

TEST REPORT

Product : Single mode Bluetooth(5.0) Module
Trade mark : Richmat
Model/Type reference : HJ8258
Serial Model : /
Report Number : EED39N81438801
FCC ID : 2AJJGHJ8258
Date of Issue : January 5, 2022

Test Standards	Result
☒ 47 CFR Part 15 Subpart C	PASS

Prepared for:

Qingdao Richmat Intelligence Technology Inc
NO. 78 Kongquehe 4th Road Qingdao Clothing Industry park Jimo,
Qingdao, Shandong Province 266000, China



Prepared by:
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Jeff Fang
Authorized Signatory

Check No.: 5416241221

Modification Record

No.	Last Report No.	Modification Description
1	EED39N81438801	First report

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1. Test Summary

Test item	Test Requirement	Test method	Result
Antenna Requirement*	47 CFR Part 15Subpart C Section 15.203/15.247 (c)	ANSI C63.10-2013	PASS
AC Power Line Conducted Emission*	47 CFR Part 15Subpart C Section 15.207	ANSI C63.10-2013	N/A
Maximum conducted output power*	47 CFR Part 15Subpart C Section 15.247 (b)(3)	ANSI C63.10-2013	PASS
DTS Bandwidth*	47 CFR Part 15Subpart C Section 15.247 (a)(2)	ANSI C63.10-2013	PASS
Maximum Power Spectral Density*	47 CFR Part 15Subpart C Section 15.247 (e)	ANSI C63.10-2013	PASS
Band-edge for RF Conducted Emissions*	47 CFR Part 15Subpart C Section 15.247(d)	ANSI C63.10-2013	PASS
RF Conducted Spurious Emissions*	47 CFR Part 15Subpart C Section 15.247(d)	ANSI C63.10-2013	PASS
Radiated Spurious Emissions	47 CFR Part 15Subpart C Section 15.205/15.209	ANSI C63.10-2013	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15Subpart C Section 15.205/15.209	ANSI C63.10-2013	PASS

Remark:

1. The product is supplied by DC power.
2. Test according to ANSI C63.4-2014 & ANSI C63.10-2013.
3. Company Name and Address shown on Report, the sample(s) and sample Information was/ were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
4. "*" Detailed test results, please reference reported EED32M00310701

2. Test Requirement

2.1. Test Environment

Operating Environment:	
Temperature:	19.8°C
Humidity:	44.2 % RH
Atmospheric Pressure:	1032mbar

2.2. Test Condition

Test channel:

Test Mode	Tx/Rx	RF Channel		
		Low(L)	Middle(M)	High(H)
GFSK	2402MHz ~2480 MHz	Channel 1	Channel 20	Channel 40
		2402MHz	2440MHz	2480MHz
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.			

3. General Information

3.1. Client Information

Applicant:	Qingdao Richmat Intelligence Technology Inc
Address of Applicant:	NO. 78 Kongquehe 4th Road Qingdao Clothing Industry park Jimo, Qingdao, Shandong Province 266000, China
Manufacturer:	Qingdao Richmat Intelligence Technology Inc
Address of Manufacturer:	NO. 78 Kongquehe 4th Road Qingdao Clothing Industry park Jimo, Qingdao, Shandong Province 266000, China
Factory:	Qingdao Richmat Intelligence Technology Inc
Address of Factory:	NO. 78 Kongquehe 4th Road Qingdao Clothing Industry park Jimo, Qingdao, Shandong Province 266000, China

3.2. General Description of EUT

Product Name:	Single mode Bluetooth(5.0) Module
Model No.(EUT)*:	HJ8258
Trade Mark:	Richmat
EUT Supports Radios application:	Bluetooth V5.0 BLE
Power Supply:	Model No: ZB-H290020-B Input: AC100-240V 1.6A, 50/60Hz Output: DC 29.0V 2.0A 58W
Sample Received Date:	Dec 24, 2021
Sample Tested Date:	January 2, 2022 to January 3, 2022

3.3. Product Specification subjective to this standard

Operation Frequency:	2402MHz~2480MHz
Bluetooth Version:	BLE 5.0
Modulation Type:	GFSK
Number of Channel:	40
Sample Type:	Mobile production
Test Software of EUT:	EMI Tool (manufacturer declare)
Antenna Type:	PCB Antenna

Antenna Gain ^① :	5.3dBi
Test Voltage:	AC 120V/60Hz

Note: 1 The antenna gain is provided by the client and we Centre Testing International (Suzhou) CO., LTD. test lab is not responsible for the accuracy of the antenna gain information.

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	11	2422MHz	21	2442MHz	31	2462MHz
2	2404MHz	12	2424MHz	22	2444MHz	32	2464MHz
3	2406MHz	13	2426MHz	23	2446MHz	33	2466MHz
4	2408MHz	14	2428MHz	24	2448MHz	34	2468MHz
5	2410MHz	15	2430MHz	25	2450MHz	35	2470MHz
6	2412MHz	16	2432MHz	26	2452MHz	36	2472MHz
7	2414MHz	17	2434MHz	27	2454MHz	37	2474MHz
8	2416MHz	18	2436MHz	28	2456MHz	38	2476MHz
9	2418MHz	19	2438MHz	29	2458MHz	39	2478MHz
10	2420MHz	20	2440MHz	30	2460MHz	40	2480MHz

3.4. Tested System Details

Product	Manufacturer	Model No.
Handset	Richmat	Model Name.: HJH124 Ble ,HJH109 Ble,HJSR06 Ble, HJH55B Ble

3.5. Description of Support Units

The EUT has been tested with associated equipment below.

1) support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
NB	ThinkPad	E490	FCC ID and DOC	CTI

3.6. Test Location

All test facilities used to collect the test data are located at Building 18, Zhihui New Town Ecological Industrial Park, No. 1206, Jinyang East Road, Lujia Town, Kunshan, Jiangsu, China.

3.7. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

A2LA-Lab Cert. No. 5734.01

Centre Testing International (Suzhou) CO., LTD. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration. Laboratories and any additional program requirements in the identified field of testing.

FCC-Designation No.:CN1290

Centre Testing International Group Co., Ltd EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The American association for Centre Testing International Group Co., Ltd. EMC laboratory accreditation Designation No.:CN1290

3.8. Deviation from Standards

None.

3.9. Abnormalities from Standard Conditions

None.

3.10. Other Information Requested by the Customer

None.

3.11. Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Occupied Bandwidth	0.56%
2	RF Power conducted	0.59 dB
3	Power Spectral Density, conducted	2.37 dB
4	Unwanted Emission, conducted	2.68 dB
5	All Emission, radiated	4.41 dB(30MHz-1GHz)
		4.99 dB(1GHz-18GHz)
		5.307 dB(18GHz-40GHz)
6	Temperature test	0.54°C
7	Humidity test	1.62%
8	DC and low frequency voltages test	1.14%

4. Equipment List

966 Semi-anechoic Chamber					
Equipment	Manufacturer	Mode No.	Serial Number	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
Receiver	R&S	ESU8	100537	2021-12-06	2022-12-05
Spectrum analyzer	R&S	FSV40	101185	2021-12-06	2022-12-05
Preamplifier (30MHz~1GHz)	R&S	SCU-08	100748	2021-05-25	2022-05-24
Preamplifier (1GHz~18GHz)	R&S	SCU-18D	1987397	2021-12-09	2022-12-08
Preamplifier (18GHz~40GHz)	/	MTLNA1804003 0235	12009007	2021-10-23	2022-10-22
Loop Antenna (9kHz~30MHz)	TESEQ	HLA6121	54575	2021-02-27	2022-02-26
Antenna (30MHz~1GHz)	SCHWARZBEC K	VULB9163	9163-965	2021-10-15	2022-10-14
Antenna (1GHz~18GHz)	R&S	HF907	102524	2021-12-14	2022-12-13
Antenna (18GHz~40GHz)	R&S	BBHA9170	1032	2021-10-23	2022-10-22
Band rejection filter	Xi'an xingbo	XBLBQ-DZA81	200827-1-02	/	/

5. Radio Technical Requirements Specification

5.1. Reference Documents for Testing

No.	Identity	Document Title
1	FCC Part15C	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

5.2. Test Results List

Test requirement	Test method	Test item	Verdict	Note
Part15C Section 15.205/15.209	ANSI C63.10 Section 6.10.5	Restricted bands around fundamental frequency (Radiated Emission)	PASS	Appendix A)
Part15C Section 15.205/15.209	ANSI C63.10 Section 6.4,6.5,6.6	Radiated Spurious Emissions	PASS	Appendix B)

Appendix A): Restricted bands around fundamental frequency (Radiated)

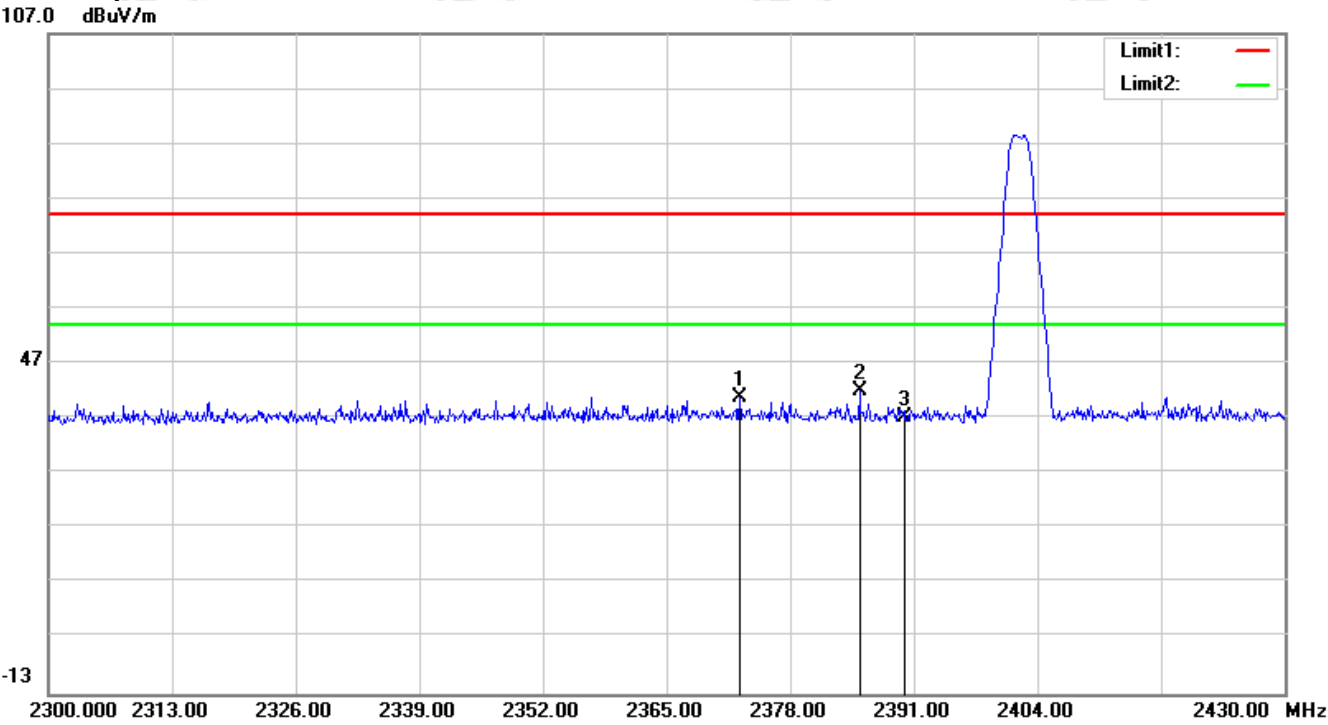
Receiver Setup:	<table><tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120kHz</td><td>300kHz</td><td>Quasi-peak</td></tr><tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak</td></tr><tr><td>Peak</td><td>1MHz</td><td>1/T</td><td>Average</td></tr></table>	Frequency	Detector	RBW	VBW	Remark	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak	Above 1GHz	Peak	1MHz	3MHz	Peak	Peak	1MHz	1/T	Average	
Frequency	Detector	RBW	VBW	Remark																	
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak																	
Above 1GHz	Peak	1MHz	3MHz	Peak																	
	Peak	1MHz	1/T	Average																	
Test Procedure:	Below 1GHz test procedure as below: a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Above 1GHz test procedure as below: a. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter). b. Test the EUT in the lowest channel , the Highest channel c. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. d. Repeat above procedures until all frequencies measured was complete.																				
Limit:	<table><tr><td>Frequency</td><td>Limit (dBμV/m @3m)</td><td>Remark</td></tr><tr><td>30MHz-88MHz</td><td>40.0</td><td>Quasi-peak Value</td></tr><tr><td>88MHz-216MHz</td><td>43.5</td><td>Quasi-peak Value</td></tr><tr><td>216MHz-960MHz</td><td>46.0</td><td>Quasi-peak Value</td></tr><tr><td>960MHz-1GHz</td><td>54.0</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>54.0</td><td>Average Value</td></tr><tr><td>74.0</td><td>Peak Value</td></tr></table>	Frequency	Limit (dBμV/m @3m)	Remark	30MHz-88MHz	40.0	Quasi-peak Value	88MHz-216MHz	43.5	Quasi-peak Value	216MHz-960MHz	46.0	Quasi-peak Value	960MHz-1GHz	54.0	Quasi-peak Value	Above 1GHz	54.0	Average Value	74.0	Peak Value
Frequency	Limit (dBμV/m @3m)	Remark																			
30MHz-88MHz	40.0	Quasi-peak Value																			
88MHz-216MHz	43.5	Quasi-peak Value																			
216MHz-960MHz	46.0	Quasi-peak Value																			
960MHz-1GHz	54.0	Quasi-peak Value																			
Above 1GHz	54.0	Average Value																			
	74.0	Peak Value																			

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Test plot as follows:

Mode:	BLE_1M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH124 Ble

Test Graph

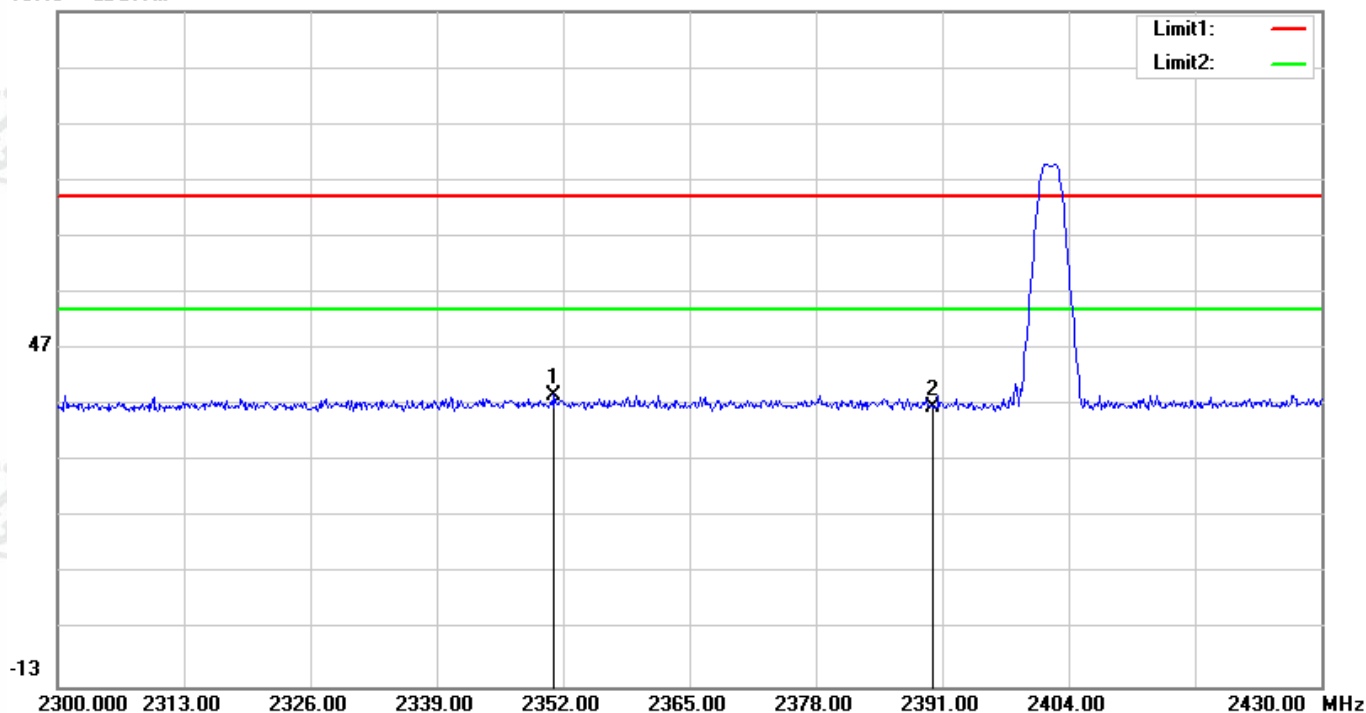


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2372.670	38.21	2.67	40.88	74.00	-33.12	200	269	peak
2	2385.280	39.36	2.70	42.06	74.00	-31.94	200	269	peak
3	2390.000	34.64	2.71	37.35	74.00	-36.65	100	344	peak

Mode:	BLE_1M	Channel:	2402
Remark:	Vertical	Test model No.:	HJH124 Ble

Test Graph

107.0 dBuV/m

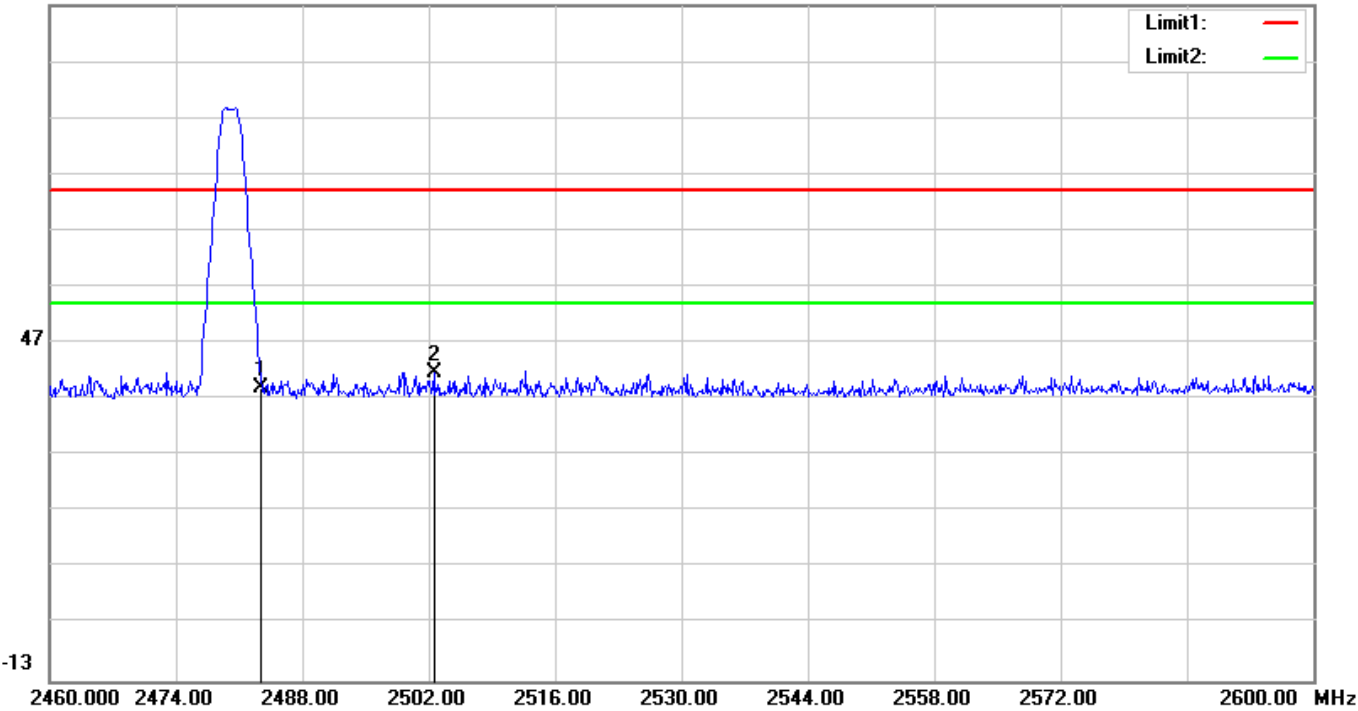


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2351.090	36.29	2.61	38.90	74.00	-35.10	200	80	peak
2	2390.000	33.95	2.71	36.66	74.00	-37.34	200	61	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH124 Ble

Test Graph

107.0 dBuV/m

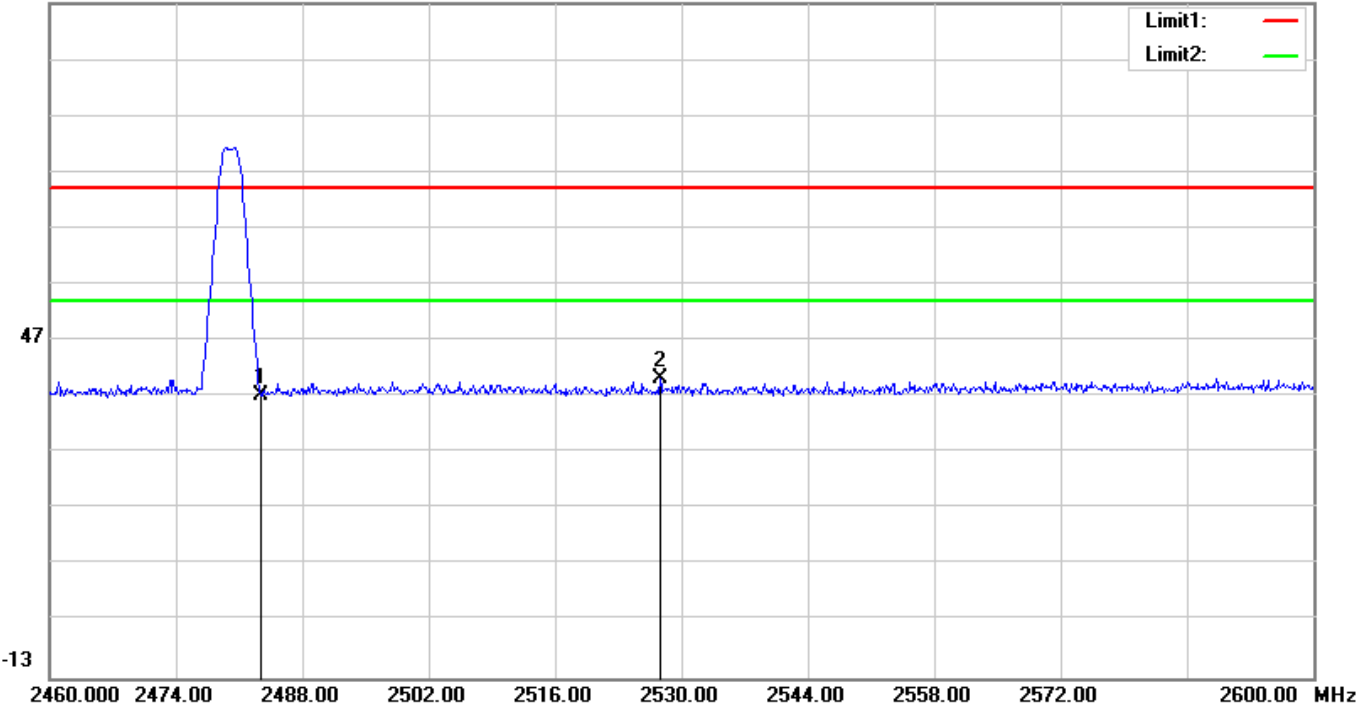


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.03	2.92	38.95	74.00	-35.05	169	360	peak
2	2502.560	38.90	2.96	41.86	74.00	-32.14	200	273	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Vertical	Test model No.:	HJH124 Ble

Test Graph

107.0 dBuV/m

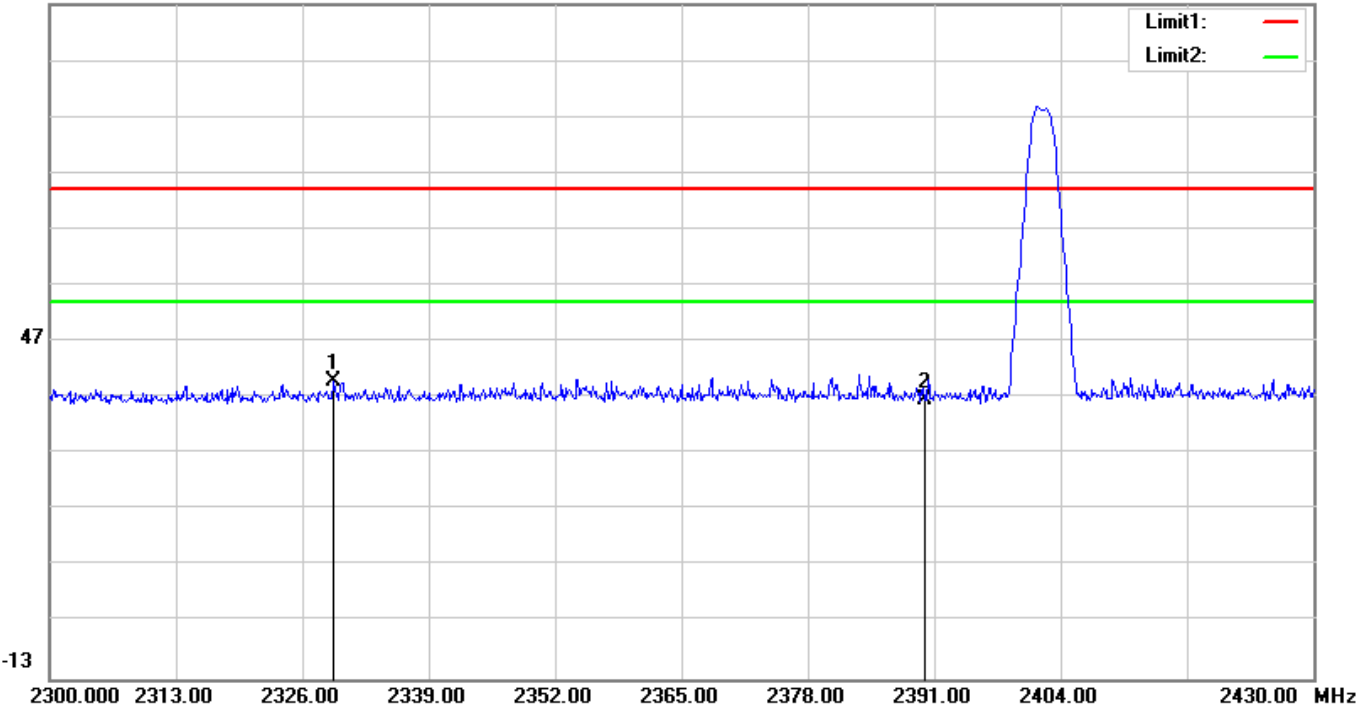


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	34.38	2.92	37.30	74.00	-36.70	118	360	peak
2	2527.620	37.11	3.01	40.12	74.00	-33.88	199	360	peak

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Mode:	BLE_2M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH124 Ble

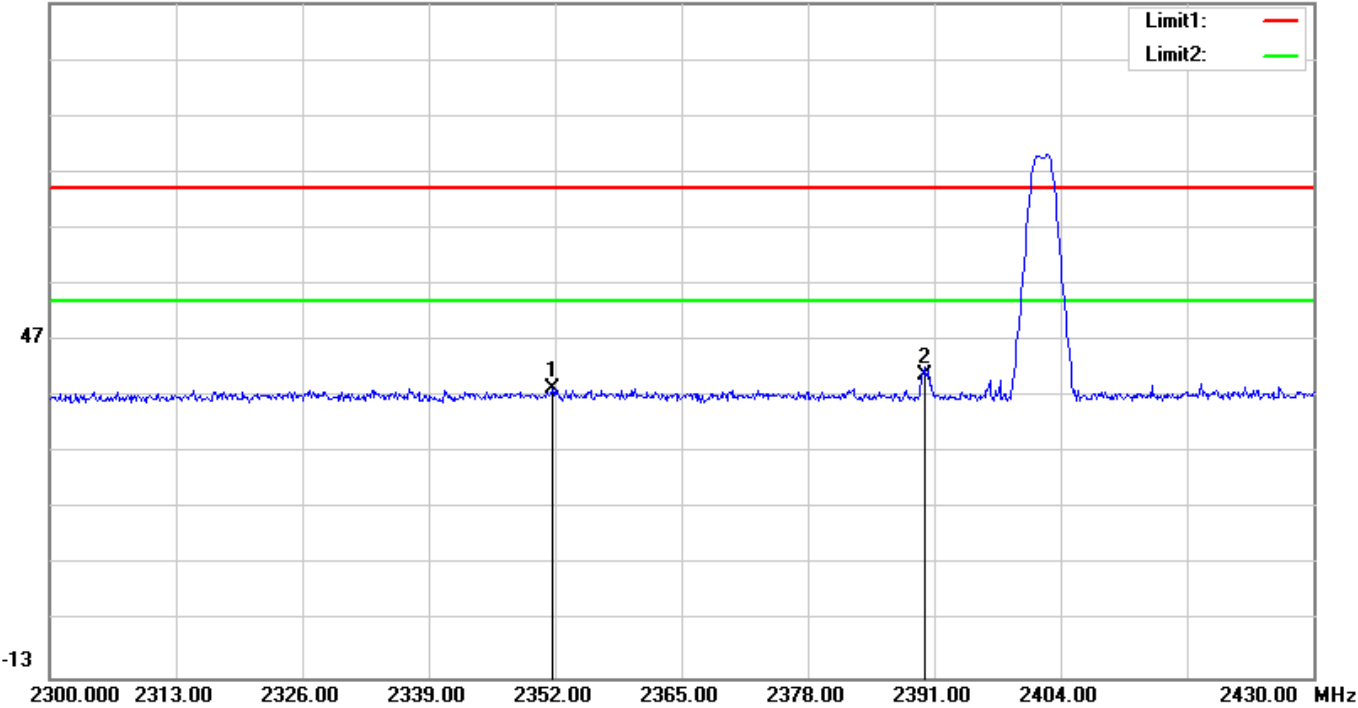
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2329.250	37.35	2.55	39.90	74.00	-34.10	200	271	peak
2	2390.000	34.04	2.71	36.75	74.00	-37.25	200	296	peak

Mode:	BLE_2M	Channel:	2402
Remark:	Vertical	Test model No.:	HJH124 Ble

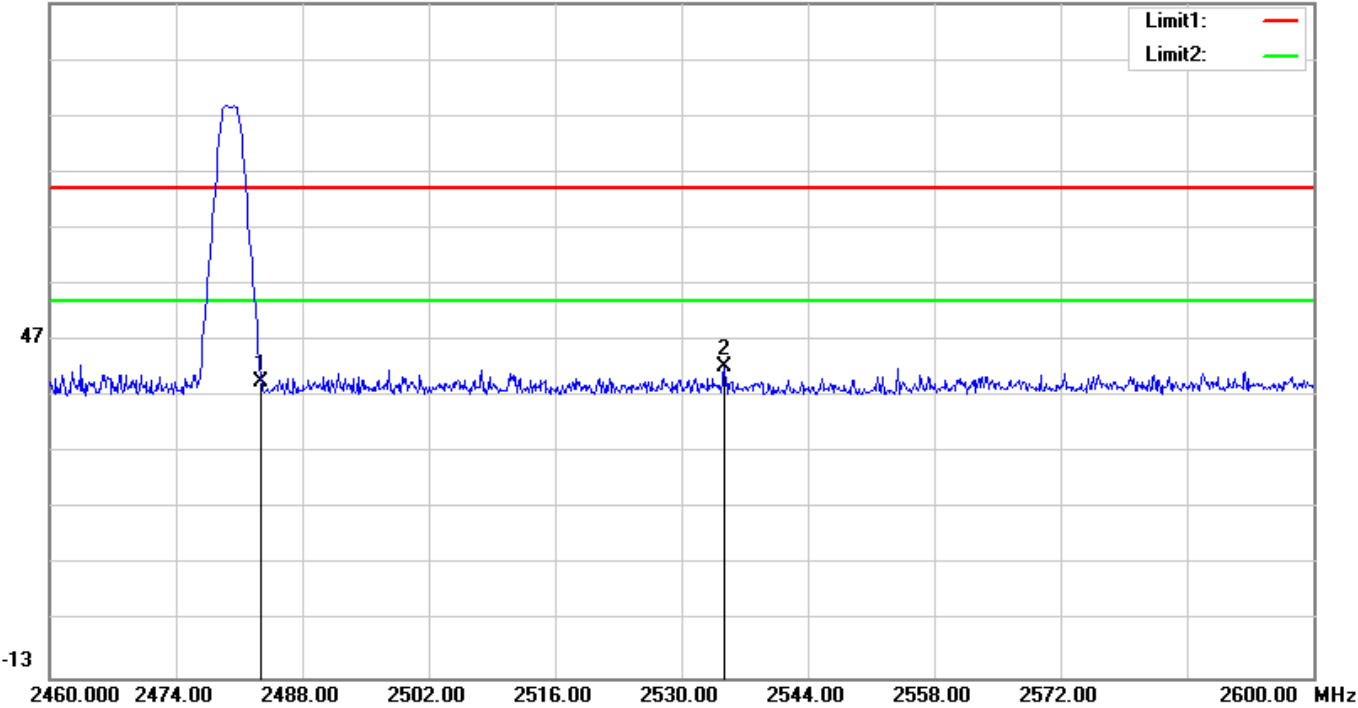
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2351.740	35.99	2.61	38.60	74.00	-35.40	200	319	peak
2	2390.000	38.05	2.71	40.76	74.00	-33.24	200	55	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH124 Ble

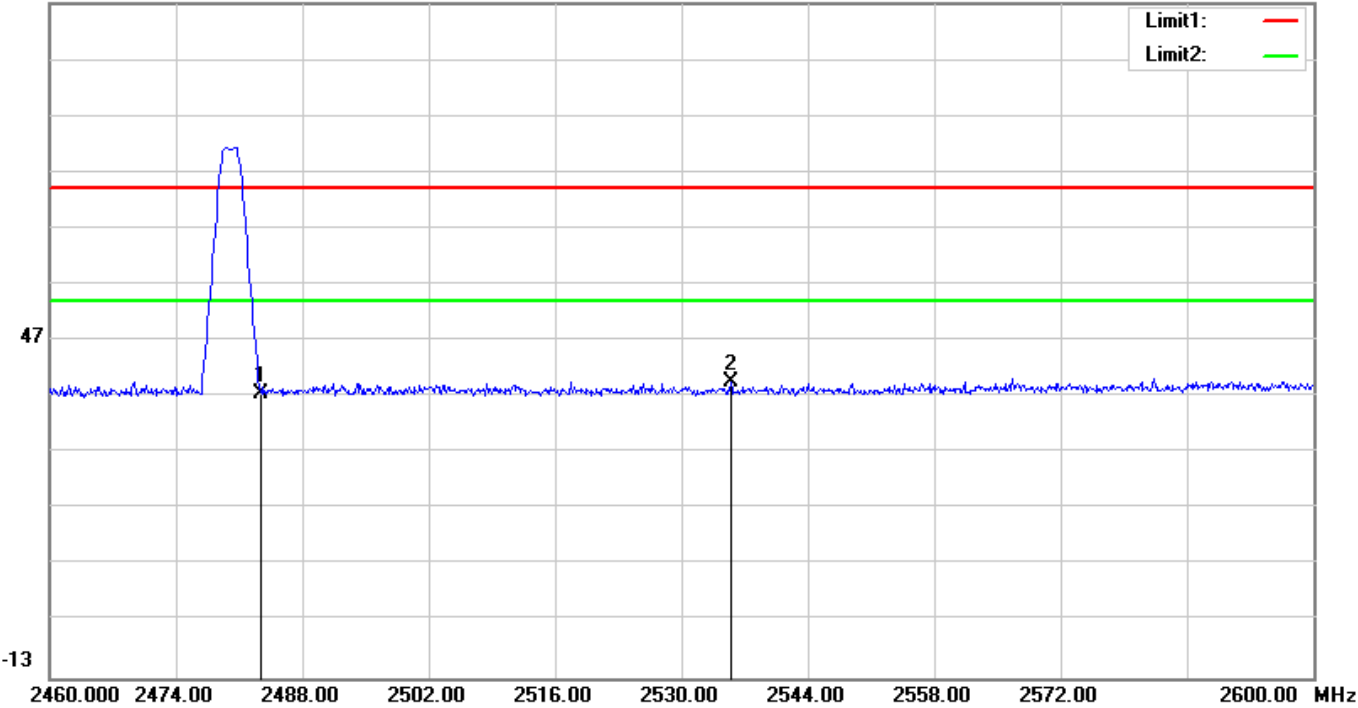
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	36.80	2.92	39.72	74.00	-34.28	200	268	peak
2	2534.760	39.32	3.02	42.34	74.00	-31.66	200	301	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Vertical	Test model No.:	HJH124 Ble

Test Graph
107.0 dBuV/m

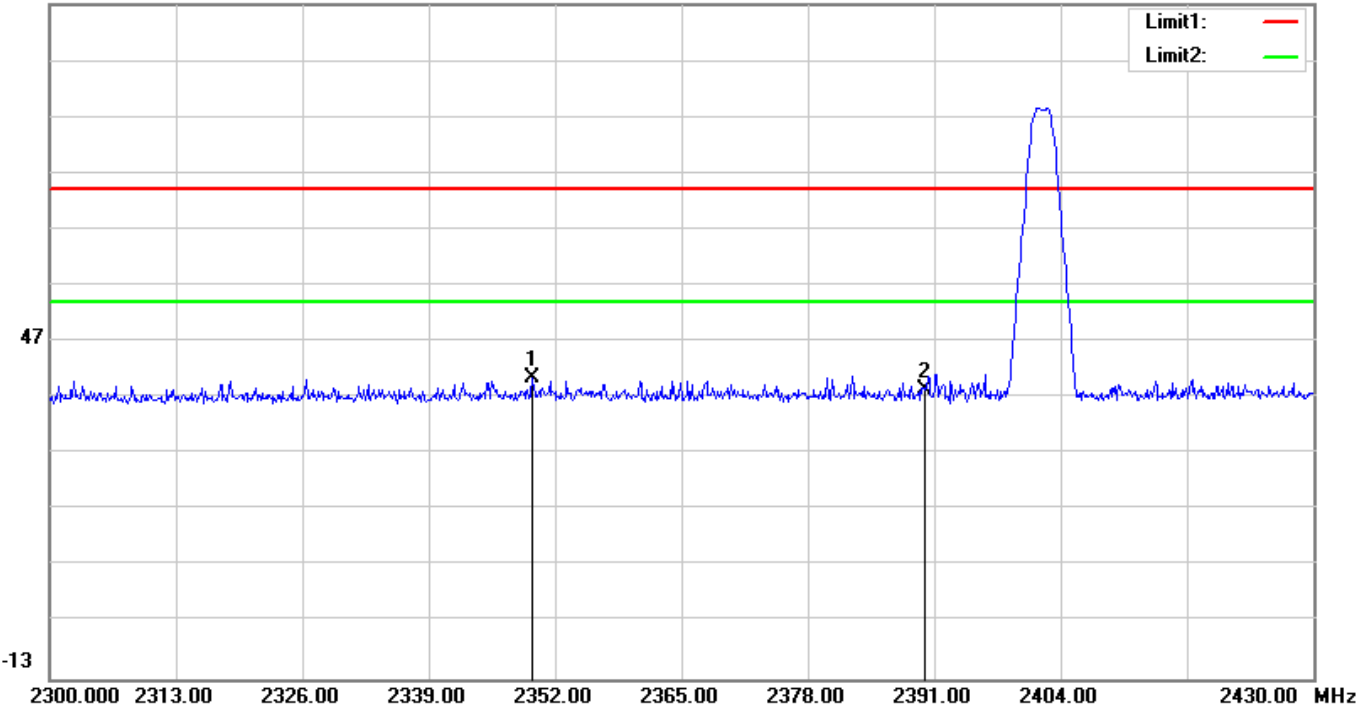


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	34.68	2.92	37.60	74.00	-36.40	200	290	peak
2	2535.460	36.72	3.02	39.74	74.00	-34.26	100	322	peak

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Mode:	BLE_125kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH124 Ble

Test Graph
107.0 dBuV/m

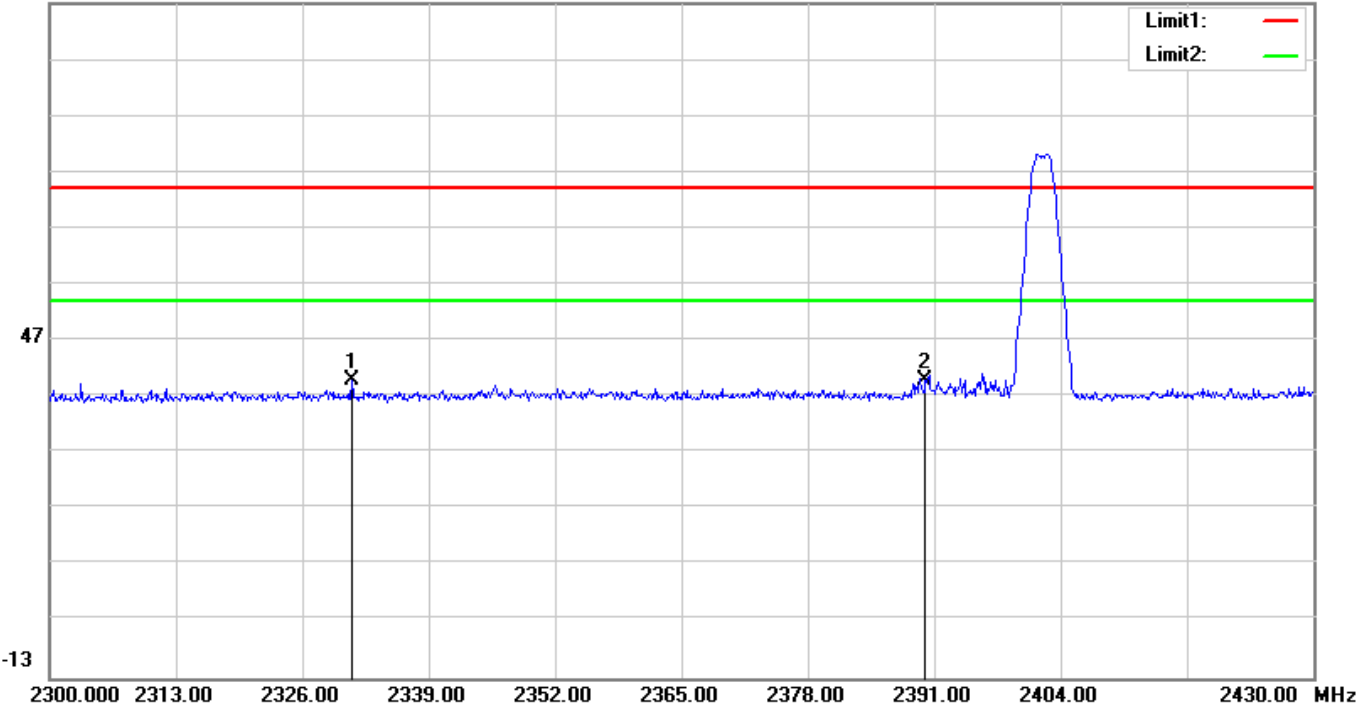


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2349.660	37.92	2.60	40.52	74.00	-33.48	100	300	peak
2	2390.000	35.62	2.71	38.33	74.00	-35.67	149	360	peak

Mode:	BLE_125kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJH124 Ble

Test Graph

107.0 dBuV/m

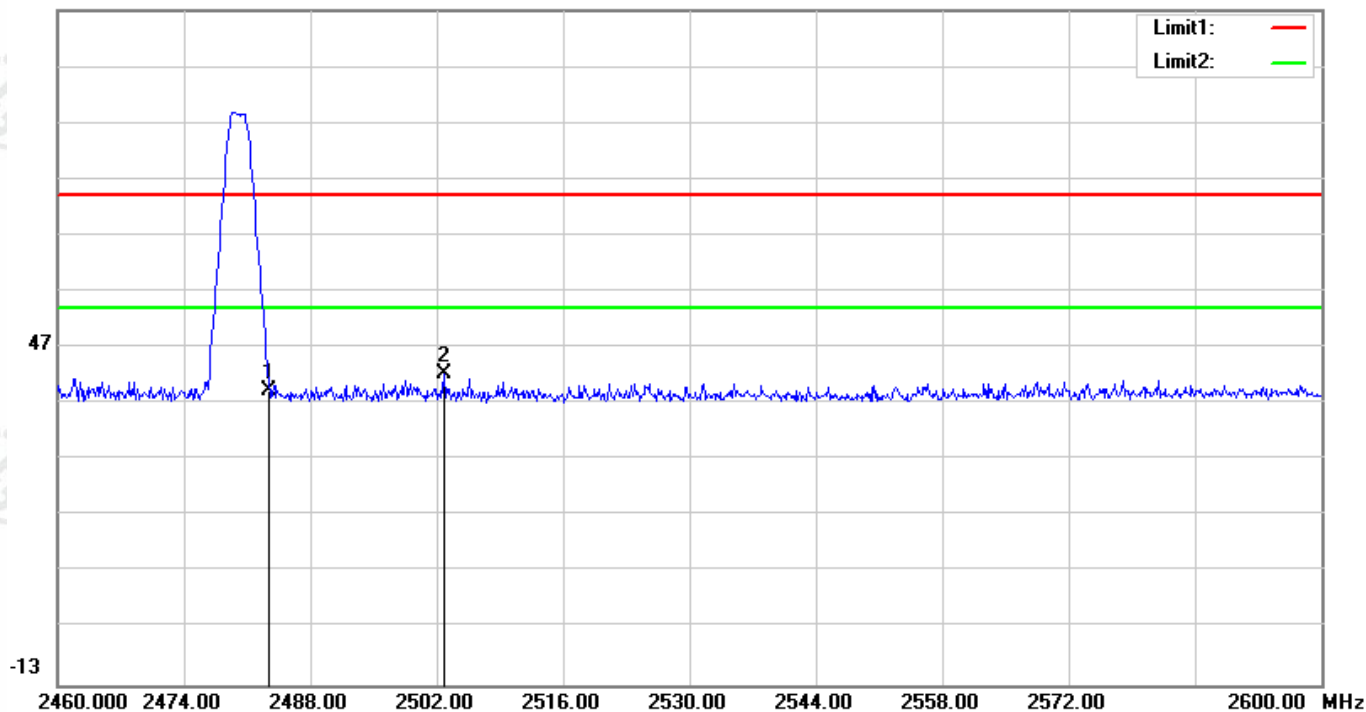


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2331.070	37.37	2.55	39.92	74.00	-34.08	200	285	peak
2	2390.000	37.18	2.71	39.89	74.00	-34.11	100	356	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH124 Ble

Test Graph

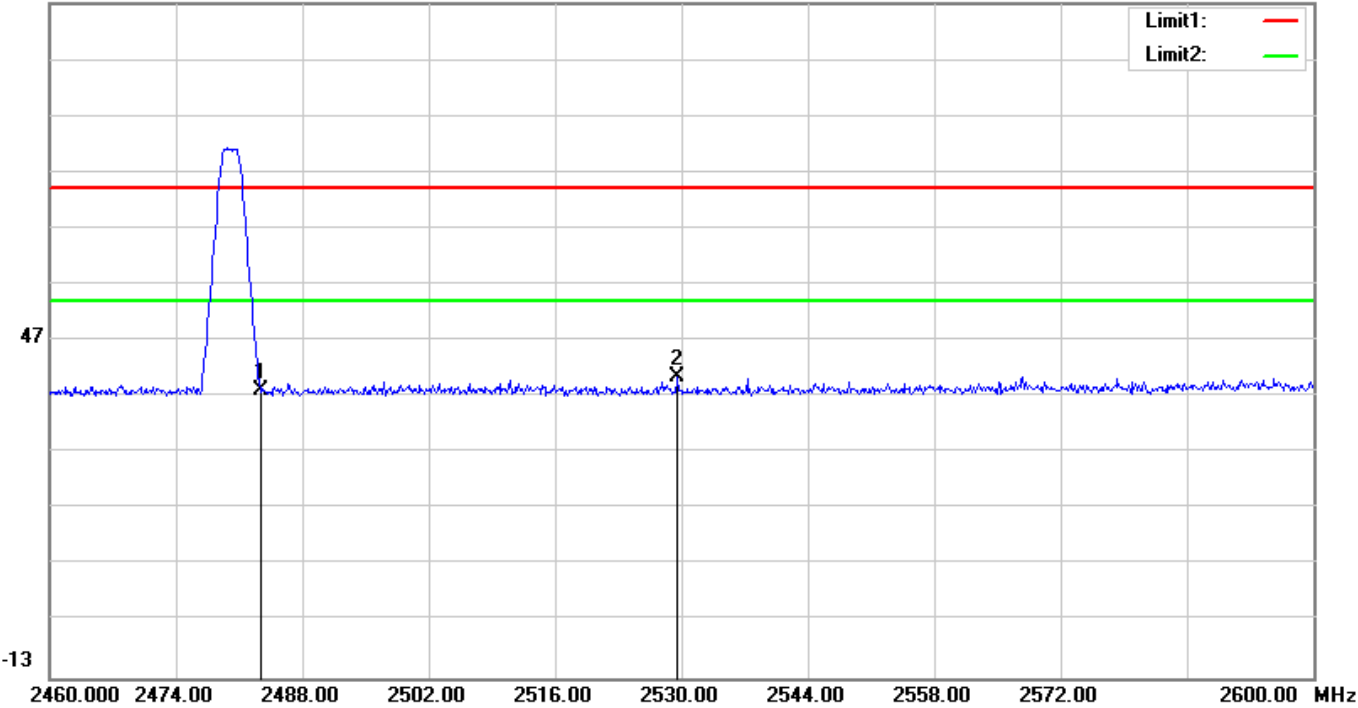
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	36.36	2.92	39.28	74.00	-34.72	100	169	peak
2	2502.840	39.52	2.96	42.48	74.00	-31.52	200	266	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJH124 Ble

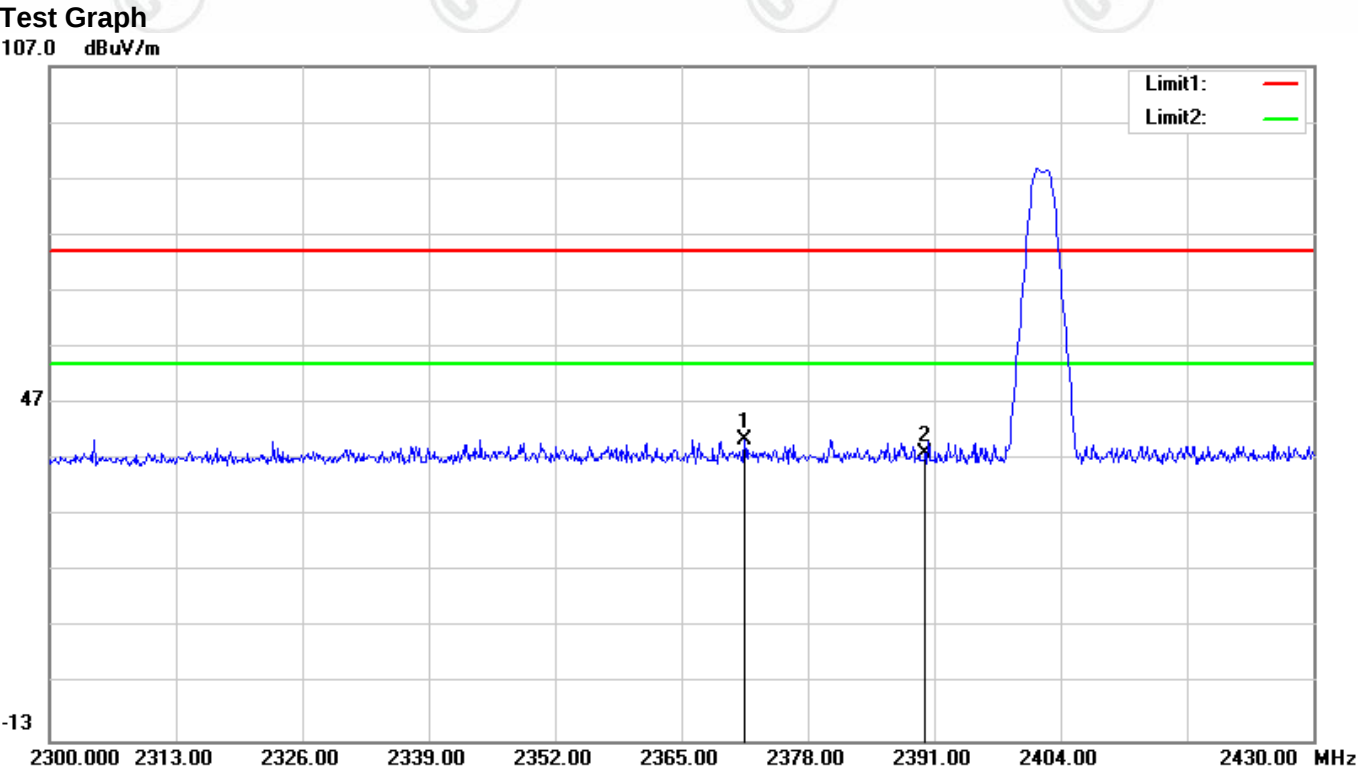
Test Graph
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	35.18	2.92	38.10	74.00	-35.90	200	0	peak
2	2529.580	37.47	3.01	40.48	74.00	-33.52	100	32	peak

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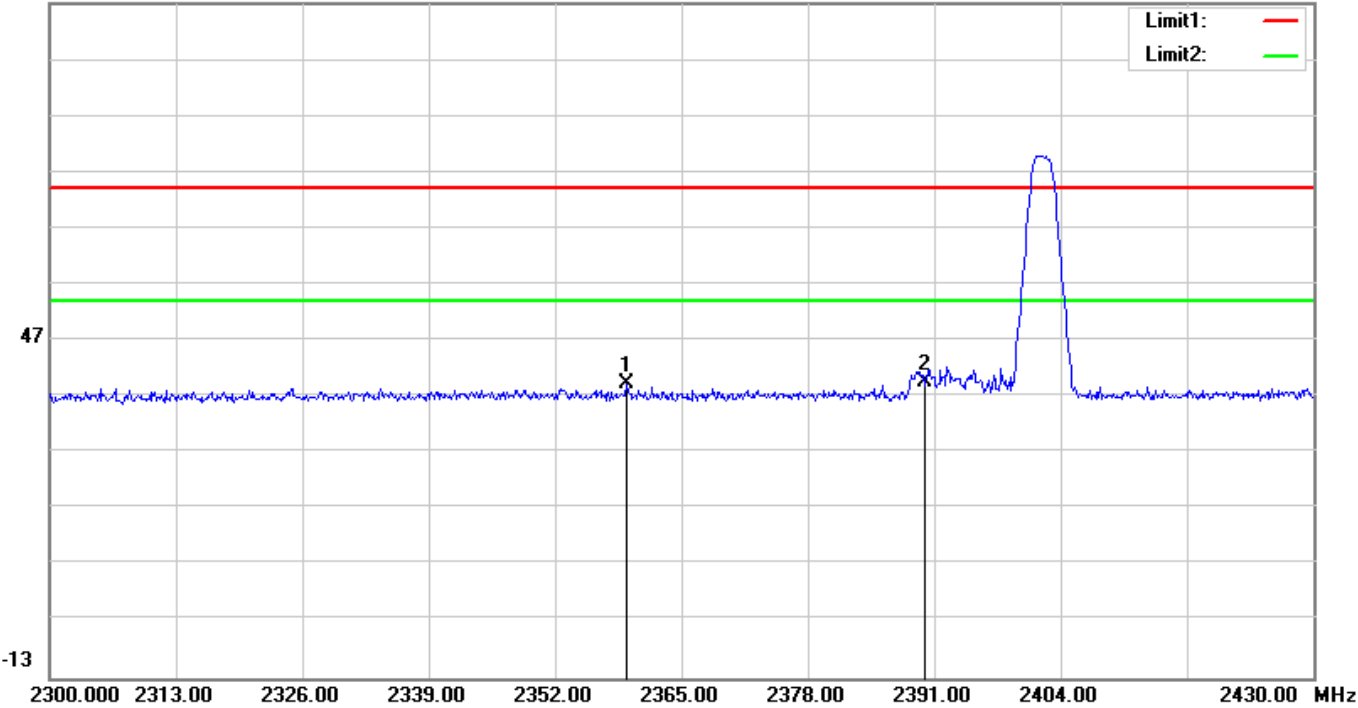
Mode:	BLE_500kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH124 Ble



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2371.500	37.93	2.66	40.59	74.00	-33.41	200	277	peak
2	2390.000	35.51	2.71	38.22	74.00	-35.78	200	360	peak

Mode:	BLE_500kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJH124 Ble

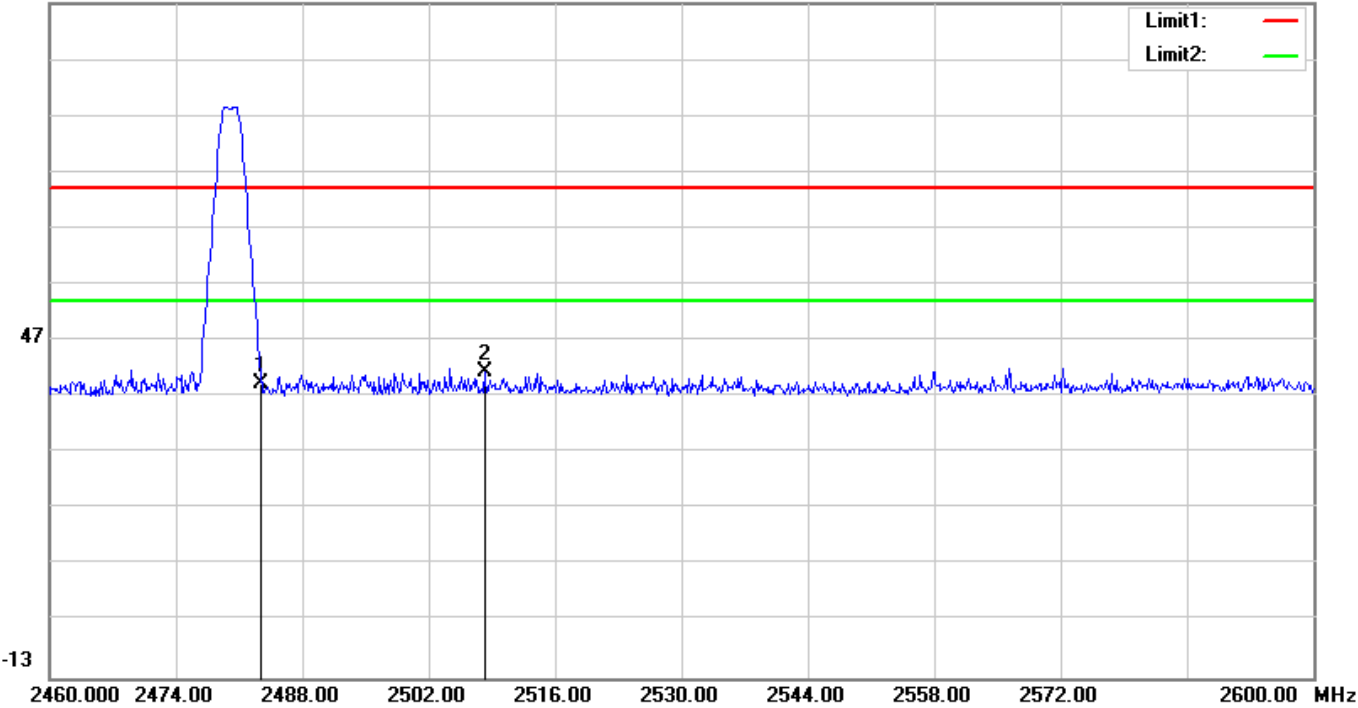
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2359.410	36.74	2.63	39.37	74.00	-34.63	125	360	peak
2	2390.000	36.95	2.71	39.66	74.00	-34.34	115	360	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH124 Ble

Test Graph
107.0 dBuV/m

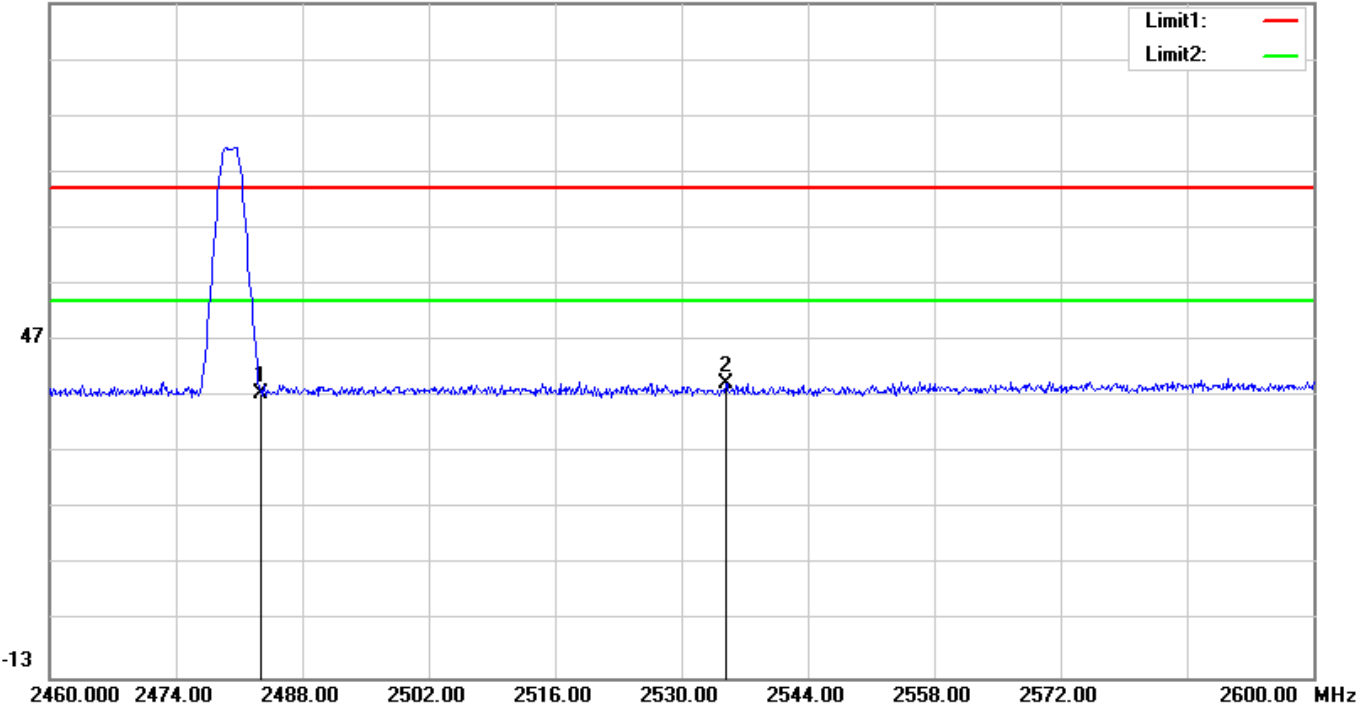


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.58	2.92	39.50	74.00	-34.50	100	304	peak
2	2508.160	38.35	2.97	41.32	74.00	-32.68	100	298	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJH124 Ble

Test Graph

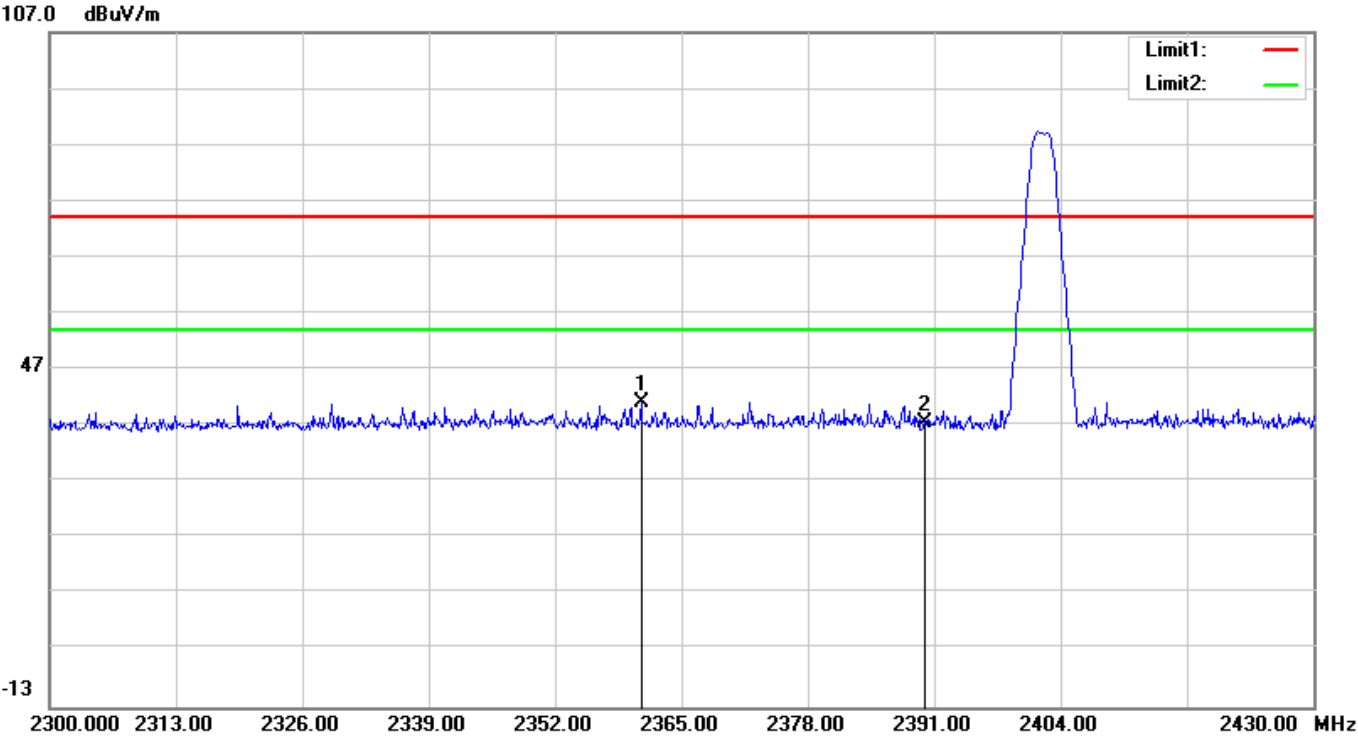
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	34.55	2.92	37.47	74.00	-36.53	100	90	peak
2	2534.900	36.47	3.02	39.49	74.00	-34.51	200	27	peak

Mode:	BLE_1M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH55B Ble

Test Graph

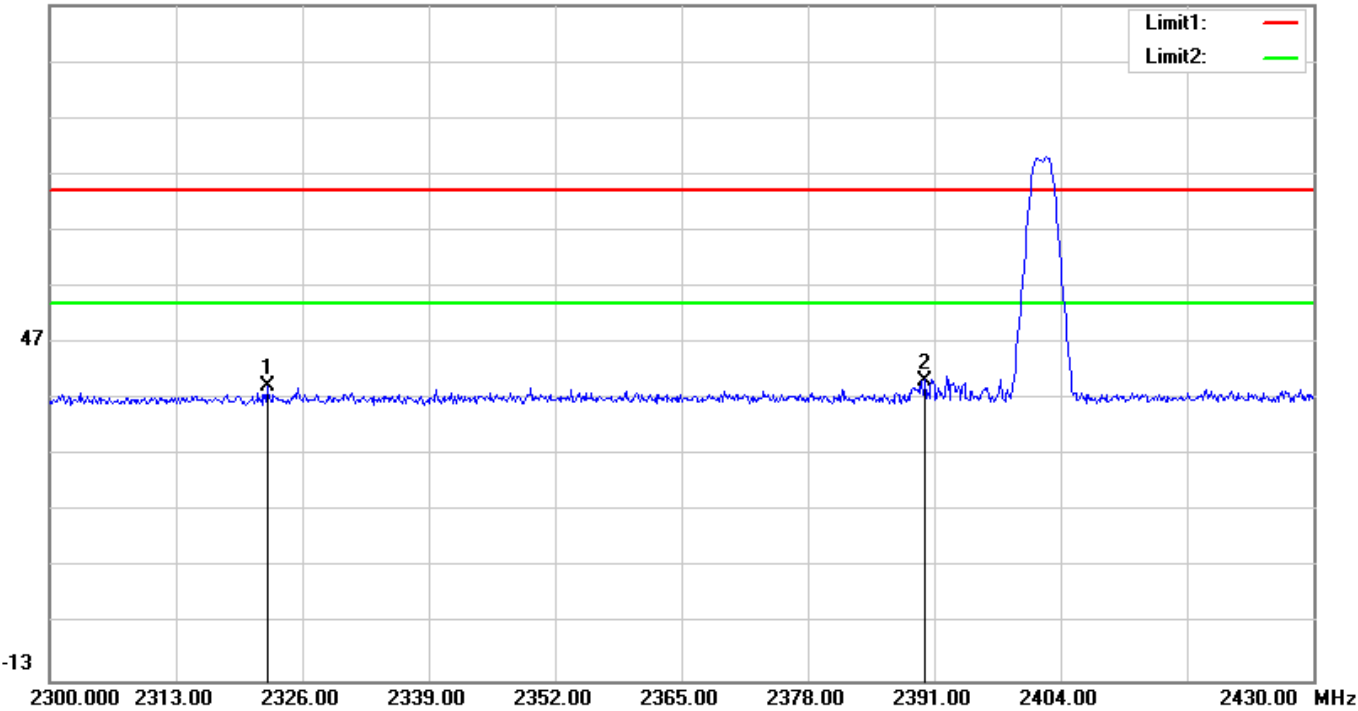


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2360.840	38.46	2.63	41.09	74.00	-32.91	200	271	peak
2	2390.000	34.98	2.71	37.69	74.00	-36.31	100	103	peak

Mode:	BLE_1M	Channel:	2402
Remark:	Vertical	Test model No.:	HJH55B Ble

Test Graph

107.0 dBuV/m

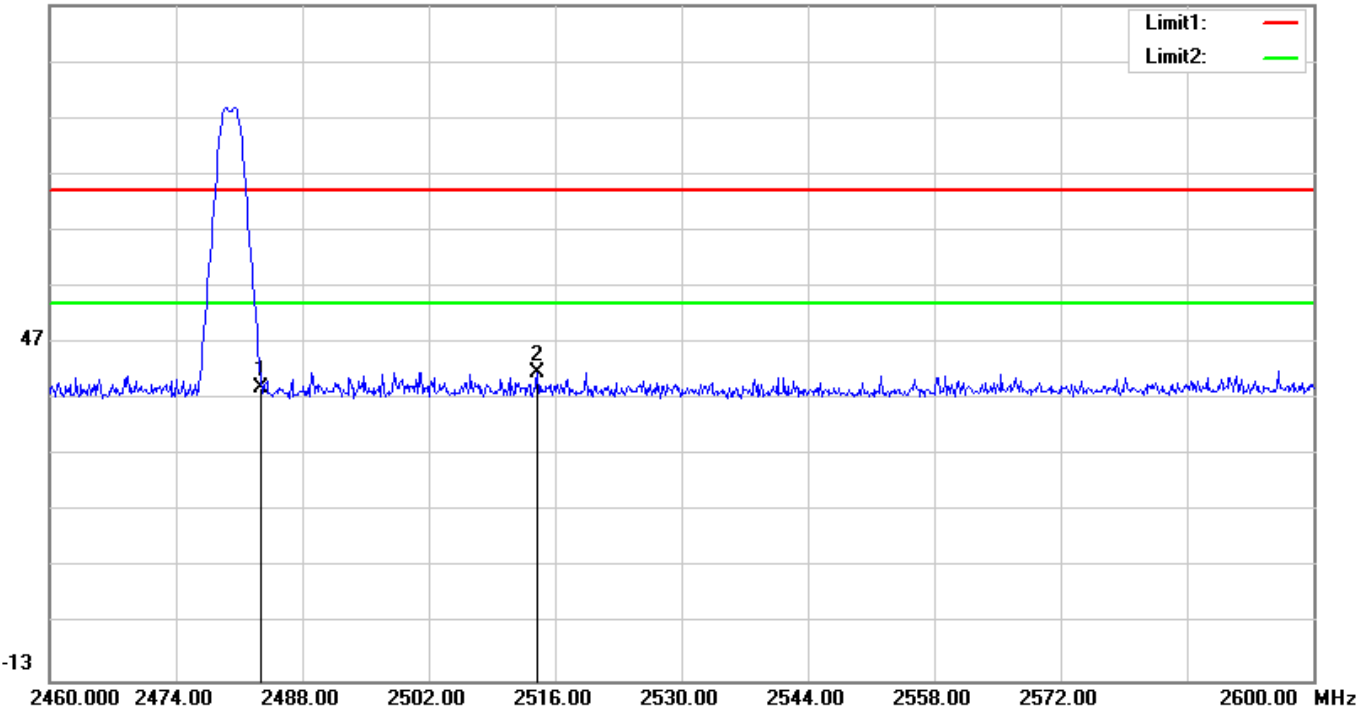


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2322.360	36.83	2.53	39.36	74.00	-34.64	200	106	peak
2	2390.000	37.69	2.71	40.40	74.00	-33.60	119	360	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH55B Ble

Test Graph

107.0 dBuV/m

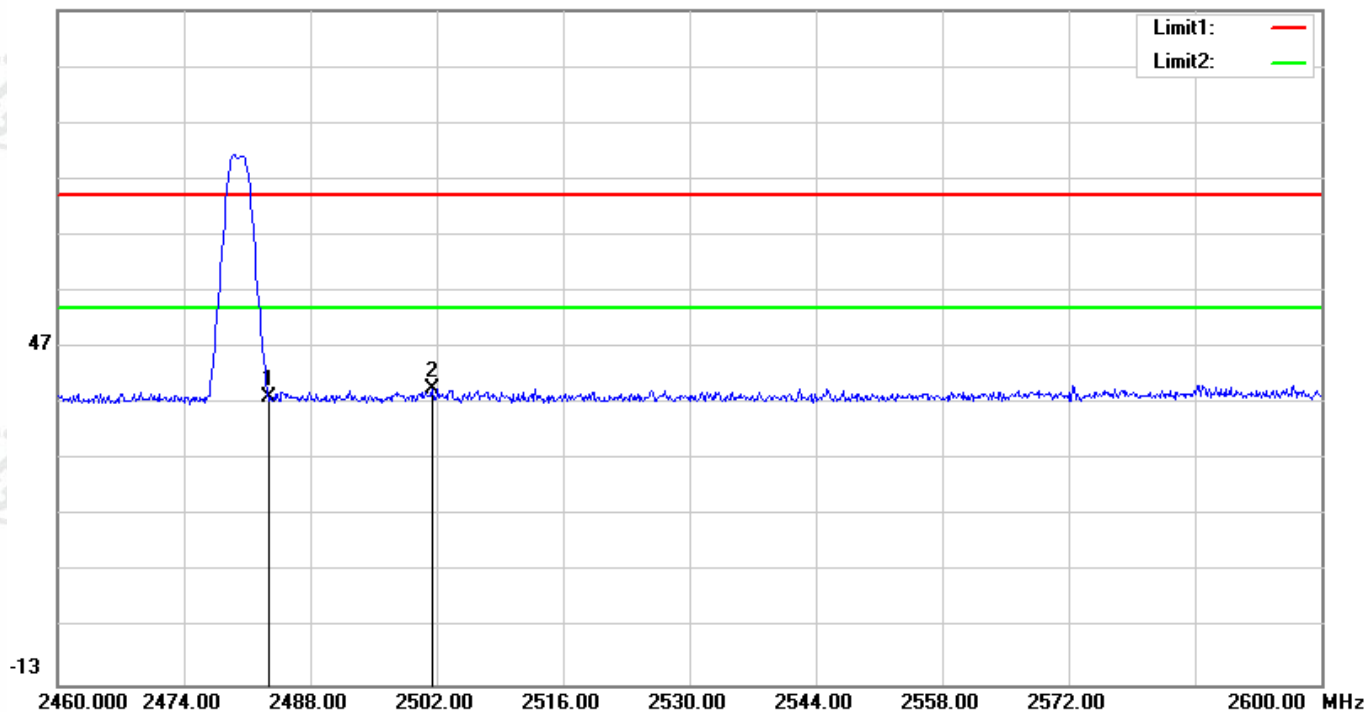


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	36.23	2.92	39.15	74.00	-34.85	200	123	peak
2	2514.040	38.66	2.98	41.64	74.00	-32.36	200	268	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Vertical	Test model No.:	HJH55B Ble

Test Graph

107.0 dBuV/m

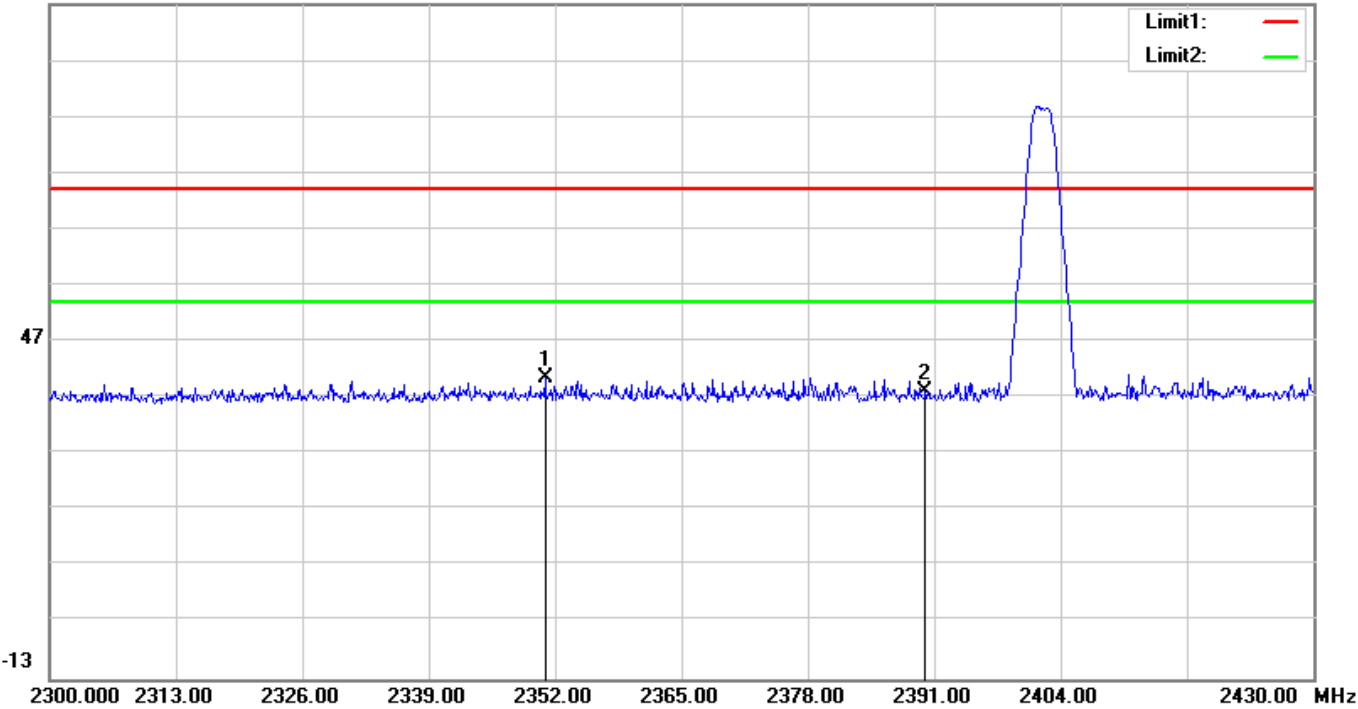


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.34	2.92	38.26	74.00	-35.74	200	180	peak
2	2501.580	36.74	2.95	39.69	74.00	-34.31	100	225	peak

Report No. : EED39N81438801

Mode:	BLE_2M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH55B Ble

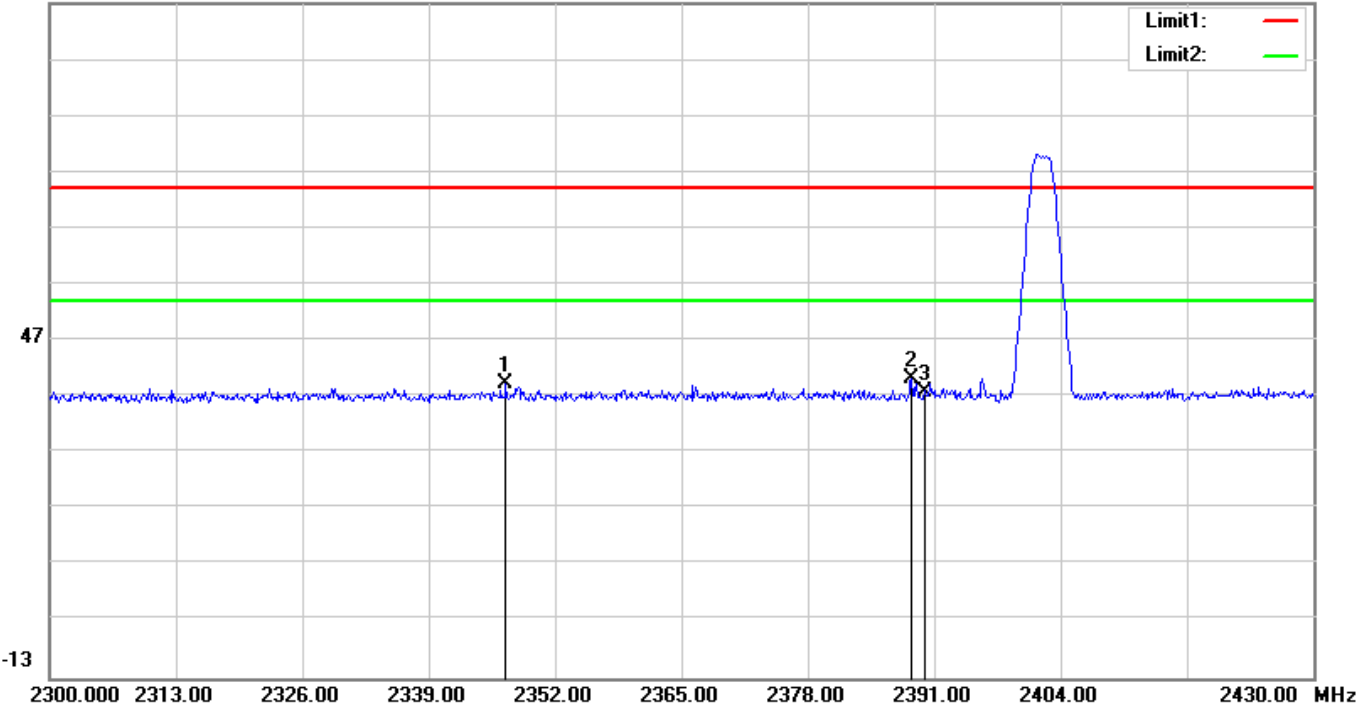
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2350.960	37.87	2.61	40.48	74.00	-33.52	200	262	peak
2	2390.000	35.44	2.71	38.15	74.00	-35.85	200	281	peak

Mode:	BLE_2M	Channel:	2402
Remark:	Vertical	Test model No.:	HJH55B Ble

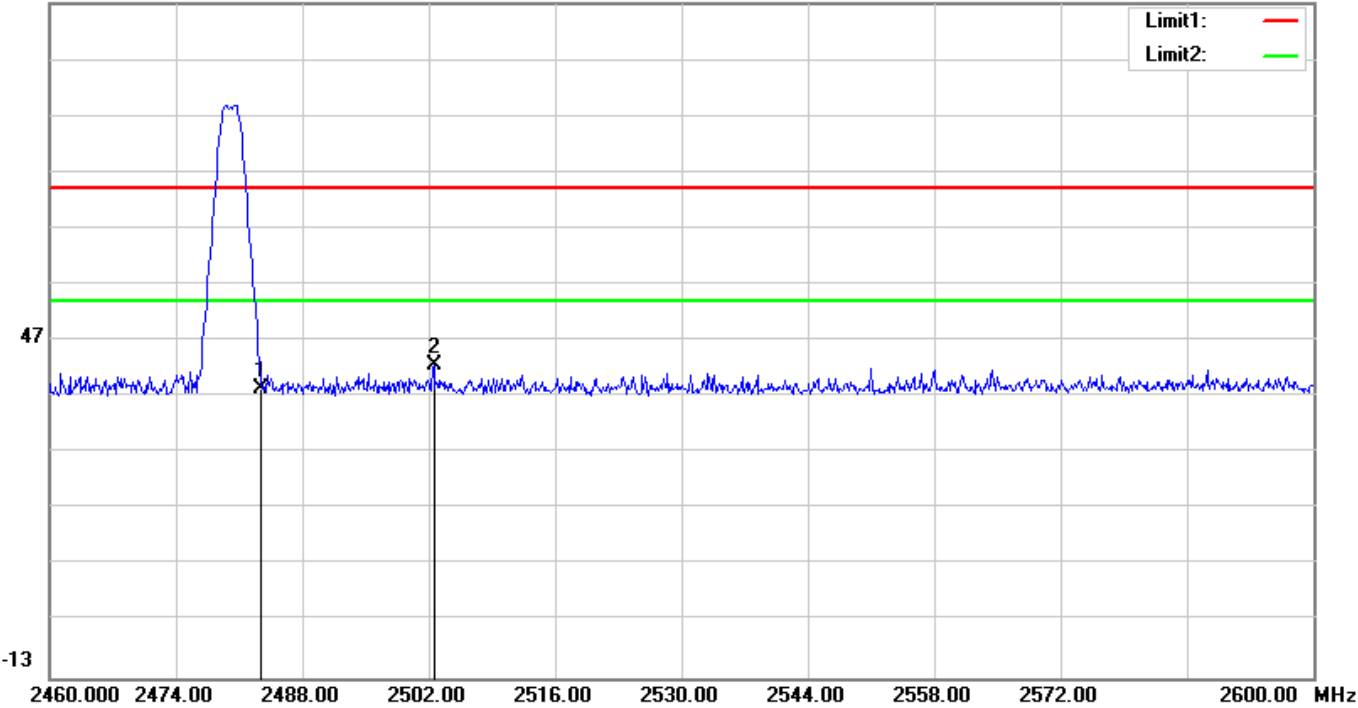
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2346.930	36.78	2.60	39.38	74.00	-34.62	200	20	peak
2	2388.660	37.44	2.71	40.15	74.00	-33.85	200	278	peak
3	2390.000	35.28	2.71	37.99	74.00	-36.01	100	2	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH55B Ble

Test Graph
107.0 dBuV/m

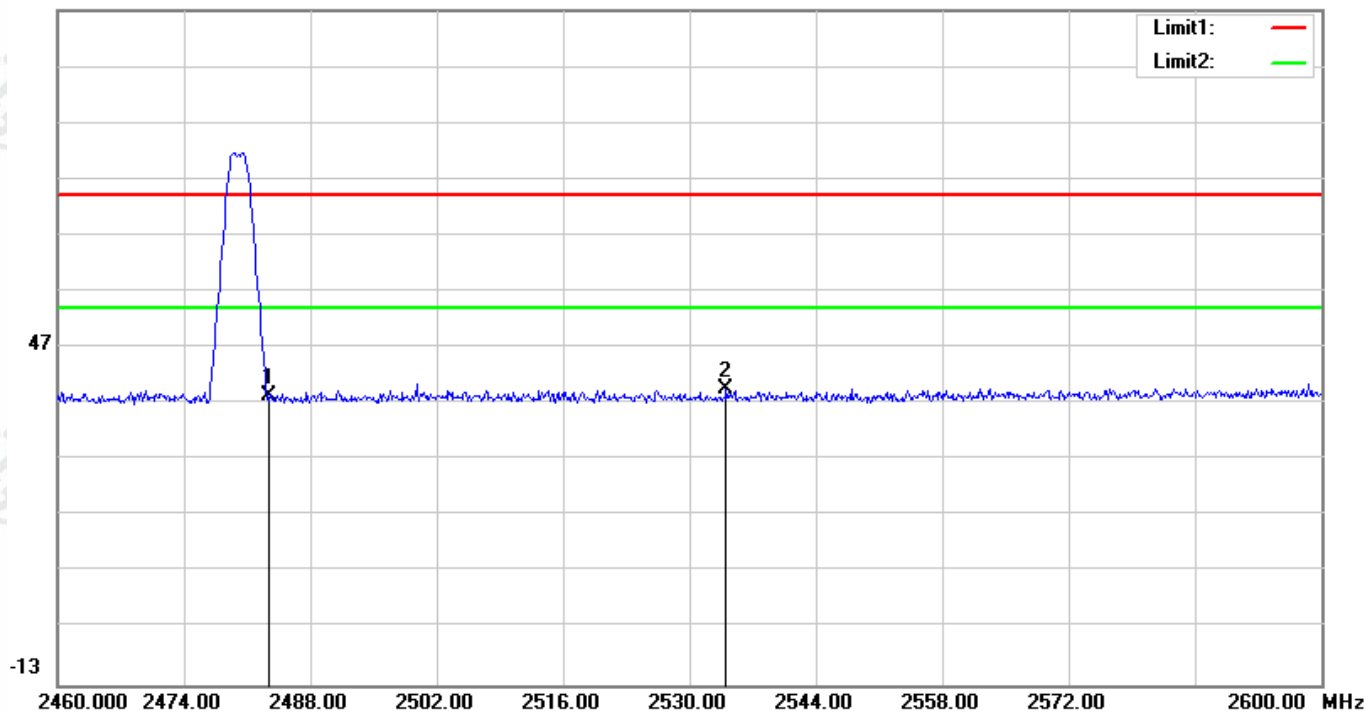


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	35.59	2.92	38.51	74.00	-35.49	100	246	peak
2	2502.560	39.84	2.96	42.80	74.00	-31.20	200	265	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Vertical	Test model No.:	HJH55B Ble

Test Graph

107.0 dBuV/m



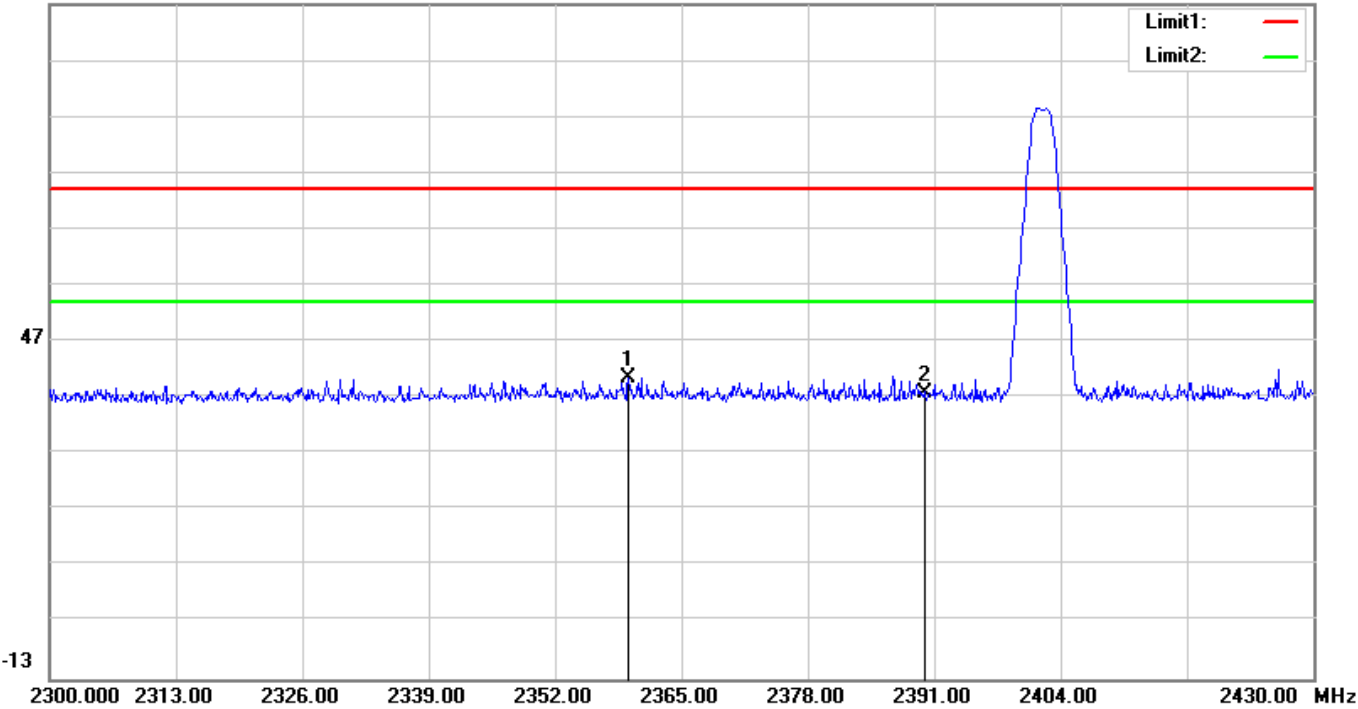
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.56	2.92	38.48	74.00	-35.52	100	36	peak
2	2534.060	36.60	3.02	39.62	74.00	-34.38	199	360	peak

Report No. : EED39N81438801

Mode:	BLE_125kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH55B Ble

Test Graph

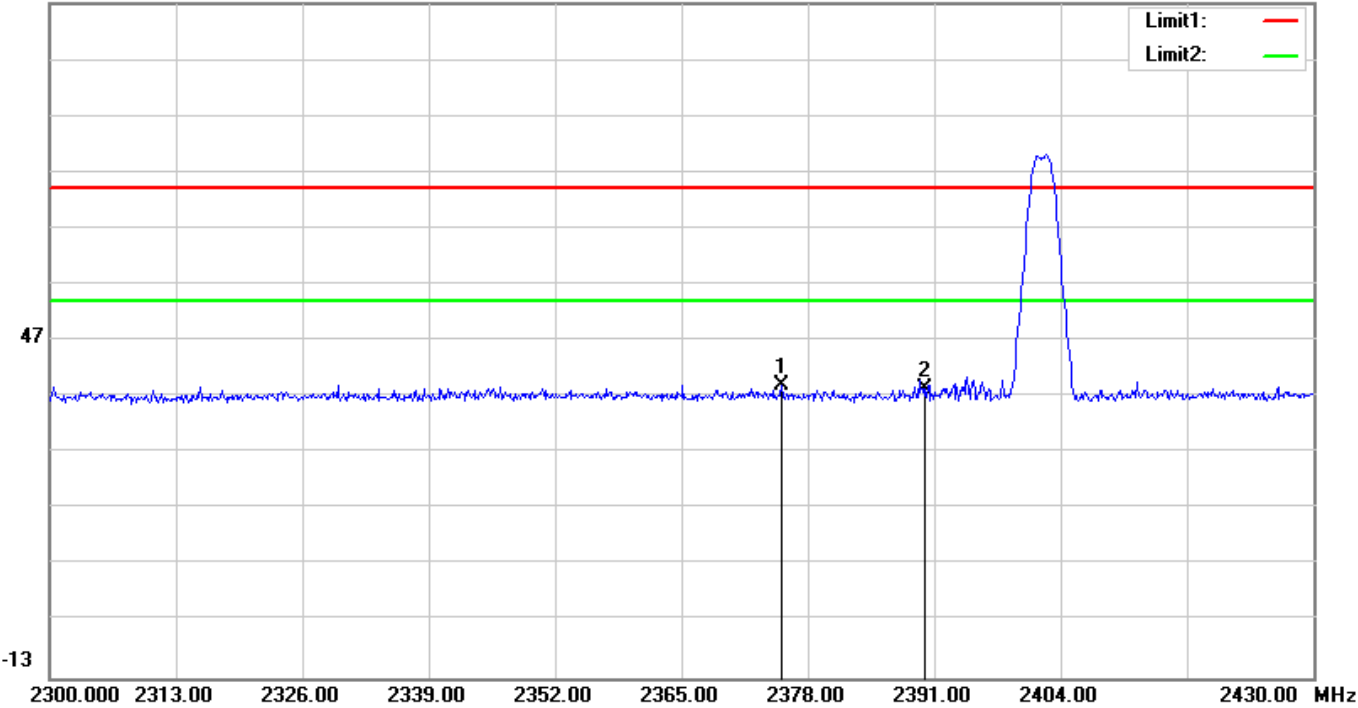
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2359.540	37.84	2.63	40.47	74.00	-33.53	200	280	peak
2	2390.000	35.25	2.71	37.96	74.00	-36.04	101	360	peak

Mode:	BLE_125kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJH55B Ble

Test Graph
107.0 dBuV/m

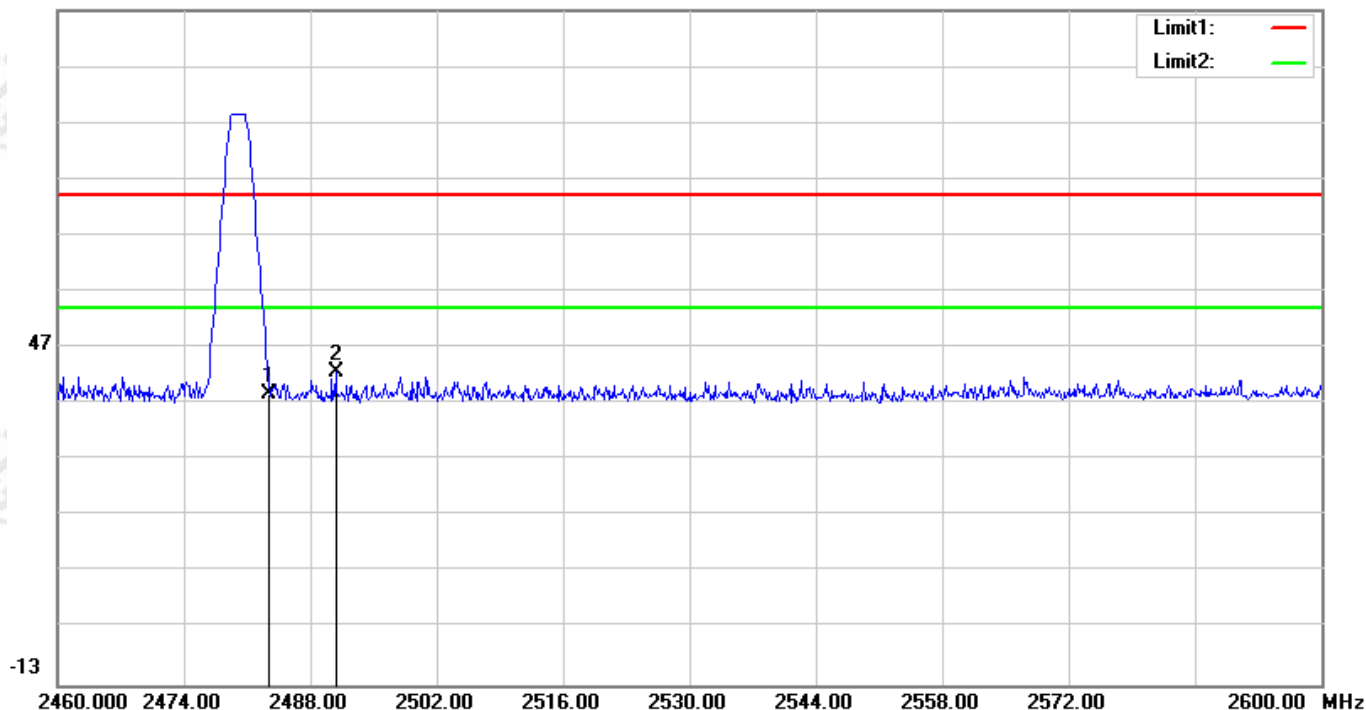


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2375.270	36.28	2.67	38.95	74.00	-35.05	134	360	peak
2	2390.000	35.79	2.71	38.50	74.00	-35.50	111	360	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH55B Ble

Test Graph

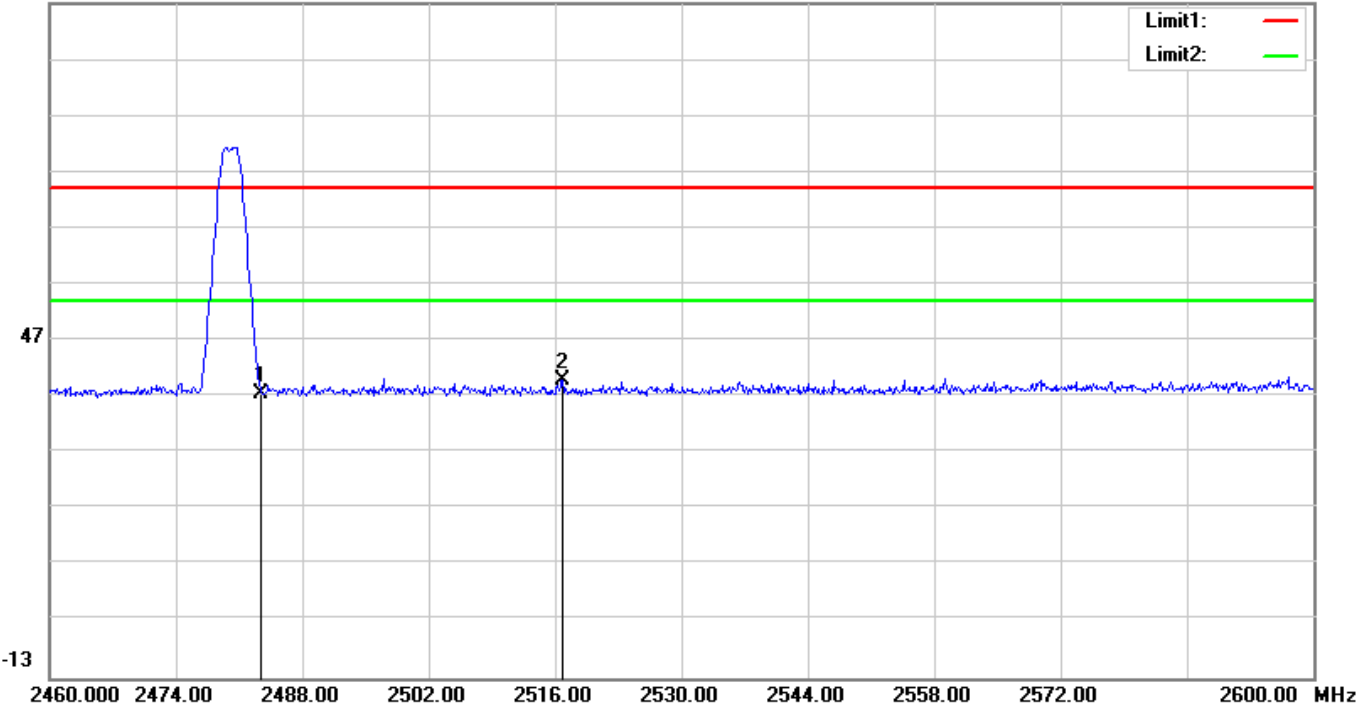
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.79	2.92	38.71	74.00	-35.29	200	41	peak
2	2490.800	39.66	2.93	42.59	74.00	-31.41	200	162	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJH55B Ble

Test Graph
107.0 dBuV/m

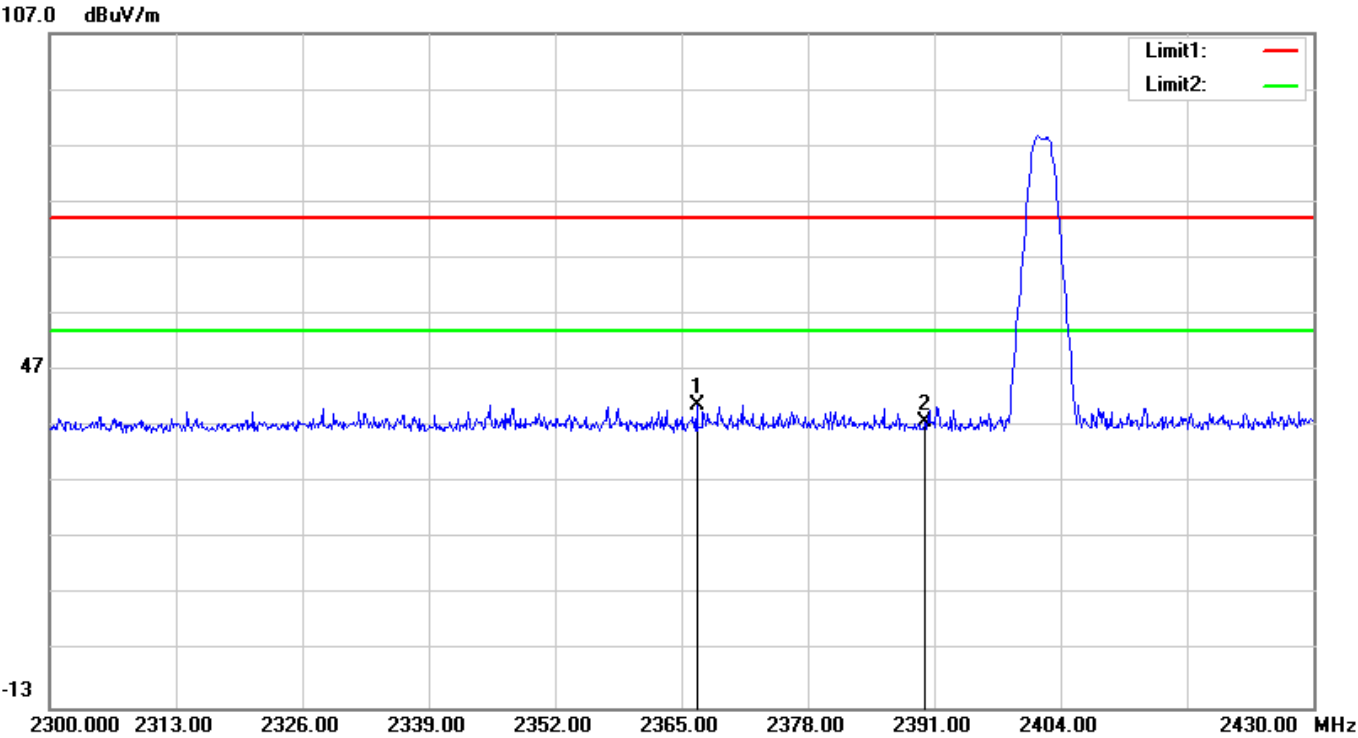


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	34.68	2.92	37.60	74.00	-36.40	200	327	peak
2	2516.840	36.92	2.99	39.91	74.00	-34.09	100	65	peak

Report No. : EED39N81438801

Mode:	BLE_500kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH55B Ble

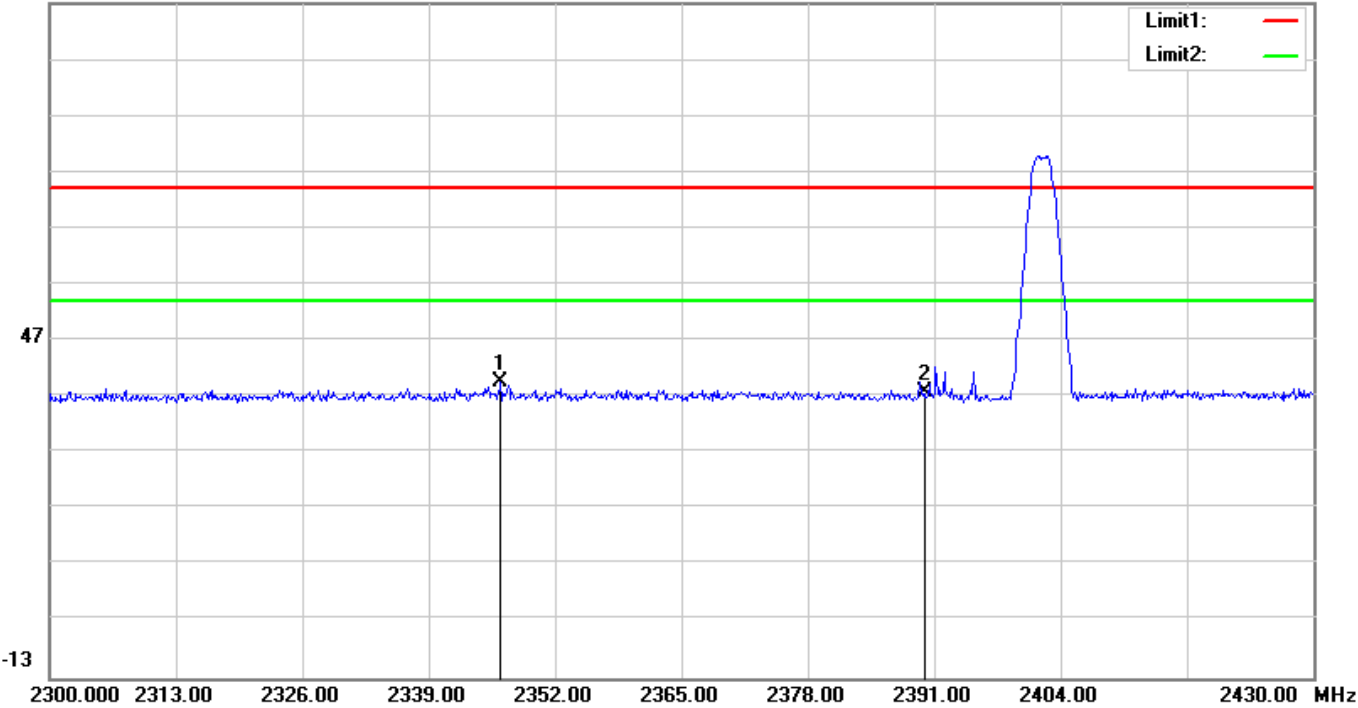
Test Graph



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2366.560	38.13	2.65	40.78	74.00	-33.22	200	263	peak
2	2390.000	35.28	2.71	37.99	74.00	-36.01	100	301	peak

Mode:	BLE_500kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJH55B Ble

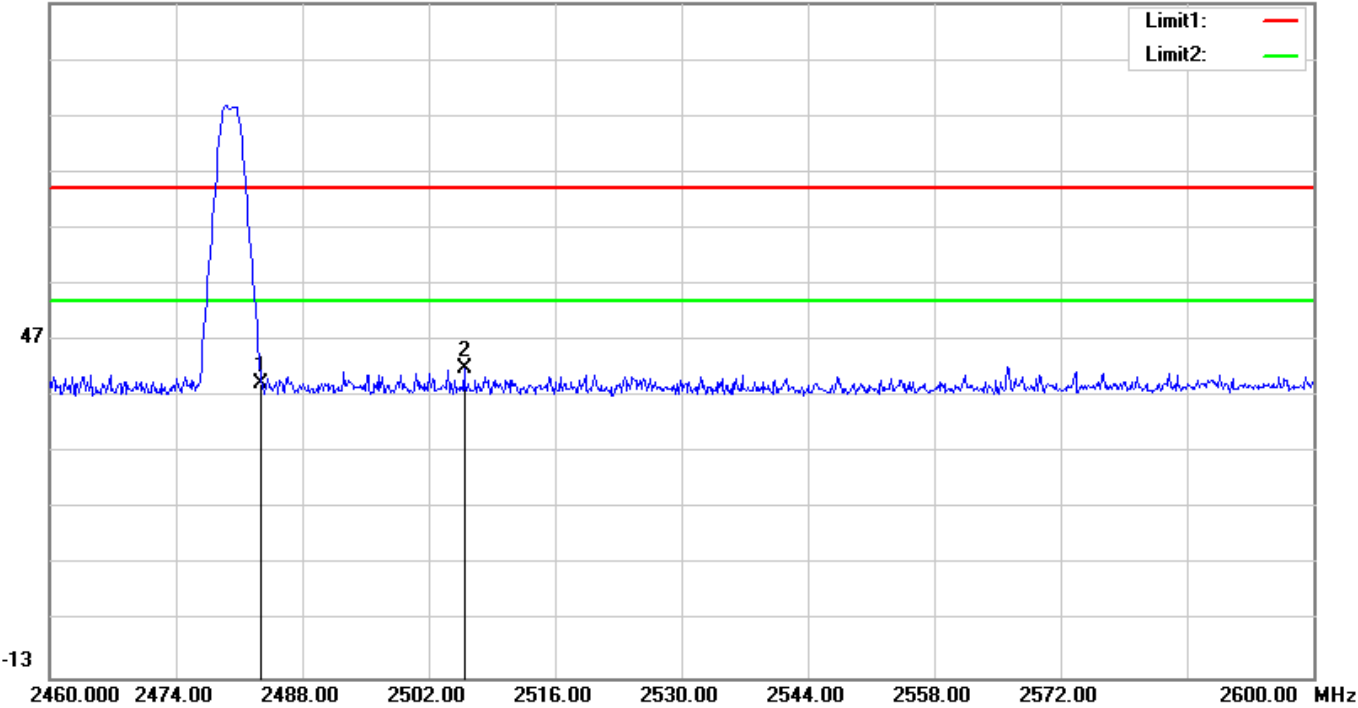
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2346.410	37.08	2.60	39.68	74.00	-34.32	110	360	peak
2	2390.000	34.99	2.71	37.70	74.00	-36.30	102	360	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH55B Ble

Test Graph
107.0 dBuV/m

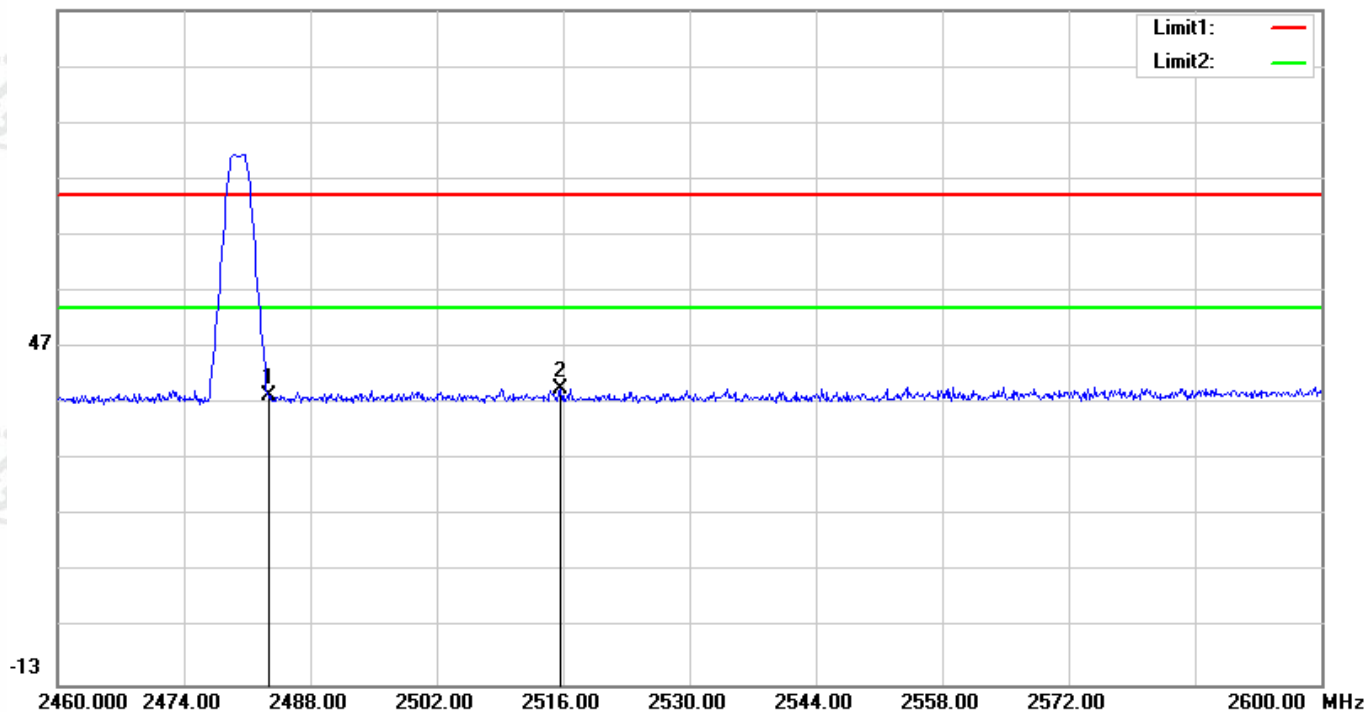


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.52	2.92	39.44	74.00	-34.56	100	274	peak
2	2505.920	39.06	2.96	42.02	74.00	-31.98	100	306	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJH55B Ble

Test Graph

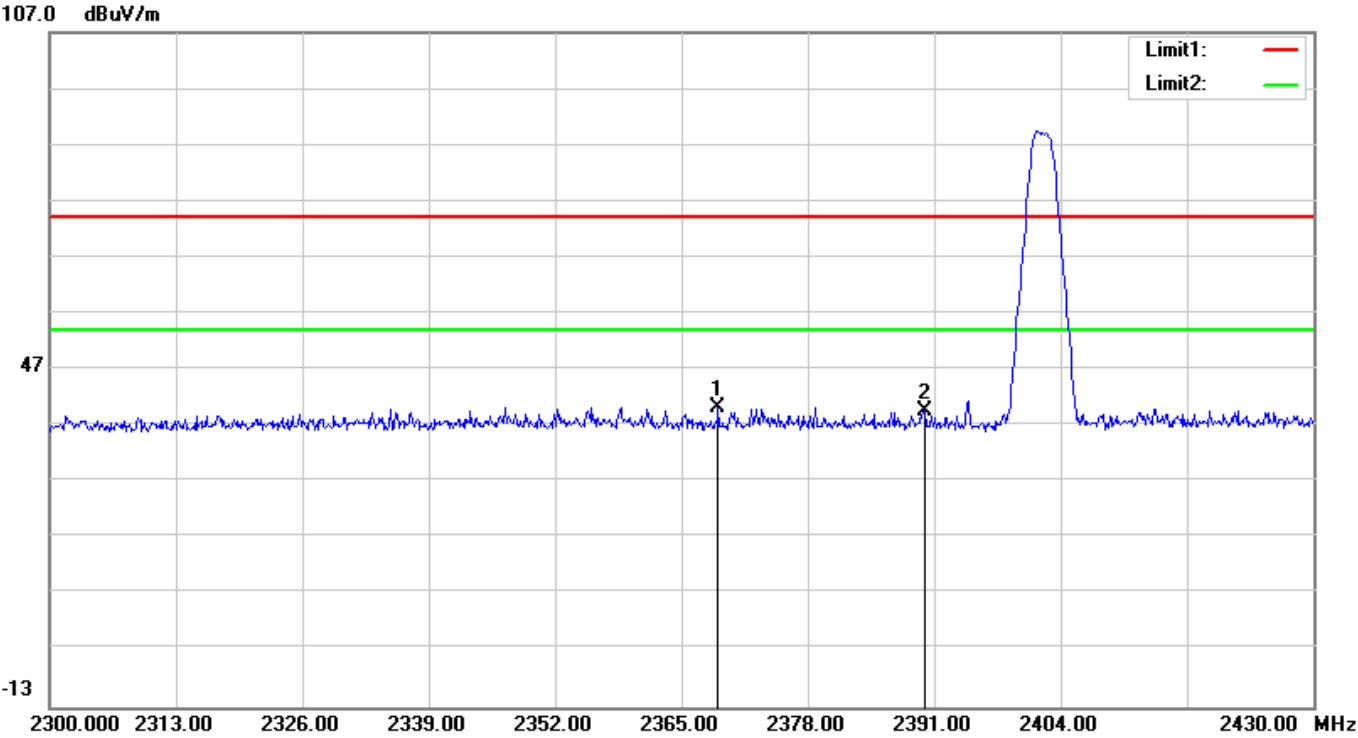
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.45	2.92	38.37	74.00	-35.63	100	333	peak
2	2515.720	36.57	2.98	39.55	74.00	-34.45	199	360	peak

Mode:	BLE_1M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJSR06 Ble

Test Graph

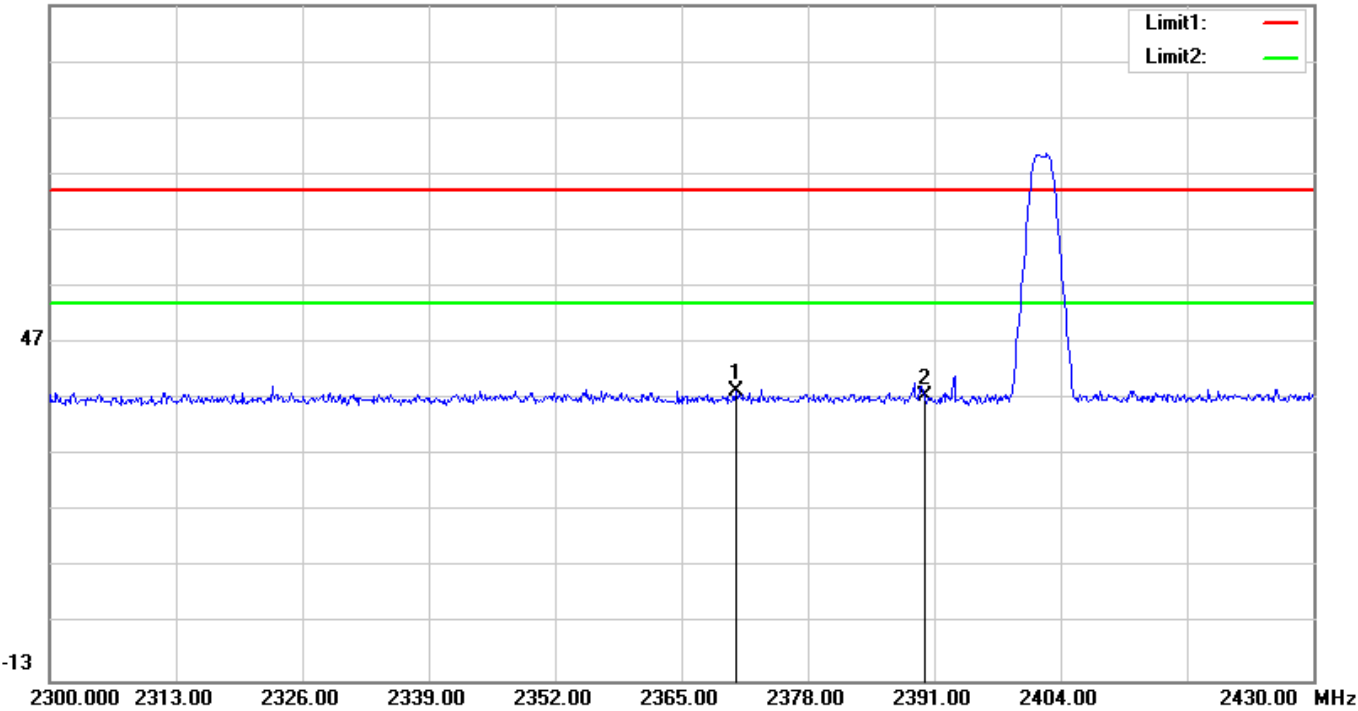


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2368.770	37.67	2.66	40.33	74.00	-33.67	200	272	peak
2	2390.000	36.85	2.71	39.56	74.00	-34.44	200	262	peak

Mode:	BLE_1M	Channel:	2402
Remark:	Vertical	Test model No.:	HJSR06 Ble

Test Graph

107.0 dBuV/m

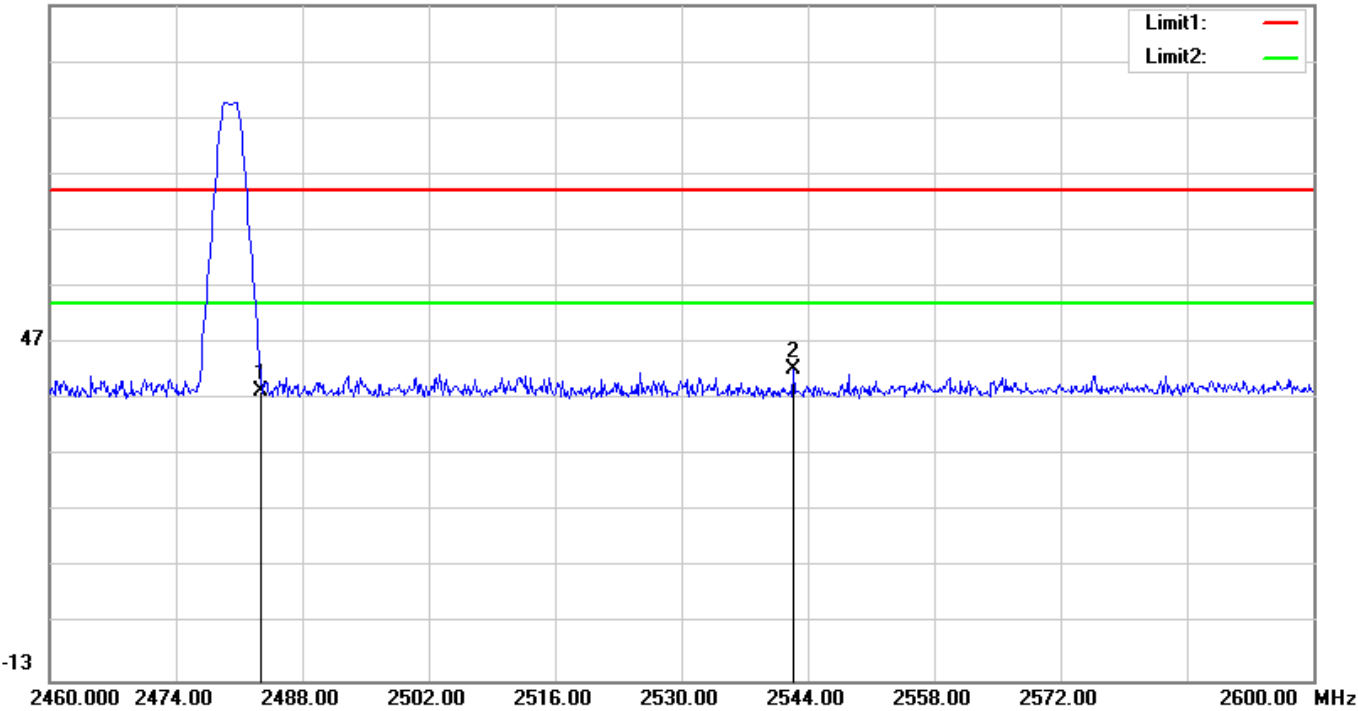


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2370.590	35.69	2.66	38.35	74.00	-35.65	100	189	peak
2	2390.000	34.74	2.71	37.45	74.00	-36.55	200	40	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJSR06 Ble

Test Graph

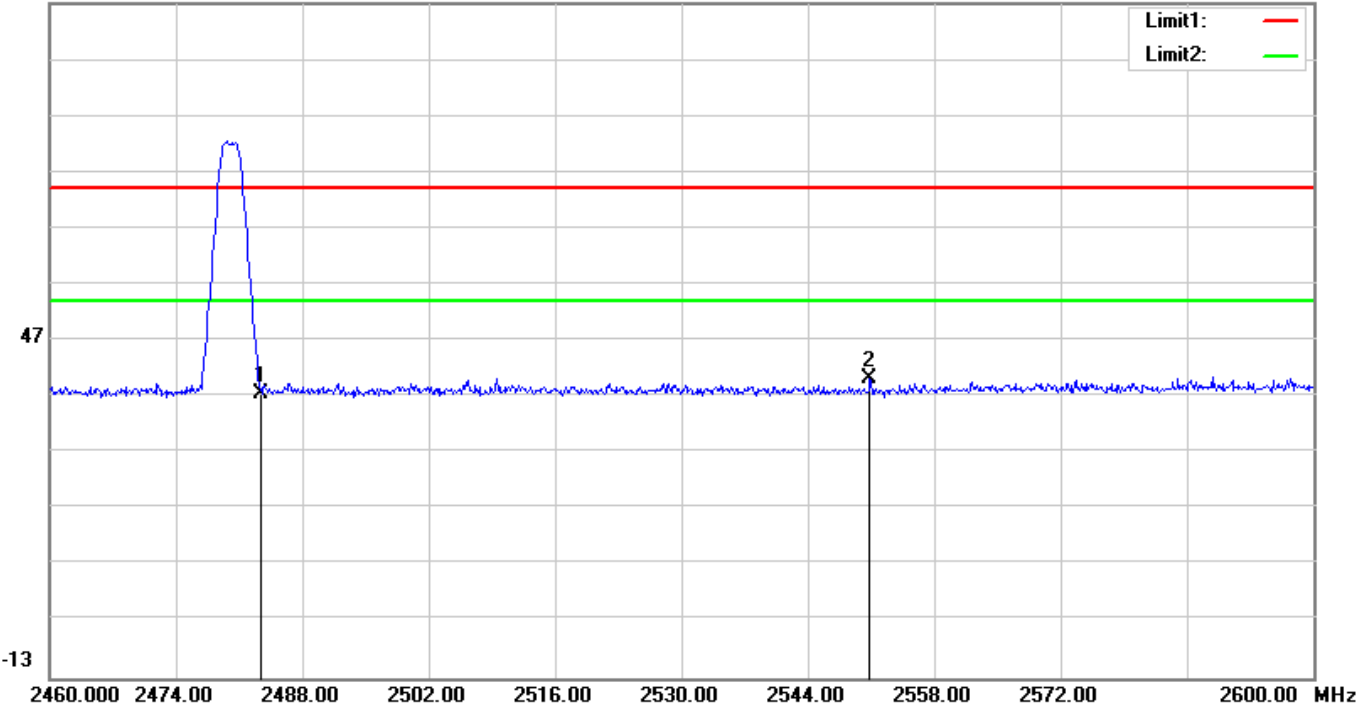
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	35.60	2.92	38.52	74.00	-35.48	100	32	peak
2	2542.460	39.19	3.04	42.23	74.00	-31.77	200	324	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Vertical	Test model No.:	HJSR06 Ble

Test Graph
107.0 dBuV/m

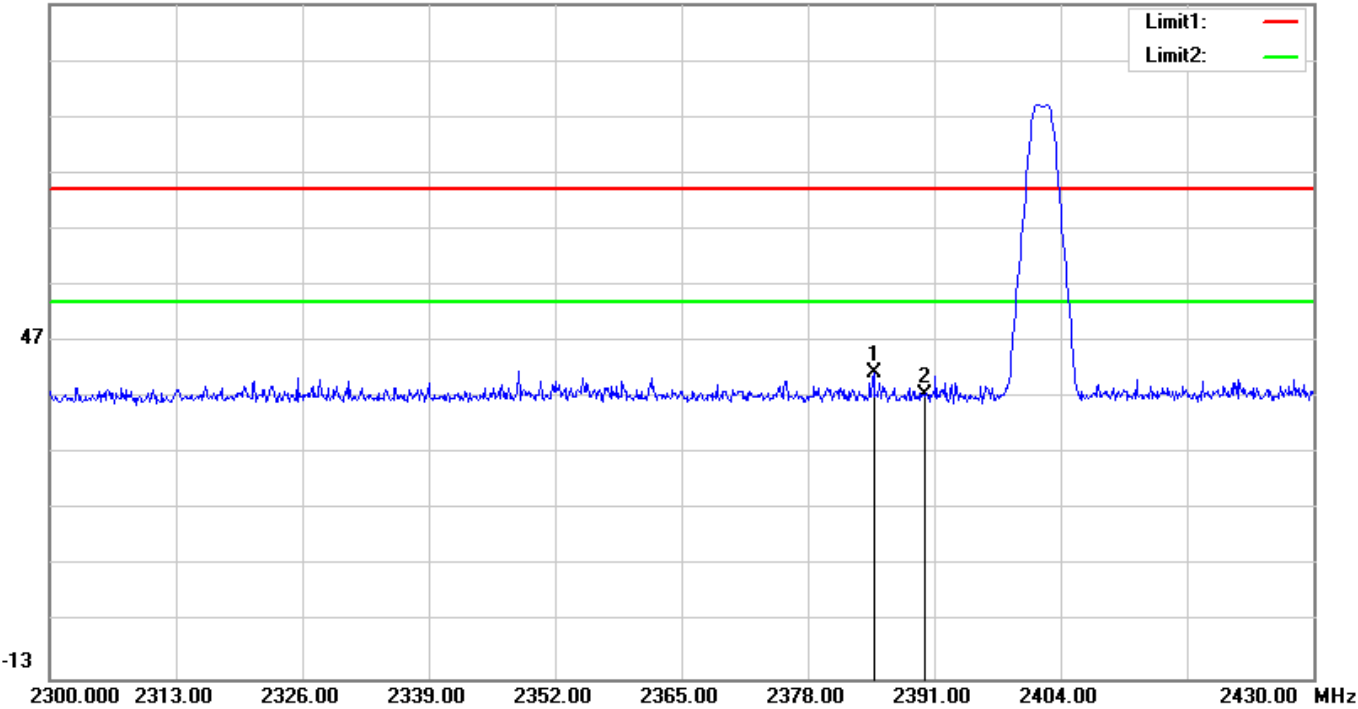


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	34.59	2.92	37.51	74.00	-36.49	100	173	peak
2	2550.860	37.12	3.06	40.18	74.00	-33.82	200	339	peak

Report No. : EED39N81438801

Mode:	BLE_2M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJSR06 Ble

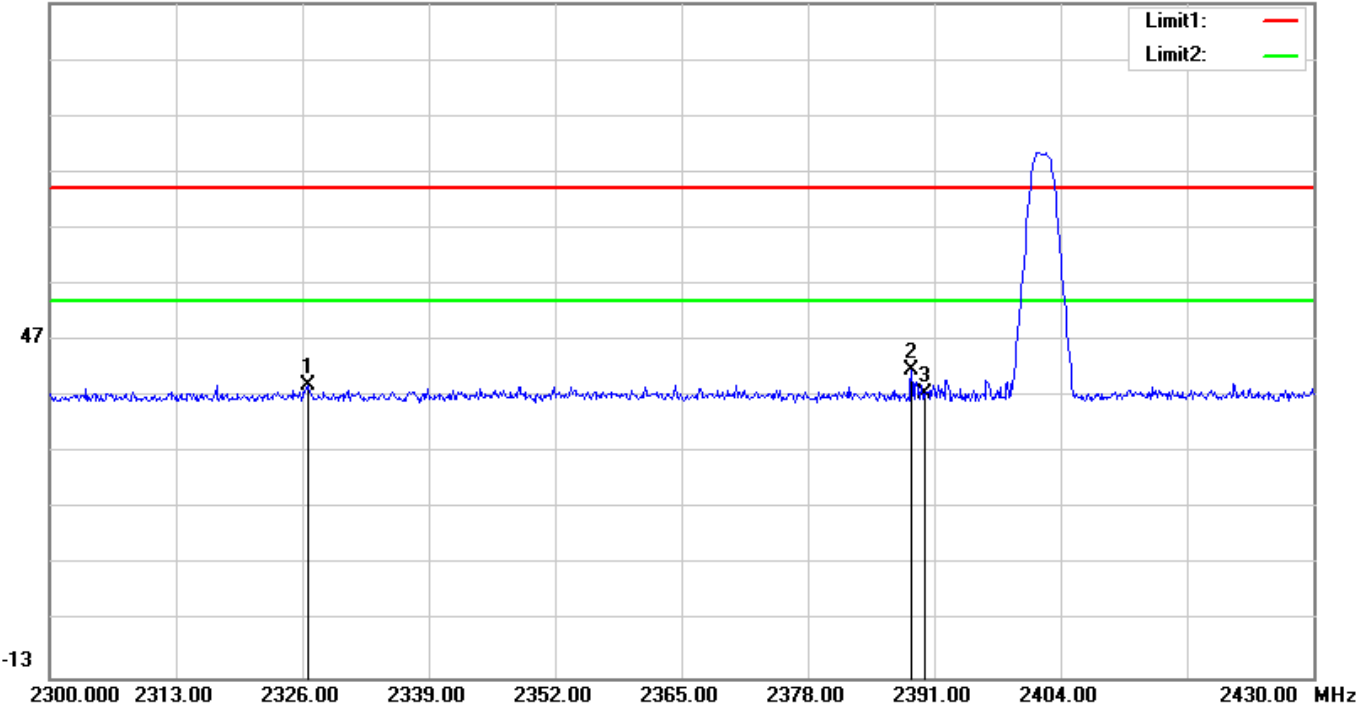
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2384.760	38.76	2.70	41.46	74.00	-32.54	200	275	peak
2	2390.000	34.92	2.71	37.63	74.00	-36.37	200	275	peak

Mode:	BLE_2M	Channel:	2402
Remark:	Vertical	Test model No.:	HJSR06 Ble

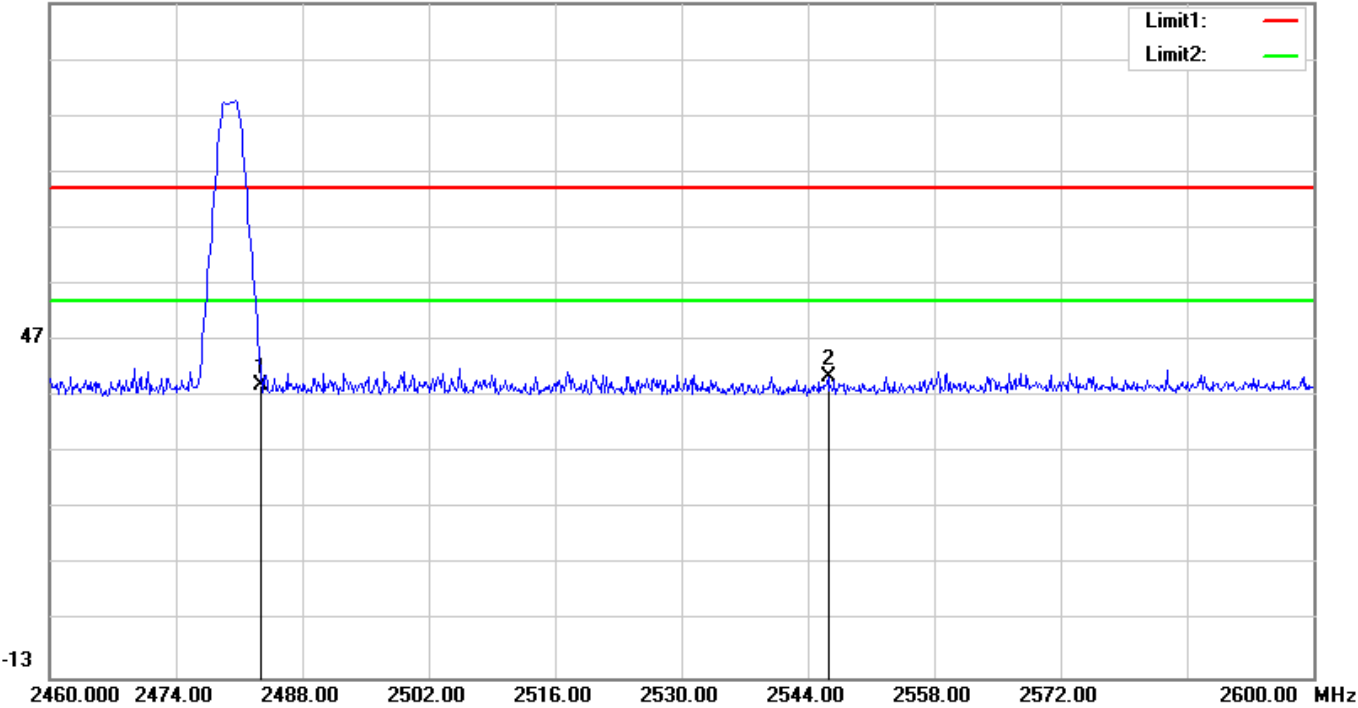
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2326.520	36.50	2.54	39.04	74.00	-34.96	100	246	peak
2	2388.660	39.04	2.71	41.75	74.00	-32.25	200	339	peak
3	2390.000	34.73	2.71	37.44	74.00	-36.56	200	346	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJSR06 Ble

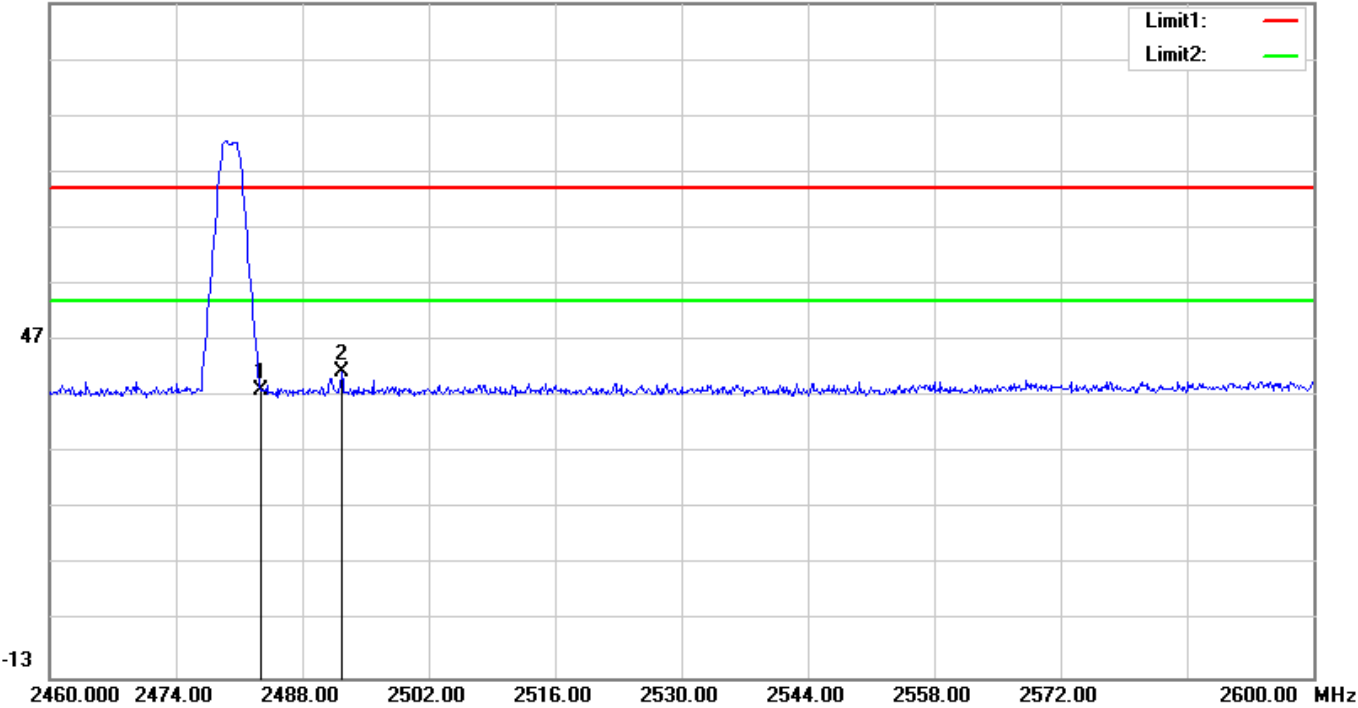
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	36.22	2.92	39.14	74.00	-34.86	100	271	peak
2	2546.240	37.64	3.05	40.69	74.00	-33.31	200	318	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Vertical	Test model No.:	HJSR06 Ble

Test Graph
107.0 dBuV/m

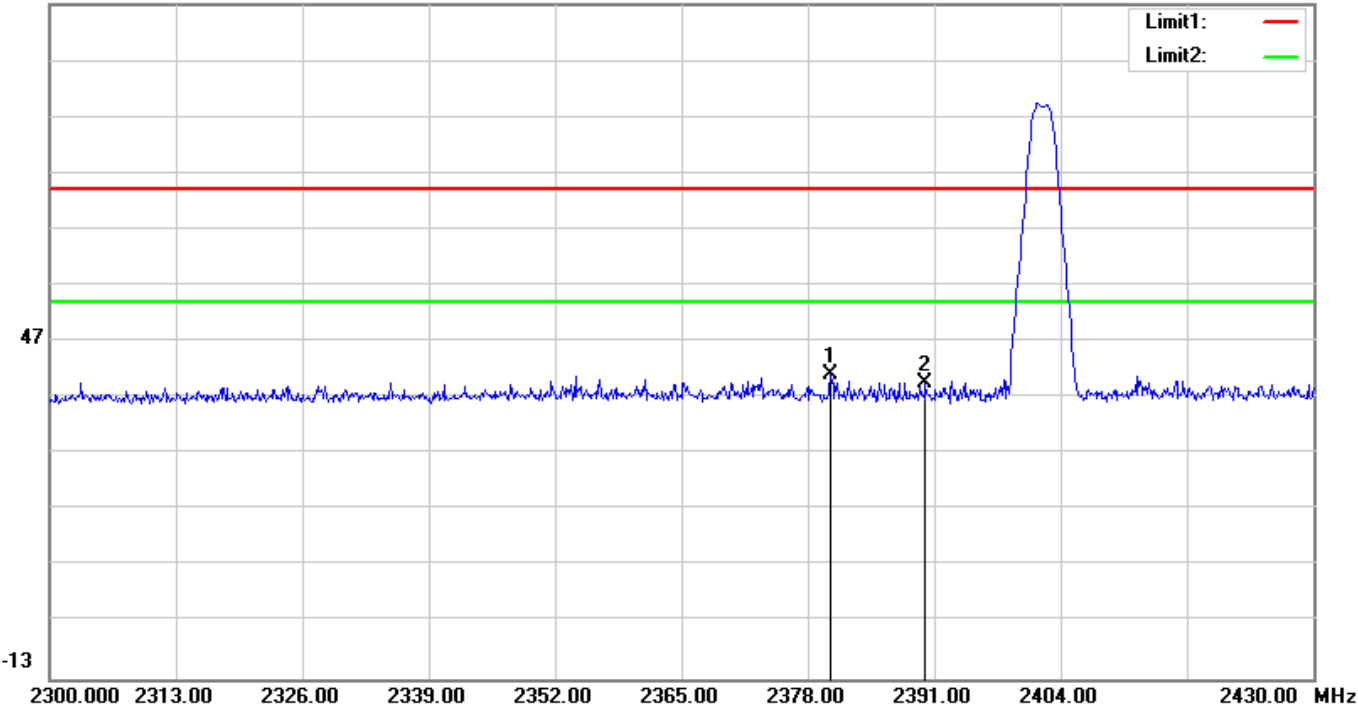


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.16	2.92	38.08	74.00	-35.92	200	143	peak
2	2492.340	38.41	2.93	41.34	74.00	-32.66	200	281	peak

Report No. : EED39N81438801

Mode:	BLE_125kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJSR06 Ble

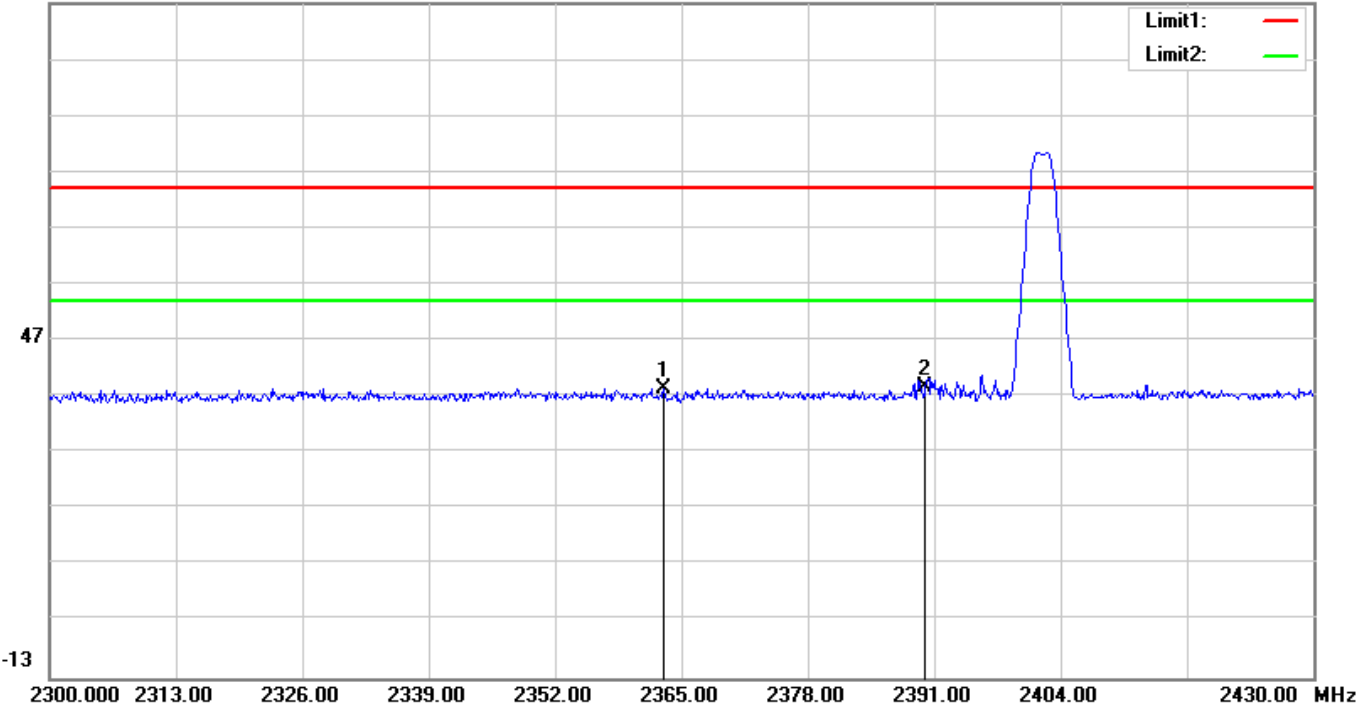
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2380.340	38.40	2.69	41.09	74.00	-32.91	200	272	peak
2	2390.000	37.08	2.71	39.79	74.00	-34.21	200	262	peak

Mode:	BLE_125kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJSR06 Ble

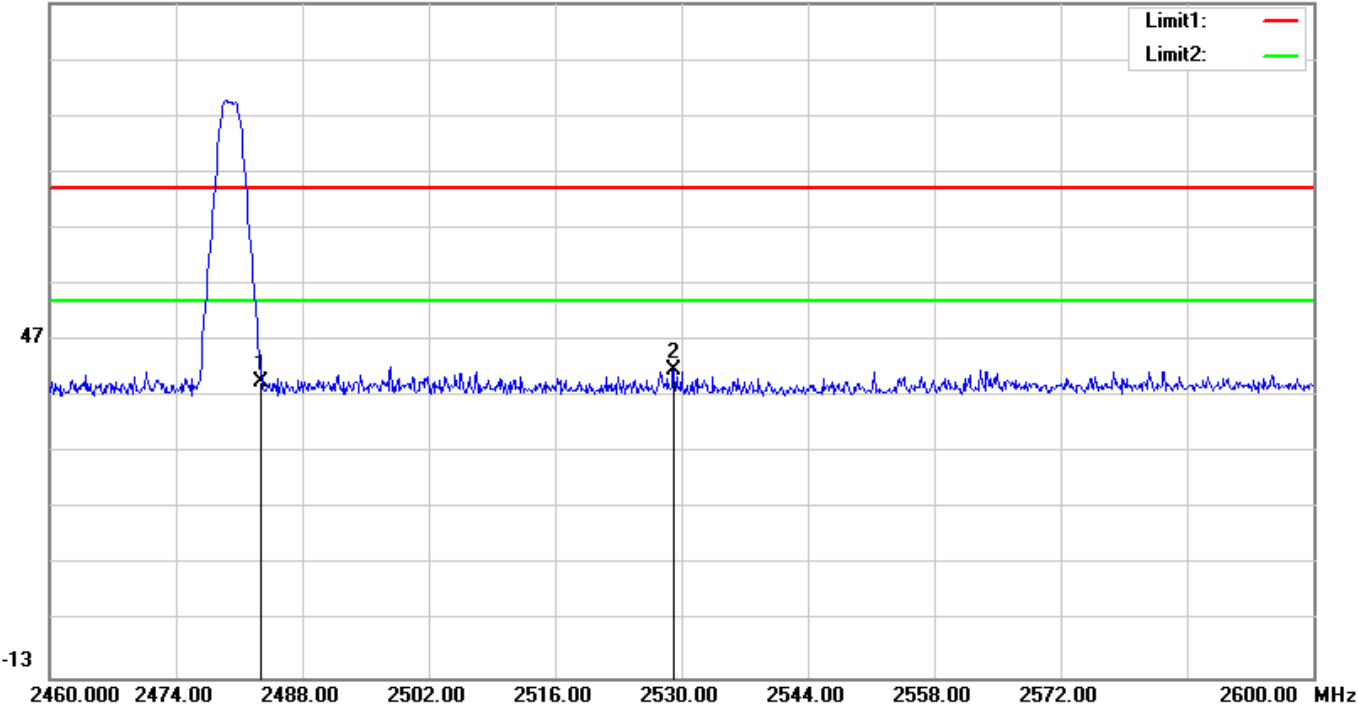
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2363.180	35.92	2.64	38.56	74.00	-35.44	200	201	peak
2	2390.000	35.99	2.71	38.70	74.00	-35.30	101	360	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJSR06 Ble

Test Graph
107.0 dBuV/m

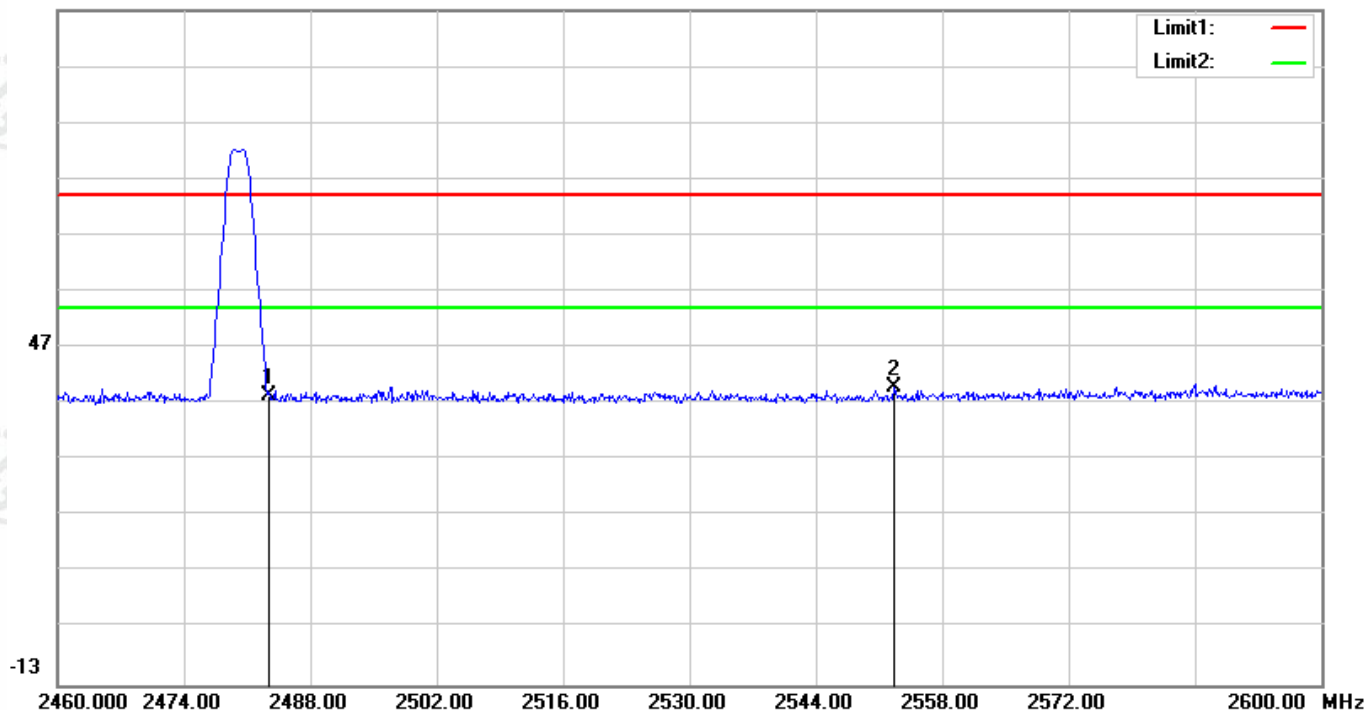


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.74	2.92	39.66	74.00	-34.34	200	304	peak
2	2529.160	38.73	3.01	41.74	74.00	-32.26	200	301	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJSR06 Ble

Test Graph

107.0 dBuV/m

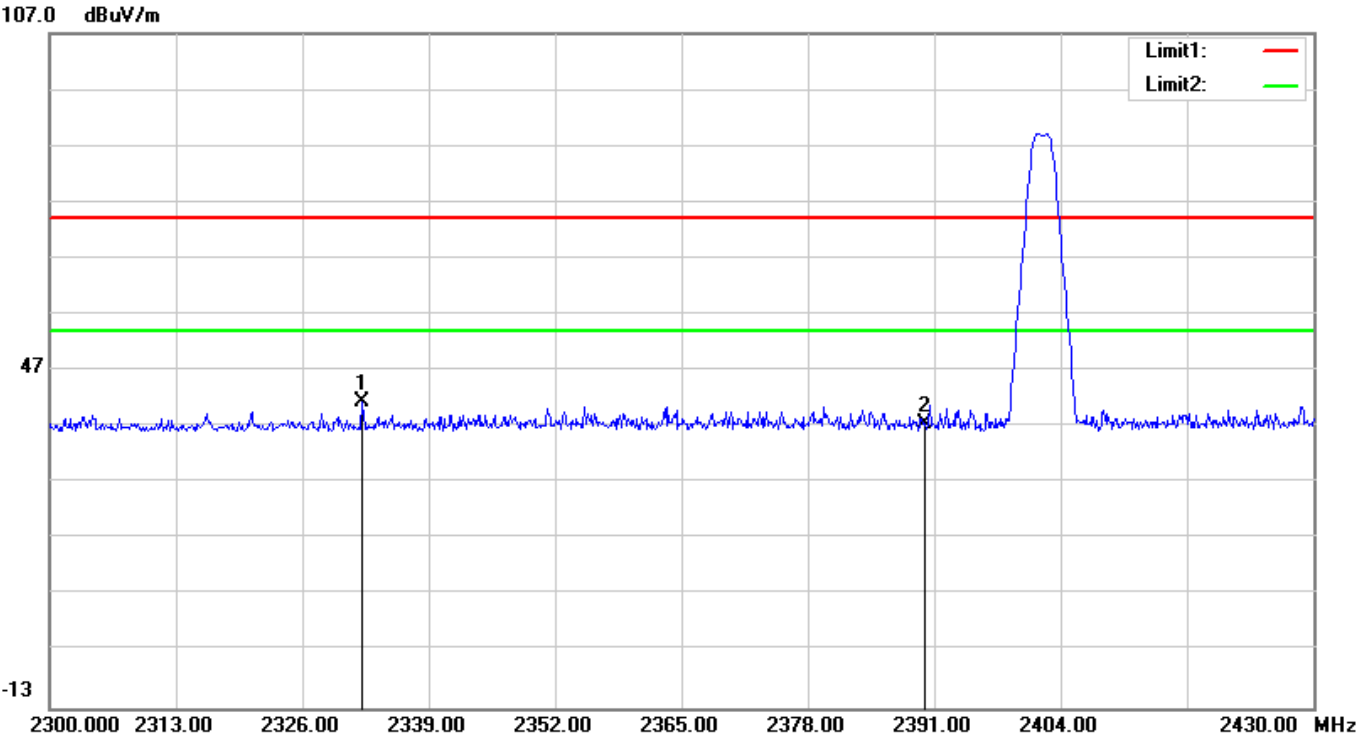


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.46	2.92	38.38	74.00	-35.62	100	173	peak
2	2552.680	36.78	3.06	39.84	74.00	-34.16	200	78	peak

Report No. : EED39N81438801

Mode:	BLE_500kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJSR06 Ble

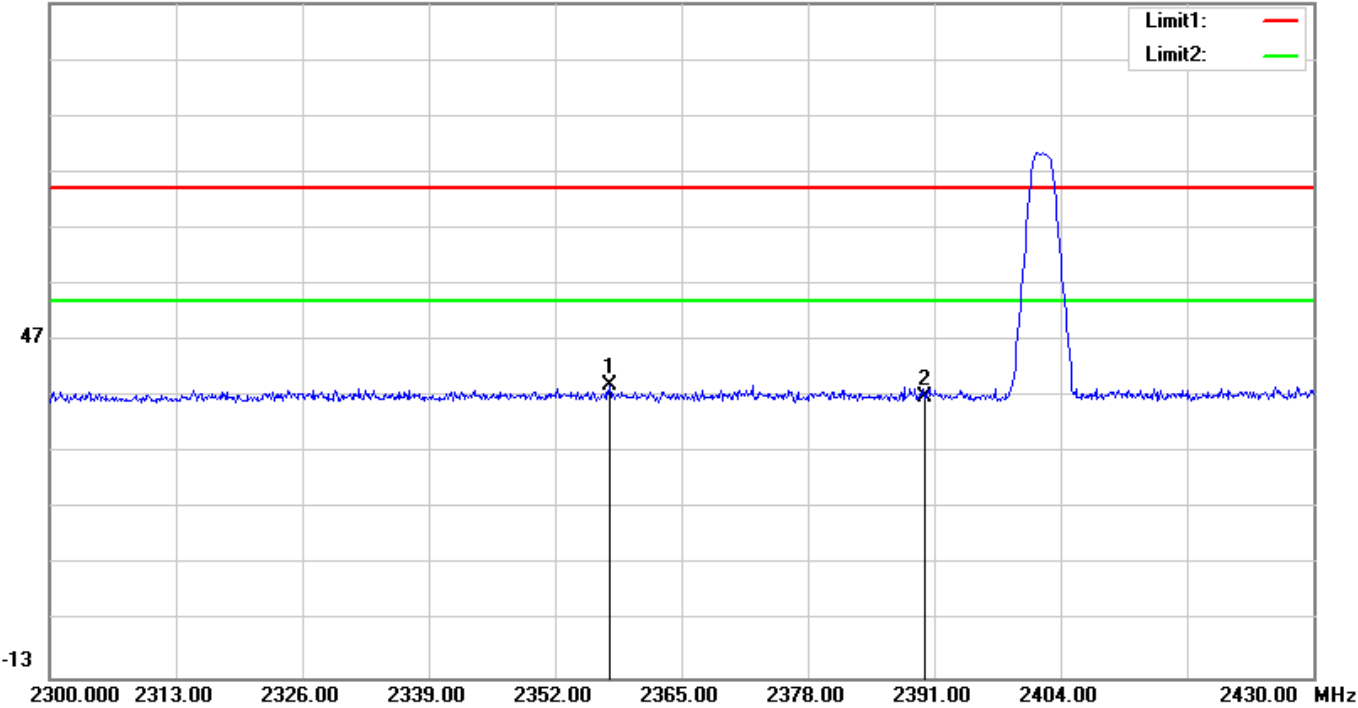
Test Graph



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2332.110	38.96	2.56	41.52	74.00	-32.48	200	273	peak
2	2390.000	34.94	2.71	37.65	74.00	-36.35	100	160	peak

Mode:	BLE_500kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJSR06 Ble

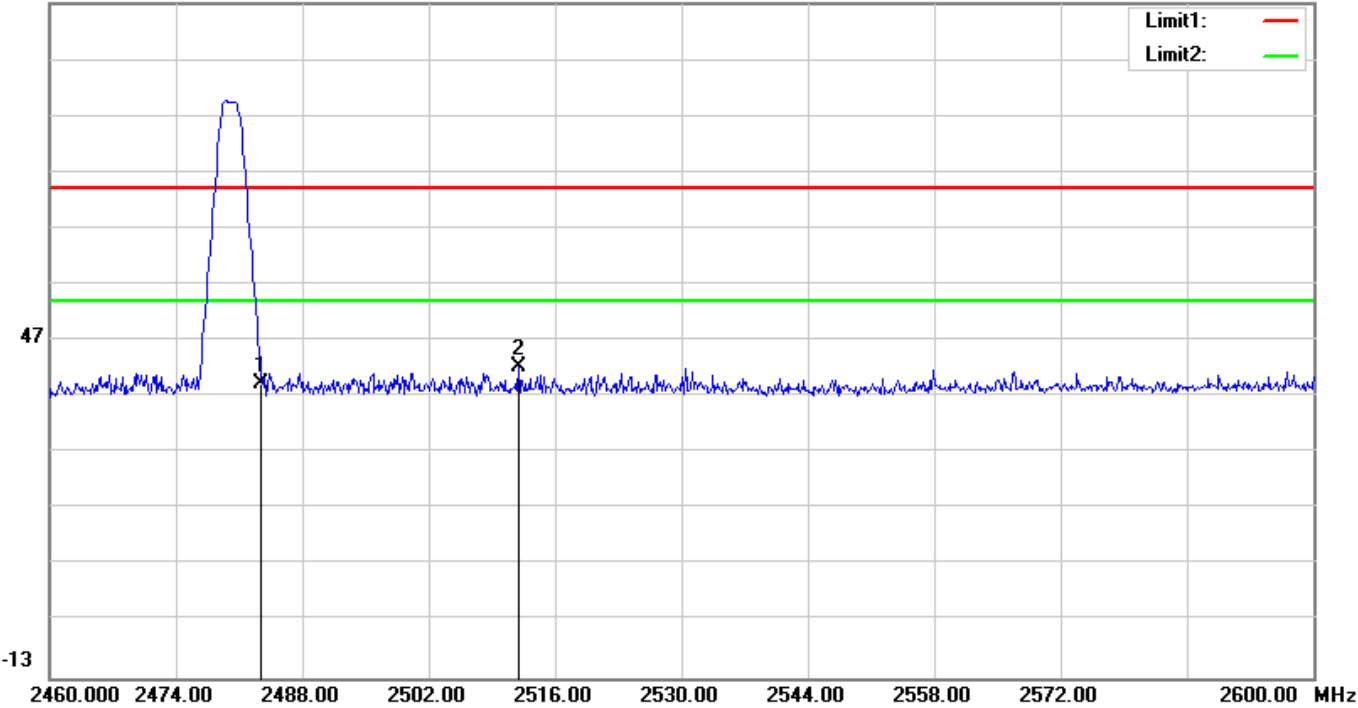
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2357.590	36.36	2.63	38.99	74.00	-35.01	100	32	peak
2	2390.000	34.22	2.71	36.93	74.00	-37.07	200	278	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJSR06 Ble

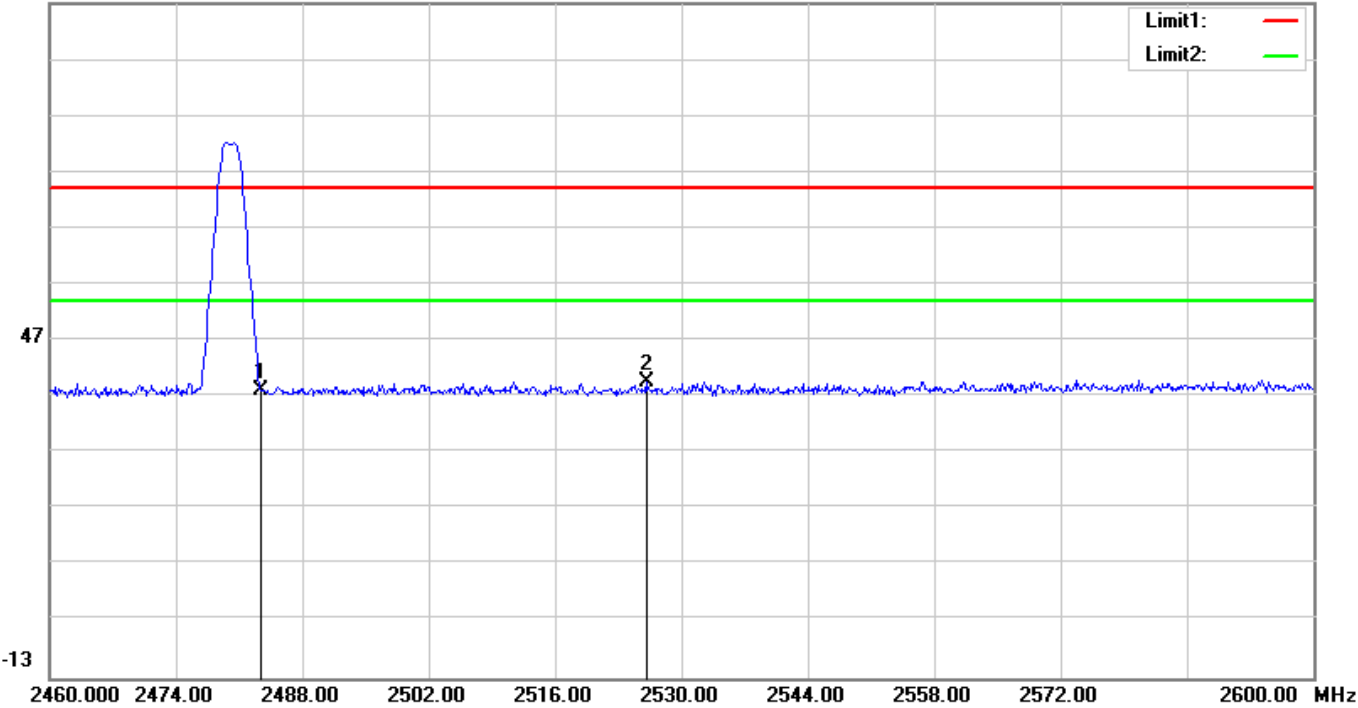
Test Graph
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.42	2.92	39.34	74.00	-34.66	100	262	peak
2	2511.940	39.23	2.98	42.21	74.00	-31.79	100	302	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJSR06 Ble

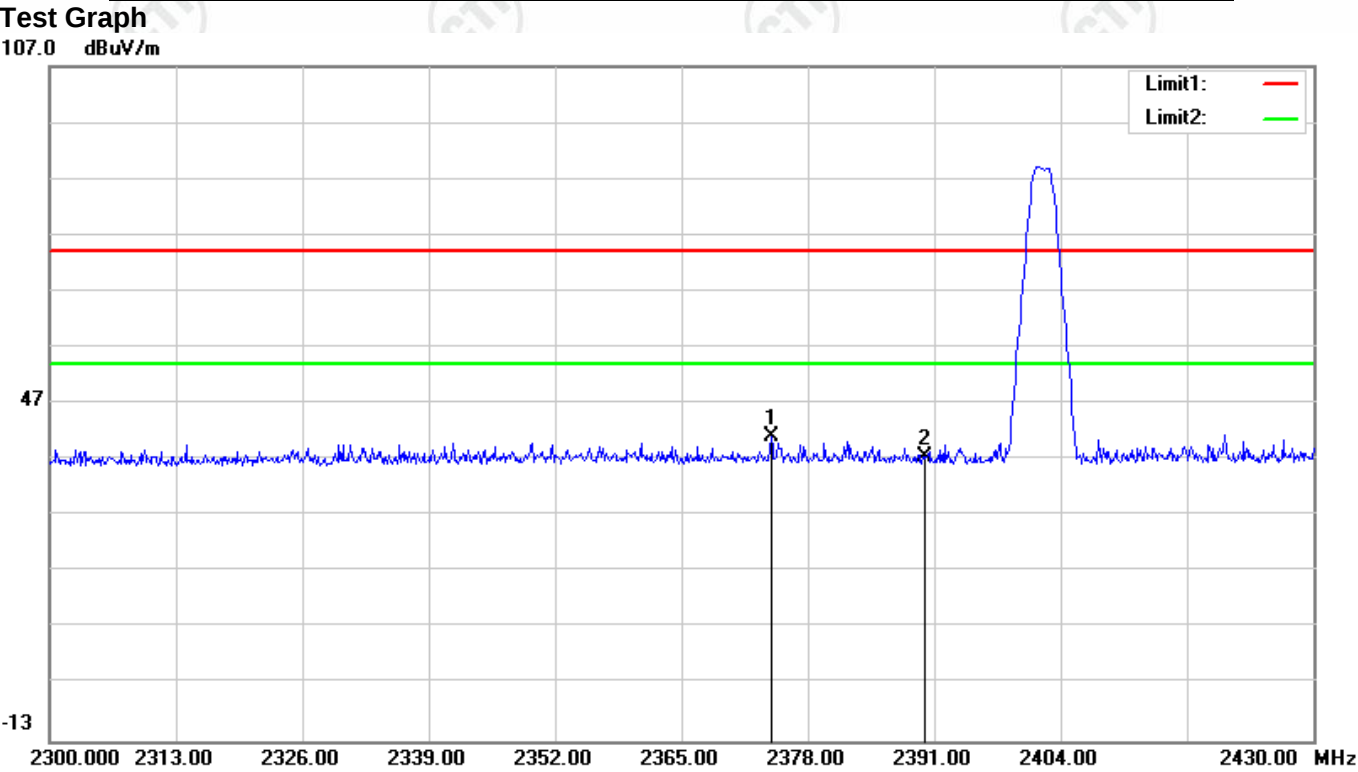
Test Graph
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	35.21	2.92	38.13	74.00	-35.87	200	138	peak
2	2526.080	36.79	3.00	39.79	74.00	-34.21	200	134	peak

Report No. : EED39N81438801

Mode:	BLE_1M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH109 BLE

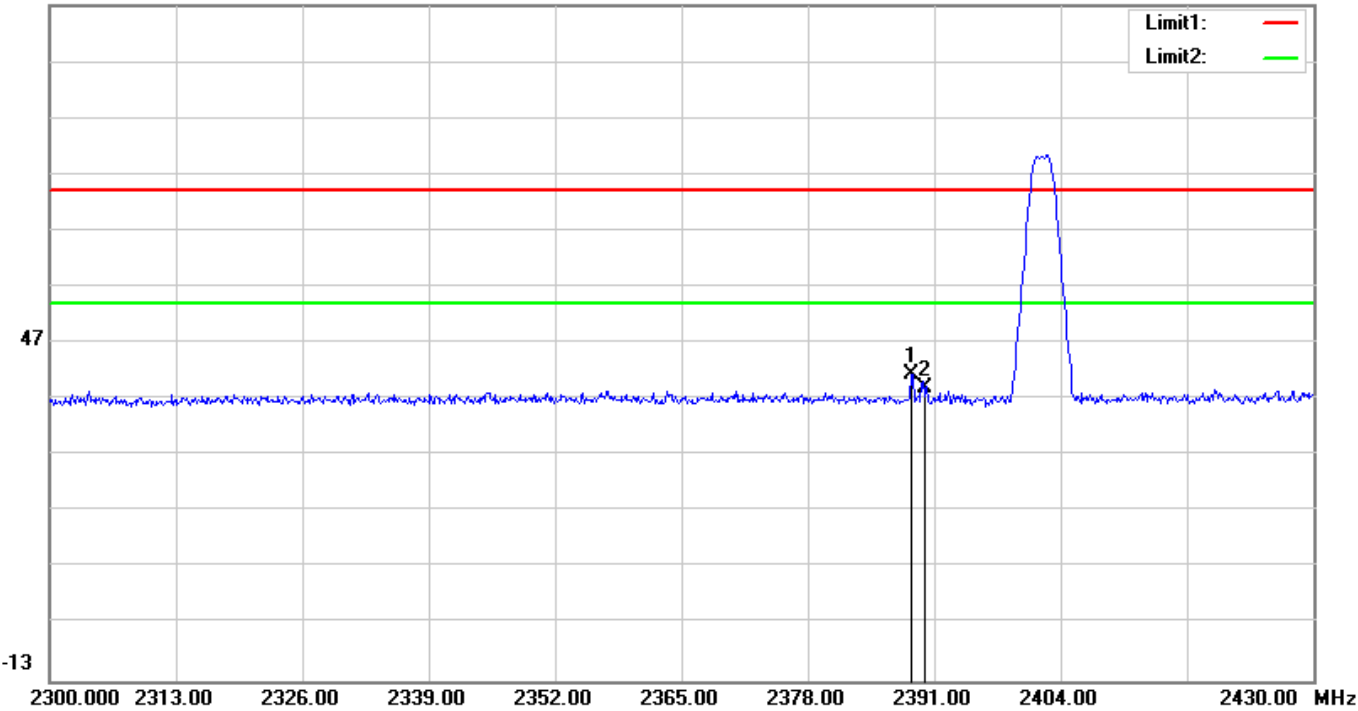


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2374.230	38.50	2.67	41.17	74.00	-32.83	200	262	peak
2	2390.000	34.77	2.71	37.48	74.00	-36.52	200	220	peak

Mode:	BLE_1M	Channel:	2402
Remark:	Vertical	Test model No.:	HJH109 BLE

Test Graph

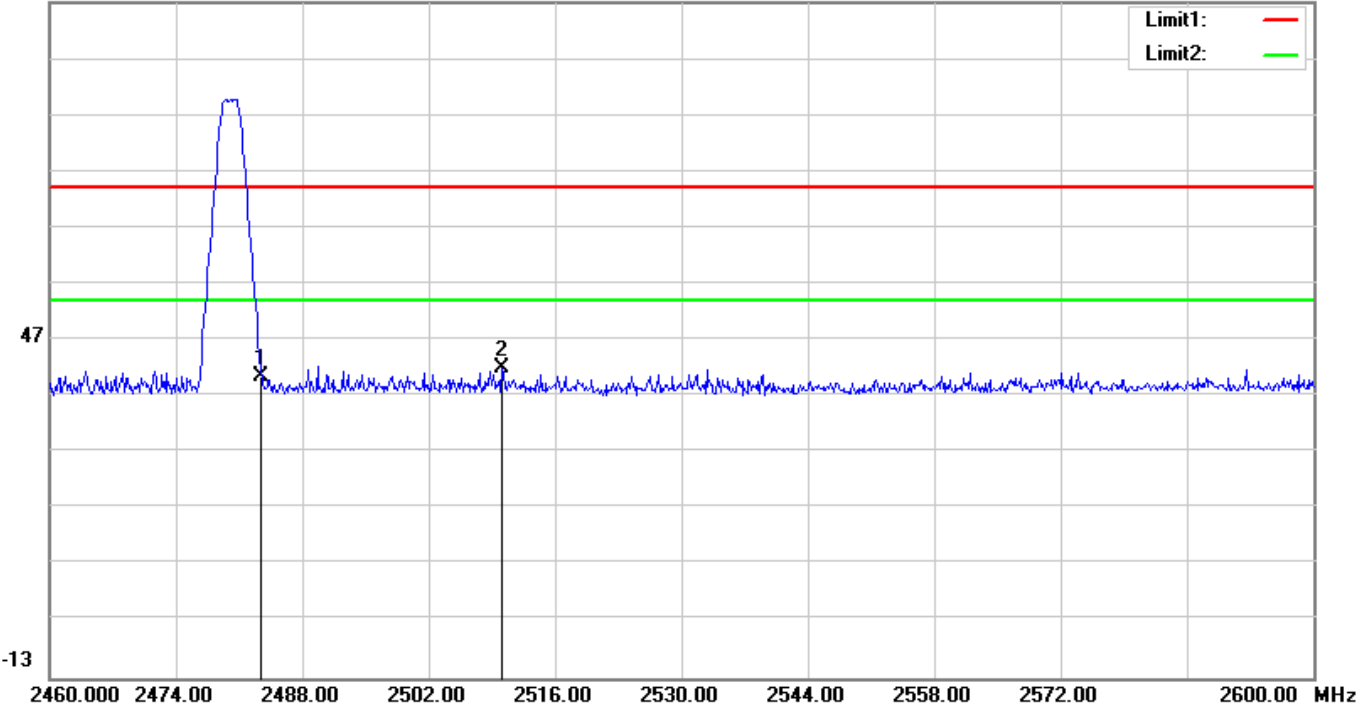
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2388.660	38.75	2.71	41.46	74.00	-32.54	200	3	peak
2	2390.000	36.31	2.71	39.02	74.00	-34.98	140	360	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH109 BLE

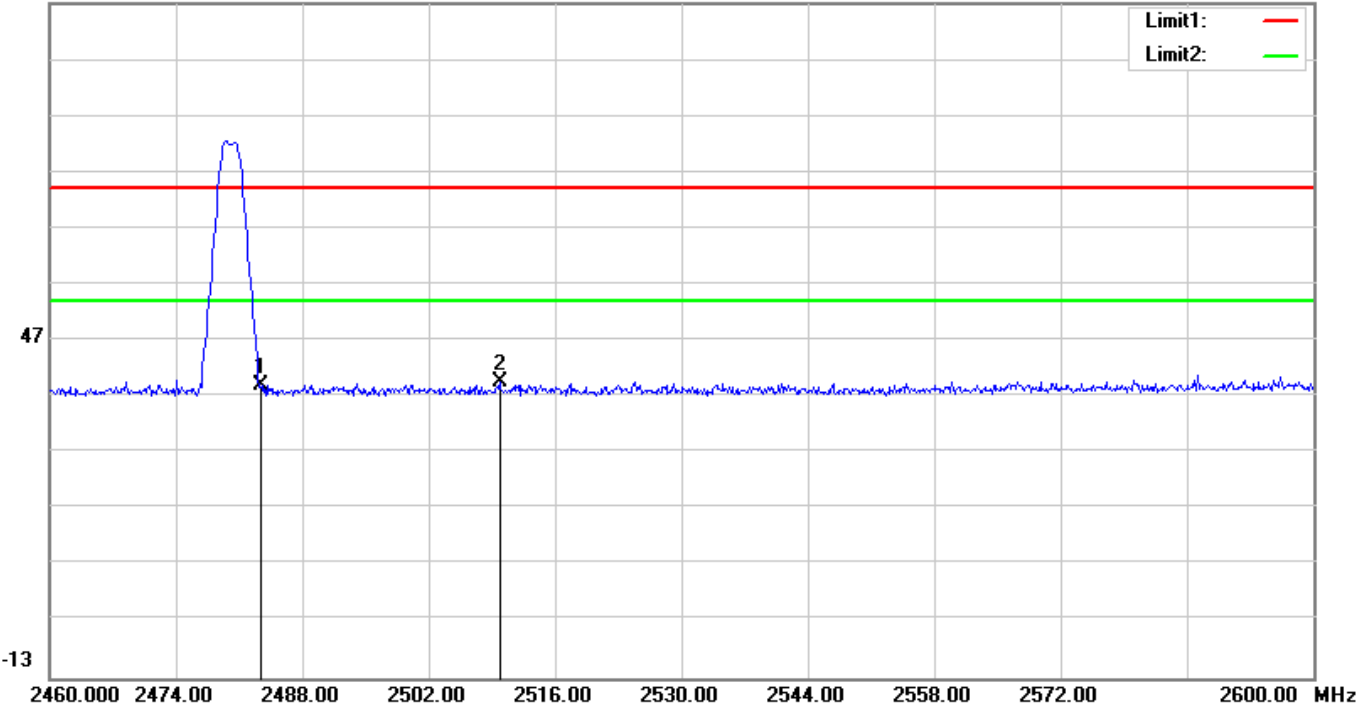
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	37.66	2.92	40.58	74.00	-33.42	200	262	peak
2	2510.120	39.03	2.97	42.00	74.00	-32.00	200	300	peak

Mode:	BLE_1M	Channel:	2480
Remark:	Vertical	Test model No.:	HJH109 BLE

Test Graph
107.0 dBuV/m

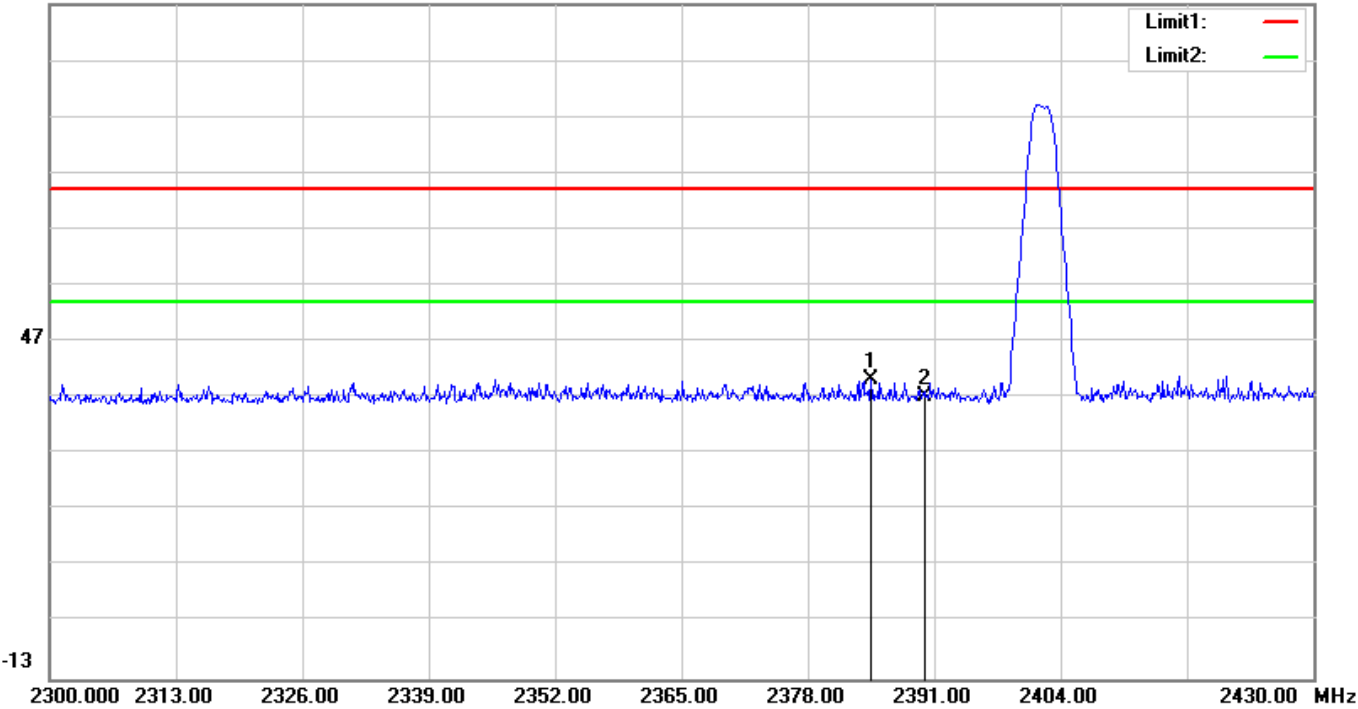


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.09	2.92	39.01	74.00	-34.99	108	360	peak
2	2509.840	36.80	2.97	39.77	74.00	-34.23	113	360	peak

Report No. : EED39N81438801

Mode:	BLE_2M	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH109 BLE

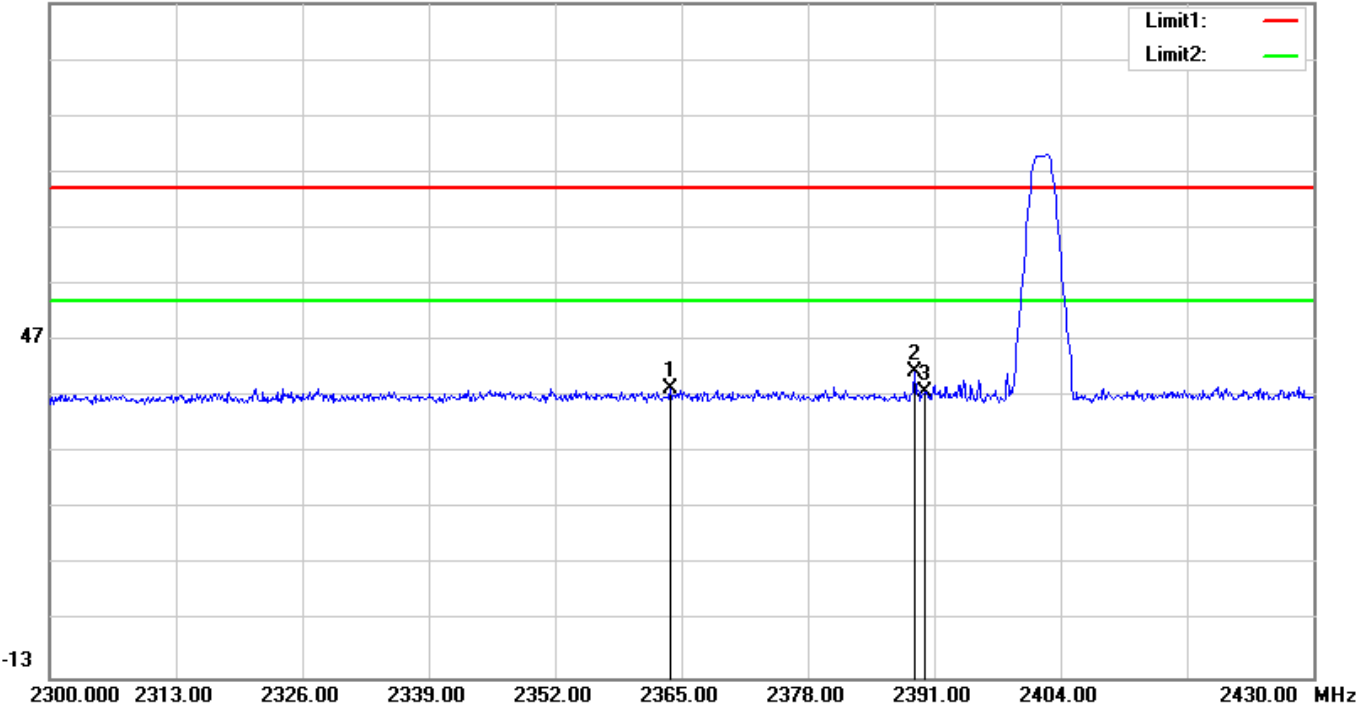
Test Graph
107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2384.500	37.45	2.70	40.15	74.00	-33.85	200	304	peak
2	2390.000	34.67	2.71	37.38	74.00	-36.62	100	154	peak

Mode:	BLE_2M	Channel:	2402
Remark:	Vertical	Test model No.:	HJH109 BLE

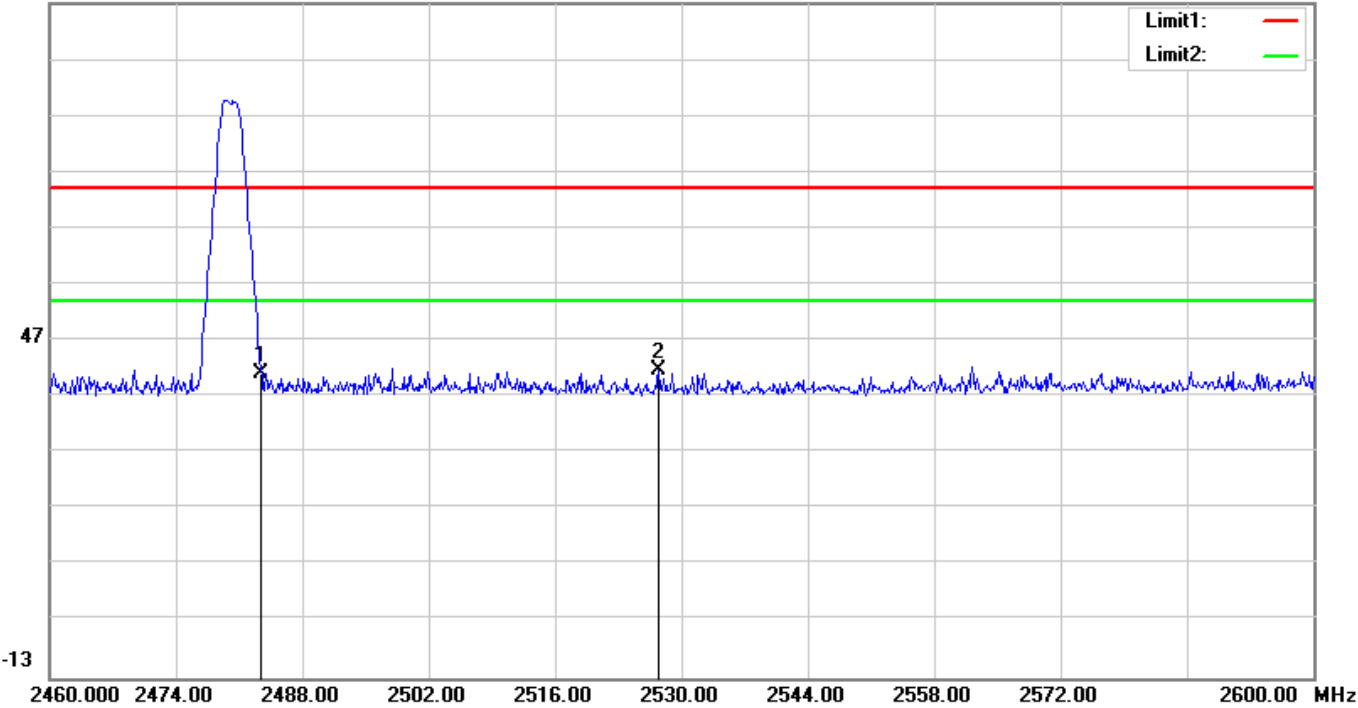
Test Graph
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2363.830	35.67	2.64	38.31	74.00	-35.69	200	269	peak
2	2388.920	38.84	2.71	41.55	74.00	-32.45	200	53	peak
3	2390.000	35.17	2.71	37.88	74.00	-36.12	142	360	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH109 BLE

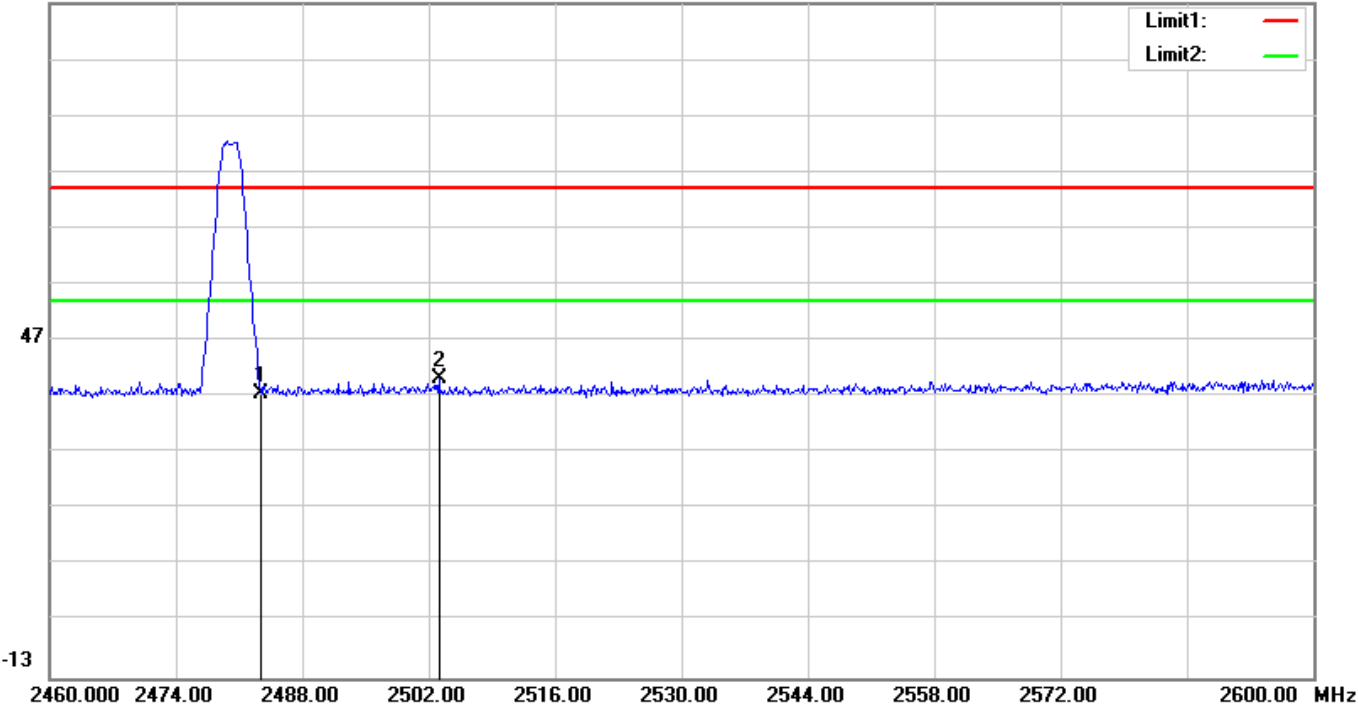
Test Graph
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	38.31	2.92	41.23	74.00	-32.77	200	297	peak
2	2527.480	38.68	3.01	41.69	74.00	-32.31	200	303	peak

Mode:	BLE_2M	Channel:	2480
Remark:	Vertical	Test model No.:	HJH109 BLE

Test Graph
107.0 dBuV/m

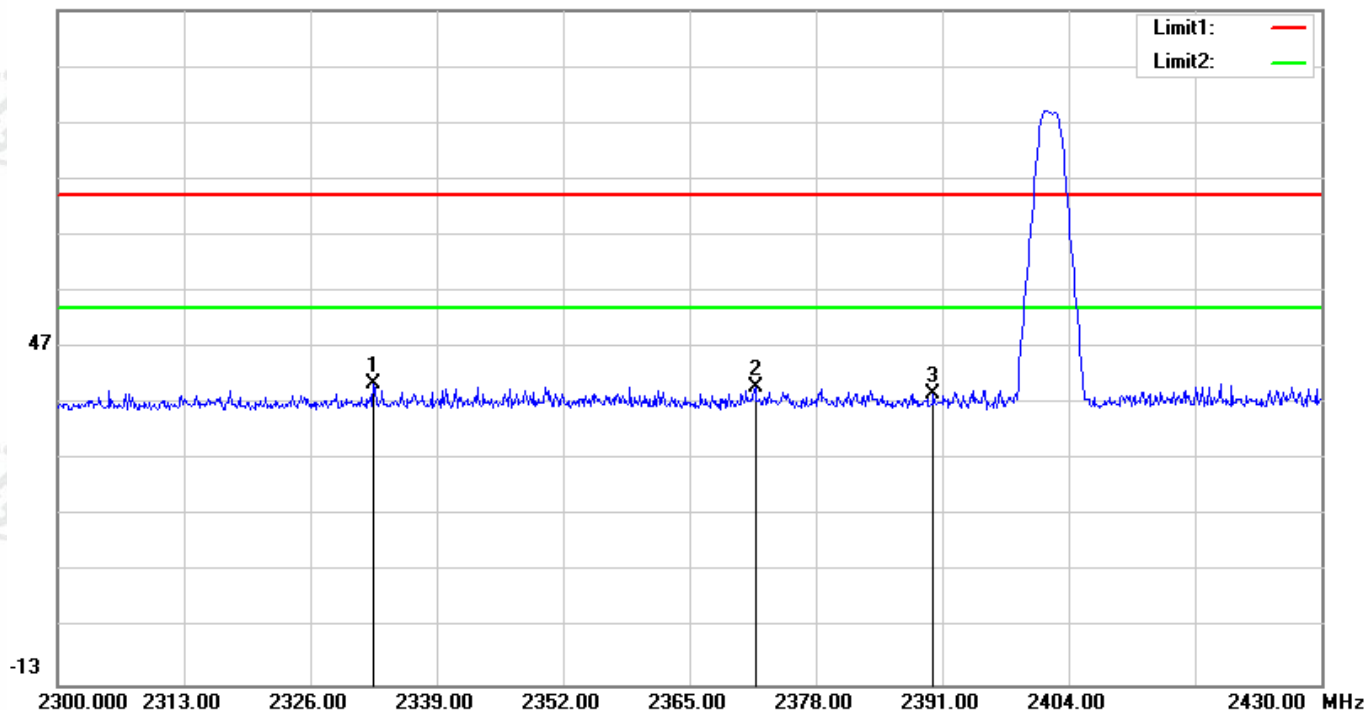


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	34.55	2.92	37.47	74.00	-36.53	100	22	peak
2	2503.120	37.34	2.96	40.30	74.00	-33.70	200	43	peak

Mode:	BLE_125kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH109 BLE

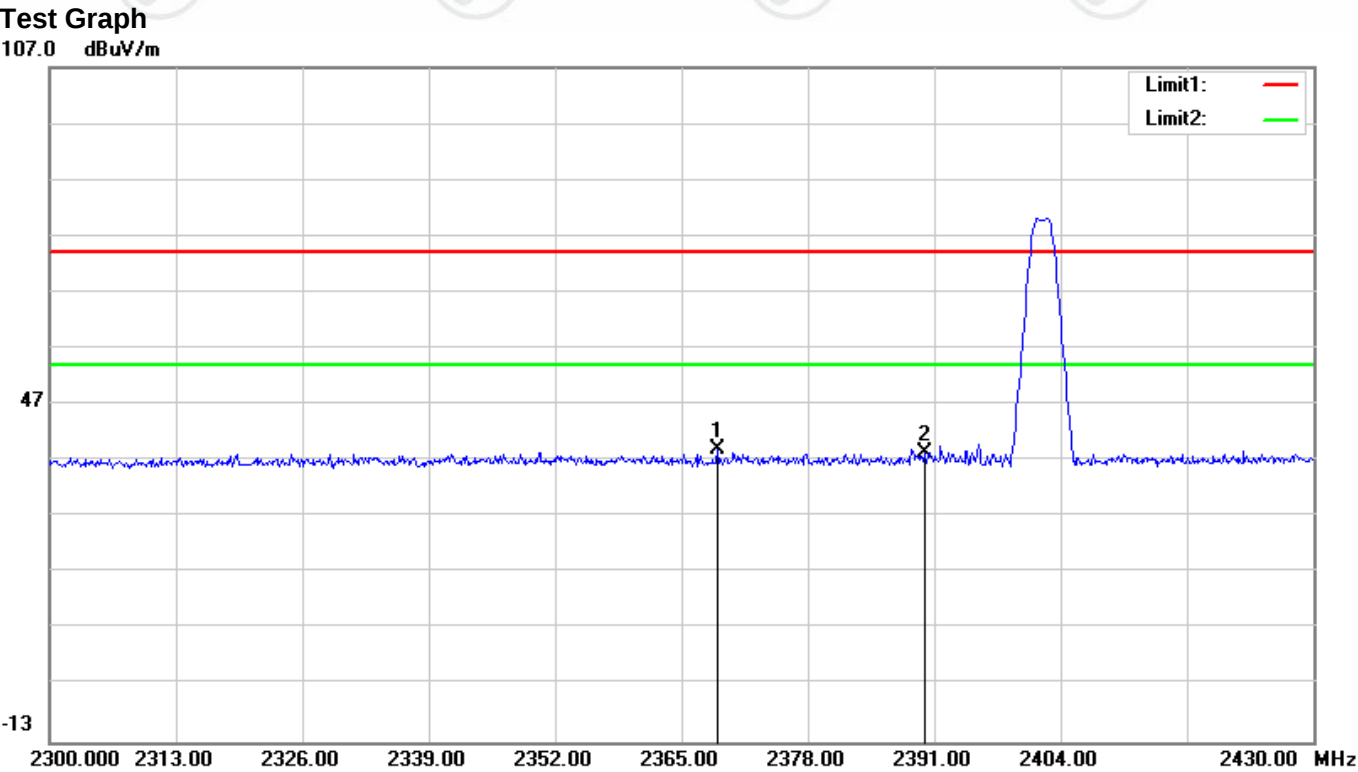
Test Graph

107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2332.500	38.01	2.56	40.57	74.00	-33.43	200	307	peak
2	2371.760	37.43	2.66	40.09	74.00	-33.91	200	269	peak
3	2390.000	36.05	2.71	38.76	74.00	-35.24	200	269	peak

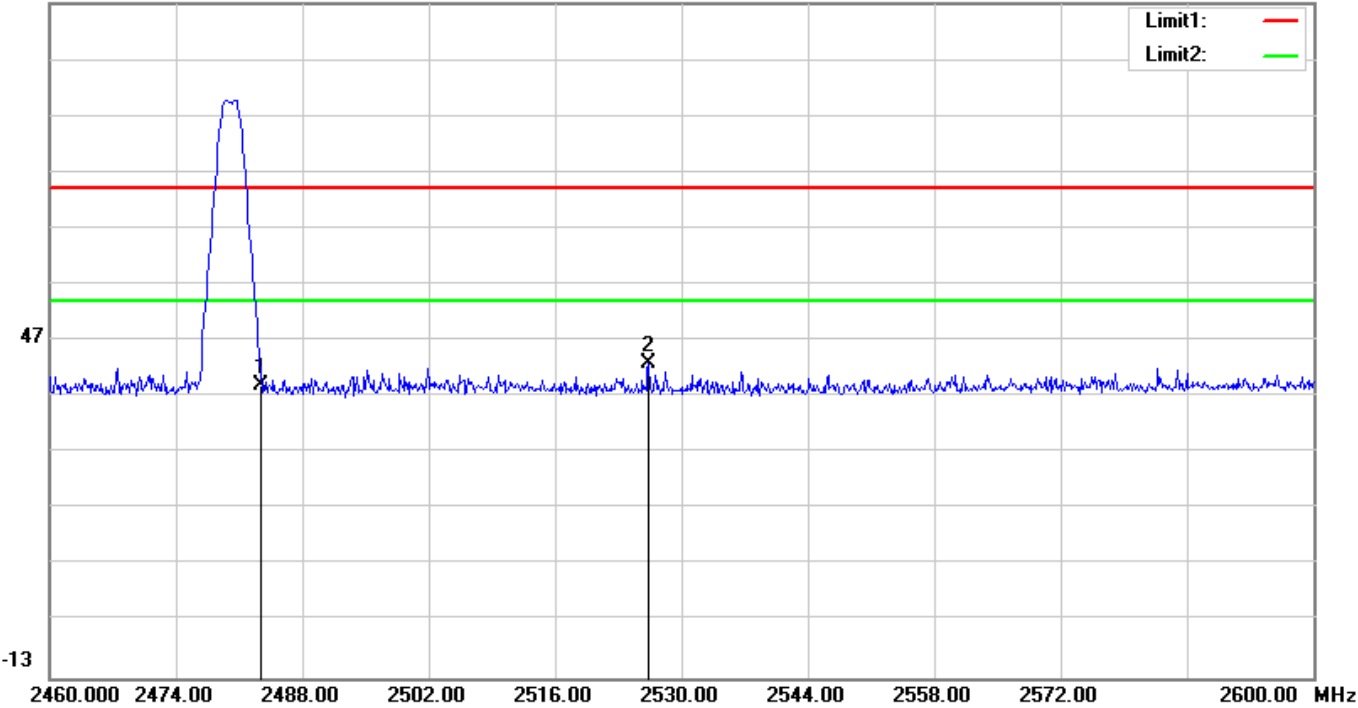
Mode:	BLE_125kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJH109 BLE



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2368.640	36.50	2.66	39.16	74.00	-34.84	100	182	peak
2	2390.000	35.67	2.71	38.38	74.00	-35.62	126	360	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH109 BLE

Test Graph
107.0 dBuV/m

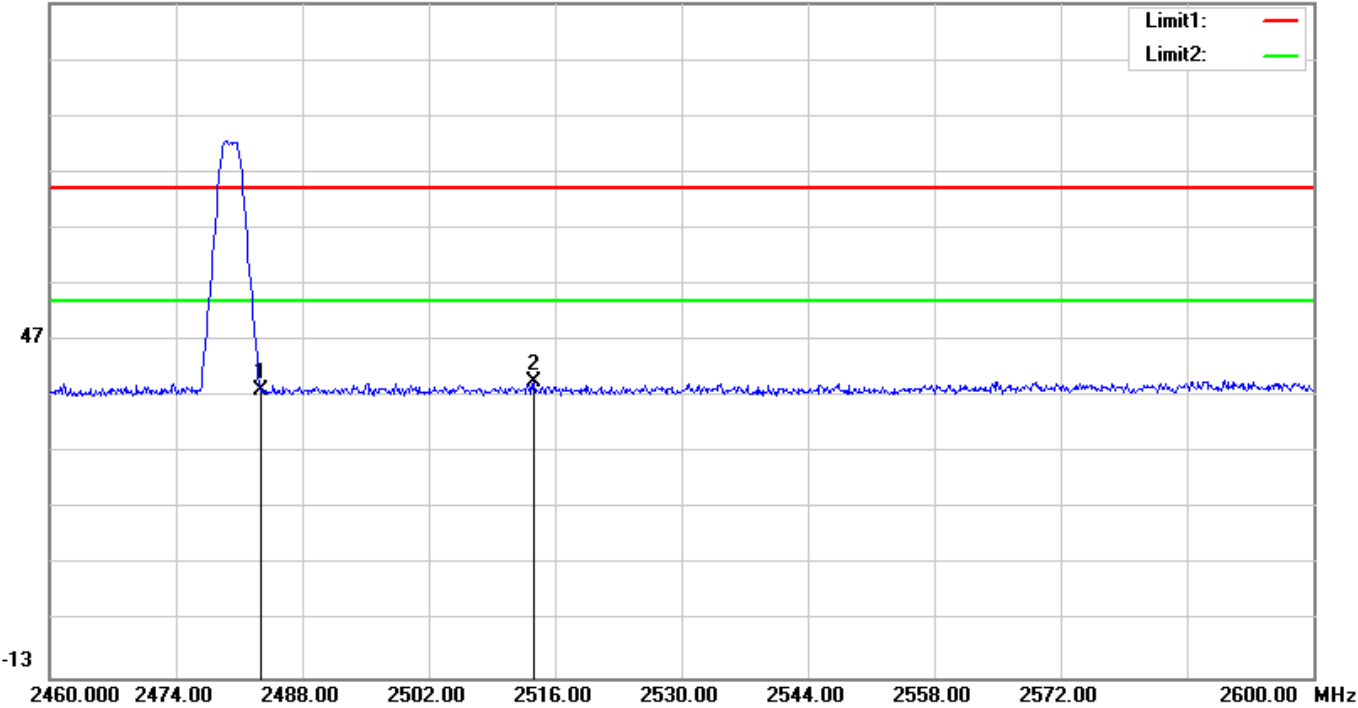


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	36.24	2.92	39.16	74.00	-34.84	200	304	peak
2	2526.360	39.86	3.01	42.87	74.00	-31.13	200	266	peak

Mode:	BLE_125kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJH109 BLE

Test Graph

107.0 dBuV/m

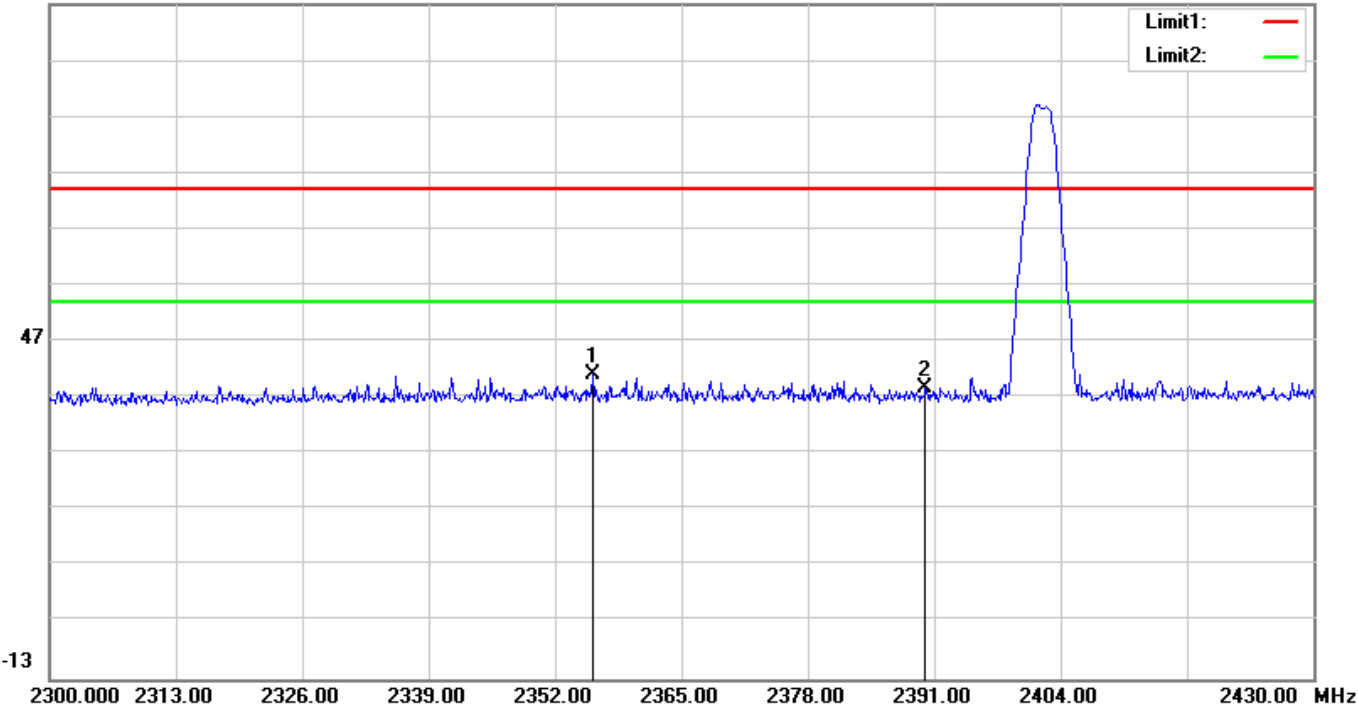


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	35.30	2.92	38.22	74.00	-35.78	100	161	peak
2	2513.620	36.57	2.98	39.55	74.00	-34.45	126	360	peak

Report No. : EED39N81438801

Mode:	BLE_500kbps	Channel:	2402
Remark:	Horizontal	Test model No.:	HJH109 BLE

Test Graph
107.0 dBuV/m

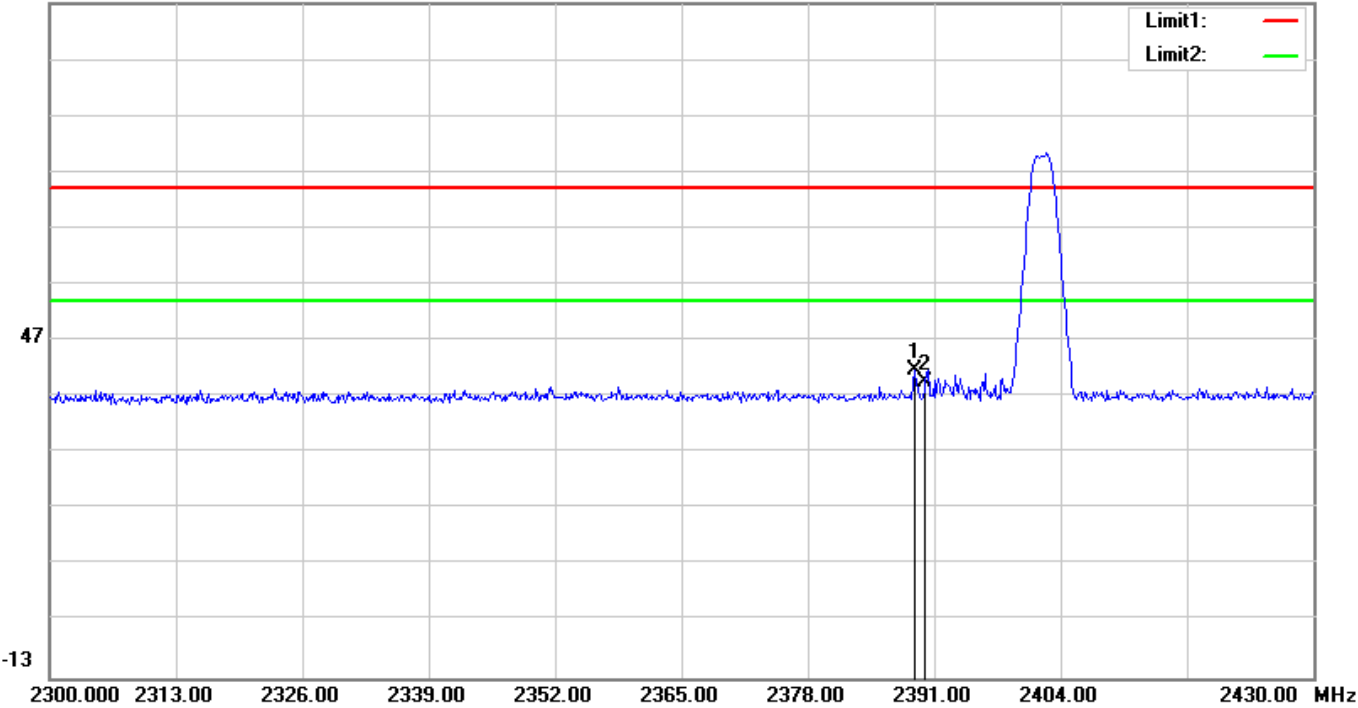


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2355.900	38.52	2.62	41.14	74.00	-32.86	100	106	peak
2	2390.000	35.97	2.71	38.68	74.00	-35.32	100	293	peak

Mode:	BLE_500kbps	Channel:	2402
Remark:	Vertical	Test model No.:	HJH109 BLE

Test Graph

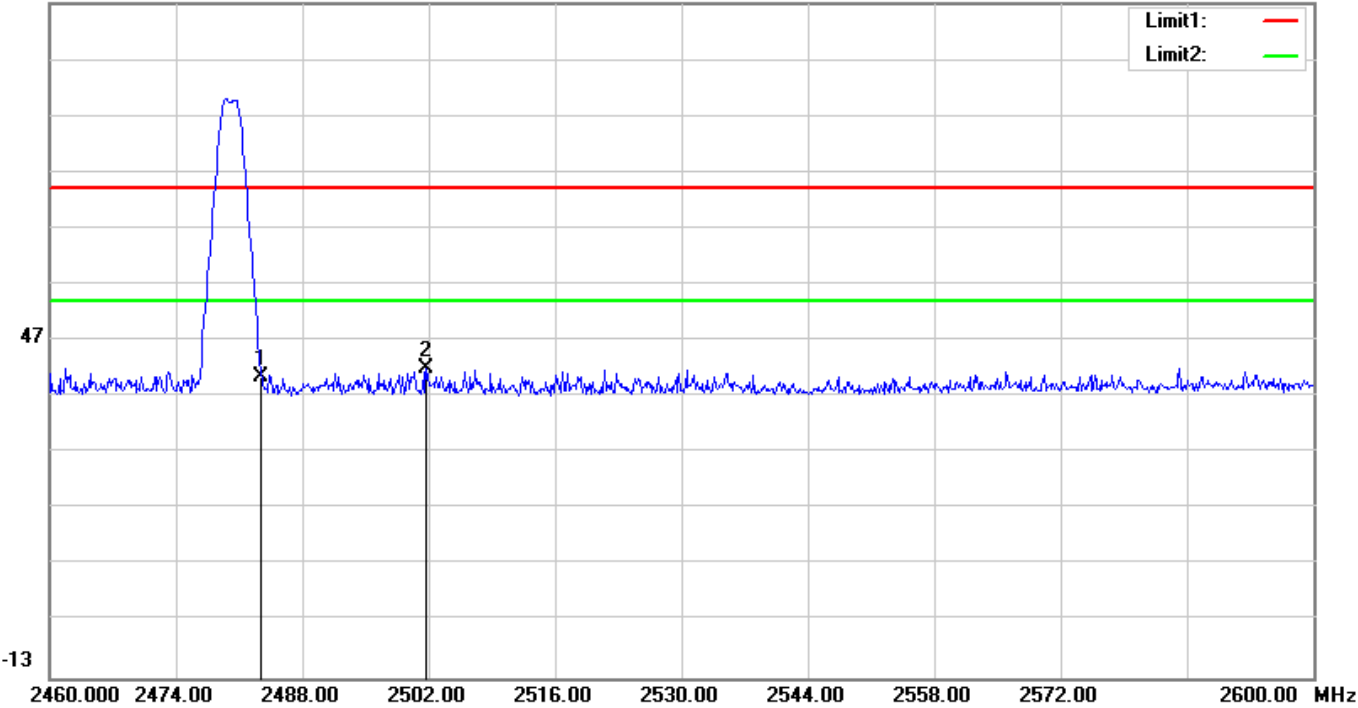
107.0 dBuV/m



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2389.050	39.01	2.71	41.72	74.00	-32.28	100	63	peak
2	2390.000	36.81	2.71	39.52	74.00	-34.48	200	59	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Horizontal	Test model No.:	HJH109 BLE

Test Graph
107.0 dBuV/m

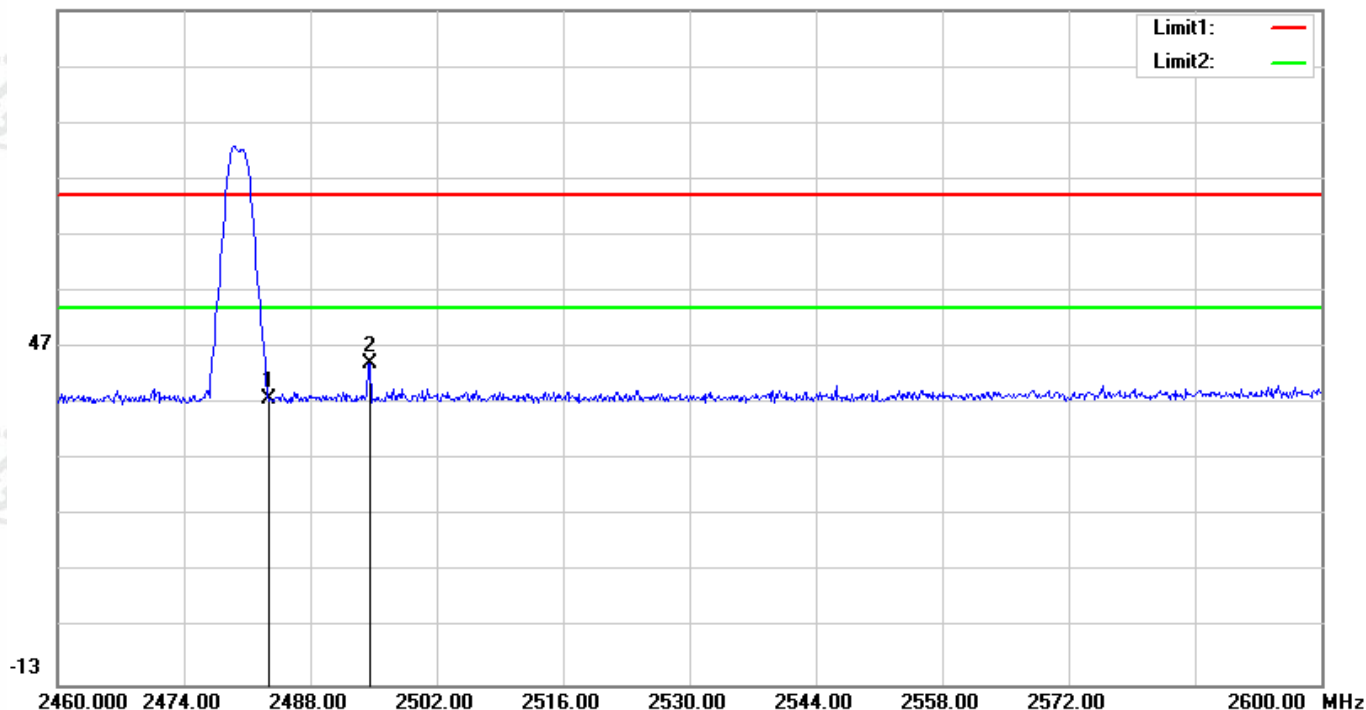


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	2483.500	37.75	2.92	40.67	74.00	-33.33	100	269	peak
2	2501.720	38.96	2.95	41.91	74.00	-32.09	100	260	peak

Mode:	BLE_500kbps	Channel:	2480
Remark:	Vertical	Test model No.:	HJH109 BLE

Test Graph

107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2483.500	35.02	2.92	37.94	74.00	-36.06	100	360	peak
2	2494.580	41.23	2.94	44.17	74.00	-29.83	200	289	peak

Note:

- As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20dB under any condition of modulation. So, only the peak values are measured:
- The field strength is calculated by adding the correct Factor. The basic equation with a sample calculation is as follows:
 Final Test Level = Reading +Correct Factor
 Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

Appendix B): Radiated Spurious Emissions

Receiver Setup:	<table><tr><th>Frequency</th><th>Detector</th><th>RBW</th><th>VBW</th><th>Remark</th></tr><tr><td>0.009MHz-0.090MHz</td><td>Peak</td><td>10kHz</td><td>30kHz</td><td>Peak</td></tr><tr><td>0.009MHz-0.090MHz</td><td>Average</td><td>10kHz</td><td>30kHz</td><td>Average</td></tr><tr><td>0.090MHz-0.110MHz</td><td>Quasi-peak</td><td>10kHz</td><td>30kHz</td><td>Quasi-peak</td></tr><tr><td>0.110MHz-0.490MHz</td><td>Peak</td><td>10kHz</td><td>30kHz</td><td>Peak</td></tr><tr><td>0.110MHz-0.490MHz</td><td>Average</td><td>10kHz</td><td>30kHz</td><td>Average</td></tr><tr><td>0.490MHz -30MHz</td><td>Quasi-peak</td><td>10kHz</td><td>30kHz</td><td>Quasi-peak</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120kHz</td><td>300kHz</td><td>Quasi-peak</td></tr><tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak</td></tr><tr><td>Peak</td><td>1MHz</td><td>1/T</td><td>Average</td></tr></table>	Frequency	Detector	RBW	VBW	Remark	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak	Above 1GHz	Peak	1MHz	3MHz	Peak	Peak	1MHz	1/T	Average
Frequency	Detector	RBW	VBW	Remark																																														
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak																																														
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average																																														
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak																																														
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak																																														
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average																																														
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak																																														
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak																																														
Above 1GHz	Peak	1MHz	3MHz	Peak																																														
	Peak	1MHz	1/T	Average																																														
Test Procedure:	Below 1GHz test procedure as below: a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Above 1GHz test procedure as below: a. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter (Above 18GHz the distance is 1 meter and table is 1.5 meter). b. Test the EUT in the lowest channel, the middle channel, the Highest channel c. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. d. Repeat above procedures until all frequencies measured was complete.																																																	
Limit:	<table><tr><th>Frequency</th><th>Field strength microvolt/meter)</th><th>Limit (dBµV/m)</th><th>Remark</th><th>Measurement distance (m)</th></tr><tr><td>0.009MHz-0.490MHz</td><td>2400/F(kHz)</td><td>-</td><td>-</td><td>300</td></tr><tr><td>0.490MHz-1.705MHz</td><td>24000/F(kHz)</td><td>-</td><td>-</td><td>30</td></tr><tr><td>1.705MHz-30MHz</td><td>30</td><td>-</td><td>-</td><td>30</td></tr><tr><td>30MHz-88MHz</td><td>100</td><td>40.0</td><td>Quasi-peak</td><td>3</td></tr><tr><td>88MHz-216MHz</td><td>150</td><td>43.5</td><td>Quasi-peak</td><td>3</td></tr><tr><td>216MHz-960MHz</td><td>200</td><td>46.0</td><td>Quasi-peak</td><td>3</td></tr><tr><td>960MHz-1GHz</td><td>500</td><td>54.0</td><td>Quasi-peak</td><td>3</td></tr><tr><td>Above 1GHz</td><td>500</td><td>54.0</td><td>Average</td><td>3</td></tr></table> Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.	Frequency	Field strength microvolt/meter)	Limit (dBµV/m)	Remark	Measurement distance (m)	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30	1.705MHz-30MHz	30	-	-	30	30MHz-88MHz	100	40.0	Quasi-peak	3	88MHz-216MHz	150	43.5	Quasi-peak	3	216MHz-960MHz	200	46.0	Quasi-peak	3	960MHz-1GHz	500	54.0	Quasi-peak	3	Above 1GHz	500	54.0	Average	3				
Frequency	Field strength microvolt/meter)	Limit (dBµV/m)	Remark	Measurement distance (m)																																														
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300																																														
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30																																														
1.705MHz-30MHz	30	-	-	30																																														
30MHz-88MHz	100	40.0	Quasi-peak	3																																														
88MHz-216MHz	150	43.5	Quasi-peak	3																																														
216MHz-960MHz	200	46.0	Quasi-peak	3																																														
960MHz-1GHz	500	54.0	Quasi-peak	3																																														
Above 1GHz	500	54.0	Average	3																																														

Report No. : EED39N81438801

Radiated Spurious Emissions test Data:

Radiated Emission below 1GHz:

Mode:	BLE_2M	Channel:	2402
Test model No.:	HJH124 Ble		

Frequency (MHz)	Ant. Pol. (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
46.4900	V	39.31	-17.72	21.59	40.00	-18.41	QP
98.8700	V	39.09	-19.11	19.98	43.50	-23.52	QP
165.8000	V	45.55	-22.47	23.08	43.50	-20.42	QP
288.9900	V	39.22	-17.75	21.47	46.00	-24.53	QP
498.5100	V	37.49	-11.41	26.08	46.00	-19.92	QP
996.1200	V	44.56	-7.37	37.19	54.00	-16.81	QP
41.6400	H	41.42	-17.97	23.45	40.00	-16.55	QP
62.0100	H	42.17	-19.19	22.98	40.00	-17.02	QP
283.1700	H	39.37	-17.83	21.54	46.00	-24.46	QP
311.3000	H	40.36	-17.35	23.01	46.00	-22.99	QP
498.5100	H	35.53	-11.41	24.12	46.00	-21.88	QP
1000.0000	H	38.36	-7.32	31.04	54.00	-22.96	QP

Notes:

- 1) Through Pre-scan then find the BLE_2M -CH1 is the worst case mode and only the worst data was recorded.

Transmitter Emission above 1GHz:

Mode:	BLE_1M	Channel:	2402
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	41.47	9.12	50.59	74.00	-23.41	100	284	peak
2	7205.000	38.40	12.01	50.41	74.00	-23.59	100	360	peak
3	14804.000	30.19	22.84	53.03	74.00	-20.97	100	122	peak
4	16827.000	28.60	25.07	53.67	74.00	-20.33	200	146	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	41.98	7.75	49.73	74.00	-24.27	100	285	peak
2	4791.000	40.38	9.12	49.50	74.00	-24.50	100	85	peak
3	12016.000	33.83	17.08	50.91	74.00	-23.09	100	111	peak
4	16011.000	30.18	23.63	53.81	74.00	-20.19	100	334	peak

Mode:	BLE_1M	Channel:	2440
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	39.96	9.31	49.27	74.00	-24.73	100	333	peak
2	7324.000	42.03	12.20	54.23	74.00	-19.77	157	360	peak
3	7324.000	19.88	12.20	32.08	54.00	-21.92	157	360	AVG
4	14889.000	30.52	22.95	53.47	74.00	-20.53	100	352	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	41.68	9.31	50.99	74.00	-23.01	100	90	peak
2	7324.000	39.74	12.20	51.94	74.00	-22.06	100	100	peak
3	9755.000	34.97	14.75	49.72	74.00	-24.28	100	190	peak
4	14600.000	30.85	22.31	53.16	74.00	-20.84	100	346	peak

Mode:	BLE_1M	Channel:	2480
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	40.87	9.51	50.38	74.00	-23.62	100	341	peak
2	7443.000	46.34	12.35	58.69	74.00	-15.31	154	360	peak
3	7443.000	30.23	12.35	42.58	54.00	-11.42	154	360	AVG
4	14906.000	30.86	22.97	53.83	74.00	-20.17	100	105	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	39.79	9.51	49.30	74.00	-24.70	100	101	peak
2	7443.000	43.56	12.35	55.91	74.00	-18.09	100	107	peak
3	7443.000	27.24	12.35	39.59	54.00	-14.41	100	107	AVG
4	14889.000	29.82	22.95	52.77	74.00	-21.23	119	360	peak

Mode:	BLE_2M	Channel:	2402
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4791.000	41.57	9.12	50.69	74.00	-23.31	100	275	peak
2	7205.000	38.51	12.01	50.52	74.00	-23.48	186	360	peak
3	14804.000	30.25	22.84	53.09	74.00	-20.91	200	328	peak
4	16096.000	29.93	23.66	53.59	74.00	-20.41	200	248	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3992.000	41.16	7.83	48.99	74.00	-25.01	100	288	peak
2	4791.000	40.21	9.12	49.33	74.00	-24.67	100	75	peak
3	12016.000	33.81	17.08	50.89	74.00	-23.11	100	112	peak
4	14804.000	30.54	22.84	53.38	74.00	-20.62	200	240	peak

Mode:	BLE_2M	Channel:	2440
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	40.79	9.31	50.10	74.00	-23.90	200	346	peak
2	7324.000	42.18	12.20	54.38	74.00	-19.62	135	360	peak
3	7324.000	19.65	12.20	31.85	54.00	-22.15	135	360	AVG
4	14889.000	29.82	22.95	52.77	74.00	-21.23	100	288	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	41.37	9.31	50.68	74.00	-23.32	100	84	peak
2	7324.000	37.84	12.20	50.04	74.00	-23.96	200	270	peak
3	9755.000	34.44	14.75	49.19	74.00	-24.81	100	100	peak
4	14600.000	30.55	22.31	52.86	74.00	-21.14	100	244	peak

Mode:	BLE_2M	Channel:	2480
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	40.11	9.51	49.62	74.00	-24.38	200	283	peak
2	7443.000	47.40	12.35	59.75	74.00	-14.25	146	0	peak
3	7443.000	27.63	12.35	39.98	54.00	-14.02	146	0	AVG
4	12407.000	31.84	18.11	49.95	74.00	-24.05	200	13	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	40.51	9.51	50.02	74.00	-23.98	100	81	peak
2	7443.000	46.33	12.35	58.68	74.00	-15.32	100	94	peak
3	7443.000	27.91	12.35	40.26	54.00	-13.74	100	94	AVG
4	14294.000	30.50	22.00	52.50	74.00	-21.50	177	0	peak

Mode:	BLE_125kbps	Channel:	2402
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4808.000	40.10	9.16	49.26	74.00	-24.74	200	279	peak
2	7205.000	37.69	12.01	49.70	74.00	-24.30	142	360	peak
3	12016.000	32.69	17.08	49.77	74.00	-24.23	100	158	peak
4	15926.000	30.13	23.46	53.59	74.00	-20.41	200	67	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	43.11	7.75	50.86	74.00	-23.14	200	14	peak
2	4995.000	40.31	9.59	49.90	74.00	-24.10	100	71	peak
3	7205.000	36.70	12.01	48.71	74.00	-25.29	100	96	peak
4	15518.000	30.49	22.76	53.25	74.00	-20.75	200	102	peak

Mode:	BLE_125kbps	Channel:	2440
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	41.16	9.31	50.47	74.00	-23.53	100	345	peak
2	7324.000	42.39	12.20	54.59	74.00	-19.41	179	360	peak
3	7324.000	20.98	12.20	33.18	54.00	-20.82	179	360	AVG
4	9755.000	36.38	14.75	51.13	74.00	-22.87	200	294	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4995.000	39.82	9.59	49.41	74.00	-24.59	100	342	peak
2	7324.000	40.00	12.20	52.20	74.00	-21.80	100	97	peak
3	9755.000	34.29	14.75	49.04	74.00	-24.96	200	185	peak
4	14583.000	30.86	22.30	53.16	74.00	-20.84	100	238	peak

Mode:	BLE_125kbps	Channel:	2480
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	40.86	9.51	50.37	74.00	-23.63	100	283	peak
2	7443.000	46.97	12.35	59.32	74.00	-14.68	189	0	peak
3	7443.000	27.47	12.35	39.82	54.00	-14.18	189	0	AVG
4	9925.000	33.97	14.61	48.58	74.00	-25.42	100	303	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	40.25	9.51	49.76	74.00	-24.24	100	106	peak
2	7443.000	43.95	12.35	56.30	74.00	-17.70	100	81	peak
3	7443.000	34.54	12.35	46.89	54.00	-7.11	100	81	AVG
4	14906.000	29.64	22.97	52.61	74.00	-21.39	168	0	peak

Mode:	BLE_500kbps	Channel:	2402
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4808.000	41.54	9.16	50.70	74.00	-23.30	100	343	peak
2	7205.000	39.23	12.01	51.24	74.00	-22.76	189	360	peak
3	12016.000	32.99	17.08	50.07	74.00	-23.93	200	16	peak
4	14600.000	30.47	22.31	52.78	74.00	-21.22	200	80	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	41.20	7.75	48.95	74.00	-25.05	200	332	peak
2	4995.000	39.08	9.59	48.67	74.00	-25.33	100	8	peak
3	9602.000	34.58	14.87	49.45	74.00	-24.55	100	106	peak
4	14583.000	30.43	22.30	52.73	74.00	-21.27	200	198	peak

Mode:	BLE_500kbps	Channel:	2440
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	39.53	9.31	48.84	74.00	-25.16	100	270	peak
2	7324.000	42.53	12.20	54.73	74.00	-19.27	128	360	peak
3	7324.000	22.65	12.20	34.85	54.00	-19.15	128	360	AVG
4	9755.000	34.23	14.75	48.98	74.00	-25.02	100	289	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	40.49	9.31	49.80	74.00	-24.20	100	81	peak
2	7324.000	38.49	12.20	50.69	74.00	-23.31	100	100	peak
3	12203.000	32.59	17.63	50.22	74.00	-23.78	100	113	peak
4	14906.000	29.84	22.97	52.81	74.00	-21.19	100	220	peak

Mode:	BLE_500kbps	Channel:	2480
Test model No.:	HJH124 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	40.36	9.51	49.87	74.00	-24.13	100	335	peak
2	7443.000	47.47	12.35	59.82	74.00	-14.18	168	0	peak
3	7443.000	35.07	12.35	47.42	54.00	-6.58	168	0	AVG
4	14719.000	30.63	22.63	53.26	74.00	-20.74	100	360	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4995.000	41.40	9.59	50.99	74.00	-23.01	100	78	peak
2	7443.000	44.68	12.35	57.03	74.00	-16.97	100	97	peak
3	7443.000	26.60	12.35	38.95	54.00	-15.05	100	97	AVG
4	14651.000	30.16	22.45	52.61	74.00	-21.39	100	297	peak

Radiated Emission below 1GHz:

Mode:	BLE_1M	Channel:	2402
Test model No.:	HJH55B Ble		

Frequency (MHz)	Ant. Pol. (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
53.2800	V	40.46	-17.88	22.58	40.00	-17.42	QP
96.9300	V	39.61	-19.45	20.16	43.50	-23.34	QP
332.6400	V	43.17	-16.59	26.58	46.00	-19.42	QP
398.6000	V	43.90	-15.16	28.74	46.00	-17.26	QP
498.5100	V	35.03	-11.41	23.62	46.00	-22.38	QP
999.0300	V	40.59	-7.33	33.26	54.00	-20.74	QP
48.4300	H	43.45	-17.62	25.83	40.00	-14.17	QP
227.8800	H	54.64	-19.20	35.44	46.00	-10.56	QP
398.6000	H	51.38	-15.16	36.22	46.00	-9.78	QP
517.9100	H	40.10	-11.84	28.26	46.00	-17.74	QP
895.2400	H	33.79	-7.44	26.35	46.00	-19.65	QP
996.1200	H	38.39	-7.37	31.02	54.00	-22.98	QP

Notes:

- 1) Through Pre-scan then find the BLE_1M -CH1 is the worst case mode and only the worst data was recorded.

Transmitter Emission above 1GHz:

Mode:	BLE_1M	Channel:	2402
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4808.000	40.10	9.16	49.26	74.00	-24.74	100	285	peak
2	7205.000	37.94	12.01	49.95	74.00	-24.05	149	0	peak
3	12016.000	32.96	17.08	50.04	74.00	-23.96	100	164	peak
4	14906.000	31.00	22.97	53.97	74.00	-20.03	100	91	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4978.000	40.43	9.55	49.98	74.00	-24.02	200	298	peak
2	6967.000	34.01	11.65	45.66	74.00	-28.34	100	16	peak
3	9602.000	33.84	14.87	48.71	74.00	-25.29	100	93	peak
4	14889.000	30.21	22.95	53.16	74.00	-20.84	100	351	peak

Mode:	BLE_1M	Channel:	2440
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	37.88	9.31	47.19	74.00	-26.81	100	275	peak
2	7324.000	41.21	12.20	53.41	74.00	-20.59	138	0	peak
3	9755.000	32.64	14.75	47.39	74.00	-26.61	100	294	peak
4	14804.000	29.87	22.84	52.71	74.00	-21.29	120	0	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	42.24	7.83	50.07	74.00	-23.93	200	255	peak
2	4995.000	41.27	9.59	50.86	74.00	-23.14	200	294	peak
3	9755.000	32.64	14.75	47.39	74.00	-26.61	117	0	peak
4	14821.000	29.86	22.87	52.73	74.00	-21.27	108	0	peak

Mode:	BLE_1M	Channel:	2480
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4961.000	38.93	9.51	48.44	74.00	-25.56	100	319	peak
2	7443.000	45.87	12.35	58.22	74.00	-15.78	144	0	peak
3	7443.000	30.50	12.35	42.85	54.00	-11.15	144	0	AVG
4	14600.000	30.58	22.31	52.89	74.00	-21.11	200	296	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4978.000	40.25	9.55	49.80	74.00	-24.20	100	74	peak
2	7443.000	42.34	12.35	54.69	74.00	-19.31	100	103	peak
3	7443.000	29.93	12.35	42.28	54.00	-11.72	100	103	AVG
4	9925.000	34.34	14.61	48.95	74.00	-25.05	100	180	peak

Mode:	BLE_2M	Channel:	2402
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4808.000	40.79	9.16	49.95	74.00	-24.05	200	338	peak
2	7205.000	37.65	12.01	49.66	74.00	-24.34	131	0	peak
3	9602.000	33.15	14.87	48.02	74.00	-25.98	200	289	peak
4	14804.000	30.95	22.84	53.79	74.00	-20.21	100	186	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	39.56	9.12	48.68	74.00	-25.32	100	80	peak
2	7205.000	34.42	12.01	46.43	74.00	-27.57	100	108	peak
3	9602.000	33.02	14.87	47.89	74.00	-26.11	200	186	peak
4	14056.000	30.72	21.59	52.31	74.00	-21.69	200	189	peak

Mode:	BLE_2M	Channel:	2440
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	39.03	9.31	48.34	74.00	-25.66	100	280	peak
2	7324.000	41.17	12.20	53.37	74.00	-20.63	117	0	peak
3	9755.000	33.23	14.75	47.98	74.00	-26.02	200	282	peak
4	12203.000	32.87	17.63	50.50	74.00	-23.50	200	29	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3992.000	40.85	7.83	48.68	74.00	-25.32	100	23	peak
2	4876.000	39.99	9.31	49.30	74.00	-24.70	100	93	peak
3	7324.000	38.35	12.20	50.55	74.00	-23.45	100	119	peak
4	9755.000	32.45	14.75	47.20	74.00	-26.80	200	188	peak

Mode:	BLE_2M	Channel:	2480
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	38.07	9.51	47.58	74.00	-26.42	200	306	peak
2	7443.000	46.30	12.35	58.65	74.00	-15.35	145	0	peak
3	7443.000	30.61	12.35	42.96	54.00	-11.04	145	0	AVG
4	12407.000	32.70	18.11	50.81	74.00	-23.19	200	13	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	44.01	7.75	51.76	74.00	-22.24	200	13	peak
2	4961.000	39.65	9.51	49.16	74.00	-24.84	100	85	peak
3	7443.000	45.59	12.35	57.94	74.00	-16.06	100	92	peak
4	7443.000	30.53	12.35	42.88	54.00	-11.12	100	92	AVG

Mode:	BLE_125kbps	Channel:	2402
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	41.38	9.12	50.50	74.00	-23.50	100	278	peak
2	7205.000	37.31	12.01	49.32	74.00	-24.68	181	0	peak
3	9602.000	33.53	14.87	48.40	74.00	-25.60	100	300	peak
4	13801.000	30.53	21.15	51.68	74.00	-22.32	200	256	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	42.72	7.75	50.47	74.00	-23.53	200	10	peak
2	4808.000	38.19	9.16	47.35	74.00	-26.65	100	100	peak
3	7205.000	35.23	12.01	47.24	74.00	-26.76	100	97	peak
4	9602.000	33.25	14.87	48.12	74.00	-25.88	100	97	peak

Mode:	BLE_125kbps	Channel:	2440
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	39.70	9.31	49.01	74.00	-24.99	100	278	peak
2	7324.000	41.47	12.20	53.67	74.00	-20.33	135	0	peak
3	9755.000	33.06	14.75	47.81	74.00	-26.19	100	294	peak
4	14158.000	31.41	21.72	53.13	74.00	-20.87	100	6	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	41.23	7.83	49.06	74.00	-24.94	200	323	peak
2	4978.000	38.85	9.55	48.40	74.00	-25.60	200	167	peak
3	7324.000	34.65	12.20	46.85	74.00	-27.15	100	115	peak
4	9755.000	32.67	14.75	47.42	74.00	-26.58	100	93	peak

Mode:	BLE_125kbps	Channel:	2480
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4961.000	39.06	9.51	48.57	74.00	-25.43	100	272	peak
2	7443.000	45.89	12.35	58.24	74.00	-15.76	154	0	peak
3	7443.000	30.61	12.35	42.96	54.00	-11.04	154	0	AVG
4	14804.000	30.23	22.84	53.07	74.00	-20.93	200	55	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	41.99	7.75	49.74	74.00	-24.26	100	21	peak
2	7443.000	42.78	12.35	55.13	74.00	-18.87	100	100	peak
3	7443.000	30.86	12.35	43.21	54.00	-10.79	100	100	AVG
4	14872.000	30.39	22.93	53.32	74.00	-20.68	200	9	peak

Mode:	BLE_500kbps	Channel:	2402
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4808.000	41.17	9.16	50.33	74.00	-23.67	200	278	peak
2	7205.000	37.94	12.01	49.95	74.00	-24.05	182	0	peak
3	12016.000	32.53	17.08	49.61	74.00	-24.39	100	154	peak
4	13767.000	31.48	21.05	52.53	74.00	-21.47	199	0	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	41.79	7.75	49.54	74.00	-24.46	200	332	peak
2	4995.000	42.75	9.59	52.34	74.00	-21.66	100	77	peak
3	7205.000	36.60	12.01	48.61	74.00	-25.39	100	96	peak
4	12016.000	33.82	17.08	50.90	74.00	-23.10	100	115	peak

Mode:	BLE_500kbps	Channel:	2440
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	38.41	9.31	47.72	74.00	-26.28	200	276	peak
2	7324.000	41.28	12.20	53.48	74.00	-20.52	145	0	peak
3	9755.000	32.79	14.75	47.54	74.00	-26.46	100	189	peak
4	14804.000	30.04	22.84	52.88	74.00	-21.12	100	3	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3992.000	40.01	7.83	47.84	74.00	-26.16	200	221	peak
2	4995.000	39.52	9.59	49.11	74.00	-24.89	200	342	peak
3	7324.000	37.65	12.20	49.85	74.00	-24.15	200	265	peak
4	12203.000	31.06	17.63	48.69	74.00	-25.31	100	133	peak

Mode:	BLE_500kbps	Channel:	2480
Test model No.:	HJH55B Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	38.65	9.51	48.16	74.00	-25.84	100	277	peak
2	7443.000	46.37	12.35	58.72	74.00	-15.28	150	0	peak
3	7443.000	35.23	12.35	47.58	54.00	-6.42	150	0	AVG
4	14804.000	30.71	22.84	53.55	74.00	-20.45	100	211	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	42.09	7.75	49.84	74.00	-24.16	200	29	peak
2	4978.000	39.50	9.55	49.05	74.00	-24.95	100	344	peak
3	7443.000	40.72	12.35	53.07	74.00	-20.93	200	317	peak
4	14804.000	30.38	22.84	53.22	74.00	-20.78	200	337	peak

Report No. : EED39N81438801

Radiated Emission below 1GHz:

Mode:	BLE_1M	Channel:	2440
Test model No.:	HJSR06 Ble		

Frequency (MHz)	Ant. Pol. (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
62.9800	V	45.81	-19.48	26.33	40.00	-13.67	QP
332.6400	V	39.44	-16.59	22.85	46.00	-23.15	QP
378.2300	V	40.50	-15.63	24.87	46.00	-21.13	QP
497.5400	V	36.00	-11.48	24.52	46.00	-21.48	QP
945.6800	V	35.98	-7.92	28.06	46.00	-17.94	QP
997.0900	V	39.37	-7.36	32.01	54.00	-21.99	QP
39.7000	H	42.07	-18.11	23.96	40.00	-16.04	QP
224.0000	H	44.76	-19.40	25.36	46.00	-20.64	QP
378.2300	H	46.85	-15.63	31.22	46.00	-14.78	QP
499.4800	H	38.94	-11.35	27.59	46.00	-18.41	QP
905.9100	H	32.29	-7.34	24.95	46.00	-21.05	QP
1000.0000	H	27.33	-7.32	20.01	54.00	-33.99	QP

Notes:

- 1) Through Pre-scan then find the BLE_1M -CH20 is the worst case mode and only the worst data was recorded.

Transmitter Emission above 1GHz:

Mode:	BLE_1M	Channel:	2402
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	40.98	9.12	50.10	74.00	-23.90	200	273	peak
2	7205.000	37.75	12.01	49.76	74.00	-24.24	180	0	peak
3	12016.000	32.62	17.08	49.70	74.00	-24.30	100	164	peak
4	14804.000	30.61	22.84	53.45	74.00	-20.55	200	167	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	40.85	7.83	48.68	74.00	-25.32	200	37	peak
2	4978.000	39.26	9.55	48.81	74.00	-25.19	200	320	peak
3	6661.000	37.16	11.39	48.55	74.00	-25.45	100	152	peak
4	9602.000	32.47	14.87	47.34	74.00	-26.66	100	110	peak

Mode:	BLE_1M	Channel:	2440
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	39.11	9.31	48.42	74.00	-25.58	100	266	peak
2	7324.000	41.09	12.20	53.29	74.00	-20.71	138	0	peak
3	9755.000	32.94	14.75	47.69	74.00	-26.31	200	284	peak
4	14787.000	30.38	22.81	53.19	74.00	-20.81	200	156	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	43.07	7.75	50.82	74.00	-23.18	200	18	peak
2	4995.000	39.52	9.59	49.11	74.00	-24.89	200	223	peak
3	7324.000	34.97	12.20	47.17	74.00	-26.83	200	259	peak
4	9755.000	33.10	14.75	47.85	74.00	-26.15	100	93	peak

Mode:	BLE_1M	Channel:	2480
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4961.000	38.29	9.51	47.80	74.00	-26.20	200	277	peak
2	7443.000	44.21	12.35	56.56	74.00	-17.44	200	0	peak
3	7443.000	30.34	12.35	42.69	54.00	-11.31	200	0	AVG
4	12407.000	31.38	18.11	49.49	74.00	-24.51	200	28	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	41.95	7.75	49.70	74.00	-24.30	200	19	peak
2	4995.000	39.61	9.59	49.20	74.00	-24.80	100	343	peak
3	7443.000	44.31	12.35	56.66	74.00	-17.34	100	97	peak
4	7443.000	27.51	12.35	39.86	54.00	-14.14	100	97	AVG

Mode:	BLE_2M	Channel:	2402
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4808.000	40.35	9.16	49.51	74.00	-24.49	100	321	peak
2	7205.000	37.87	12.01	49.88	74.00	-24.12	155	0	peak
3	9602.000	32.23	14.87	47.10	74.00	-26.90	100	289	peak
4	12016.000	32.67	17.08	49.75	74.00	-24.25	100	162	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	41.08	7.83	48.91	74.00	-25.09	200	11	peak
2	4978.000	40.25	9.55	49.80	74.00	-24.20	200	297	peak
3	7205.000	34.74	12.01	46.75	74.00	-27.25	100	105	peak
4	9602.000	33.11	14.87	47.98	74.00	-26.02	100	131	peak

Mode:	BLE_2M	Channel:	2440
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	39.35	9.31	48.66	74.00	-25.34	100	354	peak
2	7324.000	40.70	12.20	52.90	74.00	-21.10	158	0	peak
3	9755.000	34.23	14.75	48.98	74.00	-25.02	200	296	peak
4	14651.000	30.23	22.45	52.68	74.00	-21.32	200	331	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3992.000	40.16	7.83	47.99	74.00	-26.01	200	63	peak
2	4995.000	38.78	9.59	48.37	74.00	-25.63	100	188	peak
3	7324.000	39.03	12.20	51.23	74.00	-22.77	100	88	peak
4	10911.000	31.62	16.39	48.01	74.00	-25.99	200	60	peak

Mode:	BLE_2M	Channel:	2480
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	39.19	9.51	48.70	74.00	-25.30	100	279	peak
2	7443.000	44.12	12.35	56.47	74.00	-17.53	200	0	peak
3	7443.000	27.63	12.35	39.98	54.00	-14.02	200	0	AVG
4	9925.000	32.62	14.61	47.23	74.00	-26.77	100	298	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3992.000	42.64	7.83	50.47	74.00	-23.53	200	339	peak
2	4961.000	39.18	9.51	48.69	74.00	-25.31	100	88	peak
3	7443.000	38.52	12.35	50.87	74.00	-23.13	100	212	peak
4	13699.000	31.37	20.86	52.23	74.00	-21.77	199	0	peak

Mode:	BLE_125kbps	Channel:	2402
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	40.70	9.12	49.82	74.00	-24.18	100	278	peak
2	7205.000	37.55	12.01	49.56	74.00	-24.44	141	0	peak
3	9602.000	33.34	14.87	48.21	74.00	-25.79	200	301	peak
4	12016.000	33.45	17.08	50.53	74.00	-23.47	100	169	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	40.46	7.83	48.29	74.00	-25.71	200	254	peak
2	4995.000	42.77	9.59	52.36	74.00	-21.64	200	295	peak
3	7205.000	34.95	12.01	46.96	74.00	-27.04	100	102	peak
4	12016.000	32.89	17.08	49.97	74.00	-24.03	100	45	peak

Mode:	BLE_125kbps	Channel:	2440
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	39.03	9.31	48.34	74.00	-25.66	100	308	peak
2	7324.000	41.69	12.20	53.89	74.00	-20.11	172	0	peak
3	9755.000	33.53	14.75	48.28	74.00	-25.72	200	296	peak
4	14056.000	30.79	21.59	52.38	74.00	-21.62	100	57	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4978.000	40.11	9.55	49.66	74.00	-24.34	200	305	peak
2	7324.000	39.27	12.20	51.47	74.00	-22.53	100	104	peak
3	9755.000	32.99	14.75	47.74	74.00	-26.26	100	136	peak
4	14889.000	30.14	22.95	53.09	74.00	-20.91	100	304	peak

Mode:	BLE_125kbps	Channel:	2480
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4961.000	37.96	9.51	47.47	74.00	-26.53	100	275	peak
2	7443.000	44.24	12.35	56.59	74.00	-17.41	147	0	peak
3	7443.000	29.66	12.35	42.01	54.00	-11.99	147	0	AVG
4	9925.000	34.00	14.61	48.61	74.00	-25.39	200	302	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	38.26	7.83	46.09	74.00	-27.91	100	23	peak
2	4961.000	38.73	9.51	48.24	74.00	-25.76	200	104	peak
3	7443.000	37.63	12.35	49.98	74.00	-24.02	200	267	peak
4	9925.000	32.53	14.61	47.14	74.00	-26.86	100	162	peak

Mode:	BLE_500kbps	Channel:	2402
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	40.19	9.12	49.31	74.00	-24.69	100	349	peak
2	7205.000	38.08	12.01	50.09	74.00	-23.91	173	0	peak
3	9602.000	32.88	14.87	47.75	74.00	-26.25	100	294	peak
4	12016.000	31.97	17.08	49.05	74.00	-24.95	100	163	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	41.53	7.83	49.36	74.00	-24.64	200	9	peak
2	4995.000	41.75	9.59	51.34	74.00	-22.66	200	297	peak
3	8446.000	32.02	13.58	45.60	74.00	-28.40	200	34	peak
4	9602.000	32.26	14.87	47.13	74.00	-26.87	100	133	peak

Mode:	BLE_500kbps	Channel:	2440
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	38.19	9.31	47.50	74.00	-26.50	200	347	peak
2	7324.000	42.20	12.20	54.40	74.00	-19.60	158	0	peak
3	7324.000	29.98	12.20	42.18	54.00	-11.82	158	0	AVG
4	9755.000	34.52	14.75	49.27	74.00	-24.73	200	289	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3992.000	41.08	7.83	48.91	74.00	-25.09	200	20	peak
2	4995.000	40.98	9.59	50.57	74.00	-23.43	200	351	peak
3	7324.000	40.43	12.20	52.63	74.00	-21.37	100	95	peak
4	9755.000	34.60	14.75	49.35	74.00	-24.65	100	95	peak

Mode:	BLE_500kbps	Channel:	2480
Test model No.:	HJSR06 Ble		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	6950.000	32.92	11.64	44.56	74.00	-29.44	200	332	peak
2	7443.000	44.25	12.35	56.60	74.00	-17.40	159	0	peak
3	7443.000	31.72	12.35	44.07	54.00	-9.93	159	0	AVG
4	10894.000	30.73	16.37	47.10	74.00	-26.90	200	20	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	40.43	7.75	48.18	74.00	-25.82	200	27	peak
2	7443.000	42.86	12.35	55.21	74.00	-18.79	100	99	peak
3	7443.000	29.10	12.35	41.45	54.00	-12.55	100	99	AVG
4	11098.000	31.37	16.68	48.05	74.00	-25.95	200	256	peak

Report No. : EED39N81438801

Radiated Emission below 1GHz:

Mode:	BLE_1M	Channel:	2480
Test model No.:	HJH109 BLE		

Frequency (MHz)	Ant. Pol. (H/V)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
62.0100	V	46.64	-19.19	27.45	40.00	-12.55	QP
103.7200	V	38.76	-18.99	19.77	43.50	-23.73	QP
332.6400	V	39.44	-16.59	22.85	46.00	-23.15	QP
498.5100	V	34.93	-11.41	23.52	46.00	-22.48	QP
693.4800	V	34.06	-11.05	23.01	46.00	-22.99	QP
997.0900	V	43.34	-7.36	35.98	54.00	-18.02	QP
48.4300	H	39.63	-17.62	22.01	40.00	-17.99	QP
191.9900	H	44.98	-20.00	24.98	43.50	-18.52	QP
228.8500	H	45.92	-19.15	26.77	46.00	-19.23	QP
378.2300	H	46.28	-15.63	30.65	46.00	-15.35	QP
498.5100	H	38.15	-11.41	26.74	46.00	-19.26	QP
997.0900	H	38.25	-7.36	30.89	54.00	-23.11	QP

Notes:

- 1) Through Pre-scan then find the BLE_1M -CH40 is the worst case mode and only the worst data was recorded.

Transmitter Emission above 1GHz:

Mode:	BLE_1M	Channel:	2402
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	38.19	9.12	47.31	74.00	-26.69	200	308	peak
2	7205.000	36.52	12.01	48.53	74.00	-25.47	117	0	peak
3	11183.000	31.23	16.82	48.05	74.00	-25.95	200	167	peak
4	14804.000	30.53	22.84	53.37	74.00	-20.63	200	43	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	39.84	7.75	47.59	74.00	-26.41	100	226	peak
2	4978.000	40.82	9.55	50.37	74.00	-23.63	124	0	peak
3	9602.000	31.82	14.87	46.69	74.00	-27.31	200	0	peak
4	14889.000	29.74	22.95	52.69	74.00	-21.31	200	267	peak

Mode:	BLE_1M	Channel:	2440
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	37.71	9.31	47.02	74.00	-26.98	100	283	peak
2	7324.000	40.67	12.20	52.87	74.00	-21.13	196	0	peak
3	9755.000	33.15	14.75	47.90	74.00	-26.10	100	293	peak
4	13699.000	30.44	20.86	51.30	74.00	-22.70	200	0	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	43.31	7.83	51.14	74.00	-22.86	200	347	peak
2	7324.000	38.36	12.20	50.56	74.00	-23.44	100	97	peak
3	9755.000	35.03	14.75	49.78	74.00	-24.22	100	151	peak
4	14804.000	31.24	22.84	54.08	74.00	-19.92	200	207	peak
5	14804.000	19.70	22.84	42.54	54.00	-11.46	200	207	AVG

Mode:	BLE_1M	Channel:	2480
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4961.000	38.51	9.51	48.02	74.00	-25.98	200	269	peak
2	7443.000	43.98	12.35	56.33	74.00	-17.67	112	0	peak
3	7443.000	28.67	12.35	41.02	54.00	-12.98	112	0	AVG
4	9925.000	31.69	14.61	46.30	74.00	-27.70	100	287	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	38.78	7.75	46.53	74.00	-27.47	100	26	peak
2	4961.000	38.94	9.51	48.45	74.00	-25.55	100	88	peak
3	7443.000	38.99	12.35	51.34	74.00	-22.66	200	167	peak
4	9925.000	33.18	14.61	47.79	74.00	-26.21	100	183	peak

Mode:	BLE_2M	Channel:	2402
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	39.54	9.12	48.66	74.00	-25.34	100	285	peak
2	7205.000	37.69	12.01	49.70	74.00	-24.30	104	0	peak
3	11098.000	31.04	16.68	47.72	74.00	-26.28	100	269	peak
4	12016.000	32.10	17.08	49.18	74.00	-24.82	200	30	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	38.78	7.83	46.61	74.00	-27.39	167	0	peak
2	4995.000	41.23	9.59	50.82	74.00	-23.18	125	0	peak
3	9602.000	33.55	14.87	48.42	74.00	-25.58	100	104	peak
4	14906.000	29.63	22.97	52.60	74.00	-21.40	200	270	peak

Mode:	BLE_2M	Channel:	2440
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	1884.000	49.08	0.63	49.71	74.00	-24.29	100	44	peak
2	4876.000	38.80	9.31	48.11	74.00	-25.89	100	282	peak
3	7324.000	40.27	12.20	52.47	74.00	-21.53	200	0	peak
4	13206.000	28.66	18.75	47.41	74.00	-26.59	100	44	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	39.31	7.75	47.06	74.00	-26.94	100	21	peak
2	4876.000	39.68	9.31	48.99	74.00	-25.01	100	101	peak
3	7324.000	37.69	12.20	49.89	74.00	-24.11	100	88	peak
4	9755.000	32.47	14.75	47.22	74.00	-26.78	100	103	peak

Mode:	BLE_2M	Channel:	2480
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4961.000	38.94	9.51	48.45	74.00	-25.55	100	343	peak
2	7443.000	43.54	12.35	55.89	74.00	-18.11	107	0	peak
3	7443.000	27.50	12.35	39.85	54.00	-14.15	107	0	AVG
4	9925.000	33.55	14.61	48.16	74.00	-25.84	100	302	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	41.23	7.75	48.98	74.00	-25.02	100	291	peak
2	4978.000	39.43	9.55	48.98	74.00	-25.02	100	88	peak
3	7443.000	40.36	12.35	52.71	74.00	-21.29	100	106	peak
4	14889.000	30.95	22.95	53.90	74.00	-20.10	100	294	peak

Mode:	BLE_125kbps	Channel:	2402
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4808.000	40.46	9.16	49.62	74.00	-24.38	200	279	peak
2	7205.000	36.93	12.01	48.94	74.00	-25.06	100	3	peak
3	9602.000	32.96	14.87	47.83	74.00	-26.17	200	291	peak
4	12016.000	34.51	17.08	51.59	74.00	-22.41	100	167	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3992.000	39.72	7.83	47.55	74.00	-26.45	200	24	peak
2	4808.000	39.29	9.16	48.45	74.00	-25.55	100	91	peak
3	9602.000	31.91	14.87	46.78	74.00	-27.22	100	172	peak
4	12016.000	32.14	17.08	49.22	74.00	-24.78	100	53	peak

Mode:	BLE_125kbps	Channel:	2440
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4876.000	38.80	9.31	48.11	74.00	-25.89	100	266	peak
2	7324.000	41.23	12.20	53.43	74.00	-20.57	147	0	peak
3	9755.000	34.98	14.75	49.73	74.00	-24.27	200	299	peak
4	13971.000	30.46	21.46	51.92	74.00	-22.08	200	63	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	39.77	7.75	47.52	74.00	-26.48	200	325	peak
2	4995.000	39.93	9.59	49.52	74.00	-24.48	100	211	peak
3	6661.000	36.14	11.39	47.53	74.00	-26.47	100	318	peak
4	7324.000	36.08	12.20	48.28	74.00	-25.72	100	97	peak

Mode:	BLE_125kbps	Channel:	2480
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4961.000	37.00	9.51	46.51	74.00	-27.49	200	313	peak
2	7443.000	43.87	12.35	56.22	74.00	-17.78	109	0	peak
3	7443.000	30.67	12.35	43.02	54.00	-10.98	109	0	AVG
4	13699.000	31.03	20.86	51.89	74.00	-22.11	100	221	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4995.000	39.50	9.59	49.09	74.00	-24.91	200	298	peak
2	6644.000	36.76	11.38	48.14	74.00	-25.86	100	317	peak
3	7443.000	43.25	12.35	55.60	74.00	-18.40	100	98	peak
4	7443.000	28.63	12.35	40.98	54.00	-13.02	100	98	AVG

Mode:	BLE_500kbps	Channel:	2402
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	4791.000	41.37	9.12	50.49	74.00	-23.51	200	345	peak
2	7205.000	36.43	12.01	48.44	74.00	-25.56	140	0	peak
3	9602.000	31.90	14.87	46.77	74.00	-27.23	100	178	peak
4	14804.000	30.36	22.84	53.20	74.00	-20.80	100	0	peak

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	3975.000	41.38	7.75	49.13	74.00	-24.87	200	355	peak
2	4995.000	40.42	9.59	50.01	74.00	-23.99	100	216	peak
3	6644.000	35.69	11.38	47.07	74.00	-26.93	100	78	peak
4	9602.000	32.56	14.87	47.43	74.00	-26.57	100	101	peak

Mode:	BLE_500kbps	Channel:	2440
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	4876.000	39.94	9.31	49.25	74.00	-24.75	200	277	peak
2	7324.000	40.41	12.20	52.61	74.00	-21.39	160	0	peak
3	9755.000	35.09	14.75	49.84	74.00	-24.16	100	293	peak
4	12203.000	32.36	17.63	49.99	74.00	-24.01	200	32	peak

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	42.78	7.75	50.53	74.00	-23.47	100	283	peak
2	4995.000	40.25	9.59	49.84	74.00	-24.16	200	31	peak
3	7324.000	38.51	12.20	50.71	74.00	-23.29	100	91	peak
4	9755.000	33.52	14.75	48.27	74.00	-25.73	200	187	peak

Mode:	BLE_500kbps	Channel:	2480
Test model No.:	HJH109 BLE		

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	37.96	7.75	45.71	74.00	-28.29	200	271	peak
2	4961.000	38.98	9.51	48.49	74.00	-25.51	100	342	peak
3	7443.000	44.22	12.35	56.57	74.00	-17.43	126	0	peak
4	7443.000	28.94	12.35	41.29	54.00	-12.71	126	0	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	3975.000	41.35	7.75	49.10	74.00	-24.90	100	353	peak
2	4978.000	39.73	9.55	49.28	74.00	-24.72	200	298	peak
3	7443.000	41.31	12.35	53.66	74.00	-20.34	100	97	peak
4	14158.000	31.32	21.72	53.04	74.00	-20.96	100	5	peak

Note:

1)As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak values are measured:

2) The field strength is calculated by adding the correct Factor. The basic equation with a sample calculation is as follows:

Final Test Level = Reading +Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

3) Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.