

**Test Report
Application for
Certification
on Behalf of**

GLOBAL DIGITECH CO., LTD.

**EUT: BLUETOOTH ADAPTOR
Model Number: M1000N**

FCC ID: O6TGDMALLM1000N

**Prepared for:
GLOBAL DIGITECH CO., LTD.
No.25 Alley 56 Lane 245 Sec.4 Bade Rd, Taipei, Taiwan**

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1. CERTIFICATION

Applicant : GLOBAL DIGITECH CO., LTD.

Applicant Address : No.25 Alley 56 Lane 245 Sec.4 Bade Rd, Taipei, Taiwan
EUT Description : BLUETOOTH ADAPTOR
Model Number : M1000N
Serial Number : N/A
Brade Name : GDMALL
FCC ID : O6TGDMALLM1000N
Tested Power Supply : DC 5V
Manufacturer : GLOBAL DIGITECH CO., LTD.
Manufacturer Address : No7 Xialian Road, Xiangang, Changan Town, Dongguan, PRC

MEASUREMENT PROCEDURES USED:

- ☒ **CFR 47, Part 15** Radio Frequency Device Subpart C Intentional Radiators: 2012
☒ **ANSI C63.4** Methods of Measurements of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9kHz To 40GHz: 2009

☒ **FCC Public Notice DA 00-705**

THE MEASUREMENT SHOWN IN THE ATTACHMENT WAS MADE IN ACCORDANCE WITH THE PROCEDURES INDICATED, AND THE MAXIMUM ENERGY EMITTED BY THE EQUIPMENT WAS FOUND TO BE WITHIN THE ABOVE LIMITS APPLICABLE.

Sample Received Date : July 26, 2013

Date of Test : July 26, 2013 – August 22, 2013

Issue Date : August 22, 2013

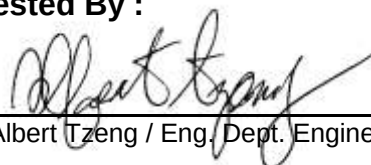
In order to ensure the quality and accuracy of this document, the contents have been thoroughly reviewed by the following qualified personnel from GesTek Lab.

Documented By :



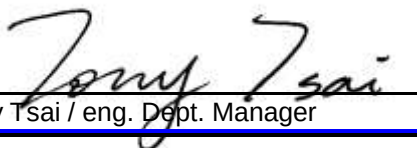
Mandy Chen / Report Author

Tested By :



Albert Tzeng / Eng. Dept. Engineer

Approved By :



Tony Tsai / eng. Dept. Manager

2. GENERAL INFORMATION

2.1 PRODUCTION DESCRIPTION

Product Name	: BLUETOOTH ADAPTOR
Model Number	: M1000N
Serial Number	: N/A
Brade Name	: GDMALL
FCC ID	: O6TGDMALLM1000N
Modulation Type	: GFSK, $\pi/4$ PSK, 8DPSK
Antenna Gain	: 1.13dBi
Antenna Type	: Printed on PCB
Frequencg Range	: 2402MHz to 2480MHz
Channel Number	: 79 Channel
Channel Control	: Control by Software
Working Voltage	: DC 5V

Frequency of Each Channel:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	27	2429	54	2456
01	2403	28	2430	55	2457
02	2404	29	2431	56	2458
03	2405	30	2432	57	2459
04	2406	31	2433	58	2460
05	2407	32	2434	59	2461
06	2408	33	2435	60	2462
07	2409	34	2436	61	2463
08	2410	35	2437	62	2464
09	2411	36	2438	63	2465
10	2412	37	2439	64	2466
11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454		
26	2428	53	2455		

Note:

1. This device is a BLUETOOTH ADAPTOR include Bluetooth function and this report is for transmitter.
2. Test of channel was included the lowest 、middle and highest frequency in highest data rate and to perform the test, then record on this report.
3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.

2.2 OPERATIONAL DESCRIPTION

The device is BLUETOOTH ADAPTOR have Bluetooth function and can link with Bluetooth dongle for control PC.

Another information please refer to users manual.

2.3 TEST MODES & EUT COMPONENTS DESCRIPTION

EUT: BLUETOOTH ADAPTOR, M/N: M1000N, The EUT tested with Notebook PC.			
Test Mode	Mode 1- GFSK	Mode 2- $\pi/4$ PSK	Mode 3- 8DPSK

2.4 SUMMARY OF TEST PROCEDURE AND TEST RESULTS

Test Item	Applied Standard Section	Test Result
Conducted Emission	15.207 ANSI C63.4 Section 7, 13, Annex I	Pass (refer to section 3.7)
Radiated Emission	15.209,15.247(d) ANSI C63.4 Section 8,13 Annex I	Pass (refer to section 4.7)
Peak Power Output	15.247(b), ANSI C63.4 Section 13 & Annex I	Pass (refer to section 5.4)
Band Edge	15.247(d) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 6.6)
Occupied Bandwidth	15.247(a) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 7.4)
Channel Separation	15.247(a) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 8.4)
Dwell Time	15.247(a) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 9.4)
Hopping Channel	15.247(b) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 10.4)

2.5 CONFIGURATION OF THE TESTED SYSTEM

The FCC IDs/Types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards, which have grants) are:

Item	Device	No.	Configuration
1	NOTEBOOK	DELL NB 1	Model Number : Latitude D600 PPO5L BSMI ID : R33002 FCC ID : E2K24CLNS Serial Number : 10826163280 C.P.U : Intel Pentium M 1.4G HZ DDR : PC2100 256MB WIRELESS LAN : Manufacturer :INTEL CARD : M/N:WM3A2100 FCC ID: E2K24CLNS H.D.D. : Manufacturer : FUJITSU 30G M/N: MHT2030AT S/N:NN15T421E09C BSMI ID:D33073 DVD-ROM : Manufacturer :DELL M/N:5W299-A01 BATTERY : Manufacturer :DELL Li-ion MODULE : M/N:6Y270 RATING:14.8V 220mAh AC ADAPTOR : Manufacturer :DELL M/N: PA-1650-05D S/N:CN-05U092-48010-39N-227C INPUT:AC 100-240 V~1.5A 50-60HZ Shielded, Undetachable, 2.5m

Note: All the peripherals above were selected specifically after confirming that there is no impact on test results.

2.6 LAB AMBIENT

Items	Range Requirement
Temperature (°C)	10-40
Humidity (%RH)	10-90
Barometric pressure (mbar)	860-1060

2.7 TEST FACILITY AUTHORIZATION AND ACCREDITATION

Global EMC Standard Tech. Corp. is accredited in respect of laboratory and the accreditation criteria is ISO/IEC 17025: 2005.

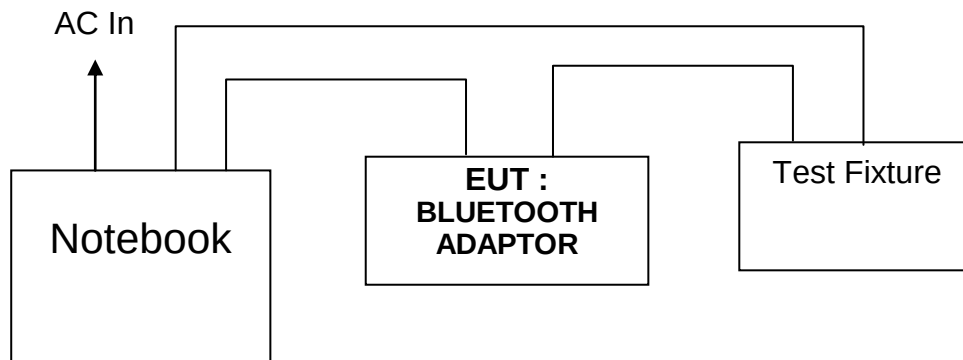
AUTHORIZATION	
FCC SITE DESCRIPTION	Aug. 10, 1995 /Aug. 25, 1998 File on FCC Engineering Laboratory Federal Communication Commission 7435 Oakland Mills Road Columbia, MD 21046 Reference 31040/SIT1300F2 Designation Number: TW1031 (No. 15, Neighborhood 3, Ruishukeng, Linkou Dist., New Taipei City, Taiwan) Designation Number: TW1032 (No.3, Baodoucuokeng, Linkou Dist., New Taipei City, Taiwan)

ACCREDITATION	
Taiwan Accreditation Foundation (TAF)	Recognized by the Council of Taiwan Accreditation Foundation and confirmed to meet the requirements of ISO/IEC 17025. Registration No.: 1082 Registration on TAF effective through Sep. 18, 2015

2.8 TEST SETUP

BLOCK DIAGRAM OF CONNECTIONS BETWEEN EUT AND SIMULATORS

Bluetooth Tx Mode + AC Conducted Emission Mode



2.9 EUT OPERATING CONDITIONS

The EUT exercise program used during conducted testing was designed to exercise the EUT in a manner similar to a typical use. The exercise sequence is listed as below:

1. Setup the EUT as shown on 2.7.
2. Turn on the power of all equipments.
3. Execute the test program (EDR_RF_test_Customer).
4. Choose the test mode and setup the parameter.
5. Test it.
6. Repeat the above steps.

Note: Let the EUT operating in the RF test mode must be performed Software (EDR_RF_test_Customer) by Notebook to control Test Fixture(hardware).

3. CONDUCTED EMISSION MEASUREMENT

3.1 TEST EQUIPMENTS

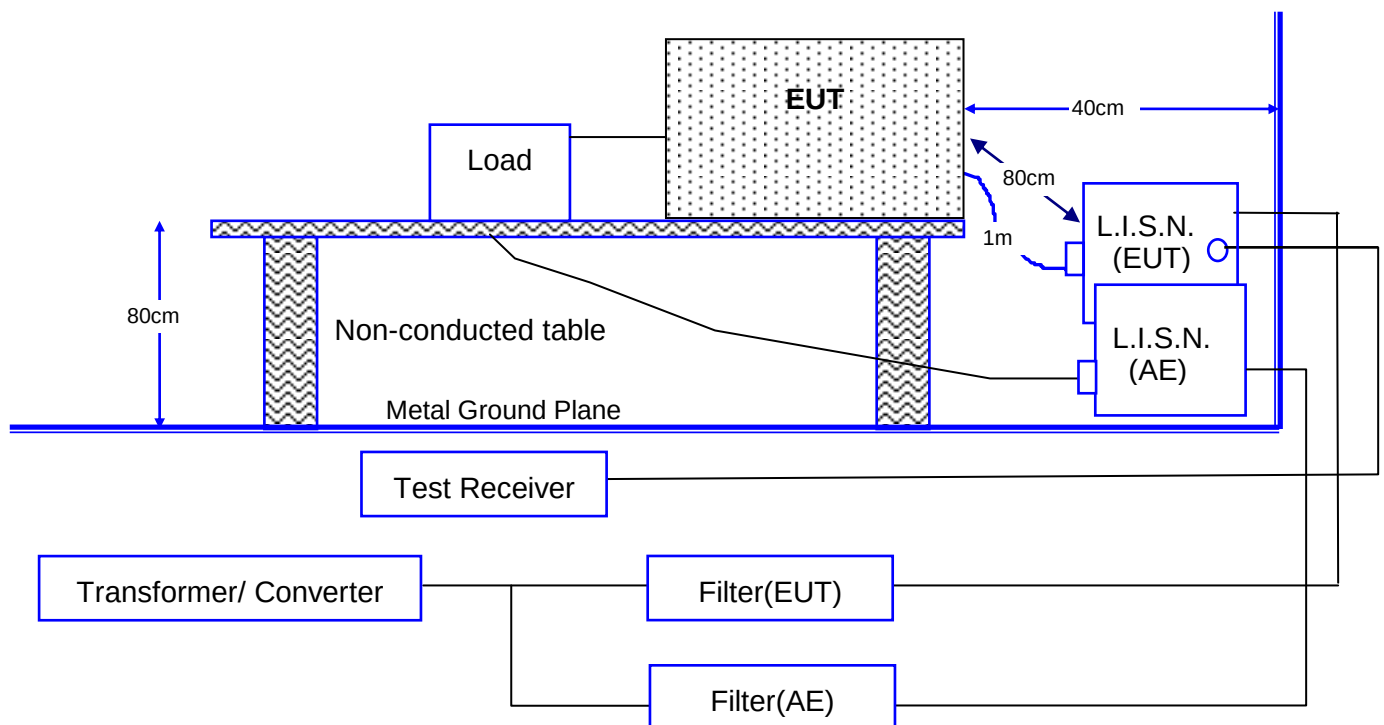
Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	TEST RECEIVER	RS	ESCS30	100393	2014.04.08
2	L.I.S.N.(EUT)	RS	ENV216	100006	2013.08.12
3	L.I.S.N.(AE)	ROLF HEINE	NNB-2/16Z	98091	2013.08.12
4	CABLE	GTK	N/A	GTK-E-A154-01	2014.01.11
5	50 Ohm Terminator	JYEBAO	BNC 0/3GHz	GTK-E-A424-01	2014.06.17
6	Software	FARAD	EZ-EMC	2A1.1(USB)	N/A

Note: 1. All equipments are calibrated and will be valid only for a period of 1 year.

2. The test was performed at GTK Shielded Room B5.

3.2 BLOCK DIAGRAM OF TEST SETUP

3.2.1 TEST SETUP FOR EMISSION MEASUREMENT AT MAINS TERMINAL



Note: This is a representative setup diagram for Table-top EUT.

For Floor-standing EUT, the table will be removed with all others setup condition remain the same.

3.3 CONDUCTED EMISSION LIMITS

3.3.1 CONDUCTED EMISSION LIMITS (MAINS TERMINAL)

Frequency	Voltage dB(μV)	
	Class B	
MHz	QUASI-PEAK	AVERAGE
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5.0	56	46
5.0 to 30	60	50

Remarks: In the Above Table, the tighter limit applies at the band edges.

3.4 TEST CONFIGURATION ON MEASUREMENT

The equipments that are listed in section 4.1 are installed on Conducted Power Line Test in order to meet the requirement of the Commission and operating in a manner, which tends to maximize its emission characteristics in a normal application.

The device under test, installed in a representative system as described in section 4.3, was placed on a non-conductive table whose total height equal to 80cm. Powered from one L.I.S.N. which signal output to receiver, and the other peripherals was powered from another L.I.S.N. which signal output was terminated by 50Ω.

3.5 CONDUCTED EMISSION MEASURED PROCEDURE AND DATA

3.5.1 CONDUCTED EMISSION (MAINS TERMINAL)

The measurement range of conducted emission, which is from 0.15 MHz to 30 MHz, was scan for peak emission curve of all the test modes. The worst mode is then measured using an average and/or quasi peak detector and record at least the disturbance levels and the frequencies of the six highest disturbances. The final measurement value is equal to the receiver reading plus the correction factor. If AMN insertion loss is more than 0.5dB, automatically the receiver will add the correction factor to the reading level.

3.6 OPERATING CONDITIONS OF THE EUT

Same as conducted emission measurement, which is listed in 2.9

3.7 CONDUCTED EMISSION MEASUREMENT RESULTS

Date of Test	August 05, 2013	Temperature	30 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	Charge Mode	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

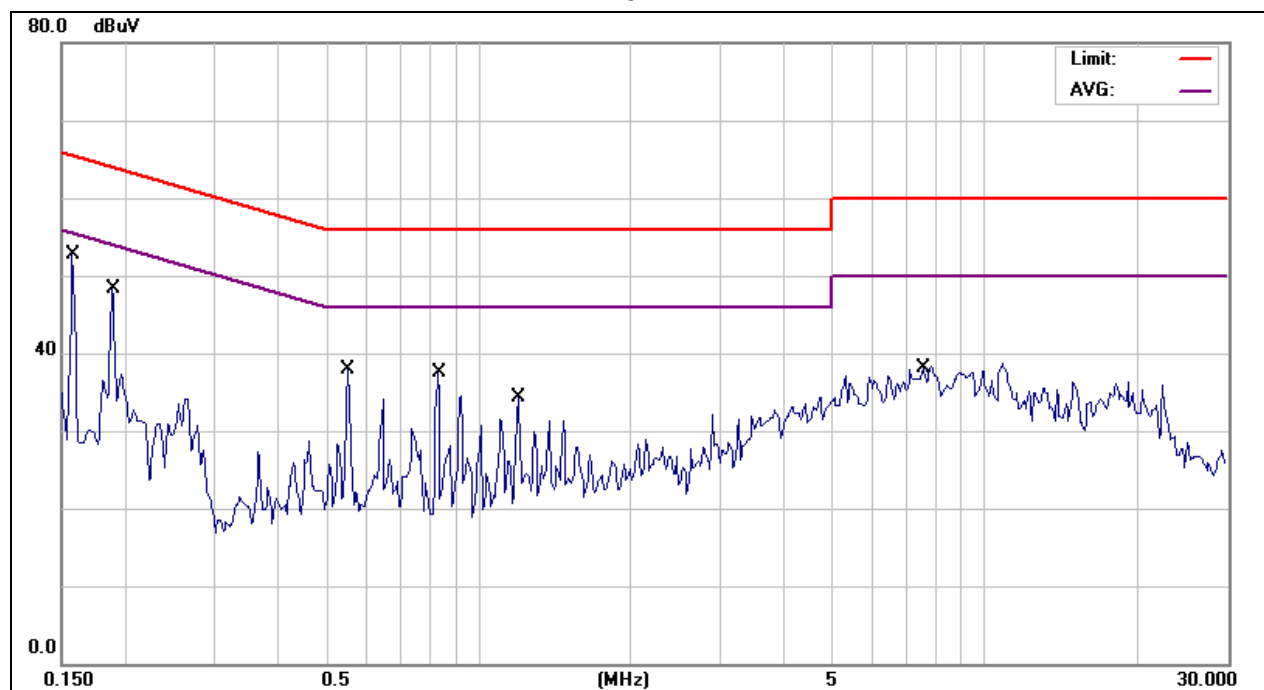
Line

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V	Limit dB μ V	Over Limit dB	Detector
1	0.1572	37.38	9.78	47.16	65.61	-18.45	QP
2	0.1572	15.60	9.78	25.38	55.61	-30.23	AVG
3	0.1887	33.70	9.78	43.48	64.09	-20.61	QP
4	0.1887	24.22	9.78	34.00	54.09	-20.09	AVG
5	0.5513	26.58	9.84	36.42	56.00	-19.58	QP
6	★0.5513	22.82	9.84	32.66	46.00	-13.34	AVG
7	0.8322	26.13	9.84	35.97	56.00	-20.03	QP
8	0.8322	17.85	9.84	27.69	46.00	-18.31	AVG
9	1.2031	21.58	9.85	31.43	56.00	-24.57	QP
10	1.2031	15.67	9.85	25.52	46.00	-20.48	AVG
11	7.5642	25.72	10.00	35.72	60.00	-24.28	QP
12	7.5642	17.03	10.00	27.03	50.00	-22.97	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. "★" means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Line



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 05, 2013	Temperature	30 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	Charge Mode	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

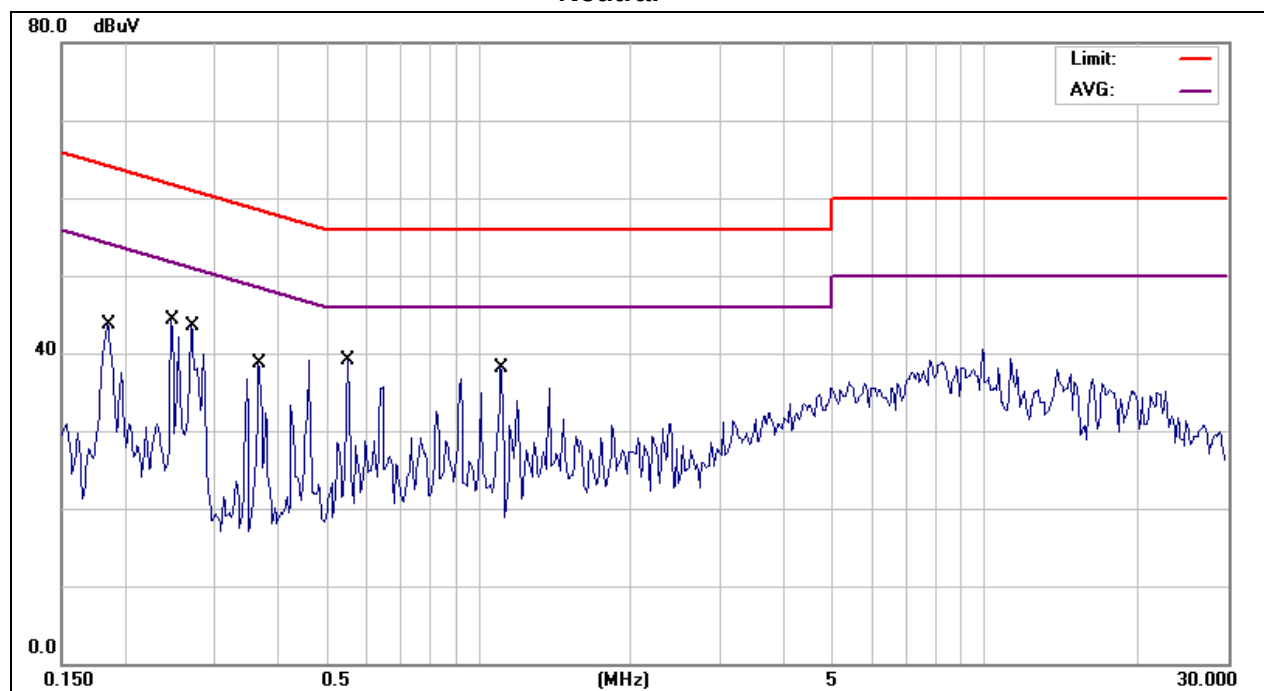
Neutral

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV	Limit dBμV	Over Limit dB	Detector
1	0.1845	36.29	9.79	46.08	64.28	-18.20	QP
2	0.1845	30.74	9.79	40.53	54.28	-13.75	AVG
3	0.2467	27.91	9.79	37.70	61.87	-24.17	QP
4	0.2467	10.81	9.79	20.60	51.87	-31.27	AVG
5	0.2702	26.65	9.80	36.45	61.11	-24.66	QP
6	0.2702	18.71	9.80	28.51	51.11	-22.60	AVG
7	0.3681	28.11	9.81	37.92	58.54	-20.62	QP
8	0.3681	23.69	9.81	33.50	48.54	-15.04	AVG
9	0.5516	27.81	9.83	37.64	56.00	-18.36	QP
10	★0.5516	24.29	9.83	34.12	46.00	-11.88	AVG
11	1.1087	26.89	9.84	36.73	56.00	-19.27	QP
12	1.1087	22.27	9.84	32.11	46.00	-13.89	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Neutral



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 22, 2013	Temperature	27 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	TX Mode 1 -GFSK	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

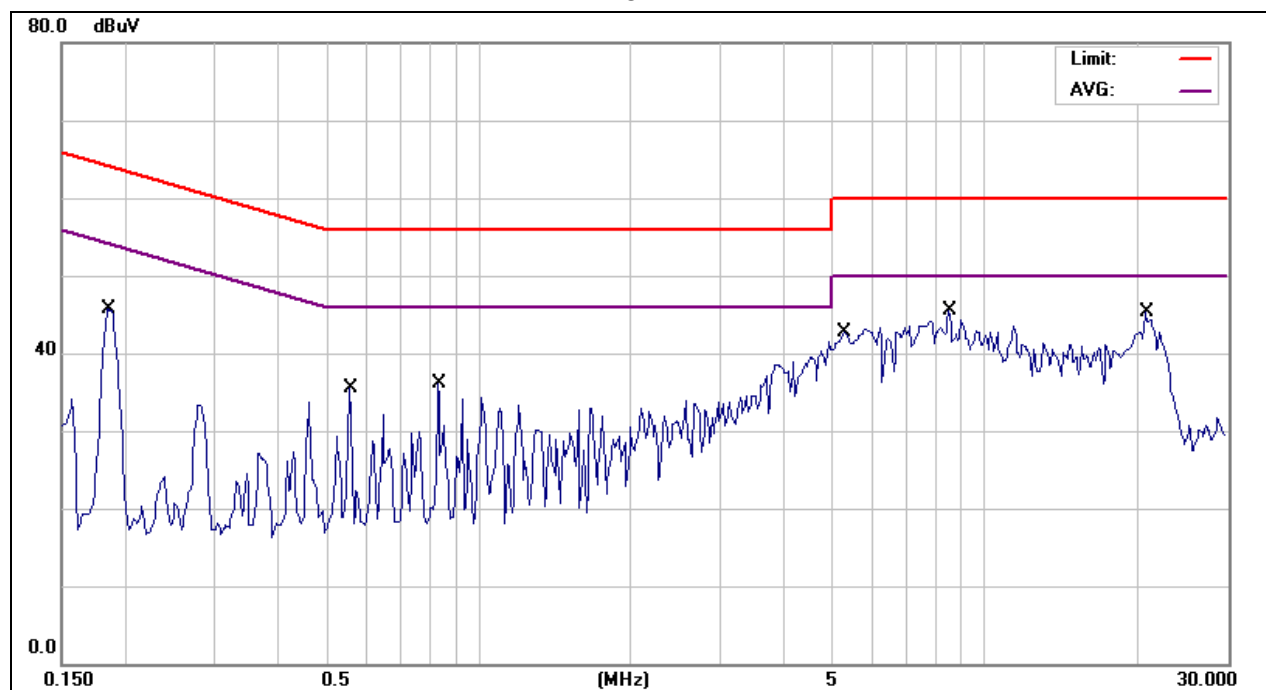
Line

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV	Limit dBμV	Over Limit dB	Detector
1	0.1856	34.99	9.78	44.77	64.23	-19.46	QP
2	★0.1856	31.34	9.78	41.12	54.23	-13.11	AVG
3	0.5564	24.99	9.84	34.83	56.00	-21.17	QP
4	0.5564	22.09	9.84	31.93	46.00	-14.07	AVG
5	0.8350	25.78	9.84	35.62	56.00	-20.38	QP
6	0.8350	18.78	9.84	28.62	46.00	-17.38	AVG
7	5.2872	29.69	9.97	39.66	60.00	-20.34	QP
8	5.2872	22.80	9.97	32.77	50.00	-17.23	AVG
9	8.5146	31.12	10.01	41.13	60.00	-18.87	QP
10	8.5146	23.37	10.01	33.38	50.00	-16.62	AVG
11	20.9163	28.77	10.02	38.79	60.00	-21.21	QP
12	20.9163	17.38	10.02	27.40	50.00	-22.60	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Line



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 22, 2013	Temperature	27 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	TX Mode 1 -GFSK	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

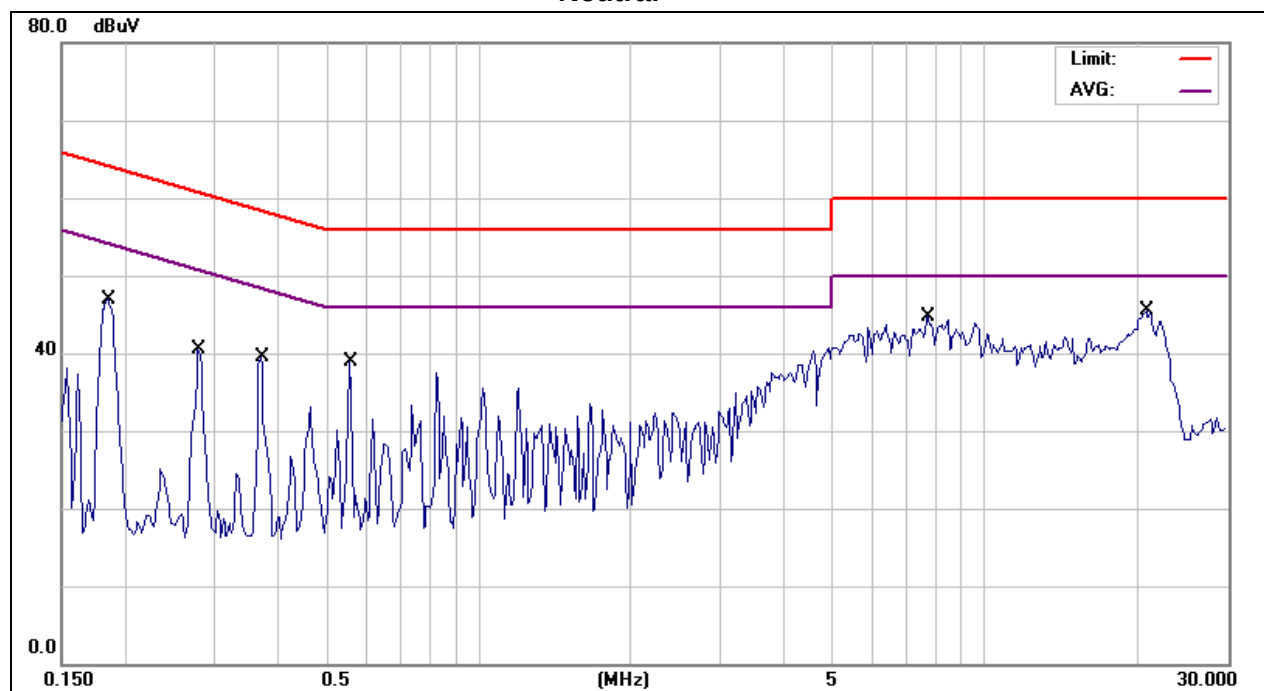
Neutral

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV	Limit dBμV	Over Limit dB	Detector
1	0.1850	38.15	9.79	47.94	64.26	-16.32	QP
2	★0.1850	35.85	9.79	45.64	54.26	-8.62	AVG
3	0.2790	31.78	9.80	41.58	60.85	-19.27	QP
4	0.2790	25.62	9.80	35.42	50.85	-15.43	AVG
5	0.3725	29.13	9.81	38.94	58.44	-19.50	QP
6	0.3725	22.76	9.81	32.57	48.44	-15.87	AVG
7	0.5563	28.43	9.83	38.26	56.00	-17.74	QP
8	0.5563	25.58	9.83	35.41	46.00	-10.59	AVG
9	7.7011	30.99	10.03	41.02	60.00	-18.98	QP
10	7.7011	23.89	10.03	33.92	50.00	-16.08	AVG
11	20.9445	29.61	10.19	39.80	60.00	-20.20	QP
12	20.9445	17.76	10.19	27.95	50.00	-22.05	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Neutral



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 22, 2013	Temperature	27 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	TX Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

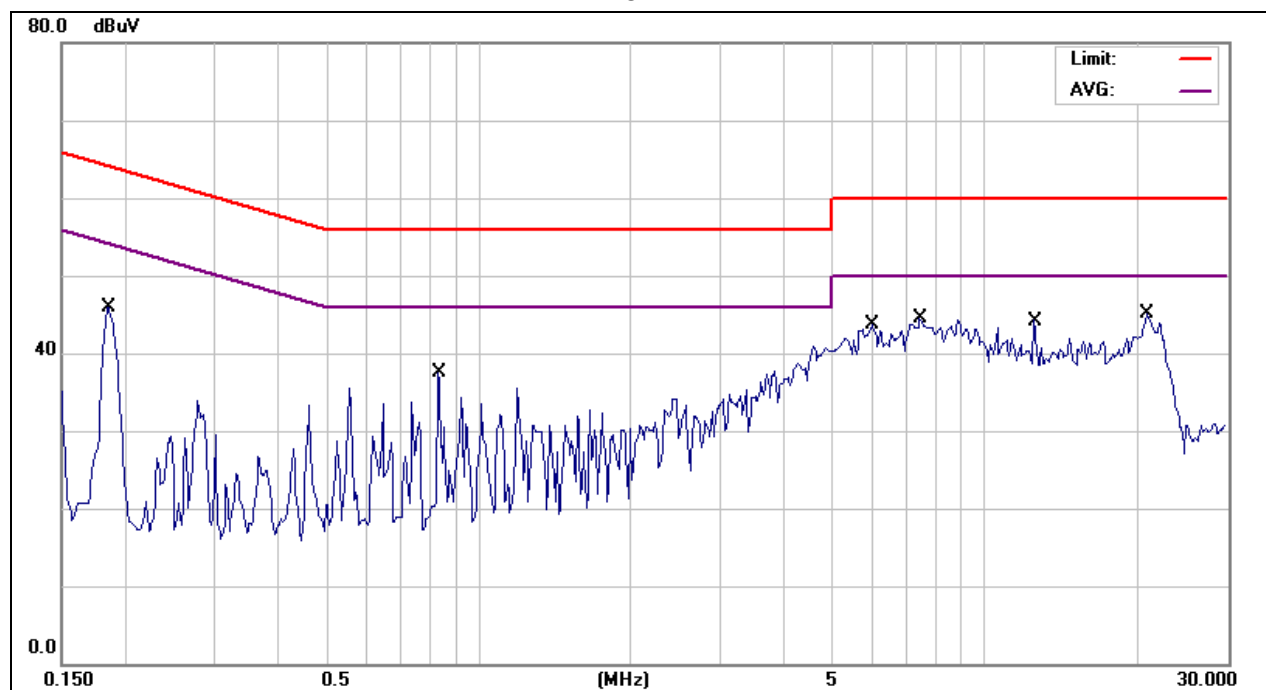
Line

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V	Limit dB μ V	Over Limit dB	Detector
1	0.1852	34.99	9.78	44.77	64.25	-19.48	QP
2	★0.1852	31.41	9.78	41.19	54.25	-13.06	AVG
3	0.8317	26.73	9.84	36.57	56.00	-19.43	QP
4	0.8317	18.38	9.84	28.22	46.00	-17.78	AVG
5	5.9938	31.04	9.98	41.02	60.00	-18.98	QP
6	5.9938	23.98	9.98	33.96	50.00	-16.04	AVG
7	7.4873	28.93	10.00	38.93	60.00	-21.07	QP
8	7.4873	21.22	10.00	31.22	50.00	-18.78	AVG
9	12.5139	26.63	10.04	36.67	60.00	-23.33	QP
10	12.5139	18.51	10.04	28.55	50.00	-21.45	AVG
11	20.9912	30.52	10.02	40.54	60.00	-19.46	QP
12	20.9912	18.80	10.02	28.82	50.00	-21.18	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Line



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 22, 2013	Temperature	27 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	TX Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

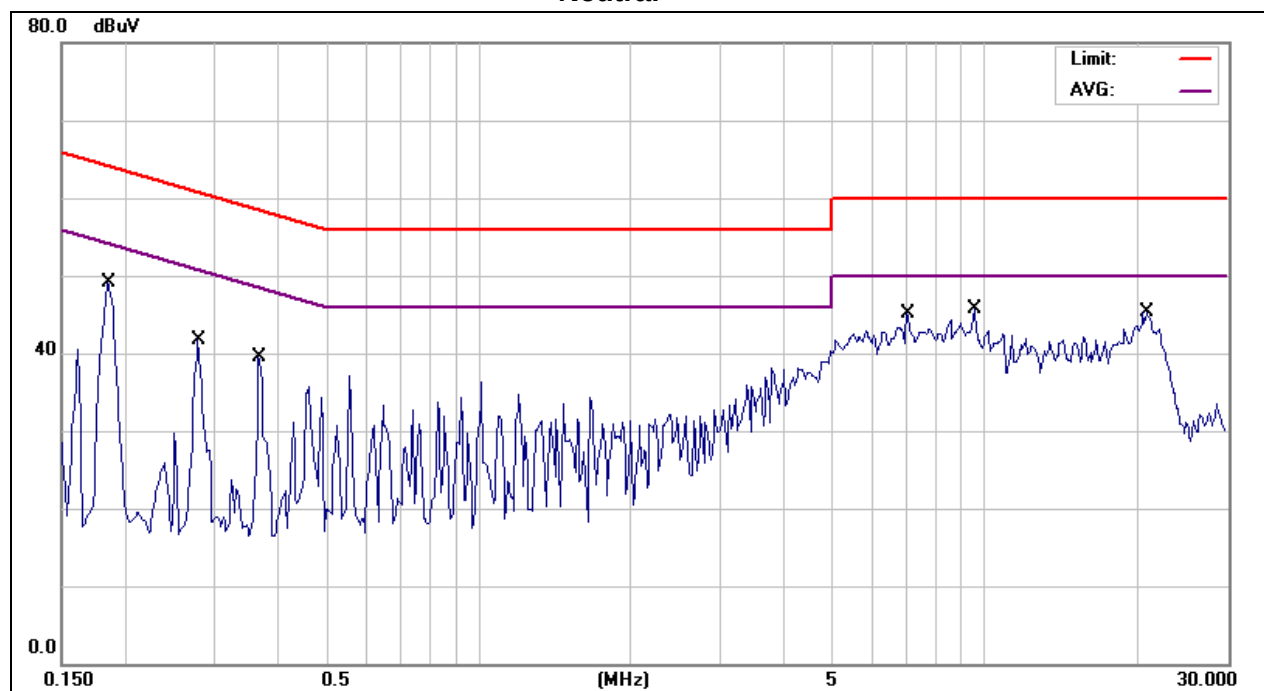
Neutral

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V	Limit dB μ V	Over Limit dB	Detector
1	0.1848	38.11	9.79	47.90	64.27	-16.37	QP
2	★0.1848	35.85	9.79	45.64	54.27	-8.63	AVG
3	0.2788	32.07	9.80	41.87	60.85	-18.98	QP
4	0.2788	25.55	9.80	35.35	50.85	-15.50	AVG
5	0.3684	29.68	9.81	39.49	58.54	-19.05	QP
6	0.3684	22.56	9.81	32.37	48.54	-16.17	AVG
7	7.0376	28.12	10.01	38.13	60.00	-21.87	QP
8	7.0376	20.77	10.01	30.78	50.00	-19.22	AVG
9	9.5584	29.54	10.06	39.60	60.00	-20.40	QP
10	9.5584	22.82	10.06	32.88	50.00	-17.12	AVG
11	20.9575	30.28	10.19	40.47	60.00	-19.53	QP
12	20.9575	19.05	10.19	29.24	50.00	-20.76	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Neutral



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 22, 2013	Temperature	27 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	TX Mode 3 -8DPSK	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

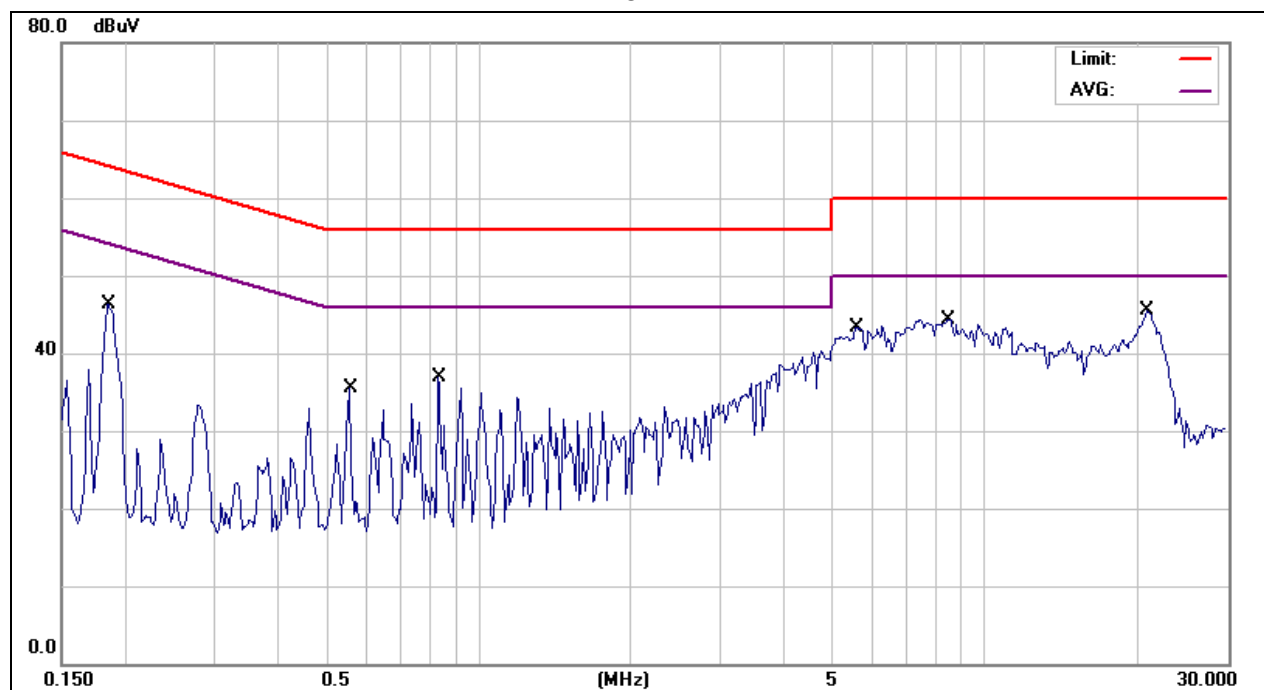
Line

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV	Limit dBμV	Over Limit dB	Detector
1	0.1845	34.67	9.78	44.45	64.28	-19.83	QP
2	★0.1845	31.34	9.78	41.12	54.28	-13.16	AVG
3	0.5558	24.84	9.84	34.68	56.00	-21.32	QP
4	0.5558	21.74	9.84	31.58	46.00	-14.42	AVG
5	0.8353	23.83	9.84	33.67	56.00	-22.33	QP
6	0.8353	17.04	9.84	26.88	46.00	-19.12	AVG
7	5.5893	31.55	9.97	41.52	60.00	-18.48	QP
8	5.5893	23.76	9.97	33.73	50.00	-16.27	AVG
9	8.5481	27.17	10.01	37.18	60.00	-22.82	QP
10	8.5481	19.59	10.01	29.60	50.00	-20.40	AVG
11	20.9978	28.70	10.02	38.72	60.00	-21.28	QP
12	20.9978	17.63	10.02	27.65	50.00	-22.35	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Line



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

Date of Test	August 22, 2013	Temperature	27 °C
EUT	BLUETOOTH ADAPTOR	Humidity	59 %
Test Mode	TX Mode 3 -8DPSK	Display Pattern	Program
Test Power Supply	AC 110V/60Hz		

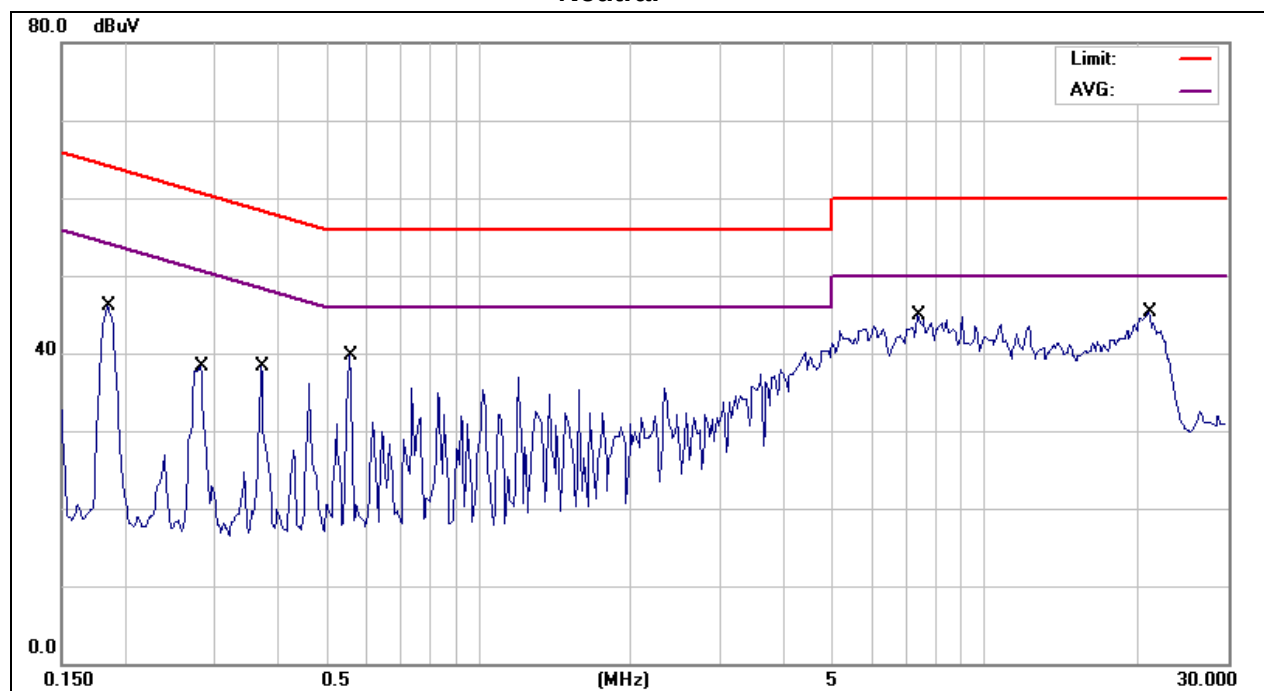
Neutral

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV	Limit dBμV	Over Limit dB	Detector
1	0.1848	38.17	9.79	47.96	64.27	-16.31	QP
2	★0.1848	35.90	9.79	45.69	54.27	-8.58	AVG
3	0.2826	27.37	9.80	37.17	60.74	-23.57	QP
4	0.2826	21.40	9.80	31.20	50.74	-19.54	AVG
5	0.3709	29.37	9.81	39.18	58.48	-19.30	QP
6	0.3709	23.52	9.81	33.33	48.48	-15.15	AVG
7	0.5564	28.84	9.83	38.67	56.00	-17.33	QP
8	0.5564	25.73	9.83	35.56	46.00	-10.44	AVG
9	7.3727	30.51	10.02	40.53	60.00	-19.47	QP
10	7.3727	22.87	10.02	32.89	50.00	-17.11	AVG
11	21.195	28.93	10.19	39.12	60.00	-20.88	QP
12	21.195	17.92	10.19	28.11	50.00	-21.89	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " ★ " means that this data is the worst case measurement level.
6. The measurement uncertainty is 3.93 dB.

Neutral



- Remark:
1. The Limit (The red line of the graph indicates the quasi-peak measurements).
 2. The AVG (The purple line of the graph indicates the average measurements).
 3. The scan curve indicates peak detector measurement.

4. RADIATION EMISSION DATA

4.1 TEST EQUIPMENT

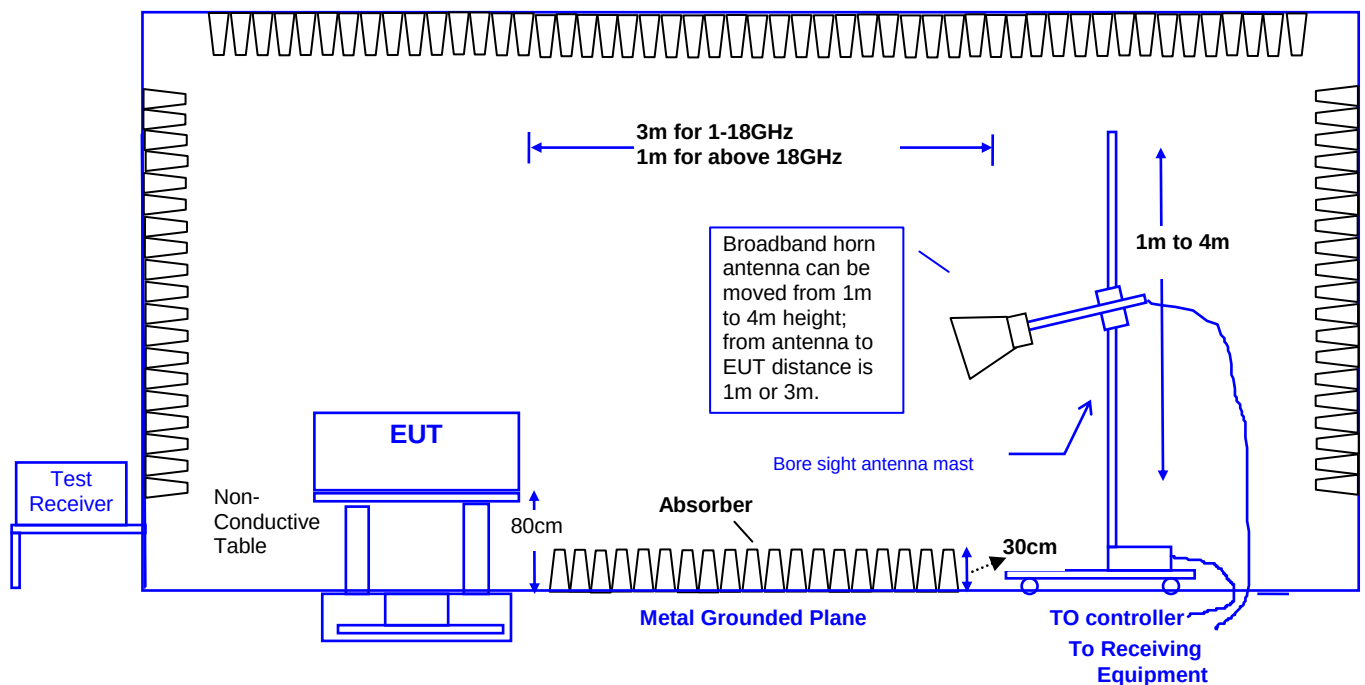
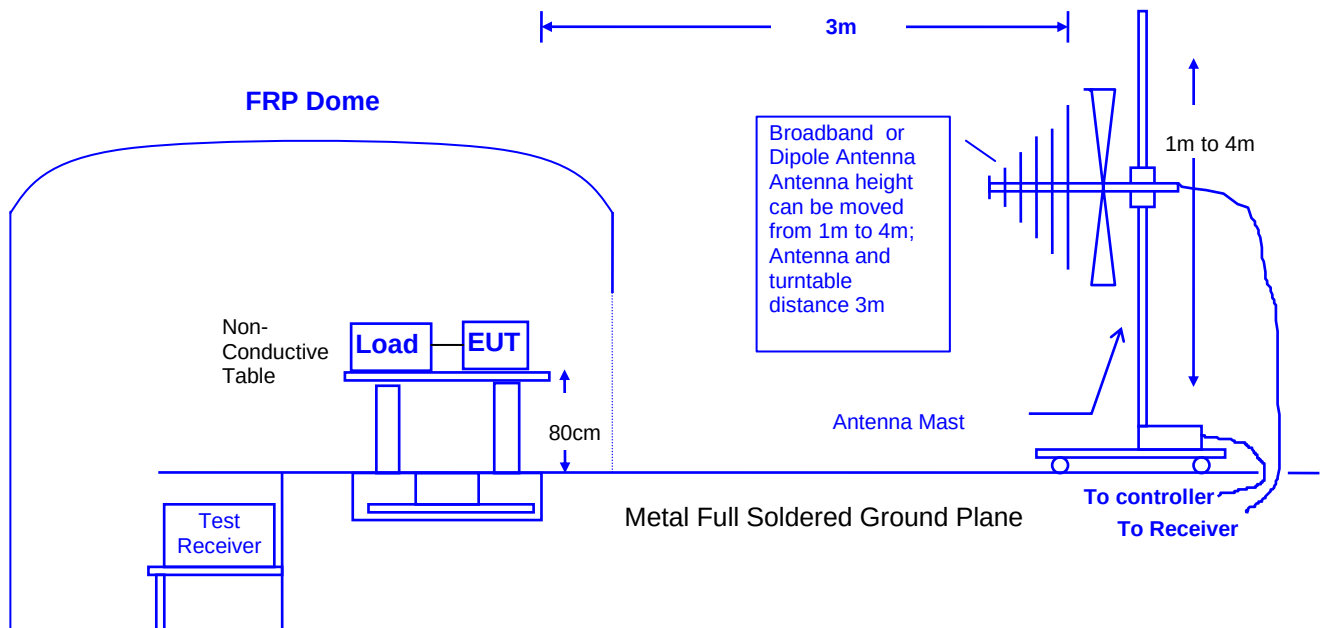
The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSU26	200882	2013.09.19
2	Active Loop	EMCO	6507	95101353	2013.11.18
3	Pre-Amplifier	EMV-Technik	PA303	GTK-E-A339-01	2014.04.13
4	Pre-Amplifier	HP	8449B	3008A01264	2014.06.10
5	BILOG ANTENNA	SCHWARZBECK	VULB 9168	9168-253	2014.02.28
6	HORN ANTENNA	SCHWARZBECK	BBHA 9120	D243	2014.01.23
7	BOARD-BAND ANTENNA	SCHWARZBECK	BBHA 9170	BBHA9170164	2014.01.27
8	CABLE	INSULATED WIRE INC.	SPS-2801-3940-NPS	03262012	2014.04.07
9	CABLE	SUHNER	SUCOFLEX 104PEA	MY3501/4PEA	2013.10.08
10	Test Program Software	Hotlife	CSR BC4	N/A	N/A

Note: 1. All equipments are calibrated and will be valid only for a period of 1 year.

2. The test was performed at GTK Chamber A6 (Under 1GHz) and Chamber A6 (Above 1GHz).

4.2 OPEN TEST SITE SETUP DIAGRAM



Note: This is a representative setup diagram for Table-top EUT.
For Floor-standing EUT, the table will be removed with all the other setup conditions remain the same.

4.3 RADIATED EMISSION LIMIT

In any 100KHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100KHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209 (a) (see Section 15.205(c)).

☒ FCC 15.209 Limit

Frequency MHz	Distance Meter	Field Strength	
		$\mu\text{V/M}$	$\text{dB}\mu\text{V/M}$
0.009 – 0.490	300	2400/F (KHz)	97.0 – 27.6
0.490 – 1.705	30	24000/F (KHz)	67.6 – 45.9
1.705 – 30.0	30	30	59.0
30 to 88	3	100	40.0
88 to 216	3	150	43.5
216 to 960	3	200	46.0
Above 960	3	500	54.0

Note : The frequencies above 1000MHz, as measured using instrumentation with a peak detector function was corresponding to 20dB above the maximum permitted average limit.

4.4 TEST CONFIGURATION

The equipment which is listed 4.1 are installed on Radiated Emission Test to meet the Commission requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

The device under test, installed in a representative system as described in section 4.2, was placed on a non-conductive table whose total height equaled 80 cm. This table can be rotated 360 degree. The measurement antenna was mounted to a non-conductive mast capable of moving the antenna vertically. Antenna height was varied from 1 meter to 4 meters and the system under test was rotated from 0 degree through 360 degrees relative to the antenna position and polarization (Horizontal and Vertical). Also the I/O cable position was investigated to find the maximum emission condition.

4.5 OPERATING CONDITION OF EUT

Same as section 2.9.

4.6 RADIATED EMISSION DATA

The measurement range of radiated emission, which is from **9 kHz to 10th Harmonics**, was investigated. All readings below 1GHz are quasi-peak values with a resolution bandwidth of 120 KHz. Above 1GHz are peak and avg. values with a resolution bandwidth of 1MHz. The initial step in collecting radiated emission data is a spectrum analyzer peak scans of the measurement range for all the test modes and then use test receiver for final measurement. Then the worst modes were reported the following data pages.

The measured results between 9kHz and 30MHz are 20dB lower than the allowed limit already, therefore the test results are not recorded in this report.

4.7 RADIATED EMISSIONS MEASUREMENT RESULTS

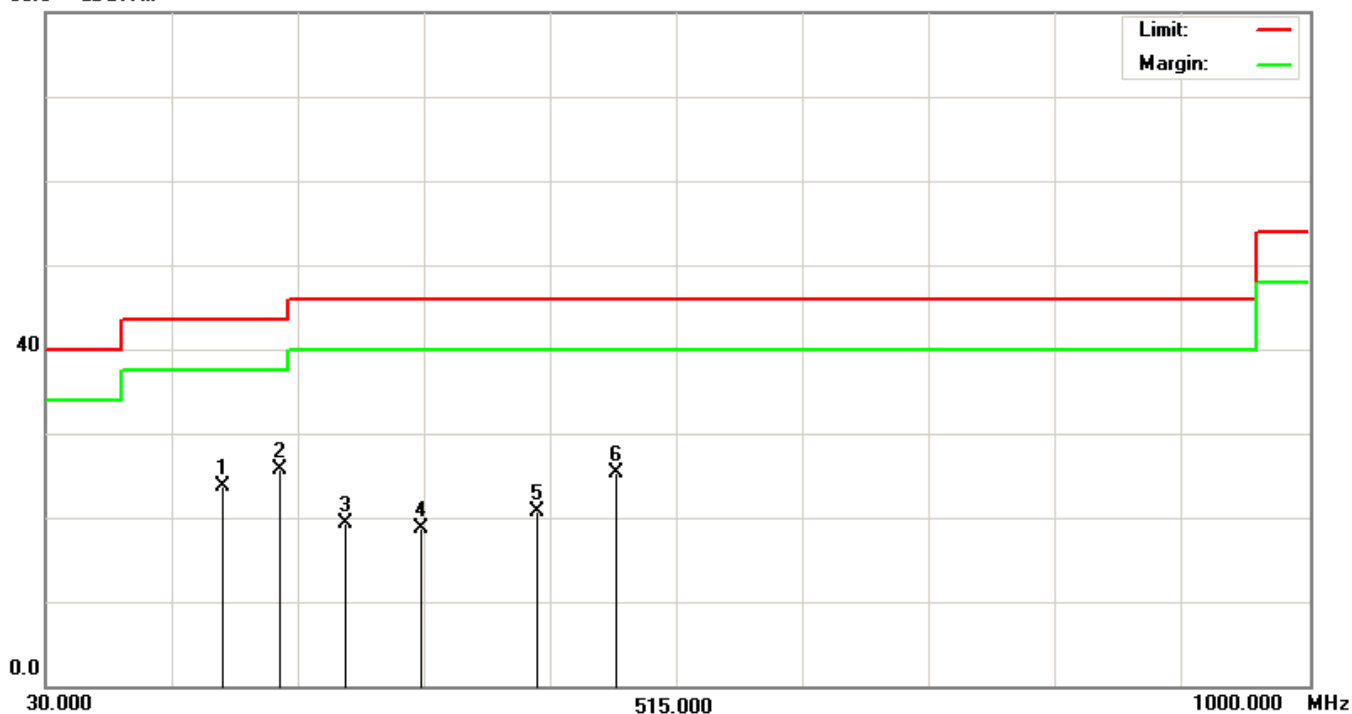
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	165.8000	40.34	-16.69	23.65	43.50	-19.85	QP
2	★210.4200	44.23	-18.62	25.61	43.50	-17.89	QP
3	260.8600	36.43	-17.08	19.35	46.00	-26.65	QP
4	319.0600	33.89	-15.27	18.62	46.00	-27.38	QP
5	408.3000	34.09	-13.34	20.75	46.00	-25.25	QP
6	468.4400	37.28	-12.07	25.21	46.00	-20.79	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

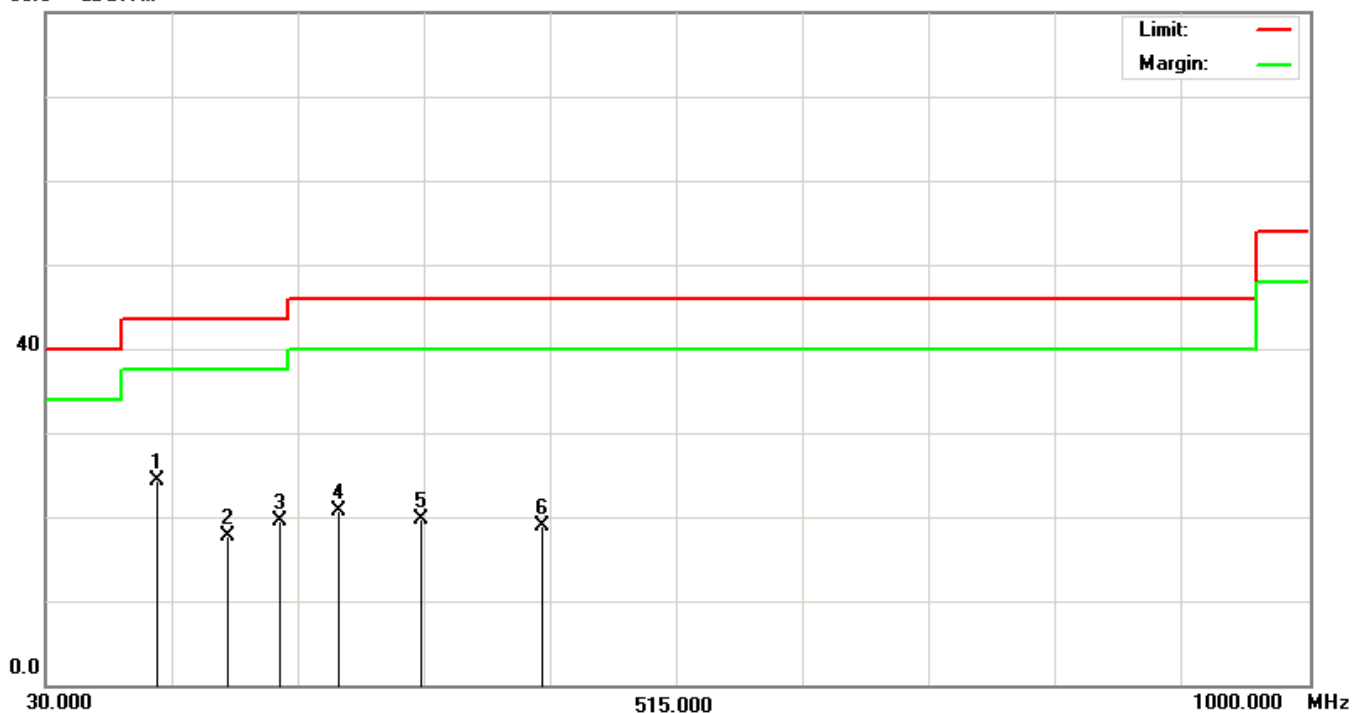
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	★115.3600	43.56	-19.30	24.26	43.50	-19.24	QP
2	169.6800	34.66	-16.99	17.67	43.50	-25.83	QP
3	210.4200	38.20	-18.62	19.58	43.50	-23.92	QP
4	255.0400	38.06	-17.28	20.78	46.00	-25.22	QP
5	319.0600	34.92	-15.27	19.65	46.00	-26.35	QP
6	412.1800	32.16	-13.25	18.91	46.00	-27.09	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

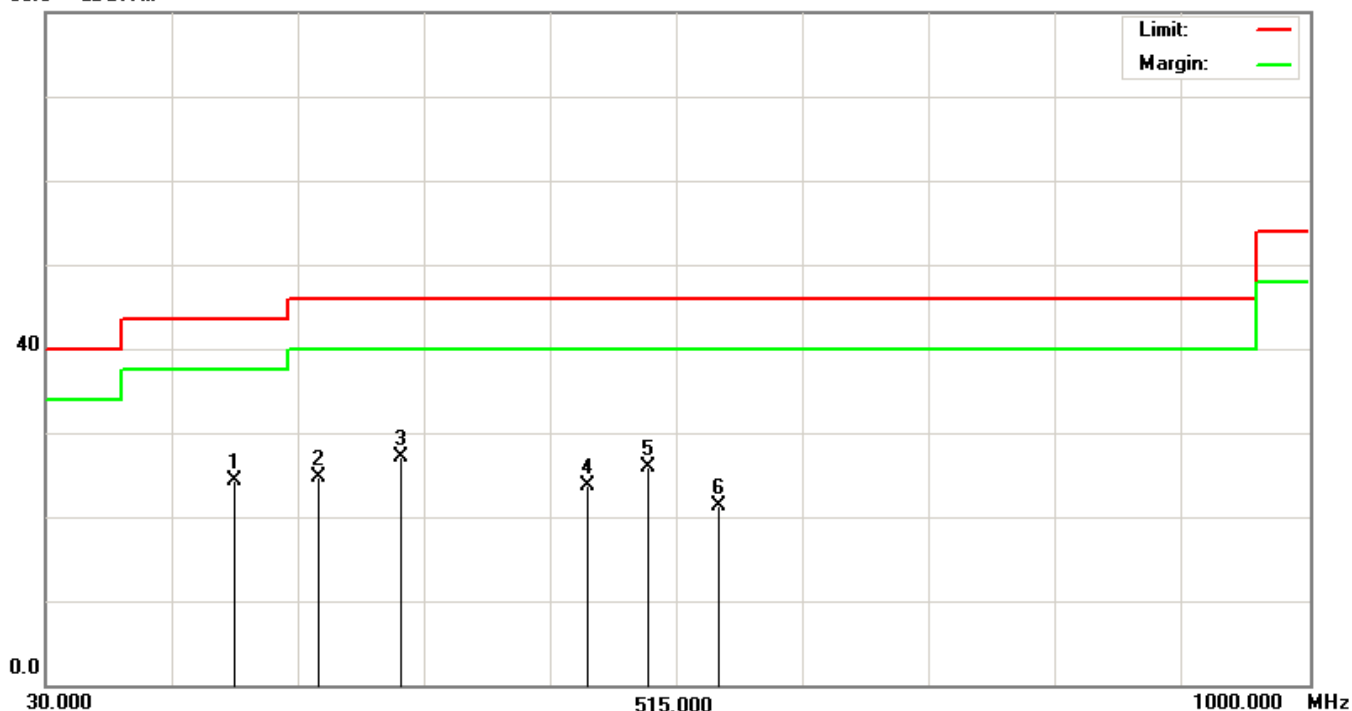
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2440 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	175.5000	41.80	-17.43	24.37	43.50	-19.13	QP
2	239.5200	42.55	-17.77	24.78	46.00	-21.22	QP
3	★303.5400	42.66	-15.61	27.05	46.00	-18.95	QP
4	447.1000	36.24	-12.52	23.72	46.00	-22.28	QP
5	493.6600	37.38	-11.54	25.84	46.00	-20.16	QP
6	547.9800	31.91	-10.52	21.39	46.00	-24.61	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

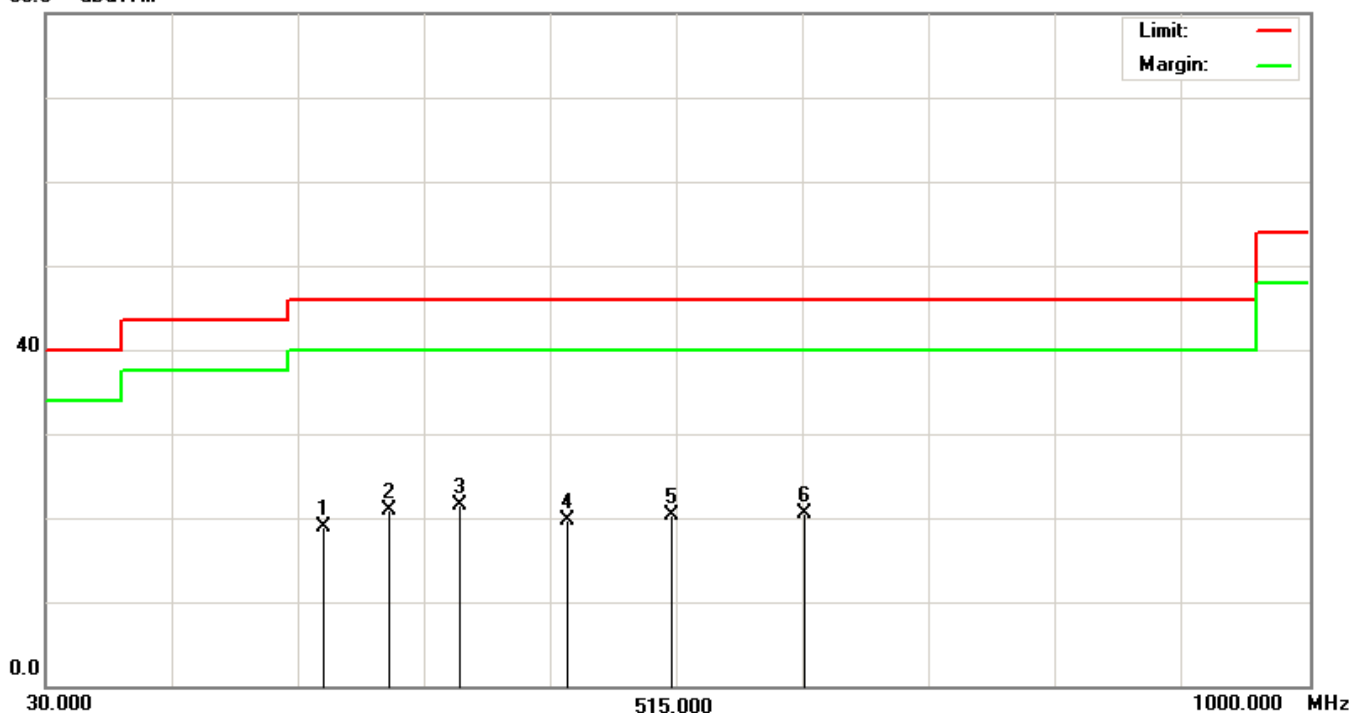
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2440 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	243.4000	36.65	-17.65	19.00	46.00	-27.00	QP
2	293.8400	36.78	-15.91	20.87	46.00	-25.13	QP
3	★348.1600	36.17	-14.64	21.53	46.00	-24.47	QP
4	431.5800	32.62	-12.85	19.77	46.00	-26.23	QP
5	511.1200	31.48	-11.20	20.28	46.00	-25.72	QP
6	613.9400	29.97	-9.40	20.57	46.00	-25.43	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

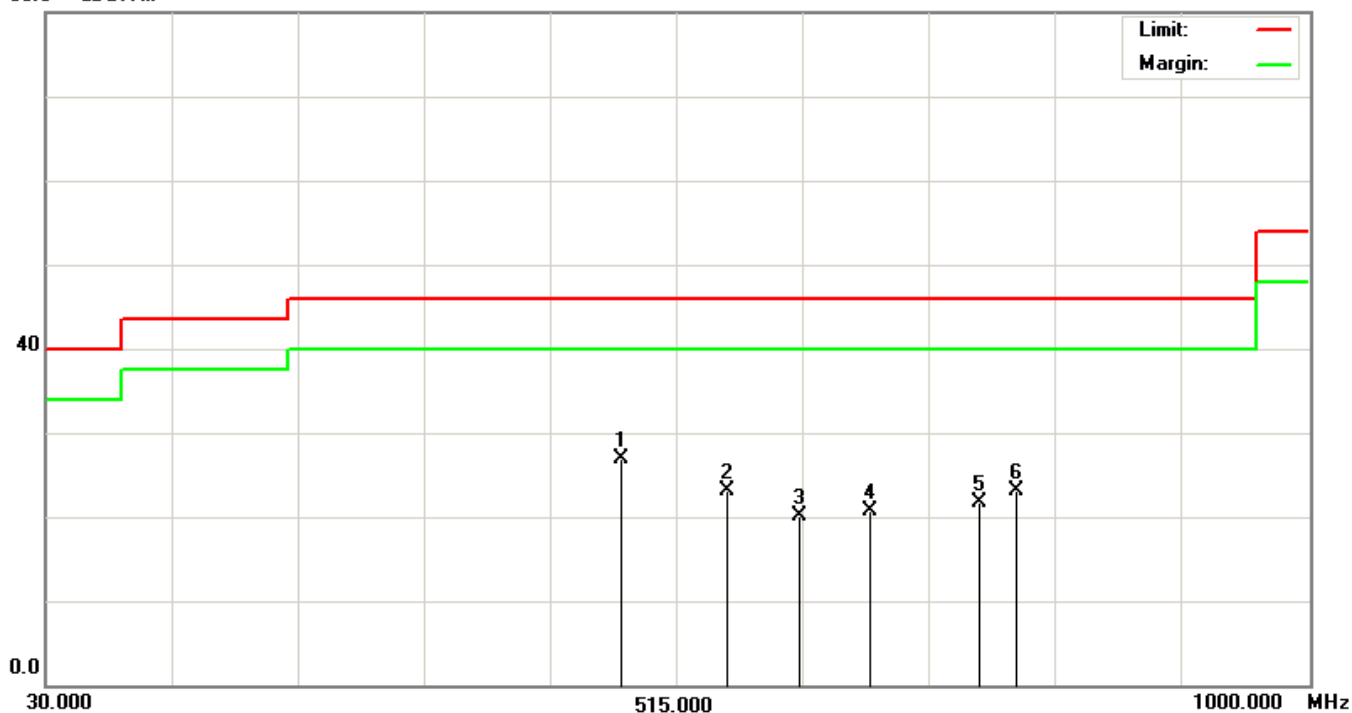
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	★472.3200	38.86	-11.99	26.87	46.00	-19.13	QP
2	553.8000	33.44	-10.41	23.03	46.00	-22.97	QP
3	610.0600	29.51	-9.44	20.07	46.00	-25.93	QP
4	664.3800	29.55	-8.87	20.68	46.00	-25.32	QP
5	747.8000	29.45	-7.80	21.65	46.00	-24.35	QP
6	776.9000	30.47	-7.38	23.09	46.00	-22.91	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

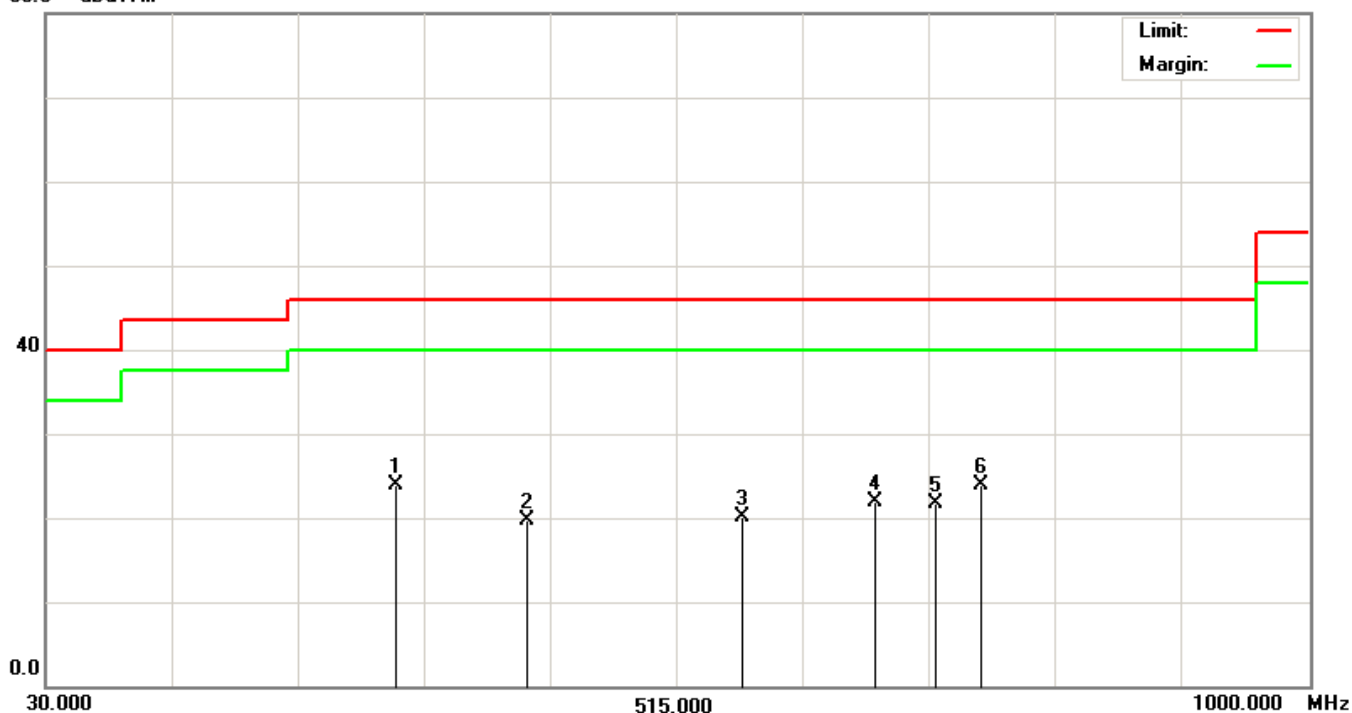
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	★299.6600	39.69	-15.70	23.99	46.00	-22.01	QP
2	400.5400	33.11	-13.50	19.61	46.00	-26.39	QP
3	565.4400	30.26	-10.19	20.07	46.00	-25.93	QP
4	668.2600	30.73	-8.83	21.90	46.00	-24.10	QP
5	714.8200	30.01	-8.28	21.73	46.00	-24.27	QP
6	749.7400	31.70	-7.77	23.93	46.00	-22.07	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

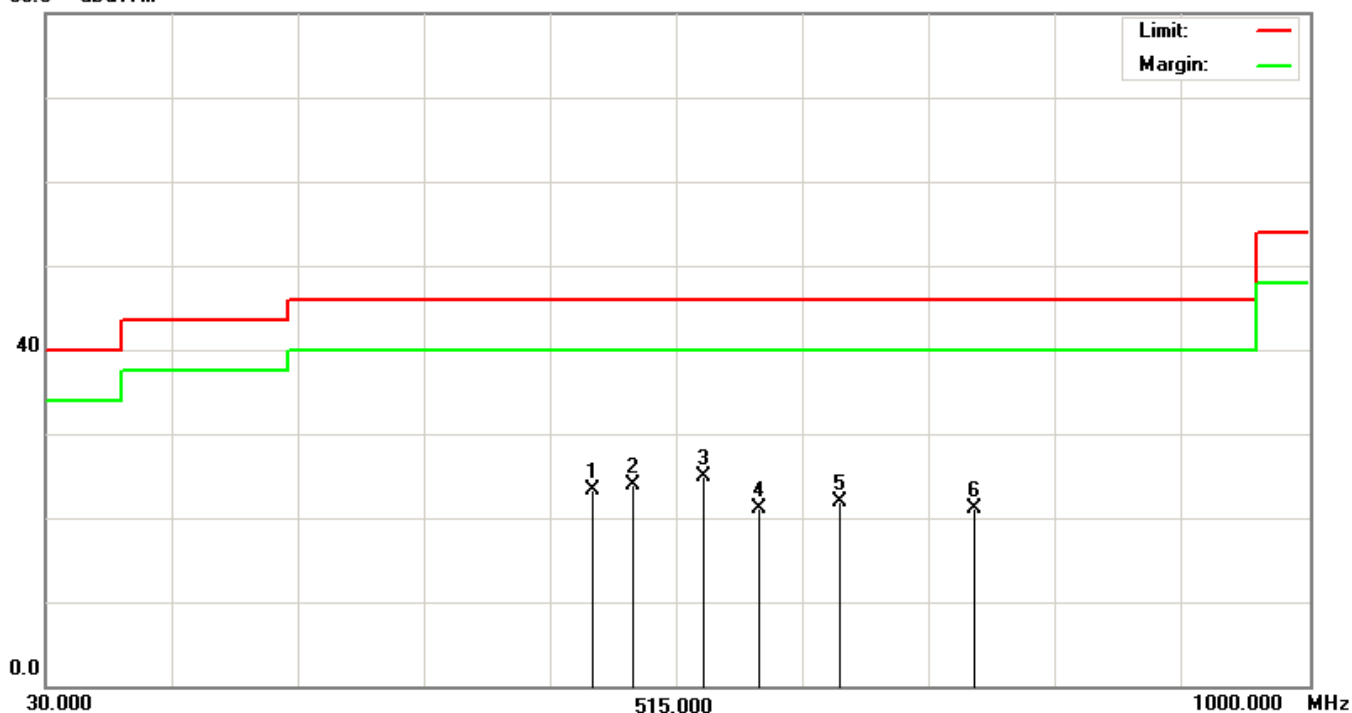
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - π /4 PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	450.9800	35.80	-12.44	23.36	46.00	-22.64	QP
2	482.0200	35.63	-11.79	23.84	46.00	-22.16	QP
3	★536.3400	35.63	-10.73	24.90	46.00	-21.10	QP
4	579.0200	31.04	-9.94	21.10	46.00	-24.90	QP
5	641.1000	30.95	-9.12	21.83	46.00	-24.17	QP
6	743.9200	29.04	-7.86	21.18	46.00	-24.82	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93dB.

80.0 dB μ V/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

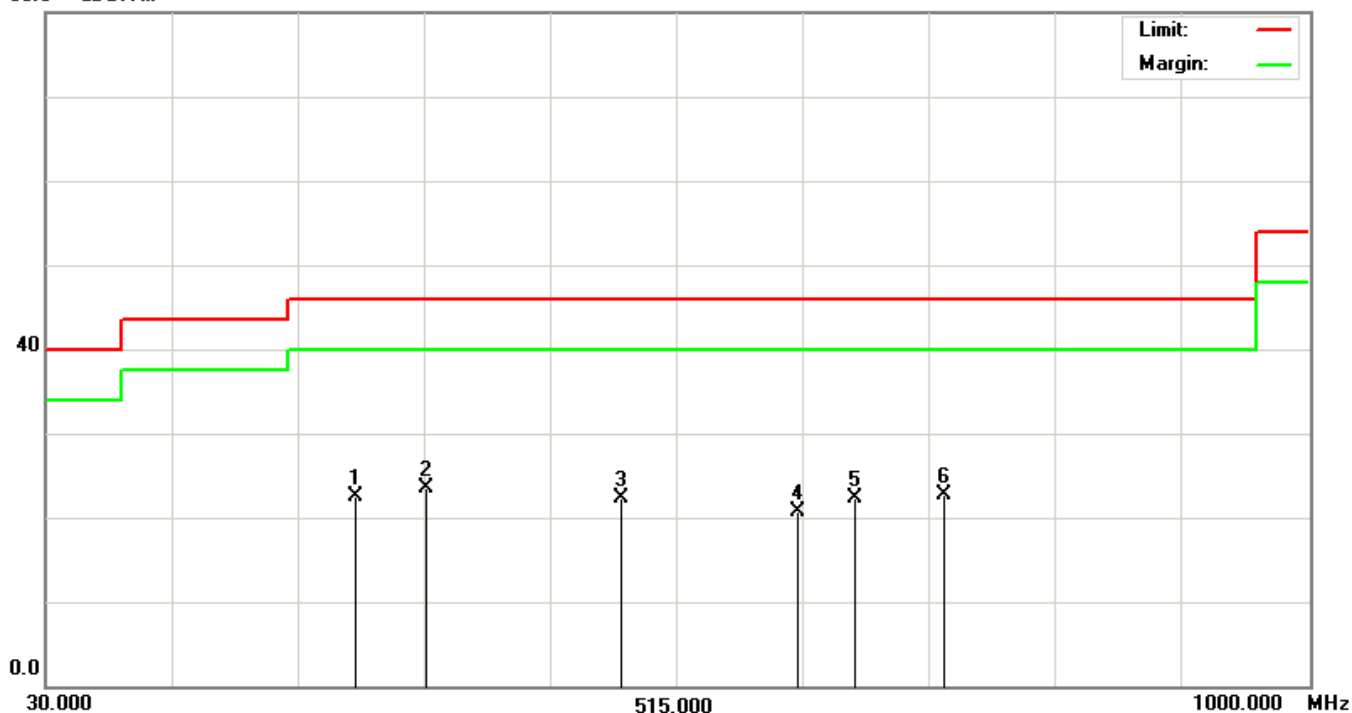
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - π /4 PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	268.6200	39.28	-16.80	22.48	46.00	-23.52	QP
2	★322.9400	38.76	-15.19	23.57	46.00	-22.43	QP
3	472.3200	34.36	-11.99	22.37	46.00	-23.63	QP
4	608.1200	30.24	-9.46	20.78	46.00	-25.22	QP
5	652.7400	31.24	-9.00	22.24	46.00	-23.76	QP
6	720.6400	30.91	-8.20	22.71	46.00	-23.29	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dB μ V/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

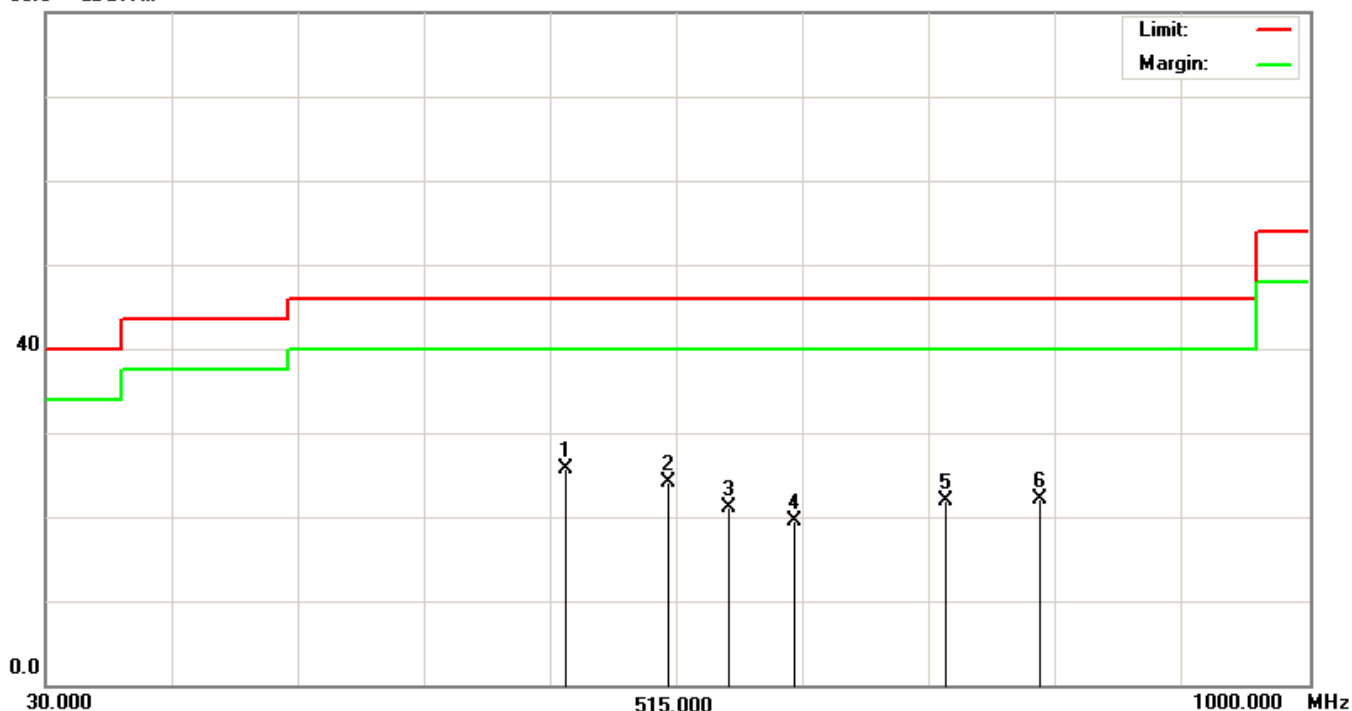
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2440 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	★429.6400	38.61	-12.89	25.72	46.00	-20.28	QP
2	509.1800	35.30	-11.24	24.06	46.00	-21.94	QP
3	555.7400	31.38	-10.37	21.01	46.00	-24.99	QP
4	606.1800	29.09	-9.49	19.60	46.00	-26.40	QP
5	722.5800	30.11	-8.17	21.94	46.00	-24.06	QP
6	794.3600	29.26	-7.12	22.14	46.00	-23.86	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dB μ V/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

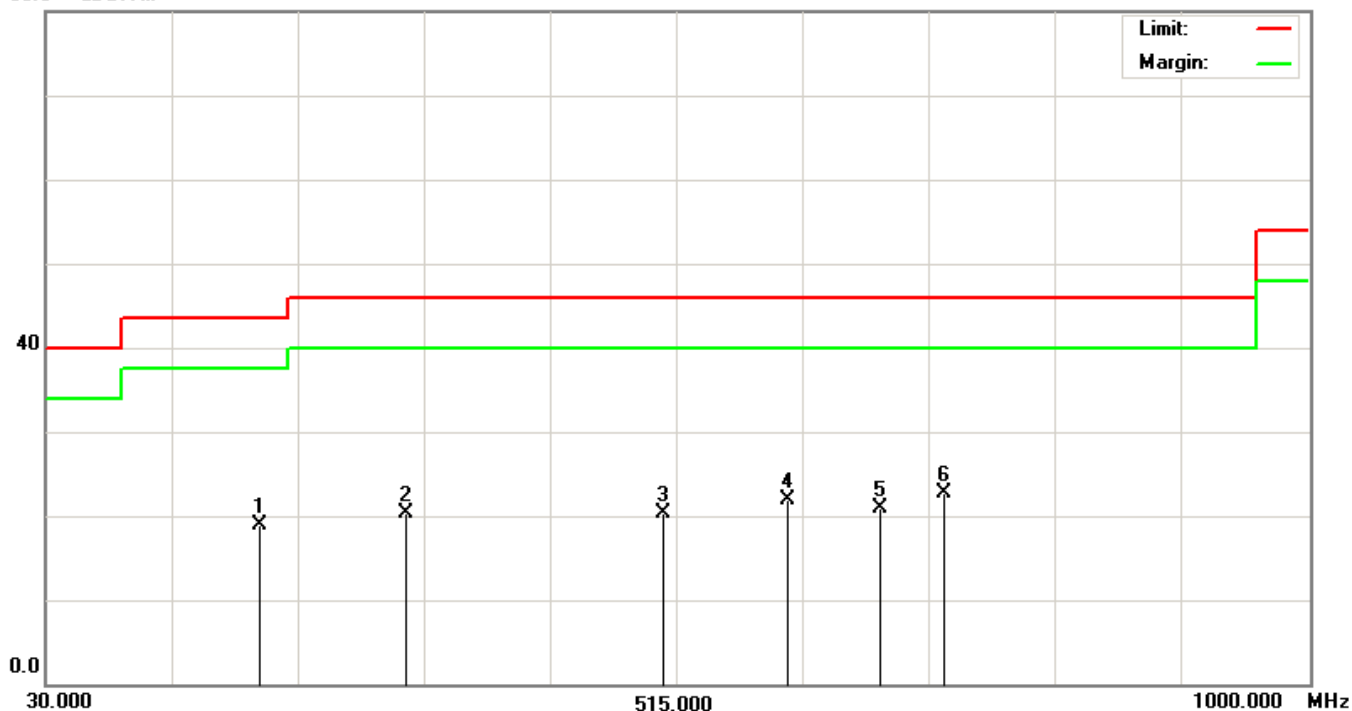
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2440 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	194.9000	37.49	-18.64	18.85	43.50	-24.65	QP
2	307.4200	35.79	-15.53	20.26	46.00	-25.74	QP
3	505.3000	31.52	-11.31	20.21	46.00	-25.79	QP
4	600.3600	31.47	-9.55	21.92	46.00	-24.08	QP
5	672.1400	29.72	-8.79	20.93	46.00	-25.07	QP
6	★720.6400	30.91	-8.20	22.71	46.00	-23.29	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93dB.

80.0 dB μ V/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

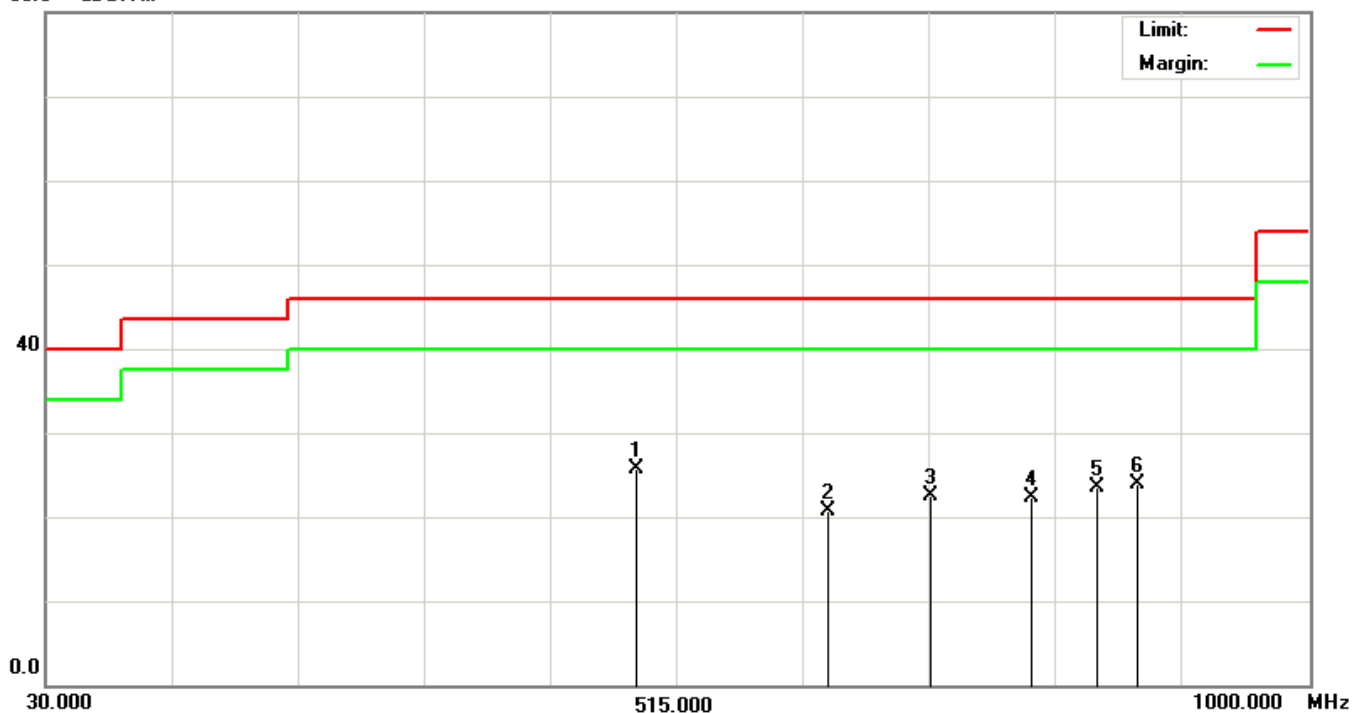
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - π /4 PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	★483.9600	37.51	-11.75	25.76	46.00	-20.24	QP
2	631.4000	30.02	-9.22	20.80	46.00	-25.20	QP
3	710.9400	30.80	-8.34	22.46	46.00	-23.54	QP
4	788.5400	29.49	-7.21	22.28	46.00	-23.72	QP
5	838.9800	30.13	-6.56	23.57	46.00	-22.43	QP
6	870.0200	30.02	-6.19	23.83	46.00	-22.17	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 4.61 dB.

80.0 dB μ V/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

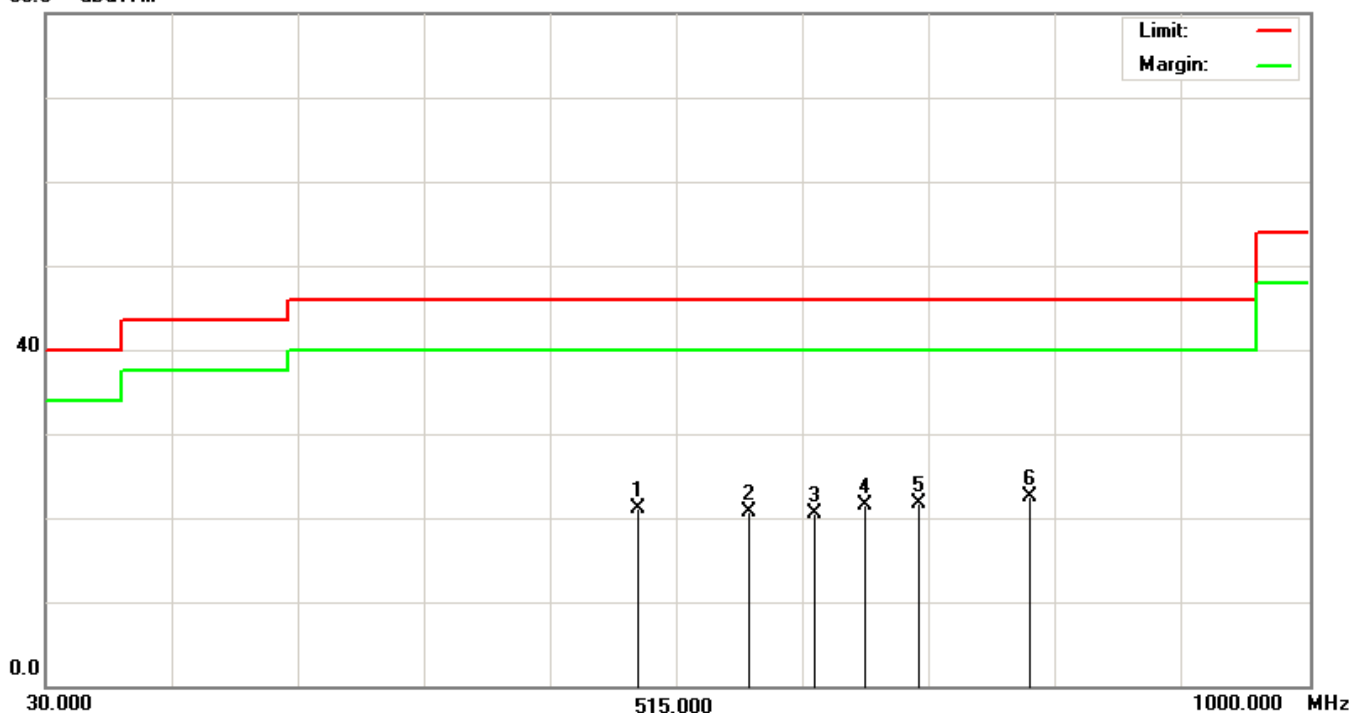
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	485.9000	32.87	-11.71	21.16	46.00	-24.84	QP
2	571.2600	30.79	-10.08	20.71	46.00	-25.29	QP
3	621.7000	29.77	-9.32	20.45	46.00	-25.55	QP
4	660.5000	30.32	-8.91	21.41	46.00	-24.59	QP
5	701.2400	30.20	-8.48	21.72	46.00	-24.28	QP
6	★786.6000	29.84	-7.24	22.60	46.00	-23.40	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dB μ V/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

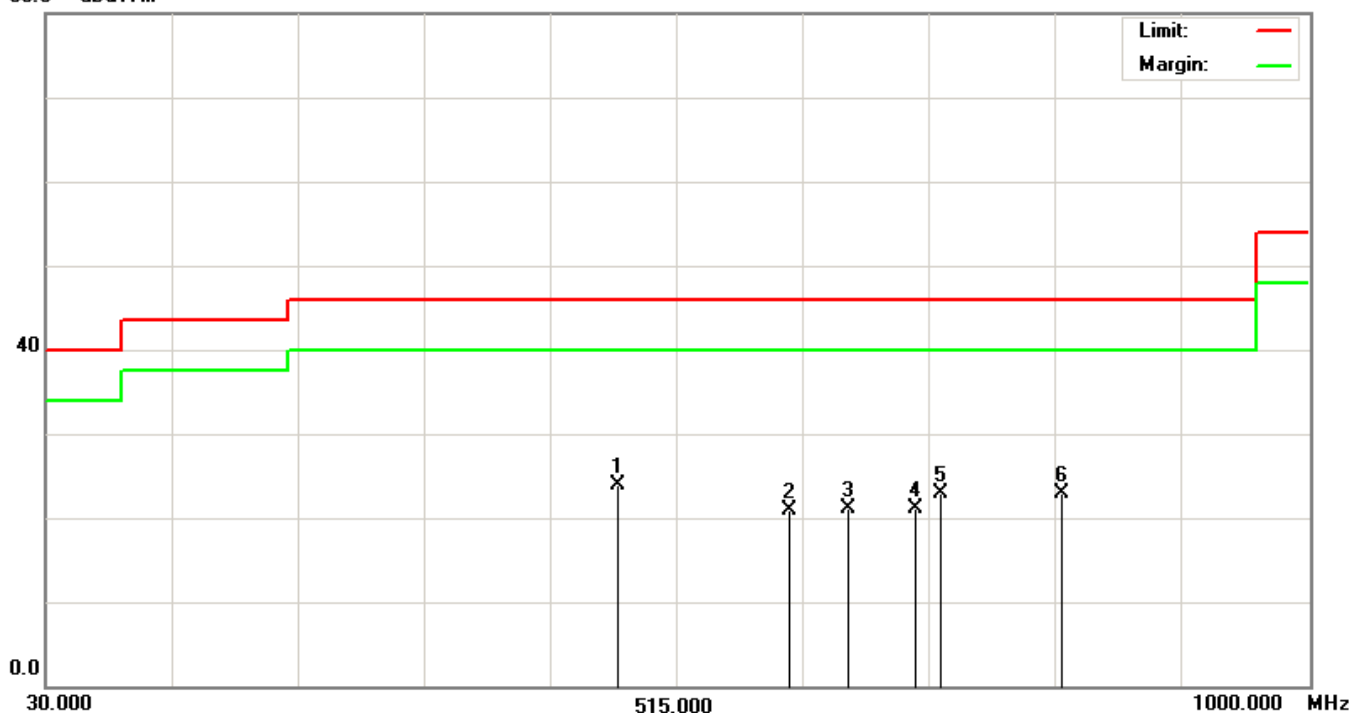
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	★470.3800	36.00	-12.03	23.97	46.00	-22.03	QP
2	602.3000	30.40	-9.53	20.87	46.00	-25.13	QP
3	646.9200	30.11	-9.06	21.05	46.00	-24.95	QP
4	699.3000	29.62	-8.51	21.11	46.00	-24.89	QP
5	718.7000	31.11	-8.23	22.88	46.00	-23.12	QP
6	811.8200	29.73	-6.90	22.83	46.00	-23.17	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

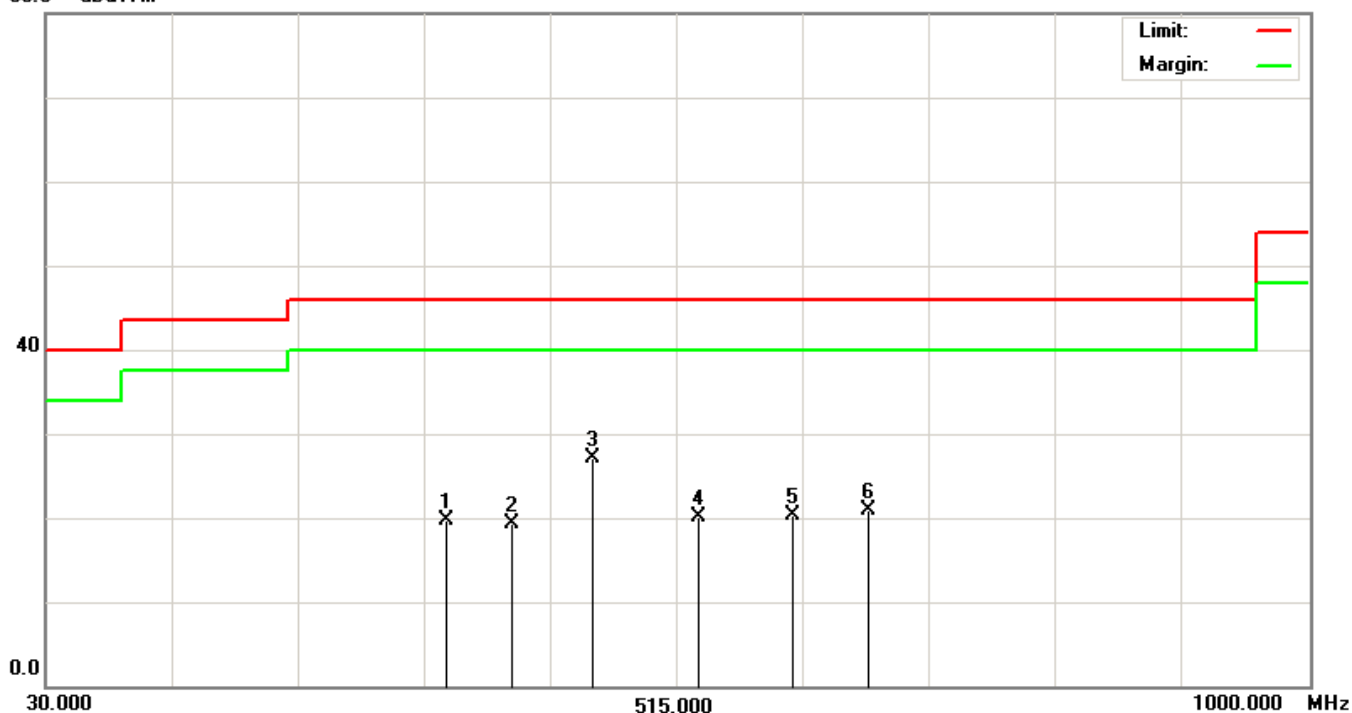
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	338.4600	34.60	-14.85	19.75	46.00	-26.25	QP
2	388.9000	32.99	-13.75	19.24	46.00	-26.76	QP
3	★450.9800	39.63	-12.44	27.19	46.00	-18.81	QP
4	532.4600	30.93	-10.81	20.12	46.00	-25.88	QP
5	604.2400	29.88	-9.51	20.37	46.00	-25.63	QP
6	662.4400	29.71	-8.89	20.82	46.00	-25.18	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

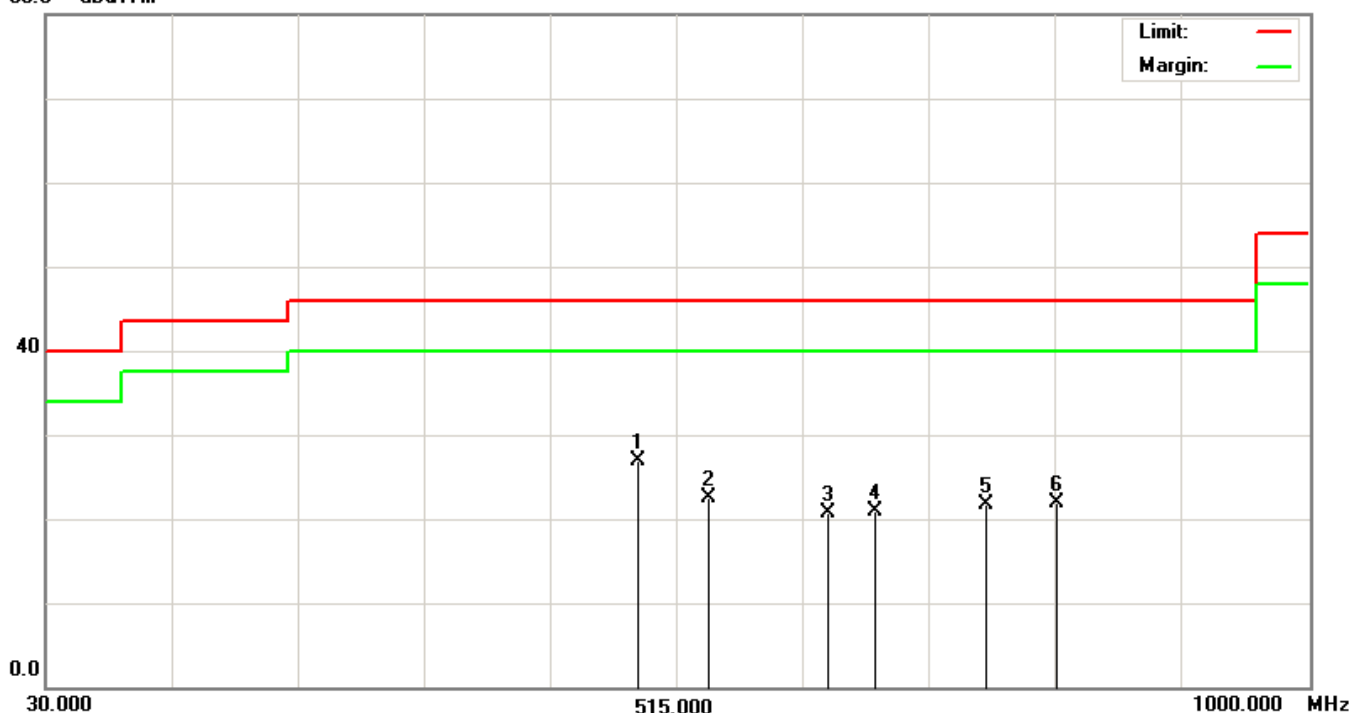
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2440 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	★485.9000	38.62	-11.71	26.91	46.00	-19.09	QP
2	540.2200	33.11	-10.66	22.45	46.00	-23.55	QP
3	631.4000	30.02	-9.22	20.80	46.00	-25.20	QP
4	668.2600	29.80	-8.83	20.97	46.00	-25.03	QP
5	753.6200	29.37	-7.72	21.65	46.00	-24.35	QP
6	807.9400	28.93	-6.94	21.99	46.00	-24.01	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

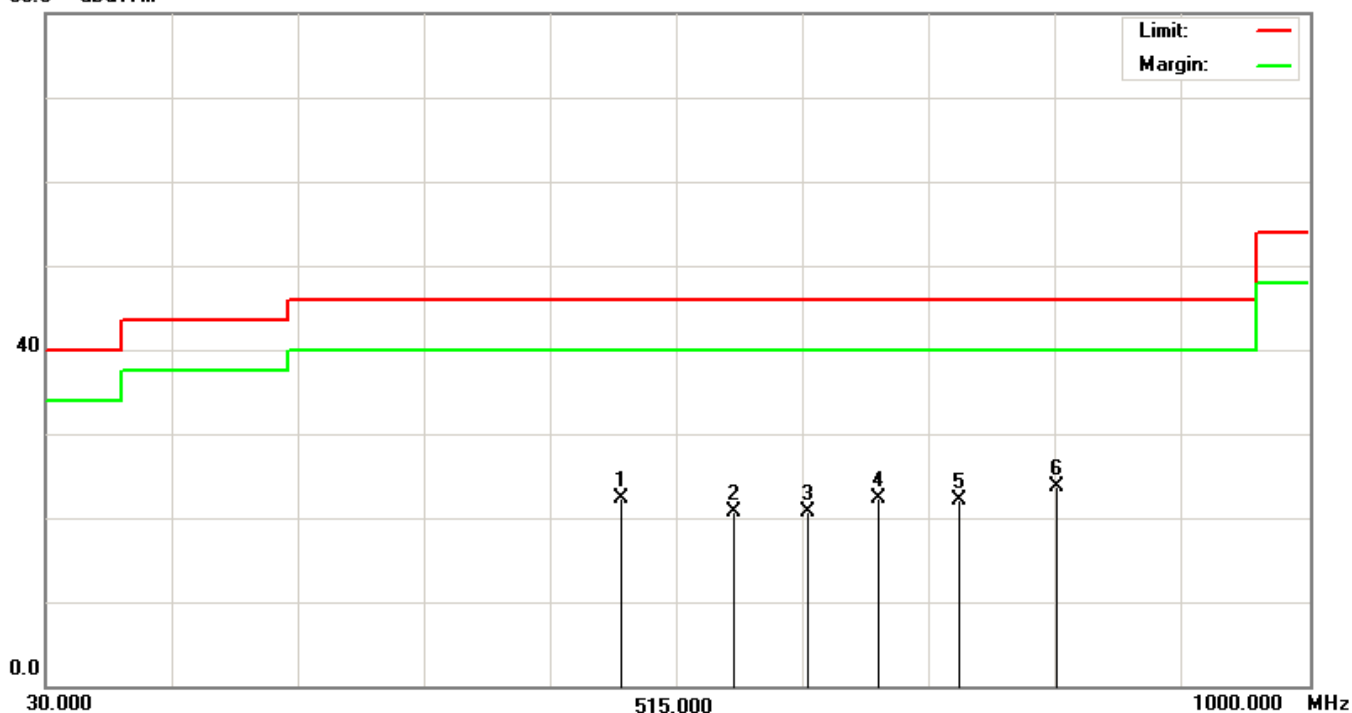
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2440 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	472.3200	34.36	-11.99	22.37	46.00	-23.63	QP
2	559.6200	31.03	-10.30	20.73	46.00	-25.27	QP
3	615.8800	30.17	-9.38	20.79	46.00	-25.21	QP
4	670.2000	31.05	-8.81	22.24	46.00	-23.76	QP
5	732.2800	30.12	-8.03	22.09	46.00	-23.91	QP
6	★807.9400	30.73	-6.94	23.79	46.00	-22.21	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

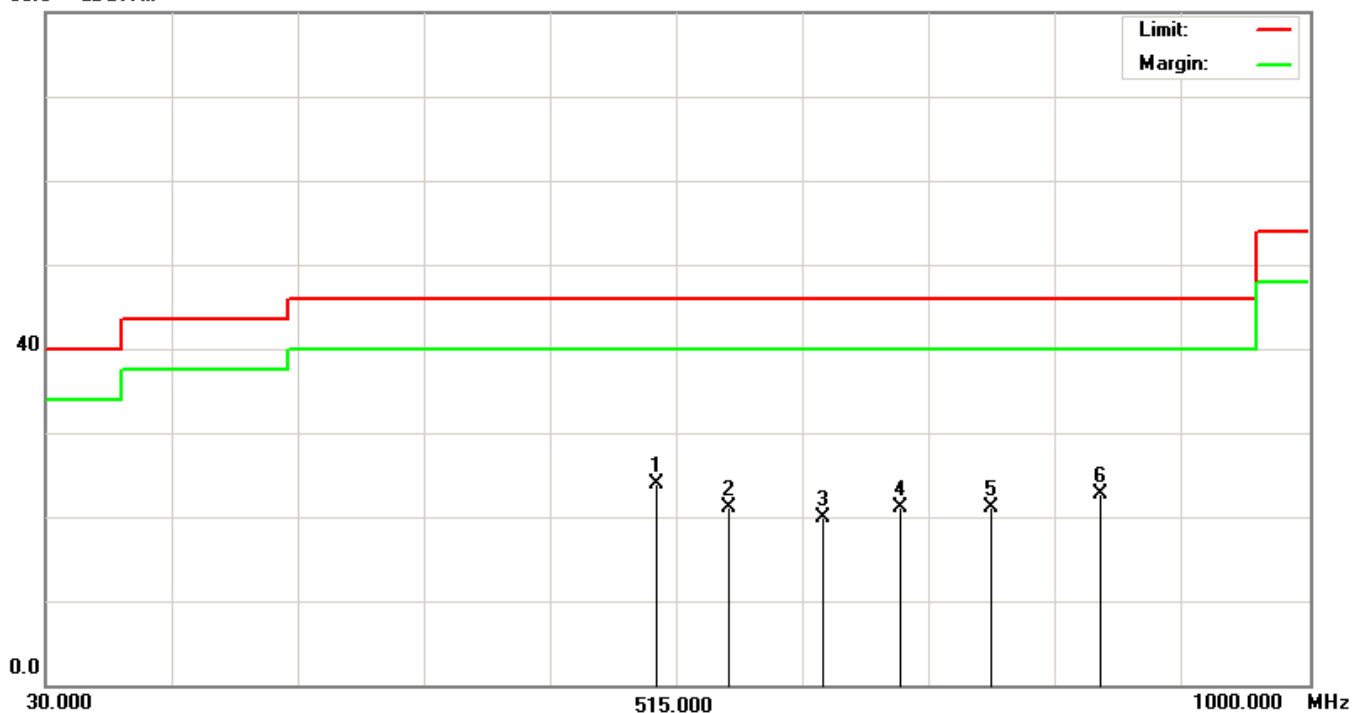
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	★499.4800	35.42	-11.42	24.00	46.00	-22.00	QP
2	555.7400	31.38	-10.37	21.01	46.00	-24.99	QP
3	627.5200	29.10	-9.26	19.84	46.00	-26.16	QP
4	687.6600	29.73	-8.63	21.10	46.00	-24.90	QP
5	757.5000	28.83	-7.66	21.17	46.00	-24.83	QP
6	840.9200	29.34	-6.54	22.80	46.00	-23.20	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 4.61 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

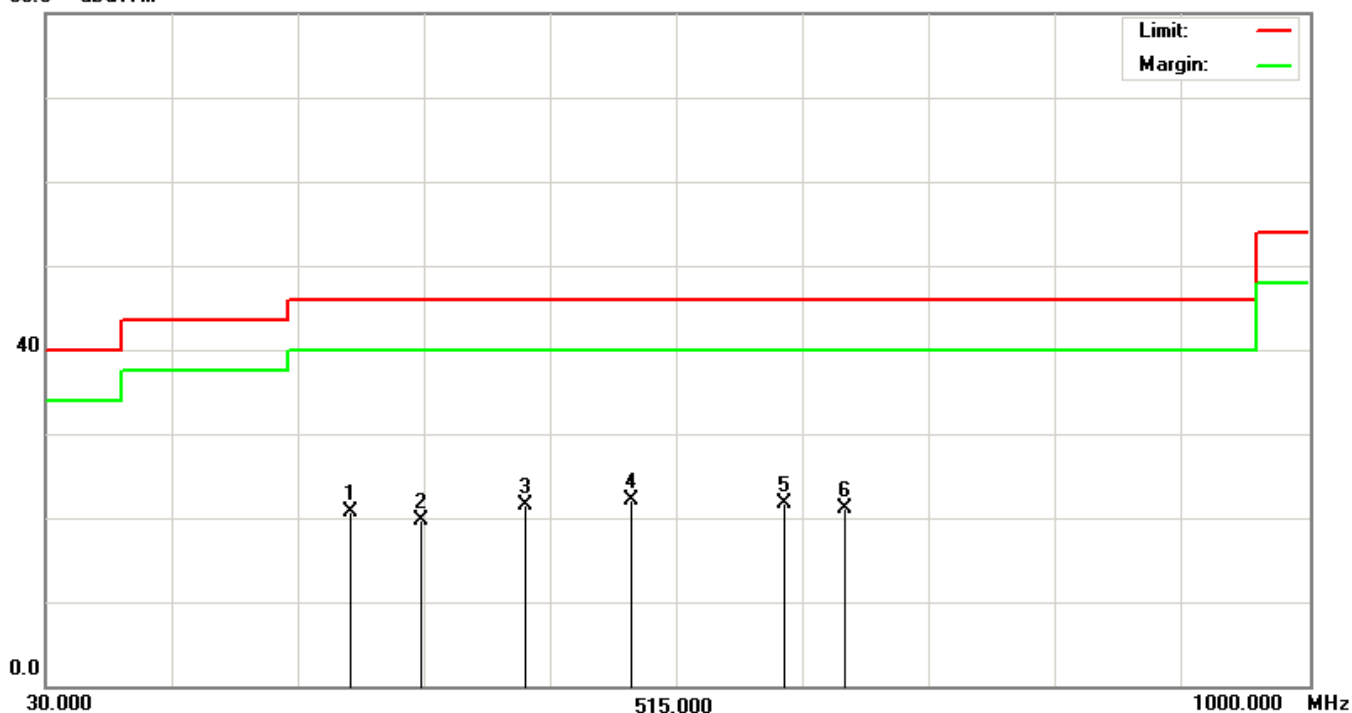
Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	264.7400	37.70	-16.94	20.76	46.00	-25.24	QP
2	319.0600	34.92	-15.27	19.65	46.00	-26.35	QP
3	398.6000	35.02	-13.54	21.48	46.00	-24.52	QP
4	★480.0800	33.94	-11.83	22.11	46.00	-23.89	QP
5	598.4200	31.38	-9.58	21.80	46.00	-24.20	QP
6	644.9800	30.21	-9.08	21.13	46.00	-24.87	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “★” means that this data is the worse case measurement level.
6. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
7. The measurement uncertainty is 3.93 dB.

80.0 dBμV/m



- Remark:
1. The Limit (The red line of the graph indicates the quasi -peak measurements).
 2. The Margin (The green line of the graph indicates the 6dB margin).

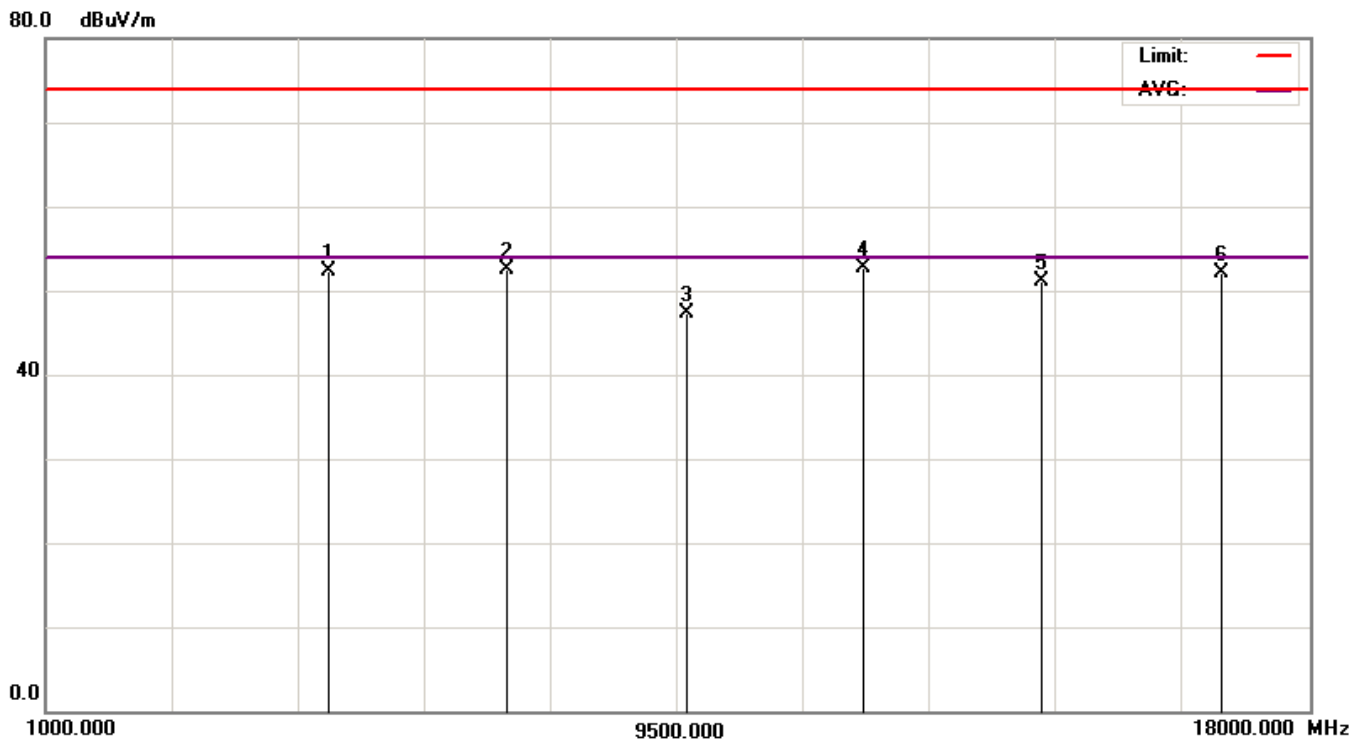
Date of Test	July 30, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4804.0000	43.17	9.12	52.29	74.00	-21.71	peak
2	7206.0000	38.09	14.38	52.47	74.00	-21.53	peak
3	9608.0000	36.25	10.98	47.23	74.00	-26.77	peak
4	12010.0000	37.09	15.70	52.79	74.00	-21.21	peak
5	14412.0000	40.73	10.39	51.12	74.00	-22.88	peak
6	16814.0000	38.52	13.64	52.16	74.00	-21.84	peak
7	19216.0000	49.70	-18.50	31.20	74.00	-42.80	peak
8	21618.0000	45.44	-18.50	26.94	74.00	-47.06	peak
9	24020.0000	46.73	-18.50	28.23	74.00	-45.77	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

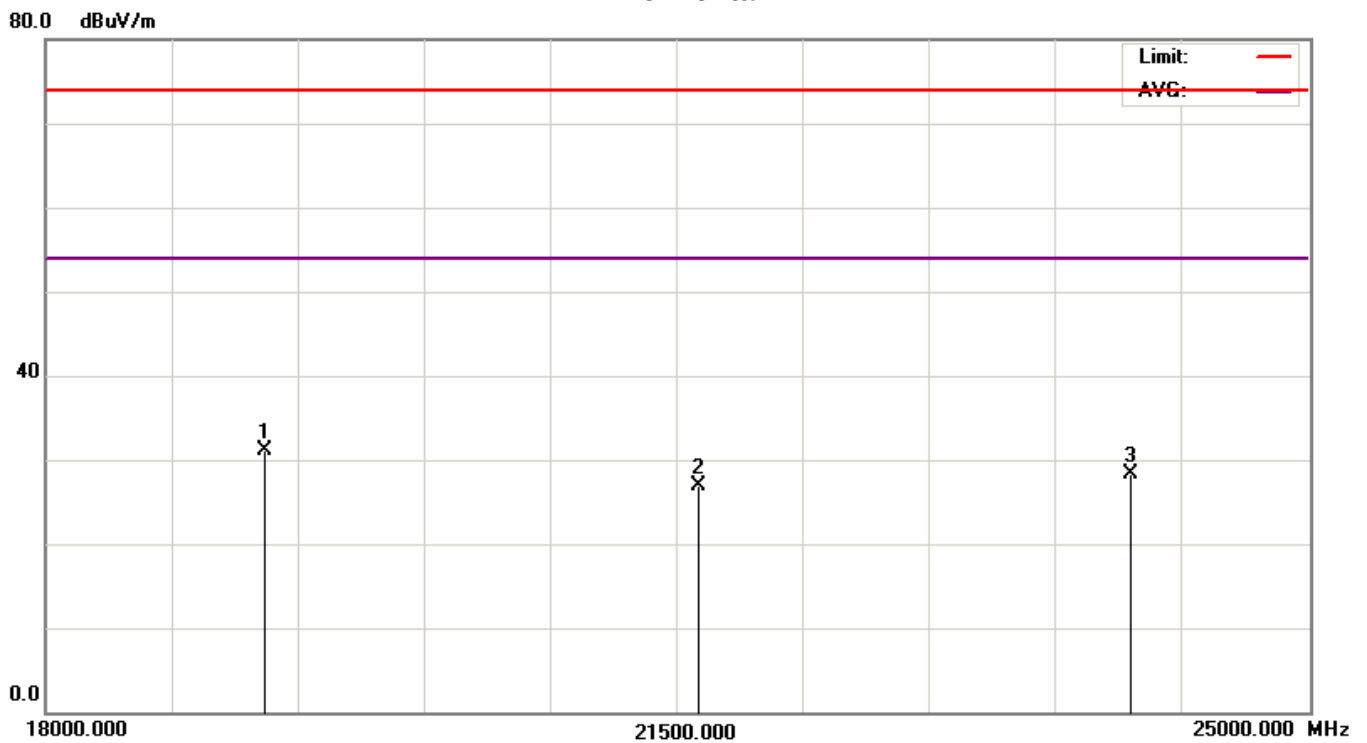
Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

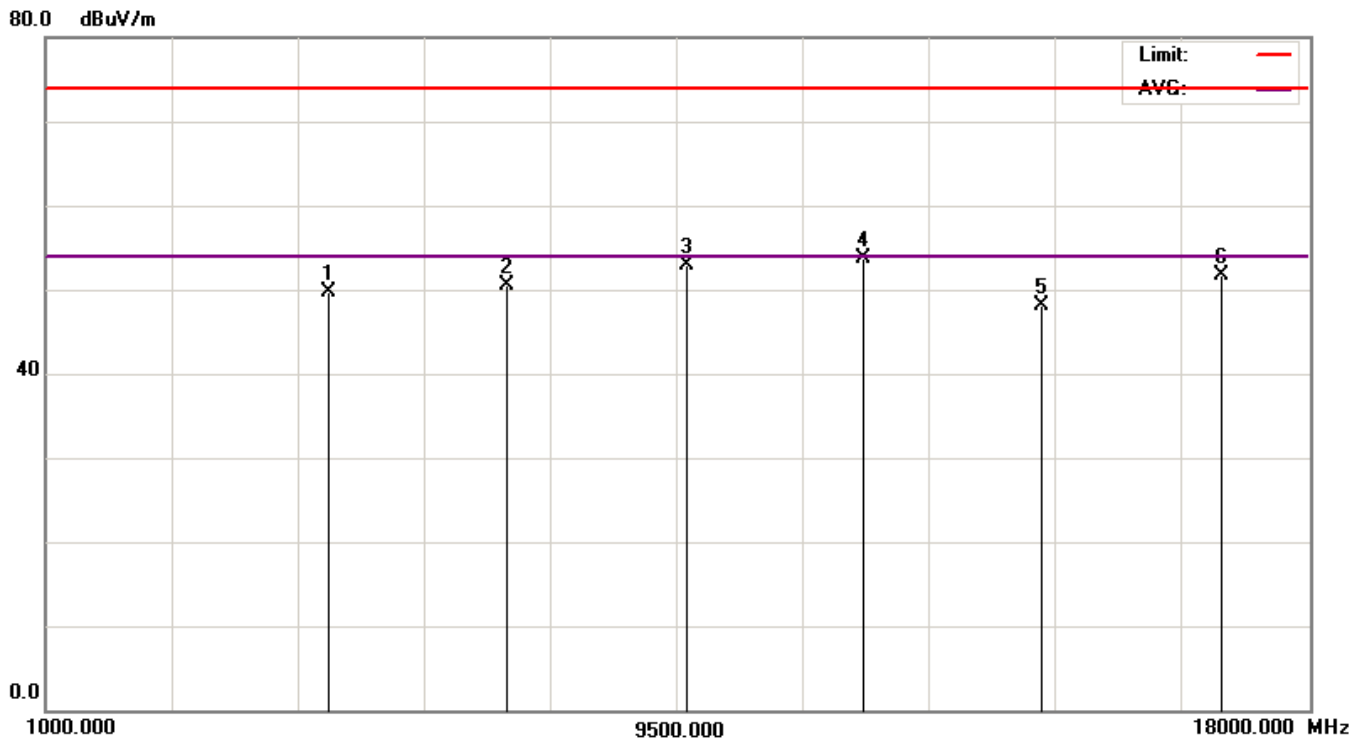
Date of Test	July 30, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	4804.0000	40.24	9.42	49.66	74.00	-24.34	peak
2	7206.0000	36.27	14.27	50.54	74.00	-23.46	peak
3	9608.0000	39.87	13.12	52.99	74.00	-21.01	peak
4	12010.0000	36.25	17.37	53.62	74.00	-20.38	peak
5	14412.0000	38.42	9.66	48.08	74.00	-25.92	peak
6	16814.0000	37.22	14.56	51.78	74.00	-22.22	peak
7	19216.0000	43.59	-17.50	26.09	74.00	-47.91	peak
8	21618.0000	46.40	-17.50	28.90	74.00	-45.10	peak
9	24020.0000	45.12	-17.50	27.62	74.00	-46.38	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

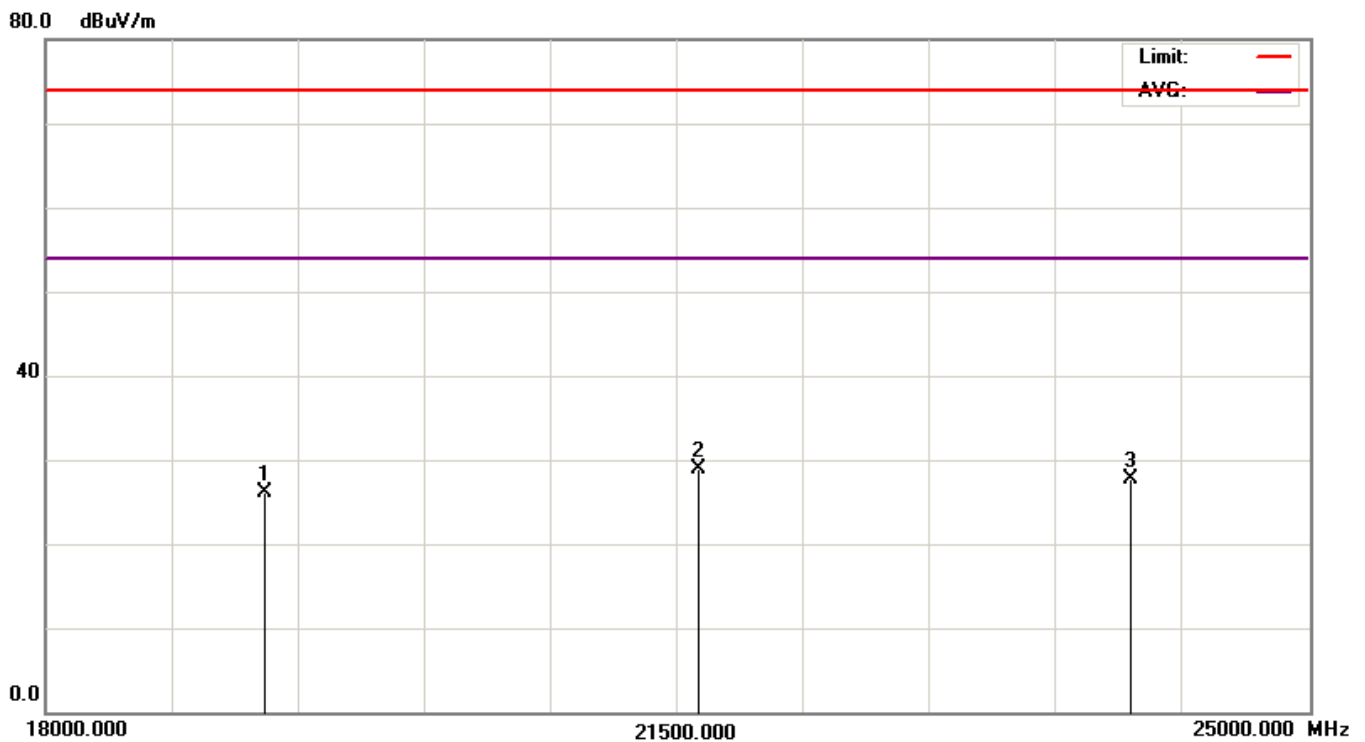
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

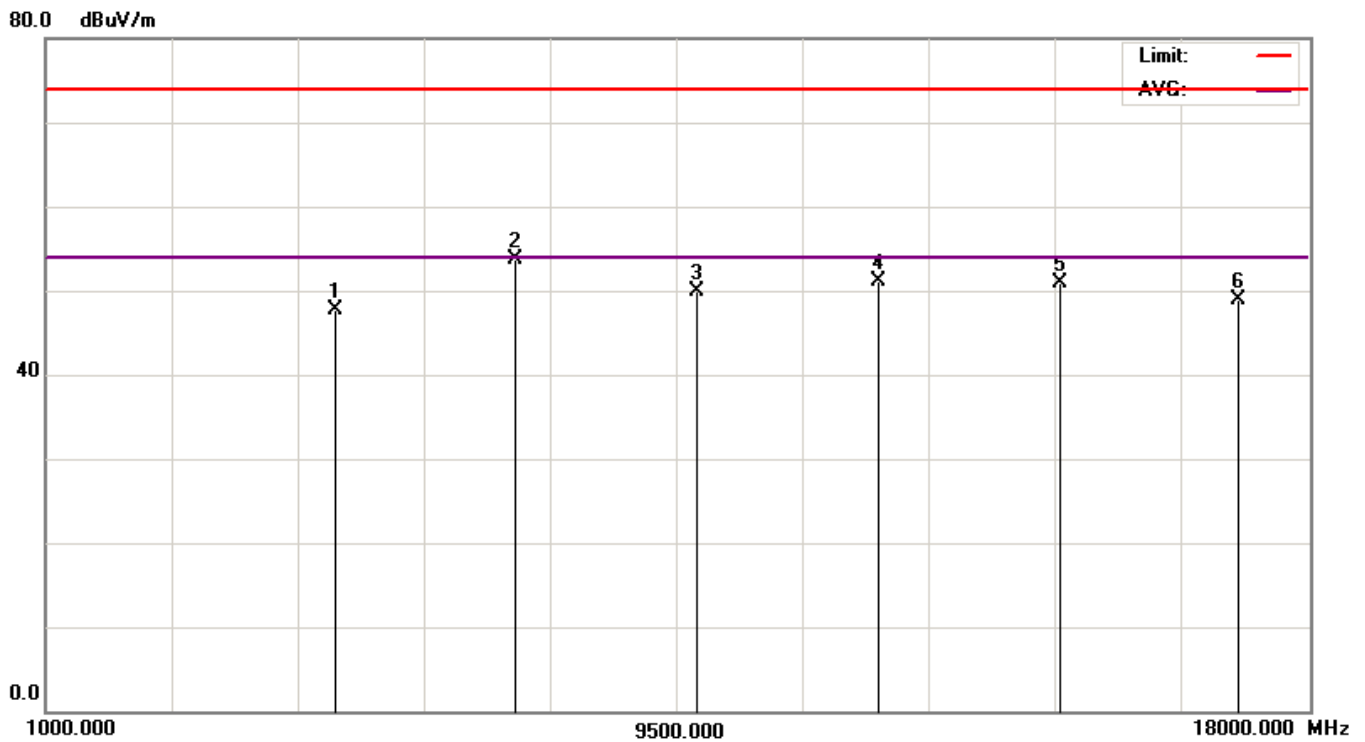
Date of Test	July 30, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2440Hz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4880.0000	38.21	9.46	47.67	74.00	-26.33	peak
2	7320.0000	38.95	14.74	53.69	74.00	-20.31	peak
3	9760.0000	38.57	11.24	49.81	74.00	-24.19	peak
4	12200.0000	35.04	16.10	51.14	74.00	-22.86	peak
5	14640.0000	39.31	11.61	50.92	74.00	-23.08	peak
6	17080.0000	34.69	14.24	48.93	74.00	-25.07	peak
7	19520.0000	42.97	-18.50	24.47	74.00	-49.53	peak
8	21960.0000	44.66	-18.50	26.16	74.00	-47.84	peak
9	24400.0000	46.75	-18.50	28.25	74.00	-45.75	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

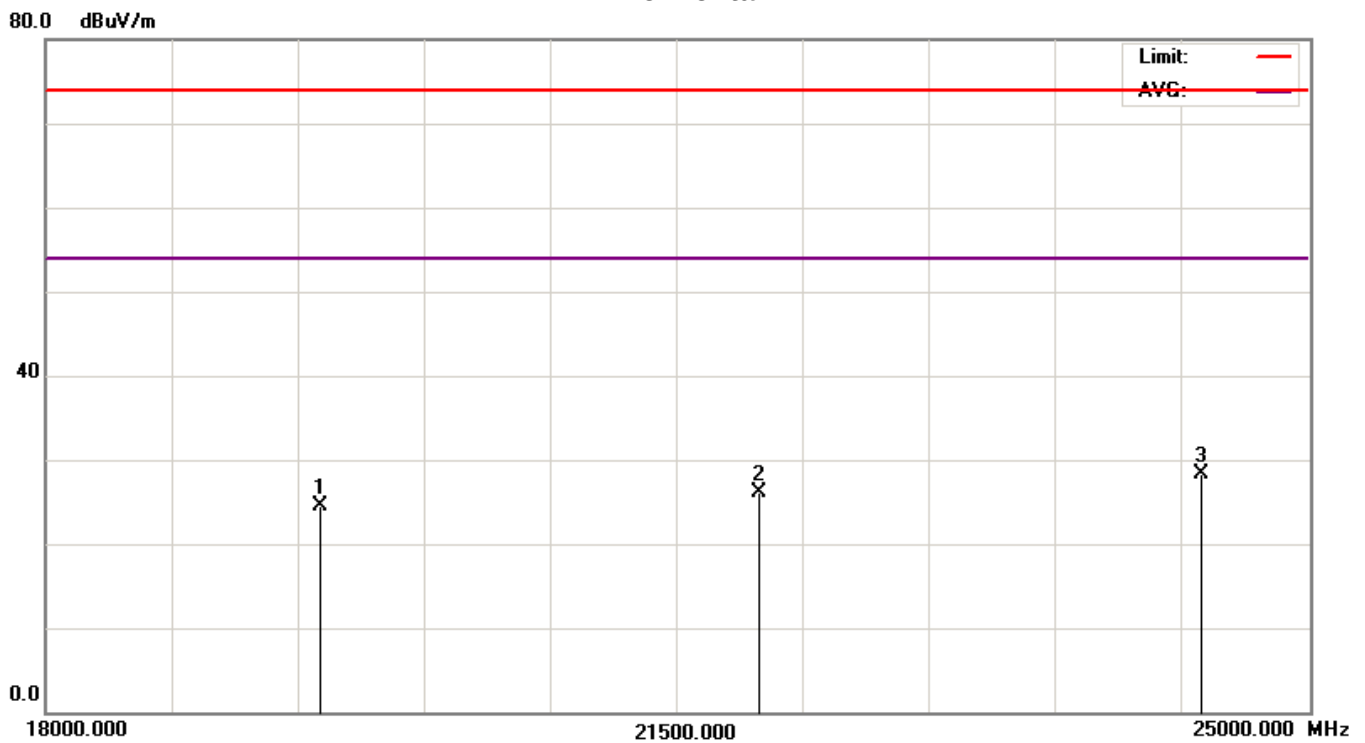
Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

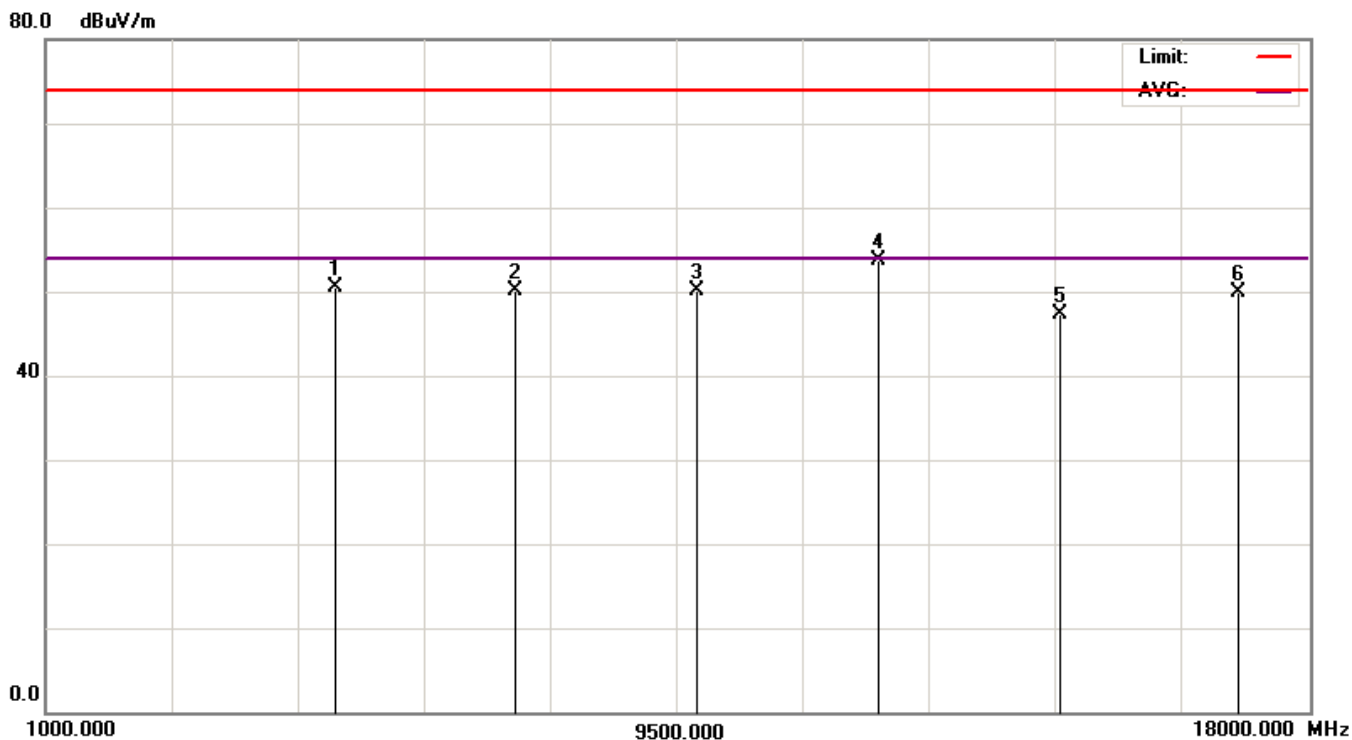
Date of Test	July 30, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2440z

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4880.0000	40.26	10.28	50.54	74.00	-23.46	peak
2	7320.0000	35.52	14.51	50.03	74.00	-23.97	peak
3	9760.0000	36.69	13.37	50.06	74.00	-23.94	peak
4	12200.0000	35.91	17.83	53.74	74.00	-20.26	peak
5	14640.0000	37.22	10.03	47.25	74.00	-26.75	peak
6	17080.0000	34.80	15.07	49.87	74.00	-24.13	peak
7	19520.0000	44.01	-17.50	26.51	74.00	-47.49	peak
8	21960.0000	42.73	-17.50	25.23	74.00	-48.77	peak
9	24400.0000	43.90	-17.50	26.40	74.00	-47.60	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

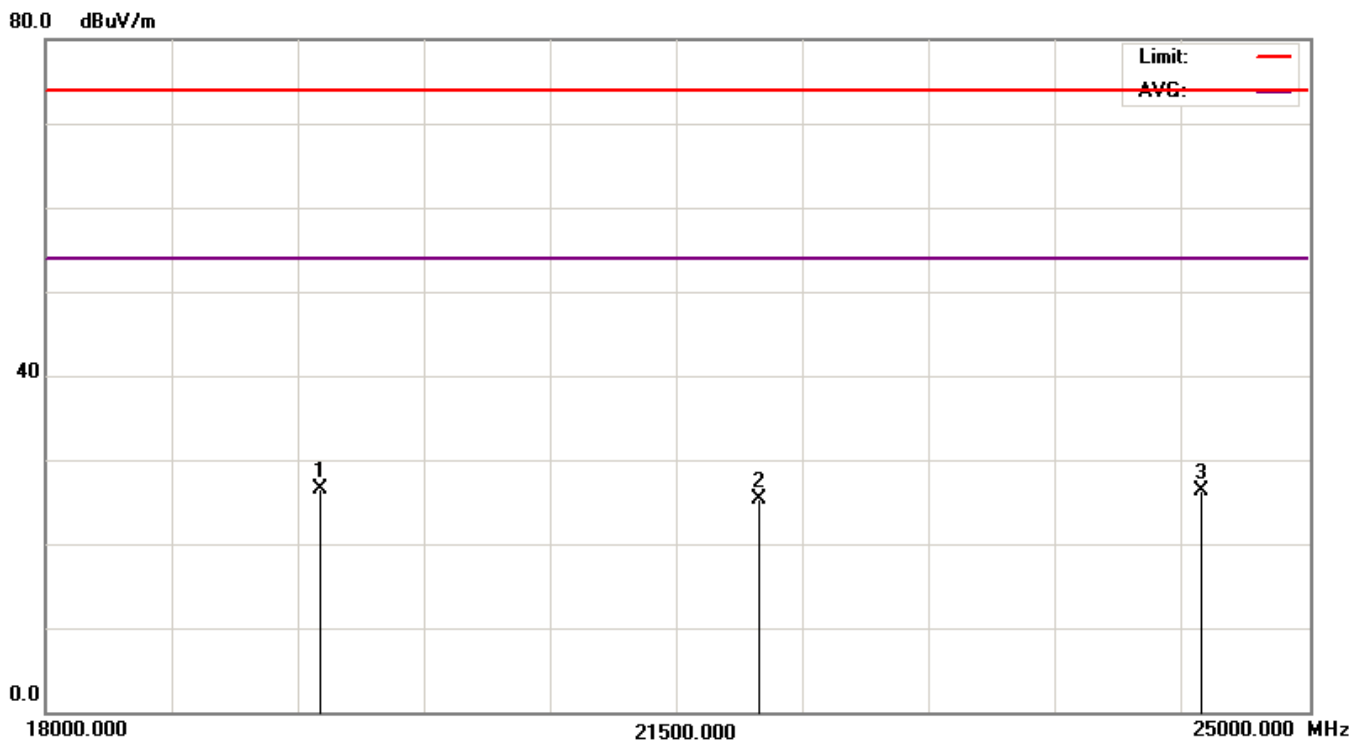
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Date of Test	July 30, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480Hz

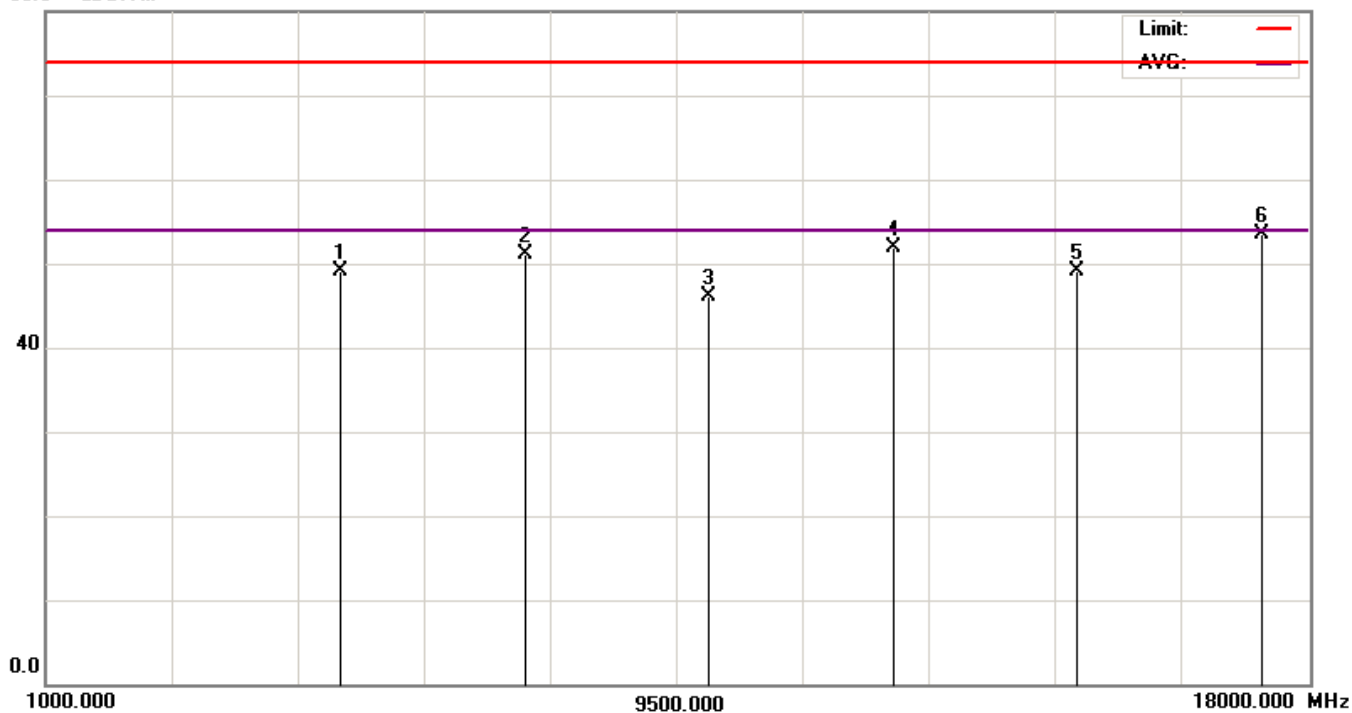
No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4960.0000	38.78	10.26	49.04	74.00	-24.96	peak
2	7440.0000	36.72	14.40	51.12	74.00	-22.88	peak
3	9920.0000	37.50	8.67	46.17	74.00	-27.83	peak
4	12400.0000	39.47	12.45	51.92	74.00	-22.08	peak
5	14880.0000	36.54	12.52	49.06	74.00	-24.94	peak
6	17360.0000	37.62	15.80	53.42	74.00	-20.58	peak
7	19840.0000	45.38	-18.50	26.88	74.00	-47.12	peak
8	22320.0000	44.23	-18.50	25.73	74.00	-48.27	peak
9	24800.0000	46.61	-18.50	28.11	74.00	-45.89	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

Horizontal

80.0 dBuV/m

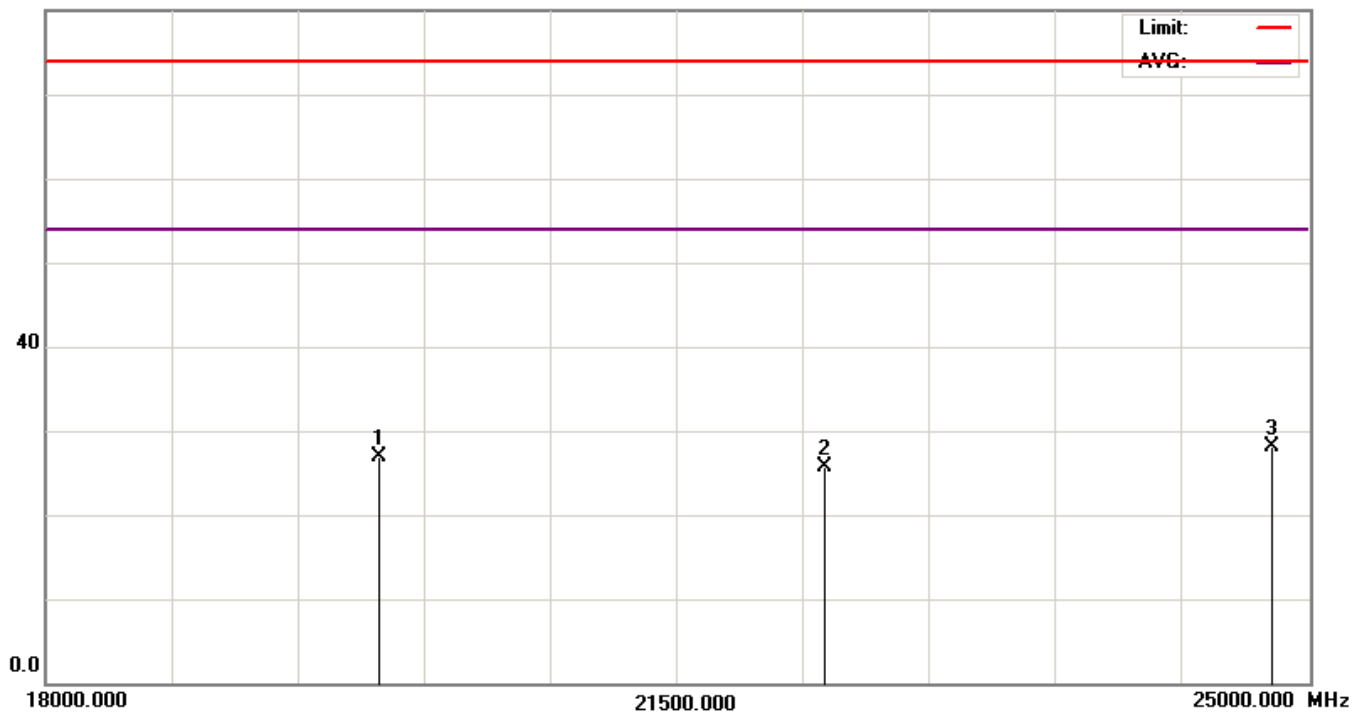


Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal

80.0 dBuV/m



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

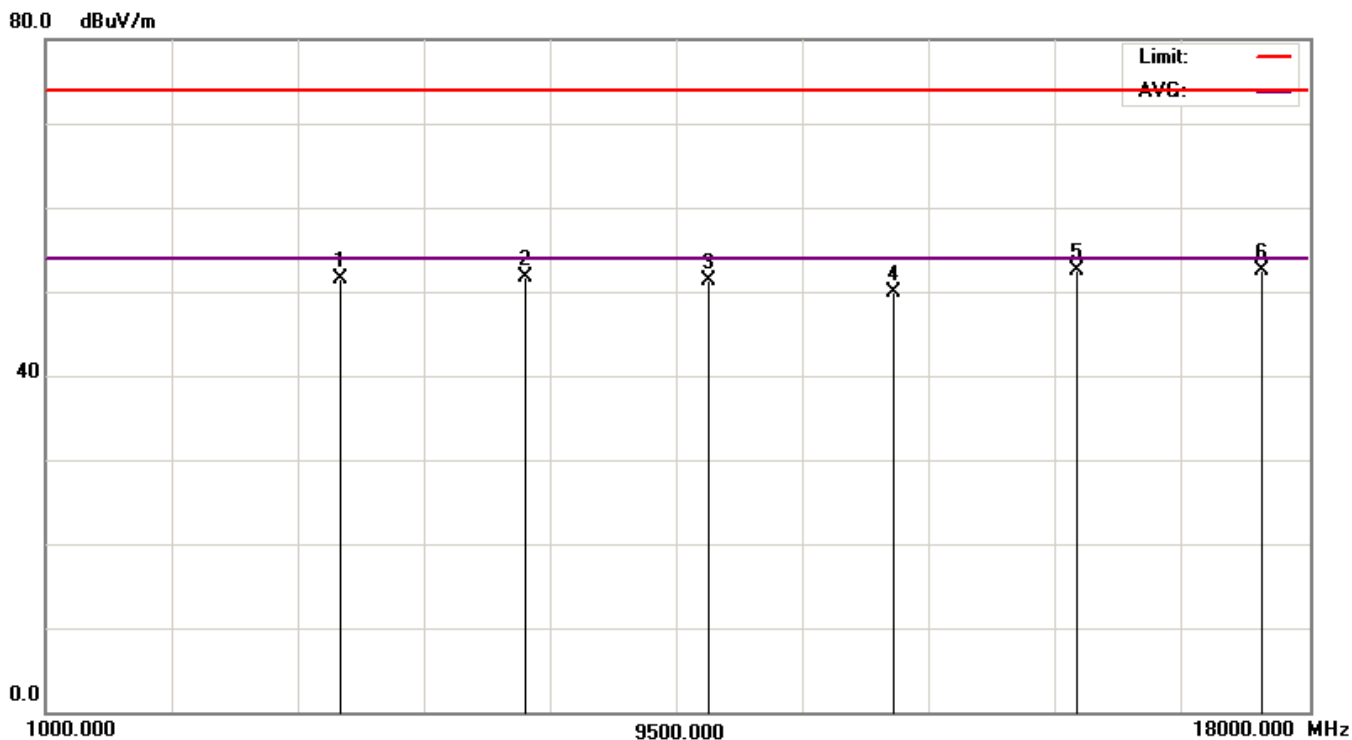
Date of Test	July 30, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4960.0000	39.58	11.92	51.50	74.00	-22.50	peak
2	7440.0000	37.60	14.07	51.67	74.00	-22.33	peak
3	9920.0000	38.42	12.91	51.33	74.00	-22.67	peak
4	12400.0000	36.54	13.39	49.93	74.00	-24.07	peak
5	14880.0000	40.83	11.77	52.60	74.00	-21.40	peak
6	17360.0000	35.17	17.25	52.42	74.00	-21.58	peak
7	19840.0000	44.70	-17.50	27.20	74.00	-46.80	peak
8	22320.0000	46.22	-17.50	28.72	74.00	-45.28	peak
9	24800.0000	45.88	-17.50	28.38	74.00	-45.62	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

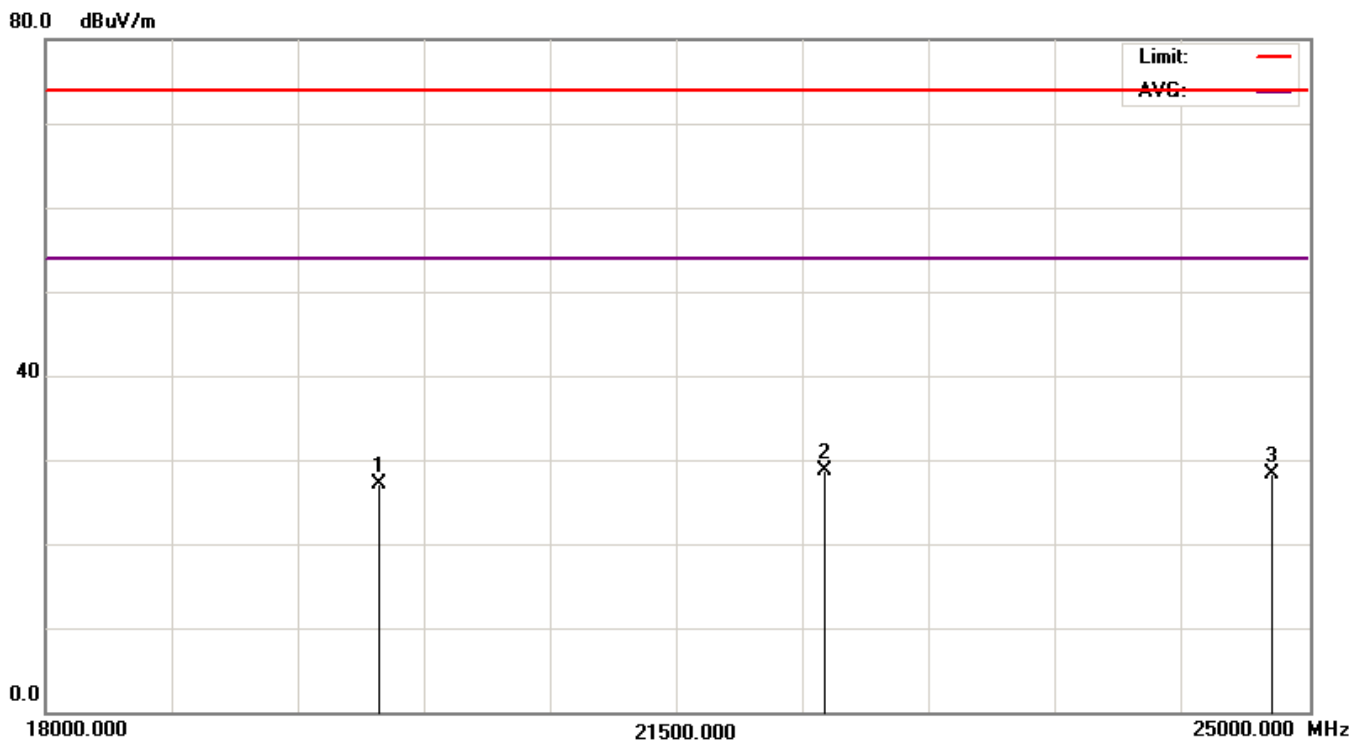
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

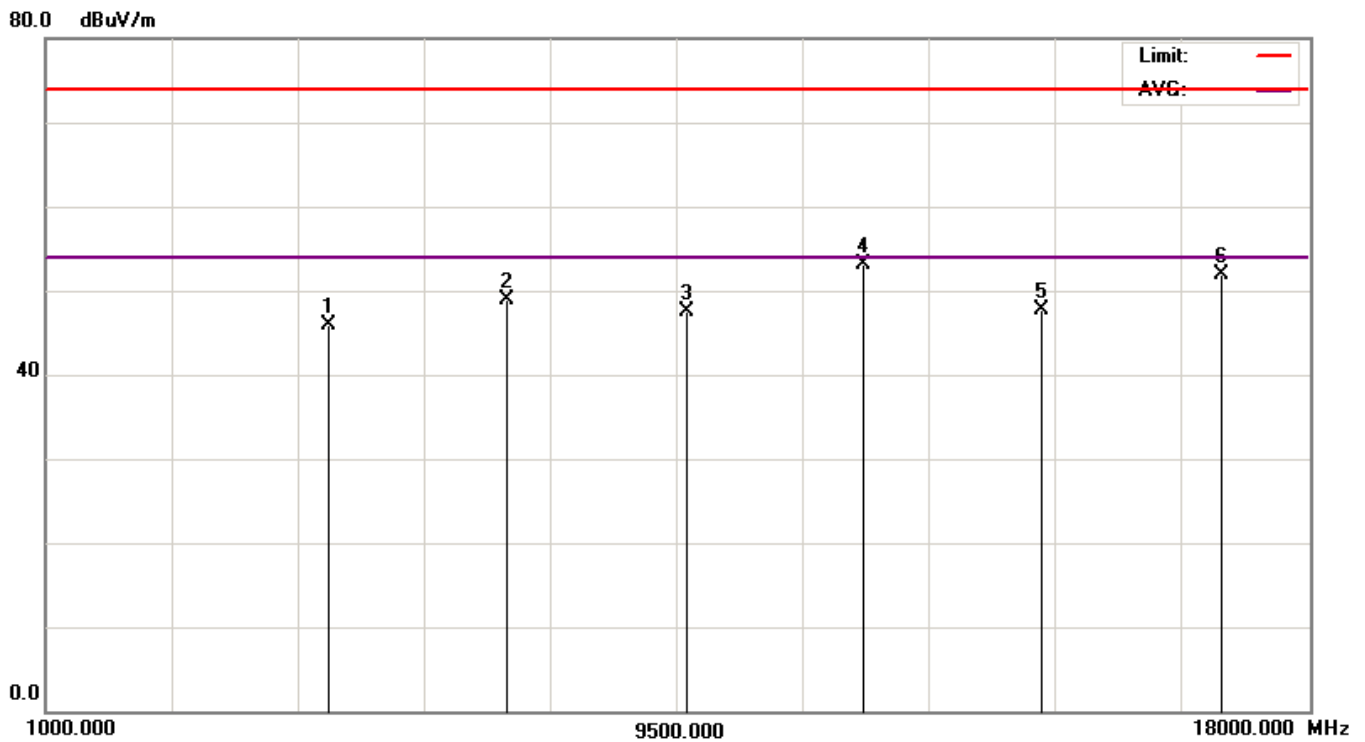
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - π /4 PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4804.0000	36.71	9.12	45.83	74.00	-28.17	peak
2	7206.0000	34.59	14.38	48.97	74.00	-25.03	peak
3	9608.0000	36.52	10.98	47.50	74.00	-26.50	peak
4	12010.0000	37.43	15.70	53.13	74.00	-20.87	peak
5	14412.0000	37.26	10.39	47.65	74.00	-26.35	peak
6	16814.0000	38.35	13.64	51.99	74.00	-22.01	peak
7	19216.0000	42.63	-18.50	24.13	74.00	-49.87	peak
8	21618.0000	45.10	-18.50	26.60	74.00	-47.40	peak
9	24020.0000	42.08	-18.50	23.58	74.00	-50.42	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

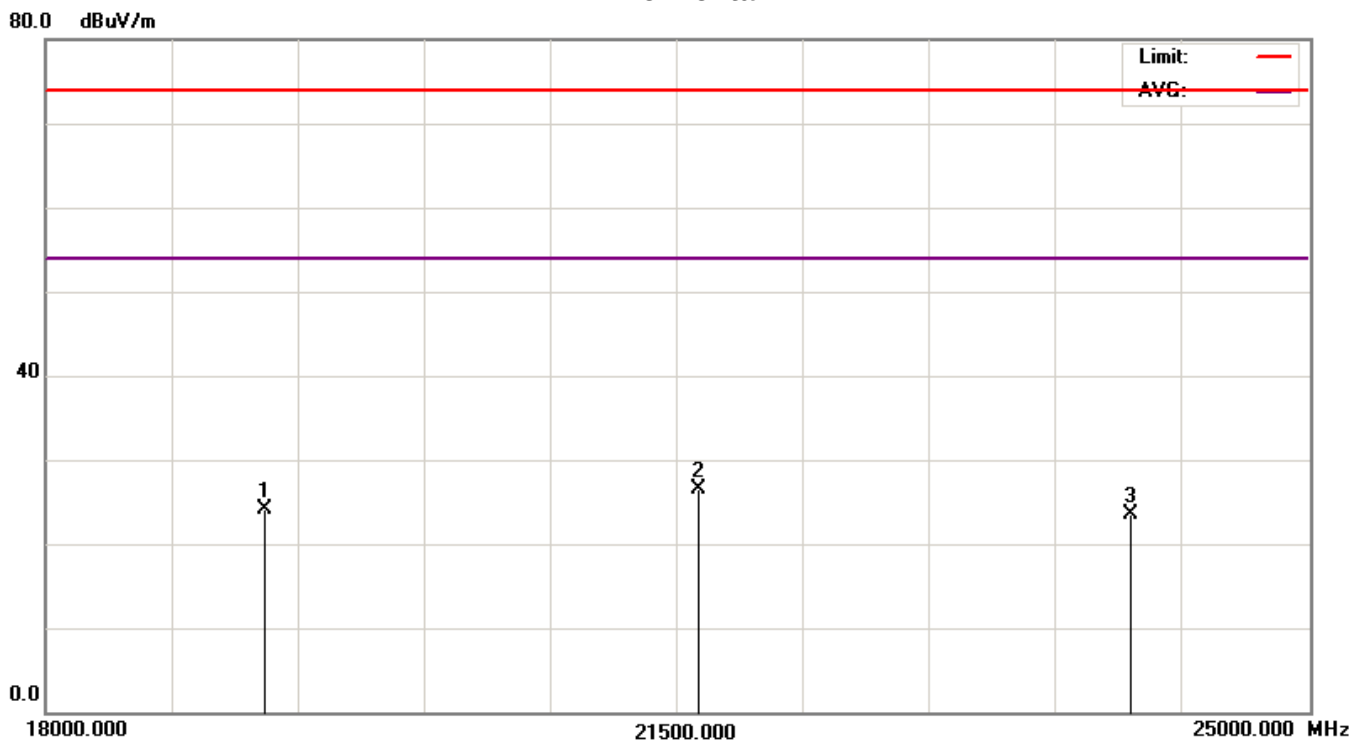
Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

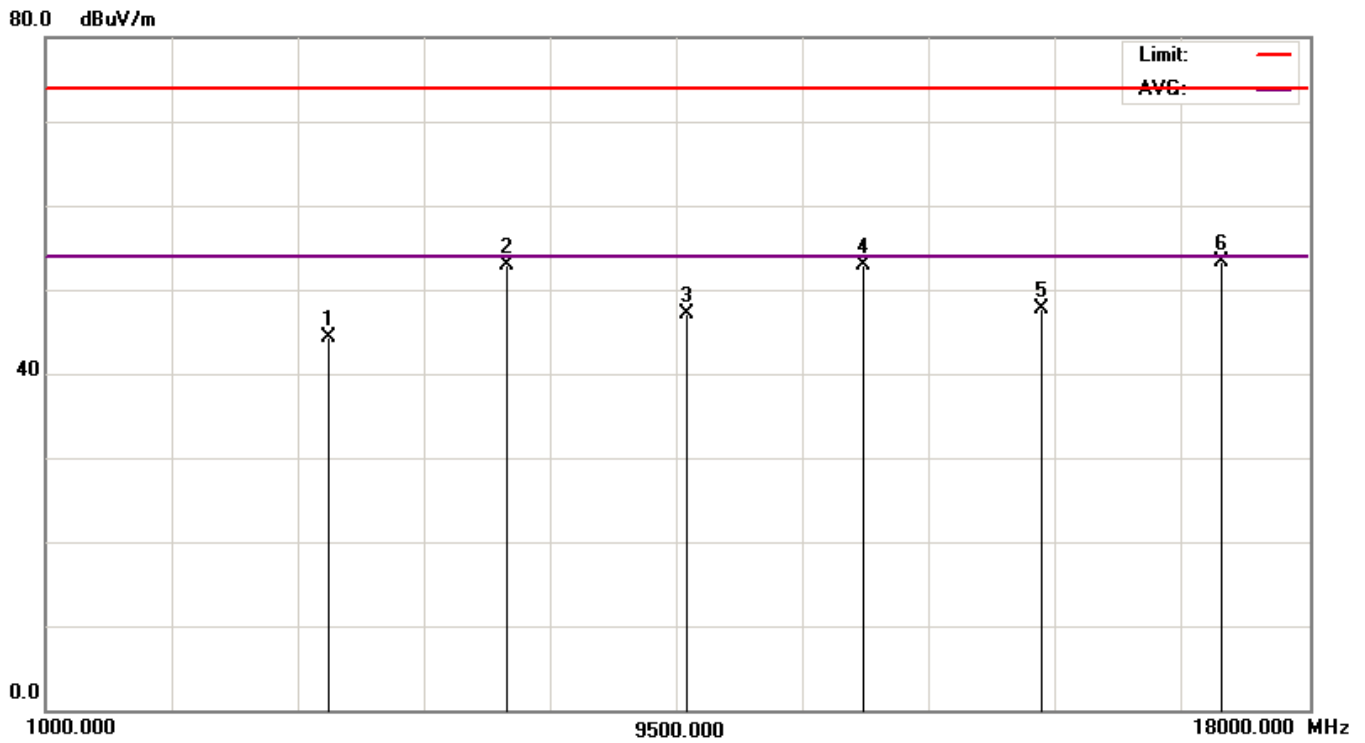
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4804.0000	34.90	9.42	44.32	74.00	-29.68	peak
2	7206.0000	38.61	14.27	52.88	74.00	-21.12	peak
3	9608.0000	34.03	13.12	47.15	74.00	-26.85	peak
4	12010.0000	35.56	17.37	52.93	74.00	-21.07	peak
5	14412.0000	38.14	9.66	47.80	74.00	-26.20	peak
6	16814.0000	38.76	14.56	53.32	74.00	-20.68	peak
7	19216.0000	44.81	-17.50	27.31	74.00	-46.69	peak
8	21618.0000	46.96	-17.50	29.46	74.00	-44.54	peak
9	24020.0000	45.08	-17.50	27.58	74.00	-46.42	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

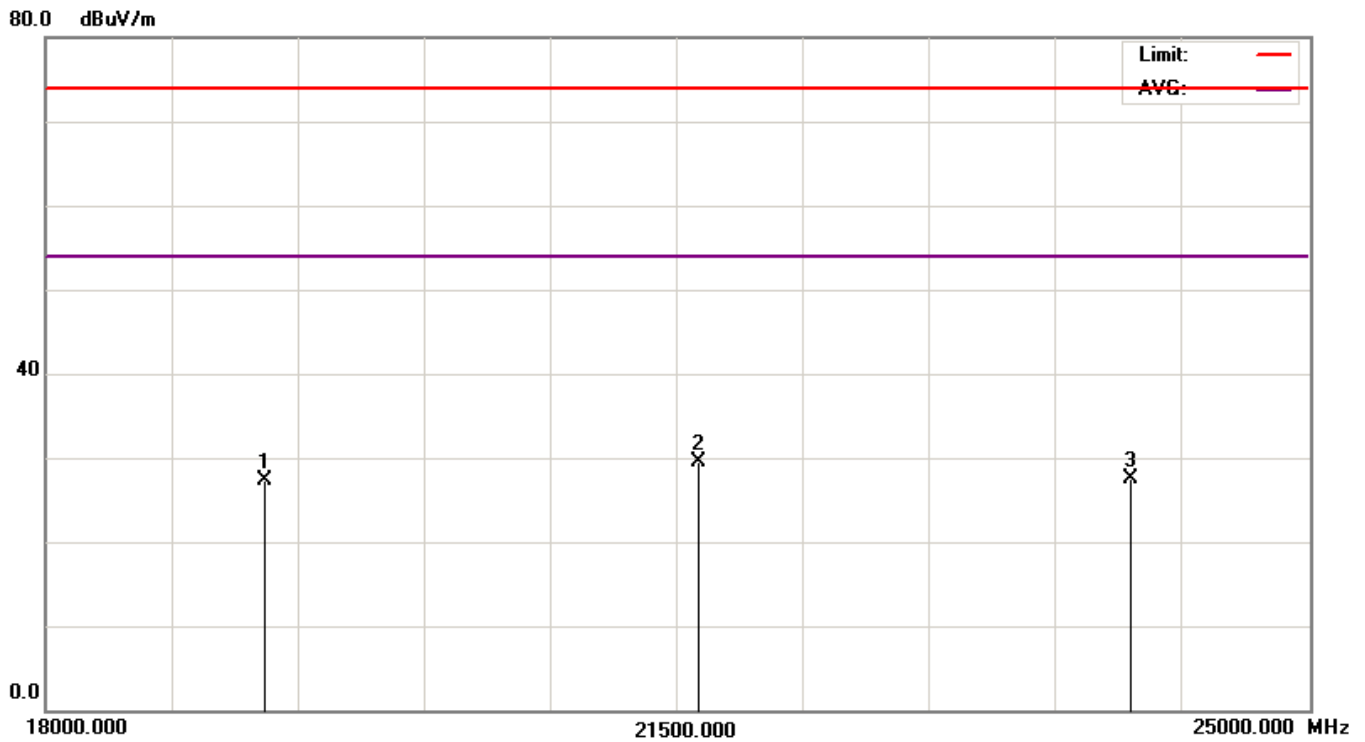
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - π /4 PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2440 MHz

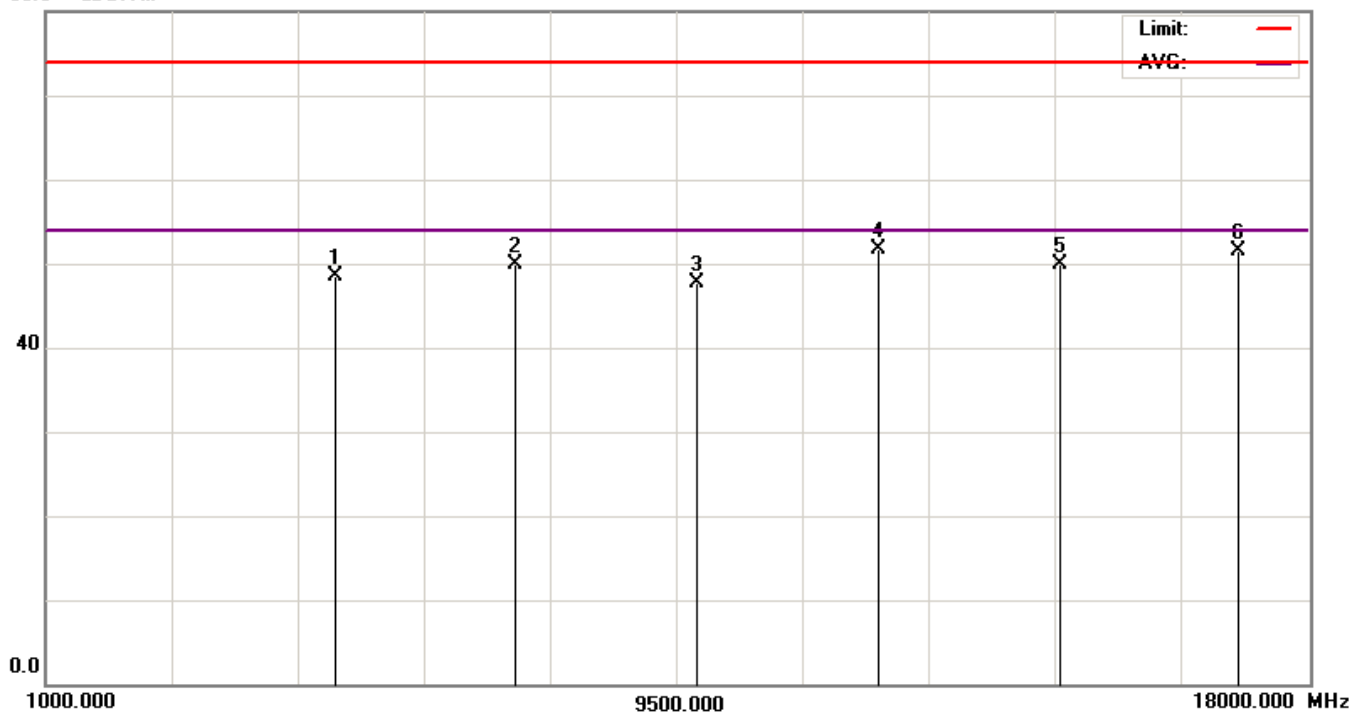
No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4880.0000	39.05	9.46	48.51	74.00	-25.49	peak
2	7320.0000	35.18	14.74	49.92	74.00	-24.08	peak
3	9760.0000	36.40	11.24	47.64	74.00	-26.36	peak
4	12200.0000	35.59	16.10	51.69	74.00	-22.31	peak
5	14640.0000	38.34	11.61	49.95	74.00	-24.05	peak
6	17080.0000	37.28	14.24	51.52	74.00	-22.48	peak
7	19520.0000	46.16	-18.50	27.66	74.00	-46.34	peak
8	21960.0000	43.42	-18.50	24.92	74.00	-49.08	peak
9	24400.0000	45.57	-18.50	27.07	74.00	-46.93	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

Horizontal

80.0 dBuV/m

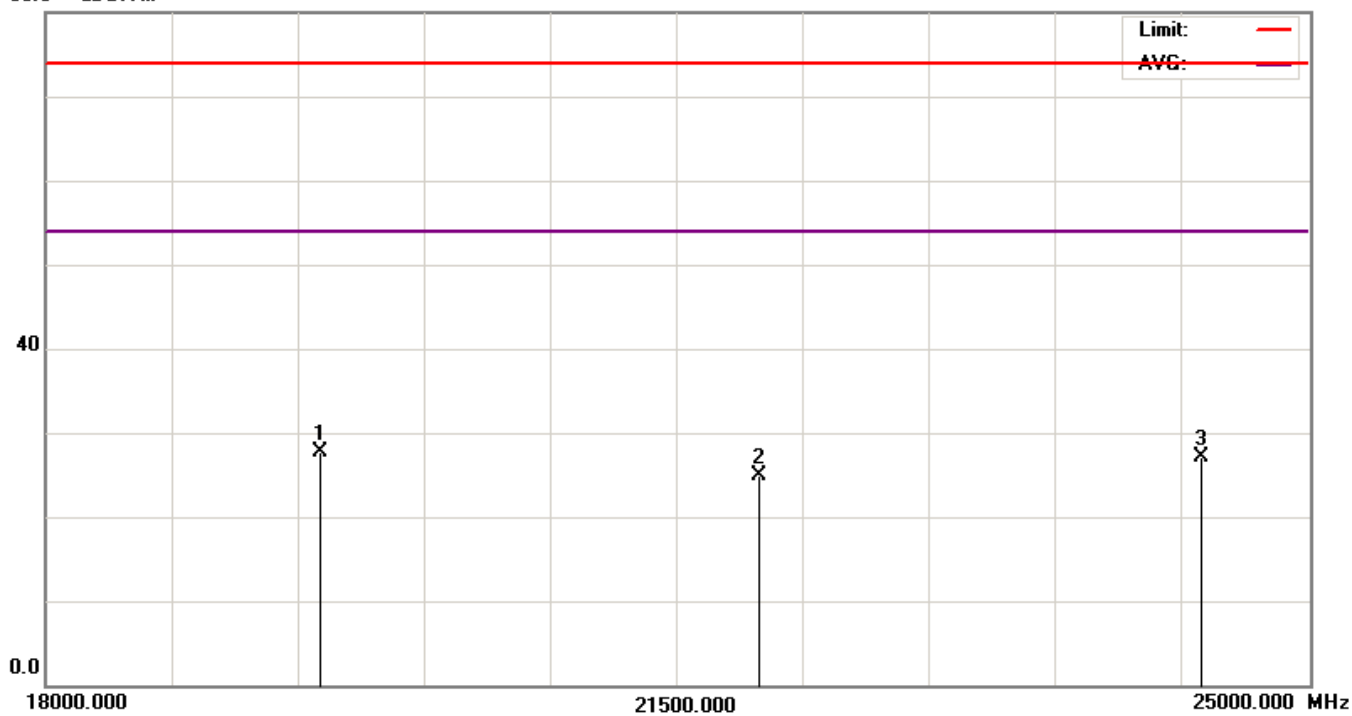


Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal

80.0 dBuV/m



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

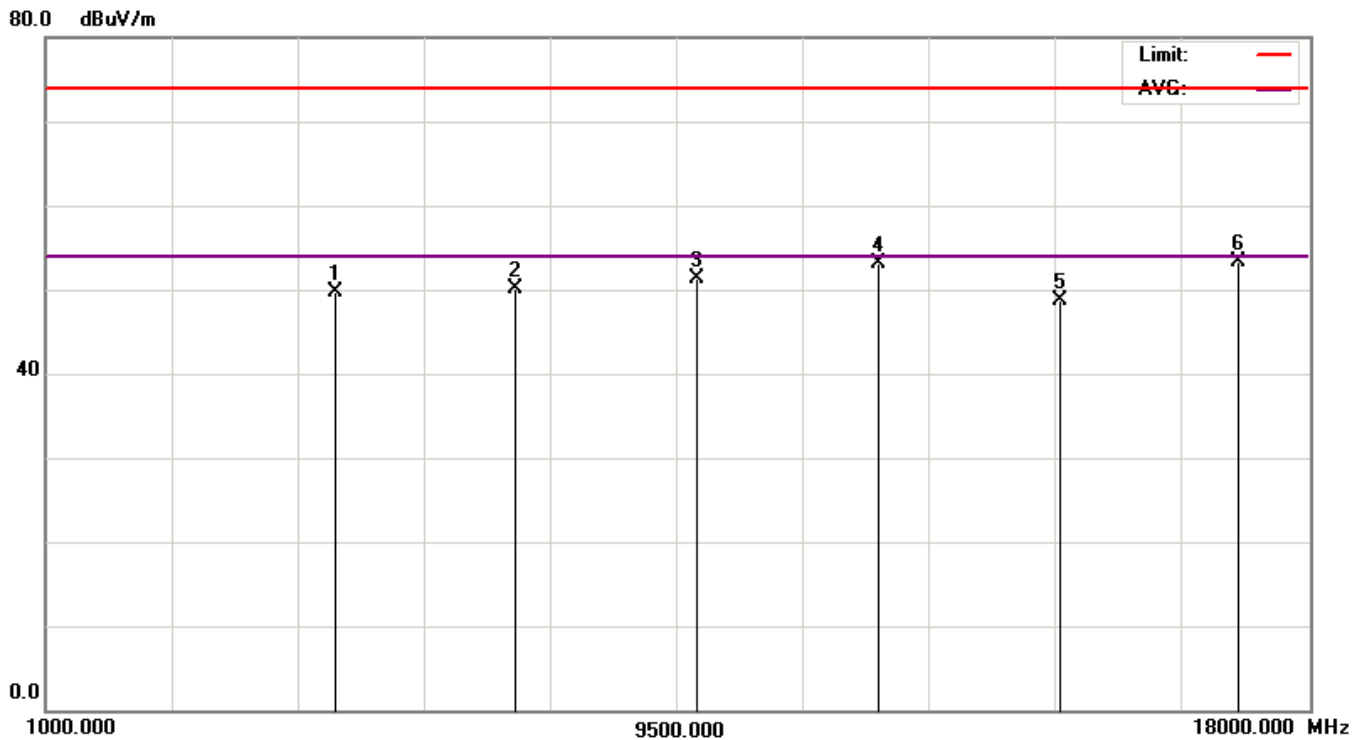
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2440MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4880.0000	39.38	10.28	49.66	74.00	-24.34	peak
2	7320.0000	35.52	14.51	50.03	74.00	-23.97	peak
3	9760.0000	37.99	13.37	51.36	74.00	-22.64	peak
4	12200.0000	35.23	17.83	53.06	74.00	-20.94	peak
5	14640.0000	38.63	10.03	48.66	74.00	-25.34	peak
6	17080.0000	38.15	15.07	53.22	74.00	-20.78	peak
7	19520.0000	43.34	-17.50	25.84	74.00	-48.16	peak
8	21960.0000	42.80	-17.50	25.30	74.00	-48.70	peak
9	24400.0000	45.39	-17.50	27.89	74.00	-46.11	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

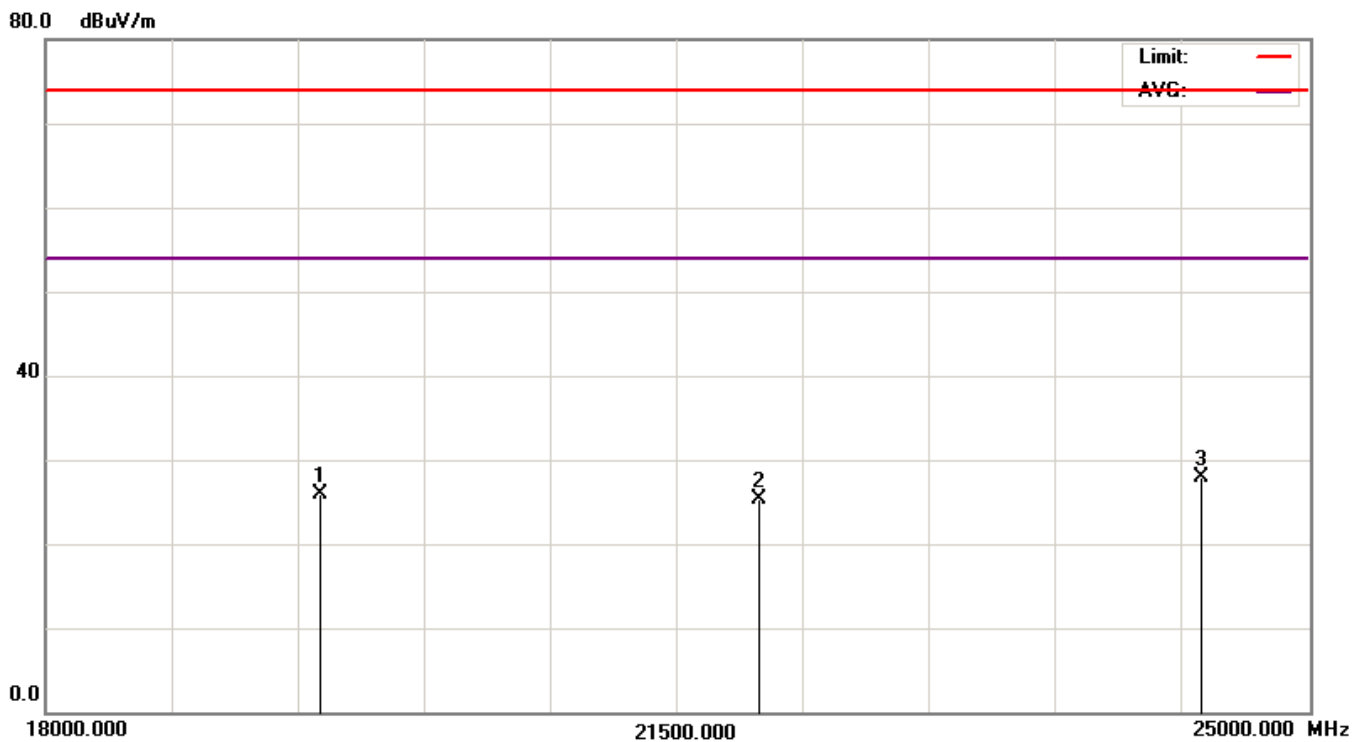
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

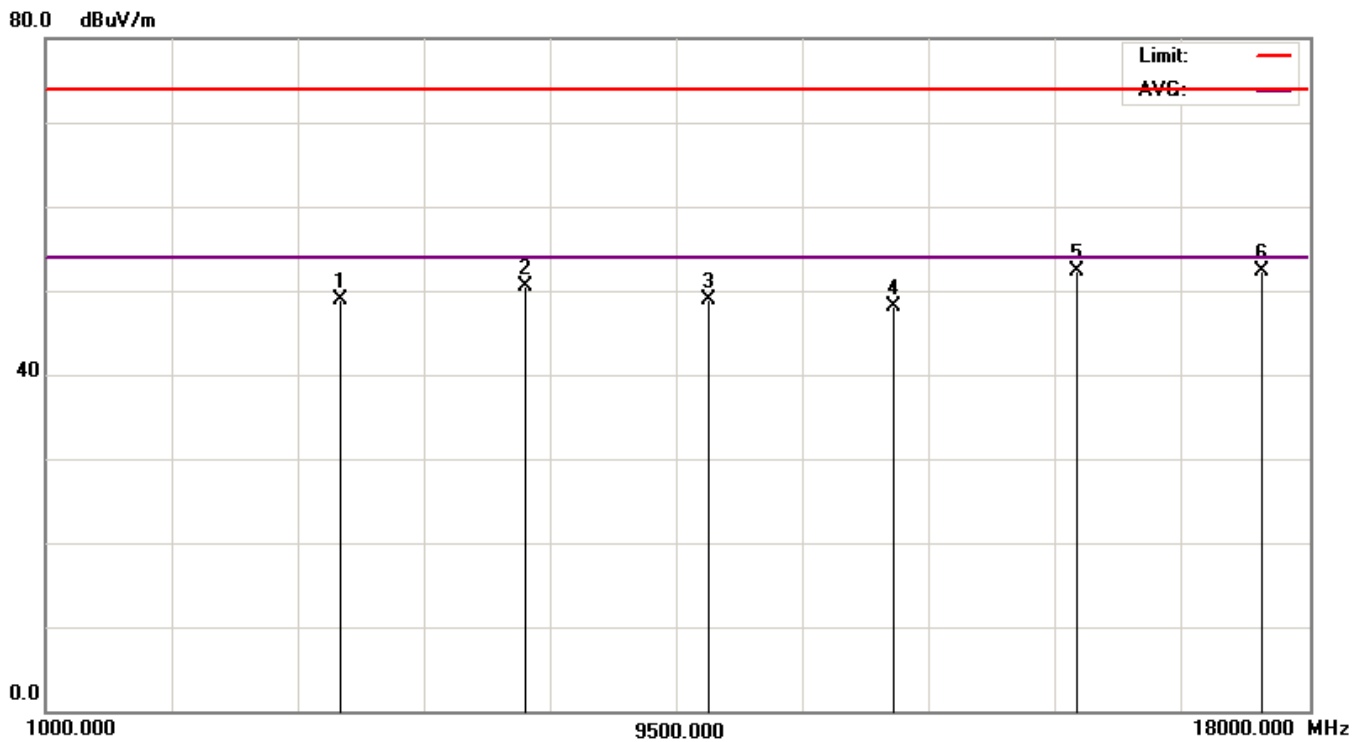
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - π /4 PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4960.0000	38.69	10.26	48.95	74.00	-25.05	peak
2	7440.0000	36.10	14.40	50.50	74.00	-23.50	peak
3	9920.0000	40.25	8.67	48.92	74.00	-25.08	peak
4	12400.0000	35.68	12.45	48.13	74.00	-25.87	peak
5	14880.0000	39.70	12.52	52.22	74.00	-21.78	peak
6	17360.0000	36.52	15.80	52.32	74.00	-21.68	peak
7	19840.0000	46.85	-18.50	28.35	74.00	-45.65	peak
8	22320.0000	43.34	-18.50	24.84	74.00	-49.16	peak
9	24800.0000	45.23	-18.50	26.73	74.00	-47.27	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

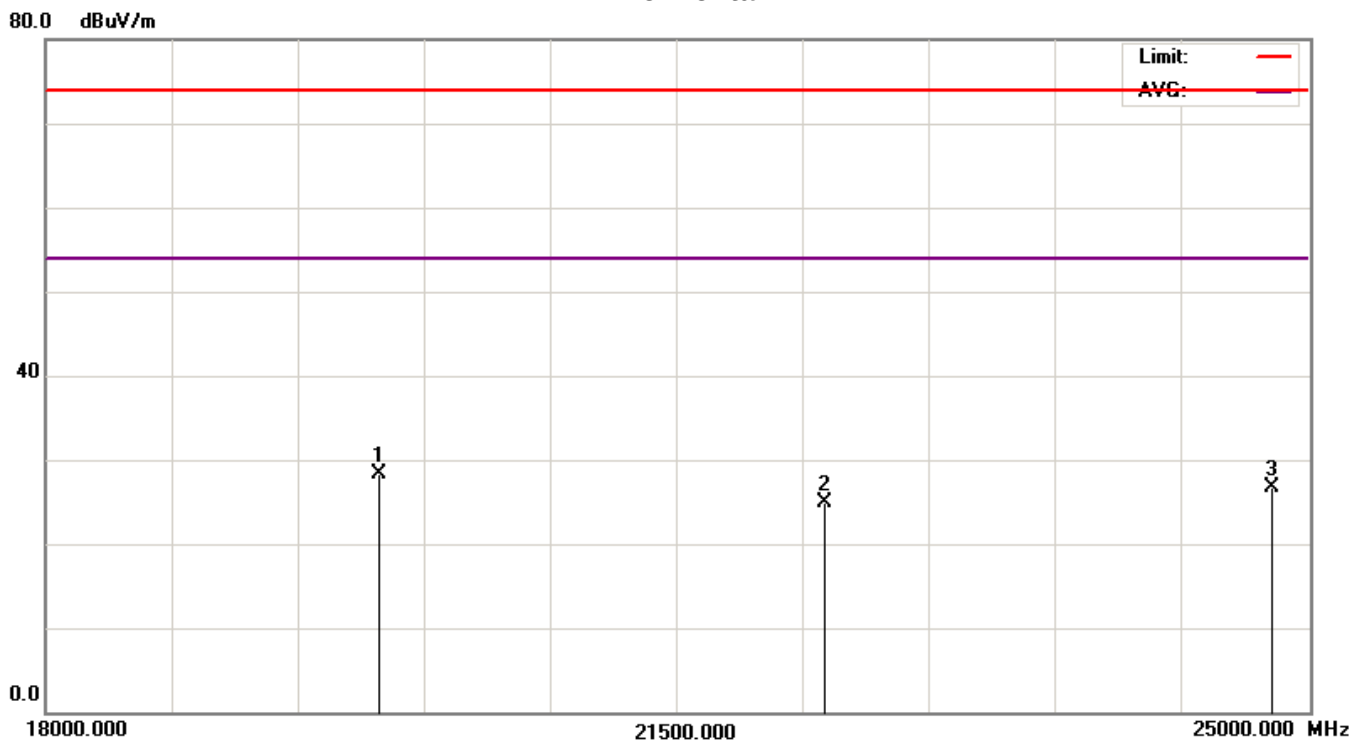
Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

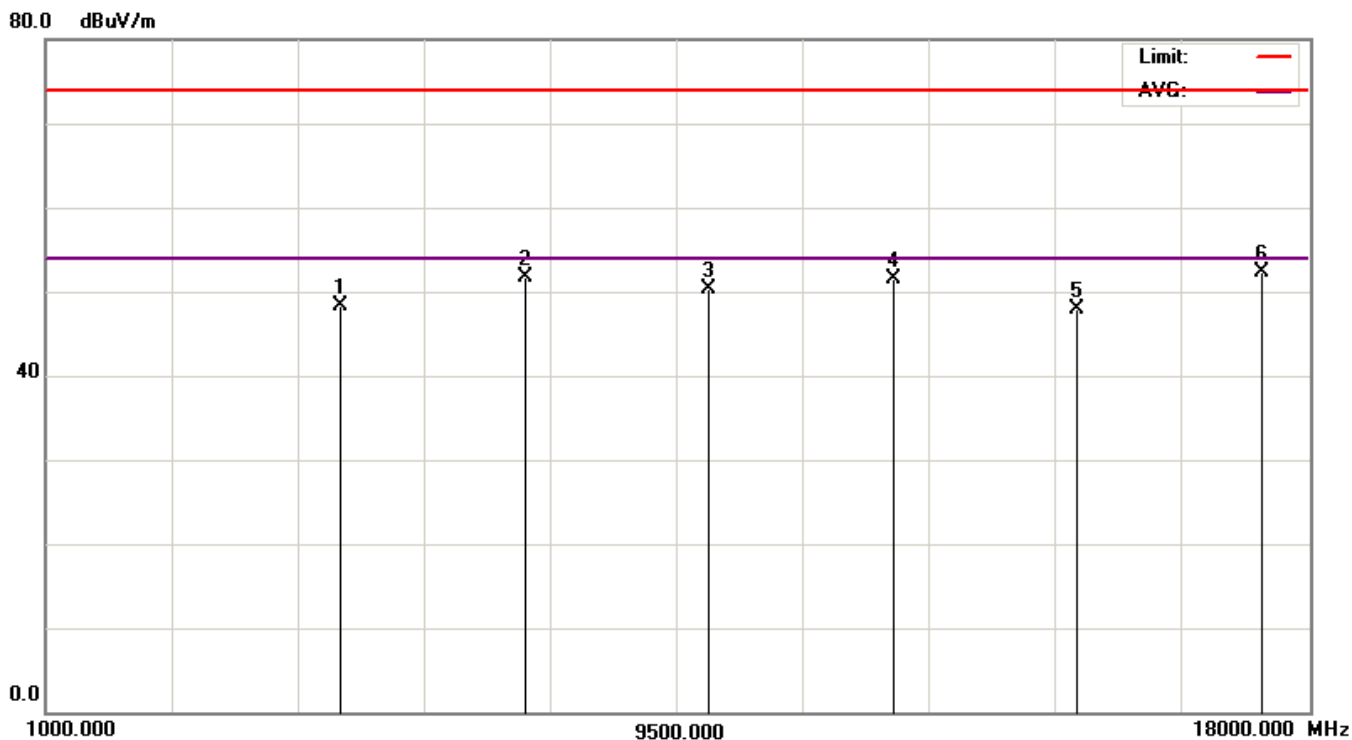
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4960.0000	36.46	11.92	48.38	74.00	-25.62	peak
2	7440.0000	37.61	14.07	51.68	74.00	-22.32	peak
3	9920.0000	37.42	12.91	50.33	74.00	-23.67	peak
4	12400.0000	38.11	13.39	51.50	74.00	-22.50	peak
5	14880.0000	36.15	11.77	47.92	74.00	-26.08	peak
6	17360.0000	35.06	17.25	52.31	74.00	-21.69	peak
7	19840.0000	45.62	-17.50	28.12	74.00	-45.88	peak
8	22320.0000	42.29	-17.50	24.79	74.00	-49.21	peak
9	24800.0000	45.98	-17.50	28.48	74.00	-45.52	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

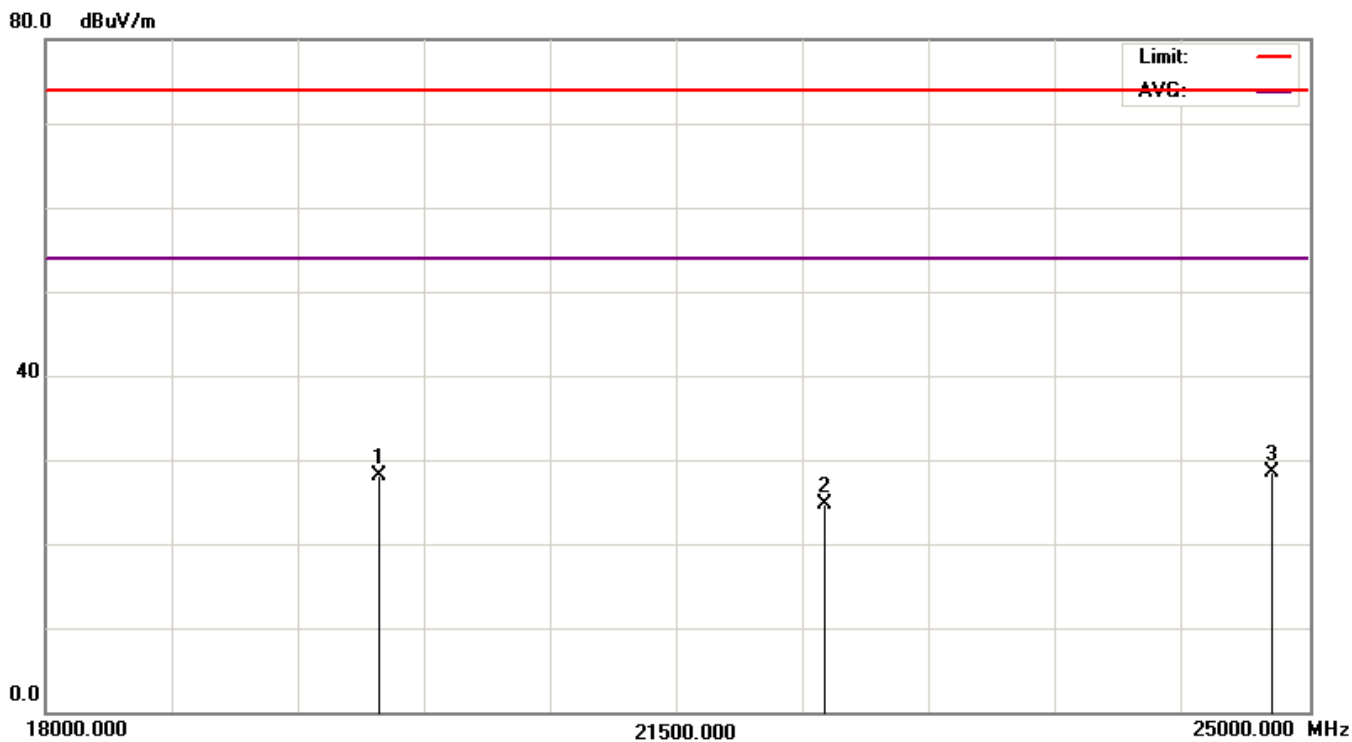
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

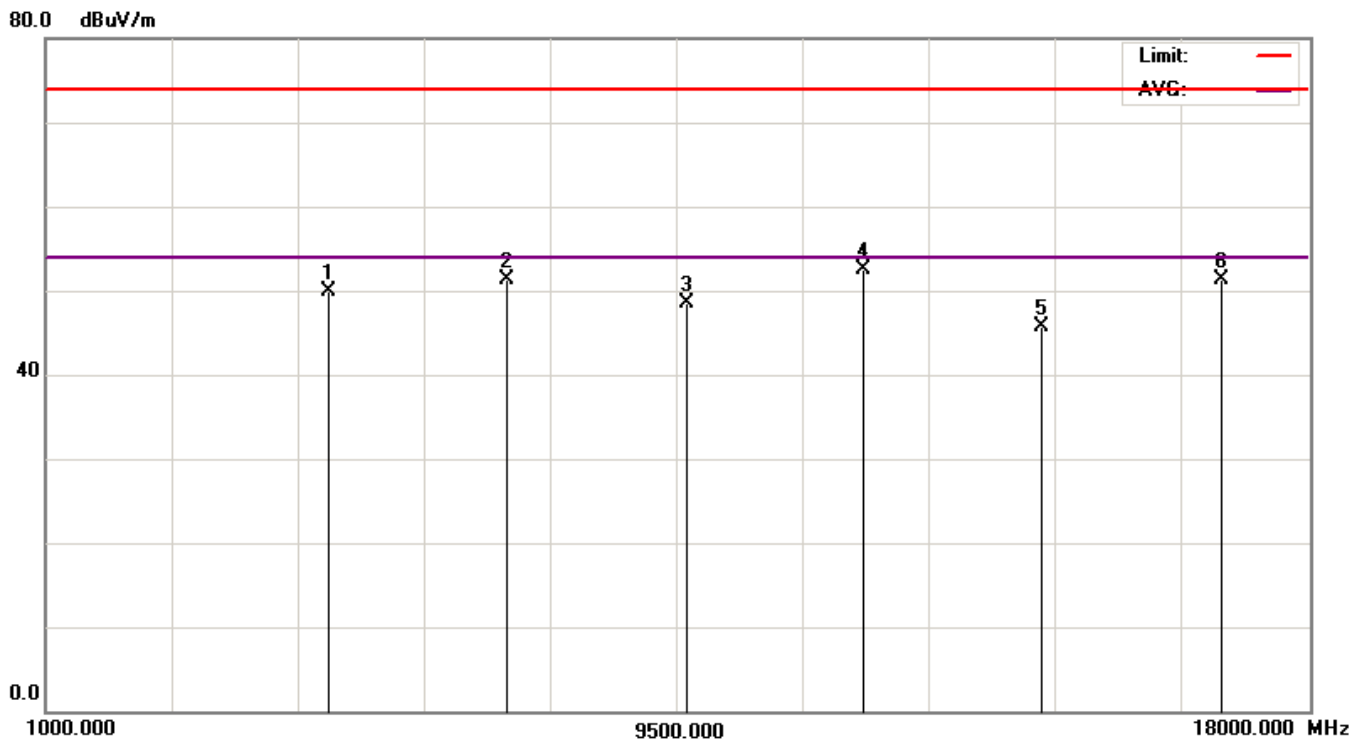
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4804.0000	40.86	9.12	49.98	74.00	-24.02	peak
2	7206.0000	36.97	14.38	51.35	74.00	-22.65	peak
3	9608.0000	37.51	10.98	48.49	74.00	-25.51	peak
4	12010.0000	36.77	15.70	52.47	74.00	-21.53	peak
5	14412.0000	35.36	10.39	45.75	74.00	-28.25	peak
6	16814.0000	37.58	13.64	51.22	74.00	-22.78	peak
7	19216.0000	43.18	-18.50	24.68	74.00	-49.32	peak
8	21618.0000	43.97	-18.50	25.47	74.00	-48.53	peak
9	24020.0000	45.76	-18.50	27.26	74.00	-46.74	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

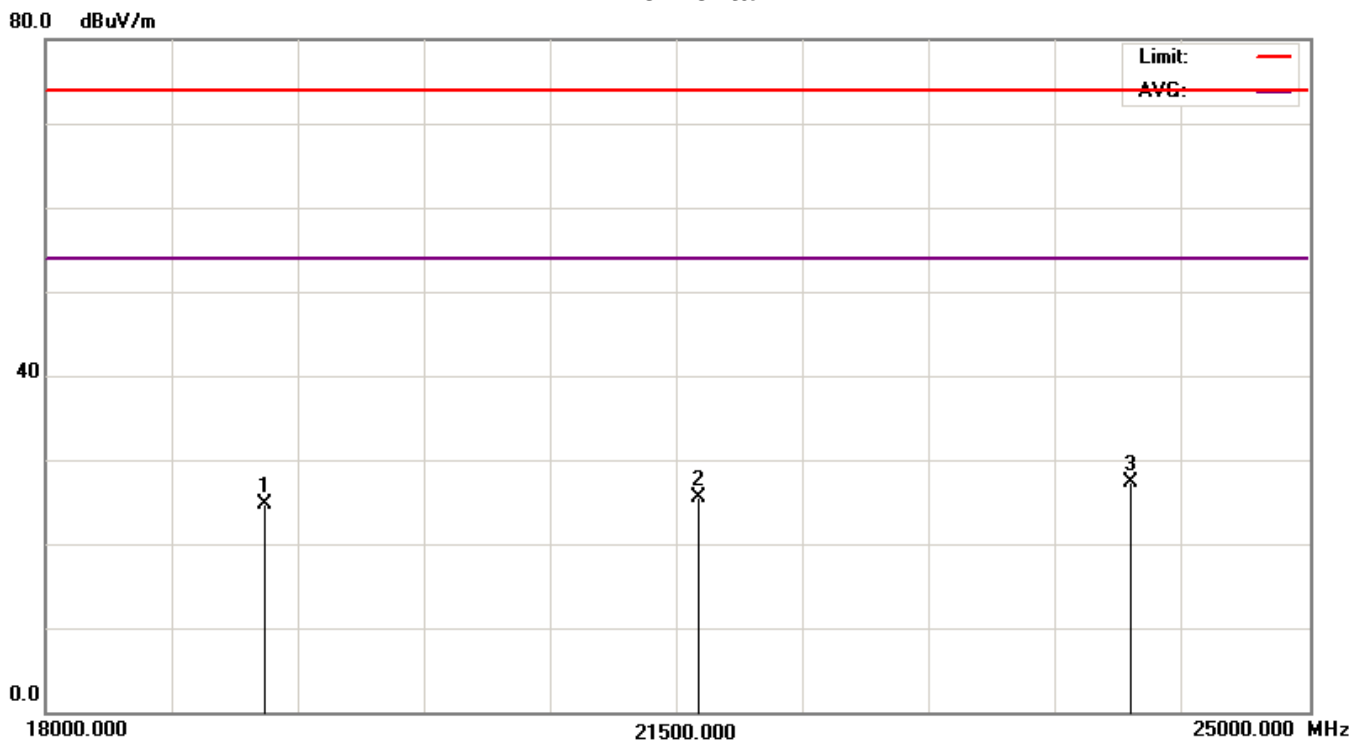
Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

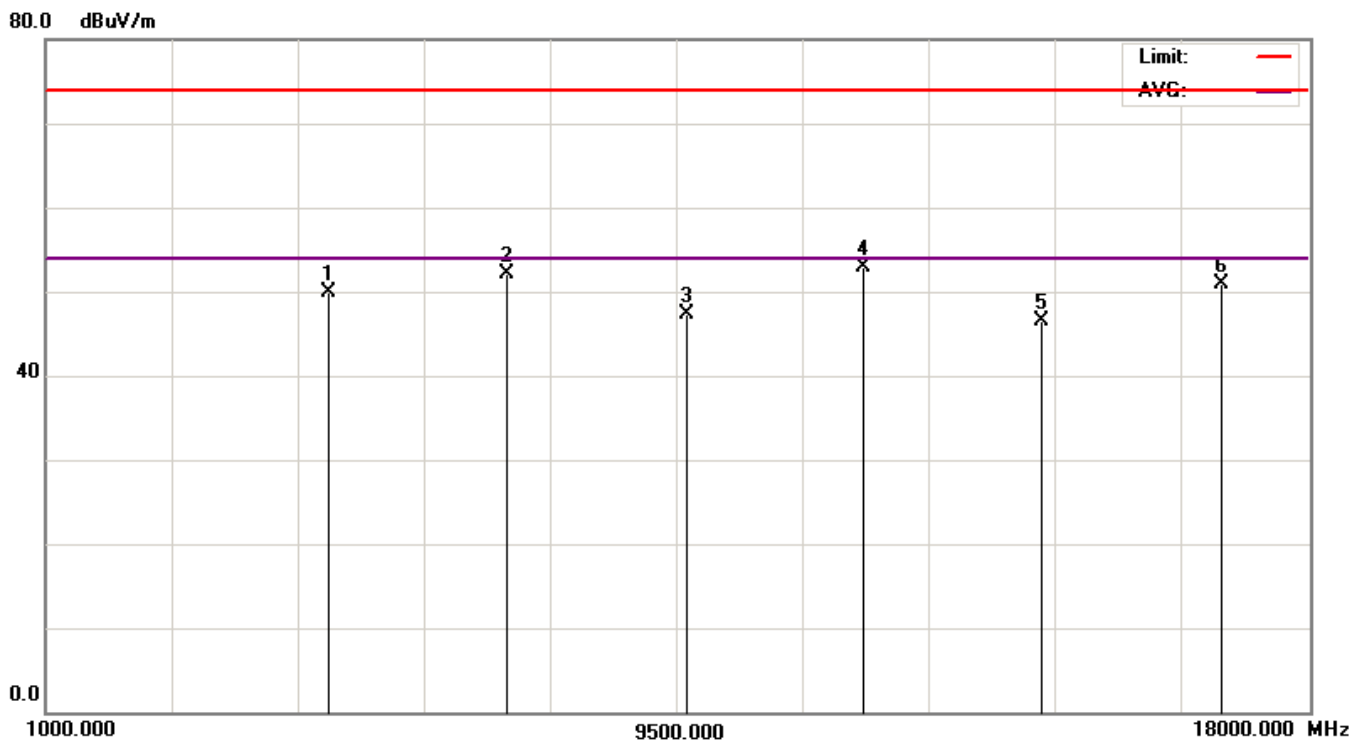
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4804.0000	40.52	9.42	49.94	74.00	-24.06	peak
2	7206.0000	37.85	14.27	52.12	74.00	-21.88	peak
3	9608.0000	34.11	13.12	47.23	74.00	-26.77	peak
4	12010.0000	35.51	17.37	52.88	74.00	-21.12	peak
5	14412.0000	36.75	9.66	46.41	74.00	-27.59	peak
6	16814.0000	36.41	14.56	50.97	74.00	-23.03	peak
7	19216.0000	42.14	-17.50	24.64	74.00	-49.36	peak
8	21618.0000	42.22	-17.50	24.72	74.00	-49.28	peak
9	24020.0000	46.59	-17.50	29.09	74.00	-44.91	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

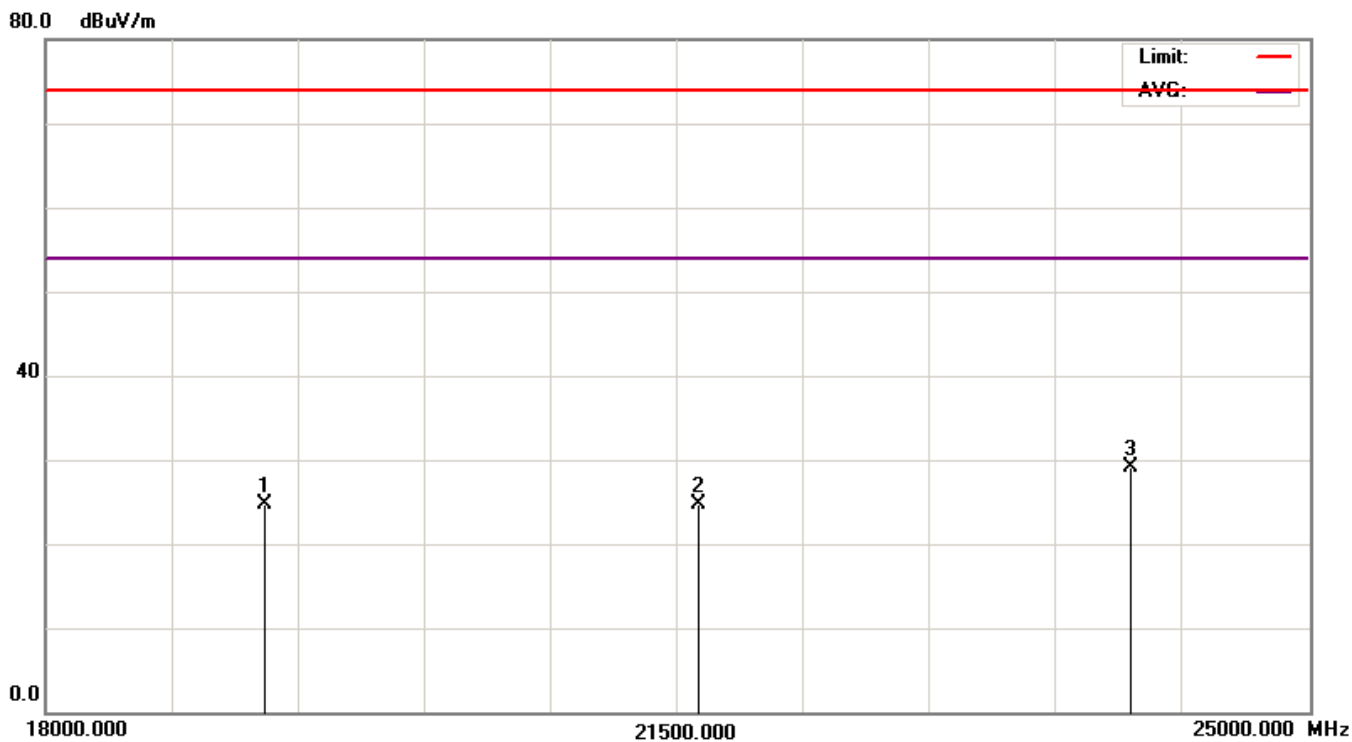
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2440 MHz

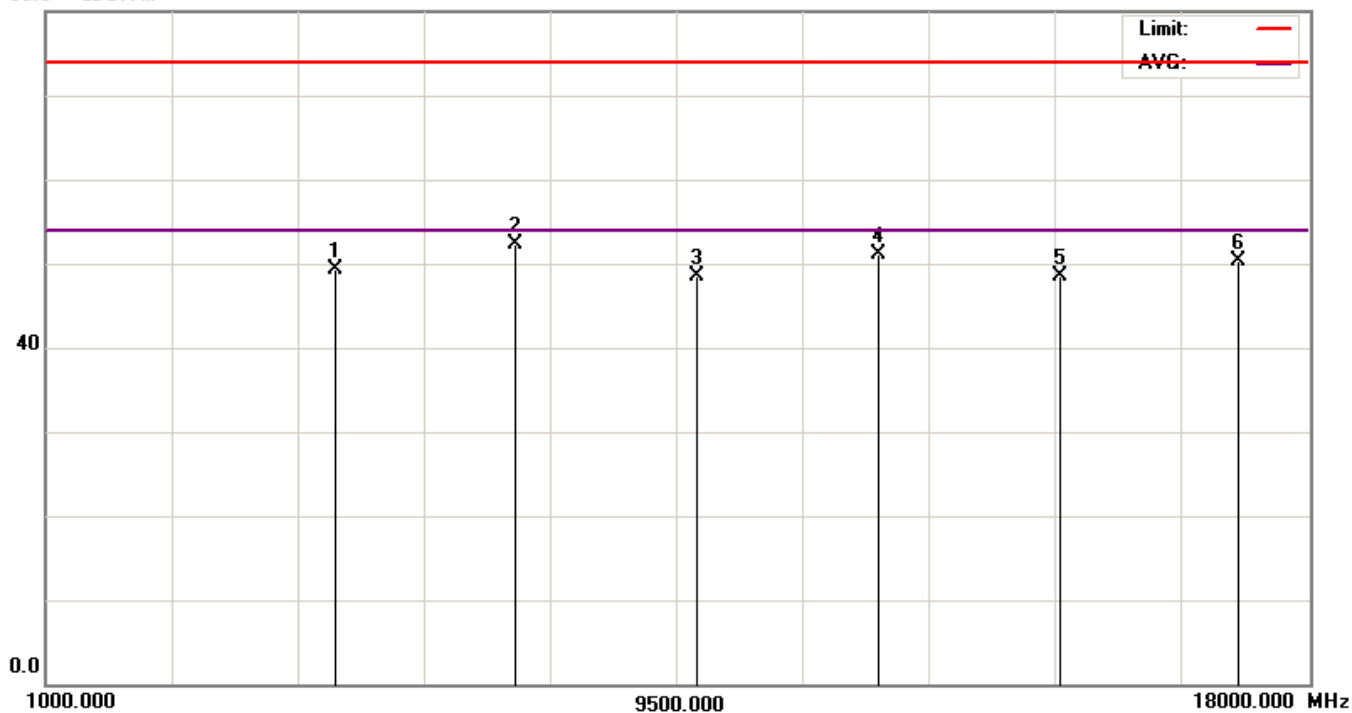
No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4880.0000	39.86	9.46	49.32	74.00	-24.68	peak
2	7320.0000	37.56	14.74	52.30	74.00	-21.70	peak
3	9760.0000	37.34	11.24	48.58	74.00	-25.42	peak
4	12200.0000	34.98	16.10	51.08	74.00	-22.92	peak
5	14640.0000	36.83	11.61	48.44	74.00	-25.56	peak
6	17080.0000	36.12	14.24	50.36	74.00	-23.64	peak
7	19520.0000	44.07	-18.50	25.57	74.00	-48.43	peak
8	21960.0000	43.87	-18.50	25.37	74.00	-48.63	peak
9	24400.0000	44.68	-18.50	26.18	74.00	-47.82	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

Horizontal

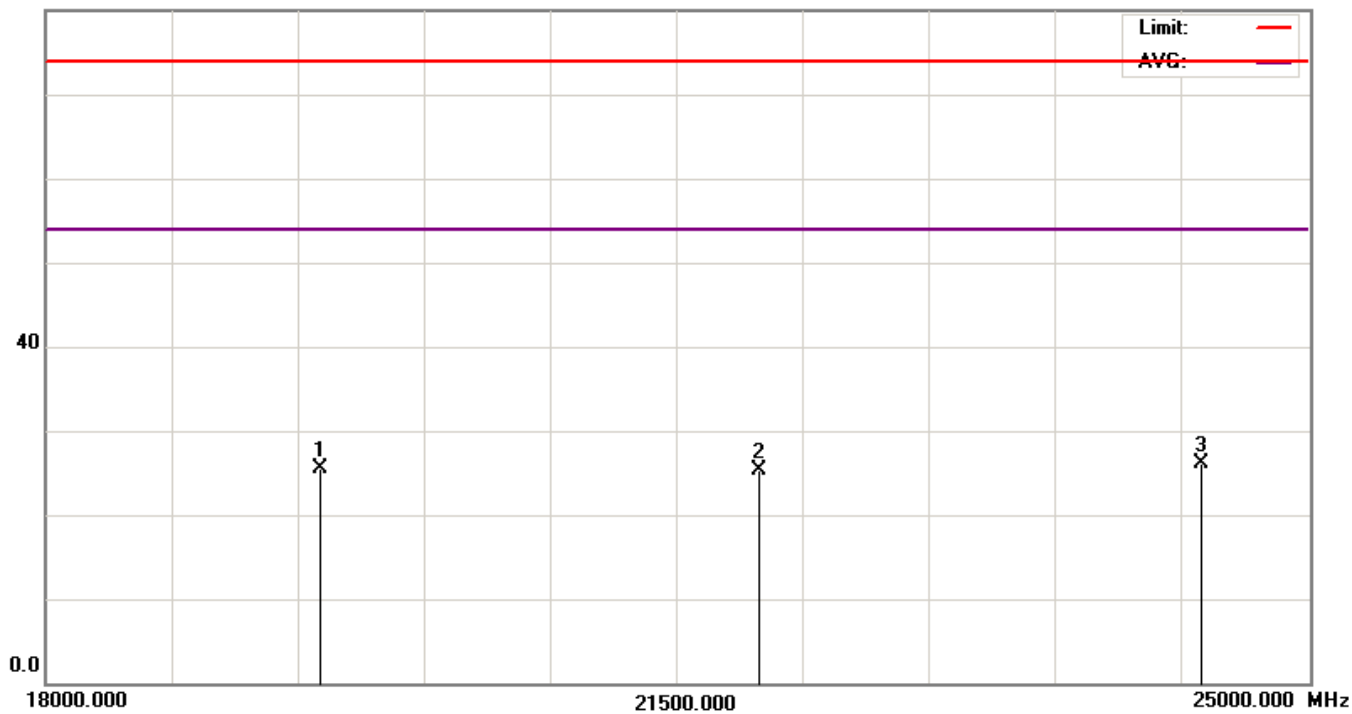
80.0 dBuV/m



Remark: 1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal

80.0 dBuV/m



Remark: 1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

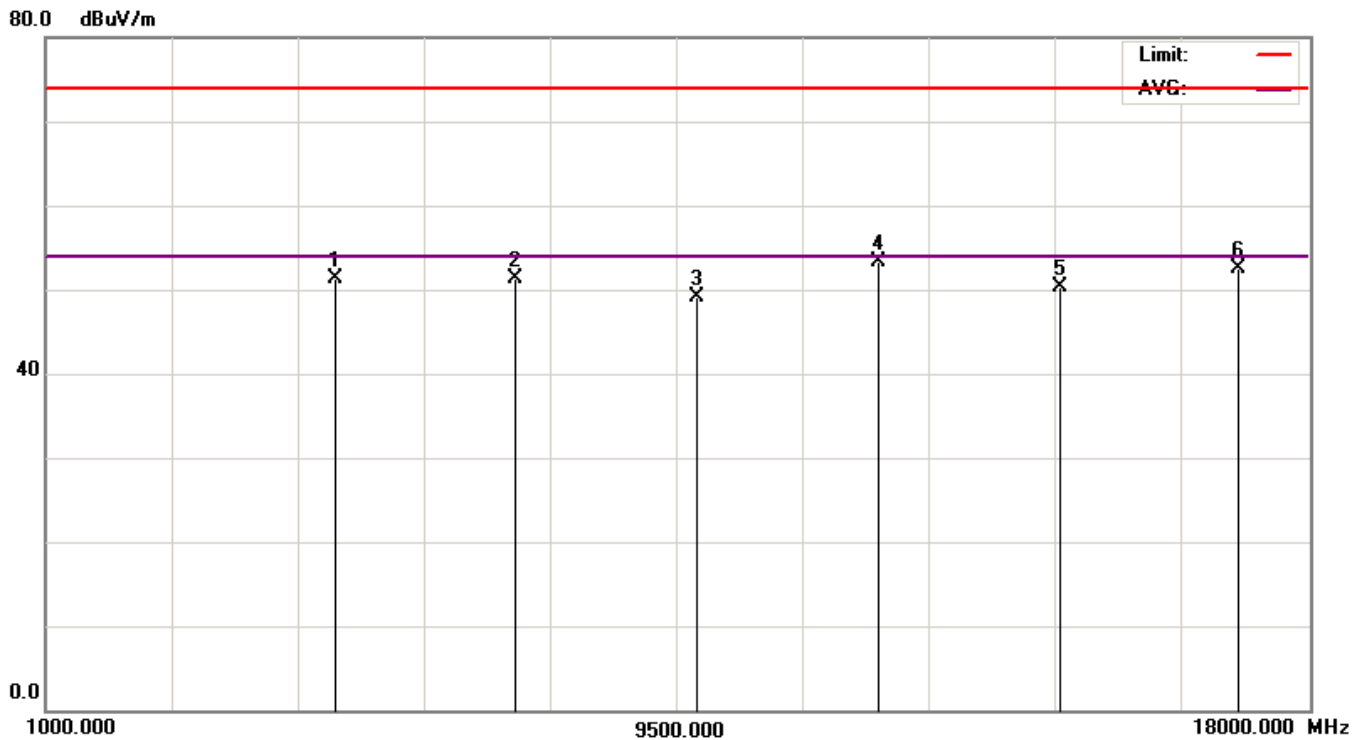
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2440MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4880.0000	40.93	10.28	51.21	74.00	-22.79	peak
2	7320.0000	36.87	14.51	51.38	74.00	-22.62	peak
3	9760.0000	35.66	13.37	49.03	74.00	-24.97	peak
4	12200.0000	35.43	17.83	53.26	74.00	-20.74	peak
5	14640.0000	40.25	10.03	50.28	74.00	-23.72	peak
6	17080.0000	37.52	15.07	52.59	74.00	-21.41	peak
7	19520.0000	44.31	-17.50	26.81	74.00	-47.19	peak
8	21960.0000	42.93	-17.50	25.43	74.00	-48.57	peak
9	24400.0000	45.70	-17.50	28.20	74.00	-45.80	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

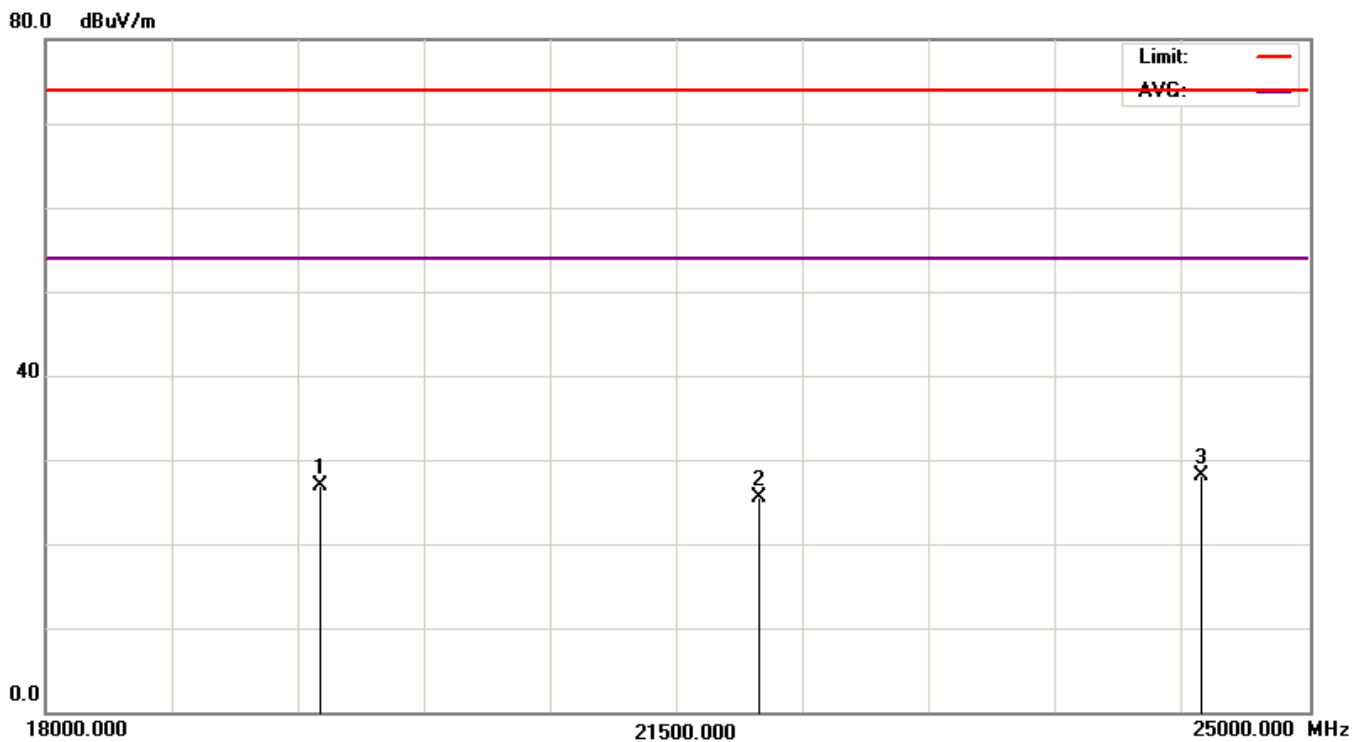
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

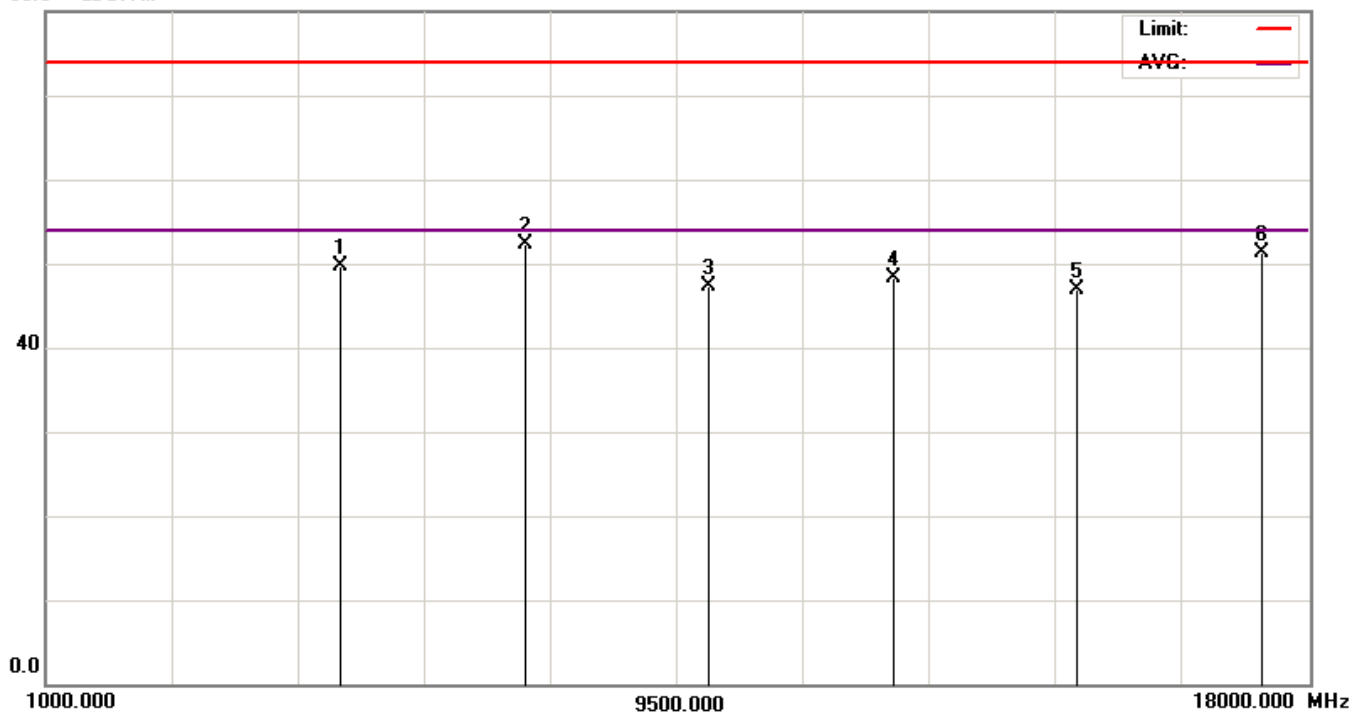
No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4960.0000	39.42	10.26	49.68	74.00	-24.32	peak
2	7440.0000	37.84	14.40	52.24	74.00	-21.76	peak
3	9920.0000	38.54	8.67	47.21	74.00	-26.79	peak
4	12400.0000	35.85	12.45	48.30	74.00	-25.70	peak
5	14880.0000	34.39	12.52	46.91	74.00	-27.09	peak
6	17360.0000	35.44	15.80	51.24	74.00	-22.76	peak
7	19840.0000	43.63	-18.50	25.13	74.00	-48.87	peak
8	22320.0000	46.15	-18.50	27.65	74.00	-46.35	peak
9	24800.0000	45.87	-18.50	27.37	74.00	-46.63	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

Horizontal

80.0 dBuV/m

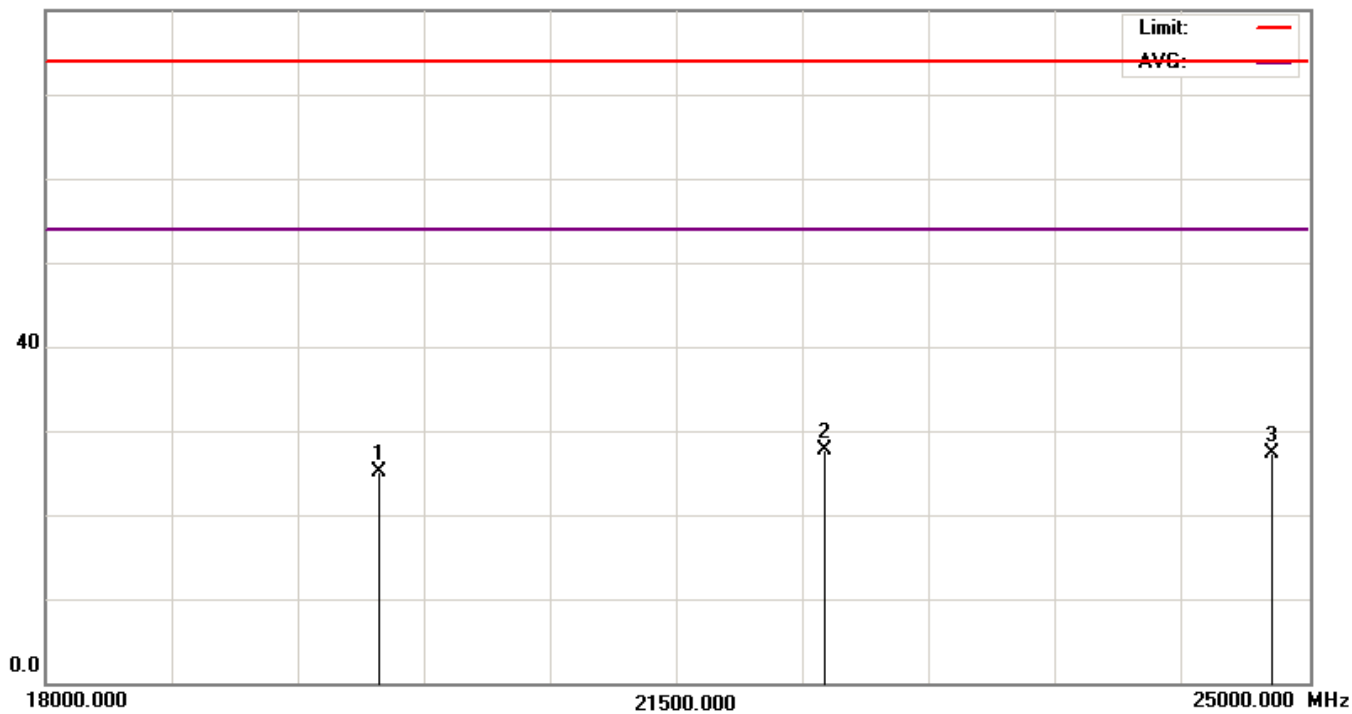


Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Horizontal

80.0 dBuV/m



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

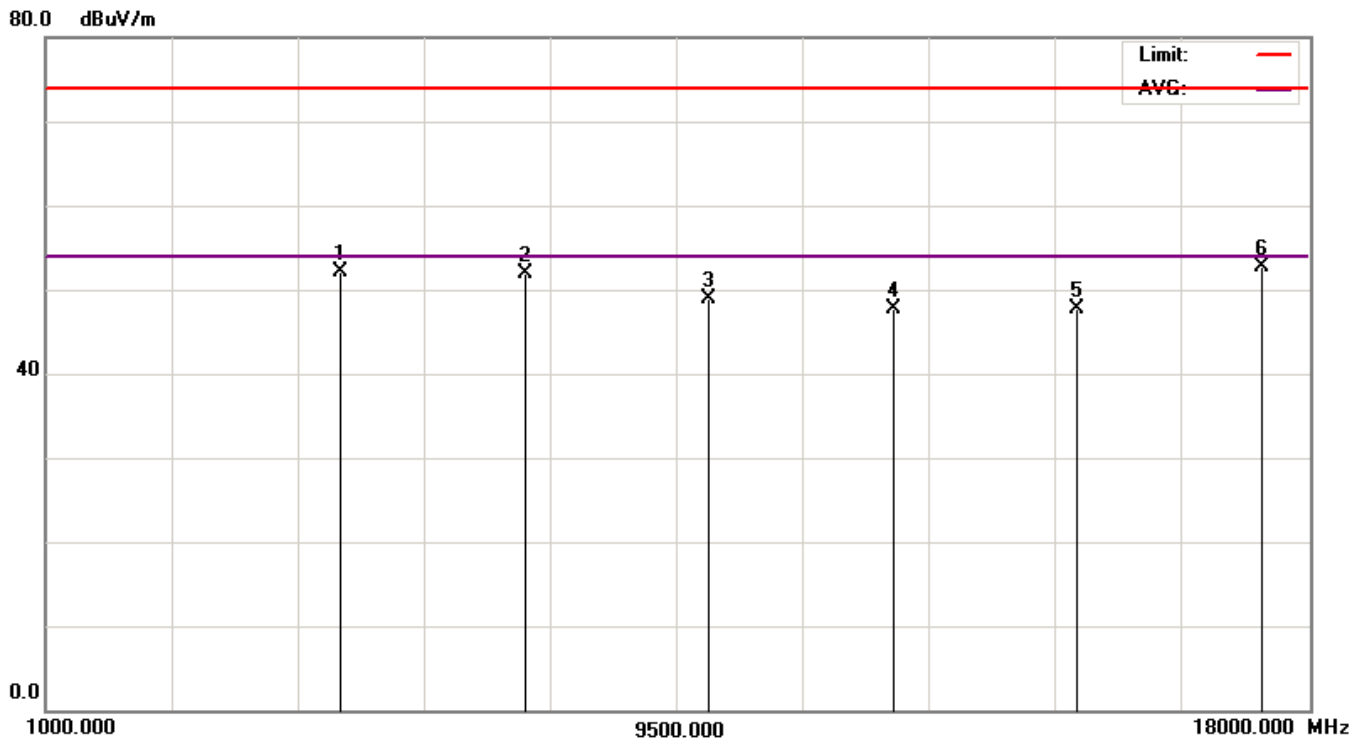
Date of Test	July 31, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4960.0000	40.28	11.92	52.20	74.00	-21.80	peak
2	7440.0000	37.74	14.07	51.81	74.00	-22.19	peak
3	9920.0000	36.09	12.91	49.00	74.00	-25.00	peak
4	12400.0000	34.31	13.39	47.70	74.00	-26.30	peak
5	14880.0000	35.92	11.77	47.69	74.00	-26.31	peak
6	17360.0000	35.55	17.25	52.80	74.00	-21.20	peak
7	19840.0000	45.04	-17.50	27.54	74.00	-46.46	peak
8	22320.0000	42.13	-17.50	24.63	74.00	-49.37	peak
9	24800.0000	44.98	-17.50	27.48	74.00	-46.52	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 4.35 dB.(1G-18G)
7. The measurement uncertainty is 4.37 dB.(18G-40G)

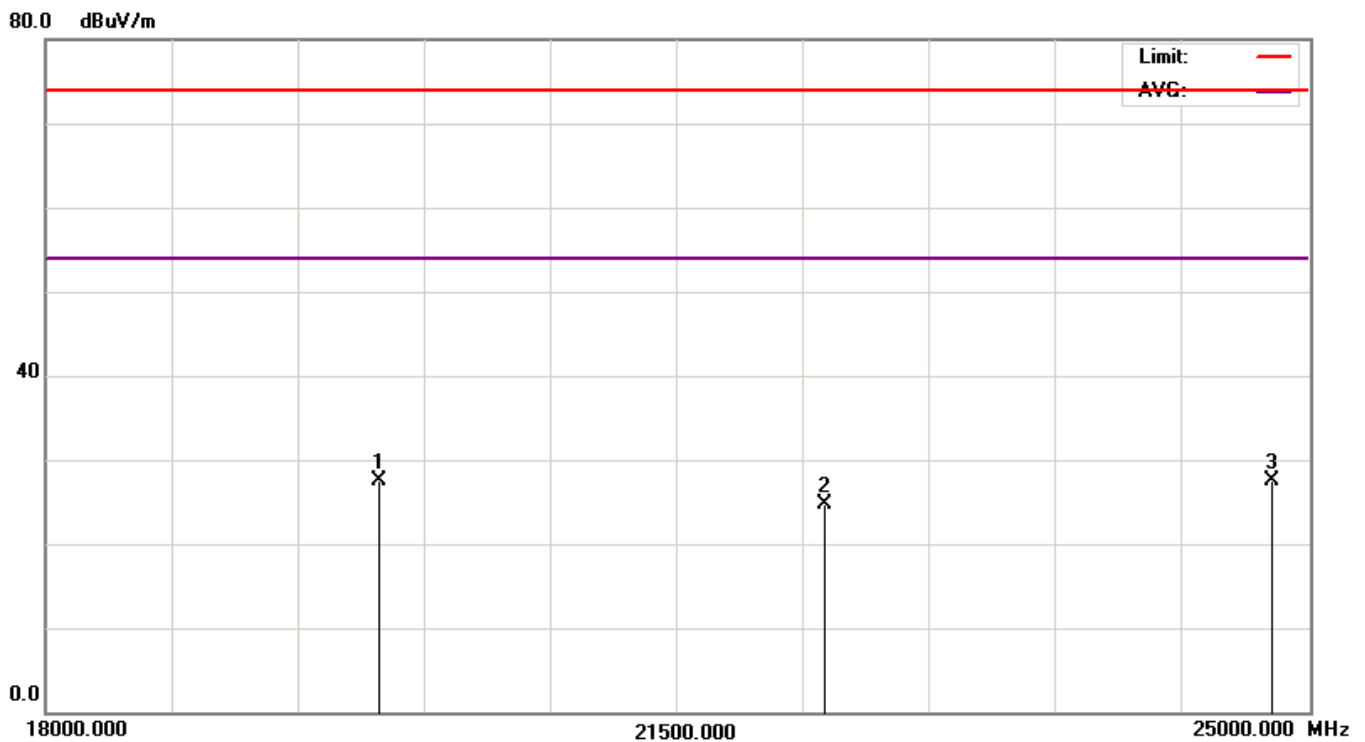
Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

Vertical



Remark:

1. The Peak (The red line of the graph indicates the peak measurements).
2. The AVG (The purple line of the graph indicates the average measurements).
3. The frequency range indicated in this graph is just a frequency range set automatically by the test equipment.
The tested frequency range is mention in above column of the test data table.

5. PEAK POWER OUTPUT

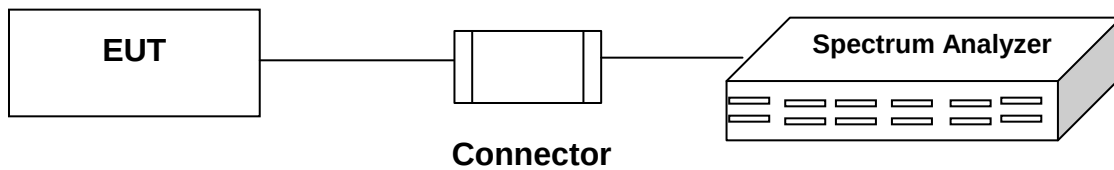
5.1 TEST EQUIPMENT

The following test equipments are used during the Conduct tests:

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSL6	100517	2013.08.26

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

5.2 BLOCK DIAGRAM OF TEST SETUP



5.3 PEAK POWER OUTPUT LIMIT

The maximum peak power shall be less 1W.

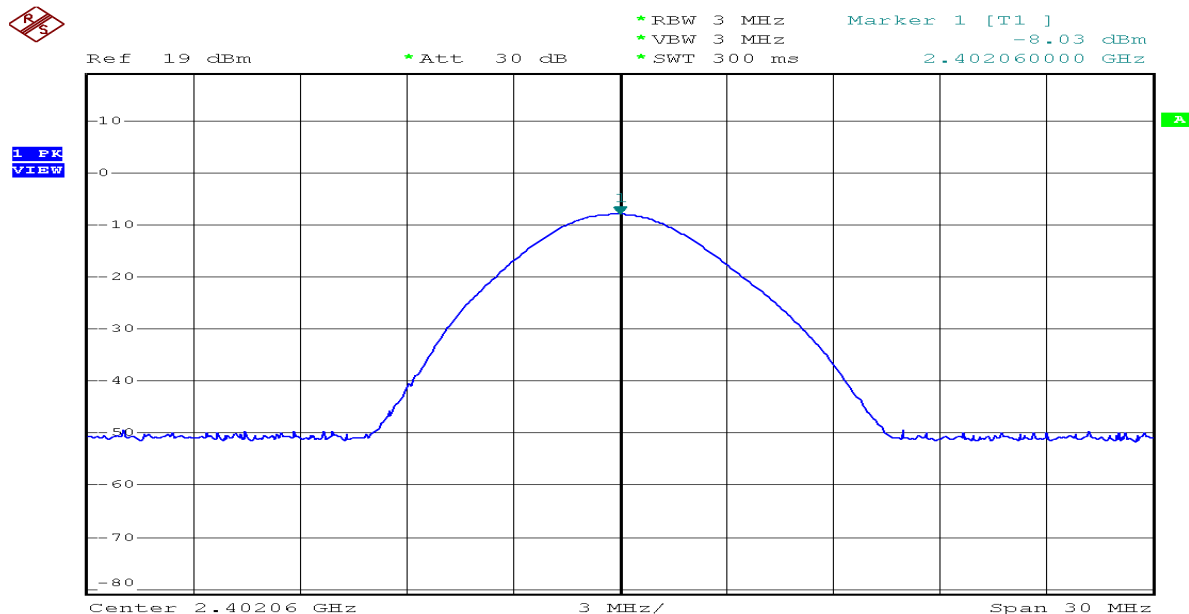
5.4 TEST RESULT

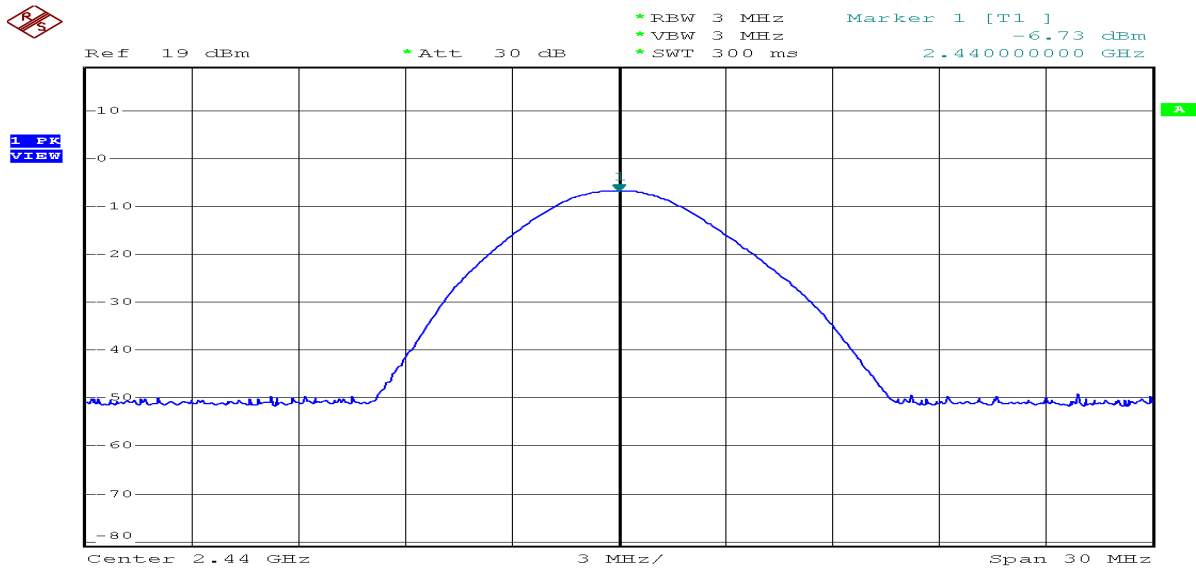
Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Test Mode	GFSK	Display Pattern	Program

Channel No.	Frequency (MHz)	Reading Level (dBm)	Cable loss (dB)	Measurement (dBm)	Required Limit	Result
0	2402.06	-8.03	0.59	-7.44	1W(30dBm)	Pass
38	2440.00	-6.73	0.69	-6.04	1W(30dBm)	Pass
78	2480.00	-4.73	0.73	-4.00	1W(30dBm)	Pass

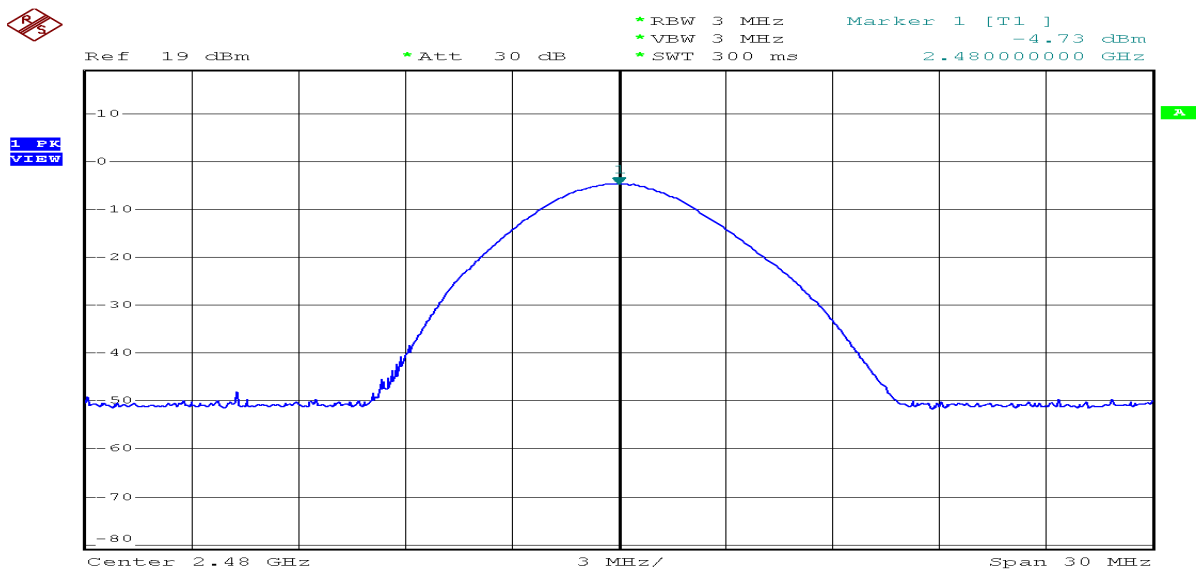
Note :

Measurement = Reading Level +Cable loss





Date: 26.JUL.2013 04:04:30



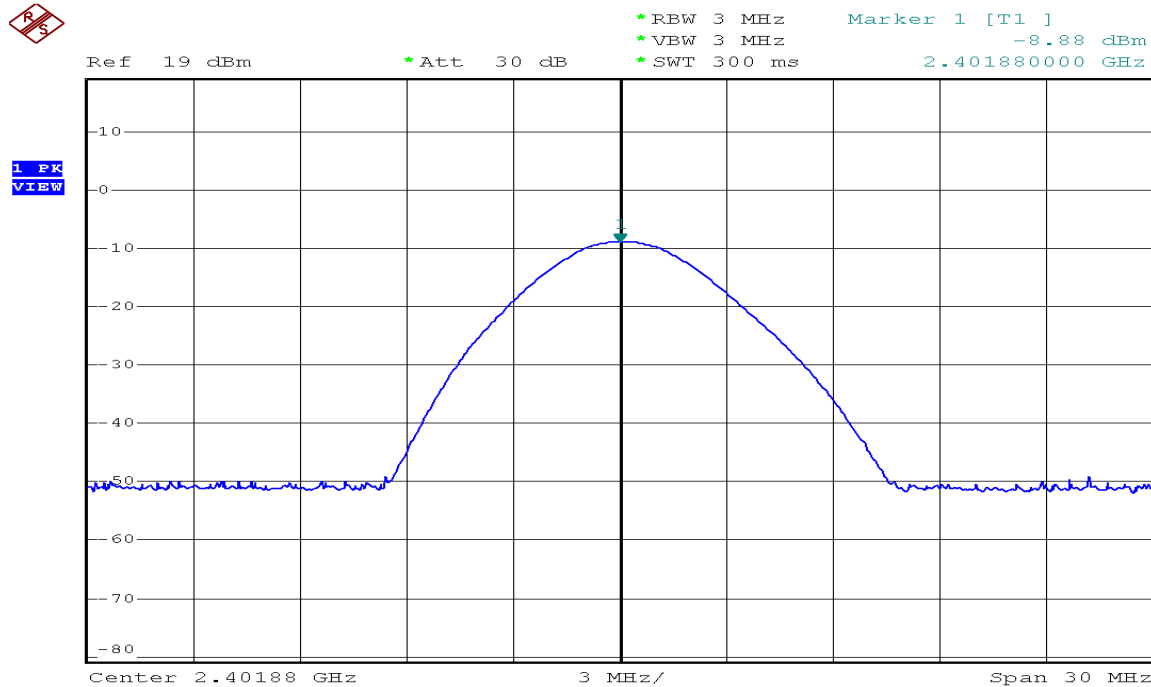
Date: 26.JUL.2013 04:05:36

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Test Mode	$\pi/4$ PSK	Display Pattern	Program

Channel No.	Frequency (MHz)	Reading Level (dBm)	Cable loss (dB)	Measurement (dBm)	Required Limit	Result
0	2401.88	-8.88	0.59	-8.29	1W(30dBm)	Pass
38	2439.82	-7.97	0.69	-7.28	1W(30dBm)	Pass
78	2480.12	-6.22	0.73	-5.49	1W(30dBm)	Pass

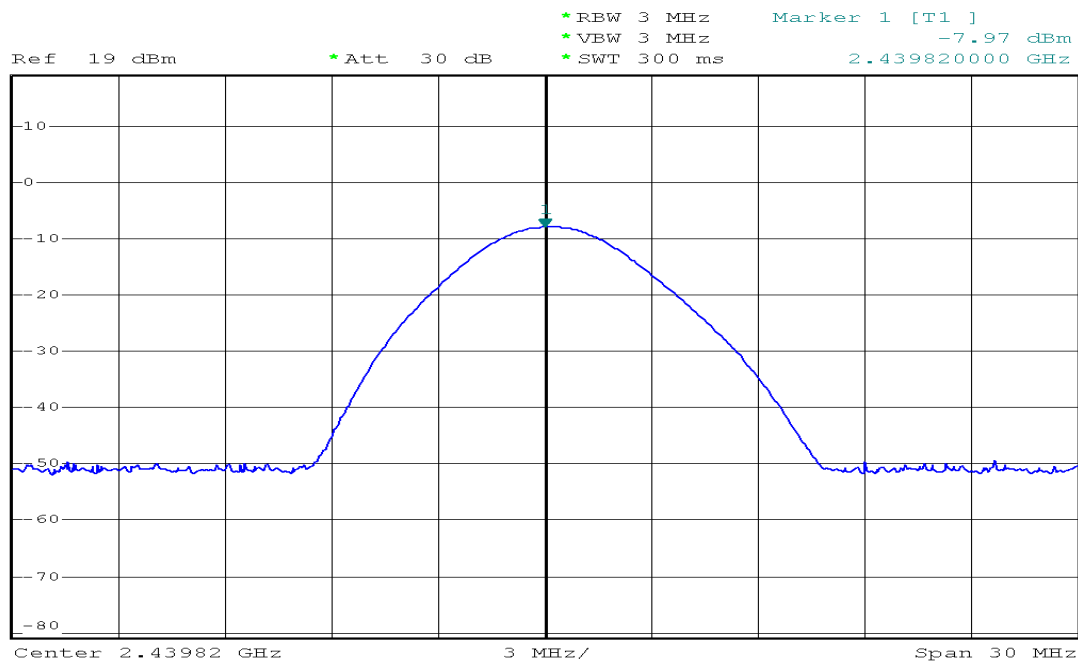
Note :

Measurement = Reading Level +Cable loss

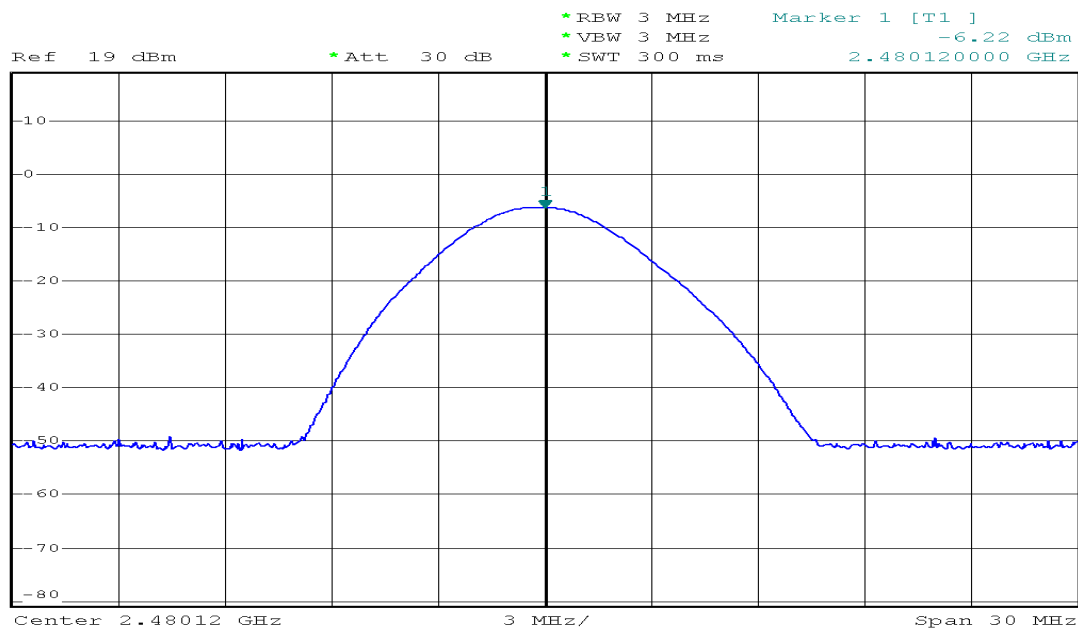




1 PK
VIEW



1 PK
VIEW

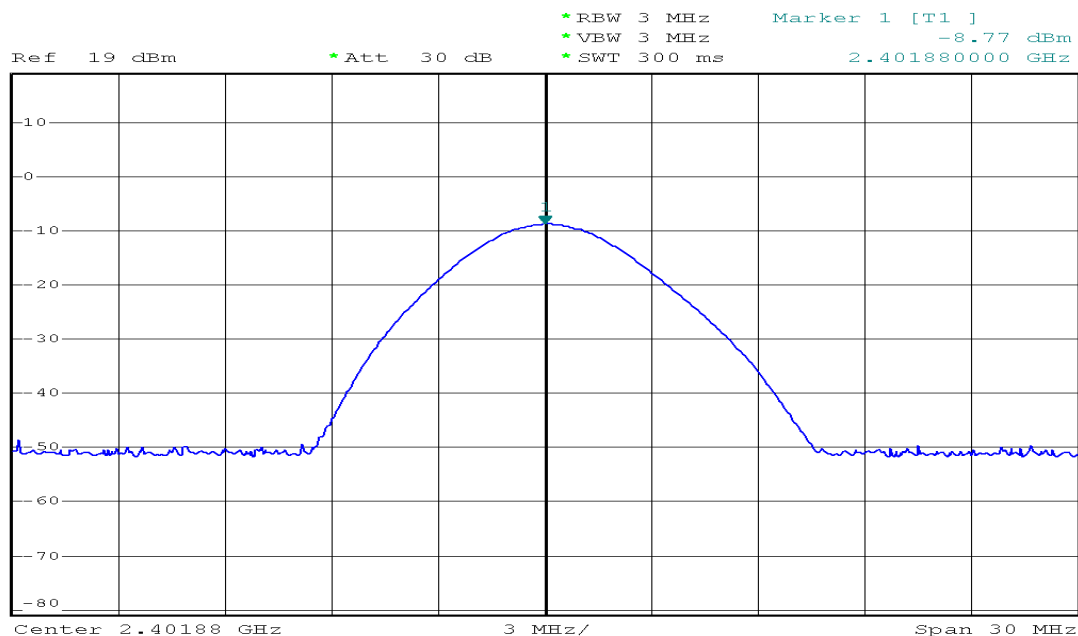


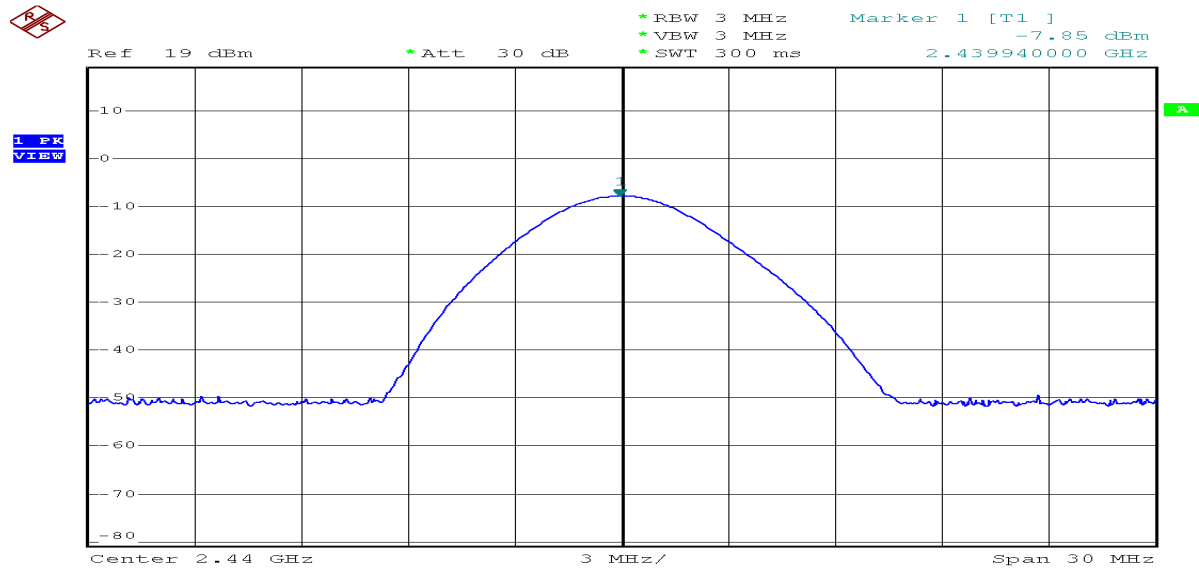
Date of Test	July 26, 2013	Temperature	20 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Test Mode	8DPSK	Display Pattern	Program

Channel No.	Frequency (MHz)	Reading Level (dBm)	Cable loss (dB)	Measurement (dBm)	Required Limit	Result
0	2401.88	-8.77	0.59	-8.18	1W(30dBm)	Pass
38	2439.94	-7.85	0.69	-7.16	1W(30dBm)	Pass
78	2479.94	-6.09	0.73	-5.36	1W(30dBm)	Pass

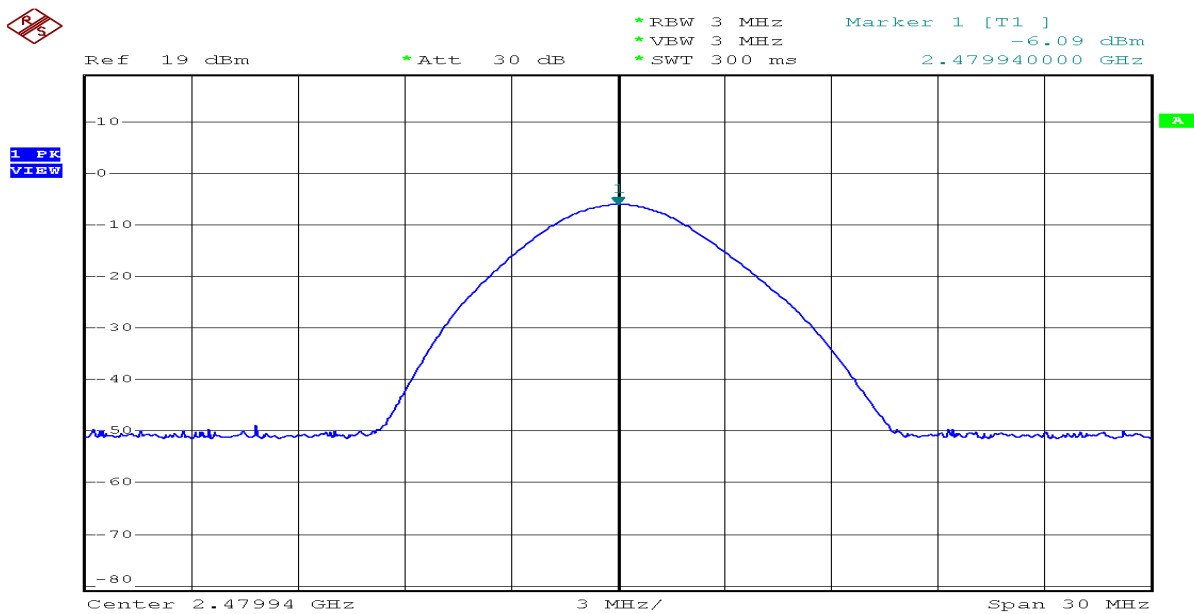
Note :

Measurement = Reading Level +Cable loss





Date: 26.JUL.2013 04:13:29



6. BAND EDGE

6.1 TEST EQUIPMENT

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSL6	100517	2013.08.26
2	Pre-Amplifier	HP	8449B	3008A01264	2014.06.10
3	HORN ANTENNA	SCHWARZBECK	BBHA 9120	D243	2014.01.23
4	BOARD-BAND ANTENNA	SCHWARZBECK	BBHA 9170	BBHA9170164	2014.01.27
5	CABLE	INSULATED WIRE INC.	SPS-2801-3940-NPS	03262012	2014.04.07
6	CABLE	SUHNER	SUCOFLEX 104PEA	MY3501/4PEA	2013.10.08
7	CABLE	SUHNER	SUCOFLEX 102	23538/2	2014.06.10
8	CABLE	SUHNER	SUCOFLEX 102	28523/2	2013.09.19
9	Test Program Software	Hotlife	CSR BC4	N/A	N/A

6.2 BLOCK DIAGRAM OF TEST SETUP

RF Radiated Measurement:

Refer to Section 4.2

RF Couductive Measurement:

Refer to Section 5.2

6.3 BAND EDGE LIMIT

In any 100KHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100KHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209 (a) (see Section 15.205(c)).

6.4 EUT CONFIGURATION

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2000 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120KHz, above 1GHz are 1MHz.

6.5 OPERATING CONDITION OF EUT

Same as section 2.9.

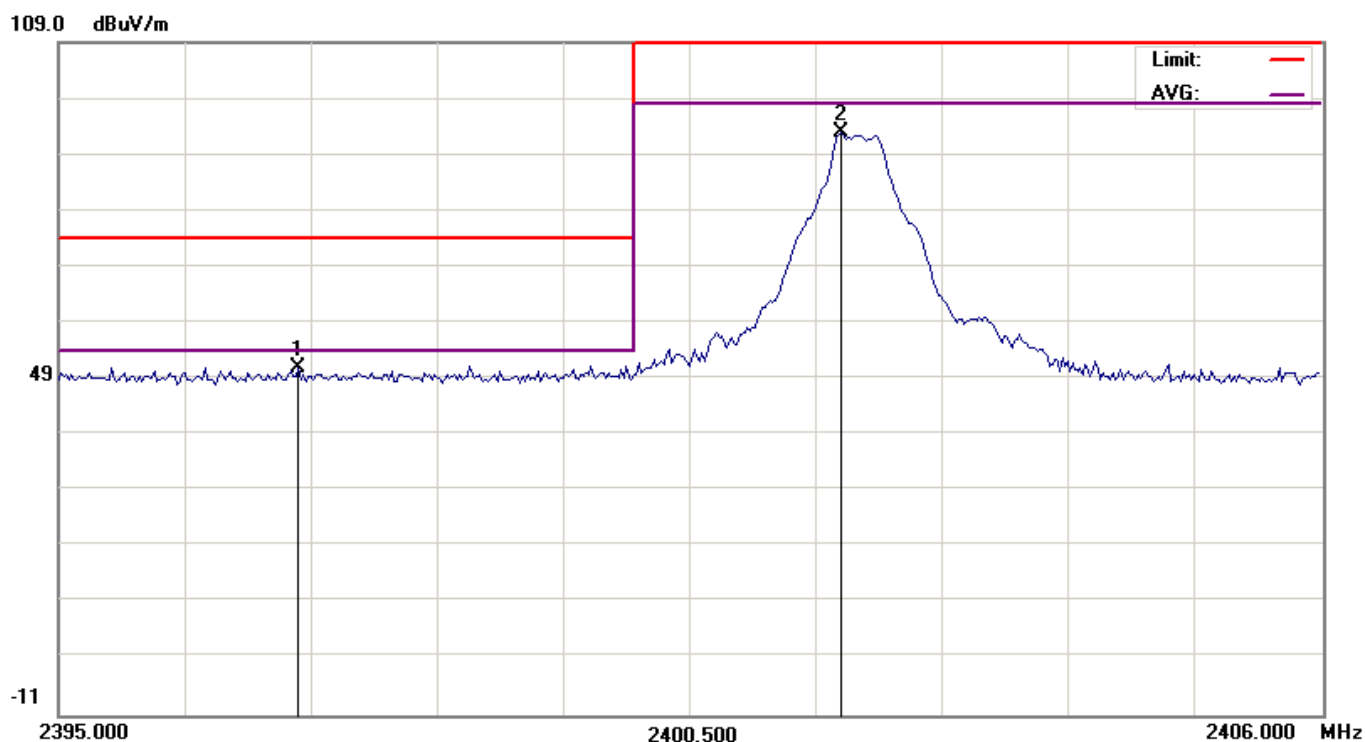
6.6 TEST RELULT

Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2397.0900	39.28	11.81	51.09	74.00	-22.91	peak
2	2401.8200	81.03	11.82	92.85	118.00	-25.15	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2401.8420MHz is Carrier signal.

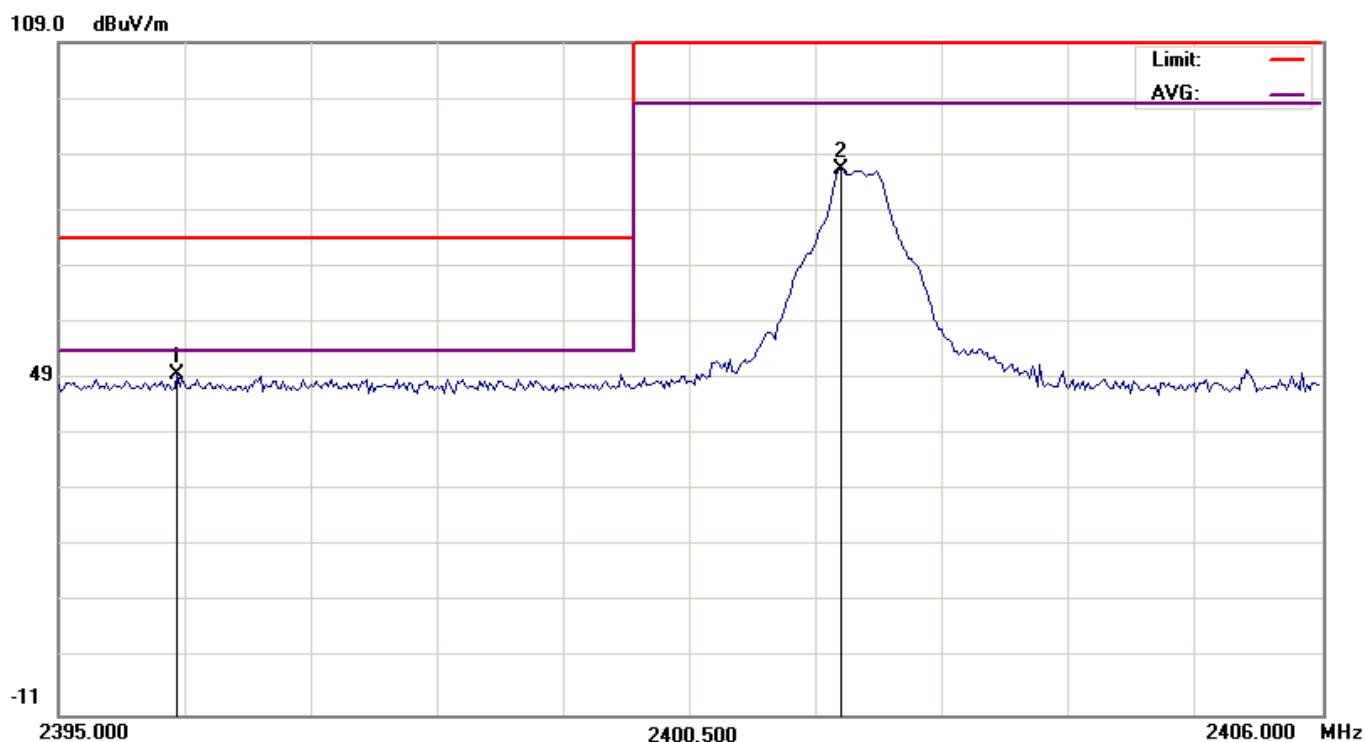


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2396.0340	39.66	10.21	49.87	74.00	-24.13	peak
2	2401.8200	76.25	10.21	86.46	118.00	-31.54	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
7. The No.1 2396.0340MHz is Carrier signal.

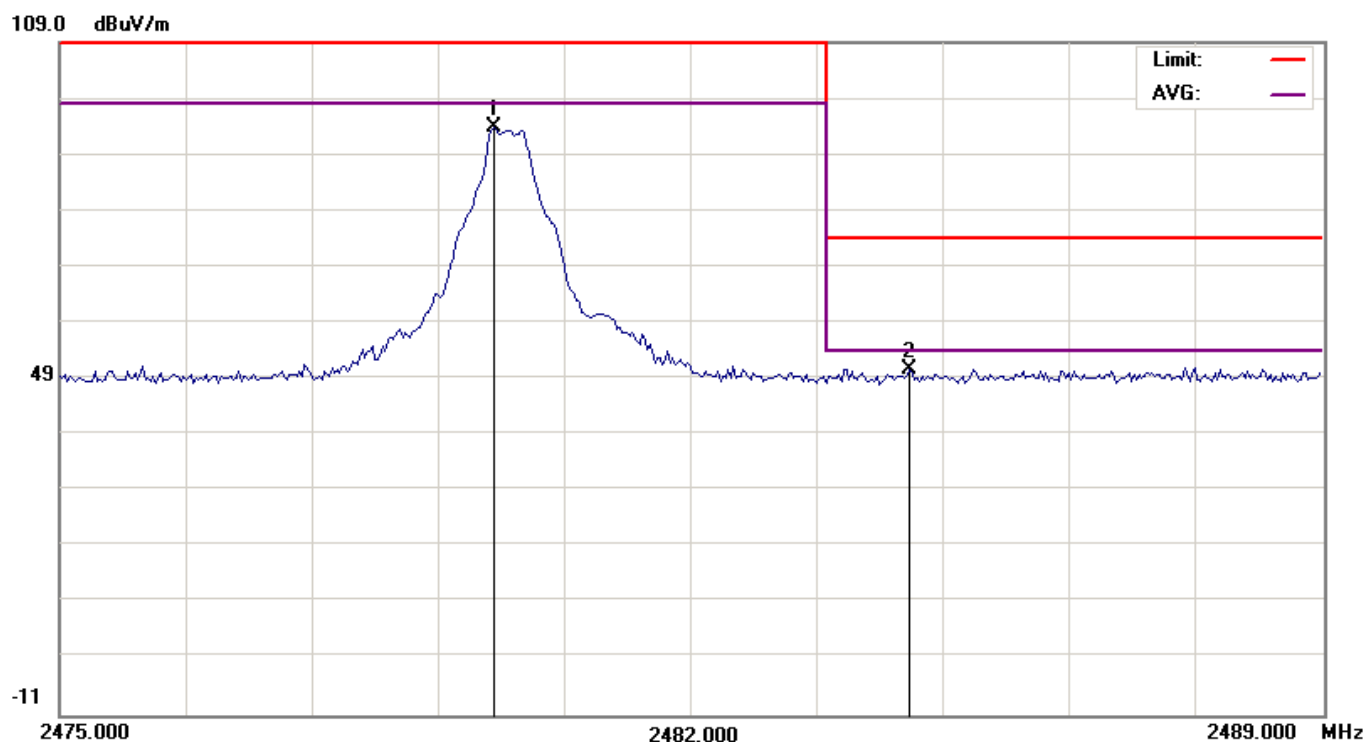


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2479.8160	81.88	11.86	93.74	118.00	-24.26	peak
2	2484.4360	38.92	11.86	50.78	74.00	-23.22	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2484.4360MHz is Carrier signal.

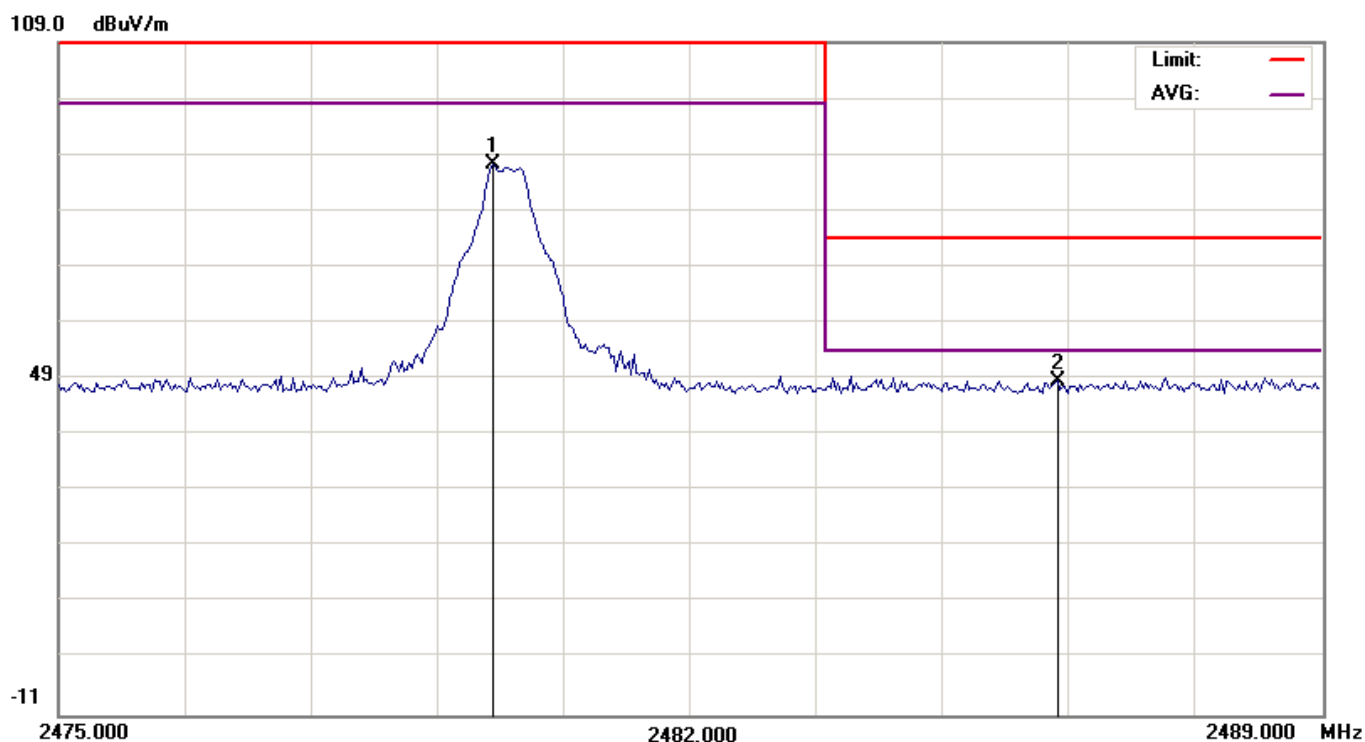


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1 -GFSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2479.8160	76.88	10.24	87.12	118.00	-30.88	peak
2	2486.0880	38.28	10.24	48.52	74.00	-25.48	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2486.0880MHz is Carrier signal.

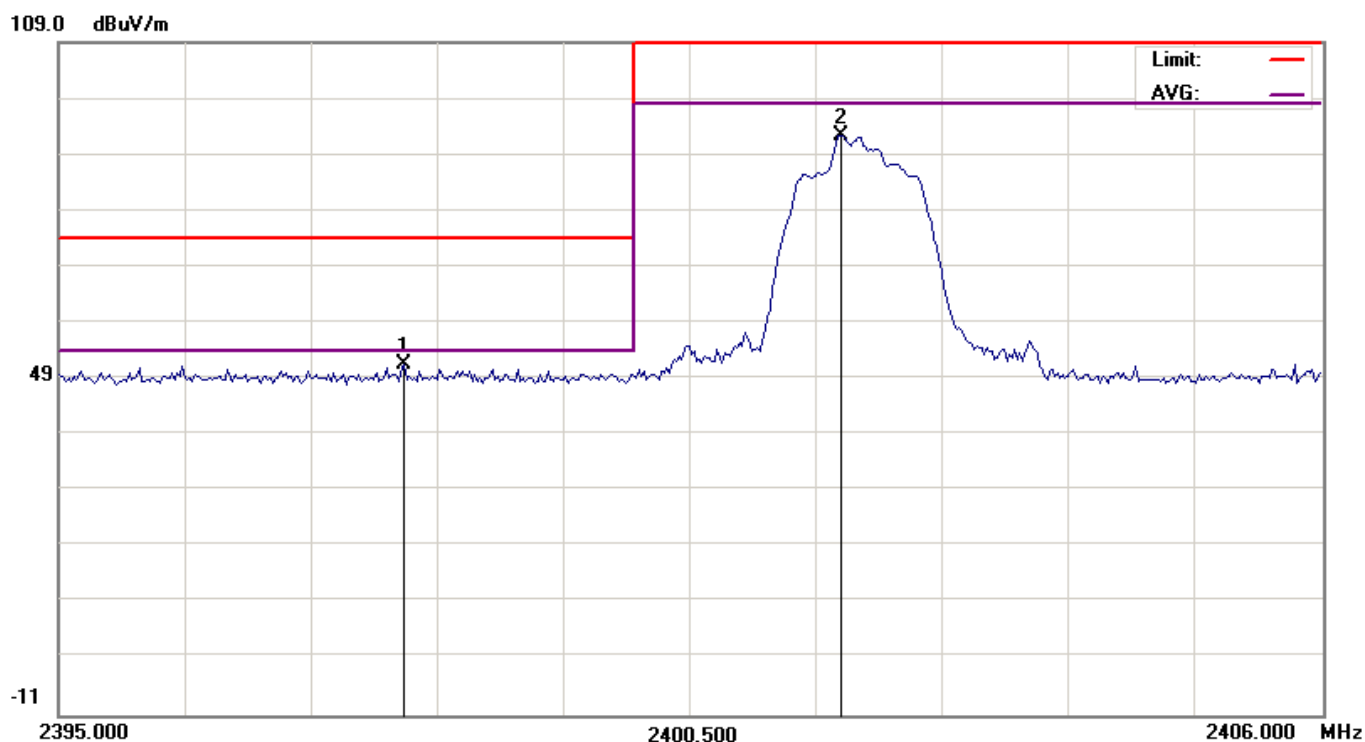


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB/m	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	2398.0140	39.63	11.81	51.44	74.00	-22.56	peak
2	2401.8200	80.66	11.82	92.48	118.00	-25.52	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
7. The No.1 2398.0140MHz is Carrier signal.

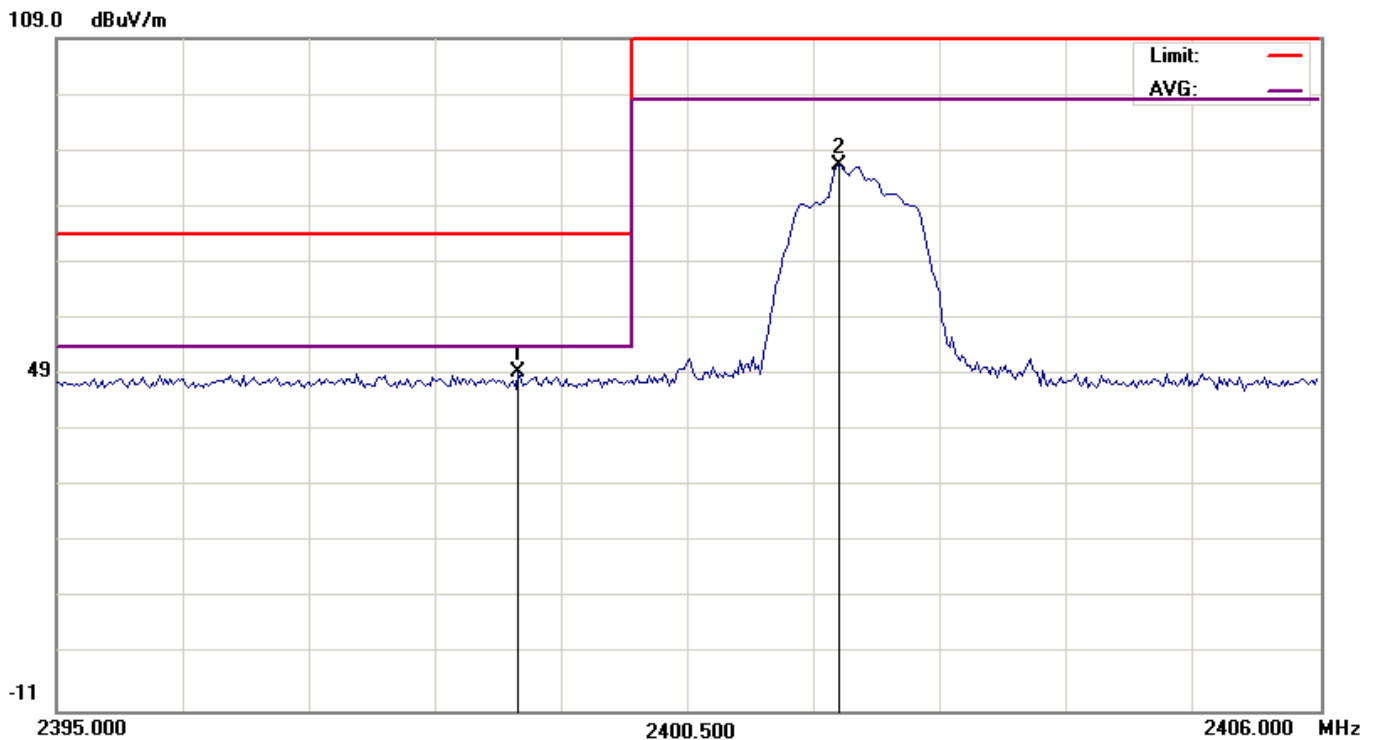


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB/m	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	2399.0260	39.29	10.21	49.50	74.00	-24.50	peak
2	2401.8200	76.16	10.21	86.37	118.00	-31.63	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
7. The No.1 2399.0260MHz is Carrier signal.

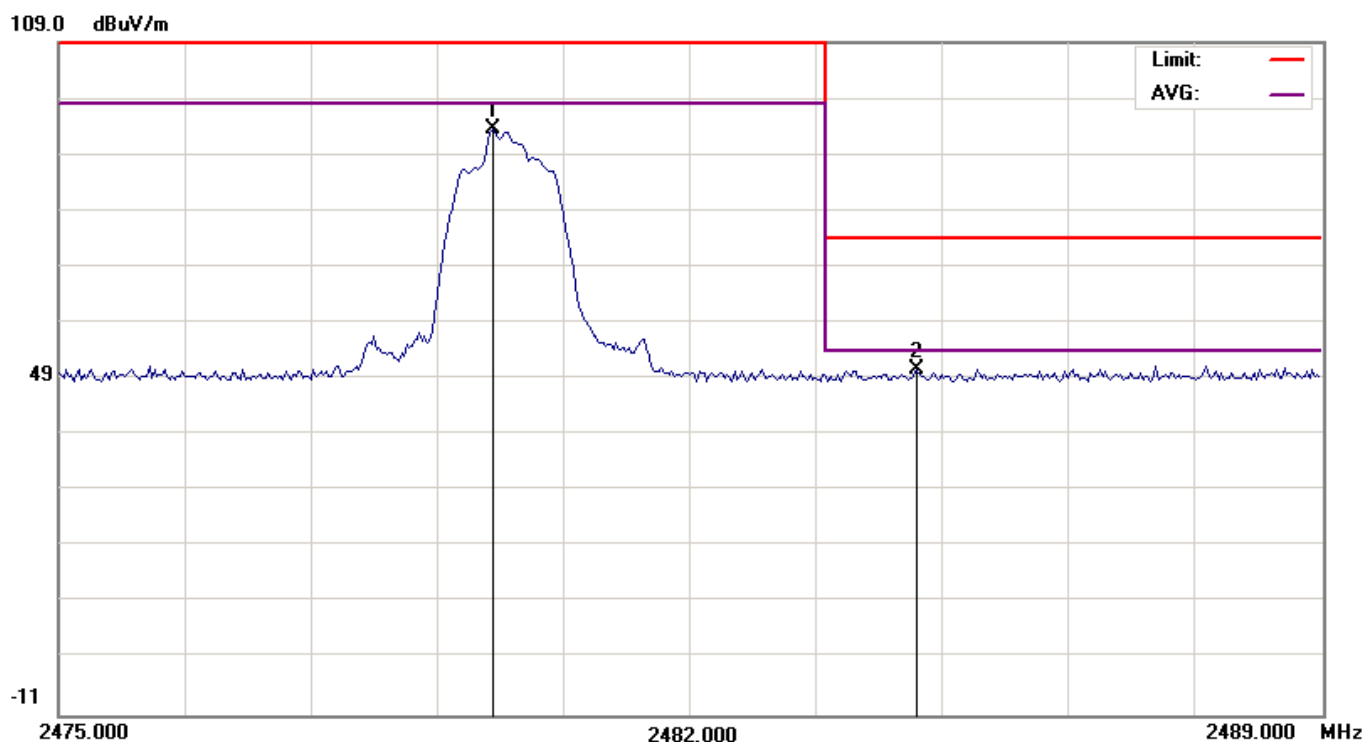


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB/m	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	2479.8160	81.54	11.86	93.40	118.00	-24.60	peak
2	2484.5200	38.91	11.86	50.77	74.00	-23.23	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2484.5200MHz is Carrier signal.

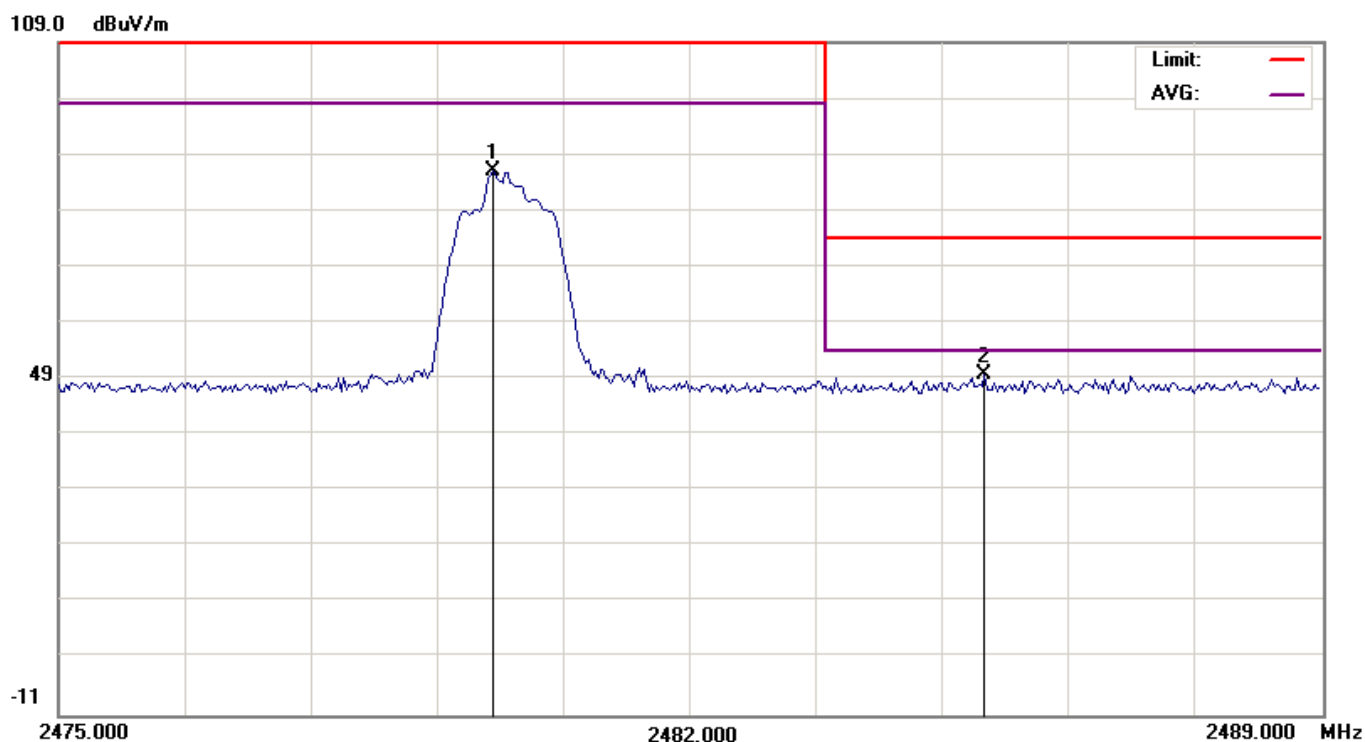


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2 - $\pi/4$ PSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB/m	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	2479.8160	75.77	10.24	86.01	118.00	-31.99	peak
2	2485.2760	39.59	10.24	49.83	74.00	-24.17	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2485.2760MHz is Carrier signal.

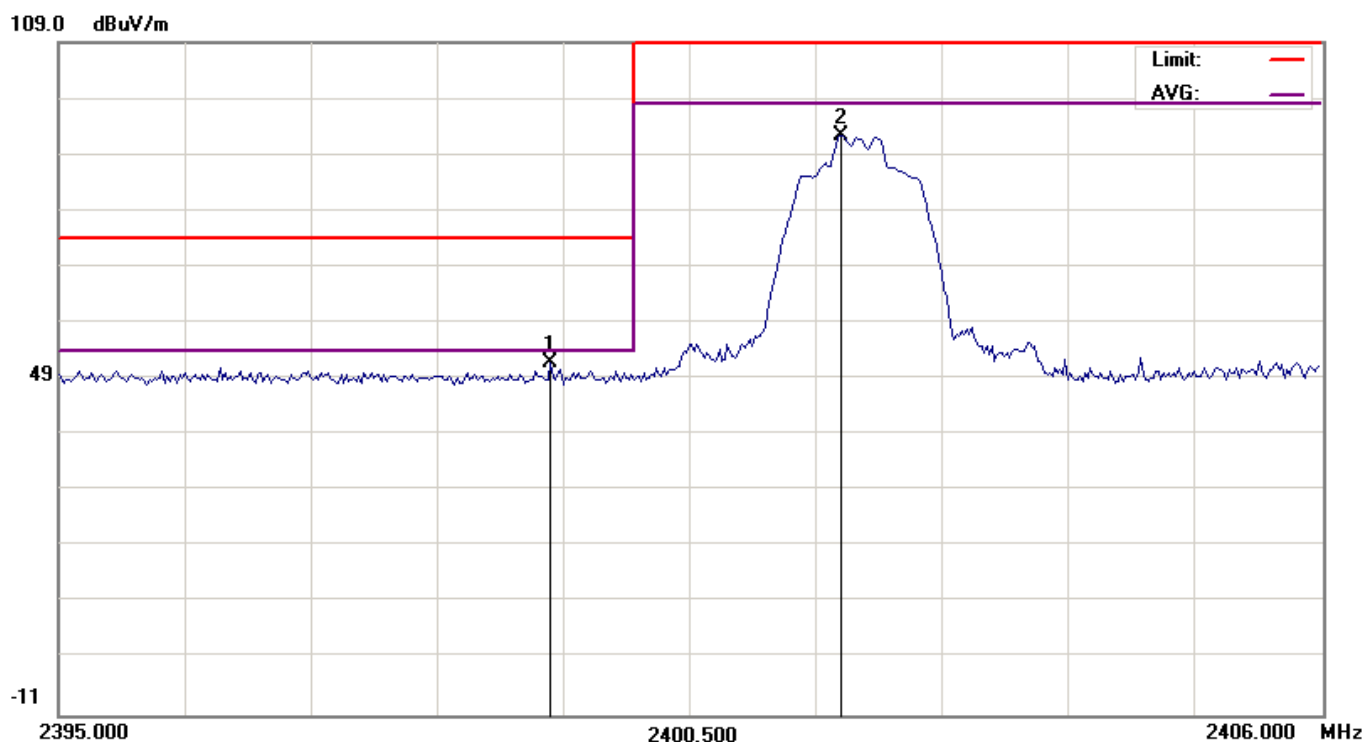


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2399.2900	39.92	11.82	51.74	74.00	-22.26	peak
2	2401.8200	80.45	11.82	92.27	118.00	-25.73	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
7. The No.1 2399.2900MHz is Carrier signal.

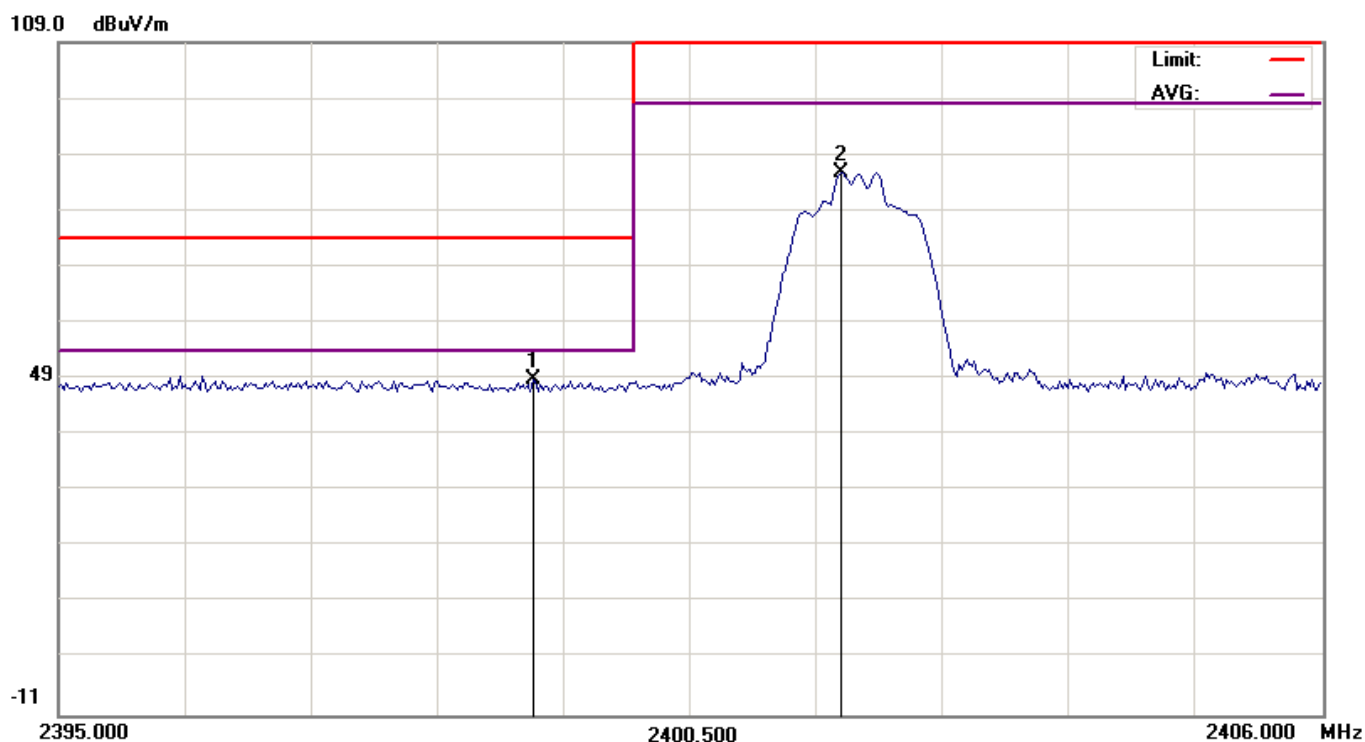


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2402 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2399.1360	38.76	10.21	48.97	74.00	-25.03	peak
2	2401.8200	75.52	10.21	85.73	118.00	-32.27	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
7. The No.1 2399.1360MHz is Carrier signal.

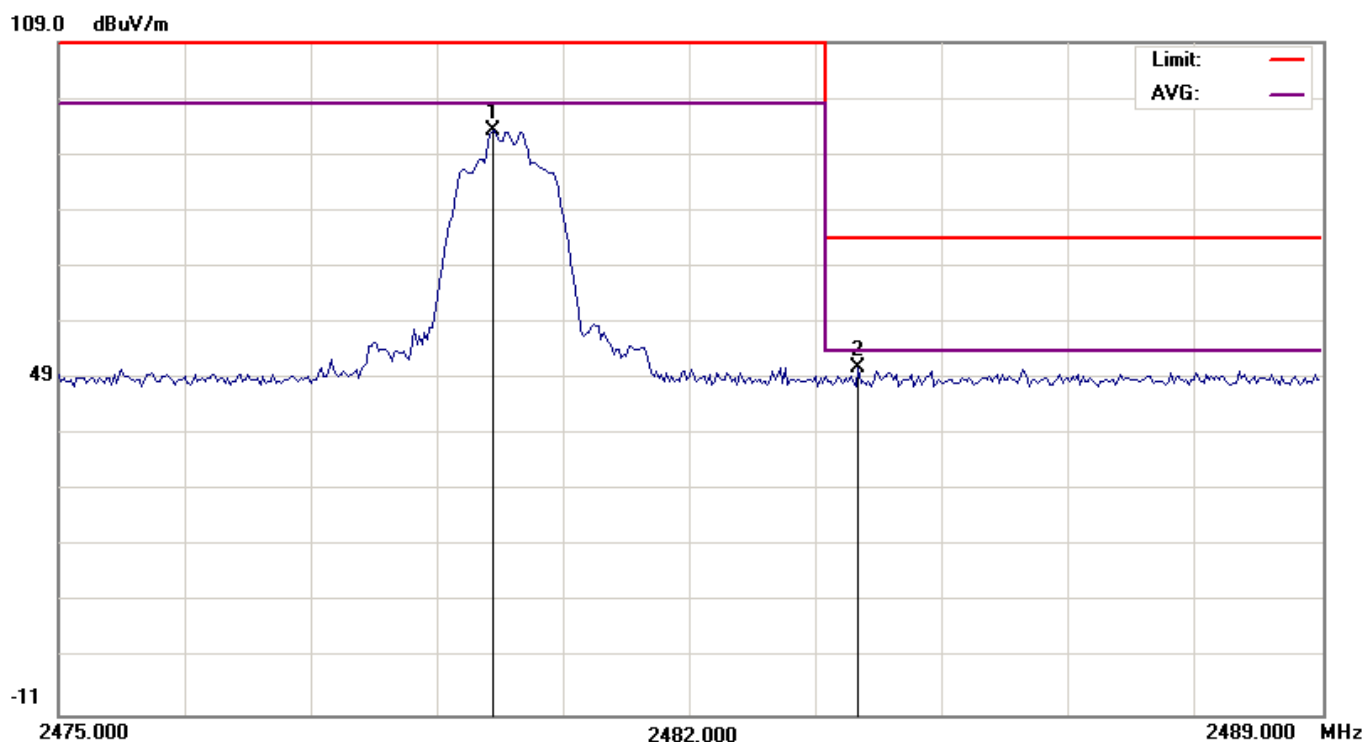


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Horizontal	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2479.8160	81.51	11.86	93.37	118.00	-24.63	peak
2	2483.8760	39.22	11.86	51.08	74.00	-22.92	peak

Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2483.8760MHz is Carrier signal.

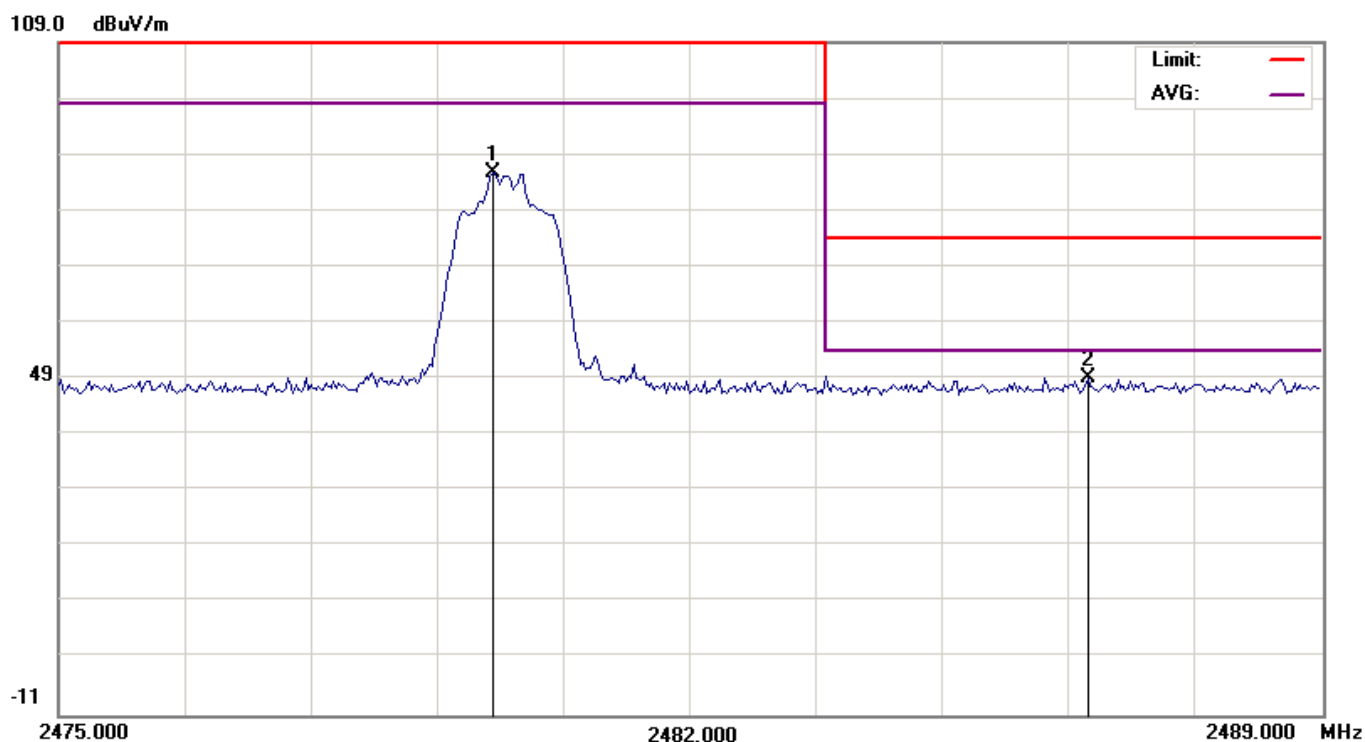


Date of Test	August 05, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3 -8DPSK	Display Pattern	Program
Antenna distance	3m at Vertical	Fundamental	2480 MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB/m	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	2479.8160	75.61	10.24	85.85	118.00	-32.15	peak
2	2486.4240	39.03	10.24	49.27	74.00	-24.73	peak

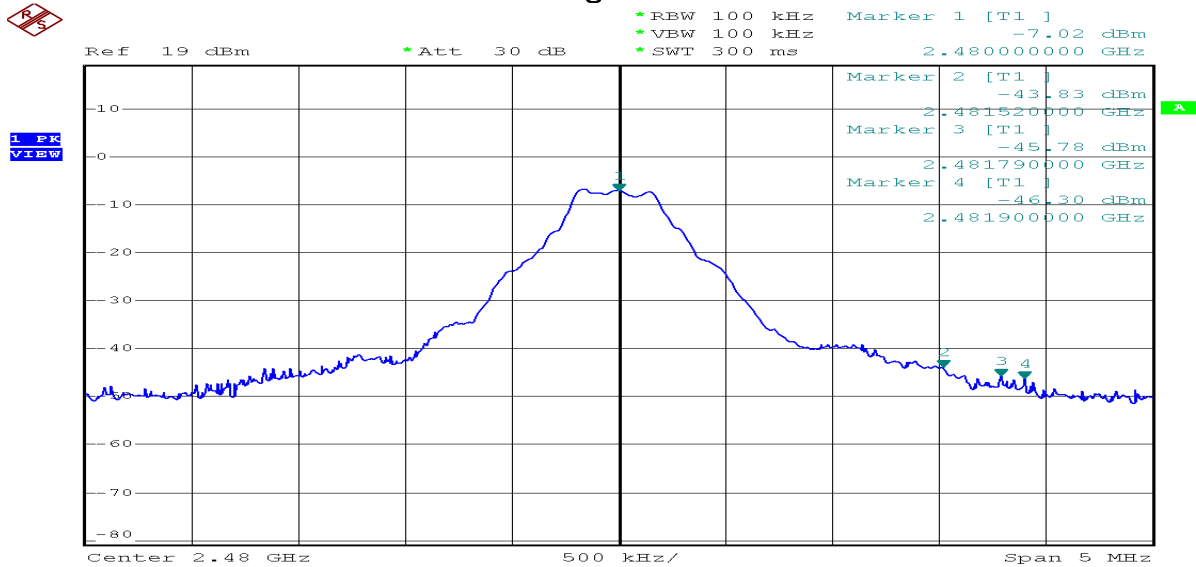
Remarks:

1. All Readings are Peak and Average value.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. The antenna height could have ± 1 cm tolerance and the turn table degree could have $\pm 1^\circ$ tolerance.
6. The measurement uncertainty is 1.19 dB.
- 7 The No.2 2486.4240MHz is Carrier signal.



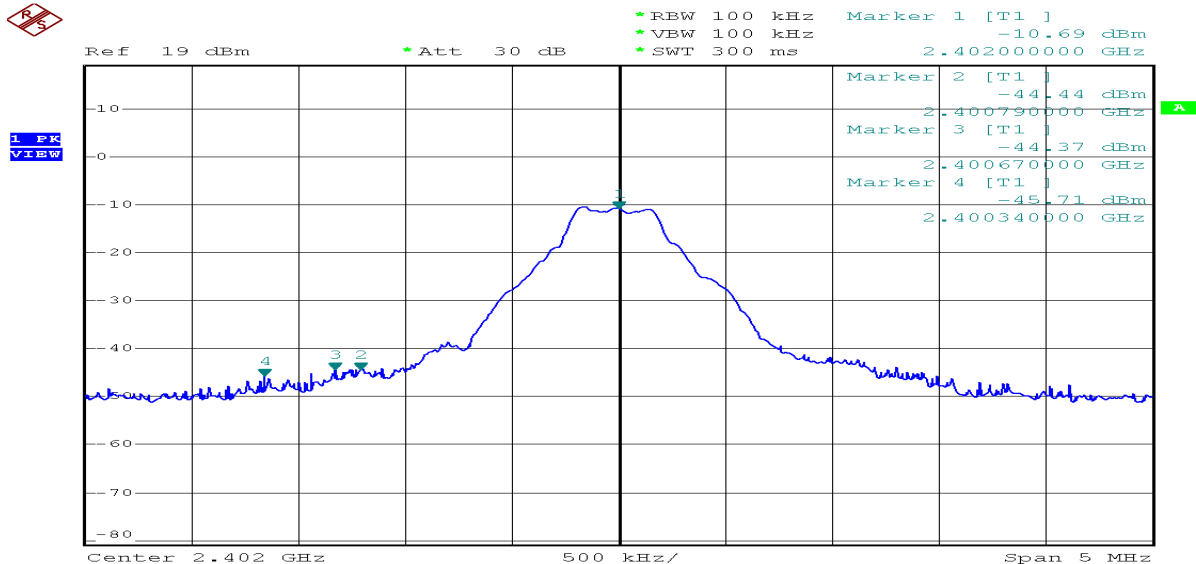
Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1-GFSK	Fundamental	CH-00 and CH-78 (2402~2480MHz)

High Band



Date: 26.JUL.2013 07:07:00

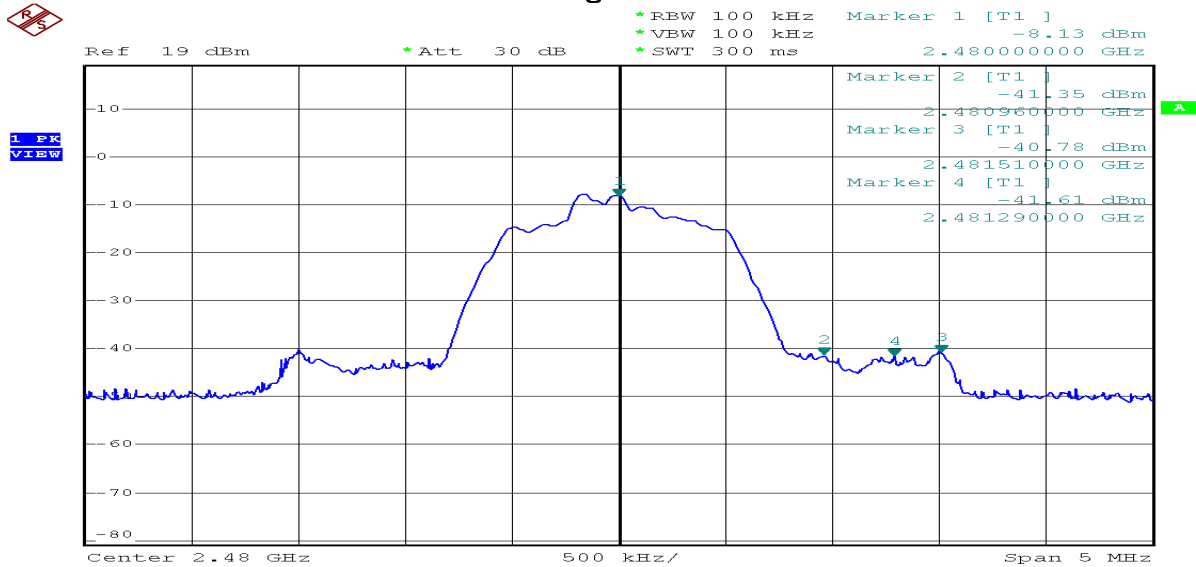
Low Band



Date: 26.JUL.2013 07:08:43

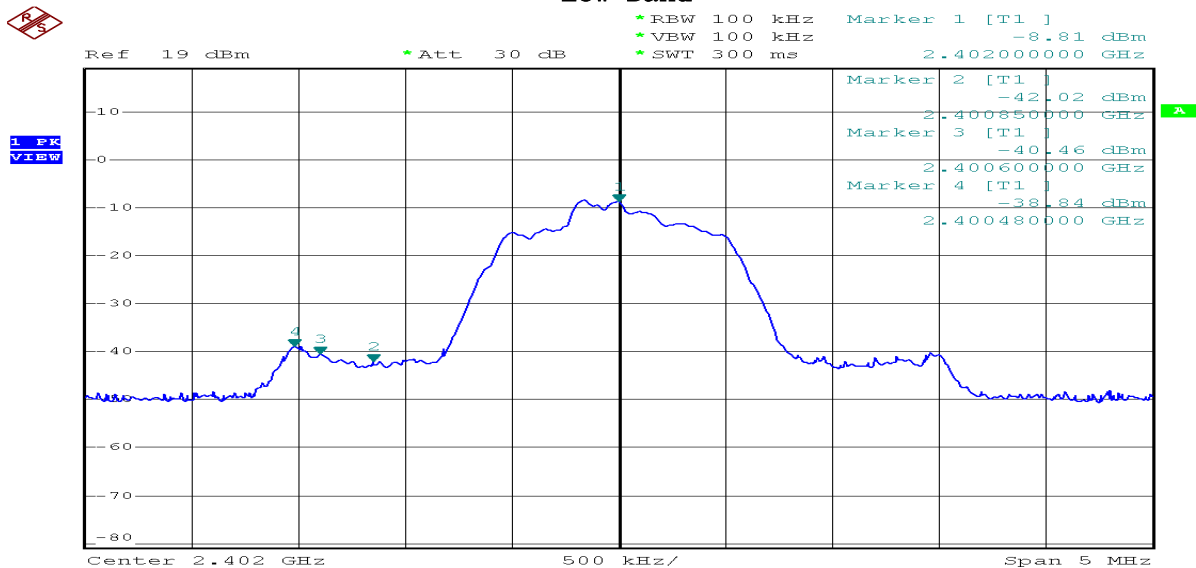
Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2- $\pi/4$ PSK	Fundamental	CH-00 and CH-78 (2402~2480MHz)

High Band



Date: 26.JUL.2013 07:23:20

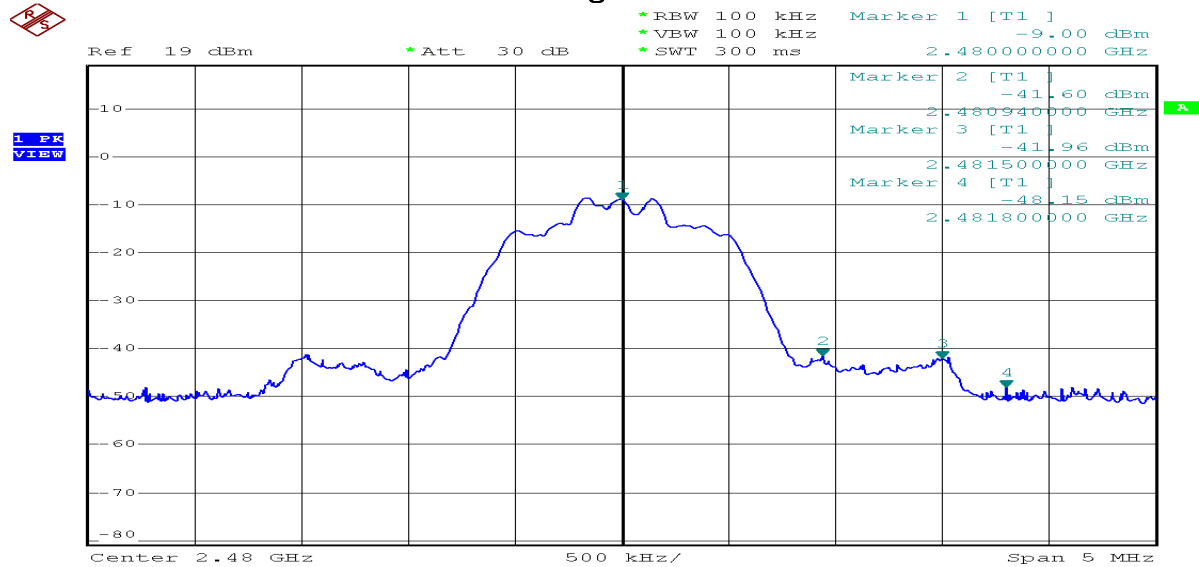
Low Band



Date: 26.JUL.2013 07:16:11

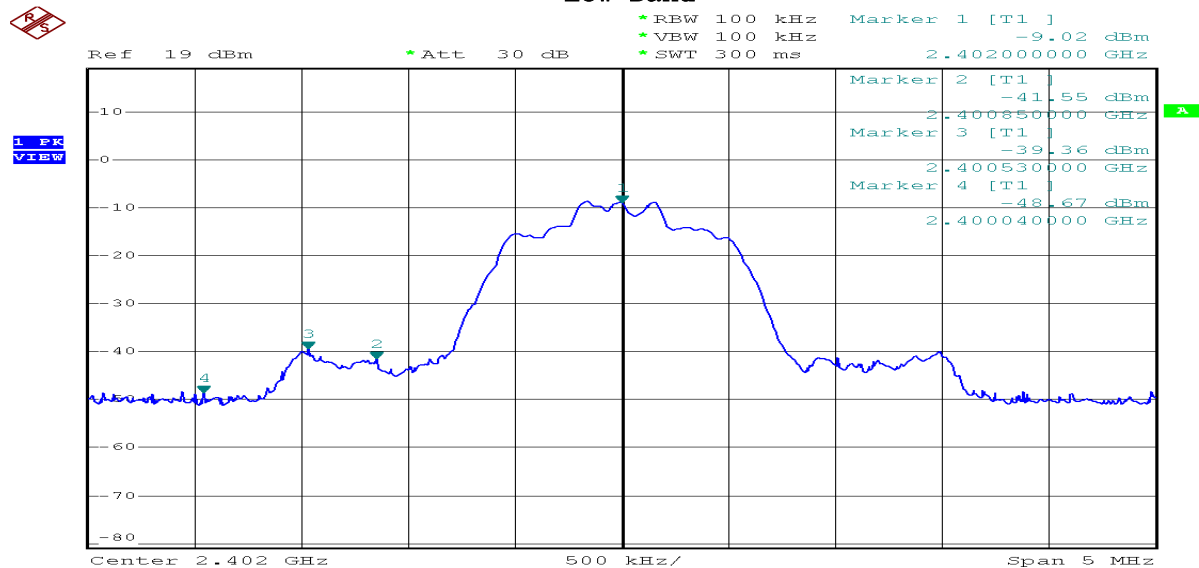
Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3-8DPSK	Fundamental	CH-00 and CH-78 (2402~2480MHz)

High Band



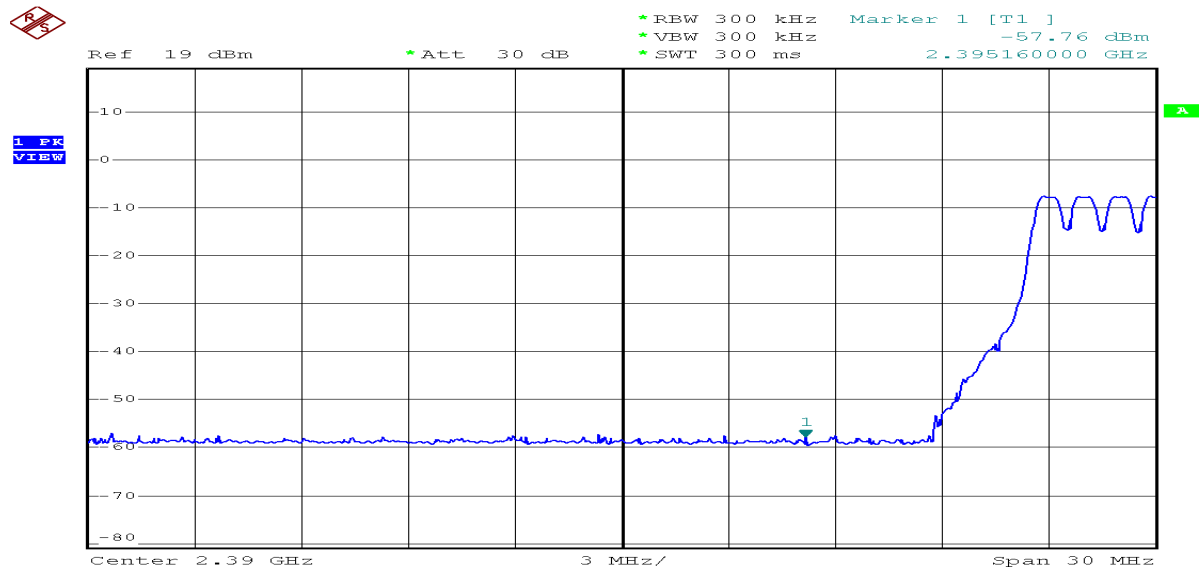
Date: 26.JUL.2013 07:54:09

Low Band



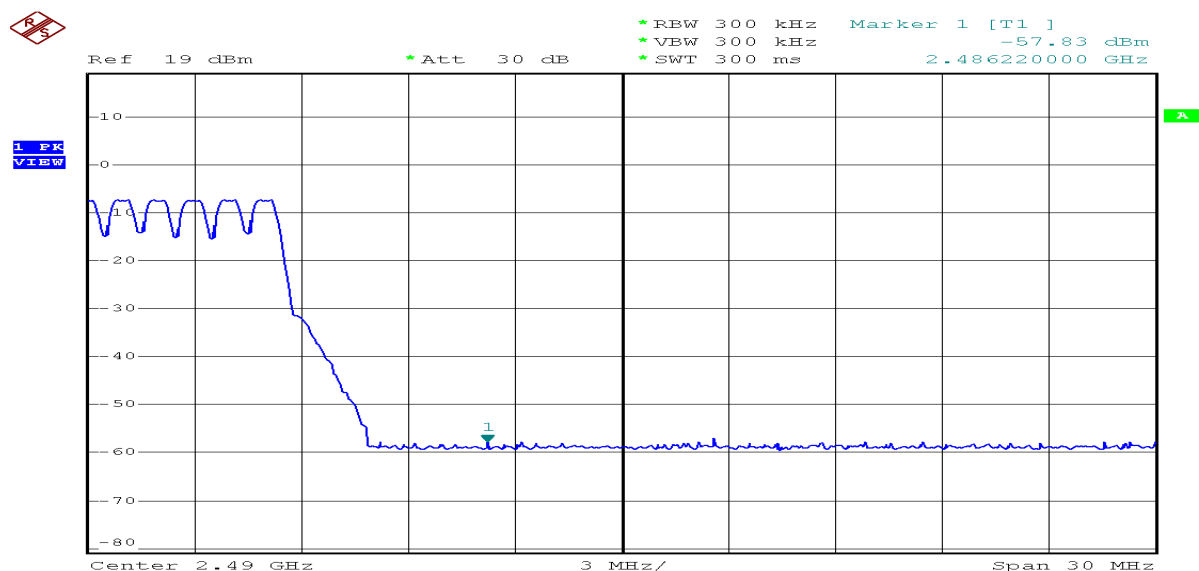
Date: 26.JUL.2013 07:52:41

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1-GFSK	Fundamental	2402MHz



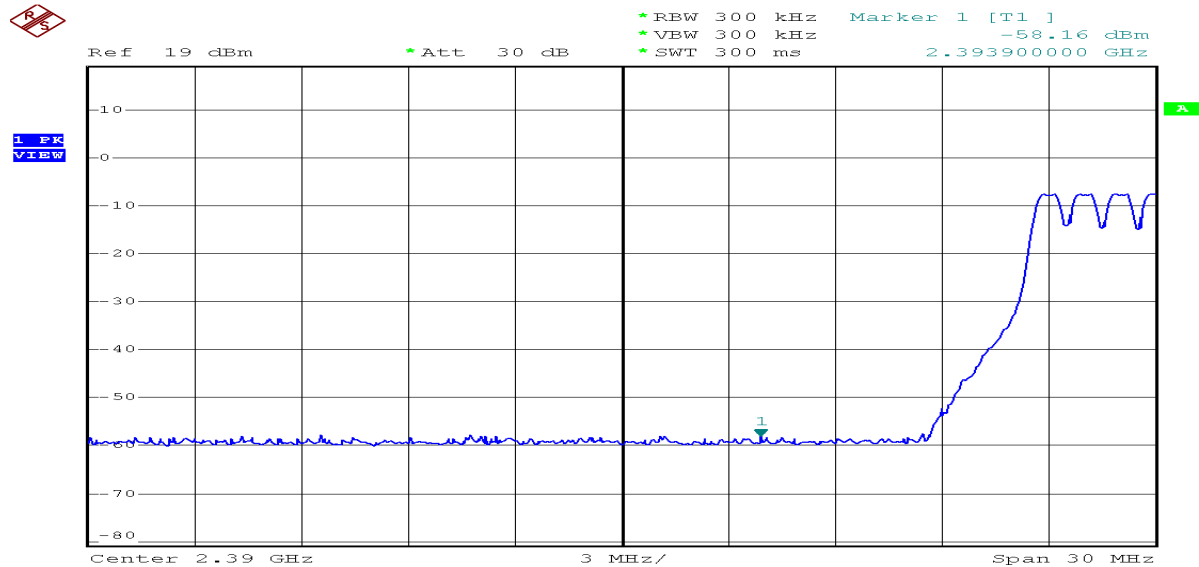
Date: 26.JUL.2013 10:17:10

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1-GFSK	Fundamental	2480MHz



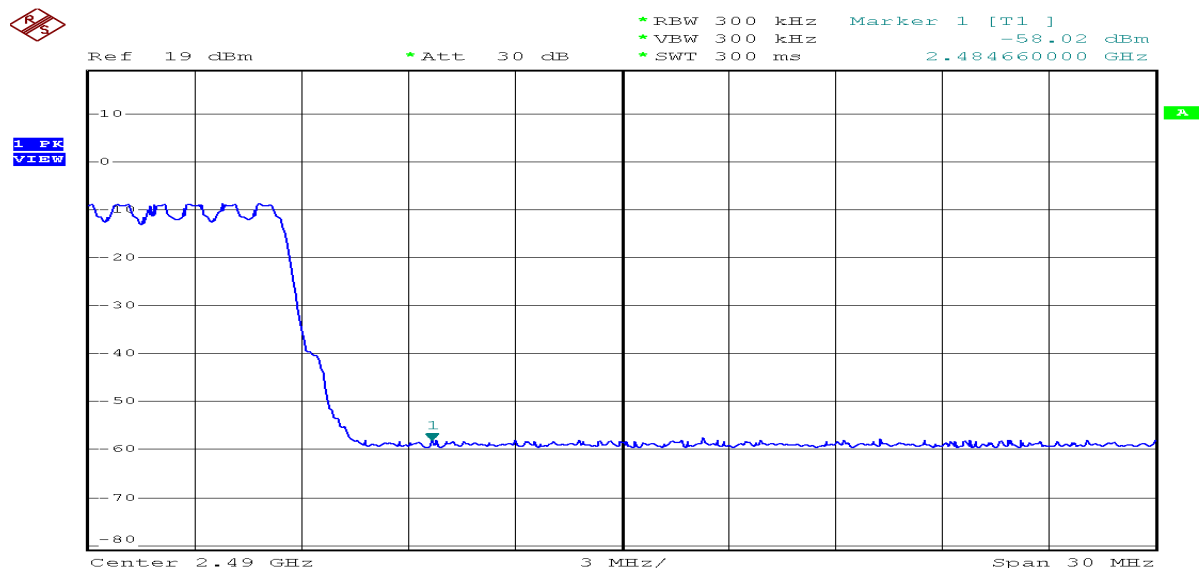
Date: 26.JUL.2013 10:11:51

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2- π /4 PSK	Fundamental	2402MHz



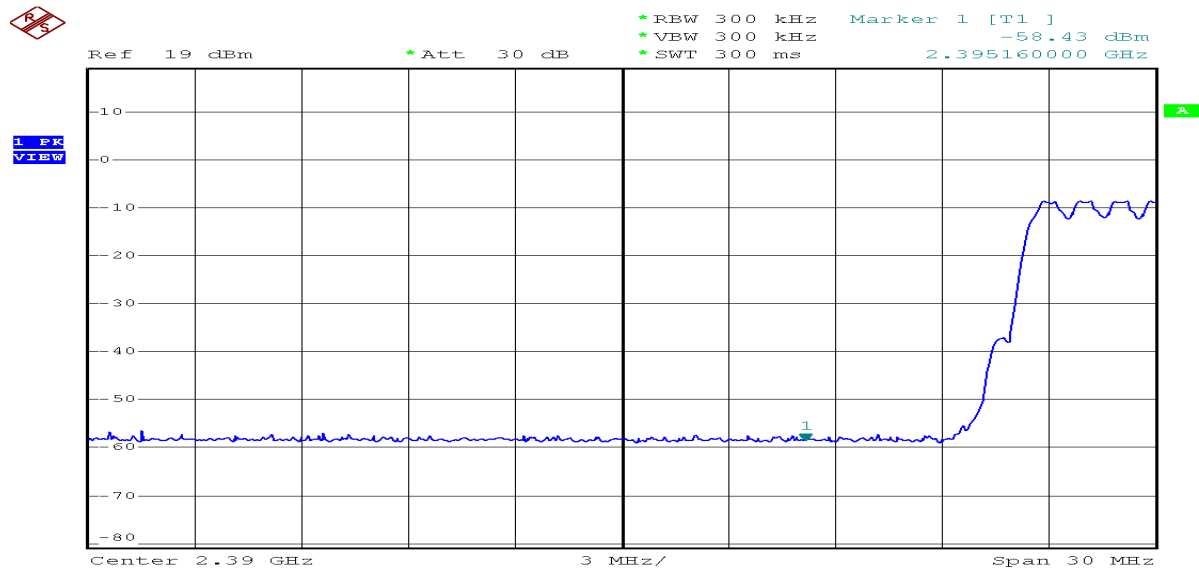
Date: 26.JUL.2013 09:56:05

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2- π /4 PSK	Fundamental	2480MHz



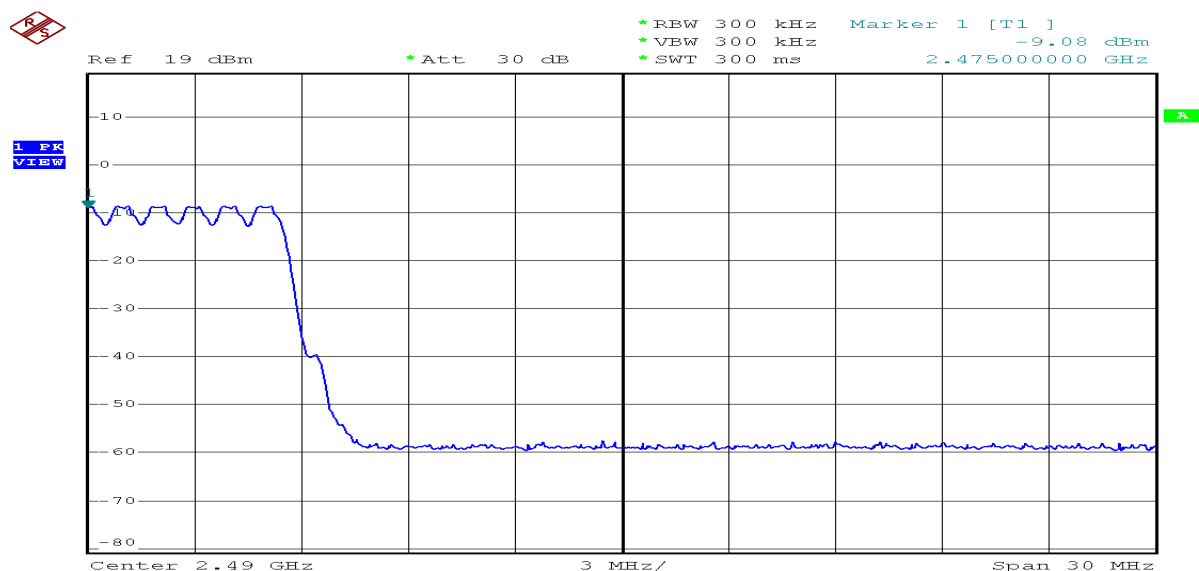
Date: 26.JUL.2013 10:03:12

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3-8DPSK	Fundamental	2402MHz



Date: 26.JUL.2013 10:37:35

Date of Test	July 26, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3-8DPSK	Fundamental	2480MHz



Date: 26.JUL.2013 10:42:39

7. OCCUPIED BANDWIDTH

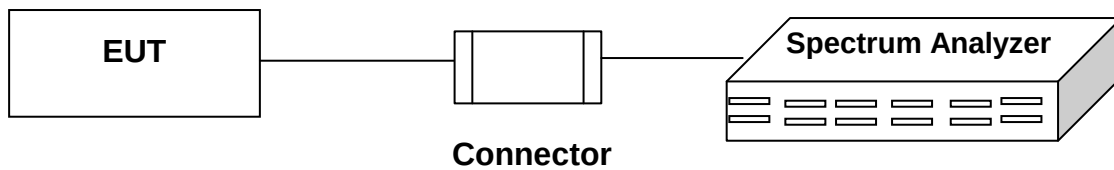
7.1 TEST EQUIPMENT

The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSL6	100517	2013.08.26

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

7.2 BLOCK DIAGRAM OF TEST SETUP



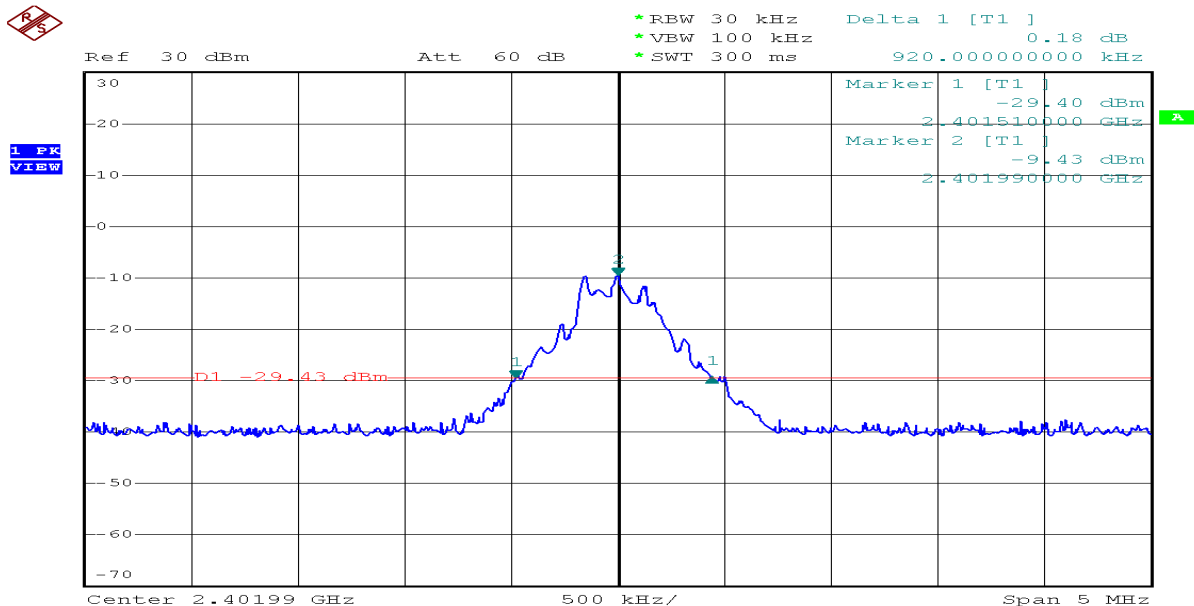
7.3 LIMIT

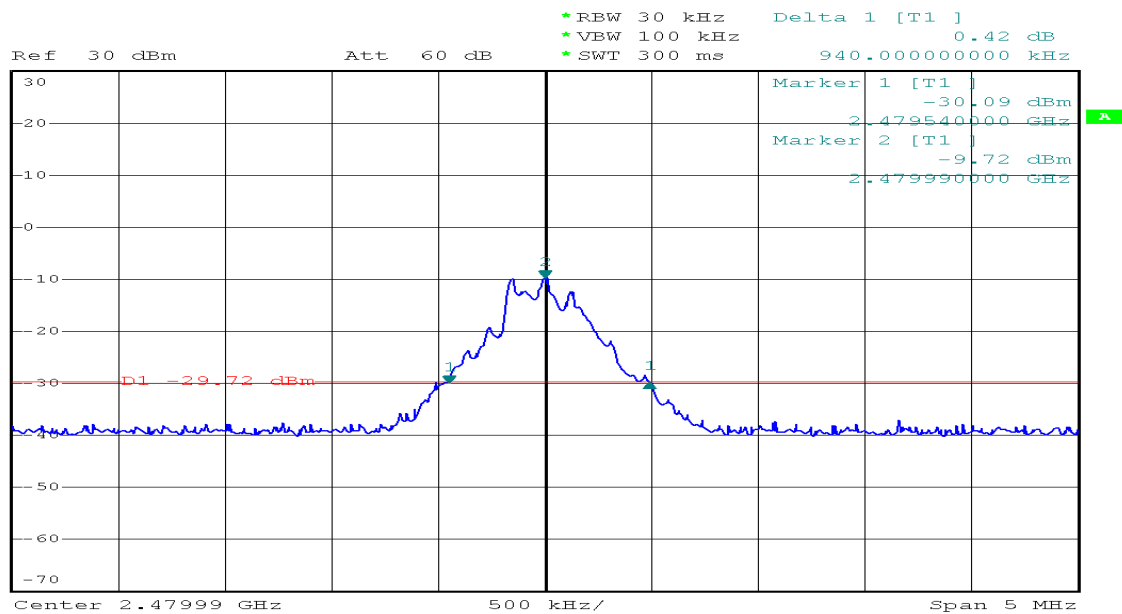
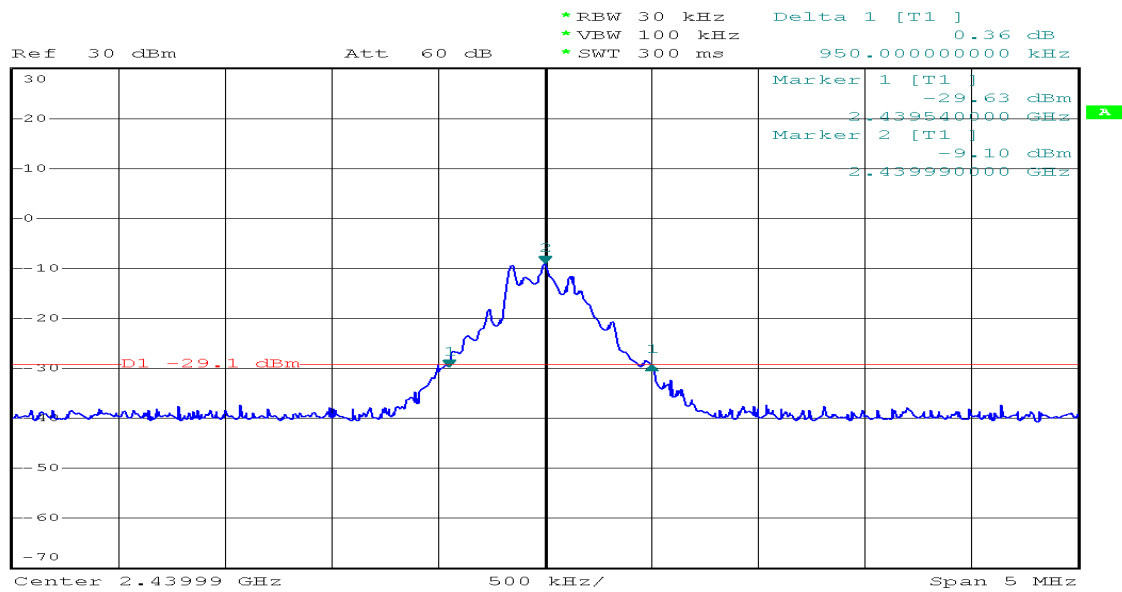
The maximum 20 dB bandwidth shall be measurement.

7.4 TEST RESULT

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1-GFSK	Display Pattern	Program

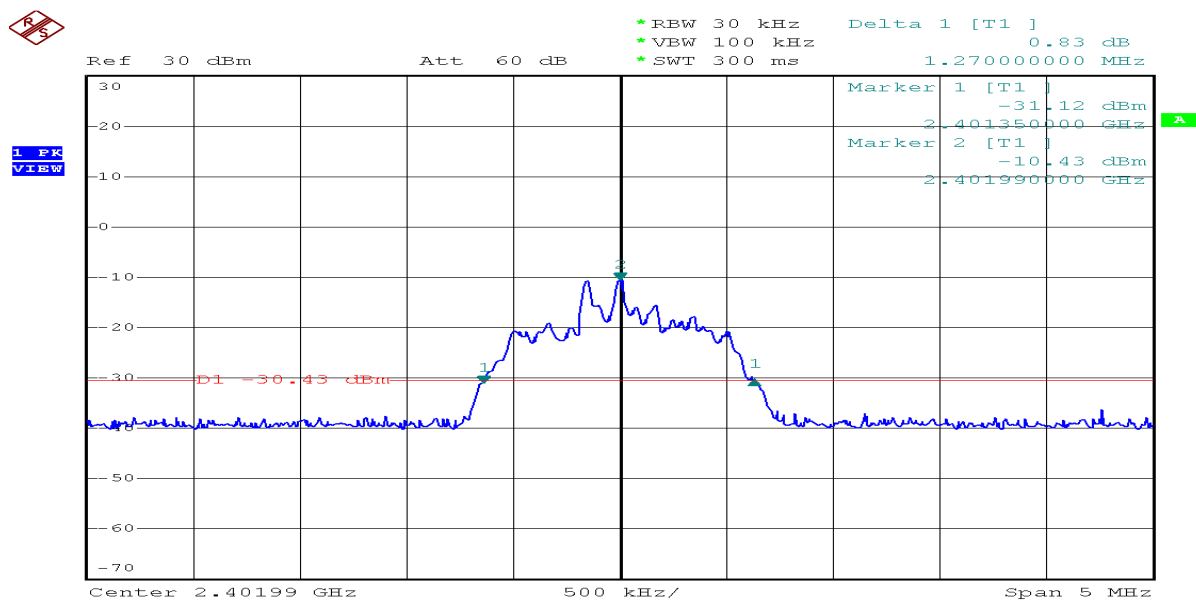
Channel No.	Frequency (MHz)	20dB Bandwidth (MHz)
00	2402	0.920
38	2440	0.950
78	2480	0.940





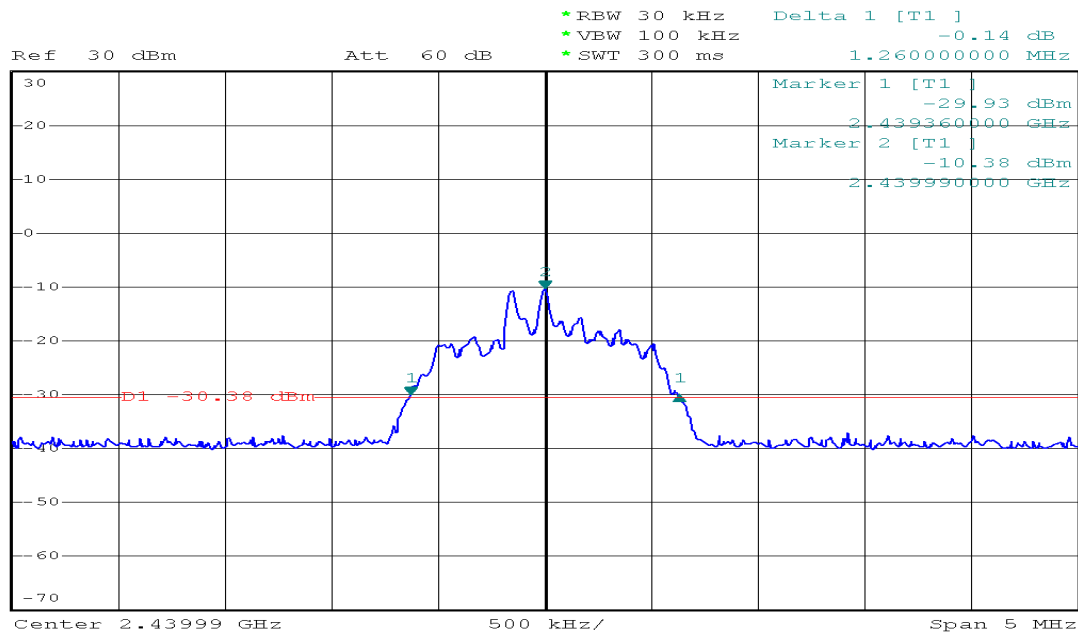
Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2- π /4 PSK	Display Pattern	Program

Channel No.	Frequency (MHz)	20dB Bandwidth (MHz)
00	2402	1.270
38	2440	1.260
78	2480	1.260

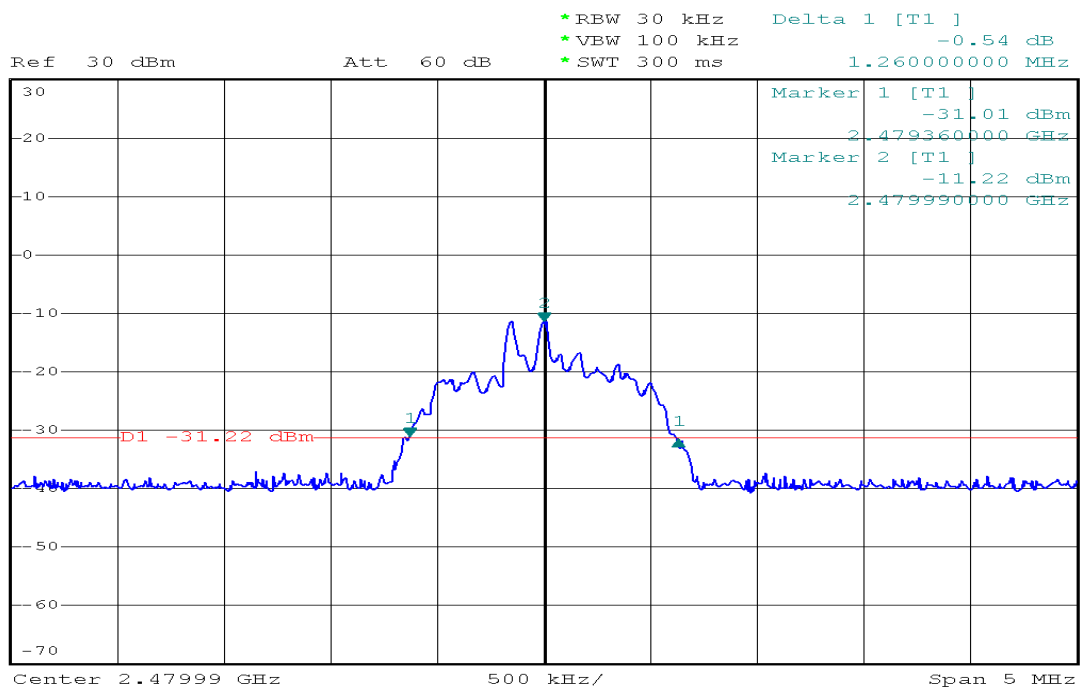




1 PK
VIEW

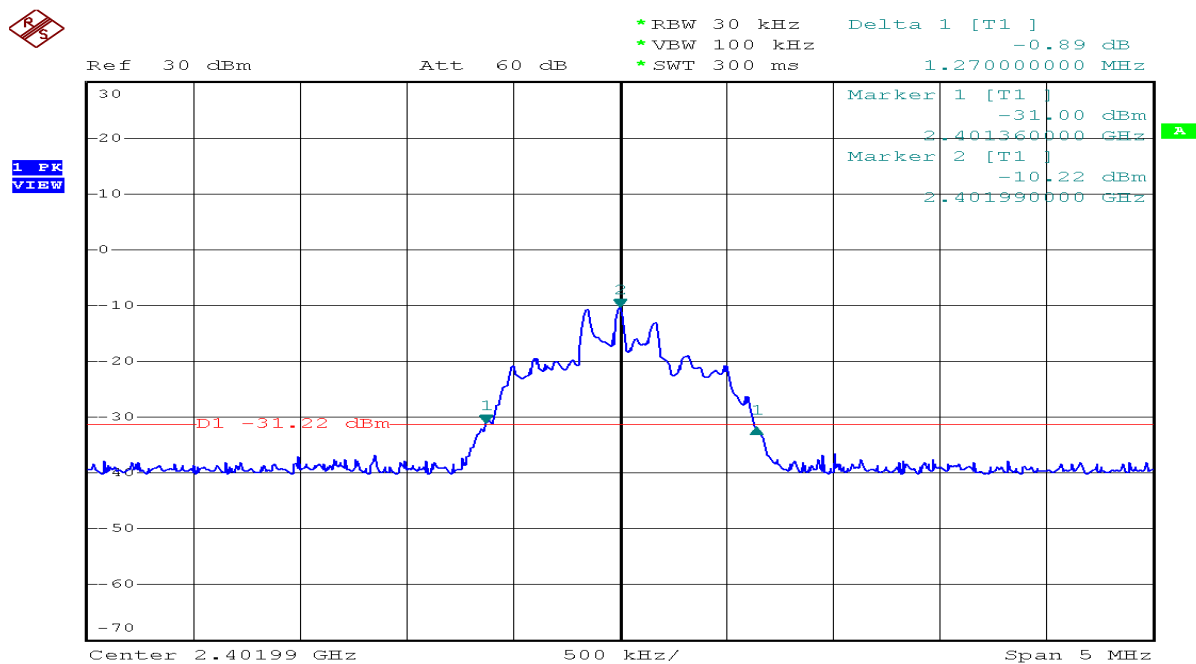


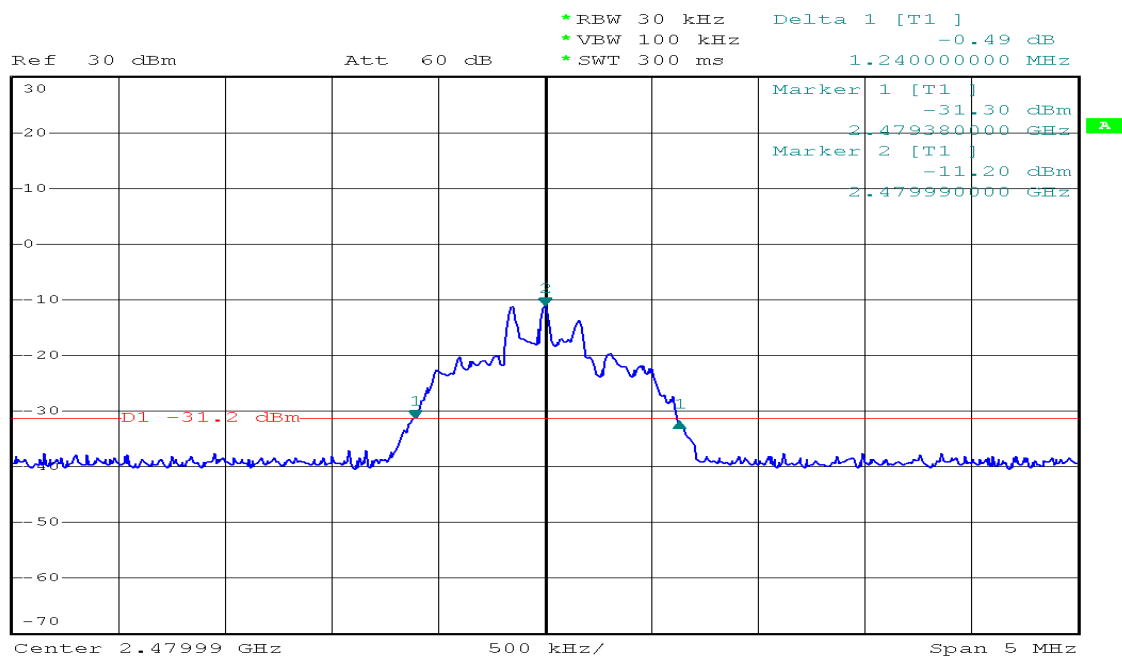
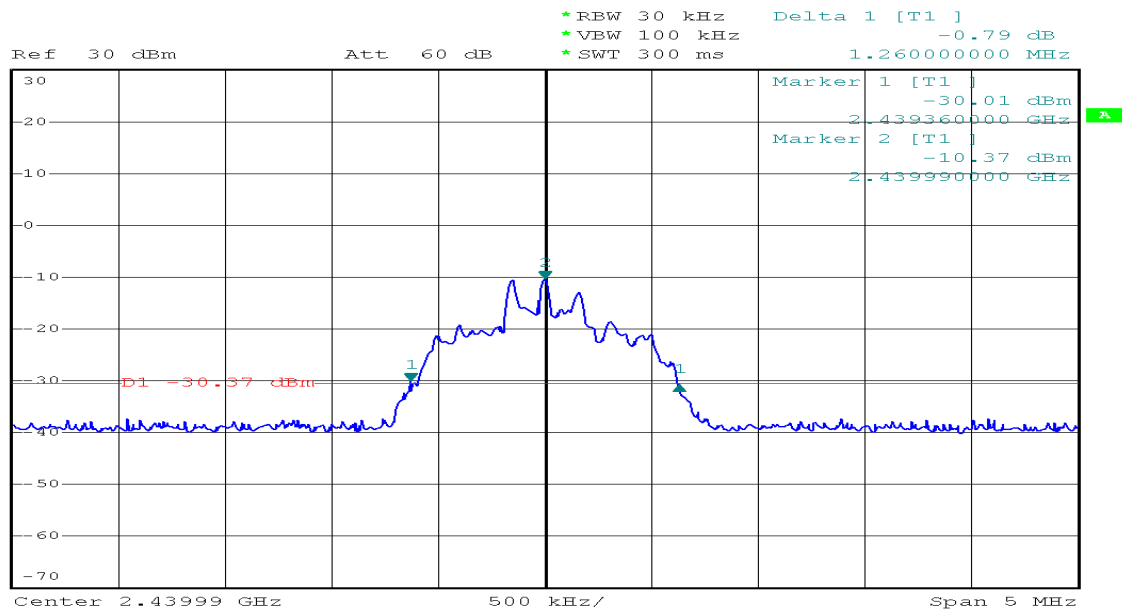
1 PK
VIEW



Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3-8DPSK	Display Pattern	Program

Channel No.	Frequency (MHz)	20dB Bandwidth (MHz)
00	2402	1.270
38	2440	1.260
78	2480	1.240





8. CHANNEL SEPARATION

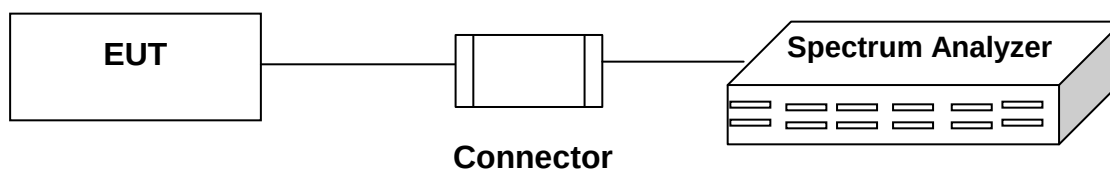
8.1 TEST EQUIPMENT

The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSL6	100517	2013.08.26

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

8.2 BLOCK DIAGRAM OF TEST SETUP



8.3 LIMIT

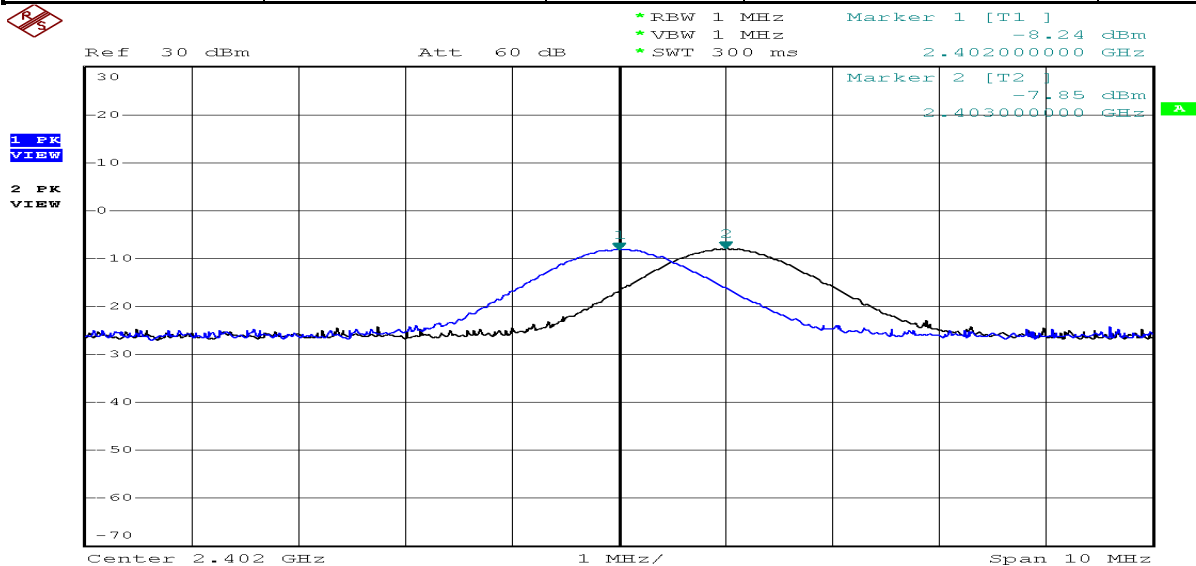
Frequency hopping systems shall have hopping channel carrier frequencies separated by minimum of 25kHz or the 20dB bandwidth of hopping channel, whichever is greater.

Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater,

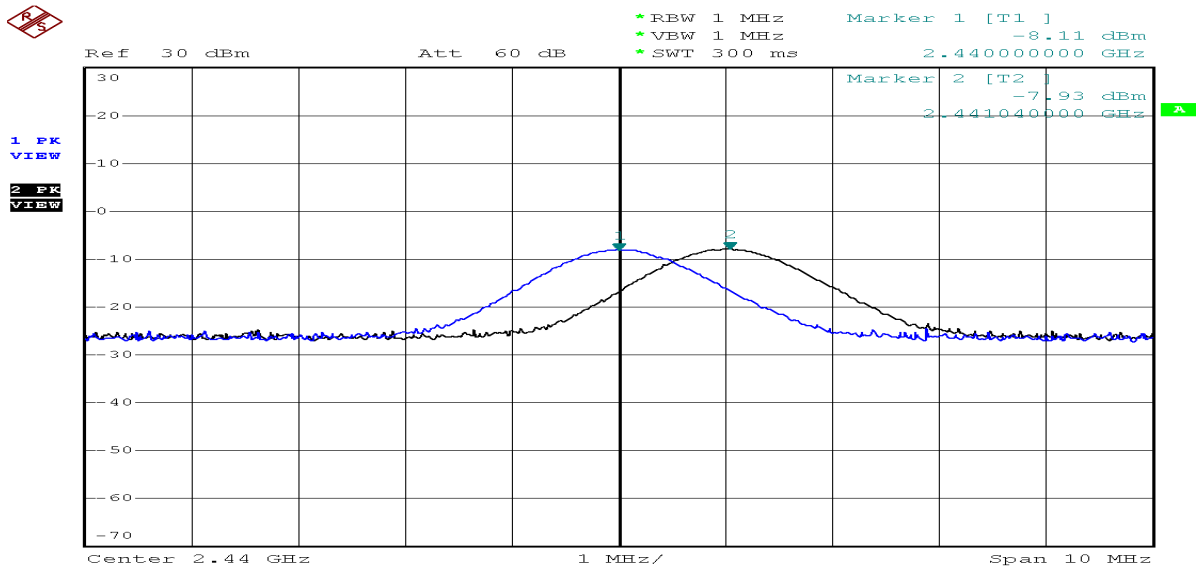
8.4 TEST RESULT

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1-GFSK	Display Pattern	Program

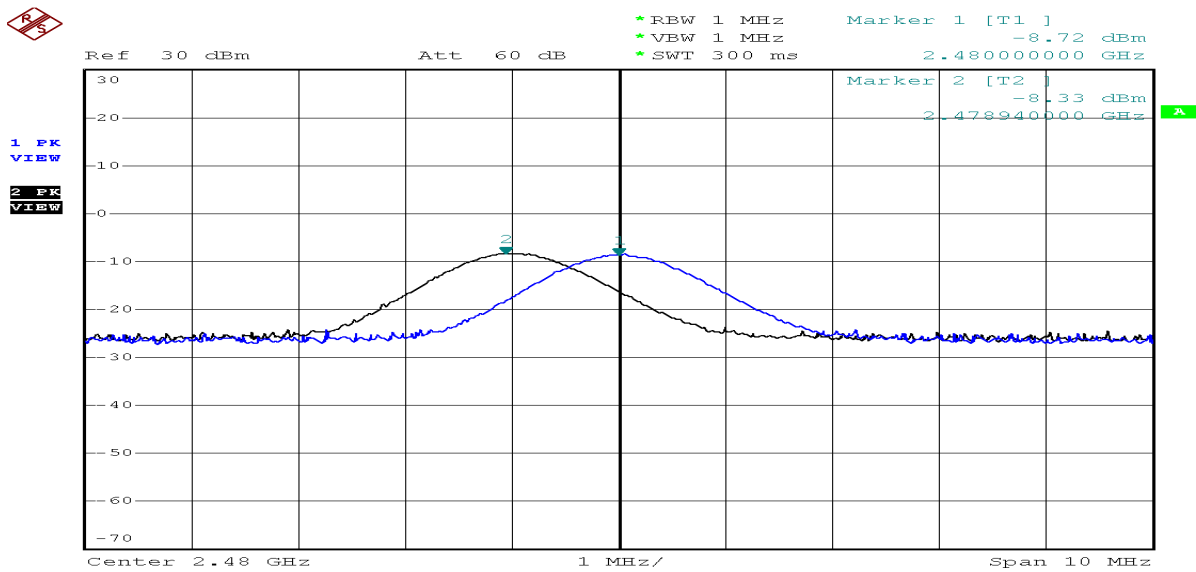
Test Channel No.	Channel Separated (kHz)	Limit (kHz)	Two-thirds of 20dB Bandwidth (kHz)	Result
00	1000	>25	>613	Pass
38	1040	>25	>633	Pass
78	1060	>25	>627	Pass



Date: 28.JUL.2013 07:32:09



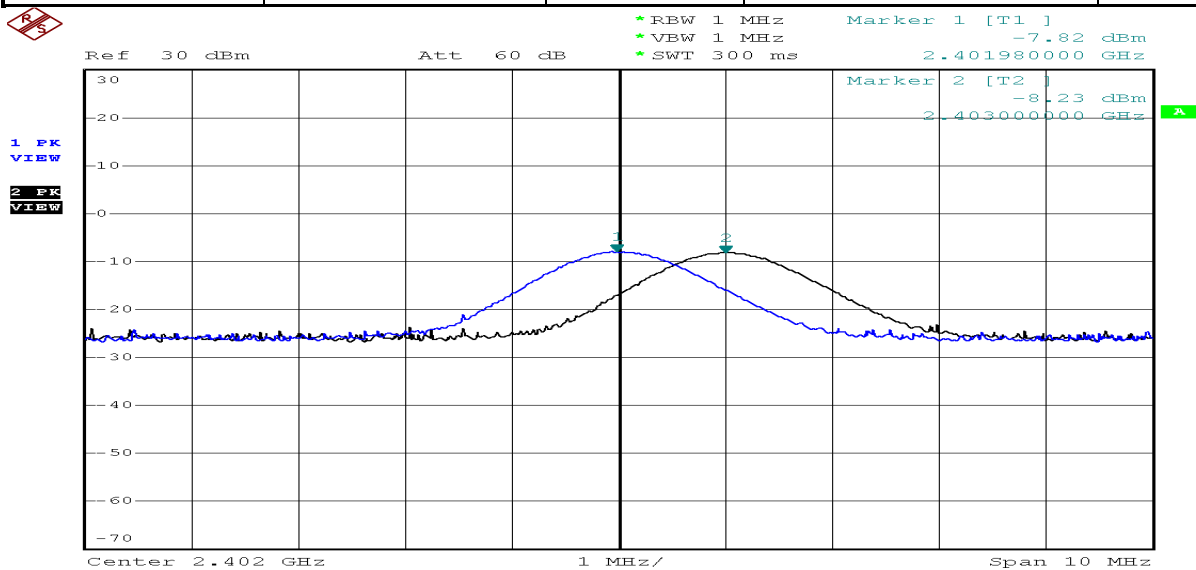
Date: 28.JUL.2013 07:34:52



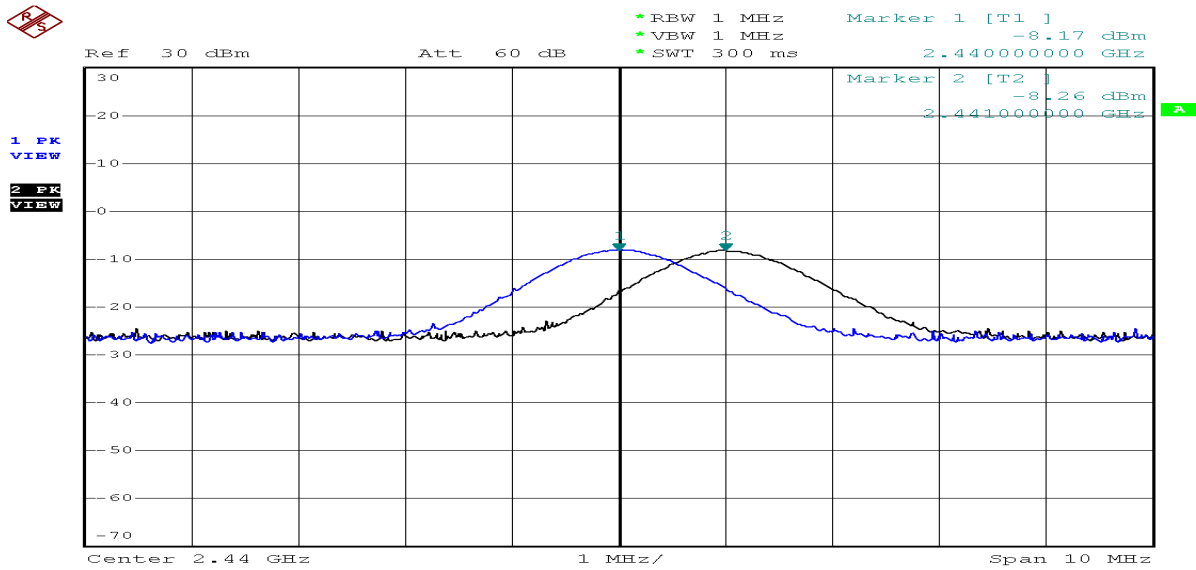
Date: 28.JUL.2013 07:36:58

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2- π /4 PSK	Display Pattern	Program

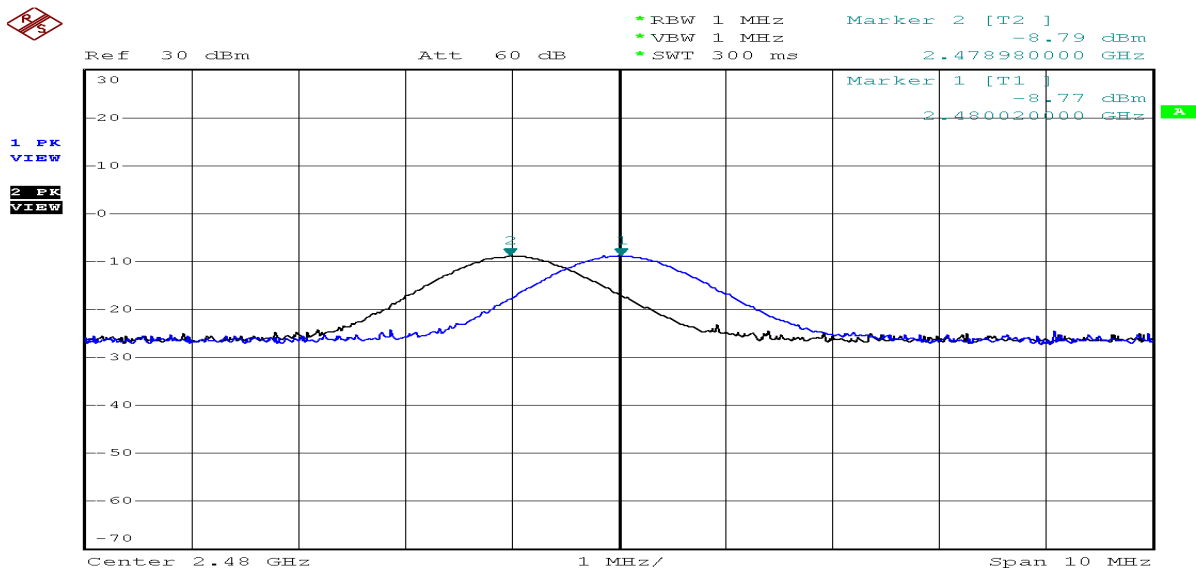
Test Channel No.	Channel Separated (kHz)	Limit (kHz)	Two-thirds of 20dB Bandwidth (kHz)	Result
00	1020	>25	>847	Pass
38	1000	>25	>840	Pass
78	1040	>25	>840	Pass



Date: 28.JUL.2013 07:39:28



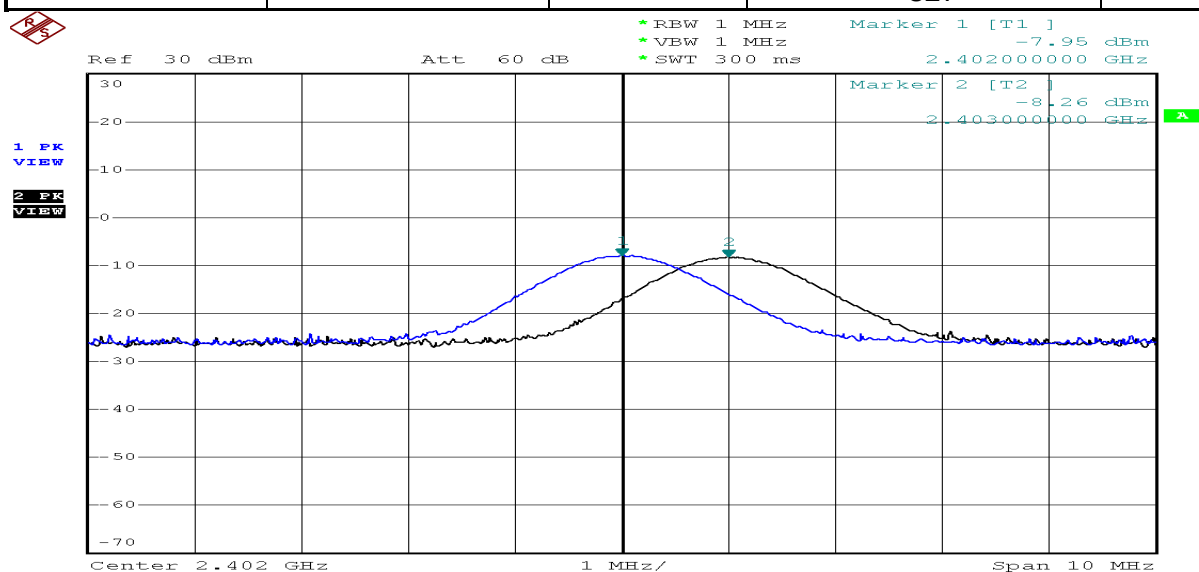
Date: 28.JUL.2013 07:41:53



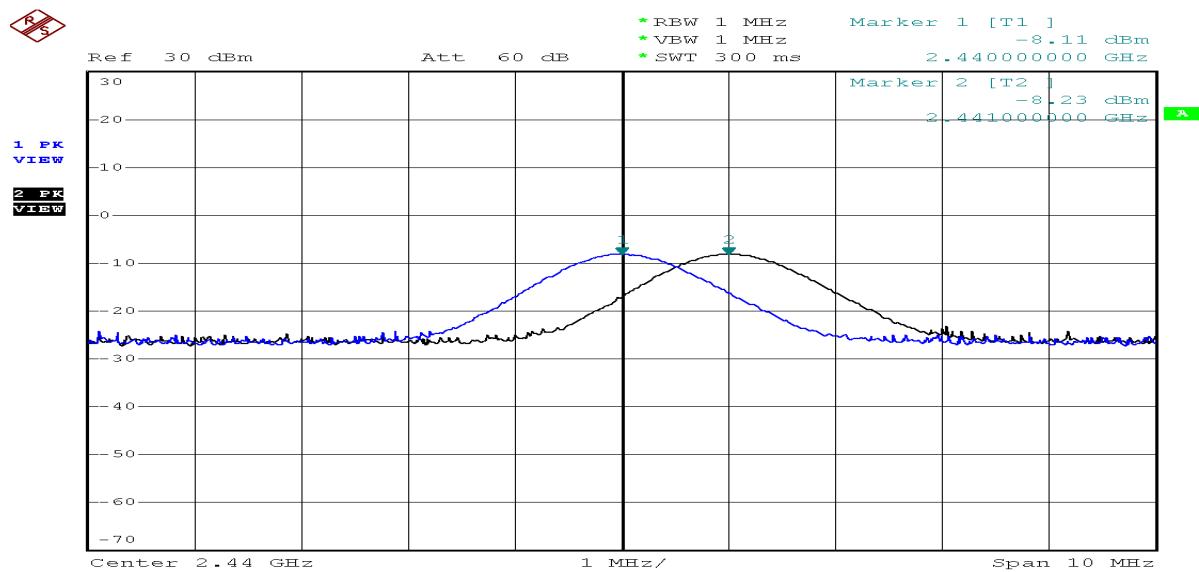
Date: 28.JUL.2013 07:44:15

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3-8DPSK	Display Pattern	Program

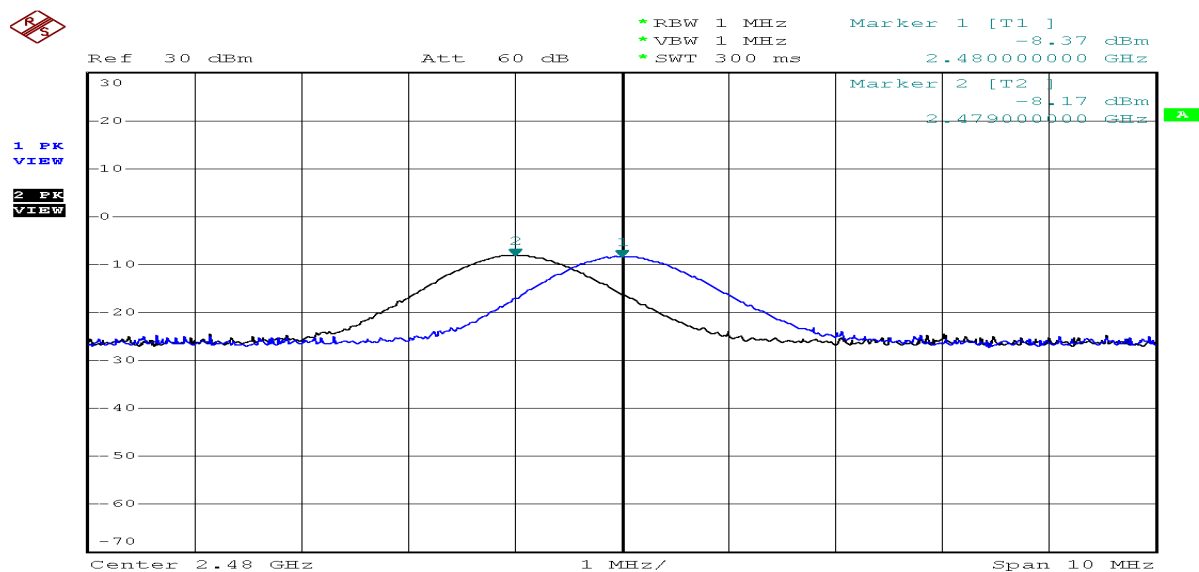
Test Channel No.	Channel Separated (kHz)	Limit (kHz)	Two-thirds of 20dB Bandwidth (kHz)	Result
00	1000	>25	>847	Pass
38	1000	>25	>840	Pass
78	1000	>25	>827	Pass



Date: 28.JUL.2013 07:46:54



Date: 28.JUL.2013 07:48:44



Date: 28.JUL.2013 07:51:45

9. DWELL TIME

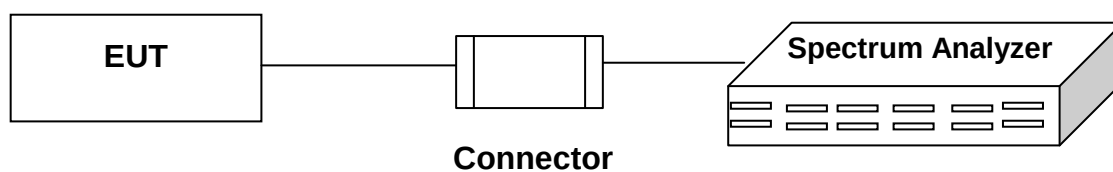
9.1 TEST EQUIPMENT

The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSL6	100517	2013.08.26

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

9.2 BLOCK DIAGRAM OF TEST SETUP



9.3 LIMIT

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by number of hopping channels employed.

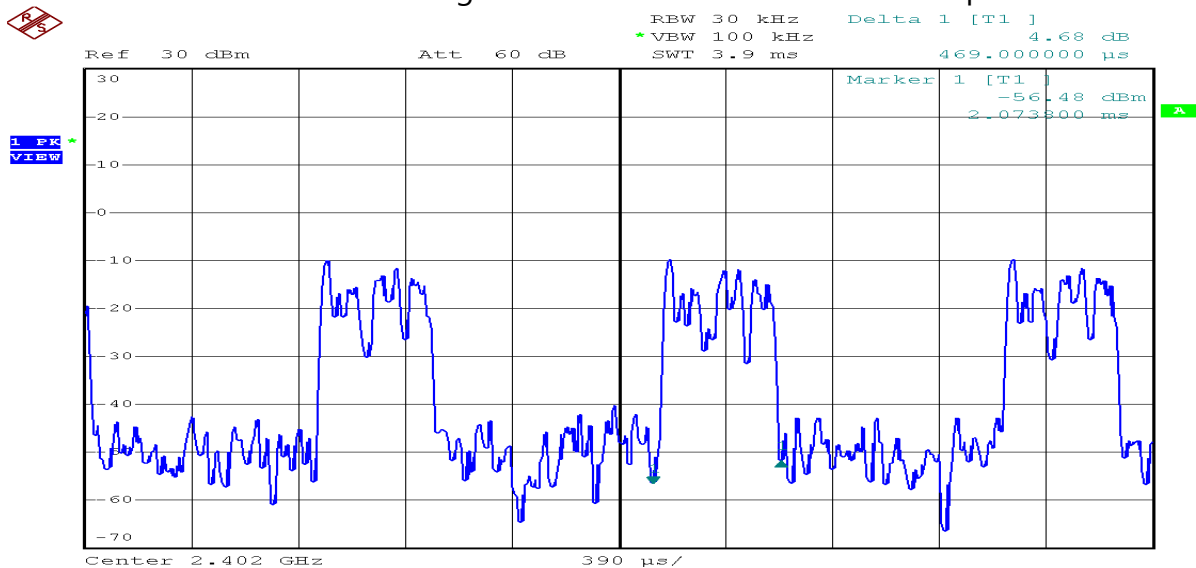
9.4 TEST RESULT

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	GFSK	Test Frequency Range	2402 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 469(μs) = 0.000469 (sec) ※ Dwell Time = 0. 000469 (sec) x 320 (times) = 0.15008(sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.

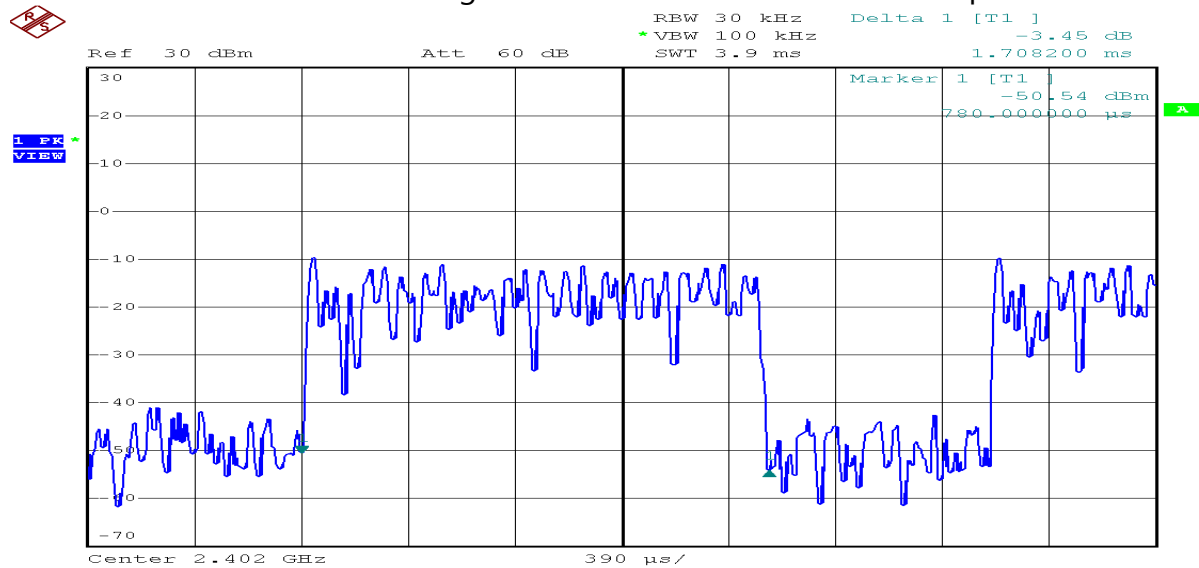


Date: 28.JUL.2013 09:46:32

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1708.2(μs) = 0.0017082(sec)	< 0.4	Pass
※ Dwell Time = 0.0017082(sec) x 160 (times) = 0.273312(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

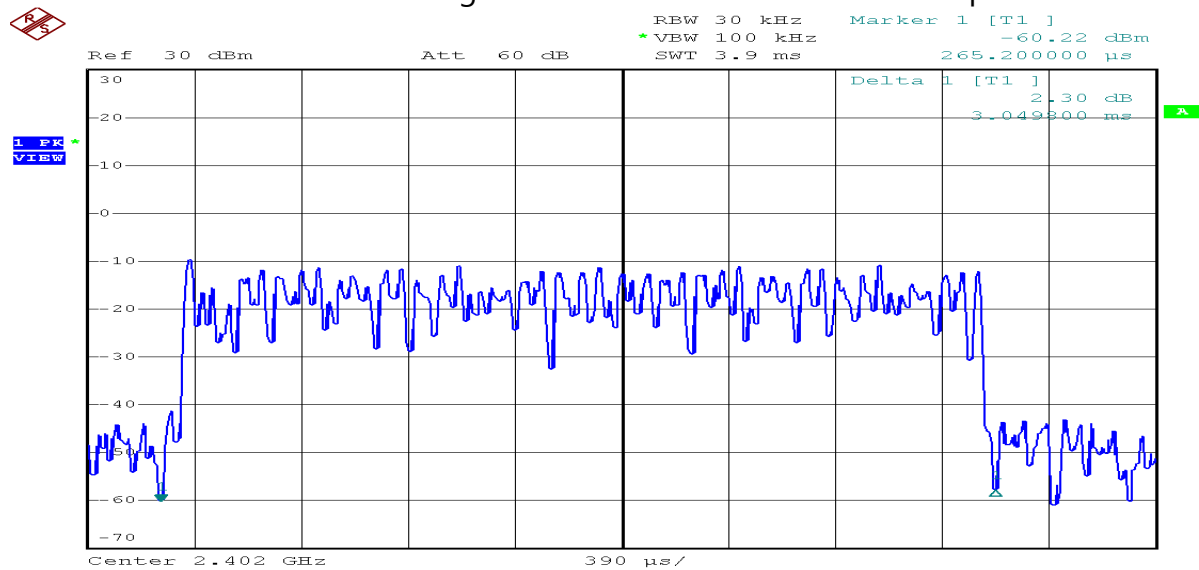


Date: 28.JUL.2013 09:49:20

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3049.8(μs) = 0.0030498(sec)	< 0.4	Pass
※ Dwell Time = 0.0030498 (sec) x 107 (times) = 0.3263286 (sec)		

Note: Dwell time = time slot length * number of transmission in the period.



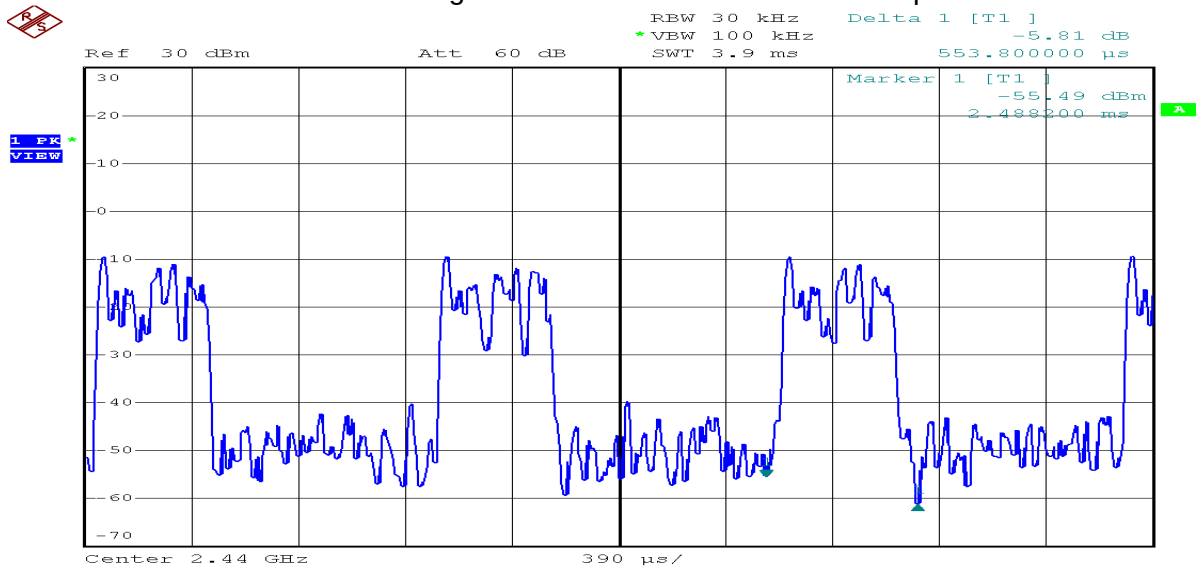
Date: 28.JUL.2013 09:50:47

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	GFSK	Test Frequency Range	2440 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 553.8 (μs) = 0.0005538 (sec)	< 0.4	Pass
※ Dwell Time = 0. 0005538 (sec) x 320 (times) = 0.177216 (sec)		

Note: Dwell time = time slot length * number of transmission in the period.

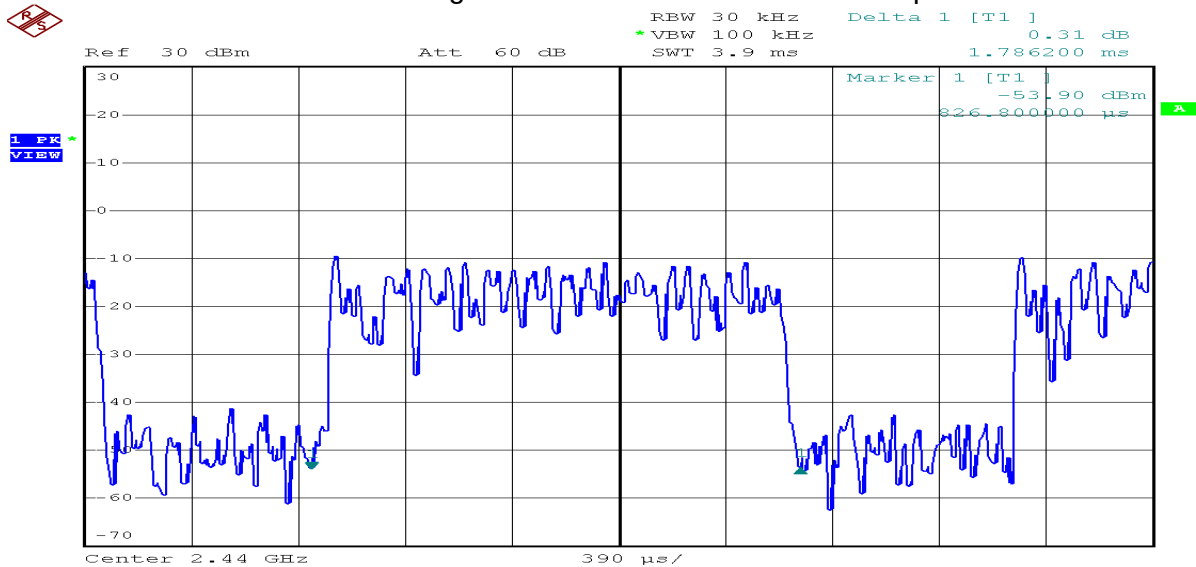


Date: 28.JUL.2013 09:54:25

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1786.2(μs) = 0.0017862 (sec)	< 0.4	Pass
※ Dwell Time = 0.0017862(sec) x 160 (times) = 0.285792(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

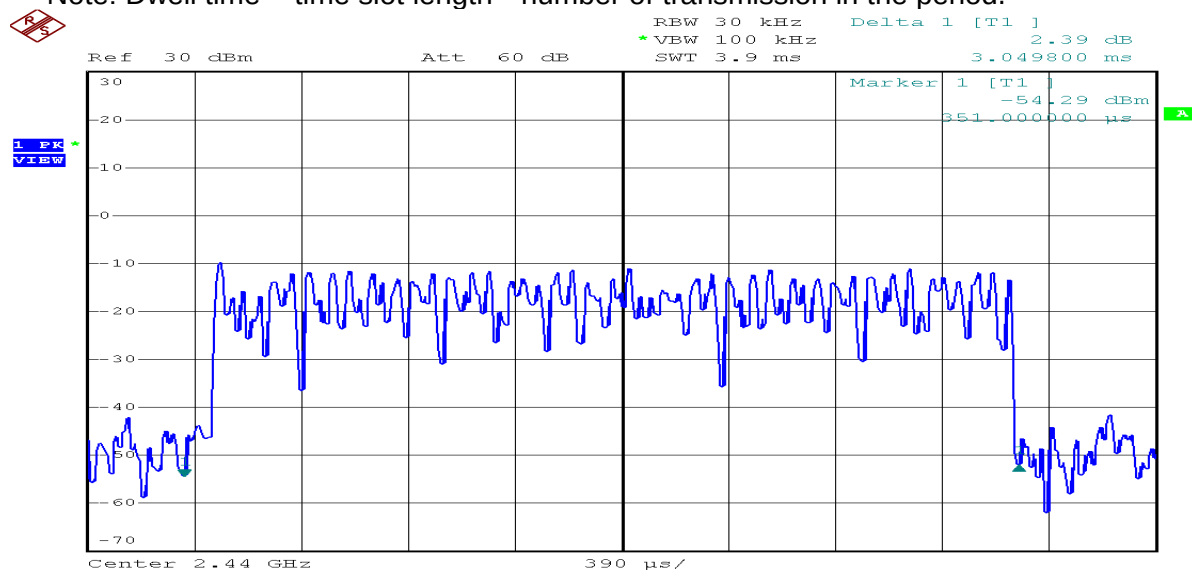


Date: 28.JUL.2013 09:56:31

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3049.8 (μs) = 0.0030498(sec)	< 0.4	Pass
※ Dwell Time = 0.0030498 (sec) x 107 (times) = 0.3263286(sec)		

Note: Dwell time = time slot length * number of transmission in the period.



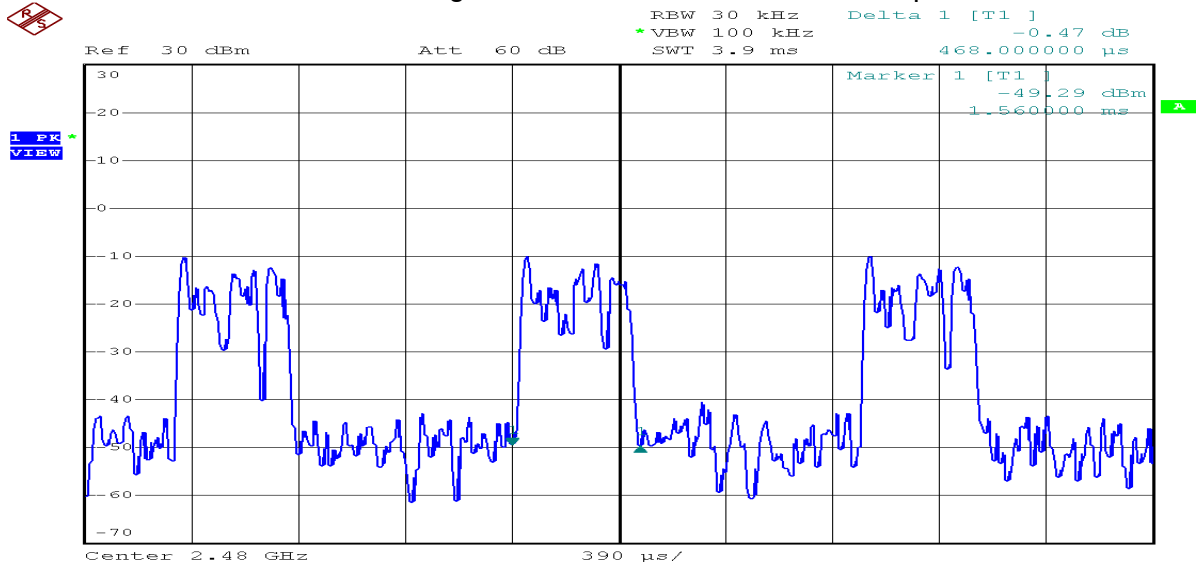
Date: 28.JUL.2013 10:01:32

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	GFSK	Test Frequency Range	2480 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 468(μs) = 0.000468(sec)	< 0.4	Pass
※ Dwell Time = 0. 000468(sec) x 320 (times) = 0.14976(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

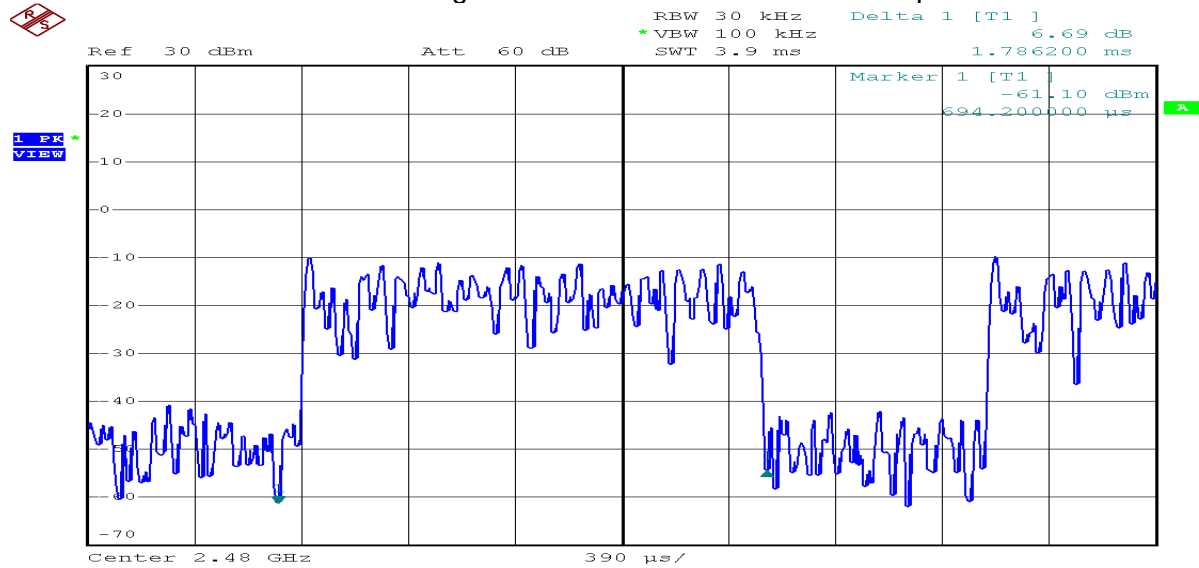


Date: 28.JUL.2013 10:02:41

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1786.2(μs) = 0.0017862 (sec)	< 0.4	Pass
※ Dwell Time = 0.0017862 (sec) × 160 (times) = 0.285792(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

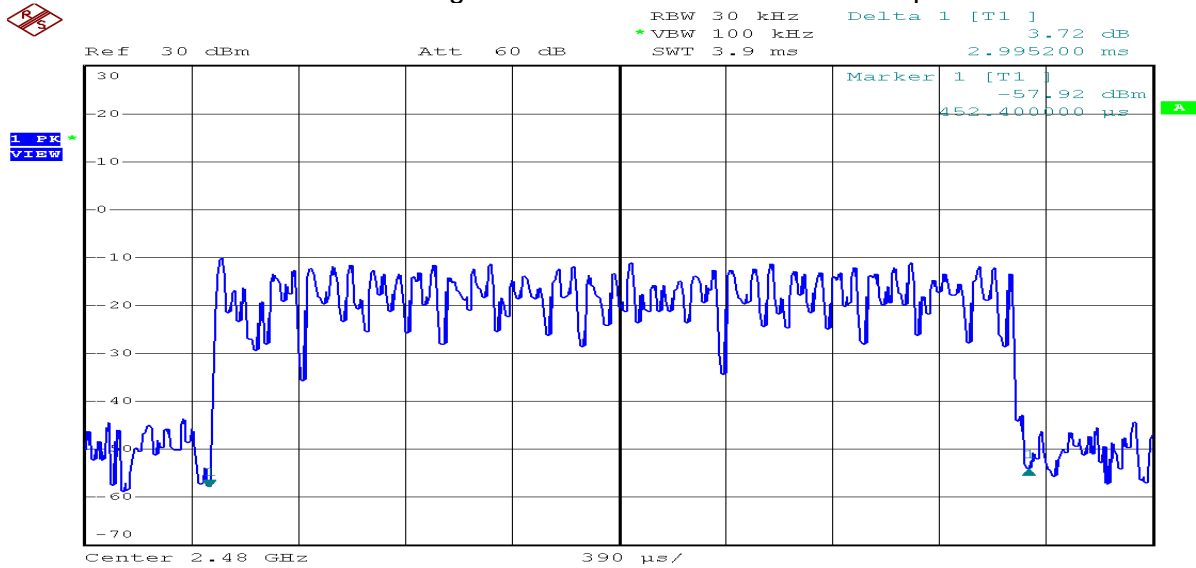


Date: 28.JUL.2013 10:04:22

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 2995.2 (μs) = 0.0029952(sec)	< 0.4	Pass
※ Dwell Time = 0.0029952 (sec) × 107 (times) = 0.3204864(sec)		

Note: Dwell time = time slot length * number of transmission in the period.



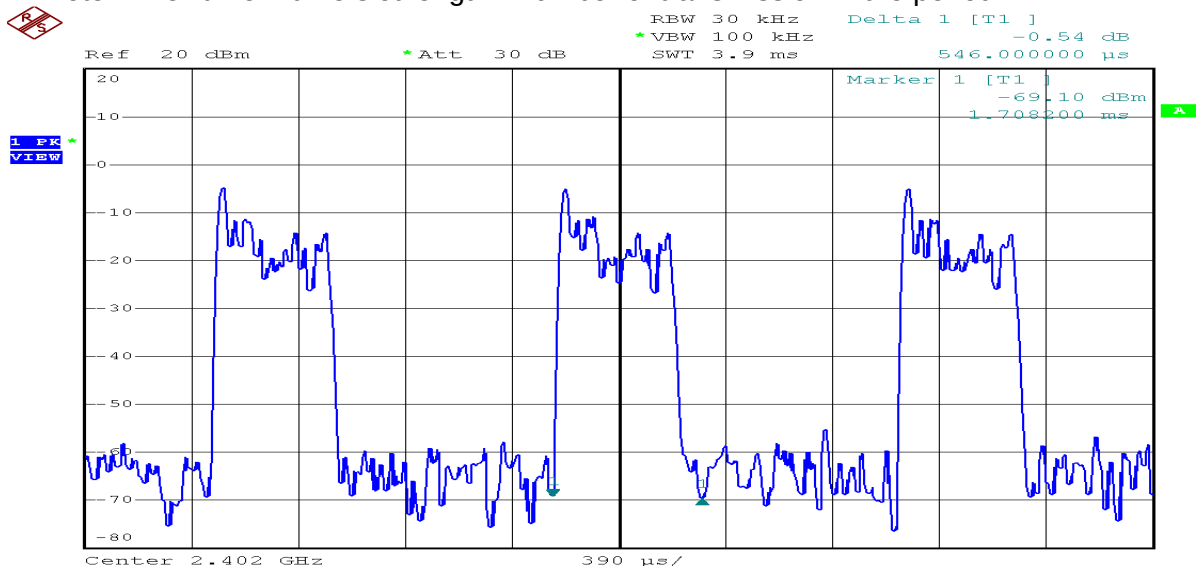
Date: 28.JUL.2013 10:04:56

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	$\pi/4$ PSK	Test Frequency Range	2402 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 546(μ s) = 0.000546sec ※ Dwell Time = 0. 000546(sec) x 320 (times) = 0.17472(sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.

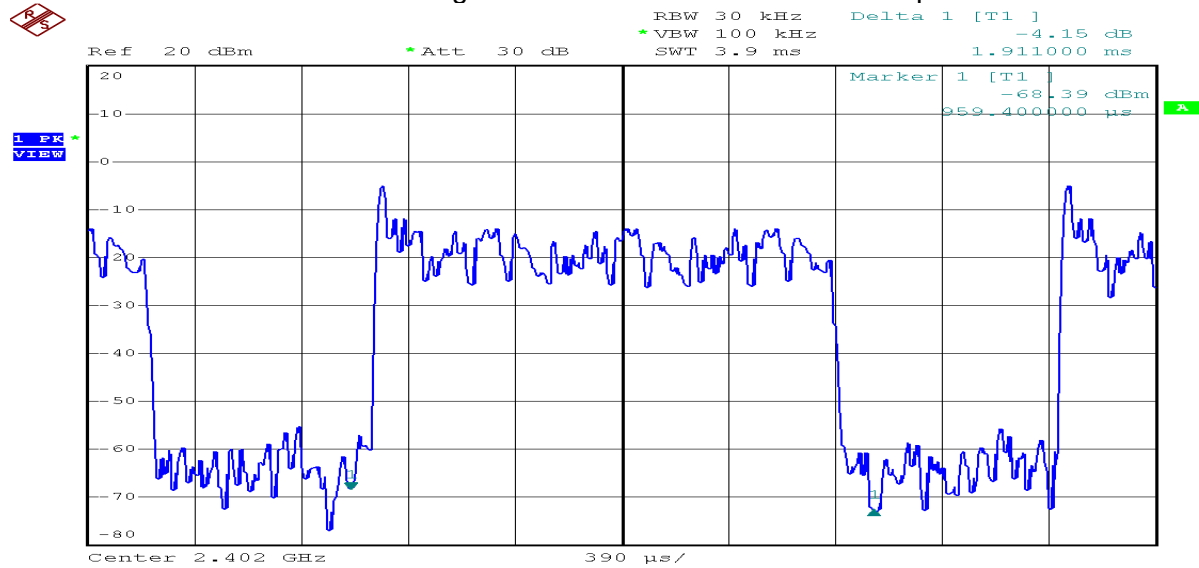


Date: 29.JUL.2013 04:49:45

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1911(μs) = 0.001911 (sec)	< 0.4	Pass
※ Dwell Time = 0.001911(sec) x 160 (times) = 0.30576(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

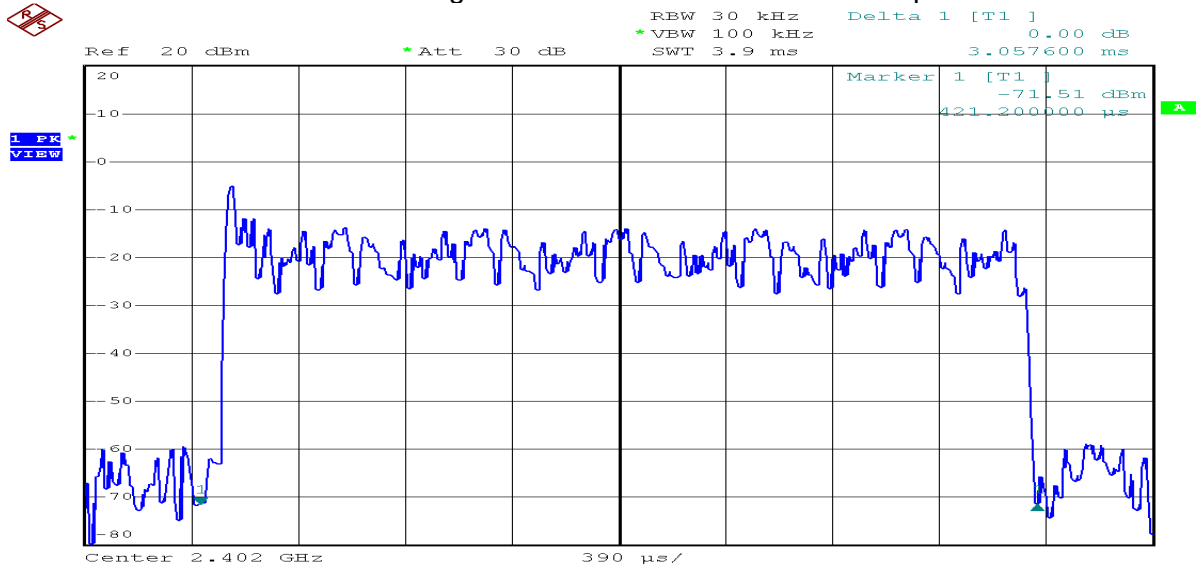


Date: 29.JUL.2013 04:51:32

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3057.6(μs) = 0.0030576 (sec)	< 0.4	Pass
※ Dwell Time = 0.0030576(sec) x 107 (times) = 0.3271632 (sec)		

Note: Dwell time = time slot length * number of transmission in the period.



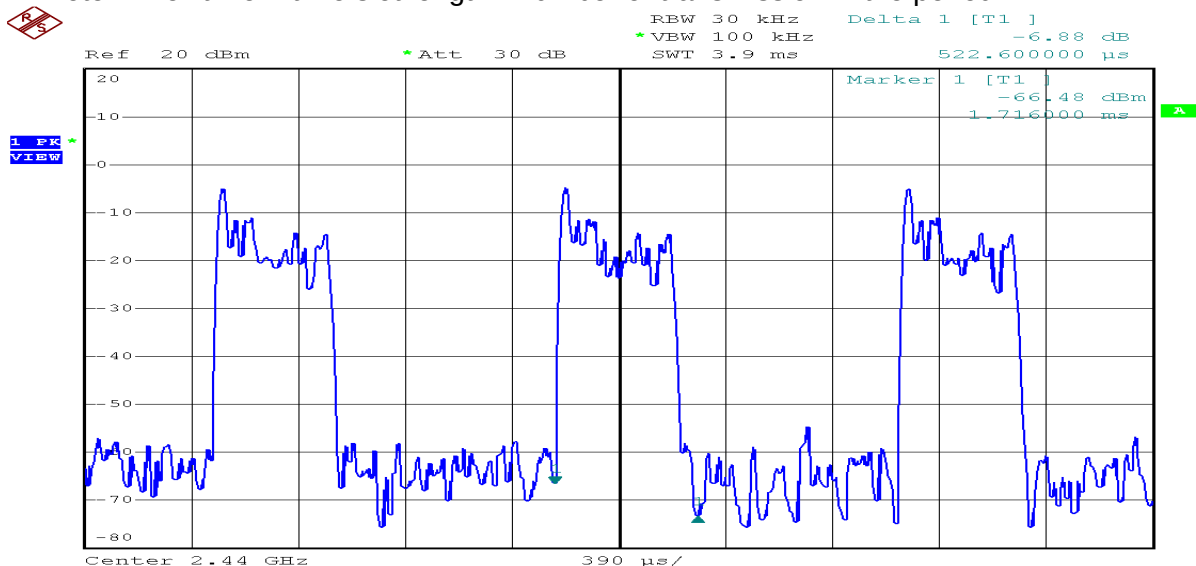
Date: 29.JUL.2013 04:52:38

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	$\pi/4$ PSK	Test Frequency Range	2440 MHz

DH1

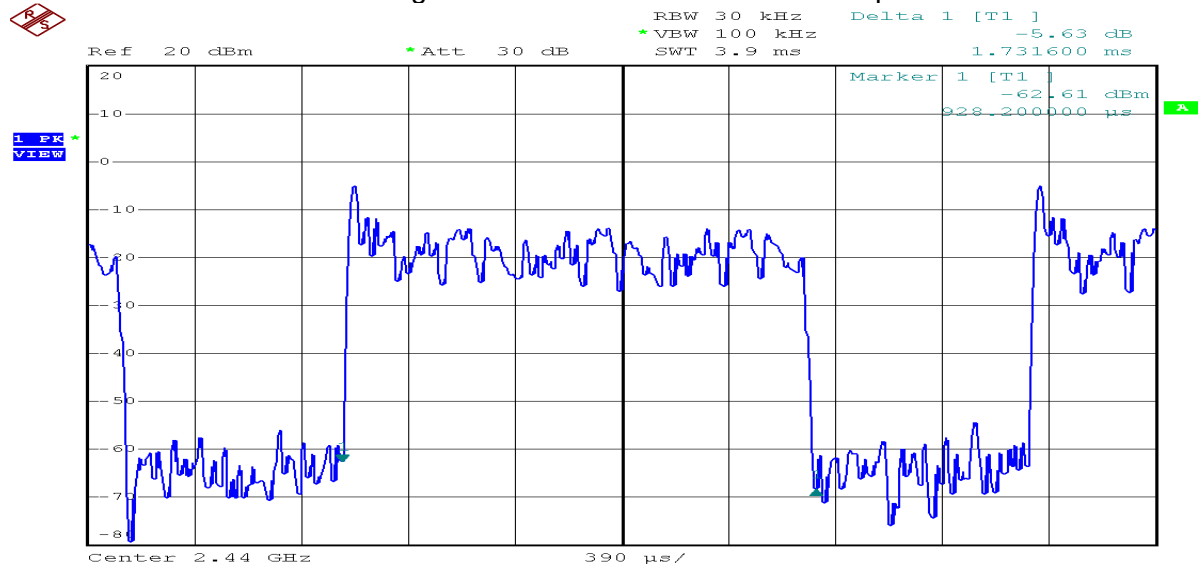
Measurement Level (sec)	Required Limit (sec)	Result
Period = $0.4 \text{ (sec)} \times 79 \text{ (number of channel)}$ = 31.6 (sec) Hop rate = $(1600 / 2 / 79) \times (0.4 \times 79) = 320 \text{ (times)}$ Time slot length = $522.6(\mu\text{s}) = 0.0005526 \text{ (sec)}$ ※ Dwell Time = $0.0005526 \text{ (sec)} \times 320 \text{ (times)}$ = 0.176832(sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.



Date: 29.JUL.2013 04:55:49

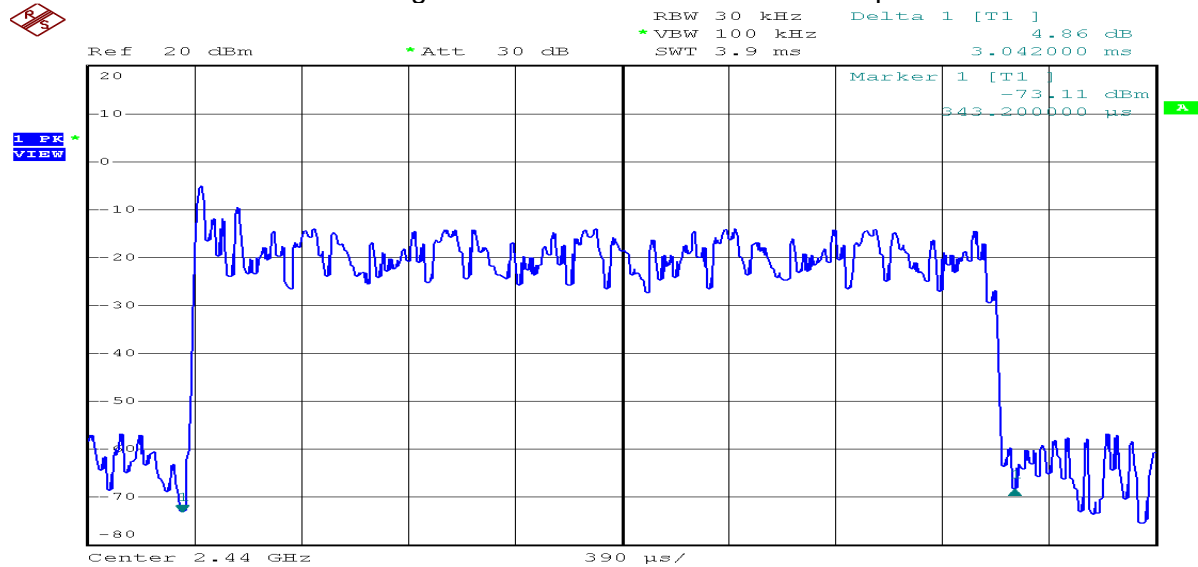
Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1731.6(μs) = 0.0017316 (sec)	< 0.4	Pass
※ Dwell Time = 0.0017316 (sec) × 160 (times) = 0.277056(sec)		



DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3042 (μs) = 0.003042 (sec)	< 0.4	Pass
※ Dwell Time = 0.003042(sec) x 107 (times) = 0.325494 (sec)		

Note: Dwell time = time slot length * number of transmission in the period.



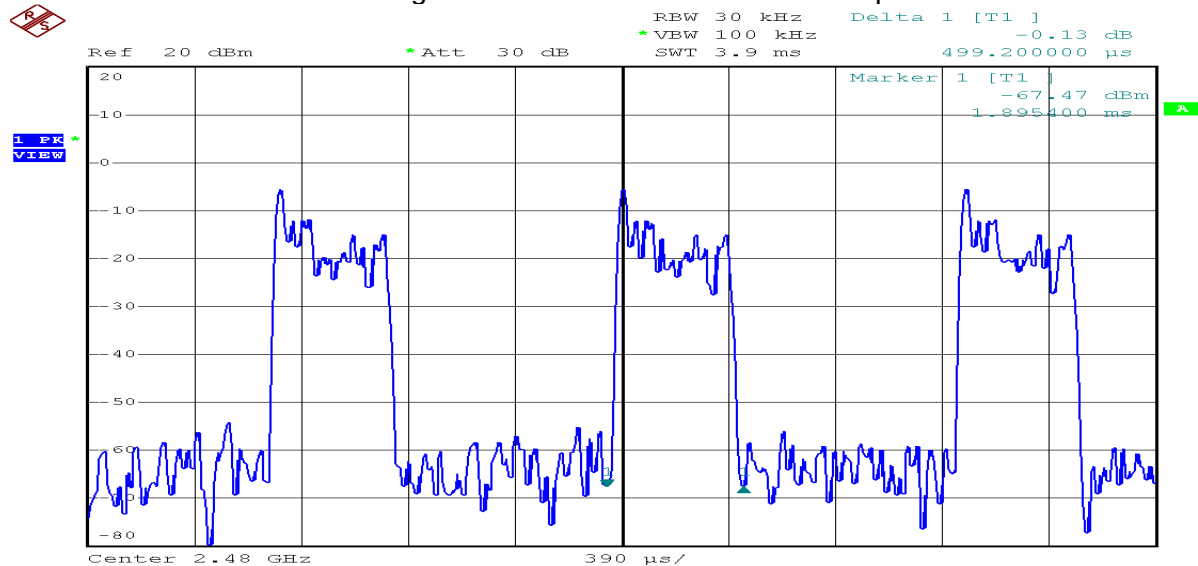
Date: 29.JUL.2013 04:59:05

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	$\pi/4$ PSK	Test Frequency Range	2480 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 499.2(μ s) = 0.0004992 (sec) ※ Dwell Time = 0. 0004992 (sec) x 320 (times) = 0.159744 (sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.

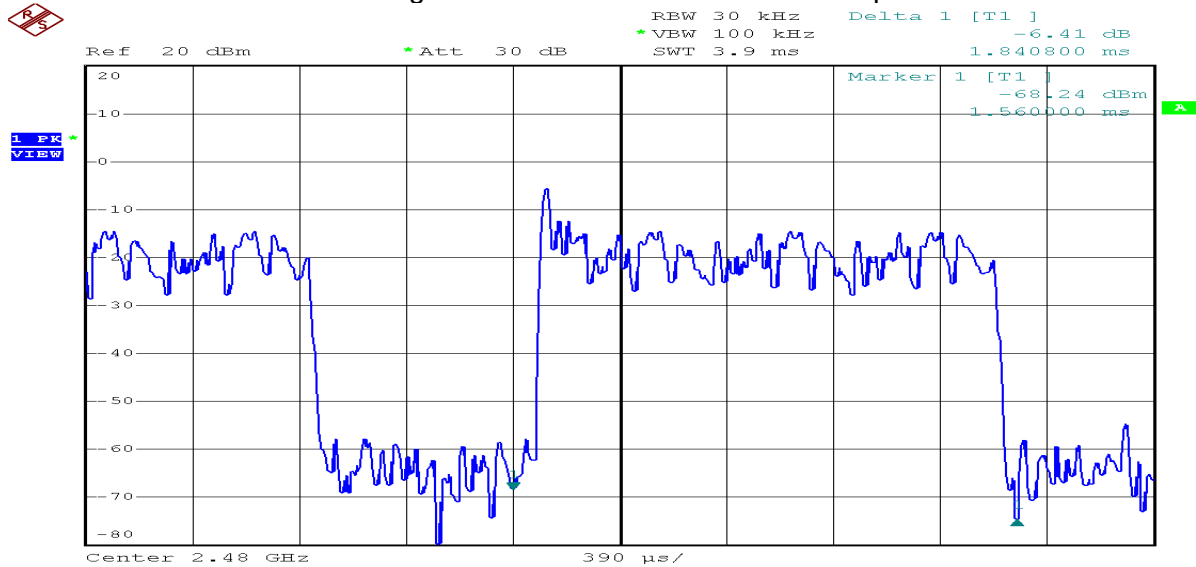


Date: 29.JUL.2013 05:01:00

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1840.8(μs) = 0.0018408 (sec)	< 0.4	Pass
※ Dwell Time = 0.0018408 (sec) × 160 (times) = 0.294528(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

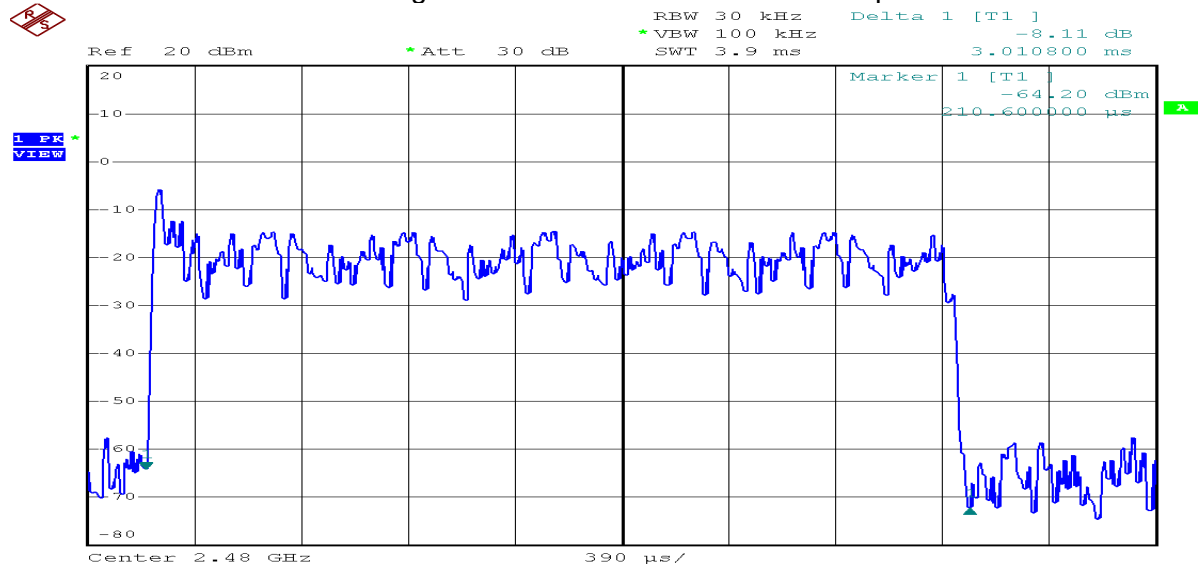


Date: 29.JUL.2013 05:02:51

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3010.8 (μs) = 0.0030108(sec)	< 0.4	Pass
※ Dwell Time = 0.0030108(sec) x 107 (times) = 0.3221556(sec)		

Note: Dwell time = time slot length * number of transmission in the period.



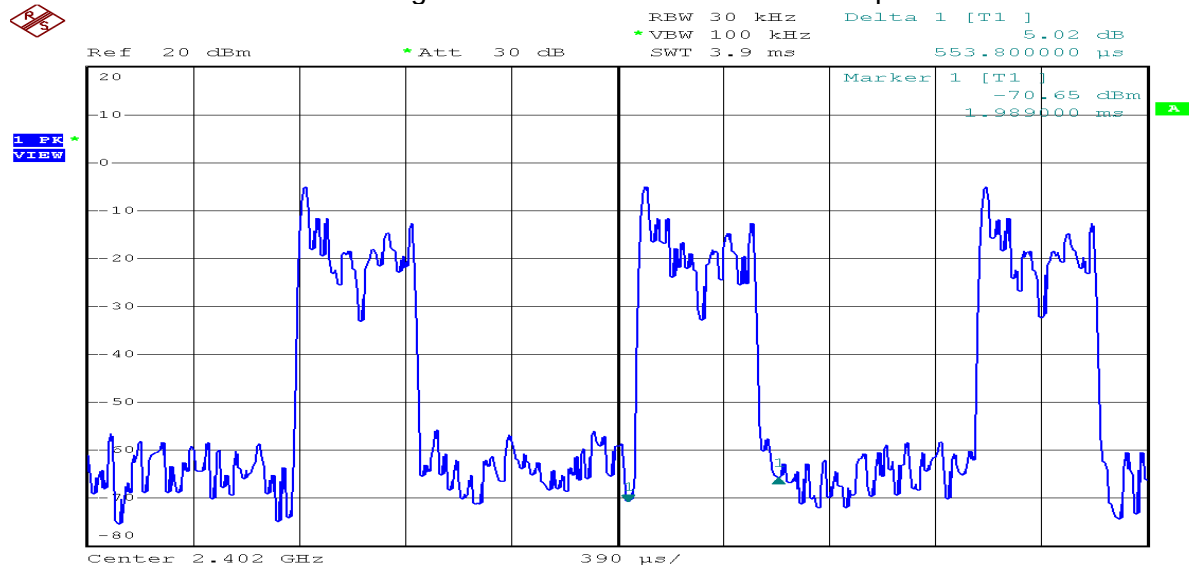
Date: 29.JUL.2013 05:03:34

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	8DPSK	Test Frequency Range	2402 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 553.8(μs) = 0.0005538 (sec) ※ Dwell Time = 0.0005538(sec) x 320 (times) = 0.177216(sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.

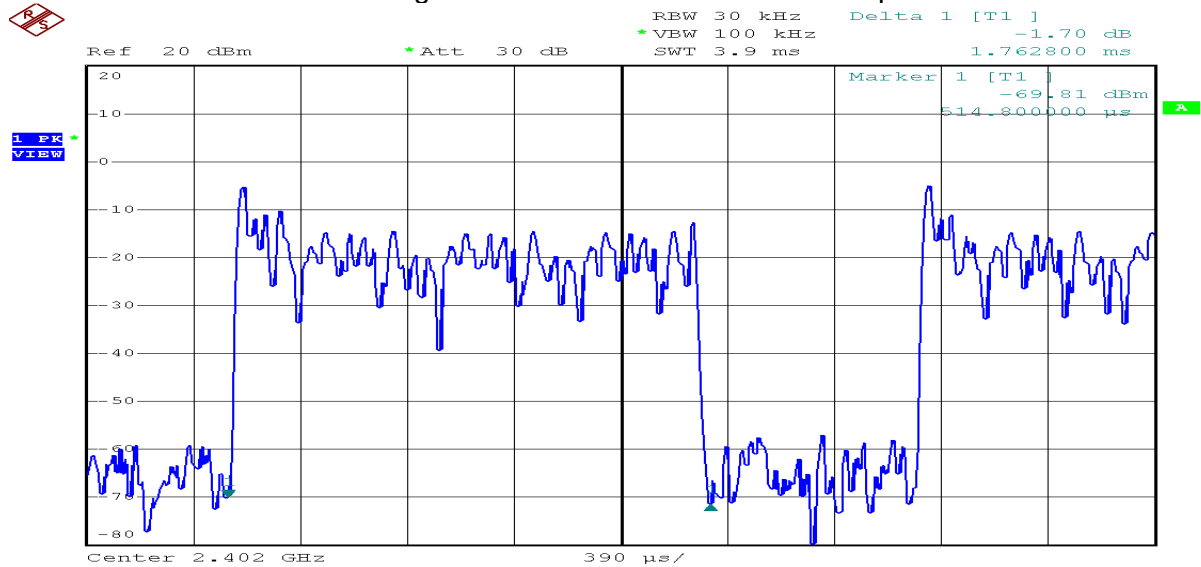


Date: 29.JUL.2013 04:42:38

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1762.8(μs) = 0.0017628 (sec)	< 0.4	Pass
※ Dwell Time = 0.0017628 (sec) x 160 (times) = 0.282048(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

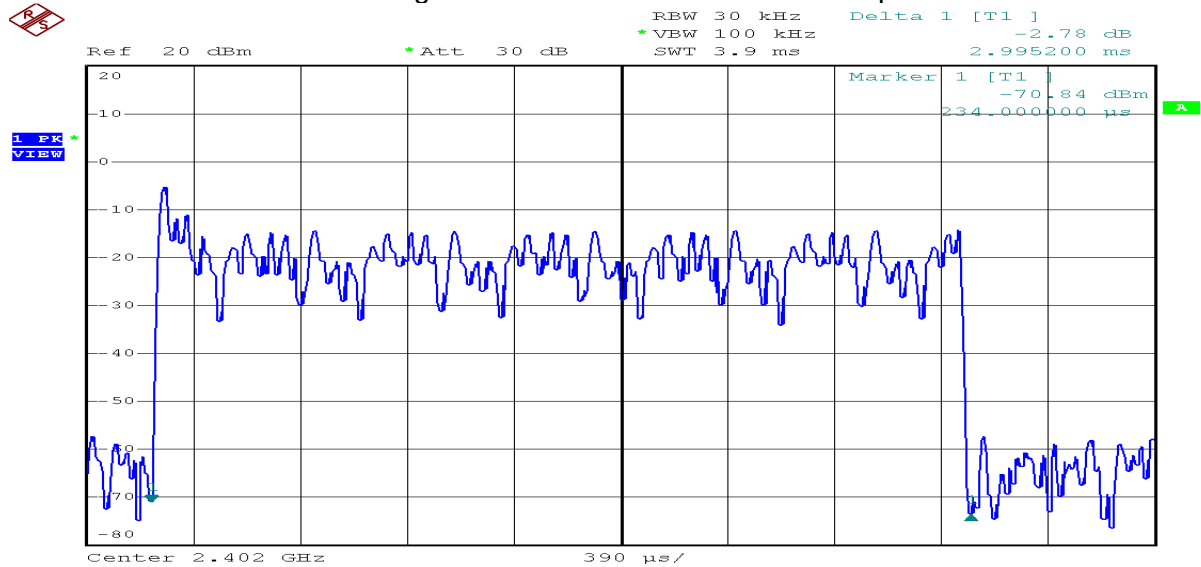


Date: 29.JUL.2013 04:43:34

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = $0.4 \text{ (sec)} \times 79 \text{ (number of channel)}$ = 31.6 (sec) Hop rate = $(1600 / 6 / 79) \times (0.4 \times 79) = 107 \text{ (times)}$ Time slot length = $2995.2 \text{ (}\mu\text{s)} = 0.0029952 \text{ (sec)}$	< 0.4	Pass
※ Dwell Time = $0.0029952 \text{ (sec)} \times 107 \text{ (times)}$ = 0.3204864 (sec)		

Note: Dwell time = time slot length * number of transmission in the period.



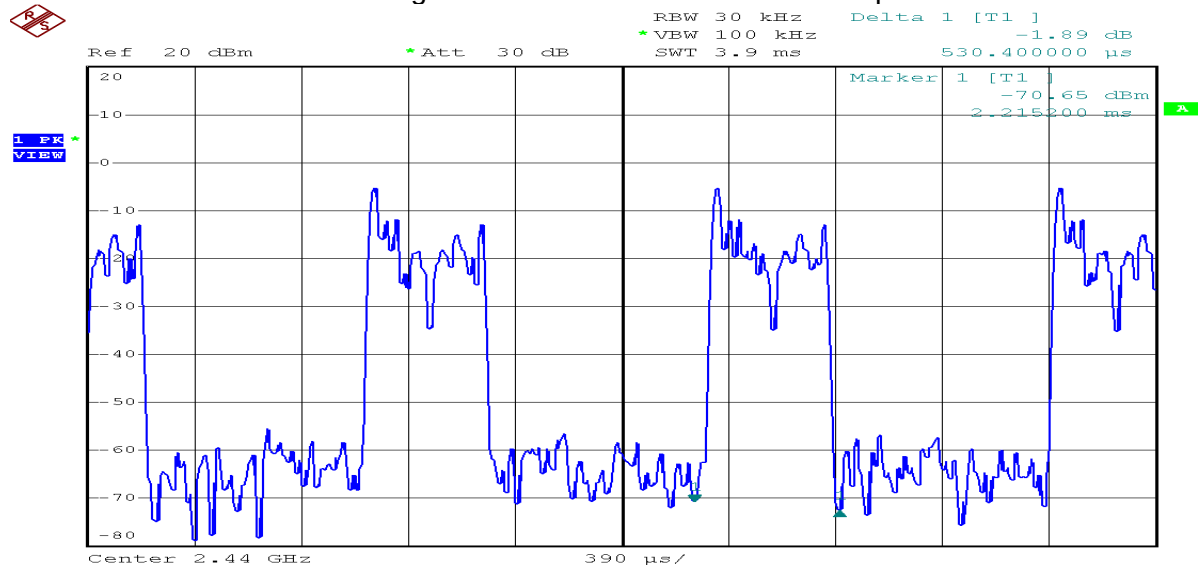
Date: 29.JUL.2013 04:45:49

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	8DPSK	Test Frequency Range	2440 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 530.4(μs) = 0.0005304(sec) ※ Dwell Time = 0. 0005304 (sec) x 320 (times) = 0.169728 (sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.

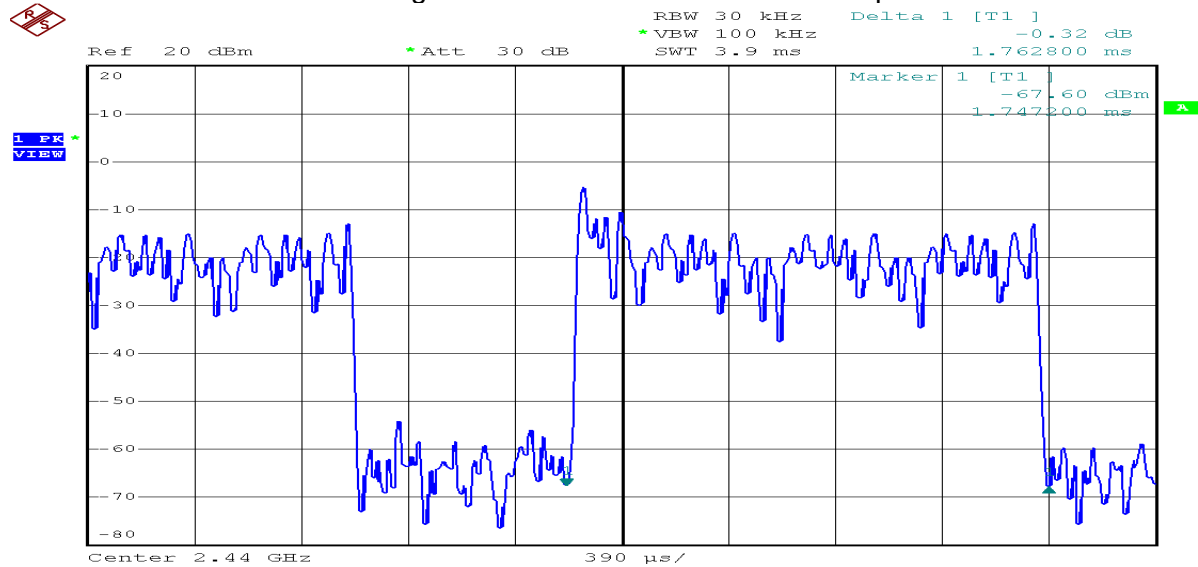


Date: 29.JUL.2013 06:45:19

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1762.8(μs) = 0.0017628(sec)	< 0.4	Pass
※ Dwell Time = 0.0017628 (sec) x 160 (times) = 0.282048(sec)		

Note: Dwell time = time slot length * number of transmission in the period.

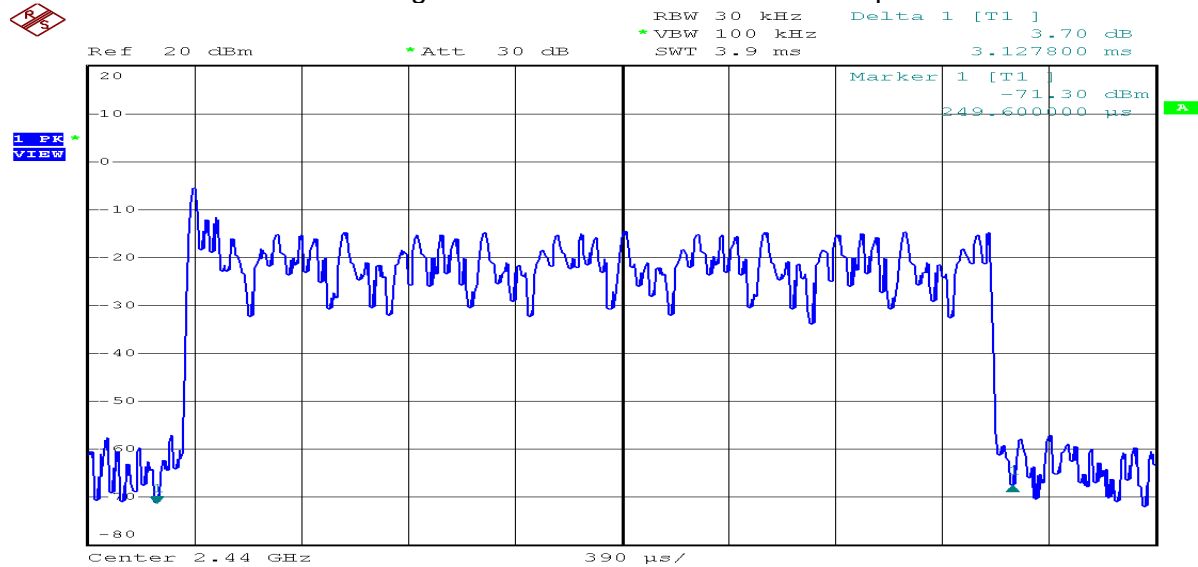


Date: 29.JUL.2013 06:46:01

DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3127.8(μs) = 0.0031278 (sec)	< 0.4	Pass
※ Dwell Time = 0.0031278(sec) x 107 (times) = 0.3346746(sec)		

Note: Dwell time = time slot length * number of transmission in the period.



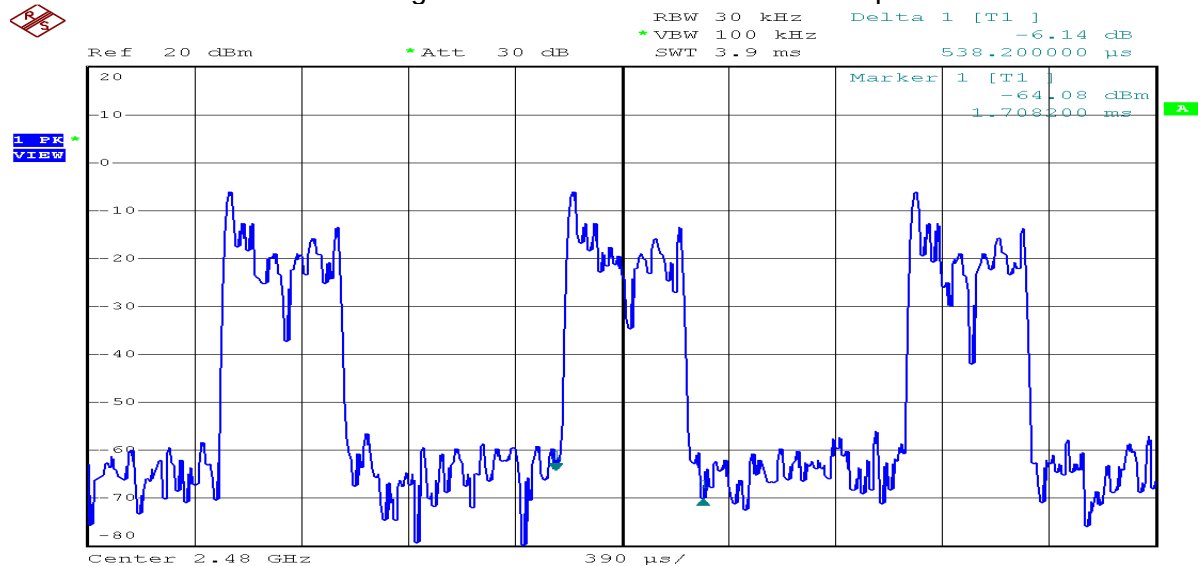
Date: 29.JUL.2013 06:48:24

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	8DPSK	Test Frequency Range	2480 MHz

DH1

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 2/ 79) x (0.4 * 79) = 320 (times) Time slot length = 538.2(μs) = 0.0005382 (sec) ※ Dwell Time = 0. 0005382 (sec) x 320 (times) = 0.172224 (sec)	< 0.4	Pass

Note: Dwell time = time slot length * number of transmission in the period.

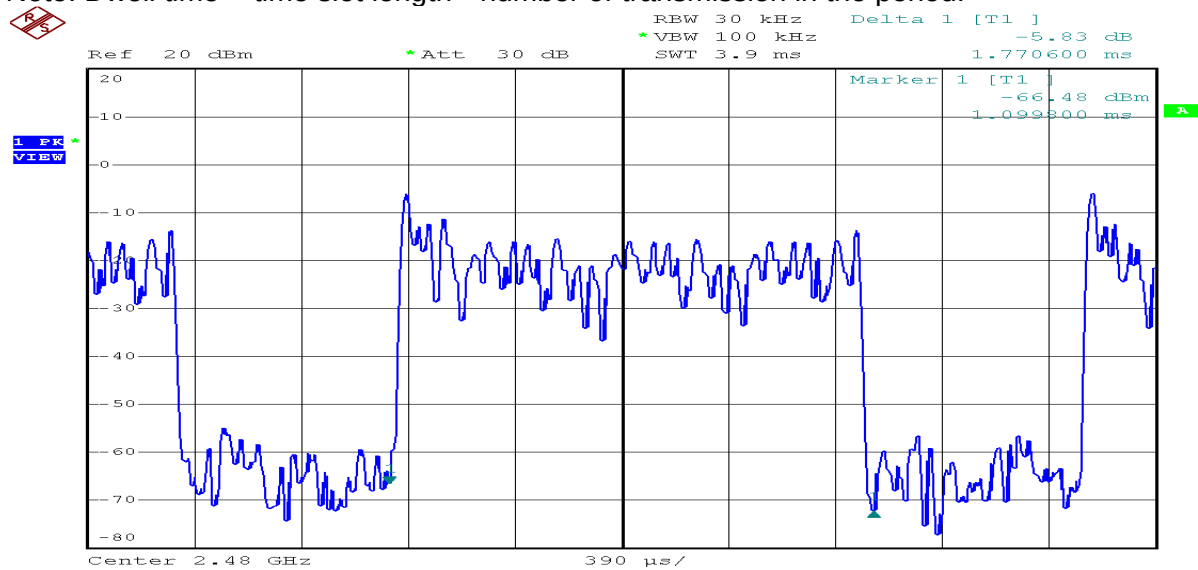


Date: 29.JUL.2013 06:50:33

DH3

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 4/ 79) x (0.4 * 79) = 160 (times) Time slot length = 1770.6(μs) = 0.0017706(sec)	< 0.4	Pass
※ Dwell Time = 0.0017706 (sec) x 160 (times) = 0.283296 (sec)		

Note: Dwell time = time slot length * number of transmission in the period.

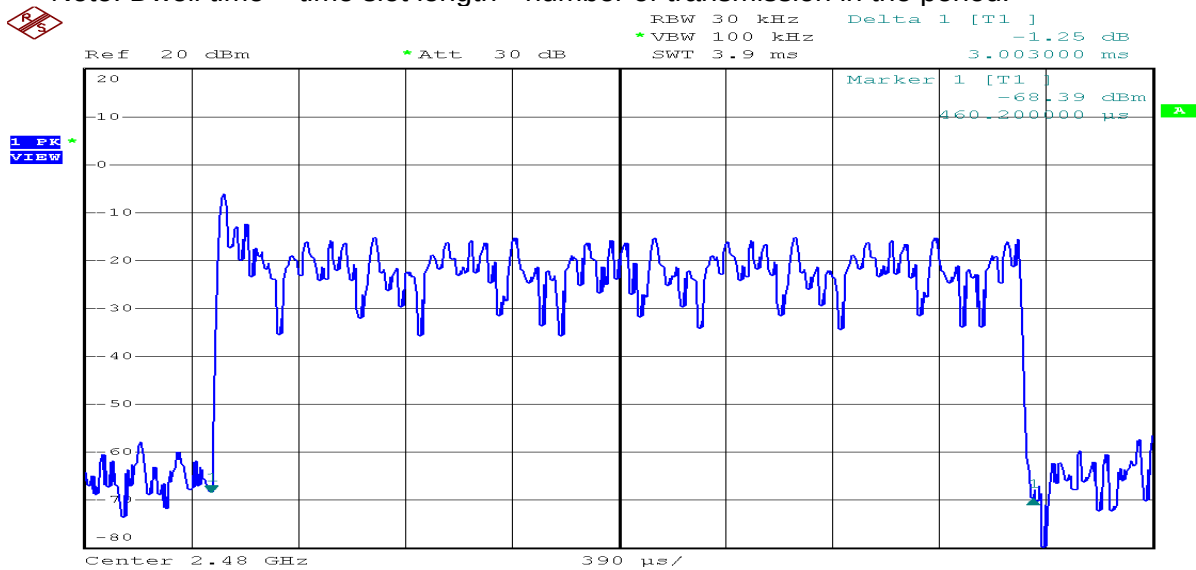


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DH5

Measurement Level (sec)	Required Limit (sec)	Result
Period = 0.4 (sec) * 79 (number of channel) = 31.6 (sec) Hop rate = (1600/ 6/ 79) x (0.4 * 79) = 107(times) Time slot length = 3003(μs) = 0.003003(sec)	< 0.4	Pass
※ Dwell Time = 0.003003(sec) x 107 (times) = 0.321321(sec)		

Note: Dwell time = time slot length * number of transmission in the period.



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10. HOPPING CHANNEL

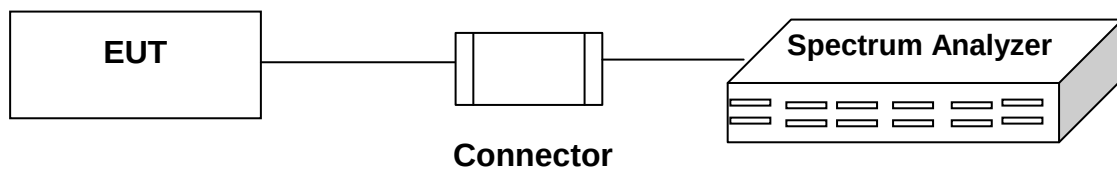
10.1 TEST EQUIPMENT

The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	S/N or Version	Next Cal. Date
1	Spectrum Analyzer	RS	FSL6	100517	2013.08.26

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

10.2 BLOCK DIAGRAM OF TEST SETUP



10.3 LIMIT

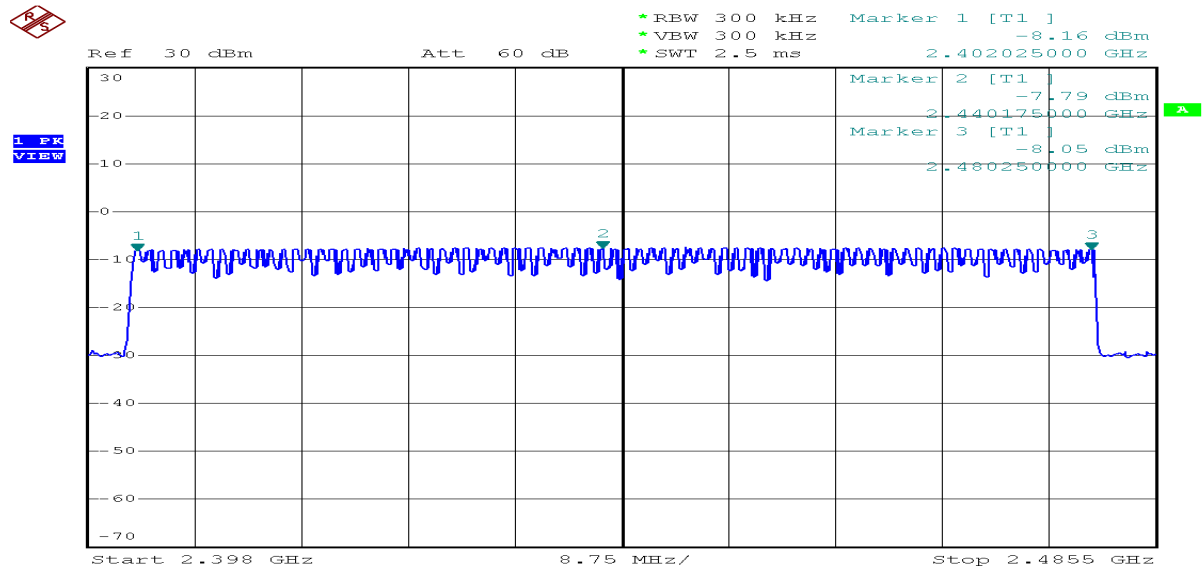
Frequency hopping systems operating in the 2400-2483.5 MHz bands shall use at least 75 non-overlapping hopping channels.

10.4 TEST RESULT

Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 1-GFSK	Display Pattern	Program

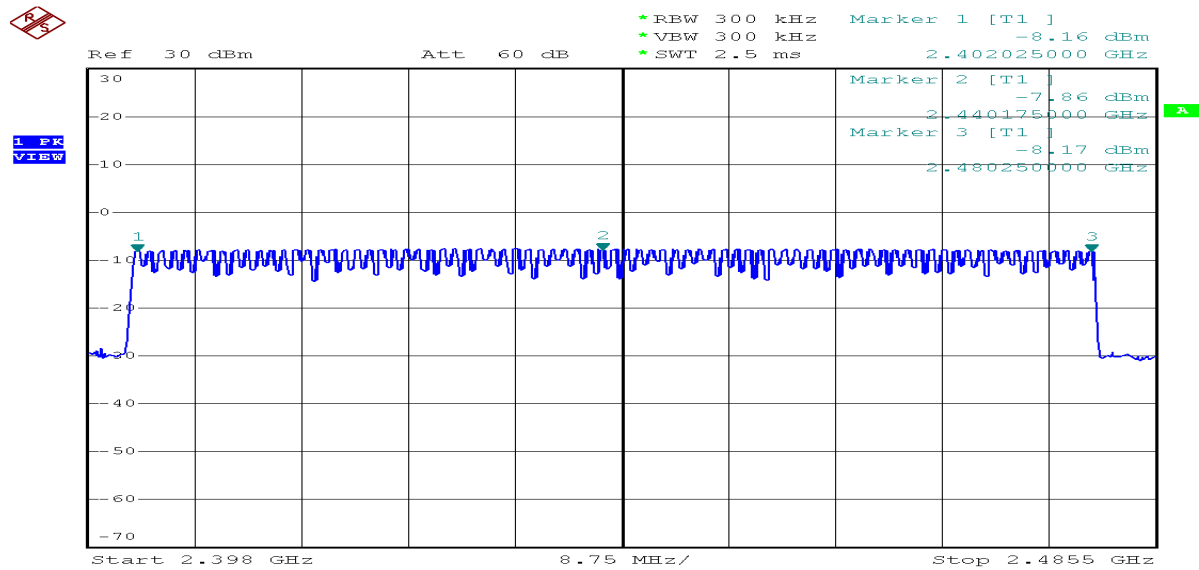
Frequency Range (MHz)	Measurement (Hopping Channel)	Limit (Hopping Channel)	Result
2402 ~ 2480	79 Channel	>75 Channel	Pass

DH1



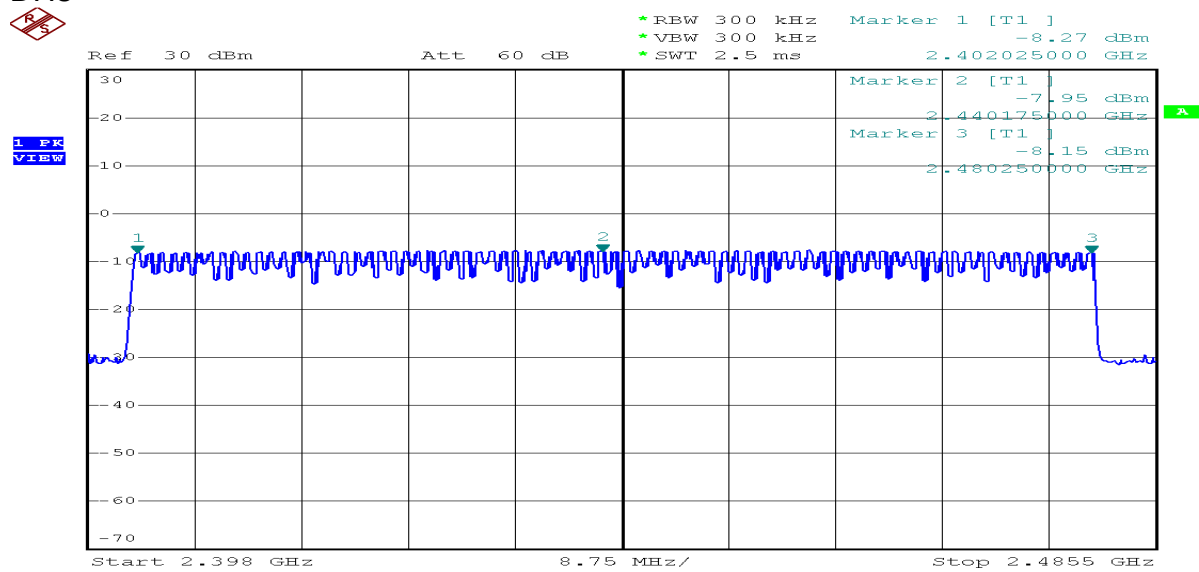
Date: 28.JUL.2013 08:42:10

DH3



Date: 28.JUL.2013 08:57:19

DH5



Date: 28.JUL.2013 09:00:53

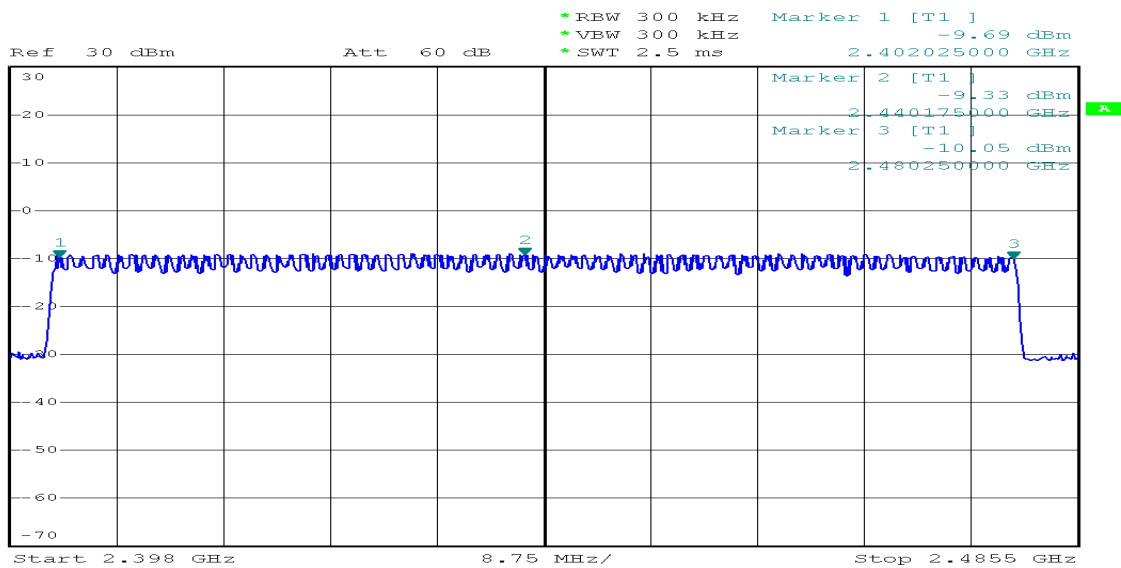
Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 2- π /4 PSK	Display Pattern	Program

Frequency Range (MHz)	Measurement (Hopping Channel)	Limit (Hopping Channel)	Result
2402 ~ 2480	79 Channel	>75 Channel	Pass

DH1

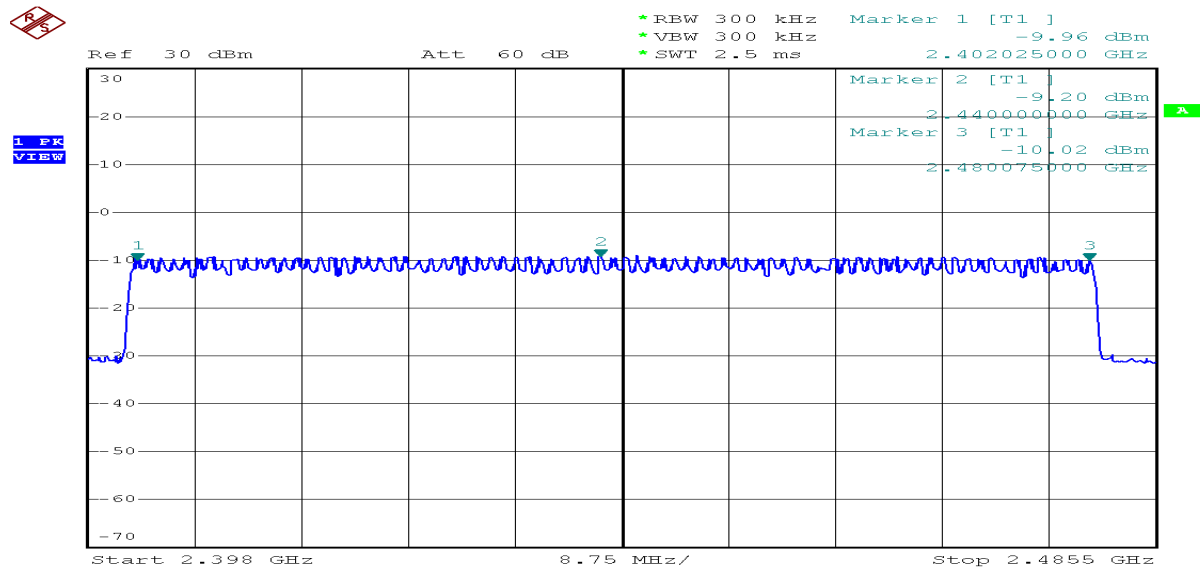


1 PK
VIEW



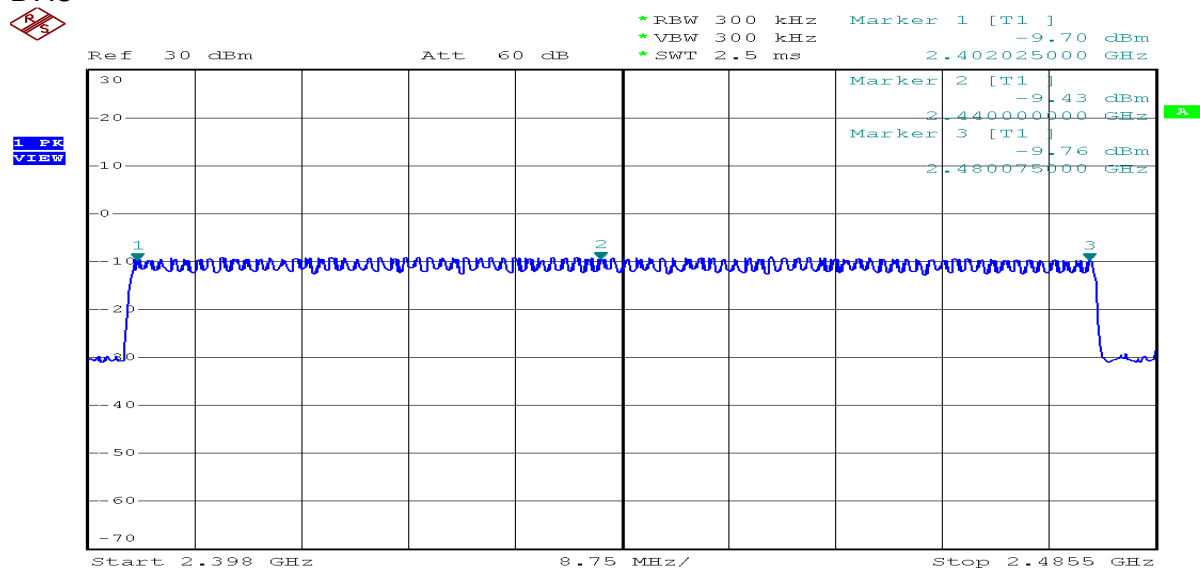
Date: 28.JUL.2013 09:05:13

DH3



Date: 28.JUL.2013 09:09:01

DH5



Date: 28.JUL.2013 09:16:49

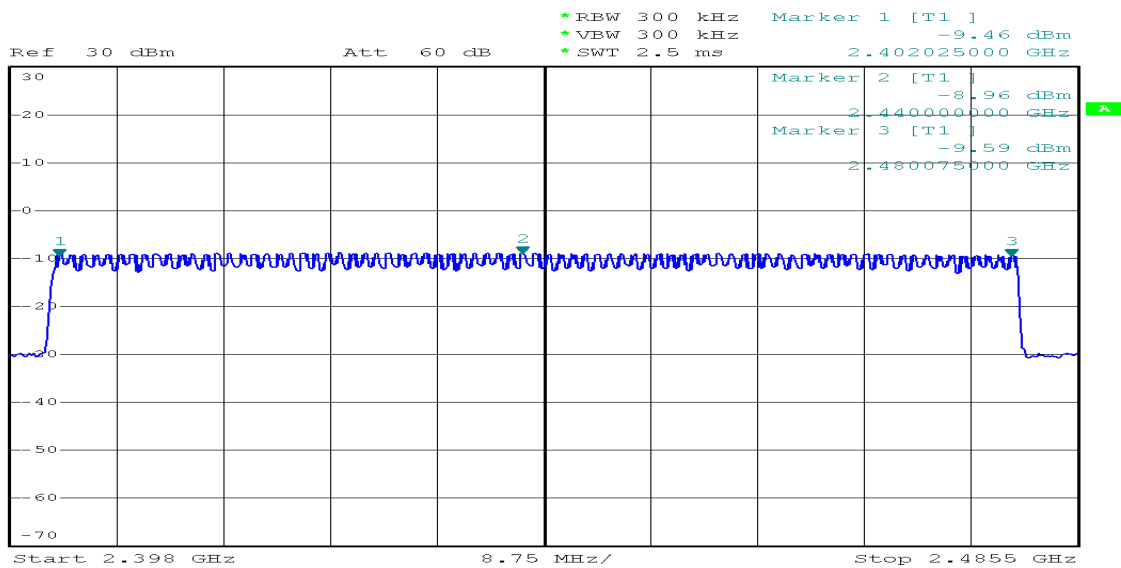
Date of Test	July 28, 2013	Temperature	25 deg/C
EUT	BLUETOOTH ADAPTOR	Humidity	60 %RH
Working Cond.	Mode 3-8DPSK	Display Pattern	Program

Frequency Range (MHz)	Measurement (Hopping Channel)	Limit (Hopping Channel)	Result
2402 ~ 2480	79 Channel	>75 Channel	Pass

DH1

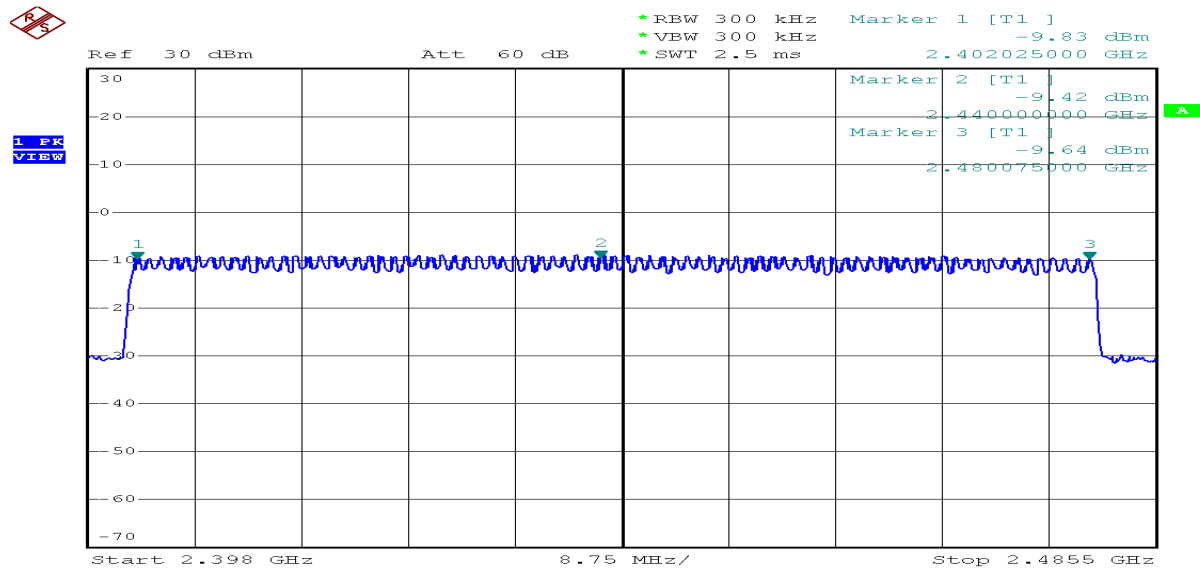


1 PK
VIEW



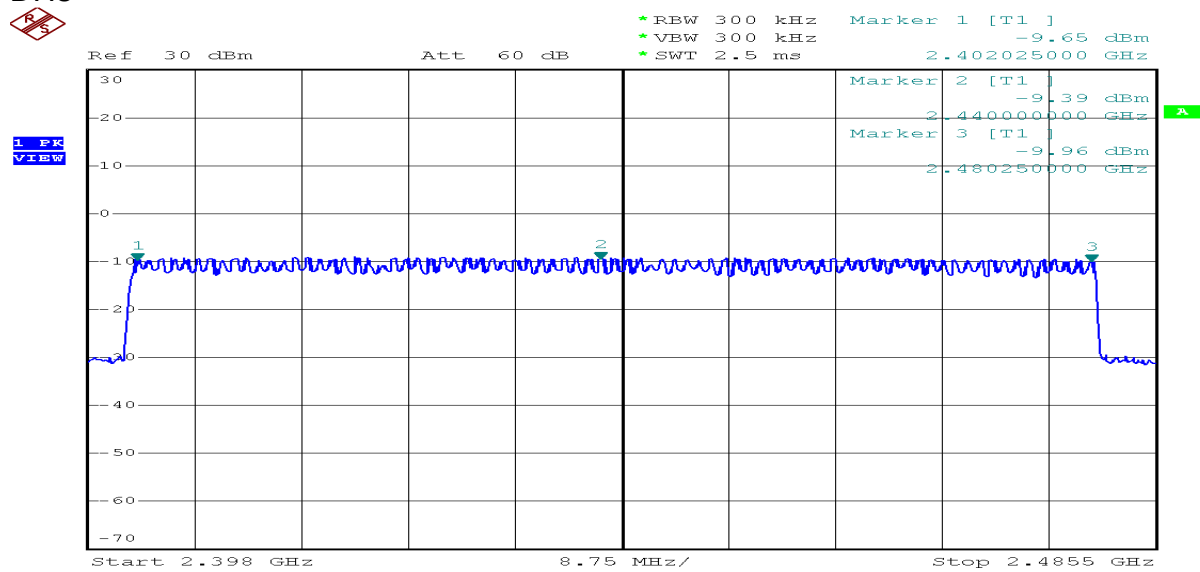
Date: 28.JUL.2013 09:33:02

DH3



Date: 28.JUL.2013 09:38:22

DH5



Date: 28.JUL.2013 09:42:20

11. EMI REDUCTION METHOD DURING COMPLIANCE TESTING

No modification was made during testing.