

Produkte
Products

Prüfbericht - Nr.: 17027342 001		Seite 1 von 90 Page 1 of 90	
<i>Test Report No.:</i>			
Auftraggeber: <i>Client:</i>	Cyber Acoustics (HK) Ltd. 11 Floor, The Broadway, 54-62 Lockhart Road, Wanchai, Hong Kong		
Gegenstand der Prüfung: <i>Test item:</i>	Bluetooth Speaker Stand		
Bezeichnung: <i>Identification:</i>	RF-BTSS01	CA-930BT	Serien-Nr.: <i>Serial No.:</i> n.a.
Wareneingangs-Nr.: <i>Receipt No.:</i>	163095270	Eingangsdatum: <i>Date of receipt:</i>	05.07.2012
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of test item at delivery:</i>	Test samples received are sufficient for testing and not damaged.		
Prüfört: <i>Testing location:</i>	Accurate Technology Co., Ltd. F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China		
Prüfgrundlage: <i>Test specification:</i>	FCC CFR47 Part 15: Subpart C Section 15.247 FCC CFR47 Part 15: Subpart C Section 15.207 FCC CFR47 Part 15: Subpart C Section 15.209 FCC CFR47 Part 15: Subpart B Section 15.107 FCC CFR47 Part 15: Subpart B Section 15.109		
Prüfergebnis: <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). The test item passed the test specification(s).		
Prüflaboratorium: <i>Testing Laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.		
geprüft/ tested by:	kontrolliert/ reviewed by:		
			
03.08.2012	Owen Tian/Project Manager	03.08.2012	Shawn Peng/Technical Certifier
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
			Name/Stellung <i>Name/Position</i>
			Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects:			
Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet		Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20dB BANDWIDTH***RESULT: Pass***5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.5 SPURIOUS EMISSION***RESULT: Pass***5.1.6 FREQUENCY SEPARATION***RESULT: Pass***5.1.7 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.8 TIME OF OCCUPANCY***RESULT: Pass***5.1.9 RADIATED EMISSIONS***RESULT: Pass***5.1.10 CONDUCTED EMISSIONS***RESULT: Pass***6.1.1 ELECTROMAGNETIC FIELDS***RESULT: Pass*

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

F1, Bldg. A, Changyuan New Material Port
Keyuan Rd., Science & Industry Park, Nanshan
Shenzhen, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Transmitter spurious emissions & Receiver spurious emissions				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2013-01-07
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2013-01-07
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2013-01-07
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2013-01-07
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2013-01-07
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2013-01-07
RF Coaxial Cable	SUHNER	N-3m	No.8	2013-01-07
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2013-01-07
RF Coaxial Cable	SUHNER	N-6m	No.10	2013-01-07
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2013-01-07
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2013-01-07
Pre-Amplifier	Rohde & Schwarz	CBLU118354 0-01	3791	2013-01-07
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	ESPI3	100396/003	2013-01-07
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	2013-01-07
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2013-01-07
L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	2013-01-07
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2013-01-07
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2013-01-07
RF Coaxial Cable	SUHNER	N-2m	No.3	2013-01-07
Radiated Emission				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2013-01-07
Test Receiver	Rohde & Schwarz	ESCS30	100307	2013-01-07
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2013-01-07
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2013-01-07
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2013-01-07
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2013-01-07
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2013-01-07
RF Coaxial Cable	SUHNER	N-3m	No.8	2013-01-07
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2013-01-07
RF Coaxial Cable	SUHNER	N-6m	No.10	2013-01-07
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2013-01-07
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2013-01-07
Pre-Amplifier	Rohde & Schwarz	CBLU118354 0-01	3791	2013-01-07

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Spectrum	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 12.75 GHz	$< \pm 4.42$ dB
Radiated emission of receiver, valid up to 12.75 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

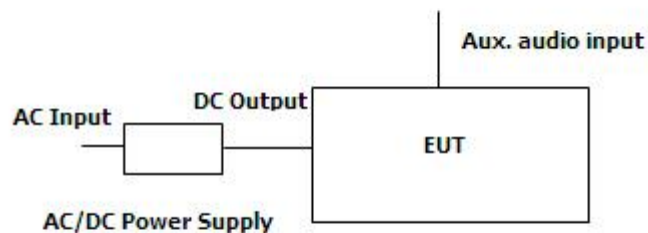
Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are multimedia speaker with Bluetooth function used for audio entertainment in house or similar environment. It operates at 2.4GHz ISM frequency band. Two models are identical except the model name.

The system diagram of the EUT:



For further details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	Bluetooth Speaker Stand
Type Designation	RF-BTSS01
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	-20~+70°C
Operation Voltage	AC 100-240V, 50/60Hz
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Antenna Gain	1dBi

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth mode
 - a. Transmitting
 - b. Receiving
 - 2. AUX input
 - 3. Charging only
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - Rating Label |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003. According to clause 3.1, all tests were applied on model RF-BTSS01 only.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	S/N
iPod	Apple	A1238	8K039T1Y9ZU

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of Adapter	2 cores, non-shielded port, 3m	AC Power Input
DC power input of EUT	2 cores, non-shielded port, 3m	DC Power Input
AUX input	2 cores, non-shielded port, 3m	Audio Input

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

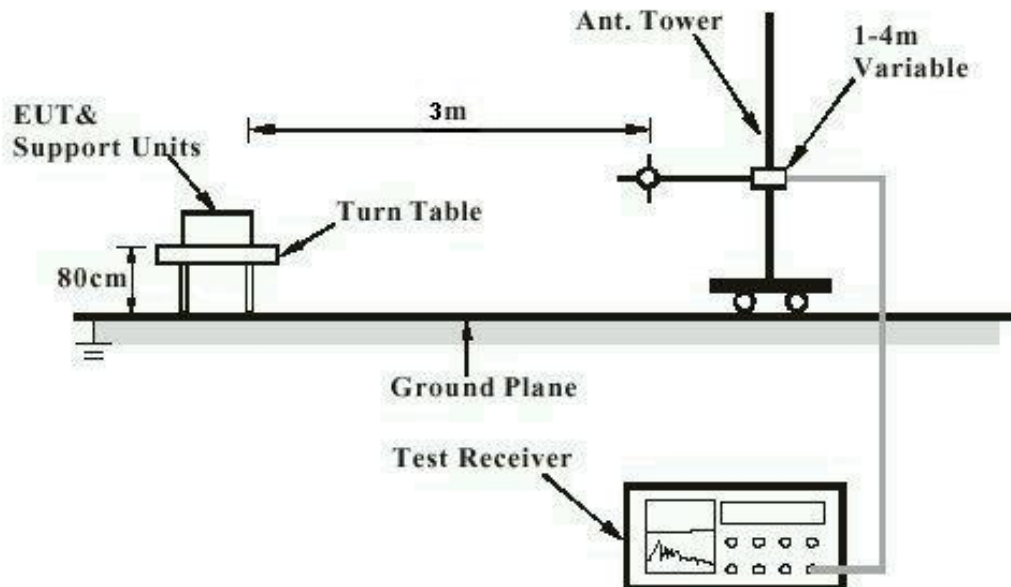


Diagram of Measurement Equipment Configuration for Conduction Measurement

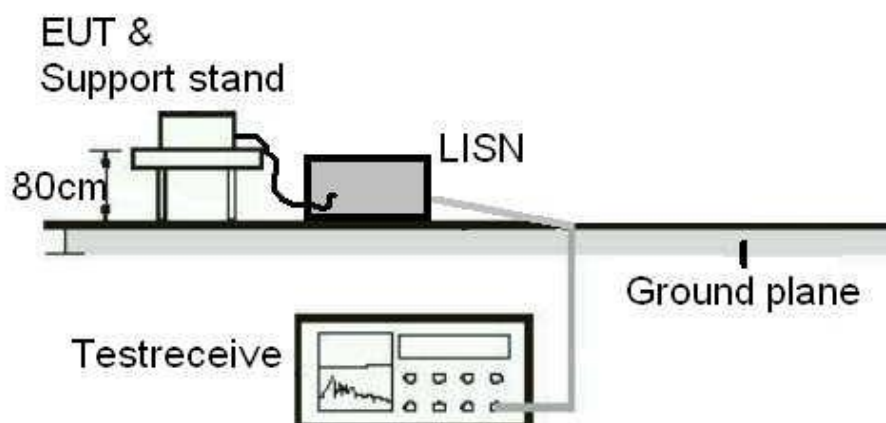
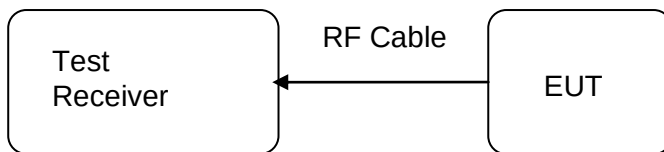


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203
Limit	:	The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer's declaration, the EUT has an internal antenna, and the directional gain of antenna is 1dBi, Therefore the EUT complies with the provision.

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5.1.2 Peak Output Power

RESULT:**Pass**

Test date : 2012-07-28
Test standard : FCC Part 15.247(b)(1)
Basic standard : ANSI C63.4: 2003
Limit : 125mW
Kind of test site : Shielded room

Test setup

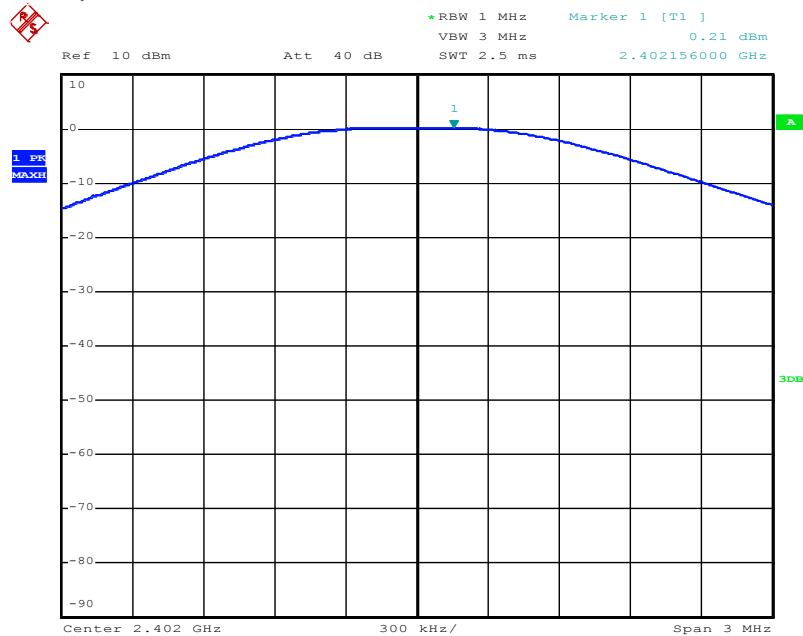
Test Channel : Low/ Middle/ High
Operation Mode : A.1
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 4: Test result of Peak Output Power

Channel	Channel Frequency (MHz)	Peak Output Power (mW)		Limit (mW)
		BDR	EDR	
Low Channel	2402	1.050	1.019	125
Middle Channel	2441	1.205	1.222	125
High Channel	2480	1.271	1.309	125

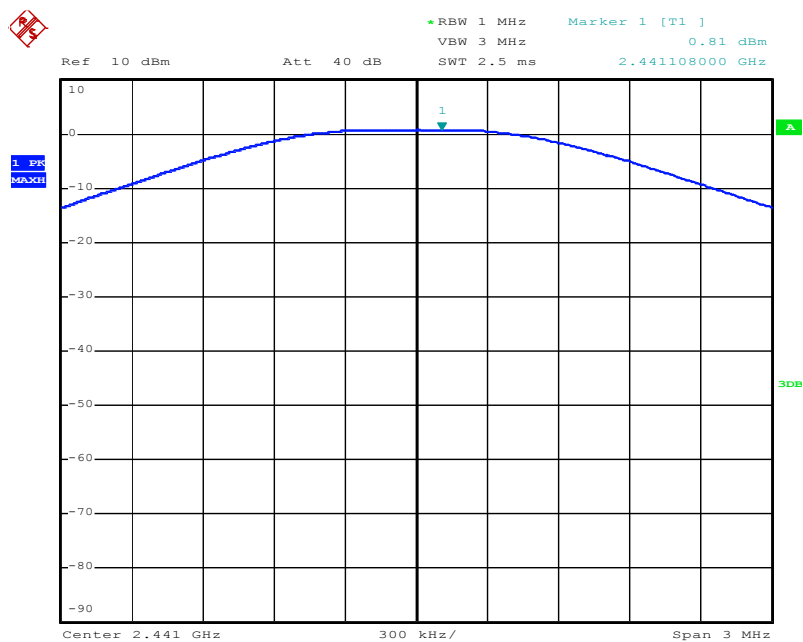
Test Plot of Peak Output Power

Low Channel, BDR mode



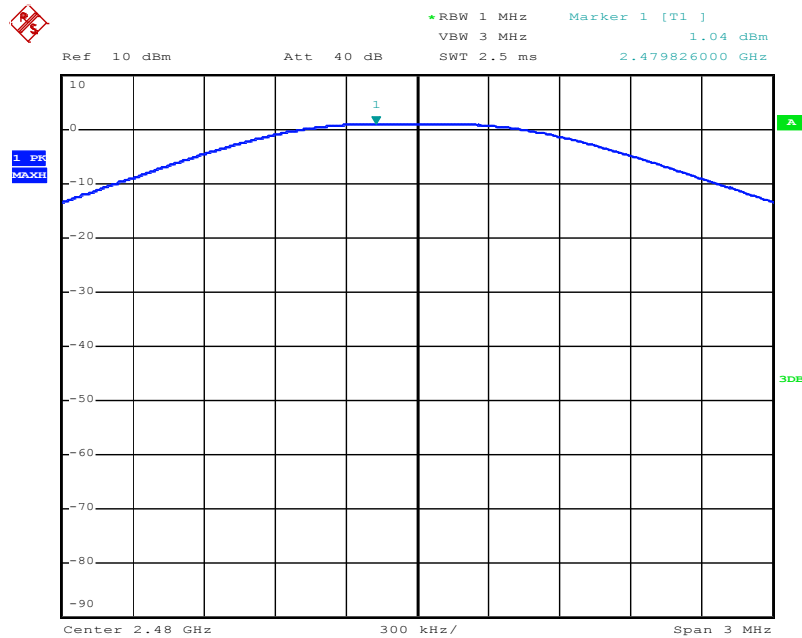
Date: 28.JUL.2012 19:49:08

Middle Channel, BDR mode



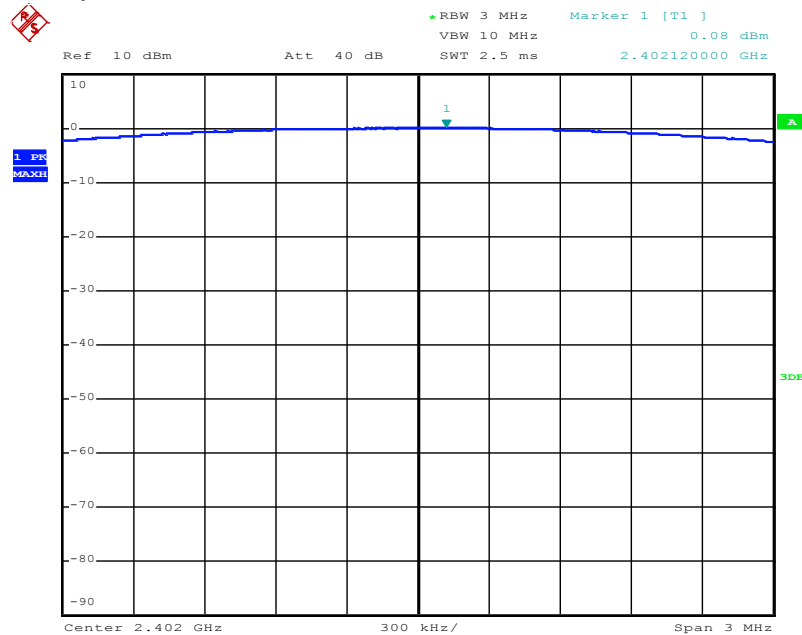
Date: 28.JUL.2012 19:49:31

High Channel, BDR mode

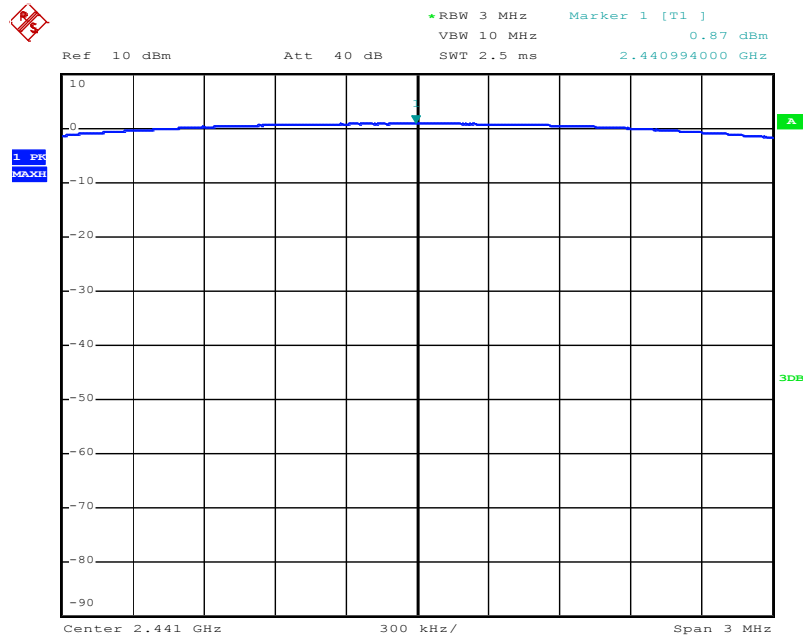


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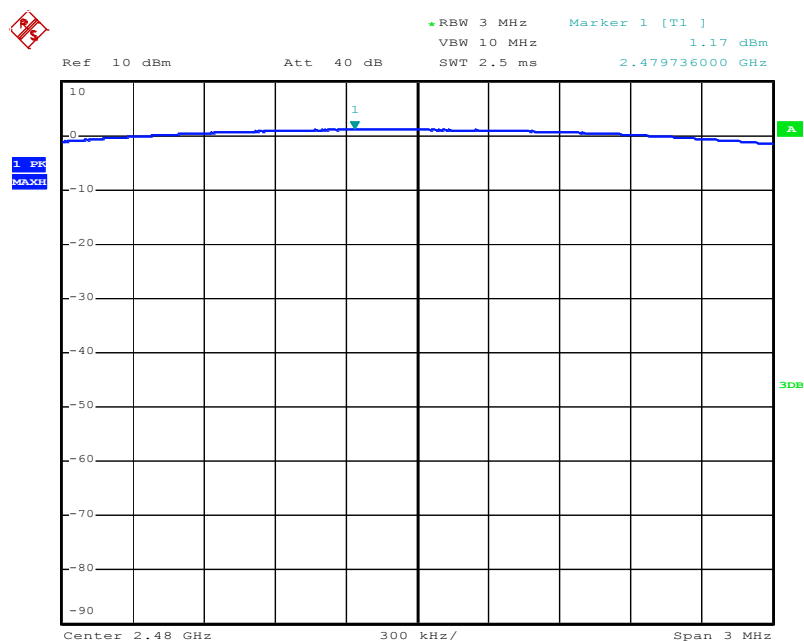
Low Channel, EDR mode



Date: 28.JUL.2012 19:50:47

Middle Channel, EDR mode


Date: 28.JUL.2012 19:51:25

High Channel, EDR mode


Date: 28.JUL.2012 19:52:07

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5.1.3 20dB Bandwidth**RESULT:****Pass**

Date of testing : 2012-07-28
Test standard : FCC Part 15.247(a)(1)
Basic standard : ANSI C63.4: 2003
Kind of test site : Shielded room

Test setup

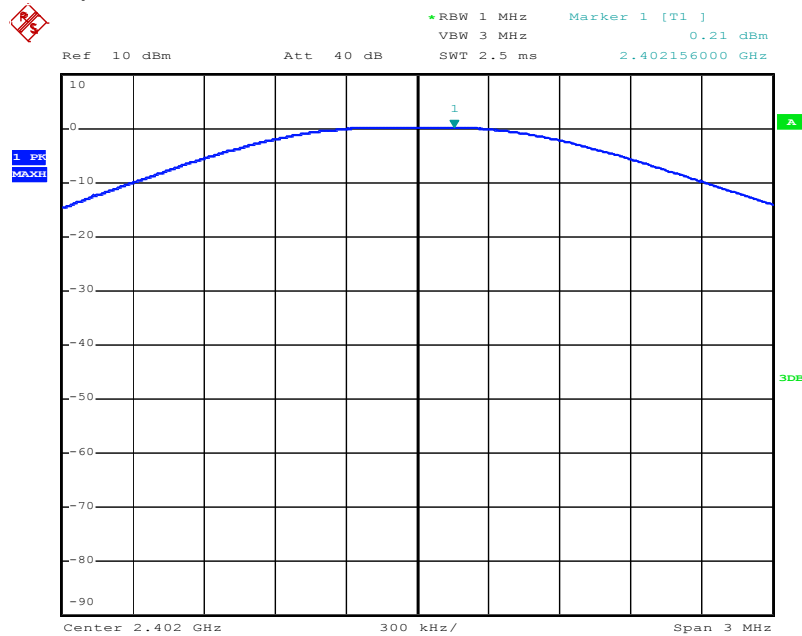
Test Channel : Low/ Middle/ High
Operation Mode : A.1
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 5: Test result of 20dB Bandwidth

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	
		BDR	EDR
Low Channel	2402	0.982	1.278
Mid Channel	2441	0.976	1.272
High Channel	2480	0.976	1.272

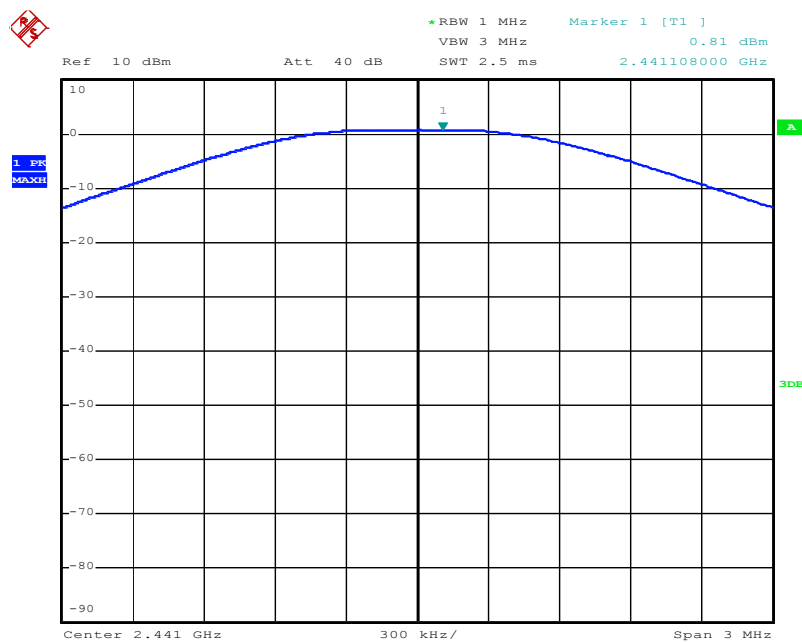
Test Plot of 20dB Bandwidth

Low Channel, BDR mode

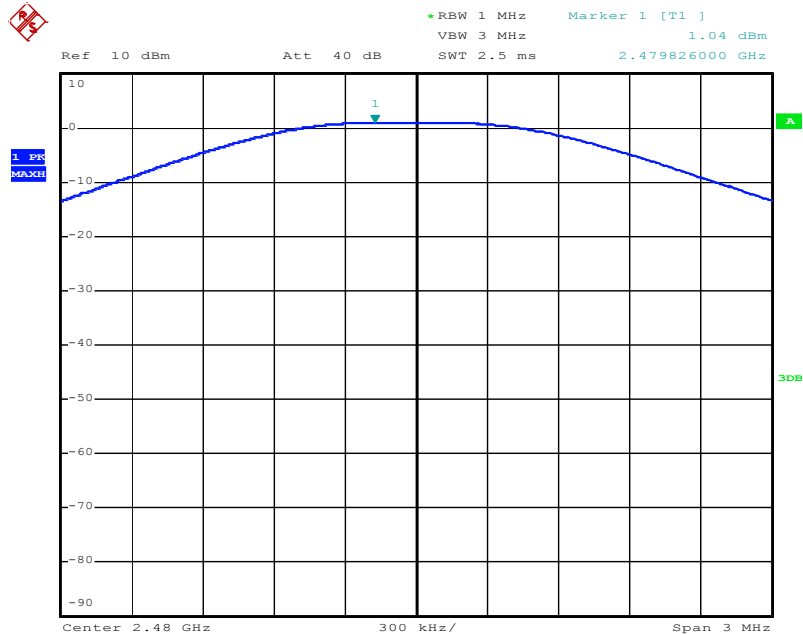


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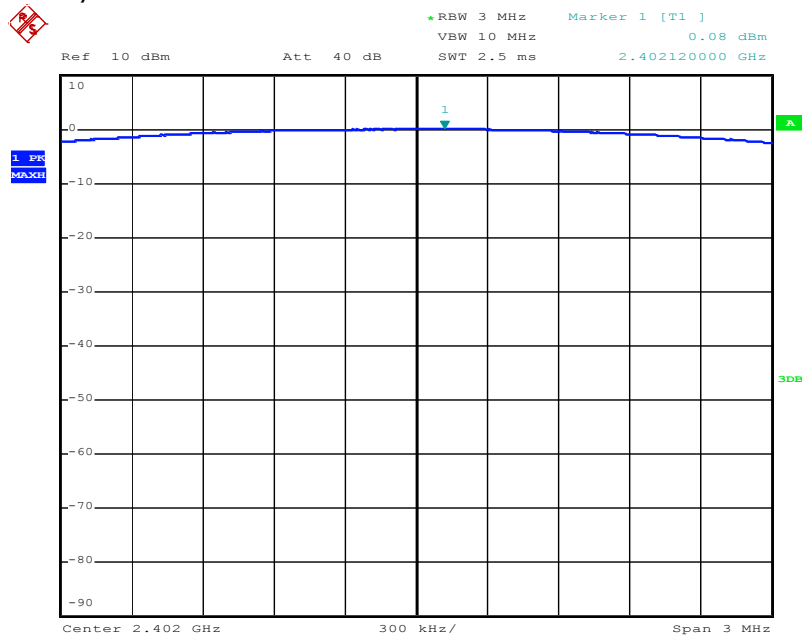
Middle Channel, BDR mode



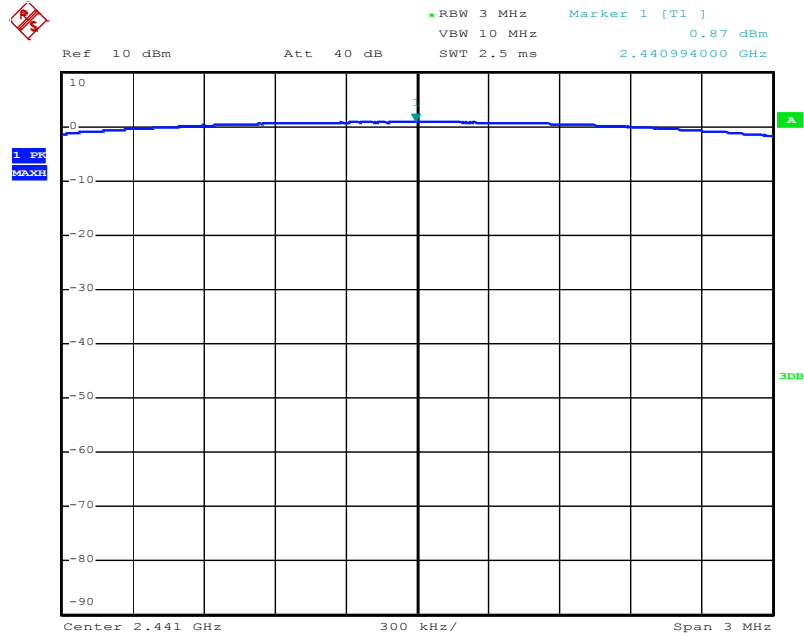
Date: 28.JUL.2012 19:49:31

High Channel, BDR mode


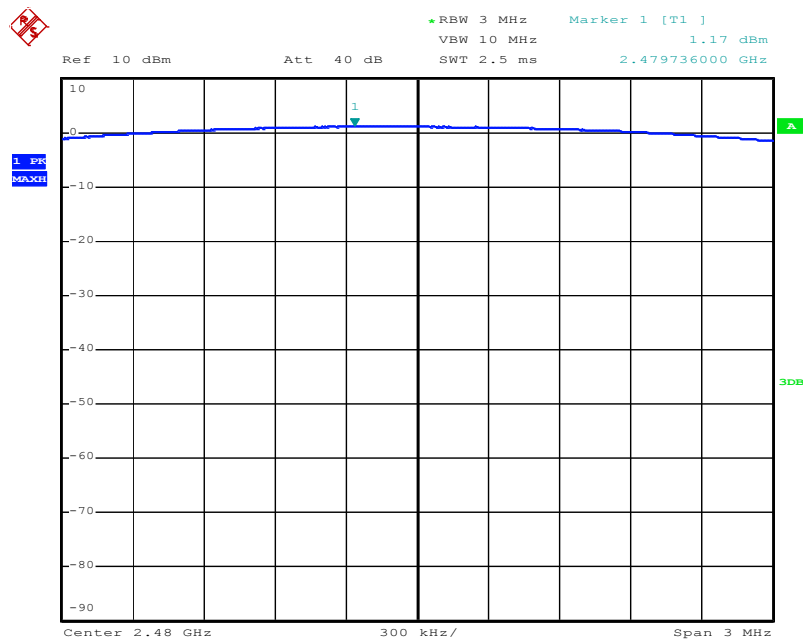
Date: 28.JUL.2012 19:49:59

Low Channel, EDR mode


Date: 28.JUL.2012 19:50:47

Middle Channel, EDR mode


Date: 28.JUL.2012 19:51:25

High Channel, EDR mode


Date: 28.JUL.2012 19:52:07

5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth**RESULT:****Pass**

Date of testing	:	2012-07-28
Test standard	:	FCC part 15.247(d)
Basic standard	:	ANSI C63.4: 2003
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);
Kind of test site	:	Shield room

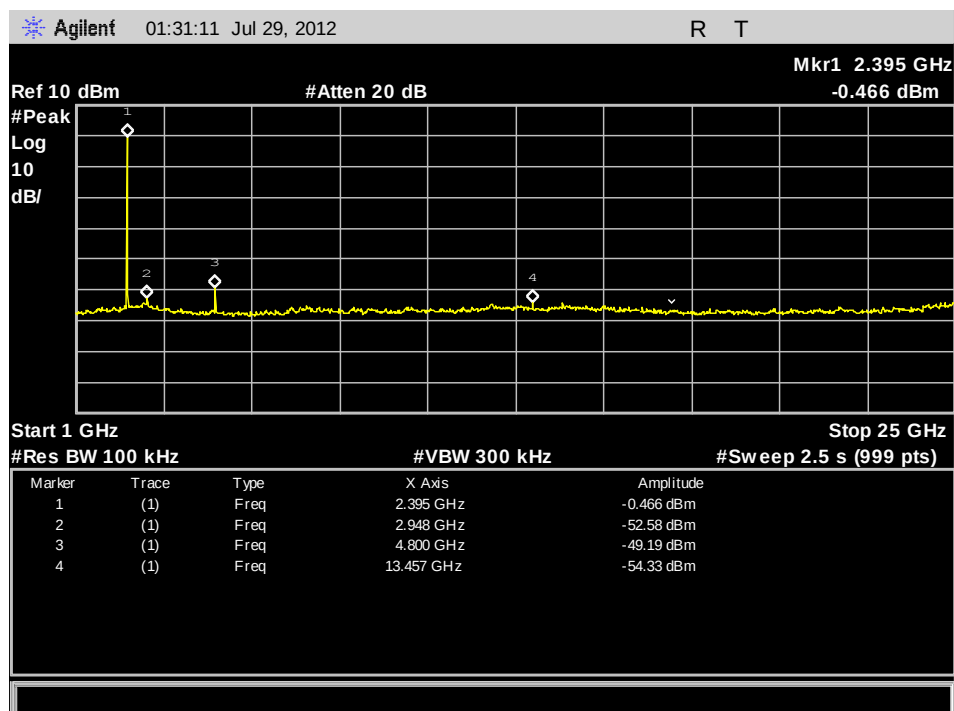
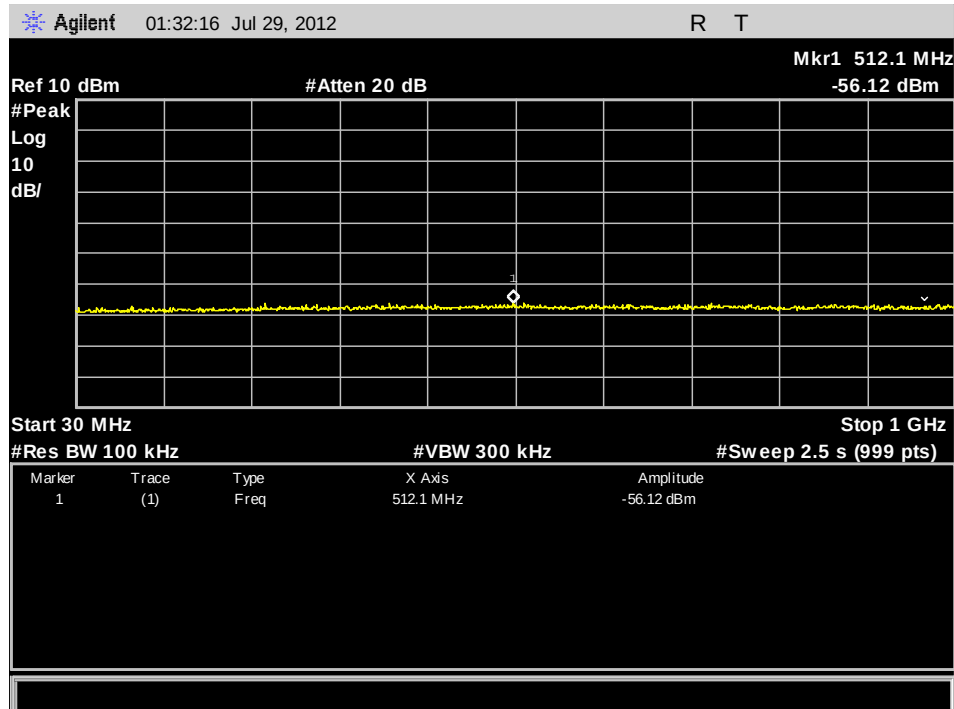
Test setup

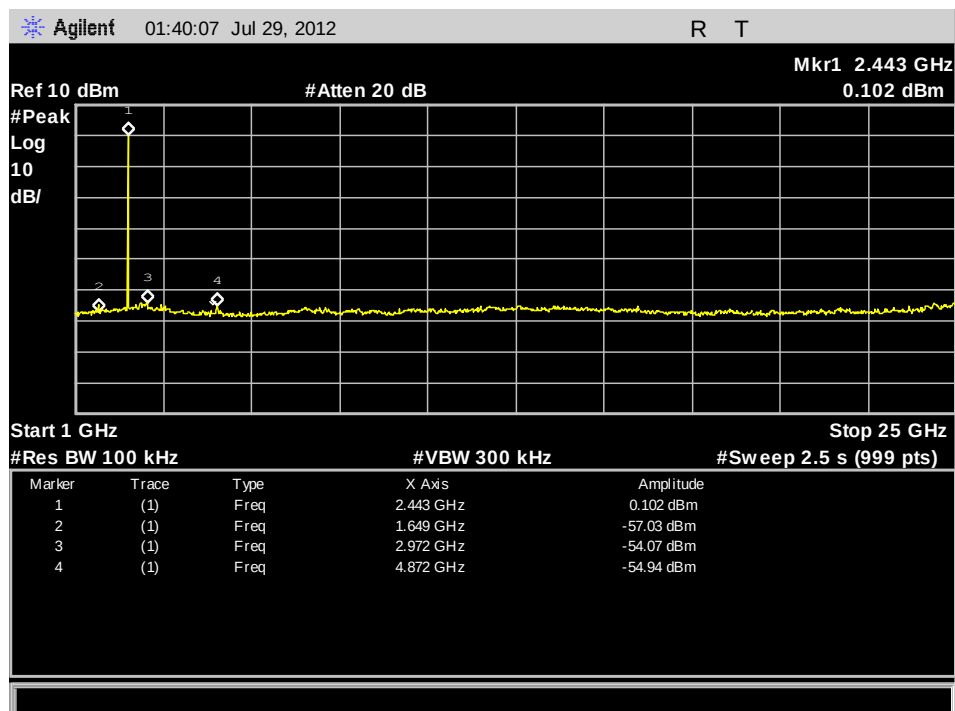
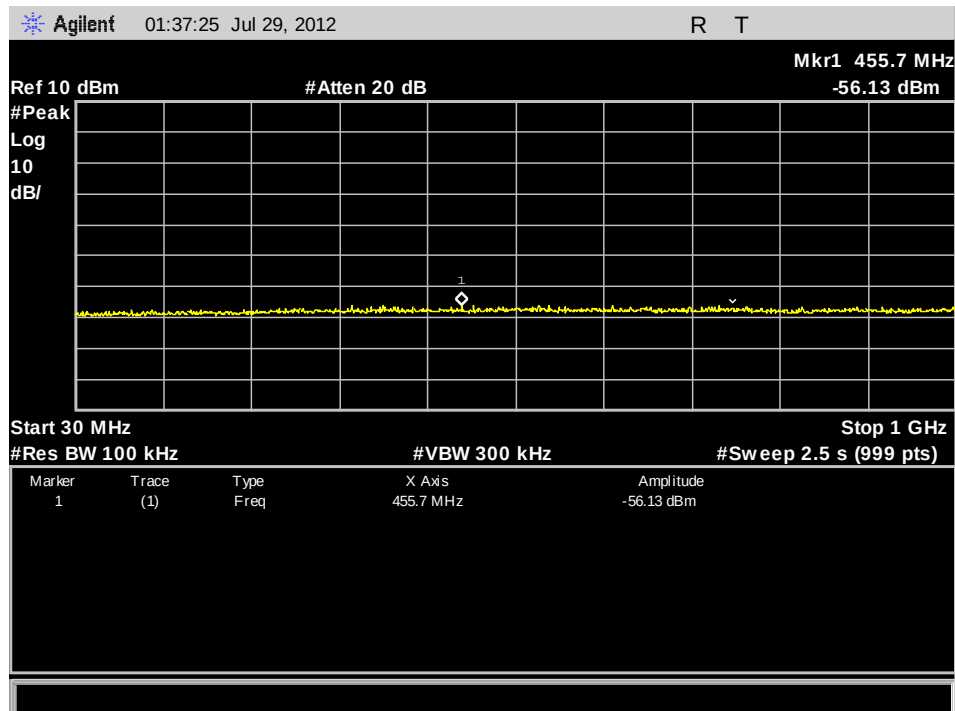
Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

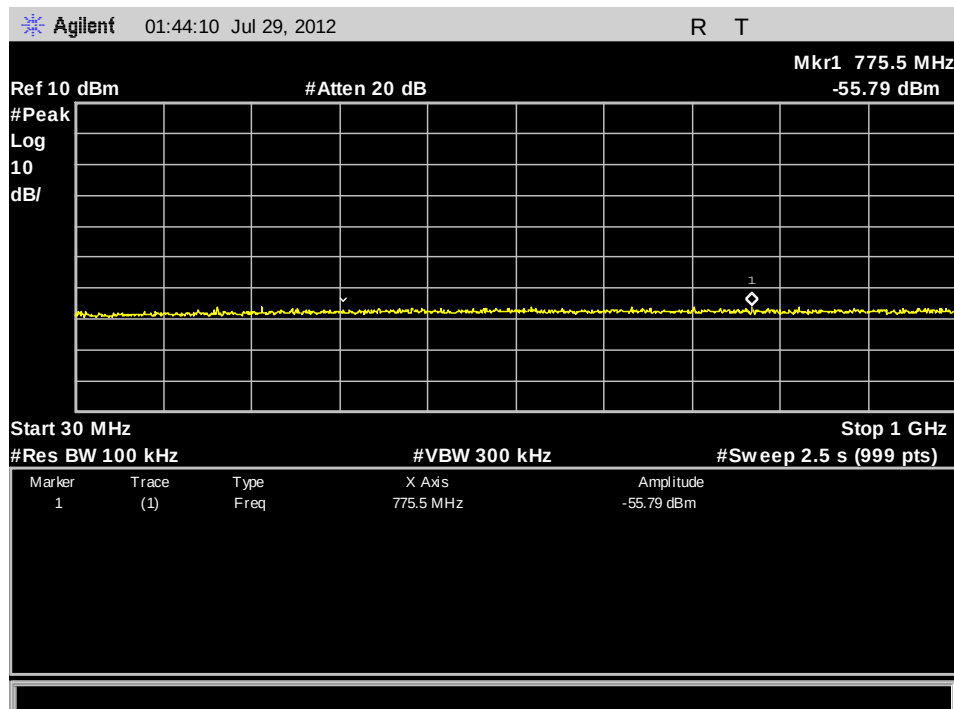
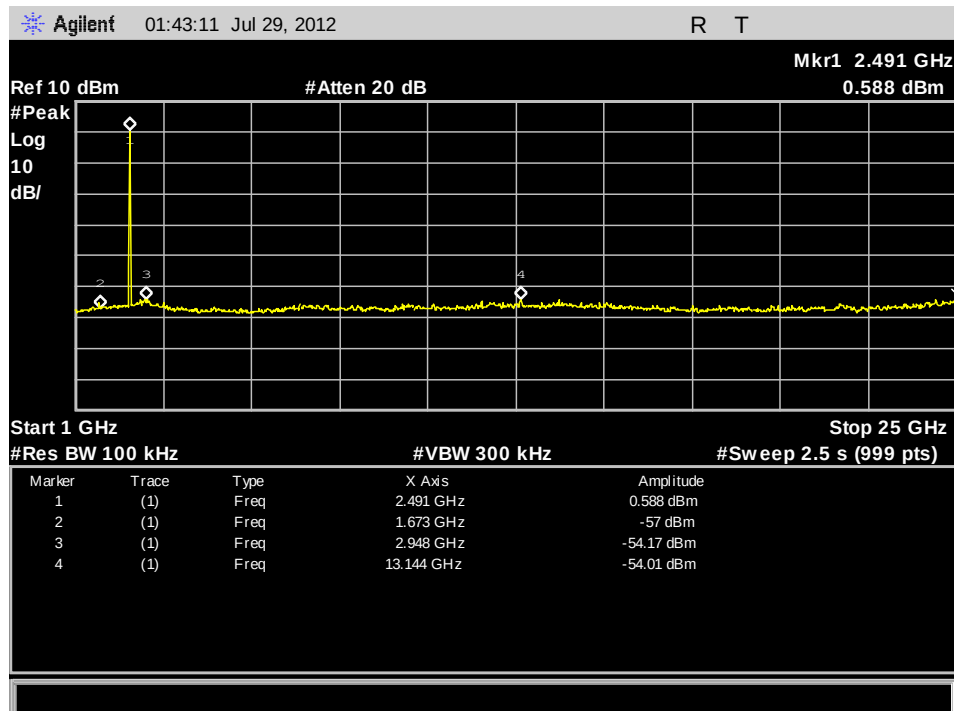
All emissions are more than 20dB below fundamental, details refer to following test plot, and compliance is achieved as well.

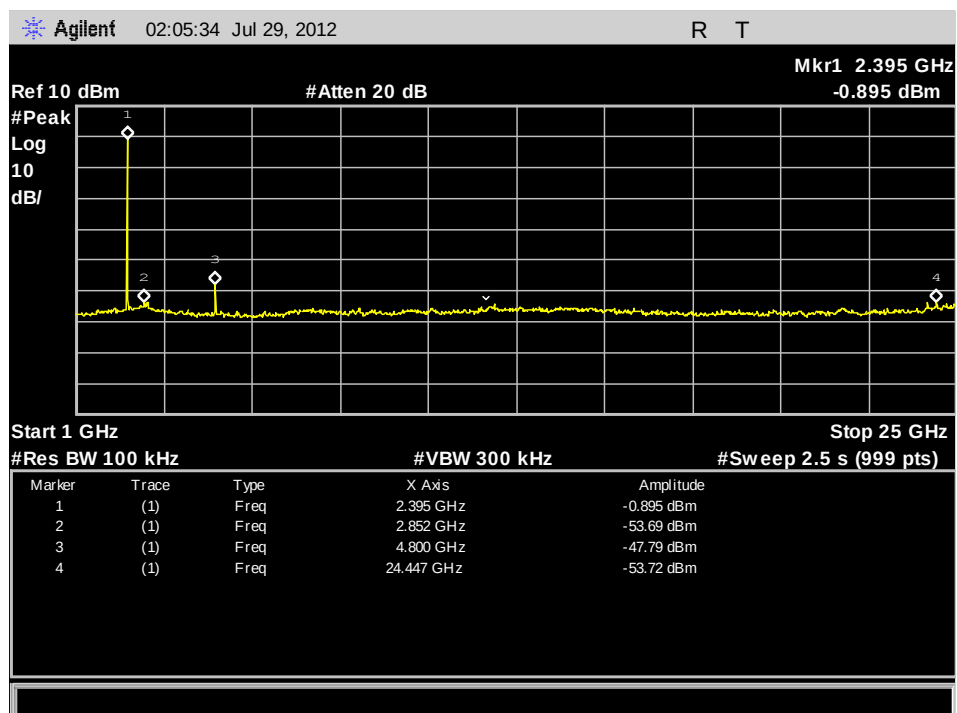
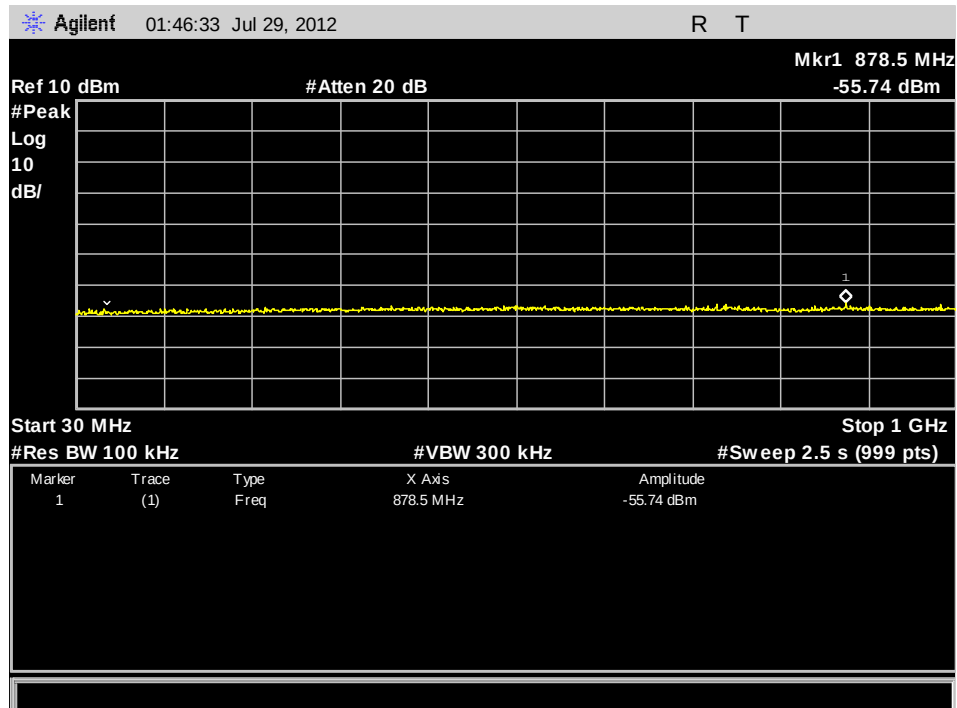
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth

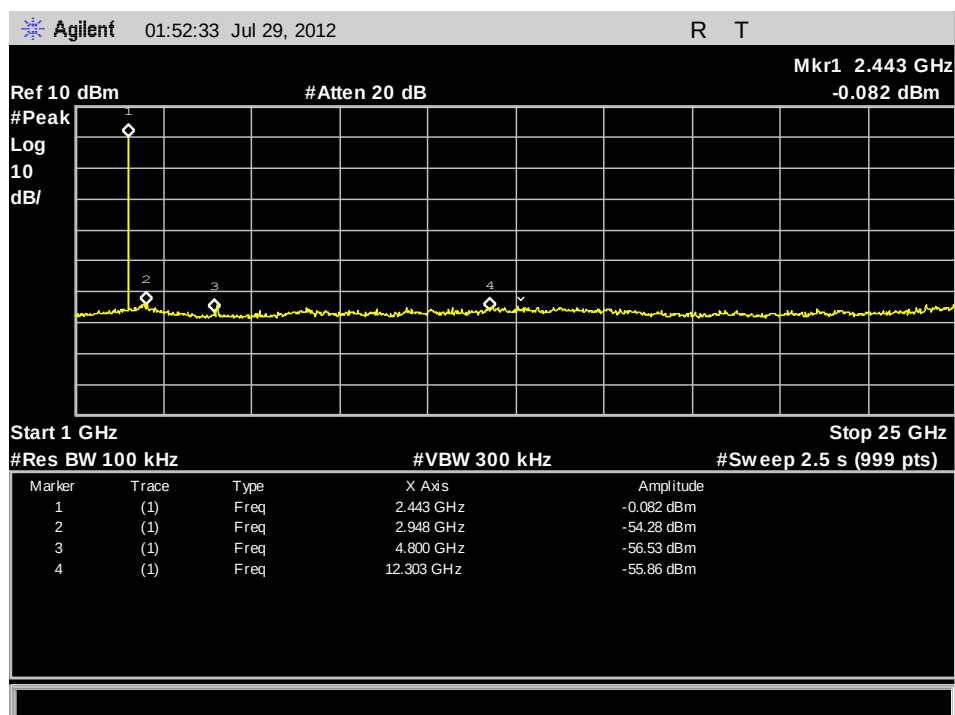
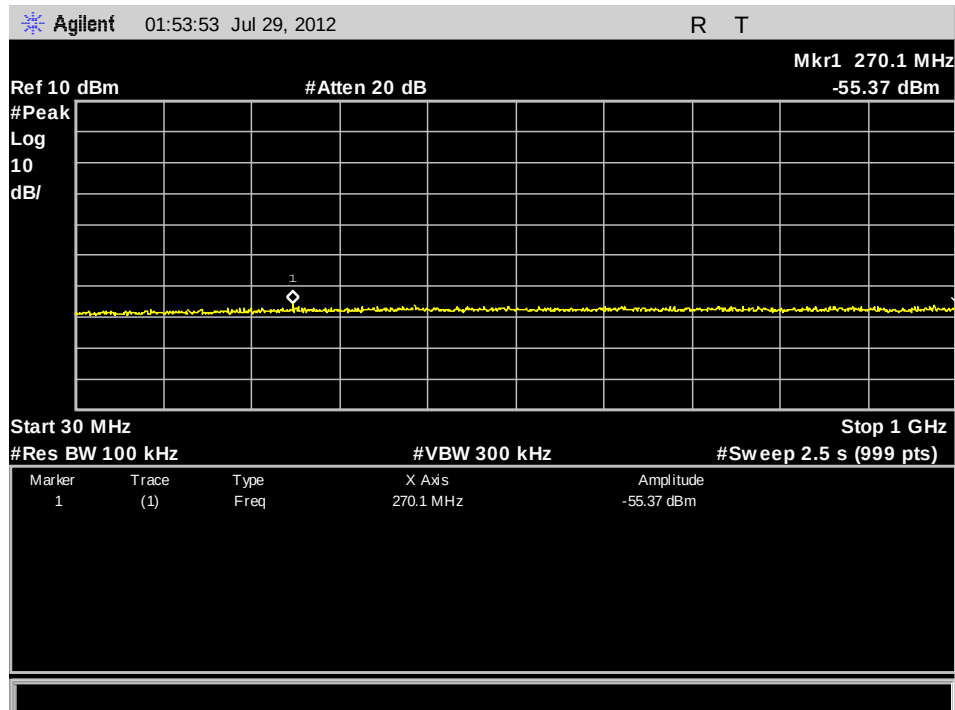
Low Channel, BDR mode

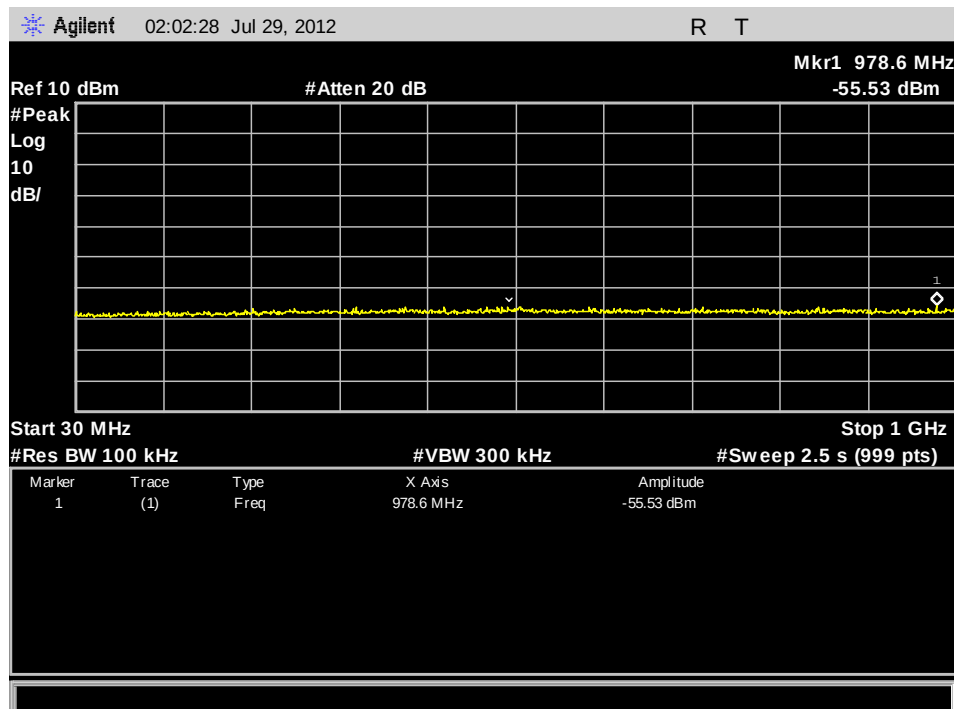
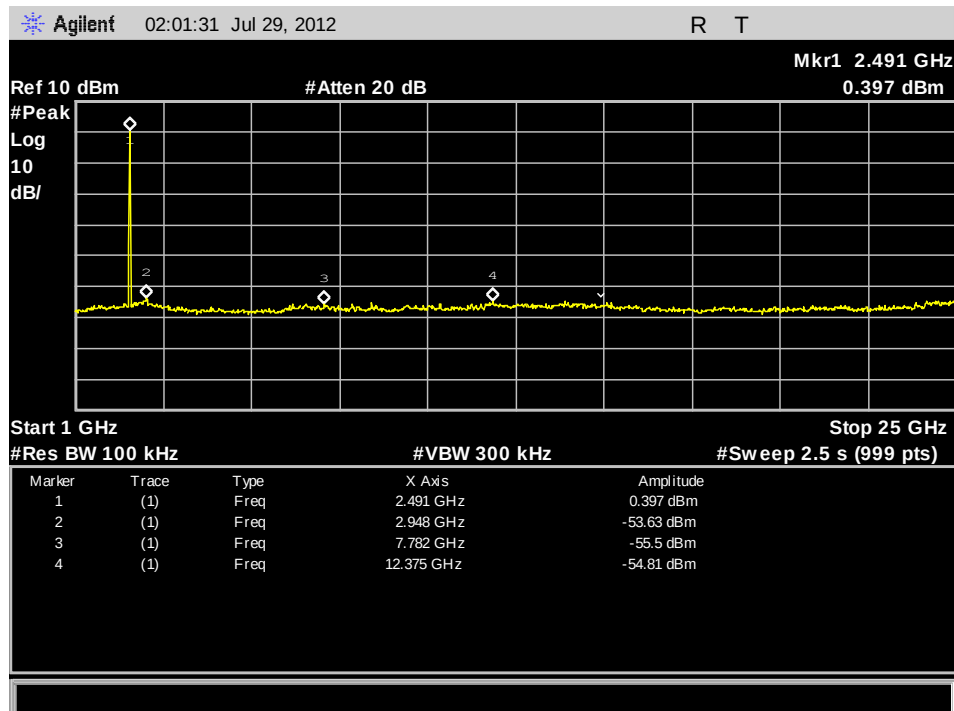


Middle Channel, BDR mode


High Channel, BDR mode


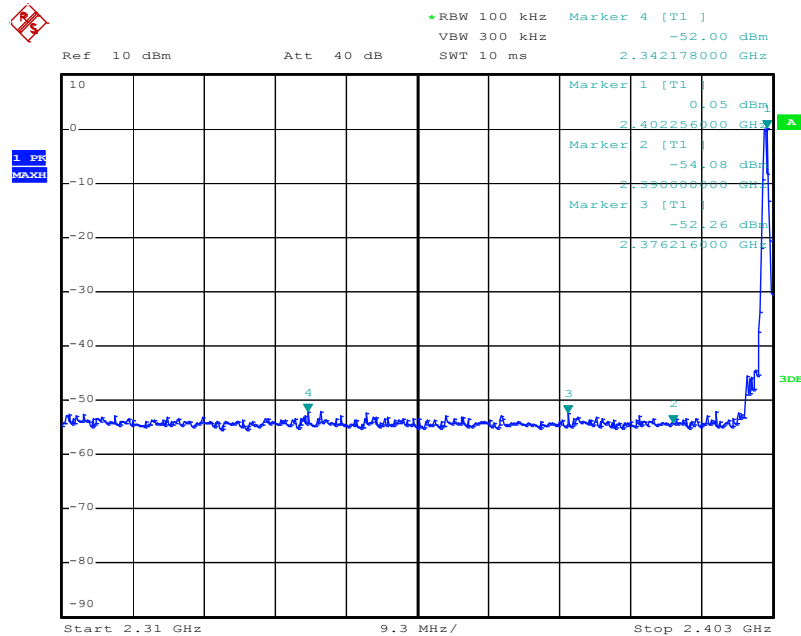
Low Channel, EDR mode


Middle Channel, EDR mode


High Channel, EDR mode


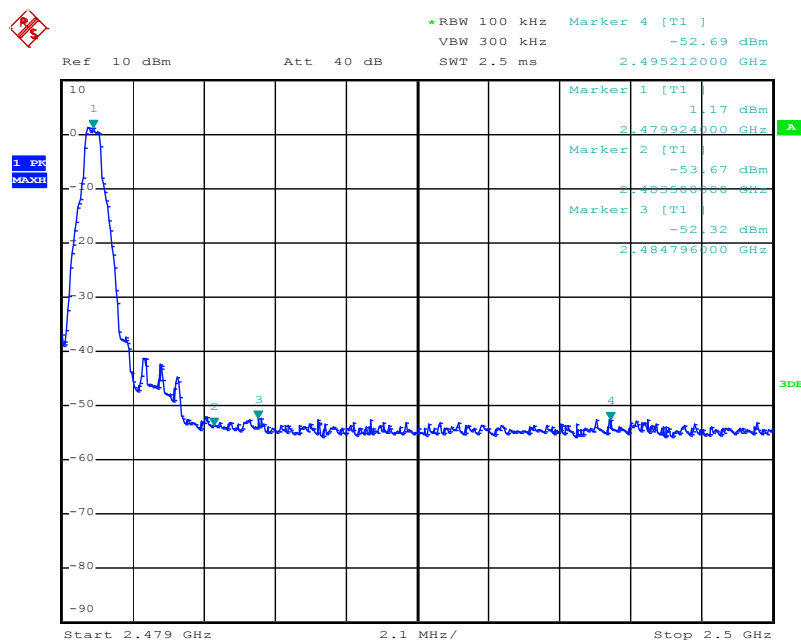
Test Plot of 100 kHz Bandwidth of Frequency Band Edge

Low Channel, BDR mode

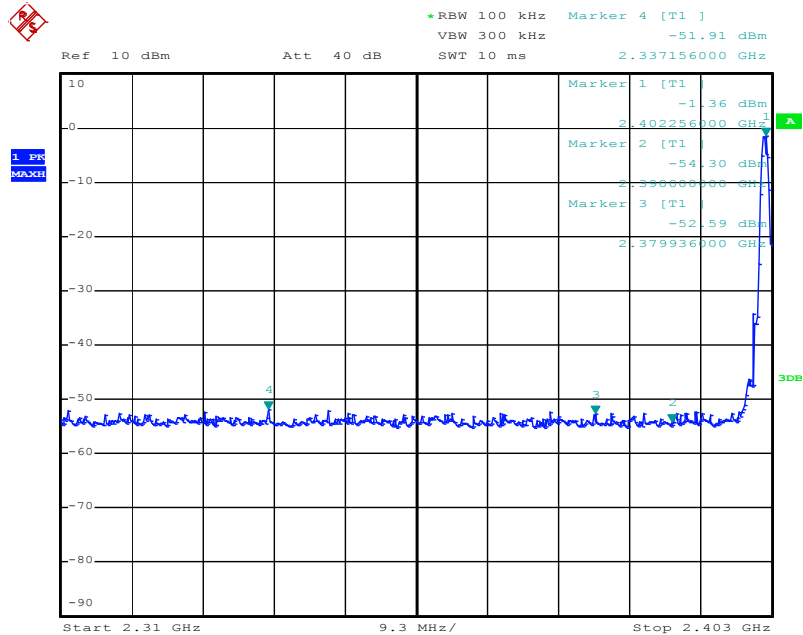


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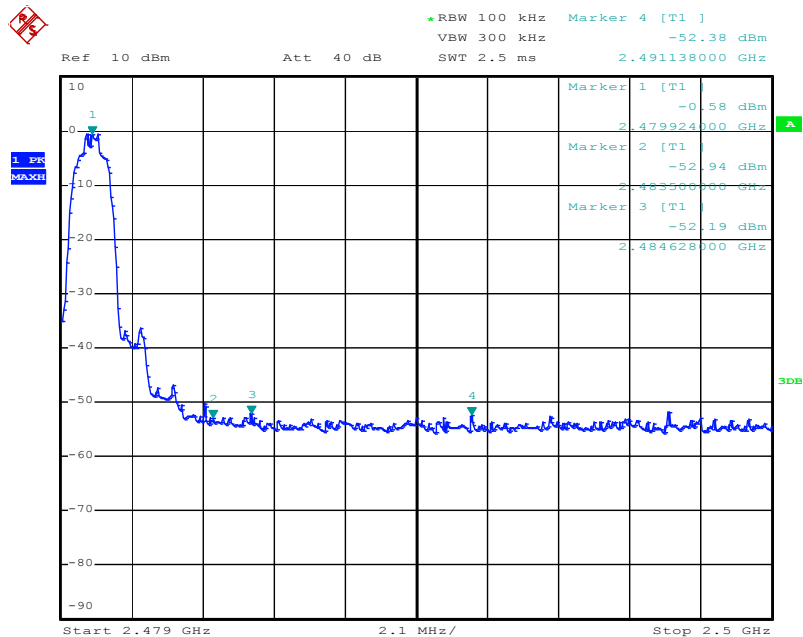
High Channel, BDR mode



Date: 28.JUL.2012 19:45:54

Low Channel, EDR mode


Date: 28.JUL.2012 19:43:41

High Channel, EDR mode


Date: 28.JUL.2012 19:44:41

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5.1.5 Spurious Emission

RESULT:**Pass**

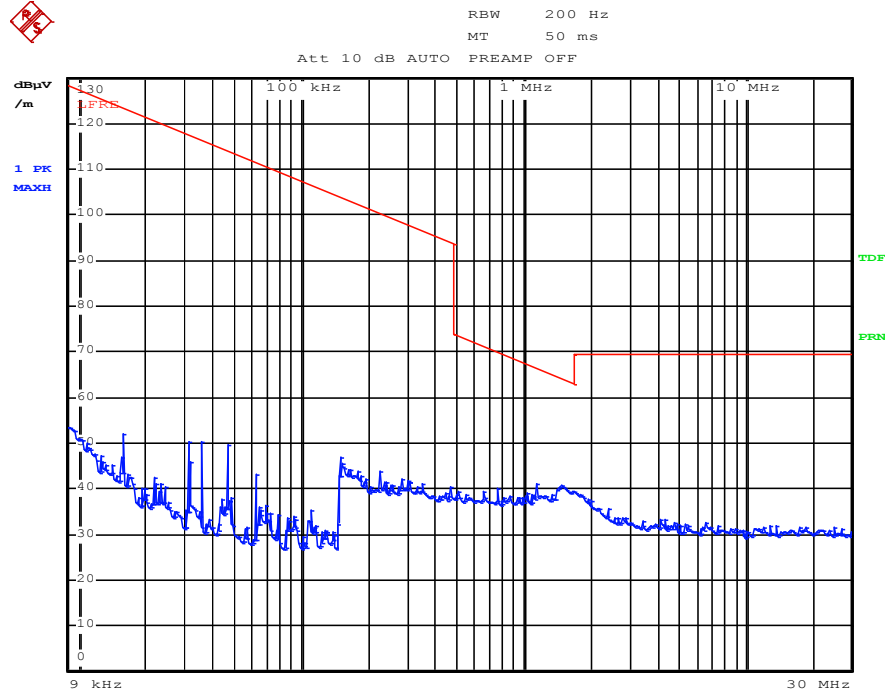
Date of testing : 2012-07-29
Test standard : FCC part 15.247(d)
Basic standard : ANSI C63.4: 2003
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

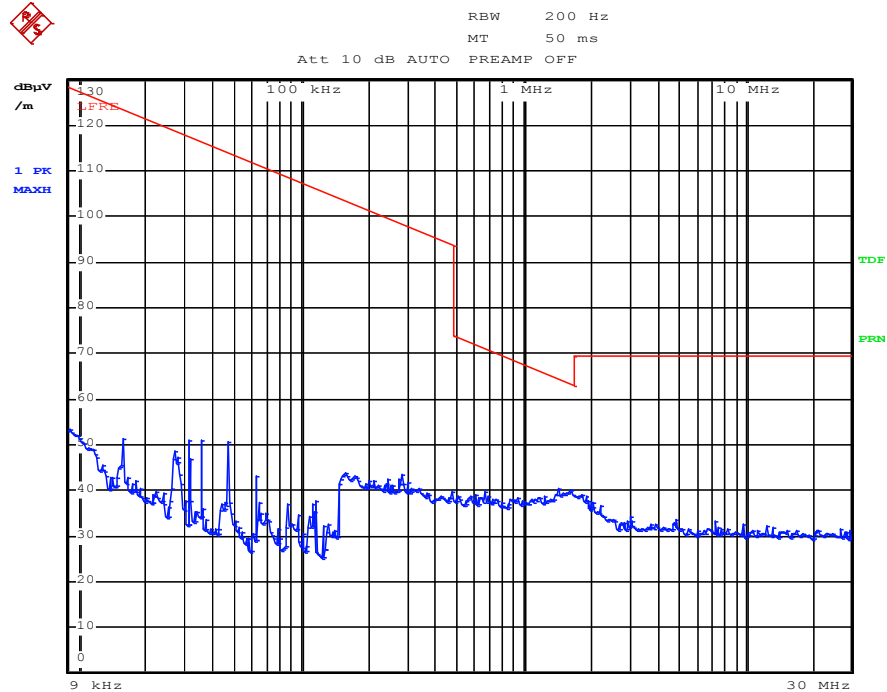
Test Channel : Low/ Middle/ High
Operation mode : A.1
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

For details refer to following test plot.

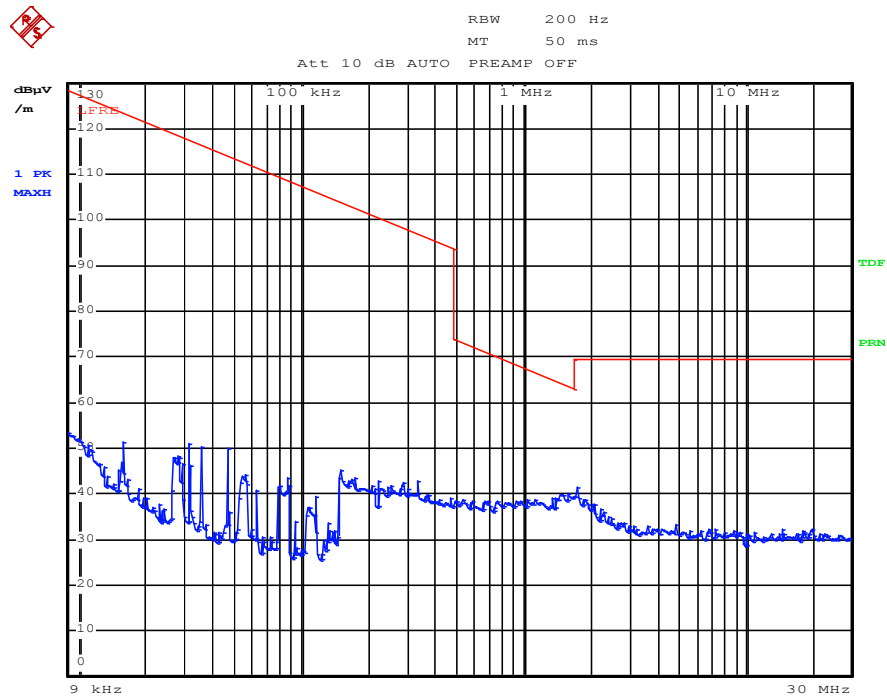
Test Plot of Radiated emissions



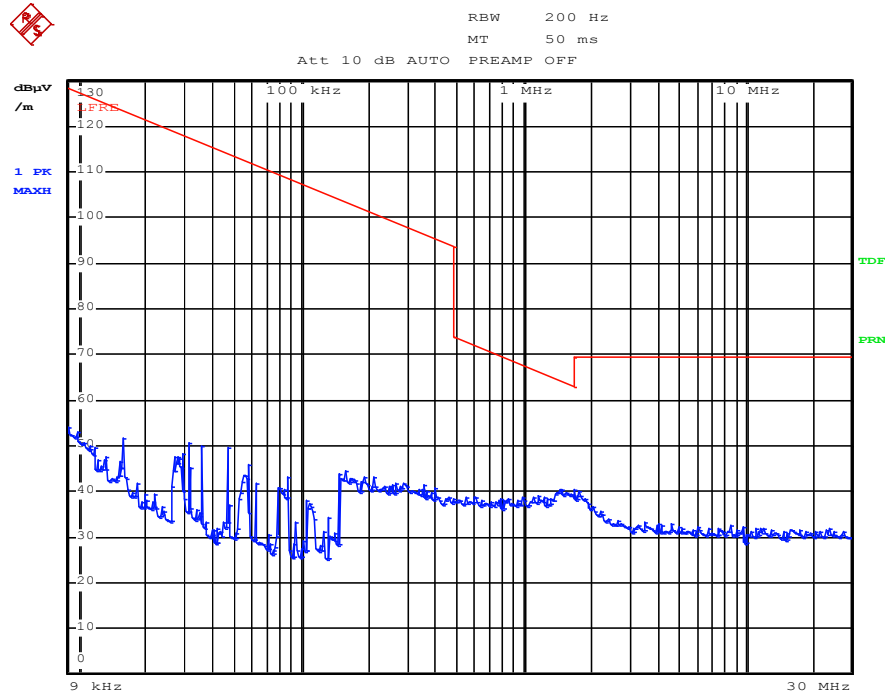
Date: 27.JUL.2012 23:09:26



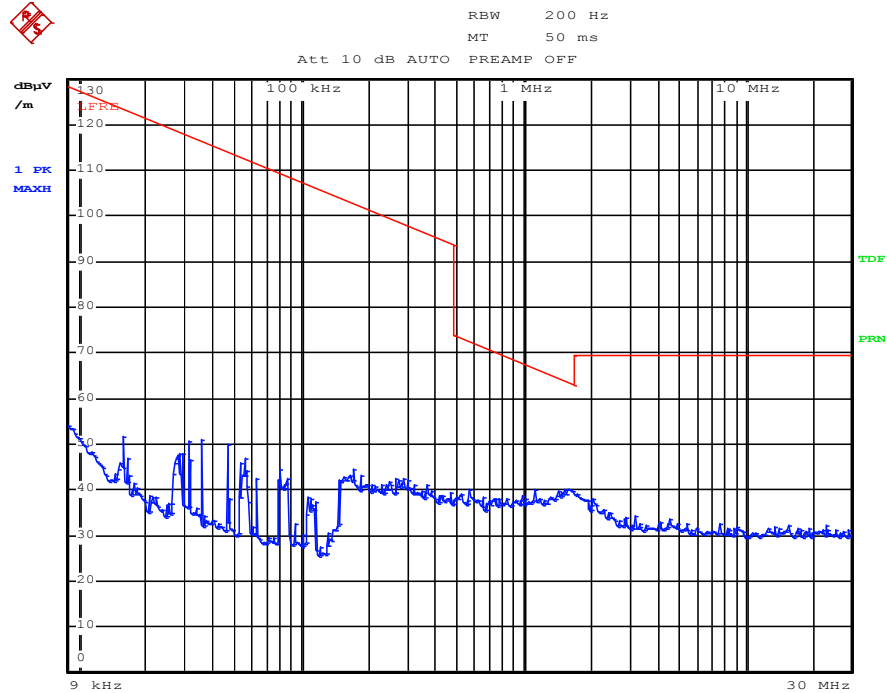
Date: 27.JUL.2012 23:11:32



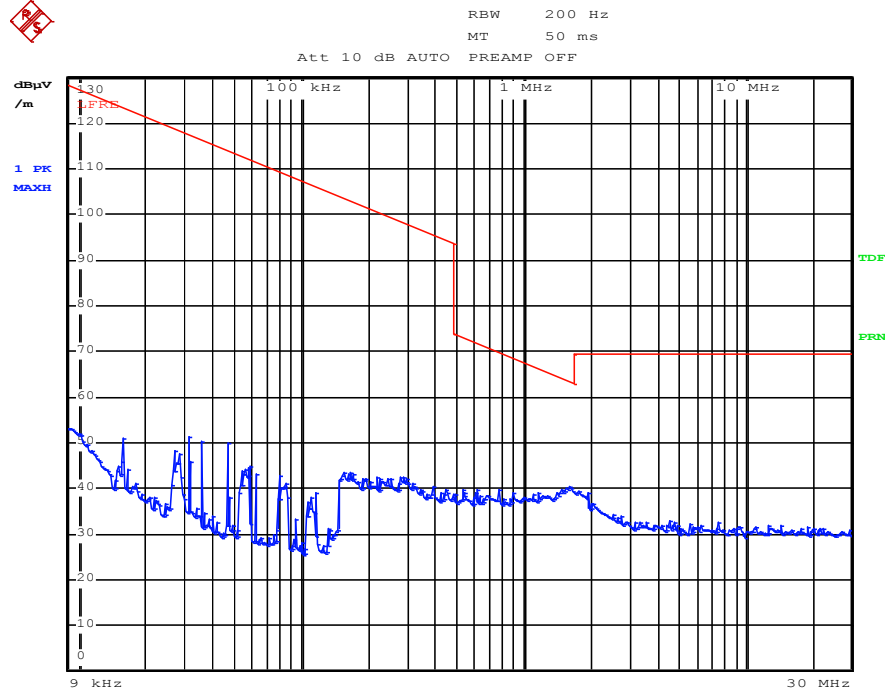
Date: 27.JUL.2012 23:13:39



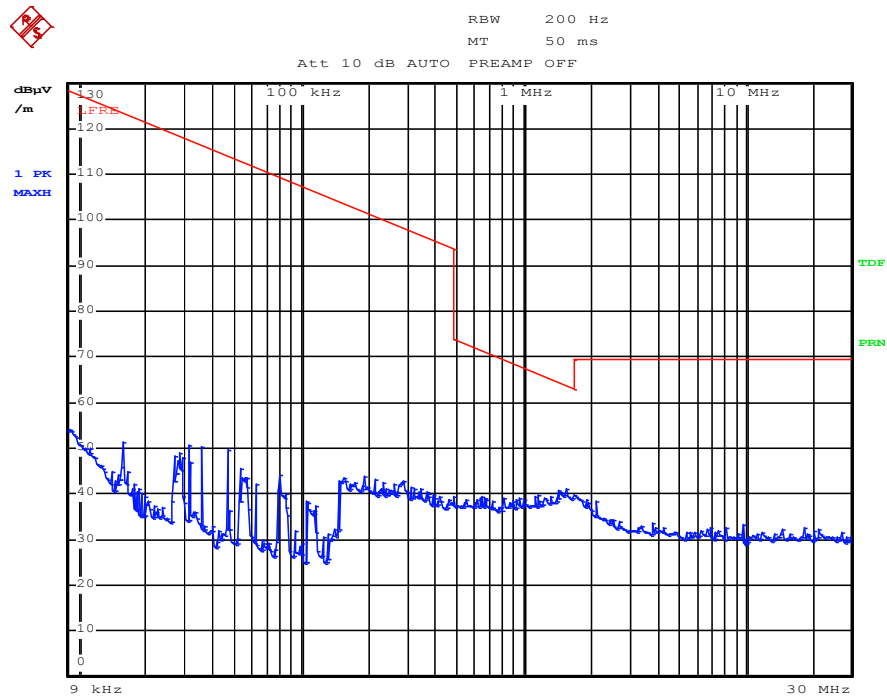
Date: 27.JUL.2012 23:16:55



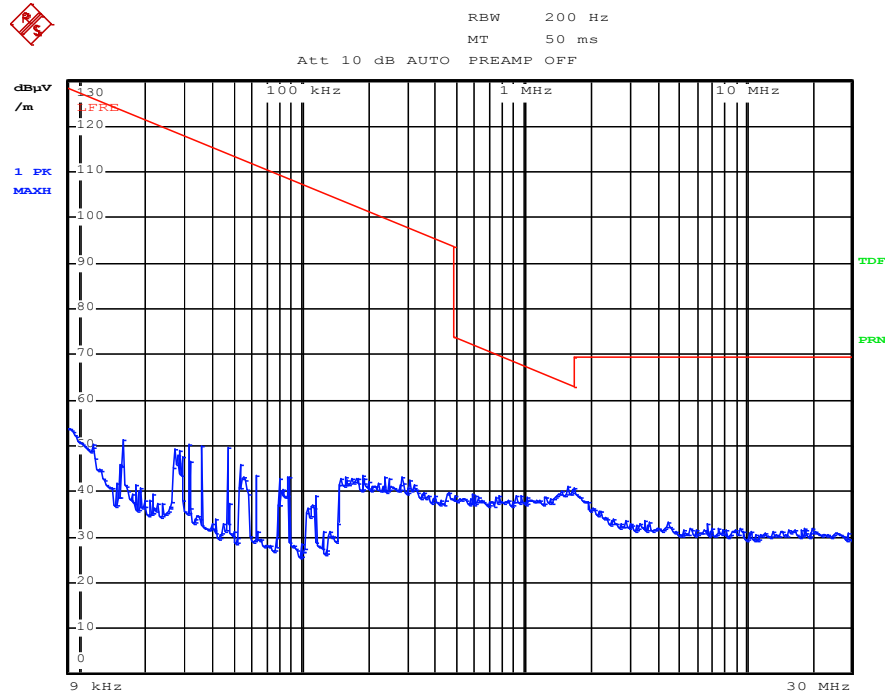
Date: 27.JUL.2012 23:20:16



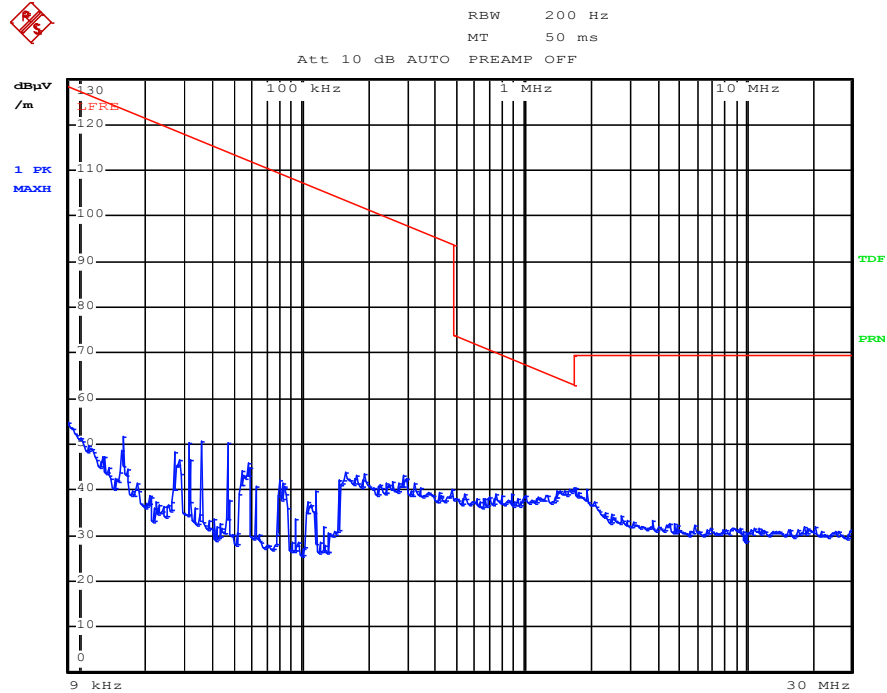
Date: 27.JUL.2012 23:22:28



Date: 27.JUL.2012 23:24:28



Date: 27.JUL.2012 23:26:34



Date: 27.JUL.2012 23:28:36


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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

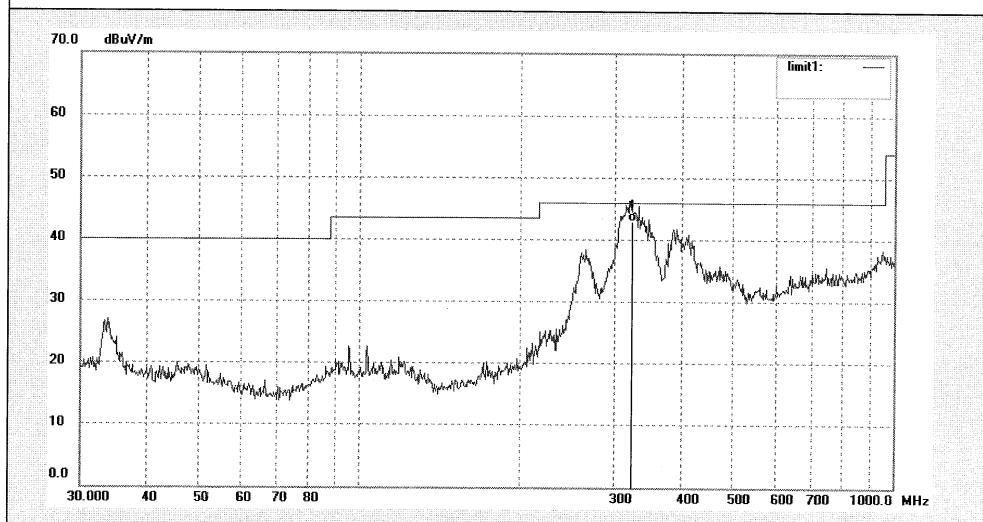
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9899
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/07/29/
Time: 0:01:55
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	322.7916	23.44	19.46	42.90	46.00	-3.10	QP			


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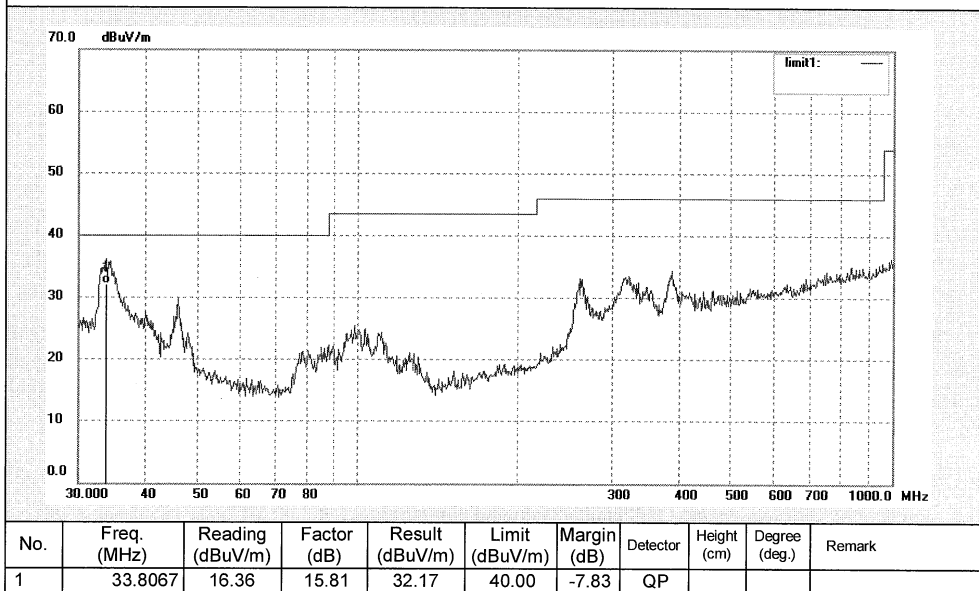
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9900
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/07/29/
Time: 0:11:36
Engineer Signature: PEI
Distance: 3m

Note:




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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9679

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Bluetooth Speaker Stand

Mode: TX 2402MHz

Model: RF-BTSS01

Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Horizontal

Power Source: AC 120V/60Hz

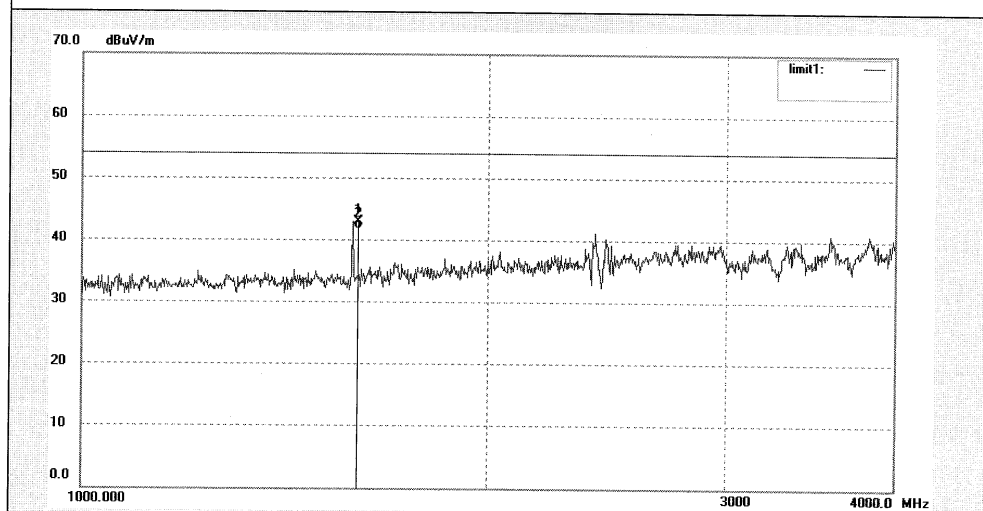
Date: 12/07/23/

Time: 8:38:22

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1601.993	53.98	-11.07	42.91	54.00	-11.09	peak			
2	1601.993	52.86	-11.07	41.79	54.00	-12.21	AVG			


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Site: 966 chamber

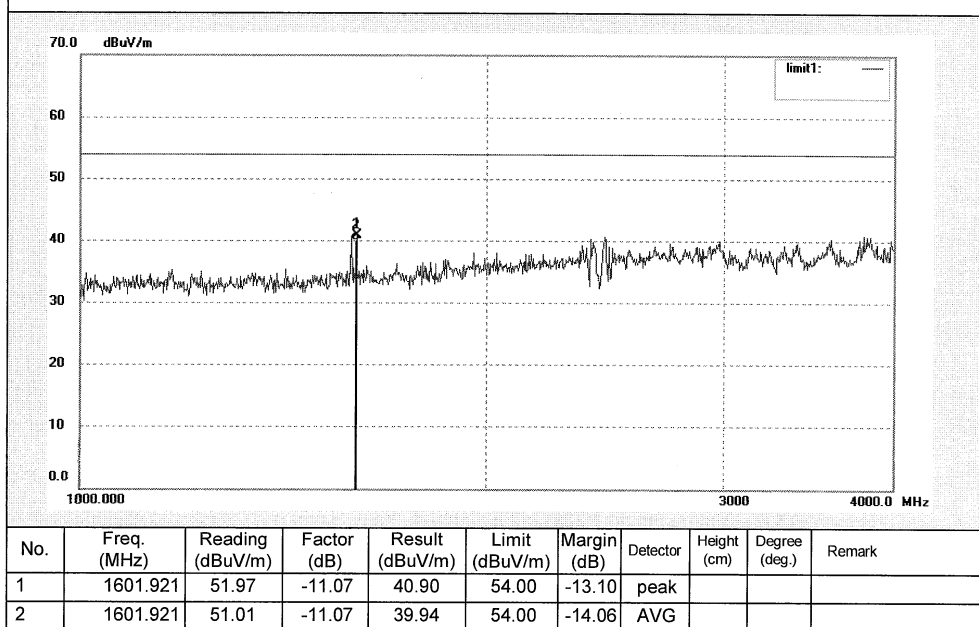
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9678
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/07/23/
Time: 8:30:59
Engineer Signature: PEI
Distance: 3m

Note:




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Site: 966 chamber

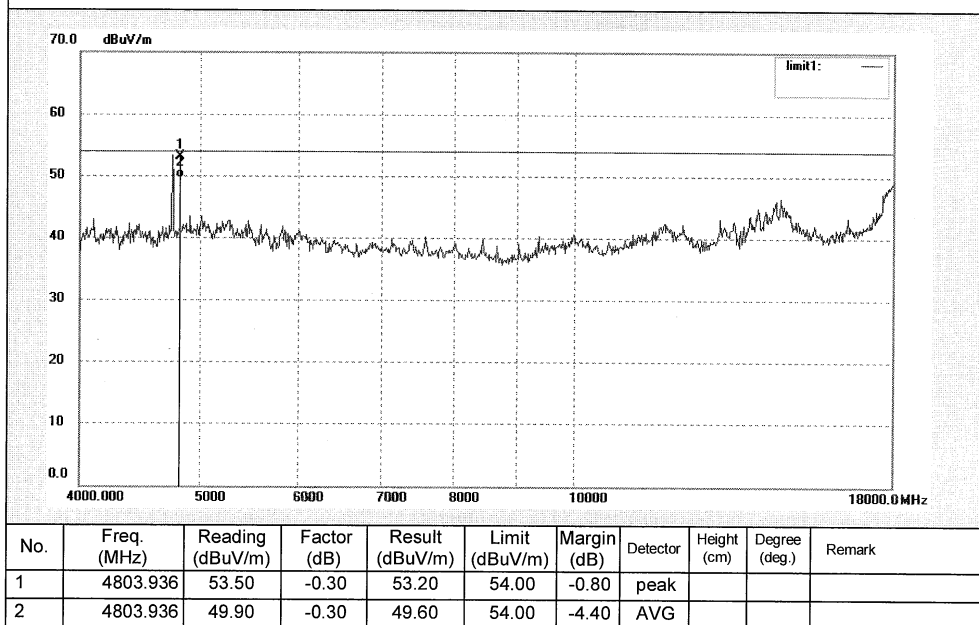
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9664
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/07/20/
Time: 21:43:49
Engineer Signature: PEI
Distance: 3m

Note:




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Site: 966 chamber

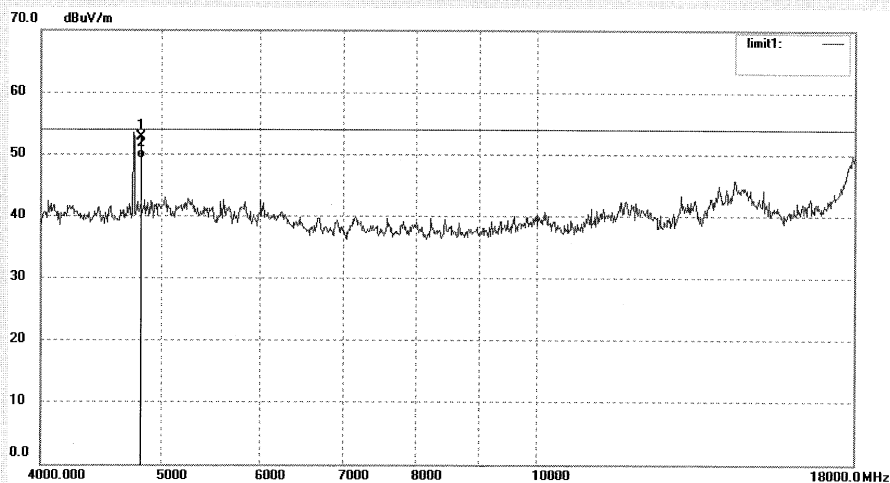
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9665
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/07/20/
Time: 21:53:33
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4803.971	53.00	-0.30	52.70	54.00	-1.30	peak			
2	4803.971	49.50	-0.30	49.20	54.00	-4.80	AVG			


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

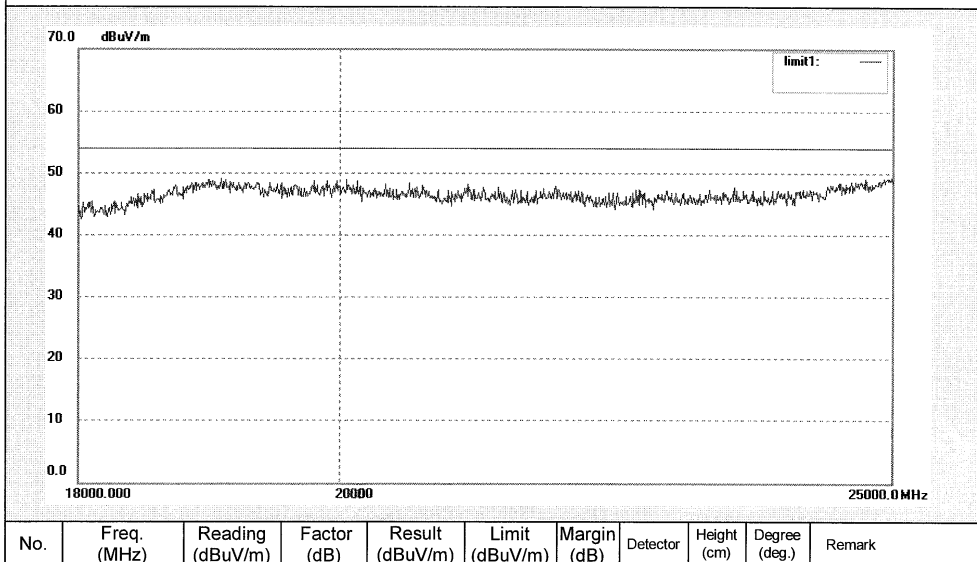
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9682
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/07/23/
Time: 19:19:50
Engineer Signature: PEI
Distance: 3m

Note:




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Site: 966 chamber

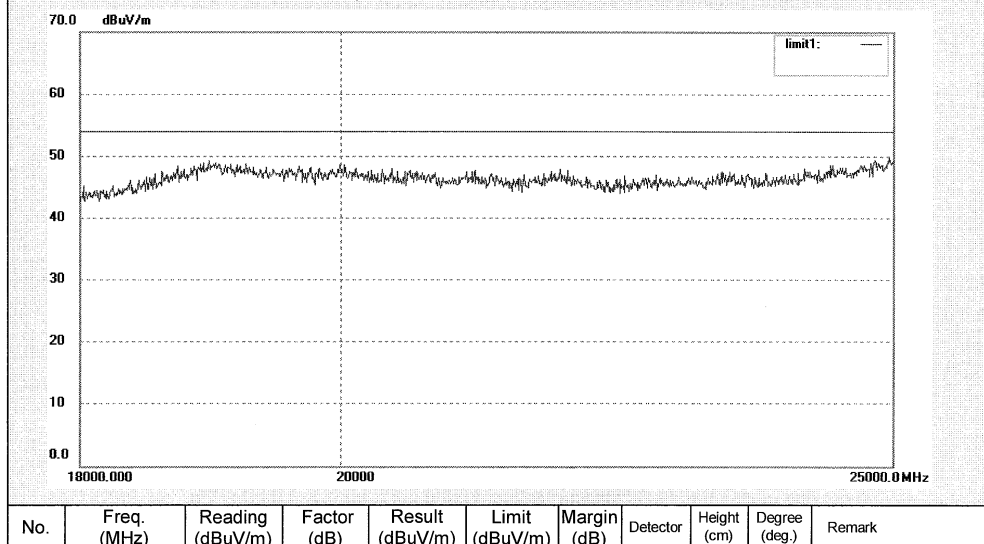
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9683
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: Bluetooth Speaker Stand
Mode: TX 2402MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/07/23/
Time: 19:26:21
Engineer Signature: PEI
Distance: 3m

Note:




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Site: 966 chamber

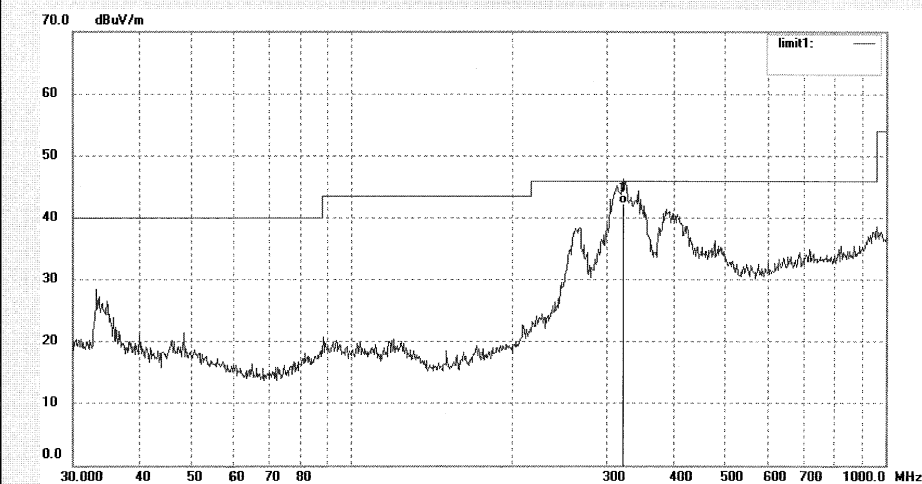
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9902
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2441MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/07/29/
Time: 0:28:14
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	322.4581	22.79	19.44	42.23	46.00	-3.77	QP			


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Site: 966 chamber

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Fax:+86-0755-26503396

Job No.: pei #9901

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Bluetooth Speaker Stand

Mode: TX 2441MHz

Model: RF-BTSS01

Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

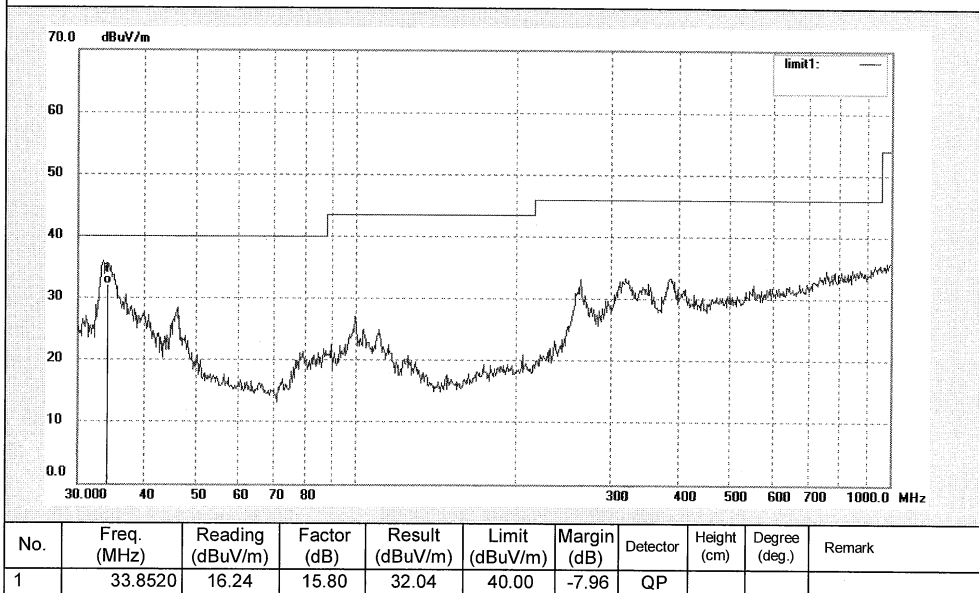
Date: 12/07/29/

Time: 0:20:21

Engineer Signature: PEI

Distance: 3m

Note:



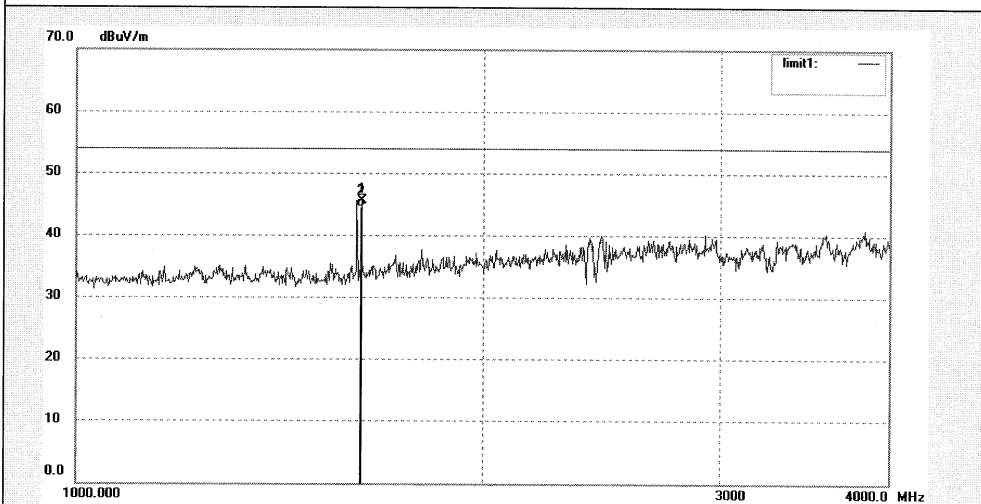

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Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #9680	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/23/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:46:00
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1626.669	56.50	-10.92	45.58	54.00	-8.42	peak			
2	1626.669	55.48	-10.92	44.56	54.00	-9.44	AVG			


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Site: 966 chamber

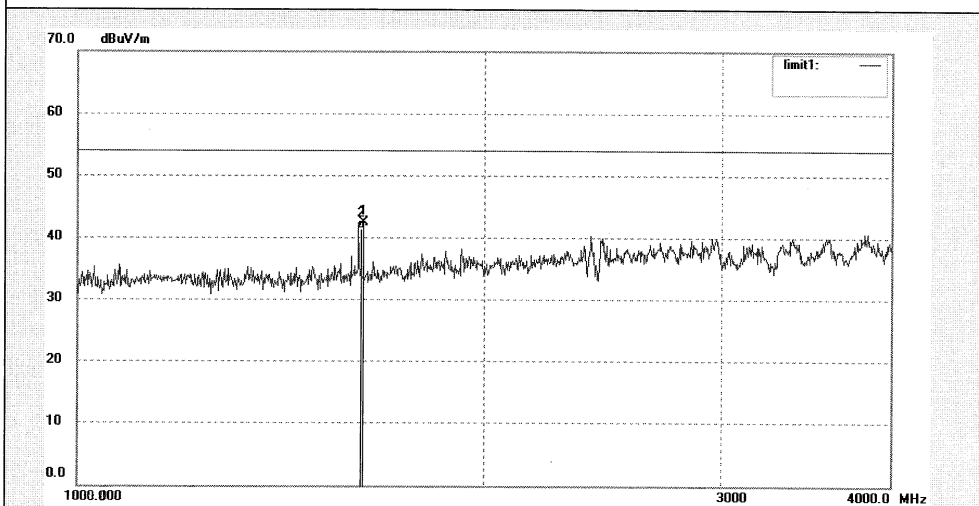
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9681
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2441MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 12/07/23/
Time: 8:54:35
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1626.660	53.33	-10.92	42.41	54.00	-11.59	peak			
2	1626.660	52.27	-10.92	41.35	54.00	-12.65	AVG			


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber

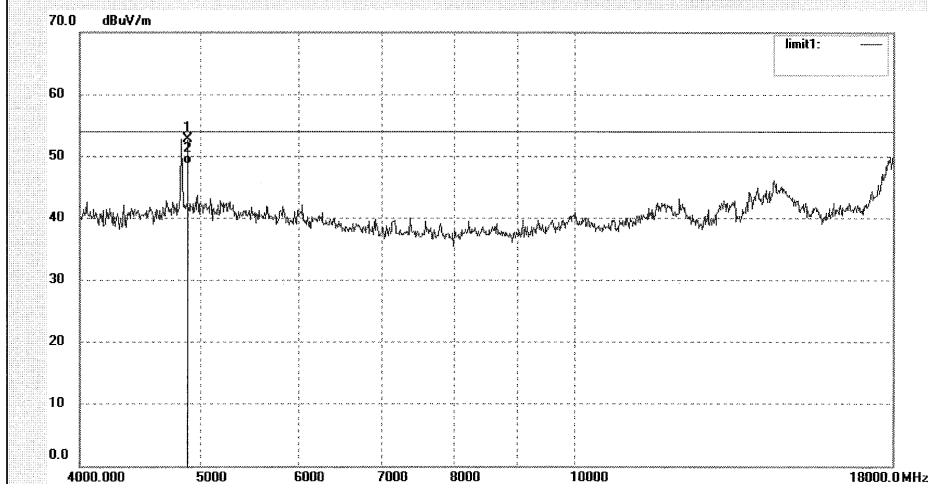
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9667
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: Bluetooth Speaker Stand
Mode: TX 2441MHz
Model: RF-BTSS01
Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 12/07/20/
Time: 22:13:12
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4882.019	52.56	0.14	52.70	54.00	-1.30	peak			
2	4882.019	48.66	0.14	48.80	54.00	-5.20	AVG			


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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9666

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: Bluetooth Speaker Stand

Mode: TX 2441MHz

Model: RF-BTSS01

Manufacturer: Cyber Acoustics (HK) Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

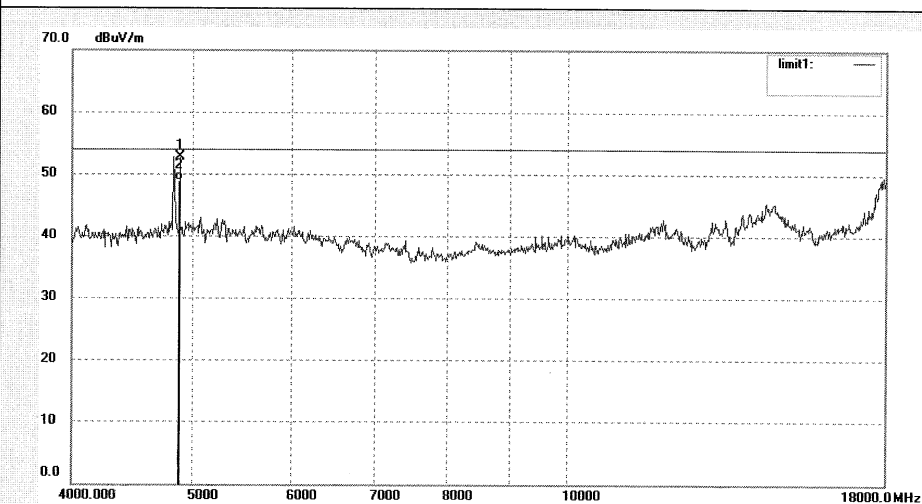
Date: 12/07/20/

Time: 22:02:21

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4881.970	52.69	0.14	52.83	54.00	-1.17	peak			
2	4881.970	48.76	0.14	48.90	54.00	-5.10	AVG			