

**FCC 15.247& RSS-247
(Class II Permissive Change)
2.4 GHz Report**

for

LG Electronics Inc.

**222, LG-ro, Jinwi-myeon, Pyeongtaek-si,
Gyeonggi-do, 451-713 Korea**

Product Name : ZigBee Connector
Brand : LG
Model Name : 9ZS52055DA
FCC ID : BEJ9ZS52055DA
IC : 2703H-9ZS52055DA

**Prepared by: : AUDIX Technology Corporation,
EMC Department**



TABLE OF CONTENTS

Description	Page
TEST REPORT CERTIFICATION	4
1. REPORT HISTORY.....	4
2. SUMMARY OF TEST RESULTS	5
3. GENERAL INFORMATION	6
3.1. Description of EUT	6
3.2. Information for Class II Change Permissive	7
3.3. EUT Specifications Assessed in Current Report	8
3.4. Test Configuration	8
3.5. Tested Supporting System List	9
3.6. Setup Configuration	9
3.7. Operating Condition of EUT	9
3.8. Description of Test Facility	10
3.9. Measurement Uncertainty	10
4. MEASUREMENT EQUIPMENT LIST.....	11
4.1. Radiated Emission Measurement	11
5. RADIATED EMISSION MEASUREMENT	12
5.1. Block Diagram of Test Setup	12
5.2. Radiated Emission Limits	13
5.3. Test Procedure	14
5.4. Measurement Result Explanation	15
5.5. Test Results.....	15
6. DEVIATION TO TEST SPECIFICATIONS.....	25
APPENDIX A TEST PHOTOGRAPHS	

TEST REPORT CERTIFICATION (Class II Permissive Change)

Applicant : LG Electronics Inc.
Manufacturer : LG Electronics Inc.
Factory : OHSUNG ELECTRONICS CO., LTD.
Product Name : ZigBee Connector
Model No. : 9ZS52055DA
Serial No. : N/A
Brand Name : LG
Power Supply : DC 5V

Applicable Standards:

47 CFR FCC Part 15 Subpart C: 2016
RSS-Gen (Issue 4), November 2014
RSS-247 (Issue 1), May 2015
ANSI C63.10:2013
KDB 558074 D01 DTS Meas Guidance v03r05

AUDIX Technology Corp. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report. **AUDIX Technology Corp.** does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens and samples.

Date of Test: 2017. 02. 09

Date of Report: 2017. 02. 09

Producer: Sabrina Wang
(Sabrina Wang/Administrator)

Signatory: Ben Cheng
(Ben Cheng/Manager)

1. REPORT HISTORY

Revision	Date	Revision Summary	Report Number
0	2017. 02. 09	Original Report.	EM-F170066

2. SUMMARY OF TEST RESULTS

Rule		Description	Results
FCC	IC		
15.207	RSS-Gen §8.8	Conducted Emission	N/A, Note
15.247(d)/ 15.205	RSS-Gen §8.9 RSS-247 §5.5	Radiated Band Edge and Radiated Spurious Emission	PASS
15.247(a)(2)	RSS-247 §5.2(1)	6dB Bandwidth	N/A, Note
15.247(b)(3)	RSS-247 §5.4(4)	Maximum Peak Output	N/A, Note
15.247(d)	RSS-247 §5.5	Conducted Band Edges and Conducted Spurious Emission	N/A, Note
15.247 (e)	RSS-247 §5.2(2)	Peak Power Spectral Density	N/A, Note
15.203	----	Antenna Requirement	N/A, Note
Note: To Class II Change Permissive is not influence on this test.			

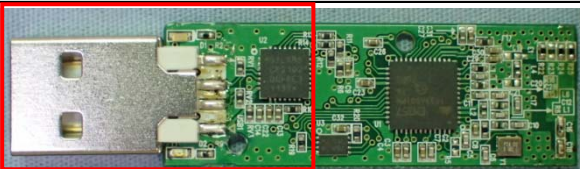
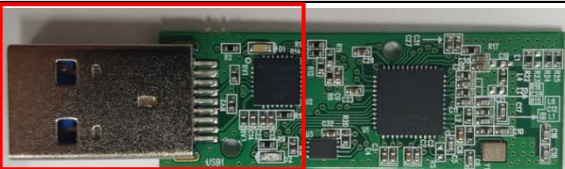
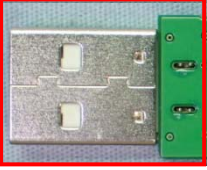
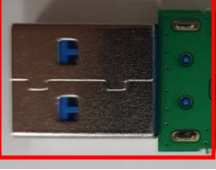
3. GENERAL INFORMATION

3.1. Description of EUT

Product	ZigBee Connector
Model Number	9ZS52055DA
Serial Number	N/A
Brand	LG
Applicant	LG Electronics Inc. 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713 Korea
Manufacturer	LG Electronics Inc. 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 451-713 Korea
Factory	OHSUNG ELECTRONICS CO., LTD. 335-4, Sanho-Daero, Gumi-si, Gyeongsangbuk-do, Rep. of Korea.
RF Features	ZigBee (IEEE 802.15.4)
Antenna Type/Gain	Internal PCB Antenna, Gain: 0.5 dBi
Date of Receipt of Sample	2017. 02. 06

3.2. Information for Class II Change Permissive

1. The EUT is an addition version with original FCC ID: BEJ9ZS52055DA, IC: 2703H-9ZS52055DA.
2. The difference with original report as following list.

Item	Original	Class II Change Permissive
PCB Board		
		
	A-Type plug	USB 3.0 A-Type plug
	(1) To replace USB Connector.	

3.3. EUT Specifications Assessed in Current Report

Mode	Fundamental Range (MHz)	Channel Number	Modulation	Data Rate (Mbps)
ZigBee (IEEE 802.15.4)	2405-2480	16	DSSS (O-QPSK)	0.25

Channel List			
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
11	2405	19	2445
12	2410	20	2450
13	2415	21	2455
14	2420	22	2460
15	2425	23	2465
16	2430	24	2470
17	2435	25	2475
18	2440	26	2480

3.4. Test Configuration

Item		Test Channel
Radiated Test Case	Radiated Band Edge	11/25/26
	Radiated Spurious Emission (30MHz-1GHz) ^{Note1}	11
	Radiated Spurious Emission (Above 1GHz) ^{Note1}	11/18/26

Note 1:

☐ Mobile Device

☒ Portable Device, and 3 axis were assessed. The worst scenario for Radiated Spurious Emission as follow:

☒ Lie ☐ Side ☐ Stand

Note 2: Low, mid, and high channels were measured, only the worst channel of each modulation was presented in this report.

3.5. Tested Supporting System List

3.5.1. Support Peripheral Unit

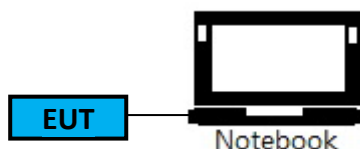
No.	Product	Brand	Model No.	Serial No.	FCC ID
1.	Notebook PC	acer	MS2362	N/A	PPD-AAR5B225
2.	USB Hub (For Radiated Side, Stand axis used)	TP-Link	TP-12100801	N/A	N/A

3.5.2. Cable Lists

No.	Cable Description Of The Above Support Units
1.	Adapter: Chicony, M/N CPA09-A065N1, DC Cord: Shielded, Undetachable, 1.8m, Bonded a ferrite core AC Power Cord: Unshielded, Detachable, 1.8m
2.	USB Cable: Unshielded, Detachable, 0.5m (For Radiated Side, Stand axis used)

3.6. Setup Configuration

3.6.1. EUT Configuration for Radiated Emission



3.7. Operating Condition of EUT

Test program “Tera Term” is used for enabling EUT RF function under continues transmitting and choosing data rate/ channel.

3.8. Description of Test Facility

Test Firm Name	:	AUDIX Technology Corporation EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan
Test Location & Facility	:	Semi-Anechoic Chamber No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan IC Test Site Registration No.: 5183B-1 Renewal on September 17, 2014 Fully Anechoic Chamber No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan IC Test Site Registration No.: 5183B-4 Renewal on August 31, 2015
NVLAP Lab. Code	:	200077-0
TAF Accreditation No	:	1724
FCC OET Designation	:	TW1004 & TW1090

3.9. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Radiation Test (Distance: 3m)	30MHz~1000MHz	± 3.68dB
	Above 1GHz	± 5.82dB

Remark : Uncertainty = $k_{uc}(y)$

4. MEASUREMENT EQUIPMENT LIST

4.1. Radiated Emission Measurement

4.1.1. Frequency Range 9kHz~1000MHz (Semi-Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2016. 09. 19	1 Year
2.	Test Receiver	R & S	ESCS30	100338	2016. 06. 22	1 Year
3.	Amplifier	HP	8447D	2944A06305	2016. 02. 23	1 Year
4.	Bilog Antenna	CHASE	CBL6112D	33821	2017. 01. 21	1 Year
5.	Loop Antenna	R&S	HFH2-Z2	891847/27	2016. 12. 23	1 Year
6.	Test Software	Audix	e3	V.120619C	N.C.R.	N.C.R.

4.1.2. Frequency Range Above 1GHz (Fully Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	2016. 08. 19	1 Year
2.	Amplifier	Agilent	8449B	3008A02678	2016. 03. 04	1 Year
3.	2.4GHz Notch Filter	K&L	7NSL10-2441. 5E130.5-00	1	2016. 07. 27	1 Year
4.	Horn Antenna	ETS-Lindgren	3117	00135902	2016. 03. 05	1 Year
5.	Horn Antenna	EMCO	3116	2653	2016. 10. 24	1 Year
6.	Test Software	Audix	e3	V.6.110601	N.C.R.	N.C.R.

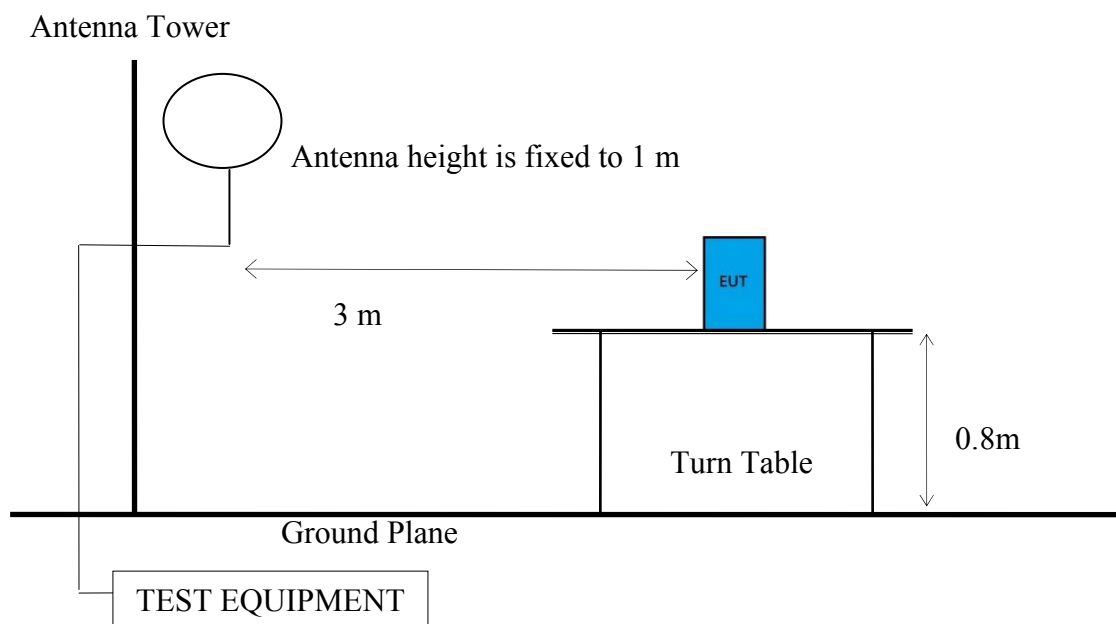
5. RADIATED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup

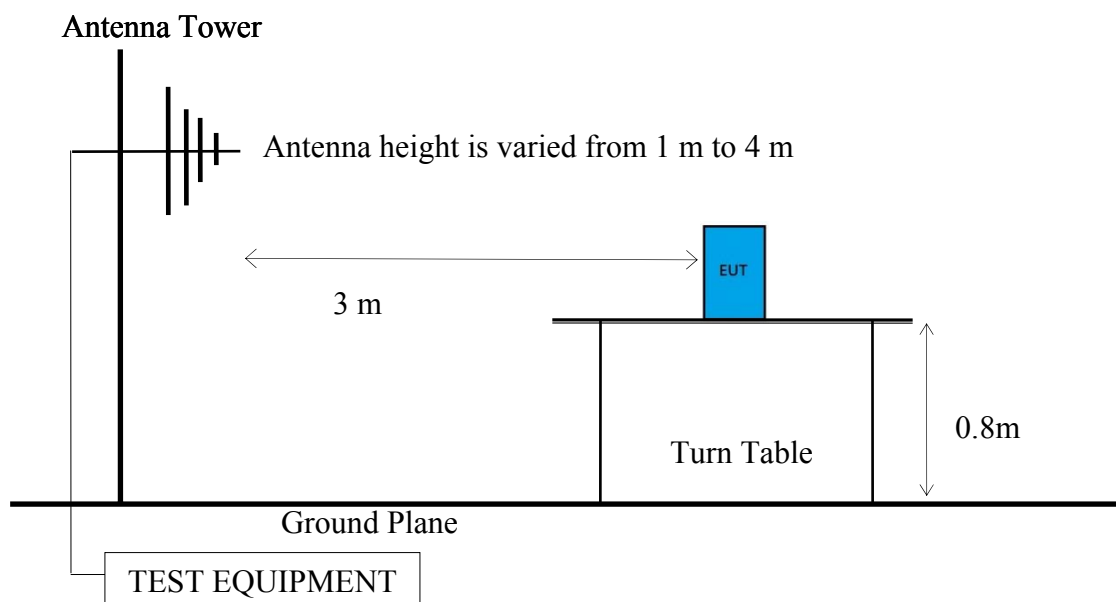
5.1.1. Block Diagram of connection between EUT and simulators

Indicated as section 3.5

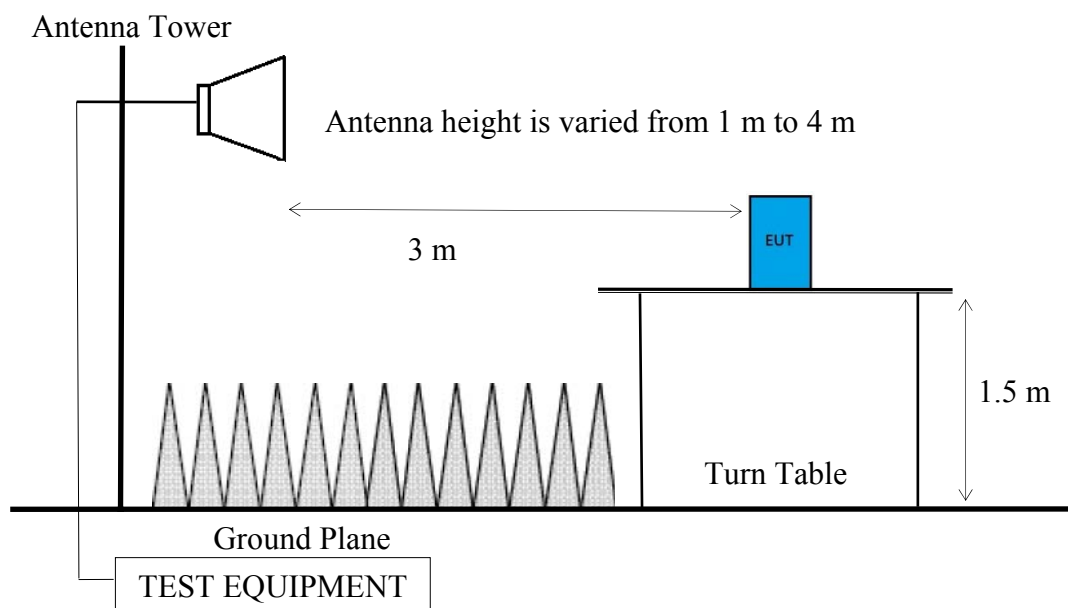
5.1.2. Semi Anechoic Chamber (3m) Setup Diagram for 9kHz-30MHz



5.1.3. Semi Anechoic Chamber (3m) Setup Diagram for 30-1000 MHz



5.1.4. Fully Anechoic Chamber (3m) Setup Diagram for above 1GHz



5.2. Radiated Emission Limits

In any 100kHz bandwidth outside the frequency band, the radio frequency power produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205/RSS-Gen Section 8.10 table 6, must also comply with the radiated emission limits specified as below.

Frequency (MHz)	Distance (m)	Limits	
		dB μ V/m	μ V/m
0.009 - 0.490	300	67.6	2400/kHz
0.490 - 1.705	30	87.6	24000/kHz
1.705 - 30	30	29.5	30
30 - 88	3	40.0	100
88- 216	3	43.5	150
216- 960	3	46.0	200
Above 960	3	54.0	500
Above 1000	3	74.0 dB μ V/m (Peak) 54.0 dB μ V/m (Average)	

Remark : (1) dB μ V/m = 20 log (μ V/m)

- (2) The tighter limit applies to the edge between two frequency bands.
- (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- (4) Fundamental and emission fall within operation band are exempted from this section.
- (5) Pursuant to ANSI C63.10: 6.6.4.3, if the maximized peak measured value complies with the average limit, then it is unnecessary to perform an average measurement.

5.3. Test Procedure

Frequency Range 9kHz~30MHz:

The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

- (1) RBW = 9kHz with peak and average detector.
- (2) Detector: average and peak (9kHz-490kHz)
Q.P. (490kHz-30MHz)

Frequency Range 30MHz ~ 40GHz:

The EUT setup on the turn find table which has 80 cm (for 30-1000 MHz) and 1.5m (for above 1GHz) height to the ground. The turn table rotated 360 degrees and antenna varied from 1 m to 4 m to find the maximum emission level. Both horizontal and vertical polarization are required. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

Frequency below 1 GHz:

Spectrum Analyzer is used for pre-testing with following setting:

- (1) RBW = 120KHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.
- (7) When peak-detected value is lower than limit that the measurement using the Q.P. detector is not required. Otherwise using Q.P. for finally measurement.

Frequency above 1GHz to 10th harmonic:

Peak Detector:

- (1) RBW = 1MHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.
- (7) When peak-detected value is lower than limit that the measurement using the average detector is not required. Otherwise using average for finally measurement.

Average Detector:**■ Option 1:**

(1) RBW = 1MHz

(2) VBW $\geq 1/T$.N/A: $1/T$ is not implemented when duty cycle presented in section 3.5 is $\geq 98\%$.

(1) Detector = Peak.

(2) Sweep time = auto.

(3) Trace mode = max hold.

(4) Allow sweeps to continue until the trace stabilizes.

□ Option 2:

Average Emission Level = Peak Emission Level + D.C.C.F.

5.4. Measurement Result Explanation**■** Peak Emission Level = Antenna Factor + Cable Loss + Meter Reading**■** Average Emission Level = Antenna Factor + Cable Loss + Meter Reading**□** Average Emission Level = Peak Emission Level + DCCFDuty Cycle Correction Factor (DCCF) = $20\log(TX_{on}/TX_{on+off})$ presented in section 3.3**□** ERP = Peak Emission Level - 95.2dB - 2.14dB**5.5. Test Results****PASSED.**

Test Date	2017/02/09	Temp./Hum.	23°C/53%
Test Voltage	DC 5V (via Notebook PC)		

5.5.1. Emissions within Restricted Frequency Bands**5.5.1.1. Frequency 9kHz~30MHz**

The emissions (9kHz~30MHz) not reported for there is no emission be found.

5.5.1.2. Frequency Below 1 GHz

Worse mode as representative.

Mode	ZigBee	Frequency	TX 2405MHz
------	--------	-----------	------------

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
125.06	18.47	2.56	16.55	37.58	43.50	5.92	Peak
224.97	17.44	3.59	19.97	41.00	46.00	5.00	Peak
275.41	19.37	4.07	20.03	43.47	46.00	2.53	Peak
324.88	20.58	4.65	18.50	43.73	46.00	2.27	Peak
375.32	22.10	5.29	16.07	43.46	46.00	2.54	Peak
499.48	23.75	6.42	14.81	44.98	46.00	1.02	Peak

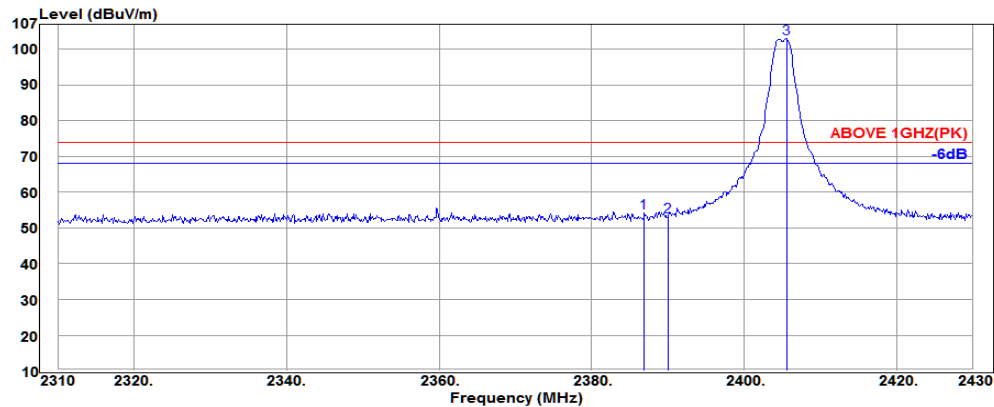
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
250.19	18.91	3.81	19.73	42.45	46.00	3.55	Peak
299.66	19.77	4.30	18.38	42.45	46.00	3.55	Peak
499.48	23.75	6.42	14.44	44.61	46.00	1.39	Peak
549.92	24.26	6.59	10.50	41.35	46.00	4.65	Peak
749.74	26.12	7.35	6.95	40.42	46.00	5.58	Peak
828.31	26.71	7.77	8.14	42.62	46.00	3.38	Peak

5.5.2. Frequency Above 1 GHz to 10th harmonics

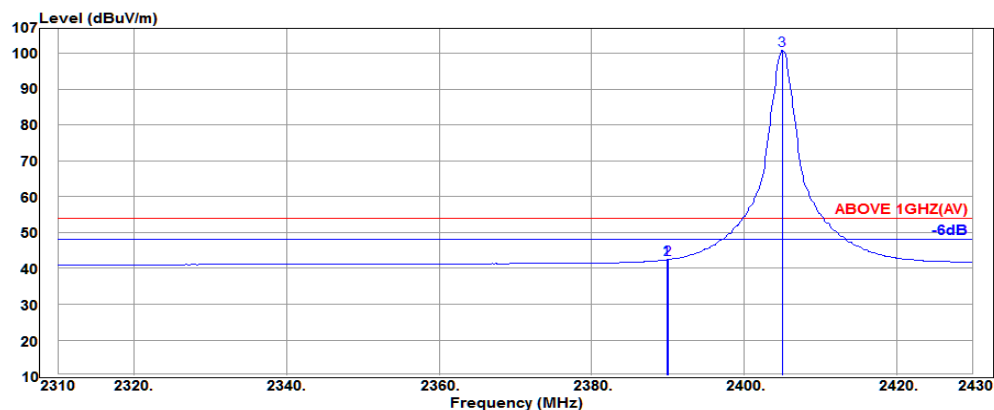
Band Edge:

Mode	ZigBee	Frequency	TX 2405MHz
------	--------	-----------	------------



Antenna at Horizontal Polarization

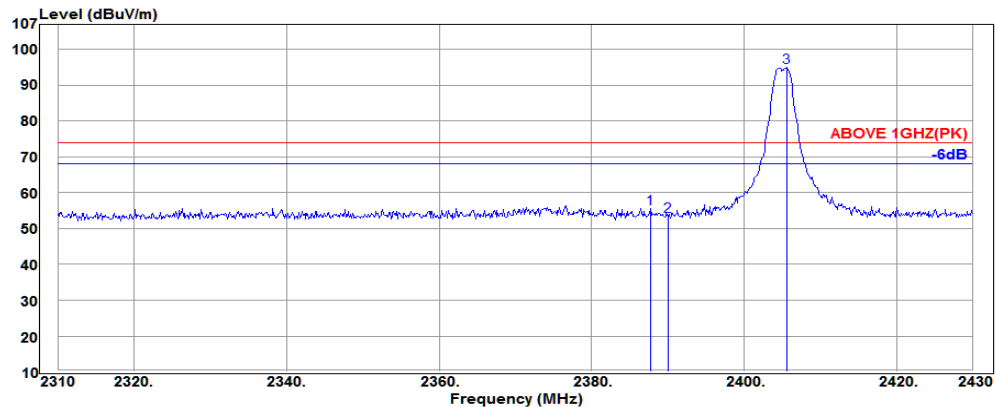
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2386.92	32.16	6.07	16.12	54.35	74.00	19.65	Peak
2390.04	32.16	6.08	14.96	53.20	74.00	20.80	Peak
2405.52	32.18	6.10	64.61	102.89	---	---	Peak



Antenna at Horizontal Polarization

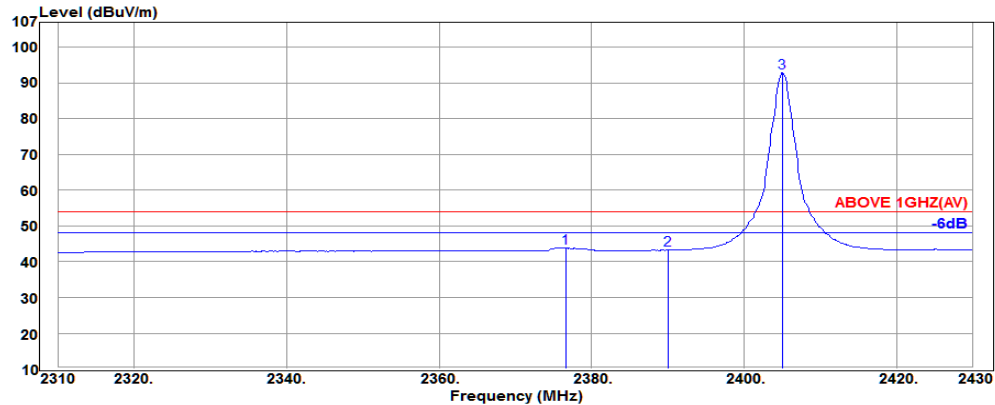
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.92	32.16	6.08	4.15	42.39	54.00	11.61	Average
2390.04	32.16	6.08	4.18	42.42	54.00	11.58	Average
2405.04	32.18	6.10	62.53	100.81	---	---	Average

Mode	ZigBee	Frequency	TX 2405MHz
------	--------	-----------	------------



Antenna at Vertical Polarization

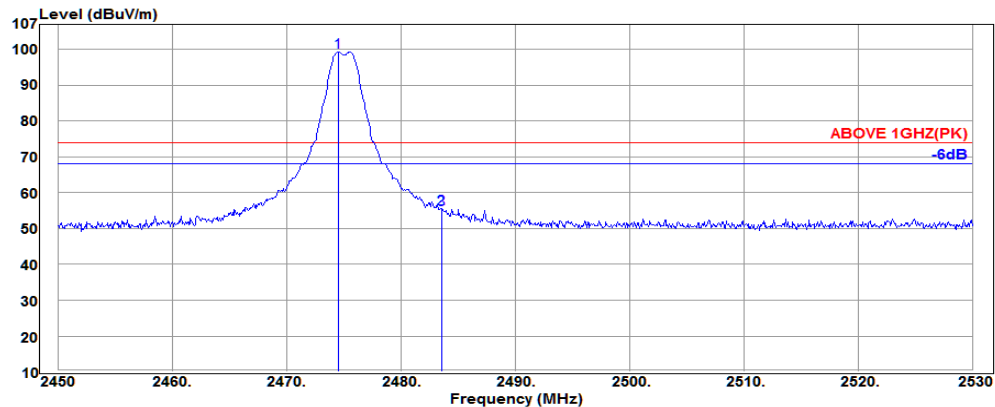
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	imits (dBμV/m)	Margin (dB)	Detector
2387.76	32.16	6.08	17.38	55.62	74.00	18.38	Peak
2390.04	32.16	6.08	15.16	53.40	74.00	20.60	Peak
2405.52	32.18	6.10	56.61	94.89	---	---	Peak



Antenna at Vertical Polarization

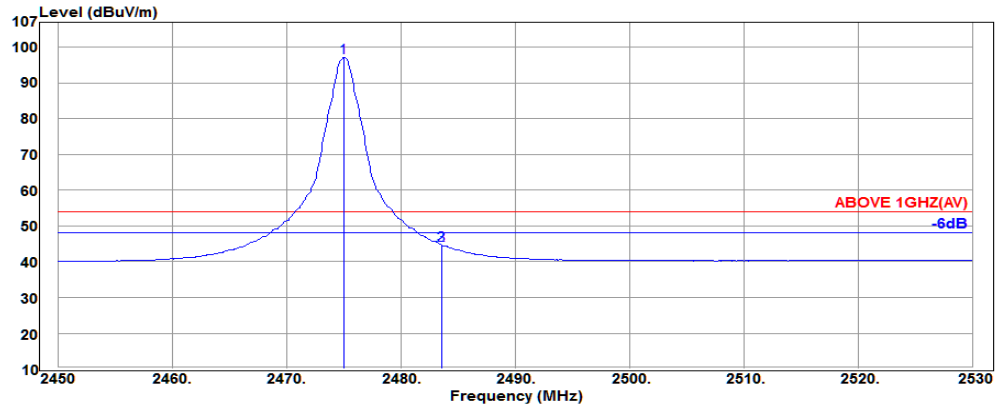
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	imits (dBμV/m)	Margin (dB)	Detector
2376.60	32.13	6.06	5.58	43.77	54.00	10.23	Average
2390.04	32.16	6.08	5.00	43.24	54.00	10.76	Average
2405.04	32.18	6.10	54.49	92.77	---	---	Average

Mode	ZigBee	Frequency	TX 2475MHz
------	--------	-----------	------------



Antenna at Horizontal Polarization

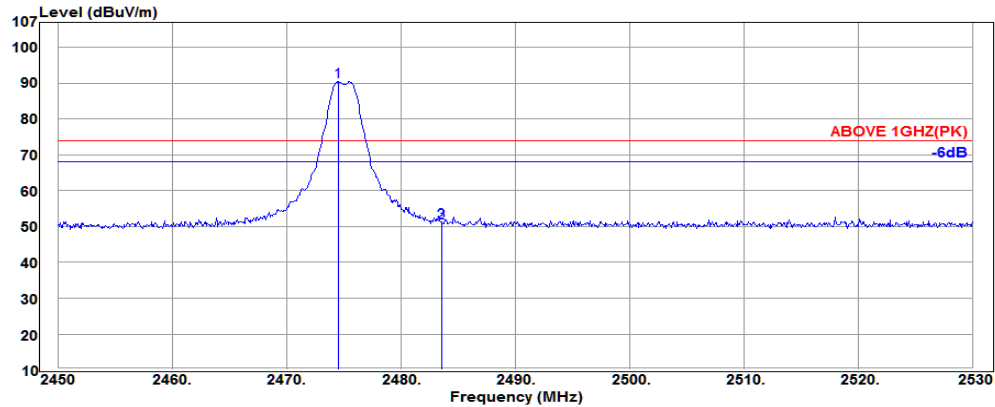
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2474.56	32.28	6.17	60.78	99.23	---	---	Peak
2483.52	32.28	6.19	17.14	55.61	74.00	18.39	Peak
2483.60	32.28	6.19	16.93	55.40	74.00	18.60	Peak



Antenna at Horizontal Polarization

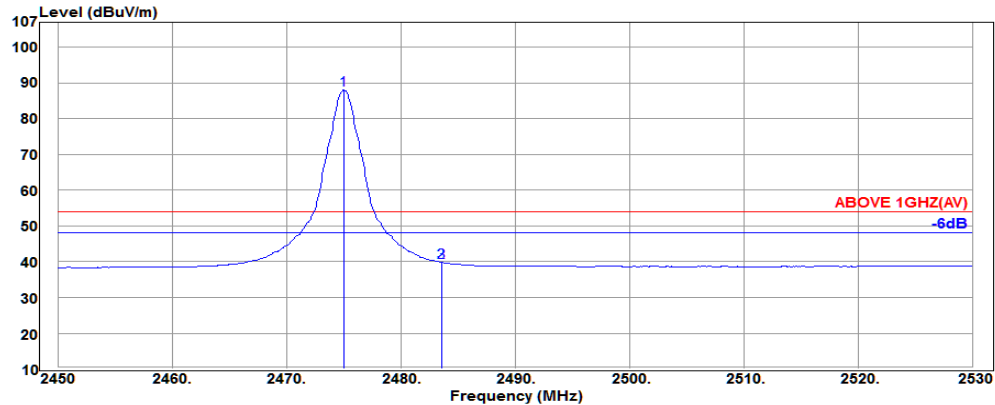
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2475.04	32.28	6.18	58.68	97.14	---	---	Average
2483.52	32.28	6.19	6.23	44.70	54.00	9.30	Average
2483.60	32.28	6.19	6.10	44.57	54.00	9.43	Average

Mode	ZigBee	Frequency	TX 2475MHz
------	--------	-----------	------------



Antenna at Vertical Polarization

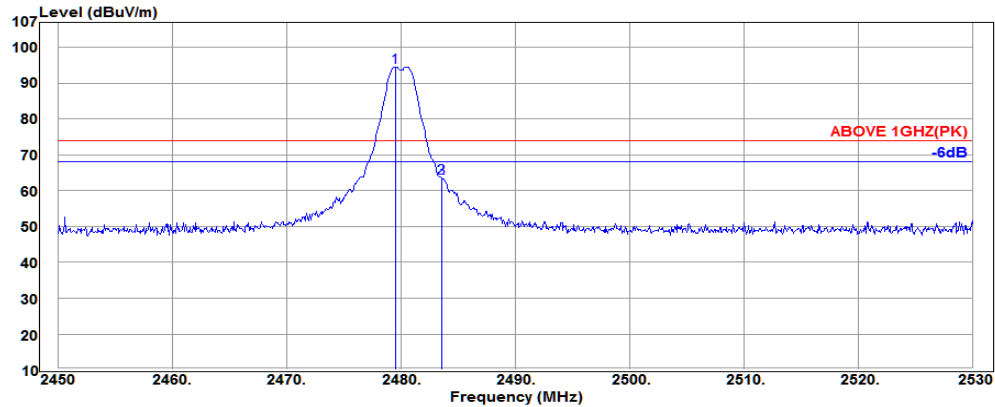
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	imits (dBμV/m)	Margin (dB)	Detector
2474.56	32.28	6.17	51.95	90.40	---	---	Peak
2483.52	32.28	6.19	12.57	51.04	74.00	22.96	Peak
2483.60	32.28	6.19	12.96	51.43	74.00	22.57	Peak



Antenna at Vertical Polarization

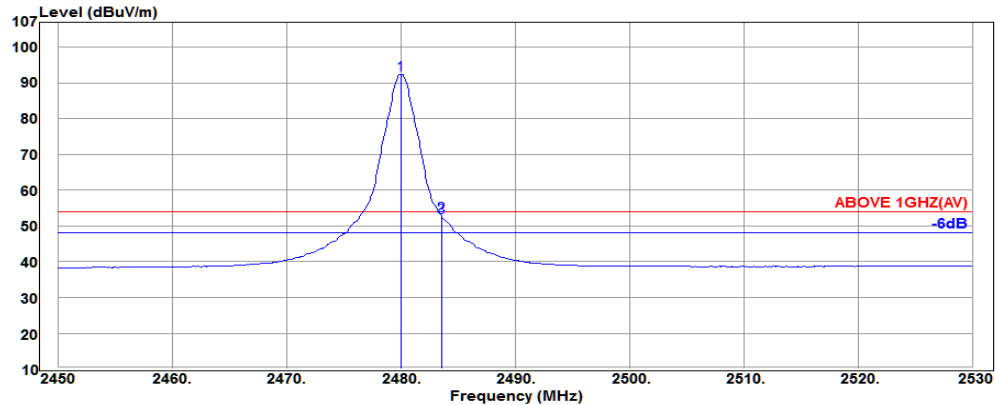
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	imits (dBμV/m)	Margin (dB)	Detector
2475.04	32.28	6.18	49.51	87.97	---	---	Average
2483.52	32.28	6.19	1.35	39.82	54.00	14.18	Average
2483.60	32.28	6.19	1.29	39.76	54.00	14.24	Average

Mode	ZigBee	Frequency	TX 2480MHz
------	--------	-----------	------------



Antenna at Horizontal Polarization

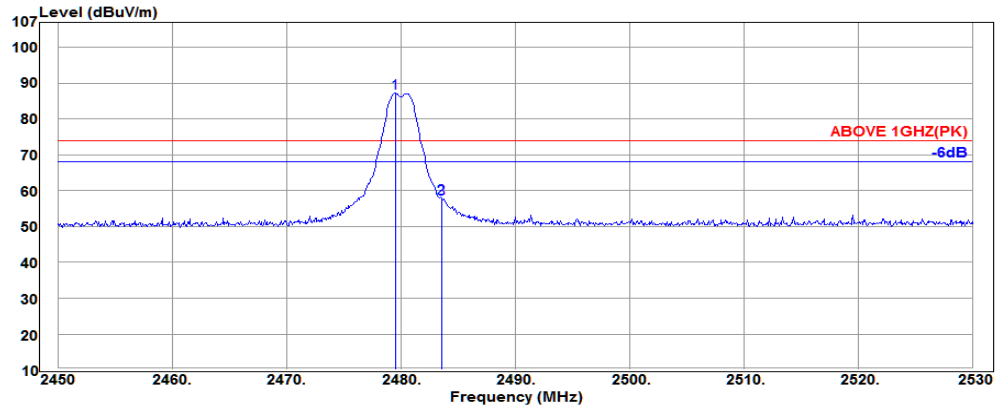
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2479.52	32.28	6.18	56.13	94.59	---	---	Peak
2483.52	32.28	6.19	25.19	63.66	74.00	10.34	Peak
2483.60	32.28	6.19	25.02	63.49	74.00	10.51	Peak



Antenna at Horizontal Polarization

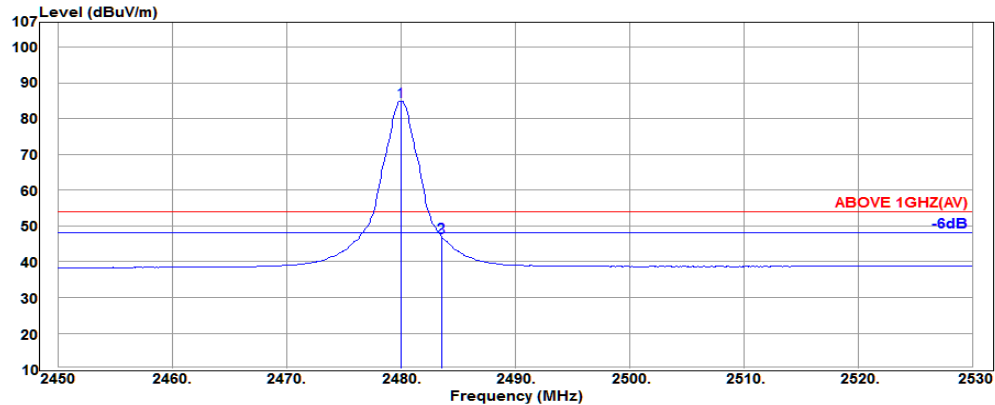
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2480.00	32.28	6.18	54.00	92.46	---	---	Average
2483.52	32.28	6.19	14.39	52.86	54.00	1.14	Average
2483.60	32.28	6.19	13.90	52.37	54.00	1.63	Average

Mode	ZigBee	Frequency	TX 2480MHz
------	--------	-----------	------------



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	imits (dBμV/m)	Margin (dB)	Detector
2479.52	32.28	6.18	48.71	87.17	---	---	Peak
2483.52	32.28	6.19	19.47	57.94	74.00	16.06	Peak
2483.60	32.28	6.19	19.34	57.81	74.00	16.19	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	imits (dBμV/m)	Margin (dB)	Detector
2480.00	32.28	6.18	46.52	84.98	---	---	Average
2483.52	32.28	6.19	8.70	47.17	54.00	6.83	Average
2483.60	32.28	6.19	8.28	46.75	54.00	7.25	Average

5.5.3. Emissions outside the frequency band:

The emissions (up to 25GHz) not reported for there is no emission be found.

Mode	ZigBee		Frequency	TX 2405MHz			
Antenna at Horizontal Polarization							
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4810.00	34.22	8.87	14.41	57.50	74.00	16.50	Peak
4810.00	34.22	8.87	5.38	48.47	54.00	5.53	Average

Antenna at Vertical Polarization							
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4810.00	34.22	8.87	8.65	51.74	54.00	2.26	Peak

Mode	ZigBee		Frequency	TX 2440MHz			
Antenna at Horizontal Polarization							
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4880.00	34.25	9.14	13.08	56.47	74.00	17.53	Peak
4880.00	34.25	9.14	4.13	47.52	54.00	6.48	Average

Antenna at Vertical Polarization							
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4880.00	34.25	9.14	8.38	51.77	54.00	2.23	Peak

Mode		ZigBee		Frequency		TX 2480MHz	
Antenna at Horizontal Polarization							
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.00	34.29	9.40	10.13	53.82	54.00	0.18	Peak
Antenna at Vertical Polarization							

Antenna at Vertical Polarization							
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.00	34.29	9.40	9.00	52.69	54.00	1.31	Peak

5.5.4. Emissions in Non-restricted Frequency Bands

Pursuant to KDB 558074 D01 v03r05 that emission levels below the 15.209/RSS-Gen Section 8.9 table 4 general radiated emissions limits is not required.

6. DEVIATION TO TEST SPECIFICATIONS

【NONE】