

FCC Test Report

(Co-Located)

Report No.: RF181119C14B-2

FCC ID: 2ARF9CSG-BT

Test Model: CSG750

Series Model: CSG7xxxxxxxx (Where x can be 0-9, A-Z, a-z, any alphanumeric character or blank)

Received Date: May 02, 2019

Test Date: Jun. 20 ~ Jun. 27, 2019

Issued Date: Jul. 03, 2019

Applicant: Versa Networks

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Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)

**FCC Registration/
Designation Number:** 788550 / TW0003



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Release Control Record

Issue No.	Description	Date Issued
RF181119C14B-2	Original release	Jul. 03, 2019

1 Certificate of Conformity

Product: Cloud Services Gateway

Brand: Versa

Test Model: CSG750

Series Model: CSG7xxxxxxxx (Where x can be 0-9, A-Z, a-z, any alphanumeric character or blank)

Sample Status: Engineering sample

Applicant: Versa Networks

Test Date: Jun. 20 ~ Jun. 27, 2019

Standards: 47 CFR FCC Part 15, Subpart C (Section 15.247)

47 CFR FCC Part 15, Subpart E (Section 15.407)

FCC Part 22, Subpart H

FCC Part 24, Subpart E

FCC Part 27, Subpart C, D, F, H, L, M

FCC Part 90, Subpart S

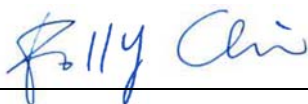
ANSI 63.26-2015

ANSI C63.10:2013

ANSI C63.26:2015

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by :



Polly Chien / Specialist

Date:

Jul. 03, 2019

Approved by :



Bruce Chen / Project Engineer

Date:

Jul. 03, 2019

2 Summary of Test Results

Applied Standard	47 CFR FCC Part 15, Subpart C (Section 15.247) 47 CFR FCC Part 15, Subpart E (Section 15.407) FCC Part 22, Subpart H FCC Part 24, Subpart E FCC Part 27, Subpart C, D, F, H, L, M FCC Part 90, Subpart S		
FCC Clause	Test Item	Result	Remarks
15.205 / 15.209 / 15.247(d) 15.407(b) (1/2/3/4(ii)/6)	Radiated Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -0.3dB at 2390.00MHz.
2.1053 22.917	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -18.17dB at 831.00MHz.
2.1053 24.238	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -10.65dB at 1907.50MHz.
2.1053 27.53(a) 27.53(c) 27.53(h) 27.53(m)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -14.42dB at 707.50MHz.
2.1053 90.691	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -15.53dB at 814.70MHz.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.86 dB
	200MHz ~ 1000MHz	3.87 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Cloud Services Gateway			
Brand	Versa			
Test Model	CSG750			
Series Model	CSG7xxxxxxxx (Where x can be 0-9, A-Z, a-z, any alphanumeric character or blank)			
Model Difference	Refer to Note			
Status of EUT	Engineering sample			
Power Supply Rating	12Vdc from adapter			
Modulation Type	WLAN	CCK, DQPSK, DBPSK for DSSS 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM		
	Bluetooth EDR	GFSK, $\pi/4$ -DQPSK, 8DPSK		
	Bluetooth LE	GFSK		
	WCDMA	BPSK, QPSK		
	LTE	QPSK, 16QAM		
Operating Frequency	WLAN	2.4GHz: 2412~2462MHz 5.0GHz: 5180~5240MHz, 5745~5825MHz		
	Bluetooth EDR	2402 ~ 2480MHz		
	Bluetooth LE	2402 ~ 2480MHz		
	WCDMA	WCDMA Band 2	1852.4MHz ~ 1907.6MHz	
		WCDMA Band 4	1712.4MHz ~ 1752.6MHz	
		WCDMA Band 5	826.4MHz ~ 846.6MHz	
	LTE	LTE Band 2	Channel Bandwidth 1.4MHz	1850.7MHz ~ 1909.3MHz
			Channel Bandwidth 3MHz	1851.5MHz ~ 1908.5MHz
			Channel Bandwidth 5MHz	1852.5MHz ~ 1907.5MHz
			Channel Bandwidth 10MHz	1855.0MHz ~ 1905.0MHz
			Channel Bandwidth 15MHz	1857.5MHz ~ 1902.5MHz
			Channel Bandwidth 20MHz	1860.0MHz ~ 1900.0MHz
		LTE Band 4	Channel Bandwidth 1.4MHz	1710.7MHz ~ 1754.3MHz
			Channel Bandwidth 3MHz	1711.5MHz ~ 1753.5MHz
			Channel Bandwidth 5MHz	1712.5MHz ~ 1752.5MHz
Channel Bandwidth 10MHz			1715.0MHz ~ 1750.0MHz	
Channel Bandwidth 15MHz			1717.5MHz ~ 1747.5MHz	
Channel Bandwidth 20MHz			1720.0MHz ~ 1745.0MHz	

Operating Frequency	LTE	LTE Band 5	Channel Bandwidth 1.4MHz	824.7MHz ~ 848.3MHz
			Channel Bandwidth 3MHz	825.5MHz ~ 847.5MHz
			Channel Bandwidth 5MHz	826.5MHz ~ 846.5MHz
			Channel Bandwidth 10MHz	829.0MHz ~ 844.0MHz
		LTE Band 7	Channel Bandwidth 5MHz	2502.5MHz ~2567.5MHz
			Channel Bandwidth 10MHz	2505.0MHz ~ 2565.0MHz
			Channel Bandwidth 15MHz	2507.5MHz ~ 2562.5MHz
			Channel Bandwidth 20MHz	2510.0MHz ~ 2560.0MHz
		LTE Band 12	Channel Bandwidth 1.4MHz	699.7MHz ~ 715.3MHz
			Channel Bandwidth 3MHz	700.5MHz ~ 714.5MHz
			Channel Bandwidth 5MHz	701.5MHz ~ 713.5MHz
			Channel Bandwidth 10MHz	704.0MHz ~ 711.0MHz
		LTE Band 13	Channel Bandwidth 5MHz	779.5MHz ~ 784.5MHz
			Channel Bandwidth 10MHz	782.0MHz
	LTE	LTE Band 25	Channel Bandwidth 1.4MHz	1850.7MHz ~ 1914.3MHz
			Channel Bandwidth 3MHz	1851.5MHz ~ 1913.5MHz
			Channel Bandwidth 5MHz	1852.5MHz ~ 1912.5MHz
			Channel Bandwidth 10MHz	1855.0MHz ~ 1910.0MHz
			Channel Bandwidth 15MHz	1857.5MHz ~ 1907.5MHz
			Channel Bandwidth 20MHz	1860.0MHz ~ 1905.0MHz
		LTE Band 26	Channel Bandwidth 1.4MHz	814.7MHz ~ 848.3MHz
			Channel Bandwidth 3MHz	815.5MHz ~ 847.5MHz
			Channel Bandwidth 5MHz	816.5MHz ~ 846.5MHz
			Channel Bandwidth 10MHz	819.0MHz ~ 844.0MHz
			Channel Bandwidth 15MHz	821.5MHz ~ 841.5MHz
		LTE Band 30	Channel Bandwidth 5MHz	2307.5MHz ~ 2312.5MHz
			Channel Bandwidth 10MHz	2310.0MHz
		LTE Band 41	Channel Bandwidth 5MHz	2498.5MHz ~ 2687.5MHz
			Channel Bandwidth 10MHz	2501.0MHz ~ 2685.0MHz
			Channel Bandwidth 15MHz	2503.5MHz ~ 2682.5MHz
			Channel Bandwidth 20MHz	2506.0MHz ~ 2680.0MHz
Antenna Type	Refer to note			
Antenna Connector	Refer to note			
Accessory Device	Adapter, POE Module Adapter, WLAN Antenna x2 (Brand: WIESON, Model: GY121HT0330-016) LTE Antenna x2 (Brand: WIESON, Model: GY115HT0330-038) GPS Antenna (Brand: Anjie, Model: PH07-GPSGNS-B3M-SMA-M)			
Cable Supplied	1.05m shielded RJ45 cable without core (for PoE LAN) 3.05m non-shielded Fiber cable without core			

Note:

1. This report is issued as a supplementary report of original report no. RF181119C14. The difference compared with original report is changing the configuration from two LTE modules (Brand: Sierra, Model: MC7455) to one LTE module (Brand: Sierra, Model: MC7455)+WIFI module(Brand: VERSA NETWORKS, Model: CSG-W1, FCC ID: 2ARF9CSG-W1)+on board Bluetooth. The spurious emissions test is performed for the addendum. Refer to original report for the other test data.
2. All models are listed as below. Model CSG750 is the representative for final test.

Brand	Versa		
Series Model	CSG7xxxxxxxx (Where x can be 0-9, A-Z, a-z, any alphanumeric character or blank)		
Series	CSG730	CSG750	CSG770
CPU	ATOM C3308 2.1GHz/ 2 cores/FC-BGA 9.5W	ATOM C3558 2.2GHz/ 4 cores/FC-BGA 16W	ATOM C3708 1.7Ghz/ 8 cores/FC-BGA 17W
LTE Module	Brand: Sierra, Model: MC7455, FCC ID: N7NMC7455		
WLAN Module	Brand: VERSA NETWORKS, Model: CSG-W1, FCC ID: 2ARF9CSG-W1		
BT Module	Brand: Qualcomm, Model: CSR8811A12-IQQD-R		
NIC Module	NM-VS2511IG401A (4 ports* 1G RJ45) NM-VS2511IG401B (4 ports* 1G RJ45 with POE)		
RAM	SODIM DDR4 ECC 4GB SODIM DDR4 ECC 8GB SODIM DDR4 ECC 16GB		

3. There is WWAN modules (Brand: Sierra, Model: MC7455, FCC ID: N7NMC7455) collocated in the EUT.
4. Spurious emission of the simultaneous operation (GPS & WWAN) has been evaluated and no non-compliance was found.
5. The EUT uses following adapters.

Adapter	
Brand	FSP GROUP INC.
Model	FSP060-DHAN3
Input Power	100-240Vac~,1.8A 50-60Hz
Output Power	12.0Vdc / 5.0A (60W MAX)
Power Line	1.2m DC cable with one core attached on adapter

POE Module Adapter	
Brand	FSP GROUP INC.
Model	FSP065-DWAN3
Input Power	100-240Vac~,1.8A 50-60Hz
Output Power	54.0Vdc / 1.2A MAX
Power Line	1.15m DC cable without core attached on adapter

* Adapter Model: FSP060-DHAN3 was chosen for final test and presented in the test report.

6. The EUT uses following antennas.

WLAN:

Ant.	Port	Brand	P/N	Antenna Type	Connector	Cable color
1	1	WIESON	GY121 Series	Dipole Antenna	RPSMA	Gray
2	2	WIESON	GY121 Series	Dipole Antenna	RPSMA	Black

Ant.	Port	Antenna Gain (dBi)		Cable Loss (dB)		True Gain (dBi)	
		2.4G	5G	2.4G	5G	2.4G	5G
1	1	3.10	4.55	0.75	1.61	2.35	2.94
2	2	3.10	4.55	1.00	1.78	2.10	2.77

BT: PIFA antenna with -1.86dBi gain

WWAN:

Ant. Type		PCB					
Connector		SMA					
Frequency (GHz)	Peak Gain without cable loss (dBi)	Cable loss	Peak Gain with cable loss (dBi)	Frequency (GHz)	Peak Gain without cable loss (dBi)	Cable loss	Peak Gain with cable loss (dBi)
0.698	1.37	-0.6627	0.71	1.850	0.51	-1.0731	-0.56
0.704	1.49	-0.6627	0.83	1.880	0.65	-1.0731	-0.42
0.746	0.93	-0.6627	0.27	1.910	1.56	-1.0731	0.49
0.757	1.61	-0.6627	0.95	1.920	1.92	-1.0731	0.85
0.787	1.66	-0.6627	1.00	1.930	2.53	-1.0731	1.46
0.824	2.98	-0.6627	2.32	1.950	2.96	-1.0731	1.89
0.836	2.46	-0.6627	1.80	1.960	2.69	-1.0731	1.62
0.849	3.2	-0.6627	2.54	1.980	2.75	-1.0731	1.68
0.869	2.11	-0.6627	1.45	1.990	2.5	-1.1708	1.33
0.880	1.22	-0.6627	0.56	2.110	2.48	-1.1318	1.35
0.864	0.53	-0.7413	-0.21	2.132	3.02	-1.1318	1.89
0.900	0.56	-0.7413	-0.18	2.140	2.38	-1.1318	1.25
0.915	0.7	-0.7413	-0.04	2.155	2.59	-1.1318	1.46
0.925	1.25	-0.7413	0.51	2.170	2.3	-1.1318	1.17
0.940	1.13	-0.7413	0.39	2.305	1.75	-1.4754	0.27
0.960	1.4	-0.7413	0.66	2.345	2.27	-1.4793	0.79
1.710	1.04	-1.0731	-0.03	2.390	2.2	-1.5377	0.66
1.732	1.25	-1.0731	0.18	2.500	0.86	-1.5288	-0.67
1.750	1.4	-1.0731	0.33	2.535	0.27	-1.6596	-1.39
1.755	1.62	-1.0731	0.55	2.570	0.23	-1.6192	-1.39
1.785	1.36	-1.0731	0.29	2.620	0.23	-1.8284	-1.60
1.800	1.39	-1.0731	0.32	2.655	0.44	-1.6175	-1.18
1.840	0.55	-1.0731	-0.52	2.690	0.28	-1.7905	-1.51

3.2 Description of Test Modes

For WLAN:

For 2.4GHz

11 channels are provided for 802.11b, 802.11g and 802.11n (HT20):

Channel	Frequency	Channel	Frequency
1	2412MHz	7	2442MHz
2	2417MHz	8	2447MHz
3	2422MHz	9	2452MHz
4	2427MHz	10	2457MHz
5	2432MHz	11	2462MHz
6	2437MHz		

7 channels are provided for 802.11n (HT40):

Channel	Frequency	Channel	Frequency
3	2422MHz	7	2442MHz
4	2427MHz	8	2447MHz
5	2432MHz	9	2452MHz
6	2437MHz		

For 5GHz

5180 ~ 5240MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210MHz

5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
149	5745MHz	161	5805MHz
153	5765MHz	165	5825MHz
157	5785MHz		

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
155	5775MHz

For Bluetooth EDR:

79 channels are provided to this EUT:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		

For Bluetooth LE:

40 channels are provided to this EUT:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to		Description
	RE $\geq$ 1G	RE<1G	
-	√	√	-

Where RE $\geq$ 1G: Radiated Emission above 1GHz & Bandedge Measurement RE<1G: Radiated Emission below 1GHz

Note:

1. The EUT had been pre-tested on the positioned of X-plane & Z-plane. The worst cases were found when positioned on X-plane.

Radiated Emission Test (Above 1GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. RANGE (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY
1	802.11g + Bluetooth EDR + LTE Band 26 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 78 + 26865	BPSK
		2402 ~ 2480	0 to 78		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
2	802.11g + Bluetooth LE + LTE Band 26 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 0 + 26865	BPSK
		2402 ~ 2480	0 to 39		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
3	802.11a + Bluetooth EDR + LTE Band 26 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 78 + 26865	BPSK
		2402 ~ 2480	0 to 78		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
4	802.11a + Bluetooth LE + LTE Band 26 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 0 + 26865	BPSK
		2402 ~ 2480	0 to 39		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
5	802.11g + Bluetooth EDR + LTE Band 25 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 78 + 26615	BPSK
		2402 ~ 2480	0 to 78		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK
6	802.11g + Bluetooth LE + LTE Band 25 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 0 + 26615	BPSK
		2402 ~ 2480	0 to 39		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK
7	802.11a + Bluetooth EDR + LTE Band 25 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 78 + 26615	BPSK
		2402 ~ 2480	0 to 78		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK
8	802.11a + Bluetooth LE + LTE Band 25 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 0 + 26615	BPSK
		2402 ~ 2480	0 to 39		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK

EUT CONFIGURE MODE	MODE	FREQ. RANGE (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY
9	802.11g + Bluetooth EDR + LTE Band 12 (BW: 10MHz)	2412 ~ 2462	1 to 11	6 + 78 + 23095	BPSK
		2402 ~ 2480	0 to 78		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
10	802.11g + Bluetooth LE + LTE Band 12 (BW: 10MHz)	2412 ~ 2462	1 to 11	6 + 0 + 23095	BPSK
		2402 ~ 2480	0 to 39		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
11	802.11a + Bluetooth EDR + LTE Band 12 (BW: 10MHz)	5745 ~ 5825	149 to 165	149 + 78 + 23095	BPSK
		2402 ~ 2480	0 to 78		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
12	802.11a + Bluetooth LE + LTE Band 12 (BW: 10MHz)	5745 ~ 5825	149 to 165	149 + 0 + 23095	BPSK
		2402 ~ 2480	0 to 39		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
13	802.11g + Bluetooth EDR + LTE Band 26 (BW: 1.4MHz)	2412 ~ 2462	1 to 11	6 + 78 + 26697	BPSK
		2402 ~ 2480	0 to 78		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK
14	802.11g + Bluetooth LE + LTE Band 26 (BW: 1.4MHz)	2412 ~ 2462	1 to 11	6 + 0 + 26697	BPSK
		2402 ~ 2480	0 to 39		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK
15	802.11a + Bluetooth EDR + LTE Band 26 (BW: 1.4MHz)	5745 ~ 5825	149 to 165	149 + 78 + 26697	BPSK
		2402 ~ 2480	0 to 78		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK
16	802.11a + Bluetooth LE + LTE Band 26 (BW: 1.4MHz)	5745 ~ 5825	149 to 165	149 + 0 + 26697	BPSK
		2402 ~ 2480	0 to 39		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK

*The above test mode was found to be the worst cases test mode and had been chosen for final test.

Radiated Emission Test (Below 1GHz):

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT CONFIGURE MODE	MODE	FREQ. RANGE (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY
1	802.11g + Bluetooth EDR + LTE Band 26 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 78 + 26865	BPSK
		2402 ~ 2480	0 to 78		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
2	802.11g + Bluetooth LE + LTE Band 26 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 0 + 26865	BPSK
		2402 ~ 2480	0 to 39		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
3	802.11a + Bluetooth EDR + LTE Band 26 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 78 + 26865	BPSK
		2402 ~ 2480	0 to 78		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
4	802.11a + Bluetooth LE + LTE Band 26 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 0 + 26865	BPSK
		2402 ~ 2480	0 to 39		GFSK
		821.5 ~ 841.5	26740 to 26990		QPSK
5	802.11g + Bluetooth EDR + LTE Band 25 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 78 + 26615	BPSK
		2402 ~ 2480	0 to 78		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK
6	802.11g + Bluetooth LE + LTE Band 25 (BW: 15MHz)	2412 ~ 2462	1 to 11	6 + 0 + 26615	BPSK
		2402 ~ 2480	0 to 39		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK
7	802.11a + Bluetooth EDR + LTE Band 25 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 78 + 26615	BPSK
		2402 ~ 2480	0 to 78		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK
8	802.11a + Bluetooth LE + LTE Band 25 (BW: 15MHz)	5745 ~ 5825	149 to 165	149 + 0 + 26615	BPSK
		2402 ~ 2480	0 to 39		GFSK
		1852.5 ~ 1912.5	26065 to 26665		QPSK

EUT CONFIGURE MODE	MODE	FREQ. RANGE (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY
9	802.11g + Bluetooth EDR + LTE Band 12 (BW: 10MHz)	2412 ~ 2462	1 to 11	6 + 78 + 23095	BPSK
		2402 ~ 2480	0 to 78		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
10	802.11g + Bluetooth LE + LTE Band 12 (BW: 10MHz)	2412 ~ 2462	1 to 11	6 + 0 + 23095	BPSK
		2402 ~ 2480	0 to 39		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
11	802.11a + Bluetooth EDR + LTE Band 12 (BW: 10MHz)	5745 ~ 5825	149 to 165	149 + 78 + 23095	BPSK
		2402 ~ 2480	0 to 78		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
12	802.11a + Bluetooth LE + LTE Band 12 (BW: 10MHz)	5745 ~ 5825	149 to 165	149 + 0 + 23095	BPSK
		2402 ~ 2480	0 to 39		GFSK
		704.0 ~ 711.0	23017 to 23173		QPSK
13	802.11g + Bluetooth EDR + LTE Band 26 (BW: 1.4MHz)	2412 ~ 2462	1 to 11	6 + 78 + 26697	BPSK
		2402 ~ 2480	0 to 78		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK
14	802.11g + Bluetooth LE + LTE Band 26 (BW: 1.4MHz)	2412 ~ 2462	1 to 11	6 + 0 + 26697	BPSK
		2402 ~ 2480	0 to 39		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK
15	802.11a + Bluetooth EDR + LTE Band 26 (BW: 1.4MHz)	5745 ~ 5825	149 to 165	149 + 78 + 26697	BPSK
		2402 ~ 2480	0 to 78		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK
16	802.11a + Bluetooth LE + LTE Band 26 (BW: 1.4MHz)	5745 ~ 5825	149 to 165	149 + 0 + 26697	BPSK
		2402 ~ 2480	0 to 39		GFSK
		814.7 ~ 848.3	26765 to 26965		QPSK

*The above test mode was found to be the worst cases test mode and had been chosen for final test.

Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
RE $\geq$ 1G	21 deg. C, 67% RH 22 deg. C, 66% RH	120Vac, 60Hz	Adair Peng
RE<1G	21 deg. C, 67% RH	120Vac, 60Hz	Adair Peng

3.3 Configuration of System under Test

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

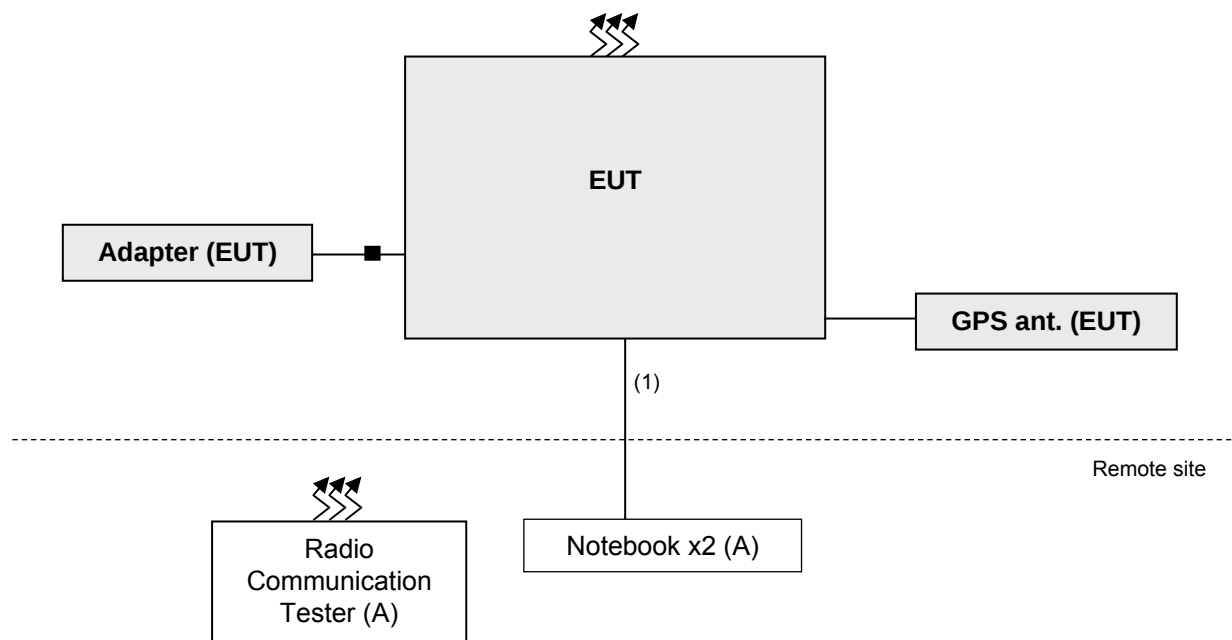
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Notebook	DELL	E5410	1HC2XM1	FCC DoC Approved	-
	Notebook	DELL	E5520	8Y4DMQ1	FCC DoC Approved	-
B.	Radio Communication Tester	Anritsu	MT8820C	6201010284	NA	-

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Items A, B acted as communication partners to transfer data.

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	RJ45 Cable	2	6	N	0	-

3.3.1 Configuration of System under Test



3.4 General Description of Applied Standards

The EUT is a RF Product. According to the specification of the EUT declared by the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C (15.247)

FCC Part 15, Subpart E (15.407)

FCC Part 22, Subpart H

FCC Part 24, Subpart E

FCC Part 27, Subpart C, D, F, H, L, M

FCC Part 90, Subpart S

ANSI C63.10:2013

ANSI C63.26:2015

All test items have been performed and recorded as per the above standards.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

FCC PART 15.209:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Applicable To			Limit	
789033 D02 General UNII Test Procedure New Rules v02r01			Field Strength at 3m	
			PK: 74 (dBµV/m)	AV: 54 (dBµV/m)
Frequency Band	Applicable To		EIRP Limit	Equivalent Field Strength at 3m
5150~5250 MHz	15.407(b)(1)		PK: -27 (dBm/MHz)	PK: 68.2(dBµV/m)
5250~5350 MHz	15.407(b)(2)			
5470~5725 MHz	15.407(b)(3)			
5725~5850 MHz	☒	15.407(b)(4)(i)	PK: -27 (dBm/MHz) ^{*1} PK: 10 (dBm/MHz) ^{*2} PK: 15.6 (dBm/MHz) ^{*3} PK: 27 (dBm/MHz) ^{*4}	PK: 68.2 (dBµV/m) ^{*1} PK: 105.2 (dBµV/m) ^{*2} PK: 110.8 (dBµV/m) ^{*3} PK: 122.2 (dBµV/m) ^{*4}
	☐	15.407(b)(4)(ii)	Emission limits in section 15.247(d)	
^{*1} beyond 75 MHz or more above of the band edge.			^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.	
^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.			^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000 \sqrt{30 P}}{3} \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Jan. 03, 2019	Jan. 02, 2020
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	10040	Sep. 25, 2018	Sep. 24, 2019
BILOG Antenna SCHWARZBECK	VULB9168	9168-171	Nov. 22, 2018	Nov. 21, 2019
HORN Antenna SCHWARZBECK	9120D	209	Nov. 25, 2018	Nov. 24, 2019
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 25, 2018	Nov. 24, 2019
Loop Antenna EMCI	EM-6879	269	Sep. 07, 2018	Sep. 06, 2019
Preamplifier Agilent (Below 1GHz)	8447D	2944A10738	Aug. 21, 2018	Aug. 20, 2019
Preamplifier Agilent (Above 1GHz)	8449B	3008A02465	Mar. 27, 2019	Mar. 26, 2020
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH3-03 (223653/4)	Aug. 21, 2018	Aug. 20, 2019
RF signal cable HUBER+SUHNER& EMCI	SUCOFLEX 104&EMC104-SM- SM-8000	Cable-CH3-03 (309224+170907)	Aug. 21, 2018	Aug. 20, 2019
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021702	NA	NA
Turn Table BV ADT	TT100	TT93021702	NA	NA
Turn Table Controller BV ADT	SC100	SC93021702	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Nov. 14, 2018	Nov. 13, 2019
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 03, 2019	Jun. 02, 2020
JFW 20dB attenuation	50HF-020-SMA	NA	NA	NA
True RMS Clamp Meter Fluke	325	31130711WS	May 21, 2019	May 20, 2020

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 3.

4.1.3 Test Procedures

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

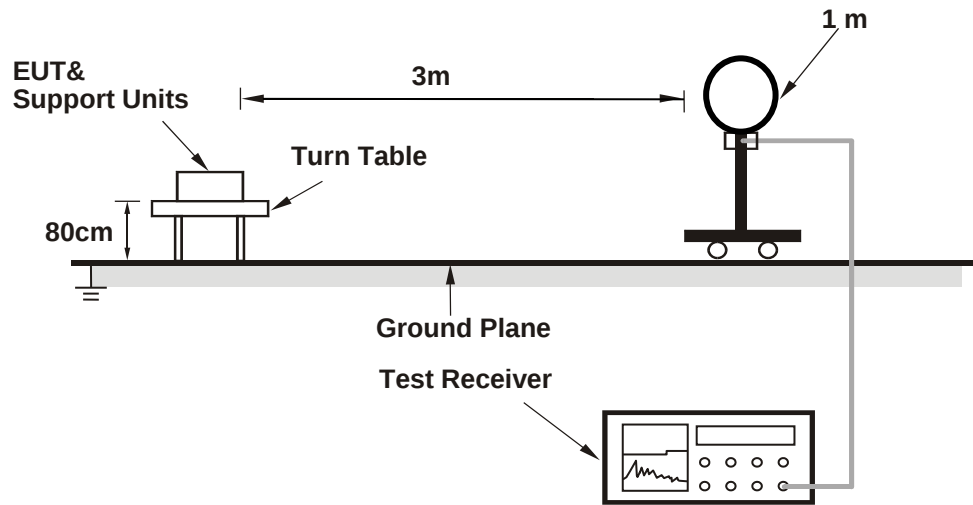
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

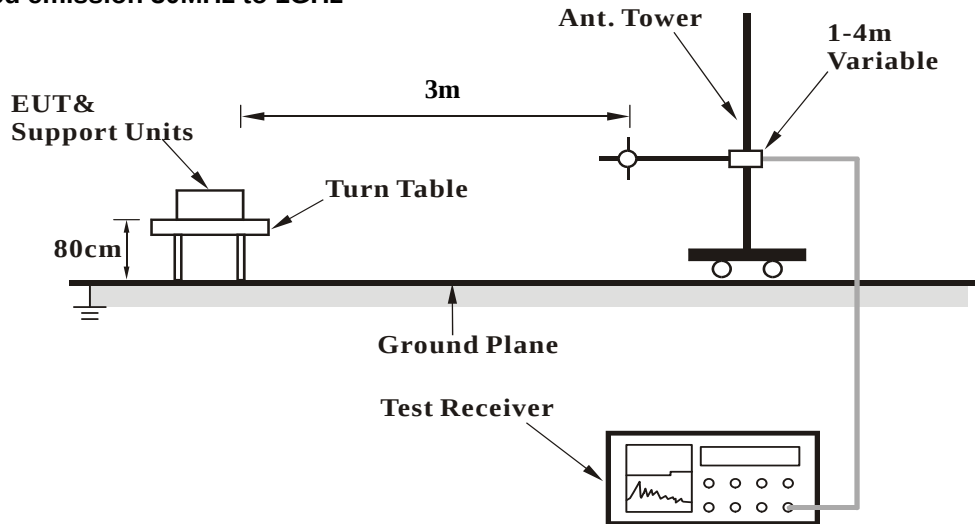
No deviation.

4.1.5 Test Setup

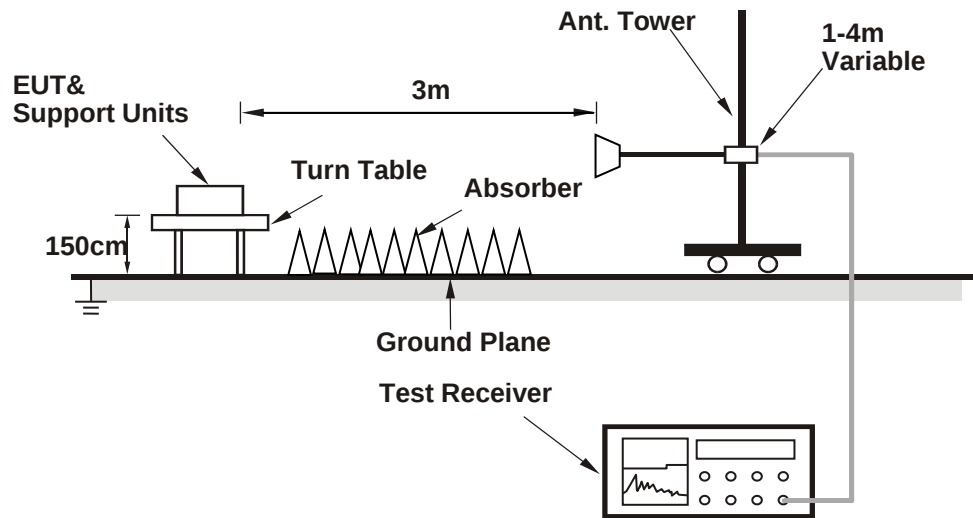
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT Operating Conditions

- Set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results

Above 1GHz data:

Mode 1

802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26865

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.0 PK	74.0	-10.0	3.84 H	303	31.1	32.9
2	2390.00	50.2 AV	54.0	-3.8	3.84 H	303	17.3	32.9
3	*2437.00	111.9 PK			3.90 H	315	79.0	32.9
4	*2437.00	100.3 AV			3.90 H	315	67.4	32.9
5	*2480.00	84.9 PK			3.73 H	233	51.9	33.0
6	*2480.00	80.7 AV			3.73 H	233	47.7	33.0
7	2483.50	63.3 PK	74.0	-10.7	3.91 H	311	30.3	33.0
8	2483.50	48.9 AV	54.0	-5.1	3.91 H	311	15.9	33.0
9	4874.00	47.8 PK	74.0	-26.2	1.75 H	199	43.8	4.0
10	4874.00	34.9 AV	54.0	-19.1	1.75 H	199	30.9	4.0
11	4960.00	47.8 PK	74.0	-26.2	1.91 H	209	43.3	4.5
12	4960.00	38.8 AV	54.0	-15.2	1.91 H	209	34.3	4.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.6 PK	74.0	-1.4	1.59 V	177	39.7	32.9
2	2390.00	53.6 AV	54.0	-0.4	1.59 V	177	20.7	32.9
3	*2437.00	119.8 PK			1.51 V	166	86.9	32.9
4	*2437.00	109.1 AV			1.51 V	166	76.2	32.9
5	*2480.00	93.7 PK			1.61 V	33	60.7	33.0
6	*2480.00	93.0 AV			1.61 V	33	60.0	33.0
7	2483.50	73.1 PK	74.0	-0.9	1.68 V	155	40.1	33.0
8	2483.50	53.0 AV	54.0	-1.0	1.68 V	155	20.0	33.0
9	4874.00	48.9 PK	74.0	-25.1	1.91 V	309	44.9	4.0
10	4874.00	35.5 AV	54.0	-18.5	1.91 V	309	31.5	4.0
11	4960.00	53.5 PK	74.0	-20.5	1.31 V	303	49.0	4.5
12	4960.00	47.0 AV	54.0	-7.0	1.31 V	303	42.5	4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-17.25	15.05	0.17	15.22	38.45	-23.23
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-13.13	20.03	0.17	20.20	38.45	-18.25

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-65.20	-68.56	5.51	-63.05	-13.00	-50.05
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-63.30	-65.45	5.51	-59.94	-13.00	-46.94

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 2

802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 26, CH 26865

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.4 PK	74.0	-9.6	3.88 H	309	31.5	32.9
2	2390.00	50.3 AV	54.0	-3.7	3.88 H	309	17.4	32.9
3	*2402.00	90.1 PK			1.50 H	20	57.2	32.9
4	*2402.00	89.4 AV			1.50 H	20	56.5	32.9
5	*2437.00	111.7 PK			3.91 H	317	78.8	32.9
6	*2437.00	100.4 AV			3.91 H	317	67.5	32.9
7	2483.50	63.5 PK	74.0	-10.5	3.87 H	320	30.5	33.0
8	2483.50	49.0 AV	54.0	-5.0	3.87 H	320	16.0	33.0
9	4804.00	49.9 PK	74.0	-24.1	3.53 H	101	46.3	3.6
10	4804.00	46.1 AV	54.0	-7.9	3.53 H	101	42.5	3.6
11	4874.00	48.0 PK	74.0	-26.0	1.80 H	202	44.0	4.0
12	4874.00	35.1 AV	54.0	-18.9	1.80 H	202	31.1	4.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.8 PK	74.0	-1.2	1.61 V	180	39.9	32.9
2	2390.00	53.7 AV	54.0	-0.3	1.61 V	180	20.8	32.9
3	*2402.00	98.0 PK			1.51 V	47	65.1	32.9
4	*2402.00	97.2 AV			1.51 V	47	64.3	32.9
5	*2437.00	119.5 PK			1.55 V	170	86.6	32.9
6	*2437.00	108.9 AV			1.55 V	170	76.0	32.9
7	2483.50	72.9 PK	74.0	-1.1	1.70 V	160	39.9	33.0
8	2483.50	52.9 AV	54.0	-1.1	1.70 V	160	19.9	33.0
9	4804.00	53.5 PK	74.0	-20.5	1.33 V	339	49.9	3.6
10	4804.00	49.5 AV	54.0	-4.5	1.33 V	339	45.9	3.6
11	4874.00	48.8 PK	74.0	-25.2	1.95 V	310	44.8	4.0
12	4874.00	35.3 AV	54.0	-18.7	1.95 V	310	31.3	4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-17.31	14.99	0.17	15.16	38.45	-23.29
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-13.05	20.11	0.17	20.28	38.45	-18.17

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-65.00	-68.36	5.51	-62.85	-13.00	-49.85
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-63.42	-65.57	5.51	-60.06	-13.00	-47.06

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 3

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26865

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	85.0 PK			3.77 H	240	52.0	33.0
2	*2480.00	80.8 AV			3.77 H	240	47.8	33.0
3	2483.50	59.9 PK	74.0	-14.1	3.63 H	250	26.9	33.0
4	2483.50	47.7 AV	54.0	-6.3	3.63 H	250	14.7	33.0
5	4960.00	47.7 PK	74.0	-26.3	1.88 H	211	43.2	4.5
6	4960.00	38.8 AV	54.0	-15.2	1.88 H	211	34.3	4.5
7	#5632.05	55.1 PK	68.2	-13.1	3.93 H	216	50.6	4.5
8	*5745.00	111.5 PK			3.93 H	216	71.4	40.1
9	*5745.00	99.8 AV			3.93 H	216	59.7	40.1
10	#5958.33	57.7 PK	68.2	-10.5	3.93 H	216	52.4	5.3
11	11490.00	59.1 PK	74.0	-14.9	2.69 H	222	41.1	18.0
12	11490.00	44.9 AV	54.0	-9.1	2.69 H	222	26.9	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	93.8 PK			1.69 V	35	60.8	33.0
2	*2480.00	93.1 AV			1.69 V	35	60.1	33.0
3	2483.50	24.5 PK	74.0	-49.5	1.70 V	50	27.3	-2.8
4	2483.50	12.1 AV	54.0	-41.9	1.70 V	50	14.9	-2.8
5	4960.00	53.3 PK	74.0	-20.7	1.33 V	309	48.8	4.5
6	4960.00	47.1 AV	54.0	-6.9	1.33 V	309	42.6	4.5
7	#5645.51	56.7 PK	68.2	-11.5	1.81 V	296	52.2	4.5
8	*5745.00	117.9 PK			1.81 V	296	77.8	40.1
9	*5745.00	106.1 AV			1.81 V	296	66.0	40.1
10	#5961.54	57.5 PK	68.2	-10.7	1.81 V	296	52.2	5.3
11	11490.00	60.5 PK	74.0	-13.5	2.03 V	333	42.5	18.0
12	11490.00	45.7 AV	54.0	-8.3	2.03 V	333	27.7	18.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-17.23	15.07	0.17	15.24	38.45	-23.21
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-13.13	20.03	0.17	20.20	38.45	-18.25

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-65.13	-68.49	5.51	-62.98	-13.00	-49.98
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-63.25	-65.40	5.51	-59.89	-13.00	-46.89

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 4

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 26, CH 26865

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.6 PK	74.0	-13.4	1.61 H	29	27.7	32.9
2	2390.00	48.2 AV	54.0	-5.8	1.61 H	29	15.3	32.9
3	*2402.00	90.2 PK			1.51 H	22	57.3	32.9
4	*2402.00	89.5 AV			1.51 H	22	56.6	32.9
5	4804.00	50.1 PK	74.0	-23.9	3.50 H	109	46.5	3.6
6	4804.00	46.2 AV	54.0	-7.8	3.50 H	109	42.6	3.6
7	#5632.11	55.2 PK	68.2	-13.0	3.90 H	220	50.7	4.5
8	*5745.00	111.6 PK			3.90 H	220	71.5	40.1
9	*5745.00	99.7 AV			3.90 H	220	59.6	40.1
10	#5958.37	57.8 PK	68.2	-10.4	3.90 H	220	52.5	5.3
11	11490.00	59.2 PK	74.0	-14.8	2.71 H	223	41.2	18.0
12	11490.00	45.0 AV	54.0	-9.0	2.71 H	223	27.0	18.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.4 PK	74.0	-13.6	1.70 V	60	27.5	32.9
2	2390.00	48.8 AV	54.0	-5.2	1.70 V	60	15.9	32.9
3	*2402.00	98.4 PK			1.66 V	57	65.5	32.9
4	*2402.00	97.4 AV			1.66 V	57	64.5	32.9
5	4804.00	53.7 PK	74.0	-20.3	1.41 V	343	50.1	3.6
6	4804.00	49.7 AV	54.0	-4.3	1.41 V	343	46.1	3.6
7	#5645.59	56.9 PK	68.2	-11.3	1.90 V	300	52.4	4.5
8	*5745.00	118.0 PK			1.90 V	300	77.9	40.1
9	*5745.00	107.4 AV			1.90 V	300	67.3	40.1
10	#5961.54	57.8 PK	68.2	-10.4	1.90 V	300	52.5	5.3
11	11490.00	60.4 PK	74.0	-13.6	2.10 V	336	42.4	18.0
12	11490.00	45.8 AV	54.0	-8.2	2.10 V	336	27.8	18.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-17.30	15.00	0.17	15.17	38.45	-23.28
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	831.00	-13.10	20.06	0.17	20.23	38.45	-18.22

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-65.37	-68.73	5.51	-63.22	-13.00	-50.22
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1662.00	-63.55	-65.70	5.51	-60.19	-13.00	-47.19

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 5

802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 25, CH 26615

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.7 PK	74.0	-9.3	3.79 H	310	31.8	32.9
2	2390.00	50.5 AV	54.0	-3.5	3.79 H	310	17.6	32.9
3	*2437.00	111.7 PK			3.91 H	320	78.8	32.9
4	*2437.00	100.4 AV			3.91 H	320	67.5	32.9
5	*2480.00	85.0 PK			3.69 H	244	52.0	33.0
6	*2480.00	80.8 AV			3.69 H	244	47.8	33.0
7	2483.50	63.5 PK	74.0	-10.5	3.80 H	306	30.5	33.0
8	2483.50	49.0 AV	54.0	-5.0	3.80 H	306	16.0	33.0
9	4874.00	48.0 PK	74.0	-26.0	1.81 H	205	44.0	4.0
10	4874.00	35.1 AV	54.0	-18.9	1.81 H	205	31.1	4.0
11	4960.00	47.7 PK	74.0	-26.3	2.05 H	211	43.2	4.5
12	4960.00	38.6 AV	54.0	-15.4	2.05 H	211	34.1	4.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.4 PK	74.0	-1.6	1.61 V	180	39.5	32.9
2	2390.00	53.4 AV	54.0	-0.6	1.61 V	180	20.5	32.9
3	*2437.00	119.7 PK			1.61 V	170	86.8	32.9
4	*2437.00	108.9 AV			1.61 V	170	76.0	32.9
5	*2480.00	93.9 PK			1.59 V	43	60.9	33.0
6	*2480.00	92.9 AV			1.59 V	43	59.9	33.0
7	2483.50	73.2 PK	74.0	-0.8	1.70 V	160	40.2	33.0
8	2483.50	53.2 AV	54.0	-0.8	1.70 V	160	20.2	33.0
9	4874.00	48.7 PK	74.0	-25.3	1.93 V	299	44.7	4.0
10	4874.00	35.6 AV	54.0	-18.4	1.93 V	299	31.6	4.0
11	4960.00	53.7 PK	74.0	-20.3	1.51 V	311	49.2	4.5
12	4960.00	47.2 AV	54.0	-6.8	1.51 V	311	42.7	4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-21.90	17.74	1.11	18.85	33.00	-14.15
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-17.30	21.21	1.11	22.32	33.00	-10.68

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-69.20	-63.41	7.06	-56.35	-13.00	-43.35
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-67.50	-61.57	7.06	-54.51	-13.00	-41.51

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 6

802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 25, CH 26615

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.6 PK	74.0	-9.4	3.91 H	312	31.7	32.9
2	2390.00	50.5 AV	54.0	-3.5	3.91 H	312	17.6	32.9
3	*2402.00	90.3 PK	74.0	16.3	1.61 H	31	57.4	32.9
4	*2402.00	89.5 AV	54.0	35.5	1.61 H	31	56.6	32.9
5	*2437.00	111.9 PK			3.88 H	320	79.0	32.9
6	*2437.00	100.5 AV			3.88 H	320	67.6	32.9
7	2483.50	27.9 PK	74.0	-46.1	3.82 H	331	30.7	-2.8
8	2483.50	13.4 AV	54.0	-40.6	3.82 H	331	16.2	-2.8
9	4804.00	49.8 PK	74.0	-24.2	3.60 H	112	46.2	3.6
10	4804.00	45.9 AV	54.0	-8.1	3.60 H	112	42.3	3.6
11	4874.00	48.3 PK	74.0	-25.7	1.85 H	219	44.3	4.0
12	4874.00	35.3 AV	54.0	-18.7	1.85 H	219	31.3	4.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.5 PK	74.0	-1.5	1.66 V	185	39.6	32.9
2	2390.00	53.6 AV	54.0	-0.4	1.66 V	185	20.7	32.9
3	*2402.00	98.0 PK	74.0	24.0	1.59 V	50	65.1	32.9
4	*2402.00	97.0 AV	54.0	43.0	1.59 V	50	64.1	32.9
5	*2437.00	119.2 PK			1.63 V	169	86.3	32.9
6	*2437.00	108.6 AV			1.63 V	169	75.7	32.9
7	2483.50	72.8 PK	74.0	-1.2	1.77 V	163	39.8	33.0
8	2483.50	52.8 AV	54.0	-1.2	1.77 V	163	19.8	33.0
9	4804.00	53.1 PK	74.0	-20.9	1.41 V	333	49.5	3.6
10	4804.00	49.1 AV	54.0	-4.9	1.41 V	333	45.5	3.6
11	4874.00	49.0 PK	74.0	-25.0	2.05 V	313	45.0	4.0
12	4874.00	35.3 AV	54.0	-18.7	2.05 V	313	31.3	4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-21.85	17.79	1.11	18.90	33.00	-14.10
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-17.35	21.16	1.11	22.27	33.00	-10.73

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-69.12	-63.33	7.06	-56.27	-13.00	-43.27
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-67.35	-61.42	7.06	-54.36	-13.00	-41.36

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 7

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 25, CH 26615

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	94.0 QP			1.71 H	41	61.0	33.0
2	*2480.00	92.9 QP			1.71 H	41	59.9	33.0
3	2483.50	60.1 QP	74.0	-13.9	1.67 H	37	27.1	33.0
4	2483.50	47.8 QP	54.0	-6.2	1.67 H	37	14.8	33.0
5	4960.00	53.4 QP	74.0	-20.6	1.44 H	312	48.9	4.5
6	4960.00	47.2 QP	54.0	-6.8	1.44 H	312	42.7	4.5
7	*5745.00	111.6 QP			3.89 H	229	71.5	40.1
8	*5745.00	100.0 QP			3.89 H	229	59.9	40.1
9	11490.00	59.3 QP	74.0	-14.7	2.73 H	233	41.3	18.0
10	11490.00	45.1 QP	54.0	-8.9	2.73 H	233	27.1	18.0
11	5632.55	55.2 QP	68.2	-13.0	3.89 H	229	50.7	4.5
12	5958.67	57.9 QP	68.2	-10.3	3.89 H	229	52.6	5.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	85.1 QP			3.69 V	239	52.1	33.0
2	*2480.00	80.9 QP			3.69 V	239	47.9	33.0
3	2483.50	60.0 QP	74.0	-14.0	3.73 V	243	27.0	33.0
4	2483.50	47.8 QP	54.0	-6.2	3.73 V	243	14.8	33.0
5	4960.00	47.9 QP	74.0	-26.1	1.94 V	215	43.4	4.5
6	4960.00	39.1 QP	54.0	-14.9	1.94 V	215	34.6	4.5
7	*5745.00	118.0 QP			2.12 V	323	77.9	40.1
8	*5745.00	106.2 QP			2.12 V	323	66.1	40.1
9	11490.00	60.7 QP	74.0	-13.3	2.22 V	303	42.7	18.0
10	11490.00	45.5 QP	54.0	-8.5	2.22 V	303	27.5	18.0
11	5645.41	56.6 QP	68.2	-11.6	2.12 V	323	52.1	4.5
12	5961.85	57.2 QP	68.2	-11.0	2.12 V	323	51.9	5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-21.93	17.71	1.11	18.82	33.00	-14.18
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-17.27	21.24	1.11	22.35	33.00	-10.65

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-69.43	-63.64	7.06	-56.58	-13.00	-43.58
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-67.63	-61.70	7.06	-54.64	-13.00	-41.64

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 8

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 25, CH 26615

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.5 QP	74.0	-13.5	1.59 H	39	27.6	32.9
2	2390.00	48.0 QP	54.0	-6.0	1.59 H	39	15.1	32.9
3	*2402.00	90.4 QP			1.59 H	35	57.5	32.9
4	*2402.00	89.4 QP			1.59 H	35	56.5	32.9
5	4804.00	49.9 QP	74.0	-24.1	3.53 H	111	46.3	3.6
6	4804.00	46.1 QP	54.0	-7.9	3.53 H	111	42.5	3.6
7	*5745.00	111.4 QP			3.91 H	231	71.3	40.1
8	*5745.00	99.9 QP			3.91 H	231	59.8	40.1
9	11490.00	59.5 QP	74.0	-14.5	2.82 H	229	41.5	18.0
10	11490.00	45.2 QP	54.0	-8.8	2.82 H	229	27.2	18.0
11	5632.45	55.4 QP	68.2	-12.8	3.91 H	231	50.9	4.5
12	5958.13	58.0 QP	68.2	-10.2	3.91 H	231	52.7	5.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.4 QP	74.0	-13.6	1.77 V	69	27.5	32.9
2	2390.00	48.6 QP	54.0	-5.4	1.77 V	69	15.7	32.9
3	*2402.00	98.3 QP			1.63 V	63	65.4	32.9
4	*2402.00	97.2 QP			1.63 V	63	64.3	32.9
5	4804.00	53.5 QP	74.0	-20.5	1.51 V	350	49.9	3.6
6	4804.00	49.4 QP	54.0	-4.6	1.51 V	350	45.8	3.6
7	*5745.00	117.8 QP			1.99 V	313	77.7	40.1
8	*5745.00	107.2 QP			1.99 V	313	67.1	40.1
9	11490.00	60.5 QP	74.0	-13.5	1.99 V	339	42.5	18.0
10	11490.00	45.9 QP	54.0	-8.1	1.99 V	339	27.9	18.0
11	5640.38	56.2 QP	68.2	-12.0	1.99 V	313	51.7	4.5
12	5971.79	57.0 QP	68.2	-11.2	1.99 V	313	51.6	5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-21.96	17.68	1.11	18.79	33.00	-14.21
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1907.50	-17.33	21.18	1.11	22.29	33.00	-10.71

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-69.45	-63.66	7.06	-56.60	-13.00	-43.60
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815.00	-67.26	-61.33	7.06	-54.27	-13.00	-41.27

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 9

802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 12, CH 23095

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.6 PK	74.0	-9.4	3.69 H	308	31.7	32.9
2	2390.00	50.3 AV	54.0	-3.7	3.69 H	308	17.4	32.9
3	*2437.00	111.4 PK			3.89 H	320	78.5	32.9
4	*2437.00	100.3 AV			3.89 H	320	67.4	32.9
5	*2480.00	85.2 PK			3.60 H	266	52.2	33.0
6	*2480.00	80.6 AV			3.60 H	266	47.6	33.0
7	2483.50	63.9 PK	74.0	-10.1	3.57 H	270	30.9	33.0
8	2483.50	49.1 AV	54.0	-4.9	3.57 H	270	16.1	33.0
9	4874.00	47.7 PK	74.0	-26.3	1.85 H	213	43.7	4.0
10	4874.00	35.3 AV	54.0	-18.7	1.85 H	213	31.3	4.0
11	4960.00	48.0 PK	74.0	-26.0	2.13 H	233	43.5	4.5
12	4960.00	38.8 AV	54.0	-15.2	2.13 H	233	34.3	4.5

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.2 PK	74.0	-1.8	1.73 V	191	39.3	32.9
2	2390.00	53.4 AV	54.0	-0.6	1.73 V	191	20.5	32.9
3	*2437.00	119.4 PK			1.59 V	166	86.5	32.9
4	*2437.00	108.9 AV			1.59 V	166	76.0	32.9
5	*2480.00	93.7 PK			1.63 V	60	60.7	33.0
6	*2480.00	93.0 AV			1.63 V	60	60.0	33.0
7	2483.50	73.0 PK	74.0	-1.0	1.63 V	153	40.0	33.0
8	2483.50	53.1 AV	54.0	-0.9	1.63 V	153	20.1	33.0
9	4874.00	48.7 PK	74.0	-25.3	1.81 V	320	44.7	4.0
10	4960.00	53.2 PK	74.0	-20.8	1.50 V	303	48.7	4.5
11	4960.00	47.4 AV	54.0	-6.6	1.50 V	303	42.9	4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.10	18.86	-1.07	17.79	34.77	-16.98
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.55	21.38	-1.07	20.31	34.77	-14.46

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-68.30	-70.30	4.75	-65.55	-13.00	-52.55
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-66.20	-68.30	4.75	-63.55	-13.00	-50.55

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 10

802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 12, CH 23095

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.8 PK	74.0	-9.2	3.69 H	299	31.9	32.9
2	2390.00	50.4 AV	54.0	-3.6	3.69 H	299	17.5	32.9
3	*2402.00	90.1 PK			1.75 H	43	57.2	32.9
4	*2402.00	89.4 AV			1.75 H	43	56.5	32.9
5	*2437.00	111.7 PK			3.71 H	303	78.8	32.9
6	*2437.00	100.4 AV			3.71 H	303	67.5	32.9
7	2483.50	64.0 PK	74.0	-10.0	3.68 H	309	31.0	33.0
8	2483.50	49.5 AV	54.0	-4.5	3.68 H	309	16.5	33.0
9	4804.00	49.5 PK	74.0	-24.5	3.33 H	129	45.9	3.6
10	4804.00	46.4 AV	54.0	-7.6	3.33 H	129	42.8	3.6
11	4874.00	48.5 PK	74.0	-25.5	1.93 H	223	44.5	4.0
12	4874.00	35.6 AV	54.0	-18.4	1.93 H	223	31.6	4.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.7 PK	74.0	-1.3	1.81 V	190	39.8	32.9
2	2390.00	53.5 AV	54.0	-0.5	1.81 V	190	20.6	32.9
3	*2402.00	98.3 PK			1.60 V	61	65.4	32.9
4	*2402.00	97.1 AV			1.60 V	61	64.2	32.9
5	*2437.00	119.1 PK			1.66 V	185	86.2	32.9
6	*2437.00	108.9 AV			1.66 V	185	76.0	32.9
7	2483.50	71.4 PK	74.0	-2.6	1.81 V	160	38.4	33.0
8	2483.50	52.7 AV	54.0	-1.3	1.81 V	160	19.7	33.0
9	4804.00	52.9 PK	74.0	-21.1	1.61 V	333	49.3	3.6
10	4804.00	48.9 AV	54.0	-5.1	1.61 V	333	45.3	3.6
11	4874.00	49.2 PK	74.0	-24.8	2.11 V	343	45.2	4.0
12	4874.00	35.6 AV	54.0	-18.4	2.11 V	343	31.6	4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.31	18.65	-1.07	17.58	34.77	-17.19
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.62	21.31	-1.07	20.24	34.77	-14.53

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-67.98	-69.98	4.75	-65.23	-13.00	-52.23
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-65.98	-68.08	4.75	-63.33	-13.00	-50.33

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 11

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 12, CH 23095

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	85.4 QP			3.67 H	233	52.4	33.0
2	*2480.00	80.9 QP			3.67 H	233	47.9	33.0
3	2483.50	59.9 QP	74.0	-14.1	3.57 H	241	26.9	33.0
4	2483.50	47.9 QP	54.0	-6.1	3.57 H	241	14.9	33.0
5	4960.00	48.0 QP	74.0	-26.0	2.01 H	219	43.5	4.5
6	4960.00	39.0 QP	54.0	-15.0	2.01 H	219	34.5	4.5
7	*5745.00	111.6 QP			3.71 H	229	71.5	40.1
8	*5745.00	100.1 QP			3.71 H	229	60.0	40.1
9	11490.00	59.1 QP	74.0	-14.9	2.71 H	233	41.1	18.0
10	11490.00	44.9 QP	54.0	-9.1	2.71 H	233	26.9	18.0
11	5604.41	54.9 QP	68.2	-13.3	3.71 H	229	50.3	4.6
12	5987.23	57.6 QP	68.2	-10.6	3.71 H	229	52.2	5.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	94.2 QP			1.77 V	43	61.2	33.0
2	*2480.00	93.6 QP			1.77 V	43	60.6	33.0
3	2483.50	60.6 QP	74.0	-13.4	1.70 V	45	27.6	33.0
4	2483.50	48.1 QP	54.0	-5.9	1.70 V	45	15.1	33.0
5	4960.00	53.1 QP	74.0	-20.9	1.45 V	320	48.6	4.5
6	4960.00	47.1 QP	54.0	-6.9	1.45 V	320	42.6	4.5
7	*5745.00	118.0 QP			1.99 V	327	77.9	40.1
8	*5745.00	106.4 QP			1.99 V	327	66.3	40.1
9	11490.00	60.7 QP	74.0	-13.3	2.19 V	350	42.7	18.0
10	11490.00	46.1 QP	54.0	-7.9	2.19 V	350	28.1	18.0
11	5645.11	62.1 QP	68.2	-6.1	1.99 V	327	57.6	4.5
12	5961.14	57.6 QP	68.2	-10.6	1.99 V	327	52.3	5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.11	18.85	-1.07	17.78	34.77	-16.99
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.59	21.34	-1.07	20.27	34.77	-14.50

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-67.97	-69.97	4.75	-65.22	-13.00	-52.22
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-66.59	-68.69	4.75	-63.94	-13.00	-50.94

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 12

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 12, CH 23095

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.3 QP	74.0	-13.7	1.70 H	40	27.4	32.9
2	2390.00	48.0 QP	54.0	-6.0	1.70 H	40	15.1	32.9
3	*2402.00	90.4 QP			1.55 H	41	57.5	32.9
4	*2402.00	89.2 QP			1.55 H	41	56.3	32.9
5	4804.00	49.9 QP	74.0	-24.1	3.49 H	113	46.3	3.6
6	4804.00	46.4 QP	54.0	-7.6	3.49 H	113	42.8	3.6
7	*5745.00	111.6 QP			3.69 H	233	71.5	40.1
8	*5745.00	100.0 QP			3.69 H	233	59.9	40.1
9	11490.00	59.7 QP	74.0	-14.3	2.91 H	233	41.7	18.0
10	11490.00	45.5 QP	54.0	-8.5	2.91 H	233	27.5	18.0
11	5632.05	55.1 QP	68.2	-13.1	3.69 H	233	50.6	4.5
12	5958.33	57.7 QP	68.2	-10.5	3.69 H	233	52.4	5.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.6 QP	74.0	-13.4	1.81 V	57	27.7	32.9
2	2390.00	48.9 QP	54.0	-5.1	1.81 V	57	16.0	32.9
3	*2402.00	98.2 QP			1.74 V	61	65.3	32.9
4	*2402.00	97.2 QP			1.74 V	61	64.3	32.9
5	4804.00	53.3 QP	74.0	-20.7	1.51 V	350	49.7	3.6
6	4804.00	49.5 QP	54.0	-4.5	1.51 V	350	45.9	3.6
7	*5745.00	117.9 QP			2.03 V	331	77.8	40.1
8	*5745.00	107.2 QP			2.03 V	331	67.1	40.1
9	11490.00	60.6 QP	74.0	-13.4	2.31 V	330	42.6	18.0
10	11490.00	45.3 QP	54.0	-8.7	2.31 V	330	27.3	18.0
11	5645.51	57.4 QP	68.2	-10.8	2.03 V	331	52.9	4.5
12	5961.54	57.8 QP	68.2	-10.4	2.03 V	331	52.5	5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-10.97	18.99	-1.07	17.92	34.77	-16.85
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	707.50	-11.51	21.42	-1.07	20.35	34.77	-14.42

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-68.09	-70.09	4.75	-65.34	-13.00	-52.34
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1415.00	-66.02	-68.12	4.75	-63.37	-13.00	-50.37

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 13

802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26697

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.2 PK	74.0	-9.8	3.77 H	309	31.3	32.9
2	2390.00	50.4 AV	54.0	-3.6	3.77 H	309	17.5	32.9
3	*2437.00	111.6 PK			3.91 H	313	78.7	32.9
4	*2437.00	100.2 AV			3.91 H	313	67.3	32.9
5	*2480.00	85.0 PK			3.57 H	255	52.0	33.0
6	*2480.00	80.5 AV			3.57 H	255	47.5	33.0
7	2483.50	63.5 PK	74.0	-10.5	3.80 H	315	30.5	33.0
8	2483.50	49.0 AV	54.0	-5.0	3.80 H	315	16.0	33.0
9	4874.00	48.0 PK	74.0	-26.0	1.81 H	203	44.0	4.0
10	4874.00	35.1 AV	54.0	-18.9	1.81 H	203	31.1	4.0
11	4960.00	47.7 PK	74.0	-26.3	2.03 H	211	43.2	4.5
12	4960.00	38.6 AV	54.0	-15.4	2.03 H	211	34.1	4.5
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.7 PK	74.0	-1.3	1.66 V	180	39.8	32.9
2	2390.00	53.5 AV	54.0	-0.5	1.66 V	180	20.6	32.9
3	*2437.00	119.9 PK			1.55 V	170	87.0	32.9
4	*2437.00	109.0 AV			1.55 V	170	76.1	32.9
5	*2480.00	93.5 PK			1.60 V	57	60.5	33.0
6	*2480.00	92.9 AV			1.60 V	57	59.9	33.0
7	2483.50	73.3 PK	74.0	-0.7	1.70 V	163	40.3	33.0
8	2483.50	53.2 AV	54.0	-0.8	1.70 V	163	20.2	33.0
9	4874.00	49.0 PK	74.0	-25.0	1.88 V	313	45.0	4.0
10	4874.00	35.3 AV	54.0	-18.7	1.88 V	313	31.3	4.0
11	4960.00	53.3 PK	74.0	-20.7	1.43 V	299	48.8	4.5
12	4960.00	47.1 AV	54.0	-6.9	1.43 V	299	42.6	4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-16.57	15.30	-0.23	15.07	34.77	-19.70
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-13.85	19.43	-0.23	19.20	34.77	-15.57

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-67.10	-70.76	5.44	-65.32	-13.00	-52.32
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-65.70	-68.10	5.44	-62.66	-13.00	-49.66

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 14

802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 26, CH 26697

Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.6 PK	74.0	-9.4	3.75 H	305	31.7	32.9
2	2390.00	50.2 AV	54.0	-3.8	3.75 H	305	17.3	32.9
3	*2402.00	90.2 PK			1.69 H	33	57.3	32.9
4	*2402.00	89.5 AV			1.69 H	33	56.6	32.9
5	*2437.00	111.8 PK			3.76 H	303	78.9	32.9
6	*2437.00	100.5 AV			3.76 H	303	67.6	32.9
7	2483.50	63.9 PK	74.0	-10.1	3.77 H	339	30.9	33.0
8	2483.50	49.3 AV	54.0	-4.7	3.77 H	339	16.3	33.0
9	4804.00	50.1 PK	74.0	-23.9	3.29 H	123	46.5	3.6
10	4804.00	46.2 AV	54.0	-7.8	3.29 H	123	42.6	3.6
11	4874.00	48.3 PK	74.0	-25.7	1.89 H	221	44.3	4.0
12	4874.00	35.4 AV	54.0	-18.6	1.89 H	221	31.4	4.0
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	72.2 PK	74.0	-1.8	1.75 V	188	39.3	32.9
2	2390.00	53.6 AV	54.0	-0.4	1.75 V	188	20.7	32.9
3	*2402.00	98.2 PK			1.55 V	52	65.3	32.9
4	*2402.00	97.3 AV			1.55 V	52	64.4	32.9
5	*2437.00	119.2 PK			1.59 V	182	86.3	32.9
6	*2437.00	109.0 AV			1.59 V	182	76.1	32.9
7	2483.50	71.9 PK	74.0	-2.1	1.75 V	155	38.9	33.0
8	2483.50	52.8 AV	54.0	-1.2	1.75 V	155	19.8	33.0
9	4804.00	53.1 PK	74.0	-20.9	1.51 V	343	49.5	3.6
10	4804.00	49.3 AV	54.0	-4.7	1.51 V	343	45.7	3.6
11	4874.00	49.0 PK	74.0	-25.0	2.03 V	331	45.0	4.0
12	4874.00	35.5 AV	54.0	-18.5	2.03 V	331	31.5	4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-16.51	15.36	-0.23	15.13	34.77	-19.64
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-13.91	19.37	-0.23	19.14	34.77	-15.63

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-66.95	-70.61	5.44	-65.17	-13.00	-52.17
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-65.83	-68.23	5.44	-62.79	-13.00	-49.79

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 15

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26697

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	85.2 QP			3.57 H	229	52.2	33.0
2	*2480.00	81.0 QP			3.57 H	229	48.0	33.0
3	2483.50	60.0 QP	74.0	-14.0	3.69 H	233	27.0	33.0
4	2483.50	47.8 QP	54.0	-6.2	3.69 H	233	14.8	33.0
5	4960.00	48.2 QP	74.0	-25.8	1.93 H	222	43.7	4.5
6	4960.00	39.0 QP	54.0	-15.0	1.93 H	222	34.5	4.5
7	*5745.00	111.4 QP			3.77 H	220	71.3	40.1
8	*5745.00	99.9 QP			3.77 H	220	59.8	40.1
9	11490.00	59.3 QP	74.0	-14.7	2.73 H	229	41.3	18.0
10	11490.00	45.0 QP	54.0	-9.0	2.73 H	229	27.0	18.0
11	5604.49	55.1 QP	68.2	-13.1	3.77 H	220	50.5	4.6
12	5987.18	57.5 QP	68.2	-10.7	3.77 H	220	52.1	5.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	94.0 QP			1.75 V	50	61.0	33.0
2	*2480.00	93.5 QP			1.75 V	50	60.5	33.0
3	2483.50	60.5 QP	74.0	-13.5	1.69 V	44	27.5	33.0
4	2483.50	48.0 QP	54.0	-6.0	1.69 V	44	15.0	33.0
5	4960.00	53.3 QP	74.0	-20.7	1.40 V	313	48.8	4.5
6	4960.00	47.2 QP	54.0	-6.8	1.40 V	313	42.7	4.5
7	*5745.00	117.8 QP			1.85 V	303	77.7	40.1
8	*5745.00	106.2 QP			1.85 V	303	66.1	40.1
9	11490.00	60.5 QP	74.0	-13.5	2.10 V	343	42.5	18.0
10	11490.00	45.9 QP	54.0	-8.1	2.10 V	343	27.9	18.0
11	5645.51	57.2 QP	68.2	-11.0	1.85 V	303	52.7	4.5
12	5961.54	57.5 QP	68.2	-10.7	1.85 V	303	52.2	5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-16.52	15.35	-0.23	15.12	34.77	-19.65
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-13.81	19.47	-0.23	19.24	34.77	-15.53

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-67.05	-70.71	5.44	-65.27	-13.00	-52.27
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-65.42	-67.82	5.44	-62.38	-13.00	-49.38

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode 16

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 26, CH 26697

Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.7 QP	74.0	-13.3	1.69 H	33	27.8	32.9
2	2390.00	48.4 QP	54.0	-5.6	1.69 H	33	15.5	32.9
3	*2402.00	90.4 QP			1.55 H	23	57.5	32.9
4	*2402.00	89.7 QP			1.55 H	23	56.8	32.9
5	4804.00	49.9 QP	74.0	-24.1	3.57 H	112	46.3	3.6
6	4804.00	46.1 QP	54.0	-7.9	3.57 H	112	42.5	3.6
7	*5745.00	111.7 QP			3.79 H	223	71.6	40.1
8	*5745.00	99.6 QP			3.79 H	223	59.5	40.1
9	11490.00	59.5 QP	74.0	-14.5	2.83 H	229	41.5	18.0
10	11490.00	45.2 QP	54.0	-8.8	2.83 H	229	27.2	18.0
11	5604.66	55.3 QP	68.2	-12.9	3.79 H	223	50.7	4.6
12	5958.33	57.7 QP	68.2	-10.5	3.79 H	223	52.4	5.3
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.3 QP	74.0	-13.7	1.75 V	63	27.4	32.9
2	2390.00	48.5 QP	54.0	-5.5	1.75 V	63	15.6	32.9
3	*2402.00	98.5 QP			1.69 V	60	65.6	32.9
4	*2402.00	97.4 QP			1.69 V	60	64.5	32.9
5	4804.00	53.5 QP	74.0	-20.5	1.53 V	339	49.9	3.6
6	4804.00	49.4 QP	54.0	-4.6	1.53 V	339	45.8	3.6
7	*5745.00	118.1 QP			1.91 V	320	78.0	40.1
8	*5745.00	107.6 QP			1.91 V	320	67.5	40.1
9	11490.00	60.5 QP	74.0	-13.5	2.13 V	335	42.5	18.0
10	11490.00	45.7 QP	54.0	-8.3	2.13 V	335	27.7	18.0
11	5645.63	57.1 QP	68.2	-11.1	1.91 V	320	52.6	4.5
12	5961.66	57.8 QP	68.2	-10.4	1.91 V	320	52.5	5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-16.63	15.24	-0.23	15.01	34.77	-19.76
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	814.70	-13.88	19.40	-0.23	19.17	34.77	-15.60

Note: ERP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-67.23	-70.89	5.44	-65.45	-13.00	-52.45
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	1629.40	-65.69	-68.09	5.44	-62.65	-13.00	-49.65

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Below 1GHz data:

Mode 1

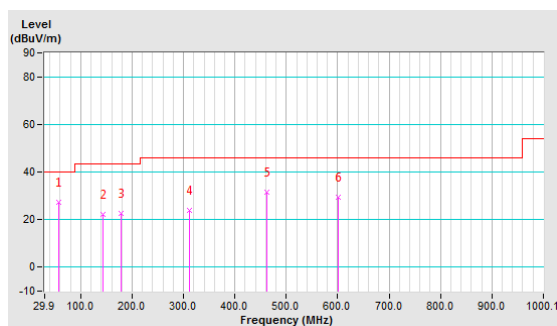
802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26865

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	27.2 QP	40.0	-12.8	1.99 H	224	37.3	-10.1
2	142.67	22.3 QP	43.5	-21.2	1.99 H	70	31.7	-9.4
3	177.67	22.5 QP	43.5	-21.0	1.50 H	254	32.5	-10.0
4	311.82	24.1 QP	46.0	-21.9	1.00 H	316	31.1	-7.0
5	461.53	31.6 QP	46.0	-14.4	1.99 H	7	35.9	-4.3
6	601.52	29.5 QP	46.0	-16.5	1.00 H	292	30.7	-1.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

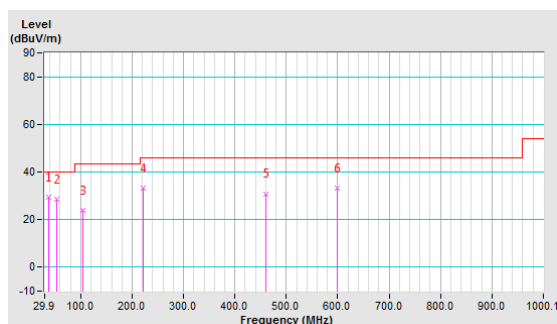


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.68	29.4 QP	40.0	-10.6	1.01 V	5	40.1	-10.7
2	53.23	28.7 QP	40.0	-11.3	1.01 V	5	38.5	-9.8
3	103.78	24.0 QP	43.5	-19.5	1.01 V	50	37.1	-13.1
4	222.38	33.1 QP	46.0	-12.9	1.50 V	11	43.7	-10.6
5	459.59	30.9 QP	46.0	-15.1	1.01 V	305	35.2	-4.3
6	599.58	33.3 QP	46.0	-12.7	1.50 V	99	34.5	-1.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

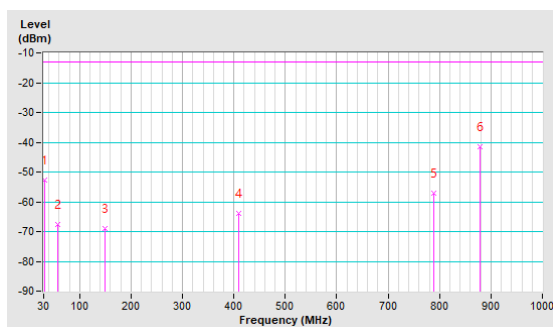


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	31.94	-54.0	-34.5	-18.3	-52.8	-13.0	-39.8
2	57.16	-61.8	-62.9	-4.7	-67.6	-13.0	-54.6
3	148.34	-62.1	-66.1	-3.0	-69.1	-13.0	-56.1
4	410.24	-61.4	-67.1	3.3	-63.8	-13.0	-50.8
5	789.51	-60.2	-61.0	4.0	-57.0	-13.0	-44.0
6	878.75	-46.5	-45.0	3.4	-41.6	-13.0	-28.6

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



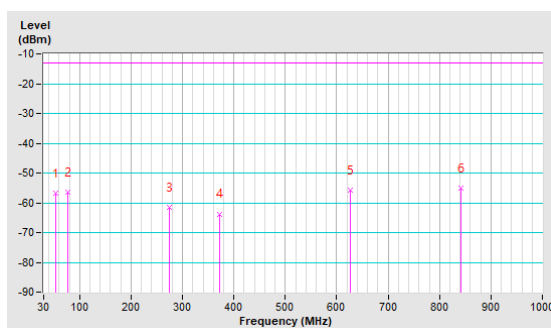
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	53.28	-47.7	-50.5	-6.2	-56.7	-13.0	-43.7
2	77.53	-48.6	-56.8	0.5	-56.3	-13.0	-43.3
3	275.41	-62.4	-59.8	-1.6	-61.4	-13.0	-48.4
4	371.44	-61.2	-67.6	3.9	-63.7	-13.0	-50.7
5	626.55	-58.5	-59.4	3.7	-55.7	-13.0	-42.7
6	840.92	-60.2	-58.8	3.7	-55.1	-13.0	-42.1

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 2

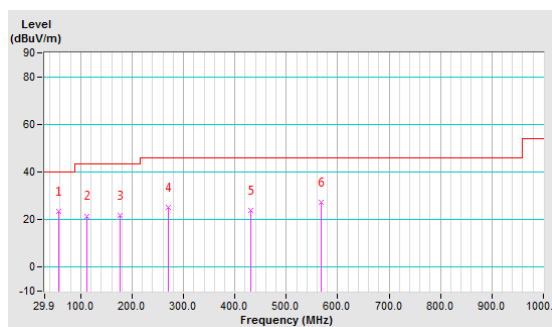
802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 26, CH 26865

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.5 QP	40.0	-16.5	1.50 H	119	33.6	-10.1
2	111.56	21.6 QP	43.5	-21.9	1.00 H	50	34.0	-12.4
3	175.72	21.6 QP	43.5	-21.9	1.00 H	250	31.5	-9.9
4	270.99	25.3 QP	46.0	-20.7	1.99 H	15	33.6	-8.3
5	430.42	24.1 QP	46.0	-21.9	1.00 H	150	28.7	-4.6
6	568.47	27.3 QP	46.0	-18.7	1.00 H	159	29.5	-2.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

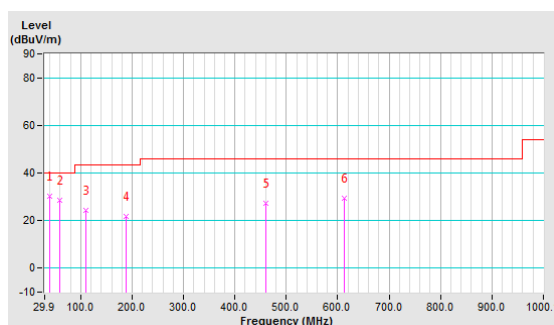


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.4 QP	40.0	-9.6	1.00 V	22	40.8	-10.4
2	59.06	28.5 QP	40.0	-11.5	1.00 V	227	38.6	-10.1
3	109.62	24.4 QP	43.5	-19.1	1.99 V	91	36.9	-12.5
4	187.39	21.7 QP	43.5	-21.8	1.00 V	63	32.6	-10.9
5	459.59	27.1 QP	46.0	-18.9	1.50 V	162	31.4	-4.3
6	613.19	29.3 QP	46.0	-16.7	1.00 V	116	30.2	-0.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

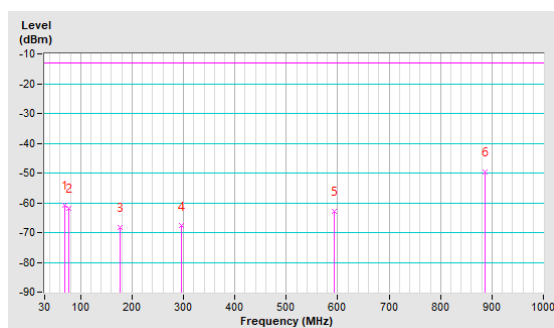


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	69.77	-52.2	-60.1	-0.6	-60.7	-13.0	-47.7
2	76.56	-54.0	-62.1	0.3	-61.8	-13.0	-48.8
3	177.44	-58.2	-65.2	-3.0	-68.2	-13.0	-55.2
4	295.78	-62.8	-66.0	-1.8	-67.8	-13.0	-54.8
5	593.57	-61.9	-66.5	3.7	-62.8	-13.0	-49.8
6	886.51	-54.8	-53.1	3.4	-49.7	-13.0	-36.7

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



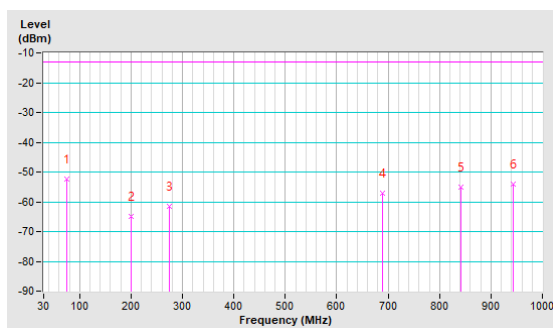
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	75.59	-44.5	-52.6	0.2	-52.4	-13.0	-39.4
2	199.75	-61.7	-62.5	-2.4	-64.9	-13.0	-51.9
3	275.41	-62.4	-59.8	-1.6	-61.4	-13.0	-48.4
4	689.60	-60.6	-60.6	3.5	-57.1	-13.0	-44.1
5	840.92	-60.2	-58.8	3.7	-55.1	-13.0	-42.1
6	943.74	-61.0	-57.7	3.7	-54.0	-13.0	-41.0

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 3

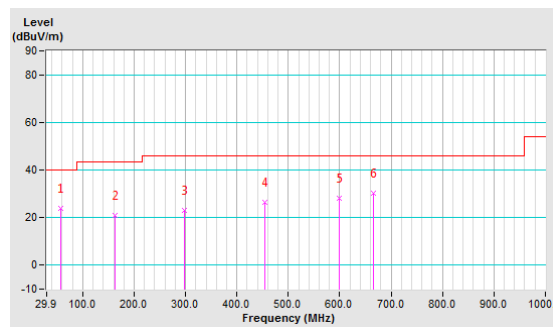
802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26865

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.7 QP	40.0	-16.3	1.50 H	273	33.8	-10.1
2	162.11	21.0 QP	43.5	-22.5	1.00 H	290	30.0	-9.0
3	298.21	23.2 QP	46.0	-22.8	1.50 H	116	30.7	-7.5
4	453.75	26.4 QP	46.0	-19.6	2.00 H	16	30.7	-4.3
5	599.58	28.2 QP	46.0	-17.8	1.00 H	60	29.4	-1.2
6	665.68	30.2 QP	46.0	-15.8	1.00 H	31	30.6	-0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

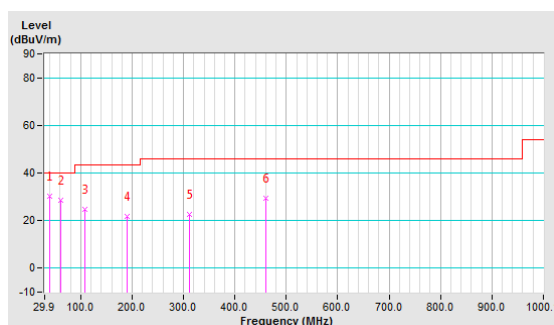


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.3 QP	40.0	-9.7	2.00 V	12	40.7	-10.4
2	61.01	28.6 QP	40.0	-11.4	1.00 V	221	39.1	-10.5
3	107.67	24.7 QP	43.5	-18.8	1.00 V	50	37.3	-12.6
4	189.33	21.7 QP	43.5	-21.8	1.50 V	52	32.8	-11.1
5	311.82	22.8 QP	46.0	-23.2	1.50 V	5	29.8	-7.0
6	459.59	29.2 QP	46.0	-16.8	1.00 V	298	33.5	-4.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

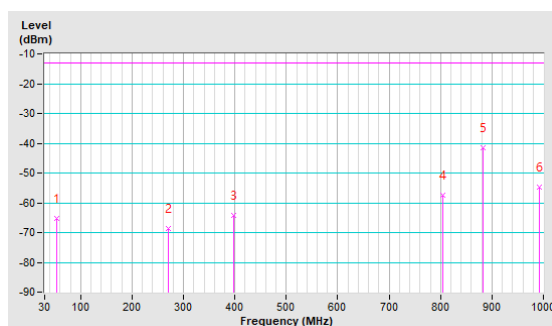


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	54.25	-61.1	-59.6	-5.7	-65.3	-13.0	-52.3
2	269.59	-62.2	-67.1	-1.4	-68.5	-13.0	-55.5
3	398.60	-61.4	-67.5	3.3	-64.2	-13.0	-51.2
4	805.03	-60.8	-61.2	3.9	-57.3	-13.0	-44.3
5	882.63	-46.3	-44.7	3.3	-41.4	-13.0	-28.4
6	991.27	-61.6	-58.3	3.4	-54.9	-13.0	-41.9

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



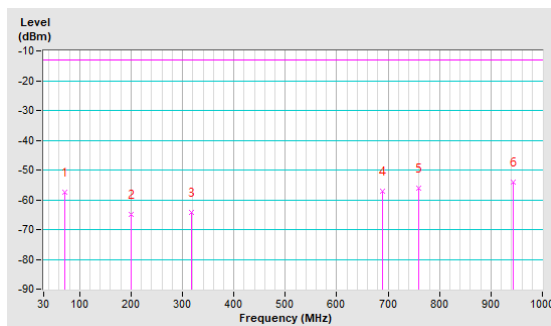
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	70.74	-49.2	-57.2	-0.4	-57.6	-13.0	-44.6
2	199.75	-61.7	-62.5	-2.4	-64.9	-13.0	-51.9
3	318.09	-61.8	-68.1	4.0	-64.1	-13.0	-51.1
4	689.60	-60.6	-60.6	3.5	-57.1	-13.0	-44.1
5	759.44	-61.0	-59.8	3.8	-56.0	-13.0	-43.0
6	943.74	-61.0	-57.7	3.7	-54.0	-13.0	-41.0

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 4

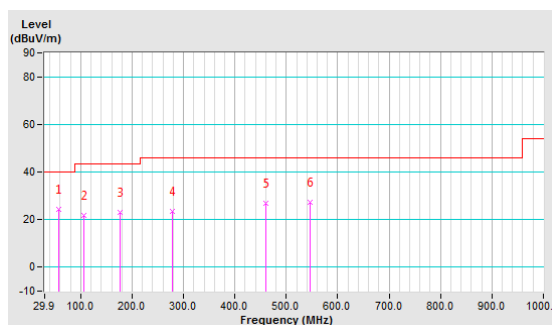
802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 26, CH 26865

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.3 QP	40.0	-15.7	1.50 H	262	34.4	-10.1
2	105.73	21.8 QP	43.5	-21.7	1.50 H	245	34.7	-12.9
3	175.72	22.9 QP	43.5	-20.6	1.00 H	249	32.8	-9.9
4	278.77	23.5 QP	46.0	-22.5	1.00 H	295	31.5	-8.0
5	459.59	26.9 QP	46.0	-19.1	1.00 H	16	31.2	-4.3
6	547.08	27.4 QP	46.0	-18.6	1.00 H	13	30.2	-2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

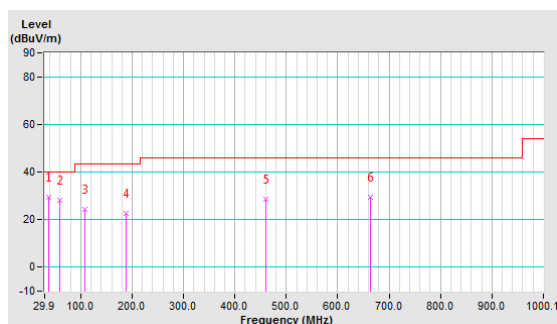


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.68	29.3 QP	40.0	-10.7	1.00 V	4	40.0	-10.7
2	59.06	28.1 QP	40.0	-11.9	1.00 V	276	38.2	-10.1
3	107.67	24.4 QP	43.5	-19.1	1.50 V	78	37.0	-12.6
4	187.39	22.6 QP	43.5	-20.9	1.00 V	66	33.5	-10.9
5	459.59	28.7 QP	46.0	-17.3	2.00 V	178	33.0	-4.3
6	663.74	29.4 QP	46.0	-16.6	1.00 V	303	29.8	-0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

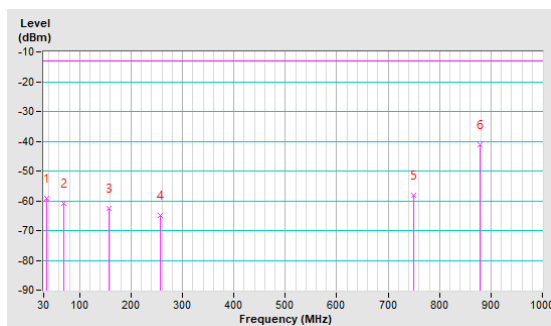


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	36.79	-60.4	-43.9	-15.2	-59.1	-13.0	-46.1
2	69.77	-52.2	-60.1	-0.6	-60.7	-13.0	-47.7
3	158.04	-55.7	-60.0	-2.7	-62.7	-13.0	-49.7
4	256.01	-57.6	-63.5	-1.5	-65.0	-13.0	-52.0
5	748.77	-60.1	-62.0	3.7	-58.3	-13.0	-45.3
6	877.78	-46.2	-44.7	3.4	-41.3	-13.0	-28.3

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

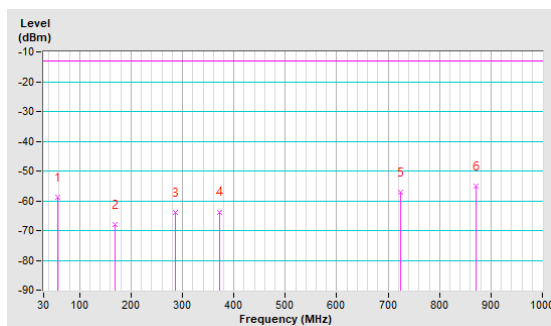


Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	58.13	-49.8	-54.7	-4.2	-58.9	-13.0	-45.9
2	168.71	-62.7	-65.3	-2.8	-68.1	-13.0	-55.1
3	286.08	-63.8	-62.2	-1.7	-63.9	-13.0	-50.9
4	371.44	-61.2	-67.6	3.9	-63.7	-13.0	-50.7
5	724.52	-61.4	-60.7	3.6	-57.1	-13.0	-44.1
6	870.99	-60.4	-58.5	3.4	-55.1	-13.0	-42.1

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 5

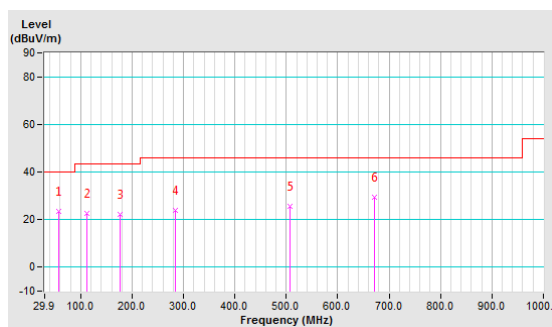
802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 25, CH 26615

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.3 QP	40.0	-16.7	1.50 H	88	33.4	-10.1
2	111.56	22.5 QP	43.5	-21.0	1.50 H	73	34.9	-12.4
3	175.72	22.3 QP	43.5	-21.2	1.00 H	269	32.2	-9.9
4	284.60	24.1 QP	46.0	-21.9	1.00 H	313	31.8	-7.7
5	506.25	25.4 QP	46.0	-20.6	2.00 H	17	29.0	-3.6
6	671.52	29.2 QP	46.0	-16.8	1.00 H	343	29.5	-0.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

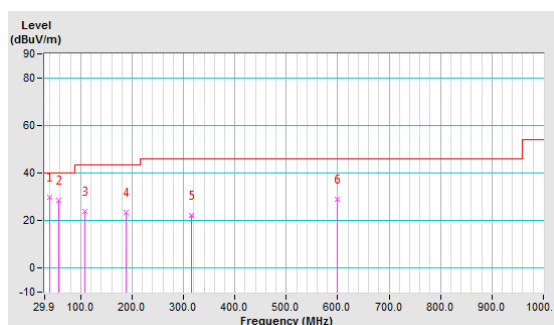


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	29.7 QP	40.0	-10.3	1.00 V	12	40.1	-10.4
2	57.12	28.4 QP	40.0	-11.6	1.00 V	16	38.5	-10.1
3	107.67	24.1 QP	43.5	-19.4	1.50 V	68	36.7	-12.6
4	187.39	23.4 QP	43.5	-20.1	1.00 V	71	34.3	-10.9
5	315.71	22.3 QP	46.0	-23.7	1.50 V	206	29.3	-7.0
6	599.58	28.9 QP	46.0	-17.1	1.00 V	324	30.1	-1.2

Remarks:

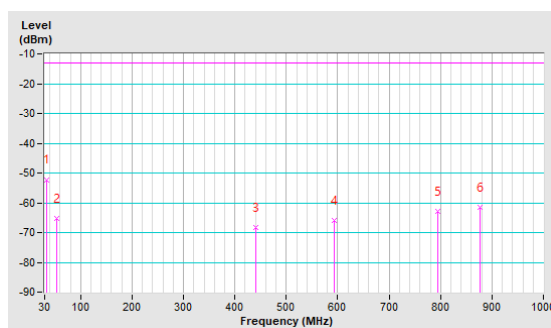
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	33.88	-55.1	-35.1	-17.1	-52.2	-13.0	-39.2
2	53.28	-63.7	-59.2	-6.2	-65.4	-13.0	-52.4
3	440.31	-68.1	-71.8	3.5	-68.3	-13.0	-55.3
4	592.60	-67.2	-69.6	3.7	-65.9	-13.0	-52.9
5	794.36	-68.3	-66.8	4.0	-62.8	-13.0	-49.8
6	876.81	-68.7	-64.9	3.3	-61.6	-13.0	-48.6

Remarks:

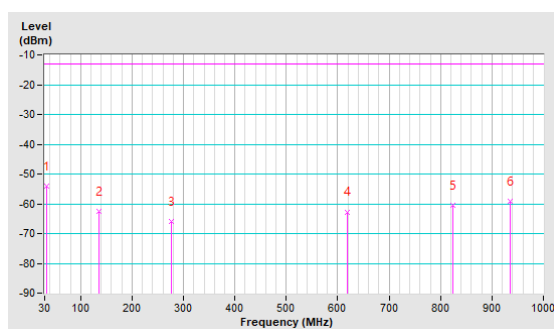
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	33.88	-43.4	-36.9	-17.1	-54.0	-13.0	-41.0
2	135.73	-59.1	-59.2	-3.2	-62.4	-13.0	-49.4
3	277.35	-69.3	-64.4	-1.6	-66.0	-13.0	-53.0
4	617.82	-67.5	-66.4	3.7	-62.7	-13.0	-49.7
5	824.43	-67.9	-64.3	3.9	-60.4	-13.0	-47.4
6	935.98	-68.0	-62.8	3.7	-59.1	-13.0	-46.1

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 6

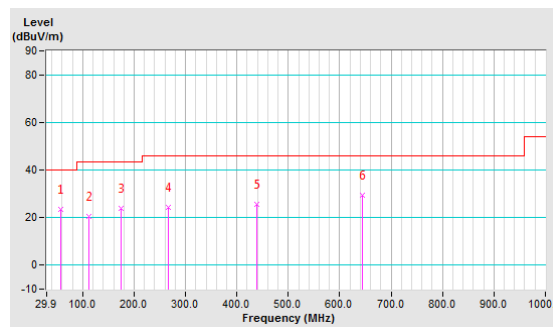
802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 25, CH 26615

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.5 QP	40.0	-16.5	1.00 H	273	33.6	-10.1
2	111.56	20.6 QP	43.5	-22.9	1.00 H	30	33.0	-12.4
3	173.78	24.0 QP	43.5	-19.5	1.50 H	232	33.7	-9.7
4	267.10	24.3 QP	46.0	-21.7	1.00 H	7	32.7	-8.4
5	438.20	25.4 QP	46.0	-20.6	2.00 H	139	29.9	-4.5
6	644.30	29.3 QP	46.0	-16.7	2.00 H	281	29.9	-0.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

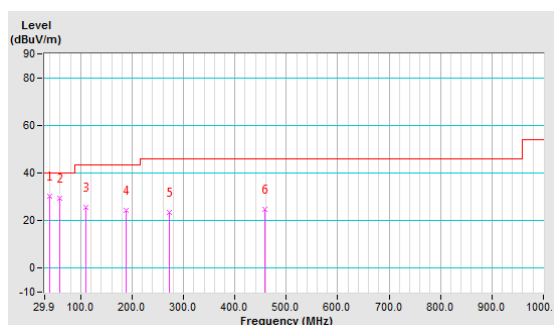


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.4 QP	40.0	-9.6	1.50 V	19	40.8	-10.4
2	59.06	29.4 QP	40.0	-10.6	1.00 V	286	39.5	-10.1
3	109.62	25.5 QP	43.5	-18.0	1.50 V	22	38.0	-12.5
4	187.39	24.5 QP	43.5	-19.0	1.00 V	68	35.4	-10.9
5	272.94	23.5 QP	46.0	-22.5	2.00 V	45	31.7	-8.2
6	457.64	24.9 QP	46.0	-21.1	1.00 V	7	29.2	-4.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

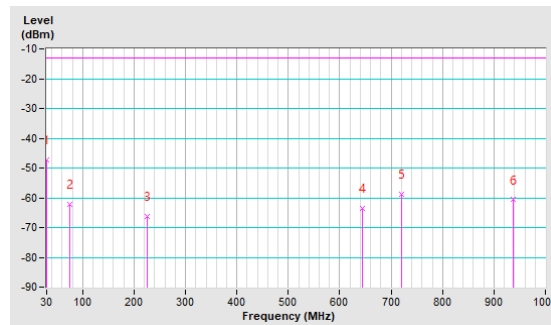


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-51.2	-27.8	-19.4	-47.2	-13.0	-34.2
2	74.62	-56.3	-62.2	0.1	-62.1	-13.0	-49.1
3	225.94	-58.5	-64.7	-1.7	-66.4	-13.0	-53.4
4	644.01	-65.6	-67.2	3.7	-63.5	-13.0	-50.5
5	719.67	-62.2	-62.5	3.6	-58.9	-13.0	-45.9
6	936.95	-68.9	-64.4	3.7	-60.7	-13.0	-47.7

Remarks:

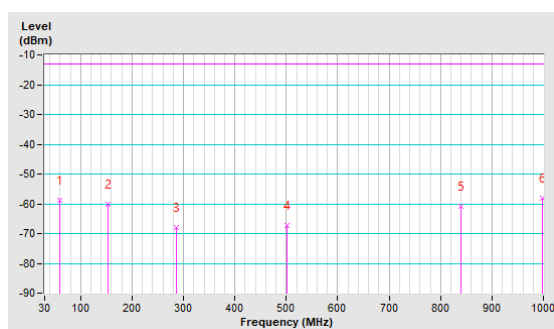
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	59.10	-51.9	-54.9	-3.8	-58.7	-13.0	-45.7
2	153.19	-58.0	-57.2	-2.9	-60.1	-13.0	-47.1
3	286.08	-69.9	-66.2	-1.7	-67.9	-13.0	-54.9
4	501.42	-67.3	-71.2	3.8	-67.4	-13.0	-54.4
5	839.95	-68.0	-64.5	3.8	-60.7	-13.0	-47.7
6	998.06	-68.2	-61.5	3.3	-58.2	-13.0	-45.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 7

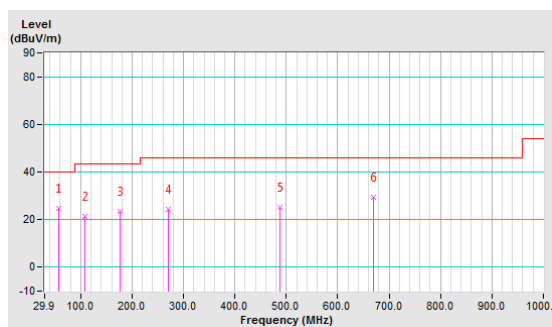
802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 25, CH 26615

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.7 QP	40.0	-15.3	1.00 H	138	34.8	-10.1
2	107.67	21.2 QP	43.5	-22.3	1.00 H	78	33.8	-12.6
3	175.72	23.4 QP	43.5	-20.1	1.50 H	244	33.3	-9.9
4	270.99	24.5 QP	46.0	-21.5	1.00 H	330	32.8	-8.3
5	486.81	25.2 QP	46.0	-20.8	1.50 H	264	29.1	-3.9
6	669.57	29.2 QP	46.0	-16.8	1.00 H	331	29.5	-0.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

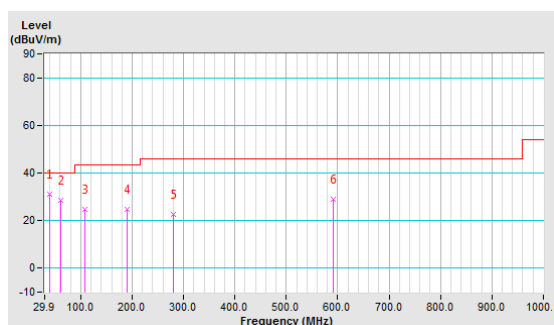


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	31.0 QP	40.0	-9.0	1.50 V	20	41.4	-10.4
2	61.01	28.6 QP	40.0	-11.4	1.00 V	200	39.1	-10.5
3	107.67	24.7 QP	43.5	-18.8	1.00 V	74	37.3	-12.6
4	189.33	24.6 QP	43.5	-18.9	1.50 V	52	35.7	-11.1
5	280.71	22.6 QP	46.0	-23.4	2.00 V	66	30.4	-7.8
6	591.80	29.1 QP	46.0	-16.9	1.00 V	20	30.5	-1.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

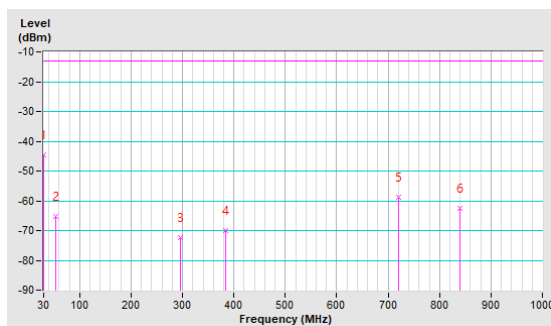


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-48.3	-25.8	-18.8	-44.6	-13.0	-31.6
2	53.28	-63.7	-59.2	-6.2	-65.4	-13.0	-52.4
3	295.78	-69.4	-70.5	-1.8	-72.3	-13.0	-59.3
4	384.05	-69.0	-73.4	3.5	-69.9	-13.0	-56.9
5	719.67	-62.2	-62.5	3.6	-58.9	-13.0	-45.9
6	839.95	-69.3	-66.4	3.8	-62.6	-13.0	-49.6

Remarks:

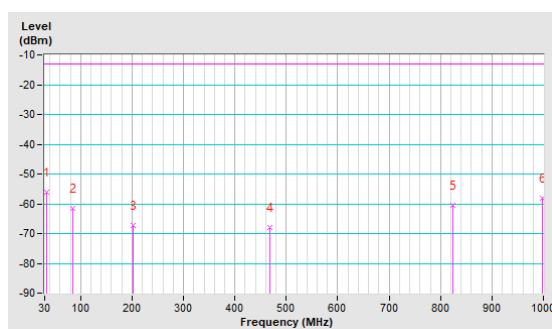
1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	34.85	-45.9	-39.6	-16.5	-56.1	-13.0	-43.1
2	85.29	-55.9	-61.7	0.3	-61.4	-13.0	-48.4
3	202.66	-65.8	-65.2	-2.1	-67.3	-13.0	-54.3
4	468.44	-67.7	-71.4	3.5	-67.9	-13.0	-54.9
5	824.43	-67.9	-64.3	3.9	-60.4	-13.0	-47.4
6	998.06	-68.2	-61.5	3.3	-58.2	-13.0	-45.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 8

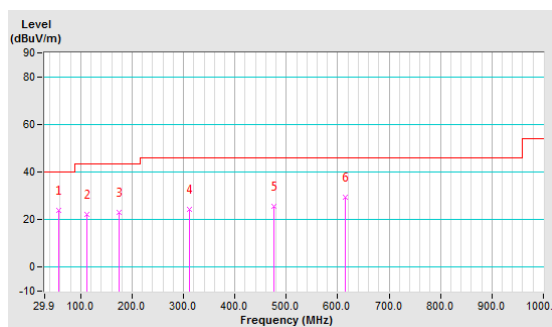
802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 25, CH 26615

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.8 QP	40.0	-16.2	1.50 H	118	33.9	-10.1
2	111.56	22.1 QP	43.5	-21.4	1.00 H	39	34.5	-12.4
3	173.78	23.0 QP	43.5	-20.5	1.00 H	254	32.7	-9.7
4	311.82	24.4 QP	46.0	-21.6	2.00 H	350	31.4	-7.0
5	475.14	25.7 QP	46.0	-20.3	1.00 H	59	29.8	-4.1
6	615.13	29.2 QP	46.0	-16.8	1.00 H	15	30.0	-0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

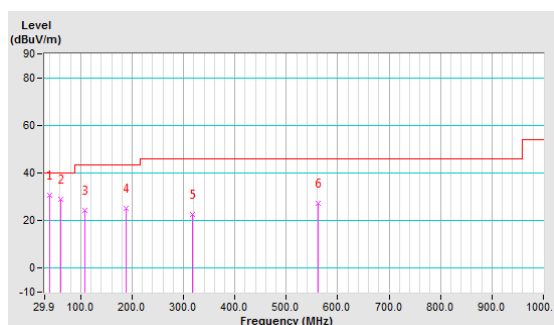


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.8 QP	40.0	-9.2	1.00 V	117	41.2	-10.4
2	61.01	28.9 QP	40.0	-11.1	1.00 V	204	39.4	-10.5
3	107.67	24.5 QP	43.5	-19.0	1.50 V	78	37.1	-12.6
4	187.39	25.3 QP	43.5	-18.2	1.00 V	58	36.2	-10.9
5	317.65	22.8 QP	46.0	-23.2	1.50 V	194	29.8	-7.0
6	562.64	27.4 QP	46.0	-18.6	1.00 V	16	29.8	-2.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

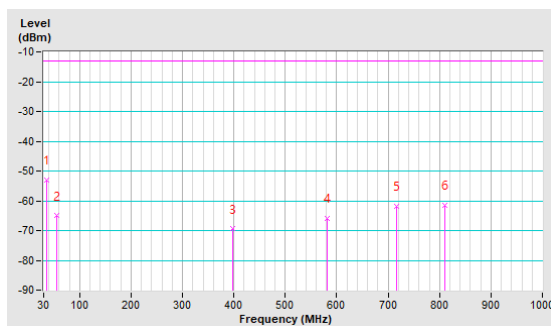


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	36.79	-56.5	-37.9	-15.2	-53.1	-13.0	-40.1
2	56.19	-62.0	-60.0	-5.1	-65.1	-13.0	-52.1
3	398.60	-68.8	-72.8	3.3	-69.5	-13.0	-56.5
4	581.93	-67.2	-69.7	3.7	-66.0	-13.0	-53.0
5	715.79	-65.1	-65.4	3.5	-61.9	-13.0	-48.9
6	810.85	-67.4	-65.6	4.0	-61.6	-13.0	-48.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

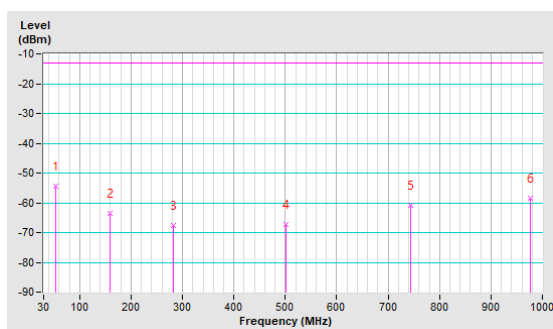


Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	54.25	-47.6	-48.7	-5.7	-54.4	-13.0	-41.4
2	159.01	-60.6	-60.8	-2.8	-63.6	-13.0	-50.6
3	282.20	-70.3	-65.8	-1.7	-67.5	-13.0	-54.5
4	501.42	-67.3	-71.2	3.8	-67.4	-13.0	-54.4
5	742.95	-67.9	-64.6	3.6	-61.0	-13.0	-48.0
6	975.75	-68.0	-62.2	3.6	-58.6	-13.0	-45.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 9

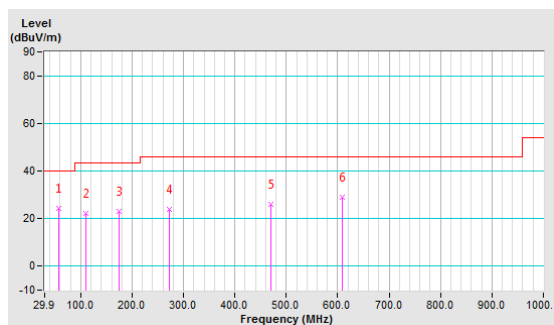
802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 12, CH 23095

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.2 QP	40.0	-15.8	2.00 H	240	34.3	-10.1
2	109.62	22.1 QP	43.5	-21.4	1.00 H	50	34.6	-12.5
3	173.78	23.1 QP	43.5	-20.4	2.00 H	250	32.8	-9.7
4	272.94	24.1 QP	46.0	-21.9	1.50 H	336	32.3	-8.2
5	469.31	25.9 QP	46.0	-20.1	1.00 H	268	30.1	-4.2
6	609.30	29.1 QP	46.0	-16.9	1.00 H	325	30.1	-1.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

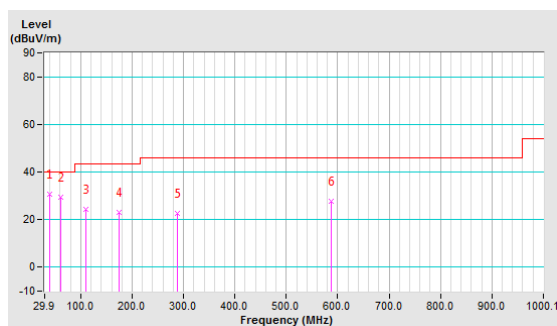


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.6 QP	40.0	-9.4	1.00 V	7	41.0	-10.4
2	61.01	29.6 QP	40.0	-10.4	1.00 V	233	40.1	-10.5
3	109.62	24.2 QP	43.5	-19.3	1.50 V	45	36.7	-12.5
4	173.78	23.2 QP	43.5	-20.3	1.00 V	343	32.9	-9.7
5	288.49	22.5 QP	46.0	-23.5	2.00 V	57	30.1	-7.6
6	587.91	27.9 QP	46.0	-18.1	1.00 V	74	29.4	-1.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

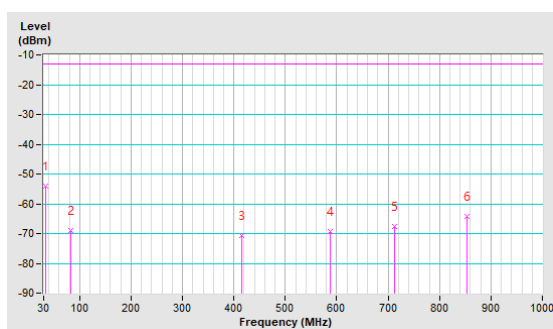


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	34.85	-57.2	-37.6	-16.5	-54.1	-13.0	-41.1
2	82.38	-63.7	-69.5	0.4	-69.1	-13.0	-56.1
3	416.06	-70.7	-74.1	3.4	-70.7	-13.0	-57.7
4	586.78	-70.4	-73.0	3.8	-69.2	-13.0	-56.2
5	711.91	-70.9	-71.2	3.5	-67.7	-13.0	-54.7
6	853.53	-70.9	-67.7	3.4	-64.3	-13.0	-51.3

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



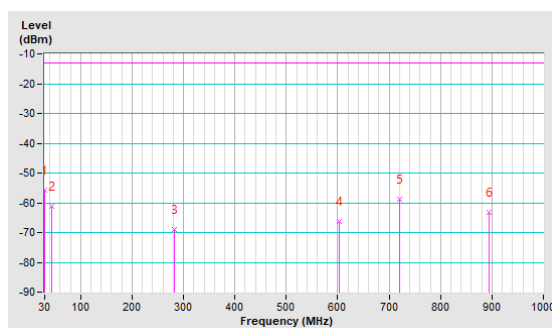
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	30.97	-45.7	-37.1	-18.8	-55.9	-13.0	-42.9
2	44.55	-52.8	-50.3	-10.9	-61.2	-13.0	-48.2
3	282.20	-71.7	-67.2	-1.7	-68.9	-13.0	-55.9
4	603.27	-70.1	-69.9	3.7	-66.2	-13.0	-53.2
5	720.64	-65.0	-62.4	3.6	-58.8	-13.0	-45.8
6	894.27	-71.5	-66.7	3.5	-63.2	-13.0	-50.2

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 10

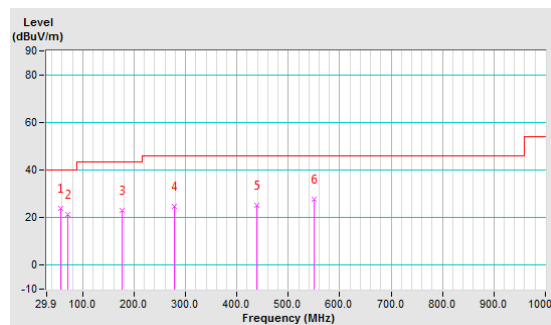
802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 12, CH 23095

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.9 QP	40.0	-16.1	1.50 H	214	34.0	-10.1
2	70.73	21.2 QP	40.0	-18.8	1.00 H	17	33.2	-12.0
3	175.72	23.0 QP	43.5	-20.5	1.50 H	244	32.9	-9.9
4	278.77	24.8 QP	46.0	-21.2	1.00 H	5	32.8	-8.0
5	438.20	25.3 QP	46.0	-20.7	2.00 H	33	29.8	-4.5
6	550.97	27.7 QP	46.0	-18.3	1.00 H	135	30.5	-2.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

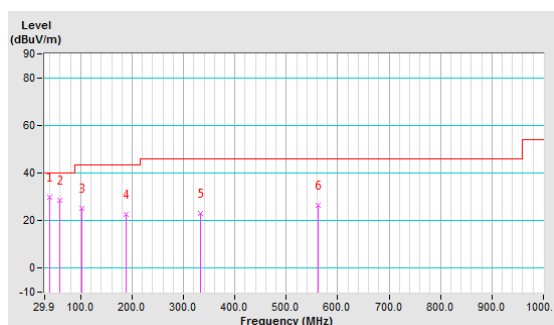


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	29.7 QP	40.0	-10.3	1.50 V	52	40.1	-10.4
2	59.06	28.6 QP	40.0	-11.4	1.50 V	213	38.7	-10.1
3	101.84	25.0 QP	43.5	-18.5	1.00 V	54	38.4	-13.4
4	187.39	22.7 QP	43.5	-20.8	1.00 V	64	33.6	-10.9
5	333.21	23.0 QP	46.0	-23.0	2.00 V	347	29.7	-6.7
6	562.64	26.6 QP	46.0	-19.4	1.00 V	117	29.0	-2.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

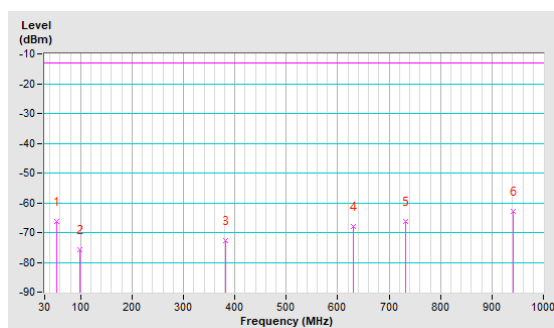


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	53.28	-64.7	-60.2	-6.2	-66.4	-13.0	-53.4
2	97.90	-66.9	-74.2	-1.4	-75.6	-13.0	-62.6
3	382.11	-71.3	-76.1	3.5	-72.6	-13.0	-59.6
4	630.43	-70.1	-71.6	3.6	-68.0	-13.0	-55.0
5	732.28	-70.2	-69.8	3.6	-66.2	-13.0	-53.2
6	941.80	-71.4	-66.8	3.8	-63.0	-13.0	-50.0

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



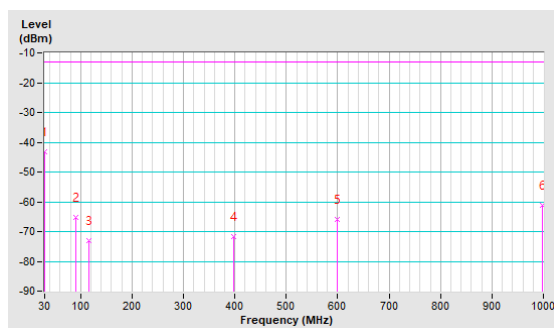
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-33.2	-23.7	-19.4	-43.1	-13.0	-30.1
2	90.14	-58.9	-65.0	-0.2	-65.2	-13.0	-52.2
3	116.33	-65.8	-70.0	-3.0	-73.0	-13.0	-60.0
4	398.60	-71.0	-75.1	3.3	-71.8	-13.0	-58.8
5	599.39	-69.7	-69.9	3.8	-66.1	-13.0	-53.1
6	998.06	-71.2	-64.5	3.3	-61.2	-13.0	-48.2

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 11

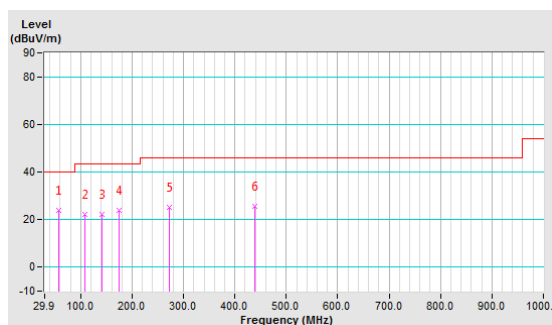
802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 12, CH 23095

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.1 QP	40.0	-15.9	1.50 H	148	34.2	-10.1
2	107.67	22.1 QP	43.5	-21.4	1.00 H	248	34.7	-12.6
3	140.72	22.3 QP	43.5	-21.2	1.50 H	266	31.9	-9.6
4	173.78	23.8 QP	43.5	-19.7	1.00 H	246	33.5	-9.7
5	272.94	25.2 QP	46.0	-20.8	1.00 H	25	33.4	-8.2
6	438.20	25.4 QP	46.0	-20.6	2.00 H	142	29.9	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

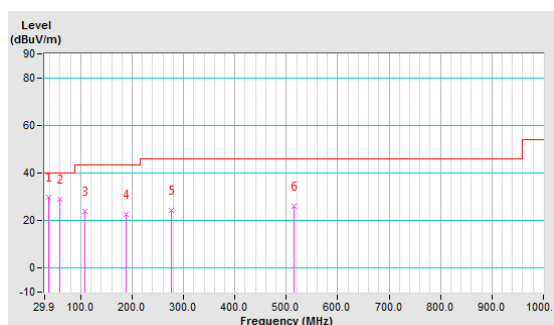


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.68	30.0 QP	40.0	-10.0	1.00 V	6	40.7	-10.7
2	59.06	29.0 QP	40.0	-11.0	1.00 V	216	39.1	-10.1
3	107.67	23.9 QP	43.5	-19.6	1.50 V	46	36.5	-12.6
4	187.39	22.8 QP	43.5	-20.7	1.00 V	15	33.7	-10.9
5	276.82	24.2 QP	46.0	-21.8	1.50 V	70	32.2	-8.0
6	515.97	25.9 QP	46.0	-20.1	1.50 V	66	29.2	-3.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

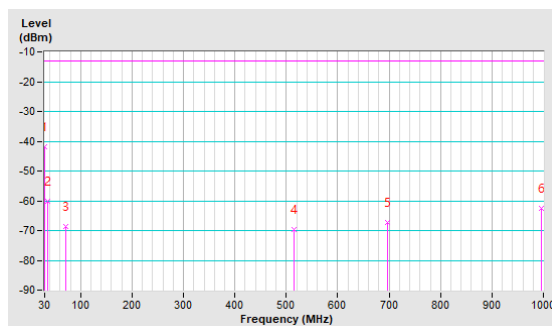


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-45.8	-22.4	-19.4	-41.8	-13.0	-28.8
2	36.79	-63.5	-44.9	-15.2	-60.1	-13.0	-47.1
3	70.74	-62.5	-68.3	-0.4	-68.7	-13.0	-55.7
4	515.00	-69.8	-73.4	3.8	-69.6	-13.0	-56.6
5	697.36	-69.9	-70.5	3.3	-67.2	-13.0	-54.2
6	996.12	-71.4	-65.8	3.3	-62.5	-13.0	-49.5

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



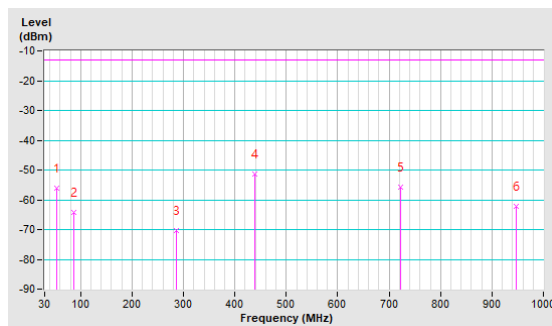
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	53.28	-49.3	-50.0	-6.2	-56.2	-13.0	-43.2
2	87.23	-58.1	-64.2	-0.1	-64.3	-13.0	-51.3
3	287.05	-72.0	-68.5	-1.7	-70.2	-13.0	-57.2
4	438.37	-51.3	-54.9	3.6	-51.3	-13.0	-38.3
5	721.61	-61.9	-59.3	3.6	-55.7	-13.0	-42.7
6	947.62	-71.5	-66.0	3.8	-62.2	-13.0	-49.2

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 12

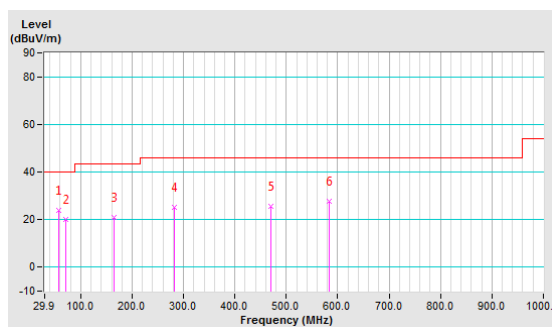
802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 12, CH 23095

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.1 QP	40.0	-15.9	1.50 H	214	34.2	-10.1
2	70.73	20.2 QP	40.0	-19.8	1.00 H	21	32.2	-12.0
3	164.06	20.9 QP	43.5	-22.6	1.50 H	31	29.9	-9.0
4	282.66	25.0 QP	46.0	-21.0	1.00 H	345	32.8	-7.8
5	469.31	25.7 QP	46.0	-20.3	1.50 H	140	29.9	-4.2
6	584.02	27.9 QP	46.0	-18.1	1.00 H	115	29.5	-1.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

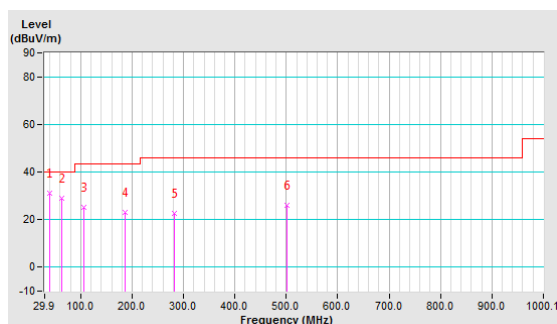


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.9 QP	40.0	-9.1	1.00 V	18	41.3	-10.4
2	62.95	29.1 QP	40.0	-10.9	1.00 V	182	39.4	-10.3
3	105.73	25.3 QP	43.5	-18.2	2.00 V	52	38.2	-12.9
4	185.44	23.1 QP	43.5	-20.4	1.00 V	79	33.8	-10.7
5	282.66	22.8 QP	46.0	-23.2	1.50 V	62	30.6	-7.8
6	500.42	26.0 QP	46.0	-20.0	1.00 V	122	29.6	-3.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

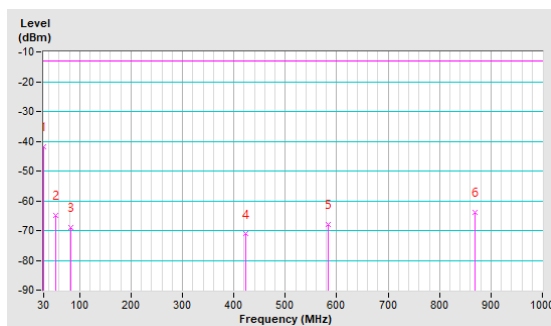


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-45.8	-22.4	-19.4	-41.8	-13.0	-28.8
2	54.25	-62.8	-59.1	-5.7	-64.8	-13.0	-51.8
3	82.38	-63.7	-69.5	0.4	-69.1	-13.0	-56.1
4	423.82	-70.9	-74.6	3.4	-71.2	-13.0	-58.2
5	582.90	-69.2	-71.8	3.8	-68.0	-13.0	-55.0
6	869.05	-71.0	-67.2	3.3	-63.9	-13.0	-50.9

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

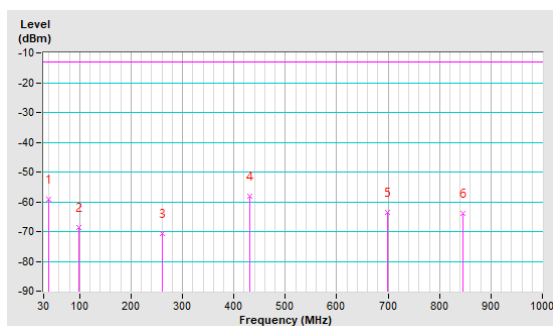


Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	39.70	-49.4	-45.3	-13.7	-59.0	-13.0	-46.0
2	97.90	-60.4	-67.1	-1.4	-68.5	-13.0	-55.5
3	259.89	-71.5	-69.1	-1.5	-70.6	-13.0	-57.6
4	431.58	-57.7	-61.5	3.5	-58.0	-13.0	-45.0
5	698.33	-69.3	-66.9	3.4	-63.5	-13.0	-50.5
6	845.77	-70.9	-67.3	3.4	-63.9	-13.0	-50.9

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 13

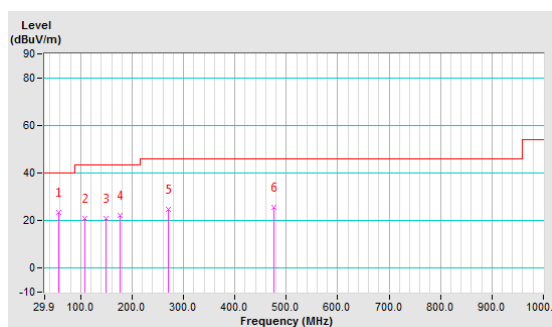
802.11g, CH 6 + Bluetooth EDR, CH 78 + LTE Band 26, CH 2697

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.6 QP	40.0	-16.4	1.00 H	199	33.7	-10.1
2	107.67	21.0 QP	43.5	-22.5	1.00 H	259	33.6	-12.6
3	148.50	21.1 QP	43.5	-22.4	2.00 H	123	30.3	-9.2
4	175.72	22.3 QP	43.5	-21.2	2.00 H	243	32.2	-9.9
5	270.99	24.9 QP	46.0	-21.1	1.00 H	6	33.2	-8.3
6	475.14	25.5 QP	46.0	-20.5	1.50 H	95	29.6	-4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

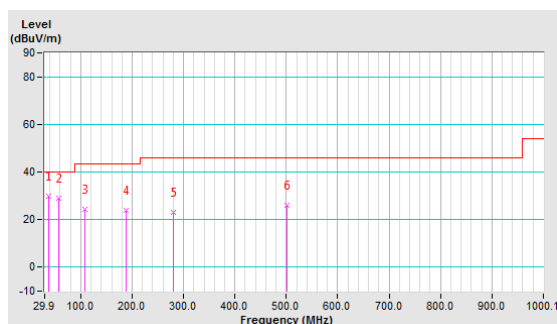


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.68	30.0 QP	40.0	-10.0	1.50 V	47	40.7	-10.7
2	57.12	29.1 QP	40.0	-10.9	1.00 V	292	39.2	-10.1
3	107.67	24.2 QP	43.5	-19.3	1.50 V	154	36.8	-12.6
4	187.39	23.8 QP	43.5	-19.7	1.00 V	68	34.7	-10.9
5	280.71	23.0 QP	46.0	-23.0	2.00 V	64	30.8	-7.8
6	500.42	26.2 QP	46.0	-19.8	1.00 V	264	29.8	-3.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

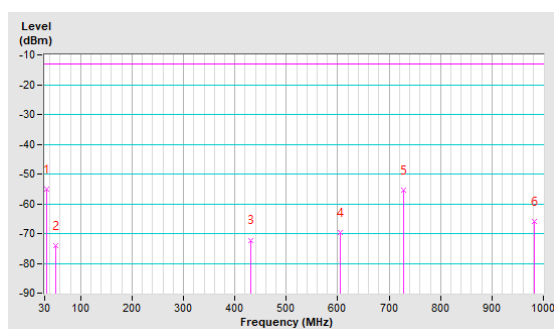


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	33.88	-55.8	-37.9	-17.1	-55.0	-13.0	-42.0
2	52.31	-70.5	-67.4	-6.8	-74.2	-13.0	-61.2
3	431.58	-69.7	-75.7	3.5	-72.2	-13.0	-59.2
4	604.24	-69.0	-73.2	3.6	-69.6	-13.0	-56.6
5	728.40	-57.0	-59.1	3.6	-55.5	-13.0	-42.5
6	981.57	-72.6	-69.4	3.5	-65.9	-13.0	-52.9

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



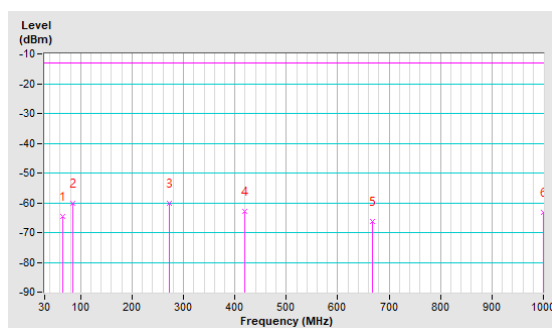
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	64.92	-55.4	-62.6	-1.9	-64.5	-13.0	-51.5
2	84.32	-53.1	-60.7	0.4	-60.3	-13.0	-47.3
3	272.50	-60.4	-58.6	-1.5	-60.1	-13.0	-47.1
4	418.97	-60.5	-66.5	3.5	-63.0	-13.0	-50.0
5	667.29	-69.5	-69.9	3.6	-66.3	-13.0	-53.3
6	1000.00	-71.2	-66.4	3.2	-63.2	-13.0	-50.2

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 14

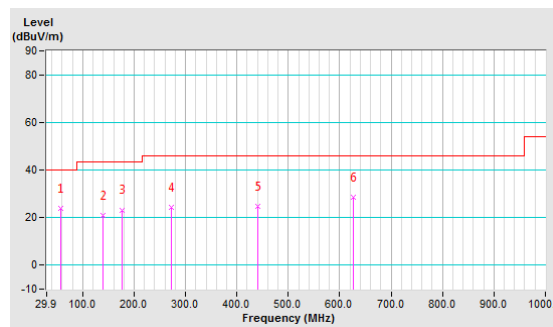
802.11g, CH 6 + Bluetooth LE, CH 0 + LTE Band 26, CH 2697

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.0 QP	40.0	-16.0	1.50 H	33	34.1	-10.1
2	138.78	21.0 QP	43.5	-22.5	1.50 H	250	30.8	-9.8
3	175.72	23.3 QP	43.5	-20.2	1.00 H	252	33.2	-9.9
4	272.94	24.3 QP	46.0	-21.7	1.00 H	7	32.5	-8.2
5	440.14	24.8 QP	46.0	-21.2	1.50 H	250	29.2	-4.4
6	626.80	28.6 QP	46.0	-17.4	1.00 H	15	29.3	-0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

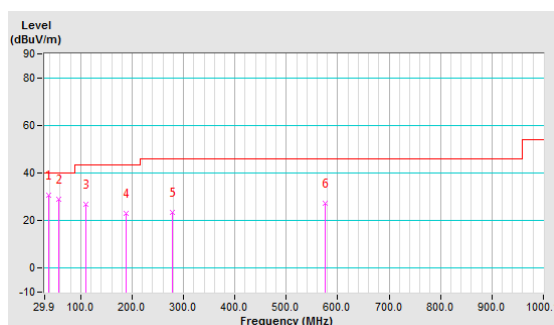


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.68	30.5 QP	40.0	-9.5	1.50 V	5	41.2	-10.7
2	57.12	29.1 QP	40.0	-10.9	1.00 V	5	39.2	-10.1
3	109.62	26.7 QP	43.5	-16.8	1.00 V	48	39.2	-12.5
4	187.39	22.9 QP	43.5	-20.6	2.00 V	58	33.8	-10.9
5	278.77	23.4 QP	46.0	-22.6	1.00 V	64	31.4	-8.0
6	576.25	27.3 QP	46.0	-18.7	1.50 V	125	29.3	-2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

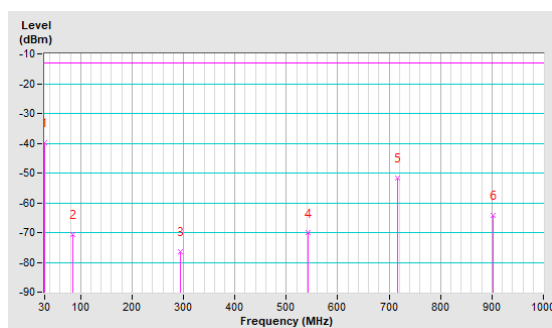


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-41.6	-20.4	-19.4	-39.8	-13.0	-26.8
2	85.29	-62.2	-71.1	0.3	-70.8	-13.0	-57.8
3	294.81	-71.2	-74.7	-1.8	-76.5	-13.0	-63.5
4	543.13	-68.5	-74.1	3.9	-70.2	-13.0	-57.2
5	715.79	-52.8	-55.3	3.5	-51.8	-13.0	-38.8
6	902.03	-69.7	-67.7	3.5	-64.2	-13.0	-51.2

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

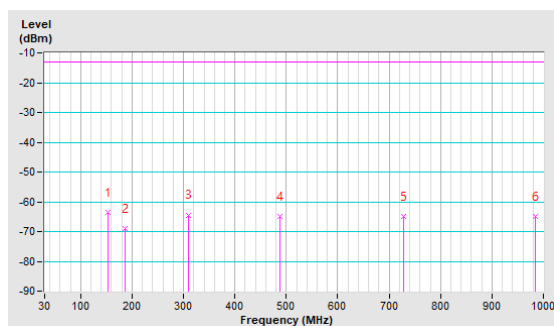


Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	153.19	-59.4	-60.7	-2.9	-63.6	-13.0	-50.6
2	186.17	-64.3	-66.5	-2.6	-69.1	-13.0	-56.1
3	309.36	-62.3	-68.3	3.9	-64.4	-13.0	-51.4
4	487.84	-62.6	-68.7	3.7	-65.0	-13.0	-52.0
5	727.43	-69.3	-68.6	3.6	-65.0	-13.0	-52.0
6	984.48	-72.0	-68.3	3.5	-64.8	-13.0	-51.8

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 15

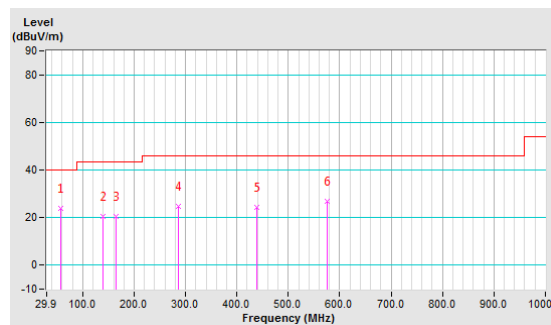
802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 26, CH 2697

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	24.1 QP	40.0	-15.9	1.50 H	311	34.2	-10.1
2	138.78	20.6 QP	43.5	-22.9	1.00 H	109	30.4	-9.8
3	164.06	20.6 QP	43.5	-22.9	1.50 H	63	29.6	-9.0
4	286.55	24.9 QP	46.0	-21.1	1.00 H	317	32.5	-7.6
5	438.20	24.5 QP	46.0	-21.5	2.00 H	153	29.0	-4.5
6	576.25	27.0 QP	46.0	-19.0	1.00 H	195	29.0	-2.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

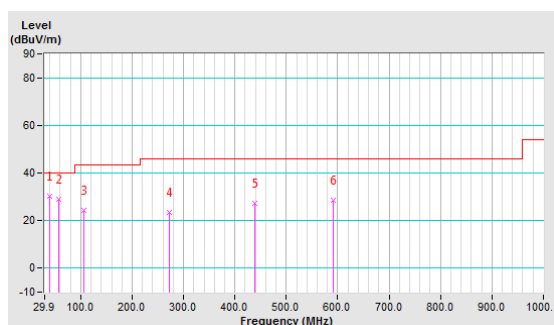


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	30.4 QP	40.0	-9.6	1.00 V	5	40.8	-10.4
2	57.12	29.0 QP	40.0	-11.0	1.00 V	280	39.1	-10.1
3	105.73	24.5 QP	43.5	-19.0	1.50 V	52	37.4	-12.9
4	272.94	23.4 QP	46.0	-22.6	2.00 V	43	31.6	-8.2
5	438.20	27.3 QP	46.0	-18.7	1.00 V	340	31.8	-4.5
6	591.80	28.6 QP	46.0	-17.4	1.50 V	256	30.0	-1.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

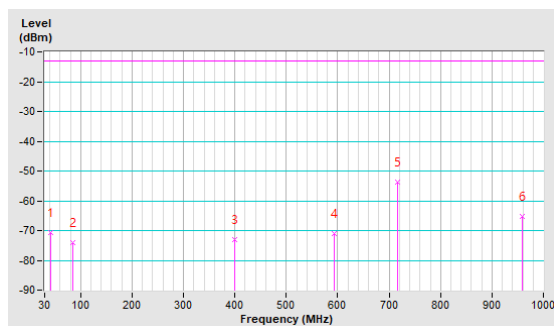


Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	41.64	-70.5	-58.3	-12.3	-70.6	-13.0	-57.6
2	84.32	-65.9	-74.5	0.4	-74.1	-13.0	-61.1
3	399.57	-70.0	-76.3	3.3	-73.0	-13.0	-60.0
4	592.60	-70.1	-74.6	3.7	-70.9	-13.0	-57.9
5	715.79	-54.8	-57.3	3.5	-53.8	-13.0	-40.8
6	959.26	-71.5	-69.1	3.8	-65.3	-13.0	-52.3

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

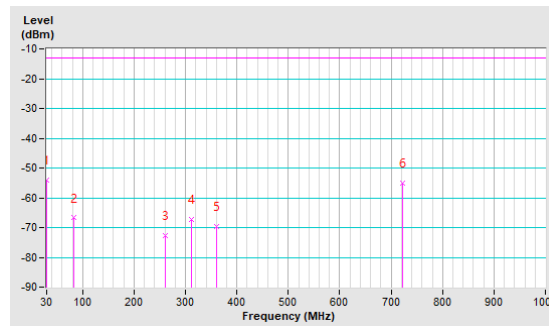


Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-42.2	-34.8	-19.4	-54.2	-13.0	-41.2
2	83.35	-59.8	-67.3	0.5	-66.8	-13.0	-53.8
3	259.89	-71.3	-71.1	-1.5	-72.6	-13.0	-59.6
4	311.30	-65.2	-71.4	4.0	-67.4	-13.0	-54.4
5	359.80	-67.0	-73.6	4.0	-69.6	-13.0	-56.6
6	721.61	-59.2	-58.8	3.6	-55.2	-13.0	-42.2

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



Mode 16

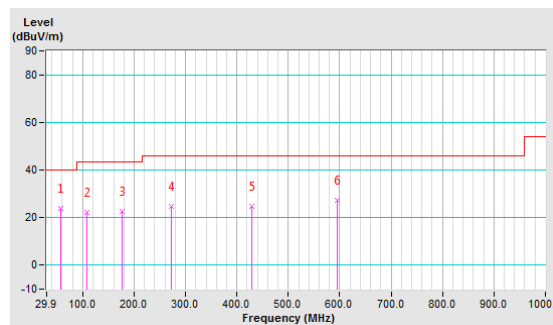
802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 26, CH 2697

Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	57.12	23.9 QP	40.0	-16.1	1.50 H	205	34.0	-10.1
2	107.67	22.3 QP	43.5	-21.2	1.00 H	267	34.9	-12.6
3	175.72	22.6 QP	43.5	-20.9	1.50 H	247	32.5	-9.9
4	272.94	24.7 QP	46.0	-21.3	1.00 H	15	32.9	-8.2
5	428.48	24.8 QP	46.0	-21.2	2.00 H	302	29.5	-4.7
6	595.69	27.2 QP	46.0	-18.8	1.00 H	177	28.5	-1.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

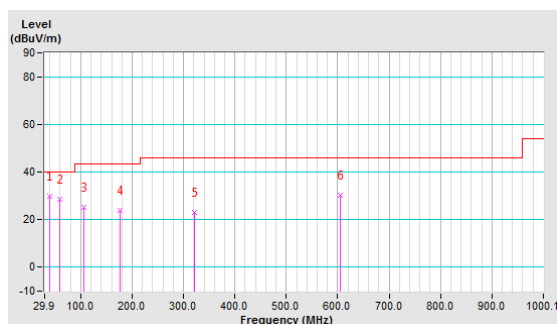


Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
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ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	39.62	29.8 QP	40.0	-10.2	1.50 V	2	40.2	-10.4
2	59.06	28.7 QP	40.0	-11.3	1.50 V	7	38.8	-10.1
3	105.73	25.2 QP	43.5	-18.3	1.00 V	51	38.1	-12.9
4	175.72	23.7 QP	43.5	-19.8	2.00 V	7	33.6	-9.9
5	321.54	22.9 QP	46.0	-23.1	1.00 V	177	29.8	-6.9
6	605.41	30.2 QP	46.0	-15.8	1.00 V	15	31.3	-1.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

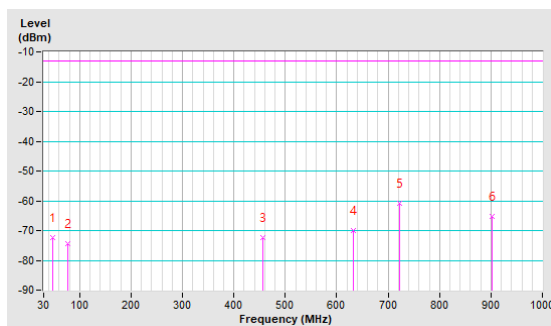


Antenna Polarity & Test Distance: Horizontal at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	48.43	-70.3	-63.8	-8.7	-72.5	-13.0	-59.5
2	76.56	-66.7	-74.7	0.3	-74.4	-13.0	-61.4
3	455.83	-70.2	-75.9	3.5	-72.4	-13.0	-59.4
4	632.37	-70.0	-73.6	3.6	-70.0	-13.0	-57.0
5	721.61	-62.1	-64.5	3.6	-60.9	-13.0	-47.9
6	903.00	-70.8	-68.9	3.6	-65.3	-13.0	-52.3

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



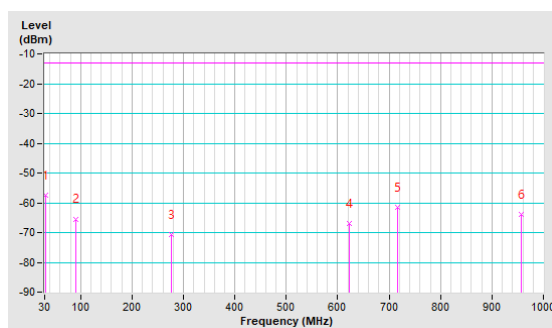
Antenna Polarity & Test Distance: Vertical at 3 M

No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)
1	31.94	-44.6	-39.0	-18.3	-57.3	-13.0	-44.3
2	90.14	-57.0	-65.2	-0.2	-65.4	-13.0	-52.4
3	276.38	-72.0	-69.2	-1.6	-70.8	-13.0	-57.8
4	621.70	-69.7	-70.6	3.7	-66.9	-13.0	-53.9
5	716.76	-65.4	-65.1	3.5	-61.6	-13.0	-48.6
6	956.35	-71.0	-67.7	3.9	-63.8	-13.0	-50.8

Remarks:

1. ERP (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).



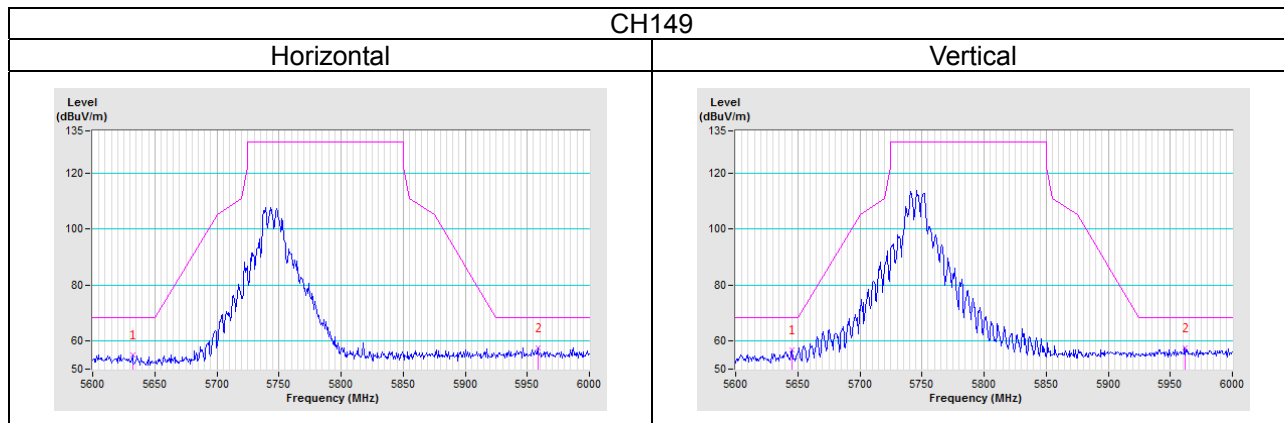
5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

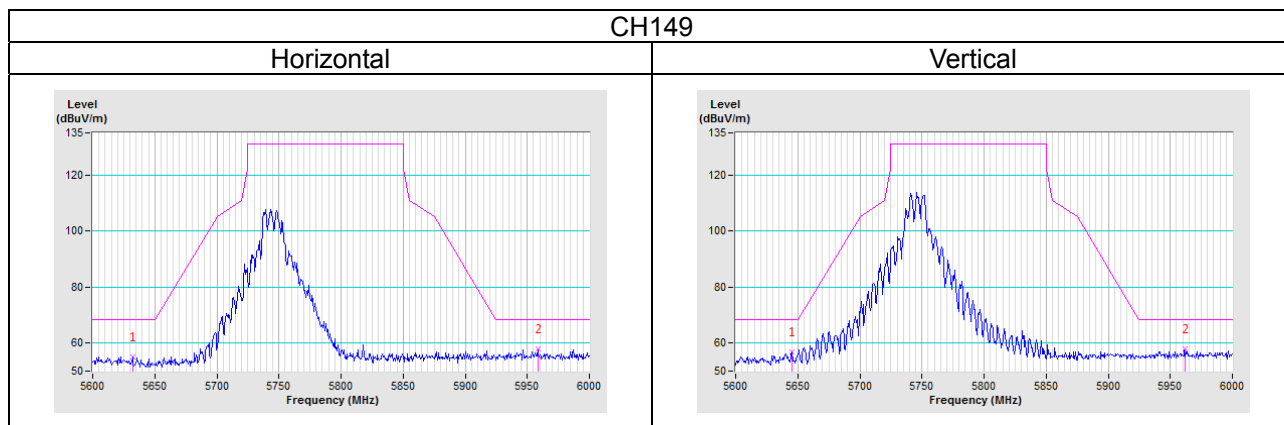
Mode 3

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26865



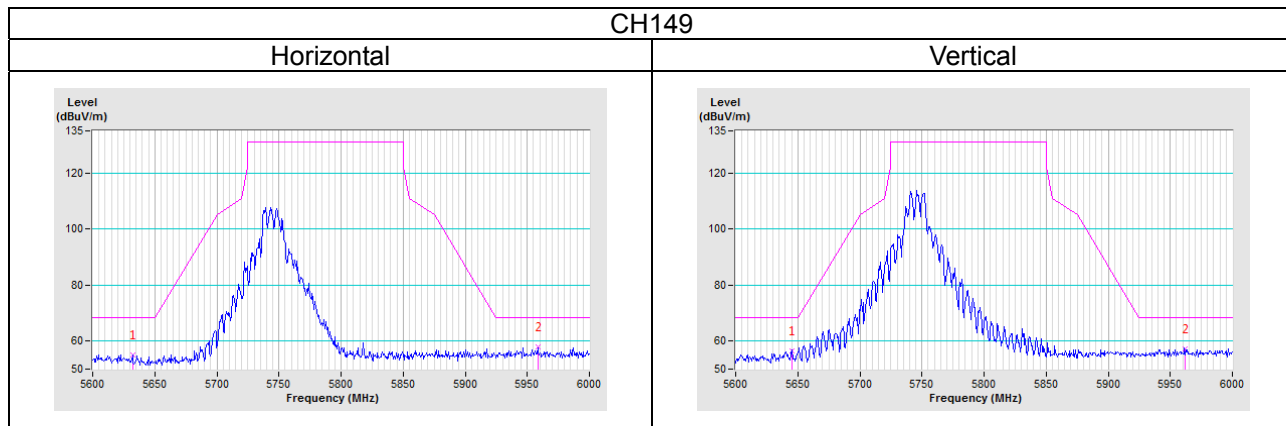
Mode 4

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 26, CH 26865



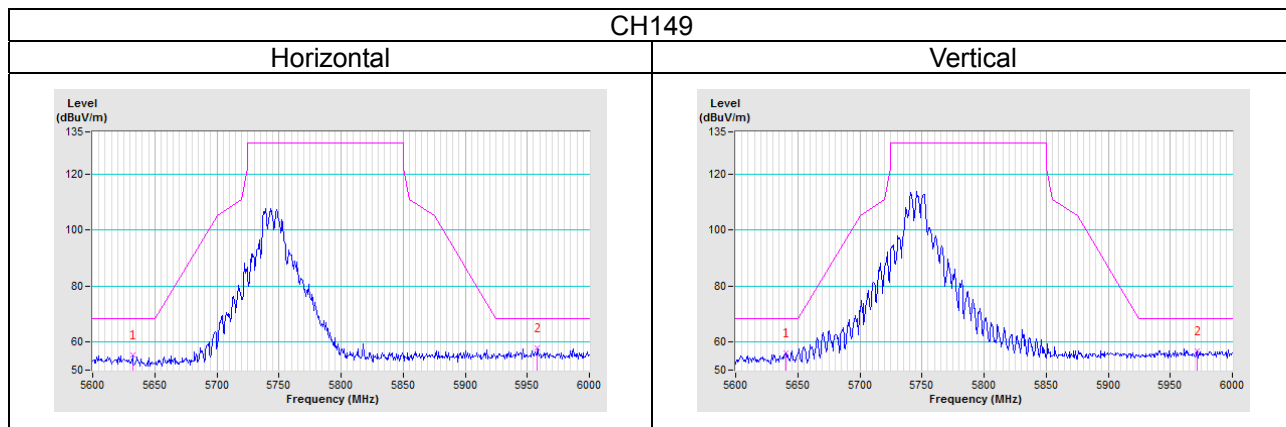
Mode 7

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 25, CH 26615



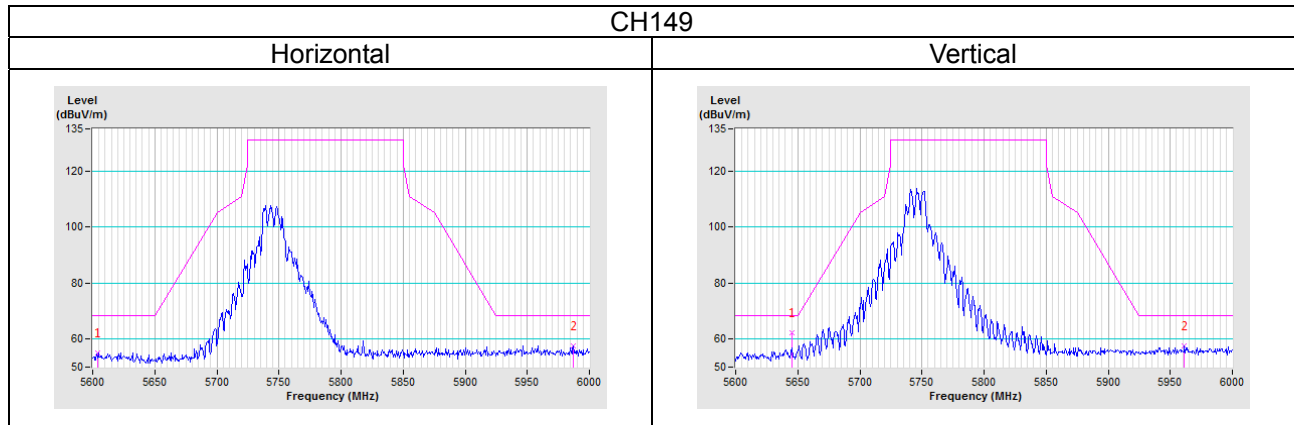
Mode 8

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 25, CH 26615



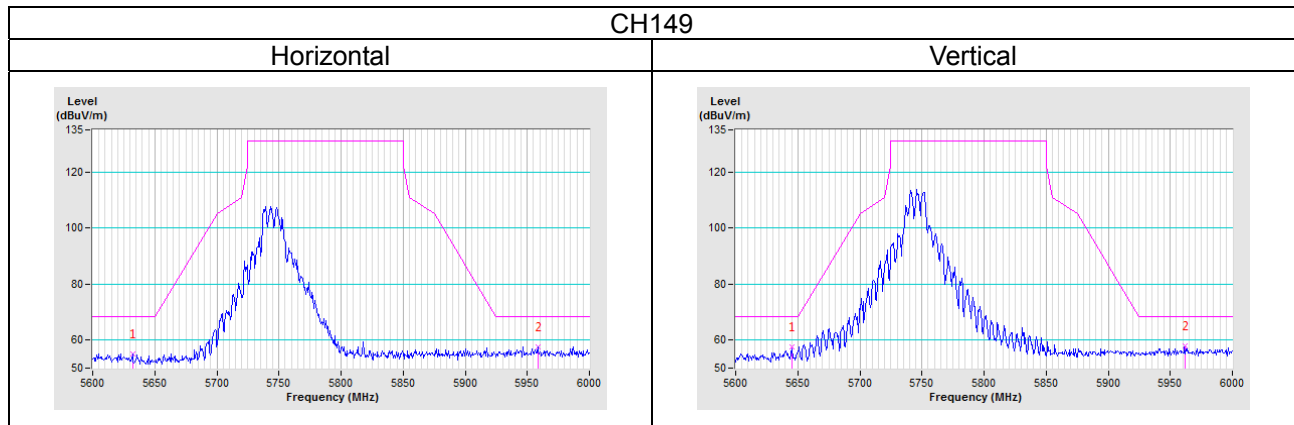
Mode 11

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 12, CH 23095



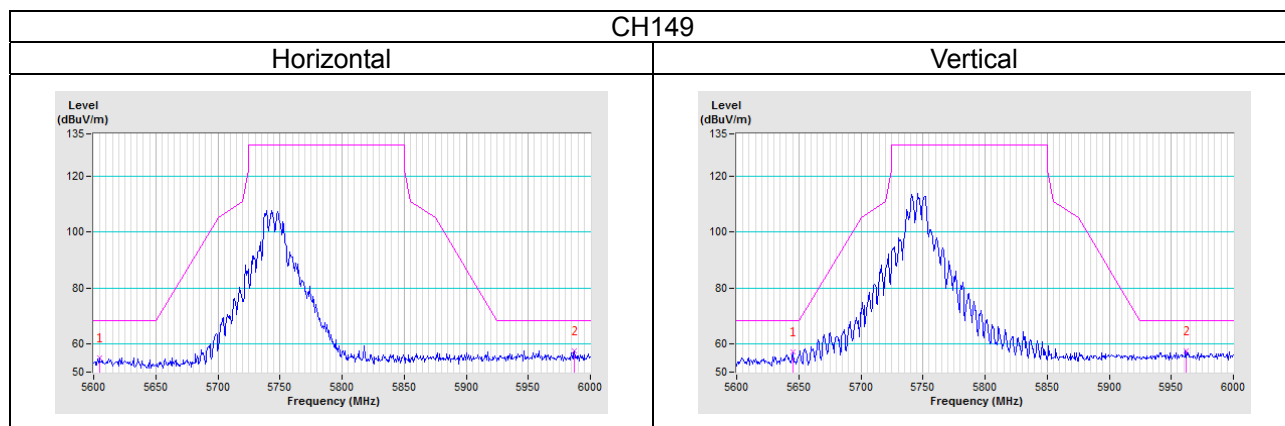
Mode 12

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 12, CH 23095



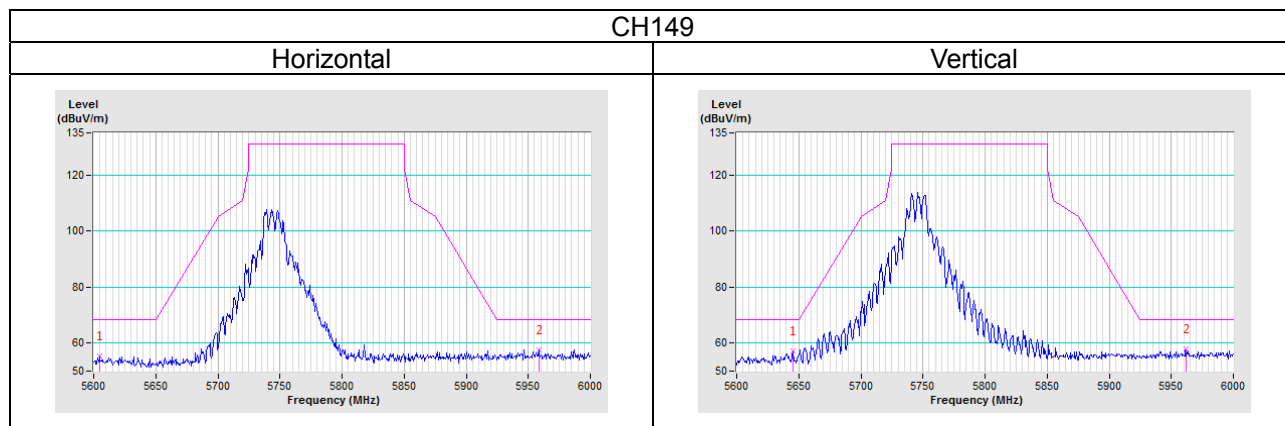
Mode 15

802.11a, CH 149 + Bluetooth EDR, CH 78 + LTE Band 26, CH 26697



Mode 16

802.11a, CH 149 + Bluetooth LE, CH 0 + LTE Band 26, CH 26697



Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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