FCC Test Report
(Co-Located)

Report No.:	RF151005D01-5
FCC ID:	P279962MSEC
Test Model:	9962 Multi-Standard Enterprise Cell
Series Model:	9962 Multi-Standard Enterprise Cellxxxxx (where "x" is blank, number or any characters)
Received Date:	Oct. 5, 2015
Test Date:	Oct. 27 ~ 29, 2015
Issued Date:	Nov. 19, 2015
Applicant:	Sercomm Corp.
Address:	8F, No. 3-1, YuangQu St., NanKang, Taipei 115, Taiwan, R.O.C. (NanKang Software Park)
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)

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Release Control Record

Issue No.	Description	Date Issued
RF151005D01-5	Original release.	Nov. 19, 2015

1 Certificate of Conformity

Product:	9962 Multi-Standard AP; Metro Cell Indoor
Brand:	Alcatel-Lucent
Test Model:	9962 Multi-Standard Enterprise Cell
Series Model:	9962 Multi-Standard Enterprise Cellxxxxx (where "x" is blank, number or any characters)
Sample Status:	Engineering sample
Applicant:	Sercomm Corp.
Test Date:	Oct. 27 ~ 29, 2015
Standard:	47 CFR FCC Part 15, Subpart C (Section 15.247) 47 CFR FCC Part 15, Subpart E (Section 15.407) FCC Part 22 FCC Part 24 FCC Part 27 ANSI C63.10: 2013

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 EMC characteristics under the conditions specified in this report.

Prepared by : Annie Chang , **Date:** Nov. 19, 2015

Annie Chang / Senior Specialist

Approved by : Rex. Lai , **Date:** Nov. 19, 2015

Rex Lai / Assistant Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247), 47 CFR FCC Part 15, Subpart E (Section 15.407) FCC Part 22, FCC Part 24, FCC Part 27, FCC Part 2			
FCC Clause	Test Item	Result	Remarks
15.207 15.407(b)(6)	AC Power Conducted Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -10.85dB at 0.47031MHz.
15.205 15.209 15.247(d) 15.407(b) (1/2/3/4/6) 2.1053 22.917 24.238 27.53(m)(4)(6)	Radiated Emissions & Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -1.2dB at 4824.00MHz.

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	Expended Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.78 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1000MHz	4.00 dB
Radiated Emissions above 1 GHz	1GHz ~ 40GHz	3.36 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	9962 Multi-Standard AP; Metro Cell Indoor	
Brand	Alcatel-Lucent	
Test Model	9962 Multi-Standard Enterprise Cell	
Series Model	9962 Multi-Standard Enterprise Cellxxxxx (where "x" is blank, number or any characters)	
Model Difference	Marketing purpose	
Status of EUT	Engineering sample	
Power Supply Rating	48Vdc from Adapter or 55Vdc from PoE	
Modulation Type	WLAN	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
	WCDMA	
	LTE	
Modulation Technology	WLAN	DSSS, OFDM
	WCDMA	QPSK, 16QAM,64QAM
	LTE	QPSK, 16QAM,64QAM
Transfer Rate	WLAN	802.11b:11/ 5.5/ 2/ 1Mbps 802.11g/802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6Mbps 802.11n: up to 300Mbps
Operating Frequency	WLAN	2412 ~ 2462MHz, 5180 ~ 5240MHz, 5745 ~ 5825MHz
	WCDMA	**Band 2:** 1932.5, 1960.0, 1987.5
		Band 5: 871.5, 881.0, 891.5
	LTE	**Band 2 (Channel Bandwidth 5MHz):** 1932.5, 1960.0, 1987.5
		Band 2 (Channel Bandwidth 10MHz): 1935.0, 1960.0, 1985.0
		Band 2 (Channel Bandwidth 15MHz): 1937.5, 1960.0, 1982.5
		Band 2 (Channel Bandwidth 20MHz): 1940.0, 1960.0, 1980.0
		Band 4 (Channel Bandwidth 5MHz): 2112.5, 2132.5, 2152.5
		Band 4 (Channel Bandwidth 10MHz): 2115.0, 2132.5, 2150.0
		Band 4 (Channel Bandwidth 15MHz): 2117.5, 2132.5, 2147.5
		Band 4 (Channel Bandwidth 20MHz): 2120.0, 2132.5, 2145.0
		Band 12 (Channel Bandwidth 5MHz): 731.5, 737.0, 742.5
		Band 12 (Channel Bandwidth 10MHz): 734.0, 737.0, 740.0
Number of Channel	WLAN	**2412 ~ 2462MHz:** 11 for 802.11b, 802.11g, 802.11n (20MHz) 7 for 802.11n (40MHz) **5180 ~ 5240MHz:** 4 for 802.11a, 802.11n (20MHz) 2 for 802.11n (40MHz) **5745 ~ 5825MHz:** 5 for 802.11a, 802.11n (20MHz) 2 for 802.11n (40MHz)
Output Power	WLAN	**2412 ~ 2462MHz:** 993.2mW **5180 ~ 5240MHz:** 126.9mW **5745 ~ 5825MHz:** 127.53mW

Max. ERP Power	WCDMA	**Band 5:** 342.77mW
	LTE	**Band 12 (Channel Bandwidth 5MHz):** 311.89mW
		Band 12 (Channel Bandwidth 10MHz): 422.67mW
Max. EIRP Power	WCDMA	**Band 2:** 374.11mW
	LTE	**Band 2 (Channel Bandwidth 5MHz):** 388.15mW
		Band 2 (Channel Bandwidth 10MHz): 481.95mW
		Band 2 (Channel Bandwidth 15MHz): 483.06mW
		Band 2 (Channel Bandwidth 20MHz): 467.74mW
		Band 4 (Channel Bandwidth 5MHz): 426.58mW
		Band 4 (Channel Bandwidth 10MHz): 575.44mW
		Band 4 (Channel Bandwidth 15MHz): 479.73mW
		Band 4 (Channel Bandwidth 20MHz): 414.95mW
Antenna Type	WLAN	**2.4GHz:** Dipole antenna (IPEX Conector) with 5.70dBi gain
		5.0GHz: Dipole antenna (IPEX Conector) with 5.27dBi gain
	WCDMA	**Band 5:** PIFA Antenna with 2.70dBi gain
		Band 2: PIFA Antenna with 3.61dBi gain
	LTE	**Band 2:** PIFA Antenna with 3.61dBi gain
		Band 4: Dipole Antenna (SMA Connector) with 2.34dBi gain
		Band 12: Dipole Antenna (SMA Connector) with 3.64dBi gain
Accessory Device	Adapter, PoE	
Data Cable Supplied	GPS cable (10m)	

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers.

Modulation Mode	TX Function
802.11a	2TX
802.11b	2TX
802.11g	2TX
802.11n (HT20)	2TX
802.11n (HT40)	2TX

2. The EUT uses following adapter or PoE:

Item	Brand	Model No.	Rating
Adapter 1	AmpowerTek	AU60AA-00	AC I/P: 100-240V, 50-60Hz, 1.5A DC O/P: 48V, 1.25A Non-shielded AC 3-Pin cable (1.5m) Non-shielded DC cable (1.2m) with one ferrite core
Adapter 2	LEI	NU60-S480125-I2	AC I/P: 100-240V, 50-60Hz, 1.4A DC O/P: 48V, 1.25A Non-shielded AC 3-Pin cable (1.5m) Non-shielded DC cable (1.2m) with one ferrite core
PoE	Microsemi	PD-9601G/AC	AC I/P: 100-240V, 50-60Hz, 1.35A DC O/P: 55V, 1.75A

After pre-tested, adapter 1 was the worst case, therefore, only its test data was recorded in the report.

3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3.2 Description of Test Modes

FOR WLAN 2412 ~ 2462MHz

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

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

7 channels are provided for 802.11n (HT40):

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

FOR WLAN 5180 ~ 5240MHz

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

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

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230

FOR WLAN 5745 ~ 5825MHz:

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

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

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795

WCDMA Band 2

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	Low	1932.5
	Middle	1960.0
	High	1987.5

WCDMA Band 5

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	Low	871.5
	Middle	881.0
	High	891.5

LTE Band 2

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	Low	1932.5
	Middle	1960.0
	High	1987.5
10	Low	1935.0
	Middle	1960.0
	High	1985.0
15	Low	1937.5
	Middle	1960.0
	High	1982.5
20	Low	1940.0
	Middle	1960.0
	High	1980.0

LTE Band 4

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	Low	2112.5
	Middle	2132.5
	High	2152.5
10	Low	2115.0
	Middle	2132.5
	High	2150.0
15	Low	2117.5
	Middle	2132.5
	High	2147.5
20	Low	2120.0
	Middle	2132.5
	High	2145.0

LTE Band 12

Channel Bandwidth (MHz)	Channel	Frequency (MHz)
5	Low	731.5
	Middle	737.0
	High	742.5
10	Low	734.0
	Middle	737.0
	High	740.0

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT CONFIGURE MODE	APPLICABLE TO			DESCRIPTION
	RE≥1G	RE<1G	PLC	
-	√	√	√	-

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz
PLC: Power Line Conducted Emission

NOTE: The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **Z-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. BAND (MHz)	TESTED FREQ.	MODULATION TECHNOLOGY
-	WCDMA Band 5 +LTE Band 2 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1932.5 ~ 1987.5	1987.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1935.0 ~ 1985.0	1985.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 15MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1937.5 ~ 1982.5	1960.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 20MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1940.0 ~ 1980.0	1960.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2112.5 ~ 2152.5	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2115.0 ~ 2150.0	2115.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2117.5 ~ 2147.5	2147.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2120.0 ~ 2145.0	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	TESTED FREQ.	MODULATION TECHNOLOGY
-	WCDMA Band 5 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2112.5 ~ 2152.5	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2115.0 ~ 2150.0	2115.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2117.5 ~ 2147.5	2147.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2120.0 ~ 2145.0	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 4 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	2112.5 ~ 2152.5	2132.5	QPSK
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 4 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	2115.0 ~ 2150.0	2115.0	QPSK
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 2 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1987.5	QPSK
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 2 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	1935.0 ~ 1985.0	1985.0	QPSK
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM

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. BAND (MHz)	TESTED FREQ.	MODULATION TECHNOLOGY
-	WCDMA Band 5 +LTE Band 2 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1932.5 ~ 1987.5	1987.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
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-	WCDMA Band 5 +LTE Band 2 (CBW: 20MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1940.0 ~ 1980.0	1960.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2112.5 ~ 2152.5	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2115.0 ~ 2150.0	2115.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2117.5 ~ 2147.5	2147.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2120.0 ~ 2145.0	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
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EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	TESTED FREQ.	MODULATION TECHNOLOGY
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		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
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		2412 ~ 2462	2412	OFDM
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-	WCDMA Band 2 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2112.5 ~ 2152.5	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
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-	WCDMA Band 2 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
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-	LTE Band 4 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	2112.5 ~ 2152.5	2132.5	QPSK
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		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
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-	LTE Band 2 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1987.5	QPSK
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 2 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	1935.0 ~ 1985.0	1985.0	QPSK
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM

Power Line Conducted Emission Test:

☒ 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. BAND (MHz)	TESTED FREQ.	MODULATION TECHNOLOGY
-	WCDMA Band 5 +LTE Band 2 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1932.5 ~ 1987.5	1987.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1935.0 ~ 1985.0	1985.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 15MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1937.5 ~ 1982.5	1960.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 2 (CBW: 20MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		1940.0 ~ 1980.0	1960.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2112.5 ~ 2152.5	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2115.0 ~ 2150.0	2115.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2117.5 ~ 2147.5	2147.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		2120.0 ~ 2145.0	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM

EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	TESTED FREQ.	MODULATION TECHNOLOGY
-	WCDMA Band 5 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 5 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	871.5 ~ 891.5	881.0	16QAM
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2112.5 ~ 2152.5	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2115.0 ~ 2150.0	2115.0	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2117.5 ~ 2147.5	2147.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		2120.0 ~ 2145.0	2132.5	QPSK
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	WCDMA Band 2 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1960.0	16QAM
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 4 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	2112.5 ~ 2152.5	2132.5	QPSK
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 4 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	2115.0 ~ 2150.0	2115.0	QPSK
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 2 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a	1932.5 ~ 1987.5	1987.5	QPSK
		731.5 ~742.5	731.5	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM
-	LTE Band 2 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a	1935.0 ~ 1985.0	1985.0	QPSK
		734.0 ~ 740.0	740.0	16QAM
		2412 ~ 2462	2412	OFDM
		5180 ~ 5240, 5745 ~ 5825	5785	OFDM

Test Condition:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE≥1G	24deg. C, 75%RH	120Vac, 60Hz	Aaron You
RE<1G	24deg. C, 75%RH	120Vac, 60Hz	Aaron You
PLC	25deg. C, 71%RH	120Vac, 60Hz	Aaron You

3.3 Description of Support Units

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 PC	DELL	PP04X	JV9ZZ1S	FCC DoC Approved	Provided by Lab
B.	Notebook PC	DELL	PP04X	1W9ZZ1S	FCC DoC Approved	Provided by Lab
C.	Notebook PC	SONY	SVS151A12P	275548477001024	FCC DoC Approved	Provided by Lab
D.	Notebook PC	SONY	SVS151A12P	275548477001087	FCC DoC Approved	Provided by Lab
E.	Universal Radio Communication Tester	R&S	CMU200	117260	N/A	Provided by Lab
F.	LTE simulator	Anritsu	LTE Band 11 & 18	N/A	N/A	Provided by Lab
G.	GPS simulator	PENDULUM	GSG-5	200447	N/A	Provided by Lab
H.	HORN Antenna	ETS	3117	00123980	N/A	Provided by Lab
I.	Notebook PC	DELL	E6530	9331GV1	FCC DoC Approved	Provided by Lab

Note:

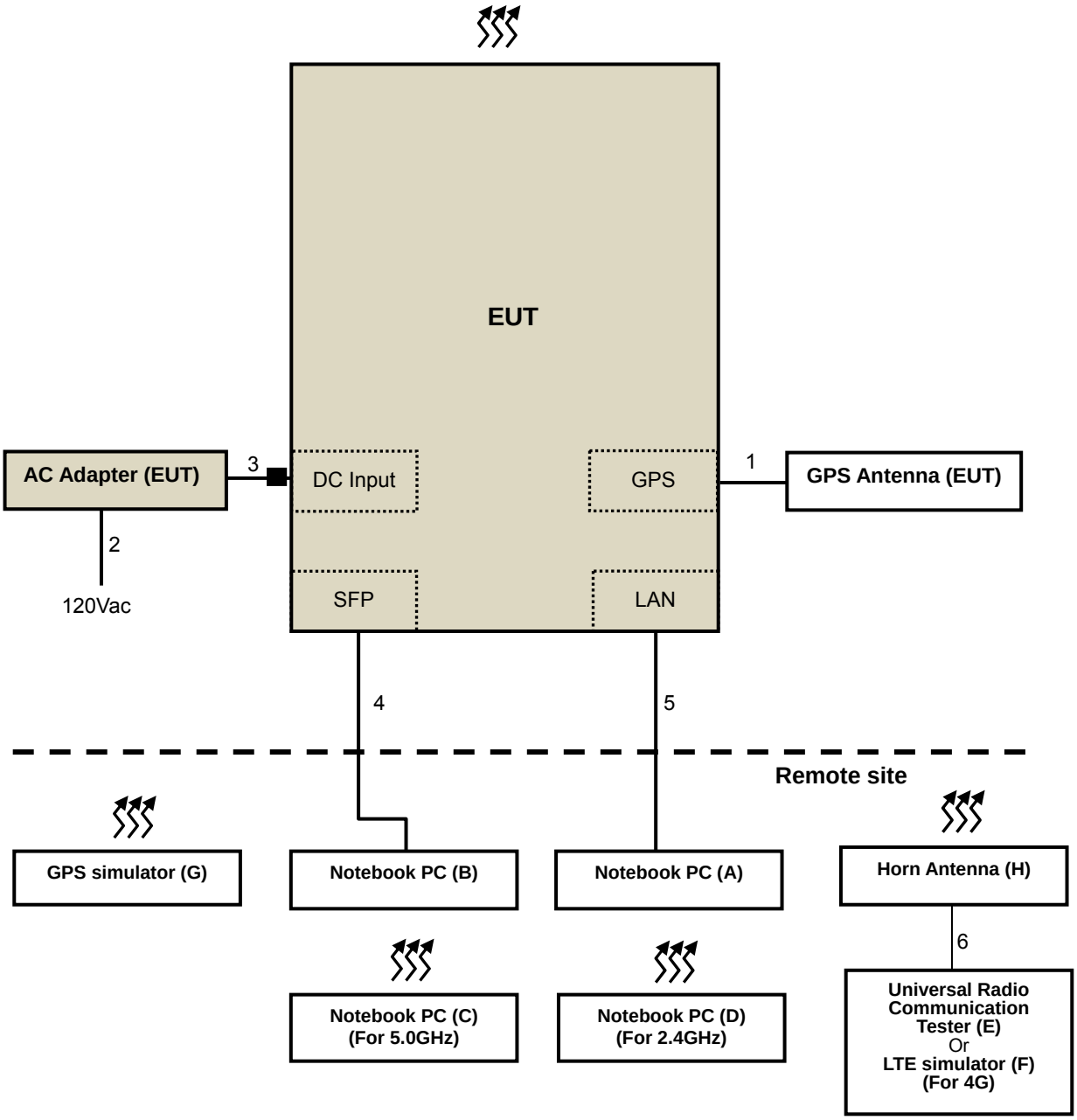
1. All power cords of the above support units are non-shielded (1.8m).
2. Items A~lacted as communication partners to transfer data.

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	Antenna cable	1	8	Y	0	Supplied by client
2.	AC Power Cord	1	1.5	N	0	Supplied by client
3.	DC cable	1	1.2	N	1	Supplied by client
4.	SFP to LAN cable	1	10	N	0	Provided by Lab
5.	LAN cable	2	10	N	0	Provided by Lab
6.	Coaxial cable	1	10	Y	0	Provided by Lab

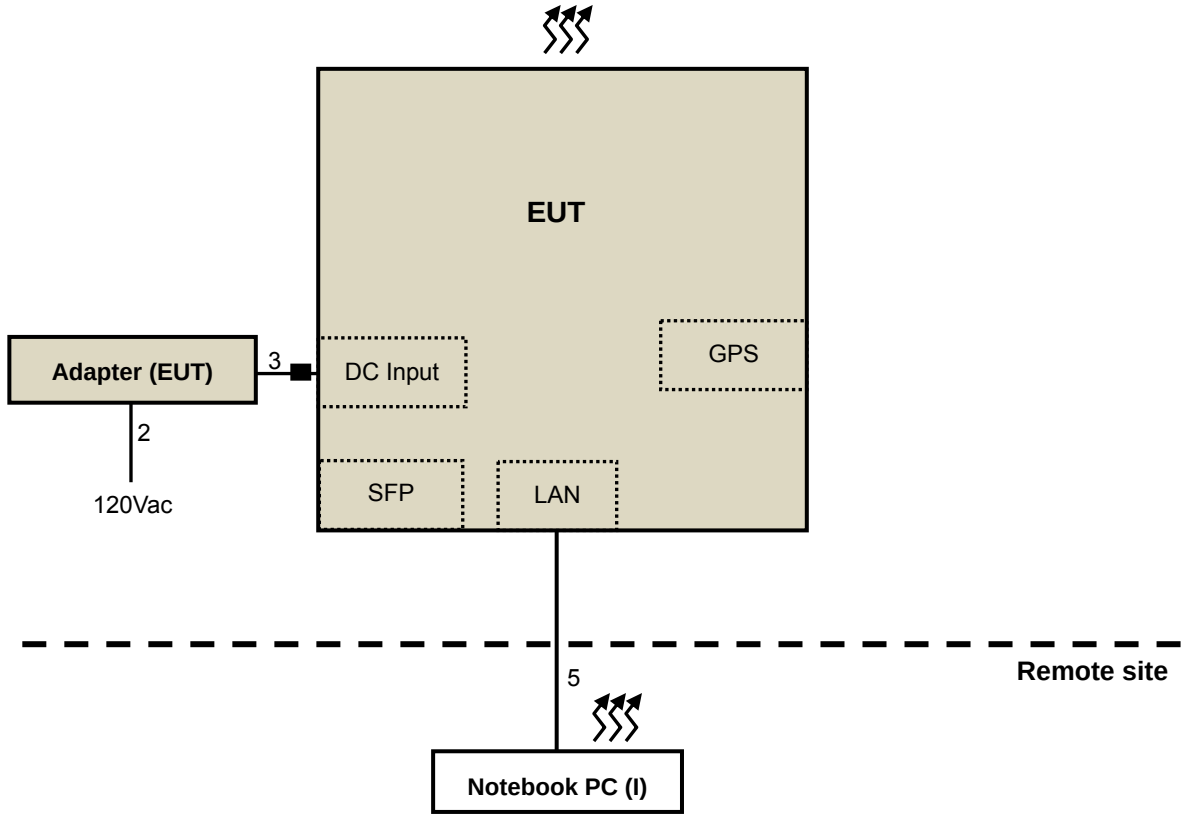
Note: The core(s) is(are) originally attached to the cable(s).

3.3.1 Configuration of System under Test

For Radiated up to1GHz test:



For Radiated above 1GHz test:



3.4 General Description of Applied Standard

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

47 CFR FCC Part 15, Subpart C (Section 15.247)
47 CFR FCC Part 15, Subpart E (Section 15.407)
FCC Part 22
FCC Part 24, Subpart E
FCC Part 27
FCC 47 CFR Part 2
ANSI C63.10: 2013

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

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13dBm.

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

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 v01	FIELD STRENGTH AT 3m	
	PK:74 (dBμV/m)	AV:54 (dBμV/m)
APPLICABLE TO	**EIRP LIMIT**	**EQUIVALENT FIELD STRENGTH AT 3m**
15.407(b)(1)	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	PK:-27 (dBm/MHz) [*1] PK:-17 (dBm/MHz) [*2]	PK: 68.2(dBμV/m) [*1] PK:78.2 (dBμV/m) [*2]

NOTE: [*1] beyond 10MHz of the band edge [*2] within 10 MHz of band edge

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

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

4.1.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
HP Preamplifier	8447D	2432A03504	Feb. 26, 2015	Feb. 25, 2016
HP Preamplifier	8449B	3008A01201	Feb. 26, 2015	Feb. 25, 2016
MITEQ Preamplifier	AMF-6F-260400-33-8P	892164	Mar. 01, 2015	Feb. 28, 2016
Agilent Spectrum	E4446A	MY51100009	May 30, 2015	May 29, 2016
Agilent TEST RECEIVER	N9038A	MY51210129	Jan. 20, 2015	Jan. 19, 2016
Schwarzbeck Antenna	VULB 9168	139	Feb. 04, 2015	Feb. 03, 2016
Schwarzbeck Antenna	VHBA 9123	480	May 29, 2015	May 28, 2017
Schwarzbeck Horn Antenna	BBHA-9170	212	Feb. 09, 2015	Feb. 08, 2016
Schwarzbeck Horn Antenna	BBHA 9120-D1	D130	Feb. 10, 2015	Feb. 09, 2016
ADT. Turn Table	TT100	0306	NA	NA
ADT. Tower	AT100	0306	NA	NA
Software	Radiated_V7.6.15.9.4	NA	NA	NA
SUHNER RF cable With 4dB PAD	SF104	CABLE-CH6	Aug. 15, 2015	Aug. 14, 2016
SUHNER RF cable With 3dB PAD	SF102	Cable-CH8-3.6m	Aug. 15, 2015	Aug. 14, 2016
EMCO Horn Antenna	3115	00028257	Feb. 05, 2015	Feb. 04, 2016
Highpass filter Wainwright Instruments	WHK 3.1/18G-10SS	SN 8	NA	NA
ROHDE & SCHWARZ Spectrum Analyzer	FSV40	101042	Sep. 23, 2015	Sep. 22, 2016
Anritsu Power Sensor	MA2411B	0738404	Apr. 21, 2015	Apr. 20, 2016
Anritsu Power Meter	ML2495A	0842014	Apr. 21, 2015	Apr. 20, 2016
KEYSIGHT Spectrum Analyzer	N9030A	MY54490260	Jul. 14, 2015	Jul. 13, 2016

NOTE: 1. The calibration interval of the above test instruments is 12/24 months. And the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in Chamber No. 6.
4. The Industry Canada Reference No. IC 7450E-6.
5. The FCC Site Registration No. is 447212.

4.1.3 Test Procedure

a. The EUT was placed on the top of a rotating table 0.8 meters (for below 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:

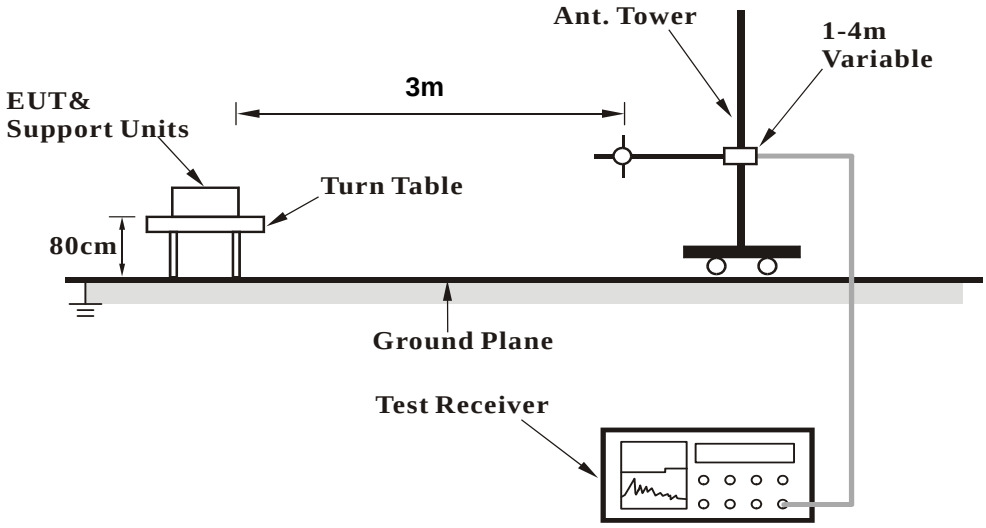
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (10 log(1/duty cycle)).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
5. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

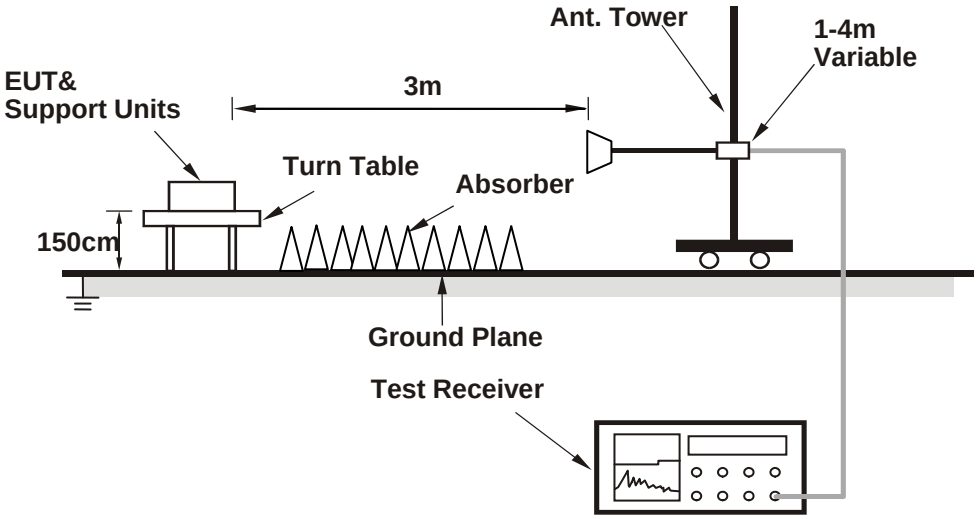
No deviation.

4.1.5 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



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

4.1.6 EUT Operating Condition

a. Placed the EUT on the testing table.
b. Prepared notebook to act as communication partner and placed it outside of testing area.
c. The communication partner connected with EUT via a RJ45 cable and ran a test program (provided by manufacturer) to enable EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results

ABOVE 1GHz DATA

WCDMA Band 5 +LTE Band 2 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+1987.5+ 2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.1 PK	74.0	-11.9	1.12 H	53	61.59	0.52
2	2390.00	48.3 AV	54.0	-5.7	1.12 H	53	47.77	0.52
3	*2412.00	112.7 PK			1.12 H	53	112.06	0.65
4	*2412.00	102.1 AV			1.12 H	53	101.43	0.65
5	4824.00	64.0 PK	74.0	-10.1	1.38 H	295	56.12	7.83
6	4824.00	52.0 AV	54.0	-2.0	1.38 H	295	44.16	7.83
7	*5785.00	115.3 PK			1.93 H	140	105.38	9.94
8	*5785.00	104.3 AV			1.93 H	140	94.35	9.94
9	#7236.00	64.9 PK	74.0	-9.1	1.20 H	88	50.19	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.20 H	88	34.32	14.70
11	11570.00	60.6 PK	74.0	-13.4	1.48 H	120	39.14	21.44
12	11570.00	49.6 AV	54.0	-4.4	1.48 H	120	28.19	21.44
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	66.8 PK	74.0	-7.2	1.63 V	324	66.26	0.52
2	2390.00	51.0 AV	54.0	-3.0	1.63 V	324	50.50	0.52
3	*2412.00	117.1 PK			1.63 V	324	116.44	0.65
4	*2412.00	109.3 AV			1.63 V	324	108.65	0.65
5	4824.00	57.7 PK	74.0	-16.3	1.51 V	123	49.83	7.83
6	4824.00	44.6 AV	54.0	-9.5	1.51 V	123	36.72	7.83
7	*5785.00	123.7 PK			2.48 V	330	113.75	9.94
8	*5785.00	114.0 AV			2.48 V	330	104.06	9.94
9	#7236.00	63.7 PK	74.0	-10.3	1.14 V	5	49.03	14.70
10	#7236.00	48.0 AV	54.0	-6.0	1.14 V	5	33.29	14.70
11	11570.00	60.3 PK	74.0	-13.7	2.60 V	174	38.85	21.44
12	11570.00	49.5 AV	54.0	-4.6	2.60 V	174	28.01	21.44

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.

TEST FREQUENCY	881.0+1987.5+ 2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-54.6 PK	-13.0	-41.6	1.77 H	353	-52.59	-2.04
2	3975.00	-52.4 PK	-13.0	-39.4	1.32 H	36	-58.41	6.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-54.0 PK	-13.0	-41.0	2.33 V	348	-51.92	-2.04
2	3975.00	-49.9 PK	-13.0	-36.9	1.97 V	23	-56.00	6.06

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 2 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	881.0 +1985.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	61.9 PK	74.0	-12.1	1.00 H	50	61.36	0.52
2	2390.00	47.9 AV	54.0	-6.1	1.00 H	50	47.40	0.52
3	*2412.00	113.0 PK			1.00 H	50	112.35	0.65
4	*2412.00	102.5 AV			1.00 H	50	101.83	0.65
5	4824.00	63.6 PK	74.0	-10.5	1.60 H	263	55.72	7.83
6	4824.00	52.6 AV	54.0	-1.4	1.60 H	263	44.78	7.83
7	*5785.00	115.6 PK			1.90 H	131	105.69	9.94
8	*5785.00	104.6 AV			1.90 H	131	94.64	9.94
9	#7236.00	64.9 PK	74.0	-9.1	1.22 H	65	50.23	14.70
10	#7236.00	49.2 AV	54.0	-4.8	1.22 H	65	34.52	14.70
11	11570.00	61.9 PK	74.0	-12.1	1.48 H	111	40.45	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.48 H	111	27.86	21.44
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	66.6 PK	74.0	-7.4	1.55 V	348	66.06	0.52
2	2390.00	51.2 AV	54.0	-2.8	1.55 V	348	50.70	0.52
3	*2412.00	118.7 PK			1.55 V	348	118.05	0.65
4	*2412.00	108.6 AV			1.55 V	348	107.94	0.65
5	4824.00	57.0 PK	74.0	-17.0	1.38 V	359	49.20	7.83
6	4824.00	44.6 AV	54.0	-9.4	1.38 V	359	36.79	7.83
7	*5785.00	125.0 PK			2.00 V	325	115.03	9.94
8	*5785.00	114.1 AV			2.00 V	325	104.16	9.94
9	#7236.00	64.3 PK	74.0	-9.7	1.11 V	20	49.57	14.70
10	#7236.00	48.0 AV	54.0	-6.0	1.11 V	20	33.30	14.70
11	11570.00	61.1 PK	74.0	-12.9	1.23 V	255	39.64	21.44
12	11570.00	49.2 AV	54.0	-4.8	1.23 V	255	27.79	21.44

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.

TEST FREQUENCY	881.0 +1985.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-54.2 PK	-13.0	-41.2	1.72 H	348	-52.18	-2.04
2	3970.00	-51.9 PK	-13.0	-38.9	1.26 H	41	-57.98	6.05
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-53.8 PK	-13.0	-40.8	2.26 V	328	-51.77	-2.04
2	3970.00	-50.3 PK	-13.0	-37.3	1.95 V	20	-56.30	6.05

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 2 (CBW: 15MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+1960.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.1 PK	74.0	-11.9	1.02 H	60	61.56	0.52
2	2390.00	48.7 AV	54.0	-5.3	1.02 H	60	48.19	0.52
3	*2412.00	112.9 PK			1.02 H	60	112.21	0.65
4	*2412.00	102.4 AV			1.02 H	60	101.79	0.65
5	4824.00	63.9 PK	74.0	-10.1	1.45 H	269	56.09	7.83
6	4824.00	52.4 AV	54.0	-1.6	1.45 H	269	44.60	7.83
7	*5785.00	115.3 PK			1.78 H	135	105.35	9.94
8	*5785.00	105.5 AV			1.78 H	135	95.54	9.94
9	#7236.00	65.2 PK	74.0	-8.8	1.22 H	81	50.49	14.70
10	#7236.00	49.1 AV	54.0	-4.9	1.22 H	81	34.37	14.70
11	11570.00	61.5 PK	74.0	-12.5	1.52 H	130	40.08	21.44
12	11570.00	49.4 AV	54.0	-4.6	1.52 H	130	27.94	21.44
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	66.5 PK	74.0	-7.5	1.80 V	311	66.00	0.52
2	2390.00	51.0 AV	54.0	-3.0	1.80 V	311	50.47	0.52
3	*2412.00	118.7 PK			1.80 V	311	118.05	0.65
4	*2412.00	108.3 AV			1.80 V	311	107.61	0.65
5	4824.00	57.3 PK	74.0	-16.8	1.29 V	360	49.42	7.83
6	4824.00	44.6 AV	54.0	-9.4	1.29 V	360	36.77	7.83
7	*5785.00	124.8 PK			1.84 V	305	114.86	9.94
8	*5785.00	114.1 AV			1.84 V	305	104.19	9.94
9	#7236.00	64.4 PK	74.0	-9.6	1.28 V	11	49.70	14.70
10	#7236.00	47.9 AV	54.0	-6.1	1.28 V	11	33.23	14.70
11	11570.00	61.1 PK	74.0	-12.9	1.30 V	244	39.64	21.44
12	11570.00	48.9 AV	54.0	-5.1	1.30 V	244	27.48	21.44

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.

TEST FREQUENCY	881.0+1960.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-54.3 PK	-13.0	-41.3	1.80 H	339	-52.24	-2.04
2	3920.00	-51.8 PK	-13.0	-38.8	1.43 H	58	-57.71	5.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-53.3 PK	-13.0	-40.3	2.08 V	344	-51.23	-2.04
2	3920.00	-50.1 PK	-13.0	-37.1	1.91 V	33	-56.05	5.94

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 2 (CBW: 20MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+1960.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.01 H	48	61.86	0.52
2	2390.00	48.7 AV	54.0	-5.3	1.01 H	48	48.19	0.52
3	*2412.00	112.8 PK			1.01 H	48	112.15	0.65
4	*2412.00	102.5 AV			1.01 H	48	101.84	0.65
5	4824.00	64.0 PK	74.0	-10.0	1.39 H	272	56.19	7.83
6	4824.00	52.2 AV	54.0	-1.8	1.39 H	272	44.40	7.83
7	*5785.00	115.3 PK			1.73 H	140	105.38	9.94
8	*5785.00	105.2 AV			1.73 H	140	95.26	9.94
9	#7236.00	65.2 PK	74.0	-8.8	1.29 H	80	50.51	14.70
10	#7236.00	49.2 AV	54.0	-4.8	1.29 H	80	34.47	14.70
11	11570.00	61.5 PK	74.0	-12.5	1.49 H	152	40.09	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.49 H	152	27.89	21.44
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	66.3 PK	74.0	-7.7	1.70 V	333	65.76	0.52
2	2390.00	50.8 AV	54.0	-3.3	1.70 V	333	50.23	0.52
3	*2412.00	118.7 PK			1.70 V	333	118.05	0.65
4	*2412.00	108.4 AV			1.70 V	333	107.72	0.65
5	4824.00	57.4 PK	74.0	-16.6	1.28 V	342	49.60	7.83
6	4824.00	44.4 AV	54.0	-9.6	1.28 V	342	36.55	7.83
7	*5785.00	124.7 PK			1.93 V	325	114.79	9.94
8	*5785.00	114.0 AV			1.93 V	325	104.06	9.94
9	#7236.00	64.4 PK	74.0	-9.6	1.42 V	5	49.68	14.70
10	#7236.00	48.2 AV	54.0	-5.8	1.42 V	5	33.50	14.70
11	11570.00	61.0 PK	74.0	-13.0	1.31 V	248	39.59	21.44
12	11570.00	49.1 AV	54.0	-5.0	1.31 V	248	27.61	21.44

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.

TEST FREQUENCY	881.0+1960.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-53.3 PK	-13.0	-40.3	1.63 H	307	-51.21	-2.04
2	3920.00	-51.2 PK	-13.0	-38.2	1.55 H	103	-57.16	5.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-52.1 PK	-13.0	-39.1	1.97 V	286	-50.02	-2.04
2	3920.00	-50.6 PK	-13.0	-37.6	1.66 V	49	-56.56	5.94

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.8 PK	74.0	-11.2	1.00 H	41	62.28	0.52
2	2390.00	48.8 AV	54.0	-5.2	1.00 H	41	48.25	0.52
3	*2412.00	112.4 PK			1.00 H	41	111.73	0.65
4	*2412.00	103.0 AV			1.00 H	41	102.37	0.65
5	4824.00	64.0 PK	74.0	-10.0	1.42 H	280	56.20	7.83
6	4824.00	52.5 AV	54.0	-1.5	1.42 H	280	44.66	7.83
7	*5785.00	115.2 PK			1.90 H	142	105.30	9.94
8	*5785.00	104.9 AV			1.90 H	142	94.99	9.94
9	#7236.00	65.2 PK	74.0	-8.8	1.33 H	69	50.52	14.70
10	#7236.00	49.2 AV	54.0	-4.8	1.33 H	69	34.46	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.42 H	142	39.85	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.42 H	142	27.87	21.44
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	66.8 PK	74.0	-7.2	1.72 V	308	66.30	0.52
2	2390.00	50.9 AV	54.0	-3.1	1.72 V	308	50.39	0.52
3	*2412.00	118.6 PK			1.72 V	308	117.90	0.65
4	*2412.00	109.0 AV			1.72 V	308	108.37	0.65
5	4824.00	57.5 PK	74.0	-16.5	1.39 V	344	49.70	7.83
6	4824.00	44.4 AV	54.0	-9.6	1.39 V	344	36.55	7.83
7	*5785.00	125.0 PK			1.83 V	298	115.03	9.94
8	*5785.00	114.1 AV			1.83 V	298	104.19	9.94
9	#7236.00	64.4 PK	74.0	-9.6	1.33 V	15	49.68	14.70
10	#7236.00	48.7 AV	54.0	-5.3	1.33 V	15	33.99	14.70
11	11570.00	61.1 PK	74.0	-12.9	1.40 V	271	39.64	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.40 V	271	27.86	21.44

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.

TEST FREQUENCY	881.0+2132.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-54.0 PK	-13.0	-41.0	1.72 H	345	-51.99	-2.04
2	4265.00	-52.1 PK	-13.0	-39.1	1.44 H	207	-58.81	6.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-52.6 PK	-13.0	-39.6	2.08 V	330	-50.59	-2.04
2	4265.00	-49.9 PK	-13.0	-36.9	1.75 V	100	-56.58	6.70

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2115.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.1 PK	74.0	-11.9	1.05 H	63	61.59	0.52
2	2390.00	48.4 AV	54.0	-5.6	1.05 H	63	47.86	0.52
3	*2412.00	112.8 PK			1.05 H	63	112.17	0.65
4	*2412.00	102.4 AV			1.05 H	63	101.79	0.65
5	4824.00	63.8 PK	74.0	-10.2	1.43 H	225	56.01	7.83
6	4824.00	52.3 AV	54.0	-1.7	1.43 H	225	44.50	7.83
7	*5785.00	115.4 PK			1.88 H	135	105.44	9.94
8	*5785.00	105.3 AV			1.88 H	135	95.35	9.94
9	#7236.00	65.2 PK	74.0	-8.8	1.22 H	74	50.53	14.70
10	#7236.00	49.2 AV	54.0	-4.8	1.22 H	74	34.51	14.70
11	11570.00	61.5 PK	74.0	-12.5	1.58 H	140	40.09	21.44
12	11570.00	49.5 AV	54.0	-4.5	1.58 H	140	28.06	21.44
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	66.8 PK	74.0	-7.2	1.58 V	334	66.30	0.52
2	2390.00	51.0 AV	54.0	-3.0	1.58 V	334	50.47	0.52
3	*2412.00	118.3 PK			1.58 V	334	117.62	0.65
4	*2412.00	108.5 AV			1.58 V	334	107.84	0.65
5	4824.00	57.2 PK	74.0	-16.8	1.38 V	330	49.37	7.83
6	4824.00	44.4 AV	54.0	-9.6	1.38 V	330	36.56	7.83
7	*5785.00	124.8 PK			1.83 V	321	114.86	9.94
8	*5785.00	114.0 AV			1.83 V	321	104.06	9.94
9	#7236.00	64.4 PK	74.0	-9.7	1.40 V	22	49.65	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.40 V	22	33.37	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.28 V	273	39.86	21.44
12	11570.00	49.0 AV	54.0	-5.0	1.28 V	273	27.58	21.44

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.

TEST FREQUENCY	881.0+2115.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-53.9 PK	-13.0	-40.9	1.78 H	359	-51.82	-2.04
2	4230.00	-52.0 PK	-13.0	-39.0	1.52 H	193	-58.67	6.68
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-52.8 PK	-13.0	-39.8	1.65 V	350	-50.76	-2.04
2	4230.00	-50.6 PK	-13.0	-37.6	1.39 V	200	-57.31	6.68

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2147.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.9 PK	74.0	-11.1	1.00 H	38	62.35	0.52
2	2390.00	48.1 AV	54.0	-5.9	1.00 H	38	47.59	0.52
3	*2412.00	112.7 PK			1.00 H	38	112.03	0.65
4	*2412.00	102.5 AV			1.00 H	38	101.84	0.65
5	4824.00	63.9 PK	74.0	-10.2	1.43 H	229	56.02	7.83
6	4824.00	52.4 AV	54.0	-1.6	1.43 H	229	44.58	7.83
7	*5785.00	115.4 PK			1.73 H	142	105.44	9.94
8	*5785.00	105.2 AV			1.73 H	142	95.26	9.94
9	#7236.00	65.3 PK	74.0	-8.7	1.24 H	88	50.57	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.24 H	88	34.33	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.48 H	144	39.89	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.48 H	144	27.84	21.44
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	66.6 PK	74.0	-7.4	1.48 V	309	66.06	0.52
2	2390.00	50.7 AV	54.0	-3.3	1.48 V	309	50.21	0.52
3	*2412.00	118.7 PK			1.48 V	309	118.07	0.65
4	*2412.00	108.4 AV			1.48 V	309	107.70	0.65
5	4824.00	57.3 PK	74.0	-16.7	1.35 V	339	49.50	7.83
6	4824.00	44.4 AV	54.0	-9.6	1.35 V	339	36.56	7.83
7	*5785.00	124.9 PK			1.95 V	306	114.99	9.94
8	*5785.00	114.0 AV			1.95 V	306	104.08	9.94
9	#7236.00	64.8 PK	74.0	-9.2	1.32 V	8	50.07	14.70
10	#7236.00	48.3 AV	54.0	-5.8	1.32 V	8	33.55	14.70
11	11570.00	61.1 PK	74.0	-12.9	1.23 V	245	39.65	21.44
12	11570.00	49.2 AV	54.0	-4.8	1.23 V	245	27.74	21.44

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.

TEST FREQUENCY	881.0+2147.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-53.9 PK	-13.0	-40.9	1.82 H	360	-51.83	-2.04
2	4295.00	-51.6 PK	-13.0	-38.6	1.58 H	176	-58.27	6.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-52.8 PK	-13.0	-39.8	1.70 V	332	-50.72	-2.04
2	4295.00	-50.9 PK	-13.0	-37.9	1.46 V	220	-57.59	6.72

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.03 H	42	61.86	0.52
2	2390.00	48.4 AV	54.0	-5.6	1.03 H	42	47.87	0.52
3	*2412.00	112.6 PK			1.03 H	42	111.90	0.65
4	*2412.00	102.6 AV			1.03 H	42	101.98	0.65
5	4824.00	64.0 PK	74.0	-10.0	1.40 H	283	56.14	7.83
6	4824.00	52.7 AV	54.0	-1.3	1.40 H	283	44.83	7.83
7	*5785.00	115.2 PK			1.85 H	133	105.28	9.94
8	*5785.00	105.3 AV			1.85 H	133	95.34	9.94
9	#7236.00	65.3 PK	74.0	-8.7	1.34 H	82	50.58	14.70
10	#7236.00	49.1 AV	54.0	-4.9	1.34 H	82	34.40	14.70
11	11570.00	61.7 PK	74.0	-12.3	1.57 H	137	40.29	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.57 H	137	27.83	21.44
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	66.8 PK	74.0	-7.2	1.58 V	347	66.30	0.52
2	2390.00	50.7 AV	54.0	-3.3	1.58 V	347	50.19	0.52
3	*2412.00	118.6 PK			1.58 V	347	117.99	0.65
4	*2412.00	108.9 AV			1.58 V	347	108.26	0.65
5	4824.00	57.1 PK	74.0	-16.9	1.33 V	356	49.23	7.83
6	4824.00	44.5 AV	54.0	-9.5	1.33 V	356	36.66	7.83
7	*5785.00	124.8 PK			1.82 V	330	114.89	9.94
8	*5785.00	114.1 AV			1.82 V	330	104.17	9.94
9	#7236.00	64.3 PK	74.0	-9.7	1.30 V	4	49.63	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.30 V	4	33.38	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.18 V	243	39.86	21.44
12	11570.00	49.1 AV	54.0	-4.9	1.18 V	243	27.67	21.44

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.

TEST FREQUENCY	881.0+2132.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-54.3 PK	-13.0	-41.3	1.82 H	360	-52.24	-2.04
2	4265.00	-52.2 PK	-13.0	-39.2	1.38 H	166	-58.86	6.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1763.00	-53.1 PK	-13.0	-40.1	2.50 V	328	-51.07	-2.04
2	4265.00	-51.3 PK	-13.0	-38.3	1.44 V	218	-57.96	6.70

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+731.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.00 H	34	61.86	0.52
2	2390.00	48.6 AV	54.0	-5.4	1.00 H	34	48.10	0.52
3	*2412.00	112.7 PK			1.00 H	34	112.06	0.65
4	*2412.00	102.4 AV			1.00 H	34	101.78	0.65
5	4824.00	64.0 PK	74.0	-10.0	1.45 H	278	56.19	7.83
6	4824.00	52.4 AV	54.0	-1.6	1.45 H	278	44.56	7.83
7	*5785.00	115.4 PK			1.85 H	135	105.49	9.94
8	*5785.00	105.4 AV			1.85 H	135	95.45	9.94
9	#7236.00	65.2 PK	74.0	-8.8	1.23 H	71	50.51	14.70
10	#7236.00	49.3 AV	54.0	-4.7	1.23 H	71	34.58	14.70
11	11570.00	61.7 PK	74.0	-12.3	1.58 H	134	40.25	21.44
12	11570.00	49.4 AV	54.0	-4.6	1.58 H	134	27.93	21.44
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	66.7 PK	74.0	-7.3	1.60 V	322	66.19	0.52
2	2390.00	50.9 AV	54.0	-3.1	1.60 V	322	50.40	0.52
3	*2412.00	118.4 PK			1.60 V	322	117.77	0.65
4	*2412.00	108.2 AV			1.60 V	322	107.51	0.65
5	4824.00	57.0 PK	74.0	-17.0	1.38 V	347	49.20	7.83
6	4824.00	44.6 AV	54.0	-9.4	1.38 V	347	36.77	7.83
7	*5785.00	124.8 PK			1.91 V	331	114.86	9.94
8	*5785.00	114.2 AV			1.91 V	331	104.22	9.94
9	#7236.00	64.3 PK	74.0	-9.7	1.31 V	8	49.64	14.70
10	#7236.00	41.3 AV	54.0	-12.7	1.31 V	8	26.57	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.26 V	255	39.88	21.44
12	11570.00	49.1 AV	54.0	-4.9	1.26 V	255	27.69	21.44

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.

TEST FREQUENCY	881.0+731.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1463.00	-52.7 PK	-13.0	-39.7	1.23 H	181	-50.01	-2.70
2	1763.00	-54.6 PK	-13.0	-41.6	1.75 H	353	-52.58	-2.04
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1463.00	-51.8 PK	-13.0	-38.8	1.59 V	268	-49.12	-2.70
2	1763.00	-53.5 PK	-13.0	-40.5	2.44 V	348	-51.46	-2.04

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 5 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+740.0+2412+5785	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.3 PK	74.0	-11.7	1.04 H	38	61.78	0.52
2	2390.00	48.6 AV	54.0	-5.4	1.04 H	38	48.06	0.52
3	*2412.00	112.8 PK			1.04 H	38	112.17	0.65
4	*2412.00	102.5 AV			1.04 H	38	101.84	0.65
5	4824.00	63.9 PK	74.0	-10.1	1.40 H	268	56.04	7.83
6	4824.00	52.6 AV	54.0	-1.4	1.40 H	268	44.80	7.83
7	*5785.00	115.4 PK			1.89 H	135	105.44	9.94
8	*5785.00	105.0 AV			1.89 H	135	95.05	9.94
9	#7236.00	65.4 PK	74.0	-8.6	1.22 H	80	50.74	14.70
10	#7236.00	49.2 AV	54.0	-4.8	1.22 H	80	34.53	14.70
11	11570.00	61.4 PK	74.0	-12.6	1.48 H	134	39.94	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.48 H	134	27.83	21.44
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	66.8 PK	74.0	-7.2	1.57 V	320	66.29	0.52
2	2390.00	50.8 AV	54.0	-3.2	1.57 V	320	50.31	0.52
3	*2412.00	118.7 PK			1.57 V	320	118.08	0.65
4	*2412.00	108.6 AV			1.57 V	320	107.97	0.65
5	4824.00	57.1 PK	74.0	-16.9	1.30 V	355	49.26	7.83
6	4824.00	44.4 AV	54.0	-9.6	1.30 V	355	36.55	7.83
7	*5785.00	124.9 PK			1.96 V	308	114.99	9.94
8	*5785.00	114.0 AV			1.96 V	308	104.08	9.94
9	#7236.00	64.4 PK	74.0	-9.6	1.33 V	8	49.74	14.70
10	#7236.00	48.2 AV	54.0	-5.9	1.33 V	8	33.45	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.25 V	256	39.86	21.44
12	11570.00	49.0 AV	54.0	-5.0	1.25 V	256	27.56	21.44

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.

TEST FREQUENCY	881.0+740.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-52.3 PK	-13.0	-39.3	2.08 H	59	-49.75	-2.55
2	1763.00	-54.2 PK	-13.0	-41.2	1.70 H	340	-52.18	-2.04
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-50.6 PK	-13.0	-37.6	1.83 V	76	-48.07	-2.55
2	1763.00	-53.5 PK	-13.0	-40.5	2.34 V	345	-51.48	-2.04

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 2 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.03 H	51	61.86	0.52
2	2390.00	48.6 AV	54.0	-5.5	1.03 H	51	48.03	0.52
3	*2412.00	112.7 PK			1.03 H	51	112.00	0.65
4	*2412.00	102.3 AV			1.03 H	51	101.66	0.65
5	4824.00	63.9 PK	74.0	-10.1	1.42 H	283	56.04	7.83
6	4824.00	52.3 AV	54.0	-1.7	1.42 H	283	44.50	7.83
7	*5785.00	115.2 PK			1.82 H	150	105.26	9.94
8	*5785.00	105.1 AV			1.82 H	150	95.17	9.94
9	#7236.00	65.4 PK	74.0	-8.6	1.26 H	90	50.70	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.26 H	90	34.31	14.70
11	11570.00	61.4 PK	74.0	-12.6	1.53 H	127	39.94	21.44
12	11570.00	49.4 AV	54.0	-4.6	1.53 H	127	28.00	21.44
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	66.7 PK	74.0	-7.3	1.51 V	324	66.18	0.52
2	2390.00	50.9 AV	54.0	-3.1	1.51 V	324	50.41	0.52
3	*2412.00	118.6 PK			1.51 V	324	117.90	0.65
4	*2412.00	108.6 AV			1.51 V	324	107.96	0.65
5	4824.00	57.4 PK	74.0	-16.6	1.39 V	347	49.56	7.83
6	4824.00	44.1 AV	54.0	-9.9	1.39 V	347	36.27	7.83
7	*5785.00	124.8 PK			2.03 V	309	114.85	9.94
8	*5785.00	114.0 AV			2.03 V	309	104.08	9.94
9	#7236.00	63.8 PK	74.0	-10.2	1.25 V	3	49.11	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.25 V	3	33.37	14.70
11	11570.00	61.2 PK	74.0	-12.8	1.22 V	263	39.74	21.44
12	11570.00	49.0 AV	54.0	-5.0	1.22 V	263	27.59	21.44

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.

TEST FREQUENCY	1960.0+2132.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-54.8 PK	-13.0	-41.8	1.85 H	237	-60.71	5.94
2	4265.00	-53.2 PK	-13.0	-40.2	1.48 H	266	-59.88	6.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-53.9 PK	-13.0	-40.9	1.52 V	297	-59.80	5.94
2	4265.00	-52.6 PK	-13.0	-39.6	1.08 V	242	-59.33	6.70

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 2 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2115.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.3 PK	74.0	-11.7	1.00 H	50	61.81	0.52
2	2390.00	48.4 AV	54.0	-5.6	1.00 H	50	47.84	0.52
3	*2412.00	112.4 PK			1.00 H	50	111.73	0.65
4	*2412.00	102.1 AV			1.00 H	50	101.44	0.65
5	4824.00	64.1 PK	74.0	-9.9	1.44 H	300	56.25	7.83
6	4824.00	52.3 AV	54.0	-1.7	1.44 H	300	44.50	7.83
7	*5785.00	115.4 PK			1.83 H	130	107.69	7.73
8	*5785.00	105.0 AV			1.83 H	130	97.30	7.73
9	#7236.00	65.2 PK	74.0	-8.8	1.19 H	74	50.51	14.70
10	#7236.00	48.9 AV	54.0	-5.1	1.19 H	74	34.23	14.70
11	11570.00	61.4 PK	74.0	-12.6	1.48 H	134	39.94	21.44
12	11570.00	49.2 AV	54.0	-4.8	1.48 H	134	27.80	21.44
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	66.7 PK	74.0	-7.3	1.53 V	317	66.18	0.52
2	2390.00	50.8 AV	54.0	-3.2	1.53 V	317	50.31	0.52
3	*2412.00	118.4 PK			1.53 V	317	117.77	0.65
4	*2412.00	108.7 AV			1.53 V	317	108.08	0.65
5	4824.00	57.3 PK	74.0	-16.7	1.27 V	345	49.50	7.83
6	4824.00	44.1 AV	54.0	-9.9	1.27 V	345	36.27	7.83
7	*5785.00	124.7 PK			1.90 V	328	114.79	9.94
8	*5785.00	113.9 AV			1.90 V	328	103.91	9.94
9	#7236.00	64.8 PK	74.0	-9.2	1.45 V	21	50.12	14.70
10	#7236.00	48.2 AV	54.0	-5.8	1.45 V	21	33.53	14.70
11	11570.00	61.0 PK	74.0	-13.0	1.34 V	223	39.59	21.44
12	11570.00	49.1 AV	54.0	-4.9	1.34 V	223	27.68	21.44

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.

TEST FREQUENCY	1960.0+2115.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-54.7 PK	-13.0	-41.7	1.79 H	263	-60.59	5.94
2	4230.00	-53.0 PK	-13.0	-40.0	1.38 H	217	-59.70	6.68
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-53.2 PK	-13.0	-40.2	1.54 V	307	-59.12	5.94
2	4230.00	-52.1 PK	-13.0	-39.1	1.00 V	238	-58.75	6.68

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 2 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2147.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.3 PK	74.0	-11.7	1.08 H	37	61.82	0.52
2	2390.00	48.2 AV	54.0	-5.8	1.08 H	37	47.66	0.52
3	*2412.00	112.6 PK			1.08 H	37	111.98	0.65
4	*2412.00	102.5 AV			1.08 H	37	101.80	0.65
5	4824.00	63.8 PK	74.0	-10.3	1.13 H	283	55.92	7.83
6	4824.00	52.4 AV	54.0	-1.6	1.13 H	283	44.60	7.83
7	*5785.00	115.3 PK			1.90 H	131	105.40	9.94
8	*5785.00	105.9 AV			1.90 H	131	95.93	9.94
9	#7236.00	65.1 PK	74.0	-8.9	1.33 H	67	50.39	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.33 H	67	34.27	14.70
11	11570.00	61.8 PK	74.0	-12.2	1.43 H	112	40.38	21.44
12	11570.00	49.4 AV	54.0	-4.6	1.43 H	112	27.93	21.44
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	66.2 PK	74.0	-7.8	1.68 V	297	65.70	0.52
2	2390.00	50.9 AV	54.0	-3.1	1.68 V	297	50.34	0.52
3	*2412.00	118.6 PK			1.68 V	297	117.98	0.65
4	*2412.00	108.2 AV			1.68 V	297	107.52	0.65
5	4824.00	57.0 PK	74.0	-17.0	1.38 V	352	49.21	7.83
6	4824.00	44.3 AV	54.0	-9.7	1.38 V	352	36.49	7.83
7	*5785.00	124.8 PK			1.83 V	330	114.89	9.94
8	*5785.00	114.0 AV			1.83 V	330	104.10	9.94
9	#7236.00	64.2 PK	74.0	-9.9	1.31 V	0	49.45	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.31 V	0	33.38	14.70
11	11570.00	61.2 PK	74.0	-12.8	1.24 V	233	39.79	21.44
12	11570.00	48.8 AV	54.0	-5.2	1.24 V	233	27.34	21.44

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.

TEST FREQUENCY	1960.0+2147.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-54.3 PK	-13.0	-41.3	1.79 H	236	-60.22	5.94
2	4295.00	-52.9 PK	-13.0	-39.9	1.65 H	254	-59.61	6.72
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-53.1 PK	-13.0	-40.1	1.60 V	302	-59.05	5.94
2	4295.00	-51.9 PK	-13.0	-38.9	1.28 V	206	-58.62	6.72

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 2 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.02 H	43	61.86	0.52
2	2390.00	48.2 AV	54.0	-5.8	1.02 H	43	47.67	0.52
3	*2412.00	112.6 PK			1.02 H	43	111.93	0.65
4	*2412.00	102.5 AV			1.02 H	43	101.84	0.65
5	4824.00	64.0 PK	74.0	-10.0	1.44 H	283	56.17	7.83
6	4824.00	52.3 AV	54.0	-1.7	1.44 H	283	44.45	7.83
7	*5785.00	115.3 PK			1.88 H	142	105.38	9.94
8	*5785.00	105.1 AV			1.88 H	142	95.18	9.94
9	#7236.00	65.4 PK	74.0	-8.6	1.13 H	82	50.68	14.70
10	#7236.00	49.2 AV	54.0	-4.8	1.13 H	82	34.50	14.70
11	11570.00	61.4 PK	74.0	-12.6	1.54 H	131	39.99	21.44
12	11570.00	49.9 AV	54.0	-4.1	1.54 H	131	28.43	21.44
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	66.3 PK	74.0	-7.7	1.77 V	284	65.75	0.52
2	2390.00	50.7 AV	54.0	-3.4	1.77 V	284	50.13	0.52
3	*2412.00	118.4 PK			1.77 V	284	117.71	0.65
4	*2412.00	108.5 AV			1.77 V	284	107.89	0.65
5	4824.00	57.6 PK	74.0	-16.4	1.36 V	2	49.77	7.83
6	4824.00	44.3 AV	54.0	-9.7	1.36 V	2	36.48	7.83
7	*5785.00	124.7 PK			1.85 V	334	114.75	9.94
8	*5785.00	114.0 AV			1.85 V	334	104.08	9.94
9	#7236.00	64.4 PK	74.0	-9.6	1.21 V	8	49.68	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.21 V	8	33.37	14.70
11	11570.00	61.0 PK	74.0	-13.0	1.26 V	256	39.58	21.44
12	11570.00	49.1 AV	54.0	-4.9	1.26 V	256	27.67	21.44

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.

TEST FREQUENCY	1960.0+2132.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-54.0 PK	-13.0	-41.0	1.80 H	249	-59.93	5.94
2	4265.00	-52.3 PK	-13.0	-39.3	1.51 H	227	-59.03	6.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3920.00	-52.8 PK	-13.0	-39.8	1.50 V	300	-58.72	5.94
2	4265.00	-51.7 PK	-13.0	-38.7	1.00 V	260	-58.37	6.70

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 2 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+731.5+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.00 H	44	61.86	0.52
2	2390.00	48.7 AV	54.0	-5.4	1.00 H	44	48.13	0.52
3	*2412.00	112.4 PK			1.00 H	44	111.70	0.65
4	*2412.00	102.5 AV			1.00 H	44	101.84	0.65
5	4824.00	63.5 PK	74.0	-10.5	1.45 H	247	55.68	7.83
6	**4824.00**	**52.8 AV**	**54.0**	**-1.2**	**1.45 H**	**247**	**45.00**	**7.83**
7	*5785.00	115.4 PK			1.54 H	134	105.49	9.94
8	*5785.00	105.1 AV			1.54 H	134	95.13	9.94
9	#7236.00	65.4 PK	74.0	-8.6	1.30 H	88	50.67	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.30 H	88	34.32	14.70
11	11570.00	61.5 PK	74.0	-12.5	1.53 H	143	40.09	21.44
12	11570.00	49.4 AV	54.0	-4.6	1.53 H	143	27.99	21.44
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	66.2 PK	74.0	-7.8	1.35 V	338	65.72	0.52
2	2390.00	50.9 AV	54.0	-3.1	1.35 V	338	50.35	0.52
3	*2412.00	118.7 PK			1.35 V	338	118.00	0.65
4	*2412.00	108.1 AV			1.35 V	338	107.46	0.65
5	4824.00	57.1 PK	74.0	-16.9	1.34 V	297	49.30	7.83
6	4824.00	44.3 AV	54.0	-9.7	1.34 V	297	36.49	7.83
7	*5785.00	124.4 PK			1.87 V	320	114.44	9.94
8	*5785.00	114.1 AV			1.87 V	320	104.14	9.94
9	#7236.00	64.6 PK	74.0	-9.4	1.30 V	1	49.94	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.30 V	1	33.40	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.25 V	243	39.90	21.44
12	11570.00	48.9 AV	54.0	-5.1	1.25 V	243	27.45	21.44

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.

TEST FREQUENCY	1960.0+731.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1463.00	-53.0 PK	-13.0	-40.0	1.17 H	168	-50.27	-2.70
2	3920.00	-53.3 PK	-13.0	-40.3	1.76 H	238	-59.23	5.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1463.00	-52.7 PK	-13.0	-39.7	1.37 V	218	-49.96	-2.70
2	3920.00	-52.6 PK	-13.0	-39.6	1.59 V	299	-58.49	5.94

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

WCDMA Band 2 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+740.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.10 H	62	61.91	0.52
2	2390.00	48.4 AV	54.0	-5.6	1.10 H	62	47.86	0.52
3	*2412.00	112.8 PK			1.10 H	62	112.18	0.65
4	*2412.00	102.5 AV			1.10 H	62	101.81	0.65
5	4824.00	63.9 PK	74.0	-10.2	1.38 H	288	56.02	7.83
6	4824.00	52.1 AV	54.0	-1.9	1.38 H	288	44.30	7.83
7	*5785.00	115.4 PK			1.82 H	134	105.41	9.94
8	*5785.00	105.2 AV			1.82 H	134	95.26	9.94
9	#7236.00	65.3 PK	74.0	-8.7	1.34 H	83	50.64	14.70
10	#7236.00	49.0 AV	54.0	-5.1	1.34 H	83	34.25	14.70
11	11570.00	61.8 PK	74.0	-12.2	1.44 H	120	40.33	21.44
12	11570.00	49.6 AV	54.0	-4.5	1.44 H	120	28.11	21.44
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	66.8 PK	74.0	-7.2	1.58 V	337	66.26	0.52
2	2390.00	50.8 AV	54.0	-3.2	1.58 V	337	50.31	0.52
3	*2412.00	118.5 PK			1.58 V	337	117.88	0.65
4	*2412.00	108.3 AV			1.58 V	337	107.62	0.65
5	4824.00	57.1 PK	74.0	-16.9	1.36 V	355	49.23	7.83
6	4824.00	44.4 AV	54.0	-9.6	1.36 V	355	36.55	7.83
7	*5785.00	124.8 PK			1.89 V	324	114.84	9.94
8	*5785.00	114.1 AV			1.89 V	324	104.16	9.94
9	#7236.00	64.3 PK	74.0	-9.7	1.43 V	3	49.58	14.70
10	#7236.00	48.0 AV	54.0	-6.0	1.43 V	3	33.33	14.70
11	11570.00	61.3 PK	74.0	-12.7	1.73 V	224	39.88	21.44
12	11570.00	48.9 AV	54.0	-5.1	1.73 V	224	27.49	21.44

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.

TEST FREQUENCY	1960.0+740.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-53.1 PK	-13.0	-40.1	1.25 H	122	-50.56	-2.55
2	3920.00	-53.9 PK	-13.0	-40.9	1.62 H	251	-59.81	5.94
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-52.1 PK	-13.0	-39.1	1.43 V	220	-49.51	-2.55
2	3920.00	-52.7 PK	-13.0	-39.7	1.47 V	303	-58.63	5.94

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

LTE Band 4 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	2132.5+731.5+2412+5785	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.00 H	33	61.92	0.52
2	2390.00	48.2 AV	54.0	-5.8	1.00 H	33	47.69	0.52
3	*2412.00	112.9 PK			1.00 H	33	112.22	0.65
4	*2412.00	102.5 AV			1.00 H	33	101.84	0.65
5	4824.00	63.9 PK	74.0	-10.1	1.63 H	275	56.05	7.83
6	4824.00	52.8 AV	54.0	-1.3	1.63 H	275	44.92	7.83
7	*5785.00	115.2 PK			1.90 H	134	105.28	9.94
8	*5785.00	105.3 AV			1.90 H	134	95.37	9.94
9	#7236.00	65.1 PK	74.0	-8.9	1.24 H	70	50.38	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.24 H	70	34.30	14.70
11	11570.00	61.4 PK	74.0	-12.6	1.48 H	138	39.94	21.44
12	11570.00	49.1 AV	54.0	-4.9	1.48 H	138	27.67	21.44
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	66.9 PK	74.0	-7.1	1.57 V	342	66.35	0.52
2	2390.00	50.7 AV	54.0	-3.3	1.57 V	342	50.21	0.52
3	*2412.00	118.4 PK			1.57 V	342	117.78	0.65
4	*2412.00	108.6 AV			1.57 V	342	107.93	0.65
5	4824.00	57.2 PK	74.0	-16.8	1.32 V	348	49.39	7.83
6	4824.00	44.3 AV	54.0	-9.7	1.32 V	348	36.51	7.83
7	*5785.00	124.8 PK			1.92 V	308	114.85	9.94
8	*5785.00	114.0 AV			1.92 V	308	104.09	9.94
9	#7236.00	64.4 PK	74.0	-9.7	1.28 V	5	49.65	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.28 V	5	33.37	14.70
11	11570.00	61.2 PK	74.0	-12.8	1.30 V	247	39.78	21.44
12	11570.00	49.0 AV	54.0	-5.1	1.30 V	247	27.51	21.44

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.

TEST FREQUENCY	2132.5+731.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1463.00	-55.0 PK	-13.0	-42.0	1.28 H	114	-52.28	-2.70
2	4265.00	-53.1 PK	-13.0	-40.1	1.49 H	200	-59.81	6.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1463.00	-51.6 PK	-13.0	-38.6	1.58 V	280	-48.93	-2.70
2	4265.00	-50.1 PK	-13.0	-37.1	1.27 V	194	-56.83	6.70

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

LTE Band 4 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	2115.0+740.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.4 PK	74.0	-11.6	1.00 H	51	61.86	0.52
2	2390.00	48.3 AV	54.0	-5.7	1.00 H	51	47.81	0.52
3	*2412.00	112.6 PK			1.00 H	51	111.93	0.65
4	*2412.00	102.3 AV			1.00 H	51	101.62	0.65
5	4824.00	64.0 PK	74.0	-10.0	1.43 H	277	56.17	7.83
6	4824.00	52.3 AV	54.0	-1.7	1.43 H	277	44.51	7.83
7	*5785.00	115.4 PK			1.89 H	135	105.43	9.94
8	*5785.00	105.2 AV			1.89 H	135	95.26	9.94
9	#7236.00	65.3 PK	74.0	-8.7	1.22 H	75	50.57	14.70
10	#7236.00	49.1 AV	54.0	-4.9	1.22 H	75	34.42	14.70
11	11570.00	61.4 PK	74.0	-12.6	1.43 H	155	39.98	21.44
12	11570.00	49.3 AV	54.0	-4.7	1.43 H	155	27.86	21.44
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	66.8 PK	74.0	-7.2	1.41 V	311	66.28	0.52
2	2390.00	50.4 AV	54.0	-3.6	1.41 V	311	49.91	0.52
3	*2412.00	118.4 PK			1.41 V	311	117.70	0.65
4	*2412.00	108.7 AV			1.41 V	311	108.07	0.65
5	4824.00	57.1 PK	74.0	-16.9	1.48 V	358	49.25	7.83
6	4824.00	44.9 AV	54.0	-9.1	1.48 V	358	37.08	7.83
7	*5785.00	124.4 PK			1.82 V	289	114.44	9.94
8	*5785.00	114.1 AV			1.82 V	289	104.11	9.94
9	#7236.00	64.3 PK	74.0	-9.7	1.40 V	13	49.61	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.40 V	13	33.37	14.70
11	11570.00	61.1 PK	74.0	-12.9	1.30 V	273	39.67	21.44
12	11570.00	49.1 AV	54.0	-4.9	1.30 V	273	27.62	21.44

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.

TEST FREQUENCY	2115.0+740.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-53.0 PK	-13.0	-40.0	2.03 H	61	-50.44	-2.55
2	4230.00	-53.2 PK	-13.0	-40.2	1.43 H	201	-59.86	6.68
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-51.1 PK	-13.0	-38.1	1.89 V	84	-48.50	-2.55
2	4230.00	-51.5 PK	-13.0	-38.5	1.09 V	227	-58.21	6.68

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

LTE Band 2 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	1987.5+731.5+2412+5785	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.5 PK	74.0	-11.6	1.00 H	43	61.93	0.52
2	2390.00	48.6 AV	54.0	-5.4	1.00 H	43	48.09	0.52
3	*2412.00	112.6 PK			1.00 H	43	111.94	0.65
4	*2412.00	102.4 AV			1.00 H	43	101.79	0.65
5	4824.00	63.9 PK	74.0	-10.1	1.44 H	280	56.04	7.83
6	4824.00	52.1 AV	54.0	-1.9	1.44 H	280	44.30	7.83
7	*5785.00	115.3 PK			2.03 H	111	105.37	9.94
8	*5785.00	105.4 AV			2.03 H	111	95.48	9.94
9	#7236.00	65.3 PK	74.0	-8.7	1.15 H	63	50.61	14.70
10	#7236.00	48.6 AV	54.0	-5.4	1.15 H	63	33.87	14.70
11	11570.00	61.2 PK	74.0	-12.8	1.38 H	152	39.79	21.44
12	11570.00	49.2 AV	54.0	-4.8	1.38 H	152	27.73	21.44
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	66.4 PK	74.0	-7.6	1.63 V	322	65.89	0.52
2	2390.00	50.9 AV	54.0	-3.1	1.63 V	322	50.41	0.52
3	*2412.00	118.7 PK			1.63 V	322	118.08	0.65
4	*2412.00	108.5 AV			1.63 V	322	107.89	0.65
5	4824.00	57.2 PK	74.0	-16.8	1.33 V	360	49.37	7.83
6	4824.00	44.3 AV	54.0	-9.7	1.33 V	360	36.48	7.83
7	*5785.00	124.6 PK			1.83 V	351	114.62	9.94
8	*5785.00	113.9 AV			1.83 V	351	103.91	9.94
9	#7236.00	64.4 PK	74.0	-9.6	1.27 V	10	49.68	14.70
10	#7236.00	48.1 AV	54.0	-5.9	1.27 V	10	33.39	14.70
11	11570.00	61.1 PK	74.0	-12.9	1.24 V	251	39.62	21.44
12	11570.00	48.7 AV	54.0	-5.3	1.24 V	251	27.30	21.44

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.

TEST FREQUENCY	1987.5+731.5+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3975.00	-54.3 PK	-13.0	-41.3	1.00 H	86	-60.33	6.06
2	4265.00	-53.2 PK	-13.0	-40.2	1.56 H	195	-59.94	6.70
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	3975.00	-52.7 PK	-13.0	-39.7	1.82 V	334	-58.73	6.06
2	4265.00	-51.7 PK	-13.0	-38.7	1.30 V	187	-58.36	6.70

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

LTE Band 2 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	1985.0+740.0+2412+5785	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	62.1 PK	74.0	-12.0	1.02 H	27	61.53	0.52
2	2390.00	48.4 AV	54.0	-5.6	1.02 H	27	47.87	0.52
3	*2412.00	112.7 PK			1.02 H	27	112.06	0.65
4	*2412.00	102.4 AV			1.02 H	27	101.79	0.65
5	4824.00	63.3 PK	74.0	-10.8	1.43 H	263	55.42	7.83
6	4824.00	52.1 AV	54.0	-1.9	1.43 H	263	44.24	7.83
7	*5785.00	115.3 PK			1.82 H	131	105.38	9.94
8	*5785.00	105.2 AV			1.82 H	131	95.26	9.94
9	#7236.00	65.3 PK	74.0	-8.7	1.26 H	81	50.64	14.70
10	#7236.00	49.0 AV	54.0	-5.0	1.26 H	81	34.27	14.70
11	11570.00	61.3 PK	74.0	-12.8	1.48 H	200	39.81	21.44
12	11570.00	49.4 AV	54.0	-4.6	1.48 H	200	27.92	21.44
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	66.7 PK	74.0	-7.3	1.66 V	318	66.18	0.52
2	2390.00	50.7 AV	54.0	-3.3	1.66 V	318	50.21	0.52
3	*2412.00	118.6 PK			1.66 V	318	117.92	0.65
4	*2412.00	108.6 AV			1.66 V	318	107.97	0.65
5	4824.00	56.9 PK	74.0	-17.1	1.73 V	334	49.10	7.83
6	4824.00	44.1 AV	54.0	-10.0	1.73 V	334	36.22	7.83
7	*5785.00	124.8 PK			1.85 V	311	114.85	9.94
8	*5785.00	113.9 AV			1.85 V	311	103.92	9.94
9	#7236.00	64.2 PK	74.0	-9.8	1.34 V	12	49.51	14.70
10	#7236.00	48.2 AV	54.0	-5.8	1.34 V	12	33.49	14.70
11	11570.00	61.2 PK	74.0	-12.8	1.23 V	227	39.80	21.44
12	11570.00	48.6 AV	54.0	-5.4	1.23 V	227	27.18	21.44

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.

TEST FREQUENCY	1985.0+740.0+2412+5785	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 26.5GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-52.6 PK	-13.0	-39.6	1.97 H	56	-50.08	-2.55
2	3970.00	-54.0 PK	-13.0	-41.0	1.24 H	46	-60.00	6.05
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	1480.00	-51.7 PK	-13.0	-38.7	1.79 V	86	-49.18	-2.55
2	3970.00	-51.6 PK	-13.0	-38.6	1.88 V	19	-57.65	6.05

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

BELOW 1GHz DATA

WCDMA Band 5 +LTE Band 2 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+1987.5+ 2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	88.20	18.1 QP	43.5	-25.4	4.00 H	229	32.26	-14.16
2	160.95	25.9 QP	43.5	-17.7	4.00 H	311	34.33	-8.48
3	360.33	42.1 QP	46.0	-3.9	2.97 H	116	48.05	-5.96
4	603.27	39.5 QP	46.0	-6.5	1.38 H	255	39.93	-0.47
5	680.53	39.1 QP	46.0	-6.9	1.17 H	196	38.47	0.67
6	789.94	36.2 QP	46.0	-9.8	1.00 H	258	33.76	2.47
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	35.95	33.1 QP	40.0	-6.9	1.26 V	69	43.30	-10.16
2	145.43	31.8 QP	43.5	-11.7	1.00 V	135	40.51	-8.72
3	359.94	39.4 QP	46.0	-6.6	1.00 V	94	45.35	-5.99
4	428.67	38.2 QP	46.0	-7.8	1.84 V	19	42.24	-4.00
5	653.71	39.2 QP	46.0	-6.8	2.28 V	309	38.91	0.27
6	800.03	41.9 QP	46.0	-4.1	1.93 V	227	39.24	2.66

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

TEST FREQUENCY	881.0+1987.5+ 2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	54.25	-67.3 QP	-13.0	-54.3	2.89 H	307	-58.70	-8.55
2	228.85	-64.6 QP	-13.0	-51.6	1.84 H	224	-53.60	-10.98
3	385.02	-61.9 QP	-13.0	-48.9	1.09 H	186	-56.76	-5.11
4	642.07	-56.6 QP	-13.0	-43.6	1.96 H	273	-56.78	0.19
5	799.21	-53.3 QP	-13.0	-40.3	1.06 H	22	-55.96	2.70
6	983.51	-50.2 QP	-13.0	-37.2	1.00 H	173	-56.13	5.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	169.68	-66.4 QP	-13.0	-53.4	1.28 V	229	-57.78	-8.62
2	300.63	-64.9 QP	-13.0	-51.9	1.75 V	273	-58.07	-6.80
3	483.96	-59.7 QP	-13.0	-46.7	1.44 V	108	-56.62	-3.08
4	686.69	-56.2 QP	-13.0	-43.2	1.83 V	200	-56.95	0.76
5	764.29	-53.2 QP	-13.0	-40.2	2.93 V	187	-55.49	2.28
6	970.90	-49.6 QP	-13.0	-36.6	1.95 V	226	-55.34	5.78

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 2 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	881.0 +1985.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	60.07	17.5 QP	40.0	-22.5	4.00 H	229	26.53	-9.03
2	174.53	25.7 QP	43.5	-17.8	4.00 H	187	34.66	-9.00
3	297.72	40.1 QP	46.0	-5.9	2.99 H	22	47.03	-6.93
4	457.77	38.8 QP	46.0	-7.2	2.08 H	117	42.42	-3.61
5	611.03	38.4 QP	46.0	-7.6	1.52 H	305	38.74	-0.31
6	829.28	36.4 QP	46.0	-9.6	1.00 H	0	33.29	3.12
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	35.82	32.3 QP	40.0	-7.7	1.83 V	227	42.52	-10.19
2	145.43	30.0 QP	43.5	-13.5	1.17 V	254	38.76	-8.72
3	359.47	37.3 QP	46.0	-8.7	1.00 V	186	43.25	-5.99
4	425.94	37.2 QP	46.0	-8.8	2.06 V	221	41.30	-4.13
5	660.41	40.1 QP	46.0	-5.9	2.43 V	85	39.78	0.28
6	800.18	38.2 QP	46.0	-7.8	2.88 V	341	35.52	2.67

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

TEST FREQUENCY	881.0 +1985.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	163.86	-66.0 QP	-13.0	-53.0	1.86 H	220	-57.65	-8.37
2	299.66	-64.4 QP	-13.0	-51.4	1.03 H	247	-57.57	-6.83
3	492.69	-58.8 QP	-13.0	-45.8	1.87 H	113	-55.85	-2.92
4	654.68	-54.7 QP	-13.0	-41.7	1.19 H	258	-54.95	0.28
5	816.67	-52.5 QP	-13.0	-39.5	1.00 H	206	-55.36	2.89
6	983.51	-49.1 QP	-13.0	-36.1	1.00 H	334	-54.97	5.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	162.89	-64.6 QP	-13.0	-51.6	1.11 V	258	-56.13	-8.45
2	295.78	-63.0 QP	-13.0	-50.0	1.00 V	20	-55.99	-7.00
3	530.52	-57.3 QP	-13.0	-44.3	1.73 V	265	-55.21	-2.04
4	623.64	-54.8 QP	-13.0	-41.8	2.38 V	173	-54.77	-0.02
5	784.66	-51.9 QP	-13.0	-38.9	2.24 V	198	-54.42	2.51
6	978.66	-48.7 QP	-13.0	-35.7	2.65 V	69	-54.60	5.95

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 2 (CBW: 15MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+1960.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	87.23	18.8 QP	40.0	-21.2	4.00 H	189	32.92	-14.12
2	176.47	25.2 QP	43.5	-18.3	4.00 H	158	34.46	-9.25
3	377.26	39.7 QP	46.0	-6.4	2.58 H	221	44.91	-5.26
4	624.61	39.0 QP	46.0	-7.0	1.35 H	176	38.99	0.01
5	683.78	38.2 QP	46.0	-7.8	1.00 H	122	37.46	0.73
6	800.18	36.2 QP	46.0	-9.8	1.00 H	76	33.54	2.67
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	36.79	33.9 QP	40.0	-6.1	1.55 V	227	43.88	-9.96
2	175.50	28.1 QP	43.5	-15.4	1.00 V	164	37.27	-9.14
3	297.72	33.2 QP	46.0	-12.8	1.85 V	223	40.15	-6.93
4	426.73	35.9 QP	46.0	-10.1	2.20 V	207	40.03	-4.10
5	675.75	38.5 QP	46.0	-7.5	1.98 V	111	37.87	0.63
6	800.18	38.0 QP	46.0	-8.0	2.43 V	358	35.31	2.67

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

TEST FREQUENCY	881.0+1960.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	227.88	-63.9 QP	-13.0	-50.9	1.19 H	248	-52.83	-11.03
2	515.97	-57.7 QP	-13.0	-44.7	2.03 H	118	-55.36	-2.32
3	653.71	-53.2 QP	-13.0	-40.2	1.52 H	89	-53.51	0.27
4	699.30	-53.2 QP	-13.0	-40.2	1.77 H	236	-54.11	0.92
5	809.88	-52.7 QP	-13.0	-39.7	1.00 H	299	-55.52	2.85
6	966.05	-48.8 QP	-13.0	-35.8	1.00 H	308	-54.50	5.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	174.53	-65.2 QP	-13.0	-52.2	1.08 V	245	-56.19	-9.00
2	405.39	-60.8 QP	-13.0	-47.8	1.62 V	68	-56.06	-4.74
3	526.64	-58.2 QP	-13.0	-45.2	2.23 V	187	-56.10	-2.09
4	656.62	-55.2 QP	-13.0	-42.2	1.93 V	209	-55.52	0.30
5	818.61	-52.7 QP	-13.0	-39.7	2.65 V	223	-55.65	2.93
6	958.29	-49.2 QP	-13.0	-36.2	1.93 V	105	-54.85	5.63

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 2 (CBW: 20MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+1960.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	87.52	19.2 QP	40.0	-20.8	4.00 H	185	33.36	-14.12
2	177.35	24.8 QP	43.5	-18.7	4.00 H	111	34.13	-9.31
3	360.28	40.0 QP	46.0	-6.0	2.99 H	234	45.99	-5.97
4	625.11	40.0 QP	46.0	-6.0	1.48 H	152	39.95	0.04
5	680.35	37.9 QP	46.0	-8.1	1.26 H	100	37.25	0.67
6	800.01	37.1 QP	46.0	-9.0	1.00 H	332	34.39	2.66
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	37.25	34.0 QP	40.0	-6.0	1.44 V	308	43.87	-9.85
2	170.32	30.1 QP	43.5	-13.4	1.00 V	166	38.80	-8.69
3	300.17	32.6 QP	46.0	-13.4	1.58 V	30	39.39	-6.81
4	426.62	36.2 QP	46.0	-9.8	2.48 V	177	40.27	-4.10
5	679.83	35.9 QP	46.0	-10.1	2.63 V	58	35.21	0.67
6	799.99	36.6 QP	46.0	-9.4	2.93 V	298	33.92	2.66

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

TEST FREQUENCY	881.0+1960.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	167.74	-65.9 QP	-13.0	-52.9	1.43 H	167	-57.44	-8.48
2	227.88	-65.7 QP	-13.0	-52.7	1.05 H	152	-54.64	-11.03
3	446.13	-60.0 QP	-13.0	-47.0	2.20 H	188	-56.29	-3.75
4	653.71	-54.1 QP	-13.0	-41.1	1.83 H	169	-54.39	0.27
5	791.45	-53.0 QP	-13.0	-40.0	1.12 H	158	-55.53	2.51
6	967.02	-50.0 QP	-13.0	-37.0	1.00 H	30	-55.69	5.74
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	166.77	-64.3 QP	-13.0	-51.3	1.77 V	254	-55.77	-8.50
2	357.86	-60.9 QP	-13.0	-47.9	1.15 V	2	-54.90	-6.00
3	457.62	-58.8 QP	-13.0	-45.8	1.88 V	243	-55.22	-3.61
4	727.43	-53.6 QP	-13.0	-40.6	1.76 V	257	-55.07	1.47
5	824.43	-52.1 QP	-13.0	-39.1	2.60 V	118	-55.16	3.07
6	977.69	-48.3 QP	-13.0	-35.3	1.95 V	149	-54.20	5.93

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	85.23	20.9 QP	40.0	-19.2	4.00 H	195	34.82	-13.97
2	180.24	26.3 QP	43.5	-17.2	4.00 H	224	35.97	-9.64
3	360.96	38.9 QP	46.0	-7.1	2.99 H	208	44.86	-5.92
4	630.28	37.9 QP	46.0	-8.1	1.48 H	58	37.69	0.20
5	680.17	37.1 QP	46.0	-8.9	1.26 H	333	36.44	0.67
6	800.25	37.9 QP	46.0	-8.1	1.00 H	308	35.20	2.68
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	34.88	33.3 QP	40.0	-6.7	1.10 V	39	43.55	-10.27
2	148.96	29.8 QP	43.5	-13.7	1.00 V	187	38.34	-8.51
3	266.81	31.9 QP	46.0	-14.1	1.70 V	152	39.81	-7.94
4	430.55	35.8 QP	46.0	-10.2	2.08 V	285	39.74	-3.93
5	679.99	38.0 QP	46.0	-8.0	2.48 V	110	37.31	0.67
6	800.17	37.1 QP	46.0	-9.0	2.85 V	222	34.38	2.67

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

TEST FREQUENCY	881.0+2132.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	145.43	-65.9 QP	-13.0	-52.9	1.28 H	227	-57.19	-8.72
2	226.91	-64.7 QP	-13.0	-51.7	1.04 H	100	-53.62	-11.04
3	420.91	-59.7 QP	-13.0	-46.7	1.86 H	299	-55.32	-4.41
4	656.62	-53.1 QP	-13.0	-40.1	2.06 H	182	-53.40	0.30
5	770.11	-52.0 QP	-13.0	-39.0	1.04 H	162	-54.24	2.26
6	964.11	-48.7 QP	-13.0	-35.7	1.00 H	85	-54.40	5.73
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	176.47	-65.6 QP	-13.0	-52.6	1.27 V	224	-56.36	-9.25
2	288.02	-63.6 QP	-13.0	-50.6	1.38 V	241	-56.44	-7.20
3	527.61	-58.4 QP	-13.0	-45.4	1.00 V	198	-56.33	-2.07
4	754.59	-53.8 QP	-13.0	-40.8	2.48 V	105	-55.75	1.99
5	836.07	-52.2 QP	-13.0	-39.2	2.74 V	111	-55.37	3.22
6	966.05	-50.1 QP	-13.0	-37.1	2.09 V	209	-55.89	5.75

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2115.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	79.88	21.0 QP	40.0	-19.0	4.00 H	125	34.02	-13.03
2	172.41	26.0 QP	43.5	-17.5	4.00 H	288	34.82	-8.82
3	359.86	37.7 QP	46.0	-8.3	3.17 H	204	43.65	-5.99
4	630.97	36.9 QP	46.0	-9.2	1.65 H	228	36.65	0.20
5	680.86	38.2 QP	46.0	-7.8	1.26 H	227	37.55	0.67
6	800.05	37.0 QP	46.0	-9.0	1.00 H	284	34.36	2.66
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	36.21	34.6 QP	40.0	-5.4	1.25 V	118	44.69	-10.11
2	142.58	28.9 QP	43.5	-14.6	1.00 V	209	37.93	-8.99
3	270.58	29.9 QP	46.0	-16.1	1.55 V	193	37.62	-7.73
4	427.30	36.2 QP	46.0	-9.8	2.27 V	169	40.31	-4.07
5	679.84	38.1 QP	46.0	-8.0	2.53 V	237	37.38	0.67
6	799.95	38.0 QP	46.0	-8.0	2.95 V	348	35.36	2.66

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

TEST FREQUENCY	881.0+2115.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	163.84	-66.0 QP	-13.0	-53.0	1.58 H	269	-57.67	-8.37
2	226.91	-65.6 QP	-13.0	-52.6	1.76 H	124	-54.51	-11.04
3	539.25	-58.1 QP	-13.0	-45.1	1.55 H	14	-56.24	-1.82
4	658.56	-55.2 QP	-13.0	-42.2	1.88 H	165	-55.48	0.30
5	827.34	-52.5 QP	-13.0	-39.5	1.00 H	99	-55.63	3.10
6	960.23	-50.7 QP	-13.0	-37.7	1.00 H	293	-56.37	5.68
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	167.74	-65.1 QP	-13.0	-52.1	1.37 V	249	-56.59	-8.48
2	236.61	-64.8 QP	-13.0	-51.8	2.28 V	183	-54.91	-9.90
3	450.98	-59.3 QP	-13.0	-46.3	2.34 V	115	-55.60	-3.70
4	613.94	-55.4 QP	-13.0	-42.4	2.29 V	284	-55.07	-0.28
5	746.83	-52.5 QP	-13.0	-39.5	1.62 V	103	-54.39	1.90
6	968.96	-49.1 QP	-13.0	-36.1	2.00 V	320	-54.79	5.74

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2147.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	78.62	21.3 QP	40.0	-18.7	4.00 H	143	34.15	-12.86
2	180.26	27.1 QP	43.5	-16.4	4.00 H	301	36.77	-9.64
3	359.98	37.6 QP	46.0	-8.4	2.88 H	18	43.57	-5.99
4	620.39	37.1 QP	46.0	-8.9	1.34 H	224	37.22	-0.11
5	680.05	37.9 QP	46.0	-8.1	1.10 H	284	37.22	0.67
6	798.54	37.2 QP	46.0	-8.8	1.00 H	220	34.45	2.73
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	40.25	34.0 QP	40.0	-6.0	1.33 V	93	43.43	-9.46
2	137.86	29.4 QP	43.5	-14.1	1.00 V	230	38.80	-9.36
3	268.58	30.1 QP	46.0	-15.9	1.68 V	184	37.92	-7.84
4	422.81	36.5 QP	46.0	-9.5	2.03 V	27	40.81	-4.29
5	679.09	37.9 QP	46.0	-8.1	2.49 V	328	37.26	0.66
6	801.87	37.5 QP	46.0	-8.5	2.63 V	144	34.76	2.76

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

TEST FREQUENCY	881.0+2147.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	146.40	-64.9 QP	-13.0	-51.9	1.18 H	224	-56.25	-8.66
2	226.91	-64.5 QP	-13.0	-51.5	1.63 H	158	-53.44	-11.04
3	485.90	-58.1 QP	-13.0	-45.1	2.58 H	220	-55.09	-3.03
4	654.68	-53.2 QP	-13.0	-40.2	2.01 H	265	-53.44	0.28
5	761.38	-51.8 QP	-13.0	-38.8	1.32 H	87	-53.98	2.22
6	916.58	-49.1 QP	-13.0	-36.1	1.00 H	291	-53.81	4.71
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	157.07	-65.7 QP	-13.0	-52.7	1.58 V	179	-57.25	-8.49
2	381.14	-61.5 QP	-13.0	-48.5	2.46 V	120	-56.34	-5.15
3	510.15	-57.7 QP	-13.0	-44.7	2.05 V	119	-55.28	-2.42
4	594.54	-56.9 QP	-13.0	-43.9	2.03 V	300	-56.27	-0.59
5	776.90	-52.9 QP	-13.0	-39.9	2.71 V	260	-55.25	2.31
6	935.01	-50.2 QP	-13.0	-37.2	2.28 V	169	-55.22	5.04

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	74.23	22.4 QP	40.0	-17.6	4.00 H	158	33.98	-11.55
2	167.58	26.9 QP	43.5	-16.7	4.00 H	189	35.33	-8.48
3	360.25	35.4 QP	46.0	-10.6	2.88 H	231	41.40	-5.97
4	648.17	33.6 QP	46.0	-12.4	1.56 H	235	33.32	0.26
5	680.42	38.1 QP	46.0	-8.0	1.28 H	80	37.38	0.67
6	802.14	37.9 QP	46.0	-8.1	1.00 H	118	35.09	2.77
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	38.48	34.0 QP	40.0	-6.0	1.42 V	143	43.63	-9.61
2	143.85	30.5 QP	43.5	-13.0	1.00 V	208	39.32	-8.80
3	269.23	32.6 QP	46.0	-13.4	2.07 V	192	40.38	-7.80
4	430.58	37.2 QP	46.0	-8.9	2.37 V	76	41.08	-3.93
5	653.29	36.3 QP	46.0	-9.7	2.78 V	355	36.01	0.27
6	800.02	38.0 QP	46.0	-8.0	2.44 V	151	35.36	2.66

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

TEST FREQUENCY	881.0+2132.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	163.86	-66.2 QP	-13.0	-53.2	1.63 H	213	-57.80	-8.37
2	299.66	-63.4 QP	-13.0	-50.4	3.08 H	226	-56.56	-6.83
3	475.23	-59.4 QP	-13.0	-46.4	1.51 H	173	-56.12	-3.26
4	652.74	-55.7 QP	-13.0	-42.7	1.35 H	209	-55.95	0.28
5	766.23	-52.8 QP	-13.0	-39.8	2.07 H	110	-55.13	2.30
6	949.56	-50.2 QP	-13.0	-37.2	1.00 H	88	-55.70	5.48
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	155.13	-65.3 QP	-13.0	-52.3	1.82 V	273	-56.82	-8.52
2	282.20	-63.5 QP	-13.0	-50.5	1.14 V	156	-56.16	-7.29
3	520.82	-57.6 QP	-13.0	-44.6	1.65 V	109	-55.41	-2.21
4	636.25	-55.5 QP	-13.0	-42.5	2.38 V	117	-55.67	0.19
5	796.30	-51.9 QP	-13.0	-38.9	2.40 V	308	-54.49	2.64
6	985.45	-48.2 QP	-13.0	-35.2	2.11 V	174	-54.08	5.89

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+731.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	69.83	23.6 QP	40.0	-16.4	4.00 H	229	33.83	-10.25
2	177.03	27.1 QP	43.5	-16.4	4.00 H	204	36.39	-9.29
3	358.59	36.3 QP	46.0	-9.7	2.94 H	199	42.27	-6.00
4	652.80	33.0 QP	46.0	-13.0	1.86 H	277	32.68	0.28
5	689.13	37.6 QP	46.0	-8.4	1.25 H	168	36.79	0.79
6	800.02	37.9 QP	46.0	-8.1	1.00 H	197	35.23	2.66
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	35.29	33.2 QP	40.0	-6.8	1.22 V	244	43.44	-10.23
2	149.64	31.1 QP	43.5	-12.4	1.00 V	318	39.58	-8.50
3	273.96	31.9 QP	46.0	-14.1	1.62 V	89	39.41	-7.52
4	422.27	35.9 QP	46.0	-10.1	2.12 V	285	40.20	-4.32
5	659.98	36.5 QP	46.0	-9.5	3.07 V	200	36.20	0.28
6	798.92	37.5 QP	46.0	-8.5	2.98 V	173	34.81	2.71

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

TEST FREQUENCY	881.0+731.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	138.64	-66.6 QP	-13.0	-53.6	3.20 H	62	-57.32	-9.28
2	227.88	-65.7 QP	-13.0	-52.7	2.75 H	49	-54.64	-11.03
3	402.48	-61.7 QP	-13.0	-48.7	2.15 H	196	-56.89	-4.78
4	653.71	-54.1 QP	-13.0	-41.1	1.25 H	355	-54.39	0.27
5	849.65	-51.2 QP	-13.0	-38.2	1.00 H	267	-54.46	3.22
6	932.10	-50.1 QP	-13.0	-37.1	1.00 H	258	-55.14	5.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	35.82	-66.7 QP	-13.0	-53.7	1.89 V	126	-56.52	-10.19
2	168.71	-65.5 QP	-13.0	-52.5	1.35 V	208	-56.98	-8.55
3	276.38	-65.1 QP	-13.0	-52.1	2.20 V	295	-57.70	-7.41
4	524.70	-59.2 QP	-13.0	-46.2	2.43 V	301	-57.07	-2.13
5	789.51	-54.0 QP	-13.0	-41.0	2.71 V	58	-56.44	2.48
6	959.26	-50.2 QP	-13.0	-37.2	1.96 V	228	-55.80	5.65

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 5 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	881.0+740.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	70.11	24.0 QP	40.0	-16.0	4.00 H	208	34.32	-10.29
2	182.07	26.4 QP	43.5	-17.1	4.00 H	173	36.33	-9.92
3	360.25	35.9 QP	46.0	-10.1	3.17 H	229	41.86	-5.97
4	660.18	33.1 QP	46.0	-13.0	2.00 H	93	32.77	0.28
5	680.45	38.1 QP	46.0	-8.0	1.71 H	113	37.38	0.67
6	800.10	37.1 QP	46.0	-8.9	1.00 H	156	34.42	2.67
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	30.94	32.9 QP	40.0	-7.1	1.05 V	200	43.47	-10.61
2	138.00	32.1 QP	43.5	-11.4	1.00 V	234	41.45	-9.34
3	279.05	31.0 QP	46.0	-15.0	1.33 V	185	38.31	-7.32
4	444.35	35.1 QP	46.0	-10.9	2.41 V	275	38.85	-3.76
5	673.17	36.2 QP	46.0	-9.9	3.22 V	139	35.54	0.61
6	799.95	37.2 QP	46.0	-8.8	2.76 V	224	34.50	2.66

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

TEST FREQUENCY	881.0+740.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	167.74	-65.9 QP	-13.0	-52.9	2.86 H	174	-57.44	-8.48
2	433.52	-60.9 QP	-13.0	-47.9	2.45 H	116	-57.02	-3.86
3	521.79	-58.9 QP	-13.0	-45.9	1.68 H	193	-56.72	-2.19
4	722.58	-54.7 QP	-13.0	-41.7	1.14 H	85	-56.03	1.29
5	791.45	-53.0 QP	-13.0	-40.0	1.00 H	269	-55.53	2.51
6	967.02	-50.0 QP	-13.0	-37.0	1.00 H	300	-55.69	5.74
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	162.89	-66.7 QP	-13.0	-53.7	1.25 V	288	-58.26	-8.45
2	227.88	-65.7 QP	-13.0	-52.7	1.86 V	236	-54.64	-11.03
3	367.56	-63.2 QP	-13.0	-50.2	2.03 V	152	-57.63	-5.58
4	483.96	-59.6 QP	-13.0	-46.6	2.63 V	342	-56.54	-3.08
5	653.71	-54.1 QP	-13.0	-41.1	2.49 V	28	-54.39	0.27
6	791.45	-53.0 QP	-13.0	-40.0	2.67 V	224	-55.53	2.51

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 2 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	62.11	25.1 QP	40.0	-14.9	4.00 H	221	34.84	-9.75
2	181.87	27.7 QP	43.5	-15.9	4.00 H	189	37.54	-9.89
3	360.68	36.2 QP	46.0	-9.8	3.00 H	347	42.14	-5.94
4	670.42	32.9 QP	46.0	-13.1	2.18 H	190	32.31	0.57
5	680.71	37.9 QP	46.0	-8.1	1.34 H	101	37.21	0.67
6	800.19	37.6 QP	46.0	-8.4	1.00 H	66	34.91	2.67
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	33.58	33.1 QP	40.0	-6.9	1.20 V	119	43.51	-10.43
2	142.63	31.9 QP	43.5	-11.6	1.00 V	188	40.91	-8.98
3	240.75	31.6 QP	46.0	-14.4	1.58 V	265	41.04	-9.48
4	453.98	35.9 QP	46.0	-10.1	2.88 V	109	39.57	-3.69
5	683.07	36.6 QP	46.0	-9.4	3.10 V	65	35.87	0.71
6	799.99	37.9 QP	46.0	-8.1	2.89 V	304	35.20	2.66

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

TEST FREQUENCY	1960.0+2132.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	151.27	-68.4 QP	-13.0	-55.4	2.28 H	176	-59.90	-8.46
2	325.85	-64.3 QP	-13.0	-51.3	2.49 H	256	-58.10	-6.22
3	471.32	-62.4 QP	-13.0	-49.4	1.87 H	181	-59.08	-3.34
4	683.78	-56.5 QP	-13.0	-43.5	1.69 H	243	-57.23	0.73
5	870.02	-52.8 QP	-13.0	-39.8	1.07 H	74	-56.42	3.63
6	953.44	-52.7 QP	-13.0	-39.7	1.50 H	302	-58.23	5.56
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	159.98	-67.0 QP	-13.0	-54.0	1.28 V	257	-58.58	-8.46
2	414.12	-61.6 QP	-13.0	-48.6	1.63 V	229	-57.03	-4.59
3	513.06	-60.3 QP	-13.0	-47.3	1.84 V	107	-57.99	-2.35
4	681.84	-56.8 QP	-13.0	-43.8	1.95 V	206	-57.48	0.69
5	779.81	-55.3 QP	-13.0	-42.3	3.01 V	173	-57.85	2.51
6	961.20	-52.4 QP	-13.0	-39.4	2.85 V	114	-58.15	5.71

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 2 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2115.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	68.77	25.9 QP	40.0	-14.1	4.00 H	358	36.23	-10.35
2	173.25	27.2 QP	43.5	-16.3	4.00 H	118	36.03	-8.87
3	359.84	36.9 QP	46.0	-9.1	3.34 H	273	42.86	-5.99
4	602.42	32.0 QP	46.0	-14.0	2.30 H	174	32.49	-0.51
5	680.20	38.0 QP	46.0	-8.0	1.46 H	163	37.37	0.67
6	799.93	37.6 QP	46.0	-8.4	1.00 H	111	34.93	2.67
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	36.18	34.2 QP	40.0	-5.8	1.42 V	193	44.29	-10.12
2	158.32	32.9 QP	43.5	-10.6	1.38 V	186	41.31	-8.43
3	254.88	32.1 QP	46.0	-13.9	1.00 V	277	40.72	-8.64
4	458.94	36.8 QP	46.0	-9.2	2.83 V	209	40.37	-3.60
5	680.26	38.0 QP	46.0	-8.1	2.90 V	146	37.28	0.67
6	799.99	38.7 QP	46.0	-7.3	2.77 V	205	36.08	2.66

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

TEST FREQUENCY	1960.0+2115.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	62.98	-64.8 QP	-13.0	-51.8	2.75 H	223	-55.15	-9.67
2	151.25	-63.3 QP	-13.0	-50.3	1.47 H	196	-54.85	-8.47
3	414.12	-62.1 QP	-13.0	-49.1	2.05 H	355	-57.48	-4.59
4	615.88	-58.5 QP	-13.0	-45.5	2.37 H	162	-58.23	-0.23
5	784.66	-53.4 QP	-13.0	-40.4	1.24 H	163	-55.91	2.51
6	979.63	-50.5 QP	-13.0	-37.5	1.17 H	26	-56.50	5.96
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	49.40	-68.3 QP	-13.0	-55.3	1.42 V	227	-59.57	-8.74
2	152.22	-67.8 QP	-13.0	-54.8	1.00 V	109	-59.39	-8.44
3	353.98	-63.0 QP	-13.0	-50.0	1.08 V	293	-56.93	-6.09
4	697.36	-56.0 QP	-13.0	-43.0	2.56 V	175	-56.87	0.90
5	845.77	-52.8 QP	-13.0	-39.8	1.98 V	224	-56.02	3.18
6	947.62	-52.6 QP	-13.0	-39.6	1.62 V	52	-58.00	5.39

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 2 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2147.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	64.85	26.9 QP	40.0	-13.2	4.00 H	238	36.61	-9.76
2	170.12	26.6 QP	43.5	-16.9	4.00 H	143	35.25	-8.67
3	359.98	35.7 QP	46.0	-10.3	2.75 H	203	41.66	-5.99
4	602.42	32.9 QP	46.0	-13.2	1.67 H	122	33.36	-0.51
5	680.03	38.0 QP	46.0	-8.0	1.50 H	152	37.32	0.67
6	799.96	38.6 QP	46.0	-7.4	1.00 H	106	35.91	2.66
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	34.88	33.9 QP	40.0	-6.2	1.52 V	208	44.12	-10.27
2	152.71	31.9 QP	43.5	-11.6	1.00 V	173	40.37	-8.44
3	269.80	31.1 QP	46.0	-14.9	1.00 V	302	38.85	-7.77
4	470.69	36.0 QP	46.0	-10.0	2.34 V	7	39.34	-3.36
5	680.26	38.0 QP	46.0	-8.0	2.49 V	185	37.37	0.67
6	810.14	38.1 QP	46.0	-8.0	2.56 V	311	35.20	2.85

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

TEST FREQUENCY	1960.0+2147.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	61.04	-68.8 QP	-13.0	-55.8	2.48 H	155	-59.36	-9.40
2	163.86	-68.1 QP	-13.0	-55.1	2.29 H	106	-59.69	-8.37
3	539.25	-59.5 QP	-13.0	-46.5	1.66 H	143	-57.69	-1.82
4	817.64	-53.6 QP	-13.0	-40.6	1.95 H	224	-56.50	2.91
5	907.85	-52.4 QP	-13.0	-39.4	1.00 H	11	-56.88	4.44
6	972.84	-51.2 QP	-13.0	-38.2	1.00 H	264	-56.99	5.82
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	163.86	-67.2 QP	-13.0	-54.2	1.85 V	224	-58.83	-8.37
2	465.53	-61.0 QP	-13.0	-48.0	2.08 V	163	-57.62	-3.42
3	577.08	-58.8 QP	-13.0	-45.8	2.55 V	142	-57.69	-1.09
4	649.83	-56.6 QP	-13.0	-43.6	2.96 V	174	-56.87	0.28
5	773.99	-54.8 QP	-13.0	-41.8	1.93 V	51	-57.07	2.29
6	896.21	-52.1 QP	-13.0	-39.1	1.90 V	188	-55.95	3.89

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 2 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+2132.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	72.34	27.0 QP	40.0	-13.0	4.00 H	195	38.35	-11.31
2	168.43	26.0 QP	43.5	-17.5	4.00 H	153	34.51	-8.52
3	359.79	35.0 QP	46.0	-11.0	3.02 H	191	40.97	-5.99
4	602.89	33.3 QP	46.0	-12.7	1.53 H	136	33.77	-0.49
5	680.14	38.4 QP	46.0	-7.6	1.14 H	103	37.74	0.67
6	799.99	38.9 QP	46.0	-7.2	1.00 H	37	36.19	2.66
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	42.85	32.9 QP	40.0	-7.2	1.58 V	119	41.95	-9.10
2	172.69	31.0 QP	43.5	-12.6	1.00 V	182	39.80	-8.85
3	277.20	32.1 QP	46.0	-13.9	1.00 V	273	39.49	-7.38
4	480.13	36.9 QP	46.0	-9.2	1.86 V	224	40.01	-3.16
5	679.94	40.2 QP	46.0	-5.8	2.63 V	107	39.52	0.67
6	802.36	39.9 QP	46.0	-6.1	3.07 V	186	37.10	2.77

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

TEST FREQUENCY	1960.0+2132.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	60.07	-68.7 QP	-13.0	-55.7	2.45 H	121	-59.62	-9.03
2	164.83	-67.4 QP	-13.0	-54.4	2.74 H	129	-58.96	-8.43
3	437.40	-62.3 QP	-13.0	-49.3	1.54 H	220	-58.41	-3.85
4	539.25	-58.4 QP	-13.0	-45.4	1.63 H	108	-56.55	-1.82
5	801.15	-54.1 QP	-13.0	-41.1	1.00 H	305	-56.86	2.72
6	905.91	-51.4 QP	-13.0	-38.4	1.00 H	146	-55.75	4.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	37.76	-67.3 QP	-13.0	-54.3	1.28 V	100	-57.60	-9.71
2	152.22	-68.0 QP	-13.0	-55.0	1.00 V	274	-59.55	-8.44
3	402.48	-62.8 QP	-13.0	-49.8	1.03 V	251	-58.06	-4.78
4	692.51	-57.5 QP	-13.0	-44.5	2.37 V	304	-58.33	0.82
5	859.35	-52.1 QP	-13.0	-39.1	1.99 V	224	-55.53	3.42
6	979.63	-51.6 QP	-13.0	-38.6	2.11 V	195	-57.57	5.96

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 2 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+731.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	57.99	28.2 QP	40.0	-11.8	4.00 H	184	37.14	-8.98
2	183.05	26.8 QP	43.5	-16.7	4.00 H	106	36.80	-9.99
3	261.55	34.8 QP	46.0	-11.2	3.41 H	285	43.00	-8.18
4	610.63	34.9 QP	46.0	-11.2	1.44 H	230	35.17	-0.32
5	680.08	38.7 QP	46.0	-7.4	1.29 H	76	37.98	0.67
6	799.99	38.2 QP	46.0	-7.8	1.00 H	305	35.53	2.66
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	45.85	33.1 QP	40.0	-7.0	1.62 V	138	42.08	-9.03
2	163.33	31.1 QP	43.5	-12.5	1.00 V	177	39.46	-8.41
3	248.96	31.7 QP	46.0	-14.3	1.00 V	63	40.75	-9.02
4	472.63	35.8 QP	46.0	-10.2	2.11 V	209	39.11	-3.32
5	681.12	39.6 QP	46.0	-6.4	2.53 V	182	38.91	0.67
6	798.99	38.7 QP	46.0	-7.3	2.86 V	300	36.01	2.71

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

TEST FREQUENCY	1960.0+731.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	163.86	-66.6 QP	-13.0	-53.6	2.48 H	111	-58.25	-8.37
2	323.91	-63.4 QP	-13.0	-50.4	2.38 H	110	-57.13	-6.22
3	497.54	-58.3 QP	-13.0	-45.3	2.37 H	159	-55.53	-2.76
4	609.09	-58.2 QP	-13.0	-45.2	1.38 H	254	-57.81	-0.35
5	802.12	-53.9 QP	-13.0	-40.9	1.00 H	108	-56.69	2.77
6	876.81	-51.2 QP	-13.0	-38.2	1.00 H	207	-54.82	3.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	157.07	-65.6 QP	-13.0	-52.6	1.13 V	247	-57.09	-8.49
2	400.54	-61.5 QP	-13.0	-48.5	2.52 V	221	-56.77	-4.77
3	489.78	-60.0 QP	-13.0	-47.0	2.43 V	193	-56.95	-3.00
4	750.71	-53.2 QP	-13.0	-40.2	2.36 V	179	-55.12	1.90
5	816.67	-52.2 QP	-13.0	-39.2	2.43 V	22	-55.06	2.89
6	897.18	-50.7 QP	-13.0	-37.7	2.43 V	158	-54.62	3.94

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

WCDMA Band 2 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	1960.0+740.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	63.58	22.6 QP	40.0	-17.4	4.00 H	237	32.18	-9.61
2	190.32	27.1 QP	43.5	-16.4	4.00 H	208	37.92	-10.81
3	265.81	34.6 QP	46.0	-11.4	3.62 H	248	42.60	-7.99
4	610.63	33.9 QP	46.0	-12.1	2.07 H	183	34.24	-0.32
5	679.88	38.9 QP	46.0	-7.1	1.82 H	96	38.24	0.67
6	799.83	39.7 QP	46.0	-6.3	1.00 H	186	37.05	2.67
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	43.22	32.9 QP	40.0	-7.1	1.43 V	176	41.91	-9.04
2	158.97	32.1 QP	43.5	-11.4	1.00 V	165	40.50	-8.43
3	233.98	32.1 QP	46.0	-13.9	1.00 V	122	42.39	-10.32
4	480.63	36.1 QP	46.0	-10.0	2.10 V	243	39.19	-3.14
5	680.17	39.1 QP	46.0	-7.0	2.60 V	315	38.38	0.67
6	799.99	38.9 QP	46.0	-7.1	2.74 V	279	36.24	2.66

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

TEST FREQUENCY	1960.0+740.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	172.59	-65.6 QP	-13.0	-52.6	3.02 H	225	-56.75	-8.84
2	281.23	-64.0 QP	-13.0	-51.0	2.84 H	117	-56.74	-7.29
3	381.14	-61.3 QP	-13.0	-48.3	2.80 H	166	-56.18	-5.15
4	515.97	-57.8 QP	-13.0	-44.8	1.62 H	147	-55.48	-2.32
5	740.04	-52.5 QP	-13.0	-39.5	1.06 H	155	-54.25	1.78
6	931.13	-49.3 QP	-13.0	-36.3	1.00 H	89	-54.30	5.04
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	170.65	-65.9 QP	-13.0	-52.9	1.83 V	227	-57.15	-8.70
2	353.01	-63.7 QP	-13.0	-50.7	2.06 V	155	-57.65	-6.09
3	507.24	-59.6 QP	-13.0	-46.6	2.29 V	201	-57.15	-2.45
4	606.18	-57.0 QP	-13.0	-44.0	2.49 V	170	-56.60	-0.41
5	779.81	-53.3 QP	-13.0	-40.3	2.96 V	12	-55.83	2.51
6	877.78	-51.5 QP	-13.0	-38.5	2.33 V	200	-55.07	3.62

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

LTE Band 4 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	2132.5+731.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	62.85	23.6 QP	40.0	-16.4	4.00 H	196	33.26	-9.68
2	156.96	26.7 QP	43.5	-16.8	4.00 H	188	35.23	-8.49
3	266.13	33.9 QP	46.0	-12.2	3.88 H	271	41.82	-7.97
4	598.17	34.5 QP	46.0	-11.5	2.02 H	74	35.06	-0.59
5	680.34	38.2 QP	46.0	-7.8	1.83 H	226	37.54	0.67
6	830.61	39.0 QP	46.0	-7.0	1.00 H	152	35.87	3.13
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	50.17	32.6 QP	40.0	-7.5	1.25 V	89	41.30	-8.75
2	113.58	31.9 QP	43.5	-11.6	1.00 V	182	43.68	-11.81
3	240.69	30.5 QP	46.0	-15.5	1.00 V	47	39.96	-9.48
4	500.17	37.2 QP	46.0	-8.8	2.44 V	126	39.82	-2.65
5	682.43	39.0 QP	46.0	-7.0	2.53 V	265	38.29	0.70
6	803.15	38.6 QP	46.0	-7.4	1.98 V	272	35.79	2.78

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

TEST FREQUENCY	2132.5+731.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	157.07	-65.7 QP	-13.0	-52.7	2.48 H	112	-57.17	-8.49
2	390.84	-60.8 QP	-13.0	-47.8	2.48 H	100	-55.77	-5.01
3	529.55	-57.1 QP	-13.0	-44.1	1.93 H	287	-54.99	-2.06
4	735.19	-52.6 QP	-13.0	-39.6	1.16 H	203	-54.22	1.66
5	842.86	-51.0 QP	-13.0	-38.0	1.05 H	300	-54.19	3.21
6	956.35	-48.8 QP	-13.0	-35.8	1.00 H	125	-54.42	5.62
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	140.58	-66.9 QP	-13.0	-53.9	1.53 V	84	-57.77	-9.14
2	324.88	-63.1 QP	-13.0	-50.1	1.23 V	247	-56.91	-6.22
3	537.31	-58.4 QP	-13.0	-45.4	2.37 V	186	-56.47	-1.88
4	645.95	-56.5 QP	-13.0	-43.5	2.63 V	132	-56.77	0.24
5	881.66	-51.4 QP	-13.0	-38.4	2.90 V	118	-55.05	3.66
6	982.54	-49.8 QP	-13.0	-36.8	1.98 V	298	-55.72	5.93

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

LTE Band 4 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	2115.0+740.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	79.28	24.2 QP	40.0	-15.8	4.00 H	227	37.11	-12.94
2	168.14	27.2 QP	43.5	-16.4	4.00 H	98	35.64	-8.49
3	273.35	31.6 QP	46.0	-14.4	3.71 H	165	39.15	-7.56
4	600.12	34.8 QP	46.0	-11.2	1.95 H	166	35.35	-0.54
5	680.49	38.7 QP	46.0	-7.4	1.40 H	273	37.98	0.67
6	802.17	38.1 QP	46.0	-7.9	1.00 H	175	35.37	2.77
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	39.27	33.9 QP	40.0	-6.1	1.37 V	20	43.40	-9.54
2	124.84	31.6 QP	43.5	-11.9	1.00 V	196	42.11	-10.53
3	223.96	31.6 QP	46.0	-14.4	1.00 V	235	42.64	-11.05
4	473.65	36.9 QP	46.0	-9.1	2.75 V	166	40.24	-3.30
5	679.84	38.5 QP	46.0	-7.5	2.62 V	307	37.85	0.67
6	798.52	36.9 QP	46.0	-9.1	1.86 V	200	34.14	2.73

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

TEST FREQUENCY	2115.0+740.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	157.07	-65.9 QP	-13.0	-52.9	2.89 H	124	-57.38	-8.49
2	321.07	-63.6 QP	-13.0	-50.6	2.27 H	205	-57.27	-6.28
3	508.21	-59.4 QP	-13.0	-46.4	1.48 H	188	-57.00	-2.43
4	638.19	-55.3 QP	-13.0	-42.3	2.38 H	179	-55.44	0.17
5	786.60	-53.2 QP	-13.0	-40.2	1.10 H	309	-55.73	2.49
6	968.96	-50.6 QP	-13.0	-37.6	2.06 H	184	-56.38	5.74
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	153.19	-65.5 QP	-13.0	-52.5	1.15 V	295	-57.05	-8.45
2	385.99	-61.0 QP	-13.0	-48.0	2.01 V	75	-55.92	-5.10
3	449.04	-59.7 QP	-13.0	-46.7	2.44 V	132	-55.96	-3.71
4	618.79	-56.2 QP	-13.0	-43.2	2.44 V	295	-56.01	-0.15
5	774.96	-52.3 QP	-13.0	-39.3	2.38 V	109	-54.54	2.23
6	953.44	-49.0 QP	-13.0	-36.0	1.99 V	102	-54.57	5.56

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

LTE Band 2 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

TEST FREQUENCY	1987.5+731.5+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	84.52	25.2 QP	40.0	-14.8	4.00 H	192	39.10	-13.87
2	159.61	27.7 QP	43.5	-15.8	4.00 H	224	36.13	-8.45
3	243.85	32.0 QP	46.0	-14.0	3.66 H	106	41.31	-9.29
4	600.10	35.0 QP	46.0	-11.0	2.04 H	107	35.58	-0.54
5	680.87	38.7 QP	46.0	-7.3	1.78 H	24	38.03	0.67
6	799.65	38.6 QP	46.0	-7.4	1.00 H	166	35.88	2.68
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	34.51	32.9 QP	40.0	-7.1	1.60 V	111	43.16	-10.30
2	147.55	32.1 QP	43.5	-11.5	1.00 V	203	40.62	-8.57
3	242.63	30.1 QP	46.0	-15.9	1.00 V	225	39.45	-9.35
4	480.28	36.6 QP	46.0	-9.5	1.84 V	59	39.70	-3.15
5	682.09	37.3 QP	46.0	-8.8	2.58 V	30	36.56	0.69
6	805.50	38.2 QP	46.0	-7.8	1.99 V	243	35.46	2.78

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

TEST FREQUENCY	1987.5+731.5+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	163.86	-66.1 QP	-13.0	-53.1	2.87 H	254	-57.69	-8.37
2	336.52	-62.9 QP	-13.0	-49.9	2.63 H	177	-56.76	-6.12
3	395.69	-61.1 QP	-13.0	-48.1	2.59 H	200	-56.25	-4.89
4	591.63	-56.9 QP	-13.0	-43.9	1.95 H	113	-56.29	-0.59
5	846.74	-53.0 QP	-13.0	-40.0	1.00 H	172	-56.16	3.19
6	922.40	-50.0 QP	-13.0	-37.0	1.00 H	86	-54.87	4.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	165.80	-64.6 QP	-13.0	-51.6	1.25 V	162	-56.08	-8.51
2	387.93	-60.5 QP	-13.0	-47.5	2.83 V	179	-55.42	-5.05
3	501.42	-57.7 QP	-13.0	-44.7	2.24 V	228	-55.12	-2.60
4	646.92	-55.7 QP	-13.0	-42.7	2.40 V	209	-55.92	0.25
5	860.32	-51.0 QP	-13.0	-38.0	2.31 V	57	-54.38	3.43
6	920.46	-49.5 QP	-13.0	-36.5	1.92 V	165	-54.38	4.85

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

LTE Band 2 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

TEST FREQUENCY	1985.0+740.0+2412+5785	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	76.58	24.9 QP	40.0	-15.1	4.00 H	185	37.09	-12.16
2	160.22	27.2 QP	43.5	-16.3	4.00 H	243	35.63	-8.47
3	248.43	32.0 QP	46.0	-14.0	3.42 H	177	41.04	-9.06
4	598.89	35.3 QP	46.0	-10.7	2.24 H	126	35.83	-0.57
5	680.62	38.2 QP	46.0	-7.8	1.43 H	118	37.55	0.67
6	800.01	39.0 QP	46.0	-7.0	1.00 H	134	36.38	2.66
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	36.85	31.8 QP	40.0	-8.2	1.52 V	186	41.72	-9.95
2	158.26	31.8 QP	43.5	-11.7	1.03 V	134	40.22	-8.43
3	258.58	31.6 QP	46.0	-14.5	1.00 V	111	39.88	-8.33
4	480.60	36.0 QP	46.0	-10.0	1.73 V	162	39.12	-3.14
5	682.09	38.5 QP	46.0	-7.5	2.41 V	165	37.82	0.69
6	800.16	38.0 QP	46.0	-8.0	2.32 V	334	35.36	2.67

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

TEST FREQUENCY	1985.0+740.0+2412+5785	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	158.04	-65.3 QP	-13.0	-52.3	2.56 H	116	-56.91	-8.42
2	371.44	-61.3 QP	-13.0	-48.3	2.99 H	231	-55.82	-5.43
3	515.00	-57.8 QP	-13.0	-44.8	2.45 H	203	-55.42	-2.34
4	651.77	-54.5 QP	-13.0	-41.5	1.48 H	170	-54.75	0.28
5	884.57	-51.0 QP	-13.0	-38.0	1.00 H	7	-54.63	3.62
6	973.81	-49.0 QP	-13.0	-36.0	1.00 H	155	-54.78	5.83
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBm)	LIMIT (dBm)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBm)	CORRECTION FACTOR (dB)
1	160.95	-66.5 QP	-13.0	-53.5	1.12 V	225	-58.04	-8.48
2	298.69	-63.5 QP	-13.0	-50.5	1.58 V	116	-56.62	-6.88
3	467.47	-60.4 QP	-13.0	-47.4	2.06 V	339	-56.97	-3.40
4	621.70	-56.4 QP	-13.0	-43.4	2.37 V	186	-56.35	-0.09
5	845.77	-52.5 QP	-13.0	-39.5	2.65 V	30	-55.68	3.18
6	930.16	-50.9 QP	-13.0	-37.9	2.06 V	222	-55.85	5.00

REMARKS:

1. Emission Level(dBm) = Raw Value(dBm) + Correction Factor(dB)
2. Correction Factor(dB) = Antenna Factor(dB) + 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

4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
ROHDE & SCHWARZ TEST RECEIVER	ESCS 30	100276	Apr. 01, 2015	Mar. 31, 2016
ROHDE & SCHWARZ Artificial Mains Network (for EUT)	ENV216	101197	Apr. 27, 2015	Apr. 26, 2016
LISN With Adapter (for EUT)	AD10	C10Ada-002	Apr. 27, 2015	Apr. 26, 2016
ROHDE & SCHWARZ Artificial Mains Network (for peripherals)	ESH3-Z5	100218	Nov. 25, 2014	Nov. 24, 2015
SCHWARZBECK Artificial Mains Network (For EUT)	NNLK8129	8129229	May 06, 2015	May 05, 2016
Software	Cond_V7.3.7	NA	NA	NA
RF cable (JYEBAO) With 10dB PAD	5D-FB	Cable-C10.01	Feb. 17, 2015	Feb. 16, 2016
SUHNER Terminator (For ROHDE & SCHWARZ LISN)	65BNC-5001	E1-011484	May 19, 2015	May 18, 2016
ROHDE & SCHWARZ Artificial Mains Network (For TV EUT)	ESH3-Z5	100220	Nov. 20, 2014	Nov. 19, 2015
LISN With Adapter (for TV EUT)	100220	N/A	Nov. 20, 2014	Nov. 19, 2015

Notes: 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 Shielded Room No. 10.
3. The VCCI Site Registration No. C-1852.

4.2.3 Test Procedure

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

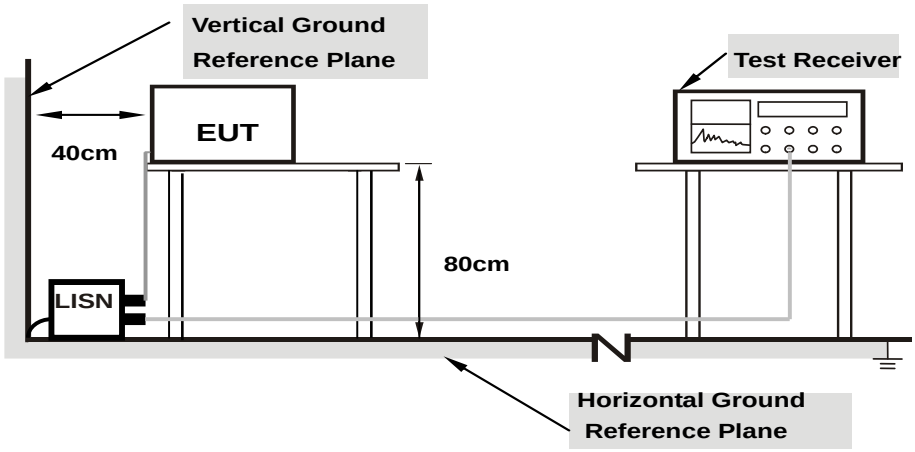
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

4.2.7 Test Results

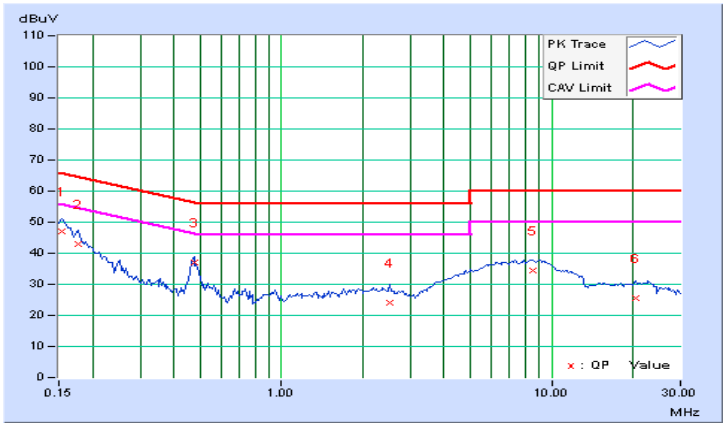
WCDMA Band 5 +LTE Band 2 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.67	37.31	26.31	46.98	35.98	65.79	55.79	-18.81	-19.81
2	0.17734	9.67	33.46	22.23	43.13	31.90	64.61	54.61	-21.48	-22.71
3	0.47410	9.67	27.54	23.70	37.21	33.37	56.44	46.44	-19.23	-13.07
4	2.50781	9.73	14.50	7.78	24.23	17.51	56.00	46.00	-31.77	-28.49
5	8.51173	9.85	24.52	19.27	34.37	29.12	60.00	50.00	-25.63	-20.88
6	20.41406	9.91	15.63	11.23	25.54	21.14	60.00	50.00	-34.46	-28.86

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

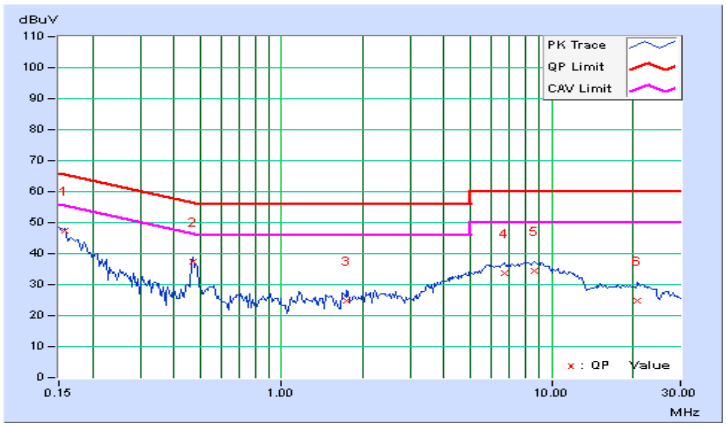


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.70	37.76	26.23	47.46	35.93	65.58	55.58	-18.12	-19.65
2	0.47031	9.71	27.62	25.25	37.33	34.96	56.51	46.51	-19.18	-11.55
3	1.75000	9.74	15.11	8.94	24.85	18.68	56.00	46.00	-31.15	-27.32
4	6.69141	9.85	24.01	18.35	33.86	28.20	60.00	50.00	-26.14	-21.80
5	8.63281	9.89	24.49	19.39	34.38	29.28	60.00	50.00	-25.62	-20.72
6	20.85547	10.00	14.89	10.20	24.89	20.20	60.00	50.00	-35.11	-29.80

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



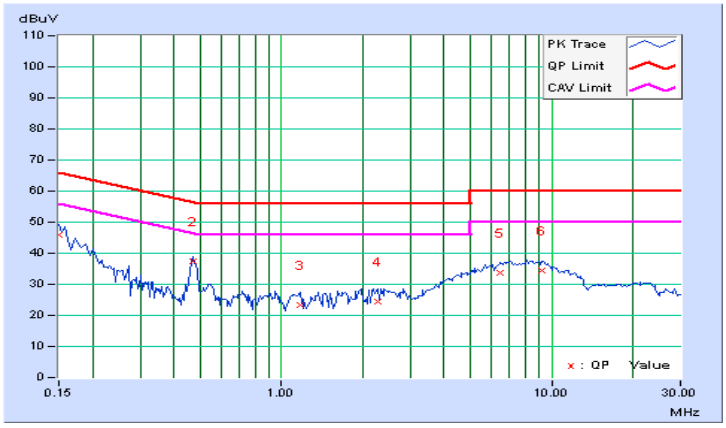
WCDMA Band 5 +LTE Band 2 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15001	9.67	36.21	24.14	45.88	33.81	66.00	56.00	-20.12	-22.19
2	0.47031	9.67	27.82	25.45	37.49	35.12	56.51	46.51	-19.01	-11.38
3	1.16797	9.70	13.77	5.62	23.47	15.32	56.00	46.00	-32.53	-30.68
4	2.28906	9.73	14.61	7.91	24.34	17.64	56.00	46.00	-31.66	-28.36
5	6.46094	9.81	23.95	18.31	33.76	28.12	60.00	50.00	-26.24	-21.88
6	9.26172	9.86	24.40	19.38	34.26	29.24	60.00	50.00	-25.74	-20.76

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

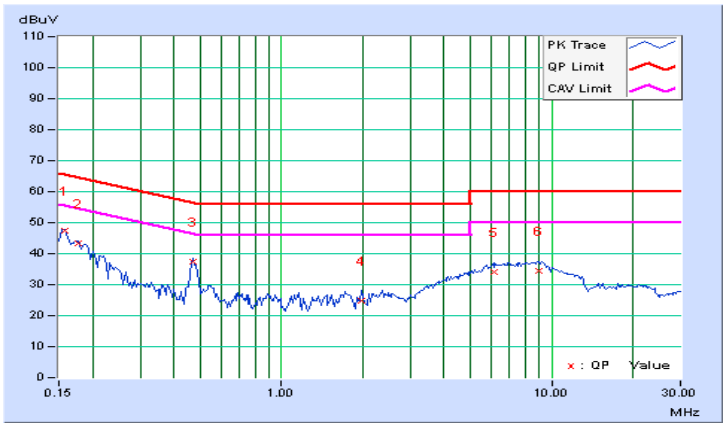


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.70	37.66	26.15	47.36	35.85	65.58	55.58	-18.22	-19.73
2	0.17734	9.71	33.59	22.20	43.30	31.91	64.61	54.61	-21.31	-22.70
3	0.47031	9.71	27.72	25.35	37.43	35.06	56.51	46.51	-19.08	-11.45
4	1.98438	9.75	15.13	7.43	24.88	17.18	56.00	46.00	-31.12	-28.82
5	6.10547	9.85	24.20	17.91	34.05	27.76	60.00	50.00	-25.95	-22.24
6	8.98438	9.89	24.55	19.19	34.44	29.08	60.00	50.00	-25.56	-20.92

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



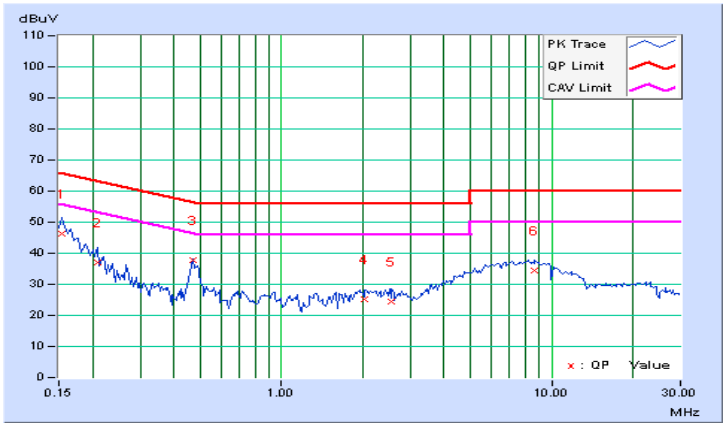
WCDMA Band 5 +LTE Band 2 (CBW: 15MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.67	36.78	26.15	46.45	35.82	65.79	55.79	-19.34	-19.97
2	0.20859	9.67	27.23	16.26	36.90	25.93	63.26	53.26	-26.36	-27.33
3	0.47031	9.67	27.95	25.55	37.62	35.22	56.51	46.51	-18.88	-11.28
4	2.03516	9.72	15.39	9.32	25.11	19.04	56.00	46.00	-30.89	-26.96
5	2.55859	9.73	14.73	7.75	24.46	17.48	56.00	46.00	-31.54	-28.52
6	8.68359	9.85	24.77	19.53	34.62	29.38	60.00	50.00	-25.38	-20.62

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

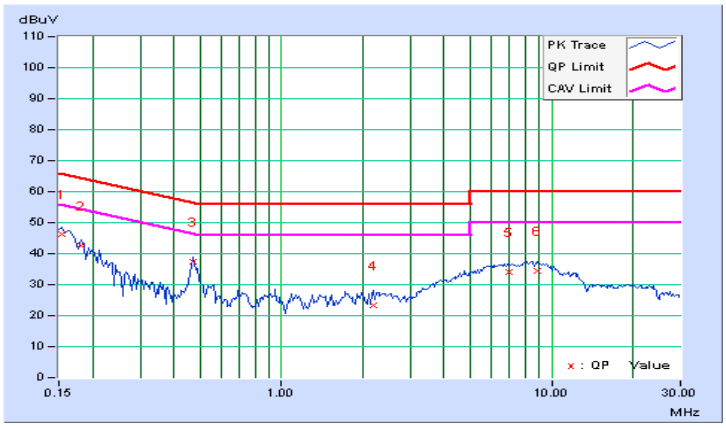


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.70	36.70	25.97	46.40	35.67	65.79	55.79	-19.39	-20.12
2	0.18125	9.71	32.74	20.14	42.45	29.85	64.43	54.43	-21.98	-24.58
3	0.47031	9.71	27.86	25.51	37.57	35.22	56.51	46.51	-18.94	-11.29
4	2.19141	9.76	13.40	7.23	23.16	16.99	56.00	46.00	-32.84	-29.01
5	6.92969	9.86	24.05	18.51	33.91	28.37	60.00	50.00	-26.09	-21.63
6	8.83203	9.89	24.47	19.33	34.36	29.22	60.00	50.00	-25.64	-20.78

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



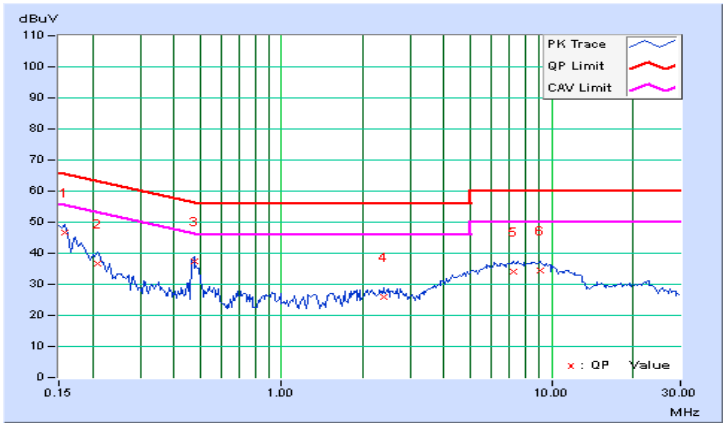
WCDMA Band 5 +LTE Band 2 (CBW: 20MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.67	37.09	25.75	46.76	35.42	65.58	55.58	-18.82	-20.16
2	0.20859	9.67	27.01	15.96	36.68	25.63	63.26	53.26	-26.58	-27.63
3	0.47422	9.67	27.76	23.85	37.43	33.52	56.44	46.44	-19.01	-12.92
4	2.38281	9.73	16.11	9.20	25.84	18.93	56.00	46.00	-30.16	-27.07
5	7.25391	9.82	24.32	19.05	34.14	28.87	60.00	50.00	-25.86	-21.13
6	9.07031	9.85	24.57	19.35	34.42	29.20	60.00	50.00	-25.58	-20.80

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

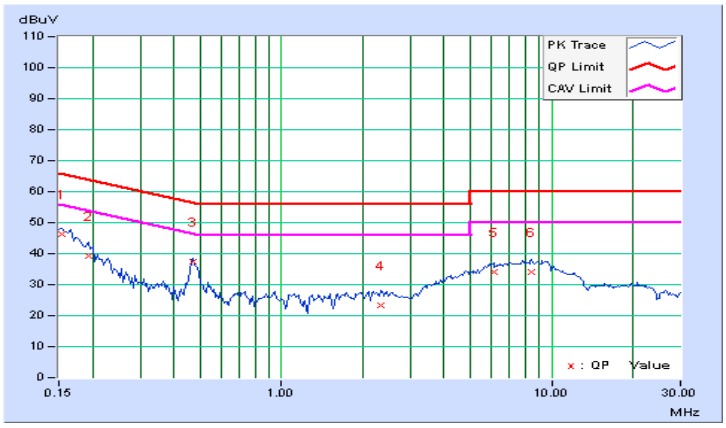


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.70	36.78	25.99	46.48	35.69	65.79	55.79	-19.31	-20.10
2	0.19297	9.71	29.57	18.31	39.28	28.02	63.91	53.91	-24.63	-25.89
3	0.47031	9.71	27.86	25.57	37.57	35.28	56.51	46.51	-18.94	-11.23
4	2.34375	9.76	13.61	5.11	23.37	14.87	56.00	46.00	-32.63	-31.13
5	6.10156	9.85	24.25	18.14	34.10	27.99	60.00	50.00	-25.90	-22.01
6	8.46875	9.88	24.30	19.45	34.18	29.33	60.00	50.00	-25.82	-20.67

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



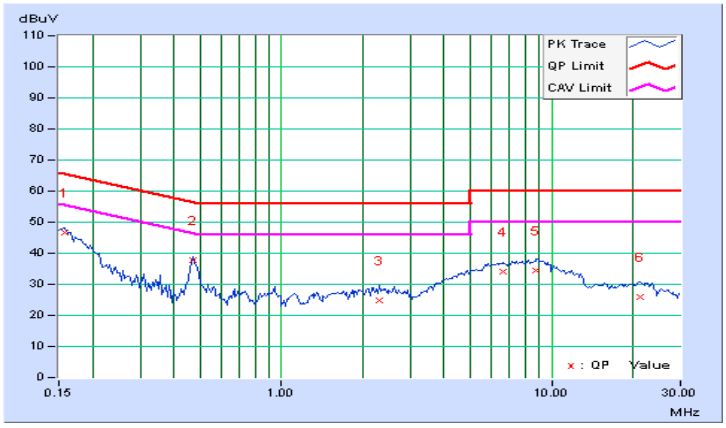
WCDMA Band 5 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.67	37.07	25.60	46.74	35.27	65.58	55.58	-18.84	-20.31
2	0.47031	9.67	27.94	25.67	37.61	35.34	56.51	46.51	-18.89	-11.16
3	2.31641	9.73	14.97	7.48	24.70	17.21	56.00	46.00	-31.30	-28.79
4	6.64063	9.81	24.15	18.10	33.96	27.91	60.00	50.00	-26.04	-22.09
5	8.78906	9.85	24.65	19.43	34.50	29.28	60.00	50.00	-25.50	-20.72
6	21.37891	9.92	16.02	11.58	25.94	21.50	60.00	50.00	-34.06	-28.50

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

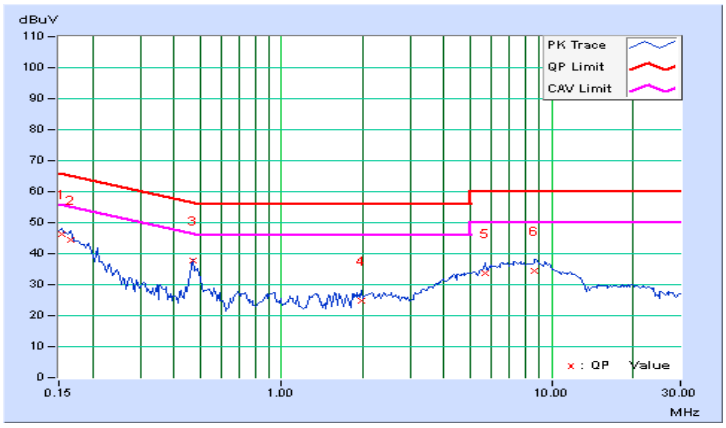


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.70	36.44	25.81	46.14	35.51	65.79	55.79	-19.65	-20.28
2	0.16562	9.70	34.60	20.87	44.30	30.57	65.18	55.18	-20.87	-24.60
3	0.47031	9.71	27.94	25.65	37.65	35.36	56.51	46.51	-18.86	-11.15
4	1.96875	9.75	14.95	6.47	24.70	16.22	56.00	46.00	-31.30	-29.78
5	5.67188	9.84	23.95	17.90	33.79	27.74	60.00	50.00	-26.21	-22.26
6	8.66406	9.89	24.45	19.31	34.34	29.20	60.00	50.00	-25.66	-20.80

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



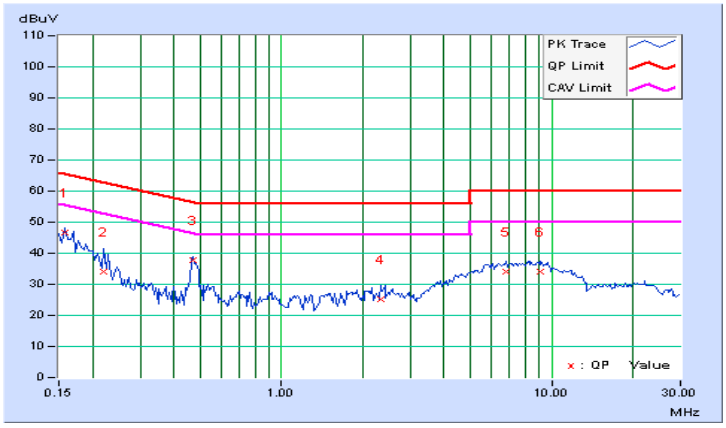
WCDMA Band 5 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.67	36.89	25.56	46.56	35.23	65.58	55.58	-19.02	-20.35
2	0.22031	9.67	24.53	14.28	34.20	23.95	62.81	52.81	-28.61	-28.86
3	0.47031	9.67	28.10	25.89	37.77	35.56	56.51	46.51	-18.73	-10.94
4	2.32422	9.73	15.57	8.19	25.30	17.92	56.00	46.00	-30.70	-28.08
5	6.76172	9.82	24.15	18.45	33.97	28.27	60.00	50.00	-26.03	-21.73
6	9.10938	9.86	24.33	19.30	34.19	29.16	60.00	50.00	-25.81	-20.84

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

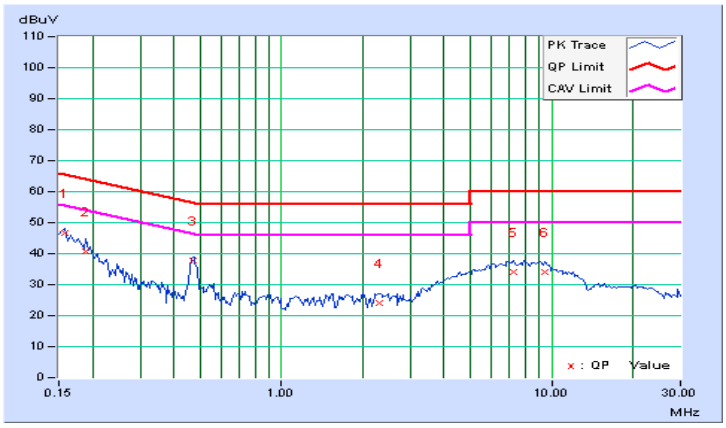


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.70	36.95	25.56	46.65	35.26	65.58	55.58	-18.93	-20.32
2	0.18906	9.71	30.86	17.95	40.57	27.66	64.08	54.08	-23.51	-26.42
3	0.47294	9.71	28.08	24.86	37.79	34.57	56.46	46.46	-18.67	-11.89
4	2.30078	9.76	14.14	7.46	23.90	17.22	56.00	46.00	-32.10	-28.78
5	7.21094	9.86	24.37	18.97	34.23	28.83	60.00	50.00	-25.77	-21.17
6	9.39844	9.90	24.18	19.01	34.08	28.91	60.00	50.00	-25.92	-21.09

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



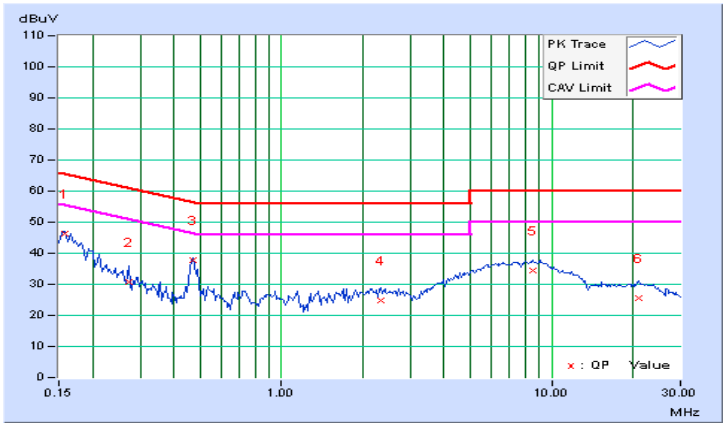
WCDMA Band 5 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.67	36.78	25.42	46.45	35.09	65.58	55.58	-19.13	-20.49
2	0.27109	9.67	21.25	11.30	30.92	20.97	61.08	51.08	-30.16	-30.11
3	0.47031	9.67	28.09	25.78	37.76	35.45	56.51	46.51	-18.74	-11.05
4	2.33594	9.73	15.12	8.44	24.85	18.17	56.00	46.00	-31.15	-27.83
5	8.54688	9.85	24.75	19.43	34.60	29.28	60.00	50.00	-25.40	-20.72
6	20.89063	9.92	15.75	11.35	25.67	21.27	60.00	50.00	-34.33	-28.73

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

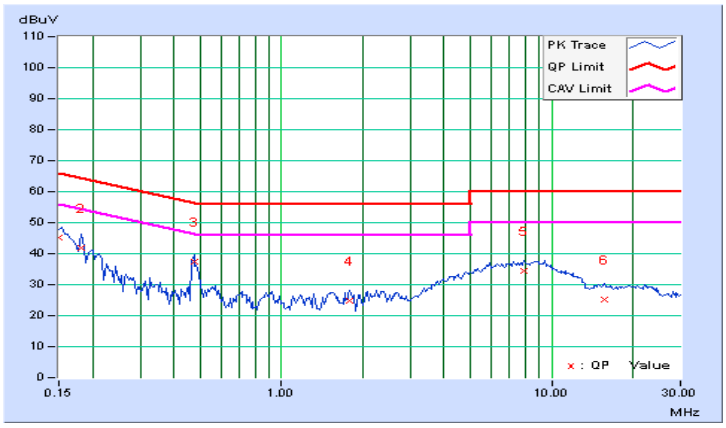


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15001	9.70	35.61	23.61	45.31	33.31	66.00	56.00	-20.69	-22.69
2	0.18125	9.71	32.01	19.39	41.72	29.10	64.43	54.43	-22.71	-25.33
3	0.47422	9.71	27.71	23.70	37.42	33.41	56.44	46.44	-19.02	-13.03
4	1.79688	9.75	15.01	8.59	24.76	18.34	56.00	46.00	-31.24	-27.66
5	7.87891	9.87	24.69	19.21	34.56	29.08	60.00	50.00	-25.44	-20.92
6	15.67578	9.97	15.26	10.82	25.23	20.79	60.00	50.00	-34.77	-29.21

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



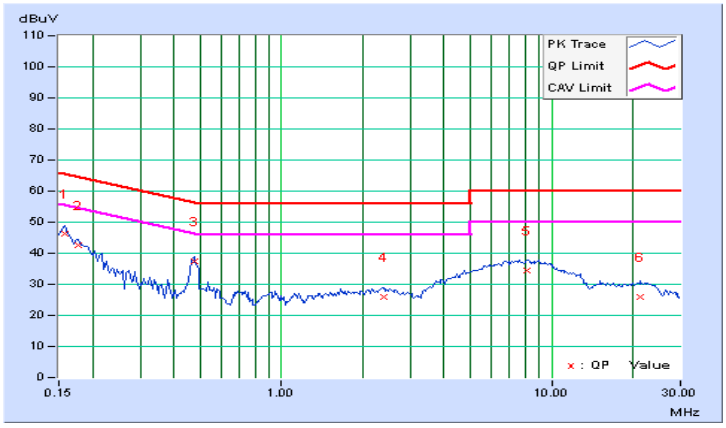
WCDMA Band 5 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.67	36.66	25.22	46.33	34.89	65.58	55.58	-19.25	-20.69
2	0.17734	9.67	32.76	21.37	42.43	31.04	64.61	54.61	-22.18	-23.57
3	0.47422	9.67	27.62	23.52	37.29	33.19	56.44	46.44	-19.15	-13.25
4	2.37891	9.73	16.34	9.26	26.07	18.99	56.00	46.00	-29.93	-27.01
5	8.05469	9.84	24.73	19.27	34.57	29.11	60.00	50.00	-25.43	-20.89
6	21.41797	9.92	15.94	11.52	25.86	21.44	60.00	50.00	-34.14	-28.56

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

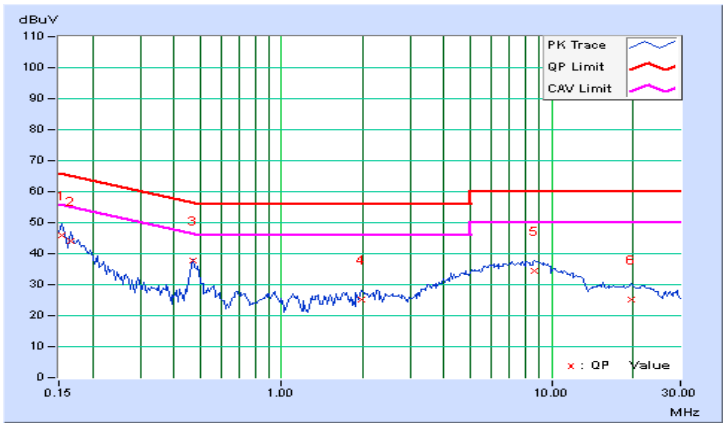


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.70	36.24	25.52	45.94	35.22	65.79	55.79	-19.85	-20.57
2	0.16562	9.70	34.48	20.65	44.18	30.35	65.18	55.18	-20.99	-24.82
3	0.47031	9.71	28.02	25.78	37.73	35.49	56.51	46.51	-18.78	-11.02
4	1.98047	9.75	15.39	7.66	25.14	17.41	56.00	46.00	-30.86	-28.59
5	8.64844	9.89	24.61	19.39	34.50	29.28	60.00	50.00	-25.50	-20.72
6	19.75781	10.00	15.02	10.50	25.02	20.50	60.00	50.00	-34.98	-29.50

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



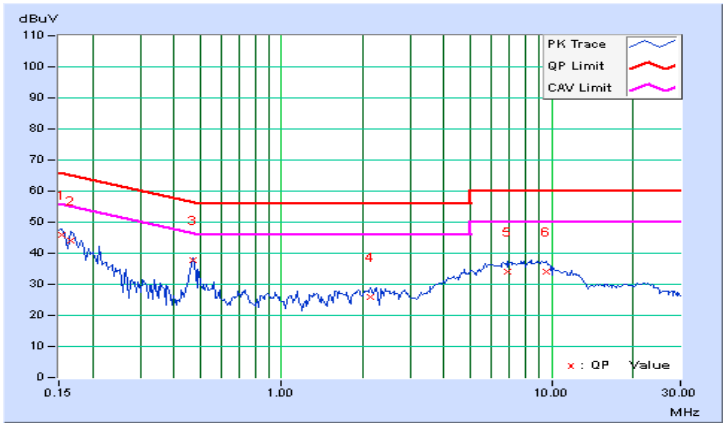
WCDMA Band 5 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.67	36.24	25.40	45.91	35.07	65.79	55.79	-19.88	-20.72
2	0.16562	9.67	34.44	20.55	44.11	30.22	65.18	55.18	-21.07	-24.96
3	0.47031	9.67	28.13	25.90	37.80	35.57	56.51	46.51	-18.70	-10.93
4	2.14844	9.72	16.25	10.00	25.97	19.72	56.00	46.00	-30.03	-26.28
5	6.89063	9.82	24.18	18.46	34.00	28.28	60.00	50.00	-26.00	-21.72
6	9.51563	9.86	24.18	19.01	34.04	28.87	60.00	50.00	-25.96	-21.13

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

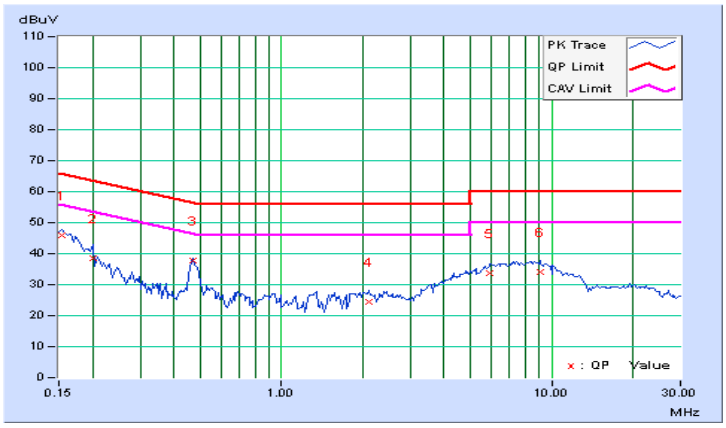


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.70	36.32	25.32	46.02	35.02	65.79	55.79	-19.77	-20.77
2	0.20078	9.71	28.84	15.56	38.55	25.27	63.58	53.58	-25.03	-28.31
3	0.47031	9.71	28.06	25.80	37.77	35.51	56.51	46.51	-18.74	-11.00
4	2.12109	9.75	14.87	7.79	24.62	17.54	56.00	46.00	-31.38	-28.46
5	5.91016	9.84	23.81	17.82	33.65	27.66	60.00	50.00	-26.35	-22.34
6	9.05078	9.89	24.28	19.19	34.17	29.08	60.00	50.00	-25.83	-20.92

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



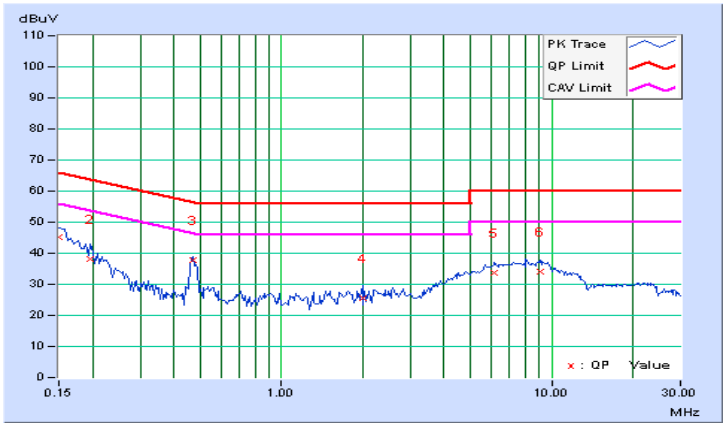
WCDMA Band 5 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15001	9.67	35.67	23.45	45.34	33.12	66.00	56.00	-20.66	-22.88
2	0.19687	9.67	28.57	17.32	38.24	26.99	63.74	53.74	-25.50	-26.75
3	0.47031	9.67	28.16	25.97	37.83	35.64	56.51	46.51	-18.67	-10.86
4	2.00781	9.72	15.67	8.80	25.39	18.52	56.00	46.00	-30.61	-27.48
5	6.12891	9.81	23.90	17.79	33.71	27.60	60.00	50.00	-26.29	-22.40
6	9.08203	9.85	24.30	19.31	34.15	29.16	60.00	50.00	-25.85	-20.84

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

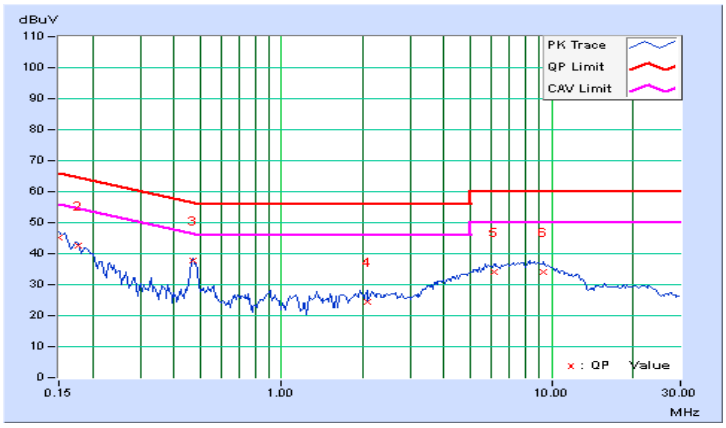


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15001	9.70	35.63	23.49	45.33	33.19	66.00	56.00	-20.67	-22.81
2	0.17734	9.71	32.80	21.02	42.51	30.73	64.61	54.61	-22.10	-23.88
3	0.47031	9.71	28.04	25.78	37.75	35.49	56.51	46.51	-18.76	-11.02
4	2.08594	9.75	14.55	7.58	24.30	17.33	56.00	46.00	-31.70	-28.67
5	6.09375	9.84	24.31	17.90	34.15	27.74	60.00	50.00	-25.85	-22.26
6	9.36719	9.90	24.26	19.09	34.16	28.99	60.00	50.00	-25.84	-21.01

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



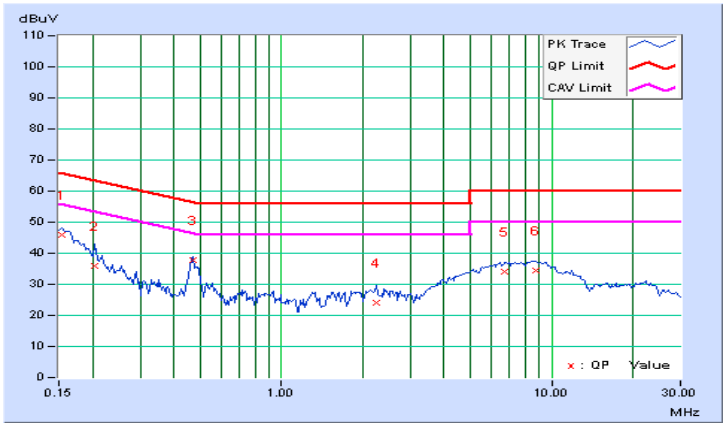
WCDMA Band 2 +LTE Band 4 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.67	36.26	25.14	45.93	34.81	65.79	55.79	-19.86	-20.98
2	0.20469	9.67	26.14	15.07	35.81	24.74	63.42	53.42	-27.61	-28.68
3	0.47031	9.67	28.18	25.93	37.85	35.60	56.51	46.51	-18.65	-10.90
4	2.25391	9.73	14.33	7.59	24.06	17.32	56.00	46.00	-31.94	-28.68
5	6.73047	9.82	24.22	18.40	34.04	28.22	60.00	50.00	-25.96	-21.78
6	8.77344	9.85	24.53	19.43	34.38	29.28	60.00	50.00	-25.62	-20.72

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

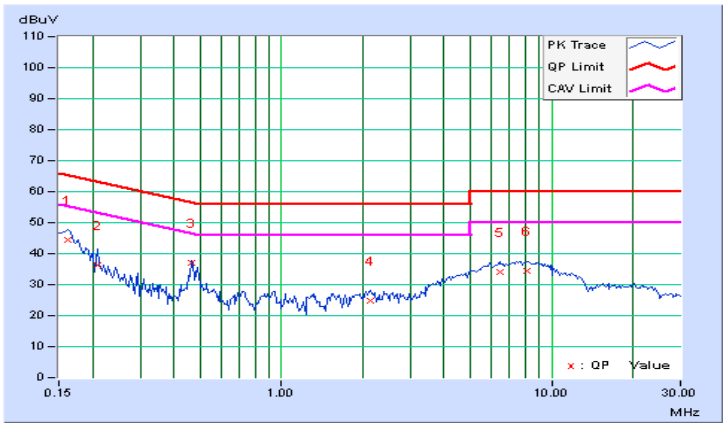


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16172	9.70	34.70	23.25	44.40	32.95	65.38	55.38	-20.97	-22.42
2	0.20859	9.71	26.56	15.34	36.27	25.05	63.26	53.26	-26.99	-28.21
3	0.46641	9.71	27.33	24.65	37.04	34.36	56.58	46.58	-19.54	-12.22
4	2.14844	9.75	14.98	8.56	24.73	18.31	56.00	46.00	-31.27	-27.69
5	6.43750	9.85	24.06	18.26	33.91	28.11	60.00	50.00	-26.09	-21.89
6	8.11719	9.88	24.47	18.95	34.35	28.83	60.00	50.00	-25.65	-21.17

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



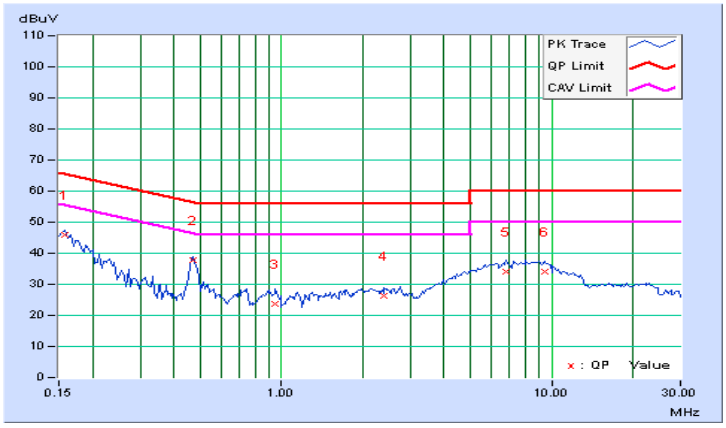
WCDMA Band 2 +LTE Band 4 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.67	36.34	24.87	46.01	34.54	65.58	55.58	-19.57	-21.04
2	0.47031	9.67	28.19	25.82	37.86	35.49	56.51	46.51	-18.64	-11.01
3	0.94688	9.70	14.08	5.35	23.78	15.05	56.00	46.00	-32.22	-30.95
4	2.40625	9.73	16.68	9.81	26.41	19.54	56.00	46.00	-29.59	-26.46
5	6.78516	9.82	24.20	18.44	34.02	28.26	60.00	50.00	-25.98	-21.74
6	9.39453	9.86	24.30	19.19	34.16	29.05	60.00	50.00	-25.84	-20.95

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

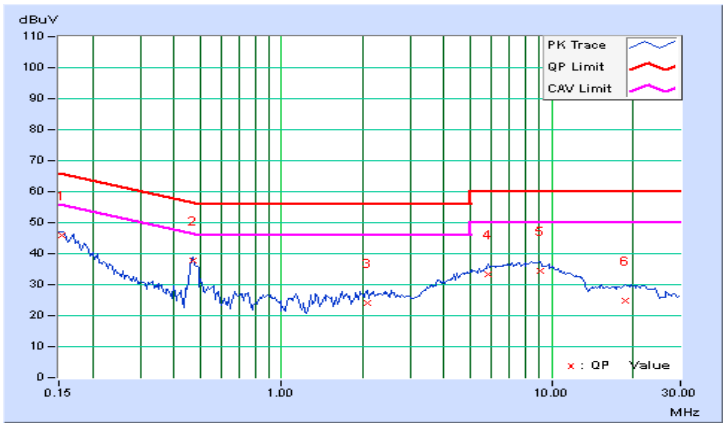


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15390	9.70	36.24	25.22	45.94	34.92	65.79	55.79	-19.85	-20.87
2	0.47031	9.71	28.14	25.81	37.85	35.52	56.51	46.51	-18.66	-10.99
3	2.08984	9.75	14.41	6.91	24.16	16.66	56.00	46.00	-31.84	-29.34
4	5.82422	9.84	23.65	18.25	33.49	28.09	60.00	50.00	-26.51	-21.91
5	9.05859	9.89	24.53	19.19	34.42	29.08	60.00	50.00	-25.58	-20.92
6	18.83594	9.99	15.01	10.69	25.00	20.68	60.00	50.00	-35.00	-29.32

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



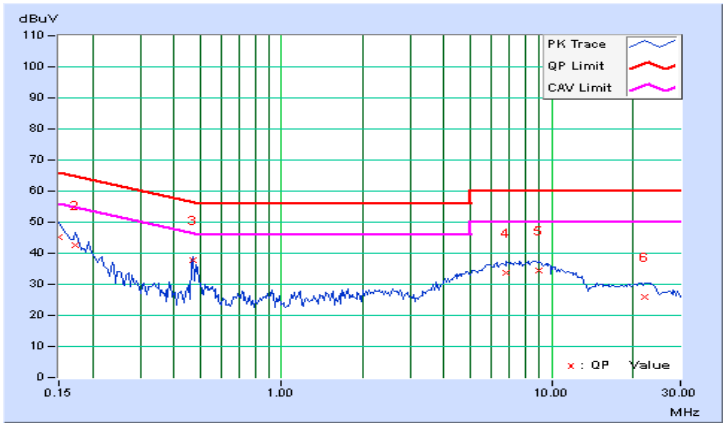
WCDMA Band 2 +LTE Band 4 (CBW: 15MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15001	9.67	35.51	23.19	45.18	32.86	66.00	56.00	-20.82	-23.14
2	0.17344	9.67	32.76	21.51	42.43	31.18	64.79	54.79	-22.36	-23.61
3	0.47031	9.67	28.15	25.88	37.82	35.55	56.51	46.51	-18.68	-10.95
4	6.81250	9.82	24.01	18.54	33.83	28.36	60.00	50.00	-26.17	-21.64
5	9.01563	9.85	24.43	19.31	34.28	29.16	60.00	50.00	-25.72	-20.84
6	22.16016	9.93	15.96	11.52	25.89	21.45	60.00	50.00	-34.11	-28.55

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

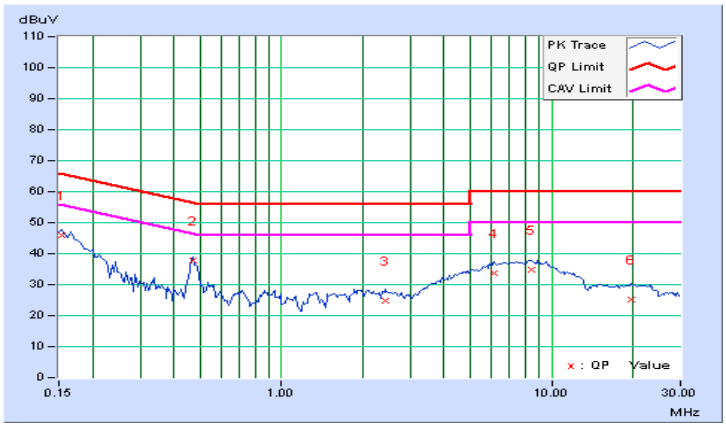


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15408	9.70	36.22	25.12	45.92	34.82	65.78	55.78	-19.86	-20.96
2	0.47031	9.71	28.09	25.74	37.80	35.45	56.51	46.51	-18.71	-11.06
3	2.43359	9.76	14.99	7.84	24.75	17.60	56.00	46.00	-31.25	-28.40
4	6.15234	9.85	23.98	17.83	33.83	27.68	60.00	50.00	-26.17	-22.32
5	8.39453	9.88	24.75	19.23	34.63	29.11	60.00	50.00	-25.37	-20.89
6	19.73047	10.00	15.09	10.33	25.09	20.33	60.00	50.00	-34.91	-29.67

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



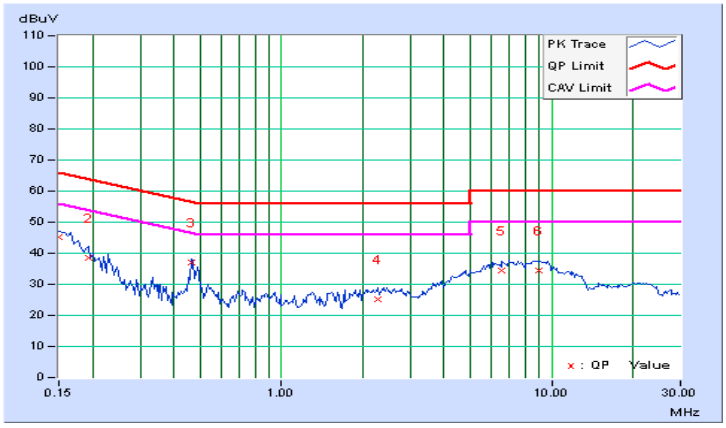
WCDMA Band 2 +LTE Band 4 (CBW: 20MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15004	9.67	35.37	23.27	45.04	32.94	66.00	56.00	-20.96	-23.06
2	0.19297	9.67	28.86	17.95	38.53	27.62	63.91	53.91	-25.38	-26.29
3	0.46641	9.67	27.39	24.91	37.06	34.58	56.58	46.58	-19.51	-11.99
4	2.28516	9.73	15.59	8.54	25.32	18.27	56.00	46.00	-30.68	-27.73
5	6.54297	9.81	24.51	18.42	34.32	28.23	60.00	50.00	-25.68	-21.77
6	9.02344	9.85	24.49	19.35	34.34	29.20	60.00	50.00	-25.66	-20.80

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

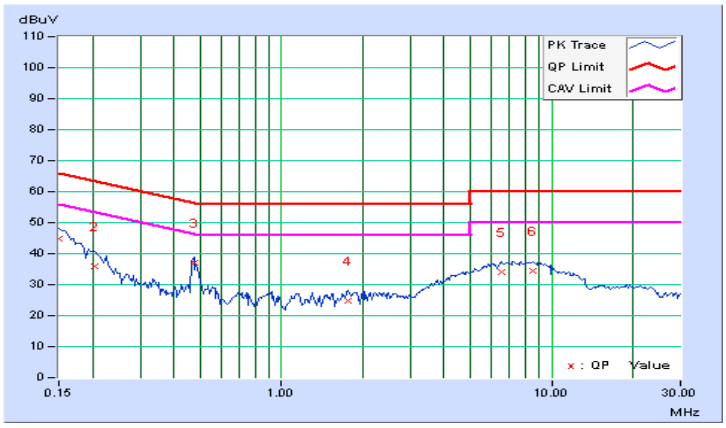


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15003	9.70	35.18	23.15	44.88	32.85	66.00	56.00	-21.12	-23.15
2	0.20469	9.71	26.28	15.01	35.99	24.72	63.42	53.42	-27.43	-28.70
3	0.47422	9.71	27.22	22.50	36.93	32.21	56.44	46.44	-19.51	-14.23
4	1.76563	9.75	15.09	8.94	24.84	18.69	56.00	46.00	-31.16	-27.31
5	6.51953	9.85	24.26	18.15	34.11	28.00	60.00	50.00	-25.89	-22.00
6	8.57031	9.89	24.53	19.19	34.42	29.08	60.00	50.00	-25.58	-20.92

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



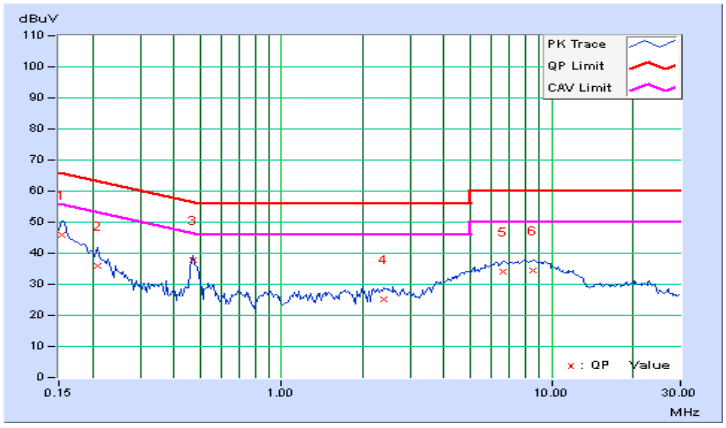
WCDMA Band 2 +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.67	36.11	25.01	45.78	34.68	65.79	55.79	-20.01	-21.11
2	0.20859	9.67	26.18	15.34	35.85	25.01	63.26	53.26	-27.41	-28.25
3	0.47031	9.67	28.16	25.93	37.83	35.60	56.51	46.51	-18.67	-10.90
4	2.39453	9.73	15.64	8.81	25.37	18.54	56.00	46.00	-30.63	-27.46
5	6.63672	9.81	24.29	18.24	34.10	28.05	60.00	50.00	-25.90	-21.95
6	8.57422	9.85	24.55	19.15	34.40	29.00	60.00	50.00	-25.60	-21.00

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

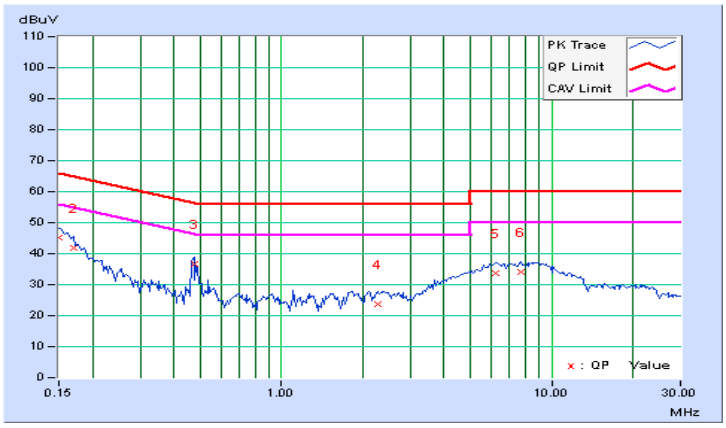


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15001	9.70	35.57	23.21	45.27	32.91	66.00	56.00	-20.73	-23.09
2	0.16953	9.70	32.11	20.54	41.81	30.24	64.98	54.98	-23.17	-24.74
3	0.47422	9.71	27.05	22.10	36.76	31.81	56.44	46.44	-19.68	-14.63
4	2.27344	9.76	13.79	7.19	23.55	16.95	56.00	46.00	-32.45	-29.05
5	6.16797	9.85	24.01	18.43	33.86	28.28	60.00	50.00	-26.14	-21.72
6	7.70313	9.87	24.23	18.79	34.10	28.66	60.00	50.00	-25.90	-21.34

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



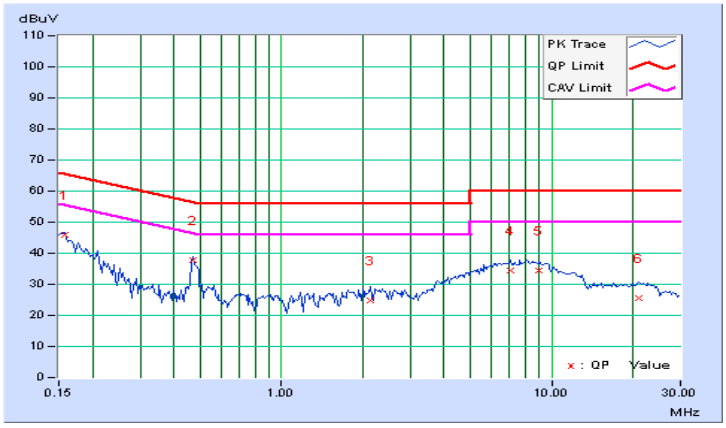
WCDMA Band 2 +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15780	9.67	36.20	24.77	45.87	34.44	65.58	55.58	-19.71	-21.14
2	0.47031	9.67	28.15	25.92	37.82	35.59	56.51	46.51	-18.68	-10.91
3	2.13672	9.72	15.10	7.89	24.82	17.61	56.00	46.00	-31.18	-28.39
4	7.06250	9.82	24.51	18.66	34.33	28.48	60.00	50.00	-25.67	-21.52
5	9.01563	9.85	24.45	19.35	34.30	29.20	60.00	50.00	-25.70	-20.80
6	21.01172	9.92	15.81	11.31	25.73	21.23	60.00	50.00	-34.27	-28.77

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

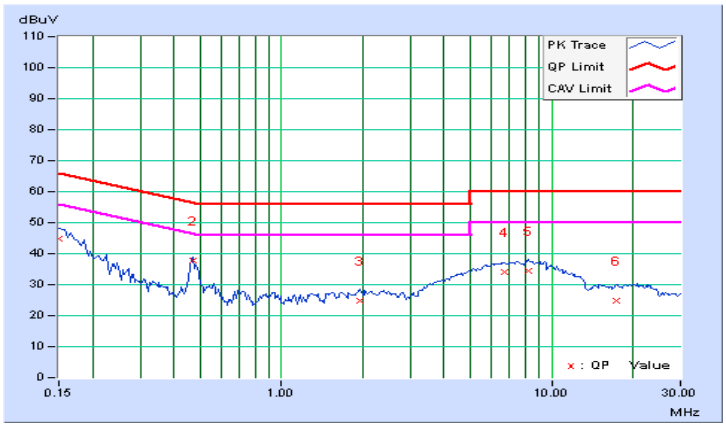


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15002	9.70	35.10	23.25	44.80	32.95	66.00	56.00	-21.20	-23.05
2	**0.47031**	**9.71**	**28.12**	**25.95**	**37.83**	**35.66**	**56.51**	**46.51**	**-18.68**	**-10.85**
3	1.94531	9.75	15.24	6.95	24.99	16.70	56.00	46.00	-31.01	-29.30
4	6.68750	9.85	24.09	18.27	33.94	28.12	60.00	50.00	-26.06	-21.88
5	8.21094	9.88	24.45	19.21	34.33	29.09	60.00	50.00	-25.67	-20.91
6	17.27344	9.98	14.80	10.17	24.78	20.15	60.00	50.00	-35.22	-29.85

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



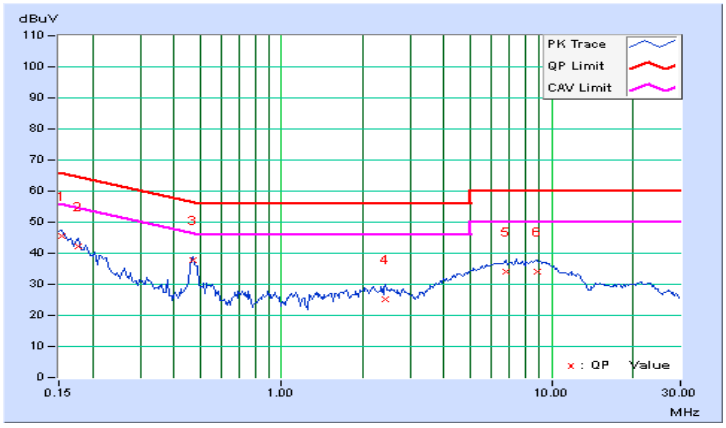
LTE Band 4 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15390	9.67	35.97	25.08	45.64	34.75	65.79	55.79	-20.15	-21.04
2	0.17734	9.67	32.53	20.78	42.20	30.45	64.61	54.61	-22.41	-24.16
3	0.47031	9.67	28.11	25.90	37.78	35.57	56.51	46.51	-18.72	-10.93
4	2.43750	9.73	15.49	8.94	25.22	18.67	56.00	46.00	-30.78	-27.33
5	6.76172	9.82	24.11	18.41	33.93	28.23	60.00	50.00	-26.07	-21.77
6	8.85938	9.85	24.30	19.33	34.15	29.18	60.00	50.00	-25.85	-20.82

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

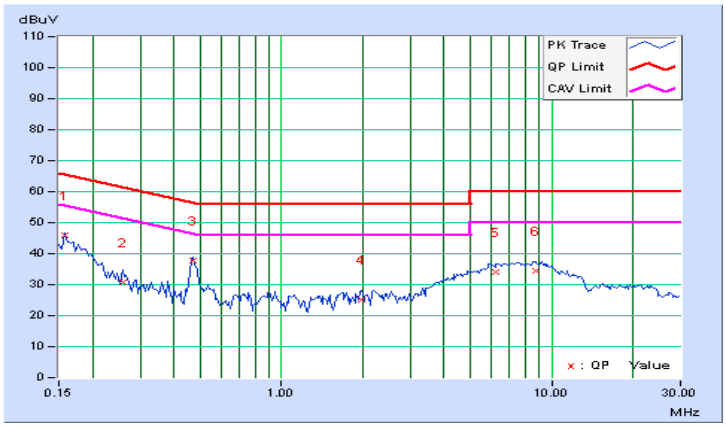


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.70	36.24	24.81	45.94	34.51	65.58	55.58	-19.64	-21.07
2	0.25938	9.71	21.04	9.15	30.75	18.86	61.45	51.45	-30.70	-32.59
3	0.47031	9.71	28.06	25.84	37.77	35.55	56.51	46.51	-18.74	-10.96
4	1.97656	9.75	15.37	7.51	25.12	17.26	56.00	46.00	-30.88	-28.74
5	6.21094	9.85	24.08	17.91	33.93	27.76	60.00	50.00	-26.07	-22.24
6	8.69922	9.89	24.53	19.35	34.42	29.24	60.00	50.00	-25.58	-20.76

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



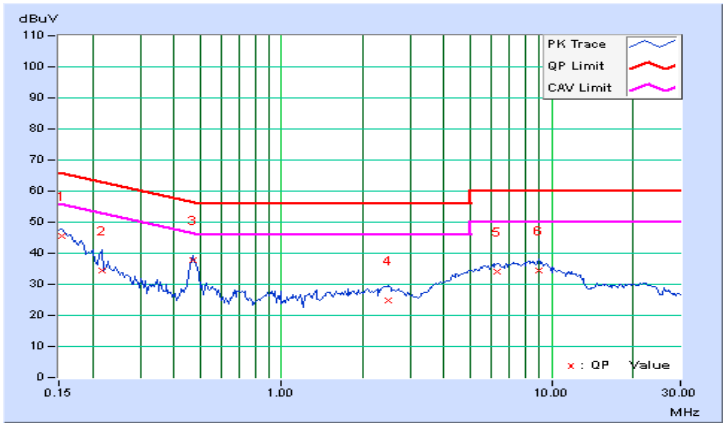
LTE Band 4 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15388	9.67	35.99	25.04	45.66	34.71	65.79	55.79	-20.13	-21.08
2	0.21641	9.67	24.89	15.54	34.56	25.21	62.96	52.96	-28.40	-27.75
3	0.47031	9.67	28.18	25.95	37.85	35.62	56.51	46.51	-18.65	-10.88
4	2.49219	9.73	15.11	7.21	24.84	16.94	56.00	46.00	-31.16	-29.06
5	6.32422	9.81	24.09	18.37	33.90	28.18	60.00	50.00	-26.10	-21.82
6	8.97656	9.85	24.45	19.33	34.30	29.18	60.00	50.00	-25.70	-20.82

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

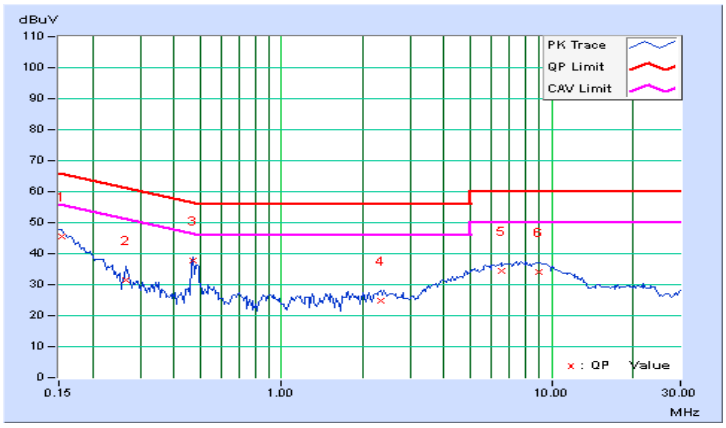


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15395	9.70	36.01	25.18	45.71	34.88	65.78	55.78	-20.07	-20.90
2	0.26719	9.71	21.64	11.46	31.35	21.17	61.20	51.20	-29.85	-30.03
3	0.47031	9.71	28.14	25.87	37.85	35.58	56.51	46.51	-18.66	-10.93
4	2.32031	9.76	14.94	6.43	24.70	16.19	56.00	46.00	-31.30	-29.81
5	6.51563	9.85	24.45	18.26	34.30	28.11	60.00	50.00	-25.70	-21.89
6	9.02734	9.89	24.30	19.15	34.19	29.04	60.00	50.00	-25.81	-20.96

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



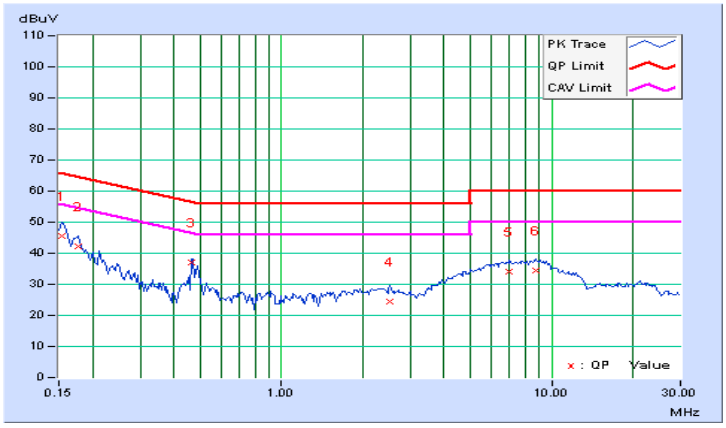
LTE Band 2 (CBW: 5MHz) +LTE Band 12 (CBW: 5MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.67	35.95	25.12	45.62	34.79	65.79	55.79	-20.17	-21.00
2	0.17734	9.67	32.54	20.86	42.21	30.53	64.61	54.61	-22.40	-24.08
3	0.46641	9.67	27.31	24.80	36.98	34.47	56.58	46.58	-19.59	-12.10
4	2.53125	9.73	14.73	7.79	24.46	17.52	56.00	46.00	-31.54	-28.48
5	7.00000	9.82	24.37	18.63	34.19	28.45	60.00	50.00	-25.81	-21.55
6	8.74609	9.85	24.55	19.37	34.40	29.22	60.00	50.00	-25.60	-20.78

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

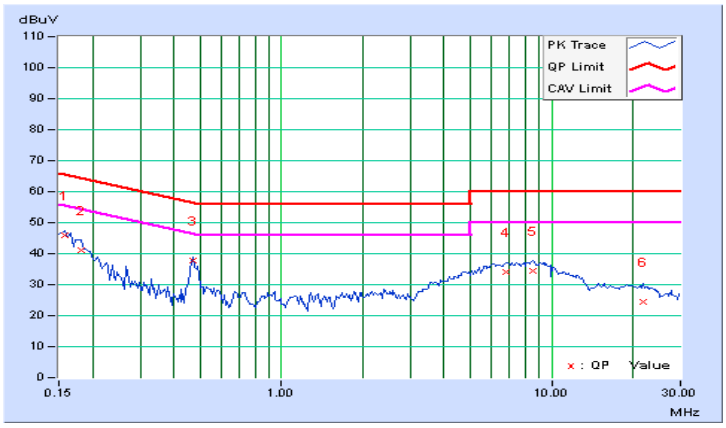


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.70	36.24	24.89	45.94	34.59	65.58	55.58	-19.64	-20.99
2	0.18125	9.71	31.32	19.03	41.03	28.74	64.43	54.43	-23.40	-25.69
3	0.47031	9.71	28.12	25.93	37.83	35.64	56.51	46.51	-18.68	-10.87
4	6.75395	9.86	24.26	18.48	34.12	28.34	60.00	50.00	-25.88	-21.66
5	8.56644	9.89	24.49	19.11	34.38	29.00	60.00	50.00	-25.62	-21.00
6	21.87109	10.00	14.58	10.11	24.58	20.11	60.00	50.00	-35.42	-29.89

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



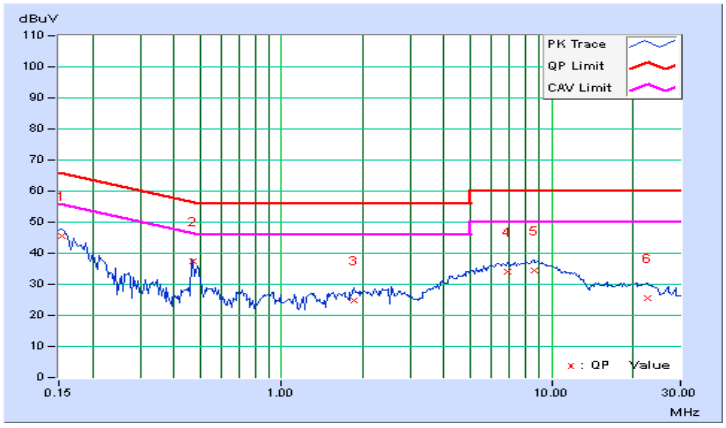
LTE Band 2 (CBW: 10MHz) +LTE Band 12 (CBW: 10MHz) +802.11g +802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15402	9.67	36.01	25.06	45.68	34.73	65.78	55.78	-20.10	-21.05
2	0.46896	9.67	27.88	25.98	37.55	35.65	56.53	46.53	-18.98	-10.88
3	1.85548	9.72	15.05	8.10	24.77	17.82	56.00	46.00	-31.23	-28.18
4	6.87891	9.82	24.19	18.57	34.01	28.39	60.00	50.00	-25.99	-21.61
5	8.62500	9.85	24.53	19.37	34.38	29.22	60.00	50.00	-25.62	-20.78
6	22.82031	9.94	15.69	11.19	25.63	21.13	60.00	50.00	-34.37	-28.87

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

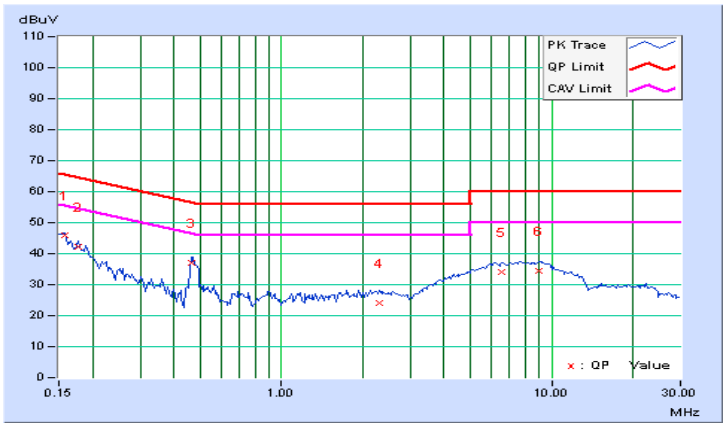


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15781	9.70	36.22	24.85	45.92	34.55	65.58	55.58	-19.66	-21.03
2	0.17734	9.71	32.52	20.98	42.23	30.69	64.61	54.61	-22.38	-23.92
3	0.46641	9.71	27.17	24.50	36.88	34.21	56.58	46.58	-19.70	-12.37
4	2.29688	9.76	14.20	7.22	23.96	16.98	56.00	46.00	-32.04	-29.02
5	6.57031	9.85	24.38	18.29	34.23	28.14	60.00	50.00	-25.77	-21.86
6	9.01953	9.89	24.38	19.15	34.27	29.04	60.00	50.00	-25.73	-20.96

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



5 Pictures of Test Arrangements

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

Appendix – Information on 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.

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

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