

FCC Radio Test Report

FCC ID: 2A0UD-TP00098A

This report concerns (check one): ☒ Original Grant ☐ Class II Change

Project No. : 1711C206A
Equipment : Tablet PC
Test Model : TP00098A
Series Model : N/A
Applicant : Shenzhen Bitland Information Technology Co.,Ltd
Address : 6F, #7 Building, XiLi Tongfuyu Industrial Town,
Nanshan District, Shenzhen Guangdong 518055
China

Date of Receipt : Nov. 24, 2017
Date of Test : Nov. 24, 2017 ~ Feb. 09, 2018
Issued Date : Feb. 14, 2018
Tested by : BTL Inc.

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Authorized Signatory

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1711C206A	Original Issue.	Feb. 14, 2018

1. CERTIFICATION

Equipment : Tablet PC
Brand Name : Lenovo
Test Model : TP00098A
Series Model : N/A
Applicant : Shenzhen Bitland Information Technology Co.,Ltd
Manufacturer : Lenovo PC HK Limited
Address : 23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong
Factory : Hefei Bitland Information Technology Co.Ltd.
Address : No.4088 JINXIU AVENUE, ECONOMIC&TECHNOLOGY DEVELOPMENT
AREA, HEFEI, CHINA
Date of Test : Nov. 24, 2017 ~ Feb. 09, 2018
Test Sample : Engineering Sample
Standard(s) : 47 CFR FCC Part 22 Subpart H
47 CFR FCC Part 2 & ANSI/TIA-603-D-2010
KDB 971168 D01 Power Meas License Digital Systems v03

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1711C206A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is for the WCDMA Band 5, LTE Band 5 and Band 26 part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part 22 Subpart H& Part 2			
Standard(s) Section	Test Item	Judgment	Tested By
2.1046 & 22.913(a)	Radiated power	PASS	Paul Li
2.1046 & 22.913(a)	Conducted Output Power	PASS	Paul Li
2.1049(h) & 22.917(a)	Occupied Bandwidth	PASS	Paul Li
2.1051 & 22.917(a)	Conducted Spurious Emissions	PASS	Paul Li
2.1053 & 22.917(a)	Radiated Spurious Emissions	PASS	Paul Li
22.917(a)	Band Edge Measurements	PASS	Paul Li
-	Peak To Average Ratio	PASS	Paul Li
2.1055 & 22.355	Frequency Stability	PASS	Paul Li

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) $k=1.96$ or $k=2$ (which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Measurement Uncertainty for a Level of Confidence of 95 %, $U=2 \times U_c(y)$.

The BTL measurement uncertainty as below table:

A. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	9KHz ~ 30MHz	V	3.79
		9KHz ~ 30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 18GHz	V	3.12
		1GHz ~ 18GHz	H	3.68

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (1m)	CISPR	18GHz ~ 40GHz	V	4.15
		18GHz ~ 40GHz	H	4.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Tablet PC			
Brand Name	Lenovo			
Test Model	TP00098A			
Series Model	N/A			
Model Difference	N/A			
Modulation Type	WCDMA	UL: BPSK DL: QPSK		
	WCDMA (HSDPA/HSUPA)	16QAM		
	LTE	UL: QPSK,16QAM DL: QPSK,16QAM		
Operation Frequency	WCDMA Band 5	826.4 ~ 846.6 MHz		
	LTE 5 (Channel Bandwidth: 1.4MHz)	824.7 ~ 848.3 MHz		
	LTE 5 (Channel Bandwidth: 3MHz)	825.5 ~ 847.5 MHz		
	LTE 5 (Channel Bandwidth: 5MHz)	826.5 ~ 846.5 MHz		
	LTE 5 (Channel Bandwidth: 10MHz)	829.0 ~ 844.0 MHz		
	LTE 26 (Channel Bandwidth: 1.4MHz)	824.7 ~ 848.3 MHz		
	LTE 26 (Channel Bandwidth: 3MHz)	825.5 ~ 847.5 MHz		
	LTE 26 (Channel Bandwidth: 5MHz)	826.5 ~ 846.5 MHz		
	LTE 26 (Channel Bandwidth: 10MHz)	829.0 ~ 844.0 MHz		
	LTE 26 (Channel Bandwidth: 15MHz)	831.5 ~ 841.5 MHz		
Max. ERP Power	WCDMA	BPSK	22.61	dBm
	WCDMA_HSDPA	16QAM	21.35	dBm
	WCDMA_HSUPA	16QAM	21.58	dBm
	LTE 5 (Channel Bandwidth: 1.4MHz)	QPSK	22.48	dBm
		16QAM	21.74	dBm
	LTE 5 (Channel Bandwidth: 3MHz)	QPSK	22.44	dBm
		16QAM	21.69	dBm
	LTE 5 (Channel Bandwidth: 5MHz)	QPSK	22.31	dBm
		16QAM	21.75	dBm
	LTE 5 (Channel Bandwidth: 10MHz)	QPSK	22.29	dBm
		16QAM	21.52	dBm
	LTE 26 (Channel Bandwidth: 1.4MHz)	QPSK	22.70	dBm
		16QAM	21.77	dBm
	LTE 26 (Channel Bandwidth: 3MHz)	QPSK	22.54	dBm
		16QAM	21.64	dBm
	LTE 26 (Channel Bandwidth: 5MHz)	QPSK	22.63	dBm
		16QAM	21.83	dBm
	LTE 26 (Channel Bandwidth: 10MHz)	QPSK	22.49	dBm
		16QAM	21.56	dBm
	LTE 26 (Channel Bandwidth: 15MHz)	QPSK	22.68	dBm
		16QAM	21.65	dBm

IMEI No.	014583000483973
HW Version	TBD
SW Version	TBD
Power Source	#1 DC voltage supplied from AC/DC adapter. 1) Manufacturer / Model: Liteon / ADLX45YLC2A (2pin) 2) Manufacturer / Model: Liteon / ADLX45YLC3A (3pin) 3) Manufacturer / Model: Liteon / ADLX65YLC3A (3pin) 4) Manufacturer / Model: Chicony / ADLX45YCC2A (2pin) 5) Manufacturer / Model: Chicony / ADLX45YCC3A (3pin) 6) Manufacturer / Model: Chicony / ADLX65YCC3A (3pin) #2 Rechargeable Li-ion Battery supplied. 1) Manufacturer / Model: Simplo / L17M2P51 2) Manufacturer / Model: Simplo / L17M2P52 3) Manufacturer / Model: Celxpert / L17C2P51
Power Rating	#1 For adapter: 1) / 2) / 4) / 5): I/P: 100-240V~1.3A 50-60Hz O/P: 20V --- 2.25A/15V --- 3A/9V --- 2A/5V --- 2A Max 45W 3) / 6): I/P: 100-240V~1.8A 50-60Hz O/P: 20V --- 3.25A/15V --- 3A/9V --- 2A/5V --- 2A Max 65W #2 For battery: DC 7.68V, 5080mAh

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Table for Filed Antenna:

Ant. Part Number (main & aux parts)	Type	Antenna Mfr.	Antenna Gain(dBi)		
			WCDMA Band 5	LTE Band 5	LTE Band 26
N19-0351-R0A	Monopole	South Star	1.72	1.72	1.72
N19-0352-R0A			-0.26	-0.26	-0.26

3.2 DESCRIPTION OF TEST MODES AND TEST CONDITION

Following channel(s) was (were) selected for the final test as listed below:

WCDMA BAND 5			
Test Item	Available Channel	Tested Channel	Mode
ERP	4132 to 4233	4132, 4182, 4233	WCDMA, HSDPA, HSUPA
Conducted Output Power	4132 to 4233	4132, 4182, 4233	WCDMA, HSDPA, HSUPA
Conducuted Spurious Emission	4132 to 4233	4182	WCDMA, HSDPA, HSUPA
Radiated Spurious Emission	4132 to 4233	4182	WCDMA, HSDPA, HSUPA
Band Edge	4132 to 4233	4132, 4233	WCDMA, HSDPA, HSUPA
Peak to Average Ratio	4132 to 4233	4132, 4182, 4233	WCDMA, HSDPA, HSUPA
Frequency Stability	4132 to 4233	4182	WCDMA, HSDPA, HSUPA

LTE BAND 5					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK, 16QAM	1RB/3RB/6RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	1RB/8RB/15RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	1RB/12RB/25RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	1RB/25RB/50RB
Occupied Bandwidth	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK, 16QAM	6 RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	15 RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	25 RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	50 RB
Conducted Spurious Emission	20407 to 20643	20525	1.4MHz	QPSK	1 RB
	20415 to 20635	20525	3MHz	QPSK	1 RB
	20425 to 20625	20525	5MHz	QPSK	1 RB
	20450 to 20600	20525	10MHz	QPSK	1 RB
Radiated Spurious Emission	20407 to 20643	20407	1.4MHz	QPSK	1 RB
	20450 to 20600	20525	10MHz	QPSK	1 RB
Band Edge	20407 to 20643	20407	1.4MHz	QPSK	1 RB
		20643	1.4MHz	QPSK	6 RB
	20415 to 20635	20415	3MHz	QPSK	1 RB
		20635	3MHz	QPSK	15 RB
	20425 to 20625	20425	5MHz	QPSK	1 RB
		20625	5MHz	QPSK	25 RB
	20450 to 20600	20450	10MHz	QPSK	1 RB
		20600	10MHz	QPSK	50 RB
	20407 to 20643	20407	1.4MHz	QPSK	1 RB
		20643	1.4MHz	QPSK	6 RB
	20415 to 20635	20415	3MHz	QPSK	1 RB
		20635	3MHz	QPSK	15 RB
Peak To Average Ratio	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK, 16QAM	1 RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	1 RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	1 RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	1 RB
Frequency Stability	20407 to 20643	20525	1.4MHz	QPSK	1 RB
	20415 to 20635	20525	3MHz	QPSK	1 RB
	20425 to 20625	20525	5MHz	QPSK	1 RB
	20450 to 20600	20525	10MHz	QPSK	1 RB

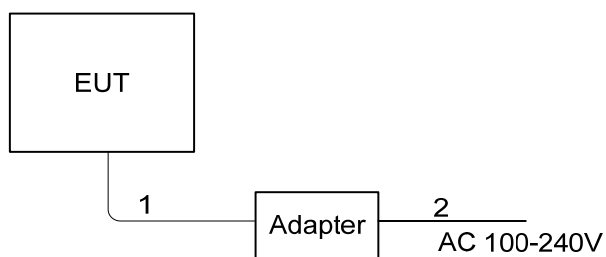
LTE BAND 26					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1 RB / 5 RB Offset
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	1 RB / 14 RB Offset
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	1 RB / 24 RB Offset
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	1 RB / 49 RB Offset
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	1 RB / 49 RB Offset
Occupied Bandwidth	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1 RB / 0 RB Offset
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	15 RB / 0 RB Offset
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	25 RB / 0 RB Offset
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	50 RB / 0 RB Offset
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	75 RB / 0 RB Offset
Conducted Spurious Emission	26797 to 27033	26915	1.4MHz	QPSK	1 RB / 0 RB Offset
	26805 to 27025	26915	3MHz	QPSK	15 RB / 0 RB Offset
	26815 to 27015	26915	5MHz	QPSK	25 RB / 0 RB Offset
	26840 to 26990	26915	10MHz	QPSK	1 RB / 0 RB Offset
	26865 to 26965	26915	15MHz	QPSK	25 RB / 0 RB Offset
Radiated Spurious Emission	26797 to 27033	26797	1.4MHz	QPSK	1 RB / 5 RB Offset
	26865 to 26965	26797	15MHz	QPSK	1 RB / 0 RB Offset
Band Edge	26797 to 27033	26797	1.4MHz	QPSK	1 RB / 0 RB Offset 6 RB / 0 RB Offset
		27033	1.4MHz	QPSK	1 RB / 5 RB Offset 6 RB / 0 RB Offset
	26805 to 27025	26805	3MHz	QPSK	1 RB / 0 RB Offset 15 RB / 0 RB Offset
		27025	3MHz	QPSK	1 RB / 14 RB Offset 15 RB / 0 RB Offset
	26815 to 27015	26815	5MHz	QPSK	1 RB / 0 RB Offset 25 RB / 0 RB Offset
		27015	5MHz	QPSK	1 RB / 24 RB Offset 25 RB / 0 RB Offset
	26840 to 26990	26840	10MHz	QPSK	1 RB / 0 RB Offset 50 RB / 0 RB Offset
		26990	10MHz	QPSK	1 RB / 49 RB Offset 50 RB / 0 RB Offset
	26865 to 26965	26865	15MHz	QPSK	1 RB / 0 RB Offset 75 RB / 0 RB Offset
		26965	15MHz	QPSK	1 RB / 74 RB Offset 75 RB / 0 RB Offset

Peak To Average Ratio	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1 RB / 0 RB Offset
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	15 RB / 0 RB Offset
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	25 RB / 0 RB Offset
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	50 RB / 0 RB Offset
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	75 RB / 0 RB Offset
Frequency Stability	26797 to 27033	26915	1.4MHz	QPSK	1 RB / 5 RB Offset
	26805 to 27025	26915	3MHz	QPSK	1 RB / 14 RB Offset
	26815 to 27015	26915	5MHz	QPSK	1 RB / 24 RB Offset
	26840 to 26990	26915	10MHZ	QPSK	1 RB / 49 RB Offset
	26865 to 26965	26915	15MHZ	QPSK	1 RB / 49 RB Offset

EUT TEST CONDITIONS:

Test Item	Environmental Conditions	Test Voltage
ERP	25°C, 60%RH	DC 7.68V
Conducted Output Power	25°C, 65%RH	DC 7.68V
Occupied Bandwidth	25°C, 65%RH	DC 7.68V
Conducted Spurious Emission	25°C, 65%RH	DC 7.68V
Radiated Spurious Emission	25°C, 60%RH	AC 120V/60Hz
Band Edge	25°C, 65%RH	DC 7.68V
Peak to Average Ratio	25°C, 65%RH	DC 7.68V
Frequency Stability	Nornal and Extreme	Nornal and Extreme

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED FOR RADIATED



3.4 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.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.6m	DC Cable
2	NO	NO	1.0m	AC Cable

4. TEST RESULT

4.1 OUTPUT POWER MEASUREMENT

4.1.1 LIMIT

Mobile / Portable station are limited to 7 watts e.r.p.

4.1.2 TEST PROCEDURE

EIRP/ERP:

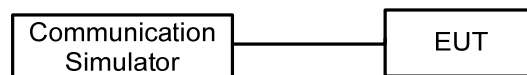
1. EIRP= Conducted Power +Antenan gain
ERP power=EIPR power-2.15dBi.

Conducted Power:

The EUT was set up for the maximum power with WCDMA and LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

4.1.3 TESTSETUP LAYOUT

Conducted Power Measurement



4.1.4 TEST DEVIATION

No deviation

4.1.5 TEST RESULTS

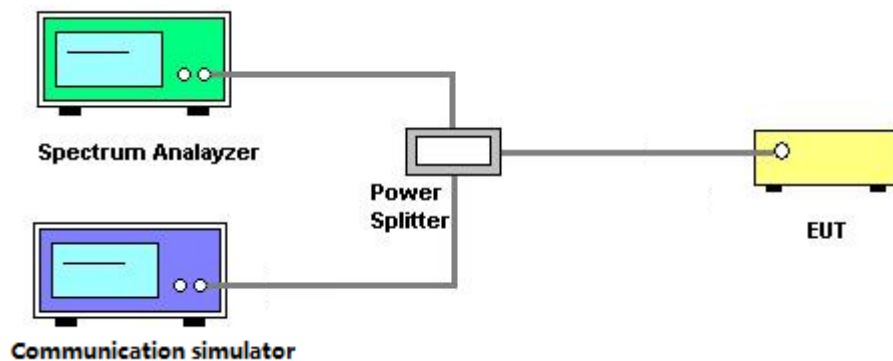
Please refer to the Appendix A.

4.2 OCCUPIED BANDWIDTH MEASUREMENT

4.2.1 TEST PROCEDURE

The EUT makes a call to the communication simulator. All measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth and 26dB bandwidth.

4.2.2 TEST SETUP LAYOUT



4.2.3 TEST DEVIATION

No deviation

4.2.4 TEST RESULTS

Please refer to the Appendix B.

4.3 CONDUCTED EMISSIONS MEASUREMENT

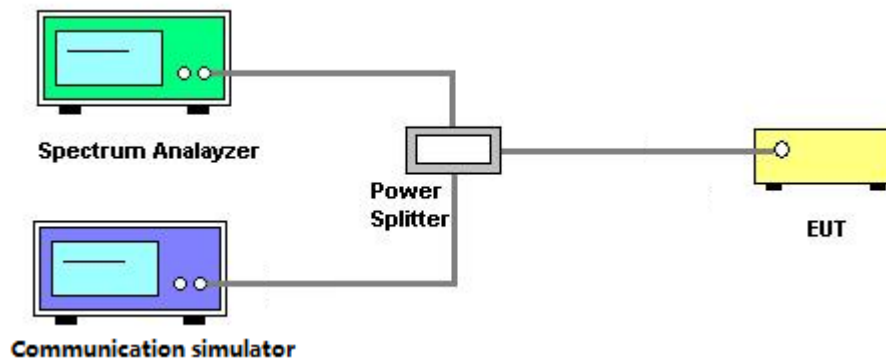
4.3.1 LIMIT

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.

4.3.2 TEST PROCEDURES

1. The testing follows FCC KDB 971168 v03 Section 6.0.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured. Set $RBW \geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Set spectrum analyzer with RMS detector.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from $43 + 10 \log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10 \log(P)](dB)$
 $= [30 + 10 \log(P)](dBm) - [43 + 10 \log(P)](dB)$
 $= -13dBm$

4.3.3 TESTSETUP LAYOUT



4.3.4 TESTDEVIATION

No deviation

4.3.5 TEST RESULTS

Please refer to the Appendix C.

4.4 RADIATED EMISSIONS MEASUREMENT

4.4.1 LIMIT

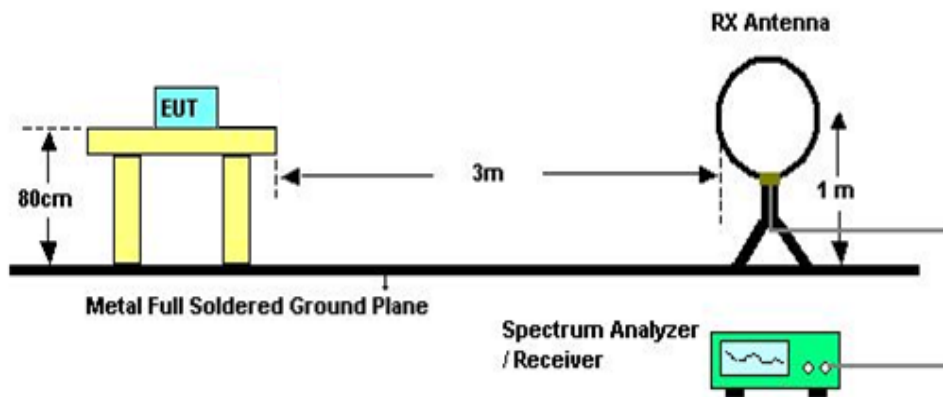
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

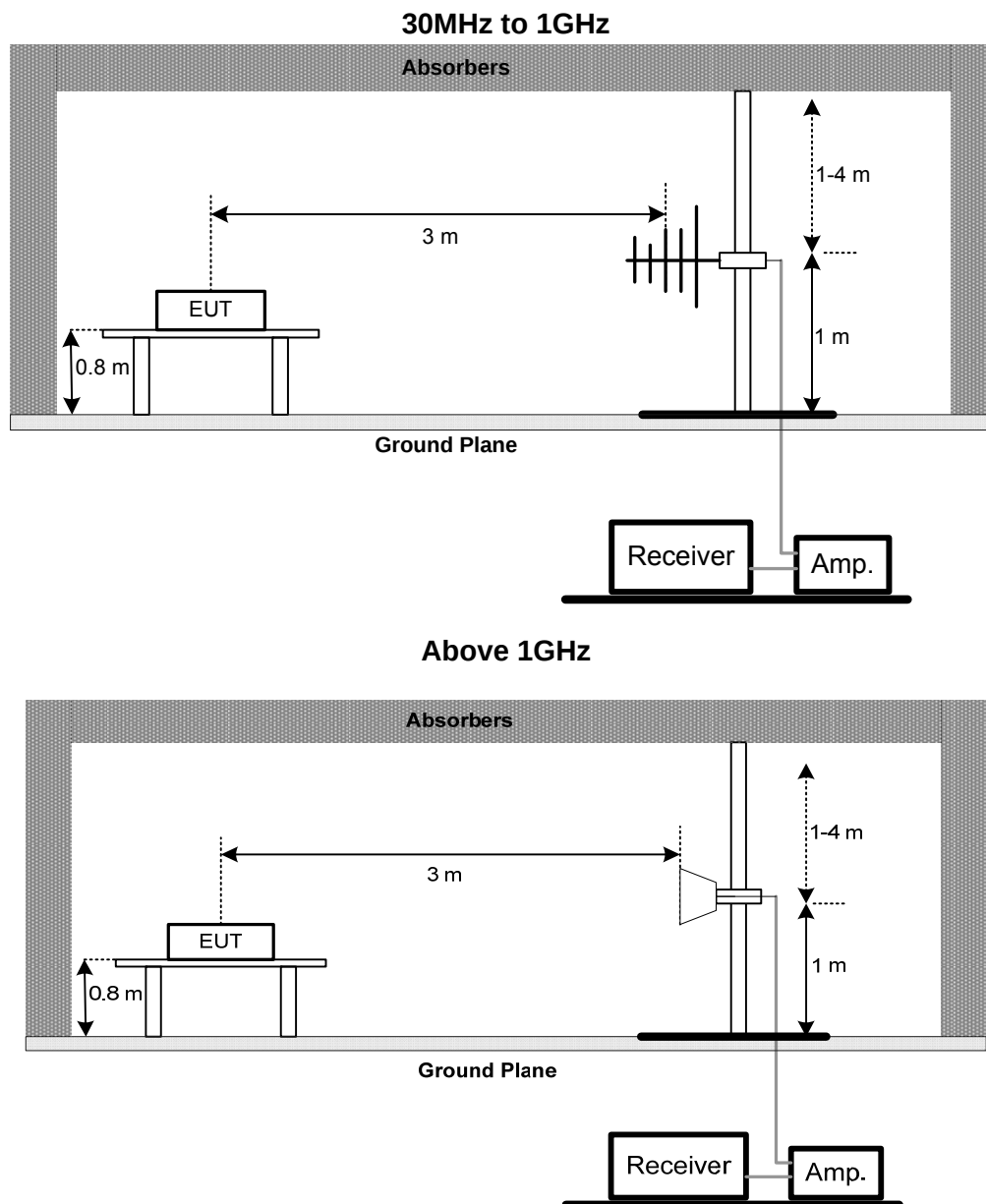
4.4.2 TEST PROCEDURES

1. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
2. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G
3. EIRP = Output power level of S.G - TX cable loss + Antenna gain of substitution horn.
4. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power - 2.15dBi.
5. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.4.3 TESTSETUP LAYOUT

Below 30MHz





4.4.4 TEST DEVIATION

No deviation

4.4.5 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Appendix D.

4.4.6 TEST RESULTS (30MHZ TO 1000MHZ)

Please refer to the Appendix E.

4.4.7 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the Appendix F.

4.5 BAND EDGE MEASUREMENT

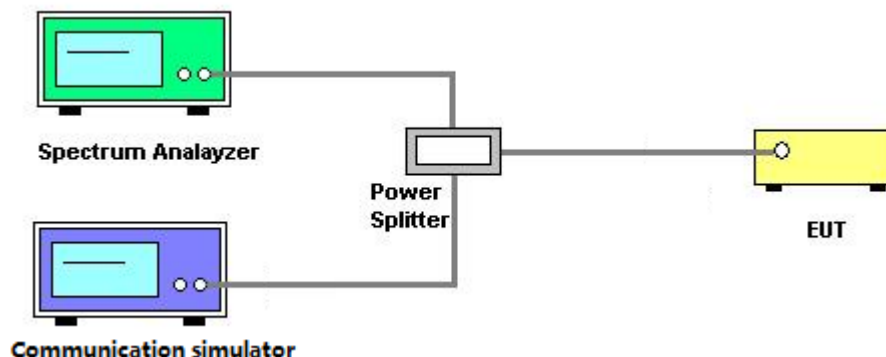
4.5.1 LIMIT

A 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. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4.5.2 TEST PROCEDURES

1. All measurements were done at low and high operational frequency range.
2. The center frequency of spectrum is the band edge frequency and span is 5MHz. RB of the spectrum is 100kHz and VB of the spectrum is 300kHz (WCDMA).
3. The center frequency of spectrum is the band edge frequency and span is 1MHz. RB of the spectrum is 13kHz and VB of the spectrum is 51kHz (LTE Bandwidth 1.4MHz).
4. The center frequency of spectrum is the band edge frequency and span is 1MHz. RB of the spectrum is 30kHz and VB of the spectrum is 100kHz (LTE Bandwidth 3MHz).
5. The center frequency of spectrum is the band edge frequency and span is 1MHz. RB of the spectrum is 100kHz and VB of the spectrum is 300kHz (LTE Bandwidth 5MHz/10MHz).
6. Record the max trace plot into the test report.

4.5.3 TESTSETUP LAYOUT



4.5.4 TESTDEVIATION

No deviation

4.5.5 TEST RESULTS

Please refer to the Appendix G.

4.6 PEAK TO AVERAGE RATIO MEASUREMENT

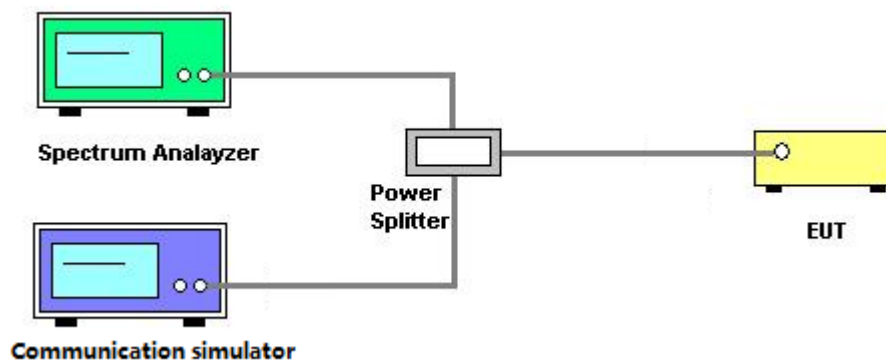
4.6.1 LIMIT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

4.6.2 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

4.6.3 TESTSETUP LAYOUT



4.6.4 TESTDEVIATION

No deviation

4.6.5 TEST RESULTS

Please refer to the Appendix H.

4.7 FREQUENCY STABILITY MEASUREMENT

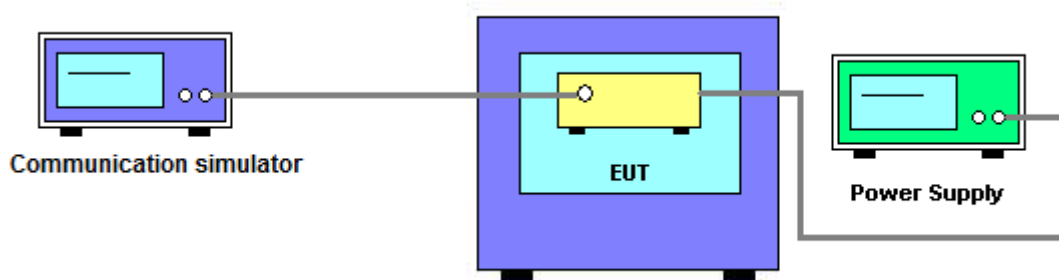
4.7.1 LIMIT

1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

4.7.2 TEST PROCEDURES

1. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
2. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
3. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.
4. The frequency error was recorded frequency error from the communication simulator.

4.7.3 TESTSETUP LAYOUT



4.7.4 TESTDEVIATION

No deviation

4.7.5 TEST RESULTS

Please refer to the Appendix I.

5. LIST OF MEASUREMENT EQUIPMENTS

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
3	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
4	HighPass Filter	Wairwright Instruments Gmbh	WHK 1.5/15G-10ST	11	Feb. 20, 2018
5	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 1710/1785-1690/180 5-60/12SS	38	Feb. 15, 2018
6	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 824/849-810/863-60/ 9SS	7	Feb. 15, 2018
7	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 880/915-860/935-60/ 9SS	14	Feb. 15, 2018
8	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 1850/1910-1830/193 0-60/10SS	17	Feb. 15, 2018
9	HighPass Filter	Wairwright Instruments Gmbh	WHK3.1/18G-10SS	24	Feb. 20, 2018
10	Wireless Communication Test SET	Agilent	E5515C	MY48364183	Mar. 26, 2018
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
12	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
13	wideband radio communication tester	R&S	CMW500	152372	Mar. 26, 2018
14	High pass filter	KANGMAIWEI	ZHPF-M3-12.75G-38 69	B2015073763	Aug. 04, 2018
15	High pass filter	KANGMAIWEI	ZHPF-M1000-4000-1	B2015073762	Aug. 04, 2018
16	High pass filter	KANGMAIWEI	ZHPF-M6-186-1727	B2015073764	Aug. 04, 2018
17	Cable	emci	LMR-400(30MHz-1G Hz)(8m+5m)	N/A	Jun. 26, 2018
18	Cable	emci	EMC104-SM-SM-120 00(12m)	N/A	Jun. 26, 2018
19	Controller	ETS-Lindgren	2090	N/A	N/A
20	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
21	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
22	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 22, 2018
23	Antenna	EM	EM-6876-1	230	Mar. 06, 2018

Conducted Emission & Band Edge & Occupied Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Mar. 26, 2018
2	POWER SPLITTER	Mini-Circuits	ZFRSC-123-S+	331000910-1	May. 16, 2018
3	wideband radio communication tester	R&S	CMW500	152372	Mar. 26, 2018

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Multi-output DC Power Supply	GW Instek	GPC-3030DN	EK880675	Sep. 26, 2020
2	POWER SPLITTER	Mini-Circuits	ZFRSC-123-S+	331000910-1	May. 16, 2018
3	wideband radio communication tester	R&S	CMW500	152372	Mar. 26, 2018
4	Const Temp,& Humidity Chamber	Bell	BTH-50C	20170306001	Mar. 26, 2018

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

APPENDIX A - OUTPUT POWER

Conducted Power:

Modulation	Band	WCDMA V		
	Tx Channel	4132CH	4182CH	4233CH
	Rx Channel	4357CH	4407CH	4458CH
	Frequency	826.4MHz	836.4MHz	846.6MHz
BPSK	RMC 12.2K	22.98	22.80	22.97
	RMC 64K	22.99	22.81	23.00
	RMC 144K	22.96	22.77	22.94
	RMC 384K	23.00	23.04	22.95
16QAM	HSDPA Subtest-1	21.78	21.65	21.77
	HSDPA Subtest-2	21.75	21.62	21.72
	HSDPA Subtest-3	21.45	21.36	21.43
	HSDPA Subtest-4	21.51	21.44	21.45
16QAM	HSUPA Subtest-1	22.01	21.80	21.91
	HSUPA Subtest-2	21.47	21.41	21.39
	HSUPA Subtest-3	21.97	21.82	21.88
	HSUPA Subtest-4	21.95	21.76	21.84
	HSUPA Subtest-5	21.95	21.82	21.89

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20407 CH	20525 CH	20643 CH
				824.7 MHz	836.5 MHz	848.3 MHz
5 / 1.4M	QPSK	1	0	22.91	22.72	22.76
		1	2	22.77	22.80	22.64
		1	5	22.90	22.72	22.80
		3	0	22.63	22.58	22.61
		3	1	22.69	22.52	22.67
		3	3	22.63	22.55	22.69
		6	0	21.55	21.45	21.57
	16QAM	1	0	21.76	21.81	22.01
		1	2	22.08	21.73	22.17
		1	5	21.75	21.82	22.03
		3	0	21.78	21.52	21.84
		3	1	21.78	21.60	21.86
		3	3	21.81	21.61	21.89
		6	0	20.80	20.63	20.52

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20415 CH	20525 CH	20635 CH
				825.5 MHz	836.5 MHz	847.5 MHz
5 / 3M	QPSK	1	0	22.62	22.57	22.53
		1	7	22.63	22.87	22.66
		1	14	22.57	22.75	22.70
		8	0	21.54	21.48	21.56
		8	3	21.53	21.56	21.63
		8	7	21.40	21.54	21.65
		15	0	21.51	21.49	21.61
	16QAM	1	0	21.65	22.09	21.68
		1	7	21.53	22.02	21.83
		1	14	21.56	22.12	21.68
		8	0	20.65	20.55	20.54
		8	3	20.69	20.62	20.67
		8	7	20.61	20.57	20.72
		15	0	20.62	20.55	20.56

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20425 CH	20525 CH	20625 CH
				826.5 MHz	836.5 MHz	846.5 MHz
5 / 5M	QPSK	1	0	22.70	22.56	22.58
		1	12	22.70	22.71	22.74
		1	24	22.55	22.50	22.74
		12	0	21.50	21.43	21.47
		12	6	21.55	21.54	21.49
		12	13	21.54	21.49	21.54
		25	0	21.53	21.43	21.46
	16QAM	1	0	21.80	22.09	21.57
		1	12	21.77	22.18	21.75
		1	24	21.50	22.08	21.78
		12	0	20.67	20.57	20.51
		12	6	20.65	20.70	20.59
		12	13	20.61	20.63	20.60
		25	0	20.57	20.49	20.46

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20450 CH	20525 CH	20600 CH
				829.0 MHz	836.5 MHz	844.0 MHz
5 / 10M	QPSK	1	0	22.65	22.68	22.51
		1	24	22.53	22.72	22.51
		1	49	22.40	22.63	22.54
		25	0	21.49	21.40	21.50
		25	12	21.42	21.51	21.51
		25	25	21.42	21.48	21.46
		50	0	21.43	21.49	21.50
	16QAM	1	0	21.75	21.80	21.77
		1	24	21.50	21.95	21.66
		1	49	21.62	21.85	21.86
		25	0	20.56	20.42	20.65
		25	12	20.48	20.57	20.60
		25	25	20.45	20.52	20.52
		50	0	20.40	20.52	20.56

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26797 CH	26915 CH	27033 CH
				824.7MHz	836.5MHz	848.3MHz
26 / 1.4M	QPSK	1	0	22.93	22.64	22.65
		1	2	22.96	22.60	22.76
		1	5	23.13	22.67	22.64
		3	0	22.89	22.42	22.50
		3	1	22.97	22.42	22.54
		3	2	22.92	22.41	22.57
		6	0	21.85	21.39	21.48
	16QAM	1	0	22.04	21.95	21.60
		1	2	22.18	22.01	21.78
		1	5	22.20	21.95	21.64
		3	0	21.92	21.70	21.65
		3	1	22.06	21.66	21.67
		3	2	21.97	21.69	21.70
		6	0	20.97	20.30	20.59

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26805 CH	26915 CH	27025 CH
				825.5MHz	836.5MHz	847.5MHz
26 / 3M	QPSK	1	0	22.97	22.78	22.66
		1	7	22.93	22.69	22.57
		1	14	22.95	22.64	22.60
		8	0	21.87	21.48	21.53
		8	4	21.90	21.49	21.59
		8	7	21.85	21.52	21.56
		15	0	21.84	21.53	21.55
	16QAM	1	0	21.93	22.07	21.71
		1	7	22.00	21.93	21.67
		1	14	21.88	22.05	21.58
		8	0	20.94	20.52	20.52
		8	4	20.98	20.50	20.56
		8	7	20.90	20.54	20.54
		15	0	20.89	20.54	20.43

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26815 CH	26915 CH	27015 CH
				826.5MHz	836.5MHz	846.5MHz
26 / 5M	QPSK	1	0	22.96	22.58	22.73
		1	13	23.06	22.63	22.79
		1	24	22.93	22.51	22.66
		12	0	21.87	21.40	21.46
		12	6	21.90	21.56	21.56
		12	11	21.79	21.41	21.52
		25	0	21.81	21.41	21.48
	16QAM	1	0	22.18	22.22	21.76
		1	13	22.26	22.10	21.77
		1	24	21.95	22.18	21.70
		12	0	21.01	20.48	20.48
		12	6	20.96	20.66	20.59
		12	11	20.87	20.49	20.55
		25	0	20.76	20.43	20.44

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26840 CH	26915 CH	26990 CH
				829.0MHz	836.5MHz	844.0MHz
26 / 10M	QPSK	1	0	22.86	22.73	22.47
		1	25	22.86	22.92	22.61
		1	49	22.64	22.51	22.43
		25	0	21.76	21.50	21.51
		25	13	21.79	21.46	21.63
		25	25	21.66	21.42	21.49
		50	0	21.79	21.44	21.56
	16QAM	1	0	21.94	21.99	21.73
		1	25	21.87	21.85	21.82
		1	49	21.91	21.67	21.77
		25	0	20.76	20.48	20.57
		25	13	20.81	20.51	20.67
		25	25	20.67	20.46	20.52
		50	0	20.73	20.40	20.60

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26865 CH	26915 CH	26965 CH
				831.5MHz	836.5MHz	841.5MHz
26 / 15M	QPSK	1	0	23.11	22.94	22.86
		1	38	22.92	22.81	22.88
		1	74	22.67	22.85	22.74
		36	0	21.97	22.85	21.71
		36	18	21.90	21.77	21.81
		36	39	21.73	21.63	21.77
		75	0	21.93	21.71	21.73
	16QAM	1	0	22.02	22.08	22.02
		1	38	21.83	21.98	22.06
		1	74	21.63	21.99	21.93
		36	0	20.88	21.99	20.71
		36	18	20.83	20.75	20.74
		36	39	20.71	20.61	20.68
		75	0	20.89	20.72	20.72

ERP Power:

Modulation	Band	WCDMA V		
	Tx Channel	4132CH	4182CH	4233CH
	Rx Channel	4357CH	4407CH	4458CH
	Frequency	826.4MHz	836.4MHz	846.6MHz
BPSK	RMC 12.2K	22.55	22.37	22.54
	RMC 64K	22.56	22.38	22.57
	RMC 144K	22.53	22.34	22.51
	RMC 384K	22.57	22.61	22.52
16QAM	HSDPA Subtest-1	21.35	21.22	21.34
	HSDPA Subtest-2	21.32	21.19	21.29
	HSDPA Subtest-3	21.02	20.93	21.00
	HSDPA Subtest-4	21.08	21.01	21.02
16QAM	HSUPA Subtest-1	21.58	21.37	21.48
	HSUPA Subtest-2	21.04	20.98	20.96
	HSUPA Subtest-3	21.54	21.39	21.45
	HSUPA Subtest-4	21.52	21.33	21.41
	HSUPA Subtest-5	21.52	21.39	21.46

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20407 CH	20525 CH	20643 CH
				824.7 MHz	836.5 MHz	848.3 MHz
5 / 1.4M	QPSK	1	0	22.48	22.29	22.33
		1	2	22.34	22.37	22.21
		1	5	22.47	22.29	22.37
		3	0	22.20	22.15	22.18
		3	1	22.26	22.09	22.24
		3	3	22.20	22.12	22.26
		6	0	21.12	21.02	21.14
	16QAM	1	0	21.33	21.38	21.58
		1	2	21.65	21.30	21.74
		1	5	21.32	21.39	21.60
		3	0	21.35	21.09	21.41
		3	1	21.35	21.17	21.43
		3	3	21.38	21.18	21.46
		6	0	20.37	20.20	20.09

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20415 CH	20525 CH	20635 CH
				825.5 MHz	836.5 MHz	847.5 MHz
5 / 3M	QPSK	1	0	22.19	22.14	22.10
		1	7	22.20	22.44	22.23
		1	14	22.14	22.32	22.27
		8	0	21.11	21.05	21.13
		8	3	21.10	21.13	21.20
		8	7	20.97	21.11	21.22
		15	0	21.08	21.06	21.18
	16QAM	1	0	21.22	21.66	21.25
		1	7	21.10	21.59	21.40
		1	14	21.13	21.69	21.25
		8	0	20.22	20.12	20.11
		8	3	20.26	20.19	20.24
		8	7	20.18	20.14	20.29
		15	0	20.19	20.12	20.13

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20425 CH	20525 CH	20625 CH
				826.5 MHz	836.5 MHz	846.5 MHz
5 / 5M	QPSK	1	0	22.27	22.13	22.15
		1	12	22.27	22.28	22.31
		1	24	22.12	22.07	22.31
		12	0	21.07	21.00	21.04
		12	6	21.12	21.11	21.06
		12	13	21.11	21.06	21.11
		25	0	21.10	21.00	21.03
	16QAM	1	0	21.37	21.66	21.14
		1	12	21.34	21.75	21.32
		1	24	21.07	21.65	21.35
		12	0	20.24	20.14	20.08
		12	6	20.22	20.27	20.16
		12	13	20.18	20.20	20.17
		25	0	20.14	20.06	20.03

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20450 CH	20525 CH	20600 CH
				829.0 MHz	836.5 MHz	844.0 MHz
5 / 10M	QPSK	1	0	22.22	22.25	22.08
		1	24	22.10	22.29	22.08
		1	49	21.97	22.20	22.11
		25	0	21.06	20.97	21.07
		25	12	20.99	21.08	21.08
		25	25	20.99	21.05	21.03
		50	0	21.00	21.06	21.07
	16QAM	1	0	21.32	21.37	21.34
		1	24	21.07	21.52	21.23
		1	49	21.19	21.42	21.43
		25	0	20.13	19.99	20.22
		25	12	20.05	20.14	20.17
		25	25	20.02	20.09	20.09
		50	0	19.97	20.09	20.13

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26797 CH	26915 CH	27033 CH
				824.7MHz	836.5MHz	848.3MHz
26 / 1.4M	QPSK	1	0	22.50	22.21	22.22
		1	2	22.53	22.17	22.33
		1	5	22.70	22.24	22.21
		3	0	22.46	21.99	22.07
		3	1	22.54	21.99	22.11
		3	2	22.49	21.98	22.14
		6	0	21.42	20.96	21.05
	16QAM	1	0	21.61	21.52	21.17
		1	2	21.75	21.58	21.35
		1	5	21.77	21.52	21.21
		3	0	21.49	21.27	21.22
		3	1	21.63	21.23	21.24
		3	2	21.54	21.26	21.27
		6	0	20.54	19.87	20.16

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26805 CH	26915 CH	27025 CH
				825.5MHz	836.5MHz	847.5MHz
26 / 3M	QPSK	1	0	22.54	22.35	22.23
		1	7	22.50	22.26	22.14
		1	14	22.52	22.21	22.17
		8	0	21.44	21.05	21.10
		8	4	21.47	21.06	21.16
		8	7	21.42	21.09	21.13
		15	0	21.41	21.10	21.12
	16QAM	1	0	21.50	21.64	21.28
		1	7	21.57	21.50	21.24
		1	14	21.45	21.62	21.15
		8	0	20.51	20.09	20.09
		8	4	20.55	20.07	20.13
		8	7	20.47	20.11	20.11
		15	0	20.46	20.11	20.00

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26815 CH	26915 CH	27015 CH
				826.5MHz	836.5MHz	846.5MHz
26 / 5M	QPSK	1	0	22.53	22.15	22.30
		1	13	22.63	22.20	22.36
		1	24	22.50	22.08	22.23
		12	0	21.44	20.97	21.03
		12	6	21.47	21.13	21.13
		12	11	21.36	20.98	21.09
		25	0	21.38	20.98	21.05
	16QAM	1	0	21.75	21.79	21.33
		1	13	21.83	21.67	21.34
		1	24	21.52	21.75	21.27
		12	0	20.58	20.05	20.05
		12	6	20.53	20.23	20.16
		12	11	20.44	20.06	20.12
		25	0	20.33	20.00	20.01

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26840 CH	26915 CH	26990 CH
				829.0MHz	836.5MHz	844.0MHz
26 / 10M	QPSK	1	0	22.42	22.30	22.04
		1	25	22.42	22.49	22.18
		1	49	22.21	22.07	22.00
		25	0	21.33	21.06	21.08
		25	13	21.36	21.03	21.19
		25	25	21.23	20.99	21.05
		50	0	21.36	21.00	21.12
	16QAM	1	0	21.51	21.56	21.30
		1	25	21.43	21.42	21.39
		1	49	21.48	21.24	21.34
		25	0	20.33	20.05	20.13
		25	13	20.38	20.07	20.23
		25	25	20.24	20.02	20.09
		50	0	20.30	19.97	20.17

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				26865 CH	26915 CH	26965 CH
				831.5MHz	836.5MHz	841.5MHz
26 / 15M	QPSK	1	0	22.68	22.51	22.43
		1	38	22.49	22.38	22.45
		1	74	22.24	22.42	22.31
		36	0	21.54	22.42	21.28
		36	18	21.47	21.34	21.38
		36	39	21.30	21.20	21.34
		75	0	21.50	21.28	21.30
	16QAM	1	0	21.59	21.65	21.59
		1	38	21.40	21.55	21.63
		1	74	21.20	21.56	21.50
		36	0	20.45	21.56	20.28
		36	18	20.40	20.32	20.31
		36	39	20.28	20.18	20.25
		75	0	20.46	20.29	20.29

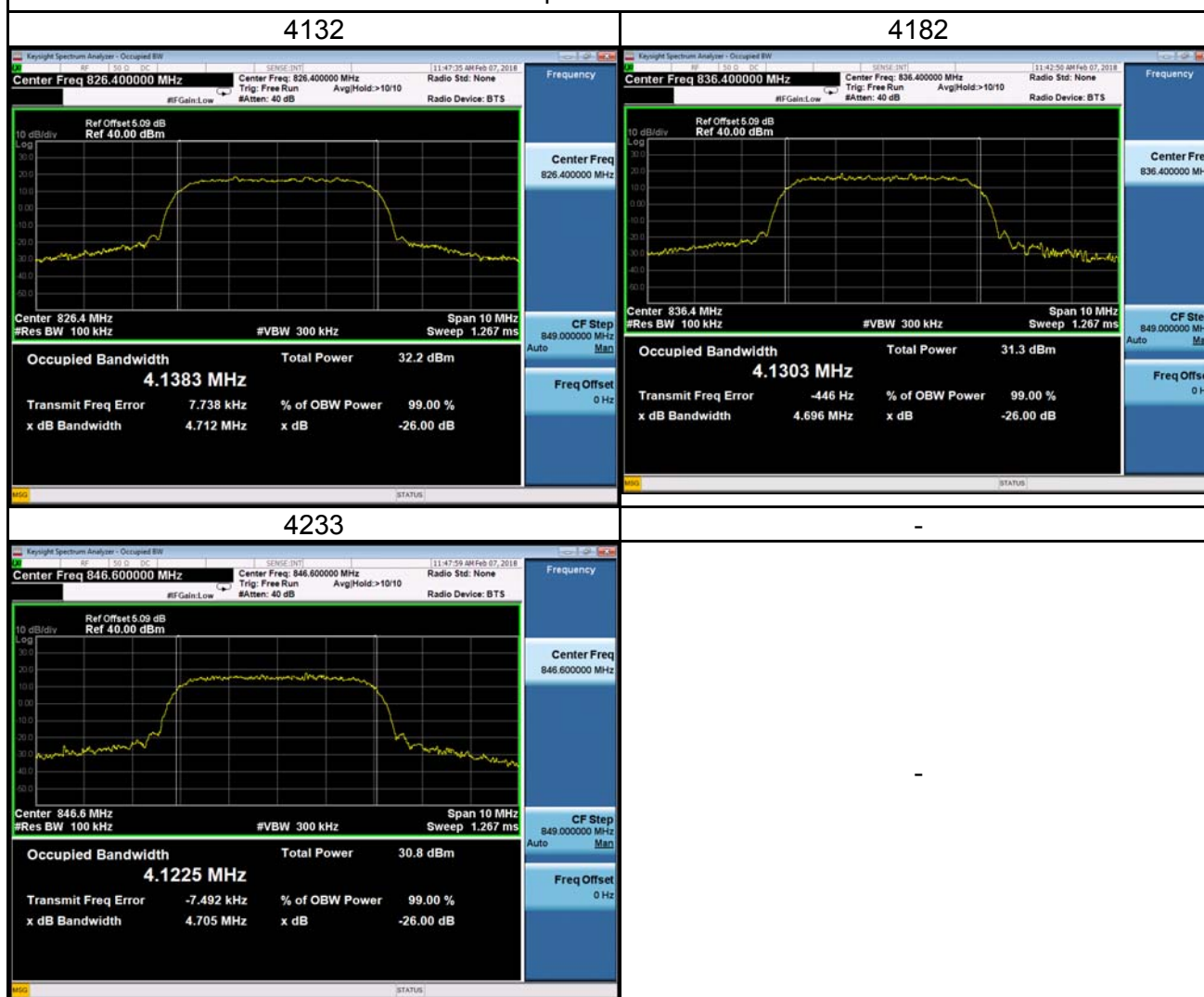
APPENDIX B - OCCUPIED BANDWIDTH

WCDMA Band V

BPSK

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
4132	826.4	4.1383	4132	826.4	4.712
4182	836.4	4.1303	4182	836.4	4.696
4233	846.6	4.1225	4233	846.6	4.705

Spectrum Plot



WCDMA_HSDPA Band V

16QAM

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
4132	826.4	4.1286	4132	826.4	4.718
4182	836.4	4.1461	4182	836.4	4.726
4233	846.6	4.1312	4233	846.6	4.729

Spectrum Plot

4132



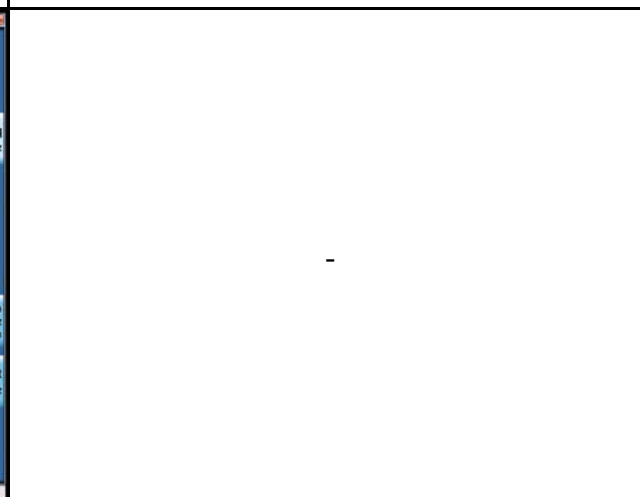
4182



4233



-



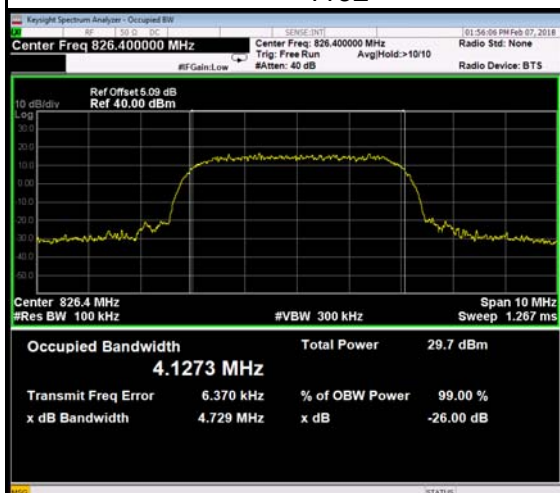
WCDMA_HSUPA Band V

16QAM

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
4132	826.4	4.1273	4132	826.4	4.729
4182	836.4	4.1377	4182	836.4	4.727
4233	846.6	4.1472	4233	846.6	4.712

Spectrum Plot

4132



4182



4233



-

LTE Band 5_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20407	824.7	1.0839	20407	824.7	1.0882
20525	836.5	1.0859	20525	836.5	1.0892
20643	848.3	1.0937	20643	848.3	1.0815
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20407	824.7	1.222	20407	824.7	1.223
20525	836.5	1.232	20525	836.5	1.223
20643	848.3	1.239	20643	848.3	1.236

Spectrum Plot

QPSK-20407



QPSK-20525



QPSK-20643



16QAM-20407



16QAM-20525



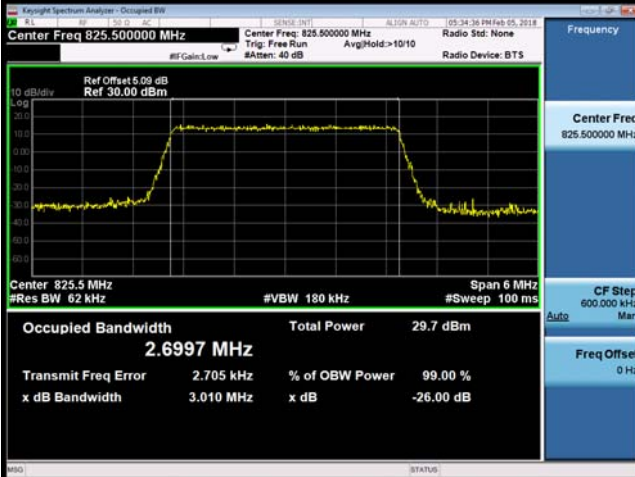
16QAM-20643



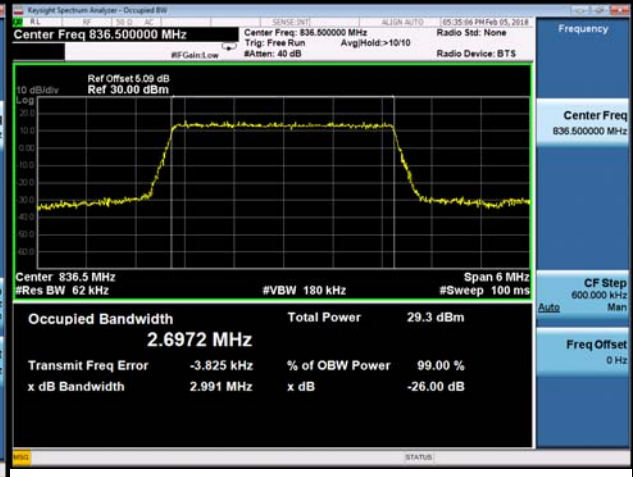
LTE Band 5_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20415	825.5	2.6997	20415	825.5	2.7022
20525	836.5	2.6972	20525	836.5	2.6984
20635	847.5	2.6995	20635	847.5	2.6935
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20415	825.5	3.010	20415	825.5	3.015
20525	836.5	2.991	20525	836.5	2.988
20635	847.5	2.973	20635	847.5	2.995

Spectrum Plot

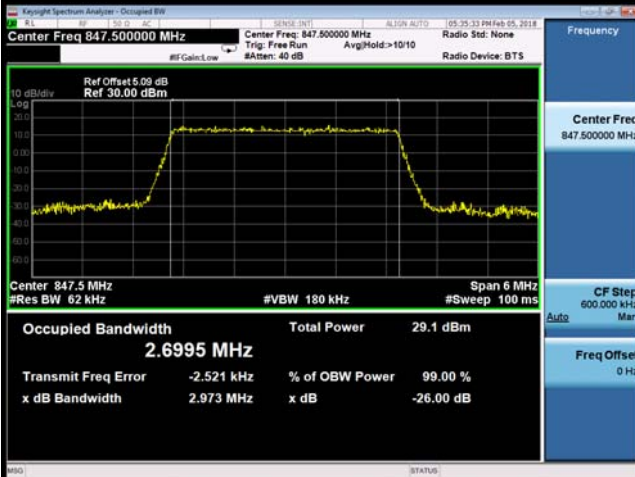
QPSK-20415



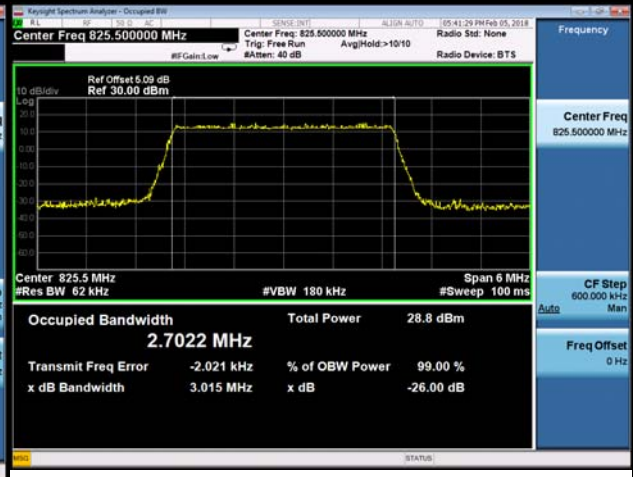
QPSK-20525



QPSK-20635



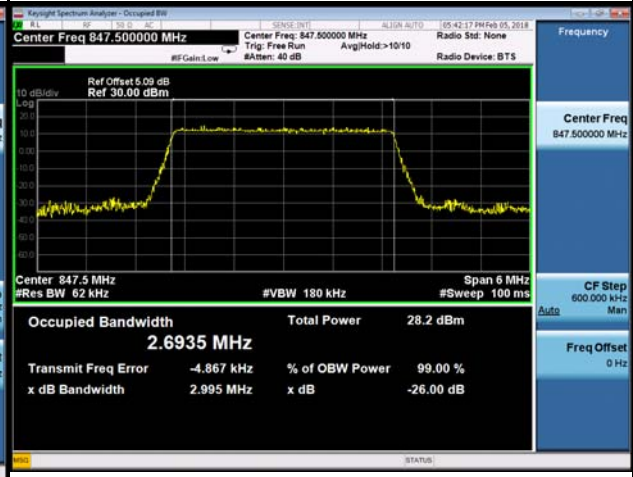
16QAM-20415



16QAM-20525



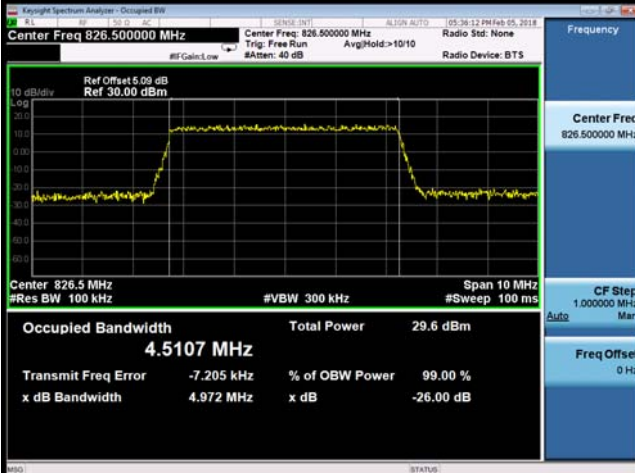
16QAM-20635



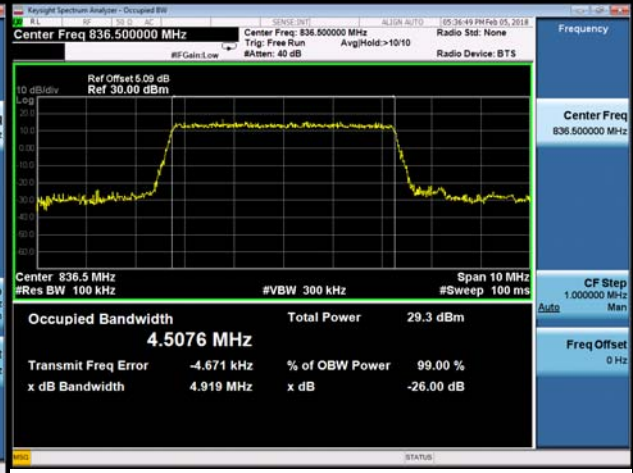
LTE Band 5_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20425	826.5	4.5107	20425	826.5	4.5045
20525	836.5	4.5076	20525	836.5	4.4959
20625	846.5	4.5082	20625	846.5	4.4885
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20425	826.5	4.972	20425	826.5	4.979
20525	836.5	4.919	20525	836.5	4.960
20625	846.5	4.950	20625	846.5	4.900

Spectrum Plot

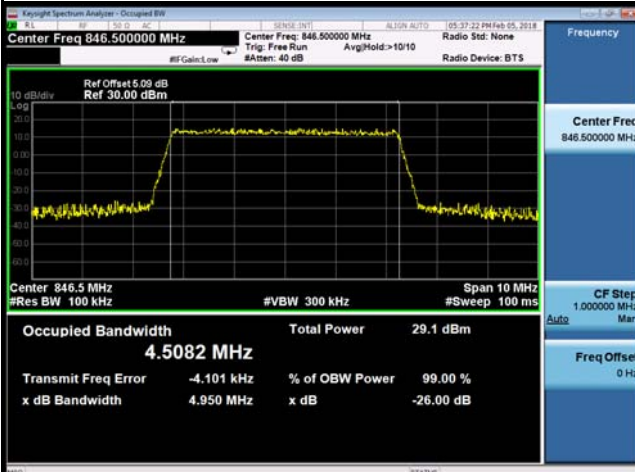
QPSK-20425



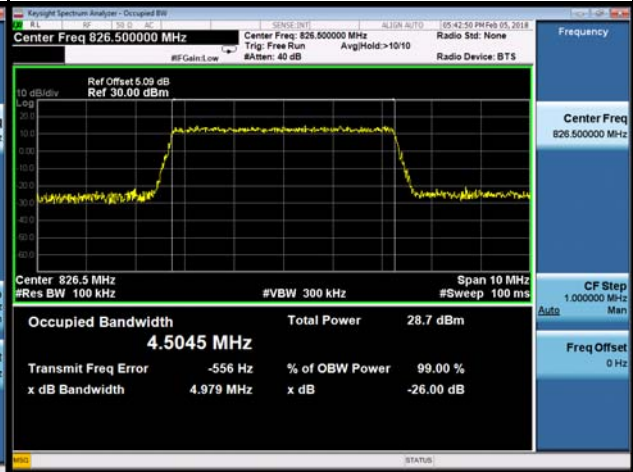
QPSK-20525



QPSK-20625



16QAM-20425



16QAM-20525



16QAM-20625



LTE Band 5_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20450	829.0	8.9766	20450	829.0	8.9654
20525	836.5	8.9769	20525	836.5	8.9544
20600	844.0	8.9698	20600	844.0	8.9498
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20450	829.0	9.857	20450	829.0	9.816
20525	836.5	9.825	20525	836.5	9.804
20600	844.0	9.767	20600	844.0	9.724

Spectrum Plot

QPSK-20450



QPSK-20525



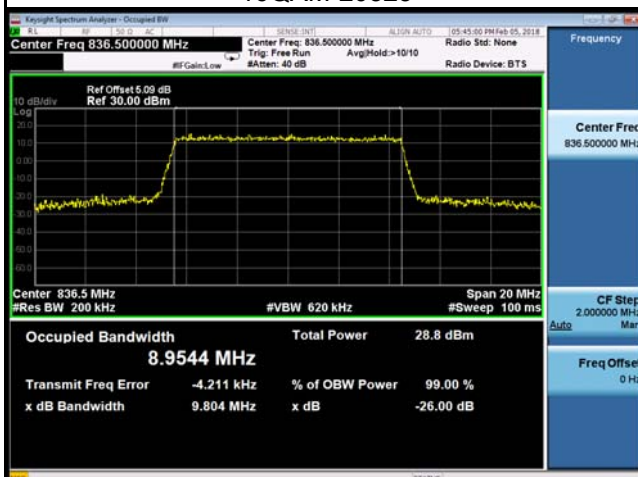
QPSK-20600



16QAM-20450



16QAM-20525



16QAM-20600



LTE Band 26_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26797	814.7	1.0887	26797	814.7	1.0891
26915	831	1.0966	26915	831	1.0894
27033	848.3	1.0887	27033	848.3	1.0900
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26797	814.7	1.237	26797	814.7	1.224
26915	831	1.228	26915	831	1.235
27033	848.3	1.234	27033	848.3	1.241

Spectrum Plot

QPSK-26797



QPSK-26915



QPSK-27033



16QAM-26797



16QAM-26915



16QAM-27033



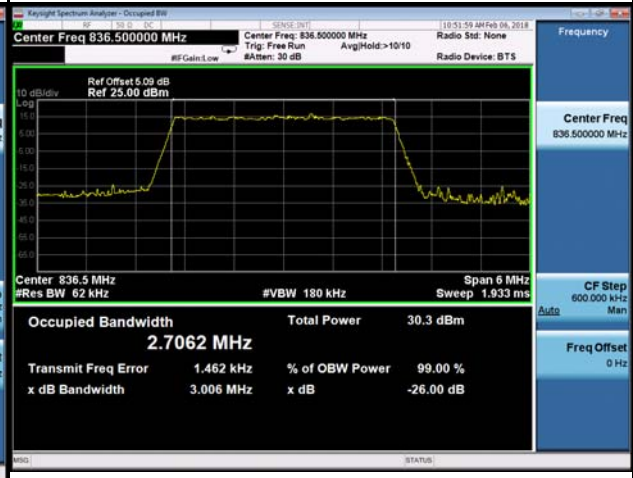
LTE Band 26_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26805	815.5	2.7145	26805	815.5	2.7042
26915	831	2.7062	26915	831	2.6982
27025	847.5	2.7055	27025	847.5	2.7018
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26805	815.5	3.011	26805	815.5	3.011
26915	831	3.006	26915	831	3.025
27025	847.5	2.989	27025	847.5	3.008

Spectrum Plot

QPSK-26805



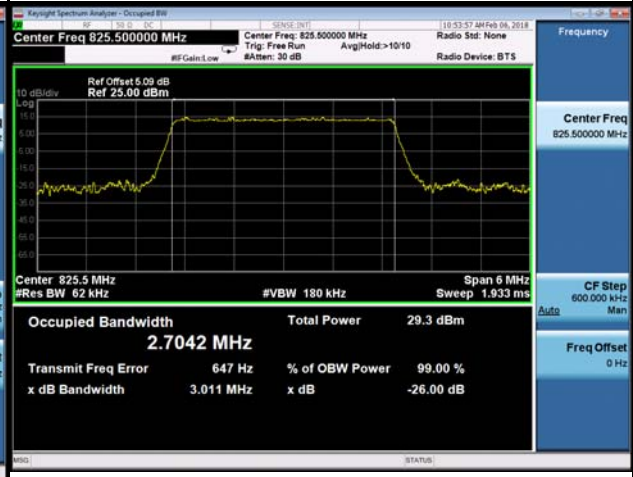
QPSK-26915



QPSK-27025



16QAM-26805



16QAM-26915



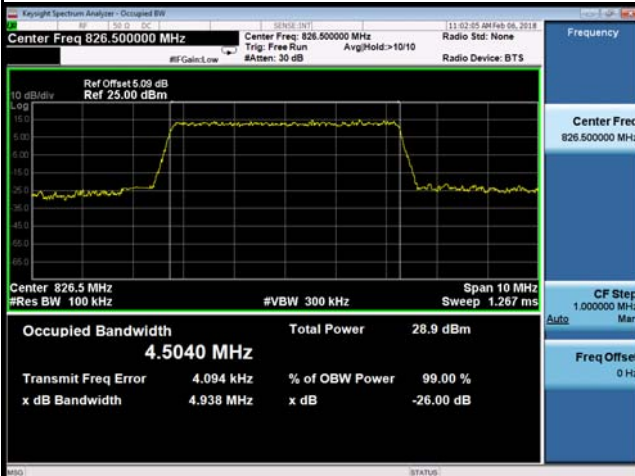
16QAM-27025



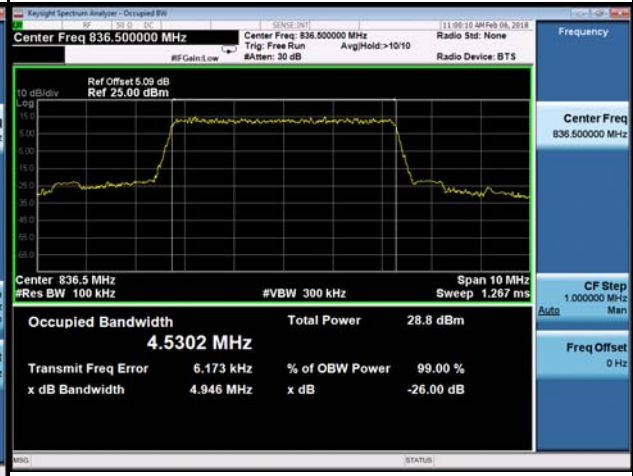
LTE Band 26_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26815	816.5	4.5040	26815	816.5	4.5194
26915	831	4.5302	26915	831	4.5031
27015	846.5	4.5068	27015	846.5	4.5128
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26815	816.5	4.938	26815	816.5	4.973
26915	831	4.946	26915	831	4.945
27015	846.5	4.909	27015	846.5	4.976

Spectrum Plot

QPSK-26815



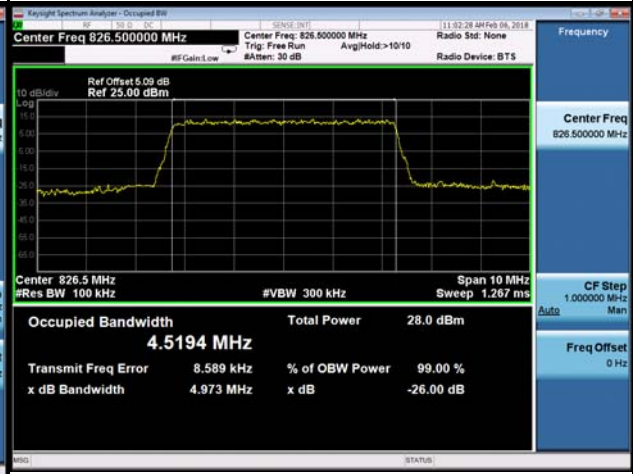
QPSK-26915



QPSK-20715



16QAM-26815



16QAM-26915



16QAM-20715



LTE Band 26_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26840	819	8.9567	26840	819	8.9711
26915	831	8.9839	26915	831	8.9969
26990	844	8.9731	26990	844	8.9633
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26840	819	9.858	26840	819	9.743
26915	831	9.882	26915	831	9.815
26990	844	9.856	26990	844	9.771

Spectrum Plot

QPSK-26840



QPSK-26915



QPSK-26990



16QAM-26840



16QAM-26915



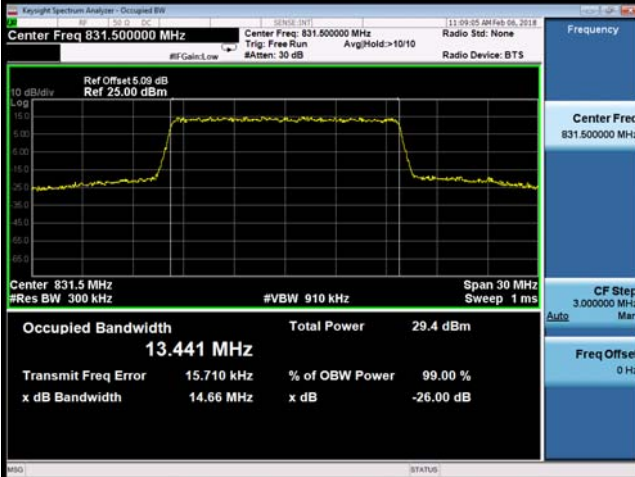
16QAM-26990



LTE Band 26_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26865	821.5	13.441	26865	821.5	13.467
26915	831	13.519	26915	831	13.509
26965	841.5	13.450	26965	841.5	13.479
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	821.5	14.66	26865	821.5	14.64
26915	831	14.86	26915	831	14.62
26965	841.5	14.70	26965	841.5	14.62

Spectrum Plot

QPSK-26865



QPSK-26915



QPSK-26965



16QAM-26865



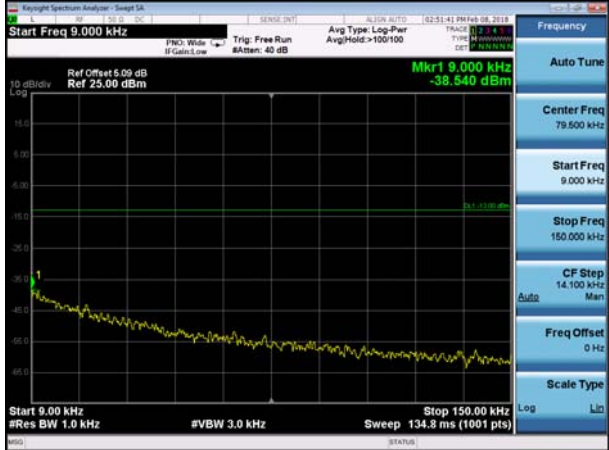
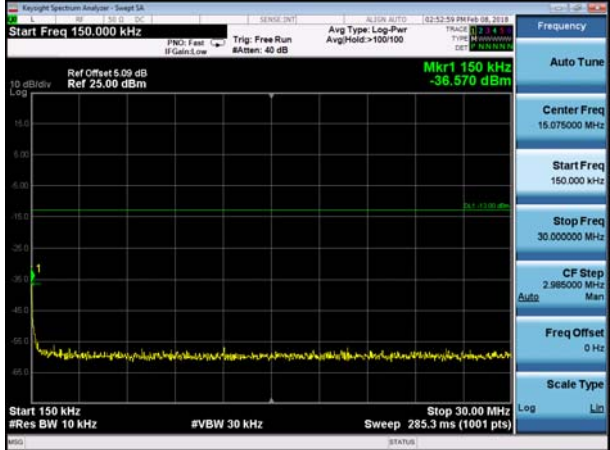
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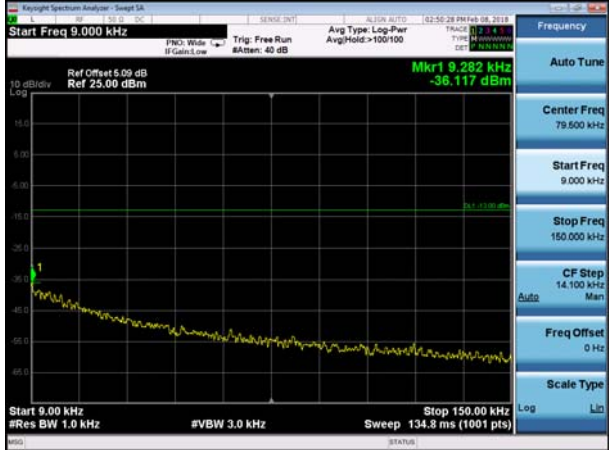
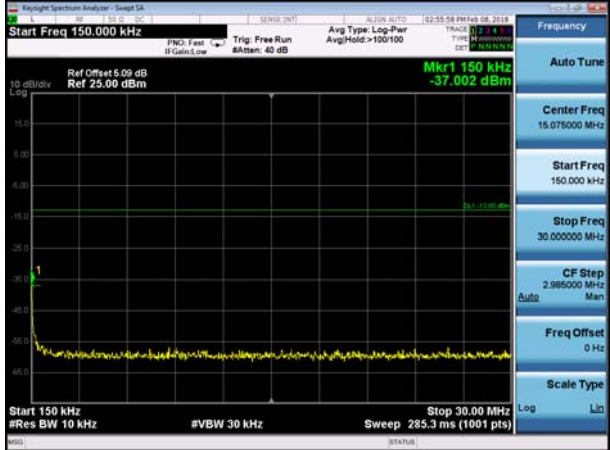


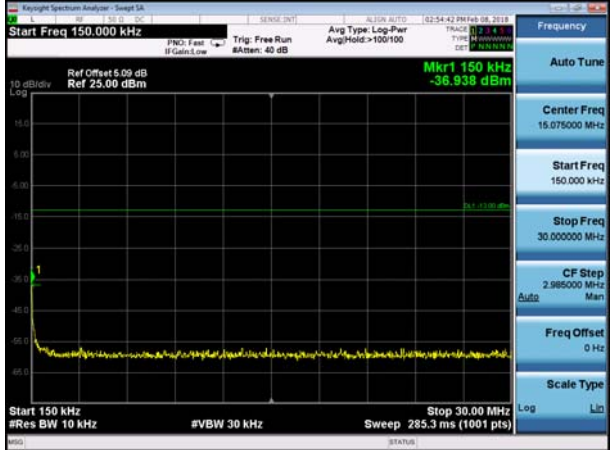
16QAM-26965



APPENDIX C - CONDUCTED EMISSIONS

WCDMA Band V			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
4182	836.4	4182	836.4
			
Channel	Frequency(MHz)	-	-
4182	836.4	-	-
			

WCDMA_HSDPA Band V			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
4182	836.4	4182	836.4
			
Channel	Frequency(MHz)	-	-
4182	836.4	-	-
			

WCDMA_HSUPA Band V			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
4182	836.4	4182	836.4
			
Channel	Frequency(MHz)	-	-
4182	836.4	-	-
			

LTE Band 5_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20525	836.5	20525	836.5
Channel	Frequency(MHz)	-	-
20525	836.5	-	-

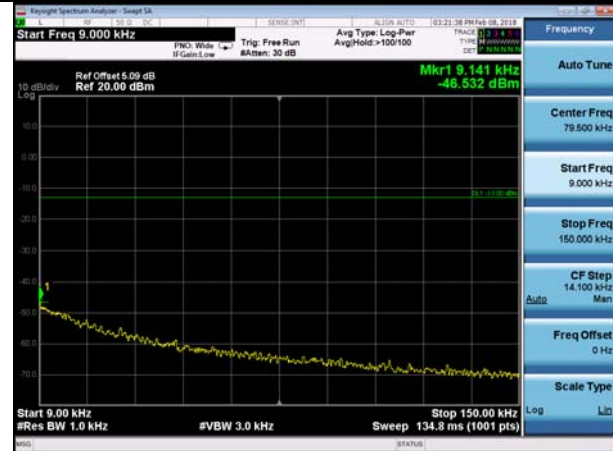
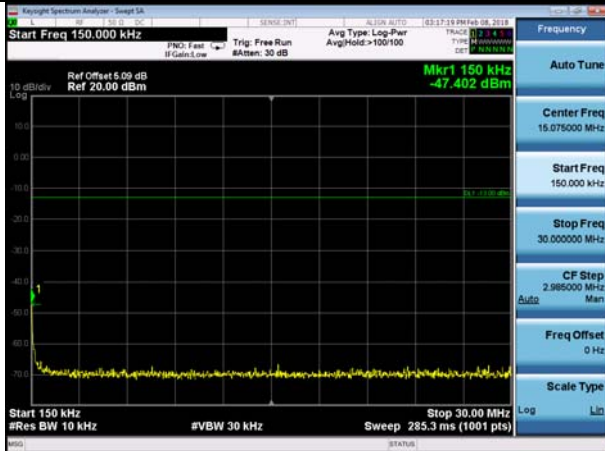
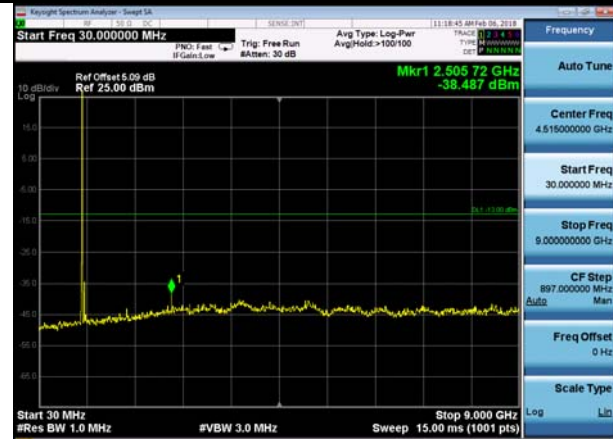
LTE Band 5_3M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20525	836.5	20525	836.5
Channel	Frequency(MHz)	-	-
20525	836.5	-	-

LTE Band 5_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20525	836.5	20525	836.5
Channel	Frequency(MHz)	-	-
20525	836.5	-	-

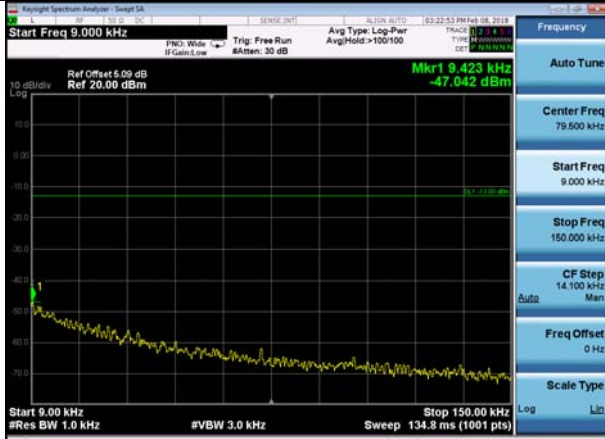
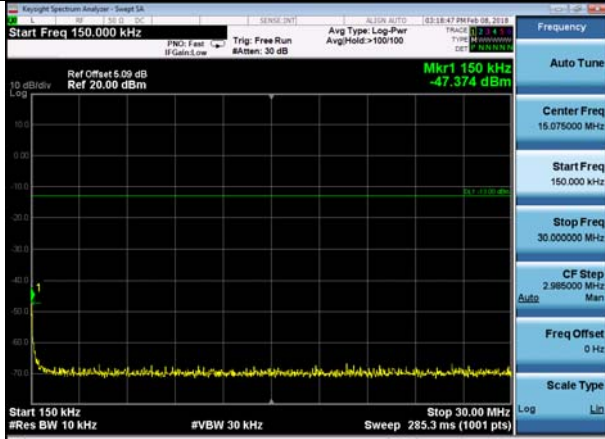
LTE Band 5_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20525	836.5	20525	836.5
Channel	Frequency(MHz)	-	-
20525	836.5	-	-

LTE Band 26_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
Channel	Frequency(MHz)	-	-
26915	831	-	-

LTE Band 26_3M

Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
			
Channel	Frequency(MHz)	-	-
26915	831	-	-
			

LTE Band 26_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
Channel	Frequency(MHz)	-	-
26915	831	-	-

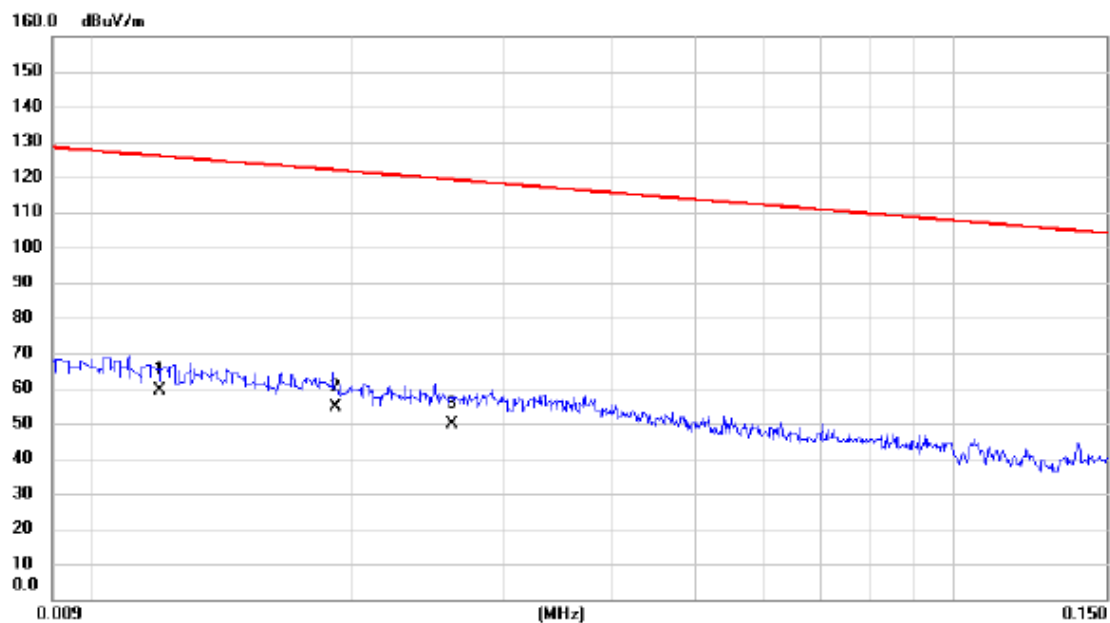
LTE Band 26_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
			
Channel	Frequency(MHz)	-	-
26915	831	-	-
			

LTE Band 26_15M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
Channel	Frequency(MHz)	-	-
26915	831	-	-

APPENDIX D - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC2A)

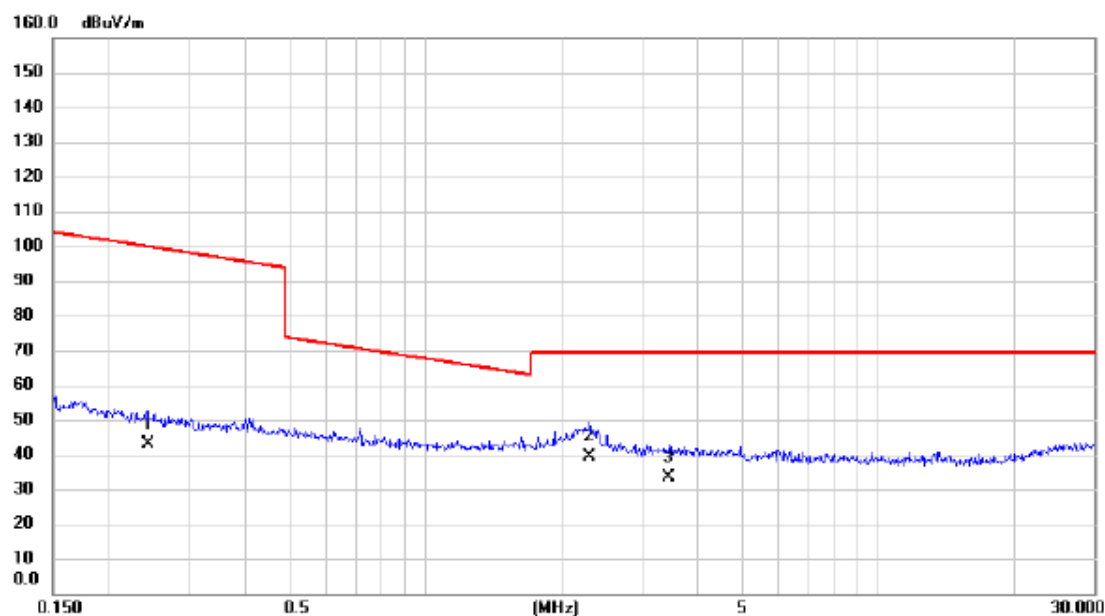
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.012	38.55	20.66	59.21	126.02	-66.81	AVG	
2		0.019	34.83	19.72	54.55	121.94	-67.39	AVG	
3		0.026	30.27	19.43	49.70	119.24	-69.54	AVG	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC2A)

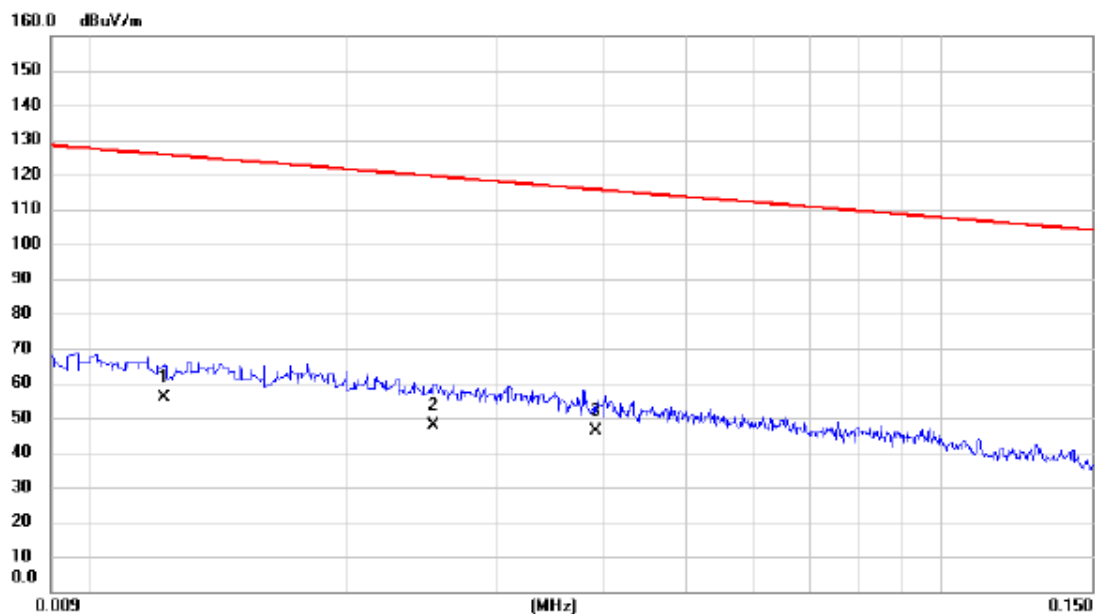
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.244	26.19	16.68	42.87	99.85	-56.98	AVG	
2	*	2.297	24.07	15.43	39.50	69.54	-30.04	QP	
3		3.435	18.16	15.11	33.27	69.54	-36.27	QP	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC2A)

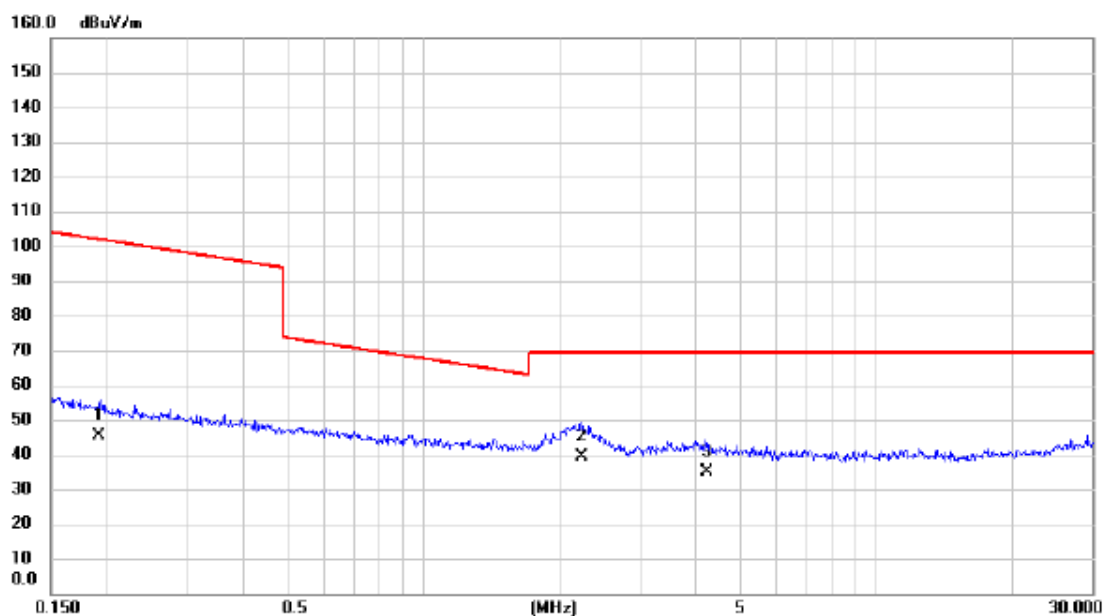
Ant 90°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.012	35.19	20.63	55.82	125.88	-70.06	AVG	
2		0.025	28.43	19.46	47.89	119.54	-71.65	AVG	
3	*	0.039	27.16	19.04	46.20	115.74	-69.54	AVG	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC2A)

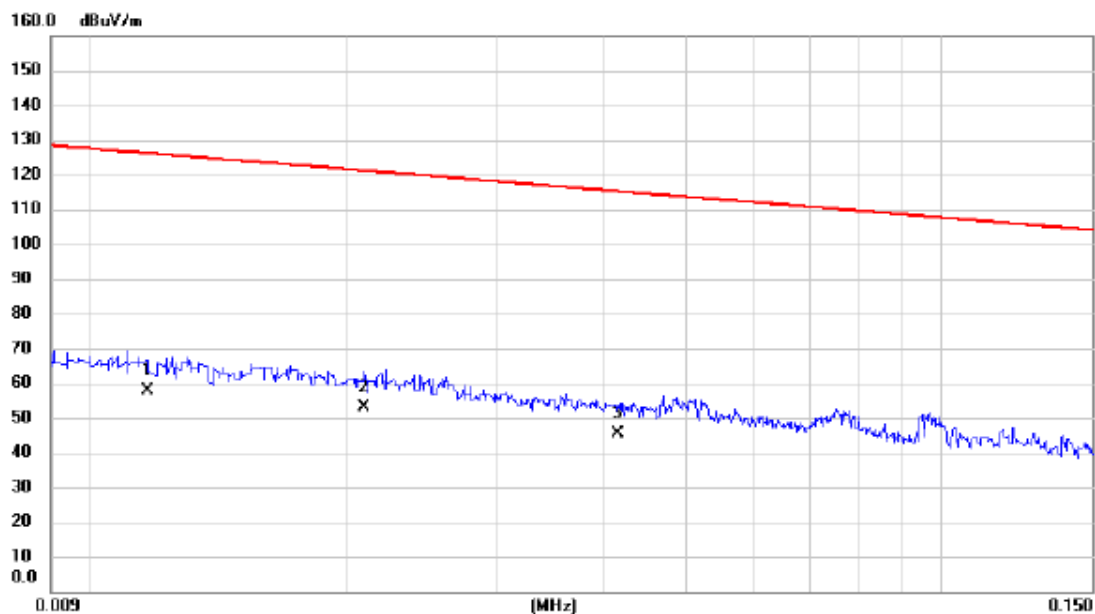
Ant 90°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.191	28.47	16.83	45.30	101.97	-56.67	AVG	
2	*	2.240	24.16	15.44	39.60	69.54	-29.94	QP	
3		4.213	20.18	14.82	35.00	69.54	-34.54	QP	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC2A)

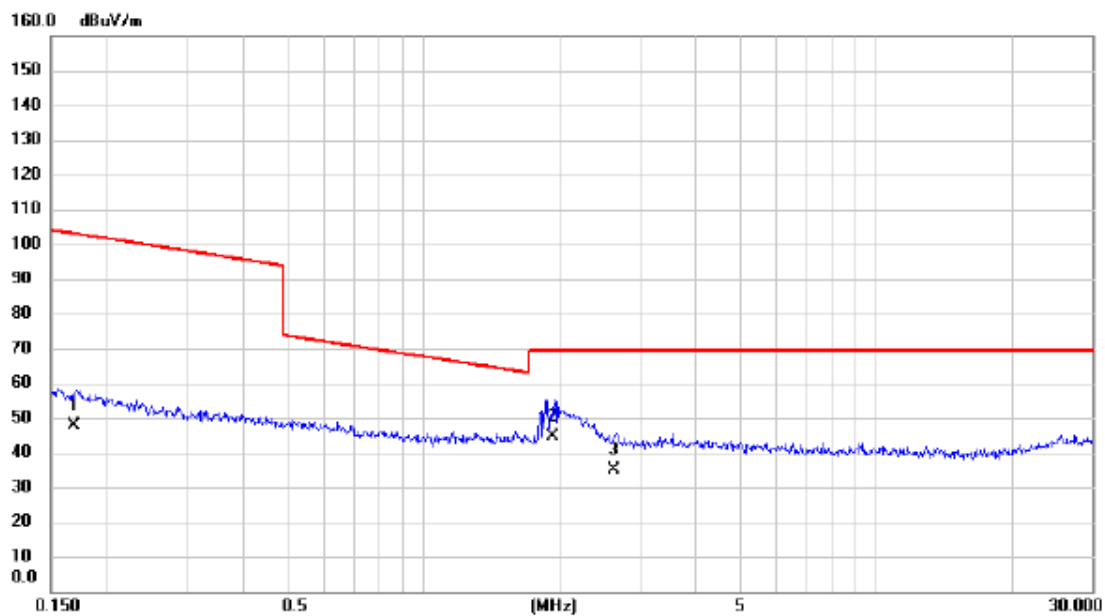
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.012	37.17	20.70	57.87	126.24	-68.37	AVG	
2	*	0.021	33.56	19.59	53.15	121.16	-68.01	AVG	
3		0.042	26.29	18.97	45.26	115.22	-69.96	AVG	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC2A)

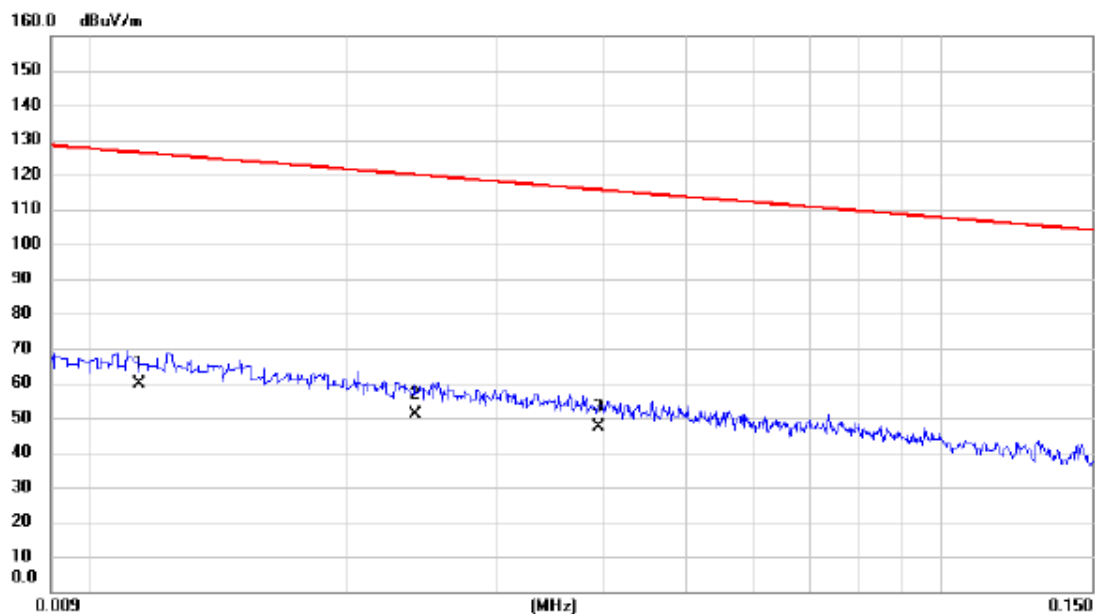
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.169	30.89	16.89	47.78	103.04	-55.26	AVG	
2	*	1.925	28.87	15.54	44.41	69.54	-25.13	QP	
3		2.629	19.87	15.33	35.20	69.54	-34.34	QP	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC2A)

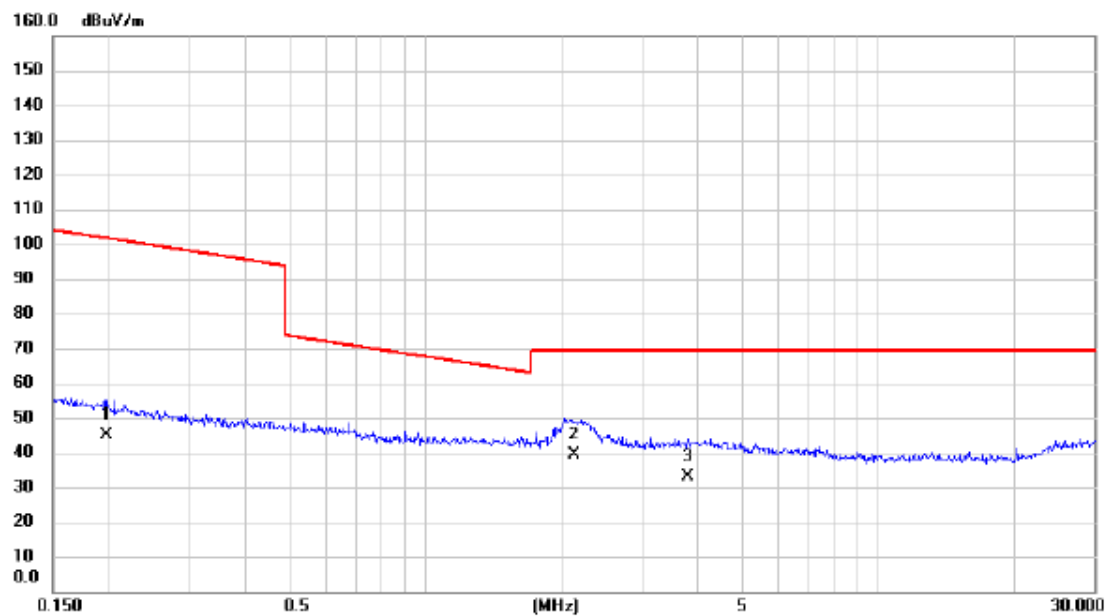
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.011	38.88	20.74	59.62	126.47	-66.85	AVG	
2		0.024	31.41	19.50	50.91	119.96	-69.05	AVG	
3		0.040	28.26	19.03	47.29	115.65	-68.36	AVG	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC2A)

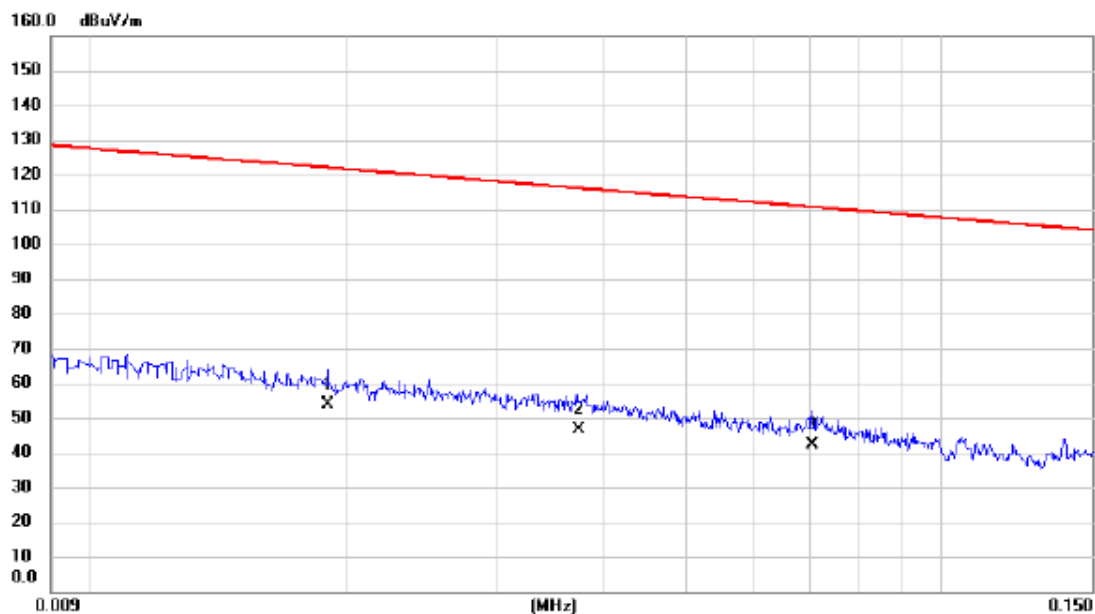
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.197	28.31	16.81	45.12	101.71	-56.59	AVG	
2	*	2.128	23.79	15.47	39.26	69.54	-30.28	QP	
3		3.796	17.98	15.01	32.99	69.54	-36.55	QP	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC3A)

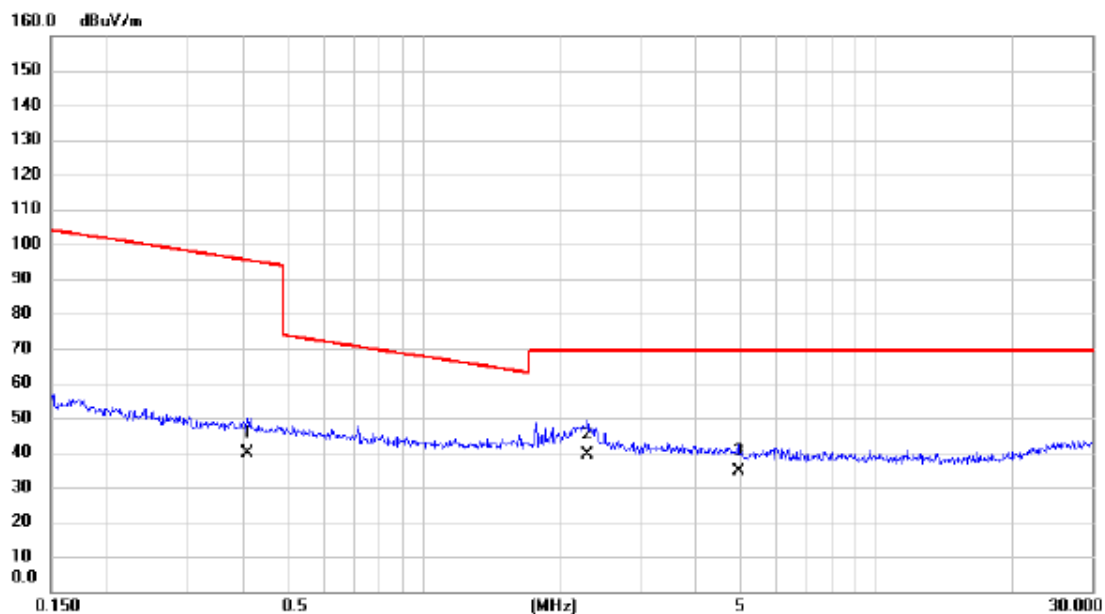
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.019	33.90	19.75	53.65	122.03	-68.38	AVG	
2		0.037	27.53	19.09	46.62	116.12	-69.50	AVG	
3		0.070	23.95	18.32	42.27	110.65	-68.38	AVG	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC3A)

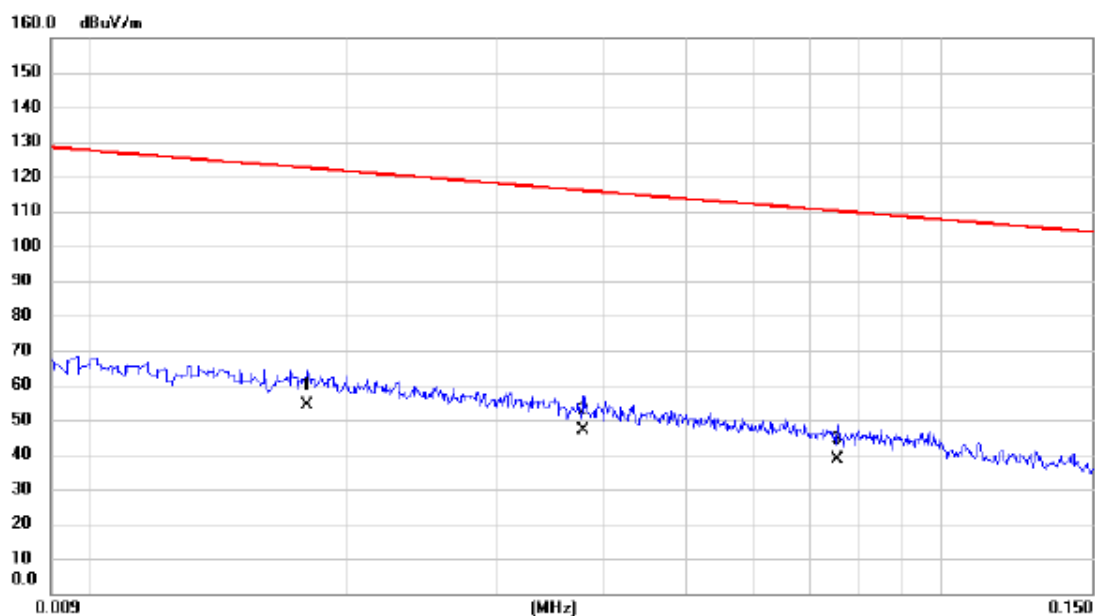
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.408	23.40	16.53	39.93	95.38	-55.45	AVG	
2	*	2.297	23.87	15.43	39.30	69.54	-30.24	QP	
3		4.978	20.22	14.38	34.60	69.54	-34.94	QP	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC3A)

Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.018	34.37	19.88	54.25	122.50	-68.25	AVG	
2		0.038	27.92	19.08	47.00	116.01	-69.01	AVG	
3		0.075	20.33	18.22	38.55	110.05	-71.50	AVG	

Test Mode: TX Mode (Adapter: Liteon / ADLX45YLC3A)

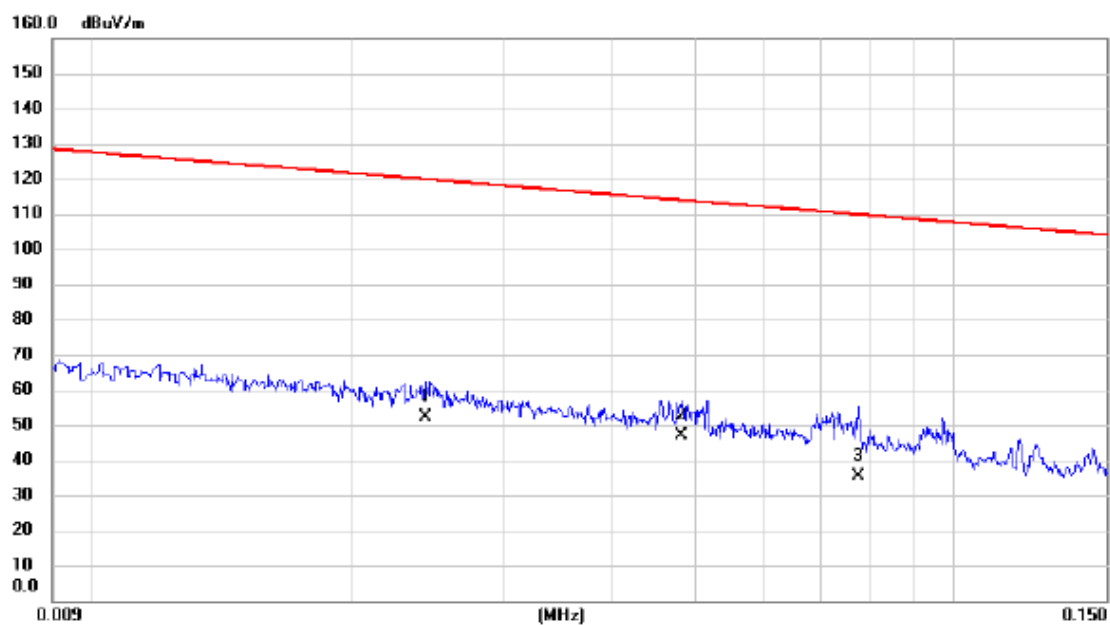
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.274	25.36	16.64	42.00	98.84	-56.84	AVG	
2	*	1.928	23.69	15.54	39.23	69.54	-30.31	QP	
3		4.202	21.33	14.83	36.16	69.54	-33.38	QP	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC3A)

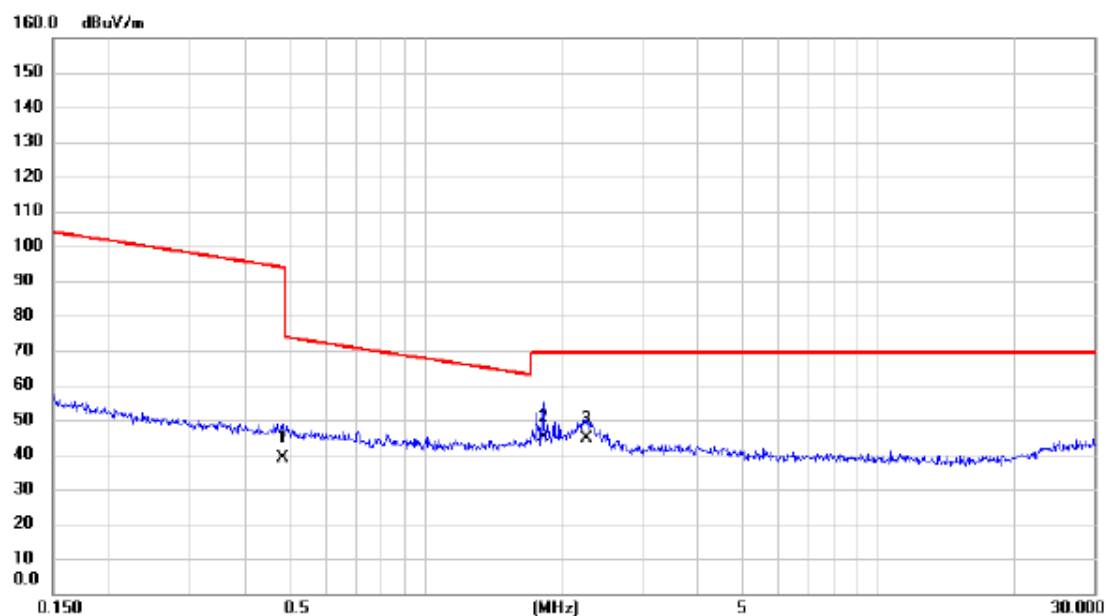
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.024	32.72	19.49	52.21	119.86	-67.65	AVG	
2	*	0.048	28.26	18.77	47.03	113.93	-66.90	AVG	
3		0.077	17.08	18.17	35.25	109.83	-74.58	AVG	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC3A)

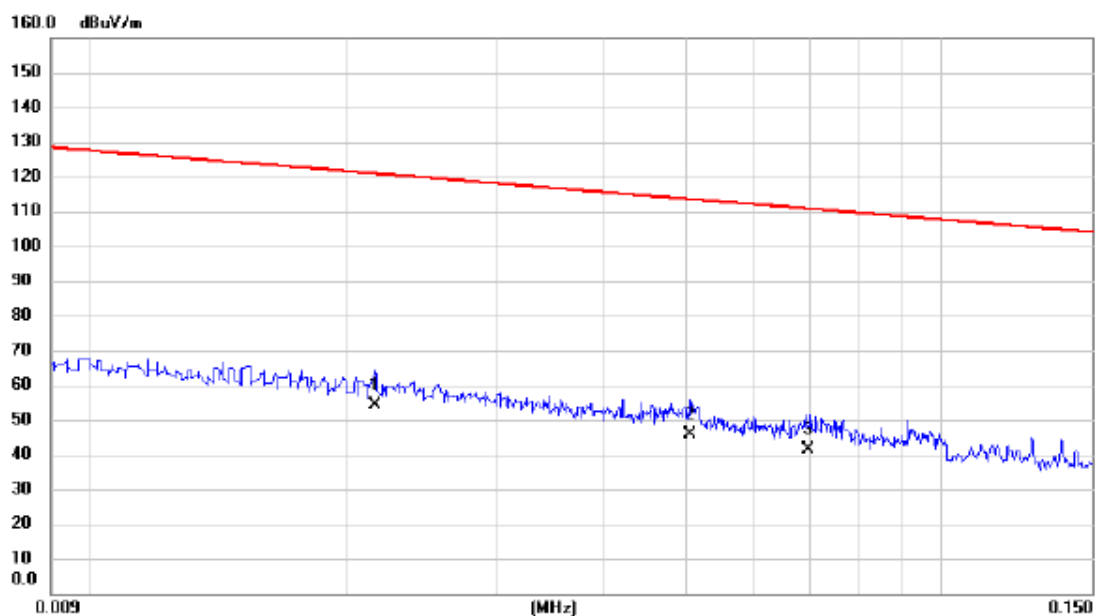
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.481	22.35	16.49	38.84	93.96	-55.12	AVG	
2	*	1.819	29.34	15.58	44.92	69.54	-24.62	QP	
3		2.272	29.33	15.44	44.77	69.54	-24.77	QP	

Test Mode:	TX Mode (Adapter: Chicony / ADLX45YCC3A)
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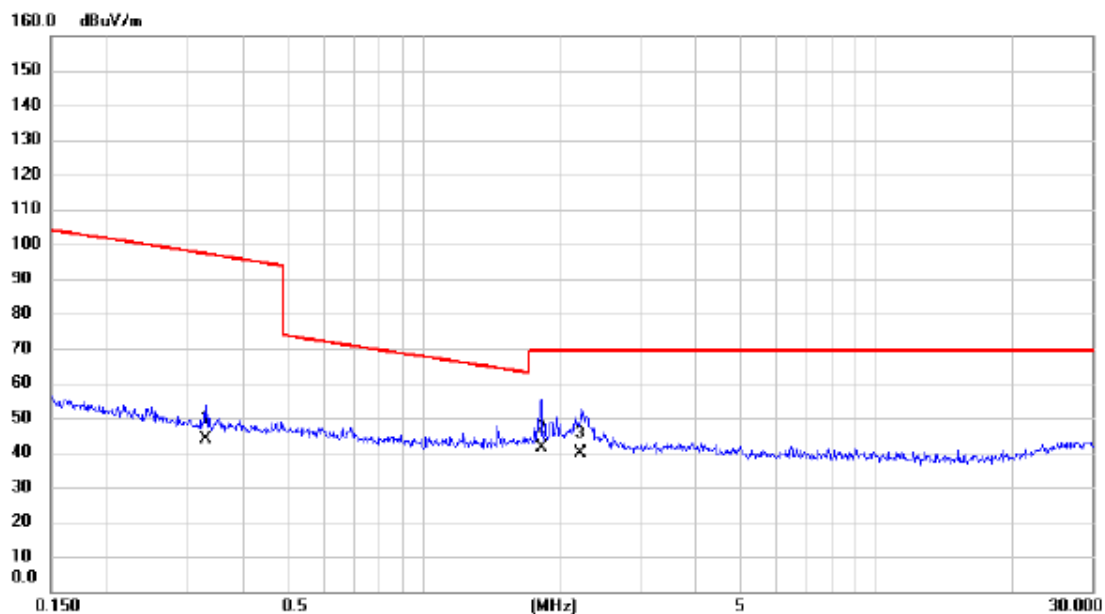
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.022	34.45	19.57	54.02	120.92	-66.90	AVG	
2		0.051	27.04	18.71	45.75	113.50	-67.75	AVG	
3		0.070	23.20	18.34	41.54	110.75	-69.21	AVG	

Test Mode: TX Mode (Adapter: Chicony / ADLX45YCC3A)

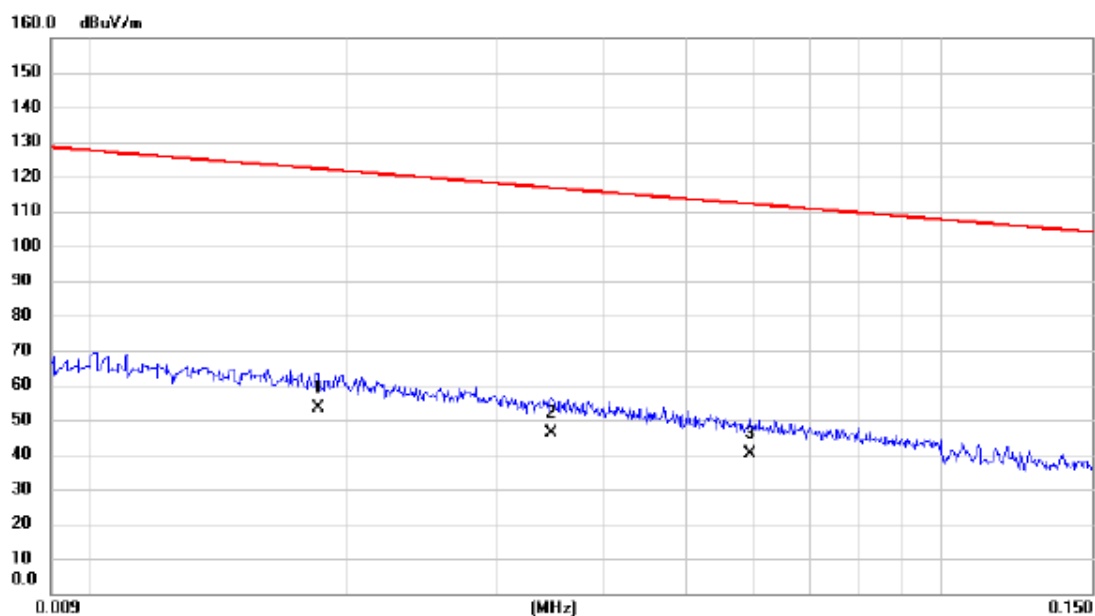
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.329	27.30	16.60	43.90	97.27	-53.37	AVG	
2	*	1.819	25.97	15.58	41.55	69.54	-27.99	QP	
3		2.225	24.30	15.44	39.74	69.54	-29.80	QP	

Test Mode: TX Mode (Adapter: Liteon / ADLX65YLC3A)

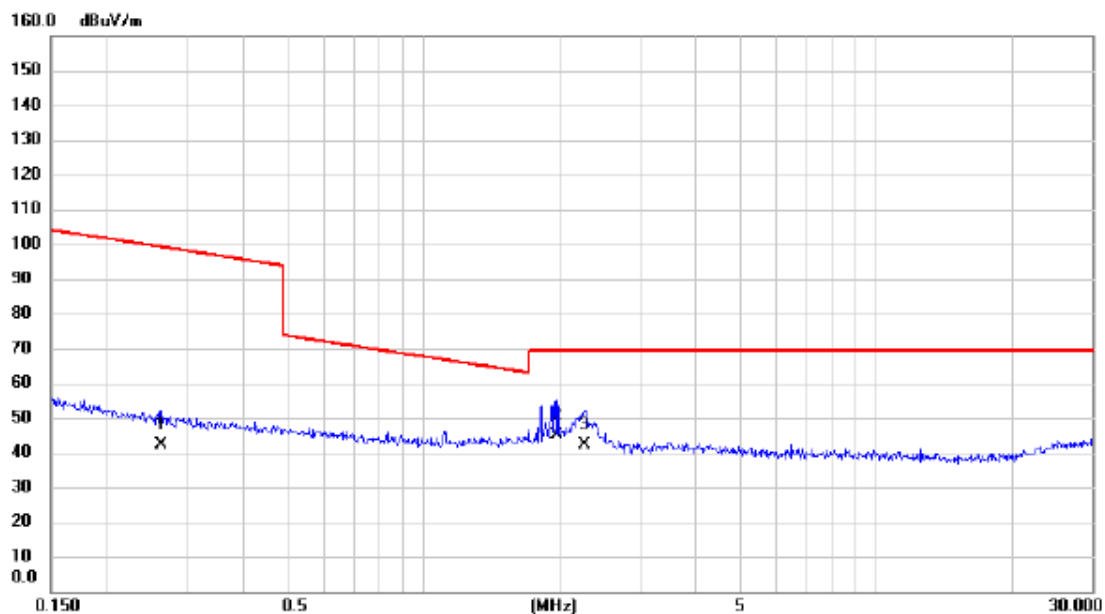
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.018	33.64	19.82	53.46	122.26	-68.80	AVG	
2		0.035	27.10	19.18	46.28	116.77	-70.49	AVG	
3		0.059	21.85	18.54	40.39	112.13	-71.74	AVG	

Test Mode: TX Mode (Adapter: Liteon / ADLX65YLC3A)

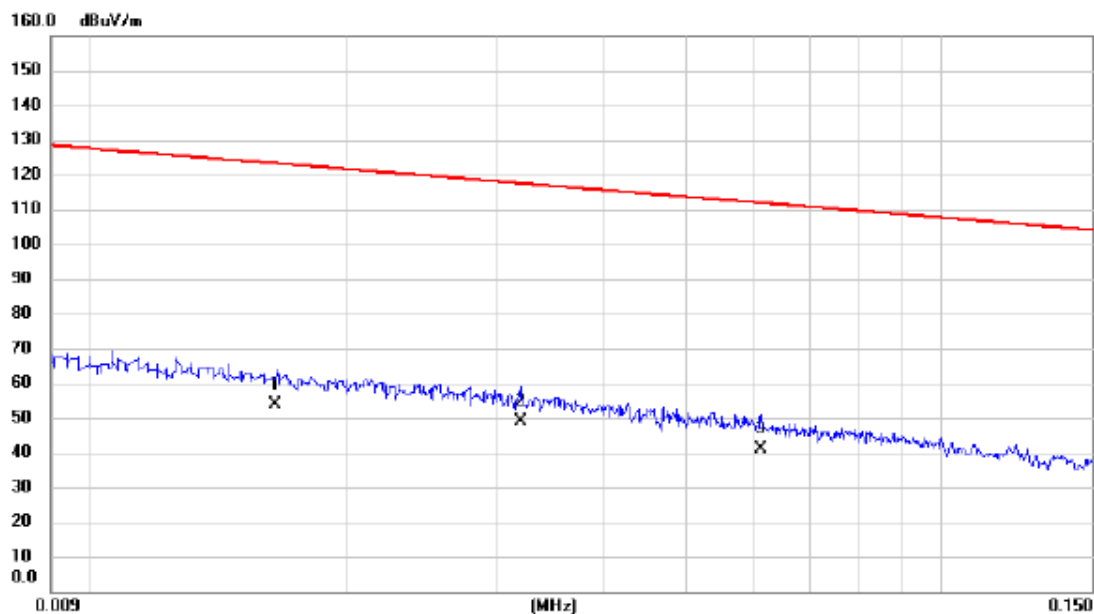
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.263	25.44	16.65	42.09	99.21	-57.12	AVG	
2	*	1.970	29.65	15.52	45.17	69.54	-24.37	QP	
3		2.272	26.69	15.44	42.13	69.54	-27.41	QP	

Test Mode: TX Mode (Adapter: Liteon / ADLX65YLC3A)

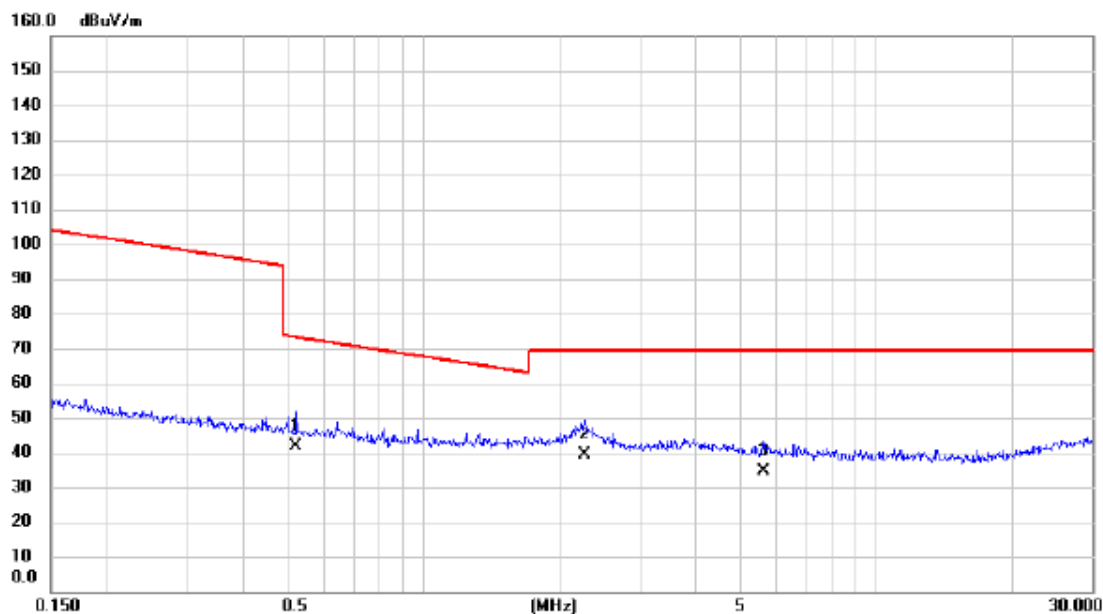
Ant 90°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.017	33.61	20.07	53.68	123.26	-69.58	AVG	
2	*	0.032	29.70	19.26	48.96	117.50	-68.54	AVG	
3		0.061	22.49	18.50	40.99	111.86	-70.87	AVG	

Test Mode: TX Mode (Adapter: Liteon / ADLX65YLC3A)

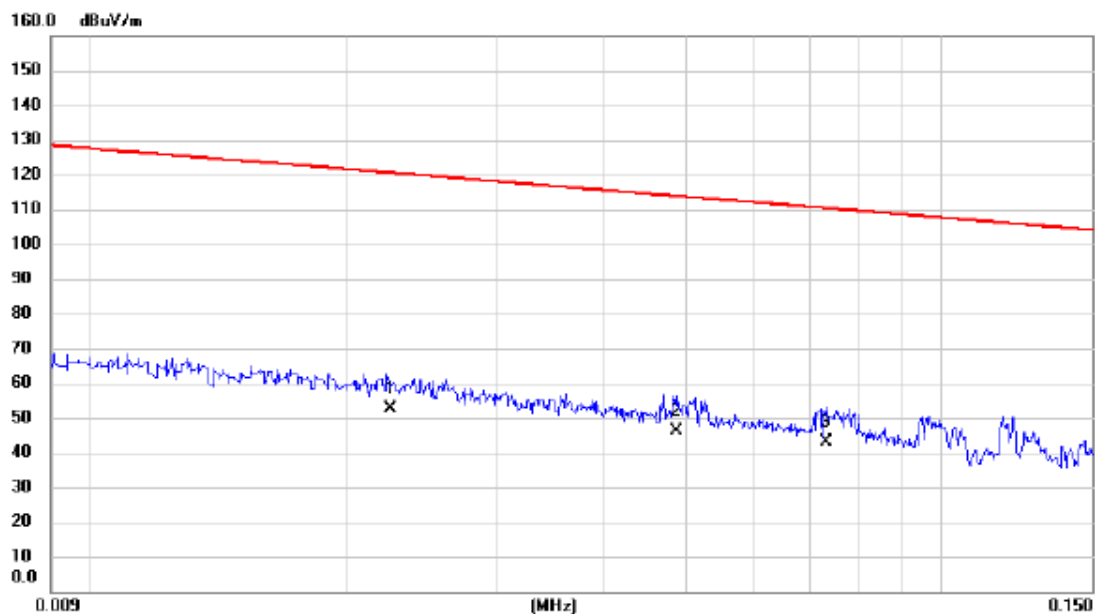
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.524	25.48	16.44	41.92	73.22	-31.30	AVG	
2	*	2.273	24.02	15.44	39.46	69.54	-30.08	QP	
3		5.653	20.18	14.29	34.47	69.54	-35.07	QP	

Test Mode: TX Mode (Adapter: Chicony / ADLX65YCC3A)

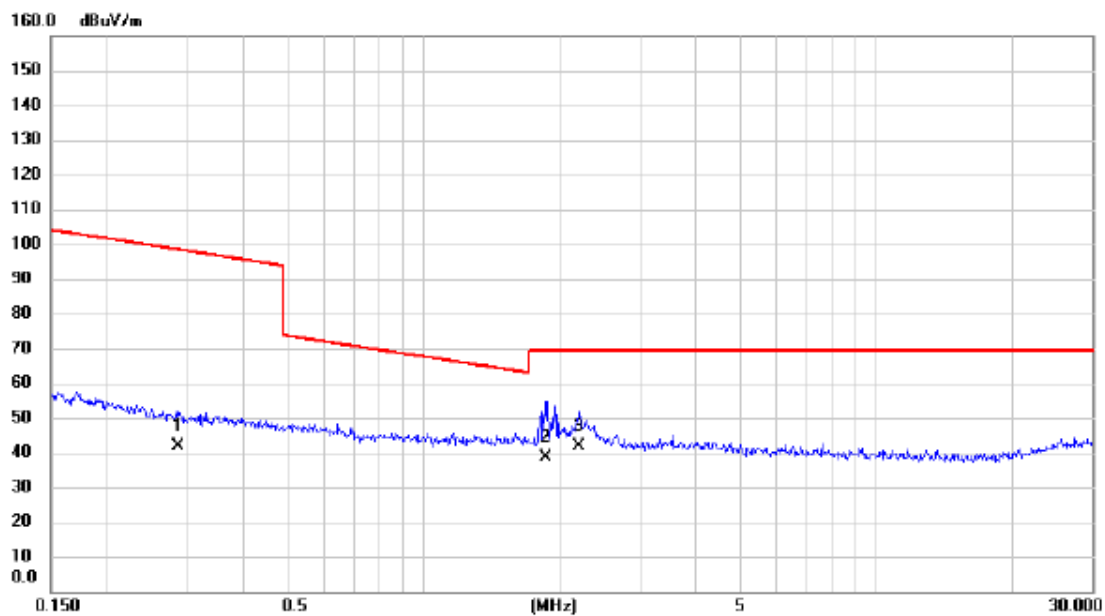
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.022	33.11	19.55	52.66	120.56	-67.90	AVG	
2		0.049	27.36	18.76	46.12	113.85	-67.73	AVG	
3	*	0.073	24.85	18.27	43.12	110.31	-67.19	AVG	

Test Mode: TX Mode (Adapter: Chicony / ADLX65YCC3A)

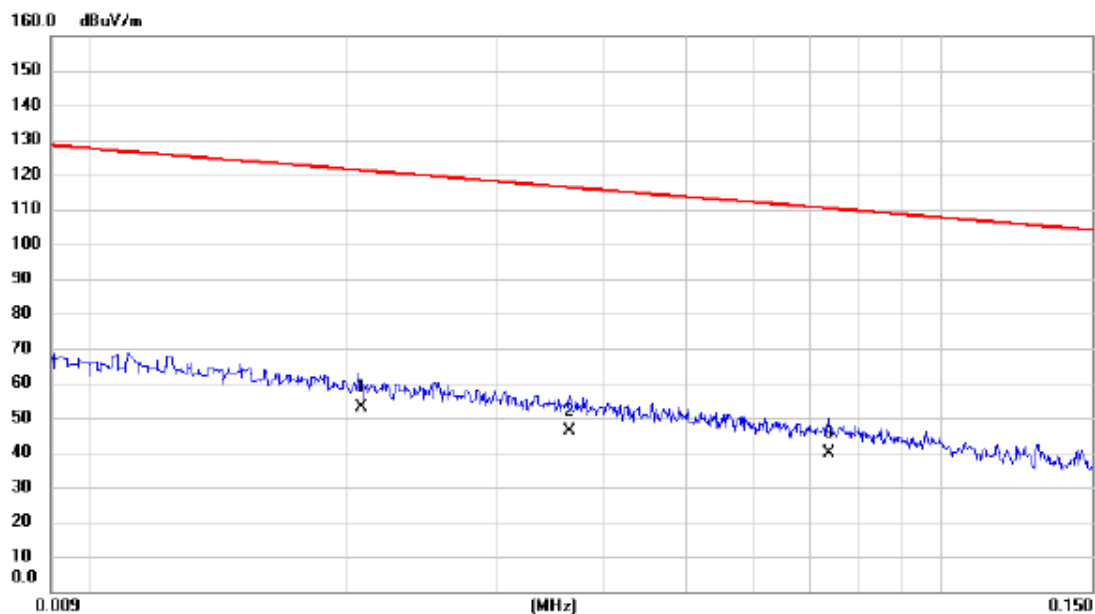
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.286	25.30	16.63	41.93	98.47	-56.54	AVG	
2		1.868	23.10	15.56	38.66	69.54	-30.88	QP	
3	*	2.213	26.39	15.45	41.84	69.54	-27.70	QP	

Test Mode: TX Mode (Adapter: Chicony / ADLX65YCC3A)

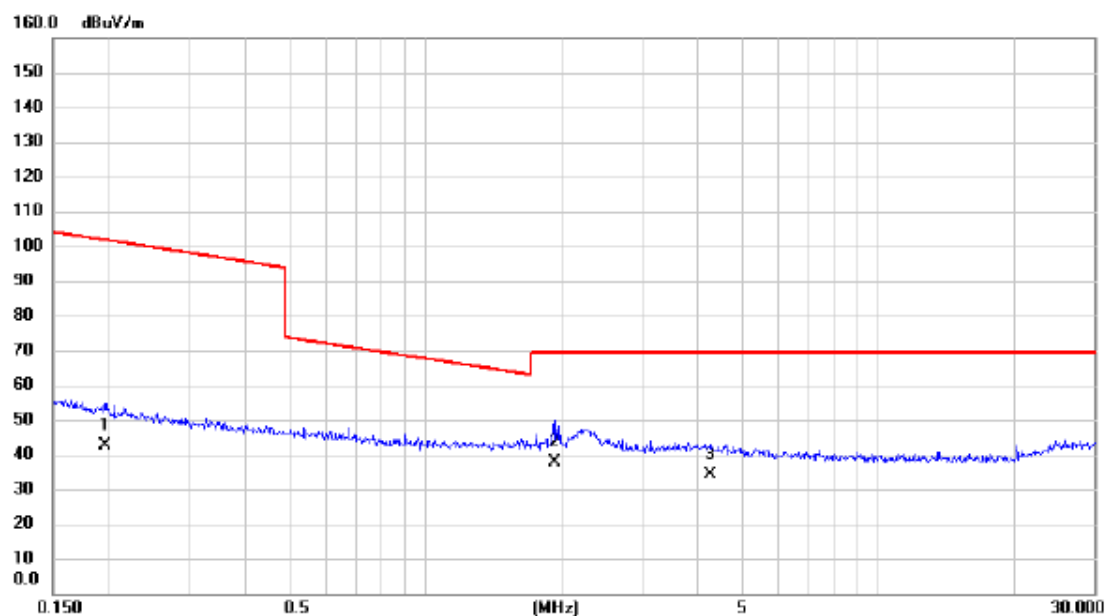
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.021	33.34	19.60	52.94	121.24	-68.30	AVG	
2		0.037	27.02	19.12	46.14	116.34	-70.20	AVG	
3		0.074	21.64	18.25	39.89	110.24	-70.35	AVG	

Test Mode: TX Mode (Adapter: Chicony / ADLX65YCC3A)

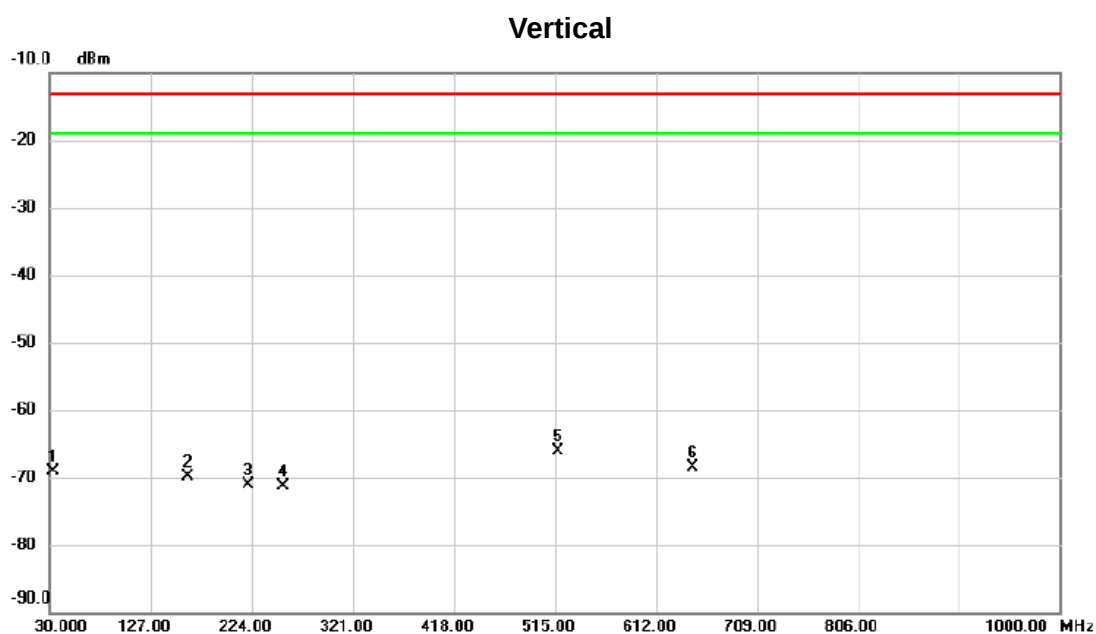
Ant 90°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.196	25.73	16.81	42.54	101.78	-59.24	AVG	
2	*	1.928	22.21	15.54	37.75	69.54	-31.79	QP	
3		4.269	19.33	14.80	34.13	69.54	-35.41	QP	

APPENDIX E - RADIATED EMISSION (30MHZ TO 1GHZ)

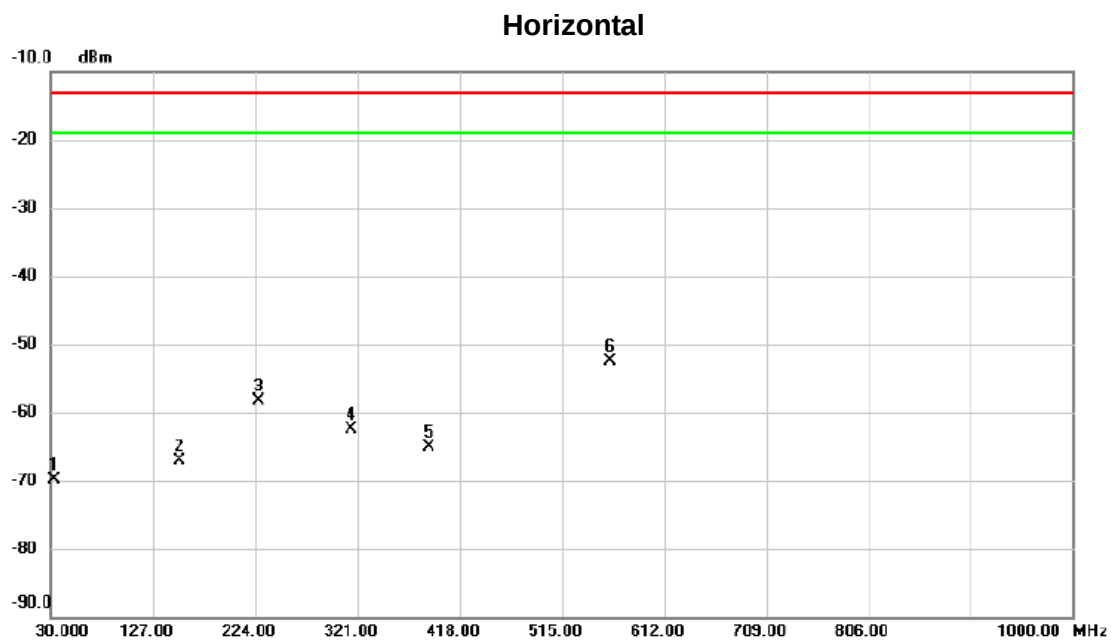
Test Mode:	WCDMA Band V(Adapter: Liteon / ADLX45YLC2A)
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		32.910	-68.19	-0.96	-69.15	-13.00	-56.15	peak	
2		161.920	-70.01	0.16	-69.85	-13.00	-56.85	peak	
3		221.090	-66.34	-4.78	-71.12	-13.00	-58.12	peak	
4		254.070	-70.18	-1.15	-71.33	-13.00	-58.33	peak	
5	*	517.910	-74.26	8.14	-66.12	-13.00	-53.12	peak	
6		647.890	-75.83	7.36	-68.47	-13.00	-55.47	peak	

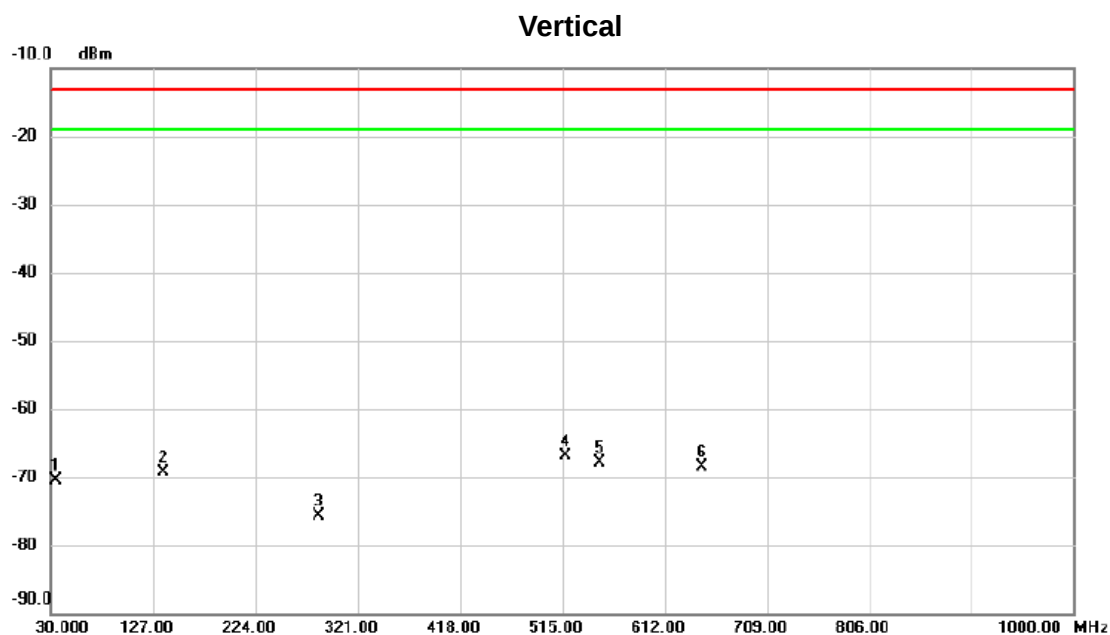
Test Mode:

WCDMA Band V (Adapter: Liteon / ADLX45YLC2A)



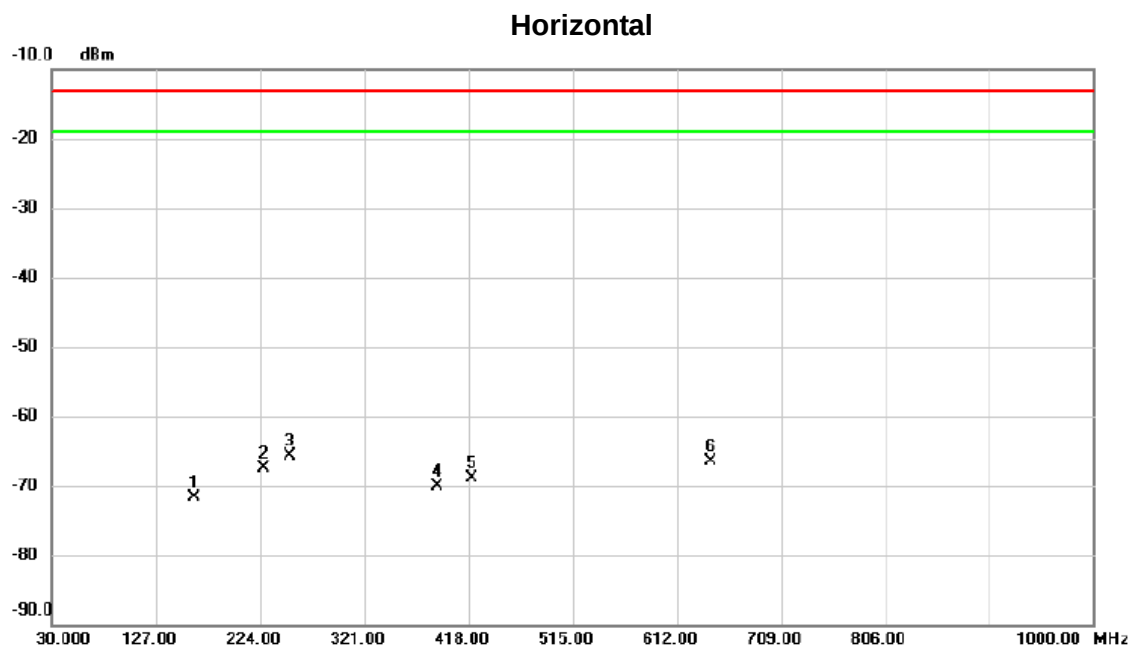
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		32.910	-70.85	0.96	-69.89	-13.00	-56.89	peak	
2		152.220	-70.18	3.09	-67.09	-13.00	-54.09	peak	
3		226.910	-66.12	7.79	-58.33	-13.00	-45.33	peak	
4		315.180	-63.04	0.47	-62.57	-13.00	-49.57	peak	
5		388.900	-70.31	5.29	-65.02	-13.00	-52.02	peak	
6	*	560.590	-58.19	5.66	-52.53	-13.00	-39.53	peak	

Test Mode: WCDMA Band V(Adapter: Chicony / ADLX45YCC2A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-69.39	-1.20	-70.59	-13.00	-57.59	peak	
2		136.700	-72.29	2.95	-69.34	-13.00	-56.34	peak	
3		284.140	-79.75	3.97	-75.78	-13.00	-62.78	peak	
4	*	517.910	-75.08	8.14	-66.94	-13.00	-53.94	peak	
5		550.890	-75.91	8.01	-67.90	-13.00	-54.90	peak	
6		647.890	-75.78	7.36	-68.42	-13.00	-55.42	peak	

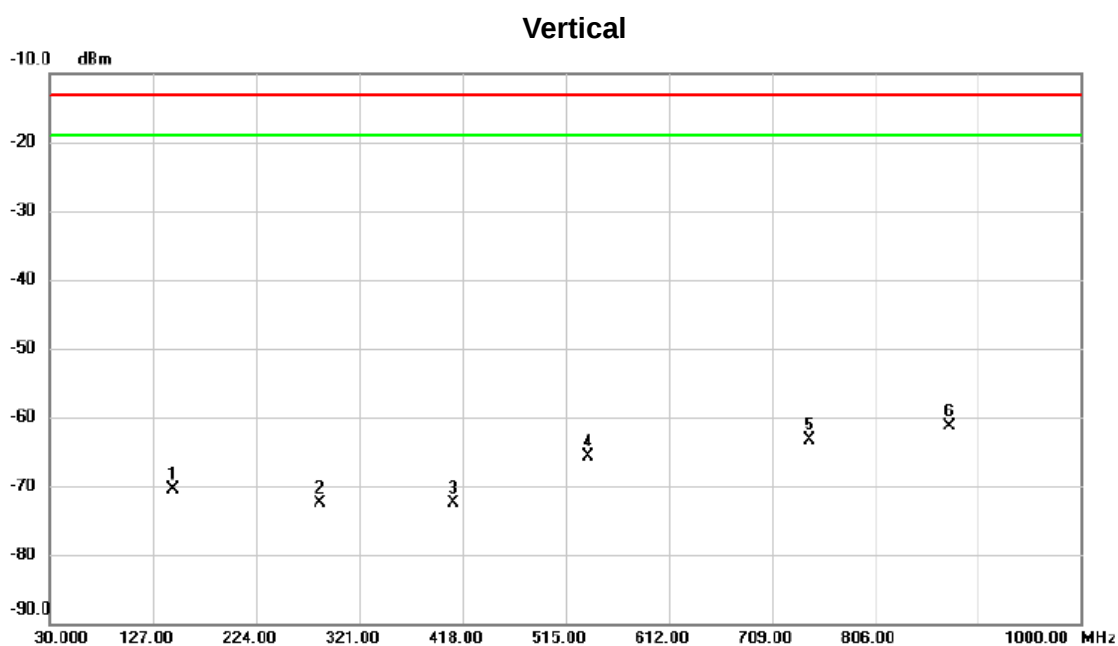
Test Mode: WCDMA Band V (Adapter: Chicony / ADLX45YCC2A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		161.920	-74.04	2.40	-71.64	-13.00	-58.64	peak	
2		226.910	-75.30	7.79	-67.51	-13.00	-54.51	peak	
3	*	251.160	-67.77	2.15	-65.62	-13.00	-52.62	peak	
4		388.900	-75.30	5.29	-70.01	-13.00	-57.01	peak	
5		420.910	-75.18	6.34	-68.84	-13.00	-55.84	peak	
6		643.040	-79.64	13.23	-66.41	-13.00	-53.41	peak	

Test Mode:

WCDMA Band V(Adapter: Liteon / ADLX45YLC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		145.430	-76.88	6.30	-70.58	-13.00	-57.58	peak	
2		284.140	-76.39	3.97	-72.42	-13.00	-59.42	peak	
3		409.270	-74.39	1.97	-72.42	-13.00	-59.42	peak	
4		536.340	-73.29	7.56	-65.73	-13.00	-52.73	peak	
5		743.920	-75.10	11.76	-63.34	-13.00	-50.34	peak	
6	*	876.810	-74.76	13.39	-61.37	-13.00	-48.37	peak	

Test Mode: WCDMA Band V (Adapter: Liteon / ADLX45YLC3A)

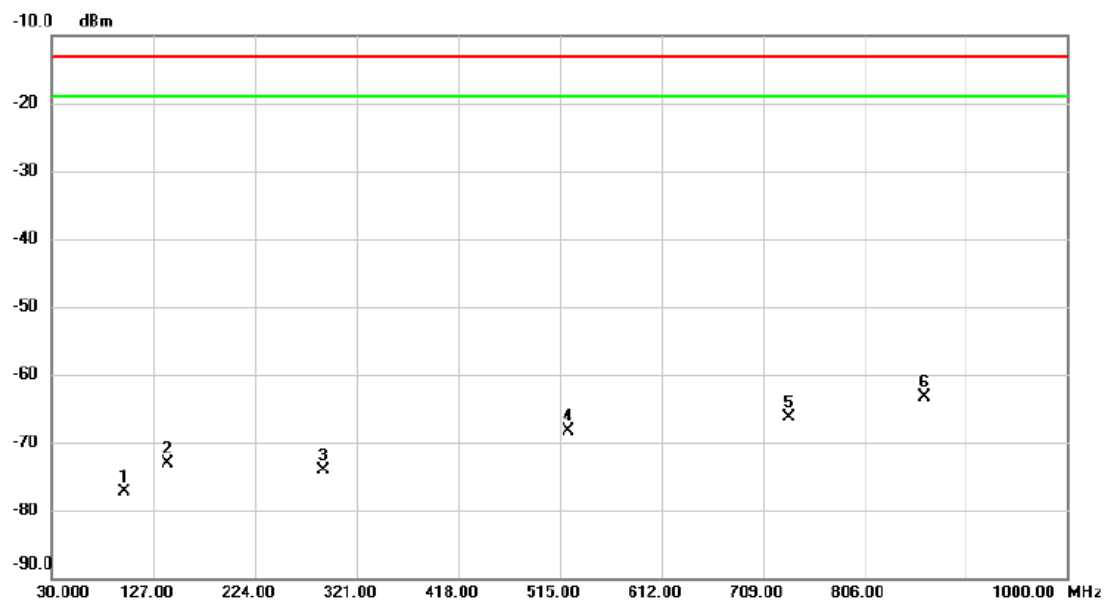
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		44.550	-76.50	2.22	-74.28	-13.00	-61.28	peak	
2		159.010	-74.74	3.22	-71.52	-13.00	-58.52	peak	
3		230.790	-77.19	7.46	-69.73	-13.00	-56.73	peak	
4		401.510	-75.97	6.79	-69.18	-13.00	-56.18	peak	
5		638.190	-74.97	13.50	-61.47	-13.00	-48.47	peak	
6	*	822.490	-74.88	14.52	-60.36	-13.00	-47.36	peak	

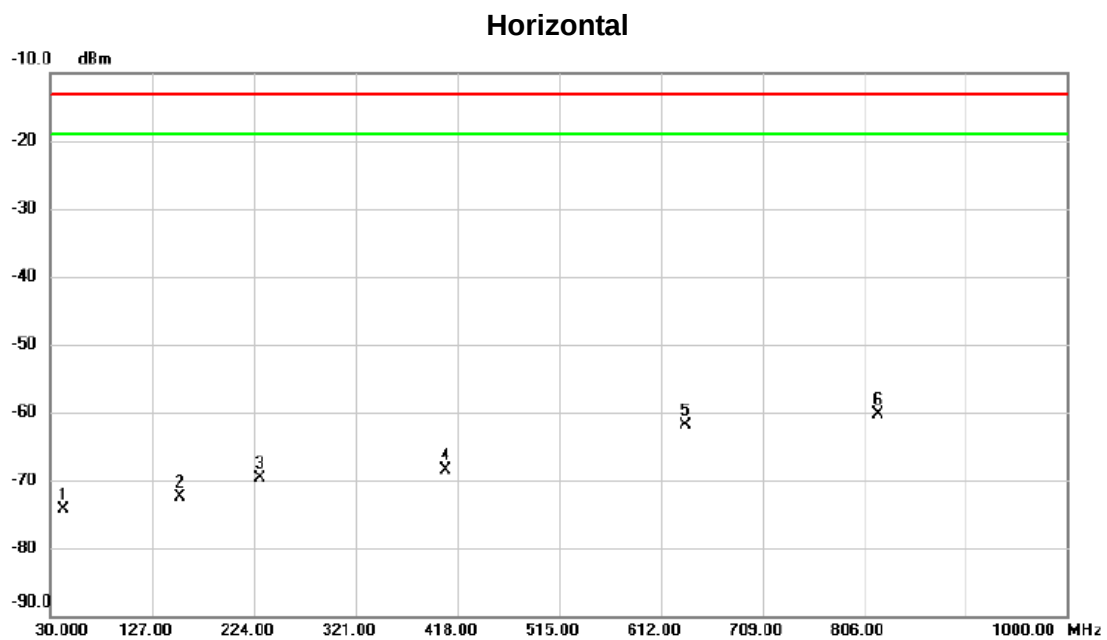
Test Mode:	WCDMA Band V(Adapter: Chicony / ADLX45YCC3A)
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Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		98.870	-77.99	0.78	-77.21	-13.00	-64.21	peak	
2		140.580	-77.49	4.37	-73.12	-13.00	-60.12	peak	
3		289.960	-78.85	4.80	-74.05	-13.00	-61.05	peak	
4		523.730	-76.49	8.17	-68.32	-13.00	-55.32	peak	
5		734.220	-77.86	11.63	-66.23	-13.00	-53.23	peak	
6	*	863.230	-75.92	12.56	-63.36	-13.00	-50.36	peak	

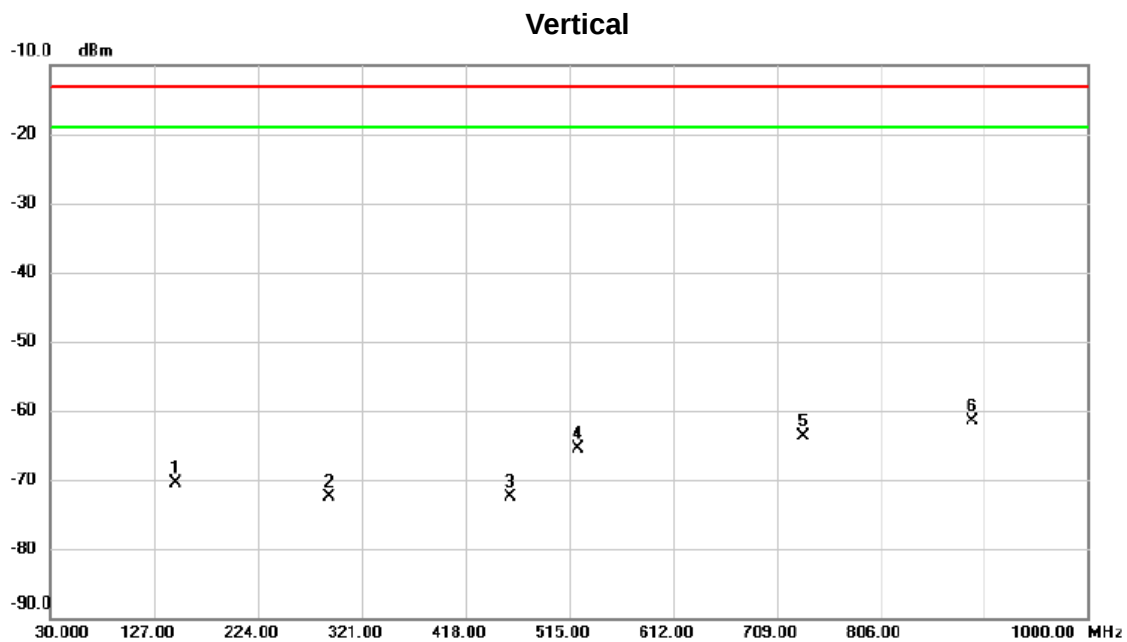
Test Mode: WCDMA Band V (Adapter: Chicony / ADLX45YCC3A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-76.05	1.69	-74.36	-13.00	-61.36	peak	
2		153.190	-75.58	3.10	-72.48	-13.00	-59.48	peak	
3		229.820	-77.83	8.06	-69.77	-13.00	-56.77	peak	
4		407.330	-75.10	6.56	-68.54	-13.00	-55.54	peak	
5		636.250	-75.17	13.28	-61.89	-13.00	-48.89	peak	
6	*	819.580	-75.81	15.42	-60.39	-13.00	-47.39	peak	

Test Mode:

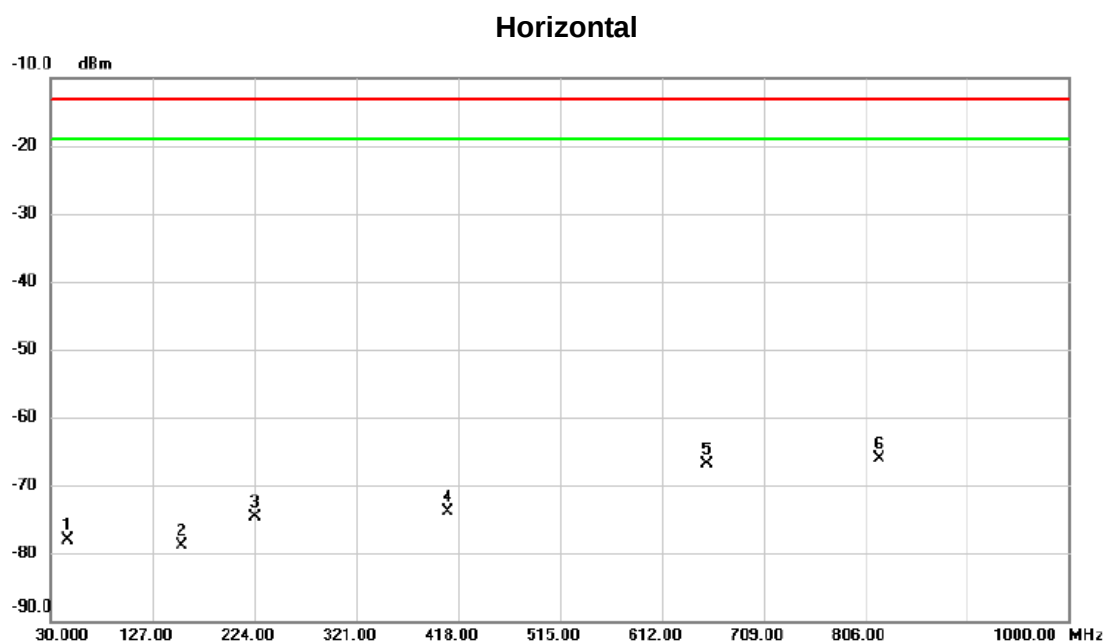
WCDMA Band V(Adapter: Liteon / ADLX65YLC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		146.400	-76.44	5.98	-70.46	-13.00	-57.46	peak	
2		290.930	-77.09	4.61	-72.48	-13.00	-59.48	peak	
3		459.710	-76.98	4.38	-72.60	-13.00	-59.60	peak	
4		522.760	-73.62	8.12	-65.50	-13.00	-52.50	peak	
5		734.220	-75.26	11.63	-63.63	-13.00	-50.63	peak	
6	*	891.360	-73.29	11.88	-61.41	-13.00	-48.41	peak	

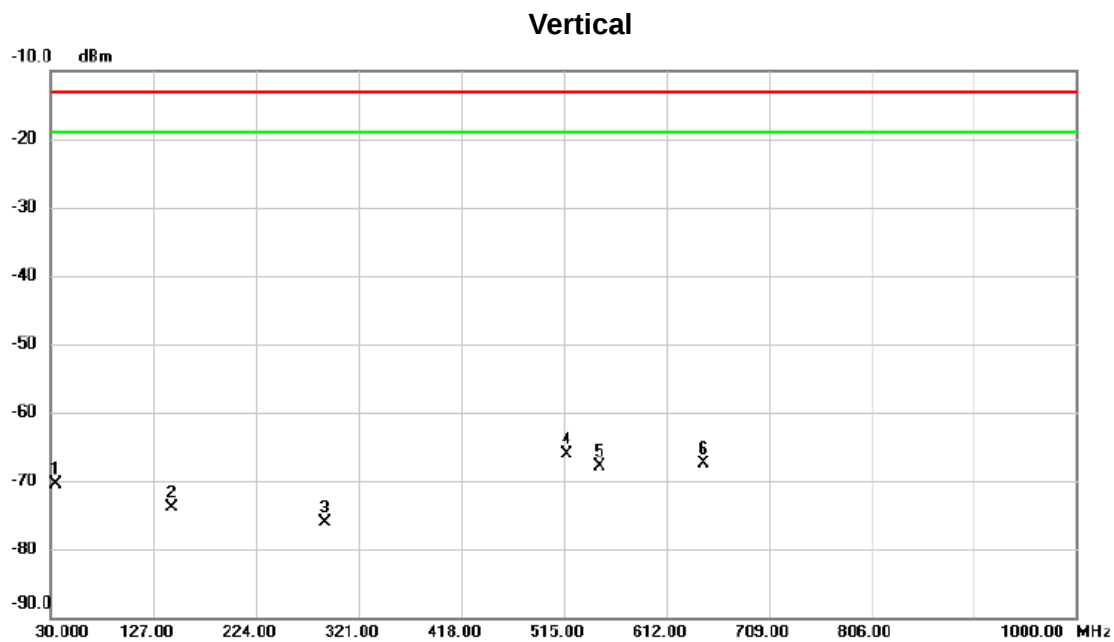
Test Mode:

WCDMA Band V (Adapter: Liteon / ADLX65YLC3A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		46.490	-79.66	1.58	-78.08	-13.00	-65.08	peak	
2		155.130	-81.97	3.15	-78.82	-13.00	-65.82	peak	
3		224.000	-81.90	7.13	-74.77	-13.00	-61.77	peak	
4		408.300	-80.43	6.51	-73.92	-13.00	-60.92	peak	
5		655.650	-80.09	13.20	-66.89	-13.00	-53.89	peak	
6	*	819.580	-81.53	15.42	-66.11	-13.00	-53.11	peak	

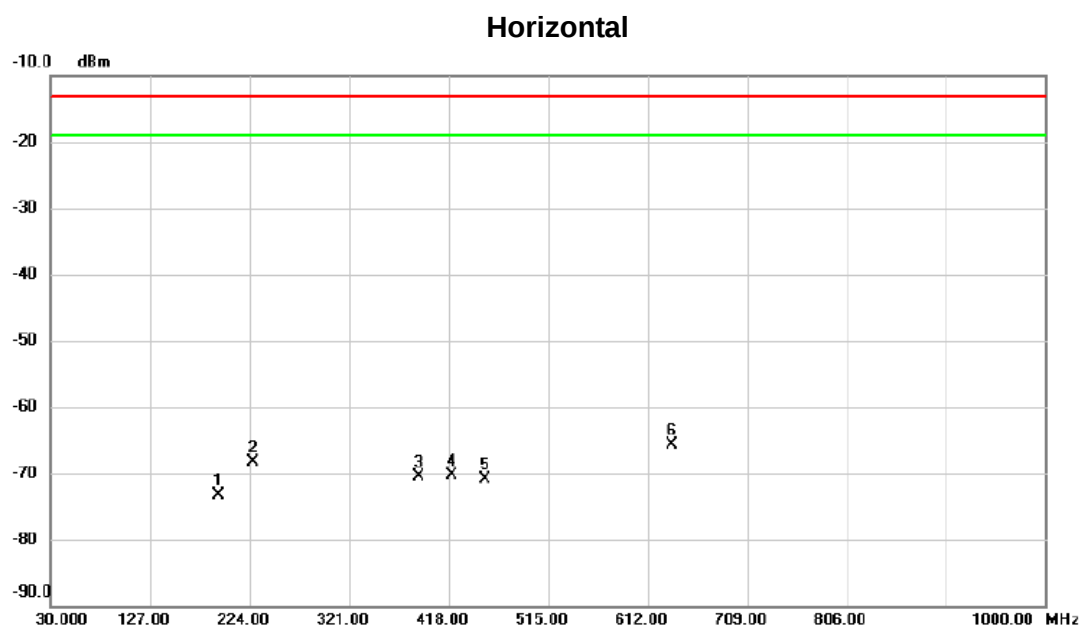
Test Mode:	WCDMA Band V(Adapter: Chicony / ADLX65YCC3A)
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-69.30	-1.20	-70.50	-13.00	-57.50	peak	
2		144.460	-80.06	6.25	-73.81	-13.00	-60.81	peak	
3		289.960	-80.91	4.80	-76.11	-13.00	-63.11	peak	
4	*	517.910	-74.24	8.14	-66.10	-13.00	-53.10	peak	
5		549.920	-75.85	7.96	-67.89	-13.00	-54.89	peak	
6		647.890	-74.79	7.36	-67.43	-13.00	-54.43	peak	

Test Mode:

WCDMA Band V (Adapter: Chicony / ADLX65YCC3A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		193.930	-72.55	-0.73	-73.28	-13.00	-60.28	peak	
2		226.910	-76.02	7.79	-68.23	-13.00	-55.23	peak	
3		388.900	-75.88	5.29	-70.59	-13.00	-57.59	peak	
4		420.910	-76.67	6.34	-70.33	-13.00	-57.33	peak	
5		453.890	-74.32	3.44	-70.88	-13.00	-57.88	peak	
6	*	636.250	-78.90	13.28	-65.62	-13.00	-52.62	peak	

Test Mode:	LTE Band 5(Adapter: Liteon / ADLX45YLC2A)
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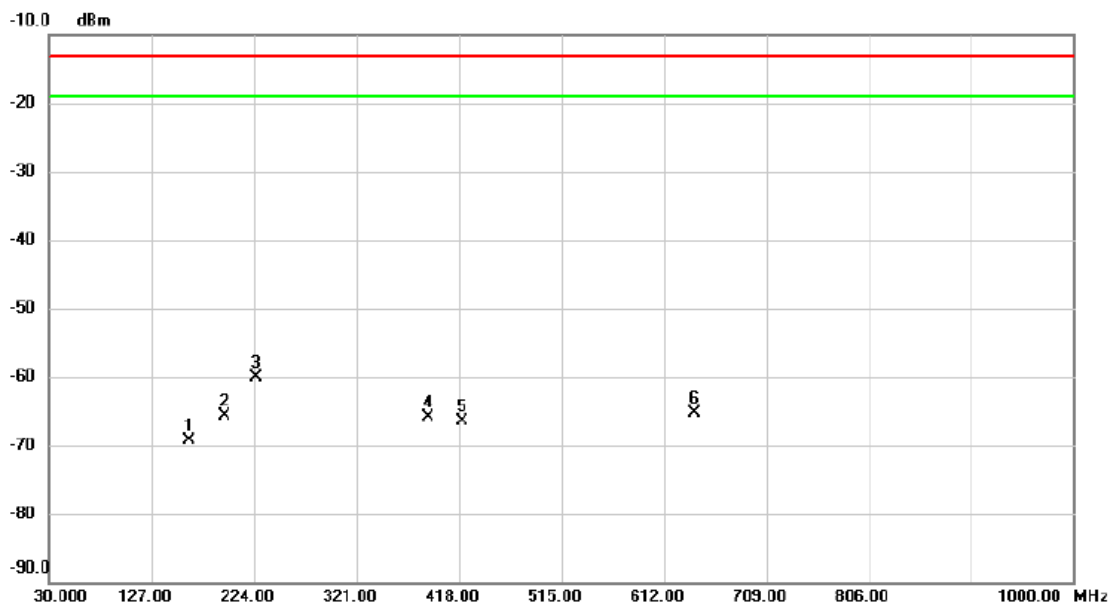
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-68.38	-1.20	-69.58	-13.00	-56.58	peak	
2		159.980	-73.47	1.57	-71.90	-13.00	-58.90	peak	
3		221.090	-65.94	-4.78	-70.72	-13.00	-57.72	peak	
4	*	517.910	-72.94	8.14	-64.80	-13.00	-51.80	peak	
5		549.920	-75.05	7.96	-67.09	-13.00	-54.09	peak	
6		646.920	-75.38	7.15	-68.23	-13.00	-55.23	peak	

Test Mode: LTE Band 5(Adapter: Liteon / ADLX45YLC2A)

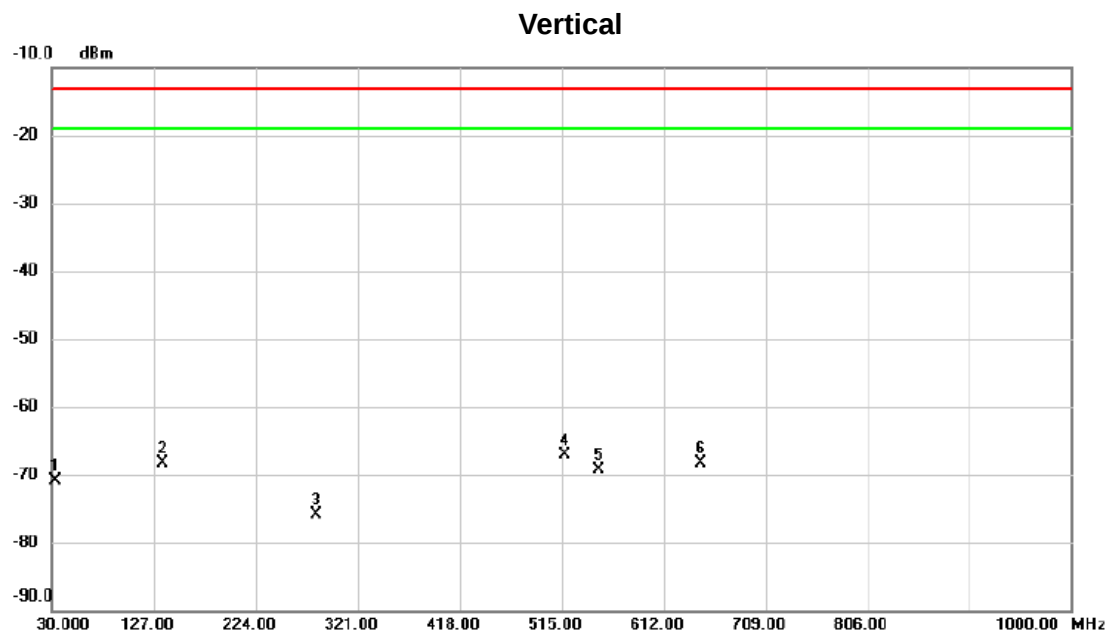
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		161.920	-71.65	2.40	-69.25	-13.00	-56.25	peak	
2		195.870	-64.86	-0.82	-65.68	-13.00	-52.68	peak	
3	*	225.940	-67.72	7.70	-60.02	-13.00	-47.02	peak	
4		388.900	-71.28	5.29	-65.99	-13.00	-52.99	peak	
5		420.910	-72.79	6.34	-66.45	-13.00	-53.45	peak	
6		641.100	-78.85	13.53	-65.32	-13.00	-52.32	peak	

Test Mode:

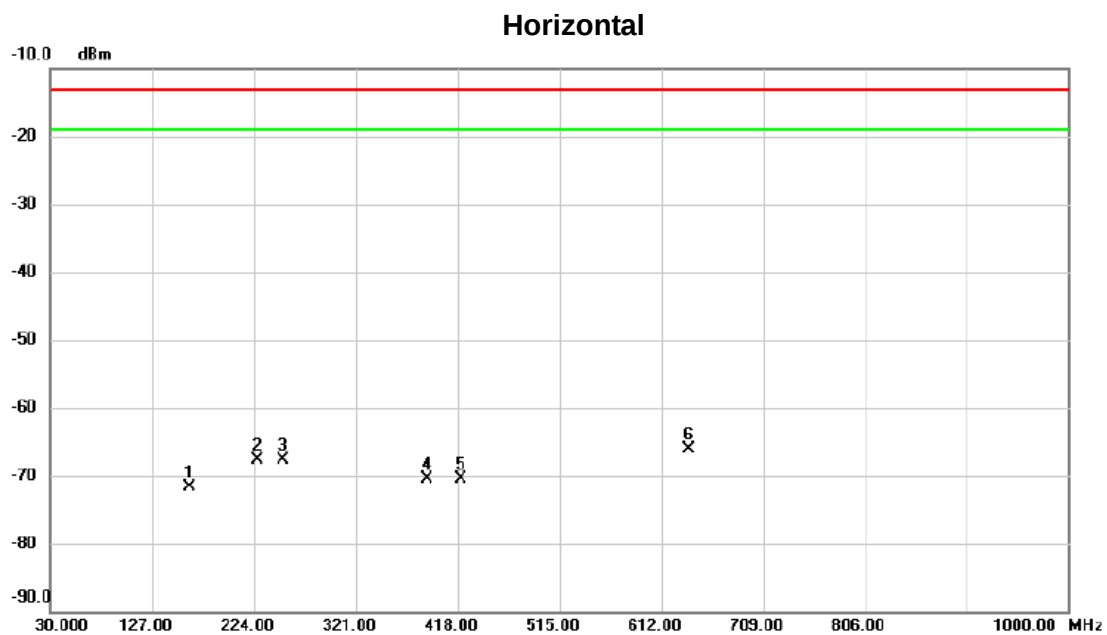
LTE Band 5(Adapter: Chicony / ADLX45YCC2A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		32.910	-70.02	-0.96	-70.98	-13.00	-57.98	peak	
2		135.730	-70.87	2.62	-68.25	-13.00	-55.25	peak	
3		281.230	-79.63	3.67	-75.96	-13.00	-62.96	peak	
4	*	517.910	-75.23	8.14	-67.09	-13.00	-54.09	peak	
5		550.890	-77.27	8.01	-69.26	-13.00	-56.26	peak	
6		647.890	-75.58	7.36	-68.22	-13.00	-55.22	peak	

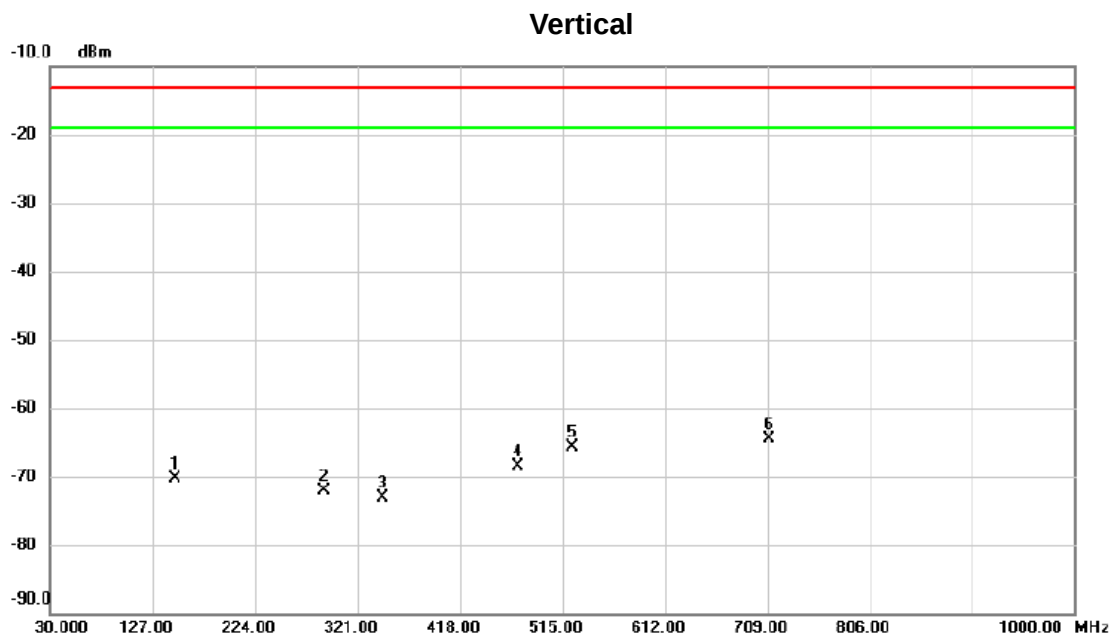
Test Mode:

LTE Band 5(Adapter: Chicony / ADLX45YCC2A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		161.920	-74.17	2.40	-71.77	-13.00	-58.77	peak	
2		226.910	-75.49	7.79	-67.70	-13.00	-54.70	peak	
3		252.130	-69.95	2.28	-67.67	-13.00	-54.67	peak	
4		388.900	-75.89	5.29	-70.60	-13.00	-57.60	peak	
5		420.910	-76.83	6.34	-70.49	-13.00	-57.49	peak	
6	*	638.190	-79.53	13.50	-66.03	-13.00	-53.03	peak	

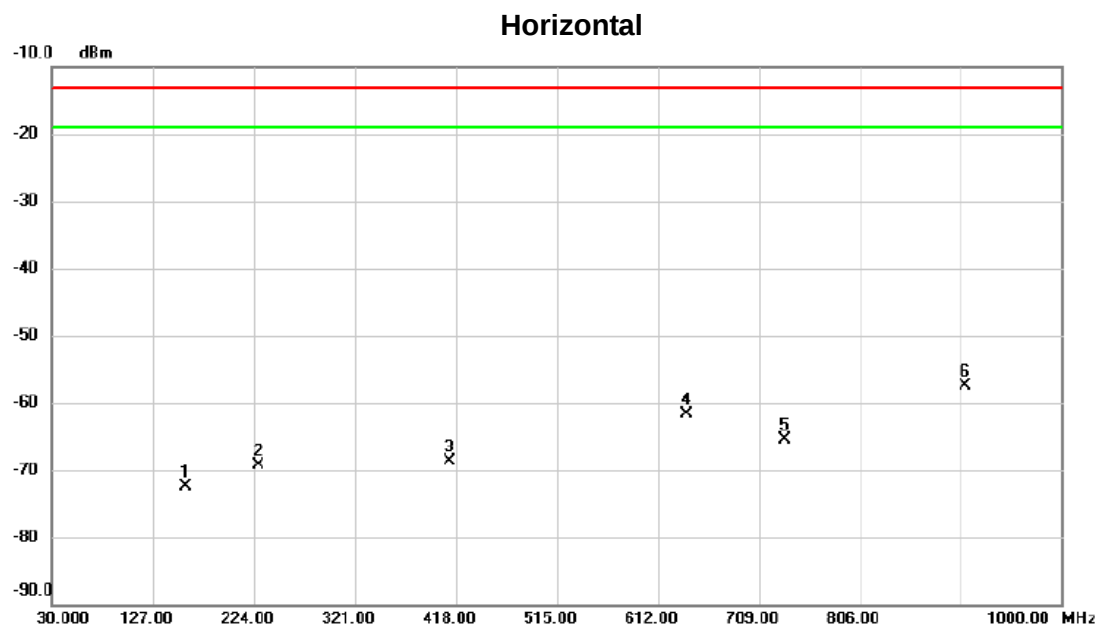
Test Mode: LTE Band 5(Adapter: Liteon / ADLX45YLC3A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		148.340	-75.66	5.33	-70.33	-13.00	-57.33	peak	
2		288.990	-76.69	4.65	-72.04	-13.00	-59.04	peak	
3		344.280	-75.56	2.39	-73.17	-13.00	-60.17	peak	
4		472.320	-73.85	5.43	-68.42	-13.00	-55.42	peak	
5		524.700	-73.96	8.23	-65.73	-13.00	-52.73	peak	
6	*	710.940	-75.25	10.82	-64.43	-13.00	-51.43	peak	

Test Mode:

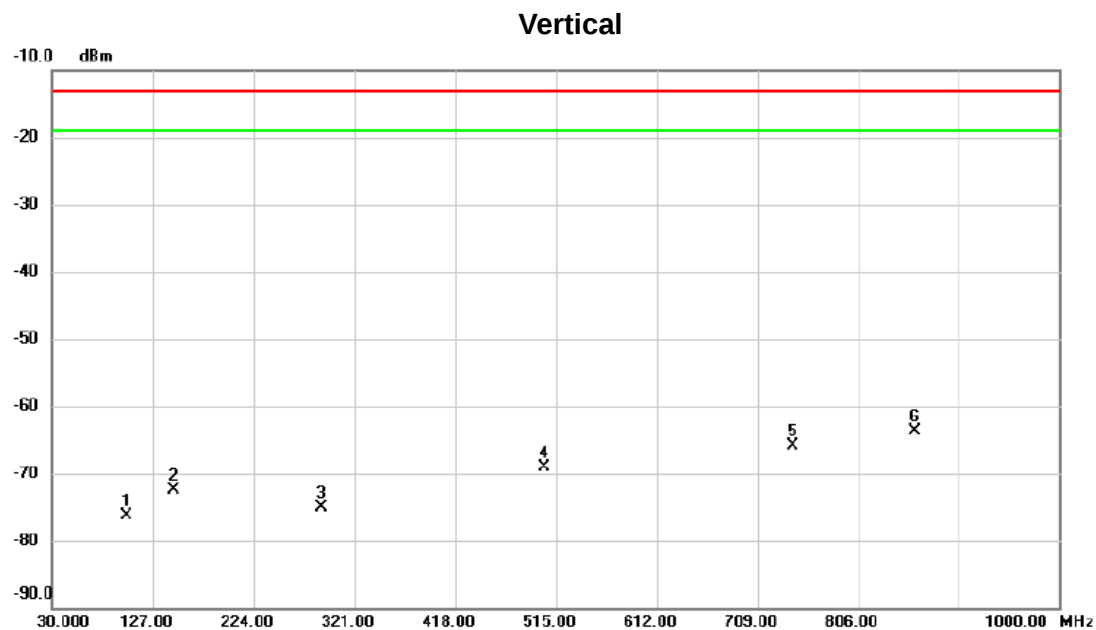
LTE Band 5(Adapter: Liteon / ADLX45YLC3A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		158.040	-75.69	3.19	-72.50	-13.00	-59.50	peak	
2		228.850	-77.25	7.97	-69.28	-13.00	-56.28	peak	
3		412.180	-74.93	6.30	-68.63	-13.00	-55.63	peak	
4		640.130	-75.34	13.68	-61.66	-13.00	-48.66	peak	
5		734.220	-75.71	10.17	-65.54	-13.00	-52.54	peak	
6	*	906.880	-68.78	11.20	-57.58	-13.00	-44.58	peak	

Test Mode:

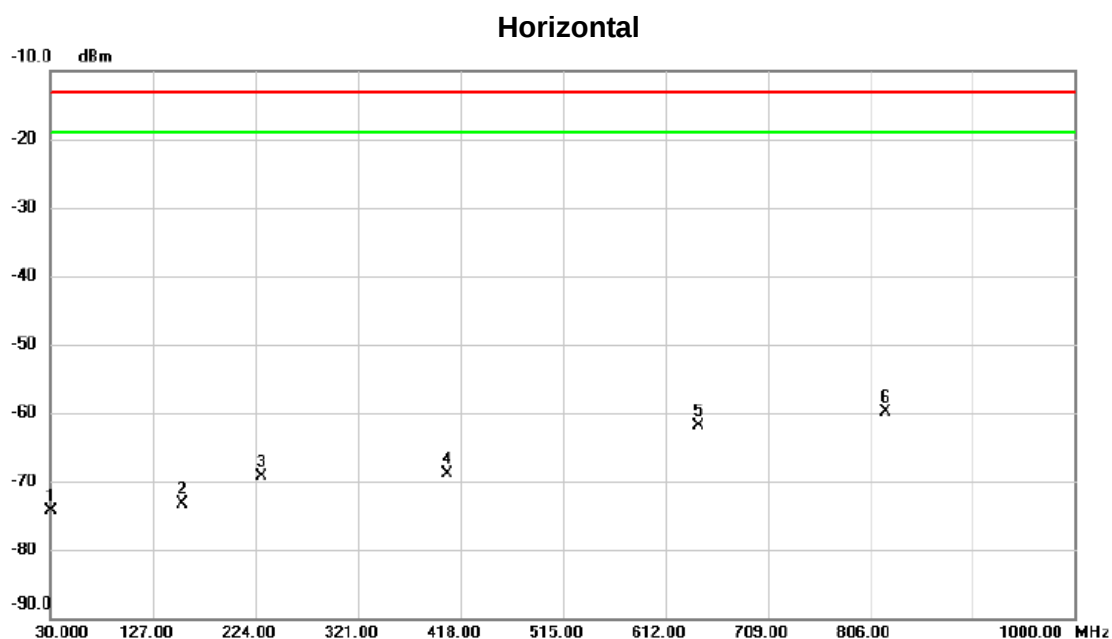
LTE Band 5(Adapter: Chicony / ADLX45YCC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		101.780	-77.76	1.51	-76.25	-13.00	-63.25	peak	
2		146.400	-78.53	5.98	-72.55	-13.00	-59.55	peak	
3		289.960	-79.90	4.80	-75.10	-13.00	-62.10	peak	
4		504.330	-77.10	7.93	-69.17	-13.00	-56.17	peak	
5		742.950	-77.70	11.75	-65.95	-13.00	-52.95	peak	
6	*	860.320	-76.05	12.26	-63.79	-13.00	-50.79	peak	

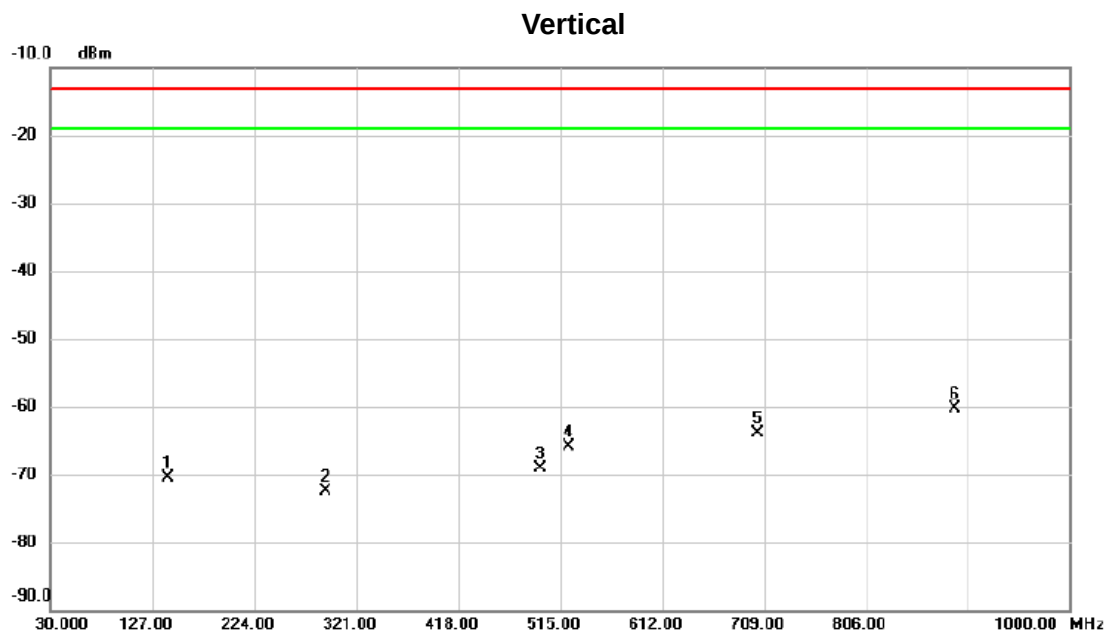
Test Mode:

LTE Band 5(Adapter: Chicony / ADLX45YCC3A)



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1		30.000	-76.11	1.88	-74.23	-13.00	-61.23	peak	
2		154.160	-76.41	3.12	-73.29	-13.00	-60.29	peak	
3		229.820	-77.27	8.06	-69.21	-13.00	-56.21	peak	
4		405.390	-75.58	6.68	-68.90	-13.00	-55.90	peak	
5		643.040	-75.15	13.23	-61.92	-13.00	-48.92	peak	
6	*	820.550	-75.31	15.34	-59.97	-13.00	-46.97	peak	

Test Mode:	LTE Band 5(Adapter: Liteon / ADLX65YLC3A)
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		141.550	-75.42	4.84	-70.58	-13.00	-57.58	peak	
2		291.900	-76.94	4.42	-72.52	-13.00	-59.52	peak	
3		496.570	-75.61	6.50	-69.11	-13.00	-56.11	peak	
4		522.760	-73.99	8.12	-65.87	-13.00	-52.87	peak	
5		703.180	-74.58	10.68	-63.90	-13.00	-50.90	peak	
6	*	890.390	-72.50	12.14	-60.36	-13.00	-47.36	peak	

Test Mode: LTE Band 5(Adapter: Liteon / ADLX65YLC3A)

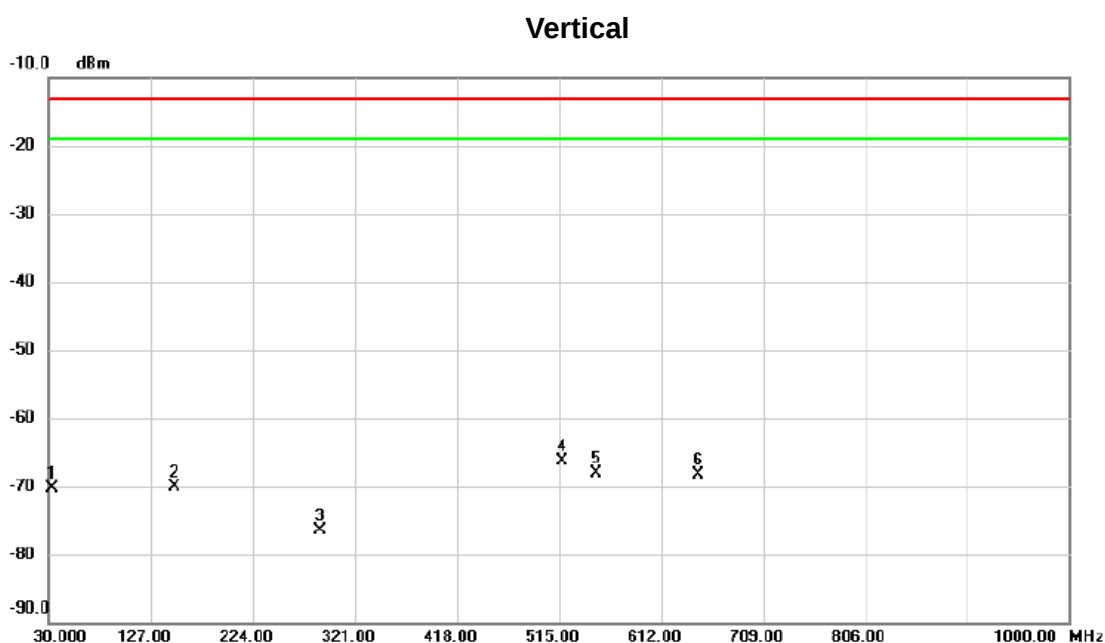
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		157.070	-81.87	3.18	-78.69	-13.00	-65.69	peak	
2		227.880	-82.74	7.89	-74.85	-13.00	-61.85	peak	
3		402.480	-80.64	6.76	-73.88	-13.00	-60.88	peak	
4		554.770	-79.14	6.39	-72.75	-13.00	-59.75	peak	
5 *		635.280	-79.78	13.18	-66.60	-13.00	-53.60	peak	
6		696.390	-80.52	12.19	-68.33	-13.00	-55.33	peak	

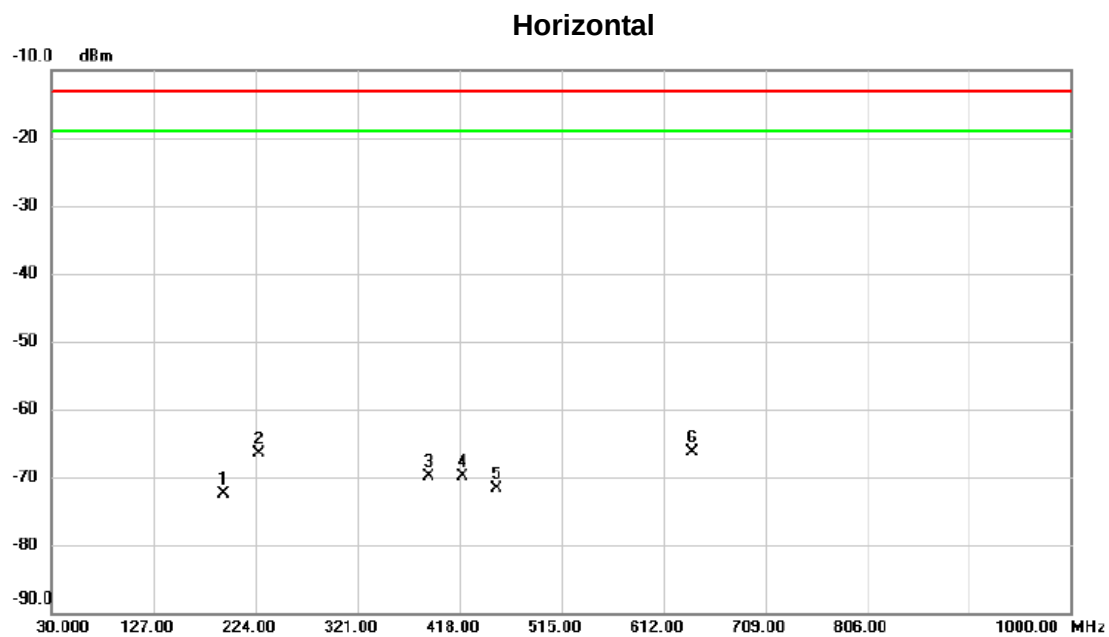
Test Mode:

LTE Band 5(Adapter: Chicony / ADLX65YCC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		32.910	-69.37	-0.96	-70.33	-13.00	-57.33	peak	
2		149.310	-75.18	5.01	-70.17	-13.00	-57.17	peak	
3		288.020	-80.96	4.52	-76.44	-13.00	-63.44	peak	
4	*	517.910	-74.39	8.14	-66.25	-13.00	-53.25	peak	
5		550.890	-76.17	8.01	-68.16	-13.00	-55.16	peak	
6		647.890	-75.57	7.36	-68.21	-13.00	-55.21	peak	

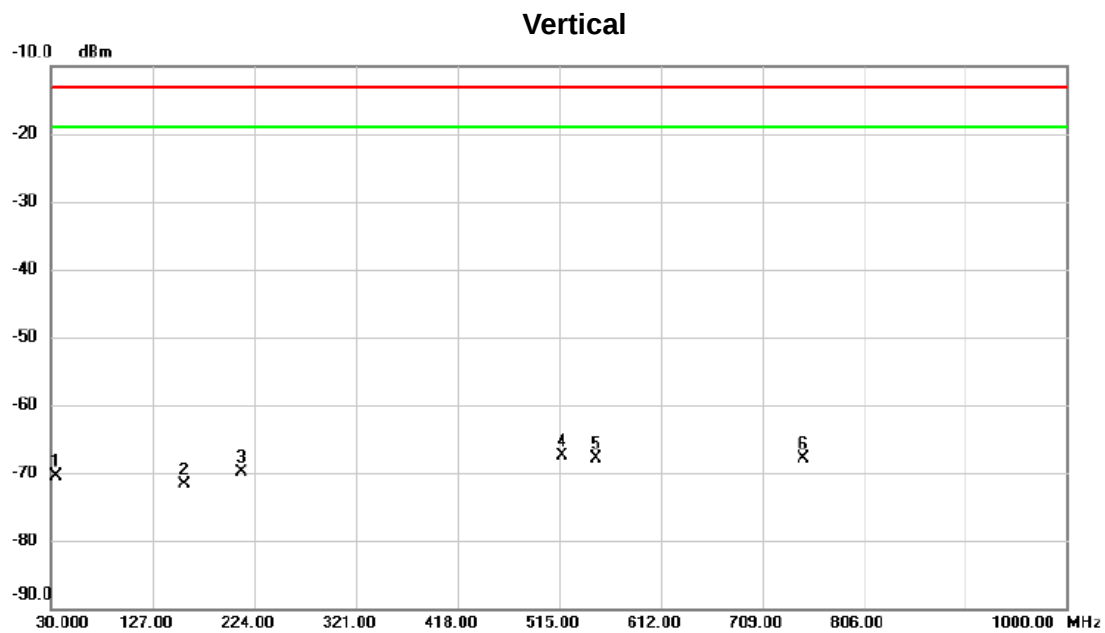
Test Mode: LTE Band 5(Adapter: Chicony / ADLX65YCC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		193.930	-71.82	-0.73	-72.55	-13.00	-59.55	peak	
2		226.910	-74.22	7.79	-66.43	-13.00	-53.43	peak	
3		388.900	-75.24	5.29	-69.95	-13.00	-56.95	peak	
4		420.910	-76.30	6.34	-69.96	-13.00	-56.96	peak	
5		453.890	-75.14	3.44	-71.70	-13.00	-58.70	peak	
6	*	640.130	-79.91	13.68	-66.23	-13.00	-53.23	peak	

Test Mode:

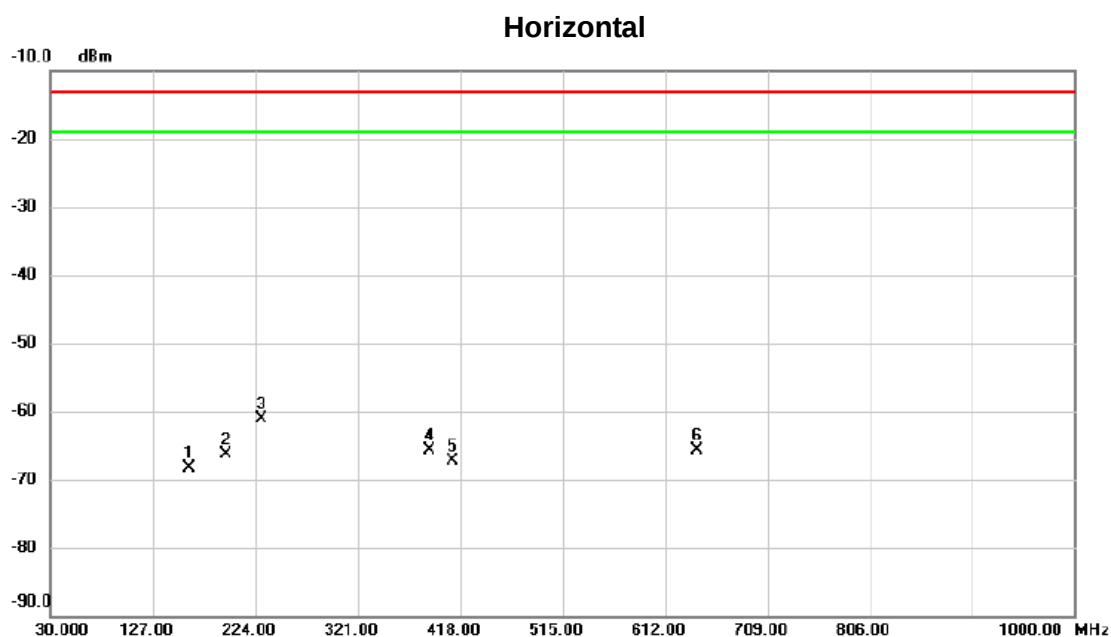
LTE Band 26 (Adapter: Liteon / ADLX45YLC2A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-69.20	-1.20	-70.40	-13.00	-57.40	peak	
2		157.070	-74.63	2.99	-71.64	-13.00	-58.64	peak	
3		211.390	-65.97	-3.92	-69.89	-13.00	-56.89	peak	
4	*	517.910	-75.54	8.14	-67.40	-13.00	-54.40	peak	
5		550.890	-75.86	8.01	-67.85	-13.00	-54.85	peak	
6		748.770	-79.19	11.33	-67.86	-13.00	-54.86	peak	

Test Mode:

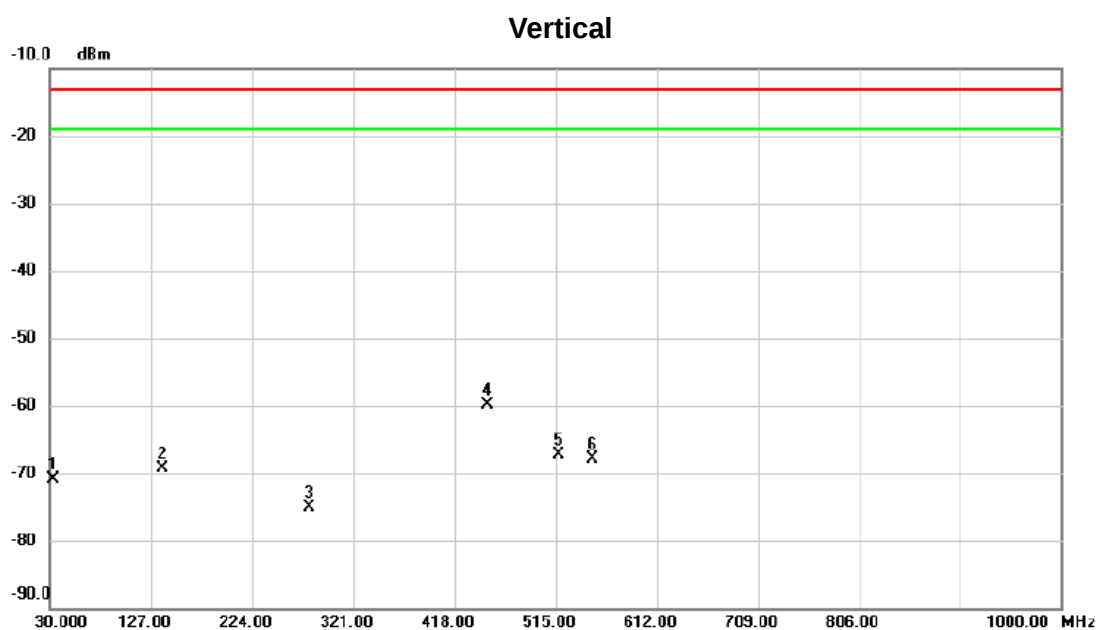
LTE Band 26 (Adapter: Liteon / ADLX45YLC2A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		160.950	-71.02	2.82	-68.20	-13.00	-55.20	peak	
2		195.870	-65.53	-0.82	-66.35	-13.00	-53.35	peak	
3	*	229.820	-69.15	8.06	-61.09	-13.00	-48.09	peak	
4		388.900	-71.08	5.29	-65.79	-13.00	-52.79	peak	
5		410.240	-73.60	6.39	-67.21	-13.00	-54.21	peak	
6		642.070	-79.14	13.38	-65.76	-13.00	-52.76	peak	

Test Mode:

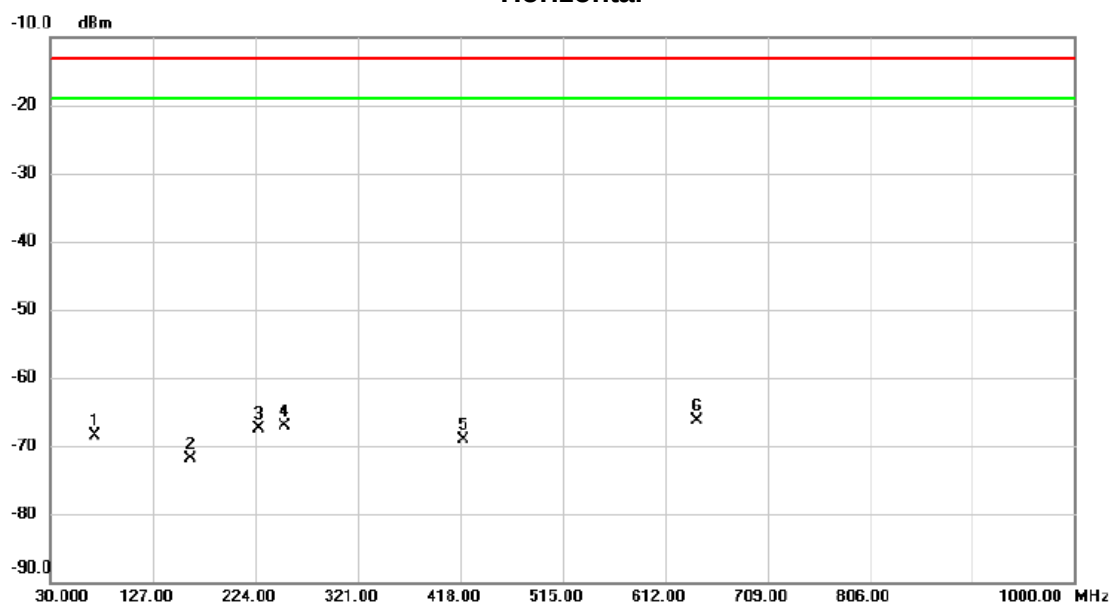
LTE Band 26 (Adapter: Chicony / ADLX45YCC2A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		32.910	-69.85	-0.96	-70.81	-13.00	-57.81	peak	
2		137.670	-72.52	3.27	-69.25	-13.00	-56.25	peak	
3		279.290	-78.56	3.46	-75.10	-13.00	-62.10	peak	
4	*	449.040	-62.19	2.24	-59.95	-13.00	-46.95	peak	
5		517.910	-75.50	8.14	-67.36	-13.00	-54.36	peak	
6		550.890	-75.89	8.01	-67.88	-13.00	-54.88	peak	

Test Mode:	LTE Band 26 (Adapter: Chicony / ADLX45YCC2A)
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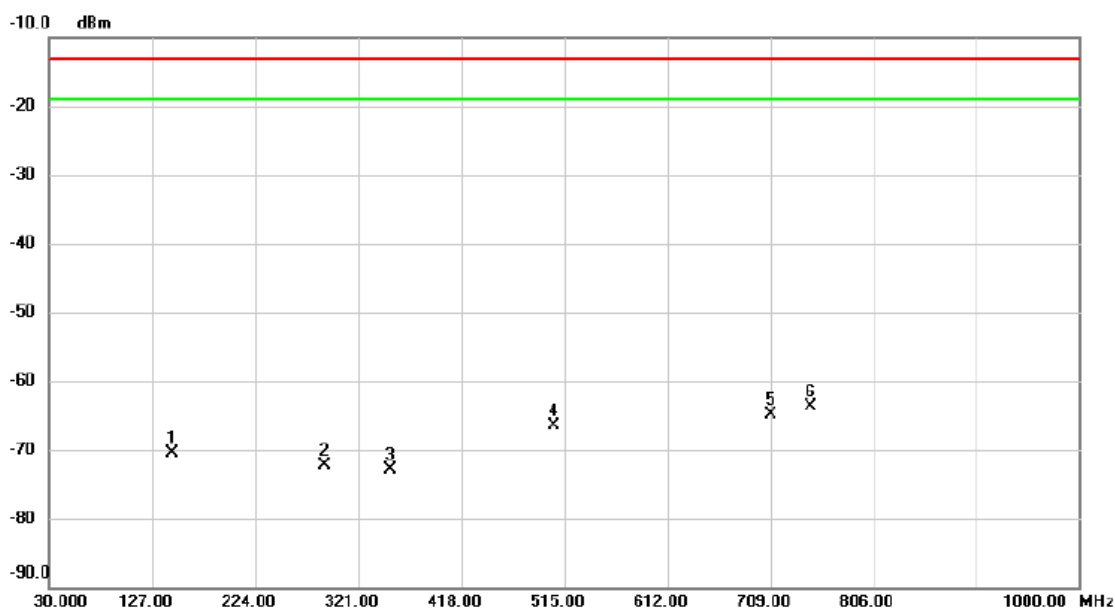
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		71.710	-58.78	-9.68	-68.46	-13.00	-55.46	peak	
2		161.920	-74.27	2.40	-71.87	-13.00	-58.87	peak	
3		226.910	-75.31	7.79	-67.52	-13.00	-54.52	peak	
4		252.130	-69.29	2.28	-67.01	-13.00	-54.01	peak	
5		420.910	-75.38	6.34	-69.04	-13.00	-56.04	peak	
6	*	642.070	-79.61	13.38	-66.23	-13.00	-53.23	peak	

Test Mode: LTE Band 26 (Adapter: Liteon / ADLX45YLC3A)

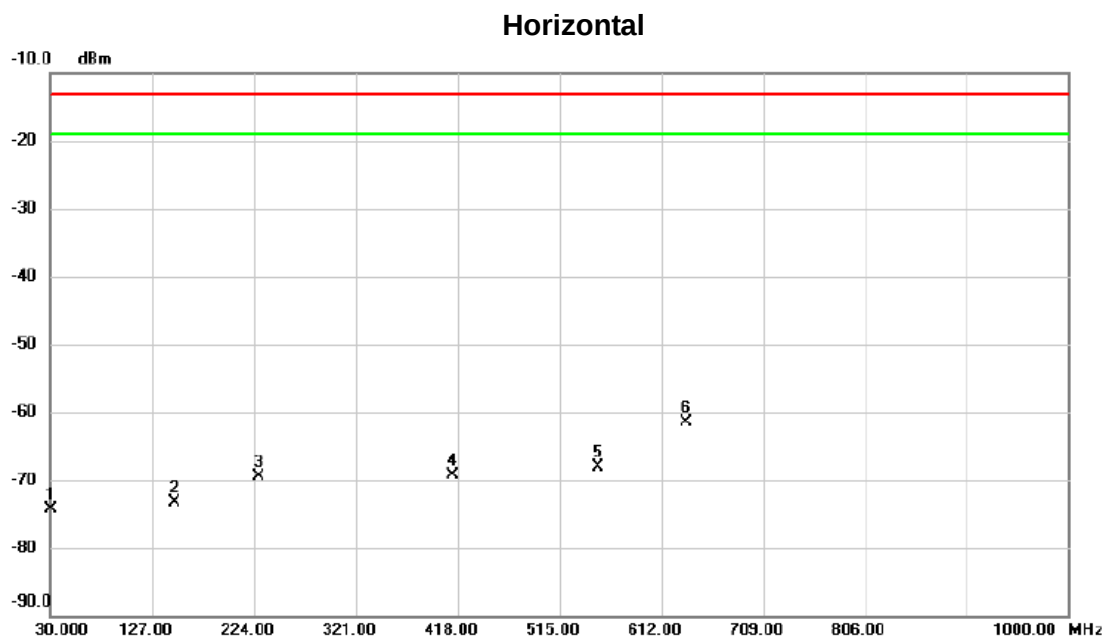
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		145.430	-76.88	6.30	-70.58	-13.00	-57.58	peak	
2		288.990	-76.87	4.65	-72.22	-13.00	-59.22	peak	
3		351.070	-75.97	3.08	-72.89	-13.00	-59.89	peak	
4		505.300	-74.47	8.05	-66.42	-13.00	-53.42	peak	
5		709.970	-75.88	10.94	-64.94	-13.00	-51.94	peak	
6	*	746.830	-75.20	11.55	-63.65	-13.00	-50.65	peak	

Test Mode:

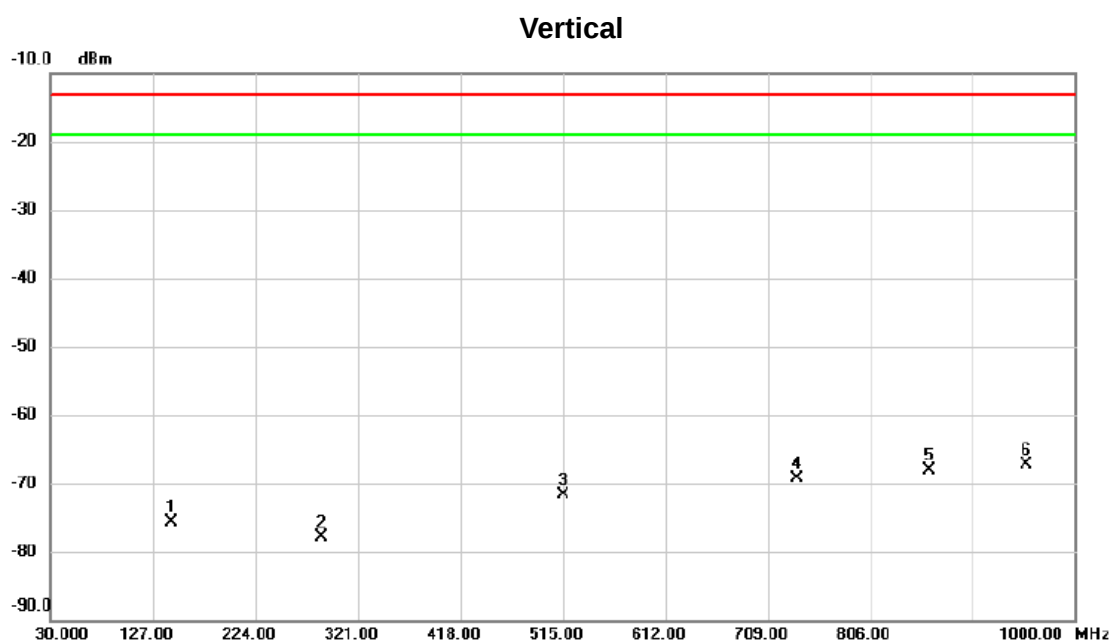
LTE Band 26 (Adapter: Liteon / ADLX45YLC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.970	-75.90	1.57	-74.33	-13.00	-61.33	peak	
2		148.340	-76.25	2.91	-73.34	-13.00	-60.34	peak	
3		228.850	-77.53	7.97	-69.56	-13.00	-56.56	peak	
4		413.150	-75.47	6.26	-69.21	-13.00	-56.21	peak	
5		551.860	-74.80	6.68	-68.12	-13.00	-55.12	peak	
6	*	635.280	-74.74	13.18	-61.56	-13.00	-48.56	peak	

Test Mode:

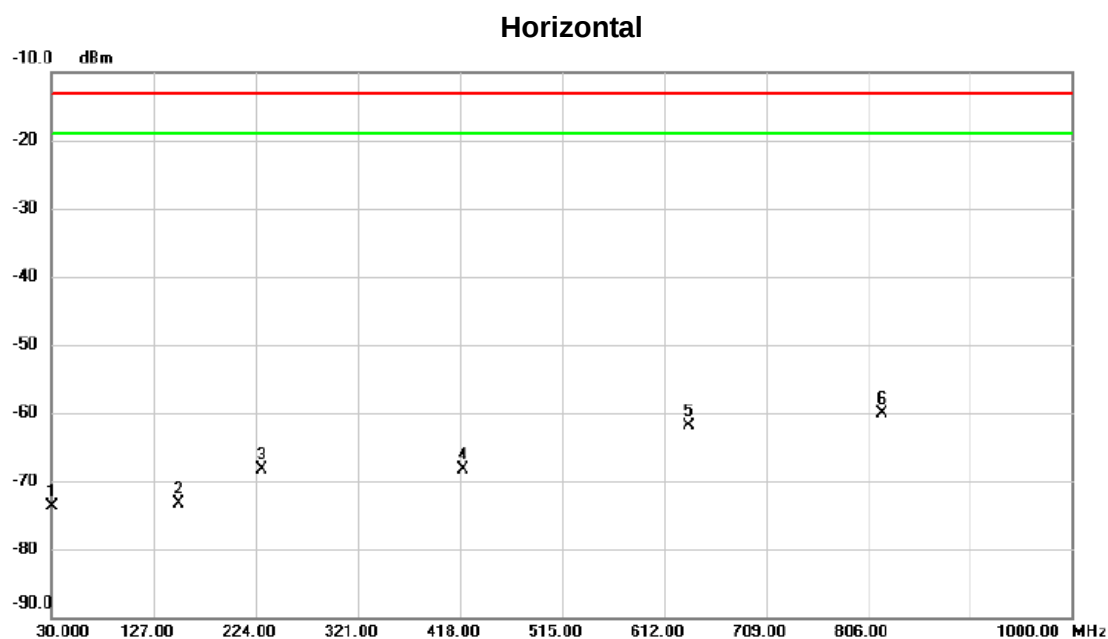
LTE Band 26 (Adapter: Chicony / ADLX45YCC3A)



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		144.460	-81.96	6.25	-75.71	-13.00	-62.71	peak	
2		287.050	-82.29	4.37	-77.92	-13.00	-64.92	peak	
3		515.970	-79.92	8.31	-71.61	-13.00	-58.61	peak	
4		736.160	-81.06	11.70	-69.36	-13.00	-56.36	peak	
5		862.260	-80.61	12.47	-68.14	-13.00	-55.14	peak	
6	*	953.440	-79.58	12.38	-67.20	-13.00	-54.20	peak	

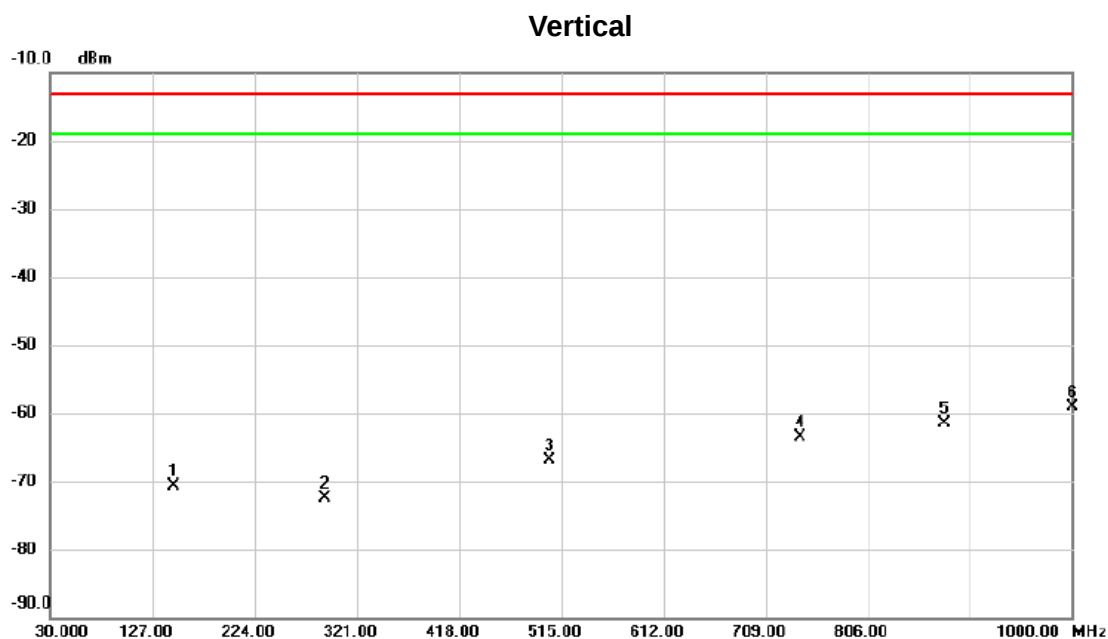
Test Mode:

LTE Band 26 (Adapter: Chicony / ADLX45YCC3A)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.000	-75.54	1.88	-73.66	-13.00	-60.66	peak	
2		150.280	-76.28	3.05	-73.23	-13.00	-60.23	peak	
3		229.820	-76.42	8.06	-68.36	-13.00	-55.36	peak	
4		420.910	-74.64	6.34	-68.30	-13.00	-55.30	peak	
5		636.250	-75.12	13.28	-61.84	-13.00	-48.84	peak	
6	*	819.580	-75.52	15.42	-60.10	-13.00	-47.10	peak	

Test Mode: LTE Band 26 (Adapter: Liteon / ADLX65YLC3A)



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	146.400	-76.69	5.98	-70.71	-13.00	-57.71	peak	
2	290.930	-77.07	4.61	-72.46	-13.00	-59.46	peak	
3	503.360	-74.67	7.76	-66.91	-13.00	-53.91	peak	
4	741.980	-75.15	11.74	-63.41	-13.00	-50.41	peak	
5	878.750	-74.91	13.33	-61.58	-13.00	-48.58	peak	
6 *	1000.000	-76.61	17.45	-59.16	-13.00	-46.16	peak	

Test Mode:

LTE Band 26 (Adapter: Liteon / ADLX65YLC3A)

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		158.040	-81.53	3.19	-78.34	-13.00	-65.34	peak	
2		228.850	-81.67	7.97	-73.70	-13.00	-60.70	peak	
3		418.000	-80.21	6.36	-73.85	-13.00	-60.85	peak	
4		549.920	-80.19	6.86	-73.33	-13.00	-60.33	peak	
5	*	639.160	-79.58	13.61	-65.97	-13.00	-52.97	peak	
6		700.270	-80.96	12.44	-68.52	-13.00	-55.52	peak	

Test Mode: LTE Band 26 (Adapter: Chicony / ADLX65YCC3A)

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		32.910	-69.34	-0.96	-70.30	-13.00	-57.30	peak	
2		144.460	-80.88	6.25	-74.63	-13.00	-61.63	peak	
3		288.020	-79.45	4.52	-74.93	-13.00	-61.93	peak	
4	*	517.910	-74.89	8.14	-66.75	-13.00	-53.75	peak	
5		647.890	-75.47	7.36	-68.11	-13.00	-55.11	peak	
6		744.890	-79.40	11.76	-67.64	-13.00	-54.64	peak	

Test Mode: LTE Band 26 (Adapter: Chicony / ADLX65YCC3A)

Horizontal

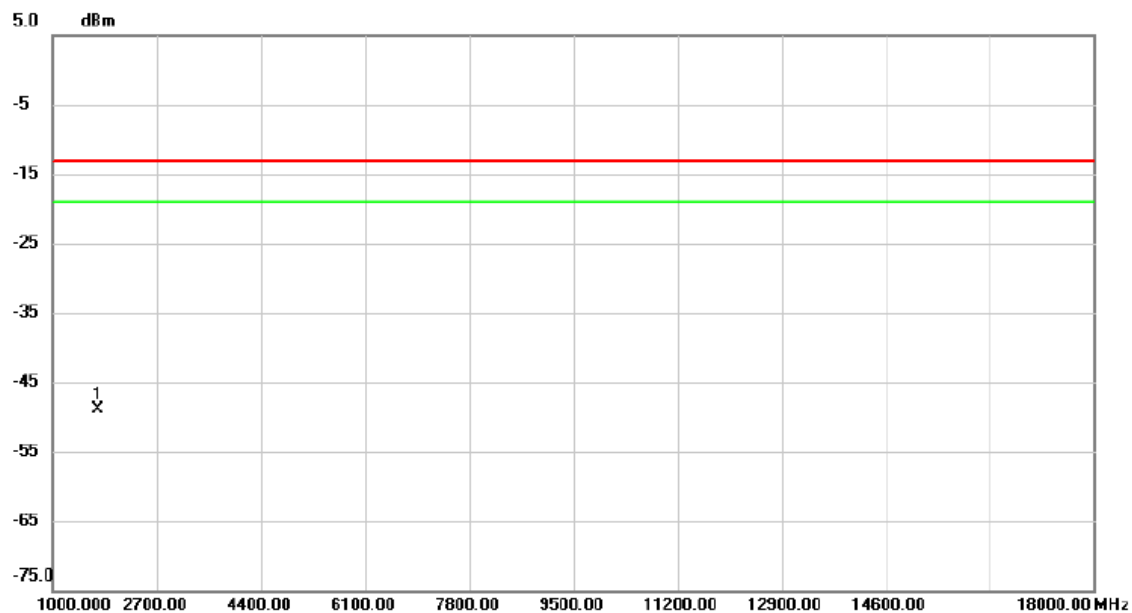


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		161.920	-76.81	2.40	-74.41	-13.00	-61.41	peak	
2		193.930	-72.65	-0.73	-73.38	-13.00	-60.38	peak	
3		226.910	-75.47	7.79	-67.68	-13.00	-54.68	peak	
4		388.900	-74.69	5.29	-69.40	-13.00	-56.40	peak	
5		420.910	-75.78	6.34	-69.44	-13.00	-56.44	peak	
6	*	640.130	-79.51	13.68	-65.83	-13.00	-52.83	peak	

APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode:	WCDMA Band V
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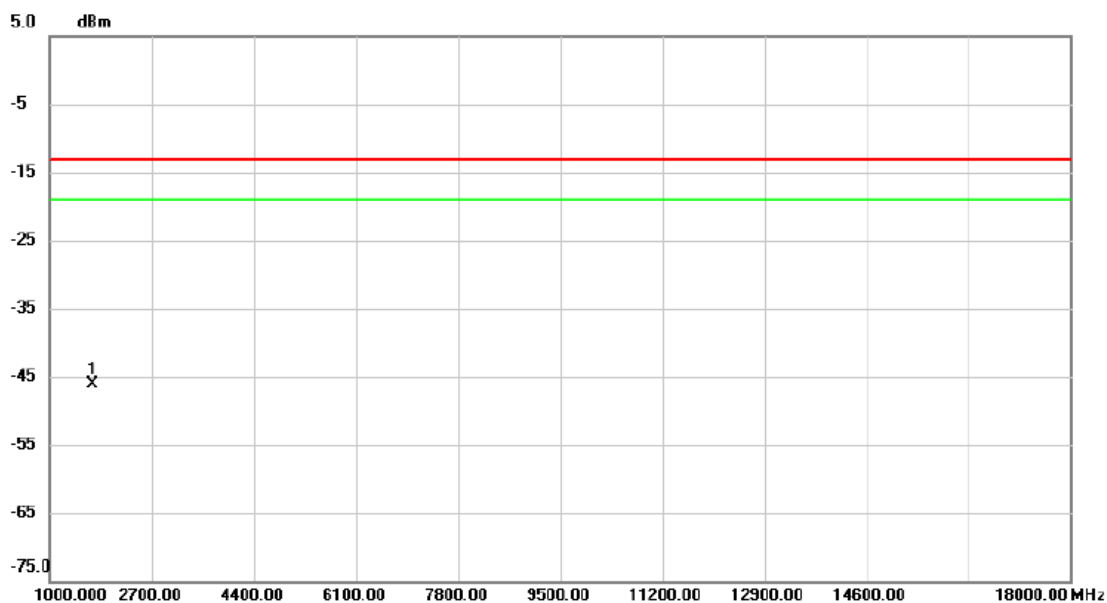
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1731.000	-56.23	7.29	-48.94	-13.00	-35.94	peak	

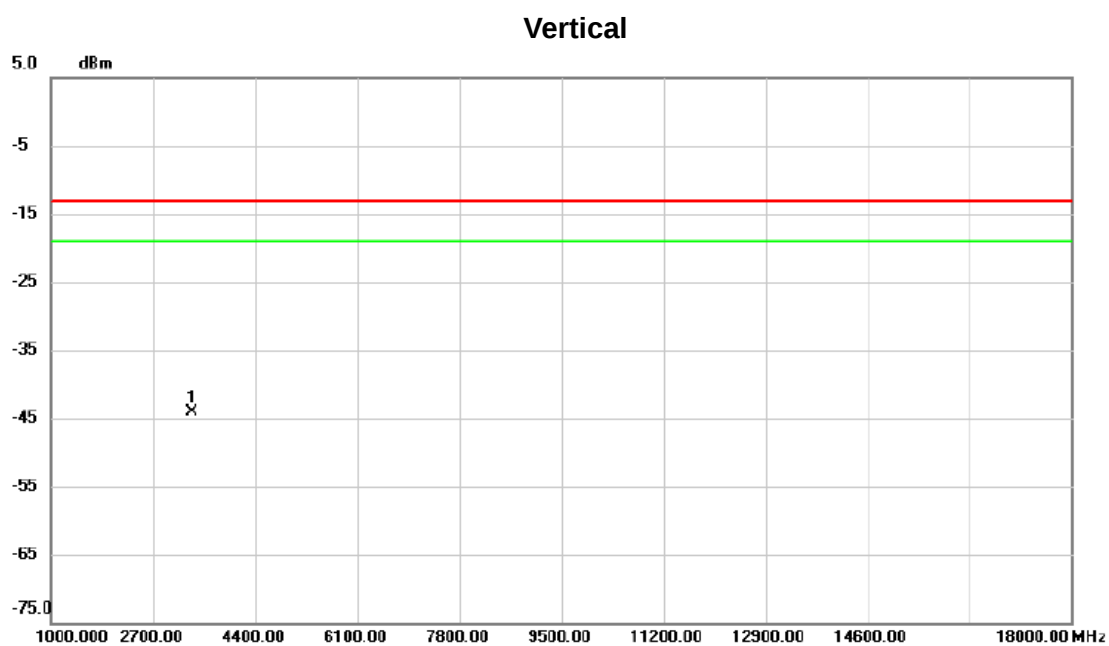
Test Mode:	WCDMA Band V
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1714.000	-54.25	8.18	-46.07	-13.00	-33.07	peak	

Test Mode:	LTE Band 5_1.4M
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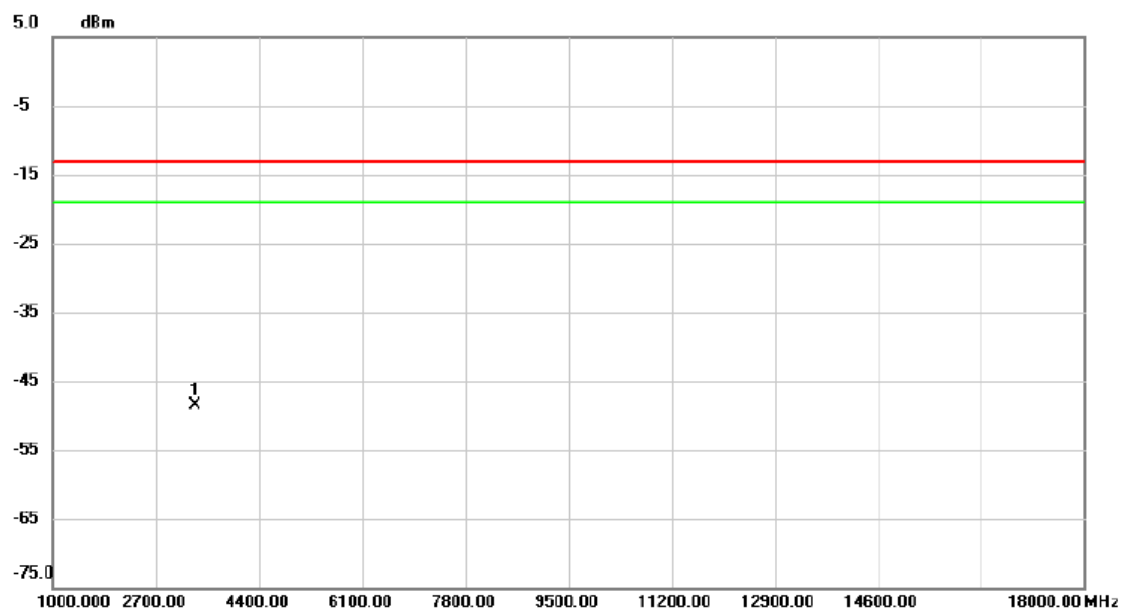


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3340.000	-57.73	13.68	-44.05	-13.00	-31.05	peak	

Test Mode:

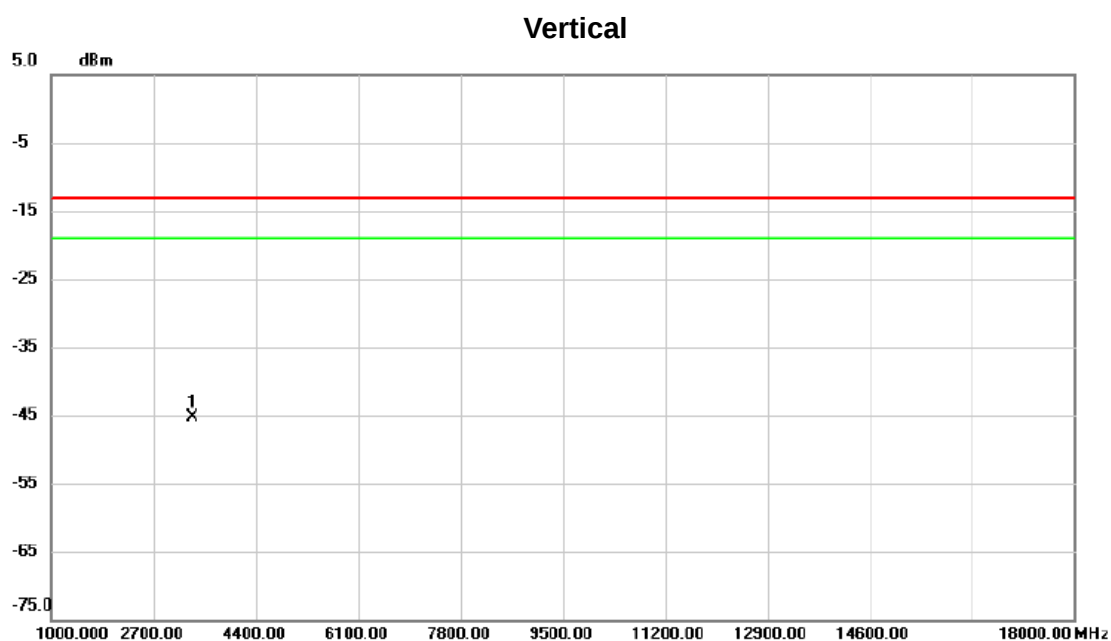
LTE Band 5_1.4M

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3340.000	-58.49	10.02	-48.47	-13.00	-35.47	peak	

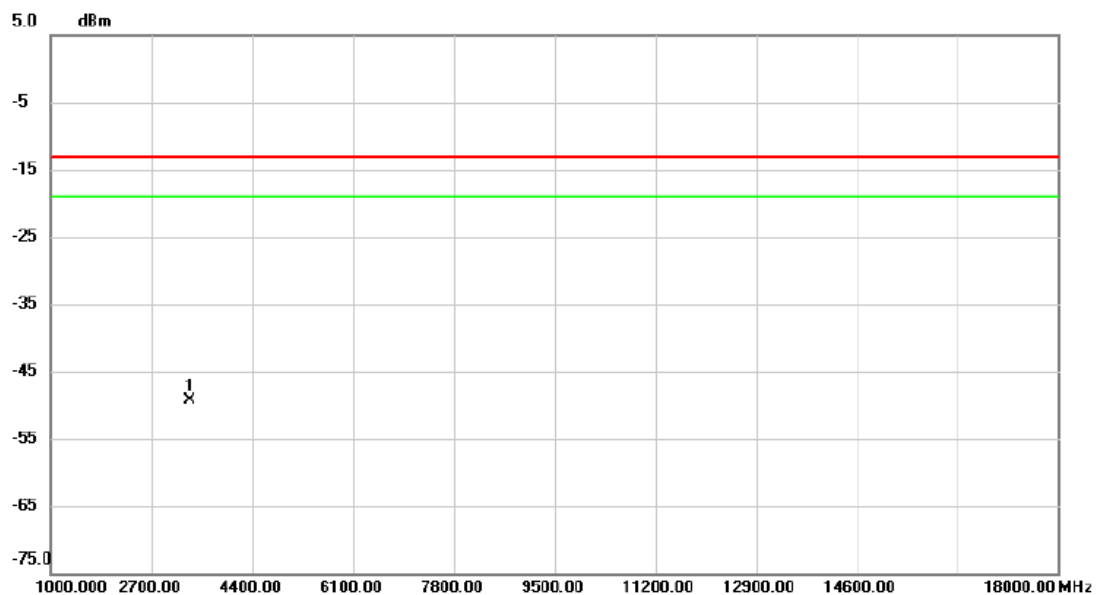
Test Mode:	LTE Band 5_10M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3340.000	-58.92	13.68	-45.24	-13.00	-32.24	peak	

Test Mode:	LTE Band 5_10M
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3340.000	-59.34	10.02	-49.32	-13.00	-36.32	peak	