

FCC Radio Test Report

FCC ID: QISAGS-L03

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

Project No. : 1705C003
Equipment : Huawei MediaPad T3 10 (MediaPad T3 10 for short)
Model Name : AGS-L03
Applicant : Huawei Technologies Co., Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

Date of Receipt : May 02, 2017
Date of Test : May 02, 2017 ~ May 19, 2017
Issued Date : May 22, 2017
Tested by : BTL Inc.

Technical Engineer

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Authorized Signatory

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-6-1705C003	Original Issue.	May 22, 2017

1. CERTIFICATION

Equipment : Huawei MediaPad T3 10 (MediaPad T3 10 for short)
Brand Name : HUAWEI
Model Name : AGS-L03
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Huawei Base, Bantian, Longgang District ,
Shenzhen 518129, P.R.China
Factory : Huawei Technologies Co.,Ltd.
Address : Administration Building, Huawei Base, Bantian, Longgang District ,
Shenzhen 518129, P.R.China
Date of Test : May 02, 2017 ~ May 19, 2017
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 v02r02

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-6-1705C003) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the GSM850, 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

Note:

(1) "N/A" denotes test is not applicable to this device.

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: 319330

2.2 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. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

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	Huawei MediaPad T3 10 (MediaPad T3 10 for short)			
Brand Name	HUAWEI			
Model Name	AGS-L03			
Model Difference	N/A			
Modulation Type	GSM/GPRS	GMSK		
	EDGE	GMSK, 8PSK		
	WCDMA	UP: QPSK DP: QPSK, 16QAM, 64AQM		
	LTE	UP: QPSK, 16QAM DP: QPSK, 16QAM, 64AQM		
Operation Frequency	GSM /EDGE/GPRS	824.2 ~ 848.8 MHz		
	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)	825.5 ~ 847.5 MHz		
	LTE 26 (Channel Bandwidth: 3MHz)	826.5 ~ 846.5 MHz		
	LTE 26 (Channel Bandwidth: 5MHz)	829 ~ 844 MHz		
	LTE 26 (Channel Bandwidth: 10MHz)	831.5 ~ 841.5 MHz		
Max. ERP Power	LTE 26 (Channel Bandwidth: 15MHz)	826.5 ~ 846.5 MHz		
	GSM/GPRS	GMSK	29.83	dBm
	EDGE	8PSK	24.64	dBm
	WCDMA	BPSK	20.58	dBm
	WCDMA_HSDPA	16QAM	19.61	dBm
	WCDMA_HSUPA	16QAM	18.97	dBm
	WCDMA_DC-HSDPA	16QAM	19.61	dBm
	LTE 5 (Channel Bandwidth: 1.4MHz)	QPSK	20.45	dBm
		16QAM	19.53	dBm
	LTE 5 (Channel Bandwidth: 3MHz)	QPSK	20.55	dBm
		16QAM	19.56	dBm
	LTE 5 (Channel Bandwidth: 5MHz)	QPSK	20.46	dBm
		16QAM	19.01	dBm
	LTE 5 (Channel Bandwidth: 10MHz)	QPSK	20.65	dBm
		16QAM	19.73	dBm

Max. ERP Power	LTE 26 (Channel Bandwidth: 1.4MHz)	QPSK	20.50	dBm
		16QAM	19.61	dBm
	LTE 26 (Channel Bandwidth: 3MHz)	QPSK	20.39	dBm
		16QAM	19.71	dBm
	LTE 26 (Channel Bandwidth: 5MHz)	QPSK	20.30	dBm
		16QAM	19.04	dBm
	LTE 26 (Channel Bandwidth: 10MHz)	QPSK	20.69	dBm
		16QAM	19.36	dBm
LTE 26 (Channel Bandwidth: 15MHz)	QPSK	20.62	dBm	
	16QAM	20.25	dBm	
Antenna Type	Fixed Internal Antenna			
Antenna Gain	-0.5dBi			
Hardware Version	SH1AGSL09M			
Software Version	AGS-L03C331B005-log			
IMEI No.	Radiated	864273030006025		
	Conducted	864273030006389		
Power Source	#1 DC voltage supplied from adapter. #2 Supplied from battery. #3 Supplied from USB port.			
Power Rating	#1 100-240V~ 50/60Hz 0.2A #2 DC 3.8V 4650mAh #2 DC 5V 1A			

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- The EUT contains following accessory devices.

Item	Mfr/Brand	Model.
Battery	Sunwoda Electronic Co., LTD	HB3080G1EBC/ HB3080G1EBW
	Harbin Coslight Power Co.,Ltd.	
Earphone	JIANGXI LIANCHUANG HONGSHENG ELECTRONIC CO., LTD	22040150
	BOLUO COUNTY QUANCHENG ELECTRONIC CO., LTD	22040150
	Goer Tek Inc	22040150
USB Cable	Shenzhen Luxshare Precision Industry Co.,Ltd.	L99U2017-CS-H
	FOXCONN INTERCONNECT TECHNOLOGY LIMITED	CUBB01M-HC304-DH
	HONGLIN TECHNOLOGY CO.,LTD	130-26988
Adapter	DONGGUAN PHITEK ELECTRONICS CO.,LTD.	HW-050100U01 HW-050100A01 HW-050100E01 HW-050100B01
	SHENZHEN HUNTKEY ELECTRONIC CO.,LTD.	
	HUIZHOU BYD ELECTRONIC CO., LTD.	

3.2 DESCRIPTION OF TEST MODES AND TEST CONDITION

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

GSM MODE			
Test Item	Available Channel	Tested Channel	Mode
ERP	128 to 251	128, 190, 251	GSM, EDGE
Conducted Output Power	128 to 251	128, 190, 251	GSM, EDGE
Occupied Bandwidth	128 to 251	128, 190, 251	GSM, EDGE
Conducted Emission	128 to 251	190	GSM, EDGE
Radiated Emission	128 to 251	128	GSM, EDGE
Band Edge	128 to 251	128, 251	GSM, EDGE
Peak to Average Ratio	128 to 251	128, 190, 251	GSM, EDGE
Frequency Stability	128 to 251	190	GSM

WCDMA MODE			
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
Conducted Emission	4132 to 4233	4182	WCDMA, HSDPA, HSUPA
Radiated 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

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in **QPSK** modulation.

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 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 Emission	20407 to 20643	20525	1.4MHz	QPSK	1 RB
	20450 to 20600	20525	10MHz	QPSK	1 RB
Band Edge	20407 to 20643	20407	1.4MHz	QPSK	1 RB
					6 RB
		20643	1.4MHz	QPSK	1 RB
					6 RB
	20415 to 20635	20415	3MHz	QPSK	1 RB
					15 RB
		20635	3MHz	QPSK	1 RB
					15 RB
	20425 to 20625	20425	5MHz	QPSK	1 RB
					25 RB
		20625	5MHz	QPSK	1 RB
					25 RB
	20450 to 20600	20450	10MHz	QPSK	1 RB
					50 RB
		20600	10MHz	QPSK	1 RB
					50 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

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

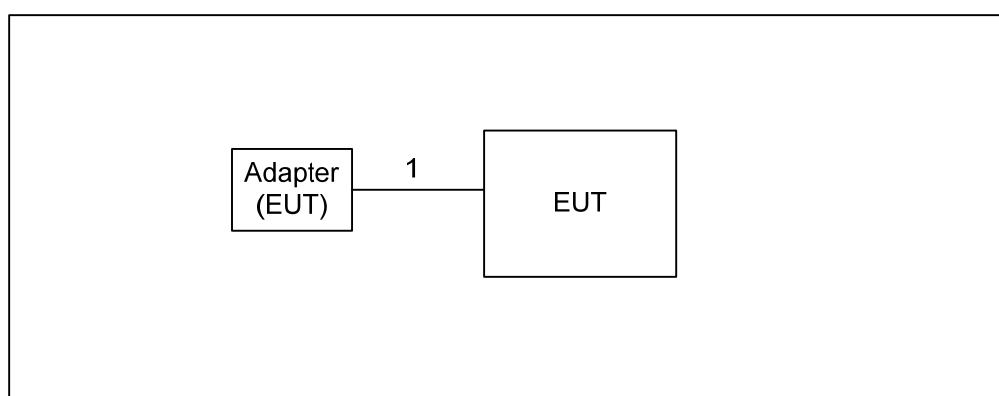
LTE BAND 26					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1RB/3RB/6RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	1RB/8RB/15RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	1RB/12RB/25RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	1RB/25RB/50RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	1RB/36RB/75RB
Occupied Bandwidth	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	6RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	15 RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	25 RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	50 RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	75 RB
Conducted Emission	26797 to 27033	26915	1.4MHz	QPSK	1 RB
	26805 to 27025	26915	3MHz	QPSK	1 RB
	26815 to 27015	26915	5MHz	QPSK	1 RB
	26840 to 26990	26915	10MHz	QPSK	1 RB
	26915 to 26965	26915	15MHz	QPSK	1 RB
Radiated Emission	26797 to 27033	27033	1.4MHz	QPSK	1 RB
	26915 to 26965	26865	15MHz	QPSK	1 RB
Band Edge	26797 to 27033	26797	1.4MHz	QPSK	1 RB
					6 RB
		27033	1.4MHz	QPSK	1 RB
					6 RB
	26805 to 27025	26805	3MHz	QPSK	1 RB
					15 RB
		27025	3MHz	QPSK	1 RB
					15 RB
	26815 to 27015	26815	5MHz	QPSK	1 RB
					25 RB
		27015	5MHz	QPSK	1 RB
					25 RB
	26840 to 26990	26840	10MHz	QPSK	1 RB
					50 RB
		26990	10MHz	QPSK	1 RB
					50 RB
	26865 to 26965	26865	15MHz	QPSK	1 RB
					75 RB
		26965	15MHz	QPSK	1 RB
					75 RB

LTE BAND 26					
Test Item	Available Channel	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM	1 RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM	15 RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM	25 RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM	50 RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM	75 RB
Frequency Stability	26797 to 27033	26915	1.4MHz	QPSK	1 RB
	26805 to 27025	26915	3MHz	QPSK	1 RB
	26815 to 27015	26915	5MHz	QPSK	1 RB
	26840 to 26990	26915	10MHZ	QPSK	1 RB
	26915 to 26965	26915	15MHZ	QPSK	1 RB

EUT TEST CONDITIONS:

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

3.3 BLOCK DIAGRAM 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	YES	NO	1m	USB 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:

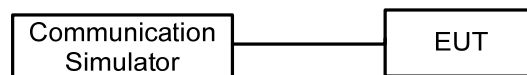
1. EIRP= Conducted Power +Antenan gain
ERP power=EIPR power-2.15dBi.

Conducted Power:

The EUT was set up for the maximum power with GSM, GPRS, EDGE, 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

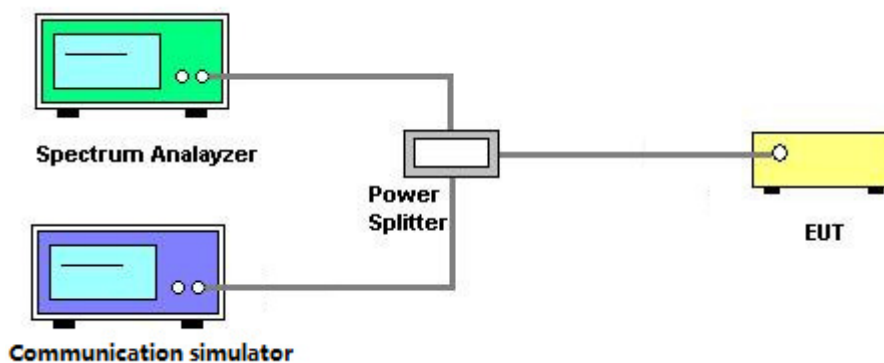
Please refer to the Attachment A.

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 Attachment B.

4.3 CONDUCTED EMISSIONS MEASUREMENT

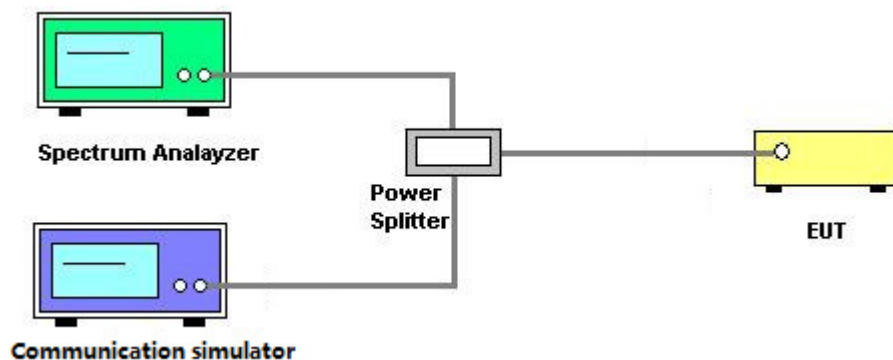
4.3.1 LIMIT

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 v02r02 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 Attachment 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. Substitution method is used for E.I.R.P measurement. 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

This test setup layout is the same as that shown in **section 4.1.3**.

4.4.4 TESTDEVIATION

No deviation

4.4.5 TEST RESULTS

Please refer to the Attachment D.

4.5 BAND EDGE MEASUREMENT

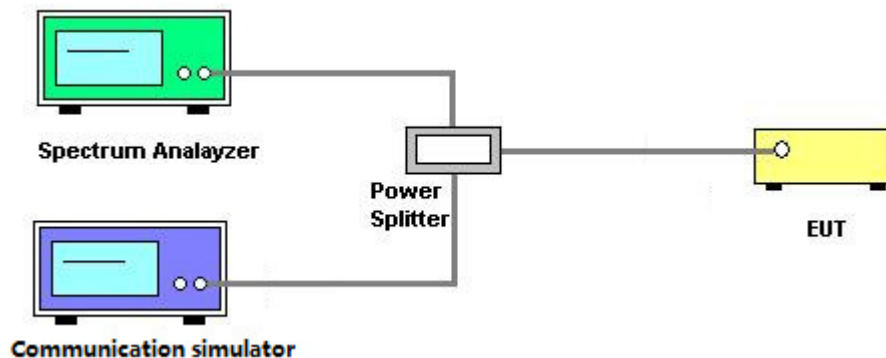
4.5.1 LIMIT

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 1MHz. RB of the spectrum is 3kHz and VB of the spectrum is 10kHz (GSM/GPRS/EDGE).
3. 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).
4. 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).
5. 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).
6. 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).
7. 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 Attachment E.

4.6 PEAK TO AVERAGE RATIO MEASUREMENT

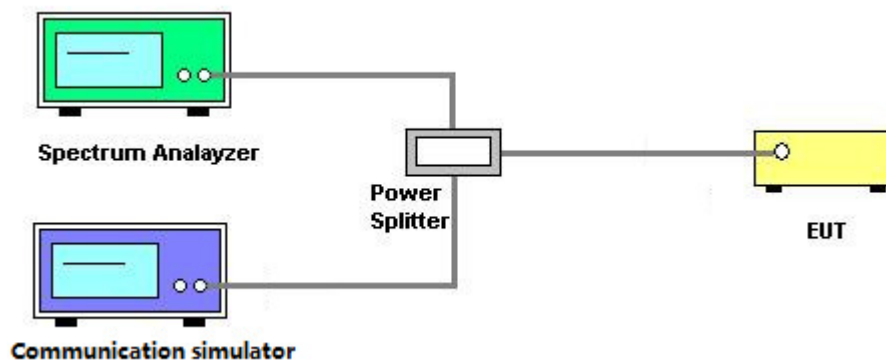
4.6.1 LIMIT

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 Attachment F.

4.7 FREQUENCY STABILITY MEASUREMENT

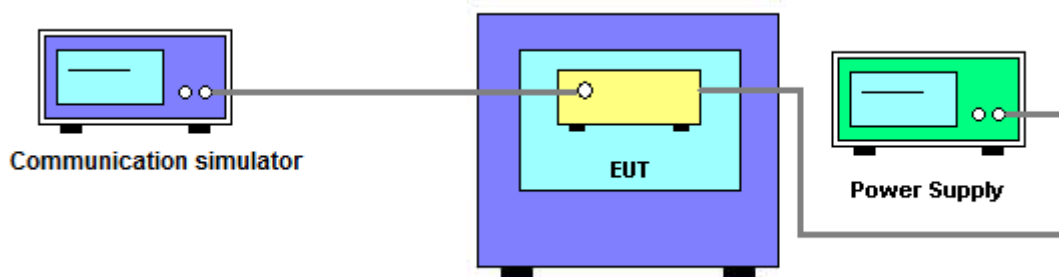
4.7.1 LIMIT

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 Attachment G.

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	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
3	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 22, 2018
4	Amplifier	Agilent	8449B	3008A02274	Mar. 09, 2018
5	Amplifier	HP	8447D	2944A09673	Oct. 20, 2017
6	HighPass Filter	Wairwright Instruments Gmbh	WHK 1.5/15G-10ST	11	Mar. 09, 2018
7	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 1710/1785-1690/180 5-60/12SS	38	Feb. 22, 2018
8	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 824/849-810/863-60/ 9SS	7	Feb. 22, 2018
9	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 880/915-860/935-60/ 9SS	14	Feb. 22, 2018
10	Band Reject Filter	Wairwright Instruments Gmbh	WRCG 1850/1910-1830/193 0-60/10SS	17	Feb. 22, 2018
11	HighPass Filter	Wairwright Instruments Gmbh	WHK3.1/18G-10SS	24	Mar. 09, 2018
12	Wireless Communication Test SET	Agilent	E5515C	MY48364183	Mar. 26, 2018
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
14	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
15	wideband radio communication tester	R&S	CMW500	152372	Mar. 26, 2018
16	High pass filter	ZHPF-M1000-4000-1	ZHPF-M3-12.75G-3869	B2015073763	Aug. 04, 2017
17	High pass filter	ZHPF-M3-12.75G-3869	ZHPF-M1000-4000-1	B2015073762	Aug. 04, 2017
18	High pass filter	ZHPF-M6-18G-1727	ZHPF-M6-186-1727	B2015073764	Aug. 04, 2017
19	Cable	emci	LMR-400(30MHz-1G Hz)(8m+5m)	N/A	Jun. 27, 2017
20	Cable	emci	EMC104-SM-SM-12000(12m)	N/A	Jul. 06, 2017
21	Controller	ETS-Lindgren	2090	N/A	N/A
22	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Conducted Emission & Band Edge & Occupied Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Wireless Communication Test SET	Agilent	E5515C	MY48364183	Mar. 26, 2018
2	EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Mar. 26, 2018
3	POWER SPLITTER	Mini-Circuits	ZFRSC-123-S+	331000910-1	Feb. 25, 2018
4	wideband radio communication tester	R&S	CMW500	152372	Mar. 26, 2018
5	Cable	N/A	RG316(0.3m)	N/A	Jul. 06, 2017
6	Cable	N/A	RG316(0.3m)	N/A	Jul. 06, 2017

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Wireless Communication Test SET	Agilent	E5515C	MY48364183	Mar. 26, 2018
2	DC power supply	GW Instek	GPC-3030DN	EK880675	Oct. 13, 2017
3	POWER SPLITTER	Mini-Circuits	ZFRSC-123-S+	331000910-1	Feb. 25, 2018
4	wideband radio communication tester	R&S	CMW500	152372	Mar. 26, 2018
5	Const Temp,& Humidity Chamber	Giant?Force	ITH-225-20-S	IAB0309-001	Sep. 04, 2017
6	Cable	N/A	RG316(0.3m)	N/A	Jul. 06, 2017

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

ATTACHMENT A - OUTPUT POWER

Conducted Power:

GSM850 (Capsensor Off)		Burst Conducted Power (dBm)		
		128CH	190CH	251CH
		824.2MHz	836.6MHz	848.8MHz
GPRS/EDGE (GMSK)	1 Tx Slot	32.37	32.16	32.24
	2 Tx Slot	32.48	32.20	32.25
	3 Tx Slot	31.56	31.30	31.38
	4 Tx Slot	29.99	30.03	30.10
EDGE (8PSK)	1 Tx Slot	28.57	28.57	28.61
	2 Tx Slot	27.25	27.13	27.29
	3 Tx Slot	26.12	25.94	25.92
	4 Tx Slot	24.36	24.38	24.35

Modulation	Band	WCDMA V(Capsensor Off)		
	Tx Channel	4132CH	4182CH	4233CH
	Frequency	826.4MHz	836.4MHz	846.6MHz
BPSK	RMC 12.2K	23.07	23.16	23.09
	RMC 64K	23.04	23.03	23.18
	RMC 144K	23.05	23.22	23.17
	RMC 384K	23.07	23.23	23.18
BPSK	HSDPA Subtest-1	22.13	22.25	22.25
	HSDPA Subtest-2	22.14	22.26	22.20
	HSDPA Subtest-3	21.69	21.71	21.68
	HSDPA Subtest-4	21.66	21.72	21.62
BPSK	HSUPA Subtest-1	21.57	21.52	21.62
	HSUPA Subtest-2	20.86	20.83	20.81
	HSUPA Subtest-3	20.75	20.93	20.62
	HSUPA Subtest-4	21.52	21.44	21.55
	HSUPA Subtest-5	20.96	20.95	21.01
BPSK	DC-HSDPA Subtest-1	22.13	22.25	22.25
	DC-HSDPA Subtest-2	22.14	22.26	22.20
	DC-HSDPA Subtest-3	21.69	21.71	21.68
	DC-HSDPA Subtest-4	21.66	21.72	21.62

LTE Band / BW	Modulation	RB Siset	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	22.92	22.78	23.06
		1	2	23.00	22.88	23.02
		1	5	23.09	22.86	22.94
		3	0	22.98	22.97	22.97
		3	1	23.10	23.02	22.97
		3	3	23.08	23.04	22.94
		6	0	22.03	22.01	21.97
	16QAM	1	0	21.73	21.64	21.97
		1	2	22.02	21.73	21.95
		1	5	22.17	21.64	21.82
		3	0	22.03	21.37	22.16
		3	1	21.95	21.42	22.18
		3	3	21.93	21.72	22.13
		6	0	21.18	20.62	20.98

LTE Band / BW	Modulation	RB Siset	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	23.00	22.90	23.04
		1	7	23.08	23.05	23.20
		1	14	23.14	23.04	22.76
		8	0	22.04	21.88	21.99
		8	3	21.96	22.02	22.03
		8	7	21.91	21.95	21.98
		15	0	21.99	21.95	22.00
	16QAM	1	0	21.73	21.49	21.86
		1	7	22.08	21.72	21.86
		1	14	22.21	21.69	21.61
		8	0	20.78	20.96	20.61
		8	3	20.76	20.95	20.65
		8	7	20.65	21.12	20.86
		15	0	20.85	20.84	20.80

LTE Band / BW	Modulation	RB Siset	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	22.87	22.76	22.97
		1	12	23.09	22.75	23.11
		1	24	22.90	22.57	22.81
		12	0	22.02	21.84	21.93
		12	6	22.00	21.98	22.00
		12	13	22.08	21.95	21.94
		25	0	22.03	21.90	21.89
	16QAM	1	0	21.47	21.51	21.49
		1	12	21.66	21.44	21.61
		1	24	21.28	21.42	21.50
		12	0	21.02	20.89	20.93
		12	6	21.00	20.85	20.99
		12	13	20.98	20.91	20.93
		25	0	21.06	20.82	20.89

LTE Band / BW	Modulation	RB Siset	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	23.02	23.02	23.10
		1	24	23.30	23.12	23.22
		1	49	23.15	22.88	23.01
		25	0	22.11	21.96	21.97
		25	12	22.03	22.01	21.96
		25	25	22.04	21.92	21.81
		50	0	22.12	21.90	21.95
	16QAM	1	0	22.04	22.27	21.85
		1	24	22.38	22.28	21.89
		1	49	22.04	22.37	21.92
		25	0	20.94	21.00	21.07
		25	12	20.95	21.04	20.99
		25	25	20.80	20.96	20.82
		50	0	21.11	20.75	20.92

LTE Band / BW	Modulation	RB Siset	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	22.61	22.72	23.00
		1	2	22.91	22.81	23.08
		1	5	22.73	22.79	23.02
		3	0	22.94	22.90	23.02
		3	1	23.01	23.05	23.15
		3	3	22.83	22.97	23.11
		6	0	21.89	21.92	21.99
	16QAM	1	0	21.55	22.01	21.84
		1	2	21.65	21.62	22.01
		1	5	21.50	21.52	21.97
		3	0	21.56	21.36	22.26
		3	1	21.52	21.40	22.25
		3	3	21.55	21.32	22.26
		6	0	20.59	20.84	20.72

LTE Band / BW	Modulation	RB Siset	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	23.00	23.04	22.95
		1	7	22.96	22.99	22.98
		1	14	22.96	22.90	22.80
		8	0	21.87	22.02	22.08
		8	3	21.85	22.02	22.03
		8	7	21.81	21.95	21.99
		15	0	21.90	22.07	22.00
	16QAM	1	0	21.92	22.19	21.82
		1	7	21.86	22.36	21.92
		1	14	21.94	22.28	21.66
		8	0	20.88	21.18	20.88
		8	3	20.55	21.09	20.83
		8	7	20.45	21.10	20.83
		15	0	20.70	21.00	20.79

LTE Band / BW	Modulation	RB Sizer	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	22.87	22.64	22.95
		1	12	22.89	22.88	22.92
		1	24	22.79	22.47	22.68
		12	0	21.79	21.93	22.09
		12	6	21.80	22.00	22.08
		12	13	21.91	21.96	22.03
		25	0	21.84	21.96	21.97
	16QAM	1	0	21.43	21.59	21.54
		1	12	21.26	21.69	21.42
		1	24	21.06	21.55	21.65
		12	0	20.76	20.71	20.95
		12	6	20.83	20.68	20.90
		12	13	20.95	20.74	20.74
		25	0	21.04	20.76	20.80

LTE Band / BW	Modulation	RB Sizer	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	23.11	22.82	23.11
		1	24	23.34	22.99	23.23
		1	49	23.00	22.84	23.07
		25	0	22.04	22.06	22.09
		25	12	21.92	22.02	22.02
		25	25	21.92	21.94	21.91
		50	0	21.85	22.05	22.03
	16QAM	1	0	22.01	21.83	21.39
		1	24	21.96	21.89	21.94
		1	49	22.01	21.91	21.91
		25	0	20.82	20.98	21.00
		25	12	20.93	21.15	20.99
		25	25	20.88	20.82	20.77
		50	0	20.81	20.88	20.95

LTE Band / BW	Modulation	RB Siset	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	23.27	22.96	23.05
		1	37	23.18	22.92	23.01
		1	74	23.01	22.80	22.79
		36	0	22.05	22.80	21.97
		36	19	22.03	21.97	22.02
		36	39	21.84	21.91	21.97
		75	0	21.88	22.01	21.89
	16QAM	1	0	22.07	22.18	22.68
		1	37	21.90	22.23	22.90
		1	74	21.90	22.28	22.56
		36	0	20.92	21.08	20.88
		36	19	20.72	20.98	20.87
		36	39	20.69	20.85	20.73
		75	0	20.73	20.93	20.76

ERP Power:

GSM850 (Capsensor Off)	ERP Power (dBm)		
	128CH	190CH	251CH
	824.2MHz	836.6MHz	848.8MHz
GSM (CS)	29.72	29.51	29.59
GPRS/EDGE (GMSK)	29.83	29.55	29.60
	28.91	28.65	28.73
	27.34	27.38	27.45
	25.92	25.92	25.96
EDGE (8PSK)	24.60	24.48	24.64
	23.47	23.29	23.27
	21.71	21.73	21.70
	20.13	20.40	20.19

Modulation	Band	WCDMA V(Capsensor Off)		
	Tx Channel	4132CH	4182CH	4233CH
	Rx Channel	4357CH	4407CH	4458CH
	Frequency	826.4MHz	836.4MHz	846.6MHz
BPSK	RMC 12.2K	20.42	20.51	20.44
	RMC 64K	20.39	20.38	20.53
	RMC 144K	20.40	20.57	20.52
	RMC 384K	20.42	20.58	20.53
BPSK	HSDPA Subtest-1	19.48	19.60	19.60
	HSDPA Subtest-2	19.49	19.61	19.55
	HSDPA Subtest-3	19.04	19.06	19.03
	HSDPA Subtest-4	19.01	19.07	18.97
BPSK	HSUPA Subtest-1	18.92	18.87	18.97
	HSUPA Subtest-2	18.21	18.18	18.16
	HSUPA Subtest-3	18.10	18.28	17.97
	HSUPA Subtest-4	18.87	18.79	18.90
	HSUPA Subtest-5	18.31	18.30	18.36
BPSK	DC-HSDPA Subtest-1	19.48	19.60	19.60
	DC-HSDPA Subtest-2	19.49	19.61	19.55
	DC-HSDPA Subtest-3	19.04	19.06	19.03
	DC-HSDPA Subtest-4	19.01	19.07	18.97

LTE Band / BW	Modulation	RB Siset	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	20.27	20.13	20.41
		1	2	20.35	20.23	20.37
		1	5	20.44	20.21	20.29
		3	0	20.33	20.32	20.32
		3	1	20.45	20.37	20.32
		3	3	20.43	20.39	20.29
		6	0	19.38	19.36	19.32
	16QAM	1	0	19.08	18.99	19.32
		1	2	19.37	19.08	19.30
		1	5	19.52	18.99	19.17
		3	0	19.38	18.72	19.51
		3	1	19.30	18.77	19.53
		3	3	19.28	19.07	19.48
		6	0	18.53	17.97	18.33

LTE Band / BW	Modulation	RB Siset	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	20.35	20.25	20.39
		1	7	20.43	20.40	20.55
		1	14	20.49	20.39	20.11
		8	0	19.39	19.23	19.34
		8	3	19.31	19.37	19.38
		8	7	19.26	19.30	19.33
		15	0	19.34	19.30	19.35
	16QAM	1	0	19.08	18.84	19.21
		1	7	19.43	19.07	19.21
		1	14	19.56	19.04	18.96
		8	0	18.13	18.31	17.96
		8	3	18.11	18.30	18.00
		8	7	18.00	18.47	18.21
		15	0	18.20	18.19	18.15

LTE Band / BW	Modulation	RB Sizer	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	20.22	20.11	20.32
		1	12	20.44	20.10	20.46
		1	24	20.25	19.92	20.16
		12	0	19.37	19.19	19.28
		12	6	19.35	19.33	19.35
		12	13	19.43	19.30	19.29
		25	0	19.38	19.25	19.24
	16QAM	1	0	18.82	18.86	18.84
		1	12	19.01	18.79	18.96
		1	24	18.63	18.77	18.85
		12	0	18.37	18.24	18.28
		12	6	18.35	18.20	18.34
		12	13	18.33	18.26	18.28
		25	0	18.41	18.17	18.24

LTE Band / BW	Modulation	RB Sizer	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	20.37	20.37	20.45
		1	24	20.65	20.47	20.57
		1	49	20.50	20.23	20.36
		25	0	19.46	19.31	19.32
		25	12	19.38	19.36	19.31
		25	25	19.39	19.27	19.16
		50	0	19.47	19.25	19.30
	16QAM	1	0	19.39	19.62	19.20
		1	24	19.73	19.63	19.24
		1	49	19.39	19.72	19.27
		25	0	18.29	18.35	18.42
		25	12	18.30	18.39	18.34
		25	25	18.15	18.31	18.17
		50	0	18.46	18.10	18.27

LTE Band / BW	Modulation	RB Siset	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	19.96	20.07	20.35
		1	2	20.26	20.16	20.43
		1	5	20.08	20.14	20.37
		3	0	20.29	20.25	20.37
		3	1	20.36	20.40	20.50
		3	3	20.18	20.32	20.46
		6	0	19.24	19.27	19.34
	16QAM	1	0	18.90	19.36	19.19
		1	2	19.00	18.97	19.36
		1	5	18.85	18.87	19.32
		3	0	18.91	18.71	19.61
		3	1	18.87	18.75	19.60
		3	3	18.90	18.67	19.61
		6	0	17.94	18.19	18.07

LTE Band / BW	Modulation	RB Siset	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	20.35	20.39	20.30
		1	7	20.31	20.34	20.33
		1	14	20.31	20.25	20.15
		8	0	19.22	19.37	19.43
		8	3	19.20	19.37	19.38
		8	7	19.16	19.30	19.34
		15	0	19.25	19.42	19.35
	16QAM	1	0	19.27	19.54	19.17
		1	7	19.21	19.71	19.27
		1	14	19.29	19.63	19.01
		8	0	18.23	18.53	18.23
		8	3	17.90	18.44	18.18
		8	7	17.80	18.45	18.18
		15	0	18.05	18.35	18.14

LTE Band / BW	Modulation	RB Siset	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	20.22	19.99	20.30
		1	12	20.24	20.23	20.27
		1	24	20.14	19.82	20.03
		12	0	19.14	19.28	19.44
		12	6	19.15	19.35	19.43
		12	13	19.26	19.31	19.38
		25	0	19.19	19.31	19.32
	16QAM	1	0	18.78	18.94	18.89
		1	12	18.61	19.04	18.77
		1	24	18.41	18.90	19.00
		12	0	18.11	18.06	18.30
		12	6	18.18	18.03	18.25
		12	13	18.30	18.09	18.09
		25	0	18.39	18.11	18.15

LTE Band / BW	Modulation	RB Siset	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	20.46	20.17	20.46
		1	24	20.69	20.34	20.58
		1	49	20.35	20.19	20.42
		25	0	19.39	19.41	19.44
		25	12	19.27	19.37	19.37
		25	25	19.27	19.29	19.26
		50	0	19.20	19.40	19.38
	16QAM	1	0	19.36	19.18	18.74
		1	24	19.31	19.24	19.29
		1	49	19.36	19.26	19.26
		25	0	18.17	18.33	18.35
		25	12	18.28	18.50	18.34
		25	25	18.23	18.17	18.12
		50	0	18.16	18.23	18.30

LTE Band / BW	Modulation	RB Siset	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	20.62	20.31	20.40
		1	37	20.53	20.27	20.36
		1	74	20.36	20.15	20.14
		36	0	19.40	20.15	19.32
		36	19	19.38	19.32	19.37
		36	39	19.19	19.26	19.32
		75	0	19.23	19.36	19.24
	16QAM	1	0	19.42	19.53	20.03
		1	37	19.25	19.58	20.25
		1	74	19.25	19.63	19.91
		36	0	18.27	18.43	18.23
		36	19	18.07	18.33	18.22
		36	39	18.04	18.20	18.08
		75	0	18.08	18.28	18.11

ATTACHMENT B - OCCUPIED BANDWIDTH

GSM850					
GSM			EDGE		
CS			8PSK		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
128	824.2	0.239	128	824.2	0.246
190	836.6	0.238	190	836.6	0.249
251	848.8	0.239	251	848.8	0.247
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
128	824.2	0.302	128	824.2	0.321
190	836.6	0.301	190	836.6	0.316
251	848.8	0.303	251	848.8	0.305

Spectrum Plot

GSM -128



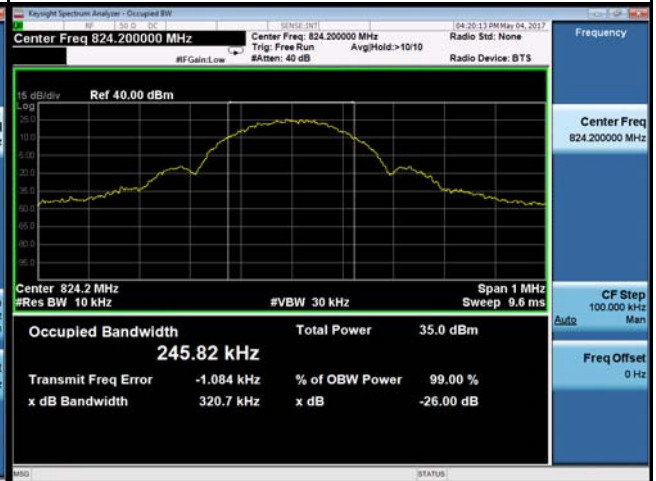
GSM-190



GSM-251



EDGE-128



EDGE-190



EDGE-251

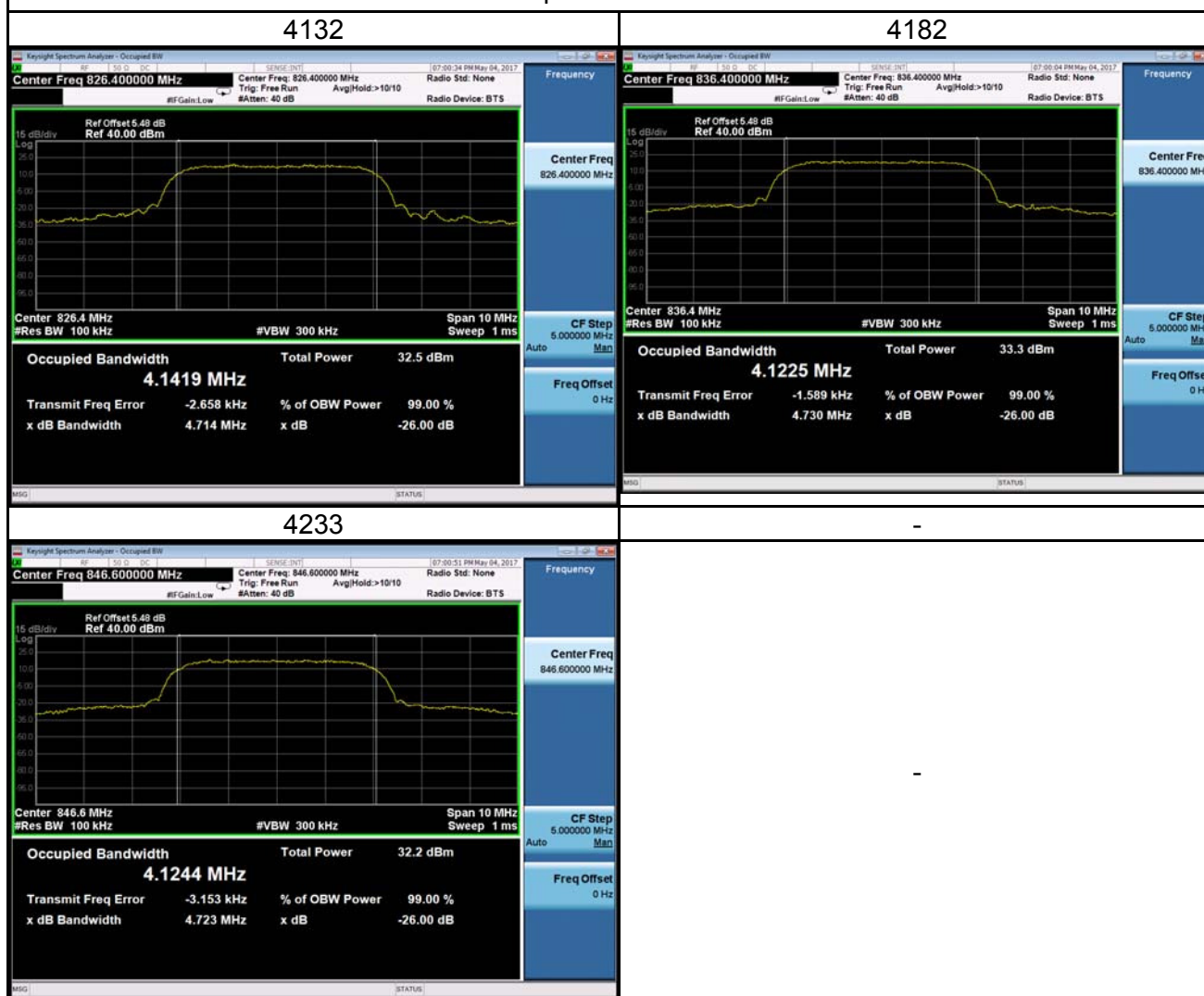


WCDMA Band V

BPSK

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
4132	826.4	4.1419	4132	826.4	4.714
4182	836.4	4.1225	4182	836.4	4.730
4233	846.6	4.1244	4233	846.6	4.723

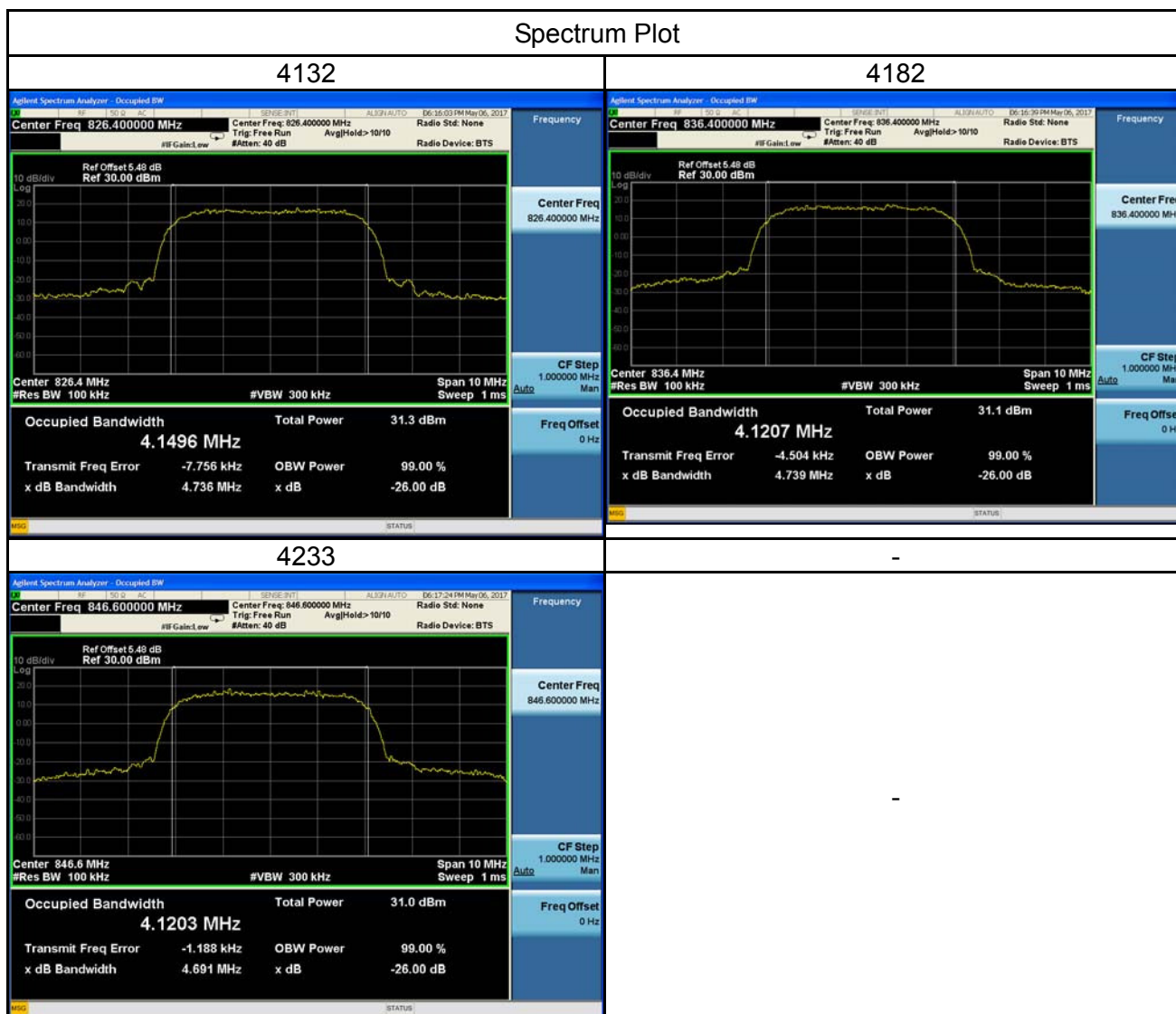
Spectrum Plot



WCDMA_HSDPA Band V					
BPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
4132	826.4	4.1450	4132	826.4	4.726
4182	836.4	4.1189	4182	836.4	4.714
4233	846.6	4.1185	4233	846.6	4.711



WCDMA_HSUPA Band V					
BPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
4132	826.4	4.1496	4132	826.4	4.736
4182	836.4	4.1207	4182	836.4	4.739
4233	846.6	4.1203	4233	846.6	4.691



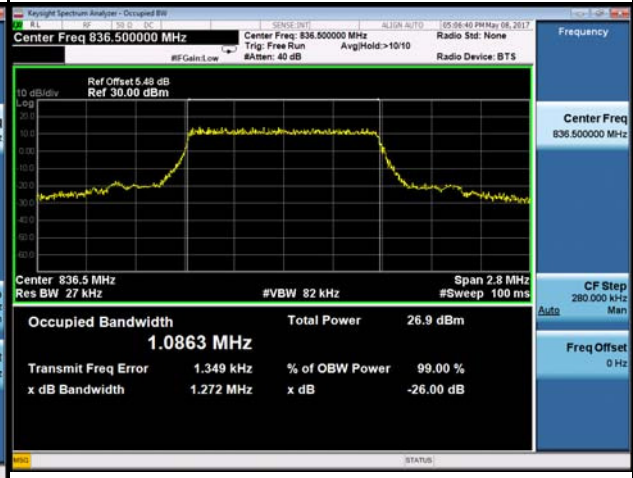
LTE Band 5_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20407	824.7	1.0985	20407	824.7	1.0917
20525	836.5	1.0863	20525	836.5	1.0907
20643	848.3	1.0930	20643	848.3	1.0949
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20407	824.7	1.292	20407	824.7	1.279
20525	836.5	1.272	20525	836.5	1.286
20643	848.3	1.321	20643	848.3	1.301

Spectrum Plot

QPSK-20407



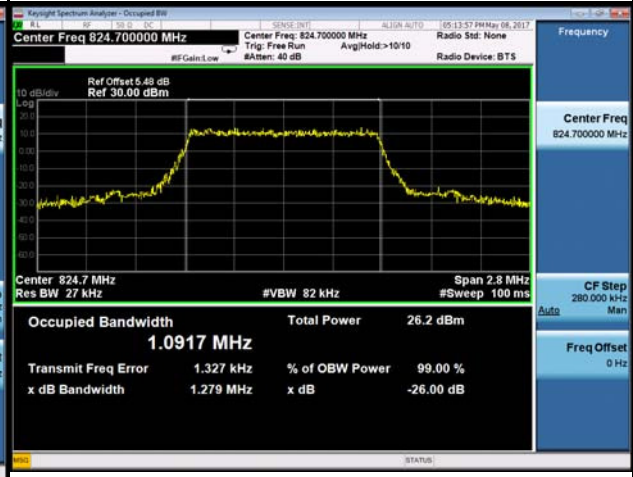
QPSK-20525



QPSK-20643



16QAM-20407



16QAM-20525



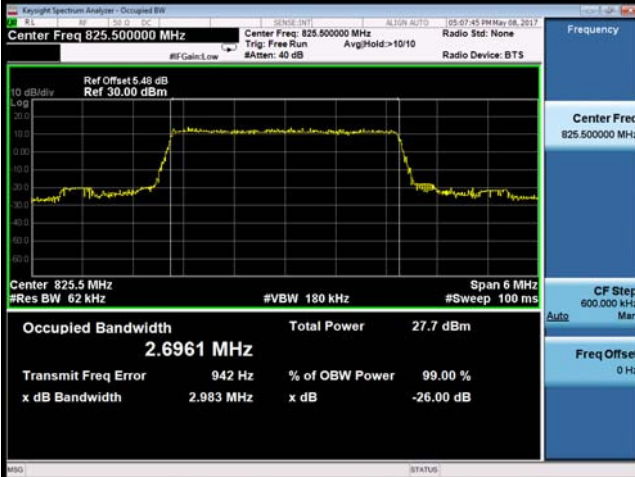
16QAM-20643



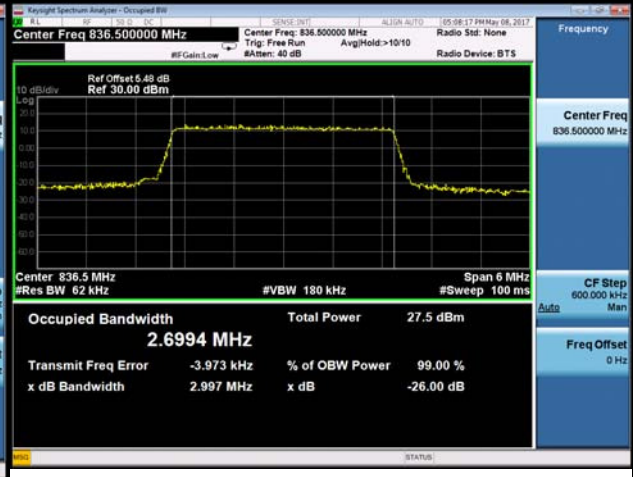
LTE Band 5_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20415	825.5	2.6961	20415	825.5	2.6967
20525	836.5	2.6994	20525	836.5	2.6952
20635	847.5	2.6975	20635	847.5	2.6923
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20415	825.5	2.983	20415	825.5	2.983
20525	836.5	2.997	20525	836.5	2.994
20635	847.5	2.963	20635	847.5	2.971

Spectrum Plot

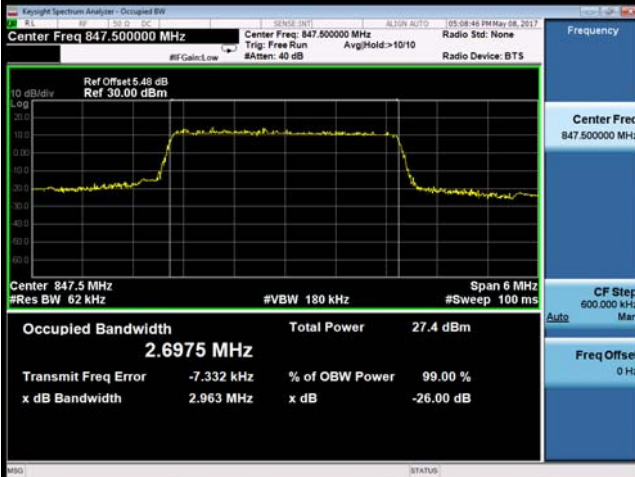
QPSK-20415



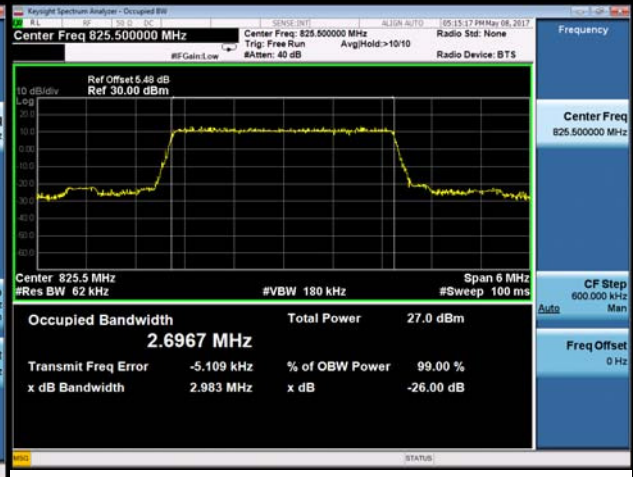
QPSK-20525



QPSK-20635



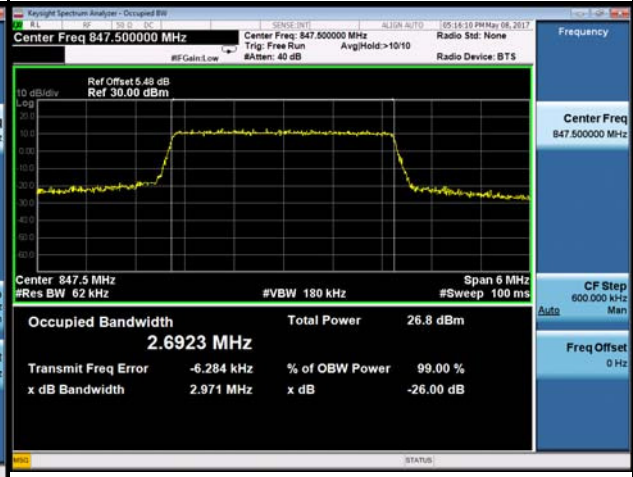
16QAM-20415



16QAM-20525



16QAM-20635



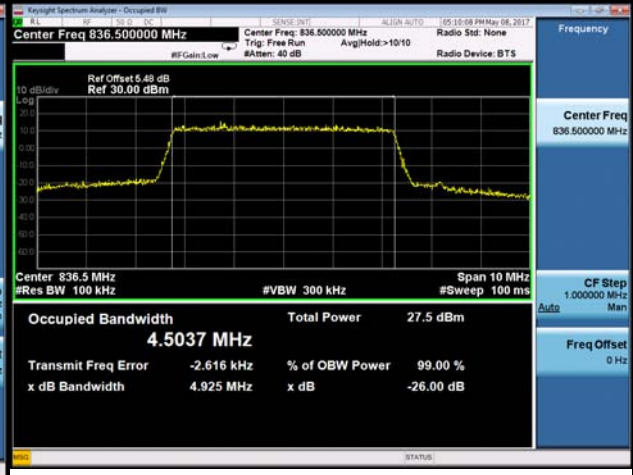
LTE Band 5_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20425	826.5	4.5209	20425	826.5	4.5004
20525	836.5	4.5037	20525	836.5	4.4945
20625	846.5	4.4969	20625	846.5	4.4897
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20425	826.5	5.016	20425	826.5	5.012
20525	836.5	4.925	20525	836.5	4.953
20625	846.5	4.957	20625	846.5	4.960

Spectrum Plot

QPSK-20425



QPSK-20525



QPSK-20625



16QAM-20425



16QAM-20525



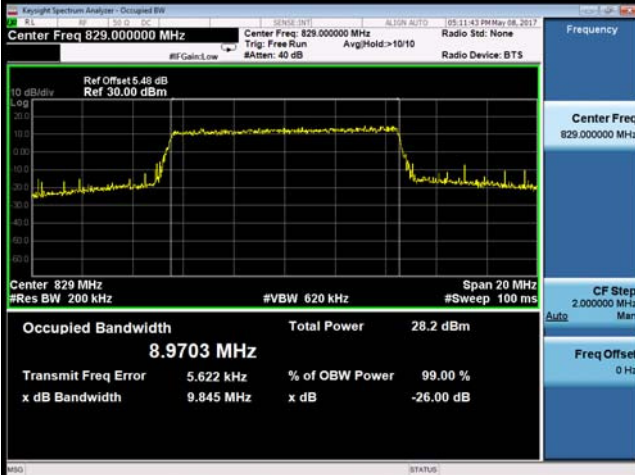
16QAM-20625



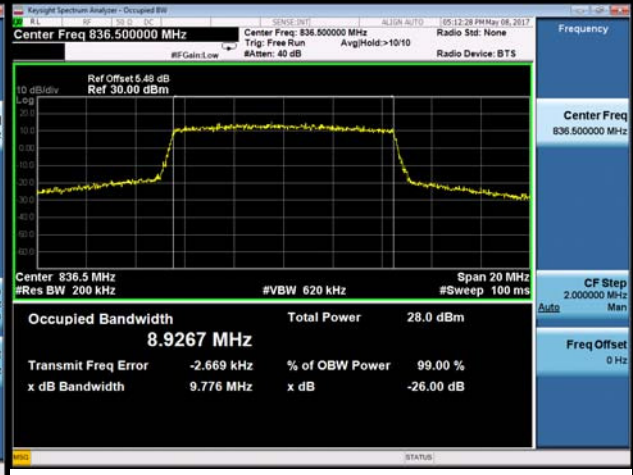
LTE Band 5_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20450	829.0	8.9703	20450	829.0	8.9627
20525	836.5	8.9267	20525	836.5	8.9163
20600	844.0	8.9752	20600	844.0	8.9666
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20450	829.0	9.845	20450	829.0	9.911
20525	836.5	9.776	20525	836.5	9.816
20600	844.0	9.874	20600	844.0	9.819

Spectrum Plot

QPSK-20450



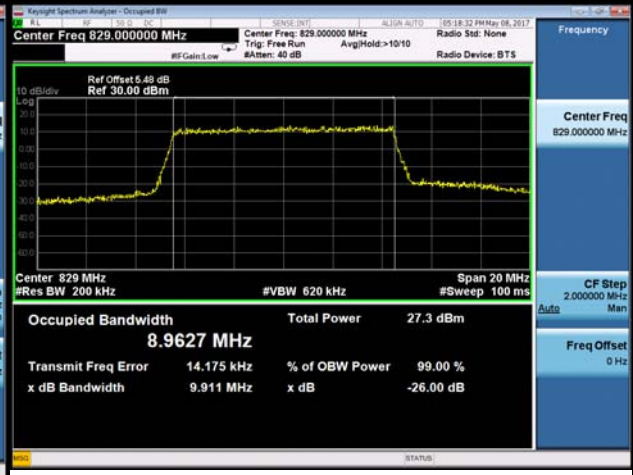
QPSK-20525



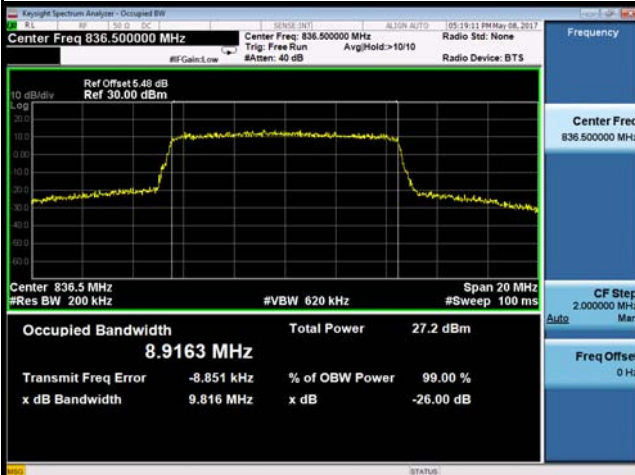
QPSK-20600



16QAM-20450



16QAM-20525



16QAM-20600



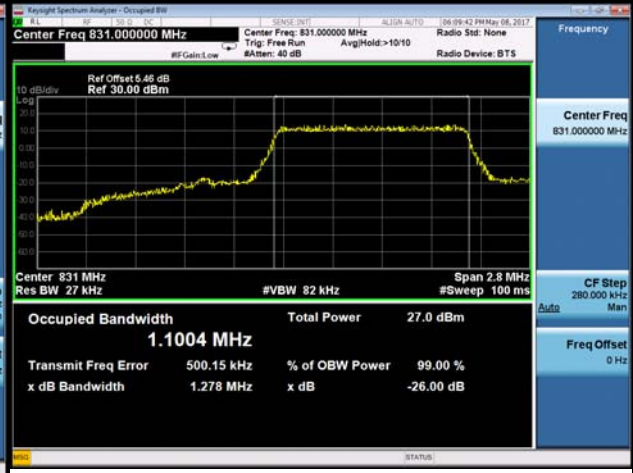
LTE Band 26_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26797	814.7	1.0890	26797	814.7	1.0992
26915	831	1.1004	26915	831	1.0894
27033	848.3	1.0863	27033	848.3	1.0950
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26797	814.7	1.269	26797	814.7	1.305
26915	831	1.278	26915	831	1.299
27033	848.3	1.289	27033	848.3	1.300

Spectrum Plot

QPSK-26797



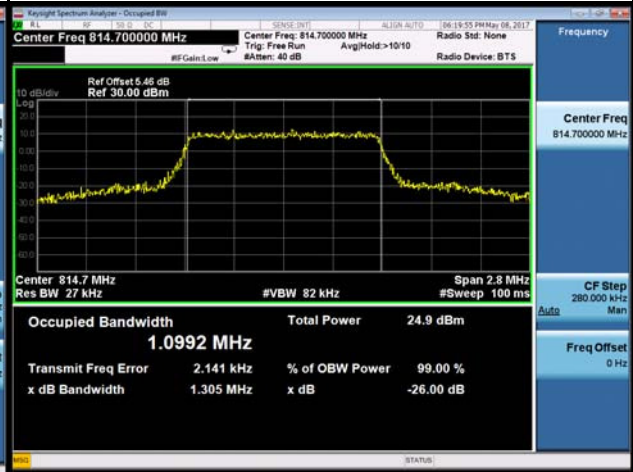
QPSK-26915



QPSK-27033



16QAM-26797



16QAM-26915



16QAM-27033



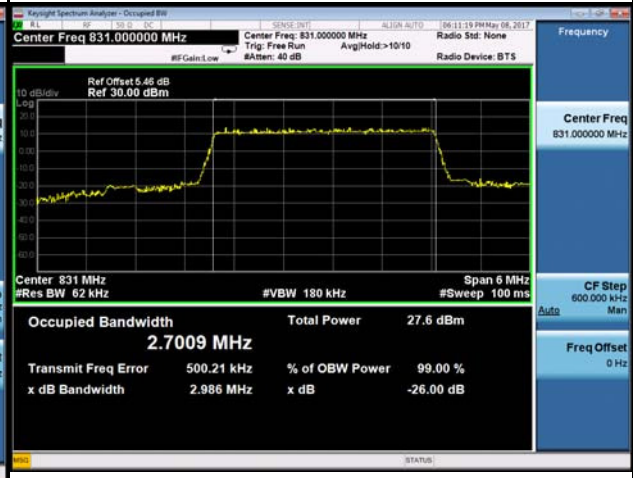
LTE Band 26_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26805	815.5	2.6989	26805	815.5	2.7048
26915	831	2.7009	26915	831	2.7056
27025	847.5	2.6952	27025	847.5	2.6962
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26805	815.5	2.979	26805	815.5	2.992
26915	831	2.986	26915	831	3.011
27025	847.5	2.997	27025	847.5	2.965

Spectrum Plot

QPSK-26805



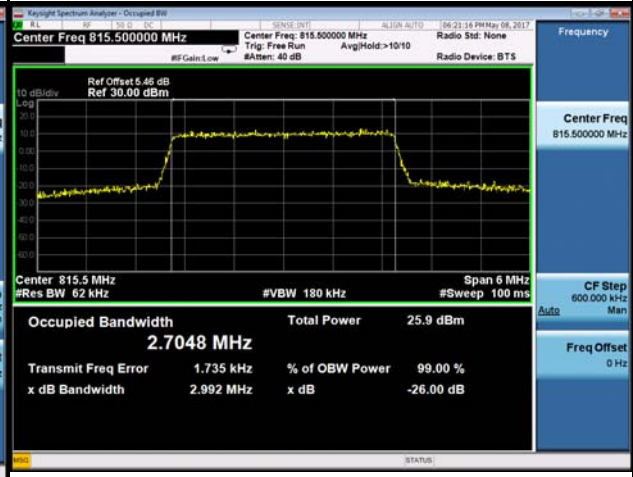
QPSK-26915



QPSK-27025



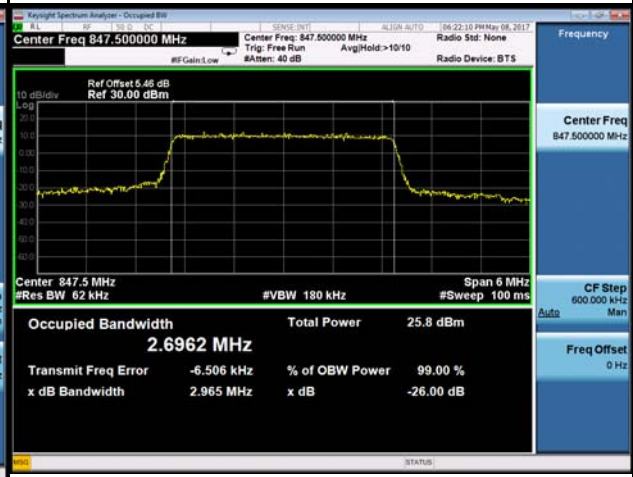
16QAM-26805



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	4.5000	26815	816.5	4.4926
26915	831	4.5057	26915	831	4.5111
27015	846.5	4.4974	27015	846.5	4.4981
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26815	816.5	4.947	26815	816.5	4.962
26915	831	5.009	26915	831	4.976
27015	846.5	4.981	27015	846.5	4.926

Spectrum Plot

QPSK-26815



QPSK-26915



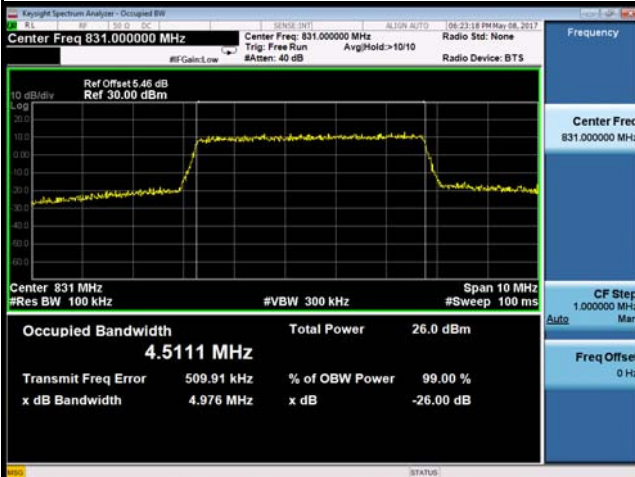
QPSK-20715



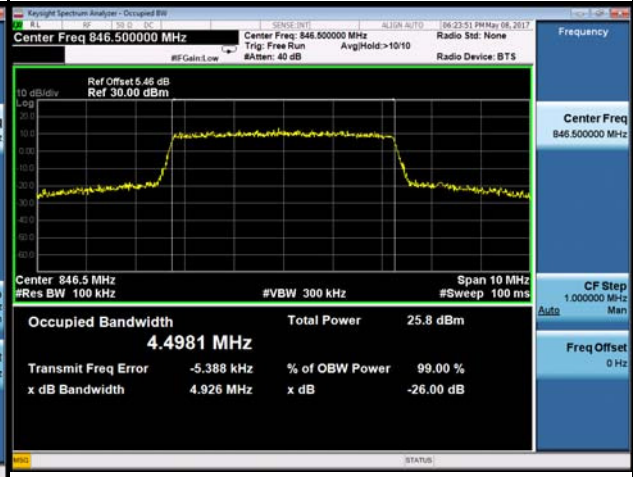
16QAM-26815



16QAM-26915



16QAM-20715



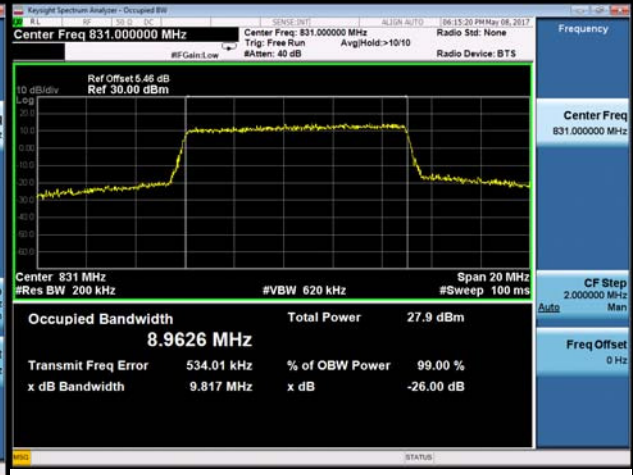
LTE Band 26_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
26840	819	8.9315	26840	819	8.9130
26915	831	8.9626	26915	831	8.9589
26990	844	8.9748	26990	844	8.9760
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26840	819	9.870	26840	819	9.842
26915	831	9.817	26915	831	9.752
26990	844	9.866	26990	844	9.896

Spectrum Plot

QPSK-26840



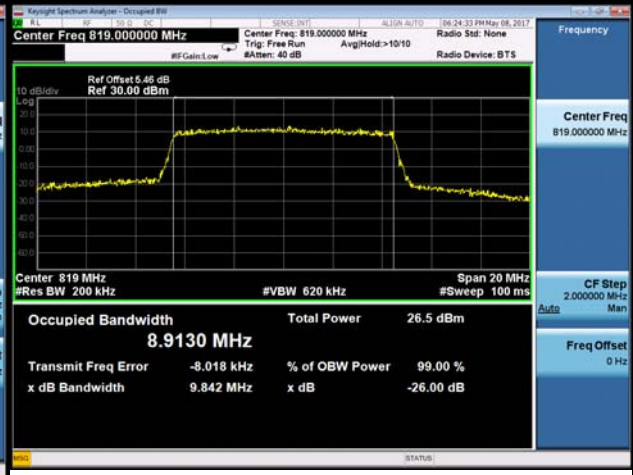
QPSK-26915



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	13.417	26865	821.5	13.400
26915	831	13.428	26915	831	13.419
26965	841.5	13.470	26965	841.5	13.454
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	821.5	14.53	26865	821.5	14.55
26915	831	14.60	26915	831	14.68
26965	841.5	14.63	26965	841.5	14.80

Spectrum Plot

QPSK-26865



QPSK-26915



QPSK-26965



16QAM-26865



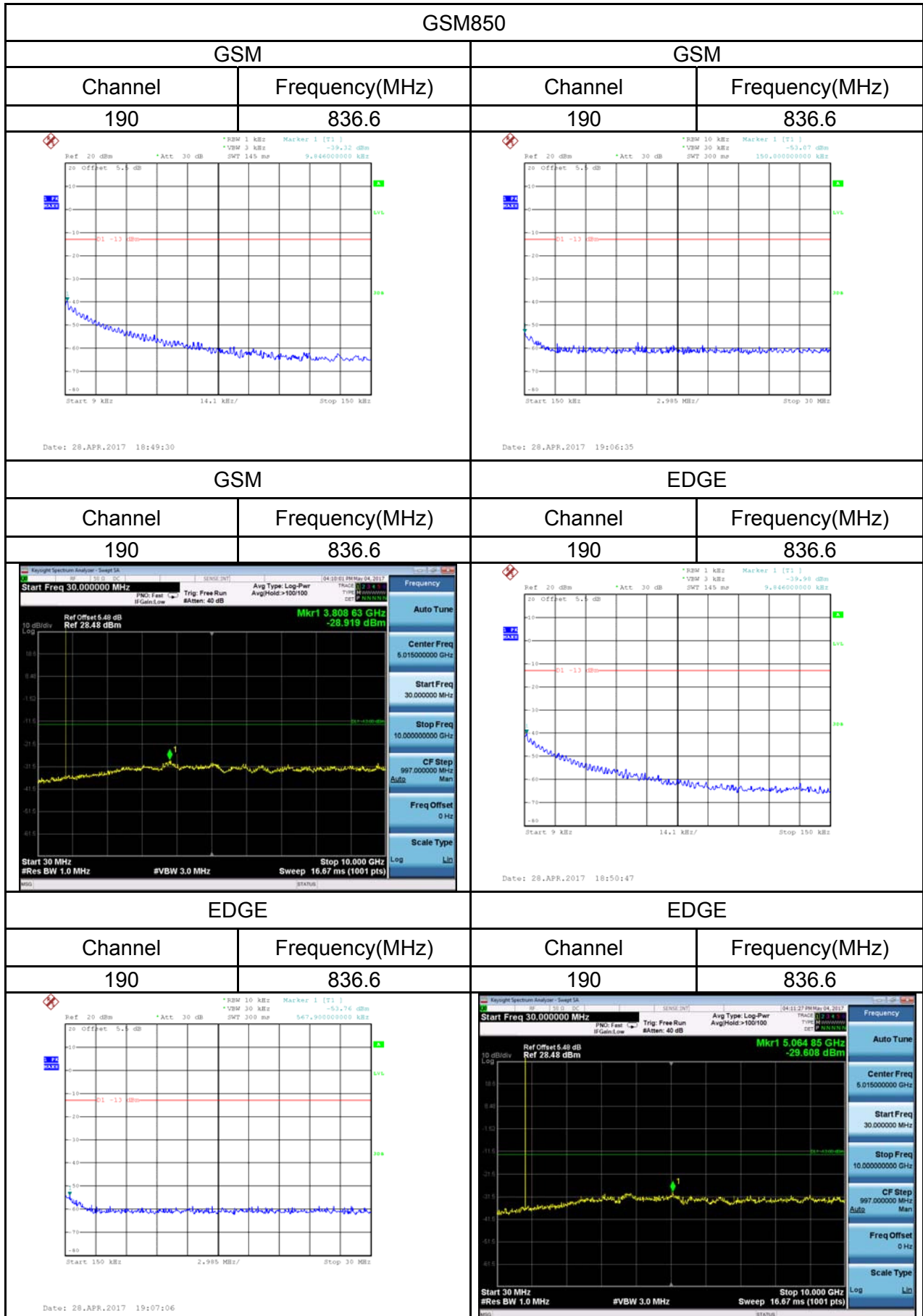
16QAM-26915

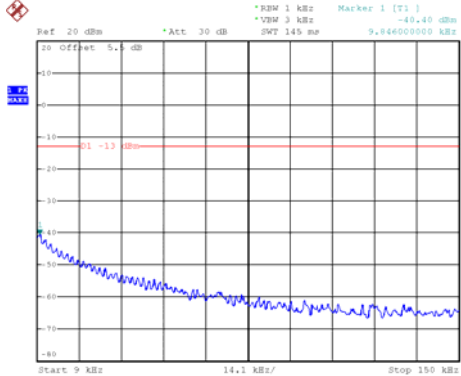
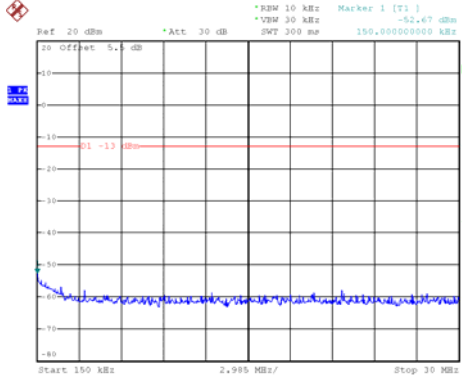


16QAM-26965

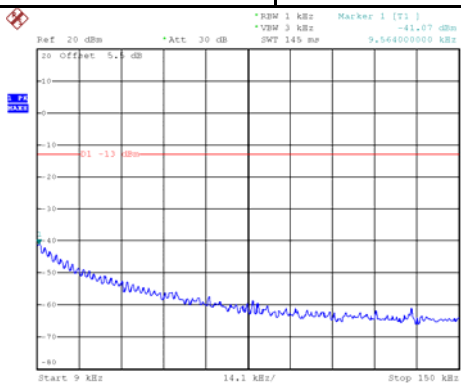
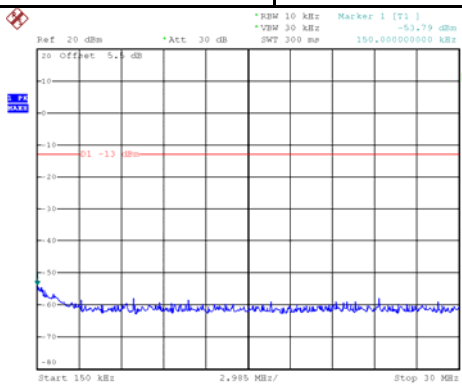


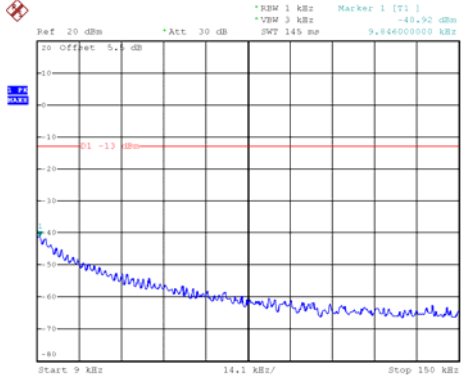
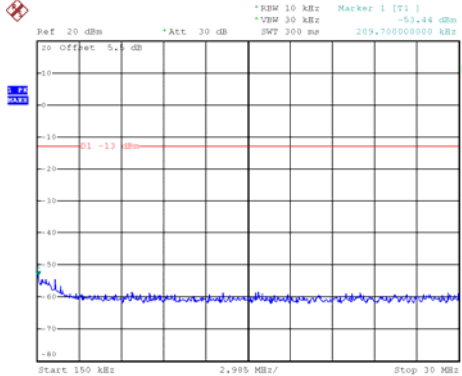
ATTACHMENT C - CONDUCTED EMISSIONS

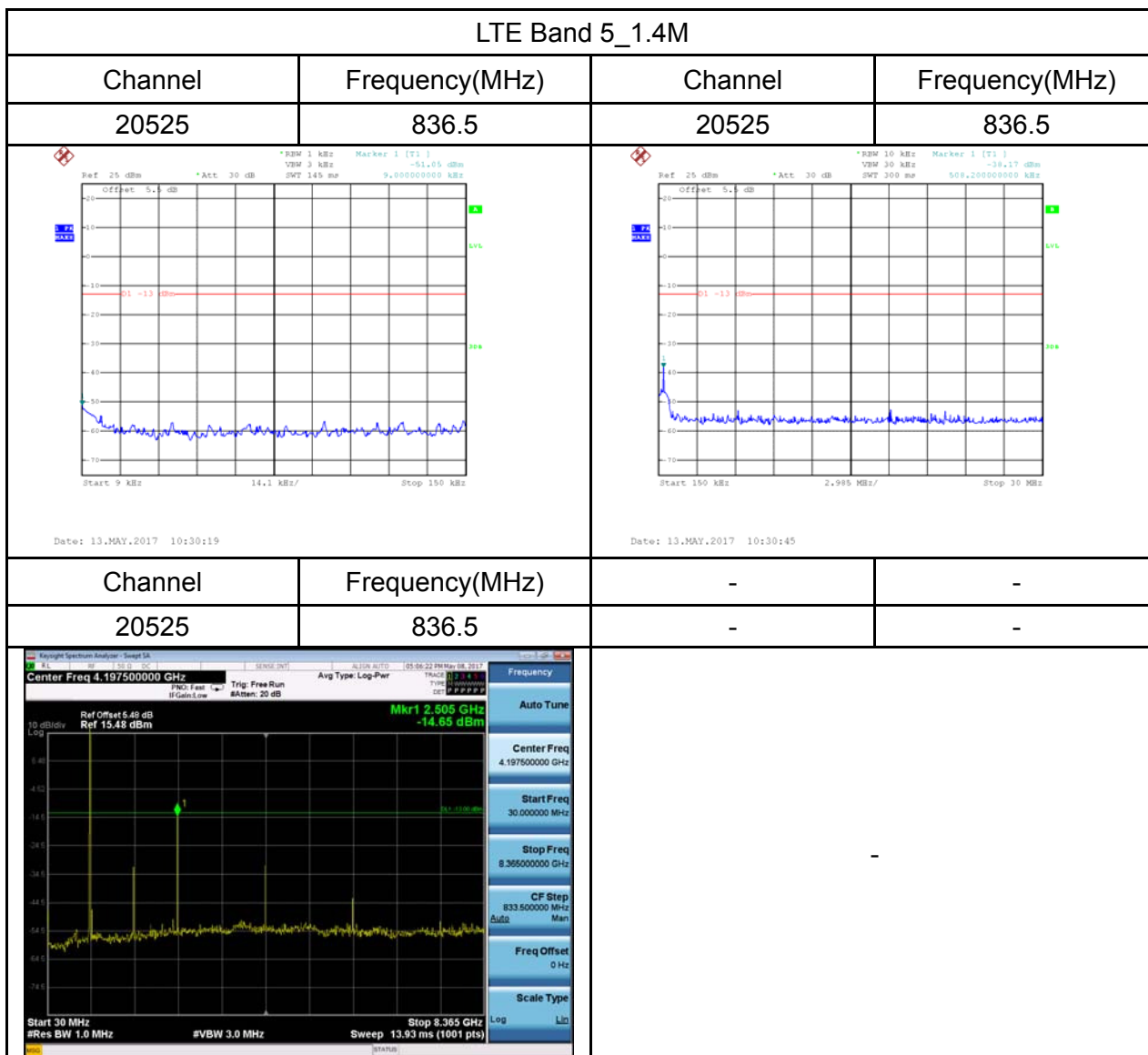


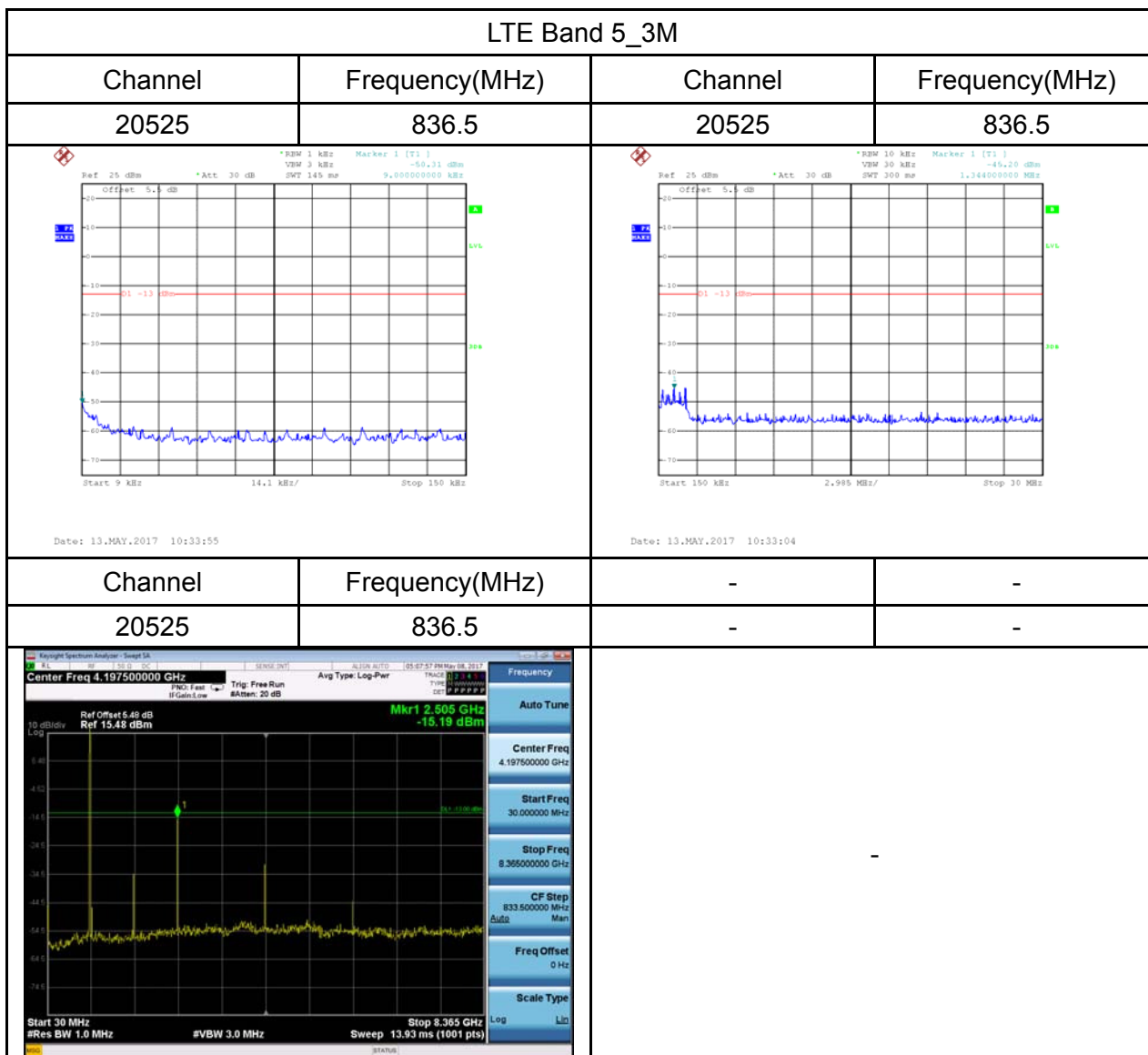
WCDMA Band V			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
4182	836.4	4182	836.4
 Date: 28.APR.2017 18:52:52		 Date: 28.APR.2017 19:08:35	
Channel	Frequency(MHz)	-	-
4182	836.4	-	-
			

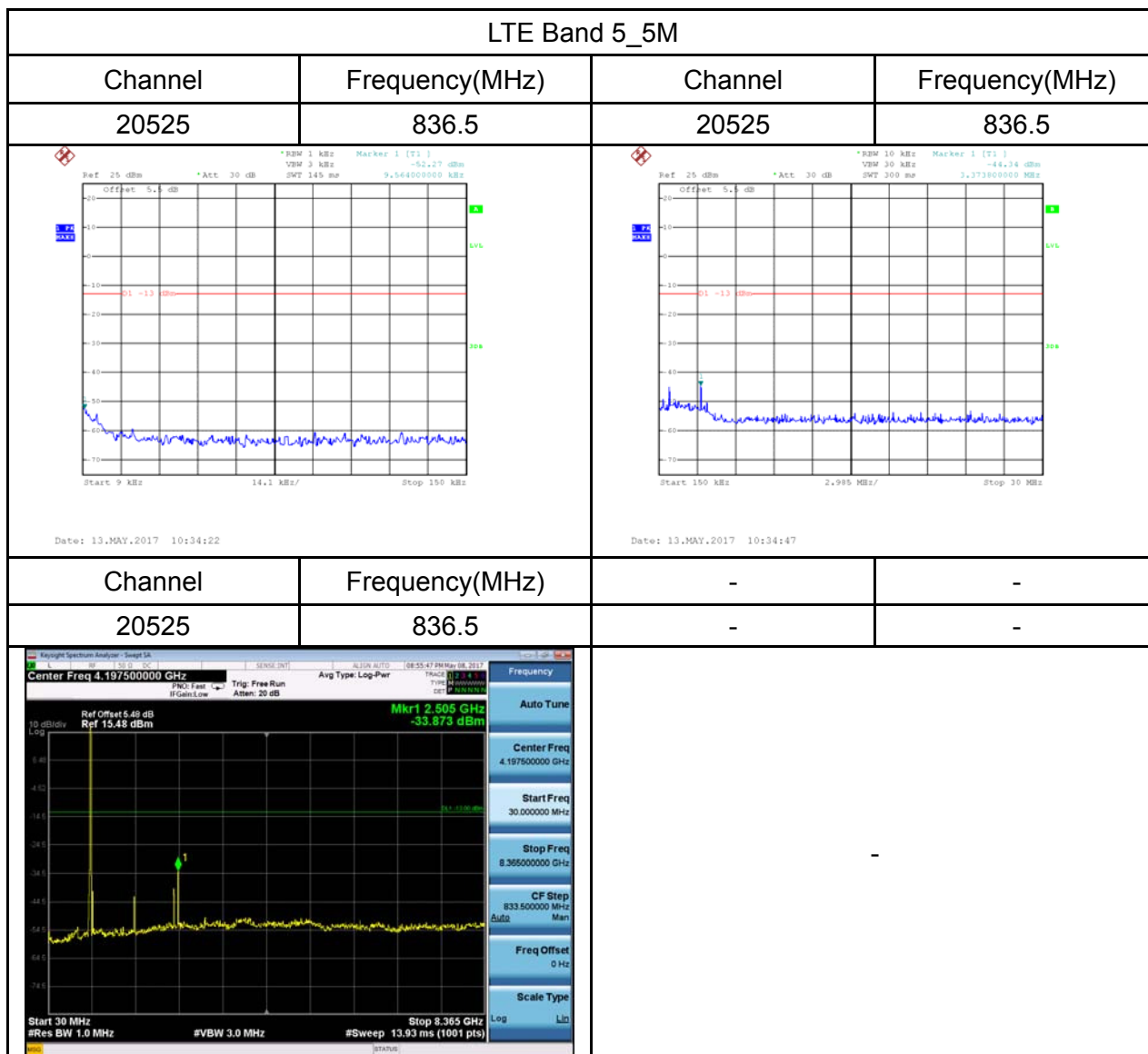
WCDMA_HSDPA Band V

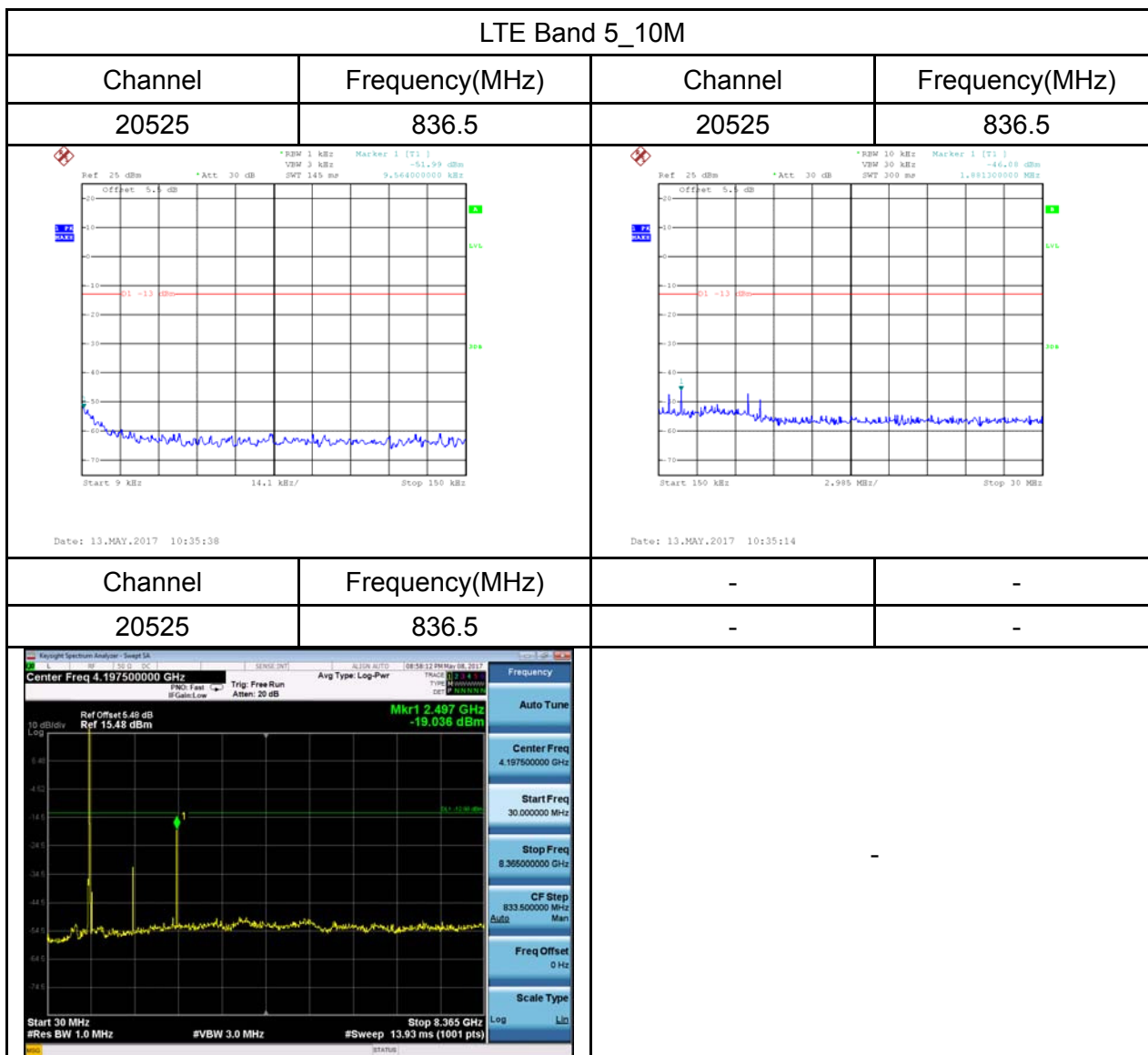
Channel	Frequency(MHz)	Channel	Frequency(MHz)
4182	836.4	4182	836.4
 Date: 28.APR.2017 18:51:34		 Date: 28.APR.2017 19:07:30	
Channel	Frequency(MHz)	-	-
4182	836.4	-	-
 Start Freq 30.000000 MHz Stop Freq 10.00000000 GHz Center Freq 5.015000000 GHz Start Freq 30.000000 MHz Stop Freq 10.00000000 GHz CF Step 997.000000 MHz Freq Offset 0 Hz Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 16.7 ms (1001 pts)			

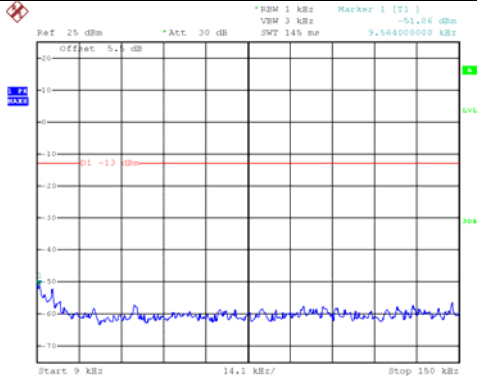
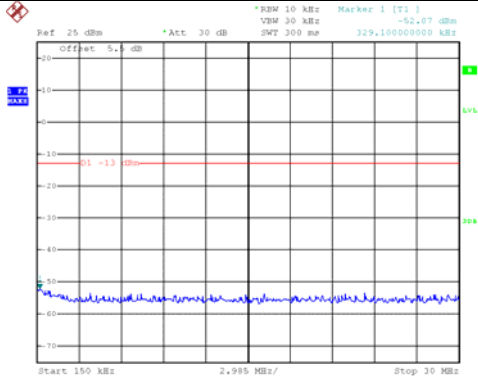
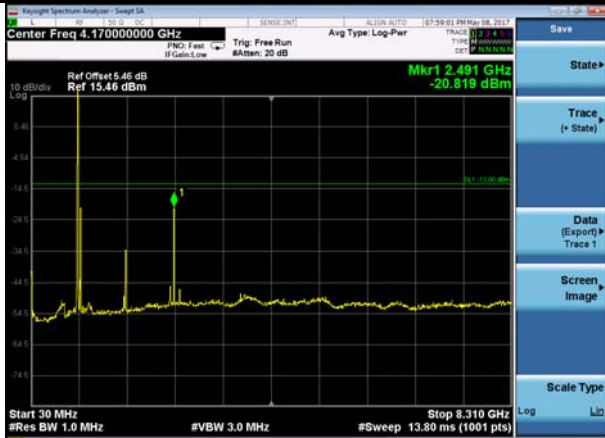
WCDMA_HSUPA Band V			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
4182	836.4	4182	836.4
 Date: 28.APR.2017 18:52:06		 Date: 28.APR.2017 19:08:15	
Channel	Frequency(MHz)	-	-
4182	836.4	-	-
			



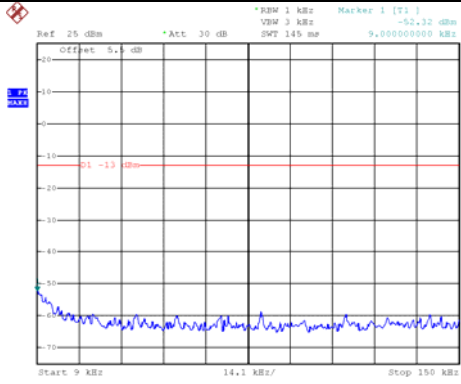
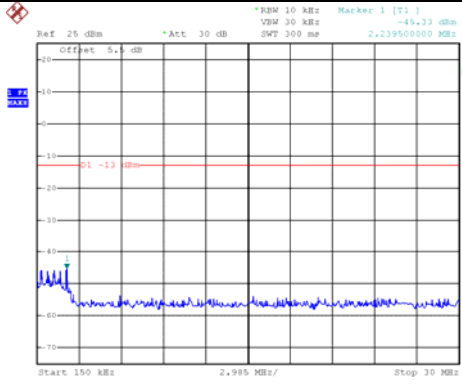
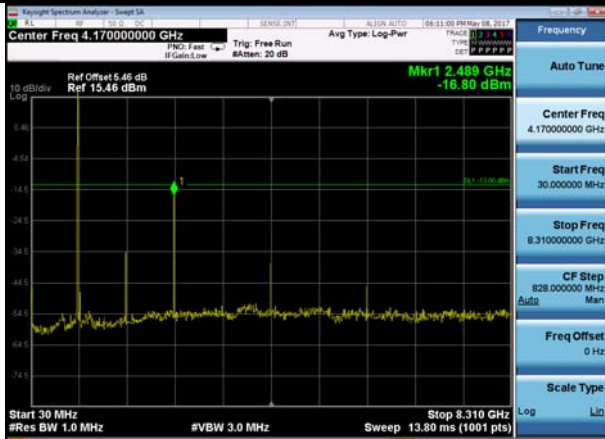


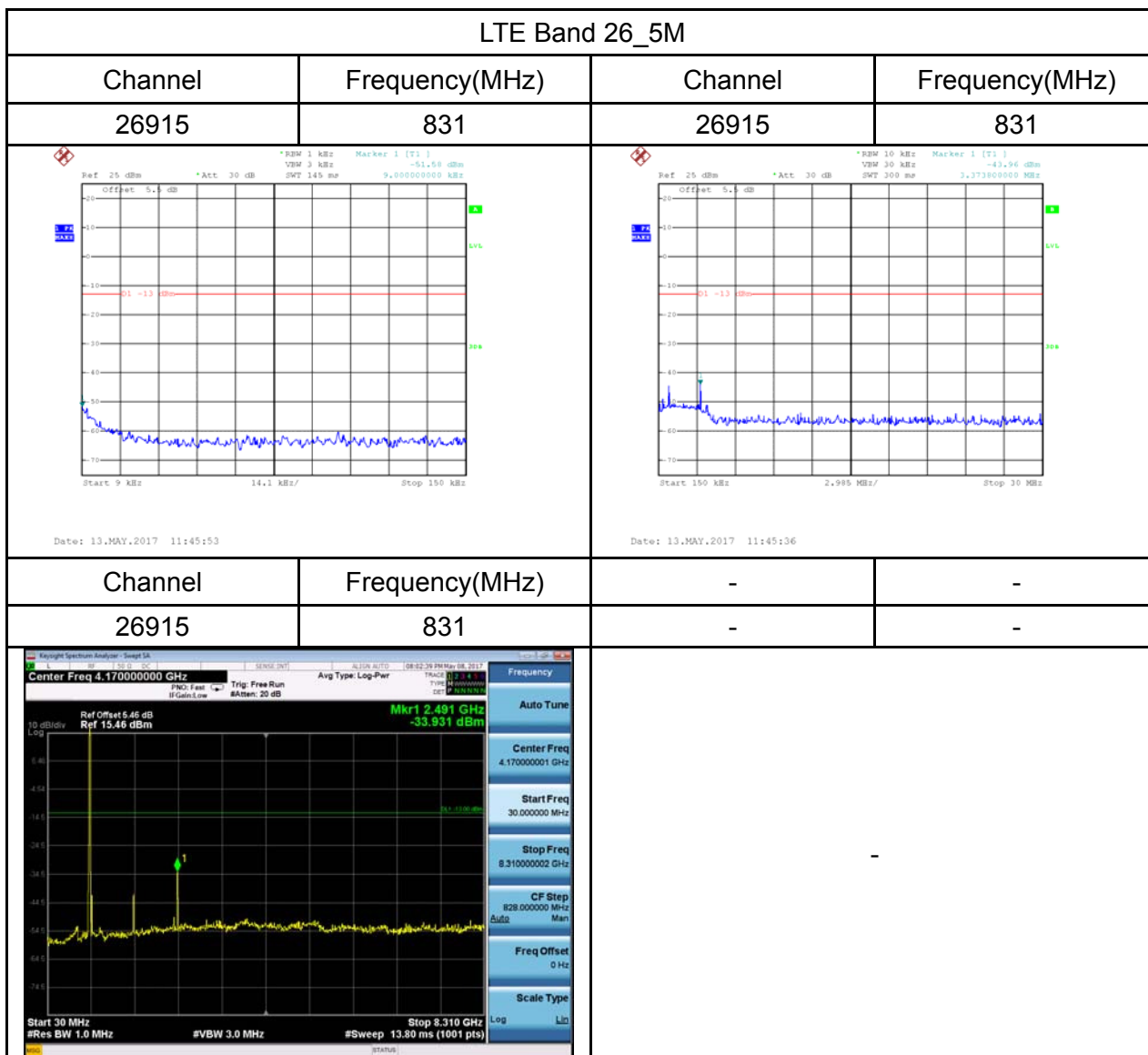




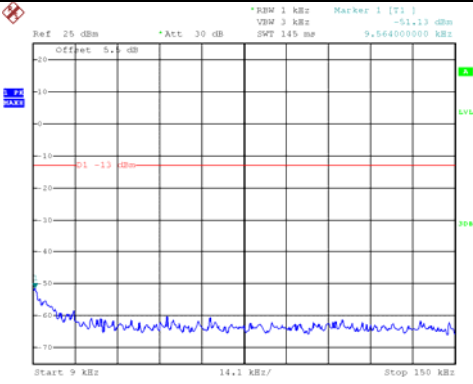
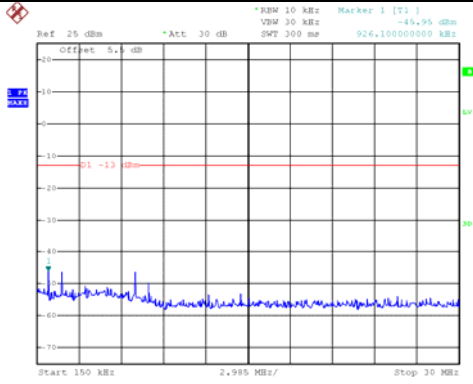
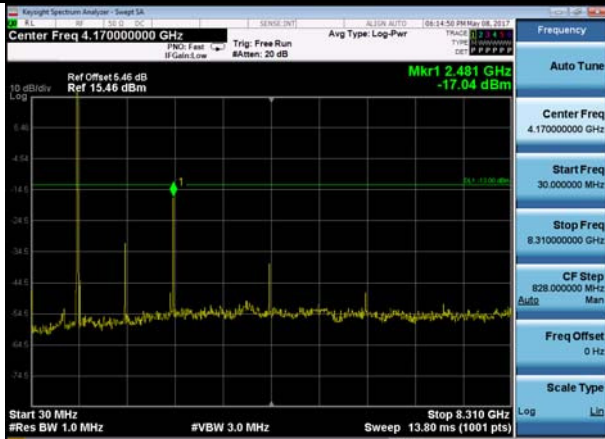
LTE Band 26_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
			
Channel	Frequency(MHz)	-	-
26915	831	-	-
			

LTE Band 26_3M

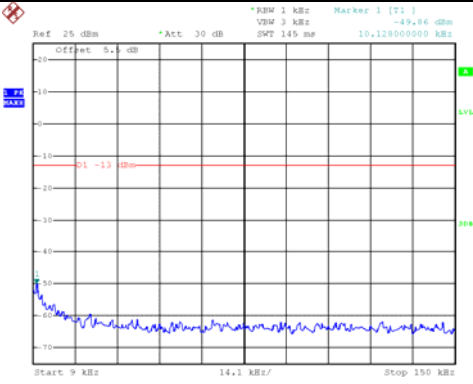
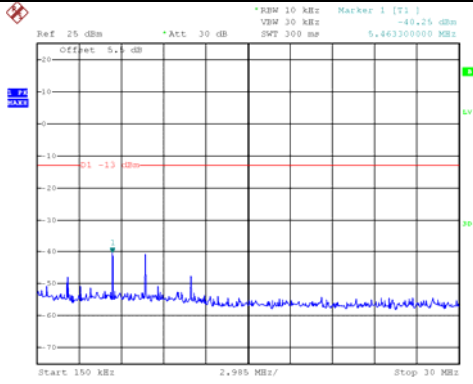
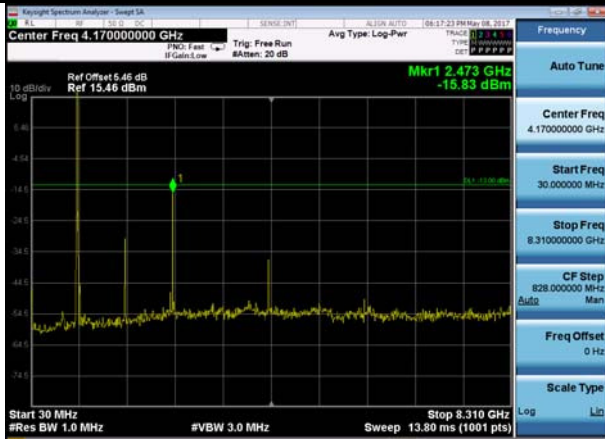
Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	831	26915	831
 Date: 13.MAY.2017 11:46:20		 Date: 13.MAY.2017 11:46:40	
Channel	Frequency(MHz)	-	-
26915	831	-	-
			



LTE Band 26_10M

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

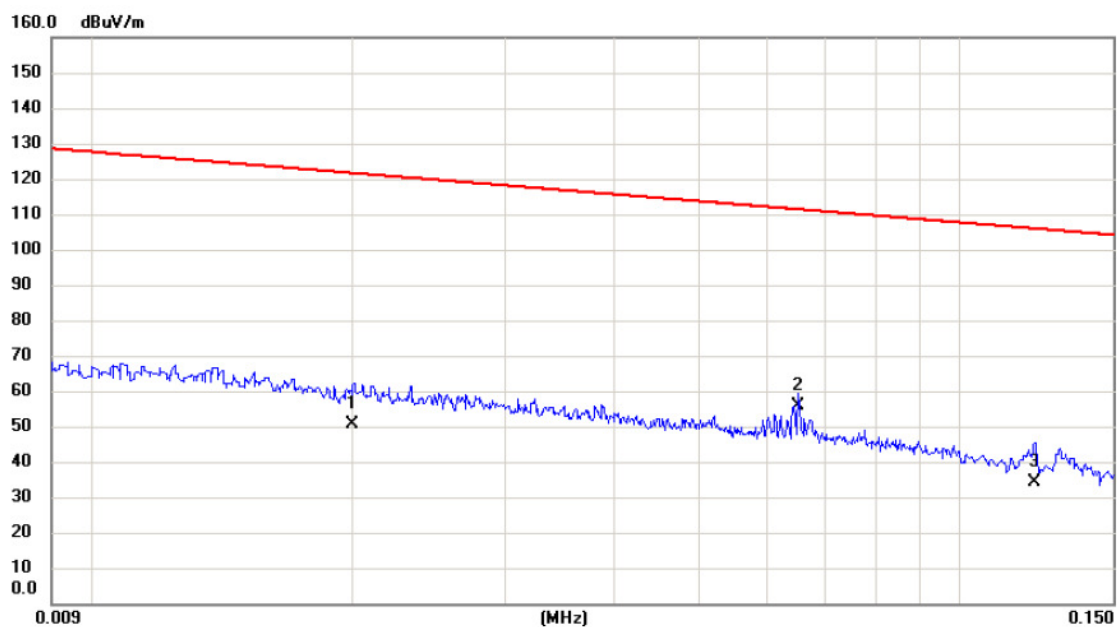
LTE Band 26_15M

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

ATTACHMENT D - RADIATED EMISSION

Test Mode: TX Mode (Adapter: PHITEK)

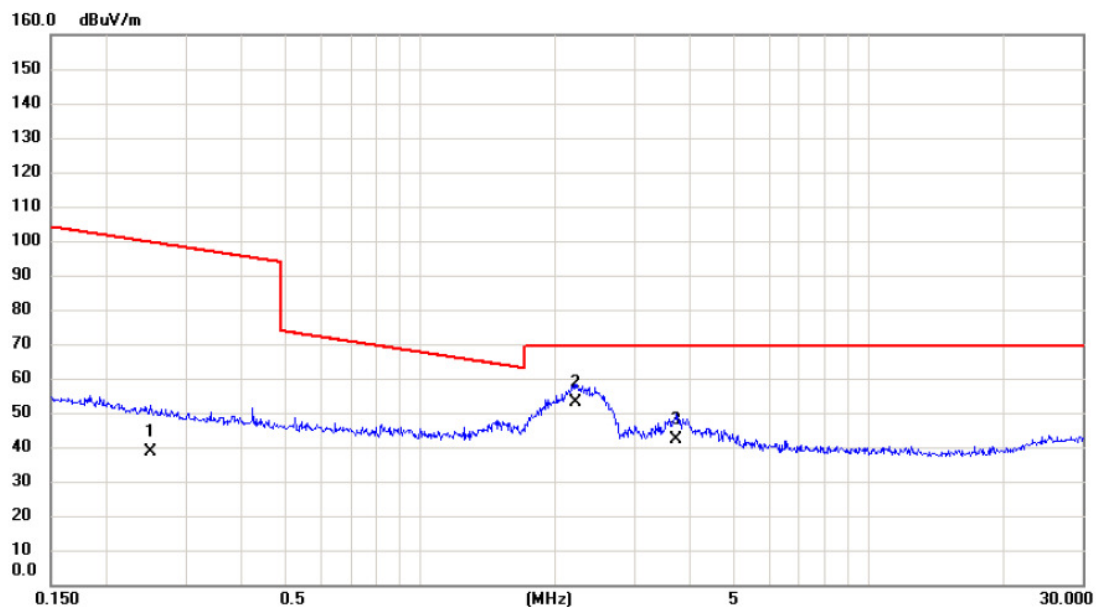
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0200	30.80	19.62	50.42	121.58	-71.16	AVG	
2	*	0.0652	37.30	18.43	55.73	111.32	-55.59	AVG	
3		0.1218	16.80	17.32	34.12	105.89	-71.77	AVG	

Test Mode: TX Mode (Adapter: PHITEK)

Ant 0°

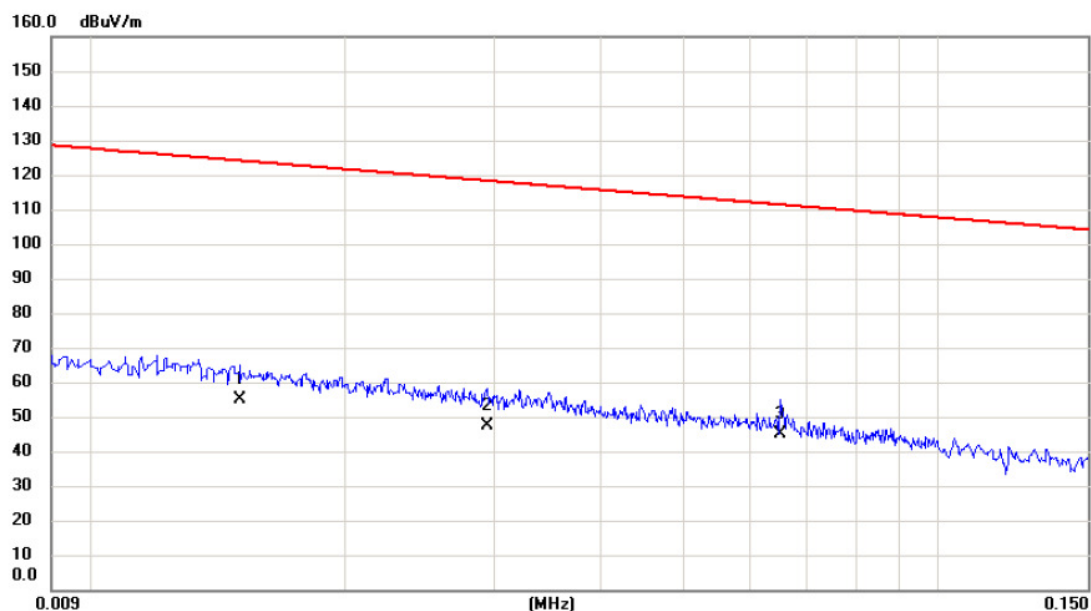


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2508	22.10	16.65	38.75	99.62	-60.87	AVG	
2	*	2.2250	37.70	15.44	53.14	69.54	-16.40	QP	
3		3.7198	27.30	15.03	42.33	69.54	-27.21	QP	

Test Mode:

TX Mode (Adapter: PHITEK)

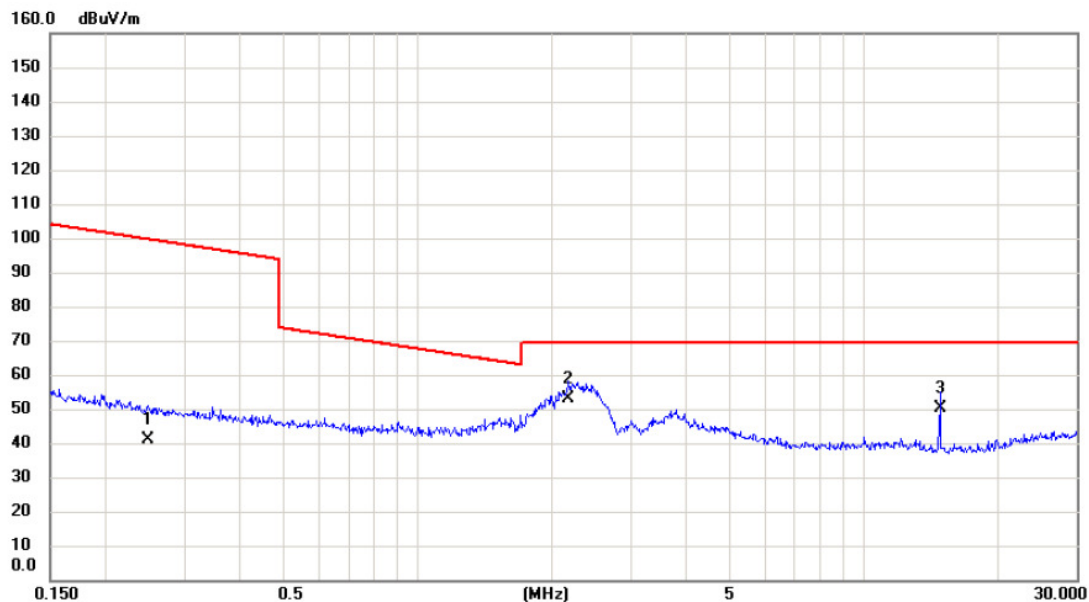
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0150	34.65	20.27	54.92	124.08	-69.16	AVG	
2		0.0294	28.03	19.34	47.37	118.24	-70.87	AVG	
3	*	0.0652	26.77	18.43	45.20	111.32	-66.12	AVG	

Test Mode: TX Mode (Adapter: PHITEK)

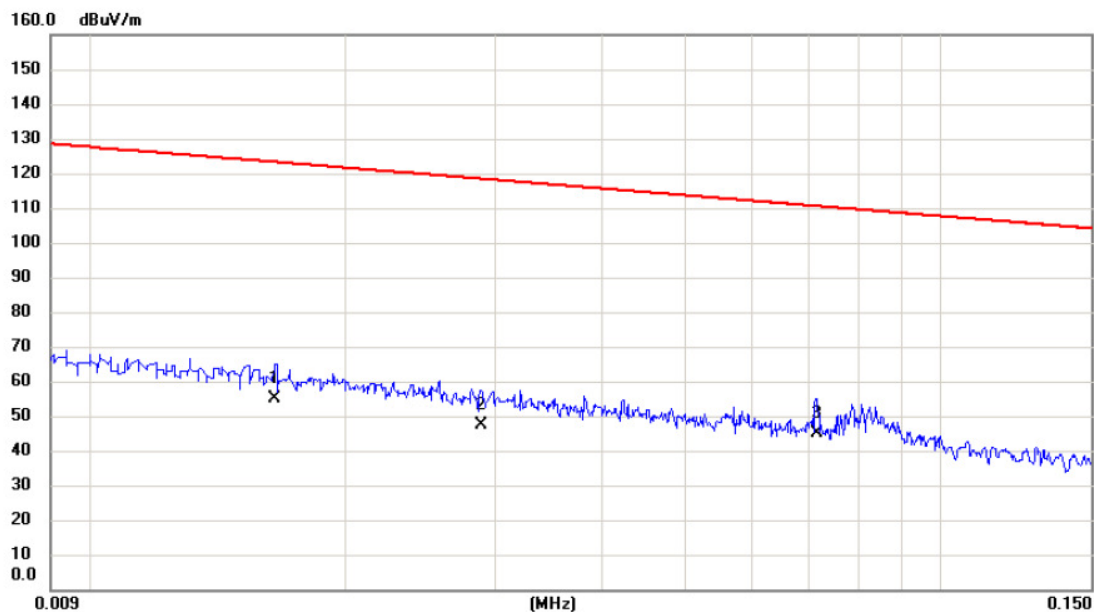
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2481	24.36	16.66	41.02	99.71	-58.69	AVG	
2	*	2.1783	37.73	15.46	53.19	69.54	-16.35	QP	
3		14.8281	36.10	14.08	50.18	69.54	-19.36	QP	

Test Mode: TX Mode (Adapter: HUNTKEY)

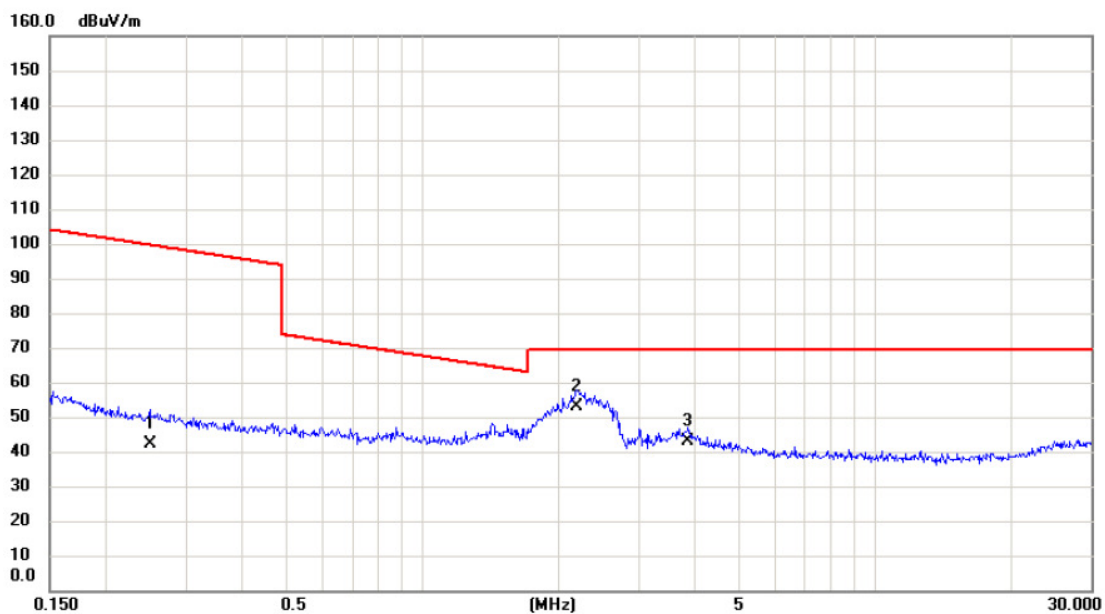
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0165	35.03	20.07	55.10	123.26	-68.16	AVG	
2		0.0288	27.98	19.36	47.34	118.42	-71.08	AVG	
3	*	0.0716	26.83	18.30	45.13	110.51	-65.38	AVG	

Test Mode: TX Mode (Adapter: HUNTKEY)

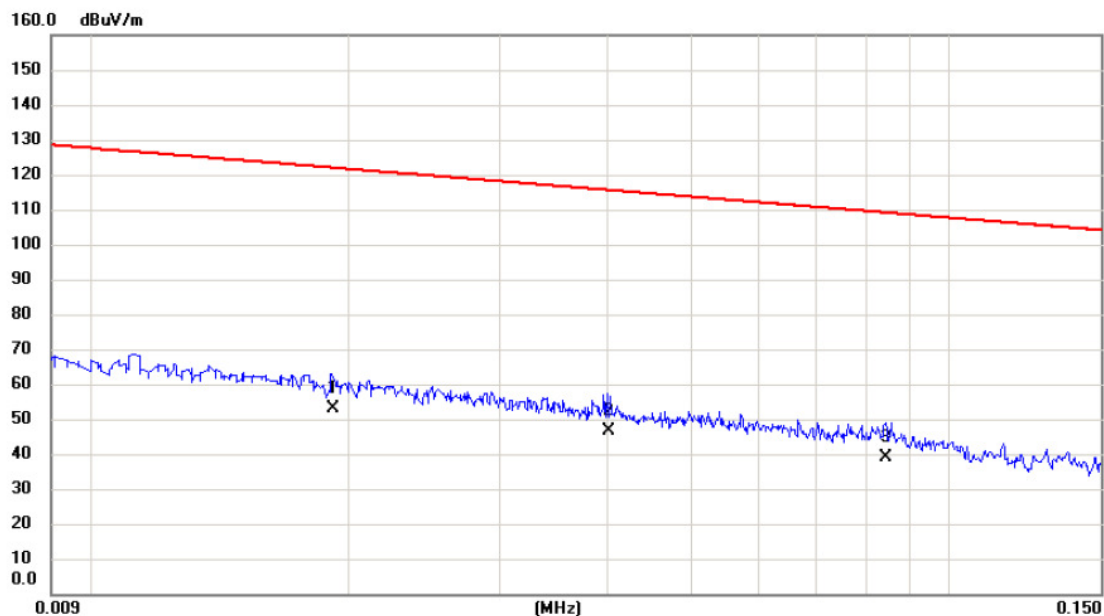
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2508	25.48	16.65	42.13	99.62	-57.49	AVG	
2	*	2.1898	37.36	15.45	52.81	69.54	-16.73	QP	
3		3.8603	27.87	14.99	42.86	69.54	-26.68	QP	

Test Mode: TX Mode (Adapter: HUNTKEY)

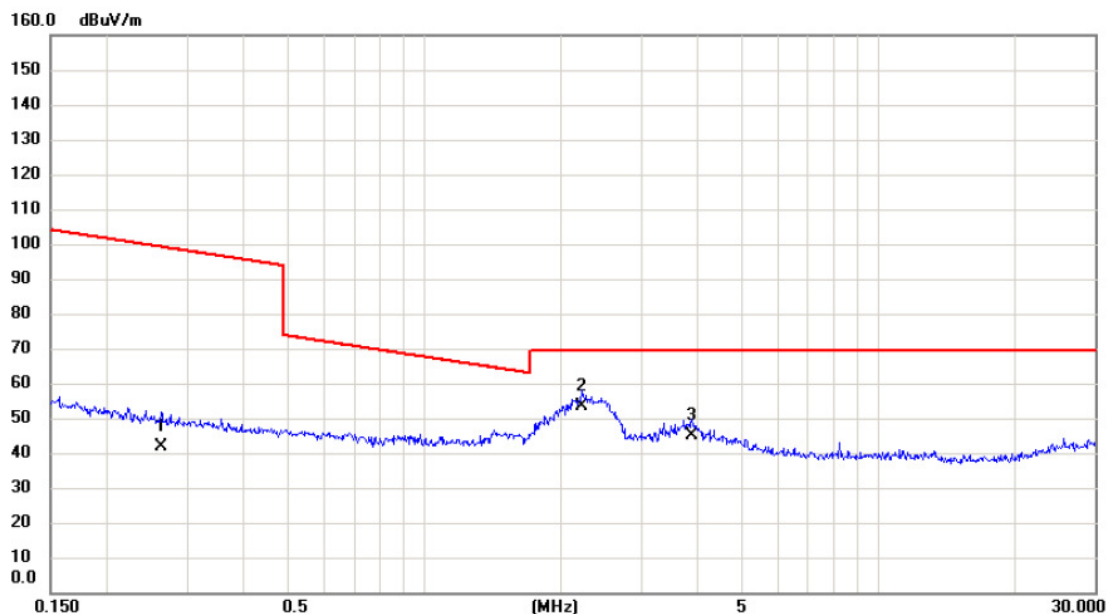
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0192	33.41	19.72	53.13	121.94	-68.81	AVG	
2		0.0401	27.41	19.02	46.43	115.54	-69.11	AVG	
3		0.0844	21.18	18.00	39.18	109.08	-69.90	AVG	

Test Mode: TX Mode (Adapter: HUNTKEY)

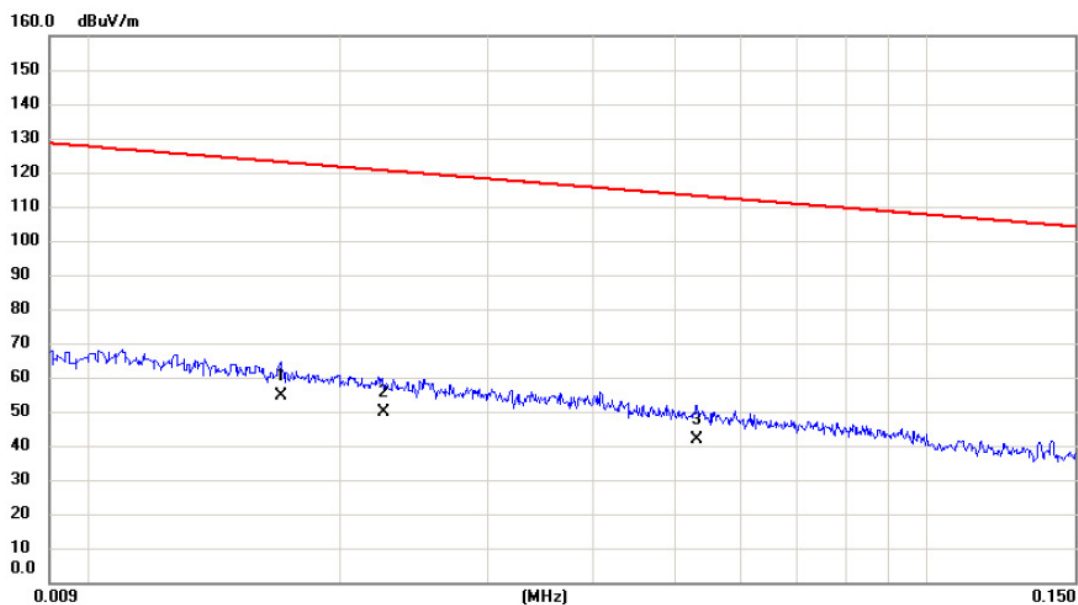
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2630	25.09	16.64	41.73	99.21	-57.48	AVG	
2	*	2.2250	37.84	15.44	53.28	69.54	-16.26	QP	
3		3.8808	29.90	14.99	44.89	69.54	-24.65	QP	

Test Mode: TX Mode (Adapter: BYD)

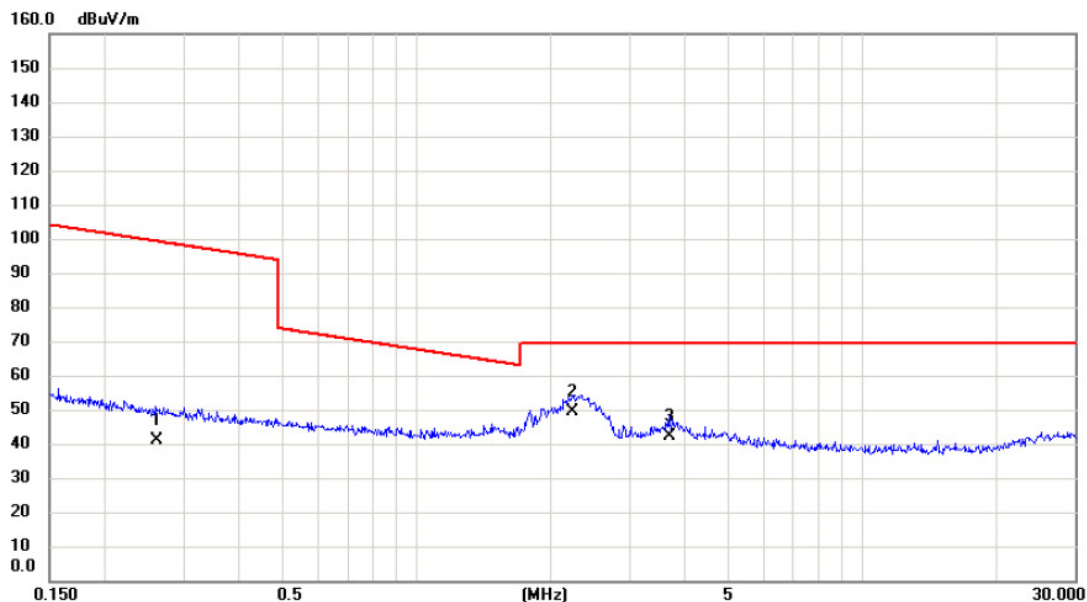
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0170	34.54	20.01	54.55	123.00	-68.45	AVG	
2		0.0225	30.18	19.55	49.73	120.56	-70.83	AVG	
3		0.0531	23.18	18.66	41.84	113.10	-71.26	AVG	

Test Mode: TX Mode (Adapter: BYD)

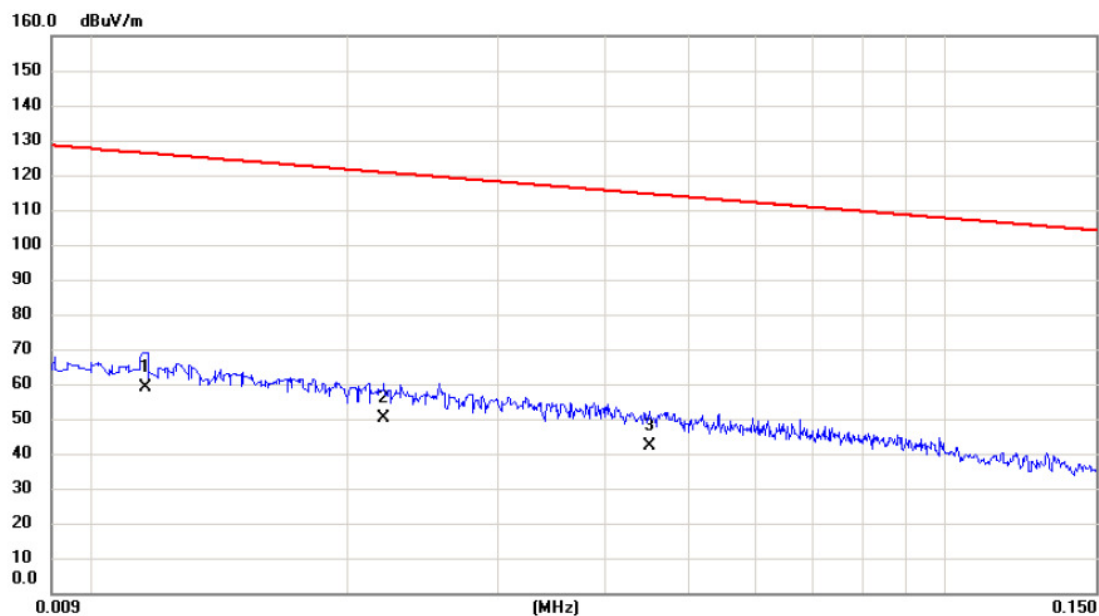
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2603	24.23	16.64	40.87	99.30	-58.43	AVG	
2	*	2.2367	33.93	15.44	49.37	69.54	-20.17	QP	
3		3.6806	27.25	15.05	42.30	69.54	-27.24	QP	

Test Mode: TX Mode (Adapter: BYD)

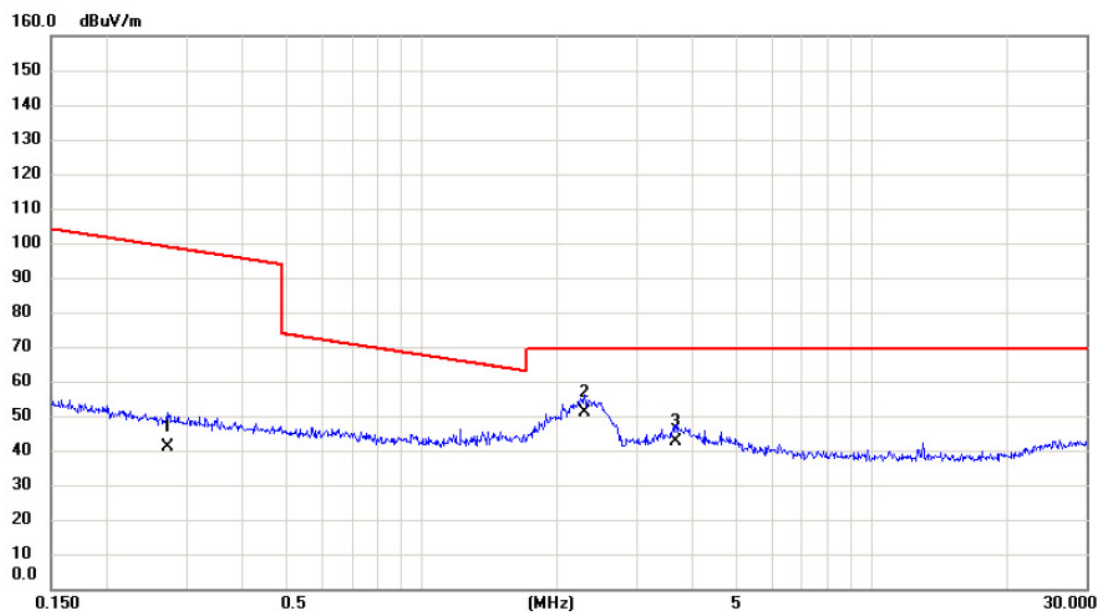
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0116	38.26	20.71	58.97	126.32	-67.35	AVG	
2		0.0220	30.55	19.56	50.11	120.76	-70.65	AVG	
3		0.0450	23.15	18.87	42.02	114.54	-72.52	AVG	

Test Mode: TX Mode (Adapter: BYD)

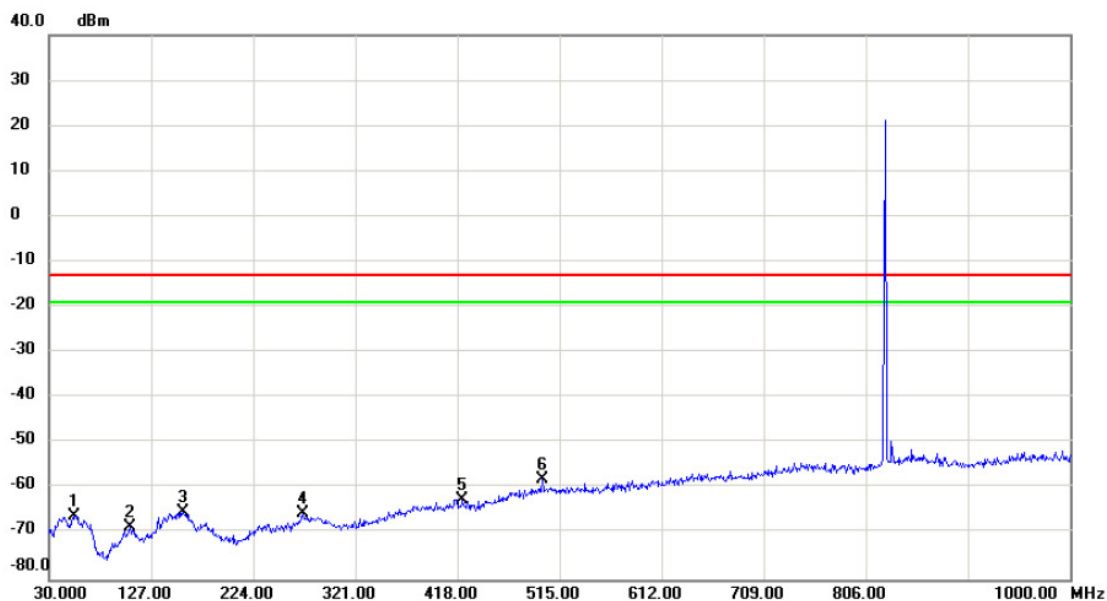
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2730	24.40	16.63	41.03	98.88	-57.85	AVG	
2	*	2.2968	35.66	15.42	51.08	69.54	-18.46	QP	
3		3.6611	27.46	15.05	42.51	69.54	-27.03	QP	

Test Mode: GSM850_TX CH128_GSM

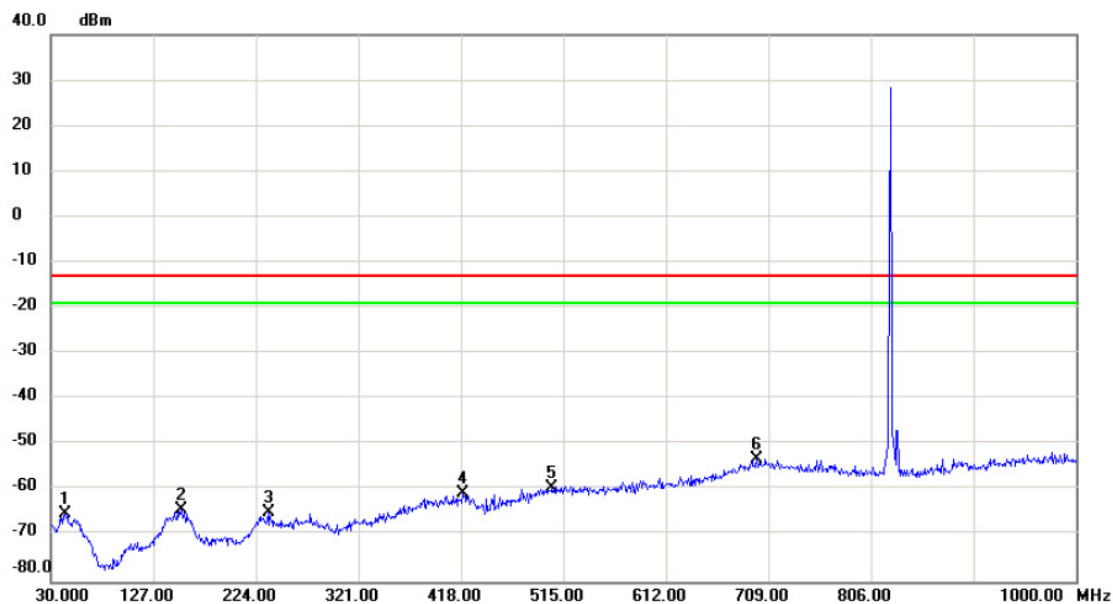
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		54.250	-78.40	12.40	-66.00	-13.00	-53.00	peak	
2		106.630	-77.41	8.87	-68.54	-13.00	-55.54	peak	
3		157.070	-78.22	13.17	-65.05	-13.00	-52.05	peak	
4		270.560	-77.69	12.22	-65.47	-13.00	-52.47	peak	
5		422.850	-76.92	14.61	-62.31	-13.00	-49.31	peak	
6	*	498.510	-75.27	17.46	-57.81	-13.00	-44.81	peak	

Test Mode: GSM850_TX CH128_GSM

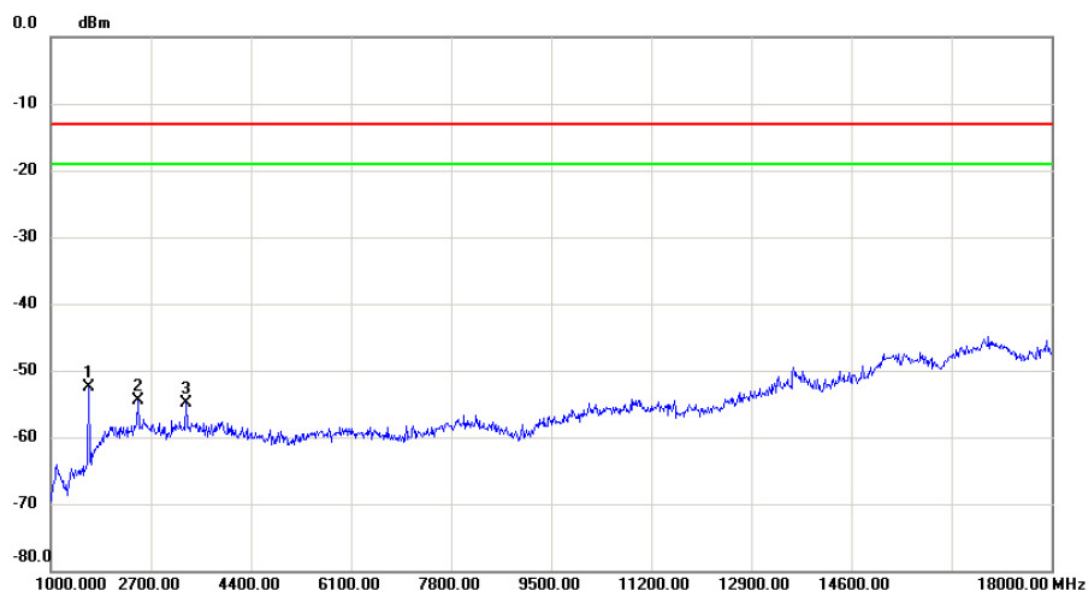
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		43.580	-78.03	12.78	-65.25	-13.00	-52.25	peak	
2		153.190	-78.05	13.76	-64.29	-13.00	-51.29	peak	
3		235.640	-77.72	12.77	-64.95	-13.00	-51.95	peak	
4		419.940	-77.41	16.88	-60.53	-13.00	-47.53	peak	
5		504.330	-77.53	18.06	-59.47	-13.00	-46.47	peak	
6	*	697.360	-76.97	23.80	-53.17	-13.00	-40.17	peak	

Test Mode:	GSM850_TX CH128_GSM
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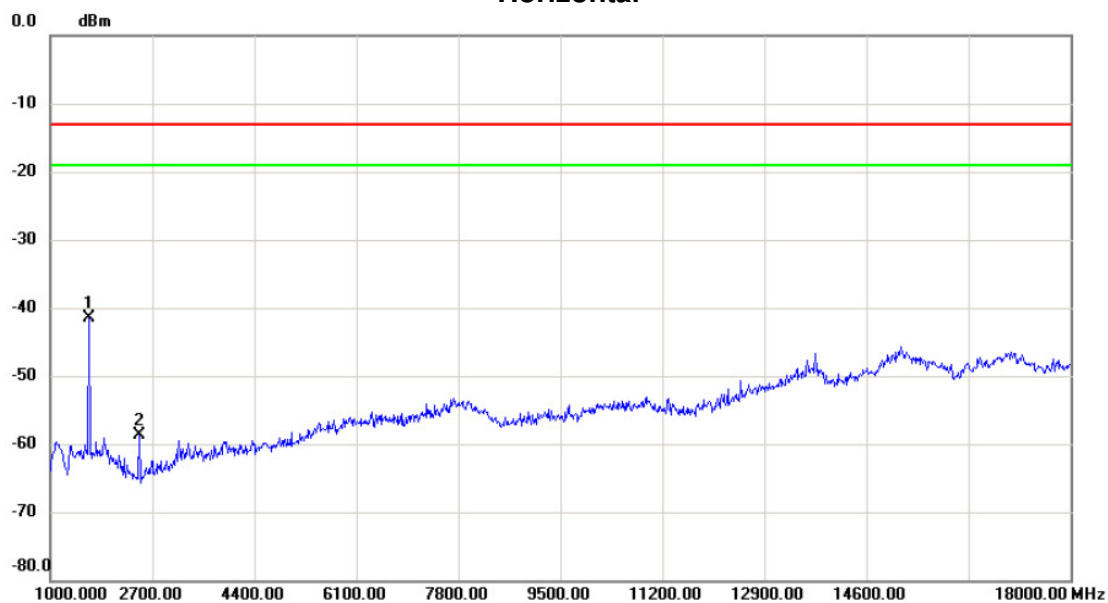
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1646.000	-58.67	6.12	-52.55	-13.00	-39.55	peak	
2		2479.000	-66.73	12.15	-54.58	-13.00	-41.58	peak	
3		3295.000	-68.43	13.52	-54.91	-13.00	-41.91	peak	

Test Mode: GSM850_TX CH128_GSM

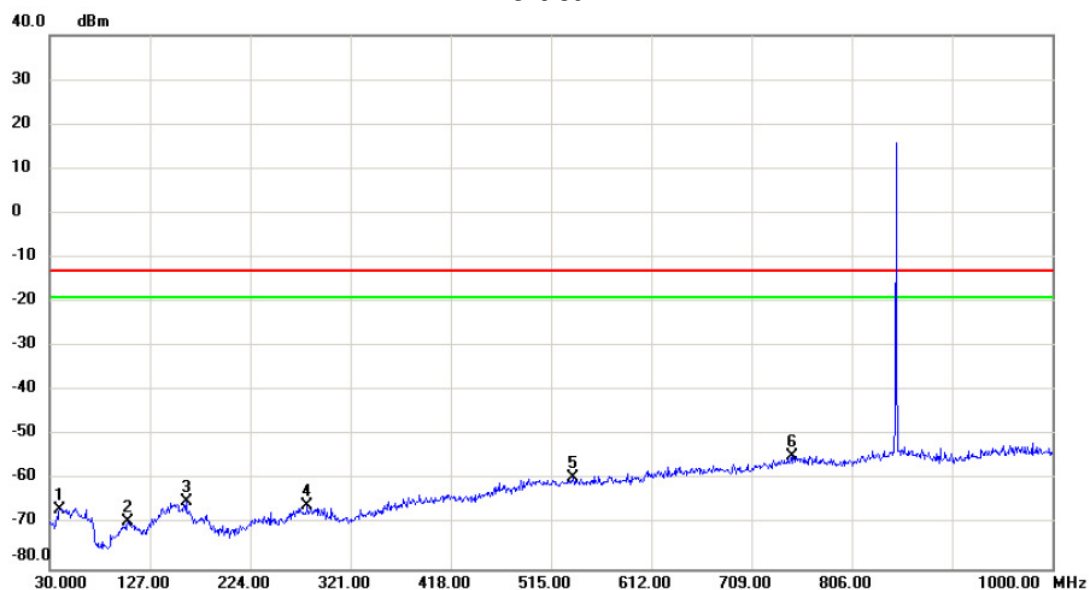
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1646.000	-49.58	8.15	-41.43	-13.00	-28.43	peak	
2		2479.000	-64.06	5.34	-58.72	-13.00	-45.72	peak	

Test Mode: GSM850_TX CH128_EDGE

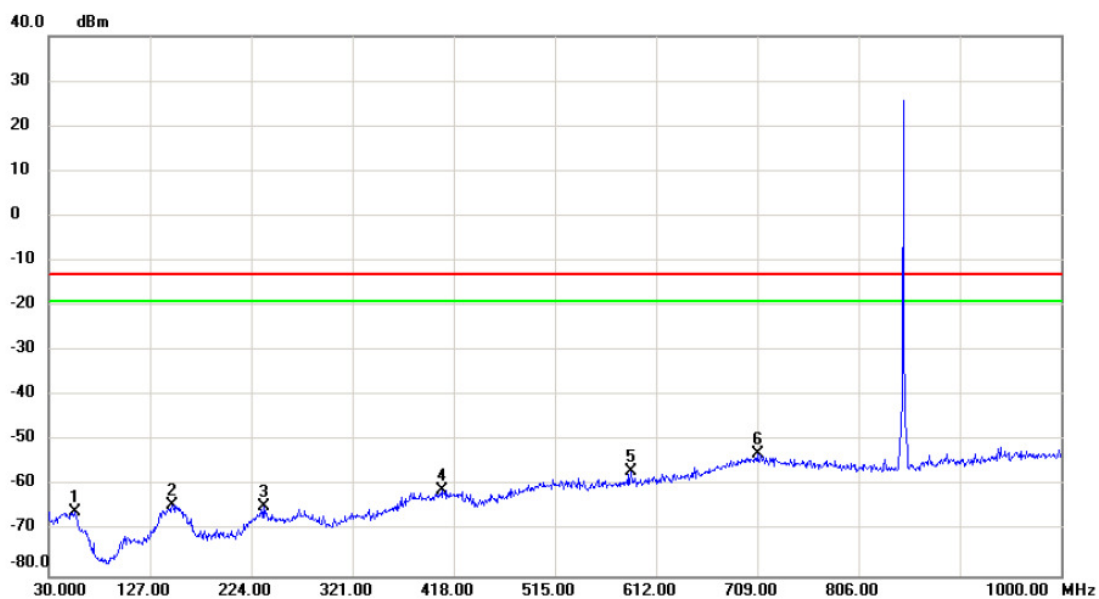
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		39.700	-78.47	11.90	-66.57	-13.00	-53.57	peak	
2		105.660	-78.10	8.84	-69.26	-13.00	-56.26	peak	
3		161.920	-77.29	12.55	-64.74	-13.00	-51.74	peak	
4		279.290	-78.37	12.62	-65.75	-13.00	-52.75	peak	
5		536.340	-76.87	17.48	-59.39	-13.00	-46.39	peak	
6	*	747.800	-76.95	22.39	-54.56	-13.00	-41.56	peak	

Test Mode: GSM850_TX CH128_EDGE

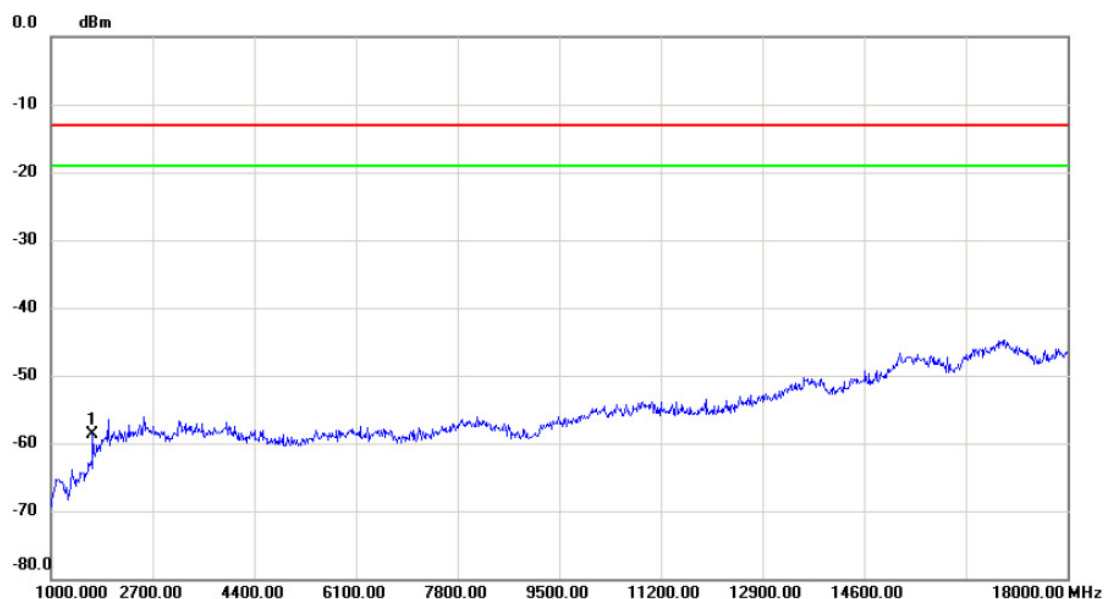
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		55.220	-78.27	12.53	-65.74	-13.00	-52.74	peak	
2		148.340	-78.24	14.06	-64.18	-13.00	-51.18	peak	
3		235.640	-77.25	12.77	-64.48	-13.00	-51.48	peak	
4		407.330	-77.23	16.25	-60.98	-13.00	-47.98	peak	
5		587.750	-75.57	18.88	-56.69	-13.00	-43.69	peak	
6	*	709.000	-76.60	23.76	-52.84	-13.00	-39.84	peak	

Test Mode:	GSM850_TX CH128_EDGE
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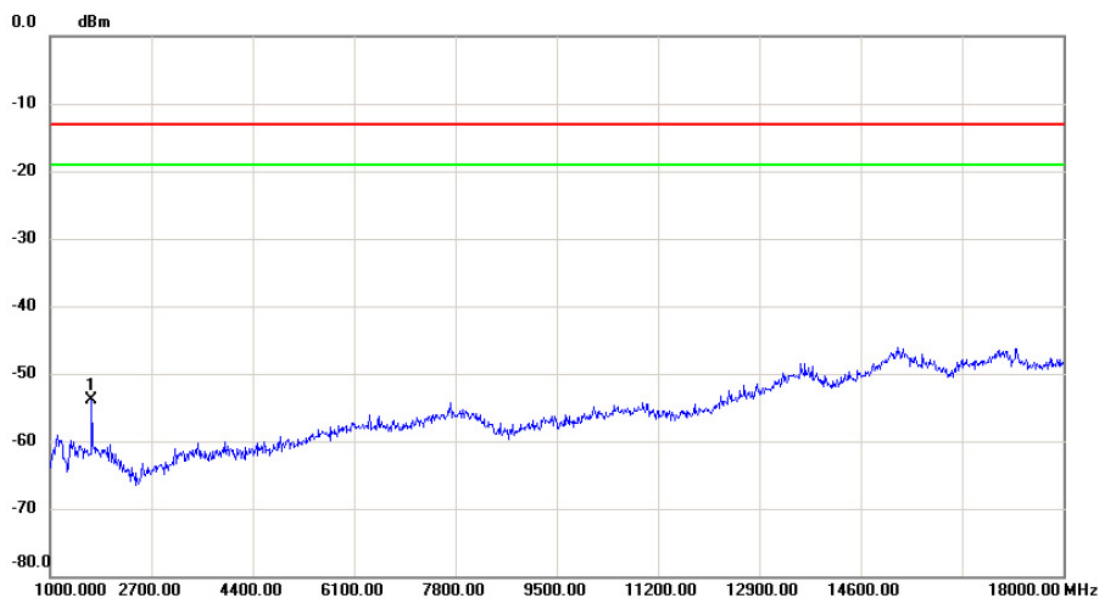
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1697.000	-65.53	6.82	-58.71	-13.00	-45.71	peak	

Test Mode:	GSM850_TX CH128_EDGE
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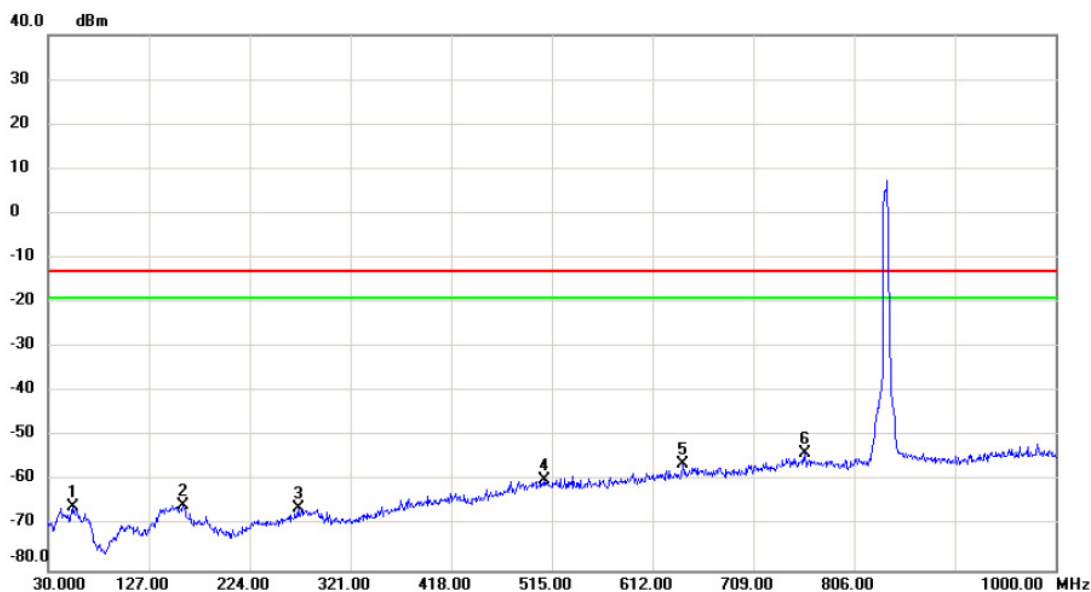
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1697.000	-62.06	8.17	-53.89	-13.00	-40.89	peak	

Test Mode: WCDMA Band V_TX CH4182

Vertical

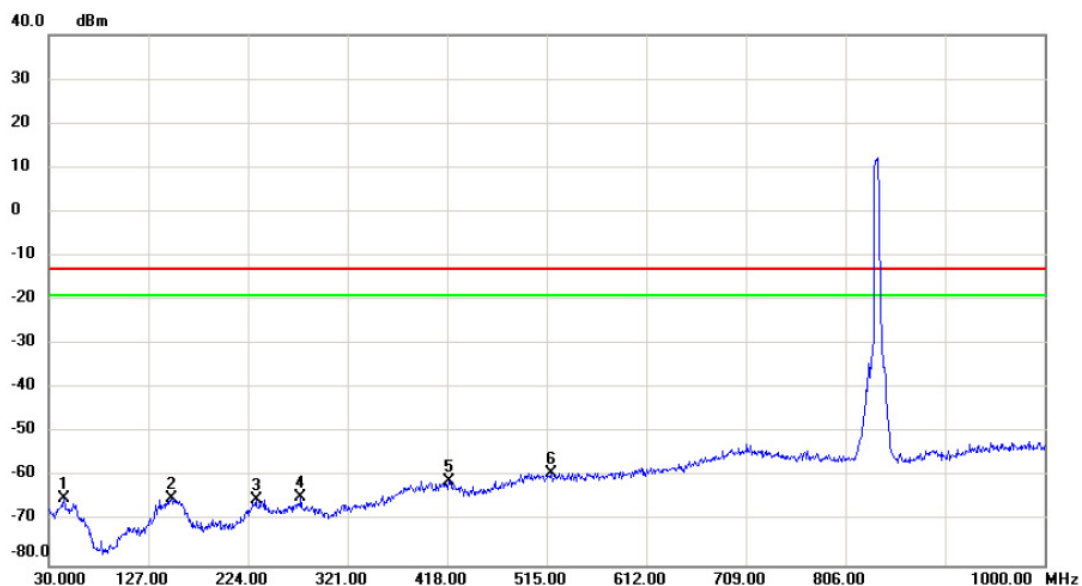


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	54.250	-78.24	12.40	-65.84	-13.00	-52.84	peak	
2	159.980	-78.50	13.18	-65.32	-13.00	-52.32	peak	
3	270.560	-78.35	12.22	-66.13	-13.00	-53.13	peak	
4	508.210	-77.31	17.53	-59.78	-13.00	-46.78	peak	
5	641.100	-76.10	19.87	-56.23	-13.00	-43.23	peak	
6 *	758.470	-76.17	22.38	-53.79	-13.00	-40.79	peak	

Test Mode:

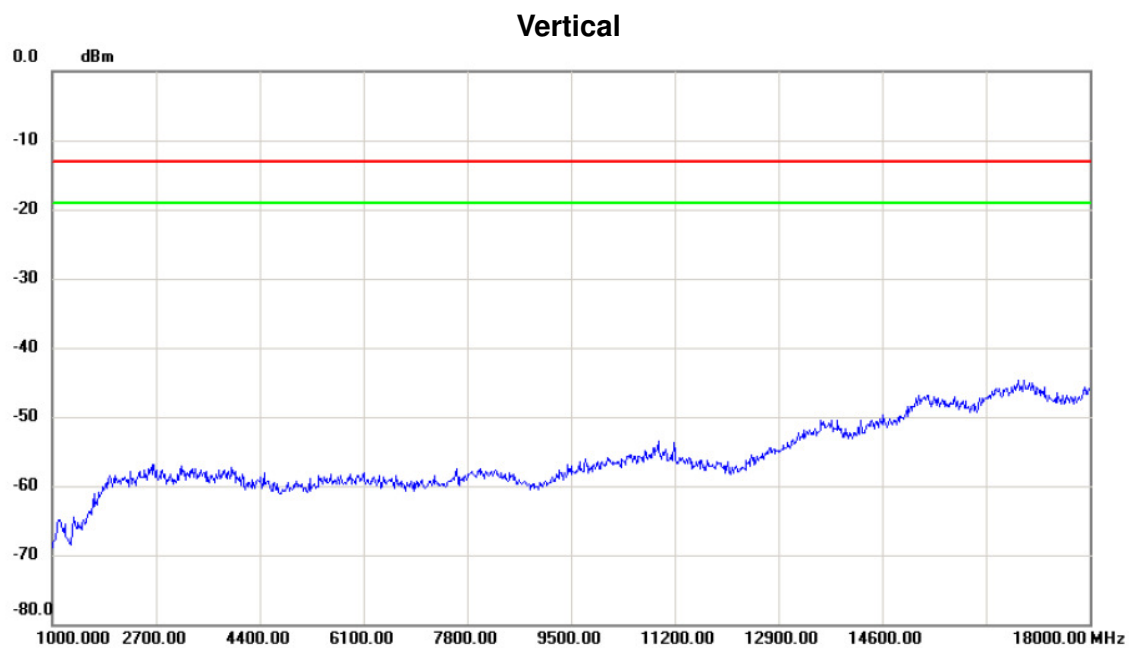
WCDMA Band V_TX CH4182

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		44.550	-77.91	12.97	-64.94	-13.00	-51.94	peak	
2		149.310	-78.91	14.16	-64.75	-13.00	-51.75	peak	
3		231.760	-78.14	13.10	-65.04	-13.00	-52.04	peak	
4		275.410	-77.38	12.74	-64.64	-13.00	-51.64	peak	
5		419.940	-77.77	16.88	-60.89	-13.00	-47.89	peak	
6	*	518.880	-77.11	18.08	-59.03	-13.00	-46.03	peak	

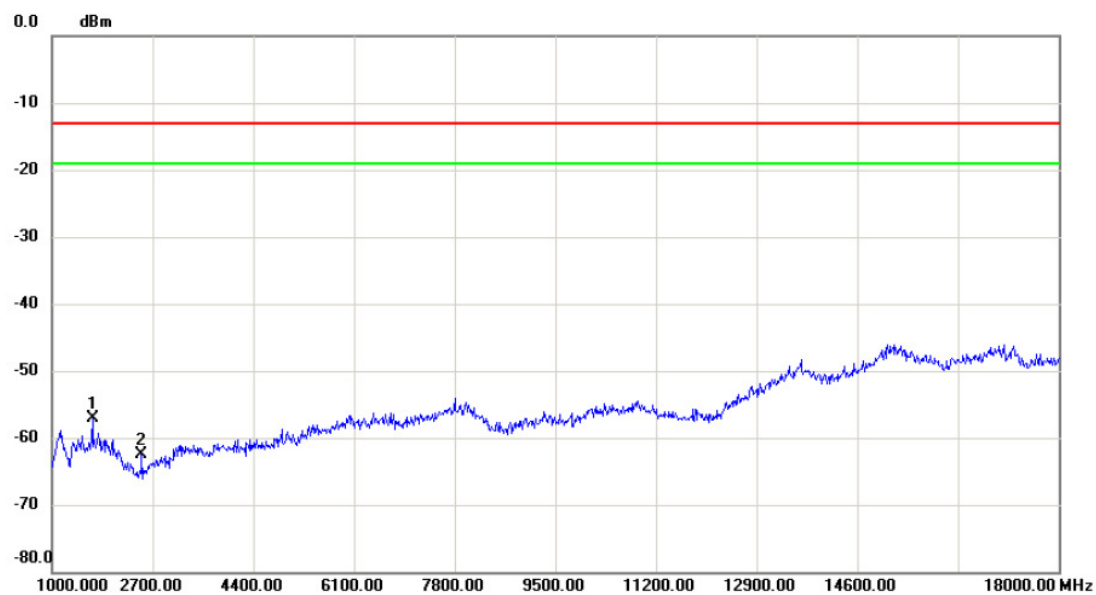
Test Mode:	WCDMA Band V_TX CH4182
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No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		

Test Mode:	WCDMA Band V_TX CH4182
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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	*	1680.000	-65.30	8.17	-57.13	-13.00	-44.13	peak	
2		2513.000	-67.74	5.30	-62.44	-13.00	-49.44	peak	