

TEST REPORT

of

FCC Part 2 Subpart J, Part 22 Subpart C/H, Part 24 Subpart E,
Part 27 Subpart C and Part 90 Subpart S

FCC ID: A3LSMT875

1. Equipment Under Test : Portable Tablet
2. Model Name : SM-T875
3. Variant Model Name(s) : -
4. Applicant : Samsung Electronics Co., Ltd.
5. Date of Receipt : 2020.06.04
6. Date of Test(s) : 2020.06.05 ~ 2020.07.09
7. Date of Issue : 2020.07.20

In the configuration tested, the EUT complied with the standards specified above. This test report does not assure KOLAS accreditation.

- 1) The results of this test report are effective only to the items tested.
- 2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as receive

Tested by:



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Technical
Manager:



Jungmin Yang

SGS Korea Co., Ltd. Gunpo Laboratory



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1. General Information

1.1. Testing Laboratory

SGS Korea Co., Ltd. (Gunpo Laboratory)

- 10-2, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
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- Designation number: KR0150

All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>.

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1.2. Details of Applicant

Applicant : Samsung Electronics Co., Ltd.

Address : 19 Chapin Rd., Building D, Pine Brook, New Jersey, United States, 07058

Contact Person : Chun, Jenni

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1.3. Description of EUT

Kind of Product	Portable Tablet
Model Name	SM-T875
Power Supply	DC 3.86 V
Rated Power	LTE Band 2, 4, 25, 66: 23.5 dB m LTE Band 5, 12, 13: 24.5 dB m LTE Band 26: 22.5 dB m LTE Band 41: 24 dB m
Frequency Range	LTE Band 2: 1 850 MHz ~ 1 910 MHz LTE Band 4: 1 710 MHz ~ 1 755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 25: 1 850 MHz ~ 1 915 MHz LTE Band 26: 824 MHz ~ 849 MHz LTE Band 41: 2 496 MHz ~ 2 690 MHz LTE Band 66: 1 710 MHz ~ 1 780 MHz
Modulation Technique	QPSK, 16QAM
Antenna Type	Metal Frame Antenna
Antenna Gain	699 MHz ~ 716 MHz: -3.10 dB i 777 MHz ~ 787 MHz: -1.13 dB i 814 MHz ~ 824 MHz: -0.74 dB i 824 MHz ~ 849 MHz: -0.74 dB i 1 710 MHz ~ 1 780 MHz: -0.53 dB i 1 850 MHz ~ 1 915 MHz: -0.48 dB i 2 496 MHz ~ 2 690 MHz: -2.20 dB i

1.4. Test Equipment List

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Interval	Cal. Due
Signal Generator	Agilent	E8257D	MY51501169	Nov. 11, 2019	Annual	Nov. 11, 2020
Spectrum Analyzer	R&S	FSV30	103210	Dec. 05, 2019	Annual	Dec. 05, 2020
Spectrum Analyzer	Agilent	N9030A	US51350132	Sep. 11, 2019	Annual	Sep. 11, 2020
Mobile Test Unit	R&S	CMW500	144034	Feb. 28, 2020	Annual	Feb. 28, 2021
Mobile Test Unit	R&S	CMW500	144032	May 08, 2020	Annual	May 08, 2021
Power Meter	Anritsu	ML2495A	1223004	Jun. 01, 2020	Annual	Jun. 01, 2021
Power Sensor	Anritsu	MA2411B	1207272	Jun. 01, 2020	Annual	Jun. 01, 2021
Temperature Chamber	ESPEC CORP.	PL-1J	15000796	Sep. 18, 2019	Annual	Sep. 18, 2020
Low Pass Filter	Mini-Circuits	NLP-1200+	V9500401023-2	Jun. 01, 2020	Annual	Jun. 01, 2021
High Pass Filter	Wainwright Instrument GmbH	WHKX10-900-1000-18000-40SS	7	Mar. 04, 2020	Annual	Mar. 04, 2021
High Pass Filter	Wainwright Instrument GmbH	WHKX1.5/15G-6SS	4	Jun. 11, 2020	Annual	Jun. 11, 2021
High Pass Filter	Wainwright Instrument GmbH	WHKX2.2/12.75G-10SS	8	Mar. 04, 2020	Annual	Mar. 04, 2021
High Pass Filter	Wainwright Instrument GmbH	WHK3.0/18G-10SS	344	May 18, 2020	Annual	May 18, 2021
High Pass Filter	Wainwright Instrument GmbH	WHK7.5/26.5G-6SS	15	Jun. 05, 2020	Annual	Jun. 05, 2021
Directional Coupler	KRYTAR	152613	122660	Jun. 11, 2020	Annual	Jun. 11, 2021
DC Power Supply	Agilent	U8002A	MY50060028	Mar. 03, 2020	Annual	Mar. 03, 2021
Preamplifier	H.P.	8447F	2944A03909	Aug. 07, 2019	Annual	Aug. 07, 2020
Preamplifier	R&S	SCU 18	10117	Jun. 10, 2020	Annual	Jun. 10, 2021
Preamplifier	MITEQ Inc.	JS44-18004000-35-8P	1546891	May 08, 2020	Annual	May 08, 2021
Test Receiver	R&S	ESU26	100109	Feb. 18, 2020	Annual	Feb. 18, 2021
Loop Antenna	Schwarzbeck Mess-Elektronik	FMZB 1519	1519-039	Aug. 22, 2019	Biennial	Aug. 22, 2021
Bilog Antenna	Schwarzbeck Mess-Elektronik	VULB9163	396	Mar. 21, 2019	Biennial	Mar. 21, 2021
Horn Antenna	R&S	HF906	100326	Feb. 14, 2020	Annual	Feb. 14, 2021
Horn Antenna	Schwarzbeck Mess-Elektronik	BBHA9170	9170-540	Jul. 24, 2019	Biennial	Jul. 24, 2021
Antenna Master	Innco systems GmbH	MM4000	N/A	N.C.R.	N/A	N.C.R.
Turn Table	Innco systems GmbH	DS 1200S	N/A	N.C.R.	N/A	N.C.R.
Controller	Innco systems GmbH	CONTROLLER CO3000-4P	CO3000/963/383 30516/L	N.C.R.	N/A	N.C.R.
Anechoic Chamber	SY Corporation	L x W x H (9.6 m x 6.4 m x 6.4 m)	N/A	N.C.R.	N/A	N.C.R.
Coaxial Cable	RFONE	PL520-NMNM-4M (4 m)	20200324001	May 06, 2020	Semi-annual	Nov. 06, 2020
Coaxial Cable	RFONE	PL520-NMNM-10M (10 m)	20200324001	May 06, 2020	Semi-annual	Nov. 06, 2020
Coaxial Cable	Rosenberger	LA1-C006-1500	131014 01/20	Feb. 13, 2020	Semi-annual	Aug. 13, 2020
Coaxial Cable	Rosenberger	LA1-C006-1500	131014 05/20	Feb. 13, 2020	Semi-annual	Aug. 13, 2020
Coaxial Cable	Rosenberger	LA1-C006-1500	131014 10/20	Feb. 13, 2020	Semi-annual	Aug. 13, 2020

► Support Equipment

Description	Manufacturer	Model	Serial Number
N/A	-	-	-

1.5. Summary of Test Results

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 2, 22, 24, 27 and 90		
Section	Test Item(s)	Result
§22.913(a)(5) §24.232(c) §27.50(b)(10) §27.50(c)(10) §27.50(d)(4) §27.50(h)(2) §90.635(b)	RF Radiated Output Power	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	Spurious Radiated Emission	Complied
§2.1046	Conducted Output Power	Complied
§2.1049	Occupied Bandwidth	Complied
§22.913(d) §24.232(d) §27.50(d)(5)	Peak-Average Ratio	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	Spurious Emission at Antenna Terminal	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	Band Edge and Emission Mask	Complied
§2.1055 §22.355 §24.235 §27.54 §90.213(a)	Frequency Stability	Complied

1.6. Sample Calculation for Offset

Where relevant, the following sample calculation is provided:

1.6.1. Conducted Test

Offset value (dB) = Directional Coupler (dB) + Cable loss (dB)

1.6.2. Radiation test

- E.I.R.P. (dB m) = Measured level (dB μ V) + Antenna factor (dB/m) + Cable loss (dB) + 20 Log D - 104.5; where D is the measurement distance in meters.
- E.R.P (dB m) = E.I.R.P. (dB m) - 2.15 (dB)

1.7. Device Capabilities

This device contains the following capabilities;

LTE Band 2 (1 850 MHz ~ 1 910 MHz) is covered by LTE Band 25 (1 850 MHz ~ 1 915 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers LTE Band 2 as well as Band 25.

LTE Band 4 (1 710 MHz ~ 1 755 MHz) is covered by LTE Band 66 (1 710 MHz ~ 1 780 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers LTE Band 4 as well as Band 66.

1.8. Worst Case Configuration and Mode

All testing was performed using QPSK and 16QAM modulations, except conducted spurious emissions and radiated spurious emissions were tested only QPSK modulation as worst case. The worst-case for spurious emission is based on the average conducted output power measurement investigation results.

The radiation test of the EUT was investigated in three orthogonal orientations X, Y, and Z, and the worst case data is reported.

1.9. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Radiated Emission, 9 kHz to 30 MHz	± 3.59 dB
Radiated Emission, below 1 GHz	± 5.88 dB
Radiated Emission, above 1 GHz	± 5.94 dB

Uncertainty figures are valid to a confidence level of 95 %.

1.10. Test Report Revision

Revision	Report Number	Date of Issue	Description
0	F690501-RF-RTL000924	2020.07.09	Initial
1	F690501-RF-RTL000924-1	2020.07.20	Modified the equipment under test and details of applicant.

1.11. Emission Designator and Max Power

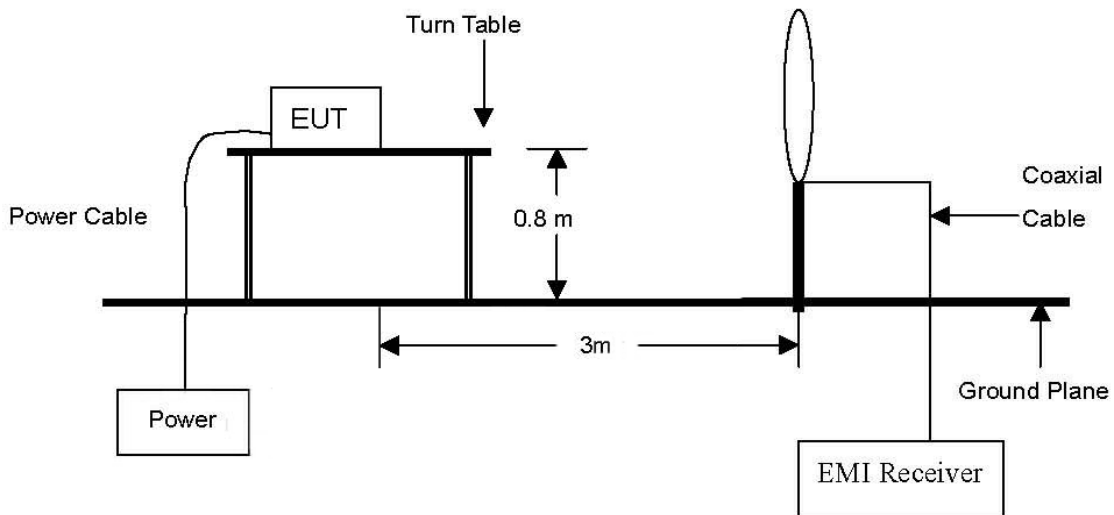
Mode	Frequency Range (MHz)	Modulation	Emission Designator	E.R.P. / E.I.R.P.	
				Max power (dBm)	Max power (mW)
LTE Band 5	824.7 ~ 848.3	QPSK	1M10G7D	24.59	287.74
		16QAM	1M09D7D	23.89	244.91
	825.5 ~ 847.5	QPSK	2M69G7D	24.69	294.44
		16QAM	2M68D7D	23.71	234.96
	826.5 ~ 836.5	QPSK	4M52G7D	24.31	269.77
		16QAM	4M52D7D	23.76	237.68
829 ~ 844	QPSK	8M97G7D	24.75	298.54	
	16QAM	8M94D7D	23.61	229.61	
LTE Band 12	699.7 ~ 715.3	QPSK	1M09G7D	18.32	67.92
		16QAM	1M09D7D	17.66	58.34
	700.5 ~ 714.5	QPSK	2M69G7D	19.05	80.35
		16QAM	2M68D7D	18.28	67.30
	701.5 ~ 713.5	QPSK	4M50G7D	18.90	77.62
		16QAM	4M49D7D	18.05	63.83
704 ~ 711	QPSK	8M91G7D	19.09	81.10	
	16QAM	8M91D7D	18.37	68.71	
LTE Band 13	779.5 ~ 784.5	QPSK	4M50G7D	21.81	151.71
		16QAM	4M49D7D	21.16	130.62
	782	QPSK	8M94G7D	21.90	154.88
		16QAM	8M91D7D	21.00	125.89
LTE Band 25/2	1 850.7 ~ 1 914.3	QPSK	1M09G7D	23.68	233.35
		16QAM	1M09D7D	22.92	195.88
	1 851.5 ~ 1 913.5	QPSK	2M69G7D	23.81	240.44
		16QAM	2M67D7D	22.85	192.75
	1 852.5 ~ 1 912.5	QPSK	4M52G7D	23.76	237.68
		16QAM	4M50D7D	22.59	181.55
	1 855 ~ 1 910	QPSK	8M94G7D	23.08	203.24
		16QAM	8M94D7D	22.11	162.55
	1 857.5 ~ 1 907.5	QPSK	13M5G7D	23.40	218.78
		16QAM	13M5D7D	22.60	181.97
1 860 ~ 1 905	QPSK	17M9G7D	23.54	225.94	
	16QAM	17M9D7D	22.48	177.01	

Mode	Frequency Range (MHz)	Modulation	Emission Designator	E.R.P. / E.I.R.P.	
				Max power (dB m)	Max power (mW)
LTE Band 26 (Part 22)	824.7 ~ 848.3	QPSK	1M10G7D	21.66	146.55
		16QAM	1M10D7D	20.93	123.88
	825.5 ~ 847.5	QPSK	2M68G7D	21.94	156.31
		16QAM	2M68D7D	21.29	134.59
	826.5 ~ 846.5	QPSK	4M53G7D	21.92	155.60
		16QAM	4M52D7D	20.90	123.03
	829 ~ 844	QPSK	8M94G7D	21.60	144.54
		16QAM	8M94D7D	20.90	123.03
	831.5 ~ 841.5	QPSK	13M4G7D	21.43	139.00
		16QAM	13M5D7D	20.89	122.74
LTE Band 26 (Part 90)	814.7 ~ 823.3	QPSK	1M10G7D	21.13	129.72
		16QAM	1M09D7D	20.18	104.23
	815.5 ~ 822.5	QPSK	2M69G7D	21.25	133.35
		16QAM	2M68D7D	20.23	105.44
	816.5 ~ 821.5	QPSK	4M52G7D	21.15	130.32
		16QAM	4M50D7D	20.48	111.69
	819	QPSK	8M97G7D	20.75	118.85
		16QAM	8M94D7D	19.89	97.50
	821.5	QPSK	13M5G7D	20.88	122.46
		16QAM	13M5D7D	19.86	96.83
LTE Band 41	2 498.5 ~ 2 687.5	QPSK	4M50G7D	21.13	129.72
		16QAM	4M50D7D	20.15	103.51
	2 501 ~ 2 685	QPSK	8M94G7D	21.22	132.43
		16QAM	8M91D7D	20.49	111.94
	2 503.5 ~ 2 682.5	QPSK	13M5G7D	21.14	130.02
		16QAM	13M5D7D	20.37	108.89
	2 506 ~ 2 680	QPSK	17M9G7D	21.44	139.32
		16QAM	17M9D7D	20.57	114.02
LTE Band 66/4	1710.7 ~ 1754.3	QPSK	1M10G7D	25.02	317.69
		16QAM	1M10D7D	24.06	254.68
	1 711.5 ~ 1 753.5	QPSK	2M69G7D	24.80	302.00
		16QAM	2M68D7D	24.41	276.06
	1 712.5 ~ 1 752.5	QPSK	4M52G7D	24.61	289.07
		16QAM	4M50D7D	23.69	233.88
	1 715 ~ 1 750	QPSK	8M94G7D	23.95	248.31
		16QAM	8M94D7D	23.32	214.78
	1 717.5 ~ 1 747.5	QPSK	13M4G7D	23.84	242.10
		16QAM	13M4D7D	23.01	199.99
	1 720 ~ 1 745	QPSK	17M9G7D	24.21	263.63
		16QAM	17M9D7D	23.39	218.27

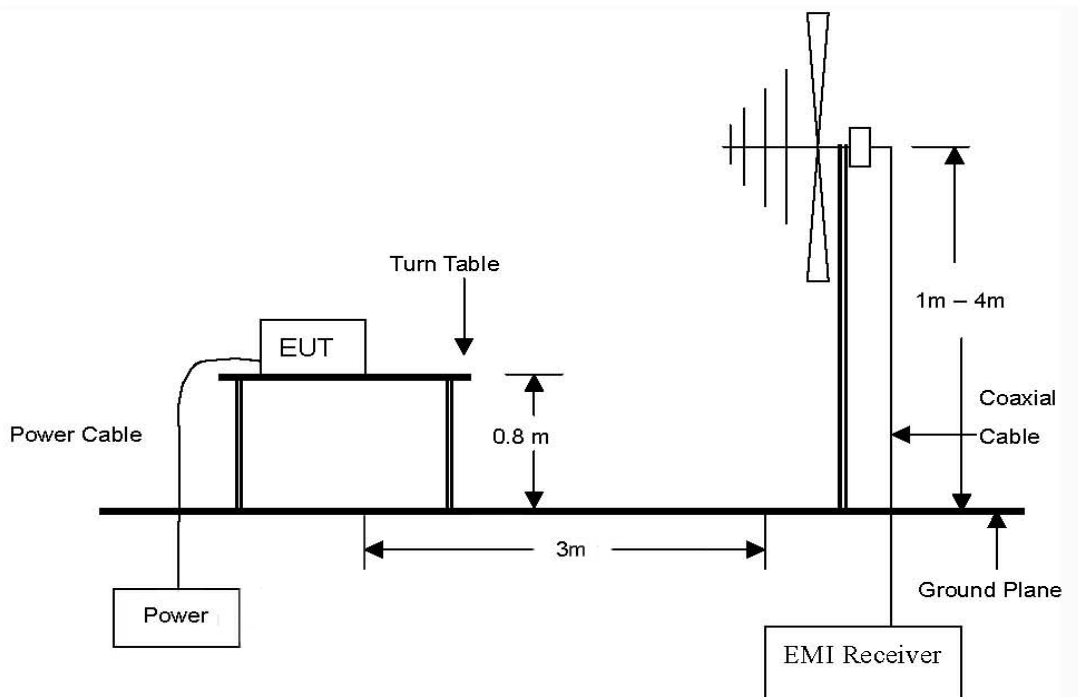
2. RF Radiated Output Power & Spurious Radiated Emission

2.1. Test setup

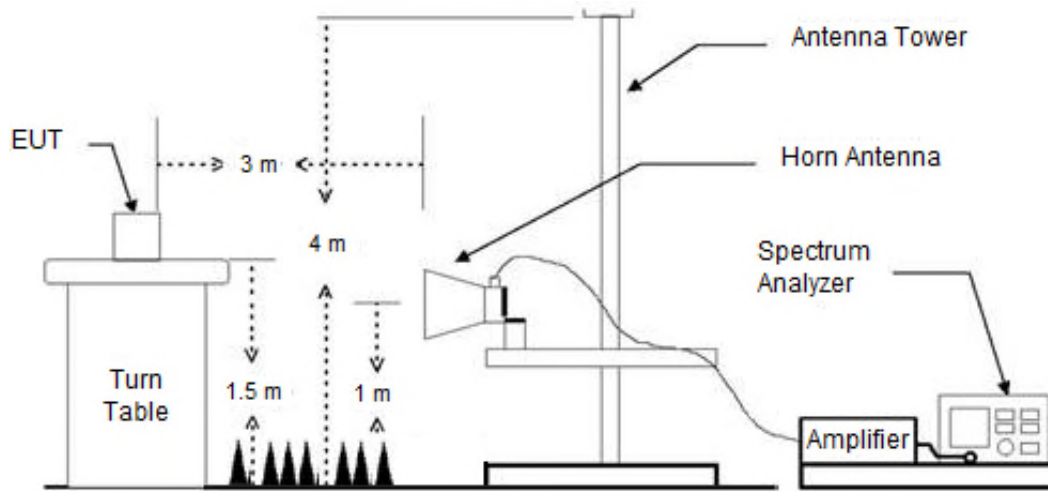
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 kHz to 30 MHz.



The diagram below shows the test setup that is utilized to make the measurements for emission from 30 MHz to 1 GHz Emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 1 GHz to 27 GHz Emissions.



2.2. Limit

2.2.1. Limit of Radiated Output Power

- §22.913(a)(5), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
- §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
- §27.50(b)(10), Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.
- §27.50(c)(10), portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.
- §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1 710-1 755 MHz band and mobile and portable stations operating in the 1 695-1 710 MHz and 1 755-1 780 MHz bands are limited to 1 watt EIRP.
- §27.50(h)(2), Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.
- §90.635(b), the maximum output power of the transmitter for mobile stations is 100 watts (20 dBW).

2.2.2. Limit of Spurious Radiated Emission

- §22.917(a), 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.
- §24.238(a), 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.
- §27.53(c)(2), on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB.
- §27.53(g), the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB.
- §27.53(h)(1), for operations in the 1 695-1 710 MHz, 1 710-1 755 MHz, 1 755-1 780 MHz, 1 915-1 920 MHz, 1 995-2 000 MHz, 2 000-2 020 MHz, 2 110-2 155 MHz, 2 155-2 180 MHz, and 2 180-2 200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.
- §27.53(m)(4), for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log_{10} (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log_{10} (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log_{10} (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log_{10} (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log_{10} (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.
- §90.691(a), out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:
 - (1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \text{ Log}_{10} (f / 6.1)$ decibels or $50 + 10 \text{ Log}_{10} (P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.
 - (2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \text{ Log}_{10} (P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

2.3. Test Procedure: Based on ANSI/TIA 603E: 2016 and ANSI C63.26-2015

1. On a test site, the EUT shall be placed at 0.8 m or 1.5 m height on a turn table, and in the position close to normal use as declared by the applicant.
2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to the fundamental frequency of the transmitter.
3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used for the measurement.
4. The maximized power level is recorded using the spectrum analyzer "Channel Power" function with the integration band set to the emissions occupied bandwidth, RBW = 1-5 % of the OBW (not to exceed 1 MHz), VBW ≥ 3 x RBW, Detector = power averaging (rms), sweep time = auto, trace average at least 100 traces in power averaging (rms) mode, per the guidelines of KDB 971168 D01 Power Meas License Digital Systems v03r01.
5. Radiated spurious emissions measurement method was set as follows:
 RBW = 100 kHz for emissions below 1 GHz and 1 MHz for emissions above 1 GHz, VBW ≥ 3 x RBW,
 Detector = RMS, trace mode = max hold, per the guidelines of ANSI C63.26-2015 and KDB 971168 D01 Power Meas License Digital Systems v03r01.
6. The transmitter shall be switched on, the measuring receiver shall be tuned to the frequency of the transmitter under test.
7. The test antenna shall be raised and lowered through the specified range of height until the maximum signal level is detected by the measuring receiver.
8. The transmitter shall be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
9. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.
10. The maximum signal level detected by the measuring receiver shall be noted.
11. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
12. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
13. The measurement shall be repeated with the test antenna orientated for horizontal polarization.

2.4. Test result for RF radiated output power

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

LTE band 5 (1.4 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
824.70	QPSK	89.34	H	26.89	3.32	119.55	-97.41	22.14	163.68
824.70		91.06	V	26.89	3.32	121.27	-97.41	23.86	243.22
836.50		90.29	H	27.30	3.25	120.84	-97.41	23.43	220.29
836.50		91.45	V	27.30	3.25	122.00	-97.41	24.59	287.74
848.30		89.22	H	27.43	3.23	119.88	-97.41	22.47	176.60
848.30		90.97	V	27.43	3.23	121.63	-97.41	24.22	264.24
824.70	16QAM	88.80	H	26.89	3.32	119.01	-97.41	21.60	144.54
824.70		90.48	V	26.89	3.32	120.69	-97.41	23.28	212.81
836.50		89.36	H	27.30	3.25	119.91	-97.41	22.50	177.83
836.50		90.75	V	27.30	3.25	121.30	-97.41	23.89	244.91
848.30		88.18	H	27.43	3.23	118.84	-97.41	21.43	139.00
848.30		90.46	V	27.43	3.23	121.12	-97.41	23.71	234.96

* 1.4 BW 1 RB size / 0 Offset

LTE band 5 (3 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
825.50	QPSK	89.46	H	26.92	3.32	119.70	-97.41	22.29	169.43
825.50		91.08	V	26.92	3.32	121.32	-97.41	23.91	246.04
836.50		90.43	H	27.30	3.25	120.98	-97.41	23.57	227.51
836.50		91.39	V	27.30	3.25	121.94	-97.41	24.53	283.79
847.50		89.49	H	27.40	3.23	120.12	-97.41	22.71	186.64
847.50		91.47	V	27.40	3.23	122.10	-97.41	24.69	294.44
825.50	16QAM	89.00	H	26.92	3.32	119.24	-97.41	21.83	152.41
825.50		90.66	V	26.92	3.32	120.90	-97.41	23.49	223.36
836.50		89.65	H	27.30	3.25	120.20	-97.41	22.79	190.11
836.50		90.34	V	27.30	3.25	120.89	-97.41	23.48	222.84
847.50		88.65	H	27.40	3.23	119.28	-97.41	21.87	153.82
847.50		90.49	V	27.40	3.23	121.12	-97.41	23.71	234.96

* 3 BW 1 RB size / 0 Offset

LTE band 5 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
826.50	QPSK	89.76	H	26.96	3.33	120.05	-97.41	22.64	183.65
826.50		91.43	V	26.96	3.33	121.72	-97.41	24.31	269.77
836.50		90.38	H	27.30	3.25	120.93	-97.41	23.52	224.91
836.50		91.05	V	27.30	3.25	121.60	-97.41	24.19	262.42
846.50		89.65	H	27.36	3.23	120.24	-97.41	22.83	191.87
846.50		91.13	V	27.36	3.23	121.72	-97.41	24.31	269.77
826.50	16QAM	88.90	H	26.96	3.33	119.19	-97.41	21.78	150.66
826.50		90.24	V	26.96	3.33	120.53	-97.41	23.12	205.12
836.50		89.23	H	27.30	3.25	119.78	-97.41	22.37	172.58
836.50		90.62	V	27.30	3.25	121.17	-97.41	23.76	237.68
846.50		88.68	H	27.36	3.23	119.27	-97.41	21.86	153.46
846.50		90.20	V	27.36	3.23	120.79	-97.41	23.38	217.77

* 5 BW 1 RB size / 0 Offset

LTE band 5 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
829.00	QPSK	89.55	H	27.06	3.34	119.95	-97.41	22.54	179.47
829.00		91.20	V	27.06	3.34	121.60	-97.41	24.19	262.42
836.50		90.10	H	27.30	3.25	120.65	-97.41	23.24	210.86
836.50		91.61	V	27.30	3.25	122.16	-97.41	24.75	298.54
844.00		89.60	H	27.30	3.22	120.12	-97.41	22.71	186.64
844.00		91.36	V	27.30	3.22	121.88	-97.41	24.47	279.90
829.00	16QAM	88.84	H	27.06	3.34	119.24	-97.41	21.83	152.41
829.00		90.61	V	27.06	3.34	121.01	-97.41	23.60	229.09
836.50		88.99	H	27.30	3.25	119.54	-97.41	22.13	163.31
836.50		90.34	V	27.30	3.25	120.89	-97.41	23.48	222.84
844.00		88.86	H	27.30	3.22	119.38	-97.41	21.97	157.40
844.00		90.50	V	27.30	3.22	121.02	-97.41	23.61	229.61

* 10 BW 1 RB size / 0 Offset

LTE band 12 (1.4 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
699.70	QPSK	85.06	H	25.50	3.11	113.67	-97.41	16.26	42.27
699.70		86.83	V	25.50	3.11	115.44	-97.41	18.03	63.53
707.50		85.56	H	25.50	3.10	114.16	-97.41	16.75	47.32
707.50		86.92	V	25.50	3.10	115.52	-97.41	18.11	64.71
715.30		85.38	H	25.61	3.06	114.05	-97.41	16.64	46.13
715.30		87.06	V	25.61	3.06	115.73	-97.41	18.32	67.92
699.70	16QAM	84.28	H	25.50	3.11	112.89	-97.41	15.48	35.32
699.70		85.91	V	25.50	3.11	114.52	-97.41	17.11	51.40
707.50		85.14	H	25.50	3.10	113.74	-97.41	16.33	42.95
707.50		85.94	V	25.50	3.10	114.54	-97.41	17.13	51.64
715.30		84.75	H	25.61	3.06	113.42	-97.41	16.01	39.90
715.30		86.40	V	25.61	3.06	115.07	-97.41	17.66	58.34

* 1.4 BW 1 RB size / 0 Offset

LTE band 12 (3 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
700.50	QPSK	85.26	H	25.50	3.11	113.87	-97.41	16.46	44.26
700.50		87.31	V	25.50	3.11	115.92	-97.41	18.51	70.96
707.50		85.71	H	25.50	3.10	114.31	-97.41	16.90	48.98
707.50		87.64	V	25.50	3.10	116.24	-97.41	18.83	76.38
714.50		85.61	H	25.59	3.07	114.27	-97.41	16.86	48.53
714.50		87.80	V	25.59	3.07	116.46	-97.41	19.05	80.35
700.50	16QAM	84.79	H	25.50	3.11	113.40	-97.41	15.99	39.72
700.50		86.70	V	25.50	3.11	115.31	-97.41	17.90	61.66
707.50		85.06	H	25.50	3.10	113.66	-97.41	16.25	42.17
707.50		86.58	V	25.50	3.10	115.18	-97.41	17.77	59.84
714.50		84.86	H	25.59	3.07	113.52	-97.41	16.11	40.83
714.50		87.03	V	25.59	3.07	115.69	-97.41	18.28	67.30

* 3 BW 1 RB size / 0 Offset

LTE band 12 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
701.50	QPSK	85.23	H	25.50	3.11	113.84	-97.41	16.43	43.95
701.50		87.27	V	25.50	3.11	115.88	-97.41	18.47	70.31
707.50		85.71	H	25.50	3.10	114.31	-97.41	16.90	48.98
707.50		87.71	V	25.50	3.10	116.31	-97.41	18.90	77.62
713.50		85.82	H	25.57	3.08	114.47	-97.41	17.06	50.82
713.50		87.39	V	25.57	3.08	116.04	-97.41	18.63	72.95
701.50	16QAM	84.48	H	25.50	3.11	113.09	-97.41	15.68	36.98
701.50		86.58	V	25.50	3.11	115.19	-97.41	17.78	59.98
707.50		84.75	H	25.50	3.10	113.35	-97.41	15.94	39.26
707.50		86.49	V	25.50	3.10	115.09	-97.41	17.68	58.61
713.50		85.01	H	25.57	3.08	113.66	-97.41	16.25	42.17
713.50		86.81	V	25.57	3.08	115.46	-97.41	18.05	63.83

* 5 BW 1 RB size / 0 Offset

LTE band 12 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
704.00	QPSK	85.13	H	25.50	3.11	113.74	-97.41	16.33	42.95
704.00		87.88	V	25.50	3.11	116.49	-97.41	19.08	80.91
707.50		85.63	H	25.50	3.10	114.23	-97.41	16.82	48.08
707.50		87.90	V	25.50	3.10	116.50	-97.41	19.09	81.10
711.00		85.76	H	25.52	3.09	114.37	-97.41	16.96	49.66
711.00		87.83	V	25.52	3.09	116.44	-97.41	19.03	79.98
704.00	16QAM	84.36	H	25.50	3.11	112.97	-97.41	15.56	35.97
704.00		86.91	V	25.50	3.11	115.52	-97.41	18.11	64.71
707.50		84.98	H	25.50	3.10	113.58	-97.41	16.17	41.40
707.50		87.18	V	25.50	3.10	115.78	-97.41	18.37	68.71
711.00		84.63	H	25.52	3.09	113.24	-97.41	15.83	38.28
711.00		86.84	V	25.52	3.09	115.45	-97.41	18.04	63.68

* 10 BW 1 RB size / 0 Offset

LTE band 13 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
779.50	QPSK	89.18	H	26.59	3.26	119.03	-97.41	21.62	145.21
779.50		87.82	V	26.59	3.26	117.67	-97.41	20.26	106.17
782.00		89.33	H	26.60	3.29	119.22	-97.41	21.81	151.71
782.00		88.07	V	26.60	3.29	117.96	-97.41	20.55	113.50
784.50		89.23	H	26.60	3.33	119.16	-97.41	21.75	149.62
784.50		88.17	V	26.60	3.33	118.10	-97.41	20.69	117.22
779.50	16QAM	88.72	H	26.59	3.26	118.57	-97.41	21.16	130.62
779.50		87.18	V	26.59	3.26	117.03	-97.41	19.62	91.62
782.00		88.33	H	26.60	3.29	118.22	-97.41	20.81	120.50
782.00		86.84	V	26.60	3.29	116.73	-97.41	19.32	85.51
784.50		88.45	H	26.60	3.33	118.38	-97.41	20.97	125.03
784.50		87.39	V	26.60	3.33	117.32	-97.41	19.91	97.95

* 5 BW 1 RB size / 0 Offset

LTE band 13 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
782.00	QPSK	89.42	H	26.60	3.29	119.31	-97.41	21.90	154.88
782.00		87.70	V	26.60	3.29	117.59	-97.41	20.18	104.23
782.00	16QAM	88.52	H	26.60	3.29	118.41	-97.41	21.00	125.89
782.00		87.19	V	26.60	3.29	117.08	-97.41	19.67	92.68

* 10 BW 1 RB size / 0 Offset

LTE band 25/2 (1.4 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 850.70	QPSK	83.61	H	27.51	5.23	116.35	-95.26	21.09	128.53
1 850.70		84.23	V	27.51	5.23	116.97	-95.26	21.71	148.25
1 882.50		84.85	H	27.76	5.37	117.98	-95.26	22.72	187.07
1 882.50		85.81	V	27.76	5.37	118.94	-95.26	23.68	233.35
1 914.30		83.06	H	27.79	5.43	116.28	-95.26	21.02	126.47
1 914.30		82.08	V	27.79	5.43	115.30	-95.26	20.04	100.93
1 850.70	16QAM	82.96	H	27.51	5.23	115.70	-95.26	20.44	110.66
1 850.70		83.23	V	27.51	5.23	115.97	-95.26	20.71	117.76
1 882.50		83.81	H	27.76	5.37	116.94	-95.26	21.68	147.23
1 882.50		85.05	V	27.76	5.37	118.18	-95.26	22.92	195.88
1 914.30		82.16	H	27.79	5.43	115.38	-95.26	20.12	102.80
1 914.30		81.16	V	27.79	5.43	114.38	-95.26	19.12	81.66

* 1.4 BW 1 RB size / 0 Offset

LTE band 25/2 (3 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 851.50	QPSK	83.95	H	27.51	5.24	116.70	-95.26	21.44	139.32
1 851.50		85.90	V	27.51	5.24	118.65	-95.26	23.39	218.27
1 882.50		85.14	H	27.76	5.37	118.27	-95.26	23.01	199.99
1 882.50		85.94	V	27.76	5.37	119.07	-95.26	23.81	240.44
1 913.50		83.25	H	27.79	5.43	116.47	-95.26	21.21	132.13
1 913.50		82.18	V	27.79	5.43	115.40	-95.26	20.14	103.28
1 851.50	16QAM	83.45	H	27.51	5.24	116.20	-95.26	20.94	124.17
1 851.50		83.86	V	27.51	5.24	116.61	-95.26	21.35	136.46
1 882.50		84.26	H	27.76	5.37	117.39	-95.26	22.13	163.31
1 882.50		84.98	V	27.76	5.37	118.11	-95.26	22.85	192.75
1 913.50		82.55	H	27.79	5.43	115.77	-95.26	20.51	112.46
1 913.50		81.35	V	27.79	5.43	114.57	-95.26	19.31	85.31

* 3 BW 1 RB size / 0 Offset

LTE band 25/2 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 852.50	QPSK	84.09	H	27.52	5.24	116.85	-95.26	21.59	144.21
1 852.50		84.29	V	27.52	5.24	117.05	-95.26	21.79	151.01
1 882.50		85.03	H	27.76	5.37	118.16	-95.26	22.90	194.98
1 882.50		85.89	V	27.76	5.37	119.02	-95.26	23.76	237.68
1 912.50		83.61	H	27.80	5.43	116.84	-95.26	21.58	143.88
1 912.50		82.37	V	27.80	5.43	115.60	-95.26	20.34	108.14
1 852.50	16QAM	83.21	H	27.52	5.24	115.97	-95.26	20.71	117.76
1 852.50		83.35	V	27.52	5.24	116.11	-95.26	20.85	121.62
1 882.50		84.03	H	27.76	5.37	117.16	-95.26	21.90	154.88
1 882.50		84.72	V	27.76	5.37	117.85	-95.26	22.59	181.55
1 912.50		83.01	H	27.80	5.43	116.24	-95.26	20.98	125.31
1 912.50		81.50	V	27.80	5.43	114.73	-95.26	19.47	88.51

* 5 BW 1 RB size / 0 Offset

LTE band 25/2 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 855.00	QPSK	83.91	H	27.54	5.25	116.70	-95.26	21.44	139.32
1 855.00		84.34	V	27.54	5.25	117.13	-95.26	21.87	153.82
1 882.50		83.85	H	27.76	5.37	116.98	-95.26	21.72	148.59
1 882.50		85.21	V	27.76	5.37	118.34	-95.26	23.08	203.24
1 910.00		85.00	H	27.82	5.42	118.24	-95.26	22.98	198.61
1 910.00		82.14	V	27.82	5.42	115.38	-95.26	20.12	102.80
1 855.00	16QAM	82.81	H	27.54	5.25	115.60	-95.26	20.34	108.14
1 855.00		83.40	V	27.54	5.25	116.19	-95.26	20.93	123.88
1 882.50		82.55	H	27.76	5.37	115.68	-95.26	20.42	110.15
1 882.50		84.24	V	27.76	5.37	117.37	-95.26	22.11	162.55
1 910.00		83.95	H	27.82	5.42	117.19	-95.26	21.93	155.96
1 910.00		81.31	V	27.82	5.42	114.55	-95.26	19.29	84.92

* 10 BW 1 RB size / 0 Offset

LTE band 25/2 (15 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 857.50	QPSK	83.77	H	27.56	5.27	116.60	-95.26	21.34	136.14
1 857.50		84.36	V	27.56	5.27	117.19	-95.26	21.93	155.96
1 882.50		82.94	H	27.76	5.37	116.07	-95.26	20.81	120.50
1 882.50		85.53	V	27.76	5.37	118.66	-95.26	23.40	218.78
1 907.50		84.35	H	27.84	5.42	117.61	-95.26	22.35	171.79
1 907.50		82.21	V	27.84	5.42	115.47	-95.26	20.21	104.95
1 857.50	16QAM	82.64	H	27.56	5.27	115.47	-95.26	20.21	104.95
1 857.50		83.51	V	27.56	5.27	116.34	-95.26	21.08	128.23
1 882.50		82.05	H	27.76	5.37	115.18	-95.26	19.92	98.17
1 882.50		84.73	V	27.76	5.37	117.86	-95.26	22.60	181.97
1 907.50		83.73	H	27.84	5.42	116.99	-95.26	21.73	148.94
1 907.50		81.44	V	27.84	5.42	114.70	-95.26	19.44	87.90

* 15 BW 1 RB size / 0 Offset

LTE band 25/2 (20 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 860.00	QPSK	83.67	H	27.58	5.28	116.53	-95.26	21.27	133.97
1 860.00		84.31	V	27.58	5.28	117.17	-95.26	21.91	155.24
1 882.50		82.63	H	27.76	5.37	115.76	-95.26	20.50	112.20
1 882.50		85.67	V	27.76	5.37	118.80	-95.26	23.54	225.94
1 905.00		85.26	H	27.86	5.41	118.53	-95.26	23.27	212.32
1 905.00		83.27	V	27.86	5.41	116.54	-95.26	21.28	134.28
1 860.00	16QAM	82.91	H	27.58	5.28	115.77	-95.26	20.51	112.46
1 860.00		83.63	V	27.58	5.28	116.49	-95.26	21.23	132.74
1 882.50		82.24	H	27.76	5.37	115.37	-95.26	20.11	102.57
1 882.50		84.52	V	27.76	5.37	117.65	-95.26	22.39	173.38
1 905.00		84.47	H	27.86	5.41	117.74	-95.26	22.48	177.01
1 905.00		82.20	V	27.86	5.41	115.47	-95.26	20.21	104.95

* 20 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (1.4 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
824.70	QPSK	87.43	H	26.89	3.32	117.64	-97.41	20.23	105.44
824.70		88.26	V	26.89	3.32	118.47	-97.41	21.06	127.64
836.50		88.22	H	27.30	3.25	118.77	-97.41	21.36	136.77
836.50		88.28	V	27.30	3.25	118.83	-97.41	21.42	138.68
848.30		87.41	H	27.43	3.23	118.07	-97.41	20.66	116.41
848.30		88.41	V	27.43	3.23	119.07	-97.41	21.66	146.55
824.70	16QAM	86.59	H	26.89	3.32	116.80	-97.41	19.39	86.90
824.70		87.42	V	26.89	3.32	117.63	-97.41	20.22	105.20
836.50		87.14	H	27.30	3.25	117.69	-97.41	20.28	106.66
836.50		87.49	V	27.30	3.25	118.04	-97.41	20.63	115.61
848.30		86.47	H	27.43	3.23	117.13	-97.41	19.72	93.76
848.30		87.68	V	27.43	3.23	118.34	-97.41	20.93	123.88

* 1.4 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (3 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
825.50	QPSK	87.71	H	26.92	3.32	117.95	-97.41	20.54	113.24
825.50		88.30	V	26.92	3.32	118.54	-97.41	21.13	129.72
836.50		88.23	H	27.30	3.25	118.78	-97.41	21.37	137.09
836.50		88.41	V	27.30	3.25	118.96	-97.41	21.55	142.89
847.50		87.86	H	27.40	3.23	118.49	-97.41	21.08	128.23
847.50		88.72	V	27.40	3.23	119.35	-97.41	21.94	156.31
825.50	16QAM	86.92	H	26.92	3.32	117.16	-97.41	19.75	94.41
825.50		87.93	V	26.92	3.32	118.17	-97.41	20.76	119.12
836.50		87.59	H	27.30	3.25	118.14	-97.41	20.73	118.30
836.50		87.60	V	27.30	3.25	118.15	-97.41	20.74	118.58
847.50		86.94	H	27.40	3.23	117.57	-97.41	20.16	103.75
847.50		88.07	V	27.40	3.23	118.70	-97.41	21.29	134.59

* 3 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
826.50	QPSK	87.43	H	26.96	3.33	117.72	-97.41	20.31	107.40
826.50		88.43	V	26.96	3.33	118.72	-97.41	21.31	135.21
836.50		88.66	H	27.30	3.25	119.21	-97.41	21.80	151.36
836.50		88.44	V	27.30	3.25	118.99	-97.41	21.58	143.88
846.50		87.65	H	27.36	3.23	118.24	-97.41	20.83	121.06
846.50		88.74	V	27.36	3.23	119.33	-97.41	21.92	155.60
826.50	16QAM	86.53	H	26.96	3.33	116.82	-97.41	19.41	87.30
826.50		87.69	V	26.96	3.33	117.98	-97.41	20.57	114.02
836.50		87.57	H	27.30	3.25	118.12	-97.41	20.71	117.76
836.50		87.40	V	27.30	3.25	117.95	-97.41	20.54	113.24
846.50		87.10	H	27.36	3.23	117.69	-97.41	20.28	106.66
846.50		87.72	V	27.36	3.23	118.31	-97.41	20.90	123.03

* 5 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
829.00	QPSK	87.48	H	27.06	3.34	117.88	-97.41	20.47	111.43
829.00		88.61	V	27.06	3.34	119.01	-97.41	21.60	144.54
836.50		88.34	H	27.30	3.25	118.89	-97.41	21.48	140.60
836.50		88.45	V	27.30	3.25	119.00	-97.41	21.59	144.21
844.00		88.30	H	27.30	3.22	118.82	-97.41	21.41	138.36
844.00		88.23	V	27.30	3.22	118.75	-97.41	21.34	136.14
829.00	16QAM	86.90	H	27.06	3.34	117.30	-97.41	19.89	97.50
829.00		87.37	V	27.06	3.34	117.77	-97.41	20.36	108.64
836.50		87.70	H	27.30	3.25	118.25	-97.41	20.84	121.34
836.50		87.44	V	27.30	3.25	117.99	-97.41	20.58	114.29
844.00		87.37	H	27.30	3.22	117.89	-97.41	20.48	111.69
844.00		87.79	V	27.30	3.22	118.31	-97.41	20.90	123.03

* 10 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (15 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
831.50	QPSK	87.41	H	27.16	3.32	117.89	-97.41	20.48	111.69
831.50		88.36	V	27.16	3.32	118.84	-97.41	21.43	139.00
841.50		88.23	H	27.30	3.21	118.74	-97.41	21.33	135.83
841.50		88.28	V	27.30	3.21	118.79	-97.41	21.38	137.40
831.50	16QAM	86.60	H	27.16	3.32	117.08	-97.41	19.67	92.68
831.50		87.82	V	27.16	3.32	118.30	-97.41	20.89	122.74
841.50		87.48	H	27.30	3.21	117.99	-97.41	20.58	114.29
841.50		87.58	V	27.30	3.21	118.09	-97.41	20.68	116.95

* 15 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (1.4 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
814.70	QPSK	86.18	H	26.80	3.22	116.20	-97.41	18.79	75.68
814.70		87.03	V	26.80	3.22	117.05	-97.41	19.64	92.04
819.00		87.36	H	26.80	3.28	117.44	-97.41	20.03	100.69
819.00		88.32	V	26.80	3.28	118.40	-97.41	20.99	125.60
823.30		87.54	H	26.87	3.31	117.72	-97.41	20.31	107.40
823.30		88.36	V	26.87	3.31	118.54	-97.41	21.13	129.72
814.70	16QAM	85.71	H	26.80	3.22	115.73	-97.41	18.32	67.92
814.70		86.19	V	26.80	3.22	116.21	-97.41	18.80	75.86
819.00		86.33	H	26.80	3.28	116.41	-97.41	19.00	79.43
819.00		87.49	V	26.80	3.28	117.57	-97.41	20.16	103.75
823.30		86.13	H	26.87	3.31	116.31	-97.41	18.90	77.62
823.30		87.41	V	26.87	3.31	117.59	-97.41	20.18	104.23

* 1.4 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (3 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
815.50	QPSK	87.08	H	26.80	3.23	117.11	-97.41	19.70	93.33
815.50		88.19	V	26.80	3.23	118.22	-97.41	20.81	120.50
819.00		87.58	H	26.80	3.28	117.66	-97.41	20.25	105.93
819.00		88.34	V	26.80	3.28	118.42	-97.41	21.01	126.18
822.50		87.49	H	26.85	3.31	117.65	-97.41	20.24	105.68
822.50		88.50	V	26.85	3.31	118.66	-97.41	21.25	133.35
815.50	16QAM	86.49	H	26.80	3.23	116.52	-97.41	19.11	81.47
815.50		87.45	V	26.80	3.23	117.48	-97.41	20.07	101.62
819.00		86.48	H	26.80	3.28	116.56	-97.41	19.15	82.22
819.00		87.56	V	26.80	3.28	117.64	-97.41	20.23	105.44
822.50		86.62	H	26.85	3.31	116.78	-97.41	19.37	86.50
822.50		87.36	V	26.85	3.31	117.52	-97.41	20.11	102.57

* 3 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
816.50	QPSK	87.20	H	26.80	3.24	117.24	-97.41	19.83	96.16
816.50		88.13	V	26.80	3.24	118.17	-97.41	20.76	119.12
819.00		87.48	H	26.80	3.28	117.56	-97.41	20.15	103.51
819.00		88.48	V	26.80	3.28	118.56	-97.41	21.15	130.32
821.50		87.69	H	26.83	3.31	117.83	-97.41	20.42	110.15
821.50		88.17	V	26.83	3.31	118.31	-97.41	20.90	123.03
816.50	16QAM	85.90	H	26.80	3.24	115.94	-97.41	18.53	71.29
816.50		87.16	V	26.80	3.24	117.20	-97.41	19.79	95.28
819.00		86.64	H	26.80	3.28	116.72	-97.41	19.31	85.31
819.00		87.29	V	26.80	3.28	117.37	-97.41	19.96	99.08
821.50		86.76	H	26.83	3.31	116.90	-97.41	19.49	88.92
821.50		87.75	V	26.83	3.31	117.89	-97.41	20.48	111.69

* 5 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
819.00	QPSK	87.00	H	26.80	3.28	117.08	-97.41	19.67	92.68
819.00		88.08	V	26.80	3.28	118.16	-97.41	20.75	118.85
819.00	16QAM	86.14	H	26.80	3.28	116.22	-97.41	18.81	76.03
819.00		87.22	V	26.80	3.28	117.30	-97.41	19.89	97.50

* 10 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (15 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P.	
								(dB m)	(mW)
821.50	QPSK	87.18	H	26.83	3.31	117.32	-97.41	19.91	97.95
821.50		88.15	V	26.83	3.31	118.29	-97.41	20.88	122.46
821.50	16QAM	86.65	H	26.83	3.31	116.79	-97.41	19.38	86.70
821.50		87.13	V	26.83	3.31	117.27	-97.41	19.86	96.83

* 15 BW 1 RB size / 0 Offset

LTE band 41 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
2 498.50	QPSK	81.72	H	28.31	6.36	116.39	-95.26	21.13	129.72
2 498.50		79.56	V	28.31	6.36	114.23	-95.26	18.97	78.89
2 593.00		79.86	H	28.56	6.37	114.79	-95.26	19.53	89.74
2 593.00		79.48	V	28.56	6.37	114.41	-95.26	19.15	82.22
2 687.50		78.21	H	28.85	6.35	113.41	-95.26	18.15	65.31
2 687.50		78.21	V	28.85	6.35	113.41	-95.26	18.15	65.31
2 498.50	16QAM	80.74	H	28.31	6.36	115.41	-95.26	20.15	103.51
2 498.50		78.30	V	28.31	6.36	112.97	-95.26	17.71	59.02
2 593.00		78.96	H	28.56	6.37	113.89	-95.26	18.63	72.95
2 593.00		78.26	V	28.56	6.37	113.19	-95.26	17.93	62.09
2 687.50		77.04	H	28.85	6.35	112.24	-95.26	16.98	49.89
2 687.50		77.43	V	28.85	6.35	112.63	-95.26	17.37	54.58

* 5 BW 1 RB size / 0 Offset

LTE band 41 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
2 501.00	QPSK	81.83	H	28.30	6.35	116.48	-95.26	21.22	132.43
2 501.00		79.33	V	28.30	6.35	113.98	-95.26	18.72	74.47
2 593.00		80.61	H	28.56	6.37	115.54	-95.26	20.28	106.66
2 593.00		79.56	V	28.56	6.37	114.49	-95.26	19.23	83.75
2 685.00		78.01	H	28.86	6.34	113.21	-95.26	17.95	62.37
2 685.00		78.07	V	28.86	6.34	113.27	-95.26	18.01	63.24
2 501.00	16QAM	81.10	H	28.30	6.35	115.75	-95.26	20.49	111.94
2 501.00		78.41	V	28.30	6.35	113.06	-95.26	17.80	60.26
2 593.00		79.18	H	28.56	6.37	114.11	-95.26	18.85	76.74
2 593.00		77.63	V	28.56	6.37	112.56	-95.26	17.30	53.70
2 685.00		77.22	H	28.86	6.34	112.42	-95.26	17.16	52.00
2 685.00		77.26	V	28.86	6.34	112.46	-95.26	17.20	52.48

* 10 BW 1 RB size / 0 Offset

LTE band 41 (15 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
2 503.50	QPSK	81.75	H	28.30	6.35	116.40	-95.26	21.14	130.02
2 503.50		79.47	V	28.30	6.35	114.12	-95.26	18.86	76.91
2 593.00		79.84	H	28.56	6.37	114.77	-95.26	19.51	89.33
2 593.00		78.89	V	28.56	6.37	113.82	-95.26	18.56	71.78
2 682.50		77.94	H	28.87	6.34	113.15	-95.26	17.89	61.52
2 682.50		78.21	V	28.87	6.34	113.42	-95.26	18.16	65.46
2 503.50	16QAM	80.98	H	28.30	6.35	115.63	-95.26	20.37	108.89
2 503.50		78.60	V	28.30	6.35	113.25	-95.26	17.99	62.95
2 593.00		78.79	H	28.56	6.37	113.72	-95.26	18.46	70.15
2 593.00		78.46	V	28.56	6.37	113.39	-95.26	18.13	65.01
2 682.50		77.17	H	28.87	6.34	112.38	-95.26	17.12	51.52
2 682.50		77.30	V	28.87	6.34	112.51	-95.26	17.25	53.09

* 15 BW 1 RB size / 0 Offset

LTE band 41 (20 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
2 506.00	QPSK	82.05	H	28.30	6.35	116.70	-95.26	21.44	139.32
2 506.00		79.72	V	28.30	6.35	114.37	-95.26	19.11	81.47
2 593.00		79.61	H	28.56	6.37	114.54	-95.26	19.28	84.72
2 593.00		78.76	V	28.56	6.37	113.69	-95.26	18.43	69.66
2 680.00		77.68	H	28.88	6.33	112.89	-95.26	17.63	57.94
2 680.00		77.70	V	28.88	6.33	112.91	-95.26	17.65	58.21
2 506.00	16QAM	81.18	H	28.30	6.35	115.83	-95.26	20.57	114.02
2 506.00		78.74	V	28.30	6.35	113.39	-95.26	18.13	65.01
2 593.00		79.04	H	28.56	6.37	113.97	-95.26	18.71	74.30
2 593.00		78.14	V	28.56	6.37	113.07	-95.26	17.81	60.39
2 680.00		76.76	H	28.88	6.33	111.97	-95.26	16.71	46.88
2 680.00		76.65	V	28.88	6.33	111.86	-95.26	16.60	45.71

* 20 BW 1 RB size / 0 Offset

LTE band 66/4 (1.4 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 710.70	QPSK	87.16	H	26.96	4.98	119.10	-95.26	23.84	242.10
1 710.70		86.14	V	26.96	4.98	118.08	-95.26	22.82	191.43
1 745.00		88.40	H	26.82	5.06	120.28	-95.26	25.02	317.69
1 745.00		87.46	V	26.82	5.06	119.34	-95.26	24.08	255.86
1 779.30		87.30	H	26.80	5.09	119.19	-95.26	23.93	247.17
1 779.30		83.27	V	26.80	5.09	115.16	-95.26	19.90	97.72
1 710.70	16QAM	85.63	H	26.96	4.98	117.57	-95.26	22.31	170.22
1 710.70		85.56	V	26.96	4.98	117.50	-95.26	22.24	167.49
1 745.00		87.44	H	26.82	5.06	119.32	-95.26	24.06	254.68
1 745.00		86.51	V	26.82	5.06	118.39	-95.26	23.13	205.59
1 779.30		86.43	H	26.80	5.09	118.32	-95.26	23.06	202.30
1 779.30		82.46	V	26.80	5.09	114.35	-95.26	19.09	81.10

* 1.4 BW 1 RB size / 0 Offset

LTE band 66/4 (3 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 711.50	QPSK	86.86	H	26.95	4.98	118.79	-95.26	23.53	225.42
1 711.50		86.43	V	26.95	4.98	118.36	-95.26	23.10	204.17
1 745.00		88.18	H	26.82	5.06	120.06	-95.26	24.80	302.00
1 745.00		87.21	V	26.82	5.06	119.09	-95.26	23.83	241.55
1 778.50		87.76	H	26.80	5.09	119.65	-95.26	24.39	274.79
1 778.50		83.77	V	26.80	5.09	115.66	-95.26	20.40	109.65
1 711.50	16QAM	86.03	H	26.95	4.98	117.96	-95.26	22.70	186.21
1 711.50		85.72	V	26.95	4.98	117.65	-95.26	22.39	173.38
1 745.00		87.79	H	26.82	5.06	119.67	-95.26	24.41	276.06
1 745.00		86.61	V	26.82	5.06	118.49	-95.26	23.23	210.38
1 778.50		87.26	H	26.80	5.09	119.15	-95.26	23.89	244.91
1 778.50		83.17	V	26.80	5.09	115.06	-95.26	19.80	95.50

* 3 BW 1 RB size / 0 Offset

LTE band 66/4 (5 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 712.50	QPSK	86.72	H	26.95	4.98	118.65	-95.26	23.39	218.27
1 712.50		86.37	V	26.95	4.98	118.30	-95.26	23.04	201.37
1 745.00		87.99	H	26.82	5.06	119.87	-95.26	24.61	289.07
1 745.00		87.20	V	26.82	5.06	119.08	-95.26	23.82	240.99
1 777.50		87.86	H	26.80	5.09	119.75	-95.26	24.49	281.19
1 777.50		84.00	V	26.80	5.09	115.89	-95.26	20.63	115.61
1 712.50	16QAM	86.15	H	26.95	4.98	118.08	-95.26	22.82	191.43
1 712.50		85.09	V	26.95	4.98	117.02	-95.26	21.76	149.97
1 745.00		87.01	H	26.82	5.06	118.89	-95.26	23.63	230.67
1 745.00		86.39	V	26.82	5.06	118.27	-95.26	23.01	199.99
1 777.50		87.06	H	26.80	5.09	118.95	-95.26	23.69	233.88
1 777.50		83.25	V	26.80	5.09	115.14	-95.26	19.88	97.27

* 5 BW 1 RB size / 0 Offset

LTE band 66/4 (10 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 715.00	QPSK	86.71	H	26.94	4.99	118.64	-95.26	23.38	217.77
1 715.00		85.88	V	26.94	4.99	117.81	-95.26	22.55	179.89
1 745.00		87.33	H	26.82	5.06	119.21	-95.26	23.95	248.31
1 745.00		86.90	V	26.82	5.06	118.78	-95.26	23.52	224.91
1 775.00		87.18	H	26.80	5.08	119.06	-95.26	23.80	239.88
1 775.00		84.39	V	26.80	5.08	116.27	-95.26	21.01	126.18
1 715.00	16QAM	85.76	H	26.94	4.99	117.69	-95.26	22.43	174.98
1 715.00		85.12	V	26.94	4.99	117.05	-95.26	21.79	151.01
1 745.00		85.94	H	26.82	5.06	117.82	-95.26	22.56	180.30
1 745.00		86.24	V	26.82	5.06	118.12	-95.26	22.86	193.20
1 775.00		86.70	H	26.80	5.08	118.58	-95.26	23.32	214.78
1 775.00		83.77	V	26.80	5.08	115.65	-95.26	20.39	109.40

* 10 BW 1 RB size / 0 Offset

LTE band 66/4 (15 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 717.50	QPSK	86.95	H	26.93	4.99	118.87	-95.26	23.61	229.61
1 717.50		86.57	V	26.93	4.99	118.49	-95.26	23.23	210.38
1 745.00		86.91	H	26.82	5.06	118.79	-95.26	23.53	225.42
1 745.00		87.22	V	26.82	5.06	119.10	-95.26	23.84	242.10
1 772.50		86.73	H	26.80	5.08	118.61	-95.26	23.35	216.27
1 772.50		84.65	V	26.80	5.08	116.53	-95.26	21.27	133.97
1 717.50	16QAM	85.91	H	26.93	4.99	117.83	-95.26	22.57	180.72
1 717.50		85.79	V	26.93	4.99	117.71	-95.26	22.45	175.79
1 745.00		86.07	H	26.82	5.06	117.95	-95.26	22.69	185.78
1 745.00		86.39	V	26.82	5.06	118.27	-95.26	23.01	199.99
1 772.50		86.02	H	26.80	5.08	117.90	-95.26	22.64	183.65
1 772.50		83.98	V	26.80	5.08	115.86	-95.26	20.60	114.82

* 15 BW 1 RB size / 0 Offset

LTE band 66/4 (20 MHz)

Frequency (MHz)	Mode	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P.	
								(dB m)	(mW)
1 720.00	QPSK	86.85	H	26.92	5.00	118.77	-95.26	23.51	224.39
1 720.00		86.19	V	26.92	5.00	118.11	-95.26	22.85	192.75
1 745.00		86.91	H	26.82	5.06	118.79	-95.26	23.53	225.42
1 745.00		87.59	V	26.82	5.06	119.47	-95.26	24.21	263.63
1 770.00		87.23	H	26.80	5.08	119.11	-95.26	23.85	242.66
1 770.00		85.71	V	26.80	5.08	117.59	-95.26	22.33	171.00
1 720.00	16QAM	85.99	H	26.92	5.00	117.91	-95.26	22.65	184.08
1 720.00		85.15	V	26.92	5.00	117.07	-95.26	21.81	151.71
1 745.00		85.88	H	26.82	5.06	117.76	-95.26	22.50	177.83
1 745.00		86.77	V	26.82	5.06	118.65	-95.26	23.39	218.27
1 770.00		86.26	H	26.80	5.08	118.14	-95.26	22.88	194.09
1 770.00		84.82	V	26.80	5.08	116.70	-95.26	21.44	139.32

* 20 BW 1 RB size / 0 Offset

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. E (dB μ V/m) = Measured Level (dB μ V) + Antenna Factor (dB/m) + Cable Loss (dB).
3. E.I.R.P. (dB m) = E (dB μ V/m) + CF (dB).
4. E.R.P. (dB m) = E (dB μ V/m) + CF (dB) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.
5. CF (dB) = 20 log D - 104.8; where D is the measurement distance in meters, According to KDB 971168 D01 v03r01 5.8.4.

2.5. Spurious radiated emission

LTE band 5 (1.4 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (824.7 MHz)									
1 648.49	60.89	H	25.78	-40.48	46.19	-97.41	-51.22	-13	-38.22
1 648.35	49.11	V	25.77	-40.48	34.40	-97.41	-63.01	-13	-50.01
Middle Channel (836.5 MHz)									
1 672.14	61.46	H	26.33	-40.41	47.38	-97.41	-50.03	-13	-37.03
1 672.01	48.85	V	26.33	-40.41	34.77	-97.41	-62.64	-13	-49.64
High Channel (848.3 MHz)									
1 695.70	59.17	H	26.90	-40.39	45.68	-97.41	-51.73	-13	-38.73
1 695.57	48.83	V	26.89	-40.39	35.33	-97.41	-62.08	-13	-49.08

* 1.4 BW 1 RB size / 0 Offset

LTE band 5 (3 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (825.5 MHz)									
1 648.59	60.79	H	25.78	-40.48	46.09	-97.41	-51.32	-13	-38.32
1 648.12	48.83	V	25.77	-40.48	34.12	-97.41	-63.29	-13	-50.29
Middle Channel (836.5 MHz)									
1 670.49	61.69	H	26.29	-40.42	47.56	-97.41	-49.85	-13	-36.85
1 670.53	49.11	V	26.29	-40.42	34.98	-97.41	-62.43	-13	-49.43
High Channel (847.5 MHz)									
1 692.49	59.30	H	26.82	-40.39	45.73	-97.41	-51.68	-13	-38.68
1 691.98	48.10	V	26.81	-40.39	34.52	-97.41	-62.89	-13	-49.89

* 3 BW 1 RB size / 0 Offset

LTE band 5 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (826.5 MHz)									
1 648.59	60.76	H	25.78	-40.48	46.06	-97.41	-51.35	-13	-38.35
1 648.62	49.03	V	25.78	-40.48	34.33	-97.41	-63.08	-13	-50.08
Middle Channel (836.5 MHz)									
1 668.66	61.58	H	26.25	-40.43	47.40	-97.41	-50.01	-13	-37.01
1 668.12	48.36	V	26.23	-40.43	34.16	-97.41	-63.25	-13	-50.25
High Channel (846.5 MHz)									
1 688.79	59.42	H	26.73	-40.40	45.75	-97.41	-51.66	-13	-38.66
1 688.53	48.33	V	26.72	-40.40	34.65	-97.41	-62.76	-13	-49.76

* 5 BW 1 RB size / 0 Offset

LTE band 5 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (829.0 MHz)									
1 649.19	60.92	H	25.79	-40.47	46.24	-97.41	-51.17	-13	-38.17
1 649.02	48.63	V	25.78	-40.48	33.93	-97.41	-63.48	-13	-50.48
Middle Channel (836.5 MHz)									
1 664.24	61.60	H	26.14	-40.44	47.30	-97.41	-50.11	-13	-37.11
1 664.10	48.11	V	26.14	-40.44	33.81	-97.41	-63.60	-13	-50.60
High Channel (844.0 MHz)									
1 679.24	61.08	H	26.50	-40.41	47.17	-97.41	-50.24	-13	-37.24
1 679.11	48.73	V	26.50	-40.41	34.82	-97.41	-62.59	-13	-49.59

* 10 BW 1 RB size / 0 Offset

LTE band 12 (1.4 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (699.7 MHz)									
1 398.62	48.64	H	24.90	-41.03	32.51	-97.41	-64.90	-13	-51.90
1 398.21	48.40	V	24.90	-41.03	32.27	-97.41	-65.14	-13	-52.14
Middle Channel (707.5 MHz)									
1 414.22	50.92	H	24.99	-40.97	34.94	-97.41	-62.47	-13	-49.47
1 414.20	50.09	V	24.99	-40.97	34.11	-97.41	-63.30	-13	-50.30
High Channel (715.3 MHz)									
1 429.74	50.91	H	25.08	-40.92	35.07	-97.41	-62.34	-13	-49.34
1 429.67	48.80	V	25.08	-40.92	32.96	-97.41	-64.45	-13	-51.45

* 1.4 BW 1 RB size / 0 Offset

LTE band 12 (3 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (700.5 MHz)									
1 398.72	48.67	H	24.90	-41.03	32.54	-97.41	-64.87	-13	-51.87
1 398.66	48.11	V	24.90	-41.03	31.98	-97.41	-65.43	-13	-52.43
Middle Channel (707.5 MHz)									
1 412.62	50.68	H	24.98	-40.98	34.68	-97.41	-62.73	-13	-49.73
1 412.66	50.02	V	24.98	-40.98	34.02	-97.41	-63.39	-13	-50.39
High Channel (714.5 MHz)									
1 426.40	49.79	H	25.06	-40.93	33.92	-97.41	-63.49	-13	-50.49
1 426.34	49.42	V	25.06	-40.93	33.55	-97.41	-63.86	-13	-50.86

* 3 BW 1 RB size / 0 Offset

LTE band 12 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (701.5 MHz)									
1 398.66	48.41	H	24.90	-41.03	32.28	-97.41	-65.13	-13	-52.13
1 398.64	47.78	V	24.90	-41.03	31.65	-97.41	-65.76	-13	-52.76
Middle Channel (707.5 MHz)									
1 410.70	51.85	H	24.96	-40.99	35.82	-97.41	-61.59	-13	-48.59
1 410.70	50.04	V	24.96	-40.99	34.01	-97.41	-63.40	-13	-50.40
High Channel (713.5 MHz)									
1 423.12	46.30	H	25.04	-40.94	30.40	-97.41	-67.01	-13	-54.01
1 422.80	49.24	V	25.04	-40.94	33.34	-97.41	-64.07	-13	-51.07

* 5 BW 1 RB size / 0 Offset

LTE band 12 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (704.0 MHz)									
1 399.22	48.98	H	24.90	-41.03	32.85	-97.41	-64.56	-13	-51.56
1 399.00	47.05	V	24.90	-41.03	30.92	-97.41	-66.49	-13	-53.49
Middle Channel (707.5 MHz)									
1 406.28	51.19	H	24.94	-41.00	35.13	-97.41	-62.28	-13	-49.28
1 406.50	49.24	V	24.94	-41.00	33.18	-97.41	-64.23	-13	-51.23
High Channel (711.0 MHz)									
1 413.24	50.96	H	24.98	-40.98	34.96	-97.41	-62.45	-13	-49.45
1 413.20	50.22	V	24.98	-40.98	34.22	-97.41	-63.19	-13	-50.19

* 10 BW 1 RB size / 0 Offset

LTE band 13 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (779.5 MHz)									
1 554.68	69.19	H	25.09	-40.72	53.56	-97.41	-43.85	-13	-30.85
1 554.80	46.43	V	25.09	-40.72	30.80	-97.41	-66.61	-13	-53.61
2 332.08	64.23	H	27.87	-36.83	55.27	-97.41	-42.14	-13	-29.14
Middle Channel (782.0 MHz)									
1 559.70	68.74	H	25.08	-40.71	53.11	-97.41	-44.30	-13	-31.30
1 559.76	50.90	V	25.08	-40.71	35.27	-97.41	-62.14	-13	-49.14
2 339.62	62.77	H	27.84	-37.06	53.55	-97.41	-43.86	-13	-30.86
High Channel (784.5 MHz)									
1 564.76	66.41	H	25.07	-40.69	50.79	-97.41	-46.62	-13	-33.62
1 564.44	50.53	V	25.07	-40.70	34.90	-97.41	-62.51	-13	-49.51
2 346.92	57.64	H	27.81	-37.29	48.16	-97.41	-49.25	-13	-36.25

* 5 BW 1 RB size / 0 Offset

LTE band 13 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Middle Channel (782.0 MHz)									
1 555.30	69.17	H	25.09	-40.72	53.54	-97.41	-43.87	-13	-30.87
1 555.60	46.43	V	25.09	-40.72	30.80	-97.41	-66.61	-13	-53.61
2 332.78	64.26	H	27.87	-36.85	55.28	-97.41	-42.13	-13	-29.13

* 10 BW 1 RB size / 0 Offset

LTE band 25/2 (1.4 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 850.7 MHz)									
3 700.32	49.22	H	32.30	-37.12	44.40	-95.26	-50.86	-13	-37.86
3 700.52	48.14	V	32.30	-37.12	43.32	-95.26	-51.94	-13	-38.94
Middle Channel (1 882.5 MHz)									
3 764.07	53.12	H	32.23	-36.89	48.46	-95.26	-46.80	-13	-33.80
3 764.23	51.03	V	32.23	-36.89	46.37	-95.26	-48.89	-13	-35.89
High Channel (1 914.3 MHz)									
3 827.66	53.40	H	32.30	-36.93	48.77	-95.26	-46.49	-13	-33.49
3 827.82	50.73	V	32.30	-36.93	46.10	-95.26	-49.16	-13	-36.16

* 1.4 BW 1 RB size / 0 Offset

LTE band 25/2 (3 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 851.5 MHz)									
3 700.68	49.39	H	32.30	-37.12	44.57	-95.26	-50.69	-13	-37.69
3 700.44	48.45	V	32.30	-37.12	43.63	-95.26	-51.63	-13	-38.63
Middle Channel (1 882.5 MHz)									
3 762.60	52.58	H	32.23	-36.89	47.92	-95.26	-47.34	-13	-34.34
3 762.40	50.57	V	32.22	-36.89	45.90	-95.26	-49.36	-13	-36.36
High Channel (1 913.5 MHz)									
3 824.28	52.55	H	32.30	-36.93	47.92	-95.26	-47.34	-13	-34.34
3 824.72	50.36	V	32.30	-36.93	45.73	-95.26	-49.53	-13	-36.53

* 3 BW 1 RB size / 0 Offset

LTE band 25/2 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 852.5 MHz)									
3 700.76	50.38	H	32.30	-37.12	45.56	-95.26	-49.70	-13	-36.70
3 700.88	48.22	V	32.30	-37.11	43.41	-95.26	-51.85	-13	-38.85
Middle Channel (1 882.5 MHz)									
3 760.62	52.29	H	32.22	-36.89	47.62	-95.26	-47.64	-13	-34.64
3 760.64	50.39	V	32.22	-36.89	45.72	-95.26	-49.54	-13	-36.54
High Channel (1 912.5 MHz)									
3 820.80	51.91	H	32.30	-36.94	47.27	-95.26	-47.99	-13	-34.99
3 820.50	50.20	V	32.30	-36.94	45.56	-95.26	-49.70	-13	-36.70

* 5 BW 1 RB size / 0 Offset

LTE band 25/2 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 855.0 MHz)									
3 701.34	49.20	H	32.30	-37.11	44.39	-95.26	-50.87	-13	-37.87
3 701.16	48.31	V	32.30	-37.11	43.50	-95.26	-51.76	-13	-38.76
Middle Channel (1 882.5 MHz)									
3 756.12	51.93	H	32.21	-36.90	47.24	-95.26	-48.02	-13	-35.02
3 756.28	51.04	V	32.21	-36.89	46.36	-95.26	-48.90	-13	-35.90
High Channel (1 910.0 MHz)									
3 811.16	51.79	H	32.30	-36.97	47.12	-95.26	-48.14	-13	-35.14
3 811.12	49.61	V	32.30	-36.97	44.94	-95.26	-50.32	-13	-37.32

* 10 BW 1 RB size / 0 Offset

LTE band 25/2 (15 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 857.5 MHz)									
3 701.86	49.63	H	32.30	-37.11	44.82	-95.26	-50.44	-13	-37.44
3 701.64	48.96	V	32.30	-37.11	44.15	-95.26	-51.11	-13	-38.11
Middle Channel (1 882.5 MHz)									
3 751.50	51.37	H	32.20	-36.90	46.67	-95.26	-48.59	-13	-35.59
3 751.66	50.46	V	32.20	-36.90	45.76	-95.26	-49.50	-13	-36.50
High Channel (1 907.5 MHz)									
3 801.68	51.54	H	32.30	-36.99	46.85	-95.26	-48.41	-13	-35.41
3 801.70	49.45	V	32.30	-36.99	44.76	-95.26	-50.50	-13	-37.50

* 15 BW 1 RB size / 0 Offset

LTE band 25/2 (20 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 860.0 MHz)									
3 702.14	49.63	H	32.30	-37.11	44.82	-95.26	-50.44	-13	-37.44
3 702.02	48.50	V	32.30	-37.11	43.69	-95.26	-51.57	-13	-38.57
Middle Channel (1 882.5 MHz)									
3 747.18	50.65	H	32.21	-36.90	45.96	-95.26	-49.30	-13	-36.30
3 747.23	49.32	V	32.21	-36.90	44.63	-95.26	-50.63	-13	-37.63
High Channel (1 905.0 MHz)									
3 792.22	51.35	H	32.28	-36.97	46.66	-95.26	-48.60	-13	-35.60
3 792.12	49.58	V	32.28	-36.97	44.89	-95.26	-50.37	-13	-37.37

* 20 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (1.4 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (824.7 MHz)									
1 648.11	57.13	H	25.77	-40.48	42.42	-97.41	-54.99	-13	-41.99
1 648.72	46.22	V	25.78	-40.48	31.52	-97.41	-65.89	-13	-52.89
Middle Channel (836.5 MHz)									
1 672.05	58.23	H	26.33	-40.41	44.15	-97.41	-53.26	-13	-40.26
1 672.20	46.13	V	26.33	-40.41	32.05	-97.41	-65.36	-13	-52.36
High Channel (848.3 MHz)									
1 695.44	57.26	H	26.89	-40.39	43.76	-97.41	-53.65	-13	-40.65
1 695.27	45.23	V	26.89	-40.39	31.73	-97.41	-65.68	-13	-52.68

* 1.4 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (3 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (825.5 MHz)									
1 648.23	58.02	H	25.77	-40.48	43.31	-97.41	-54.10	-13	-41.10
1 648.56	46.16	V	25.78	-40.48	31.46	-97.41	-65.95	-13	-52.95
Middle Channel (836.5 MHz)									
1 670.23	58.78	H	26.29	-40.42	44.65	-97.41	-52.76	-13	-39.76
1 670.10	46.20	V	26.28	-40.42	32.06	-97.41	-65.35	-13	-52.35
High Channel (847.5 MHz)									
1 691.89	57.03	H	26.81	-40.39	43.45	-97.41	-53.96	-13	-40.96
1 692.03	45.11	V	26.81	-40.39	31.53	-97.41	-65.88	-13	-52.88

* 3 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (826.5 MHz)									
1 648.67	57.55	H	25.78	-40.48	42.85	-97.41	-54.56	-13	-41.56
1 648.80	47.01	V	25.78	-40.48	32.31	-97.41	-65.10	-13	-52.10
Middle Channel (836.5 MHz)									
1 668.23	58.31	H	26.24	-40.43	44.12	-97.41	-53.29	-13	-40.29
1 668.36	45.67	V	26.24	-40.43	31.48	-97.41	-65.93	-13	-52.93
High Channel (846.5 MHz)									
1 688.79	57.34	H	26.73	-40.40	43.67	-97.41	-53.74	-13	-40.74
1 688.11	46.11	V	26.71	-40.40	32.42	-97.41	-64.99	-13	-51.99

* 5 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (829.0 MHz)									
1 649.23	57.19	H	25.79	-40.47	42.51	-97.41	-54.90	-13	-41.90
1 649.02	45.32	V	25.78	-40.48	30.62	-97.41	-66.79	-13	-53.79
Middle Channel (836.5 MHz)									
1 664.13	56.98	H	26.14	-40.44	42.68	-97.41	-54.73	-13	-41.73
1 663.89	44.62	V	26.13	-40.44	30.31	-97.41	-67.10	-13	-54.10
High Channel (844.0 MHz)									
1 678.98	58.21	H	26.50	-40.41	44.30	-97.41	-53.11	-13	-40.11
1 675.87	45.83	V	26.42	-40.41	31.84	-97.41	-65.57	-13	-52.57

* 10 BW 1 RB size / 0 Offset

LTE band 26 - Part 22 (15 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (831.5 MHz)									
1 649.23	57.43	H	25.79	-40.47	42.75	-97.41	-54.66	-13	-41.66
1 649.10	46.31	V	25.79	-40.47	31.63	-97.41	-65.78	-13	-52.78
High Channel (841.5 MHz)									
1 669.43	56.22	H	26.27	-40.43	42.06	-97.41	-55.35	-13	-42.35
1 670.02	45.04	V	26.28	-40.42	30.90	-97.41	-66.51	-13	-53.51

* 15 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (1.4 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (814.7 MHz)									
1 628.13	56.23	H	25.45	-40.59	41.09	-97.41	-56.32	-13	-43.32
1 627.87	43.43	V	25.45	-40.60	28.28	-97.41	-69.13	-13	-56.13
Middle Channel (819.0 MHz)									
1 632.70	56.52	H	25.52	-40.56	41.48	-97.41	-55.93	-13	-42.93
1 636.87	44.65	V	25.59	-40.54	29.70	-97.41	-67.71	-13	-54.71
High Channel (823.3 MHz)									
1 645.52	57.14	H	25.73	-40.49	42.38	-97.41	-55.03	-13	-42.03
1 645.03	46.11	V	25.72	-40.50	31.33	-97.41	-66.08	-13	-53.08

* 1.4 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (3 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (815.5 MHz)									
1 628.52	56.45	H	25.46	-40.59	41.32	-97.41	-56.09	-13	-43.09
1 627.33	45.31	V	25.44	-40.60	30.15	-97.41	-67.26	-13	-54.26
Middle Channel (819.0 MHz)									
1 634.78	57.11	H	25.56	-40.55	42.12	-97.41	-55.29	-13	-42.29
1 635.02	45.03	V	25.56	-40.55	30.04	-97.41	-67.37	-13	-54.37
High Channel (822.5 MHz)									
1 642.03	56.33	H	25.67	-40.51	41.49	-97.41	-55.92	-13	-42.92
1 641.89	45.21	V	25.67	-40.51	30.37	-97.41	-67.04	-13	-54.04

* 3 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (816.5 MHz)									
1 628.70	56.32	H	25.46	-40.59	41.19	-97.41	-56.22	-13	-43.22
1 628.35	44.11	V	25.45	-40.59	28.97	-97.41	-68.44	-13	-55.44
Middle Channel (819.0 MHz)									
1 633.70	57.34	H	25.54	-40.55	42.33	-97.41	-55.08	-13	-42.08
1 633.23	45.42	V	25.53	-40.56	30.39	-97.41	-67.02	-13	-54.02
High Channel (821.5 MHz)									
1 638.70	56.81	H	25.62	-40.53	41.90	-97.41	-55.51	-13	-42.51
1 638.23	46.05	V	25.61	-40.53	31.13	-97.41	-66.28	-13	-53.28

* 5 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Middle Channel (819.0 MHz)									
1 629.14	57.43	H	25.47	-40.59	42.31	-97.41	-55.10	-13	-42.10
1 630.02	45.11	V	25.48	-40.57	30.02	-97.41	-67.39	-13	-54.39

* 10 BW 1 RB size / 0 Offset

LTE band 26 - Part 90 (15 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (821.5 MHz)									
1 629.81	55.43	H	25.48	-40.58	40.33	-97.41	-57.08	-13	-44.08
1 629.78	46.11	V	25.48	-40.59	31.00	-97.41	-66.41	-13	-53.41

* 15 BW 1 RB size / 0 Offset

LTE band 41 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 498.5 MHz)									
4 992.84	49.03	H	33.20	-35.82	46.41	-95.26	-48.85	-25	-23.85
4 992.89	47.04	V	33.20	-35.82	44.42	-95.26	-50.84	-25	-25.84
7 488.92	51.56	H	36.00	-34.74	52.82	-95.26	-42.44	-25	-17.44
7 489.20	53.88	V	36.00	-34.74	55.14	-95.26	-40.12	-25	-15.12
9 985.28	51.65	H	37.67	-32.29	57.03	-95.26	-38.23	-25	-13.23
9 985.18	52.19	V	37.67	-32.29	57.57	-95.26	-37.69	-25	-12.69
Middle Channel (2 593.0 MHz)									
5 181.52	51.74	H	33.56	-35.68	49.62	-95.26	-45.64	-25	-20.64
5 181.80	52.28	V	33.56	-35.68	50.16	-95.26	-45.10	-25	-20.10
7 772.32	46.26	H	36.00	-34.67	47.59	-95.26	-47.67	-25	-22.67
7 772.50	47.81	V	36.00	-34.67	49.14	-95.26	-46.12	-25	-21.12
10 363.32	51.98	H	37.70	-32.00	57.68	-95.26	-37.58	-25	-12.58
10 363.44	52.61	V	37.70	-32.00	58.31	-95.26	-36.95	-25	-11.95
High Channel (2 687.5 MHz)									
5 370.70	61.87	H	33.94	-35.25	60.56	-95.26	-34.70	-25	-9.70
5 370.72	65.44	V	33.94	-35.25	64.13	-95.26	-31.13	-25	-6.13
8 055.80	45.36	H	36.21	-33.97	47.60	-95.26	-47.66	-25	-22.66
8 056.04	55.03	V	36.21	-33.97	57.27	-95.26	-37.99	-25	-12.99
10 741.15	47.16	H	37.88	-31.27	53.77	-95.26	-41.49	-25	-16.49
10 741.44	44.64	V	37.88	-31.27	51.25	-95.26	-44.01	-25	-19.01

* 5 BW 1 RB size / 0 Offset

LTE band 41 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 501.0 MHz)									
5 010.31	47.11	H	33.20	-35.75	44.56	-95.26	-50.70	-25	-25.70
5 010.51	45.08	V	33.20	-35.75	42.53	-95.26	-52.73	-25	-27.73
7 516.11	51.75	H	36.00	-34.68	53.07	-95.26	-42.19	-25	-17.19
7 516.24	55.26	V	36.00	-34.68	56.58	-95.26	-38.68	-25	-13.68
10 021.86	49.01	H	37.70	-32.23	54.48	-95.26	-40.78	-25	-15.78
10 021.46	51.22	V	37.70	-32.23	56.69	-95.26	-38.57	-25	-13.57
Middle Channel (2 593.0 MHz)									
5 194.71	52.36	H	33.59	-35.66	50.29	-95.26	-44.97	-25	-19.97
5 194.80	53.29	V	33.59	-35.66	51.22	-95.26	-44.04	-25	-19.04
7 792.43	45.88	H	36.00	-34.63	47.25	-95.26	-48.01	-25	-23.01
7 791.96	47.86	V	36.00	-34.63	49.23	-95.26	-46.03	-25	-21.03
10 389.75	50.92	H	37.70	-32.04	56.58	-95.26	-38.68	-25	-13.68
10 389.52	51.35	V	37.70	-32.04	57.01	-95.26	-38.25	-25	-13.25
High Channel (2 685.0 MHz)									
5 378.76	62.10	H	33.96	-35.23	60.83	-95.26	-34.43	-25	-9.43
5 378.90	64.03	V	33.96	-35.23	62.76	-95.26	-32.50	-25	-7.50
8 068.27	48.48	H	36.24	-33.99	50.73	-95.26	-44.53	-25	-19.53
8 068.28	58.34	V	36.24	-33.99	60.59	-95.26	-34.67	-25	-9.67
10 757.50	45.10	H	37.93	-31.21	51.82	-95.26	-43.44	-25	-18.44
10 757.64	43.68	V	37.93	-31.21	50.40	-95.26	-44.86	-25	-19.86

* 10 BW 1 RB size / 0 Offset

LTE band 41 (15 MHz – QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 503.5 MHz)									
4 993.52	48.62	H	33.20	-35.82	46.00	-95.26	-49.26	-25	-24.26
4 993.76	47.20	V	33.20	-35.82	44.58	-95.26	-50.68	-25	-25.68
7 490.43	51.85	H	36.00	-34.74	53.11	-95.26	-42.15	-25	-17.15
7 490.40	54.54	V	36.00	-34.74	55.80	-95.26	-39.46	-25	-14.46
9 987.49	51.67	H	37.67	-32.29	57.05	-95.26	-38.21	-25	-13.21
9 987.56	51.30	V	37.68	-32.29	56.69	-95.26	-38.57	-25	-13.57
]Middle Channel (2 593.0 MHz)									
5 172.24	49.98	H	33.54	-35.68	47.84	-95.26	-47.42	-25	-22.42
5 172.62	50.67	V	33.55	-35.68	48.54	-95.26	-46.72	-25	-21.72
7 759.13	45.10	H	36.00	-34.71	46.39	-95.26	-48.87	-25	-23.87
7 759.02	47.42	V	36.00	-34.71	48.71	-95.26	-46.55	-25	-21.55
10 345.19	51.17	H	37.70	-31.97	56.90	-95.26	-38.36	-25	-13.36
10 345.60	51.38	V	37.70	-31.97	57.11	-95.26	-38.15	-25	-13.15
High Channel (2 682.5 MHz)									
5 351.33	61.78	H	33.90	-35.31	60.37	-95.26	-34.89	-25	-9.89
5 351.76	64.01	V	33.90	-35.30	62.61	-95.26	-32.65	-25	-7.65
8 027.55	44.59	H	36.16	-34.05	46.70	-95.26	-48.56	-25	-23.56
8 027.78	51.31	V	36.16	-34.05	53.42	-95.26	-41.84	-25	-16.84
10 703.38	47.54	H	37.81	-31.39	53.96	-95.26	-41.30	-25	-16.30
10 703.44	43.91	V	37.81	-31.39	50.33	-95.26	-44.93	-25	-19.93

* 15 BW 1 RB size / 0 Offset

LTE band 41 (20 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 506.0 MHz)									
4 994.21	49.24	H	33.20	-35.82	46.62	-95.26	-48.64	-25	-23.64
4 994.18	47.62	V	33.20	-35.82	45.00	-95.26	-50.26	-25	-25.26
7 491.46	51.35	H	36.00	-34.75	52.60	-95.26	-42.66	-25	-17.66
7 491.23	54.23	V	36.00	-34.74	55.49	-95.26	-39.77	-25	-14.77
9 988.28	51.64	H	37.68	-32.29	57.03	-95.26	-38.23	-25	-13.23
9 988.20	51.70	V	37.68	-32.29	57.09	-95.26	-38.17	-25	-13.17
Middle Channel (2 593.0 MHz)									
5 167.89	50.13	H	33.54	-35.68	47.99	-95.26	-47.27	-25	-22.27
5 167.94	48.96	V	33.54	-35.68	46.82	-95.26	-48.44	-25	-23.44
7 752.06	44.53	H	36.00	-34.72	45.81	-95.26	-49.45	-25	-24.45
7 752.16	47.16	V	36.00	-34.72	48.44	-95.26	-46.82	-25	-21.82
10 336.33	51.11	H	37.70	-31.95	56.86	-95.26	-38.40	-25	-13.40
10 336.26	51.02	V	37.70	-31.95	56.77	-95.26	-38.49	-25	-13.49
High Channel (2 680.0 MHz)									
5 342.16	62.24	H	33.88	-35.33	60.79	-95.26	-34.47	-25	-9.47
5 342.24	64.97	V	33.88	-35.33	63.52	-95.26	-31.74	-25	-6.74
8 013.19	45.06	H	36.13	-34.12	47.07	-95.26	-48.19	-25	-23.19
8 013.36	51.78	V	36.13	-34.12	53.79	-95.26	-41.47	-25	-16.47
10 684.42	46.96	H	37.80	-31.43	53.33	-95.26	-41.93	-25	-16.93
10 684.56	44.75	V	37.80	-31.43	51.12	-95.26	-44.14	-25	-19.14

* 20 BW 1 RB size / 0 Offset

LTE band 66/4 (1.4 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 710.7 MHz)									
3 420.48	44.62	H	31.02	-37.57	38.07	-95.26	-57.19	-13	-44.19
3 420.54	43.36	V	31.02	-37.57	36.81	-95.26	-58.45	-13	-45.45
Middle Channel (1 745.0 MHz)									
3 489.22	45.25	H	31.20	-37.38	39.07	-95.26	-56.19	-13	-43.19
3 489.91	46.05	V	31.20	-37.38	39.87	-95.26	-55.39	-13	-42.39
High Channel (1 779.3 MHz)									
3 557.60	48.96	H	31.13	-37.20	42.89	-95.26	-52.37	-13	-39.37
3 557.82	46.22	V	31.13	-37.20	40.15	-95.26	-55.11	-13	-42.11

* 1.4 BW 1 RB size / 0 Offset

LTE band 66/4 (3 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 711.5 MHz)									
3 420.46	44.31	H	31.02	-37.57	37.76	-95.26	-57.50	-13	-44.50
3 420.14	44.29	V	31.02	-37.57	37.74	-95.26	-57.52	-13	-44.52
Middle Channel (1 745.0 MHz)									
3 487.34	45.71	H	31.20	-37.37	39.54	-95.26	-55.72	-13	-42.72
3 487.54	46.00	V	31.20	-37.37	39.83	-95.26	-55.43	-13	-42.43
High Channel (1 778.5 MHz)									
3 554.37	48.13	H	31.12	-37.21	42.04	-95.26	-53.22	-13	-40.22
3 554.48	46.29	V	31.12	-37.21	40.20	-95.26	-55.06	-13	-42.06

* 3 BW 1 RB size / 0 Offset

LTE band 66/4 (5 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 712.5 MHz)									
3 421.02	44.41	H	31.03	-37.57	37.87	-95.26	-57.39	-13	-44.39
3 420.82	43.22	V	31.02	-37.57	36.67	-95.26	-58.59	-13	-45.59
Middle Channel (1 745.0 MHz)									
3 485.60	45.72	H	31.20	-37.36	39.56	-95.26	-55.70	-13	-42.70
3 486.58	45.94	V	31.20	-37.37	39.77	-95.26	-55.49	-13	-42.49
High Channel (1 777.5 MHz)									
3 550.68	48.14	H	31.10	-37.22	42.02	-95.26	-53.24	-13	-40.24
3 550.54	47.29	V	31.10	-37.22	41.17	-95.26	-54.09	-13	-41.09

* 5 BW 1 RB size / 0 Offset

LTE band 66/4 (10 MHz - QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 715.0 MHz)									
3 421.62	43.72	H	31.03	-37.56	37.19	-95.26	-58.07	-13	-45.07
3 420.76	43.87	V	31.02	-37.57	37.32	-95.26	-57.94	-13	-44.94
Middle Channel (1 745.0 MHz)									
3 481.24	45.50	H	31.20	-37.36	39.34	-95.26	-55.92	-13	-42.92
3 481.26	45.83	V	31.20	-37.36	39.67	-95.26	-55.59	-13	-42.59
High Channel (1 775.0 MHz)									
3 541.16	46.00	H	31.12	-37.18	39.94	-95.26	-55.32	-13	-42.32
3 541.20	46.30	V	31.12	-37.18	40.24	-95.26	-55.02	-13	-42.02

* 10 BW 1 RB size / 0 Offset

LTE band 66/4 (15 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 717.5 MHz)									
3 422.00	43.80	H	31.03	-37.56	37.27	-95.26	-57.99	-13	-44.99
3 421.64	43.83	V	31.03	-37.56	37.30	-95.26	-57.96	-13	-44.96
Middle Channel (1 745.0 MHz)									
3 476.48	44.52	H	31.20	-37.34	38.38	-95.26	-56.88	-13	-43.88
3 476.70	45.28	V	31.20	-37.35	39.13	-95.26	-56.13	-13	-43.13
High Channel (1 772.5 MHz)									
3 531.42	44.41	H	31.14	-37.13	38.42	-95.26	-56.84	-13	-43.84
3 531.62	46.58	V	31.14	-37.13	40.59	-95.26	-54.67	-13	-41.67

* 15 BW 1 RB size / 0 Offset

LTE band 66/4 (20 MHz - QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 720.0 MHz)									
3 422.36	43.80	H	31.03	-37.56	37.27	-95.26	-57.99	-13	-44.99
3 422.60	43.31	V	31.04	-37.56	36.79	-95.26	-58.47	-13	-45.47
Middle Channel (1 745.0 MHz)									
3 472.22	43.80	H	31.20	-37.36	37.64	-95.26	-57.62	-13	-44.62
3 472.12	45.02	V	31.20	-37.36	38.86	-95.26	-56.40	-13	-43.40
High Channel (1 770.0 MHz)									
3 522.12	44.58	H	31.16	-37.13	38.61	-95.26	-56.65	-13	-43.65
3 522.06	46.45	V	31.16	-37.13	40.48	-95.26	-54.78	-13	-41.78

* 20 BW 1 RB size / 0 Offset

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. E (dBμV/m) = Measured Level (dBμV) + Antenna Factor (dB/m) + AMP (dB) + Cable Loss (dB).
3. E.I.R.P. (dB m) = E (dBμV/m) + CF (dB).
4. E.R.P. (dB m) = E (dBμV/m) + CF (dB) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.
5. CF (dB) = 20 log D - 104.8; where D is the measurement distance in meters, According to KDB 971168 D01 v03r01 5.8.4.
6. The frequency spectrum is examined from 9 kHz to the 10th harmonic of the fundamental frequency of the transmitter. No other spurious and harmonic emissions were reported greater than listed emissions above table.

3. Conducted Output Power

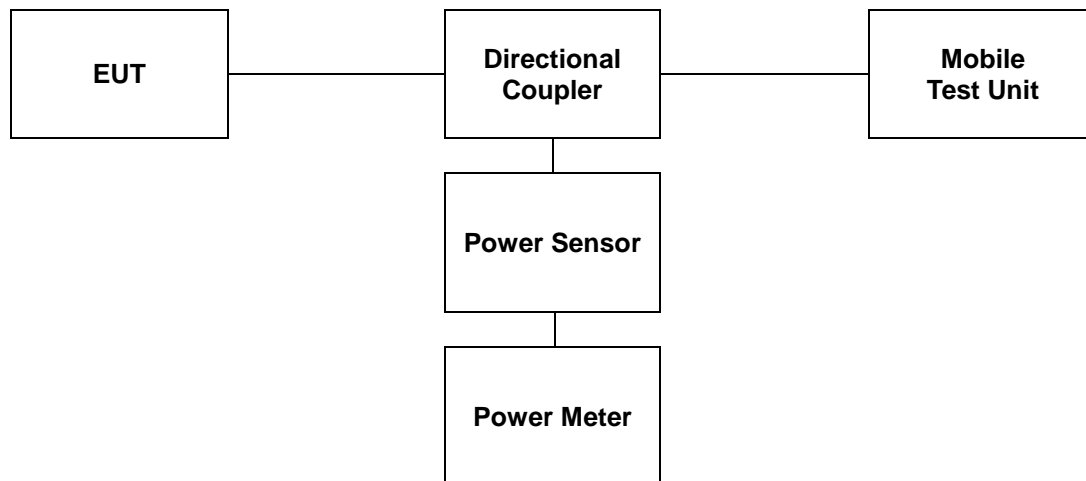
3.1. Limit

CFR 47, Section FCC §2.1046.

3.2. Test Procedure

Output power shall be measured at the RF output terminals for all configurations.

1. The RF output of the transmitter was connected to the input of the mobile test unit in order to establish communication with the EUT.
2. The EUT was set up for the max. output power with pseudo random data modulation by using mobile test unit parameters.
3. The measurement performed using a wideband RF power meter.
4. This EUT was tested under all configurations and the highest power was investigated and reported.



3.3. Test Result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM			
				20407	20525	20643	20407	20525	20643	
				824.7	836.5	848.3	824.7	836.5	848.3	
5	1.4	1	0	24.12	24.16	24.28	23.28	23.19	23.19	
		1	2	24.13	24.23	24.20	23.19	23.13	23.23	
		1	5	24.18	24.18	24.16	23.19	23.27	23.13	
		3	0	23.13	23.14	23.24	22.21	22.10	22.10	
		3	2	23.20	23.22	23.21	22.10	22.23	22.21	
		3	3	23.10	23.23	23.14	22.16	22.15	22.10	
		6	0	23.27	23.12	23.17	22.16	22.17	22.16	
		Bandwidth (MHz)	RB Size	RB Offset	20415	20525	20635	20415	20525	20635
					825.5	836.5	847.5	825.5	836.5	847.5
		3	1	0	24.19	24.20	24.26	23.27	23.13	23.15
			1	7	24.18	24.14	24.15	23.16	23.11	23.23
			1	14	24.19	24.16	24.21	23.14	23.16	23.18
			8	0	23.10	23.28	23.24	22.15	22.24	22.24
			8	4	23.19	23.13	23.26	22.15	22.25	22.28
			8	7	23.13	23.19	23.27	22.16	22.22	22.26
		15	0	23.19	23.14	23.26	22.18	22.15	22.22	
		Bandwidth (MHz)	RB Size	RB Offset	20425	20525	20625	20425	20525	20625
					826.5	836.5	846.5	826.5	836.5	846.5
		5	1	0	24.22	24.21	24.20	23.25	23.22	23.23
			1	12	24.29	24.12	24.11	23.18	23.26	23.27
			1	24	24.24	24.10	24.17	23.10	23.24	23.18
			12	0	23.22	23.26	23.28	22.16	22.27	22.25
			12	6	23.16	23.10	23.13	22.10	22.28	22.26
			12	13	23.22	23.29	23.13	22.23	22.10	22.19
		25	0	23.14	23.15	23.15	22.17	22.25	22.26	
		Bandwidth (MHz)	RB Size	RB Offset	20450	20525	20600	20450	20525	20600
					829.0	836.5	844.0	829.0	836.5	844.0
		10	1	0	24.29	24.38	24.33	23.26	23.24	23.25
			1	25	24.27	24.31	24.23	23.29	23.10	23.10
			1	49	24.30	24.32	24.25	23.15	23.17	23.23
	25		0	23.18	23.28	23.29	22.11	22.24	22.20	
	25		12	23.24	23.25	23.24	22.15	22.27	22.21	
	25		25	23.10	23.24	23.17	22.14	22.21	22.20	
	50	0	23.25	23.17	23.12	22.19	22.18	22.15		

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM		
				23017	23095	23173	23017	23095	23173
				699.7	707.5	715.3	699.7	707.5	715.3
12	1.4	1	0	24.10	24.09	24.05	23.01	22.94	22.99
		1	2	23.96	24.05	24.05	23.06	23.09	22.96
		1	5	23.99	23.95	24.00	23.08	23.03	22.94
		3	0	23.08	23.05	23.02	22.10	21.95	22.08
		3	2	23.09	22.94	22.96	22.03	21.92	22.02
		3	3	22.98	23.06	22.94	21.92	22.03	22.07
		6	0	22.92	22.97	23.02	22.00	22.10	21.95
	Bandwidth (MHz)	RB Size	RB Offset	23025	23095	23165	23025	23095	23165
				700.5	707.5	714.5	700.5	707.5	714.5
	3	1	0	23.92	24.01	24.08	22.98	22.97	23.09
		1	7	23.98	24.04	24.03	22.94	22.98	23.10
		1	14	24.07	24.00	24.09	22.95	23.02	22.99
		8	0	22.94	22.96	22.97	22.06	22.10	22.10
		8	4	23.01	23.09	22.94	22.05	22.04	22.07
		8	7	23.10	22.94	23.05	22.08	21.99	21.98
		15	0	22.93	22.93	23.08	21.99	22.05	21.98
	Bandwidth (MHz)	RB Size	RB Offset	23035	23095	23155	23035	23095	23155
				701.5	707.5	713.5	701.5	707.5	713.5
	5	1	0	23.92	23.99	23.92	23.01	23.04	23.08
		1	12	23.94	23.96	23.92	23.05	23.07	23.07
		1	24	24.00	23.92	23.95	22.93	22.98	23.04
		12	0	23.02	23.07	22.94	22.05	22.05	21.91
		12	6	23.10	23.00	22.94	21.94	22.07	21.98
		12	13	22.91	22.93	22.91	21.93	21.94	22.02
		25	0	23.06	23.08	23.04	21.97	22.02	22.08
	Bandwidth (MHz)	RB Size	RB Offset	23060	23095	23130	23060	23095	23130
				704.0	707.5	711.0	704.0	707.5	711.0
	10	1	0	24.48	24.45	24.23	22.91	23.05	23.08
		1	25	24.20	24.15	24.00	23.08	22.92	22.93
		1	49	24.19	24.22	24.16	23.07	22.94	23.06
25		0	23.07	23.00	23.01	21.93	21.96	21.99	
25		12	23.06	23.06	23.08	22.00	21.96	22.08	
25		25	22.97	23.07	22.98	21.95	22.00	22.06	
50		0	22.91	22.93	23.04	22.00	22.08	22.01	

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM		
				23205	23230	23255	23205	23230	23255
				779.5	782.0	784.5	779.5	782.0	784.5
13	5	1	0	24.16	24.04	24.18	23.18	23.10	23.06
		1	12	24.07	24.06	24.18	23.20	23.08	23.07
		1	24	24.14	24.13	24.17	23.01	23.04	23.04
		12	0	23.20	23.04	23.15	22.03	22.04	22.17
		12	7	23.17	23.08	23.02	22.05	22.18	22.15
		12	13	23.04	23.04	23.10	22.02	22.07	22.17
		25	0	23.07	23.03	23.15	22.12	22.16	22.09
	Bandwidth (MHz)	RB Size	RB Offset	-	23230	-	-	23230	-
				-	782.0	-	-	782.0	-
	10	1	0	-	24.29	-	-	23.06	-
		1	25	-	24.20	-	-	22.96	-
		1	49	-	24.44	-	-	22.98	-
		25	0	-	24.28	-	-	22.03	-
		25	12	-	24.37	-	-	22.03	-
		25	25	-	24.36	-	-	22.04	-
		50	0	-	24.33	-	-	22.07	-

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM		
				26047	26365	26683	26047	26365	26683
				1850.7	1882.5	1914.3	1850.7	1882.5	1914.3
25/2	1.4	1	0	23.34	23.32	23.39	22.33	22.50	22.38
		1	2	23.48	23.49	23.45	22.46	22.44	22.46
		1	5	23.43	23.36	23.39	22.38	22.47	22.45
		3	0	23.41	23.33	23.43	22.48	22.31	22.50
		3	2	23.49	23.40	23.36	22.39	22.39	22.37
		3	3	23.31	23.43	23.32	22.45	22.43	22.48
	6	0	22.34	22.49	22.45	21.34	21.34	21.43	
	Bandwidth (MHz)	RB Size	RB Offset	26055	26365	26675	26055	26365	26675
				1851.5	1882.5	1913.5	1851.5	1882.5	1913.5
	3	1	0	23.37	23.38	23.34	22.47	22.35	22.42
		1	7	23.50	23.49	23.33	22.50	22.49	22.31
		1	14	23.42	23.39	23.37	22.49	22.42	22.35
		8	0	22.40	22.48	22.37	21.43	21.42	21.42
		8	4	22.37	22.42	22.42	21.46	21.42	21.41
		8	7	22.43	22.34	22.48	21.42	21.31	21.34
	15	0	22.47	22.40	22.38	21.44	21.46	21.35	
	Bandwidth (MHz)	RB Size	RB Offset	26065	26365	26665	26065	26365	26665
				1852.5	1882.5	1912.5	1852.5	1882.5	1912.5
	5	1	0	23.44	23.44	23.37	22.42	22.41	22.34
		1	12	23.46	23.38	23.34	22.33	22.40	22.33
		1	24	23.34	23.38	23.38	22.43	22.44	22.49
		12	0	22.32	22.46	22.41	21.49	21.44	21.33
		12	6	22.39	22.35	22.33	21.38	21.50	21.32
		12	13	22.44	22.36	22.33	21.47	21.48	21.38
	25	0	22.39	22.49	22.43	21.39	21.40	21.35	
	Bandwidth (MHz)	RB Size	RB Offset	26090	26365	26640	26090	26365	26640
				1855.0	1882.5	1910.0	1855.0	1882.5	1910.0
	10	1	0	23.31	23.41	23.44	22.42	22.38	22.46
		1	25	23.49	23.48	23.42	22.50	22.50	22.45
		1	49	23.45	23.45	23.45	22.49	22.39	22.31
		25	0	22.38	22.44	22.42	21.41	21.48	21.49
		25	12	22.37	22.45	22.31	21.41	21.39	21.31
		25	25	22.49	22.48	22.48	21.42	21.32	21.50
	50	0	22.42	22.50	22.36	21.43	21.38	21.50	
	Bandwidth (MHz)	RB Size	RB Offset	26115	26365	26615	26115	26365	26615
				1857.5	1882.5	1907.5	1857.5	1882.5	1907.5
	15	1	0	23.48	23.46	23.38	22.31	22.33	22.49
		1	36	23.48	23.37	23.43	22.40	22.33	22.36
		1	74	23.48	23.32	23.43	22.36	22.46	22.35
		36	0	22.35	22.41	22.40	21.43	21.34	21.44
		36	18	22.39	22.45	22.44	21.35	21.41	21.43
		36	37	22.31	22.48	22.35	21.39	21.47	21.41
75	0	22.37	22.35	22.37	21.36	21.48	21.33		
Bandwidth (MHz)	RB Size	RB Offset	26140	26365	26590	26140	26365	26590	
			1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	
20	1	0	23.48	23.47	23.43	22.36	22.34	22.42	
	1	50	23.32	23.59	23.54	22.49	22.46	22.36	
	1	99	23.46	23.36	23.41	22.49	22.31	22.38	
	50	0	22.39	22.37	22.36	21.41	21.46	21.45	
	50	25	22.42	22.35	22.37	21.48	21.36	21.35	
	50	50	22.50	22.42	22.35	21.46	21.45	21.41	
100	0	22.48	22.36	22.43	21.37	21.42	21.33		

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM		
				26797	26915	27033	26797	26915	27033
				824.7	836.5	848.3	824.7	836.5	848.3
26 (Part 22)	1.4	1	0	21.94	21.98	21.91	21.05	21.16	20.96
		1	2	22.05	22.05	22.00	21.13	21.26	21.01
		1	5	21.99	21.96	21.90	21.10	21.18	20.94
		3	0	21.92	22.02	21.91	21.12	21.01	21.17
		3	2	21.95	22.00	21.90	21.15	21.00	21.18
		3	3	22.00	22.01	21.92	21.18	21.02	21.21
		6	0	21.08	21.04	20.95	20.01	20.06	19.98
	Bandwidth (MHz)	RB Size	RB Offset	26805	26915	27025	26805	26915	27025
				825.5	836.5	847.5	825.5	836.5	847.5
	3	1	0	22.03	22.06	22.02	21.59	21.13	21.21
		1	7	22.08	22.16	22.03	21.66	21.20	21.24
		1	14	22.02	22.09	22.00	21.60	21.12	21.17
		8	0	21.06	21.04	21.01	20.24	20.10	20.00
		8	4	21.10	21.06	21.00	20.25	20.13	19.98
		8	7	21.11	21.10	21.02	20.29	20.15	20.01
		15	0	21.13	21.13	21.04	20.19	20.16	20.01
	Bandwidth (MHz)	RB Size	RB Offset	26815	26915	27015	26815	26915	27015
				826.5	836.5	846.5	826.5	836.5	846.5
	5	1	0	22.03	21.99	21.99	21.42	20.98	21.13
		1	12	22.10	22.12	22.07	21.49	21.05	21.22
		1	24	22.14	22.03	22.05	21.50	21.02	21.29
		12	0	21.09	21.03	20.99	20.11	20.01	19.96
		12	6	21.13	21.05	21.01	20.16	20.06	20.01
		12	13	21.14	21.08	21.03	20.17	20.11	20.03
		25	0	21.11	21.10	20.98	20.11	20.16	20.01
	Bandwidth (MHz)	RB Size	RB Offset	26890	26915	26990	26890	26915	26990
				829.0	836.5	844.0	829.0	836.5	844.0
	10	1	0	22.04	22.00	22.04	21.26	21.68	21.12
		1	25	22.02	21.97	21.96	21.30	21.64	21.09
		1	49	22.01	21.91	21.99	21.28	21.59	20.99
		25	0	20.95	20.95	20.90	20.02	20.00	20.02
		25	12	21.03	20.98	20.95	20.06	20.06	20.06
		25	25	21.08	21.02	21.00	20.11	20.09	20.10
		50	0	21.04	21.04	20.93	20.09	20.06	19.98
	Bandwidth (MHz)	RB Size	RB Offset	26865	-	26965	26865	-	26965
				831.5	-	841.5	831.5	-	841.5
	15	1	0	21.90	-	22.01	21.10	-	21.50
		1	37	21.92	-	21.88	21.16	-	21.41
		1	74	21.84	-	21.86	21.14	-	21.37
		36	0	20.93	-	20.90	19.95	-	19.89
		36	20	20.95	-	20.91	20.01	-	19.91
		36	39	20.98	-	20.93	20.00	-	19.94
75		0	20.89	-	20.88	19.96	-	19.86	

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM		
				26697	26740	26783	26697	26740	26783
				814.7	819.0	823.3	814.7	819.0	823.3
26 (Part 90)	1.4	1	0	21.93	21.91	21.91	21.11	21.04	20.97
		1	2	22.04	22.09	22.04	21.27	21.17	21.09
		1	5	21.96	22.02	21.97	21.18	21.11	21.05
		3	0	22.04	22.02	22.00	21.10	21.19	21.28
		3	2	22.02	22.03	21.99	21.15	21.15	21.30
		3	3	21.99	22.05	21.98	21.06	21.20	21.34
		6	0	21.05	21.10	21.04	20.07	20.03	20.07
	Bandwidth (MHz)	RB Size	RB Offset	26705	26740	26775	26705	26740	26775
				815.5	819.0	822.5	815.5	819.0	822.5
	3	1	0	22.00	22.05	22.08	21.17	21.62	21.19
		1	7	22.11	22.10	22.18	21.32	21.70	21.26
		1	14	22.07	22.08	22.07	21.25	21.65	21.22
		8	0	21.08	21.09	21.14	20.06	20.24	20.17
		8	4	21.10	21.11	21.13	20.08	20.31	20.21
		8	7	21.14	21.13	21.15	20.11	20.32	20.24
		15	0	21.10	21.15	21.20	20.08	20.23	20.22
	Bandwidth (MHz)	RB Size	RB Offset	26715	26740	26765	26715	26740	26765
				816.5	819.0	821.5	816.5	819.0	821.5
	5	1	0	21.94	22.03	22.09	20.89	21.20	21.45
		1	12	22.11	22.15	22.17	21.04	21.28	21.53
		1	24	21.98	22.12	22.09	21.00	21.29	21.51
		12	0	21.01	21.08	21.06	20.05	20.06	20.13
		12	6	21.08	21.14	21.11	20.06	20.13	20.16
		12	13	21.13	21.16	21.13	20.14	20.15	20.21
		25	0	21.09	21.12	21.14	20.17	20.20	20.17
	Bandwidth (MHz)	RB Size	RB Offset	-	26740	-	-	26740	-
				-	819.0	-	-	819.0	-
	10	1	0	-	22.12	-	-	21.71	-
		1	25	-	22.01	-	-	21.65	-
		1	49	-	22.04	-	-	21.67	-
		25	0	-	20.99	-	-	20.04	-
		25	12	-	21.05	-	-	20.15	-
		25	25	-	21.08	-	-	20.17	-
		50	0	-	21.10	-	-	20.12	-
	Bandwidth (MHz)	RB Size	RB Offset	26756	-	-	26756	-	-
				821.5	-	-	821.5	-	-
	15	1	0	21.95	-	-	21.64	-	-
		1	36	21.99	-	-	21.62	-	-
		1	74	22.00	-	-	21.61	-	-
		36	0	20.97	-	-	19.97	-	-
		36	18	21.01	-	-	20.01	-	-
		36	37	21.00	-	-	20.03	-	-
75		0	21.01	-	-	20.05	-	-	

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM		
				39675	40620	41565	39675	40620	41565
				2498.5	2593.0	2687.5	2498.5	2593.0	2687.5
41	5	1	0	23.31	23.21	23.27	22.37	22.21	22.32
		1	12	23.30	23.27	23.34	22.25	22.26	22.38
		1	24	23.22	23.39	23.33	22.36	22.29	22.35
		12	0	22.28	22.39	22.26	21.21	21.36	21.40
		12	6	22.26	22.30	22.40	21.21	21.24	21.28
		12	13	22.40	22.22	22.38	21.31	21.24	21.40
		25	0	22.34	22.37	22.29	21.34	21.38	21.36
	Bandwidth (MHz)	RB Size	RB Offset	39700	40620	41540	39700	40620	41540
				2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
	10	1	0	23.34	23.24	23.27	22.25	22.27	22.36
		1	25	23.38	23.24	23.30	22.40	22.27	22.21
		1	49	23.33	23.35	23.22	22.35	22.22	22.36
		25	0	22.35	22.28	22.29	21.29	21.39	21.37
		25	12	22.34	22.23	22.40	21.28	21.35	21.23
		25	25	22.37	22.35	22.36	21.31	21.38	21.21
		50	0	22.26	22.31	22.36	21.28	21.32	21.34
	Bandwidth (MHz)	RB Size	RB Offset	39725	40620	41515	39725	40620	41515
				2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
	15	1	0	23.29	23.26	23.23	22.32	22.30	22.32
		1	36	23.38	23.22	23.34	22.33	22.25	22.34
		1	74	23.21	23.35	23.24	22.30	22.32	22.23
		36	0	22.24	22.29	22.28	21.36	21.37	21.25
		36	18	22.32	22.34	22.32	21.36	21.31	21.37
		36	37	22.35	22.32	22.38	21.31	21.23	21.30
		75	0	22.39	22.30	22.34	21.35	21.35	21.38
	Bandwidth (MHz)	RB Size	RB Offset	39750	40620	41490	39750	40620	41490
				2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
	20	1	0	24.13	23.64	23.94	22.28	22.23	22.21
		1	50	24.08	23.86	23.97	22.32	22.39	22.24
		1	99	24.06	23.53	23.52	22.24	22.25	22.30
		50	0	22.30	22.27	22.25	21.22	21.28	21.29
		50	25	22.29	22.33	22.32	21.35	21.25	21.27
		50	50	22.28	22.22	22.26	21.33	21.31	21.25
		100	0	22.26	22.36	22.22	21.28	21.27	21.38

Band	Bandwidth (MHz)	RB Size	RB Offset	QPSK			16QAM			
				131979	132322	132665	131979	132322	132665	
				1710.7	1745.0	1779.3	1710.7	1745.0	1779.3	
66/4	1.4	1	0	23.16	23.14	23.28	22.23	22.21	22.25	
		1	2	23.18	23.15	23.15	22.20	22.27	22.19	
		1	5	23.15	23.25	23.29	22.24	22.15	22.22	
		3	0	22.19	22.10	22.21	21.20	21.24	21.27	
		3	2	22.28	22.14	22.23	21.25	21.22	21.12	
		3	3	22.16	22.20	22.20	21.23	21.27	21.16	
		6	0	22.27	22.18	22.24	21.14	21.21	21.21	
		Bandwidth (MHz)	RB Size	RB Offset	131987	132322	132657	131987	132322	132657
					1711.5	1745.0	1778.5	1711.5	1745.0	1778.5
		3	1	0	23.24	23.23	23.27	22.26	22.16	22.27
			1	7	23.19	23.10	23.14	22.13	22.22	22.11
			1	14	23.16	23.23	23.29	22.11	22.28	22.17
			8	0	22.11	22.14	22.23	21.21	21.20	21.23
			8	4	22.29	22.16	22.11	21.15	21.20	21.16
			8	7	22.25	22.22	22.24	21.29	21.22	21.19
		15	0	22.26	22.26	22.19	21.20	21.27	21.11	
		Bandwidth (MHz)	RB Size	RB Offset	131997	132322	132647	131997	132322	132647
					1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
		5	1	0	23.11	23.13	23.13	22.14	22.28	22.20
			1	12	23.13	23.26	23.10	22.24	22.12	22.10
			1	24	23.17	23.17	23.10	22.29	22.25	22.25
			12	0	22.15	22.10	22.26	21.26	21.10	21.27
			12	6	22.23	22.21	22.26	21.10	21.25	21.17
			12	13	22.10	22.20	22.10	21.14	21.24	21.12
		25	0	22.18	22.10	22.11	21.17	21.21	21.27	
		Bandwidth (MHz)	RB Size	RB Offset	132022	132322	132622	132022	132322	132622
					1715.0	1745.0	1775.0	1715.0	1745.0	1775.0
		10	1	0	23.22	23.13	23.15	22.28	22.17	22.15
			1	25	23.23	23.17	23.17	22.11	22.17	22.27
			1	49	23.22	23.25	23.25	22.23	22.17	22.29
			25	0	22.15	22.16	22.24	21.11	21.26	21.21
			25	12	22.18	22.11	22.17	21.21	21.26	21.20
			25	25	22.16	22.11	22.10	21.13	21.11	21.24
		50	0	22.26	22.26	22.21	21.19	21.23	21.13	
		Bandwidth (MHz)	RB Size	RB Offset	132047	132322	132597	132047	132322	132597
					1717.5	1745.0	1772.5	1717.5	1745.0	1772.5
		15	1	0	23.27	23.23	23.25	22.27	22.17	22.12
			1	36	23.12	23.21	23.24	22.28	22.28	22.16
			1	74	23.13	23.20	23.13	22.11	22.28	22.15
			36	0	22.27	22.10	22.14	21.29	21.13	21.14
			36	18	22.25	22.27	22.14	21.13	21.13	21.15
			36	37	22.19	22.29	22.12	21.28	21.24	21.27
		75	0	22.19	22.11	22.14	21.15	21.10	21.23	
		Bandwidth (MHz)	RB Size	RB Offset	132072	132322	132572	132072	132322	132572
					1720.0	1745.0	1770.0	1720.0	1745.0	1770.0
		20	1	0	23.56	23.60	23.54	22.86	22.83	22.86
			1	50	23.42	23.59	23.45	22.94	22.84	22.99
			1	99	23.30	23.43	23.47	22.81	23.00	22.87
	50		0	22.91	22.87	22.83	21.88	21.93	21.90	
	50		25	22.84	22.94	22.86	21.98	21.83	21.88	
	50		50	22.96	22.84	22.93	21.86	21.93	21.86	
	100	0	22.89	22.86	22.82	21.86	21.84	21.87		

4. Occupied Bandwidth

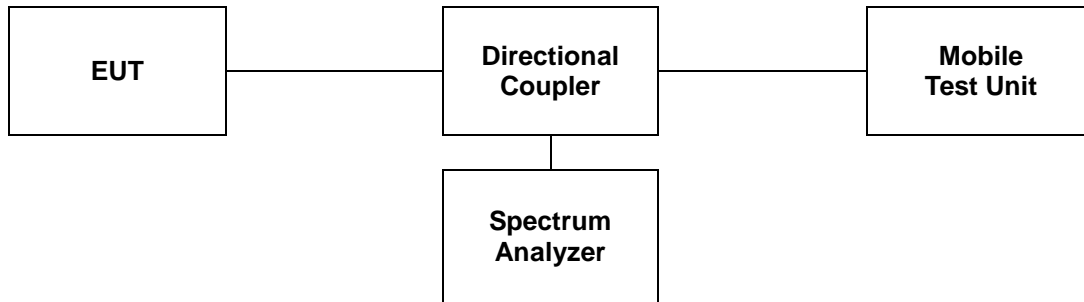
4.1. Limit

CFR 47, Section FCC §2.1049.

4.2. Test Procedure

The test follows section 5.4.4 of ANSI C63.26-2015.

- a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (typically a span of $1.5 \times \text{OBW}$ is sufficient).
- b. The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1 % to 5 % of the anticipated OBW, and the VBW shall be set $\geq 3 \times \text{RBW}$.
- c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
- d. Set the detection mode to peak, and the trace mode to max-hold.
- e. If the instrument does not have a 99 % OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5 % of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5 % of the total is reached and record that frequency as the upper OBW frequency. The 99 % power OBW can be determined by computing the difference these two frequencies.
- f. The OBW shall be reported and plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).



4.3 Test Results

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
5	1.4	836.5	1.098	1.094
	3		2.692	2.683
	5		4.515	4.515
	10		8.973	8.944

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
12	1.4	707.5	1.094	1.094
	3		2.692	2.683
	5		4.501	4.486
	10		8.915	8.915

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
13	5	782.0	4.501	4.486
	10		8.944	8.915

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
25/2	1.4	1 882.5	1.090	1.094
	3		2.692	2.674
	5		4.515	4.501
	10		8.944	8.944
	15		13.502	13.459
	20		17.945	17.887

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
26 (Part 22)	1.4	836.5	1.098	1.098
	3		2.683	2.683
	5		4.530	4.515
	10		8.944	8.944
	15	831.5	13.415	13.502

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
26 (Part 90)	1.4	819.0	1.098	1.090
	3		2.692	2.683
	5		4.515	4.501
	10		8.973	8.944
	15	821.5	13.502	13.459

Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
41	5	2 593.0	4.501	4.501
	10		8.944	8.915
	15		13.502	13.502
	20		17.945	17.887

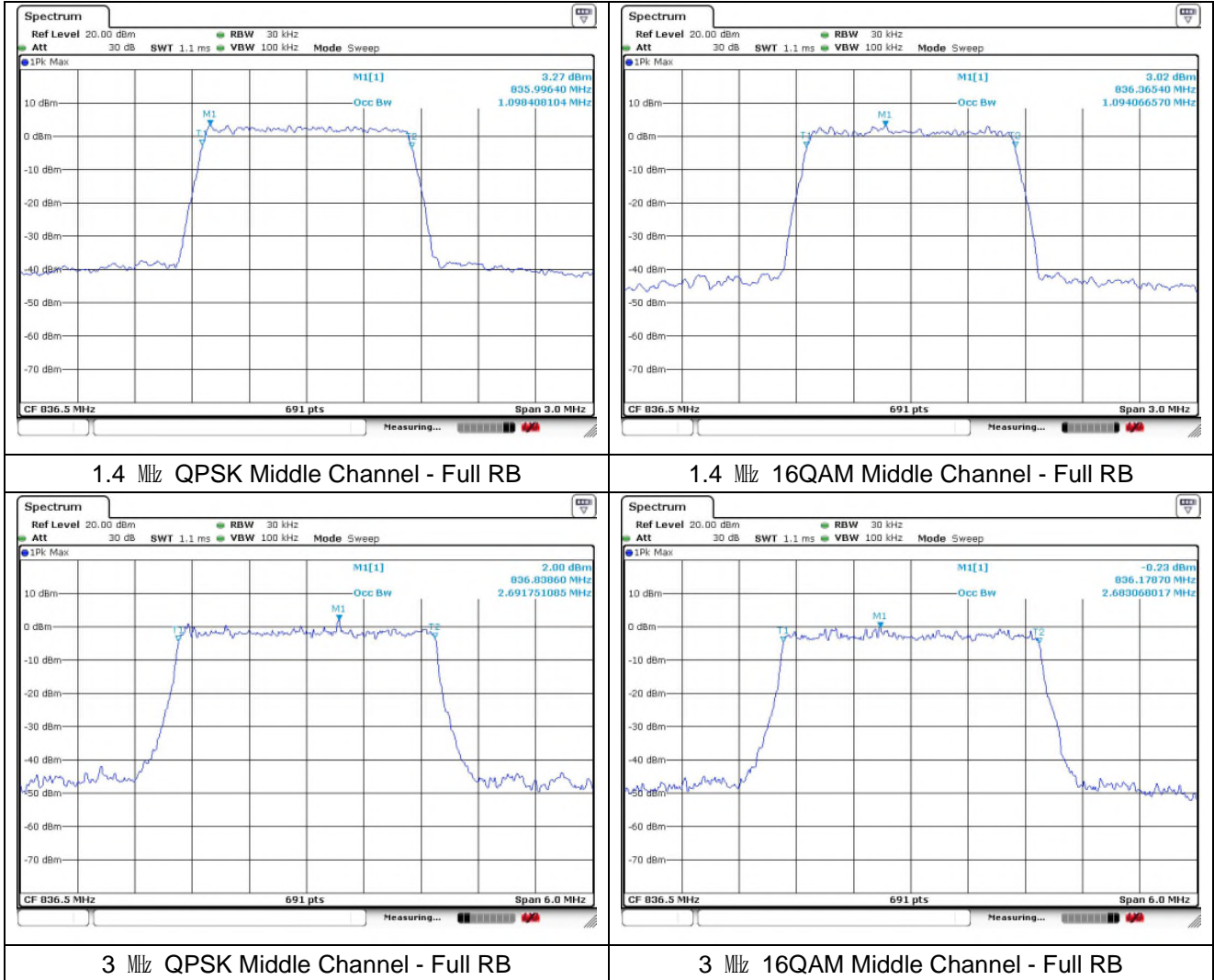
Band	Bandwidth (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)	
			QPSK	16QAM
66/4	1.4	1 745.0	1.098	1.098
	3		2.692	2.683
	5		4.515	4.501
	10		8.944	8.944
	15		13.415	13.415
	20		17.887	17.887

Note;

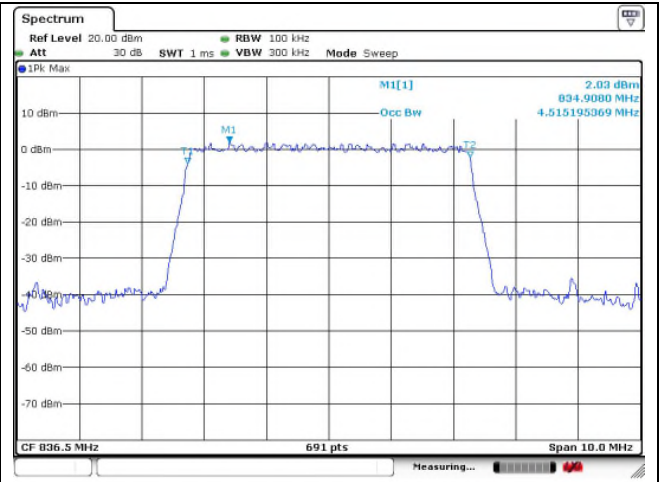
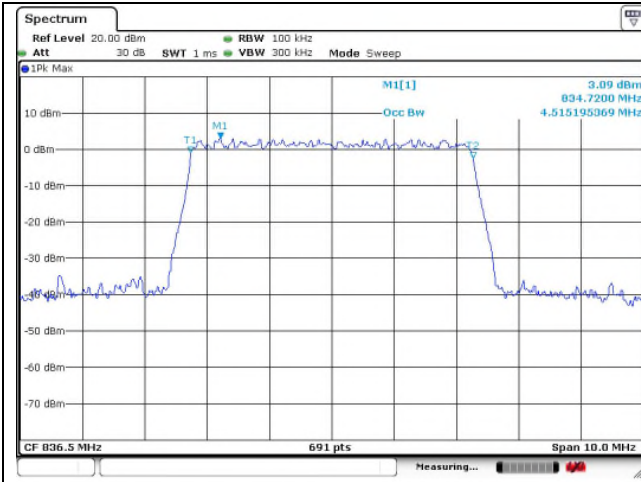
There is no limit required and power is the same for low, middle and high channel; therefore, All channels were tested but only middle channel was reported.

- Test plots

LTE band 5

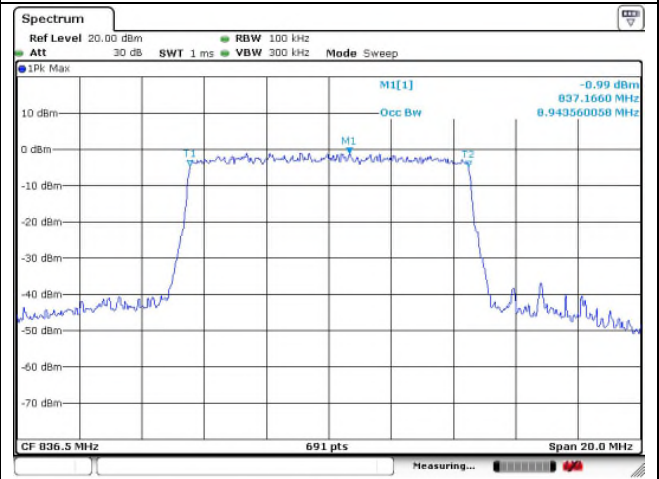
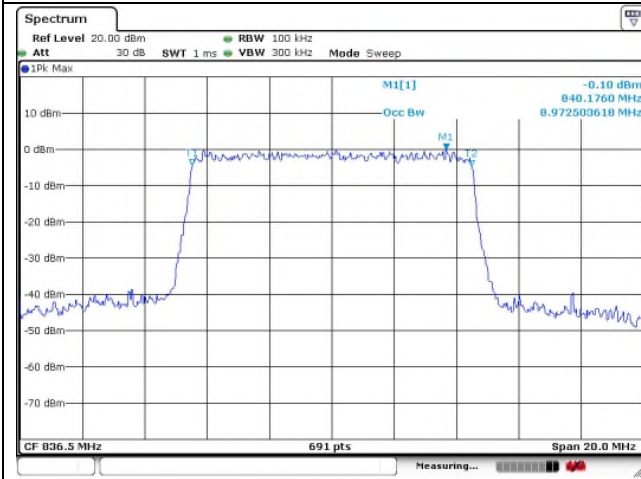


LTE band 5



5 MHz QPSK Middle Channel - Full RB

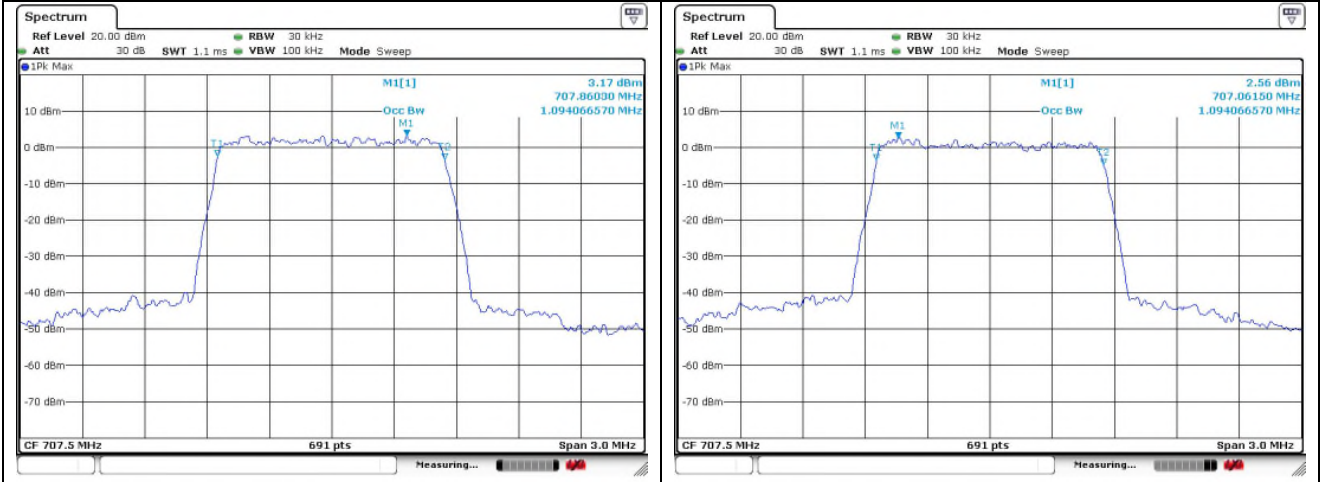
5 MHz 16QAM Middle Channel - Full RB



10 MHz QPSK Middle Channel - Full RB

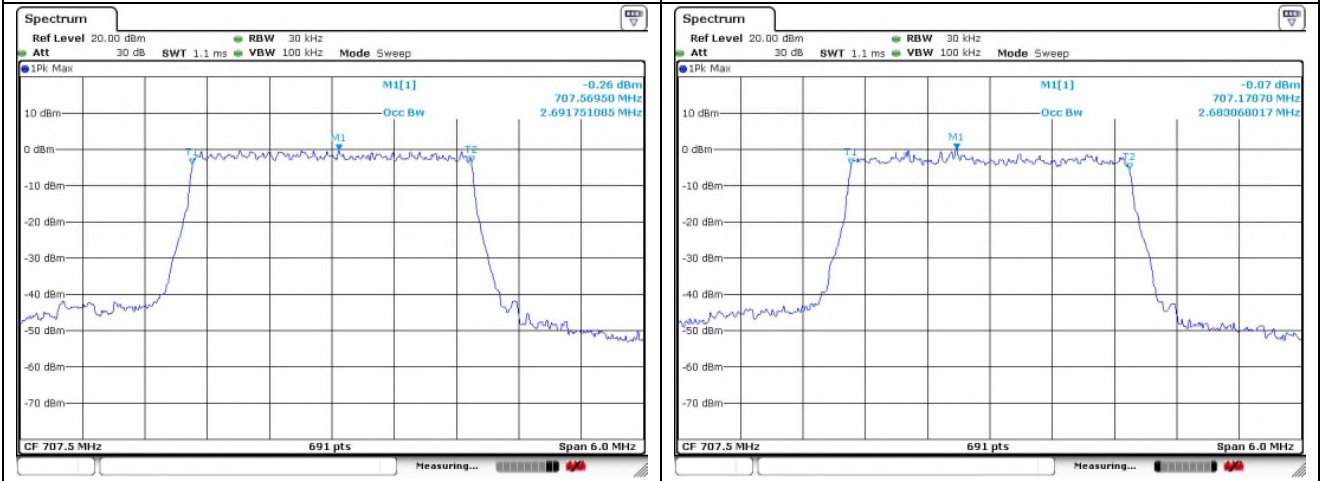
10 MHz 16QAM Middle Channel - Full RB

LTE band 12



1.4 MHz QPSK Middle Channel - Full RB

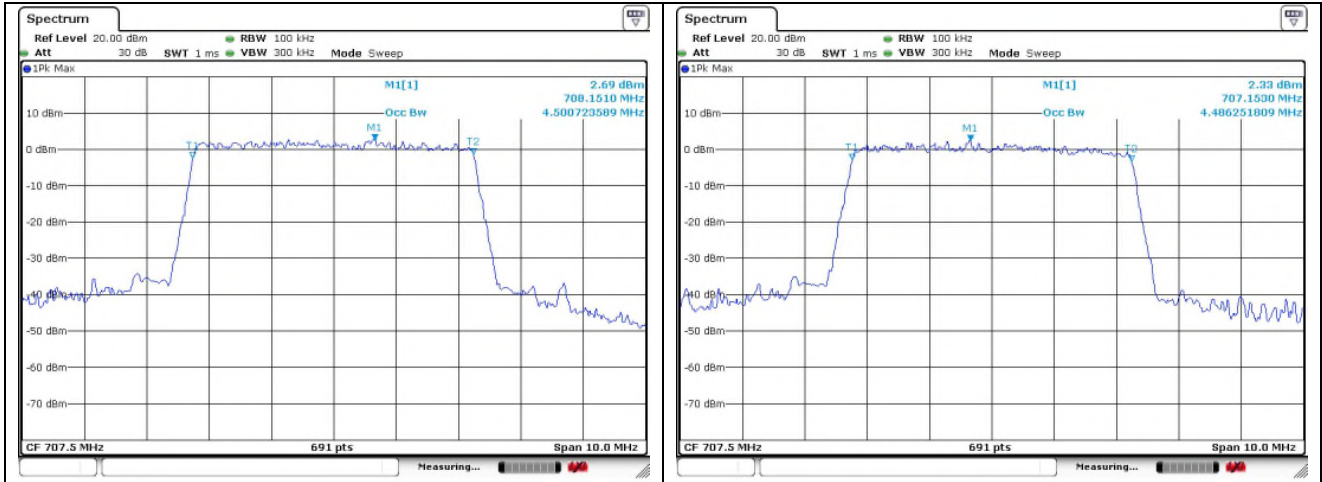
1.4 MHz 16QAM Middle Channel - Full RB



3 MHz QPSK Middle Channel - Full RB

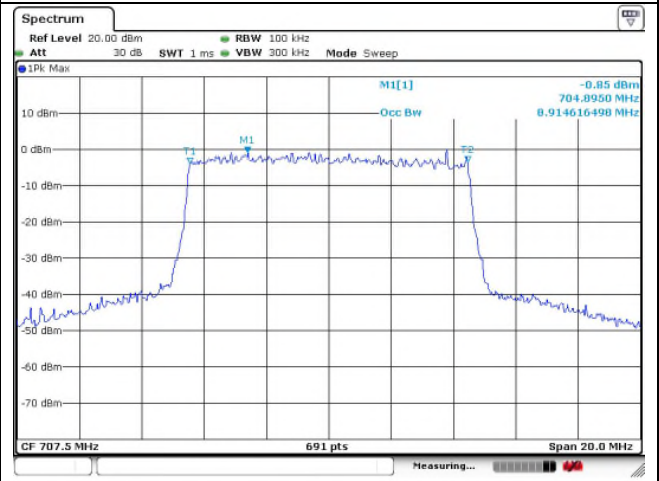
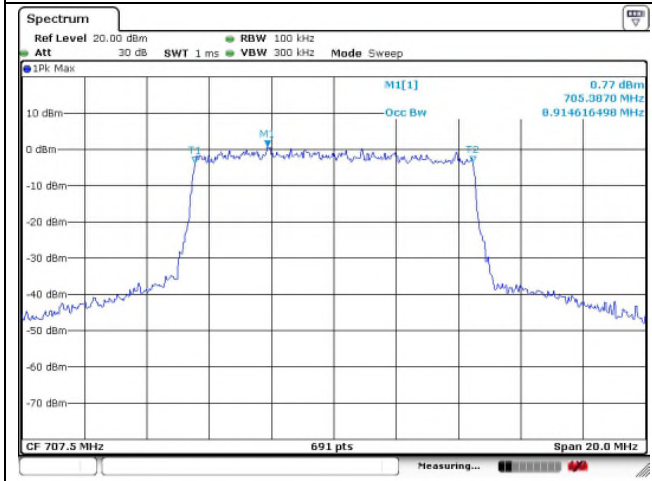
3 MHz 16QAM Middle Channel - Full RB

LTE band 12



5 MHz QPSK Middle Channel - Full RB

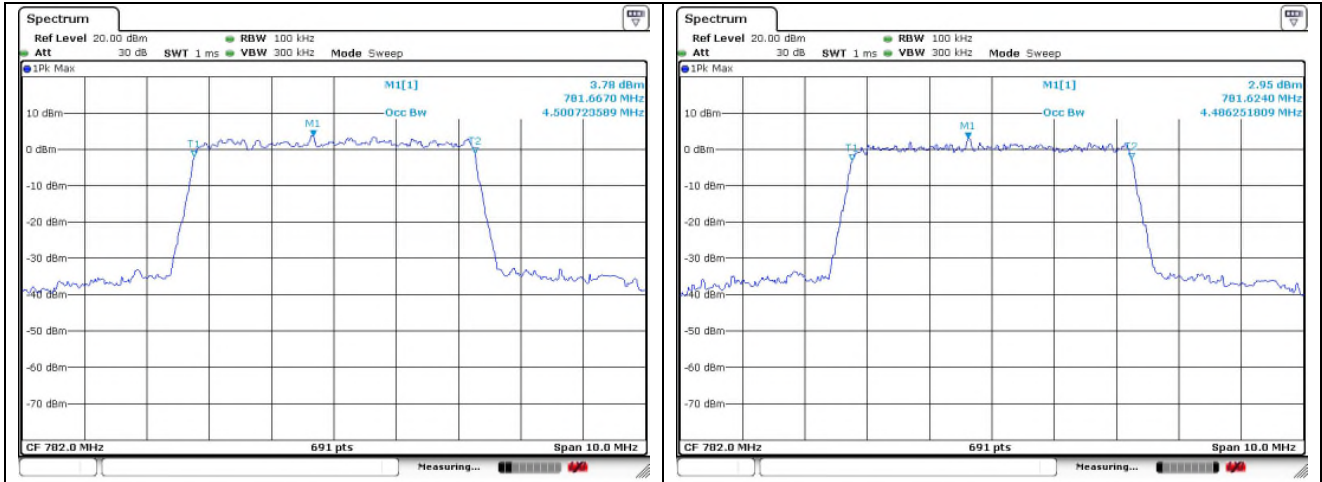
5 MHz 16QAM Middle Channel - Full RB



10 MHz QPSK Middle Channel - Full RB

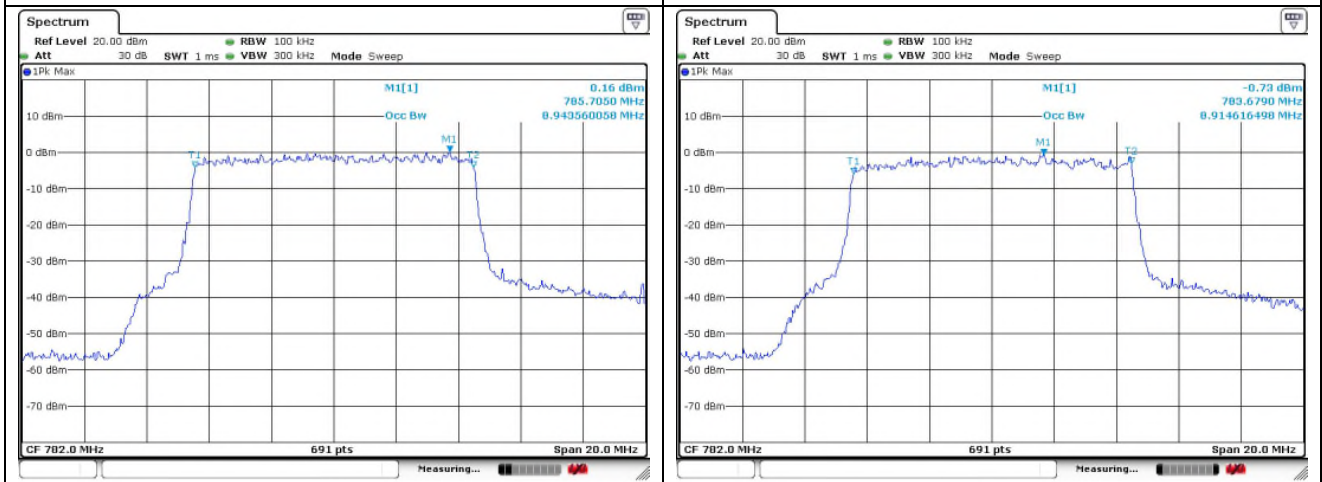
10 MHz 16QAM Middle Channel - Full RB

LTE band 13



5 MHz QPSK Middle Channel - Full RB

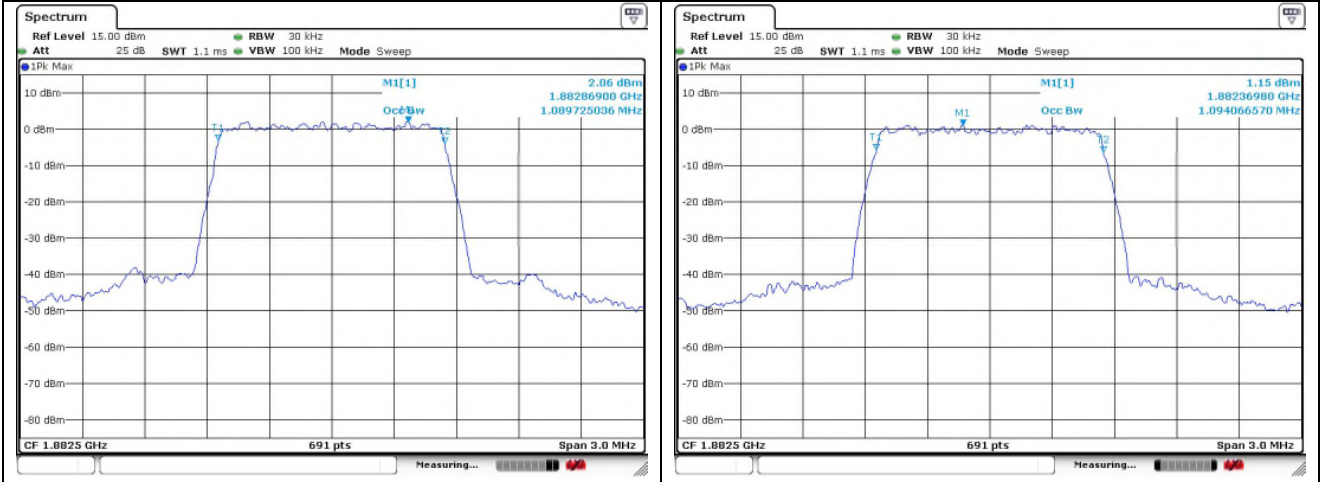
5 MHz 16QAM Middle Channel - Full RB



10 MHz QPSK Middle Channel - Full RB

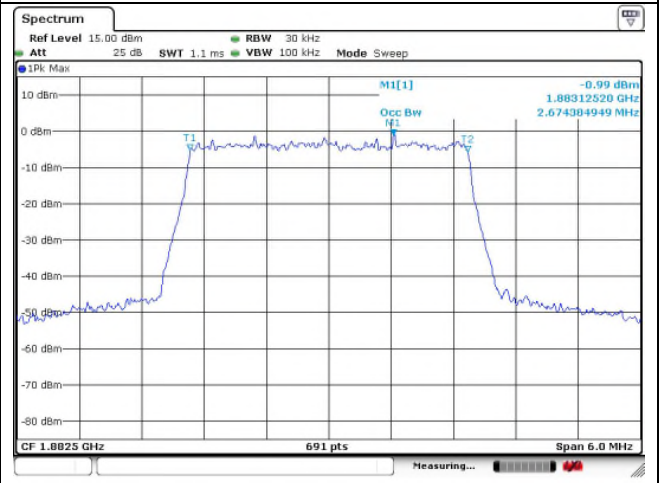
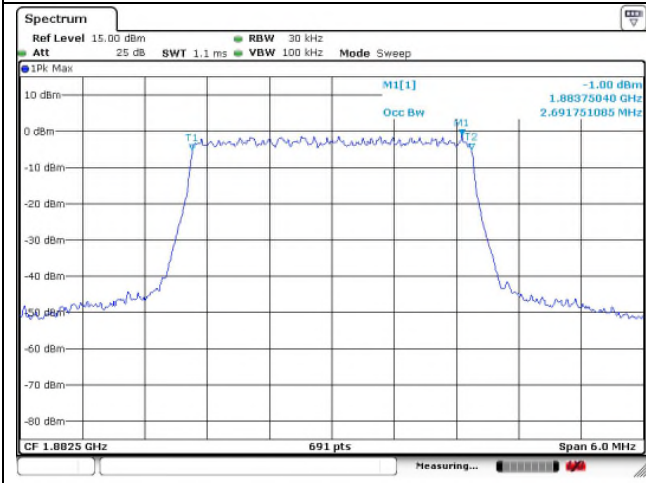
10 MHz 16QAM Middle Channel - Full RB

LTE band 25/2



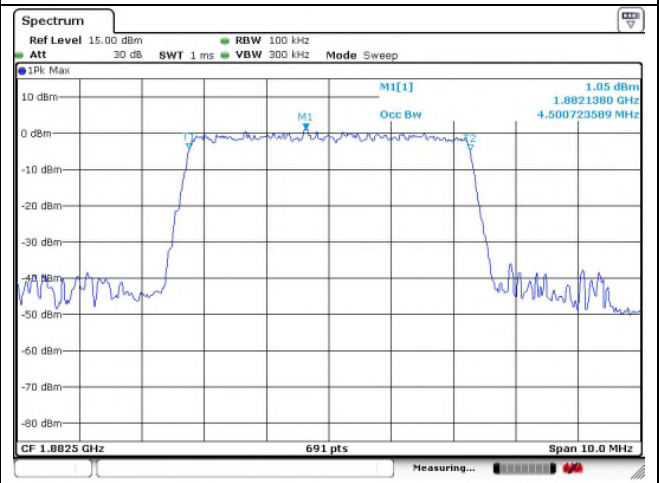
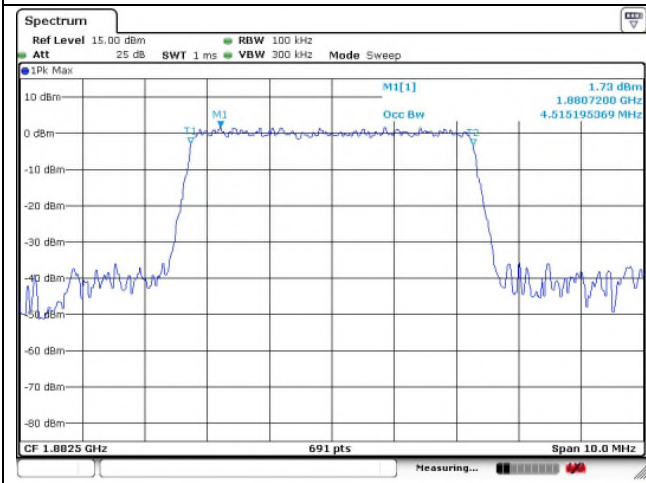
1.4 MHz QPSK Middle Channel - Full RB

1.4 MHz 16QAM Middle Channel - Full RB



3 MHz QPSK Middle Channel - Full RB

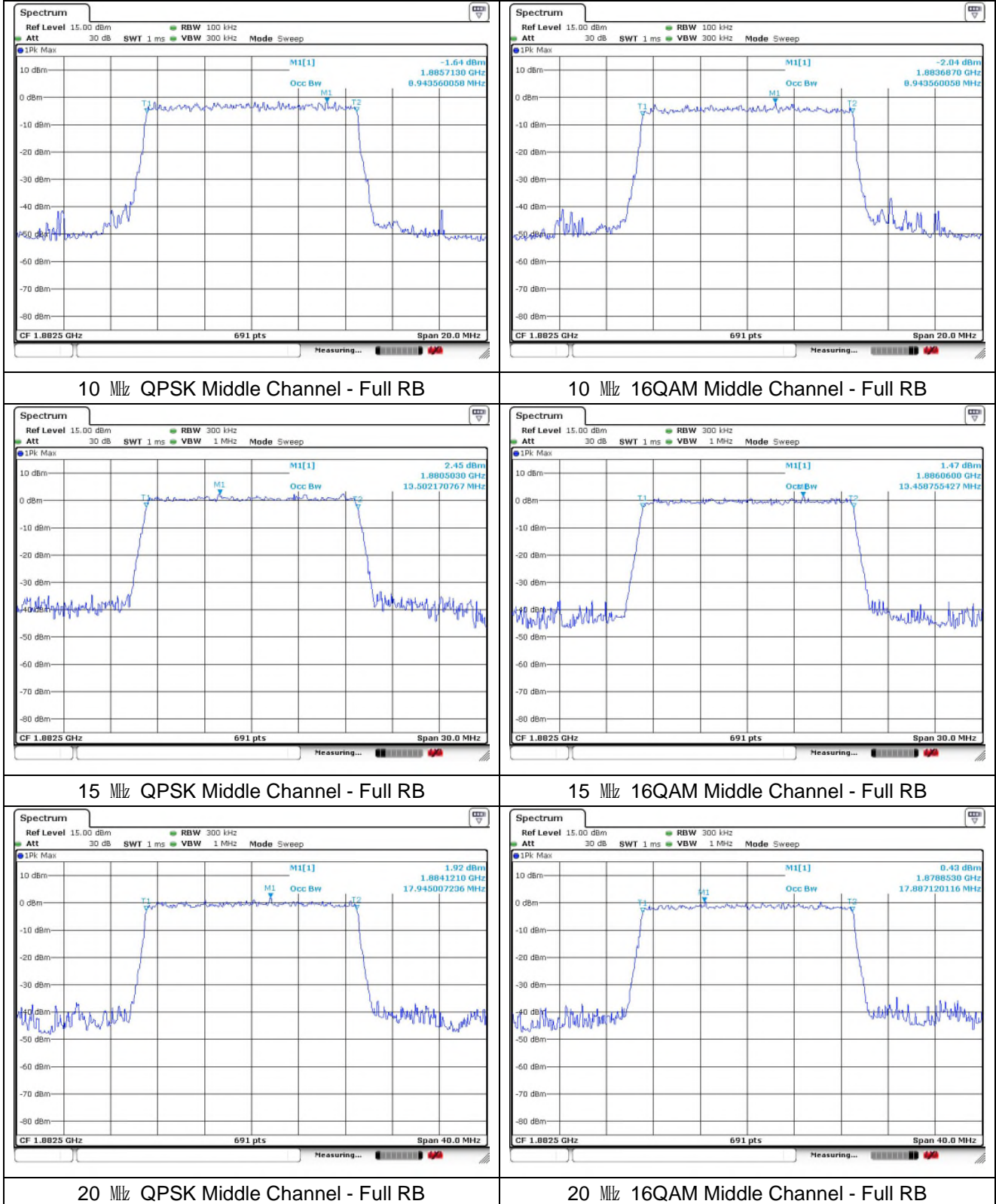
3 MHz 16QAM Middle Channel - Full RB



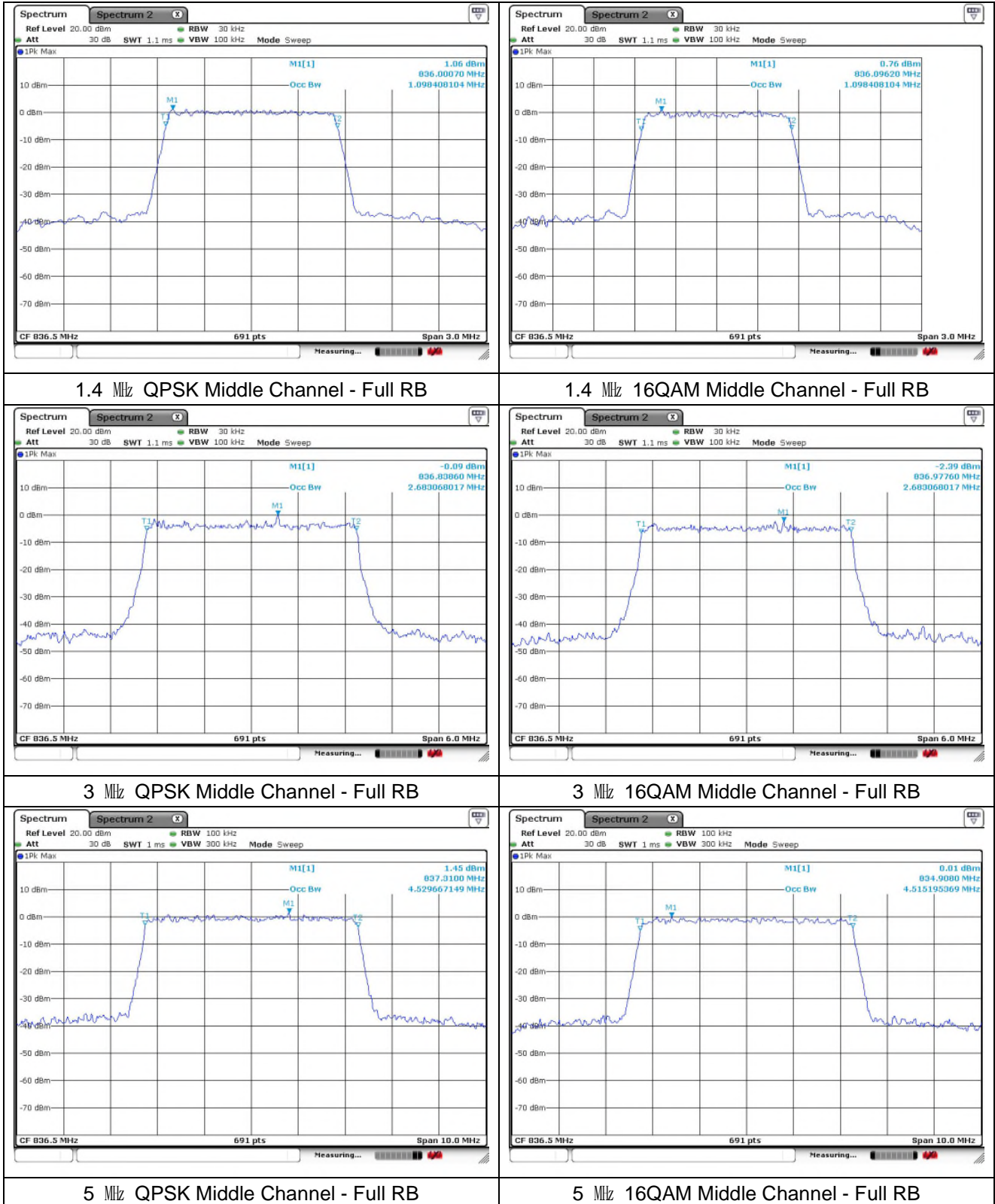
5 MHz QPSK Middle Channel - Full RB

5 MHz 16QAM Middle Channel - Full RB

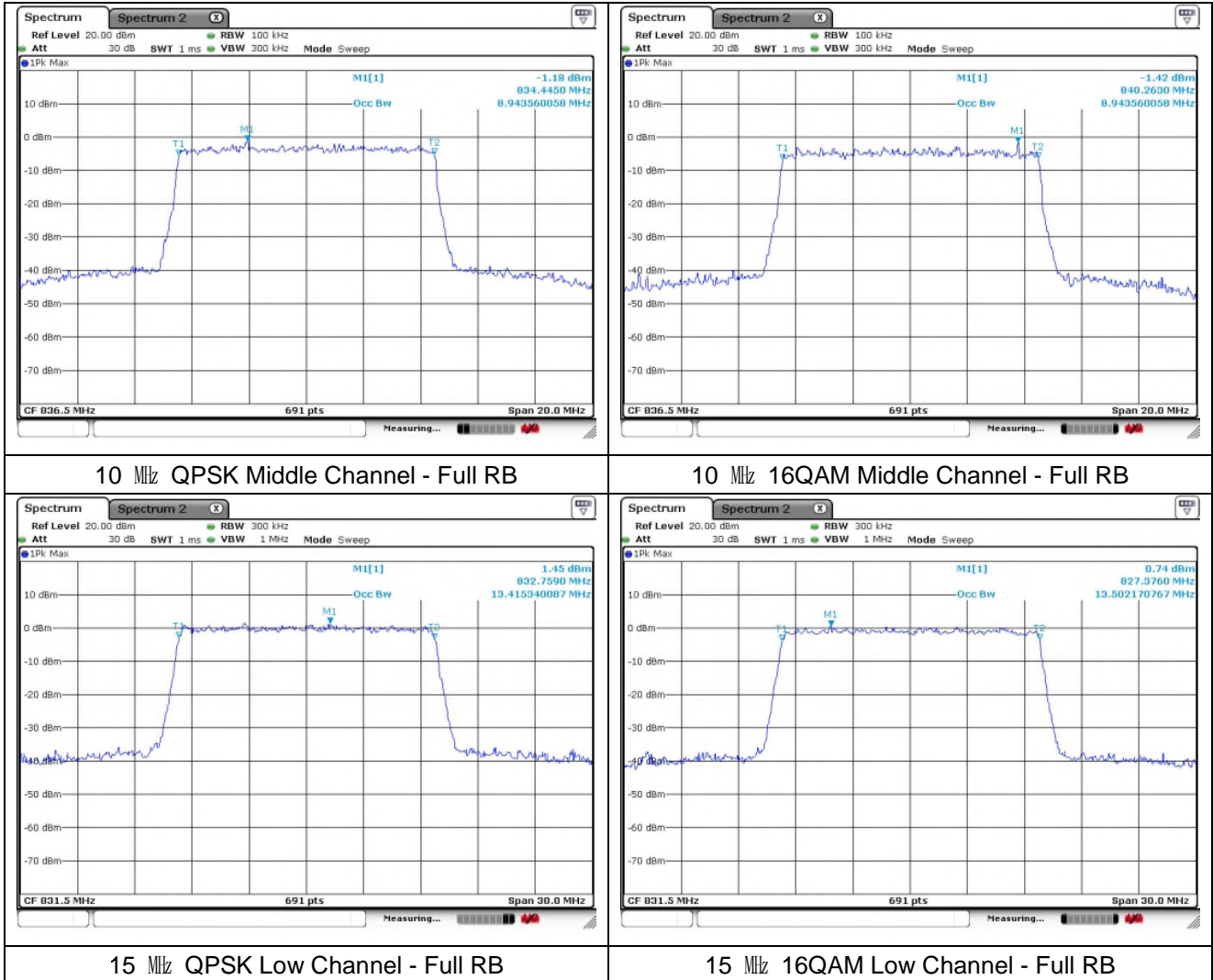
LTE band 25/2



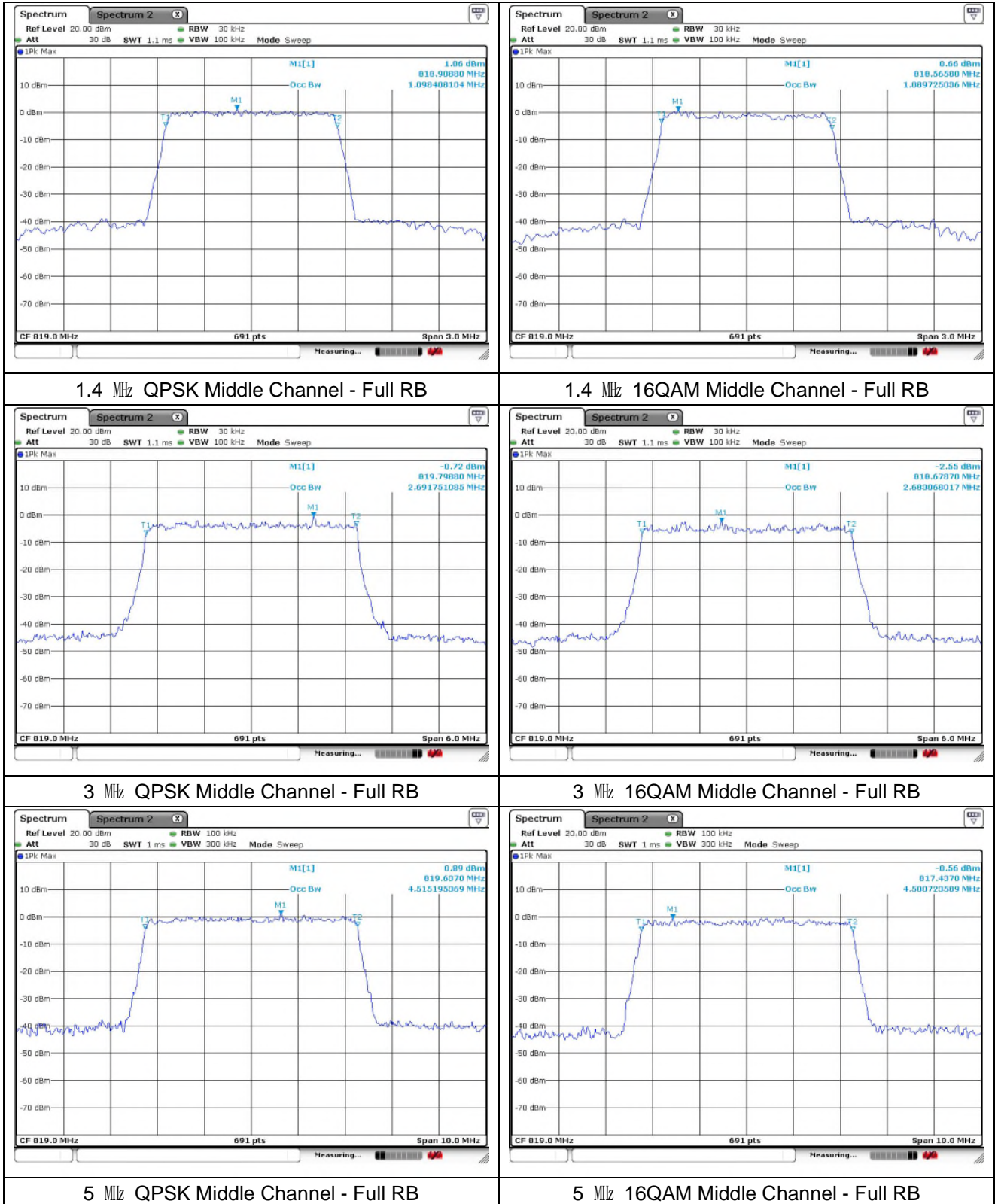
LTE band 26 - Part 22



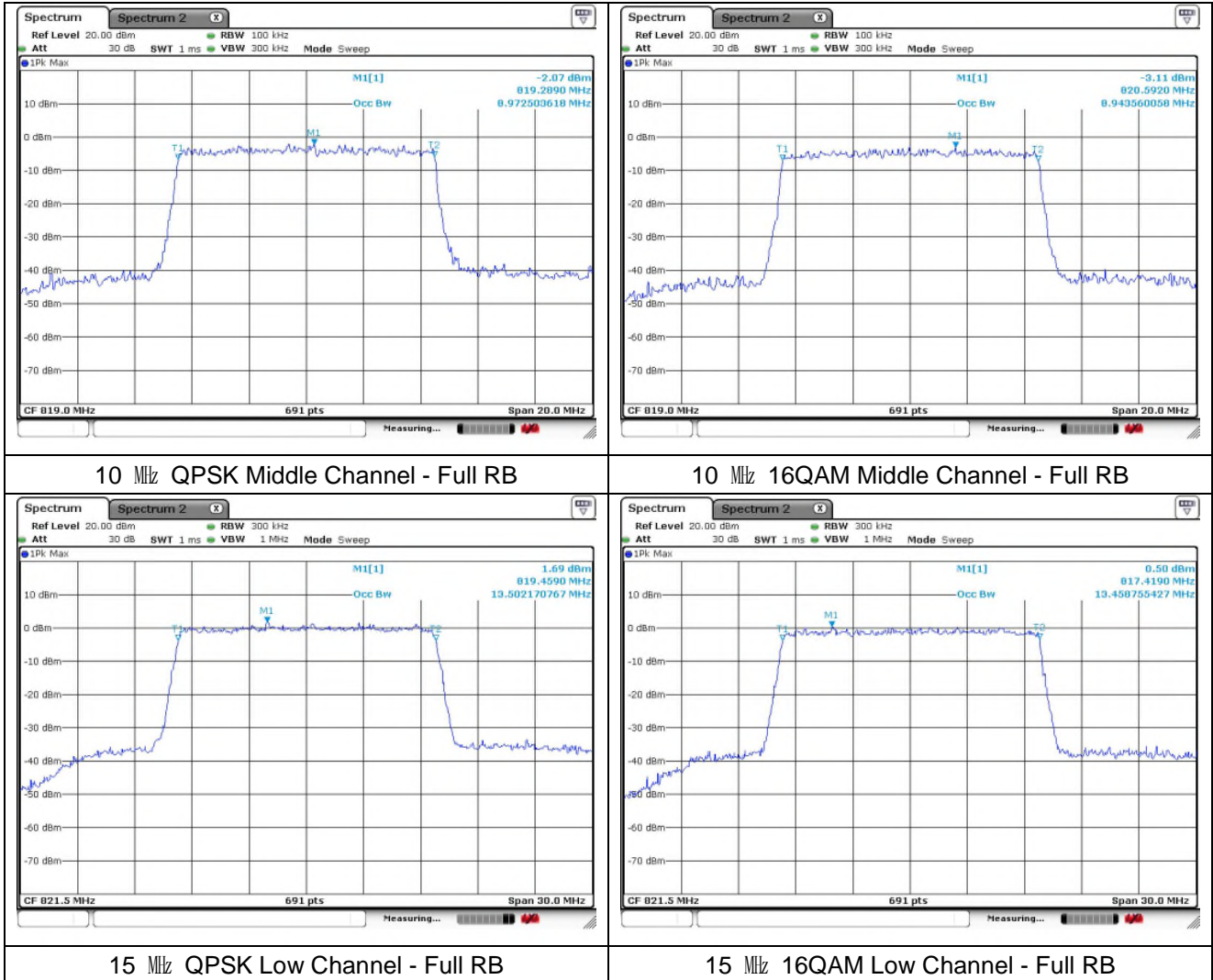
LTE band 26 - Part 22



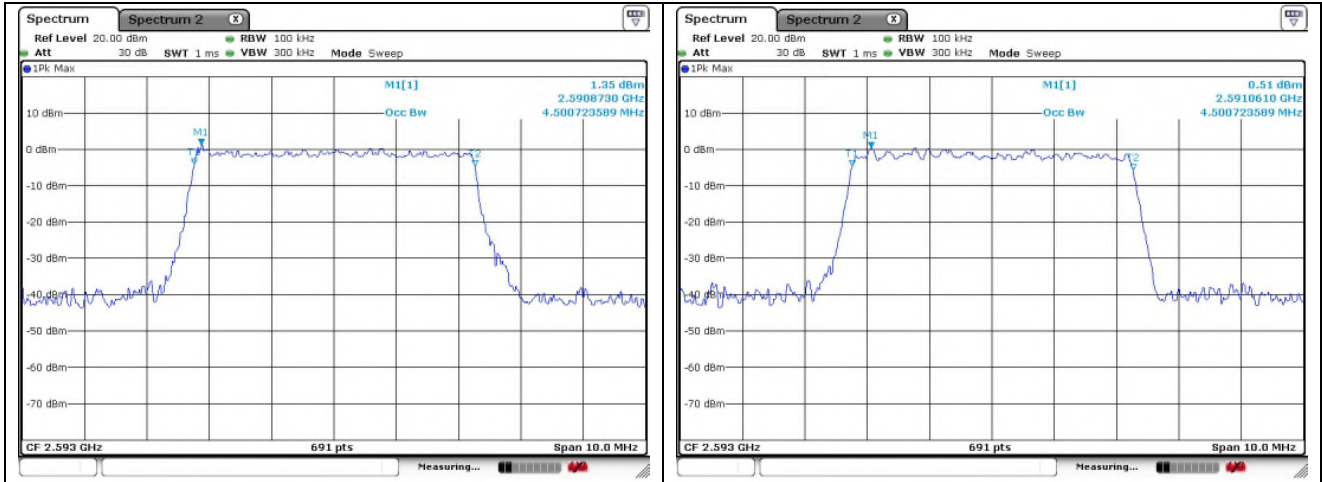
LTE band 26 - Part 90



LTE band 26 - Part 90

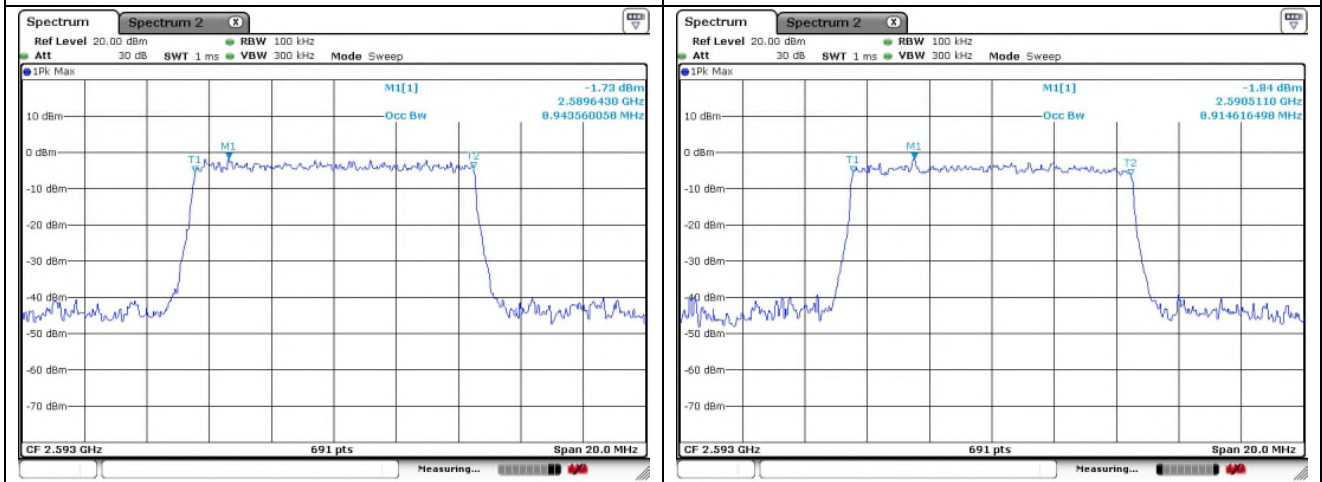


LTE band 41



5 MHz QPSK Middle Channel - Full RB

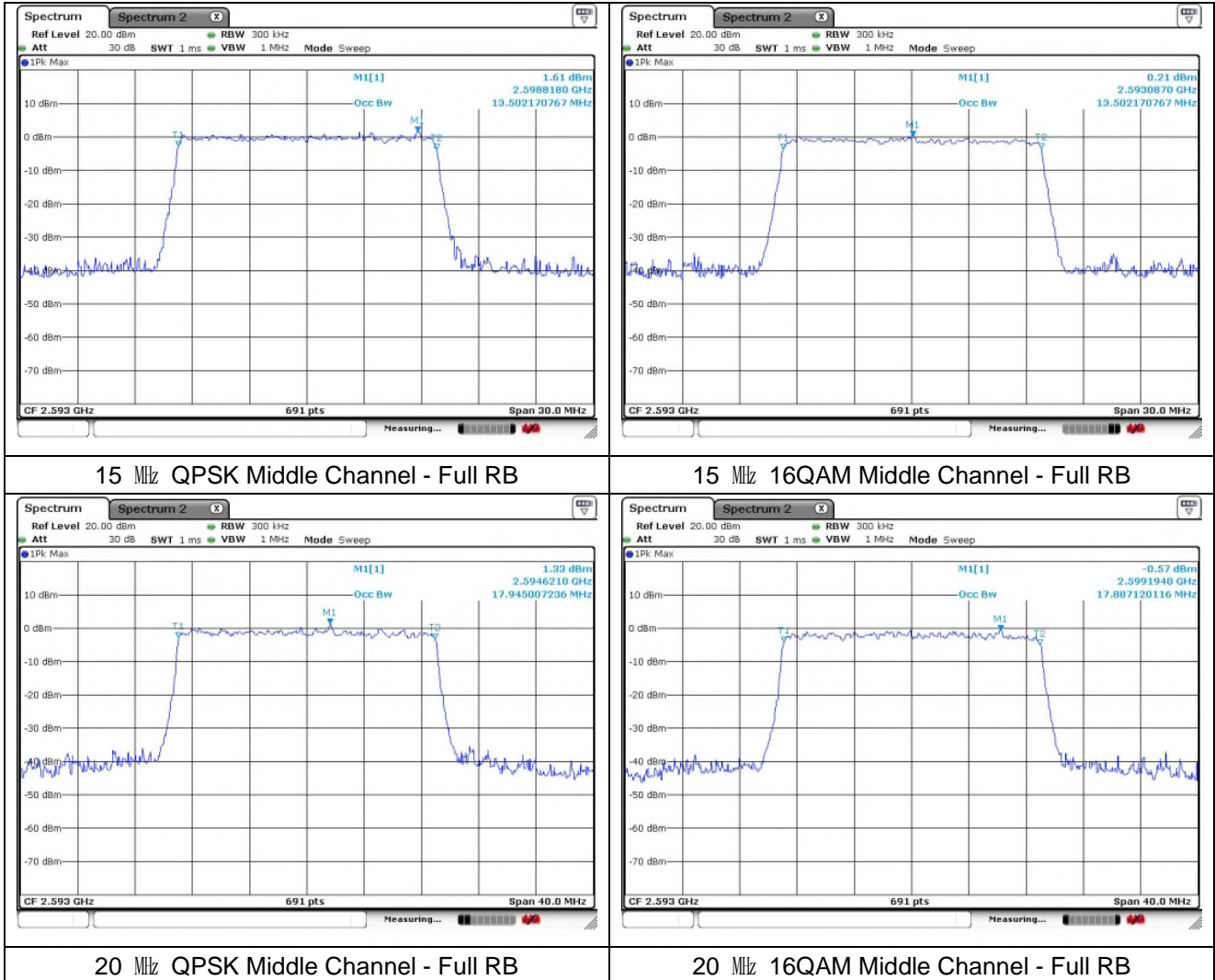
5 MHz 16QAM Middle Channel - Full RB



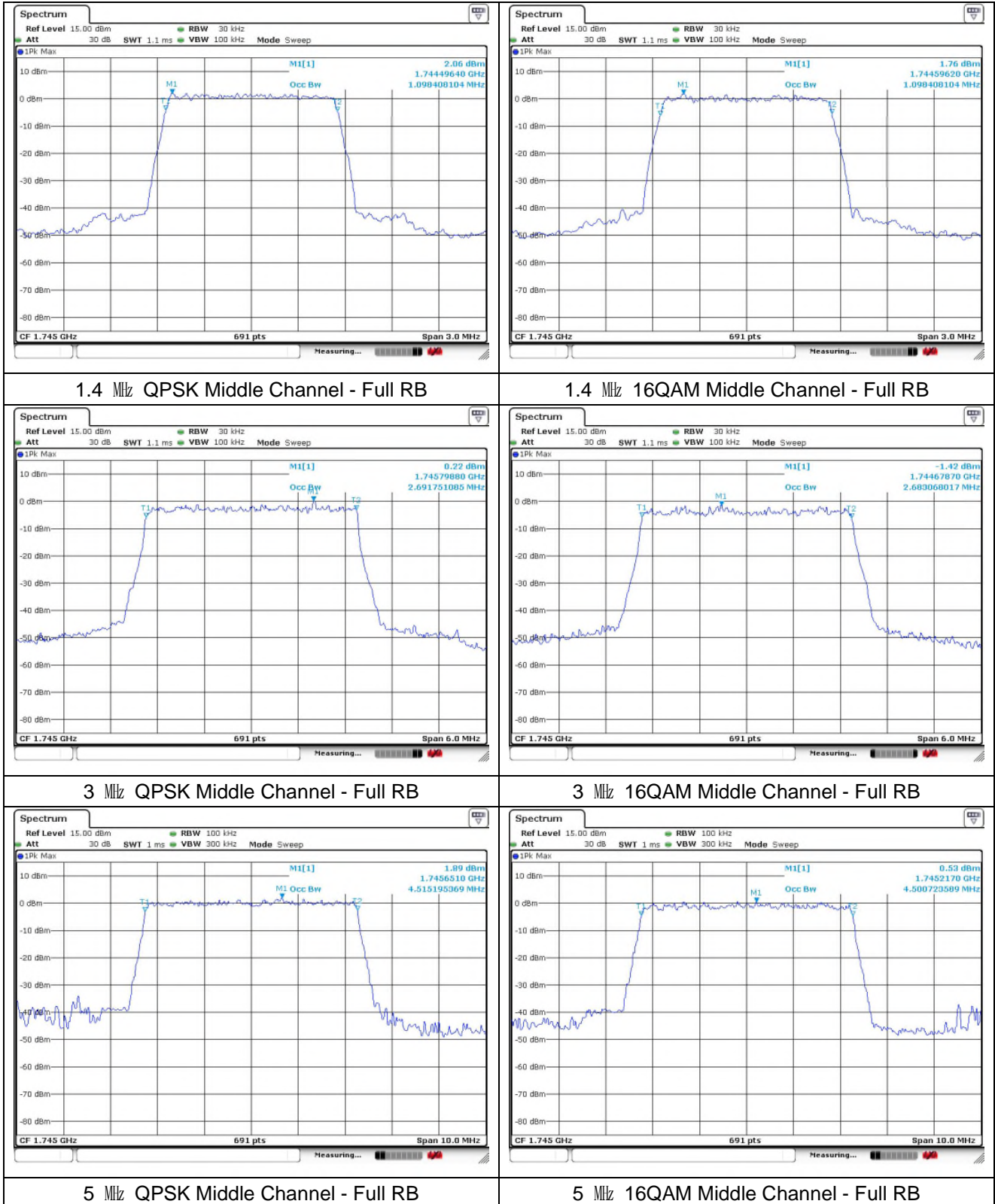
10 MHz QPSK Middle Channel - Full RB

10 MHz 16QAM Middle Channel - Full RB

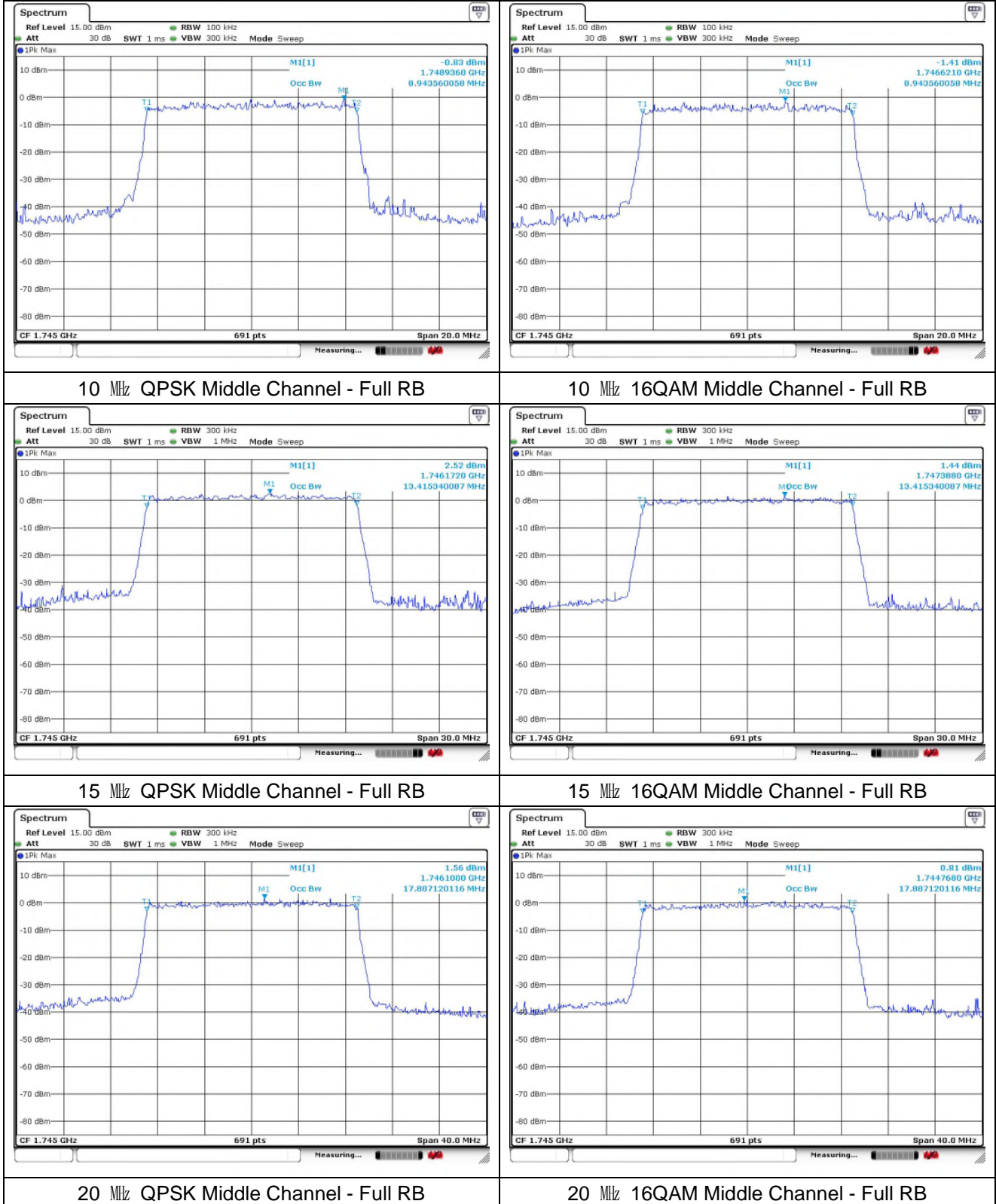
LTE band 41



LTE band 66/4



LTE band 66/4



5. Peak-Average Ratio

5.1. Limit

- §22.913(d) Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

- §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51. 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.

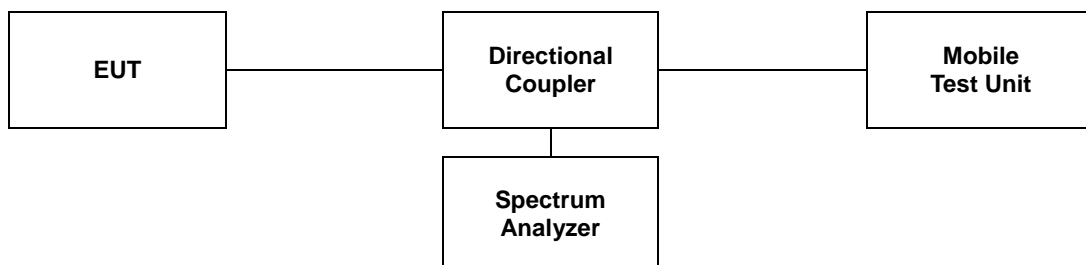
- §27.50(d)(5), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

5.2. Test Procedure

The test follows section 5.2.3.4 of ANSI C63.26-2015.

See instrumentation-specific application literature for further guidance regarding use of the CCDF capability. The following guidelines are offered for performing a CCDF measurement.

- a. Set resolution/measurement bandwidth \geq OBW or specified reference bandwidth.
- b. Set the number of counts to a value that stabilizes the measured CCDF curve.
- c. Set the measurement interval as follows:
 - 1) For continuous transmissions, set to greater of $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ or 1 ms.
 - 2) For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize. Set the measurement interval to a time that is less than or equal to the burst duration.
 - 3) If there are several carriers in a single antenna port, the peak power shall be determined for each individual carrier (by disabling the other carriers while measuring the required carrier) and the total peak power calculated from the sum of the individual carrier peak powers.
- d. Record the maximum PAPR level associated with a probability of 0.1 %.
- e. The peak power level is calculated from the sum of the PAPR value from step d) to the measured average power.



5.3 Test Results

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
5	1.4	824.7	5.45	6.00
		836.5	5.13	5.86
		848.3	5.36	6.29
	3	825.5	4.90	5.94
		836.5	4.87	6.00
		847.5	4.90	6.00
	5	826.5	4.93	6.09
		836.5	4.96	5.88
		846.5	4.78	5.74
	10	829.0	4.87	5.88
		836.5	4.90	5.88
		844.0	4.84	5.80

Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
12	1.4	699.7	5.04	6.17
		707.5	5.25	6.06
		715.3	4.93	5.80
	3	700.5	4.96	5.77
		707.5	4.84	5.71
		714.5	4.81	5.86
	5	701.5	5.07	6.03
		707.5	4.96	5.74
		713.5	4.87	5.83
	10	704.0	4.81	5.83
		707.5	4.78	5.86
		711.0	5.22	5.97

Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
13	5	779.5	4.84	5.65
		782.0	4.81	5.65
		784.5	4.78	5.48
	10	782.0	4.70	5.71

Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
25/2	1.4	1 850.7	5.25	5.86
		1 882.5	5.62	6.29
		1 914.3	5.48	6.03
	3	1 851.5	4.90	5.97
		1 882.5	4.99	5.91
		1 913.5	5.04	5.86
	5	1 852.5	5.13	6.00
		1 882.5	5.01	5.91
		1 912.5	5.16	5.88
	10	1 855.0	5.01	5.94
		1 882.5	5.04	5.97
		1 910.0	4.93	5.88
	15	1 857.5	5.30	6.03
		1 882.5	5.36	6.06
		1 907.5	5.39	6.03
	20	1 860.0	4.93	5.91
		1 882.5	4.96	5.83
		1 905.0	4.99	5.97

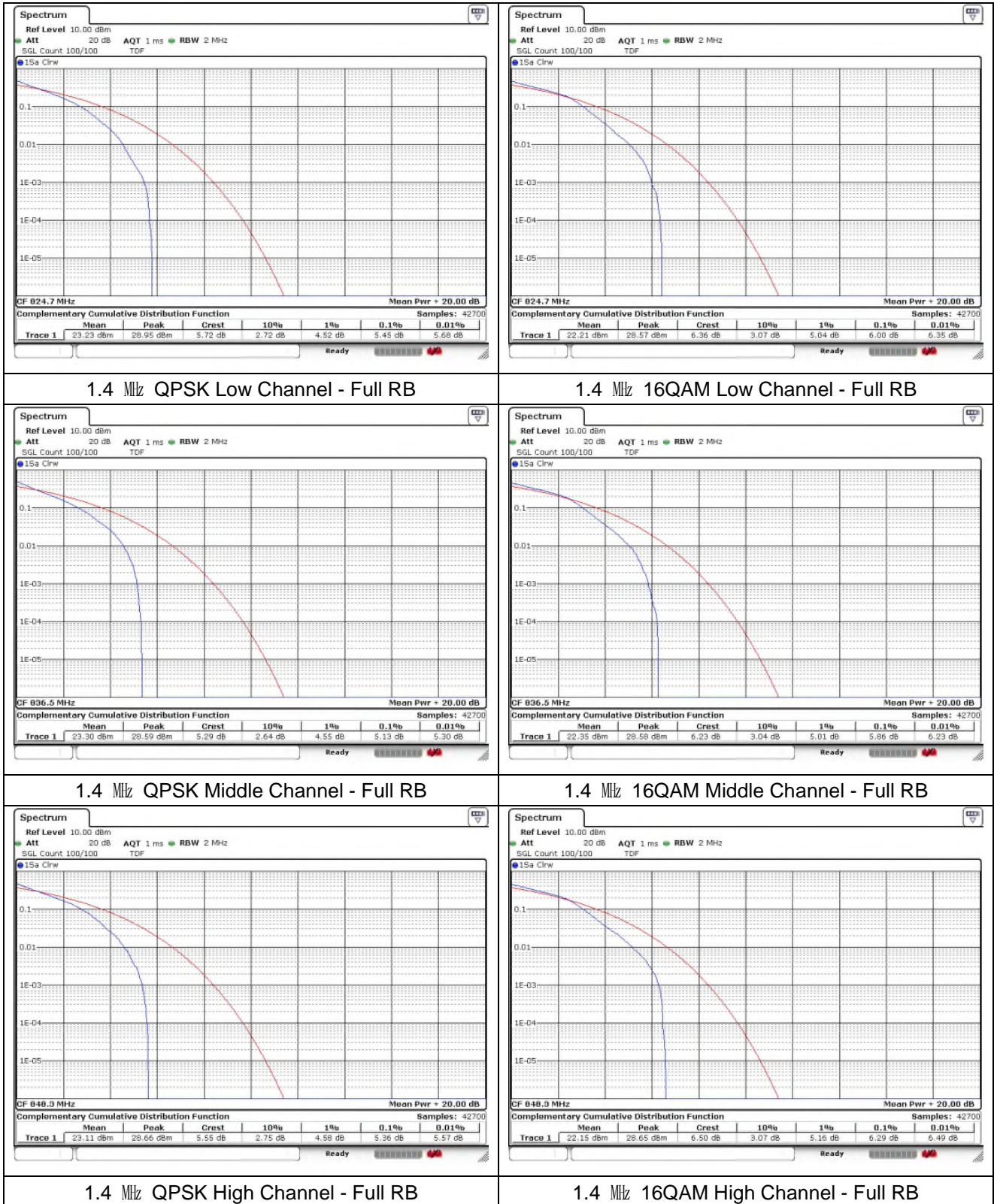
Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
26 (Part 22)	1.4	824.7	4.75	5.94
		836.5	4.75	6.09
		848.3	5.01	5.97
	3	825.5	4.58	5.83
		836.5	4.58	5.88
		847.5	4.55	5.80
	5	826.5	5.65	5.86
		836.5	5.42	6.00
		846.5	5.45	5.83
	10	829.0	4.52	5.77
		836.5	4.52	5.88
		844.0	4.52	5.91
	15	831.5	4.81	6.00
		841.5	4.72	5.94

Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
41	5	2 498.5	6.14	8.70
		2 593.0	5.83	8.26
		2 687.5	4.46	8.55
	10	2 501.0	4.52	7.22
		2 593.0	4.64	8.52
		2 685.0	4.61	9.19
	15	2 503.5	6.00	5.68
		2 593.0	4.99	6.61
		2 682.5	4.90	6.26
	20	2 506.0	6.64	7.22
		2 593.0	4.72	8.70
		2 680.0	4.72	7.28

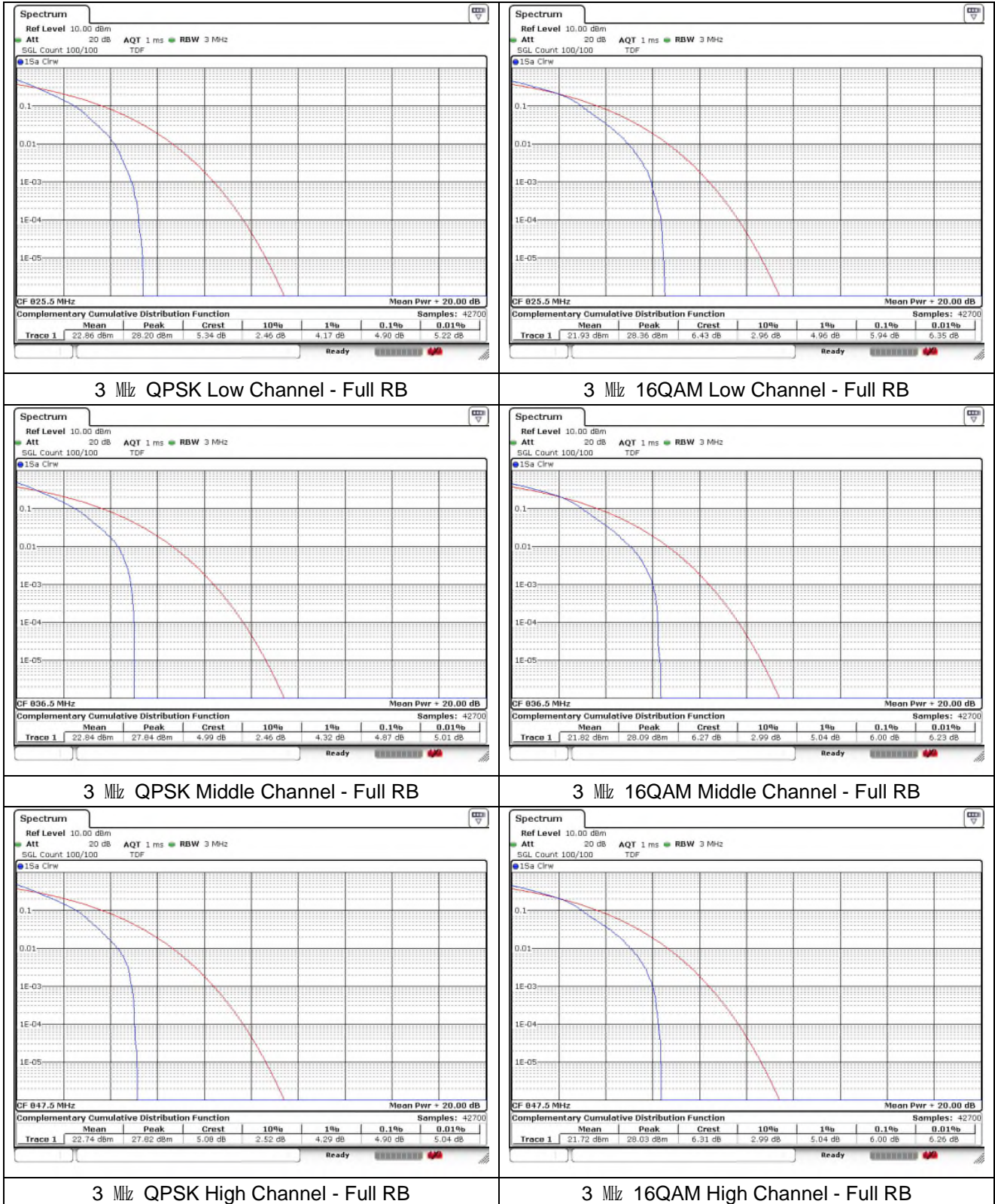
Band	Bandwidth (MHz)	Frequency (MHz)	PAR (dB)	
			QPSK	16QAM
66/4	1.4	1 710.7	5.25	5.88
		1 745.0	5.42	6.03
		1 779.3	5.28	6.12
	3	1 711.5	4.96	5.97
		1 745.0	4.93	5.97
		1 778.5	4.99	5.83
	5	1 712.5	5.07	5.94
		1 745.0	4.93	5.86
		1 777.5	5.07	5.94
	10	1 715.0	4.99	5.88
		1 745.0	4.90	5.83
		1 775.0	4.87	5.88
	15	1 717.5	5.22	6.03
		1 745.0	5.30	6.00
		1 772.5	5.19	6.09
	20	1 720.0	4.84	5.88
		1 745.0	4.84	5.83
		1 770.0	4.87	5.91

- Test plots

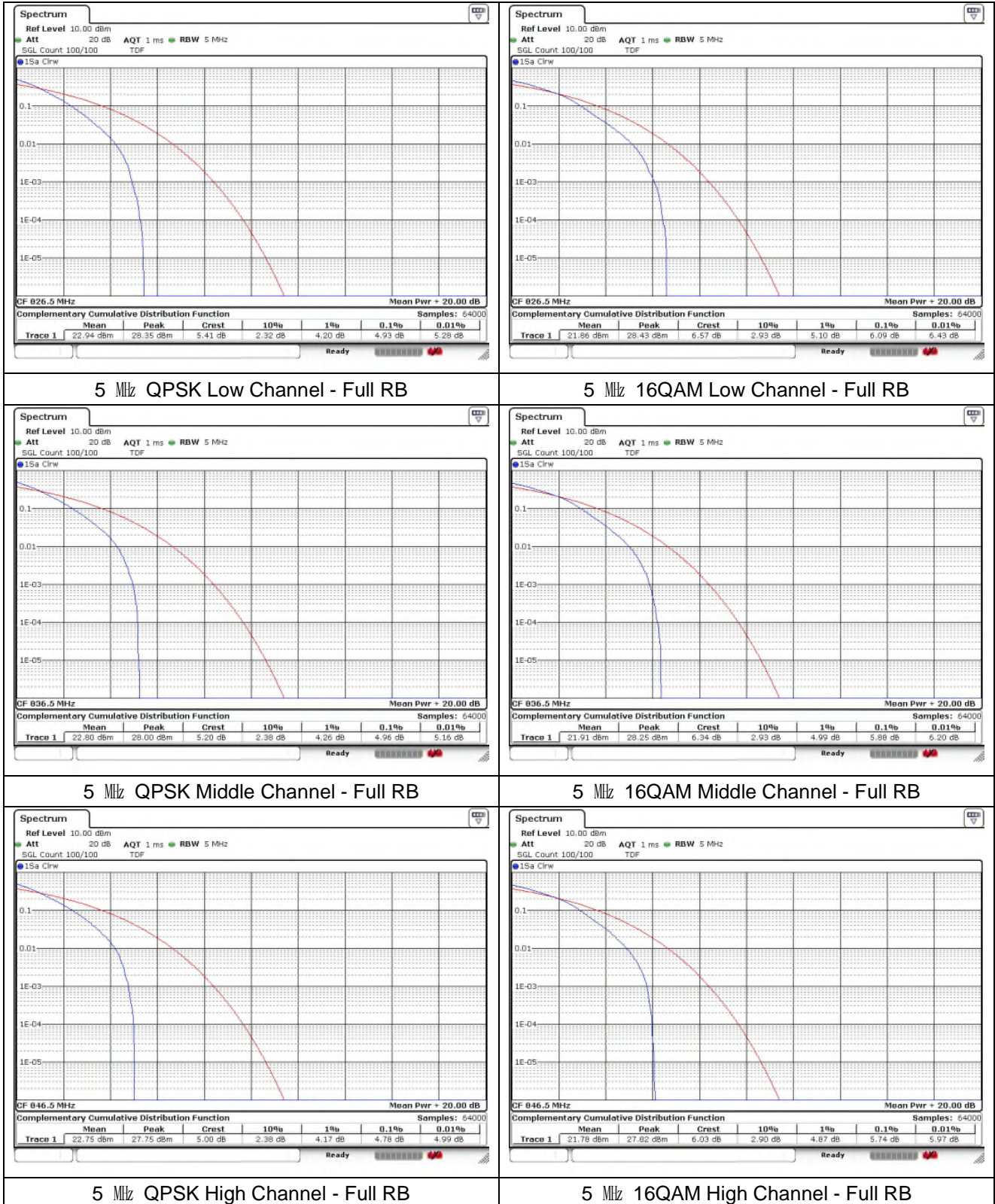
LTE band 5



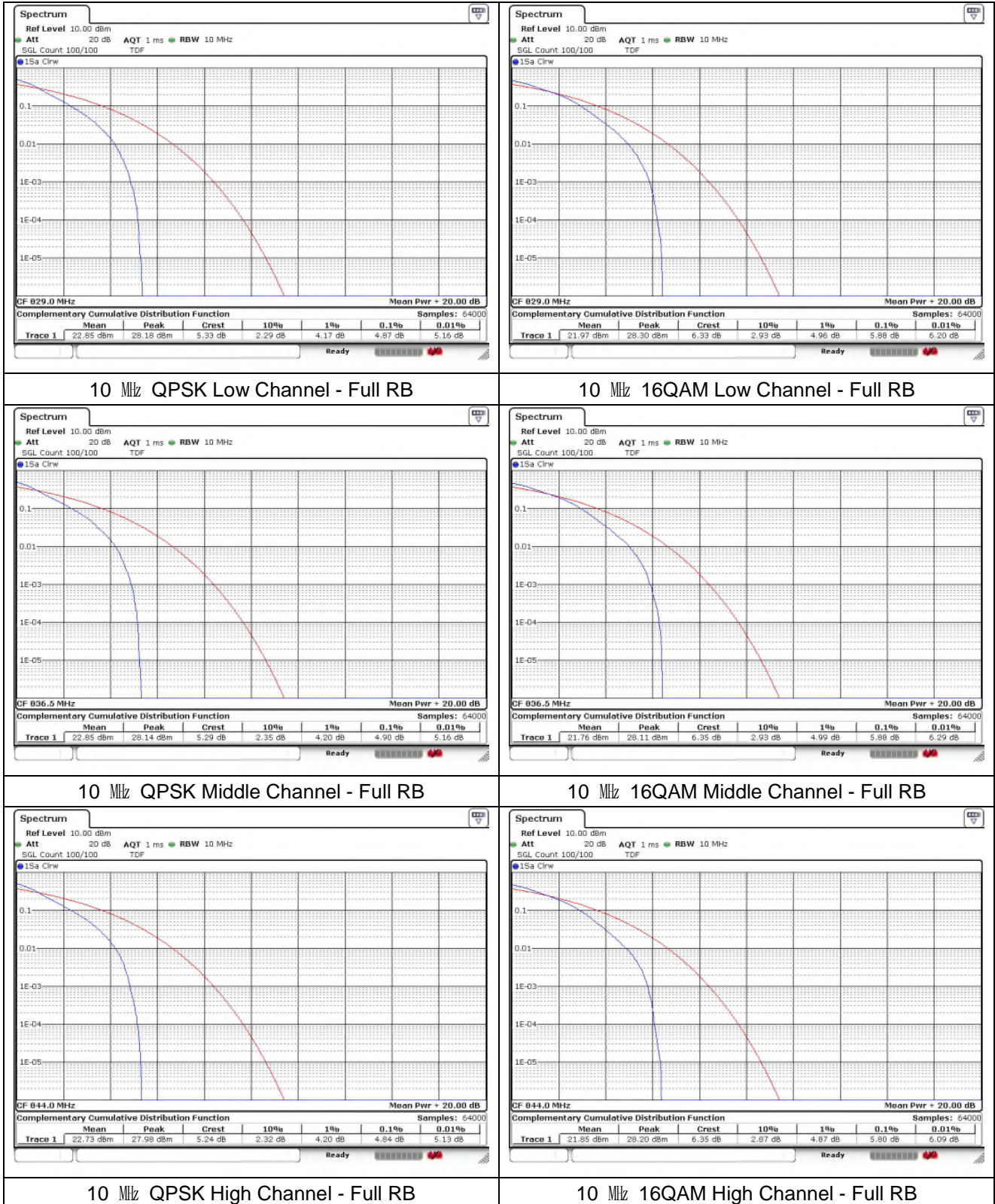
LTE band 5



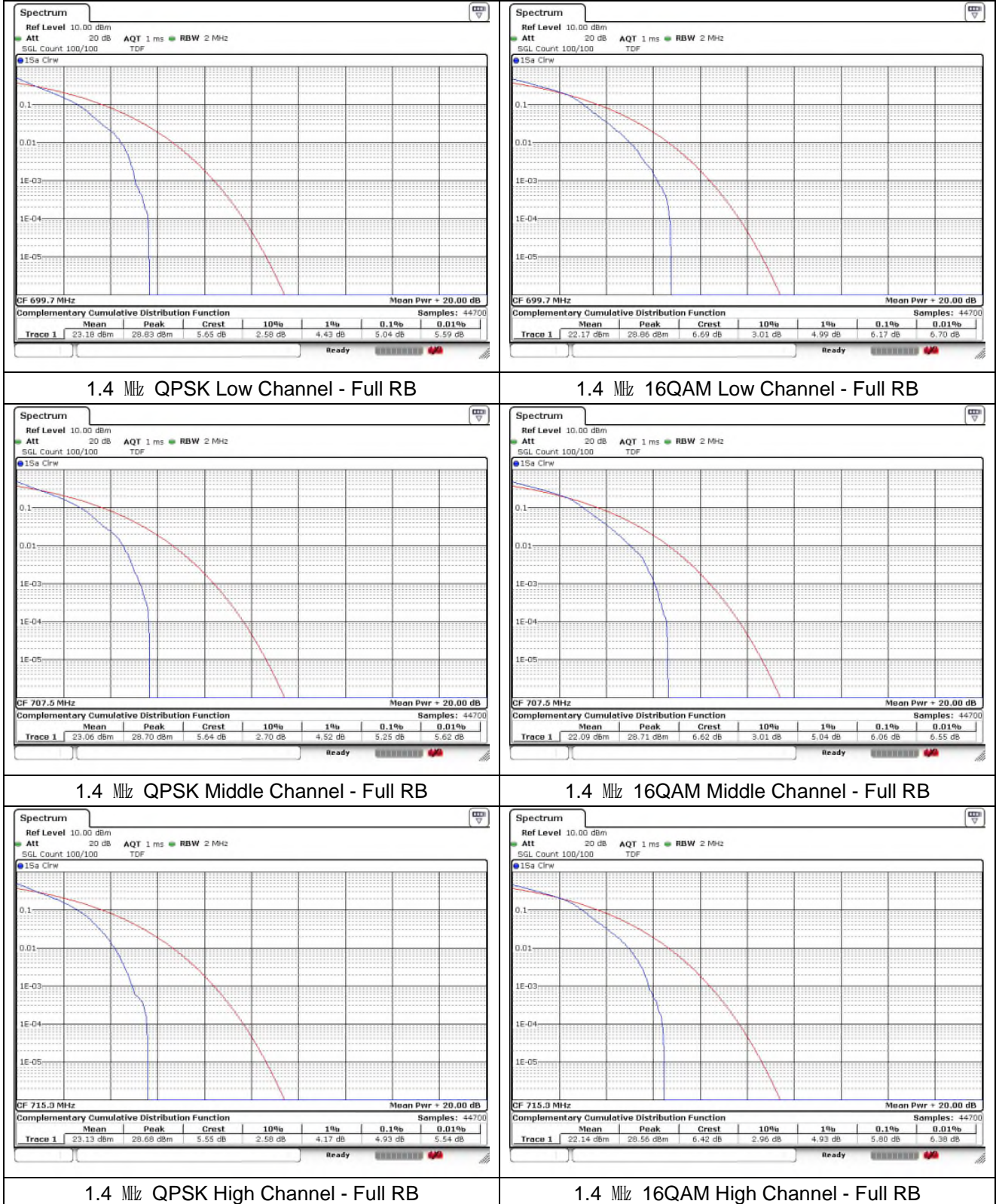
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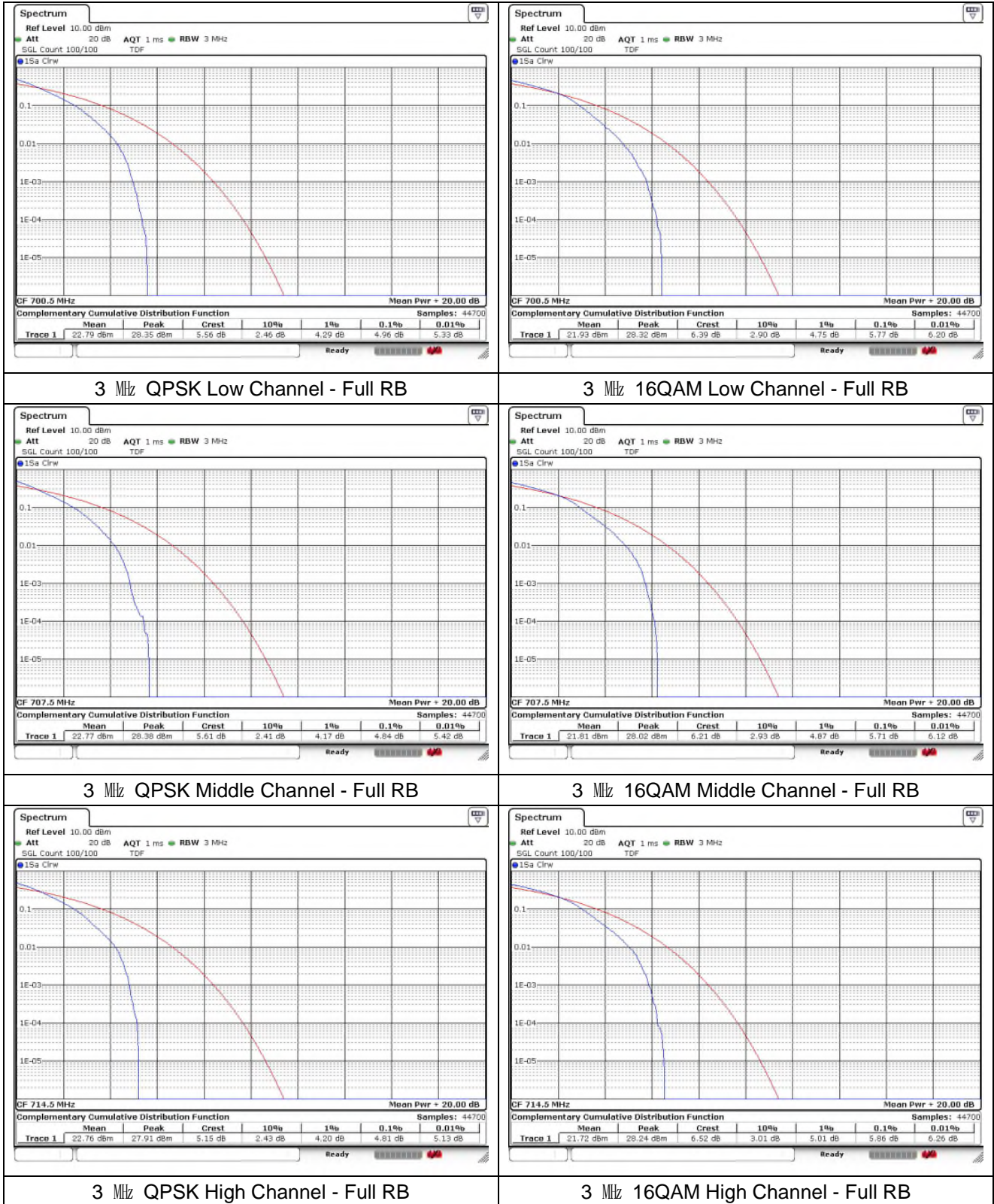
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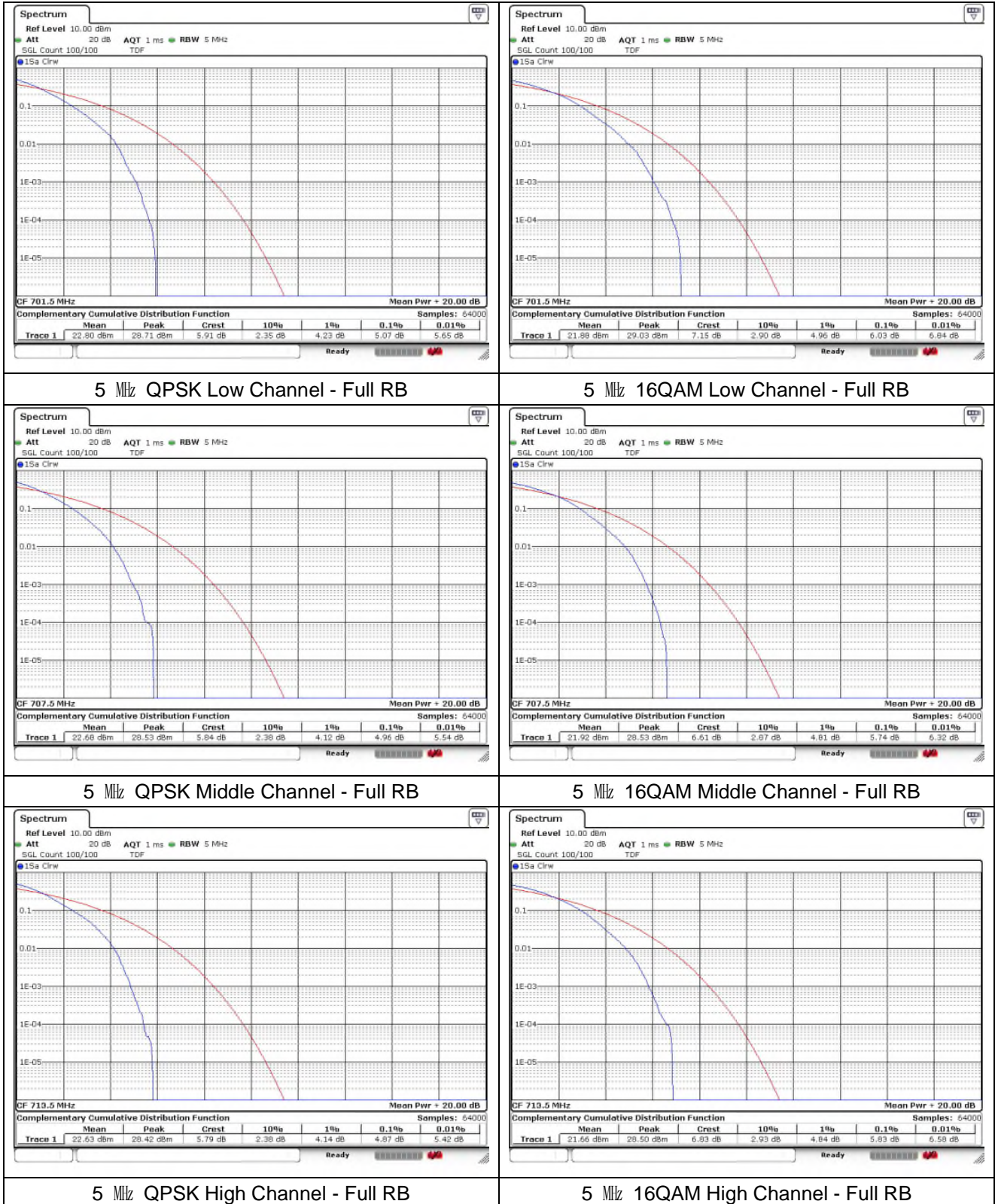
LTE band 12



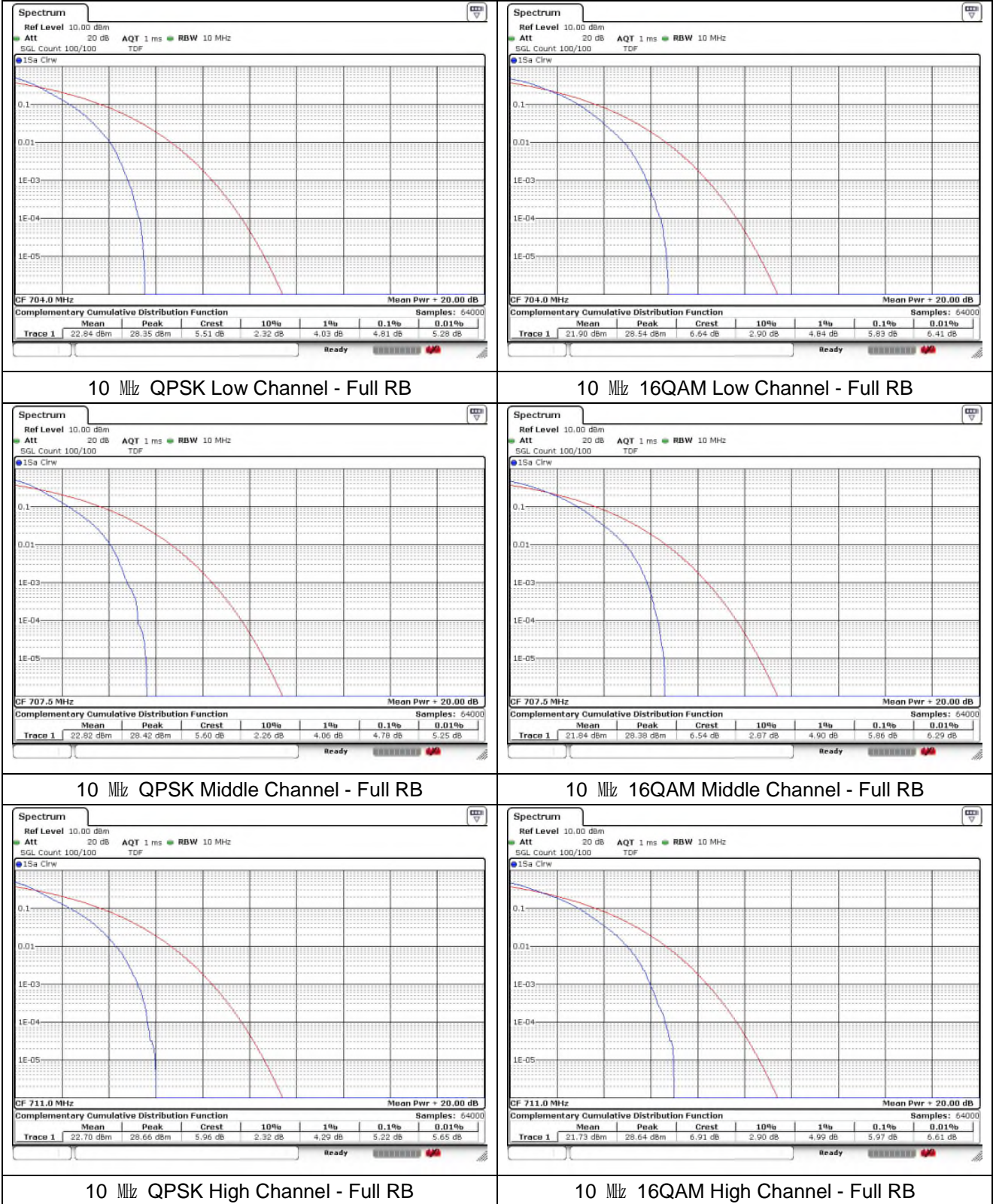
LTE band 12



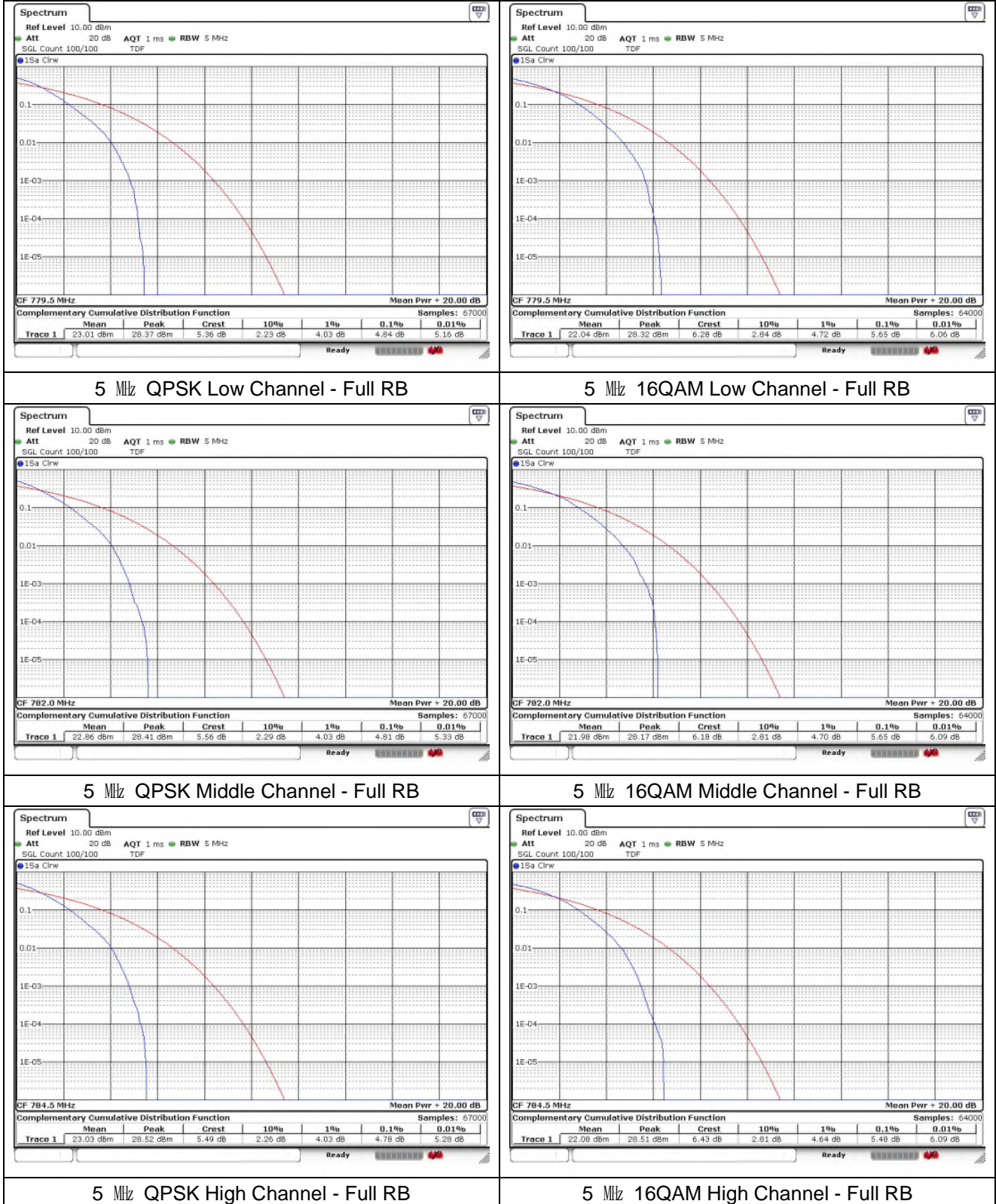
LTE band 12



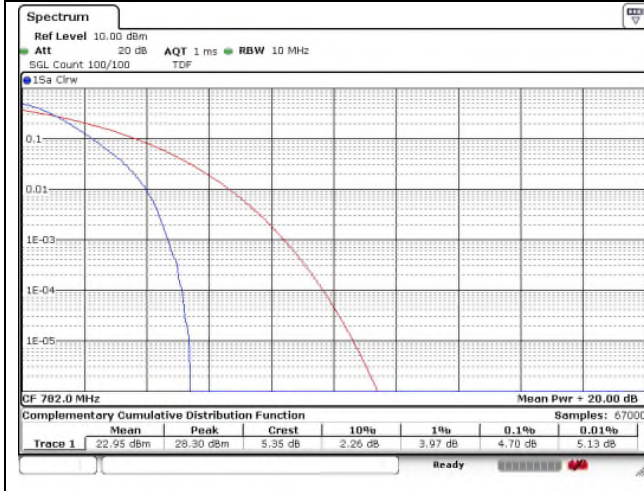
LTE band 12



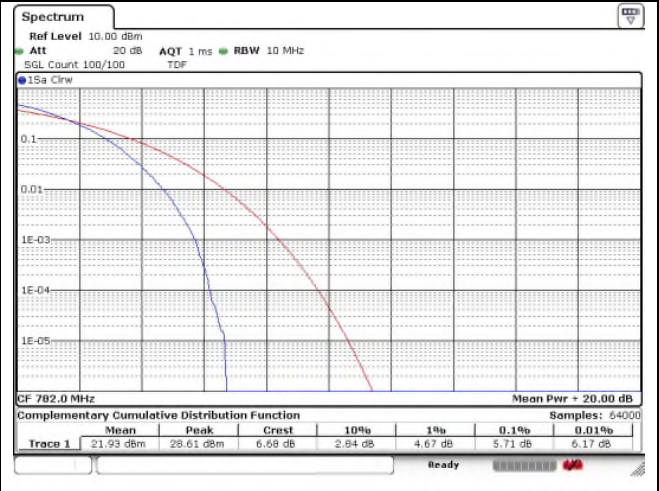
LTE band 13



LTE band 13

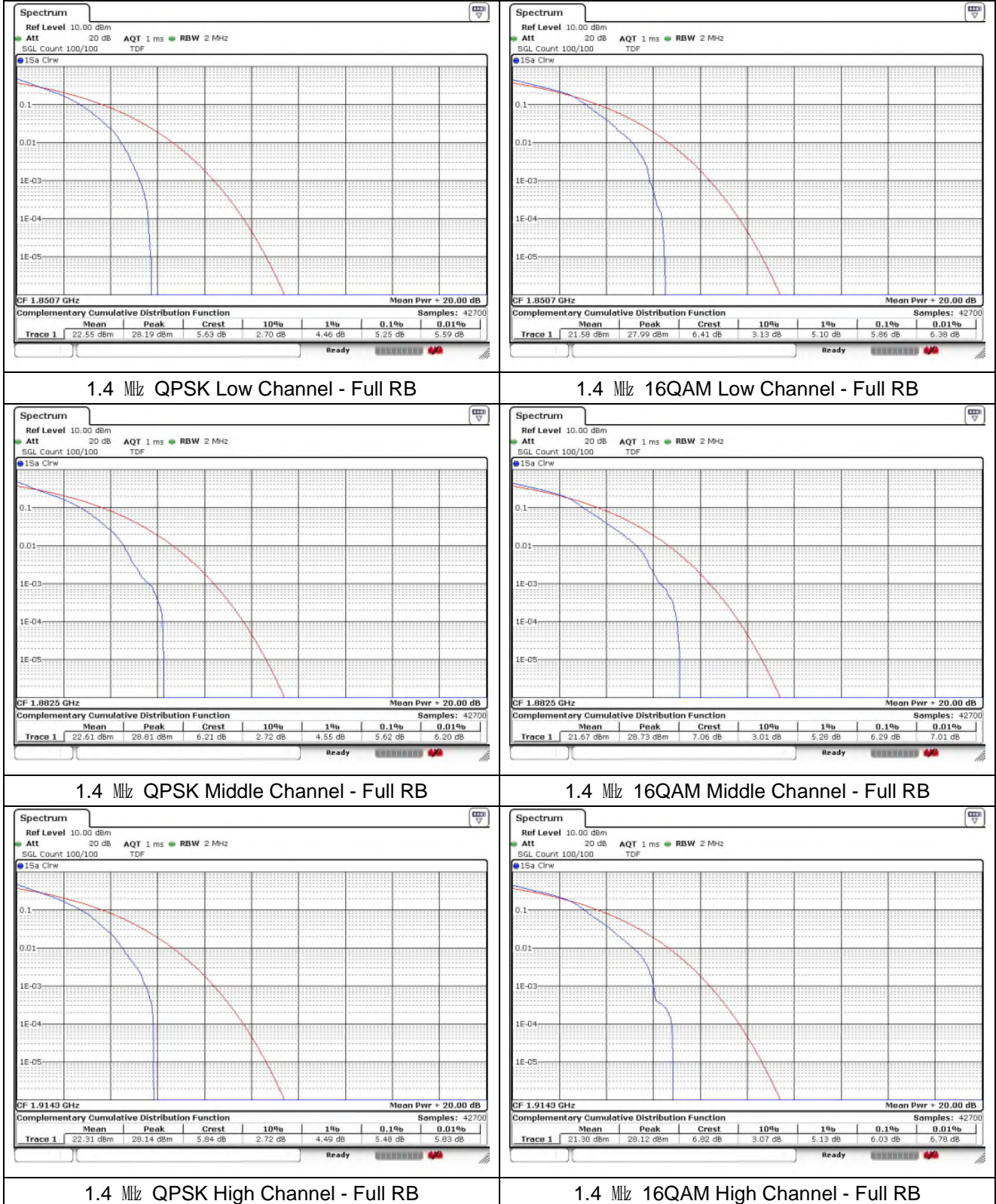


10 MHz QPSK Middle Channel - Full RB

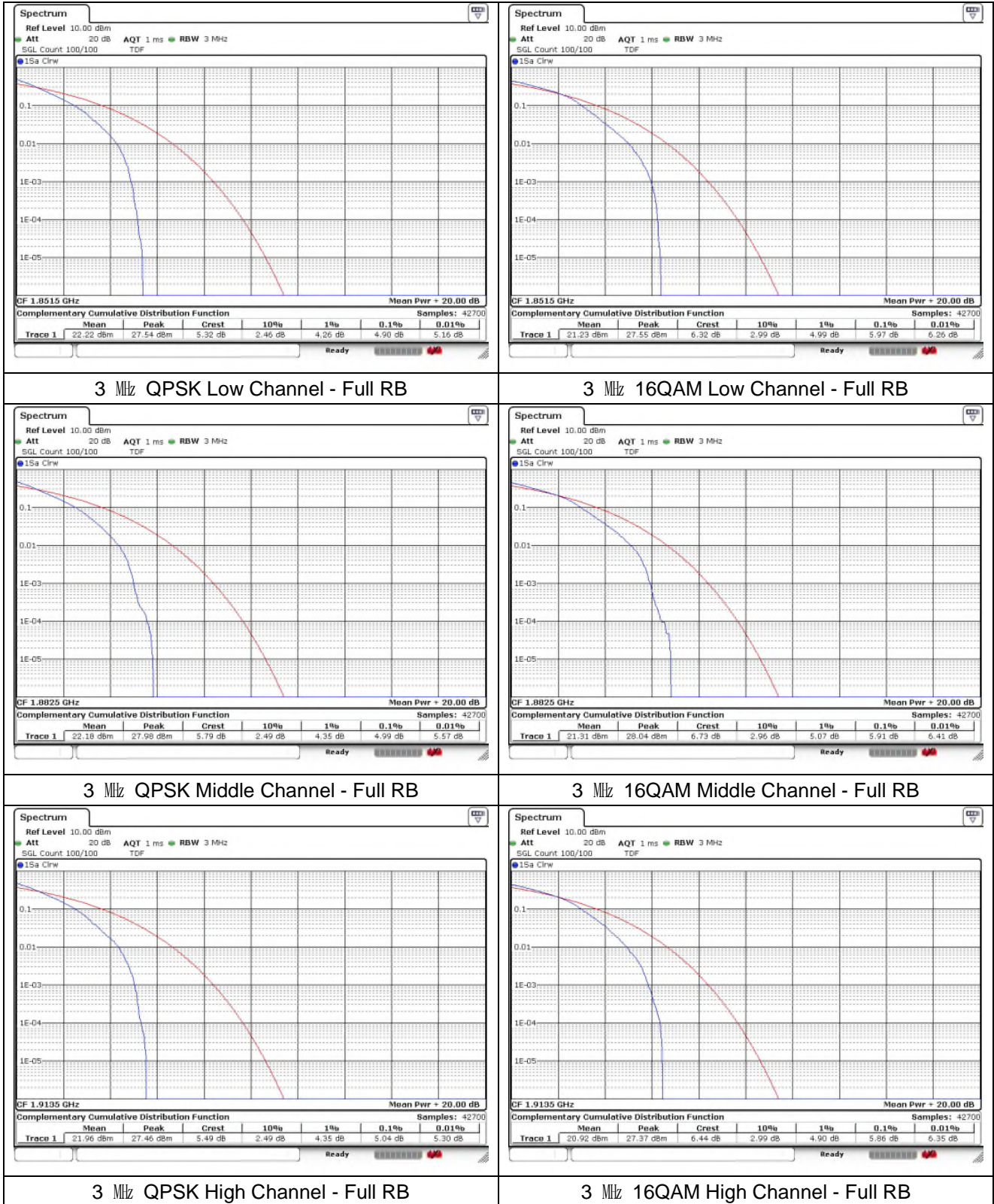


10 MHz 16QAM Middle Channel - Full RB

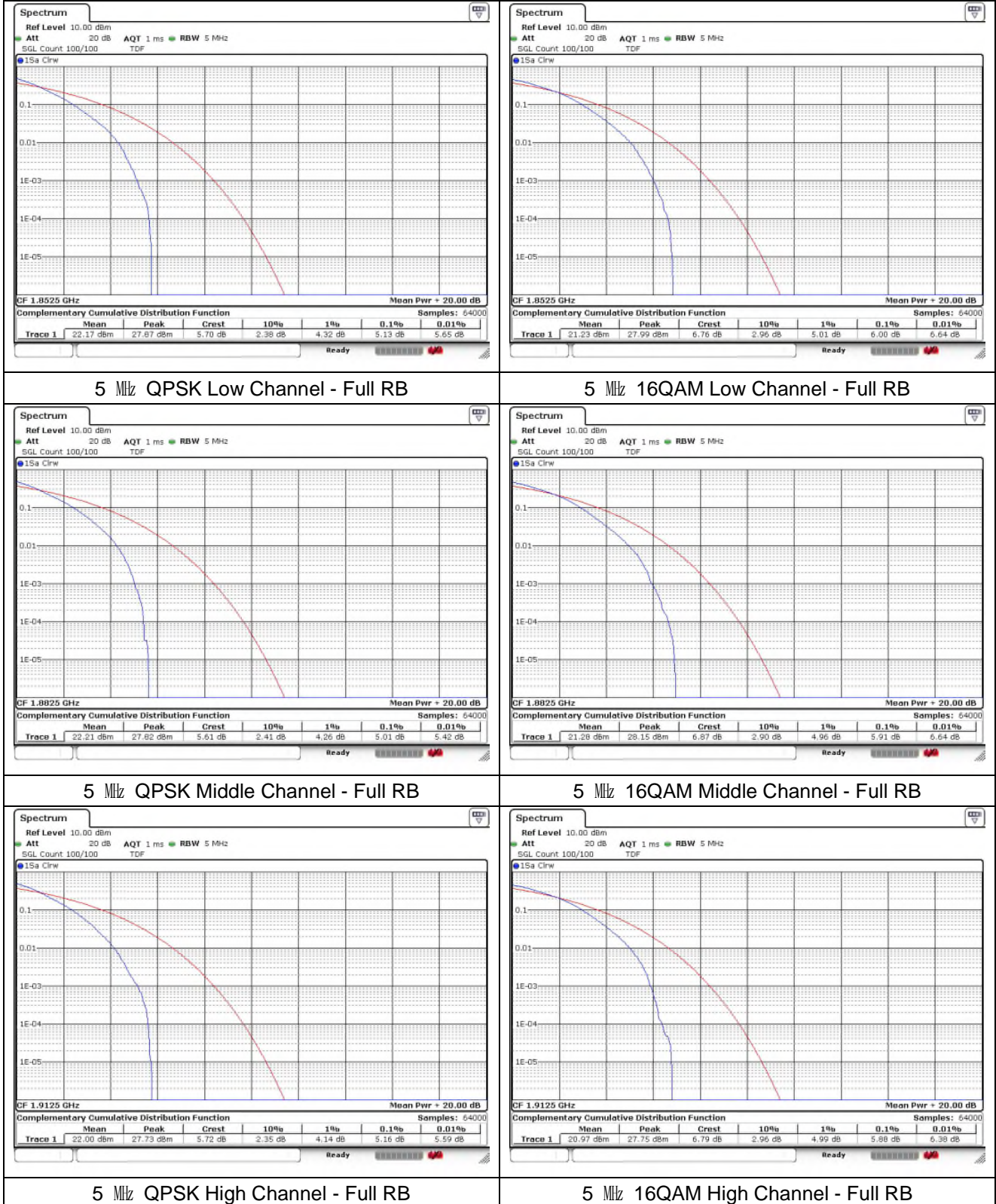
LTE band 25/2



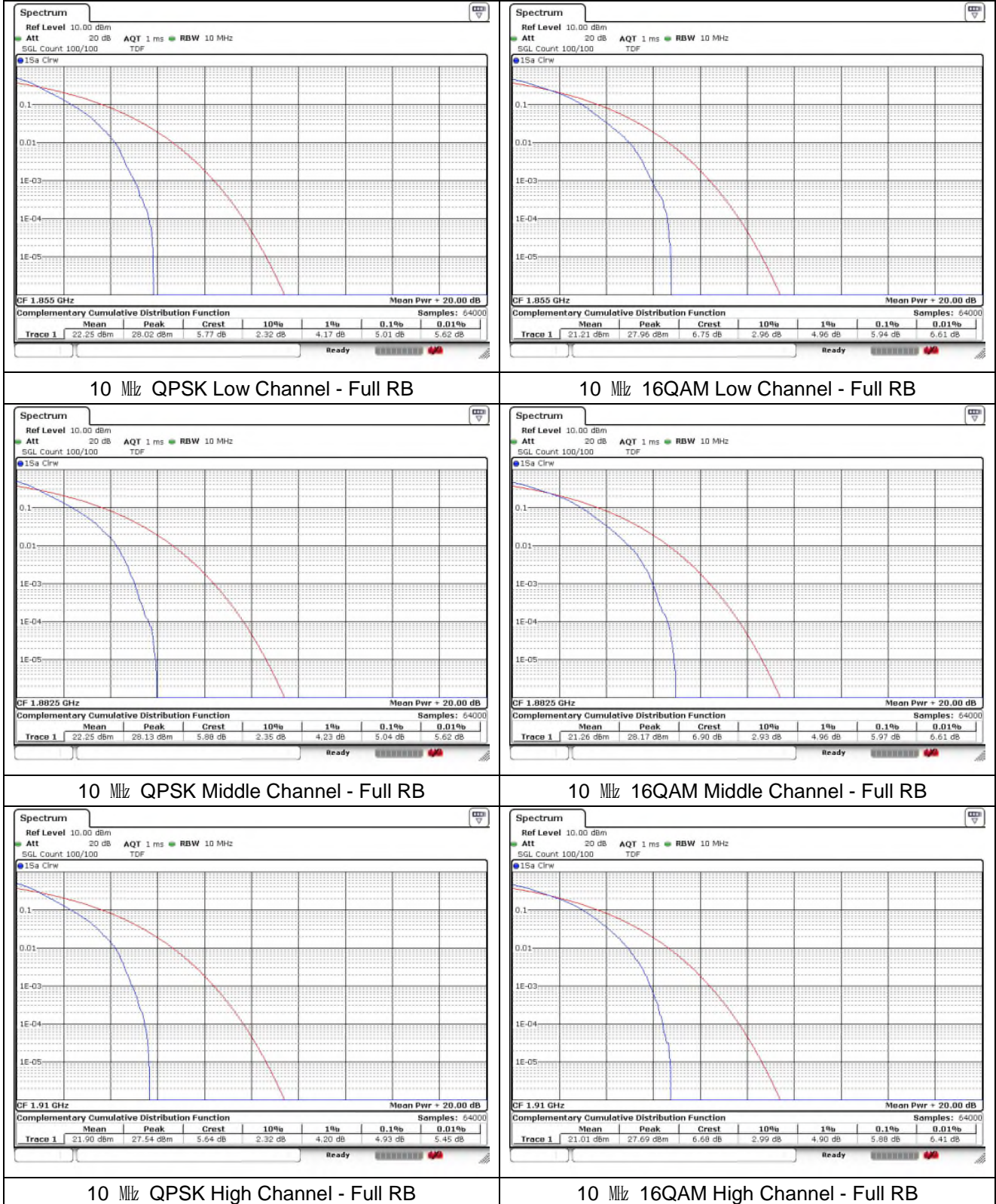
LTE band 25/2



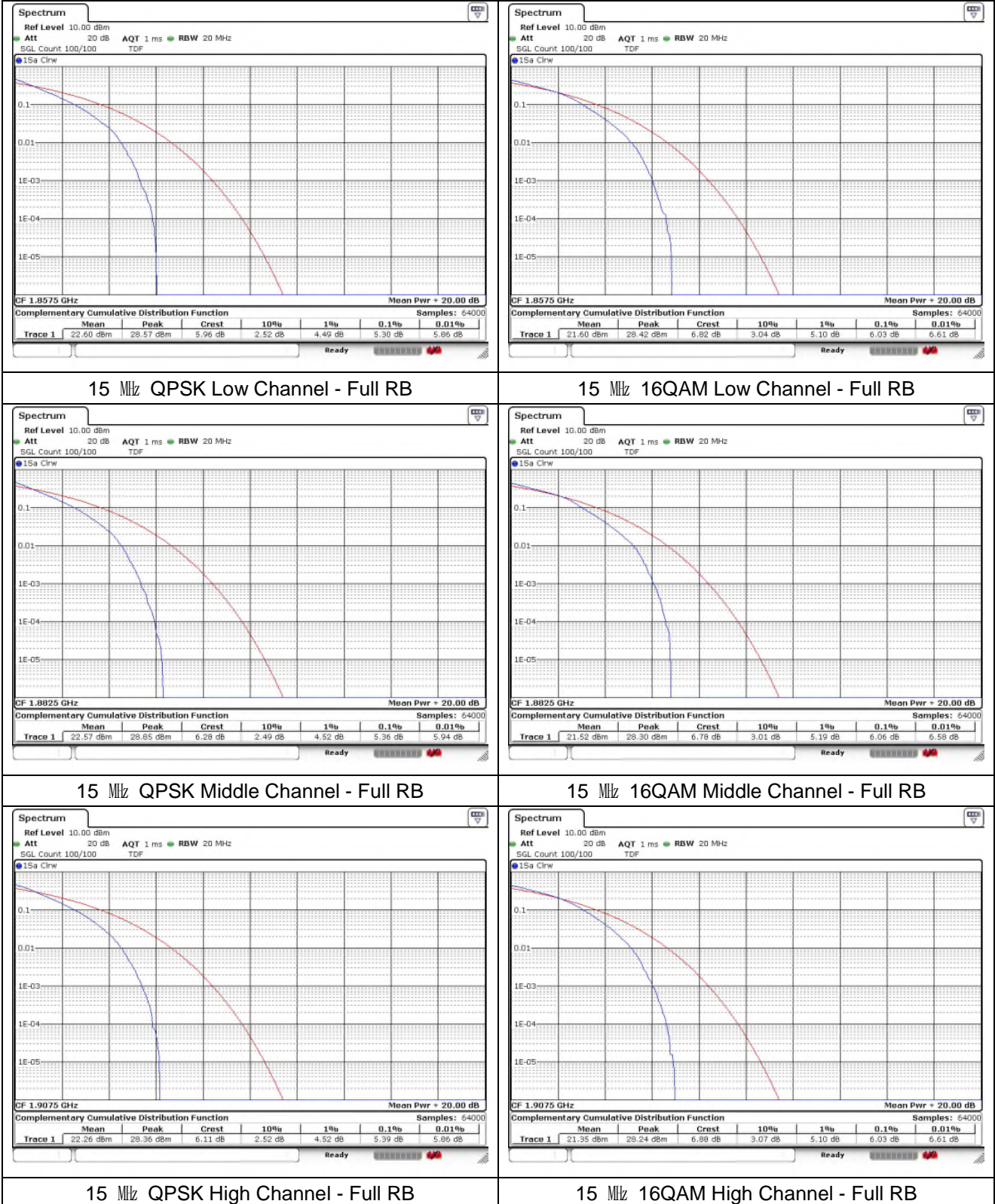
LTE band 25/2



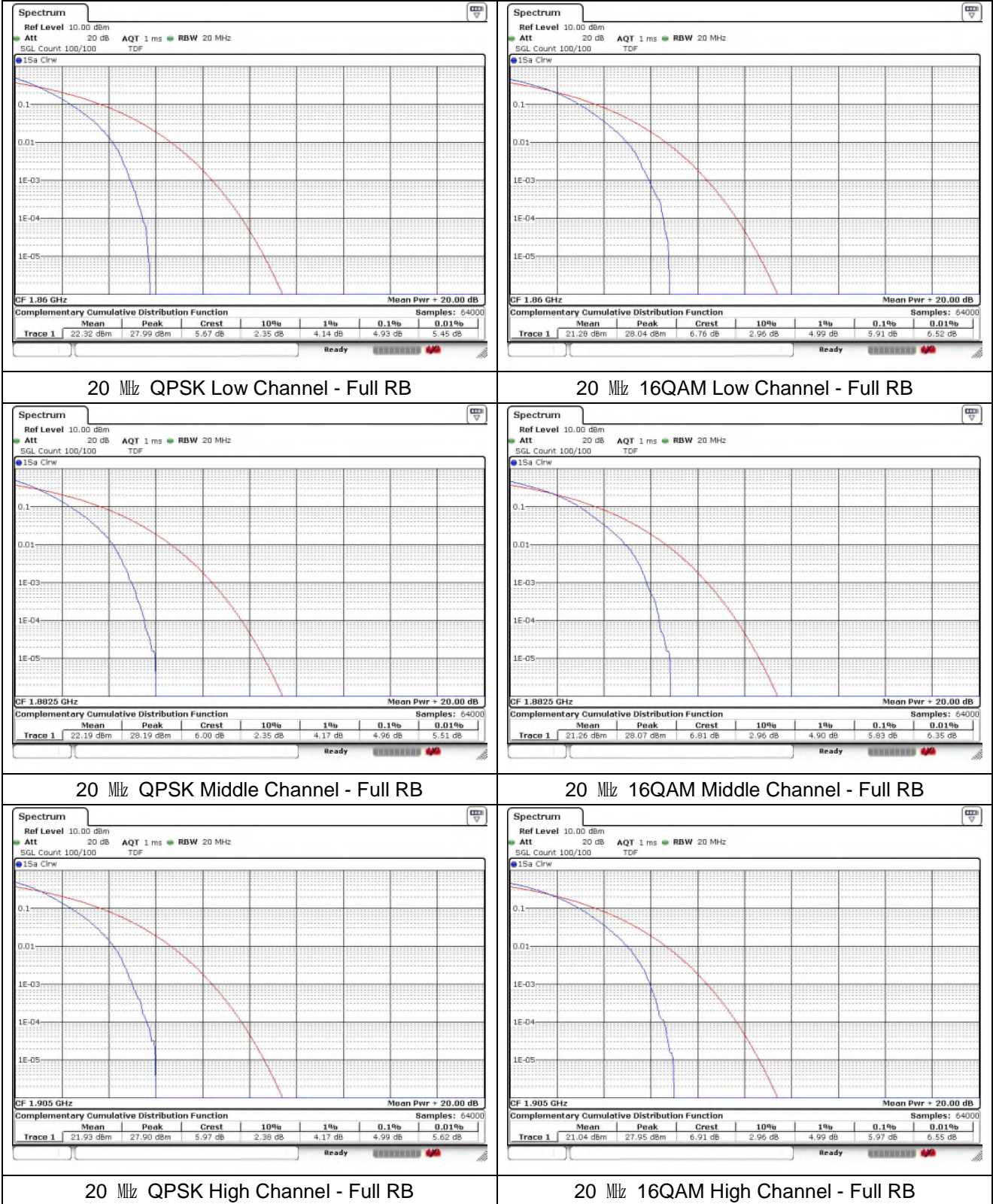
LTE band 25/2



LTE band 25/2



LTE band 25/2



20 MHz QPSK Low Channel - Full RB

20 MHz 16QAM Low Channel - Full RB

20 MHz QPSK Middle Channel - Full RB

20 MHz 16QAM Middle Channel - Full RB

20 MHz QPSK High Channel - Full RB

20 MHz 16QAM High Channel - Full RB