

FCC TEST REPORT

For

EMV Android Validator

Model Number:

FX925SF-ING-VWDC-PRE, 011P;

FX925SF-ING-VPDC-PRE, 011P;

FX925SF-ING-VWDC-PRE, 010P;

FX925SF-ING-VPDC-PRE, 010P

FCC ID: 2AGQIFX925F

Report Number : WT218003691

Test Laboratory : Shenzhen Academy of Metrology and Quality
Inspection
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Test report declaration

Applicant : FAMOCO SAS
Address : 59 avenue Victor Hugo Paris, France

Manufacturer : FAMOCO SAS
Address : 59 avenue Victor Hugo Paris, France

EUT : EMV Android Validator
Description
Model No : FX925SF-ING-VWDC-PRE, 011P;
FX925SF-ING-VPDC-PRE, 011P;
FX925SF-ING-VWDC-PRE, 010P;
FX925SF-ING-VPDC-PRE, 010P

Trade mark : Famoco
FCC ID : 2AGQIFX925F

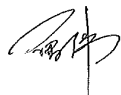
Test Standards:

FCC PART 22H , 24E AND 27(2020)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.26 (2015) & KDB971168 and the energy emitted by the sample EUT tested as described in this report is in compliance with FCC Rules Part 22H, 24E and 27.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

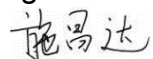
Project
Engineer:



(Zeng Wei 曾伟)

Date: Jan.14, 2022

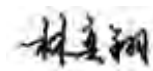
Checked by:



(Shi Changda 施昌达)

Date: Jan.14, 2022

Approved by:



(Lin Yixiang 林奕翔)

Date: Jan.14, 2022

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1. TEST RESULTS SUMMARY

Test Results Summary			
FCC Measurement Specification	FCC Limits Part(s)	Description	Result
2.1046	22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Effective Radiated Power of Transmitter	PASS
2.1046	22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Peak to Average Ratio	PASS
2.1049	22.917(b) 24.238(b) 27.53	Occupied Bandwidth	PASS
2.1051	22.917 24.238 27.53	Spurious Emission at Antenna Terminal	PASS
2.1053	22.917 24.238 27.53	Radiated Spurious Emissions	PASS
2.1055	22.355 24.235 27.54	Frequency Stability	PASS

Remark: "N/A" means "Not applicable."

The tests documented in this report were performed in accordance with ANSI C63.26 (2015), FCC CFR 47 Part 2, Part 22H, 24E & Part 27.

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

The lab will not be liable for any loss or damage resulting from false, inaccurate, inappropriate or incomplete product information provided by the applicant/manufacturer.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations: China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

The Laboratory is registered to perform emission tests with VCCI, and the registration number are C-20048, G20076, R-20077, R-20078, and T-20047.

The Laboratory is Accredited Testing Laboratory of American Association for Laboratory Accreditation (A2LA) and certificate number is 3292.01.

2.3. Measurement Uncertainty

For a 95% confidence level ($k = 2$), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

Radiated Emission

30MHz~1000MHz 4.5dB

1GHz~26.5GHz 4.6dB

26dB & Occupied Bandwidth: $\pm 0.39\%$

Frequency Stability: $\pm 0.42\%$

Peak to Average Ratio: 0.45 dB

Conducted power: 0.3 dB

Temperature: ± 0.698

Supply voltages: $\pm 0.15\%$

3. PRODUCT DESCRIPTION

3.1.EUT Description

Specification of the Equipment under Test

Hardware Revision:	FX925F-P	
Software Revision:	MOLY.LR12A.R2.MP.V44.1.P1	
Tx Frequency:	GSM850:	824 ~ 849 MHz
	PCS1900:	1850 ~ 1910 MHz
	WCDMA 850:	824 ~ 849 MHz
	WCDMA 1900:	1850 ~ 1910 MHz
	LTE Band 2:	1850 ~ 1910 MHz
	LTE Band 4:	1710 ~ 1755 MHz
	LTE Band 5:	824 ~ 849 MHz
	LTE Band 7:	2500 ~ 2570 MHz
	LTE Band 12:	699 ~ 716 MHz
	LTE Band 13:	777 ~ 787 MHz
	LTE Band 17:	704 ~ 716 MHz
	LTE Band 38:	2570 ~ 2620 MHz
	LTE Band 41:	2535 ~ 2655 MHz
Rx Frequency:	GSM850:	869 ~ 894 MHz
	PCS1900:	1930 ~ 1990 MHz
	WCDMA 850:	869 ~ 894 MHz
	WCDMA 1900:	1930 ~ 1990 MHz
	LTE Band 2:	1930 ~ 1990 MHz
	LTE Band 4:	2110 ~ 2155 MHz
	LTE Band 5:	869 ~ 894 MHz
	LTE Band 7:	2620 ~ 2690 MHz
	LTE Band 12:	729 ~ 746 MHz
	LTE Band 13:	746 ~ 756 MHz
	LTE Band 17:	734 ~ 746 MHz
	LTE Band 38:	2570 ~ 2620 MHz
	LTE Band 41:	2535 ~ 2655 MHz
Type(s) of Modulation:	GSM: GMSK, 8PSK WCDMA: QPSK LTE: QPSK, 16QAM	

Antenna Type:	PIFA antenna
Antenna Gain:	699MHz~800MHz: -0.4dBi 824MHz~849MHz: -0.39dBi 1710MHz~1780MHz: 0.45dBi 1850MHz~1910MHz: 0.46dBi 2500MHz~2570MHz: 1.17dBi
Operating voltage:	DC: 10.8V (Low)/12.0V (Nominal)/ 13.2V (Max)
Remark:	This is test report is for application of FCC ID: 2AGQIFX925F, which consists of reuse data of FCC ID: 2AGQIFX205. This report updates the standard FCC PART 22H , 24E and 27(2018) to FCC PART 22H , 24E and 27 (2020).See the APPENDIX I Product Equality Declaration for the differences between the new model (FX915SC-ASK-VPDC-GEN, 1114; FX915SC-ASK-VPDC-GEN, 1104; FX915SC-ASK-VWDC-GEN, 1114; FX915SC-ASK-VWDC-GEN, 1104) and the original model (FX925F PM, FX925F WM). Considering above changes, in this test report, only the worst case of Radiated spurious emission: GSM850 was re-tested, the other test data were reused the original test report No.: WT198005846.

Identification of the Equipment Under Test (EUT)

EUT	Serial Number/IMEI	HW Version	SW Version	Notes
1	355288101468611	FX925F,1	MOLY.LR12A.R 2.MP.V44.1	Conducted testing sample.
2.	355288101468314	FX925F,1	MOLY.LR12A.R 2.MP.V44.1	Radiated testing sample.
3.	355288101468467	FX925F-P	MOLY.LR12A.R 2.MP.V44.1.P1	Radiated testing sample.

Identification of Accessory equipment

AE #	Type	Manufacturer	Model	Serial Number
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3.2.Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: 2AGQIFX925F filing to comply with FCC PART 22H, 24E AND 27.

3.3.Block Diagram of EUT Configuration

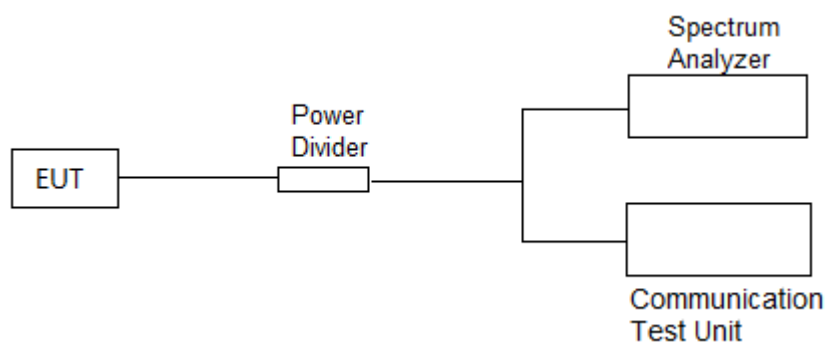


Figure 1 EUT setup of test mode 1, 2, 3, 4, 5

3.4. Operating Condition of EUT

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission (X plane).

- TM1:** GSM Mode with GMSK Modulation
- TM2:** EDGE Mode with 8PSK Modulation
- TM3:** WCDMA Mode with QPSK Modulation
- TM4:** LTE Mode with QPSK Modulation
- TM5:** LTE Mode with 16QAM Modulation

The maximum power levels are GSM mode for GMSK link, Edge mode for 8PSK link, WCDMA mode for QPSK link, LTE Mode for QPSK link ,LTE mode for 16QAM link. only these modes were used for all tests.

The conducted power tables are as follows:

Band: GSM850	Average Power [dBm]		
Channel	128	190	251
Frequency (MHz)	824.2	836.6	848.8
GSM (GMSK, 1 Tx slot)	32.75	32.71	32.49
GPRS (GMSK, 1 Tx slot)	32.74	32.68	32.50
GPRS (GMSK, 2 Tx slots)	32.18	32.11	31.51
GPRS (GMSK, 3 Tx slots)	29.90	29.82	29.33
GPRS (GMSK, 4 Tx slots)	28.66	28.69	28.53
EDGE (8PSK, 1 Tx slot)	28.39	28.38	28.80
EDGE (8PSK, 2 Tx slot)	26.66	27.00	27.54
EDGE (8PSK, 3 Tx slot)	24.04	24.74	25.53
EDGE (8PSK, 4 Tx slot)	23.01	23.00	23.46

Band: GSM1900	Average Power [dBm]		
Channel	512	661	810
Frequency (MHz)	1850.2	1880	1909.8
GSM (GMSK, 1 Tx slot)	30.58	30.49	30.13
GPRS (GMSK, 1 Tx slot)	30.53	30.21	29.98
GPRS (GMSK, 2 Tx slots)	29.54	29.25	29.25
GPRS (GMSK, 3 Tx slots)	27.93	27.70	27.54
GPRS (GMSK, 4 Tx slots)	26.70	26.57	26.49
EDGE (8PSK, 1 Tx slot)	26.66	26.65	26.70
EDGE (8PSK, 2 Tx slot)	24.85	25.06	25.10
EDGE (8PSK, 3 Tx slot)	22.45	22.64	22.50
EDGE (8PSK, 4 Tx slot)	20.91	21.06	21.08

Band: WCDMA Band II	Average Power [dBm]		
Channel	9262	9400	9538
Frequency (MHz)	1852.4	1880.0	1907.6
RMC 12.2K	22.22	22.19	22.26
HSDPA Subtest-1	21.13	21.51	21.56
HSDPA Subtest-2	20.54	21.03	21.15
HSDPA Subtest-3	20.87	21.17	21.13
HSDPA Subtest-4	20.57	21.06	20.89
HSUPA Subtest-1	20.58	21.12	21.25
HSUPA Subtest-2	20.07	20.42	20.53
HSUPA Subtest-3	20.19	19.99	20.15
HSUPA Subtest-4	20.48	20.77	20.84
HSUPA Subtest-5	21.13	21.14	21.55

Band :WCDMA Band V	Average Power [dBm]		
Channel	4,132	4,182	4,233
Frequency (MHz)	826.4	836.4	846.6
RMC 12.2K	23.39	23.19	23.03
HSDPA Subtest-1	22.54	22.30	22.36
HSDPA Subtest-2	21.80	21.69	21.58
HSDPA Subtest-3	21.85	21.44	21.51
HSDPA Subtest-4	21.82	21.44	21.47
HSUPA Subtest-1	20.15	20.27	20.34
HSUPA Subtest-2	20.27	20.34	20.63
HSUPA Subtest-3	21.08	21.29	21.44
HSUPA Subtest-4	19.86	19.81	19.96
HSUPA Subtest-5	21.41	21.35	21.51

LTE Band 2(Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	18607	1850.7	1	0	23.47
			1	3	23.68
			1	5	23.57
			3	0	23.62
			3	2	23.66
			3	3	23.62
			6	0	22.50
	18900	1880	1	0	23.16
			1	3	23.34
			1	5	23.18
			3	0	23.39
			3	2	23.27
			3	3	23.19
			6	0	22.33
	19193	1909.3	1	0	23.10
			1	3	23.11
			1	5	22.99
			3	0	23.13
			3	2	22.59
			3	3	22.56
			6	0	21.45
16QAM	18607	1850.7	1	0	22.65
			1	3	22.77
			1	5	22.61
			3	0	22.57
			3	2	22.69
			3	3	22.60
			6	0	21.48
	18900	1880	1	0	22.43
			1	3	22.75
			1	5	22.47
			3	0	22.24
			3	2	22.12
			3	3	22.27
			6	0	21.35
	19193	1909.3	1	0	22.13
			1	3	22.32
			1	5	22.23
			3	0	22.05
			3	2	21.50
			3	3	21.59
			6	0	20.66

LTE Band 2(Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	18615	1851.5	1	0	22.92
			1	7	22.85
			1	14	22.74
			8	0	21.82
			8	4	21.83
			8	7	21.87
			15	0	21.86
	18900	1880	1	0	22.67
			1	7	22.70
			1	14	22.54
			8	0	21.58
			8	4	21.81
			8	7	21.69
			15	0	21.57
	19185	1908.5	1	0	22.41
			1	7	22.48
			1	14	22.38
			8	0	21.39
			8	4	21.57
			8	7	21.48
			15	0	21.40
16QAM	18615	1851.5	1	0	22.00
			1	7	22.12
			1	14	22.01
			8	0	21.04
			8	4	20.90
			8	7	20.84
			15	0	20.87
	18900	1880	1	0	21.96
			1	7	21.91
			1	14	22.03
			8	0	20.73
			8	4	20.75
			8	7	20.63
			15	0	20.74
	19185	1908.5	1	0	21.62
			1	7	21.71
			1	14	21.59
			8	0	20.51
			8	4	20.43
			8	7	20.43
			15	0	20.54

LTE Band 2 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	18625	1852.5	1	0	22.92
			1	12	23.15
			1	24	22.73
			12	0	21.73
			12	6	21.90
			12	13	21.81
			25	0	21.92
	18900	1880	1	0	22.64
			1	12	23.00
			1	24	22.63
			12	0	21.64
			12	6	21.80
			12	13	21.58
			25	0	21.77
	19175	1907.5	1	0	22.49
			1	12	22.71
			1	24	22.45
			12	0	21.47
			12	6	21.54
			12	13	21.33
			25	0	21.55
16QAM	18625	1852.5	1	0	22.12
			1	12	22.30
			1	24	22.04
			12	0	20.84
			12	6	21.03
			12	13	20.99
			25	0	20.83
	18900	1880	1	0	21.82
			1	12	22.08
			1	24	21.83
			12	0	20.87
			12	6	20.84
			12	13	20.87
			25	0	20.82
	19175	1907.5	1	0	21.66
			1	12	21.89
			1	24	21.48
			12	0	20.59
			12	6	20.44
			12	13	20.43
			25	0	20.48

LTE Band 2 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	18650	1855	1	0	22.93
			1	24	23.10
			1	49	22.71
			25	0	21.78
			25	12	21.85
			25	25	22.09
			50	0	21.81
	18900	1880	1	0	22.67
			1	24	22.90
			1	49	22.62
			25	0	21.74
			25	12	21.68
			25	25	21.72
			50	0	21.68
	19150	1905	1	0	22.60
			1	24	22.72
			1	49	22.41
			25	0	21.60
			25	12	21.44
			25	25	21.44
			50	0	21.65
16QAM	18650	1855	1	0	22.16
			1	24	22.38
			1	49	21.94
			25	0	20.99
			25	12	21.05
			25	25	21.02
			50	0	20.86
	18900	1880	1	0	22.06
			1	24	22.26
			1	49	21.77
			25	0	20.87
			25	12	20.87
			25	25	20.77
			50	0	20.71
	19150	1905	1	0	21.60
			1	24	21.83
			1	49	21.38
			25	0	20.76
			25	12	20.46
			25	25	20.55
			50	0	20.56

LTE Band 2 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	18675	1857.5	1	0	22.75
			1	37	22.78
			1	74	22.64
			37	0	21.88
			37	18	21.90
			37	38	21.81
			75	0	21.90
	18900	1880	1	0	22.67
			1	37	22.65
			1	74	22.51
			37	0	21.85
			37	18	21.87
			37	38	21.72
			75	0	21.98
	19125	1902.5	1	0	22.62
			1	37	22.65
			1	74	22.45
			37	0	21.71
			37	18	21.57
			37	38	21.56
			75	0	21.59
16QAM	18675	1857.5	1	0	22.05
			1	37	22.14
			1	74	21.78
			37	0	20.89
			37	18	21.00
			37	38	21.04
			75	0	20.86
	18900	1880	1	0	21.93
			1	37	21.94
			1	74	21.90
			37	0	20.91
			37	18	20.79
			37	38	20.78
			75	0	20.88
	19125	1902.5	1	0	21.68
			1	37	21.63
			1	74	21.68
			37	0	20.78
			37	18	20.64
			37	38	20.52
			75	0	20.73

LTE Band 2 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	18700	1860	1	0	22.79
			1	49	23.02
			1	99	22.55
			50	0	21.63
			50	25	21.82
			50	50	21.56
			100	0	21.64
	18900	1880	1	0	22.61
			1	49	22.96
			1	99	22.45
			50	0	21.80
			50	25	21.68
			50	50	21.74
			100	0	21.90
	19100	1900	1	0	22.26
			1	49	22.65
			1	99	22.14
			50	0	21.49
			50	25	21.62
			50	50	21.37
			100	0	21.55
16QAM	18700	1860	1	0	22.01
			1	49	22.25
			1	99	21.63
			50	0	20.68
			50	25	20.84
			50	50	20.62
			100	0	20.67
	18900	1880	1	0	21.93
			1	49	22.22
			1	99	21.81
			50	0	20.92
			50	25	20.69
			50	50	20.77
			100	0	20.84
	19100	1900	1	0	21.58
			1	49	21.79
			1	99	21.31
			50	0	20.58
			50	25	20.55
			50	50	20.35
			100	0	20.53

LTE Band 4 (Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	131979	1710.7	1	0	22.45
			1	3	22.58
			1	5	22.58
			3	0	22.59
			3	2	22.59
			3	3	22.64
			6	0	21.62
	132322	1745	1	0	22.55
			1	3	22.61
			1	5	22.48
			3	0	22.67
			3	2	22.55
			3	3	22.56
			6	0	21.78
	132665	1779.3	1	0	22.58
			1	3	
			1	5	22.64
			3	0	22.68
			3	2	22.47
			3	3	22.52
			6	0	21.76
16QAM	131979	1710.7	1	0	21.78
			1	3	21.88
			1	5	21.85
			3	0	21.54
			3	2	21.60
			3	3	21.48
			6	0	20.38
	132322	1745	1	0	21.80
			1	3	21.99
			1	5	21.73
			3	0	21.63
			3	2	21.66
			3	3	21.79
			6	0	20.76
	132665	1779.3	1	0	21.82
			1	3	21.81
			1	5	21.70
			3	0	21.73
			3	2	21.72
			3	3	21.73
			6	0	20.48

LTE Band 4 (Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	131987	1711.5	1	0	22.63
			1	7	22.62
			1	14	22.62
			8	0	21.68
			8	4	21.68
			8	7	21.76
			15	0	21.57
	132322	1745	1	0	22.75
			1	7	22.60
			1	14	22.69
			8	0	21.85
			8	4	21.75
			8	7	21.68
			15	0	21.73
	132657	1778.5	1	0	22.60
			1	7	22.50
			1	14	22.60
			8	0	21.84
			8	4	21.85
			8	7	21.78
16QAM	131987	1711.5	1	0	21.96
			1	7	21.91
			1	14	22.07
			8	0	20.62
			8	4	20.69
			8	7	20.68
			15	0	20.53
	132322	1745	1	0	21.82
			1	7	21.79
			1	14	21.75
			8	0	20.62
			8	4	20.69
			8	7	20.60
			15	0	20.74
	132657	1778.5	1	0	21.79
			1	7	21.69
			1	14	21.73
			8	0	20.79
			8	4	20.76
			8	7	20.61
			15	0	20.65

LTE Band 4 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	131997	1712.5	1	0	22.67
			1	12	23.08
			1	24	22.78
			12	0	21.57
			12	6	21.59
			12	13	21.73
			25	0	21.75
	132322	1745	1	0	22.74
			1	12	23.04
			1	24	22.78
			12	0	21.78
			12	6	21.65
			12	13	21.63
			25	0	21.63
	132647	1777.5	1	0	22.62
			1	12	22.97
			1	24	22.57
			12	0	21.72
			12	6	21.75
			12	13	21.70
			25	0	21.75
16QAM	131997	1712.5	1	0	21.62
			1	12	22.16
			1	24	21.90
			12	0	20.60
			12	6	20.82
			12	13	20.68
			25	0	20.53
	132322	1745	1	0	21.87
			1	12	22.13
			1	24	21.75
			12	0	20.57
			12	6	20.78
			12	13	20.72
			25	0	20.79
	132647	1777.5	1	0	21.73
			1	12	22.06
			1	24	21.79
			12	0	20.71
			12	6	20.82
			12	13	20.65
			25	0	20.57

LTE Band 4 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	132022	1715	1	0	22.86
			1	24	23.20
			1	49	23.10
			25	0	21.92
			25	12	22.13
			25	25	22.08
			50	0	22.01
	132322	1745	1	0	23.08
			1	24	23.31
			1	49	23.10
			25	0	22.10
			25	12	22.26
			25	25	22.26
			50	0	22.21
	132622	1775	1	0	23.12
			1	24	23.26
			1	49	23.02
			25	0	22.17
			25	12	22.28
			25	25	22.10
			50	0	22.31
16QAM	132022	1715	1	0	22.07
			1	24	22.53
			1	49	22.41
			25	0	21.01
			25	12	20.93
			25	25	21.08
			50	0	20.98
	132322	1745	1	0	22.22
			1	24	22.40
			1	49	22.32
			25	0	21.11
			25	12	21.17
			25	25	21.14
			50	0	21.21
	132622	1775	1	0	22.30
			1	24	22.40
			1	49	22.29
			25	0	21.23
			25	12	21.23
			25	25	21.16
			50	0	21.12

LTE Band 4 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	132047	1717.5	1	0	22.64
			1	37	22.79
			1	74	22.85
			37	0	22.05
			37	18	21.99
			37	38	22.16
			75	0	22.11
	132322	1745	1	0	22.91
			1	37	22.97
			1	74	23.00
			37	0	22.21
			37	18	22.09
			37	38	22.31
			75	0	22.13
	132597	1772.5	1	0	22.90
			1	37	23.07
			1	74	23.01
			37	0	22.41
			37	18	22.34
			37	38	22.26
			75	0	22.34
16QAM	132047	1717.5	1	0	21.89
			1	37	22.12
			1	74	22.10
			37	0	20.88
			37	18	20.93
			37	38	21.14
			75	0	20.98
	132322	1745	1	0	22.22
			1	37	22.17
			1	74	22.24
			37	0	21.02
			37	18	21.04
			37	38	21.19
			75	0	21.12
	132597	1772.5	1	0	22.02
			1	37	22.22
			1	74	22.19
			37	0	21.28
			37	18	21.27
			37	38	21.09
			75	0	21.19

LTE Band 4 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	132072	1720	1	0	22.59
			1	49	23.12
			1	99	22.75
			50	0	21.78
			50	25	21.93
			50	50	21.88
			100	0	22.01
	132322	1745	1	0	22.70
			1	49	23.09
			1	99	22.89
			50	0	22.02
			50	25	22.00
			50	50	22.00
			100	0	21.91
	132572	1770	1	0	22.54
			1	49	23.11
			1	99	22.74
			50	0	22.13
			50	25	22.09
			50	50	22.04
			100	0	22.02
16QAM	132072	1720	1	0	21.76
			1	49	22.28
			1	99	21.96
			50	0	20.84
			50	25	20.99
			50	50	20.85
			100	0	20.95
	132322	1745	1	0	22.00
			1	49	22.44
			1	99	22.03
			50	0	21.01
			50	25	21.05
			50	50	21.01
			100	0	20.84
	132572	1770	1	0	21.95
			1	49	22.20
			1	99	21.93
			50	0	21.03
			50	25	21.09
			50	50	20.81
			100	0	20.96

LTE Band 5(Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20407	824.7	1	0	22.85
			1	3	22.91
			1	5	22.83
			3	0	22.78
			3	2	22.87
			3	3	22.83
			6	0	21.80
	20525	836.5	1	0	22.82
			1	3	22.87
			1	5	22.82
			3	0	22.74
			3	2	22.87
			3	3	22.77
			6	0	21.69
	20643	848.3	1	0	22.88
			1	3	22.93
			1	5	22.83
			3	0	22.83
			3	2	22.80
			3	3	22.97
			6	0	21.89
16QAM	20407	824.7	1	0	21.88
			1	3	22.03
			1	5	21.88
			3	0	21.67
			3	2	21.74
			3	3	21.68
			6	0	20.87
	20525	836.5	1	0	21.77
			1	3	21.97
			1	5	21.81
			3	0	21.67
			3	2	21.67
			3	3	21.73
			6	0	20.93
	20643	848.3	1	0	21.79
			1	3	21.85
			1	5	21.93
			3	0	21.75
			3	2	21.74
			3	3	21.68
			6	0	20.82

LTE Band 5(Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20415	825.5	1	0	23.52
			1	7	23.46
			1	14	23.50
			8	0	22.42
			8	4	22.54
			8	7	22.46
			15	0	22.46
	20525	836.5	1	0	23.27
			1	7	23.29
			1	14	23.41
			8	0	22.34
			8	4	22.37
			8	7	22.36
			15	0	22.38
	20635	847.5	1	0	23.39
			1	7	23.34
			1	14	23.36
			8	0	22.36
			8	4	22.41
			8	7	22.46
			15	0	22.32
16QAM	20415	825.5	1	0	22.84
			1	7	22.68
			1	14	22.69
			8	0	21.52
			8	4	21.57
			8	7	21.43
			15	0	21.37
	20525	836.5	1	0	22.64
			1	7	22.56
			1	14	22.57
			8	0	21.52
			8	4	21.61
			8	7	21.46
			15	0	21.43
	20635	847.5	1	0	22.61
			1	7	22.59
			1	14	22.60
			8	0	21.37
			8	4	21.47
			8	7	21.52
			15	0	21.37

LTE Band 5(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20425	826.5	1	0	23.42
			1	12	23.88
			1	24	23.47
			12	0	22.35
			12	6	22.49
			12	13	22.44
			25	0	22.49
	20525	836.5	1	0	23.30
			1	12	23.73
			1	24	23.50
			12	0	22.42
			12	6	22.36
			12	13	22.32
			25	0	22.41
	20625	846.5	1	0	23.25
			1	12	23.69
			1	24	23.51
			12	0	22.46
			12	6	22.46
			12	13	22.43
			25	0	22.35
16QAM	20425	826.5	1	0	22.61
			1	12	22.92
			1	24	22.72
			12	0	21.48
			12	6	21.64
			12	13	21.57
			25	0	21.55
	20525	836.5	1	0	22.41
			1	12	22.82
			1	24	22.74
			12	0	21.41
			12	6	21.52
			12	13	21.44
			25	0	21.42
	20625	846.5	1	0	22.55
			1	12	22.99
			1	24	22.68
			12	0	21.45
			12	6	21.56
			12	13	21.49
			25	0	21.40

LTE Band 5 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20450	829	1	0	23.45
			1	24	23.70
			1	49	23.61
			25	0	22.49
			25	12	22.46
			25	25	22.53
			50	0	22.46
	20525	836.5	1	0	23.41
			1	24	23.52
			1	49	23.48
			25	0	22.50
			25	12	22.49
			25	25	22.58
			50	0	22.46
	20600	844	1	0	23.12
			1	24	23.44
			1	49	23.63
			25	0	22.31
			25	12	22.32
			25	25	22.36
			50	0	22.37
16QAM	20450	829	1	0	22.72
			1	24	23.02
			1	49	22.77
			25	0	21.53
			25	12	21.61
			25	25	21.49
			50	0	21.52
	20525	836.5	1	0	22.61
			1	24	22.85
			1	49	22.84
			25	0	21.63
			25	12	21.58
			25	25	21.63
			50	0	21.57
	20600	844	1	0	22.41
			1	24	22.75
			1	49	22.70
			25	0	21.41
			25	12	21.50
			25	25	21.47
			50	0	21.50

LTE Band 7 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20775	2502.5	1	0	20.67
			1	12	20.99
			1	24	20.64
			12	0	19.75
			12	6	19.74
			12	13	19.80
			25	0	19.78
	21100	2535	1	0	20.80
			1	12	20.97
			1	24	20.79
			12	0	19.79
			12	6	19.84
			12	13	19.71
			25	0	19.69
	21425	2567.5	1	0	20.83
			1	12	21.12
			1	24	20.87
			12	0	19.94
			12	6	20.02
			12	13	19.82
			25	0	19.96
16QAM	20775	2502.5	1	0	19.90
			1	12	20.23
			1	24	20.01
			12	0	18.83
			12	6	18.82
			12	13	18.91
			25	0	18.83
	21100	2535	1	0	19.89
			1	12	20.14
			1	24	19.97
			12	0	18.65
			12	6	18.83
			12	13	18.70
			25	0	18.83
	21425	2567.5	1	0	20.06
			1	12	20.29
			1	24	20.20
			12	0	18.96
			12	6	19.05
			12	13	18.83
			25	0	18.96

LTE Band 7 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20800	2505	1	0	20.67
			1	24	20.84
			1	49	20.80
			25	0	19.75
			25	12	19.67
			25	25	19.76
			50	0	19.77
	21100	2535	1	0	20.75
			1	24	20.84
			1	49	20.79
			25	0	19.75
			25	12	19.83
			25	25	19.77
			50	0	19.85
	21400	2565	1	0	20.66
			1	24	21.09
			1	49	20.84
			25	0	19.93
			25	12	19.83
			25	25	20.03
			50	0	19.93
16QAM	20800	2505	1	0	19.90
			1	24	20.22
			1	49	19.99
			25	0	18.69
			25	12	18.78
			25	25	18.83
			50	0	18.74
	21100	2535	1	0	19.95
			1	24	20.15
			1	49	20.07
			25	0	18.81
			25	12	18.86
			25	25	18.84
			50	0	18.82
	21400	2565	1	0	20.01
			1	24	20.39
			1	49	20.18
			25	0	19.01
			25	12	18.93
			25	25	18.95
			50	0	19.01

LTE Band 7 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20825	2507.5	1	0	20.65
			1	37	20.71
			1	74	20.64
			37	0	19.63
			37	18	19.84
			37	38	19.90
			75	0	19.87
	21100	2535	1	0	20.74
			1	37	20.81
			1	74	20.62
			37	0	19.73
			37	18	19.78
			37	38	19.94
			75	0	19.99
	21375	2562.5	1	0	20.58
			1	37	20.80
			1	74	20.73
			37	0	19.83
			37	18	19.89
			37	38	19.97
			75	0	20.04
16QAM	20825	2507.5	1	0	19.89
			1	37	20.07
			1	74	20.01
			37	0	18.72
			37	18	18.74
			37	38	18.93
			75	0	18.71
	21100	2535	1	0	19.96
			1	37	20.04
			1	74	19.87
			37	0	18.84
			37	18	18.74
			37	38	18.80
			75	0	18.88
	21375	2562.5	1	0	19.89
			1	37	20.18
			1	74	20.14
			37	0	18.89
			37	18	18.97
			37	38	18.94
			75	0	18.92

LTE Band 7 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	20850	2510	1	0	20.07
			1	49	20.60
			1	99	20.04
			50	0	19.12
			50	25	19.58
			50	50	19.72
			100	0	19.35
	21100	2535	1	0	19.91
			1	49	20.30
			1	99	19.94
			50	0	19.31
			50	25	19.32
			50	50	19.54
			100	0	19.36
	21350	2560	1	0	20.22
			1	49	20.55
			1	99	20.29
			50	0	19.35
			50	25	19.36
			50	50	19.37
			100	0	19.49
16QAM	20850	2510	1	0	19.39
			1	49	19.90
			1	99	19.53
			50	0	18.20
			50	25	18.66
			50	50	18.66
			100	0	18.23
	21100	2535	1	0	19.29
			1	49	19.52
			1	99	19.36
			50	0	18.29
			50	25	18.40
			50	50	18.58
			100	0	18.22
	21350	2560	1	0	19.35
			1	49	19.87
			1	99	19.58
			50	0	18.28
			50	25	18.37
			50	50	18.40
			100	0	18.41

LTE Band 12(Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23017	699.7	1	0	23.17
			1	3	23.32
			1	5	23.11
			3	0	23.17
			3	2	23.31
			3	3	23.12
			6	0	22.29
	23095	707.5	1	0	23.23
			1	3	23.29
			1	5	23.20
			3	0	23.20
			3	2	23.32
			3	3	23.37
			6	0	22.35
	23173	715.3	1	0	23.56
			1	3	23.74
			1	5	23.50
			3	0	23.43
			3	2	23.46
			3	3	23.38
			6	0	22.49
16QAM	23017	699.7	1	0	22.25
			1	3	22.37
			1	5	22.20
			3	0	22.15
			3	2	22.27
			3	3	22.12
			6	0	21.19
	23095	707.5	1	0	22.43
			1	3	22.50
			1	5	22.34
			3	0	22.34
			3	2	22.42
			3	3	22.33
			6	0	21.33
	23173	715.3	1	0	22.44
			1	3	22.68
			1	5	22.46
			3	0	22.41
			3	2	22.44
			3	3	22.42
			6	0	21.32

LTE Band 12(Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23025	700.5	1	0	23.16
			1	7	23.27
			1	14	23.18
			8	0	22.13
			8	4	22.20
			8	7	22.06
			15	0	22.04
	23095	707.5	1	0	23.07
			1	7	23.14
			1	14	23.19
			8	0	22.30
			8	4	22.27
			8	7	22.24
			15	0	22.32
	23165	714.5	1	0	23.48
			1	7	23.41
			1	14	23.51
			8	0	22.39
			8	4	22.61
			8	7	22.46
16QAM	23025	700.5	15	0	22.41
			1	0	22.30
			1	7	22.19
			1	14	22.35
			8	0	20.93
			8	4	20.99
			8	7	21.09
	23095	707.5	15	0	21.04
			1	0	22.47
			1	7	22.43
			1	14	22.44
			8	0	21.15
			8	4	21.29
			8	7	21.34
	23165	714.5	15	0	21.15
			1	0	22.41
			1	7	22.54
			1	14	22.56
			8	0	21.36
			8	4	21.42
			8	7	21.35
			15	0	21.20

LTE Band 12(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23035	701.5	1	0	23.29
			1	12	23.59
			1	24	23.23
			12	0	22.10
			12	6	22.19
			12	13	22.04
			25	0	22.21
	23095	707.5	1	0	23.19
			1	12	23.36
			1	24	23.25
			12	0	22.13
			12	6	22.18
			12	13	22.37
			25	0	22.27
	23155	713.5	1	0	23.30
			1	12	23.74
			1	24	23.44
			12	0	22.31
			12	6	22.51
			12	13	22.37
			25	0	22.36
16QAM	23035	701.5	1	0	22.17
			1	12	22.48
			1	24	22.39
			12	0	21.05
			12	6	21.15
			12	13	21.03
			25	0	21.17
	23095	707.5	1	0	22.35
			1	12	22.69
			1	24	22.47
			12	0	21.29
			12	6	21.34
			12	13	21.25
			25	0	21.20
	23155	713.5	1	0	22.33
			1	12	22.75
			1	24	22.42
			12	0	21.46
			12	6	21.44
			12	13	21.22
			25	0	21.27

LTE Band 12(Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23060	704	1	0	23.08
			1	24	23.30
			1	49	23.30
			25	0	22.19
			25	12	22.15
			25	25	22.34
			50	0	22.24
	23095	707.5	1	0	23.10
			1	24	23.34
			1	49	23.34
			25	0	22.14
			25	12	22.38
			25	25	22.35
			50	0	22.40
	23130	711	1	0	23.23
			1	24	23.48
			1	49	23.56
			25	0	22.33
			25	12	22.41
			25	25	22.42
			50	0	22.20
16QAM	23060	704	1	0	22.28
			1	24	22.52
			1	49	22.56
			25	0	21.23
			25	12	21.12
			25	25	21.30
			50	0	21.24
	23095	707.5	1	0	22.37
			1	24	22.55
			1	49	22.39
			25	0	21.27
			25	12	21.11
			25	25	21.33
			50	0	21.25
	23130	711	1	0	22.36
			1	24	22.52
			1	49	22.57
			25	0	21.28
			25	12	21.23
			25	25	21.25
			50	0	21.16

LTE Band 13(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23205	779.5	1	0	23.96
			1	12	24.25
			1	24	23.80
			12	0	22.83
			12	6	22.84
			12	13	22.85
			25	0	22.88
	23230	782	1	0	23.69
			1	12	24.00
			1	24	23.74
			12	0	22.66
			12	6	22.66
			12	13	22.78
			25	0	22.63
	23255	784.5	1	0	23.65
			1	12	23.98
			1	24	23.64
			12	0	22.52
			12	6	22.55
			12	13	22.46
			25	0	22.62
16QAM	23205	779.5	1	0	23.02
			1	12	23.28
			1	24	22.99
			12	0	21.94
			12	6	21.96
			12	13	21.98
			25	0	21.77
	23230	782	1	0	22.91
			1	12	23.17
			1	24	22.84
			12	0	21.63
			12	6	21.83
			12	13	21.72
			25	0	21.71
	23255	784.5	1	0	22.69
			1	12	23.07
			1	24	22.77
			12	0	21.62
			12	6	21.69
			12	13	21.69
			25	0	21.54

LTE Band 13(Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23230	782	1	0	23.81
			1	24	23.82
			1	49	23.59
			25	0	22.65
			25	12	22.78
			25	25	22.73
			50	0	22.72
16QAM	23230	782	1	0	22.98
			1	24	23.12
			1	49	22.75
			25	0	21.75
			25	12	21.75
			25	25	21.61
			50	0	21.63

LTE Band 17(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23755	706.5	1	0	23.15
			1	12	23.56
			1	24	23.37
			12	0	22.35
			12	6	22.28
			12	13	22.41
			25	0	22.35
	23790	710	1	0	23.35
			1	12	23.75
			1	24	23.48
			12	0	22.27
			12	6	22.45
			12	13	22.38
			25	0	22.31
	23825	713.5	1	0	23.30
			1	12	23.82
			1	24	23.53
			12	0	22.40
			12	6	22.57
			12	13	22.44
			25	0	22.36
16QAM	23755	706.5	1	0	22.29
			1	12	22.76
			1	24	22.39
			12	0	21.26
			12	6	21.52
			12	13	21.39
			25	0	21.29
	23790	710	1	0	22.54
			1	12	22.94
			1	24	22.49
			12	0	21.30
			12	6	21.51
			12	13	21.42
			25	0	21.39
	23825	713.5	1	0	22.42
			1	12	22.85
			1	24	22.49
			12	0	21.53
			12	6	21.60
			12	13	21.30
			25	0	21.36

LTE Band 17(Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	23780	709	1	0	23.30
			1	24	23.50
			1	49	23.53
			25	0	22.35
			25	12	22.48
			25	25	22.45
			50	0	22.32
	23790	710	1	0	23.17
			1	24	23.59
			1	49	23.56
			25	0	22.40
			25	12	22.48
			25	25	22.41
			50	0	22.37
	23800	711	1	0	23.25
			1	24	23.60
			1	49	23.70
			25	0	22.40
			25	12	22.47
			25	25	22.38
			50	0	22.33
16QAM	23780	709	1	0	22.42
			1	24	22.68
			1	49	22.41
			25	0	21.25
			25	12	21.42
			25	25	21.26
			50	0	21.25
	23790	710	1	0	22.52
			1	24	22.70
			1	49	22.48
			25	0	21.18
			25	12	21.36
			25	25	21.30
			50	0	21.22
	23800	711	1	0	22.59
			1	24	22.68
			1	49	22.74
			25	0	21.29
			25	12	21.49
			25	25	21.24
			50	0	21.32

LTE Band 38 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	37775	2572.5	1	0	23.04
			1	12	23.36
			1	24	22.96
			12	0	21.93
			12	6	22.16
			12	13	21.91
			25	0	21.97
	38000	2595	1	0	22.96
			1	12	23.35
			1	24	22.86
			12	0	21.93
			12	6	22.06
			12	13	21.98
			25	0	21.94
	38225	2617.5	1	0	22.92
			1	12	23.31
			1	24	23.04
			12	0	21.92
			12	6	22.03
			12	13	21.88
			25	0	21.98
16QAM	37775	2572.5	1	0	21.97
			1	12	22.17
			1	24	21.91
			12	0	20.98
			12	6	21.04
			12	13	21.08
			25	0	21.07
	38000	2595	1	0	22.23
			1	12	22.60
			1	24	22.20
			12	0	21.08
			12	6	21.02
			12	13	20.95
			25	0	21.11
	38225	2617.5	1	0	21.97
			1	12	22.14
			1	24	21.78
			12	0	20.97
			12	6	20.99
			12	13	20.98
			25	0	21.01

LTE Band 38 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	37800	2575	1	0	23.07
			1	24	23.19
			1	49	23.01
			25	0	22.06
			25	12	21.98
			25	25	22.06
			50	0	22.00
	38000	2595	1	0	22.95
			1	24	23.10
			1	49	22.96
			25	0	22.13
			25	12	21.97
			25	25	22.12
			50	0	21.96
	38200	2615	1	0	22.97
			1	24	23.15
			1	49	23.00
			25	0	22.07
			25	12	22.13
			25	25	22.15
			50	0	22.07
16QAM	37800	2575	1	0	22.17
			1	24	22.40
			1	49	22.21
			25	0	21.09
			25	12	20.96
			25	25	20.93
			50	0	21.10
	38000	2595	1	0	22.14
			1	24	22.28
			1	49	22.20
			25	0	21.01
			25	12	20.90
			25	25	20.97
			50	0	21.00
	38200	2615	1	0	22.20
			1	24	22.27
			1	49	22.04
			25	0	20.94
			25	12	21.07
			25	25	21.01
			50	0	21.13

LTE Band 38 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	37825	2577.5	1	0	23.00
			1	37	22.92
			1	74	23.02
			37	0	22.11
			37	18	22.16
			37	38	22.13
			75	0	22.13
	38000	2595	1	0	22.96
			1	37	23.00
			1	74	22.95
			37	0	22.12
			37	18	21.98
			37	38	22.01
			75	0	22.02
	38175	2612.5	1	0	23.04
			1	37	23.12
			1	74	22.87
			37	0	21.96
			37	18	22.09
			37	38	22.12
			75	0	22.09
16QAM	37825	2577.5	1	0	22.12
			1	37	22.19
			1	74	22.16
			37	0	21.11
			37	18	21.11
			37	38	21.04
			75	0	20.95
	38000	2595	1	0	22.25
			1	37	22.26
			1	74	22.17
			37	0	21.12
			37	18	21.03
			37	38	21.06
			75	0	21.00
	38175	2612.5	1	0	22.03
			1	37	22.12
			1	74	22.06
			37	0	20.91
			37	18	20.95
			37	38	21.13
			75	0	21.03

LTE Band 38 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	37850	2580	1	0	22.91
			1	49	23.24
			1	99	22.85
			50	0	21.96
			50	25	22.02
			50	50	22.07
			100	0	21.98
	38000	2595	1	0	22.74
			1	49	23.31
			1	99	22.97
			50	0	22.03
			50	25	22.06
			50	50	22.01
			100	0	22.06
	38150	2610	1	0	22.67
			1	49	23.12
			1	99	22.81
			50	0	21.92
			50	25	22.09
			50	50	22.13
			100	0	21.91
16QAM	37850	2580	1	0	22.01
			1	49	22.34
			1	99	21.95
			50	0	21.01
			50	25	21.10
			50	50	20.94
			100	0	20.98
	38000	2595	1	0	22.06
			1	49	22.42
			1	99	22.06
			50	0	20.95
			50	25	20.94
			50	50	21.11
			100	0	20.94
	38150	2610	1	0	21.94
			1	49	22.31
			1	99	21.97
			50	0	20.91
			50	25	21.08
			50	50	21.09
			100	0	20.92

LTE Band 41 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	40265	2557.5	1	0	22.83
			1	12	23.13
			1	24	22.84
			12	0	21.90
			12	6	21.95
			12	13	21.86
			25	0	22.00
	40740	2605	1	0	22.93
			1	12	23.39
			1	24	22.98
			12	0	21.96
			12	6	21.94
			12	13	22.05
			25	0	22.04
	41215	2652.5	1	0	22.89
			1	12	23.19
			1	24	22.77
			12	0	21.80
			12	6	21.82
			12	13	21.82
			25	0	21.95
16QAM	40265	2557.5	1	0	22.06
			1	12	22.50
			1	24	22.31
			12	0	21.03
			12	6	21.03
			12	13	21.01
			25	0	20.90
	40740	2605	1	0	22.11
			1	12	22.33
			1	24	22.14
			12	0	20.87
			12	6	21.10
			12	13	21.06
			25	0	20.91
	41215	2652.5	1	0	21.81
			1	12	21.94
			1	24	21.81
			12	0	20.80
			12	6	20.76
			12	13	20.78
			25	0	20.75

LTE Band 41 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	40290	2560	1	0	22.87
			1	24	23.11
			1	49	22.87
			25	0	22.08
			25	12	22.06
			25	25	21.99
			50	0	22.06
	40740	2605	1	0	23.01
			1	24	23.22
			1	49	23.04
			25	0	22.06
			25	12	22.03
			25	25	22.02
			50	0	22.00
	41190	2650	1	0	22.79
			1	24	22.99
			1	49	22.87
			25	0	21.99
			25	12	21.87
			25	25	22.03
			50	0	21.92
16QAM	40290	2560	1	0	22.10
			1	24	22.31
			1	49	22.07
			25	0	20.86
			25	12	20.93
			25	25	21.01
			50	0	21.03
	40740	2605	1	0	22.09
			1	24	22.34
			1	49	22.22
			25	0	20.98
			25	12	20.95
			25	25	20.93
			50	0	21.04
	41190	2650	1	0	22.15
			1	24	22.29
			1	49	21.99
			25	0	20.95
			25	12	20.97
			25	25	20.89
			50	0	20.87

LTE Band 41 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	40315	2562.5	1	0	22.89
			1	37	23.11
			1	74	22.88
			37	0	22.08
			37	18	22.11
			37	38	22.05
			75	0	22.17
	40740	2605	1	0	22.84
			1	37	23.01
			1	74	22.99
			37	0	22.06
			37	18	22.13
			37	38	22.02
			75	0	22.15
	41165	2647.5	1	0	22.87
			1	37	22.94
			1	74	22.76
			37	0	21.92
			37	18	21.95
			37	38	21.98
			75	0	21.96
16QAM	40315	2562.5	1	0	22.08
			1	37	22.21
			1	74	22.28
			37	0	21.04
			37	18	21.01
			37	38	21.00
			75	0	21.00
	40740	2605	1	0	22.11
			1	37	22.22
			1	74	22.01
			37	0	20.99
			37	18	21.03
			37	38	21.03
			75	0	21.00
	41165	2647.5	1	0	22.02
			1	37	22.16
			1	74	21.99
			37	0	20.97
			37	18	20.91
			37	38	20.92
			75	0	20.90

LTE Band 41 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz					
Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power [dBm]
			Size	Offset	
QPSK	40340	2565	1	0	22.81
			1	49	23.18
			1	99	22.81
			50	0	21.90
			50	25	21.98
			50	50	22.01
			100	0	21.95
	40740	2605	1	0	22.87
			1	49	23.36
			1	99	22.83
			50	0	21.97
			50	25	22.04
			50	50	22.07
			100	0	21.91
	41140	2645	1	0	22.83
			1	49	23.17
			1	99	22.66
			50	0	21.90
			50	25	21.88
			50	50	21.98
			100	0	21.86
16QAM	40340	2565	1	0	21.91
			1	49	22.47
			1	99	22.10
			50	0	20.90
			50	25	21.00
			50	50	20.95
			100	0	21.01
	40740	2605	1	0	21.92
			1	49	22.31
			1	99	22.02
			50	0	20.98
			50	25	21.05
			50	50	21.11
			100	0	21.01
	41140	2645	1	0	21.72
			1	49	22.17
			1	99	21.74
			50	0	20.86
			50	25	20.92
			50	50	20.92
			100	0	20.89

3.5.Support Equipment List

Support Equipment List			
Name	Model No	S/N	Manufacturer
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3.6.Test Conditions

Date of test : Jan.07, 2022

Date of EUT Receive : Dec.10, 2021

Date of test : Oct.15, 2019 - Nov.20, 2019

Date of EUT Receive : Oct.15, 2019

Temperature: -30~50 °C

Relative Humidity: 42-53%

3.7.Special Accessories

Not available for this EUT intended for grant.

3.8.Equipment Modifications

Not available for this EUT intended for grant.

4. TEST EQUIPMENT USED

Radiated spurious test equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB8501/09	EMI Test Receiver	Rohde & Schwarz	ESU40	Mar.11, 2019	1 Year
SB5472/02	Bilog Antenna	Schwarzbeck	VULB9163	Jun.01, 2019	1 Year
SB3435	Horn Antenna	Rohde & Schwarz	HF906	Jan.01, 2018	1 Year
SB8501/11	Horn Antenna	ETS-Lindgren	3160-09	Jan.21,2017	3 Years
SB8501/17	Preamplifier	Rohde & Schwarz	SCU-18	Feb.20, 2019	1 Year
SB8501/16	Preamplifier	Rohde & Schwarz	SCU-26	Feb.18, 2019	1 Year
SB8501/14	Preamplifier	Rohde & Schwarz	SCU-03	Feb.20, 2019	1 Year
SB8501/02	Communication Test Unit	Rohde & Schwarz	CMU200	Nov.26, 2018	1 Year
SB12724/08	Wideband Radio communication Tester	Rohde & Schwarz	CMW500	May.29, 2019	1 Year
SB12724/06	Wideband Radio communication Tester	Rohde & Schwarz	CMW500	Sep.23, 2019	1 Year
--	Radiated Test Software	Rohde & Schwarz	EMC 32	--	--

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB8501/09	EMI Test Receiver	Rohde & Schwarz	ESU40	Feb.05, 2021	1 Year
SB5472/02	Bilog Antenna	Schwarzbeck	VULB9163	Nov.08, 2021	1 Year
SB3435	Horn Antenna	Rohde & Schwarz	HF906	Dec.03, 2021	1 Year
SB8501/17	Preamplifier	Rohde & Schwarz	SCU-18	Feb.05, 2021	1 Year
SB8501/14	Preamplifier	Rohde & Schwarz	SCU-03	Feb.05, 2021	1 Year
SB12724/06	Wideband Radio communication Tester	Rohde & Schwarz	CMW500	May 17, 2021	1 Year
--	Radiated Test Software	Rohde & Schwarz	EMC 32	--	--
SB9555/02	Fully Anechoic Chamber	Albatross	10.0*5.2*5.4(m)	Aug.25,2021	1 Year

Conducted test equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB8501/02	Communication Test Unit	Rohde & Schwarz	CMU200	Nov.26, 2018	1 Year
SB12724/08	Wideband Radio communication Tester	Rohde & Schwarz	CMW500	May.29, 2019	1 Year
SB12724/06	Wideband Radio communication Tester	Rohde & Schwarz	CMW500	Sep.23, 2019	1 Year
SB9721/02	Signal Analyzer	Agilent	N9020A	Nov.26, 2018	1 Year
SB7941/02	Signal Analyzer	Rohde & Schwarz	FSU26	May.29, 2019	1 Year
SB9721/07	DC Power Supply	Agilent	66319D	---	---
SB11818	Temperature & Humidity Test chamber	Espec	EH-010U	Mar.25, 2019	1 Year
--	Test Software	Tonscend	JS1120-4 GSM	--	--
--	Test Software	Tonscend	JS-1120-3 WCDMA	--	--
--	Test Software	Tonscend	JS1120-1 LTE	--	--

5. TEST RESULTS

5.1. RF Power Output

5.1.1. Test Standard

FCC: CFR Part 2.1046, CFR Part 22.913, CFR Part 24.232 CFR Part 27

5.1.2. Test Limit

FCC 22.913 (a) Effective radiated power limits.

The effective radiated power (ERP) of mobile transmitters must not exceed 7 Watts.

FCC 24.232 (b)(c) Power limits.

(b) Mobile/portable stations are limited to 2 Watts effective isotropic radiated power (EIRP). (c) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms equivalent voltage. The measurement results shall be properly adjusted for any limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement over the full bandwidth of the channel.

27.50 (b)(10) Portable stations (hand-held de-vices) transmitting in the 746–757 MHz, 776–788 MHz, and 805–806 MHz bands are limited to 3 watts ERP.

27.50 (d)(4) The following power and antenna height requirements apply to stations transmitting in the 1710–1755 MHz and 2110–2155 MHz bands: Fixed, mobile, and portable (hand-held) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP.

27.50 (c) The following power and antenna height requirements apply to stations transmitting in the 698–746 MHz band (10) Portable stations (hand-held de-vices) are limited to 3 watts ERP.

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.

5.1.3. Test Procedure

ANSI C63.26:2015

KDB 971168 Section 5.6

$EIRP\ (dBm) = ERP\ (dBm) + 2.15\ (dB)$

$ERP/EIRP = P_{Meas} + GT - LC$

where: ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same

units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for

determining the effective array transmit antenna gain term to be used in the above equation.

EUT includes different power levels for head use configuration and body use configuration and the below tables contain the highest of all configurations average conducted and ERP/EIRP output powers as follows:

5.1.4.Test Data

GSM MODES:

Modulation	Channel	Frequency (MHz)	Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
GSM850(GMSK)	128	824.2	32.75	-0.39	30.21	38.5	Pass
	190	836.6	32.71	-0.39	30.17	38.5	Pass
	251	848.8	32.49	-0.39	29.95	38.5	Pass
EGPRS850(8PSK)	128	824.2	28.39	-0.39	25.85	38.5	Pass
	190	836.6	28.38	-0.39	25.84	38.5	Pass
	251	848.8	28.80	-0.39	26.26	38.5	Pass

Modulation	Channel	Frequency (MHz)	Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
GSM1900(GMSK)	512	1850.2	30.58	0.46	31.04	33	Pass
	661	1880	30.49	0.46	30.95	33	Pass
	810	1909.8	30.13	0.46	30.59	33	Pass
EGPRS1900(8PSK)	512	1850.2	26.66	0.46	27.12	33	Pass
	661	1880	26.65	0.46	27.11	33	Pass
	810	1909.8	26.70	0.46	27.16	33	Pass

WCDMA MODES:

Modulation	Channel	Frequency (MHz)	Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
WCDMA 850(QPSK)	4,132	826.4	23.39	-0.39	20.85	38.5	Pass
	4,182	836.4	23.19	-0.39	20.65	38.5	Pass
	4,233	846.6	23.03	-0.39	20.49	38.5	Pass

Modulation	Channel	Frequency (MHz)	Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
WCDMA1900(QPSK)	9262	1852.4	22.22	0.46	22.68	33	Pass
	9400	1880.0	22.19	0.46	22.65	33	Pass
	9538	1907.6	22.26	0.46	22.72	33	Pass

LTE Band 2(Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	18607	1850.7	1	0	23.47	0.46	23.93	33	Pass
			1	3	23.68	0.46	24.14	33	Pass
			1	5	23.57	0.46	24.03	33	Pass
			3	0	23.62	0.46	24.08	33	Pass
			3	2	23.66	0.46	24.12	33	Pass
			3	3	23.62	0.46	24.08	33	Pass
			6	0	22.50	0.46	22.96	33	Pass
	18900	1880	1	0	23.16	0.46	23.62	33	Pass
			1	3	23.34	0.46	23.8	33	Pass
			1	5	23.18	0.46	23.64	33	Pass
			3	0	23.39	0.46	23.85	33	Pass
			3	2	23.27	0.46	23.73	33	Pass
			3	3	23.19	0.46	23.65	33	Pass
			6	0	22.33	0.46	22.79	33	Pass
	19193	1909.3	1	0	23.10	0.46	23.56	33	Pass
			1	3	23.11	0.46	23.57	33	Pass
			1	5	22.99	0.46	23.45	33	Pass
			3	0	23.13	0.46	23.59	33	Pass
			3	2	22.59	0.46	23.05	33	Pass
			3	3	22.56	0.46	23.02	33	Pass
			6	0	21.45	0.46	21.91	33	Pass
16QAM	18607	1850.7	1	0	22.65	0.46	23.11	33	Pass
			1	3	22.77	0.46	23.23	33	Pass
			1	5	22.61	0.46	23.07	33	Pass
			3	0	22.57	0.46	23.03	33	Pass
			3	2	22.69	0.46	23.15	33	Pass
			3	3	22.60	0.46	23.06	33	Pass
			6	0	21.48	0.46	21.94	33	Pass
	18900	1880	1	0	22.43	0.46	22.89	33	Pass
			1	3	22.75	0.46	23.21	33	Pass
			1	5	22.47	0.46	22.93	33	Pass
			3	0	22.24	0.46	22.7	33	Pass
			3	2	22.12	0.46	22.58	33	Pass
			3	3	22.27	0.46	22.73	33	Pass
			6	0	21.35	0.46	21.81	33	Pass
	19193	1909.3	1	0	22.13	0.46	22.59	33	Pass
			1	3	22.32	0.46	22.78	33	Pass
			1	5	22.23	0.46	22.69	33	Pass
			3	0	22.05	0.46	22.51	33	Pass
			3	2	21.50	0.46	21.96	33	Pass
			3	3	21.59	0.46	22.05	33	Pass
			6	0	20.66	0.46	21.12	33	Pass

LTE Band 2(Bandwidth:3MHz)

Channel Bandwidth: 3 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	18615	1851.5	1	0	22.92	0.46	23.38	33	Pass
			1	7	22.85	0.46	23.31	33	Pass
			1	14	22.74	0.46	23.2	33	Pass
			8	0	21.82	0.46	22.28	33	Pass
			8	4	21.83	0.46	22.29	33	Pass
			8	7	21.87	0.46	22.33	33	Pass
	18900	1880	15	0	21.86	0.46	22.32	33	Pass
			1	0	22.67	0.46	23.13	33	Pass
			1	7	22.70	0.46	23.16	33	Pass
			1	14	22.54	0.46	23	33	Pass
			8	0	21.58	0.46	22.04	33	Pass
			8	4	21.81	0.46	22.27	33	Pass
	19185	1908.5	8	7	21.69	0.46	22.15	33	Pass
			15	0	21.57	0.46	22.03	33	Pass
			1	0	22.41	0.46	22.87	33	Pass
			1	7	22.48	0.46	22.94	33	Pass
			1	14	22.38	0.46	22.84	33	Pass
			8	0	21.39	0.46	21.85	33	Pass
16QAM	18615	1851.5	8	4	21.57	0.46	22.03	33	Pass
			8	7	21.48	0.46	21.94	33	Pass
			15	0	21.40	0.46	21.86	33	Pass
	18900	1880	1	0	22.00	0.46	22.46	33	Pass
			1	7	22.12	0.46	22.58	33	Pass
			1	14	22.01	0.46	22.47	33	Pass
	19185	1908.5	8	0	21.04	0.46	21.5	33	Pass
			8	4	20.90	0.46	21.36	33	Pass
			8	7	20.84	0.46	21.3	33	Pass
			15	0	20.87	0.46	21.33	33	Pass
			1	0	21.96	0.46	22.42	33	Pass
			1	7	21.91	0.46	22.37	33	Pass
			1	14	22.03	0.46	22.49	33	Pass
	18900	1880	8	0	20.73	0.46	21.19	33	Pass
			8	4	20.75	0.46	21.21	33	Pass
			8	7	20.63	0.46	21.09	33	Pass
			15	0	20.74	0.46	21.2	33	Pass
	19185	1908.5	1	0	21.62	0.46	22.08	33	Pass
			1	7	21.71	0.46	22.17	33	Pass
			1	14	21.59	0.46	22.05	33	Pass
			8	0	20.51	0.46	20.97	33	Pass
			8	4	20.43	0.46	20.89	33	Pass
			8	7	20.43	0.46	20.89	33	Pass
			15	0	20.54	0.46	21	33	Pass

LTE Band 2 (Bandwidth:5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	18625	1852.5	1	0	22.92	0.46	23.38	33	Pass
			1	12	23.15	0.46	23.61	33	Pass
			1	24	22.73	0.46	23.19	33	Pass
			12	0	21.73	0.46	22.19	33	Pass
			12	6	21.90	0.46	22.36	33	Pass
			12	13	21.81	0.46	22.27	33	Pass
			25	0	21.92	0.46	22.38	33	Pass
	18900	1880	1	0	22.64	0.46	23.1	33	Pass
			1	12	23.00	0.46	23.46	33	Pass
			1	24	22.63	0.46	23.09	33	Pass
			12	0	21.64	0.46	22.1	33	Pass
			12	6	21.80	0.46	22.26	33	Pass
			12	13	21.58	0.46	22.04	33	Pass
			25	0	21.77	0.46	22.23	33	Pass
	19175	1907.5	1	0	22.49	0.46	22.95	33	Pass
			1	12	22.71	0.46	23.17	33	Pass
			1	24	22.45	0.46	22.91	33	Pass
			12	0	21.47	0.46	21.93	33	Pass
			12	6	21.54	0.46	22	33	Pass
			12	13	21.33	0.46	21.79	33	Pass
			25	0	21.55	0.46	22.01	33	Pass
16QAM	18625	1852.5	1	0	22.12	0.46	22.58	33	Pass
			1	12	22.30	0.46	22.76	33	Pass
			1	24	22.04	0.46	22.5	33	Pass
			12	0	20.84	0.46	21.3	33	Pass
			12	6	21.03	0.46	21.49	33	Pass
			12	13	20.99	0.46	21.45	33	Pass
			25	0	20.83	0.46	21.29	33	Pass
	18900	1880	1	0	21.82	0.46	22.28	33	Pass
			1	12	22.08	0.46	22.54	33	Pass
			1	24	21.83	0.46	22.29	33	Pass
			12	0	20.87	0.46	21.33	33	Pass
			12	6	20.84	0.46	21.3	33	Pass
			12	13	20.87	0.46	21.33	33	Pass
			25	0	20.82	0.46	21.28	33	Pass
	19175	1907.5	1	0	21.66	0.46	22.12	33	Pass
			1	12	21.89	0.46	22.35	33	Pass
			1	24	21.48	0.46	21.94	33	Pass
			12	0	20.59	0.46	21.05	33	Pass
			12	6	20.44	0.46	20.9	33	Pass
			12	13	20.43	0.46	20.89	33	Pass
			25	0	20.48	0.46	20.94	33	Pass

LTE Band 2 (Bandwidth:10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	18650	1855	1	0	22.93	0.46	23.39	33	Pass
			1	24	23.10	0.46	23.56	33	Pass
			1	49	22.71	0.46	23.17	33	Pass
			25	0	21.78	0.46	22.24	33	Pass
			25	12	21.85	0.46	22.31	33	Pass
			25	25	22.09	0.46	22.55	33	Pass
			50	0	21.81	0.46	22.27	33	Pass
	18900	1880	1	0	22.67	0.46	23.13	33	Pass
			1	24	22.90	0.46	23.36	33	Pass
			1	49	22.62	0.46	23.08	33	Pass
			25	0	21.74	0.46	22.2	33	Pass
			25	12	21.68	0.46	22.14	33	Pass
			25	25	21.72	0.46	22.18	33	Pass
			50	0	21.68	0.46	22.14	33	Pass
	19150	1905	1	0	22.60	0.46	23.06	33	Pass
			1	24	22.72	0.46	23.18	33	Pass
			1	49	22.41	0.46	22.87	33	Pass
			25	0	21.60	0.46	22.06	33	Pass
			25	12	21.44	0.46	21.9	33	Pass
			25	25	21.44	0.46	21.9	33	Pass
			50	0	21.65	0.46	22.11	33	Pass
16QAM	18650	1855	1	0	22.16	0.46	22.62	33	Pass
			1	24	22.38	0.46	22.84	33	Pass
			1	49	21.94	0.46	22.4	33	Pass
			25	0	20.99	0.46	21.45	33	Pass
			25	12	21.05	0.46	21.51	33	Pass
			25	25	21.02	0.46	21.48	33	Pass
			50	0	20.86	0.46	21.32	33	Pass
	18900	1880	1	0	22.06	0.46	22.52	33	Pass
			1	24	22.26	0.46	22.72	33	Pass
			1	49	21.77	0.46	22.23	33	Pass
			25	0	20.87	0.46	21.33	33	Pass
			25	12	20.87	0.46	21.33	33	Pass
			25	25	20.77	0.46	21.23	33	Pass
			50	0	20.71	0.46	21.17	33	Pass
	19150	1905	1	0	21.60	0.46	22.06	33	Pass
			1	24	21.83	0.46	22.29	33	Pass
			1	49	21.38	0.46	21.84	33	Pass
			25	0	20.76	0.46	21.22	33	Pass
			25	12	20.46	0.46	20.92	33	Pass
			25	25	20.55	0.46	21.01	33	Pass
			50	0	20.56	0.46	21.02	33	Pass

LTE Band 2 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	18675	1857.5	1	0	22.75	0.46	23.21	33	Pass
			1	37	22.78	0.46	23.24	33	Pass
			1	74	22.64	0.46	23.1	33	Pass
			37	0	21.88	0.46	22.34	33	Pass
			37	18	21.90	0.46	22.36	33	Pass
			37	38	21.81	0.46	22.27	33	Pass
			75	0	21.90	0.46	22.36	33	Pass
	18900	1880	1	0	22.67	0.46	23.13	33	Pass
			1	37	22.65	0.46	23.11	33	Pass
			1	74	22.51	0.46	22.97	33	Pass
			37	0	21.85	0.46	22.31	33	Pass
			37	18	21.87	0.46	22.33	33	Pass
			37	38	21.72	0.46	22.18	33	Pass
			75	0	21.98	0.46	22.44	33	Pass
	19125	1902.5	1	0	22.62	0.46	23.08	33	Pass
			1	37	22.65	0.46	23.11	33	Pass
			1	74	22.45	0.46	22.91	33	Pass
			37	0	21.71	0.46	22.17	33	Pass
			37	18	21.57	0.46	22.03	33	Pass
			37	38	21.56	0.46	22.02	33	Pass
			75	0	21.59	0.46	22.05	33	Pass
16QAM	18675	1857.5	1	0	22.05	0.46	22.51	33	Pass
			1	37	22.14	0.46	22.6	33	Pass
			1	74	21.78	0.46	22.24	33	Pass
			37	0	20.89	0.46	21.35	33	Pass
			37	18	21.00	0.46	21.46	33	Pass
			37	38	21.04	0.46	21.5	33	Pass
			75	0	20.86	0.46	21.32	33	Pass
	18900	1880	1	0	21.93	0.46	22.39	33	Pass
			1	37	21.94	0.46	22.4	33	Pass
			1	74	21.90	0.46	22.36	33	Pass
			37	0	20.91	0.46	21.37	33	Pass
			37	18	20.79	0.46	21.25	33	Pass
			37	38	20.78	0.46	21.24	33	Pass
			75	0	20.88	0.46	21.34	33	Pass
	19125	1902.5	1	0	21.68	0.46	22.14	33	Pass
			1	37	21.63	0.46	22.09	33	Pass
			1	74	21.68	0.46	22.14	33	Pass
			37	0	20.78	0.46	21.24	33	Pass
			37	18	20.64	0.46	21.1	33	Pass
			37	38	20.52	0.46	20.98	33	Pass
			75	0	20.73	0.46	21.19	33	Pass

LTE Band 2 (Bandwidth:20MHz)

Channel Bandwidth: 20 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	18700	1860	1	0	22.79	0.46	23.25	33	Pass
			1	49	23.02	0.46	23.48	33	Pass
			1	99	22.55	0.46	23.01	33	Pass
			50	0	21.63	0.46	22.09	33	Pass
			50	25	21.82	0.46	22.28	33	Pass
			50	50	21.56	0.46	22.02	33	Pass
			100	0	21.64	0.46	22.1	33	Pass
	18900	1880	1	0	22.61	0.46	23.07	33	Pass
			1	49	22.96	0.46	23.42	33	Pass
			1	99	22.45	0.46	22.91	33	Pass
			50	0	21.80	0.46	22.26	33	Pass
			50	25	21.68	0.46	22.14	33	Pass
			50	50	21.74	0.46	22.2	33	Pass
			100	0	21.90	0.46	22.36	33	Pass
	19100	1900	1	0	22.26	0.46	22.72	33	Pass
			1	49	22.65	0.46	23.11	33	Pass
			1	99	22.14	0.46	22.6	33	Pass
			50	0	21.49	0.46	21.95	33	Pass
			50	25	21.62	0.46	22.08	33	Pass
			50	50	21.37	0.46	21.83	33	Pass
			100	0	21.55	0.46	22.01	33	Pass
16QAM	18700	1860	1	0	22.01	0.46	22.47	33	Pass
			1	49	22.25	0.46	22.71	33	Pass
			1	99	21.63	0.46	22.09	33	Pass
			50	0	20.68	0.46	21.14	33	Pass
			50	25	20.84	0.46	21.3	33	Pass
			50	50	20.62	0.46	21.08	33	Pass
			100	0	20.67	0.46	21.13	33	Pass
	18900	1880	1	0	21.93	0.46	22.39	33	Pass
			1	49	22.22	0.46	22.68	33	Pass
			1	99	21.81	0.46	22.27	33	Pass
			50	0	20.92	0.46	21.38	33	Pass
			50	25	20.69	0.46	21.15	33	Pass
			50	50	20.77	0.46	21.23	33	Pass
			100	0	20.84	0.46	21.3	33	Pass
	19100	1900	1	0	21.58	0.46	22.04	33	Pass
			1	49	21.79	0.46	22.25	33	Pass
			1	99	21.31	0.46	21.77	33	Pass
			50	0	20.58	0.46	21.04	33	Pass
			50	25	20.55	0.46	21.01	33	Pass
			50	50	20.35	0.46	20.81	33	Pass
			100	0	20.53	0.46	20.99	33	Pass

LTE Band 4 (Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	131979	1710.7	1	0	22.45	0.45	22.9	30	Pass
			1	3	22.58	0.45	23.03	30	Pass
			1	5	22.58	0.45	23.03	30	Pass
			3	0	22.59	0.45	23.04	30	Pass
			3	2	22.59	0.45	23.04	30	Pass
			3	3	22.64	0.45	23.09	30	Pass
			6	0	21.62	0.45	22.07	30	Pass
	132322	1745	1	0	22.55	0.45	23	30	Pass
			1	3	22.61	0.45	23.06	30	Pass
			1	5	22.48	0.45	22.93	30	Pass
			3	0	22.67	0.45	23.12	30	Pass
			3	2	22.55	0.45	23	30	Pass
			3	3	22.56	0.45	23.01	30	Pass
			6	0	21.78	0.45	22.23	30	Pass
	132665	1779.3	1	0	22.58	0.45	23.03	30	Pass
			1	3	22.80	0.45	23.25	30	Pass
			1	5	22.64	0.45	23.09	30	Pass
			3	0	22.68	0.45	23.13	30	Pass
			3	2	22.47	0.45	22.92	30	Pass
			3	3	22.52	0.45	22.97	30	Pass
			6	0	21.76	0.45	22.21	30	Pass
16QAM	131979	1710.7	1	0	21.78	0.45	22.23	30	Pass
			1	3	21.88	0.45	22.33	30	Pass
			1	5	21.85	0.45	22.3	30	Pass
			3	0	21.54	0.45	21.99	30	Pass
			3	2	21.60	0.45	22.05	30	Pass
			3	3	21.48	0.45	21.93	30	Pass
			6	0	20.38	0.45	20.83	30	Pass
	132322	1745	1	0	21.80	0.45	22.25	30	Pass
			1	3	21.99	0.45	22.44	30	Pass
			1	5	21.73	0.45	22.18	30	Pass
			3	0	21.63	0.45	22.08	30	Pass
			3	2	21.66	0.45	22.11	30	Pass
			3	3	21.79	0.45	22.24	30	Pass
			6	0	20.76	0.45	21.21	30	Pass
	132665	1779.3	1	0	21.82	0.45	22.27	30	Pass
			1	3	21.81	0.45	22.26	30	Pass
			1	5	21.70	0.45	22.15	30	Pass
			3	0	21.73	0.45	22.18	30	Pass
			3	2	21.72	0.45	22.17	30	Pass
			3	3	21.73	0.45	22.18	30	Pass
			6	0	20.48	0.45	20.93	30	Pass

LTE Band 4 (Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	131987	1711.5	1	0	22.63	0.45	23.08	30	Pass
			1	7	22.62	0.45	23.07	30	Pass
			1	14	22.62	0.45	23.07	30	Pass
			8	0	21.68	0.45	22.13	30	Pass
			8	4	21.68	0.45	22.13	30	Pass
			8	7	21.76	0.45	22.21	30	Pass
			15	0	21.57	0.45	22.02	30	Pass
	132322	1745	1	0	22.75	0.45	23.2	30	Pass
			1	7	22.60	0.45	23.05	30	Pass
			1	14	22.69	0.45	23.14	30	Pass
			8	0	21.85	0.45	22.3	30	Pass
			8	4	21.75	0.45	22.2	30	Pass
			8	7	21.68	0.45	22.13	30	Pass
			15	0	21.73	0.45	22.18	30	Pass
	132657	1778.5	1	0	22.60	0.45	23.05	30	Pass
			1	7	22.50	0.45	22.95	30	Pass
			1	14	22.60	0.45	23.05	30	Pass
			8	0	21.84	0.45	22.29	30	Pass
			8	4	21.85	0.45	22.3	30	Pass
			8	7	21.78	0.45	22.23	30	Pass
			15	0	21.73	0.45	22.18	30	Pass
16QAM	131987	1711.5	1	0	21.96	0.45	22.41	30	Pass
			1	7	21.91	0.45	22.36	30	Pass
			1	14	22.07	0.45	22.52	30	Pass
			8	0	20.62	0.45	21.07	30	Pass
			8	4	20.69	0.45	21.14	30	Pass
			8	7	20.68	0.45	21.13	30	Pass
			15	0	20.53	0.45	20.98	30	Pass
	132322	1745	1	0	21.82	0.45	22.27	30	Pass
			1	7	21.79	0.45	22.24	30	Pass
			1	14	21.75	0.45	22.2	30	Pass
			8	0	20.62	0.45	21.07	30	Pass
			8	4	20.69	0.45	21.14	30	Pass
			8	7	20.60	0.45	21.05	30	Pass
			15	0	20.74	0.45	21.19	30	Pass
	132657	1778.5	1	0	21.79	0.45	22.24	30	Pass
			1	7	21.69	0.45	22.14	30	Pass
			1	14	21.73	0.45	22.18	30	Pass
			8	0	20.79	0.45	21.24	30	Pass
			8	4	20.76	0.45	21.21	30	Pass
			8	7	20.61	0.45	21.06	30	Pass
			15	0	20.65	0.45	21.1	30	Pass

LTE Band 4 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	131997	1712.5	1	0	22.67	0.45	23.12	30	Pass
			1	12	23.08	0.45	23.53	30	Pass
			1	24	22.78	0.45	23.23	30	Pass
			12	0	21.57	0.45	22.02	30	Pass
			12	6	21.59	0.45	22.04	30	Pass
			12	13	21.73	0.45	22.18	30	Pass
			25	0	21.75	0.45	22.2	30	Pass
	132322	1745	1	0	22.74	0.45	23.19	30	Pass
			1	12	23.04	0.45	23.49	30	Pass
			1	24	22.78	0.45	23.23	30	Pass
			12	0	21.78	0.45	22.23	30	Pass
			12	6	21.65	0.45	22.1	30	Pass
			12	13	21.63	0.45	22.08	30	Pass
			25	0	21.63	0.45	22.08	30	Pass
	132647	1777.5	1	0	22.62	0.45	23.07	30	Pass
			1	12	22.97	0.45	23.42	30	Pass
			1	24	22.57	0.45	23.02	30	Pass
			12	0	21.72	0.45	22.17	30	Pass
			12	6	21.75	0.45	22.2	30	Pass
			12	13	21.70	0.45	22.15	30	Pass
			25	0	21.75	0.45	22.2	30	Pass
16QAM	131997	1712.5	1	0	21.62	0.45	22.07	30	Pass
			1	12	22.16	0.45	22.61	30	Pass
			1	24	21.90	0.45	22.35	30	Pass
			12	0	20.60	0.45	21.05	30	Pass
			12	6	20.82	0.45	21.27	30	Pass
			12	13	20.68	0.45	21.13	30	Pass
			25	0	20.53	0.45	20.98	30	Pass
	132322	1745	1	0	21.87	0.45	22.32	30	Pass
			1	12	22.13	0.45	22.58	30	Pass
			1	24	21.75	0.45	22.2	30	Pass
			12	0	20.57	0.45	21.02	30	Pass
			12	6	20.78	0.45	21.23	30	Pass
			12	13	20.72	0.45	21.17	30	Pass
			25	0	20.79	0.45	21.24	30	Pass
	132647	1777.5	1	0	21.73	0.45	22.18	30	Pass
			1	12	22.06	0.45	22.51	30	Pass
			1	24	21.79	0.45	22.24	30	Pass
			12	0	20.71	0.45	21.16	30	Pass
			12	6	20.82	0.45	21.27	30	Pass
			12	13	20.65	0.45	21.1	30	Pass
			25	0	20.57	0.45	21.02	30	Pass

LTE Band 4 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	132022	1715	1	0	22.86	0.45	23.31	30	Pass
			1	24	23.20	0.45	23.65	30	Pass
			1	49	23.10	0.45	23.55	30	Pass
			25	0	21.92	0.45	22.37	30	Pass
			25	12	22.13	0.45	22.58	30	Pass
			25	25	22.08	0.45	22.53	30	Pass
			50	0	22.01	0.45	22.46	30	Pass
	132322	1745	1	0	23.08	0.45	23.53	30	Pass
			1	24	23.31	0.45	23.76	30	Pass
			1	49	23.10	0.45	23.55	30	Pass
			25	0	22.10	0.45	22.55	30	Pass
			25	12	22.26	0.45	22.71	30	Pass
			25	25	22.26	0.45	22.71	30	Pass
			50	0	22.21	0.45	22.66	30	Pass
	132622	1775	1	0	23.12	0.45	23.57	30	Pass
			1	24	23.26	0.45	23.71	30	Pass
			1	49	23.02	0.45	23.47	30	Pass
			25	0	22.17	0.45	22.62	30	Pass
			25	12	22.28	0.45	22.73	30	Pass
			25	25	22.10	0.45	22.55	30	Pass
16QAM	132022	1715	50	0	22.31	0.45	22.76	30	Pass
			1	0	22.07	0.45	22.52	30	Pass
			1	24	22.53	0.45	22.98	30	Pass
			1	49	22.41	0.45	22.86	30	Pass
			25	0	21.01	0.45	21.46	30	Pass
			25	12	20.93	0.45	21.38	30	Pass
	132322	1745	25	25	21.08	0.45	21.53	30	Pass
			50	0	20.98	0.45	21.43	30	Pass
			1	0	22.22	0.45	22.67	30	Pass
			1	24	22.40	0.45	22.85	30	Pass
			1	49	22.32	0.45	22.77	30	Pass
			25	0	21.11	0.45	21.56	30	Pass
	132622	1775	25	12	21.17	0.45	21.62	30	Pass
			25	25	21.14	0.45	21.59	30	Pass
			50	0	21.21	0.45	21.66	30	Pass
			1	0	22.30	0.45	22.75	30	Pass
			1	24	22.40	0.45	22.85	30	Pass
			1	49	22.29	0.45	22.74	30	Pass
			25	0	21.23	0.45	21.68	30	Pass
			25	12	21.23	0.45	21.68	30	Pass
			25	25	21.16	0.45	21.61	30	Pass
			50	0	21.12	0.45	21.57	30	Pass

LTE Band 4 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	132047	1717.5	1	0	22.64	0.45	23.09	30	Pass
			1	37	22.79	0.45	23.24	30	Pass
			1	74	22.85	0.45	23.3	30	Pass
			37	0	22.05	0.45	22.5	30	Pass
			37	18	21.99	0.45	22.44	30	Pass
			37	38	22.16	0.45	22.61	30	Pass
			75	0	22.11	0.45	22.56	30	Pass
	132322	1745	1	0	22.91	0.45	23.36	30	Pass
			1	37	22.97	0.45	23.42	30	Pass
			1	74	23.00	0.45	23.45	30	Pass
			37	0	22.21	0.45	22.66	30	Pass
			37	18	22.09	0.45	22.54	30	Pass
			37	38	22.31	0.45	22.76	30	Pass
			75	0	22.13	0.45	22.58	30	Pass
	132597	1772.5	1	0	22.90	0.45	23.35	30	Pass
			1	37	23.07	0.45	23.52	30	Pass
			1	74	23.01	0.45	23.46	30	Pass
			37	0	22.41	0.45	22.86	30	Pass
			37	18	22.34	0.45	22.79	30	Pass
			37	38	22.26	0.45	22.71	30	Pass
			75	0	22.34	0.45	22.79	30	Pass
16QAM	132047	1717.5	1	0	21.89	0.45	22.34	30	Pass
			1	37	22.12	0.45	22.57	30	Pass
			1	74	22.10	0.45	22.55	30	Pass
			37	0	20.88	0.45	21.33	30	Pass
			37	18	20.93	0.45	21.38	30	Pass
			37	38	21.14	0.45	21.59	30	Pass
			75	0	20.98	0.45	21.43	30	Pass
	132322	1745	1	0	22.22	0.45	22.67	30	Pass
			1	37	22.17	0.45	22.62	30	Pass
			1	74	22.24	0.45	22.69	30	Pass
			37	0	21.02	0.45	21.47	30	Pass
			37	18	21.04	0.45	21.49	30	Pass
			37	38	21.19	0.45	21.64	30	Pass
			75	0	21.12	0.45	21.57	30	Pass
	132597	1772.5	1	0	22.02	0.45	22.47	30	Pass
			1	37	22.22	0.45	22.67	30	Pass
			1	74	22.19	0.45	22.64	30	Pass
			37	0	21.28	0.45	21.73	30	Pass
			37	18	21.27	0.45	21.72	30	Pass
			37	38	21.09	0.45	21.54	30	Pass
			75	0	21.19	0.45	21.64	30	Pass

LTE Band 4 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	132072	1720	1	0	22.59	0.45	23.04	30	Pass
			1	49	23.12	0.45	23.57	30	Pass
			1	99	22.75	0.45	23.2	30	Pass
			50	0	21.78	0.45	22.23	30	Pass
			50	25	21.93	0.45	22.38	30	Pass
			50	50	21.88	0.45	22.33	30	Pass
			100	0	22.01	0.45	22.46	30	Pass
	132322	1745	1	0	22.70	0.45	23.15	30	Pass
			1	49	23.09	0.45	23.54	30	Pass
			1	99	22.89	0.45	23.34	30	Pass
			50	0	22.02	0.45	22.47	30	Pass
			50	25	22.00	0.45	22.45	30	Pass
			50	50	22.00	0.45	22.45	30	Pass
			100	0	21.91	0.45	22.36	30	Pass
	132572	1770	1	0	22.54	0.45	22.99	30	Pass
			1	49	23.11	0.45	23.56	30	Pass
			1	99	22.74	0.45	23.19	30	Pass
			50	0	22.13	0.45	22.58	30	Pass
			50	25	22.09	0.45	22.54	30	Pass
			50	50	22.04	0.45	22.49	30	Pass
			100	0	22.02	0.45	22.47	30	Pass
16QAM	132072	1720	1	0	21.76	0.45	22.21	30	Pass
			1	49	22.28	0.45	22.73	30	Pass
			1	99	21.96	0.45	22.41	30	Pass
			50	0	20.84	0.45	21.29	30	Pass
			50	25	20.99	0.45	21.44	30	Pass
			50	50	20.85	0.45	21.3	30	Pass
			100	0	20.95	0.45	21.4	30	Pass
	132322	1745	1	0	22.00	0.45	22.45	30	Pass
			1	49	22.44	0.45	22.89	30	Pass
			1	99	22.03	0.45	22.48	30	Pass
			50	0	21.01	0.45	21.46	30	Pass
			50	25	21.05	0.45	21.5	30	Pass
			50	50	21.01	0.45	21.46	30	Pass
			100	0	20.84	0.45	21.29	30	Pass
	132572	1770	1	0	21.95	0.45	22.4	30	Pass
			1	49	22.20	0.45	22.65	30	Pass
			1	99	21.93	0.45	22.38	30	Pass
			50	0	21.03	0.45	21.48	30	Pass
			50	25	21.09	0.45	21.54	30	Pass
			50	50	20.81	0.45	21.26	30	Pass
			100	0	20.96	0.45	21.41	30	Pass

LTE Band 5(Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20407	824.7	1	0	22.85	-0.39	20.24	38.5	Pass
			1	3	22.91	-0.39	20.3	38.5	Pass
			1	5	22.83	-0.39	20.22	38.5	Pass
			3	0	22.78	-0.39	20.17	38.5	Pass
			3	2	22.87	-0.39	20.26	38.5	Pass
			3	3	22.83	-0.39	20.22	38.5	Pass
			6	0	21.80	-0.39	19.19	38.5	Pass
	20525	836.5	1	0	22.82	-0.39	20.21	38.5	Pass
			1	3	22.87	-0.39	20.26	38.5	Pass
			1	5	22.82	-0.39	20.21	38.5	Pass
			3	0	22.74	-0.39	20.13	38.5	Pass
			3	2	22.87	-0.39	20.26	38.5	Pass
			3	3	22.77	-0.39	20.16	38.5	Pass
			6	0	21.69	-0.39	19.08	38.5	Pass
	20643	848.3	1	0	22.88	-0.39	20.27	38.5	Pass
			1	3	22.93	-0.39	20.32	38.5	Pass
			1	5	22.83	-0.39	20.22	38.5	Pass
			3	0	22.83	-0.39	20.22	38.5	Pass
			3	2	22.80	-0.39	20.19	38.5	Pass
			3	3	22.97	-0.39	20.36	38.5	Pass
			6	0	21.89	-0.39	19.28	38.5	Pass
16QAM	20407	824.7	1	0	21.88	-0.39	19.27	38.5	Pass
			1	3	22.03	-0.39	19.42	38.5	Pass
			1	5	21.88	-0.39	19.27	38.5	Pass
			3	0	21.67	-0.39	19.06	38.5	Pass
			3	2	21.74	-0.39	19.13	38.5	Pass
			3	3	21.68	-0.39	19.07	38.5	Pass
			6	0	20.87	-0.39	18.26	38.5	Pass
	20525	836.5	1	0	21.77	-0.39	19.16	38.5	Pass
			1	3	21.97	-0.39	19.36	38.5	Pass
			1	5	21.81	-0.39	19.2	38.5	Pass
			3	0	21.67	-0.39	19.06	38.5	Pass
			3	2	21.67	-0.39	19.06	38.5	Pass
			3	3	21.73	-0.39	19.12	38.5	Pass
			6	0	20.93	-0.39	18.32	38.5	Pass
	20643	848.3	1	0	21.79	-0.39	19.18	38.5	Pass
			1	3	21.85	-0.39	19.24	38.5	Pass
			1	5	21.93	-0.39	19.32	38.5	Pass
			3	0	21.75	-0.39	19.14	38.5	Pass
			3	2	21.74	-0.39	19.13	38.5	Pass
			3	3	21.68	-0.39	19.07	38.5	Pass
			6	0	20.82	-0.39	18.21	38.5	Pass

LTE Band 5(Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20415	825.5	1	0	23.52	-0.39	20.91	38.5	Pass
			1	7	23.46	-0.39	20.85	38.5	Pass
			1	14	23.50	-0.39	20.89	38.5	Pass
			8	0	22.42	-0.39	19.81	38.5	Pass
			8	4	22.54	-0.39	19.93	38.5	Pass
			8	7	22.46	-0.39	19.85	38.5	Pass
			15	0	22.46	-0.39	19.85	38.5	Pass
	20525	836.5	1	0	23.27	-0.39	20.66	38.5	Pass
			1	7	23.29	-0.39	20.68	38.5	Pass
			1	14	23.41	-0.39	20.8	38.5	Pass
			8	0	22.34	-0.39	19.73	38.5	Pass
			8	4	22.37	-0.39	19.76	38.5	Pass
			8	7	22.36	-0.39	19.75	38.5	Pass
			15	0	22.38	-0.39	19.77	38.5	Pass
	20635	847.5	1	0	23.39	-0.39	20.78	38.5	Pass
			1	7	23.34	-0.39	20.73	38.5	Pass
			1	14	23.36	-0.39	20.75	38.5	Pass
			8	0	22.36	-0.39	19.75	38.5	Pass
			8	4	22.41	-0.39	19.8	38.5	Pass
			8	7	22.46	-0.39	19.85	38.5	Pass
			15	0	22.32	-0.39	19.71	38.5	Pass
16QAM	20415	825.5	1	0	22.84	-0.39	20.23	38.5	Pass
			1	7	22.68	-0.39	20.07	38.5	Pass
			1	14	22.69	-0.39	20.08	38.5	Pass
			8	0	21.52	-0.39	18.91	38.5	Pass
			8	4	21.57	-0.39	18.96	38.5	Pass
			8	7	21.43	-0.39	18.82	38.5	Pass
			15	0	21.37	-0.39	18.76	38.5	Pass
	20525	836.5	1	0	22.64	-0.39	20.03	38.5	Pass
			1	7	22.56	-0.39	19.95	38.5	Pass
			1	14	22.57	-0.39	19.96	38.5	Pass
			8	0	21.52	-0.39	18.91	38.5	Pass
			8	4	21.61	-0.39	19	38.5	Pass
			8	7	21.46	-0.39	18.85	38.5	Pass
			15	0	21.43	-0.39	18.82	38.5	Pass
	20635	847.5	1	0	22.61	-0.39	20	38.5	Pass
			1	7	22.59	-0.39	19.98	38.5	Pass
			1	14	22.60	-0.39	19.99	38.5	Pass
			8	0	21.37	-0.39	18.76	38.5	Pass
			8	4	21.47	-0.39	18.86	38.5	Pass
			8	7	21.52	-0.39	18.91	38.5	Pass
			15	0	21.37	-0.39	18.76	38.5	Pass

LTE Band 5(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20425	826.5	1	0	23.42	-0.39	20.81	38.5	Pass
			1	12	23.88	-0.39	21.27	38.5	Pass
			1	24	23.47	-0.39	20.86	38.5	Pass
			12	0	22.35	-0.39	19.74	38.5	Pass
			12	6	22.49	-0.39	19.88	38.5	Pass
			12	13	22.44	-0.39	19.83	38.5	Pass
			25	0	22.49	-0.39	19.88	38.5	Pass
	20525	836.5	1	0	23.30	-0.39	20.69	38.5	Pass
			1	12	23.73	-0.39	21.12	38.5	Pass
			1	24	23.50	-0.39	20.89	38.5	Pass
			12	0	22.42	-0.39	19.81	38.5	Pass
			12	6	22.36	-0.39	19.75	38.5	Pass
			12	13	22.32	-0.39	19.71	38.5	Pass
			25	0	22.41	-0.39	19.8	38.5	Pass
	20625	846.5	1	0	23.25	-0.39	20.64	38.5	Pass
			1	12	23.69	-0.39	21.08	38.5	Pass
			1	24	23.51	-0.39	20.9	38.5	Pass
			12	0	22.46	-0.39	19.85	38.5	Pass
			12	6	22.46	-0.39	19.85	38.5	Pass
			12	13	22.43	-0.39	19.82	38.5	Pass
			25	0	22.35	-0.39	19.74	38.5	Pass
16QAM	20425	826.5	1	0	22.61	-0.39	20	38.5	Pass
			1	12	22.92	-0.39	20.31	38.5	Pass
			1	24	22.72	-0.39	20.11	38.5	Pass
			12	0	21.48	-0.39	18.87	38.5	Pass
			12	6	21.64	-0.39	19.03	38.5	Pass
			12	13	21.57	-0.39	18.96	38.5	Pass
			25	0	21.55	-0.39	18.94	38.5	Pass
	20525	836.5	1	0	22.41	-0.39	19.8	38.5	Pass
			1	12	22.82	-0.39	20.21	38.5	Pass
			1	24	22.74	-0.39	20.13	38.5	Pass
			12	0	21.41	-0.39	18.8	38.5	Pass
			12	6	21.52	-0.39	18.91	38.5	Pass
			12	13	21.44	-0.39	18.83	38.5	Pass
			25	0	21.42	-0.39	18.81	38.5	Pass
	20625	846.5	1	0	22.55	-0.39	19.94	38.5	Pass
			1	12	22.99	-0.39	20.38	38.5	Pass
			1	24	22.68	-0.39	20.07	38.5	Pass
			12	0	21.45	-0.39	18.84	38.5	Pass
			12	6	21.56	-0.39	18.95	38.5	Pass
			12	13	21.49	-0.39	18.88	38.5	Pass
			25	0	21.40	-0.39	18.79	38.5	Pass

LTE Band 5 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20450	829	1	0	23.45	-0.39	20.84	38.5	Pass
			1	24	23.70	-0.39	21.09	38.5	Pass
			1	49	23.61	-0.39	21	38.5	Pass
			25	0	22.49	-0.39	19.88	38.5	Pass
			25	12	22.46	-0.39	19.85	38.5	Pass
			25	25	22.53	-0.39	19.92	38.5	Pass
			50	0	22.46	-0.39	19.85	38.5	Pass
	20525	836.5	1	0	23.41	-0.39	20.8	38.5	Pass
			1	24	23.52	-0.39	20.91	38.5	Pass
			1	49	23.48	-0.39	20.87	38.5	Pass
			25	0	22.50	-0.39	19.89	38.5	Pass
			25	12	22.49	-0.39	19.88	38.5	Pass
			25	25	22.58	-0.39	19.97	38.5	Pass
			50	0	22.46	-0.39	19.85	38.5	Pass
	20600	844	1	0	23.12	-0.39	20.51	38.5	Pass
			1	24	23.44	-0.39	20.83	38.5	Pass
			1	49	23.63	-0.39	21.02	38.5	Pass
			25	0	22.31	-0.39	19.7	38.5	Pass
			25	12	22.32	-0.39	19.71	38.5	Pass
			25	25	22.36	-0.39	19.75	38.5	Pass
			50	0	22.37	-0.39	19.76	38.5	Pass
16QAM	20450	829	1	0	22.72	-0.39	20.11	38.5	Pass
			1	24	23.02	-0.39	20.41	38.5	Pass
			1	49	22.77	-0.39	20.16	38.5	Pass
			25	0	21.53	-0.39	18.92	38.5	Pass
			25	12	21.61	-0.39	19	38.5	Pass
			25	25	21.49	-0.39	18.88	38.5	Pass
			50	0	21.52	-0.39	18.91	38.5	Pass
	20525	836.5	1	0	22.61	-0.39	20	38.5	Pass
			1	24	22.85	-0.39	20.24	38.5	Pass
			1	49	22.84	-0.39	20.23	38.5	Pass
			25	0	21.63	-0.39	19.02	38.5	Pass
			25	12	21.58	-0.39	18.97	38.5	Pass
			25	25	21.63	-0.39	19.02	38.5	Pass
			50	0	21.57	-0.39	18.96	38.5	Pass
	20600	844	1	0	22.41	-0.39	19.8	38.5	Pass
			1	24	22.75	-0.39	20.14	38.5	Pass
			1	49	22.70	-0.39	20.09	38.5	Pass
			25	0	21.41	-0.39	18.8	38.5	Pass
			25	12	21.50	-0.39	18.89	38.5	Pass
			25	25	21.47	-0.39	18.86	38.5	Pass
			50	0	21.50	-0.39	18.89	38.5	Pass

LTE Band 7 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20775	2502.5	1	0	20.67	1.17	21.84	33	Pass
			1	12	20.99	1.17	22.16	33	Pass
			1	24	20.64	1.17	21.81	33	Pass
			12	0	19.75	1.17	20.92	33	Pass
			12	6	19.74	1.17	20.91	33	Pass
			12	13	19.80	1.17	20.97	33	Pass
			25	0	19.78	1.17	20.95	33	Pass
	21100	2535	1	0	20.80	1.17	21.97	33	Pass
			1	12	20.97	1.17	22.14	33	Pass
			1	24	20.79	1.17	21.96	33	Pass
			12	0	19.79	1.17	20.96	33	Pass
			12	6	19.84	1.17	21.01	33	Pass
			12	13	19.71	1.17	20.88	33	Pass
			25	0	19.69	1.17	20.86	33	Pass
	21425	2567.5	1	0	20.83	1.17	22	33	Pass
			1	12	21.12	1.17	22.29	33	Pass
			1	24	20.87	1.17	22.04	33	Pass
			12	0	19.94	1.17	21.11	33	Pass
			12	6	20.02	1.17	21.19	33	Pass
			12	13	19.82	1.17	20.99	33	Pass
			25	0	19.96	1.17	21.13	33	Pass
16QAM	20775	2502.5	1	0	19.90	1.17	21.07	33	Pass
			1	12	20.23	1.17	21.4	33	Pass
			1	24	20.01	1.17	21.18	33	Pass
			12	0	18.83	1.17	20	33	Pass
			12	6	18.82	1.17	19.99	33	Pass
			12	13	18.91	1.17	20.08	33	Pass
			25	0	18.83	1.17	20	33	Pass
	21100	2535	1	0	19.89	1.17	21.06	33	Pass
			1	12	20.14	1.17	21.31	33	Pass
			1	24	19.97	1.17	21.14	33	Pass
			12	0	18.65	1.17	19.82	33	Pass
			12	6	18.83	1.17	20	33	Pass
			12	13	18.70	1.17	19.87	33	Pass
			25	0	18.83	1.17	20	33	Pass
	21425	2567.5	1	0	20.06	1.17	21.23	33	Pass
			1	12	20.29	1.17	21.46	33	Pass
			1	24	20.20	1.17	21.37	33	Pass
			12	0	18.96	1.17	20.13	33	Pass
			12	6	19.05	1.17	20.22	33	Pass
			12	13	18.83	1.17	20	33	Pass
			25	0	18.96	1.17	20.13	33	Pass

LTE Band 7 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20800	2505	1	0	20.67	1.17	21.84	33	Pass
			1	24	20.84	1.17	22.01	33	Pass
			1	49	20.80	1.17	21.97	33	Pass
			25	0	19.75	1.17	20.92	33	Pass
			25	12	19.67	1.17	20.84	33	Pass
			25	25	19.76	1.17	20.93	33	Pass
			50	0	19.77	1.17	20.94	33	Pass
	21100	2535	1	0	20.75	1.17	21.92	33	Pass
			1	24	20.84	1.17	22.01	33	Pass
			1	49	20.79	1.17	21.96	33	Pass
			25	0	19.75	1.17	20.92	33	Pass
			25	12	19.83	1.17	21	33	Pass
			25	25	19.77	1.17	20.94	33	Pass
			50	0	19.85	1.17	21.02	33	Pass
	21400	2565	1	0	20.66	1.17	21.83	33	Pass
			1	24	21.09	1.17	22.26	33	Pass
			1	49	20.84	1.17	22.01	33	Pass
			25	0	19.93	1.17	21.1	33	Pass
			25	12	19.83	1.17	21	33	Pass
			25	25	20.03	1.17	21.2	33	Pass
			50	0	19.93	1.17	21.1	33	Pass
16QAM	20800	2505	1	0	19.90	1.17	21.07	33	Pass
			1	24	20.22	1.17	21.39	33	Pass
			1	49	19.99	1.17	21.16	33	Pass
			25	0	18.69	1.17	19.86	33	Pass
			25	12	18.78	1.17	19.95	33	Pass
			25	25	18.83	1.17	20	33	Pass
			50	0	18.74	1.17	19.91	33	Pass
	21100	2535	1	0	19.95	1.17	21.12	33	Pass
			1	24	20.15	1.17	21.32	33	Pass
			1	49	20.07	1.17	21.24	33	Pass
			25	0	18.81	1.17	19.98	33	Pass
			25	12	18.86	1.17	20.03	33	Pass
			25	25	18.84	1.17	20.01	33	Pass
			50	0	18.82	1.17	19.99	33	Pass
	21400	2565	1	0	20.01	1.17	21.18	33	Pass
			1	24	20.39	1.17	21.56	33	Pass
			1	49	20.18	1.17	21.35	33	Pass
			25	0	19.01	1.17	20.18	33	Pass
			25	12	18.93	1.17	20.1	33	Pass
			25	25	18.95	1.17	20.12	33	Pass
			50	0	19.01	1.17	20.18	33	Pass

LTE Band 7 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20825	2507.5	1	0	20.65	1.17	21.82	33	Pass
			1	37	20.71	1.17	21.88	33	Pass
			1	74	20.64	1.17	21.81	33	Pass
			37	0	19.63	1.17	20.8	33	Pass
			37	18	19.84	1.17	21.01	33	Pass
			37	38	19.90	1.17	21.07	33	Pass
			75	0	19.87	1.17	21.04	33	Pass
	21100	2535	1	0	20.74	1.17	21.91	33	Pass
			1	37	20.81	1.17	21.98	33	Pass
			1	74	20.62	1.17	21.79	33	Pass
			37	0	19.73	1.17	20.9	33	Pass
			37	18	19.78	1.17	20.95	33	Pass
			37	38	19.94	1.17	21.11	33	Pass
			75	0	19.99	1.17	21.16	33	Pass
	21375	2562.5	1	0	20.58	1.17	21.75	33	Pass
			1	37	20.80	1.17	21.97	33	Pass
			1	74	20.73	1.17	21.9	33	Pass
			37	0	19.83	1.17	21	33	Pass
			37	18	19.89	1.17	21.06	33	Pass
			37	38	19.97	1.17	21.14	33	Pass
			75	0	20.04	1.17	21.21	33	Pass
16QAM	20825	2507.5	1	0	19.89	1.17	21.06	33	Pass
			1	37	20.07	1.17	21.24	33	Pass
			1	74	20.01	1.17	21.18	33	Pass
			37	0	18.72	1.17	19.89	33	Pass
			37	18	18.74	1.17	19.91	33	Pass
			37	38	18.93	1.17	20.1	33	Pass
			75	0	18.71	1.17	19.88	33	Pass
	21100	2535	1	0	19.96	1.17	21.13	33	Pass
			1	37	20.04	1.17	21.21	33	Pass
			1	74	19.87	1.17	21.04	33	Pass
			37	0	18.84	1.17	20.01	33	Pass
			37	18	18.74	1.17	19.91	33	Pass
			37	38	18.80	1.17	19.97	33	Pass
			75	0	18.88	1.17	20.05	33	Pass
	21375	2562.5	1	0	19.89	1.17	21.06	33	Pass
			1	37	20.18	1.17	21.35	33	Pass
			1	74	20.14	1.17	21.31	33	Pass
			37	0	18.89	1.17	20.06	33	Pass
			37	18	18.97	1.17	20.14	33	Pass
			37	38	18.94	1.17	20.11	33	Pass
			75	0	18.92	1.17	20.09	33	Pass

LTE Band 7 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	20850	2510	1	0	20.07	1.17	21.24	33	Pass
			1	49	20.60	1.17	21.77	33	Pass
			1	99	20.04	1.17	21.21	33	Pass
			50	0	19.12	1.17	20.29	33	Pass
			50	25	19.58	1.17	20.75	33	Pass
			50	50	19.72	1.17	20.89	33	Pass
			100	0	19.35	1.17	20.52	33	Pass
	21100	2535	1	0	19.91	1.17	21.08	33	Pass
			1	49	20.30	1.17	21.47	33	Pass
			1	99	19.94	1.17	21.11	33	Pass
			50	0	19.31	1.17	20.48	33	Pass
			50	25	19.32	1.17	20.49	33	Pass
			50	50	19.54	1.17	20.71	33	Pass
			100	0	19.36	1.17	20.53	33	Pass
	21350	2560	1	0	20.22	1.17	21.39	33	Pass
			1	49	20.55	1.17	21.72	33	Pass
			1	99	20.29	1.17	21.46	33	Pass
			50	0	19.35	1.17	20.52	33	Pass
			50	25	19.36	1.17	20.53	33	Pass
			50	50	19.37	1.17	20.54	33	Pass
			100	0	19.49	1.17	20.66	33	Pass
16QAM	20850	2510	1	0	19.39	1.17	20.56	33	Pass
			1	49	19.90	1.17	21.07	33	Pass
			1	99	19.53	1.17	20.7	33	Pass
			50	0	18.20	1.17	19.37	33	Pass
			50	25	18.66	1.17	19.83	33	Pass
			50	50	18.66	1.17	19.83	33	Pass
			100	0	18.23	1.17	19.4	33	Pass
	21100	2535	1	0	19.29	1.17	20.46	33	Pass
			1	49	19.52	1.17	20.69	33	Pass
			1	99	19.36	1.17	20.53	33	Pass
			50	0	18.29	1.17	19.46	33	Pass
			50	25	18.40	1.17	19.57	33	Pass
			50	50	18.58	1.17	19.75	33	Pass
			100	0	18.22	1.17	19.39	33	Pass
	21350	2560	1	0	19.35	1.17	20.52	33	Pass
			1	49	19.87	1.17	21.04	33	Pass
			1	99	19.58	1.17	20.75	33	Pass
			50	0	18.28	1.17	19.45	33	Pass
			50	25	18.37	1.17	19.54	33	Pass
			50	50	18.40	1.17	19.57	33	Pass
			100	0	18.41	1.17	19.58	33	Pass

LTE Band 12(Bandwidth: 1.4MHz)

Channel Bandwidth: 1.4 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23017	699.7	1	0	23.17	-0.4	20.62	34.77	Pass
			1	3	23.32	-0.4	20.77	34.77	Pass
			1	5	23.11	-0.4	20.56	34.77	Pass
			3	0	23.17	-0.4	20.62	34.77	Pass
			3	2	23.31	-0.4	20.76	34.77	Pass
			3	3	23.12	-0.4	20.57	34.77	Pass
			6	0	22.29	-0.4	19.74	34.77	Pass
	23095	707.5	1	0	23.23	-0.4	20.68	34.77	Pass
			1	3	23.29	-0.4	20.74	34.77	Pass
			1	5	23.20	-0.4	20.65	34.77	Pass
			3	0	23.20	-0.4	20.65	34.77	Pass
			3	2	23.32	-0.4	20.77	34.77	Pass
			3	3	23.37	-0.4	20.82	34.77	Pass
			6	0	22.35	-0.4	19.8	34.77	Pass
	23173	715.3	1	0	23.56	-0.4	21.01	34.77	Pass
			1	3	23.74	-0.4	21.19	34.77	Pass
			1	5	23.50	-0.4	20.95	34.77	Pass
			3	0	23.43	-0.4	20.88	34.77	Pass
			3	2	23.46	-0.4	20.91	34.77	Pass
			3	3	23.38	-0.4	20.83	34.77	Pass
			6	0	22.49	-0.4	19.94	34.77	Pass
16QAM	23017	699.7	1	0	22.25	-0.4	19.7	34.77	Pass
			1	3	22.37	-0.4	19.82	34.77	Pass
			1	5	22.20	-0.4	19.65	34.77	Pass
			3	0	22.15	-0.4	19.6	34.77	Pass
			3	2	22.27	-0.4	19.72	34.77	Pass
			3	3	22.12	-0.4	19.57	34.77	Pass
			6	0	21.19	-0.4	18.64	34.77	Pass
	23095	707.5	1	0	22.43	-0.4	19.88	34.77	Pass
			1	3	22.50	-0.4	19.95	34.77	Pass
			1	5	22.34	-0.4	19.79	34.77	Pass
			3	0	22.34	-0.4	19.79	34.77	Pass
			3	2	22.42	-0.4	19.87	34.77	Pass
			3	3	22.33	-0.4	19.78	34.77	Pass
			6	0	21.33	-0.4	18.78	34.77	Pass
	23173	715.3	1	0	22.44	-0.4	19.89	34.77	Pass
			1	3	22.68	-0.4	20.13	34.77	Pass
			1	5	22.46	-0.4	19.91	34.77	Pass
			3	0	22.41	-0.4	19.86	34.77	Pass
			3	2	22.44	-0.4	19.89	34.77	Pass
			3	3	22.42	-0.4	19.87	34.77	Pass
			6	0	21.32	-0.4	18.77	34.77	Pass

LTE Band 12(Bandwidth: 3MHz)

Channel Bandwidth: 3 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23025	700.5	1	0	23.16	-0.4	20.61	34.77	Pass
			1	7	23.27	-0.4	20.72	34.77	Pass
			1	14	23.18	-0.4	20.63	34.77	Pass
			8	0	22.13	-0.4	19.58	34.77	Pass
			8	4	22.20	-0.4	19.65	34.77	Pass
			8	7	22.06	-0.4	19.51	34.77	Pass
			15	0	22.04	-0.4	19.49	34.77	Pass
	23095	707.5	1	0	23.07	-0.4	20.52	34.77	Pass
			1	7	23.14	-0.4	20.59	34.77	Pass
			1	14	23.19	-0.4	20.64	34.77	Pass
			8	0	22.30	-0.4	19.75	34.77	Pass
			8	4	22.27	-0.4	19.72	34.77	Pass
			8	7	22.24	-0.4	19.69	34.77	Pass
			15	0	22.32	-0.4	19.77	34.77	Pass
	23165	714.5	1	0	23.48	-0.4	20.93	34.77	Pass
			1	7	23.41	-0.4	20.86	34.77	Pass
			1	14	23.51	-0.4	20.96	34.77	Pass
			8	0	22.39	-0.4	19.84	34.77	Pass
			8	4	22.61	-0.4	20.06	34.77	Pass
			8	7	22.46	-0.4	19.91	34.77	Pass
			15	0	22.41	-0.4	19.86	34.77	Pass
16QAM	23025	700.5	1	0	22.30	-0.4	19.75	34.77	Pass
			1	7	22.19	-0.4	19.64	34.77	Pass
			1	14	22.35	-0.4	19.8	34.77	Pass
			8	0	20.93	-0.4	18.38	34.77	Pass
			8	4	20.99	-0.4	18.44	34.77	Pass
			8	7	21.09	-0.4	18.54	34.77	Pass
			15	0	21.04	-0.4	18.49	34.77	Pass
	23095	707.5	1	0	22.47	-0.4	19.92	34.77	Pass
			1	7	22.43	-0.4	19.88	34.77	Pass
			1	14	22.44	-0.4	19.89	34.77	Pass
			8	0	21.15	-0.4	18.6	34.77	Pass
			8	4	21.29	-0.4	18.74	34.77	Pass
			8	7	21.34	-0.4	18.79	34.77	Pass
			15	0	21.15	-0.4	18.6	34.77	Pass
	23165	714.5	1	0	22.41	-0.4	19.86	34.77	Pass
			1	7	22.54	-0.4	19.99	34.77	Pass
			1	14	22.56	-0.4	20.01	34.77	Pass
			8	0	21.36	-0.4	18.81	34.77	Pass
			8	4	21.42	-0.4	18.87	34.77	Pass
			8	7	21.35	-0.4	18.8	34.77	Pass
			15	0	21.20	-0.4	18.65	34.77	Pass

LTE Band 12(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23035	701.5	1	0	23.29	-0.4	20.74	34.77	Pass
			1	12	23.59	-0.4	21.04	34.77	Pass
			1	24	23.23	-0.4	20.68	34.77	Pass
			12	0	22.10	-0.4	19.55	34.77	Pass
			12	6	22.19	-0.4	19.64	34.77	Pass
			12	13	22.04	-0.4	19.49	34.77	Pass
			25	0	22.21	-0.4	19.66	34.77	Pass
	23095	707.5	1	0	23.19	-0.4	20.64	34.77	Pass
			1	12	23.36	-0.4	20.81	34.77	Pass
			1	24	23.25	-0.4	20.7	34.77	Pass
			12	0	22.13	-0.4	19.58	34.77	Pass
			12	6	22.18	-0.4	19.63	34.77	Pass
			12	13	22.37	-0.4	19.82	34.77	Pass
			25	0	22.27	-0.4	19.72	34.77	Pass
	23155	713.5	1	0	23.30	-0.4	20.75	34.77	Pass
			1	12	23.74	-0.4	21.19	34.77	Pass
			1	24	23.44	-0.4	20.89	34.77	Pass
			12	0	22.31	-0.4	19.76	34.77	Pass
			12	6	22.51	-0.4	19.96	34.77	Pass
			12	13	22.37	-0.4	19.82	34.77	Pass
			25	0	22.36	-0.4	19.81	34.77	Pass
16QAM	23035	701.5	1	0	22.17	-0.4	19.62	34.77	Pass
			1	12	22.48	-0.4	19.93	34.77	Pass
			1	24	22.39	-0.4	19.84	34.77	Pass
			12	0	21.05	-0.4	18.5	34.77	Pass
			12	6	21.15	-0.4	18.6	34.77	Pass
			12	13	21.03	-0.4	18.48	34.77	Pass
			25	0	21.17	-0.4	18.62	34.77	Pass
	23095	707.5	1	0	22.35	-0.4	19.8	34.77	Pass
			1	12	22.69	-0.4	20.14	34.77	Pass
			1	24	22.47	-0.4	19.92	34.77	Pass
			12	0	21.29	-0.4	18.74	34.77	Pass
			12	6	21.34	-0.4	18.79	34.77	Pass
			12	13	21.25	-0.4	18.7	34.77	Pass
			25	0	21.20	-0.4	18.65	34.77	Pass
	23155	713.5	1	0	22.33	-0.4	19.78	34.77	Pass
			1	12	22.75	-0.4	20.2	34.77	Pass
			1	24	22.42	-0.4	19.87	34.77	Pass
			12	0	21.46	-0.4	18.91	34.77	Pass
			12	6	21.44	-0.4	18.89	34.77	Pass
			12	13	21.22	-0.4	18.67	34.77	Pass
			25	0	21.27	-0.4	18.72	34.77	Pass

LTE Band 12(Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23060	704	1	0	23.08	-0.4	20.53	34.77	Pass
			1	24	23.30	-0.4	20.75	34.77	Pass
			1	49	23.30	-0.4	20.75	34.77	Pass
			25	0	22.19	-0.4	19.64	34.77	Pass
			25	12	22.15	-0.4	19.6	34.77	Pass
			25	25	22.34	-0.4	19.79	34.77	Pass
			50	0	22.24	-0.4	19.69	34.77	Pass
	23095	707.5	1	0	23.10	-0.4	20.55	34.77	Pass
			1	24	23.34	-0.4	20.79	34.77	Pass
			1	49	23.34	-0.4	20.79	34.77	Pass
			25	0	22.14	-0.4	19.59	34.77	Pass
			25	12	22.38	-0.4	19.83	34.77	Pass
			25	25	22.35	-0.4	19.8	34.77	Pass
			50	0	22.40	-0.4	19.85	34.77	Pass
	23130	711	1	0	23.23	-0.4	20.68	34.77	Pass
			1	24	23.48	-0.4	20.93	34.77	Pass
			1	49	23.56	-0.4	21.01	34.77	Pass
			25	0	22.33	-0.4	19.78	34.77	Pass
			25	12	22.41	-0.4	19.86	34.77	Pass
			25	25	22.42	-0.4	19.87	34.77	Pass
			50	0	22.20	-0.4	19.65	34.77	Pass
16QAM	23060	704	1	0	22.28	-0.4	19.73	34.77	Pass
			1	24	22.52	-0.4	19.97	34.77	Pass
			1	49	22.56	-0.4	20.01	34.77	Pass
			25	0	21.23	-0.4	18.68	34.77	Pass
			25	12	21.12	-0.4	18.57	34.77	Pass
			25	25	21.30	-0.4	18.75	34.77	Pass
			50	0	21.24	-0.4	18.69	34.77	Pass
	23095	707.5	1	0	22.37	-0.4	19.82	34.77	Pass
			1	24	22.55	-0.4	20	34.77	Pass
			1	49	22.39	-0.4	19.84	34.77	Pass
			25	0	21.27	-0.4	18.72	34.77	Pass
			25	12	21.11	-0.4	18.56	34.77	Pass
			25	25	21.33	-0.4	18.78	34.77	Pass
			50	0	21.25	-0.4	18.7	34.77	Pass
	23130	711	1	0	22.36	-0.4	19.81	34.77	Pass
			1	24	22.52	-0.4	19.97	34.77	Pass
			1	49	22.57	-0.4	20.02	34.77	Pass
			25	0	21.28	-0.4	18.73	34.77	Pass
			25	12	21.23	-0.4	18.68	34.77	Pass
			25	25	21.25	-0.4	18.7	34.77	Pass
			50	0	21.16	-0.4	18.61	34.77	Pass

LTE Band 13(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23205	779.5	1	0	23.96	-0.4	21.41	34.77	Pass
			1	12	24.25	-0.4	21.7	34.77	Pass
			1	24	23.80	-0.4	21.25	34.77	Pass
			12	0	22.83	-0.4	20.28	34.77	Pass
			12	6	22.84	-0.4	20.29	34.77	Pass
			12	13	22.85	-0.4	20.3	34.77	Pass
			25	0	22.88	-0.4	20.33	34.77	Pass
	23230	782	1	0	23.69	-0.4	21.14	34.77	Pass
			1	12	24.00	-0.4	21.45	34.77	Pass
			1	24	23.74	-0.4	21.19	34.77	Pass
			12	0	22.66	-0.4	20.11	34.77	Pass
			12	6	22.66	-0.4	20.11	34.77	Pass
			12	13	22.78	-0.4	20.23	34.77	Pass
			25	0	22.63	-0.4	20.08	34.77	Pass
	23255	784.5	1	0	23.65	-0.4	21.1	34.77	Pass
			1	12	23.98	-0.4	21.43	34.77	Pass
			1	24	23.64	-0.4	21.09	34.77	Pass
			12	0	22.52	-0.4	19.97	34.77	Pass
			12	6	22.55	-0.4	20	34.77	Pass
			12	13	22.46	-0.4	19.91	34.77	Pass
			25	0	22.62	-0.4	20.07	34.77	Pass
16QAM	23205	779.5	1	0	23.02	-0.4	20.47	34.77	Pass
			1	12	23.28	-0.4	20.73	34.77	Pass
			1	24	22.99	-0.4	20.44	34.77	Pass
			12	0	21.94	-0.4	19.39	34.77	Pass
			12	6	21.96	-0.4	19.41	34.77	Pass
			12	13	21.98	-0.4	19.43	34.77	Pass
			25	0	21.77	-0.4	19.22	34.77	Pass
	23230	782	1	0	22.91	-0.4	20.36	34.77	Pass
			1	12	23.17	-0.4	20.62	34.77	Pass
			1	24	22.84	-0.4	20.29	34.77	Pass
			12	0	21.63	-0.4	19.08	34.77	Pass
			12	6	21.83	-0.4	19.28	34.77	Pass
			12	13	21.72	-0.4	19.17	34.77	Pass
			25	0	21.71	-0.4	19.16	34.77	Pass
	23255	784.5	1	0	22.69	-0.4	20.14	34.77	Pass
			1	12	23.07	-0.4	20.52	34.77	Pass
			1	24	22.77	-0.4	20.22	34.77	Pass
			12	0	21.62	-0.4	19.07	34.77	Pass
			12	6	21.69	-0.4	19.14	34.77	Pass
			12	13	21.69	-0.4	19.14	34.77	Pass
			25	0	21.54	-0.4	18.99	34.77	Pass

LTE Band 13(Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23230	782	1	0	23.81	-0.4	21.26	34.77	Pass
			1	24	23.82	-0.4	21.27	34.77	Pass
			1	49	23.59	-0.4	21.04	34.77	Pass
			25	0	22.65	-0.4	20.1	34.77	Pass
			25	12	22.78	-0.4	20.23	34.77	Pass
			25	25	22.73	-0.4	20.18	34.77	Pass
			50	0	22.72	-0.4	20.17	34.77	Pass
16QAM	23230	782	1	0	22.98	-0.4	20.43	34.77	Pass
			1	24	23.12	-0.4	20.57	34.77	Pass
			1	49	22.75	-0.4	20.2	34.77	Pass
			25	0	21.75	-0.4	19.2	34.77	Pass
			25	12	21.75	-0.4	19.2	34.77	Pass
			25	25	21.61	-0.4	19.06	34.77	Pass
			50	0	21.63	-0.4	19.08	34.77	Pass

LTE Band 17(Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23755	706.5	1	0	23.15	-0.4	20.6	34.77	Pass
			1	12	23.56	-0.4	21.01	34.77	Pass
			1	24	23.37	-0.4	20.82	34.77	Pass
			12	0	22.35	-0.4	19.8	34.77	Pass
			12	6	22.28	-0.4	19.73	34.77	Pass
			12	13	22.41	-0.4	19.86	34.77	Pass
			25	0	22.35	-0.4	19.8	34.77	Pass
	23790	710	1	0	23.35	-0.4	20.8	34.77	Pass
			1	12	23.75	-0.4	21.2	34.77	Pass
			1	24	23.48	-0.4	20.93	34.77	Pass
			12	0	22.27	-0.4	19.72	34.77	Pass
			12	6	22.45	-0.4	19.9	34.77	Pass
			12	13	22.38	-0.4	19.83	34.77	Pass
			25	0	22.31	-0.4	19.76	34.77	Pass
	23825	713.5	1	0	23.30	-0.4	20.75	34.77	Pass
			1	12	23.82	-0.4	21.27	34.77	Pass
			1	24	23.53	-0.4	20.98	34.77	Pass
			12	0	22.40	-0.4	19.85	34.77	Pass
			12	6	22.57	-0.4	20.02	34.77	Pass
			12	13	22.44	-0.4	19.89	34.77	Pass
			25	0	22.36	-0.4	19.81	34.77	Pass
16QAM	23755	706.5	1	0	22.29	-0.4	19.74	34.77	Pass
			1	12	22.76	-0.4	20.21	34.77	Pass
			1	24	22.39	-0.4	19.84	34.77	Pass
			12	0	21.26	-0.4	18.71	34.77	Pass
			12	6	21.52	-0.4	18.97	34.77	Pass
			12	13	21.39	-0.4	18.84	34.77	Pass
			25	0	21.29	-0.4	18.74	34.77	Pass
	23790	710	1	0	22.54	-0.4	19.99	34.77	Pass
			1	12	22.94	-0.4	20.39	34.77	Pass
			1	24	22.49	-0.4	19.94	34.77	Pass
			12	0	21.30	-0.4	18.75	34.77	Pass
			12	6	21.51	-0.4	18.96	34.77	Pass
			12	13	21.42	-0.4	18.87	34.77	Pass
			25	0	21.39	-0.4	18.84	34.77	Pass
	23825	713.5	1	0	22.42	-0.4	19.87	34.77	Pass
			1	12	22.85	-0.4	20.3	34.77	Pass
			1	24	22.49	-0.4	19.94	34.77	Pass
			12	0	21.53	-0.4	18.98	34.77	Pass
			12	6	21.60	-0.4	19.05	34.77	Pass
			12	13	21.30	-0.4	18.75	34.77	Pass
			25	0	21.36	-0.4	18.81	34.77	Pass

LTE Band 17(Bandwidth: 10MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	ERP [dBm]	ERP Limit [dBm]	Verdict
			Size	Offset					
QPSK	23780	709	1	0	23.30	-0.4	20.75	34.77	Pass
			1	24	23.50	-0.4	20.95	34.77	Pass
			1	49	23.53	-0.4	20.98	34.77	Pass
			25	0	22.35	-0.4	19.8	34.77	Pass
			25	12	22.48	-0.4	19.93	34.77	Pass
			25	25	22.45	-0.4	19.9	34.77	Pass
			50	0	22.32	-0.4	19.77	34.77	Pass
	23790	710	1	0	23.17	-0.4	20.62	34.77	Pass
			1	24	23.59	-0.4	21.04	34.77	Pass
			1	49	23.56	-0.4	21.01	34.77	Pass
			25	0	22.40	-0.4	19.85	34.77	Pass
			25	12	22.48	-0.4	19.93	34.77	Pass
			25	25	22.41	-0.4	19.86	34.77	Pass
			50	0	22.37	-0.4	19.82	34.77	Pass
	23800	711	1	0	23.25	-0.4	20.7	34.77	Pass
			1	24	23.60	-0.4	21.05	34.77	Pass
			1	49	23.70	-0.4	21.15	34.77	Pass
			25	0	22.40	-0.4	19.85	34.77	Pass
			25	12	22.47	-0.4	19.92	34.77	Pass
			25	25	22.38	-0.4	19.83	34.77	Pass
			50	0	22.33	-0.4	19.78	34.77	Pass
16QAM	23780	709	1	0	22.42	-0.4	19.87	34.77	Pass
			1	24	22.68	-0.4	20.13	34.77	Pass
			1	49	22.41	-0.4	19.86	34.77	Pass
			25	0	21.25	-0.4	18.7	34.77	Pass
			25	12	21.42	-0.4	18.87	34.77	Pass
			25	25	21.26	-0.4	18.71	34.77	Pass
			50	0	21.25	-0.4	18.7	34.77	Pass
	23790	710	1	0	22.52	-0.4	19.97	34.77	Pass
			1	24	22.70	-0.4	20.15	34.77	Pass
			1	49	22.48	-0.4	19.93	34.77	Pass
			25	0	21.18	-0.4	18.63	34.77	Pass
			25	12	21.36	-0.4	18.81	34.77	Pass
			25	25	21.30	-0.4	18.75	34.77	Pass
			50	0	21.22	-0.4	18.67	34.77	Pass
	23800	711	1	0	22.59	-0.4	20.04	34.77	Pass
			1	24	22.68	-0.4	20.13	34.77	Pass
			1	49	22.74	-0.4	20.19	34.77	Pass
			25	0	21.29	-0.4	18.74	34.77	Pass
			25	12	21.49	-0.4	18.94	34.77	Pass
			25	25	21.24	-0.4	18.69	34.77	Pass
			50	0	21.32	-0.4	18.77	34.77	Pass

LTE Band 38 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	37775	2572.5	1	0	23.04	1.17	24.21	33	Pass
			1	12	23.36	1.17	24.53	33	Pass
			1	24	22.96	1.17	24.13	33	Pass
			12	0	21.93	1.17	23.1	33	Pass
			12	6	22.16	1.17	23.33	33	Pass
			12	13	21.91	1.17	23.08	33	Pass
			25	0	21.97	1.17	23.14	33	Pass
	38000	2595	1	0	22.96	1.17	24.13	33	Pass
			1	12	23.35	1.17	24.52	33	Pass
			1	24	22.86	1.17	24.03	33	Pass
			12	0	21.93	1.17	23.1	33	Pass
			12	6	22.06	1.17	23.23	33	Pass
			12	13	21.98	1.17	23.15	33	Pass
			25	0	21.94	1.17	23.11	33	Pass
	38225	2617.5	1	0	22.92	1.17	24.09	33	Pass
			1	12	23.31	1.17	24.48	33	Pass
			1	24	23.04	1.17	24.21	33	Pass
			12	0	21.92	1.17	23.09	33	Pass
			12	6	22.03	1.17	23.2	33	Pass
			12	13	21.88	1.17	23.05	33	Pass
			25	0	21.98	1.17	23.15	33	Pass
16QAM	37775	2572.5	1	0	21.97	1.17	23.14	33	Pass
			1	12	22.17	1.17	23.34	33	Pass
			1	24	21.91	1.17	23.08	33	Pass
			12	0	20.98	1.17	22.15	33	Pass
			12	6	21.04	1.17	22.21	33	Pass
			12	13	21.08	1.17	22.25	33	Pass
			25	0	21.07	1.17	22.24	33	Pass
	38000	2595	1	0	22.23	1.17	23.4	33	Pass
			1	12	22.60	1.17	23.77	33	Pass
			1	24	22.20	1.17	23.37	33	Pass
			12	0	21.08	1.17	22.25	33	Pass
			12	6	21.02	1.17	22.19	33	Pass
			12	13	20.95	1.17	22.12	33	Pass
			25	0	21.11	1.17	22.28	33	Pass
	38225	2617.5	1	0	21.97	1.17	23.14	33	Pass
			1	12	22.14	1.17	23.31	33	Pass
			1	24	21.78	1.17	22.95	33	Pass
			12	0	20.97	1.17	22.14	33	Pass
			12	6	20.99	1.17	22.16	33	Pass
			12	13	20.98	1.17	22.15	33	Pass
			25	0	21.01	1.17	22.18	33	Pass

LTE Band 38 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	37800	2575	1	0	23.07	1.17	24.24	33	Pass
			1	24	23.19	1.17	24.36	33	Pass
			1	49	23.01	1.17	24.18	33	Pass
			25	0	22.06	1.17	23.23	33	Pass
			25	12	21.98	1.17	23.15	33	Pass
			25	25	22.06	1.17	23.23	33	Pass
			50	0	22.00	1.17	23.17	33	Pass
	38000	2595	1	0	22.95	1.17	24.12	33	Pass
			1	24	23.10	1.17	24.27	33	Pass
			1	49	22.96	1.17	24.13	33	Pass
			25	0	22.13	1.17	23.3	33	Pass
			25	12	21.97	1.17	23.14	33	Pass
			25	25	22.12	1.17	23.29	33	Pass
			50	0	21.96	1.17	23.13	33	Pass
	38200	2615	1	0	22.97	1.17	24.14	33	Pass
			1	24	23.15	1.17	24.32	33	Pass
			1	49	23.00	1.17	24.17	33	Pass
			25	0	22.07	1.17	23.24	33	Pass
			25	12	22.13	1.17	23.3	33	Pass
			25	25	22.15	1.17	23.32	33	Pass
16QAM	37800	2575	50	0	22.07	1.17	23.24	33	Pass
			1	0	22.17	1.17	23.34	33	Pass
			1	24	22.40	1.17	23.57	33	Pass
			1	49	22.21	1.17	23.38	33	Pass
			25	0	21.09	1.17	22.26	33	Pass
			25	12	20.96	1.17	22.13	33	Pass
	38000	2595	25	25	20.93	1.17	22.1	33	Pass
			50	0	21.10	1.17	22.27	33	Pass
			1	0	22.14	1.17	23.31	33	Pass
			1	24	22.28	1.17	23.45	33	Pass
			1	49	22.20	1.17	23.37	33	Pass
			25	0	21.01	1.17	22.18	33	Pass
	38200	2615	25	12	20.90	1.17	22.07	33	Pass
			25	25	20.97	1.17	22.14	33	Pass
			50	0	21.00	1.17	22.17	33	Pass
			1	0	22.20	1.17	23.37	33	Pass
			1	24	22.27	1.17	23.44	33	Pass
			1	49	22.04	1.17	23.21	33	Pass
			25	0	20.94	1.17	22.11	33	Pass
			25	12	21.07	1.17	22.24	33	Pass
			25	25	21.01	1.17	22.18	33	Pass
			50	0	21.13	1.17	22.3	33	Pass

LTE Band 38 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	37825	2577.5	1	0	23.00	1.17	24.17	33	Pass
			1	37	22.92	1.17	24.09	33	Pass
			1	74	23.02	1.17	24.19	33	Pass
			37	0	22.11	1.17	23.28	33	Pass
			37	18	22.16	1.17	23.33	33	Pass
			37	38	22.13	1.17	23.3	33	Pass
			75	0	22.13	1.17	23.3	33	Pass
	38000	2595	1	0	22.96	1.17	24.13	33	Pass
			1	37	23.00	1.17	24.17	33	Pass
			1	74	22.95	1.17	24.12	33	Pass
			37	0	22.12	1.17	23.29	33	Pass
			37	18	21.98	1.17	23.15	33	Pass
			37	38	22.01	1.17	23.18	33	Pass
			75	0	22.02	1.17	23.19	33	Pass
	38175	2612.5	1	0	23.04	1.17	24.21	33	Pass
			1	37	23.12	1.17	24.29	33	Pass
			1	74	22.87	1.17	24.04	33	Pass
			37	0	21.96	1.17	23.13	33	Pass
			37	18	22.09	1.17	23.26	33	Pass
			37	38	22.12	1.17	23.29	33	Pass
			75	0	22.09	1.17	23.26	33	Pass
16QAM	37825	2577.5	1	0	22.12	1.17	23.29	33	Pass
			1	37	22.19	1.17	23.36	33	Pass
			1	74	22.16	1.17	23.33	33	Pass
			37	0	21.11	1.17	22.28	33	Pass
			37	18	21.11	1.17	22.28	33	Pass
			37	38	21.04	1.17	22.21	33	Pass
			75	0	20.95	1.17	22.12	33	Pass
	38000	2595	1	0	22.25	1.17	23.42	33	Pass
			1	37	22.26	1.17	23.43	33	Pass
			1	74	22.17	1.17	23.34	33	Pass
			37	0	21.12	1.17	22.29	33	Pass
			37	18	21.03	1.17	22.2	33	Pass
			37	38	21.06	1.17	22.23	33	Pass
			75	0	21.00	1.17	22.17	33	Pass
	38175	2612.5	1	0	22.03	1.17	23.2	33	Pass
			1	37	22.12	1.17	23.29	33	Pass
			1	74	22.06	1.17	23.23	33	Pass
			37	0	20.91	1.17	22.08	33	Pass
			37	18	20.95	1.17	22.12	33	Pass
			37	38	21.13	1.17	22.3	33	Pass
			75	0	21.03	1.17	22.2	33	Pass

LTE Band 38 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	37850	2580	1	0	22.91	1.17	24.08	33	Pass
			1	49	23.24	1.17	24.41	33	Pass
			1	99	22.85	1.17	24.02	33	Pass
			50	0	21.96	1.17	23.13	33	Pass
			50	25	22.02	1.17	23.19	33	Pass
			50	50	22.07	1.17	23.24	33	Pass
			100	0	21.98	1.17	23.15	33	Pass
	38000	2595	1	0	22.74	1.17	23.91	33	Pass
			1	49	23.31	1.17	24.48	33	Pass
			1	99	22.97	1.17	24.14	33	Pass
			50	0	22.03	1.17	23.2	33	Pass
			50	25	22.06	1.17	23.23	33	Pass
			50	50	22.01	1.17	23.18	33	Pass
			100	0	22.06	1.17	23.23	33	Pass
	38150	2610	1	0	22.67	1.17	23.84	33	Pass
			1	49	23.12	1.17	24.29	33	Pass
			1	99	22.81	1.17	23.98	33	Pass
			50	0	21.92	1.17	23.09	33	Pass
			50	25	22.09	1.17	23.26	33	Pass
			50	50	22.13	1.17	23.3	33	Pass
			100	0	21.91	1.17	23.08	33	Pass
16QAM	37850	2580	1	0	22.01	1.17	23.18	33	Pass
			1	49	22.34	1.17	23.51	33	Pass
			1	99	21.95	1.17	23.12	33	Pass
			50	0	21.01	1.17	22.18	33	Pass
			50	25	21.10	1.17	22.27	33	Pass
			50	50	20.94	1.17	22.11	33	Pass
			100	0	20.98	1.17	22.15	33	Pass
	38000	2595	1	0	22.06	1.17	23.23	33	Pass
			1	49	22.42	1.17	23.59	33	Pass
			1	99	22.06	1.17	23.23	33	Pass
			50	0	20.95	1.17	22.12	33	Pass
			50	25	20.94	1.17	22.11	33	Pass
			50	50	21.11	1.17	22.28	33	Pass
			100	0	20.94	1.17	22.11	33	Pass
	38150	2610	1	0	21.94	1.17	23.11	33	Pass
			1	49	22.31	1.17	23.48	33	Pass
			1	99	21.97	1.17	23.14	33	Pass
			50	0	20.91	1.17	22.08	33	Pass
			50	25	21.08	1.17	22.25	33	Pass
			50	50	21.09	1.17	22.26	33	Pass
			100	0	20.92	1.17	22.09	33	Pass

LTE Band 41 (Bandwidth: 5MHz)

Channel Bandwidth: 5 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	40265	2557.5	1	0	22.83	1.17	24	33	Pass
			1	12	23.13	1.17	24.3	33	Pass
			1	24	22.84	1.17	24.01	33	Pass
			12	0	21.90	1.17	23.07	33	Pass
			12	6	21.95	1.17	23.12	33	Pass
			12	13	21.86	1.17	23.03	33	Pass
			25	0	22.00	1.17	23.17	33	Pass
	40740	2605	1	0	22.93	1.17	24.1	33	Pass
			1	12	23.39	1.17	24.56	33	Pass
			1	24	22.98	1.17	24.15	33	Pass
			12	0	21.96	1.17	23.13	33	Pass
			12	6	21.94	1.17	23.11	33	Pass
			12	13	22.05	1.17	23.22	33	Pass
			25	0	22.04	1.17	23.21	33	Pass
	41215	2652.5	1	0	22.89	1.17	24.06	33	Pass
			1	12	23.19	1.17	24.36	33	Pass
			1	24	22.77	1.17	23.94	33	Pass
			12	0	21.80	1.17	22.97	33	Pass
			12	6	21.82	1.17	22.99	33	Pass
			12	13	21.82	1.17	22.99	33	Pass
			25	0	21.95	1.17	23.12	33	Pass
16QAM	40265	2557.5	1	0	22.06	1.17	23.23	33	Pass
			1	12	22.50	1.17	23.67	33	Pass
			1	24	22.31	1.17	23.48	33	Pass
			12	0	21.03	1.17	22.2	33	Pass
			12	6	21.03	1.17	22.2	33	Pass
			12	13	21.01	1.17	22.18	33	Pass
			25	0	20.90	1.17	22.07	33	Pass
	40740	2605	1	0	22.11	1.17	23.28	33	Pass
			1	12	22.33	1.17	23.5	33	Pass
			1	24	22.14	1.17	23.31	33	Pass
			12	0	20.87	1.17	22.04	33	Pass
			12	6	21.10	1.17	22.27	33	Pass
			12	13	21.06	1.17	22.23	33	Pass
			25	0	20.91	1.17	22.08	33	Pass
	41215	2652.5	1	0	21.81	1.17	22.98	33	Pass
			1	12	21.94	1.17	23.11	33	Pass
			1	24	21.81	1.17	22.98	33	Pass
			12	0	20.80	1.17	21.97	33	Pass
			12	6	20.76	1.17	21.93	33	Pass
			12	13	20.78	1.17	21.95	33	Pass
			25	0	20.75	1.17	21.92	33	Pass

LTE Band 41 (Bandwidth: 10MHz)

Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	40290	2560	1	0	22.87	1.17	24.04	33	Pass
			1	24	23.11	1.17	24.28	33	Pass
			1	49	22.87	1.17	24.04	33	Pass
			25	0	22.08	1.17	23.25	33	Pass
			25	12	22.06	1.17	23.23	33	Pass
			25	25	21.99	1.17	23.16	33	Pass
			50	0	22.06	1.17	23.23	33	Pass
	40740	2605	1	0	23.01	1.17	24.18	33	Pass
			1	24	23.22	1.17	24.39	33	Pass
			1	49	23.04	1.17	24.21	33	Pass
			25	0	22.06	1.17	23.23	33	Pass
			25	12	22.03	1.17	23.2	33	Pass
			25	25	22.02	1.17	23.19	33	Pass
			50	0	22.00	1.17	23.17	33	Pass
	41190	2650	1	0	22.79	1.17	23.96	33	Pass
			1	24	22.99	1.17	24.16	33	Pass
			1	49	22.87	1.17	24.04	33	Pass
			25	0	21.99	1.17	23.16	33	Pass
			25	12	21.87	1.17	23.04	33	Pass
			25	25	22.03	1.17	23.2	33	Pass
16QAM	40290	2560	1	0	22.10	1.17	23.27	33	Pass
			1	24	22.31	1.17	23.48	33	Pass
			1	49	22.07	1.17	23.24	33	Pass
			25	0	20.86	1.17	22.03	33	Pass
			25	12	20.93	1.17	22.1	33	Pass
			25	25	21.01	1.17	22.18	33	Pass
			50	0	21.03	1.17	22.2	33	Pass
	40740	2605	1	0	22.09	1.17	23.26	33	Pass
			1	24	22.34	1.17	23.51	33	Pass
			1	49	22.22	1.17	23.39	33	Pass
			25	0	20.98	1.17	22.15	33	Pass
			25	12	20.95	1.17	22.12	33	Pass
			25	25	20.93	1.17	22.1	33	Pass
			50	0	21.04	1.17	22.21	33	Pass
	41190	2650	1	0	22.15	1.17	23.32	33	Pass
			1	24	22.29	1.17	23.46	33	Pass
			1	49	21.99	1.17	23.16	33	Pass
			25	0	20.95	1.17	22.12	33	Pass
			25	12	20.97	1.17	22.14	33	Pass
			25	25	20.89	1.17	22.06	33	Pass
			50	0	20.87	1.17	22.04	33	Pass

LTE Band 41 (Bandwidth: 15MHz)

Channel Bandwidth: 15 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	40315	2562.5	1	0	22.89	1.17	24.06	33	Pass
			1	24	23.11	1.17	24.28	33	Pass
			1	49	22.88	1.17	24.05	33	Pass
			25	0	22.08	1.17	23.25	33	Pass
			25	12	22.11	1.17	23.28	33	Pass
			25	25	22.05	1.17	23.22	33	Pass
			50	0	22.17	1.17	23.34	33	Pass
	40740	2605	1	0	22.84	1.17	24.01	33	Pass
			1	24	23.01	1.17	24.18	33	Pass
			1	49	22.99	1.17	24.16	33	Pass
			25	0	22.06	1.17	23.23	33	Pass
			25	12	22.13	1.17	23.3	33	Pass
			25	25	22.02	1.17	23.19	33	Pass
			50	0	22.15	1.17	23.32	33	Pass
	41165	2647.5	1	0	22.87	1.17	24.04	33	Pass
			1	24	22.94	1.17	24.11	33	Pass
			1	49	22.76	1.17	23.93	33	Pass
			25	0	21.92	1.17	23.09	33	Pass
			25	12	21.95	1.17	23.12	33	Pass
			25	25	21.98	1.17	23.15	33	Pass
			50	0	21.96	1.17	23.13	33	Pass
16QAM	40315	2562.5	1	0	22.08	1.17	23.25	33	Pass
			1	24	22.21	1.17	23.38	33	Pass
			1	49	22.28	1.17	23.45	33	Pass
			25	0	21.04	1.17	22.21	33	Pass
			25	12	21.01	1.17	22.18	33	Pass
			25	25	21.00	1.17	22.17	33	Pass
			50	0	21.00	1.17	22.17	33	Pass
	40740	2605	1	0	22.11	1.17	23.28	33	Pass
			1	24	22.22	1.17	23.39	33	Pass
			1	49	22.01	1.17	23.18	33	Pass
			25	0	20.99	1.17	22.16	33	Pass
			25	12	21.03	1.17	22.2	33	Pass
			25	25	21.03	1.17	22.2	33	Pass
			50	0	21.00	1.17	22.17	33	Pass
	41165	2647.5	1	0	22.02	1.17	23.19	33	Pass
			1	24	22.16	1.17	23.33	33	Pass
			1	49	21.99	1.17	23.16	33	Pass
			25	0	20.97	1.17	22.14	33	Pass
			25	12	20.91	1.17	22.08	33	Pass
			25	25	20.92	1.17	22.09	33	Pass
			50	0	20.90	1.17	22.07	33	Pass

LTE Band 41 (Bandwidth: 20MHz)

Channel Bandwidth: 20 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	40340	2565	1	0	22.81	1.17	23.98	33	Pass
			1	49	23.18	1.17	24.35	33	Pass
			1	99	22.81	1.17	23.98	33	Pass
			50	0	21.90	1.17	23.07	33	Pass
			50	25	21.98	1.17	23.15	33	Pass
			50	50	22.01	1.17	23.18	33	Pass
	40740	2605	100	0	21.95	1.17	23.12	33	Pass
			1	0	22.87	1.17	24.04	33	Pass
			1	49	23.36	1.17	24.53	33	Pass
			1	99	22.83	1.17	24	33	Pass
			50	0	21.97	1.17	23.14	33	Pass
			50	25	22.04	1.17	23.21	33	Pass
	41140	2645	50	50	22.07	1.17	23.24	33	Pass
			100	0	21.91	1.17	23.08	33	Pass
			1	0	22.83	1.17	24	33	Pass
			1	49	23.17	1.17	24.34	33	Pass
			1	99	22.66	1.17	23.83	33	Pass
			50	0	21.90	1.17	23.07	33	Pass
			50	25	21.88	1.17	23.05	33	Pass
			50	50	21.98	1.17	23.15	33	Pass
			100	0	21.86	1.17	23.03	33	Pass
16QAM	40340	2565	1	0	21.91	1.17	23.08	33	Pass
			1	49	22.47	1.17	23.64	33	Pass
			1	99	22.10	1.17	23.27	33	Pass
			50	0	20.90	1.17	22.07	33	Pass
			50	25	21.00	1.17	22.17	33	Pass
			50	50	20.95	1.17	22.12	33	Pass
	40740	2605	100	0	21.01	1.17	22.18	33	Pass
			1	0	21.92	1.17	23.09	33	Pass
			1	49	22.31	1.17	23.48	33	Pass
			1	99	22.02	1.17	23.19	33	Pass
			50	0	20.98	1.17	22.15	33	Pass
			50	25	21.05	1.17	22.22	33	Pass
	41140	2645	50	50	21.11	1.17	22.28	33	Pass
			100	0	21.01	1.17	22.18	33	Pass
			1	0	21.72	1.17	22.89	33	Pass
			1	49	22.17	1.17	23.34	33	Pass
			1	99	21.74	1.17	22.91	33	Pass
			50	0	20.86	1.17	22.03	33	Pass
			50	25	20.92	1.17	22.09	33	Pass
			50	50	20.92	1.17	22.09	33	Pass
			100	0	20.89	1.17	22.06	33	Pass

5.2. Peak to Average Ratio

5.2.1. Test Standard

CFR 47 (FCC) part 24 subpart E, part 27

5.2.2. Test Limit

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

5.2.3. Test Procedure

A peak to average ratio measurement is performed at the conducted port of the EUT. For WCDMA signals, the spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level. For GSM signals, an average and a peak trace are used on a spectrum analyzer to determine the largest deviation between the average and the peak power of the EUT in a bandwidth greater than the emission bandwidth. The traces are generated with the spectrum analyzer set to zero span mode. For LTE operating mode: a. The EUT was connected to spectrum and system simulator via a power divider. b. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer. c. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1%. d. Record the deviation as Peak to Average Ratio.

5.2.4. Test Data

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
GSM1900	GPRS/TM1	1850.2	0.15	<13	PASS
		1880	0.19	<13	PASS
		1909.8	0.21	<13	PASS
GSM1900	EDGE/TM2	1850.2	2.82	<13	PASS
		1880	2.96	<13	PASS
		1909.8	2.74	<13	PASS

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
WCDMA1900	UMTS/TM3	1852.4	2.86	<13	PASS
		1880	2.84	<13	PASS
		1907.6	2.71	<13	PASS

LTE Band 2:

Channel Bandwidth: 1.4 MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1850.7	6	0	5.15	<13	PASS
	1880	6	0	4.58	<13	PASS
	1909.3	6	0	4.58	<13	PASS
16QAM	1850.7	6	0	6.15	<13	PASS
	1880	6	0	6.11	<13	PASS
	1909.3	6	0	5.52	<13	PASS

Channel Bandwidth: 3MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1851.5	15	0	5.09	<13	PASS
	1880	15	0	5.29	<13	PASS
	1908.5	15	0	4.75	<13	PASS
16QAM	1851.5	15	0	6.21	<13	PASS
	1880	15	0	6.22	<13	PASS
	1908.5	15	0	5.80	<13	PASS

Channel Bandwidth: 5MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1852.5	25	0	5.20	<13	PASS
	1880	25	0	5.35	<13	PASS
	1907.5	25	0	4.92	<13	PASS
16QAM	1852.5	25	0	6.07	<13	PASS
	1880	25	0	6.16	<13	PASS
	1907.5	25	0	5.75	<13	PASS

Channel Bandwidth: 10MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1855	50	0	5.34	<13	PASS
	1880	50	0	5.43	<13	PASS
	1905	50	0	5.14	<13	PASS
16QAM	1855	50	0	6.11	<13	PASS
	1880	50	0	6.25	<13	PASS
	1905	50	0	5.91	<13	PASS

Channel Bandwidth: 15MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1857.5	75	0	5.06	<13	PASS
	1880	75	0	5.26	<13	PASS
	1902.5	75	0	5.04	<13	PASS
16QAM	1857.5	75	0	6.01	<13	PASS
	1880	75	0	6.12	<13	PASS
	1902.5	75	0	5.94	<13	PASS

Channel Bandwidth: 20MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1860	100	0	5.42	<13	PASS
	1880	100	0	5.42	<13	PASS
	1900	100	0	5.33	<13	PASS
16QAM	1860	100	0	6.40	<13	PASS
	1880	100	0	6.48	<13	PASS
	1900	100	0	6.39	<13	PASS

LTE Band 4:

Channel Bandwidth: 1.4 MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1710.7	6	0	4.38	<13	PASS
	1745	6	0	4.30	<13	PASS
	1779.3	6	0	4.14	<13	PASS
16QAM	1710.7	6	0	5.43	<13	PASS
	1745	6	0	5.40	<13	PASS
	1779.3	6	0	5.22	<13	PASS

Channel Bandwidth: 3MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1711.5	15	0	4.46	<13	PASS
	1745	15	0	4.36	<13	PASS
	1778.5	15	0	4.17	<13	PASS
16QAM	1711.5	15	0	5.41	<13	PASS
	1745	15	0	5.36	<13	PASS
	1778.5	15	0	5.18	<13	PASS

Channel Bandwidth: 5MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1712.5	25	0	4.59	<13	PASS
	1745	25	0	4.53	<13	PASS
	1777.5	25	0	4.24	<13	PASS
16QAM	1712.5	25	0	5.53	<13	PASS
	1745	25	0	5.40	<13	PASS
	1777.5	25	0	5.12	<13	PASS

Channel Bandwidth: 10MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1715	50	0	5.04	<13	PASS
	1745	50	0	4.88	<13	PASS
	1775	50	0	4.64	<13	PASS
16QAM	1715	50	0	5.83	<13	PASS
	1745	50	0	5.72	<13	PASS
	1775	50	0	5.44	<13	PASS

Channel Bandwidth: 15MHz						
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Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1717.5	75	0	4.93	<13	PASS
	1745	75	0	4.82	<13	PASS
	1772.5	75	0	4.66	<13	PASS
16QAM	1717.5	75	0	5.85	<13	PASS
	1745	75	0	5.75	<13	PASS
	1772.5	75	0	5.57	<13	PASS

Channel Bandwidth: 20MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	1720	100	0	5.39	<13	PASS
	1745	100	0	5.35	<13	PASS
	1770	100	0	5.32	<13	PASS
16QAM	1720	100	0	6.37	<13	PASS
	1745	100	0	6.40	<13	PASS
	1770	100	0	6.31	<13	PASS

LTE Band 5:

Channel Bandwidth: 1.4 MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	824.7	6	0	4.75	<13	PASS
	836.5	6	0	5.03	<13	PASS
	848.3	6	0	4.58	<13	PASS
16QAM	824.7	6	0	5.67	<13	PASS
	836.5	6	0	6.04	<13	PASS
	848.3	6	0	5.56	<13	PASS

Channel Bandwidth: 3MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	825.5	15	0	4.83	<13	PASS
	836.5	15	0	5.03	<13	PASS
	847.5	15	0	4.68	<13	PASS
16QAM	825.5	15	0	5.69	<13	PASS
	836.5	15	0	5.98	<13	PASS
	847.5	15	0	5.68	<13	PASS

Channel Bandwidth: 5MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	826.5	25	0	4.89	<13	PASS
	836.5	25	0	5.13	<13	PASS
	846.5	25	0	4.92	<13	PASS
16QAM	826.5	25	0	5.73	<13	PASS
	836.5	25	0	5.90	<13	PASS
	846.5	25	0	5.73	<13	PASS

Channel Bandwidth: 10MHz						
Modulation	Test	RB Configuration		Peak-to-Average Ratio	Limit	Verdict

	Channel	Size	Offset	(dB)	(dB)	
QPSK	829	50	0	5.20	<13	PASS
	836.5	50	0	5.32	<13	PASS
	844	50	0	5.28	<13	PASS
16QAM	829	50	0	5.97	<13	PASS
	836.5	50	0	6.05	<13	PASS
	844	50	0	6.00	<13	PASS

LTE Band 7:

Channel Bandwidth: 5MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	2502.5	25	0	4.82	<13	PASS
	2535	25	0	4.06	<13	PASS
	2567.5	25	0	4.40	<13	PASS
16QAM	2502.5	25	0	5.84	<13	PASS
	2535	25	0	4.96	<13	PASS
	2567.5	25	0	5.30	<13	PASS

Channel Bandwidth: 10MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	2505	50	0	4.78	<13	PASS
	2535	50	0	4.01	<13	PASS
	2565	50	0	4.72	<13	PASS
16QAM	2505	50	0	5.68	<13	PASS
	2535	50	0	5.03	<13	PASS
	2565	50	0	5.65	<13	PASS

Channel Bandwidth: 15MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	2507.5	75	0	5.41	<13	PASS
	2535	75	0	5.16	<13	PASS
	2562.5	75	0	5.28	<13	PASS
16QAM	2507.5	75	0	6.28	<13	PASS
	2535	75	0	5.98	<13	PASS
	2562.5	75	0	6.14	<13	PASS

Channel Bandwidth: 20MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	2510	100	0	5.40	<13	PASS
	2535	100	0	5.37	<13	PASS
	2560	100	0	5.30	<13	PASS
16QAM	2510	100	0	6.46	<13	PASS
	2535	100	0	6.44	<13	PASS
	2560	100	0	6.49	<13	PASS

LTE Band 12:

Channel Bandwidth: 1.4MHz						
Modulation	Test Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			