



FCC CFR47 PART 22H, 24E, 27 AND 90S

CERTIFICATION TEST REPORT

FOR

CELLULAR PHONE WITH BLUETOOTH AND WLAN RADIOS

MODEL NUMBERS: A1634, A1687, A1690, A1699

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--	07/24/2015	Initial Review	M. Mekuria
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11.	SETUP PHOTOS	1989

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: APPLE
1 INFINITE LOOP
CUPERTINO, CA 95014, U.S.A.

EUT DESCRIPTION: CELLULAR PHONE WITH BLUETOOTH AND WLAN RADIOS

MODEL: A1634, A1687, A1690, A1699

SERIAL NUMBER: A1634:
C39PV005GQ77 (CONDUCTED); C39PL01EGLJW (RADIATED),
A1687:
C39PV05MGQ6N (CONDUCTED); C39PV08VG073 (RADIATED)

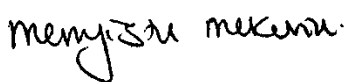
DATE TESTED: APRIL 30, 2015 – JULY 27, 2015

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC CFR47 PART 22H, 24E, 27 and 90S	Pass

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For
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MENGISTU MEKURIA
SENIOR ENGINEER
UL VERIFICATION SERVICES INC.

Tested By:



TINA CHU
LAB ENGINEER
UL VERIFICATION SERVICES INC.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with TIA-603-C, FCC CFR 47 Part 2, FCC KDB 971168 D01 v02r02, Part 22, Part 24, Part 27 and Part 90.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street
☐ Chamber A	☐ Chamber D
☐ Chamber B	☐ Chamber E
☐ Chamber C	☐ Chamber F
	☒ Chamber G
	☒ Chamber H

The above test sites and facilities are covered under FCC Test Firm Registration # 208313.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://ts.nist.gov/standards/scopes/2000650.htm>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	± 3.52 dB
Radiated Disturbance, 30 to 1000 MHz	± 4.94 dB
Radiated Disturbance, 1 to 6 GHz	± 3.86 dB
Radiated Disturbance, 6 to 18 GHz	± 4.23 dB
Radiated Disturbance, 18 to 26 GHz	± 5.30 dB
Radiated Disturbance, 26 to 40 GHz	± 5.23 dB

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

5. EQUIPMENT UNDER TEST

5.1.DESCRPTION OF EUT

The EUT is a mobile phone with multimedia functions (music, application support, and video), cellular GSM/GPRS/EGPRS/WCDMA/HSPA+/DC-HSDPA/CDMA/EVDO/LTE radio, IEEE 802.11a/b/g/n/ac, NFC, Bluetooth and GPS radio. The rechargeable battery is not user accessible.

5.2.MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted and ERP / EIRP output powers as follows:

5.2.1. MODEL: A1634 (LAT)

OUTPUT POWER FOR LTE BAND 2

Part 24 / RSS 133 LTE Band 2						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1910	QPSK	23.7	234.4	24.49	281.2
		16QAM	23.1	204.2	23.50	223.9
3		QPSK	23.6	229.1	24.48	280.5
		16QAM	22.9	195.0	23.49	223.4
5		QPSK	23.7	234.4	24.50	281.8
		16QAM	23.2	208.9	23.49	223.4
10		QPSK	23.7	234.4	24.50	281.8
		16QAM	23.1	204.2	23.49	223.4
15		QPSK	23.7	234.4	24.49	281.2
		16QAM	23.1	204.2	23.50	223.9
20		QPSK	23.7	234.4	24.51	282.5
		16QAM	23.1	204.2	23.52	224.9

OUTPUT POWER FOR LTE BAND 4

Part 27 / RSS 139 LTE Band 4						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP(Average)	
			dBm	mW	dBm	mW
1.4	1710 - 1755	QPSK	23.8	239.9	21.49	140.9
		16QAM	23.1	204.2	20.51	112.5
3		QPSK	24.0	251.2	21.50	141.3
		16QAM	23.2	208.9	20.51	112.5
5		QPSK	23.9	245.5	21.48	140.6
		16QAM	23.2	208.9	20.48	111.7
10		QPSK	23.9	245.5	21.51	141.6
		16QAM	23.2	208.9	20.51	112.5
15		QPSK	23.7	234.4	21.49	140.9
		16QAM	23.1	204.2	20.49	111.9
20		QPSK	23.7	234.4	21.50	141.3
		16QAM	23.2	208.9	20.51	112.5

OUTPUT POWER FOR LTE BAND 5

Part 22 / RSS 132 LTE Band 5						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	824 - 849	QPSK	24.0	251.2	19.09	81.1
		16QAM	23.2	208.9	18.15	65.3
3		QPSK	24.0	251.2	19.05	80.4
		16QAM	23.3	213.8	18.02	63.4
5		QPSK	24.0	251.2	19.08	80.9
		16QAM	23.2	208.9	18.21	66.2
10		QPSK	24.0	251.2	19.07	80.7
		16QAM	23.2	208.9	18.14	65.2

OUTPUT POWER FOR LTE BAND 7

Part 27 / RSS199 LTE Band 7						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2500 - 2570	QPSK	27.4	549.5	29.50	891.3
		16QAM	27.8	602.6	28.67	736.2
10		QPSK	27.1	512.9	30.58	1142.9
		16QAM	27.3	537.0	29.78	950.6
15		QPSK	27.4	549.5	30.02	1004.6
		16QAM	27.1	512.9	29.27	845.3
20		QPSK	27.4	549.5	30.12	1028.0
		16QAM	27.3	537.0	29.27	845.3

OUTPUT POWER FOR LTE BAND 12

Part 27 / RSS 130 LTE Band 12						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	699-716	QPSK	24.0	251.2	19.42	87.5
		16QAM	22.6	182.0	18.12	64.9
3		QPSK	23.7	234.4	19.41	87.3
		16QAM	22.9	195.0	18.41	69.3
5		QPSK	23.8	239.9	19.45	88.1
		16QAM	23.0	199.5	18.42	69.5
10		QPSK	23.6	229.1	19.44	87.9
		16QAM	22.8	190.5	18.49	70.6

OUTPUT POWER FOR LTE BAND 13

Part 27 / RSS 130 LTE Band 13						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	777 - 787	QPSK	24.0	251.2	19.27	84.5
		16QAM	23.1	204.2	18.29	67.5
10		QPSK	23.9	245.5	19.29	84.9
		16QAM	23.3	213.8	18.32	67.9

OUTPUT POWER FOR LTE BAND 17

Part 27 / RSS 130 LTE Band 17						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	704-716	QPSK	24.0	251.2	19.45	88.1
		16QAM	23.4	218.8	18.47	70.3
10		QPSK	23.9	245.5	19.42	87.5
		16QAM	23.2	208.9	18.37	68.7

OUTPUT POWER FOR LTE BAND 25

Part 24 / RSS 133 LTE Band 25						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1915	QPSK	23.8	239.9	24.51	282.5
		16QAM	23.2	208.9	23.48	222.8
3		QPSK	24.0	251.2	24.49	281.2
		16QAM	23.1	204.2	23.47	222.3
5		QPSK	24.0	251.2	24.48	280.5
		16QAM	23.0	199.5	23.48	222.8
10		QPSK	24.0	251.2	24.50	281.8
		16QAM	23.0	199.5	23.51	224.4
15		QPSK	23.9	245.5	24.49	281.2
		16QAM	23.2	208.9	23.49	223.4
20		QPSK	23.8	239.9	24.51	282.5
		16QAM	22.9	195.0	23.51	224.4

OUTPUT POWER FOR LTE BAND 26

Part 90 LTE Band 26						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	814-824	QPSK	24.0	251.2	19.08	80.9
		16QAM	23.1	204.2	18.12	64.9
3		QPSK	23.7	234.4	19.07	80.7
		16QAM	23.0	199.5	18.12	64.9
5		QPSK	23.8	239.9	19.09	81.1
		16QAM	22.8	190.5	18.12	64.9
10		QPSK	23.7	234.4	19.06	80.5
		16QAM	22.9	195.0	18.11	64.7

OUTPUT POWER FOR LTE BAND 30

Part 27 / RSS 195 LTE Band 30						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
5	2305-2315	QPSK	22.7	186.2	21.30	134.9
		16QAM	22.1	162.2	20.30	107.2
10		QPSK	22.7	186.2	21.28	134.3
		16QAM	22.0	158.5	20.34	108.1

OUTPUT POWER FOR LTE BAND 41

Part 27 LTE Band 41						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2496-2690	QPSK	27.3	537.0	29.34	859.0
		16QAM	27.4	549.5	28.34	682.3
10		QPSK	27.2	524.8	29.94	986.3
		16QAM	27.3	537.0	28.94	783.4
15		QPSK	26.8	478.6	31.63	1455.5
		16QAM	26.6	457.1	30.53	1129.8
20		QPSK	26.6	457.1	32.33	1710.0
		16QAM	26.6	457.1	31.33	1358.3

5.2.2. MODEL: A1634 (UAT)

OUTPUT POWER FOR LTE BAND 2

Part 24 / RSS 133 LTE Band 2						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1910	QPSK	18.2	66.1	18.46	70.1
		16QAM	17.3	53.7	17.76	59.7
3		QPSK	18.2	66.1	18.46	70.1
		16QAM	17.4	55.0	17.80	60.3
5		QPSK	18.1	64.6	18.45	70.0
		16QAM	17.3	53.7	17.68	58.6
10		QPSK	18.2	66.1	18.43	69.7
		16QAM	17.4	55.0	17.79	60.1
15		QPSK	18.1	64.6	18.46	70.1
		16QAM	17.2	52.5	17.89	61.5
20		QPSK	18.2	66.1	18.47	70.3
		16QAM	17.3	53.7	18.27	67.1

OUTPUT POWER FOR LTE BAND 4

Part 27 / RSS 139 LTE Band 4						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP(Average)	
			dBm	mW	dBm	mW
1.4	1710 - 1755	QPSK	20.0	100.0	20.56	113.8
		16QAM	19.3	85.1	19.56	90.4
3		QPSK	19.9	97.7	20.26	106.2
		16QAM	19.1	81.3	19.66	92.5
5		QPSK	19.9	97.7	20.45	110.9
		16QAM	19.3	85.1	19.45	88.1
10		QPSK	20.0	100.0	20.77	119.4
		16QAM	19.3	85.1	19.77	94.8
15		QPSK	19.8	95.5	20.74	118.6
		16QAM	19.1	81.3	19.74	94.2
20		QPSK	19.9	97.7	20.88	122.5
		16QAM	19.2	83.2	19.93	98.4

OUTPUT POWER FOR LTE BAND 5

Part 22 / RSS 132 LTE Band 5						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	824 - 849	QPSK	21.8	151.4	14.43	27.7
		16QAM	21.1	128.8	13.95	24.8
3		QPSK	21.8	151.4	14.44	27.8
		16QAM	21.0	125.9	13.74	23.7
5		QPSK	21.8	151.4	14.27	26.7
		16QAM	21.0	125.9	13.47	22.2
10		QPSK	21.8	151.4	14.44	27.8
		16QAM	20.9	123.0	14.04	25.4

OUTPUT POWER FOR LTE BAND 7

Part 27 / RSS199 LTE Band 7						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2500 - 2570	QPSK	24.3	269.2	21.41	138.4
		16QAM	24.3	269.2	20.91	123.3
10		QPSK	24.3	269.2	21.71	148.3
		16QAM	24.3	269.2	21.11	129.1
15		QPSK	24.6	288.4	21.71	148.3
		16QAM	24.2	263.0	20.71	117.8
20		QPSK	23.8	239.9	21.51	141.6
		16QAM	23.5	223.9	21.11	129.1

OUTPUT POWER FOR LTE BAND 12

Part 27 / RSS 130 LTE Band 12						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	699-716	QPSK	22.4	173.8	14.87	30.7
		16QAM	21.6	144.5	14.10	25.7
3		QPSK	22.4	173.8	14.79	30.1
		16QAM	21.8	151.4	14.07	25.5
5		QPSK	22.4	173.8	14.40	27.5
		16QAM	21.7	147.9	13.70	23.4
10		QPSK	22.3	169.8	14.83	30.4
		16QAM	21.5	141.3	14.54	28.4

OUTPUT POWER FOR LTE BAND 13

Part 27 / RSS 130 LTE Band 13						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	777 - 787	QPSK	22.4	173.8	14.67	29.3
		16QAM	21.4	138.0	13.67	23.3
10		QPSK	22.3	169.8	14.45	27.9
		16QAM	21.7	147.9	13.45	22.1

OUTPUT POWER FOR LTE BAND 17

Part 27 / RSS 130 LTE Band 17						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	704-716	QPSK	22.4	173.8	15.35	34.3
		16QAM	21.6	144.5	14.35	27.2
10		QPSK	22.3	169.8	15.22	33.3
		16QAM	21.7	147.9	14.22	26.4

OUTPUT POWER FOR LTE BAND 25

Part 24 / RSS 133 LTE Band 25						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1915	QPSK	18.1	64.6	18.47	70.3
		16QAM	17.3	53.7	17.77	59.8
3		QPSK	18.1	64.6	18.37	68.7
		16QAM	17.4	55.0	17.57	57.1
5		QPSK	18.3	67.6	18.27	67.1
		16QAM	17.6	57.5	17.97	62.7
10		QPSK	18.2	66.1	18.16	65.5
		16QAM	17.5	56.2	17.56	57.0
15		QPSK	18.2	66.1	18.45	70.0
		16QAM	17.5	56.2	17.80	60.3
20		QPSK	18.2	66.1	18.45	70.0
		16QAM	17.3	53.7	17.85	61.0

OUTPUT POWER FOR LTE BAND 26

Part 90 LTE Band 26						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	814-824	QPSK	22.0	158.5	13.87	24.4
		16QAM	21.2	131.8	13.27	21.2
3		QPSK	22.0	158.5	13.77	23.8
		16QAM	21.3	134.9	12.77	18.9
5		QPSK	22.0	158.5	13.70	23.4
		16QAM	21.4	138.0	12.71	18.7
10		QPSK	22.0	158.5	13.89	24.5
		16QAM	21.3	134.9	12.99	19.9

OUTPUT POWER FOR LTE BAND 30

Part 27 / RSS 195 LTE Band 30						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
5	2305-2315	QPSK	20.2	104.7	21.14	130.0
		16QAM	19.4	87.1	20.14	103.3
10		QPSK	20.2	104.7	21.12	129.4
		16QAM	19.4	87.1	20.18	104.2

OUTPUT POWER FOR LTE BAND 41

Part 27 LTE Band 41						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2496-2690	QPSK	26.4	436.5	18.33	68.1
		16QAM	26.4	436.5	17.11	51.4
10		QPSK	26.4	436.5	18.23	66.5
		16QAM	26.4	436.5	17.13	51.6
15		QPSK	26.4	436.5	18.39	69.0
		16QAM	26.4	436.5	17.49	56.1
20		QPSK	26.2	416.9	18.47	70.3
		16QAM	26.0	398.1	17.61	57.7

5.2.3. MODEL: A1687 (LAT)

OUTPUT POWER FOR LTE BAND 2

Part 24 / RSS 133 LTE Band 2						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1910	QPSK	23.5	223.9	24.34	271.6
		16QAM	22.8	190.5	23.20	208.9
3		QPSK	23.5	223.9	24.40	275.4
		16QAM	22.7	186.2	23.39	218.3
5		QPSK	23.5	223.9	24.38	274.2
		16QAM	22.7	186.2	23.38	217.8
10		QPSK	23.5	223.9	24.44	278.0
		16QAM	22.8	190.5	23.45	221.3
15		QPSK	23.4	218.8	24.37	273.5
		16QAM	22.9	195.0	23.37	217.3
20		QPSK	23.5	223.9	24.45	278.6
		16QAM	22.8	190.5	23.45	221.3

OUTPUT POWER FOR LTE BAND 4

Part 27 / RSS 139 LTE Band 4						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP(Average)	
			dBm	mW	dBm	mW
1.4	1710 - 1755	QPSK	23.60	229.1	21.40	138.0
		16QAM	22.80	190.5	20.37	108.9
3		QPSK	23.90	245.5	21.40	138.0
		16QAM	22.90	195.0	20.37	108.9
5		QPSK	23.60	229.1	21.41	138.4
		16QAM	22.90	195.0	20.43	110.4
10		QPSK	23.70	234.4	21.42	138.7
		16QAM	23.00	199.5	20.39	109.4
15		QPSK	23.60	229.1	21.39	137.7
		16QAM	22.90	195.0	20.39	109.4
20		QPSK	23.40	218.8	21.48	140.6
		16QAM	23.00	199.5	20.48	111.7

OUTPUT POWER FOR LTE BAND 5

Part 22 / RSS 132 LTE Band 5						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	824 - 849	QPSK	23.80	239.9	19.05	80.4
		16QAM	22.90	195.0	18.04	63.7
3		QPSK	23.80	239.9	19.00	79.4
		16QAM	23.00	199.5	17.95	62.4
5		QPSK	23.70	234.4	19.01	79.6
		16QAM	23.00	199.5	18.02	63.4
10		QPSK	23.70	234.4	18.96	78.7
		16QAM	22.90	195.0	17.93	62.1

OUTPUT POWER FOR LTE BAND 7

Part 27 / RSS199 LTE Band 7						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2500 - 2570	QPSK	27.20	524.8	29.43	877.0
		16QAM	27.50	562.3	28.59	722.8
10		QPSK	27.00	501.2	30.45	1109.2
		16QAM	26.70	467.7	29.63	918.3
15		QPSK	27.20	524.8	29.96	990.8
		16QAM	26.80	478.6	29.05	803.5
20		QPSK	27.10	512.9	30.06	1013.9
		16QAM	27.10	512.9	29.08	809.1

OUTPUT POWER FOR LTE BAND 12

Part 27 / RSS 130 LTE Band 12						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	699-716	QPSK	23.90	245.5	19.38	86.7
		16QAM	22.30	169.8	18.03	63.5
3		QPSK	23.60	229.1	19.38	86.7
		16QAM	22.70	186.2	18.38	68.9
5		QPSK	23.50	223.9	19.41	87.3
		16QAM	22.70	186.2	18.40	69.2
10		QPSK	23.40	218.8	19.37	86.5
		16QAM	22.60	182.0	18.38	68.9

OUTPUT POWER FOR LTE BAND 13

Part 27 / RSS 130 LTE Band 13						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	777 - 787	QPSK	23.80	239.9	19.20	83.2
		16QAM	22.90	195.0	18.21	66.2
10		QPSK	23.70	234.4	19.18	82.8
		16QAM	23.10	204.2	18.20	66.1

OUTPUT POWER FOR LTE BAND 17

Part 27 / RSS 130 LTE Band 17						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	704-716	QPSK	23.80	239.9	19.38	86.7
		16QAM	23.00	199.5	18.39	69.0
10		QPSK	23.80	239.9	19.29	84.9
		16QAM	22.90	195.0	18.29	67.5

OUTPUT POWER FOR LTE BAND 25

Part 24 / RSS 133 LTE Band 25						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1915	QPSK	23.60	229.1	24.45	278.6
		16QAM	23.10	204.2	23.24	210.9
3		QPSK	23.80	239.9	24.42	276.7
		16QAM	22.80	190.5	23.41	219.3
5		QPSK	23.70	234.4	24.40	275.4
		16QAM	22.70	186.2	23.39	218.3
10		QPSK	23.70	234.4	24.39	274.8
		16QAM	22.90	195.0	23.40	218.8
15		QPSK	23.70	234.4	24.38	274.2
		16QAM	23.00	199.5	23.38	217.8
20		QPSK	23.60	229.1	24.39	274.8
		16QAM	22.70	186.2	23.38	217.8

OUTPUT POWER FOR LTE BAND 26

Part 90 LTE Band 26						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	814-824	QPSK	23.80	239.9	18.99	79.3
		16QAM	22.90	195.0	17.98	62.8
3		QPSK	23.60	229.1	18.97	78.9
		16QAM	22.80	190.5	17.98	62.8
5		QPSK	23.60	229.1	18.98	79.1
		16QAM	22.60	182.0	17.99	63.0
10		QPSK	23.50	223.9	18.94	78.3
		16QAM	22.60	182.0	17.94	62.2

OUTPUT POWER FOR LTE BAND 41

Part 27 LTE Band 41						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2496-2690	QPSK	27.00	501.2	29.19	829.9
		16QAM	27.10	512.9	28.24	666.8
10		QPSK	27.00	501.2	29.82	959.4
		16QAM	27.10	512.9	28.74	748.2
15		QPSK	26.80	478.6	31.46	1399.6
		16QAM	26.40	436.5	30.33	1078.9
20		QPSK	26.50	446.7	32.21	1663.4
		16QAM	26.30	426.6	31.23	1327.4

5.2.4. MODEL: A1687 (UAT)

OUTPUT POWER FOR LTE BAND 2

Part 24 / RSS 133 LTE Band 2						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1910	QPSK	18.0	63.1	18.44	69.8
		16QAM	17.1	51.3	17.73	59.3
3		QPSK	18.0	63.1	18.26	67.0
		16QAM	17.2	52.5	17.66	58.3
5		QPSK	17.9	61.7	18.36	68.5
		16QAM	17.0	50.1	17.56	57.0
10		QPSK	17.9	61.7	18.36	68.5
		16QAM	17.1	51.3	17.76	59.7
15		QPSK	17.9	61.7	18.45	70.0
		16QAM	17.0	50.1	17.89	61.5
20		QPSK	18.0	63.1	18.45	70.0
		16QAM	17.1	51.3	18.14	65.2

OUTPUT POWER FOR LTE BAND 4

Part 27 / RSS 139 LTE Band 4						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP(Average)	
			dBm	mW	dBm	mW
1.4	1710 - 1755	QPSK	19.8	95.5	20.41	109.9
		16QAM	19.1	81.3	19.41	87.3
3		QPSK	19.7	93.3	20.05	101.2
		16QAM	19.0	79.4	19.45	88.1
5		QPSK	19.8	95.5	20.31	107.4
		16QAM	19.1	81.3	19.31	85.3
10		QPSK	19.8	95.5	20.53	113.0
		16QAM	19.1	81.3	19.53	89.7
15		QPSK	19.7	93.3	20.58	114.3
		16QAM	18.8	75.9	19.58	90.8
20		QPSK	19.8	95.5	20.67	116.7
		16QAM	19.0	79.4	19.93	98.4

OUTPUT POWER FOR LTE BAND 5

Part 22 / RSS 132 LTE Band 5						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	824 - 849	QPSK	21.7	147.9	14.35	27.2
		16QAM	20.7	117.5	13.85	24.3
3		QPSK	21.6	144.5	14.35	27.2
		16QAM	20.9	123.0	13.65	23.2
5		QPSK	21.6	144.5	14.17	26.1
		16QAM	20.8	120.2	13.37	21.7
10		QPSK	21.6	144.5	14.35	27.2
		16QAM	20.8	120.2	13.95	24.8

OUTPUT POWER FOR LTE BAND 7

Part 27 / RSS199 LTE Band 7						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2500 - 2570	QPSK	23.9	245.5	21.18	131.2
		16QAM	24.1	257.0	20.68	116.9
10		QPSK	24.1	257.0	21.48	140.6
		16QAM	23.9	245.5	20.88	122.5
15		QPSK	24.2	263.0	21.48	140.6
		16QAM	24.0	251.2	20.48	111.7
20		QPSK	23.6	229.1	21.28	134.3
		16QAM	23.3	213.8	20.88	122.5

OUTPUT POWER FOR LTE BAND 12

Part 27 / RSS 130 LTE Band 12						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	699-716	QPSK	22.2	166.0	14.67	29.3
		16QAM	21.3	134.9	13.87	24.4
3		QPSK	22.1	162.2	14.57	28.6
		16QAM	21.6	144.5	13.87	24.4
5		QPSK	22.2	166.0	14.10	25.7
		16QAM	21.5	141.3	13.40	21.9
10		QPSK	1.0	1.3	14.63	29.0
		16QAM	21.4	138.0	14.34	27.2

OUTPUT POWER FOR LTE BAND 13

Part 27 / RSS 130 LTE Band 13						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	777 - 787	QPSK	22.1	162.2	14.53	28.4
		16QAM	21.2	131.8	13.57	22.8
10		QPSK	22.2	166.0	14.32	27.0
		16QAM	21.3	134.9	13.35	21.6

OUTPUT POWER FOR LTE BAND 17

Part 27 / RSS 130 LTE Band 17						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
5	704-716	QPSK	22.2	166.0	15.26	33.6
		16QAM	21.4	138.0	14.35	27.2
10		QPSK	22.2	166.0	15.07	32.1
		16QAM	21.5	141.3	14.12	25.8

OUTPUT POWER FOR LTE BAND 25

Part 24 / RSS 133 LTE Band 25						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		EIRP (Average)	
			dBm	mW	dBm	mW
1.4	1850 - 1915	QPSK	18.0	63.1	18.30	67.6
		16QAM	17.1	51.3	17.60	57.5
3		QPSK	18.0	63.1	18.20	66.1
		16QAM	17.3	53.7	17.40	55.0
5		QPSK	18.2	66.1	18.10	64.6
		16QAM	17.3	53.7	17.87	61.2
10		QPSK	18.1	64.6	17.96	62.5
		16QAM	17.2	52.5	17.36	54.5
15		QPSK	18.1	64.6	18.45	70.0
		16QAM	17.3	53.7	17.70	58.9
20		QPSK	18.0	63.1	18.39	69.0
		16QAM	17.1	51.3	17.76	59.7

OUTPUT POWER FOR LTE BAND 26

Part 90 LTE Band 26						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Average)		ERP (Average)	
			dBm	mW	dBm	mW
1.4	814-824	QPSK	21.9	154.9	13.77	23.8
		16QAM	21.1	128.8	13.01	20.0
3		QPSK	21.9	154.9	13.66	23.2
		16QAM	21.1	128.8	12.67	18.5
5		QPSK	21.8	151.4	13.59	22.9
		16QAM	21.1	128.8	12.67	18.5
10		QPSK	21.8	151.4	13.73	23.6
		16QAM	21.1	128.8	12.79	19.0

OUTPUT POWER FOR LTE BAND 41

Part 27 LTE Band 41						
Bandwidth (MHz)	Frequency Range	Modulation	Conducted (Peak)		EIRP (Peak)	
			dBm	mW	dBm	mW
5	2496-2690	QPSK	26.20	416.9	18.20	66.1
		16QAM	26.20	416.9	17.10	51.3
10		QPSK	26.10	407.4	18.11	64.7
		16QAM	26.20	416.9	17.11	51.4
15		QPSK	26.30	426.6	18.34	68.2
		16QAM	26.40	436.5	17.48	56.0
20		QPSK	26.00	398.1	18.39	69.0
		16QAM	26.10	407.4	17.54	56.8

5.3.SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 13A283 Baseband 0.31.02.

The EUT is linked with Agilent 8960, and CMW500 Communication Test Sets.

5.4.MAXIMUM ANTENNA GAIN

Please see table below:

LTE BANDS	LAT Antenna Gain (dBi)	UAT Antenna Gain (dBi)
LTE Band 2, 1850 – 1910 MHz	0.70	0.17
LTE Band 4, 1710 – 1755 MHz	-2.12	1.06
LTE Band 5, 824 – 849 MHz	-2.57	-5.41
LTE Band 7, 2500 – 2570 MHz	1.98	-3.03
LTE Band 12, 699 – 716 MHz	-2.22	-5.11
LTE Band 13, 777 – 787 MHz	-2.39	-5.50
LTE Band 17, 704 – 716 MHz	-2.22	-5.11
LTE Band 25, 1850 – 1915 MHz	0.7	0.17
LTE Band 26, 814 – 824 MHz	-3.72	-5.97
LTE Band 30, 2305-2315	-1.72	0.96
LTE Band 41, 2496 – 2690 MHz	2.06	-3.03

5.5.WORST-CASE CONFIGURATION AND MODE

The worst-case scenario for all measurements is based on the investigation results.

The device has LTE Bands of:

Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 17, Band 25, Band 26, Band 27, Band 30 and Band 41.

Band 27 is covered by Band 26 due to same target output power.

The RB Size was selected to measure for peak or average ERP and EIRP, which was based on the conducted power verification baseline data.

The fundamental of the EUT was investigated in three orthogonal orientations X/Y/Z, it was determined that Portrait orientation was worst-case orientation for cell bands without AC/DC adapter and headset; Flatbed orientation was worst-case orientation for pcs bands without AC/DC adapter and headset; Flatbed orientation was worst orientation for Band 30, Band 41 and Band 7 without AC/DC adapter and headset.

For simultaneous transmission of multiple channels from the same antenna in BT/BLE 2.4 GHz, 5GHz and Cellular bands; or WLAN 2.4GHz and Cellular bands, tests were conducted for various configurations having the highest power, least separation in frequencies and widest operation bandwidths. No noticeable new emission was found.

Based on the manufacturer's statement Model A1687, A1690 and A1699 are exactly same, except for marketing reasons.

Delta Items	A1634	A1687	A1690	A1699
Band 30	Yes	No	No	No

5.6.DESCRPTION OF TEST SETUP

TESTS SUPPORT EQUIPMENT

Support Equipment List			
Description	Manufacturer	Model	Serial Number
Laptop AC Adapter	Dell	Latitude D630	N/A
Laptop	Dell	PA-1900-02D	N/A
DC power supply	Sorensen	XT-20-3	N/A

I/O CABLES (RF CONDUCTED TEST)

I/O Cable List						
Cable No	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	1	US 115V	Un-shielded	2m	N/A
2	DC	1	DC	Un-shielded	1.4m	N/A
3	RF In/Out	1	EUT	Un-shielded	0.4m	N/A
4	RF In/Out	1	Barrel	N/A	N/A	N/A
5	RF In/Out	1	Communication Test Set	Un-shielded	1m	N/A

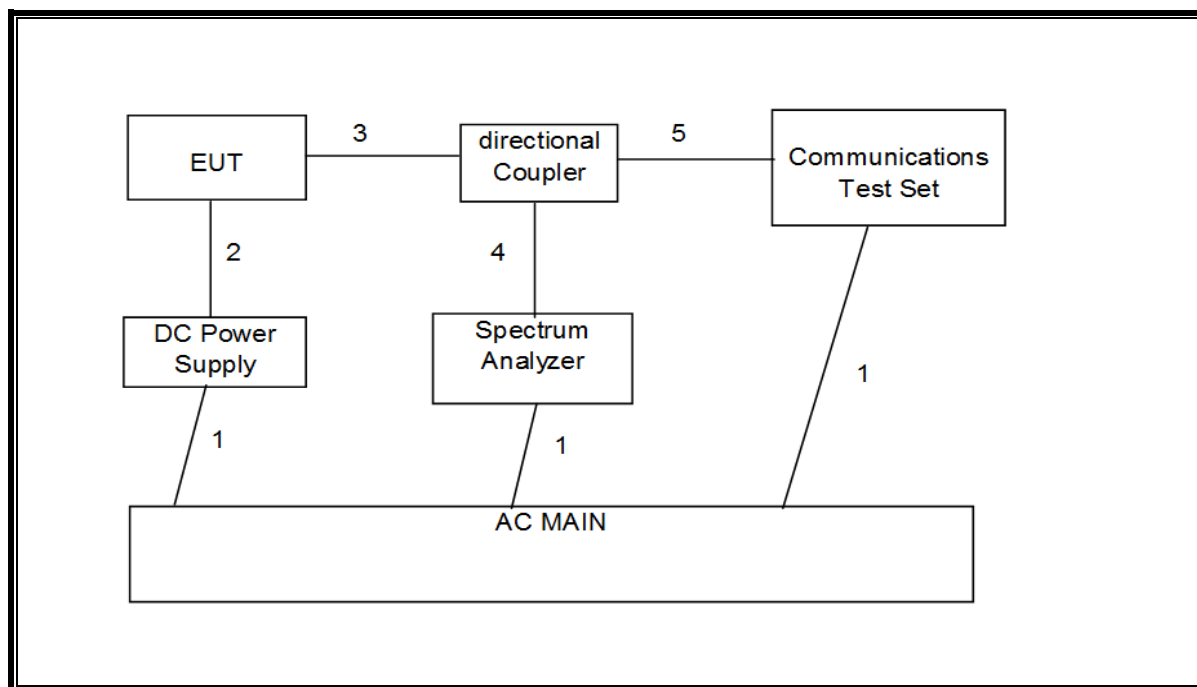
I/O CABLES (RF RADIATED TEST)

I/O Cable List						
Cable No	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	RF In/Out	1	Antenna	Un-shielded	5m	NA

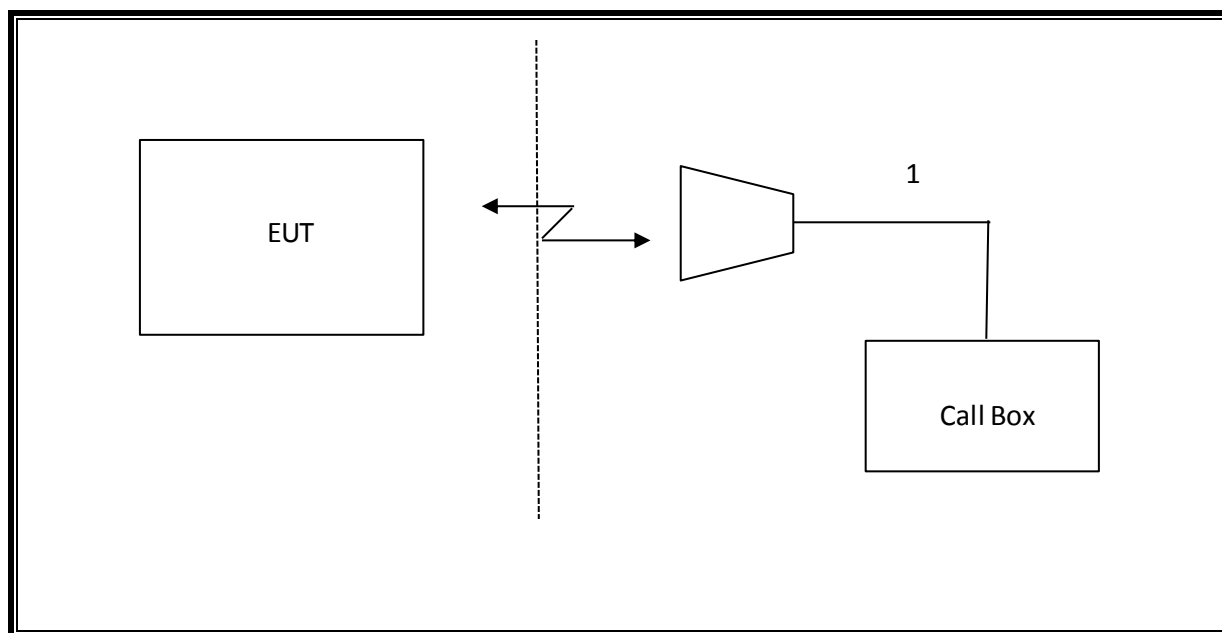
TEST SETUP

SETUP DIAGRAM FOR TESTS

CONDUCTED SETUP



RADIATED SETUP



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Directional Coupler	Krytar	Directional Coupler	T923	03/06/16
8960 series 10 wireless	Agilent	E5515C	T211	07/28/15
Spectrum Analyzer, PSA, 3Hz-26.5GHz	Agilent	E4446A	T177	03/13/16
Spectrum Analyzer, PSA, 3Hz-44GHz	Agilent	E4440A	T189	04/22/16
Wideband Radio Communication Tester	R & S	CMW500	T978	07/31/15
Wideband Radio Communication Tester	R & S	CMW500	T948	03/18/16
Temperature / Humidity Chamber	CSZ	ZPHS-8-3.5-SCT/WC	T754	09/30/15
Wideband Radio Communication Tester	R & S	CMW500	T958	05/20/16
Spectrum Analyzer, PXA, 44GHz	Agilent	N9030A	T917	03/20/16
Power Meter	Agilent	N1911A	T382	01/31/16
Power Sensor	Agilent	E9323A	T750	10/06/15
Antenna, Horn 1-18GHz	ETS Lindgren	3117	T120	02/13/16
Amplifier, 1 to 18GHz	Miteq	AFS42-00101800-	T742	01/31/16
Amplifier 10KHz-1GHz	Sonoma	310N	T835	06/08/15
Antenna, Biconolog, 30MHz-1 GHz	Sunol Sciences	JB1	T122	02/20/16
Highpass Filter, 3.0 GHz	Micro-Tronics	HPM17543	T427	01/31/16
Highpass Filter, 1.0 GHz	Micro-Tronics	HPM18129	T889	01/15/16
Spectrum Analyzer, PXA, 44GHz	Agilent	N9030A	T341	11/12/15
Wideband Radio Communication Tester	R & S	CMW500	T955	04/28/16
Antenna, Horn, 18 GHz	EMCO	3115	T59	11/04/15
Antenna, Horn 1-18GHz	ETS Lindgren	3117	T863	04/10/16
Antenna, Biconolog, 30MHz-2000MHz	Sunol Sciences	JB3	T900	04/10/16
Highpass Filter, 3.0 GHz	Micro-Tronics	HPM17543	T897	06/16/16
Amplifier, 1 to 18GHz	Miteq	AFS42-00101800- 25-S-42	T491	04/25/16
Amplifier 10KHz-1GHz	Sonoma	310N	T834	06/08/16
Spectrum Analyzer, PXA, 44GHz	Agilent	N9030A	T906	06/11/16

7. RF POWER OUTPUT VERIFICATION

LTE MEASUREMENT PROCEDURE:

All LTE bands conducted power peak and average are obtained from the CMW500 telecommunication test set.

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth (RB)						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".3

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	NA
NS_03	6.6.2.2.1	2, 4, 10, 23, 25, 35, 36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.2	41	5	>6	≤ 1
			10, 15, 20	See Table 6.2.4-4	
NS_05	6.6.3.3.1	1	10,15,20	≥ 50	≤ 1
NS_06	6.6.2.2.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.6-1	n/a
NS_07	6.6.2.2.3	13	10	Table 6.2.4-2	Table 6.2.4-2
	6.6.3.3.2				
NS_08	6.6.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4-3	Table 6.2.4-3
NS_11	6.6.2.2.1	23 ¹	1.4, 3, 5, 10	Table 6.2.4-5	Table 6.2.4-5
..					
NS_32	-	-	-	-	-

Note 1: Applies to the lower block of Band 23, i.e. a carrier placed in the 2000-2010 MHz region.

7.1.MODEL: A1634 (LAT)

7.1.1. LTE BAND 2

OUTPUT POWER FOR LTE BAND 2 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	18607	1850.7	QPSK	1	0	23.5	27.2
				1	2	23.5	27.1
				1	5	23.5	27.7
				3	0	23.6	28.4
				3	1	23.7	28.8
				3	2	23.6	28.8
				6	0	22.5	27.7
			16QAM	1	0	22.7	28.7
				1	2	22.8	28.6
				1	5	22.8	28.8
				3	0	22.8	29.0
				3	1	22.8	29.0
				3	2	22.9	29.0
				6	0	21.6	28.3
1.4	18900	1880.0	QPSK	1	0	23.6	27.2
				1	2	23.7	27.1
				1	5	23.6	27.2
				3	0	23.5	27.5
				3	1	23.5	27.4
				3	2	23.6	27.4
				6	0	22.6	27.5
			16QAM	1	0	22.8	27.2
				1	2	23.1	28.0
				1	5	23.1	28.7
				3	0	22.9	29.1
				3	1	23.0	29.0
				3	2	23.0	29.0
				6	0	21.7	27.7
1.4	19193	1909.3	QPSK	1	0	23.6	27.8
				1	2	23.6	27.8
				1	5	23.6	27.8
				3	0	23.7	28.0
				3	1	23.7	27.9
				3	2	23.7	27.9
				6	0	22.6	28.0
			16QAM	1	0	22.8	27.9
				1	2	22.8	27.8
				1	5	22.8	27.9
				3	0	22.6	28.0
				3	1	22.6	28.0
				3	2	22.6	28.0
				6	0	21.8	28.2

OUTPUT POWER FOR LTE BAND 2 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	18615	1851.5	QPSK	1	0	23.6	28.0
				1	7	23.6	27.7
				1	14	23.5	27.7
				8	0	22.6	27.8
				8	4	22.7	27.8
				8	7	22.6	27.5
				15	0	22.6	27.7
			16QAM	1	0	22.9	28.5
				1	7	22.9	28.0
				1	14	22.8	27.8
				8	0	21.8	27.7
				8	4	21.8	27.5
				8	7	21.8	27.4
				15	0	21.7	28.1
3.0	18900	1880.0	QPSK	1	0	23.6	27.2
				1	7	23.6	27.1
				1	14	23.5	27.2
				8	0	22.6	27.3
				8	4	22.6	27.3
				8	7	22.6	27.4
				15	0	22.6	27.7
			16QAM	1	0	22.9	27.5
				1	7	22.9	27.1
				1	14	22.8	27.3
				8	0	21.7	27.2
				8	4	21.7	27.3
				8	7	21.7	27.3
				15	0	21.6	27.6
3.0	19185	1908.5	QPSK	1	0	23.6	27.8
				1	7	23.6	27.3
				1	14	23.6	27.7
				8	0	22.6	27.3
				8	4	22.6	27.3
				8	7	22.5	27.3
				15	0	22.6	28.0
			16QAM	1	0	22.8	27.8
				1	7	22.7	27.3
				1	14	22.6	27.2
				8	0	21.8	27.5
				8	4	21.6	27.0
				8	7	21.7	27.2
				15	0	21.6	27.4

OUTPUT POWER FOR LTE BAND 2 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak(dBm)
				Size	Offset		
5.0	18625	1852.5	QPSK	1	0	23.6	27.1
				1	12	23.6	27.1
				1	24	23.5	27.1
				12	0	22.6	27.3
				12	6	22.6	27.3
				12	11	22.6	27.3
				25	0	22.6	27.8
			16QAM	1	0	22.7	27.1
				1	12	22.7	27.1
				1	24	22.6	27.1
				12	0	21.7	27.3
				12	6	21.7	27.4
				12	11	21.7	27.4
				25	0	21.6	27.6
5.0	18900	1880.0	QPSK	1	0	23.7	27.3
				1	12	23.6	27.2
				1	24	23.6	27.4
				12	0	22.7	27.4
				12	6	22.6	27.4
				12	11	22.6	27.5
				25	0	22.6	28.2
			16QAM	1	0	22.8	27.3
				1	12	22.7	27.3
				1	24	22.7	27.5
				12	0	21.8	27.4
				12	6	21.7	27.4
				12	11	21.7	27.4
				25	0	21.6	27.5
5.0	19175	1907.5	QPSK	1	0	23.6	27.7
				1	12	23.7	27.6
				1	24	23.5	27.4
				12	0	22.6	27.5
				12	6	22.6	27.0
				12	11	22.6	27.0
				25	0	22.6	28.1
			16QAM	1	0	23.2	27.7
				1	12	23.2	29.1
				1	24	22.9	27.2
				12	0	21.5	27.6
				12	6	21.5	27.0
				12	11	21.5	27.0
				25	0	21.6	27.4

OUTPUT POWER FOR LTE BAND 2 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	18650	1855.0	QPSK	1	0	23.7	28.2
				1	24	23.6	27.1
				1	49	23.6	27.5
				25	0	22.7	27.2
				25	12	22.7	27.4
				25	24	22.6	27.4
				50	0	22.7	27.8
			16QAM	1	0	23.1	28.6
				1	24	23.0	28.1
				1	49	22.8	27.6
				25	0	21.7	27.3
				25	12	21.7	27.4
				25	24	21.7	27.5
				50	0	21.6	27.8
10.0	18900	1880.0	QPSK	1	0	23.7	27.3
				1	24	23.6	27.2
				1	49	23.6	27.6
				25	0	22.7	27.4
				25	12	22.7	27.4
				25	24	22.6	27.5
				50	0	22.7	27.8
			16QAM	1	0	23.0	27.4
				1	24	22.9	27.3
				1	49	22.8	27.7
				25	0	21.7	27.4
				25	12	21.7	27.4
				25	24	21.6	27.5
				50	0	21.6	27.7
10.0	19150	1905.0	QPSK	1	0	23.7	27.5
				1	24	23.6	27.6
				1	49	23.5	27.4
				25	0	22.6	27.6
				25	12	22.7	27.6
				25	24	22.6	27.7
				50	0	22.7	28.1
			16QAM	1	0	23.0	27.6
				1	24	22.7	27.7
				1	49	22.9	27.9
				25	0	21.7	27.6
				25	12	21.7	27.6
				25	24	21.6	27.1
				50	0	21.6	28.0

OUTPUT POWER FOR LTE BAND 2 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	18675	1857.5	QPSK	1	0	23.5	27.4
				1	37	23.7	27.4
				1	74	23.6	28.0
				36	0	22.8	27.9
				36	16	22.7	27.3
				36	35	22.7	27.6
				75	0	22.7	28.3
			16-QAM	1	0	23.0	28.5
				1	37	23.0	27.9
				1	74	23.0	28.0
				36	0	21.6	27.3
				36	16	21.8	27.3
				36	35	21.7	27.6
				75	0	21.7	28.1
15.0	18900	1880.0	QPSK	1	0	23.5	27.4
				1	37	23.6	27.2
				1	74	23.6	27.4
				36	0	22.7	27.4
				36	16	22.6	27.3
				36	35	22.7	27.5
				75	0	22.6	28.1
			16-QAM	1	0	22.7	27.5
				1	37	23.1	28.2
				1	74	22.8	27.2
				36	0	21.6	27.3
				36	16	21.6	27.3
				36	35	21.7	27.5
				75	0	21.6	27.9
15.0	19125	1902.5	QPSK	1	0	23.5	27.1
				1	37	23.3	27.3
				1	74	23.5	27.5
				36	0	22.6	27.8
				36	16	22.6	27.5
				36	35	22.6	27.6
				75	0	22.6	28.3
			16-QAM	1	0	22.6	27.7
				1	37	22.7	27.4
				1	74	22.4	27.3
				36	0	21.7	27.6
				36	16	21.6	27.5
				36	35	21.6	27.6
				75	0	21.5	28.0

OUTPUT POWER FOR LTE BAND 2 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	18700	1860.0	QPSK	1	0	23.6	27.4
				1	49	23.6	27.7
				1	99	23.7	28.1
				50	0	22.7	27.5
				50	24	22.7	27.7
				50	49	22.7	27.9
				100	0	22.7	27.9
			16-QAM	1	0	22.6	27.2
				1	49	22.7	27.7
				1	99	22.7	28.1
				50	0	21.7	27.4
				50	24	21.7	27.7
				50	49	21.7	27.8
				100	0	21.6	27.9
20.0	18900	1880.0	QPSK	1	0	23.6	27.8
				1	49	23.6	27.2
				1	99	23.7	27.3
				50	0	22.6	27.5
				50	24	22.7	27.5
				50	49	22.6	27.7
				100	0	22.6	28.3
			16-QAM	1	0	22.9	28.0
				1	49	23.1	27.4
				1	99	23.1	27.4
				50	0	21.6	27.5
				50	24	21.6	27.5
				50	49	21.6	27.7
				100	0	21.6	28.0
20.0	19100	1900.0	QPSK	1	0	23.5	27.4
				1	49	23.6	27.5
				1	99	23.3	26.9
				50	0	22.6	27.4
				50	24	22.7	27.7
				50	49	22.6	27.7
				100	0	22.6	28.5
			16-QAM	1	0	23.1	27.4
				1	49	23.1	27.6
				1	99	23.1	27.3
				50	0	21.6	27.2
				50	24	21.6	27.6
				50	49	21.5	27.6
				100	0	21.6	27.9

7.1.2. LTE BAND 4

OUTPUT POWER FOR LTE BAND 4 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	19957	1710.7	QPSK	1	0	23.8	27.6
				1	2	23.8	27.5
				1	5	23.8	27.6
				3	0	23.6	27.8
				3	1	23.7	27.7
				3	2	23.7	27.7
				6	0	23.1	28.0
			16QAM	1	0	22.7	27.6
				1	2	22.7	27.6
				1	5	22.7	27.6
				3	0	22.8	27.8
				3	1	22.9	27.7
				3	2	22.9	27.7
				6	0	21.9	27.9
1.4	20175	1732.5	QPSK	1	0	23.6	27.9
				1	2	23.6	27.8
				1	5	23.5	27.8
				3	0	23.6	28.0
				3	1	23.6	27.9
				3	2	23.6	27.9
				6	0	22.7	28.0
			16QAM	1	0	22.8	27.9
				1	2	23.1	27.9
				1	5	23.1	27.9
				3	0	22.9	28.0
				3	1	22.9	28.0
				3	2	22.9	28.0
				6	0	21.8	27.8
1.4	20393	1754.3	QPSK	1	0	23.5	28.0
				1	2	23.5	27.9
				1	5	23.5	28.0
				3	0	23.5	28.1
				3	1	23.5	28.1
				3	2	23.5	28.1
				6	0	22.6	28.0
			16QAM	1	0	22.8	28.1
				1	2	22.8	28.0
				1	5	22.8	28.2
				3	0	22.5	28.2
				3	1	22.6	28.2
				3	2	22.6	28.2
				6	0	21.7	28.1

OUTPUT POWER FOR LTE BAND 4 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	19965	1711.5	QPSK	1	0	23.7	27.5
				1	7	23.7	27.5
				1	14	23.7	27.6
				8	0	22.6	27.4
				8	4	22.7	27.4
				8	7	22.6	27.4
				15	0	22.6	27.6
			16QAM	1	0	22.8	27.5
				1	7	23.2	27.5
				1	14	22.8	27.6
				8	0	21.8	27.2
				8	4	21.8	27.1
				8	7	21.8	27.2
				15	0	21.7	27.8
3.0	20175	1732.5	QPSK	1	0	23.8	27.8
				1	7	23.9	27.7
				1	14	23.7	27.7
				8	0	22.7	27.5
				8	4	22.7	27.4
				8	7	22.6	27.4
				15	0	22.6	28.0
			16QAM	1	0	23.0	27.8
				1	7	23.1	27.7
				1	14	22.9	27.7
				8	0	21.8	27.3
				8	4	21.8	27.3
				8	7	21.8	27.3
				15	0	21.7	27.9
3.0	20385	1753.5	QPSK	1	0	23.8	27.9
				1	7	24.0	27.9
				1	14	23.8	28.0
				8	0	22.6	27.5
				8	4	22.7	27.4
				8	7	22.6	27.5
				15	0	22.6	27.8
			16QAM	1	0	22.9	27.9
				1	7	23.1	28.0
				1	14	22.8	28.0
				8	0	21.7	27.4
				8	4	21.7	27.4
				8	7	21.7	27.4
				15	0	21.7	27.9

OUTPUT POWER FOR LTE BAND 4 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	19975	1712.5	QPSK	1	0	23.7	27.7
				1	12	23.8	27.7
				1	24	23.7	27.9
				12	0	22.6	27.5
				12	6	22.7	27.5
				12	11	22.6	27.5
				25	0	22.6	28.3
			16QAM	1	0	23.0	27.6
				1	12	23.0	27.7
				1	24	23.0	27.9
				12	0	21.7	27.3
				12	6	21.7	27.3
				12	11	21.7	27.3
				25	0	21.6	28.0
5.0	20175	1732.5	QPSK	1	0	23.9	28.0
				1	12	23.8	27.8
				1	24	23.8	27.8
				12	0	22.6	27.7
				12	6	22.7	27.6
				12	11	22.7	27.6
				25	0	22.6	27.8
			16QAM	1	0	22.9	28.0
				1	12	22.8	27.9
				1	24	22.8	27.9
				12	0	21.7	27.4
				12	6	21.8	27.4
				12	11	21.8	27.5
				25	0	21.6	27.5
5.0	20375	1752.5	QPSK	1	0	23.8	27.9
				1	12	23.7	28.0
				1	24	23.8	28.1
				12	0	22.6	27.4
				12	6	22.6	27.4
				12	11	22.6	27.4
				25	0	22.6	27.8
			16QAM	1	0	23.2	28.0
				1	12	23.2	28.1
				1	24	23.2	28.2
				12	0	21.5	27.4
				12	6	21.6	27.3
				12	11	21.5	27.4
				25	0	21.7	27.9

OUTPUT POWER FOR LTE BAND 4 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20000	1715.0	QPSK	1	0	23.9	27.6
				1	24	23.7	27.9
				1	49	23.6	27.9
				25	0	22.6	27.5
				25	12	22.7	27.5
				25	24	22.6	27.5
				50	0	22.6	27.8
			16QAM	1	0	23.2	27.6
				1	24	22.9	27.9
				1	49	22.8	28.0
				25	0	21.7	27.4
				25	12	21.7	27.4
				25	24	21.7	27.5
				50	0	21.6	27.9
10.0	20175	1732.5	QPSK	1	0	23.9	27.9
				1	24	23.9	27.8
				1	49	23.7	27.7
				25	0	22.7	27.7
				25	12	22.6	27.5
				25	24	22.7	27.6
				50	0	22.7	28.1
			16QAM	1	0	23.2	28.0
				1	24	23.0	27.9
				1	49	22.9	27.7
				25	0	21.8	27.5
				25	12	21.7	27.4
				25	24	21.7	27.4
				50	0	21.6	27.9
10.0	20350	1750.0	QPSK	1	0	23.9	27.6
				1	24	23.8	27.9
				1	49	23.6	28.0
				25	0	22.6	27.6
				25	12	22.7	27.4
				25	24	22.6	27.6
				50	0	22.6	28.3
			16QAM	1	0	23.0	27.7
				1	24	22.9	27.9
				1	49	22.9	28.0
				25	0	21.7	27.6
				25	12	21.8	27.4
				25	24	21.7	27.4
				50	0	21.6	27.9

OUTPUT POWER FOR LTE BAND 4 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20025	1717.5	QPSK	1	0	23.6	27.7
				1	37	23.6	27.9
				1	74	23.6	28.0
				36	0	22.7	27.7
				36	16	22.7	27.5
				36	35	22.6	27.5
				75	0	22.7	28.3
			16-QAM	1	0	23.1	27.7
				1	37	22.6	27.7
				1	74	22.9	27.9
				36	0	21.7	27.5
				36	16	21.8	27.5
				36	35	21.7	27.4
				75	0	21.7	28.0
15.0	20175	1732.5	QPSK	1	0	23.7	28.0
				1	37	23.6	27.8
				1	74	23.6	27.6
				36	0	22.8	27.7
				36	16	22.7	27.6
				36	35	22.7	27.6
				75	0	22.6	28.2
			16-QAM	1	0	22.8	27.9
				1	37	23.1	27.8
				1	74	22.8	27.7
				36	0	21.8	27.5
				36	16	21.7	27.3
				36	35	21.7	27.5
				75	0	21.7	27.9
15.0	20325	1747.5	QPSK	1	0	23.7	27.6
				1	37	23.7	27.7
				1	74	23.5	27.7
				36	0	22.7	27.6
				36	16	22.6	27.4
				36	35	22.6	27.5
				75	0	22.6	28.1
			16-QAM	1	0	22.6	27.7
				1	37	22.6	27.8
				1	74	22.6	27.9
				36	0	21.8	27.6
				36	16	21.7	27.4
				36	35	21.7	27.4
				75	0	21.6	27.8

OUTPUT POWER FOR LTE BAND 4 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20050	1720.0	QPSK	1	0	23.6	27.8
				1	49	23.6	27.9
				1	99	23.6	27.9
				50	0	22.7	27.5
				50	24	22.7	27.4
				50	49	22.6	27.5
				100	0	22.6	27.6
			16-QAM	1	0	22.6	27.7
				1	49	22.7	27.9
				1	99	22.7	27.9
				50	0	21.7	27.4
				50	24	21.7	27.3
				50	49	21.7	27.4
				100	0	21.7	27.6
20.0	20175	1732.5	QPSK	1	0	23.6	27.9
				1	49	23.7	27.8
				1	99	23.6	27.6
				50	0	22.7	27.6
				50	24	22.7	27.4
				50	49	22.7	27.6
				100	0	22.6	27.9
			16-QAM	1	0	23.2	28.0
				1	49	23.2	27.8
				1	99	23.1	27.6
				50	0	21.7	27.5
				50	24	21.7	27.4
				50	49	21.6	27.5
				100	0	21.6	27.5
20.0	20300	1745.0	QPSK	1	0	23.6	27.7
				1	49	23.5	27.6
				1	99	23.5	27.9
				50	0	22.7	27.6
				50	24	22.7	27.5
				50	49	22.6	27.6
				100	0	22.7	28.0
			16-QAM	1	0	23.1	27.8
				1	49	23.0	27.6
				1	99	23.0	28.0
				50	0	21.7	27.5
				50	24	21.6	27.3
				50	49	21.6	27.4
				100	0	21.7	27.8

7.1.3. LTE BAND 5

OUTPUT POWER FOR LTE BAND 5 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	20407	824.7	QPSK	1	0	24.0	28.5
				1	2	24.0	28.7
				1	5	23.9	28.5
				3	0	23.8	28.2
				3	1	23.8	27.7
				3	2	23.7	27.9
				6	0	22.7	27.9
			16QAM	1	0	22.9	28.2
				1	2	22.9	28.0
				1	5	22.9	28.7
				3	0	22.7	27.8
				3	1	22.8	27.8
				3	2	22.8	28.3
				6	0	21.8	27.9
1.4	20525	836.5	QPSK	1	0	23.7	27.9
				1	2	23.7	27.8
				1	5	23.6	27.8
				3	0	23.6	28.1
				3	1	23.6	28.0
				3	2	23.7	28.0
				6	0	22.6	27.8
			16QAM	1	0	22.8	28.0
				1	2	22.9	27.9
				1	5	22.9	27.8
				3	0	22.6	28.1
				3	1	22.7	28.0
				3	2	22.6	28.0
				6	0	21.7	28.0
1.4	20643	848.3	QPSK	1	0	23.9	28.6
				1	2	23.9	28.5
				1	5	24.0	28.3
				3	0	23.7	28.6
				3	1	23.8	28.6
				3	2	23.8	28.6
				6	0	22.6	28.4
			16QAM	1	0	22.9	28.6
				1	2	23.2	28.5
				1	5	22.9	28.4
				3	0	22.5	28.7
				3	1	22.6	28.7
				3	2	22.6	28.7
				6	0	21.7	28.5

OUTPUT POWER FOR LTE BAND 5 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	20415	825.5	QPSK	1	0	23.8	28.0
				1	7	23.9	27.7
				1	14	24.0	28.4
				8	0	22.7	27.5
				8	4	22.7	27.5
				8	7	22.7	27.5
				15	0	22.6	28.1
			16QAM	1	0	22.9	27.6
				1	7	23.2	28.2
				1	14	23.0	27.5
				8	0	21.7	27.5
				8	4	21.8	27.6
				8	7	21.7	27.6
				15	0	21.7	27.7
3.0	20525	836.5	QPSK	1	0	23.7	27.9
				1	7	23.8	27.6
				1	14	23.8	27.6
				8	0	22.5	27.7
				8	4	22.6	27.7
				8	7	22.6	27.7
				15	0	22.6	27.8
			16QAM	1	0	22.7	27.9
				1	7	23.1	27.7
				1	14	22.9	27.7
				8	0	21.7	27.6
				8	4	21.7	27.6
				8	7	21.8	27.7
				15	0	21.6	27.9
3.0	20635	847.5	QPSK	1	0	23.6	28.5
				1	7	23.9	28.5
				1	14	23.7	28.2
				8	0	22.6	27.7
				8	4	22.6	27.9
				8	7	22.6	27.8
				15	0	22.6	28.3
			16QAM	1	0	22.9	28.4
				1	7	23.3	28.5
				1	14	23.0	28.3
				8	0	21.7	27.7
				8	4	21.7	27.8
				8	7	21.7	27.8
				15	0	21.6	28.1

OUTPUT POWER FOR LTE BAND 5 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20425	826.5	QPSK	1	0	23.9	27.7
				1	12	24.0	27.9
				1	24	24.0	27.7
				12	0	22.8	27.6
				12	6	22.8	27.6
				12	11	22.7	27.7
				25	0	22.7	28.0
			16QAM	1	0	23.0	27.7
				1	12	23.2	28.3
				1	24	23.1	27.7
				12	0	21.7	27.6
				12	6	21.8	27.7
				12	11	21.7	27.7
				25	0	21.7	27.8
5.0	20525	836.5	QPSK	1	0	23.8	28.0
				1	12	24.0	27.8
				1	24	23.9	27.5
				12	0	22.6	27.9
				12	6	22.7	27.9
				12	11	22.7	27.9
				25	0	22.7	28.0
			16QAM	1	0	22.9	28.0
				1	12	22.9	27.8
				1	24	22.9	27.6
				12	0	21.7	27.7
				12	6	21.8	27.7
				12	11	21.8	27.8
				25	0	21.6	28.0
5.0	20625	846.5	QPSK	1	0	23.8	28.8
				1	12	23.7	28.6
				1	24	23.8	28.4
				12	0	22.6	27.7
				12	6	22.7	27.9
				12	11	22.7	27.9
				25	0	22.6	27.9
			16QAM	1	0	23.1	28.6
				1	12	23.0	28.8
				1	24	23.2	28.4
				12	0	21.5	27.8
				12	6	21.6	27.8
				12	11	21.6	27.9
				25	0	21.6	28.1

OUTPUT POWER FOR LTE BAND 5 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20450	829.0	QPSK	1	0	23.8	27.5
				1	24	23.8	27.7
				1	49	23.6	27.8
				25	0	22.7	27.7
				25	12	22.8	27.7
				25	24	22.7	27.8
				50	0	22.7	28.3
			16QAM	1	0	23.0	27.8
				1	24	23.1	27.7
				1	49	23.0	27.9
				25	0	21.7	27.6
				25	12	21.7	27.7
				25	24	21.7	27.8
				50	0	21.6	27.8
10.0	20525	836.5	QPSK	1	0	23.7	27.8
				1	24	24.0	27.8
				1	49	23.7	28.6
				25	0	22.6	27.8
				25	12	22.7	27.8
				25	24	22.7	27.6
				50	0	22.7	27.9
			16QAM	1	0	23.0	27.8
				1	24	23.2	27.9
				1	49	22.9	28.6
				25	0	21.6	27.6
				25	12	21.7	27.7
				25	24	21.7	27.7
				50	0	21.6	27.8
10.0	20600	844.0	QPSK	1	0	23.6	27.4
				1	24	23.8	28.8
				1	49	23.6	28.3
				25	0	22.6	28.0
				25	12	22.7	27.9
				25	24	22.6	28.1
				50	0	22.6	28.6
			16QAM	1	0	22.8	27.4
				1	24	23.2	29.0
				1	49	23.0	28.4
				25	0	21.6	27.3
				25	12	21.7	27.6
				25	24	21.7	28.0
				50	0	21.6	28.6

7.1.4. LTE BAND 7

OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20775	2502.5	QPSK	1	0	22.4	26.2
				1	12	22.4	26.0
				1	24	22.5	26.4
				12	0	21.6	26.2
				12	6	21.5	25.8
				12	11	21.5	25.8
				25	0	21.5	26.6
			16QAM	1	0	21.6	26.6
				1	12	21.8	26.8
				1	24	21.6	26.6
				12	0	20.6	25.7
				12	6	20.6	25.6
				12	11	20.6	25.7
				25	0	20.5	25.9
5.0	21100	2535.0	QPSK	1	0	22.4	27.1
				1	12	22.5	26.9
				1	24	22.4	27.1
				12	0	21.4	26.4
				12	6	21.5	26.3
				12	11	21.4	26.3
				25	0	21.4	27.4
			16QAM	1	0	21.8	27.2
				1	12	21.8	27.8
				1	24	21.8	27.2
				12	0	20.3	26.3
				12	6	20.4	26.4
				12	11	20.3	26.3
				25	0	20.4	26.8
5.0	21425	2567.5	QPSK	1	0	22.4	26.1
				1	12	22.5	25.9
				1	24	22.4	26.0
				12	0	21.5	26.1
				12	6	21.5	25.9
				12	11	21.5	26.0
				25	0	21.5	26.8
			16QAM	1	0	21.8	26.1
				1	12	21.8	25.9
				1	24	21.8	26.0
				12	0	20.6	26.0
				12	6	20.6	25.9
				12	11	20.6	25.9
				25	0	20.5	26.5

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20800	2505.0	QPSK	1	0	22.4	26.3
				1	24	22.5	26.5
				1	49	22.3	26.9
				25	0	21.4	25.6
				25	12	21.5	25.6
				25	24	21.5	26.1
				50	0	21.4	26.0
			16QAM	1	0	21.7	26.9
				1	24	21.7	26.5
				1	49	21.7	27.0
				25	0	20.4	25.7
				25	12	20.5	25.6
				25	24	20.4	25.6
				50	0	20.3	26.0
10.0	21100	2535.0	QPSK	1	0	22.4	27.1
				1	24	22.4	26.9
				1	49	22.3	26.3
				25	0	21.3	26.4
				25	12	21.4	26.4
				25	24	21.4	26.1
				50	0	21.3	26.8
			16QAM	1	0	21.7	27.1
				1	24	21.7	27.0
				1	49	21.6	26.6
				25	0	20.3	25.9
				25	12	20.4	26.0
				25	24	20.3	25.6
				50	0	20.3	27.3
10.0	21400	2565.0	QPSK	1	0	22.4	26.1
				1	24	22.4	26.0
				1	49	22.2	25.9
				25	0	21.4	26.0
				25	12	21.5	25.9
				25	24	21.4	26.0
				50	0	21.4	26.2
			16QAM	1	0	21.6	26.1
				1	24	21.6	26.0
				1	49	21.6	26.0
				25	0	20.5	26.0
				25	12	20.5	25.9
				25	24	20.5	25.9
				50	0	20.4	26.4

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20825	2507.5	QPSK	1	0	22.4	26.1
				1	37	22.4	26.7
				1	74	22.3	26.7
				36	0	21.4	25.7
				36	16	21.3	25.6
				36	35	21.4	26.4
				75	0	21.4	26.7
			16-QAM	1	0	21.6	26.6
				1	37	21.5	26.0
				1	74	21.6	26.8
				36	0	20.4	25.7
				36	16	20.5	25.7
				36	35	20.6	26.4
				75	0	20.3	26.5
15.0	21100	2535.0	QPSK	1	0	22.1	25.8
				1	37	22.4	26.9
				1	74	22.2	25.6
				36	0	21.4	26.4
				36	16	21.3	26.4
				36	35	21.4	26.2
				75	0	21.3	27.4
			16-QAM	1	0	21.3	25.4
				1	37	21.5	27.1
				1	74	21.5	25.6
				36	0	20.3	26.0
				36	16	20.3	25.9
				36	35	20.3	25.6
				75	0	20.3	26.7
15.0	21375	2562.5	QPSK	1	0	22.3	26.0
				1	37	22.3	25.9
				1	74	22.2	25.9
				36	0	21.5	26.1
				36	16	21.5	26.0
				36	35	21.4	26.0
				75	0	21.4	26.7
			16-QAM	1	0	21.2	26.0
				1	37	21.4	26.0
				1	74	21.1	25.9
				36	0	20.5	26.0
				36	16	20.5	25.9
				36	35	20.4	25.9
				75	0	20.3	26.3

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20850	2510.0	QPSK	1	0	22.4	26.9
				1	49	22.5	27.4
				1	99	22.3	27.3
				50	0	21.3	26.5
				50	24	21.4	26.1
				50	49	21.5	26.9
				100	0	21.1	26.0
			16-QAM	1	0	21.3	26.6
				1	49	21.3	26.9
				1	99	21.3	27.2
				50	0	20.3	26.2
				50	24	20.6	25.3
				50	49	20.5	27.0
				100	0	20.2	25.6
20.0	21100	2535.0	QPSK	1	0	22.3	27.4
				1	49	22.4	27.4
				1	99	22.3	26.8
				50	0	21.3	26.9
				50	24	21.5	25.7
				50	49	21.4	27.0
				100	0	21.4	26.1
			16-QAM	1	0	21.2	27.3
				1	49	21.3	27.3
				1	99	21.2	26.5
				50	0	20.2	26.7
				50	24	20.9	25.9
				50	49	20.4	25.9
				100	0	21.2	25.8
20.0	21350	2560.0	QPSK	1	0	22.3	26.9
				1	49	22.4	26.8
				1	99	22.4	26.9
				50	0	21.4	26.3
				50	24	21.5	25.9
				50	49	21.5	25.9
				100	0	21.7	25.8
			16-QAM	1	0	21.3	26.9
				1	49	21.4	26.8
				1	99	21.4	26.9
				50	0	20.4	26.1
				50	24	20.2	26.6
				50	49	20.2	26.7
				100	0	20.2	26.9

7.1.5. LTE BAND 12

OUTPUT POWER FOR LTE BAND 12 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	23017	699.7	QPSK	1	0	23.5	27.7
				1	2	23.5	27.6
				1	5	23.4	27.5
				3	0	23.3	27.8
				3	1	23.4	27.7
				3	2	23.4	27.7
			16QAM	6	0	22.3	27.5
				1	0	22.4	27.6
				1	2	22.5	27.6
				1	5	22.4	27.5
				3	0	22.3	27.7
				3	1	22.3	27.7
				3	2	22.4	27.7
				6	0	21.4	27.8
1.4	23095	707.5	QPSK	1	0	23.3	27.3
				1	2	23.4	27.3
				1	5	23.4	27.5
				3	0	23.3	27.6
				3	1	23.4	27.6
				3	2	23.4	27.6
			16QAM	6	0	22.5	27.7
				1	0	22.5	27.3
				1	2	22.6	27.3
				1	5	22.6	27.5
				3	0	22.3	27.4
				3	1	22.4	27.4
				3	2	22.5	27.5
				6	0	21.5	27.7
1.4	23173	715.3	QPSK	1	0	23.2	27.1
				1	2	24.0	28.5
				1	5	23.5	28.1
				3	0	23.3	27.3
				3	1	23.3	27.1
				3	2	23.3	27.1
			16QAM	6	0	22.3	27.5
				1	0	22.6	27.1
				1	2	22.5	26.9
				1	5	22.5	26.8
				3	0	22.4	27.3
				3	1	22.3	27.2
				3	2	22.3	27.1
				6	0	21.5	27.6

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	23025	700.5	QPSK	1	0	23.6	27.6
				1	7	23.6	27.4
				1	14	23.6	27.3
				8	0	22.4	27.3
				8	4	22.5	27.2
				8	7	22.5	27.3
				15	0	22.5	27.8
			16QAM	1	0	22.7	27.6
				1	7	22.9	27.4
				1	14	22.7	27.3
				8	0	21.6	27.1
				8	4	21.7	27.1
				8	7	21.6	27.1
				15	0	21.5	27.7
3.0	23095	707.5	QPSK	1	0	23.4	27.3
				1	7	23.7	27.3
				1	14	23.4	27.6
				8	0	22.4	27.3
				8	4	22.5	27.4
				8	7	22.4	27.3
				15	0	22.3	27.7
			16QAM	1	0	22.6	27.2
				1	7	22.7	27.3
				1	14	22.7	27.6
				8	0	21.5	27.2
				8	4	21.6	27.2
				8	7	21.6	27.2
				15	0	21.4	27.5
3.0	23165	714.5	QPSK	1	0	23.6	27.6
				1	7	23.7	27.1
				1	14	23.5	27.5
				8	0	22.4	27.3
				8	4	22.4	27.2
				8	7	22.3	27.1
				15	0	22.4	27.5
			16QAM	1	0	22.7	27.6
				1	7	22.8	27.2
				1	14	22.7	27.5
				8	0	21.4	27.2
				8	4	21.5	27.2
				8	7	21.5	27.2
				15	0	21.4	27.4

OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23035	701.5	QPSK	1	0	23.7	27.8
				1	12	23.6	27.4
				1	24	23.6	27.2
				12	0	22.4	27.3
				12	6	22.5	27.4
				12	11	22.5	27.3
				25	0	22.5	28.0
			16QAM	1	0	22.8	27.7
				1	12	23.0	27.4
				1	24	22.8	27.2
				12	0	21.5	27.3
				12	6	21.5	27.2
				12	11	21.5	27.2
				25	0	21.4	27.8
5.0	23095	707.5	QPSK	1	0	23.5	27.4
				1	12	23.8	27.4
				1	24	23.7	27.8
				12	0	22.3	27.3
				12	6	22.4	27.3
				12	11	22.4	27.5
				25	0	22.3	27.5
			16QAM	1	0	22.6	27.4
				1	12	22.5	27.4
				1	24	22.6	27.8
				12	0	21.5	27.2
				12	6	21.5	27.2
				12	11	21.5	27.3
				25	0	21.4	27.3
5.0	23155	713.5	QPSK	1	0	23.6	27.9
				1	12	23.6	27.6
				1	24	23.6	27.5
				12	0	22.4	27.2
				12	6	22.4	27.2
				12	11	22.4	27.3
				25	0	22.4	27.7
			16QAM	1	0	22.9	27.9
				1	12	22.9	27.6
				1	24	22.9	27.1
				12	0	21.3	27.3
				12	6	21.3	27.2
				12	11	21.3	27.2
				25	0	21.4	27.6

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23060	704.0	QPSK	1	0	23.5	27.7
				1	24	23.5	27.2
				1	49	23.4	27.6
				25	0	22.3	27.3
				25	12	22.4	27.3
				25	24	22.4	27.4
				50	0	22.4	28.0
			16QAM	1	0	22.7	27.6
				1	24	22.7	27.2
				1	49	22.6	27.6
				25	0	21.4	27.3
				25	12	21.5	27.3
				25	24	21.4	27.3
				50	0	21.4	27.8
10.0	23095	707.5	QPSK	1	0	23.4	27.1
				1	24	23.6	27.4
				1	49	23.4	27.9
				25	0	22.4	27.3
				25	12	22.4	27.4
				25	24	22.4	27.4
				50	0	22.3	27.5
			16QAM	1	0	22.6	27.2
				1	24	22.8	27.4
				1	49	22.6	27.8
				25	0	21.4	27.2
				25	12	21.4	27.2
				25	24	21.4	27.3
				50	0	21.3	27.5
10.0	23130	711.0	QPSK	1	0	23.4	27.3
				1	24	23.5	27.9
				1	49	23.3	26.9
				25	0	22.3	27.4
				25	12	22.5	27.4
				25	24	22.4	27.4
				50	0	22.3	27.9
			16QAM	1	0	22.7	27.3
				1	24	22.8	27.9
				1	49	22.7	27.1
				25	0	21.3	27.2
				25	12	21.5	27.4
				25	24	21.5	27.4
				50	0	21.3	27.6

7.1.6. LTE BAND 13

OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23207	779.5	QPSK	1	0	23.6	28.3
				1	12	24.0	28.4
				1	24	23.8	27.7
				12	0	22.5	27.3
				12	6	22.6	27.5
				12	11	22.6	27.7
				25	0	22.6	27.9
			16QAM	1	0	22.8	28.3
				1	12	23.1	28.4
				1	24	22.9	27.7
				12	0	21.6	27.3
				12	6	21.7	27.5
				12	11	21.6	27.6
				25	0	21.7	27.8
5.0	23230	782.0	QPSK	1	0	23.8	27.4
				1	12	23.9	27.7
				1	24	23.8	27.8
				12	0	22.7	27.7
				12	6	22.6	27.7
				12	11	22.6	27.8
				25	0	22.5	28.3
			16QAM	1	0	23.0	27.8
				1	12	22.8	27.7
				1	24	22.9	27.9
				12	0	21.7	27.7
				12	6	21.7	27.6
				12	11	21.8	27.7
				25	0	21.6	28.0
5.0	23255	784.5	QPSK	1	0	23.9	27.8
				1	12	23.8	27.7
				1	24	23.8	27.8
				12	0	22.5	27.7
				12	6	22.6	27.8
				12	11	22.7	27.8
				25	0	22.6	28.4
			16QAM	1	0	23.0	27.9
				1	12	22.8	29.4
				1	24	22.8	27.8
				12	0	21.5	27.7
				12	6	21.5	27.7
				12	11	21.5	27.8
				25	0	21.6	28.1

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23230	782.0	QPSK	1	0	23.6	27.3
				1	24	23.9	28.2
				1	49	23.9	28.2
				25	0	22.8	28.0
				25	12	22.9	28.1
				25	24	22.8	28.1
				50	0	22.9	28.6
			16QAM	1	0	23.0	28.0
				1	24	23.3	28.2
				1	49	23.1	28.2
				25	0	21.8	28.0
				25	12	21.9	27.9
				25	24	21.8	28.0
				50	0	21.8	28.5

7.1.7. LTE BAND 17

OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23755	706.5	QPSK	1	0	24.0	28.3
				1	12	23.9	27.9
				1	24	24.0	27.8
				12	0	22.8	27.4
				12	6	22.9	27.4
				12	11	22.9	27.4
				25	0	22.8	28.1
			16QAM	1	0	22.9	28.0
				1	12	23.0	27.8
				1	24	23.0	27.5
				12	0	21.9	27.4
				12	6	22.0	27.4
				12	11	21.9	27.5
				25	0	21.8	27.8
5.0	23790	710.0	QPSK	1	0	23.8	27.6
				1	12	23.8	27.6
				1	24	23.9	27.8
				12	0	22.7	27.6
				12	6	22.8	27.8
				12	11	22.8	27.8
				25	0	22.8	28.1
			16QAM	1	0	23.2	27.7
				1	12	23.3	29.4
				1	24	23.4	27.8
				12	0	21.6	27.6
				12	6	21.7	27.7
				12	11	21.6	27.8
				25	0	21.7	27.8
5.0	23825	713.5	QPSK	1	0	23.8	27.8
				1	12	23.9	27.6
				1	24	23.9	28.4
				12	0	22.8	27.8
				12	6	22.8	27.8
				12	11	22.8	27.5
				25	0	22.8	28.0
			16QAM	1	0	23.1	27.8
				1	12	23.1	27.7
				1	24	23.0	28.5
				12	0	21.8	27.8
				12	6	21.8	27.7
				12	11	21.8	27.6
				25	0	21.7	27.9

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23780	709.0	QPSK	1	0	23.7	27.4
				1	24	23.9	27.7
				1	49	23.7	27.8
				25	0	22.8	27.6
				25	12	22.9	27.8
				25	24	22.8	27.9
				50	0	22.8	28.2
			16QAM	1	0	23.1	28.3
				1	24	23.2	27.7
				1	49	23.0	27.8
				25	0	21.8	27.6
				25	12	21.9	27.7
				25	24	21.8	27.9
				50	0	21.7	27.9
10.0	23790	710.0	QPSK	1	0	23.6	27.3
				1	24	23.9	27.9
				1	49	23.7	28.3
				25	0	22.7	27.7
				25	12	22.8	27.9
				25	24	22.8	27.7
				50	0	22.8	27.8
			16QAM	1	0	23.0	27.3
				1	24	23.2	28.0
				1	49	22.9	27.6
				25	0	21.7	27.7
				25	12	21.8	27.8
				25	24	21.8	27.8
				50	0	21.7	28.3
10.0	23800	711.0	QPSK	1	0	23.8	27.3
				1	24	23.9	27.8
				1	49	23.8	27.4
				25	0	22.7	27.6
				25	12	22.8	27.8
				25	24	22.8	27.9
				50	0	22.7	28.2
			16QAM	1	0	23.0	27.7
				1	24	23.0	27.8
				1	49	22.9	27.5
				25	0	21.8	27.6
				25	12	21.9	27.7
				25	24	21.9	27.9
				50	0	21.7	28.2

7.1.8. LTE BAND 25

OUTPUT POWER FOR LTE BAND 25 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26047	1850.7	QPSK	1	0	23.3	27.0
				1	2	23.4	26.9
				1	5	23.3	26.9
				3	0	23.3	27.3
				3	1	23.5	27.2
				3	2	23.5	27.2
				6	0	22.5	27.5
			16QAM	1	0	22.5	27.0
				1	2	23.2	28.6
				1	5	23.2	28.5
				3	0	22.9	29.2
				3	1	23.0	29.1
				3	2	23.1	29.2
				6	0	21.4	27.5
1.4	26365	1882.5	QPSK	1	0	23.6	27.3
				1	2	23.7	27.2
				1	5	23.6	27.4
				3	0	23.7	27.6
				3	1	23.8	27.6
				3	2	23.7	27.6
				6	0	22.7	27.8
			16QAM	1	0	22.9	27.4
				1	2	22.9	27.3
				1	5	22.8	27.4
				3	0	22.7	27.5
				3	1	22.7	27.5
				3	2	22.7	27.5
				6	0	21.8	27.9
1.4	26683	1914.3	QPSK	1	0	23.6	28.4
				1	2	23.7	28.2
				1	5	23.5	28.3
				3	0	23.7	28.5
				3	1	23.8	28.5
				3	2	23.7	28.5
				6	0	22.7	28.0
			16QAM	1	0	22.9	28.4
				1	2	22.9	28.3
				1	5	23.2	28.5
				3	0	23.1	29.0
				3	1	23.2	28.9
				3	2	23.2	28.9
				6	0	21.8	28.1

OUTPUT POWER FOR LTE BAND 25 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26055	1851.5	QPSK	1	0	23.4	27.0
				1	7	23.7	27.4
				1	14	23.7	28.0
				8	0	22.6	27.2
				8	4	22.6	27.2
				8	7	22.6	27.2
				15	0	22.6	27.6
			16QAM	1	0	22.8	27.2
				1	7	23.1	28.1
				1	14	22.9	27.5
				8	0	21.8	27.2
				8	4	21.8	27.2
				8	7	21.7	27.2
				15	0	21.6	27.6
3.0	26365	1882.5	QPSK	1	0	23.6	27.3
				1	7	24.0	27.7
				1	14	23.5	27.5
				8	0	22.6	27.4
				8	4	22.6	27.4
				8	7	22.5	27.4
				15	0	22.5	27.7
			16QAM	1	0	22.8	27.3
				1	7	22.9	27.3
				1	14	22.8	27.5
				8	0	21.7	27.3
				8	4	21.6	27.2
				8	7	21.6	27.3
				15	0	21.6	27.7
3.0	26675	1913.5	QPSK	1	0	23.5	27.3
				1	7	23.6	27.3
				1	14	23.6	27.8
				8	0	22.5	27.2
				8	4	22.5	27.0
				8	7	22.4	27.0
				15	0	22.5	27.7
			16QAM	1	0	22.9	27.3
				1	7	22.9	27.2
				1	14	22.6	27.0
				8	0	21.5	27.2
				8	4	21.6	27.1
				8	7	21.5	27.0
				15	0	21.5	27.6

OUTPUT POWER FOR LTE BAND 25 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	26065	1852.5	QPSK	1	0	23.5	27.4
				1	12	23.7	28.0
				1	24	23.5	27.9
				12	0	22.6	27.4
				12	6	22.6	27.4
				12	11	22.6	27.4
				25	0	22.6	27.7
			16QAM	1	0	22.8	28.2
				1	12	22.9	28.4
				1	24	22.7	27.7
				12	0	21.6	27.3
				12	6	21.6	27.0
				12	11	21.5	27.0
				25	0	21.5	27.8
5.0	26365	1882.5	QPSK	1	0	23.7	27.7
				1	12	24.0	27.8
				1	24	23.8	27.4
				12	0	22.5	27.2
				12	6	22.6	27.3
				12	11	22.5	27.3
				25	0	22.6	27.8
			16QAM	1	0	22.7	27.2
				1	12	22.8	27.2
				1	24	22.7	27.4
				12	0	21.6	27.2
				12	6	21.7	27.3
				12	11	21.6	27.4
				25	0	21.5	27.7
5.0	26665	1912.5	QPSK	1	0	23.6	27.6
				1	12	23.5	26.9
				1	24	23.4	27.9
				12	0	22.5	27.2
				12	6	22.5	27.1
				12	11	22.5	26.9
				25	0	22.5	27.8
			16QAM	1	0	22.8	27.6
				1	12	22.8	28.8
				1	24	23.0	28.1
				12	0	21.4	27.3
				12	6	21.4	27.2
				12	11	21.3	27.0
				25	0	21.5	27.6

OUTPUT POWER FOR LTE BAND 25 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	26090	1855.0	QPSK	1	0	23.8	28.0
				1	24	23.5	27.1
				1	49	23.5	27.4
				25	0	22.6	27.1
				25	12	22.6	27.2
				25	24	22.6	27.3
				50	0	22.6	27.5
			16QAM	1	0	23.0	28.5
				1	24	22.9	27.8
				1	49	23.0	27.5
				25	0	21.6	27.1
				25	12	21.6	27.2
				25	24	21.6	27.4
				50	0	21.6	27.4
10.0	26365	1882.5	QPSK	1	0	24.0	28.4
				1	24	23.8	27.3
				1	49	23.4	27.0
				25	0	22.6	27.3
				25	12	22.7	27.4
				25	24	22.6	27.6
				50	0	22.6	28.0
			16QAM	1	0	23.0	27.5
				1	24	23.0	27.3
				1	49	22.7	27.0
				25	0	21.6	27.2
				25	12	21.6	27.4
				25	24	21.5	27.5
				50	0	21.5	27.9
10.0	26640	1910.0	QPSK	1	0	23.7	27.5
				1	24	23.6	27.7
				1	49	23.4	27.5
				25	0	22.5	27.6
				25	12	22.7	27.4
				25	24	22.4	27.2
				50	0	22.5	27.9
			16QAM	1	0	23.0	27.5
				1	24	22.7	27.3
				1	49	22.7	27.5
				25	0	21.7	27.6
				25	12	21.5	26.8
				25	24	21.5	27.3
				50	0	21.5	27.9

OUTPUT POWER FOR LTE BAND 25 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	26115	1857.5	QPSK	1	0	23.8	27.7
				1	37	23.8	27.5
				1	74	23.7	28.1
				36	0	22.9	28.0
				36	16	22.8	27.4
				36	35	22.7	27.6
				75	0	22.8	28.3
			16-QAM	1	0	23.2	28.3
				1	37	23.1	27.6
				1	74	23.0	28.1
				36	0	21.9	27.5
				36	16	21.9	27.4
				36	35	21.8	27.6
				75	0	21.8	28.0
15.0	26365	1882.5	QPSK	1	0	23.8	27.3
				1	37	23.7	27.4
				1	74	23.6	27.1
				36	0	22.8	27.4
				36	16	22.9	27.5
				36	35	22.7	27.8
				75	0	22.8	28.3
			16-QAM	1	0	23.0	27.3
				1	37	23.2	27.4
				1	74	22.9	27.1
				36	0	21.7	27.3
				36	16	21.8	27.5
				36	35	21.7	27.7
				75	0	21.8	28.1
15.0	26615	1907.5	QPSK	1	0	23.9	27.4
				1	37	23.5	27.2
				1	74	23.5	26.7
				36	0	22.8	27.7
				36	16	22.8	27.7
				36	35	22.6	27.5
				75	0	22.7	28.2
			16-QAM	1	0	22.9	27.5
				1	37	22.8	27.7
				1	74	22.5	27.1
				36	0	21.9	27.7
				36	16	21.8	27.7
				36	35	21.6	27.4
				75	0	21.7	28.1

OUTPUT POWER FOR LTE BAND 25 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	26140	1860.0	QPSK	1	0	23.7	27.5
				1	49	23.8	27.6
				1	99	23.6	27.4
				50	0	22.8	27.4
				50	24	22.8	27.6
				50	49	22.7	27.8
				100	0	22.7	28.1
			16-QAM	1	0	22.7	27.4
				1	49	22.8	27.5
				1	99	22.7	27.4
				50	0	21.8	27.4
				50	24	21.7	27.6
				50	49	21.7	27.7
				100	0	21.7	27.6
20.0	26365	1882.5	QPSK	1	0	23.7	27.4
				1	49	23.8	27.3
				1	99	23.6	27.3
				50	0	22.8	27.4
				50	24	22.8	27.6
				50	49	22.7	27.5
				100	0	22.8	27.9
			16-QAM	1	0	22.9	28.1
				1	49	22.5	27.7
				1	99	22.8	27.7
				50	0	21.7	27.4
				50	24	21.7	27.6
				50	49	21.6	27.0
				100	0	21.7	28.0
20.0	26590	1905.0	QPSK	1	0	23.7	27.8
				1	49	23.7	27.5
				1	99	23.4	26.8
				50	0	22.8	27.8
				50	24	22.8	27.7
				50	49	22.7	27.7
				100	0	22.8	28.2
			16-QAM	1	0	22.6	28.1
				1	49	22.9	27.6
				1	99	22.7	26.9
				50	0	21.8	27.8
				50	24	21.7	27.7
				50	49	21.6	27.6
				100	0	21.8	28.2

7.1.9. LTE BAND 26

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26697	814.7	QPSK	1	0	23.9	28.8
				1	2	23.6	28.4
				1	5	23.9	28.9
				3	0	23.9	29.0
				3	1	24.0	29.1
				3	2	24.0	29.1
			16QAM	6	0	23.1	28.6
				1	0	22.7	28.5
				1	2	22.7	28.4
				1	5	22.7	28.2
				3	0	22.9	29.0
				3	1	22.9	29.0
				3	2	22.9	29.0
				6	0	22.0	28.5
1.4	26740	819.0	QPSK	1	0	23.8	27.5
				1	2	23.8	27.3
				1	5	23.6	27.2
				3	0	23.9	27.8
				3	1	23.8	27.6
				3	2	23.8	27.6
			16QAM	6	0	22.8	27.7
				1	0	23.1	27.5
				1	2	23.0	27.3
				1	5	22.9	27.3
				3	0	22.7	27.6
				3	1	22.7	27.5
				3	2	22.7	27.5
				6	0	21.8	27.7
1.4	26783	823.3	QPSK	1	0	23.6	28.4
				1	2	23.7	28.5
				1	5	23.6	28.5
				3	0	23.6	28.9
				3	1	23.6	28.9
				3	2	23.6	28.9
			16QAM	6	0	22.5	27.6
				1	0	22.8	28.0
				1	2	22.8	27.8
				1	5	22.8	27.9
				3	0	22.6	28.6
				3	1	22.5	27.5
				3	2	22.6	28.4
				6	0	21.6	27.6

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26705	815.5	QPSK	1	0	23.5	28.4
				1	7	23.7	28.4
				1	14	23.6	28.6
				8	0	22.5	27.6
				8	4	22.6	27.7
				8	7	22.5	27.8
				15	0	22.5	28.1
			16QAM	1	0	22.8	28.4
				1	7	22.9	28.4
				1	14	22.8	28.4
				8	0	21.7	27.5
				8	4	21.7	27.5
				8	7	21.7	27.5
				15	0	21.6	27.9
3.0	26740	819.0	QPSK	1	0	23.5	27.3
				1	7	23.7	27.0
				1	14	23.7	28.5
				8	0	22.6	27.4
				8	4	22.7	27.4
				8	7	22.6	27.3
				15	0	22.6	27.8
			16QAM	1	0	22.8	27.3
				1	7	22.9	27.1
				1	14	22.9	28.0
				8	0	21.7	27.3
				8	4	21.8	27.3
				8	7	21.7	27.3
				15	0	21.6	27.6
3.0	26775	822.5	QPSK	1	0	23.6	28.3
				1	7	23.7	28.5
				1	14	23.6	28.5
				8	0	22.6	27.8
				8	4	22.6	27.7
				8	7	22.6	27.8
				15	0	22.5	28.2
			16QAM	1	0	22.8	28.1
				1	7	23.0	28.7
				1	14	22.8	28.5
				8	0	21.7	27.5
				8	4	21.7	27.7
				8	7	21.6	27.7
				15	0	21.6	28.1

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	26715	816.5	QPSK	1	0	23.6	28.4
				1	12	23.8	27.7
				1	24	23.6	27.1
				12	0	22.6	27.1
				12	6	22.7	27.4
				12	11	22.7	27.4
				25	0	22.6	27.5
			16QAM	1	0	22.7	28.3
				1	12	22.8	27.2
				1	24	22.7	27.3
				12	0	21.7	27.1
				12	6	21.8	27.4
				12	11	21.7	27.4
				25	0	21.6	27.8
5.0	26740	819.0	QPSK	1	0	23.5	27.3
				1	12	23.6	27.2
				1	24	23.6	28.4
				12	0	22.6	27.3
				12	6	22.6	27.3
				12	11	22.6	27.2
				25	0	22.7	28.0
			16QAM	1	0	22.2	27.3
				1	12	22.5	28.6
				1	24	22.5	28.5
				12	0	21.4	27.4
				12	6	21.5	27.4
				12	11	21.5	27.3
				25	0	21.6	27.6
5.0	26765	821.5	QPSK	1	0	23.5	27.1
				1	12	23.6	28.2
				1	24	23.6	28.5
				12	0	22.5	27.1
				12	6	22.6	27.6
				12	11	22.5	27.7
				25	0	22.6	28.6
			16QAM	1	0	22.8	27.8
				1	12	22.8	28.5
				1	24	22.8	28.6
				12	0	21.5	27.2
				12	6	21.6	27.2
				12	11	21.6	27.6
				25	0	21.6	27.8

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	26740	819.0	QPSK	1	0	23.5	28.2
				1	24	23.7	27.6
				1	49	23.5	28.3
				25	0	22.6	27.3
				25	12	22.7	27.2
				25	24	22.6	27.7
				50	0	22.6	27.4
			16QAM	1	0	22.8	28.2
				1	24	22.9	27.6
				1	49	22.7	28.3
				25	0	21.6	27.2
				25	12	21.6	27.3
				25	24	21.6	27.1
				50	0	21.5	27.4

7.1.10. LTE BAND 30

OUTPUT POWER FOR LTE BAND 30 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	27685	2307.5	QPSK	1	0	22.6	27.2
				1	12	22.6	27.1
				1	24	22.7	27.3
				12	0	21.5	26.7
				12	6	21.5	26.6
				12	11	21.5	26.6
				25	0	21.5	27.6
			16QAM	1	0	21.7	27.0
				1	12	21.6	26.9
				1	24	21.6	27.0
				12	0	20.5	26.4
				12	6	20.6	26.4
				12	11	20.6	26.4
				25	0	20.5	27.1
5.0	27710	2310.0	QPSK	1	0	22.5	27.1
				1	12	22.5	27.0
				1	24	22.6	27.2
				12	0	21.5	26.4
				12	6	21.5	26.4
				12	11	21.5	26.5
				25	0	21.5	27.2
			16QAM	1	0	22.0	27.2
				1	12	22.1	27.7
				1	24	22.0	27.3
				12	0	20.3	26.4
				12	6	20.4	26.4
				12	11	20.4	26.4
				25	0	20.4	27.0
5.0	27735	2312.5	QPSK	1	0	22.6	27.2
				1	12	22.7	27.2
				1	24	22.6	27.2
				12	0	21.4	26.4
				12	6	21.5	26.4
				12	11	21.5	26.5
				25	0	21.4	27.3
			16QAM	1	0	21.6	27.1
				1	12	21.9	27.3
				1	24	21.7	27.2
				12	0	20.4	26.4
				12	6	20.6	26.4
				12	11	20.5	26.4
				25	0	20.3	26.9

OUTPUT POWER FOR LTE BAND 30 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	27710	2310.0	QPSK	1	0	22.7	27.3
				1	24	22.5	27.2
				1	49	22.6	27.2
				25	0	21.5	26.7
				25	12	21.5	26.6
				25	24	21.6	26.8
				50	0	21.5	26.9
			16QAM	1	0	22.0	27.4
				1	24	21.9	27.3
				1	49	21.8	27.2
				25	0	20.5	26.5
				25	12	20.5	26.5
				25	24	20.6	26.6
				50	0	20.4	26.6

7.1.11. LTE BAND 41

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	39675	2498.5	QPSK	1	0	22.4	26.1
				1	12	22.5	26.4
				1	24	22.4	27.2
				12	0	21.4	26.1
				12	6	21.4	26.1
				12	11	21.4	26.0
				25	0	21.4	26.7
			16QAM	1	0	21.8	26.1
				1	12	21.8	26.9
				1	24	21.8	27.3
				12	0	20.4	26.1
				12	6	20.5	26.1
				12	11	20.5	26.0
				25	0	20.3	26.4
5.0	40620	2593.0	QPSK	1	0	22.4	26.1
				1	12	22.5	26.2
				1	24	22.4	27.2
				12	0	21.4	26.1
				12	6	21.4	26.1
				12	11	21.4	26.1
				25	0	21.4	26.6
			16QAM	1	0	21.8	26.1
				1	12	21.6	26.5
				1	24	21.5	27.4
				12	0	20.4	26.1
				12	6	20.5	26.2
				12	11	20.5	26.1
				25	0	20.3	26.6
5.0	41565	2687.5	QPSK	1	0	22.4	26.1
				1	12	22.5	26.2
				1	24	22.4	27.3
				12	0	21.4	26.1
				12	6	21.4	26.1
				12	11	21.4	26.0
				25	0	21.4	26.6
			16QAM	1	0	21.7	26.1
				1	12	21.5	26.7
				1	24	21.8	27.3
				12	0	20.4	26.1
				12	6	20.5	26.1
				12	11	20.5	26.0
				25	0	20.3	26.6

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	39700	2501.0	QPSK	1	0	22.4	27.1
				1	24	22.3	25.8
				1	49	22.3	27.2
				25	0	21.4	26.1
				25	12	21.5	26.0
				25	24	21.4	26.5
				50	0	21.4	26.5
			16QAM	1	0	21.7	27.3
				1	24	21.6	26.1
				1	49	21.6	27.2
				25	0	20.3	26.1
				25	12	20.4	26.1
				25	24	20.3	25.9
				50	0	20.3	26.5
10.0	40620	2593.0	QPSK	1	0	22.3	27.2
				1	24	22.3	25.9
				1	49	22.3	27.0
				25	0	21.4	26.1
				25	12	21.5	26.0
				25	24	21.4	26.5
				50	0	21.4	26.4
			16QAM	1	0	21.7	27.3
				1	24	21.7	26.4
				1	49	21.6	27.3
				25	0	20.3	26.1
				25	12	20.4	26.1
				25	24	20.3	25.9
				50	0	20.3	26.4
10.0	41540	2685.0	QPSK	1	0	22.3	27.1
				1	24	22.3	25.9
				1	49	22.3	27.2
				25	0	21.4	26.0
				25	12	21.5	26.1
				25	24	21.4	26.5
				50	0	21.4	26.4
			16QAM	1	0	21.6	27.2
				1	24	21.6	25.9
				1	49	21.6	27.3
				25	0	20.3	26.1
				25	12	20.4	26.1
				25	24	20.3	25.9
				50	0	20.3	26.3

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	39725	2503.5	QPSK	1	0	22.2	26.7
				1	37	22.4	26.6
				1	74	22.4	26.3
				36	0	21.3	26.4
				36	16	21.4	26.0
				36	35	21.4	26.2
				75	0	21.3	26.6
			16-QAM	1	0	21.5	26.9
				1	37	21.3	25.7
				1	74	21.5	26.3
				36	0	20.3	26.3
				36	16	20.4	25.9
				36	35	20.4	26.2
				75	0	20.3	26.4
15.0	40620	2593.0	QPSK	1	0	22.4	25.7
				1	37	22.2	26.1
				1	74	22.2	25.6
				36	0	21.5	25.9
				36	16	21.3	25.8
				36	35	21.3	25.8
				75	0	21.4	26.6
			16-QAM	1	0	21.2	25.7
				1	37	21.5	26.2
				1	74	21.2	25.6
				36	0	20.5	25.8
				36	16	20.7	26.4
				36	35	20.4	25.9
				75	0	20.4	26.3
15.0	41515	2682.5	QPSK	1	0	22.5	26.0
				1	37	22.5	26.5
				1	74	22.4	26.1
				36	0	21.4	26.0
				36	16	21.3	25.9
				36	35	21.4	26.0
				75	0	21.3	26.8
			16-QAM	1	0	21.8	26.0
				1	37	21.3	25.8
				1	74	21.7	26.1
				36	0	20.4	26.0
				36	16	20.4	26.0
				36	35	20.4	26.0
				75	0	20.4	26.6

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	39750	2506.0	QPSK	1	0	22.2	26.6
				1	49	22.3	25.9
				1	99	22.4	26.1
				50	0	21.1	26.1
				50	24	21.3	26.0
				50	49	21.3	26.2
				100	0	21.2	26.2
			16-QAM	1	0	21.4	26.5
				1	49	21.6	25.9
				1	99	21.8	26.1
				50	0	20.1	26.0
				50	24	20.2	25.9
				50	49	20.3	26.1
				100	0	20.2	26.2
20.0	40620	2593.0	QPSK	1	0	22.4	26.2
				1	49	22.4	26.4
				1	99	22.2	26.1
				50	0	21.2	25.6
				50	24	21.4	26.2
				50	49	21.2	25.6
				100	0	21.3	26.5
			16-QAM	1	0	21.7	26.2
				1	49	21.6	26.2
				1	99	21.7	26.5
				50	0	20.3	25.6
				50	24	20.3	26.0
				50	49	20.2	25.6
				100	0	20.4	26.6
20.0	41490	2680.0	QPSK	1	0	22.4	26.0
				1	49	22.3	25.8
				1	99	22.3	25.9
				50	0	21.2	25.9
				50	24	21.1	25.8
				50	49	21.2	25.8
				100	0	21.1	26.3
			16-QAM	1	0	21.7	26.0
				1	49	21.7	26.3
				1	99	21.6	25.9
				50	0	20.2	25.9
				50	24	20.2	25.7
				50	49	20.2	25.8
				100	0	20.2	26.3

7.2. MODEL: A1634 (UAT)

7.2.1. LTE BAND 2

OUTPUT POWER FOR LTE BAND 2 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	18607	1850.7	QPSK	1	0	17.7	21.3
				1	2	17.7	21.1
				1	5	17.5	21.0
				3	0	17.6	21.4
				3	1	17.6	21.3
				3	2	17.6	21.3
				6	0	16.9	21.8
			16QAM	1	0	16.7	21.2
				1	2	16.7	21.1
				1	5	16.6	21.1
				3	0	16.7	21.3
				3	1	16.8	21.3
				3	2	16.8	21.3
				6	0	15.9	21.7
1.4	18900	1880.0	QPSK	1	0	17.6	21.1
				1	2	17.7	21.0
				1	5	17.7	21.1
				3	0	17.6	21.4
				3	1	17.7	21.3
				3	2	17.7	21.3
				6	0	16.8	21.6
			16QAM	1	0	17.0	21.1
				1	2	17.0	21.1
				1	5	17.0	21.2
				3	0	16.8	21.3
				3	1	16.8	21.2
				3	2	16.8	21.3
				6	0	15.9	21.6
1.4	19193	1909.3	QPSK	1	0	18.1	22.3
				1	2	18.2	22.2
				1	5	18.1	22.2
				3	0	18.1	22.4
				3	1	18.1	22.3
				3	2	18.1	22.3
				6	0	17.0	22.3
			16QAM	1	0	17.3	22.3
				1	2	17.3	22.4
				1	5	17.2	22.4
				3	0	17.1	22.5
				3	1	17.1	22.4
				3	2	17.1	22.4
				6	0	16.1	22.4

OUTPUT POWER FOR LTE BAND 2 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	18615	1851.5	QPSK	1	0	17.8	21.2
				1	7	17.7	20.9
				1	14	17.6	20.9
				8	0	16.9	21.3
				8	4	16.9	21.3
				8	7	16.8	21.2
				15	0	17.0	21.8
			16QAM	1	0	17.1	21.3
				1	7	17.0	21.0
				1	14	16.9	21.0
				8	0	16.2	21.4
				8	4	16.1	21.3
				8	7	16.1	21.3
				15	0	16.0	21.8
3.0	18900	1880.0	QPSK	1	0	17.8	21.1
				1	7	17.8	21.0
				1	14	17.9	21.2
				8	0	16.9	21.3
				8	4	17.0	21.3
				8	7	17.0	21.4
				15	0	17.0	21.7
			16QAM	1	0	17.1	21.2
				1	7	17.1	21.1
				1	14	17.1	21.2
				8	0	16.2	21.4
				8	4	16.2	21.3
				8	7	16.2	21.4
				15	0	16.1	21.8
3.0	19185	1908.5	QPSK	1	0	18.0	22.0
				1	7	18.2	22.2
				1	14	18.2	22.1
				8	0	17.1	21.9
				8	4	17.1	21.9
				8	7	17.1	21.9
				15	0	17.1	22.5
			16QAM	1	0	17.3	22.0
				1	7	17.4	22.3
				1	14	17.3	22.4
				8	0	16.2	21.8
				8	4	16.2	21.8
				8	7	16.2	21.9
				15	0	16.1	22.2

OUTPUT POWER FOR LTE BAND 2 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak(dBm)				
				Size	Offset						
5.0	18625	1852.5	QPSK	1	0	17.8	21.2				
				1	12	17.6	20.9				
				1	24	17.7	21.1				
				12	0	16.9	21.3				
				12	6	16.8	21.2				
				12	11	16.8	21.2				
			16QAM	25	0	17.1	21.8				
				1	0	17.0	21.2				
				1	12	16.8	21.0				
				1	24	16.8	21.1				
				12	0	16.0	21.4				
				12	6	16.0	21.3				
5.0	18900	1880.0	QPSK	12	11	16.0	21.2				
				25	0	15.9	21.9				
				16QAM	1	0	17.0	21.2			
					1	12	16.9	21.1			
					1	24	17.1	21.3			
					12	0	16.2	21.4			
			12		6	16.2	21.3				
			12		11	16.2	21.4				
			5.0	19175	1907.5	QPSK	25	0	16.1	21.6	
							16QAM	1	0	18.1	21.4
								1	12	18.1	22.1
								1	24	18.1	22.2
12	0	17.2						21.8			
12	6	17.2						21.9			
12	11	17.1				21.9					
16QAM	25	0				17.1	22.5				
	1	0				17.3	21.4				
	1	12				17.2	22.1				
	1	24				17.3	22.4				
	12	0				16.1	21.8				
	12	6	16.1	21.8							
12	11	16.0	21.9								
25	0	16.1	22.3								

OUTPUT POWER FOR LTE BAND 2 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	18650	1855.0	QPSK	1	0	17.8	21.1
				1	24	17.7	21.1
				1	49	18.2	22.0
				25	0	16.8	21.2
				25	12	16.9	21.4
				25	24	17.2	21.8
				50	0	17.2	22.0
			16QAM	1	0	16.9	21.1
				1	24	16.9	21.1
				1	49	16.7	22.0
				25	0	15.9	21.3
				25	12	16.0	21.4
				25	24	16.2	21.7
				50	0	16.1	22.1
10.0	18900	1880.0	QPSK	1	0	17.9	21.2
				1	24	17.7	21.0
				1	49	18.0	21.6
				25	0	17.0	21.3
				25	12	17.0	21.3
				25	24	17.2	21.5
				50	0	17.1	21.8
			16QAM	1	0	17.3	21.3
				1	24	17.0	21.1
				1	49	17.4	21.6
				25	0	16.1	21.4
				25	12	16.1	21.3
				25	24	16.1	21.5
				50	0	16.1	22.0
10.0	19150	1905.0	QPSK	1	0	18.1	21.3
				1	24	18.0	21.3
				1	49	18.1	22.1
				25	0	17.1	21.4
				25	12	17.2	21.6
				25	24	17.1	22.0
				50	0	17.2	22.1
			16QAM	1	0	17.3	21.4
				1	24	17.1	21.3
				1	49	17.3	22.3
				25	0	16.2	21.4
				25	12	16.3	21.6
				25	24	16.24	21.99
				50	0	16.17	22.30

OUTPUT POWER FOR LTE BAND 2 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	18675	1857.5	QPSK	1	0	17.8	21.1
				1	37	17.9	21.6
				1	74	18.0	22.6
				36	0	16.9	21.4
				36	16	17.1	21.8
				36	35	17.1	22.1
				75	0	17.1	22.6
			16-QAM	1	0	17.0	21.1
				1	37	17.2	21.6
				1	74	17.1	22.7
				36	0	16.0	21.3
				36	16	16.2	21.8
				36	35	16.2	22.1
				75	0	16.1	22.2
15.0	18900	1880.0	QPSK	1	0	17.9	21.7
				1	37	17.7	21.0
				1	74	18.1	22.1
				36	0	17.1	21.6
				36	16	17.1	21.3
				36	35	17.2	21.7
				75	0	17.2	22.4
			16-QAM	1	0	17.2	21.8
				1	37	17.0	21.1
				1	74	17.1	22.1
				36	0	16.1	21.6
				36	16	16.1	21.4
				36	35	16.2	21.6
				75	0	16.1	22.1
15.0	19125	1902.5	QPSK	1	0	18.1	22.4
				1	37	17.8	21.0
				1	74	18.1	22.2
				36	0	17.2	22.0
				36	16	17.2	21.5
				36	35	17.1	22.0
				75	0	17.1	22.6
			16-QAM	1	0	17.2	22.6
				1	37	16.9	21.2
				1	74	17.2	22.4
				36	0	16.2	21.9
				36	16	16.2	21.6
				36	35	16.2	21.8
				75	0	16.1	22.3

OUTPUT POWER FOR LTE BAND 2 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	18700	1860.0	QPSK	1	0	17.7	21.1
				1	49	18.1	22.1
				1	99	18.1	22.4
				50	0	17.1	21.8
				50	24	17.2	22.1
				50	49	17.1	22.0
				100	0	17.1	22.3
			16-QAM	1	0	16.8	21.0
				1	49	17.2	22.1
				1	99	17.1	22.5
				50	0	16.0	21.7
				50	24	16.1	22.0
				50	49	16.0	21.9
				100	0	16.1	22.3
20.0	18900	1880.0	QPSK	1	0	18.0	22.1
				1	49	17.8	21.0
				1	99	18.2	22.5
				50	0	17.1	21.7
				50	24	17.1	21.5
				50	49	17.1	22.0
				100	0	17.1	22.1
			16-QAM	1	0	17.3	22.2
				1	49	17.2	21.0
				1	99	17.1	22.5
				50	0	16.0	21.7
				50	24	16.1	21.5
				50	49	16.1	22.0
				100	0	16.1	22.2
20.0	19100	1900.0	QPSK	1	0	18.1	22.6
				1	49	18.0	21.3
				1	99	18.1	22.2
				50	0	17.1	22.0
				50	24	17.2	21.9
				50	49	17.2	22.0
				100	0	17.2	22.4
			16-QAM	1	0	17.2	22.6
				1	49	17.3	21.5
				1	99	17.2	22.3
				50	0	16.1	22.0
				50	24	16.2	21.9
				50	49	16.2	21.9
				100	0	16.2	22.1

7.2.2. LTE BAND 4

OUTPUT POWER FOR LTE BAND 4 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	19957	1710.7	QPSK	1	0	19.6	23.2
				1	2	19.8	23.2
				1	5	19.5	23.7
				3	0	20.0	23.7
				3	1	20.0	23.4
				3	2	20.0	23.4
				6	0	18.7	23.6
			16QAM	1	0	19.3	23.3
				1	2	19.2	23.3
				1	5	19.2	23.3
				3	0	18.7	23.5
				3	1	18.7	23.4
				3	2	18.8	23.3
				6	0	18.3	23.8
1.4	20175	1732.5	QPSK	1	0	19.3	24.1
				1	2	19.4	24.1
				1	5	19.3	24.1
				3	0	19.4	24.5
				3	1	19.5	24.5
				3	2	19.5	24.5
				6	0	18.4	24.1
			16QAM	1	0	18.7	24.3
				1	2	18.9	24.4
				1	5	18.8	24.5
				3	0	18.3	24.4
				3	1	18.4	24.4
				3	2	18.4	24.4
				6	0	17.4	24.3
1.4	20393	1754.3	QPSK	1	0	19.3	23.7
				1	2	19.3	23.6
				1	5	19.4	23.9
				3	0	19.3	23.9
				3	1	19.4	23.9
				3	2	19.4	23.9
				6	0	18.4	23.5
			16QAM	1	0	18.2	23.7
				1	2	18.3	23.6
				1	5	18.4	23.9
				3	0	18.3	23.8
				3	1	18.4	23.8
				3	2	18.4	23.8
				6	0	17.5	23.6

OUTPUT POWER FOR LTE BAND 4 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	19965	1711.5	QPSK	1	0	19.8	23.5
				1	7	19.9	23.3
				1	14	19.7	23.3
				8	0	18.6	23.4
				8	4	18.7	23.2
				8	7	18.7	23.4
				15	0	18.7	23.8
			16QAM	1	0	19.0	23.5
				1	7	19.1	23.5
				1	14	18.8	23.3
				8	0	17.8	23.0
				8	4	17.8	22.9
				8	7	17.8	23.0
				15	0	17.7	23.6
3.0	20175	1732.5	QPSK	1	0	19.6	24.3
				1	7	19.9	24.5
				1	14	19.5	24.3
				8	0	18.4	23.6
				8	4	18.4	23.5
				8	7	18.4	23.5
				15	0	18.4	24.0
			16QAM	1	0	18.9	24.4
				1	7	19.1	24.5
				1	14	18.9	24.4
				8	0	17.5	23.4
				8	4	17.5	23.4
				8	7	17.5	23.5
				15	0	17.4	24.0
3.0	20385	1753.5	QPSK	1	0	19.5	23.7
				1	7	19.7	23.8
				1	14	19.6	23.9
				8	0	18.4	23.1
				8	4	18.4	23.0
				8	7	18.4	23.2
				15	0	18.4	23.6
			16QAM	1	0	18.8	23.7
				1	7	18.8	23.8
				1	14	18.6	23.6
				8	0	17.5	22.9
				8	4	17.5	22.8
				8	7	17.5	23.0
				15	0	17.4	23.6

OUTPUT POWER FOR LTE BAND 4 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	19975	1712.5	QPSK	1	0	19.9	23.5
				1	12	19.9	23.5
				1	24	19.8	23.4
				12	0	18.6	23.3
				12	6	18.7	23.2
				12	11	18.7	23.3
				25	0	18.6	23.8
			16QAM	1	0	19.1	23.5
				1	12	19.3	23.7
				1	24	19.1	23.4
				12	0	17.7	23.2
				12	6	17.8	23.0
				12	11	17.7	23.1
				25	0	17.6	23.8
5.0	20175	1732.5	QPSK	1	0	19.7	24.5
				1	12	19.7	24.3
				1	24	19.6	24.3
				12	0	18.4	23.8
				12	6	18.4	23.8
				12	11	18.4	23.7
				25	0	18.4	23.8
			16QAM	1	0	18.8	24.4
				1	12	18.7	24.2
				1	24	18.6	24.3
				12	0	17.4	23.5
				12	6	17.5	23.5
				12	11	17.5	23.5
				25	0	17.4	23.6
5.0	20375	1752.5	QPSK	1	0	19.6	23.7
				1	12	19.6	23.7
				1	24	19.6	23.9
				12	0	18.4	23.0
				12	6	18.5	23.0
				12	11	18.4	23.0
				25	0	18.4	23.4
			16QAM	1	0	19.0	23.7
				1	12	18.9	24.2
				1	24	19.1	23.9
				12	0	17.3	22.9
				12	6	17.4	22.9
				12	11	17.3	22.9
				25	0	17.4	23.2

OUTPUT POWER FOR LTE BAND 4 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20000	1715.0	QPSK	1	0	20.0	23.5
				1	24	19.7	23.4
				1	49	19.6	23.8
				25	0	18.7	23.4
				25	12	18.8	23.2
				25	24	18.7	23.5
				50	0	18.7	23.7
			16QAM	1	0	19.3	23.5
				1	24	19.0	23.4
				1	49	18.9	23.8
				25	0	17.8	23.3
				25	12	17.8	23.1
				25	24	17.7	23.3
				50	0	17.6	23.8
10.0	20175	1732.5	QPSK	1	0	19.7	24.4
				1	24	19.7	24.4
				1	49	19.5	24.1
				25	0	18.6	23.8
				25	12	18.4	23.6
				25	24	18.4	23.7
				50	0	18.4	24.0
			16QAM	1	0	19.0	24.4
				1	24	18.9	24.4
				1	49	18.7	24.2
				25	0	17.6	23.7
				25	12	17.4	23.5
				25	24	17.4	23.6
				50	0	17.4	23.7
10.0	20350	1750.0	QPSK	1	0	19.6	23.8
				1	24	19.5	23.6
				1	49	19.4	23.7
				25	0	18.4	23.1
				25	12	18.4	23.1
				25	24	18.4	23.2
				50	0	18.4	23.3
			16QAM	1	0	18.7	23.7
				1	24	18.6	23.6
				1	49	18.6	23.7
				25	0	17.4	23.1
				25	12	17.5	22.8
				25	24	17.4	23.0
				50	0	17.4	23.9

OUTPUT POWER FOR LTE BAND 4 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20025	1717.5	QPSK	1	0	19.8	23.6
				1	37	19.6	23.7
				1	74	19.7	24.1
				36	0	18.9	23.6
				36	16	18.9	23.6
				36	35	18.8	23.7
				75	0	18.7	24.5
			16-QAM	1	0	19.1	23.6
				1	37	18.5	23.4
				1	74	18.9	24.1
				36	0	18.0	23.6
				36	16	18.0	23.5
				36	35	17.8	23.5
				75	0	17.7	24.1
15.0	20175	1732.5	QPSK	1	0	19.8	24.3
				1	37	19.6	24.3
				1	74	19.5	24.0
				36	0	18.7	23.9
				36	16	18.6	23.9
				36	35	18.6	23.9
				75	0	18.6	24.4
			16-QAM	1	0	19.0	24.3
				1	37	18.9	24.3
				1	74	18.7	24.0
				36	0	17.7	23.8
				36	16	17.6	23.7
				36	35	17.6	23.7
				75	0	17.6	24.2
15.0	20325	1747.5	QPSK	1	0	19.5	23.8
				1	37	19.6	23.6
				1	74	19.5	23.5
				36	0	18.6	23.6
				36	16	18.5	23.3
				36	35	18.6	23.3
				75	0	18.6	24.3
			16-QAM	1	0	18.6	24.1
				1	37	18.3	23.4
				1	74	18.2	23.4
				36	0	17.6	23.3
				36	16	17.5	23.0
				36	35	17.6	23.1
				75	0	17.5	23.9

OUTPUT POWER FOR LTE BAND 4 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20050	1720.0	QPSK	1	0	19.9	23.7
				1	49	19.8	24.1
				1	99	19.7	24.3
				50	0	19.0	23.8
				50	24	18.9	23.7
				50	49	18.8	23.8
				100	0	18.9	24.3
			16-QAM	1	0	19.1	23.6
				1	49	19.0	24.1
				1	99	18.8	24.3
				50	0	18.0	23.5
				50	24	17.9	23.5
				50	49	17.8	23.7
				100	0	18.0	24.1
20.0	20175	1732.5	QPSK	1	0	19.7	24.0
				1	49	19.7	24.4
				1	99	19.6	23.9
				50	0	18.8	23.9
				50	24	18.8	23.9
				50	49	18.6	23.8
				100	0	18.7	24.2
			16-QAM	1	0	19.2	24.1
				1	49	19.1	24.4
				1	99	19.1	24.0
				50	0	17.8	23.8
				50	24	17.7	23.9
				50	49	17.5	23.7
				100	0	17.7	23.9
20.0	20300	1745.0	QPSK	1	0	19.5	23.7
				1	49	19.6	23.9
				1	99	19.6	23.8
				50	0	18.8	23.9
				50	24	18.7	23.5
				50	49	18.7	23.6
				100	0	18.7	24.3
			16-QAM	1	0	19.1	24.2
				1	49	19.0	24.0
				1	99	19.2	23.8
				50	0	17.7	23.7
				50	24	17.6	23.4
				50	49	17.6	23.3
				100	0	17.7	24.0

7.2.3. LTE BAND 5

OUTPUT POWER FOR LTE BAND 5 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	20407	824.7	QPSK	1	0	21.8	26.9
				1	2	21.8	26.8
				1	5	21.7	26.9
				3	0	21.5	26.9
				3	1	21.6	26.9
				3	2	21.6	26.9
				6	0	20.5	26.0
			16QAM	1	0	20.6	26.6
				1	2	20.8	26.7
				1	5	20.8	26.7
				3	0	20.4	26.8
				3	1	20.5	26.8
				3	2	20.4	26.8
				6	0	19.6	26.3
1.4	20525	836.5	QPSK	1	0	21.6	25.6
				1	2	21.6	25.7
				1	5	21.7	26.3
				3	0	21.4	25.5
				3	1	21.4	25.3
				3	2	21.4	25.3
				6	0	20.5	25.5
			16QAM	1	0	20.9	25.6
				1	2	20.8	25.4
				1	5	21.1	26.4
				3	0	20.4	25.3
				3	1	20.5	25.3
				3	2	20.5	25.3
				6	0	19.5	25.5
1.4	20643	848.3	QPSK	1	0	21.8	26.0
				1	2	21.8	25.9
				1	5	21.8	25.6
				3	0	21.5	26.1
				3	1	21.5	26.1
				3	2	21.6	26.0
				6	0	20.4	26.0
			16QAM	1	0	20.7	26.0
				1	2	20.9	25.9
				1	5	20.7	25.8
				3	0	20.4	26.2
				3	1	20.4	26.1
				3	2	20.5	26.1
				6	0	19.5	26.0

OUTPUT POWER FOR LTE BAND 5 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	20415	825.5	QPSK	1	0	21.7	26.7
				1	7	21.6	26.5
				1	14	21.6	26.5
				8	0	20.5	25.8
				8	4	20.6	25.8
				8	7	20.5	25.7
				15	0	20.5	25.5
			16QAM	1	0	20.8	26.4
				1	7	21.0	26.7
				1	14	20.8	26.2
				8	0	19.7	25.7
				8	4	19.7	25.7
				8	7	19.7	25.7
				15	0	19.6	26.0
3.0	20525	836.5	QPSK	1	0	21.5	25.3
				1	7	21.8	26.0
				1	14	21.6	25.9
				8	0	20.5	25.3
				8	4	20.5	25.3
				8	7	20.5	25.2
				15	0	20.4	25.7
			16QAM	1	0	20.9	25.3
				1	7	21.0	25.6
				1	14	20.9	25.8
				8	0	19.6	25.3
				8	4	19.6	25.2
				8	7	19.6	25.2
				15	0	19.5	25.6
3.0	20635	847.5	QPSK	1	0	21.7	26.4
				1	7	21.8	26.1
				1	14	21.7	25.7
				8	0	20.5	25.9
				8	4	20.5	25.9
				8	7	20.5	25.8
				15	0	20.5	26.1
			16QAM	1	0	20.8	26.4
				1	7	21.0	26.1
				1	14	20.8	25.8
				8	0	19.5	25.7
				8	4	19.5	25.7
				8	7	19.5	25.7
				15	0	19.5	26.1

OUTPUT POWER FOR LTE BAND 5 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20425	826.5	QPSK	1	0	21.6	26.4
				1	12	21.8	26.6
				1	24	21.6	25.6
				12	0	20.5	25.8
				12	6	20.5	25.8
				12	11	20.5	25.3
				25	0	20.5	25.9
			16QAM	1	0	20.8	26.6
				1	12	21.0	26.7
				1	24	20.7	25.6
				12	0	19.5	25.6
				12	6	19.6	25.5
				12	11	19.6	25.3
				25	0	19.5	25.7
5.0	20525	836.5	QPSK	1	0	21.7	25.3
				1	12	21.8	26.2
				1	24	21.7	26.6
				12	0	20.5	25.3
				12	6	20.5	25.2
				12	11	20.5	25.1
				25	0	20.4	26.0
			16QAM	1	0	20.7	25.3
				1	12	20.8	25.8
				1	24	20.7	26.5
				12	0	19.5	25.3
				12	6	19.6	25.3
				12	11	19.6	25.2
				25	0	19.4	25.6
5.0	20625	846.5	QPSK	1	0	21.7	26.4
				1	12	21.6	26.3
				1	24	21.7	25.6
				12	0	20.4	25.6
				12	6	20.5	25.7
				12	11	20.5	25.8
				25	0	20.5	26.1
			16QAM	1	0	20.9	26.5
				1	12	21.0	26.3
				1	24	20.9	25.7
				12	0	19.3	25.8
				12	6	19.3	25.6
				12	11	19.3	25.7
				25	0	19.4	26.0

OUTPUT POWER FOR LTE BAND 5 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20450	829.0	QPSK	1	0	21.6	26.6
				1	24	21.5	25.4
				1	49	21.4	25.0
				25	0	20.4	25.8
				25	12	20.5	25.2
				25	24	20.5	25.2
				50	0	20.5	25.8
			16QAM	1	0	20.7	26.4
				1	24	20.7	25.6
				1	49	20.7	25.5
				25	0	19.4	25.7
				25	12	19.5	25.2
				25	24	19.5	25.3
				50	0	19.4	25.3
10.0	20525	836.5	QPSK	1	0	21.5	25.0
				1	24	21.8	26.4
				1	49	21.5	26.1
				25	0	20.4	25.2
				25	12	20.5	25.0
				25	24	20.5	25.7
				50	0	20.4	25.2
			16QAM	1	0	20.8	25.1
				1	24	20.9	26.2
				1	49	20.7	26.2
				25	0	19.4	25.1
				25	12	19.5	25.1
				25	24	19.4	25.4
				50	0	19.3	25.3
10.0	20600	844.0	QPSK	1	0	21.4	26.3
				1	24	21.7	26.1
				1	49	21.5	25.4
				25	0	20.4	25.9
				25	12	20.5	25.8
				25	24	20.4	25.9
				50	0	20.5	25.9
			16QAM	1	0	20.6	26.3
				1	24	20.9	26.1
				1	49	20.7	25.5
				25	0	19.5	25.8
				25	12	19.6	25.8
				25	24	19.5	25.9
				50	0	19.4	25.9

7.2.4. LTE BAND 7

OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20775	2502.5	QPSK	1	0	19.2	22.4
				1	12	19.4	22.5
				1	24	19.5	22.7
				12	0	18.4	22.6
				12	6	18.6	22.7
				12	11	18.6	22.7
				25	0	18.6	23.2
			16QAM	1	0	18.3	22.4
				1	12	18.5	22.6
				1	24	18.6	22.8
				12	0	17.6	22.6
				12	6	17.8	22.7
				12	11	17.8	22.8
				25	0	17.6	23.1
5.0	21100	2535.0	QPSK	1	0	18.8	22.0
				1	12	18.7	21.9
				1	24	18.8	22.1
				12	0	17.9	22.2
				12	6	17.9	22.1
				12	11	17.9	22.1
				25	0	17.8	22.7
			16QAM	1	0	18.3	22.1
				1	12	18.2	21.9
				1	24	18.2	22.0
				12	0	17.0	22.2
				12	6	16.9	22.1
				12	11	16.9	22.1
				25	0	17.0	22.8
5.0	21425	2567.5	QPSK	1	0	19.8	23.8
				1	12	19.4	23.5
				1	24	19.2	23.4
				12	0	18.7	23.8
				12	6	18.6	23.6
				12	11	18.6	23.7
				25	0	19.7	24.3
			16QAM	1	0	18.7	23.8
				1	12	18.6	23.5
				1	24	18.5	23.5
				12	0	17.9	23.9
				12	6	17.9	23.7
				12	11	17.8	23.7
				25	0	17.7	24.3

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20800	2505.0	QPSK	1	0	19.2	22.5
				1	24	19.4	22.7
				1	49	19.6	23.0
				25	0	18.5	22.8
				25	12	18.7	22.9
				25	24	18.6	23.1
				50	0	18.7	23.6
			16QAM	1	0	18.4	22.5
				1	24	18.7	22.7
				1	49	18.8	23.0
				25	0	17.7	22.8
				25	12	17.9	22.9
				25	24	17.8	23.1
				50	0	17.6	23.4
10.0	21100	2535.0	QPSK	1	0	19.0	22.2
				1	24	18.7	21.9
				1	49	18.9	22.2
				25	0	18.0	22.3
				25	12	17.9	22.1
				25	24	18.0	22.3
				50	0	17.9	22.6
			16QAM	1	0	18.4	22.3
				1	24	18.0	21.9
				1	49	18.2	22.2
				25	0	17.2	22.3
				25	12	17.1	22.1
				25	24	17.0	22.2
				50	0	17.0	22.9
10.0	21400	2565.0	QPSK	1	0	19.6	23.8
				1	24	19.4	23.6
				1	49	19.2	23.3
				25	0	18.8	23.9
				25	12	18.6	23.7
				25	24	18.5	23.7
				50	0	18.8	24.3
			16QAM	1	0	18.8	23.8
				1	24	18.7	23.6
				1	49	18.5	23.5
				25	0	17.1	24.0
				25	12	18.0	23.8
				25	24	17.8	23.8
				50	0	17.8	24.3

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20825	2507.5	QPSK	1	0	19.4	22.7
				1	37	19.6	22.9
				1	74	19.6	23.0
				36	0	18.7	23.0
				36	16	18.8	23.1
				36	35	18.9	23.6
				75	0	19.0	24.0
			16-QAM	1	0	18.6	22.6
				1	37	18.9	23.0
				1	74	18.5	23.8
				36	0	17.8	23.0
				36	16	17.9	23.1
				36	35	18.1	23.6
				75	0	17.8	23.8
15.0	21100	2535.0	QPSK	1	0	19.4	22.7
				1	37	18.7	22.0
				1	74	19.2	22.6
				36	0	18.2	22.6
				36	16	18.0	22.3
				36	35	18.1	22.4
				75	0	18.0	23.2
			16-QAM	1	0	18.8	22.8
				1	37	18.1	22.0
				1	74	18.6	22.6
				36	0	17.4	22.7
				36	16	17.1	22.3
				36	35	17.2	22.4
				75	0	17.2	23.1
15.0	21375	2562.5	QPSK	1	0	19.4	23.3
				1	37	19.5	23.7
				1	74	19.5	23.3
				36	0	18.6	23.7
				36	16	18.7	23.7
				36	35	18.6	23.8
				75	0	18.8	24.6
			16-QAM	1	0	18.1	23.4
				1	37	18.6	23.8
				1	74	18.3	23.5
				36	0	17.8	23.7
				36	16	17.9	23.8
				36	35	17.8	23.9
				75	0	17.7	24.2

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20850	2510.0	QPSK	1	0	19.1	22.4
				1	49	19.5	22.8
				1	99	19.3	22.7
				50	0	18.5	22.8
				50	24	18.6	23.1
				50	49	18.9	23.4
				100	0	18.8	23.8
			16-QAM	1	0	18.2	22.3
				1	49	18.5	22.8
				1	99	19.0	23.4
				50	0	17.6	22.8
				50	24	17.7	23.1
				50	49	18.0	23.5
				100	0	17.7	23.4
20.0	21100	2535.0	QPSK	1	0	19.4	22.7
				1	49	18.5	21.7
				1	99	19.2	22.6
				50	0	18.0	22.5
				50	24	17.7	22.0
				50	49	17.9	22.4
				100	0	17.9	22.9
			16-QAM	1	0	19.0	22.8
				1	49	17.9	21.7
				1	99	18.7	22.6
				50	0	17.1	22.5
				50	24	16.8	22.0
				50	49	17.0	22.4
				100	0	17.0	22.7
20.0	21350	2560.0	QPSK	1	0	19.8	23.1
				1	49	19.0	23.3
				1	99	19.1	23.0
				50	0	19.0	23.0
				50	24	19.3	23.2
				50	49	19.3	23.4
				100	0	19.4	23.8
			16-QAM	1	0	19.1	22.9
				1	49	18.7	23.4
				1	99	18.5	23.1
				50	0	18.1	23.0
				50	24	18.4	23.4
				50	49	18.4	23.5
				100	0	18.3	23.5

7.2.5. LTE BAND 12

OUTPUT POWER FOR LTE BAND 12 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	23017	699.7	QPSK	1	0	22.4	27.2
				1	2	22.4	26.8
				1	5	22.3	27.0
				3	0	22.2	27.1
				3	1	22.3	27.1
				3	2	22.3	27.0
				6	0	21.2	26.2
			16QAM	1	0	21.5	27.2
				1	2	21.4	26.9
				1	5	21.6	27.2
				3	0	21.2	27.1
				3	1	21.3	27.0
				3	2	21.3	26.9
				6	0	20.3	26.7
1.4	23095	707.5	QPSK	1	0	22.1	26.9
				1	2	22.2	26.9
				1	5	22.3	27.3
				3	0	22.1	27.3
				3	1	22.2	27.3
				3	2	22.3	27.3
				6	0	21.2	26.7
			16QAM	1	0	21.3	26.9
				1	2	21.4	26.9
				1	5	21.5	27.2
				3	0	21.1	27.3
				3	1	21.2	27.4
				3	2	21.2	27.4
				6	0	20.3	26.6
1.4	23173	715.3	QPSK	1	0	22.1	26.6
				1	2	21.9	26.4
				1	5	21.9	26.4
				3	0	22.1	26.7
				3	1	22.1	26.7
				3	2	22.0	26.6
				6	0	21.0	26.4
			16QAM	1	0	21.4	26.7
				1	2	21.3	26.4
				1	5	21.1	26.5
				3	0	21.1	26.7
				3	1	21.0	26.6
				3	2	20.9	26.6
				6	0	20.1	26.7

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	23025	700.5	QPSK	1	0	22.3	26.6
				1	7	22.3	26.6
				1	14	22.4	26.7
				8	0	21.2	26.0
				8	4	21.3	26.0
				8	7	21.3	26.1
				15	0	21.3	26.5
			16QAM	1	0	21.6	26.6
				1	7	21.8	26.8
				1	14	21.6	26.6
				8	0	20.4	25.9
				8	4	20.5	25.8
				8	7	20.5	25.9
				15	0	20.3	26.4
3.0	23095	707.5	QPSK	1	0	22.2	26.8
				1	7	22.3	27.0
				1	14	22.1	26.1
				8	0	21.2	26.2
				8	4	21.2	26.3
				8	7	21.2	26.3
				15	0	21.2	26.5
			16QAM	1	0	21.4	26.7
				1	7	21.7	27.1
				1	14	21.6	27.2
				8	0	20.4	26.1
				8	4	20.4	26.2
				8	7	20.4	26.3
				15	0	20.2	26.7
3.0	23165	714.5	QPSK	1	0	22.0	25.4
				1	7	22.2	26.5
				1	14	22.2	26.5
				8	0	21.0	25.9
				8	4	21.1	25.8
				8	7	21.1	26.0
				15	0	21.0	26.3
			16QAM	1	0	21.3	26.0
				1	7	21.3	26.4
				1	14	21.3	26.5
				8	0	20.2	25.7
				8	4	20.2	25.6
				8	7	20.2	25.8
				15	0	20.1	26.1

OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23035	701.5	QPSK	1	0	22.2	26.4
				1	12	22.4	26.7
				1	24	22.4	26.5
				12	0	21.3	26.2
				12	6	21.3	25.9
				12	11	21.3	26.0
				25	0	21.3	27.1
			16QAM	1	0	21.6	26.9
				1	12	21.7	26.7
				1	24	21.7	26.6
				12	0	20.3	26.0
				12	6	20.4	25.9
				12	11	20.4	25.9
				25	0	20.2	26.8
5.0	23095	707.5	QPSK	1	0	22.4	26.9
				1	12	22.3	27.0
				1	24	22.3	26.4
				12	0	21.2	26.4
				12	6	21.2	26.5
				12	11	21.2	26.5
				25	0	21.2	27.5
			16QAM	1	0	21.3	26.7
				1	12	21.4	26.9
				1	24	21.2	26.1
				12	0	20.3	26.1
				12	6	20.3	26.2
				12	11	20.4	26.4
				25	0	20.2	27.1
5.0	23155	713.5	QPSK	1	0	22.1	25.8
				1	12	22.1	26.2
				1	24	22.1	26.5
				12	0	21.0	25.6
				12	6	21.1	25.4
				12	11	21.1	25.7
				25	0	21.0	26.6
			16QAM	1	0	21.5	25.8
				1	12	21.6	27.4
				1	24	21.6	26.5
				12	0	20.0	25.7
				12	6	20.0	25.3
				12	11	20.0	25.7
				25	0	20.1	26.3

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23060	704.0	QPSK	1	0	22.2	26.6
				1	24	22.3	26.6
				1	49	22.2	27.0
				25	0	21.2	26.2
				25	12	21.3	26.3
				25	24	21.3	26.5
				50	0	21.2	27.0
			16QAM	1	0	21.5	26.8
				1	24	21.5	26.6
				1	49	21.5	27.1
				25	0	20.2	26.1
				25	12	20.3	26.0
				25	24	20.3	26.4
				50	0	20.2	26.8
10.0	23095	707.5	QPSK	1	0	22.3	26.5
				1	24	22.3	27.0
				1	49	22.0	25.7
				25	0	21.2	26.2
				25	12	21.3	26.4
				25	24	21.1	25.7
				50	0	21.2	27.3
			16QAM	1	0	21.5	26.5
				1	24	21.5	27.2
				1	49	21.2	25.7
				25	0	20.2	26.1
				25	12	20.3	26.3
				25	24	20.2	25.8
				50	0	20.1	26.8
10.0	23130	711.0	QPSK	1	0	22.1	26.7
				1	24	22.2	25.8
				1	49	22.0	26.4
				25	0	21.1	26.0
				25	12	21.1	25.8
				25	24	21.1	25.5
				50	0	21.1	26.9
			16QAM	1	0	21.3	26.8
				1	24	21.2	25.9
				1	49	21.2	26.4
				25	0	20.3	26.4
				25	12	20.2	25.8
				25	24	20.1	25.5
				50	0	20.1	26.5

7.2.6. LTE BAND 13

OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23207	779.5	QPSK	1	0	22.0	26.1
				1	12	22.2	26.4
				1	24	22.0	26.6
				12	0	20.9	26.0
				12	6	21.0	26.2
				12	11	21.0	26.3
				25	0	21.0	26.6
			16QAM	1	0	21.0	25.7
				1	12	21.3	26.5
				1	24	21.3	26.7
				12	0	20.0	26.0
				12	6	20.1	26.1
				12	11	20.0	26.0
				25	0	20.0	26.5
5.0	23230	782.0	QPSK	1	0	22.2	26.6
				1	12	22.4	26.7
				1	24	22.2	26.7
				12	0	21.0	26.2
				12	6	20.9	25.9
				12	11	20.9	26.0
				25	0	20.9	26.2
			16QAM	1	0	21.2	26.6
				1	12	21.2	26.5
				1	24	21.1	26.7
				12	0	20.1	26.0
				12	6	20.0	25.8
				12	11	20.0	25.8
				25	0	20.0	26.0
5.0	23255	784.5	QPSK	1	0	21.9	26.5
				1	12	22.0	26.6
				1	24	22.1	26.7
				12	0	20.8	25.8
				12	6	20.8	25.9
				12	11	21.0	26.1
				25	0	20.9	26.9
			16QAM	1	0	21.3	26.5
				1	12	21.4	26.6
				1	24	21.3	26.8
				12	0	19.8	25.9
				12	6	19.8	25.8
				12	11	19.8	26.1
				25	0	19.9	26.5

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23230	782.0	QPSK	1	0	22.2	25.9
				1	24	22.3	26.8
				1	49	22.2	27.1
				25	0	21.4	26.7
				25	12	21.3	26.5
				25	24	21.2	26.5
				50	0	21.4	27.1
			16QAM	1	0	21.5	26.0
				1	24	21.7	27.0
				1	49	21.5	27.1
				25	0	20.3	26.5
				25	12	20.4	26.4
				25	24	20.2	26.4
				50	0	20.4	26.8

7.2.7. LTE BAND 17

OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23755	706.5	QPSK	1	0	22.3	25.8
				1	12	22.4	26.1
				1	24	22.3	26.6
				12	0	21.3	26.1
				12	6	21.4	26.3
				12	11	21.3	26.3
				25	0	21.3	26.4
			16QAM	1	0	21.4	25.9
				1	12	21.5	26.1
				1	24	21.4	26.7
				12	0	20.4	26.1
				12	6	20.5	26.3
				12	11	20.4	26.3
				25	0	20.4	26.2
5.0	23790	710.0	QPSK	1	0	22.2	26.3
				1	12	22.3	27.0
				1	24	22.2	26.5
				12	0	21.2	26.2
				12	6	21.3	26.4
				12	11	21.3	26.4
				25	0	21.2	26.4
			16QAM	1	0	21.6	26.3
				1	12	21.3	27.1
				1	24	21.6	26.5
				12	0	20.1	26.4
				12	6	20.2	26.4
				12	11	20.2	26.4
				25	0	20.2	26.9
5.0	23825	713.5	QPSK	1	0	22.0	25.6
				1	12	22.2	26.7
				1	24	22.1	25.5
				12	0	21.2	26.0
				12	6	21.2	26.1
				12	11	21.1	26.1
				25	0	21.2	26.7
			16QAM	1	0	21.3	26.2
				1	12	21.4	26.7
				1	24	21.3	25.7
				12	0	20.2	25.7
				12	6	20.2	25.7
				12	11	20.3	26.0
				25	0	20.1	26.4

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23780	709.0	QPSK	1	0	22.2	26.1
				1	24	22.3	27.0
				1	49	22.0	25.9
				25	0	21.3	26.4
				25	12	21.4	26.5
				25	24	21.2	25.9
				50	0	21.2	26.5
			16QAM	1	0	21.5	26.1
				1	24	21.7	27.0
				1	49	21.5	26.7
				25	0	20.3	26.4
				25	12	20.4	26.5
				25	24	20.3	25.9
				50	0	20.2	27.0
10.0	23790	710.0	QPSK	1	0	22.1	26.3
				1	24	22.2	25.8
				1	49	22.0	25.7
				25	0	21.2	26.4
				25	12	21.3	26.1
				25	24	21.2	26.2
				50	0	21.2	26.3
			16QAM	1	0	21.5	26.3
				1	24	21.6	26.1
				1	49	21.3	25.9
				25	0	20.3	26.4
				25	12	20.3	26.1
				25	24	20.2	25.8
				50	0	20.2	26.5
10.0	23800	711.0	QPSK	1	0	22.3	26.2
				1	24	22.3	26.6
				1	49	22.0	26.4
				25	0	21.2	26.5
				25	12	21.2	26.2
				25	24	21.2	25.8
				50	0	21.2	26.8
			16QAM	1	0	21.4	26.3
				1	24	21.6	27.0
				1	49	21.5	26.6
				25	0	20.4	26.4
				25	12	20.4	26.3
				25	24	20.3	25.9
				50	0	20.2	26.5

7.2.8. LTE BAND 25

OUTPUT POWER FOR LTE BAND 25 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26047	1850.7	QPSK	1	0	17.9	21.4
				1	2	17.9	21.2
				1	5	17.7	21.2
				3	0	17.8	21.6
				3	1	17.8	21.4
				3	2	17.8	21.4
				6	0	17.1	21.9
			16QAM	1	0	17.2	21.4
				1	2	17.2	21.3
				1	5	17.1	21.3
				3	0	16.9	21.5
				3	1	17.0	21.5
				3	2	17.0	21.5
				6	0	16.1	21.8
1.4	26365	1882.5	QPSK	1	0	17.9	21.4
				1	2	18.0	21.3
				1	5	18.1	21.5
				3	0	18.0	21.7
				3	1	18.1	21.6
				3	2	18.1	21.7
				6	0	17.1	22.1
			16QAM	1	0	17.2	21.5
				1	2	17.2	21.4
				1	5	17.3	21.5
				3	0	17.1	21.6
				3	1	17.1	21.6
				3	2	17.1	21.6
				6	0	16.3	22.1
1.4	26683	1914.3	QPSK	1	0	17.5	20.9
				1	2	17.4	20.7
				1	5	17.2	20.7
				3	0	17.3	21.0
				3	1	17.3	20.9
				3	2	17.3	20.8
				6	0	16.7	21.5
			16QAM	1	0	16.6	21.0
				1	2	16.5	20.8
				1	5	16.3	20.8
				3	0	16.6	21.2
				3	1	16.6	21.0
				3	2	16.5	21.0
				6	0	15.9	21.5

OUTPUT POWER FOR LTE BAND 25 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26055	1851.5	QPSK	1	0	18.0	21.3
				1	7	17.8	21.0
				1	14	17.6	21.0
				8	0	17.0	21.4
				8	4	16.9	21.3
				8	7	16.9	21.3
				15	0	17.1	21.8
			16QAM	1	0	17.2	21.3
				1	7	17.0	21.1
				1	14	16.9	21.1
				8	0	16.2	21.5
				8	4	16.2	21.4
				8	7	16.2	21.4
				15	0	16.0	21.9
3.0	26365	1882.5	QPSK	1	0	17.9	21.3
				1	7	18.1	21.3
				1	14	18.0	21.6
				8	0	17.1	21.5
				8	4	17.1	21.6
				8	7	17.1	21.6
				15	0	17.1	22.1
			16QAM	1	0	17.2	21.3
				1	7	17.4	21.3
				1	14	17.3	21.6
				8	0	16.3	21.5
				8	4	16.3	21.6
				8	7	16.2	21.7
				15	0	16.2	22.0
3.0	26675	1913.5	QPSK	1	0	18.1	21.4
				1	7	17.5	20.7
				1	14	17.2	20.5
				8	0	17.1	21.5
				8	4	16.8	21.2
				8	7	16.6	21.0
				15	0	17.1	21.8
			16QAM	1	0	17.3	21.6
				1	7	16.9	20.9
				1	14	16.5	20.6
				8	0	16.2	21.8
				8	4	16.2	21.5
				8	7	16.0	21.2
				15	0	16.1	21.8

OUTPUT POWER FOR LTE BAND 25 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	26065	1852.5	QPSK	1	0	17.9	21.2
				1	12	17.6	20.9
				1	24	17.6	21.0
				12	0	16.9	21.2
				12	6	16.8	21.1
				12	11	16.8	21.1
				25	0	16.9	21.9
			16QAM	1	0	17.0	21.2
				1	12	16.8	21.0
				1	24	16.8	21.0
				12	0	16.0	21.3
				12	6	16.0	21.2
				12	11	15.9	21.2
				25	0	15.9	21.8
5.0	26365	1882.5	QPSK	1	0	17.8	21.1
				1	12	18.0	21.3
				1	24	18.2	21.6
				12	0	16.9	21.3
				12	6	17.0	21.4
				12	11	17.0	21.5
				25	0	17.0	22.1
			16QAM	1	0	16.9	21.1
				1	12	17.1	21.2
				1	24	17.1	21.6
				12	0	16.1	21.3
				12	6	16.2	21.4
				12	11	16.1	21.5
				25	0	16.1	21.7
5.0	26665	1912.5	QPSK	1	0	18.3	22.1
				1	12	17.8	21.0
				1	24	17.0	20.4
				12	0	17.1	21.7
				12	6	17.1	21.5
				12	11	16.8	21.1
				25	0	17.0	22.2
			16QAM	1	0	17.6	22.3
				1	12	17.4	21.2
				1	24	16.6	20.5
				12	0	15.9	21.8
				12	6	16.0	21.6
				12	11	15.9	21.4
				25	0	16.0	21.9

OUTPUT POWER FOR LTE BAND 25 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	26090	1855.0	QPSK	1	0	17.9	21.2
				1	24	17.8	21.1
				1	49	18.1	22.0
				25	0	16.9	21.3
				25	12	17.0	21.4
				25	24	17.1	21.7
				50	0	17.1	22.3
			16QAM	1	0	17.1	21.2
				1	24	17.0	21.1
				1	49	17.5	21.9
				25	0	16.0	21.3
				25	12	16.1	21.4
				25	24	16.1	21.8
				50	0	16.1	21.8
10.0	26365	1882.5	QPSK	1	0	17.8	21.1
				1	24	18.0	21.3
				1	49	18.1	22.2
				25	0	17.1	21.4
				25	12	17.2	21.6
				25	24	17.0	21.9
				50	0	17.1	22.1
			16QAM	1	0	17.2	21.2
				1	24	17.3	21.3
				1	49	17.3	22.2
				25	0	16.2	21.5
				25	12	16.2	21.6
				25	24	16.0	21.8
				50	0	16.1	22.2
10.0	26640	1910.0	QPSK	1	0	18.2	21.5
				1	24	18.2	22.2
				1	49	17.1	20.4
				25	0	17.1	22.0
				25	12	17.2	22.1
				25	24	17.2	21.9
				50	0	17.2	22.2
			16QAM	1	0	17.4	21.5
				1	24	17.3	22.4
				1	49	16.5	20.6
				25	0	16.3	22.0
				25	12	16.3	21.9
				25	24	16.2	21.9
				50	0	16.2	22.6

OUTPUT POWER FOR LTE BAND 25 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	26115	1857.5	QPSK	1	0	17.9	21.2
				1	37	18.1	21.6
				1	74	18.1	22.6
				36	0	16.9	21.4
				36	16	17.2	21.8
				36	35	17.2	22.3
				75	0	17.2	22.7
			16-QAM	1	0	17.1	21.2
				1	37	17.4	21.6
				1	74	17.5	22.8
				36	0	16.1	21.4
				36	16	16.3	21.9
				36	35	16.2	22.1
				75	0	16.2	22.4
15.0	26365	1882.5	QPSK	1	0	18.0	21.3
				1	37	18.1	21.3
				1	74	18.2	22.6
				36	0	17.0	21.4
				36	16	17.2	21.6
				36	35	17.2	22.0
				75	0	17.3	22.5
			16-QAM	1	0	17.4	21.4
				1	37	17.3	21.4
				1	74	17.4	22.6
				36	0	16.2	21.5
				36	16	16.3	21.6
				36	35	16.3	22.0
				75	0	16.3	22.5
15.0	26615	1907.5	QPSK	1	0	18.2	21.4
				1	37	18.1	22.0
				1	74	17.2	20.4
				36	0	17.3	21.9
				36	16	17.2	22.2
				36	35	17.2	22.0
				75	0	17.2	22.7
			16-QAM	1	0	17.2	21.5
				1	37	17.2	22.1
				1	74	16.4	20.6
				36	0	16.2	21.9
				36	16	16.2	22.1
				36	35	16.2	22.1
				75	0	16.1	22.6

OUTPUT POWER FOR LTE BAND 25 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	26140	1860.0	QPSK	1	0	17.7	21.0
				1	49	18.1	22.0
				1	99	18.1	22.4
				50	0	17.0	21.6
				50	24	17.3	22.1
				50	49	17.2	22.2
				100	0	17.2	22.4
			16-QAM	1	0	16.8	21.0
				1	49	17.3	22.0
				1	99	17.1	22.5
				50	0	16.1	21.6
				50	24	16.2	22.1
				50	49	16.1	22.1
				100	0	16.2	22.2
20.0	26365	1882.5	QPSK	1	0	18.1	21.6
				1	49	17.9	21.2
				1	99	18.2	22.6
				50	0	17.0	21.4
				50	24	17.2	21.7
				50	49	17.2	22.2
				100	0	17.3	22.3
			16-QAM	1	0	17.3	21.6
				1	49	17.2	21.2
				1	99	17.3	22.8
				50	0	16.1	21.5
				50	24	16.3	21.7
				50	49	16.2	22.2
				100	0	16.3	22.3
20.0	26590	1905.0	QPSK	1	0	18.1	22.4
				1	49	17.9	21.2
				1	99	17.1	20.4
				50	0	17.3	22.0
				50	24	17.2	22.1
				50	49	17.2	22.1
				100	0	17.4	22.8
			16-QAM	1	0	17.3	22.4
				1	49	17.2	21.2
				1	99	16.8	20.6
				50	0	16.2	21.9
				50	24	16.2	22.0
				50	49	16.1	22.2
				100	0	16.3	22.5

7.2.9. LTE BAND 26

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26697	814.7	QPSK	1	0	22.0	26.9
				1	2	22.0	26.9
				1	5	22.0	27.0
				3	0	22.0	27.0
				3	1	22.0	27.1
				3	2	22.0	27.1
			16QAM	6	0	20.9	26.4
				1	0	20.9	26.6
				1	2	21.0	26.8
				1	5	21.0	26.8
				3	0	20.9	27.0
				3	1	20.9	27.0
				3	2	20.9	27.1
				6	0	20.0	26.6
1.4	26740	819.0	QPSK	1	0	22.0	26.8
				1	2	21.9	26.6
				1	5	21.6	25.0
				3	0	21.9	27.1
				3	1	21.9	27.0
				3	2	21.9	27.0
			16QAM	6	0	21.0	26.2
				1	0	21.2	26.7
				1	2	21.2	26.6
				1	5	20.8	25.1
				3	0	20.8	25.4
				3	1	20.8	25.3
				3	2	20.8	25.3
				6	0	20.0	26.4
1.4	26783	823.3	QPSK	1	0	21.9	26.9
				1	2	21.9	26.8
				1	5	22.0	26.9
				3	0	21.9	27.1
				3	1	22.0	27.2
				3	2	22.0	27.2
			16QAM	6	0	20.8	26.5
				1	0	21.2	27.0
				1	2	21.1	26.8
				1	5	21.1	27.0
				3	0	20.8	27.1
				3	1	20.8	27.1
				3	2	20.9	27.1
				6	0	19.9	26.5

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26705	815.5	QPSK	1	0	21.8	26.7
				1	7	22.0	26.8
				1	14	22.0	27.0
				8	0	20.9	26.1
				8	4	21.0	26.1
				8	7	20.9	26.1
				15	0	20.8	26.4
			16QAM	1	0	21.2	26.7
				1	7	21.3	26.7
				1	14	21.1	26.7
				8	0	20.0	25.7
				8	4	20.1	25.8
				8	7	20.0	25.8
				15	0	19.9	26.3
3.0	26740	819.0	QPSK	1	0	21.9	25.3
				1	7	22.0	26.6
				1	14	22.0	26.7
				8	0	21.0	25.4
				8	4	21.0	25.6
				8	7	20.9	25.9
				15	0	21.0	25.9
			16QAM	1	0	21.2	25.5
				1	7	21.3	26.4
				1	14	21.3	26.6
				8	0	20.1	25.4
				8	4	20.1	25.4
				8	7	20.1	25.4
				15	0	20.0	26.1
3.0	26775	822.5	QPSK	1	0	22.0	26.8
				1	7	22.0	26.8
				1	14	22.0	26.9
				8	0	21.0	26.2
				8	4	20.9	26.0
				8	7	20.9	26.1
				15	0	20.9	26.3
			16QAM	1	0	21.2	26.7
				1	7	21.3	27.0
				1	14	21.2	26.9
				8	0	20.0	26.0
				8	4	20.0	25.9
				8	7	20.0	25.9
				15	0	19.9	26.3

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	26715	816.5	QPSK	1	0	21.8	26.6
				1	12	22.0	26.5
				1	24	21.9	26.6
				12	0	20.8	25.8
				12	6	20.9	25.8
				12	11	20.9	25.9
				25	0	20.8	26.9
			16QAM	1	0	21.1	26.6
				1	12	20.9	25.9
				1	24	21.0	26.6
				12	0	19.9	25.7
				12	6	20.0	25.2
				12	11	20.0	25.2
				25	0	19.9	25.7
5.0	26740	819.0	QPSK	1	0	21.8	25.8
				1	12	21.9	26.4
				1	24	21.8	26.6
				12	0	20.8	25.2
				12	6	20.9	25.7
				12	11	20.9	25.9
				25	0	20.8	26.8
			16QAM	1	0	21.3	25.8
				1	12	21.1	27.1
				1	24	21.4	26.8
				12	0	19.7	25.2
				12	6	19.8	25.5
				12	11	19.8	25.8
				25	0	19.8	26.1
5.0	26765	821.5	QPSK	1	0	21.8	26.5
				1	12	21.9	26.7
				1	24	21.8	26.7
				12	0	20.8	26.0
				12	6	20.9	26.0
				12	11	20.8	26.0
				25	0	20.8	26.4
			16QAM	1	0	21.0	26.6
				1	12	21.1	26.7
				1	24	21.0	26.8
				12	0	19.9	25.7
				12	6	20.0	25.8
				12	11	19.8	25.8
				25	0	19.8	26.2

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	26740	819.0	QPSK	1	0	21.9	26.6
				1	24	22.0	26.6
				1	49	21.8	26.6
				25	0	21.0	26.0
				25	12	21.0	26.0
				25	24	20.9	26.0
				50	0	21.0	26.8
			16QAM	1	0	21.2	26.5
				1	24	21.3	26.6
				1	49	21.1	26.5
				25	0	19.9	25.3
				25	12	20.0	25.9
				25	24	19.9	25.8
				50	0	19.9	26.7

7.2.10. LTE BAND 30

OUTPUT POWER FOR LTE BAND 30 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	27685	2307.5	QPSK	1	0	20.2	24.7
				1	12	20.1	24.6
				1	24	20.2	24.9
				12	0	19.0	24.1
				12	6	19.0	24.1
				12	11	19.0	24.1
				25	0	19.0	25.2
			16QAM	1	0	19.2	24.5
				1	12	19.2	24.5
				1	24	19.2	24.6
				12	0	18.1	23.9
				12	6	18.1	23.9
				12	11	18.1	23.9
				25	0	18.0	24.3
5.0	27710	2310.0	QPSK	1	0	20.1	24.6
				1	12	20.2	24.7
				1	24	20.2	24.9
				12	0	19.1	24.0
				12	6	19.1	24.1
				12	11	19.1	24.1
				25	0	19.1	25.1
			16QAM	1	0	19.2	24.7
				1	12	19.3	24.8
				1	24	19.3	25.0
				12	0	17.9	24.0
				12	6	17.9	24.0
				12	11	17.9	24.0
				25	0	18.0	24.7
5.0	27735	2312.5	QPSK	1	0	20.2	24.8
				1	12	20.2	24.7
				1	24	20.1	23.8
				12	0	19.0	24.1
				12	6	19.0	24.1
				12	11	19.0	23.6
				25	0	19.0	24.6
			16QAM	1	0	19.4	24.9
				1	12	19.4	24.9
				1	24	19.4	24.3
				12	0	18.1	24.0
				12	6	18.1	24.0
				12	11	18.1	23.6
				25	0	18.0	24.6

OUTPUT POWER FOR LTE BAND 30 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	27710	2310.0	QPSK	1	0	20.2	24.8
				1	24	20.1	24.8
				1	49	20.0	23.7
				25	0	19.1	24.3
				25	12	19.1	24.4
				25	24	19.1	24.3
				50	0	19.1	24.5
			16QAM	1	0	19.4	24.8
				1	24	19.4	24.8
				1	49	19.4	24.0
				25	0	18.1	24.1
				25	12	18.1	24.2
				25	24	18.1	24.3
				50	0	18.0	25.1

7.2.11. LTE BAND 41

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	39675	2498.5	QPSK	1	0	21.4	24.6
				1	12	21.5	26.1
				1	24	21.5	26.3
				12	0	20.5	25.3
				12	6	20.5	25.3
				12	11	20.5	25.5
				25	0	20.5	26.2
			16QAM	1	0	20.5	25.2
				1	12	20.4	26.4
				1	24	20.6	26.4
				12	0	19.5	24.8
				12	6	19.5	25.0
				12	11	19.5	25.3
				25	0	19.4	26.1
5.0	40620	2593.0	QPSK	1	0	21.4	25.0
				1	12	21.5	26.1
				1	24	21.5	26.4
				12	0	20.5	25.2
				12	6	20.5	25.3
				12	11	20.5	25.5
				25	0	20.5	26.1
			16QAM	1	0	20.4	25.9
				1	12	20.5	26.2
				1	24	20.6	26.4
				12	0	19.5	24.8
				12	6	19.6	25.2
				12	11	19.5	25.3
				25	0	19.4	26.2
5.0	41565	2687.5	QPSK	1	0	21.4	25.0
				1	12	21.5	26.1
				1	24	21.5	26.3
				12	0	20.4	25.4
				12	6	20.5	25.3
				12	11	20.5	25.5
				25	0	20.4	26.3
			16QAM	1	0	20.6	25.6
				1	12	20.4	26.2
				1	24	20.6	26.4
				12	0	19.5	24.8
				12	6	19.5	25.0
				12	11	19.5	25.3
				25	0	19.4	26.2

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	39700	2501.0	QPSK	1	0	21.4	26.2
				1	24	21.5	26.2
				1	49	21.3	26.3
				25	0	20.5	25.4
				25	12	20.5	25.4
				25	24	20.4	25.5
				50	0	20.5	25.8
			16QAM	1	0	20.8	26.4
				1	24	20.9	26.3
				1	49	20.6	26.3
				25	0	19.4	24.8
				25	12	19.4	25.3
				25	24	19.4	25.5
				50	0	19.5	25.9
10.0	40620	2593.0	QPSK	1	0	21.4	26.2
				1	24	21.5	26.1
				1	49	21.3	26.3
				25	0	20.4	25.4
				25	12	20.5	25.4
				25	24	20.4	25.5
				50	0	20.5	26.1
			16QAM	1	0	20.7	26.3
				1	24	20.9	26.3
				1	49	20.7	26.3
				25	0	19.4	24.8
				25	12	19.5	25.3
				25	24	19.4	25.4
				50	0	19.5	26.2
10.0	41540	2685.0	QPSK	1	0	21.4	26.2
				1	24	21.5	26.2
				1	49	21.3	26.3
				25	0	20.5	25.4
				25	12	20.5	25.4
				25	24	20.4	25.5
				50	0	20.5	26.4
			16QAM	1	0	20.7	26.4
				1	24	20.8	26.3
				1	49	20.7	26.4
				25	0	19.4	24.8
				25	12	19.4	25.4
				25	24	19.4	25.4
				50	0	19.4	26.4

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	39725	2503.5	QPSK	1	0	21.4	25.3
				1	37	21.3	25.3
				1	74	21.5	26.0
				36	0	20.4	25.2
				36	16	20.3	24.9
				36	35	20.4	25.7
				75	0	20.1	26.0
			16-QAM	1	0	20.4	26.0
				1	37	20.2	25.3
				1	74	20.4	25.4
				36	0	19.4	25.3
				36	16	19.3	24.9
				36	35	19.3	25.4
				75	0	19.0	25.3
15.0	40620	2593.0	QPSK	1	0	21.5	26.4
				1	37	21.4	26.2
				1	74	21.3	26.1
				36	0	20.4	25.3
				36	16	20.4	25.2
				36	35	20.3	25.0
				75	0	20.4	26.3
			16-QAM	1	0	20.3	25.1
				1	37	20.4	25.1
				1	74	20.3	25.0
				36	0	19.4	25.0
				36	16	19.3	26.0
				36	35	19.3	26.4
				75	0	19.4	26.3
15.0	41515	2682.5	QPSK	1	0	21.4	25.4
				1	37	21.2	25.6
				1	74	21.4	26.1
				36	0	20.4	25.5
				36	16	20.4	25.4
				36	35	20.5	25.5
				75	0	20.4	26.1
			16-QAM	1	0	20.4	25.4
				1	37	20.2	25.5
				1	74	20.4	26.1
				36	0	19.4	25.4
				36	16	19.4	25.4
				36	35	19.4	25.4
				75	0	19.5	26.0

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	39750	2506.0	QPSK	1	0	21.3	24.7
				1	49	21.3	24.7
				1	99	21.5	25.0
				50	0	20.2	24.2
				50	24	20.3	24.8
				50	49	20.5	25.6
				100	0	20.2	26.2
			16-QAM	1	0	20.2	25.2
				1	49	20.3	25.7
				1	99	20.4	26.0
				50	0	19.2	25.2
				50	24	19.2	25.7
				50	49	19.4	26.0
				100	0	19.0	26.0
20.0	40620	2593.0	QPSK	1	0	21.3	25.8
				1	49	21.3	25.9
				1	99	21.4	25.9
				50	0	20.2	25.2
				50	24	20.2	25.5
				50	49	20.3	26.0
				100	0	20.2	26.1
			16-QAM	1	0	20.2	25.8
				1	49	20.3	25.8
				1	99	20.4	25.8
				50	0	19.2	25.0
				50	24	19.2	24.9
				50	49	19.1	24.9
				100	0	19.1	25.6
20.0	41490	2680.0	QPSK	1	0	21.4	25.3
				1	49	21.4	25.3
				1	99	21.5	25.9
				50	0	20.2	25.2
				50	24	20.2	25.2
				50	49	20.2	25.2
				100	0	20.2	25.6
			16-QAM	1	0	20.4	25.3
				1	49	20.3	25.3
				1	99	20.5	26.0
				50	0	19.2	25.3
				50	24	19.2	25.2
				50	49	19.1	25.2
				100	0	19.2	25.6

7.3.MODEL: A1687 (LAT)

7.3.1. LTE BAND 2

OUTPUT POWER FOR LTE BAND 2 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	18607	1850.7	QPSK	1	0	23.3	27.1
				1	2	23.3	26.9
				1	5	23.3	27.4
				3	0	23.3	28.2
				3	1	23.5	28.6
				3	2	23.2	28.4
				6	0	22.3	27.5
			16QAM	1	0	22.5	28.4
				1	2	22.6	28.4
				1	5	22.7	28.7
				3	0	22.6	28.8
				3	1	22.6	28.8
				3	2	22.6	28.7
				6	0	21.4	28.1
1.4	18900	1880.0	QPSK	1	0	23.2	26.8
				1	2	23.4	26.9
				1	5	23.3	27.0
				3	0	23.3	27.3
				3	1	23.4	27.3
				3	2	23.3	27.2
				6	0	22.4	27.3
			16QAM	1	0	22.6	27.0
				1	2	22.8	27.7
				1	5	22.7	28.3
				3	0	22.8	29.0
				3	1	22.7	28.8
				3	2	22.7	28.7
				6	0	21.4	27.4
1.4	19193	1909.3	QPSK	1	0	23.3	27.5
				1	2	23.5	27.7
				1	5	23.3	27.5
				3	0	23.3	27.7
				3	1	23.4	27.6
				3	2	23.4	27.6
				6	0	22.2	27.7
			16QAM	1	0	22.5	27.5
				1	2	22.5	27.5
				1	5	22.5	27.6
				3	0	22.3	27.7
				3	1	22.3	27.7
				3	2	22.5	27.9
				6	0	21.4	27.8

OUTPUT POWER FOR LTE BAND 2 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	18615	1851.5	QPSK	1	0	23.5	27.8
				1	7	23.4	27.5
				1	14	23.3	27.4
				8	0	22.4	27.5
				8	4	22.5	27.6
				8	7	22.2	27.1
				15	0	22.4	27.5
			16QAM	1	0	22.7	28.2
				1	7	22.7	27.8
				1	14	22.7	27.7
				8	0	21.6	27.5
				8	4	21.6	27.3
				8	7	21.6	27.1
				15	0	21.5	27.9
3.0	18900	1880.0	QPSK	1	0	23.2	26.8
				1	7	23.4	26.9
				1	14	23.3	27.0
				8	0	22.4	27.1
				8	4	22.5	27.2
				8	7	22.4	27.2
				15	0	22.4	27.5
			16QAM	1	0	22.7	27.3
				1	7	22.6	26.8
				1	14	22.4	26.9
				8	0	21.6	27.1
				8	4	21.5	27.1
				8	7	21.4	27.0
				15	0	21.3	27.3
3.0	19185	1908.5	QPSK	1	0	23.3	27.5
				1	7	23.5	27.2
				1	14	23.2	27.4
				8	0	22.2	27.0
				8	4	22.3	27.0
				8	7	22.2	27.0
				15	0	22.2	27.7
			16QAM	1	0	22.5	27.4
				1	7	22.4	27.0
				1	14	22.3	26.9
				8	0	21.5	27.2
				8	4	21.3	26.7
				8	7	21.6	27.1
				15	0	21.2	27.1

OUTPUT POWER FOR LTE BAND 2 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak(dBm)
				Size	Offset		
5.0	18625	1852.5	QPSK	1	0	23.5	27.0
				1	12	23.4	26.9
				1	24	23.3	26.9
				12	0	22.4	27.1
				12	6	22.5	27.1
				12	11	22.2	26.9
				25	0	22.4	27.5
			16QAM	1	0	22.7	26.9
				1	12	22.7	26.9
				1	24	22.7	27.0
				12	0	21.6	27.1
				12	6	21.6	27.1
				12	11	21.6	27.1
				25	0	21.5	27.4
5.0	18900	1880.0	QPSK	1	0	23.2	26.9
				1	12	23.4	27.0
				1	24	23.3	27.2
				12	0	22.4	27.2
				12	6	22.5	27.3
				12	11	22.4	27.3
				25	0	22.4	28.0
			16QAM	1	0	22.7	27.1
				1	12	22.6	27.0
				1	24	22.4	27.1
				12	0	21.6	27.3
				12	6	21.5	27.2
				12	11	21.4	27.1
				25	0	21.3	27.2
5.0	19175	1907.5	QPSK	1	0	23.3	27.4
				1	12	23.5	27.5
				1	24	23.2	27.0
				12	0	22.2	27.2
				12	6	22.3	26.7
				12	11	22.2	26.6
				25	0	22.2	27.7
			16QAM	1	0	22.5	27.4
				1	12	22.4	28.8
				1	24	22.3	26.9
				12	0	21.5	27.3
				12	6	21.3	26.7
				12	11	21.6	26.9
				25	0	21.2	27.0

OUTPUT POWER FOR LTE BAND 2 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	18650	1855.0	QPSK	1	0	23.4	27.9
				1	24	23.4	26.9
				1	49	23.3	27.3
				25	0	22.5	27.0
				25	12	22.5	27.2
				25	24	22.2	27.0
				50	0	22.4	27.6
			16QAM	1	0	22.8	28.3
				1	24	22.8	27.8
				1	49	22.7	27.4
				25	0	21.5	27.1
				25	12	21.5	27.2
				25	24	21.4	27.3
				50	0	21.4	27.6
10.0	18900	1880.0	QPSK	1	0	23.3	26.9
				1	24	23.3	27.0
				1	49	23.4	27.4
				25	0	22.4	27.1
				25	12	22.6	27.3
				25	24	22.4	27.3
				50	0	22.5	27.6
			16QAM	1	0	22.8	27.2
				1	24	22.5	27.0
				1	49	22.4	27.3
				25	0	21.6	27.3
				25	12	21.5	27.2
				25	24	21.4	27.2
				50	0	21.3	27.4
10.0	19150	1905.0	QPSK	1	0	23.4	27.2
				1	24	23.5	27.5
				1	49	23.2	27.1
				25	0	22.3	27.3
				25	12	22.3	27.3
				25	24	22.3	27.3
				50	0	22.3	27.8
			16QAM	1	0	22.6	27.2
				1	24	22.4	27.4
				1	49	22.6	27.6
				25	0	21.4	27.3
				25	12	21.4	27.3
				25	24	21.5	27.0
				50	0	21.2	27.7

OUTPUT POWER FOR LTE BAND 2 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	18675	1857.5	QPSK	1	0	23.3	27.1
				1	37	23.4	27.2
				1	74	23.4	27.8
				36	0	22.5	27.7
				36	16	22.5	27.1
				36	35	22.3	27.2
				75	0	22.5	28.0
			16-QAM	1	0	22.7	28.2
				1	37	22.8	27.6
				1	74	22.9	27.9
				36	0	21.4	27.1
				36	16	21.6	27.1
				36	35	21.5	27.4
				75	0	21.5	27.9
15.0	18900	1880.0	QPSK	1	0	23.1	27.0
				1	37	23.3	27.0
				1	74	23.3	27.2
				36	0	22.4	27.1
				36	16	22.5	27.2
				36	35	22.5	27.3
				75	0	22.4	27.9
			16-QAM	1	0	22.5	27.3
				1	37	22.8	27.9
				1	74	22.4	26.8
				36	0	21.5	27.2
				36	16	21.4	27.1
				36	35	21.4	27.2
				75	0	21.3	27.6
15.0	19125	1902.5	QPSK	1	0	23.2	26.8
				1	37	23.2	27.2
				1	74	23.2	27.2
				36	0	22.3	27.5
				36	16	22.3	27.2
				36	35	22.3	27.3
				75	0	22.2	27.9
			16-QAM	1	0	22.3	27.3
				1	37	22.4	27.1
				1	74	22.1	27.0
				36	0	21.4	27.4
				36	16	21.3	27.2
				36	35	21.5	27.5
				75	0	21.1	27.6

OUTPUT POWER FOR LTE BAND 2 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	18700	1860.0	QPSK	1	0	23.5	27.2
				1	49	23.4	27.4
				1	99	23.5	27.8
				50	0	22.5	27.2
				50	24	22.5	27.5
				50	49	22.3	27.5
				100	0	22.4	27.7
			16-QAM	1	0	22.4	26.9
				1	49	22.5	27.4
				1	99	22.6	28.0
				50	0	21.4	27.2
				50	24	21.5	27.5
				50	49	21.5	27.6
				100	0	21.4	27.7
20.0	18900	1880.0	QPSK	1	0	23.2	27.4
				1	49	23.4	27.0
				1	99	23.4	27.1
				50	0	22.4	27.3
				50	24	22.6	27.4
				50	49	22.4	27.5
				100	0	22.4	28.1
			16-QAM	1	0	22.7	27.8
				1	49	22.8	27.1
				1	99	22.7	27.0
				50	0	21.5	27.4
				50	24	21.4	27.2
				50	49	21.3	27.4
				100	0	21.3	27.7
20.0	19100	1900.0	QPSK	1	0	23.2	27.1
				1	49	23.5	27.4
				1	99	23.0	26.6
				50	0	22.3	27.0
				50	24	22.3	27.4
				50	49	22.3	27.4
				100	0	22.3	28.1
			16-QAM	1	0	22.8	27.1
				1	49	22.8	27.3
				1	99	22.8	27.0
				50	0	21.3	26.9
				50	24	21.3	27.3
				50	49	21.4	27.5
				100	0	21.3	27.6

7.3.2. LTE BAND 4

OUTPUT POWER FOR LTE BAND 4 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	19957	1710.7	QPSK	1	0	23.6	27.5
				1	2	23.6	27.3
				1	5	23.6	27.4
				3	0	23.4	27.6
				3	1	23.5	27.5
				3	2	23.3	27.3
				6	0	22.9	27.8
			16QAM	1	0	22.5	27.4
				1	2	22.5	27.3
				1	5	22.5	27.5
				3	0	22.6	27.5
				3	1	22.7	27.5
				3	2	22.7	27.5
				6	0	21.7	27.7
1.4	20175	1732.5	QPSK	1	0	23.2	27.5
				1	2	23.4	27.6
				1	5	23.3	27.6
				3	0	23.3	27.8
				3	1	23.5	27.8
				3	2	23.4	27.7
				6	0	22.4	27.8
			16QAM	1	0	22.6	27.7
				1	2	22.8	27.5
				1	5	22.7	27.5
				3	0	22.8	27.9
				3	1	22.7	27.7
				3	2	22.6	27.7
				6	0	21.5	27.5
1.4	20393	1754.3	QPSK	1	0	23.2	27.7
				1	2	23.4	27.8
				1	5	23.2	27.7
				3	0	23.2	27.8
				3	1	23.2	27.8
				3	2	23.2	27.8
				6	0	22.3	27.7
			16QAM	1	0	22.4	27.8
				1	2	22.5	27.7
				1	5	22.5	27.9
				3	0	22.2	27.9
				3	1	22.3	27.9
				3	2	22.5	28.1
				6	0	21.4	27.8

OUTPUT POWER FOR LTE BAND 4 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	19965	1711.5	QPSK	1	0	23.6	27.4
				1	7	23.4	27.3
				1	14	23.5	27.4
				8	0	22.4	27.2
				8	4	22.5	27.2
				8	7	22.2	27.0
			16QAM	15	0	22.4	27.4
				1	0	22.6	27.2
				1	7	22.9	27.2
				1	14	22.6	27.5
				8	0	21.6	27.0
				8	4	21.6	26.9
				8	7	21.6	27.0
				15	0	21.5	27.6
3.0	20175	1732.5	QPSK	1	0	23.4	27.4
				1	7	23.6	27.4
				1	14	23.4	27.4
				8	0	22.4	27.2
				8	4	22.5	27.3
				8	7	22.4	27.2
			16QAM	15	0	22.4	27.7
				1	0	22.8	27.6
				1	7	22.8	27.4
				1	14	22.5	27.3
				8	0	21.7	27.2
				8	4	21.6	27.1
				8	7	21.5	27.0
				15	0	21.4	27.6
3.0	20385	1753.5	QPSK	1	0	23.5	27.6
				1	7	23.9	27.8
				1	14	23.5	27.7
				8	0	22.3	27.2
				8	4	22.3	27.1
				8	7	22.3	27.1
			16QAM	15	0	22.3	27.4
				1	0	22.6	27.6
				1	7	22.8	27.7
				1	14	22.5	27.7
				8	0	21.4	27.1
				8	4	21.4	27.1
				8	7	21.6	27.3
				15	0	21.4	27.6

OUTPUT POWER FOR LTE BAND 4 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	19975	1712.5	QPSK	1	0	23.5	27.6
				1	12	23.6	27.5
				1	24	23.5	27.7
				12	0	22.4	27.3
				12	6	22.5	27.3
				12	11	22.2	27.1
				25	0	22.4	28.0
			16QAM	1	0	22.8	27.4
				1	12	22.7	27.5
				1	24	22.8	27.8
				12	0	21.5	27.1
				12	6	21.5	27.1
				12	11	21.5	27.1
				25	0	21.4	27.8
5.0	20175	1732.5	QPSK	1	0	23.5	27.6
				1	12	23.6	27.6
				1	24	23.6	27.6
				12	0	22.4	27.4
				12	6	22.6	27.4
				12	11	22.5	27.4
				25	0	22.4	27.6
			16QAM	1	0	22.7	27.8
				1	12	22.5	27.5
				1	24	22.4	27.5
				12	0	21.6	27.3
				12	6	21.6	27.2
				12	11	21.5	27.2
				25	0	21.4	27.2
5.0	20375	1752.5	QPSK	1	0	23.5	27.6
				1	12	23.6	27.9
				1	24	23.5	27.8
				12	0	22.3	27.1
				12	6	22.3	27.0
				12	11	22.3	27.1
				25	0	22.3	27.4
			16QAM	1	0	22.9	27.6
				1	12	22.9	27.8
				1	24	22.9	27.9
				12	0	21.2	27.1
				12	6	21.3	27.0
				12	11	21.4	27.3
				25	0	21.4	27.6

OUTPUT POWER FOR LTE BAND 4 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20000	1715.0	QPSK	1	0	23.7	27.5
				1	24	23.4	27.7
				1	49	23.3	27.7
				25	0	22.4	27.3
				25	12	22.5	27.3
				25	24	22.2	27.1
				50	0	22.4	27.5
			16QAM	1	0	22.9	27.3
				1	24	22.6	27.6
				1	49	22.7	27.8
				25	0	21.5	27.2
				25	12	21.5	27.2
				25	24	21.5	27.2
				50	0	21.4	27.7
10.0	20175	1732.5	QPSK	1	0	23.5	27.5
				1	24	23.6	27.6
				1	49	23.5	27.4
				25	0	22.5	27.4
				25	12	22.5	27.4
				25	24	22.5	27.4
				50	0	22.4	27.8
			16QAM	1	0	23.0	27.8
				1	24	22.7	27.6
				1	49	22.5	27.3
				25	0	21.6	27.4
				25	12	21.5	27.2
				25	24	21.4	27.1
				50	0	21.3	27.6
10.0	20350	1750.0	QPSK	1	0	23.6	27.3
				1	24	23.7	27.8
				1	49	23.3	27.7
				25	0	22.3	27.2
				25	12	22.4	27.1
				25	24	22.3	27.3
				50	0	22.3	27.9
			16QAM	1	0	22.6	27.4
				1	24	22.6	27.6
				1	49	22.6	27.7
				25	0	21.4	27.3
				25	12	21.5	27.1
				25	24	21.6	27.3
				50	0	21.3	27.6

OUTPUT POWER FOR LTE BAND 4 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20025	1717.5	QPSK	1	0	23.5	27.6
				1	37	23.4	27.7
				1	74	23.4	27.7
				36	0	22.5	27.4
				36	16	22.5	27.3
				36	35	22.2	27.1
				75	0	22.4	28.0
			16-QAM	1	0	22.9	27.4
				1	37	22.4	27.5
				1	74	22.8	27.8
				36	0	21.5	27.3
				36	16	21.6	27.3
				36	35	21.5	27.2
				75	0	21.5	27.8
15.0	20175	1732.5	QPSK	1	0	23.3	27.6
				1	37	23.4	27.6
				1	74	23.3	27.4
				36	0	22.5	27.4
				36	16	22.5	27.4
				36	35	22.5	27.4
				75	0	22.4	28.0
			16-QAM	1	0	22.6	27.7
				1	37	22.7	27.5
				1	74	22.4	27.3
				36	0	21.6	27.4
				36	16	21.4	27.1
				36	35	21.4	27.2
				75	0	21.4	27.6
15.0	20325	1747.5	QPSK	1	0	23.4	27.3
				1	37	23.6	27.6
				1	74	23.2	27.4
				36	0	22.4	27.3
				36	16	22.3	27.1
				36	35	22.3	27.2
				75	0	22.3	27.8
			16-QAM	1	0	22.3	27.4
				1	37	22.3	27.5
				1	74	22.3	27.6
				36	0	21.5	27.3
				36	16	21.4	27.1
				36	35	21.6	27.3
				75	0	21.3	27.5

OUTPUT POWER FOR LTE BAND 4 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20050	1720.0	QPSK	1	0	23.4	27.5
				1	49	23.4	27.7
				1	99	23.4	27.7
				50	0	22.5	27.3
				50	24	22.5	27.2
				50	49	22.2	27.1
				100	0	22.4	27.3
			16-QAM	1	0	22.4	27.5
				1	49	22.5	27.7
				1	99	22.6	27.8
				50	0	21.5	27.2
				50	24	21.5	27.1
				50	49	21.4	27.2
				100	0	21.5	27.4
20.0	20175	1732.5	QPSK	1	0	23.2	27.5
				1	49	23.4	27.6
				1	99	23.4	27.3
				50	0	22.5	27.4
				50	24	22.6	27.3
				50	49	22.5	27.4
				100	0	22.4	27.6
			16-QAM	1	0	23.0	27.8
				1	49	22.9	27.5
				1	99	22.7	27.2
				50	0	21.6	27.4
				50	24	21.5	27.2
				50	49	21.3	27.2
				100	0	21.4	27.3
20.0	20300	1745.0	QPSK	1	0	23.3	27.4
				1	49	23.4	27.5
				1	99	23.2	27.6
				50	0	22.4	27.3
				50	24	22.3	27.2
				50	49	22.3	27.3
				100	0	22.3	27.7
			16-QAM	1	0	22.8	27.4
				1	49	22.7	27.3
				1	99	22.7	27.7
				50	0	21.4	27.2
				50	24	21.3	27.0
				50	49	21.5	27.3
				100	0	21.4	27.5

7.3.3. LTE BAND 5

OUTPUT POWER FOR LTE BAND 5 (1.4MHZz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	20407	824.7	QPSK	1	0	23.8	28.3
				1	2	23.8	28.4
				1	5	23.7	28.2
				3	0	23.5	28.0
				3	1	23.6	27.5
				3	2	23.3	27.5
				6	0	22.5	27.7
			16QAM	1	0	22.7	28.0
				1	2	22.6	27.8
				1	5	22.8	28.6
				3	0	22.5	27.6
				3	1	22.6	27.6
				3	2	22.6	28.1
				6	0	21.6	27.7
1.4	20525	836.5	QPSK	1	0	23.3	27.5
				1	2	23.5	27.6
				1	5	23.4	27.6
				3	0	23.4	27.8
				3	1	23.5	27.9
				3	2	23.4	27.8
				6	0	22.4	27.6
			16QAM	1	0	22.6	27.8
				1	2	22.6	27.5
				1	5	22.5	27.4
				3	0	22.5	27.9
				3	1	22.5	27.8
				3	2	22.4	27.7
				6	0	21.4	27.7
1.4	20643	848.3	QPSK	1	0	23.6	28.3
				1	2	23.8	28.4
				1	5	23.7	28.0
				3	0	23.4	28.3
				3	1	23.4	28.3
				3	2	23.4	28.3
				6	0	22.3	28.0
			16QAM	1	0	22.6	28.3
				1	2	22.9	28.2
				1	5	22.6	28.1
				3	0	22.2	28.4
				3	1	22.3	28.4
				3	2	22.5	28.6
				6	0	21.4	28.2

OUTPUT POWER FOR LTE BAND 5 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	20415	825.5	QPSK	1	0	23.6	27.7
				1	7	23.6	27.5
				1	14	23.7	28.2
				8	0	22.4	27.3
				8	4	22.5	27.3
				8	7	22.3	27.1
				15	0	22.4	27.8
			16QAM	1	0	22.7	27.4
				1	7	22.9	28.0
				1	14	22.8	27.4
				8	0	21.5	27.3
				8	4	21.5	27.3
				8	7	21.5	27.3
				15	0	21.5	27.5
3.0	20525	836.5	QPSK	1	0	23.3	27.5
				1	7	23.5	27.4
				1	14	23.5	27.4
				8	0	22.3	27.4
				8	4	22.5	27.6
				8	7	22.4	27.5
				15	0	22.4	27.5
			16QAM	1	0	22.5	27.7
				1	7	22.8	27.4
				1	14	22.5	27.3
				8	0	21.6	27.4
				8	4	21.5	27.3
				8	7	21.5	27.4
				15	0	21.3	27.6
3.0	20635	847.5	QPSK	1	0	23.3	28.2
				1	7	23.8	28.4
				1	14	23.4	27.9
				8	0	22.2	27.4
				8	4	22.3	27.6
				8	7	22.2	27.5
				15	0	22.2	28.0
			16QAM	1	0	22.6	28.1
				1	7	23.0	28.2
				1	14	22.7	28.0
				8	0	21.4	27.4
				8	4	21.4	27.5
				8	7	21.6	27.7
				15	0	21.3	27.8

OUTPUT POWER FOR LTE BAND 5 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20425	826.5	QPSK	1	0	23.6	27.5
				1	12	23.7	27.7
				1	24	23.7	27.5
				12	0	22.5	27.3
				12	6	22.6	27.4
				12	11	22.3	27.3
				25	0	22.5	27.7
			16QAM	1	0	22.8	27.4
				1	12	23.0	28.0
				1	24	22.9	27.6
				12	0	21.5	27.4
				12	6	21.6	27.5
				12	11	21.5	27.5
				25	0	21.5	27.6
5.0	20525	836.5	QPSK	1	0	23.4	27.6
				1	12	23.7	27.5
				1	24	23.7	27.3
				12	0	22.4	27.6
				12	6	22.6	27.8
				12	11	22.5	27.6
				25	0	22.4	27.8
			16QAM	1	0	22.7	27.8
				1	12	22.6	27.5
				1	24	22.5	27.2
				12	0	21.6	27.6
				12	6	21.6	27.5
				12	11	21.5	27.5
				25	0	21.4	27.7
5.0	20625	846.5	QPSK	1	0	23.5	28.5
				1	12	23.6	28.5
				1	24	23.5	28.0
				12	0	22.2	27.4
				12	6	22.4	27.5
				12	11	22.3	27.5
				25	0	22.3	27.6
			16QAM	1	0	22.7	28.3
				1	12	22.7	28.5
				1	24	22.9	28.1
				12	0	21.2	27.5
				12	6	21.3	27.5
				12	11	21.5	27.8
				25	0	21.3	27.8

OUTPUT POWER FOR LTE BAND 5 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20450	829.0	QPSK	1	0	23.5	27.2
				1	24	23.6	27.5
				1	49	23.4	27.6
				25	0	22.5	27.5
				25	12	22.6	27.5
				25	24	22.3	27.4
				50	0	22.5	28.0
			16QAM	1	0	22.8	27.5
				1	24	22.9	27.5
				1	49	22.9	27.7
				25	0	21.5	27.4
				25	12	21.5	27.5
				25	24	21.5	27.5
				50	0	21.4	27.6
10.0	20525	836.5	QPSK	1	0	23.3	27.4
				1	24	23.7	27.6
				1	49	23.5	28.4
				25	0	22.3	27.5
				25	12	22.6	27.7
				25	24	22.5	27.4
				50	0	22.5	27.7
			16QAM	1	0	22.8	27.6
				1	24	22.9	27.5
				1	49	22.5	28.2
				25	0	21.5	27.5
				25	12	21.5	27.4
				25	24	21.4	27.4
				50	0	21.3	27.5
10.0	20600	844.0	QPSK	1	0	23.3	27.1
				1	24	23.7	28.7
				1	49	23.3	28.0
				25	0	22.3	27.7
				25	12	22.4	27.6
				25	24	22.3	27.7
				50	0	22.3	28.3
			16QAM	1	0	22.4	27.1
				1	24	22.9	28.7
				1	49	22.7	28.1
				25	0	21.3	27.0
				25	12	21.4	27.3
				25	24	21.6	27.9
				50	0	21.3	28.3

7.3.4. LTE BAND 7

OUTPUT POWER FOR LTE BAND 7 (5.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20775	2502.5	QPSK	1	0	22.2	26.0
				1	12	22.2	25.8
				1	24	22.3	26.2
				12	0	21.4	25.9
				12	6	21.3	25.6
				12	11	21.1	25.4
				25	0	21.3	26.4
			16QAM	1	0	21.4	26.3
				1	12	21.6	26.6
				1	24	21.5	26.5
				12	0	20.4	25.5
				12	6	20.4	25.4
				12	11	20.4	25.5
				25	0	20.3	25.7
5.0	21100	2535.0	QPSK	1	0	22.0	26.7
				1	12	22.3	26.7
				1	24	22.2	26.8
				12	0	21.2	26.2
				12	6	21.3	26.2
				12	11	21.2	26.1
				25	0	21.2	27.2
			16QAM	1	0	21.6	27.0
				1	12	21.5	27.5
				1	24	21.4	26.8
				12	0	20.1	26.2
				12	6	20.2	26.1
				12	11	20.0	26.0
				25	0	20.1	26.5
5.0	21425	2567.5	QPSK	1	0	22.1	25.8
				1	12	22.4	25.8
				1	24	22.1	25.7
				12	0	21.2	25.7
				12	6	21.2	25.6
				12	11	21.2	25.6
				25	0	21.2	26.5
			16QAM	1	0	21.4	25.8
				1	12	21.5	25.6
				1	24	21.5	25.7
				12	0	20.3	25.7
				12	6	20.3	25.6
				12	11	20.5	25.8
				25	0	20.2	26.2

OUTPUT POWER FOR LTE BAND 7 (10.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20800	2505.0	QPSK	1	0	22.2	26.1
				1	24	22.3	26.2
				1	49	22.1	26.7
				25	0	21.2	25.4
				25	12	21.3	25.4
				25	24	21.1	25.7
				50	0	21.2	25.8
			16QAM	1	0	21.5	26.7
				1	24	21.5	26.3
				1	49	21.6	26.9
				25	0	20.2	25.5
				25	12	20.3	25.4
				25	24	20.2	25.4
				50	0	20.1	25.8
10.0	21100	2535.0	QPSK	1	0	22.0	26.7
				1	24	22.2	26.7
				1	49	22.0	26.1
				25	0	21.0	26.2
				25	12	21.2	26.3
				25	24	21.2	25.9
				50	0	21.1	26.6
			16QAM	1	0	21.5	26.9
				1	24	21.4	26.7
				1	49	21.2	26.2
				25	0	20.2	25.8
				25	12	20.2	25.7
				25	24	20.0	25.3
				50	0	20.0	27.0
10.0	21400	2565.0	QPSK	1	0	22.1	25.8
				1	24	22.3	25.9
				1	49	21.9	25.6
				25	0	21.1	25.7
				25	12	21.1	25.6
				25	24	21.0	25.7
				50	0	21.1	25.9
			16QAM	1	0	21.2	25.8
				1	24	21.3	25.7
				1	49	21.3	25.7
				25	0	20.2	25.7
				25	12	20.2	25.6
				25	24	20.4	25.8
				50	0	20.1	26.1

OUTPUT POWER FOR LTE BAND 7 (15.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20825	2507.5	QPSK	1	0	22.2	25.9
				1	37	22.2	26.4
				1	74	22.1	26.4
				36	0	21.2	25.5
				36	16	21.1	25.4
				36	35	21.0	26.0
				75	0	21.1	26.5
			16-QAM	1	0	21.4	26.4
				1	37	21.2	25.8
				1	74	21.5	26.7
				36	0	20.2	25.5
				36	16	20.2	25.5
				36	35	20.4	26.2
				75	0	20.1	26.3
15.0	21100	2535.0	QPSK	1	0	21.7	25.4
				1	37	22.1	26.7
				1	74	21.9	25.3
				36	0	21.1	26.1
				36	16	21.2	26.2
				36	35	21.2	26.0
				75	0	21.1	27.2
			16-QAM	1	0	21.1	25.2
				1	37	21.1	26.8
				1	74	21.1	25.2
				36	0	20.2	25.9
				36	16	20.1	25.7
				36	35	20.0	25.3
				75	0	20.0	26.4
15.0	21375	2562.5	QPSK	1	0	22.0	25.7
				1	37	22.2	25.8
				1	74	21.9	25.6
				36	0	21.2	25.8
				36	16	21.2	25.6
				36	35	21.1	25.6
				75	0	21.1	26.3
			16-QAM	1	0	20.9	25.6
				1	37	21.1	25.7
				1	74	20.8	25.6
				36	0	20.2	25.7
				36	16	20.2	25.6
				36	35	20.3	25.8
				75	0	20.0	26.0

OUTPUT POWER FOR LTE BAND 7 (20.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20850	2510.0	QPSK	1	0	22.2	26.7
				1	49	22.2	27.1
				1	99	22.1	27.0
				50	0	21.1	26.3
				50	24	21.2	25.9
				50	49	21.1	26.5
				100	0	20.9	25.8
			16-QAM	1	0	21.1	26.3
				1	49	21.1	26.6
				1	99	21.2	27.1
				50	0	20.1	26.0
				50	24	20.4	25.1
				50	49	20.3	26.7
				100	0	20.0	25.4
20.0	21100	2535.0	QPSK	1	0	21.9	27.0
				1	49	22.1	27.1
				1	99	22.0	26.6
				50	0	21.0	26.7
				50	24	21.4	25.6
				50	49	21.2	26.7
				100	0	21.1	25.9
			16-QAM	1	0	21.0	27.1
				1	49	21.0	26.9
				1	99	20.8	26.1
				50	0	20.1	26.6
				50	24	20.7	25.7
				50	49	20.1	25.6
				100	0	20.9	25.5
20.0	21350	2560.0	QPSK	1	0	22.0	26.6
				1	49	22.3	26.7
				1	99	22.1	26.6
				50	0	21.1	26.0
				50	24	21.2	25.6
				50	49	21.2	25.6
				100	0	21.4	25.5
			16-QAM	1	0	21.0	26.5
				1	49	21.1	26.5
				1	99	21.1	26.6
				50	0	20.2	25.8
				50	24	19.9	26.3
				50	49	20.1	26.6
				100	0	19.9	26.6

7.3.5. LTE BAND 12

OUTPUT POWER FOR LTE BAND 12 (1.4MHZz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	23017	699.7	QPSK	1	0	23.3	27.5
				1	2	23.2	27.3
				1	5	23.2	27.3
				3	0	23.1	27.5
				3	1	23.2	27.5
				3	2	23.0	27.3
			16QAM	6	0	22.1	27.3
				1	0	22.2	27.4
				1	2	22.3	27.3
				1	5	22.3	27.4
				3	0	22.1	27.5
				3	1	22.1	27.5
				3	2	22.1	27.4
				6	0	21.2	27.6
1.4	23095	707.5	QPSK	1	0	22.9	26.9
				1	2	23.1	27.1
				1	5	23.2	27.3
				3	0	23.1	27.4
				3	1	23.3	27.5
				3	2	23.2	27.4
			16QAM	6	0	22.2	27.4
				1	0	22.3	27.1
				1	2	22.3	27.0
				1	5	22.2	27.1
				3	0	22.2	27.3
				3	1	22.2	27.2
				3	2	22.2	27.2
				6	0	21.2	27.4
1.4	23173	715.3	QPSK	1	0	22.9	26.8
				1	2	23.9	28.4
				1	5	23.2	27.8
				3	0	23.0	27.0
				3	1	23.0	26.8
				3	2	23.0	26.8
			16QAM	6	0	22.0	27.1
				1	0	22.3	26.8
				1	2	22.3	26.7
				1	5	22.2	26.5
				3	0	22.1	27.0
				3	1	22.0	26.9
				3	2	22.2	27.0
				6	0	21.3	27.4

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	23025	700.5	QPSK	1	0	23.4	27.4
				1	7	23.3	27.2
				1	14	23.4	27.0
				8	0	22.2	27.1
				8	4	22.3	27.0
				8	7	22.1	26.9
				15	0	22.3	27.6
			16QAM	1	0	22.4	27.4
				1	7	22.7	27.2
				1	14	22.6	27.1
				8	0	21.4	26.9
				8	4	21.5	26.9
				8	7	21.4	26.9
				15	0	21.3	27.5
3.0	23095	707.5	QPSK	1	0	23.0	26.9
				1	7	23.4	27.1
				1	14	23.2	27.4
				8	0	22.2	27.1
				8	4	22.3	27.3
				8	7	22.2	27.1
				15	0	22.1	27.5
			16QAM	1	0	22.4	27.0
				1	7	22.4	27.0
				1	14	22.3	27.2
				8	0	21.4	27.0
				8	4	21.4	27.0
				8	7	21.3	26.9
				15	0	21.1	27.2
3.0	23165	714.5	QPSK	1	0	23.3	27.3
				1	7	23.6	27.0
				1	14	23.2	27.2
				8	0	22.1	27.0
				8	4	22.1	26.8
				8	7	22.0	26.8
				15	0	22.1	27.2
			16QAM	1	0	22.4	27.3
				1	7	22.6	27.0
				1	14	22.4	27.2
				8	0	21.2	26.9
				8	4	21.2	26.9
				8	7	21.4	27.1
				15	0	21.2	27.2

OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23035	701.5	QPSK	1	0	23.5	27.6
				1	12	23.3	27.1
				1	24	23.4	26.9
				12	0	22.2	27.1
				12	6	22.3	27.2
				12	11	22.1	26.9
				25	0	22.2	27.8
			16QAM	1	0	22.5	27.5
				1	12	22.7	27.1
				1	24	22.7	27.1
				12	0	21.3	27.0
				12	6	21.3	27.0
				12	11	21.3	27.0
				25	0	21.2	27.6
5.0	23095	707.5	QPSK	1	0	23.1	27.0
				1	12	23.5	27.2
				1	24	23.5	27.6
				12	0	22.1	27.1
				12	6	22.3	27.2
				12	11	22.2	27.3
				25	0	22.1	27.3
			16QAM	1	0	22.4	27.2
				1	12	22.2	27.1
				1	24	22.2	27.4
				12	0	21.4	27.1
				12	6	21.3	27.0
				12	11	21.2	27.0
				25	0	21.1	27.0
5.0	23155	713.5	QPSK	1	0	23.3	27.6
				1	12	23.5	27.5
				1	24	23.3	27.2
				12	0	22.1	26.9
				12	6	22.1	26.9
				12	11	22.1	27.0
				25	0	22.1	27.4
			16QAM	1	0	22.5	27.6
				1	12	22.7	27.4
				1	24	22.6	26.8
				12	0	21.0	27.0
				12	6	21.0	26.9
				12	11	21.2	27.1
				25	0	21.2	27.4

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23060	704.0	QPSK	1	0	23.3	27.5
				1	24	23.3	26.9
				1	49	23.1	27.4
				25	0	22.1	27.1
				25	12	22.2	27.1
				25	24	22.0	27.0
				50	0	22.2	27.7
			16QAM	1	0	22.5	27.4
				1	24	22.4	26.9
				1	49	22.5	27.5
				25	0	21.2	27.1
				25	12	21.3	27.0
				25	24	21.2	27.1
				50	0	21.2	27.6
10.0	23095	707.5	QPSK	1	0	23.0	26.7
				1	24	23.3	27.2
				1	49	23.2	27.7
				25	0	22.1	27.0
				25	12	22.3	27.3
				25	24	22.2	27.2
				50	0	22.1	27.3
			16QAM	1	0	22.4	27.0
				1	24	22.5	27.1
				1	49	22.2	27.4
				25	0	21.3	27.1
				25	12	21.2	27.0
				25	24	21.1	27.0
				50	0	21.0	27.2
10.0	23130	711.0	QPSK	1	0	23.1	27.0
				1	24	23.4	27.8
				1	49	23.0	26.6
				25	0	22.0	27.1
				25	12	22.1	27.1
				25	24	22.1	27.1
				50	0	22.0	27.6
			16QAM	1	0	22.3	27.0
				1	24	22.6	27.7
				1	49	22.4	26.8
				25	0	21.0	26.9
				25	12	21.2	27.1
				25	24	21.4	27.3
				50	0	21.1	27.4

7.3.6. LTE BAND 13

OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23207	779.5	QPSK	1	0	23.4	28.1
				1	12	23.8	28.1
				1	24	23.6	27.4
				12	0	22.3	27.1
				12	6	22.4	27.3
				12	11	22.2	27.3
				25	0	22.4	27.7
			16QAM	1	0	22.5	28.1
				1	12	22.9	28.1
				1	24	22.8	27.6
				12	0	21.4	27.1
				12	6	21.5	27.3
				12	11	21.4	27.4
				25	0	21.5	27.6
5.0	23230	782.0	QPSK	1	0	23.4	27.0
				1	12	23.7	27.5
				1	24	23.6	27.6
				12	0	22.4	27.5
				12	6	22.5	27.6
				12	11	22.4	27.6
				25	0	22.3	28.1
			16QAM	1	0	22.8	27.6
				1	12	22.4	27.4
				1	24	22.5	27.5
				12	0	21.6	27.6
				12	6	21.5	27.4
				12	11	21.5	27.4
				25	0	21.3	27.7
5.0	23255	784.5	QPSK	1	0	23.6	27.5
				1	12	23.7	27.6
				1	24	23.5	27.5
				12	0	22.2	27.3
				12	6	22.3	27.5
				12	11	22.3	27.4
				25	0	22.3	28.0
			16QAM	1	0	22.7	27.5
				1	12	22.6	29.2
				1	24	22.5	27.5
				12	0	21.2	27.5
				12	6	21.2	27.4
				12	11	21.4	27.7
				25	0	21.4	27.9

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23230	782.0	QPSK	1	0	23.4	27.1
				1	24	23.5	27.8
				1	49	23.7	27.9
				25	0	22.6	27.8
				25	12	22.6	27.8
				25	24	22.7	28.0
				50	0	22.7	28.4
			16QAM	1	0	22.8	27.8
				1	24	23.1	28.0
				1	49	22.8	27.9
				25	0	21.4	27.6
				25	12	21.8	27.8
				25	24	21.6	27.8
				50	0	21.5	28.2

7.3.7. LTE BAND 17

OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23755	706.5	QPSK	1	0	23.8	28.1
				1	12	23.6	27.7
				1	24	23.8	27.6
				12	0	22.6	27.2
				12	6	22.7	27.2
				12	11	22.5	27.0
				25	0	22.6	27.9
			16QAM	1	0	22.7	27.7
				1	12	22.7	27.5
				1	24	22.8	27.4
				12	0	21.7	27.2
				12	6	21.8	27.2
				12	11	21.7	27.3
				25	0	21.6	27.6
5.0	23790	710.0	QPSK	1	0	23.4	27.2
				1	12	23.6	27.4
				1	24	23.7	27.6
				12	0	22.5	27.4
				12	6	22.7	27.6
				12	11	22.6	27.6
				25	0	22.6	27.9
			16QAM	1	0	23.0	27.5
				1	12	23.0	29.1
				1	24	23.0	27.4
				12	0	21.5	27.4
				12	6	21.5	27.5
				12	11	21.3	27.5
				25	0	21.4	27.5
5.0	23825	713.5	QPSK	1	0	23.5	27.5
				1	12	23.8	27.5
				1	24	23.6	28.1
				12	0	22.5	27.5
				12	6	22.5	27.5
				12	11	22.5	27.2
				25	0	22.5	27.6
			16QAM	1	0	22.7	27.5
				1	12	22.9	27.5
				1	24	22.7	28.2
				12	0	21.5	27.5
				12	6	21.5	27.4
				12	11	21.7	27.5
				25	0	21.5	27.7

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23780	709.0	QPSK	1	0	23.5	27.2
				1	24	23.7	27.4
				1	49	23.5	27.5
				25	0	22.6	27.4
				25	12	22.7	27.6
				25	24	22.4	27.5
				50	0	22.6	27.9
			16QAM	1	0	22.9	28.1
				1	24	22.9	27.4
				1	49	22.9	27.7
				25	0	21.5	27.4
				25	12	21.7	27.5
				25	24	21.6	27.7
				50	0	21.5	27.7
10.0	23790	710.0	QPSK	1	0	23.2	26.9
				1	24	23.6	27.7
				1	49	23.5	28.1
				25	0	22.5	27.4
				25	12	22.7	27.8
				25	24	22.6	27.5
				50	0	22.6	27.6
			16QAM	1	0	22.8	27.1
				1	24	22.9	27.7
				1	49	22.5	27.2
				25	0	21.6	27.6
				25	12	21.6	27.6
				25	24	21.5	27.5
				50	0	21.4	28.0
10.0	23800	711.0	QPSK	1	0	23.5	27.0
				1	24	23.8	27.7
				1	49	23.4	27.1
				25	0	22.4	27.3
				25	12	22.5	27.5
				25	24	22.5	27.6
				50	0	22.4	27.9
			16QAM	1	0	22.7	27.4
				1	24	22.8	27.6
				1	49	22.6	27.2
				25	0	21.5	27.3
				25	12	21.6	27.4
				25	24	21.8	27.8
				50	0	21.5	28.0

7.3.8. LTE BAND 25

OUTPUT POWER FOR LTE BAND 25 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26047	1850.7	QPSK	1	0	23.2	26.9
				1	2	23.1	26.7
				1	5	23.1	26.7
				3	0	23.1	27.1
				3	1	23.3	27.0
				3	2	23.1	26.8
				6	0	22.3	27.3
			16QAM	1	0	22.3	26.7
				1	2	23.0	28.3
				1	5	23.0	28.4
				3	0	22.7	29.0
				3	1	22.8	28.9
				3	2	22.9	29.0
				6	0	21.2	27.3
1.4	26365	1882.5	QPSK	1	0	23.2	26.9
				1	2	23.5	27.0
				1	5	23.4	27.2
				3	0	23.4	27.4
				3	1	23.6	27.5
				3	2	23.5	27.4
				6	0	22.5	27.6
			16QAM	1	0	22.7	27.2
				1	2	22.8	27.2
				1	5	22.4	27.0
				3	0	22.6	27.4
				3	1	22.5	27.3
				3	2	22.4	27.2
				6	0	21.5	27.6
1.4	26683	1914.3	QPSK	1	0	23.3	28.1
				1	2	23.6	28.1
				1	5	23.2	28.0
				3	0	23.4	28.1
				3	1	23.4	28.2
				3	2	23.6	28.3
				6	0	22.4	27.6
			16QAM	1	0	22.6	28.1
				1	2	22.7	28.1
				1	5	22.9	28.2
				3	0	22.8	28.7
				3	1	22.9	28.6
				3	2	23.1	28.8
				6	0	21.6	27.9

OUTPUT POWER FOR LTE BAND 25 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26055	1851.5	QPSK	1	0	23.3	26.9
				1	7	23.4	27.2
				1	14	23.5	27.7
				8	0	22.4	26.9
				8	4	22.4	27.0
				8	7	22.2	26.8
				15	0	22.4	27.3
			16QAM	1	0	22.6	27.0
				1	7	22.8	27.8
				1	14	22.8	27.4
				8	0	21.6	26.9
				8	4	21.6	27.0
				8	7	21.5	27.0
				15	0	21.4	27.4
3.0	26365	1882.5	QPSK	1	0	23.2	26.9
				1	7	23.8	27.4
				1	14	23.3	27.3
				8	0	22.4	27.1
				8	4	22.4	27.3
				8	7	22.3	27.2
				15	0	22.3	27.5
			16QAM	1	0	22.6	27.1
				1	7	22.8	27.2
				1	14	22.4	27.1
				8	0	21.6	27.2
				8	4	21.4	27.0
				8	7	21.3	27.0
				15	0	21.3	27.4
3.0	26675	1913.5	QPSK	1	0	23.2	27.0
				1	7	23.5	27.2
				1	14	23.3	27.5
				8	0	22.1	26.9
				8	4	22.2	26.7
				8	7	22.3	26.9
				15	0	22.1	27.4
			16QAM	1	0	22.5	27.0
				1	7	22.7	27.0
				1	14	22.3	26.7
				8	0	21.2	26.9
				8	4	21.3	26.8
				8	7	21.4	26.9
				15	0	21.3	27.4

OUTPUT POWER FOR LTE BAND 25 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	26065	1852.5	QPSK	1	0	23.4	27.3
				1	12	23.5	27.8
				1	24	23.3	27.7
				12	0	22.4	27.2
				12	6	22.4	27.2
				12	11	22.2	27.0
				25	0	22.4	27.5
			16QAM	1	0	22.6	28.0
				1	12	22.7	28.2
				1	24	22.6	27.6
				12	0	21.4	27.1
				12	6	21.3	26.8
				12	11	21.3	26.7
				25	0	21.3	27.6
5.0	26365	1882.5	QPSK	1	0	23.3	27.3
				1	12	23.7	27.6
				1	24	23.6	27.2
				12	0	22.2	26.9
				12	6	22.5	27.2
				12	11	22.3	27.1
				25	0	22.3	27.6
			16QAM	1	0	22.5	27.0
				1	12	22.7	27.1
				1	24	22.3	27.0
				12	0	21.5	27.1
				12	6	21.4	27.1
				12	11	21.4	27.1
				25	0	21.3	27.4
5.0	26665	1912.5	QPSK	1	0	23.3	27.3
				1	12	23.4	26.8
				1	24	23.1	27.6
				12	0	22.1	26.9
				12	6	22.2	26.8
				12	11	22.3	26.8
				25	0	22.1	27.5
			16QAM	1	0	22.5	27.3
				1	12	22.6	28.6
				1	24	22.7	27.8
				12	0	21.1	27.0
				12	6	21.1	26.9
				12	11	21.2	26.9
				25	0	21.3	27.4

OUTPUT POWER FOR LTE BAND 25 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	26090	1855.0	QPSK	1	0	23.7	27.9
				1	24	23.3	26.9
				1	49	23.3	27.1
				25	0	22.4	26.9
				25	12	22.4	27.0
				25	24	22.2	26.9
				50	0	22.3	27.2
			16QAM	1	0	22.8	28.2
				1	24	22.7	27.5
				1	49	22.9	27.4
				25	0	21.4	26.9
				25	12	21.4	27.0
				25	24	21.4	27.1
				50	0	21.4	27.2
10.0	26365	1882.5	QPSK	1	0	23.6	28.0
				1	24	23.5	27.1
				1	49	23.2	26.8
				25	0	22.4	27.0
				25	12	22.5	27.3
				25	24	22.4	27.4
				50	0	22.4	27.8
			16QAM	1	0	22.8	27.3
				1	24	22.9	27.2
				1	49	22.3	26.6
				25	0	21.5	27.1
				25	12	21.4	27.2
				25	24	21.3	27.2
				50	0	21.2	27.6
10.0	26640	1910.0	QPSK	1	0	23.4	27.2
				1	24	23.5	27.6
				1	49	23.1	27.1
				25	0	22.2	27.3
				25	12	22.3	27.1
				25	24	22.3	27.1
				50	0	22.2	27.5
			16QAM	1	0	22.6	27.2
				1	24	22.5	27.1
				1	49	22.4	27.2
				25	0	21.4	27.3
				25	12	21.2	26.5
				25	24	21.4	27.2
				50	0	21.3	27.7

OUTPUT POWER FOR LTE BAND 25 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	26115	1857.5	QPSK	1	0	23.7	27.5
				1	37	23.5	27.2
				1	74	23.5	27.8
				36	0	22.7	27.8
				36	16	22.6	27.2
				36	35	22.3	27.2
				75	0	22.6	28.1
			16-QAM	1	0	22.9	28.1
				1	37	22.9	27.4
				1	74	22.9	28.0
				36	0	21.6	27.3
				36	16	21.6	27.2
				36	35	21.5	27.4
				75	0	21.6	27.8
15.0	26365	1882.5	QPSK	1	0	23.4	26.9
				1	37	23.5	27.2
				1	74	23.4	26.9
				36	0	22.6	27.1
				36	16	22.7	27.4
				36	35	22.5	27.6
				75	0	22.6	28.1
			16-QAM	1	0	22.8	27.1
				1	37	23.0	27.3
				1	74	22.5	26.7
				36	0	21.6	27.2
				36	16	21.6	27.3
				36	35	21.4	27.4
				75	0	21.5	27.8
15.0	26615	1907.5	QPSK	1	0	23.6	27.1
				1	37	23.4	27.1
				1	74	23.2	26.4
				36	0	22.5	27.4
				36	16	22.5	27.3
				36	35	22.5	27.4
				75	0	22.4	27.9
			16-QAM	1	0	22.6	27.2
				1	37	22.6	27.5
				1	74	22.2	26.8
				36	0	21.6	27.4
				36	16	21.5	27.4
				36	35	21.5	27.3
				75	0	21.5	27.9

OUTPUT POWER FOR LTE BAND 25 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	26140	1860.0	QPSK	1	0	23.6	27.4
				1	49	23.6	27.3
				1	99	23.4	27.2
				50	0	22.6	27.2
				50	24	22.6	27.4
				50	49	22.3	27.4
				100	0	22.5	27.8
			16-QAM	1	0	22.5	27.2
				1	49	22.5	27.3
				1	99	22.5	27.3
				50	0	21.6	27.1
				50	24	21.5	27.4
				50	49	21.5	27.5
				100	0	21.5	27.4
20.0	26365	1882.5	QPSK	1	0	23.3	27.0
				1	49	23.5	27.1
				1	99	23.4	27.1
				50	0	22.5	27.1
				50	24	22.7	27.5
				50	49	22.5	27.3
				100	0	22.6	27.7
			16-QAM	1	0	22.7	27.9
				1	49	22.4	27.6
				1	99	22.4	27.3
				50	0	21.6	27.2
				50	24	21.5	27.4
				50	49	21.3	26.7
				100	0	21.4	27.7
20.0	26590	1905.0	QPSK	1	0	23.4	27.5
				1	49	23.6	27.4
				1	99	23.1	26.5
				50	0	22.5	27.5
				50	24	22.5	27.4
				50	49	22.5	27.6
				100	0	22.5	27.9
			16-QAM	1	0	22.3	27.7
				1	49	22.7	27.4
				1	99	22.4	26.6
				50	0	21.5	27.5
				50	24	21.4	27.4
				50	49	21.5	27.5
				100	0	21.6	28.0

7.3.9. LTE BAND 26

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26697	814.7	QPSK	1	0	23.8	28.6
				1	2	23.4	28.1
				1	5	23.6	28.7
				3	0	23.7	28.8
				3	1	23.8	28.9
				3	2	23.6	28.7
			16QAM	6	0	22.9	28.3
				1	0	22.5	28.2
				1	2	22.4	28.2
				1	5	22.5	28.1
				3	0	22.6	28.8
				3	1	22.7	28.8
				3	2	22.7	28.8
				6	0	21.8	28.3
1.4	26740	819.0	QPSK	1	0	23.4	27.1
				1	2	23.6	27.1
				1	5	23.4	27.0
				3	0	23.6	27.6
				3	1	23.7	27.5
				3	2	23.6	27.4
			16QAM	6	0	22.6	27.5
				1	0	22.9	27.3
				1	2	22.8	27.2
				1	5	22.5	26.9
				3	0	22.6	27.4
				3	1	22.5	27.3
				3	2	22.4	27.2
				6	0	21.5	27.4
1.4	26783	823.3	QPSK	1	0	23.3	28.1
				1	2	23.6	28.4
				1	5	23.3	28.2
				3	0	23.3	28.6
				3	1	23.3	28.6
				3	2	23.5	28.8
			16QAM	6	0	22.2	27.2
				1	0	22.5	27.7
				1	2	22.6	27.6
				1	5	22.5	27.6
				3	0	22.3	28.3
				3	1	22.2	27.2
				3	2	22.5	28.3
				6	0	21.4	27.4

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26705	815.5	QPSK	1	0	23.4	28.2
				1	7	23.4	28.2
				1	14	23.4	28.4
				8	0	22.3	27.4
				8	4	22.4	27.5
				8	7	22.1	27.4
				15	0	22.3	27.9
			16QAM	1	0	22.6	28.2
				1	7	22.6	28.1
				1	14	22.7	28.3
				8	0	21.5	27.3
				8	4	21.5	27.3
				8	7	21.5	27.3
				15	0	21.4	27.7
3.0	26740	819.0	QPSK	1	0	23.1	26.9
				1	7	23.4	26.8
				1	14	23.5	28.3
				8	0	22.4	27.1
				8	4	22.5	27.2
				8	7	22.4	27.0
				15	0	22.4	27.6
			16QAM	1	0	22.6	27.1
				1	7	22.8	27.0
				1	14	22.5	27.6
				8	0	21.6	27.2
				8	4	21.5	27.1
				8	7	21.4	27.0
				15	0	21.3	27.3
3.0	26775	822.5	QPSK	1	0	23.3	28.0
				1	7	23.6	28.4
				1	14	23.3	28.2
				8	0	22.3	27.5
				8	4	22.2	27.4
				8	7	22.4	27.7
				15	0	22.1	27.9
			16QAM	1	0	22.5	27.8
				1	7	22.8	28.5
				1	14	22.5	28.2
				8	0	21.4	27.2
				8	4	21.4	27.4
				8	7	21.5	27.6
				15	0	21.4	27.9

OUTPUT POWER FOR LTE BAND 26 (5.0 MH)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	26715	816.5	QPSK	1	0	23.5	28.2
				1	12	23.6	27.5
				1	24	23.4	26.9
				12	0	22.4	26.9
				12	6	22.5	27.2
				12	11	22.3	27.0
				25	0	22.4	27.3
			16QAM	1	0	22.5	28.1
				1	12	22.5	27.0
				1	24	22.5	27.2
				12	0	21.5	26.9
				12	6	21.5	27.2
				12	11	21.5	27.2
				25	0	21.4	27.6
5.0	26740	819.0	QPSK	1	0	23.1	26.9
				1	12	23.4	27.0
				1	24	23.4	28.2
				12	0	22.3	27.1
				12	6	22.5	27.2
				12	11	22.4	27.0
				25	0	22.4	27.7
			16QAM	1	0	22.0	27.1
				1	12	22.3	28.5
				1	24	22.1	28.1
				12	0	21.3	27.2
				12	6	21.3	27.1
				12	11	21.2	27.0
				25	0	21.3	27.3
5.0	26765	821.5	QPSK	1	0	23.2	26.8
				1	12	23.5	28.1
				1	24	23.2	28.2
				12	0	22.2	26.8
				12	6	22.3	27.3
				12	11	22.4	27.6
				25	0	22.3	28.3
			16QAM	1	0	22.4	27.5
				1	12	22.6	28.3
				1	24	22.5	28.3
				12	0	21.2	26.9
				12	6	21.3	26.9
				12	11	21.5	27.5
				25	0	21.4	27.6

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	26740	819.0	QPSK	1	0	23.4	28.1
				1	24	23.5	27.4
				1	49	23.3	28.1
				25	0	22.4	27.1
				25	12	22.6	27.1
				25	24	22.2	27.3
				50	0	22.4	27.3
			16QAM	1	0	22.6	28.0
				1	24	22.6	27.3
				1	49	22.4	28.0
				25	0	21.3	26.9
				25	12	21.5	27.2
				25	24	21.2	26.8
				50	0	21.2	27.1

7.3.10. LTE BAND 41

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	39675	2498.5	QPSK	1	0	22.3	25.9
				1	12	22.3	26.1
				1	24	22.2	27.0
				12	0	21.2	25.9
				12	6	21.2	25.9
				12	11	21.2	25.8
				25	0	21.0	26.3
			16QAM	1	0	21.6	25.9
				1	12	21.6	26.7
				1	24	21.5	27.1
				12	0	20.2	25.9
				12	6	20.3	25.9
				12	11	20.3	25.8
				25	0	20.1	26.2
5.0	40620	2593.0	QPSK	1	0	22.0	25.7
				1	12	22.3	26.0
				1	24	22.2	27.0
				12	0	21.2	25.9
				12	6	21.3	26.0
				12	11	21.2	25.8
				25	0	21.2	26.4
			16QAM	1	0	21.6	25.9
				1	12	21.5	26.3
				1	24	21.1	27.0
				12	0	20.3	26.0
				12	6	20.3	26.0
				12	11	20.1	25.7
				25	0	20.1	26.4
5.0	41565	2687.5	QPSK	1	0	22.2	25.9
				1	12	22.3	26.0
				1	24	22.1	26.9
				12	0	21.1	25.8
				12	6	21.1	25.8
				12	11	21.2	25.8
				25	0	21.0	26.2
			16QAM	1	0	21.5	25.9
				1	12	21.3	26.5
				1	24	21.5	27.1
				12	0	20.1	25.8
				12	6	20.2	25.8
				12	11	20.4	25.9
				25	0	20.1	26.4

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	39700	2501.0	QPSK	1	0	22.2	27.0
				1	24	22.1	25.6
				1	49	22.0	26.9
				25	0	21.2	25.9
				25	12	21.3	25.8
				25	24	21.2	26.3
				50	0	21.0	26.1
			16QAM	1	0	21.4	27.1
				1	24	21.4	25.9
				1	49	21.3	27.0
				25	0	20.1	25.9
				25	12	20.2	25.9
				25	24	20.1	25.7
				50	0	20.1	26.3
10.0	40620	2593.0	QPSK	1	0	21.9	26.8
				1	24	22.1	25.6
				1	49	22.1	26.8
				25	0	21.1	25.8
				25	12	21.3	25.9
				25	24	21.2	26.3
				50	0	21.2	26.2
			16QAM	1	0	21.5	27.1
				1	24	21.6	26.3
				1	49	21.2	26.9
				25	0	20.2	26.0
				25	12	20.2	25.9
				25	24	19.9	25.5
				50	0	20.1	26.2
10.0	41540	2685.0	QPSK	1	0	22.1	26.9
				1	24	22.1	25.6
				1	49	22.0	26.9
				25	0	21.1	25.7
				25	12	21.2	25.7
				25	24	21.2	26.3
				50	0	21.0	26.0
			16QAM	1	0	21.4	27.0
				1	24	21.4	25.7
				1	49	21.4	27.1
				25	0	20.1	25.8
				25	12	20.1	25.8
				25	24	20.2	25.8
				50	0	20.1	26.1

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	39725	2503.5	QPSK	1	0	22.1	26.6
				1	37	22.2	26.3
				1	74	22.2	26.1
				36	0	21.0	26.2
				36	16	21.2	25.8
				36	35	21.2	26.0
				75	0	20.9	26.2
			16-QAM	1	0	21.4	26.7
				1	37	21.1	25.5
				1	74	21.8	26.1
				36	0	20.0	26.1
				36	16	20.2	25.7
				36	35	20.1	26.0
				75	0	20.1	26.2
15.0	40620	2593.0	QPSK	1	0	22.0	25.3
				1	37	21.9	26.8
				1	74	22.0	25.4
				36	0	21.2	25.6
				36	16	21.2	25.7
				36	35	21.1	25.6
				75	0	21.2	26.4
			16-QAM	1	0	21.0	25.5
				1	37	21.4	26.1
				1	74	20.8	25.2
				36	0	20.3	25.7
				36	16	20.5	26.2
				36	35	20.0	25.5
				75	0	20.2	26.1
15.0	41515	2682.5	QPSK	1	0	22.3	25.8
				1	37	22.3	26.3
				1	74	22.1	25.7
				36	0	21.0	25.7
				36	16	21.0	25.6
				36	35	21.2	25.8
				75	0	20.9	26.4
			16-QAM	1	0	21.5	25.7
				1	37	21.1	25.6
				1	74	21.4	25.8
				36	0	20.1	25.7
				36	16	20.1	25.7
				36	35	20.3	25.9
				75	0	20.2	26.4

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	39750	2506.0	QPSK	1	0	22.0	26.5
				1	49	22.0	25.7
				1	99	22.2	25.8
				50	0	20.9	25.9
				50	24	21.1	25.8
				50	49	21.1	26.0
				100	0	20.8	25.8
			16-QAM	1	0	21.2	26.2
				1	49	21.4	25.7
				1	99	21.5	25.8
				50	0	19.9	25.8
				50	24	20.0	25.7
				50	49	20.1	25.9
				100	0	20.0	26.0
20.0	40620	2593.0	QPSK	1	0	22.0	25.8
				1	49	22.2	26.1
				1	99	22.0	25.9
				50	0	21.0	25.4
				50	24	21.2	26.0
				50	49	21.0	25.4
				100	0	21.1	26.2
			16-QAM	1	0	21.5	26.0
				1	49	21.5	26.1
				1	99	21.3	26.1
				50	0	20.2	25.5
				50	24	20.1	25.8
				50	49	19.8	25.2
				100	0	20.2	26.3
20.0	41490	2680.0	QPSK	1	0	22.2	25.8
				1	49	22.1	25.5
				1	99	22.0	25.5
				50	0	20.9	25.5
				50	24	20.8	25.4
				50	49	21.0	25.6
				100	0	20.7	25.9
			16-QAM	1	0	21.4	25.8
				1	49	21.5	26.1
				1	99	21.4	25.6
				50	0	19.9	25.6
				50	24	19.9	25.4
				50	49	20.1	25.7
				100	0	20.0	26.1

7.4.MODEL: A1687 (UAT)

7.4.1. LTE BAND 2

OUTPUT POWER FOR LTE BAND 2 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	18607	1850.7	QPSK	1	0	17.6	21.1
				1	2	17.4	20.8
				1	5	17.3	20.8
				3	0	17.4	21.2
				3	1	17.2	20.9
				3	2	17.4	21.0
				6	0	16.7	21.6
			16QAM	1	0	16.5	21.0
				1	2	16.5	20.9
				1	5	16.4	20.9
				3	0	16.5	21.1
				3	1	16.6	21.1
				3	2	16.5	21.1
				6	0	15.7	21.5
1.4	18900	1880.0	QPSK	1	0	17.2	20.7
				1	2	17.5	20.8
				1	5	17.5	20.9
				3	0	17.4	21.2
				3	1	17.5	21.1
				3	2	17.5	21.1
				6	0	16.6	21.4
			16QAM	1	0	16.8	20.9
				1	2	16.9	20.9
				1	5	16.6	20.8
				3	0	16.6	21.2
				3	1	16.6	21.0
				3	2	16.6	21.0
				6	0	15.7	21.4
1.4	19193	1909.3	QPSK	1	0	17.9	22.0
				1	2	18.0	22.0
				1	5	17.8	21.8
				3	0	17.8	22.1
				3	1	17.8	22.0
				3	2	17.9	22.1
				6	0	16.6	21.9
			16QAM	1	0	17.1	22.1
				1	2	17.1	22.2
				1	5	17.0	22.2
				3	0	16.8	22.2
				3	1	16.8	22.1
				3	2	17.0	22.3
				6	0	15.9	22.2

OUTPUT POWER FOR LTE BAND 2 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	18615	1851.5	QPSK	1	0	17.7	21.1
				1	7	17.5	20.7
				1	14	17.3	20.7
				8	0	16.7	21.1
				8	4	16.5	20.9
				8	7	16.6	21.0
				15	0	16.8	21.6
			16QAM	1	0	16.8	21.0
				1	7	16.8	20.8
				1	14	16.6	20.7
				8	0	15.9	21.2
				8	4	15.9	21.1
				8	7	15.9	21.1
				15	0	15.8	21.6
3.0	18900	1880.0	QPSK	1	0	17.4	20.7
				1	7	17.6	20.8
				1	14	17.7	21.0
				8	0	16.7	21.1
				8	4	16.8	21.1
				8	7	16.8	21.2
				15	0	16.8	21.5
			16QAM	1	0	16.9	21.0
				1	7	17.0	21.0
				1	14	16.7	20.8
				8	0	16.1	21.2
				8	4	16.0	21.1
				8	7	16.0	21.2
				15	0	15.9	21.6
3.0	19185	1908.5	QPSK	1	0	17.8	21.8
				1	7	18.0	22.0
				1	14	17.8	21.8
				8	0	16.8	21.5
				8	4	16.8	21.6
				8	7	16.9	21.7
				15	0	16.7	22.1
			16QAM	1	0	17.1	21.8
				1	7	17.2	22.1
				1	14	17.1	22.1
				8	0	15.9	21.5
				8	4	15.9	21.5
				8	7	16.1	21.8
				15	0	15.9	22.0

OUTPUT POWER FOR LTE BAND 2 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak(dBm)
				Size	Offset		
5.0	18625	1852.5	QPSK	1	0	17.7	21.1
				1	12	17.4	20.7
				1	24	17.4	20.8
				12	0	16.7	21.1
				12	6	16.4	20.8
				12	11	16.6	20.9
				25	0	16.9	21.6
			16QAM	1	0	16.7	21.0
				1	12	16.6	20.8
				1	24	16.6	20.8
				12	0	15.8	21.2
				12	6	15.8	21.1
				12	11	15.7	21.0
				25	0	15.7	21.7
5.0	18900	1880.0	QPSK	1	0	17.4	20.7
				1	12	17.5	20.8
				1	24	17.8	21.0
				12	0	16.7	21.1
				12	6	16.8	21.0
				12	11	16.8	21.1
				25	0	16.8	21.7
			16QAM	1	0	16.8	21.0
				1	12	16.8	21.0
				1	24	16.7	20.9
				12	0	16.0	21.2
				12	6	16.0	21.1
				12	11	16.0	21.2
				25	0	15.9	21.4
5.0	19175	1907.5	QPSK	1	0	17.9	21.2
				1	12	17.9	21.9
				1	24	17.8	21.9
				12	0	16.9	21.4
				12	6	16.9	21.5
				12	11	16.9	21.7
				25	0	16.7	22.1
			16QAM	1	0	17.0	21.2
				1	12	17.0	21.9
				1	24	17.0	22.1
				12	0	15.8	21.5
				12	6	15.8	21.5
				12	11	15.9	21.8
				25	0	15.9	22.1

OUTPUT POWER FOR LTE BAND 2 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	18650	1855.0	QPSK	1	0	17.6	21.0
				1	24	17.5	20.8
				1	49	17.9	21.7
				25	0	16.6	21.0
				25	12	16.5	21.0
				25	24	17.0	21.5
				50	0	17.0	21.8
			16QAM	1	0	16.7	20.9
				1	24	16.7	20.9
				1	49	16.4	21.7
				25	0	15.7	21.1
				25	12	15.8	21.1
				25	24	16.0	21.5
				50	0	15.9	21.9
				50	0	15.9	21.9
10.0	18900	1880.0	QPSK	1	0	17.5	20.8
				1	24	17.5	20.8
				1	49	17.8	21.4
				25	0	16.7	21.1
				25	12	16.8	21.1
				25	24	16.9	21.3
				50	0	16.9	21.6
			16QAM	1	0	17.1	21.1
				1	24	16.9	20.9
				1	49	17.0	21.2
				25	0	16.0	21.3
				25	12	15.9	21.1
				25	24	15.9	21.3
				50	0	15.9	21.8
				50	0	15.9	21.8
10.0	19150	1905.0	QPSK	1	0	17.8	21.1
				1	24	17.8	21.1
				1	49	17.7	21.8
				25	0	16.8	21.1
				25	12	16.9	21.3
				25	24	16.9	21.8
				50	0	16.8	21.7
			16QAM	1	0	17.0	21.2
				1	24	16.9	21.1
				1	49	17.1	22.1
				25	0	15.9	21.1
				25	12	16.0	21.3
				25	24	16.1	21.9
				50	0	16.0	22.1
				50	0	16.0	22.1

OUTPUT POWER FOR LTE BAND 2 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	18675	1857.5	QPSK	1	0	17.7	21.0
				1	37	17.6	21.4
				1	74	17.8	22.3
				36	0	16.7	21.2
				36	16	16.7	21.4
				36	35	16.8	21.9
				75	0	16.9	22.4
			16-QAM	1	0	16.7	20.8
				1	37	17.0	21.4
				1	74	16.8	22.5
				36	0	15.8	21.1
				36	16	16.0	21.6
				36	35	15.9	21.9
				75	0	15.9	22.0
15.0	18900	1880.0	QPSK	1	0	17.5	21.3
				1	37	17.4	20.7
				1	74	17.9	21.9
				36	0	16.9	21.4
				36	16	16.9	21.1
				36	35	17.0	21.5
				75	0	16.9	22.2
			16-QAM	1	0	17.0	21.6
				1	37	16.9	20.9
				1	74	16.7	21.7
				36	0	16.0	21.4
				36	16	15.9	21.2
				36	35	15.9	21.4
				75	0	15.9	21.9
15.0	19125	1902.5	QPSK	1	0	17.8	22.2
				1	37	17.6	20.8
				1	74	17.8	21.9
				36	0	16.9	21.6
				36	16	16.9	21.2
				36	35	16.9	21.8
				75	0	16.7	22.2
			16-QAM	1	0	17.0	22.4
				1	37	16.7	21.0
				1	74	17.0	22.1
				36	0	15.9	21.6
				36	16	15.9	21.3
				36	35	16.1	21.7
				75	0	15.9	22.1

OUTPUT POWER FOR LTE BAND 2 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	18700	1860.0	QPSK	1	0	17.6	20.9
				1	49	17.9	21.9
				1	99	17.8	22.1
				50	0	16.9	21.6
				50	24	16.8	21.7
				50	49	16.9	21.8
				100	0	16.9	22.1
			16-QAM	1	0	16.6	20.8
				1	49	17.0	21.9
				1	99	16.9	22.3
				50	0	15.8	21.5
				50	24	15.9	21.8
				50	49	15.8	21.7
				100	0	15.9	22.1
20.0	18900	1880.0	QPSK	1	0	17.6	21.7
				1	49	17.5	20.8
				1	99	18.0	22.3
				50	0	16.9	21.5
				50	24	16.9	21.3
				50	49	16.9	21.8
				100	0	16.9	21.9
			16-QAM	1	0	17.1	22.0
				1	49	17.0	20.9
				1	99	16.7	22.1
				50	0	15.9	21.6
				50	24	15.9	21.3
				50	49	15.9	21.8
				100	0	15.9	22.0
20.0	19100	1900.0	QPSK	1	0	17.9	22.3
				1	49	17.8	21.1
				1	99	17.8	21.8
				50	0	16.8	21.7
				50	24	16.9	21.6
				50	49	17.0	21.8
				100	0	16.8	22.0
			16-QAM	1	0	17.0	22.4
				1	49	17.1	21.3
				1	99	17.0	22.0
				50	0	15.8	21.7
				50	24	15.9	21.6
				50	49	16.1	21.8
				100	0	16.0	21.9

7.4.2. LTE BAND 4

OUTPUT POWER FOR LTE BAND 4 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	19957	1710.7	QPSK	1	0	19.53	23.10
				1	2	19.5	22.9
				1	5	19.3	23.4
				3	0	19.8	23.5
				3	1	19.6	23.0
				3	2	19.8	23.2
				6	0	18.5	23.4
			16QAM	1	0	19.1	23.1
				1	2	19.0	23.1
				1	5	19.0	23.0
				3	0	18.5	23.2
				3	1	18.5	23.2
				3	2	18.5	23.1
				6	0	18.1	23.6
1.4	20175	1732.5	QPSK	1	0	18.9	23.7
				1	2	19.1	23.8
				1	5	19.1	23.9
				3	0	19.2	24.3
				3	1	19.3	24.3
				3	2	19.3	24.3
				6	0	18.1	23.8
			16QAM	1	0	18.5	24.1
				1	2	18.7	24.2
				1	5	18.4	24.1
				3	0	18.2	24.2
				3	1	18.2	24.2
				3	2	18.1	24.2
				6	0	17.2	24.1
1.4	20393	1754.3	QPSK	1	0	19.0	23.5
				1	2	19.1	23.4
				1	5	19.0	23.6
				3	0	19.0	23.6
				3	1	19.1	23.6
				3	2	19.2	23.7
				6	0	18.0	23.1
			16QAM	1	0	18.0	23.5
				1	2	18.1	23.4
				1	5	18.1	23.7
				3	0	18.0	23.5
				3	1	18.1	23.5
				3	2	18.3	23.7
				6	0	17.3	23.4

OUTPUT POWER FOR LTE BAND 4 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	19965	1711.5	QPSK	1	0	19.7	23.4
				1	7	19.7	23.1
				1	14	19.5	23.1
				8	0	18.4	23.2
				8	4	18.3	22.8
				8	7	18.4	23.1
				15	0	18.5	23.6
			16QAM	1	0	18.7	23.3
				1	7	18.9	23.3
				1	14	18.6	23.1
				8	0	17.6	22.8
				8	4	17.6	22.7
				8	7	17.6	22.8
				15	0	17.5	23.4
3.0	20175	1732.5	QPSK	1	0	19.2	23.9
				1	7	19.6	24.3
				1	14	19.3	24.1
				8	0	18.1	23.4
				8	4	18.2	23.3
				8	7	18.2	23.3
				15	0	18.1	23.8
			16QAM	1	0	18.7	24.2
				1	7	19.0	24.4
				1	14	18.5	24.0
				8	0	17.4	23.3
				8	4	17.3	23.2
				8	7	17.3	23.2
				15	0	17.2	23.8
3.0	20385	1753.5	QPSK	1	0	19.3	23.5
				1	7	19.5	23.6
				1	14	19.3	23.5
				8	0	18.1	22.8
				8	4	18.1	22.7
				8	7	18.2	23.0
				15	0	18.0	23.2
			16QAM	1	0	18.6	23.5
				1	7	18.6	23.6
				1	14	18.3	23.4
				8	0	17.2	22.6
				8	4	17.2	22.5
				8	7	17.4	22.9
				15	0	17.2	23.4

OUTPUT POWER FOR LTE BAND 4 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	19975	1712.5	QPSK	1	0	19.8	23.4
				1	12	19.7	23.2
				1	24	19.5	23.1
				12	0	18.4	23.1
				12	6	18.3	22.8
				12	11	18.4	23.0
				25	0	18.4	23.6
			16QAM	1	0	18.9	23.3
				1	12	19.1	23.5
				1	24	18.8	23.1
				12	0	17.5	22.9
				12	6	17.6	22.8
				12	11	17.5	22.9
				25	0	17.4	23.6
5.0	20175	1732.5	QPSK	1	0	19.3	24.1
				1	12	19.4	24.1
				1	24	19.4	24.1
				12	0	18.2	23.5
				12	6	18.2	23.6
				12	11	18.2	23.5
				25	0	18.2	23.6
			16QAM	1	0	18.6	24.2
				1	12	18.6	24.1
				1	24	18.2	23.9
				12	0	17.3	23.4
				12	6	17.3	23.3
				12	11	17.2	23.3
				25	0	17.2	23.4
5.0	20375	1752.5	QPSK	1	0	19.4	23.4
				1	12	19.4	23.5
				1	24	19.3	23.6
				12	0	18.1	22.7
				12	6	18.1	22.6
				12	11	18.2	22.8
				25	0	18.0	23.0
			16QAM	1	0	18.7	23.5
				1	12	18.7	24.0
				1	24	18.8	23.7
				12	0	17.0	22.7
				12	6	17.1	22.6
				12	11	17.2	22.8
				25	0	17.2	23.0

OUTPUT POWER FOR LTE BAND 4 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20000	1715.0	QPSK	1	0	19.8	23.4
				1	24	19.4	23.1
				1	49	19.4	23.6
				25	0	18.5	23.2
				25	12	18.4	22.8
				25	24	18.5	23.2
				50	0	18.5	23.5
			16QAM	1	0	19.1	23.2
				1	24	18.8	23.2
				1	49	18.7	23.6
				25	0	17.6	23.1
				25	12	17.6	22.9
				25	24	17.5	23.1
				50	0	17.4	23.6
10.0	20175	1732.5	QPSK	1	0	19.3	24.0
				1	24	19.5	24.2
				1	49	19.3	23.9
				25	0	18.3	23.6
				25	12	18.2	23.4
				25	24	18.2	23.5
				50	0	18.2	23.7
			16QAM	1	0	18.8	24.2
				1	24	18.8	24.2
				1	49	18.3	23.8
				25	0	17.5	23.6
				25	12	17.2	23.3
				25	24	17.2	23.3
				50	0	17.2	23.5
10.0	20350	1750.0	QPSK	1	0	19.3	23.6
				1	24	19.3	23.4
				1	49	19.1	23.4
				25	0	18.0	22.8
				25	12	18.1	22.8
				25	24	18.2	23.0
				50	0	18.0	22.9
			16QAM	1	0	18.5	23.5
				1	24	18.4	23.4
				1	49	18.4	23.4
				25	0	17.1	22.8
				25	12	17.2	22.5
				25	24	17.3	22.9
				50	0	17.2	23.7

OUTPUT POWER FOR LTE BAND 4 (15.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20025	1717.5	QPSK	1	0	19.7	23.5
				1	37	19.3	23.4
				1	74	19.4	23.8
				36	0	18.7	23.4
				36	16	18.5	23.2
				36	35	18.6	23.5
				75	0	18.5	24.3
			16-QAM	1	0	18.8	23.3
				1	37	18.3	23.2
				1	74	18.7	23.8
				36	0	17.7	23.4
				36	16	17.8	23.3
				36	35	17.6	23.3
				75	0	17.5	23.9
15.0	20175	1732.5	QPSK	1	0	19.4	23.9
				1	37	19.4	24.1
				1	74	19.3	23.8
				36	0	18.5	23.7
				36	16	18.4	23.7
				36	35	18.4	23.6
				75	0	18.3	24.1
			16-QAM	1	0	18.8	24.1
				1	37	18.7	24.2
				1	74	18.3	23.6
				36	0	17.6	23.7
				36	16	17.4	23.5
				36	35	17.3	23.5
				75	0	17.4	24.0
15.0	20325	1747.5	QPSK	1	0	19.3	23.6
				1	37	19.4	23.4
				1	74	19.1	23.2
				36	0	18.3	23.3
				36	16	18.2	23.0
				36	35	18.4	23.1
				75	0	18.2	23.9
			16-QAM	1	0	18.4	23.8
				1	37	18.1	23.2
				1	74	18.0	23.2
				36	0	17.3	23.0
				36	16	17.2	22.7
				36	35	17.5	23.0
				75	0	17.3	23.7

OUTPUT POWER FOR LTE BAND 4 (20.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20050	1720.0	QPSK	1	0	19.8	23.6
				1	49	19.6	23.8
				1	99	19.4	24.1
				50	0	18.8	23.6
				50	24	18.5	23.3
				50	49	18.6	23.6
				100	0	18.7	24.1
			16-QAM	1	0	18.8	23.4
				1	49	18.8	23.9
				1	99	18.5	24.1
				50	0	17.8	23.3
				50	24	17.7	23.3
				50	49	17.6	23.5
				100	0	17.8	23.9
20.0	20175	1732.5	QPSK	1	0	19.3	23.6
				1	49	19.5	24.2
				1	99	19.4	23.7
				50	0	18.6	23.7
				50	24	18.6	23.7
				50	49	18.4	23.6
				100	0	18.5	24.0
			16-QAM	1	0	19.0	23.9
				1	49	19.0	24.3
				1	99	18.7	23.6
				50	0	17.7	23.7
				50	24	17.5	23.7
				50	49	17.3	23.5
				100	0	17.5	23.7
20.0	20300	1745.0	QPSK	1	0	19.3	23.5
				1	49	19.4	23.7
				1	99	19.3	23.5
				50	0	18.5	23.6
				50	24	18.4	23.2
				50	49	18.5	23.4
				100	0	18.3	23.9
			16-QAM	1	0	18.8	24.0
				1	49	18.8	23.8
				1	99	18.9	23.5
				50	0	17.4	23.4
				50	24	17.3	23.1
				50	49	17.5	23.2
				100	0	17.5	23.8

7.4.3. LTE BAND 5

OUTPUT POWER FOR LTE BAND 5 (1.4MHZz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	20407	824.7	QPSK	1	0	21.7	26.8
				1	2	21.6	26.6
				1	5	21.5	26.7
				3	0	21.3	26.7
				3	1	21.2	26.5
				3	2	21.4	26.7
				6	0	20.3	25.8
			16QAM	1	0	20.4	26.4
				1	2	20.6	26.5
				1	5	20.6	26.5
				3	0	20.2	26.6
				3	1	20.2	26.6
				3	2	20.2	26.5
				6	0	19.4	26.1
1.4	20525	836.5	QPSK	1	0	21.2	25.2
				1	2	21.4	25.5
				1	5	21.5	26.1
				3	0	21.1	25.2
				3	1	21.2	25.1
				3	2	21.2	25.1
				6	0	20.3	25.3
			16QAM	1	0	20.7	25.4
				1	2	20.7	25.3
				1	5	20.7	26.0
				3	0	20.3	25.2
				3	1	20.3	25.1
				3	2	20.3	25.0
				6	0	19.3	25.3
1.4	20643	848.3	QPSK	1	0	21.6	25.8
				1	2	21.6	25.7
				1	5	21.5	25.3
				3	0	21.2	25.8
				3	1	21.2	25.8
				3	2	21.4	25.8
				6	0	20.0	25.6
			16QAM	1	0	20.5	25.8
				1	2	20.7	25.7
				1	5	20.4	25.5
				3	0	20.1	25.9
				3	1	20.1	25.8
				3	2	20.4	26.0
				6	0	19.3	25.8

OUTPUT POWER FOR LTE BAND 5 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	20415	825.5	QPSK	1	0	21.6	26.5
				1	7	21.4	26.3
				1	14	21.4	26.2
				8	0	20.3	25.6
				8	4	20.2	25.4
				8	7	20.3	25.5
				15	0	20.3	25.3
			16QAM	1	0	20.6	26.2
				1	7	20.8	26.5
				1	14	20.5	26.0
				8	0	19.5	25.5
				8	4	19.5	25.5
				8	7	19.5	25.5
				15	0	19.4	25.8
3.0	20525	836.5	QPSK	1	0	21.1	24.9
				1	7	21.5	25.8
				1	14	21.4	25.7
				8	0	20.3	25.1
				8	4	20.3	25.1
				8	7	20.2	25.0
				15	0	20.2	25.5
			16QAM	1	0	20.7	25.1
				1	7	20.9	25.5
				1	14	20.5	25.4
				8	0	19.5	25.2
				8	4	19.4	25.0
				8	7	19.4	24.9
				15	0	19.3	25.4
3.0	20635	847.5	QPSK	1	0	21.4	26.1
				1	7	21.6	25.9
				1	14	21.3	25.4
				8	0	20.2	25.6
				8	4	20.2	25.5
				8	7	20.3	25.6
				15	0	20.1	25.7
			16QAM	1	0	20.5	26.2
				1	7	20.8	25.9
				1	14	20.5	25.5
				8	0	19.2	25.4
				8	4	19.2	25.4
				8	7	19.4	25.6
				15	0	19.3	25.9

OUTPUT POWER FOR LTE BAND 5 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20425	826.5	QPSK	1	0	21.5	26.3
				1	12	21.5	26.3
				1	24	21.4	25.4
				12	0	20.3	25.6
				12	6	20.1	25.4
				12	11	20.3	25.0
				25	0	20.3	25.7
			16QAM	1	0	20.6	26.4
				1	12	20.8	26.5
				1	24	20.5	25.4
				12	0	19.3	25.4
				12	6	19.4	25.3
				12	11	19.3	25.0
				25	0	19.3	25.5
5.0	20525	836.5	QPSK	1	0	21.3	24.9
				1	12	21.6	26.0
				1	24	21.5	26.4
				12	0	20.2	25.1
				12	6	20.3	25.0
				12	11	20.3	24.9
				25	0	20.2	25.8
			16QAM	1	0	20.5	25.1
				1	12	20.7	25.6
				1	24	20.3	26.1
				12	0	19.4	25.2
				12	6	19.4	25.1
				12	11	19.3	25.0
				25	0	19.2	25.4
5.0	20625	846.5	QPSK	1	0	21.5	26.2
				1	12	21.4	26.1
				1	24	21.3	25.3
				12	0	20.1	25.2
				12	6	20.2	25.4
				12	11	20.3	25.6
				25	0	20.1	25.7
			16QAM	1	0	20.7	26.2
				1	12	20.8	26.1
				1	24	20.7	25.5
				12	0	19.0	25.5
				12	6	19.0	25.3
				12	11	19.2	25.6
				25	0	19.2	25.8

OUTPUT POWER FOR LTE BAND 5 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20450	829.0	QPSK	1	0	21.4	26.4
				1	24	21.3	25.2
				1	49	21.2	24.8
				25	0	20.2	25.6
				25	12	20.1	24.8
				25	24	20.3	25.0
				50	0	20.3	25.6
			16QAM	1	0	20.5	26.2
				1	24	20.5	25.4
				1	49	20.5	25.3
				25	0	19.2	25.5
				25	12	19.3	25.0
				25	24	19.3	25.0
				50	0	19.2	25.1
10.0	20525	836.5	QPSK	1	0	21.1	24.6
				1	24	21.6	26.2
				1	49	21.3	25.9
				25	0	20.2	24.9
				25	12	20.3	24.8
				25	24	20.3	25.5
				50	0	20.2	25.0
			16QAM	1	0	20.6	24.9
				1	24	20.8	26.1
				1	49	20.3	25.8
				25	0	19.2	25.0
				25	12	19.3	24.9
				25	24	19.1	25.2
				50	0	19.1	25.1
10.0	20600	844.0	QPSK	1	0	21.2	26.0
				1	24	21.5	25.9
				1	49	21.2	25.1
				25	0	20.1	25.5
				25	12	20.2	25.5
				25	24	20.2	25.7
				50	0	20.1	25.5
			16QAM	1	0	20.4	26.1
				1	24	20.7	25.9
				1	49	20.4	25.3
				25	0	19.2	25.5
				25	12	19.3	25.5
				25	24	19.4	25.8
				50	0	19.2	25.7

7.4.4. LTE BAND 7

OUTPUT POWER FOR LTE BAND 7 (5.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	20775	2502.5	QPSK	1	0	19.0	22.2
				1	12	19.2	22.3
				1	24	19.1	22.3
				12	0	18.2	22.4
				12	6	18.2	22.3
				12	11	18.4	22.5
				25	0	18.4	23.0
			16QAM	1	0	18.1	22.2
				1	12	18.3	22.4
				1	24	18.4	22.5
				12	0	17.4	22.4
				12	6	17.6	22.4
				12	11	17.6	22.6
				25	0	17.4	22.9
5.0	21100	2535.0	QPSK	1	0	18.4	21.6
				1	12	18.5	21.6
				1	24	18.6	21.9
				12	0	17.7	22.0
				12	6	17.7	21.9
				12	11	17.7	21.9
				25	0	17.6	22.5
			16QAM	1	0	18.1	21.9
				1	12	18.0	21.8
				1	24	17.8	21.6
				12	0	16.8	22.0
				12	6	16.7	21.9
				12	11	16.5	21.7
				25	0	16.8	22.6
5.0	21425	2567.5	QPSK	1	0	19.5	23.5
				1	12	19.2	23.3
				1	24	18.9	23.1
				12	0	18.4	23.5
				12	6	18.3	23.3
				12	11	18.4	23.5
				25	0	19.3	23.9
			16QAM	1	0	18.5	23.5
				1	12	18.4	23.3
				1	24	18.3	23.3
				12	0	17.7	23.6
				12	6	17.7	23.5
				12	11	17.4	23.3
				25	0	17.5	24.1

OUTPUT POWER FOR LTE BAND 7 (10.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	20800	2505.0	QPSK	1	0	19.0	22.3
				1	24	19.2	22.5
				1	49	19.2	22.6
				25	0	18.3	22.6
				25	12	18.3	22.5
				25	24	18.4	22.9
				50	0	18.5	23.4
			16QAM	1	0	18.2	22.2
				1	24	18.5	22.5
				1	49	18.5	22.8
				25	0	17.5	22.6
				25	12	17.7	22.7
				25	24	17.6	22.9
				50	0	17.4	23.2
10.0	21100	2535.0	QPSK	1	0	18.6	21.8
				1	24	18.4	21.7
				1	49	18.7	22.0
				25	0	17.8	22.1
				25	12	17.7	21.9
				25	24	17.8	22.1
				50	0	17.7	22.4
			16QAM	1	0	18.2	22.1
				1	24	17.9	21.8
				1	49	17.8	21.8
				25	0	16.9	22.1
				25	12	16.9	21.9
				25	24	16.6	21.8
				50	0	16.8	22.7
10.0	21400	2565.0	QPSK	1	0	19.3	23.6
				1	24	19.2	23.4
				1	49	18.8	23.0
				25	0	18.4	23.6
				25	12	18.3	23.4
				25	24	18.3	23.5
				50	0	18.4	23.9
			16QAM	1	0	18.5	23.6
				1	24	18.5	23.4
				1	49	18.2	23.2
				25	0	16.8	23.8
				25	12	17.8	23.6
				25	24	17.4	23.4
				50	0	17.6	24.1

OUTPUT POWER FOR LTE BAND 7 (15.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
15.0	20825	2507.5	QPSK	1	0	19.2	22.4
				1	37	19.4	22.7
				1	74	19.2	22.6
				36	0	18.5	22.8
				36	16	18.4	22.7
				36	35	18.7	23.3
				75	0	18.8	23.8
			16-QAM	1	0	18.4	22.4
				1	37	18.7	22.8
				1	74	18.2	23.5
				36	0	17.6	22.8
				36	16	17.7	22.9
				36	35	17.9	23.4
				75	0	17.6	23.6
15.0	21100	2535.0	QPSK	1	0	19.0	22.3
				1	37	18.5	21.7
				1	74	19.0	22.4
				36	0	17.9	22.4
				36	16	17.8	22.1
				36	35	17.9	22.2
				75	0	17.8	23.0
			16-QAM	1	0	18.6	22.6
				1	37	17.9	21.9
				1	74	18.2	22.2
				36	0	17.1	22.4
				36	16	16.9	22.1
				36	35	16.8	22.0
				75	0	17.0	22.9
15.0	21375	2562.5	QPSK	1	0	19.1	23.1
				1	37	19.3	23.5
				1	74	19.1	23.0
				36	0	18.3	23.4
				36	16	18.4	23.4
				36	35	18.4	23.6
				75	0	18.4	24.2
			16-QAM	1	0	17.9	23.2
				1	37	18.4	23.6
				1	74	18.1	23.2
				36	0	17.6	23.5
				36	16	17.7	23.6
				36	35	17.4	23.5
				75	0	17.5	24.0

OUTPUT POWER FOR LTE BAND 7 (20.0 MHZ)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
20.0	20850	2510.0	QPSK	1	0	18.9	22.2
				1	49	19.3	22.6
				1	99	18.9	22.3
				50	0	18.3	22.6
				50	24	18.2	22.7
				50	49	18.7	23.1
				100	0	18.6	23.6
			16-QAM	1	0	18.0	22.1
				1	49	18.3	22.6
				1	99	18.8	23.2
				50	0	17.4	22.6
				50	24	17.5	22.9
				50	49	17.8	23.3
				100	0	17.5	23.2
20.0	21100	2535.0	QPSK	1	0	19.0	22.3
				1	49	18.2	21.4
				1	99	19.0	22.4
				50	0	17.8	22.3
				50	24	17.5	21.8
				50	49	17.7	22.2
				100	0	17.7	22.6
			16-QAM	1	0	18.8	22.6
				1	49	17.8	21.6
				1	99	18.3	22.2
				50	0	16.9	22.3
				50	24	16.6	21.8
				50	49	16.6	22.0
				100	0	16.8	22.5
20.0	21350	2560.0	QPSK	1	0	19.5	22.8
				1	49	18.8	23.1
				1	99	18.8	22.7
				50	0	18.7	22.7
				50	24	19.0	22.9
				50	49	19.1	23.2
				100	0	19.0	23.4
			16-QAM	1	0	18.8	22.7
				1	49	18.5	23.2
				1	99	18.2	22.9
				50	0	17.9	22.8
				50	24	18.2	23.2
				50	49	18.0	23.1
				100	0	18.1	23.3

7.4.5. LTE BAND 12

OUTPUT POWER FOR LTE BAND 12 (1.4MHZz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	23017	699.7	QPSK	1	0	22.2	27.0
				1	2	22.2	26.6
				1	5	21.9	26.6
				3	0	22.0	26.9
				3	1	21.9	26.7
				3	2	22.1	26.8
				6	0	21.0	26.0
			16QAM	1	0	21.3	27.0
				1	2	21.2	26.7
				1	5	21.3	26.9
				3	0	21.0	26.9
				3	1	21.1	26.8
				3	2	21.1	26.7
				6	0	20.1	26.5
1.4	23095	707.5	QPSK	1	0	21.7	26.5
				1	2	22.0	26.7
				1	5	22.1	27.1
				3	0	21.9	27.0
				3	1	22.0	27.1
				3	2	22.0	27.1
				6	0	21.0	26.5
			16QAM	1	0	21.1	26.7
				1	2	21.3	26.8
				1	5	21.1	26.8
				3	0	20.9	27.1
				3	1	21.0	27.2
				3	2	20.8	27.0
				6	0	20.1	26.4
1.4	23173	715.3	QPSK	1	0	21.8	26.3
				1	2	21.7	26.2
				1	5	21.6	26.1
				3	0	21.8	26.4
				3	1	21.8	26.4
				3	2	21.8	26.4
				6	0	20.6	26.0
			16QAM	1	0	21.2	26.4
				1	2	21.1	26.2
				1	5	20.9	26.3
				3	0	20.9	26.5
				3	1	20.8	26.4
				3	2	20.5	26.2
				6	0	19.9	26.5

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	23025	700.5	QPSK	1	0	22.1	26.4
				1	7	22.1	26.4
				1	14	22.0	26.3
				8	0	21.0	25.8
				8	4	20.9	25.6
				8	7	21.0	25.9
				15	0	21.1	26.3
			16QAM	1	0	21.3	26.4
				1	7	21.6	26.6
				1	14	21.4	26.4
				8	0	20.2	25.7
				8	4	20.3	25.6
				8	7	20.2	25.7
				15	0	20.1	26.2
3.0	23095	707.5	QPSK	1	0	21.8	26.4
				1	7	22.1	26.8
				1	14	21.9	25.9
				8	0	20.9	26.0
				8	4	21.0	26.1
				8	7	21.0	26.1
				15	0	21.0	26.3
			16QAM	1	0	21.2	26.5
				1	7	21.6	27.0
				1	14	21.2	26.8
				8	0	20.1	25.9
				8	4	20.2	26.0
				8	7	20.0	25.9
				15	0	20.0	26.5
3.0	23165	714.5	QPSK	1	0	21.7	25.1
				1	7	22.0	26.3
				1	14	21.8	26.1
				8	0	20.7	25.6
				8	4	20.8	25.5
				8	7	20.9	25.8
				15	0	20.6	25.9
			16QAM	1	0	21.1	25.8
				1	7	21.1	26.2
				1	14	21.1	26.2
				8	0	20.0	25.5
				8	4	20.0	25.4
				8	7	19.8	25.4
				15	0	19.9	25.9

OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23035	701.5	QPSK	1	0	22.0	26.2
				1	12	22.2	26.5
				1	24	22.0	26.1
				12	0	21.1	26.0
				12	6	20.9	25.5
				12	11	21.1	25.8
				25	0	21.1	26.9
			16QAM	1	0	21.4	26.7
				1	12	21.5	26.5
				1	24	21.5	26.3
				12	0	20.1	25.8
				12	6	20.2	25.7
				12	11	20.1	25.7
				25	0	20.0	26.6
5.0	23095	707.5	QPSK	1	0	22.0	26.5
				1	12	22.1	26.8
				1	24	22.1	26.2
				12	0	21.0	26.2
				12	6	21.0	26.3
				12	11	21.0	26.2
				25	0	21.0	27.3
			16QAM	1	0	21.1	26.5
				1	12	21.3	26.7
				1	24	20.8	25.7
				12	0	20.1	25.9
				12	6	20.1	26.0
				12	11	20.0	26.0
				25	0	20.0	26.9
5.0	23155	713.5	QPSK	1	0	21.9	25.6
				1	12	21.9	26.0
				1	24	21.8	26.2
				12	0	20.7	25.3
				12	6	20.8	25.1
				12	11	20.9	25.5
				25	0	20.6	26.2
			16QAM	1	0	21.2	25.6
				1	12	21.4	27.2
				1	24	21.4	26.3
				12	0	19.7	25.5
				12	6	19.8	25.1
				12	11	19.6	25.3
				25	0	19.9	26.1

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23060	704.0	QPSK	1	0	22.0	26.4
				1	24	22.1	26.4
				1	49	21.8	26.6
				25	0	21.0	26.0
				25	12	20.9	25.9
				25	24	21.0	26.2
				50	0	21.0	26.8
			16QAM	1	0	21.3	26.6
				1	24	21.3	26.4
				1	49	21.2	26.8
				25	0	20.0	25.8
				25	12	20.1	25.8
				25	24	20.1	26.1
				50	0	20.0	26.6
10.0	23095	707.5	QPSK	1	0	21.9	26.1
				1	24	22.1	26.8
				1	49	21.8	25.5
				25	0	20.9	26.0
				25	12	21.1	26.2
				25	24	20.9	25.5
				50	0	21.0	27.1
			16QAM	1	0	21.3	26.3
				1	24	21.4	27.1
				1	49	20.8	25.3
				25	0	20.0	25.8
				25	12	20.1	26.1
				25	24	19.8	25.4
				50	0	19.9	26.6
10.0	23130	711.0	QPSK	1	0	21.9	26.5
				1	24	22.0	25.6
				1	49	21.7	26.1
				25	0	20.8	25.7
				25	12	20.8	25.5
				25	24	20.9	25.3
				50	0	20.7	26.5
			16QAM	1	0	21.1	26.5
				1	24	21.0	25.7
				1	49	21.0	26.2
				25	0	20.1	26.2
				25	12	20.0	25.6
				25	24	19.7	25.1
				50	0	19.9	26.3

7.4.6. LTE BAND 13

OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23207	779.5	QPSK	1	0	21.9	26.0
				1	12	22.0	26.2
				1	24	21.6	26.2
				12	0	20.7	25.8
				12	6	20.6	25.8
				12	11	20.8	26.0
				25	0	20.8	26.4
			16QAM	1	0	20.8	25.4
				1	12	21.1	26.3
				1	24	21.0	26.5
				12	0	19.7	25.7
				12	6	19.9	25.9
				12	11	19.8	25.8
				25	0	19.8	26.3
5.0	23230	782.0	QPSK	1	0	21.8	26.2
				1	12	22.1	26.4
				1	24	22.0	26.5
				12	0	20.8	26.0
				12	6	20.7	25.7
				12	11	20.8	25.9
				25	0	20.7	26.0
			16QAM	1	0	21.0	26.4
				1	12	21.1	26.4
				1	24	20.7	26.3
				12	0	19.8	25.8
				12	6	19.8	25.6
				12	11	19.6	25.4
				25	0	19.8	25.8
5.0	23255	784.5	QPSK	1	0	21.8	26.4
				1	12	21.8	26.4
				1	24	21.7	26.4
				12	0	20.5	25.5
				12	6	20.5	25.6
				12	11	20.8	25.9
				25	0	20.5	26.5
			16QAM	1	0	21.1	26.3
				1	12	21.2	26.4
				1	24	21.1	26.6
				12	0	19.6	25.7
				12	6	19.6	25.6
				12	11	19.4	25.7
				25	0	19.7	26.3

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23230	782.0	QPSK	1	0	22.0	25.7
				1	24	22.2	26.7
				1	49	22.0	26.9
				25	0	21.2	26.5
				25	12	21.2	26.3
				25	24	20.8	26.1
				50	0	21.2	26.9
			16QAM	1	0	21.3	25.8
				1	24	21.3	26.6
				1	49	21.3	26.9
				25	0	20.2	26.4
				25	12	20.2	26.2
				25	24	19.9	26.0
				50	0	20.0	26.5

7.4.7. LTE BAND 17

OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
5.0	23755	706.5	QPSK	1	0	22.2	25.7
				1	12	22.2	25.9
				1	24	21.9	26.2
				12	0	21.1	25.9
				12	6	21.0	25.9
				12	11	21.1	26.1
				25	0	21.1	26.2
			16QAM	1	0	21.2	25.7
				1	12	21.3	25.9
				1	24	21.2	26.4
				12	0	20.2	25.9
				12	6	20.3	26.0
				12	11	20.2	26.1
				25	0	20.2	26.0
5.0	23790	710.0	QPSK	1	0	21.8	25.9
				1	12	22.1	26.7
				1	24	22.0	26.3
				12	0	21.0	26.0
				12	6	21.1	26.2
				12	11	21.2	26.3
				25	0	21.0	26.2
			16QAM	1	0	21.4	26.1
				1	12	21.1	26.9
				1	24	21.2	26.1
				12	0	19.9	26.2
				12	6	20.0	26.2
				12	11	19.8	26.0
				25	0	20.0	26.7
5.0	23825	713.5	QPSK	1	0	21.9	25.5
				1	12	22.0	26.5
				1	24	21.8	25.2
				12	0	20.9	25.7
				12	6	20.9	25.8
				12	11	20.9	25.9
				25	0	20.8	26.3
			16QAM	1	0	21.1	25.9
				1	12	21.2	26.5
				1	24	21.1	25.5
				12	0	20.0	25.5
				12	6	20.0	25.5
				12	11	19.9	25.6
				25	0	19.9	26.2

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth	UL Channel	Frequency	Mode	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
10.0	23780	709.0	QPSK	1	0	22.1	26.0
				1	24	22.1	26.8
				1	49	21.6	25.5
				25	0	21.1	26.2
				25	12	21.0	26.1
				25	24	21.0	25.6
				50	0	21.0	26.3
			16QAM	1	0	21.3	25.9
				1	24	21.5	26.8
				1	49	21.2	26.4
				25	0	20.1	26.2
				25	12	20.1	26.3
				25	24	20.1	25.7
				50	0	20.0	26.8
10.0	23790	710.0	QPSK	1	0	21.7	25.9
				1	24	21.9	25.6
				1	49	21.8	25.5
				25	0	21.0	26.2
				25	12	21.1	25.9
				25	24	21.1	26.1
				50	0	21.0	26.1
			16QAM	1	0	21.3	26.1
				1	24	21.5	26.0
				1	49	20.9	25.5
				25	0	20.1	26.2
				25	12	20.1	25.9
				25	24	19.8	25.4
				50	0	20.0	26.3
10.0	23800	711.0	QPSK	1	0	22.2	26.1
				1	24	22.1	26.4
				1	49	21.7	26.1
				25	0	20.9	26.2
				25	12	20.9	25.9
				25	24	21.0	25.6
				50	0	20.8	26.4
			16QAM	1	0	21.2	26.1
				1	24	21.4	26.8
				1	49	21.2	26.4
				25	0	20.1	26.2
				25	12	20.2	26.1
				25	24	19.9	25.5
				50	0	20.0	26.3

7.4.8. LTE BAND 25

OUTPUT POWER FOR LTE BAND 25 (1.4MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
1.4	26047	1850.7	QPSK	1	0	17.8	21.3
				1	2	17.7	21.0
				1	5	17.3	20.8
				3	0	17.6	21.4
				3	1	17.4	21.0
				3	2	17.6	21.2
				6	0	16.9	21.7
			16QAM	1	0	16.9	21.1
				1	2	17.0	21.1
				1	5	16.8	21.0
				3	0	16.7	21.3
				3	1	16.7	21.3
				3	2	16.7	21.2
				6	0	15.9	21.6
1.4	26365	1882.5	QPSK	1	0	17.5	21.0
				1	2	17.8	21.1
				1	5	17.9	21.3
				3	0	17.8	21.5
				3	1	17.9	21.4
				3	2	18.0	21.6
				6	0	16.9	21.8
			16QAM	1	0	17.0	21.3
				1	2	17.1	21.3
				1	5	16.9	21.1
				3	0	16.8	21.4
				3	1	16.9	21.4
				3	2	16.7	21.2
				6	0	16.1	21.9
1.4	26683	1914.3	QPSK	1	0	17.4	20.8
				1	2	17.2	20.5
				1	5	16.9	20.3
				3	0	17.0	20.7
				3	1	17.0	20.5
				3	2	17.1	20.6
				6	0	16.3	21.1
			16QAM	1	0	16.4	20.8
				1	2	16.3	20.6
				1	5	16.1	20.6
				3	0	16.4	20.9
				3	1	16.4	20.8
				3	2	16.1	20.6
				6	0	15.7	21.3

OUTPUT POWER FOR LTE BAND 25 (3.0 MHz)

Bandwidth	UL Channel	Frequency	Modulation	RB	RB	Average (dBm)	Peak (dBm)
				Size	Offset		
3.0	26055	1851.5	QPSK	1	0	17.9	21.2
				1	7	17.6	20.8
				1	14	17.2	20.6
				8	0	16.8	21.2
				8	4	16.5	20.9
				8	7	16.6	21.1
				15	0	16.9	21.6
			16QAM	1	0	16.9	21.1
				1	7	16.8	20.9
				1	14	16.7	20.8
				8	0	16.0	21.3
				8	4	16.0	21.2
				8	7	16.0	21.2
				15	0	15.8	21.7
3.0	26365	1882.5	QPSK	1	0	17.5	20.9
				1	7	17.9	21.1
				1	14	17.8	21.4
				8	0	16.9	21.3
				8	4	16.9	21.4
				8	7	17.0	21.5
				15	0	16.9	21.9
			16QAM	1	0	17.0	21.1
				1	7	17.3	21.2
				1	14	16.9	21.2
				8	0	16.1	21.3
				8	4	16.1	21.4
				8	7	15.8	21.3
				15	0	16.0	21.8
3.0	26675	1913.5	QPSK	1	0	18.0	21.3
				1	7	17.3	20.5
				1	14	16.9	20.2
				8	0	16.7	21.2
				8	4	16.5	20.9
				8	7	16.4	20.8
				15	0	16.7	21.4
			16QAM	1	0	17.1	21.4
				1	7	16.7	20.7
				1	14	16.2	20.4
				8	0	16.0	21.6
				8	4	16.0	21.3
				8	7	15.6	20.8
				15	0	15.9	21.6