



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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TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	11
2. TEST METHODOLOGY	12
3. FACILITIES AND ACCREDITATION	12
4. CALIBRATION AND UNCERTAINTY	13
4.1. MEASURING INSTRUMENT CALIBRATION	13
4.2. SAMPLE CALCULATION	13
4.3. MEASUREMENT UNCERTAINTY	13
5. EQUIPMENT UNDER TEST	14
5.1. DESCRIPTION OF EUT	14
5.2. MAXIMUM OUTPUT POWER.....	14
5.2.1. MODEL: A1634 (LAT).....	14
5.2.2. MODEL: A1634 (UAT)	20
5.2.3. MODEL: A1687 (LAT).....	25
5.2.4. MODEL: A1687 (UAT)	30
5.3. SOFTWARE AND FIRMWARE.....	35
5.4. MAXIMUM ANTENNA GAIN.....	35
5.5. WORST-CASE CONFIGURATION AND MODE	36
5.6. DESCRIPTION OF TEST SETUP.....	37
6. TEST AND MEASUREMENT EQUIPMENT	39
7. RF POWER OUTPUT VERIFICATION	40
7.1. MODEL: A1634 (LAT).....	41
7.1.1. LTE BAND 2	41
7.1.2. LTE BAND 4	47
7.1.3. LTE BAND 5	53
7.1.4. LTE BAND 7	57
7.1.5. LTE BAND 12	61
7.1.6. LTE BAND 13	65
7.1.7. LTE BAND 17	67
7.1.8. LTE BAND 25	69
7.1.9. LTE BAND 26	75
7.1.10. LTE BAND 30.....	79
7.1.11. LTE BAND 41.....	81

7.2. MODEL: A1634 (UAT)	85
7.2.1. LTE BAND 2	85
7.2.2. LTE BAND 4	91
7.2.3. LTE BAND 5	97
7.2.4. LTE BAND 7	101
7.2.5. LTE BAND 12	105
7.2.6. LTE BAND 13	109
7.2.7. LTE BAND 17	111
7.2.8. LTE BAND 25	113
7.2.9. LTE BAND 26	119
7.2.10. LTE BAND 30.....	123
7.2.11. LTE BAND 41.....	125
7.3. MODEL: A1687 (LAT).....	129
7.3.1. LTE BAND 2	129
7.3.2. LTE BAND 4	135
7.3.3. LTE BAND 5	141
7.3.4. LTE BAND 7	145
7.3.5. LTE BAND 12	149
7.3.6. LTE BAND 13	153
7.3.7. LTE BAND 17	155
7.3.8. LTE BAND 25	157
7.3.9. LTE BAND 26	163
7.3.10. LTE BAND 41.....	167
7.4. MODEL: A1687 (UAT)	171
7.4.1. LTE BAND 2	171
7.4.2. LTE BAND 4	177
7.4.3. LTE BAND 5	183
7.4.4. LTE BAND 7	187
7.4.5. LTE BAND 12	191
7.4.6. LTE BAND 13	195
7.4.7. LTE BAND 17	197
7.4.8. LTE BAND 25	199
7.4.9. LTE BAND 26	205
7.4.10. LTE BAND 41.....	209
8. CONDUCTED TEST RESULTS	213

8.1.	OCCUPIED BANDWIDTH (MODEL: A1634)	213
8.1.1.	LTE BAND 2	221
8.1.2.	LTE BAND 4	227
8.1.3.	LTE BAND 5	233
8.1.4.	LTE BAND 7	237
8.1.5.	LTE BAND 12	241
8.1.6.	LTE BAND 13	245
8.1.7.	LTE BAND 17	247
8.1.8.	LTE BAND 25	249
8.1.9.	LTE BAND 26	255
8.1.10.	LTE BAND 30	263
8.1.11.	LTE BAND 41	265
8.2.	OCCUPIED BANDWIDTH (MODEL: A1687)	269
8.2.1.	LTE BAND 2	275
8.2.2.	LTE BAND 4	281
8.2.3.	LTE BAND 5	287
8.2.4.	LTE BAND 7	291
8.2.5.	LTE BAND 12	295
8.2.6.	LTE BAND 13	299
8.2.7.	LTE BAND 17	301
8.2.8.	LTE BAND 25	303
8.2.9.	LTE BAND 26	309
8.2.10.	LTE BAND 41	317
8.3.	BANDEDGE AND EMISSION MASK (MODEL: A1634)	321
8.3.1.	LTE BAND 2 BANDEDGE	324
8.3.2.	LTE BAND 4 BANDEDGE	372
8.3.3.	LTE BAND 5 BANDEDGE	420
8.3.4.	LTE BAND 7 EMISSION MASK	452
8.3.5.	LTE BAND 12 BANDEDGE	516
8.3.6.	LTE BAND 13 EMISSION MASK	548
8.3.7.	LTE BAND 17 BANDEDGE	564
8.3.8.	LTE BAND 25 BANDEDGE	580
8.3.9.	LTE BAND 26 EMISSION MASK	628
8.3.10.	LTE BAND 30 EMISSION MASK	650
8.3.11.	LTE BAND 41 EMISSION MASK	680

8.4.	BANDEDGE AND EMISSION MASK (MODEL: A1687)	744
8.4.1.	LTE BAND 2 BANDEDGE	747
8.4.2.	LTE BAND 4 BANDEDGE	795
8.4.3.	LTE BAND 5 BANDEDGE	843
8.4.4.	LTE BAND 7 EMISSION MASK	875
8.4.5.	LTE BAND 12 BANDEDGE	939
8.4.6.	LTE BAND 13 EMISSION MASK	971
8.4.7.	LTE BAND 17 BANDEDGE	987
8.4.8.	LTE BAND 25 BANDEDGE	1003
8.4.9.	LTE BAND 26 EMISSION MASK	1051
8.4.10.	LTE BAND 41 EMISSION MASK	1073
8.5.	OUT OF BAND EMISSIONS (MODEL: A1634)	1137
8.5.1.	LTE BAND 2	1138
8.5.2.	LTE BAND 4	1156
8.5.3.	LTE BAND 5	1174
8.5.4.	LTE BAND 7	1186
8.5.5.	LTE BAND 12	1198
8.5.6.	LTE BAND 13	1210
8.5.7.	LTE BAND 17	1214
8.5.8.	LTE BAND 25	1220
8.5.9.	LTE BAND 26	1238
8.5.10.	LTE BAND 30	1248
8.5.11.	LTE BAND 41	1261
8.6.	OUT OF BAND EMISSIONS (MODEL: A1687)	1273
8.6.1.	LTE BAND 2	1274
8.6.2.	LTE BAND 4	1292
8.6.3.	LTE BAND 5	1310
8.6.4.	LTE BAND 7	1322
8.6.5.	LTE BAND 12	1334
8.6.6.	LTE BAND 13	1346
8.6.7.	LTE BAND 17	1350
8.6.8.	LTE BAND 25	1356
8.6.9.	LTE BAND 26	1374
8.6.10.	LTE BAND 41	1384
9.	FREQUENCY STABILITY	1396

9.1. MODEL: A1634.....	1396
9.1.1. LTE BAND 2	1397
9.1.2. LTE BAND 4	1398
9.1.3. LTE BAND 5	1399
9.1.4. LTE BAND 7	1400
9.1.5. LTE BAND 12	1401
9.1.6. LTE BAND 13	1402
9.1.7. LTE BAND 17	1403
9.1.8. LTE BAND 25	1404
9.1.9. LTE BAND 26	1405
9.1.10. LTE BAND 30.....	1406
9.1.11. LTE BAND 41.....	1407
9.2. MODEL: A1687.....	1408
9.2.1. LTE BAND 2	1409
9.2.2. LTE BAND 4	1410
9.2.3. LTE BAND 5	1411
9.2.4. LTE BAND 7	1412
9.2.5. LTE BAND 12	1413
9.2.6. LTE BAND 13	1414
9.2.7. LTE BAND 17	1415
9.2.8. LTE BAND 25	1416
9.2.9. LTE BAND 26	1417
9.2.10. LTE BAND 41.....	1418
10. RADIATED TEST RESULTS	1419
10.1. POWER (ERP & EIRP), MODEL: A1634 (LAT)	1419
10.1.1. LTE BAND 2.....	1433
10.1.2. LTE BAND 4.....	1445
10.1.3. LTE BAND 5.....	1457
10.1.4. LTE BAND 7.....	1465
10.1.5. LTE BAND 12.....	1473
10.1.6. LTE BAND 13.....	1481
10.1.7. LTE BAND 17.....	1485
10.1.8. LTE BAND 25.....	1489
10.1.9. LTE BAND 26.....	1501
10.1.10. LTE BAND 30.....	1509

10.1.11.	LTE BAND 41.....	1513
10.2.	RADIATED POWER (ERP & EIRP), MODEL: A1634 (UAT)	1521
10.2.1.	LTE BAND 2.....	1534
10.2.2.	LTE BAND 4.....	1546
10.2.3.	LTE BAND 5.....	1558
10.2.4.	LTE BAND 7.....	1566
10.2.5.	LTE BAND 12.....	1574
10.2.6.	LTE BAND 13.....	1582
10.2.7.	LTE BAND 17.....	1586
10.2.8.	LTE BAND 25.....	1590
10.2.9.	LTE BAND 26.....	1602
10.2.10.	LTE BAND 30.....	1610
10.2.11.	LTE BAND 41.....	1614
10.3.	RADIATED POWER (ERP & EIRP), MODEL: A1687 (LAT).....	1622
10.3.1.	LTE BAND 2.....	1634
10.3.2.	LTE BAND 4.....	1646
10.3.3.	LTE BAND 5.....	1658
10.3.4.	LTE BAND 7.....	1666
10.3.5.	LTE BAND 12.....	1674
10.3.6.	LTE BAND 13.....	1682
10.3.7.	LTE BAND 17.....	1686
10.3.8.	LTE BAND 25.....	1690
10.3.9.	LTE BAND 26.....	1702
10.3.10.	LTE BAND 41.....	1710
10.4.	RADIATED POWER (ERP & EIRP), MODEL: A1687 (UAT)	1718
10.4.1.	LTE BAND 2.....	1730
10.4.2.	LTE BAND 4.....	1742
10.4.3.	LTE BAND 5.....	1754
10.4.4.	LTE BAND 7.....	1762
10.4.5.	LTE BAND 12.....	1770
10.4.6.	LTE BAND 13.....	1778
10.4.7.	LTE BAND 17.....	1782
10.4.8.	LTE BAND 25.....	1786
10.4.9.	LTE BAND 26.....	1798
10.4.10.	LTE BAND 41.....	1806

10.5. PEAK-TO-AVERAGE RATIO (MODEL: A1634)	1814
10.5.1. LTE BAND 2.....	1814
10.5.2. LTE BAND 4.....	1815
10.5.3. LTE BAND 5.....	1817
10.5.4. LTE BAND 12.....	1818
10.5.5. LTE BAND 13.....	1819
10.5.6. LTE BAND 17.....	1819
10.5.7. LTE BAND 25.....	1820
10.5.8. LTE BAND 26.....	1822
10.5.9. LTE BAND 30.....	1823
10.6. PEAK-TO-AVERAGE RATIO (MODEL: A1687)	1860
10.6.1. LTE BAND 2.....	1860
10.6.2. LTE BAND 4.....	1861
10.6.3. LTE BAND 5.....	1863
10.6.4. LTE BAND 12.....	1864
10.6.5. LTE BAND 13.....	1865
10.6.6. LTE BAND 17.....	1865
10.6.7. LTE BAND 25.....	1866
10.6.8. LTE BAND 26.....	1868
10.7. FIELD STRENGTH OF SPURIOUS RADIATION, MODEL: A1634 (LAT)	1903
10.7.1. LTE BAND 2.....	1905
10.7.2. LTE BAND 4.....	1907
10.7.3. LTE BAND 5.....	1909
10.7.4. LTE BAND 7.....	1911
10.7.5. LTE BAND 12.....	1913
10.7.6. LTE BAND 13.....	1915
10.7.7. LTE BAND 17.....	1917
10.7.8. LTE BAND 25.....	1919
10.7.9. LTE BAND 26.....	1921
10.7.10. LTE BAND 30.....	1923
10.7.11. LTE BAND 41.....	1925
10.8. FIELD STRENGTH OF SPURIOUS RADIATION, MODEL: A1634 (UAT)	1927
10.8.1. LTE BAND 2.....	1927
10.8.2. LTE BAND 4.....	1929
10.8.3. LTE BAND 5.....	1931

10.8.4.	LTE BAND 7.....	1933
10.8.5.	LTE BAND 12.....	1935
10.8.6.	LTE BAND 13.....	1937
10.8.7.	LTE BAND 17.....	1939
10.8.8.	LTE BAND 25.....	1941
10.8.9.	LTE BAND 26.....	1943
10.8.10.	LTE BAND 30.....	1945
10.8.11.	LTE BAND 41.....	1947
10.9.	FIELD STRENGTH OF SPURIOUS RADIATION, MODEL: A1687 (LAT)	1949
10.9.1.	LTE BAND 2.....	1949
10.9.2.	LTE BAND 4.....	1951
10.9.3.	LTE BAND 5.....	1953
10.9.4.	LTE BAND 7.....	1955
10.9.5.	LTE BAND 12.....	1957
10.9.6.	LTE BAND 13.....	1959
10.9.7.	LTE BAND 17.....	1961
10.9.8.	LTE BAND 25.....	1963
10.9.9.	LTE BAND 26.....	1965
10.9.10.	LTE BAND 41.....	1967
10.10.	FIELD STRENGTH OF SPURIOUS RADIATION, MODEL: A1687 (UAT)	1969
10.10.1.	LTE BAND 2.....	1969
10.10.2.	LTE BAND 4.....	1971
10.10.3.	LTE BAND 5.....	1973
10.10.4.	LTE BAND 7.....	1975
10.10.5.	LTE BAND 12.....	1977
10.10.6.	LTE BAND 13.....	1979
10.10.7.	LTE BAND 17.....	1981
10.10.8.	LTE BAND 25.....	1983
10.10.9.	LTE BAND 26.....	1985
10.10.10.	LTE BAND 41	1987
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)

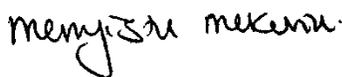
DATE TESTED: APRIL 30, 2015 – JULY 27, 2015

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
UL Verification Services Inc. By:



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
<input type="checkbox"/> Chamber A	<input type="checkbox"/> Chamber D
<input type="checkbox"/> Chamber B	<input type="checkbox"/> Chamber E
<input type="checkbox"/> Chamber C	<input type="checkbox"/> Chamber F
	<input checked="" type="checkbox"/> Chamber G
	<input checked="" type="checkbox"/> 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. DESCRIPTION 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

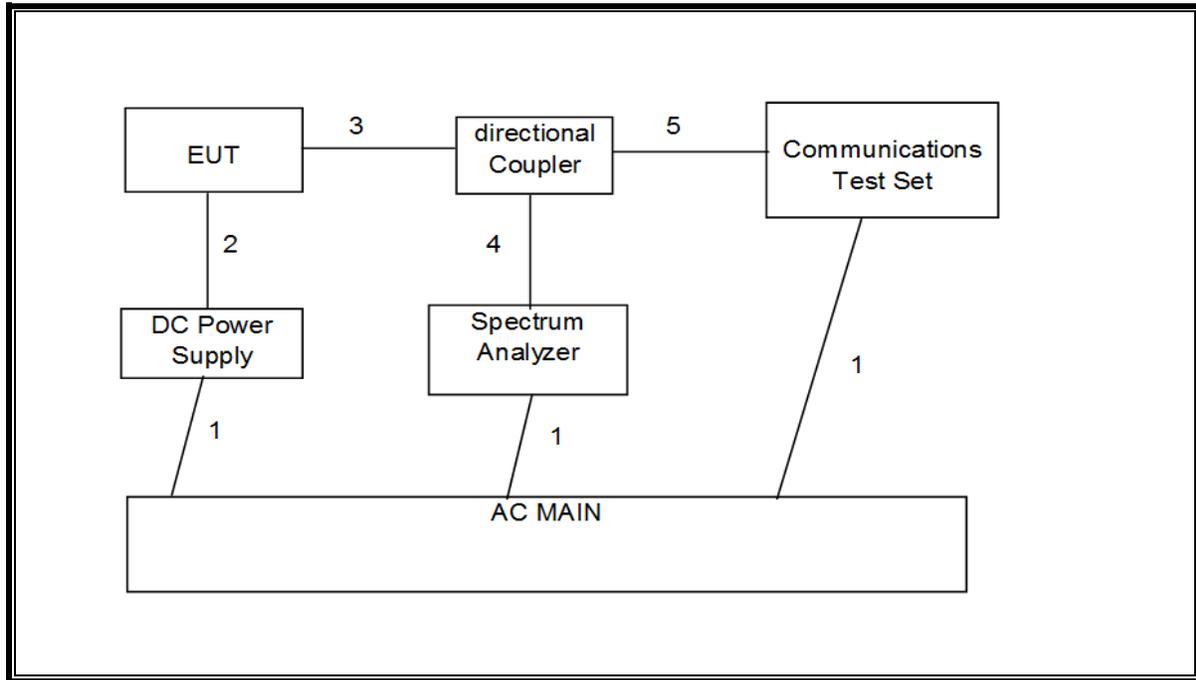
I/O CABLES (RF RADIATED TEST)

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

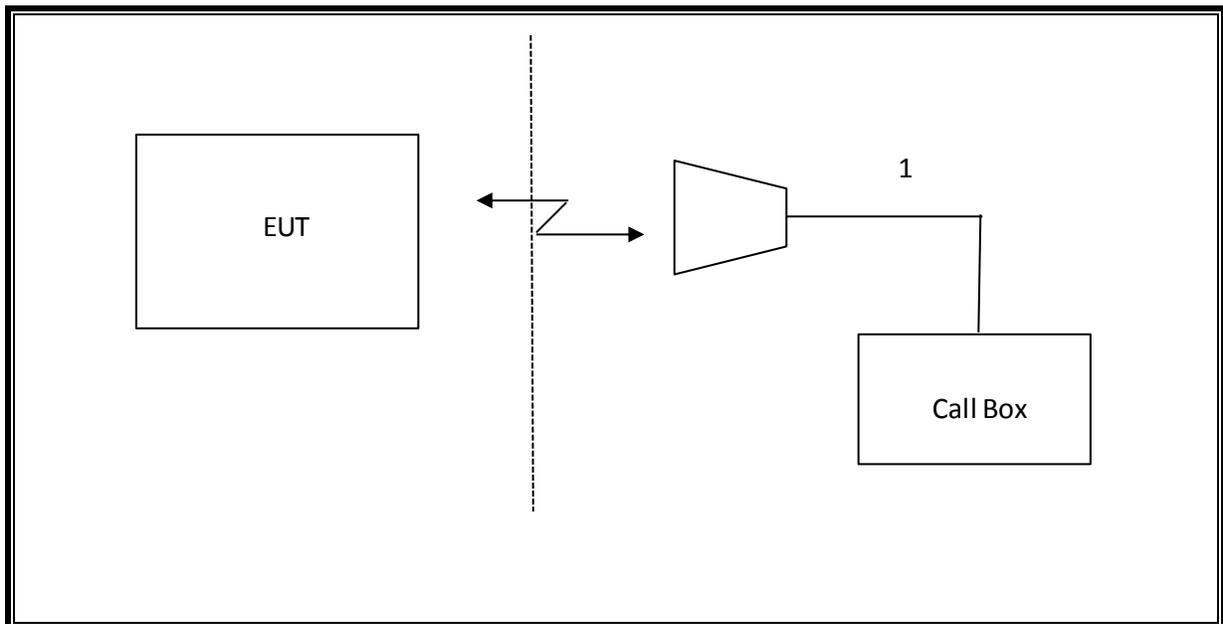
TEST SETUP

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
			16QAM	6	0	22.5	27.7
				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
			16QAM	6	0	22.6	27.5
				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
			16QAM	6	0	22.6	28.0
				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
			16QAM	15	0	22.6	27.7
				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	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				
16QAM	15	0	22.6				27.7
	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				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	
16QAM				15	0	22.6	28.0
				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
			16QAM	25	0	22.6	27.8
				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
			16QAM	25	0	22.6	28.2
				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
			16QAM	25	0	22.6	28.1
				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
			16QAM	50	0	22.7	27.8
				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
			16QAM	50	0	22.7	27.8
				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
			16QAM	50	0	22.7	28.1
				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
			16-QAM	100	0	22.7	27.9
				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
20.0	18900	1880.0	QPSK	50	49	21.7	27.8
				100	0	21.6	27.9
				1	0	23.6	27.8
				1	49	23.6	27.2
				1	99	23.7	27.3
				50	0	22.6	27.5
			16-QAM	50	24	22.7	27.5
				50	49	22.6	27.7
				100	0	22.6	28.3
				1	0	22.9	28.0
				1	49	23.1	27.4
				1	99	23.1	27.4
20.0	19100	1900.0	QPSK	50	0	21.6	27.5
				50	24	21.6	27.5
				50	49	21.6	27.7
				100	0	21.6	28.0
				1	0	23.5	27.4
				1	49	23.6	27.5
			16-QAM	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
				1	0	23.1	27.4
16-QAM	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
			16QAM	15	0	22.6	27.6
				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
			16QAM	15	0	22.6	28.0
				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
			16QAM	15	0	22.6	27.8
				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
			16QAM	25	0	22.6	28.3
				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
5.0	20175	1732.5	QPSK	12	11	21.7	27.3
				25	0	21.6	28.0
				1	0	23.9	28.0
				1	12	23.8	27.8
				1	24	23.8	27.8
				12	0	22.6	27.7
			16QAM	12	6	22.7	27.6
				12	11	22.7	27.6
				25	0	22.6	27.8
				1	0	22.9	28.0
				1	12	22.8	27.9
				1	24	22.8	27.9
5.0	20375	1752.5	QPSK	12	0	21.7	27.4
				12	6	21.8	27.4
				12	11	21.8	27.5
				25	0	21.6	27.5
				1	0	23.8	27.9
				1	12	23.7	28.0
			16QAM	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
				1	0	23.2	28.0
16QAM	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
			16QAM	50	0	22.6	27.8
				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
			16QAM	50	0	22.7	28.1
				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
			16QAM	50	0	22.6	28.3
				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
			16QAM	15	0	22.6	28.1
				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	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				
16QAM	15	0	22.6				27.8
	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				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	
16QAM				15	0	22.6	28.3
				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
			16QAM	25	0	22.7	28.0
				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
5.0	20525	836.5	QPSK	12	11	21.7	27.7
				25	0	21.7	27.8
				1	0	23.8	28.0
				1	12	24.0	27.8
				1	24	23.9	27.5
				12	0	22.6	27.9
			16QAM	12	6	22.7	27.9
				12	11	22.7	27.9
				25	0	22.7	28.0
				1	0	22.9	28.0
				1	12	22.9	27.8
				1	24	22.9	27.6
5.0	20625	846.5	QPSK	12	0	21.7	27.7
				12	6	21.8	27.7
				12	11	21.8	27.8
				25	0	21.6	28.0
				1	0	23.8	28.8
				1	12	23.7	28.6
			16QAM	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
				1	0	23.1	28.6
16QAM	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
			16QAM	25	0	21.5	26.6
				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
			16QAM	25	0	21.4	27.4
				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
			16QAM	25	0	21.5	26.8
				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
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
			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
			16QAM	6	0	22.5	27.5
				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
			16QAM	6	0	22.7	27.8
				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
			16QAM	6	0	22.7	28.0
				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
			16QAM	15	0	22.6	27.6
				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
			16QAM	15	0	22.5	27.7
				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
			16QAM	15	0	22.5	27.7
				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
			16-QAM	100	0	22.7	28.1
				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
20.0	26365	1882.5	QPSK	50	49	21.7	27.7
				100	0	21.7	27.6
				1	0	23.7	27.4
				1	49	23.8	27.3
				1	99	23.6	27.3
				50	0	22.8	27.4
			16-QAM	50	24	22.8	27.6
				50	49	22.7	27.5
				1	0	22.9	28.1
				1	49	22.5	27.7
				1	99	22.8	27.7
				50	0	21.7	27.4
20.0	26590	1905.0	QPSK	50	24	21.7	27.6
				50	49	21.6	27.0
				100	0	21.7	28.0
				1	0	23.7	27.8
				1	49	23.7	27.5
				1	99	23.4	26.8
			16-QAM	50	0	22.8	27.8
				50	24	22.8	27.7
				50	49	22.7	27.7
				100	0	22.8	28.2
				1	0	22.6	28.1
				1	49	22.9	27.6
16-QAM	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
			16QAM	15	0	22.5	28.1
				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	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				
16QAM	15	0	22.6				27.8
	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				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	
16QAM				15	0	22.5	28.2
				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
			16QAM	25	0	22.6	27.5
				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
			16QAM	25	0	22.7	28.0
				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
			16QAM	25	0	22.6	28.6
				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
			16QAM	25	0	21.4	26.7
				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
			16QAM	25	0	21.4	26.6
				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
			16QAM	25	0	21.4	26.6
				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
			16-QAM	100	0	21.2	26.2
				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
			16-QAM	100	0	21.3	26.5
				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
			16-QAM	100	0	21.1	26.3
				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
			16QAM	6	0	16.9	21.8
				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
			16QAM	6	0	16.8	21.6
				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
			16QAM	6	0	17.0	22.3
				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
			3.0	18900	1880.0	QPSK	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
3.0	19185	1908.5				QPSK	1
			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
				12	11	16.0	21.2
				25	0	15.9	21.9
5.0	18900	1880.0	QPSK	1	0	17.8	21.1
				1	12	17.8	21.0
				1	24	18.0	21.2
				12	0	17.0	21.3
				12	6	17.0	21.2
				12	11	17.0	21.3
			16QAM	25	0	17.0	21.9
				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
				25	0	16.1	21.6
5.0	19175	1907.5	QPSK	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
			16QAM	50	0	17.2	22.0
				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
			16QAM	50	0	17.1	21.8
				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
			16QAM	50	0	17.2	22.1
				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
			16-QAM	100	0	17.1	22.3
				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
20.0	18900	1880.0	QPSK	50	49	16.0	21.9
				100	0	16.1	22.3
				1	0	18.0	22.1
				1	49	17.8	21.0
				1	99	18.2	22.5
				50	0	17.1	21.7
			16-QAM	50	24	17.1	21.5
				50	49	17.1	22.0
				100	0	17.1	22.1
				1	0	17.3	22.2
				1	49	17.2	21.0
				1	99	17.1	22.5
20.0	19100	1900.0	QPSK	50	0	16.0	21.7
				50	24	16.1	21.5
				50	49	16.1	22.0
				100	0	16.1	22.2
				1	0	18.1	22.6
				1	49	18.0	21.3
			16-QAM	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
				1	0	17.2	22.6
16-QAM	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
			16QAM	15	0	18.7	23.8
				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
				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
			16QAM	15	0	18.4	24.0
				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
				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
			16QAM	15	0	18.4	23.6
				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
				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
			16QAM	25	0	18.6	23.8
				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
5.0	20175	1732.5	QPSK	12	11	17.7	23.1
				25	0	17.6	23.8
				1	0	19.7	24.5
				1	12	19.7	24.3
				1	24	19.6	24.3
				12	0	18.4	23.8
			16QAM	12	6	18.4	23.8
				12	11	18.4	23.7
				25	0	18.4	23.8
				1	0	18.8	24.4
				1	12	18.7	24.2
				1	24	18.6	24.3
5.0	20375	1752.5	QPSK	12	0	17.4	23.5
				12	6	17.5	23.5
				12	11	17.5	23.5
				25	0	17.4	23.6
				1	0	19.6	23.7
				1	12	19.6	23.7
			16QAM	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
				1	0	19.0	23.7
16QAM	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
			16QAM	15	0	20.5	25.5
				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
			16QAM	15	0	20.4	25.7
				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
			16QAM	15	0	20.5	26.1
				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
			16QAM	50	0	20.5	25.8
				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
10.0	20525	836.5	QPSK	25	24	19.5	25.3
				50	0	19.4	25.3
				1	0	21.5	25.0
				1	24	21.8	26.4
				1	49	21.5	26.1
				25	0	20.4	25.2
			16QAM	25	12	20.5	25.0
				25	24	20.5	25.7
				50	0	20.4	25.2
				1	0	20.8	25.1
				1	24	20.9	26.2
				1	49	20.7	26.2
10.0	20600	844.0	QPSK	25	0	19.4	25.1
				25	12	19.5	25.1
				25	24	19.4	25.4
				50	0	19.3	25.3
				1	0	21.4	26.3
				1	24	21.7	26.1
			16QAM	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
				1	0	20.6	26.3
16QAM	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
			16QAM	25	0	18.6	23.2
				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
			16QAM	25	0	17.8	22.7
				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
			16QAM	25	0	19.7	24.3
				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
			16QAM	6	0	21.2	26.2
				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
			16QAM	6	0	21.2	26.7
				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
			16QAM	6	0	21.0	26.4
				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
			16QAM	15	0	21.3	26.5
				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
			16QAM	15	0	21.2	26.5
				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
			16QAM	15	0	21.0	26.3
				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
			16QAM	50	0	21.2	27.0
				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
			16QAM	50	0	21.2	27.3
				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
			16QAM	50	0	21.1	26.9
				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
			16QAM	50	0	21.2	26.5
				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
10.0	23790	710.0	QPSK	25	24	20.3	25.9
				50	0	20.2	27.0
				1	0	22.1	26.3
				1	24	22.2	25.8
				1	49	22.0	25.7
				25	0	21.2	26.4
			16QAM	25	12	21.3	26.1
				25	24	21.2	26.2
				50	0	21.2	26.3
				1	0	21.5	26.3
				1	24	21.6	26.1
				1	49	21.3	25.9
10.0	23800	711.0	QPSK	25	0	20.3	26.4
				25	12	20.3	26.1
				25	24	20.2	25.8
				50	0	20.2	26.5
				1	0	22.3	26.2
				1	24	22.3	26.6
			16QAM	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
				1	0	21.4	26.3
16QAM	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
			16QAM	6	0	17.1	21.9
				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
			16QAM	6	0	17.1	22.1
				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
			16QAM	6	0	16.7	21.5
				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
			16QAM	15	0	17.1	21.8
				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
			16QAM	15	0	17.1	22.1
				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
			16QAM	15	0	17.1	21.8
				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
			16QAM	25	0	16.9	21.9
				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
5.0	26365	1882.5	QPSK	12	11	15.9	21.2
				25	0	15.9	21.8
				1	0	17.8	21.1
				1	12	18.0	21.3
				1	24	18.2	21.6
				12	0	16.9	21.3
			16QAM	12	6	17.0	21.4
				12	11	17.0	21.5
				25	0	17.0	22.1
				1	0	16.9	21.1
				1	12	17.1	21.2
				1	24	17.1	21.6
5.0	26665	1912.5	QPSK	12	0	16.1	21.3
				12	6	16.2	21.4
				12	11	16.1	21.5
				25	0	16.1	21.7
				1	0	18.3	22.1
				1	12	17.8	21.0
			16QAM	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
				1	0	17.6	22.3
16QAM	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
			16QAM	50	0	17.1	22.3
				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
			16QAM	50	0	17.1	22.1
				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
			16QAM	50	0	17.2	22.2
				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	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				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
			16QAM	25	0	20.5	26.2
				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
			16QAM	25	0	20.5	26.1
				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
			16QAM	25	0	20.4	26.3
				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
			16-QAM	100	0	20.2	26.2
				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
			16-QAM	100	0	20.2	26.1
				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
			16-QAM	100	0	20.2	25.6
				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
			16QAM	6	0	22.3	27.5
				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
			16QAM	6	0	22.4	27.3
				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
			16QAM	6	0	22.2	27.7
				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
			16QAM	15	0	22.4	27.5
				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	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				
16QAM	15	0	22.4				27.5
	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				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	
16QAM				15	0	22.2	27.7
				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
			16QAM	25	0	22.4	27.5
				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
			16QAM	25	0	22.4	28.0
				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
			16QAM	25	0	22.2	27.7
				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
			16QAM	50	0	22.4	27.6
				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
			16QAM	50	0	22.5	27.6
				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
			16QAM	50	0	22.3	27.8
				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
			16-QAM	100	0	22.4	27.7
				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
20.0	18900	1880.0	QPSK	50	49	21.5	27.6
				100	0	21.4	27.7
				1	0	23.2	27.4
				1	49	23.4	27.0
				1	99	23.4	27.1
				50	0	22.4	27.3
			16-QAM	50	24	22.6	27.4
				50	49	22.4	27.5
				100	0	22.4	28.1
				1	0	22.7	27.8
				1	49	22.8	27.1
				1	99	22.7	27.0
20.0	19100	1900.0	QPSK	50	0	21.5	27.4
				50	24	21.4	27.2
				50	49	21.3	27.4
				100	0	21.3	27.7
				1	0	23.2	27.1
				1	49	23.5	27.4
			16-QAM	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
				1	0	22.8	27.1
16-QAM	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
			16QAM	6	0	22.9	27.8
				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
			16QAM	6	0	22.4	27.8
				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
			16QAM	6	0	22.3	27.7
				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	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				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
			16QAM	25	0	22.4	28.0
				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
5.0	20175	1732.5	QPSK	12	11	21.5	27.1
				25	0	21.4	27.8
				1	0	23.5	27.6
				1	12	23.6	27.6
				1	24	23.6	27.6
				12	0	22.4	27.4
			16QAM	12	6	22.6	27.4
				12	11	22.5	27.4
				25	0	22.4	27.6
				1	0	22.7	27.8
				1	12	22.5	27.5
				1	24	22.4	27.5
5.0	20375	1752.5	QPSK	12	0	21.6	27.3
				12	6	21.6	27.2
				12	11	21.5	27.2
				25	0	21.4	27.2
				1	0	23.5	27.6
				1	12	23.6	27.9
			16QAM	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
				1	0	22.9	27.6
16QAM	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
			16QAM	50	0	22.4	27.5
				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
			16QAM	50	0	22.4	27.8
				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
			16QAM	50	0	22.3	27.9
				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
			16QAM	15	0	22.4	27.8
				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	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				
16QAM	15	0	22.4				27.5
	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				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	
16QAM				15	0	22.2	28.0
				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
			16QAM	50	0	22.5	28.0
				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
			16QAM	50	0	22.5	27.7
				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
			16QAM	50	0	22.3	28.3
				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
			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
			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
			16-QAM	100	0	20.9	25.8
				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
20.0	21100	2535.0	QPSK	100	0	20.0	25.4
				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
			16-QAM	50	49	21.2	26.7
				100	0	21.1	25.9
				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
20.0	21350	2560.0	QPSK	50	49	20.1	25.6
				100	0	20.9	25.5
				1	0	22.0	26.6
				1	49	22.3	26.7
				1	99	22.1	26.6
				50	0	21.1	26.0
			16-QAM	50	24	21.2	25.6
				50	49	21.2	25.6
				100	0	21.4	25.5
				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
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
			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
			16QAM	50	0	22.2	27.7
				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
10.0	23095	707.5	QPSK	25	24	21.2	27.1
				50	0	21.2	27.6
				1	0	23.0	26.7
				1	24	23.3	27.2
				1	49	23.2	27.7
				25	0	22.1	27.0
			16QAM	25	12	22.3	27.3
				25	24	22.2	27.2
				50	0	22.1	27.3
				1	0	22.4	27.0
				1	24	22.5	27.1
				1	49	22.2	27.4
10.0	23130	711.0	QPSK	25	0	21.3	27.1
				25	12	21.2	27.0
				25	24	21.1	27.0
				50	0	21.0	27.2
				1	0	23.1	27.0
				1	24	23.4	27.8
			16QAM	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
				1	0	22.3	27.0
16QAM	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
			16QAM	50	0	22.6	27.9
				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
10.0	23790	710.0	QPSK	25	24	21.6	27.7
				50	0	21.5	27.7
				1	0	23.2	26.9
				1	24	23.6	27.7
				1	49	23.5	28.1
				25	0	22.5	27.4
			16QAM	25	12	22.7	27.8
				25	24	22.6	27.5
				50	0	22.6	27.6
				1	0	22.8	27.1
				1	24	22.9	27.7
				1	49	22.5	27.2
10.0	23800	711.0	QPSK	25	0	21.6	27.6
				25	12	21.6	27.6
				25	24	21.5	27.5
				50	0	21.4	28.0
				1	0	23.5	27.0
				1	24	23.8	27.7
			16QAM	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
				1	0	22.7	27.4
16QAM	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
			16QAM	15	0	22.4	27.3
				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
			16QAM	15	0	22.3	27.5
				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
			16QAM	15	0	22.1	27.4
				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
			16QAM	50	0	22.3	27.2
				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
			16QAM	50	0	22.4	27.8
				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
			16QAM	50	0	22.2	27.5
				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
			16-QAM	100	0	22.5	27.8
				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
			16-QAM	100	0	22.6	27.7
				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
			16-QAM	100	0	22.5	27.9
				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	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				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
			16QAM	25	0	22.4	27.3
				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
5.0	26740	819.0	QPSK	12	11	21.5	27.2
				25	0	21.4	27.6
				1	0	23.1	26.9
				1	12	23.4	27.0
				1	24	23.4	28.2
				12	0	22.3	27.1
			16QAM	12	6	22.5	27.2
				12	11	22.4	27.0
				25	0	22.4	27.7
				1	0	22.0	27.1
				1	12	22.3	28.5
				1	24	22.1	28.1
5.0	26765	821.5	QPSK	12	0	21.3	27.2
				12	6	21.3	27.1
				12	11	21.2	27.0
				25	0	21.3	27.3
				1	0	23.2	26.8
				1	12	23.5	28.1
			16QAM	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
				1	0	22.4	27.5
16QAM	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
			16QAM	25	0	21.0	26.3
				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
			16QAM	25	0	21.2	26.4
				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
			16QAM	25	0	21.0	26.2
				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
			16-QAM	100	0	20.8	25.8
				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
			16-QAM	100	0	21.1	26.2
				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
			16-QAM	100	0	20.7	25.9
				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
			16QAM	6	0	16.7	21.6
				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
			16QAM	6	0	16.6	21.4
				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
			16QAM	6	0	16.6	21.9
				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
			16QAM	15	0	16.8	21.6
				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
			16QAM	15	0	16.8	21.5
				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
			16QAM	15	0	16.7	22.1
				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
			16QAM	25	0	16.9	21.6
				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
5.0	18900	1880.0	QPSK	12	11	15.7	21.0
				25	0	15.7	21.7
				1	0	17.4	20.7
				1	12	17.5	20.8
				1	24	17.8	21.0
				12	0	16.7	21.1
			16QAM	12	6	16.8	21.0
				12	11	16.8	21.1
				25	0	16.8	21.7
				1	0	16.8	21.0
				1	12	16.8	21.0
				1	24	16.7	20.9
5.0	19175	1907.5	QPSK	12	0	16.0	21.2
				12	6	16.0	21.1
				12	11	16.0	21.2
				25	0	15.9	21.4
				1	0	17.9	21.2
				1	12	17.9	21.9
			16QAM	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
				1	0	17.0	21.2
16QAM	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
			16QAM	50	0	17.0	21.8
				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
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
			16QAM	50	0	16.9	21.6
				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
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
			16QAM	50	0	16.8	21.7
				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

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
			16-QAM	100	0	16.9	22.1
				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
20.0	18900	1880.0	QPSK	50	49	15.8	21.7
				100	0	15.9	22.1
				1	0	17.6	21.7
				1	49	17.5	20.8
				1	99	18.0	22.3
				50	0	16.9	21.5
			16-QAM	50	24	16.9	21.3
				50	49	16.9	21.8
				100	0	16.9	21.9
				1	0	17.1	22.0
				1	49	17.0	20.9
				1	99	16.7	22.1
20.0	19100	1900.0	QPSK	50	0	15.9	21.6
				50	24	15.9	21.3
				50	49	15.9	21.8
				100	0	15.9	22.0
				1	0	17.9	22.3
				1	49	17.8	21.1
			16-QAM	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
				1	0	17.0	22.4
16-QAM	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
			16QAM	15	0	18.5	23.6
				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	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				
16QAM	15	0	18.1				23.8
	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				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	
16QAM				15	0	18.0	23.2
				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
			16QAM	25	0	18.4	23.6
				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
5.0	20175	1732.5	QPSK	12	11	17.5	22.9
				25	0	17.4	23.6
				1	0	19.3	24.1
				1	12	19.4	24.1
				1	24	19.4	24.1
				12	0	18.2	23.5
			16QAM	12	6	18.2	23.6
				12	11	18.2	23.5
				25	0	18.2	23.6
				1	0	18.6	24.2
				1	12	18.6	24.1
				1	24	18.2	23.9
5.0	20375	1752.5	QPSK	12	0	17.3	23.4
				12	6	17.3	23.3
				12	11	17.2	23.3
				25	0	17.2	23.4
				1	0	19.4	23.4
				1	12	19.4	23.5
			16QAM	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
				1	0	18.7	23.5
16QAM	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
			16QAM	50	0	18.5	23.5
				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
			16QAM	50	0	18.2	23.7
				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
			16QAM	50	0	18.0	22.9
				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
			16QAM	15	0	20.3	25.3
				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
			16QAM	15	0	20.2	25.5
				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
			16QAM	15	0	20.1	25.7
				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
			16QAM	25	0	20.3	25.7
				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
5.0	20525	836.5	QPSK	12	11	19.3	25.0
				25	0	19.3	25.5
				1	0	21.3	24.9
				1	12	21.6	26.0
				1	24	21.5	26.4
				12	0	20.2	25.1
			16QAM	12	6	20.3	25.0
				12	11	20.3	24.9
				25	0	20.2	25.8
				1	0	20.5	25.1
				1	12	20.7	25.6
				1	24	20.3	26.1
5.0	20625	846.5	QPSK	12	0	19.4	25.2
				12	6	19.4	25.1
				12	11	19.3	25.0
				25	0	19.2	25.4
				1	0	21.5	26.2
				1	12	21.4	26.1
			16QAM	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
				1	0	20.7	26.2
5.0	20425	826.5	QPSK	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
			16QAM	25	0	18.4	23.0
				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
			16QAM	25	0	17.6	22.5
				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
			16QAM	25	0	19.3	23.9
				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			
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			
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
			16QAM	15	0	21.1	26.3
				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	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				
16QAM	15	0	21.0				26.3
	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				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	
16QAM				15	0	20.6	25.9
				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
			16QAM	50	0	21.0	26.8
				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
			16QAM	50	0	21.0	27.1
				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
			16QAM	50	0	20.7	26.5
				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
			16QAM	25	0	20.8	26.4
				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
			16QAM	25	0	20.7	26.0
				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
			16QAM	25	0	20.5	26.5
				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
			16QAM	6	0	16.9	21.7
				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
			16QAM	6	0	16.9	21.8
				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
			16QAM	6	0	16.3	21.1
				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
			16QAM	15	0	16.9	21.6
				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	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				
16QAM	15	0	16.9				21.9
	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				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	
16QAM				15	0	16.7	21.4
				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