



FCC RADIO TEST REPORT

FCC ID : 2AXZJ-CTX0700
Equipment : Telematics Control Unit
Brand Name : Lucid USA, Inc
Model Name : P11-K29000
Applicant : Lucid USA, Inc
Lucid Motors, Inc 7373 Gateway Blvd,
Newark, California, United States, 94560
Manufacturer : Lucid USA, Inc
Lucid Motors, Inc 7373 Gateway Blvd,
Newark, California, United States, 94560
Standard : 47 CFR Part 22(H), 24(E), 27, 90

The product was received on Sep. 08, 2020, and testing was started from Sep. 08, 2020 and completed on Oct. 01, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI/TIA-603-E-2016 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FG000705	01	Initial issue of report	Nov. 25, 2020
FG000705	02	1. Revise Antenna Information 2. Revise Appendix A.1_Average Power (This report is the latest version replacing for the report issued on Nov. 25, 2020)	Nov. 26, 2020
FG000705	03	Update Equipment and Model name (This report is the latest version replacing for the report issued on Nov. 26, 2020)	Dec. 16, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	2.1046	Conducted Output Power	PASS	-
	22.913(a)(5) 27.50(c)(1)(9) 27.50(b)(4)(9)	Effective Radiated Power	PASS	-
	24.232(a) 27.50(d)(2) 27.50(d)(4) 27.50(h)(2)	Equivalent Isotropic Radiated Power		
3.2	22.913(d) 24.232(d) 27.50(d)(5)	Peak-to-Average Ratio	PASS	-
3.3	2.1049	Occupied Bandwidth	PASS	-
3.4	2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(g) 27.53(c) 27.53(m)(4)	Conducted Band Edge	PASS	-
3.5	2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(g) 27.53(c) 27.53(m)(4)	Conducted Spurious Emission	PASS	-
3.6	2.1053 22.917(a) 24.238(a) 27.53(h) 27.53(g) 27.53(c)(f) 27.53(m)(4)	Radiated Spurious Emission	PASS	-
3.7	2.1055 22.355 24.235 27.54	Frequency Stability for Temperature & Voltage	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Tsai

Report Producer: Ann Hou



1 General Description

1.1 Information

1.1.1 RF General Information

Items	Description				
Operating Frequency	Band		Bandwidth (MHz)	TX Frequency (MHz)	RX Frequency (MHz)
	☒	GSM 850	0.2	824.2 – 849.2	869.2 – 894.2
	☒	PCS 1900	0.2	1850.2 - 1909.8	1930.2 - 1989.8
	☒	WCDMA Band V	5	826.4 - 846.6	871.4 - 891.6
	☒	WCDMA Band II	5	1852.4 - 1907.6	1932.4 - 1987.6
	☒	WCDMA Band IV	5	1712.4 - 1752.6	2112.4 - 2152.6
	☒	LTE Band 5	1.4	824.7 - 848.3	869.7 - 893.3
			3	825.5 - 847.5	870.5 - 892.5
			5	826.5 - 846.5	871.5 - 891.5
			10	829.0 - 844.0	874.0 - 889.0
	☒	LTE Band 2	1.4	1850.7 - 1909.3	1930.7 - 1989.3
			3	1851.5 - 1908.5	1931.5 - 1988.5
			5	1852.5 - 1907.5	1932.5 - 1987.5
			10	1855.0 - 1905.0	1935.0 - 1985.0
			15	1857.5 - 1902.5	1937.5 -1982.5
			20	1860.0 - 1900.0	1940.0 - 1980.0
	☒	LTE Band 4	1.4	1710.7 - 1754.3	2110.7 - 2154.3
			3	1711.5 - 1753.5	2111.5 - 2153.5
			5	1712.5 - 1752.5	2112.5 - 2152.5
			10	1715.0 - 1750.0	2115.0 - 2150.0
			15	1717.5 - 1747.5	2117.5 - 2147.5
			20	1720.0 - 1745.0	2120.0 - 2145.0
	☒	LTE Band 7	5	2502.5 – 2567.5	2622.5 – 2687.5
			10	2505 – 2565	2625 – 2685
			15	2507.5 – 2562.5	2627.5 – 2682.5
			20	2510 - 2560	2630 - 2680
	☒	LTE Band 12	1.4	699.7 - 715.3	729.7 - 745.3
			3	700.5 - 714.5	730.5 - 744.5
5			701.5 - 713.5	731.5 - 743.5	
10			704.0 - 711.0	734.0 - 741.0	
☒	LTE Band 13	5	779.5 - 784.5	748.5 - 753.5	
		10	782.0	751.0	
Type of Modulation	GSM/GPRS: GMSK EDGE: 8PSK WCDMA: BPSK / QPSK HSDPA: BPSK / QPSK HSUPA: BPSK / QPSK LTE: QPSK / 16QAM / 64QAM				

Note: The above information was declared by manufacturer.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Amphenol	L: UDB332-04-000-C , R: UDB332-04-100-C	FPC	FARKA
2	Amphenol	L: UDB332-04-000-C , R: UDB332-04-100-C	FPC	FARKA
3	Amphenol	L :UDB331-04-000-C-SHT180, R: UDB331-04-100-C-SHT180	FPC	FARKA
4	Amphenol	L :UDB331-04-000-C-SHT180, R: UDB331-04-100-C-SHT180	FPC	FARKA

Ant.	Port	2.4G Gain (dBi)						Remark (Note. 1)
		2400	2420	2440	2460	2480	2500	
1	1	4.07	3.64	2.57	4.07	3.24	3.28	w/o cable
		-0.88	-1.31	-2.38	-0.88	-1.71	-1.67	with cable

Ant.	Port	5G Gain (dBi)							Remark (Note. 2)
		5150	5200	5250	5700	5750	5800	5850	
1~2	1~2	4.04	4.05	3.53	3.52	3.62	4.16	2.26	w/o cable
		-3.35	-3.34	-3.86	-4.36	-4.26	-3.72	-5.62	with cable

Ant.	Port	WWAN 2G/3G Gain (dBi)					Remark (Note. 3)
		GSM 850	PCS 1900	WCDMA Band 2	WCDMA Band 4	WCDMA Band 5	
3~4	1~2	5.41	2.85	2.33	2.11	6.3	w/o cable
		0.57	-1.99	-2.51	-2.73	1.46	with cable

Ant.	Port	WWAN 4G Gain (dBi)							Remark (Note. 3)
		LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 29	
3~4	1~2	2.33	2.11	6.3	1.88	6.8	6.8	5.7	w/o cable
		-2.51	-2.73	1.46	-2.96	1.96	1.96	0.86	with cable

Note 1: WLAN 2.4G cable loss = 4.95 dB.

Note 2: WLAN 5GHz Band 1 cable loss = 7.39 dB, and 5GHz Band 4 cable loss = 7.88 dB.

Note 3: WWAN cable loss = 4.84 dB.

Note 4 The EUT has four antennas.

**For 2.4GHz function:**

For IEEE 802.11 b/g/n mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For WWAN function (1TX/2RX):

Ant. 3 (port 1) could transmit, and Ant. 3 (port 1) and Ant. 4 (port 2) could receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Battery		
EUT Function	☐ Base Station	☒ Mobile Station	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 22(H), 24(E), 27, 90
- ANSI/TIA-603-E-2016
- KDB 971168 D01 v03r01

1.3 Testing Location

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Vivi	20.1~26.9°C / 50~60%	08/Sep/2020~30/Sep /2020
Radiated Emission	03CH02-HY	Daniel Lin	20.8~26.1°C / 53~62%	09/Sep/2020~01/Oct/2020

1.4 Measurement Uncertainty

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of Equipment Under Test

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
	Vnom	12V
FS		
-40°C		
-30°C		
-20°C		
-10°C		
0°C		
10°C		
20°C		
30°C		
40°C		
50°C		
60°C		
70°C		
80°C		
85°C		
13.8V		
12V		
10.2V		

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Conducted Output Power, Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band Edge, Conducted Spurious Emission, Frequency Stability
Test Condition	Conducted measurement at transmit chains
1	EUT with GSM 850 Link
2	EUT with PCS 1900 Link
3	EUT with WCDMA Band II Link
4	EUT with WCDMA Band IV Link
5	EUT with WCDMA Band V Link
6	EUT with LTE Band 2 Link
7	EUT with LTE Band 4 Link
8	EUT with LTE Band 5 Link
9	EUT with LTE Band 7 Link
10	EUT with LTE Band 12 Link
11	EUT with LTE Band 13 Link

The Worst Case Mode for Following Conformance Tests	
Tests Item	Radiated Spurious Emission
Test Condition	Radiated measurement
1	Battery mode
Orthogonal Planes of EUT	Z Plane
	

2.3 Accessories

Accessories		
DC Power Cable	Signal Line	2.51 meter, non-shielded cable, w/o ferrite core
USB 3.0 Cable	Signal Line	0.5 meter, non-shielded cable, w/o ferrite core
RJ45 Cable	Signal Line	0.5 meter, non-shielded cable, w/o ferrite core
APTIV Cable	Signal Line	15 meter, shielded cable, w/o ferrite core
Antenna Cable (WiFi*2)	Signal Line	5.41 meter, shielded cable, w/o ferrite core
Antenna Cable (LTE L & R)	Signal Line	5.83 meter, shielded cable, w/o ferrite core
GPS Cable	Signal Line	5.16 meter, shielded cable, w/o ferrite core

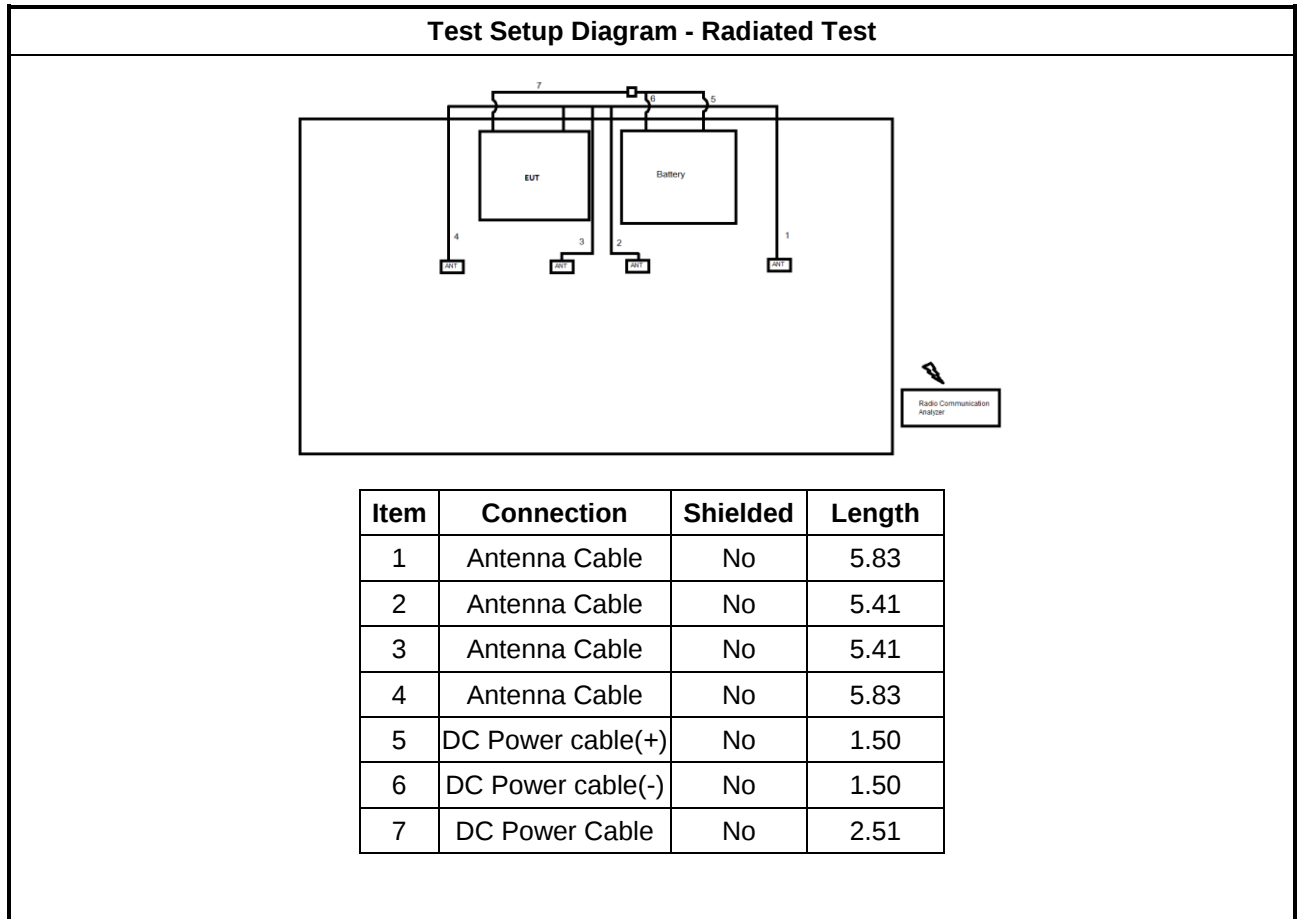
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	DC Power Supply	GW	GPS-3030DD	-	-
4	Radio Communicati	Anritsu	MT8820C	-	-
5	Sim Card for WWAN	R&S	eSIM	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Sim Card	R&S	eSIM	-	for WWAN
2	Radio Communication Analyzer	Anitsu	MT8820C	-	Remote
3	Battery	Panasonic	-	-	-

2.5 Test Setup Diagram





3 Test Result

3.1 Conducted Output Power and ERP/EIRP Measurement

3.1.1 Description of the Conducted Output Power and ERP/EIRP Measurement

Conducted Output Power Limit	
N/A	
Effective Radiated Power (ERP) Limit	
☒ GSM 850	Base Station: 500 Watts or 400Watts (PSD) Mobile Station: 7 Watts
☒ WCDMA Band V	
☒ LTE Band 5	
☒ LTE Band 12	Base Station: 1000 Watts Mobile Station: 30 Watts hand-held devices: 3 Watts
☒ LTE Band 13	
Equivalent Isotropic Radiated Power (EIRP) Limit	
☒ PCS 1900	Base Station: 1640 Watts Mobile Station: 2 Watts
☒ WCDMA Band II	
☒ LTE Band 2	
☒ LTE Band 7	
☒ WCDMA Band IV	Base Station: 1640 Watts Mobile Station: 1 Watts
☒ LTE Band 4	
Note 1: A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.	
Note 2: According to ANSI/TIA-603-E-2016 Power Approach, EIRP = P _T + G _T – L _C , ERP = EIRP -2.15, where P _T = transmitter output power in dBm G _T = gain of the transmitting antenna in dBi L _C = signal attenuation in the connecting cable between the transmitter and antenna in dB	

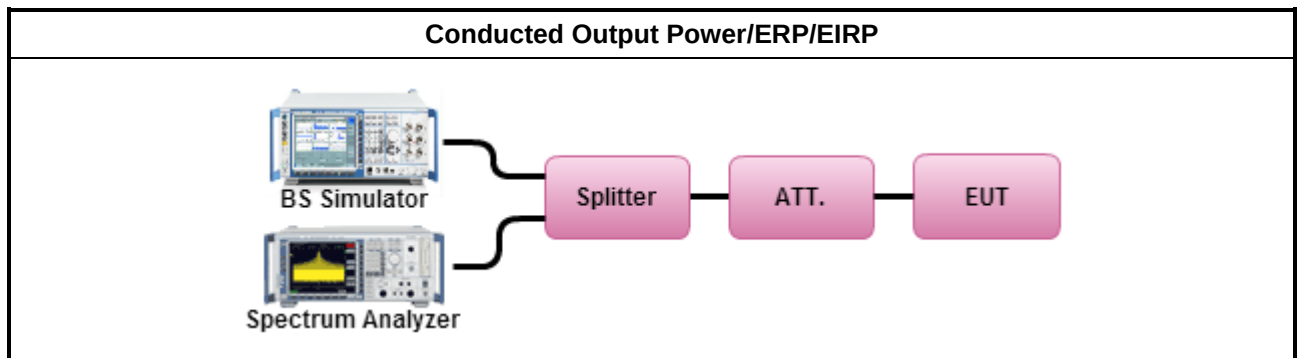
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

Refer as Appendix A

3.1.6 Test Result of ERP/EIRP

Refer as Appendix A

3.2 Peak-to-Average Ratio Measurement

3.2.1 Description of the PAR Measurement

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

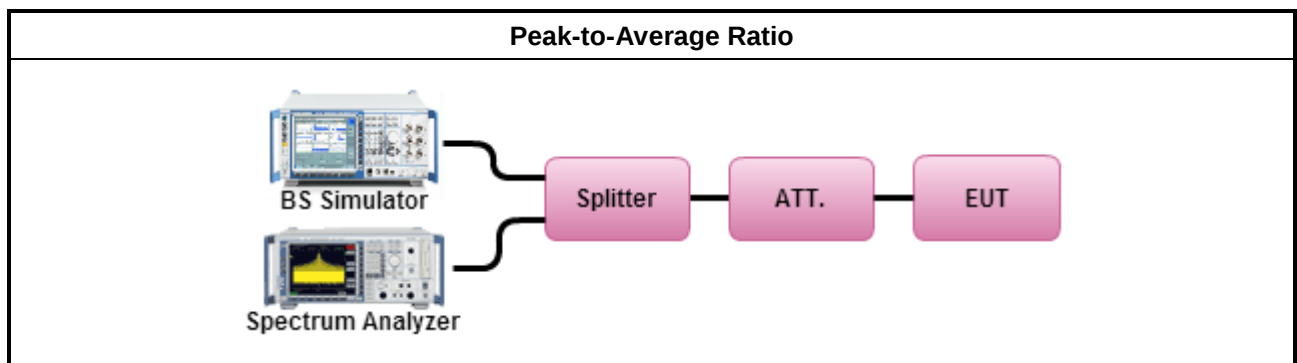
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.

3.2.4 Test Setup



3.2.5 Test Result of Peak-to-Average Ratio

Refer as Appendix B

3.3 Occupied Bandwidth Measurement

3.3.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

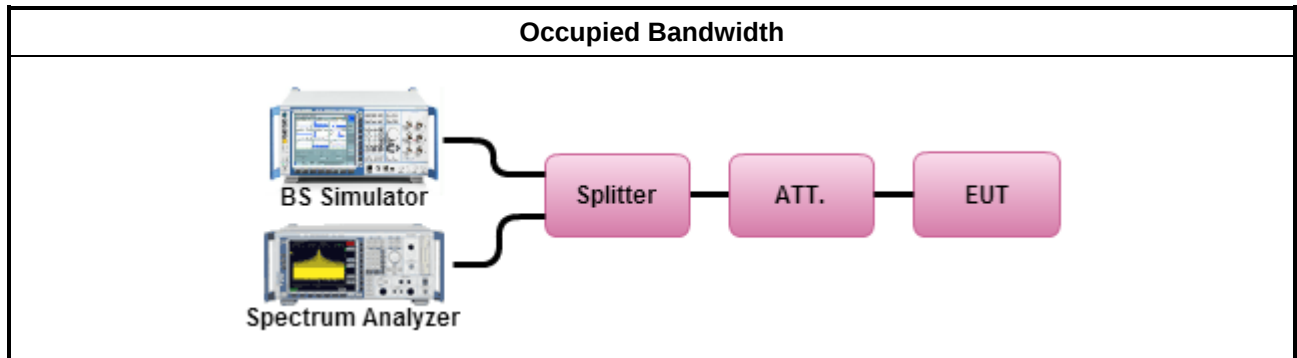
3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency.
The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.3.4 Test Setup



3.3.5 Test Result of Occupied Bandwidth

Refer as Appendix C

3.4 Conducted Band Edge Measurement

3.4.1 Description of Conducted Band Edge Measurement

Conducted Band Edge	
☒ GSM 850 ☒ WCDMA V ☒ LTE Band 5	$43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
☒ PCS 1900 ☒ WCDMA II ☒ LTE Band 2	$43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
☒ LTE Band 4	$43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
☒ LTE Band 12	$43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.
☒ LTE Band 13	$43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed.
☒ LTE Band 7	For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ Db on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

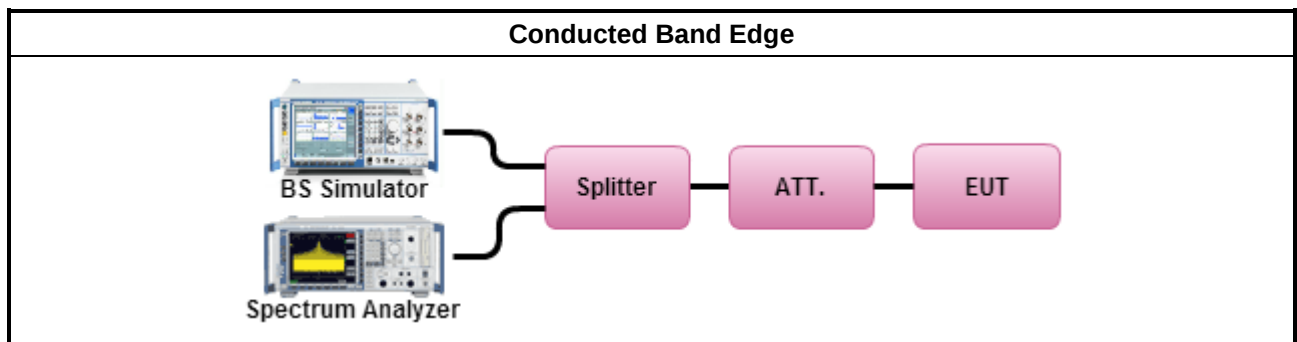
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

3.4.4 Test Setup



3.4.5 Test Result of Conducted Band Edge

Refer as Appendix D

3.5 Conducted Spurious Emission Measurement

3.5.1 Description of Conducted Spurious Emission Measurement

Conducted Band Edge	
☒ GSM 850 ☒ PCS 1900 ☒ WCDMA V ☒ WCDMA II ☒ WCDMA IV ☒ LTE Band 5 ☒ LTE Band 2 ☒ LTE Band 4 ☒ LTE Band 12 ☒ LTE Band 13	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.
☒ LTE Band 7	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB. It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

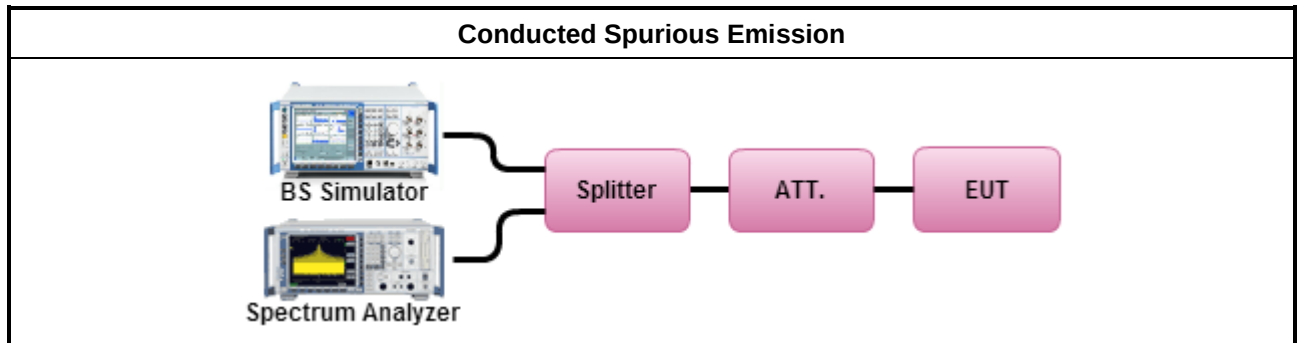
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.5.4 Test Setup



3.5.5 Test Result of Conducted Spurious Emission

Refer as Appendix D



3.6 Radiated Spurious Emission Measurement

3.6.1 Description of Radiated Spurious Emission Measurement

Radiated Spurious Emission	
The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.	
☒ LTE Band 7	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.
☒ LTE Band 12 ☒ LTE Band 13	Emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotopically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.6.2 Measuring Instruments

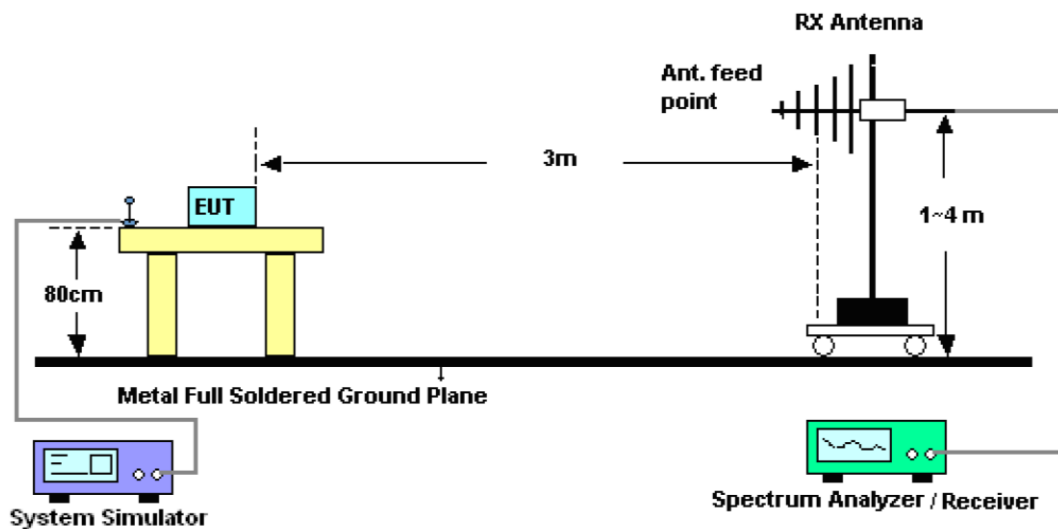
The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

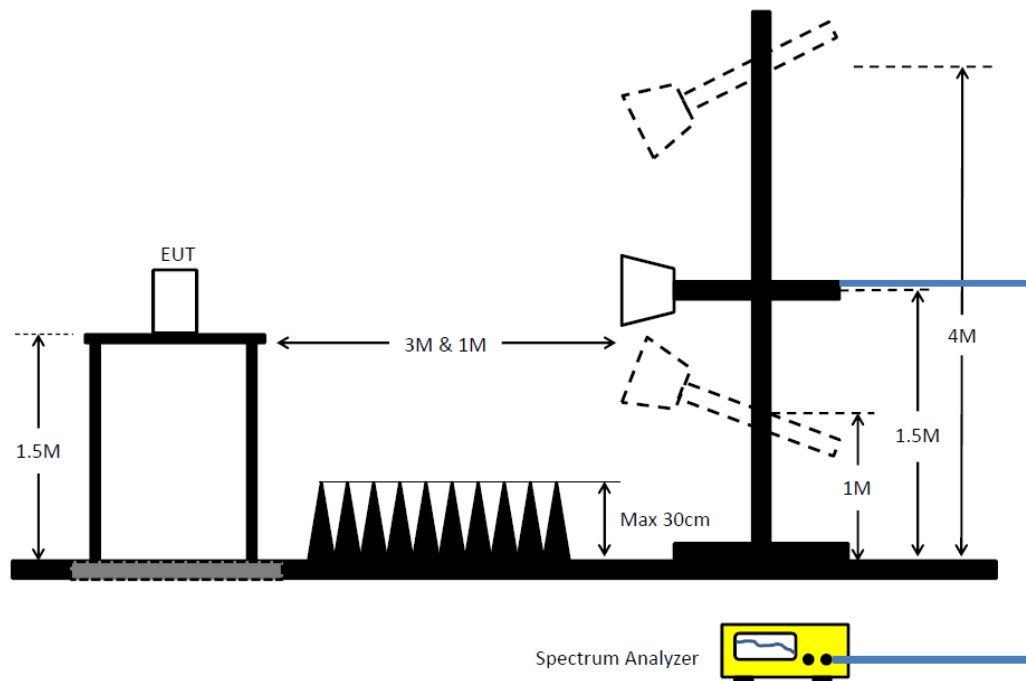
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.6.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor (if applicable) = Level.

3.6.6 Test Result of Radiated Spurious Emission

Refer as Appendix E



3.7 Frequency Stability Measurement

3.7.1 Description of Frequency Stability Measurement

Frequency Stability	
☒ GSM 850	Base Station: ±1.5ppm Mobile Station: ±2.5ppm
☒ WCDMA V	
☒ LTE Band 5	
☒ LTE Band 7	
☒ PCS 1900	Within Authorized Band
☒ WCDMA II	
☒ LTE Band 2	
☒ LTE Band 4	
☒ LTE Band 12	
☒ LTE Band 13	
Note: The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.	

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

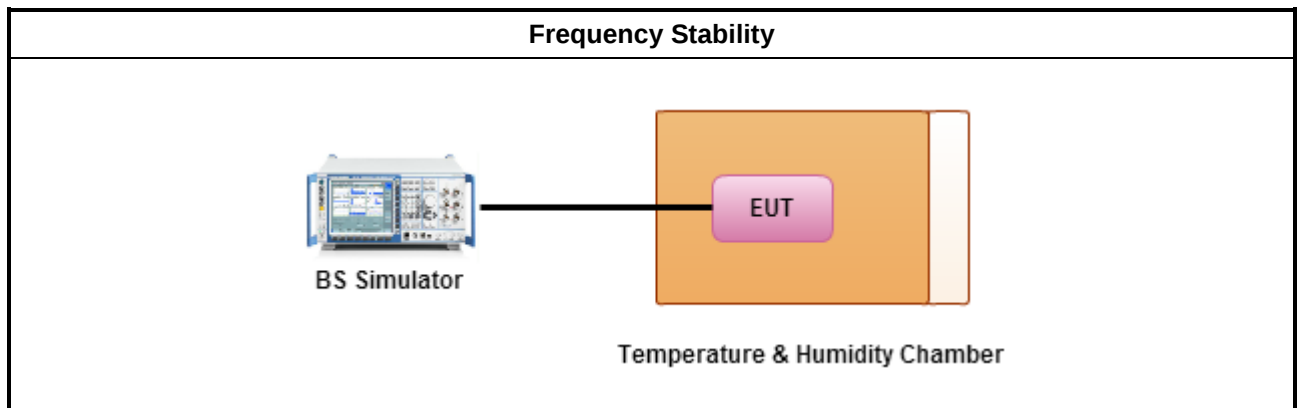
3.7.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in -30°C steps up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at $25\pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85 to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.7.5 Test Setup



3.7.6 Test Result of Frequency Stability

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	19/Mar/2020	18/Mar/2021
Programmable Temp. & Humi. Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40~100℃	09/Dec/2019	08/Dec/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	04/Aug/2020	03/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	02/Aug/2020	01/Aug/2021
Signal Analyzer	R&S	FSP40	100593	1GHz~26.5GHz	27/Feb/2020	26/Feb/2021
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	30/Jun/2020	29/Jun/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~18GHz	16/Oct/2019	15/Oct/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	09/Jun/2020	08/Jun/2021
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	10094	1GHz~18GHz	08/Jul/2020	07/Jul/2021
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz~30MHz	20/Jun/2020	19/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB017	30MHz~1GHz	25/Mar/2020	24/Mar/2021
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	08/Apr/2020	07/Apr/2021
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

**Summary**

Mode	Power (dBm)	Power (W)	EIRP/ERP (dBm)	EIRP (W)
850	-	-	-	-
GPRS_200kHz_Nss1,Multislot 1 up_1TX	31.64	1.459	30.06	1.01391
GPRS_200kHz_Nss1,Multislot 2 up_1TX	31.64	1.459	30.06	1.01391
GPRS_200kHz_Nss1,Multislot 3 up_1TX	30.83	1.211	29.25	0.84140
GPRS_200kHz_Nss1,Multislot 4 up_1TX	29.68	0.929	28.10	0.64565
EGPRS_200kHz_Nss1,Multislot 1 up_1TX	26.30	0.427	24.72	0.29648
EGPRS_200kHz_Nss1,Multislot 2 up_1TX	26.29	0.426	24.71	0.29580
EGPRS_200kHz_Nss1,Multislot 3 up_1TX	25.47	0.352	23.89	0.24491
EGPRS_200kHz_Nss1,Multislot 4 up_1TX	24.29	0.269	22.71	0.18664
1900	-	-	-	-
GPRS_200kHz_Nss1,Multislot 1 up_1TX	28.26	0.670	26.27	0.42364
GPRS_200kHz_Nss1,Multislot 2 up_1TX	28.23	0.665	26.24	0.42073
GPRS_200kHz_Nss1,Multislot 3 up_1TX	27.45	0.556	25.46	0.35156
GPRS_200kHz_Nss1,Multislot 4 up_1TX	26.23	0.420	24.24	0.26546
EGPRS_200kHz_Nss1,Multislot 1 up_1TX	25.00	0.316	23.01	0.19999
EGPRS_200kHz_Nss1,Multislot 2 up_1TX	24.99	0.316	23.00	0.19953
EGPRS_200kHz_Nss1,Multislot 3 up_1TX	24.25	0.266	22.26	0.16827
EGPRS_200kHz_Nss1,Multislot 4 up_1TX	23.03	0.201	21.04	0.12706

**Result**

Mode	Result	DG (dBi)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
850_GPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	30.06	1.01391	7	31.64	1.459	Inf	31.64
850_GPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	30.06	1.01391	7	31.64	1.459	Inf	31.64
850_GPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	29.25	0.84140	7	30.83	1.211	Inf	30.83
850_GPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	28.10	0.64565	7	29.68	0.929	Inf	29.68
850_GPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	29.99	0.99770	7	31.57	1.435	Inf	31.57
850_GPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	30.00	1.00000	7	31.58	1.439	Inf	31.58
850_GPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	29.21	0.83368	7	30.79	1.199	Inf	30.79
850_GPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	28.05	0.63826	7	29.63	0.918	Inf	29.63
850_GPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	30.00	1.00000	7	31.58	1.439	Inf	31.58
850_GPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	30.00	1.00000	7	31.58	1.439	Inf	31.58
850_GPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	29.18	0.82794	7	30.76	1.191	Inf	30.76
850_GPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	28.03	0.63533	7	29.61	0.914	Inf	29.61
1900_GPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	26.20	0.41687	2	28.19	0.659	Inf	28.19
1900_GPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	26.18	0.41495	2	28.17	0.656	Inf	28.17
1900_GPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	25.40	0.34674	2	27.39	0.548	Inf	27.39
1900_GPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	24.21	0.26363	2	26.20	0.417	Inf	26.20
1900_GPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	26.14	0.41115	2	28.13	0.650	Inf	28.13
1900_GPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	26.11	0.40832	2	28.10	0.646	Inf	28.10
1900_GPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	25.33	0.34119	2	27.32	0.540	Inf	27.32
1900_GPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	24.13	0.25882	2	26.12	0.409	Inf	26.12
1900_GPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	26.27	0.42364	2	28.26	0.670	Inf	28.26
1900_GPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	26.24	0.42073	2	28.23	0.665	Inf	28.23
1900_GPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	25.46	0.35156	2	27.45	0.556	Inf	27.45
1900_GPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	24.24	0.26546	2	26.23	0.420	Inf	26.23



Average Power

Appendix A.1

Mode	Result	DG (dBi)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)	Power (dBm)	Power (W)	Power Lim. (W)	Port 1 (dBm)
850_EGPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	24.70	0.29512	7	26.28	0.425	Inf	26.28
850_EGPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	24.71	0.29580	7	26.29	0.426	Inf	26.29
850_EGPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	23.89	0.24491	7	25.47	0.352	Inf	25.47
850_EGPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	0.57	22.71	0.18664	7	24.29	0.269	Inf	24.29
850_EGPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	24.72	0.29648	7	26.30	0.427	Inf	26.30
850_EGPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	24.71	0.29580	7	26.29	0.426	Inf	26.29
850_EGPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	23.88	0.24434	7	25.46	0.352	Inf	25.46
850_EGPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
836.4MHz	Pass	0.57	22.65	0.18408	7	24.23	0.265	Inf	24.23
850_EGPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	24.67	0.29309	7	26.25	0.422	Inf	26.25
850_EGPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	24.68	0.29376	7	26.26	0.423	Inf	26.26
850_EGPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	23.78	0.23878	7	25.36	0.344	Inf	25.36
850_EGPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
848.8MHz	Pass	0.57	22.66	0.18450	7	24.24	0.265	Inf	24.24
1900_EGPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	22.91	0.19543	2	24.90	0.309	Inf	24.90
1900_EGPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	22.96	0.19770	2	24.95	0.313	Inf	24.95
1900_EGPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	22.16	0.16444	2	24.15	0.260	Inf	24.15
1900_EGPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
1850.2MHz	Pass	-1.99	20.92	0.12359	2	22.91	0.195	Inf	22.91
1900_EGPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	22.91	0.19543	2	24.90	0.309	Inf	24.90
1900_EGPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	22.85	0.19275	2	24.84	0.305	Inf	24.84
1900_EGPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	22.10	0.16218	2	24.09	0.256	Inf	24.09
1900_EGPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
1880MHz	Pass	-1.99	20.87	0.12218	2	22.86	0.193	Inf	22.86
1900_EGPRS_200kHz_Nss1,Multislot 1 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	23.01	0.19999	2	25.00	0.316	Inf	25.00
1900_EGPRS_200kHz_Nss1,Multislot 2 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	23.00	0.19953	2	24.99	0.316	Inf	24.99
1900_EGPRS_200kHz_Nss1,Multislot 3 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	22.26	0.16827	2	24.25	0.266	Inf	24.25
1900_EGPRS_200kHz_Nss1,Multislot 4 up_1TX	-	-	-	-	-	-	-	-	-
1909.8MHz	Pass	-1.99	21.04	0.12706	2	23.03	0.201	Inf	23.03

Prate,c = Maximum Power limit.



Average Power

Appendix A.1

Port n-P_{max,c} = Port n Carrier output power.

Port n-P_{rte,t} = Port n Carrier total output power.

**Summary**

Mode	Power (dBm)	Power (W)	EIRP/ERP (dBm)	EIRP (W)
Band 2	-	-	-	-
WCDMA_5MHz_Nss1_1TX	22.48	0.177	19.97	0.09931
HSDPA_5MHz_Nss1,Subtest 1_1TX	22.42	0.175	19.91	0.09795
HSDPA_5MHz_Nss1,Subtest 2_1TX	22.44	0.175	19.93	0.09840
HSDPA_5MHz_Nss1,Subtest 3_1TX	22.45	0.176	19.94	0.09863
HSDPA_5MHz_Nss1,Subtest 4_1TX	22.48	0.177	19.97	0.09931
HSUPA_5MHz_Nss1,Subtest 1_1TX	19.31	0.085	16.80	0.04786
HSUPA_5MHz_Nss1,Subtest 2_1TX	17.50	0.056	14.99	0.03155
HSUPA_5MHz_Nss1,Subtest 3_1TX	18.52	0.071	16.01	0.03990
HSUPA_5MHz_Nss1,Subtest 4_1TX	17.79	0.060	15.28	0.03373
HSUPA_5MHz_Nss1,Subtest 5_1TX	22.53	0.179	20.02	0.10046
Band 4	-	-	-	-
WCDMA_5MHz_Nss1_1TX	23.29	0.213	20.56	0.11376
HSDPA_5MHz_Nss1,Subtest 1_1TX	22.44	0.175	19.71	0.09354
HSDPA_5MHz_Nss1,Subtest 2_1TX	22.49	0.177	19.76	0.09462
HSDPA_5MHz_Nss1,Subtest 3_1TX	22.48	0.177	19.75	0.09441
HSDPA_5MHz_Nss1,Subtest 4_1TX	22.50	0.178	19.77	0.09484
HSUPA_5MHz_Nss1,Subtest 1_1TX	19.34	0.086	16.61	0.04581
HSUPA_5MHz_Nss1,Subtest 2_1TX	17.54	0.057	14.81	0.03027
HSUPA_5MHz_Nss1,Subtest 3_1TX	18.56	0.072	15.83	0.03828
HSUPA_5MHz_Nss1,Subtest 4_1TX	17.83	0.061	15.10	0.03236
HSUPA_5MHz_Nss1,Subtest 5_1TX	22.55	0.180	19.82	0.09594
Band 5	-	-	-	-
WCDMA_5MHz_Nss1_1TX	23.63	0.231	22.94	0.19679
HSDPA_5MHz_Nss1,Subtest 1_1TX	22.55	0.180	21.86	0.15346
HSDPA_5MHz_Nss1,Subtest 2_1TX	22.50	0.178	21.81	0.15171
HSDPA_5MHz_Nss1,Subtest 3_1TX	22.57	0.181	21.88	0.15417
HSDPA_5MHz_Nss1,Subtest 4_1TX	22.54	0.179	21.85	0.15311
HSUPA_5MHz_Nss1,Subtest 1_1TX	20.15	0.104	19.46	0.08831
HSUPA_5MHz_Nss1,Subtest 2_1TX	18.63	0.073	17.94	0.06223
HSUPA_5MHz_Nss1,Subtest 3_1TX	19.22	0.084	18.53	0.07129
HSUPA_5MHz_Nss1,Subtest 4_1TX	18.40	0.069	17.71	0.05902
HSUPA_5MHz_Nss1,Subtest 5_1TX	22.59	0.182	21.90	0.15488

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
Band 2	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1852.4	Pass	-2.51	22.48	22.48	0.177	Inf	19.97	0.09931	2
WCDMA_5MHz_Nss1_1880	Pass	-2.51	22.42	22.42	0.175	Inf	19.91	0.09795	2
WCDMA_5MHz_Nss1_1907.6	Pass	-2.51	22.34	22.34	0.171	Inf	19.83	0.09616	2
HSDPA_5MHz_Subtest 1_1TX_1852.4	Pass	-2.51	22.42	22.42	0.175	Inf	19.91	0.09795	2
HSDPA_5MHz_Subtest 2_1TX_1852.4	Pass	-2.51	22.44	22.44	0.175	Inf	19.93	0.09840	2
HSDPA_5MHz_Subtest 3_1TX_1852.4	Pass	-2.51	22.44	22.44	0.175	Inf	19.93	0.09840	2
HSDPA_5MHz_Subtest 4_1TX_1852.4	Pass	-2.51	22.48	22.48	0.177	Inf	19.97	0.09931	2
HSDPA_5MHz_Subtest 1_1TX_1880	Pass	-2.51	20.86	20.86	0.122	Inf	18.35	0.06839	2
HSDPA_5MHz_Subtest 2_1TX_1880	Pass	-2.51	22.42	22.42	0.175	Inf	19.91	0.09795	2
HSDPA_5MHz_Subtest 3_1TX_1880	Pass	-2.51	22.45	22.45	0.176	Inf	19.94	0.09863	2
HSDPA_5MHz_Subtest 4_1TX_1880	Pass	-2.51	22.47	22.47	0.177	Inf	19.96	0.09908	2
HSDPA_5MHz_Subtest 1_1TX_1907.6	Pass	-2.51	22.36	22.36	0.172	Inf	19.85	0.09661	2
HSDPA_5MHz_Subtest 2_1TX_1907.6	Pass	-2.51	22.36	22.36	0.172	Inf	19.85	0.09661	2
HSDPA_5MHz_Subtest 3_1TX_1907.6	Pass	-2.51	22.44	22.44	0.175	Inf	19.93	0.09840	2
HSDPA_5MHz_Subtest 4_1TX_1907.6	Pass	-2.51	22.42	22.42	0.175	Inf	19.91	0.09795	2
HSUPA_5MHz_Subtest 1_1TX_1852.4	Pass	-2.51	19.31	19.31	0.085	Inf	16.80	0.04786	2
HSUPA_5MHz_Subtest 2_1TX_1852.4	Pass	-2.51	17.50	17.50	0.056	Inf	14.99	0.03155	2
HSUPA_5MHz_Subtest 3_1TX_1852.4	Pass	-2.51	18.51	18.51	0.071	Inf	16.00	0.03981	2
HSUPA_5MHz_Subtest 4_1TX_1852.4	Pass	-2.51	17.79	17.79	0.060	Inf	15.28	0.03373	2
HSUPA_5MHz_Subtest 5_1TX_1852.4	Pass	-2.51	22.53	22.53	0.179	Inf	20.02	0.10046	2
HSUPA_5MHz_Subtest 1_1TX_1880	Pass	-2.51	19.27	19.27	0.085	Inf	16.76	0.04742	2
HSUPA_5MHz_Subtest 2_1TX_1880	Pass	-2.51	17.44	17.44	0.055	Inf	14.93	0.03112	2
HSUPA_5MHz_Subtest 3_1TX_1880	Pass	-2.51	18.52	18.52	0.071	Inf	16.01	0.03990	2
HSUPA_5MHz_Subtest 4_1TX_1880	Pass	-2.51	17.77	17.77	0.060	Inf	15.26	0.03357	2
HSUPA_5MHz_Subtest 5_1TX_1880	Pass	-2.51	22.51	22.51	0.178	Inf	20.00	0.10000	2
HSUPA_5MHz_Subtest 1_1TX_1907.6	Pass	-2.51	19.23	19.23	0.084	Inf	16.72	0.04699	2
HSUPA_5MHz_Subtest 2_1TX_1907.6	Pass	-2.51	17.34	17.34	0.054	Inf	14.83	0.03041	2
HSUPA_5MHz_Subtest 3_1TX_1907.6	Pass	-2.51	18.48	18.48	0.070	Inf	15.97	0.03954	2
HSUPA_5MHz_Subtest 4_1TX_1907.6	Pass	-2.51	17.71	17.71	0.059	Inf	15.20	0.03311	2
HSUPA_5MHz_Subtest 5_1TX_1907.6	Pass	-2.51	22.45	22.45	0.176	Inf	19.94	0.09863	2
Band 4	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1712.4	Pass	-2.73	23.29	23.29	0.213	Inf	20.56	0.11376	1
WCDMA_5MHz_Nss1_1732.6	Pass	-2.73	23.06	23.06	0.202	Inf	20.33	0.10789	1
WCDMA_5MHz_Nss1_1752.6	Pass	-2.73	23.04	23.04	0.201	Inf	20.31	0.10740	1
HSDPA_5MHz_Subtest 1_1TX_1712.4	Pass	-2.73	22.44	22.44	0.175	Inf	19.71	0.09354	1
HSDPA_5MHz_Subtest 2_1TX_1712.4	Pass	-2.73	22.49	22.49	0.177	Inf	19.76	0.09462	1
HSDPA_5MHz_Subtest 3_1TX_1712.4	Pass	-2.73	22.48	22.48	0.177	Inf	19.75	0.09441	1
HSDPA_5MHz_Subtest 4_1TX_1712.4	Pass	-2.73	22.50	22.50	0.178	Inf	19.77	0.09484	1
HSDPA_5MHz_Subtest 1_1TX_1732.6	Pass	-2.73	22.22	22.22	0.167	Inf	19.49	0.08892	1
HSDPA_5MHz_Subtest 2_1TX_1732.6	Pass	-2.73	22.30	22.30	0.170	Inf	19.57	0.09057	1
HSDPA_5MHz_Subtest 3_1TX_1732.6	Pass	-2.73	22.30	22.30	0.170	Inf	19.57	0.09057	1
HSDPA_5MHz_Subtest 4_1TX_1732.6	Pass	-2.73	22.28	22.28	0.169	Inf	19.55	0.09016	1
HSDPA_5MHz_Subtest 1_1TX_1752.6	Pass	-2.73	22.21	22.21	0.166	Inf	19.48	0.08872	1
HSDPA_5MHz_Subtest 2_1TX_1752.6	Pass	-2.73	22.27	22.27	0.169	Inf	19.54	0.08995	1
HSDPA_5MHz_Subtest 3_1TX_1752.6	Pass	-2.73	22.27	22.27	0.169	Inf	19.54	0.08995	1
HSDPA_5MHz_Subtest 4_1TX_1752.6	Pass	-2.73	22.27	22.27	0.169	Inf	19.54	0.08995	1
HSUPA_5MHz_Subtest 1_1TX_1712.4	Pass	-2.73	19.34	19.34	0.086	Inf	16.61	0.04581	1



Average Power

Appendix A.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
HSUPA_5MHz_Subtest 2_1TX_1712.4	Pass	-2.73	17.54	17.54	0.057	Inf	14.81	0.03027	1
HSUPA_5MHz_Subtest 3_1TX_1712.4	Pass	-2.73	18.56	18.56	0.072	Inf	15.83	0.03828	1
HSUPA_5MHz_Subtest 4_1TX_1712.4	Pass	-2.73	17.83	17.83	0.061	Inf	15.10	0.03236	1
HSUPA_5MHz_Subtest 5_1TX_1712.4	Pass	-2.73	22.55	22.55	0.180	Inf	19.82	0.09594	1
HSUPA_5MHz_Subtest 1_1TX_1732.6	Pass	-2.73	19.15	19.15	0.082	Inf	16.42	0.04385	1
HSUPA_5MHz_Subtest 2_1TX_1732.6	Pass	-2.73	17.35	17.35	0.054	Inf	14.62	0.02897	1
HSUPA_5MHz_Subtest 3_1TX_1732.6	Pass	-2.73	18.41	18.41	0.069	Inf	15.68	0.03698	1
HSUPA_5MHz_Subtest 4_1TX_1732.6	Pass	-2.73	17.64	17.64	0.058	Inf	14.91	0.03097	1
HSUPA_5MHz_Subtest 5_1TX_1732.6	Pass	-2.73	22.33	22.33	0.171	Inf	19.60	0.09120	1
HSUPA_5MHz_Subtest 1_1TX_1752.6	Pass	-2.73	19.09	19.09	0.081	Inf	16.36	0.04325	1
HSUPA_5MHz_Subtest 2_1TX_1752.6	Pass	-2.73	17.30	17.30	0.054	Inf	14.57	0.02864	1
HSUPA_5MHz_Subtest 3_1TX_1752.6	Pass	-2.73	18.33	18.33	0.068	Inf	15.60	0.03631	1
HSUPA_5MHz_Subtest 4_1TX_1752.6	Pass	-2.73	17.59	17.59	0.057	Inf	14.86	0.03062	1
HSUPA_5MHz_Subtest 5_1TX_1752.6	Pass	-2.73	22.30	22.30	0.170	Inf	19.57	0.09057	1
Band 5	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_826.4	Pass	1.46	23.47	23.47	0.222	Inf	22.78	0.18967	7
WCDMA_5MHz_Nss1_836.4	Pass	1.46	23.63	23.63	0.231	Inf	22.94	0.19679	7
WCDMA_5MHz_Nss1_846.6	Pass	1.46	23.49	23.49	0.223	Inf	22.80	0.19055	7
HSDPA_5MHz_Subtest 1_1TX_826.4	Pass	1.46	22.36	22.36	0.172	Inf	21.67	0.14689	7
HSDPA_5MHz_Subtest 2_1TX_826.4	Pass	1.46	22.30	22.30	0.170	Inf	21.61	0.14488	7
HSDPA_5MHz_Subtest 3_1TX_826.4	Pass	1.46	22.39	22.39	0.173	Inf	21.70	0.14791	7
HSDPA_5MHz_Subtest 4_1TX_826.4	Pass	1.46	22.35	22.35	0.172	Inf	21.66	0.14655	7
HSDPA_5MHz_Subtest 1_1TX_836.4	Pass	1.46	22.55	22.55	0.180	Inf	21.86	0.15346	7
HSDPA_5MHz_Subtest 2_1TX_836.4	Pass	1.46	22.50	22.50	0.178	Inf	21.81	0.15171	7
HSDPA_5MHz_Subtest 3_1TX_836.4	Pass	1.46	22.57	22.57	0.181	Inf	21.88	0.15417	7
HSDPA_5MHz_Subtest 4_1TX_836.4	Pass	1.46	22.54	22.54	0.179	Inf	21.85	0.15311	7
HSDPA_5MHz_Subtest 1_1TX_846.6	Pass	1.46	22.45	22.45	0.176	Inf	21.76	0.14997	7
HSDPA_5MHz_Subtest 2_1TX_846.6	Pass	1.46	22.42	22.42	0.175	Inf	21.73	0.14894	7
HSDPA_5MHz_Subtest 3_1TX_846.6	Pass	1.46	22.47	22.47	0.177	Inf	21.78	0.15066	7
HSDPA_5MHz_Subtest 4_1TX_846.6	Pass	1.46	22.49	22.49	0.177	Inf	21.80	0.15136	7
HSUPA_5MHz_Subtest 1_1TX_826.4	Pass	1.46	19.28	19.28	0.085	Inf	18.59	0.07228	7
HSUPA_5MHz_Subtest 2_1TX_826.4	Pass	1.46	17.43	17.43	0.055	Inf	16.74	0.04721	7
HSUPA_5MHz_Subtest 3_1TX_826.4	Pass	1.46	18.50	18.50	0.071	Inf	17.81	0.06039	7
HSUPA_5MHz_Subtest 4_1TX_826.4	Pass	1.46	17.76	17.76	0.060	Inf	17.07	0.05093	7
HSUPA_5MHz_Subtest 5_1TX_826.4	Pass	1.46	22.44	22.44	0.175	Inf	21.75	0.14962	7
HSUPA_5MHz_Subtest 1_1TX_836.4	Pass	1.46	20.15	20.15	0.104	Inf	19.46	0.08831	7
HSUPA_5MHz_Subtest 2_1TX_836.4	Pass	1.46	18.63	18.63	0.073	Inf	17.94	0.06223	7
HSUPA_5MHz_Subtest 3_1TX_836.4	Pass	1.46	19.22	19.22	0.084	Inf	18.53	0.07129	7
HSUPA_5MHz_Subtest 4_1TX_836.4	Pass	1.46	18.40	18.40	0.069	Inf	17.71	0.05902	7
HSUPA_5MHz_Subtest 5_1TX_836.4	Pass	1.46	22.59	22.59	0.182	Inf	21.90	0.15488	7
HSUPA_5MHz_Subtest 1_1TX_846.6	Pass	1.46	19.32	19.32	0.086	Inf	18.63	0.07295	7
HSUPA_5MHz_Subtest 2_1TX_846.6	Pass	1.46	17.52	17.52	0.056	Inf	16.83	0.04819	7
HSUPA_5MHz_Subtest 3_1TX_846.6	Pass	1.46	18.60	18.60	0.072	Inf	17.91	0.06180	7
HSUPA_5MHz_Subtest 4_1TX_846.6	Pass	1.46	17.88	17.88	0.061	Inf	17.19	0.05236	7
HSUPA_5MHz_Subtest 5_1TX_846.6	Pass	1.46	22.56	22.56	0.180	Inf	21.87	0.15382	7

DG = Directional Gain; **Port n** = Port n output power

**Summary**

Mode	Power (dBm)	Power (W)	EIRP/ERP (dBm)	EIRP (W)
Band 2	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.10	0.162	19.59	0.09099
LTE_3MHz_Nss1,QPSK_1TX	22.20	0.166	19.69	0.09311
LTE_5MHz_Nss1,QPSK_1TX	21.79	0.151	19.28	0.08472
LTE_10MHz_Nss1,QPSK_1TX	21.95	0.157	19.44	0.08790
LTE_15MHz_Nss1,QPSK_1TX	21.91	0.155	19.40	0.08710
LTE_20MHz_Nss1,QPSK_1TX	21.77	0.150	19.26	0.08433
LTE_1.4MHz_Nss1,16QAM_1TX	21.38	0.137	18.87	0.07709
LTE_3MHz_Nss1,16QAM_1TX	21.38	0.137	18.87	0.07709
LTE_5MHz_Nss1,16QAM_1TX	21.08	0.128	18.57	0.07194
LTE_10MHz_Nss1,16QAM_1TX	21.26	0.134	18.75	0.07499
LTE_15MHz_Nss1,16QAM_1TX	21.28	0.134	18.77	0.07534
LTE_20MHz_Nss1,16QAM_1TX	21.15	0.130	18.64	0.07311
LTE_1.4MHz_Nss1,64QAM_1TX	21.49	0.141	18.98	0.07907
LTE_3MHz_Nss1,64QAM_1TX	21.25	0.133	18.74	0.07482
LTE_5MHz_Nss1,64QAM_1TX	21.12	0.129	18.61	0.07261
LTE_10MHz_Nss1,64QAM_1TX	21.21	0.132	18.70	0.07413
LTE_15MHz_Nss1,64QAM_1TX	20.98	0.125	18.47	0.07031
LTE_20MHz_Nss1,64QAM_1TX	21.11	0.129	18.60	0.07244
Band 4	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.18	0.165	19.45	0.08810
LTE_3MHz_Nss1,QPSK_1TX	22.05	0.160	19.32	0.08551
LTE_5MHz_Nss1,QPSK_1TX	21.79	0.151	19.06	0.08054
LTE_10MHz_Nss1,QPSK_1TX	22.02	0.159	19.29	0.08492
LTE_15MHz_Nss1,QPSK_1TX	21.67	0.147	18.94	0.07834
LTE_20MHz_Nss1,QPSK_1TX	21.70	0.148	18.97	0.07889
LTE_1.4MHz_Nss1,16QAM_1TX	21.23	0.133	18.50	0.07079
LTE_3MHz_Nss1,16QAM_1TX	21.31	0.135	18.58	0.07211
LTE_5MHz_Nss1,16QAM_1TX	21.13	0.130	18.40	0.06918
LTE_10MHz_Nss1,16QAM_1TX	21.34	0.136	18.61	0.07261
LTE_15MHz_Nss1,16QAM_1TX	20.88	0.122	18.15	0.06531
LTE_20MHz_Nss1,16QAM_1TX	20.87	0.122	18.14	0.06516
LTE_1.4MHz_Nss1,64QAM_1TX	21.26	0.134	18.53	0.07129
LTE_3MHz_Nss1,64QAM_1TX	21.06	0.128	18.33	0.06808
LTE_5MHz_Nss1,64QAM_1TX	20.91	0.123	18.18	0.06577
LTE_10MHz_Nss1,64QAM_1TX	20.85	0.122	18.12	0.06486
LTE_15MHz_Nss1,64QAM_1TX	20.81	0.121	18.08	0.06427
LTE_20MHz_Nss1,64QAM_1TX	20.61	0.115	17.88	0.06138
Band 5	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.49	0.177	21.80	0.15136
LTE_3MHz_Nss1,QPSK_1TX	22.44	0.175	21.75	0.14962
LTE_5MHz_Nss1,QPSK_1TX	22.03	0.160	21.34	0.13614
LTE_10MHz_Nss1,QPSK_1TX	22.24	0.167	21.55	0.14289
LTE_1.4MHz_Nss1,16QAM_1TX	21.76	0.150	21.07	0.12794
LTE_3MHz_Nss1,16QAM_1TX	21.66	0.147	20.97	0.12503
LTE_5MHz_Nss1,16QAM_1TX	21.31	0.135	20.62	0.11535
LTE_10MHz_Nss1,16QAM_1TX	21.59	0.144	20.90	0.12303
LTE_1.4MHz_Nss1,64QAM_1TX	21.55	0.143	20.86	0.12190



Average Power

Appendix A.3

Mode	Power (dBm)	Power (W)	EIRP/ERP (dBm)	EIRP (W)
LTE_3MHz_Nss1,64QAM_1TX	21.53	0.142	20.84	0.12134
LTE_5MHz_Nss1,64QAM_1TX	21.15	0.130	20.46	0.11117
LTE_10MHz_Nss1,64QAM_1TX	21.27	0.134	20.58	0.11429
Band 7	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	20.18	0.104	17.22	0.05272
LTE_10MHz_Nss1,QPSK_1TX	20.37	0.109	17.41	0.05508
LTE_15MHz_Nss1,QPSK_1TX	20.17	0.104	17.21	0.05260
LTE_20MHz_Nss1,QPSK_1TX	20.11	0.103	17.15	0.05188
LTE_5MHz_Nss1,16QAM_1TX	19.62	0.092	16.66	0.04634
LTE_10MHz_Nss1,16QAM_1TX	19.65	0.092	16.69	0.04667
LTE_15MHz_Nss1,16QAM_1TX	19.50	0.089	16.54	0.04508
LTE_20MHz_Nss1,16QAM_1TX	19.51	0.089	16.55	0.04519
LTE_5MHz_Nss1,64QAM_1TX	19.41	0.087	16.45	0.04416
LTE_10MHz_Nss1,64QAM_1TX	19.63	0.092	16.67	0.04645
LTE_15MHz_Nss1,64QAM_1TX	19.39	0.087	16.43	0.04395
LTE_20MHz_Nss1,64QAM_1TX	19.42	0.087	16.46	0.04426
Band 12	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	22.25	0.168	22.06	0.16069
LTE_3MHz_Nss1,QPSK_1TX	22.22	0.167	22.03	0.15959
LTE_5MHz_Nss1,QPSK_1TX	21.84	0.153	21.65	0.14622
LTE_10MHz_Nss1,QPSK_1TX	22.02	0.159	21.83	0.15241
LTE_1.4MHz_Nss1,16QAM_1TX	21.41	0.138	21.22	0.13243
LTE_3MHz_Nss1,16QAM_1TX	21.47	0.140	21.28	0.13428
LTE_5MHz_Nss1,16QAM_1TX	21.09	0.129	20.90	0.12303
LTE_10MHz_Nss1,16QAM_1TX	21.25	0.133	21.06	0.12764
LTE_1.4MHz_Nss1,64QAM_1TX	21.30	0.135	21.11	0.12912
LTE_3MHz_Nss1,64QAM_1TX	21.48	0.141	21.29	0.13459
LTE_5MHz_Nss1,64QAM_1TX	21.04	0.127	20.85	0.12162
LTE_10MHz_Nss1,64QAM_1TX	21.16	0.131	20.97	0.12503
Band 13	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	21.97	0.157	21.78	0.15066
LTE_10MHz_Nss1,QPSK_1TX	22.02	0.159	21.83	0.15241
LTE_5MHz_Nss1,16QAM_1TX	21.25	0.133	21.06	0.12764
LTE_10MHz_Nss1,16QAM_1TX	20.92	0.124	20.73	0.11830
LTE_5MHz_Nss1,64QAM_1TX	21.15	0.130	20.96	0.12474
LTE_10MHz_Nss1,64QAM_1TX	20.88	0.122	20.69	0.11722

**Result**

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	-2.51	21.01	21.01	0.126	Inf	18.50	0.07079	2
1850.7MHz_RB 1,#RB L	Pass	-2.51	22.10	22.10	0.162	Inf	19.59	0.09099	2
1850.7MHz_RB 1,#RB M	Pass	-2.51	21.63	21.63	0.146	Inf	19.12	0.08166	2
1850.7MHz_RB 1,#RB H	Pass	-2.51	22.07	22.07	0.161	Inf	19.56	0.09036	2
1850.7MHz_RB 3,#RB L	Pass	-2.51	21.99	21.99	0.158	Inf	19.48	0.08872	2
1850.7MHz_RB 3,#RB M	Pass	-2.51	21.88	21.88	0.154	Inf	19.37	0.08650	2
1850.7MHz_RB 3,#RB H	Pass	-2.51	21.95	21.95	0.157	Inf	19.44	0.08790	2
1880MHz_RB 6,#RB 0	Pass	-2.51	20.87	20.87	0.122	Inf	18.36	0.06855	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.99	21.99	0.158	Inf	19.48	0.08872	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.53	21.53	0.142	Inf	19.02	0.07980	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.91	21.91	0.155	Inf	19.40	0.08710	2
1880MHz_RB 3,#RB L	Pass	-2.51	21.88	21.88	0.154	Inf	19.37	0.08650	2
1880MHz_RB 3,#RB M	Pass	-2.51	21.71	21.71	0.148	Inf	19.20	0.08318	2
1880MHz_RB 3,#RB H	Pass	-2.51	21.91	21.91	0.155	Inf	19.40	0.08710	2
1909.3MHz_RB 6,#RB 0	Pass	-2.51	20.71	20.71	0.118	Inf	18.20	0.06607	2
1909.3MHz_RB 1,#RB L	Pass	-2.51	21.83	21.83	0.152	Inf	19.32	0.08551	2
1909.3MHz_RB 1,#RB M	Pass	-2.51	21.59	21.59	0.144	Inf	19.08	0.08091	2
1909.3MHz_RB 1,#RB H	Pass	-2.51	21.84	21.84	0.153	Inf	19.33	0.08570	2
1909.3MHz_RB 3,#RB L	Pass	-2.51	21.74	21.74	0.149	Inf	19.23	0.08375	2
1909.3MHz_RB 3,#RB M	Pass	-2.51	21.54	21.54	0.143	Inf	19.03	0.07998	2
1909.3MHz_RB 3,#RB H	Pass	-2.51	21.72	21.72	0.149	Inf	19.21	0.08337	2
Band 2_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	-2.51	21.02	21.02	0.126	Inf	18.51	0.07096	2
1851.5MHz_RB 1,#RB L	Pass	-2.51	22.03	22.03	0.160	Inf	19.52	0.08954	2
1851.5MHz_RB 1,#RB M	Pass	-2.51	22.20	22.20	0.166	Inf	19.69	0.09311	2
1851.5MHz_RB 1,#RB H	Pass	-2.51	21.79	21.79	0.151	Inf	19.28	0.08472	2
1851.5MHz_RB 8,#RB L	Pass	-2.51	21.01	21.01	0.126	Inf	18.50	0.07079	2
1851.5MHz_RB 8,#RB M	Pass	-2.51	21.00	21.00	0.126	Inf	18.49	0.07063	2
1851.5MHz_RB 8,#RB H	Pass	-2.51	21.03	21.03	0.127	Inf	18.52	0.07112	2
1880MHz_RB 15,#RB 0	Pass	-2.51	20.87	20.87	0.122	Inf	18.36	0.06855	2
1880MHz_RB 1,#RB L	Pass	-2.51	22.15	22.15	0.164	Inf	19.64	0.09204	2
1880MHz_RB 1,#RB M	Pass	-2.51	22.08	22.08	0.161	Inf	19.57	0.09057	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.84	21.84	0.153	Inf	19.33	0.08570	2
1880MHz_RB 8,#RB L	Pass	-2.51	20.91	20.91	0.123	Inf	18.40	0.06918	2
1880MHz_RB 8,#RB M	Pass	-2.51	20.91	20.91	0.123	Inf	18.40	0.06918	2
1880MHz_RB 8,#RB H	Pass	-2.51	20.96	20.96	0.125	Inf	18.45	0.06998	2
1908.5MHz_RB 15,#RB 0	Pass	-2.51	20.75	20.75	0.119	Inf	18.24	0.06668	2
1908.5MHz_RB 1,#RB L	Pass	-2.51	21.70	21.70	0.148	Inf	19.19	0.08299	2
1908.5MHz_RB 1,#RB M	Pass	-2.51	21.84	21.84	0.153	Inf	19.33	0.08570	2
1908.5MHz_RB 1,#RB H	Pass	-2.51	21.82	21.82	0.152	Inf	19.31	0.08531	2
1908.5MHz_RB 8,#RB L	Pass	-2.51	20.72	20.72	0.118	Inf	18.21	0.06622	2
1908.5MHz_RB 8,#RB M	Pass	-2.51	20.83	20.83	0.121	Inf	18.32	0.06792	2
1908.5MHz_RB 8,#RB H	Pass	-2.51	20.78	20.78	0.120	Inf	18.27	0.06714	2
Band 2_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	-2.51	20.86	20.86	0.122	Inf	18.35	0.06839	2
1852.5MHz_RB 1,#RB L	Pass	-2.51	21.68	21.68	0.147	Inf	19.17	0.08260	2
1852.5MHz_RB 1,#RB M	Pass	-2.51	21.79	21.79	0.151	Inf	19.28	0.08472	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1852.5MHz_RB 1,#RB H	Pass	-2.51	21.63	21.63	0.146	Inf	19.12	0.08166	2
1852.5MHz_RB 12,#RB L	Pass	-2.51	20.92	20.92	0.124	Inf	18.41	0.06934	2
1852.5MHz_RB 12,#RB M	Pass	-2.51	20.82	20.82	0.121	Inf	18.31	0.06776	2
1852.5MHz_RB 12,#RB H	Pass	-2.51	20.90	20.90	0.123	Inf	18.39	0.06902	2
1880MHz_RB 25,#RB 0	Pass	-2.51	20.73	20.73	0.118	Inf	18.22	0.06637	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.61	21.61	0.145	Inf	19.10	0.08128	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.65	21.65	0.146	Inf	19.14	0.08204	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.62	21.62	0.145	Inf	19.11	0.08147	2
1880MHz_RB 12,#RB L	Pass	-2.51	20.74	20.74	0.119	Inf	18.23	0.06653	2
1880MHz_RB 12,#RB M	Pass	-2.51	20.70	20.70	0.117	Inf	18.19	0.06592	2
1880MHz_RB 12,#RB H	Pass	-2.51	20.66	20.66	0.116	Inf	18.15	0.06531	2
1907.5MHz_RB 25,#RB 0	Pass	-2.51	20.61	20.61	0.115	Inf	18.10	0.06457	2
1907.5MHz_RB 1,#RB L	Pass	-2.51	21.48	21.48	0.141	Inf	18.97	0.07889	2
1907.5MHz_RB 1,#RB M	Pass	-2.51	21.53	21.53	0.142	Inf	19.02	0.07980	2
1907.5MHz_RB 1,#RB H	Pass	-2.51	21.39	21.39	0.138	Inf	18.88	0.07727	2
1907.5MHz_RB 12,#RB L	Pass	-2.51	20.60	20.60	0.115	Inf	18.09	0.06442	2
1907.5MHz_RB 12,#RB M	Pass	-2.51	20.62	20.62	0.115	Inf	18.11	0.06471	2
1907.5MHz_RB 12,#RB H	Pass	-2.51	20.60	20.60	0.115	Inf	18.09	0.06442	2
Band 2_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	-2.51	20.93	20.93	0.124	Inf	18.42	0.06950	2
1855MHz_RB 1,#RB L	Pass	-2.51	21.86	21.86	0.153	Inf	19.35	0.08610	2
1855MHz_RB 1,#RB M	Pass	-2.51	21.95	21.95	0.157	Inf	19.44	0.08790	2
1855MHz_RB 1,#RB H	Pass	-2.51	21.79	21.79	0.151	Inf	19.28	0.08472	2
1855MHz_RB 25,#RB L	Pass	-2.51	20.97	20.97	0.125	Inf	18.46	0.07015	2
1855MHz_RB 25,#RB M	Pass	-2.51	20.90	20.90	0.123	Inf	18.39	0.06902	2
1855MHz_RB 25,#RB H	Pass	-2.51	20.95	20.95	0.124	Inf	18.44	0.06982	2
1880MHz_RB 50,#RB 0	Pass	-2.51	20.84	20.84	0.121	Inf	18.33	0.06808	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.87	21.87	0.154	Inf	19.36	0.08630	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.80	21.80	0.151	Inf	19.29	0.08492	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.68	21.68	0.147	Inf	19.17	0.08260	2
1880MHz_RB 25,#RB L	Pass	-2.51	20.85	20.85	0.122	Inf	18.34	0.06823	2
1880MHz_RB 25,#RB M	Pass	-2.51	20.79	20.79	0.120	Inf	18.28	0.06730	2
1880MHz_RB 25,#RB H	Pass	-2.51	20.77	20.77	0.119	Inf	18.26	0.06699	2
1905MHz_RB 50,#RB 0	Pass	-2.51	20.62	20.62	0.115	Inf	18.11	0.06471	2
1905MHz_RB 1,#RB L	Pass	-2.51	21.69	21.69	0.148	Inf	19.18	0.08279	2
1905MHz_RB 1,#RB M	Pass	-2.51	21.63	21.63	0.146	Inf	19.12	0.08166	2
1905MHz_RB 1,#RB H	Pass	-2.51	21.71	21.71	0.148	Inf	19.20	0.08318	2
1905MHz_RB 25,#RB L	Pass	-2.51	20.73	20.73	0.118	Inf	18.22	0.06637	2
1905MHz_RB 25,#RB M	Pass	-2.51	20.55	20.55	0.114	Inf	18.04	0.06368	2
1905MHz_RB 25,#RB H	Pass	-2.51	20.60	20.60	0.115	Inf	18.09	0.06442	2
Band 2_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	-2.51	21.06	21.06	0.128	Inf	18.55	0.07161	2
1857.5MHz_RB 1,#RB L	Pass	-2.51	21.91	21.91	0.155	Inf	19.40	0.08710	2
1857.5MHz_RB 1,#RB M	Pass	-2.51	21.88	21.88	0.154	Inf	19.37	0.08650	2
1857.5MHz_RB 1,#RB H	Pass	-2.51	21.49	21.49	0.141	Inf	18.98	0.07907	2
1857.5MHz_RB 36,#RB L	Pass	-2.51	21.10	21.10	0.129	Inf	18.59	0.07228	2
1857.5MHz_RB 36,#RB M	Pass	-2.51	20.94	20.94	0.124	Inf	18.43	0.06966	2
1857.5MHz_RB 36,#RB H	Pass	-2.51	20.98	20.98	0.125	Inf	18.47	0.07031	2



Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1880MHz_RB 75,#RB 0	Pass	-2.51	20.82	20.82	0.121	Inf	18.31	0.06776	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.67	21.67	0.147	Inf	19.16	0.08241	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.66	21.66	0.147	Inf	19.15	0.08222	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.20	21.20	0.132	Inf	18.69	0.07396	2
1880MHz_RB 36,#RB L	Pass	-2.51	20.96	20.96	0.125	Inf	18.45	0.06998	2
1880MHz_RB 36,#RB M	Pass	-2.51	20.76	20.76	0.119	Inf	18.25	0.06683	2
1880MHz_RB 36,#RB H	Pass	-2.51	20.70	20.70	0.117	Inf	18.19	0.06592	2
1902.5MHz_RB 75,#RB 0	Pass	-2.51	20.76	20.76	0.119	Inf	18.25	0.06683	2
1902.5MHz_RB 1,#RB L	Pass	-2.51	21.69	21.69	0.148	Inf	19.18	0.08279	2
1902.5MHz_RB 1,#RB M	Pass	-2.51	21.57	21.57	0.144	Inf	19.06	0.08054	2
1902.5MHz_RB 1,#RB H	Pass	-2.51	21.43	21.43	0.139	Inf	18.92	0.07798	2
1902.5MHz_RB 36,#RB L	Pass	-2.51	20.87	20.87	0.122	Inf	18.36	0.06855	2
1902.5MHz_RB 36,#RB M	Pass	-2.51	20.65	20.65	0.116	Inf	18.14	0.06516	2
1902.5MHz_RB 36,#RB H	Pass	-2.51	20.69	20.69	0.117	Inf	18.18	0.06577	2
Band 2_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	-2.51	21.02	21.02	0.126	Inf	18.51	0.07096	2
1860MHz_RB 1,#RB L	Pass	-2.51	21.55	21.55	0.143	Inf	19.04	0.08017	2
1860MHz_RB 1,#RB M	Pass	-2.51	21.77	21.77	0.150	Inf	19.26	0.08433	2
1860MHz_RB 1,#RB H	Pass	-2.51	21.20	21.20	0.132	Inf	18.69	0.07396	2
1860MHz_RB 50,#RB L	Pass	-2.51	21.04	21.04	0.127	Inf	18.53	0.07129	2
1860MHz_RB 50,#RB M	Pass	-2.51	20.97	20.97	0.125	Inf	18.46	0.07015	2
1860MHz_RB 50,#RB H	Pass	-2.51	21.02	21.02	0.126	Inf	18.51	0.07096	2
1880MHz_RB 100,#RB 0	Pass	-2.51	20.88	20.88	0.122	Inf	18.37	0.06871	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.57	21.57	0.144	Inf	19.06	0.08054	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.66	21.66	0.147	Inf	19.15	0.08222	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.93	20.93	0.124	Inf	18.42	0.06950	2
1880MHz_RB 50,#RB L	Pass	-2.51	20.97	20.97	0.125	Inf	18.46	0.07015	2
1880MHz_RB 50,#RB M	Pass	-2.51	20.79	20.79	0.120	Inf	18.28	0.06730	2
1880MHz_RB 50,#RB H	Pass	-2.51	20.71	20.71	0.118	Inf	18.20	0.06607	2
1900MHz_RB 100,#RB 0	Pass	-2.51	20.68	20.68	0.117	Inf	18.17	0.06561	2
1900MHz_RB 1,#RB L	Pass	-2.51	21.41	21.41	0.138	Inf	18.90	0.07762	2
1900MHz_RB 1,#RB M	Pass	-2.51	21.47	21.47	0.140	Inf	18.96	0.07870	2
1900MHz_RB 1,#RB H	Pass	-2.51	20.95	20.95	0.124	Inf	18.44	0.06982	2
1900MHz_RB 50,#RB L	Pass	-2.51	20.80	20.80	0.120	Inf	18.29	0.06745	2
1900MHz_RB 50,#RB M	Pass	-2.51	20.62	20.62	0.115	Inf	18.11	0.06471	2
1900MHz_RB 50,#RB H	Pass	-2.51	20.66	20.66	0.116	Inf	18.15	0.06531	2
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	-2.51	20.20	20.20	0.105	Inf	17.69	0.05875	2
1850.7MHz_RB 1,#RB L	Pass	-2.51	21.36	21.36	0.137	Inf	18.85	0.07674	2
1850.7MHz_RB 1,#RB M	Pass	-2.51	21.00	21.00	0.126	Inf	18.49	0.07063	2
1850.7MHz_RB 1,#RB H	Pass	-2.51	21.38	21.38	0.137	Inf	18.87	0.07709	2
1850.7MHz_RB 3,#RB L	Pass	-2.51	21.01	21.01	0.126	Inf	18.50	0.07079	2
1850.7MHz_RB 3,#RB M	Pass	-2.51	20.83	20.83	0.121	Inf	18.32	0.06792	2
1850.7MHz_RB 3,#RB H	Pass	-2.51	20.98	20.98	0.125	Inf	18.47	0.07031	2
1880MHz_RB 6,#RB 0	Pass	-2.51	20.04	20.04	0.101	Inf	17.53	0.05662	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.29	21.29	0.135	Inf	18.78	0.07551	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.93	20.93	0.124	Inf	18.42	0.06950	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.36	21.36	0.137	Inf	18.85	0.07674	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1880MHz_RB 3,#RB L	Pass	-2.51	20.90	20.90	0.123	Inf	18.39	0.06902	2
1880MHz_RB 3,#RB M	Pass	-2.51	20.82	20.82	0.121	Inf	18.31	0.06776	2
1880MHz_RB 3,#RB H	Pass	-2.51	20.86	20.86	0.122	Inf	18.35	0.06839	2
1909.3MHz_RB 6,#RB 0	Pass	-2.51	19.86	19.86	0.097	Inf	17.35	0.05433	2
1909.3MHz_RB 1,#RB L	Pass	-2.51	21.21	21.21	0.132	Inf	18.70	0.07413	2
1909.3MHz_RB 1,#RB M	Pass	-2.51	20.78	20.78	0.120	Inf	18.27	0.06714	2
1909.3MHz_RB 1,#RB H	Pass	-2.51	21.15	21.15	0.130	Inf	18.64	0.07311	2
1909.3MHz_RB 3,#RB L	Pass	-2.51	20.72	20.72	0.118	Inf	18.21	0.06622	2
1909.3MHz_RB 3,#RB M	Pass	-2.51	20.66	20.66	0.116	Inf	18.15	0.06531	2
1909.3MHz_RB 3,#RB H	Pass	-2.51	20.76	20.76	0.119	Inf	18.25	0.06683	2
Band 2_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	-2.51	20.12	20.12	0.103	Inf	17.61	0.05768	2
1851.5MHz_RB 1,#RB L	Pass	-2.51	21.32	21.32	0.136	Inf	18.81	0.07603	2
1851.5MHz_RB 1,#RB M	Pass	-2.51	21.38	21.38	0.137	Inf	18.87	0.07709	2
1851.5MHz_RB 1,#RB H	Pass	-2.51	21.34	21.34	0.136	Inf	18.83	0.07638	2
1851.5MHz_RB 8,#RB L	Pass	-2.51	20.17	20.17	0.104	Inf	17.66	0.05834	2
1851.5MHz_RB 8,#RB M	Pass	-2.51	20.08	20.08	0.102	Inf	17.57	0.05715	2
1851.5MHz_RB 8,#RB H	Pass	-2.51	20.12	20.12	0.103	Inf	17.61	0.05768	2
1880MHz_RB 15,#RB 0	Pass	-2.51	19.96	19.96	0.099	Inf	17.45	0.05559	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.22	21.22	0.132	Inf	18.71	0.07430	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.29	21.29	0.135	Inf	18.78	0.07551	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.00	21.00	0.126	Inf	18.49	0.07063	2
1880MHz_RB 8,#RB L	Pass	-2.51	20.08	20.08	0.102	Inf	17.57	0.05715	2
1880MHz_RB 8,#RB M	Pass	-2.51	19.96	19.96	0.099	Inf	17.45	0.05559	2
1880MHz_RB 8,#RB H	Pass	-2.51	20.04	20.04	0.101	Inf	17.53	0.05662	2
1908.5MHz_RB 15,#RB 0	Pass	-2.51	19.91	19.91	0.098	Inf	17.40	0.05495	2
1908.5MHz_RB 1,#RB L	Pass	-2.51	21.31	21.31	0.135	Inf	18.80	0.07586	2
1908.5MHz_RB 1,#RB M	Pass	-2.51	20.88	20.88	0.122	Inf	18.37	0.06871	2
1908.5MHz_RB 1,#RB H	Pass	-2.51	20.96	20.96	0.125	Inf	18.45	0.06998	2
1908.5MHz_RB 8,#RB L	Pass	-2.51	19.98	19.98	0.100	Inf	17.47	0.05585	2
1908.5MHz_RB 8,#RB M	Pass	-2.51	19.90	19.90	0.098	Inf	17.39	0.05483	2
1908.5MHz_RB 8,#RB H	Pass	-2.51	19.88	19.88	0.097	Inf	17.37	0.05458	2
Band 2_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	-2.51	19.98	19.98	0.100	Inf	17.47	0.05585	2
1852.5MHz_RB 1,#RB L	Pass	-2.51	21.08	21.08	0.128	Inf	18.57	0.07194	2
1852.5MHz_RB 1,#RB M	Pass	-2.51	20.99	20.99	0.126	Inf	18.48	0.07047	2
1852.5MHz_RB 1,#RB H	Pass	-2.51	20.97	20.97	0.125	Inf	18.46	0.07015	2
1852.5MHz_RB 12,#RB L	Pass	-2.51	20.03	20.03	0.101	Inf	17.52	0.05649	2
1852.5MHz_RB 12,#RB M	Pass	-2.51	19.96	19.96	0.099	Inf	17.45	0.05559	2
1852.5MHz_RB 12,#RB H	Pass	-2.51	19.97	19.97	0.099	Inf	17.46	0.05572	2
1880MHz_RB 25,#RB 0	Pass	-2.51	19.81	19.81	0.096	Inf	17.30	0.05370	2
1880MHz_RB 1,#RB L	Pass	-2.51	20.89	20.89	0.123	Inf	18.38	0.06887	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.91	20.91	0.123	Inf	18.40	0.06918	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.93	20.93	0.124	Inf	18.42	0.06950	2
1880MHz_RB 12,#RB L	Pass	-2.51	19.91	19.91	0.098	Inf	17.40	0.05495	2
1880MHz_RB 12,#RB M	Pass	-2.51	19.84	19.84	0.096	Inf	17.33	0.05408	2
1880MHz_RB 12,#RB H	Pass	-2.51	19.82	19.82	0.096	Inf	17.31	0.05383	2
1907.5MHz_RB 25,#RB 0	Pass	-2.51	19.69	19.69	0.093	Inf	17.18	0.05224	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1907.5MHz_RB 1,#RB L	Pass	-2.51	20.73	20.73	0.118	Inf	18.22	0.06637	2
1907.5MHz_RB 1,#RB M	Pass	-2.51	20.88	20.88	0.122	Inf	18.37	0.06871	2
1907.5MHz_RB 1,#RB H	Pass	-2.51	20.57	20.57	0.114	Inf	18.06	0.06397	2
1907.5MHz_RB 12,#RB L	Pass	-2.51	19.68	19.68	0.093	Inf	17.17	0.05212	2
1907.5MHz_RB 12,#RB M	Pass	-2.51	19.68	19.68	0.093	Inf	17.17	0.05212	2
1907.5MHz_RB 12,#RB H	Pass	-2.51	19.69	19.69	0.093	Inf	17.18	0.05224	2
Band 2_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	-2.51	20.04	20.04	0.101	Inf	17.53	0.05662	2
1855MHz_RB 1,#RB L	Pass	-2.51	21.22	21.22	0.132	Inf	18.71	0.07430	2
1855MHz_RB 1,#RB M	Pass	-2.51	21.24	21.24	0.133	Inf	18.73	0.07464	2
1855MHz_RB 1,#RB H	Pass	-2.51	21.09	21.09	0.129	Inf	18.58	0.07211	2
1855MHz_RB 25,#RB L	Pass	-2.51	20.06	20.06	0.101	Inf	17.55	0.05689	2
1855MHz_RB 25,#RB M	Pass	-2.51	20.01	20.01	0.100	Inf	17.50	0.05623	2
1855MHz_RB 25,#RB H	Pass	-2.51	20.03	20.03	0.101	Inf	17.52	0.05649	2
1880MHz_RB 50,#RB 0	Pass	-2.51	19.96	19.96	0.099	Inf	17.45	0.05559	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.26	21.26	0.134	Inf	18.75	0.07499	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.10	21.10	0.129	Inf	18.59	0.07228	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.90	20.90	0.123	Inf	18.39	0.06902	2
1880MHz_RB 25,#RB L	Pass	-2.51	19.96	19.96	0.099	Inf	17.45	0.05559	2
1880MHz_RB 25,#RB M	Pass	-2.51	19.91	19.91	0.098	Inf	17.40	0.05495	2
1880MHz_RB 25,#RB H	Pass	-2.51	19.91	19.91	0.098	Inf	17.40	0.05495	2
1905MHz_RB 50,#RB 0	Pass	-2.51	19.71	19.71	0.094	Inf	17.20	0.05248	2
1905MHz_RB 1,#RB L	Pass	-2.51	20.99	20.99	0.126	Inf	18.48	0.07047	2
1905MHz_RB 1,#RB M	Pass	-2.51	21.00	21.00	0.126	Inf	18.49	0.07063	2
1905MHz_RB 1,#RB H	Pass	-2.51	20.83	20.83	0.121	Inf	18.32	0.06792	2
1905MHz_RB 25,#RB L	Pass	-2.51	19.79	19.79	0.095	Inf	17.28	0.05346	2
1905MHz_RB 25,#RB M	Pass	-2.51	19.75	19.75	0.094	Inf	17.24	0.05297	2
1905MHz_RB 25,#RB H	Pass	-2.51	19.79	19.79	0.095	Inf	17.28	0.05346	2
Band 2_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	-2.51	20.09	20.09	0.102	Inf	17.58	0.05728	2
1857.5MHz_RB 1,#RB L	Pass	-2.51	21.04	21.04	0.127	Inf	18.53	0.07129	2
1857.5MHz_RB 1,#RB M	Pass	-2.51	21.01	21.01	0.126	Inf	18.50	0.07079	2
1857.5MHz_RB 1,#RB H	Pass	-2.51	20.72	20.72	0.118	Inf	18.21	0.06622	2
1857.5MHz_RB 36,#RB L	Pass	-2.51	20.11	20.11	0.103	Inf	17.60	0.05754	2
1857.5MHz_RB 36,#RB M	Pass	-2.51	19.99	19.99	0.100	Inf	17.48	0.05598	2
1857.5MHz_RB 36,#RB H	Pass	-2.51	20.06	20.06	0.101	Inf	17.55	0.05689	2
1880MHz_RB 75,#RB 0	Pass	-2.51	19.97	19.97	0.099	Inf	17.46	0.05572	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.28	21.28	0.134	Inf	18.77	0.07534	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.87	20.87	0.122	Inf	18.36	0.06855	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.63	20.63	0.116	Inf	18.12	0.06486	2
1880MHz_RB 36,#RB L	Pass	-2.51	20.08	20.08	0.102	Inf	17.57	0.05715	2
1880MHz_RB 36,#RB M	Pass	-2.51	19.84	19.84	0.096	Inf	17.33	0.05408	2
1880MHz_RB 36,#RB H	Pass	-2.51	19.86	19.86	0.097	Inf	17.35	0.05433	2
1902.5MHz_RB 75,#RB 0	Pass	-2.51	19.82	19.82	0.096	Inf	17.31	0.05383	2
1902.5MHz_RB 1,#RB L	Pass	-2.51	20.84	20.84	0.121	Inf	18.33	0.06808	2
1902.5MHz_RB 1,#RB M	Pass	-2.51	20.70	20.70	0.117	Inf	18.19	0.06592	2
1902.5MHz_RB 1,#RB H	Pass	-2.51	20.68	20.68	0.117	Inf	18.17	0.06561	2
1902.5MHz_RB 36,#RB L	Pass	-2.51	19.87	19.87	0.097	Inf	17.36	0.05445	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1902.5MHz_RB 36,#RB M	Pass	-2.51	19.72	19.72	0.094	Inf	17.21	0.05260	2
1902.5MHz_RB 36,#RB H	Pass	-2.51	19.72	19.72	0.094	Inf	17.21	0.05260	2
Band 2_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	-2.51	20.09	20.09	0.102	Inf	17.58	0.05728	2
1860MHz_RB 1,#RB L	Pass	-2.51	20.71	20.71	0.118	Inf	18.20	0.06607	2
1860MHz_RB 1,#RB M	Pass	-2.51	21.15	21.15	0.130	Inf	18.64	0.07311	2
1860MHz_RB 1,#RB H	Pass	-2.51	20.52	20.52	0.113	Inf	18.01	0.06324	2
1860MHz_RB 50,#RB L	Pass	-2.51	20.25	20.25	0.106	Inf	17.74	0.05943	2
1860MHz_RB 50,#RB M	Pass	-2.51	20.04	20.04	0.101	Inf	17.53	0.05662	2
1860MHz_RB 50,#RB H	Pass	-2.51	20.09	20.09	0.102	Inf	17.58	0.05728	2
1880MHz_RB 100,#RB 0	Pass	-2.51	19.92	19.92	0.098	Inf	17.41	0.05508	2
1880MHz_RB 1,#RB L	Pass	-2.51	20.73	20.73	0.118	Inf	18.22	0.06637	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.99	20.99	0.126	Inf	18.48	0.07047	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.13	20.13	0.103	Inf	17.62	0.05781	2
1880MHz_RB 50,#RB L	Pass	-2.51	20.06	20.06	0.101	Inf	17.55	0.05689	2
1880MHz_RB 50,#RB M	Pass	-2.51	19.86	19.86	0.097	Inf	17.35	0.05433	2
1880MHz_RB 50,#RB H	Pass	-2.51	19.78	19.78	0.095	Inf	17.27	0.05333	2
1900MHz_RB 100,#RB 0	Pass	-2.51	19.78	19.78	0.095	Inf	17.27	0.05333	2
1900MHz_RB 1,#RB L	Pass	-2.51	20.88	20.88	0.122	Inf	18.37	0.06871	2
1900MHz_RB 1,#RB M	Pass	-2.51	20.80	20.80	0.120	Inf	18.29	0.06745	2
1900MHz_RB 1,#RB H	Pass	-2.51	20.40	20.40	0.110	Inf	17.89	0.06152	2
1900MHz_RB 50,#RB L	Pass	-2.51	20.03	20.03	0.101	Inf	17.52	0.05649	2
1900MHz_RB 50,#RB M	Pass	-2.51	19.77	19.77	0.095	Inf	17.26	0.05321	2
1900MHz_RB 50,#RB H	Pass	-2.51	19.84	19.84	0.096	Inf	17.33	0.05408	2
Band 2_LTE_1.4MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1850.7MHz_RB 6,#RB 0	Pass	-2.51	20.17	20.17	0.104	Inf	17.66	0.05834	2
1850.7MHz_RB 1,#RB L	Pass	-2.51	21.38	21.38	0.137	Inf	18.87	0.07709	2
1850.7MHz_RB 1,#RB M	Pass	-2.51	21.16	21.16	0.131	Inf	18.65	0.07328	2
1850.7MHz_RB 1,#RB H	Pass	-2.51	21.49	21.49	0.141	Inf	18.98	0.07907	2
1850.7MHz_RB 3,#RB L	Pass	-2.51	21.06	21.06	0.128	Inf	18.55	0.07161	2
1850.7MHz_RB 3,#RB M	Pass	-2.51	20.95	20.95	0.124	Inf	18.44	0.06982	2
1850.7MHz_RB 3,#RB H	Pass	-2.51	21.13	21.13	0.130	Inf	18.62	0.07278	2
1880MHz_RB 6,#RB 0	Pass	-2.51	19.97	19.97	0.099	Inf	17.46	0.05572	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.25	21.25	0.133	Inf	18.74	0.07482	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.87	20.87	0.122	Inf	18.36	0.06855	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.01	21.01	0.126	Inf	18.50	0.07079	2
1880MHz_RB 3,#RB L	Pass	-2.51	20.98	20.98	0.125	Inf	18.47	0.07031	2
1880MHz_RB 3,#RB M	Pass	-2.51	20.77	20.77	0.119	Inf	18.26	0.06699	2
1880MHz_RB 3,#RB H	Pass	-2.51	20.96	20.96	0.125	Inf	18.45	0.06998	2
1909.3MHz_RB 6,#RB 0	Pass	-2.51	19.86	19.86	0.097	Inf	17.35	0.05433	2
1909.3MHz_RB 1,#RB L	Pass	-2.51	21.04	21.04	0.127	Inf	18.53	0.07129	2
1909.3MHz_RB 1,#RB M	Pass	-2.51	20.61	20.61	0.115	Inf	18.10	0.06457	2
1909.3MHz_RB 1,#RB H	Pass	-2.51	21.08	21.08	0.128	Inf	18.57	0.07194	2
1909.3MHz_RB 3,#RB L	Pass	-2.51	20.86	20.86	0.122	Inf	18.35	0.06839	2
1909.3MHz_RB 3,#RB M	Pass	-2.51	20.67	20.67	0.117	Inf	18.16	0.06546	2
1909.3MHz_RB 3,#RB H	Pass	-2.51	20.75	20.75	0.119	Inf	18.24	0.06668	2
Band 2_LTE_3MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1851.5MHz_RB 15,#RB 0	Pass	-2.51	20.13	20.13	0.103	Inf	17.62	0.05781	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1851.5MHz_RB 1,#RB L	Pass	-2.51	21.25	21.25	0.133	Inf	18.74	0.07482	2
1851.5MHz_RB 1,#RB M	Pass	-2.51	21.14	21.14	0.130	Inf	18.63	0.07295	2
1851.5MHz_RB 1,#RB H	Pass	-2.51	21.20	21.20	0.132	Inf	18.69	0.07396	2
1851.5MHz_RB 8,#RB L	Pass	-2.51	20.23	20.23	0.105	Inf	17.72	0.05916	2
1851.5MHz_RB 8,#RB M	Pass	-2.51	20.29	20.29	0.107	Inf	17.78	0.05998	2
1851.5MHz_RB 8,#RB H	Pass	-2.51	20.21	20.21	0.105	Inf	17.70	0.05888	2
1880MHz_RB 15,#RB 0	Pass	-2.51	20.00	20.00	0.100	Inf	17.49	0.05610	2
1880MHz_RB 1,#RB L	Pass	-2.51	20.91	20.91	0.123	Inf	18.40	0.06918	2
1880MHz_RB 1,#RB M	Pass	-2.51	21.13	21.13	0.130	Inf	18.62	0.07278	2
1880MHz_RB 1,#RB H	Pass	-2.51	21.20	21.20	0.132	Inf	18.69	0.07396	2
1880MHz_RB 8,#RB L	Pass	-2.51	20.00	20.00	0.100	Inf	17.49	0.05610	2
1880MHz_RB 8,#RB M	Pass	-2.51	20.01	20.01	0.100	Inf	17.50	0.05623	2
1880MHz_RB 8,#RB H	Pass	-2.51	20.03	20.03	0.101	Inf	17.52	0.05649	2
1908.5MHz_RB 15,#RB 0	Pass	-2.51	19.88	19.88	0.097	Inf	17.37	0.05458	2
1908.5MHz_RB 1,#RB L	Pass	-2.51	21.05	21.05	0.127	Inf	18.54	0.07145	2
1908.5MHz_RB 1,#RB M	Pass	-2.51	21.01	21.01	0.126	Inf	18.50	0.07079	2
1908.5MHz_RB 1,#RB H	Pass	-2.51	20.99	20.99	0.126	Inf	18.48	0.07047	2
1908.5MHz_RB 8,#RB L	Pass	-2.51	20.00	20.00	0.100	Inf	17.49	0.05610	2
1908.5MHz_RB 8,#RB M	Pass	-2.51	19.96	19.96	0.099	Inf	17.45	0.05559	2
1908.5MHz_RB 8,#RB H	Pass	-2.51	19.86	19.86	0.097	Inf	17.35	0.05433	2
Band 2_LTE_5MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1852.5MHz_RB 25,#RB 0	Pass	-2.51	20.01	20.01	0.100	Inf	17.50	0.05623	2
1852.5MHz_RB 1,#RB L	Pass	-2.51	21.02	21.02	0.126	Inf	18.51	0.07096	2
1852.5MHz_RB 1,#RB M	Pass	-2.51	21.12	21.12	0.129	Inf	18.61	0.07261	2
1852.5MHz_RB 1,#RB H	Pass	-2.51	20.82	20.82	0.121	Inf	18.31	0.06776	2
1852.5MHz_RB 12,#RB L	Pass	-2.51	20.06	20.06	0.101	Inf	17.55	0.05689	2
1852.5MHz_RB 12,#RB M	Pass	-2.51	19.95	19.95	0.099	Inf	17.44	0.05546	2
1852.5MHz_RB 12,#RB H	Pass	-2.51	19.98	19.98	0.100	Inf	17.47	0.05585	2
1880MHz_RB 25,#RB 0	Pass	-2.51	19.93	19.93	0.098	Inf	17.42	0.05521	2
1880MHz_RB 1,#RB L	Pass	-2.51	20.81	20.81	0.121	Inf	18.30	0.06761	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.96	20.96	0.125	Inf	18.45	0.06998	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.78	20.78	0.120	Inf	18.27	0.06714	2
1880MHz_RB 12,#RB L	Pass	-2.51	19.90	19.90	0.098	Inf	17.39	0.05483	2
1880MHz_RB 12,#RB M	Pass	-2.51	19.84	19.84	0.096	Inf	17.33	0.05408	2
1880MHz_RB 12,#RB H	Pass	-2.51	19.87	19.87	0.097	Inf	17.36	0.05445	2
1907.5MHz_RB 25,#RB 0	Pass	-2.51	19.77	19.77	0.095	Inf	17.26	0.05321	2
1907.5MHz_RB 1,#RB L	Pass	-2.51	20.66	20.66	0.116	Inf	18.15	0.06531	2
1907.5MHz_RB 1,#RB M	Pass	-2.51	20.86	20.86	0.122	Inf	18.35	0.06839	2
1907.5MHz_RB 1,#RB H	Pass	-2.51	20.52	20.52	0.113	Inf	18.01	0.06324	2
1907.5MHz_RB 12,#RB L	Pass	-2.51	19.76	19.76	0.095	Inf	17.25	0.05309	2
1907.5MHz_RB 12,#RB M	Pass	-2.51	19.72	19.72	0.094	Inf	17.21	0.05260	2
1907.5MHz_RB 12,#RB H	Pass	-2.51	19.73	19.73	0.094	Inf	17.22	0.05272	2
Band 2_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1855MHz_RB 50,#RB 0	Pass	-2.51	20.03	20.03	0.101	Inf	17.52	0.05649	2
1855MHz_RB 1,#RB L	Pass	-2.51	21.21	21.21	0.132	Inf	18.70	0.07413	2
1855MHz_RB 1,#RB M	Pass	-2.51	21.04	21.04	0.127	Inf	18.53	0.07129	2
1855MHz_RB 1,#RB H	Pass	-2.51	21.08	21.08	0.128	Inf	18.57	0.07194	2
1855MHz_RB 25,#RB L	Pass	-2.51	20.06	20.06	0.101	Inf	17.55	0.05689	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1855MHz_RB 25,#RB M	Pass	-2.51	20.01	20.01	0.100	Inf	17.50	0.05623	2
1855MHz_RB 25,#RB H	Pass	-2.51	20.01	20.01	0.100	Inf	17.50	0.05623	2
1880MHz_RB 50,#RB 0	Pass	-2.51	20.02	20.02	0.100	Inf	17.51	0.05636	2
1880MHz_RB 1,#RB L	Pass	-2.51	21.12	21.12	0.129	Inf	18.61	0.07261	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.92	20.92	0.124	Inf	18.41	0.06934	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.93	20.93	0.124	Inf	18.42	0.06950	2
1880MHz_RB 25,#RB L	Pass	-2.51	19.97	19.97	0.099	Inf	17.46	0.05572	2
1880MHz_RB 25,#RB M	Pass	-2.51	20.02	20.02	0.100	Inf	17.51	0.05636	2
1880MHz_RB 25,#RB H	Pass	-2.51	19.93	19.93	0.098	Inf	17.42	0.05521	2
1905MHz_RB 50,#RB 0	Pass	-2.51	19.83	19.83	0.096	Inf	17.32	0.05395	2
1905MHz_RB 1,#RB L	Pass	-2.51	20.68	20.68	0.117	Inf	18.17	0.06561	2
1905MHz_RB 1,#RB M	Pass	-2.51	20.77	20.77	0.119	Inf	18.26	0.06699	2
1905MHz_RB 1,#RB H	Pass	-2.51	20.68	20.68	0.117	Inf	18.17	0.06561	2
1905MHz_RB 25,#RB L	Pass	-2.51	19.79	19.79	0.095	Inf	17.28	0.05346	2
1905MHz_RB 25,#RB M	Pass	-2.51	19.74	19.74	0.094	Inf	17.23	0.05284	2
1905MHz_RB 25,#RB H	Pass	-2.51	19.84	19.84	0.096	Inf	17.33	0.05408	2
Band 2_LTE_15MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1857.5MHz_RB 75,#RB 0	Pass	-2.51	20.19	20.19	0.104	Inf	17.68	0.05861	2
1857.5MHz_RB 1,#RB L	Pass	-2.51	20.98	20.98	0.125	Inf	18.47	0.07031	2
1857.5MHz_RB 1,#RB M	Pass	-2.51	20.88	20.88	0.122	Inf	18.37	0.06871	2
1857.5MHz_RB 1,#RB H	Pass	-2.51	20.80	20.80	0.120	Inf	18.29	0.06745	2
1857.5MHz_RB 36,#RB L	Pass	-2.51	20.15	20.15	0.104	Inf	17.64	0.05808	2
1857.5MHz_RB 36,#RB M	Pass	-2.51	20.01	20.01	0.100	Inf	17.50	0.05623	2
1857.5MHz_RB 36,#RB H	Pass	-2.51	20.02	20.02	0.100	Inf	17.51	0.05636	2
1880MHz_RB 75,#RB 0	Pass	-2.51	19.93	19.93	0.098	Inf	17.42	0.05521	2
1880MHz_RB 1,#RB L	Pass	-2.51	20.69	20.69	0.117	Inf	18.18	0.06577	2
1880MHz_RB 1,#RB M	Pass	-2.51	20.86	20.86	0.122	Inf	18.35	0.06839	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.47	20.47	0.111	Inf	17.96	0.06252	2
1880MHz_RB 36,#RB L	Pass	-2.51	20.02	20.02	0.100	Inf	17.51	0.05636	2
1880MHz_RB 36,#RB M	Pass	-2.51	19.84	19.84	0.096	Inf	17.33	0.05408	2
1880MHz_RB 36,#RB H	Pass	-2.51	19.90	19.90	0.098	Inf	17.39	0.05483	2
1902.5MHz_RB 75,#RB 0	Pass	-2.51	19.86	19.86	0.097	Inf	17.35	0.05433	2
1902.5MHz_RB 1,#RB L	Pass	-2.51	20.96	20.96	0.125	Inf	18.45	0.06998	2
1902.5MHz_RB 1,#RB M	Pass	-2.51	20.60	20.60	0.115	Inf	18.09	0.06442	2
1902.5MHz_RB 1,#RB H	Pass	-2.51	20.41	20.41	0.110	Inf	17.90	0.06166	2
1902.5MHz_RB 36,#RB L	Pass	-2.51	19.82	19.82	0.096	Inf	17.31	0.05383	2
1902.5MHz_RB 36,#RB M	Pass	-2.51	19.69	19.69	0.093	Inf	17.18	0.05224	2
1902.5MHz_RB 36,#RB H	Pass	-2.51	19.72	19.72	0.094	Inf	17.21	0.05260	2
Band 2_LTE_20MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1860MHz_RB 100,#RB 0	Pass	-2.51	20.07	20.07	0.102	Inf	17.56	0.05702	2
1860MHz_RB 1,#RB L	Pass	-2.51	20.63	20.63	0.116	Inf	18.12	0.06486	2
1860MHz_RB 1,#RB M	Pass	-2.51	21.11	21.11	0.129	Inf	18.60	0.07244	2
1860MHz_RB 1,#RB H	Pass	-2.51	20.41	20.41	0.110	Inf	17.90	0.06166	2
1860MHz_RB 50,#RB L	Pass	-2.51	20.09	20.09	0.102	Inf	17.58	0.05728	2
1860MHz_RB 50,#RB M	Pass	-2.51	20.13	20.13	0.103	Inf	17.62	0.05781	2
1860MHz_RB 50,#RB H	Pass	-2.51	19.94	19.94	0.099	Inf	17.43	0.05534	2
1880MHz_RB 100,#RB 0	Pass	-2.51	19.92	19.92	0.098	Inf	17.41	0.05508	2
1880MHz_RB 1,#RB L	Pass	-2.51	20.74	20.74	0.119	Inf	18.23	0.06653	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1880MHz_RB 1,#RB M	Pass	-2.51	20.98	20.98	0.125	Inf	18.47	0.07031	2
1880MHz_RB 1,#RB H	Pass	-2.51	20.13	20.13	0.103	Inf	17.62	0.05781	2
1880MHz_RB 50,#RB L	Pass	-2.51	20.14	20.14	0.103	Inf	17.63	0.05794	2
1880MHz_RB 50,#RB M	Pass	-2.51	19.89	19.89	0.097	Inf	17.38	0.05470	2
1880MHz_RB 50,#RB H	Pass	-2.51	19.75	19.75	0.094	Inf	17.24	0.05297	2
1900MHz_RB 100,#RB O	Pass	-2.51	19.74	19.74	0.094	Inf	17.23	0.05284	2
1900MHz_RB 1,#RB L	Pass	-2.51	20.64	20.64	0.116	Inf	18.13	0.06501	2
1900MHz_RB 1,#RB M	Pass	-2.51	20.58	20.58	0.114	Inf	18.07	0.06412	2
1900MHz_RB 1,#RB H	Pass	-2.51	20.18	20.18	0.104	Inf	17.67	0.05848	2
1900MHz_RB 50,#RB L	Pass	-2.51	19.87	19.87	0.097	Inf	17.36	0.05445	2
1900MHz_RB 50,#RB M	Pass	-2.51	19.75	19.75	0.094	Inf	17.24	0.05297	2
1900MHz_RB 50,#RB H	Pass	-2.51	19.88	19.88	0.097	Inf	17.37	0.05458	2
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB O	Pass	-2.73	20.81	20.81	0.121	Inf	18.08	0.06427	1
1710.7MHz_RB 1,#RB L	Pass	-2.73	22.18	22.18	0.165	Inf	19.45	0.08810	1
1710.7MHz_RB 1,#RB M	Pass	-2.73	21.58	21.58	0.144	Inf	18.85	0.07674	1
1710.7MHz_RB 1,#RB H	Pass	-2.73	22.07	22.07	0.161	Inf	19.34	0.08590	1
1710.7MHz_RB 3,#RB L	Pass	-2.73	21.99	21.99	0.158	Inf	19.26	0.08433	1
1710.7MHz_RB 3,#RB M	Pass	-2.73	21.82	21.82	0.152	Inf	19.09	0.08110	1
1710.7MHz_RB 3,#RB H	Pass	-2.73	21.95	21.95	0.157	Inf	19.22	0.08356	1
1732.5MHz_RB 6,#RB O	Pass	-2.73	20.60	20.60	0.115	Inf	17.87	0.06124	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.89	21.89	0.155	Inf	19.16	0.08241	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.31	21.31	0.135	Inf	18.58	0.07211	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.75	21.75	0.150	Inf	19.02	0.07980	1
1732.5MHz_RB 3,#RB L	Pass	-2.73	21.70	21.70	0.148	Inf	18.97	0.07889	1
1732.5MHz_RB 3,#RB M	Pass	-2.73	21.64	21.64	0.146	Inf	18.91	0.07780	1
1732.5MHz_RB 3,#RB H	Pass	-2.73	21.59	21.59	0.144	Inf	18.86	0.07691	1
1754.3MHz_RB 6,#RB O	Pass	-2.73	20.73	20.73	0.118	Inf	18.00	0.06310	1
1754.3MHz_RB 1,#RB L	Pass	-2.73	21.97	21.97	0.157	Inf	19.24	0.08395	1
1754.3MHz_RB 1,#RB M	Pass	-2.73	21.46	21.46	0.140	Inf	18.73	0.07464	1
1754.3MHz_RB 1,#RB H	Pass	-2.73	21.85	21.85	0.153	Inf	19.12	0.08166	1
1754.3MHz_RB 3,#RB L	Pass	-2.73	21.85	21.85	0.153	Inf	19.12	0.08166	1
1754.3MHz_RB 3,#RB M	Pass	-2.73	21.73	21.73	0.149	Inf	19.00	0.07943	1
1754.3MHz_RB 3,#RB H	Pass	-2.73	21.75	21.75	0.150	Inf	19.02	0.07980	1
Band 4_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB O	Pass	-2.73	20.81	20.81	0.121	Inf	18.08	0.06427	1
1711.5MHz_RB 1,#RB L	Pass	-2.73	22.05	22.05	0.160	Inf	19.32	0.08551	1
1711.5MHz_RB 1,#RB M	Pass	-2.73	21.99	21.99	0.158	Inf	19.26	0.08433	1
1711.5MHz_RB 1,#RB H	Pass	-2.73	22.01	22.01	0.159	Inf	19.28	0.08472	1
1711.5MHz_RB 8,#RB L	Pass	-2.73	20.91	20.91	0.123	Inf	18.18	0.06577	1
1711.5MHz_RB 8,#RB M	Pass	-2.73	20.89	20.89	0.123	Inf	18.16	0.06546	1
1711.5MHz_RB 8,#RB H	Pass	-2.73	20.92	20.92	0.124	Inf	18.19	0.06592	1
1732.5MHz_RB 15,#RB O	Pass	-2.73	20.64	20.64	0.116	Inf	17.91	0.06180	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.88	21.88	0.154	Inf	19.15	0.08222	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.90	21.90	0.155	Inf	19.17	0.08260	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.45	21.45	0.140	Inf	18.72	0.07447	1
1732.5MHz_RB 8,#RB L	Pass	-2.73	20.67	20.67	0.117	Inf	17.94	0.06223	1
1732.5MHz_RB 8,#RB M	Pass	-2.73	20.67	20.67	0.117	Inf	17.94	0.06223	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1732.5MHz_RB 8,#RB H	Pass	-2.73	20.69	20.69	0.117	Inf	17.96	0.06252	1
1753.5MHz_RB 15,#RB 0	Pass	-2.73	20.74	20.74	0.119	Inf	18.01	0.06324	1
1753.5MHz_RB 1,#RB L	Pass	-2.73	21.83	21.83	0.152	Inf	19.10	0.08128	1
1753.5MHz_RB 1,#RB M	Pass	-2.73	21.80	21.80	0.151	Inf	19.07	0.08072	1
1753.5MHz_RB 1,#RB H	Pass	-2.73	21.64	21.64	0.146	Inf	18.91	0.07780	1
1753.5MHz_RB 8,#RB L	Pass	-2.73	20.75	20.75	0.119	Inf	18.02	0.06339	1
1753.5MHz_RB 8,#RB M	Pass	-2.73	20.71	20.71	0.118	Inf	17.98	0.06281	1
1753.5MHz_RB 8,#RB H	Pass	-2.73	20.75	20.75	0.119	Inf	18.02	0.06339	1
Band 4_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	-2.73	20.73	20.73	0.118	Inf	18.00	0.06310	1
1712.5MHz_RB 1,#RB L	Pass	-2.73	21.74	21.74	0.149	Inf	19.01	0.07962	1
1712.5MHz_RB 1,#RB M	Pass	-2.73	21.79	21.79	0.151	Inf	19.06	0.08054	1
1712.5MHz_RB 1,#RB H	Pass	-2.73	21.62	21.62	0.145	Inf	18.89	0.07745	1
1712.5MHz_RB 12,#RB L	Pass	-2.73	20.93	20.93	0.124	Inf	18.20	0.06607	1
1712.5MHz_RB 12,#RB M	Pass	-2.73	20.74	20.74	0.119	Inf	18.01	0.06324	1
1712.5MHz_RB 12,#RB H	Pass	-2.73	20.77	20.77	0.119	Inf	18.04	0.06368	1
1732.5MHz_RB 25,#RB 0	Pass	-2.73	20.53	20.53	0.113	Inf	17.80	0.06026	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.58	21.58	0.144	Inf	18.85	0.07674	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.48	21.48	0.141	Inf	18.75	0.07499	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.37	21.37	0.137	Inf	18.64	0.07311	1
1732.5MHz_RB 12,#RB L	Pass	-2.73	20.59	20.59	0.115	Inf	17.86	0.06109	1
1732.5MHz_RB 12,#RB M	Pass	-2.73	20.47	20.47	0.111	Inf	17.74	0.05943	1
1732.5MHz_RB 12,#RB H	Pass	-2.73	20.46	20.46	0.111	Inf	17.73	0.05929	1
1752.5MHz_RB 25,#RB 0	Pass	-2.73	20.59	20.59	0.115	Inf	17.86	0.06109	1
1752.5MHz_RB 1,#RB L	Pass	-2.73	21.60	21.60	0.145	Inf	18.87	0.07709	1
1752.5MHz_RB 1,#RB M	Pass	-2.73	21.68	21.68	0.147	Inf	18.95	0.07852	1
1752.5MHz_RB 1,#RB H	Pass	-2.73	21.53	21.53	0.142	Inf	18.80	0.07586	1
1752.5MHz_RB 12,#RB L	Pass	-2.73	20.59	20.59	0.115	Inf	17.86	0.06109	1
1752.5MHz_RB 12,#RB M	Pass	-2.73	20.62	20.62	0.115	Inf	17.89	0.06152	1
1752.5MHz_RB 12,#RB H	Pass	-2.73	20.56	20.56	0.114	Inf	17.83	0.06067	1
Band 4_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	-2.73	20.73	20.73	0.118	Inf	18.00	0.06310	1
1715MHz_RB 1,#RB L	Pass	-2.73	22.02	22.02	0.159	Inf	19.29	0.08492	1
1715MHz_RB 1,#RB M	Pass	-2.73	21.90	21.90	0.155	Inf	19.17	0.08260	1
1715MHz_RB 1,#RB H	Pass	-2.73	21.62	21.62	0.145	Inf	18.89	0.07745	1
1715MHz_RB 25,#RB L	Pass	-2.73	20.89	20.89	0.123	Inf	18.16	0.06546	1
1715MHz_RB 25,#RB M	Pass	-2.73	20.76	20.76	0.119	Inf	18.03	0.06353	1
1715MHz_RB 25,#RB H	Pass	-2.73	20.69	20.69	0.117	Inf	17.96	0.06252	1
1732.5MHz_RB 50,#RB 0	Pass	-2.73	20.56	20.56	0.114	Inf	17.83	0.06067	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.71	21.71	0.148	Inf	18.98	0.07907	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.66	21.66	0.147	Inf	18.93	0.07816	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.58	21.58	0.144	Inf	18.85	0.07674	1
1732.5MHz_RB 25,#RB L	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1732.5MHz_RB 25,#RB M	Pass	-2.73	20.56	20.56	0.114	Inf	17.83	0.06067	1
1732.5MHz_RB 25,#RB H	Pass	-2.73	20.51	20.51	0.112	Inf	17.78	0.05998	1
1750MHz_RB 50,#RB 0	Pass	-2.73	20.58	20.58	0.114	Inf	17.85	0.06095	1
1750MHz_RB 1,#RB L	Pass	-2.73	21.59	21.59	0.144	Inf	18.86	0.07691	1
1750MHz_RB 1,#RB M	Pass	-2.73	21.79	21.79	0.151	Inf	19.06	0.08054	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1750MHz_RB 1,#RB H	Pass	-2.73	21.60	21.60	0.145	Inf	18.87	0.07709	1
1750MHz_RB 25,#RB L	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1750MHz_RB 25,#RB M	Pass	-2.73	20.63	20.63	0.116	Inf	17.90	0.06166	1
1750MHz_RB 25,#RB H	Pass	-2.73	20.63	20.63	0.116	Inf	17.90	0.06166	1
Band 4_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	-2.73	20.84	20.84	0.121	Inf	18.11	0.06471	1
1717.5MHz_RB 1,#RB L	Pass	-2.73	21.66	21.66	0.147	Inf	18.93	0.07816	1
1717.5MHz_RB 1,#RB M	Pass	-2.73	21.67	21.67	0.147	Inf	18.94	0.07834	1
1717.5MHz_RB 1,#RB H	Pass	-2.73	21.30	21.30	0.135	Inf	18.57	0.07194	1
1717.5MHz_RB 36,#RB L	Pass	-2.73	20.95	20.95	0.124	Inf	18.22	0.06637	1
1717.5MHz_RB 36,#RB M	Pass	-2.73	20.74	20.74	0.119	Inf	18.01	0.06324	1
1717.5MHz_RB 36,#RB H	Pass	-2.73	20.76	20.76	0.119	Inf	18.03	0.06353	1
1732.5MHz_RB 75,#RB 0	Pass	-2.73	20.66	20.66	0.116	Inf	17.93	0.06209	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.56	21.56	0.143	Inf	18.83	0.07638	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.48	21.48	0.141	Inf	18.75	0.07499	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.27	21.27	0.134	Inf	18.54	0.07145	1
1732.5MHz_RB 36,#RB L	Pass	-2.73	20.76	20.76	0.119	Inf	18.03	0.06353	1
1732.5MHz_RB 36,#RB M	Pass	-2.73	20.56	20.56	0.114	Inf	17.83	0.06067	1
1732.5MHz_RB 36,#RB H	Pass	-2.73	20.66	20.66	0.116	Inf	17.93	0.06209	1
1747.5MHz_RB 75,#RB 0	Pass	-2.73	20.67	20.67	0.117	Inf	17.94	0.06223	1
1747.5MHz_RB 1,#RB L	Pass	-2.73	21.67	21.67	0.147	Inf	18.94	0.07834	1
1747.5MHz_RB 1,#RB M	Pass	-2.73	21.58	21.58	0.144	Inf	18.85	0.07674	1
1747.5MHz_RB 1,#RB H	Pass	-2.73	21.34	21.34	0.136	Inf	18.61	0.07261	1
1747.5MHz_RB 36,#RB L	Pass	-2.73	20.70	20.70	0.117	Inf	17.97	0.06266	1
1747.5MHz_RB 36,#RB M	Pass	-2.73	20.60	20.60	0.115	Inf	17.87	0.06124	1
1747.5MHz_RB 36,#RB H	Pass	-2.73	20.70	20.70	0.117	Inf	17.97	0.06266	1
Band 4_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	-2.73	20.71	20.71	0.118	Inf	17.98	0.06281	1
1720MHz_RB 1,#RB L	Pass	-2.73	21.70	21.70	0.148	Inf	18.97	0.07889	1
1720MHz_RB 1,#RB M	Pass	-2.73	21.65	21.65	0.146	Inf	18.92	0.07798	1
1720MHz_RB 1,#RB H	Pass	-2.73	20.92	20.92	0.124	Inf	18.19	0.06592	1
1720MHz_RB 50,#RB L	Pass	-2.73	20.88	20.88	0.122	Inf	18.15	0.06531	1
1720MHz_RB 50,#RB M	Pass	-2.73	20.73	20.73	0.118	Inf	18.00	0.06310	1
1720MHz_RB 50,#RB H	Pass	-2.73	20.58	20.58	0.114	Inf	17.85	0.06095	1
1732.5MHz_RB 100,#RB 0	Pass	-2.73	20.72	20.72	0.118	Inf	17.99	0.06295	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.53	21.53	0.142	Inf	18.80	0.07586	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.53	21.53	0.142	Inf	18.80	0.07586	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.08	21.08	0.128	Inf	18.35	0.06839	1
1732.5MHz_RB 50,#RB L	Pass	-2.73	20.80	20.80	0.120	Inf	18.07	0.06412	1
1732.5MHz_RB 50,#RB M	Pass	-2.73	20.58	20.58	0.114	Inf	17.85	0.06095	1
1732.5MHz_RB 50,#RB H	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1745MHz_RB 100,#RB 0	Pass	-2.73	20.69	20.69	0.117	Inf	17.96	0.06252	1
1745MHz_RB 1,#RB L	Pass	-2.73	21.26	21.26	0.134	Inf	18.53	0.07129	1
1745MHz_RB 1,#RB M	Pass	-2.73	21.58	21.58	0.144	Inf	18.85	0.07674	1
1745MHz_RB 1,#RB H	Pass	-2.73	21.03	21.03	0.127	Inf	18.30	0.06761	1
1745MHz_RB 50,#RB L	Pass	-2.73	20.71	20.71	0.118	Inf	17.98	0.06281	1
1745MHz_RB 50,#RB M	Pass	-2.73	20.64	20.64	0.116	Inf	17.91	0.06180	1
1745MHz_RB 50,#RB H	Pass	-2.73	20.58	20.58	0.114	Inf	17.85	0.06095	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	-2.73	19.89	19.89	0.097	Inf	17.16	0.05200	1
1710.7MHz_RB 1,#RB L	Pass	-2.73	21.17	21.17	0.131	Inf	18.44	0.06982	1
1710.7MHz_RB 1,#RB M	Pass	-2.73	20.81	20.81	0.121	Inf	18.08	0.06427	1
1710.7MHz_RB 1,#RB H	Pass	-2.73	21.23	21.23	0.133	Inf	18.50	0.07079	1
1710.7MHz_RB 3,#RB L	Pass	-2.73	20.94	20.94	0.124	Inf	18.21	0.06622	1
1710.7MHz_RB 3,#RB M	Pass	-2.73	20.74	20.74	0.119	Inf	18.01	0.06324	1
1710.7MHz_RB 3,#RB H	Pass	-2.73	20.88	20.88	0.122	Inf	18.15	0.06531	1
1732.5MHz_RB 6,#RB 0	Pass	-2.73	19.71	19.71	0.094	Inf	16.98	0.04989	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.08	21.08	0.128	Inf	18.35	0.06839	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.64	20.64	0.116	Inf	17.91	0.06180	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	21.01	21.01	0.126	Inf	18.28	0.06730	1
1732.5MHz_RB 3,#RB L	Pass	-2.73	20.60	20.60	0.115	Inf	17.87	0.06124	1
1732.5MHz_RB 3,#RB M	Pass	-2.73	20.48	20.48	0.112	Inf	17.75	0.05957	1
1732.5MHz_RB 3,#RB H	Pass	-2.73	20.64	20.64	0.116	Inf	17.91	0.06180	1
1754.3MHz_RB 6,#RB 0	Pass	-2.73	19.79	19.79	0.095	Inf	17.06	0.05082	1
1754.3MHz_RB 1,#RB L	Pass	-2.73	21.20	21.20	0.132	Inf	18.47	0.07031	1
1754.3MHz_RB 1,#RB M	Pass	-2.73	20.72	20.72	0.118	Inf	17.99	0.06295	1
1754.3MHz_RB 1,#RB H	Pass	-2.73	21.17	21.17	0.131	Inf	18.44	0.06982	1
1754.3MHz_RB 3,#RB L	Pass	-2.73	20.78	20.78	0.120	Inf	18.05	0.06383	1
1754.3MHz_RB 3,#RB M	Pass	-2.73	20.62	20.62	0.115	Inf	17.89	0.06152	1
1754.3MHz_RB 3,#RB H	Pass	-2.73	20.72	20.72	0.118	Inf	17.99	0.06295	1
Band 4_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	-2.73	19.93	19.93	0.098	Inf	17.20	0.05248	1
1711.5MHz_RB 1,#RB L	Pass	-2.73	21.31	21.31	0.135	Inf	18.58	0.07211	1
1711.5MHz_RB 1,#RB M	Pass	-2.73	21.24	21.24	0.133	Inf	18.51	0.07096	1
1711.5MHz_RB 1,#RB H	Pass	-2.73	21.03	21.03	0.127	Inf	18.30	0.06761	1
1711.5MHz_RB 8,#RB L	Pass	-2.73	19.96	19.96	0.099	Inf	17.23	0.05284	1
1711.5MHz_RB 8,#RB M	Pass	-2.73	19.92	19.92	0.098	Inf	17.19	0.05236	1
1711.5MHz_RB 8,#RB H	Pass	-2.73	19.92	19.92	0.098	Inf	17.19	0.05236	1
1732.5MHz_RB 15,#RB 0	Pass	-2.73	19.71	19.71	0.094	Inf	16.98	0.04989	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.13	21.13	0.130	Inf	18.40	0.06918	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	21.06	21.06	0.128	Inf	18.33	0.06808	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.86	20.86	0.122	Inf	18.13	0.06501	1
1732.5MHz_RB 8,#RB L	Pass	-2.73	19.77	19.77	0.095	Inf	17.04	0.05058	1
1732.5MHz_RB 8,#RB M	Pass	-2.73	19.76	19.76	0.095	Inf	17.03	0.05047	1
1732.5MHz_RB 8,#RB H	Pass	-2.73	19.59	19.59	0.091	Inf	16.86	0.04853	1
1753.5MHz_RB 15,#RB 0	Pass	-2.73	19.82	19.82	0.096	Inf	17.09	0.05117	1
1753.5MHz_RB 1,#RB L	Pass	-2.73	21.05	21.05	0.127	Inf	18.32	0.06792	1
1753.5MHz_RB 1,#RB M	Pass	-2.73	20.94	20.94	0.124	Inf	18.21	0.06622	1
1753.5MHz_RB 1,#RB H	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1753.5MHz_RB 8,#RB L	Pass	-2.73	19.85	19.85	0.097	Inf	17.12	0.05152	1
1753.5MHz_RB 8,#RB M	Pass	-2.73	19.79	19.79	0.095	Inf	17.06	0.05082	1
1753.5MHz_RB 8,#RB H	Pass	-2.73	19.80	19.80	0.095	Inf	17.07	0.05093	1
Band 4_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	-2.73	19.76	19.76	0.095	Inf	17.03	0.05047	1
1712.5MHz_RB 1,#RB L	Pass	-2.73	20.87	20.87	0.122	Inf	18.14	0.06516	1
1712.5MHz_RB 1,#RB M	Pass	-2.73	21.13	21.13	0.130	Inf	18.40	0.06918	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1712.5MHz_RB 1,#RB H	Pass	-2.73	20.78	20.78	0.120	Inf	18.05	0.06383	1
1712.5MHz_RB 12,#RB L	Pass	-2.73	19.77	19.77	0.095	Inf	17.04	0.05058	1
1712.5MHz_RB 12,#RB M	Pass	-2.73	19.79	19.79	0.095	Inf	17.06	0.05082	1
1712.5MHz_RB 12,#RB H	Pass	-2.73	19.74	19.74	0.094	Inf	17.01	0.05023	1
1732.5MHz_RB 25,#RB 0	Pass	-2.73	19.58	19.58	0.091	Inf	16.85	0.04842	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.71	20.71	0.118	Inf	17.98	0.06281	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.70	20.70	0.117	Inf	17.97	0.06266	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.60	20.60	0.115	Inf	17.87	0.06124	1
1732.5MHz_RB 12,#RB L	Pass	-2.73	19.59	19.59	0.091	Inf	16.86	0.04853	1
1732.5MHz_RB 12,#RB M	Pass	-2.73	19.55	19.55	0.090	Inf	16.82	0.04808	1
1732.5MHz_RB 12,#RB H	Pass	-2.73	19.52	19.52	0.090	Inf	16.79	0.04775	1
1752.5MHz_RB 25,#RB 0	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1752.5MHz_RB 1,#RB L	Pass	-2.73	20.69	20.69	0.117	Inf	17.96	0.06252	1
1752.5MHz_RB 1,#RB M	Pass	-2.73	20.78	20.78	0.120	Inf	18.05	0.06383	1
1752.5MHz_RB 1,#RB H	Pass	-2.73	20.74	20.74	0.119	Inf	18.01	0.06324	1
1752.5MHz_RB 12,#RB L	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1752.5MHz_RB 12,#RB M	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1
1752.5MHz_RB 12,#RB H	Pass	-2.73	19.58	19.58	0.091	Inf	16.85	0.04842	1
Band 4_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	-2.73	19.78	19.78	0.095	Inf	17.05	0.05070	1
1715MHz_RB 1,#RB L	Pass	-2.73	21.34	21.34	0.136	Inf	18.61	0.07261	1
1715MHz_RB 1,#RB M	Pass	-2.73	21.24	21.24	0.133	Inf	18.51	0.07096	1
1715MHz_RB 1,#RB H	Pass	-2.73	20.84	20.84	0.121	Inf	18.11	0.06471	1
1715MHz_RB 25,#RB L	Pass	-2.73	19.91	19.91	0.098	Inf	17.18	0.05224	1
1715MHz_RB 25,#RB M	Pass	-2.73	19.77	19.77	0.095	Inf	17.04	0.05058	1
1715MHz_RB 25,#RB H	Pass	-2.73	19.73	19.73	0.094	Inf	17.00	0.05012	1
1732.5MHz_RB 50,#RB 0	Pass	-2.73	19.60	19.60	0.091	Inf	16.87	0.04864	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.13	21.13	0.130	Inf	18.40	0.06918	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.89	20.89	0.123	Inf	18.16	0.06546	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.77	20.77	0.119	Inf	18.04	0.06368	1
1732.5MHz_RB 25,#RB L	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1732.5MHz_RB 25,#RB M	Pass	-2.73	19.59	19.59	0.091	Inf	16.86	0.04853	1
1732.5MHz_RB 25,#RB H	Pass	-2.73	19.50	19.50	0.089	Inf	16.77	0.04753	1
1750MHz_RB 50,#RB 0	Pass	-2.73	19.71	19.71	0.094	Inf	16.98	0.04989	1
1750MHz_RB 1,#RB L	Pass	-2.73	20.90	20.90	0.123	Inf	18.17	0.06561	1
1750MHz_RB 1,#RB M	Pass	-2.73	20.86	20.86	0.122	Inf	18.13	0.06501	1
1750MHz_RB 1,#RB H	Pass	-2.73	20.83	20.83	0.121	Inf	18.10	0.06457	1
1750MHz_RB 25,#RB L	Pass	-2.73	19.72	19.72	0.094	Inf	16.99	0.05000	1
1750MHz_RB 25,#RB M	Pass	-2.73	19.67	19.67	0.093	Inf	16.94	0.04943	1
1750MHz_RB 25,#RB H	Pass	-2.73	19.67	19.67	0.093	Inf	16.94	0.04943	1
Band 4_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	-2.73	19.76	19.76	0.095	Inf	17.03	0.05047	1
1717.5MHz_RB 1,#RB L	Pass	-2.73	20.88	20.88	0.122	Inf	18.15	0.06531	1
1717.5MHz_RB 1,#RB M	Pass	-2.73	20.85	20.85	0.122	Inf	18.12	0.06486	1
1717.5MHz_RB 1,#RB H	Pass	-2.73	20.33	20.33	0.108	Inf	17.60	0.05754	1
1717.5MHz_RB 36,#RB L	Pass	-2.73	19.96	19.96	0.099	Inf	17.23	0.05284	1
1717.5MHz_RB 36,#RB M	Pass	-2.73	19.71	19.71	0.094	Inf	16.98	0.04989	1
1717.5MHz_RB 36,#RB H	Pass	-2.73	19.70	19.70	0.093	Inf	16.97	0.04977	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1732.5MHz_RB 75,#RB 0	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.71	20.71	0.118	Inf	17.98	0.06281	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.70	20.70	0.117	Inf	17.97	0.06266	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.36	20.36	0.109	Inf	17.63	0.05794	1
1732.5MHz_RB 36,#RB L	Pass	-2.73	19.77	19.77	0.095	Inf	17.04	0.05058	1
1732.5MHz_RB 36,#RB M	Pass	-2.73	19.50	19.50	0.089	Inf	16.77	0.04753	1
1732.5MHz_RB 36,#RB H	Pass	-2.73	19.58	19.58	0.091	Inf	16.85	0.04842	1
1747.5MHz_RB 75,#RB 0	Pass	-2.73	19.69	19.69	0.093	Inf	16.96	0.04966	1
1747.5MHz_RB 1,#RB L	Pass	-2.73	20.74	20.74	0.119	Inf	18.01	0.06324	1
1747.5MHz_RB 1,#RB M	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1747.5MHz_RB 1,#RB H	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1747.5MHz_RB 36,#RB L	Pass	-2.73	19.75	19.75	0.094	Inf	17.02	0.05035	1
1747.5MHz_RB 36,#RB M	Pass	-2.73	19.61	19.61	0.091	Inf	16.88	0.04875	1
1747.5MHz_RB 36,#RB H	Pass	-2.73	19.61	19.61	0.091	Inf	16.88	0.04875	1
Band 4_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	-2.73	19.81	19.81	0.096	Inf	17.08	0.05105	1
1720MHz_RB 1,#RB L	Pass	-2.73	20.63	20.63	0.116	Inf	17.90	0.06166	1
1720MHz_RB 1,#RB M	Pass	-2.73	20.87	20.87	0.122	Inf	18.14	0.06516	1
1720MHz_RB 1,#RB H	Pass	-2.73	20.25	20.25	0.106	Inf	17.52	0.05649	1
1720MHz_RB 50,#RB L	Pass	-2.73	19.88	19.88	0.097	Inf	17.15	0.05188	1
1720MHz_RB 50,#RB M	Pass	-2.73	19.72	19.72	0.094	Inf	16.99	0.05000	1
1720MHz_RB 50,#RB H	Pass	-2.73	19.55	19.55	0.090	Inf	16.82	0.04808	1
1732.5MHz_RB 100,#RB 0	Pass	-2.73	19.62	19.62	0.092	Inf	16.89	0.04887	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.43	20.43	0.110	Inf	17.70	0.05888	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.76	20.76	0.119	Inf	18.03	0.06353	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.21	20.21	0.105	Inf	17.48	0.05598	1
1732.5MHz_RB 50,#RB L	Pass	-2.73	19.73	19.73	0.094	Inf	17.00	0.05012	1
1732.5MHz_RB 50,#RB M	Pass	-2.73	19.59	19.59	0.091	Inf	16.86	0.04853	1
1732.5MHz_RB 50,#RB H	Pass	-2.73	19.60	19.60	0.091	Inf	16.87	0.04864	1
1745MHz_RB 100,#RB 0	Pass	-2.73	19.68	19.68	0.093	Inf	16.95	0.04955	1
1745MHz_RB 1,#RB L	Pass	-2.73	20.53	20.53	0.113	Inf	17.80	0.06026	1
1745MHz_RB 1,#RB M	Pass	-2.73	20.81	20.81	0.121	Inf	18.08	0.06427	1
1745MHz_RB 1,#RB H	Pass	-2.73	20.11	20.11	0.103	Inf	17.38	0.05470	1
1745MHz_RB 50,#RB L	Pass	-2.73	19.74	19.74	0.094	Inf	17.01	0.05023	1
1745MHz_RB 50,#RB M	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1745MHz_RB 50,#RB H	Pass	-2.73	19.61	19.61	0.091	Inf	16.88	0.04875	1
Band 4_LTE_1.4MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1710.7MHz_RB 6,#RB 0	Pass	-2.73	19.88	19.88	0.097	Inf	17.15	0.05188	1
1710.7MHz_RB 1,#RB L	Pass	-2.73	21.21	21.21	0.132	Inf	18.48	0.07047	1
1710.7MHz_RB 1,#RB M	Pass	-2.73	20.77	20.77	0.119	Inf	18.04	0.06368	1
1710.7MHz_RB 1,#RB H	Pass	-2.73	21.26	21.26	0.134	Inf	18.53	0.07129	1
1710.7MHz_RB 3,#RB L	Pass	-2.73	20.95	20.95	0.124	Inf	18.22	0.06637	1
1710.7MHz_RB 3,#RB M	Pass	-2.73	20.72	20.72	0.118	Inf	17.99	0.06295	1
1710.7MHz_RB 3,#RB H	Pass	-2.73	20.99	20.99	0.126	Inf	18.26	0.06699	1
1732.5MHz_RB 6,#RB 0	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	21.02	21.02	0.126	Inf	18.29	0.06745	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.52	20.52	0.113	Inf	17.79	0.06012	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.96	20.96	0.125	Inf	18.23	0.06653	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1732.5MHz_RB 3,#RB L	Pass	-2.73	20.72	20.72	0.118	Inf	17.99	0.06295	1
1732.5MHz_RB 3,#RB M	Pass	-2.73	20.48	20.48	0.112	Inf	17.75	0.05957	1
1732.5MHz_RB 3,#RB H	Pass	-2.73	20.67	20.67	0.117	Inf	17.94	0.06223	1
1754.3MHz_RB 6,#RB 0	Pass	-2.73	19.80	19.80	0.095	Inf	17.07	0.05093	1
1754.3MHz_RB 1,#RB L	Pass	-2.73	21.04	21.04	0.127	Inf	18.31	0.06776	1
1754.3MHz_RB 1,#RB M	Pass	-2.73	20.57	20.57	0.114	Inf	17.84	0.06081	1
1754.3MHz_RB 1,#RB H	Pass	-2.73	21.01	21.01	0.126	Inf	18.28	0.06730	1
1754.3MHz_RB 3,#RB L	Pass	-2.73	20.70	20.70	0.117	Inf	17.97	0.06266	1
1754.3MHz_RB 3,#RB M	Pass	-2.73	20.63	20.63	0.116	Inf	17.90	0.06166	1
1754.3MHz_RB 3,#RB H	Pass	-2.73	20.67	20.67	0.117	Inf	17.94	0.06223	1
Band 4_LTE_3MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	-2.73	19.86	19.86	0.097	Inf	17.13	0.05164	1
1711.5MHz_RB 1,#RB L	Pass	-2.73	21.03	21.03	0.127	Inf	18.30	0.06761	1
1711.5MHz_RB 1,#RB M	Pass	-2.73	21.00	21.00	0.126	Inf	18.27	0.06714	1
1711.5MHz_RB 1,#RB H	Pass	-2.73	21.06	21.06	0.128	Inf	18.33	0.06808	1
1711.5MHz_RB 8,#RB L	Pass	-2.73	20.01	20.01	0.100	Inf	17.28	0.05346	1
1711.5MHz_RB 8,#RB M	Pass	-2.73	19.94	19.94	0.099	Inf	17.21	0.05260	1
1711.5MHz_RB 8,#RB H	Pass	-2.73	20.00	20.00	0.100	Inf	17.27	0.05333	1
1732.5MHz_RB 15,#RB 0	Pass	-2.73	19.69	19.69	0.093	Inf	16.96	0.04966	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.86	20.86	0.122	Inf	18.13	0.06501	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.89	20.89	0.123	Inf	18.16	0.06546	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.97	20.97	0.125	Inf	18.24	0.06668	1
1732.5MHz_RB 8,#RB L	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1
1732.5MHz_RB 8,#RB M	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1
1732.5MHz_RB 8,#RB H	Pass	-2.73	19.74	19.74	0.094	Inf	17.01	0.05023	1
1753.5MHz_RB 15,#RB 0	Pass	-2.73	19.77	19.77	0.095	Inf	17.04	0.05058	1
1753.5MHz_RB 1,#RB L	Pass	-2.73	20.97	20.97	0.125	Inf	18.24	0.06668	1
1753.5MHz_RB 1,#RB M	Pass	-2.73	20.94	20.94	0.124	Inf	18.21	0.06622	1
1753.5MHz_RB 1,#RB H	Pass	-2.73	20.93	20.93	0.124	Inf	18.20	0.06607	1
1753.5MHz_RB 8,#RB L	Pass	-2.73	19.81	19.81	0.096	Inf	17.08	0.05105	1
1753.5MHz_RB 8,#RB M	Pass	-2.73	19.89	19.89	0.097	Inf	17.16	0.05200	1
1753.5MHz_RB 8,#RB H	Pass	-2.73	19.79	19.79	0.095	Inf	17.06	0.05082	1
Band 4_LTE_5MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1712.5MHz_RB 25,#RB 0	Pass	-2.73	19.82	19.82	0.096	Inf	17.09	0.05117	1
1712.5MHz_RB 1,#RB L	Pass	-2.73	20.84	20.84	0.121	Inf	18.11	0.06471	1
1712.5MHz_RB 1,#RB M	Pass	-2.73	20.91	20.91	0.123	Inf	18.18	0.06577	1
1712.5MHz_RB 1,#RB H	Pass	-2.73	20.69	20.69	0.117	Inf	17.96	0.06252	1
1712.5MHz_RB 12,#RB L	Pass	-2.73	19.79	19.79	0.095	Inf	17.06	0.05082	1
1712.5MHz_RB 12,#RB M	Pass	-2.73	19.75	19.75	0.094	Inf	17.02	0.05035	1
1712.5MHz_RB 12,#RB H	Pass	-2.73	19.75	19.75	0.094	Inf	17.02	0.05035	1
1732.5MHz_RB 25,#RB 0	Pass	-2.73	19.54	19.54	0.090	Inf	16.81	0.04797	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.50	20.50	0.112	Inf	17.77	0.05984	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.69	20.69	0.117	Inf	17.96	0.06252	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.42	20.42	0.110	Inf	17.69	0.05875	1
1732.5MHz_RB 12,#RB L	Pass	-2.73	19.55	19.55	0.090	Inf	16.82	0.04808	1
1732.5MHz_RB 12,#RB M	Pass	-2.73	19.51	19.51	0.089	Inf	16.78	0.04764	1
1732.5MHz_RB 12,#RB H	Pass	-2.73	19.52	19.52	0.090	Inf	16.79	0.04775	1
1752.5MHz_RB 25,#RB 0	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1752.5MHz_RB 1,#RB L	Pass	-2.73	20.63	20.63	0.116	Inf	17.90	0.06166	1
1752.5MHz_RB 1,#RB M	Pass	-2.73	20.84	20.84	0.121	Inf	18.11	0.06471	1
1752.5MHz_RB 1,#RB H	Pass	-2.73	20.44	20.44	0.111	Inf	17.71	0.05902	1
1752.5MHz_RB 12,#RB L	Pass	-2.73	19.59	19.59	0.091	Inf	16.86	0.04853	1
1752.5MHz_RB 12,#RB M	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1
1752.5MHz_RB 12,#RB H	Pass	-2.73	19.67	19.67	0.093	Inf	16.94	0.04943	1
Band 4_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	-2.73	19.72	19.72	0.094	Inf	16.99	0.05000	1
1715MHz_RB 1,#RB L	Pass	-2.73	20.85	20.85	0.122	Inf	18.12	0.06486	1
1715MHz_RB 1,#RB M	Pass	-2.73	20.79	20.79	0.120	Inf	18.06	0.06397	1
1715MHz_RB 1,#RB H	Pass	-2.73	20.65	20.65	0.116	Inf	17.92	0.06194	1
1715MHz_RB 25,#RB L	Pass	-2.73	19.90	19.90	0.098	Inf	17.17	0.05212	1
1715MHz_RB 25,#RB M	Pass	-2.73	19.71	19.71	0.094	Inf	16.98	0.04989	1
1715MHz_RB 25,#RB H	Pass	-2.73	19.63	19.63	0.092	Inf	16.90	0.04898	1
1732.5MHz_RB 50,#RB 0	Pass	-2.73	19.53	19.53	0.090	Inf	16.80	0.04786	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.77	20.77	0.119	Inf	18.04	0.06368	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.58	20.58	0.114	Inf	17.85	0.06095	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.59	20.59	0.115	Inf	17.86	0.06109	1
1732.5MHz_RB 25,#RB L	Pass	-2.73	19.67	19.67	0.093	Inf	16.94	0.04943	1
1732.5MHz_RB 25,#RB M	Pass	-2.73	19.51	19.51	0.089	Inf	16.78	0.04764	1
1732.5MHz_RB 25,#RB H	Pass	-2.73	19.50	19.50	0.089	Inf	16.77	0.04753	1
1750MHz_RB 50,#RB 0	Pass	-2.73	19.61	19.61	0.091	Inf	16.88	0.04875	1
1750MHz_RB 1,#RB L	Pass	-2.73	20.83	20.83	0.121	Inf	18.10	0.06457	1
1750MHz_RB 1,#RB M	Pass	-2.73	20.68	20.68	0.117	Inf	17.95	0.06237	1
1750MHz_RB 1,#RB H	Pass	-2.73	20.50	20.50	0.112	Inf	17.77	0.05984	1
1750MHz_RB 25,#RB L	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1750MHz_RB 25,#RB M	Pass	-2.73	19.61	19.61	0.091	Inf	16.88	0.04875	1
1750MHz_RB 25,#RB H	Pass	-2.73	19.66	19.66	0.092	Inf	16.93	0.04932	1
Band 4_LTE_15MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	-2.73	19.73	19.73	0.094	Inf	17.00	0.05012	1
1717.5MHz_RB 1,#RB L	Pass	-2.73	20.81	20.81	0.121	Inf	18.08	0.06427	1
1717.5MHz_RB 1,#RB M	Pass	-2.73	20.67	20.67	0.117	Inf	17.94	0.06223	1
1717.5MHz_RB 1,#RB H	Pass	-2.73	20.28	20.28	0.107	Inf	17.55	0.05689	1
1717.5MHz_RB 36,#RB L	Pass	-2.73	19.90	19.90	0.098	Inf	17.17	0.05212	1
1717.5MHz_RB 36,#RB M	Pass	-2.73	19.63	19.63	0.092	Inf	16.90	0.04898	1
1717.5MHz_RB 36,#RB H	Pass	-2.73	19.69	19.69	0.093	Inf	16.96	0.04966	1
1732.5MHz_RB 75,#RB 0	Pass	-2.73	19.60	19.60	0.091	Inf	16.87	0.04864	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.63	20.63	0.116	Inf	17.90	0.06166	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.45	20.45	0.111	Inf	17.72	0.05916	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	20.44	20.44	0.111	Inf	17.71	0.05902	1
1732.5MHz_RB 36,#RB L	Pass	-2.73	19.73	19.73	0.094	Inf	17.00	0.05012	1
1732.5MHz_RB 36,#RB M	Pass	-2.73	19.51	19.51	0.089	Inf	16.78	0.04764	1
1732.5MHz_RB 36,#RB H	Pass	-2.73	19.58	19.58	0.091	Inf	16.85	0.04842	1
1747.5MHz_RB 75,#RB 0	Pass	-2.73	19.65	19.65	0.092	Inf	16.92	0.04920	1
1747.5MHz_RB 1,#RB L	Pass	-2.73	20.49	20.49	0.112	Inf	17.76	0.05970	1
1747.5MHz_RB 1,#RB M	Pass	-2.73	20.61	20.61	0.115	Inf	17.88	0.06138	1
1747.5MHz_RB 1,#RB H	Pass	-2.73	20.31	20.31	0.107	Inf	17.58	0.05728	1
1747.5MHz_RB 36,#RB L	Pass	-2.73	19.68	19.68	0.093	Inf	16.95	0.04955	1



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
1747.5MHz_RB 36,#RB M	Pass	-2.73	19.57	19.57	0.091	Inf	16.84	0.04831	1
1747.5MHz_RB 36,#RB H	Pass	-2.73	19.58	19.58	0.091	Inf	16.85	0.04842	1
Band 4_LTE_20MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	-2.73	19.69	19.69	0.093	Inf	16.96	0.04966	1
1720MHz_RB 1,#RB L	Pass	-2.73	20.46	20.46	0.111	Inf	17.73	0.05929	1
1720MHz_RB 1,#RB M	Pass	-2.73	20.61	20.61	0.115	Inf	17.88	0.06138	1
1720MHz_RB 1,#RB H	Pass	-2.73	20.08	20.08	0.102	Inf	17.35	0.05433	1
1720MHz_RB 50,#RB L	Pass	-2.73	19.85	19.85	0.097	Inf	17.12	0.05152	1
1720MHz_RB 50,#RB M	Pass	-2.73	19.68	19.68	0.093	Inf	16.95	0.04955	1
1720MHz_RB 50,#RB H	Pass	-2.73	19.47	19.47	0.089	Inf	16.74	0.04721	1
1732.5MHz_RB 100,#RB 0	Pass	-2.73	19.56	19.56	0.090	Inf	16.83	0.04819	1
1732.5MHz_RB 1,#RB L	Pass	-2.73	20.33	20.33	0.108	Inf	17.60	0.05754	1
1732.5MHz_RB 1,#RB M	Pass	-2.73	20.47	20.47	0.111	Inf	17.74	0.05943	1
1732.5MHz_RB 1,#RB H	Pass	-2.73	19.89	19.89	0.097	Inf	17.16	0.05200	1
1732.5MHz_RB 50,#RB L	Pass	-2.73	19.64	19.64	0.092	Inf	16.91	0.04909	1
1732.5MHz_RB 50,#RB M	Pass	-2.73	19.53	19.53	0.090	Inf	16.80	0.04786	1
1732.5MHz_RB 50,#RB H	Pass	-2.73	19.60	19.60	0.091	Inf	16.87	0.04864	1
1745MHz_RB 100,#RB 0	Pass	-2.73	19.62	19.62	0.092	Inf	16.89	0.04887	1
1745MHz_RB 1,#RB L	Pass	-2.73	20.33	20.33	0.108	Inf	17.60	0.05754	1
1745MHz_RB 1,#RB M	Pass	-2.73	20.61	20.61	0.115	Inf	17.88	0.06138	1
1745MHz_RB 1,#RB H	Pass	-2.73	20.00	20.00	0.100	Inf	17.27	0.05333	1
1745MHz_RB 50,#RB L	Pass	-2.73	19.76	19.76	0.095	Inf	17.03	0.05047	1
1745MHz_RB 50,#RB M	Pass	-2.73	19.57	19.57	0.091	Inf	16.84	0.04831	1
1745MHz_RB 50,#RB H	Pass	-2.73	19.61	19.61	0.091	Inf	16.88	0.04875	1
Band 5_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	1.46	21.13	21.13	0.130	Inf	20.44	0.11066	7
824.7MHz_RB 1,#RB L	Pass	1.46	22.28	22.28	0.169	Inf	21.59	0.14421	7
824.7MHz_RB 1,#RB M	Pass	1.46	21.91	21.91	0.155	Inf	21.22	0.13243	7
824.7MHz_RB 1,#RB H	Pass	1.46	22.38	22.38	0.173	Inf	21.69	0.14757	7
824.7MHz_RB 3,#RB L	Pass	1.46	22.24	22.24	0.167	Inf	21.55	0.14289	7
824.7MHz_RB 3,#RB M	Pass	1.46	22.01	22.01	0.159	Inf	21.32	0.13552	7
824.7MHz_RB 3,#RB H	Pass	1.46	22.23	22.23	0.167	Inf	21.54	0.14256	7
836.5MHz_RB 6,#RB 0	Pass	1.46	21.20	21.20	0.132	Inf	20.51	0.11246	7
836.5MHz_RB 1,#RB L	Pass	1.46	22.41	22.41	0.174	Inf	21.72	0.14859	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.93	21.93	0.156	Inf	21.24	0.13305	7
836.5MHz_RB 1,#RB H	Pass	1.46	22.49	22.49	0.177	Inf	21.80	0.15136	7
836.5MHz_RB 3,#RB L	Pass	1.46	22.24	22.24	0.167	Inf	21.55	0.14289	7
836.5MHz_RB 3,#RB M	Pass	1.46	22.00	22.00	0.158	Inf	21.31	0.13521	7
836.5MHz_RB 3,#RB H	Pass	1.46	22.18	22.18	0.165	Inf	21.49	0.14093	7
848.3MHz_RB 6,#RB 0	Pass	1.46	20.99	20.99	0.126	Inf	20.30	0.10715	7
848.3MHz_RB 1,#RB L	Pass	1.46	22.26	22.26	0.168	Inf	21.57	0.14355	7
848.3MHz_RB 1,#RB M	Pass	1.46	21.68	21.68	0.147	Inf	20.99	0.12560	7
848.3MHz_RB 1,#RB H	Pass	1.46	22.14	22.14	0.164	Inf	21.45	0.13964	7
848.3MHz_RB 3,#RB L	Pass	1.46	22.10	22.10	0.162	Inf	21.41	0.13836	7
848.3MHz_RB 3,#RB M	Pass	1.46	21.97	21.97	0.157	Inf	21.28	0.13428	7
848.3MHz_RB 3,#RB H	Pass	1.46	22.02	22.02	0.159	Inf	21.33	0.13583	7
Band 5_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	1.46	21.15	21.15	0.130	Inf	20.46	0.11117	7



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
825.5MHz_RB 1,#RB L	Pass	1.46	22.36	22.36	0.172	Inf	21.67	0.14689	7
825.5MHz_RB 1,#RB M	Pass	1.46	22.44	22.44	0.175	Inf	21.75	0.14962	7
825.5MHz_RB 1,#RB H	Pass	1.46	22.05	22.05	0.160	Inf	21.36	0.13677	7
825.5MHz_RB 8,#RB L	Pass	1.46	21.24	21.24	0.133	Inf	20.55	0.11350	7
825.5MHz_RB 8,#RB M	Pass	1.46	21.22	21.22	0.132	Inf	20.53	0.11298	7
825.5MHz_RB 8,#RB H	Pass	1.46	21.18	21.18	0.131	Inf	20.49	0.11194	7
836.5MHz_RB 15,#RB 0	Pass	1.46	21.30	21.30	0.135	Inf	20.61	0.11508	7
836.5MHz_RB 1,#RB L	Pass	1.46	22.12	22.12	0.163	Inf	21.43	0.13900	7
836.5MHz_RB 1,#RB M	Pass	1.46	22.38	22.38	0.173	Inf	21.69	0.14757	7
836.5MHz_RB 1,#RB H	Pass	1.46	22.22	22.22	0.167	Inf	21.53	0.14223	7
836.5MHz_RB 8,#RB L	Pass	1.46	21.27	21.27	0.134	Inf	20.58	0.11429	7
836.5MHz_RB 8,#RB M	Pass	1.46	21.21	21.21	0.132	Inf	20.52	0.11272	7
836.5MHz_RB 8,#RB H	Pass	1.46	21.32	21.32	0.136	Inf	20.63	0.11561	7
847.5MHz_RB 15,#RB 0	Pass	1.46	21.10	21.10	0.129	Inf	20.41	0.10990	7
847.5MHz_RB 1,#RB L	Pass	1.46	22.04	22.04	0.160	Inf	21.35	0.13646	7
847.5MHz_RB 1,#RB M	Pass	1.46	22.37	22.37	0.173	Inf	21.68	0.14723	7
847.5MHz_RB 1,#RB H	Pass	1.46	22.37	22.37	0.173	Inf	21.68	0.14723	7
847.5MHz_RB 8,#RB L	Pass	1.46	21.21	21.21	0.132	Inf	20.52	0.11272	7
847.5MHz_RB 8,#RB M	Pass	1.46	21.04	21.04	0.127	Inf	20.35	0.10839	7
847.5MHz_RB 8,#RB H	Pass	1.46	21.22	21.22	0.132	Inf	20.53	0.11298	7
Band 5_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	1.46	21.09	21.09	0.129	Inf	20.40	0.10965	7
826.5MHz_RB 1,#RB L	Pass	1.46	21.89	21.89	0.155	Inf	21.20	0.13183	7
826.5MHz_RB 1,#RB M	Pass	1.46	21.99	21.99	0.158	Inf	21.30	0.13490	7
826.5MHz_RB 1,#RB H	Pass	1.46	21.88	21.88	0.154	Inf	21.19	0.13152	7
826.5MHz_RB 12,#RB L	Pass	1.46	21.07	21.07	0.128	Inf	20.38	0.10914	7
826.5MHz_RB 12,#RB M	Pass	1.46	21.07	21.07	0.128	Inf	20.38	0.10914	7
826.5MHz_RB 12,#RB H	Pass	1.46	21.04	21.04	0.127	Inf	20.35	0.10839	7
836.5MHz_RB 25,#RB 0	Pass	1.46	21.09	21.09	0.129	Inf	20.40	0.10965	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.88	21.88	0.154	Inf	21.19	0.13152	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.98	21.98	0.158	Inf	21.29	0.13459	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.88	21.88	0.154	Inf	21.19	0.13152	7
836.5MHz_RB 12,#RB L	Pass	1.46	21.12	21.12	0.129	Inf	20.43	0.11041	7
836.5MHz_RB 12,#RB M	Pass	1.46	21.05	21.05	0.127	Inf	20.36	0.10864	7
836.5MHz_RB 12,#RB H	Pass	1.46	21.10	21.10	0.129	Inf	20.41	0.10990	7
846.5MHz_RB 25,#RB 0	Pass	1.46	20.98	20.98	0.125	Inf	20.29	0.10691	7
846.5MHz_RB 1,#RB L	Pass	1.46	22.03	22.03	0.160	Inf	21.34	0.13614	7
846.5MHz_RB 1,#RB M	Pass	1.46	22.01	22.01	0.159	Inf	21.32	0.13552	7
846.5MHz_RB 1,#RB H	Pass	1.46	21.82	21.82	0.152	Inf	21.13	0.12972	7
846.5MHz_RB 12,#RB L	Pass	1.46	21.08	21.08	0.128	Inf	20.39	0.10940	7
846.5MHz_RB 12,#RB M	Pass	1.46	20.99	20.99	0.126	Inf	20.30	0.10715	7
846.5MHz_RB 12,#RB H	Pass	1.46	21.00	21.00	0.126	Inf	20.31	0.10740	7
Band 5_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	1.46	21.10	21.10	0.129	Inf	20.41	0.10990	7
829MHz_RB 1,#RB L	Pass	1.46	22.16	22.16	0.164	Inf	21.47	0.14028	7
829MHz_RB 1,#RB M	Pass	1.46	22.13	22.13	0.163	Inf	21.44	0.13932	7
829MHz_RB 1,#RB H	Pass	1.46	22.02	22.02	0.159	Inf	21.33	0.13583	7
829MHz_RB 25,#RB L	Pass	1.46	21.13	21.13	0.130	Inf	20.44	0.11066	7



Average Power

Appendix A.3

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
829MHz_RB 25,#RB M	Pass	1.46	21.14	21.14	0.130	Inf	20.45	0.11092	7
829MHz_RB 25,#RB H	Pass	1.46	21.01	21.01	0.126	Inf	20.32	0.10765	7
836.5MHz_RB 50,#RB 0	Pass	1.46	21.19	21.19	0.132	Inf	20.50	0.11220	7
836.5MHz_RB 1,#RB L	Pass	1.46	22.24	22.24	0.167	Inf	21.55	0.14289	7
836.5MHz_RB 1,#RB M	Pass	1.46	22.24	22.24	0.167	Inf	21.55	0.14289	7
836.5MHz_RB 1,#RB H	Pass	1.46	22.21	22.21	0.166	Inf	21.52	0.14191	7
836.5MHz_RB 25,#RB L	Pass	1.46	21.16	21.16	0.131	Inf	20.47	0.11143	7
836.5MHz_RB 25,#RB M	Pass	1.46	21.14	21.14	0.130	Inf	20.45	0.11092	7
836.5MHz_RB 25,#RB H	Pass	1.46	21.19	21.19	0.132	Inf	20.50	0.11220	7
844MHz_RB 50,#RB 0	Pass	1.46	21.13	21.13	0.130	Inf	20.44	0.11066	7
844MHz_RB 1,#RB L	Pass	1.46	22.04	22.04	0.160	Inf	21.35	0.13646	7
844MHz_RB 1,#RB M	Pass	1.46	22.10	22.10	0.162	Inf	21.41	0.13836	7
844MHz_RB 1,#RB H	Pass	1.46	22.16	22.16	0.164	Inf	21.47	0.14028	7
844MHz_RB 25,#RB L	Pass	1.46	21.23	21.23	0.133	Inf	20.54	0.11324	7
844MHz_RB 25,#RB M	Pass	1.46	21.11	21.11	0.129	Inf	20.42	0.11015	7
844MHz_RB 25,#RB H	Pass	1.46	21.00	21.00	0.126	Inf	20.31	0.10740	7
Band 5_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	1.46	20.23	20.23	0.105	Inf	19.54	0.08995	7
824.7MHz_RB 1,#RB L	Pass	1.46	21.67	21.67	0.147	Inf	20.98	0.12531	7
824.7MHz_RB 1,#RB M	Pass	1.46	21.24	21.24	0.133	Inf	20.55	0.11350	7
824.7MHz_RB 1,#RB H	Pass	1.46	21.76	21.76	0.150	Inf	21.07	0.12794	7
824.7MHz_RB 3,#RB L	Pass	1.46	21.24	21.24	0.133	Inf	20.55	0.11350	7
824.7MHz_RB 3,#RB M	Pass	1.46	21.05	21.05	0.127	Inf	20.36	0.10864	7
824.7MHz_RB 3,#RB H	Pass	1.46	21.10	21.10	0.129	Inf	20.41	0.10990	7
836.5MHz_RB 6,#RB 0	Pass	1.46	20.28	20.28	0.107	Inf	19.59	0.09099	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.71	21.71	0.148	Inf	21.02	0.12647	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.16	21.16	0.131	Inf	20.47	0.11143	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.76	21.76	0.150	Inf	21.07	0.12794	7
836.5MHz_RB 3,#RB L	Pass	1.46	21.25	21.25	0.133	Inf	20.56	0.11376	7
836.5MHz_RB 3,#RB M	Pass	1.46	21.12	21.12	0.129	Inf	20.43	0.11041	7
836.5MHz_RB 3,#RB H	Pass	1.46	21.17	21.17	0.131	Inf	20.48	0.11169	7
848.3MHz_RB 6,#RB 0	Pass	1.46	20.19	20.19	0.104	Inf	19.50	0.08913	7
848.3MHz_RB 1,#RB L	Pass	1.46	21.36	21.36	0.137	Inf	20.67	0.11668	7
848.3MHz_RB 1,#RB M	Pass	1.46	21.11	21.11	0.129	Inf	20.42	0.11015	7
848.3MHz_RB 1,#RB H	Pass	1.46	21.40	21.40	0.138	Inf	20.71	0.11776	7
848.3MHz_RB 3,#RB L	Pass	1.46	21.07	21.07	0.128	Inf	20.38	0.10914	7
848.3MHz_RB 3,#RB M	Pass	1.46	20.97	20.97	0.125	Inf	20.28	0.10666	7
848.3MHz_RB 3,#RB H	Pass	1.46	21.07	21.07	0.128	Inf	20.38	0.10914	7
Band 5_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	1.46	20.27	20.27	0.106	Inf	19.58	0.09078	7
825.5MHz_RB 1,#RB L	Pass	1.46	21.40	21.40	0.138	Inf	20.71	0.11776	7
825.5MHz_RB 1,#RB M	Pass	1.46	21.56	21.56	0.143	Inf	20.87	0.12218	7
825.5MHz_RB 1,#RB H	Pass	1.46	21.33	21.33	0.136	Inf	20.64	0.11588	7
825.5MHz_RB 8,#RB L	Pass	1.46	20.19	20.19	0.104	Inf	19.50	0.08913	7
825.5MHz_RB 8,#RB M	Pass	1.46	20.21	20.21	0.105	Inf	19.52	0.08954	7
825.5MHz_RB 8,#RB H	Pass	1.46	20.30	20.30	0.107	Inf	19.61	0.09141	7
836.5MHz_RB 15,#RB 0	Pass	1.46	20.33	20.33	0.108	Inf	19.64	0.09204	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.53	21.53	0.142	Inf	20.84	0.12134	7



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
836.5MHz_RB 1,#RB M	Pass	1.46	21.66	21.66	0.147	Inf	20.97	0.12503	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.55	21.55	0.143	Inf	20.86	0.12190	7
836.5MHz_RB 8,#RB L	Pass	1.46	20.35	20.35	0.108	Inf	19.66	0.09247	7
836.5MHz_RB 8,#RB M	Pass	1.46	20.27	20.27	0.106	Inf	19.58	0.09078	7
836.5MHz_RB 8,#RB H	Pass	1.46	20.31	20.31	0.107	Inf	19.62	0.09162	7
847.5MHz_RB 15,#RB 0	Pass	1.46	20.11	20.11	0.103	Inf	19.42	0.08750	7
847.5MHz_RB 1,#RB L	Pass	1.46	21.44	21.44	0.139	Inf	20.75	0.11885	7
847.5MHz_RB 1,#RB M	Pass	1.46	21.53	21.53	0.142	Inf	20.84	0.12134	7
847.5MHz_RB 1,#RB H	Pass	1.46	21.17	21.17	0.131	Inf	20.48	0.11169	7
847.5MHz_RB 8,#RB L	Pass	1.46	20.23	20.23	0.105	Inf	19.54	0.08995	7
847.5MHz_RB 8,#RB M	Pass	1.46	20.18	20.18	0.104	Inf	19.49	0.08892	7
847.5MHz_RB 8,#RB H	Pass	1.46	20.12	20.12	0.103	Inf	19.43	0.08770	7
Band 5_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	1.46	20.05	20.05	0.101	Inf	19.36	0.08630	7
826.5MHz_RB 1,#RB L	Pass	1.46	21.25	21.25	0.133	Inf	20.56	0.11376	7
826.5MHz_RB 1,#RB M	Pass	1.46	21.22	21.22	0.132	Inf	20.53	0.11298	7
826.5MHz_RB 1,#RB H	Pass	1.46	21.12	21.12	0.129	Inf	20.43	0.11041	7
826.5MHz_RB 12,#RB L	Pass	1.46	20.19	20.19	0.104	Inf	19.50	0.08913	7
826.5MHz_RB 12,#RB M	Pass	1.46	20.06	20.06	0.101	Inf	19.37	0.08650	7
826.5MHz_RB 12,#RB H	Pass	1.46	20.07	20.07	0.102	Inf	19.38	0.08670	7
836.5MHz_RB 25,#RB 0	Pass	1.46	20.12	20.12	0.103	Inf	19.43	0.08770	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.14	21.14	0.130	Inf	20.45	0.11092	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.31	21.31	0.135	Inf	20.62	0.11535	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.17	21.17	0.131	Inf	20.48	0.11169	7
836.5MHz_RB 12,#RB L	Pass	1.46	20.12	20.12	0.103	Inf	19.43	0.08770	7
836.5MHz_RB 12,#RB M	Pass	1.46	20.08	20.08	0.102	Inf	19.39	0.08690	7
836.5MHz_RB 12,#RB H	Pass	1.46	20.11	20.11	0.103	Inf	19.42	0.08750	7
846.5MHz_RB 25,#RB 0	Pass	1.46	20.02	20.02	0.100	Inf	19.33	0.08570	7
846.5MHz_RB 1,#RB L	Pass	1.46	21.23	21.23	0.133	Inf	20.54	0.11324	7
846.5MHz_RB 1,#RB M	Pass	1.46	21.27	21.27	0.134	Inf	20.58	0.11429	7
846.5MHz_RB 1,#RB H	Pass	1.46	21.03	21.03	0.127	Inf	20.34	0.10814	7
846.5MHz_RB 12,#RB L	Pass	1.46	20.07	20.07	0.102	Inf	19.38	0.08670	7
846.5MHz_RB 12,#RB M	Pass	1.46	19.98	19.98	0.100	Inf	19.29	0.08492	7
846.5MHz_RB 12,#RB H	Pass	1.46	19.96	19.96	0.099	Inf	19.27	0.08453	7
Band 5_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	1.46	20.08	20.08	0.102	Inf	19.39	0.08690	7
829MHz_RB 1,#RB L	Pass	1.46	21.59	21.59	0.144	Inf	20.90	0.12303	7
829MHz_RB 1,#RB M	Pass	1.46	21.26	21.26	0.134	Inf	20.57	0.11402	7
829MHz_RB 1,#RB H	Pass	1.46	21.35	21.35	0.136	Inf	20.66	0.11641	7
829MHz_RB 25,#RB L	Pass	1.46	20.12	20.12	0.103	Inf	19.43	0.08770	7
829MHz_RB 25,#RB M	Pass	1.46	20.07	20.07	0.102	Inf	19.38	0.08670	7
829MHz_RB 25,#RB H	Pass	1.46	20.02	20.02	0.100	Inf	19.33	0.08570	7
836.5MHz_RB 50,#RB 0	Pass	1.46	20.20	20.20	0.105	Inf	19.51	0.08933	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.45	21.45	0.140	Inf	20.76	0.11912	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.33	21.33	0.136	Inf	20.64	0.11588	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.50	21.50	0.141	Inf	20.81	0.12050	7
836.5MHz_RB 25,#RB L	Pass	1.46	20.19	20.19	0.104	Inf	19.50	0.08913	7
836.5MHz_RB 25,#RB M	Pass	1.46	20.15	20.15	0.104	Inf	19.46	0.08831	7



Average Power

Appendix A.3

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
836.5MHz_RB 25,#RB H	Pass	1.46	20.21	20.21	0.105	Inf	19.52	0.08954	7
844MHz_RB 50,#RB 0	Pass	1.46	20.14	20.14	0.103	Inf	19.45	0.08810	7
844MHz_RB 1,#RB L	Pass	1.46	21.51	21.51	0.142	Inf	20.82	0.12078	7
844MHz_RB 1,#RB M	Pass	1.46	21.32	21.32	0.136	Inf	20.63	0.11561	7
844MHz_RB 1,#RB H	Pass	1.46	21.24	21.24	0.133	Inf	20.55	0.11350	7
844MHz_RB 25,#RB L	Pass	1.46	20.20	20.20	0.105	Inf	19.51	0.08933	7
844MHz_RB 25,#RB M	Pass	1.46	20.11	20.11	0.103	Inf	19.42	0.08750	7
844MHz_RB 25,#RB H	Pass	1.46	20.12	20.12	0.103	Inf	19.43	0.08770	7
Band 5_LTE_1.4MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	1.46	20.13	20.13	0.103	Inf	19.44	0.08790	7
824.7MHz_RB 1,#RB L	Pass	1.46	21.54	21.54	0.143	Inf	20.85	0.12162	7
824.7MHz_RB 1,#RB M	Pass	1.46	20.95	20.95	0.124	Inf	20.26	0.10617	7
824.7MHz_RB 1,#RB H	Pass	1.46	21.48	21.48	0.141	Inf	20.79	0.11995	7
824.7MHz_RB 3,#RB L	Pass	1.46	21.18	21.18	0.131	Inf	20.49	0.11194	7
824.7MHz_RB 3,#RB M	Pass	1.46	20.95	20.95	0.124	Inf	20.26	0.10617	7
824.7MHz_RB 3,#RB H	Pass	1.46	21.17	21.17	0.131	Inf	20.48	0.11169	7
836.5MHz_RB 6,#RB 0	Pass	1.46	20.15	20.15	0.104	Inf	19.46	0.08831	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.55	21.55	0.143	Inf	20.86	0.12190	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.19	21.19	0.132	Inf	20.50	0.11220	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.48	21.48	0.141	Inf	20.79	0.11995	7
836.5MHz_RB 3,#RB L	Pass	1.46	21.16	21.16	0.131	Inf	20.47	0.11143	7
836.5MHz_RB 3,#RB M	Pass	1.46	20.98	20.98	0.125	Inf	20.29	0.10691	7
836.5MHz_RB 3,#RB H	Pass	1.46	21.18	21.18	0.131	Inf	20.49	0.11194	7
848.3MHz_RB 6,#RB 0	Pass	1.46	20.00	20.00	0.100	Inf	19.31	0.08531	7
848.3MHz_RB 1,#RB L	Pass	1.46	21.38	21.38	0.137	Inf	20.69	0.11722	7
848.3MHz_RB 1,#RB M	Pass	1.46	20.81	20.81	0.121	Inf	20.12	0.10280	7
848.3MHz_RB 1,#RB H	Pass	1.46	21.31	21.31	0.135	Inf	20.62	0.11535	7
848.3MHz_RB 3,#RB L	Pass	1.46	21.10	21.10	0.129	Inf	20.41	0.10990	7
848.3MHz_RB 3,#RB M	Pass	1.46	20.90	20.90	0.123	Inf	20.21	0.10495	7
848.3MHz_RB 3,#RB H	Pass	1.46	21.11	21.11	0.129	Inf	20.42	0.11015	7
Band 5_LTE_3MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	1.46	20.11	20.11	0.103	Inf	19.42	0.08750	7
825.5MHz_RB 1,#RB L	Pass	1.46	21.29	21.29	0.135	Inf	20.60	0.11482	7
825.5MHz_RB 1,#RB M	Pass	1.46	21.26	21.26	0.134	Inf	20.57	0.11402	7
825.5MHz_RB 1,#RB H	Pass	1.46	21.27	21.27	0.134	Inf	20.58	0.11429	7
825.5MHz_RB 8,#RB L	Pass	1.46	20.18	20.18	0.104	Inf	19.49	0.08892	7
825.5MHz_RB 8,#RB M	Pass	1.46	20.10	20.10	0.102	Inf	19.41	0.08730	7
825.5MHz_RB 8,#RB H	Pass	1.46	20.12	20.12	0.103	Inf	19.43	0.08770	7
836.5MHz_RB 15,#RB 0	Pass	1.46	20.15	20.15	0.104	Inf	19.46	0.08831	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.14	21.14	0.130	Inf	20.45	0.11092	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.53	21.53	0.142	Inf	20.84	0.12134	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.29	21.29	0.135	Inf	20.60	0.11482	7
836.5MHz_RB 8,#RB L	Pass	1.46	20.26	20.26	0.106	Inf	19.57	0.09057	7
836.5MHz_RB 8,#RB M	Pass	1.46	20.17	20.17	0.104	Inf	19.48	0.08872	7
836.5MHz_RB 8,#RB H	Pass	1.46	20.17	20.17	0.104	Inf	19.48	0.08872	7
847.5MHz_RB 15,#RB 0	Pass	1.46	20.10	20.10	0.102	Inf	19.41	0.08730	7
847.5MHz_RB 1,#RB L	Pass	1.46	21.41	21.41	0.138	Inf	20.72	0.11803	7
847.5MHz_RB 1,#RB M	Pass	1.46	21.35	21.35	0.136	Inf	20.66	0.11641	7



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
847.5MHz_RB 1,#RB H	Pass	1.46	21.14	21.14	0.130	Inf	20.45	0.11092	7
847.5MHz_RB 8,#RB L	Pass	1.46	20.18	20.18	0.104	Inf	19.49	0.08892	7
847.5MHz_RB 8,#RB M	Pass	1.46	20.11	20.11	0.103	Inf	19.42	0.08750	7
847.5MHz_RB 8,#RB H	Pass	1.46	20.05	20.05	0.101	Inf	19.36	0.08630	7
Band 5_LTE_5MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	1.46	20.02	20.02	0.100	Inf	19.33	0.08570	7
826.5MHz_RB 1,#RB L	Pass	1.46	21.11	21.11	0.129	Inf	20.42	0.11015	7
826.5MHz_RB 1,#RB M	Pass	1.46	21.11	21.11	0.129	Inf	20.42	0.11015	7
826.5MHz_RB 1,#RB H	Pass	1.46	20.92	20.92	0.124	Inf	20.23	0.10544	7
826.5MHz_RB 12,#RB L	Pass	1.46	20.03	20.03	0.101	Inf	19.34	0.08590	7
826.5MHz_RB 12,#RB M	Pass	1.46	19.96	19.96	0.099	Inf	19.27	0.08453	7
826.5MHz_RB 12,#RB H	Pass	1.46	19.96	19.96	0.099	Inf	19.27	0.08453	7
836.5MHz_RB 25,#RB 0	Pass	1.46	20.04	20.04	0.101	Inf	19.35	0.08610	7
836.5MHz_RB 1,#RB L	Pass	1.46	20.88	20.88	0.122	Inf	20.19	0.10447	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.15	21.15	0.130	Inf	20.46	0.11117	7
836.5MHz_RB 1,#RB H	Pass	1.46	20.92	20.92	0.124	Inf	20.23	0.10544	7
836.5MHz_RB 12,#RB L	Pass	1.46	20.03	20.03	0.101	Inf	19.34	0.08590	7
836.5MHz_RB 12,#RB M	Pass	1.46	20.04	20.04	0.101	Inf	19.35	0.08610	7
836.5MHz_RB 12,#RB H	Pass	1.46	20.00	20.00	0.100	Inf	19.31	0.08531	7
846.5MHz_RB 25,#RB 0	Pass	1.46	19.96	19.96	0.099	Inf	19.27	0.08453	7
846.5MHz_RB 1,#RB L	Pass	1.46	20.96	20.96	0.125	Inf	20.27	0.10641	7
846.5MHz_RB 1,#RB M	Pass	1.46	20.94	20.94	0.124	Inf	20.25	0.10593	7
846.5MHz_RB 1,#RB H	Pass	1.46	20.87	20.87	0.122	Inf	20.18	0.10423	7
846.5MHz_RB 12,#RB L	Pass	1.46	19.99	19.99	0.100	Inf	19.30	0.08511	7
846.5MHz_RB 12,#RB M	Pass	1.46	19.95	19.95	0.099	Inf	19.26	0.08433	7
846.5MHz_RB 12,#RB H	Pass	1.46	19.89	19.89	0.097	Inf	19.20	0.08318	7
Band 5_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	1.46	20.02	20.02	0.100	Inf	19.33	0.08570	7
829MHz_RB 1,#RB L	Pass	1.46	21.22	21.22	0.132	Inf	20.53	0.11298	7
829MHz_RB 1,#RB M	Pass	1.46	21.16	21.16	0.131	Inf	20.47	0.11143	7
829MHz_RB 1,#RB H	Pass	1.46	21.02	21.02	0.126	Inf	20.33	0.10789	7
829MHz_RB 25,#RB L	Pass	1.46	19.99	19.99	0.100	Inf	19.30	0.08511	7
829MHz_RB 25,#RB M	Pass	1.46	20.00	20.00	0.100	Inf	19.31	0.08531	7
829MHz_RB 25,#RB H	Pass	1.46	19.99	19.99	0.100	Inf	19.30	0.08511	7
836.5MHz_RB 50,#RB 0	Pass	1.46	20.10	20.10	0.102	Inf	19.41	0.08730	7
836.5MHz_RB 1,#RB L	Pass	1.46	21.17	21.17	0.131	Inf	20.48	0.11169	7
836.5MHz_RB 1,#RB M	Pass	1.46	21.25	21.25	0.133	Inf	20.56	0.11376	7
836.5MHz_RB 1,#RB H	Pass	1.46	21.18	21.18	0.131	Inf	20.49	0.11194	7
836.5MHz_RB 25,#RB L	Pass	1.46	19.94	19.94	0.099	Inf	19.25	0.08414	7
836.5MHz_RB 25,#RB M	Pass	1.46	20.08	20.08	0.102	Inf	19.39	0.08690	7
836.5MHz_RB 25,#RB H	Pass	1.46	20.03	20.03	0.101	Inf	19.34	0.08590	7
844MHz_RB 50,#RB 0	Pass	1.46	20.01	20.01	0.100	Inf	19.32	0.08551	7
844MHz_RB 1,#RB L	Pass	1.46	21.27	21.27	0.134	Inf	20.58	0.11429	7
844MHz_RB 1,#RB M	Pass	1.46	21.01	21.01	0.126	Inf	20.32	0.10765	7
844MHz_RB 1,#RB H	Pass	1.46	20.95	20.95	0.124	Inf	20.26	0.10617	7
844MHz_RB 25,#RB L	Pass	1.46	20.08	20.08	0.102	Inf	19.39	0.08690	7
844MHz_RB 25,#RB M	Pass	1.46	19.97	19.97	0.099	Inf	19.28	0.08472	7
844MHz_RB 25,#RB H	Pass	1.46	19.95	19.95	0.099	Inf	19.26	0.08433	7



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
Band 7_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
2502.5MHz_RB 25,#RB 0	Pass	-2.96	19.30	19.30	0.085	Inf	16.34	0.04305	2
2502.5MHz_RB 1,#RB L	Pass	-2.96	20.10	20.10	0.102	Inf	17.14	0.05176	2
2502.5MHz_RB 1,#RB M	Pass	-2.96	20.14	20.14	0.103	Inf	17.18	0.05224	2
2502.5MHz_RB 1,#RB H	Pass	-2.96	19.95	19.95	0.099	Inf	16.99	0.05000	2
2502.5MHz_RB 12,#RB L	Pass	-2.96	19.30	19.30	0.085	Inf	16.34	0.04305	2
2502.5MHz_RB 12,#RB M	Pass	-2.96	19.25	19.25	0.084	Inf	16.29	0.04256	2
2502.5MHz_RB 12,#RB H	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2535MHz_RB 25,#RB 0	Pass	-2.96	19.30	19.30	0.085	Inf	16.34	0.04305	2
2535MHz_RB 1,#RB L	Pass	-2.96	20.16	20.16	0.104	Inf	17.20	0.05248	2
2535MHz_RB 1,#RB M	Pass	-2.96	20.18	20.18	0.104	Inf	17.22	0.05272	2
2535MHz_RB 1,#RB H	Pass	-2.96	20.01	20.01	0.100	Inf	17.05	0.05070	2
2535MHz_RB 12,#RB L	Pass	-2.96	19.36	19.36	0.086	Inf	16.40	0.04365	2
2535MHz_RB 12,#RB M	Pass	-2.96	19.30	19.30	0.085	Inf	16.34	0.04305	2
2535MHz_RB 12,#RB H	Pass	-2.96	19.27	19.27	0.085	Inf	16.31	0.04276	2
2567.5MHz_RB 25,#RB 0	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2567.5MHz_RB 1,#RB L	Pass	-2.96	20.12	20.12	0.103	Inf	17.16	0.05200	2
2567.5MHz_RB 1,#RB M	Pass	-2.96	20.07	20.07	0.102	Inf	17.11	0.05140	2
2567.5MHz_RB 1,#RB H	Pass	-2.96	19.88	19.88	0.097	Inf	16.92	0.04920	2
2567.5MHz_RB 12,#RB L	Pass	-2.96	19.40	19.40	0.087	Inf	16.44	0.04406	2
2567.5MHz_RB 12,#RB M	Pass	-2.96	19.24	19.24	0.084	Inf	16.28	0.04246	2
2567.5MHz_RB 12,#RB H	Pass	-2.96	19.19	19.19	0.083	Inf	16.23	0.04198	2
Band 7_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
2505MHz_RB 50,#RB 0	Pass	-2.96	19.23	19.23	0.084	Inf	16.27	0.04236	2
2505MHz_RB 1,#RB L	Pass	-2.96	20.24	20.24	0.106	Inf	17.28	0.05346	2
2505MHz_RB 1,#RB M	Pass	-2.96	20.13	20.13	0.103	Inf	17.17	0.05212	2
2505MHz_RB 1,#RB H	Pass	-2.96	19.85	19.85	0.097	Inf	16.89	0.04887	2
2505MHz_RB 25,#RB L	Pass	-2.96	19.37	19.37	0.086	Inf	16.41	0.04375	2
2505MHz_RB 25,#RB M	Pass	-2.96	19.25	19.25	0.084	Inf	16.29	0.04256	2
2505MHz_RB 25,#RB H	Pass	-2.96	19.29	19.29	0.085	Inf	16.33	0.04295	2
2535MHz_RB 50,#RB 0	Pass	-2.96	19.33	19.33	0.086	Inf	16.37	0.04335	2
2535MHz_RB 1,#RB L	Pass	-2.96	20.28	20.28	0.107	Inf	17.32	0.05395	2
2535MHz_RB 1,#RB M	Pass	-2.96	20.26	20.26	0.106	Inf	17.30	0.05370	2
2535MHz_RB 1,#RB H	Pass	-2.96	20.15	20.15	0.104	Inf	17.19	0.05236	2
2535MHz_RB 25,#RB L	Pass	-2.96	19.38	19.38	0.087	Inf	16.42	0.04385	2
2535MHz_RB 25,#RB M	Pass	-2.96	19.39	19.39	0.087	Inf	16.43	0.04395	2
2535MHz_RB 25,#RB H	Pass	-2.96	19.32	19.32	0.086	Inf	16.36	0.04325	2
2565MHz_RB 50,#RB 0	Pass	-2.96	19.36	19.36	0.086	Inf	16.40	0.04365	2
2565MHz_RB 1,#RB L	Pass	-2.96	20.30	20.30	0.107	Inf	17.34	0.05420	2
2565MHz_RB 1,#RB M	Pass	-2.96	20.37	20.37	0.109	Inf	17.41	0.05508	2
2565MHz_RB 1,#RB H	Pass	-2.96	19.98	19.98	0.100	Inf	17.02	0.05035	2
2565MHz_RB 25,#RB L	Pass	-2.96	19.39	19.39	0.087	Inf	16.43	0.04395	2
2565MHz_RB 25,#RB M	Pass	-2.96	19.37	19.37	0.086	Inf	16.41	0.04375	2
2565MHz_RB 25,#RB H	Pass	-2.96	19.23	19.23	0.084	Inf	16.27	0.04236	2
Band 7_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
2507.5MHz_RB 75,#RB 0	Pass	-2.96	19.38	19.38	0.087	Inf	16.42	0.04385	2
2507.5MHz_RB 1,#RB L	Pass	-2.96	20.14	20.14	0.103	Inf	17.18	0.05224	2
2507.5MHz_RB 1,#RB M	Pass	-2.96	20.06	20.06	0.101	Inf	17.10	0.05129	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
2507.5MHz_RB 1,#RB H	Pass	-2.96	19.85	19.85	0.097	Inf	16.89	0.04887	2
2507.5MHz_RB 36,#RB L	Pass	-2.96	19.53	19.53	0.090	Inf	16.57	0.04539	2
2507.5MHz_RB 36,#RB M	Pass	-2.96	19.24	19.24	0.084	Inf	16.28	0.04246	2
2507.5MHz_RB 36,#RB H	Pass	-2.96	19.27	19.27	0.085	Inf	16.31	0.04276	2
2535MHz_RB 75,#RB 0	Pass	-2.96	19.35	19.35	0.086	Inf	16.39	0.04355	2
2535MHz_RB 1,#RB L	Pass	-2.96	20.04	20.04	0.101	Inf	17.08	0.05105	2
2535MHz_RB 1,#RB M	Pass	-2.96	20.09	20.09	0.102	Inf	17.13	0.05164	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.75	19.75	0.094	Inf	16.79	0.04775	2
2535MHz_RB 36,#RB L	Pass	-2.96	19.46	19.46	0.088	Inf	16.50	0.04467	2
2535MHz_RB 36,#RB M	Pass	-2.96	19.30	19.30	0.085	Inf	16.34	0.04305	2
2535MHz_RB 36,#RB H	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2562.5MHz_RB 75,#RB 0	Pass	-2.96	19.39	19.39	0.087	Inf	16.43	0.04395	2
2562.5MHz_RB 1,#RB L	Pass	-2.96	20.16	20.16	0.104	Inf	17.20	0.05248	2
2562.5MHz_RB 1,#RB M	Pass	-2.96	20.17	20.17	0.104	Inf	17.21	0.05260	2
2562.5MHz_RB 1,#RB H	Pass	-2.96	19.85	19.85	0.097	Inf	16.89	0.04887	2
2562.5MHz_RB 36,#RB L	Pass	-2.96	19.53	19.53	0.090	Inf	16.57	0.04539	2
2562.5MHz_RB 36,#RB M	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2562.5MHz_RB 36,#RB H	Pass	-2.96	19.34	19.34	0.086	Inf	16.38	0.04345	2
Band 7_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
2510MHz_RB 100,#RB 0	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2510MHz_RB 1,#RB L	Pass	-2.96	19.79	19.79	0.095	Inf	16.83	0.04819	2
2510MHz_RB 1,#RB M	Pass	-2.96	20.00	20.00	0.100	Inf	17.04	0.05058	2
2510MHz_RB 1,#RB H	Pass	-2.96	19.26	19.26	0.084	Inf	16.30	0.04266	2
2510MHz_RB 50,#RB L	Pass	-2.96	19.39	19.39	0.087	Inf	16.43	0.04395	2
2510MHz_RB 50,#RB M	Pass	-2.96	19.16	19.16	0.082	Inf	16.20	0.04169	2
2510MHz_RB 50,#RB H	Pass	-2.96	19.21	19.21	0.083	Inf	16.25	0.04217	2
2535MHz_RB 100,#RB 0	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.79	19.79	0.095	Inf	16.83	0.04819	2
2535MHz_RB 1,#RB M	Pass	-2.96	20.11	20.11	0.103	Inf	17.15	0.05188	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2535MHz_RB 50,#RB L	Pass	-2.96	19.42	19.42	0.087	Inf	16.46	0.04426	2
2535MHz_RB 50,#RB M	Pass	-2.96	19.27	19.27	0.085	Inf	16.31	0.04276	2
2535MHz_RB 50,#RB H	Pass	-2.96	19.23	19.23	0.084	Inf	16.27	0.04236	2
2560MHz_RB 100,#RB 0	Pass	-2.96	19.37	19.37	0.086	Inf	16.41	0.04375	2
2560MHz_RB 1,#RB L	Pass	-2.96	19.79	19.79	0.095	Inf	16.83	0.04819	2
2560MHz_RB 1,#RB M	Pass	-2.96	20.07	20.07	0.102	Inf	17.11	0.05140	2
2560MHz_RB 1,#RB H	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2560MHz_RB 50,#RB L	Pass	-2.96	19.49	19.49	0.089	Inf	16.53	0.04498	2
2560MHz_RB 50,#RB M	Pass	-2.96	19.39	19.39	0.087	Inf	16.43	0.04395	2
2560MHz_RB 50,#RB H	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
Band 7_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
2502.5MHz_RB 25,#RB 0	Pass	-2.96	18.27	18.27	0.067	Inf	15.31	0.03396	2
2502.5MHz_RB 1,#RB L	Pass	-2.96	19.27	19.27	0.085	Inf	16.31	0.04276	2
2502.5MHz_RB 1,#RB M	Pass	-2.96	19.50	19.50	0.089	Inf	16.54	0.04508	2
2502.5MHz_RB 1,#RB H	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2502.5MHz_RB 12,#RB L	Pass	-2.96	18.27	18.27	0.067	Inf	15.31	0.03396	2
2502.5MHz_RB 12,#RB M	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2502.5MHz_RB 12,#RB H	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
2535MHz_RB 25,#RB 0	Pass	-2.96	18.33	18.33	0.068	Inf	15.37	0.03443	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.48	19.48	0.089	Inf	16.52	0.04487	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.37	19.37	0.086	Inf	16.41	0.04375	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.41	19.41	0.087	Inf	16.45	0.04416	2
2535MHz_RB 12,#RB L	Pass	-2.96	18.38	18.38	0.069	Inf	15.42	0.03483	2
2535MHz_RB 12,#RB M	Pass	-2.96	18.33	18.33	0.068	Inf	15.37	0.03443	2
2535MHz_RB 12,#RB H	Pass	-2.96	18.24	18.24	0.067	Inf	15.28	0.03373	2
2567.5MHz_RB 25,#RB 0	Pass	-2.96	18.21	18.21	0.066	Inf	15.25	0.03350	2
2567.5MHz_RB 1,#RB L	Pass	-2.96	19.35	19.35	0.086	Inf	16.39	0.04355	2
2567.5MHz_RB 1,#RB M	Pass	-2.96	19.62	19.62	0.092	Inf	16.66	0.04634	2
2567.5MHz_RB 1,#RB H	Pass	-2.96	19.15	19.15	0.082	Inf	16.19	0.04159	2
2567.5MHz_RB 12,#RB L	Pass	-2.96	18.34	18.34	0.068	Inf	15.38	0.03451	2
2567.5MHz_RB 12,#RB M	Pass	-2.96	18.25	18.25	0.067	Inf	15.29	0.03381	2
2567.5MHz_RB 12,#RB H	Pass	-2.96	18.24	18.24	0.067	Inf	15.28	0.03373	2
Band 7_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
2505MHz_RB 50,#RB 0	Pass	-2.96	18.29	18.29	0.067	Inf	15.33	0.03412	2
2505MHz_RB 1,#RB L	Pass	-2.96	19.43	19.43	0.088	Inf	16.47	0.04436	2
2505MHz_RB 1,#RB M	Pass	-2.96	19.65	19.65	0.092	Inf	16.69	0.04667	2
2505MHz_RB 1,#RB H	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2505MHz_RB 25,#RB L	Pass	-2.96	18.35	18.35	0.068	Inf	15.39	0.03459	2
2505MHz_RB 25,#RB M	Pass	-2.96	18.31	18.31	0.068	Inf	15.35	0.03428	2
2505MHz_RB 25,#RB H	Pass	-2.96	18.29	18.29	0.067	Inf	15.33	0.03412	2
2535MHz_RB 50,#RB 0	Pass	-2.96	18.38	18.38	0.069	Inf	15.42	0.03483	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.53	19.53	0.090	Inf	16.57	0.04539	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.42	19.42	0.087	Inf	16.46	0.04426	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.33	19.33	0.086	Inf	16.37	0.04335	2
2535MHz_RB 25,#RB L	Pass	-2.96	18.42	18.42	0.070	Inf	15.46	0.03516	2
2535MHz_RB 25,#RB M	Pass	-2.96	18.37	18.37	0.069	Inf	15.41	0.03475	2
2535MHz_RB 25,#RB H	Pass	-2.96	18.31	18.31	0.068	Inf	15.35	0.03428	2
2565MHz_RB 50,#RB 0	Pass	-2.96	18.41	18.41	0.069	Inf	15.45	0.03508	2
2565MHz_RB 1,#RB L	Pass	-2.96	19.53	19.53	0.090	Inf	16.57	0.04539	2
2565MHz_RB 1,#RB M	Pass	-2.96	19.40	19.40	0.087	Inf	16.44	0.04406	2
2565MHz_RB 1,#RB H	Pass	-2.96	19.50	19.50	0.089	Inf	16.54	0.04508	2
2565MHz_RB 25,#RB L	Pass	-2.96	18.44	18.44	0.070	Inf	15.48	0.03532	2
2565MHz_RB 25,#RB M	Pass	-2.96	18.35	18.35	0.068	Inf	15.39	0.03459	2
2565MHz_RB 25,#RB H	Pass	-2.96	18.20	18.20	0.066	Inf	15.24	0.03342	2
Band 7_LTE_15MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
2507.5MHz_RB 75,#RB 0	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2507.5MHz_RB 1,#RB L	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2507.5MHz_RB 1,#RB M	Pass	-2.96	19.41	19.41	0.087	Inf	16.45	0.04416	2
2507.5MHz_RB 1,#RB H	Pass	-2.96	18.97	18.97	0.079	Inf	16.01	0.03990	2
2507.5MHz_RB 36,#RB L	Pass	-2.96	18.45	18.45	0.070	Inf	15.49	0.03540	2
2507.5MHz_RB 36,#RB M	Pass	-2.96	18.24	18.24	0.067	Inf	15.28	0.03373	2
2507.5MHz_RB 36,#RB H	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2535MHz_RB 75,#RB 0	Pass	-2.96	18.41	18.41	0.069	Inf	15.45	0.03508	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.50	19.50	0.089	Inf	16.54	0.04508	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.37	19.37	0.086	Inf	16.41	0.04375	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.24	19.24	0.084	Inf	16.28	0.04246	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
2535MHz_RB 36,#RB L	Pass	-2.96	18.44	18.44	0.070	Inf	15.48	0.03532	2
2535MHz_RB 36,#RB M	Pass	-2.96	18.31	18.31	0.068	Inf	15.35	0.03428	2
2535MHz_RB 36,#RB H	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2562.5MHz_RB 75,#RB 0	Pass	-2.96	18.41	18.41	0.069	Inf	15.45	0.03508	2
2562.5MHz_RB 1,#RB L	Pass	-2.96	19.48	19.48	0.089	Inf	16.52	0.04487	2
2562.5MHz_RB 1,#RB M	Pass	-2.96	19.41	19.41	0.087	Inf	16.45	0.04416	2
2562.5MHz_RB 1,#RB H	Pass	-2.96	19.10	19.10	0.081	Inf	16.14	0.04111	2
2562.5MHz_RB 36,#RB L	Pass	-2.96	18.52	18.52	0.071	Inf	15.56	0.03597	2
2562.5MHz_RB 36,#RB M	Pass	-2.96	18.33	18.33	0.068	Inf	15.37	0.03443	2
2562.5MHz_RB 36,#RB H	Pass	-2.96	18.34	18.34	0.068	Inf	15.38	0.03451	2
Band 7_LTE_20MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
2510MHz_RB 100,#RB 0	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2510MHz_RB 1,#RB L	Pass	-2.96	19.21	19.21	0.083	Inf	16.25	0.04217	2
2510MHz_RB 1,#RB M	Pass	-2.96	19.32	19.32	0.086	Inf	16.36	0.04325	2
2510MHz_RB 1,#RB H	Pass	-2.96	18.78	18.78	0.076	Inf	15.82	0.03819	2
2510MHz_RB 50,#RB L	Pass	-2.96	18.37	18.37	0.069	Inf	15.41	0.03475	2
2510MHz_RB 50,#RB M	Pass	-2.96	18.33	18.33	0.068	Inf	15.37	0.03443	2
2510MHz_RB 50,#RB H	Pass	-2.96	18.22	18.22	0.066	Inf	15.26	0.03357	2
2535MHz_RB 100,#RB 0	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.26	19.26	0.084	Inf	16.30	0.04266	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.38	19.38	0.087	Inf	16.42	0.04385	2
2535MHz_RB 1,#RB H	Pass	-2.96	18.69	18.69	0.074	Inf	15.73	0.03741	2
2535MHz_RB 50,#RB L	Pass	-2.96	18.46	18.46	0.070	Inf	15.50	0.03548	2
2535MHz_RB 50,#RB M	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2535MHz_RB 50,#RB H	Pass	-2.96	18.24	18.24	0.067	Inf	15.28	0.03373	2
2560MHz_RB 100,#RB 0	Pass	-2.96	18.38	18.38	0.069	Inf	15.42	0.03483	2
2560MHz_RB 1,#RB L	Pass	-2.96	19.14	19.14	0.082	Inf	16.18	0.04150	2
2560MHz_RB 1,#RB M	Pass	-2.96	19.51	19.51	0.089	Inf	16.55	0.04519	2
2560MHz_RB 1,#RB H	Pass	-2.96	18.69	18.69	0.074	Inf	15.73	0.03741	2
2560MHz_RB 50,#RB L	Pass	-2.96	18.53	18.53	0.071	Inf	15.57	0.03606	2
2560MHz_RB 50,#RB M	Pass	-2.96	18.35	18.35	0.068	Inf	15.39	0.03459	2
2560MHz_RB 50,#RB H	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
Band 7_LTE_5MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
2502.5MHz_RB 25,#RB 0	Pass	-2.96	18.28	18.28	0.067	Inf	15.32	0.03404	2
2502.5MHz_RB 1,#RB L	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2502.5MHz_RB 1,#RB M	Pass	-2.96	19.41	19.41	0.087	Inf	16.45	0.04416	2
2502.5MHz_RB 1,#RB H	Pass	-2.96	19.25	19.25	0.084	Inf	16.29	0.04256	2
2502.5MHz_RB 12,#RB L	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2502.5MHz_RB 12,#RB M	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2502.5MHz_RB 12,#RB H	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2535MHz_RB 25,#RB 0	Pass	-2.96	18.27	18.27	0.067	Inf	15.31	0.03396	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.40	19.40	0.087	Inf	16.44	0.04406	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.21	19.21	0.083	Inf	16.25	0.04217	2
2535MHz_RB 12,#RB L	Pass	-2.96	18.36	18.36	0.069	Inf	15.40	0.03467	2
2535MHz_RB 12,#RB M	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2535MHz_RB 12,#RB H	Pass	-2.96	18.26	18.26	0.067	Inf	15.30	0.03388	2
2567.5MHz_RB 25,#RB 0	Pass	-2.96	18.20	18.20	0.066	Inf	15.24	0.03342	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
2567.5MHz_RB 1,#RB L	Pass	-2.96	19.37	19.37	0.086	Inf	16.41	0.04375	2
2567.5MHz_RB 1,#RB M	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2567.5MHz_RB 1,#RB H	Pass	-2.96	19.23	19.23	0.084	Inf	16.27	0.04236	2
2567.5MHz_RB 12,#RB L	Pass	-2.96	18.31	18.31	0.068	Inf	15.35	0.03428	2
2567.5MHz_RB 12,#RB M	Pass	-2.96	18.14	18.14	0.065	Inf	15.18	0.03296	2
2567.5MHz_RB 12,#RB H	Pass	-2.96	18.16	18.16	0.065	Inf	15.20	0.03311	2
Band 7_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
2505MHz_RB 50,#RB 0	Pass	-2.96	18.29	18.29	0.067	Inf	15.33	0.03412	2
2505MHz_RB 1,#RB L	Pass	-2.96	19.59	19.59	0.091	Inf	16.63	0.04603	2
2505MHz_RB 1,#RB M	Pass	-2.96	19.55	19.55	0.090	Inf	16.59	0.04560	2
2505MHz_RB 1,#RB H	Pass	-2.96	19.51	19.51	0.089	Inf	16.55	0.04519	2
2505MHz_RB 25,#RB L	Pass	-2.96	18.36	18.36	0.069	Inf	15.40	0.03467	2
2505MHz_RB 25,#RB M	Pass	-2.96	18.23	18.23	0.067	Inf	15.27	0.03365	2
2505MHz_RB 25,#RB H	Pass	-2.96	18.29	18.29	0.067	Inf	15.33	0.03412	2
2535MHz_RB 50,#RB 0	Pass	-2.96	18.37	18.37	0.069	Inf	15.41	0.03475	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.63	19.63	0.092	Inf	16.67	0.04645	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.55	19.55	0.090	Inf	16.59	0.04560	2
2535MHz_RB 1,#RB H	Pass	-2.96	19.19	19.19	0.083	Inf	16.23	0.04198	2
2535MHz_RB 25,#RB L	Pass	-2.96	18.37	18.37	0.069	Inf	15.41	0.03475	2
2535MHz_RB 25,#RB M	Pass	-2.96	18.33	18.33	0.068	Inf	15.37	0.03443	2
2535MHz_RB 25,#RB H	Pass	-2.96	18.29	18.29	0.067	Inf	15.33	0.03412	2
2565MHz_RB 50,#RB 0	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2565MHz_RB 1,#RB L	Pass	-2.96	19.53	19.53	0.090	Inf	16.57	0.04539	2
2565MHz_RB 1,#RB M	Pass	-2.96	19.36	19.36	0.086	Inf	16.40	0.04365	2
2565MHz_RB 1,#RB H	Pass	-2.96	19.07	19.07	0.081	Inf	16.11	0.04083	2
2565MHz_RB 25,#RB L	Pass	-2.96	18.35	18.35	0.068	Inf	15.39	0.03459	2
2565MHz_RB 25,#RB M	Pass	-2.96	18.28	18.28	0.067	Inf	15.32	0.03404	2
2565MHz_RB 25,#RB H	Pass	-2.96	18.25	18.25	0.067	Inf	15.29	0.03381	2
Band 7_LTE_15MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
2507.5MHz_RB 75,#RB 0	Pass	-2.96	18.33	18.33	0.068	Inf	15.37	0.03443	2
2507.5MHz_RB 1,#RB L	Pass	-2.96	19.28	19.28	0.085	Inf	16.32	0.04285	2
2507.5MHz_RB 1,#RB M	Pass	-2.96	19.39	19.39	0.087	Inf	16.43	0.04395	2
2507.5MHz_RB 1,#RB H	Pass	-2.96	18.90	18.90	0.078	Inf	15.94	0.03926	2
2507.5MHz_RB 36,#RB L	Pass	-2.96	18.50	18.50	0.071	Inf	15.54	0.03581	2
2507.5MHz_RB 36,#RB M	Pass	-2.96	18.24	18.24	0.067	Inf	15.28	0.03373	2
2507.5MHz_RB 36,#RB H	Pass	-2.96	18.26	18.26	0.067	Inf	15.30	0.03388	2
2535MHz_RB 75,#RB 0	Pass	-2.96	18.36	18.36	0.069	Inf	15.40	0.03467	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.33	19.33	0.086	Inf	16.37	0.04335	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2535MHz_RB 1,#RB H	Pass	-2.96	18.97	18.97	0.079	Inf	16.01	0.03990	2
2535MHz_RB 36,#RB L	Pass	-2.96	18.51	18.51	0.071	Inf	15.55	0.03589	2
2535MHz_RB 36,#RB M	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
2535MHz_RB 36,#RB H	Pass	-2.96	18.32	18.32	0.068	Inf	15.36	0.03436	2
2562.5MHz_RB 75,#RB 0	Pass	-2.96	18.34	18.34	0.068	Inf	15.38	0.03451	2
2562.5MHz_RB 1,#RB L	Pass	-2.96	19.34	19.34	0.086	Inf	16.38	0.04345	2
2562.5MHz_RB 1,#RB M	Pass	-2.96	19.31	19.31	0.085	Inf	16.35	0.04315	2
2562.5MHz_RB 1,#RB H	Pass	-2.96	18.81	18.81	0.076	Inf	15.85	0.03846	2
2562.5MHz_RB 36,#RB L	Pass	-2.96	18.49	18.49	0.071	Inf	15.53	0.03573	2



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
2562.5MHz_RB 36,#RB M	Pass	-2.96	18.27	18.27	0.067	Inf	15.31	0.03396	2
2562.5MHz_RB 36,#RB H	Pass	-2.96	18.30	18.30	0.068	Inf	15.34	0.03420	2
Band 7_LTE_20MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
2510MHz_RB 100,#RB 0	Pass	-2.96	18.40	18.40	0.069	Inf	15.44	0.03499	2
2510MHz_RB 1,#RB L	Pass	-2.96	19.05	19.05	0.080	Inf	16.09	0.04064	2
2510MHz_RB 1,#RB M	Pass	-2.96	19.32	19.32	0.086	Inf	16.36	0.04325	2
2510MHz_RB 1,#RB H	Pass	-2.96	18.59	18.59	0.072	Inf	15.63	0.03656	2
2510MHz_RB 50,#RB L	Pass	-2.96	18.53	18.53	0.071	Inf	15.57	0.03606	2
2510MHz_RB 50,#RB M	Pass	-2.96	18.26	18.26	0.067	Inf	15.30	0.03388	2
2510MHz_RB 50,#RB H	Pass	-2.96	18.16	18.16	0.065	Inf	15.20	0.03311	2
2535MHz_RB 100,#RB 0	Pass	-2.96	18.34	18.34	0.068	Inf	15.38	0.03451	2
2535MHz_RB 1,#RB L	Pass	-2.96	19.18	19.18	0.083	Inf	16.22	0.04188	2
2535MHz_RB 1,#RB M	Pass	-2.96	19.42	19.42	0.087	Inf	16.46	0.04426	2
2535MHz_RB 1,#RB H	Pass	-2.96	18.64	18.64	0.073	Inf	15.68	0.03698	2
2535MHz_RB 50,#RB L	Pass	-2.96	18.41	18.41	0.069	Inf	15.45	0.03508	2
2535MHz_RB 50,#RB M	Pass	-2.96	18.27	18.27	0.067	Inf	15.31	0.03396	2
2535MHz_RB 50,#RB H	Pass	-2.96	18.20	18.20	0.066	Inf	15.24	0.03342	2
2560MHz_RB 100,#RB 0	Pass	-2.96	18.34	18.34	0.068	Inf	15.38	0.03451	2
2560MHz_RB 1,#RB L	Pass	-2.96	19.04	19.04	0.080	Inf	16.08	0.04055	2
2560MHz_RB 1,#RB M	Pass	-2.96	19.33	19.33	0.086	Inf	16.37	0.04335	2
2560MHz_RB 1,#RB H	Pass	-2.96	18.59	18.59	0.072	Inf	15.63	0.03656	2
2560MHz_RB 50,#RB L	Pass	-2.96	18.46	18.46	0.070	Inf	15.50	0.03548	2
2560MHz_RB 50,#RB M	Pass	-2.96	18.28	18.28	0.067	Inf	15.32	0.03404	2
2560MHz_RB 50,#RB H	Pass	-2.96	18.16	18.16	0.065	Inf	15.20	0.03311	2
Band 12_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
699.7MHz_RB 1,#RB L	Pass	1.96	22.03	22.03	0.160	Inf	21.84	0.15276	30
699.7MHz_RB 1,#RB M	Pass	1.96	21.65	21.65	0.146	Inf	21.46	0.13996	30
699.7MHz_RB 1,#RB H	Pass	1.96	22.15	22.15	0.164	Inf	21.96	0.15704	30
699.7MHz_RB 3,#RB L	Pass	1.96	21.97	21.97	0.157	Inf	21.78	0.15066	30
699.7MHz_RB 3,#RB M	Pass	1.96	21.82	21.82	0.152	Inf	21.63	0.14555	30
699.7MHz_RB 3,#RB H	Pass	1.96	21.97	21.97	0.157	Inf	21.78	0.15066	30
707.5MHz_RB 6,#RB 0	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
707.5MHz_RB 1,#RB L	Pass	1.96	22.25	22.25	0.168	Inf	22.06	0.16069	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.69	21.69	0.148	Inf	21.50	0.14125	30
707.5MHz_RB 1,#RB H	Pass	1.96	22.11	22.11	0.163	Inf	21.92	0.15560	30
707.5MHz_RB 3,#RB L	Pass	1.96	22.00	22.00	0.158	Inf	21.81	0.15171	30
707.5MHz_RB 3,#RB M	Pass	1.96	21.88	21.88	0.154	Inf	21.69	0.14757	30
707.5MHz_RB 3,#RB H	Pass	1.96	22.01	22.01	0.159	Inf	21.82	0.15205	30
715.3MHz_RB 6,#RB 0	Pass	1.96	20.98	20.98	0.125	Inf	20.79	0.11995	30
715.3MHz_RB 1,#RB L	Pass	1.96	22.17	22.17	0.165	Inf	21.98	0.15776	30
715.3MHz_RB 1,#RB M	Pass	1.96	21.57	21.57	0.144	Inf	21.38	0.13740	30
715.3MHz_RB 1,#RB H	Pass	1.96	22.11	22.11	0.163	Inf	21.92	0.15560	30
715.3MHz_RB 3,#RB L	Pass	1.96	21.91	21.91	0.155	Inf	21.72	0.14859	30
715.3MHz_RB 3,#RB M	Pass	1.96	21.82	21.82	0.152	Inf	21.63	0.14555	30
715.3MHz_RB 3,#RB H	Pass	1.96	21.97	21.97	0.157	Inf	21.78	0.15066	30
Band 12_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
700.5MHz_RB 1,#RB L	Pass	1.96	22.08	22.08	0.161	Inf	21.89	0.15453	30
700.5MHz_RB 1,#RB M	Pass	1.96	22.18	22.18	0.165	Inf	21.99	0.15812	30
700.5MHz_RB 1,#RB H	Pass	1.96	22.01	22.01	0.159	Inf	21.82	0.15205	30
700.5MHz_RB 8,#RB L	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
700.5MHz_RB 8,#RB M	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
700.5MHz_RB 8,#RB H	Pass	1.96	20.98	20.98	0.125	Inf	20.79	0.11995	30
707.5MHz_RB 15,#RB 0	Pass	1.96	20.91	20.91	0.123	Inf	20.72	0.11803	30
707.5MHz_RB 1,#RB L	Pass	1.96	22.03	22.03	0.160	Inf	21.84	0.15276	30
707.5MHz_RB 1,#RB M	Pass	1.96	22.02	22.02	0.159	Inf	21.83	0.15241	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.98	21.98	0.158	Inf	21.79	0.15101	30
707.5MHz_RB 8,#RB L	Pass	1.96	21.05	21.05	0.127	Inf	20.86	0.12190	30
707.5MHz_RB 8,#RB M	Pass	1.96	21.06	21.06	0.128	Inf	20.87	0.12218	30
707.5MHz_RB 8,#RB H	Pass	1.96	21.09	21.09	0.129	Inf	20.90	0.12303	30
714.5MHz_RB 15,#RB 0	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
714.5MHz_RB 1,#RB L	Pass	1.96	21.93	21.93	0.156	Inf	21.74	0.14928	30
714.5MHz_RB 1,#RB M	Pass	1.96	22.02	22.02	0.159	Inf	21.83	0.15241	30
714.5MHz_RB 1,#RB H	Pass	1.96	22.22	22.22	0.167	Inf	22.03	0.15959	30
714.5MHz_RB 8,#RB L	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
714.5MHz_RB 8,#RB M	Pass	1.96	21.01	21.01	0.126	Inf	20.82	0.12078	30
714.5MHz_RB 8,#RB H	Pass	1.96	21.16	21.16	0.131	Inf	20.97	0.12503	30
Band 12_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	1.96	20.83	20.83	0.121	Inf	20.64	0.11588	30
701.5MHz_RB 1,#RB L	Pass	1.96	21.71	21.71	0.148	Inf	21.52	0.14191	30
701.5MHz_RB 1,#RB M	Pass	1.96	21.76	21.76	0.150	Inf	21.57	0.14355	30
701.5MHz_RB 1,#RB H	Pass	1.96	21.74	21.74	0.149	Inf	21.55	0.14289	30
701.5MHz_RB 12,#RB L	Pass	1.96	20.83	20.83	0.121	Inf	20.64	0.11588	30
701.5MHz_RB 12,#RB M	Pass	1.96	20.83	20.83	0.121	Inf	20.64	0.11588	30
701.5MHz_RB 12,#RB H	Pass	1.96	20.81	20.81	0.121	Inf	20.62	0.11535	30
707.5MHz_RB 25,#RB 0	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.70	21.70	0.148	Inf	21.51	0.14158	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.84	21.84	0.153	Inf	21.65	0.14622	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.76	21.76	0.150	Inf	21.57	0.14355	30
707.5MHz_RB 12,#RB L	Pass	1.96	20.84	20.84	0.121	Inf	20.65	0.11614	30
707.5MHz_RB 12,#RB M	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
707.5MHz_RB 12,#RB H	Pass	1.96	20.87	20.87	0.122	Inf	20.68	0.11695	30
713.5MHz_RB 25,#RB 0	Pass	1.96	20.88	20.88	0.122	Inf	20.69	0.11722	30
713.5MHz_RB 1,#RB L	Pass	1.96	21.84	21.84	0.153	Inf	21.65	0.14622	30
713.5MHz_RB 1,#RB M	Pass	1.96	21.76	21.76	0.150	Inf	21.57	0.14355	30
713.5MHz_RB 1,#RB H	Pass	1.96	21.72	21.72	0.149	Inf	21.53	0.14223	30
713.5MHz_RB 12,#RB L	Pass	1.96	20.94	20.94	0.124	Inf	20.75	0.11885	30
713.5MHz_RB 12,#RB M	Pass	1.96	20.82	20.82	0.121	Inf	20.63	0.11561	30
713.5MHz_RB 12,#RB H	Pass	1.96	20.90	20.90	0.123	Inf	20.71	0.11776	30
Band 12_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
704MHz_RB 50,#RB 0	Pass	1.96	20.94	20.94	0.124	Inf	20.75	0.11885	30
704MHz_RB 1,#RB L	Pass	1.96	22.02	22.02	0.159	Inf	21.83	0.15241	30
704MHz_RB 1,#RB M	Pass	1.96	21.93	21.93	0.156	Inf	21.74	0.14928	30
704MHz_RB 1,#RB H	Pass	1.96	21.90	21.90	0.155	Inf	21.71	0.14825	30
704MHz_RB 25,#RB L	Pass	1.96	20.88	20.88	0.122	Inf	20.69	0.11722	30



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
704MHz_RB 25,#RB M	Pass	1.96	20.91	20.91	0.123	Inf	20.72	0.11803	30
704MHz_RB 25,#RB H	Pass	1.96	20.88	20.88	0.122	Inf	20.69	0.11722	30
707.5MHz_RB 50,#RB 0	Pass	1.96	20.97	20.97	0.125	Inf	20.78	0.11967	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.95	21.95	0.157	Inf	21.76	0.14997	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.93	21.93	0.156	Inf	21.74	0.14928	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.74	21.74	0.149	Inf	21.55	0.14289	30
707.5MHz_RB 25,#RB L	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
707.5MHz_RB 25,#RB M	Pass	1.96	20.97	20.97	0.125	Inf	20.78	0.11967	30
707.5MHz_RB 25,#RB H	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
711MHz_RB 50,#RB 0	Pass	1.96	20.95	20.95	0.124	Inf	20.76	0.11912	30
711MHz_RB 1,#RB L	Pass	1.96	21.84	21.84	0.153	Inf	21.65	0.14622	30
711MHz_RB 1,#RB M	Pass	1.96	21.93	21.93	0.156	Inf	21.74	0.14928	30
711MHz_RB 1,#RB H	Pass	1.96	21.90	21.90	0.155	Inf	21.71	0.14825	30
711MHz_RB 25,#RB L	Pass	1.96	21.00	21.00	0.126	Inf	20.81	0.12050	30
711MHz_RB 25,#RB M	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
711MHz_RB 25,#RB H	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
Band 12_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
699.7MHz_RB 1,#RB L	Pass	1.96	21.41	21.41	0.138	Inf	21.22	0.13243	30
699.7MHz_RB 1,#RB M	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
699.7MHz_RB 1,#RB H	Pass	1.96	21.40	21.40	0.138	Inf	21.21	0.13213	30
699.7MHz_RB 3,#RB L	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
699.7MHz_RB 3,#RB M	Pass	1.96	20.81	20.81	0.121	Inf	20.62	0.11535	30
699.7MHz_RB 3,#RB H	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
707.5MHz_RB 6,#RB 0	Pass	1.96	20.04	20.04	0.101	Inf	19.85	0.09661	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.34	21.34	0.136	Inf	21.15	0.13032	30
707.5MHz_RB 1,#RB M	Pass	1.96	20.97	20.97	0.125	Inf	20.78	0.11967	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.40	21.40	0.138	Inf	21.21	0.13213	30
707.5MHz_RB 3,#RB L	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
707.5MHz_RB 3,#RB M	Pass	1.96	20.89	20.89	0.123	Inf	20.70	0.11749	30
707.5MHz_RB 3,#RB H	Pass	1.96	21.09	21.09	0.129	Inf	20.90	0.12303	30
715.3MHz_RB 6,#RB 0	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
715.3MHz_RB 1,#RB L	Pass	1.96	21.32	21.32	0.136	Inf	21.13	0.12972	30
715.3MHz_RB 1,#RB M	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
715.3MHz_RB 1,#RB H	Pass	1.96	21.40	21.40	0.138	Inf	21.21	0.13213	30
715.3MHz_RB 3,#RB L	Pass	1.96	21.10	21.10	0.129	Inf	20.91	0.12331	30
715.3MHz_RB 3,#RB M	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
715.3MHz_RB 3,#RB H	Pass	1.96	20.98	20.98	0.125	Inf	20.79	0.11995	30
Band 12_LTE_3MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	1.96	20.04	20.04	0.101	Inf	19.85	0.09661	30
700.5MHz_RB 1,#RB L	Pass	1.96	21.26	21.26	0.134	Inf	21.07	0.12794	30
700.5MHz_RB 1,#RB M	Pass	1.96	21.47	21.47	0.140	Inf	21.28	0.13428	30
700.5MHz_RB 1,#RB H	Pass	1.96	21.18	21.18	0.131	Inf	20.99	0.12560	30
700.5MHz_RB 8,#RB L	Pass	1.96	20.03	20.03	0.101	Inf	19.84	0.09638	30
700.5MHz_RB 8,#RB M	Pass	1.96	20.01	20.01	0.100	Inf	19.82	0.09594	30
700.5MHz_RB 8,#RB H	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
707.5MHz_RB 15,#RB 0	Pass	1.96	20.03	20.03	0.101	Inf	19.84	0.09638	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30



Average Power

Appendix A.3

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
707.5MHz_RB 1,#RB M	Pass	1.96	21.39	21.39	0.138	Inf	21.20	0.13183	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
707.5MHz_RB 8,#RB L	Pass	1.96	20.08	20.08	0.102	Inf	19.89	0.09750	30
707.5MHz_RB 8,#RB M	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
707.5MHz_RB 8,#RB H	Pass	1.96	20.07	20.07	0.102	Inf	19.88	0.09727	30
714.5MHz_RB 15,#RB 0	Pass	1.96	20.10	20.10	0.102	Inf	19.91	0.09795	30
714.5MHz_RB 1,#RB L	Pass	1.96	21.31	21.31	0.135	Inf	21.12	0.12942	30
714.5MHz_RB 1,#RB M	Pass	1.96	21.25	21.25	0.133	Inf	21.06	0.12764	30
714.5MHz_RB 1,#RB H	Pass	1.96	21.36	21.36	0.137	Inf	21.17	0.13092	30
714.5MHz_RB 8,#RB L	Pass	1.96	20.13	20.13	0.103	Inf	19.94	0.09863	30
714.5MHz_RB 8,#RB M	Pass	1.96	20.08	20.08	0.102	Inf	19.89	0.09750	30
714.5MHz_RB 8,#RB H	Pass	1.96	20.16	20.16	0.104	Inf	19.97	0.09931	30
Band 12_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	1.96	19.87	19.87	0.097	Inf	19.68	0.09290	30
701.5MHz_RB 1,#RB L	Pass	1.96	21.09	21.09	0.129	Inf	20.90	0.12303	30
701.5MHz_RB 1,#RB M	Pass	1.96	21.01	21.01	0.126	Inf	20.82	0.12078	30
701.5MHz_RB 1,#RB H	Pass	1.96	20.89	20.89	0.123	Inf	20.70	0.11749	30
701.5MHz_RB 12,#RB L	Pass	1.96	19.94	19.94	0.099	Inf	19.75	0.09441	30
701.5MHz_RB 12,#RB M	Pass	1.96	19.84	19.84	0.096	Inf	19.65	0.09226	30
701.5MHz_RB 12,#RB H	Pass	1.96	19.85	19.85	0.097	Inf	19.66	0.09247	30
707.5MHz_RB 25,#RB 0	Pass	1.96	19.90	19.90	0.098	Inf	19.71	0.09354	30
707.5MHz_RB 1,#RB L	Pass	1.96	20.85	20.85	0.122	Inf	20.66	0.11641	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.07	21.07	0.128	Inf	20.88	0.12246	30
707.5MHz_RB 1,#RB H	Pass	1.96	20.94	20.94	0.124	Inf	20.75	0.11885	30
707.5MHz_RB 12,#RB L	Pass	1.96	19.81	19.81	0.096	Inf	19.62	0.09162	30
707.5MHz_RB 12,#RB M	Pass	1.96	19.87	19.87	0.097	Inf	19.68	0.09290	30
707.5MHz_RB 12,#RB H	Pass	1.96	19.91	19.91	0.098	Inf	19.72	0.09376	30
713.5MHz_RB 25,#RB 0	Pass	1.96	19.88	19.88	0.097	Inf	19.69	0.09311	30
713.5MHz_RB 1,#RB L	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30
713.5MHz_RB 1,#RB M	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
713.5MHz_RB 1,#RB H	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
713.5MHz_RB 12,#RB L	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
713.5MHz_RB 12,#RB M	Pass	1.96	19.85	19.85	0.097	Inf	19.66	0.09247	30
713.5MHz_RB 12,#RB H	Pass	1.96	19.88	19.88	0.097	Inf	19.69	0.09311	30
Band 12_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
704MHz_RB 50,#RB 0	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
704MHz_RB 1,#RB L	Pass	1.96	21.19	21.19	0.132	Inf	21.00	0.12589	30
704MHz_RB 1,#RB M	Pass	1.96	21.20	21.20	0.132	Inf	21.01	0.12618	30
704MHz_RB 1,#RB H	Pass	1.96	21.19	21.19	0.132	Inf	21.00	0.12589	30
704MHz_RB 25,#RB L	Pass	1.96	19.94	19.94	0.099	Inf	19.75	0.09441	30
704MHz_RB 25,#RB M	Pass	1.96	19.87	19.87	0.097	Inf	19.68	0.09290	30
704MHz_RB 25,#RB H	Pass	1.96	19.93	19.93	0.098	Inf	19.74	0.09419	30
707.5MHz_RB 50,#RB 0	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.21	21.21	0.132	Inf	21.02	0.12647	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.24	21.24	0.133	Inf	21.05	0.12735	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.25	21.25	0.133	Inf	21.06	0.12764	30
707.5MHz_RB 25,#RB L	Pass	1.96	19.89	19.89	0.097	Inf	19.70	0.09333	30
707.5MHz_RB 25,#RB M	Pass	1.96	19.93	19.93	0.098	Inf	19.74	0.09419	30



Average Power

Appendix A.3

Mode	Result	DG (dB)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
707.5MHz_RB 25,#RB H	Pass	1.96	19.95	19.95	0.099	Inf	19.76	0.09462	30
711MHz_RB 50,#RB 0	Pass	1.96	20.00	20.00	0.100	Inf	19.81	0.09572	30
711MHz_RB 1,#RB L	Pass	1.96	21.07	21.07	0.128	Inf	20.88	0.12246	30
711MHz_RB 1,#RB M	Pass	1.96	21.14	21.14	0.130	Inf	20.95	0.12445	30
711MHz_RB 1,#RB H	Pass	1.96	21.11	21.11	0.129	Inf	20.92	0.12359	30
711MHz_RB 25,#RB L	Pass	1.96	20.04	20.04	0.101	Inf	19.85	0.09661	30
711MHz_RB 25,#RB M	Pass	1.96	19.98	19.98	0.100	Inf	19.79	0.09528	30
711MHz_RB 25,#RB H	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
Band 12_LTE_1.4MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
699.7MHz_RB 6,#RB 0	Pass	1.96	19.98	19.98	0.100	Inf	19.79	0.09528	30
699.7MHz_RB 1,#RB L	Pass	1.96	21.18	21.18	0.131	Inf	20.99	0.12560	30
699.7MHz_RB 1,#RB M	Pass	1.96	20.74	20.74	0.119	Inf	20.55	0.11350	30
699.7MHz_RB 1,#RB H	Pass	1.96	21.28	21.28	0.134	Inf	21.09	0.12853	30
699.7MHz_RB 3,#RB L	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
699.7MHz_RB 3,#RB M	Pass	1.96	20.83	20.83	0.121	Inf	20.64	0.11588	30
699.7MHz_RB 3,#RB H	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
707.5MHz_RB 6,#RB 0	Pass	1.96	19.97	19.97	0.099	Inf	19.78	0.09506	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.30	21.30	0.135	Inf	21.11	0.12912	30
707.5MHz_RB 1,#RB M	Pass	1.96	20.88	20.88	0.122	Inf	20.69	0.11722	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.20	21.20	0.132	Inf	21.01	0.12618	30
707.5MHz_RB 3,#RB L	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30
707.5MHz_RB 3,#RB M	Pass	1.96	20.81	20.81	0.121	Inf	20.62	0.11535	30
707.5MHz_RB 3,#RB H	Pass	1.96	20.94	20.94	0.124	Inf	20.75	0.11885	30
715.3MHz_RB 6,#RB 0	Pass	1.96	19.92	19.92	0.098	Inf	19.73	0.09397	30
715.3MHz_RB 1,#RB L	Pass	1.96	21.22	21.22	0.132	Inf	21.03	0.12677	30
715.3MHz_RB 1,#RB M	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
715.3MHz_RB 1,#RB H	Pass	1.96	21.15	21.15	0.130	Inf	20.96	0.12474	30
715.3MHz_RB 3,#RB L	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
715.3MHz_RB 3,#RB M	Pass	1.96	20.73	20.73	0.118	Inf	20.54	0.11324	30
715.3MHz_RB 3,#RB H	Pass	1.96	21.07	21.07	0.128	Inf	20.88	0.12246	30
Band 12_LTE_3MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
700.5MHz_RB 15,#RB 0	Pass	1.96	19.99	19.99	0.100	Inf	19.80	0.09550	30
700.5MHz_RB 1,#RB L	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
700.5MHz_RB 1,#RB M	Pass	1.96	21.31	21.31	0.135	Inf	21.12	0.12942	30
700.5MHz_RB 1,#RB H	Pass	1.96	20.94	20.94	0.124	Inf	20.75	0.11885	30
700.5MHz_RB 8,#RB L	Pass	1.96	20.07	20.07	0.102	Inf	19.88	0.09727	30
700.5MHz_RB 8,#RB M	Pass	1.96	20.00	20.00	0.100	Inf	19.81	0.09572	30
700.5MHz_RB 8,#RB H	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
707.5MHz_RB 15,#RB 0	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
707.5MHz_RB 1,#RB L	Pass	1.96	21.14	21.14	0.130	Inf	20.95	0.12445	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.48	21.48	0.141	Inf	21.29	0.13459	30
707.5MHz_RB 1,#RB H	Pass	1.96	21.22	21.22	0.132	Inf	21.03	0.12677	30
707.5MHz_RB 8,#RB L	Pass	1.96	20.10	20.10	0.102	Inf	19.91	0.09795	30
707.5MHz_RB 8,#RB M	Pass	1.96	20.09	20.09	0.102	Inf	19.90	0.09772	30
707.5MHz_RB 8,#RB H	Pass	1.96	20.04	20.04	0.101	Inf	19.85	0.09661	30
714.5MHz_RB 15,#RB 0	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
714.5MHz_RB 1,#RB L	Pass	1.96	21.09	21.09	0.129	Inf	20.90	0.12303	30
714.5MHz_RB 1,#RB M	Pass	1.96	21.10	21.10	0.129	Inf	20.91	0.12331	30



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
714.5MHz_RB 1,#RB H	Pass	1.96	21.25	21.25	0.133	Inf	21.06	0.12764	30
714.5MHz_RB 8,#RB L	Pass	1.96	19.99	19.99	0.100	Inf	19.80	0.09550	30
714.5MHz_RB 8,#RB M	Pass	1.96	20.13	20.13	0.103	Inf	19.94	0.09863	30
714.5MHz_RB 8,#RB H	Pass	1.96	19.99	19.99	0.100	Inf	19.80	0.09550	30
Band 12_LTE_5MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
701.5MHz_RB 25,#RB 0	Pass	1.96	19.83	19.83	0.096	Inf	19.64	0.09204	30
701.5MHz_RB 1,#RB L	Pass	1.96	20.90	20.90	0.123	Inf	20.71	0.11776	30
701.5MHz_RB 1,#RB M	Pass	1.96	20.82	20.82	0.121	Inf	20.63	0.11561	30
701.5MHz_RB 1,#RB H	Pass	1.96	20.73	20.73	0.118	Inf	20.54	0.11324	30
701.5MHz_RB 12,#RB L	Pass	1.96	19.82	19.82	0.096	Inf	19.63	0.09183	30
701.5MHz_RB 12,#RB M	Pass	1.96	19.82	19.82	0.096	Inf	19.63	0.09183	30
701.5MHz_RB 12,#RB H	Pass	1.96	19.82	19.82	0.096	Inf	19.63	0.09183	30
707.5MHz_RB 25,#RB 0	Pass	1.96	19.90	19.90	0.098	Inf	19.71	0.09354	30
707.5MHz_RB 1,#RB L	Pass	1.96	20.85	20.85	0.122	Inf	20.66	0.11641	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
707.5MHz_RB 1,#RB H	Pass	1.96	20.74	20.74	0.119	Inf	20.55	0.11350	30
707.5MHz_RB 12,#RB L	Pass	1.96	19.81	19.81	0.096	Inf	19.62	0.09162	30
707.5MHz_RB 12,#RB M	Pass	1.96	19.88	19.88	0.097	Inf	19.69	0.09311	30
707.5MHz_RB 12,#RB H	Pass	1.96	19.91	19.91	0.098	Inf	19.72	0.09376	30
713.5MHz_RB 25,#RB 0	Pass	1.96	19.84	19.84	0.096	Inf	19.65	0.09226	30
713.5MHz_RB 1,#RB L	Pass	1.96	20.88	20.88	0.122	Inf	20.69	0.11722	30
713.5MHz_RB 1,#RB M	Pass	1.96	20.95	20.95	0.124	Inf	20.76	0.11912	30
713.5MHz_RB 1,#RB H	Pass	1.96	20.81	20.81	0.121	Inf	20.62	0.11535	30
713.5MHz_RB 12,#RB L	Pass	1.96	19.86	19.86	0.097	Inf	19.67	0.09268	30
713.5MHz_RB 12,#RB M	Pass	1.96	19.84	19.84	0.096	Inf	19.65	0.09226	30
713.5MHz_RB 12,#RB H	Pass	1.96	19.91	19.91	0.098	Inf	19.72	0.09376	30
Band 12_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
704MHz_RB 50,#RB 0	Pass	1.96	19.90	19.90	0.098	Inf	19.71	0.09354	30
704MHz_RB 1,#RB L	Pass	1.96	21.13	21.13	0.130	Inf	20.94	0.12417	30
704MHz_RB 1,#RB M	Pass	1.96	20.98	20.98	0.125	Inf	20.79	0.11995	30
704MHz_RB 1,#RB H	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30
704MHz_RB 25,#RB L	Pass	1.96	19.87	19.87	0.097	Inf	19.68	0.09290	30
704MHz_RB 25,#RB M	Pass	1.96	19.85	19.85	0.097	Inf	19.66	0.09247	30
704MHz_RB 25,#RB H	Pass	1.96	19.85	19.85	0.097	Inf	19.66	0.09247	30
707.5MHz_RB 50,#RB 0	Pass	1.96	19.98	19.98	0.100	Inf	19.79	0.09528	30
707.5MHz_RB 1,#RB L	Pass	1.96	20.94	20.94	0.124	Inf	20.75	0.11885	30
707.5MHz_RB 1,#RB M	Pass	1.96	21.16	21.16	0.131	Inf	20.97	0.12503	30
707.5MHz_RB 1,#RB H	Pass	1.96	20.99	20.99	0.126	Inf	20.80	0.12023	30
707.5MHz_RB 25,#RB L	Pass	1.96	19.91	19.91	0.098	Inf	19.72	0.09376	30
707.5MHz_RB 25,#RB M	Pass	1.96	19.90	19.90	0.098	Inf	19.71	0.09354	30
707.5MHz_RB 25,#RB H	Pass	1.96	19.83	19.83	0.096	Inf	19.64	0.09204	30
711MHz_RB 50,#RB 0	Pass	1.96	19.94	19.94	0.099	Inf	19.75	0.09441	30
711MHz_RB 1,#RB L	Pass	1.96	20.87	20.87	0.122	Inf	20.68	0.11695	30
711MHz_RB 1,#RB M	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
711MHz_RB 1,#RB H	Pass	1.96	21.09	21.09	0.129	Inf	20.90	0.12303	30
711MHz_RB 25,#RB L	Pass	1.96	19.96	19.96	0.099	Inf	19.77	0.09484	30
711MHz_RB 25,#RB M	Pass	1.96	19.95	19.95	0.099	Inf	19.76	0.09462	30
711MHz_RB 25,#RB H	Pass	1.96	19.83	19.83	0.096	Inf	19.64	0.09204	30



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
Band 13_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	1.96	21.03	21.03	0.127	Inf	20.84	0.12134	30
779.5MHz_RB 1,#RB L	Pass	1.96	21.81	21.81	0.152	Inf	21.62	0.14521	30
779.5MHz_RB 1,#RB M	Pass	1.96	21.95	21.95	0.157	Inf	21.76	0.14997	30
779.5MHz_RB 1,#RB H	Pass	1.96	21.82	21.82	0.152	Inf	21.63	0.14555	30
779.5MHz_RB 12,#RB L	Pass	1.96	21.01	21.01	0.126	Inf	20.82	0.12078	30
779.5MHz_RB 12,#RB M	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
779.5MHz_RB 12,#RB H	Pass	1.96	21.09	21.09	0.129	Inf	20.90	0.12303	30
782MHz_RB 25,#RB 0	Pass	1.96	20.96	20.96	0.125	Inf	20.77	0.11940	30
782MHz_RB 1,#RB L	Pass	1.96	21.91	21.91	0.155	Inf	21.72	0.14859	30
782MHz_RB 1,#RB M	Pass	1.96	21.90	21.90	0.155	Inf	21.71	0.14825	30
782MHz_RB 1,#RB H	Pass	1.96	21.75	21.75	0.150	Inf	21.56	0.14322	30
782MHz_RB 12,#RB L	Pass	1.96	21.06	21.06	0.128	Inf	20.87	0.12218	30
782MHz_RB 12,#RB M	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
782MHz_RB 12,#RB H	Pass	1.96	21.03	21.03	0.127	Inf	20.84	0.12134	30
784.5MHz_RB 25,#RB 0	Pass	1.96	20.97	20.97	0.125	Inf	20.78	0.11967	30
784.5MHz_RB 1,#RB L	Pass	1.96	21.80	21.80	0.151	Inf	21.61	0.14488	30
784.5MHz_RB 1,#RB M	Pass	1.96	21.97	21.97	0.157	Inf	21.78	0.15066	30
784.5MHz_RB 1,#RB H	Pass	1.96	21.84	21.84	0.153	Inf	21.65	0.14622	30
784.5MHz_RB 12,#RB L	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
784.5MHz_RB 12,#RB M	Pass	1.96	21.01	21.01	0.126	Inf	20.82	0.12078	30
784.5MHz_RB 12,#RB H	Pass	1.96	20.93	20.93	0.124	Inf	20.74	0.11858	30
Band 13_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	1.96	21.13	21.13	0.130	Inf	20.94	0.12417	30
782MHz_RB 1,#RB L	Pass	1.96	21.66	21.66	0.147	Inf	21.47	0.14028	30
782MHz_RB 1,#RB M	Pass	1.96	22.02	22.02	0.159	Inf	21.83	0.15241	30
782MHz_RB 1,#RB H	Pass	1.96	21.62	21.62	0.145	Inf	21.43	0.13900	30
782MHz_RB 25,#RB L	Pass	1.96	21.22	21.22	0.132	Inf	21.03	0.12677	30
782MHz_RB 25,#RB M	Pass	1.96	21.01	21.01	0.126	Inf	20.82	0.12078	30
782MHz_RB 25,#RB H	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30
Band 13_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	1.96	20.03	20.03	0.101	Inf	19.84	0.09638	30
779.5MHz_RB 1,#RB L	Pass	1.96	20.98	20.98	0.125	Inf	20.79	0.11995	30
779.5MHz_RB 1,#RB M	Pass	1.96	21.25	21.25	0.133	Inf	21.06	0.12764	30
779.5MHz_RB 1,#RB H	Pass	1.96	21.15	21.15	0.130	Inf	20.96	0.12474	30
779.5MHz_RB 12,#RB L	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
779.5MHz_RB 12,#RB M	Pass	1.96	20.07	20.07	0.102	Inf	19.88	0.09727	30
779.5MHz_RB 12,#RB H	Pass	1.96	20.12	20.12	0.103	Inf	19.93	0.09840	30
782MHz_RB 25,#RB 0	Pass	1.96	19.98	19.98	0.100	Inf	19.79	0.09528	30
782MHz_RB 1,#RB L	Pass	1.96	21.22	21.22	0.132	Inf	21.03	0.12677	30
782MHz_RB 1,#RB M	Pass	1.96	21.11	21.11	0.129	Inf	20.92	0.12359	30
782MHz_RB 1,#RB H	Pass	1.96	21.07	21.07	0.128	Inf	20.88	0.12246	30
782MHz_RB 12,#RB L	Pass	1.96	20.10	20.10	0.102	Inf	19.91	0.09795	30
782MHz_RB 12,#RB M	Pass	1.96	19.97	19.97	0.099	Inf	19.78	0.09506	30
782MHz_RB 12,#RB H	Pass	1.96	20.01	20.01	0.100	Inf	19.82	0.09594	30
784.5MHz_RB 25,#RB 0	Pass	1.96	19.97	19.97	0.099	Inf	19.78	0.09506	30
784.5MHz_RB 1,#RB L	Pass	1.96	21.12	21.12	0.129	Inf	20.93	0.12388	30
784.5MHz_RB 1,#RB M	Pass	1.96	21.21	21.21	0.132	Inf	21.02	0.12647	30



Average Power

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Power (dBm)	Power (W)	Power Lim. (W)	EIRP/ERP (dBm)	EIRP/ERP (W)	EIRP/ERP Lim. (W)
784.5MHz_RB 1,#RB H	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30
784.5MHz_RB 12,#RB L	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
784.5MHz_RB 12,#RB M	Pass	1.96	19.99	19.99	0.100	Inf	19.80	0.09550	30
784.5MHz_RB 12,#RB H	Pass	1.96	19.99	19.99	0.100	Inf	19.80	0.09550	30
Band 13_LTE_10MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	1.96	20.09	20.09	0.102	Inf	19.90	0.09772	30
782MHz_RB 1,#RB L	Pass	1.96	20.63	20.63	0.116	Inf	20.44	0.11066	30
782MHz_RB 1,#RB M	Pass	1.96	20.92	20.92	0.124	Inf	20.73	0.11830	30
782MHz_RB 1,#RB H	Pass	1.96	20.71	20.71	0.118	Inf	20.52	0.11272	30
782MHz_RB 25,#RB L	Pass	1.96	20.21	20.21	0.105	Inf	20.02	0.10046	30
782MHz_RB 25,#RB M	Pass	1.96	20.05	20.05	0.101	Inf	19.86	0.09683	30
782MHz_RB 25,#RB H	Pass	1.96	19.97	19.97	0.099	Inf	19.78	0.09506	30
Band 13_LTE_5MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
779.5MHz_RB 25,#RB 0	Pass	1.96	20.06	20.06	0.101	Inf	19.87	0.09705	30
779.5MHz_RB 1,#RB L	Pass	1.96	20.83	20.83	0.121	Inf	20.64	0.11588	30
779.5MHz_RB 1,#RB M	Pass	1.96	21.12	21.12	0.129	Inf	20.93	0.12388	30
779.5MHz_RB 1,#RB H	Pass	1.96	21.02	21.02	0.126	Inf	20.83	0.12106	30
779.5MHz_RB 12,#RB L	Pass	1.96	20.02	20.02	0.100	Inf	19.83	0.09616	30
779.5MHz_RB 12,#RB M	Pass	1.96	20.02	20.02	0.100	Inf	19.83	0.09616	30
779.5MHz_RB 12,#RB H	Pass	1.96	20.01	20.01	0.100	Inf	19.82	0.09594	30
782MHz_RB 25,#RB 0	Pass	1.96	19.97	19.97	0.099	Inf	19.78	0.09506	30
782MHz_RB 1,#RB L	Pass	1.96	21.08	21.08	0.128	Inf	20.89	0.12274	30
782MHz_RB 1,#RB M	Pass	1.96	21.05	21.05	0.127	Inf	20.86	0.12190	30
782MHz_RB 1,#RB H	Pass	1.96	20.96	20.96	0.125	Inf	20.77	0.11940	30
782MHz_RB 12,#RB L	Pass	1.96	20.08	20.08	0.102	Inf	19.89	0.09750	30
782MHz_RB 12,#RB M	Pass	1.96	19.91	19.91	0.098	Inf	19.72	0.09376	30
782MHz_RB 12,#RB H	Pass	1.96	20.05	20.05	0.101	Inf	19.86	0.09683	30
784.5MHz_RB 25,#RB 0	Pass	1.96	19.94	19.94	0.099	Inf	19.75	0.09441	30
784.5MHz_RB 1,#RB L	Pass	1.96	21.00	21.00	0.126	Inf	20.81	0.12050	30
784.5MHz_RB 1,#RB M	Pass	1.96	21.15	21.15	0.130	Inf	20.96	0.12474	30
784.5MHz_RB 1,#RB H	Pass	1.96	21.04	21.04	0.127	Inf	20.85	0.12162	30
784.5MHz_RB 12,#RB L	Pass	1.96	20.01	20.01	0.100	Inf	19.82	0.09594	30
784.5MHz_RB 12,#RB M	Pass	1.96	20.02	20.02	0.100	Inf	19.83	0.09616	30
784.5MHz_RB 12,#RB H	Pass	1.96	19.97	19.97	0.099	Inf	19.78	0.09506	30
Band 13_LTE_10MHz_Nss1,64QAM_1TX	-	-	-	-	-	-	-	-	-
782MHz_RB 50,#RB 0	Pass	1.96	20.08	20.08	0.102	Inf	19.89	0.09750	30
782MHz_RB 1,#RB L	Pass	1.96	20.72	20.72	0.118	Inf	20.53	0.11298	30
782MHz_RB 1,#RB M	Pass	1.96	20.88	20.88	0.122	Inf	20.69	0.11722	30
782MHz_RB 1,#RB H	Pass	1.96	20.68	20.68	0.117	Inf	20.49	0.11194	30
782MHz_RB 25,#RB L	Pass	1.96	20.19	20.19	0.104	Inf	20.00	0.10000	30
782MHz_RB 25,#RB M	Pass	1.96	20.03	20.03	0.101	Inf	19.84	0.09638	30
782MHz_RB 25,#RB H	Pass	1.96	20.08	20.08	0.102	Inf	19.89	0.09750	30

DG = Directional Gain; Port n = Port n output power



Peak to Average Power Ratio (PAPR)

Appendix B.1

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
850	-	-	-	-	-
GPRS_200kHz_Nss1_1TX	Pass	824.2	13.00	0.26	1
EGPRS_200kHz_Nss1_1TX	Pass	848.8	13.00	3.42	1
1900	-	-	-	-	-
GPRS_200kHz_Nss1_1TX	Pass	1880	13.00	0.29	1
EGPRS_200kHz_Nss1_1TX	Pass	1850.2	13.00	3.48	1



Peak to Average Power Ratio (PAPR)

Appendix B.1

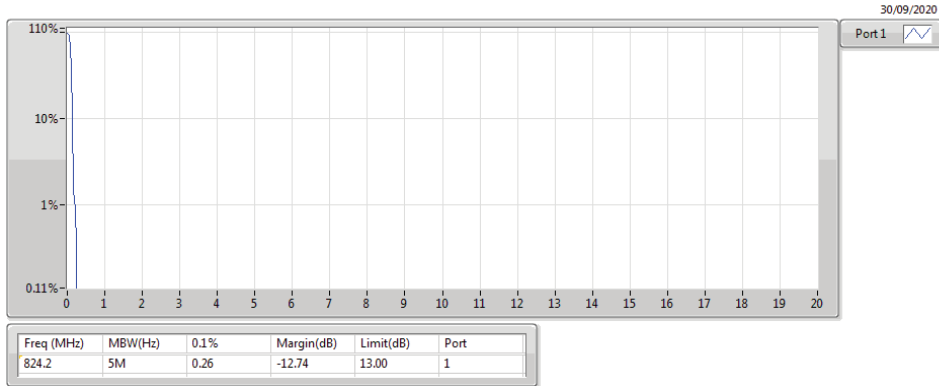
Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
850	-	-	-	-	-
GPRS_200kHz_Nss1_824.2	Pass	824.2	13.00	0.26	1
GPRS_200kHz_Nss1_836.4	Pass	836.4	13.00	0.23	1
GPRS_200kHz_Nss1_848.8	Pass	848.8	13.00	0.17	1
1900	-	-	-	-	-
GPRS_200kHz_Nss1_1850.2	Pass	1850.2	13.00	0.20	1
GPRS_200kHz_Nss1_1880	Pass	1880	13.00	0.29	1
GPRS_200kHz_Nss1_1909.8	Pass	1909.8	13.00	0.26	1
850	-	-	-	-	-
EGPRS_200kHz_Nss1_824.2	Pass	824.2	13.00	3.19	1
EGPRS_200kHz_Nss1_836.4	Pass	836.4	13.00	3.19	1
EGPRS_200kHz_Nss1_848.8	Pass	848.8	13.00	3.42	1
1900	-	-	-	-	-
EGPRS_200kHz_Nss1_1850.2	Pass	1850.2	13.00	3.48	1
EGPRS_200kHz_Nss1_1880	Pass	1880	13.00	3.01	1
EGPRS_200kHz_Nss1_1909.8	Pass	1909.8	13.00	2.81	1

850_GPRS_200kHz_Nss1_1TX

PAR

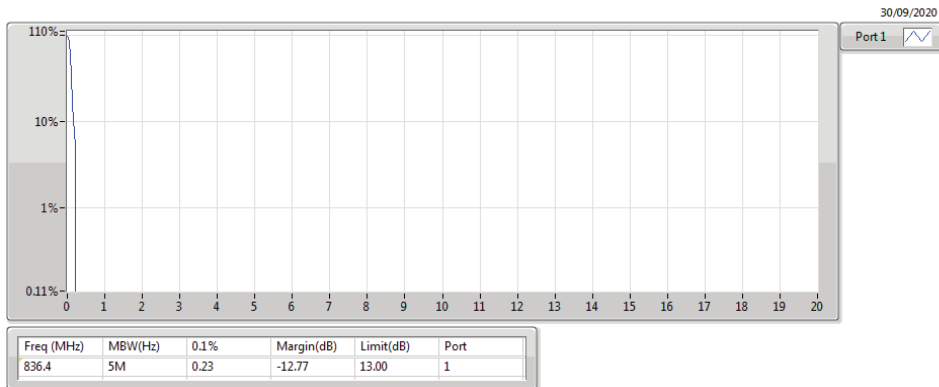
824.2MHz



850_GPRS_200kHz_Nss1_1TX

PAR

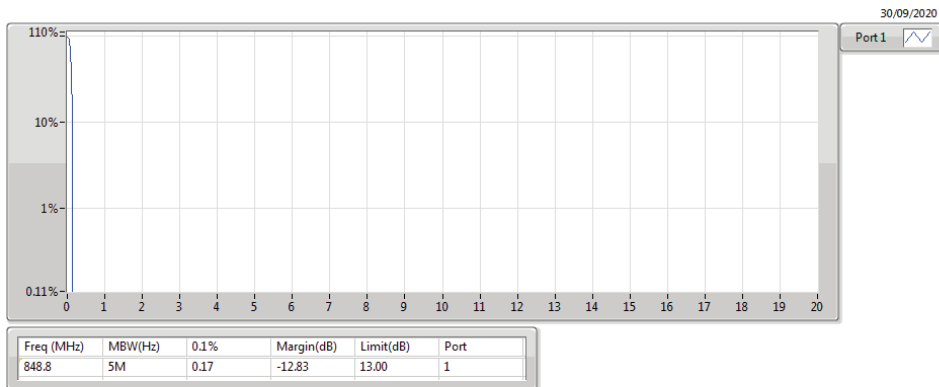
836.4MHz



850_GPRS_200kHz_Nss1_1TX

PAR

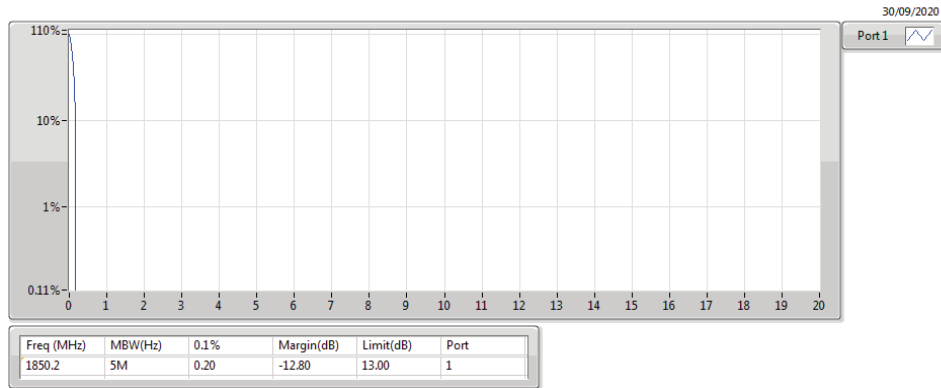
848.8MHz



1900_GPRS_200kHz_Nss1_1TX

PAR

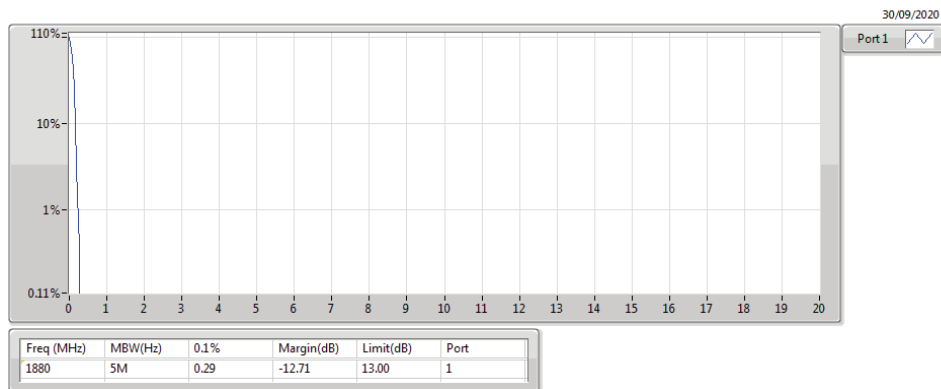
1850.2MHz



1900_GPRS_200kHz_Nss1_1TX

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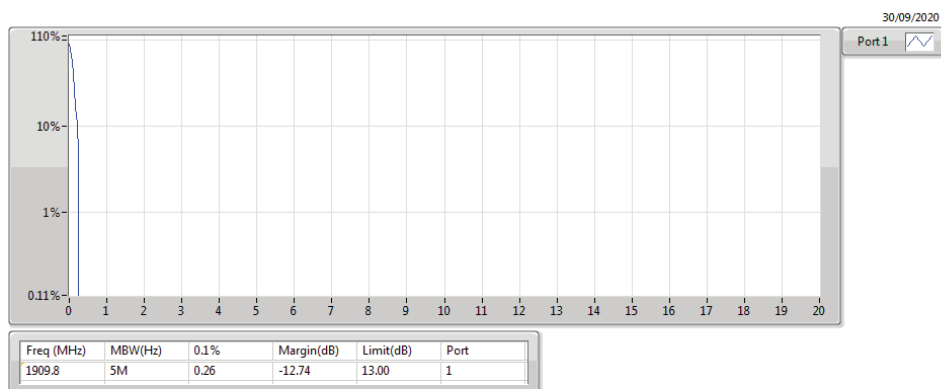
1880MHz



1900_GPRS_200kHz_Nss1_1TX

PAR

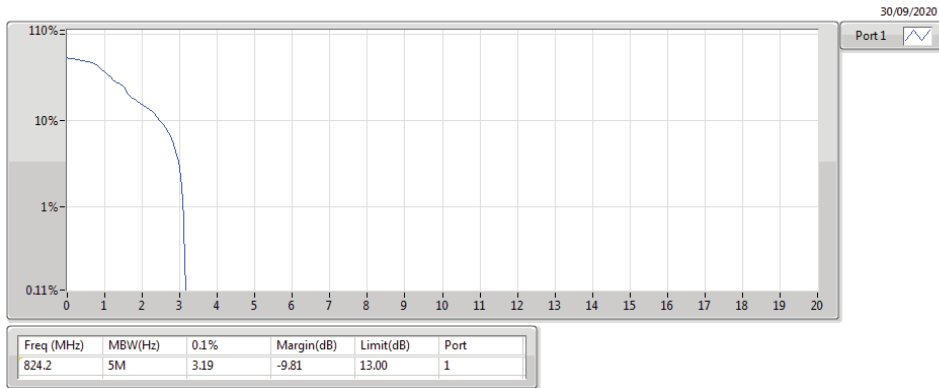
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850_EGPRS_200kHz_Nss1_1TX

PAR

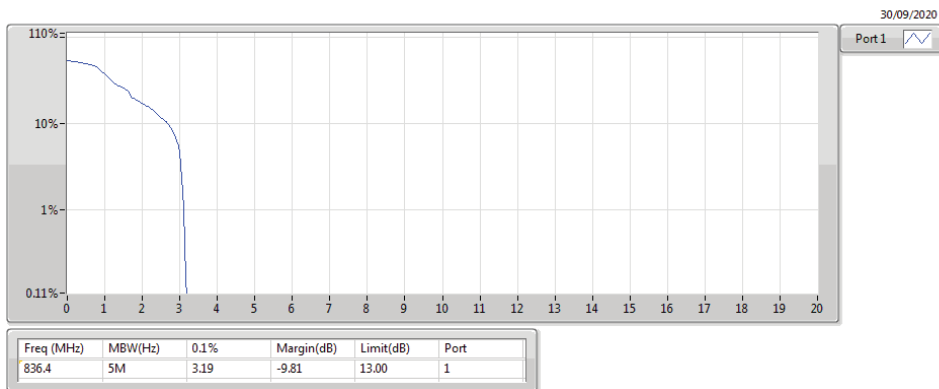
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850_EGPRS_200kHz_Nss1_1TX

PAR

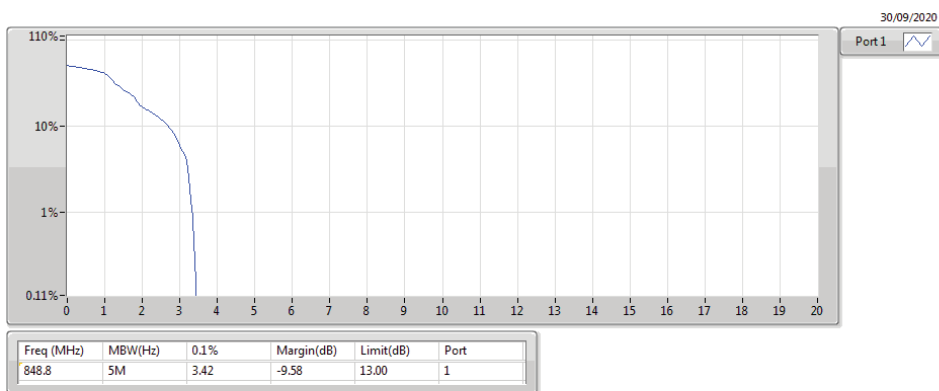
836.4MHz



850_EGPRS_200kHz_Nss1_1TX

PAR

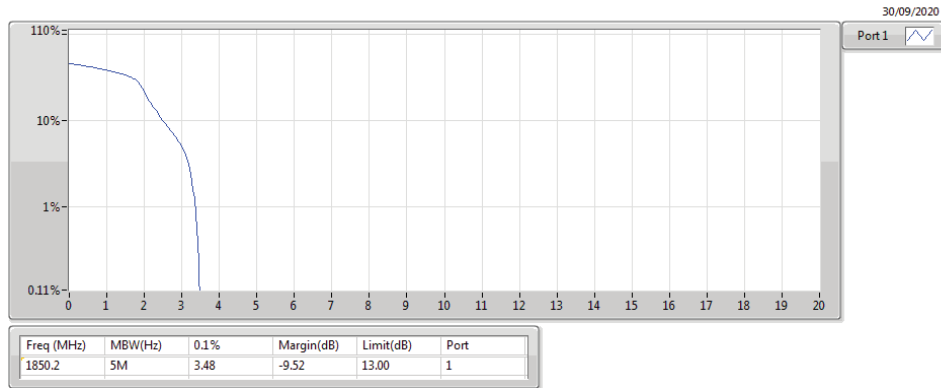
848.8MHz



1900_EGPRS_200kHz_Nss1_1TX

PAR

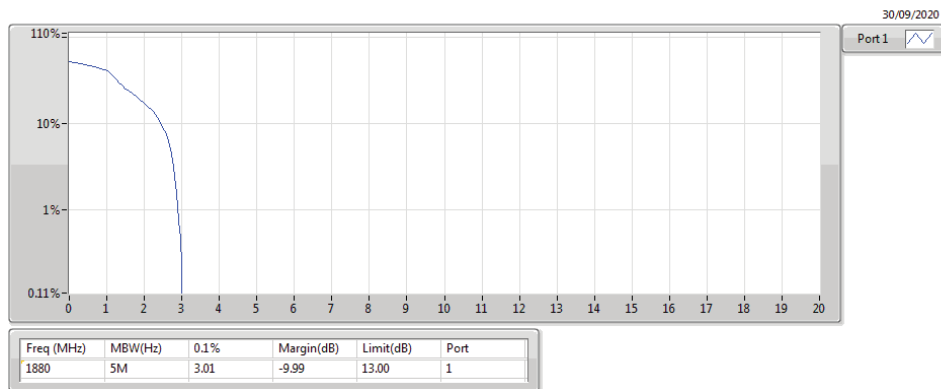
1850.2MHz



1900_EGPRS_200kHz_Nss1_1TX

PAR

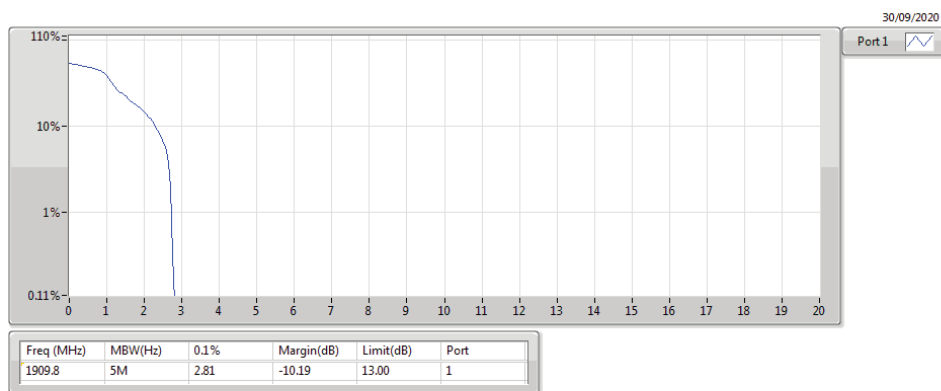
1880MHz



1900_EGPRS_200kHz_Nss1_1TX

PAR

1909.8MHz





Peak to Average Power Ratio (PAPR)

Appendix B.2

Summary

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1852.4	13.00	3.59	1
Band 4	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1732.6	13.00	3.30	1
Band 5	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	836.4	13.00	3.22	1



Peak to Average Power Ratio (PAPR)

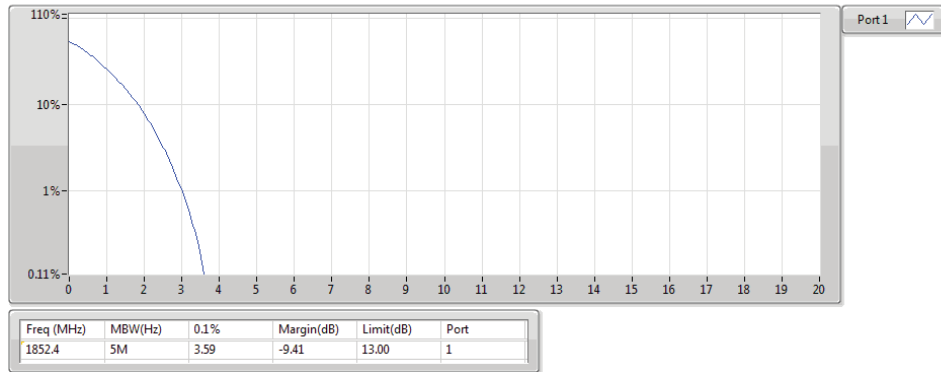
Appendix B.2

Result

Mode	Result	Freq (MHz)	Limit (dB)	0.1%	Port
Band 2	-	-	-	-	-
WCDMA_5MHz_Nss1_1852.4	Pass	1852.4	13.00	3.59	1
WCDMA_5MHz_Nss1_1880	Pass	1880	13.00	3.59	1
WCDMA_5MHz_Nss1_1907.6	Pass	1907.6	13.00	3.51	1
Band 4	-	-	-	-	-
WCDMA_5MHz_Nss1_1712.4	Pass	1712.4	13.00	3.25	1
WCDMA_5MHz_Nss1_1732.6	Pass	1732.6	13.00	3.30	1
WCDMA_5MHz_Nss1_1752.6	Pass	1752.6	13.00	3.22	1
Band 5	-	-	-	-	-
WCDMA_5MHz_Nss1_826.4	Pass	826.4	13.00	3.19	1
WCDMA_5MHz_Nss1_836.4	Pass	836.4	13.00	3.22	1
WCDMA_5MHz_Nss1_846.6	Pass	846.6	13.00	2.81	1

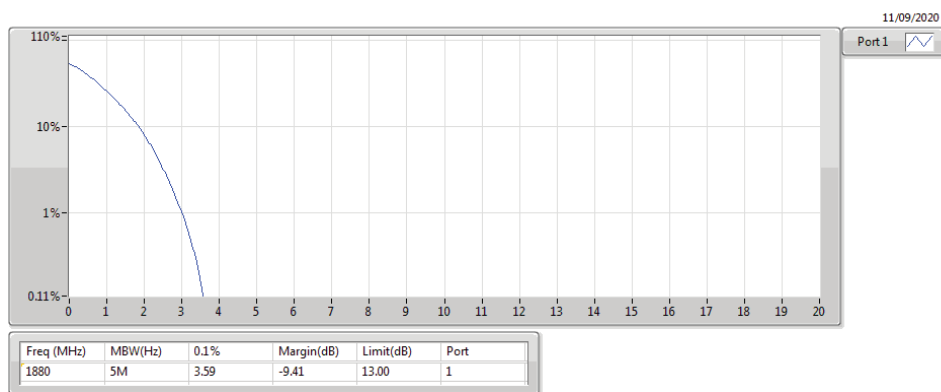
Band 2_WCDMA_5MHz_Nss1_1TX
1852.4MHz

PAR



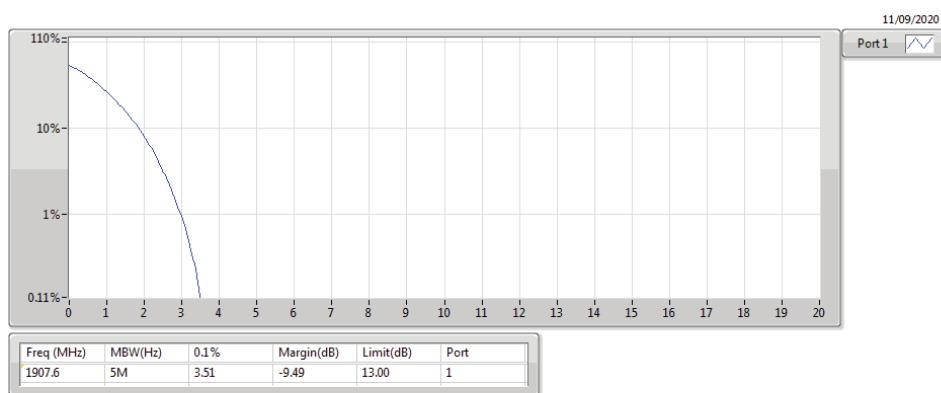
Band 2_WCDMA_5MHz_Nss1_1TX
1880MHz

PAR



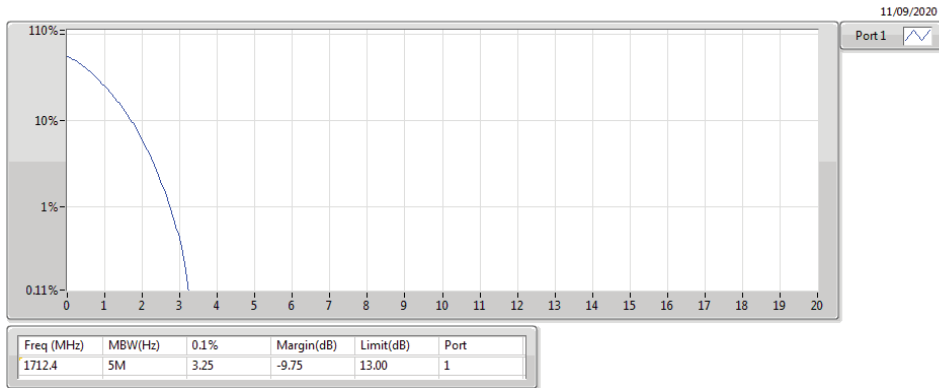
Band 2_WCDMA_5MHz_Nss1_1TX
1907.6MHz

PAR



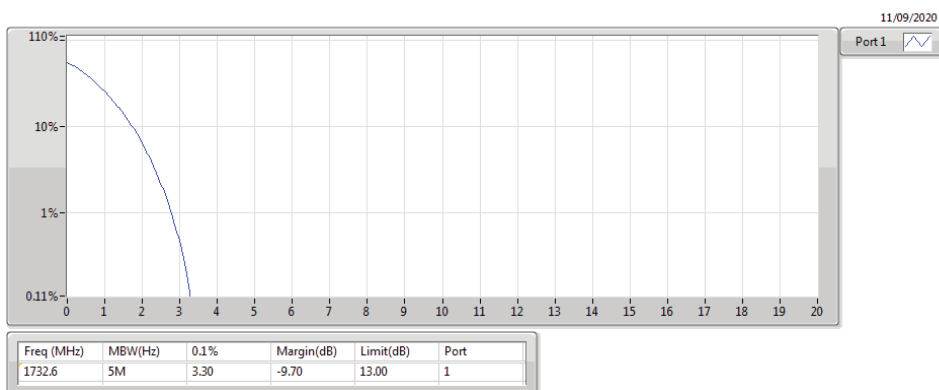
Band 4_WCDMA_5MHz_Nss1_1TX
1712.4MHz

PAR



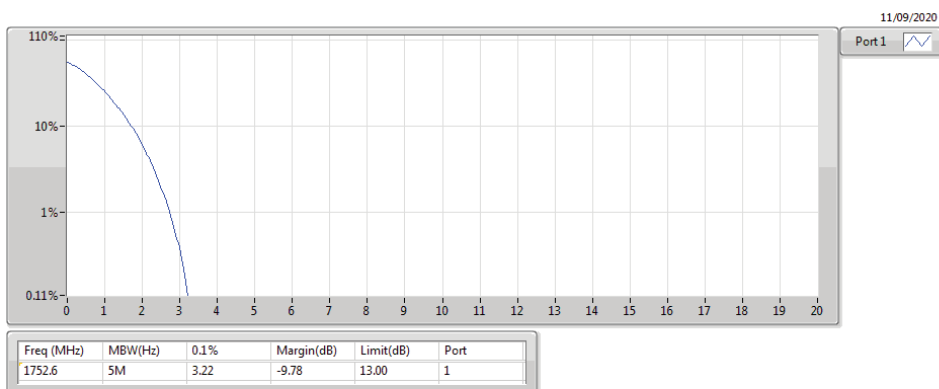
Band 4_WCDMA_5MHz_Nss1_1TX
1732.6MHz

PAR



Band 4_WCDMA_5MHz_Nss1_1TX
1752.6MHz

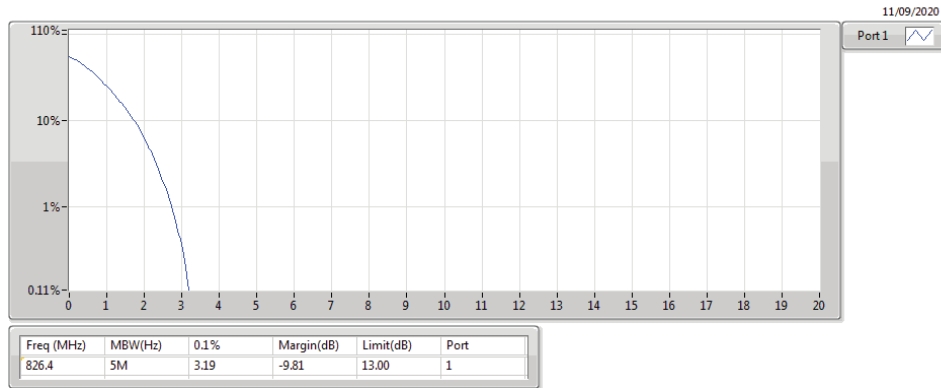
PAR



Band 5_WCDMA_5MHz_Nss1_1TX

PAR

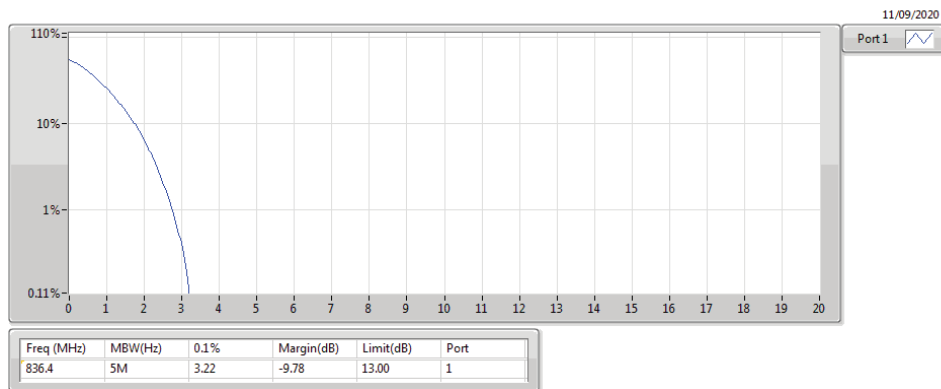
826.4MHz



Band 5_WCDMA_5MHz_Nss1_1TX

PAR

836.4MHz



Band 5_WCDMA_5MHz_Nss1_1TX

PAR

846.6MHz

