

RF TEST REPORT

Report No.: DDT-B23020801-2E01

Applicant	:	Beijing Orion Star Technology Co., Ltd.
Applicant Address	:	Room A-2570, 2nd Floor, No. 30, Shixing Street, Shijingshan District, Beijing China.
Equipment Under Test	:	AI Delivery Robot
Model No.	:	OS-R-DR02
Trade Mark	:	ORIONSTAR
FCC ID	:	2A3BD-OSRDR02
Manufacturer	:	Beijing Orion Star Technology Co., Ltd.
Manufacturer Address	:	Room A-2570, 2nd Floor, No. 30, Shixing Street, Shijingshan District, Beijing China.

Issued By: Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park, Development Area, Tianjin, China

Tel: +86-22-58038033, **E-mail:** ddt@dddt.com, <http://www.ddttest.com>



REPORT

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Test Report Declare

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Test Standard Used:

FCC Rules and Regulations: 47 CFR Part2, Part22, Part24, Part27, Part90

Test Procedure Used:

ANSI C63.26:2015, KDB 971168 D01 v03r01

We Declare:

The equipment described above is tested by Tianjin Dongdian Testing Service Co., Ltd and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Tianjin Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No:	DDT-B23020801-2E01		
Date of Receipt:	Jan. 18, 2023	Date of Test:	Mar. 1, 2023 ~ Mar. 15, 2023

Prepared By:

Novak Wei

Novak Wei/Engineer**Approved By:**

Leon Li

Leon Li/RF Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Mar. 16, 2023	

1. Summary of Test Results

1.1. LTE Band2 / Band25

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §24.232	EIRP: ≤2W	Pass
Peak-to-Average Ratio	FCC §2.1046, §24.232	Limit: ≤13dB	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	§2.1049	No limit	Pass ¹
Band Edges Compliance	FCC §2.1051, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1Mhz	Pass ¹
Spurious Emission at Antenna Terminals	FCC §2.1051, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1Mhz	Pass ¹
Field Strength of Spurious Radiation	FCC §2.1053, §24.238	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1Mhz	Pass
Frequency Stability	FCC §2.1055, §24.235	Emission must remain in band	Pass ¹
Note 1: The above "pass ¹ " items data are refer from the original report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.			

1.2. LTE Band4

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §27.50	EIRP: ≤1W	Pass
Peak-to-Average Ratio	FCC §2.1046, §27.50	Limit: ≤13dB	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	FCC §2.1049	No limit	Pass ¹
Band Edges Compliance	FCC §2.1051, §27.53	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1MHz	Pass ¹
Spurious Emission at Antenna Terminals	FCC §2.1051, §27.53	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1MHz	Pass ¹
Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: ≤ P(dBm)- [43 + 10 log(P(w))] dBm/1MHz	Pass
Frequency Stability	FCC §2.1055, §27.54	Emission must remain in band	Pass ¹

Note 1:

The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.

1.3. LTE Band5 / Band26 partial(824-849MHz)

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §22.913	ERP: ≤ 7W	Pass
Peak-to-Average Ratio	FCC §2.1046	Limit: ≤13dB	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	FCC §2.1049	No limit	Pass ¹
Band Edges Compliance	FCC §2.1051, §22.917	Limit: 1) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz)	Pass ¹
Spurious Emission at Antenna Terminals	FCC §2.1051, §22.917	Limit: 1) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz)	Pass ¹
Field Strength of Spurious Radiation	FCC §2.1053, §22.917	Limit: 1) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/100kHz(Below 1GHz) 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz(Above 1GHz)	Pass
Frequency Stability	FCC §2.1055, §22.355	△: <±2.5ppm	Pass ¹

Note 1:
The above "pass¹" items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.

1.4. LTE Band7 / Band38 / Band41

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §27.50	EIRP: ≤2W	Pass
Peak-to-Average Ratio	FCC §2.1046, §27.50	Limit: ≤13dB	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	FCC §2.1049	FCC: No limit	Pass ¹
Band Edges Compliance	FCC §2.1051, §27.53	Limit: 1) ≤ P(dBm)- [40 + 10 log(P (w))] dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2) ≤ P(dBm)- [43 + 10 log(P (w))] dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz	Pass ¹

		and 2496 MHz, X=Max {6Mhz, EBW} 3) $\leq P(\text{dBm}) - [55 + 10 \log(P(w))]$ dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz.	
Spurious Emission at Antenna Terminals	FCC §2.1051, §27.53	Limit: 1) $\leq P(\text{dBm}) - [40 + 10 \log(P(w))]$ dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz and 2496 MHz, X=Max {6Mhz, EBW} 3) $\leq P(\text{dBm}) - [55 + 10 \log(P(w))]$ dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz.	Pass ¹
Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: 1) $\leq P(\text{dBm}) - [40 + 10 \log(P(w))]$ dBm/1MHz between the channel edge and 5 megahertz from the channel edge, 2) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/1MHz between 5 megahertz and X megahertz from the channel edge and between 2490.5 MHz and 2496 MHz, X=Max {6Mhz, EBW} 3) $\leq P(\text{dBm}) - [55 + 10 \log(P(w))]$ dBm/1MHz on all frequencies more than X megahertz from the channel edge and or below 2490.5 MHz.	Pass
Frequency Stability	FCC §2.1055, §27.54	Emission must remain in band	Pass ¹
Note 1: The above "pass ¹ " items data are refer from the original report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.			

1.5. LTE Band12

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §27.50	ERP: $\leq 3W$	Pass
Peak-to-Average Ratio	FCC §2.1046, §27.50	Limit: $\leq 13\text{dB}$	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	FCC §2.1049	No limit	Pass ¹
Band Edges Compliance	FCC §2.1051, §27.53	Limit: $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100KHz	Pass ¹
Spurious Emission at Antenna Terminals	FCC §2.1051, §27.53	Limit: $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100KHz	Pass ¹

Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz	Pass
Frequency Stability	FCC §2.1055, §27.54	Emission must remain in band	Pass ¹
Note 1: The above "pass ¹ " items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.			

1.6. LTE Band13

Summary of Test Results			
Test Item	Standard	Requirements	Result
Effective (Isotropic) Radiated Power	FCC §2.1046, §27.50	ERP: $\leq 3\text{W}$	Pass
Peak-to-Average Ratio	FCC §2.1046, §27.50	Limit: $\leq 13\text{dB}$	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	FCC §2.1049	No limit	Pass ¹
Band Edges Compliance	FCC §2.1051, §27.53	Limit: 1) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz on any frequency outside the 776-788 MHz band. 2) $\leq P(\text{dBm}) - [65 + 10 \log(P(w))]$ dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3) EIRP: $\leq 70\text{dBW/MHz}$ (wideband) on 1559-1610MHz. 4) EIRP: $\leq 80\text{dBW}$ (narrowband <700Hz) on 1559-1610MHz.	Pass ¹
Spurious Emission at Antenna Terminals	FCC §2.1051, §27.53	Limit: 1) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz on any frequency outside the 776-788 MHz band. 2) $\leq P(\text{dBm}) - [65 + 10 \log(P(w))]$ dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3) EIRP: $\leq 70\text{dBW/MHz}$ (wideband) on 1559-1610MHz. 4) EIRP: $\leq 80\text{dBW}$ (narrowband <700Hz) on 1559-1610MHz.	Pass ¹
Field Strength of Spurious Radiation	FCC §2.1053, §27.53	Limit: 1) $\leq P(\text{dBm}) - [43 + 10 \log(P(w))]$ dBm/100kHz on any frequency outside the 776-788 MHz band. 2) $\leq P(\text{dBm}) - [65 + 10 \log(P(w))]$ dBm/6.25kHz on all frequencies between 763-775 MHz and 793-805 MHz 3) EIRP: $\leq 70\text{dBW/MHz}$ (wideband) on 1559-1610MHz. 4) EIRP: $\leq 80\text{dBW}$ (narrowband <700Hz) on 1559-1610MHz.	Pass
Frequency Stability	FCC §2.1055, §27.54	Emission must remain in band	Pass ¹
Note 1: The above "pass ¹ " items data are refer from the original report issued by SGS-CSTC Standards Technical			

Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.

1.7. LTE Band26 partial(814-824MHz)

Summary of Test Results			
Test Item	Standard.	Requirements	Result
Conducted Output Power	FCC §2.1046, §90.635	ERP ≤100W	Pass
Peak-to-Average Ratio	FCC §2.1046	Limit: ≤13dB	Pass ¹
Modulation Characteristics	FCC §2.1047	Digital modulation	Pass ¹
Occupied Bandwidth	FCC §2.1049	No limit	Pass ¹
Band Edges Compliance / Emission mask	FCC §2.1051, §90.691	Limit: 1) ≤ P(dBm) - [50 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz. 2) ≤ P(dBm) - [43 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block greater than 37.5 kHz.	Pass ¹
Spurious Emission at Antenna Terminals	FCC §2.1051, §90.691	Limit: 1) ≤ P(dBm) - [50 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz. 2) ≤ P(dBm) - [43 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block greater than 37.5 kHz.	Pass ¹
Field Strength of Spurious Radiation	FCC §2.1053, §90.691	Limit: 1) ≤ P(dBm) - [50 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz. 2) ≤ P(dBm) - [43 + 10 log(P (w))] dBm for any frequency removed from the EA licensee's frequency block greater than 37.5 kHz.	Pass
Frequency Stability	FCC §2.1055, §90.213	△: <±2.5ppm	Pass ¹
Note 1: The above "pass ¹ " items data are refer from the original report issued by SGS-CSTC Standards Technical Services, Co., Ltd. Shenzhen Branch. (Date of Test: 2019/1/31 ~2019/2/28). The report number is HR/2019/1001601.			

2. General Test Information

2.1. Description of EUT

EUT Description	AI Delivery Robot										
Model Number	OS-R-DR02										
Trade Mark	ORIONSTAR										
IMEI	865326065961200										
Serial Number	N/A										
Hardware Version	N/A										
Software Version	N/A										
Sample Type	mobile Device										
Frequency band	E-UTRA LTE	Duplex Mode	Tx (MHz)	Rx (MHz)	Supported Channel Bandwidth						
					1.4	3	5	10	15	20	
	Band 2	FDD	1850-1910	1930-1990	☑	☑	☑	☑	☑	☑	
	Band 4	FDD	1710-1755	2110-2155	☑	☑	☑	☑	☑	☑	
	Band 5	FDD	824-849	869-894	☑	☑	☑	☑	---	---	
	Band 7	FDD	2500-2570	2620-2690	---	---	☑	☑	☑	☑	
	Band 12	FDD	699-716	729-746	☑	☑	☑	☑	---	---	
	Band 13	FDD	777-787	746-756	---	---	☑	☑	---	---	
	Band 25	FDD	1850-1915	1930-1995	☑	☑	☑	☑	☑	☑	
	Band 26	FDD	814-824	859-869	☑	☑	☑	☑	---	---	
	Band 26	FDD	824-849	869-894	☑	☑	☑	☑	☑	---	
	Band 38	TDD	2570-2620	2570-2620	---	---	☑	☑	☑	☑	
Band 41	TDD	2496-2690	2496-2690	---	---	☑	☑	☑	☑		
Target Power & Power Class	LTE Band 2(PC3): 25dBm LTE Band 4(PC3): 25dBm LTE Band 5(PC3): 25dBm LTE Band 7(PC3): 25dBm LTE Band 12(PC3): 25dBm LTE Band 13(PC3): 25dBm LTE Band 25(PC3): 25dBm LTE Band 26(PC3): 25dBm LTE Band 38(PC3): 25dBm LTE Band 41(PC3): 25dBm										
Type of modulation	E-UTRA		LTE: QPSK, 16QAM								
Antenna Type	Fixed Internal Antenna										
Antenna Gain	LTE Band 2: 2.54dBi; LTE Band 4: 2.25dBi; LTE Band 5: -0.23dBi; LTE Band 7: 3.20dBi LTE Band 12: -2.46dBi; LTE Band 13: -2.77dBi; LTE Band 25: 2.51dBi; LTE Band 26(814-824MHz): 0.34dBi; LTE Band 26(824-849MHz): -0.23dBi; LTE Band 38: 3.20dBi; LTE Band 41: 3.43dBi;										
Power Supply	DC by Internal battery AC/DC adapter powered by 100-240V~50/60Hz										

Note: EUT is the abbreviation of equipment under test.

2.2. RF Channel Information

E-UTRA Band	Transmitter/ Receiver	Channel Bandwidth	Frequencies Under Test		
			Lowest range(L)	Middle range(M)	Highest range(H)
Band 2	Transmitter	1.4MHz	Channel 18607 (1850.7MHz)	Channel 18900 (1880MHz)	Channel 19193 (1909.3MHz)
		3MHz	Channel 18615 (1851.5MHz)	Channel 18900 (1880MHz)	Channel 19185 (1908.5MHz)
		5MHz	Channel 18625 (1852.5MHz)	Channel 18900 (1880MHz)	Channel 19175 (1907.5MHz)
		10MHz	Channel 18650 (1855MHz)	Channel 18900 (1880MHz)	Channel 19150 (1905MHz)
		15MHz	Channel 18675 (1857.5MHz)	Channel 18900 (1880MHz)	Channel 19125 (1902.5MHz)
		20MHz	Channel 18700 (1860MHz)	Channel 18900 (1880MHz)	Channel 19100 (1900MHz)
	Receiver	1.4MHz	Channel 607 (1930.7MHz)	Channel 900 (1960MHz)	Channel 1193 (1989.3MHz)
		3MHz	Channel 615 (1931.5MHz)	Channel 900 (1960MHz)	Channel 1185 (1988.5MHz)
		5MHz	Channel 625 (1932.5MHz)	Channel 900 (1960MHz)	Channel 1175 (1987.5MHz)
		10MHz	Channel 650 (1935MHz)	Channel 900 (1960MHz)	Channel 1150 (1985MHz)
		15MHz	Channel 675 (1937.5MHz)	Channel 900 (1960MHz)	Channel 1125 (1982.5MHz)
		20MHz	Channel 700 (1940MHz)	Channel 900 (1960MHz)	Channel 1100 (1980MHz)
Band 4	Transmitter	1.4MHz	Channel 19957 (1710.7MHz)	Channel 20175 (1732.5MHz)	Channel 20393 (1754.3MHz)
		3MHz	Channel 19965 (1711.5MHz)	Channel 20175 (1732.5MHz)	Channel 20385 (1753.5MHz)
		5MHz	Channel 19975 (1712.5MHz)	Channel 20175 (1732.5MHz)	Channel 20375 (1752.5MHz)
		10MHz	Channel 20000 (1715MHz)	Channel 20175 (1732.5MHz)	Channel 20350 (1750MHz)
		15MHz	Channel 20025 (1717.5 MHz)	Channel 20175 (1732.5MHz)	Channel 20325 (1747.5MHz)
		20MHz	Channel 20050 (1720 MHz)	Channel 20175 (1732.5MHz)	Channel 20300 (1745MHz)
	Receiver	1.4MHz	Channel 1957 (2110.7MHz)	Channel 2175 (2132.5MHz)	Channel 2393 (2154.3MHz)
		3MHz	Channel 1965 (2111.5MHz)	Channel 2175 (2132.5MHz)	Channel 2385 (2153.5MHz)
		5MHz	Channel 1975 (2112.5MHz)	Channel 2175 (2132.5MHz)	Channel 2375 (2152.5MHz)
		10MHz	Channel 2000 (2115MHz)	Channel 2175 (2132.5MHz)	Channel 2350 (2150MHz)
		15MHz	Channel 2025 (2117.5MHz)	Channel 2175 (2132.5MHz)	Channel 2325 (2147.5MHz)

		20MHz	Channel 2050 (2120MHz)	Channel 2175 (2132.5MHz)	Channel 2300 (2145MHz)
Band5	Transmitter	1.4MHz	Channel 20407 (824.7MHz)	Channel 20525 (836.5MHz)	Channel 20643 (848.3MHz)
		3MHz	Channel 20415 (825.5MHz)	Channel 20525 (836.5MHz)	Channel 20635 (847.5MHz)
		5MHz	Channel 20425 (826.5MHz)	Channel 20525 (836.5MHz)	Channel 20625 (846.5MHz)
		10MHz	Channel 20450 (829 MHz)	Channel 20525 (836.5MHz)	Channel 20600 (844MHz)
	Receiver	1.4MHz	Channel 2407 (869.7MHz)	Channel 2525 (881.5MHz)	Channel 2643 (893.3MHz)
		3MHz	Channel 2415 (870.5MHz)	Channel 2525 (881.5MHz)	Channel 2635 (892.5MHz)
		5MHz	Channel 2425 (871.5MHz)	Channel 2525 (881.5MHz)	Channel 2625 (891.5MHz)
		10MHz	Channel 2450 (874MHz)	Channel 2525 (881.5MHz)	Channel 2600 (889MHz)
Band 7	Transmitter	5MHz	Channel 20775 (2502.5MHz)	Channel 21100 (2535MHz)	Channel 21425 (2567.5MHz)
		10MHz	Channel 20800 (2505MHz)	Channel 21100 (2535MHz)	Channel 21400 (2565MHz)
		15MHz	Channel 20825 (2507.5MHz)	Channel 21100 (2535MHz)	Channel 21375 (2562.5MHz)
		20MHz	Channel 20850 (2510MHz)	Channel 21100 (2535MHz)	Channel 21350 (2560MHz)
	Receiver	5MHz	Channel 2775 (2622.5MHz)	Channel 3100 (2655MHz)	Channel 3425 (2687.5MHz)
		10MHz	Channel 2800 (2625MHz)	Channel 3100 (2655MHz)	Channel 3400 (2685MHz)
		15MHz	Channel 2825 (2627.5MHz)	Channel 3100 (2655MHz)	Channel 3375 (2682.5MHz)
		20MHz	Channel 2850 (2630MHz)	Channel 3100 (2655MHz)	Channel 3350 (2680MHz)
Band 12	Transmitter	1.4MHz	Channel 23017 (699.7MHz)	Channel 23095 (707.5MHz)	Channel 23173 (715.3MHz)
		3MHz	Channel 23025 (700.5MHz)	Channel 23095 (707.5MHz)	Channel 23165 (714.5MHz)
		5MHz	Channel 23035 (701.5MHz)	Channel 23095 (707.5MHz)	Channel 23155 (713.5MHz)
		10MHz	Channel 23060 (704MHz)	Channel 23095 (707.5MHz)	Channel 23130 (711MHz)
	Receiver	1.4MHz	Channel 5017 (729.7MHz)	Channel 5095 (737.5MHz)	Channel 5173 (745.3MHz)
		3MHz	Channel 5025 (730.5MHz)	Channel 5095 (737.5MHz)	Channel 5165 (744.5MHz)
		5MHz	Channel 5035 (731.5MHz)	Channel 5095 (737.5MHz)	Channel 5155 (743.5MHz)
		10MHz	Channel 5060 (734MHz)	Channel 5095 (737.5MHz)	Channel 5130 (741MHz)
Band 13	Transmitter	5MHz	Channel 23205 (779.5MHz)	Channel 23230 (782MHz)	Channel 23255 (784.5MHz)

	Receiver®	10MHz	Channel 23230 (782MHz)	Channel 23230 (782MHz)	Channel 23230 (782MHz)
		5MHz	Channel 5205 (748.5MHz)	Channel 5230 (751MHz)	Channel 5255 (753.5MHz)
		10MHz	Channel 5230 (751MHz)	Channel 5230 (751MHz)	Channel 5230 (751MHz)
Band 25	Transmitter	1.4MHz	Channel 26047 (1850.7MHz)	Channel 26365 (1882.5MHz)	Channel 26683 (1914.3MHz)
		3MHz	Channel 26055 (1851.5MHz)	Channel 26365 (1882.5MHz)	Channel 26675 (1913.5MHz)
		5MHz	Channel 26065 (1852.5MHz)	Channel 26365 (1882.5MHz)	Channel 26665 (1912.5MHz)
		10MHz	Channel 26090 (1855MHz)	Channel 26365 (1882.5MHz)	Channel 26640 (1910MHz)
		15MHz	Channel 26115 (1857.5MHz)	Channel 26365 (1882.5MHz)	Channel 26615 (1907.5MHz)
		20MHz	Channel 26140 (1860MHz)	Channel 26365 (1882.5MHz)	Channel 26590 (1905MHz)
	Receiver	1.4MHz	Channel 8047 (1930.7MHz)	Channel 8365 (1962.5MHz)	Channel 8683 (1994.3MHz)
		3MHz	Channel 8055 (1931.5MHz)	Channel 8365 (1962.5MHz)	Channel 8675 (1993.5MHz)
		5MHz	Channel 8065 (1932.5MHz)	Channel 8365 (1962.5MHz)	Channel 8665 (1992.5MHz)
		10MHz	Channel 8090 (1935MHz)	Channel 8365 (1962.5MHz)	Channel 8640 (1990MHz)
		15MHz	Channel 8115 (1937.5MHz)	Channel 8365 (1962.5MHz)	Channel 8615 (1987.5MHz)
		20MHz	Channel 8140 (1940MHz)	Channel 8365 (1962.5MHz)	Channel 8590 (1985MHz)
Band 26 (814-824)	Transmitter	1.4MHz	Channel 26697 (814.7 MHz)	Channel 26740 (819 MHz)	Channel 26783 (823.3 MHz)
		3MHz	Channel 26705 (815.5 MHz)	Channel 26740 (819 MHz)	Channel 26775 (822.5 MHz)
		5MHz	Channel 26715 (816.5 MHz)	Channel 26740 (819 MHz)	Channel 26765 (821.5 MHz)
		10MHz	Channel 26740 (819 MHz)	Channel 26740 (819 MHz)	Channel 26740 (819 MHz)
	Receiver	1.4MHz	Channel 8697 (859.7 MHz)	Channel 8740 (864MHz)	Channel 8783 (868.3 MHz)
		3MHz	Channel 8705 (860.5 MHz)	Channel 8740 (864MHz)	Channel 8775 (867.5 MHz)
		5MHz	Channel 8715 (861.5 MHz)	Channel 8740 (864MHz)	Channel 8755 (866.5 MHz)
		10MHz	Channel 8740 (864MHz)	Channel 8740 (864MHz)	Channel 8740 (864MHz)
Band 26 (824-849)	Transmitter	1.4MHz	Channel 26797 (824.7MHz)	Channel 26915 (836.5MHz)	Channel 27033 (848.3MHz)
		3MHz	Channel 26805 (825.5MHz)	Channel 26915 (836.5MHz)	Channel 27025 (847.5MHz)
		5MHz	Channel 26815 (826.5MHz)	Channel 26915 (836.5MHz)	Channel 27015 (846.5MHz)

		10MHz	Channel 26840 (829MHz)	Channel 26915 (836.5MHz)	Channel 26990 (844MHz)
		15MHz	Channel 26865 (831.5MHz)	Channel 26915 (836.5MHz)	Channel 26965 (841.5MHz)
	Receiver	1.4MHz	Channel 8697 (859.7MHz)	Channel 8915 (881.5MHz)	Channel 9033 (893.3MHz)
		3MHz	Channel 8805 (860.5MHz)	Channel 8915 (881.5MHz)	Channel 9025 (892.5MHz)
		5MHz	Channel 8815 (871.5MHz)	Channel 8915 (881.5MHz)	Channel 9015 (891.5MHz)
		10MHz	Channel 8840 (874MHz)	Channel 8915 (881.5MHz)	Channel 8990 (889MHz)
		15MHz	Channel 8865 (876.5MHz)	Channel 8915 (881.5MHz)	Channel 8965 (886.5MHz)
Band 38	Transmitter & Receiver	5MHz	Channel 37775 (2572.5MHz)	Channel 38000 (2595MHz)	Channel 38225 (2617.5MHz)
		10MHz	Channel 37800 (2575MHz)	Channel 38000 (2595MHz)	Channel 38200 (2615MHz)
		15MHz	Channel 37825 (2577.5MHz)	Channel 38000 (2595MHz)	Channel 38175 (2612.5MHz)
		20MHz	Channel 37850 (2580MHz)	Channel 38000 (2595MHz)	Channel 38150 (2610MHz)
Band 41	Transmitter & Receiver	5MHz	Channel 39675 (2498.5MHz)	Channel 40620 (2593MHz)	Channel 41565 (2687.5MHz)
		10MHz	Channel 39700 (2501MHz)	Channel 40620 (2593MHz)	Channel 41540 (2685MHz)
		15MHz	Channel 39725 (2503.5MHz)	Channel 40620 (2593MHz)	Channel 41515 (2682.5MHz)
		20MHz	Channel 39750 (2506MHz)	Channel 40620 (2593MHz)	Channel 41490 (2680MHz)

2.3. Accessories of EUT

Description of Accessories	Manufacturer	Model number	Description	Remark
Adapter	GVE	GM262-3200780-1F	N/A	N/A

2.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	EMC Compliance	SN
Notebook	Lenovo Beijing Co. Ltd.	ThinkPad T450	FCC/CE	SL10H72009

2.5. Block diagram of EUT configuration for test



2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Condition	Normal Condition	Extreme Condition
Pressure range	86-106KPa	N/A
Relative Humidity	30-75%	N/A
Temperature(°C)	NT: 25°C	N/A
Voltage(V)	NV: 25.55V	N/A

Note: N/A: Not Applicable

NV: Normal Voltage

LV: Low Extreme Test Voltage

HV: High Extreme Test Voltage

NT: Normal Temperature

LT: Low Extreme Test Temperature

HT: High Extreme Test Temperature

2.7. Worst-case Configuration and Test Mode

2.7.1. Worst-case Radiated test

-The EUT was tested in three orthogonal planes(X, Y, Z) and in all possible test configurations and positioning.

-All modes of operation were investigated and the worst-case configuration results are reports. In the case of radiated spurious emissions, only result that confirmed the maximum radiated power was reported

-The worst case is reported with the EUT positioning, modulations, and paging service configurations shown in the test data.

-All modes of operation were tested and the worst case results are reported.

-Below table show the test details:

Test Item	Test Mode	Band ®	Channel	Modulation	Bandwidth
Field Strength of Spurious Radiation	Mode1	LTE Band 2	L/M/H	QPSK/16QAM	1.4/3/5/10/15/20MHz
	Mode2	LTE Band 4	L/M/H	QPSK/16QAM	1.4/3/5/10/15/20MHz
	Mode3	LTE Band 5	L/M/H	QPSK/16QAM	1.4/3/5/10MHz
	Mode4	LTE Band 7	L/M/H	QPSK/16QAM	5/10/15/20MHz
	Mode5	LTE Band 12	L/M/H	QPSK/16QAM	1.4/3/5/10MHz
	Mode6	LTE Band 13	M	QPSK/16QAM	5/10MHz
	Mode7	LTE Band 25	L/M/H	QPSK/16QAM	1.4/3/5/10/15/20MHz
	Mode8	LTE Band 26 (814-824)	M	QPSK/16QAM	1.4/3/5/10MHz
	Mode9	LTE Band 26 (824-849)	L/M/H	QPSK/16QAM	1.4/3/5/10/15MHz
	Mode10	LTE Band 38	L/M/H	QPSK/16QAM	5/10/15/20MHz
	Mode11	LTE Band 41	L/M/H	QPSK/16QAM	5/10/15/20MHz
	Mode12	LTE Band+WIFI_2	L/M/H	QPSK/16QAM+ DSSS/OFDM	All bandwidth

2.8. Test laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area,
Tianjin, China., 300385

Tel: +86-22-58038033, <http://www.ddttest.com>, Email: ddt@dgddt.com

NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

3. Description of Tests

3.1. Radiated Power (ERP/EIRP)

Test Procedure: FCC KDB 971168 D01 V03r01.

Note: Refer test setup 1.

Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) measurements are calculated by adding highest antenna gain to maximum measured conducted output power.

All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

a) The transmitter antenna port was connected to a Base Station Simulator through the calibrated coaxial cable.

b) Setup the Base Station Simulator to force the transmitter to the maximum power setting.

3) The tests were performed at three channels (low channel, middle channel and high channel) and on the highest power levels, which can be setup on the transmitters.

Calculate power in dBm by the following formula:

ERP (dBm) = Conducted Power (dBm) + antenna gain (dBd)

EIRP (dBm) = Conducted Power (dBm) + antenna gain (dBi)

EIRP=ERP+2.15dB

3.2. Field Strength of Spurious Radiation

Test Procedure: FCC KDB 971168 D01 V03r01.

Note: Refer test setup 2.

a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.

b) Each emission under consideration shall be evaluated:

1) Raise and lower the measurement antenna, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.

2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.

3) Return the turntable to the azimuth where the highest emission amplitude level was observed.

4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.

c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum

emissions amplitude.

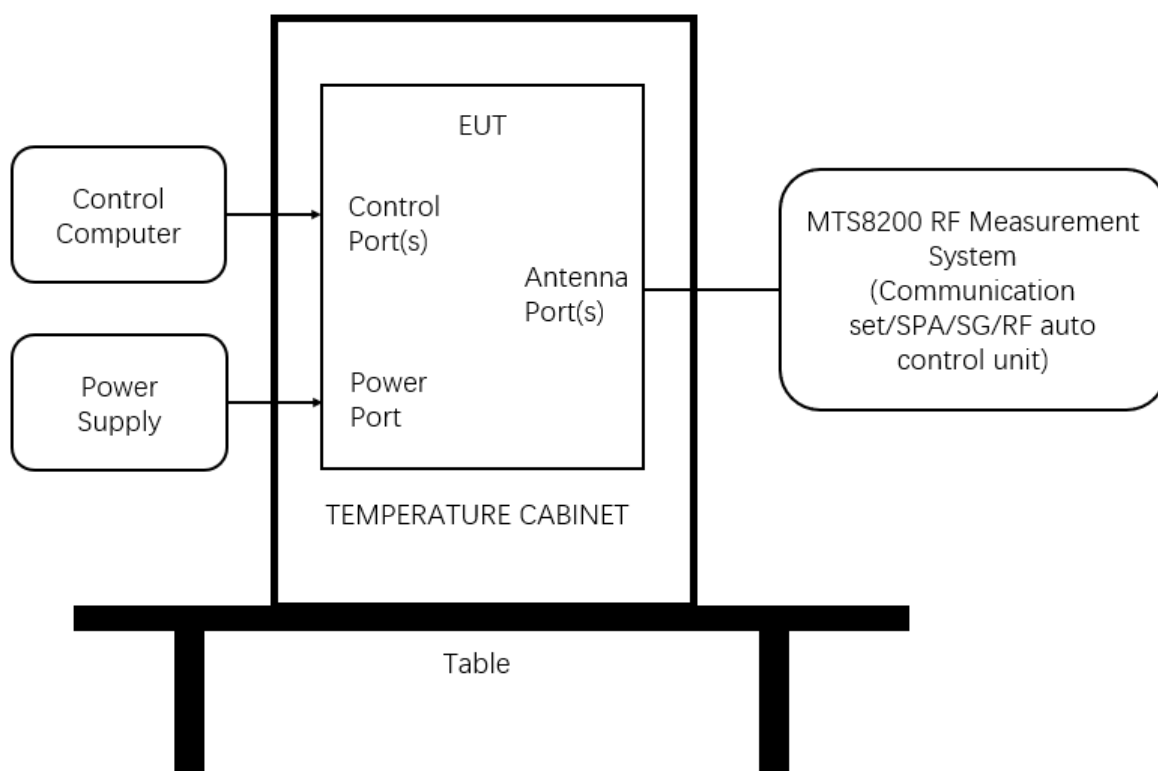
d) EIRP (dBm) = E (dBμV/m) + 20 log D – 104.8; where D is the measurement distance in meters.

e) Test the EUT in the lowest channel, the middle channel the Highest channel

f) The radiation measurements are performed in X, Y, Z axis positioning. Only the test worst case mode is recorded in the report.

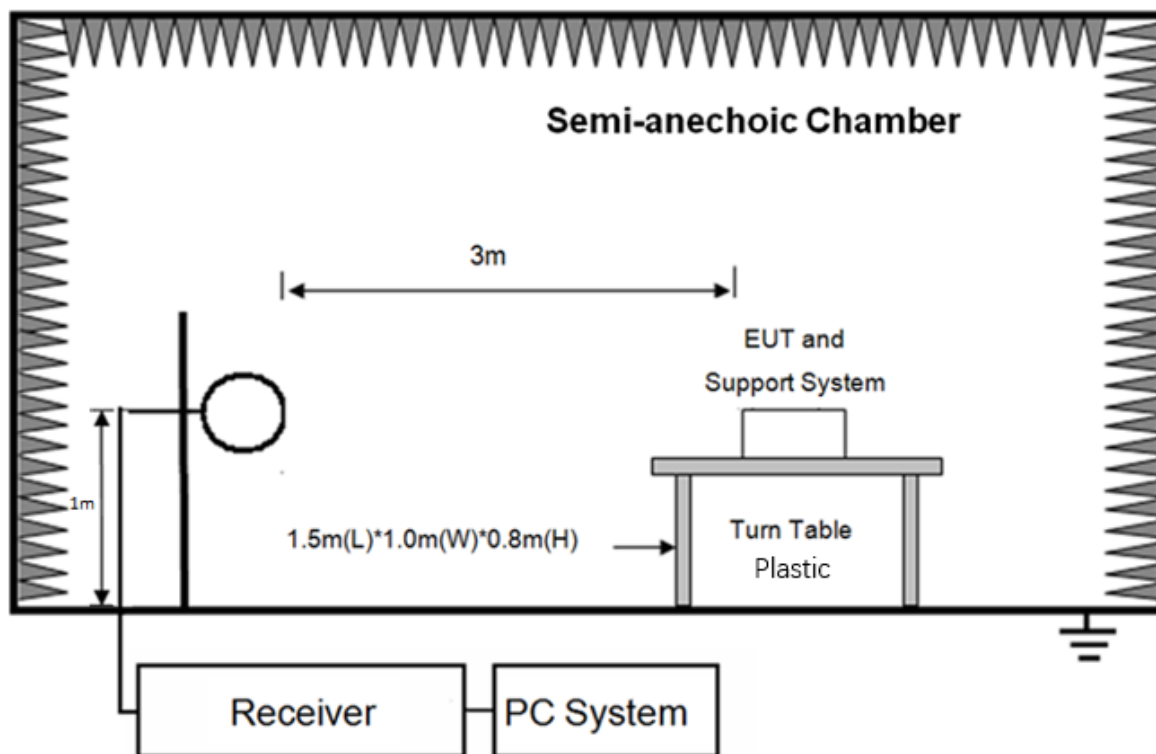
3.3. Test Setups

3.3.1. Test Setup 1

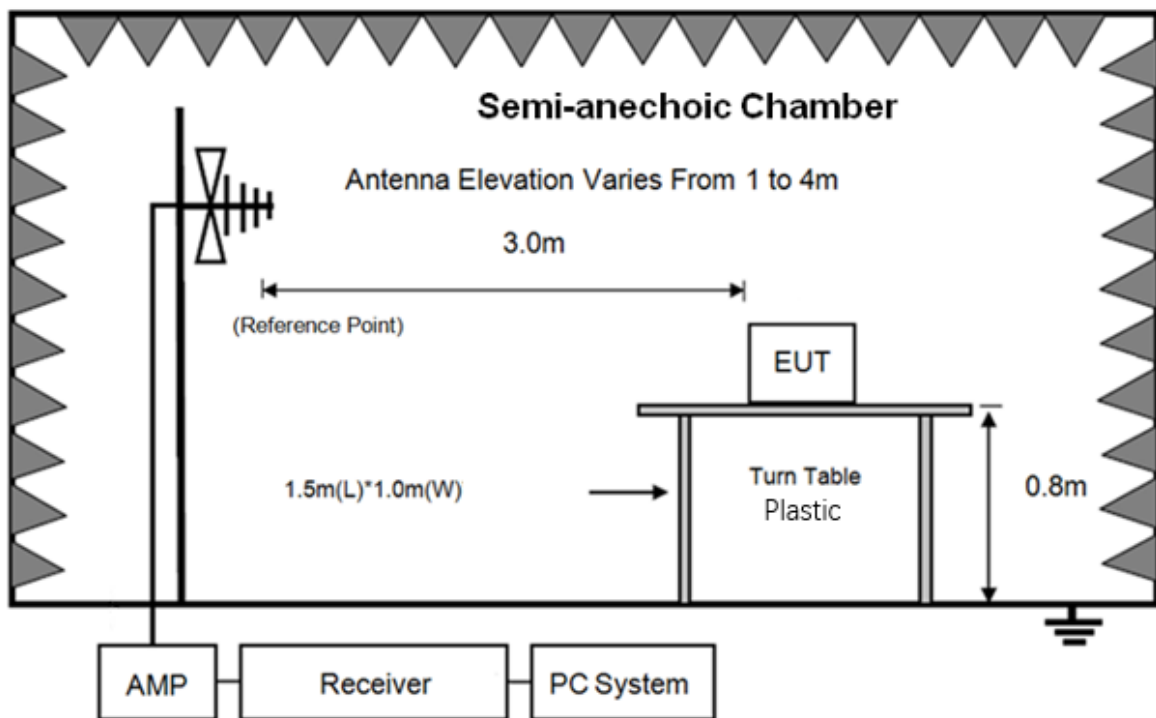


3.3.2. Test Setup 2

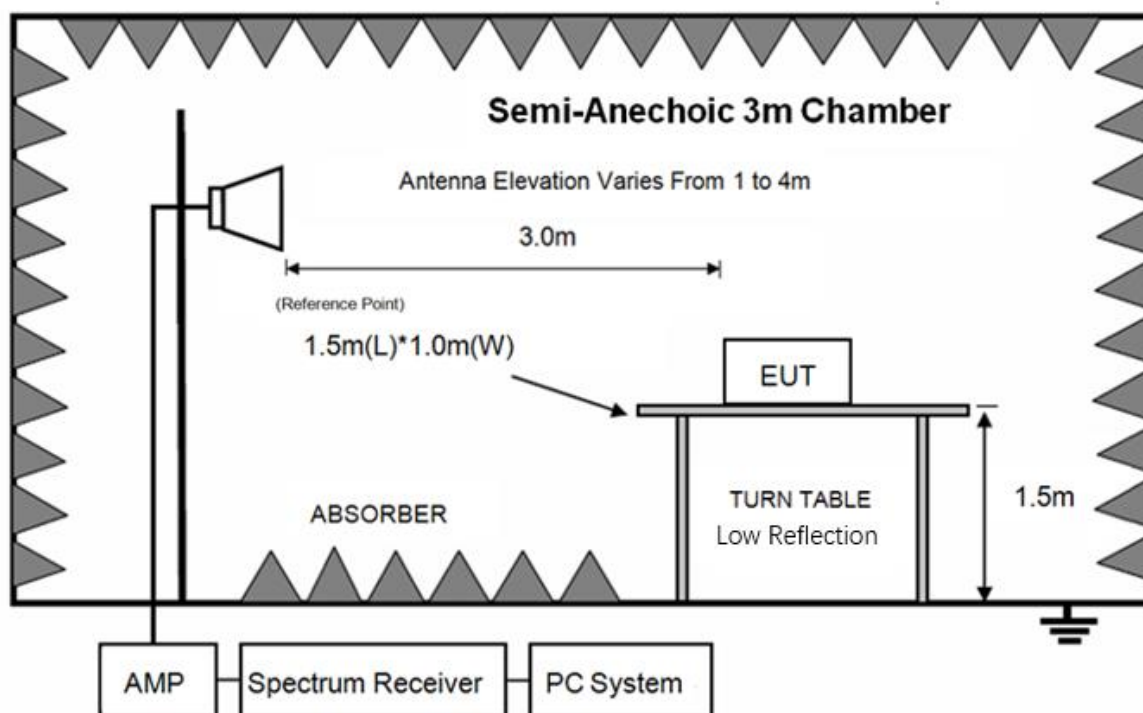
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz – 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



4. Measurement uncertainty

No.	Test Item	Uncertainty
1	Transmitter maximum output power	$\pm 0.7\text{dB}$
2	Radiated spurious emissions / Radiated emissions	$\pm 2.72\text{ dB}$ (30MHz-1GHz) $\pm 2.74\text{ dB}$ (1 - 6 GHz) $\pm 2.72\text{ dB}$ (6 GHz - 18 GHz) $\pm 3.54\text{ dB}$ (18 GHz - 26 GHz) $\pm 4.30\text{ dB}$ (26 GHz - 40 GHz)

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

5. Equipment Used During Test

Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EXA Signal Analyzer	Keysight	N9010A	MY53281492	2022/03/23	1 Year
RF SELECTOR	TOYO	NS4900	N/A	N/A	N/A
Band SELECTOR	TOYO	NS5800	N/A	N/A	N/A
Low noise amplifier	MITEQ	TPA0118-36	0914	2022/02/16	1 Year
Pre-amplifier	KANGMAIWEI	DPA8 1000 18000-1012	09211739	2023/02/16	1 Year
Test software	TOYO	EP5/RSE	Ver 1.9.1	N/A	N/A
Test software	Audix	E3	V 6.11111b	N/A	N/A
Active Loop Antenna	R&S	HFH2-Z2	100269	2022/07/11	2 Year
Broad Band Horn Antenna	Schwarzbeck	BBHA 9170	790	2022/05/06	2 Year
Broadband Horn Antenna	TESEQ	BHA 9118	31754	2021/10/12	2 Year
EMI Test Receiver	R&S	ESCI	101024	2022/03/03	1 Year
EMI Test Receiver	R&S	ESCI	101024	2023/02/15	1 Year
EMI Test Receiver	R&S	ESCI	101030	2022/03/29	1 Year
EMI Test Receiver	R&S	ESCI	101030	2023/02/15	1 Year
Bilog Antenna	TESEQ	CBL6112D	29068	2022/10/10	2 Year
Bilog Antenna	TESEQ	CBL6112D	29069	2022/10/10	2 Year
Amplifier	Sonoma	310N	300913	2022/02/15	1 Year
Amplifier	Sonoma	310N	300913	2023/02/15	1 Year
Amplifier	Sonoma	310N	300914	2022/02/15	1 Year
Amplifier	Sonoma	310N	334532	2023/02/16	1 Year
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector1	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector2	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector1	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector2	N/A	N/A
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	158800	2022/06/11	1 Year
Radio Communication	Anritsu	MT8821C	6262257930	2022/03/07	1 Year

Analyzer					
Radio Communication Analyzer	Anritsu	MT8821C	6262257930	2023/03/06	1 Year
Radio Communication Test Station	Anritsu	MT8000A	6262302490	2022/06/23	1 Year
Coupler-Antenna	European Antenna	PSA-7501R/170	406310-0001	N/A	N/A
tunable notch-filter 820/860Mhz	Wainwright	WRCT 820/860-0.4/40-5SSK	SN8	N/A	N/A
tunable notch-filter 840/920Mhz	Wainwright	WRCT 840/920-0.4/40-5SSK	SN9	N/A	N/A
tunable notch-filter 1700/1800Mhz	Wainwright	WRCD 1700/1800-0.2/40-5SSK	SN41	N/A	N/A
tunable notch-filter 1800/2000Mhz	Wainwright	WRCD 1800/2000-0.2/40-5SSK	SN31	N/A	N/A
band reject filter 1870/1890Mhz	Wainwright	WRCG 1877/1883-1870/1890-40/6EE	SN20	N/A	N/A
band reject filter 1940/1960Mhz	Wainwright	WRCG 1947/1953-1940/1960-40/6SS	SN28	N/A	N/A
band reject filter 2400/2483.5Mhz	Wainwright	WRCTF 2402/2480-2400/2483.5-35/12+9SS	SN42	N/A	N/A
Low pass filter 1.5Ghz	Wainwright	WLK1.5/18G-10SS	SN5	N/A	N/A
High pass filter 1.5G	Wainwright	WHKX1.5/15G-10SS	SN50	N/A	N/A
High pass filter 2.5G	Wainwright	WHKX 2.5/18G-12SS	SN5	N/A	N/A
High pass filter 3G	Kangmaiwei	ZHPF6-M3000-18000-996	03210746	N/A	N/A
High pass filter 6.5G	Kangmaiwei	ZHPF6-M6500-18000-547	03210747	N/A	N/A
High pass filter 1.0G	Kangmaiwei	ZHPF6-C1000-3000-548	11210354	N/A	N/A

6. Details Test Result

6.1. Radiated Power and Effective Isotropic Radiated Power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	22.13	2.54	24.67	33	PASS
Band2	1.4	18607	1	#Mid	QPSK	22.08	2.54	24.62	33	PASS
Band2	1.4	18607	1	#Max	QPSK	21.98	2.54	24.52	33	PASS
Band2	1.4	18607	3	#0	QPSK	22.15	2.54	24.69	33	PASS
Band2	1.4	18607	3	#Mid	QPSK	22.27	2.54	24.81	33	PASS
Band2	1.4	18607	3	#Max	QPSK	22.14	2.54	24.68	33	PASS
Band2	1.4	18607	6	#0	QPSK	21.17	2.54	23.71	33	PASS
Band2	1.4	18607	1	#0	QAM16	20.91	2.54	23.45	33	PASS
Band2	1.4	18607	1	#Mid	QAM16	21.27	2.54	23.81	33	PASS
Band2	1.4	18607	1	#Max	QAM16	21.12	2.54	23.66	33	PASS
Band2	1.4	18607	3	#0	QAM16	21.27	2.54	23.81	33	PASS
Band2	1.4	18607	3	#Mid	QAM16	21.4	2.54	23.94	33	PASS
Band2	1.4	18607	3	#Max	QAM16	21.37	2.54	23.91	33	PASS
Band2	1.4	18607	6	#0	QAM16	20.29	2.54	22.83	33	PASS
Band2	1.4	18900	1	#0	QPSK	22.37	2.54	24.91	33	PASS
Band2	1.4	18900	1	#Mid	QPSK	22.47	2.54	25.01	33	PASS
Band2	1.4	18900	1	#Max	QPSK	22.42	2.54	24.96	33	PASS
Band2	1.4	18900	3	#0	QPSK	22.26	2.54	24.8	33	PASS
Band2	1.4	18900	3	#Mid	QPSK	22.33	2.54	24.87	33	PASS
Band2	1.4	18900	3	#Max	QPSK	22.38	2.54	24.92	33	PASS
Band2	1.4	18900	6	#0	QPSK	21.46	2.54	24	33	PASS
Band2	1.4	18900	1	#0	QAM16	21.21	2.54	23.75	33	PASS
Band2	1.4	18900	1	#Mid	QAM16	21.34	2.54	23.88	33	PASS
Band2	1.4	18900	1	#Max	QAM16	21.24	2.54	23.78	33	PASS
Band2	1.4	18900	3	#0	QAM16	21.06	2.54	23.6	33	PASS
Band2	1.4	18900	3	#Mid	QAM16	21.14	2.54	23.68	33	PASS
Band2	1.4	18900	3	#Max	QAM16	21.07	2.54	23.61	33	PASS
Band2	1.4	18900	6	#0	QAM16	20.31	2.54	22.85	33	PASS
Band2	1.4	19193	1	#0	QPSK	21.5	2.54	24.04	33	PASS
Band2	1.4	19193	1	#Mid	QPSK	21.76	2.54	24.3	33	PASS
Band2	1.4	19193	1	#Max	QPSK	21.7	2.54	24.24	33	PASS
Band2	1.4	19193	3	#0	QPSK	22.24	2.54	24.78	33	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.29	2.54	24.83	33	PASS
Band2	1.4	19193	3	#Max	QPSK	22.3	2.54	24.84	33	PASS
Band2	1.4	19193	6	#0	QPSK	21.28	2.54	23.72	33	PASS
Band2	1.4	19193	1	#0	QAM16	21.05	2.54	23.59	33	PASS
Band2	1.4	19193	1	#Mid	QAM16	21.07	2.54	23.61	33	PASS
Band2	1.4	19193	1	#Max	QAM16	21.02	2.54	23.56	33	PASS
Band2	1.4	19193	3	#0	QAM16	21.03	2.54	23.57	33	PASS
Band2	1.4	19193	3	#Mid	QAM16	21.11	2.54	23.65	33	PASS
Band2	1.4	19193	3	#Max	QAM16	21.12	2.54	23.66	33	PASS
Band2	1.4	19193	6	#0	QAM16	20.28	2.54	22.82	33	PASS
Band2	3	18615	1	#0	QPSK	22.24	2.54	24.78	33	PASS
Band2	3	18615	1	#Mid	QPSK	22.42	2.54	24.96	33	PASS

Band2	3	18615	1	#Max	QPSK	22.32	2.54	24.86	33	PASS
Band2	3	18615	8	#0	QPSK	21.23	2.54	23.77	33	PASS
Band2	3	18615	8	#Mid	QPSK	21.25	2.54	23.79	33	PASS
Band2	3	18615	8	#Max	QPSK	21.3	2.54	23.84	33	PASS
Band2	3	18615	15	#0	QPSK	21.22	2.54	23.76	33	PASS
Band2	3	18615	1	#0	QAM16	21.62	2.54	24.16	33	PASS
Band2	3	18615	1	#Mid	QAM16	21.79	2.54	24.33	33	PASS
Band2	3	18615	1	#Max	QAM16	21.74	2.54	24.28	33	PASS
Band2	3	18615	8	#0	QAM16	20.52	2.54	23.06	33	PASS
Band2	3	18615	8	#Mid	QAM16	20.56	2.54	23.1	33	PASS
Band2	3	18615	8	#Max	QAM16	20.52	2.54	23.06	33	PASS
Band2	3	18615	15	#0	QAM16	20.22	2.54	22.76	33	PASS
Band2	3	18900	1	#0	QPSK	22.3	2.54	24.84	33	PASS
Band2	3	18900	1	#Mid	QPSK	22.39	2.54	24.93	33	PASS
Band2	3	18900	1	#Max	QPSK	22.36	2.54	24.9	33	PASS
Band2	3	18900	8	#0	QPSK	21.34	2.54	23.88	33	PASS
Band2	3	18900	8	#Mid	QPSK	21.39	2.54	23.93	33	PASS
Band2	3	18900	8	#Max	QPSK	21.37	2.54	23.91	33	PASS
Band2	3	18900	15	#0	QPSK	21.31	2.54	23.85	33	PASS
Band2	3	18900	1	#0	QAM16	20.91	2.54	23.45	33	PASS
Band2	3	18900	1	#Mid	QAM16	21.17	2.54	23.71	33	PASS
Band2	3	18900	1	#Max	QAM16	21.07	2.54	23.61	33	PASS
Band2	3	18900	8	#0	QAM16	20.02	2.54	22.56	33	PASS
Band2	3	18900	8	#Mid	QAM16	20.09	2.54	22.63	33	PASS
Band2	3	18900	8	#Max	QAM16	20.14	2.54	22.68	33	PASS
Band2	3	18900	15	#0	QAM16	20.23	2.54	22.77	33	PASS
Band2	3	19185	1	#0	QPSK	21.14	2.54	23.68	33	PASS
Band2	3	19185	1	#Mid	QPSK	21.28	2.54	23.82	33	PASS
Band2	3	19185	1	#Max	QPSK	21.24	2.54	23.78	33	PASS
Band2	3	19185	8	#0	QPSK	21.05	2.54	23.59	33	PASS
Band2	3	19185	8	#Mid	QPSK	20.81	2.54	23.35	33	PASS
Band2	3	19185	8	#Max	QPSK	21.15	2.54	23.69	33	PASS
Band2	3	19185	15	#0	QPSK	21.02	2.54	23.56	33	PASS
Band2	3	19185	1	#0	QAM16	21.03	2.54	23.57	33	PASS
Band2	3	19185	1	#Mid	QAM16	21.02	2.54	23.56	33	PASS
Band2	3	19185	1	#Max	QAM16	20.94	2.54	23.48	33	PASS
Band2	3	19185	8	#0	QAM16	20.25	2.54	22.79	33	PASS
Band2	3	19185	8	#Mid	QAM16	20.31	2.54	22.85	33	PASS
Band2	3	19185	8	#Max	QAM16	20.34	2.54	22.88	33	PASS
Band2	3	19185	15	#0	QAM16	20.13	2.54	22.67	33	PASS
Band2	5	18625	1	#0	QPSK	21.95	2.54	24.49	33	PASS
Band2	5	18625	1	#Mid	QPSK	22.47	2.54	25.01	33	PASS
Band2	5	18625	1	#Max	QPSK	22.16	2.54	24.7	33	PASS
Band2	5	18625	12	#0	QPSK	21.11	2.54	23.65	33	PASS
Band2	5	18625	12	#Mid	QPSK	21.22	2.54	23.76	33	PASS
Band2	5	18625	12	#Max	QPSK	21.16	2.54	23.7	33	PASS
Band2	5	18625	25	#0	QPSK	21.09	2.54	23.63	33	PASS
Band2	5	18625	1	#0	QAM16	21.12	2.54	23.66	33	PASS
Band2	5	18625	1	#Mid	QAM16	21.09	2.54	23.63	33	PASS
Band2	5	18625	1	#Max	QAM16	21.02	2.54	23.56	33	PASS
Band2	5	18625	12	#0	QAM16	19.87	2.54	22.41	33	PASS
Band2	5	18625	12	#Mid	QAM16	19.92	2.54	22.46	33	PASS

Band2	5	18625	12	#Max	QAM16	19.97	2.54	22.51	33	PASS
Band2	5	18625	25	#0	QAM16	19.93	2.54	22.47	33	PASS
Band2	5	18900	1	#0	QPSK	22.22	2.54	24.76	33	PASS
Band2	5	18900	1	#Mid	QPSK	22.49	2.54	25.03	33	PASS
Band2	5	18900	1	#Max	QPSK	22.2	2.54	24.74	33	PASS
Band2	5	18900	12	#0	QPSK	21.22	2.54	23.76	33	PASS
Band2	5	18900	12	#Mid	QPSK	21.32	2.54	23.86	33	PASS
Band2	5	18900	12	#Max	QPSK	21.26	2.54	23.8	33	PASS
Band2	5	18900	25	#0	QPSK	21.16	2.54	23.7	33	PASS
Band2	5	18900	1	#0	QAM16	21.22	2.54	23.76	33	PASS
Band2	5	18900	1	#Mid	QAM16	21.41	2.54	23.95	33	PASS
Band2	5	18900	1	#Max	QAM16	21.13	2.54	23.67	33	PASS
Band2	5	18900	12	#0	QAM16	20.11	2.54	22.65	33	PASS
Band2	5	18900	12	#Mid	QAM16	20.22	2.54	22.76	33	PASS
Band2	5	18900	12	#Max	QAM16	20.15	2.54	22.69	33	PASS
Band2	5	18900	25	#0	QAM16	20.21	2.54	22.75	33	PASS
Band2	5	19175	1	#0	QPSK	21.2	2.54	23.74	33	PASS
Band2	5	19175	1	#Mid	QPSK	21.96	2.54	24.5	33	PASS
Band2	5	19175	1	#Max	QPSK	21.25	2.54	23.79	33	PASS
Band2	5	19175	12	#0	QPSK	20.94	2.54	23.48	33	PASS
Band2	5	19175	12	#Mid	QPSK	21.26	2.54	23.8	33	PASS
Band2	5	19175	12	#Max	QPSK	20.75	2.54	23.29	33	PASS
Band2	5	19175	25	#0	QPSK	21.27	2.54	23.81	33	PASS
Band2	5	19175	1	#0	QAM16	21.27	2.54	23.81	33	PASS
Band2	5	19175	1	#Mid	QAM16	21.21	2.54	23.75	33	PASS
Band2	5	19175	1	#Max	QAM16	21.13	2.54	23.67	33	PASS
Band2	5	19175	12	#0	QAM16	20.12	2.54	22.66	33	PASS
Band2	5	19175	12	#Mid	QAM16	20.21	2.54	22.75	33	PASS
Band2	5	19175	12	#Max	QAM16	20.2	2.54	22.74	33	PASS
Band2	5	19175	25	#0	QAM16	20.22	2.54	22.76	33	PASS
Band2	10	18650	1	#0	QPSK	22.21	2.54	24.75	33	PASS
Band2	10	18650	1	#Mid	QPSK	22.2	2.54	24.74	33	PASS
Band2	10	18650	1	#Max	QPSK	21.83	2.54	24.37	33	PASS
Band2	10	18650	25	#0	QPSK	21.03	2.54	23.57	33	PASS
Band2	10	18650	25	#Mid	QPSK	21.1	2.54	23.64	33	PASS
Band2	10	18650	25	#Max	QPSK	21.02	2.54	23.56	33	PASS
Band2	10	18650	50	#0	QPSK	20.97	2.54	23.51	33	PASS
Band2	10	18650	1	#0	QAM16	21.48	2.54	24.02	33	PASS
Band2	10	18650	1	#Mid	QAM16	21.6	2.54	24.14	33	PASS
Band2	10	18650	1	#Max	QAM16	21.28	2.54	23.82	33	PASS
Band2	10	18650	25	#0	QAM16	20.04	2.54	22.58	33	PASS
Band2	10	18650	25	#Mid	QAM16	20.19	2.54	22.73	33	PASS
Band2	10	18650	25	#Max	QAM16	20.11	2.54	22.65	33	PASS
Band2	10	18650	50	#0	QAM16	20.04	2.54	22.58	33	PASS
Band2	10	18900	1	#0	QPSK	22.29	2.54	24.83	33	PASS
Band2	10	18900	1	#Mid	QPSK	22.4	2.54	24.94	33	PASS
Band2	10	18900	1	#Max	QPSK	22.13	2.54	24.67	33	PASS
Band2	10	18900	25	#0	QPSK	21.23	2.54	23.77	33	PASS
Band2	10	18900	25	#Mid	QPSK	21.33	2.54	23.87	33	PASS
Band2	10	18900	25	#Max	QPSK	21.13	2.54	23.67	33	PASS
Band2	10	18900	50	#0	QPSK	21.14	2.54	23.68	33	PASS
Band2	10	18900	1	#0	QAM16	20.99	2.54	23.53	33	PASS

Band2	10	18900	1	#Mid	QAM16	20.96	2.54	23.5	33	PASS
Band2	10	18900	1	#Max	QAM16	20.34	2.54	22.88	33	PASS
Band2	10	18900	25	#0	QAM16	20.22	2.54	22.76	33	PASS
Band2	10	18900	25	#Mid	QAM16	20.52	2.54	23.06	33	PASS
Band2	10	18900	25	#Max	QAM16	20.38	2.54	22.92	33	PASS
Band2	10	18900	50	#0	QAM16	20.32	2.54	22.86	33	PASS
Band2	10	19150	1	#0	QPSK	21.79	2.54	24.33	33	PASS
Band2	10	19150	1	#Mid	QPSK	21.71	2.54	24.25	33	PASS
Band2	10	19150	1	#Max	QPSK	21.24	2.54	23.78	33	PASS
Band2	10	19150	25	#0	QPSK	21.07	2.54	23.61	33	PASS
Band2	10	19150	25	#Mid	QPSK	21.16	2.54	23.7	33	PASS
Band2	10	19150	25	#Max	QPSK	21.06	2.54	23.6	33	PASS
Band2	10	19150	50	#0	QPSK	21.07	2.54	23.61	33	PASS
Band2	10	19150	1	#0	QAM16	21.07	2.54	23.61	33	PASS
Band2	10	19150	1	#Mid	QAM16	21.34	2.54	23.88	33	PASS
Band2	10	19150	1	#Max	QAM16	21	2.54	23.54	33	PASS
Band2	10	19150	25	#0	QAM16	20.31	2.54	22.85	33	PASS
Band2	10	19150	25	#Mid	QAM16	20.47	2.54	23.01	33	PASS
Band2	10	19150	25	#Max	QAM16	20.46	2.54	23	33	PASS
Band2	10	19150	50	#0	QAM16	20.26	2.54	22.8	33	PASS
Band2	15	18675	1	#0	QPSK	21.99	2.54	24.53	33	PASS
Band2	15	18675	1	#Mid	QPSK	22.39	2.54	24.93	33	PASS
Band2	15	18675	1	#Max	QPSK	22.13	2.54	24.67	33	PASS
Band2	15	18675	36	#0	QPSK	21.13	2.54	23.67	33	PASS
Band2	15	18675	36	#Mid	QPSK	21.15	2.54	23.69	33	PASS
Band2	15	18675	36	#Max	QPSK	21.05	2.54	23.59	33	PASS
Band2	15	18675	75	#0	QPSK	21.1	2.54	23.64	33	PASS
Band2	15	18675	1	#0	QAM16	21.6	2.54	24.14	33	PASS
Band2	15	18675	1	#Mid	QAM16	22.24	2.54	24.78	33	PASS
Band2	15	18675	1	#Max	QAM16	21.63	2.54	24.17	33	PASS
Band2	15	18675	36	#0	QAM16	20.24	2.54	22.78	33	PASS
Band2	15	18675	36	#Mid	QAM16	20.26	2.54	22.8	33	PASS
Band2	15	18675	36	#Max	QAM16	20.05	2.54	22.59	33	PASS
Band2	15	18675	75	#0	QAM16	20.07	2.54	22.61	33	PASS
Band2	15	18900	1	#0	QPSK	22.32	2.54	24.86	33	PASS
Band2	15	18900	1	#Mid	QPSK	22.41	2.54	24.95	33	PASS
Band2	15	18900	1	#Max	QPSK	22.11	2.54	24.65	33	PASS
Band2	15	18900	36	#0	QPSK	21.19	2.54	23.73	33	PASS
Band2	15	18900	36	#Mid	QPSK	21.31	2.54	23.85	33	PASS
Band2	15	18900	36	#Max	QPSK	21.24	2.54	23.78	33	PASS
Band2	15	18900	75	#0	QPSK	21.14	2.54	23.68	33	PASS
Band2	15	18900	1	#0	QAM16	21.11	2.54	23.65	33	PASS
Band2	15	18900	1	#Mid	QAM16	21.27	2.54	23.81	33	PASS
Band2	15	18900	1	#Max	QAM16	20.68	2.54	23.22	33	PASS
Band2	15	18900	36	#0	QAM16	20.22	2.54	22.76	33	PASS
Band2	15	18900	36	#Mid	QAM16	20.56	2.54	23.1	33	PASS
Band2	15	18900	36	#Max	QAM16	20.29	2.54	22.83	33	PASS
Band2	15	18900	75	#0	QAM16	20.2	2.54	22.74	33	PASS
Band2	15	19125	1	#0	QPSK	21.7	2.54	24.24	33	PASS
Band2	15	19125	1	#Mid	QPSK	21.41	2.54	23.95	33	PASS
Band2	15	19125	1	#Max	QPSK	21.19	2.54	23.73	33	PASS
Band2	15	19125	36	#0	QPSK	20.78	2.54	23.32	33	PASS

Band2	15	19125	36	#Mid	QPSK	21.04	2.54	23.58	33	PASS
Band2	15	19125	36	#Max	QPSK	20.27	2.54	22.81	33	PASS
Band2	15	19125	75	#0	QPSK	21.25	2.54	23.79	33	PASS
Band2	15	19125	1	#0	QAM16	21.48	2.54	24.02	33	PASS
Band2	15	19125	1	#Mid	QAM16	21.76	2.54	24.3	33	PASS
Band2	15	19125	1	#Max	QAM16	21.45	2.54	23.99	33	PASS
Band2	15	19125	36	#0	QAM16	20.26	2.54	22.8	33	PASS
Band2	15	19125	36	#Mid	QAM16	20.25	2.54	22.79	33	PASS
Band2	15	19125	36	#Max	QAM16	20.17	2.54	22.71	33	PASS
Band2	15	19125	75	#0	QAM16	20.2	2.54	22.74	33	PASS
Band2	20	18700	1	#0	QPSK	21.79	2.54	24.33	33	PASS
Band2	20	18700	1	#Mid	QPSK	22.28	2.54	24.82	33	PASS
Band2	20	18700	1	#Max	QPSK	21.97	2.54	24.51	33	PASS
Band2	20	18700	50	#0	QPSK	21.03	2.54	23.57	33	PASS
Band2	20	18700	50	#Mid	QPSK	21.07	2.54	23.61	33	PASS
Band2	20	18700	50	#Max	QPSK	21.2	2.54	23.74	33	PASS
Band2	20	18700	100	#0	QPSK	21.24	2.54	23.78	33	PASS
Band2	20	18700	1	#0	QAM16	21.05	2.54	23.59	33	PASS
Band2	20	18700	1	#Mid	QAM16	21.05	2.54	23.59	33	PASS
Band2	20	18700	1	#Max	QAM16	20.53	2.54	23.07	33	PASS
Band2	20	18700	50	#0	QAM16	20.29	2.54	22.83	33	PASS
Band2	20	18700	50	#Mid	QAM16	20.37	2.54	22.91	33	PASS
Band2	20	18700	50	#Max	QAM16	20.34	2.54	22.88	33	PASS
Band2	20	18700	100	#0	QAM16	20.33	2.54	22.87	33	PASS
Band2	20	18900	1	#0	QPSK	22.39	2.54	24.93	33	PASS
Band2	20	18900	1	#Mid	QPSK	22.64	2.54	25.18	33	PASS
Band2	20	18900	1	#Max	QPSK	22.3	2.54	24.84	33	PASS
Band2	20	18900	50	#0	QPSK	21.05	2.54	23.59	33	PASS
Band2	20	18900	50	#Mid	QPSK	21.25	2.54	23.79	33	PASS
Band2	20	18900	50	#Max	QPSK	21.16	2.54	23.7	33	PASS
Band2	20	18900	100	#0	QPSK	21.06	2.54	23.6	33	PASS
Band2	20	18900	1	#0	QAM16	21.19	2.54	23.73	33	PASS
Band2	20	18900	1	#Mid	QAM16	20.97	2.54	23.51	33	PASS
Band2	20	18900	1	#Max	QAM16	20.71	2.54	23.25	33	PASS
Band2	20	18900	50	#0	QAM16	20.02	2.54	22.56	33	PASS
Band2	20	18900	50	#Mid	QAM16	20.24	2.54	22.78	33	PASS
Band2	20	18900	50	#Max	QAM16	20.24	2.54	22.78	33	PASS
Band2	20	18900	100	#0	QAM16	20.06	2.54	22.6	33	PASS
Band2	20	19100	1	#0	QPSK	21.57	2.54	24.11	33	PASS
Band2	20	19100	1	#Mid	QPSK	21.43	2.54	23.97	33	PASS
Band2	20	19100	1	#Max	QPSK	21.16	2.54	23.7	33	PASS
Band2	20	19100	50	#0	QPSK	21.25	2.54	23.79	33	PASS
Band2	20	19100	50	#Mid	QPSK	21.16	2.54	23.7	33	PASS
Band2	20	19100	50	#Max	QPSK	21.15	2.54	23.69	33	PASS
Band2	20	19100	100	#0	QPSK	21.03	2.54	23.57	33	PASS
Band2	20	19100	1	#0	QAM16	20.9	2.54	23.44	33	PASS
Band2	20	19100	1	#Mid	QAM16	20.85	2.54	23.39	33	PASS
Band2	20	19100	1	#Max	QAM16	20.49	2.54	23.03	33	PASS
Band2	20	19100	50	#0	QAM16	20.32	2.54	22.86	33	PASS
Band2	20	19100	50	#Mid	QAM16	20.25	2.54	22.79	33	PASS
Band2	20	19100	50	#Max	QAM16	20.22	2.54	22.76	33	PASS
Band2	20	19100	100	#0	QAM16	20.26	2.54	22.8	33	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.48	2.25	24.73	30	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.45	2.25	24.7	30	PASS
Band4	1.4	19957	1	#Max	QPSK	22.44	2.25	24.69	30	PASS
Band4	1.4	19957	3	#0	QPSK	22.56	2.25	24.81	30	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.59	2.25	24.84	30	PASS
Band4	1.4	19957	3	#Max	QPSK	22.55	2.25	24.8	30	PASS
Band4	1.4	19957	6	#0	QPSK	21.58	2.25	23.83	30	PASS
Band4	1.4	19957	1	#0	QAM16	21.51	2.25	23.76	30	PASS
Band4	1.4	19957	1	#Mid	QAM16	21.49	2.25	23.74	30	PASS
Band4	1.4	19957	1	#Max	QAM16	21.45	2.25	23.7	30	PASS
Band4	1.4	19957	3	#0	QAM16	21.37	2.25	23.62	30	PASS
Band4	1.4	19957	3	#Mid	QAM16	21.41	2.25	23.66	30	PASS
Band4	1.4	19957	3	#Max	QAM16	21.39	2.25	23.64	30	PASS
Band4	1.4	19957	6	#0	QAM16	20.54	2.25	22.79	30	PASS
Band4	1.4	20175	1	#0	QPSK	22.59	2.25	24.84	30	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.6	2.25	24.85	30	PASS
Band4	1.4	20175	1	#Max	QPSK	22.44	2.25	24.69	30	PASS
Band4	1.4	20175	3	#0	QPSK	22.61	2.25	24.86	30	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.66	2.25	24.91	30	PASS
Band4	1.4	20175	3	#Max	QPSK	22.64	2.25	24.89	30	PASS
Band4	1.4	20175	6	#0	QPSK	21.75	2.25	24	30	PASS
Band4	1.4	20175	1	#0	QAM16	21.55	2.25	23.8	30	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.02	2.25	24.27	30	PASS
Band4	1.4	20175	1	#Max	QAM16	21.81	2.25	24.06	30	PASS
Band4	1.4	20175	3	#0	QAM16	21.95	2.25	24.2	30	PASS
Band4	1.4	20175	3	#Mid	QAM16	21.99	2.25	24.24	30	PASS
Band4	1.4	20175	3	#Max	QAM16	22.06	2.25	24.31	30	PASS
Band4	1.4	20175	6	#0	QAM16	21	2.25	23.25	30	PASS
Band4	1.4	20393	1	#0	QPSK	21.41	2.25	23.66	30	PASS
Band4	1.4	20393	1	#Mid	QPSK	21.51	2.25	23.76	30	PASS
Band4	1.4	20393	1	#Max	QPSK	21.45	2.25	23.7	30	PASS
Band4	1.4	20393	3	#0	QPSK	22.04	2.25	24.29	30	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.07	2.25	24.32	30	PASS
Band4	1.4	20393	3	#Max	QPSK	22.12	2.25	24.37	30	PASS
Band4	1.4	20393	6	#0	QPSK	20.78	2.25	23.03	30	PASS
Band4	1.4	20393	1	#0	QAM16	21.51	2.25	23.76	30	PASS
Band4	1.4	20393	1	#Mid	QAM16	21.48	2.25	23.73	30	PASS
Band4	1.4	20393	1	#Max	QAM16	21.49	2.25	23.74	30	PASS
Band4	1.4	20393	3	#0	QAM16	21.57	2.25	23.82	30	PASS
Band4	1.4	20393	3	#Mid	QAM16	21.62	2.25	23.87	30	PASS
Band4	1.4	20393	3	#Max	QAM16	21.69	2.25	23.94	30	PASS
Band4	1.4	20393	6	#0	QAM16	20.71	2.25	22.96	30	PASS
Band4	3	19965	1	#0	QPSK	22.56	2.25	24.81	30	PASS
Band4	3	19965	1	#Mid	QPSK	22.72	2.25	24.97	30	PASS
Band4	3	19965	1	#Max	QPSK	22.63	2.25	24.88	30	PASS
Band4	3	19965	8	#0	QPSK	21.85	2.25	24.1	30	PASS
Band4	3	19965	8	#Mid	QPSK	21.78	2.25	24.03	30	PASS
Band4	3	19965	8	#Max	QPSK	21.72	2.25	23.97	30	PASS
Band4	3	19965	15	#0	QPSK	21.72	2.25	23.97	30	PASS

Band4	3	19965	1	#0	QAM16	22.22	2.25	24.47	30	PASS
Band4	3	19965	1	#Mid	QAM16	22.22	2.25	24.47	30	PASS
Band4	3	19965	1	#Max	QAM16	21.97	2.25	24.22	30	PASS
Band4	3	19965	8	#0	QAM16	20.64	2.25	22.89	30	PASS
Band4	3	19965	8	#Mid	QAM16	20.66	2.25	22.91	30	PASS
Band4	3	19965	8	#Max	QAM16	20.7	2.25	22.95	30	PASS
Band4	3	19965	15	#0	QAM16	20.65	2.25	22.9	30	PASS
Band4	3	20175	1	#0	QPSK	22.65	2.25	24.9	30	PASS
Band4	3	20175	1	#Mid	QPSK	22.42	2.25	24.67	30	PASS
Band4	3	20175	1	#Max	QPSK	22.7	2.25	24.95	30	PASS
Band4	3	20175	8	#0	QPSK	21.98	2.25	24.23	30	PASS
Band4	3	20175	8	#Mid	QPSK	21.86	2.25	24.11	30	PASS
Band4	3	20175	8	#Max	QPSK	21.8	2.25	24.05	30	PASS
Band4	3	20175	15	#0	QPSK	21.84	2.25	24.09	30	PASS
Band4	3	20175	1	#0	QAM16	21.38	2.25	23.63	30	PASS
Band4	3	20175	1	#Mid	QAM16	21.33	2.25	23.58	30	PASS
Band4	3	20175	1	#Max	QAM16	21.28	2.25	23.53	30	PASS
Band4	3	20175	8	#0	QAM16	20.57	2.25	22.82	30	PASS
Band4	3	20175	8	#Mid	QAM16	20.56	2.25	22.81	30	PASS
Band4	3	20175	8	#Max	QAM16	20.48	2.25	22.73	30	PASS
Band4	3	20175	15	#0	QAM16	20.57	2.25	22.82	30	PASS
Band4	3	20385	1	#0	QPSK	21.47	2.25	23.72	30	PASS
Band4	3	20385	1	#Mid	QPSK	21.56	2.25	23.81	30	PASS
Band4	3	20385	1	#Max	QPSK	21.57	2.25	23.82	30	PASS
Band4	3	20385	8	#0	QPSK	20.7	2.25	22.95	30	PASS
Band4	3	20385	8	#Mid	QPSK	20.7	2.25	22.95	30	PASS
Band4	3	20385	8	#Max	QPSK	21.08	2.25	23.73	30	PASS
Band4	3	20385	15	#0	QPSK	21.05	2.25	23.3	30	PASS
Band4	3	20385	1	#0	QAM16	21.56	2.25	23.81	30	PASS
Band4	3	20385	1	#Mid	QAM16	21.71	2.25	23.96	30	PASS
Band4	3	20385	1	#Max	QAM16	21.72	2.25	23.97	30	PASS
Band4	3	20385	8	#0	QAM16	20.46	2.25	22.71	30	PASS
Band4	3	20385	8	#Mid	QAM16	20.45	2.25	22.7	30	PASS
Band4	3	20385	8	#Max	QAM16	20.55	2.25	22.8	30	PASS
Band4	3	20385	15	#0	QAM16	20.58	2.25	22.83	30	PASS
Band4	5	19975	1	#0	QPSK	22.46	2.25	24.71	30	PASS
Band4	5	19975	1	#Mid	QPSK	22.39	2.25	24.64	30	PASS
Band4	5	19975	1	#Max	QPSK	22.61	2.25	24.86	30	PASS
Band4	5	19975	12	#0	QPSK	21.79	2.25	24.04	30	PASS
Band4	5	19975	12	#Mid	QPSK	21.79	2.25	24.04	30	PASS
Band4	5	19975	12	#Max	QPSK	21.66	2.25	23.91	30	PASS
Band4	5	19975	25	#0	QPSK	21.73	2.25	23.98	30	PASS
Band4	5	19975	1	#0	QAM16	21.71	2.25	23.96	30	PASS
Band4	5	19975	1	#Mid	QAM16	21.79	2.25	24.04	30	PASS
Band4	5	19975	1	#Max	QAM16	21.62	2.25	23.87	30	PASS
Band4	5	19975	12	#0	QAM16	20.5	2.25	22.75	30	PASS
Band4	5	19975	12	#Mid	QAM16	20.51	2.25	22.76	30	PASS
Band4	5	19975	12	#Max	QAM16	20.5	2.25	22.75	30	PASS
Band4	5	19975	25	#0	QAM16	20.7	2.25	22.95	30	PASS
Band4	5	20175	1	#0	QPSK	22.57	2.25	24.82	30	PASS
Band4	5	20175	1	#Mid	QPSK	22.71	2.25	24.96	30	PASS
Band4	5	20175	1	#Max	QPSK	22.55	2.25	24.8	30	PASS

Band4	5	20175	12	#0	QPSK	21.84	2.25	24.09	30	PASS
Band4	5	20175	12	#Mid	QPSK	21.77	2.25	24.02	30	PASS
Band4	5	20175	12	#Max	QPSK	21.73	2.25	23.98	30	PASS
Band4	5	20175	25	#0	QPSK	21.75	2.25	24	30	PASS
Band4	5	20175	1	#0	QAM16	21.32	2.25	23.57	30	PASS
Band4	5	20175	1	#Mid	QAM16	21.33	2.25	23.58	30	PASS
Band4	5	20175	1	#Max	QAM16	21.22	2.25	23.47	30	PASS
Band4	5	20175	12	#0	QAM16	20.52	2.25	22.77	30	PASS
Band4	5	20175	12	#Mid	QAM16	20.44	2.25	22.69	30	PASS
Band4	5	20175	12	#Max	QAM16	20.39	2.25	22.64	30	PASS
Band4	5	20175	25	#0	QAM16	20.65	2.25	22.9	30	PASS
Band4	5	20375	1	#0	QPSK	22.47	2.25	24.72	30	PASS
Band4	5	20375	1	#Mid	QPSK	21.87	2.25	24.12	30	PASS
Band4	5	20375	1	#Max	QPSK	21.8	2.25	24.05	30	PASS
Band4	5	20375	12	#0	QPSK	20.86	2.25	23.11	30	PASS
Band4	5	20375	12	#Mid	QPSK	20.88	2.25	23.13	30	PASS
Band4	5	20375	12	#Max	QPSK	20.84	2.25	23.09	30	PASS
Band4	5	20375	25	#0	QPSK	20.95	2.25	23.2	30	PASS
Band4	5	20375	1	#0	QAM16	21.39	2.25	23.64	30	PASS
Band4	5	20375	1	#Mid	QAM16	21.53	2.25	23.78	30	PASS
Band4	5	20375	1	#Max	QAM16	21.89	2.25	24.14	30	PASS
Band4	5	20375	12	#0	QAM16	20.63	2.25	22.88	30	PASS
Band4	5	20375	12	#Mid	QAM16	20.67	2.25	22.92	30	PASS
Band4	5	20375	12	#Max	QAM16	20.71	2.25	22.96	30	PASS
Band4	5	20375	25	#0	QAM16	20.75	2.25	23	30	PASS
Band4	10	20000	1	#0	QPSK	22.76	2.25	25.01	30	PASS
Band4	10	20000	1	#Mid	QPSK	22.78	2.25	25.03	30	PASS
Band4	10	20000	1	#Max	QPSK	22.63	2.25	24.88	30	PASS
Band4	10	20000	25	#0	QPSK	21.81	2.25	24.06	30	PASS
Band4	10	20000	25	#Mid	QPSK	21.75	2.25	24	30	PASS
Band4	10	20000	25	#Max	QPSK	21.64	2.25	23.89	30	PASS
Band4	10	20000	50	#0	QPSK	21.63	2.25	23.88	30	PASS
Band4	10	20000	1	#0	QAM16	22.25	2.25	24.5	30	PASS
Band4	10	20000	1	#Mid	QAM16	22.7	2.25	24.95	30	PASS
Band4	10	20000	1	#Max	QAM16	22.06	2.25	24.31	30	PASS
Band4	10	20000	25	#0	QAM16	20.73	2.25	22.98	30	PASS
Band4	10	20000	25	#Mid	QAM16	20.69	2.25	22.94	30	PASS
Band4	10	20000	25	#Max	QAM16	20.68	2.25	22.93	30	PASS
Band4	10	20000	50	#0	QAM16	20.63	2.25	22.88	30	PASS
Band4	10	20175	1	#0	QPSK	22.63	2.25	24.88	30	PASS
Band4	10	20175	1	#Mid	QPSK	23.12	2.25	25.37	30	PASS
Band4	10	20175	1	#Max	QPSK	22.62	2.25	24.87	30	PASS
Band4	10	20175	25	#0	QPSK	21.9	2.25	24.15	30	PASS
Band4	10	20175	25	#Mid	QPSK	21.93	2.25	24.18	30	PASS
Band4	10	20175	25	#Max	QPSK	21.73	2.25	23.98	30	PASS
Band4	10	20175	50	#0	QPSK	21.89	2.25	24.14	30	PASS
Band4	10	20175	1	#0	QAM16	21.4	2.25	23.65	30	PASS
Band4	10	20175	1	#Mid	QAM16	21.46	2.25	23.71	30	PASS
Band4	10	20175	1	#Max	QAM16	20.88	2.25	23.13	30	PASS
Band4	10	20175	25	#0	QAM16	20.84	2.25	23.09	30	PASS
Band4	10	20175	25	#Mid	QAM16	20.75	2.25	23	30	PASS
Band4	10	20175	25	#Max	QAM16	20.65	2.25	22.9	30	PASS

Band4	10	20175	50	#0	QAM16	20.72	2.25	22.97	30	PASS
Band4	10	20350	1	#0	QPSK	21.74	2.25	23.99	30	PASS
Band4	10	20350	1	#Mid	QPSK	22.01	2.25	24.26	30	PASS
Band4	10	20350	1	#Max	QPSK	21.77	2.25	24.02	30	PASS
Band4	10	20350	25	#0	QPSK	21.3	2.25	23.55	30	PASS
Band4	10	20350	25	#Mid	QPSK	20.97	2.25	23.22	30	PASS
Band4	10	20350	25	#Max	QPSK	20.93	2.25	23.18	30	PASS
Band4	10	20350	50	#0	QPSK	20.87	2.25	23.12	30	PASS
Band4	10	20350	1	#0	QAM16	21.61	2.25	23.86	30	PASS
Band4	10	20350	1	#Mid	QAM16	21.42	2.25	23.67	30	PASS
Band4	10	20350	1	#Max	QAM16	21.81	2.25	24.06	30	PASS
Band4	10	20350	25	#0	QAM16	20.84	2.25	23.09	30	PASS
Band4	10	20350	25	#Mid	QAM16	20.91	2.25	23.16	30	PASS
Band4	10	20350	25	#Max	QAM16	20.79	2.25	23.04	30	PASS
Band4	10	20350	50	#0	QAM16	20.7	2.25	22.95	30	PASS
Band4	15	20025	1	#0	QPSK	22.78	2.25	25.03	30	PASS
Band4	15	20025	1	#Mid	QPSK	23.09	2.25	25.34	30	PASS
Band4	15	20025	1	#Max	QPSK	22.69	2.25	24.94	30	PASS
Band4	15	20025	36	#0	QPSK	21.67	2.25	23.92	30	PASS
Band4	15	20025	36	#Mid	QPSK	21.81	2.25	24.06	30	PASS
Band4	15	20025	36	#Max	QPSK	21.74	2.25	23.99	30	PASS
Band4	15	20025	75	#0	QPSK	21.66	2.25	23.91	30	PASS
Band4	15	20025	1	#0	QAM16	22.39	2.25	24.64	30	PASS
Band4	15	20025	1	#Mid	QAM16	22.94	2.25	25.19	30	PASS
Band4	15	20025	1	#Max	QAM16	22.23	2.25	24.48	30	PASS
Band4	15	20025	36	#0	QAM16	20.6	2.25	22.85	30	PASS
Band4	15	20025	36	#Mid	QAM16	20.76	2.25	23.01	30	PASS
Band4	15	20025	36	#Max	QAM16	20.69	2.25	22.94	30	PASS
Band4	15	20025	75	#0	QAM16	20.57	2.25	22.82	30	PASS
Band4	15	20175	1	#0	QPSK	22.69	2.25	24.94	30	PASS
Band4	15	20175	1	#Mid	QPSK	23.1	2.25	25.35	30	PASS
Band4	15	20175	1	#Max	QPSK	22.69	2.25	24.94	30	PASS
Band4	15	20175	36	#0	QPSK	21.92	2.25	24.17	30	PASS
Band4	15	20175	36	#Mid	QPSK	21.9	2.25	24.15	30	PASS
Band4	15	20175	36	#Max	QPSK	21.81	2.25	24.06	30	PASS
Band4	15	20175	75	#0	QPSK	21.87	2.25	24.12	30	PASS
Band4	15	20175	1	#0	QAM16	21.59	2.25	23.84	30	PASS
Band4	15	20175	1	#Mid	QAM16	21.85	2.25	24.1	30	PASS
Band4	15	20175	1	#Max	QAM16	21.04	2.25	23.29	30	PASS
Band4	15	20175	36	#0	QAM16	20.98	2.25	23.23	30	PASS
Band4	15	20175	36	#Mid	QAM16	20.96	2.25	23.21	30	PASS
Band4	15	20175	36	#Max	QAM16	20.79	2.25	23.04	30	PASS
Band4	15	20175	75	#0	QAM16	20.8	2.25	23.05	30	PASS
Band4	15	20325	1	#0	QPSK	21.38	2.25	23.63	30	PASS
Band4	15	20325	1	#Mid	QPSK	21.18	2.25	23.43	30	PASS
Band4	15	20325	1	#Max	QPSK	21.74	2.25	23.99	30	PASS
Band4	15	20325	36	#0	QPSK	20.89	2.25	23.14	30	PASS
Band4	15	20325	36	#Mid	QPSK	20.96	2.25	23.21	30	PASS
Band4	15	20325	36	#Max	QPSK	20.91	2.25	23.16	30	PASS
Band4	15	20325	75	#0	QPSK	20.88	2.25	23.13	30	PASS
Band4	15	20325	1	#0	QAM16	21.59	2.25	23.84	30	PASS
Band4	15	20325	1	#Mid	QAM16	21.55	2.25	23.8	30	PASS

Band4	15	20325	1	#Max	QAM16	22.01	2.25	24.26	30	PASS
Band4	15	20325	36	#0	QAM16	20.66	2.25	22.91	30	PASS
Band4	15	20325	36	#Mid	QAM16	20.78	2.25	23.03	30	PASS
Band4	15	20325	36	#Max	QAM16	20.84	2.25	23.09	30	PASS
Band4	15	20325	75	#0	QAM16	20.76	2.25	23.01	30	PASS
Band4	20	20050	1	#0	QPSK	22.36	2.25	24.61	30	PASS
Band4	20	20050	1	#Mid	QPSK	22.79	2.25	25.04	30	PASS
Band4	20	20050	1	#Max	QPSK	22.57	2.25	24.82	30	PASS
Band4	20	20050	50	#0	QPSK	21.62	2.25	23.87	30	PASS
Band4	20	20050	50	#Mid	QPSK	21.69	2.25	23.94	30	PASS
Band4	20	20050	50	#Max	QPSK	21.63	2.25	23.88	30	PASS
Band4	20	20050	100	#0	QPSK	21.63	2.25	23.88	30	PASS
Band4	20	20050	1	#0	QAM16	21.71	2.25	23.96	30	PASS
Band4	20	20050	1	#Mid	QAM16	21.57	2.25	23.82	30	PASS
Band4	20	20050	1	#Max	QAM16	21.11	2.25	23.36	30	PASS
Band4	20	20050	50	#0	QAM16	20.49	2.25	22.74	30	PASS
Band4	20	20050	50	#Mid	QAM16	20.76	2.25	23.01	30	PASS
Band4	20	20050	50	#Max	QAM16	20.78	2.25	23.03	30	PASS
Band4	20	20050	100	#0	QAM16	20.65	2.25	22.9	30	PASS
Band4	20	20175	1	#0	QPSK	22.86	2.25	25.11	30	PASS
Band4	20	20175	1	#Mid	QPSK	23.27	2.25	25.52	30	PASS
Band4	20	20175	1	#Max	QPSK	21.75	2.25	24	30	PASS
Band4	20	20175	50	#0	QPSK	21.9	2.25	24.15	30	PASS
Band4	20	20175	50	#Mid	QPSK	21.9	2.25	24.15	30	PASS
Band4	20	20175	50	#Max	QPSK	21.69	2.25	23.94	30	PASS
Band4	20	20175	100	#0	QPSK	21.82	2.25	24.07	30	PASS
Band4	20	20175	1	#0	QAM16	21.83	2.25	24.08	30	PASS
Band4	20	20175	1	#Mid	QAM16	21.79	2.25	24.04	30	PASS
Band4	20	20175	1	#Max	QAM16	21.19	2.25	23.44	30	PASS
Band4	20	20175	50	#0	QAM16	20.9	2.25	23.15	30	PASS
Band4	20	20175	50	#Mid	QAM16	20.9	2.25	23.15	30	PASS
Band4	20	20175	50	#Max	QAM16	20.5	2.25	22.75	30	PASS
Band4	20	20175	100	#0	QAM16	20.73	2.25	22.98	30	PASS
Band4	20	20300	1	#0	QPSK	22.62	2.25	24.87	30	PASS
Band4	20	20300	1	#Mid	QPSK	21.52	2.25	23.77	30	PASS
Band4	20	20300	1	#Max	QPSK	21.73	2.25	23.98	30	PASS
Band4	20	20300	50	#0	QPSK	20.87	2.25	23.12	30	PASS
Band4	20	20300	50	#Mid	QPSK	20.91	2.25	23.16	30	PASS
Band4	20	20300	50	#Max	QPSK	21.28	2.25	23.53	30	PASS
Band4	20	20300	100	#0	QPSK	20.86	2.25	23.11	30	PASS
Band4	20	20300	1	#0	QAM16	21.56	2.25	23.81	30	PASS
Band4	20	20300	1	#Mid	QAM16	21.46	2.25	23.71	30	PASS
Band4	20	20300	1	#Max	QAM16	21.24	2.25	23.49	30	PASS
Band4	20	20300	50	#0	QAM16	20.75	2.25	23	30	PASS
Band4	20	20300	50	#Mid	QAM16	20.9	2.25	23.15	30	PASS
Band4	20	20300	50	#Max	QAM16	20.79	2.25	23.04	30	PASS
Band4	20	20300	100	#0	QAM16	20.73	2.25	22.98	30	PASS

Band	Band width (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	22.49	-0.23	20.11	38.45	PASS
Band5	1.4	20407	1	#Mid	QPSK	22.54	-0.23	20.16	38.45	PASS
Band5	1.4	20407	1	#Max	QPSK	22.6	-0.23	20.22	38.45	PASS
Band5	1.4	20407	3	#0	QPSK	22.68	-0.23	20.3	38.45	PASS
Band5	1.4	20407	3	#Mid	QPSK	22.6	-0.23	20.22	38.45	PASS
Band5	1.4	20407	3	#Max	QPSK	22.44	-0.23	20.06	38.45	PASS
Band5	1.4	20407	6	#0	QPSK	21.62	-0.23	19.24	38.45	PASS
Band5	1.4	20407	1	#0	QAM16	21.59	-0.23	19.21	38.45	PASS
Band5	1.4	20407	1	#Mid	QAM16	21.42	-0.23	19.04	38.45	PASS
Band5	1.4	20407	1	#Max	QAM16	21.38	-0.23	19	38.45	PASS
Band5	1.4	20407	3	#0	QAM16	21.49	-0.23	19.11	38.45	PASS
Band5	1.4	20407	3	#Mid	QAM16	21.5	-0.23	19.12	38.45	PASS
Band5	1.4	20407	3	#Max	QAM16	21.35	-0.23	18.97	38.45	PASS
Band5	1.4	20407	6	#0	QAM16	20.62	-0.23	18.24	38.45	PASS
Band5	1.4	20525	1	#0	QPSK	22.28	-0.23	19.9	38.45	PASS
Band5	1.4	20525	1	#Mid	QPSK	22.4	-0.23	20.02	38.45	PASS
Band5	1.4	20525	1	#Max	QPSK	22.35	-0.23	19.97	38.45	PASS
Band5	1.4	20525	3	#0	QPSK	22.39	-0.23	20.01	38.45	PASS
Band5	1.4	20525	3	#Mid	QPSK	22.43	-0.23	20.05	38.45	PASS
Band5	1.4	20525	3	#Max	QPSK	22.42	-0.23	20.04	38.45	PASS
Band5	1.4	20525	6	#0	QPSK	21.46	-0.23	19.08	38.45	PASS
Band5	1.4	20525	1	#0	QAM16	21.17	-0.23	18.79	38.45	PASS
Band5	1.4	20525	1	#Mid	QAM16	21.27	-0.23	18.89	38.45	PASS
Band5	1.4	20525	1	#Max	QAM16	20.87	-0.23	18.49	38.45	PASS
Band5	1.4	20525	3	#0	QAM16	21.26	-0.23	18.88	38.45	PASS
Band5	1.4	20525	3	#Mid	QAM16	21.33	-0.23	18.95	38.45	PASS
Band5	1.4	20525	3	#Max	QAM16	21.31	-0.23	18.93	38.45	PASS
Band5	1.4	20525	6	#0	QAM16	20.35	-0.23	17.97	38.45	PASS
Band5	1.4	20643	1	#0	QPSK	22	-0.23	19.42	38.45	PASS
Band5	1.4	20643	1	#Mid	QPSK	22.01	-0.23	19.63	38.45	PASS
Band5	1.4	20643	1	#Max	QPSK	21.39	-0.23	19.01	38.45	PASS
Band5	1.4	20643	3	#0	QPSK	22.32	-0.23	19.94	38.45	PASS
Band5	1.4	20643	3	#Mid	QPSK	22.08	-0.23	19.7	38.45	PASS
Band5	1.4	20643	3	#Max	QPSK	22.13	-0.23	19.75	38.45	PASS
Band5	1.4	20643	6	#0	QPSK	21.04	-0.23	18.66	38.45	PASS
Band5	1.4	20643	1	#0	QAM16	21.53	-0.23	19.15	38.45	PASS
Band5	1.4	20643	1	#Mid	QAM16	21.61	-0.23	19.23	38.45	PASS
Band5	1.4	20643	1	#Max	QAM16	21.48	-0.23	19.1	38.45	PASS
Band5	1.4	20643	3	#0	QAM16	21.66	-0.23	19.28	38.45	PASS
Band5	1.4	20643	3	#Mid	QAM16	21.63	-0.23	19.25	38.45	PASS
Band5	1.4	20643	3	#Max	QAM16	21.61	-0.23	19.23	38.45	PASS
Band5	1.4	20643	6	#0	QAM16	20.7	-0.23	18.32	38.45	PASS
Band5	3	20415	1	#0	QPSK	22.55	-0.23	20.17	38.45	PASS
Band5	3	20415	1	#Mid	QPSK	22.36	-0.23	19.98	38.45	PASS
Band5	3	20415	1	#Max	QPSK	22.28	-0.23	19.9	38.45	PASS
Band5	3	20415	8	#0	QPSK	21.56	-0.23	19.18	38.45	PASS
Band5	3	20415	8	#Mid	QPSK	21.47	-0.23	19.09	38.45	PASS
Band5	3	20415	8	#Max	QPSK	21.42	-0.23	19.04	38.45	PASS
Band5	3	20415	15	#0	QPSK	21.49	-0.23	19.11	38.45	PASS

Band5	3	20415	1	#0	QAM16	22	-0.23	19.62	38.45	PASS
Band5	3	20415	1	#Mid	QAM16	21.98	-0.23	19.6	38.45	PASS
Band5	3	20415	1	#Max	QAM16	22.06	-0.23	19.68	38.45	PASS
Band5	3	20415	8	#0	QAM16	20.56	-0.23	18.18	38.45	PASS
Band5	3	20415	8	#Mid	QAM16	20.23	-0.23	17.85	38.45	PASS
Band5	3	20415	8	#Max	QAM16	20.68	-0.23	18.3	38.45	PASS
Band5	3	20415	15	#0	QAM16	20.66	-0.23	18.28	38.45	PASS
Band5	3	20525	1	#0	QPSK	22.32	-0.23	19.94	38.45	PASS
Band5	3	20525	1	#Mid	QPSK	22.6	-0.23	20.22	38.45	PASS
Band5	3	20525	1	#Max	QPSK	22.42	-0.23	20.04	38.45	PASS
Band5	3	20525	8	#0	QPSK	21.5	-0.23	19.12	38.45	PASS
Band5	3	20525	8	#Mid	QPSK	21.51	-0.23	19.13	38.45	PASS
Band5	3	20525	8	#Max	QPSK	21.54	-0.23	19.16	38.45	PASS
Band5	3	20525	15	#0	QPSK	21.37	-0.23	18.99	38.45	PASS
Band5	3	20525	1	#0	QAM16	20.85	-0.23	18.47	38.45	PASS
Band5	3	20525	1	#Mid	QAM16	21.42	-0.23	19.04	38.45	PASS
Band5	3	20525	1	#Max	QAM16	20.89	-0.23	18.51	38.45	PASS
Band5	3	20525	8	#0	QAM16	20.14	-0.23	17.76	38.45	PASS
Band5	3	20525	8	#Mid	QAM16	20.25	-0.23	17.87	38.45	PASS
Band5	3	20525	8	#Max	QAM16	20.28	-0.23	17.9	38.45	PASS
Band5	3	20525	15	#0	QAM16	20.19	-0.23	17.81	38.45	PASS
Band5	3	20635	1	#0	QPSK	22.03	-0.23	19.65	38.45	PASS
Band5	3	20635	1	#Mid	QPSK	21.62	-0.23	19.24	38.45	PASS
Band5	3	20635	1	#Max	QPSK	22.02	-0.23	19.64	38.45	PASS
Band5	3	20635	8	#0	QPSK	21.27	-0.23	18.89	38.45	PASS
Band5	3	20635	8	#Mid	QPSK	21.02	-0.23	18.64	38.45	PASS
Band5	3	20635	8	#Max	QPSK	21.28	-0.23	18.9	38.45	PASS
Band5	3	20635	15	#0	QPSK	21.43	-0.23	19.05	38.45	PASS
Band5	3	20635	1	#0	QAM16	21.18	-0.23	18.8	38.45	PASS
Band5	3	20635	1	#Mid	QAM16	21.5	-0.23	19.12	38.45	PASS
Band5	3	20635	1	#Max	QAM16	21.27	-0.23	18.89	38.45	PASS
Band5	3	20635	8	#0	QAM16	20.52	-0.23	18.14	38.45	PASS
Band5	3	20635	8	#Mid	QAM16	20.56	-0.23	18.18	38.45	PASS
Band5	3	20635	8	#Max	QAM16	20.53	-0.23	18.15	38.45	PASS
Band5	3	20635	15	#0	QAM16	20.44	-0.23	18.06	38.45	PASS
Band5	5	20425	1	#0	QPSK	22.62	-0.23	20.24	38.45	PASS
Band5	5	20425	1	#Mid	QPSK	22.6	-0.23	20.22	38.45	PASS
Band5	5	20425	1	#Max	QPSK	22.45	-0.23	20.07	38.45	PASS
Band5	5	20425	12	#0	QPSK	21.4	-0.23	19.02	38.45	PASS
Band5	5	20425	12	#Mid	QPSK	21.45	-0.23	19.07	38.45	PASS
Band5	5	20425	12	#Max	QPSK	21.24	-0.23	18.86	38.45	PASS
Band5	5	20425	25	#0	QPSK	21.29	-0.23	18.91	38.45	PASS
Band5	5	20425	1	#0	QAM16	21.94	-0.23	19.56	38.45	PASS
Band5	5	20425	1	#Mid	QAM16	21.73	-0.23	19.35	38.45	PASS
Band5	5	20425	1	#Max	QAM16	21.41	-0.23	19.03	38.45	PASS
Band5	5	20425	12	#0	QAM16	20.26	-0.23	17.88	38.45	PASS
Band5	5	20425	12	#Mid	QAM16	20.4	-0.23	18.02	38.45	PASS
Band5	5	20425	12	#Max	QAM16	20.26	-0.23	17.88	38.45	PASS
Band5	5	20425	25	#0	QAM16	20.2	-0.23	17.82	38.45	PASS
Band5	5	20525	1	#0	QPSK	22.02	-0.23	19.64	38.45	PASS
Band5	5	20525	1	#Mid	QPSK	22.42	-0.23	20.04	38.45	PASS
Band5	5	20525	1	#Max	QPSK	22.11	-0.23	19.73	38.45	PASS

Band5	5	20525	12	#0	QPSK	21.32	-0.23	18.94	38.45	PASS
Band5	5	20525	12	#Mid	QPSK	21.36	-0.23	18.98	38.45	PASS
Band5	5	20525	12	#Max	QPSK	21.4	-0.23	19.02	38.45	PASS
Band5	5	20525	25	#0	QPSK	21.32	-0.23	18.94	38.45	PASS
Band5	5	20525	1	#0	QAM16	21.02	-0.23	18.64	38.45	PASS
Band5	5	20525	1	#Mid	QAM16	21.13	-0.23	18.75	38.45	PASS
Band5	5	20525	1	#Max	QAM16	20.44	-0.23	18.06	38.45	PASS
Band5	5	20525	12	#0	QAM16	20.02	-0.23	17.64	38.45	PASS
Band5	5	20525	12	#Mid	QAM16	20.06	-0.23	17.68	38.45	PASS
Band5	5	20525	12	#Max	QAM16	20	-0.23	17.62	38.45	PASS
Band5	5	20525	25	#0	QAM16	20.27	-0.23	17.89	38.45	PASS
Band5	5	20625	1	#0	QPSK	21.25	-0.23	18.87	38.45	PASS
Band5	5	20625	1	#Mid	QPSK	22.27	-0.23	19.89	38.45	PASS
Band5	5	20625	1	#Max	QPSK	21.39	-0.23	19.01	38.45	PASS
Band5	5	20625	12	#0	QPSK	21.27	-0.23	18.89	38.45	PASS
Band5	5	20625	12	#Mid	QPSK	21.1	-0.23	18.72	38.45	PASS
Band5	5	20625	12	#Max	QPSK	21.05	-0.23	18.67	38.45	PASS
Band5	5	20625	25	#0	QPSK	21.32	-0.23	18.94	38.45	PASS
Band5	5	20625	1	#0	QAM16	21.42	-0.23	19.04	38.45	PASS
Band5	5	20625	1	#Mid	QAM16	21.59	-0.23	19.21	38.45	PASS
Band5	5	20625	1	#Max	QAM16	21.26	-0.23	18.88	38.45	PASS
Band5	5	20625	12	#0	QAM16	20.47	-0.23	18.09	38.45	PASS
Band5	5	20625	12	#Mid	QAM16	20.48	-0.23	18.1	38.45	PASS
Band5	5	20625	12	#Max	QAM16	20.45	-0.23	18.07	38.45	PASS
Band5	5	20625	25	#0	QAM16	20.55	-0.23	18.17	38.45	PASS
Band5	10	20450	1	#0	QPSK	22.66	-0.23	20.28	38.45	PASS
Band5	10	20450	1	#Mid	QPSK	22.5	-0.23	20.12	38.45	PASS
Band5	10	20450	1	#Max	QPSK	22.14	-0.23	19.76	38.45	PASS
Band5	10	20450	25	#0	QPSK	21.43	-0.23	19.05	38.45	PASS
Band5	10	20450	25	#Mid	QPSK	21.42	-0.23	19.04	38.45	PASS
Band5	10	20450	25	#Max	QPSK	21.28	-0.23	18.9	38.45	PASS
Band5	10	20450	50	#0	QPSK	21.3	-0.23	18.92	38.45	PASS
Band5	10	20450	1	#0	QAM16	21.92	-0.23	19.54	38.45	PASS
Band5	10	20450	1	#Mid	QAM16	22.4	-0.23	20.02	38.45	PASS
Band5	10	20450	1	#Max	QAM16	21.66	-0.23	19.28	38.45	PASS
Band5	10	20450	25	#0	QAM16	20.46	-0.23	18.08	38.45	PASS
Band5	10	20450	25	#Mid	QAM16	20.48	-0.23	18.1	38.45	PASS
Band5	10	20450	25	#Max	QAM16	20.13	-0.23	17.75	38.45	PASS
Band5	10	20450	50	#0	QAM16	20.36	-0.23	17.98	38.45	PASS
Band5	10	20525	1	#0	QPSK	22.27	-0.23	19.89	38.45	PASS
Band5	10	20525	1	#Mid	QPSK	22.66	-0.23	20.28	38.45	PASS
Band5	10	20525	1	#Max	QPSK	22.31	-0.23	19.93	38.45	PASS
Band5	10	20525	25	#0	QPSK	21.46	-0.23	19.08	38.45	PASS
Band5	10	20525	25	#Mid	QPSK	21.47	-0.23	19.09	38.45	PASS
Band5	10	20525	25	#Max	QPSK	21.45	-0.23	19.07	38.45	PASS
Band5	10	20525	50	#0	QPSK	21.4	-0.23	19.02	38.45	PASS
Band5	10	20525	1	#0	QAM16	20.98	-0.23	18.6	38.45	PASS
Band5	10	20525	1	#Mid	QAM16	21.08	-0.23	18.7	38.45	PASS
Band5	10	20525	1	#Max	QAM16	20.95	-0.23	18.57	38.45	PASS
Band5	10	20525	25	#0	QAM16	20.4	-0.23	18.02	38.45	PASS
Band5	10	20525	25	#Mid	QAM16	20.4	-0.23	18.02	38.45	PASS
Band5	10	20525	25	#Max	QAM16	20.37	-0.23	17.99	38.45	PASS

Band5	10	20525	50	#0	QAM16	20.47	-0.23	18.09	38.45	PASS
Band5	10	20600	1	#0	QPSK	22.03	-0.23	19.65	38.45	PASS
Band5	10	20600	1	#Mid	QPSK	21.7	-0.23	19.32	38.45	PASS
Band5	10	20600	1	#Max	QPSK	21.48	-0.23	19.1	38.45	PASS
Band5	10	20600	25	#0	QPSK	21.49	-0.23	19.11	38.45	PASS
Band5	10	20600	25	#Mid	QPSK	21.45	-0.23	19.07	38.45	PASS
Band5	10	20600	25	#Max	QPSK	21.38	-0.23	19	38.45	PASS
Band5	10	20600	50	#0	QPSK	21.31	-0.23	18.93	38.45	PASS
Band5	10	20600	1	#0	QAM16	21.01	-0.23	18.63	38.45	PASS
Band5	10	20600	1	#Mid	QAM16	21.52	-0.23	19.14	38.45	PASS
Band5	10	20600	1	#Max	QAM16	21.4	-0.23	19.02	38.45	PASS
Band5	10	20600	25	#0	QAM16	20.51	-0.23	18.13	38.45	PASS
Band5	10	20600	25	#Mid	QAM16	20.5	-0.23	18.12	38.45	PASS
Band5	10	20600	25	#Max	QAM16	20.45	-0.23	18.07	38.45	PASS
Band5	10	20600	50	#0	QAM16	20.34	-0.23	17.96	38.45	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	22.13	3.2	25.33	33	PASS
Band7	5	20775	1	#Mid	QPSK	22.43	3.2	25.63	33	PASS
Band7	5	20775	1	#Max	QPSK	22.29	3.2	25.49	33	PASS
Band7	5	20775	12	#0	QPSK	21.37	3.2	24.57	33	PASS
Band7	5	20775	12	#Mid	QPSK	21.47	3.2	24.67	33	PASS
Band7	5	20775	12	#Max	QPSK	21.36	3.2	24.56	33	PASS
Band7	5	20775	25	#0	QPSK	21.4	3.2	24.6	33	PASS
Band7	5	20775	1	#0	QAM16	21.32	3.2	24.52	33	PASS
Band7	5	20775	1	#Mid	QAM16	21.54	3.2	24.74	33	PASS
Band7	5	20775	1	#Max	QAM16	21.41	3.2	24.61	33	PASS
Band7	5	20775	12	#0	QAM16	20.23	3.2	23.43	33	PASS
Band7	5	20775	12	#Mid	QAM16	20.36	3.2	23.56	33	PASS
Band7	5	20775	12	#Max	QAM16	20.32	3.2	23.52	33	PASS
Band7	5	20775	25	#0	QAM16	20.31	3.2	23.51	33	PASS
Band7	5	21100	1	#0	QPSK	22.02	3.2	25.22	33	PASS
Band7	5	21100	1	#Mid	QPSK	22.73	3.2	25.93	33	PASS
Band7	5	21100	1	#Max	QPSK	22.21	3.2	25.41	33	PASS
Band7	5	21100	12	#0	QPSK	21.13	3.2	24.33	33	PASS
Band7	5	21100	12	#Mid	QPSK	21.45	3.2	24.65	33	PASS
Band7	5	21100	12	#Max	QPSK	21.43	3.2	24.63	33	PASS
Band7	5	21100	25	#0	QPSK	21.38	3.2	24.58	33	PASS
Band7	5	21100	1	#0	QAM16	21.27	3.2	24.47	33	PASS
Band7	5	21100	1	#Mid	QAM16	21.83	3.2	25.03	33	PASS
Band7	5	21100	1	#Max	QAM16	21.39	3.2	24.59	33	PASS
Band7	5	21100	12	#0	QAM16	20.28	3.2	23.48	33	PASS
Band7	5	21100	12	#Mid	QAM16	20.31	3.2	23.51	33	PASS
Band7	5	21100	12	#Max	QAM16	20.3	3.2	23.5	33	PASS
Band7	5	21100	25	#0	QAM16	20.38	3.2	23.58	33	PASS
Band7	5	21425	1	#0	QPSK	21.57	3.2	24.77	33	PASS
Band7	5	21425	1	#Mid	QPSK	21.96	3.2	25.16	33	PASS
Band7	5	21425	1	#Max	QPSK	21.3	3.2	24.5	33	PASS
Band7	5	21425	12	#0	QPSK	20.43	3.2	23.63	33	PASS
Band7	5	21425	12	#Mid	QPSK	20.55	3.2	23.75	33	PASS

Band7	5	21425	12	#Max	QPSK	20.45	3.2	23.65	33	PASS
Band7	5	21425	25	#0	QPSK	20.96	3.2	24.16	33	PASS
Band7	5	21425	1	#0	QAM16	21.29	3.2	24.49	33	PASS
Band7	5	21425	1	#Mid	QAM16	21.63	3.2	24.83	33	PASS
Band7	5	21425	1	#Max	QAM16	21.22	3.2	24.42	33	PASS
Band7	5	21425	12	#0	QAM16	20.05	3.2	23.25	33	PASS
Band7	5	21425	12	#Mid	QAM16	20.18	3.2	23.38	33	PASS
Band7	5	21425	12	#Max	QAM16	20.1	3.2	23.3	33	PASS
Band7	5	21425	25	#0	QAM16	20.34	3.2	23.54	33	PASS
Band7	10	20800	1	#0	QPSK	22.47	3.2	25.67	33	PASS
Band7	10	20800	1	#Mid	QPSK	22.52	3.2	25.72	33	PASS
Band7	10	20800	1	#Max	QPSK	22.33	3.2	25.53	33	PASS
Band7	10	20800	25	#0	QPSK	21.74	3.2	24.94	33	PASS
Band7	10	20800	25	#Mid	QPSK	21.69	3.2	24.89	33	PASS
Band7	10	20800	25	#Max	QPSK	21.43	3.2	24.63	33	PASS
Band7	10	20800	50	#0	QPSK	21.61	3.2	24.81	33	PASS
Band7	10	20800	1	#0	QAM16	22.04	3.2	25.24	33	PASS
Band7	10	20800	1	#Mid	QAM16	22.8	3.2	26	33	PASS
Band7	10	20800	1	#Max	QAM16	21.92	3.2	25.12	33	PASS
Band7	10	20800	25	#0	QAM16	20.79	3.2	23.99	33	PASS
Band7	10	20800	25	#Mid	QAM16	20.85	3.2	24.05	33	PASS
Band7	10	20800	25	#Max	QAM16	20.56	3.2	23.76	33	PASS
Band7	10	20800	50	#0	QAM16	20.65	3.2	23.85	33	PASS
Band7	10	21100	1	#0	QPSK	22.5	3.2	25.7	33	PASS
Band7	10	21100	1	#Mid	QPSK	22.96	3.2	26.16	33	PASS
Band7	10	21100	1	#Max	QPSK	22.1	3.2	25.3	33	PASS
Band7	10	21100	25	#0	QPSK	21.69	3.2	24.89	33	PASS
Band7	10	21100	25	#Mid	QPSK	21.81	3.2	25.01	33	PASS
Band7	10	21100	25	#Max	QPSK	21.66	3.2	24.86	33	PASS
Band7	10	21100	50	#0	QPSK	21.67	3.2	24.87	33	PASS
Band7	10	21100	1	#0	QAM16	21.23	3.2	24.43	33	PASS
Band7	10	21100	1	#Mid	QAM16	21.3	3.2	24.5	33	PASS
Band7	10	21100	1	#Max	QAM16	21.25	3.2	24.45	33	PASS
Band7	10	21100	25	#0	QAM16	20.73	3.2	23.93	33	PASS
Band7	10	21100	25	#Mid	QAM16	20.95	3.2	24.15	33	PASS
Band7	10	21100	25	#Max	QAM16	20.8	3.2	24	33	PASS
Band7	10	21100	50	#0	QAM16	20.64	3.2	23.84	33	PASS
Band7	10	21400	1	#0	QPSK	21.6	3.2	24.8	33	PASS
Band7	10	21400	1	#Mid	QPSK	21.5	3.2	24.7	33	PASS
Band7	10	21400	1	#Max	QPSK	21.48	3.2	24.68	33	PASS
Band7	10	21400	25	#0	QPSK	20.73	3.2	23.93	33	PASS
Band7	10	21400	25	#Mid	QPSK	20.71	3.2	23.91	33	PASS
Band7	10	21400	25	#Max	QPSK	20.9	3.2	24.1	33	PASS
Band7	10	21400	50	#0	QPSK	20.65	3.2	23.85	33	PASS
Band7	10	21400	1	#0	QAM16	21.39	3.2	24.59	33	PASS
Band7	10	21400	1	#Mid	QAM16	21.69	3.2	24.89	33	PASS
Band7	10	21400	1	#Max	QAM16	21.12	3.2	24.32	33	PASS
Band7	10	21400	25	#0	QAM16	20.64	3.2	23.84	33	PASS
Band7	10	21400	25	#Mid	QAM16	20.75	3.2	23.95	33	PASS
Band7	10	21400	25	#Max	QAM16	20.56	3.2	23.76	33	PASS
Band7	10	21400	50	#0	QAM16	20.59	3.2	23.79	33	PASS
Band7	15	20825	1	#0	QPSK	22.73	3.2	25.93	33	PASS

Band7	15	20825	1	#Mid	QPSK	22.84	3.2	26.04	33	PASS
Band7	15	20825	1	#Max	QPSK	22.49	3.2	25.69	33	PASS
Band7	15	20825	36	#0	QPSK	21.84	3.2	25.04	33	PASS
Band7	15	20825	36	#Mid	QPSK	21.74	3.2	24.94	33	PASS
Band7	15	20825	36	#Max	QPSK	21.59	3.2	24.79	33	PASS
Band7	15	20825	75	#0	QPSK	21.61	3.2	24.81	33	PASS
Band7	15	20825	1	#0	QAM16	22.21	3.2	25.41	33	PASS
Band7	15	20825	1	#Mid	QAM16	22.68	3.2	25.88	33	PASS
Band7	15	20825	1	#Max	QAM16	22.05	3.2	25.25	33	PASS
Band7	15	20825	36	#0	QAM16	20.82	3.2	24.02	33	PASS
Band7	15	20825	36	#Mid	QAM16	20.77	3.2	23.97	33	PASS
Band7	15	20825	36	#Max	QAM16	20.66	3.2	23.86	33	PASS
Band7	15	20825	75	#0	QAM16	20.55	3.2	23.75	33	PASS
Band7	15	21100	1	#0	QPSK	22.53	3.2	25.73	33	PASS
Band7	15	21100	1	#Mid	QPSK	22.96	3.2	26.16	33	PASS
Band7	15	21100	1	#Max	QPSK	22.54	3.2	25.74	33	PASS
Band7	15	21100	36	#0	QPSK	21.77	3.2	24.97	33	PASS
Band7	15	21100	36	#Mid	QPSK	21.8	3.2	25	33	PASS
Band7	15	21100	36	#Max	QPSK	21.67	3.2	24.87	33	PASS
Band7	15	21100	75	#0	QPSK	21.65	3.2	24.85	33	PASS
Band7	15	21100	1	#0	QAM16	21.65	3.2	24.85	33	PASS
Band7	15	21100	1	#Mid	QAM16	21.79	3.2	24.99	33	PASS
Band7	15	21100	1	#Max	QAM16	21.41	3.2	24.61	33	PASS
Band7	15	21100	36	#0	QAM16	20.75	3.2	23.95	33	PASS
Band7	15	21100	36	#Mid	QAM16	20.91	3.2	24.11	33	PASS
Band7	15	21100	36	#Max	QAM16	20.78	3.2	23.98	33	PASS
Band7	15	21100	75	#0	QAM16	20.61	3.2	23.81	33	PASS
Band7	15	21375	1	#0	QPSK	21.58	3.2	24.78	33	PASS
Band7	15	21375	1	#Mid	QPSK	21.47	3.2	24.67	33	PASS
Band7	15	21375	1	#Max	QPSK	21.54	3.2	24.74	33	PASS
Band7	15	21375	36	#0	QPSK	21.13	3.2	24.33	33	PASS
Band7	15	21375	36	#Mid	QPSK	20.75	3.2	23.95	33	PASS
Band7	15	21375	36	#Max	QPSK	20.64	3.2	23.84	33	PASS
Band7	15	21375	75	#0	QPSK	21.13	3.2	24.33	33	PASS
Band7	15	21375	1	#0	QAM16	21.83	3.2	25.03	33	PASS
Band7	15	21375	1	#Mid	QAM16	21.27	3.2	24.47	33	PASS
Band7	15	21375	1	#Max	QAM16	21.72	3.2	24.92	33	PASS
Band7	15	21375	36	#0	QAM16	20.47	3.2	23.67	33	PASS
Band7	15	21375	36	#Mid	QAM16	20.73	3.2	23.93	33	PASS
Band7	15	21375	36	#Max	QAM16	20.49	3.2	23.69	33	PASS
Band7	15	21375	75	#0	QAM16	20.64	3.2	23.84	33	PASS
Band7	20	20850	1	#0	QPSK	22.41	3.2	25.61	33	PASS
Band7	20	20850	1	#Mid	QPSK	22.85	3.2	26.05	33	PASS
Band7	20	20850	1	#Max	QPSK	22.23	3.2	25.43	33	PASS
Band7	20	20850	50	#0	QPSK	21.79	3.2	24.99	33	PASS
Band7	20	20850	50	#Mid	QPSK	21.76	3.2	24.96	33	PASS
Band7	20	20850	50	#Max	QPSK	21.55	3.2	24.75	33	PASS
Band7	20	20850	100	#0	QPSK	21.63	3.2	24.83	33	PASS
Band7	20	20850	1	#0	QAM16	21.76	3.2	24.96	33	PASS
Band7	20	20850	1	#Mid	QAM16	21.55	3.2	24.75	33	PASS
Band7	20	20850	1	#Max	QAM16	20.73	3.2	23.93	33	PASS
Band7	20	20850	50	#0	QAM16	20.88	3.2	24.08	33	PASS

Band7	20	20850	50	#Mid	QAM16	20.86	3.2	24.06	33	PASS
Band7	20	20850	50	#Max	QAM16	20.64	3.2	23.84	33	PASS
Band7	20	20850	100	#0	QAM16	20.57	3.2	23.77	33	PASS
Band7	20	21100	1	#0	QPSK	22.75	3.2	25.95	33	PASS
Band7	20	21100	1	#Mid	QPSK	23.21	3.2	26.41	33	PASS
Band7	20	21100	1	#Max	QPSK	21.87	3.2	25.07	33	PASS
Band7	20	21100	50	#0	QPSK	21.72	3.2	24.92	33	PASS
Band7	20	21100	50	#Mid	QPSK	21.8	3.2	25	33	PASS
Band7	20	21100	50	#Max	QPSK	21.73	3.2	24.93	33	PASS
Band7	20	21100	100	#0	QPSK	21.72	3.2	24.92	33	PASS
Band7	20	21100	1	#0	QAM16	21.64	3.2	24.84	33	PASS
Band7	20	21100	1	#Mid	QAM16	21.75	3.2	24.95	33	PASS
Band7	20	21100	1	#Max	QAM16	21.15	3.2	24.35	33	PASS
Band7	20	21100	50	#0	QAM16	20.46	3.2	23.66	33	PASS
Band7	20	21100	50	#Mid	QAM16	20.82	3.2	24.02	33	PASS
Band7	20	21100	50	#Max	QAM16	20.68	3.2	23.88	33	PASS
Band7	20	21100	100	#0	QAM16	20.58	3.2	23.78	33	PASS
Band7	20	21350	1	#0	QPSK	21.57	3.2	24.77	33	PASS
Band7	20	21350	1	#Mid	QPSK	21.8	3.2	25	33	PASS
Band7	20	21350	1	#Max	QPSK	21.52	3.2	24.72	33	PASS
Band7	20	21350	50	#0	QPSK	20.85	3.2	24.05	33	PASS
Band7	20	21350	50	#Mid	QPSK	20.78	3.2	23.98	33	PASS
Band7	20	21350	50	#Max	QPSK	20.69	3.2	23.89	33	PASS
Band7	20	21350	100	#0	QPSK	21.21	3.2	24.41	33	PASS
Band7	20	21350	1	#0	QAM16	21.74	3.2	24.94	33	PASS
Band7	20	21350	1	#Mid	QAM16	21.23	3.2	24.43	33	PASS
Band7	20	21350	1	#Max	QAM16	21.1	3.2	24.3	33	PASS
Band7	20	21350	50	#0	QAM16	20.76	3.2	23.96	33	PASS
Band7	20	21350	50	#Mid	QAM16	20.81	3.2	24.01	33	PASS
Band7	20	21350	50	#Max	QAM16	20.71	3.2	23.91	33	PASS
Band7	20	21350	100	#0	QAM16	20.59	3.2	23.79	33	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	22.44	-2.46	17.83	34.77	PASS
Band12	1.4	23017	1	#Mid	QPSK	22.52	-2.46	17.91	34.77	PASS
Band12	1.4	23017	1	#Max	QPSK	22.75	-2.46	18.14	34.77	PASS
Band12	1.4	23017	3	#0	QPSK	22.61	-2.46	18	34.77	PASS
Band12	1.4	23017	3	#Mid	QPSK	22.68	-2.46	18.07	34.77	PASS
Band12	1.4	23017	3	#Max	QPSK	22.72	-2.46	18.11	34.77	PASS
Band12	1.4	23017	6	#0	QPSK	21.6	-2.46	16.99	34.77	PASS
Band12	1.4	23017	1	#0	QAM16	21.3	-2.46	16.69	34.77	PASS
Band12	1.4	23017	1	#Mid	QAM16	21.81	-2.46	17.2	34.77	PASS
Band12	1.4	23017	1	#Max	QAM16	21.58	-2.46	16.97	34.77	PASS
Band12	1.4	23017	3	#0	QAM16	21.77	-2.46	17.16	34.77	PASS
Band12	1.4	23017	3	#Mid	QAM16	21.74	-2.46	17.13	34.77	PASS
Band12	1.4	23017	3	#Max	QAM16	21.86	-2.46	17.25	34.77	PASS
Band12	1.4	23017	6	#0	QAM16	20.77	-2.46	16.16	34.77	PASS
Band12	1.4	23095	1	#0	QPSK	23.04	-2.46	18.43	34.77	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.02	-2.46	18.41	34.77	PASS
Band12	1.4	23095	1	#Max	QPSK	22.9	-2.46	18.29	34.77	PASS

Band12	1.4	23095	3	#0	QPSK	23.07	-2.46	18.46	34.77	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.1	-2.46	18.49	34.77	PASS
Band12	1.4	23095	3	#Max	QPSK	23.04	-2.46	18.43	34.77	PASS
Band12	1.4	23095	6	#0	QPSK	21.96	-2.46	17.35	34.77	PASS
Band12	1.4	23095	1	#0	QAM16	22.03	-2.46	17.42	34.77	PASS
Band12	1.4	23095	1	#Mid	QAM16	21.91	-2.46	17.3	34.77	PASS
Band12	1.4	23095	1	#Max	QAM16	21.84	-2.46	17.23	34.77	PASS
Band12	1.4	23095	3	#0	QAM16	21.95	-2.46	17.34	34.77	PASS
Band12	1.4	23095	3	#Mid	QAM16	21.97	-2.46	17.36	34.77	PASS
Band12	1.4	23095	3	#Max	QAM16	21.9	-2.46	17.29	34.77	PASS
Band12	1.4	23095	6	#0	QAM16	21.01	-2.46	16.4	34.77	PASS
Band12	1.4	23173	1	#0	QPSK	21.37	-2.46	16.76	34.77	PASS
Band12	1.4	23173	1	#Mid	QPSK	21.49	-2.46	16.88	34.77	PASS
Band12	1.4	23173	1	#Max	QPSK	21.37	-2.46	16.76	34.77	PASS
Band12	1.4	23173	3	#0	QPSK	22.68	-2.46	18.07	34.77	PASS
Band12	1.4	23173	3	#Mid	QPSK	22.63	-2.46	18.02	34.77	PASS
Band12	1.4	23173	3	#Max	QPSK	22.58	-2.46	17.97	34.77	PASS
Band12	1.4	23173	6	#0	QPSK	21.25	-2.46	16.64	34.77	PASS
Band12	1.4	23173	1	#0	QAM16	21.33	-2.46	16.72	34.77	PASS
Band12	1.4	23173	1	#Mid	QAM16	21.31	-2.46	16.7	34.77	PASS
Band12	1.4	23173	1	#Max	QAM16	21.26	-2.46	16.65	34.77	PASS
Band12	1.4	23173	3	#0	QAM16	21.19	-2.46	16.58	34.77	PASS
Band12	1.4	23173	3	#Mid	QAM16	21.17	-2.46	16.56	34.77	PASS
Band12	1.4	23173	3	#Max	QAM16	21.51	-2.46	16.9	34.77	PASS
Band12	1.4	23173	6	#0	QAM16	20.67	-2.46	16.06	34.77	PASS
Band12	3	23025	1	#0	QPSK	22.53	-2.46	17.92	34.77	PASS
Band12	3	23025	1	#Mid	QPSK	22.73	-2.46	18.12	34.77	PASS
Band12	3	23025	1	#Max	QPSK	22.93	-2.46	18.32	34.77	PASS
Band12	3	23025	8	#0	QPSK	21.82	-2.46	17.21	34.77	PASS
Band12	3	23025	8	#Mid	QPSK	21.89	-2.46	17.28	34.77	PASS
Band12	3	23025	8	#Max	QPSK	22.06	-2.46	17.45	34.77	PASS
Band12	3	23025	15	#0	QPSK	22	-2.46	17.39	34.77	PASS
Band12	3	23025	1	#0	QAM16	21.86	-2.46	17.25	34.77	PASS
Band12	3	23025	1	#Mid	QAM16	22.36	-2.46	17.75	34.77	PASS
Band12	3	23025	1	#Max	QAM16	22.83	-2.46	18.22	34.77	PASS
Band12	3	23025	8	#0	QAM16	20.75	-2.46	16.14	34.77	PASS
Band12	3	23025	8	#Mid	QAM16	20.76	-2.46	16.15	34.77	PASS
Band12	3	23025	8	#Max	QAM16	21.05	-2.46	16.44	34.77	PASS
Band12	3	23025	15	#0	QAM16	20.84	-2.46	16.23	34.77	PASS
Band12	3	23095	1	#0	QPSK	23.21	-2.46	18.6	34.77	PASS
Band12	3	23095	1	#Mid	QPSK	23.08	-2.46	18.47	34.77	PASS
Band12	3	23095	1	#Max	QPSK	23.08	-2.46	18.47	34.77	PASS
Band12	3	23095	8	#0	QPSK	22.23	-2.46	17.62	34.77	PASS
Band12	3	23095	8	#Mid	QPSK	22.15	-2.46	17.54	34.77	PASS
Band12	3	23095	8	#Max	QPSK	22.04	-2.46	17.43	34.77	PASS
Band12	3	23095	15	#0	QPSK	22.05	-2.46	17.44	34.77	PASS
Band12	3	23095	1	#0	QAM16	21.9	-2.46	17.29	34.77	PASS
Band12	3	23095	1	#Mid	QAM16	21.93	-2.46	17.32	34.77	PASS
Band12	3	23095	1	#Max	QAM16	21.7	-2.46	17.09	34.77	PASS
Band12	3	23095	8	#0	QAM16	21.05	-2.46	16.44	34.77	PASS
Band12	3	23095	8	#Mid	QAM16	21.06	-2.46	16.45	34.77	PASS
Band12	3	23095	8	#Max	QAM16	20.92	-2.46	16.31	34.77	PASS

Band12	3	23095	15	#0	QAM16	20.89	-2.46	16.28	34.77	PASS
Band12	3	23165	1	#0	QPSK	21.75	-2.46	17.14	34.77	PASS
Band12	3	23165	1	#Mid	QPSK	21.65	-2.46	17.04	34.77	PASS
Band12	3	23165	1	#Max	QPSK	21.61	-2.46	17	34.77	PASS
Band12	3	23165	8	#0	QPSK	20.96	-2.46	16.35	34.77	PASS
Band12	3	23165	8	#Mid	QPSK	20.83	-2.46	16.22	34.77	PASS
Band12	3	23165	8	#Max	QPSK	20.68	-2.46	16.07	34.77	PASS
Band12	3	23165	15	#0	QPSK	20.83	-2.46	16.22	34.77	PASS
Band12	3	23165	1	#0	QAM16	21.75	-2.46	17.14	34.77	PASS
Band12	3	23165	1	#Mid	QAM16	21.64	-2.46	17.03	34.77	PASS
Band12	3	23165	1	#Max	QAM16	21.37	-2.46	16.76	34.77	PASS
Band12	3	23165	8	#0	QAM16	20.91	-2.46	16.3	34.77	PASS
Band12	3	23165	8	#Mid	QAM16	20.79	-2.46	16.18	34.77	PASS
Band12	3	23165	8	#Max	QAM16	20.43	-2.46	15.82	34.77	PASS
Band12	3	23165	15	#0	QAM16	20.79	-2.46	16.18	34.77	PASS
Band12	5	23035	1	#0	QPSK	22.46	-2.46	17.85	34.77	PASS
Band12	5	23035	1	#Mid	QPSK	23.05	-2.46	18.44	34.77	PASS
Band12	5	23035	1	#Max	QPSK	22.98	-2.46	18.37	34.77	PASS
Band12	5	23035	12	#0	QPSK	21.81	-2.46	17.2	34.77	PASS
Band12	5	23035	12	#Mid	QPSK	22.09	-2.46	17.48	34.77	PASS
Band12	5	23035	12	#Max	QPSK	22.09	-2.46	17.48	34.77	PASS
Band12	5	23035	25	#0	QPSK	21.86	-2.46	17.25	34.77	PASS
Band12	5	23035	1	#0	QAM16	21.71	-2.46	17.1	34.77	PASS
Band12	5	23035	1	#Mid	QAM16	22.42	-2.46	17.81	34.77	PASS
Band12	5	23035	1	#Max	QAM16	21.97	-2.46	17.36	34.77	PASS
Band12	5	23035	12	#0	QAM16	20.7	-2.46	16.09	34.77	PASS
Band12	5	23035	12	#Mid	QAM16	21.01	-2.46	16.4	34.77	PASS
Band12	5	23035	12	#Max	QAM16	20.94	-2.46	16.33	34.77	PASS
Band12	5	23035	25	#0	QAM16	20.61	-2.46	16	34.77	PASS
Band12	5	23095	1	#0	QPSK	22.88	-2.46	18.27	34.77	PASS
Band12	5	23095	1	#Mid	QPSK	22.97	-2.46	18.36	34.77	PASS
Band12	5	23095	1	#Max	QPSK	22.76	-2.46	18.15	34.77	PASS
Band12	5	23095	12	#0	QPSK	22.26	-2.46	17.65	34.77	PASS
Band12	5	23095	12	#Mid	QPSK	22.09	-2.46	17.48	34.77	PASS
Band12	5	23095	12	#Max	QPSK	22.08	-2.46	17.47	34.77	PASS
Band12	5	23095	25	#0	QPSK	22.08	-2.46	17.47	34.77	PASS
Band12	5	23095	1	#0	QAM16	21.84	-2.46	17.23	34.77	PASS
Band12	5	23095	1	#Mid	QAM16	21.62	-2.46	17.01	34.77	PASS
Band12	5	23095	1	#Max	QAM16	21.35	-2.46	16.74	34.77	PASS
Band12	5	23095	12	#0	QAM16	20.83	-2.46	16.22	34.77	PASS
Band12	5	23095	12	#Mid	QAM16	20.72	-2.46	16.11	34.77	PASS
Band12	5	23095	12	#Max	QAM16	20.62	-2.46	16.01	34.77	PASS
Band12	5	23095	25	#0	QAM16	20.89	-2.46	16.28	34.77	PASS
Band12	5	23155	1	#0	QPSK	21.7	-2.46	17.09	34.77	PASS
Band12	5	23155	1	#Mid	QPSK	21.92	-2.46	17.31	34.77	PASS
Band12	5	23155	1	#Max	QPSK	21.5	-2.46	16.89	34.77	PASS
Band12	5	23155	12	#0	QPSK	20.92	-2.46	16.31	34.77	PASS
Band12	5	23155	12	#Mid	QPSK	21.38	-2.46	16.77	34.77	PASS
Band12	5	23155	12	#Max	QPSK	21.07	-2.46	16.46	34.77	PASS
Band12	5	23155	25	#0	QPSK	21.52	-2.46	16.91	34.77	PASS
Band12	5	23155	1	#0	QAM16	21.72	-2.46	17.11	34.77	PASS
Band12	5	23155	1	#Mid	QAM16	21.86	-2.46	17.25	34.77	PASS

Band12	5	23155	1	#Max	QAM16	21.24	-2.46	16.63	34.77	PASS
Band12	5	23155	12	#0	QAM16	20.84	-2.46	16.23	34.77	PASS
Band12	5	23155	12	#Mid	QAM16	20.88	-2.46	16.27	34.77	PASS
Band12	5	23155	12	#Max	QAM16	20.59	-2.46	15.98	34.77	PASS
Band12	5	23155	25	#0	QAM16	20.55	-2.46	15.94	34.77	PASS
Band12	10	23060	1	#0	QPSK	22.67	-2.46	18.06	34.77	PASS
Band12	10	23060	1	#Mid	QPSK	23.18	-2.46	18.57	34.77	PASS
Band12	10	23060	1	#Max	QPSK	22.93	-2.46	18.32	34.77	PASS
Band12	10	23060	25	#0	QPSK	21.85	-2.46	17.24	34.77	PASS
Band12	10	23060	25	#Mid	QPSK	22.14	-2.46	17.53	34.77	PASS
Band12	10	23060	25	#Max	QPSK	22.07	-2.46	17.46	34.77	PASS
Band12	10	23060	50	#0	QPSK	21.96	-2.46	17.35	34.77	PASS
Band12	10	23060	1	#0	QAM16	22.15	-2.46	17.54	34.77	PASS
Band12	10	23060	1	#Mid	QAM16	23.25	-2.46	18.64	34.77	PASS
Band12	10	23060	1	#Max	QAM16	22.3	-2.46	17.69	34.77	PASS
Band12	10	23060	25	#0	QAM16	20.88	-2.46	16.27	34.77	PASS
Band12	10	23060	25	#Mid	QAM16	21.05	-2.46	16.44	34.77	PASS
Band12	10	23060	25	#Max	QAM16	20.99	-2.46	16.38	34.77	PASS
Band12	10	23060	50	#0	QAM16	20.98	-2.46	16.37	34.77	PASS
Band12	10	23095	1	#0	QPSK	22.95	-2.46	18.34	34.77	PASS
Band12	10	23095	1	#Mid	QPSK	23.49	-2.46	18.88	34.77	PASS
Band12	10	23095	1	#Max	QPSK	22.7	-2.46	18.09	34.77	PASS
Band12	10	23095	25	#0	QPSK	22.17	-2.46	17.56	34.77	PASS
Band12	10	23095	25	#Mid	QPSK	22.16	-2.46	17.55	34.77	PASS
Band12	10	23095	25	#Max	QPSK	22.01	-2.46	17.4	34.77	PASS
Band12	10	23095	50	#0	QPSK	22.12	-2.46	17.51	34.77	PASS
Band12	10	23095	1	#0	QAM16	21.55	-2.46	16.94	34.77	PASS
Band12	10	23095	1	#Mid	QAM16	21.96	-2.46	17.35	34.77	PASS
Band12	10	23095	1	#Max	QAM16	20.98	-2.46	16.37	34.77	PASS
Band12	10	23095	25	#0	QAM16	21.07	-2.46	16.46	34.77	PASS
Band12	10	23095	25	#Mid	QAM16	21.08	-2.46	16.47	34.77	PASS
Band12	10	23095	25	#Max	QAM16	20.92	-2.46	16.31	34.77	PASS
Band12	10	23095	50	#0	QAM16	20.95	-2.46	16.34	34.77	PASS
Band12	10	23130	1	#0	QPSK	22	-2.46	17.39	34.77	PASS
Band12	10	23130	1	#Mid	QPSK	22.05	-2.46	17.44	34.77	PASS
Band12	10	23130	1	#Max	QPSK	21.64	-2.46	17.03	34.77	PASS
Band12	10	23130	25	#0	QPSK	21.08	-2.46	16.47	34.77	PASS
Band12	10	23130	25	#Mid	QPSK	21.16	-2.46	16.55	34.77	PASS
Band12	10	23130	25	#Max	QPSK	21.35	-2.46	16.74	34.77	PASS
Band12	10	23130	50	#0	QPSK	21.01	-2.46	16.4	34.77	PASS
Band12	10	23130	1	#0	QAM16	21.97	-2.46	17.36	34.77	PASS
Band12	10	23130	1	#Mid	QAM16	22.06	-2.46	17.45	34.77	PASS
Band12	10	23130	1	#Max	QAM16	21.52	-2.46	16.91	34.77	PASS
Band12	10	23130	25	#0	QAM16	21.18	-2.46	16.57	34.77	PASS
Band12	10	23130	25	#Mid	QAM16	21.12	-2.46	16.51	34.77	PASS
Band12	10	23130	25	#Max	QAM16	20.78	-2.46	16.17	34.77	PASS
Band12	10	23130	50	#0	QAM16	20.79	-2.46	16.18	34.77	PASS

Band	Band width (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	22.38	-2.77	17.46	34.77	PASS
Band13	5	23205	1	#Mid	QPSK	22.82	-2.77	17.9	34.77	PASS
Band13	5	23205	1	#Max	QPSK	22.36	-2.77	17.44	34.77	PASS
Band13	5	23205	12	#0	QPSK	21.42	-2.77	16.5	34.77	PASS
Band13	5	23205	12	#Mid	QPSK	21.51	-2.77	16.59	34.77	PASS
Band13	5	23205	12	#Max	QPSK	21.37	-2.77	16.45	34.77	PASS
Band13	5	23205	25	#0	QPSK	21.44	-2.77	16.52	34.77	PASS
Band13	5	23205	1	#0	QAM16	21.4	-2.77	16.48	34.77	PASS
Band13	5	23205	1	#Mid	QAM16	21.64	-2.77	16.72	34.77	PASS
Band13	5	23205	1	#Max	QAM16	21.42	-2.77	16.5	34.77	PASS
Band13	5	23205	12	#0	QAM16	20.13	-2.77	15.21	34.77	PASS
Band13	5	23205	12	#Mid	QAM16	20.23	-2.77	15.31	34.77	PASS
Band13	5	23205	12	#Max	QAM16	20.09	-2.77	15.17	34.77	PASS
Band13	5	23205	25	#0	QAM16	20.18	-2.77	15.26	34.77	PASS
Band13	5	23230	1	#0	QPSK	22.27	-2.77	17.35	34.77	PASS
Band13	5	23230	1	#Mid	QPSK	22.5	-2.77	17.58	34.77	PASS
Band13	5	23230	1	#Max	QPSK	22.52	-2.77	17.6	34.77	PASS
Band13	5	23230	12	#0	QPSK	21.35	-2.77	16.43	34.77	PASS
Band13	5	23230	12	#Mid	QPSK	21.49	-2.77	16.57	34.77	PASS
Band13	5	23230	12	#Max	QPSK	21.45	-2.77	16.53	34.77	PASS
Band13	5	23230	25	#0	QPSK	21.45	-2.77	16.53	34.77	PASS
Band13	5	23230	1	#0	QAM16	21.61	-2.77	16.69	34.77	PASS
Band13	5	23230	1	#Mid	QAM16	21.8	-2.77	16.88	34.77	PASS
Band13	5	23230	1	#Max	QAM16	21.49	-2.77	16.57	34.77	PASS
Band13	5	23230	12	#0	QAM16	20.09	-2.77	15.17	34.77	PASS
Band13	5	23230	12	#Mid	QAM16	20.13	-2.77	15.21	34.77	PASS
Band13	5	23230	12	#Max	QAM16	20.11	-2.77	15.19	34.77	PASS
Band13	5	23230	25	#0	QAM16	20.36	-2.77	15.44	34.77	PASS
Band13	5	23255	1	#0	QPSK	22	-2.77	17.08	34.77	PASS
Band13	5	23255	1	#Mid	QPSK	22.12	-2.77	17.2	34.77	PASS
Band13	5	23255	1	#Max	QPSK	21.42	-2.77	16.5	34.77	PASS
Band13	5	23255	12	#0	QPSK	21.43	-2.77	16.51	34.77	PASS
Band13	5	23255	12	#Mid	QPSK	21.55	-2.77	16.63	34.77	PASS
Band13	5	23255	12	#Max	QPSK	21.48	-2.77	16.56	34.77	PASS
Band13	5	23255	25	#0	QPSK	21.42	-2.77	16.5	34.77	PASS
Band13	5	23255	1	#0	QAM16	21.06	-2.77	16.14	34.77	PASS
Band13	5	23255	1	#Mid	QAM16	21.61	-2.77	16.69	34.77	PASS
Band13	5	23255	1	#Max	QAM16	21.46	-2.77	16.54	34.77	PASS
Band13	5	23255	12	#0	QAM16	20.03	-2.77	15.11	34.77	PASS
Band13	5	23255	12	#Mid	QAM16	20.15	-2.77	15.23	34.77	PASS
Band13	5	23255	12	#Max	QAM16	20.08	-2.77	15.16	34.77	PASS
Band13	5	23255	25	#0	QAM16	20.41	-2.77	15.49	34.77	PASS
Band13	10	23230	1	#0	QPSK	22.43	-2.77	17.51	34.77	PASS
Band13	10	23230	1	#Mid	QPSK	22.56	-2.77	17.64	34.77	PASS
Band13	10	23230	1	#Max	QPSK	22.43	-2.77	17.51	34.77	PASS
Band13	10	23230	25	#0	QPSK	21.53	-2.77	16.61	34.77	PASS
Band13	10	23230	25	#Mid	QPSK	21.49	-2.77	16.57	34.77	PASS
Band13	10	23230	25	#Max	QPSK	21.43	-2.77	16.51	34.77	PASS
Band13	10	23230	50	#0	QPSK	21.47	-2.77	16.55	34.77	PASS

Band13	10	23230	1	#0	QAM16	21.82	-2.77	16.9	34.77	PASS
Band13	10	23230	1	#Mid	QAM16	22.08	-2.77	17.16	34.77	PASS
Band13	10	23230	1	#Max	QAM16	21.92	-2.77	17	34.77	PASS
Band13	10	23230	25	#0	QAM16	20.51	-2.77	15.59	34.77	PASS
Band13	10	23230	25	#Mid	QAM16	20.47	-2.77	15.55	34.77	PASS
Band13	10	23230	25	#Max	QAM16	20.4	-2.77	15.48	34.77	PASS
Band13	10	23230	50	#0	QAM16	20.34	-2.77	15.42	34.77	PASS

Band	Band width (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band25	1.4	26047	1	#0	QPSK	22.43	2.51	24.94	33	PASS
Band25	1.4	26047	1	#Mid	QPSK	22.74	2.51	25.25	33	PASS
Band25	1.4	26047	1	#Max	QPSK	22.52	2.51	25.03	33	PASS
Band25	1.4	26047	3	#0	QPSK	22.48	2.51	24.99	33	PASS
Band25	1.4	26047	3	#Mid	QPSK	22.51	2.51	25.02	33	PASS
Band25	1.4	26047	3	#Max	QPSK	22.56	2.51	25.07	33	PASS
Band25	1.4	26047	6	#0	QPSK	21.57	2.51	24.08	33	PASS
Band25	1.4	26047	1	#0	QAM16	21.43	2.51	23.94	33	PASS
Band25	1.4	26047	1	#Mid	QAM16	21.49	2.51	24	33	PASS
Band25	1.4	26047	1	#Max	QAM16	21.44	2.51	23.95	33	PASS
Band25	1.4	26047	3	#0	QAM16	21.5	2.51	24.01	33	PASS
Band25	1.4	26047	3	#Mid	QAM16	21.54	2.51	24.05	33	PASS
Band25	1.4	26047	3	#Max	QAM16	21.59	2.51	24.1	33	PASS
Band25	1.4	26047	6	#0	QAM16	20.5	2.51	23.01	33	PASS
Band25	1.4	26365	1	#0	QPSK	22.76	2.51	25.27	33	PASS
Band25	1.4	26365	1	#Mid	QPSK	21.91	2.51	24.42	33	PASS
Band25	1.4	26365	1	#Max	QPSK	21.72	2.51	24.23	33	PASS
Band25	1.4	26365	3	#0	QPSK	22.71	2.51	25.22	33	PASS
Band25	1.4	26365	3	#Mid	QPSK	21.76	2.51	24.27	33	PASS
Band25	1.4	26365	3	#Max	QPSK	21.78	2.51	24.29	33	PASS
Band25	1.4	26365	6	#0	QPSK	21.8	2.51	24.31	33	PASS
Band25	1.4	26365	1	#0	QAM16	21.08	2.51	23.59	33	PASS
Band25	1.4	26365	1	#Mid	QAM16	22.07	2.51	24.58	33	PASS
Band25	1.4	26365	1	#Max	QAM16	22.1	2.51	24.61	33	PASS
Band25	1.4	26365	3	#0	QAM16	22.17	2.51	24.68	33	PASS
Band25	1.4	26365	3	#Mid	QAM16	22.23	2.51	24.74	33	PASS
Band25	1.4	26365	3	#Max	QAM16	22.15	2.51	24.66	33	PASS
Band25	1.4	26365	6	#0	QAM16	21.06	2.51	23.57	33	PASS
Band25	1.4	26683	1	#0	QPSK	21.28	2.51	23.79	33	PASS
Band25	1.4	26683	1	#Mid	QPSK	22.07	2.51	24.58	33	PASS
Band25	1.4	26683	1	#Max	QPSK	22.05	2.51	24.56	33	PASS
Band25	1.4	26683	3	#0	QPSK	22.69	2.51	25.2	33	PASS
Band25	1.4	26683	3	#Mid	QPSK	22.53	2.51	25.04	33	PASS
Band25	1.4	26683	3	#Max	QPSK	22.45	2.51	24.96	33	PASS
Band25	1.4	26683	6	#0	QPSK	21.48	2.51	23.99	33	PASS
Band25	1.4	26683	1	#0	QAM16	21.3	2.51	23.81	33	PASS
Band25	1.4	26683	1	#Mid	QAM16	21.2	2.51	23.71	33	PASS
Band25	1.4	26683	1	#Max	QAM16	20.85	2.51	23.36	33	PASS
Band25	1.4	26683	3	#0	QAM16	21.71	2.51	24.22	33	PASS
Band25	1.4	26683	3	#Mid	QAM16	21.49	2.51	24	33	PASS
Band25	1.4	26683	3	#Max	QAM16	21.43	2.51	23.94	33	PASS

Band25	1.4	26683	6	#0	QAM16	20.72	2.51	23.23	33	PASS
Band25	3	26055	1	#0	QPSK	22.62	2.51	25.13	33	PASS
Band25	3	26055	1	#Mid	QPSK	22.62	2.51	25.13	33	PASS
Band25	3	26055	1	#Max	QPSK	22.65	2.51	25.16	33	PASS
Band25	3	26055	8	#0	QPSK	21.74	2.51	24.25	33	PASS
Band25	3	26055	8	#Mid	QPSK	21.77	2.51	24.28	33	PASS
Band25	3	26055	8	#Max	QPSK	21.73	2.51	24.24	33	PASS
Band25	3	26055	15	#0	QPSK	21.73	2.51	24.24	33	PASS
Band25	3	26055	1	#0	QAM16	22.21	2.51	24.72	33	PASS
Band25	3	26055	1	#Mid	QAM16	22.12	2.51	24.63	33	PASS
Band25	3	26055	1	#Max	QAM16	22.26	2.51	24.77	33	PASS
Band25	3	26055	8	#0	QAM16	20.64	2.51	23.15	33	PASS
Band25	3	26055	8	#Mid	QAM16	20.68	2.51	23.19	33	PASS
Band25	3	26055	8	#Max	QAM16	20.69	2.51	23.2	33	PASS
Band25	3	26055	15	#0	QAM16	20.65	2.51	23.16	33	PASS
Band25	3	26365	1	#0	QPSK	22.63	2.51	25.14	33	PASS
Band25	3	26365	1	#Mid	QPSK	22.63	2.51	25.14	33	PASS
Band25	3	26365	1	#Max	QPSK	21.78	2.51	24.29	33	PASS
Band25	3	26365	8	#0	QPSK	21.79	2.51	24.3	33	PASS
Band25	3	26365	8	#Mid	QPSK	21.78	2.51	24.29	33	PASS
Band25	3	26365	8	#Max	QPSK	21.79	2.51	24.3	33	PASS
Band25	3	26365	15	#0	QPSK	21.79	2.51	24.3	33	PASS
Band25	3	26365	1	#0	QAM16	21.8	2.51	24.31	33	PASS
Band25	3	26365	1	#Mid	QAM16	21.65	2.51	24.16	33	PASS
Band25	3	26365	1	#Max	QAM16	21.81	2.51	24.32	33	PASS
Band25	3	26365	8	#0	QAM16	20.87	2.51	23.38	33	PASS
Band25	3	26365	8	#Mid	QAM16	20.88	2.51	23.39	33	PASS
Band25	3	26365	8	#Max	QAM16	20.88	2.51	23.39	33	PASS
Band25	3	26365	15	#0	QAM16	20.94	2.51	23.45	33	PASS
Band25	3	26675	1	#0	QPSK	22.05	2.51	24.56	33	PASS
Band25	3	26675	1	#Mid	QPSK	21.68	2.51	24.19	33	PASS
Band25	3	26675	1	#Max	QPSK	21.51	2.51	24.02	33	PASS
Band25	3	26675	8	#0	QPSK	20.91	2.51	23.42	33	PASS
Band25	3	26675	8	#Mid	QPSK	20.75	2.51	23.26	33	PASS
Band25	3	26675	8	#Max	QPSK	20.7	2.51	23.21	33	PASS
Band25	3	26675	15	#0	QPSK	21.55	2.51	24.06	33	PASS
Band25	3	26675	1	#0	QAM16	21.34	2.51	23.85	33	PASS
Band25	3	26675	1	#Mid	QAM16	21.74	2.51	24.25	33	PASS
Band25	3	26675	1	#Max	QAM16	20.2	2.51	22.71	33	PASS
Band25	3	26675	8	#0	QAM16	20.67	2.51	23.18	33	PASS
Band25	3	26675	8	#Mid	QAM16	20.61	2.51	23.12	33	PASS
Band25	3	26675	8	#Max	QAM16	20.44	2.51	22.95	33	PASS
Band25	3	26675	15	#0	QAM16	20.8	2.51	23.31	33	PASS
Band25	5	26065	1	#0	QPSK	22.49	2.51	25	33	PASS
Band25	5	26065	1	#Mid	QPSK	22.75	2.51	25.26	33	PASS
Band25	5	26065	1	#Max	QPSK	22.55	2.51	25.06	33	PASS
Band25	5	26065	12	#0	QPSK	21.65	2.51	24.16	33	PASS
Band25	5	26065	12	#Mid	QPSK	21.71	2.51	24.22	33	PASS
Band25	5	26065	12	#Max	QPSK	21.79	2.51	24.3	33	PASS
Band25	5	26065	25	#0	QPSK	21.72	2.51	24.23	33	PASS
Band25	5	26065	1	#0	QAM16	21.72	2.51	24.23	33	PASS
Band25	5	26065	1	#Mid	QAM16	21.77	2.51	24.28	33	PASS

Band25	5	26065	1	#Max	QAM16	21.66	2.51	24.17	33	PASS
Band25	5	26065	12	#0	QAM16	20.43	2.51	22.94	33	PASS
Band25	5	26065	12	#Mid	QAM16	20.42	2.51	22.93	33	PASS
Band25	5	26065	12	#Max	QAM16	20.49	2.51	23	33	PASS
Band25	5	26065	25	#0	QAM16	20.66	2.51	23.17	33	PASS
Band25	5	26365	1	#0	QPSK	22.66	2.51	25.17	33	PASS
Band25	5	26365	1	#Mid	QPSK	22.86	2.51	25.37	33	PASS
Band25	5	26365	1	#Max	QPSK	21.5	2.51	24.01	33	PASS
Band25	5	26365	12	#0	QPSK	21.76	2.51	24.27	33	PASS
Band25	5	26365	12	#Mid	QPSK	21.86	2.51	24.37	33	PASS
Band25	5	26365	12	#Max	QPSK	21.88	2.51	24.39	33	PASS
Band25	5	26365	25	#0	QPSK	21.78	2.51	24.29	33	PASS
Band25	5	26365	1	#0	QAM16	21.79	2.51	24.3	33	PASS
Band25	5	26365	1	#Mid	QAM16	21.8	2.51	24.31	33	PASS
Band25	5	26365	1	#Max	QAM16	21.8	2.51	24.31	33	PASS
Band25	5	26365	12	#0	QAM16	20.53	2.51	23.04	33	PASS
Band25	5	26365	12	#Mid	QAM16	20.69	2.51	23.2	33	PASS
Band25	5	26365	12	#Max	QAM16	20.62	2.51	23.13	33	PASS
Band25	5	26365	25	#0	QAM16	20.64	2.51	23.15	33	PASS
Band25	5	26665	1	#0	QPSK	21.39	2.51	23.9	33	PASS
Band25	5	26665	1	#Mid	QPSK	21.63	2.51	24.14	33	PASS
Band25	5	26665	1	#Max	QPSK	21.54	2.51	24.05	33	PASS
Band25	5	26665	12	#0	QPSK	21.7	2.51	24.21	33	PASS
Band25	5	26665	12	#Mid	QPSK	21.5	2.51	24.01	33	PASS
Band25	5	26665	12	#Max	QPSK	21.43	2.51	23.94	33	PASS
Band25	5	26665	25	#0	QPSK	20.71	2.51	23.22	33	PASS
Band25	5	26665	1	#0	QAM16	21.47	2.51	23.98	33	PASS
Band25	5	26665	1	#Mid	QAM16	21.08	2.51	23.59	33	PASS
Band25	5	26665	1	#Max	QAM16	20.96	2.51	23.47	33	PASS
Band25	5	26665	12	#0	QAM16	20.5	2.51	23.01	33	PASS
Band25	5	26665	12	#Mid	QAM16	20.44	2.51	22.95	33	PASS
Band25	5	26665	12	#Max	QAM16	20.42	2.51	22.93	33	PASS
Band25	5	26665	25	#0	QAM16	20.75	2.51	23.26	33	PASS
Band25	10	26090	1	#0	QPSK	22.64	2.51	25.15	33	PASS
Band25	10	26090	1	#Mid	QPSK	23.07	2.51	25.58	33	PASS
Band25	10	26090	1	#Max	QPSK	22.69	2.51	25.2	33	PASS
Band25	10	26090	25	#0	QPSK	21.78	2.51	24.29	33	PASS
Band25	10	26090	25	#Mid	QPSK	21.77	2.51	24.28	33	PASS
Band25	10	26090	25	#Max	QPSK	21.59	2.51	24.1	33	PASS
Band25	10	26090	50	#0	QPSK	21.63	2.51	24.14	33	PASS
Band25	10	26090	1	#0	QAM16	21.6	2.51	24.11	33	PASS
Band25	10	26090	1	#Mid	QAM16	21.7	2.51	24.21	33	PASS
Band25	10	26090	1	#Max	QAM16	21.56	2.51	24.07	33	PASS
Band25	10	26090	25	#0	QAM16	20.71	2.51	23.22	33	PASS
Band25	10	26090	25	#Mid	QAM16	20.74	2.51	23.25	33	PASS
Band25	10	26090	25	#Max	QAM16	20.63	2.51	23.14	33	PASS
Band25	10	26090	50	#0	QAM16	20.65	2.51	23.16	33	PASS
Band25	10	26365	1	#0	QPSK	22.76	2.51	25.27	33	PASS
Band25	10	26365	1	#Mid	QPSK	22.95	2.51	25.46	33	PASS
Band25	10	26365	1	#Max	QPSK	21.22	2.51	23.73	33	PASS
Band25	10	26365	25	#0	QPSK	21.78	2.51	24.29	33	PASS
Band25	10	26365	25	#Mid	QPSK	21.9	2.51	24.41	33	PASS