

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



FCC Applicant:	ASUSTeK COMPUTER INC.
FCC Manufacturer:	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Product Name:	ASUS Phone(Mobile Phone)
Brand Name:	ASUS
Model No.:	ASUSAI2501E
Family Model No.:	ASUSAI2501D
Model Difference:	Refer to section1.2
Report Number:	TERF2407002104ER
FCC ID	MSQAI2501
Date of EUT Received:	July 01, 2024
Date of Test:	July 17, 2024 ~ November 15, 2024
Issue Date:	November 15, 2024

Marcus Tseng

Approved By

Marcus Tsena

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2, 22H & 24E & 27 C & 90S.

The results of this report relate only to the sample identified in this report.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Revision History					
Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2407002104ER	00	Original	November 15, 2024	Yuri Tsai	

Note:

- 1 . The remark "*" indicates modification of the report upon requests from certification body.
- 2 Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received. And are assessed as electrically identical in RF characteristics, therefore, no further assessment required for the variant(s).

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GENERAL PRODUCT INFORMATION 1

1.1 **Product Description**

Product Name:	ASUS Phone(Mobile Phone)
Brand Name:	ASUS
Model No.:	ASUSAI2501E
Family Model No.:	ASUSAI2501D
Hardware Version:	R2.0C
Firmware Version:	35.1400.1400.10
EUT Series No.:	S7AIOCN13359SCN
Power Supply:	7.8 Vdc from Battery
Test Software (Name/Version)	Conncet with callbox

1.2 Model Difference

Model Name	ASUSAI2501D	ASUSAI2501E	
3rd Camera	5MP Macro	32 MP Tele	
LED Light	mini LED (85 pcs)	mini LED (648 pcs)	
Memory	12/256, 12/512, 16/512	16/512, 24/1TB	
Side USB port	Ŷ		
Air trigger	Y		
Power	5800mA	h, 65W	
Refresh Rate	185	Hz	

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1.3 **Operation Frequency Range**

NR Band 2				
BW (MHz)	Operation	Operation Frequency (MHz)		
5	1852.5	-	1907.5	
10	1855.0	-	1905.0	
15	1857.5	-	1902.5	
20	1860.0	-	1900.0	
25	1862.5	-	1897.5	
30	1865.0	-	1895.0	
35	1867.5	-	1892.5	
40	1870.0	-	1890.0	

NR Band 5				
BW (MHz) Operation Frequency (MHz)			ency (MHz)	
5	826.5	-	846.5	
10	829.0	_	844.0	
15	831.5	_	841.5	
20	834.0	-	839.0	

NR Band 7				
BW (MHz)	Operation	Operation Frequency (MHz)		
5	2502.5	-	2567.5	
10	2505.0	-	2565.0	
15	2507.5	-	2562.5	
20	2510.0	-	2560.0	
25	2512.5	-	2557.5	
30	2515.0	-	2555.0	
35	2517.5	-	2552.5	
40	2520.0	-	2550.0	
50	2525	_	2545	

NR Band 12				
BW (MHz)	z) Operation Frequency (MHz)			
5	701.5	-	713.5	
10	704.0	-	711.0	
15	706.5	-	708.5	

NR Band 25				
BW (MHz)	Operation	Operation Frequency (MHz)		
5	1852.5	-	1912.5	
10	1855.0	-	1910.0	
15	1857.5	-	1907.5	
20	1860.0	-	1905.0	
25	1862.5	-	1902.5	
30	1865.0	-	1900.0	
35	1867.5	-	1897.5	
40	1870.0	-	1895.0	

NR Band 26 (Part 90)			
BW (MHz) Operation Frequency (MHz)			
5	816.5	-	821.5
10	819.0	-	819.0

NR Band 26				
BW (MHz)	BW (MHz) Operation Frequency (MHz)			
5	826.5	-	846.5	
10	829.0	-	844.0	
15	831.5	-	841.5	
20	834.0	-	839.0	

	NR Band	d 30	
BW (MHz)	Operation	Freque	ency (MHz)
5	826.5	-	846.5
10	829.0	-	844.0

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SG:

	NR Band	38	
BW (MHz)	Operation	Freque	ency (MHz)
10	2575.0	-	2615.0
15	2577.5	-	2612.5
20	2580.0	-	2610.0
25	2582.5	-	2607.5
30	2585.0	-	2605.0
40	2590	-	2600

	NR Band	41	
BW (MHz)	Operation I	Frequ	ency (MHz)
10	2501.0	-	2685.0
15	2503.5	-	2682.5
20	2506.0	-	2680.0
25	2508.51	-	2677.5
30	2511.0	-	2675.0
35	2513.52	-	2672.49
40	2516.0	-	2670.0
45	2516.02	-	2667.48
50	2521.0	-	2665.0
60	2526.0	-	2660.0
70	2531.0	-	2655.0
80	2536.0	-	2650.0
90	2541.0	-	2645.0
100	2546.0	-	2640.0

	NR Band	66	
BW (MHz)	Operation	Freque	ency (MHz)
5	1712.5	-	1777.5
10	1715.0	-	1775.0
15	1717.5	-	1772.5
20	1720.0	-	1770.0
25	1722.5	-	1767.5
30	1725.0	-	1765.0
35	1727.5	-	1762.5
40	1730.0	-	1760.0
45	1732.5	-	1757.5

	NR Band	d 71	
BW (MHz)	Operation	Freque	ency (MHz)
5	665.5	-	695.5
10	668.0	-	693.0
15	670.5	-	690.5
20	673.0	-	688.0

	NR Band 77	(lowe	r)
BW (MHz)	Operation	Freque	ency (MHz)
10	3455.0	-	3545.0
15	3457.5	-	3542.5
20	3460.0	-	3540.0
25	3462.5	-	3537.5
30	3465.0	-	3535.0
40	3470.0	-	3530.0
50	3475.0	-	3525.0
60	3480.0	-	3520.0
70	3485.0	-	3515.0
80	3490.0	-	3510.0
90	3495.0	-	3505.0
100	3500.0	-	3500.0

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	NR Band 77	(uppe	r)
BW (MHz)	Operation I	Freque	ency (MHz)
10	3705.0	-	3975.0
15	3707.5	-	3972.5
20	3710.0	-	3970.0
25	3712.5	-	3967.5
30	3715.0	-	3965.0
40	3720.0	-	3960.0
50	3725.0	-	3955.0
60	3730.0	-	3950.0
70	3735.0	-	3945.0
80	3740.0	-	3940.0
90	3745.0	-	3935.0
100	3750.0	-	3930.0

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Antenna Designation 1.4

Antenna Type	Antenna Model No.
	Ant0
	Ant1
	Ant2
PIFA	Ant6
	Ant7
	Ant8
	Ant9
Note: Transmission	frequencies in this test report are only available by the above antenna(s).

Туре	5G NR Bands	Frequency			Peak An	tenna G	ain (dBi)		
51		(MHz)	Ant0	Ant1	Ant2	Ant6	Ant7	Ant8	Ant9
	2	1850 ~ 1910		-0.2	-1.9		-5.1		
	5	824 ~ 849	-2.4		-3.3				
	7	2500 ~ 2570		-2.5	-1.1		-5.5		
	12	699 ~ 716	-1.6		-4.8				
	25	1850 ~ 1915		-0.2	-1.9		-5.1		
	26 Part90	814 824	-2.4		-3.3				
	26	824 849	-2.4		-3.3				
PIFA	30	2305 2315		-1.5	-0.7				
	38	2570 ~ 2620		-2.5	-1.1			-1.8	-8.1
	41	2496 ~ 2690		-2.5	-1.1			-1.8	-8.1
	66	1710 ~ 1780		-1.5	-1.9				
	71	663 ~ 698	-3.4		-9.9				
	77 (lower)	3450 ~ 3550				-1.34	-2.15	-2.4	-2.5
	77 (upper)	3700 3980				-1.7	-0.86	1.1	-3.2

Note: Antenna information is provided by the applicant.

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Type of Emission & Max ERP/EIRP Power Measurement Result: 1.5

Bandwidth (MHz)	Lower Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
	((DFT-s PV2 BPSK	24.41	24.21	0.264	4.5155	4515.5	4M52G7W
			DFT-s QPSK	24.37	24.17	0.261	4.5011	4501.1	4M50G7W
5	1852.5	1907.5	DFT-s QAM	23.49	23.29	0.213	4.5161	4516.1	4M52D7W
			CP QPSK	24.48	24.28	0.268	4.5011	4501.1	4M50G7W
			CP QAM	23.61	23.41	0.219	4.5011	4501.1	4M50D7W
			DFT-s PI/2 BPSK	24.43	24.23	0.265	8.9791	8979.1	8M98G7W
10	1855	1905	DFT-s QPSK DFT-s QAM	24.40 23.50	24.20	0.263	8.9823	8982.3	8M98G7W
10	1855	1905	CP QPSK	23.50	23.30 24.26	0.214 0.267	9.0153 8.9823	9015.3 8982.3	9M02D7W 8M98G7W
			CP QAM	23.99	23.79	0.239	9.0153	9015.3	9M02D7W
			DFT-s PV2 BPSK	24.39	24.19	0.262	13.479	13479.0	13M5G7W
			DFT-s QPSK	24.37	24.17	0.261	13.465	13465.0	13M5G7W
15	1857.5	1902.5	DFT-s QAM	23.50	23.30	0.214	13.509	13509.0	13M5D7W
			CP QPSK	24.39	24.19	0.262	13.465	13465.0	13M5G7W
			CP QAM	23.99	23.79	0.239	13.465	13465.0	13M5D7W
			DFT-s PI/2 BPSK	24.40	24.20	0.263	17.915	17915.0	17M9G7W
			DFT-s QPSK	24.33	24.13	0.259	17.923	17923.0	17M9G7W
20	1860	1900	DFT-s QAM	23.39	23.19	0.208	17.952	17952.0	18M0D7W
			CP QPSK	24.36	24.16	0.261	17.923	17923.0	17M9G7W
			CP QAM	23.31	23.11	0.205	17.952	17952.0	18M0D7W
			DFT-s PI/2 BPSK	24.35	24.15	0.260	22.974	22974.0	23M0G7W
25	1862.5	1897.5	DFT-s QPSK DFT-s QAM	24.34 23.34	24.14 23.14	0.259	23.017 23.018	23017.0 23018.0	23M0G7W 23M0D7W
25	1002.0	1097.0	CP QPSK	23.34	23.14	0.208	23.018	23018.0	23M0G7W
			CP QF3K	24.37	23.14	0.201	23.017	23017.0	23M0D7W
			DFT-s PI/2 BPSK	24.32	24.12	0.258	28.661	28661.0	28M7G7W
			DFT-s QPSK	24.32	24.12	0.256	28.702	28702.0	28M7G7W
30	1865	1895	DFT-s QAM	23.38	23.18	0.208	28.716	28716.0	28M7D7W
			CP QPSK	24.27	24.07	0.255	28.702	28702.0	28M7G7W
			CP QAM	23.38	23.18	0.208	28.702	28702.0	28M7D7W
			DFT-s PI/2 BPSK	24.45	24.25	0.266	32.218	32218.0	32M2G7W
			DFT-s QPSK	24.33	24.13	0.259	32.248	32248.0	32M2G7W
35	1867.5	1892.5	DFT-s QAM	23.99	23.79	0.239	32.232	32232.0	32M2D7W
			CP QPSK	24.25	24.05	0.254	32.248	32248.0	32M2G7W
			CP QAM	23.97	23.77	0.238	32.248	32248.0	32M2D7W
			DFT-s PI/2 BPSK	24.45	24.25	0.266	38.784	38784.0	38M8G7W
10	1070	1000	DFT-s QPSK	24.33	24.13	0.259	38.689	38689.0	38M7G7W
40	1870	1890	DFT-s QAM CP QPSK	23.99 24.25	23.79 24.05	0.239	38.713 38.689	38713.0 38689.0	38M7D7W 38M7G7W
			CP QPSK CP QAM	24.25	24.05	0.234	38.713	38713.0	38M7D7W
EC ND Dond	nE Unlink fr	auonay band	: 824 to 849 MHz	23.71	23.11	0.230	30.713	30/13.0	30101/07/00
	Low	Upper	. 024 10 047 10112	Conducted	ERP	ERP			
Bandwidth	Frequency	Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emission
(MHz)	(MHz)	(MHz)	modulation	(dBm)	(dBm)	(W)	(MHz)	(kHz)	1900012000500
	(· ,	DFT-s PI/2 BPSK	24.39	19.84	0.096	4.4821	4482.1	4M48G7W
			DFT-s QPSK	24.44	19.89	0.097	4.4962	4496.2	4M50G7W
5	826.5	846.5	DFT-s QAM	23.44	18.89	0.077	4.5276	4527.6	4M53D7W
			CP QPSK	24.43	19.88	0.097	4.4962	4496.2	4M50G7W
			CP QAM	23.65	19.10	0.081	4.4962	4496.2	4M50D7W
			DFT-s PI/2 BPSK	24.32	19.77	0.095	8.9654	8965.4	8M97G7W
	1		DFT-s QPSK	24.42	19.87	0.097	8.9725	8972.5	8M97G7W
10 000		9 844	DFT-s QAM	23.26	18.71	0.074	9.0024	9002.4	9M00D7W
10	829	044	00.000/				8.9725	8972.5	8M97G7W
10	829	044	CP QPSK	24.38	19.83	0.096			
10	829	044	CP QAM	23.92	19.37	0.086	9.0024	9002.4	9M00D7W
10	829	044	CP QAM DFT-s PI/2 BPSK	23.92 24.48	19.37 19.93	0.086	9.0024 13.437	9002.4 13437.0	9M00D7W 13M4G7W
			CP QAM DFT-s PV2 BPSK DFT-s QPSK	23.92 24.48 24.40	19.37 19.93 19.85	0.086 0.098 0.097	9.0024 13.437 13.438	9002.4 13437.0 13438.0	9M00D7W 13M4G7W 13M4G7W
10	829 831.5	841.5	CP QAM DFT-s PV2 BPSK DFT-s QPSK DFT-s QAM	23.92 24.48 24.40 23.14	19.37 19.93 19.85 18.59	0.086 0.098 0.097 0.072	9.0024 13.437 13.438 13.483	9002.4 13437.0 13438.0 13483.0	9M00D7W 13M4G7W 13M4G7W 13M5D7W
			CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK	23.92 24.48 24.40 23.14 24.43	19.37 19.93 19.85 18.59 19.88	0.086 0.098 0.097 0.072 0.072	9.0024 13.437 13.438 13.483 13.483	9002.4 13437.0 13438.0 13483.0 13483.0	9M00D7W 13M4G7W 13M4G7W 13M5D7W 13M5D7W 13M4G7W
			CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM	23.92 24.48 24.40 23.14 24.43 23.77	19.37 19.93 19.85 18.59 19.88 19.22	0.086 0.098 0.097 0.072 0.097 0.097 0.084	9.0024 13.437 13.438 13.483 13.438 13.438	9002.4 13437.0 13438.0 13483.0 13438.0 13438.0	9M00D7W 13M4G7W 13M4G7W 13M5D7W 13M4G7W 13M4G7W 13M4D7W
-			CP QAM DFT-S PV2 BPSK DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK	23.92 24.48 24.40 23.14 24.43 23.77 24.45	19.37 19.93 19.85 18.59 19.88 19.22 19.90	0.086 0.098 0.097 0.072 0.097 0.084 0.098	9.0024 13.437 13.438 13.438 13.438 13.438 13.438 17.926	9002.4 13437.0 13438.0 13483.0 13438.0 13438.0 13438.0 17926.0	9M00D7W 13M4G7W 13M4G7W 13M5D7W 13M4G7W 13M4G7W 13M4D7W 17M9G7W
-			CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM	23.92 24.48 24.40 23.14 24.43 23.77	19.37 19.93 19.85 18.59 19.88 19.22	0.086 0.098 0.097 0.072 0.097 0.097 0.084	9.0024 13.437 13.438 13.483 13.438 13.438	9002.4 13437.0 13438.0 13483.0 13438.0 13438.0	9M00D7W 13M4G7W 13M4G7W 13M5D7W 13M4G7W 13M4G7W 13M4D7W
15	831.5	841.5	CP OAM DFT-S PI/2 BPSK DFT-S OAM CP OPSK CP OAM DFT-S PI/2 BPSK DFT-S QPSK	23.92 24.48 24.40 23.14 24.43 23.77 24.45 24.36	19.37 19.93 19.85 18.59 19.88 19.22 19.90 19.81	0.086 0.098 0.097 0.072 0.097 0.084 0.098 0.096	9.0024 13.437 13.438 13.438 13.438 13.438 13.438 17.926 17.931	9002.4 13437.0 13438.0 13483.0 13438.0 13438.0 13438.0 17926.0 17931.0	9M00D7W 13M4G7W 13M4G7W 13M5D7W 13M4G7W 13M4G7W 13M4D7W 17M9G7W 17M9G7W

5G NR Band	n7_Uplink fre	equency band	I: 2500 to 2570 MH	Z					
Bandwidth	Low	Upper		Conducted	EIRP	EIRP	99% BW	99% BW	
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emission
(vii iz)	(MHz)	(MHz)		(dBm)	(dBm)	(W)			
			DFT-s PI/2 BPSK	24.34	23.24	0.211	4.5078	4507.8	4M51G7W
	2502.5	05/3.5	DFT-s QPSK	24.30	23.20	0.209	4.499	4499.0	4M50G7W
5	2502.5	2567.5	DFT-s QAM	23.35	22.25	0.168	4.5051	4505.1	4M51D7W
			CP QPSK	24.22	23.12	0.205	4.499	4499.0	4M50G7W
			CP QAM	23.72	22.62	0.183	4.499	4499.0	4M50D7W
			DFT-s PI/2 BPSK DFT-s QPSK	24.34 24.32	23.24 23.22	0.211 0.210	8.9762	8976.2	8M98G7W 8M97G7W
10	2505	2565	DFT-S QPSK DFT-S QAM	24.32	23.22	0.210	8.9652 8.9955	8965.2 8995.5	9M00D7W
10	2000	2000	CP QPSK	23.20	23.35	0.165	8.9652	8965.2	9M00D7W 8M97G7W
			CP QPSK CP QAM	24.45	23.35	0.218	8.9955	8995.5	9M00D7W
			DFT-s PI/2 BPSK	23.60	22.50	0.178	13.453	13453.0	13M5G7W
			DFT-S QPSK	24.31	23.21	0.209	13.433	13433.0	13M4G7W
15	2507.5	2562.5	DFT-S QAM	23.24	23.10	0.208	13.432	13432.0	13M5D7W
15	2007.0	2002.0	CP QPSK	23.24	22.14	0.104	13.477	13477.0	13M4G7W
			CP QPSK CP QAM	24.22	23.12	0.205	13.432	13432.0	13M4D7W
			DFT-s PI/2 BPSK	23.04	23.24	0.100	13.432	17898.0	17M9G7W
			DFT-S QPSK	24.34	23.24	0.211	17.090	17898.0	17M9G7W
20	2510	2560		24.30	23.20	0.209	17.924	17924.0	18M0D7W
20	2510	2000	DFT-S QAM CP QPSK	23.41	23.15	0.170	17.955	17933.0	17M9G7W
			CP QPSK CP QAM	24.25	23.15	0.207	17.924	17924.0	18M0D7W
			DFT-s PI/2 BPSK	23.96	22.86	0.193	22.961	22961.0	23M0G7W
			DFT-S QPSK	24.33	23.25	0.211	22.901	22961.0	23M0G7W
05	2512.5	0557.5			23.19		22.99	22990.0	
25	2512.5	2557.5	DFT-s QAM	23.35		0.168			22M9D7W
			CP QPSK	24.30 23.97	23.20	0.209	22.99 22.935	22990.0	23M0G7W 22M9D7W
			CP QAM		22.87			22935.0	
			DFT-s PI/2 BPSK	24.21	23.11	0.205	28.628	28628.0 28595.0	28M6G7W
	0545	0555	DFT-s QPSK	24.19	23.09	0.204	28.595		28M6G7W
30	2515	2555	DFT-s QAM	23.37	22.27	0.169	28.648	28648.0	28M6D7W
			CP QPSK	24.26	23.16	0.207	28.595	28595.0	28M6G7W
			CP QAM	23.81	22.71	0.187	28.648	28648.0	28M6D7W
			DFT-s PI/2 BPSK	24.21	23.11	0.205	32.241	32241.0	32M2G7W
			DFT-s QPSK	24.19	23.09	0.204	32.218	32218.0	32M2G7W
35	2517.5	510500	DFT-s QAM	23.98	22.88	0.194	32.172	32172.0	32M2D7W
			CP QPSK	24.28	23.18	0.208	32.218	32218.0	32M2G7W
			CP QAM	23.60	22.50	0.178	32.172	32172.0	32M2D7W
			DFT-s PI/2 BPSK	24.21	23.11	0.205	38.685	38685.0	38M7G7W
			DFT-s QPSK	24.19	23.09	0.204	38.691	38691.0	38M7G7W
40	2520	2550	DFT-s QAM	23.98	22.88	0.194	38.675	38675.0	38M7D7W
			CP QPSK	24.28	23.18	0.208	38.691	38691.0	38M7G7W
			CP QAM	23.60	22.50	0.178	38.675	38675.0	38M7D7W
			DFT-s PI/2 BPSK	24.25	23.15	0.207	48.37	48370.0	48M4G7W
			DFT-s QPSK	24.24	23.14	0.206	48.486	48486.0	48M5G7W
50	2525	2545	DFT-s QAM	23.33	22.23	0.167	48.531	48531.0	48M5D7W
			CP QPSK	24.24	23.14	0.206	48.486	48486.0	48M5G7W
			CP QAM	23.43	22.33	0.171	48.531	48531.0	48M5D7W
5G NR Band			d : 699 to 716 MHz						•
Bandwidth	Low	Upper		Conducted	ERP	ERP	99% BW	99% BW	
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emission
(with iz)	(MHz)	(MHz)		(dBm)	(dBm)	(W)			
			DFT-s PI/2 BPSK	24.30	20.55	0.114	4.5019	4501.9	4M50G7W
			DFT-s QPSK	24.27	20.52	0.113	4.508	4508.0	4M51G7W
5	701.5	713.5	DFT-s QAM	23.39	19.64	0.092	4.5061	4506.1	4M51D7W
			CP QPSK	24.29	20.54	0.113	4.508	4508.0	4M51G7W
			CP QAM	23.84	20.09	0.102	4.508	4508.0	4M51D7W
			DFT-s PI/2 BPSK	24.37	20.62	0.115	8.9639	8963.9	8M96G7W
				24.33	20.58	0.114	8.9774	8977.4	8M98G7W
			DFT-s QPSK						
10	704	711	DFT-s QAM	23.47	19.72	0.094	9.0767	9076.7	9M08D7W
10	704	711	DFT-s QAM CP QPSK	23.47 24.24	19.72 20.49	0.112	8.9774	8977.4	8M98G7W
10	704	711	DFT-s QAM	23.47	19.72				
10	704	711	DFT-s QAM CP QPSK	23.47 24.24	19.72 20.49	0.112	8.9774	8977.4	8M98G7W
10		711	DFT-S QAM CP QPSK CP QAM	23.47 24.24 23.70	19.72 20.49 19.95	0.112	8.9774 9.0767	8977.4 9076.7	8M98G7W 9M08D7W
10	704	711	DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK	23.47 24.24 23.70 24.43	19.72 20.49 19.95 20.68	0.112 0.099 0.117	8.9774 9.0767 13.424	8977.4 9076.7 13424.0	8M98G7W 9M08D7W 13M4G7W
			DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QPSK	23.47 24.24 23.70 24.43 24.37	19.72 20.49 19.95 20.68 20.62	0.112 0.099 0.117 0.115	8.9774 9.0767 13.424 13.418	8977.4 9076.7 13424.0 13418.0	8M98G7W 9M08D7W 13M4G7W 13M4G7W

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS

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Bandwidth				Iz Conducted	EIRP	EIRP	1		
	Low Frequency	Upper Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emissio
(MHz)	(MHz)	(MHz)	modulation	(dBm)	(dBm)	(W)	(MHz)	(kHz)	1,900 01 21110500
	((DFT-s PI/2 BPSK	24.42	24.22	0.264	4.5135	4513.5	4M51G7W
			DFT-s QPSK	24.34	24.14	0.259	4.5074	4507.4	4M51G7W
5	1852.5	1912.5	DFT-s QAM	23.44	23.24	0.211	4.4972	4497.2	4M50D7W
-			CP QPSK	24.25	24.05	0.254	4.5074	4507.4	4M51G7W
			CP QAM	23.95	23.75	0.237	4.5074	4507.4	4M51D7W
			DFT-s PI/2 BPSK	24.53	24.33	0.271	8.9913	8991.3	8M99G7W
			DFT-s QPSK	24.36	24.16	0.261	8.9847	8984.7	8M98G7W
10	1855	1910	DFT-s QAM	23.48	23.28	0.201	9.0087	9008.7	9M01D7W
10	1055	1710	CP QPSK	24.26	24.06	0.255	8.9847	8984.7	8M98G7W
			CP QAM	23.97	23.77	0.233	9.0087	9008.7	9M01D7W
			DFT-s PI/2 BPSK	24.46	24.26	0.267	13.454	13454.0	13M5G7W
			DFT-s QPSK	24.32	24.12	0.258	13.441	13441.0	13M4G7W
15	1857.5	1907.5	DFT-s QAM	23.44	23.24	0.211	13.476	13476.0	13M5D7W
			CP QPSK	24.29	24.09	0.256	13.441	13441.0	13M4G7W
			CP QAM	23.94	23.74	0.237	13.441	13441.0	13M4D7W
			DFT-s PI/2 BPSK	24.52	24.32	0.270	17.913	17913.0	17M9G7W
			DFT-s QPSK	24.44	24.24	0.265	17.917	17917.0	17M9G7W
20	1860	1905	DFT-s QAM	23.45	23.25	0.211	17.95	17950.0	18M0D7W
			CP QPSK	24.28	24.08	0.256	17.917	17917.0	17M9G7W
			CP QAM	23.90	23.70	0.234	17.95	17950.0	18M0D7W
			DFT-s PI/2 BPSK	24.51	24.31	0.270	22.966	22966.0	23M0G7W
			DFT-s QPSK	24.47	24.27	0.267	23.014	23014.0	23M0G7W
25	1860	1905			22.99				
20	1000	1700	DFT-s QAM	23.19		0.199	23.013	23013.0	23M0D7W
			CP QPSK	24.30	24.10	0.257	23.014	23014.0	23M0G7W
			CP QAM	24.00	23.80	0.240	23.013	23013.0	23M0D7W
			DFT-s PI/2 BPSK	24.51	24.31	0.270	28.658	28658.0	28M7G7W
			DFT-s QPSK	24.47	24.27	0.267	28.66	28660.0	28M7G7W
30	1860	1905	DFT-s QAM	23.42	23.22	0.210	28.695	28695.0	28M7D7W
			CP QPSK	24.27	24.07	0.255	28.66	28660.0	28M7G7W
			CP QAM	23.78	23.58	0.228	28.695	28695.0	28M7D7W
	1		DFT-s PI/2 BPSK	24.49	24.29	0.269	32.241	32241.0	32M2G7W
			DFT-s QPSK	24.37	24.17	0.261	32.187	32187.0	32M2G7W
35	1867.5	1897.5	DFT-s QAM	23.97	23.77	0.201	32.107	32187.0	32M207W
35	1007.0	1077.0	CP QPSK	23.97	23.77	0.250	32.200	32208.0	32M2D7W 32M2G7W
			CP QAM	24.21	23.60	0.232	32.107	32107.0	
									32M2D7W
			DFT-s PI/2 BPSK	24.49	24.29	0.269	38.769	38769.0	38M8G7W
			DFT-s QPSK	24.37	24.17	0.261	38.671	38671.0	38M7G7W
40	1860	1905	DFT-s QAM	23.97	23.77	0.238	38.717	38717.0	38M7D7W
			CP QPSK	24.21	24.01	0.252	38.671	38671.0	38M7G7W
			CP QAM	23.80	23.60	0.229	38.717	38717.0	38M7D7W
G NR Band	n26 Part90s_	Uplink freque	ency band : 814 to 8	324 MHz					
	Low	Upper		Conducted	ERP	ERP			
landwidth	Frequency	Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emissi
(MHz)	(MHz)	(MHz)	woulditon	(dBm)	(dBm)	(W)	(MHz)	(kHz)	Type of Emissi
	(nn iz)	(1411 12)	DFT-s PI/2 BPSK	24.38	19.83	0.096	4.517	4517.0	4M52G7W
						0.095		4517.0	
			DFT-s QPSK	24.34	19.79		4.5006	4500.6	4M50G7W
	816.5			00.40				1505.0	
5	816.5	821.5	DFT-s QAM	23.10	18.55	0.072	4.5058	4505.8	4M51D7W
5	816.5	821.5	CP QPSK	24.24	18.55 19.69	0.072 0.093	4.5058 4.5006	4500.6	4M50G7W
5	816.5	821.5	CP QPSK CP QAM	24.24 23.58	18.55 19.69 19.03	0.072 0.093 0.080	4.5058 4.5006 4.5006	4500.6 4500.6	4M50G7W 4M50D7W
5	816.5	821.5	CP QPSK CP QAM DFT-s PV2 BPSK	24.24 23.58 24.47	18.55 19.69 19.03 19.92	0.072 0.093	4.5058 4.5006	4500.6	4M50G7W
5	816.5	821.5	CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK	24.24 23.58	18.55 19.69 19.03	0.072 0.093 0.080	4.5058 4.5006 4.5006 8.9677 8.96	4500.6 4500.6	4M50G7W 4M50D7W
5	816.5	821.5	CP QPSK CP QAM DFT-s PV2 BPSK	24.24 23.58 24.47	18.55 19.69 19.03 19.92	0.072 0.093 0.080 0.098	4.5058 4.5006 4.5006 8.9677	4500.6 4500.6 8967.7	4M50G7W 4M50D7W 8M97G7W
			CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK	24.24 23.58 24.47 24.30	18.55 19.69 19.03 19.92 19.75	0.072 0.093 0.080 0.098 0.094	4.5058 4.5006 4.5006 8.9677 8.96	4500.6 4500.6 8967.7 8960.0	4M50G7W 4M50D7W 8M97G7W 8M96G7W
			CP OPSK CP QAM DFT-s PV2 BPSK DFT-s OPSK DFT-s QAM	24.24 23.58 24.47 24.30 23.00	18.55 19.69 19.03 19.92 19.75 18.45	0.072 0.093 0.080 0.098 0.094 0.070	4.5058 4.5006 4.5006 8.9677 8.96 8.9913	4500.6 4500.6 8967.7 8960.0 8991.3	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W
10	819	819	CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QPSK DFT-S QAM CP QPSK CP QAM	24.24 23.58 24.47 24.30 23.00 24.10	18.55 19.69 19.03 19.92 19.75 18.45 19.55	0.072 0.093 0.080 0.098 0.094 0.070 0.070	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99G7W
10 G NR Band	819 n26_Uplink fi	819 requency ban	CP OPSK CP QAM DFT-s PI/2 BPSK DFT-s OPSK DFT-s QAM CP OPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99G7W
10	819 n26_Uplink fi Low	819 requency barr Upper	CP OPSK CP OAM DFT-s PI/2 BPSK DFT-s OPSK DFT-s OAM CP OPSK CP OAM d: 824 to 849 MHz	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99D7W 8M99D7W
10 G NR Band	819 n26_Uplink fr Low Frequency	819 requency ban Upper Frequency	CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QPSK DFT-S QAM CP QPSK CP QAM	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99D7W 8M99D7W
10 5 NR Band andwidth	819 n26_Uplink fi Low	819 requency barr Upper	CP OPSK CP OAM DFT-S PV2 BPSK DFT-S OPSK DFT-S OAM CP OPSK CP OAM d : 824 to 849 MHz Modulation	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm)	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.51 ERP Average (dBm)	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (W)	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 99% BW (MHz)	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kH2)	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99C7W 8M99D7W 7ype of Emissi
10 5 NR Band andwidth	819 n26_Uplink fr Low Frequency	819 requency ban Upper Frequency	CP OPSK CP OAM DFT-s PV2 BPSK DFT-s OPSK DFT-s OAM CP OPSK CP OAM d: 824 to 849 MHz Modulation DFT-s PV2 BPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88	0.072 0.093 0.080 0.098 0.094 0.090 0.090 0.085 ERP Average (W) 0.097	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 99% BW (MHz) 4.4849	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kH2) 4484.9	4M50G7W 4M50D7W 8M97G7W 8M996G7W 8M99D7W 8M99D7W 8M99D7W 7ype of Emissi 4M48G7W
10 G NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz)	819 Vpper Frequency ban Upper (MHz)	CP QPSK CP QAM DFTs PI/2 BPSK DFTs QPSK DFTs QAM CP QPSK CP QAM d: 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs QPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.40	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.85	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 99% BW (MH2) 4.4849 4.526	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kH2) 4484.9 4526.0	4M50G7W 4M50D7W 8M97G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 7ype of Emissi 4M48G7W 4M53G7W
10 5 NR Band andwidth	819 n26_Uplink fr Low Frequency	819 requency ban Upper Frequency	CP OPSK CP OAM DFTs PU2 BPSK DFTs OPSK CP OPSK CP OPSK CP OAM d: 824 to 849 MHz Modulation DFTs PU2 BPSK DFTs OPSK DFTs OPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.50	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.85 19.85 18.95	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.097	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.9913 8.99 8.9913 99% BW (MHz) 4.4849 4.526 4.5319	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kHz) 4484.9 4526.0 4531.9	4M50G7W 4M50D7W 8M99G7W 8M99G7W 8M99G7V 8M99D7W 8M99D7W 8M99D7W 4M48G7W 4M48G7W 4M48G7W 4M53D7W
10 G NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz)	819 Vpper Frequency ban Upper (MHz)	CP OPSK CP OAM DFTs PI2 BPSK DFTs OPSK DFTs OPSK CP OAM d: 824 to 849 MHz Modulation DFTs PI2 BPSK DFTs OPSK DFTs OPSK CP OASK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.40 23.50 24.16	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61	0.072 0.093 0.080 0.094 0.070 0.090 0.090 0.090 0.090 ERP Average (M) 0.097 0.097 0.097 0.079	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 99% BW (MHz) 4.4849 4.5319 4.5319 4.526	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kH2) 4484.9 4526.0 4531.9 4526.0	4M50G7W 4M50D7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 4M53G7W 4M53G7W 4M53G7W
10 G NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz)	819 Vpper Frequency ban Upper (MHz)	CP OPSK CP OAM DFT-S PI2 BPSK DFT-S OPSK CP OPSK CP OAM d: 824 to 849 MHz Modulation DFT-S PI2 BPSK DFT-S OPSK DFT-S OPSK CP OAM	24.24 23.58 24.47 23.00 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.50 24.16 23.96	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.55 19.55 19.55 19.88 19.88 19.88 19.88 19.85 18.95 19.61 19.41	0.072 0.093 0.080 0.094 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.097 0.097 0.079 0.091	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.95 8.96 8.95 8.95 8.95 8.95 8.95 8.95 8.95 8.95	4500.6 4500.6 8967.7 8960.0 8991.3 8990.3 8991.3 99% BW (kH2) 4484.9 4526.0 4526.0 4526.0	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 4M53G7W 4M53G7W 4M53D7W 4M53D7W
10 G NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz)	819 Vpper Frequency ban Upper (MHz)	CP OPSK CP OAM DFTs PI2 BPSK DFTs OPSK DFTs OPSK CP OPSK CP OAM d: 824 to 849 MHz Modulation DFTs PI2 BPSK DFTs OPSK DFTs OPSK CP OAM DFTs PI2 BPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.40 23.50 24.16 23.96 24.16 23.96	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (Bm) 19.88 19.85 18.95 19.85 18.95 19.41 19.41	0.072 0.093 0.080 0.094 0.070 0.090 0.090 0.090 0.090 ERP Average (M) 0.097 0.097 0.097 0.079	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 99% BW (MH2) 4.4849 4.526 4.5319 4.526 8.9689	4500.6 4500.6 8967.7 8960.0 8991.3 8990.3 8991.3 99% BW (kH2) 4484.9 4526.0 4526.0 8968.9	4M50G7W 4M50D7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 4M53G7W 4M53G7W 4M53G7W
10 G NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz)	819 Vpper Frequency ban Upper (MHz)	CP OPSK CP OAM DFT-S PI2 BPSK DFT-S OPSK CP OPSK CP OAM d: 824 to 849 MHz Modulation DFT-S PI2 BPSK DFT-S OPSK DFT-S OPSK CP OAM	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.50 24.16 23.96 24.44 24.39	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.55 19.55 19.55 19.88 19.88 19.88 19.88 19.85 18.95 19.61 19.41	0.072 0.093 0.080 0.094 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.097 0.097 0.079 0.091	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.9913 8.96 8.95 8.95 8.95 8.95 8.95 8.95 8.95 8.95	4500.6 4500.6 8967.7 8960.0 8991.3 8990.3 8991.3 99% BW (kH2) 4484.9 4526.0 4526.0 4526.0	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 4M53G7W 4M53G7W 4M53D7W 4M53D7W
10 G NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz)	819 Vpper Frequency ban Upper (MHz)	CP OPSK CP OAM DF1's PI2 BPSK DF1's OPSK CP OPSK CP OAM d :824 to 849 MHz Modulation DF1's OPSK DF1's OPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.40 23.50 24.16 23.96 24.16 23.96	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (Bm) 19.88 19.85 18.95 19.85 18.95 19.41 19.41	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.097 0.097 0.097 0.097	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 99% BW (MH2) 4.4849 4.526 4.5319 4.526 8.9689	4500.6 4500.6 8967.7 8960.0 8991.3 8990.3 8991.3 99% BW (kH2) 4484.9 4526.0 4526.0 8968.9	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53D7W 8M97G7W 8M97G7W 8M99D7W
10 G NR Band andwidth (MHz) 5	819 n26_Uplink fr Low Frequency (MHz) 826.5	819 Upper Frequency ban Frequency (MHz) 846.5	CP 0PSK CP 0AM DFT-5 PI/2 BPSK. DFT-5 0PSK DFT-5 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.50 24.16 23.96 24.44 24.39	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61 19.41 19.41 19.84	0.072 0.093 0.080 0.098 0.094 0.094 0.090 0.085 ERP Average (W) 0.097 0.097 0.097 0.097 0.079 0.079 0.079	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 99% BW (MHz) 4.4849 4.526 4.5319 4.526 4.526 8.9689 8.96774	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 8960.0 8991.3 99% BW (kH2) 4484.9 4526.0 4531.9 4526.0 4526.0 8968.9 8968.9 8968.9	4M50G7W 4M50D7W 8M99G7W 8M99D7W 8M99D7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 4M53D7W 4M53D7W 4M53D7W 4M53D7W 4M53D7W 8M99G7W 8M99G7W
10 G NR Band andwidth (MHz) 5	819 n26_Uplink fr Low Frequency (MHz) 826.5	819 Upper Frequency ban Frequency (MHz) 846.5	CP OPSK CP OAM DF1's PI2 BPSK DF1's OPSK CP OPSK CP OAM d :824 to 849 MHz Modulation DF1's OPSK DF1's OPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.40 23.50 24.43 24.40 23.50 24.44 23.96 24.44 23.38	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.85 19.85 19.85 19.85 19.85 19.91 19.41 19.89 19.41 19.89 19.83	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.097 0.097 0.097 0.091 0.087 0.097	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.99 8.9913 8.9913 8.9913 4.9913 4.4849 4.526 4.526 4.526 4.526 4.526 8.9689 8.9774	4500.6 4500.6 8960.0 8960.0 8991.3 8960.0 8991.3 99% BW (kHz) 4484.9 4526.0 4526.0 4521.9 4526.0 4526.0 8968.9 8977.4 9091.2	4M50G7W 4M50D7W 8M97G7W 8M96G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53D7W 8M97G7W 8M97G7W 8M99D7W
10 G NR Band andwidth (MHz) 5	819 n26_Uplink fr Low Frequency (MHz) 826.5	819 Upper Frequency ban Frequency (MHz) 846.5	СР ОРSK СР ОАМ DFT-S PI/2 BPSK DFT-S OPSK DFT-S OPSK CP ОАМ d: 824 to 849 MHz Modulation DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK DFT-S 0PSK DFT-S 0AM DFT-S PI/2 BPSK DFT-S 0AM DFT-S 0PSK DFT-S 0AM CP 0PSK DFT-S 0AM CP 0PSK DFT-S 0AM	24 24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.50 24.44 23.50 24.40 23.96 24.44 24.39 23.38 24.27 24.00	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61 19.41 19.84 19.84 19.84 19.84 19.84 19.84 19.84	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.096 0.094 0.088	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 99% BW (MHz) 4.4849 4.526 4.5319 4.526 4.526 8.9689 8.9774 9.09174	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 8960.0 8991.3 8990.3 8991.3 8991.3 8991.3 8991.3 4591.9 4526.0 4526.0 4526.0 4526.0 4526.0 8968.9 8989.7.4 9091.2	4MS0G7W 4MS0G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 7ype of Emissi 4M48G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W
10 G NR Band andwidth (MHz) 5	819 n26_Uplink fr Low Frequency (MHz) 826.5	819 Upper Frequency ban Frequency (MHz) 846.5	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM d : 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0AM CP 0PSK CP 0AM DFTs PI/2 BPSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.40 23.50 24.44 23.50 24.44 23.39 24.44 23.38 23.38 24.27 24.40 23.38	18.55 19.69 19.03 19.92 19.75 18.45 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61 19.41 19.89 19.61 19.41 19.89 19.84 18.83 19.72 19.92	0.072 0.093 0.080 0.098 0.094 0.070 0.085 ERP Average (W) 0.097 0.097 0.097 0.097 0.097 0.097 0.087 0.097 0.087 0.097 0.087 0.097 0.076 0.094 0.094 0.094 0.094	4.5058 4.5006 8.9677 8.96 8.9913 8.96 8.9913 8.96 8.9913 99% BW (MH2) 4.4849 4.526 4.526 4.526 4.526 8.9689 8.9774 9.0912 8.9774 9.0912	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 8960.0 8960.0 8960.0 8960.0 4890.0 4484.9 4484.9 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 8968.9 8977.4 9091.2 8977.4 9091.2	4MS0G7W 4MS0G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W
10 G NR Band tandwidth (MHz) 5 10	819 n26_Uplink fr Low Frequency (MHz) 826.5 829	819 Tequency ban Frequency (MHz) 846.5 844	CP 0PSK CP 0AM DFT-5 PI/2 BPSK. DFT-5 0PSK DFT-5 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK DFT-5 0PSK CP 0AM DFT-5 PI/2 BPSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.96 24.44 24.39 23.38 24.27 24.40 23.38 24.42	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP (dBm) 19.88 19.85 18.85 19.61 19.48 19.85 19.61 19.41 19.89 19.84 18.85 19.61 19.41 19.89 19.84 18.85 19.61 19.84 18.85 19.61 19.84 18.85 19.61 19.85 19.61 19.85	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.079 0.097 0.097 0.096 0.076 0.096 0.096 0.096 0.096 0.096 0.097 0.099 0.090 0.099 0.	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.96 8.9913 99% BW (MHz) 4.4849 4.5319 4.5319 4.5319 4.526 8.96774 9.0912 13.604 13.46	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kHz) 4484.9 4484.9 4526.0 4526.0 4526.0 4526.0 4526.0 8968.9 8977.4 9091.2 9091.2 13604.0	4MS0G7W 4MS0G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 7ype of Emissi 4M48G7W 4M48G7W 4M53D7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 9M09D7W 9M09D7W 9M09D7W 13M6G7W
10 G NR Band andwidth (MHz) 5	819 n26_Uplink fr Low Frequency (MHz) 826.5	819 Upper Frequency ban Frequency (MHz) 846.5	CP OPSK CP OAM DFT-S PI/2 BPSK DFT-S OPSK DFT-S OPSK CP OAM CP OPSK CP OAM d: 824 to 849 MHz Modulation DFT-S PI/2 BPSK DFT-S OPSK CP OAM DFT-S PI/2 BPSK DFT-S OPSK CP OAM DFT-S PI/2 BPSK DFT-S OAM CP OPSK CP OAM DFT-S PI/2 BPSK DFT-S OAM DFT-S PI/2 BPSK DFT-S OAM DFT-S OAM	24.24 23.58 24.47 24.47 24.30 23.86 Conducted Average (dBm) 24.43 23.50 24.40 23.50 24.44 23.50 24.44 23.50 24.44 23.38 24.27 23.38 24.47 24.47 24.47 24.47 24.47	18.55 19.69 19.03 19.92 19.75 18.45 18.45 19.55 19.51 ERP Average (dBm) 19.88 19.85 19.61 19.41 19.84 19.84 19.84 19.84 19.84 19.84 19.84 19.84 19.84 19.84 19.84 19.85 19.92 19.92 19.72	0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (M) 0.097 0.097 0.079 0.079 0.079 0.079 0.079 0.076 0.076 0.076 0.076 0.078	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.9913 8.9913 8.9913 8.9913 4.9914 4.526 4.527 4.526 4.527 4.526 4.527 4.526 4.526 4.526 4.527 4.526 4.526 4.526 4.527 4.5266 4.526 4.5266 4.5266 4.5266 4.5266 4.5266 4.5266 4.5666 4	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kH2) 4484.9 4526.0 4566.0 4566.0 456	4MS0G7W 4MS0G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 4MS3G7
10 S NR Band andwidth (MHz) 5 10	819 n26_Uplink fr Low Frequency (MHz) 826.5 829	819 Tequency ban Frequency (MHz) 846.5 844	CP 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK CP 0AM d : 824 to 849 MHz Modulation DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK	24.24 23.58 24.47 24.30 23.00 24.10 23.86 Conducted Average (dBm) 24.43 24.43 24.40 23.50 24.44 24.44 24.39 23.58 24.47 24.40 23.38 24.27 24.00 24.47 24.42 23.32 24.47	18.55 19.69 19.03 19.92 19.75 18.45 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.88 19.88 19.85 19.61 19.41 19.89 19.84 18.89 19.84 19.89 19.84 18.82 19.84 19.84 19.87 19.75	0.072 0.093 0.080 0.098 0.094 0.070 0.085 ERP Average (W) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.098 0.097 0.096 0.076 0.094 0.074 0.098	4.5058 4.5006 4.5006 8.9677 8.96 8.9913 8.9913 8.9913 8.9913 8.9913 8.9913 8.9913 8.9913 4.9913 4.526 4.5319 4.526 8.9689 8.9774 4.526 8.9689 8.9774 9.0912 8.9774 9.0912 8.9774 9.0912 8.3668 13.668 13.668	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 99% BW (kH2) 4526.0 4531.9 4526.0 4531.9 4526.0 8968.9 8977.4 9091.2 8977.4 9091.2 8977.4 9091.2 8977.4 9091.2	4MS0G7W 4MS0G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 4MA8G7W 4MA8G7W 4M53G7W 4M53D7W 8M99G7W 9M90D7W 8M99G7W 9M90D7W 13M6G7W 13M6G7W 13M6G7W
10 S NR Band andwidth (MHz) 5 10	819 n26_Uplink fr Low Frequency (MHz) 826.5 829	819 Tequency ban Frequency (MHz) 846.5 844	СР ОР5К СР ОАМ DFT-5 PU2 BP5K DFT-5 OP5K DFT-5 OP5K CP ОАМ CP 0P5K CP ОАМ d: 824 to 849 MHz Modulation DFT-5 PU2 BP5K DFT-5 0P5K DFT-5 0P5K DFT-5 0AM CP 0P5K DFT-5 0AM CP 0AM DFT-5 PU2 BP5K DFT-5 0AM CP 0AM DFT-5 PU2 BP5K DFT-5 0AM CP 0AM DFT-5 OP5K DFT-5 0AM CP 0AM CP 0AM CP 0AM CP 0AM CP 0AM CP 0AM CP 0AM	24.24 23.58 24.47 24.47 24.30 23.86 Conducted Average (dBm) 24.43 24.40 24.40 24.43 23.50 24.16 23.96 23.96 23.96 24.44 23.39 24.39 24.00 24.47 24.00 24.47 24.00 24.47 24.30 24.00 24.47 24.30 24.30 24.00 24.47 23.38 24.47 24.30 24.30 24.47 24.30 24.47 24.30 24.47 24.30 24.47 24.30 24.47 24.30 24.47 24.30 24.47 24.50 24.47 24.50 24.47 24.50 24.47 24.50 24.40 24.50 24.40 23.52 24.40 23.52 24.50 24.5	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.55 19.55 19.55 19.55 19.55 19.84 19.85 19.85 19.85 19.81 19.84 19.84 19.84 19.84 19.84 19.72 19.45 19.75	0.072 0.093 0.080 0.098 0.098 0.098 0.099 0.097 0.080 0.085 ERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.087 0.097 0.097 0.086 0.088 0.098 0.098	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 9974 4 4849 4 526 4 526 526 527 527 527 527 527 527 527 527 527 527	4500.6 4500.6 8967.7 8960.0 8991.3 99% BW (kHz) 4484.9 4526.0 4524.0 4524.0 4524.0 4524.0 4524.0 4524.0 9977.4 9091.2 8968.9 8977.4 9091.2 13604.0 13460.0 13460.0	4MS0G7W 4MS0G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99C7W 8M99C7W 8M99C7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W
10 S NR Band andwidth (MHz) 5 10	819 n26_Uplink fr Low Frequency (MHz) 826.5 829	819 Tequency ban Frequency (MHz) 846.5 844	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM d : 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK CP 0AM DFTs 0PZ BPSK DFTs 0PSK CP 0AM DFTs 0PZ BPSK DFTs 0AM CP 0PSK CP 0AM DFTs 0AM CP 0PSK DFTs 0AM DFTs 0AM CP 0PSK DFTs 0AM CP 0AK DFTs 0AM CP 0AK DFTs 0AM CP 0AK CP 0AK CP 0AK CP 0AK DFTs 0AK CP 0AK DFTs 0AK CP 0AK CP 0AK CP 0AK CP 0AK CP 0AK DFTS 0AK CP 0AK CP 0AK DFTS 0AK CP 0AK DFTS 0AK CP 0AK C	24.24 23.58 24.47 24.30 23.00 24.10 24.10 24.10 24.10 24.40 24.41 24.42 24.40 23.50 24.43 24.40 23.50 24.43 24.42 24.42 24.27 24.00 24.47 24.42 23.32 24.30 23.88 24.48	18.55 19.69 19.03 19.92 19.75 18.45 19.55 ERP Average (dBm) 19.31 ERP Average (dBm) 19.31 19.31 19.31 19.31 19.85 19.61 19.45 19.85 19.61 19.85 19.61 19.85 19.84 19.85 19.84 19.85 19.84 19.85 19.95	0.072 0.093 0.080 0.098 0.098 0.098 0.070 0.070 0.085 ERP Average (W) 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.086 0.098 0.098 0.098 0.098 0.099 0.094 0.086 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.098 0.097 0.088 0.098 0.088 0.098 0.088 0.098 0.08 0.088 0.088 0.088 0.088 0.088 0.088 0.088 0.088 0.0	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 96 8 9913 8 99 6 8 9913 8 99 6 8 9913 8 9978 8 9978 8 9978 8 9978 8 9978 8 9978 4 526 4 526 4 526 4 526 4 526 8 9677 4 526 8 9677 4 526 8 9677 4 526 8 9774 9 0912 1 3.648 1 3.46 1 3.46 1 3.46	4500.6 4500.6 8967.7 8960.0 8991.3 8991.3 8991.3 8991.3 8991.3 8991.3 8997.4 4844.9 4526.0 4526.0 8968.9 8977.4 9091.2 8977.4 9091.2 13604.0 13460.0 13460.0	4MSGG7W 4MSGG7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99G7W 4MSG7W 4MSG7W 4MSG7W 4MSG7W 4MSG7W 8M99G7W 8M99G7W 8M99G7W 9M9907W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M99D7W 9M907W 9
10 is NR Band andwidth (MHz) 5 10 15	819 n26_Uplink fr Low Frequency (MH2) 826.5 829 831.5	819 requency ban Upper Frequency (MHz) 846.5 844 841.5	СР ОР5К СР ОАМ DF1-5 PI/2 BP5K. DF1-5 OP5K CP ОАМ CP 0P5K CP ОАМ d: 824 to 849 MHz Modulation DF1-5 PI/2 BP5K DF1-5 0P5K CP ОАМ DF1-5 PI/2 BP5K DF1-5 0AM CP 0P5K CP 0AM DF1-5 OP5K CP 0P5K CP 0P5K C	24.24 23.58 24.47 24.30 23.47 24.10 23.86 Conducted Average (dBm) 24.43 24.40 24.40 23.50 24.44 23.50 24.44 23.96 24.44 24.33 24.27 24.00 24.47 24.40 24.42 24.33 22.88 24.48 24.44	18.55 19.69 19.03 19.92 19.75 19.75 19.75 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61 19.41 19.89 19.61 19.84 19.84 19.84 19.92 19.84 19.92 19.92 19.75 19	0.072 0.072 0.093 0.080 0.098 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.098 0.09 0.09	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 99 8 9913 8 9914 4 526 4 526 4 526 4 526 4 526 4 526 4 526 8 96917 8 9774 9 0912 8 9774 9 0912 13 604 13 46 13 46 13 46 18 122 18 028 18	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 8960.0 8991.3 8960.0 8991.3 4826.0 4484.9 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 8968.9 9091.2 3560.4 9091.2 13604.0 13660.0 13660.0 13460.0 13460.0 13460.0	4M50G7W 4M50G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99G7W 8M97G7
10 S NR Band andwidth (MHz) 5 10	819 n26_Uplink fr Low Frequency (MHz) 826.5 829	819 Tequency ban Frequency (MHz) 846.5 844	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz DFTs 0PSK DFTs 0PSK DFTs 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0AM CP 0AM DFTs PI/2 BPSK DFTs 0AM CP 0AM DFTs PI/2 BPSK DFTs 0AM DFTs 0AM	24.24 23.58 23.58 23.47 24.47 24.30 23.00 24.10 23.00 24.10 23.00 24.18 24.43 24.40 24.44 24.40 24.16 23.50 24.16 23.96 24.16 23.96 24.47 24.447 24.47	18.55 19.69 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.61 19.88 19.61 19.89 19.61 19.89 19.61 19.89 19.61 19.89 19.81 19.89 19.72 19.72 19.75 19.75 19.75 19.75 19.75 19.75 19.75	0.072 0.098 0.098 0.099 0.099 0.099 0.070 0.090 0.085 ERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.094 0.097 0.094 0.098 0.08 0.0	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 99 8 9913 99% BW (MH2) 4 4849 4 526 4 526 5 8 9089 8 90977 1 3.604 1 3.46 1 3.46 1 8.112 1 8.013 8 138 8 18.138 8 18.138 8 18.138 1 8 18	4500.6 4500.6 4500.6 8967.7 8960.0 8991.3 8991.3 8991.3 8991.3 8991.3 8991.4 484.9 4484.9 4484.9 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 18112.0	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99G7W 9M99D7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 8M97G7W 8M97G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W
10 is NR Band andwidth (MHz) 5 10 15	819 n26_Uplink fr Low Frequency (MH2) 826.5 829 831.5	819 requency ban Upper Frequency (MHz) 846.5 844 841.5	СР ОР5К СР ОАМ DF1-5 PI/2 BP5K. DF1-5 OP5K CP ОАМ CP 0P5K CP ОАМ d: 824 to 849 MHz Modulation DF1-5 PI/2 BP5K DF1-5 0P5K CP ОАМ DF1-5 PI/2 BP5K DF1-5 0AM CP 0P5K CP 0AM DF1-5 OP5K CP 0P5K CP 0P5K C	24.24 23.58 24.47 24.30 23.47 24.10 23.86 Conducted Average (dBm) 24.43 24.40 24.40 23.50 24.44 23.50 24.44 23.96 24.44 24.33 24.27 24.00 24.47 24.40 24.42 24.33 22.88 24.48 24.44	18.55 19.69 19.03 19.92 19.75 19.75 19.75 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61 19.41 19.89 19.61 19.84 19.84 19.84 19.92 19.84 19.92 19.92 19.75 19	0.072 0.072 0.093 0.080 0.098 0.098 0.094 0.070 0.090 0.085 ERP Average (W) 0.097 0.098 0.09 0.09	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 99 8 9913 8 9914 4 526 4 526 4 526 4 526 4 526 4 526 4 526 8 96917 8 9774 9 0912 8 9774 9 0912 13 604 13 46 13 46 13 46 18 122 18 028 18	4500.6 4500.6 8967.7 8960.0 8991.3 8960.0 8991.3 8960.0 8991.3 8960.0 8991.3 4826.0 4484.9 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 8968.9 9091.2 3560.4 9091.2 13604.0 13660.0 13660.0 13460.0 13460.0 13460.0	4M50G7W 4M50G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W 8M99G7W 8M97G7
10 is NR Band andwidth (MHz) 5 10 15	819 n26_Uplink fr Low Frequency (MH2) 826.5 829 831.5	819 requency ban Upper Frequency (MHz) 846.5 844 841.5	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz DFTs 0PSK DFTs 0PSK DFTs 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0AM CP 0AM DFTs PI/2 BPSK DFTs 0AM CP 0AM DFTs PI/2 BPSK DFTs 0AM DFTs 0AM	24.24 23.58 23.58 23.447 24.30 23.00 24.10 23.00 24.10 23.00 24.18 24.43 24.40 24.43 24.40 24.16 23.96 24.16 23.96 24.16 23.96 24.16 23.96 24.47	18.55 19.69 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.61 19.88 19.61 19.89 19.61 19.89 19.61 19.89 19.61 19.89 19.81 19.89 19.72 19.72 19.75 19.75 19.75 19.75 19.75 19.75 19.75	0.072 0.098 0.098 0.098 0.098 0.098 0.098 0.099 0.070 0.085 ERP Average (M) 0.085 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.094 0.097 0.094 0.098 0.08 0.0	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 99 8 9913 99% BW (MH2) 4 4849 4 526 4 526 5 8 9089 8 90977 1 3.604 1 3.46 1 3.46 1 8.112 1 8.013 8 138 8 18.138 8 18.138 8 18.138 1 8 18	4500.6 4500.6 4500.6 8967.7 8960.0 8991.3 8991.3 8991.3 8991.3 8991.3 8991.4 484.9 4484.9 4484.9 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 18112.0	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99G7W 9M99D7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 8M97G7W 8M97G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W
10 INR Band andwidth (WHz) 5 10 15 20	819 n26_Uplink fi Low Fequency (MHz) 826.5 829 831.5 834	819 Upper Frequency ban Prequency (MHz) 846.5 844 841.5 841.5	CP 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK CP 0AM d : 824 to 849 MHz Modulation DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 24.12 24.12 24.12 24.12 24.12 24.43 24.40 24.43 24.40 24.44 24.40 24.44 24.33 24.23 24.23 24.47 24.48 24.27	18.55 19.65 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.88 19.88 19.88 19.84 19.85 19.81 19.82 19.83 19.41 19.84 19.85 19.41 19.82 19.45 19.45 19.33 19.33 19.89 18.80 19.71	0.072 0.098 0.098 0.099 0.099 0.099 0.085 ERP Average (M) 0.097 0.079 0.097 0.079 0.079 0.079 0.079 0.079 0.079 0.076 0.076 0.068 0.098 0.097 0.075 0.075 0.076 0.068 0.097 0.076 0.07 0.07	4 5058 4 5006 4 5006 8 9677 8 96 8 9913 8 96 8 9913 99% BW (MHz) 4 4849 4 526 4 526 4 526 4 526 8 9773 8 9774 4 526 4 526 8 9773 8 977 8 977 8 977 8 977 8 975 8 993 8 994 8 995 8 997 8 995 8 997 8 995 8 997 8 995 8 997 8 995 8 997 8 995 8 997 8 977 8 907 8 907	4500.6 4500.6 8967.7 8960.0 8991.3 8991.3 8991.3 8990.0 8991.3 8990.0 8991.3 4826.0 4526.0 4526.0 4526.0 4526.0 4526.0 8968.9 8977.4 9091.2 8977.4 9091.2 8977.4 9091.2 13604.0 13660.0 13660.0 13660.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0 13460.0	4MS0G7W 4MS0G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 4M63G7W 8M97G7W 8M97G7W 13M6G7W 13M6G7W 13M6G7W 13M607
INR Band andwidth (MHz) 5 10 15 20 	819 n26 Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 n30 Uplink fr	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban	СР ОР5К СР ОАМ DFT-5 PU2 BP5K DFT-5 OP5K DFT-5 OP5K CP ОАМ CP 04 Modulation DFT-5 PU2 BP5K DFT-5 04M CP 04 DFT-5 PU2 BP5K DFT-5 04M CP 04 DFT-5 PU2 BP5K DFT-5 04M CP 04 DFT-5 PU2 BP5K DFT-5 04 DFT-5 04 D	24.24 23.58 24.47 24.30 23.00 24.10 23.00 24.10 23.00 24.10 23.00 24.13 24.43 24.40 23.50 24.43 24.40 23.50 24.44 24.39 23.39 24.27 24.00 24.47 24.42 23.32 24.27 24.00 23.88 24.42 23.38 24.44 24.44 23.54 24.26 23.54 42	18.55 19.69 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.88 19.85 19.86 19.87 19.88 19.85 19.41 19.89 19.71 19.89 19.72 19.81 19.71 19.82 19.72 19.84 19.75 19.87 18.79 19.87 18.79 19.89 18.80 19.71 18.99	0.072 0.093 0.098 0.098 0.099 0.099 0.099 0.085 ERP Average (W) 0.097 0.087 0.094 0.094 0.094 0.079 0.075 0.094 0.079 0.075 0.094 0.079 0.075 0.094 0.079 0.075 0.094 0.079 0.075 0.075 0.094 0.079 0.075 0.075 0.094 0.079 0.075 0.075 0.094 0.079 0.075 0.075 0.075 0.094 0.075 0.075 0.075 0.075 0.075 0.075 0.094 0.075 0.	4 5056 4 5006 4 5006 8 9677 4 5006 8 9677 5 978 5 978 5 978 5 978 5 978 5 9798 5 9798 5 9798 5 9798 5 9798 5 9798 5 9798 5 9774 4 4529 4 4529 4 4529 4 4529 5 9784 5 20 9791 3 5604 7 13 46 13 45 13 13 45 13 13 14 13 13 14 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	4500.6 4500.6 8967.7 8960.0 9971.3 8960.0 9978.8991.3 8960.0 9978.8991.3 8960.0 9978.8991.3 9978.8991.3 4480.9 4420.0 4420.0 4531.9 4426.0 4531.9 4426.0 4531.9 4526.0 4531.9 9977.4 20901.2 13660.0 13460.0 13460.0 131364	4MS0G7W 4MS0G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 7ype of Emissi 4M48G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 8M99G7W 8M99G7W 8M99G7W 13M67W 13M67W 13M7W 13M67W 13M7W 13W7W 13M7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 13
10 S NR Band ddh (MHz) 5 10 15 20 S NR Band andwidth	819 n26_Uplink fr Low FLow (MH2) 826.5 829 831.5 834 n30_Uplink fr Low	819 Upper Frequency ban 846.5 844 841.5 839 requency ban Upper	CP 0PSK CP 0AM DFT-s PI/2 BPSK DFT-s 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-s PI/2 BPSK DFT-s 0PSK DFT-s 0PSK CP 0AM DFT-s PI/2 BPSK DFT-s 0AM CP 0PSK CP 0AM CF 0PSK DFT-s 0AM CP 0PSK DFT-s 0AM CP 0PSK DFT-s 0AM CP 0PSK DFT-s 0AM CP 0PSK DFT-s 0AM CP 0PSK CP 0AM CP 0PSK	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 24.43 24.41 24.43 24.43 24.44 24.30 24.43 24.44 24.30 24.44 24.39 23.38 24.47 24.42 23.32 24.40 24.42 23.38 24.42 23.58 24.44 23.55 4 42 23.55 4 42 20 20 20 20 20 20 20 20 20 20 20 20 20	18.55 19.69 19.03 19.92 19.75 18.45 19.55 19.31 ERP Average (dBm) 19.88 19.85 18.95 19.61 19.41 19.89 19.61 19.41 19.89 19.41 19.89 19.75 19	0.072 0.093 0.098 0.098 0.094 0.070 0.090 0.085 ERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.076 0.098 0.076 0.076 0.098 0.088 0.098 0.088 0.098 0.088 0.098 0.088 0.098 0.088 0.098 0.088 0.098 0.088 0.	4 5056 4 5006 4 5006 8 9677 4 5006 8 9677 9 9971 3 504 4 5526 9 5774 9 9713 3 504 4 5526 9 5764 9 5764 9 5764 9 5764 9 5764 9 5764 9 5764 9 5764 9 5764 9 5764 9 5764 9 5774 9 57	4500.6 4500.6 4800.7 8960.0 9991.3 9990.3 9994.8 9991.3 9994.8 9991.3 9994.8 4649.9 4649.9 4626.0 4629.0 4629.4 46	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M97G7W 80070 80
10 SNR Band andwidth (MHz) 5 10 15 20 SNR Band	819 n26. Uplink fi Low FQWF (MHz) 826.5 829 831.5 834 n30. Uplink fi Low Frequency	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency ban	СР ОР5К СР ОАМ DFT-5 PU2 BP5K DFT-5 OP5K DFT-5 OP5K CP ОАМ CP 04 Modulation DFT-5 PU2 BP5K DFT-5 04M CP 04 DFT-5 PU2 BP5K DFT-5 04M CP 04 DFT-5 PU2 BP5K DFT-5 04M CP 04 DFT-5 PU2 BP5K DFT-5 04 DFT-5 04 D	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 23.00 24.10 23.00 24.12 24.43 24.40 24.44 24.40 24.16 23.96 24.44 24.39 24.27 24.40 24.42 24.42 24.42 24.42 24.42 24.42 24.44 24.44 24.30 24.44 24.44 24.30 24.45 24.44 24.44 24.30 24.45 24.44 24.45	18.55 19.69 19.03 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.89 19.61 19.89 19.61 19.89 19.61 19.89 19.61 19.89 19.84 19.89 19.84 19.89 19.84 19.89 19.72 19.72 19.75 19.92 19.75 19.93 19.93 19.93 19.93 19.93 19.93	0.072 0.093 0.080 0.098 0.099 0.070 0.090 EERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.094 0.096 0.097 0.094 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0.088 0.098 0.097 0.094 0	4 5056 4 5006 4 5006 8 9677 4 5006 8 9677 5 978 5 978 5 978 5 978 5 978 5 9798 5 9798 5 9798 5 9798 5 9798 5 9798 5 9798 5 9774 4 4529 4 4529 4 4529 4 4529 5 9784 5 20 9791 3 5604 7 13 46 13 45 13 13 45 13 13 14 13 13 14 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	4500.6 4500.6 8967.7 8960.0 9971.3 8960.0 9978.8991.3 8960.0 9978.8991.3 8960.0 9978.8991.3 9978.8991.3 4480.9 4420.0 4420.0 4531.9 4426.0 4531.9 4426.0 4531.9 4526.0 4531.9 9977.4 20901.2 13660.0 13460.0 13460.0 131364	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M97G7W 80070 80
10 S NR Band ddh (MHz) 5 10 15 20 S NR Band andwidth	819 n26_Uplink fr Low FLow (MH2) 826.5 829 831.5 834 n30_Uplink fr Low	819 Upper Frequency ban 846.5 844 841.5 839 requency ban Upper	CP 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0AM CP 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0AM CP 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0AM CP 0PSK CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK	24.24 23.58 24.47 24.30 23.40 24.10 24.10 24.10 24.10 24.40 24.40 24.40 24.40 24.40 24.41 24.40 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 23.32 24.44 24.24 24.25 24.45 24.44 24.25 24.45	18.55 19.69 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.85 19.31 19.85 19.31 19.85 19.81 19.82 19.83 19.84 18.89 19.41 19.89 19.41 19.82 19.45 19.92 19.83 19.75 19.33 19.89 18.80 19.71 19.89 18.80 19.71 19.89 18.80 19.71 18.99 EIRP Average (dBm)	0.072 0.072 0.098 0.098 0.098 0.099 0.099 0.085 ERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.079 0.097 0.076 0.076 0.076 0.088 0.098 0.075 0.076 0.074 0.086 0.098 0.075 0.074 0.074 0.	4 5056 4 5006 4 5006 8 9677 8 5006 8 9677 8 5006 8 9677 8 5006 8 9677 8 5006 8 9677 8 500 500 500 500 500 500 500 500 500 5	4500.6 4500.6 8967.7 8660.0 8967.3 8960.0 8971.3 8960.0 8971.3 8960.0 8971.4 8971.3 8960.0 8971.4 4640.0 4464.9 4455.0 99% BW 6472.4 4550.0 8977.4 4550.0 8977.4 4550.0 8977.4 4550.0 8977.4 4550.0 8977.4 4550.0 8977.4 8977.4 4550.0 8977.4 8977.4 4550.0 8977.4 8977.4 4550.0 8977.4 89777.4 89777.4 8977.4 8977.4 8977.4 8977.4 8977.4 8977.4 8977.4	4MS0G7W 4MS0G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 4M63G7W 4M63G7W 4M63G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 13M67W 13M67W
10 S NR Band ddh (MHz) 5 10 15 20 S NR Band andwidth	819 n26. Uplink fi Low FQWF (MHz) 826.5 829 831.5 834 n30. Uplink fi Low Frequency	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency ban	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs 0AM CP 0PSK CP 0AM DFTs 0AM CP 0AM CP 0AM DFTS 0AM CP 0AM	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 23.00 24.10 23.00 24.13 24.13 24.43 24.43 24.40 23.36 24.16 23.36 24.16 23.36 24.16 23.36 24.44 24.39 24.47	18.55 19.69 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.45 19.41 19.88 19.41 19.88 19.41 19.89 19.61 19.89 19.61 19.89 19.61 19.89 19.41 19.89 19.41 19.92 19.72 19.72 19.72 19.75 19.77 19.75 19.77 19.7	0.072 0.098 0.098 0.099 0.099 0.099 0.085 ERP Average (M) 0.097 0.098 0.025 0.	4 5056 4 5006 4 5006 8 9677 4 5006 8 9677 8 9677 8 9677 8 9679 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 9774 9 0512 8 96774 9 0512 8 96774 9 0512 8 96774 9 0512 8 96774 9 1346 1346 131346 131346 131346 131346 181128 181	4500.6 4500.6 8967.7 8960.0 9978.3 9998.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9979.2 13664.0 13460.0 9971.2 13664.0 13460.0 13126.0 13460.0 113126.0 13126.0	4MS0G7W 4MS0G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 4MS3G7W 18M9G7W 18M67W 18M67W 18M7000000000000000000000000000000000000
10 5 NR Band andwidth (MHz) 5 10 10 5 NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 100 Frequency (MHz)	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz)	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM DFTs 0PSK	24.24 23.58 24.47 24.30 23.00 24.10 24.10 24.10 24.10 24.12 24.41 24.40 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 23.36 23.54 2 2 2 3 .60 23.76	18.55 19.69 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.88 19.86 19.87 19.88 19.86 19.81 19.82 19.84 19.85 19.41 19.89 19.72 19.45 19.77 19.87 18.77 19.79 19.87 18.77 19.79 19.89 18.99 ERP Average (dBm) 24.00 23.96	0.072 0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (M) 0.097 0.079 0.097 0.079 0.079 0.079 0.079 0.079 0.079 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.075 0.097 0.075 0.079 0.075 0.079 0.075 0.075 0.079 0.075 0.075 0.079 0.075 0.	4 5056 4 5006 4 5006 4 5006 4 5006 8 9677 4 5006 8 9677 9 9791 3 8 506 8 99913 9 9995 8 99913 9 9995 8 99913 9 9995 8 99913 4 4849 4 526 4 5319 4 4526 4 5319 4 4526 4 5319 3 406 99972 1 3 604 1 3 406 1 3 40	4500.6 4500.6 4800.7 8960.0 9991.3 8990.3 8990.3 8990.3 8990.3 8991.3 8990.0 9995.4 8991.3 8990.0 8991.3 8990.3 9996.4 4520.0 4520.0 4520.0 4520.0 4520.0 4520.0 8977.4 4520.0 4520.0 8977.4 4520.0 4520.0 8977.4 4520.0 13640.0 13740.0 13640.0 13740.0 14774	AMSOGAW AMSOGAW BM97G7W BM97G7W BM99G7W BM99G7W BM99D7W BM99D7W BM99D7W BM99G7W AMSG7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 8M99G7W BM99G7W 9M99D7W BM99G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6D7W 13M6G7W 13M6D7W
10 S NR Band ddh (MHz) 5 10 15 20 S NR Band andwidth	819 n26. Uplink fi Low FQWF (MHz) 826.5 829 831.5 834 n30. Uplink fi Low Frequency	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency ban	СР ОРSK СР ОАМ DFT-S 0PSK DFT-S OPSK DFT-S OPSK CP ОАМ CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-S 0PSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM DFT-S 0PSK DFT-S 0AM CP 0PSK CP 0AM DFT-S 0PSK DFT-S 0AM CP 0PSK CP 0AM DFT-S 0PSK DFT-S 0AM CP 0PSK CP 0AM DFT-S 0PSK DFT-S 0AM CP 0AM CP 0AM CP 0AM CP 0AM DFT-S 0AM CP 0AM CP 0AM DFT-S 0AM CP 0	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 23.00 24.13 24.13 24.43 24.43 24.43 24.43 24.44 24.39 24.44 24.44 24.39 24.44 24.43 24.44 24.43 24.44 24.43 24.44 24.47 24.48 24.47 24.48	18.55 19.69 19.03 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.85 19.61 19.88 19.41 19.89 19.61 19.89 19.61 19.89 19.61 19.89 19.61 19.92 19.92 19.72 19.72 19.75 19.72 19.75 19.77 19.75 19.77 19.7	0.072 0.098 0.098 0.099 0.099 0.099 0.085 ERP Average (M) 0.097 0.098 0.025 0.	4 5056 4 5006 4 5006 8 9677 4 5006 8 9677 8 9677 8 9677 8 9679 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 979 8 9774 9 0512 8 96774 9 0512 8 96774 9 0512 8 96774 9 0512 8 96774 9 1346 1346 131346 131346 131346 131346 181128 181	4500.6 4500.6 8967.7 8960.0 9978.3 9998.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9978.9 9979.2 13664.0 13460.0 9971.2 13664.0 13460.0 13126.0 13460.0 113126.0 13126.0	4M50G7W 4M50G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W 8M99D7W 8M99C7W 8M99C7W 8M97G7W 8M97G7W 8M97G7W 8M97G7W 8M97G7W 8M97G7W 8M96G7W 13M67W 13M7W 13M7W 13M7W 13M67W 13M7W 13W7W 13M7W 13M7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 13W7W 1
10 5 NR Band andwidth (MHz) 5 10 10 5 NR Band andwidth (MHz)	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 100 Frequency (MHz)	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz)	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM DFTs 0PSK	24.24 23.58 24.47 24.30 23.00 24.10 24.10 24.10 24.10 24.12 24.41 24.40 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 23.36 23.54 2 2 2 3 .60 23.76	18.55 19.69 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.88 19.86 19.87 19.88 19.86 19.81 19.82 19.84 19.85 19.41 19.89 19.72 19.45 19.77 19.87 18.77 19.79 19.87 18.77 19.79 19.89 18.99 ERP Average (dBm) 24.00 23.96	0.072 0.072 0.093 0.080 0.098 0.094 0.070 0.090 0.085 ERP Average (M) 0.097 0.079 0.097 0.079 0.079 0.079 0.079 0.079 0.079 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.075 0.097 0.075 0.079 0.075 0.079 0.075 0.075 0.079 0.075 0.075 0.079 0.075 0.	4 5056 4 5006 4 5006 4 5006 4 5006 8 9677 4 5006 8 9677 9 9791 3 8 506 8 99913 9 9995 8 99913 9 9995 8 99913 9 9995 8 99913 4 4849 4 526 4 5319 4 4526 4 5319 4 4526 4 5319 3 406 99972 1 3 604 1 3 406 1 3 40	4500.6 4500.6 4800.7 8960.0 9991.3 8990.3 8990.3 8990.3 8990.3 8991.3 8990.0 9995.4 8991.3 8990.0 8991.3 8990.3 9996.4 4520.0 4520.0 4520.0 4520.0 4520.0 4520.0 8977.4 4520.0 4520.0 8977.4 4520.0 4520.0 8977.4 4520.0 13640.0 13740.0 13640.0 13740.0 14774	AMSOGAW AMSOGAW BM97G7W BM97G7W BM99G7W BM99G7W BM99D7W BM99D7W BM99D7W BM99G7W AMSG7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 8M99G7W BM99G7W 9M99D7W BM99G7W 13M6G7W 13M6G7W 13M6G7W 13M6G7W 13M6D7W 13M6G7W 13M6D7W
10 S NR Band andwidth (MH2) 5 10 10 5 S NR Band (MH2)	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 100 Frequency (MHz)	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz)	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0PSK DFTs 0AM CP 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0PSK DFTs 0AM CP 0AM CP 0PSK DFTS 0AM CP	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 23.00 24.10 23.00 24.12 24.43 24.44 24.40 24.16 23.96 24.14 24.44 24.39 24.27 24.40 24.47 24.42 24.42 24.42 24.42 24.42 24.44 24.44 24.35 24.44 24.44 24.35 24.44 24.44 24.35 24.45 24.44 24.45 24.44 24.35 24.45 24.44 24.45 24.44 24.45 24.45 24.44 24.45 24.25 24.45 24.45 24.45 24.25 24.45 24.25 24.45 24.25 24.45 24.25 24.45 24.25 24.45 24.45 24.25 24.45 24.25 24.45 24.25 24.45 24.25 24.25 24.25 24.25 24.45 24.25	18.55 19.65 19.03 19.02 19.75 19.75 19.31 ERP Average (dBm) 19.88 19.65 19.31 19.85 19.65 19.31 19.85 19.61 19.41 19.89 19.61 19.41 19.89 19.71 19.80 19.72 19.80 19.75 19.33 19.71 18.80 19.71 18.90 23.96 23.96 22.76	0.072 0.072 0.093 0.098 0.094 0.070 0.099 0.085 ERP Average (W) 0.097 0.094 0.098 0.091 0.094 0.094 0.098 0.091 0.094 0.	4 5056 4 5006 4 5006 4 5006 4 5006 8 96/7 1 4 5006 8 96/7 1 4 500 6 9 7 1 4 500 6 9 7 1 4 500 6 9 7 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	4500.6 4500.6 8967.7 8960.0 9991.3 9994.8991.3 9994.8991.3 9994.8991.3 9994.8991.3 9994.8991.3 9994.8991.3 9994.4481.9 4458.0 4458.0 4458.4 4458.4 4458.4 4458.4 4458.4 4458.4 4458.4 4458.4 4458.4 9997.4 4459.7 13460.0 1407.4 1407.4 1407.4 1407.4 1407.4 1407.4 1407.4 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5 1407.4 1407.5	AMSOG7W AMSOG7W BM97G7W BM97G7W BM99G7W BM99G7W BM99G7W BM99G7W BM99G7W BM96G7
10 S NR Band andwidth (MH2) 5 10 10 5 S NR Band (MH2)	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 100 Frequency (MHz)	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz)	CP 0PSK CP 0AM DFT-5 PI/2 BPSK DFT-5 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-5 PI/2 BPSK DFT-5 0PSK DFT-5 0PSK D	24.24 23.58 23.58 24.47 24.30 23.00 24.10 23.00 24.10 24.43 24.43 24.44 24.30 24.43 24.44 24.40 23.32 24.40 23.32 24.40 23.44 24.42 23.32 24.40 24.42 23.32 24.40 24.42 23.32 24.40 24.42 23.32 24.40 24.44 23.32 24.40 24.44 23.32 24.40 24.44 23.32 24.40 24.44 23.32 24.40 24.44 23.32 24.40 24.44 23.32 24.40 23.36 23.54 42 23.54 42 23.54 42 23.54 42 23.54 42 23.56 22.74 22.56 21.75 52 57 21.75 52 57 21.75 52 22.74 22.56 21.75 52 57 21.75 22.76 23.76 22.77 23.76 22.77 22.76 22.77 22.76 22.77 22.76 22.77 22.76 22.77 22.56 21.77 21.76 21.77 21.76 22.76 22.76 22.77 22.56 21.77 22.56 21.75	18.55 19.65 19.03 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.88 19.81 19.88 19.84 19.85 19.41 19.84 19.84 19.84 19.84 19.81 19.41 19.84 19.81 19.41 19.83 19.41 19.84 19.85 19.45 19.92 19.83 19.75 19.33 19.89 18.80 19.71 18.99 EIRP Querage (dBm) 22.94 22.94 22.76	0.072 0.072 0.098 0.098 0.098 0.099 0.070 0.090 0.085 ERP Average (M) 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.097 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.075 0.	4 5056 4 5006 4 5006 8 9077 8 5006 8 9077 8 5006 8 9077 8 5006 8 9077 8 5006 8 9073 8 9071 3 5004 8 9071 3 5004 4 5119 4 526 4 5319 4 526 8 9089 9071 2 526 8 9774 4 5519 9 00712 1 3 604 1 3 46 1 13 1 13	4500.6 4500.6 8967.7 8960.0 8967.3 8960.0 8971.3 8960.0 8978.8 8970.3 8979.4 8979.4 4484.9 4484.9 4484.9 4484.9 4484.9 4484.9 4484.9 4484.9 4484.9 4484.9 4484.9 8976.4 8976.4 8976.4 8976.4 8976.4 89777.4 89777.4 8977.4 8977.4 8977.4 8977.4 8977.4 8977.4 8977.4	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99G7W 8M99G7W 8M97G7W 8007G7
10 S NR Band andwidth (MH2) 5 10 10 5 S NR Band (MH2)	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 100 Frequency (MHz)	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz)	CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-S PI/2 BPSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP	24.24 23.58 23.58 23.447 24.40 23.00 24.10 23.00 24.10 23.00 24.10 23.00 24.13 24.43 24.43 24.44 24.40 23.50 24.16 23.50 24.16 23.50 24.47 24.25 25.57 24.47 24.47 24.47 24.47 24.47 24.47 24.47 24.25 25.57 24.47 24.47 24.57 25.57 24.57 24.57 24.57 25.57 24.57 25.57 27.577 27.577 27.577 27.5777 27.57777777777	18.55 19.69 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.81 19.88 19.81 19.88 19.84 19.85 19.61 19.88 19.61 19.89 19.61 19.89 19.61 19.89 19.85 18.95 19.61 19.92 19.92 19.97 19.72 19.97 19.72 19.75 19.77 19.75 19.77 19.75 19.77 19.77 19.75 19.77 19.77 19.75 19.77 19.77 19.77 19.77 19.77 19.77 19.77 19.77 19.75 19.77 19.7	0.072 0.072 0.098 0.098 0.098 0.099 0.070 0.099 0.085 ERP Average (M) 0.097 0.098 0.097 0.075 0.094 0.075 0.094 0.075 0.075 0.094 0.075 0.075 0.075 0.075 0.094 0.075 0.	4 5056 4 5006 4 5006 8 9677 8 5006 8 9677 8 5006 8 9677 8 5006 8 99713 7 99% BW (MHz) 4 40479 4 526 5 526 52	4500.6 4500.6 8967.7 8960.0 9978.3991.3 8960.0 9978.39 9978.39 9978.4424 4484.9 4452.0 4426.0 4426.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 9977.4 4626.0 9971.2 9976.4 9977.4 4626.0 13364.0 13364.0 131264.0	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 13M607W 13M607
10 S NR Band andwidth (MH2) 5 10 15 20 S NR Band (MH2) 5	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 n30_Uplink fr Low Frequency (MHz) 2307.5	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz) 2312.5	CP 0PSK CP 0AM DFTs PI/2 BPSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs 0PSK DFTs 0AM CP 0PSK CP 0AM DFTS 0PSK DFTS 0AM CP 0PSK CP 0AM DFTS 0PSK DFTS 0AM CP 0PSK DFTS 0AM CP 0PSK DFTS 0AM DFTS 0AM DFTS 0AM CP 0PSK DFTS 0AM DFTS 0AM DFTS 0PSK DFTS 0AM DFTS	24.24 23.58 24.47 24.30 23.30 24.10 24.10 24.10 24.10 24.10 24.12 24.40 24.42 24.40 24.44 24.40 24.44 24.42 24.24 24.39 23.36 24.42 24.42 24.42 24.42 24.32 24.42 24.35 24.44 24.23 23.54 27 4 27 4 27 4 1 2 1 2 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1	18.55 19.69 19.03 19.92 19.75 19.31 ERP Average (dBm) 19.88 19.88 19.88 19.88 19.81 19.82 19.41 19.83 19.41 19.83 19.41 19.41 19.41 19.82 19.41 19.83 19.71 19.89 19.82 19.83 19.72 19.33 19.89 18.80 19.71 19.89 EIRP Average (dBm) 24.00 22.94 22.94 22.94 22.92 24.02 23.90	0.072 0.072 0.098 0.098 0.099 0.099 0.099 0.085 ERP Average (M) 0.097 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.079 0.076 0.076 0.076 0.068 0.097 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.075 0.076 0.076 0.076 0.075 0.076 0.079 0.075 0.076 0.076 0.076 0.076 0.079 0.076 0.076 0.079 0.076 0.076 0.076 0.079 0.076 0.079 0.076 0.079 0.076 0.079 0.076 0.079 0.076 0.079 0.076 0.079 0.076 0.079 0.076 0.079 0.075 0.079 0.076 0.076 0.079 0.076 0.076 0.076 0.079 0.076 0.076 0.076 0.079 0.075 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.079 0.075 0.076 0.024 0.078 0.024 0.	4 5056 4 5006 4 5006 8 9077 4 5006 9 9072 9	4500.6. 4500.6. 8967.7. 8960.0. 8971.3. 8960.0. 8971.3. 8960.0. 8971.3. 8960.0. 8971.3. 8960.0. 8971.3. 8971.3. 8971.3. 8971.3. 4464.9. 4464.9. 4455.0. 9978.8. 8977.4. 4455.0. 9978.8. 8977.4. 4556.0. 9978.8. 8977.4. 13460.0. 133380.0. 133380.0.0. 133380.0.	AMSOG7W MSOG7W BM97G7W BM97G7W BM96G7W BM99G7W BM99G7W BM99G7W BM99G7W AMSG7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 3M99G7W 3M99G7W 3M99G7W 13M607W 13M67W 13M67W 13M7W 13M67W 13M7W 13W7W 13W7W 13W7W 13W7W 13
10 S NR Band andwidth (MH2) 5 10 10 5 S NR Band (MH2)	819 n26_Uplink fr Low Frequency (MHz) 826.5 829 831.5 834 100 Frequency (MHz)	819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839 requency ban Upper Frequency (MHz)	CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM d: 824 to 849 MHz Modulation DFT-S PI/2 BPSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK CP 0AM DFT-S PI/2 BPSK DFT-S 0AM CP 0PSK CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP 0AM DFT-S 0AM CP	24.24 23.58 23.58 23.447 24.40 23.00 24.10 23.00 24.10 23.00 24.10 23.00 24.13 24.43 24.43 24.44 24.40 23.50 24.16 23.50 24.16 23.50 24.47 24.25 25.57 24.47 24.47 24.47 24.47 24.47 24.47 24.47 24.25 25.57 24.47 24.47 24.57 25.57 24.57 24.57 24.57 25.57 24.57 25.57 27.577 27.577 27.577 27.5777 27.57777777777	18.55 19.69 19.03 19.92 19.75 18.45 19.31 ERP Average (dBm) 19.88 19.81 19.88 19.81 19.88 19.84 19.85 19.61 19.88 19.61 19.89 19.61 19.89 19.61 19.89 19.85 18.95 19.61 19.92 19.92 19.97 19.72 19.97 19.72 19.75 19.77 19.75 19.77 19.75 19.77 19.77 19.75 19.77 19.77 19.75 19.77 19.77 19.77 19.77 19.77 19.77 19.77 19.77 19.75 19.77 19.7	0.072 0.072 0.098 0.098 0.099 0.099 0.099 0.099 0.085 ERP Average (M) 0.097 0.098 0.097 0.075 0.094 0.075 0.094 0.075 0.075 0.075 0.094 0.075 0.075 0.075 0.094 0.075 0.	4 5056 4 5006 4 5006 8 9677 8 5006 8 9677 8 5006 8 9677 8 5006 8 99713 7 99% BW (MHz) 4 40479 4 526 5 526 52	4500.6 4500.6 8967.7 8960.0 9978.3991.3 8960.0 9978.39 9978.39 9978.4424 4484.9 4452.0 4426.0 4426.0 4526.0 4526.0 4526.0 4526.0 4526.0 4526.0 9977.4 4626.0 9971.2 9976.4 9977.4 4626.0 13364.0 13364.0 131264.0	4M50G7W 4M50G7W 8M97G7W 8M97G7W 8M99G7W 8M99G7W 8M99G7W 8M99D7W 8M99G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 4M53G7W 13M607W 13M607

Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission	
			DFT-s PI/2 BPSK	24.37	23.27	0.212	8.6234	8623.4	8M62G7W	
			DFT-s QPSK	24.30	23.20	0.209	8.6491	8649.1	8M65G7W	
10	2575	2615	DFT-s QAM	23.33	22.23	0.167	8.6756	8675.6	8M68D7W	
			CP QPSK	24.16	23.06	0.202	8.6491	8649.1	8M65G7W	
			CP QAM	23.27	22.17	0.165	8.6756	8675.6	8M68D7W	
			DFT-s PI/2 BPSK	24.30	23.20	0.209	12.962	12962.0	13M0G7W	
	2577.5 2612.5		DFT-s QPSK	24.29	23.19	0.208	13.634	13634.0	13M6G7W	
15		2577.5 2612.5	DFT-s QAM	23.44	22.34	0.171	12.982	12982.0	13M0D7W	
			CP QPSK	24.24	23.14	0.206	13.634	13634.0	13M6G7W	
			CP QAM	23.26	22.16	0.164	13.634	13634.0	13M6D7W	
			DFT-s PI/2 BPSK	24.36	23.26	0.212	17.941	17941.0	17M9G7W	
			DFT-s QPSK	24.29	23.19	0.208	18.001	18001.0	18M0G7W	
20 2580	2580	2610	DFT-s QAM	23.50	22.40	0.174	17.959	17959.0	18M0D7W	
			CP QPSK	24.30	23.20	0.209	18.001	18001.0	18M0G7W	
				CP QAM	24.00	22.90	0.195	17.959	17959.0	18M0D7W
			DFT-s PI/2 BPSK	24.36	23.26	0.212	22.865	22865.0	22M9G7W	
			DFT-s QPSK	24.30	23.20	0.209	22.903	22903.0	22M9G7W	
25	2582.5	2607.5	DFT-s QAM	23.27	22.17	0.165	23.011	23011.0	23M0D7W	
			CP QPSK	24.22	23.12	0.205	22.903	22903.0	22M9G7W	
			CP QAM	23.61	22.51	0.178	23.011	23011.0	23M0D7W	
			DFT-s PI/2 BPSK	24.32	23.22	0.210	26.909	26909.0	26M9G7W	
			DFT-s QPSK	24.28	23.18	0.208	26.948	26948.0	26M9G7W	
30	2585	2605	DFT-s QAM	23.45	22.35	0.172	26.946	26946.0	26M9D7W	
			CP QPSK	24.27	23.17	0.207	26.948	26948.0	26M9G7W	
			CP QAM	23.87	22.77	0.189	26.946	26946.0	26M9D7W	
			DFT-s PI/2 BPSK	24.44	23.34	0.216	35.85	35850.0	35M9G7W	
			DFT-s QPSK	24.39	23.29	0.213	35.833	35833.0	35M8G7W	
40	2590	2600	DFT-s QAM	23.32	22.22	0.167	35.877	35877.0	35M9D7W	
			CP QPSK	24.26	23.16	0.207	35.833	35833.0	35M8G7W	
			CP QAM	23.49	22.39	0.173	35.877	35877.0	35M9D7W	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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	Low	Upper	/ band : 2496 to 269	Conducted	FIRP	FIRP						
Bandwidth	Frequency	Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emission			
(MHz)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(MHz)	(kHz)	.,,			
	(11112)	(mine)	DFT-s PV2 BPSK	26.39	25.29	0.338	8.6722	8672.2	8M67G7W			
			DFT-s QPSK	26.36	25.26	0.336	8.6535	8653.5	8M65G7W			
10	2501.01	2685	DFT-s QAM	20.30	23.18	0.330	8.691	8691.0	8M69D7W			
10	2301.01	2003	CP QPSK	24.20	23.16	0.208	8.6535	8653.5	8M65G7W			
				24.30								
			CP QAM		22.70	0.186	8.691	8691.0	8M69D7W			
			DFT-s PI/2 BPSK	26.34	25.24	0.334	12.98	12980.0	13M0G7W			
			DFT-s QPSK	26.26	25.16	0.328	12.936	12936.0	12M9G7W			
15	2503.5	2503.5 2682.48	DFT-s QAM	24.30	23.20	0.209	13.005	13005.0	13M0D7W			
			CP QPSK	24.36	23.26	0.212	12.936	12936.0	12M9G7W			
			CP QAM	23.70	22.60	0.182	12.936	12936.0	12M9D7W			
			DFT-s PI/2 BPSK	26.39	25.29	0.338	17.893	17893.0	17M9G7W			
			DFT-s QPSK	26.36	25.26	0.336	17.96	17960.0	18M0G7W			
20	2506.02	2679.99	DFT-s QAM	24.23	23.13	0.206	17.968	17968.0	18M0D7W			
			CP QPSK	24.28	23.18	0.208	17.96	17960.0	18M0G7W			
			CP QAM	23.68	22.58	0.181	17.968	17968.0	18M0D7W			
			DFT-s PI/2 BPSK	26.30	25.20	0.331	22.947	22947.0	22M9G7W			
			DFT-s QPSK	26.16	25.06	0.321	23.001	23001.0	23M0G7W			
25	2508 51	2677.5	DET-S OAM	24.94	23.84	0.242	22,989	22989.0	23M0D7W			
20	2000.01	20/7:0	CP QPSK	24.21	23.11	0.205	23.001	23001.0	23M0G7W			
			CP QF3K	23.89	23.11	0.203	22.989	22989.0	23M0G7W			
		DFT-s PI/2 BPSK	25.69	22.19	0.337	22.969	26848.0	25W0D7W 26M8G7W				
	2511 2674.98			25.27	0.337							
20		2674.00	DFT-S QPSK	26.34			26.886	26886.0	26M9G7W			
30		2674.98	DFT-s QAM CP QPSK	24.35 24.31	23.25 23.21	0.211	26.921	26921.0	26M9D7W			
				2			26.886	26886.0	26M9G7W			
			CP QAM	23.66	22.56	0.180	26.921	26921.0	26M9D7W			
			DFT-s PI/2 BPSK	26.15	25.05	0.320	32.223	32223.0	32M2G7W			
	5 2513.52		DFT-s QPSK	26.10	25.00	0.316	32.261	32261.0	32M3G7W			
35		513.52 2672.49	DFT-s QAM	24.31	23.21	0.209	32.28	32280.0	32M3D7W			
			CP QPSK	24.33	23.23	0.210	32.261	32261.0	32M3G7W			
			CP QAM	24.19	23.09	0.204	32.28	32280.0	32M3D7W			
			DFT-s PI/2 BPSK	26.30	25.20	0.331	35.778	35778.0	35M8G7W			
	40 2516.01 2670		DFT-s QPSK	26.11	25.01	0.317	35.81	35810.0	35M8G7W			
40		2670	DFT-s QAM	24.24	23.14	0.206	35.816	35816.0	35M8D7W			
			CP QPSK	24.39	23.29	0.213	35.81	35810.0	35M8G7W			
			CP QAM	23.68	22.58	0.181	35.816	35816.0	35M8D7W			
					DFT-s PI/2 BPSK	26.09	24.99	0.316	38.616	38616.0	38M6G7W	
	2516.01 266					DFT-s QPSK	26.11	25.01	0.317	38.657	38657.0	38M7G7W
45		2667.48	DFT-s QAM	24.94	23.84	0.242	38.625	38625.0	38M6D7W			
45		2007.40	CP QPSK	24.35	23.25	0.242	38.657	38657.0	38M7G7W			
			CP QAM	24.33	23.12	0.205	38.625	38625.0	38M6D7W			
			DFT-s PI/2 BPSK	26.37	25.27	0.337	45.806	45806.0	45M8G7W			
			DET-S PI/2 DP SK	26.37	25.27	0.337						
50	0504.00						45.966	45966.0	46M0G7W			
50	2521.02	2664.99	DFT-s QAM	24.38	23.28	0.213	45.809	45809.0	45M8D7W			
			CP QPSK	24.33	23.23	0.210	45.966	45966.0	46M0G7W			
			CP QAM	23.72	22.62	0.183	45.809	45809.0	45M8D7W			
			DFT-s PI/2 BPSK	26.38	25.28	0.337	57.87	57870.0	57M9G7W			
			DFT-s QPSK	26.27	25.17	0.329	57.904	57904.0	57M9G7W			
60	2526	2659.98	DFT-s QAM	24.31	23.21	0.209	57.908	57908.0	57M9D7W			
			CP QPSK	24.28	23.18	0.208	57.904	57904.0	57M9G7W			
			CP QAM	23.75	22.65	0.184	57.908	57908.0	57M9D7W			
			DFT-s PI/2 BPSK	26.38	25.28	0.337	64.398	64398.0	64M4G7W			
			DFT-s QPSK	26.26	25.16	0.328	64.383	64383.0	64M4G7W			
70	2531.01	2655	DFT-s QAM	24.38	23.28	0.213	64.423	64423.0	64M4D7W			
			CP QPSK	24.26	23.16	0.207	64.383	64383.0	64M4G7W			
			CP QAM	23.78	22.68	0.185	64.423	64423.0	64M4D7W			
			DFT-s PI/2 BPSK	26.39	25.29	0.338	77.02	77020.0	77M0G7W			
			DFT-s QPSK	26.18	25.08	0.322	77.286	77286.0	77M3G7W			
80	2536.02	2649.99	DFT-S QAM	24.18	23.08	0.322	77.131	77131.0	77M1D7W			
00	2330.02	2047.77	CP QPSK	24.10	23.00	0.203	77.286	77286.0	77M3G7W			
			CP QPSK CP QAM	24.27	23.17	0.207	77.131	77131.0	77M1D7W			
			DFT-s PI/2 BPSK	26.34	22.39	0.173	86.908	86908.0	7/MID/W 86M9G7W			
90	05.43	2444.00	DFT-s QPSK	26.21	25.11	0.324	86.929	86929.0	86M9G7W			
90	2541	2644.98	DFT-s QAM	24.11	23.01	0.200	86.942	86942.0	86M9D7W			
			CP QPSK	24.16	23.06	0.202	86.929	86929.0	86M9G7W			
			CP QAM	23.71	22.61	0.182	86.942	86942.0	86M9D7W			
	I –		DFT-s PI/2 BPSK	26.40	25.30	0.339	96.485	96485.0	96M5G7W			
			DFT-s QPSK	26.28	25.18	0.330	96.592	96592.0	96M6G7W			
100	2546.01	2640	DFT-s QAM	25.27	24.17	0.261	96.474	96474.0	96M5D7W			
			CP QPSK	24.36	23.26	0.212	96.592	96592.0	96M6G7W			
			CP QAM	23.80	22.70	0.186	96.474	96474.0	96M5D7W			

OG INK Dallu			d : 1710 to 1780 MH									
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission			
			DFT-s PI/2 BPSK	24.58	23.08	0.203	4.5028	4502.8	4M50G7W			
	1		DFT-s QPSK	24.49	22.99	0.199	4.5018	4501.8	4M50G7W			
5	1712.5	1777.5	DFT-s QAM	23.33	21.83	0.152	4.5139	4513.9	4M51D7W			
			CP QPSK	24.30	22.80	0.191	4.5018	4501.8	4M50G7W			
			CP QAM	23.36	21.86	0.153	4.5018	4501.8	4M50D7W			
			DFT-s PI/2 BPSK	24.67	23.17	0.207	8.965	8965.0	8M97G7W			
			DFT-s QPSK	24.29	22.79	0.190	9.0072	9007.2	9M01G7W			
10	0 1715	1775	DFT-s QAM	23.34	21.84	0.153	9.0268	9026.8	9M03D7W			
			CP QPSK	24.28	22.78	0.190	9.0072	9007.2	9M01G7W			
			CP QAM	24.00	22.50	0.178	9.0268	9026.8	9M03D7W			
			DFT-s PI/2 BPSK	24.65	23.15	0.207	13.448	13448.0	13M4G7W			
15	1717 5	1772 5	DFT-s QPSK	24.45	22.95	0.197	13.444	13444.0	13M4G7W			
15	1/1/.5	1//2.5	DFT-s QAM	23.24	21.74	0.149	13.476	13476.0	13M5D7W			
			CP QPSK CP QAM	24.19 23.45	22.69 21.95	0.186	13.444 13.444	13444.0 13444.0	13M4G7W 13M4D7W			
			DFT-s PI/2 BPSK	24.62 24.44	23.12 22.94	0.205 0.197	17.885 17.905	17885.0 17905.0	17M9G7W 17M9G7W			
20	1720	720 1770	DFT-s QPSK	24.44 23.44	22.94	0.197	17.905	17905.0	17M9G7W			
20	1720	1770	DFT-s QAM CP QPSK	23.44 24.30	21.94	0.156	17.944	17944.0	17M9D7W			
			CP QP3K CP QAM	24.30	22.80	0.191	17.905	17905.0	17M9G7W			
			DFT-s PI/2 BPSK	23.61		0.163	22.972	22972.0				
					23.18 22.87	0.208	22.972		23M0G7W			
25	1722.5 1767.5	DFT-s QPSK DFT-s QAM	24.37 23.42	22.87	0.194	22.901	22961.0 22974.0	23M0G7W 23M0D7W				
23	1722.3	1/0/.5	CP OPSK	23.42	22.75	0.130	22.961	22974.0	23M0D7W			
			CP OAM	23.96	22.15	0.100	22.974	22974.0	23M007W			
			DFT-s PI/2 BPSK	24.65	23.15	0.207	28.594	28594.0	28M6G7W			
			DFT-s QPSK	24.50	23.00	0.200	28.697	28697.0	28M7G7W			
30	1725	1765	DFT-s QAM	23.43	21.93	0.156	28.644	28644.0	28M6D7W			
00	1120 1100	CP QPSK	24.22	22.72	0.180	28.697	28697.0	28M7G7W				
			CP OAM	23.68	22.18	0.165	28.644	28644.0	28M6D7W			
			DFT-s PI/2 BPSK	24.58	23.08	0.203	32.185	32185.0	32M2G7W			
			DFT-s QPSK	24.33	22.83	0.192	32.176	32176.0	32M2G7W			
35	1727.5	1762.5	DFT-s QAM	24.00	22.50	0.178	32.293	32293.0	32M3D7W			
			CP QPSK	24.23	22.73	0.187	32.176	32176.0	32M2G7W			
				CP QAM	23.62	22.12	0.163	32.293	32293.0	32M3D7W		
			DFT-s PI/2 BPSK	24.77	23.27	0.212	38.602	38602.0	38M6G7W			
			DFT-s QPSK	24.41	22.91	0.195	38.663	38663.0	38M7G7W			
40	1730	1760	DFT-s QAM	23.42	21.92	0.156	38.633	38633.0	38M6D7W			
			CP QPSK	24.28	22.78	0.190	38.663	38663.0	38M7G7W			
			CP QAM	23.81	22.31	0.170	38.633	38633.0	38M6D7W			
			DFT-s PI/2 BPSK	24.70	23.20	0.209	42.965	42965.0	43M0G7W			
			DFT-s QPSK	24.36	22.86	0.193	42.934	42934.0	42M9G7W			
45	1732.5	1751.5	DFT-s QAM	23.95	22.45	0.176	42.944	42944.0	42M9D7W			
			CP QPSK	24.28	22.78	0.190	42.934	42934.0	42M9G7W			
			CP QAM	23.84	22.34	0.171	42.944	42944.0	42M9D7W			
G NR Band	n71_Uplink f	requency ban	d : 663 to 698 MHz									
Bandwidth	Low	Upper		Conducted	ERP	ERP	99% BW	99% BW				
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emissio			
(wiriz)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(WIFIZ)	(Kriz)				
			DFT-s PI/2 BPSK	24.43	18.88	0.077	4.5136	4513.6	4M51G7W			
											4502.1	4M50G7W
			DFT-s QPSK	24.37	18.82	0.076	4.5021	400Z. I				
5	665.5	695.5			18.82 17.93	0.076 0.062	4.5021 4.4993	4502.1	4M50D7W			
5	665.5	695.5	DFT-s QPSK	24.37								
5	665.5	695.5	DFT-s QPSK DFT-s QAM	24.37 23.48	17.93 18.75 18.11	0.062	4.4993	4499.3	4M50D7W			
5	665.5	695.5	DFT-s QPSK DFT-s QAM CP QPSK	24.37 23.48 24.30	17.93 18.75	0.062 0.075	4.4993 4.5021	4499.3 4502.1	4M50D7W 4M50G7W			
5	665.5	695.5	DFT-S QPSK DFT-S QAM CP QPSK CP QAM	24.37 23.48 24.30 23.66 24.44 24.40	17.93 18.75 18.11 18.89 18.85	0.062 0.075 0.065	4.4993 4.5021 4.5021	4499.3 4502.1 4502.1	4M50D7W 4M50G7W 4M50D7W			
5	665.5	695.5	DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PV2 BPSK DFT-s QPSK DFT-s QAM	24.37 23.48 24.30 23.66 24.44	17.93 18.75 18.11 18.89	0.062 0.075 0.065 0.077	4.4993 4.5021 4.5021 8.9394	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W			
			DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK	24.37 23.48 24.30 23.66 24.44 24.40	17.93 18.75 18.11 18.89 18.85	0.062 0.075 0.065 0.077 0.077	4.4993 4.5021 4.5021 8.9394 8.9657	4499.3 4502.1 4502.1 8939.4 8965.7	4M50D7W 4M50G7W 4M50D7W 8M94G7W 8M94G7W			
			DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PV2 BPSK DFT-s QPSK DFT-s QAM	24.37 23.48 24.30 23.66 24.44 24.40 23.48	17.93 18.75 18.11 18.89 18.85 17.93	0.062 0.075 0.065 0.077 0.077 0.077	4.4993 4.5021 4.5021 8.9394 8.9657 9.001	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W 8M97G7W 9M00D7W			
			DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QPSK DFT-S QAM CP QPSK	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25	17.93 18.75 18.11 18.89 18.85 17.93 18.70	0.062 0.075 0.065 0.077 0.077 0.077 0.062 0.074	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7	4M50D7W 4M50G7W 8M94G7W 8M94G7W 8M97G7W 9M00D7W 8M97G7W			
			DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QAM DFT-S QAM CP QPSK CP QAM	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25 23.40	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657 9.001	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7 9001.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W 8M97G7W 9M00D7W 8M97G7W 9M00D7W			
			DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QAM CP QPSK CP QAM DFT-S PV2 BPSK	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25 23.40 24.44	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061 0.077	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657 9.001 13.461	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7 9001.0 13461.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W 8M97G7W 9M00D7W 8M97G7W 9M00D7W 13M5G7W			
10	668	693	DFT-S OPSK DFT-S OAM CP OPSK CP OAM DFT-S PI/2 BPSK DFT-S OAM CP OPSK CP OAM DFT-S PI/2 BPSK DFT-S OPSK	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25 23.40 24.44 24.40	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89 18.85	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061 0.077 0.077	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657 9.001 13.461 13.416	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7 9001.0 13461.0 13416.0	4M50D7W 4M50D7W 8M94G7W 8M97G7W 9M00D7W 8M97G7W 9M00D7W 13M5G7W 13M5G7W			
10	668	693	DFT-S QPSK DFT-S QAM CP OPSK CP QAM DFT-S PV2 BPSK DFT-S QPSK CP QAM CP QPSK CP QAM DFT-S PV2 BPSK DFT-S QPSK DFT-S QAM	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25 23.40 24.44 24.40 23.31	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89 18.85 17.76	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061 0.077 0.077 0.060	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657 9.001 13.461 13.416 13.447	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7 9001.0 13461.0 13416.0 13416.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W 9M00D7W 9M00D7W 9M00D7W 13M5G7W 13M5G7W 13M4G7W			
10	668	693	DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S QPSK DFT-S QPSK CP QAM CP QPSK CP QAM DFT-S QPSK DFT-S QPSK	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25 23.40 24.44 24.40 23.31 24.30	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89 18.85 17.76 18.75	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061 0.077 0.077 0.060 0.075	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657 9.001 13.461 13.416 13.447 13.416	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7 9001.0 13461.0 13416.0 13416.0 13416.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W 8M97G7W 9M00D7W 8M97G7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W			
10	668	693	DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PI/2 BPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK CP QAM CP QPSK CP QAM	24.37 23.48 24.30 23.66 24.44 23.48 24.25 23.40 24.44 24.40 23.31 24.30 23.87	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89 18.85 17.76 18.75 18.32	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061 0.077 0.077 0.060 0.075 0.068	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 13.461 13.416 13.447 13.416 13.416	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 13461.0 13416.0 13416.0 13416.0 13416.0	4M50D7W 4M50G7W 8M94G7W 8M97G7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4D7W 13M4G7W 13M4G7W 13M4G7W			
10	668	693	DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PI/2 BPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QAM DFT-S QAM DFT-S QAM DFT-S QAM DFT-S QPSK DFT-S QPSK	24.37 23.48 24.30 23.66 24.44 24.40 23.48 24.25 23.40 24.44 24.40 23.31 24.40 23.31 24.30 23.87 24.49	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89 18.85 17.76 18.75 18.75 18.32 18.94	0.062 0.075 0.065 0.077 0.077 0.062 0.074 0.061 0.077 0.060 0.077 0.060 0.075 0.068 0.078	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 8.9657 9.001 13.461 13.416 13.447 13.416 13.416 13.416	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 8965.7 9001.0 1346.0 1346.0 13446.0 13446.0 13446.0	4M50D7W 4M50G7W 4M50D7W 8M94G7W 9M00D7W 8M97G7W 9M00D7W 13M5G7W 13M4G7W 13M4G7W 13M4G7W 13M4G7W			
10	668 670.5	693 690.5	DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PI/2 BPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK DFT-S QPSK CP QAM DFT-S PI/2 BPSK CP QAM DFT-S PI/2 BPSK	24.37 23.48 24.30 24.44 24.40 23.48 24.44 24.40 23.34 24.44 24.40 23.31 24.40 23.31 24.40 23.87 24.49 24.45	17.93 18.75 18.11 18.89 18.85 17.93 18.70 17.85 18.89 18.85 17.76 18.85 17.76 18.32 18.32 18.94 18.94	0.062 0.075 0.065 0.077 0.062 0.074 0.061 0.077 0.060 0.077 0.060 0.075 0.066 0.078 0.078	4.4993 4.5021 4.5021 8.9394 8.9657 9.001 13.461 13.416 13.416 13.416 13.416 13.416 13.416 13.416	4499.3 4502.1 4502.1 8939.4 8965.7 9001.0 13461.0 13461.0 13447.0 13416.0 13416.0 13416.0 13416.0 13416.0 13416.0	4M50D7W 4M50G7W 4M50G7W 8M94G7W 8M97G7W 9M00D7W 18M97G7W 18M97G7W 13M45G7W 13M45G7W 13M4G7W 13M4D7W 13M4D7W 13M4D7W 13M4D7W 13M4D7W 13M4D7W 13M4D7W 13M4D7W			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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	Low	Upper	ncy band : 3450 to	Conducted	EIRP	EIRP						
Bandwidth	Frequency	Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emissio			
(MHz)	(MHz)	(MHz)	Modulation	(dBm)	(dBm)	(W)	(MHz)	(kHz)	Type of Emissio			
	(nn iz)	(1411 12)	DFT-s PV2 BPSK	26.26	26.46	0.443	8.6625	8662.5	8M66G7W			
10	3455.01	3544.98	DFT-s QPSK	26.10	26.30	0.427	8.6409	8640.9	8M64G7W			
10	10 3455.01	3544.98	DFT-s QAM	24.69	24.89	0.308	8.6622	8662.2	8M66D7W			
			CP QPSK	24.16	24.36	0.273	8.6409	8640.9	8M64G7W			
			CP QAM	23.86	24.06	0.255	8.6622	8662.2	8M66D7W			
			DFT-s PI/2 BPSK	26.18	26.38	0.435	12.94	12940.0	12M9G7W			
			DFT-s QPSK	26.10	26.30	0.427	13.007	13007.0	13M0G7W			
15	15 3457.5	3542.49	DFT-s QAM	24.72	24.92	0.310	12.954	12954.0	13M0D7W			
			CP QPSK	24.34	24.54	0.284	13.007	13007.0	13M0G7W			
			CP QAM	23.88	24.08	0.256	13.007	13007.0	13M0D7W			
			DFT-s PI/2 BPSK	26.29	26.49	0.446	17.928	17928.0	17M9G7W			
			DFT-s QPSK	26.16	26.36	0.433	17.981	17981.0	18M0G7W			
20	3460.02	3540	DFT-s QAM	24.24	24.44	0.278	17.987	17987.0	18M0D7W			
			CP QPSK	24.44	24.64	0.291	17.981	17981.0	18M0G7W			
			CP QAM	23.89	24.09	0.256	17.987	17987.0	18M0D7W			
			DFT-s PV2 BPSK	26.29	26.49	0.446	22.941	22941.0	22M9G7W			
			DFT-s QPSK	26.12	26.32	0.440	22.932	22932.0	22M9G7W			
25	3462.51	3537.48	DFT-S QPSK DFT-S QAM	20.12	25.07	0.429	22.932	22932.0	23M1D7W			
20	3402.31	3037.40										
			CP QPSK	24.31	24.51	0.282	22.932	22932.0	22M9G7W			
			CP QAM	23.97	24.17	0.261	23.052	23052.0	23M1D7W			
			DFT-s PI/2 BPSK	26.28	26.48	0.445	26.935	26935.0	26M9G7W			
	3465 3534.99		DFT-s QPSK	26.09	26.29	0.426	26.886	26886.0	26M9G7W			
30		3465 353	3465	3534.99	DFT-s QAM	24.78	24.98	0.315	27.01	27010.0	27M0D7W	
			CP QPSK	24.35	24.55	0.285	26.886	26886.0	26M9G7W			
			CP QAM	24.16	24.36	0.273	27.01	27010.0	27M0D7W			
			DFT-s PI/2 BPSK	26.16	26.36	0.433	35.808	35808.0	35M8G7W			
			DFT-s QPSK	26.14	26.34	0.431	35.774	35774.0	35M8G7W			
40 3470.01	3529.98	DFT-s QAM	24.48	24.68	0.294	35.941	35941.0	35M9D7W				
		CP QPSK	24.04	24.24	0.265	35.774	35774.0	35M8G7W				
			CP QAM	23.79	23.99	0.251	35.941	35941.0	35M9D7W			
			DFT-s PI/2 BPSK	26.13	26.33	0.430	45.803	45803.0	45M8G7W			
	3475.02		DFT-s QPSK	26.10	26.30	0.427	45,903	45903.0	45M9G7W			
50		3475.02	3475.02 3525	DFT-s QAM	24.93	25.13	0.326	45.837	45837.0	45M8D7W		
00		0020	CP QPSK	24.19	24.39	0.275	45,903	45903.0	45M9G7W			
			CP QAM	24.19	24.39	0.275	45.837	45837.0	45M8D7W			
			DFT-s PI/2 BPSK	26.15	26.35	0.432	57.91	57910.0	57M9G7W			
			DFT-s QPSK	26.10	26.30	0.432	57.943	57943.0	57M9G7W			
60	2400	2510.00	DFT-S QPSK DFT-S QAM	24.93	25.13	0.326	57.994	57994.0	57M9G7W 58M0D7W			
60	3480	3480	0 3480	3480 3	480 3519.99					57.994		
			CP QPSK	24.16	24.36	0.273		57943.0	57M9G7W			
			CP QAM	24.03	24.23	0.265	57.994	57994.0	58M0D7W			
			DFT-s PI/2 BPSK	26.13	26.33	0.430	64.389	64389.0	64M4G7W			
70	0.005.07	0544.05	DFT-s QPSK	26.15	26.35	0.432	64.435	64435.0	64M4G7W			
70	3485.01	3514.98	DFT-s QAM	24.24	24.44	0.278	64.553	64553.0	64M6D7W			
			CP QPSK	24.44	24.64	0.291	64.435	64435.0	64M4G7W			
			CP QAM	24.18	24.38	0.274	64.553	64553.0	64M6D7W			
			DFT-s PI/2 BPSK	26.17	26.37	0.434	77.256	77256.0	77M3G7W			
			DFT-s QPSK	26.19	26.39	0.436	77.224	77224.0	77M2G7W			
80	3490.02	3510	DFT-s QAM	24.95	25.15	0.327	77.353	77353.0	77M4D7W			
			CP QPSK	24.45	24.65	0.292	77.224	77224.0	77M2G7W			
			CP QAM	24.29	24.49	0.281	77.353	77353.0	77M4D7W			
			DFT-s PI/2 BPSK	26.30	26.50	0.447	86.92	86920.0	86M9G7W			
			DFT-s QPSK	26.15	26.35	0.432	86.924	86924.0	86M9G7W			
90	3495	3504.99	DFT-s QAM	24.94	25.14	0.327	86.915	86915.0	86M9D7W			
	0.75	5001.77	CP QPSK	24.06	24.26	0.327	86.924	86924.0	86M9G7W			
			CP QPSK CP QAM	24.00	23.98	0.267	86.915	86915.0	86M9D7W			
			DFT-s PI/2 BPSK	26.37	26.57	0.250	96.552	96552.0	96M6G7W			
			DI 1-5 MIZ DPSK									
			DET & ODC !!									
100	2500.05	2500.07	DFT-s QPSK	26.16	26.36	0.433	96.159	96159.0	96M2G7W			
100	3500.01	3500.01	DFT-s QPSK DFT-s QAM CP QPSK	26.16 24.49 23.57	26.36 24.69 23.77	0.433 0.294 0.238	96.159 96.617 96.159	96159.0 96617.0 96159.0	96M2G7W 96M6D7W 96M2G7W			

5G NR Band	n77_Part27_L	Jplink freque	ncy band : 3700 to	3980 MHz					
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
			DFT-s PI/2 BPSK	26.19	26.59	0.456	8.5965	8596.5	8M60G7W
			DFT-s QPSK	26.16	26.56	0.453	8.6422	8642.2	8M64G7W
10	10 3705	3975	DFT-s QAM	24.72	25.12	0.325	8.645	8645.0	8M65D7W
			CP QPSK	24.48	24.88	0.308	8.6422	8642.2	8M64G7W
			CP QAM DFT-s PI/2 BPSK	23.87 26.15	24.27 26.55	0.452	8.645 12.893	8645.0 12893.0	8M65D7W 12M9G7W
			DFT-s QPSK	26.17	26.57	0.452	12.893	12893.0	12M9G7W
15	15 3707.52	3972 48	DFT-s QAM	24.99	25.39	0.434	12.00	12000.0	13M0D7W
			CP QPSK	24.25	24.65	0.292	12.88	12880.0	12M9G7W
			CP QAM	23.75	24.15	0.260	12.88	12880.0	12M9D7W
			DFT-s PI/2 BPSK	26.25	26.65	0.462	17.886	17886.0	17M9G7W
			DFT-s QPSK	26.16	26.56	0.453	17.902	17902.0	17M9G7W
20	3710.01	3969.99	DFT-s QAM	24.60	25.00	0.316	17.936	17936.0	17M9D7W
			CP QPSK	24.45	24.85	0.305	17.902	17902.0	17M9G7W
			CP QAM	24.05	24.45	0.279	17.936	17936.0	17M9D7W
			DFT-s PI/2 BPSK	26.24	26.64		22.872	22872.0	22M9G7W
25	3712.5	3767.49	DFT-s QPSK DFT-s QAM	26.12 24.74	26.52 25.14	0.449	22.954 22.995	22954.0 22995.0	23M0G7W 23M0D7W
23	3/12.3	3/0/.47	CP QPSK	24.74	24.90	0.327	22.954	229954.0	23M0D7W
			CP QAM	24.30	24.70	0.295	22.995	22995.0	23M0D7W
			DFT-s PV2 BPSK	26.19	26.59	0.456	26.715	26715.0	26M7G7W
			DFT-s QPSK	26.20	26.60	0.457	27.039	27039.0	27M0G7W
30	3715.02	3964.98	DFT-s QAM	24.52	24.92	0.310	26.984	26984.0	27M0D7W
			CP QPSK	24.41	24.81	0.303	27.039	27039.0	27M0G7W
			CP QAM	24.04	24.44	0.278	26.984	26984.0	27M0D7W
			DFT-s PI/2 BPSK	26.29	26.69	0.467	35.819	35819.0	35M8G7W
	0700	3960	DFT-s QPSK	26.10	26.50	0.447	35.664	35664.0	35M7G7W
40	3720	3900	DFT-S QAM CP QPSK	24.86	25.26 24.56	0.336	35.953 35.664	35953.0 35664.0	36M0D7W 35M7G7W
			CP QPSK CP QAM	24.16 24.19	24.50	0.288	35.004	35953.0	36M0D7W
			DFT-s PI/2 BPSK	26.21	26.61	0.458	45.782	45782.0	45M8G7W
			DFT-s QPSK	26.12	26.52	0.449	45.687	45687.0	45M7G7W
50	3725.01	3954.99	DFT-s QAM	24.52	24.92	0.310	45.921	45921.0	45M9D7W
			CP QPSK	24.21	24.61	0.289	45.687	45687.0	45M7G7W
			CP QAM	23.90	24.30	0.269	45.921	45921.0	45M9D7W
			DFT-s PI/2 BPSK	26.13	26.53	0.450	57.986	57986.0	58M0G7W
			DFT-s QPSK	26.18	26.58	0.455	58.021	58021.0	58M0G7W
60	3730.02	3949.98	DFT-s QAM	24.77	25.17	0.329	58.077	58077.0	58M1D7W
			CP QPSK	23.87	24.27	0.267	58.021	58021.0	58M0G7W
			CP QAM	23.45	23.85	0.243	58.077	58077.0	58M1D7W
			DFT-s PI/2 BPSK DFT-s QPSK	26.15	26.55 26.57	0.452	64.535 64.261	64535.0 64261.0	64M5G7W 64M3G7W
70	3735	3945	DFT-s QAM	24.95	25.35	0.434	64.481	64481.0	64M5D7W
70	5755	3743	CP QPSK	24.24	24.64	0.291	64.261	64261.0	64M3G7W
			CP QAM	23.97	24.37	0.274	64.481	64481.0	64M5D7W
			DFT-s PI/2 BPSK	26.16	26.56	0.453	77.142	77142.0	77M1G7W
			DFT-s QPSK	26.17	26.57	0.454	77.475	77475.0	77M5G7W
80	3740.01	3939.99	DFT-s QAM	24.91	25.31	0.340	77.213	77213.0	77M2D7W
			CP QPSK	24.48	24.88	0.308	77.475	77475.0	77M5G7W
			CP QAM	23.63	24.03	0.253	77.213	77213.0	77M2D7W
			DFT-s PI/2 BPSK	26.22	26.62	0.459	86.67	86670.0	86M7G7W
90	3745.02	3934.98	DFT-s QPSK	26.19	26.59	0.456	86.936	86936.0	86M9G7W
90	3/45.02	3934.98	DFT-s QAM	24.84	25.24 24.80	0.334	87.042	87042.0	87M0D7W
			CP QPSK CP QAM	24.40 23.90	24.80	0.302	86.936 87.042	86936.0 87042.0	86M9G7W 87M0D7W
			DFT-s PI/2 BPSK	23.90	24.30	0.269	87.042 96.637	8/042.0 96637.0	96M6G7W
			DFT-S QPSK	26.33	26.73	0.471	96.262	96262.0	96M3G7W
100	3750	3930	DFT-s QAM	24.72	25.12	0.430	96.882	96882.0	96M9D7W
100	0,00	0,00	CP QPSK	23.94	24.34	0.323	96.262	96262.0	96M3G7W
1		CP QAM	23.76	24.16	0.261	96.882	96882.0	96M9D7W	

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2TX

	Low	Upper		Conducted	EIRP	EIRP			
Bandwidth (MHz)	Frequency (MHz)	Frequency (MHz)	Modulation	Average (dBm)	Average (dBm)	Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
10	2501.01	2501.01 2685	CP QPSK	25.37	26.24	0.420	8.6924	8692.4	8M69G7W
10	2001.01		CP QAM	24.68	25.54	0.358	8.6672	8667.2	8M67D7W
15	2503.5	2682.48	CP QPSK	25.42	26.29	0.425	13.658	13658.0	13M7G7W
15	2303.3	2002.40	CP QAM	24.51	25.38	0.345	13.658	13658.0	13M7D7W
20	2506.02	2679.99	CP QPSK	25.35	26.22	0.419	18.327	18327.0	18M3G7W
20	2300.02	20/7.77	CP QAM	24.55	25.42	0.349	18.306	18306.0	18M3D7W
25	2506.02	2679.99	CP QPSK	25.29	26.15	0.412	18.297	18297.0	18M3G7W
20	2000.02	20/9.99	CP QAM	24.82	25.69	0.371	18.306	18306.0	18M3D7W
30	2511	2674.98	CP QPSK	25.61	26.48	0.444	27.941	27941.0	27M9G7W
30	2011	26/4.98	CP QAM	24.65	25.52	0.357	27.975	27975.0	28M0D7W
35	2511	2674.98	CP QPSK	25.38	26.25	0.422	27.932	27932.0	27M9G7W
30	2011	2674.98	CP QAM	24.60	25.46	0.352	27.966	27966.0	28M0D7W
40	2516.01	2670	CP QPSK	25.49	26.36	0.433	37.951	37951.0	38M0G7W
40	2010.01	2070	CP QAM	24.71	25.58	0.361	37.992	37992.0	38M0D7W
45	2516.01	2670	CP QPSK	25.34	26.21	0.418	37.951	37951.0	38M0G7W
40	2010.01	2070	CP QAM	24.64	25.50	0.355	37.978	37978.0	38M0D7W
50	2521.02	2664.99	CP QPSK	25.32	26.18	0.415	47.662	47662.0	47M7G7W
UC	2021.02	2004.99	CP QAM	24.75	25.62	0.364	47.617	47617.0	47M6D7W
60	2526	2659.98	CP QPSK	25.26	26.13	0.410	57.935	57935.0	57M9G7W
00	2320	2039.90	CP QAM	24.17	25.04	0.319	58.069	58069.0	58M1D7W
70	2531.01	2655	CP QPSK	25.23	26.10	0.407	67.72	67720.0	67M7G7W
70	2001.01	2000	CP QAM	24.67	25.54	0.358	67.669	67669.0	67M7D7W
80	2536.02	2649.99	CP QPSK	25.21	26.08	0.405	77.563	77563.0	77M6G7W
ou	2030.02	2049.99	CP QAM	24.53	25.39	0.346	77.733	77733.0	77M7D7W
90	2541	2644.98	CP QPSK	25.26	26.13	0.410	87.807	87807.0	87M8G7W
ЧÜ	2041	2044.98	CP QAM	24.65	25.51	0.356	87.673	87673.0	87M7D7W
100	2546.01	2640	CP QPSK	25.70	26.57	0.453	97.757	97757.0	97M8G7W
100	2346.01	2040	CP QAM	24.52	25.39	0.346	97.683	97683.0	97M7D7W

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1.6 Test Methodology of Applied Standards

FCC 47 CFR Part 2, 22H, 24E, 27C, Part 90 ANSI C63.26-2015 KDB971168 D01 Power Meas license Digital System v03r01 KDB412172 D01 Determining ERP and EIRP v01r01

1.7 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier
		SAC 1		
		SAC 2		
		SAC 3		
	No. 124 Mu Kung Dood, Now Toingi	Conduction 1		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New	Conducted 1	TW0027	
	Taipei City, Taiwan.	Conducted 2	100027	TW3702
		Conducted 3		
		Conducted 4		
		Conducted 5		
SGS Taiwan Ltd.		Conducted 6		
Central RF Lab.		Conduction C		
(TAF code 3702)		SAC C		
		SAC D		
		SAC G		
	No.2, Keji 1st Rd., Guishan District,	Conducted A		
	Taoyuan City, Taiwan 333	Conducted B	TW0028	
	labydan Oity, Taiwan 555	Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
		Conducted G		

tion where measurements occurred in specific test site and address.

1.8 Special Accessories

No special accessories were used during testing.

1.9 Equipment Modifications

There was no modifications incorporated into the EUT.

1.10 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Measurement at Antenna Port

The EUT is placed on a table which is 0.8 m above ground plane. A low loss of RF cable was used to connect the antenna port of EUT to measurement equipment.

2.3.2 Radiated Emissions (ERP/EIRP)

The EUT is placed on a turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level. **Note:**

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

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2.5 Final Amplifier Voltage and Current Information:

SG:

5G NR BAND n2							
CP-OFDM_S	CP-OFDM_SCS 15 kHz						
Test mode	DC voltage (V)	DC current (mA)					
Bandwidth:5MHz Mod:256QAM	7.8	180					
Bandwidth:10MHz Mod:256QAM	7.8	172					
Bandwidth:15MHz Mod:256QAM	7.8	202					
Bandwidth:20MHz Mod:256QAM	7.8	208					
Bandwidth:25MHz Mod:256QAM	7.8	233					
Bandwidth:30MHz Mod:256QAM	7.8	202					
Bandwidth:35MHz Mod:256QAM	7.8	172					
Bandwidth:40MHz Mod:256QAM	7.8	199					
5G NR E	AND n5	1					
CP-OFDM_S	SCS 15 kHz						
Test mode	DC voltage (V)	DC current (mA)					
Bandwidth:5MHz Mod:256QAM	7.8	247					
Bandwidth:10MHz Mod:256QAM	7.8	223					
Bandwidth:15MHz Mod:256QAM	7.8	241					
Bandwidth:20MHz Mod:256QAM	7.8	200					
5G NR E							
CP-OFDM_S	SCS 15 kHz						
Test mode	DC voltage (V)	DC current (mA)					
Bandwidth:5MHz Mod:256QAM	7.8	181					
Bandwidth:10MHz Mod:256QAM	7.8	211					
Bandwidth:15MHz Mod:256QAM	7.8	222					
Bandwidth:20MHz Mod:256QAM	7.8	244					
Bandwidth:25MHz Mod:256QAM	7.8	206					
Bandwidth:30MHz Mod:256QAM	7.8	263					
Bandwidth:35MHz Mod:256QAM	7.8	239					
Bandwidth:40MHz Mod:256QAM	7.8	181					
Bandwidth:50MHz Mod:256QAM	7.8	230					
5G NR B	AND n12						
CP-OFDM_S							
Test mode	DC voltage (V)	DC current (mA)					
Bandwidth:5MHz Mod:256QAM	7.8	245					
Bandwidth:10MHz Mod:256QAM	7.8	210					
Bandwidth:15MHz Mod:256QAM	7.8	205					

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5G NR B	AND n25	
CP-OFDM_S	SCS 15 kHz	
 Test mode		DC current (mA)
Bandwidth:5MHz Mod:256QAM	7.8	227
Bandwidth:10MHz Mod:256QAM	7.8	194
Bandwidth:15MHz Mod:256QAM	7.8	198
Bandwidth:20MHz Mod:256QAM	7.8	179
Bandwidth:25MHz Mod:256QAM	7.8	175
Bandwidth:30MHz Mod:256QAM	7.8	241
Bandwidth:35MHz Mod:256QAM	7.8	238
Bandwidth:40MHz Mod:256QAM	7.8	256
5G NR BAND	n26 Part90s	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	7.8	188
Bandwidth:10MHz Mod:256QAM	7.8	256
5G NR B	AND n26	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	7.8	178
Bandwidth:10MHz Mod:256QAM	7.8	263
Bandwidth:15MHz Mod:256QAM	7.8	189
Bandwidth:20MHz Mod:256QAM	7.8	217
5G NR B	AND n30	
CP-OFDM_S	SCS 30 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	7.8	200
Bandwidth:10MHz Mod:256QAM	7.8	253
5G NR B	AND n38	
CP-OFDM_S	SCS 30 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	7.8	187
Bandwidth:15MHz Mod:256QAM	7.8	189
Bandwidth:20MHz Mod:256QAM	7.8	182
Bandwidth:25MHz Mod:256QAM	7.8	262
Bandwidth:30MHz Mod:256QAM	7.8	216
Bandwidth:40MHz Mod:256QAM	7.8	226

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5G NR BA	AND n41					
CP-OFDM_S	SCS 30 kHz					
Test mode	DC voltage (V)	DC current (mA)				
Bandwidth:10MHz Mod:256QAM	7.8	195				
Bandwidth:15MHz Mod:256QAM	7.8	259				
Bandwidth:20MHz Mod:256QAM	7.8	249				
Bandwidth:25MHz Mod:256QAM	7.8	201				
Bandwidth:30MHz Mod:256QAM	7.8	230				
Bandwidth:35MHz Mod:256QAM	7.8	240				
Bandwidth:40MHz Mod:256QAM	7.8	250				
Bandwidth:45MHz Mod:256QAM	7.8	186				
Bandwidth:50MHz Mod:256QAM	7.8	189				
Bandwidth:60MHz Mod:256QAM	7.8	213				
Bandwidth:70MHz Mod:256QAM	7.8	257				
Bandwidth:80MHz Mod:256QAM	7.8	209				
Bandwidth:90MHz Mod:256QAM	7.8	204				
Bandwidth:100MHz Mod:256QAM	7.8	173				
5G NR BA	AND n66					
CP-OFDM_SCS 15 kHz						
Test mode	DC voltage (V)	DC current (mA)				
Bandwidth:5MHz Mod:256QAM	7.8	262				
Bandwidth:10MHz Mod:256QAM	7.8	208				
Bandwidth:15MHz Mod:256QAM	7.8	216				
Bandwidth:20MHz Mod:256QAM	7.8	216				
Bandwidth:25MHz Mod:256QAM	7.8	252				
Bandwidth:30MHz Mod:256QAM	7.8	199				
Bandwidth:35MHz Mod:256QAM	7.8	231				
Bandwidth:40MHz Mod:256QAM	7.8	256				
Bandwidth:45MHz Mod:256QAM	7.8	230				
5G NR BA	AND n71					
CP-OFDM_S	SCS 15 kHz					
Test mode	DC voltage (V)	DC current (mA)				
Bandwidth:5MHz Mod:256QAM	7.8	180				
Bandwidth:10MHz Mod:256QAM	7.8	264				
Bandwidth:15MHz Mod:256QAM	7.8	265				
Bandwidth:20MHz Mod:256QAM	7.8	230				

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5G NR B	5G NR BAND n77							
CP-OFDM_SCS 30 kHz								
Test mode	DC voltage (V)	DC current (mA)						
Bandwidth:10MHz Mod:256QAM	7.8	259						
Bandwidth:15MHz Mod:256QAM	7.8	172						
Bandwidth:20MHz Mod:256QAM	7.8	224						
Bandwidth:25MHz Mod:256QAM	7.8	244						
Bandwidth:30MHz Mod:256QAM	7.8	223						
Bandwidth:40MHz Mod:256QAM	7.8	175						
Bandwidth:50MHz Mod:256QAM	7.8	250						
Bandwidth:60MHz Mod:256QAM	7.8	187						
Bandwidth:70MHz Mod:256QAM	7.8	173						
Bandwidth:80MHz Mod:256QAM	7.8	253						
Bandwidth:90MHz Mod:256QAM	7.8	178						
Bandwidth:100MHz Mod:256QAM	7.8	208						

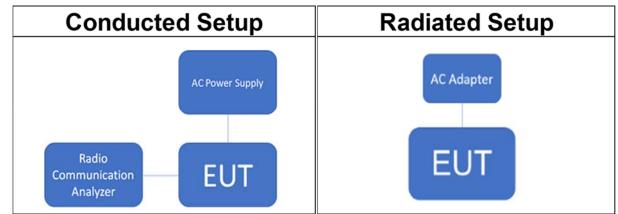
2TX

5G NR BAND n41							
CP-OFDM_SCS 30 kHz							
Test mode	DC voltage (V)	DC current (mA)					
Bandwidth:10MHz Mod:256QAM	7.8	198					
Bandwidth:15MHz Mod:256QAM	7.8	204					
Bandwidth:20MHz Mod:256QAM	7.8	187					
Bandwidth:25MHz Mod:256QAM	7.8	210					
Bandwidth:30MHz Mod:256QAM	7.8	188					
Bandwidth:35MHz Mod:256QAM	7.8	183					
Bandwidth:40MHz Mod:256QAM	7.8	196					
Bandwidth:45MHz Mod:256QAM	7.8	205					
Bandwidth:50MHz Mod:256QAM	7.8	211					
Bandwidth:60MHz Mod:256QAM	7.8	216					
Bandwidth:70MHz Mod:256QAM	7.8	198					
Bandwidth:80MHz Mod:256QAM	7.8	193					
Bandwidth:90MHz Mod:256QAM	7.8	204					
Bandwidth:100MHz Mod:256QAM	7.8	189					

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Test Configuration 2.6



Note: Radio Communication Analyzer is placed in remote side for radiated test.

2.7 Control Unit(s)

		Radiated Emission	n Test Site: SAC 3		
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
AC Adapter	Shenzhen JingQuanHua & Everrise Intelligent Electric Co., Ltd	NSA65EU-20032500	N/A	N/A	N/A
USB Cable	ASAP	LA9U2030-CS-H	N/A	N/A	N/A

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SUMMARY OF TEST RESULTS 3

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§22.913(a)(5) §24.232(c) §27.50(c)(9)(10) §27.50(d)(4) §27.50(h)(2) §27.50(j)(3) §27.50(k)(3) §27.50(a)(3)(i) §90.635(b)	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occupied Band- width	Compliant
§2.1051 §22.917(a)(b) §24.238(a)(b) §27.53(g) §27.53 (n)(2) §27.53 (n)(2) §27.53(m)(4) §27.53(a)(4) §27.53(a)(4) §27.53(h)(1)&(3) §27.53(l)(2) §90.691(a)	Out of Band Emissions at An- tenna Terminals and Band Edge / Emission mask re- quirements	Compliant
§2.1053 §2.1057(a)(1) §22.917(a)(b) §24.238(a)(b) §27.53(g) §27.53(h) §27.53(l)(2) §27.53 (n)(2) §27.53(a)(4) §27.53(m)(4) §90.691(a)	Field Strength of Spurious Radiation	Compliant
§22.913(d) §24.232(d) §27.50(a)(1)(B) §27.50(d)(5) §27.50(j)(4) §27.50 (k)(4)	Peak to Average Ratio	Compliant
§2.1055(a)(1) §22.355 §24.235 §27.54	Frequency Stability	Compliant

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DESCRIPTION OF TEST MODES 4

4.1 The Worst Test Modes and Channel Details

- 1. The EUT has been tested under operating condition.
- 2. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
- 3. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

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5G NR Band	SCS	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Bloo	ck Allocation
			(11112)		RBs allocated	RB Offset
n2	15K	374000	40	DFT-s PI/2 BPSK	1	1
n2	15K	376000	40	DFT-s PI/2 BPSK	1	1
n2	15K	378000	40	DFT-s PI/2 BPSK	1	1
n5	15K	166300	15	DFT-s PI/2 BPSK	1	1
n5	15K	167300	15	DFT-s PI/2 BPSK	1	1
n5	15K	168300	15	DFT-s PI/2 BPSK	1	1
n7	15K	505000	50	DFT-s PI/2 BPSK	1	1
n7	15K	507000	50	DFT-s PI/2 BPSK	1	1
n7	15K	509000	50	DFT-s PI/2 BPSK	1	1
n12	15K	141300	15	DFT-s PI/2 BPSK	1	1
n12	15K	141500	15	DFT-s PI/2 BPSK	1	1
n12	15K	141700	15	DFT-s PI/2 BPSK	1	1
n25	15K	374000	40	DFT-s PI/2 BPSK	1	1
n25	15K	376500	40	DFT-s PI/2 BPSK	1	1
n25	15K	379000	40	DFT-s PI/2 BPSK	1	1
n26(Part90s)	15K	163800	10	DFT-s PI/2 BPSK	1	1
n26	15K	166800	20	DFT-s PI/2 BPSK	1	1
n26	15K	167300	20	DFT-s PI/2 BPSK	1	1
n26	15K	167800	20	DFT-s PI/2 BPSK	1	1
n30	15K	462000	10	DFT-s PI/2 BPSK	1	1
n38	30K	518000	40	DFT-s PI/2 BPSK	1	1
n38	30K	519000	40	DFT-s PI/2 BPSK	1	1
n38	30K	520000	40	DFT-s PI/2 BPSK	1	1
n41	30K	509202	100	DFT-s PI/2 BPSK	1	1
n41	30K	510000	100	DFT-s PI/2 BPSK	1	1
n41	30K	518598	100	DFT-s PI/2 BPSK	1	1
n66	30K	346000	40	DFT-s PI/2 BPSK	1	1
n66	30K	349000	40	DFT-s PI/2 BPSK	1	1
n66	30K	352000	40	DFT-s PI/2 BPSK	1	1
n71	15K	134600	20	DFT-s PI/2 BPSK	1	1
n71	15K	136100	20	DFT-s PI/2 BPSK	1	1
n71	15K	137600	20	DFT-s PI/2 BPSK	1	1
n77(Part27)	30K	633334	100	DFT-s PI/2 BPSK	1	1
n77(Part27)	30K	650000	100	DFT-s PI/2 BPSK	1	1
n77(Part27)	30K	656000	100	DFT-s PI/2 BPSK	1	1
n77(Part27)	30K	662000	100	DFT-s PI/2 BPSK	1	1

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r						
5G NR ENDC Band	SCS	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Blo	
Dana			(2)		RBs allocated	RB Offset
2A_n5A	15K	18700_166300	20_15	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n5A	15K	18900_167300	20_15	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n5A	15K	19100_168300	20_15	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n41A	30K	18700_509202	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n41A	30K	18900_510000	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n41A	30K	19100_518598	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n66A	30K	18700_346000	20_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n66A	30K	18900_349000	20_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n66A	30K	19100_352000	20_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n77A	30K	18700_633334	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n77A	30K	18700_650000	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n77A	30K	18900_656000	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n77A	30K	19100_662000	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n2A	15K	20450_374000	10_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n2A	15K	20525_376000	10_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n2A	15K	20600_378000	10_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n7A	15K	20450_505000	20_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n7A	15K	20525_507000	20_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n7A	15K	20600_507000	20_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n77A	30K	20450_633334	10_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n77A	30K	20450_650000	10_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n77A	30K	20525_656000	10_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n77A	30K	20600_662000	10_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1

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5G NR NRCA Band	SCS	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Blo RBs allocated	ck Allocation
n24 nE4	151/	274000 1//200	40.15			
n2A_n5A	15K	374000_166300	40_15	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n5A	15K	376000_167300	40_15	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n5A	15K	378000_168300	40_15	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n66A	15K_30K	374000_346000	40_40	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n66A	15K_30K	376000_349000	40_40	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n66A	15K_30K	378000_352000	40_40	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n77A	15K_30K	374000_633334	40_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n77A	15K_30K	374000_650000	40_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n77A	15K_30K	376000_656000	40_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n2A_n77A	15K_30K	378000_662000	40_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n66A	15K_30K	166300_518601	15_40	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n66A	15K_30K	167300_650000	15_40	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n66A	15K_30K	168300_636666	15_40	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n77A	15K_30K	166300_633334	15_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n77A	15K_30K	166300_650000	15_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n77A	15K_30K	167300_656000	15_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1
n5A_n77A	15K_30K	168300_662000	15_100	QPSK_DFT-s PI/2 BPSK	1_1	1_1

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4.2 **Measurement Configuration**

		Te	st Chan	nel							Band	lwidth (1	MHz)							M	lodulatio	in DFT-	s-OFDI	М	Mod	dulation	CP-OF	DM			R	B#		
Test Items	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge	Inner 1RB_Left	Inner	Inner	Outer
Conducted Power		v	v	v	v	v	v	v	v	v	v	v							\vdash	v	v	V	V	V	v	V	V	V	TKB_Leil	1RB_Right	V	1RB_Right	Full	Full
Freqency Stability		v	v	v	v	v	V	v	v		v	v							-	v			, v	v	v	v	v	v			v	v	v	v
Occupied Bandwidth		v	v	v	v	v	v	v	v	v	v	v			-	_				v	v	v	v	v										v
Bandedge		v	-	v	v	v	v	v	v	v	v	v								v	<u> </u>			-	v				v	v				v
Mask	2																																	
Conducted Emission		v	v	v	v	v	v	v	v	v	٧	V								v											v			
CCDF		v	v	v	v	v	v	v	v	v	٧	٧												v										v
Radiated Emission		v	v	v								v								v											v			
		Te	st Chan	nel							Band	lwidth (1	MHz)							M	odulatio	n DFT-	s-OF DI	M	Mod	dulation	CP-OF	DM		-	R	B#		
Test Items	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v	v	v	v	v	\vdash	\vdash									-	v	v	V	V	V	v	V	V	V	IKD_LCI	TKB_Kigiti	V	V	v	v
Freqency Stability		·	v	·		<u> </u>	<u> </u>	v								_					<u> </u>	r i	,	· ·	v	•	•							v
Occupied Bandwidth		v	v	v	v	v	v	v												v	v	v	v	v										v
Bandedge	_	v		v	v	v	v	v												v					v				v	v				v
Mask	5																																	
Conducted Emission		v	v	v	v	v	v	v												v											v			
CCDF		V	v	v	v	v	v	v	\square	\square														٧										v
Radiated Emission		V	V	v			V													V							00.0				V			
Test Items	Band	Te	st Chan	nel							Band	lwidth (f	viHz)							M	odulatio	<u> </u>	-s-OFDI	-	Mod	dulation		r			r	B#		
r catilette	banu	L	М	Н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v	v	v	v	v	v	v	v	v		v						v	v	v	v	v	v	v	v	v			v	v	v	v
Freqency Stability]		٧											٧											٧									v
Occupied Bandwidth]	V	٧	v	٧	٧	٧	٧	٧	٧	٧	v		٧						٧	٧	v	٧	v										v
Bandedge	7	V		V	٧	٧	V	V	٧	٧	٧	٧		٧						٧					٧				V	٧				v
Mask																																		-
Conducted Emission CCDF		v v	v v	V	V	V	V	v v	V	V	V	V V		V						v				v							v			
Radiated Emission		V	v	v v	v	v	V	V	V	v	v	V		V V		_			<u> </u>	v	\square			V							v			v
Radaca Emission			st Chan	-				<u> </u>	<u> </u>	<u> </u>	Rann	lwidth (1	(Hz)			_			-		lodulatic	n DET.	-s-OFDI	м	Mor	dulation	CP.OF	DM				B#		
Test Items	Band												-							1		16	64	264		16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
		L	М	Н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	QAM	QAM	QAM	QPSK	QAM		QAM	1RB_Left	1RB_Right	1RB_Left	1RB_Right	Ful	Full
Conducted Power		v	٧	٧	٧	v	v													v	v	٧	٧	٧	٧	٧	٧	٧			V	v	٧	v
Freqency Stability			v				v		\square																v									v
Occupied Bandwidth		v	V	V	V	v	v		\vdash	\vdash									<u> </u>	v	v	V	V	V										v
Bandedge Mask	12	v		v	v	v	v		\vdash	H						_			-	v	\square				v				V	v				v
Conducted Emission		v	v	v	v	v	v													v											v			
CCDF		v	٧	v	v	v	v																	٧										v
Radiated Emission		v	٧	٧			v													v											٧			
		Te	st Chan	nel							Band	lwidth (1	MHz)							М	odulatio	n DFT-	-s-OFDI	М	Mod	dulation	CP-OF	DM			R	B #		
Test Items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v	v	v	v	v	v	v	v	v							⊢	v	v	V	V	V	v	V	V	V	IKD_LCI	TKB_Kiyin	V	V	v	V
Freqency Stability			v	•	-	<u> </u>	<u> </u>	v		H		•				_				<u> </u>	H	<u> </u>	,	·	v									v
Occupied Bandwidth		v	٧	v	v	v	v	v	v	v	v	v								v	v	v	v	٧										v
Bandedge	25	v		v	٧	v	v	v	v	٧	٧	V								v					v				V	v				v
Mask	20																																	
Conducted Emission		V	٧	v	v	٧	٧	٧	٧	٧	٧	v								v											v			
CCDF Radiated Emission	-	v v	v v	v v	v	v	V	V	V	v	V	V V								v				v							v			v
			v st Chan							_	Rapy	v Iwidth (f	(Hz)						-		Indulatio	IN DET	-s-OFDI	м	Mor	dulation	CP.OF	DM				B#		
Test Items	Band												-									1/		257		16		256	Edge	Edge	Inner	Inner	Inner	Outer
		L	М	Н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	QAM	QAM	QAM	QPSK	QAM	QAM	QAM	1RB_Left	1RB_Right	1RB_Left	1RB_Right	Full	Full
Conducted Power		V	٧	v	v	٧														٧	v	v	v	v	٧	٧	٧	v			v	v	v	v
Freqency Stability	l		٧			٧																			٧									v
Occupied Bandwidth		V	v	v	٧	٧														v	v	v	v	v										v
Bandedge Mask	26 Part90s	V		V	v	v														v					v				V	v				v
Mask Conducted Emission	-	v	v	v	v	v														v											v			-
CCDF	1	v	v	v	v	v														É				v							v			v
Radiated Emission	L	v	v	v		v														v											v			
		Те	st Chan	nel							Band	lwidth (f	MHz)							М	iodulatio	in DFT-	s-OFDI	м	Mod	dulation	CP-OF	DM			R	B#		
Test Items	Band	L	М	Н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16	64	256	QPSK	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
		-									55	.3	.5					.3				QAM		QAM		QAM	QAM		1RB_Left	1RB_Right	1RB_Left	1RB_Right	Full	Full
Conducted Power		V	V	V	v	v	V	V												v	V	v	v	V	V	v	V	V			v	v	V	V
Freqency Stability Occupied Bandwidth		v	v v	v	v	v	v	v v												v	v	v	v	v	v									v v
Bandedge	•	v	Ľ.	v	v	v	v	v												v	Ľ,	·	·	,	v				v	v				v
Mask	26																																	
Conducted Emission	1	v	v	v	v	v	v	v												v											v			
							·	·	1							_			_				_			_	_	_						1
CCDF		v	v	V	v	v	V	v																v										v
		v v	v v	v v	V	V	V	v v												v				v							v			V

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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		_		_																-					-									
		Te	st Channe								Ban	dwidth ((MHz)					-		1	Nodulatio	on DFT	-s-OFD	M	Mo	dulation	CP-OF	DM		-	R	B#		
Test Items	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge	Edge	Inner	Inner 100. Disk	Inner Full	Outer
Conducted Power		v			v	v														v		V	_	V		V	V		1RB_Left	1RB_Right	1RB_Left	1RB_Right		Full
Freqency Stability	-	V	v	v	v	v						-	-							v	٧	V	v	v	v	v	V	v			v	v	v	v v
Occupied Bandwidth	-	v	v	V	v	v														v	v	v	v	v	v									v
Bandedge	-	v	v	v	v	v														v	v	v	v	v	v				v	v				v
Mask	30	v	_	v	v	v														v					v									v
Conducted Emission		v	v	v	v	v											_			v											v			
CCDF		v	v	v	v	v											_							v										v
Radiated Emission	-	v	v	v	·	v														v				·							v			
		_	st Channe	_		-				1	Ran	dwidth ((MHz)								Nodulatio	n DFT	s-OFD	м	Mo	dulation	CP.OF	DM				B#		
Test liems	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	1	1	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v		٧	v	v	٧	٧		v								v	v	v	٧	٧	v	v	v	٧			v	v	v	v
Freqency Stability			v									v													v									v
Occupied Bandwidth		v	٧	v		٧	v	v	٧	٧		v								v	٧	V	٧	٧										v
Bandedge	38																																	
Mask	30	v		v		٧	v	V	V	٧		v								v					v				V	v				v
Conducted Emission	1	v	v	V		٧	٧	٧	٧	٧		v								v											V			
CCDF	1	v	v	v		٧	v	٧	v	٧		v												٧										v
Radiated Emission		v	V	v								v								v											v			
		Te	st Channe	1							Ban	dwidth ((MHz)							1	Nodulatio	on DFT	s-OFD	М	Mo	dulation	CP-OF	DM			R	B#		
Test Items	Band		М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	OPSK	16	64	256	OPSK	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
																						QAM	QAM	QAM		QAM	QAM	QAM	1RB_Left	1RB_Right	1RB_Left	1RB_Right	Full	Full
Conducted Power		v	v	v		٧	v	v	٧	٧	v	v	v	٧	٧	٧	V	٧	v	٧	v	v	٧	٧	٧	V	V	v			V	v	v	v
Freqency Stability			v																٧						v									V
Occupied Bandwidth		v	v	v		٧	v	V	v	V	٧	V	٧	٧	v	٧	V	٧	v	v	v	V	V	v										V
Bandedge	41																																	
Mask	_	v		V		٧	V	v	v	۷	v	v	V	٧	٧	٧	٧	٧	v	v					٧				V	V				v
Conducted Emission	_	v	v	v		۷	V	v	٧	۷	v	v	V	V	v	٧	V	٧	٧	٧											V			_
CCDF Radiated Emission		V	v	V		V	v	v	٧	v	v	v	V	V	٧	v	v	V	v v					v							v			v
		v	V	v														l		v					i									-
	Pand	-	v st Channe	-					1	1	Ban	dwidth ((MHz)	ı		1				-	Nodulatio	r	-	r	Мо	dulation	-	-			R	B#		
Test Items	Band	-		-	5	10	15	20	25	30	Ban 35	dwidth ((MHz) 45	50	60	70	80	90	100)	Aodulatio	16	64	256	Mo QPSK	16	64	256	Edge 1RB Left	Edge 1RB Right	R	Inner	Inner Full	Outer
Test llems	Band	Te L	st Channe M	Н							35	40	45	50	60	70	80	90		N BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	R Inner 1RB_Left	Inner 1RB_Right	Full	Full
Test llems Conducted Power	Band	-	M V		5 V	10 v	15 v	20 v	25 V	30 V	1	40 V	1	50	60	70	80	90)	1	16	64	256	QPSK v	16	64	256			R	Inner		Full V
Test Items Conducted Power Freqency Stability	Band	Te L	st Channe M	Н							35	40	45	50	60	70	80	90		N BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM			R Inner 1RB_Left	Inner 1RB_Right	Full	Full V V
Test Items Conducted Power Fregency Stability Occupied Bandwidth	-	Te L V V	M V V	H V V	v v	v	v v	v v	v v	v v	35 V V	40 v v v	45 V V	50	60	70	80	90		BPSK V	QPSK v	16 QAM v	64 QAM V	256 QAM V	QPSK v v	16 QAM	64 QAM	256 QAM	1RB_Left	1RB_Right	R Inner 1RB_Left	Inner 1RB_Right	Full	Full V V V
Test Ilems Conducted Power Fregency Stability Occupied Bandwidth Bandedge	Band	Te L V	M V V	H V	v	v		v	v	v	35 V	40 v v	45 v	50	60	70	80	90		BPSK V	QPSK v	16 QAM v	64 QAM V	256 QAM V	QPSK v	16 QAM	64 QAM	256 QAM			R Inner 1RB_Left	Inner 1RB_Right	Full	Full V V
Test Ilems Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask	-	Te L V V	M V V	H V V	v v	v	v v	v v	v v	v v	35 V V	40 v v v	45 V V	50	60	70	80	90		BPSK V	QPSK v	16 QAM v	64 QAM V	256 QAM V	QPSK v v	16 QAM	64 QAM	256 QAM	1RB_Left	1RB_Right	R Inner 1RB_Left v	Inner 1RB_Right	Full	Full V V V
Test Ilems Conducted Power Fregency Stability Occupied Bandwidth Bandedge	-	Te L V V	M V V V	H V V V	v v v	V V V	v v v	V V V	v v v	V V V	35 V V V	40 v v v v	45 V V V	50	60	70	80	90		BPSK V V V	QPSK v	16 QAM v	64 QAM V	256 QAM V	QPSK v v	16 QAM	64 QAM	256 QAM	1RB_Left	1RB_Right	R Inner 1RB_Left	Inner 1RB_Right	Full	Full V V V
Test Ilems Conducted Power Fregency Stability Occupied Bandwidth Bandedge Mask Conducted Emission	-	V V V V	V V V V V V V V V V V V V V V V V V V	H V V V	v v v	V V V	V V V V	V V V V	v v v	V V V V	35 v v v v	40 v v v v v v v	45 v v v v	50	60	70	80	90		BPSK V V V	QPSK v	16 QAM v	64 QAM V	256 QAM V	QPSK v v	16 QAM	64 QAM	256 QAM	1RB_Left	1RB_Right	R Inner 1RB_Left v	Inner 1RB_Right	Full	Full V V V V
Test Items Conducted Power Freqency Stabiliy Occupied Bandwidth Bandedge Mask Conducted Emission CCDF	-	Te L v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	H V V V V V V V V	v v v	V V V	V V V V	V V V V	v v v	V V V V	35 v v v v v v v	40 v v v v v v v v v v v	45 V V V V V V V	50	60	70	80	90		BPSK V V V V V	QPSK V V	16 OAM V V	64 QAM V	256 OAM V V	QPSK V V	16 QAM V	64 QAM V	256 OAM V	1RB_Left	1RB_Right	R Inner 1RB_Left V V	Inner 1RB_Right V	Full	Full V V V V
Test Items Conducted Power Freqency Stabiliy Occupied Bandwidth Bandedge Mask Conducted Emission CCDF	-	Te L v v v v v v v v v v v v v	V V V V V V V V V V V V	H V V V V V V V V	v v v v	v v v v	V V V V V V	V V V V V V	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	BPSK V V V V V V	V V V	16 OAM V V	64 OAM V V	256 OAM V V	QPSK V V V	16 QAM V	64 OAM V CP-OF	256 QAM V	1RB_Left v v	1RB_Right v v	R Inner 1RB_Left v v	Inner 1RB_Right v	Full V	Full V V V V V V V V V V V V V
Test Items Conducted Power Freqency Sability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission	66	Te L v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	H V V V V V V V V	v v v	V V V	V V V V	V V V V	v v v	V V V V	35 v v v v v v v	40 v v v v v v v v v v v	45 V V V V V V V	50	60 	70	80	90		BPSK V V V V V V	QPSK V V	16 OAM V V	64 QAM V	256 OAM V V	QPSK V V	16 QAM V	64 QAM V	256 OAM V	1RB_Left	1RB_Right	R Inner 1RB_Left V V	Inner 1RB_Right V	Full	Full V V V V
Test Items Conducted Power Freqency Sability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission	66	Te L v v v v v v v v v v v v v	V V V V V V V V V V V V	H V V V V V V V V	v v v v	v v v v	V V V V V V	V V V V V V	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	BPSK V V V V V V	V V V	16 QAM v v	64 QAM V V	256 QAM V V V V V V	QPSK V V V	16 QAM V	64 QAM V CP-OF 64	256 OAM V 	1RB_Left	1RB_Right v L L L L L L L L L L L L L L L L L L	R Inner 1RB_Left v v v v v	Inner 1RB_Right V Inner	Full v	Full V V V V V V V V Ouler
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items	66	Te L V V V V V V Te L	St Channe M V V V V V V V St Channe M	H V V V V V V V H	v v v v v v	v v v v v	v v v v v v	v v v v v v 20	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	N BPSK V V V V V V V BPSK	OPSK	16 QAM v v	64 QAM V V S-OFD 64 QAM	256 QAM V V V V V V V V V V	OPSK V V V OPSK	16 QAM v	64 QAM V CP-OF 64 QAM	256 OAM V 	1RB_Left	1RB_Right v L L L L L L L L L L L L L L L L L L	R Inner 1RB_Left v v v v R Inner 1RB_Left	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full V V V V V Outer Full
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power	66	Te L V V V V V V Te L	st Channe M V V V V V V St Channe M V	H V V V V V V V H	v v v v v v	v v v v v	v v v v v v	v v v v v v v v v v v v v v v v v v	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	N BPSK V V V V V V V BPSK	OPSK	16 QAM v v	64 QAM V V S-OFD 64 QAM	256 QAM V V V V V V V V V V	OPSK v v v opsk v	16 QAM v	64 QAM V CP-OF 64 QAM	256 OAM V 	1RB_Left	1RB_Right v L L L L L L L L L L L L L L L L L L	R Inner 1RB_Left v v v v R Inner 1RB_Left	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full V V V V V V Outer Full V V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability	66 Band	Te L V V V V V V Te L V	st Channe M V V V V V V V St Channe M V V	H V V V V V V V V V V V V V V V V V V V	v v v v v v 5	v v v v v 10	v v v v v v 15 v	V V V V V V 20 V V	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	BPSK V V V V BPSK	OPSK v v l l l l l l l l l l l l l l l l l	16 QAM V V V U U U D D D FT 16 QAM V	64 QAM V V S-OFD 64 QAM V	256 QAM V V V V V V V V V V V V V V V V	OPSK v v v opsk v	16 QAM v	64 QAM V CP-OF 64 QAM	256 OAM V 	1RB_Left	1RB_Right v L L L L L L L L L L L L L L L L L L	R Inner 1RB_Left v v v v R Inner 1RB_Left	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full V V V V V V V Outer Full V V V V V V V V V V V V V V V V V V
Test Items Conducted Power Freepory Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freepory Stability Occupied Bandwidth	66	Te L v	st Channe M V V V V V V V St Channe M V V	H V V V V V V V V V V V V V V V	V V V V V V 5 V V	v v v v v 10 v v	v v v v v v 15 v v	V V V V V V V 20 20 V V V	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	BPSK V V V V BPSK V V	OPSK v v l odulatio	16 QAM V V V U U U D D D FT 16 QAM V	64 QAM V V S-OFD 64 QAM V	256 QAM V V V V V V V V V V V V V V V V	OPSK v v v v v v opsk v v v	16 QAM v	64 QAM V CP-OF 64 QAM	256 OAM V 	V Edge 1RB_Left	1RB_Right v V Edge 1RB_Right	R Inner 1RB_Left v v v v R Inner 1RB_Left	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full v v v v v v Outer Full v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission	66 Band	Te L v	st Channe M V V V V V V V St Channe M V V	H V V V V V V V V V V V V V V V	V V V V V V 5 V V	v v v v v 10 v v	v v v v v v 15 v v	V V V V V V V 20 20 V V V	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	BPSK V V V V BPSK V V	OPSK v v l odulatio	16 QAM V V V U U U D D D FT 16 QAM V	64 QAM V V S-OFD 64 QAM V	256 QAM V V V V V V V V V V V V V V V V	OPSK v v v v v v opsk v v v	16 QAM v	64 QAM V CP-OF 64 QAM	256 OAM V 	V Edge 1RB_Left	1RB_Right v V Edge 1RB_Right	R Inner 1RB_Left v v v v R Inner 1RB_Left	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full v v v v v v Outer Full v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF	66 Band	Te L v	M V V V V V V V V V V V V V V V V V V V	H V V V V V V V V V V V V V V V V V V V	v v	v v v v v v v v v v v v v v v	V V V V V V 15 V V V V V	v v	V V V V V V	v v v v	35 V V V V V Ban	40 v v v v v v v v v v v v v	45 v v v v v v v (MHz)						100	BPSK v v v v v bPSK v v v v v v v v	OPSK v v l odulatio	16 QAM V V V U U U D D D FT 16 QAM V	64 QAM V V S-OFD 64 QAM V	256 QAM V V V V V V V V V V V V V V V V	OPSK v v v v v v opsk v v v	16 QAM v	64 QAM V CP-OF 64 QAM	256 OAM V 	V Edge 1RB_Left	1RB_Right v V Edge 1RB_Right	R Inner 1RB_Left v v v v v r R Inner 1RB_Left v v	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full v v v v v v Outer Full v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission	66 Band	Te L v	M V V V V V V V V V V V V V V V V V V V	H V V V V V V V V V V V V V V V V V V V	v v	v v v v v v 10 v v v v v v v v	v v v v v v v 15 v v v v v v v	V V V V V V 20 V V V V V V V V	V V V V V V	v v v v	35 V V V Ban 35 	40 v v v v v v v v v v v v v	45 v v v v v 45 45						100	BPSK V V V V BPSK V V V V V V V V V V V V	OPSK v v v v v v v oPSK v v v	16 OAM v v v	64 QAM V V V S-S-OFD 64 QAM V V	256 QAM V V V V Z56 QAM V V V V V V V	OPSK V V V OPSK V V V V V	16 QAM v 	64 QAM V CP-OF 64 QAM V	256 OAM v 	V Edge 1RB_Left	1RB_Right v V Edge 1RB_Right	R Inner 1RB_Left v v v v v R R R Inner 1RB_Left v v v	Inner 1RB_Right V Inner IRB_Right V Inner IRB_Right V Inner	Ful v Inner Ful	Full v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission	66 Band 71	Te L v	M V V V V V V V V V V V V V V V V V V V	H V V V V V V V V V V V V V V V V V V V	v v	v v v v v v 10 v v v v v v v v	v v v v v v v 15 v v v v v v v	v v	V V V V V V	v v v v	35 V V V Ban 35 	40 v v v v v v v v v v v v v	45 v v v v v 45 45						100	BPSK V V V V BPSK V V V V V V V V V V V V	OPSK v v l l l l l l l l l l l l l l l l l	16 OAM v v v	64 QAM V V V S-S-OFD 64 QAM V V	256 QAM V V V V Z56 QAM V V V V V V V	OPSK V V V OPSK V V V V V	16 QAM v	64 QAM V CP-OF 64 QAM V	256 OAM v 	1RB_Left v v Edge IRB_Left v v v v v v v v v v v v v v v v v v v	1RB_Right v V Edge 1RB_Right	R Inner 1RB_Left v v v v v R R R Inner 1RB_Left v v v	Inner 1RB_Right V Inner IRB_Right Inner 1RB_Right	Ful v Inner Ful	Full v
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Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission CCDF Radia	66 Band 71	Te L v	st Charner M V V V V V V V V V V V V V V V V V V	H V V V V V V V V V V V V V V V V V V V	v v	v v v v v 10 v v v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	v v	25 25 25 25 25 25 25 25	V V V V V 30 30 30 30 V V V	35 v v v v Ban 35 	40 v v v v v dwidth dwidth 40 40 40 40 40 40 40 40 40 40	45 v v v v v 45 45 45 45 45 45 45 45 45 45	50 50 50 v	60 60 60 60 60 7 7 7	70 70 70 70 70 70 v	80 80 90 90 90 90 90 90 90 90 90 90 90 90 90	90 90 90 90 90 v		PSK	OPSK V V OPSK OPSK V OPSK	16 OAM v v v on DFT 16 OAM v v v n DFT 16 OAM	64 OAM V V V S-OFD 64 OAM V V C S-OFD 64 OAM	256 QAM v v v v Z56 QAM v v Z56 QAM v v z z6 QAM	OPSK V V V V OPSK V V V OPSK OPSK	16 OAM v u u u u u u u u u u u u u u u u u u	64 OAM V CP-OF 64 OAM V CP-OF 64 OAM	256 OAM V D D D D D D D D D D D D D D D D	1RB_Left V V Edge 1RB_Left V Edge Edge Edge Edge Edge Edge	1RB_Right	R Inner 1RB_Left v v v R R Inner 1RB_Left v v v v	Inner 1RB_Rght v 1 1 1 1 1 1 1 1 1 1 1 1 1	Full V Inner Full Inner Full Inner Full	Full V V V V V V V V V V V V V V V V V V Outer Full V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Conducted Emission Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission CODF Radiated Emission CCDF Radiated Emission CC	66 Band 71	Te L v	st Charner M V V V V V V V V V V V V V V V V V V	H V V V V V V V V V V V V V V V V V V V	v v	v v v v v 10 v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	v v	25 25 25 25 25	V V V V 30 30 30 V V	35 v v v v Ban 35 	40 v v v v v dwidth 40 40 40 40 40 40 40 40 40 40	45 v v v v v 45 45 45 45 45 45 45 45 45 45	50 50 50 v	60 60 60 60 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	70 70 70 70	80 80 80 90 90 90 90 90 90 90 90 90 90 90 90 90	90		BPSK V V V V BPSK V V V V V V V V V V V V V V V V V V V	OPSK v v odulati OPSK v OPSK v	16 QAM V V On DFT 16 QAM V V V 16 QAM V V V	64 QAM V V S-OFD 64 QAM V V S-OFD 64 QAM V	256 QAM V V V V M 256 QAM V V V V V V V V V V V	OPSK v v v opsk v opsk v v v opsk v v v v v v v v v v v v v	16 OAM v u u u u u u u u u u u u u u u u u u	64 OAM V CP-OF 64 OAM V CP-OF 64 OAM	256 OAM V D D D D D D D D D D D D D D D D	1188_Lett V V L L L L L L L L L L L L L L L L L	1RB_Right v Edge 1RB_Right v v Edge 1RB_Right 1RB_Right	R Inner 1RB_Left v v v R R Inner 1RB_Left v v v v	Inner 1RB_Rght v 1 1 1 1 1 1 1 1 1 1 1 1 1	Full V Inner Full Inner Full Inner Full	Full V
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Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission Conducted Power Freqency Stability Occupied Bandwidth Bandedge Mask Conducted Emission CCDF Radiated Emission CDF Radiated Emis Radiated Emis	66 Band 71 Band	Te L v	St Charner M V V V V V V V V V V V V V V V V V V	H V V V V V V V V V V V V V V V V V V V	v v	v v v v v v 10 v v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	v v	25 225 225 225 225 225 225 225 225 225	v v v v v v v 30 a a a a a a a a a a a a a a a a b a b a a b a b b a a b a a b a b a a a a a a a a a a a a a	35 v v v v Ban 35 	40 v v v v v v v v v v v v v	45 v v v v v 45 45 45 45 45 45 45 45 45 45	50 50 50 50 7 7 7 7 7 7	60 60 60 v v v v	70 70 70 70 70 70 v		90 90 90 v v v v	100 100 100 100 v v v v v	BPSK V V V V BPSK V V V V V V V V V V V V V V V V V V V	OPSK v v odulati OPSK v OPSK v	16 QAM V V On DFT 16 QAM V V V 16 QAM V V V	64 QAM V V S-OFD 64 QAM V V S-OFD 64 QAM V	256 QAM V V V V M 256 QAM V V V V V V V V V V V	OPSK v v v opsk v opsk v v v opsk v v v v v v v v v v v v v	16 OAM v u u u u u u u u u u u u u u u u u u	64 OAM V CP-OF 64 OAM V CP-OF 64 OAM	256 OAM V D D D D D D D D D D D D D D D D	1188_Lett V V L L L L L L L L L L L L L L L L L	1RB_Right v Edge 1RB_Right v v Edge 1RB_Right 1RB_Right	R liner 1RB_Let v v v v R R liner 1RB_Let v v v v v v v v v v v v v	Inner 1RB_Rght v 1 1 1 1 1 1 1 1 1 1 1 1 1	Full V Inner Full Inner Full Inner Full	Full V

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2TX

		Te	est Chan	nel							Ban	dwidth (l	MHz)							I	Modulati	on DFT	-s-OFDI	A.	Mo	dulation	CP-OF	DM			RI	B#		
Test Items	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		V	٧	v		٧	٧	V	V	٧	٧	٧	٧	V	V	٧	٧	٧	٧						٧	v	٧	٧			v	v	v	v
Freqency Stability	1		v																v						v									v
Occupied Bandwidth	1	V	v	v		v	v	v	V	v	v	v	v	v	v	v	v	v	v						v	v	٧	v						v
Bandedge	41	V		v		v	v	v	v	v	v	v	v	v	v	v	v	v	v						v				v	v				v
Mask	41	V	v	v		٧	v	v	v	v	v	v	v	v	v	v	v	v	٧						v				v	v				v
Conducted Emission	1	V	v	v		v	v	v	V	v	v	v	v	v	v	v	v	v	٧						v						v			
CCDF		V	v	v		v	v	v	v	v	v	v	v	v	v	v	v	v	v									v						v
Radiated Emission	1	V	v	v															v						v						v			

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MEASUREMENT UNCERTAINTY 5

Test Items	Une	certair	nty
RF Power Output	+/-	0.97	dB
ERP/ EIRP measurement	+/-	2.15	dB
	+/-	2.15	dB
Emission Bandwidth	+/-	1.38	Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/-	0.77	dB
Peak to Average Ratio	+/-	0.97	dB
Frequency Stability vs. Temperature	+/-	1.48	Hz
Frequency Stability vs. Voltage	+/-	1.48	Hz
Temperature	+/-	0.6	°C
Humidity	+/-	3	%
DC / AC Power Source	+/-	1	%

Radiated Spurious Em	issio	n Measur	ement	Uncertainty
	+/-	1.89	dB	9kHz~30MHz
Polarization: Vertical	+/-	4.15	dB	30MHz - 1000MHz
	+/-	3.43	dB	1GHz - 18GHz
	+/-	3.86	dB	18GHz - 40GHz
	+/-	1.89	dB	9kHz~30MHz
Polarization: Horizontal	+/-	4.02	dB	30MHz - 1000MHz
	+/-	3.43	dB	1GHz - 18GHz
	+/-	3.86	dB	18GHz - 40GHz
	+/-	2	dB	33GHz-50GHz
	+/-	1.59	dB	50GHz-60GHz
Radiated Spurious Emission	+/-	1.7	dB	60GHz-90GHz
	+/-	1.64	dB	90GHz-140GHz
	+/-	3.83	dB	140GHz-220GHz

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

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MEASUREMENT EQUIPMENT USED 6

6.1 **Conducted Measurement**

	C	Conducted Emission T	est Site: Conducted	3	
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/24/2024	04/23/2025
PXA Spectrum Analyzer	Keysight	N9030B	MY61330494	03/22/2024	03/21/2025
3.1G High Pass Filter	Woken	WFIL-H3100- 18000F-01	WRGBAFWC2B6	12/12/2023	12/11/2024
Attenuator	Mini-Circuits	BW-S10W2+	16	12/12/2023	12/11/2024
DC Block	Mini-Circuits	BLK-18-S+	14	12/12/2023	12/11/2024
DC Power Supply	Gwinstek	SPS-3610	GEW902152	01/18/2024	01/17/2025
Radio Communication Analyzer	KEYSIGHT	E7515B	MY60191250	01/14/2024	01/13/2025
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	04/10/2024	04/09/2025
Splitter	Titan	T0510E2W118Q	22015158	12/12/2023	12/11/2024
Temperature Chamber	Giant Force	GTH-150-40-CP-AR	MAA0512-018	06/05/2024	06/04/2025
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R

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6.2 **Radiated Measurement**

		Radiated Emissio	n Test Site: SAC 3		
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
1G High Pass Filter	Micro-Tronics	HPM50108	32	12/12/2023	12/11/2024
2G High Pass Filter	Micro-Tronics	HPM50110	36	12/12/2023	12/11/2024
Band Reject Filter 1700-2000	EWT	EWT-54-0038	M1	12/12/2023	12/11/2024
Band Reject Filter 3300-3900	WI	WRCGV3400/3800- 3300/3900-40/12SS	1	12/12/2023	12/11/2024
Band Reject Filter 800-1000	EWT	EWT-54-0037	M3R	12/12/2023	12/11/2024
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/17/2024	07/16/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/09/2024	08/08/2025
Coaxial Cables	EMCl+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102+SUCOFLEX 106	TX Cable 30M-40G 23051/2+76096/6+2 2962/2	08/30/2024	08/29/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/06/2024	02/05/2025
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/10/2024	07/09/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2024	09/22/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/15/2024	05/14/2025
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/28/2023	12/27/2024
Network Analyzer	R&S	ZNB 40	101842	05/16/2024	05/15/2025
Pre-Amplifier	EMCI	EMC118A45SEE	980868	08/30/2024	08/29/2025
Pre-Amplifier	EMCI	EMC184045SEE	9080939	08/30/2024	08/29/2025
Pre-Amplifier	HP	8447D	2944A07676	08/30/2024	08/29/2025
Radio Communication Analyzer	KEYSIGHT	E7515B	MY59321566	02/15/2024	02/14/2025
Site Cal	SGS	SAC 3	N/A	08/30/2024	08/29/2025
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

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STANDARD APPLICABLE 7

7.1 Maximum Output Power

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals.

7.1.1 **ERP/EIRP LIMIT**

According to FCC §2.1046

FCC 22.913(a)

(5) mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

FCC 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

FCC 27.50 (a)

(3) for mobile and portable stations compliant with 3GPP LTE standards transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band are limited to 250 mW/ 5MHz EIRP but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

FCC 27.50(c)

(9) Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

FCC 27.50(d)

(4) Mobile, and portable (hand-held) stations operating in the 1710-1755 MHz, 1695-1710 MHz and 1755-1780 MHz bands are limited to 1W EIRP.

FCC 27. 50(h) f

(2) Mobile and other user stations transmitting in the BRS and EBS bands are limited to 2 W EIRP.

FCC 27, 50(j)

(3) Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

FCC 27, 50(k)

(3) Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

FCC 90.635(b)

Mobile station is limited to 100W ERP

7.2 **Occupied Bandwidth Measurement**

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

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7.3 Out Of Band Emission At Antenna Terminals

FCC §22.917(a), §24.238(a), §27.53(h), §90.691(a)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$.

FCC §27.53(a)

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;
- (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;
- (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

FCC §27.53(g)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

FCC §27.53(h)

(h) *AWS emission limits*—(1) *General protection levels.* Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P) dB$ on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P) dB$ on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P) dB$ on all frequencies between

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2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

FCC §90.691 Emission mask requirements for EA-based systems

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

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7.4 Field Strength Of Spurious Radiation Measurement

According to FCC §2.1053,

FCC §22.917(a), §24.238(a), §27.53(h), §90.691(a)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$.

FCC §27.53(a)

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

- (4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:
 - (ii) By a factor of not less than $70 + 10 \log (P) dB$ below 2288 MHz; (iii) By a factor of not less than $70 + 10 \log (P) dB$ above 2365 MHz.

FCC §27.53(g)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

FCC §27.53(h)(1)

(h) *AWS emission limits*—(1) *General protection levels*. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.

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For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least

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one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

§90.691 Emission mask requirements for EA-based systems

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(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

7.5 Frequency Stability Measurement

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

7.6 Peak to Average Ratio

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

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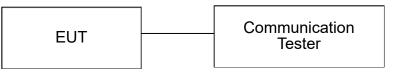
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TEST SETUP 8

8.1 **Maximum Output Power**



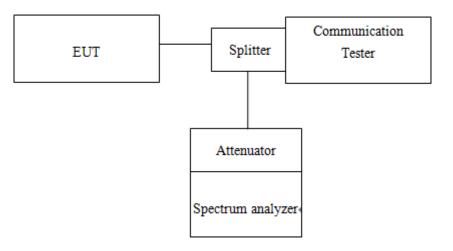
Note: Measurement setup for testing on Antenna connector

8.2 **Occupied Bandwidth Measurement**



Note: Measurement setup for testing on Antenna connector

Out of Band Emission At Antenna Terminals 8.3



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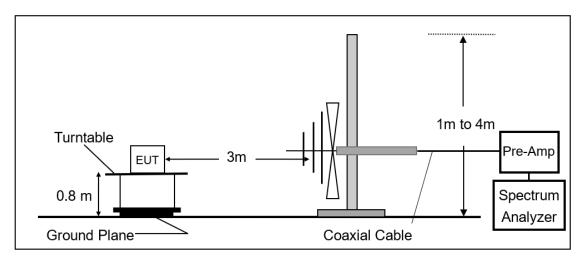
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.

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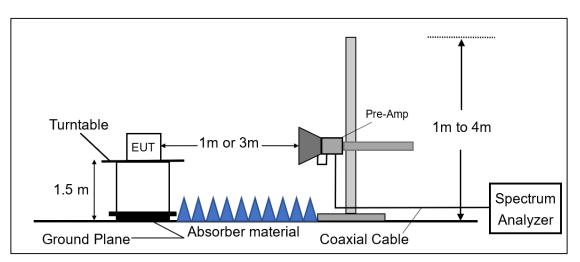


8.4 Field Strength of Spurious Radiation Measurement

Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



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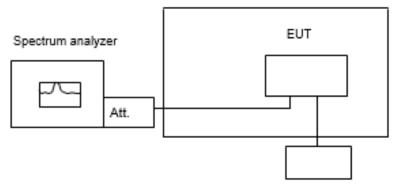
f (886-2) 2298-0488





8.5 Frequency Stability Measurement

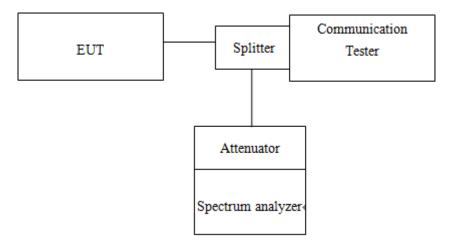
Temperature Chamber



Variable DC Power Supply

Note: Measurement setup for testing on Antenna connector

8.6 **Peak To Average Ratio**



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TEST PROCEDURE 9

9.1 Maximum Output Power

9.1.1 Output Power Measurement Applicable Guideance

The transmitter output was connected to a communication tester. Transmitter output was read off the communication tester in dBm. The power output at the transmitter antenna port was determined by the communication tester reading. KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results. All LTE bands conducted average power is obtained from the simulator telecommunication test set.

9.1.2 Determining ERP and/or EIRP from conducted RF output power measurements

According to KDB 412172 D01 Power Approach,

 $EIRP = P_T + G_T - L_c$

ERP= EIRP-2.15.

Where:

ERP or EIRP	= effective radiated power or equivalent isotropically radiated power (expressed in the same units as PT, typically dBW, dBm, or power spectral density (PSD)2), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);
Ρτ	= transmitter output power, expressed in dBW, dBm, or PSD;
Gτ Lc	 gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP); signal attenuation in the connecting cable between the transmitter and antenna, in dB.

9.2 **Occupied Bandwidth Measurement**

99% &26dB Bandwidth with detector peak

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% of emission BW, VBW= 3 times RBW, -26dBc display line was placed on the screen (or 26dB bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. Then set RBW to 99% bandwidth, RBW= 1%, VBW= 3 * RBW, with span > 2 * Signal BW, set % Power = 99%.

99% Bandwidth with detector sample

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% ~ 5% of emission BW, VBW= 3 times RBW. Set RBW= $1\% \sim 5\%$, VBW= 3 * RBW, with span > 2 * Signal BW, set % Power = 99%.

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Out of Band Emission at Antenna Terminals 9.3

9.3.1 Conducted Emission

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. Set RBW = 1MHz & VBW = 1MHz on Spectrum.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

9.3.2 Band Edge

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. The band edge of low and high channels for the highest RF powers was measured. Setting RBW \geq 1% EBW.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

9.4 Field Strength of Spurious Radiation Measurement

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

Frequency Stability Measurement 9.5

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low

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enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

9.6 Peak to Average Ratio

- 1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
- 2. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth; & internal =1ms
- 3. Set the number of counts to a value that stabilizes the measured CCDF curve.

10 MEASUREMENT RESULTS

Please refer to the Annex A-Measurement Results.

~ End of Report ~

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