

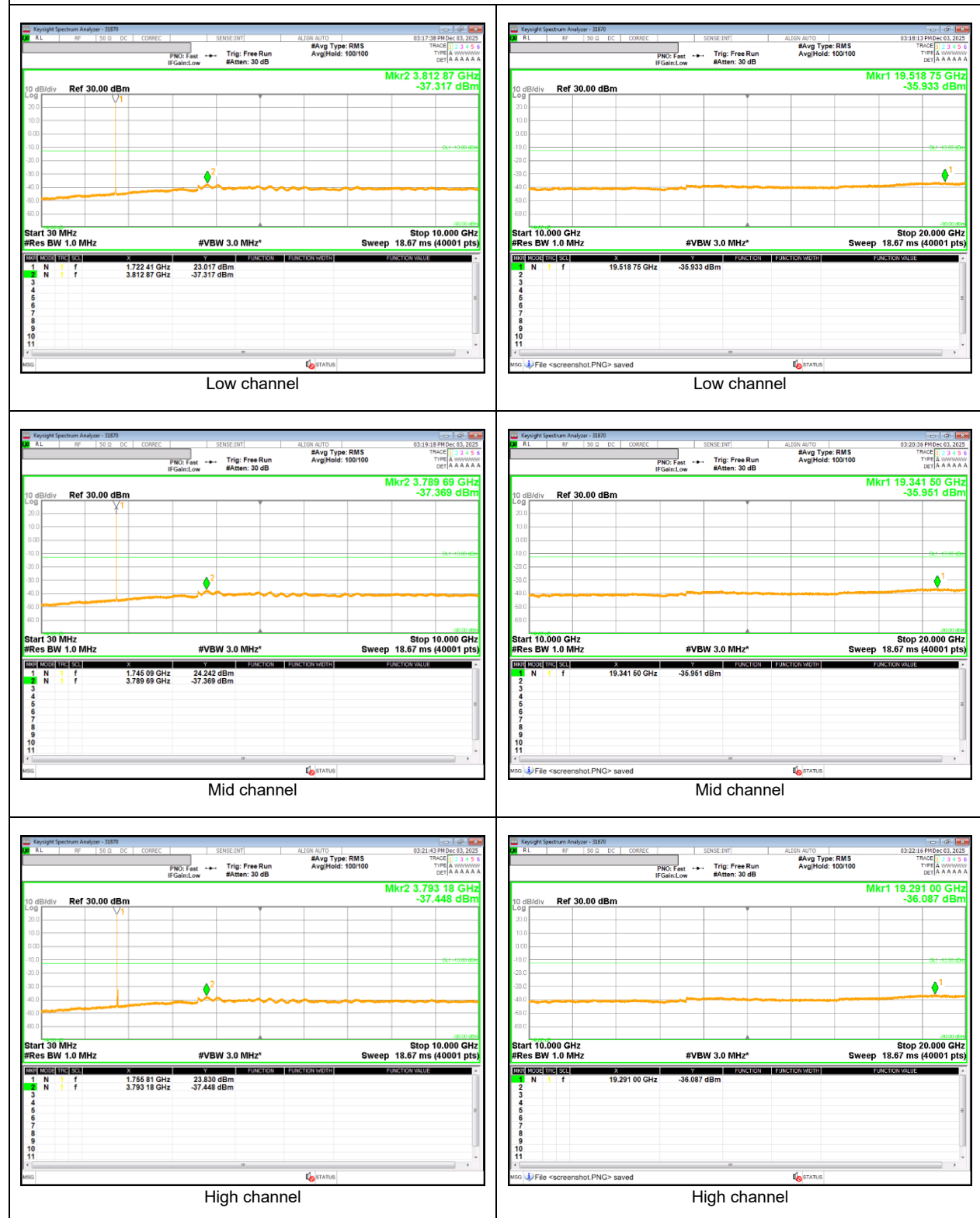
NR Band n41 (PC2) (ANT B)

90 MHz QPSK DFT-s_OFDM



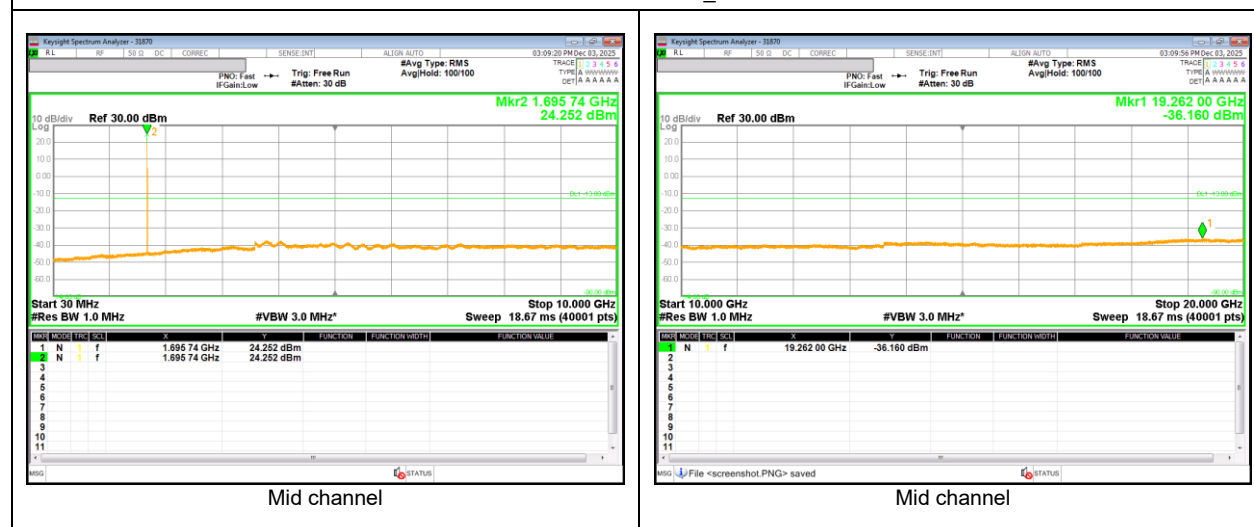
NR Band n66 (ANT A)

25 MHz QPSK DFT-s_OFDM



NR Band n70 (ANT F)

15 MHz QPSK DFT-s_OFDM

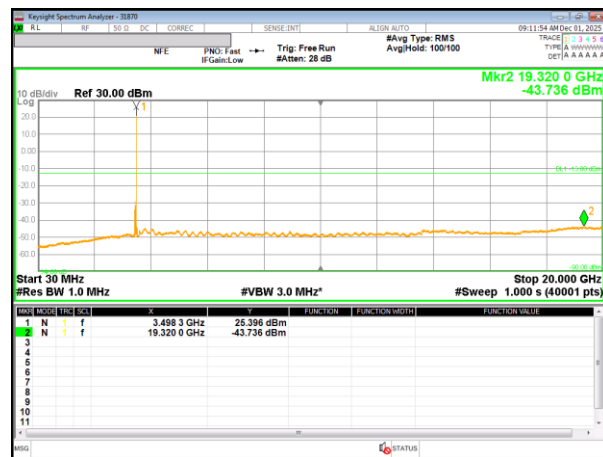


NR Band n71 (ANT E)

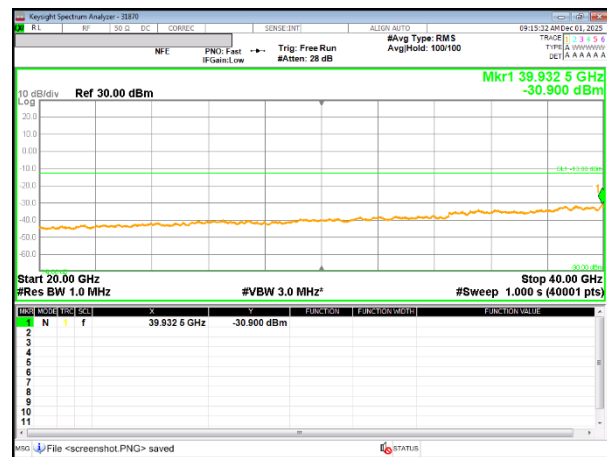


NR Band n77 (PC2, 3450-3550 MHz) (ANT F)

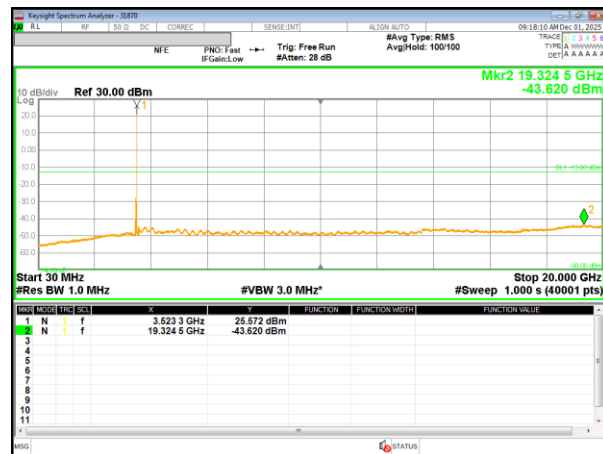
50 MHz QPSK DFT-s_OFDM



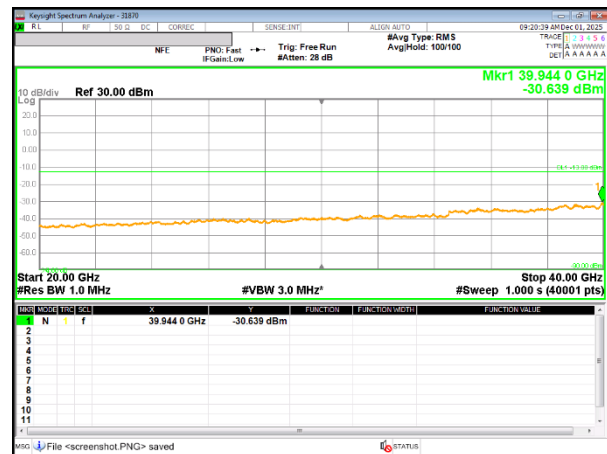
Low channel



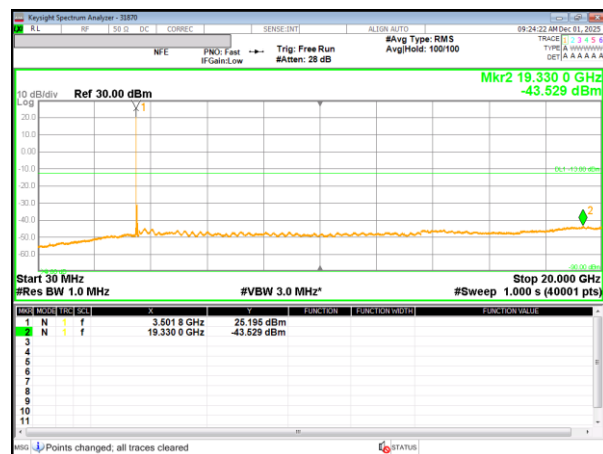
Low channel



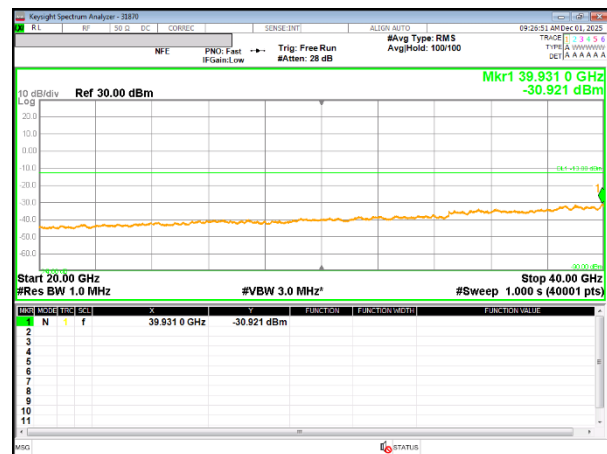
Mid channel



Mid channel



High channel



High channel

NR Band n77 (PC2, 3700-3980 MHz) (ANT F)

50 MHz QPSK DFT-s_OFDM



8.6. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §27.54

LIMITS

Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

TEST PROCEDURE

Per KDB 971168 D01 Power Meas License Digital Systems v03r01

NOTE

Test were performed each lowest or highest frequency on the modulation condition of more wide bandwidth.(Please refer to OBW results)

RESULTS

See the following pages.

8.6.1. FREQUENCY STABILITY RESULT

WCDMA Band 4 (Lowest Frequency: Rel99 / Highest Frequency: Rel99)

Test Date	2025-11-13
Test Engineer	22933

Limit		1710	1755	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1710.3274	1754.6900		
Extreme (50C)		1710.3274	1754.6900	17.2	0.010
Extreme (40C)		1710.3274	1754.6900	10.4	0.006
Extreme (30C)		1710.3274	1754.6900	11.3	0.006
Extreme (10C)		1710.3274	1754.6900	11.7	0.007
Extreme (0C)		1710.3274	1754.6900	11.9	0.007
Extreme (-10C)		1710.3274	1754.6900	12.1	0.007
Extreme (-20C)		1710.3274	1754.6900	17.2	0.010
Extreme (-30C)		1710.3274	1754.6900	17.1	0.010
20C	15%	1710.3274	1754.6900	6.3	0.004
	-15%	1710.3274	1754.6900	7.2	0.004
	End Point	1710.3274	1754.6900	6.6	0.004

LTE Band 7 (Lowest Frequency: QPSK / Highest Frequency: 16QAM)

Test Date	2025-11-13
Test Engineer	22933

Limit		2500	2570	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2500.2542	2569.7473		
Extreme (50C)		2500.2542	2569.7473	9.4	0.004
Extreme (40C)		2500.2542	2569.7473	9.4	0.004
Extreme (30C)		2500.2542	2569.7473	10.1	0.004
Extreme (10C)		2500.2542	2569.7473	9.8	0.004
Extreme (0C)		2500.2542	2569.7473	10.0	0.004
Extreme (-10C)		2500.2542	2569.7473	9.4	0.004
Extreme (-20C)		2500.2542	2569.7473	10.0	0.004
Extreme (-30C)		2500.2542	2569.7473	10.0	0.004
20C	15%	2500.2542	2569.7473	9.9	0.004
	-15%	2500.2542	2569.7473	9.9	0.004
	End Point	2500.2542	2569.7473	10.0	0.004

LTE Band 12 (Lowest Frequency: 16QAM / Highest Frequency: 16QAM)

Test Date	2025-11-13
Test Engineer	22933

Limit		699	716	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	699.1531	715.8470		
Extreme (50C)		699.1531	715.8470	7.7	0.011
Extreme (40C)		699.1531	715.8470	7.4	0.010
Extreme (30C)		699.1531	715.8470	7.5	0.011
Extreme (10C)		699.1531	715.8470	5.8	0.008
Extreme (0C)		699.1531	715.8470	7.1	0.010
Extreme (-10C)		699.1531	715.8470	9.2	0.013
Extreme (-20C)		699.1531	715.8470	4.5	0.006
Extreme (-30C)		699.1531	715.8470	5.9	0.008
20C	15%	699.1531	715.8470	6.4	0.009
	-15%	699.1531	715.8470	7.0	0.010
	End Point	699.1531	715.8470	4.6	0.007

LTE Band 13 (Lowest Frequency: QPSK / Highest Frequency: QPSK)

Test Date	2025-11-13
Test Engineer	22933

Limit		777	787	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	777.2580	786.7428		
Extreme (50C)		777.2580	786.7428	8.0	0.010
Extreme (40C)		777.2580	786.7428	7.1	0.009
Extreme (30C)		777.2580	786.7428	7.7	0.010
Extreme (10C)		777.2580	786.7428	8.2	0.010
Extreme (0C)		777.2580	786.7428	6.8	0.009
Extreme (-10C)		777.2580	786.7428	8.3	0.011
Extreme (-20C)		777.2580	786.7428	7.5	0.010
Extreme (-30C)		777.2580	786.7428	6.8	0.009
20C	15%	777.2580	786.7428	5.1	0.007
	-15%	777.2580	786.7428	5.3	0.007
	End Point	777.2580	786.7428	4.8	0.006

LTE Band 30 (Lowest Frequency: QPSK / Highest Frequency: QPSK)

Test Date	2025-11-12
Test Engineer	22933

Limit		2305	2315	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2305.2528	2314.7449		
Extreme (50C)		2305.2528	2314.7449	10.1	0.004
Extreme (40C)		2305.2528	2314.7449	9.4	0.004
Extreme (30C)		2305.2528	2314.7449	9.2	0.004
Extreme (10C)		2305.2528	2314.7449	9.7	0.004
Extreme (0C)		2305.2528	2314.7449	9.3	0.004
Extreme (-10C)		2305.2528	2314.7449	9.5	0.004
Extreme (-20C)		2305.2528	2314.7449	8.2	0.004
Extreme (-30C)		2305.2528	2314.7449	10.2	0.004
20C	15%	2305.2528	2314.7449	6.8	0.003
	-15%	2305.2528	2314.7449	7.5	0.003
	End Point	2305.2528	2314.7449	8.3	0.004

LTE Band 41 (PC3, Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2025-11-12
Test Engineer	22933

Limit		2496	2690	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2496.2566	2689.7457		
Extreme (50C)		2496.2566	2689.7457	9.2	0.004
Extreme (40C)		2496.2566	2689.7457	10.1	0.004
Extreme (30C)		2496.2566	2689.7457	9.1	0.004
Extreme (10C)		2496.2566	2689.7457	10.6	0.004
Extreme (0C)		2496.2566	2689.7457	9.2	0.004
Extreme (-10C)		2496.2566	2689.7457	9.8	0.004
Extreme (-20C)		2496.2566	2689.7457	10.0	0.004
Extreme (-30C)		2496.2566	2689.7457	9.3	0.004
20C	15%	2496.2566	2689.7457	7.7	0.003
	-15%	2496.2566	2689.7457	8.4	0.003
	End Point	2496.2566	2689.7457	8.5	0.003

LTE Band 66 (Lowest Frequency: QPSK / Highest Frequency: 16QAM)

Test Date	2025-11-11
Test Engineer	22933

Limit		1710	1780	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1710.1536	1779.8458		
Extreme (50C)		1710.1536	1779.8458	7.0	0.004
Extreme (40C)		1710.1536	1779.8458	7.1	0.004
Extreme (30C)		1710.1536	1779.8458	8.0	0.005
Extreme (10C)		1710.1536	1779.8458	7.1	0.004
Extreme (0C)		1710.1536	1779.8458	7.1	0.004
Extreme (-10C)		1710.1536	1779.8458	8.0	0.005
Extreme (-20C)		1710.1536	1779.8458	8.0	0.005
Extreme (-30C)		1710.1536	1779.8458	7.1	0.004
20C	15%	1710.1536	1779.8458	7.2	0.004
	-15%	1710.1536	1779.8458	6.5	0.004
	End Point	1710.1536	1779.8458	6.0	0.003

LTE Band 71 (Lowest Frequency: 16QAM / Highest Frequency: 16QAM)

Test Date	2025-11-11
Test Engineer	22933

Limit		663	698	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	663.2505	697.7467		
Extreme (50C)		663.2505	697.7467	5.6	0.008
Extreme (40C)		663.2505	697.7467	5.5	0.008
Extreme (30C)		663.2505	697.7467	6.0	0.009
Extreme (10C)		663.2505	697.7467	5.5	0.008
Extreme (0C)		663.2505	697.7467	4.4	0.006
Extreme (-10C)		663.2505	697.7467	4.4	0.006
Extreme (-20C)		663.2505	697.7467	4.5	0.007
Extreme (-30C)		663.2505	697.7467	5.2	0.008
20C	15%	663.2505	697.7467	4.3	0.006
	-15%	663.2505	697.7467	3.1	0.004
	End Point	663.2505	697.7467	4.0	0.006

NR Band n7 (Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2025-11-11
Test Engineer	22933

Limit		2500	2570	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2500.2498	2569.7401		
Extreme (50C)		2500.2498	2569.7401	6.9	0.003
Extreme (40C)		2500.2498	2569.7401	7.9	0.003
Extreme (30C)		2500.2498	2569.7401	7.6	0.003
Extreme (10C)		2500.2498	2569.7401	7.0	0.003
Extreme (0C)		2500.2498	2569.7401	7.4	0.003
Extreme (-10C)		2500.2498	2569.7401	10.1	0.004
Extreme (-20C)		2500.2498	2569.7401	9.1	0.004
Extreme (-30C)		2500.2498	2569.7401	10.4	0.004
20C	15%	2500.2498	2569.7401	7.2	0.003
	-15%	2500.2498	2569.7401	7.9	0.003
	End Point	2500.2498	2569.7401	6.4	0.003

NR Band n12 (Lowest Frequency: QPSK / Highest Frequency: QPSK)

Test Date	2025-11-11
Test Engineer	22933

Limit		699	716	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	699.2575	715.7435		
Extreme (50C)		699.2575	715.7435	2.7	0.004
Extreme (40C)		699.2575	715.7435	2.7	0.004
Extreme (30C)		699.2575	715.7435	2.3	0.003
Extreme (10C)		699.2575	715.7435	3.1	0.004
Extreme (0C)		699.2575	715.7435	3.0	0.004
Extreme (-10C)		699.2575	715.7435	2.5	0.003
Extreme (-20C)		699.2575	715.7435	2.3	0.003
Extreme (-30C)		699.2575	715.7435	3.7	0.005
20C	15%	699.2575	715.7435	2.1	0.003
	-15%	699.2575	715.7435	2.5	0.004
	End Point	699.2575	715.7435	2.0	0.003

NR Band n30 (Lowest Frequency: 16QAM / Highest Frequency: 16QAM)

Test Date	2025-11-11
Test Engineer	22933

Limit		2305	2315	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2305.2503	2314.7499		
Extreme (50C)		2305.2503	2314.7499	6.3	0.003
Extreme (40C)		2305.2503	2314.7499	7.9	0.003
Extreme (30C)		2305.2503	2314.7499	7.5	0.003
Extreme (10C)		2305.2503	2314.7499	6.9	0.003
Extreme (0C)		2305.2503	2314.7499	6.1	0.003
Extreme (-10C)		2305.2503	2314.7499	6.7	0.003
Extreme (-20C)		2305.2503	2314.7499	8.1	0.004
Extreme (-30C)		2305.2503	2314.7499	7.7	0.003
20C	15%	2305.2503	2314.7499	7.8	0.003
	-15%	2305.2503	2314.7499	7.9	0.003
	End Point	2305.2503	2314.7499	7.7	0.003

NR Band n41 (PC2, Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2025-11-15
Test Engineer	22933

Normal (20C)		2496	2690	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2496.6952	2689.3077		
Extreme (50C)		2496.6952	2689.3077	12.6	0.005
Extreme (40C)		2496.6952	2689.3077	11.9	0.005
Extreme (30C)		2496.6952	2689.3077	14.1	0.005
Extreme (10C)		2496.6952	2689.3077	12.6	0.005
Extreme (0C)		2496.6952	2689.3077	11.6	0.004
Extreme (-10C)		2496.6952	2689.3077	13.9	0.005
Extreme (-20C)		2496.6952	2689.3077	14.2	0.005
Extreme (-30C)		2496.6952	2689.3077	15.1	0.006
20C	15%	2496.6952	2689.3077	16.0	0.006
	-15%	2496.6952	2689.3077	16.6	0.006
	End Point	2496.6952	2689.3077	15.1	0.006

NR Band n66 (Lowest Frequency: QPSK / Highest Frequency: QPSK)

Test Date	2025-11-15
Test Engineer	22933

Limit		1710	1780	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1710.2528	1779.7441		
Extreme (50C)		1710.2528	1779.7441	3.9	0.002
Extreme (40C)		1710.2528	1779.7441	4.5	0.003
Extreme (30C)		1710.2528	1779.7441	4.4	0.002
Extreme (10C)		1710.2528	1779.7441	6.1	0.004
Extreme (0C)		1710.2528	1779.7441	4.5	0.003
Extreme (-10C)		1710.2528	1779.7441	7.7	0.004
Extreme (-20C)		1710.2528	1779.7441	7.8	0.004
Extreme (-30C)		1710.2528	1779.7441	6.9	0.004
20C	15%	1710.2528	1779.7441	6.1	0.003
	-15%	1710.2528	1779.7441	5.5	0.003
	End Point	1710.2528	1779.7441	6.2	0.004

NR Band n70 (Lowest Frequency: QPSK / Highest Frequency: 16QAM)

Test Date	2025-11-15
Test Engineer	22933

Limit		1695	1710	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1695.2581	1709.7521		
Extreme (50C)		1695.2581	1709.7521	4.1	0.002
Extreme (40C)		1695.2581	1709.7521	3.8	0.002
Extreme (30C)		1695.2581	1709.7521	4.2	0.002
Extreme (10C)		1695.2581	1709.7521	4.7	0.003
Extreme (0C)		1695.2581	1709.7521	3.2	0.002
Extreme (-10C)		1695.2581	1709.7521	2.8	0.002
Extreme (-20C)		1695.2581	1709.7521	4.5	0.003
Extreme (-30C)		1695.2581	1709.7521	5.5	0.003
20C	15%	1695.2581	1709.7521	5.0	0.003
	-15%	1695.2581	1709.7521	4.9	0.003
	End Point	1695.2581	1709.7521	4.6	0.003

NR Band n71 (Lowest Frequency: 16QAM / Highest Frequency: 16QAM)

Test Date	2025-11-15
Test Engineer	22933

Limit		663	698	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	663.2584	697.7448		
Extreme (50C)		663.2584	697.7448	6.0	0.009
Extreme (40C)		663.2584	697.7448	5.1	0.008
Extreme (30C)		663.2584	697.7448	5.8	0.008
Extreme (10C)		663.2584	697.7448	5.9	0.009
Extreme (0C)		663.2584	697.7448	5.1	0.007
Extreme (-10C)		663.2584	697.7448	4.5	0.007
Extreme (-20C)		663.2584	697.7448	4.1	0.006
Extreme (-30C)		663.2584	697.7448	4.0	0.006
20C	15%	663.2584	697.7448	4.8	0.007
	-15%	663.2584	697.7448	3.1	0.005
	End Point	663.2584	697.7448	6.4	0.009

NR Band n77 (PC2, 3450-3550 MHz)

(Lowest Frequency: 16QAM / Highest Frequency: 16QAM)

Test Date	2025-11-15
Test Engineer	22933

Limit		3450	3550	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	3450.7060	3549.2833		
Extreme (50C)		3450.7060	3549.2833	19.3	0.006
Extreme (40C)		3450.7060	3549.2833	19.1	0.005
Extreme (30C)		3450.7060	3549.2833	19.3	0.006
Extreme (10C)		3450.7060	3549.2833	18.0	0.005
Extreme (0C)		3450.7060	3549.2833	20.5	0.006
Extreme (-10C)		3450.7060	3549.2833	23.0	0.007
Extreme (-20C)		3450.7060	3549.2833	17.3	0.005
Extreme (-30C)		3450.7060	3549.2833	18.2	0.005
20C	15%	3450.7060	3549.2833	20.9	0.006
	-15%	3450.7060	3549.2833	21.0	0.006
	End Point	3450.7060	3549.2833	22.0	0.006

NR Band n77 (PC2, 3700-3980 MHz)
(Lowest Frequency: QPSK/ Highest Frequency: 16QAM)

Test Date	2025-11-15
Test Engineer	22933

Limit		3700	3980	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	3700.6803	3979.3201		
Extreme (50C)		3700.6803	3979.3201	17.5	0.005
Extreme (40C)		3700.6803	3979.3201	15.6	0.004
Extreme (30C)		3700.6803	3979.3201	13.3	0.003
Extreme (10C)		3700.6803	3979.3201	14.8	0.004
Extreme (0C)		3700.6803	3979.3201	18.6	0.005
Extreme (-10C)		3700.6803	3979.3201	15.7	0.004
Extreme (-20C)		3700.6803	3979.3201	14.7	0.004
Extreme (-30C)		3700.6803	3979.3201	16.7	0.004
20C	15%	3700.6803	3979.3201	18.6	0.005
	-15%	3700.6803	3979.3201	16.8	0.004
	End Point	3700.6803	3979.3201	12.0	0.003

9. RADIATED RESULTS

9.1. RADIATED POWER (ERP & EIRP)

RULE PART(S)

FCC: §2.1046, §27.50

LIMITS

§27.50:

(a)(3) Mobile and portable stations. (i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not

(b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

(c) (10) - Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

(d)(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

(h) The following power limits shall apply in the BRS and EBS:

(2) Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

(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.

(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.

TEST PROCEDURE

ANSI / TIA / EIA 603 E Clause 2.2.17; ESU40 setting reference to 971168 D01 v03r01

For radiated output power measurement with a ESU40:

- a) Set the RBW $\geq 1\%$ to 5% of the OBW;
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span $\geq 2 \times$ to $3 \times$ the OBW.;
- d) Sweep time = auto couple or Set $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission period})]$ for single sweep (automation-compatible) measurement. Transmission period is the on and off time of the transmitter.;
- e) Detector = rms;
- f) Ensure that the number of measurement points $\geq 2 \times \text{span/RBW}$;
- g) Trace mode = average;
- h) If the EUT can be configured to transmit continuously, then set the trigger to free run.
- i) If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints (i.e., configured such that measurement data is collected only during active full-power transmissions).
- j) Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over multiple symbols, it can be necessary to increase the number of traces to be averaged above 100 or, if using a manually configured sweep time, increase the sweep time.
- k) Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function, with the band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

NOTE1

LTE, 5G NR : The OBW value corresponding to the total channel bandwidth is the OBW of FullRB. Measurements were made with a 1RB configuration (Worst case) over the entire channel bandwidth, and FRB configurations were also reported for the worst BW.

TEST RESULTS

See the following pages.

9.1.1. ERP/EIRP RESULT

WCDMA (ANT A)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
Band 4	REL99	1712.40	20.10	H	4.29	9.47	25.28	0.337	30.00	-4.72
		1732.60	20.62	H	4.31	9.54	25.85	0.385	30.00	-4.15
		1752.60	20.45	H	4.34	9.60	25.71	0.372	30.00	-4.29
	HSDPA	1712.40	19.07	H	4.29	9.47	24.25	0.266	30.00	-5.75
		1732.60	19.49	H	4.31	9.54	24.72	0.296	30.00	-5.28
		1752.60	19.39	H	4.34	9.60	24.65	0.292	30.00	-5.35

LTE Band 7 (ANT B)

BW (MHz)	MoHulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2510.00	17.15	H	5.21	10.04	21.97	0.157	33.00	-11.03	1 / 49
		2535.00	17.73	H	5.25	9.99	22.47	0.177	33.00	-10.53	1 / 0
		2560.00	17.06	H	5.28	9.95	21.73	0.149	33.00	-11.27	1 / 0
	16-QAM	2510.00	16.20	H	5.21	10.04	21.02	0.126	33.00	-11.98	1 / 49
		2535.00	16.76	H	5.25	9.99	21.50	0.141	33.00	-11.50	1 / 99
		2560.00	16.11	H	5.28	9.95	20.78	0.120	33.00	-12.22	1 / 0
15	QPSK	2507.50	17.36	H	5.21	10.04	22.19	0.166	33.00	-10.81	1 / 0
		2535.00	17.38	H	5.25	9.99	22.12	0.163	33.00	-10.88	1 / 0
		2562.50	16.74	H	5.27	9.94	21.40	0.138	33.00	-11.60	1 / 0
	16-QAM	2507.50	15.67	H	5.21	10.04	20.50	0.112	33.00	-12.50	1 / 0
		2535.00	17.05	H	5.25	9.99	21.79	0.151	33.00	-11.21	1 / 0
		2562.50	16.20	H	5.27	9.94	20.86	0.122	33.00	-12.14	1 / 37
10	QPSK	2505.00	17.57	H	5.21	10.05	22.41	0.174	33.00	-10.59	1 / 25
		2535.00	17.71	H	5.25	9.99	22.45	0.176	33.00	-10.55	1 / 25
		2565.00	16.60	H	5.27	9.94	21.27	0.134	33.00	-11.73	1 / 0
	16-QAM	2505.00	16.17	H	5.21	10.05	21.01	0.126	33.00	-11.99	1 / 49
		2535.00	17.00	H	5.25	9.99	21.74	0.149	33.00	-11.26	1 / 25
		2565.00	16.03	H	5.27	9.94	20.70	0.117	33.00	-12.30	1 / 25
5	QPSK	2502.50	17.41	H	5.21	10.05	22.25	0.168	33.00	-10.75	1 / 12
		2535.00	17.52	H	5.25	9.99	22.26	0.168	33.00	-10.74	1 / 24
		2567.50	16.62	H	5.27	9.94	21.28	0.134	33.00	-11.72	1 / 24
	16-QAM	2502.50	15.87	H	5.21	10.05	20.71	0.118	33.00	-12.29	1 / 0
		2535.00	17.17	H	5.25	9.99	21.91	0.155	33.00	-11.09	1 / 24
		2567.50	16.37	H	5.27	9.94	21.03	0.127	33.00	-11.97	1 / 12
20	QPSK	2510.00	16.17	H	5.21	10.04	20.99	0.126	33.00	-12.01	100/0
		2535.00	16.65	H	5.25	9.99	21.39	0.138	33.00	-11.61	100/0
		2560.00	16.00	H	5.28	9.95	20.67	0.117	33.00	-12.33	100/0
5	16-QAM	2502.50	14.95	H	5.21	10.05	19.79	0.095	33.00	-13.21	25/0
		2535.00	16.26	H	5.25	9.99	21.00	0.126	33.00	-12.00	25/0
		2567.50	15.26	H	5.27	9.94	19.92	0.098	33.00	-13.08	25/0

LTE Band 7 (ANT F)

BW (MHz)	MoHulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2510.00	17.41	V	5.21	10.04	22.24	0.167	33.00	-10.76	1 / 49
		2535.00	17.96	V	5.25	9.99	22.70	0.186	33.00	-10.30	1 / 49
		2560.00	17.31	V	5.28	9.95	21.98	0.158	33.00	-11.02	1 / 0
	16-QAM	2510.00	16.45	V	5.21	10.04	21.28	0.134	33.00	-11.72	1 / 0
		2535.00	17.04	V	5.25	9.99	21.78	0.151	33.00	-11.22	1 / 49
		2560.00	16.45	V	5.28	9.95	21.12	0.129	33.00	-11.88	1 / 0
15	QPSK	2507.50	17.57	V	5.21	10.04	22.40	0.174	33.00	-10.60	1 / 74
		2535.00	18.12	V	5.25	9.99	22.86	0.193	33.00	-10.14	1 / 74
		2562.50	17.36	V	5.27	9.94	22.03	0.160	33.00	-10.97	1 / 0
	16-QAM	2507.50	16.49	V	5.21	10.04	21.32	0.136	33.00	-11.68	1 / 0
		2535.00	17.02	V	5.25	9.99	21.76	0.150	33.00	-11.24	1 / 0
		2562.50	16.52	V	5.27	9.94	21.19	0.132	33.00	-11.81	1 / 0
10	QPSK	2505.00	17.52	V	5.21	10.05	22.36	0.172	33.00	-10.64	1 / 25
		2535.00	18.08	V	5.25	9.99	22.82	0.191	33.00	-10.18	1 / 25
		2565.00	17.45	V	5.27	9.94	22.12	0.163	33.00	-10.88	1 / 0
	16-QAM	2505.00	16.17	V	5.21	10.05	21.01	0.126	33.00	-11.99	1 / 49
		2535.00	17.18	V	5.25	9.99	21.92	0.156	33.00	-11.08	1 / 0
		2565.00	16.62	V	5.27	9.94	21.29	0.135	33.00	-11.71	1 / 25
5	QPSK	2502.50	17.70	V	5.21	10.05	22.54	0.179	33.00	-10.46	1 / 12
		2535.00	18.07	V	5.25	9.99	22.81	0.191	33.00	-10.19	1 / 12
		2567.50	17.49	V	5.27	9.94	22.15	0.164	33.00	-10.85	1 / 12
	16-QAM	2502.50	16.38	V	5.21	10.05	21.22	0.132	33.00	-11.78	1 / 12
		2535.00	17.10	V	5.25	9.99	21.84	0.153	33.00	-11.16	1 / 12
		2567.50	16.29	V	5.27	9.94	20.95	0.124	33.00	-12.05	1 / 24
15	QPSK	2507.50	16.45	V	5.21	10.04	21.28	0.134	33.00	-11.72	75/0
		2535.00	17.08	V	5.25	9.99	21.82	0.152	33.00	-11.18	75/0
		2562.50	16.32	V	5.27	9.94	20.99	0.126	33.00	-12.01	75/0
10	16-QAM	2505.00	16.17	V	5.21	10.05	21.01	0.126	33.00	-11.99	50/0
		2535.00	17.18	V	5.25	9.99	21.92	0.156	33.00	-11.08	50/0
		2565.00	16.62	V	5.27	9.94	21.29	0.135	33.00	-11.71	50/0

LTE Band 12 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	704.00	25.05	V	2.78	-1.34	20.93	0.124	34.77	-13.84	1 / 25
		707.50	25.82	V	2.78	-1.34	21.70	0.148	34.77	-13.07	1 / 25
		711.00	25.69	V	2.79	-1.33	21.57	0.144	34.77	-13.20	1 / 0
	16-QAM	704.00	24.18	V	2.78	-1.34	20.06	0.101	34.77	-14.71	1 / 25
		707.50	25.03	V	2.78	-1.34	20.91	0.123	34.77	-13.86	1 / 0
		711.00	24.94	V	2.79	-1.33	20.82	0.121	34.77	-13.95	1 / 49
5	QPSK	701.50	25.16	V	2.77	-1.35	21.03	0.127	34.77	-13.74	1 / 12
		707.50	25.88	V	2.78	-1.34	21.76	0.150	34.77	-13.01	1 / 12
		713.50	25.70	V	2.80	-1.32	21.58	0.144	34.77	-13.19	1 / 24
	16-QAM	701.50	23.94	V	2.77	-1.35	19.81	0.096	34.77	-14.96	1 / 12
		707.50	24.64	V	2.78	-1.34	20.52	0.113	34.77	-14.25	1 / 0
		713.50	25.23	V	2.80	-1.32	21.11	0.129	34.77	-13.66	1 / 0
3	QPSK	700.50	24.91	V	2.77	-1.35	20.79	0.120	34.77	-13.98	1 / 8
		707.50	25.85	V	2.78	-1.34	21.73	0.149	34.77	-13.04	1 / 8
		714.50	25.87	V	2.80	-1.32	21.75	0.150	34.77	-13.02	1 / 8
	16-QAM	700.50	23.86	V	2.77	-1.35	19.74	0.094	34.77	-15.03	1 / 8
		707.50	24.78	V	2.78	-1.34	20.66	0.116	34.77	-14.11	1 / 8
		714.50	24.98	V	2.80	-1.32	20.86	0.122	34.77	-13.91	1 / 8
1.4	QPSK	699.70	24.86	V	2.77	-1.35	20.74	0.119	34.77	-14.03	1 / 0
		707.50	25.76	V	2.78	-1.34	21.64	0.146	34.77	-13.13	1 / 5
		715.30	25.84	V	2.80	-1.32	21.73	0.149	34.77	-13.04	1 / 0
	16-QAM	699.70	24.15	V	2.77	-1.35	20.03	0.101	34.77	-14.74	1 / 3
		707.50	24.89	V	2.78	-1.34	20.77	0.119	34.77	-14.00	1 / 5
		715.30	25.25	V	2.80	-1.32	21.14	0.130	34.77	-13.63	1 / 0
5	QPSK	701.50	24.12	V	2.77	-1.35	19.99	0.100	34.77	-14.78	25/0
		707.50	24.64	V	2.78	-1.34	20.52	0.113	34.77	-14.25	25/0
		713.50	24.58	V	2.80	-1.32	20.46	0.111	34.77	-14.31	25/0
1.4	16-QAM	699.70	23.07	V	2.77	-1.35	18.95	0.079	34.77	-15.82	6/0
		707.50	23.77	V	2.78	-1.34	19.65	0.092	34.77	-15.12	6/0
		715.30	24.38	V	2.80	-1.32	20.27	0.106	34.77	-14.50	6/0

LTE Band 12 (ANT E)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	704.00	23.48	H	2.78	-1.34	19.36	0.086	34.77	-15.41	1 / 25
		707.50	22.93	H	2.78	-1.34	18.81	0.076	34.77	-15.96	1 / 0
		711.00	22.96	H	2.79	-1.33	18.84	0.077	34.77	-15.93	1 / 0
	16-QAM	704.00	22.86	H	2.78	-1.34	18.74	0.075	34.77	-16.03	1 / 25
		707.50	22.10	H	2.78	-1.34	17.98	0.063	34.77	-16.79	1 / 49
		711.00	22.26	H	2.79	-1.33	18.14	0.065	34.77	-16.63	1 / 25
5	QPSK	701.50	23.44	H	2.77	-1.35	19.31	0.085	34.77	-15.46	1 / 0
		707.50	22.71	H	2.78	-1.34	18.59	0.072	34.77	-16.18	1 / 0
		713.50	22.90	H	2.80	-1.32	18.78	0.076	34.77	-15.99	1 / 12
	16-QAM	701.50	22.81	H	2.77	-1.35	18.68	0.074	34.77	-16.09	1 / 0
		707.50	22.65	H	2.78	-1.34	18.53	0.071	34.77	-16.24	1 / 12
		713.50	22.99	H	2.80	-1.32	18.87	0.077	34.77	-15.90	1 / 12
3	QPSK	700.50	23.21	H	2.77	-1.35	19.09	0.081	34.77	-15.68	1 / 0
		707.50	22.71	H	2.78	-1.34	18.59	0.072	34.77	-16.18	1 / 0
		714.50	22.69	H	2.80	-1.32	18.57	0.072	34.77	-16.20	1 / 0
	16-QAM	700.50	22.63	H	2.77	-1.35	18.51	0.071	34.77	-16.26	1 / 8
		707.50	22.04	H	2.78	-1.34	17.92	0.062	34.77	-16.85	1 / 0
		714.50	22.30	H	2.80	-1.32	18.18	0.066	34.77	-16.59	1 / 14
1.4	QPSK	699.70	23.09	H	2.77	-1.35	18.97	0.079	34.77	-15.80	1 / 0
		707.50	22.73	H	2.78	-1.34	18.61	0.073	34.77	-16.16	1 / 0
		715.30	22.88	H	2.80	-1.32	18.76	0.075	34.77	-16.01	1 / 0
	16-QAM	699.70	22.87	H	2.77	-1.35	18.75	0.075	34.77	-16.02	1 / 3
		707.50	22.33	H	2.78	-1.34	18.21	0.066	34.77	-16.56	1 / 0
		715.30	22.56	H	2.80	-1.32	18.44	0.070	34.77	-16.33	1 / 0
10	QPSK	704.00	22.45	H	2.78	-1.34	18.33	0.068	34.77	-16.44	50/0
		707.50	21.97	H	2.78	-1.34	17.85	0.061	34.77	-16.92	50/0
		711.00	21.91	H	2.79	-1.33	17.79	0.060	34.77	-16.98	50/0
5	16-QAM	701.50	21.77	H	2.77	-1.35	17.64	0.058	34.77	-17.13	25/0
		707.50	21.68	H	2.78	-1.34	17.56	0.057	34.77	-17.21	25/0
		713.50	21.88	H	2.80	-1.32	17.76	0.060	34.77	-17.01	25/0

LTE Band 13 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	782.00	26.74	V	2.92	-1.19	22.63	0.183	34.77	-12.14	1 / 0
	16-QAM	782.00	25.73	V	2.92	-1.19	21.62	0.145	34.77	-13.15	1 / 25
5	QPSK	779.50	26.80	V	2.92	-1.19	22.69	0.186	34.77	-12.08	1 / 25
		782.00	27.07	V	2.92	-1.19	22.96	0.198	34.77	-11.81	1 / 25
		784.50	26.90	V	2.93	-1.18	22.79	0.190	34.77	-11.98	1 / 49
		779.50	25.80	V	2.92	-1.19	21.69	0.148	34.77	-13.08	1 / 49
	16-QAM	782.00	25.97	V	2.92	-1.19	21.86	0.153	34.77	-12.91	1 / 49
		784.50	25.90	V	2.93	-1.18	21.79	0.151	34.77	-12.98	1 / 25
5	QPSK	779.50	25.77	V	2.92	-1.19	21.66	0.147	34.77	-13.11	25/0
		782.00	26.07	V	2.92	-1.19	21.96	0.157	34.77	-12.81	25/0
		784.50	26.12	V	2.93	-1.18	22.01	0.159	34.77	-12.76	25/0
	16-QAM	779.50	25.06	V	2.92	-1.19	20.95	0.124	34.77	-13.82	25/0
		782.00	25.14	V	2.92	-1.19	21.03	0.127	34.77	-13.74	25/0
		784.50	25.06	V	2.93	-1.18	20.95	0.124	34.77	-13.82	25/0

LTE Band 13 (ANT E)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	782.00	22.24	H	2.92	-1.19	18.13	0.065	34.77	-16.64	1 / 25
	16-QAM	782.00	21.64	H	2.92	-1.19	17.53	0.057	34.77	-17.24	1 / 49
5	QPSK	779.50	21.73	H	2.92	-1.19	17.62	0.058	34.77	-17.15	1 / 49
		782.00	21.74	H	2.92	-1.19	17.63	0.058	34.77	-17.14	1 / 49
		784.50	22.27	H	2.93	-1.18	18.16	0.065	34.77	-16.61	1 / 49
		779.50	20.61	H	2.92	-1.19	16.50	0.045	34.77	-18.27	1 / 49
	16-QAM	782.00	20.85	H	2.92	-1.19	16.74	0.047	34.77	-18.03	1 / 25
		784.50	21.43	H	2.93	-1.18	17.32	0.054	34.77	-17.45	1 / 25
5	QPSK	779.50	20.80	H	2.92	-1.19	16.69	0.047	34.77	-18.08	25/0
		782.00	20.63	H	2.92	-1.19	16.52	0.045	34.77	-18.25	25/0
		784.50	21.18	H	2.93	-1.18	17.07	0.051	34.77	-17.70	25/0
	16-QAM	779.50	20.00	H	2.92	-1.19	15.89	0.039	34.77	-18.88	25/0
		782.00	19.73	H	2.92	-1.19	15.62	0.036	34.77	-19.15	25/0
		784.50	20.38	H	2.93	-1.18	16.27	0.042	34.77	-18.50	25/0

LTE Band 30 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	2310.00	14.96	H	5.00	9.84	19.80	0.095	24.00	-4.20	1 / 0
	16-QAM	2310.00	13.81	H	5.00	9.84	18.65	0.073	24.00	-5.35	1 / 49
5	QPSK	2307.50	14.78	H	5.00	9.83	19.61	0.091	24.00	-4.39	1 / 0
		2310.00	14.85	H	5.00	9.84	19.69	0.093	24.00	-4.31	1 / 12
		2312.50	14.87	H	5.01	9.85	19.71	0.094	24.00	-4.29	1 / 24
		2307.50	13.60	H	5.00	9.83	18.43	0.070	24.00	-5.57	1 / 12
	16-QAM	2310.00	13.78	H	5.00	9.84	18.62	0.073	24.00	-5.38	1 / 12
		2312.50	13.82	H	5.01	9.85	18.66	0.073	24.00	-5.34	1 / 0
10	QPSK	2310.00	14.16	H	5.00	9.84	19.00	0.079	24.00	-5.00	50/0
5	16-QAM	2307.50	12.58	H	5.00	9.83	17.41	0.055	24.00	-6.59	25/0
		2310.00	12.71	H	5.00	9.84	17.55	0.057	24.00	-6.45	25/0
		2312.50	12.69	H	5.01	9.85	17.53	0.057	24.00	-6.47	25/0

LTE Band 30 (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	2310.00	15.91	H	5.00	9.84	20.75	0.119	24.00	-3.25	1 / 49
	16-QAM	2310.00	14.69	H	5.00	9.84	19.53	0.090	24.00	-4.47	1 / 0
5	QPSK	2307.50	15.75	H	5.00	9.83	20.58	0.114	24.00	-3.42	1 / 12
		2310.00	15.86	H	5.00	9.84	20.70	0.117	24.00	-3.30	1 / 24
		2312.50	15.57	H	5.01	9.85	20.41	0.110	24.00	-3.59	1 / 12
		2307.50	14.54	H	5.00	9.83	19.37	0.086	24.00	-4.63	1 / 12
	16-QAM	2310.00	14.77	H	5.00	9.84	19.61	0.091	24.00	-4.39	1 / 12
		2312.50	14.49	H	5.01	9.85	19.33	0.086	24.00	-4.67	1 / 0
10	QPSK	2310.00	14.67	H	5.00	9.84	19.51	0.089	24.00	-4.49	50/0
5	16-QAM	2307.50	13.58	H	5.00	9.83	18.41	0.069	24.00	-5.59	25/0
		2310.00	13.81	H	5.00	9.84	18.65	0.073	24.00	-5.35	25/0
		2312.50	13.35	H	5.01	9.85	18.19	0.066	24.00	-5.81	25/0

LTE Band 41 (PC3) (ANT B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2506.00	17.52	H	5.21	10.04	22.35	0.172	33.00	-10.65	1 / 0
		2593.00	18.21	H	5.30	9.90	22.81	0.191	33.00	-10.19	1 / 0
		2680.00	19.30	H	5.39	9.88	23.79	0.239	33.00	-9.21	1 / 0
	16-QAM	2506.00	16.50	H	5.21	10.04	21.33	0.136	33.00	-11.67	1 / 0
		2593.00	17.16	H	5.30	9.90	21.76	0.150	33.00	-11.24	1 / 0
		2680.00	18.48	H	5.39	9.88	22.97	0.198	33.00	-10.03	1 / 49
15	QPSK	2503.50	17.39	H	5.21	10.05	22.22	0.167	33.00	-10.78	1 / 37
		2593.00	17.85	H	5.30	9.90	22.45	0.176	33.00	-10.55	1 / 0
		2682.50	18.34	H	5.39	9.88	22.83	0.192	33.00	-10.17	1 / 37
	16-QAM	2503.50	16.18	H	5.21	10.05	21.01	0.126	33.00	-11.99	1 / 0
		2593.00	16.55	H	5.30	9.90	21.15	0.130	33.00	-11.85	1 / 37
		2682.50	17.42	H	5.39	9.88	21.91	0.155	33.00	-11.09	1 / 0
10	QPSK	2501.00	17.35	H	5.21	10.05	22.19	0.166	33.00	-10.81	1 / 25
		2593.00	17.78	H	5.30	9.90	22.38	0.173	33.00	-10.62	1 / 25
		2685.00	18.39	H	5.39	9.89	22.88	0.194	33.00	-10.12	1 / 0
	16-QAM	2501.00	16.12	H	5.21	10.05	20.96	0.125	33.00	-12.04	1 / 25
		2593.00	16.71	H	5.30	9.90	21.31	0.135	33.00	-11.69	1 / 0
		2685.00	17.21	H	5.39	9.89	21.70	0.148	33.00	-11.30	1 / 25
5	QPSK	2498.50	17.42	H	5.21	10.06	22.26	0.168	33.00	-10.74	1 / 0
		2593.00	18.20	H	5.30	9.90	22.80	0.191	33.00	-10.20	1 / 12
		2687.50	18.89	H	5.40	9.89	23.38	0.218	33.00	-9.62	1 / 12
	16-QAM	2498.50	16.15	H	5.21	10.06	20.99	0.126	33.00	-12.01	1 / 0
		2593.00	17.06	H	5.30	9.90	21.66	0.147	33.00	-11.34	1 / 0
		2687.50	17.77	H	5.40	9.89	22.26	0.168	33.00	-10.74	1 / 0
20	QPSK	2506.00	16.67	H	5.21	10.04	21.50	0.141	33.00	-11.50	100/0
		2593.00	17.51	H	5.30	9.90	22.11	0.163	33.00	-10.89	100/0
		2680.00	18.49	H	5.39	9.88	22.98	0.199	33.00	-10.02	100/0
	16-QAM	2506.00	15.67	H	5.21	10.04	20.50	0.112	33.00	-12.50	100/0
		2593.00	16.35	H	5.30	9.90	20.95	0.124	33.00	-12.05	100/0
		2680.00	17.52	H	5.39	9.88	22.01	0.159	33.00	-10.99	100/0

LTE Band 41 (PC3) (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2506.00	18.03	H	5.21	10.04	22.86	0.193	33.00	-10.14	1 / 49
		2593.00	19.66	H	5.30	9.90	24.26	0.267	33.00	-8.74	1 / 49
		2680.00	18.71	H	5.39	9.88	23.20	0.209	33.00	-9.80	1 / 49
	16-QAM	2506.00	17.01	H	5.21	10.04	21.84	0.153	33.00	-11.16	1 / 0
		2593.00	18.68	H	5.30	9.90	23.28	0.213	33.00	-9.72	1 / 0
		2680.00	17.70	H	5.39	9.88	22.19	0.166	33.00	-10.81	1 / 0
15	QPSK	2503.50	18.25	H	5.21	10.05	23.08	0.203	33.00	-9.92	1 / 37
		2593.00	19.59	H	5.30	9.90	24.19	0.262	33.00	-8.81	1 / 37
		2682.50	18.54	H	5.39	9.88	23.03	0.201	33.00	-9.97	1 / 0
	16-QAM	2503.50	16.86	H	5.21	10.05	21.69	0.148	33.00	-11.31	1 / 37
		2593.00	18.29	H	5.30	9.90	22.89	0.195	33.00	-10.11	1 / 0
		2682.50	17.24	H	5.39	9.88	21.73	0.149	33.00	-11.27	1 / 74
10	QPSK	2501.00	17.96	H	5.21	10.05	22.80	0.191	33.00	-10.20	1 / 25
		2593.00	19.58	H	5.30	9.90	24.18	0.262	33.00	-8.82	1 / 25
		2685.00	18.37	H	5.39	9.89	22.86	0.193	33.00	-10.14	1 / 25
	16-QAM	2501.00	16.71	H	5.21	10.05	21.55	0.143	33.00	-11.45	1 / 25
		2593.00	18.43	H	5.30	9.90	23.03	0.201	33.00	-9.97	1 / 0
		2685.00	16.94	H	5.39	9.89	21.43	0.139	33.00	-11.57	1 / 0
5	QPSK	2498.50	18.02	H	5.21	10.06	22.86	0.193	33.00	-10.14	1 / 12
		2593.00	19.55	H	5.30	9.90	24.15	0.260	33.00	-8.85	1 / 12
		2687.50	18.14	H	5.40	9.89	22.63	0.183	33.00	-10.37	1 / 12
	16-QAM	2498.50	16.75	H	5.21	10.06	21.59	0.144	33.00	-11.41	1 / 12
		2593.00	18.77	H	5.30	9.90	23.37	0.217	33.00	-9.63	1 / 0
		2687.50	17.19	H	5.40	9.89	21.68	0.147	33.00	-11.32	1 / 12
20	QPSK	2506.00	16.99	H	5.21	10.04	21.82	0.152	33.00	-11.18	100/0
		2593.00	18.55	H	5.30	9.90	23.15	0.207	33.00	-9.85	100/0
		2680.00	17.63	H	5.39	9.88	22.12	0.163	33.00	-10.88	100/0
5	16-QAM	2498.50	15.77	H	5.21	10.06	20.61	0.115	33.00	-12.39	25/0
		2593.00	17.71	H	5.30	9.90	22.31	0.170	33.00	-10.69	25/0
		2687.50	16.16	H	5.40	9.89	20.65	0.116	33.00	-12.35	25/0

LTE Band 66 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1720.00	21.13	H	4.30	9.50	26.33	0.430	30.00	-3.67	1 / 49
		1745.00	21.22	H	4.33	9.58	26.47	0.444	30.00	-3.53	1 / 49
		1770.00	20.13	H	4.36	9.62	25.39	0.346	30.00	-4.61	1 / 49
	16-QAM	1720.00	20.17	H	4.30	9.50	25.37	0.344	30.00	-4.63	1 / 99
		1745.00	20.21	H	4.33	9.58	25.46	0.352	30.00	-4.54	1 / 0
		1770.00	19.23	H	4.36	9.62	24.49	0.281	30.00	-5.51	1 / 99
15	QPSK	1717.50	20.95	H	4.30	9.49	26.14	0.411	30.00	-3.86	1 / 37
		1745.00	21.78	H	4.33	9.58	27.03	0.505	30.00	-2.97	1 / 37
		1772.50	19.57	H	4.37	9.63	24.83	0.304	30.00	-5.17	1 / 0
	16-QAM	1717.50	20.30	H	4.30	9.49	25.49	0.354	30.00	-4.51	1 / 0
		1745.00	20.32	H	4.33	9.58	25.57	0.361	30.00	-4.43	1 / 74
		1772.50	19.03	H	4.37	9.63	24.29	0.269	30.00	-5.71	1 / 37
10	QPSK	1715.00	20.97	H	4.29	9.48	26.16	0.413	30.00	-3.84	1 / 25
		1745.00	21.29	H	4.33	9.58	26.54	0.451	30.00	-3.46	1 / 25
		1775.00	19.77	H	4.37	9.63	25.02	0.318	30.00	-4.98	1 / 25
	16-QAM	1715.00	20.26	H	4.29	9.48	25.45	0.351	30.00	-4.55	1 / 49
		1745.00	20.24	H	4.33	9.58	25.49	0.354	30.00	-4.51	1 / 25
		1775.00	18.60	H	4.37	9.63	23.85	0.243	30.00	-6.15	1 / 25
5	QPSK	1712.50	20.94	H	4.29	9.47	26.13	0.410	30.00	-3.87	1 / 0
		1745.00	21.27	H	4.33	9.58	26.52	0.449	30.00	-3.48	1 / 0
		1777.50	19.89	H	4.37	9.63	25.14	0.327	30.00	-4.86	1 / 12
	16-QAM	1712.50	19.50	H	4.29	9.47	24.69	0.294	30.00	-5.31	1 / 0
		1745.00	19.15	H	4.33	9.58	24.40	0.275	30.00	-5.60	1 / 24
		1777.50	17.78	H	4.37	9.63	23.03	0.201	30.00	-6.97	1 / 0
3	QPSK	1711.50	20.93	H	4.29	9.47	26.11	0.408	30.00	-3.89	1 / 8
		1745.00	21.29	H	4.33	9.58	26.54	0.451	30.00	-3.46	1 / 14
		1778.50	19.66	H	4.37	9.63	24.92	0.310	30.00	-5.08	1 / 8
	16-QAM	1711.50	20.36	H	4.29	9.47	25.54	0.358	30.00	-4.46	1 / 8
		1745.00	20.30	H	4.33	9.58	25.55	0.359	30.00	-4.45	1 / 0
		1778.50	18.75	H	4.37	9.63	24.01	0.252	30.00	-5.99	1 / 14
1.4	QPSK	1710.70	20.83	H	4.29	9.47	26.01	0.399	30.00	-3.99	1 / 5
		1745.00	21.26	H	4.33	9.58	26.51	0.448	30.00	-3.49	1 / 5
		1779.30	19.61	H	4.37	9.63	24.87	0.307	30.00	-5.13	1 / 3
	16-QAM	1710.70	20.04	H	4.29	9.47	25.22	0.333	30.00	-4.78	1 / 3
		1745.00	20.27	H	4.33	9.58	25.52	0.356	30.00	-4.48	1 / 3
		1779.30	18.75	H	4.37	9.63	24.01	0.252	30.00	-5.99	1 / 3
15	QPSK	1717.50	19.97	H	4.30	9.49	25.16	0.328	30.00	-4.84	75/0
		1745.00	20.84	H	4.33	9.58	26.09	0.406	30.00	-3.91	75/0
		1772.50	18.62	H	4.37	9.63	23.88	0.244	30.00	-6.12	75/0
	16-QAM	1717.50	19.47	H	4.30	9.49	24.66	0.292	30.00	-5.34	75/0
		1745.00	19.27	H	4.33	9.58	24.52	0.283	30.00	-5.48	75/0
		1772.50	18.47	H	4.37	9.63	23.73	0.236	30.00	-6.27	75/0

LTE Band 66 (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1720.00	20.28	H	4.30	9.50	25.48	0.353	30.00	-4.52	1 / 0
		1745.00	20.12	H	4.33	9.58	25.37	0.344	30.00	-4.63	1 / 99
		1770.00	18.85	H	4.36	9.62	24.11	0.258	30.00	-5.89	1 / 99
	16-QAM	1720.00	19.34	H	4.30	9.50	24.54	0.284	30.00	-5.46	1 / 49
		1745.00	19.23	H	4.33	9.58	24.48	0.281	30.00	-5.52	1 / 49
		1770.00	17.87	H	4.36	9.62	23.13	0.206	30.00	-6.87	1 / 99
15	QPSK	1717.50	20.11	H	4.30	9.49	25.30	0.339	30.00	-4.70	1 / 0
		1745.00	20.27	H	4.33	9.58	25.52	0.356	30.00	-4.48	1 / 37
		1772.50	19.02	H	4.37	9.63	24.28	0.268	30.00	-5.72	1 / 37
	16-QAM	1717.50	19.33	H	4.30	9.49	24.52	0.283	30.00	-5.48	1 / 74
		1745.00	18.73	H	4.33	9.58	23.98	0.250	30.00	-6.02	1 / 74
		1772.50	17.74	H	4.37	9.63	23.00	0.200	30.00	-7.00	1 / 37
10	QPSK	1715.00	20.16	H	4.29	9.48	25.35	0.343	30.00	-4.65	1 / 49
		1745.00	20.06	H	4.33	9.58	25.31	0.340	30.00	-4.69	1 / 49
		1775.00	18.73	H	4.37	9.63	23.98	0.250	30.00	-6.02	1 / 25
	16-QAM	1715.00	19.31	H	4.29	9.48	24.50	0.282	30.00	-5.50	1 / 25
		1745.00	19.24	H	4.33	9.58	24.49	0.281	30.00	-5.51	1 / 25
		1775.00	17.40	H	4.37	9.63	22.65	0.184	30.00	-7.35	1 / 25
5	QPSK	1712.50	20.16	H	4.29	9.47	25.35	0.343	30.00	-4.65	1 / 24
		1745.00	20.28	H	4.33	9.58	25.53	0.357	30.00	-4.47	1 / 12
		1777.50	18.76	H	4.37	9.63	24.01	0.252	30.00	-5.99	1 / 0
	16-QAM	1712.50	19.37	H	4.29	9.47	24.56	0.286	30.00	-5.44	1 / 24
		1745.00	18.99	H	4.33	9.58	24.24	0.265	30.00	-5.76	1 / 12
		1777.50	17.38	H	4.37	9.63	22.63	0.183	30.00	-7.37	1 / 12
3	QPSK	1711.50	19.95	H	4.29	9.47	25.13	0.326	30.00	-4.87	1 / 8
		1745.00	20.08	H	4.33	9.58	25.33	0.341	30.00	-4.67	1 / 8
		1778.50	18.79	H	4.37	9.63	24.05	0.254	30.00	-5.95	1 / 14
	16-QAM	1711.50	19.31	H	4.29	9.47	24.49	0.281	30.00	-5.51	1 / 8
		1745.00	18.70	H	4.33	9.58	23.95	0.248	30.00	-6.05	1 / 8
		1778.50	17.57	H	4.37	9.63	22.83	0.192	30.00	-7.17	1 / 8
1.4	QPSK	1710.70	20.01	H	4.29	9.47	25.19	0.330	30.00	-4.81	1 / 3
		1745.00	20.15	H	4.33	9.58	25.40	0.347	30.00	-4.60	1 / 5
		1779.30	18.74	H	4.37	9.63	24.00	0.251	30.00	-6.00	1 / 0
	16-QAM	1710.70	19.14	H	4.29	9.47	24.32	0.270	30.00	-5.68	1 / 5
		1745.00	18.73	H	4.33	9.58	23.98	0.250	30.00	-6.02	1 / 5
		1779.30	17.36	H	4.37	9.63	22.62	0.183	30.00	-7.38	1 / 5
5	QPSK	1712.50	19.37	H	4.29	9.47	24.56	0.286	30.00	-5.44	25/0
		1745.00	19.26	H	4.33	9.58	24.51	0.282	30.00	-5.49	25/0
		1777.50	17.84	H	4.37	9.63	23.09	0.204	30.00	-6.91	25/0
	16-QAM	1712.50	18.49	H	4.29	9.47	23.68	0.233	30.00	-6.32	25/0
		1745.00	17.92	H	4.33	9.58	23.17	0.207	30.00	-6.83	25/0
		1777.50	16.56	H	4.37	9.63	21.81	0.152	30.00	-8.19	25/0

LTE Band 71 (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	673.00	22.55	H	2.72	-1.43	18.40	0.069	34.77	18.33	1 / 49
		680.50	23.02	H	2.74	-1.41	18.88	0.077	34.77	18.80	1 / 49
		688.00	22.53	H	2.75	-1.39	18.40	0.069	34.77	18.33	1 / 99
	16-QAM	673.00	21.62	H	2.72	-1.43	17.47	0.056	34.77	17.41	1 / 49
		680.50	22.04	H	2.74	-1.41	17.90	0.062	34.77	17.84	1 / 49
		688.00	21.61	H	2.75	-1.39	17.48	0.056	34.77	17.42	1 / 0
15	QPSK	670.50	22.34	H	2.72	-1.44	18.18	0.066	34.77	18.11	1 / 37
		680.50	22.97	H	2.74	-1.41	18.83	0.076	34.77	18.75	1 / 37
		690.50	22.36	H	2.75	-1.38	18.23	0.067	34.77	18.16	1 / 74
	16-QAM	670.50	21.15	H	2.72	-1.44	16.99	0.050	34.77	16.94	1 / 74
		680.50	21.76	H	2.74	-1.41	17.62	0.058	34.77	17.56	1 / 0
		690.50	21.81	H	2.75	-1.38	17.68	0.059	34.77	17.62	1 / 74
10	QPSK	668.00	22.44	H	2.71	-1.45	18.28	0.067	34.77	18.21	1 / 0
		680.50	22.81	H	2.74	-1.41	18.67	0.074	34.77	18.60	1 / 25
		693.00	22.66	H	2.76	-1.37	18.53	0.071	34.77	18.46	1 / 25
	16-QAM	668.00	21.40	H	2.71	-1.45	17.24	0.053	34.77	17.19	1 / 0
		680.50	22.30	H	2.74	-1.41	18.16	0.065	34.77	18.09	1 / 25
		693.00	21.87	H	2.76	-1.37	17.74	0.059	34.77	17.68	1 / 25
5	QPSK	665.50	22.16	H	2.71	-1.45	17.99	0.063	34.77	17.93	1 / 12
		680.50	23.00	H	2.74	-1.41	18.86	0.077	34.77	18.78	1 / 24
		695.50	22.83	H	2.76	-1.36	18.70	0.074	34.77	18.63	1 / 12
	16-QAM	665.50	20.57	H	2.71	-1.45	16.40	0.044	34.77	16.36	1 / 0
		680.50	22.20	H	2.74	-1.41	18.06	0.064	34.77	18.00	1 / 0
		695.50	22.46	H	2.76	-1.36	18.33	0.068	34.77	18.26	1 / 24
20	QPSK	673.00	21.49	H	2.72	-1.43	17.34	0.054	34.77	-17.43	100/0
		680.50	21.84	H	2.74	-1.41	17.70	0.059	34.77	-17.07	100/0
		688.00	21.62	H	2.75	-1.39	17.49	0.056	34.77	-17.28	100/0
5	16-QAM	665.50	19.62	H	2.71	-1.45	15.45	0.035	34.77	-19.32	25/0
		680.50	21.14	H	2.74	-1.41	17.00	0.050	34.77	-17.77	25/0
		695.50	21.28	H	2.76	-1.36	17.15	0.052	34.77	-17.62	25/0

LTE Band 71 (ANT E)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	673.00	24.24	V	2.72	-1.43	20.09	0.102	34.77	19.99	1 / 49
		680.50	24.91	V	2.74	-1.41	20.76	0.119	34.77	20.64	1 / 0
		688.00	23.46	V	2.75	-1.39	19.33	0.086	34.77	19.24	1 / 49
	16-QAM	673.00	23.42	V	2.72	-1.43	19.27	0.085	34.77	19.19	1 / 49
		680.50	24.13	V	2.74	-1.41	19.98	0.100	34.77	19.88	1 / 99
		688.00	22.82	V	2.75	-1.39	18.69	0.074	34.77	18.62	1 / 99
15	QPSK	670.50	23.79	V	2.72	-1.44	19.64	0.092	34.77	19.55	1 / 0
		680.50	24.99	V	2.74	-1.41	20.84	0.121	34.77	20.72	1 / 74
		690.50	23.62	V	2.75	-1.38	19.48	0.089	34.77	19.39	1 / 0
	16-QAM	670.50	23.14	V	2.72	-1.44	18.99	0.079	34.77	18.91	1 / 0
		680.50	24.34	V	2.74	-1.41	20.19	0.104	34.77	20.09	1 / 74
		690.50	22.97	V	2.75	-1.38	18.83	0.076	34.77	18.75	1 / 74
10	QPSK	668.00	23.85	V	2.71	-1.45	19.69	0.093	34.77	19.60	1 / 25
		680.50	25.10	V	2.74	-1.41	20.95	0.124	34.77	20.83	1 / 25
		693.00	23.71	V	2.76	-1.37	19.58	0.091	34.77	19.49	1 / 0
	16-QAM	668.00	22.69	V	2.71	-1.45	18.53	0.071	34.77	18.46	1 / 0
		680.50	24.13	V	2.74	-1.41	19.98	0.100	34.77	19.88	1 / 25
		693.00	22.54	V	2.76	-1.37	18.41	0.069	34.77	18.34	1 / 49
5	QPSK	665.50	23.13	V	2.71	-1.45	18.96	0.079	34.77	18.88	1 / 0
		680.50	25.05	V	2.74	-1.41	20.90	0.123	34.77	20.78	1 / 0
		695.50	23.26	V	2.76	-1.36	19.13	0.082	34.77	19.05	1 / 12
	16-QAM	665.50	22.22	V	2.71	-1.45	18.05	0.064	34.77	17.99	1 / 12
		680.50	24.32	V	2.74	-1.41	20.17	0.104	34.77	20.07	1 / 0
		695.50	22.43	V	2.76	-1.36	18.30	0.068	34.77	18.23	1 / 12
10	QPSK	668.00	22.78	V	2.71	-1.45	18.62	0.073	34.77	-16.15	50/0
		680.50	24.03	V	2.74	-1.41	19.88	0.097	34.77	-14.89	50/0
		693.00	22.79	V	2.76	-1.37	18.66	0.073	34.77	-16.11	50/0
15	16-QAM	670.50	21.99	V	2.72	-1.44	17.84	0.061	34.77	-16.93	75/0
		680.50	23.26	V	2.74	-1.41	19.11	0.081	34.77	-15.66	75/0
		690.50	22.12	V	2.75	-1.38	17.98	0.063	34.77	-16.79	75/0

NR Band n7 DFT-s OFDM (ANT B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
40	QPSK	2520.00	17.10	H	5.23	10.02	21.89	0.155	33.00	-11.11	1 / 215
		2535.00	17.33	H	5.25	9.99	22.07	0.161	33.00	-10.93	1 / 215
		2550.00	17.70	H	5.26	9.96	22.40	0.174	33.00	-10.60	1 / 215
	16-QAM	2520.00	16.09	H	5.23	10.02	20.88	0.122	33.00	-12.12	1 / 215
		2535.00	16.35	H	5.25	9.99	21.09	0.129	33.00	-12.91	216 / 0
		2550.00	16.71	H	5.26	9.96	21.41	0.138	33.00	-11.59	216 / 0
35	QPSK	2517.50	17.13	H	5.23	10.03	21.93	0.156	33.00	-11.07	1 / 187
		2535.00	17.31	H	5.25	9.99	22.05	0.160	33.00	-10.95	1 / 187
		2552.50	17.69	H	5.26	9.95	22.37	0.173	33.00	-10.63	1 / 187
	16-QAM	2517.50	16.06	H	5.23	10.03	20.86	0.122	33.00	-12.14	1 / 1
		2535.00	16.44	H	5.25	9.99	21.18	0.131	33.00	-11.82	1 / 1
		2552.50	16.68	H	5.26	9.95	21.36	0.137	33.00	-11.64	1 / 1
30	QPSK	2515.00	17.08	H	5.22	10.03	21.89	0.155	33.00	-11.11	1 / 159
		2535.00	17.32	H	5.25	9.99	22.06	0.161	33.00	-10.94	1 / 159
		2555.00	17.63	H	5.27	9.95	22.32	0.171	33.00	-10.68	1 / 159
	16-QAM	2515.00	16.07	H	5.22	10.03	20.88	0.122	33.00	-12.12	1 / 158
		2535.00	16.51	H	5.25	9.99	21.25	0.133	33.00	-11.75	1 / 158
		2555.00	16.55	H	5.27	9.95	21.24	0.133	33.00	-11.76	1 / 79
25	QPSK	2512.50	17.07	H	5.22	10.03	21.88	0.154	33.00	-11.12	1 / 132
		2535.00	17.27	H	5.25	9.99	22.01	0.159	33.00	-10.99	1 / 132
		2557.50	17.57	H	5.27	9.95	22.25	0.168	33.00	-10.75	1 / 132
	16-QAM	2512.50	16.07	H	5.22	10.03	20.88	0.122	33.00	-12.12	1 / 131
		2535.00	16.50	H	5.25	9.99	21.24	0.133	33.00	-11.76	1 / 66
		2557.50	16.54	H	5.27	9.95	21.22	0.132	33.00	-11.78	1 / 66
20	QPSK	2510.00	16.94	H	5.21	10.04	21.76	0.150	33.00	-11.24	1 / 105
		2535.00	17.26	H	5.25	9.99	22.00	0.158	33.00	-11.00	1 / 105
		2560.00	17.54	H	5.28	9.95	22.21	0.166	33.00	-10.79	1 / 105
	16-QAM	2510.00	15.93	H	5.21	10.04	20.75	0.119	33.00	-12.25	1 / 104
		2535.00	16.39	H	5.25	9.99	21.13	0.130	33.00	-11.87	1 / 104
		2560.00	16.60	H	5.28	9.95	21.27	0.134	33.00	-11.73	1 / 52
15	QPSK	2507.50	16.94	H	5.21	10.04	21.77	0.150	33.00	-11.23	1 / 78
		2535.00	17.24	H	5.25	9.99	21.98	0.158	33.00	-11.02	1 / 78
		2562.50	17.58	H	5.27	9.94	22.24	0.167	33.00	-10.76	1 / 78
	16-QAM	2507.50	15.95	H	5.21	10.04	20.78	0.120	33.00	-12.22	1 / 39
		2535.00	16.26	H	5.25	9.99	21.00	0.126	33.00	-12.00	1 / 39
		2562.50	16.56	H	5.27	9.94	21.22	0.132	33.00	-11.78	1 / 39
10	QPSK	2505.00	17.01	H	5.21	10.05	21.85	0.153	33.00	-11.15	1 / 51
		2535.00	17.32	H	5.25	9.99	22.06	0.161	33.00	-10.94	1 / 51
		2565.00	17.55	H	5.27	9.94	22.22	0.167	33.00	-10.78	1 / 51
	16-QAM	2505.00	15.98	H	5.21	10.05	20.82	0.121	33.00	-12.18	1 / 50
		2535.00	16.23	H	5.25	9.99	20.97	0.125	33.00	-12.03	1 / 25
		2565.00	16.53	H	5.27	9.94	21.20	0.132	33.00	-11.80	1 / 25
5	QPSK	2502.50	17.08	H	5.21	10.05	21.92	0.156	33.00	-11.08	1 / 24
		2535.00	17.25	H	5.25	9.99	21.99	0.158	33.00	-11.01	1 / 24
		2567.50	17.58	H	5.27	9.94	22.24	0.167	33.00	-10.76	1 / 24
	16-QAM	2502.50	16.10	H	5.21	10.05	20.94	0.124	33.00	-12.06	1 / 23
		2535.00	16.28	H	5.25	9.99	21.02	0.126	33.00	-11.98	1 / 23
		2567.50	16.85	H	5.27	9.94	21.51	0.142	33.00	-11.49	1 / 23
40	QPSK	2520.00	16.18	H	5.23	10.02	20.97	0.125	33.00	-12.03	216/0
		2535.00	16.32	H	5.25	9.99	21.06	0.128	33.00	-11.94	216/0
		2550.00	16.61	H	5.26	9.96	21.31	0.135	33.00	-11.69	216/0
5	16-QAM	2502.50	15.07	H	5.21	10.05	19.91	0.098	33.00	-13.09	25/0
		2535.00	15.23	H	5.25	9.99	19.97	0.099	33.00	-13.03	25/0
		2567.50	15.90	H	5.27	9.94	20.56	0.114	33.00	-12.44	25/0

NR Band n7 DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
40	BPSK	2520.00	17.31	H	5.23	10.02	22.10	0.162	33.00	-10.90	1 / 215
		2535.00	17.63	H	5.25	9.99	22.37	0.173	33.00	-10.63	1 / 215
		2550.00	17.53	H	5.26	9.96	22.23	0.167	33.00	-10.77	1 / 215
	16-QAM	2520.00	16.32	H	5.23	10.02	21.11	0.129	33.00	-11.89	1 / 215
		2535.00	16.75	H	5.25	9.99	21.49	0.141	33.00	-11.51	216 / 0
		2550.00	16.58	H	5.26	9.96	21.28	0.134	33.00	-11.72	216 / 0
35	BPSK	2517.50	17.31	H	5.23	10.03	22.11	0.163	33.00	-10.89	1 / 187
		2535.00	17.69	H	5.25	9.99	22.43	0.175	33.00	-10.57	1 / 187
		2552.50	17.51	H	5.26	9.95	22.19	0.166	33.00	-10.81	1 / 187
	16-QAM	2517.50	16.25	H	5.23	10.03	21.05	0.127	33.00	-11.95	1 / 1
		2535.00	16.75	H	5.25	9.99	21.49	0.141	33.00	-11.51	1 / 1
		2552.50	16.64	H	5.26	9.95	21.32	0.136	33.00	-11.68	1 / 1
30	QPSK	2515.00	17.29	H	5.22	10.03	22.10	0.162	33.00	-10.90	1 / 159
		2535.00	17.76	H	5.25	9.99	22.50	0.178	33.00	-10.50	1 / 159
		2555.00	17.65	H	5.27	9.95	22.34	0.171	33.00	-10.66	1 / 159
	16-QAM	2515.00	16.14	H	5.22	10.03	20.95	0.124	33.00	-12.05	1 / 158
		2535.00	16.78	H	5.25	9.99	21.52	0.142	33.00	-11.48	1 / 158
		2555.00	16.59	H	5.27	9.95	21.28	0.134	33.00	-11.72	1 / 158
25	BPSK	2512.50	17.23	H	5.22	10.03	22.04	0.160	33.00	-10.96	1 / 132
		2535.00	17.75	H	5.25	9.99	22.49	0.177	33.00	-10.51	1 / 132
		2557.50	17.66	H	5.27	9.95	22.34	0.171	33.00	-10.66	1 / 132
	16-QAM	2512.50	16.03	H	5.22	10.03	20.84	0.121	33.00	-12.16	1 / 66
		2535.00	16.72	H	5.25	9.99	21.46	0.140	33.00	-11.54	1 / 131
		2557.50	16.67	H	5.27	9.95	21.35	0.136	33.00	-11.65	1 / 66
20	BPSK	2510.00	17.09	H	5.21	10.04	21.91	0.155	33.00	-11.09	1 / 105
		2535.00	17.69	H	5.25	9.99	22.43	0.175	33.00	-10.57	1 / 105
		2560.00	17.60	H	5.28	9.95	22.27	0.169	33.00	-10.73	1 / 105
	16-QAM	2510.00	15.98	H	5.21	10.04	20.80	0.120	33.00	-12.20	1 / 52
		2535.00	16.71	H	5.25	9.99	21.45	0.140	33.00	-11.55	1 / 104
		2560.00	16.49	H	5.28	9.95	21.16	0.131	33.00	-11.84	1 / 52
15	BPSK	2507.50	17.16	H	5.21	10.04	21.99	0.158	33.00	-11.01	1 / 78
		2535.00	17.75	H	5.25	9.99	22.49	0.177	33.00	-10.51	1 / 78
		2562.50	17.68	H	5.27	9.94	22.34	0.171	33.00	-10.66	1 / 78
	16-QAM	2507.50	15.86	H	5.21	10.04	20.69	0.117	33.00	-12.31	1 / 77
		2535.00	16.77	H	5.25	9.99	21.51	0.142	33.00	-11.49	1 / 77
		2562.50	16.50	H	5.27	9.94	21.16	0.131	33.00	-11.84	1 / 39
10	BPSK	2505.00	17.13	H	5.21	10.05	21.97	0.157	33.00	-11.03	1 / 51
		2535.00	17.82	H	5.25	9.99	22.56	0.180	33.00	-10.44	1 / 51
		2565.00	17.67	H	5.27	9.94	22.34	0.171	33.00	-10.66	1 / 51
	16-QAM	2505.00	15.90	H	5.21	10.05	20.74	0.119	33.00	-12.26	1 / 50
		2535.00	16.81	H	5.25	9.99	21.55	0.143	33.00	-11.45	1 / 50
		2565.00	16.66	H	5.27	9.94	21.33	0.136	33.00	-11.67	1 / 25
5	BPSK	2502.50	17.19	H	5.21	10.05	22.03	0.160	33.00	-10.97	1 / 24
		2535.00	17.76	H	5.25	9.99	22.50	0.178	33.00	-10.50	1 / 24
		2567.50	17.69	H	5.27	9.94	22.35	0.172	33.00	-10.65	1 / 24
	16-QAM	2502.50	16.01	H	5.21	10.05	20.85	0.122	33.00	-12.15	1 / 12
		2535.00	16.84	H	5.25	9.99	21.58	0.144	33.00	-11.42	1 / 12
		2567.50	16.59	H	5.27	9.94	21.25	0.133	33.00	-11.75	1 / 12
10	BPSK	2505.00	16.09	H	5.21	10.05	20.93	123.880	33.00	-12.07	50/0
		2535.00	16.75	H	5.25	9.99	21.49	140.929	33.00	-11.51	50/0
		2565.00	16.74	H	5.27	9.94	21.41	138.357	33.00	-11.59	50/0
5	16-QAM	2502.50	15.06	H	5.21	10.05	19.90	97.724	33.00	-13.10	25/0
		2535.00	15.75	H	5.25	9.99	20.49	111.944	33.00	-12.51	25/0
		2567.50	15.55	H	5.27	9.94	20.21	104.954	33.00	-12.79	25/0

NR Band n12 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
15	QPSK	706.50	21.96	H	2.78	-1.34	17.84	0.061	34.77	-16.93	1 / 1
		707.50	21.87	H	2.78	-1.34	17.76	0.060	34.77	-17.01	1 / 1
		708.50	21.96	H	2.79	-1.33	17.84	0.061	34.77	-16.93	1 / 1
	16-QAM	706.50	20.91	H	2.78	-1.34	16.79	0.048	34.77	-17.98	1 / 1
		707.50	20.58	H	2.78	-1.34	16.47	0.044	34.77	-18.30	1 / 1
		708.50	20.73	H	2.79	-1.33	16.61	0.046	34.77	-18.16	1 / 1
10	QPSK	704.00	21.82	H	2.78	-1.34	17.70	0.059	34.77	-17.07	1 / 1
		707.50	21.80	H	2.78	-1.34	17.69	0.059	34.77	-17.08	1 / 1
		711.00	21.84	H	2.79	-1.33	17.72	0.059	34.77	-17.05	1 / 1
	16-QAM	704.00	20.87	H	2.78	-1.34	16.75	0.047	34.77	-18.02	1 / 25
		707.50	20.65	H	2.78	-1.34	16.54	0.045	34.77	-18.23	1 / 1
		711.00	20.71	H	2.79	-1.33	16.59	0.046	34.77	-18.18	1 / 1
5	QPSK	701.50	21.75	H	2.77	-1.35	17.62	0.058	34.77	-17.15	1 / 1
		707.50	21.74	H	2.78	-1.34	17.63	0.058	34.77	-17.14	1 / 1
		713.50	21.87	H	2.80	-1.32	17.75	0.060	34.77	-17.02	1 / 1
	16-QAM	701.50	20.82	H	2.77	-1.35	16.69	0.047	34.77	-18.08	1 / 12
		707.50	20.60	H	2.78	-1.34	16.49	0.045	34.77	-18.28	1 / 1
		713.50	20.49	H	2.80	-1.32	16.37	0.043	34.77	-18.40	1 / 1
15	QPSK	706.50	21.04	H	2.78	-1.34	16.92	0.049	34.77	-17.85	75/0
		707.50	20.80	H	2.78	-1.34	16.69	0.047	34.77	-18.08	75/0
		708.50	21.08	H	2.79	-1.33	16.96	0.050	34.77	-17.81	75/0
	16-QAM	706.50	19.71	H	2.78	-1.34	15.59	0.036	34.77	-19.18	75/0
		707.50	19.55	H	2.78	-1.34	15.44	0.035	34.77	-19.33	75/0
		708.50	19.65	H	2.79	-1.33	15.53	0.036	34.77	-19.24	75/0

NR Band n12 DFT-s OFDM (ANT E)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
15	BPSK	706.50	24.25	V	2.78	-1.34	20.13	0.103	34.77	-14.64	1 / 1
		707.50	24.23	V	2.78	-1.34	20.11	0.103	34.77	-14.66	1 / 1
		708.50	24.36	V	2.79	-1.33	20.24	0.106	34.77	-14.53	1 / 1
	16-QAM	706.50	22.91	V	2.78	-1.34	18.79	0.076	34.77	-15.98	1 / 39
		707.50	23.01	V	2.78	-1.34	18.89	0.077	34.77	-15.88	1 / 1
		708.50	23.19	V	2.79	-1.33	19.07	0.081	34.77	-15.70	1 / 1
10	BPSK	704.00	24.08	V	2.78	-1.34	19.96	0.099	34.77	-14.81	1 / 25
		707.50	24.24	V	2.78	-1.34	20.12	0.103	34.77	-14.65	1 / 1
		711.00	24.52	V	2.79	-1.33	20.40	0.110	34.77	-14.37	1 / 1
	16-QAM	704.00	22.79	V	2.78	-1.34	18.67	0.074	34.77	-16.10	1 / 25
		707.50	23.14	V	2.78	-1.34	19.02	0.080	34.77	-15.75	1 / 1
		711.00	23.33	V	2.79	-1.33	19.21	0.083	34.77	-15.56	1 / 1
5	BPSK	701.50	23.95	V	2.77	-1.35	19.83	0.096	34.77	-14.94	1 / 1
		707.50	24.24	V	2.78	-1.34	20.12	0.103	34.77	-14.65	1 / 12
		713.50	24.45	V	2.80	-1.32	20.34	0.108	34.77	-14.43	1 / 1
	16-QAM	701.50	22.63	V	2.77	-1.35	18.51	0.071	34.77	-16.26	1 / 23
		707.50	23.17	V	2.78	-1.34	19.05	0.080	34.77	-15.72	1 / 1
		713.50	23.21	V	2.80	-1.32	19.10	0.081	34.77	-15.67	1 / 23
10	BPSK	704.00	23.01	V	2.78	-1.34	18.89	0.077	34.77	-15.88	50/0
		707.50	23.28	V	2.78	-1.34	19.16	0.082	34.77	-15.61	50/0
		711.00	23.58	V	2.79	-1.33	19.46	0.088	34.77	-15.31	50/0
	16-QAM	704.00	21.92	V	2.78	-1.34	17.80	0.060	34.77	-16.97	50/0
		707.50	22.06	V	2.78	-1.34	17.94	0.062	34.77	-16.83	50/0
		711.00	22.32	V	2.79	-1.33	18.20	0.066	34.77	-16.57	50/0

NR Band n30 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	2310.00	15.22	H	5.00	9.84	20.06	0.101	24.00	-3.94	1 / 1
	16-QAM	2310.00	14.02	H	5.00	9.84	18.86	0.077	24.00	-5.14	1 / 25
5	QPSK	2307.50	14.82	H	5.00	9.83	19.65	0.092	24.00	-4.35	1 / 1
		2310.00	14.80	H	5.00	9.84	19.64	0.092	24.00	-4.36	1 / 1
		2312.50	14.68	H	5.01	9.85	19.52	0.089	24.00	-4.48	1 / 1
		2307.50	13.95	H	5.00	9.83	18.78	0.075	24.00	-5.22	1 / 1
	16-QAM	2310.00	13.90	H	5.00	9.84	18.74	0.075	24.00	-5.26	1 / 1
		2312.50	13.72	H	5.01	9.85	18.56	0.072	24.00	-5.44	1 / 1
10	QPSK	2310.00	14.26	H	5.00	9.84	19.10	0.081	24.00	-4.90	50/0
	16-QAM	2310.00	12.90	H	5.00	9.84	17.74	0.059	24.00	-6.26	50/0

NR Band n30 DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	2310.00	16.44	H	5.00	9.84	21.28	0.134	24.00	-2.72	1 / 25
	16-QAM	2310.00	15.43	H	5.00	9.84	20.27	0.106	24.00	-3.73	1 / 25
5	QPSK	2307.50	16.39	H	5.00	9.83	21.22	0.132	24.00	-2.78	1 / 12
		2310.00	16.45	H	5.00	9.84	21.29	0.135	24.00	-2.71	1 / 12
		2312.50	16.55	H	5.01	9.85	21.39	0.138	24.00	-2.61	1 / 12
	16-QAM	2307.50	15.00	H	5.00	9.83	19.83	0.096	24.00	-4.17	1 / 1
		2310.00	15.26	H	5.00	9.84	20.10	0.102	24.00	-3.90	1 / 1
		2312.50	15.53	H	5.01	9.85	20.37	0.109	24.00	-3.63	1 / 1
5	QPSK	2307.50	15.59	H	5.00	9.83	20.42	0.110	24.00	-3.58	25/0
		2310.00	15.56	H	5.00	9.84	20.40	0.110	24.00	-3.60	25/0
		2312.50	15.40	H	5.01	9.85	20.24	0.106	24.00	-3.76	25/0
	16-QAM	2307.50	14.58	H	5.00	9.83	19.41	0.087	24.00	-4.59	25/0
		2310.00	14.71	H	5.00	9.84	19.55	0.090	24.00	-4.45	25/0
		2312.50	14.63	H	5.01	9.85	19.47	0.089	24.00	-4.53	25/0

NR Band n41 (PC2) DFT-s OFDM (ANT B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
100	QPSK	2544.01	19.64	H	5.26	9.97	24.35	0.272	33.00	-8.65	1 / 1
		2592.99	20.06	H	5.30	9.90	24.66	0.292	33.00	-8.34	1 / 271
		2640.00	20.03	H	5.36	9.87	24.54	0.284	33.00	-8.46	1 / 1
	16-QAM	2546.01	18.71	H	5.26	9.97	23.42	0.220	33.00	-9.58	1 / 1
		2592.99	19.05	H	5.30	9.90	23.65	0.232	33.00	-9.35	1 / 1
		2640.00	19.02	H	5.36	9.87	23.53	0.225	33.00	-9.47	1 / 1
90	QPSK	2541.00	19.92	H	5.25	9.98	24.64	0.291	33.00	-8.36	1 / 1
		2592.99	20.05	H	5.30	9.90	24.65	0.292	33.00	-8.35	1 / 243
		2644.98	19.94	H	5.36	9.86	24.45	0.279	33.00	-8.55	1 / 1
	16-QAM	2541.00	18.53	H	5.25	9.98	23.25	0.211	33.00	-9.75	1 / 1
		2592.99	18.97	H	5.30	9.90	23.57	0.228	33.00	-9.43	1 / 243
		2644.98	19.04	H	5.36	9.86	23.55	0.226	33.00	-9.45	1 / 1
80	QPSK	2536.02	19.71	H	5.25	9.99	24.44	0.278	33.00	-8.56	1 / 1
		2592.99	19.94	H	5.30	9.90	24.54	0.284	33.00	-8.46	1 / 216
		2649.99	19.79	H	5.37	9.86	24.28	0.268	33.00	-8.72	1 / 1
	16-QAM	2536.02	18.47	H	5.25	9.99	23.20	0.209	33.00	-9.80	1 / 1
		2592.99	18.95	H	5.30	9.90	23.55	0.226	33.00	-9.45	1 / 215
		2649.99	18.79	H	5.37	9.86	23.28	0.213	33.00	-9.72	1 / 1
70	QPSK	2531.02	19.60	H	5.24	10.00	24.35	0.272	33.00	-8.65	1 / 1
		2592.99	20.03	H	5.30	9.90	24.63	0.290	33.00	-8.37	1 / 187
		2654.98	19.82	H	5.37	9.86	24.32	0.270	33.00	-8.68	1 / 1
	16-QAM	2531.02	18.48	H	5.24	10.00	23.23	0.210	33.00	-9.77	1 / 1
		2592.99	18.90	H	5.30	9.90	23.50	0.224	33.00	-9.50	1 / 187
		2654.98	18.75	H	5.37	9.86	23.25	0.211	33.00	-9.75	1 / 1
60	QPSK	2526.00	19.50	H	5.23	10.01	24.27	0.267	33.00	-8.73	1 / 1
		2592.99	19.90	H	5.30	9.90	24.50	0.282	33.00	-8.50	1 / 160
		2659.98	19.72	H	5.36	9.87	24.22	0.264	33.00	-8.78	1 / 1
	16-QAM	2526.00	18.18	H	5.23	10.01	22.95	0.197	33.00	-10.05	1 / 1
		2592.99	18.93	H	5.30	9.90	23.53	0.225	33.00	-9.47	1 / 160
		2659.98	18.97	H	5.36	9.87	23.47	0.222	33.00	-9.53	1 / 1
50	QPSK	2521.01	19.53	H	5.23	10.02	24.32	0.270	33.00	-8.68	1 / 1
		2592.99	20.21	H	5.30	9.90	24.81	0.303	33.00	-8.19	1 / 131
		2665.00	19.88	H	5.37	9.87	24.38	0.274	33.00	-8.62	1 / 1
	16-QAM	2521.01	18.35	H	5.23	10.02	23.14	0.206	33.00	-9.86	1 / 1
		2592.99	19.20	H	5.30	9.90	23.80	0.240	33.00	-9.20	1 / 131
		2665.00	18.87	H	5.37	9.87	23.37	0.217	33.00	-9.63	1 / 1
40	QPSK	2516.01	19.32	H	5.22	10.02	24.12	0.258	33.00	-8.88	1 / 52
		2592.99	20.01	H	5.30	9.90	24.61	0.289	33.00	-8.39	1 / 104
		2670.00	19.51	H	5.37	9.88	24.01	0.252	33.00	-8.99	1 / 1
	16-QAM	2516.01	18.00	H	5.22	10.02	22.80	0.191	33.00	-10.20	1 / 52
		2592.99	19.07	H	5.30	9.90	23.67	0.233	33.00	-9.33	1 / 104
		2670.00	18.76	H	5.37	9.88	23.26	0.212	33.00	-9.74	1 / 1
30	QPSK	2511.01	19.35	H	5.22	10.03	24.17	0.261	33.00	-8.83	1 / 1
		2592.99	20.06	H	5.30	9.90	24.66	0.292	33.00	-8.34	1 / 1
		2675.00	19.69	H	5.38	9.88	24.19	0.262	33.00	-8.81	1 / 1
	16-QAM	2511.01	18.14	H	5.22	10.03	22.96	0.198	33.00	-10.04	1 / 1
		2592.99	19.03	H	5.30	9.90	23.63	0.231	33.00	-9.37	1 / 76
		2675.00	18.76	H	5.38	9.88	23.26	0.212	33.00	-9.74	1 / 1
25	QPSK	2508.51	19.31	H	5.22	10.04	24.13	0.259	33.00	-8.87	1 / 1
		2592.99	20.14	H	5.30	9.90	24.74	0.298	33.00	-8.26	1 / 32
		2677.50	19.63	H	5.38	9.88	24.12	0.258	33.00	-8.88	1 / 1
	16-QAM	2508.51	18.25	H	5.22	10.04	23.07	0.203	33.00	-9.93	1 / 1
		2592.99	19.03	H	5.30	9.90	23.63	0.231	33.00	-9.37	1 / 32
		2677.50	18.86	H	5.38	9.88	23.35	0.216	33.00	-9.65	1 / 1
20	QPSK	2506.02	19.25	H	5.21	10.04	24.08	0.256	33.00	-8.92	1 / 26
		2592.99	20.01	H	5.30	9.90	24.61	0.289	33.00	-8.39	1 / 26
		2679.99	19.37	H	5.39	9.88	23.86	0.243	33.00	-9.14	1 / 1
	16-QAM	2506.02	18.17	H	5.21	10.04	23.00	0.200	33.00	-10.00	1 / 49
		2592.99	19.15	H	5.30	9.90	23.75	0.237	33.00	-9.25	1 / 26
		2679.99	18.59	H	5.39	9.88	23.08	0.203	33.00	-9.92	1 / 0
15	QPSK	2503.50	19.30	H	5.21	10.05	24.13	0.259	33.00	-8.87	1 / 36
		2592.99	20.03	H	5.30	9.90	24.63	0.290	33.00	-8.37	1 / 36
		2682.48	19.19	H	5.39	9.88	23.68	0.233	33.00	-9.32	1 / 1
	16-QAM	2503.50	18.19	H	5.21	10.05	23.02	0.200	33.00	-9.98	1 / 36
		2592.99	19.20	H	5.30	9.90	23.80	0.240	33.00	-9.20	1 / 36
		2682.48	18.30	H	5.39	9.88	22.79	0.190	33.00	-10.21	1 / 1
10	QPSK	2501.01	19.54	H	5.21	10.05	24.38	0.274	33.00	-8.62	1 / 22
		2592.99	19.94	H	5.30	9.90	24.54	0.284	33.00	-8.46	1 / 22
		2685.00	20.90	H	5.39	9.89	25.39	0.346	33.00	-7.61	1 / 1
	16-QAM	2501.01	18.46	H	5.21	10.05	23.30	0.214	33.00	-9.70	1 / 22
		2592.99	18.85	H	5.30	9.90	23.45	0.221	33.00	-9.55	1 / 22
		2685.00	19.86	H	5.39	9.89	24.35	0.272	33.00	-8.65	1 / 1
10	QPSK	2501.01	18.69	H	5.21	10.05	23.53	0.225	33.00	-9.47	24/0
		2592.99	19.05	H	5.30	9.90	23.65	0.232	33.00	-9.35	24/0
		2685.00	19.80	H	5.39	9.89	24.29	0.269	33.00	-8.71	24/0
100	16-QAM	2546.01	17.91	H	5.26	9.97	22.62	0.183	33.00	-10.38	270/0
		2592.99	18.21	H	5.30	9.90	22.81	0.191	33.00	-10.19	270/0
		2640.00	18.08	H	5.36	9.87	22.59	0.182	33.00	-10.41	270/0

NR Band n41 SRS2 (ANT F)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
90	2541.01	13.61	H	5.25	9.98	18.34	0.068	33.00	-14.66
	2592.99	15.82	H	5.30	9.90	20.42	0.110	33.00	-12.58
	2645.00	15.82	H	5.36	9.86	20.32	0.108	33.00	-53.32

NR Band n41 SRS3 (ANT D)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
100	2546.01	11.02	H	5.26	9.97	15.73	0.037	33.00	-17.27
	2592.99	11.36	H	5.30	9.90	15.96	0.039	33.00	-17.04
	2640.00	11.49	H	5.36	9.87	16.00	0.040	33.00	-49.00

NR Band n41 SRS4 (ANT E)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
100	2546.01	4.63	H	5.26	9.97	9.34	0.009	33.00	-23.66
	2592.99	8.78	H	5.30	9.90	13.38	0.022	33.00	-19.62
	2640.00	6.31	H	5.36	9.87	10.81	0.012	33.00	-43.81

NR Band n41 (PC2) DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
100	QPSK	2546.01	20.45	H	5.26	9.97	25.16	0.328	33.00	-7.84	1 / 1
		2592.99	21.08	H	5.30	9.90	25.68	0.370	33.00	-7.32	1 / 1
		2640.00	21.14	H	5.36	9.87	25.65	0.367	33.00	-7.35	1 / 271
	16-QAM	2546.01	19.53	H	5.26	9.97	24.24	0.265	33.00	-8.76	1 / 1
		2592.99	20.09	H	5.30	9.90	24.69	0.294	33.00	-8.31	1 / 1
		2640.00	19.97	H	5.36	9.87	24.48	0.281	33.00	-8.52	1 / 271
90	QPSK	2541.00	20.70	H	5.25	9.98	25.42	0.348	33.00	-7.58	1 / 1
		2592.99	21.17	H	5.30	9.90	25.77	0.378	33.00	-7.23	1 / 243
		2644.98	21.26	H	5.36	9.86	25.77	0.378	33.00	-7.23	1 / 1
	16-QAM	2541.00	19.56	H	5.25	9.98	24.28	0.268	33.00	-8.72	1 / 1
		2592.99	20.10	H	5.30	9.90	24.70	0.295	33.00	-8.30	1 / 1
		2644.98	19.70	H	5.36	9.86	24.21	0.264	33.00	-8.79	1 / 1
80	QPSK	2536.02	20.62	H	5.25	9.99	25.35	0.343	33.00	-7.65	1 / 1
		2592.99	21.08	H	5.30	9.90	25.68	0.370	33.00	-7.32	1 / 216
		2649.99	21.12	H	5.37	9.86	25.61	0.364	33.00	-7.39	1 / 1
	16-QAM	2536.02	19.42	H	5.25	9.99	24.15	0.260	33.00	-8.85	1 / 108
		2592.99	20.07	H	5.30	9.90	24.67	0.293	33.00	-8.33	1 / 215
		2649.99	19.68	H	5.37	9.86	24.17	0.261	33.00	-8.83	1 / 108
70	QPSK	2531.02	20.49	H	5.24	10.00	25.24	0.334	33.00	-7.76	1 / 94
		2592.99	20.81	H	5.30	9.90	25.41	0.348	33.00	-7.59	1 / 187
		2654.98	20.95	H	5.37	9.86	25.45	0.351	33.00	-7.55	1 / 1
	16-QAM	2531.02	19.39	H	5.24	10.00	24.14	0.259	33.00	-8.86	1 / 94
		2592.99	19.95	H	5.30	9.90	24.55	0.285	33.00	-8.45	1 / 187
		2654.98	19.69	H	5.37	9.86	24.19	0.262	33.00	-8.81	1 / 187
60	QPSK	2526.00	20.40	H	5.23	10.01	25.17	0.329	33.00	-7.83	1 / 80
		2592.99	20.85	H	5.30	9.90	25.45	0.351	33.00	-7.55	1 / 160
		2659.98	21.04	H	5.36	9.87	25.54	0.358	33.00	-7.46	1 / 160
	16-QAM	2526.00	19.05	H	5.23	10.01	23.82	0.241	33.00	-9.18	1 / 80
		2592.99	19.88	H	5.30	9.90	24.48	0.281	33.00	-8.52	1 / 160
		2659.98	19.77	H	5.36	9.87	24.27	0.267	33.00	-8.73	1 / 80
50	QPSK	2521.01	20.65	H	5.23	10.02	25.44	0.350	33.00	-7.56	1 / 131
		2592.99	21.24	H	5.30	9.90	25.84	0.384	33.00	-7.16	1 / 131
		2665.00	21.27	H	5.37	9.87	25.77	0.378	33.00	-7.23	1 / 131
	16-QAM	2521.01	19.27	H	5.23	10.02	24.06	0.255	33.00	-8.94	1 / 1
		2592.99	20.07	H	5.30	9.90	24.67	0.293	33.00	-8.33	1 / 131
		2665.00	19.70	H	5.37	9.87	24.20	0.263	33.00	-8.80	1 / 1
40	QPSK	2516.01	20.31	H	5.22	10.02	25.11	0.324	33.00	-7.89	1 / 104
		2592.99	20.90	H	5.30	9.90	25.50	0.355	33.00	-7.50	1 / 1
		2670.00	21.01	H	5.37	9.88	25.51	0.356	33.00	-7.49	1 / 104
	16-QAM	2516.01	19.21	H	5.22	10.02	24.01	0.252	33.00	-8.99	1 / 52
		2592.99	19.98	H	5.30	9.90	24.58	0.287	33.00	-8.42	1 / 52
		2670.00	19.56	H	5.37	9.88	24.06	0.255	33.00	-8.94	1 / 52
30	QPSK	2511.01	20.41	H	5.22	10.03	25.23	0.333	33.00	-7.77	1 / 76
		2592.99	21.06	H	5.30	9.90	25.66	0.368	33.00	-7.34	1 / 39
		2675.00	21.30	H	5.38	9.88	25.80	0.380	33.00	-7.20	1 / 1
	16-QAM	2511.01	19.26	H	5.22	10.03	24.08	0.256	33.00	-8.92	1 / 76
		2592.99	19.96	H	5.30	9.90	24.56	0.286	33.00	-8.44	1 / 1
		2675.00	19.99	H	5.38	9.88	24.49	0.281	33.00	-8.51	1 / 1
25	QPSK	2508.51	20.27	H	5.22	10.04	25.09	0.323	33.00	-7.91	1 / 63
		2592.99	21.12	H	5.30	9.90	25.72	0.373	33.00	-7.28	1 / 63
		2677.50	21.17	H	5.38	9.88	25.66	0.368	33.00	-7.34	1 / 63
	16-QAM	2508.51	19.13	H	5.22	10.04	23.95	0.248	33.00	-9.05	1 / 1
		2592.99	19.95	H	5.30	9.90	24.55	0.285	33.00	-8.45	1 / 32
		2677.50	19.93	H	5.38	9.88	24.42	0.277	33.00	-8.58	1 / 63
20	QPSK	2506.02	20.30	H	5.21	10.04	25.13	0.326	33.00	-7.87	1 / 49
		2592.99	21.05	H	5.30	9.90	25.65	0.367	33.00	-7.35	1 / 26
		2679.99	21.15	H	5.39	9.88	25.64	0.366	33.00	-7.36	1 / 26
	16-QAM	2506.02	19.09	H	5.21	10.04	23.92	0.247	33.00	-9.08	1 / 49
		2592.99	19.93	H	5.30	9.90	24.53	0.284	33.00	-8.47	1 / 49
		2679.99	19.69	H	5.39	9.88	24.18	0.262	33.00	-8.82	1 / 0
15	QPSK	2503.50	20.39	H	5.21	10.05	25.22	0.333	33.00	-7.78	1 / 36
		2592.99	21.06	H	5.30	9.90	25.66	0.368	33.00	-7.34	1 / 1
		2682.48	20.82	H	5.39	9.88	25.31	0.340	33.00	-7.69	1 / 19
	16-QAM	2503.50	19.10	H	5.21	10.05	23.93	0.247	33.00	-9.07	1 / 36
		2592.99	20.00	H	5.30	9.90	24.60	0.288	33.00	-8.40	1 / 36
		2682.48	19.49	H	5.39	9.88	23.98	0.250	33.00	-9.02	1 / 19
10	QPSK	2501.01	20.00	H	5.21	10.05	24.84	0.305	33.00	-8.16	1 / 22
		2592.99	21.23	H	5.30	9.90	25.83	0.383	33.00	-7.17	1 / 1
		2685.00	19.95	H	5.39	9.89	24.44	0.278	33.00	-8.56	1 / 1
	16-QAM	2501.01	18.93	H	5.21	10.05	23.77	0.238	33.00	-9.23	1 / 22
		2592.99	20.26	H	5.30	9.90	24.86	0.306	33.00	-8.14	1 / 1
		2685.00	18.77	H	5.39	9.89	23.26	0.212	33.00	-9.74	1 / 12
50	QPSK	2521.01	19.72	H	5.23	10.02	24.51	0.282	33.00	-8.49	128/0
		2592.99	20.14	H	5.30	9.90	24.74	0.298	33.00	-8.26	128/0
		2665.00	20.19	H	5.37	9.87	24.69	0.294	33.00	-8.31	128/0
90	16-QAM	2541.00	18.54	H	5.25	9.98	23.26	0.212	33.00	-9.74	243/0
		2592.99	19.05	H	5.30	9.90	23.65	0.232	33.00	-9.35	243/0
		2644.98	18.65	H	5.36	9.86	23.16	0.207	33.00	-9.84	243/0

NR Band n41 SRS2 (ANT B)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
90	2541.01	15.15	H	5.25	9.98	19.87	0.097	33.00	-13.13
	2592.99	15.09	H	5.30	9.90	19.69	0.093	33.00	-13.31
	2645.00	15.49	H	5.36	9.86	19.99	0.100	33.00	-13.01

NR Band n41 SRS3 (ANT E)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
30	2511.01	10.02	H	5.22	10.03	14.84	0.030	33.00	-18.16
	2592.99	12.12	H	5.30	9.90	16.72	0.047	33.00	-16.28
	2675.00	11.44	H	5.38	9.88	15.94	0.039	33.00	-17.06

NR Band n41 SRS4 (ANT D)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
25	2508.51	10.69	H	5.22	10.04	15.52	0.036	33.00	-17.48
	2592.99	11.38	H	5.30	9.90	15.98	0.040	33.00	-17.02
	2677.50	13.09	H	5.38	9.88	17.58	0.057	33.00	-15.42

NR Band n66 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
40	QPSK	1730.00	21.10	H	4.31	9.53	26.32	0.429	30.00	-3.68	1 / 214
		1745.00	21.20	H	4.33	9.58	26.45	0.442	30.00	-3.55	1 / 107
		1760.00	20.96	H	4.35	9.61	26.23	0.420	30.00	-3.77	1 / 107
	16-QAM	1730.00	20.11	H	4.31	9.53	25.33	0.341	30.00	-4.67	1 / 214
		1745.00	20.22	H	4.33	9.58	25.47	0.352	30.00	-4.53	1 / 107
		1760.00	20.01	H	4.35	9.61	25.28	0.337	30.00	-4.72	1 / 107
35	QPSK	1727.50	19.74	H	4.30	9.52	24.96	0.313	30.00	-5.04	1 / 0
		1745.00	20.15	H	4.33	9.58	25.40	0.347	30.00	-4.60	1 / 0
		1762.50	19.84	H	4.35	9.62	25.10	0.324	30.00	-4.90	1 / 0
	16-QAM	1727.50	20.01	H	4.30	9.52	25.23	0.333	30.00	-4.77	1 / 93
		1745.00	20.17	H	4.33	9.58	25.42	0.348	30.00	-4.58	1 / 93
		1762.50	20.09	H	4.35	9.62	25.35	0.343	30.00	-4.65	1 / 1
30	QPSK	1725.00	20.96	H	4.30	9.52	26.18	0.415	30.00	-3.82	1 / 79
		1745.00	21.29	H	4.33	9.58	26.54	0.451	30.00	-3.46	1 / 79
		1765.00	21.11	H	4.36	9.62	26.37	0.434	30.00	-3.63	1 / 79
	16-QAM	1725.00	19.96	H	4.30	9.52	25.18	0.330	30.00	-4.82	1 / 79
		1745.00	20.17	H	4.33	9.58	25.42	0.348	30.00	-4.58	1 / 79
		1765.00	20.10	H	4.36	9.62	25.36	0.344	30.00	-4.64	1 / 1
25	QPSK	1722.50	20.82	H	4.30	9.51	26.03	0.401	30.00	-3.97	1 / 66
		1745.00	21.38	H	4.33	9.58	26.63	0.460	30.00	-3.37	1 / 66
		1767.50	21.01	H	4.36	9.62	26.27	0.424	30.00	-3.73	1 / 1
	16-QAM	1722.50	19.77	H	4.30	9.51	24.98	0.315	30.00	-5.02	1 / 1
		1745.00	20.17	H	4.33	9.58	25.42	0.348	30.00	-4.58	1 / 1
		1767.50	19.99	H	4.36	9.62	25.25	0.335	30.00	-4.75	1 / 1
20	QPSK	1720.00	20.63	H	4.30	9.50	25.83	0.383	30.00	-4.17	1 / 104
		1745.00	21.18	H	4.33	9.58	26.43	0.440	30.00	-3.57	1 / 52
		1770.00	20.40	H	4.36	9.62	25.66	0.368	30.00	-4.34	1 / 1
	16-QAM	1720.00	19.67	H	4.30	9.50	24.87	0.307	30.00	-5.13	1 / 104
		1745.00	20.20	H	4.33	9.58	25.45	0.351	30.00	-4.55	1 / 52
		1770.00	19.39	H	4.36	9.62	24.65	0.292	30.00	-5.35	1 / 1
15	QPSK	1717.50	20.62	H	4.30	9.49	25.81	0.381	30.00	-4.19	1 / 77
		1745.00	21.21	H	4.33	9.58	26.46	0.443	30.00	-3.54	1 / 77
		1772.50	20.15	H	4.37	9.63	25.41	0.348	30.00	-4.59	1 / 1
	16-QAM	1717.50	20.01	H	4.30	9.49	25.20	0.331	30.00	-4.80	1 / 1
		1745.00	20.22	H	4.33	9.58	25.47	0.352	30.00	-4.53	1 / 77
		1772.50	19.09	H	4.37	9.63	24.35	0.272	30.00	-5.65	1 / 1
10	QPSK	1715.00	20.82	H	4.29	9.48	25.81	0.381	30.00	-4.19	1 / 50
		1745.00	21.28	H	4.33	9.58	26.53	0.450	30.00	-3.47	1 / 25
		1775.00	20.69	H	4.37	9.63	25.94	0.393	30.00	-4.06	1 / 1
	16-QAM	1715.00	19.65	H	4.29	9.48	24.84	0.305	30.00	-5.16	1 / 25
		1745.00	20.15	H	4.33	9.58	25.40	0.347	30.00	-4.60	1 / 25
		1775.00	19.66	H	4.37	9.63	24.91	0.310	30.00	-5.09	1 / 1
5	QPSK	1712.50	20.53	H	4.29	9.47	25.72	0.373	30.00	-4.28	1 / 1
		1745.00	21.32	H	4.33	9.58	26.57	0.454	30.00	-3.43	1 / 1
		1777.50	20.61	H	4.37	9.63	25.86	0.385	30.00	-4.14	1 / 1
	16-QAM	1712.50	19.62	H	4.29	9.47	24.81	0.303	30.00	-5.19	1 / 12
		1745.00	20.25	H	4.33	9.58	25.50	0.355	30.00	-4.50	1 / 1
		1777.50	19.64	H	4.37	9.63	24.89	0.308	30.00	-5.11	1 / 1
25	QPSK	1722.50	19.79	H	4.30	9.51	25.00	0.316	30.00	-5.00	128/0
		1745.00	20.46	H	4.33	9.58	25.71	0.372	30.00	-4.29	128/0
		1767.50	20.00	H	4.36	9.62	25.26	0.336	30.00	-4.74	128/0
5	16-QAM	1712.50	18.57	H	4.29	9.47	23.76	0.238	30.00	-6.24	25/0
		1745.00	19.17	H	4.33	9.58	24.42	0.277	30.00	-5.58	25/0
		1777.50	18.75	H	4.37	9.63	24.00	0.251	30.00	-6.00	25/0

NR Band n66 DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
40	QPSK	1730.00	20.64	H	4.31	9.53	25.86	0.385	30.00	-4.14	1 / 214
		1745.00	20.50	H	4.33	9.58	25.75	0.376	30.00	-4.25	1 / 107
		1760.00	19.74	H	4.35	9.61	25.01	0.317	30.00	-4.99	1 / 1
	16-QAM	1730.00	19.61	H	4.31	9.53	24.83	0.304	30.00	-5.17	1 / 214
		1745.00	19.40	H	4.33	9.58	24.65	0.292	30.00	-5.35	1 / 107
		1760.00	18.77	H	4.35	9.61	24.04	0.254	30.00	-5.96	1 / 107
35	QPSK	1727.50	19.41	H	4.30	9.52	24.63	0.290	30.00	-5.37	1 / 0
		1745.00	19.29	H	4.33	9.58	24.54	0.284	30.00	-5.46	1 / 0
		1762.50	18.69	H	4.35	9.62	23.95	0.248	30.00	-6.05	1 / 0
	16-QAM	1727.50	19.54	H	4.30	9.52	24.76	0.299	30.00	-5.24	1 / 186
		1745.00	19.24	H	4.33	9.58	24.49	0.281	30.00	-5.51	1 / 93
		1762.50	18.76	H	4.35	9.62	24.02	0.252	30.00	-5.98	1 / 1
30	QPSK	1725.00	20.44	H	4.30	9.52	25.66	0.368	30.00	-4.34	1 / 79
		1745.00	20.40	H	4.33	9.58	25.65	0.367	30.00	-4.35	1 / 79
		1765.00	19.71	H	4.36	9.62	24.97	0.314	30.00	-5.03	1 / 1
	16-QAM	1725.00	19.49	H	4.30	9.52	24.71	0.296	30.00	-5.29	1 / 158
		1745.00	19.24	H	4.33	9.58	24.49	0.281	30.00	-5.51	1 / 79
		1765.00	18.77	H	4.36	9.62	24.03	0.253	30.00	-5.97	1 / 1
25	QPSK	1722.50	20.38	H	4.30	9.51	25.59	0.362	30.00	-4.41	1 / 131
		1745.00	20.51	H	4.33	9.58	25.76	0.377	30.00	-4.24	1 / 131
		1767.50	19.85	H	4.36	9.62	25.11	0.324	30.00	-4.89	1 / 1
	16-QAM	1722.50	19.31	H	4.30	9.51	24.52	0.283	30.00	-5.48	1 / 1
		1745.00	19.29	H	4.33	9.58	24.54	0.284	30.00	-5.46	1 / 1
		1767.50	18.73	H	4.36	9.62	23.99	0.251	30.00	-6.01	1 / 1
20	QPSK	1720.00	20.31	H	4.30	9.50	25.51	0.356	30.00	-4.49	1 / 52
		1745.00	20.46	H	4.33	9.58	25.71	0.372	30.00	-4.29	1 / 52
		1770.00	19.58	H	4.36	9.62	24.84	0.305	30.00	-5.16	1 / 1
	16-QAM	1720.00	19.31	H	4.30	9.50	24.51	0.282	30.00	-5.49	1 / 52
		1745.00	19.20	H	4.33	9.58	24.45	0.279	30.00	-5.55	1 / 52
		1770.00	18.51	H	4.36	9.62	23.77	0.238	30.00	-6.23	1 / 1
15	QPSK	1717.50	20.45	H	4.30	9.49	25.64	0.366	30.00	-4.36	1 / 1
		1745.00	20.50	H	4.33	9.58	25.75	0.376	30.00	-4.25	1 / 77
		1772.50	19.47	H	4.37	9.63	24.73	0.297	30.00	-5.27	1 / 1
	16-QAM	1717.50	19.34	H	4.30	9.49	24.53	0.284	30.00	-5.47	1 / 1
		1745.00	19.26	H	4.33	9.58	24.51	0.282	30.00	-5.49	1 / 1
		1772.50	18.51	H	4.37	9.63	23.77	0.238	30.00	-6.23	1 / 1
10	QPSK	1715.00	20.31	H	4.29	9.48	25.50	0.355	30.00	-4.50	1 / 50
		1745.00	20.46	H	4.33	9.58	25.71	0.372	30.00	-4.29	1 / 1
		1775.00	19.36	H	4.37	9.63	24.61	0.289	30.00	-5.39	1 / 1
	16-QAM	1715.00	19.19	H	4.29	9.48	24.38	0.274	30.00	-5.62	1 / 50
		1745.00	19.30	H	4.33	9.58	24.55	0.285	30.00	-5.45	1 / 1
		1775.00	18.27	H	4.37	9.63	23.52	0.225	30.00	-6.48	1 / 25
5	QPSK	1712.50	20.25	H	4.29	9.47	25.44	0.350	30.00	-4.56	1 / 12
		1745.00	20.51	H	4.33	9.58	25.76	0.377	30.00	-4.24	1 / 1
		1777.50	19.49	H	4.37	9.63	24.74	0.298	30.00	-5.26	1 / 12
	16-QAM	1712.50	19.24	H	4.29	9.47	24.43	0.277	30.00	-5.57	1 / 23
		1745.00	19.38	H	4.33	9.58	24.63	0.290	30.00	-5.37	1 / 23
		1777.50	18.30	H	4.37	9.63	23.55	0.226	30.00	-6.45	1 / 12
40	QPSK	1730.00	19.88	H	4.31	9.53	25.10	0.324	30.00	-4.90	216/0
		1745.00	19.65	H	4.33	9.58	24.90	0.309	30.00	-5.10	216/0
		1760.00	18.66	H	4.35	9.61	23.93	0.247	30.00	-6.07	216/0
	16-QAM	1730.00	18.64	H	4.31	9.53	23.86	0.243	30.00	-6.14	216/0
		1745.00	18.48	H	4.33	9.58	23.73	0.236	30.00	-6.27	216/0
		1760.00	17.66	H	4.35	9.61	22.93	0.196	30.00	-7.07	216/0

NR Band n70 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
15	QPSK	1702.50	20.08	H	4.28	9.44	25.24	0.334	30.00	-4.76	1 / 50
	16-QAM	1702.50	19.11	H	4.28	9.44	24.27	0.267	30.00	-5.73	1 / 50
10	QPSK	1700.00	19.77	H	4.27	9.43	24.93	0.311	30.00	-5.07	1 / 50
		1702.50	20.31	H	4.28	9.44	25.47	0.352	30.00	-4.53	1 / 50
		1705.00	20.39	H	4.29	9.45	25.55	0.359	30.00	-4.45	1 / 50
	16-QAM	1700.00	18.79	H	4.27	9.43	23.95	0.248	30.00	-6.05	1 / 50
		1702.50	19.27	H	4.28	9.44	24.43	0.277	30.00	-5.57	1 / 50
		1705.00	19.55	H	4.29	9.45	24.71	0.296	30.00	-5.29	1 / 50
5	QPSK	1697.50	19.18	H	4.27	9.42	24.33	0.271	30.00	-5.67	1 / 23
		1702.50	20.02	H	4.28	9.44	25.18	0.330	30.00	-4.82	1 / 23
		1707.50	20.48	H	4.29	9.45	25.65	0.367	30.00	-4.35	1 / 23
	16-QAM	1697.50	18.14	H	4.27	9.42	23.29	0.213	30.00	-6.71	1 / 12
		1702.50	18.99	H	4.28	9.44	24.15	0.260	30.00	-5.85	1 / 23
		1707.50	19.45	H	4.29	9.45	24.62	0.289	30.00	-5.38	1 / 23
5	QPSK	1697.50	18.29	H	4.27	9.42	23.44	0.221	30.00	-6.56	25/0
		1702.50	19.10	H	4.28	9.44	24.26	0.267	30.00	-5.74	25/0
		1707.50	19.49	H	4.29	9.45	24.66	0.292	30.00	-5.34	25/0
10	16-QAM	1697.50	17.30	H	4.27	9.42	22.45	0.176	30.00	-7.55	50/0
		1702.50	18.21	H	4.28	9.44	23.37	0.217	30.00	-6.63	50/0
		1707.50	18.60	H	4.29	9.45	23.77	0.238	30.00	-6.23	50/0

NR Band n70 DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
15	QPSK	1702.50	20.25	H	4.28	9.44	25.41	0.348	30.00	-4.59	1 / 1
	16-QAM	1702.50	19.37	H	4.28	9.44	24.53	0.284	30.00	-5.47	1 / 50
10	QPSK	1700.00	20.34	H	4.27	9.43	25.50	0.355	30.00	-4.50	1 / 25
		1702.50	20.05	H	4.28	9.44	25.21	0.332	30.00	-4.79	1 / 50
		1705.00	20.15	H	4.29	9.45	25.31	0.340	30.00	-4.69	1 / 50
	16-QAM	1700.00	19.40	H	4.27	9.43	24.56	0.286	30.00	-5.44	1 / 25
		1702.50	19.04	H	4.28	9.44	24.20	0.263	30.00	-5.80	1 / 50
		1705.00	19.09	H	4.29	9.45	24.25	0.266	30.00	-5.75	1 / 50
5	QPSK	1697.50	19.92	H	4.27	9.42	25.07	0.321	30.00	-4.93	1 / 12
		1702.50	19.93	H	4.28	9.44	25.09	0.323	30.00	-4.91	1 / 23
		1707.50	20.20	H	4.29	9.45	25.37	0.344	30.00	-4.63	1 / 23
	16-QAM	1697.50	18.80	H	4.27	9.42	23.95	0.248	30.00	-6.05	1 / 23
		1702.50	18.88	H	4.28	9.44	24.04	0.254	30.00	-5.96	1 / 23
		1707.50	19.25	H	4.29	9.45	24.42	0.277	30.00	-5.58	1 / 23
10	QPSK	1700.00	19.32	H	4.27	9.43	24.48	0.281	30.00	-5.52	50/0
		1702.50	19.18	H	4.28	9.44	24.34	0.272	30.00	-5.66	50/0
		1705.00	19.17	H	4.29	9.45	24.33	0.271	30.00	-5.67	50/0
	16-QAM	1700.00	18.31	H	4.27	9.43	23.47	0.222	30.00	-6.53	50/0
		1702.50	18.08	H	4.28	9.44	23.24	0.211	30.00	-6.76	50/0
		1705.00	18.09	H	4.29	9.45	23.25	0.211	30.00	-6.75	50/0

NR Band n71 DFT-s OFDM (ANT A)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	673.00	21.35	H	2.72	-1.43	17.20	0.052	34.77	-17.57	1 / 104
		680.50	22.26	H	2.74	-1.41	18.11	0.065	34.77	-16.66	1 / 104
		688.00	21.74	H	2.75	-1.39	17.61	0.058	34.77	-17.16	1 / 52
	16-QAM	673.00	20.25	H	2.72	-1.43	16.10	0.041	34.77	-18.67	1 / 104
		680.50	21.08	H	2.74	-1.41	16.93	0.049	34.77	-17.84	1 / 104
		688.00	20.81	H	2.75	-1.39	16.68	0.047	34.77	-18.09	1 / 52
15	QPSK	670.50	21.17	H	2.72	-1.44	17.02	0.050	34.77	-17.75	1 / 77
		680.50	22.15	H	2.74	-1.41	18.00	0.063	34.77	-16.77	1 / 77
		690.50	21.69	H	2.75	-1.38	17.56	0.057	34.77	-17.21	1 / 1
	16-QAM	670.50	20.11	H	2.72	-1.44	15.96	0.039	34.77	-18.81	1 / 77
		680.50	21.05	H	2.74	-1.41	16.90	0.049	34.77	-17.87	1 / 77
		690.50	20.80	H	2.75	-1.38	16.67	0.046	34.77	-18.10	1 / 1
10	QPSK	668.00	20.91	H	2.71	-1.45	16.75	0.047	34.77	-18.02	1 / 49
		680.50	22.16	H	2.74	-1.41	18.01	0.063	34.77	-16.76	1 / 25
		693.00	21.53	H	2.76	-1.37	17.40	0.055	34.77	-17.37	1 / 1
	16-QAM	668.00	19.81	H	2.71	-1.45	15.65	0.037	34.77	-19.12	1 / 49
		680.50	20.98	H	2.74	-1.41	16.83	0.048	34.77	-17.94	1 / 49
		693.00	20.59	H	2.76	-1.37	16.46	0.044	34.77	-18.31	1 / 1
5	QPSK	665.50	20.77	H	2.71	-1.45	16.61	0.046	34.77	-18.16	1 / 1
		680.50	22.37	H	2.74	-1.41	18.22	0.066	34.77	-16.55	1 / 1
		695.50	21.72	H	2.76	-1.36	17.59	0.057	34.77	-17.18	1 / 1
	16-QAM	665.50	19.57	H	2.71	-1.45	15.41	0.035	34.77	-19.36	1 / 12
		680.50	21.17	H	2.74	-1.41	17.02	0.050	34.77	-17.75	1 / 23
		695.50	20.69	H	2.76	-1.36	16.56	0.045	34.77	-18.21	1 / 1
5	QPSK	665.50	19.83	H	2.71	-1.45	15.67	0.037	34.77	-19.10	25/0
		680.50	21.15	H	2.74	-1.41	17.00	0.050	34.77	-17.77	25/0
		695.50	20.41	H	2.76	-1.36	16.28	0.042	34.77	-18.49	25/0
	16-QAM	665.50	18.62	H	2.71	-1.45	14.46	0.028	34.77	-20.31	25/0
		680.50	20.11	H	2.74	-1.41	15.96	0.039	34.77	-18.81	25/0
		695.50	19.69	H	2.76	-1.36	15.56	0.036	34.77	-19.21	25/0

NR Band n71 DFT-s OFDM (ANT E)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	673.00	23.28	H	2.72	-1.43	19.13	0.082	34.77	-15.64	1 / 104
		680.50	23.96	H	2.74	-1.41	19.81	0.096	34.77	-14.96	1 / 1
		688.00	21.93	H	2.75	-1.39	17.80	0.060	34.77	-16.97	1 / 104
	16-QAM	673.00	22.07	H	2.72	-1.43	17.92	0.062	34.77	-16.85	1 / 104
		680.50	22.78	H	2.74	-1.41	18.63	0.073	34.77	-16.14	1 / 52
		688.00	20.87	H	2.75	-1.39	16.74	0.047	34.77	-18.03	1 / 52
15	QPSK	670.50	23.09	H	2.72	-1.44	18.94	0.078	34.77	-15.83	1 / 77
		680.50	23.99	H	2.74	-1.41	19.84	0.096	34.77	-14.93	1 / 77
		690.50	21.92	H	2.75	-1.38	17.79	0.060	34.77	-16.98	1 / 1
	16-QAM	670.50	21.82	H	2.72	-1.44	17.67	0.058	34.77	-17.10	1 / 77
		680.50	22.87	H	2.74	-1.41	18.72	0.074	34.77	-16.05	1 / 77
		690.50	20.84	H	2.75	-1.38	16.71	0.047	34.77	-18.06	1 / 1
10	QPSK	668.00	22.88	H	2.71	-1.45	18.72	0.074	34.77	-16.05	1 / 1
		680.50	23.91	H	2.74	-1.41	19.76	0.095	34.77	-15.01	1 / 49
		693.00	21.78	H	2.76	-1.37	17.65	0.058	34.77	-17.12	1 / 49
	16-QAM	668.00	21.64	H	2.71	-1.45	17.48	0.056	34.77	-17.29	1 / 49
		680.50	22.79	H	2.74	-1.41	18.64	0.073	34.77	-16.13	1 / 49
		693.00	20.68	H	2.76	-1.37	16.55	0.045	34.77	-18.22	1 / 1
5	QPSK	665.50	22.72	H	2.71	-1.45	18.56	0.072	34.77	-16.21	1 / 23
		680.50	24.10	H	2.74	-1.41	19.95	0.099	34.77	-14.82	1 / 1
		695.50	21.98	H	2.76	-1.36	17.85	0.061	34.77	-16.92	1 / 1
	16-QAM	665.50	21.46	H	2.71	-1.45	17.30	0.054	34.77	-17.47	1 / 1
		680.50	22.94	H	2.74	-1.41	18.79	0.076	34.77	-15.98	1 / 23
		695.50	20.92	H	2.76	-1.36	16.79	0.048	34.77	-17.98	1 / 1
5	QPSK	665.50	21.64	H	2.71	-1.45	17.48	0.056	34.77	-17.29	25/0
		680.50	23.21	H	2.74	-1.41	19.06	0.081	34.77	-15.71	25/0
		695.50	21.05	H	2.76	-1.36	16.92	0.049	34.77	-17.85	25/0
	16-QAM	665.50	20.52	H	2.71	-1.45	16.36	0.043	34.77	-18.41	25/0
		680.50	22.11	H	2.74	-1.41	17.96	0.063	34.77	-16.81	25/0
		695.50	20.11	H	2.76	-1.36	15.98	0.040	34.77	-18.79	25/0

NR Band n77(PC2, 3450-3550 MHz) DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. PoL (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
100	QPSK	3499.98	21.83	H	6.18	10.67	26.32	0.429	30.00	-3.68	1 / 1
	16-QAM	3499.98	20.84	H	6.18	10.67	25.33	0.341	30.00	-4.67	1 / 1
90	QPSK	3495.00	21.18	H	6.18	10.66	25.66	0.368	30.00	-4.34	1 / 243
		3499.98	20.67	H	6.18	10.67	25.16	0.328	30.00	-4.84	1 / 243
		3504.99	21.27	H	6.19	10.67	25.75	0.376	30.00	-4.25	1 / 1
	16-QAM	3495.00	20.20	H	6.18	10.66	24.68	0.294	30.00	-5.32	1 / 243
		3499.98	19.74	H	6.18	10.67	24.23	0.265	30.00	-5.77	1 / 1
		3504.99	20.30	H	6.19	10.67	24.78	0.301	30.00	-5.22	1 / 1
80	QPSK	3490.02	21.24	H	6.16	10.65	25.73	0.374	30.00	-4.27	1 / 215
		3499.98	20.70	H	6.18	10.67	25.19	0.330	30.00	-4.81	1 / 216
		3510.00	21.25	H	6.19	10.68	25.74	0.375	30.00	-4.26	1 / 1
	16-QAM	3490.02	20.15	H	6.16	10.65	24.64	0.291	30.00	-5.36	1 / 215
		3499.98	19.74	H	6.18	10.67	24.23	0.265	30.00	-5.77	1 / 215
		3510.00	20.35	H	6.19	10.68	24.84	0.305	30.00	-5.16	1 / 215
70	QPSK	3485.01	21.04	H	6.16	10.64	25.52	0.356	30.00	-4.48	1 / 187
		3499.98	20.67	H	6.18	10.67	25.16	0.328	30.00	-4.84	1 / 187
		3514.98	21.17	H	6.19	10.68	25.66	0.368	30.00	-4.34	1 / 1
	16-QAM	3485.01	19.96	H	6.16	10.64	24.44	0.278	30.00	-5.56	1 / 187
		3499.98	19.76	H	6.18	10.67	24.25	0.266	30.00	-5.75	1 / 187
		3514.98	20.28	H	6.19	10.68	24.77	0.300	30.00	-5.23	1 / 1
60	QPSK	3480.00	20.84	H	6.16	10.63	25.32	0.340	30.00	-4.68	1 / 160
		3499.98	20.54	H	6.18	10.67	25.03	0.318	30.00	-4.97	1 / 160
		3519.99	21.24	H	6.20	10.68	25.72	0.373	30.00	-4.28	1 / 1
	16-QAM	3480.00	19.82	H	6.16	10.63	24.30	0.269	30.00	-5.70	1 / 160
		3499.98	19.78	H	6.18	10.67	24.27	0.267	30.00	-5.73	1 / 160
		3514.98	20.36	H	6.19	10.68	24.85	0.305	30.00	-5.15	1 / 1
50	QPSK	3475.02	21.15	H	6.14	10.62	25.64	0.366	30.00	-4.36	1 / 131
		3499.98	20.80	H	6.18	10.67	25.29	0.338	30.00	-4.71	1 / 131
		3525.00	21.49	H	6.20	10.69	25.98	0.396	30.00	-4.02	1 / 1
	16-QAM	3475.02	19.92	H	6.14	10.62	24.41	0.276	30.00	-5.59	1 / 131
		3499.98	20.02	H	6.18	10.67	24.51	0.282	30.00	-5.49	1 / 131
		3525.00	20.56	H	6.20	10.69	25.05	0.320	30.00	-4.95	1 / 1
40	QPSK	3470.01	20.86	H	6.14	10.61	25.34	0.342	30.00	-4.66	1 / 104
		3499.98	20.59	H	6.18	10.67	25.08	0.322	30.00	-4.92	1 / 104
		3529.98	21.36	H	6.20	10.69	25.85	0.385	30.00	-4.15	1 / 1
	16-QAM	3470.01	19.74	H	6.14	10.61	24.22	0.264	30.00	-5.78	1 / 104
		3499.98	19.87	H	6.18	10.67	24.36	0.273	30.00	-5.64	1 / 1
		3529.98	20.43	H	6.20	10.69	24.92	0.310	30.00	-5.08	1 / 1
30	QPSK	3465.00	20.97	H	6.12	10.61	25.45	0.351	30.00	-4.55	1 / 76
		3499.98	20.72	H	6.18	10.67	25.21	0.332	30.00	-4.79	1 / 76
		3535.02	21.50	H	6.19	10.69	26.00	0.398	30.00	-4.00	1 / 1
	16-QAM	3465.00	19.85	H	6.12	10.61	24.33	0.271	30.00	-5.67	1 / 76
		3499.98	19.95	H	6.18	10.67	24.44	0.278	30.00	-5.56	1 / 76
		3535.02	20.52	H	6.19	10.69	25.02	0.318	30.00	-4.98	1 / 1
25	QPSK	3462.51	20.96	H	6.13	10.60	25.43	0.349	30.00	-4.57	1 / 63
		3499.98	20.80	H	6.18	10.67	25.29	0.338	30.00	-4.71	1 / 63
		3537.48	21.49	H	6.20	10.70	25.99	0.397	30.00	-4.01	1 / 1
	16-QAM	3462.51	19.89	H	6.13	10.60	24.36	0.273	30.00	-5.64	1 / 63
		3499.98	19.92	H	6.18	10.67	24.41	0.276	30.00	-5.59	1 / 63
		3537.48	20.57	H	6.20	10.70	25.07	0.321	30.00	-4.93	1 / 1
20	QPSK	3460.02	20.78	H	6.13	10.60	25.25	0.335	30.00	-4.75	1 / 49
		3499.98	20.70	H	6.18	10.67	25.19	0.330	30.00	-4.81	1 / 49
		3540.00	21.48	H	6.20	10.70	25.98	0.396	30.00	-4.02	1 / 1
	16-QAM	3460.02	19.76	H	6.13	10.60	24.23	0.265	30.00	-5.77	1 / 49
		3499.98	19.91	H	6.18	10.67	24.40	0.275	30.00	-5.60	1 / 1
		3540.00	20.42	H	6.20	10.70	24.92	0.310	30.00	-5.08	1 / 1
15	QPSK	3457.50	20.88	H	6.13	10.59	25.34	0.342	30.00	-4.66	1 / 49
		3499.98	20.71	H	6.18	10.67	25.20	0.331	30.00	-4.80	1 / 1
		3542.49	21.42	H	6.20	10.70	25.92	0.391	30.00	-4.08	1 / 1
	16-QAM	3457.50	19.96	H	6.13	10.59	24.42	0.277	30.00	-5.58	1 / 36
		3499.98	19.82	H	6.18	10.67	24.31	0.270	30.00	-5.69	1 / 1
		3542.49	20.35	H	6.20	10.70	24.85	0.305	30.00	-5.15	1 / 1
10	QPSK	3455.01	21.02	H	6.13	10.59	25.48	0.353	30.00	-4.52	1 / 1
		3499.98	20.29	H	6.18	10.67	24.78	0.301	30.00	-5.22	1 / 1
		3544.98	19.59	H	6.20	10.70	24.09	0.256	30.00	-5.91	1 / 22
	16-QAM	3455.01	20.01	H	6.13	10.59	24.47	0.280	30.00	-5.53	1 / 1
		3499.98	19.28	H	6.18	10.67	23.77	0.238	30.00	-6.23	1 / 22
		3544.98	18.52	H	6.20	10.70	23.02	0.200	30.00	-6.98	1 / 1
100	QPSK	3499.98	20.77	H	6.18	10.67	25.26	0.336	30.00	-4.74	270/0
	16-QAM	3499.98	19.92	H	6.18	10.67	24.41	0.276	30.00	-5.59	270/0

NR Band n77 (PC2, 3450-3550 MHz, SRS2, ANT C)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
100	3499.98	19.97	H	6.18	10.67	24.46	0.279	30.00	-5.54

NR Band n77 (PC2, 3450-3550 MHz, SRS3, ANT I)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
100	3499.98	16.73	H	6.18	10.67	21.23	0.133	30.00	-8.77

NR Band n77 (PC2, 3450-3550 MHz, SRS4, ANT D)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
100	3499.98	14.38	V	6.18	10.67	18.88	0.077	30.00	-11.12

NR Band n77 (PC2, 3700-3980 MHz) DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
100	QPSK	3750.00	21.46	H	6.41	10.78	25.84	0.384	30.00	-4.16	1 / 271
		3840.00	21.70	H	6.48	10.68	25.90	0.389	30.00	-4.10	1 / 271
		3930.00	21.35	H	6.57	10.61	25.39	0.346	30.00	-4.61	1 / 1
	16-QAM	3750.00	20.45	H	6.41	10.78	24.83	0.304	30.00	-5.17	1 / 271
		3840.00	20.71	H	6.48	10.68	24.91	0.310	30.00	-5.09	1 / 271
		3930.00	20.29	H	6.57	10.61	24.33	0.271	30.00	-5.67	1 / 1
90	QPSK	3745.02	21.25	H	6.40	10.78	25.64	0.366	30.00	-4.36	1 / 243
		3840.00	21.80	H	6.48	10.68	26.00	0.398	30.00	-4.00	1 / 243
		3934.98	21.44	H	6.58	10.60	25.46	0.352	30.00	-4.54	1 / 1
	16-QAM	3745.02	20.24	H	6.40	10.78	24.63	0.290	30.00	-5.37	1 / 243
		3840.00	20.66	H	6.48	10.68	24.86	0.306	30.00	-5.14	1 / 243
		3934.98	20.46	H	6.58	10.60	24.48	0.281	30.00	-5.52	1 / 1
80	QPSK	3740.01	21.16	H	6.39	10.78	25.55	0.359	30.00	-4.45	1 / 215
		3840.00	21.76	H	6.48	10.68	25.96	0.394	30.00	-4.04	1 / 216
		3939.99	21.57	H	6.58	10.59	25.58	0.361	30.00	-4.42	1 / 215
	16-QAM	3740.01	20.19	H	6.39	10.78	24.58	0.287	30.00	-5.42	1 / 1
		3840.00	20.65	H	6.48	10.68	24.85	0.305	30.00	-5.15	1 / 215
		3939.99	20.58	H	6.58	10.59	24.59	0.288	30.00	-5.41	1 / 215
70	QPSK	3735.02	21.15	H	6.39	10.78	25.55	0.359	30.00	-4.45	1 / 1
		3840.00	21.69	H	6.48	10.68	25.89	0.388	30.00	-4.11	1 / 187
		3945.00	21.45	H	6.57	10.58	25.46	0.352	30.00	-4.54	1 / 1
	16-QAM	3735.02	20.12	H	6.39	10.78	24.52	0.283	30.00	-5.48	1 / 187
		3840.00	20.56	H	6.48	10.68	24.76	0.299	30.00	-5.24	1 / 187
		3945.00	20.39	H	6.57	10.58	24.40	0.275	30.00	-5.60	1 / 187
60	QPSK	3730.02	21.12	H	6.38	10.78	25.53	0.357	30.00	-4.47	1 / 160
		3840.00	21.53	H	6.48	10.68	25.73	0.374	30.00	-4.27	1 / 160
		3949.98	21.48	H	6.58	10.57	25.47	0.352	30.00	-4.53	1 / 160
	16-QAM	3730.02	20.16	H	6.38	10.78	24.57	0.286	30.00	-5.43	1 / 1
		3840.00	20.25	H	6.48	10.68	24.45	0.279	30.00	-5.55	1 / 160
		3949.98	20.43	H	6.58	10.57	24.42	0.277	30.00	-5.58	1 / 160
50	QPSK	3725.01	21.46	H	6.37	10.78	25.87	0.386	30.00	-4.13	1 / 66
		3840.00	21.78	H	6.48	10.68	25.98	0.396	30.00	-4.02	1 / 131
		3954.99	22.16	H	6.57	10.57	26.16	0.413	30.00	-3.84	1 / 131
	16-QAM	3725.01	20.36	H	6.37	10.78	24.77	0.300	30.00	-5.23	1 / 1
		3840.00	20.46	H	6.48	10.68	24.66	0.292	30.00	-5.34	1 / 131
		3954.99	21.07	H	6.57	10.57	25.07	0.321	30.00	-4.93	1 / 131
40	QPSK	3720.02	21.33	H	6.36	10.78	25.75	0.376	30.00	-4.25	1 / 52
		3840.00	21.61	H	6.48	10.68	25.81	0.381	30.00	-4.19	1 / 104
		3960.00	21.81	H	6.57	10.58	25.82	0.382	30.00	-4.18	1 / 52
	16-QAM	3720.02	20.41	H	6.36	10.78	24.83	0.304	30.00	-5.17	1 / 52
		3840.00	20.44	H	6.48	10.68	24.64	0.291	30.00	-5.36	1 / 104
		3960.00	20.81	H	6.57	10.58	24.82	0.303	30.00	-5.18	1 / 104
30	QPSK	3715.02	21.44	H	6.36	10.78	25.86	0.385	30.00	-4.14	1 / 76
		3840.00	21.74	H	6.48	10.68	25.94	0.393	30.00	-4.06	1 / 76
		3964.98	21.98	H	6.57	10.58	25.99	0.397	30.00	-4.01	1 / 76
	16-QAM	3715.02	20.29	H	6.36	10.78	24.71	0.296	30.00	-5.29	1 / 1
		3840.00	20.32	H	6.48	10.68	24.52	0.283	30.00	-5.48	1 / 76
		3964.98	20.98	H	6.57	10.58	24.99	0.316	30.00	-5.01	1 / 1
25	QPSK	3712.50	21.46	H	6.36	10.78	25.88	0.387	30.00	-4.12	1 / 32
		3840.00	21.66	H	6.48	10.68	25.86	0.385	30.00	-4.14	1 / 1
		3967.50	22.09	H	6.57	10.59	26.10	0.407	30.00	-3.90	1 / 1
	16-QAM	3712.50	20.20	H	6.36	10.78	24.62	0.290	30.00	-5.38	1 / 32
		3840.00	20.36	H	6.48	10.68	24.56	0.286	30.00	-5.44	1 / 1
		3967.50	21.03	H	6.57	10.59	25.04	0.319	30.00	-4.96	1 / 63
20	QPSK	3710.01	21.21	H	6.36	10.78	25.63	0.366	30.00	-4.37	1 / 26
		3840.00	21.68	H	6.48	10.68	25.88	0.387	30.00	-4.12	1 / 49
		3969.99	22.04	H	6.57	10.59	26.06	0.404	30.00	-3.94	1 / 49
	16-QAM	3710.01	20.22	H	6.36	10.78	24.64	0.291	30.00	-5.36	1 / 49
		3840.00	20.42	H	6.48	10.68	24.62	0.290	30.00	-5.38	1 / 1
		3969.99	21.13	H	6.57	10.59	25.15	0.327	30.00	-4.85	1 / 49
15	QPSK	3707.52	21.26	H	6.36	10.78	25.68	0.370	30.00	-4.32	1 / 49
		3840.00	21.70	H	6.48	10.68	25.90	0.389	30.00	-4.10	1 / 49
		3972.48	22.09	H	6.57	10.59	26.11	0.408	30.00	-3.89	1 / 49
	16-QAM	3707.52	20.20	H	6.36	10.78	24.62	0.290	30.00	-5.38	1 / 1
		3840.00	20.54	H	6.48	10.68	24.74	0.298	30.00	-5.26	1 / 36
		3972.48	21.13	H	6.57	10.59	25.15	0.327	30.00	-4.85	1 / 36
10	QPSK	3705.00	20.12	H	6.36	10.78	24.54	0.284	30.00	-5.46	1 / 22
		3840.00	21.15	H	6.48	10.68	25.35	0.343	30.00	-4.65	1 / 1
		3975.00	21.15	H	6.58	10.59	25.17	0.329	30.00	-4.83	1 / 22
	16-QAM	3705.00	19.06	H	6.36	10.78	23.48	0.223	30.00	-6.52	1 / 22
		3840.00	20.25	H	6.48	10.68	24.45	0.279	30.00	-5.55	1 / 22
		3975.00	19.93	H	6.58	10.59	23.95	0.248	30.00	-6.05	1 / 22
50	QPSK	3725.01	20.58	H	6.37	10.78	24.99	0.316	30.00	-5.01	128/0
		3840.00	20.79	H	6.48	10.68	24.99	0.316	30.00	-5.01	128/0
		3954.99	21.11	H	6.57	10.57	25.11	0.324	30.00	-4.89	128/0
20	16-QAM	3710.01	19.37	H	6.36	10.78	23.79	0.239	30.00	-6.21	50/0
		3840.00	19.48	H	6.48	10.68	23.68	0.233	30.00	-6.32	50/0
		3969.99	20.16	H	6.57	10.59	24.18	0.262	30.00	-5.82	50/0

NR Band n77 (PC2, 3700-3980 MHz, SRS2, ANT C)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
50	3725.00	15.89	H	6.37	10.78	20.29	0.107	30.00	-9.71
	3840.00	14.84	H	6.48	10.68	19.03	0.080	30.00	-10.97
	3955.00	13.25	H	6.57	10.57	17.25	0.053	30.00	-12.75

NR Band n77 (PC2, 3700-3980 MHz, SRS3, ANT I)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
100	3750.00	12.42	H	6.41	10.78	16.79	0.048	30.00	-13.21
	3840.00	12.39	H	6.48	10.68	16.59	0.046	30.00	-13.41
	3930.00	12.17	H	6.57	10.61	16.21	0.042	30.00	-13.79

NR Band n77 (PC2, 3700-3980 MHz, SRS4, ANT D)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
50	3725.00	13.50	H	6.37	10.78	17.91	0.062	30.00	-12.09
	3840.00	12.30	H	6.48	10.68	16.50	0.045	30.00	-13.50
	3955.00	11.10	H	6.57	10.57	15.10	0.032	30.00	-14.90

9.2. RADIATED SPURIOUS EMISSION

RULE PART(S)

FCC: §2.1053, §27.53

LIMIT

§27.53:

(a) (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 2324 and 2328 MHz and 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.

(c)(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.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB.

(h) The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

(m) (4) 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 than $43 + 10 \log (P)$ 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.

(l)(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.

(n)(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.

TEST PROCEDURE

ANSI / TIA / EIA 603 E Clause 2.2.12; ESU40 setting reference to 971168 D01 v03r01

For peak power measurement with a ESU40:

- a) Set the RBW = 100 kHz for emission below 1 GHz and 1 MHz for emissions above 1 GHz
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points $\geq 2 \times$ span/RBW;
- g) Trace Mode = average(WCDMA, LTE FDD, 5G NR FDD), Maxhold(LTE TDD, 5G NR TDD);

NOTE1

UMTS: It was tested at REL 99 as worst case (the highest output power and density).

LTE: It was tested at 1RB QPSK as worst case (the highest output power and density).

5G NR: All Waveforms (CP-OFDM vs DFT-s_OFDM) and modulations ($\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM) were investigated to determine the worst case configuration. All Modes of operation were investigated and the worst case configuration results are reported in this section.

NOTE2

Please refer to section 5.4 for bandwidth and RB setting about LTE, 5G NR bands.

RESULTS

See the following pages.

9.2.1. SPURIOUS RADIATION RESULT

WCDMA Band 4

REL99 ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-21 Test Engineer: 33535 Configuration: EUT / AC Adapter, X-Position Location: Chamber 1 Mode: Rel99 Band 4 Harmonics Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1712.4MHz										
	3424.80	-74.8	H	3.0	-0.7	11.74	-63.7	-13.0	-50.7	NF
	5137.20	-74.4	H	3.0	2.1	11.74	-60.6	-13.0	-47.6	NF
	6849.60	-74.7	H	3.0	4.7	11.74	-58.3	-13.0	-45.3	NF
Mid Ch, 1732.6MHz										
	3465.20	-74.7	H	3.0	-0.6	11.74	-63.6	-13.0	-50.6	NF
	5197.80	-74.5	H	3.0	2.3	11.74	-60.4	-13.0	-47.4	NF
	6930.40	-74.7	H	3.0	4.9	11.74	-58.1	-13.0	-45.1	NF
High Ch, 1752.6MHz										
	3505.20	-74.6	V	3.0	-0.6	11.74	-63.4	-13.0	-50.4	NF
	5257.80	-74.3	V	3.0	2.2	11.74	-60.3	-13.0	-47.3	NF
	7010.40	-74.5	V	3.0	4.9	11.74	-57.8	-13.0	-44.8	NF
	3505.20	-74.6	H	3.0	-0.6	11.74	-63.4	-13.0	-50.4	NF
	5257.80	-74.3	H	3.0	2.2	11.74	-60.3	-13.0	-47.3	NF
	7010.40	-74.5	H	3.0	4.9	11.74	-57.8	-13.0	-44.8	NF
NF : Noise Floor										

LTE Band 7

20 MHz QPSK ANT B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company:		Samsung							
	Project #:		4791921958							
	Date:		2025-11-21							
	Test Engineer:		33535							
	Configuration:		EUT / AC Adapter, X-Position							
	Location:		Chamber 1							
	Mode:		LTE_QPSK Band 7 Harmonics, 20MHz Bandwidth							
	Test Votage:		AC 120 V, 60 Hz							
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2510MHz									
	5020.00	-75.5	H	3.0	1.8	11.74	-61.9	-25.0	-36.9	NF
	7530.00	-77.0	H	3.0	5.8	11.74	-59.5	-25.0	-34.5	NF
	10040.00	-80.3	H	3.0	11.0	11.74	-57.5	-25.0	-32.5	NF
	Mid Ch, 2535MHz									
	5070.00	-75.4	H	3.0	1.9	11.74	-61.7	-25.0	-36.7	NF
	7605.00	-77.1	H	3.0	6.0	11.74	-59.4	-25.0	-34.4	NF
10140.00	-80.6	H	3.0	11.2	11.74	-57.6	-25.0	-32.6	NF	
High Ch, 2560MHz										
5120.00	-75.4	V	3.0	2.0	11.74	-61.7	-25.0	-36.7	NF	
7680.00	-77.3	V	3.0	6.1	11.74	-59.5	-25.0	-34.5	NF	
10240.00	-80.8	V	3.0	11.6	11.74	-57.4	-25.0	-32.4	NF	
5120.00	-75.5	H	3.0	2.0	11.74	-61.7	-25.0	-36.7	NF	
7680.00	-77.3	H	3.0	6.1	11.74	-59.5	-25.0	-34.5	NF	
10240.00	-80.7	H	3.0	11.6	11.74	-57.4	-25.0	-32.4	NF	
NF : Noise Floor										

15 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company:		Samsung							
	Project #:		4791921958							
	Date:		2025-11-21							
	Test Engineer:		33535							
	Configuration:		EUT / AC Adapter, Y-Position							
	Location:		Chamber 1							
	Mode:		LTE_QPSK Band 7 Harmonics, 15MHz Bandwidth							
	Test Votage:		AC 120 V, 60 Hz							
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2507.5MHz									
	5015.00	-75.5	V	3.0	1.8	11.74	-61.9	-25.0	-36.9	NF
	7522.50	-77.1	V	3.0	5.7	11.74	-59.6	-25.0	-34.6	NF
	10030.00	-80.3	V	3.0	10.9	11.74	-57.6	-25.0	-32.6	NF
	Mid Ch, 2535MHz									
	5070.00	-75.4	V	3.0	1.9	11.74	-61.7	-25.0	-36.7	NF
	7605.00	-77.1	V	3.0	6.0	11.74	-59.4	-25.0	-34.4	NF
10140.00	-80.7	V	3.0	11.2	11.74	-57.7	-25.0	-32.7	NF	
High Ch, 2562.5MHz										
5125.00	-75.5	V	3.0	2.0	11.74	-61.8	-25.0	-36.8	NF	
7687.50	-77.2	V	3.0	6.1	11.74	-59.4	-25.0	-34.4	NF	
10250.00	-80.8	V	3.0	11.7	11.74	-57.4	-25.0	-32.4	NF	
5125.00	-75.4	H	3.0	2.0	11.74	-61.6	-25.0	-36.6	NF	
7687.50	-77.4	H	3.0	6.1	11.74	-59.6	-25.0	-34.6	NF	
10250.00	-80.8	H	3.0	11.7	11.74	-57.4	-25.0	-32.4	NF	
NF : Noise Floor										

LTE Band 12

5 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-24									
	Test Engineer: 33535									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 12 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 701.5MHz									
	1403.00	-64.2	H	3.0	-7.0	11.74	-59.5	-13.0	-46.5	
	2104.50	-61.0	H	3.0	-3.6	11.74	-52.8	-13.0	-39.8	
	2806.00	-75.4	H	3.0	-2.1	11.74	-65.7	-13.0	-52.7	NF
	3507.50	-75.6	H	3.0	-0.5	11.74	-64.4	-13.0	-51.4	NF
	Mid Ch, 707.5MHz									
	1415.00	-66.6	V	3.0	-7.1	11.74	-62.0	-13.0	-49.0	
	2122.50	-66.1	V	3.0	-3.6	11.74	-57.9	-13.0	-44.9	
	2830.00	-75.2	V	3.0	-2.0	11.74	-65.4	-13.0	-52.4	NF
	3537.50	-75.5	V	3.0	-0.4	11.74	-64.2	-13.0	-51.2	NF
	1415.00	-63.8	H	3.0	-7.1	11.74	-59.2	-13.0	-46.2	
	2122.50	-60.2	H	3.0	-3.6	11.74	-52.0	-13.0	-39.0	
2830.00	-75.2	H	3.0	-2.0	11.74	-65.4	-13.0	-52.4	NF	
3537.50	-75.5	H	3.0	-0.4	11.74	-64.2	-13.0	-51.2	NF	
High Ch, 713.5MHz										
1427.00	-64.5	H	3.0	-7.2	11.74	-60.0	-13.0	-47.0		
2140.50	-62.5	H	3.0	-3.6	11.74	-54.3	-13.0	-41.3		
2854.00	-75.5	H	3.0	-1.9	11.74	-65.7	-13.0	-52.7	NF	
3567.50	-75.7	H	3.0	-0.3	11.74	-64.3	-13.0	-51.3	NF	
NF : Noise Floor										
10 MHz QPSK ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-21									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 12 Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 704MHz									
	1408.00	-67.0	V	3.0	-7.1	11.74	-62.3	-13.0	-49.3	
	2112.00	-73.9	V	3.0	-3.6	11.74	-65.7	-13.0	-52.7	
	2816.00	-74.6	V	3.0	-2.1	11.74	-64.9	-13.0	-51.9	NF
	3520.00	-74.9	V	3.0	-0.5	11.74	-63.7	-13.0	-50.7	NF
	1408.00	-66.1	H	3.0	-7.1	11.74	-61.4	-13.0	-48.4	
	2112.00	-73.6	H	3.0	-3.6	11.74	-65.4	-13.0	-52.4	
	2816.00	-74.6	H	3.0	-2.1	11.74	-64.9	-13.0	-51.9	NF
	3520.00	-74.8	H	3.0	-0.5	11.74	-63.6	-13.0	-50.6	NF
	Mid Ch, 707.5MHz									
	1415.00	-68.7	H	3.0	-7.1	11.74	-64.1	-13.0	-51.1	
	2122.50	-73.4	H	3.0	-3.6	11.74	-65.2	-13.0	-52.2	
2830.00	-74.4	H	3.0	-2.0	11.74	-64.7	-13.0	-51.7	NF	
3537.50	-74.6	H	3.0	-0.4	11.74	-63.3	-13.0	-50.3	NF	
High Ch, 711MHz										
1422.00	-71.3	H	3.0	-7.1	11.74	-66.7	-13.0	-53.7		
2133.00	-73.2	H	3.0	-3.6	11.74	-65.0	-13.0	-52.0		
2844.00	-73.6	H	3.0	-2.0	11.74	-63.8	-13.0	-50.8	NF	
3555.00	-74.8	H	3.0	-0.4	11.74	-63.5	-13.0	-50.5	NF	
NF : Noise Floor										

LTE Band 13

5 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-19									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 13 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 779.5MHz									
	1559.00	-68.3	V	3.0	-7.6	11.74	-64.2	-40.0	-24.2	
	2338.50	-68.7	V	3.0	-3.0	11.74	-60.0	-13.0	-47.0	
	3118.00	-74.6	V	3.0	-1.1	11.74	-63.9	-13.0	-50.9	NF
	3897.50	-74.0	V	3.0	0.1	11.74	-62.2	-13.0	-49.2	NF
	1559.00	-65.0	H	3.0	-7.6	11.74	-60.9	-40.0	-20.9	
	2338.50	-67.6	H	3.0	-3.0	11.74	-58.9	-13.0	-45.9	
	3118.00	-74.6	H	3.0	-1.1	11.74	-63.9	-13.0	-50.9	NF
	3897.50	-74.1	H	3.0	0.1	11.74	-62.2	-13.0	-49.2	NF
	Mid Ch, 782MHz									
	1564.00	-66.6	H	3.0	-7.6	11.74	-62.5	-40.0	-22.5	
	2346.00	-69.1	H	3.0	-3.0	11.74	-60.4	-13.0	-47.4	
3128.00	-74.7	H	3.0	-1.1	11.74	-64.0	-13.0	-51.0	NF	
3910.00	-74.1	H	3.0	0.1	11.74	-62.2	-13.0	-49.2	NF	
High Ch, 784.5MHz										
1569.00	-66.4	H	3.0	-7.6	11.74	-62.3	-40.0	-22.3		
2353.50	-70.7	H	3.0	-3.0	11.74	-61.9	-13.0	-48.9		
3138.00	-74.6	H	3.0	-1.1	11.74	-63.9	-13.0	-50.9	NF	
3922.50	-73.9	H	3.0	0.2	11.74	-62.0	-13.0	-49.0	NF	
NF : Noise Floor										
5 MHz QPSK ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-24									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, Y-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 13 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 779.5MHz									
	1559.00	-72.2	H	3.0	-7.6	11.74	-68.1	-40.0	-28.1	
	2338.50	-72.1	H	3.0	-3.0	11.74	-63.4	-13.0	-50.4	
	3118.00	-74.6	H	3.0	-1.1	11.74	-63.9	-13.0	-50.9	NF
	3897.50	-74.3	H	3.0	0.1	11.74	-62.4	-13.0	-49.4	NF
	Mid Ch, 782MHz									
	1564.00	-73.6	V	3.0	-7.6	11.74	-69.5	-40.0	-29.5	
	2346.00	-71.9	V	3.0	-3.0	11.74	-63.1	-13.0	-50.1	
	3128.00	-74.7	V	3.0	-1.1	11.74	-64.1	-13.0	-51.1	NF
	3910.00	-74.3	V	3.0	0.1	11.74	-62.4	-13.0	-49.4	NF
	1564.00	-71.4	H	3.0	-7.6	11.74	-67.2	-40.0	-27.2	
	2346.00	-72.6	H	3.0	-3.0	11.74	-63.9	-13.0	-50.9	
3128.00	-74.6	H	3.0	-1.1	11.74	-64.0	-13.0	-51.0	NF	
3910.00	-74.0	H	3.0	0.1	11.74	-62.1	-13.0	-49.1	NF	
High Ch, 784.5MHz										
1569.00	-72.5	H	3.0	-7.6	11.74	-68.4	-40.0	-28.4		
2353.50	-72.9	H	3.0	-3.0	11.74	-64.1	-13.0	-51.1		
3138.00	-74.6	H	3.0	-1.1	11.74	-63.9	-13.0	-50.9	NF	
3922.50	-74.1	H	3.0	0.2	11.74	-62.2	-13.0	-49.2	NF	
NF : Noise Floor										

LTE Band 30

10 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-11 Test Engineer: 28775 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 2 Mode: LTE_QPSK Band 30 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Mid Ch, 2310MHz									
	4620.00	-77.0	V	3.0	2.7	11.74	-62.6	-40.0	-22.6	NF
	6930.00	-79.5	V	3.0	7.2	11.74	-60.5	-40.0	-20.5	NF
	9240.00	-81.5	V	3.0	11.9	11.74	-57.8	-40.0	-17.8	NF
	4620.00	-77.0	H	3.0	2.7	11.74	-62.6	-40.0	-22.6	NF
	6930.00	-79.5	H	3.0	7.2	11.74	-60.6	-40.0	-20.6	NF
	9240.00	-81.5	H	3.0	11.9	11.74	-57.8	-40.0	-17.8	NF
	NF : Noise Floor									
10 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-11 Test Engineer: 28775 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 2 Mode: LTE_QPSK Band 30 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Mid Ch, 2310MHz									
	4620.00	-77.0	V	3.0	2.7	11.74	-62.6	-40.0	-22.6	NF
	6930.00	-79.6	V	3.0	7.2	11.74	-60.6	-40.0	-20.6	NF
	9240.00	-81.4	V	3.0	11.9	11.74	-57.8	-40.0	-17.8	NF
	4620.00	-77.0	H	3.0	2.7	11.74	-62.6	-40.0	-22.6	NF
	6930.00	-79.5	H	3.0	7.2	11.74	-60.5	-40.0	-20.5	NF
	9240.00	-81.4	H	3.0	11.9	11.74	-57.8	-40.0	-17.8	NF
	NF : Noise Floor									

LTE Band 41 (PC3)

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
Company:		Samsung							
Project #:		4791921958							
Date:		2025-11-26							
Test Engineer:		33535							
Configuration:		EUT / AC Adapter, X-Position							
Location:		Chamber 1							
Mode:		LTE_QPSK Band 41 Harmonics, 20MHz Bandwidth							
Test Votage:		AC 120 V, 60 Hz							
f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2506MHz									
5012.00	-72.9	H	3.0	1.8	11.74	-59.3	-25.0	-34.3	
7518.00	-71.0	H	3.0	5.7	11.74	-53.5	-25.0	-28.5	
10024.00	-73.9	H	3.0	10.9	11.74	-51.2	-25.0	-26.2	
12530.00	-76.2	H	3.0	15.0	11.74	-49.4	-25.0	-24.4	NF
15036.00	-75.6	H	3.0	16.4	11.74	-47.4	-25.0	-22.4	NF
Mid Ch, 2593MHz									
5186.00	-73.9	H	3.0	2.2	11.74	-59.9	-25.0	-34.9	
7779.00	-61.5	H	3.0	6.2	11.74	-43.5	-25.0	-18.5	
10372.00	-74.4	H	3.0	12.0	11.74	-50.7	-25.0	-25.7	
12965.00	-75.1	H	3.0	15.2	11.74	-48.2	-25.0	-23.2	NF
15558.00	-75.2	H	3.0	17.1	11.74	-46.3	-25.0	-21.3	NF
High Ch, 2680MHz									
5360.00	-68.6	V	3.0	2.4	11.74	-54.5	-25.0	-29.5	
8040.00	-65.9	V	3.0	6.8	11.74	-47.3	-25.0	-22.3	
10720.00	-74.7	V	3.0	12.4	11.74	-50.6	-25.0	-25.6	
13400.00	-75.1	V	3.0	15.1	11.74	-48.3	-25.0	-23.3	NF
16080.00	-74.7	V	3.0	17.9	11.74	-45.1	-25.0	-20.1	NF
5360.00	-67.6	H	3.0	2.4	11.74	-53.4	-25.0	-28.4	
8040.00	-60.4	H	3.0	6.8	11.74	-41.8	-25.0	-16.8	
10720.00	-74.9	H	3.0	12.4	11.74	-50.8	-25.0	-25.8	
13400.00	-75.0	H	3.0	15.1	11.74	-48.2	-25.0	-23.2	NF
16080.00	-74.8	H	3.0	17.9	11.74	-45.2	-25.0	-20.2	NF
NF : Noise Floor									

LTE Band 66

15 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-26									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 66 Harmonics, 15MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1717.5MHz									
	3435.00	-75.1	V	3.0	-0.6	11.74	-64.0	-13.0	-51.0	NF
	5152.50	-74.5	V	3.0	2.1	11.74	-60.6	-13.0	-47.6	
	6870.00	-74.9	V	3.0	4.8	11.74	-58.4	-13.0	-45.4	NF
	8587.50	-76.3	V	3.0	7.9	11.74	-56.7	-13.0	-43.7	NF
	Mid Ch, 1745MHz									
	3490.00	-74.9	V	3.0	-0.6	11.74	-63.7	-13.0	-50.7	
	5235.00	-71.3	V	3.0	2.3	11.74	-57.3	-13.0	-44.3	
	6980.00	-74.9	V	3.0	4.9	11.74	-58.3	-13.0	-45.3	NF
	8725.00	-76.3	V	3.0	8.1	11.74	-56.4	-13.0	-43.4	NF
	3490.00	-75.0	H	3.0	-0.6	11.74	-63.9	-13.0	-50.9	NF
5235.00	-72.6	H	3.0	2.3	11.74	-58.6	-13.0	-45.6		
6980.00	-74.8	H	3.0	4.9	11.74	-58.2	-13.0	-45.2	NF	
8725.00	-76.2	H	3.0	8.1	11.74	-56.4	-13.0	-43.4	NF	
High Ch, 1772.5MHz										
3545.00	-74.6	V	3.0	-0.4	11.74	-63.3	-13.0	-50.3	NF	
5317.50	-74.1	V	3.0	2.3	11.74	-60.1	-13.0	-47.1		
7090.00	-74.9	V	3.0	5.0	11.74	-58.2	-13.0	-45.2	NF	
8862.50	-76.4	V	3.0	8.4	11.74	-56.2	-13.0	-43.2	NF	
NF : Noise Floor										
5 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-26									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 66 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1712.5MHz									
	3425.00	-75.1	V	3.0	-0.7	11.74	-64.0	-13.0	-51.0	NF
	5137.50	-74.6	V	3.0	2.1	11.74	-60.8	-13.0	-47.8	
	6850.00	-74.8	V	3.0	4.7	11.74	-58.4	-13.0	-45.4	
	3425.00	-75.0	H	3.0	-0.7	11.74	-63.9	-13.0	-50.9	
	5137.50	-74.5	H	3.0	2.1	11.74	-60.7	-13.0	-47.7	
	6850.00	-74.8	H	3.0	4.7	11.74	-58.4	-13.0	-45.4	
	Mid Ch, 1745MHz									
	3490.00	-74.8	V	3.0	-0.6	11.74	-63.7	-13.0	-50.7	
	5235.00	-74.4	V	3.0	2.3	11.74	-60.4	-13.0	-47.4	
	6980.00	-74.8	V	3.0	4.9	11.74	-58.2	-13.0	-45.2	
	3490.00	-75.1	H	3.0	-0.6	11.74	-63.9	-13.0	-50.9	
	5235.00	-74.5	H	3.0	2.3	11.74	-60.5	-13.0	-47.5	
6980.00	-74.8	H	3.0	4.9	11.74	-58.2	-13.0	-45.2		
High Ch, 1777.5MHz										
3555.00	-74.5	V	3.0	-0.4	11.74	-63.2	-13.0	-50.2		
5332.50	-74.2	V	3.0	2.3	11.74	-60.1	-13.0	-47.1		
7110.00	-75.0	V	3.0	5.1	11.74	-58.2	-13.0	-45.2		
3555.00	-74.5	H	3.0	-0.4	11.74	-63.1	-13.0	-50.1		
5332.50	-74.2	H	3.0	2.3	11.74	-60.1	-13.0	-47.1		
7110.00	-75.0	H	3.0	5.1	11.74	-58.2	-13.0	-45.2		
NF : Noise Floor										

LTE Band 71

20 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-21									
	Test Engineer: 33535									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 71 Harmonics, 20MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 673MHz									
	1346.00	-50.2	H	3.0	-6.6	11.74	-45.1	-13.0	-32.1	
	2019.00	-70.0	H	3.0	-3.6	11.74	-61.8	-13.0	-48.8	
	2692.00	-74.3	H	3.0	-2.2	11.74	-64.8	-13.0	-51.8	NF
	3365.00	-74.9	H	3.0	-0.8	11.74	-64.0	-13.0	-51.0	NF
	Mid Ch, 680.5MHz									
	1361.00	-52.7	V	3.0	-6.7	11.74	-47.7	-13.0	-34.7	
	2041.50	-70.3	V	3.0	-3.6	11.74	-62.2	-13.0	-49.2	
	2722.00	-74.6	V	3.0	-2.2	11.74	-65.0	-13.0	-52.0	NF
	3402.50	-74.9	V	3.0	-0.7	11.74	-63.8	-13.0	-50.8	NF
	1361.00	-49.5	H	3.0	-6.7	11.74	-44.4	-13.0	-31.4	
2041.50	-70.8	H	3.0	-3.6	11.74	-62.7	-13.0	-49.7		
2722.00	-74.7	H	3.0	-2.2	11.74	-65.1	-13.0	-52.1	NF	
3402.50	-75.0	H	3.0	-0.7	11.74	-64.0	-13.0	-51.0	NF	
High Ch, 688MHz										
1376.00	-56.1	H	3.0	-6.8	11.74	-51.2	-13.0	-38.2		
2064.00	-69.1	H	3.0	-3.6	11.74	-61.0	-13.0	-48.0		
2752.00	-74.4	H	3.0	-2.2	11.74	-64.8	-13.0	-51.8	NF	
3440.00	-75.0	H	3.0	-0.6	11.74	-63.9	-13.0	-50.9	NF	
NF : Noise Floor										
10 MHz QPSK ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-21									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 71 Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 668MHz									
	1336.00	-67.8	H	3.0	-6.5	11.74	-62.6	-13.0	-49.6	
	2004.00	-73.9	H	3.0	-3.6	11.74	-65.8	-13.0	-52.8	
	2672.00	-74.3	H	3.0	-2.2	11.74	-64.8	-13.0	-51.8	NF
	3340.00	-74.8	H	3.0	-0.9	11.74	-63.9	-13.0	-50.9	NF
	Mid Ch, 680.5MHz									
	1361.00	-68.8	H	3.0	-6.7	11.74	-63.8	-13.0	-50.8	
	2041.50	-73.9	H	3.0	-3.6	11.74	-65.8	-13.0	-52.8	
	2722.00	-74.6	H	3.0	-2.2	11.74	-65.0	-13.0	-52.0	NF
	3402.50	-75.1	H	3.0	-0.7	11.74	-64.0	-13.0	-51.0	NF
	High Ch, 693MHz									
1386.00	-66.8	V	3.0	-6.9	11.74	-62.0	-13.0	-49.0		
2079.00	-74.3	V	3.0	-3.6	11.74	-66.1	-13.0	-53.1	NF	
2772.00	-74.5	V	3.0	-2.1	11.74	-64.9	-13.0	-51.9	NF	
1386.00	-65.5	H	3.0	-6.9	11.74	-60.6	-13.0	-47.6		
2079.00	-74.3	H	3.0	-3.6	11.74	-66.1	-13.0	-53.1		
2772.00	-74.4	H	3.0	-2.1	11.74	-64.8	-13.0	-51.8	NF	
3465.00	-74.7	H	3.0	-0.6	11.74	-63.6	-13.0	-50.6	NF	
NF : Noise Floor										

NR Band n7 DFT-s OFDM

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
Company:		Samsung								
Project #:		4791921958								
Date:		2025-11-25								
Test Engineer:		28775								
Configuration:		EUT / AC Adapter, X-Position								
Location:		Chamber 2								
Mode:		5G NR_QPSK NR n7 Harmonics, 40MHz Bandwidth								
Test Voltage:		AC 120 V, 60 Hz								
40 MHz QPSK ANT B	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2520MHz									
	5040.00	-78.2	V	3.0	3.3	11.74	-63.2	-25.0	-38.2	
	7560.00	-79.7	V	3.0	8.3	11.74	-59.6	-25.0	-34.6	
	10080.00	-84.0	V	3.0	13.7	11.74	-58.5	-25.0	-33.5	
	12600.00	-84.4	V	3.0	18.3	11.74	-54.3	-25.0	-29.3	NF
	15120.00	-85.4	V	3.0	20.7	11.74	-52.9	-25.0	-27.9	NF
	Mid Ch, 2535MHz									
	5070.00	-78.0	V	3.0	3.3	11.74	-62.9	-25.0	-37.9	
	7605.00	-79.5	V	3.0	8.4	11.74	-59.3	-25.0	-34.3	
	10140.00	-83.6	V	3.0	14.0	11.74	-57.8	-25.0	-32.8	
	12675.00	-84.7	V	3.0	18.2	11.74	-54.8	-25.0	-29.8	NF
	15210.00	-85.4	V	3.0	21.3	11.74	-52.4	-25.0	-27.4	NF
	High Ch, 2550MHz									
	5100.00	-78.3	V	3.0	3.4	11.74	-63.2	-25.0	-38.2	
	7650.00	-80.0	V	3.0	8.5	11.74	-59.7	-25.0	-34.7	
	10200.00	-83.0	V	3.0	14.4	11.74	-56.9	-25.0	-31.9	
	12750.00	-84.7	V	3.0	18.3	11.74	-54.7	-25.0	-29.7	NF
	15300.00	-85.5	V	3.0	21.3	11.74	-52.5	-25.0	-27.5	NF
	5100.00	-78.2	H	3.0	3.4	11.74	-63.1	-25.0	-38.1	
	7650.00	-80.2	H	3.0	8.5	11.74	-60.0	-25.0	-35.0	
	10200.00	-83.1	H	3.0	14.4	11.74	-57.0	-25.0	-32.0	
	12750.00	-84.9	H	3.0	18.3	11.74	-54.8	-25.0	-29.8	NF
	15300.00	-85.5	H	3.0	21.3	11.74	-52.5	-25.0	-27.5	NF
	NF : Noise Floor									

NR Band n12 DFT-s OFDM

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
Company:		Samsung								
Project #:		4791921958								
Date:		2025-11-19								
Test Engineer:		24542								
Configuration:		EUT / AC Adapter, Y-Position								
Location:		Chamber 2								
Mode:		5G NR_QPSK NR n12 Harmonics, 15MHz Bandwidth								
Test Voltage:		AC 120 V, 60 Hz								
15 MHz QPSK ANT A	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 706.5MHz									
	1413.00	-68.6	V	3.0	-6.1	11.74	-62.9	-13.0	-49.9	
	2119.50	-70.3	V	3.0	-2.6	11.74	-61.1	-13.0	-48.1	
	2826.00	-75.5	V	3.0	-1.3	11.74	-65.1	-13.0	-52.1	
	3532.50	-76.5	V	3.0	0.2	11.74	-64.6	-13.0	-51.6	NF
	4239.00	-76.5	V	3.0	1.7	11.74	-63.1	-13.0	-50.1	NF
	1413.00	-70.2	H	3.0	-6.1	11.74	-64.5	-13.0	-51.5	
	2119.50	-69.5	H	3.0	-2.6	11.74	-60.3	-13.0	-47.3	
	2826.00	-75.5	H	3.0	-1.3	11.74	-65.1	-13.0	-52.1	
	3532.50	-76.5	H	3.0	0.2	11.74	-64.6	-13.0	-51.6	NF
	4239.00	-76.6	H	3.0	1.7	11.74	-63.1	-13.0	-50.1	NF
	Mid Ch, 707.5MHz									
	1415.00	-70.7	H	3.0	-6.1	11.74	-65.1	-13.0	-52.1	
	2122.50	-69.7	H	3.0	-2.6	11.74	-60.5	-13.0	-47.5	
	2830.00	-75.6	H	3.0	-1.3	11.74	-65.2	-13.0	-52.2	
	3537.50	-76.5	H	3.0	0.2	11.74	-64.6	-13.0	-51.6	NF
	4245.00	-76.5	H	3.0	1.7	11.74	-63.1	-13.0	-50.1	NF
	High Ch, 708.5MHz									
	1417.00	-71.0	H	3.0	-6.1	11.74	-65.3	-13.0	-52.3	
	2125.50	-69.6	H	3.0	-2.6	11.74	-60.4	-13.0	-47.4	
	2834.00	-75.8	H	3.0	-1.3	11.74	-65.4	-13.0	-52.4	
	3542.50	-76.6	H	3.0	0.2	11.74	-64.6	-13.0	-51.6	NF
	4251.00	-76.7	H	3.0	1.6	11.74	-63.3	-13.0	-50.3	NF
	NF : Noise Floor									

NR Band n30 DFT-s OFDM

10 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-13 Test Engineer: 28775 Configuration: EUT / AC Adapter, X-Position Location: Chamber 2 Mode: 5G NR_QPSK NR n30 Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Mid Ch, 2310MHz									
	4620.00	-76.9	V	3.0	2.7	11.74	-62.5	-40.0	-22.5	NF
	6930.00	-79.5	V	3.0	7.2	11.74	-60.5	-40.0	-20.5	NF
	9240.00	-81.3	V	3.0	11.9	11.74	-57.6	-40.0	-17.6	NF
	4620.00	-76.9	H	3.0	2.7	11.74	-62.5	-40.0	-22.5	NF
	6930.00	-79.5	H	3.0	7.2	11.74	-60.5	-40.0	-20.5	NF
	9240.00	-81.2	H	3.0	11.9	11.74	-57.6	-40.0	-17.6	NF
	NF : Noise Floor									
5 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-13 Test Engineer: 28775 Configuration: EUT / AC Adapter, X-Position Location: Chamber 2 Mode: 5G NR_QPSK NR n30 Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2307.5MHz									
	4615.00	-76.7	V	3.0	2.6	11.74	-62.3	-40.0	-22.3	
	6922.50	-79.4	V	3.0	7.2	11.74	-60.4	-40.0	-20.4	NF
	9230.00	-81.2	V	3.0	11.9	11.74	-57.6	-40.0	-17.6	NF
	Mid Ch, 2310MHz									
	4620.00	-76.6	V	3.0	2.7	11.74	-62.2	-40.0	-22.2	
	6930.00	-79.4	V	3.0	7.2	11.74	-60.5	-40.0	-20.5	NF
	9240.00	-81.2	V	3.0	11.9	11.74	-57.6	-40.0	-17.6	NF
	4620.00	-76.8	H	3.0	2.7	11.74	-62.3	-40.0	-22.3	
	6930.00	-79.4	H	3.0	7.2	11.74	-60.5	-40.0	-20.5	NF
	9240.00	-81.3	H	3.0	11.9	11.74	-57.6	-40.0	-17.6	NF
	High Ch, 2312.5MHz									
	4625.00	-76.8	V	3.0	2.7	11.74	-62.4	-40.0	-22.4	NF
	6937.50	-79.5	V	3.0	7.2	11.74	-60.6	-40.0	-20.6	NF
	9250.00	-81.3	V	3.0	11.9	11.74	-57.7	-40.0	-17.7	NF
	NF : Noise Floor									

NR Band n41 (PC2) DFT-s OFDM

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
10 MHz QPSK ANT B	Company: Samsung Project #: 4791921958 Date: 2025-11-26 Test Engineer: 28775 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 2 Mode: 5G NR_QPSK NR n41 Harmonics, 10MHz Bandwidth Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2501.01MHz									
	5002.02	-74.2	V	3.0	3.2	11.74	-59.3	-25.0	-34.3	
	7503.03	-70.5	V	3.0	8.3	11.74	-50.5	-25.0	-25.5	
	10004.04	-81.1	V	3.0	13.5	11.74	-55.8	-25.0	-30.8	NF
	12505.05	-80.4	V	3.0	18.2	11.74	-50.5	-25.0	-25.5	
	Mid Ch, 2592.99MHz									
	5185.98	-74.4	V	3.0	3.7	11.74	-58.9	-25.0	-33.9	
	7778.97	-72.6	V	3.0	8.9	11.74	-52.0	-25.0	-27.0	
	10371.96	-81.2	V	3.0	14.2	11.74	-55.2	-25.0	-30.2	NF
	12964.95	-80.5	V	3.0	18.4	11.74	-50.3	-25.0	-25.3	
	5185.98	-74.1	H	3.0	3.7	11.74	-58.7	-25.0	-33.7	
	7778.97	-74.5	H	3.0	8.9	11.74	-53.9	-25.0	-28.9	
	10371.96	-81.5	H	3.0	14.2	11.74	-55.6	-25.0	-30.6	NF
	12964.95	-81.0	H	3.0	18.4	11.74	-50.8	-25.0	-25.8	
	High Ch, 2685MHz									
	5370.00	-74.2	V	3.0	4.1	11.74	-58.4	-25.0	-33.4	
	8055.00	-73.9	V	3.0	9.1	11.74	-53.0	-25.0	-28.0	
	10740.00	-81.1	V	3.0	15.0	11.74	-54.3	-25.0	-29.3	NF
	13425.00	-81.1	V	3.0	18.5	11.74	-50.8	-25.0	-25.8	NF
	NF : Noise Floor									
90 MHz SRS2 ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4791921958 Date: 2025-11-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position Location: Chamber 1 Mode: 5G NR n41(SRS) Harmonics, 90MHz Bandwidth Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2541.01MHz									
	5082.02	-75.4	V	3.0	1.9	11.74	-61.7	-25.0	-36.7	
	7623.03	-77.2	V	3.0	6.0	11.74	-59.5	-25.0	-34.5	
	10164.04	-80.7	V	3.0	11.3	11.74	-57.6	-25.0	-32.6	
	5082.02	-75.4	H	3.0	1.9	11.74	-61.7	-25.0	-36.7	
	7623.03	-77.2	H	3.0	6.0	11.74	-59.4	-25.0	-34.4	
	10164.04	-80.6	H	3.0	11.3	11.74	-57.6	-25.0	-32.6	
	Mid Ch, 2592.99MHz									
	5185.98	-75.9	V	3.0	2.2	11.74	-61.9	-25.0	-36.9	
	7778.97	-77.3	V	3.0	6.2	11.74	-59.4	-25.0	-34.4	
	10371.96	-81.1	V	3.0	12.0	11.74	-57.4	-25.0	-32.4	
	5185.98	-75.4	H	3.0	2.2	11.74	-61.5	-25.0	-36.5	
	7778.97	-77.3	H	3.0	6.2	11.74	-59.3	-25.0	-34.3	
	10371.96	-80.6	H	3.0	12.0	11.74	-56.9	-25.0	-31.9	
	High Ch, 2645MHz									
	5290.00	-75.9	V	3.0	2.2	11.74	-61.9	-25.0	-36.9	
	7935.00	-77.7	V	3.0	6.6	11.74	-59.3	-25.0	-34.3	
	10580.00	-80.8	V	3.0	12.2	11.74	-56.9	-25.0	-31.9	
	5290.00	-75.9	H	3.0	2.2	11.74	-61.9	-25.0	-36.9	
	7935.00	-77.6	H	3.0	6.6	11.74	-59.3	-25.0	-34.3	
	10580.00	-80.8	H	3.0	12.2	11.74	-56.9	-25.0	-31.9	
	NF : Noise Floor									

100 MHz SRS3 ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4791921958 Date: 2025-11-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 1 Mode: 5G NR n41(SRS) Harmonics, 100MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2546.01MHz									
	5092.02	-75.0	H	3.0	1.9	11.74	-61.3	-25.0	-36.3	
	7638.03	-75.2	H	3.0	6.0	11.74	-57.4	-25.0	-32.4	
	10184.04	-80.6	H	3.0	11.4	11.74	-57.5	-25.0	-32.5	NF
	12730.05	-80.3	H	3.0	15.2	11.74	-53.3	-25.0	-28.3	
	15276.06	-81.0	H	3.0	16.7	11.74	-52.6	-25.0	-27.6	NF
	Mid Ch, 2592.99MHz									
	5185.98	-75.1	V	3.0	2.2	11.74	-61.1	-25.0	-36.1	NF
	7778.97	-77.1	V	3.0	6.2	11.74	-59.1	-25.0	-34.1	NF
	10371.96	-80.5	V	3.0	12.0	11.74	-56.8	-25.0	-31.8	
	12964.95	-80.0	V	3.0	15.2	11.74	-53.1	-25.0	-28.1	
	15557.94	-81.6	V	3.0	17.1	11.74	-52.7	-25.0	-27.7	
	5185.98	-75.1	H	3.0	2.2	11.74	-61.1	-25.0	-36.1	NF
	7778.97	-77.2	H	3.0	6.2	11.74	-59.2	-25.0	-34.2	NF
	10371.96	-80.6	H	3.0	12.0	11.74	-56.9	-25.0	-31.9	NF
	12964.95	-79.3	H	3.0	15.2	11.74	-52.4	-25.0	-27.4	
	15557.94	-81.6	H	3.0	17.1	11.74	-52.7	-25.0	-27.7	NF
	High Ch, 2640MHz									
	5280.00	-75.9	H	3.0	2.2	11.74	-62.0	-25.0	-37.0	NF
	7920.00	-77.3	H	3.0	6.6	11.74	-58.9	-25.0	-33.9	NF
	10560.00	-81.1	H	3.0	12.2	11.74	-57.2	-25.0	-32.2	NF
NF : Noise Floor										
100 MHz SRS4 ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4791921958 Date: 2025-11-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position Location: Chamber 1 Mode: 5G NR n41(SRS) Harmonics, 100MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2546.01MHz									
	5092.02	-74.1	V	3.0	1.9	11.74	-60.4	-25.0	-35.4	NF
	7638.03	-75.3	V	3.0	6.0	11.74	-57.5	-25.0	-32.5	
	10184.04	-76.7	V	3.0	11.4	11.74	-53.6	-25.0	-28.6	
	5092.02	-74.1	H	3.0	1.9	11.74	-60.4	-25.0	-35.4	
	7638.03	-75.3	H	3.0	6.0	11.74	-57.5	-25.0	-32.5	
	10184.04	-76.8	H	3.0	11.4	11.74	-53.6	-25.0	-28.6	
	Mid Ch, 2592.99MHz									
	5185.98	-74.0	V	3.0	2.2	11.74	-60.1	-25.0	-35.1	
	7778.97	-75.3	V	3.0	6.2	11.74	-57.3	-25.0	-32.3	
	10371.96	-76.6	V	3.0	12.0	11.74	-52.9	-25.0	-27.9	
	5185.98	-74.1	H	3.0	2.2	11.74	-60.1	-25.0	-35.1	
	7778.97	-75.2	H	3.0	6.2	11.74	-57.2	-25.0	-32.2	
	10371.96	-76.6	H	3.0	12.0	11.74	-52.9	-25.0	-27.9	
	High Ch, 2640MHz									
	5280.00	-74.6	V	3.0	2.2	11.74	-60.7	-25.0	-35.7	
	7920.00	-75.5	V	3.0	6.6	11.74	-57.1	-25.0	-32.1	
	10560.00	-76.9	V	3.0	12.2	11.74	-53.0	-25.0	-28.0	
	5280.00	-74.6	H	3.0	2.2	11.74	-60.6	-25.0	-35.6	
	7920.00	-75.5	H	3.0	6.6	11.74	-57.2	-25.0	-32.2	
	10560.00	-76.9	H	3.0	12.2	11.74	-52.9	-25.0	-27.9	
NF : Noise Floor										

NR Band n41 (PC2) DFT-s OFDM

50 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
	Company: Samsung										
	Project #: 4791921958										
	Date: 2025-11-25										
	Test Engineer: 28775										
	Configuration: EUT / AC Adpter, Z-Position										
	Location: Chamber 2										
	Mode: 5G NR_QPSK NR n41 Harmonics, 50MHz Bandwidth										
	Test Votage: AC 120 V, 60 Hz										
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Ch, 2521.01MHz										
	5042.02	-59.8	V	3.0	3.3	11.74	-44.8	-25.0	-19.8		
	7563.03	-68.3	V	3.0	8.3	11.74	-48.2	-25.0	-23.2		
	10084.04	-81.0	V	3.0	13.8	11.74	-55.5	-25.0	-30.5	NF	
	12605.05	-70.6	V	3.0	18.3	11.74	-40.5	-25.0	-15.5		
	15126.06	-80.3	V	3.0	20.8	11.74	-47.8	-25.0	-22.8		
	Mid Ch, 2592.99MHz										
	5185.98	-60.0	V	3.0	3.7	11.74	-44.5	-25.0	-19.5		
	7778.97	-69.5	V	3.0	8.9	11.74	-48.9	-25.0	-23.9		
	10371.96	-81.2	V	3.0	14.2	11.74	-55.3	-25.0	-30.3	NF	
	12964.95	-70.5	V	3.0	18.4	11.74	-40.3	-25.0	-15.3		
	15557.94	-80.9	V	3.0	20.9	11.74	-48.3	-25.0	-23.3		
	5185.98	-77.7	H	3.0	3.7	11.74	-62.2	-25.0	-37.2		
7778.97	-79.8	H	3.0	8.9	11.74	-59.2	-25.0	-34.2			
10371.96	-71.0	H	3.0	14.2	11.74	-45.0	-25.0	-20.0	NF		
12964.95	-71.4	H	3.0	18.4	11.74	-41.2	-25.0	-16.2			
15557.94	-82.5	H	3.0	20.9	11.74	-49.9	-25.0	-24.9	NF		
High Ch, 2665MHz											
5330.00	-67.0	V	3.0	3.9	11.74	-51.3	-25.0	-26.3			
7995.00	-73.2	V	3.0	9.0	11.74	-52.5	-25.0	-27.5			
10660.00	-81.5	V	3.0	14.9	11.74	-54.9	-25.0	-29.9	NF		
13325.00	-75.4	V	3.0	18.6	11.74	-45.0	-25.0	-20.0			
15990.00	-82.3	V	3.0	22.5	11.74	-48.0	-25.0	-23.0			
NF : Noise Floor											

90 MHz SRS2 ANT B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
	Company: Samsung										
	Project #: 4791921958										
	Date: 2025-11-27										
	Test Engineer: 33535										
	Configuration: EUT / AC Adapter, X-Position										
	Location: Chamber 1										
	Mode: 5G NR n41(SRS) Harmonics, 90MHz Bandwidth										
	Test Votage: AC 120 V, 60 Hz										
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Ch, 2541.01MHz										
	5082.02	-76.2	H	3.0	1.9	11.74	-62.5	-25.0	-37.5	NF	
	7623.03	-75.4	H	3.0	6.0	11.74	-57.6	-25.0	-32.6	NF	
	10164.04	-76.8	H	3.0	11.3	11.74	-53.7	-25.0	-28.7	NF	
	Mid Ch, 2592.99MHz										
	5185.98	-74.1	H	3.0	2.2	11.74	-60.2	-25.0	-35.2	NF	
	7778.97	-75.4	H	3.0	6.2	11.74	-57.4	-25.0	-32.4	NF	
	10371.96	-77.0	H	3.0	12.0	11.74	-53.3	-25.0	-28.3	NF	
	High Ch, 2645MHz										
	5290.00	-74.7	V	3.0	2.2	11.74	-60.7	-25.0	-35.7	NF	
	7935.00	-75.7	V	3.0	6.6	11.74	-57.4	-25.0	-32.4	NF	
	10580.00	-76.8	V	3.0	12.2	11.74	-52.9	-25.0	-27.9	NF	
	5290.00	-74.7	H	3.0	2.2	11.74	-60.7	-25.0	-35.7	NF	
7935.00	-75.7	H	3.0	6.6	11.74	-57.4	-25.0	-32.4	NF		
10580.00	-76.8	H	3.0	12.2	11.74	-52.9	-25.0	-27.9	NF		
NF : Noise Floor											

30 MHz SRS3 ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-27									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: 5G NR n41(SRS) Harmonics, 30MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2511.01MHz									
	5022.02	-75.4	H	3.0	1.8	11.74	-61.8	-25.0	-36.8	NF
	7533.03	-77.2	H	3.0	5.8	11.74	-59.7	-25.0	-34.7	NF
	10044.04	-80.5	H	3.0	11.0	11.74	-57.8	-25.0	-32.8	NF
	Mid Ch, 2592.99MHz									
	5185.98	-75.7	H	3.0	2.2	11.74	-61.8	-25.0	-36.8	NF
7778.97	-77.3	H	3.0	6.2	11.74	-59.3	-25.0	-34.3	NF	
10371.96	-80.9	H	3.0	12.0	11.74	-57.2	-25.0	-32.2	NF	
High Ch, 2675MHz										
5350.00	-74.3	V	3.0	2.4	11.74	-60.2	-25.0	-35.2	NF	
8025.00	-77.6	V	3.0	6.8	11.74	-59.1	-25.0	-34.1	NF	
10700.00	-80.5	V	3.0	12.4	11.74	-56.4	-25.0	-31.4	NF	
5350.00	-75.8	H	3.0	2.4	11.74	-61.7	-25.0	-36.7	NF	
8025.00	-77.5	H	3.0	6.8	11.74	-59.0	-25.0	-34.0	NF	
10700.00	-80.5	H	3.0	12.4	11.74	-56.4	-25.0	-31.4	NF	
NF : Noise Floor										

25 MHz SRS4 ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-27									
	Test Engineer: 26087									
	Configuration: EUT / AC Adapter, Y-Position									
	Location: Chamber 1									
	Mode: 5G NR n41(SRS) Harmonics, 25MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2508.51MHz									
	5017.02	-75.4	H	3.0	1.8	11.74	-61.8	-25.0	-36.8	NF
	7525.53	-77.2	H	3.0	5.7	11.74	-59.7	-25.0	-34.7	NF
	10034.04	-80.6	H	3.0	11.0	11.74	-57.9	-25.0	-32.9	NF
	Mid Ch, 2592.99MHz									
	5185.98	-75.8	H	3.0	2.2	11.74	-61.8	-25.0	-36.8	NF
7778.97	-77.3	H	3.0	6.2	11.74	-59.3	-25.0	-34.3	NF	
10371.96	-80.9	H	3.0	12.0	11.74	-57.2	-25.0	-32.2	NF	
High Ch, 2677.5MHz										
5355.00	-75.5	V	3.0	2.4	11.74	-61.4	-25.0	-36.4	NF	
8032.50	-77.6	V	3.0	6.8	11.74	-59.1	-25.0	-34.1	NF	
10710.00	-80.6	V	3.0	12.4	11.74	-56.5	-25.0	-31.5	NF	
5355.00	-75.5	H	3.0	2.4	11.74	-61.4	-25.0	-36.4	NF	
8032.50	-77.7	H	3.0	6.8	11.74	-59.1	-25.0	-34.1	NF	
10710.00	-80.6	H	3.0	12.4	11.74	-56.5	-25.0	-31.5	NF	
NF : Noise Floor										

NR Band n66 DFT-s OFDM

25 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-12-01 Test Engineer: 33535 Configuration: EUT / AC Adapter, X-Position Location: Chamber 1 Mode: 5G NR_QPSK NR n66 Harmonics, 25MHz Bandwidth Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1722.5MHz									
	3445.00	-75.8	H	3.0	-0.6	11.74	-64.7	-13.0	-51.7	NF
	5167.50	-76.1	H	3.0	2.2	11.74	-62.2	-13.0	-49.2	NF
	6890.00	-77.1	H	3.0	4.8	11.74	-60.5	-13.0	-47.5	NF
	Mid Ch, 1745MHz									
	3490.00	-75.4	H	3.0	-0.6	11.74	-64.3	-13.0	-51.3	NF
	5235.00	-75.5	H	3.0	2.3	11.74	-61.5	-13.0	-48.5	NF
	6980.00	-77.3	H	3.0	4.9	11.74	-60.7	-13.0	-47.7	NF
	High Ch, 1767.5MHz									
	3535.00	-75.1	V	3.0	-0.5	11.74	-63.8	-13.0	-50.8	NF
	5302.50	-75.7	V	3.0	2.2	11.74	-61.7	-13.0	-48.7	NF
	7070.00	-77.2	V	3.0	5.0	11.74	-60.4	-13.0	-47.4	NF
	3535.00	-75.0	H	3.0	-0.5	11.74	-63.8	-13.0	-50.8	NF
	5302.50	-75.7	H	3.0	2.2	11.74	-61.7	-13.0	-48.7	NF
	7070.00	-77.1	H	3.0	5.0	11.74	-60.4	-13.0	-47.4	NF
	NF : Noise Floor									
40 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-25 Test Engineer: 28775 Configuration: EUT / AC Adapter, X-Position Location: Chamber 2 Mode: 5G NR_QPSK NR n66 Harmonics, 40MHz Bandwidth Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1730MHz									
	3460.00	-76.7	H	3.0	0.3	11.74	-64.6	-13.0	-51.6	NF
	5190.00	-76.7	H	3.0	3.8	11.74	-61.2	-13.0	-48.2	NF
	6920.00	-77.4	H	3.0	7.2	11.74	-58.5	-13.0	-45.5	NF
	Mid Ch, 1745MHz									
	3490.00	-76.5	H	3.0	0.3	11.74	-64.4	-13.0	-51.4	NF
	5235.00	-76.6	H	3.0	3.8	11.74	-61.0	-13.0	-48.0	NF
	6980.00	-77.4	H	3.0	7.3	11.74	-58.4	-13.0	-45.4	NF
	High Ch, 1760MHz									
	3520.00	-76.2	V	3.0	0.3	11.74	-64.2	-13.0	-51.2	NF
	5280.00	-76.8	V	3.0	3.8	11.74	-61.2	-13.0	-48.2	NF
	7040.00	-77.4	V	3.0	7.5	11.74	-58.2	-13.0	-45.2	NF
	3520.00	-76.2	H	3.0	0.3	11.74	-64.2	-13.0	-51.2	NF
	5280.00	-76.7	H	3.0	3.8	11.74	-61.2	-13.0	-48.2	NF
	7040.00	-77.4	H	3.0	7.5	11.74	-58.2	-13.0	-45.2	NF
	NF : Noise Floor									

NR Band n70 DFT-s OFDM

5 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-12-01									
	Test Engineer: 33535									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 1									
	Mode: 5G NR_QPSK NR n70 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1697.5MHz									
	3395.00	-75.3	H	3.0	-0.7	11.74	-64.2	-13.0	-51.2	NF
	5092.50	-75.5	H	3.0	1.9	11.74	-61.8	-13.0	-48.8	NF
	6790.00	-76.8	H	3.0	4.6	11.74	-60.5	-13.0	-47.5	NF
	Mid Ch, 1702.5MHz									
	3405.00	-75.5	H	3.0	-0.7	11.74	-64.4	-13.0	-51.4	NF
	5107.50	-75.3	H	3.0	2.0	11.74	-61.6	-13.0	-48.6	NF
	6810.00	-76.7	H	3.0	4.6	11.74	-60.4	-13.0	-47.4	NF
High Ch, 1707.5MHz										
3415.00	-75.8	V	3.0	-0.7	11.74	-64.7	-13.0	-51.7	NF	
5122.50	-75.6	V	3.0	2.0	11.74	-61.8	-13.0	-48.8	NF	
6830.00	-76.8	V	3.0	4.7	11.74	-60.4	-13.0	-47.4	NF	
3415.00	-75.6	H	3.0	-0.7	11.74	-64.6	-13.0	-51.6	NF	
5122.50	-75.6	H	3.0	2.0	11.74	-61.8	-13.0	-48.8	NF	
6830.00	-76.7	H	3.0	4.7	11.74	-60.3	-13.0	-47.3	NF	
NF : Noise Floor										

10 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-25									
	Test Engineer: 28775									
	Configuration: EUT / AC Adapter, Y-Position									
	Location: Chamber 2									
	Mode: 5G NR_QPSK NR n70 Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 1700MHz									
	3400.00	-77.4	H	3.0	0.4	11.74	-65.3	-13.0	-52.3	NF
	5100.00	-77.9	H	3.0	3.4	11.74	-62.8	-13.0	-49.8	NF
	6800.00	-79.9	H	3.0	7.0	11.74	-61.2	-13.0	-48.2	NF
	8500.00	-82.1	H	3.0	10.3	11.74	-60.0	-13.0	-47.0	NF
	10200.00	-83.9	H	3.0	14.4	11.74	-57.8	-13.0	-44.8	NF
	Mid Ch, 1702.5MHz									
	3405.00	-77.3	V	3.0	0.4	11.74	-65.2	-13.0	-52.2	NF
	5107.50	-78.2	V	3.0	3.4	11.74	-63.0	-13.0	-50.0	NF
	6810.00	-79.2	V	3.0	7.0	11.74	-60.5	-13.0	-47.5	NF
	8512.50	-82.2	V	3.0	10.3	11.74	-60.2	-13.0	-47.2	NF
	10215.00	-84.0	V	3.0	14.4	11.74	-57.9	-13.0	-44.9	NF
	3405.00	-77.3	H	3.0	0.4	11.74	-65.1	-13.0	-52.1	NF
	5107.50	-77.8	H	3.0	3.4	11.74	-62.7	-13.0	-49.7	NF
	6810.00	-78.7	H	3.0	7.0	11.74	-60.0	-13.0	-47.0	NF
	8512.50	-82.0	H	3.0	10.3	11.74	-60.0	-13.0	-47.0	NF
	10215.00	-83.9	H	3.0	14.4	11.74	-57.8	-13.0	-44.8	NF
High Ch, 1705MHz										
3415.00	-77.4	H	3.0	0.4	11.74	-65.3	-13.0	-52.3	NF	
5122.50	-78.1	H	3.0	3.5	11.74	-62.9	-13.0	-49.9	NF	
6830.00	-79.1	H	3.0	7.0	11.74	-60.3	-13.0	-47.3	NF	
8537.50	-82.4	H	3.0	10.3	11.74	-60.4	-13.0	-47.4	NF	
10245.00	-84.0	H	3.0	14.3	11.74	-57.9	-13.0	-44.9	NF	
NF : Noise Floor										

NR Band n71 DFT-s OFDM

5 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-21									
	Test Engineer: 24542									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 2									
	Mode: 5G NR_QPSK NR n71 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	Low Ch, 665.5MHz									
	1331.00	-67.1	H	3.0	-5.7	11.74	-61.0	-13.0	-48.0	
	1996.50	-75.7	H	3.0	-3.1	11.74	-67.1	-13.0	-54.1	
	2662.00	-76.1	H	3.0	-1.3	11.74	-65.7	-13.0	-52.7	NF
	3327.50	-77.2	H	3.0	0.0	11.74	-65.5	-13.0	-52.5	NF
	Mid Ch, 680.5MHz									
	1361.00	-71.3	V	3.0	-5.8	11.74	-65.4	-13.0	-52.4	
	2041.50	-75.2	V	3.0	-2.9	11.74	-66.4	-13.0	-53.4	
	2722.00	-76.7	V	3.0	-1.2	11.74	-66.2	-13.0	-53.2	NF
	3402.50	-77.7	V	3.0	0.4	11.74	-65.6	-13.0	-52.6	NF
	1361.00	-69.2	H	3.0	-5.8	11.74	-63.3	-13.0	-50.3	
	2041.50	-66.9	H	3.0	-2.9	11.74	-58.1	-13.0	-45.1	
	2722.00	-76.8	H	3.0	-1.2	11.74	-66.3	-13.0	-53.3	NF
	3402.50	-77.8	H	3.0	0.4	11.74	-65.7	-13.0	-52.7	NF
	High Ch, 695.5MHz									
	1391.00	-71.7	H	3.0	-6.0	11.74	-65.9	-13.0	-52.9	
	2086.50	-75.8	H	3.0	-2.7	11.74	-66.7	-13.0	-53.7	
	2782.00	-76.7	H	3.0	-1.3	11.74	-66.3	-13.0	-53.3	NF
	3477.50	-77.6	H	3.0	0.3	11.74	-65.6	-13.0	-52.6	NF
	NF : Noise Floor									
5 MHz QPSK ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-24									
	Test Engineer: 28775									
	Configuration: EUT / AC Adapter, Y-Position									
	Location: Chamber 2									
	Mode: 5G NR_QPSK NR n71 Harmonics, 5MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	Low Ch, 665.5MHz									
	1331.00	-62.9	V	3.0	-5.7	11.74	-56.8	-13.0	-43.8	
	1996.50	-67.7	V	3.0	-3.1	11.74	-59.1	-13.0	-46.1	
	2662.00	-76.5	V	3.0	-1.3	11.74	-66.1	-13.0	-53.1	
	3327.50	-77.2	V	3.0	0.0	11.74	-65.5	-13.0	-52.5	
	3993.00	-77.8	V	3.0	1.4	11.74	-64.7	-13.0	-51.7	NF
	1331.00	-62.5	H	3.0	-5.7	11.74	-56.4	-13.0	-43.4	
	1996.50	-64.2	H	3.0	-3.1	11.74	-55.6	-13.0	-42.6	
	2662.00	-76.5	H	3.0	-1.3	11.74	-66.0	-13.0	-53.0	
	3327.50	-77.1	H	3.0	0.0	11.74	-65.4	-13.0	-52.4	
	3993.00	-77.8	H	3.0	1.4	11.74	-64.7	-13.0	-51.7	NF
	Mid Ch, 680.5MHz									
	1361.00	-68.4	H	3.0	-5.8	11.74	-62.5	-13.0	-49.5	
	2041.50	-66.2	H	3.0	-2.9	11.74	-57.3	-13.0	-44.3	
	2722.00	-76.6	H	3.0	-1.2	11.74	-66.1	-13.0	-53.1	
	3402.50	-77.8	H	3.0	0.4	11.74	-65.7	-13.0	-52.7	
	4083.00	-77.3	H	3.0	1.7	11.74	-63.9	-13.0	-50.9	NF
	High Ch, 695.5MHz									
	1391.00	-71.7	H	3.0	-6.0	11.74	-65.9	-13.0	-52.9	
	2086.50	-75.8	H	3.0	-2.7	11.74	-66.7	-13.0	-53.7	
	2782.00	-76.0	H	3.0	-1.3	11.74	-65.6	-13.0	-52.6	
	3477.50	-77.2	H	3.0	0.3	11.74	-65.1	-13.0	-52.1	
	4173.00	-77.1	H	3.0	1.7	11.74	-63.6	-13.0	-50.6	NF
	NF : Noise Floor									

NR Band n77 (PC2, 3450-3550 MHz) DFT-s OFDM

100 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-27 Test Engineer: 28775 Configuration: EUT / AC Adapter, X-Position Location: Chamber 2 Mode: 5G NR_QPSK NR n77 LO Harmonics, 100MHz Bandwidth Test Votage: AC 120 V, 60 Hz <table><thead><tr><th>f MHz</th><th>SA reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>AFCL (dB/m)</th><th>Conversion Factor(dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr></thead><tbody><tr><td colspan="10">Mid Ch, 3499.98MHz</td></tr><tr><td>6999.96</td><td>-77.1</td><td>V</td><td>3.0</td><td>7.3</td><td>11.74</td><td>-58.0</td><td>-13.0</td><td>-45.0</td><td>NF</td></tr><tr><td>10499.94</td><td>-81.2</td><td>V</td><td>3.0</td><td>14.7</td><td>11.74</td><td>-54.7</td><td>-13.0</td><td>-41.7</td><td>NF</td></tr><tr><td>13999.92</td><td>-82.1</td><td>V</td><td>3.0</td><td>18.7</td><td>11.74</td><td>-51.6</td><td>-13.0</td><td>-38.6</td><td>NF</td></tr><tr><td>6999.96</td><td>-77.2</td><td>H</td><td>3.0</td><td>7.3</td><td>11.74</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td>NF</td></tr><tr><td>10499.94</td><td>-82.1</td><td>H</td><td>3.0</td><td>14.7</td><td>11.74</td><td>-55.6</td><td>-13.0</td><td>-42.6</td><td>NF</td></tr><tr><td>13999.92</td><td>-82.2</td><td>H</td><td>3.0</td><td>18.7</td><td>11.74</td><td>-51.7</td><td>-13.0</td><td>-38.7</td><td>NF</td></tr><tr><td colspan="10">NF : Noise Floor</td></tr></tbody></table>										f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Mid Ch, 3499.98MHz										6999.96	-77.1	V	3.0	7.3	11.74	-58.0	-13.0	-45.0	NF	10499.94	-81.2	V	3.0	14.7	11.74	-54.7	-13.0	-41.7	NF	13999.92	-82.1	V	3.0	18.7	11.74	-51.6	-13.0	-38.6	NF	6999.96	-77.2	H	3.0	7.3	11.74	-58.2	-13.0	-45.2	NF	10499.94	-82.1	H	3.0	14.7	11.74	-55.6	-13.0	-42.6	NF	13999.92	-82.2	H	3.0	18.7	11.74	-51.7	-13.0	-38.7	NF	NF : Noise Floor									
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100 MHz SRS2 ANT C	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position Location: Chamber 1 Mode: 5G NR n77 LO(SRS) Harmonics, 100MHz Bandwidth Test Votage: AC 120 V, 60 Hz <table><thead><tr><th>f MHz</th><th>SA reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>AFCL (dB/m)</th><th>Conversion Factor(dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr></thead><tbody><tr><td colspan="10">Mid Ch, 3499.98MHz</td></tr><tr><td>6999.96</td><td>-74.9</td><td>V</td><td>3.0</td><td>4.9</td><td>11.74</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td></td></tr><tr><td>10499.94</td><td>-76.9</td><td>V</td><td>3.0</td><td>12.1</td><td>11.74</td><td>-53.0</td><td>-13.0</td><td>-40.0</td><td></td></tr><tr><td>13999.92</td><td>-75.9</td><td>V</td><td>3.0</td><td>15.0</td><td>11.74</td><td>-49.2</td><td>-13.0</td><td>-36.2</td><td></td></tr><tr><td>6999.96</td><td>-74.9</td><td>H</td><td>3.0</td><td>4.9</td><td>11.74</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td></td></tr><tr><td>10499.94</td><td>-76.9</td><td>H</td><td>3.0</td><td>12.1</td><td>11.74</td><td>-53.1</td><td>-13.0</td><td>-40.1</td><td></td></tr><tr><td>13999.92</td><td>-76.0</td><td>H</td><td>3.0</td><td>15.0</td><td>11.74</td><td>-49.2</td><td>-13.0</td><td>-36.2</td><td></td></tr><tr><td colspan="10">NF : Noise Floor</td></tr></tbody></table>										f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Mid Ch, 3499.98MHz										6999.96	-74.9	V	3.0	4.9	11.74	-58.2	-13.0	-45.2		10499.94	-76.9	V	3.0	12.1	11.74	-53.0	-13.0	-40.0		13999.92	-75.9	V	3.0	15.0	11.74	-49.2	-13.0	-36.2		6999.96	-74.9	H	3.0	4.9	11.74	-58.2	-13.0	-45.2		10499.94	-76.9	H	3.0	12.1	11.74	-53.1	-13.0	-40.1		13999.92	-76.0	H	3.0	15.0	11.74	-49.2	-13.0	-36.2		NF : Noise Floor									
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100 MHz SRS3 ANT I	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-27 Test Engineer: 26087 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 1 Mode: 5G NR n77 LO(SRS) Harmonics, 100MHz Bandwidth Test Votage: AC 120 V, 60 Hz <table><tr><th>f MHz</th><th>SA reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>AFCL (dB/m)</th><th>Conversion Factor(dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr><tr><td colspan="10">Mid Ch, 3499.98MHz</td></tr><tr><td>6999.96</td><td>-74.9</td><td>V</td><td>3.0</td><td>4.9</td><td>11.74</td><td>-58.3</td><td>-13.0</td><td>-45.3</td><td></td></tr><tr><td>10499.94</td><td>-76.8</td><td>V</td><td>3.0</td><td>12.1</td><td>11.74</td><td>-53.0</td><td>-13.0</td><td>-40.0</td><td></td></tr><tr><td>13999.92</td><td>-76.0</td><td>V</td><td>3.0</td><td>15.0</td><td>11.74</td><td>-49.2</td><td>-13.0</td><td>-36.2</td><td></td></tr><tr><td>6999.96</td><td>-74.9</td><td>H</td><td>3.0</td><td>4.9</td><td>11.74</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td></td></tr><tr><td>10499.94</td><td>-76.8</td><td>H</td><td>3.0</td><td>12.1</td><td>11.74</td><td>-53.0</td><td>-13.0</td><td>-40.0</td><td></td></tr><tr><td>13999.92</td><td>-75.9</td><td>H</td><td>3.0</td><td>15.0</td><td>11.74</td><td>-49.2</td><td>-13.0</td><td>-36.2</td><td></td></tr><tr><td colspan="10">NF : Noise Floor</td></tr></table>										f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Mid Ch, 3499.98MHz										6999.96	-74.9	V	3.0	4.9	11.74	-58.3	-13.0	-45.3		10499.94	-76.8	V	3.0	12.1	11.74	-53.0	-13.0	-40.0		13999.92	-76.0	V	3.0	15.0	11.74	-49.2	-13.0	-36.2		6999.96	-74.9	H	3.0	4.9	11.74	-58.2	-13.0	-45.2		10499.94	-76.8	H	3.0	12.1	11.74	-53.0	-13.0	-40.0		13999.92	-75.9	H	3.0	15.0	11.74	-49.2	-13.0	-36.2		NF : Noise Floor																													
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	13999.92	-75.9	H	3.0	15.0	11.74	-49.2	-13.0	-36.2																																																																																																															
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100 MHz SRS4 ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-28 Test Engineer: 26087 Configuration: EUT / Y-Position Location: Chamber 1 Mode: 5G NR n77 LO(SRS) Harmonics, 100MHz Bandwidth Test Votage: AC 120 V, 60 Hz <table><tr><th>f MHz</th><th>SA reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>AFCL (dB/m)</th><th>Conversion Factor(dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr><tr><td colspan="10">Mid Ch, 3499.98MHz</td></tr><tr><td>6999.96</td><td>-74.8</td><td>V</td><td>3.0</td><td>4.9</td><td>11.74</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td>NF</td></tr><tr><td>10499.94</td><td>-74.5</td><td>V</td><td>3.0</td><td>12.1</td><td>11.74</td><td>-50.7</td><td>-13.0</td><td>-37.7</td><td></td></tr><tr><td>13999.92</td><td>-75.9</td><td>V</td><td>3.0</td><td>15.0</td><td>11.74</td><td>-49.2</td><td>-13.0</td><td>-36.2</td><td>NF</td></tr><tr><td>17499.90</td><td>-75.7</td><td>V</td><td>3.0</td><td>19.3</td><td>11.74</td><td>-44.6</td><td>-13.0</td><td>-31.6</td><td>NF</td></tr><tr><td>6999.96</td><td>-74.8</td><td>H</td><td>3.0</td><td>4.9</td><td>11.74</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td>NF</td></tr><tr><td>10499.94</td><td>-76.6</td><td>H</td><td>3.0</td><td>12.1</td><td>11.74</td><td>-52.7</td><td>-13.0</td><td>-39.7</td><td></td></tr><tr><td>13999.92</td><td>-76.0</td><td>H</td><td>3.0</td><td>15.0</td><td>11.74</td><td>-49.2</td><td>-13.0</td><td>-36.2</td><td>NF</td></tr><tr><td>17499.90</td><td>-75.7</td><td>H</td><td>3.0</td><td>19.3</td><td>11.74</td><td>-44.6</td><td>-13.0</td><td>-31.6</td><td>NF</td></tr><tr><td colspan="10">NF : Noise Floor</td></tr></table>										f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Mid Ch, 3499.98MHz										6999.96	-74.8	V	3.0	4.9	11.74	-58.2	-13.0	-45.2	NF	10499.94	-74.5	V	3.0	12.1	11.74	-50.7	-13.0	-37.7		13999.92	-75.9	V	3.0	15.0	11.74	-49.2	-13.0	-36.2	NF	17499.90	-75.7	V	3.0	19.3	11.74	-44.6	-13.0	-31.6	NF	6999.96	-74.8	H	3.0	4.9	11.74	-58.2	-13.0	-45.2	NF	10499.94	-76.6	H	3.0	12.1	11.74	-52.7	-13.0	-39.7		13999.92	-76.0	H	3.0	15.0	11.74	-49.2	-13.0	-36.2	NF	17499.90	-75.7	H	3.0	19.3	11.74	-44.6	-13.0	-31.6	NF	NF : Noise Floor									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes																																																																																																														
	Mid Ch, 3499.98MHz																																																																																																																							
	6999.96	-74.8	V	3.0	4.9	11.74	-58.2	-13.0	-45.2	NF																																																																																																														
	10499.94	-74.5	V	3.0	12.1	11.74	-50.7	-13.0	-37.7																																																																																																															
	13999.92	-75.9	V	3.0	15.0	11.74	-49.2	-13.0	-36.2	NF																																																																																																														
	17499.90	-75.7	V	3.0	19.3	11.74	-44.6	-13.0	-31.6	NF																																																																																																														
	6999.96	-74.8	H	3.0	4.9	11.74	-58.2	-13.0	-45.2	NF																																																																																																														
	10499.94	-76.6	H	3.0	12.1	11.74	-52.7	-13.0	-39.7																																																																																																															
	13999.92	-76.0	H	3.0	15.0	11.74	-49.2	-13.0	-36.2	NF																																																																																																														
17499.90	-75.7	H	3.0	19.3	11.74	-44.6	-13.0	-31.6	NF																																																																																																															
NF : Noise Floor																																																																																																																								

NR Band n77 (PC2, 3700-3980 MHz) DFT-s OFDM

50 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-25									
	Test Engineer: 28775									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 2									
	Mode: 5G NR_QPSK NR n77 UP Harmonics, 50MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3725MHz									
	7450.00	-77.1	H	3.0	8.2	11.74	-57.2	-13.0	-44.2	NF
	11175.00	-80.9	H	3.0	15.8	11.74	-53.3	-13.0	-40.3	NF
	14900.00	-81.6	H	3.0	20.6	11.74	-49.2	-13.0	-36.2	NF
	Mid Ch, 3840MHz									
	7680.00	-77.3	H	3.0	8.6	11.74	-57.0	-13.0	-44.0	NF
	11520.00	-81.3	H	3.0	16.6	11.74	-53.0	-13.0	-40.0	NF
	15360.00	-82.0	H	3.0	20.9	11.74	-49.3	-13.0	-36.3	NF
	High Ch, 3955MHz									
	7910.00	-78.0	V	3.0	9.1	11.74	-57.1	-13.0	-44.1	NF
11865.00	-81.8	V	3.0	16.9	11.74	-53.2	-13.0	-40.2	NF	
15820.00	-82.2	V	3.0	21.8	11.74	-48.6	-13.0	-35.6	NF	
7910.00	-77.9	H	3.0	9.1	11.74	-57.0	-13.0	-44.0	NF	
11865.00	-81.8	H	3.0	16.9	11.74	-53.1	-13.0	-40.1	NF	
15820.00	-81.7	H	3.0	21.8	11.74	-48.1	-13.0	-35.1	NF	
NF : Noise Floor										
50 MHz SRS2 ANT C	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791921958									
	Date: 2025-11-28									
	Test Engineer: 33535									
	Configuration: EUT / AC Adapter, Z-Position									
	Location: Chamber 1									
	Mode: 5G NR n77 UP(SRS) Harmonics, 50MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3725MHz									
	7450.00	-76.7	H	3.0	5.5	11.74	-59.5	-13.0	-46.5	
	11175.00	-81.4	H	3.0	13.1	11.74	-56.6	-13.0	-43.6	NF
	14900.00	-81.1	H	3.0	16.7	11.74	-52.6	-13.0	-39.6	NF
	Mid Ch, 3840MHz									
	7680.00	-77.5	H	3.0	6.1	11.74	-59.7	-13.0	-46.7	
	11520.00	-81.1	H	3.0	13.6	11.74	-55.7	-13.0	-42.7	NF
	15360.00	-81.4	H	3.0	16.7	11.74	-52.9	-13.0	-39.9	NF
	High Ch, 3955MHz									
	7910.00	-76.7	V	3.0	6.6	11.74	-58.3	-13.0	-45.3	
11865.00	-81.1	V	3.0	14.3	11.74	-55.1	-13.0	-42.1		
15820.00	-81.6	V	3.0	17.4	11.74	-52.5	-13.0	-39.5	NF	
7910.00	-76.3	H	3.0	6.6	11.74	-57.9	-13.0	-44.9		
11865.00	-81.0	H	3.0	14.3	11.74	-55.0	-13.0	-42.0		
15820.00	-81.7	H	3.0	17.4	11.74	-52.5	-13.0	-39.5	NF	
NF : Noise Floor										

100 MHz SRS3 ANT I	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-28 Test Engineer: 33535 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 1 Mode: 5G NR n77 UP(SRS) Harmonics, 100MHz Bandwidth Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3750MHz									
	7500.00	-76.8	V	3.0	5.7	11.74	-59.4	-13.0	-46.4	NF
	11250.00	-81.4	V	3.0	13.2	11.74	-56.5	-13.0	-43.5	NF
	15000.00	-81.1	V	3.0	16.5	11.74	-52.8	-13.0	-39.8	NF
	7500.00	-76.8	H	3.0	5.7	11.74	-59.4	-13.0	-46.4	NF
	11250.00	-81.5	H	3.0	13.2	11.74	-56.5	-13.0	-43.5	NF
	15000.00	-81.0	H	3.0	16.5	11.74	-52.8	-13.0	-39.8	NF
	Mid Ch, 3840MHz									
	7680.00	-77.2	V	3.0	6.1	11.74	-59.4	-13.0	-46.4	NF
	11520.00	-81.4	V	3.0	13.6	11.74	-56.0	-13.0	-43.0	NF
	15360.00	-81.4	V	3.0	16.7	11.74	-52.9	-13.0	-39.9	NF
	7680.00	-77.2	H	3.0	6.1	11.74	-59.4	-13.0	-46.4	NF
	11520.00	-81.4	H	3.0	13.6	11.74	-56.0	-13.0	-43.0	NF
	15360.00	-81.4	H	3.0	16.7	11.74	-52.9	-13.0	-39.9	NF
	High Ch, 3930MHz									
	7860.00	-77.4	V	3.0	6.5	11.74	-59.2	-13.0	-46.2	NF
	11790.00	-81.1	V	3.0	14.2	11.74	-55.2	-13.0	-42.2	NF
	15720.00	-81.6	V	3.0	17.5	11.74	-52.4	-13.0	-39.4	NF
	7860.00	-77.4	H	3.0	6.5	11.74	-59.2	-13.0	-46.2	NF
	11790.00	-81.2	H	3.0	14.2	11.74	-55.2	-13.0	-42.2	NF
	15720.00	-81.7	H	3.0	17.5	11.74	-52.5	-13.0	-39.5	NF
	NF : Noise Floor									
50 MHz SRS4 ANT D	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791921958 Date: 2025-11-28 Test Engineer: 33535 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 1 Mode: 5G NR n77 UP(SRS) Harmonics, 50MHz Bandwidth Test Voltage: AC 120 V, 60 Hz									
	f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	AFCL (dB/m)	Conversion Factor(dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3725MHz									
	7450.00	-76.7	V	3.0	5.5	11.74	-59.5	-13.0	-46.5	NF
	11175.00	-81.4	V	3.0	13.1	11.74	-56.5	-13.0	-43.5	NF
	14900.00	-81.1	V	3.0	16.7	11.74	-52.6	-13.0	-39.6	NF
	7450.00	-76.7	H	3.0	5.5	11.74	-59.5	-13.0	-46.5	NF
	11175.00	-81.4	H	3.0	13.1	11.74	-56.6	-13.0	-43.6	NF
	14900.00	-81.1	H	3.0	16.7	11.74	-52.7	-13.0	-39.7	NF
	Mid Ch, 3840MHz									
	7680.00	-77.6	V	3.0	6.1	11.74	-59.8	-13.0	-46.8	NF
	11520.00	-81.1	V	3.0	13.6	11.74	-55.7	-13.0	-42.7	NF
	15360.00	-81.4	V	3.0	16.7	11.74	-52.9	-13.0	-39.9	NF
	7680.00	-77.6	H	3.0	6.1	11.74	-59.8	-13.0	-46.8	NF
	11520.00	-81.2	H	3.0	13.6	11.74	-55.8	-13.0	-42.8	NF
	15360.00	-81.4	H	3.0	16.7	11.74	-53.0	-13.0	-40.0	NF
	High Ch, 3955MHz									
	7910.00	-77.8	V	3.0	6.6	11.74	-59.5	-13.0	-46.5	NF
	11865.00	-81.2	V	3.0	14.3	11.74	-55.1	-13.0	-42.1	NF
	15820.00	-81.6	V	3.0	17.4	11.74	-52.4	-13.0	-39.4	NF
	7910.00	-77.9	H	3.0	6.6	11.74	-59.5	-13.0	-46.5	NF
	11865.00	-81.2	H	3.0	14.3	11.74	-55.1	-13.0	-42.1	NF
	15820.00	-81.6	H	3.0	17.4	11.74	-52.5	-13.0	-39.5	NF
	NF : Noise Floor									

END OF REPORT

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