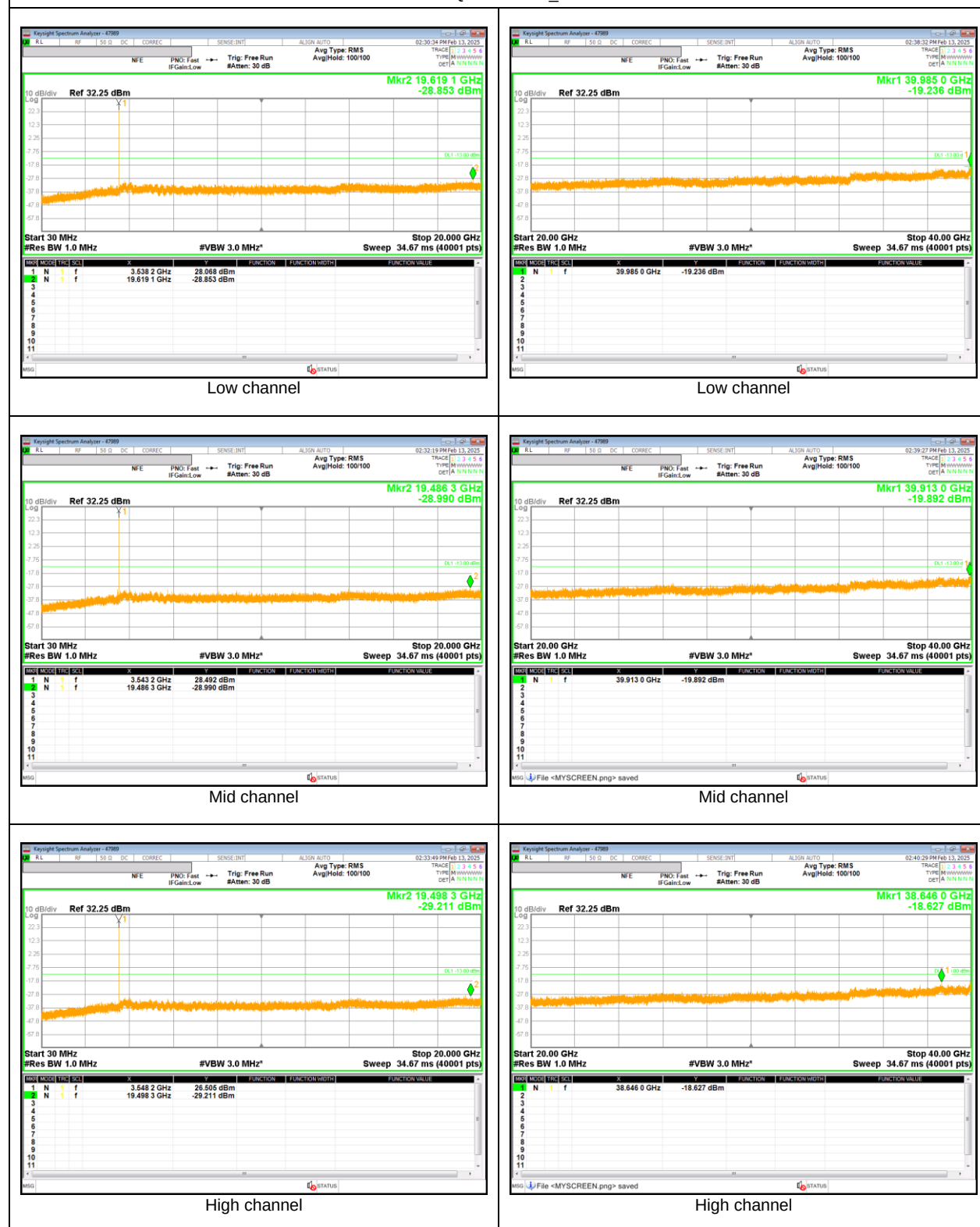


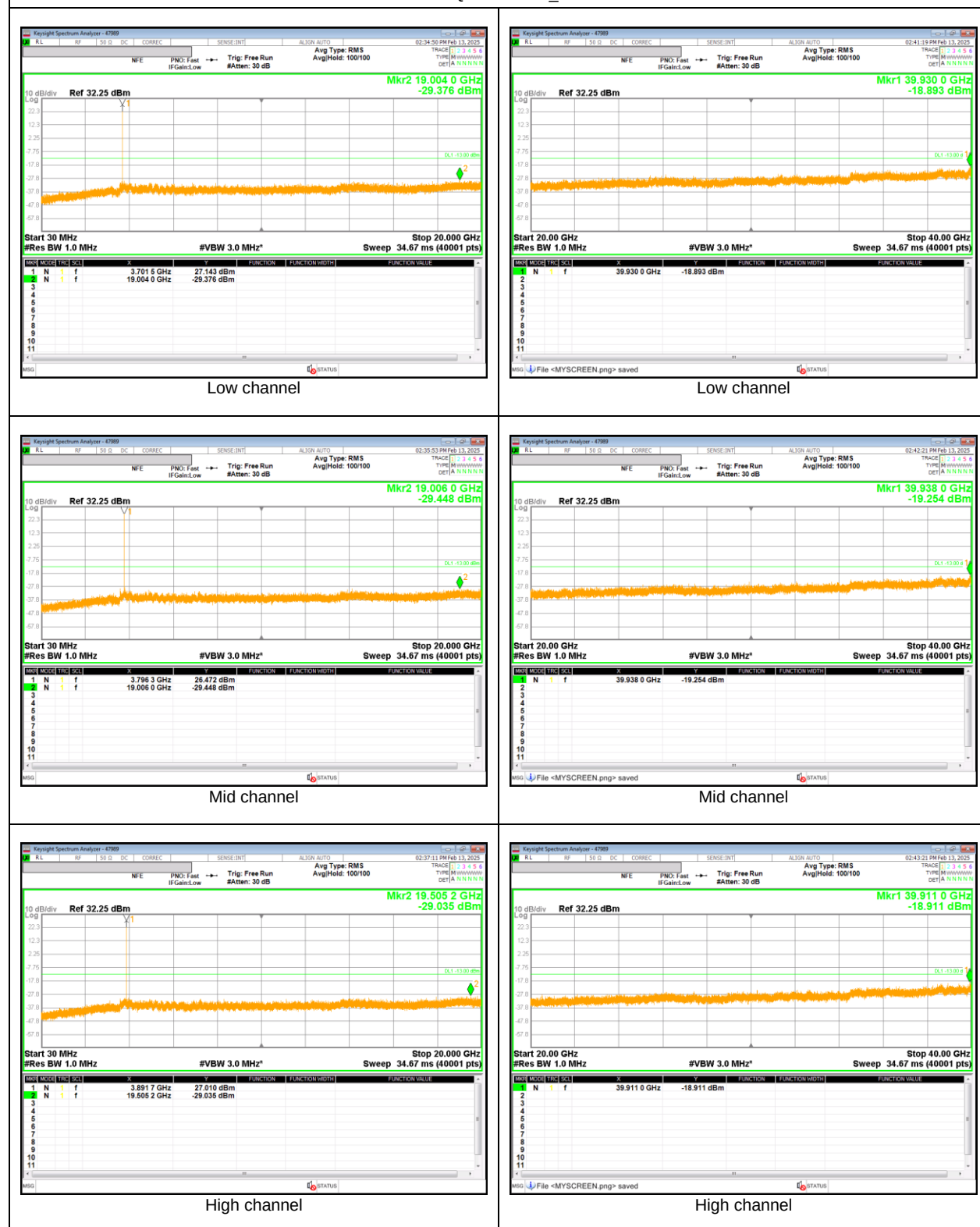
NR NR Band n77 (PC2, 3450-3550 MHz) (ANT F)

90 MHz QPSK DFT-s_OFDM



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

90 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: HSDPA / Highest Frequency: HSDPA) (ANT A)

Test Date	2025-02-04
Test Engineer	47989

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	1710.3204	1754.6786		
Extreme (50C)		1710.3204	1754.6786	48.6	0.028
Extreme (40C)		1710.3204	1754.6786	44.1	0.025
Extreme (30C)		1710.3204	1754.6786	42.6	0.025
Extreme (10C)		1710.3204	1754.6786	38.4	0.022
Extreme (0C)		1710.3204	1754.6786	36.6	0.021
Extreme (-10C)		1710.3204	1754.6786	28.5	0.016
Extreme (-20C)		1710.3204	1754.6786	25.3	0.015
Extreme (-30C)		1710.3204	1754.6786	26.1	0.015
20C	15%	1710.3204	1754.6786	43.8	0.025
	-15%	1710.3204	1754.6786	21.3	0.012
	End Point	1710.3204	1754.6786	15.9	0.009

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

Test Date	2025-01-09
Test Engineer	47989

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	699.1546	715.8487		
Extreme (50C)		699.1546	715.8487	41.2	0.058
Extreme (40C)		699.1546	715.8487	38.5	0.054
Extreme (30C)		699.1546	715.8487	36.6	0.052
Extreme (10C)		699.1546	715.8487	33.3	0.047
Extreme (0C)		699.1546	715.8487	28.5	0.040
Extreme (-10C)		699.1546	715.8487	29.1	0.041
Extreme (-20C)		699.1546	715.8487	24.6	0.035
Extreme (-30C)		699.1546	715.8487	23.3	0.033
20C	15%	699.1546	715.8487	40.5	0.057
	-15%	699.1546	715.8487	20.3	0.029
	End Point	699.1546	715.8487	18.5	0.026

LTE Band 13 (Lowest Frequency: 16QAM / Highest Frequency: 16QAM) (ANT A)

Test Date	2025-01-10
Test Engineer	47989

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	777.2559	786.7428	52.6	0.067
Extreme (50C)		777.2559	786.7428		
Extreme (40C)		777.2559	786.7428		
Extreme (30C)		777.2559	786.7428		
Extreme (10C)		777.2559	786.7428		
Extreme (0C)		777.2559	786.7428		
Extreme (-10C)		777.2559	786.7428		
Extreme (-20C)		777.2559	786.7428		
Extreme (-30C)		777.2559	786.7428		
20C	15%	777.2559	786.7428	43.6	0.056
	-15%	777.2559	786.7428	21.3	0.027
	End Point	777.2559	786.7428	20.5	0.026

LTE Band 41 (PC2, Lowest Frequency: QPSK / Highest Frequency: QPSK) (ANT F)

Test Date	2025-01-15
Test Engineer	47989

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	2496.2601	2689.7462	42.6	0.016
Extreme (50C)		2496.2601	2689.7462		
Extreme (40C)		2496.2601	2689.7462		
Extreme (30C)		2496.2601	2689.7462		
Extreme (10C)		2496.2601	2689.7462		
Extreme (0C)		2496.2601	2689.7462		
Extreme (-10C)		2496.2601	2689.7462		
Extreme (-20C)		2496.2601	2689.7462		
Extreme (-30C)		2496.2601	2689.7462		
20C	15%	2496.2601	2689.7462	38.6	0.015
	-15%	2496.2601	2689.7462	20.3	0.008
	End Point	2496.2601	2689.7462	18.5	0.007

LTE Band 66 (Lowest Frequency: QPSK / Highest Frequency: QPSK) (ANT F)

Test Date	2025-01-16
Test Engineer	47989

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	1710.1565	1779.8435	52.1	0.030
Extreme (50C)		1710.1566	1779.8436		
Extreme (40C)		1710.1565	1779.8435		
Extreme (30C)		1710.1565	1779.8435		
Extreme (10C)		1710.1565	1779.8435		
Extreme (0C)		1710.1565	1779.8435		
Extreme (-10C)		1710.1565	1779.8435		
Extreme (-20C)		1710.1565	1779.8435		
Extreme (-30C)		1710.1565	1779.8435		
20C	15%	1710.1566	1779.8435	38.6	0.022
	-15%	1710.1565	1779.8435	21.4	0.012
	End Point	1710.1565	1779.8435	20.8	0.012

NR Band n41 (PC3, Lowest Frequency: 16QAM / Highest Frequency: QPSK) (ANT F)

Test Date	2025-01-21
Test Engineer	47989

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	2496.7012	2689.3085		
Extreme (50C)		2496.7012	2689.3085	46.9	0.018
Extreme (40C)		2496.7012	2689.3085	42.5	0.016
Extreme (30C)		2496.7012	2689.3085	38.9	0.015
Extreme (10C)		2496.7012	2689.3085	40.1	0.015
Extreme (0C)		2496.7012	2689.3085	36.3	0.014
Extreme (-10C)		2496.7012	2689.3085	31.5	0.012
Extreme (-20C)		2496.7012	2689.3085	28.6	0.011
Extreme (-30C)		2496.7012	2689.3085	24.5	0.009
20C	15%	2496.7012	2689.3085	41.3	0.016
	-15%	2496.7012	2689.3085	23.6	0.009
	End Point	2496.7012	2689.3085	21.5	0.008

NR Band n66 (Lowest Frequency: 16QAM / Highest Frequency: QPSK) (ANT F)

Test Date	2025-01-22
Test Engineer	47989

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	1710.2560	1779.7444		
Extreme (50C)		1710.2560	1779.7444	49.5	0.028
Extreme (40C)		1710.2560	1779.7444	43.1	0.025
Extreme (30C)		1710.2560	1779.7444	40.8	0.023
Extreme (10C)		1710.2560	1779.7444	39.5	0.023
Extreme (0C)		1710.2560	1779.7444	35.8	0.021
Extreme (-10C)		1710.2560	1779.7444	36.1	0.021
Extreme (-20C)		1710.2560	1779.7444	33.7	0.019
Extreme (-30C)		1710.2560	1779.7444	31.5	0.018
20C	15%	1710.2560	1779.7444	44.2	0.025
	-15%	1710.2560	1779.7444	28.5	0.016
	End Point	1710.2560	1779.7444	26.1	0.015

NR Band n77 (PC2, 3450-3550 MHz) (Lowest Frequency: 16QAM / Highest Frequency: 16QAM)
(ANT F)

Test Date	2025-01-23
Test Engineer	47989

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	3450.7027	3549.2921		
Extreme (50C)		3450.7027	3549.2921	47.5	0.014
Extreme (40C)		3450.7027	3549.2921	44.1	0.013
Extreme (30C)		3450.7027	3549.2921	42.8	0.012
Extreme (10C)		3450.7027	3549.2921	39.4	0.011
Extreme (0C)		3450.7027	3549.2921	36.8	0.011
Extreme (-10C)		3450.7027	3549.2921	34.2	0.010
Extreme (-20C)		3450.7027	3549.2921	33.8	0.010
Extreme (-30C)		3450.7027	3549.2921	30.5	0.009
20C	15%	3450.7027	3549.2921	46.5	0.013
	-15%	3450.7027	3549.2921	31.6	0.009
	End Point	3450.7027	3549.2921	28.5	0.008

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

Test Date	2025-01-23
Test Engineer	47989

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	3700.6963	3979.2954		
Extreme (50C)		3700.6963	3979.2954	46.9	0.012
Extreme (40C)		3700.6963	3979.2954	44.2	0.012
Extreme (30C)		3700.6963	3979.2954	42.1	0.011
Extreme (10C)		3700.6963	3979.2954	38.9	0.010
Extreme (0C)		3700.6963	3979.2954	36.7	0.010
Extreme (-10C)		3700.6963	3979.2954	32.4	0.008
Extreme (-20C)		3700.6963	3979.2954	28.2	0.007
Extreme (-30C)		3700.6963	3979.2954	25.9	0.007
20C	15%	3700.6963	3979.2954	42.9	0.011
	-15%	3700.6963	3979.2954	26.1	0.007
	End Point	3700.6963	3979.2954	22.3	0.006

9. RADIATED RESULTS

9.1. RADIATED POWER (ERP & EIRP)

RULE PART(S)

FCC: §2.1046, §27.50

LIMITS

§27.50:

(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.

(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 $\geq$ OBW;
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span $\geq 2 \times$ RBW;
- d) Sweep time = auto couple or 1 second;
- e) Detector = rms;
- f) Ensure that the number of measurement points $\geq$ span/RBW;
- g) Trace Mode = max hold(WCDMA), average(LTE, 5G NR);

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 (mW)	Limit (dBm)	Delta (dB)
Band 4	REL99	1712.40	17.97	H	4.32	9.47	23.12	205.12	30.00	-6.88
		1732.60	17.37	H	4.35	9.54	22.56	180.30	30.00	-7.44
		1752.60	17.16	H	4.37	9.60	22.39	173.38	30.00	-7.61
	HSDPA	1712.40	17.00	H	4.32	9.47	22.15	164.06	30.00	-7.85
		1732.60	16.13	H	4.35	9.54	21.32	135.52	30.00	-8.68
		1752.60	16.00	H	4.37	9.60	21.23	132.74	30.00	-8.77

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 (mW)	Limit (dBm)	Delta (dB)	RB
10	QPSK	704.00	21.81	H	2.79	-1.34	17.68	58.61	34.77	-17.09	1/25
		707.50	21.64	H	2.80	-1.34	17.50	56.23	34.77	-17.27	1/25
		711.00	21.69	H	2.81	-1.33	17.55	56.89	34.77	-17.22	1/0
	16-QAM	704.00	20.92	H	2.79	-1.34	16.79	47.75	34.77	-17.98	1/25
		707.50	20.70	H	2.80	-1.34	16.56	45.29	34.77	-18.21	1/25
		711.00	20.92	H	2.81	-1.33	16.78	47.64	34.77	-17.99	1/0
5	QPSK	701.50	21.34	H	2.79	-1.35	17.20	52.48	34.77	-17.57	1/12
		707.50	21.53	H	2.80	-1.34	17.39	54.83	34.77	-17.38	1/12
		713.50	21.85	H	2.81	-1.32	17.72	59.16	34.77	-17.05	1/0
	16-QAM	701.50	20.78	H	2.79	-1.35	16.64	46.13	34.77	-18.13	1/12
		707.50	20.69	H	2.80	-1.34	16.55	45.19	34.77	-18.22	1/12
		713.50	20.64	H	2.81	-1.32	16.51	44.77	34.77	-18.26	1/0
3	QPSK	700.50	19.91	H	2.79	-1.35	15.77	37.76	34.77	-19.00	1/0
		707.50	20.58	H	2.80	-1.34	16.44	44.06	34.77	-18.33	1/0
		714.50	21.19	H	2.82	-1.32	17.05	50.70	34.77	-17.72	1/8
	16-QAM	700.50	20.51	H	2.79	-1.35	16.37	43.35	34.77	-18.40	1/0
		707.50	20.68	H	2.80	-1.34	16.54	45.08	34.77	-18.23	1/0
		714.50	20.72	H	2.82	-1.32	16.58	45.50	34.77	-18.19	1/8
1.4	QPSK	699.70	20.37	H	2.78	-1.35	16.24	42.07	34.77	-18.53	1/0
		707.50	20.80	H	2.80	-1.34	16.66	46.34	34.77	-18.11	1/0
		715.30	21.39	H	2.82	-1.32	17.25	53.09	34.77	-17.52	1/0
	16-QAM	699.70	20.54	H	2.78	-1.35	16.41	43.75	34.77	-18.36	1/0
		707.50	20.96	H	2.80	-1.34	16.82	48.08	34.77	-17.95	1/0
		715.30	20.86	H	2.82	-1.32	16.72	46.99	34.77	-18.05	1/0

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 (mW)	Limit (dBm)	Delta (dB)	RB
10	QPSK	704.00	23.36	V	2.79	-1.34	19.22	83.56	34.77	-15.55	1/25
		707.50	23.49	V	2.80	-1.34	19.35	86.10	34.77	-15.42	1/25
		711.00	23.48	V	2.81	-1.33	19.35	86.10	34.77	-15.42	1/0
	16-QAM	704.00	22.37	V	2.79	-1.34	18.23	66.53	34.77	-16.54	1/25
		707.50	22.58	V	2.80	-1.34	18.44	69.82	34.77	-16.33	1/25
		711.00	22.66	V	2.81	-1.33	18.53	71.29	34.77	-16.24	1/0
5	QPSK	701.50	23.37	V	2.79	-1.35	19.23	83.75	34.77	-15.54	1/12
		707.50	23.44	V	2.80	-1.34	19.30	85.11	34.77	-15.47	1/12
		713.50	23.35	V	2.81	-1.32	19.21	83.37	34.77	-15.56	1/12
	16-QAM	701.50	22.52	V	2.79	-1.35	18.38	68.87	34.77	-16.39	1/12
		707.50	22.82	V	2.80	-1.34	18.68	73.79	34.77	-16.09	1/12
		713.50	22.58	V	2.81	-1.32	18.44	69.82	34.77	-16.33	1/12
3	QPSK	700.50	22.43	V	2.79	-1.35	18.29	67.45	34.77	-16.48	1/8
		707.50	22.68	V	2.80	-1.34	18.54	71.45	34.77	-16.23	1/8
		714.50	22.45	V	2.82	-1.32	18.31	67.76	34.77	-16.46	1/0
	16-QAM	700.50	22.49	V	2.79	-1.35	18.35	68.39	34.77	-16.42	1/8
		707.50	22.90	V	2.80	-1.34	18.76	75.16	34.77	-16.01	1/8
		714.50	22.60	V	2.82	-1.32	18.46	70.15	34.77	-16.31	1/0
1.4	QPSK	699.70	22.35	V	2.78	-1.35	18.21	66.22	34.77	-16.56	1/0
		707.50	22.70	V	2.80	-1.34	18.56	71.78	34.77	-16.21	1/3
		715.30	22.64	V	2.82	-1.32	18.50	70.79	34.77	-16.27	1/3
	16-QAM	699.70	22.45	V	2.78	-1.35	18.31	67.76	34.77	-16.46	1/0
		707.50	22.90	V	2.80	-1.34	18.76	75.16	34.77	-16.01	1/3
		715.30	22.74	V	2.82	-1.32	18.60	72.44	34.77	-16.17	1/3

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 (mW)	Limit (dBm)	Delta (dB)	RB
10	QPSK	782.00	20.76	H	2.94	-1.19	16.63	46.03	34.77	-18.14	1/0
	16-QAM	782.00	19.66	H	2.94	-1.19	15.53	35.73	34.77	-19.24	1/0
5	QPSK	779.50	20.56	H	2.94	-1.19	16.44	44.06	34.77	-18.33	1/12
		782.00	20.32	H	2.94	-1.19	16.19	41.59	34.77	-18.58	1/24
		784.50	20.83	H	2.95	-1.18	16.71	46.88	34.77	-18.06	1/12
	16-QAM	779.50	19.58	H	2.94	-1.19	15.46	35.16	34.77	-19.31	1/0
		782.00	19.47	H	2.94	-1.19	15.34	34.20	34.77	-19.43	1/24
		784.50	19.84	H	2.95	-1.18	15.72	37.33	34.77	-19.05	1/0

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 (mW)	Limit (dBm)	Delta (dB)	RB
10	QPSK	782.00	25.71	V	2.94	-1.19	21.58	143.88	34.77	-13.19	1/0
	16-QAM	782.00	25.01	V	2.94	-1.19	20.88	122.46	34.77	-13.89	1/0
5	QPSK	779.50	25.61	V	2.94	-1.19	21.48	140.60	34.77	-13.29	1/0
		782.00	25.80	V	2.94	-1.19	21.67	146.89	34.77	-13.10	1/0
		784.50	25.45	V	2.95	-1.18	21.32	135.52	34.77	-13.45	1/0
	16-QAM	779.50	24.75	V	2.94	-1.19	20.62	115.35	34.77	-14.15	1/0
		782.00	24.85	V	2.94	-1.19	20.72	118.03	34.77	-14.05	1/0
		784.50	24.58	V	2.95	-1.18	20.45	110.92	34.77	-14.32	1/0

LTE Band 41 (PC2) (ANT B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2506.00	18.81	V	5.25	10.27	23.82	240.99	33.00	-9.18	1/0
		2593.00	18.72	V	5.34	10.14	23.52	224.91	33.00	-9.48	1/0
		2680.00	19.09	V	5.44	10.18	23.82	240.99	33.00	-9.18	1/0
	16-QAM	2506.00	18.51	V	5.25	10.27	23.52	224.91	33.00	-9.48	1/0
		2593.00	18.31	V	5.34	10.14	23.11	204.64	33.00	-9.89	1/0
		2680.00	18.48	V	5.44	10.18	23.21	209.41	33.00	-9.79	1/0
15	QPSK	2503.50	18.76	V	5.25	10.27	23.78	238.78	33.00	-9.22	1/37
		2593.00	18.71	V	5.34	10.14	23.51	224.39	33.00	-9.49	1/0
		2682.50	19.18	V	5.44	10.18	23.92	246.60	33.00	-9.08	1/37
	16-QAM	2503.50	18.51	V	5.25	10.27	23.53	225.42	33.00	-9.47	1/37
		2593.00	18.39	V	5.34	10.14	23.19	208.45	33.00	-9.81	1/0
		2682.50	18.54	V	5.44	10.18	23.27	212.32	33.00	-9.73	1/37
10	QPSK	2501.00	18.72	V	5.24	10.28	23.76	237.68	33.00	-9.24	1/0
		2593.00	18.64	V	5.34	10.14	23.44	220.80	33.00	-9.56	1/25
		2685.00	19.34	V	5.45	10.18	24.07	256.27	33.00	-8.93	1/49
	16-QAM	2501.00	18.67	V	5.24	10.28	23.71	234.96	33.00	-9.29	1/0
		2593.00	18.28	V	5.34	10.14	23.08	203.24	33.00	-9.92	1/25
		2685.00	18.66	V	5.45	10.18	23.39	218.27	33.00	-9.61	1/49
5	QPSK	2498.50	18.80	V	5.24	10.28	23.84	242.10	33.00	-9.16	1/12
		2593.00	18.75	V	5.34	10.14	23.55	226.46	33.00	-9.45	1/0
		2687.50	19.43	V	5.45	10.18	24.17	261.22	33.00	-8.83	1/12
	16-QAM	2498.50	18.81	V	5.24	10.28	23.85	242.66	33.00	-9.15	1/12
		2593.00	18.37	V	5.34	10.14	23.17	207.49	33.00	-9.83	1/0
		2687.50	18.74	V	5.45	10.18	23.48	222.84	33.00	-9.52	1/12

LTE Band 41 (PC2) (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2506.00	18.52	H	5.25	10.27	23.54	225.94	33.00	-9.46	1/49
		2593.00	20.33	H	5.34	10.14	25.13	325.84	33.00	-7.87	1/49
		2680.00	19.13	H	5.44	10.18	23.87	243.78	33.00	-9.13	1/0
	16-QAM	2506.00	18.06	H	5.25	10.27	23.08	203.24	33.00	-9.92	1/49
		2593.00	19.43	H	5.34	10.14	24.23	264.85	33.00	-8.77	1/99
		2680.00	18.40	H	5.44	10.18	23.14	206.06	33.00	-9.86	1/49
15	QPSK	2503.50	18.59	H	5.25	10.27	23.61	229.61	33.00	-9.39	1/0
		2593.00	20.33	H	5.34	10.14	25.13	325.84	33.00	-7.87	1/37
		2682.50	19.12	H	5.44	10.18	23.86	243.22	33.00	-9.14	1/37
	16-QAM	2503.50	18.14	H	5.25	10.27	23.16	207.01	33.00	-9.84	1/0
		2593.00	19.43	H	5.34	10.14	24.23	264.85	33.00	-8.77	1/37
		2682.50	18.39	H	5.44	10.18	23.13	205.59	33.00	-9.87	1/37
10	QPSK	2501.00	18.30	H	5.24	10.28	23.33	215.28	33.00	-9.67	1/25
		2593.00	20.27	H	5.34	10.14	25.07	321.37	33.00	-7.93	1/25
		2685.00	19.06	H	5.45	10.18	23.79	239.33	33.00	-9.21	1/25
	16-QAM	2501.00	18.02	H	5.24	10.28	23.05	201.84	33.00	-9.95	1/25
		2593.00	19.40	H	5.34	10.14	24.20	263.03	33.00	-8.80	1/25
		2685.00	18.23	H	5.45	10.18	22.96	197.70	33.00	-10.04	1/25
5	QPSK	2498.50	18.49	H	5.24	10.28	23.52	224.91	33.00	-9.48	1/12
		2593.00	20.26	H	5.34	10.14	25.06	320.63	33.00	-7.94	1/12
		2687.50	19.02	H	5.45	10.18	23.75	237.14	33.00	-9.25	1/12
	16-QAM	2498.50	18.10	H	5.24	10.28	23.13	205.59	33.00	-9.87	1/12
		2593.00	19.69	H	5.34	10.14	24.49	281.19	33.00	-8.51	1/12
		2687.50	18.29	H	5.45	10.18	23.02	200.45	33.00	-9.98	1/12

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)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1720.00	17.42	H	4.33	9.53	22.63	183.23	30.00	-7.37	1/0
		1745.00	16.96	H	4.37	9.58	22.18	165.20	30.00	-7.82	1/49
		1770.00	16.64	H	4.40	9.62	21.87	153.82	30.00	-8.13	1/49
	16-QAM	1720.00	16.26	H	4.33	9.50	21.43	139.00	30.00	-8.57	1/99
		1745.00	16.44	H	4.37	9.58	21.66	146.55	30.00	-8.34	1/49
		1770.00	15.70	H	4.40	9.62	20.93	123.88	30.00	-9.07	1/99
15	QPSK	1717.50	17.37	H	4.32	9.49	22.54	179.47	30.00	-7.46	1/37
		1745.00	17.16	H	4.37	9.58	22.38	172.98	30.00	-7.62	1/37
		1772.50	16.51	H	4.40	9.63	21.74	149.28	30.00	-8.26	1/74
	16-QAM	1717.50	16.32	H	4.32	9.49	21.49	140.93	30.00	-8.51	1/74
		1745.00	16.48	H	4.37	9.58	21.70	147.91	30.00	-8.30	1/0
		1772.50	15.55	H	4.40	9.63	20.78	119.67	30.00	-9.22	1/0
10	QPSK	1715.00	17.27	H	4.32	9.48	22.43	174.98	30.00	-7.57	1/25
		1745.00	17.09	H	4.37	9.58	22.31	170.22	30.00	-7.69	1/49
		1775.00	16.69	H	4.40	9.63	21.92	155.60	30.00	-8.08	1/0
	16-QAM	1715.00	16.27	H	4.32	9.48	21.43	139.00	30.00	-8.57	1/0
		1745.00	16.56	H	4.37	9.58	21.78	150.66	30.00	-8.22	1/25
		1775.00	15.74	H	4.40	9.63	20.97	125.03	30.00	-9.03	1/0
5	QPSK	1712.50	17.30	H	4.32	9.47	22.46	176.20	30.00	-7.54	1/12
		1745.00	17.00	H	4.37	9.58	22.22	166.72	30.00	-7.78	1/24
		1777.50	16.66	H	4.40	9.63	21.90	154.88	30.00	-8.10	1/0
	16-QAM	1712.50	15.91	H	4.32	9.47	21.07	127.94	30.00	-8.93	1/12
		1745.00	16.66	H	4.37	9.58	21.88	154.17	30.00	-8.12	1/0
		1777.50	15.89	H	4.40	9.63	21.13	129.72	30.00	-8.87	1/0
3	QPSK	1711.50	17.26	H	4.31	9.47	22.41	174.18	30.00	-7.59	1/8
		1745.00	16.93	H	4.37	9.58	22.15	164.06	30.00	-7.85	1/8
		1778.50	16.83	H	4.40	9.63	22.06	160.69	30.00	-7.94	1/8
	16-QAM	1711.50	15.66	H	4.31	9.47	20.81	120.50	30.00	-9.19	1/14
		1745.00	16.82	H	4.37	9.58	22.04	159.96	30.00	-7.96	1/8
		1778.50	15.50	H	4.40	9.63	20.73	118.30	30.00	-9.27	1/8
1.4	QPSK	1710.70	17.32	H	4.31	9.47	22.47	176.60	30.00	-7.53	1/3
		1745.00	16.96	H	4.37	9.58	22.18	165.20	30.00	-7.82	1/5
		1779.30	16.75	H	4.40	9.63	21.98	157.76	30.00	-8.02	1/0
	16-QAM	1710.70	15.90	H	4.31	9.47	21.05	127.35	30.00	-8.95	1/3
		1745.00	16.56	H	4.37	9.58	21.78	150.66	30.00	-8.22	1/0
		1779.30	15.77	H	4.40	9.63	21.00	125.89	30.00	-9.00	1/0

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)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1720.00	17.25	H	4.33	9.50	22.42	174.58	30.00	-7.58	1/0
		1745.00	17.25	H	4.37	9.58	22.47	176.60	30.00	-7.53	1/99
		1770.00	16.77	H	4.40	9.62	22.00	158.49	30.00	-8.00	1/0
	16-QAM	1720.00	16.35	H	4.33	9.50	21.52	141.91	30.00	-8.48	1/0
		1745.00	16.30	H	4.37	9.58	21.52	141.91	30.00	-8.48	1/49
		1770.00	15.64	H	4.40	9.62	20.86	121.90	30.00	-9.14	1/49
15	QPSK	1717.50	17.37	H	4.32	9.49	22.54	179.47	30.00	-7.46	1/0
		1745.00	17.40	H	4.37	9.58	22.62	182.81	30.00	-7.38	1/37
		1772.50	16.73	H	4.40	9.63	21.96	157.04	30.00	-8.04	1/0
	16-QAM	1717.50	15.99	H	4.32	9.49	21.16	130.62	30.00	-8.84	1/0
		1745.00	16.05	H	4.37	9.58	21.27	133.97	30.00	-8.73	1/37
		1772.50	15.85	H	4.40	9.63	21.08	128.23	30.00	-8.92	1/0
10	QPSK	1715.00	17.26	H	4.32	9.48	22.42	174.58	30.00	-7.58	1/49
		1745.00	17.47	H	4.37	9.58	22.69	185.78	30.00	-7.31	1/0
		1775.00	16.97	H	4.40	9.63	22.20	165.96	30.00	-7.80	1/0
	16-QAM	1715.00	16.06	H	4.32	9.48	21.22	132.43	30.00	-8.78	1/49
		1745.00	15.68	H	4.37	9.58	20.90	123.03	30.00	-9.10	1/0
		1775.00	16.18	H	4.40	9.63	21.41	138.36	30.00	-8.59	1/25
5	QPSK	1712.50	17.11	H	4.32	9.47	22.27	168.66	30.00	-7.73	1/24
		1745.00	17.53	H	4.37	9.58	22.75	188.36	30.00	-7.25	1/0
		1777.50	16.81	H	4.40	9.63	22.05	160.32	30.00	-7.95	1/12
	16-QAM	1712.50	16.09	H	4.32	9.47	21.25	133.35	30.00	-8.75	1/24
		1745.00	16.20	H	4.37	9.58	21.42	138.68	30.00	-8.58	1/12
		1777.50	16.02	H	4.40	9.63	21.26	133.66	30.00	-8.74	1/12
3	QPSK	1711.50	17.09	H	4.31	9.47	22.24	167.49	30.00	-7.76	1/0
		1745.00	17.42	H	4.37	9.58	22.64	183.65	30.00	-7.36	1/8
		1778.50	16.86	H	4.40	9.63	22.09	161.81	30.00	-7.91	1/8
	16-QAM	1711.50	16.06	H	4.31	9.47	21.21	132.13	30.00	-8.79	1/0
		1745.00	15.99	H	4.37	9.58	21.21	132.13	30.00	-8.79	1/8
		1778.50	15.91	H	4.40	9.63	21.14	130.02	30.00	-8.86	1/8
1.4	QPSK	1710.70	17.07	H	4.31	9.47	22.22	166.72	30.00	-7.78	1/3
		1745.00	17.40	H	4.37	9.58	22.62	182.81	30.00	-7.38	1/5
		1779.30	16.90	H	4.40	9.63	22.13	163.31	30.00	-7.87	1/5
	16-QAM	1710.70	16.23	H	4.31	9.47	21.38	137.40	30.00	-8.62	1/0
		1745.00	15.86	H	4.37	9.58	21.08	128.23	30.00	-8.92	1/3
		1779.30	15.87	H	4.40	9.63	21.10	128.82	30.00	-8.90	1/5

NR Band n41 (PC3) DFT-s OFDM (ANT B)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. ol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
100	QPSK	2546.01	19.25	V	5.29	9.97	23.93	247.17	33.00	-9.07	1/1
		2592.99	19.00	V	5.34	9.90	23.56	226.99	33.00	-9.44	1/1
		2640.00	19.45	V	5.39	9.87	23.93	247.17	33.00	-9.07	1/271
	16-QAM	2546.01	18.30	V	5.29	9.97	22.98	198.61	33.00	-10.02	1/1
		2592.99	18.11	V	5.34	9.90	22.67	184.93	33.00	-10.33	1/1
		2640.00	18.43	V	5.39	9.87	22.91	195.43	33.00	-10.09	1/271
90	QPSK	2541.00	19.26	V	5.29	9.98	23.95	248.31	33.00	-9.05	1/243
		2592.99	19.00	V	5.34	9.90	23.56	226.99	33.00	-9.44	1/243
		2644.98	19.41	V	5.40	9.86	23.87	243.78	33.00	-9.13	1/243
	16-QAM	2541.00	18.19	V	5.29	9.98	22.88	194.09	33.00	-10.12	1/243
		2592.99	18.13	V	5.34	9.90	22.69	185.78	33.00	-10.31	1/243
		2644.98	18.31	V	5.40	9.86	22.77	189.23	33.00	-10.23	1/243
80	QPSK	2536.02	19.23	V	5.28	9.99	23.93	247.17	33.00	-9.07	1/1
		2592.99	18.92	V	5.34	9.90	23.48	222.84	33.00	-9.52	1/215
		2649.99	19.30	V	5.41	9.86	23.75	237.14	33.00	-9.25	1/215
	16-QAM	2536.02	18.15	V	5.28	9.99	22.85	192.75	33.00	-10.15	1/1
		2592.99	18.07	V	5.34	9.90	22.63	183.23	33.00	-10.37	1/215
		2649.99	18.20	V	5.41	9.86	22.65	184.08	33.00	-10.35	1/215
70	QPSK	2531.02	18.96	V	5.28	10.00	23.68	233.35	33.00	-9.32	1/1
		2593.99	18.92	V	5.36	9.90	23.46	221.82	33.00	-9.54	1/95
		2654.98	19.21	V	5.42	9.86	23.66	232.27	33.00	-9.34	1/187
	16-QAM	2531.02	18.00	V	5.28	10.00	22.72	187.07	33.00	-10.28	1/1
		2593.99	18.07	V	5.36	9.90	22.61	182.39	33.00	-10.39	1/95
		2654.98	18.19	V	5.42	9.86	22.64	183.65	33.00	-10.36	1/187
60	QPSK	2526.00	18.91	V	5.28	10.01	23.63	230.67	33.00	-9.37	1/1
		2592.99	18.82	V	5.34	9.90	23.38	217.77	33.00	-9.62	1/160
		2659.98	19.30	V	5.42	9.87	23.75	237.14	33.00	-9.25	1/160
	16-QAM	2526.00	17.86	V	5.28	10.01	22.58	181.13	33.00	-10.42	1/1
		2592.99	17.95	V	5.34	9.90	22.51	178.24	33.00	-10.49	1/160
		2659.98	18.18	V	5.42	9.87	22.63	183.23	33.00	-10.37	1/160
50	QPSK	2521.01	19.05	V	5.27	10.02	23.80	239.88	33.00	-9.20	1/1
		2592.99	19.13	V	5.34	9.90	23.69	233.88	33.00	-9.31	1/131
		2665.00	19.71	V	5.43	9.87	24.16	260.62	33.00	-8.84	1/131
	16-QAM	2521.01	17.96	V	5.27	10.02	22.71	186.64	33.00	-10.29	1/1
		2592.99	18.22	V	5.34	9.90	22.78	189.67	33.00	-10.22	1/131
		2665.00	18.33	V	5.43	9.87	22.78	189.67	33.00	-10.22	1/131
40	QPSK	2516.01	18.89	V	5.26	10.02	23.65	231.74	33.00	-9.35	1/53
		2592.99	18.97	V	5.34	9.90	23.53	225.42	33.00	-9.47	1/53
		2670.00	19.54	V	5.43	9.87	23.99	250.61	33.00	-9.01	1/104
	16-QAM	2516.01	17.74	V	5.26	10.02	22.50	177.83	33.00	-10.50	1/53
		2592.99	18.07	V	5.34	9.90	22.63	183.23	33.00	-10.37	1/53
		2670.00	18.43	V	5.43	9.87	22.88	194.09	33.00	-10.12	1/104
30	QPSK	2511.00	18.90	V	5.26	10.02	23.67	232.81	33.00	-9.33	1/39
		2592.99	19.04	V	5.34	9.90	23.60	229.09	33.00	-9.40	1/39
		2675.00	19.72	V	5.43	9.88	24.16	260.62	33.00	-8.84	1/76
	16-QAM	2511.00	17.78	V	5.26	10.02	22.55	179.89	33.00	-10.45	1/39
		2592.99	18.01	V	5.34	9.90	22.57	180.72	33.00	-10.43	1/39
		2675.00	18.65	V	5.43	9.88	23.09	203.70	33.00	-9.91	1/76
20	QPSK	2506.02	18.66	V	5.25	10.03	23.44	220.80	33.00	-9.56	1/49
		2592.99	18.91	V	5.34	9.90	23.47	222.33	33.00	-9.53	1/26
		2679.99	19.60	V	5.44	9.88	24.04	253.51	33.00	-8.96	1/49
	16-QAM	2506.02	17.61	V	5.25	10.03	22.39	173.38	33.00	-10.61	1/49
		2592.99	17.94	V	5.34	9.90	22.50	177.83	33.00	-10.50	1/26
		2679.99	18.31	V	5.44	9.88	22.75	188.36	33.00	-10.25	1/49
15	QPSK	2503.50	18.76	V	5.25	10.04	23.55	226.46	33.00	-9.45	1/36
		2592.99	19.04	V	5.34	9.90	23.60	229.09	33.00	-9.40	1/36
		2682.48	19.67	V	5.44	9.88	24.11	257.63	33.00	-8.89	1/36
	16-QAM	2503.50	17.69	V	5.25	10.04	22.48	177.01	33.00	-10.52	1/36
		2592.99	18.02	V	5.34	9.90	22.58	181.13	33.00	-10.42	1/36
		2682.48	18.58	V	5.44	9.88	23.02	200.45	33.00	-9.98	1/36
10	QPSK	2501.01	18.71	V	5.24	10.04	23.51	224.39	33.00	-9.49	1/22
		2592.99	18.91	V	5.34	9.90	23.47	222.33	33.00	-9.53	1/22
		2685.00	19.73	V	5.45	9.88	24.16	260.62	33.00	-8.84	1/22
	16-QAM	2501.01	17.59	V	5.24	10.04	22.39	173.38	33.00	-10.61	1/22
		2592.99	17.97	V	5.34	9.90	22.53	179.06	33.00	-10.47	1/22
		2685.00	18.62	V	5.45	9.88	23.05	201.84	33.00	-9.95	1/22

NR Band n41 (PC3, SRS2, ANT F)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	2501.01	14.60	H	5.24	10.05	19.41	87.31	33.00	-13.59
	2592.99	19.08	H	5.34	9.90	23.64	231.02	33.00	-9.36
	2685.00	16.41	H	5.45	9.89	20.84	121.42	33.00	-12.16

NR Band n41 (PC3, SRS3, ANT E)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	2501.01	10.59	H	5.24	10.05	15.40	34.68	33.00	-17.60
	2592.99	12.19	H	5.34	9.90	16.75	47.28	33.00	-16.25
	2685.00	8.48	H	5.45	9.89	12.91	19.56	33.00	-20.09

NR Band n41 (PC3, SRS4, ANT K)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
40 MHz	2516.01	4.97	H	5.26	10.02	9.73	9.40	33.00	-23.27
	2592.99	5.76	H	5.34	9.90	10.32	10.76	33.00	-22.68
	2670.00	4.98	H	5.43	9.88	9.43	8.76	33.00	-23.57

NR Band n41 (PC3) DFT-s OFDM (ANT F)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. ol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
100	QSK	2546.01	20.01	H	5.29	10.20	24.93	311.17	33.00	-8.07	1/1
		2592.99	20.10	H	5.34	10.14	24.90	309.03	33.00	-8.10	1/1
		2640.00	20.41	H	5.39	10.14	25.16	328.10	33.00	-7.84	1/1
	16-QAM	2546.01	19.14	H	5.29	10.20	24.06	254.68	33.00	-8.94	1/1
		2592.99	19.20	H	5.34	10.14	24.00	251.19	33.00	-9.00	1/1
		2640.00	19.62	H	5.39	10.14	24.37	273.53	33.00	-8.63	1/1
90	QSK	2541.00	19.74	H	5.29	10.21	24.66	292.42	33.00	-8.34	1/243
		2592.99	20.07	H	5.34	10.14	24.87	306.90	33.00	-8.13	1/1
		2644.98	20.27	H	5.40	10.14	25.01	316.96	33.00	-7.99	1/243
	16-QAM	2541.00	18.88	H	5.29	10.21	23.80	229.09	33.00	-9.40	1/243
		2592.99	19.15	H	5.34	10.14	23.95	248.31	33.00	-9.05	1/1
		2644.98	19.42	H	5.40	10.14	24.16	260.62	33.00	-8.84	1/243
80	QPSK	2536.02	19.91	H	5.28	10.22	24.85	305.49	33.00	-8.15	1/1
		2592.99	20.02	H	5.34	10.14	24.82	303.39	33.00	-8.18	1/1
		2649.99	20.00	H	5.41	10.14	24.81	302.69	33.00	-8.19	1/1
	16-QAM	2536.02	18.90	H	5.28	10.22	23.84	242.10	33.00	-9.16	1/1
		2592.99	19.06	H	5.34	10.14	23.86	243.22	33.00	-9.14	1/1
		2649.99	19.18	H	5.41	10.14	23.91	246.04	33.00	-9.09	1/1
70	QPSK	2531.02	19.78	H	5.28	10.23	24.73	297.17	33.00	-8.27	1/1
		2593.99	19.77	H	5.36	10.14	24.55	285.10	33.00	-8.45	1/1
		2654.98	19.97	H	5.42	10.15	24.70	295.12	33.00	-8.30	1/1
	16-QAM	2531.02	18.88	H	5.28	10.23	23.83	241.55	33.00	-9.17	1/1
		2593.99	18.92	H	5.36	10.14	23.70	234.42	33.00	-9.30	1/1
		2654.98	19.18	H	5.42	10.15	23.91	246.04	33.00	-9.09	1/1
60	QPSK	2526.00	19.62	H	5.28	10.24	24.58	287.08	33.00	-8.42	1/1
		2592.99	19.72	H	5.34	10.14	24.52	283.14	33.00	-8.48	1/160
		2659.98	19.99	H	5.42	10.15	24.72	296.48	33.00	-8.28	1/160
	16-QAM	2526.00	18.62	H	5.28	10.24	23.58	228.03	33.00	-9.42	1/1
		2592.99	18.84	H	5.34	10.14	23.64	231.21	33.00	-9.36	1/160
		2659.98	19.03	H	5.42	10.15	23.76	237.68	33.00	-9.24	1/160
50	QPSK	2521.01	19.77	H	5.27	10.24	24.74	297.85	33.00	-8.26	1/1
		2592.99	20.00	H	5.34	10.14	24.80	302.00	33.00	-8.20	1/1
		2665.00	20.32	H	5.43	10.16	25.06	320.63	33.00	-7.94	1/131
	16-QAM	2521.01	18.80	H	5.27	10.24	23.77	238.23	33.00	-9.23	1/1
		2592.99	19.13	H	5.34	10.14	23.93	247.17	33.00	-9.07	1/1
		2665.00	19.36	H	5.43	10.16	24.10	257.04	33.00	-8.90	1/131
40	QPSK	2516.01	19.48	H	5.26	10.25	24.47	279.90	33.00	-8.53	1/1
		2592.99	19.84	H	5.34	10.14	24.64	291.07	33.00	-8.36	1/53
		2670.00	20.12	H	5.43	10.16	24.85	305.49	33.00	-8.15	1/104
	16-QAM	2516.01	18.53	H	5.26	10.25	23.52	224.91	33.00	-9.48	1/1
		2592.99	18.79	H	5.34	10.14	23.59	228.56	33.00	-9.41	1/53
		2670.00	19.01	H	5.43	10.16	23.74	236.59	33.00	-9.26	1/104
30	QPSK	2511.00	19.56	H	5.26	10.25	24.56	285.76	33.00	-8.44	1/1
		2592.99	19.91	H	5.34	10.14	24.71	295.80	33.00	-8.29	1/1
		2675.00	20.27	H	5.43	10.16	25.01	316.96	33.00	-7.99	1/76
	16-QAM	2511.00	18.55	H	5.26	10.25	23.55	226.46	33.00	-9.45	1/1
		2592.99	18.88	H	5.34	10.14	23.68	233.35	33.00	-9.32	1/1
		2675.00	19.41	H	5.43	10.16	24.15	260.02	33.00	-8.85	1/76
20	QPSK	2506.02	19.42	H	5.25	10.26	24.43	277.33	33.00	-8.57	1/49
		2592.99	19.86	H	5.34	10.14	24.66	292.42	33.00	-8.34	1/26
		2679.99	20.24	H	5.44	10.17	24.97	314.05	33.00	-8.03	1/49
	16-QAM	2506.02	18.36	H	5.25	10.26	23.37	217.27	33.00	-9.63	1/49
		2592.99	18.95	H	5.34	10.14	23.75	237.14	33.00	-9.25	1/26
		2679.99	19.15	H	5.44	10.17	23.88	244.34	33.00	-9.12	1/49
15	QPSK	2503.50	19.55	H	5.25	10.26	24.56	285.76	33.00	-8.44	1/1
		2592.99	19.85	H	5.34	10.14	24.65	291.74	33.00	-8.35	1/1
		2682.48	20.22	H	5.44	10.17	24.95	312.61	33.00	-8.05	1/36
	16-QAM	2503.50	18.56	H	5.25	10.26	23.57	227.51	33.00	-9.43	1/1
		2592.99	18.83	H	5.34	10.14	23.63	230.67	33.00	-9.37	1/1
		2682.48	19.29	H	5.44	10.17	24.02	252.35	33.00	-8.98	1/36
10	QPSK	2501.01	19.66	H	5.24	10.27	24.68	293.76	33.00	-8.32	1/12
		2592.99	19.77	H	5.34	10.14	24.57	286.42	33.00	-8.43	1/1
		2685.00	20.22	H	5.45	10.18	24.94	311.89	33.00	-8.06	1/1
	16-QAM	2501.01	18.62	H	5.24	10.27	23.64	231.21	33.00	-9.36	1/12
		2592.99	18.79	H	5.34	10.14	23.59	228.56	33.00	-9.41	1/1
		2685.00	19.39	H	5.45	10.18	24.11	257.63	33.00	-8.89	1/1

NR Band n41 (PC3, SRS2, ANT B)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	2501.01	17.62	V	5.24	10.05	22.43	174.97	33.00	-10.57
	2592.99	20.10	V	5.34	9.90	24.66	292.45	33.00	-8.34
	2685.00	19.18	V	5.45	9.89	23.62	229.89	33.00	-9.38

NR Band n41 (PC3, SRS3, ANT E)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	2501.01	14.87	H	5.24	10.05	19.68	92.91	33.00	-13.32
	2592.99	15.02	H	5.34	9.90	19.58	90.71	33.00	-13.42
	2685.00	12.73	H	5.45	9.89	17.16	52.03	33.00	-15.84

NR Band n41 (PC3, SRS4, ANT K)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
30 MHz	2511.00	3.55	H	5.26	10.03	8.33	6.80	33.00	-24.67
	2592.99	8.60	H	5.34	9.90	13.16	20.68	33.00	-19.84
	2675.00	7.76	H	5.43	9.88	12.20	16.61	33.00	-20.80

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)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
40	QPSK	1730.00	18.72	H	4.34	9.53	23.91	246.04	30.00	-6.09	1/1
		1745.00	17.80	H	4.37	9.58	23.02	200.45	30.00	-6.98	1/1
		1760.00	17.93	H	4.38	9.61	23.16	207.01	30.00	-6.84	1/1
	16-QAM	1730.00	17.91	H	4.34	9.53	23.10	204.17	30.00	-6.90	1/1
		1745.00	16.79	H	4.37	9.58	22.01	158.85	30.00	-7.99	1/1
		1760.00	17.01	H	4.38	9.61	22.24	167.49	30.00	-7.76	1/1
30	QPSK	1725.00	18.64	H	4.34	9.52	23.82	240.99	30.00	-6.18	1/1
		1745.00	17.68	H	4.37	9.58	22.90	194.98	30.00	-7.10	1/1
		1765.00	17.82	H	4.39	9.62	23.05	201.84	30.00	-6.95	1/158
	16-QAM	1725.00	17.92	H	4.34	9.52	23.10	204.17	30.00	-6.90	1/1
		1745.00	16.74	H	4.37	9.58	21.96	157.04	30.00	-8.04	1/1
		1765.00	16.91	H	4.39	9.62	22.14	163.68	30.00	-7.86	1/158
25	QPSK	1722.50	18.71	H	4.33	9.51	23.88	244.34	30.00	-6.12	1/1
		1745.00	17.76	H	4.37	9.58	22.98	198.61	30.00	-7.02	1/1
		1767.50	17.89	H	4.39	9.62	23.12	205.12	30.00	-6.88	1/1
	16-QAM	1722.50	17.85	H	4.33	9.51	23.02	200.45	30.00	-6.98	1/1
		1745.00	16.73	H	4.37	9.58	21.95	156.68	30.00	-8.05	1/1
		1767.50	16.92	H	4.39	9.62	22.15	164.06	30.00	-7.85	1/1
20	QPSK	1720.00	18.48	H	4.33	9.50	23.65	231.74	30.00	-6.35	1/1
		1745.00	17.58	H	4.37	9.58	22.80	190.55	30.00	-7.20	1/104
		1770.00	17.82	H	4.40	9.62	23.05	201.84	30.00	-6.95	1/52
	16-QAM	1720.00	17.65	H	4.33	9.50	22.82	191.43	30.00	-7.18	1/1
		1745.00	16.68	H	4.37	9.58	21.90	154.88	30.00	-8.10	1/104
		1770.00	16.67	H	4.40	9.62	21.90	154.88	30.00	-8.10	1/52
15	QPSK	1717.50	18.47	H	4.32	9.49	23.64	231.21	30.00	-6.36	1/1
		1745.00	17.66	H	4.37	9.58	22.88	194.09	30.00	-7.12	1/1
		1772.50	17.82	H	4.40	9.63	23.05	201.84	30.00	-6.95	1/1
	16-QAM	1717.50	17.79	H	4.32	9.49	22.96	197.70	30.00	-7.04	1/1
		1745.00	16.61	H	4.37	9.58	21.83	152.41	30.00	-8.17	1/1
		1772.50	16.84	H	4.40	9.63	22.07	161.06	30.00	-7.93	1/1
10	QPSK	1715.00	18.47	H	4.32	9.48	23.63	230.67	30.00	-6.37	1/25
		1745.00	17.64	H	4.37	9.58	22.86	193.20	30.00	-7.14	1/25
		1775.00	17.78	H	4.40	9.63	23.01	199.99	30.00	-6.99	1/25
	16-QAM	1715.00	17.58	H	4.32	9.48	22.74	187.93	30.00	-7.26	1/25
		1745.00	16.87	H	4.37	9.58	22.09	161.81	30.00	-7.91	1/25
		1775.00	16.76	H	4.40	9.63	21.99	158.12	30.00	-8.01	1/25
5	QPSK	1712.50	18.50	H	4.32	9.47	23.66	232.27	30.00	-6.34	1/12
		1745.00	17.73	H	4.37	9.58	22.95	197.24	30.00	-7.05	1/12
		1777.50	17.90	H	4.40	9.63	23.14	206.06	30.00	-6.86	1/12
	16-QAM	1712.50	17.60	H	4.32	9.47	22.76	188.80	30.00	-7.24	1/12
		1745.00	16.59	H	4.37	9.58	21.81	151.71	30.00	-8.19	1/12
		1777.50	16.90	H	4.40	9.63	22.14	163.68	30.00	-7.86	1/12

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)	ERP (mW)	Limit (dBm)	Delta (dB)	RB
40	QPSK	1730.00	17.83	H	4.34	9.53	23.02	200.45	30.00	-6.98	1/1
		1745.00	17.83	H	4.37	9.58	23.05	201.84	30.00	-6.95	1/1
		1760.00	17.96	H	4.38	9.61	23.19	208.45	30.00	-6.81	1/1
	16-QAM	1730.00	16.77	H	4.34	9.53	21.96	157.04	30.00	-8.04	1/1
		1745.00	16.73	H	4.37	9.58	21.95	156.68	30.00	-8.05	1/1
		1760.00	16.63	H	4.38	9.61	21.96	153.46	30.00	-8.14	1/1
30	QPSK	1725.00	17.62	H	4.34	9.52	22.80	190.55	30.00	-7.20	1/158
		1745.00	17.86	H	4.37	9.58	23.08	203.24	30.00	-6.92	1/158
		1765.00	16.78	H	4.39	9.62	22.01	158.85	30.00	-7.99	1/1
	16-QAM	1725.00	16.16	H	4.34	9.52	21.34	136.14	30.00	-8.66	1/158
		1745.00	16.30	H	4.37	9.58	21.52	141.91	30.00	-8.48	1/80
		1765.00	16.19	H	4.39	9.62	21.42	138.68	30.00	-8.58	1/1
25	QPSK	1722.50	17.59	H	4.33	9.51	22.76	188.80	30.00	-7.24	1/1
		1745.00	17.88	H	4.37	9.58	23.10	204.17	30.00	-6.90	1/1
		1767.50	16.79	H	4.39	9.62	22.02	159.22	30.00	-7.98	1/66
	16-QAM	1722.50	16.07	H	4.33	9.51	21.24	133.05	30.00	-8.76	1/1
		1745.00	16.23	H	4.37	9.58	21.45	139.64	30.00	-8.55	1/1
		1767.50	16.25	H	4.39	9.62	21.48	140.60	30.00	-8.52	1/66
20	QPSK	1720.00	17.55	H	4.33	9.50	22.72	187.07	30.00	-7.28	1/104
		1745.00	17.66	H	4.37	9.58	22.88	194.09	30.00	-7.12	1/52
		1770.00	16.62	H	4.40	9.62	21.85	153.11	30.00	-8.15	1/1
	16-QAM	1720.00	16.00	H	4.33	9.50	21.17	130.92	30.00	-8.83	1/104
		1745.00	16.09	H	4.37	9.58	21.31	135.21	30.00	-8.69	1/52
		1770.00	16.18	H	4.40	9.62	21.41	138.36	30.00	-8.59	1/1
15	QPSK	1717.50	17.48	H	4.32	9.49	22.65	184.08	30.00	-7.35	1/39
		1745.00	17.66	H	4.37	9.58	22.88	194.09	30.00	-7.12	1/77
		1772.50	16.84	H	4.40	9.63	22.07	161.06	30.00	-7.93	1/1
	16-QAM	1717.50	15.95	H	4.32	9.49	21.12	129.42	30.00	-8.88	1/39
		1745.00	16.32	H	4.37	9.58	21.54	142.56	30.00	-8.46	1/77
		1772.50	16.17	H	4.40	9.63	21.40	138.04	30.00	-8.60	1/1
10	QPSK	1715.00	17.42	H	4.32	9.48	22.58	181.13	30.00	-7.42	1/50
		1745.00	17.80	H	4.37	9.58	23.02	200.45	30.00	-6.98	1/1
		1775.00	16.54	H	4.40	9.63	21.77	150.31	30.00	-8.23	1/25
	16-QAM	1715.00	15.86	H	4.32	9.48	21.02	126.47	30.00	-8.98	1/50
		1745.00	16.11	H	4.37	9.58	21.33	135.83	30.00	-8.67	1/1
		1775.00	16.37	H	4.40	9.63	21.60	144.54	30.00	-8.40	1/25
5	QPSK	1712.50	17.25	H	4.32	9.47	22.41	174.18	30.00	-7.59	1/12
		1745.00	17.79	H	4.37	9.58	23.01	199.99	30.00	-6.99	1/12
		1777.50	16.87	H	4.40	9.63	22.11	162.55	30.00	-7.89	1/12
	16-QAM	1712.50	15.95	H	4.32	9.47	21.11	129.12	30.00	-8.89	1/12
		1745.00	16.17	H	4.37	9.58	21.39	137.72	30.00	-8.61	1/12
		1777.50	16.16	H	4.40	9.63	21.40	138.04	30.00	-8.60	1/12

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)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)	RB
100	QPSK	3499.98	18.57	H	6.22	10.94	23.28	212.81	30.00	-6.72	1/271
	16-QAM	3499.98	17.90	H	6.22	10.94	22.61	182.39	30.00	-7.39	1/271
90	QPSK	3495.00	18.46	H	6.22	10.93	23.17	207.49	30.00	-6.83	1/243
		3499.98	18.82	H	6.22	10.94	23.53	225.42	30.00	-6.47	1/243
		3504.99	18.99	H	6.22	10.93	23.70	234.42	30.00	-6.30	1/243
		3495.00	17.68	H	6.22	10.93	22.39	173.38	30.00	-7.61	1/243
	16-QAM	3499.98	18.17	H	6.22	10.94	22.88	194.09	30.00	-7.12	1/243
		3504.99	18.31	H	6.22	10.93	23.02	200.45	30.00	-6.98	1/243
80	QPSK	3490.02	18.23	H	6.21	10.92	22.94	196.79	30.00	-7.06	1/215
		3499.98	18.62	H	6.22	10.94	23.33	215.28	30.00	-6.67	1/215
		3510.00	18.74	H	6.22	10.93	23.45	221.31	30.00	-6.55	1/215
		3490.02	17.54	H	6.21	10.92	22.25	167.88	30.00	-7.75	1/215
	16-QAM	3499.98	18.05	H	6.22	10.94	22.76	188.80	30.00	-7.24	1/215
		3510.00	18.09	H	6.22	10.93	22.80	190.55	30.00	-7.20	1/215
70	QPSK	3485.01	18.03	H	6.21	10.92	22.73	187.50	30.00	-7.27	1/187
		3499.98	18.47	H	6.22	10.94	23.18	207.97	30.00	-6.82	1/187
		3514.98	18.41	H	6.23	10.93	23.11	204.64	30.00	-6.89	1/187
		3485.01	17.28	H	6.21	10.92	21.98	157.76	30.00	-8.02	1/187
	16-QAM	3499.98	17.83	H	6.22	10.94	22.54	179.47	30.00	-7.46	1/187
		3514.98	17.99	H	6.23	10.93	22.69	185.78	30.00	-7.31	1/187
60	QPSK	3480.00	17.90	H	6.20	10.91	22.61	182.39	30.00	-7.39	1/160
		3499.98	18.46	H	6.22	10.94	23.17	207.49	30.00	-6.83	1/160
		3519.99	18.43	H	6.23	10.93	23.13	205.59	30.00	-6.87	1/160
		3480.00	17.16	H	6.20	10.91	21.87	153.82	30.00	-8.13	1/160
	16-QAM	3499.98	17.78	H	6.22	10.94	22.49	177.42	30.00	-7.51	1/160
		3514.98	17.77	H	6.23	10.93	22.47	176.60	30.00	-7.53	1/160
50	QPSK	3475.02	18.08	H	6.20	10.90	22.78	189.67	30.00	-7.22	1/131
		3499.98	18.69	H	6.22	10.94	23.40	218.78	30.00	-6.60	1/131
		3525.00	18.66	H	6.24	10.93	23.35	216.27	30.00	-6.65	1/131
		3475.02	17.33	H	6.20	10.90	22.03	159.59	30.00	-7.97	1/131
	16-QAM	3499.98	18.04	H	6.22	10.94	22.75	188.36	30.00	-7.25	1/131
		3525.00	18.08	H	6.24	10.93	22.77	189.23	30.00	-7.23	1/131
40	QPSK	3470.01	17.90	H	6.19	10.90	22.60	181.97	30.00	-7.40	1/53
		3499.98	18.49	H	6.22	10.94	23.20	208.93	30.00	-6.80	1/104
		3529.98	18.52	H	6.24	10.92	23.21	209.41	30.00	-6.79	1/104
		3470.01	17.19	H	6.19	10.90	21.89	154.53	30.00	-8.11	1/53
	16-QAM	3499.98	17.89	H	6.22	10.94	22.60	181.97	30.00	-7.40	1/104
		3529.98	17.74	H	6.24	10.92	22.43	174.98	30.00	-7.57	1/104
30	QPSK	3465.00	17.86	H	6.19	10.89	22.56	180.30	30.00	-7.44	1/76
		3499.98	18.50	H	6.22	10.94	23.21	209.41	30.00	-6.79	1/39
		3535.02	18.54	H	6.25	10.92	23.21	209.41	30.00	-6.79	1/76
		3465.00	17.05	H	6.19	10.89	21.75	149.62	30.00	-8.25	1/76
	16-QAM	3499.98	17.87	H	6.22	10.94	22.58	181.13	30.00	-7.42	1/39
		3535.02	18.00	H	6.25	10.92	22.67	184.93	30.00	-7.33	1/76
20	QPSK	3460.02	17.81	H	6.18	10.88	22.51	178.24	30.00	-7.49	1/49
		3499.98	18.38	H	6.22	10.94	23.09	203.70	30.00	-6.91	1/49
		3540.00	18.77	H	6.25	10.92	23.44	220.80	30.00	-6.56	1/26
		3460.02	17.00	H	6.18	10.88	21.70	147.91	30.00	-8.30	1/49
	16-QAM	3499.98	17.77	H	6.22	10.94	22.48	177.01	30.00	-7.52	1/49
		3540.00	17.99	H	6.25	10.92	22.66	184.50	30.00	-7.34	1/26
15	QPSK	3457.50	17.77	H	6.18	10.88	22.47	176.60	30.00	-7.53	1/36
		3499.98	18.46	H	6.22	10.94	23.17	207.49	30.00	-6.83	1/36
		3542.49	18.56	H	6.26	10.92	23.22	209.89	30.00	-6.78	1/36
		3457.50	16.78	H	6.18	10.88	21.48	140.60	30.00	-8.52	1/36
	16-QAM	3499.98	17.53	H	6.22	10.94	22.24	167.49	30.00	-7.76	1/36
		3542.49	17.93	H	6.26	10.92	22.59	181.55	30.00	-7.41	1/36
10	QPSK	3455.01	17.77	H	6.18	10.88	22.47	176.60	30.00	-7.53	1/22
		3499.98	18.41	H	6.22	10.94	23.12	205.12	30.00	-6.88	1/22
		3544.98	18.59	H	6.26	10.92	23.25	211.35	30.00	-6.75	1/22
		3455.01	17.07	H	6.18	10.88	21.77	150.31	30.00	-8.23	1/22
	16-QAM	3499.98	17.77	H	6.22	10.94	22.48	177.01	30.00	-7.52	1/22
		3544.98	18.04	H	6.26	10.92	22.70	186.21	30.00	-7.30	1/22

NR Band n77 (PC2, 3450-3550 MHz, SRS1, ANT C)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	3455.01	19.82	H	6.18	10.59	24.23	264.64	33.00	-8.77
	3499.98	19.45	H	6.22	10.67	23.90	245.39	33.00	-9.10
	3544.98	18.08	H	6.26	10.70	22.52	178.55	33.00	-10.48

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

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	3455.01	18.07	H	6.18	10.59	22.48	176.87	33.00	-10.52
	3499.98	18.10	H	6.22	10.67	22.55	179.82	33.00	-10.45
	3544.98	18.71	H	6.26	10.70	23.15	206.43	33.00	-9.85

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

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
50 MHz	3475.02	16.38	H	6.20	10.62	20.80	120.36	33.00	-12.20
	3499.98	15.94	H	6.22	10.67	20.39	109.36	33.00	-12.61
	3525.00	15.68	H	6.24	10.69	20.12	102.86	33.00	-12.88

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)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)	RB
100	QPSK	3750.00	19.98	H	6.44	10.69	24.23	264.85	30.00	-5.77	1/1
		3840.00	19.43	H	6.52	10.49	23.40	218.78	30.00	-6.60	1/1
		3930.00	18.96	H	6.60	10.47	22.83	191.87	30.00	-7.17	1/1
	16-QAM	3750.00	19.32	H	6.44	10.69	23.57	227.51	30.00	-6.43	1/1
		3840.00	18.93	H	6.52	10.49	22.90	194.98	30.00	-7.10	1/1
		3930.00	18.30	H	6.60	10.47	22.17	164.82	30.00	-7.83	1/1
90	QPSK	3745.02	20.02	H	6.44	10.69	24.27	267.30	30.00	-5.73	1/1
		3840.00	19.49	H	6.52	10.49	23.46	221.82	30.00	-6.54	1/1
		3934.98	19.12	H	6.60	10.47	22.99	199.07	30.00	-7.01	1/1
	16-QAM	3745.02	19.31	H	6.44	10.69	23.56	226.99	30.00	-6.44	1/1
		3840.00	18.70	H	6.52	10.49	22.67	184.93	30.00	-7.33	1/1
		3934.98	18.20	H	6.60	10.47	22.07	161.06	30.00	-7.93	1/1
80	QPSK	3740.01	19.94	H	6.44	10.70	24.20	263.03	30.00	-5.80	1/1
		3840.00	19.45	H	6.52	10.49	23.42	219.79	30.00	-6.58	1/1
		3939.99	19.18	H	6.60	10.46	23.04	201.37	30.00	-6.96	1/1
	16-QAM	3740.01	19.27	H	6.44	10.70	23.53	225.42	30.00	-6.47	1/1
		3840.00	18.51	H	6.52	10.49	22.48	177.01	30.00	-7.52	1/1
		3939.99	18.32	H	6.60	10.46	22.18	165.20	30.00	-7.82	1/1
70	QPSK	3735.00	19.61	H	6.43	10.70	23.87	243.78	30.00	-6.13	1/1
		3840.00	19.23	H	6.52	10.49	23.20	208.93	30.00	-6.80	1/1
		3945.00	19.06	H	6.61	10.46	22.91	195.43	30.00	-7.09	1/1
	16-QAM	3735.00	19.02	H	6.43	10.70	23.28	212.81	30.00	-6.72	1/1
		3840.00	18.94	H	6.52	10.49	22.91	195.43	30.00	-7.09	1/1
		3945.00	18.02	H	6.61	10.46	21.87	153.82	30.00	-8.13	1/1
60	QPSK	3730.02	19.47	H	6.43	10.70	23.75	237.14	30.00	-6.25	1/160
		3840.00	19.22	H	6.52	10.49	23.19	208.45	30.00	-6.81	1/1
		3949.98	18.87	H	6.61	10.45	22.71	186.64	30.00	-7.29	1/1
	16-QAM	3730.02	18.82	H	6.43	10.70	23.10	204.17	30.00	-6.90	1/160
		3840.00	18.67	H	6.52	10.49	22.64	183.65	30.00	-7.36	1/1
		3949.98	17.91	H	6.61	10.45	21.75	149.62	30.00	-8.25	1/1
50	QPSK	3725.01	19.56	H	6.42	10.71	23.84	242.10	30.00	-6.16	1/131
		3840.00	19.49	H	6.52	10.49	23.46	221.82	30.00	-6.54	1/1
		3954.99	19.07	H	6.62	10.45	22.90	194.98	30.00	-7.10	1/67
	16-QAM	3725.01	19.04	H	6.42	10.71	23.32	214.78	30.00	-6.68	1/131
		3840.00	18.68	H	6.52	10.49	22.65	184.08	30.00	-7.35	1/1
		3954.99	18.12	H	6.62	10.45	21.95	156.68	30.00	-8.05	1/67
40	QPSK	3720.02	19.33	H	6.42	10.71	23.62	230.14	30.00	-6.38	1/104
		3840.00	19.34	H	6.52	10.49	23.31	214.29	30.00	-6.69	1/1
		3960.00	18.78	H	6.62	10.45	22.61	182.39	30.00	-7.39	1/104
	16-QAM	3720.02	18.60	H	6.42	10.71	22.89	194.54	30.00	-7.11	1/104
		3840.00	18.64	H	6.52	10.49	22.61	182.39	30.00	-7.39	1/1
		3960.00	17.90	H	6.62	10.45	21.73	148.94	30.00	-8.27	1/104
30	QPSK	3715.02	19.33	H	6.41	10.71	23.63	230.67	30.00	-6.37	1/39
		3840.00	19.35	H	6.52	10.49	23.32	214.78	30.00	-6.68	1/39
		3964.98	18.79	H	6.63	10.45	22.61	182.39	30.00	-7.39	1/76
	16-QAM	3715.02	18.59	H	6.41	10.71	22.89	194.54	30.00	-7.11	1/39
		3840.00	18.75	H	6.52	10.49	22.72	187.07	30.00	-7.28	1/39
		3964.98	17.88	H	6.63	10.45	21.70	147.91	30.00	-8.30	1/76
20	QPSK	3710.01	16.61	H	6.41	10.72	20.92	123.59	30.00	-9.08	1/26
		3840.00	17.37	H	6.52	10.49	21.34	136.14	30.00	-8.66	1/26
		3969.99	17.99	H	6.63	10.45	21.81	151.71	30.00	-8.19	1/1
	16-QAM	3710.01	16.50	H	6.41	10.72	20.81	120.50	30.00	-9.19	1/26
		3840.00	17.28	H	6.52	10.49	21.25	133.35	30.00	-8.75	1/26
		3969.99	17.68	H	6.63	10.45	21.50	141.25	30.00	-8.50	1/1
15	QPSK	3707.52	16.63	H	6.41	10.72	20.94	124.17	30.00	-9.06	1/36
		3840.00	17.42	H	6.52	10.49	21.39	137.72	30.00	-8.61	1/36
		3972.48	17.92	H	6.63	10.44	21.73	148.94	30.00	-8.27	1/36
	16-QAM	3707.52	16.57	H	6.41	10.72	20.88	122.46	30.00	-9.12	1/36
		3840.00	17.41	H	6.52	10.49	21.38	137.40	30.00	-8.62	1/36
		3972.48	17.63	H	6.63	10.44	21.44	139.32	30.00	-8.56	1/36
10	QPSK	3705.00	16.58	H	6.40	10.72	20.90	123.03	30.00	-9.10	1/22
		3840.00	17.34	H	6.52	10.49	21.31	135.21	30.00	-8.69	1/22
		3975.00	17.92	H	6.64	10.44	21.73	148.94	30.00	-8.27	1/22
	16-QAM	3705.00	16.75	H	6.40	10.72	21.07	127.94	30.00	-8.93	1/22
		3840.00	17.29	H	6.52	10.49	21.26	133.66	30.00	-8.74	1/22
		3975.00	17.67	H	6.64	10.44	21.48	140.60	30.00	-8.52	1/22

NR Band n77 (PC2, 3700-3980 MHz, SRS1, ANT C)

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
15 MHz	3707.52	20.41	H	6.41	10.78	24.78	300.86	33.00	-8.22
	3840.00	20.18	H	6.52	10.68	24.34	271.69	33.00	-8.66
	3972.48	19.02	H	6.63	10.59	22.98	198.46	33.00	-10.02

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

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
10 MHz	3705.00	19.53	H	6.40	10.78	23.91	245.78	33.00	-9.09
	3840.00	19.36	H	6.52	10.68	23.52	224.94	33.00	-9.48
	3975.00	19.69	H	6.64	10.59	23.64	231.28	33.00	-9.36

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

BW (MHz)	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Delta (dB)
15 MHz	3707.52	12.50	H	6.41	10.78	16.87	48.68	33.00	-16.13
	3840.00	12.41	H	6.52	10.68	16.57	45.40	33.00	-16.43
	3972.48	11.37	V	6.63	10.59	15.33	34.10	33.00	-17.67

9.2. RADIATED SPURIOUS EMISSION

RULE PART(S)

FCC: §2.1053, §27. 53

LIMIT

§27.53:

(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.

(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 $\geq$ 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

UL Verification Services, Inc.
Above 1GHz High Frequency Substitution Measurement

Company: Samsung
Project #: 4791615638
Date: 2025-02-10
Test Engineer: 26087
Configuration: EUT / AC Adapter, Y-Position
Location: Chamber 1
Mode: Rel99 Band 4 Harmonics
Test Votage: AC 120 V, 60 Hz

f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1712.4MHz									
3424.80	-9.0	V	3.0	43.9	1.0	-51.9	-13.0	-38.9	
5137.20	-7.2	V	3.0	44.6	1.0	-50.7	-13.0	-37.7	
6849.60	-4.5	V	3.0	45.0	1.0	-48.5	-13.0	-35.5	
3424.80	-8.9	H	3.0	43.9	1.0	-51.8	-13.0	-38.8	
5137.20	-7.1	H	3.0	44.6	1.0	-50.7	-13.0	-37.7	
6849.60	-4.3	H	3.0	45.0	1.0	-48.3	-13.0	-35.3	
Mid Ch, 1732.6MHz									
3465.20	-8.8	V	3.0	44.0	1.0	-51.7	-13.0	-38.7	
5197.80	-5.5	V	3.0	44.6	1.0	-49.1	-13.0	-36.1	
6930.40	-4.2	V	3.0	45.1	1.0	-48.3	-13.0	-35.3	
3465.20	-8.7	H	3.0	44.0	1.0	-51.7	-13.0	-38.7	
5197.80	-6.9	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
6930.40	-4.0	H	3.0	45.1	1.0	-48.0	-13.0	-35.0	
High Ch, 1752.6MHz									
3505.20	-8.6	V	3.0	44.0	1.0	-51.6	-13.0	-38.6	
5257.80	-7.0	V	3.0	44.6	1.0	-50.6	-13.0	-37.6	
7010.40	-4.4	V	3.0	45.1	1.0	-48.5	-13.0	-35.5	
3505.20	-8.5	H	3.0	44.0	1.0	-51.6	-13.0	-38.6	
5257.80	-7.0	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
7010.40	-4.1	H	3.0	45.1	1.0	-48.2	-13.0	-35.2	

LTE Band 12

5 MHz	QPSK	ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791615638 Date: 2025-01-22 Test Engineer: 26087 Configuration: EUT / AC Adapter, Z-Position Location: Chamber 1 Mode: LTE_QPSK Band 12 Harmonics, 5MHz Bandwidth Test Voltage: AC 120 V, 60 Hz																																																																																																																																																																																																																															
			<table> <tr> <th>f MHz</th><th>SG reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>Preamp (dB)</th><th>Filter (dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr> <tr><td colspan="10">Low Ch, 701.5MHz</td></tr> <tr><td>1403.00</td><td>-15.9</td><td>V</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-57.9</td><td>-13.0</td><td>-44.9</td><td></td></tr> <tr><td>2104.50</td><td>-13.7</td><td>V</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.7</td><td>-13.0</td><td>-43.7</td><td></td></tr> <tr><td>2806.00</td><td>-11.1</td><td>V</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.6</td><td>-13.0</td><td>-40.6</td><td></td></tr> <tr><td>1403.00</td><td>-16.7</td><td>H</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-58.7</td><td>-13.0</td><td>-45.7</td><td></td></tr> <tr><td>2104.50</td><td>-14.3</td><td>H</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-57.4</td><td>-13.0</td><td>-44.4</td><td></td></tr> <tr><td>2806.00</td><td>-11.3</td><td>H</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.8</td><td>-13.0</td><td>-40.8</td><td></td></tr> <tr><td colspan="10">Mid Ch, 707.5MHz</td></tr> <tr><td>1415.00</td><td>-16.9</td><td>V</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-58.9</td><td>-13.0</td><td>-45.9</td><td></td></tr> <tr><td>2122.50</td><td>-13.9</td><td>V</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.9</td><td>-13.0</td><td>-43.9</td><td></td></tr> <tr><td>2830.00</td><td>-10.5</td><td>V</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.0</td><td>-13.0</td><td>-40.0</td><td></td></tr> <tr><td>1415.00</td><td>-18.0</td><td>H</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-60.0</td><td>-13.0</td><td>-47.0</td><td></td></tr> <tr><td>2122.50</td><td>-14.6</td><td>H</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-57.6</td><td>-13.0</td><td>-44.6</td><td></td></tr> <tr><td>2830.00</td><td>-10.8</td><td>H</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.3</td><td>-13.0</td><td>-40.3</td><td></td></tr> <tr><td colspan="10">High Ch, 713.5MHz</td></tr> <tr><td>1427.00</td><td>-15.8</td><td>V</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-57.9</td><td>-13.0</td><td>-44.9</td><td></td></tr> <tr><td>2140.50</td><td>-13.6</td><td>V</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.6</td><td>-13.0</td><td>-43.6</td><td></td></tr> <tr><td>2854.00</td><td>-10.9</td><td>V</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.4</td><td>-13.0</td><td>-40.4</td><td></td></tr> <tr><td>1427.00</td><td>-17.2</td><td>H</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-59.2</td><td>-13.0</td><td>-46.2</td><td></td></tr> <tr><td>2140.50</td><td>-14.3</td><td>H</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-57.3</td><td>-13.0</td><td>-44.3</td><td></td></tr> <tr><td>2854.00</td><td>-11.0</td><td>H</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.5</td><td>-13.0</td><td>-40.5</td><td></td></tr> </table>							f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Low Ch, 701.5MHz										1403.00	-15.9	V	3.0	43.0	1.0	-57.9	-13.0	-44.9		2104.50	-13.7	V	3.0	44.0	1.0	-56.7	-13.0	-43.7		2806.00	-11.1	V	3.0	43.5	1.0	-53.6	-13.0	-40.6		1403.00	-16.7	H	3.0	43.0	1.0	-58.7	-13.0	-45.7		2104.50	-14.3	H	3.0	44.0	1.0	-57.4	-13.0	-44.4		2806.00	-11.3	H	3.0	43.5	1.0	-53.8	-13.0	-40.8		Mid Ch, 707.5MHz										1415.00	-16.9	V	3.0	43.0	1.0	-58.9	-13.0	-45.9		2122.50	-13.9	V	3.0	44.0	1.0	-56.9	-13.0	-43.9		2830.00	-10.5	V	3.0	43.5	1.0	-53.0	-13.0	-40.0		1415.00	-18.0	H	3.0	43.0	1.0	-60.0	-13.0	-47.0		2122.50	-14.6	H	3.0	44.0	1.0	-57.6	-13.0	-44.6		2830.00	-10.8	H	3.0	43.5	1.0	-53.3	-13.0	-40.3		High Ch, 713.5MHz										1427.00	-15.8	V	3.0	43.0	1.0	-57.9	-13.0	-44.9		2140.50	-13.6	V	3.0	44.0	1.0	-56.6	-13.0	-43.6		2854.00	-10.9	V	3.0	43.5	1.0	-53.4	-13.0	-40.4		1427.00	-17.2	H	3.0	43.0	1.0	-59.2	-13.0	-46.2		2140.50	-14.3	H	3.0	44.0	1.0	-57.3	-13.0	-44.3		2854.00	-11.0	H	3.0	43.5	1.0	-53.5
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2854.00	-11.0	H	3.0	43.5	1.0	-53.5	-13.0	-40.5																																																																																																																																																																																																																										
10 MHz	QPSK	ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791615638 Date: 2025-01-19 Test Engineer: 26087 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 1 Mode: LTE_QPSK Band 12 Harmonics, 10MHz Bandwidth Test Voltage: AC 120 V, 60 Hz																																																																																																																																																																																																																															
			<table> <tr> <th>f MHz</th><th>SG reading (dBm)</th><th>Ant. Pol. (H/V)</th><th>Distance (m)</th><th>Preamp (dB)</th><th>Filter (dB)</th><th>EIRP (dBm)</th><th>Limit (dBm)</th><th>Delta (dB)</th><th>Notes</th></tr> <tr><td colspan="10">Low Ch, 704MHz</td></tr> <tr><td>1408.00</td><td>-15.5</td><td>V</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-57.5</td><td>-13.0</td><td>-44.5</td><td></td></tr> <tr><td>2112.00</td><td>-12.9</td><td>V</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.0</td><td>-13.0</td><td>-43.0</td><td></td></tr> <tr><td>2816.00</td><td>-10.5</td><td>V</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.1</td><td>-13.0</td><td>-40.1</td><td></td></tr> <tr><td>1408.00</td><td>-16.5</td><td>H</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-58.5</td><td>-13.0</td><td>-45.5</td><td></td></tr> <tr><td>2112.00</td><td>-13.5</td><td>H</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.6</td><td>-13.0</td><td>-43.6</td><td></td></tr> <tr><td>2816.00</td><td>-10.8</td><td>H</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.3</td><td>-13.0</td><td>-40.3</td><td></td></tr> <tr><td colspan="10">Mid Ch, 707.5MHz</td></tr> <tr><td>1415.00</td><td>-15.4</td><td>V</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-57.4</td><td>-13.0</td><td>-44.4</td><td></td></tr> <tr><td>2122.50</td><td>-12.3</td><td>V</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-55.3</td><td>-13.0</td><td>-42.3</td><td></td></tr> <tr><td>2830.00</td><td>-10.4</td><td>V</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.0</td><td>-13.0</td><td>-40.0</td><td></td></tr> <tr><td>1415.00</td><td>-16.1</td><td>H</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-58.1</td><td>-13.0</td><td>-45.1</td><td></td></tr> <tr><td>2122.50</td><td>-13.5</td><td>H</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.6</td><td>-13.0</td><td>-43.6</td><td></td></tr> <tr><td>2830.00</td><td>-10.7</td><td>H</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.2</td><td>-13.0</td><td>-40.2</td><td></td></tr> <tr><td colspan="10">High Ch, 711MHz</td></tr> <tr><td>1422.00</td><td>-16.1</td><td>V</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-58.2</td><td>-13.0</td><td>-45.2</td><td></td></tr> <tr><td>2133.00</td><td>-12.3</td><td>V</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-55.3</td><td>-13.0</td><td>-42.3</td><td></td></tr> <tr><td>2844.00</td><td>-10.4</td><td>V</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-52.9</td><td>-13.0</td><td>-39.9</td><td></td></tr> <tr><td>1422.00</td><td>-17.1</td><td>H</td><td>3.0</td><td>43.0</td><td>1.0</td><td>-59.1</td><td>-13.0</td><td>-46.1</td><td></td></tr> <tr><td>2133.00</td><td>-13.5</td><td>H</td><td>3.0</td><td>44.0</td><td>1.0</td><td>-56.5</td><td>-13.0</td><td>-43.5</td><td></td></tr> <tr><td>2844.00</td><td>-10.6</td><td>H</td><td>3.0</td><td>43.5</td><td>1.0</td><td>-53.1</td><td>-13.0</td><td>-40.1</td><td></td></tr> </table>							f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	Low Ch, 704MHz										1408.00	-15.5	V	3.0	43.0	1.0	-57.5	-13.0	-44.5		2112.00	-12.9	V	3.0	44.0	1.0	-56.0	-13.0	-43.0		2816.00	-10.5	V	3.0	43.5	1.0	-53.1	-13.0	-40.1		1408.00	-16.5	H	3.0	43.0	1.0	-58.5	-13.0	-45.5		2112.00	-13.5	H	3.0	44.0	1.0	-56.6	-13.0	-43.6		2816.00	-10.8	H	3.0	43.5	1.0	-53.3	-13.0	-40.3		Mid Ch, 707.5MHz										1415.00	-15.4	V	3.0	43.0	1.0	-57.4	-13.0	-44.4		2122.50	-12.3	V	3.0	44.0	1.0	-55.3	-13.0	-42.3		2830.00	-10.4	V	3.0	43.5	1.0	-53.0	-13.0	-40.0		1415.00	-16.1	H	3.0	43.0	1.0	-58.1	-13.0	-45.1		2122.50	-13.5	H	3.0	44.0	1.0	-56.6	-13.0	-43.6		2830.00	-10.7	H	3.0	43.5	1.0	-53.2	-13.0	-40.2		High Ch, 711MHz										1422.00	-16.1	V	3.0	43.0	1.0	-58.2	-13.0	-45.2		2133.00	-12.3	V	3.0	44.0	1.0	-55.3	-13.0	-42.3		2844.00	-10.4	V	3.0	43.5	1.0	-52.9	-13.0	-39.9		1422.00	-17.1	H	3.0	43.0	1.0	-59.1	-13.0	-46.1		2133.00	-13.5	H	3.0	44.0	1.0	-56.5	-13.0	-43.5		2844.00	-10.6	H	3.0	43.5	1.0	-53.1
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes																																																																																																																																																																																																																									
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2112.00	-12.9	V	3.0	44.0	1.0	-56.0	-13.0	-43.0																																																																																																																																																																																																																										
2816.00	-10.5	V	3.0	43.5	1.0	-53.1	-13.0	-40.1																																																																																																																																																																																																																										
1408.00	-16.5	H	3.0	43.0	1.0	-58.5	-13.0	-45.5																																																																																																																																																																																																																										
2112.00	-13.5	H	3.0	44.0	1.0	-56.6	-13.0	-43.6																																																																																																																																																																																																																										
2816.00	-10.8	H	3.0	43.5	1.0	-53.3	-13.0	-40.3																																																																																																																																																																																																																										
Mid Ch, 707.5MHz																																																																																																																																																																																																																																		
1415.00	-15.4	V	3.0	43.0	1.0	-57.4	-13.0	-44.4																																																																																																																																																																																																																										
2122.50	-12.3	V	3.0	44.0	1.0	-55.3	-13.0	-42.3																																																																																																																																																																																																																										
2830.00	-10.4	V	3.0	43.5	1.0	-53.0	-13.0	-40.0																																																																																																																																																																																																																										
1415.00	-16.1	H	3.0	43.0	1.0	-58.1	-13.0	-45.1																																																																																																																																																																																																																										
2122.50	-13.5	H	3.0	44.0	1.0	-56.6	-13.0	-43.6																																																																																																																																																																																																																										
2830.00	-10.7	H	3.0	43.5	1.0	-53.2	-13.0	-40.2																																																																																																																																																																																																																										
High Ch, 711MHz																																																																																																																																																																																																																																		
1422.00	-16.1	V	3.0	43.0	1.0	-58.2	-13.0	-45.2																																																																																																																																																																																																																										
2133.00	-12.3	V	3.0	44.0	1.0	-55.3	-13.0	-42.3																																																																																																																																																																																																																										
2844.00	-10.4	V	3.0	43.5	1.0	-52.9	-13.0	-39.9																																																																																																																																																																																																																										
1422.00	-17.1	H	3.0	43.0	1.0	-59.1	-13.0	-46.1																																																																																																																																																																																																																										
2133.00	-13.5	H	3.0	44.0	1.0	-56.5	-13.0	-43.5																																																																																																																																																																																																																										
2844.00	-10.6	H	3.0	43.5	1.0	-53.1	-13.0	-40.1																																																																																																																																																																																																																										

LTE Band 13

5 MHz QPSK ANT A	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-01-21									
	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	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 779.5MHz									
	1559.00	-15.4	V	3.0	43.3	1.0	-57.7	-40.0	-17.7	
	2338.50	-12.9	V	3.0	43.9	1.0	-55.8	-13.0	-42.8	
	3118.00	-10.5	V	3.0	43.5	1.0	-53.0	-13.0	-40.0	
	1559.00	-15.2	H	3.0	43.3	1.0	-57.5	-40.0	-17.5	
	2338.50	-13.3	H	3.0	43.9	1.0	-56.2	-13.0	-43.2	
	3118.00	-10.6	H	3.0	43.5	1.0	-53.2	-13.0	-40.2	
	Mid Ch, 782MHz									
	1564.00	-16.3	V	3.0	43.3	1.0	-58.6	-40.0	-18.6	
	2346.00	-12.8	V	3.0	43.9	1.0	-55.7	-13.0	-42.7	
	3128.00	-10.5	V	3.0	43.5	1.0	-53.0	-13.0	-40.0	
	1564.00	-17.0	H	3.0	43.3	1.0	-59.3	-40.0	-19.3	
	2346.00	-11.7	H	3.0	43.9	1.0	-54.6	-13.0	-41.6	
	3128.00	-10.5	H	3.0	43.5	1.0	-53.1	-13.0	-40.1	
	High Ch, 784.5MHz									
1569.00	-16.2	V	3.0	43.3	1.0	-58.5	-40.0	-18.5		
2353.50	-12.8	V	3.0	43.9	1.0	-55.7	-13.0	-42.7		
3138.00	-10.5	V	3.0	43.6	1.0	-53.0	-13.0	-40.0		
1569.00	-16.5	H	3.0	43.3	1.0	-58.8	-40.0	-18.8		
2353.50	-13.3	H	3.0	43.9	1.0	-56.2	-13.0	-43.2		
3138.00	-10.5	H	3.0	43.6	1.0	-53.1	-13.0	-40.1		
5 MHz QPSK ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-01-19									
	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	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 779.5MHz									
	1559.00	-22.8	V	3.0	43.3	1.0	-65.1	-40.0	-25.1	
	2338.50	-11.9	V	3.0	43.9	1.0	-54.8	-13.0	-41.8	
	3118.00	-9.8	V	3.0	43.5	1.0	-52.3	-13.0	-39.3	
	1559.00	-21.8	H	3.0	43.3	1.0	-64.0	-40.0	-24.0	
	2338.50	-12.4	H	3.0	43.9	1.0	-55.3	-13.0	-42.3	
	3118.00	-9.9	H	3.0	43.5	1.0	-52.4	-13.0	-39.4	
	Mid Ch, 782MHz									
	1564.00	-22.9	V	3.0	43.3	1.0	-65.1	-40.0	-25.1	
	2346.00	-11.9	V	3.0	43.9	1.0	-54.8	-13.0	-41.8	
	3128.00	-9.8	V	3.0	43.5	1.0	-52.3	-13.0	-39.3	
	1564.00	-21.3	H	3.0	43.3	1.0	-63.6	-40.0	-23.6	
	2346.00	-12.4	H	3.0	43.9	1.0	-55.3	-13.0	-42.3	
	3128.00	-9.8	H	3.0	43.5	1.0	-52.3	-13.0	-39.3	
	High Ch, 784.5MHz									
1569.00	-22.9	V	3.0	43.3	1.0	-65.2	-40.0	-25.2		
2353.50	-12.0	V	3.0	43.9	1.0	-54.9	-13.0	-41.9		
3138.00	-9.7	V	3.0	43.6	1.0	-52.3	-13.0	-39.3		
1569.00	-19.0	H	3.0	43.3	1.0	-61.3	-40.0	-21.3		
2353.50	-12.5	H	3.0	43.9	1.0	-55.4	-13.0	-42.4		
3138.00	-9.8	H	3.0	43.6	1.0	-52.3	-13.0	-39.3		

LTE Band 41 (PC2)

5 MHz QPSK ANT B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4791615638 Date: 2025-02-14 Test Engineer: 26087 Configuration: EUT / AC Adapter, X-Position Location: Chamber 1 Mode: LTE_QPSK Band 41 Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2498.5MHz									
	4997.00	-15.8	V	3.0	44.6	1.0	-59.4	-25.0	-34.4	
	7495.50	-14.2	V	3.0	44.7	1.0	-57.9	-25.0	-32.9	
	9994.00	-10.5	V	3.0	42.9	1.0	-52.4	-25.0	-27.4	
	4997.00	-16.3	H	3.0	44.6	1.0	-59.9	-25.0	-34.9	
	7495.50	-14.2	H	3.0	44.7	1.0	-57.9	-25.0	-32.9	
	9994.00	-11.7	H	3.0	42.9	1.0	-53.6	-25.0	-28.6	
	Mid Ch, 2593MHz									
	5186.00	-15.8	V	3.0	44.6	1.0	-59.4	-25.0	-34.4	
	7779.00	-11.8	V	3.0	44.5	1.0	-55.3	-25.0	-30.3	
	10372.00	-9.6	V	3.0	42.9	1.0	-51.5	-25.0	-26.5	
	5186.00	-16.0	H	3.0	44.6	1.0	-59.6	-25.0	-34.6	
	7779.00	-12.6	H	3.0	44.5	1.0	-56.1	-25.0	-31.1	
	10372.00	-12.0	H	3.0	42.9	1.0	-53.9	-25.0	-28.9	
	High Ch, 2687.5MHz									
	5375.00	-15.6	V	3.0	44.6	1.0	-59.2	-25.0	-34.2	
	8062.50	-14.0	V	3.0	44.4	1.0	-57.4	-25.0	-32.4	
	10750.00	-9.0	V	3.0	42.9	1.0	-50.9	-25.0	-25.9	
5375.00	-15.8	H	3.0	44.6	1.0	-59.4	-25.0	-34.4		
8062.50	-14.1	H	3.0	44.4	1.0	-57.5	-25.0	-32.5		
10750.00	-11.5	H	3.0	42.9	1.0	-53.4	-25.0	-28.4		
20 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung Project #: 4791615638 Date: 2025-02-06 Test Engineer: 28775 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 1 Mode: LTE_QPSK Band 41 Harmonics, 20MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2506MHz									
	5012.00	-14.4	V	3.0	44.6	1.0	-58.0	-25.0	-33.0	
	7518.00	-12.5	V	3.0	44.7	1.0	-56.3	-25.0	-31.3	
	10024.00	-7.3	V	3.0	42.9	1.0	-49.2	-25.0	-24.2	
	5012.00	-14.4	H	3.0	44.6	1.0	-58.0	-25.0	-33.0	
	7518.00	-12.4	H	3.0	44.7	1.0	-56.1	-25.0	-31.1	
	10024.00	-7.4	H	3.0	42.9	1.0	-49.3	-25.0	-24.3	
	Mid Ch, 2593MHz									
	5186.00	-14.5	V	3.0	44.6	1.0	-58.0	-25.0	-33.0	
	7779.00	-12.5	V	3.0	44.5	1.0	-56.0	-25.0	-31.0	
	10372.00	-4.4	V	3.0	42.9	1.0	-46.3	-25.0	-21.3	
	5186.00	-14.4	H	3.0	44.6	1.0	-58.0	-25.0	-33.0	
	7779.00	-12.1	H	3.0	44.5	1.0	-55.7	-25.0	-30.7	
	10372.00	-3.0	H	3.0	42.9	1.0	-44.8	-25.0	-19.8	
	High Ch, 2680MHz									
	5360.00	-13.9	V	3.0	44.6	1.0	-57.5	-25.0	-32.5	
	8040.00	-12.2	V	3.0	44.4	1.0	-55.6	-25.0	-30.6	
	10720.00	-6.9	V	3.0	42.9	1.0	-48.7	-25.0	-23.7	
5360.00	-13.8	H	3.0	44.6	1.0	-57.4	-25.0	-32.4		
8040.00	-12.7	H	3.0	44.4	1.0	-56.1	-25.0	-31.1		
10720.00	-7.2	H	3.0	42.9	1.0	-49.0	-25.0	-24.0		

LTE Band 66

20 MHz QPSK ANT A		UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791615638 Date: 2025-02-06 Test Engineer: 28775 Configuration: EUT / Y-Position Location: Chamber 1 Mode: LTE_QPSK Band 66 Harmonics, 20MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
		f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
		Low Ch, 1720MHz									
		3440.00	-8.2	V	3.0	43.9	1.0	-51.2	-13.0	-38.2	
		5160.00	-7.0	V	3.0	44.6	1.0	-50.6	-13.0	-37.6	
		6880.00	-3.3	V	3.0	45.1	1.0	-47.4	-13.0	-34.4	
		3440.00	-8.1	H	3.0	43.9	1.0	-51.1	-13.0	-38.1	
		5160.00	-7.1	H	3.0	44.6	1.0	-50.7	-13.0	-37.7	
		6880.00	-3.0	H	3.0	45.1	1.0	-47.0	-13.0	-34.0	
		Mid Ch, 1745MHz									
		3490.00	-7.9	V	3.0	44.0	1.0	-50.8	-13.0	-37.8	
		5235.00	-6.8	V	3.0	44.6	1.0	-50.4	-13.0	-37.4	
		6980.00	-3.1	V	3.0	45.1	1.0	-47.2	-13.0	-34.2	
		3490.00	-7.9	H	3.0	44.0	1.0	-50.9	-13.0	-37.9	
		5235.00	-6.9	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
		6980.00	-2.2	H	3.0	45.1	1.0	-46.3	-13.0	-33.3	
		High Ch, 1770MHz									
		3540.00	-7.8	V	3.0	44.0	1.0	-50.8	-13.0	-37.8	
		5310.00	-6.8	V	3.0	44.6	1.0	-50.4	-13.0	-37.4	
		7080.00	-3.6	V	3.0	45.1	1.0	-47.6	-13.0	-34.6	
		3540.00	-7.7	H	3.0	44.0	1.0	-50.8	-13.0	-37.8	
		5310.00	-6.9	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
		7080.00	-3.1	H	3.0	45.1	1.0	-47.1	-13.0	-34.1	
5 MHz QPSK ANT F		UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement Company: Samsung Project #: 4791615638 Date: 2025-02-05 Test Engineer: 26087 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 1 Mode: LTE_QPSK Band 66 Harmonics, 5MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
		f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
		Low Ch, 1712.5MHz									
		3425.00	-8.4	V	3.0	43.9	1.0	-51.3	-13.0	-38.3	
		5137.50	-7.1	V	3.0	44.6	1.0	-50.7	-13.0	-37.7	
		6850.00	-4.4	V	3.0	45.1	1.0	-48.5	-13.0	-35.5	
		3425.00	-8.4	H	3.0	43.9	1.0	-51.3	-13.0	-38.3	
		5137.50	-7.2	H	3.0	44.6	1.0	-50.7	-13.0	-37.7	
		6850.00	-4.2	H	3.0	45.1	1.0	-48.3	-13.0	-35.3	
		Mid Ch, 1745MHz									
		3490.00	-8.1	V	3.0	44.0	1.0	-51.1	-13.0	-38.1	
		5235.00	-6.9	V	3.0	44.6	1.0	-50.5	-13.0	-37.5	
		6980.00	-4.1	V	3.0	45.1	1.0	-48.2	-13.0	-35.2	
		3490.00	-8.1	H	3.0	44.0	1.0	-51.1	-13.0	-38.1	
		5235.00	-6.9	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
		6980.00	-3.8	H	3.0	45.1	1.0	-47.9	-13.0	-34.9	
		High Ch, 1777.5MHz									
		3555.00	-7.9	V	3.0	44.1	1.0	-50.9	-13.0	-37.9	
		5332.50	-6.8	V	3.0	44.6	1.0	-50.4	-13.0	-37.4	
		7110.00	-3.5	V	3.0	45.0	1.0	-47.6	-13.0	-34.6	
		3555.00	-7.8	H	3.0	44.1	1.0	-50.9	-13.0	-37.9	
		5332.50	-6.9	H	3.0	44.6	1.0	-50.5	-13.0	-37.5	
		7110.00	-2.9	H	3.0	45.0	1.0	-47.0	-13.0	-34.0	

NR Band n41 (PC3, Switching) DFT-s OFDM

50 MHz QPSK ANT B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-15									
	Test Engineer: 28775									
	Configuration: EUT / AC Adapter, Y-Position									
	Location: Chamber 1									
	Mode: 5G NR_QPSK NR n41 Harmonics, 50MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2521.01MHz									
	5042.02	-16.8	V	3.0	44.6	1.0	-60.4	-25.0	-35.4	
	7563.03	-14.0	V	3.0	44.7	1.0	-57.7	-25.0	-32.7	
	10084.04	-10.8	V	3.0	42.9	1.0	-52.7	-25.0	-27.7	
	5042.02	-17.1	H	3.0	44.6	1.0	-60.6	-25.0	-35.6	
	7563.03	-14.2	H	3.0	44.7	1.0	-57.9	-25.0	-32.9	
	10084.04	-11.2	H	3.0	42.9	1.0	-53.1	-25.0	-28.1	
	Mid Ch, 2592.99MHz									
	5185.98	-13.6	V	3.0	44.6	1.0	-57.2	-25.0	-32.2	
	7778.97	-13.8	V	3.0	44.5	1.0	-57.4	-25.0	-32.4	
	10371.96	-14.0	V	3.0	42.9	1.0	-55.9	-25.0	-30.9	
	5185.98	-12.5	H	3.0	44.6	1.0	-56.1	-25.0	-31.1	
	7778.97	-13.9	H	3.0	44.5	1.0	-57.4	-25.0	-32.4	
	10371.96	-10.9	H	3.0	42.9	1.0	-52.8	-25.0	-27.8	
	High Ch, 2665MHz									
5330.00	-16.4	V	3.0	44.6	1.0	-60.0	-25.0	-35.0		
7995.00	-14.2	V	3.0	44.4	1.0	-57.6	-25.0	-32.6		
10660.00	-10.4	V	3.0	42.9	1.0	-52.3	-25.0	-27.3		
5330.00	-16.3	H	3.0	44.6	1.0	-59.9	-25.0	-34.9		
7995.00	-14.3	H	3.0	44.4	1.0	-57.7	-25.0	-32.7		
10660.00	-11.6	H	3.0	42.9	1.0	-53.5	-25.0	-28.5		
10 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-18									
	Test Engineer: 27089									
	Configuration: EUT / AC Adapter, Y-Position									
	Location: Chamber 2									
	Mode: 5G NR n41(SRS) Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2501.01MHz									
	5002.02	-15.7	V	3.0	43.3	1.0	-58.0	-25.0	-33.0	
	7503.03	-16.5	V	3.0	42.9	1.0	-58.4	-25.0	-33.4	
	10004.04	-12.1	V	3.0	41.6	1.0	-52.7	-25.0	-27.7	
	5002.02	-14.6	H	3.0	43.3	1.0	-56.9	-25.0	-31.9	
	7503.03	-16.5	H	3.0	42.9	1.0	-58.4	-25.0	-33.4	
	10004.04	-12.7	H	3.0	41.6	1.0	-53.2	-25.0	-28.2	
	Mid Ch, 2592.99MHz									
	5185.98	-12.3	V	3.0	43.3	1.0	-54.6	-25.0	-29.6	
	7778.97	-16.3	V	3.0	42.8	1.0	-58.1	-25.0	-33.1	
	10371.96	-10.5	V	3.0	41.3	1.0	-50.8	-25.0	-25.8	
	5185.98	-12.3	H	3.0	43.3	1.0	-54.6	-25.0	-29.6	
	7778.97	-16.1	H	3.0	42.8	1.0	-57.8	-25.0	-32.8	
	10371.96	-10.6	H	3.0	41.3	1.0	-50.9	-25.0	-25.9	
	High Ch, 2685MHz									
5370.00	-14.9	V	3.0	43.4	1.0	-57.3	-25.0	-32.3		
8055.00	-16.5	V	3.0	42.6	1.0	-58.1	-25.0	-33.1		
10740.00	-10.0	V	3.0	40.9	1.0	-49.9	-25.0	-24.9		
5370.00	-15.9	H	3.0	43.4	1.0	-58.3	-25.0	-33.3		
8055.00	-16.6	H	3.0	42.6	1.0	-58.2	-25.0	-33.2		
10740.00	-11.3	H	3.0	40.9	1.0	-51.2	-25.0	-26.2		

10 MHz	QPSK	ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement						
			Company: Samsung Project #: 4791615638 Date: 2025-02-19 Test Engineer: 27089 Configuration: EUT / AC Adapter, X-Position Location: Chamber 2 Mode: 5G NR n41(SRS) Harmonics, 10MHz Bandwidth Test Votage: AC 120 V, 60 Hz						
40 MHz	QPSK	ANT K	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement						
			Company: Samsung Project #: 4791615638 Date: 2025-02-19 Test Engineer: 27089 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 2 Mode: 5G NR n41(SRS) Harmonics, 40MHz Bandwidth Test Votage: AC 120 V, 60 Hz						

NR Band n41 (PC3) DFT-s OFDM

100 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-14									
	Test Engineer: 28775									
	Configuration: EUT / AC Adapter, Z-Position									
	Location: Chamber 1									
	Mode: 5G NR_QPSK NR n41 Harmonics, 100MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2546.01MHz									
	5092.02	-15.5	V	3.0	44.6	1.0	-59.0	-25.0	-34.0	
	7638.03	-13.1	V	3.0	44.6	1.0	-56.7	-25.0	-31.7	
	10184.04	-7.6	V	3.0	42.9	1.0	-49.5	-25.0	-24.5	
	5092.02	-15.4	H	3.0	44.6	1.0	-59.0	-25.0	-34.0	
	7638.03	-13.1	H	3.0	44.6	1.0	-56.7	-25.0	-31.7	
	10184.04	-4.6	H	3.0	42.9	1.0	-46.4	-25.0	-21.4	
	Mid Ch, 2592.99MHz									
	5185.98	-15.1	V	3.0	44.6	1.0	-58.7	-25.0	-33.7	
	7778.97	-13.1	V	3.0	44.5	1.0	-56.6	-25.0	-31.6	
	10371.96	-7.6	V	3.0	42.9	1.0	-49.5	-25.0	-24.5	
	5185.98	-15.0	H	3.0	44.6	1.0	-58.6	-25.0	-33.6	
	7778.97	-13.1	H	3.0	44.5	1.0	-56.7	-25.0	-31.7	
	10371.96	-4.9	H	3.0	42.9	1.0	-46.8	-25.0	-21.8	
	High Ch, 2640MHz									
	5280.00	-15.1	V	3.0	44.6	1.0	-58.7	-25.0	-33.7	
	7920.00	-12.7	V	3.0	44.4	1.0	-56.1	-25.0	-31.1	
10560.00	-8.9	V	3.0	42.9	1.0	-50.8	-25.0	-25.8		
5280.00	-14.5	H	3.0	44.6	1.0	-58.1	-25.0	-33.1		
7920.00	-12.7	H	3.0	44.4	1.0	-56.1	-25.0	-31.1		
10560.00	-6.7	H	3.0	42.9	1.0	-48.6	-25.0	-23.6		
10 MHz QPSK ANT B	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-17									
	Test Engineer: 26460									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 2									
	Mode: 5G NR n41(SRS) Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2501.01MHz									
	5002.02	-16.9	V	3.0	43.3	1.0	-59.2	-25.0	-34.2	
	7503.03	-13.2	V	3.0	42.9	1.0	-55.2	-25.0	-30.2	
	10004.04	-11.1	V	3.0	41.6	1.0	-51.6	-25.0	-26.6	
	5002.02	-17.1	H	3.0	43.3	1.0	-59.3	-25.0	-34.3	
	7503.03	-16.6	H	3.0	42.9	1.0	-58.5	-25.0	-33.5	
	10004.04	-12.6	H	3.0	41.6	1.0	-53.2	-25.0	-28.2	
	Mid Ch, 2592.99MHz									
	5185.98	-15.1	V	3.0	43.3	1.0	-57.4	-25.0	-32.4	
	7778.97	-15.6	V	3.0	42.8	1.0	-57.4	-25.0	-32.4	
	10371.96	-6.3	V	3.0	41.3	1.0	-46.5	-25.0	-21.5	
	5185.98	-16.8	H	3.0	43.3	1.0	-59.1	-25.0	-34.1	
	7778.97	-16.4	H	3.0	42.8	1.0	-58.2	-25.0	-33.2	
	10371.96	-10.7	H	3.0	41.3	1.0	-51.0	-25.0	-26.0	
	High Ch, 2685MHz									
	5370.00	-16.0	V	3.0	43.4	1.0	-58.4	-25.0	-33.4	
	8055.00	-16.0	V	3.0	42.6	1.0	-57.6	-25.0	-32.6	
10740.00	-8.1	V	3.0	40.9	1.0	-48.1	-25.0	-23.1		
5370.00	-16.5	H	3.0	43.4	1.0	-58.9	-25.0	-33.9		
8055.00	-16.1	H	3.0	42.6	1.0	-57.7	-25.0	-32.7		
10740.00	-11.2	H	3.0	40.9	1.0	-51.2	-25.0	-26.2		

10 MHz QPSK ANT E	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-18									
	Test Engineer: 28183									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 2									
	Mode: 5G NR n41(SRS) Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2501.01MHz									
	5002.02	-16.1	V	3.0	43.3	1.0	-58.4	-25.0	-33.4	
	7503.03	-15.1	V	3.0	42.9	1.0	-57.0	-25.0	-32.0	
	10004.04	-10.7	V	3.0	41.6	1.0	-51.3	-25.0	-26.3	
	5002.02	-16.2	H	3.0	43.3	1.0	-58.5	-25.0	-33.5	
	7503.03	-16.4	H	3.0	42.9	1.0	-58.4	-25.0	-33.4	
	10004.04	-12.2	H	3.0	41.6	1.0	-52.8	-25.0	-27.8	
	Mid Ch, 2592.99MHz									
	5185.98	-14.5	V	3.0	43.3	1.0	-56.8	-25.0	-31.8	
	7778.97	-8.4	V	3.0	42.8	1.0	-50.2	-25.0	-25.2	
	10371.96	-5.9	V	3.0	41.3	1.0	-46.2	-25.0	-21.2	
	5185.98	-15.8	H	3.0	43.3	1.0	-58.1	-25.0	-33.1	
	7778.97	-11.6	H	3.0	42.8	1.0	-53.3	-25.0	-28.3	
	10371.96	-10.5	H	3.0	41.3	1.0	-50.7	-25.0	-25.7	
	High Ch, 2685MHz									
	5370.00	-14.4	V	3.0	43.4	1.0	-56.7	-25.0	-31.7	
8055.00	-7.5	V	3.0	42.6	1.0	-49.1	-25.0	-24.1		
10740.00	-7.0	V	3.0	40.9	1.0	-46.9	-25.0	-21.9		
5370.00	-16.4	H	3.0	43.4	1.0	-58.8	-25.0	-33.8		
8055.00	-11.7	H	3.0	42.6	1.0	-53.3	-25.0	-28.3		
10740.00	-10.4	H	3.0	40.9	1.0	-50.3	-25.0	-25.3		
30 MHz QPSK ANT K	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-18									
	Test Engineer: 27089									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 2									
	Mode: 5G NR n41(SRS) Harmonics, 30MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2511MHz									
	5022.00	-16.5	V	3.0	43.3	1.0	-58.7	-25.0	-33.7	
	7533.00	-14.7	V	3.0	42.9	1.0	-56.7	-25.0	-31.7	
	10044.00	-10.1	V	3.0	41.5	1.0	-50.6	-25.0	-25.6	
	5022.00	-16.2	H	3.0	43.3	1.0	-58.4	-25.0	-33.4	
	7533.00	-16.2	H	3.0	42.9	1.0	-58.1	-25.0	-33.1	
	10044.00	-12.1	H	3.0	41.5	1.0	-52.6	-25.0	-27.6	
	Mid Ch, 2592.99MHz									
	5185.98	-15.3	V	3.0	43.3	1.0	-57.7	-25.0	-32.7	
	7778.97	-13.9	V	3.0	42.8	1.0	-55.7	-25.0	-30.7	
	10371.96	-4.9	V	3.0	41.3	1.0	-45.2	-25.0	-20.2	
	5185.98	-16.6	H	3.0	43.3	1.0	-58.9	-25.0	-33.9	
	7778.97	-16.0	H	3.0	42.8	1.0	-57.8	-25.0	-32.8	
	10371.96	-10.9	H	3.0	41.3	1.0	-51.1	-25.0	-26.1	
	High Ch, 2675MHz									
	5350.00	-14.7	V	3.0	43.4	1.0	-57.1	-25.0	-32.1	
8025.00	-13.9	V	3.0	42.6	1.0	-55.5	-25.0	-30.5		
10700.00	-5.8	V	3.0	41.0	1.0	-45.8	-25.0	-20.8		
5350.00	-16.6	H	3.0	43.4	1.0	-59.0	-25.0	-34.0		
8025.00	-16.1	H	3.0	42.6	1.0	-57.7	-25.0	-32.7		
10700.00	-10.3	H	3.0	41.0	1.0	-50.3	-25.0	-25.3		

NR Band n66 DFT-s OFDM

40 MHz QPSK ANT A		UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
		Company: Samsung Project #: 4791615638 Date: 2025-02-14 Test Engineer: 26087 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 1 Mode: 5G NR_QPSK NR n66 Harmonics, 40MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
		f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
		Low Ch, 1730MHz									
		3460.00	-8.9	V	3.0	44.0	1.0	-51.9	-13.0	-38.9	
		5190.00	-7.4	V	3.0	44.6	1.0	-51.0	-13.0	-38.0	
		6920.00	-4.7	V	3.0	45.1	1.0	-48.8	-13.0	-35.8	
		3460.00	-8.8	H	3.0	44.0	1.0	-51.8	-13.0	-38.8	
		5190.00	-7.6	H	3.0	44.6	1.0	-51.2	-13.0	-38.2	
		6920.00	-4.6	H	3.0	45.1	1.0	-48.6	-13.0	-35.6	
		Mid Ch, 1745MHz									
		3490.00	-8.8	V	3.0	44.0	1.0	-51.7	-13.0	-38.7	
		5235.00	-7.4	V	3.0	44.6	1.0	-51.0	-13.0	-38.0	
		6980.00	-4.2	V	3.0	45.1	1.0	-48.3	-13.0	-35.3	
		3490.00	-8.7	H	3.0	44.0	1.0	-51.7	-13.0	-38.7	
		5235.00	-7.5	H	3.0	44.6	1.0	-51.1	-13.0	-38.1	
		6980.00	-4.1	H	3.0	45.1	1.0	-48.2	-13.0	-35.2	
		High Ch, 1760MHz									
		3520.00	-8.6	V	3.0	44.0	1.0	-51.6	-13.0	-38.6	
		5280.00	-7.2	V	3.0	44.6	1.0	-50.8	-13.0	-37.8	
		7040.00	-4.5	V	3.0	45.1	1.0	-48.6	-13.0	-35.6	
		3520.00	-8.6	H	3.0	44.0	1.0	-51.6	-13.0	-38.6	
		5280.00	-7.3	H	3.0	44.6	1.0	-50.9	-13.0	-37.9	
		7040.00	-4.4	H	3.0	45.1	1.0	-48.4	-13.0	-35.4	
40 MHz QPSK ANT F	R	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
		Company: Samsung Project #: 4791615638 Date: 2025-02-12 Test Engineer: 26087 Configuration: EUT / AC Adapter, Y-Position Location: Chamber 2 Mode: 5G NR_QPSK NR n66 Harmonics, 40MHz Bandwidth Test Votage: AC 120 V, 60 Hz									
		f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
		Low Ch, 1730MHz									
		3460.00	-8.8	V	3.0	43.0	1.0	-50.8	-13.0	-37.8	
		5190.00	-8.1	V	3.0	43.3	1.0	-50.4	-13.0	-37.4	
		6920.00	-5.5	V	3.0	43.3	1.0	-47.8	-13.0	-34.8	
		3460.00	-8.7	H	3.0	43.0	1.0	-50.6	-13.0	-37.6	
		5190.00	-8.1	H	3.0	43.3	1.0	-50.4	-13.0	-37.4	
		6920.00	-5.5	H	3.0	43.3	1.0	-47.8	-13.0	-34.8	
		Mid Ch, 1745MHz									
		3490.00	-8.7	V	3.0	43.0	1.0	-50.7	-13.0	-37.7	
		5235.00	-7.8	V	3.0	43.3	1.0	-50.1	-13.0	-37.1	
		6980.00	-5.4	V	3.0	43.3	1.0	-47.7	-13.0	-34.7	
		3490.00	-8.5	H	3.0	43.0	1.0	-50.5	-13.0	-37.5	
		5235.00	-7.9	H	3.0	43.3	1.0	-50.2	-13.0	-37.2	
		6980.00	-5.3	H	3.0	43.3	1.0	-47.6	-13.0	-34.6	
		High Ch, 1760MHz									
		3520.00	-8.3	V	3.0	43.0	1.0	-50.3	-13.0	-37.3	
		5280.00	-8.0	V	3.0	43.3	1.0	-50.3	-13.0	-37.3	
		7040.00	-5.2	V	3.0	43.3	1.0	-47.4	-13.0	-34.4	
		3520.00	-8.1	H	3.0	43.0	1.0	-50.1	-13.0	-37.1	
		5280.00	-8.0	H	3.0	43.3	1.0	-50.3	-13.0	-37.3	
		7040.00	-5.2	H	3.0	43.3	1.0	-47.5	-13.0	-34.5	

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

90 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-19									
	Test Engineer: 28775									
	Configuration: EUT / AC Adapter, Z-Position									
	Location: Chamber 1									
	Mode: 5G NR_QPSK NR n77 LO Harmonics, 90MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3495MHz									
	6990.00	1.4	V	3.0	45.1	1.0	-42.7	-13.0	-29.7	
	10485.00	2.3	V	3.0	42.9	1.0	-39.6	-13.0	-26.6	
	13980.00	6.2	V	3.0	43.9	1.0	-36.7	-13.0	-23.7	
	6990.00	2.4	H	3.0	45.1	1.0	-41.7	-13.0	-28.7	
	10485.00	3.3	H	3.0	42.9	1.0	-38.6	-13.0	-25.6	
	13980.00	6.7	H	3.0	43.9	1.0	-36.2	-13.0	-23.2	
	Mid Ch, 3499.98MHz									
	6999.96	0.2	V	3.0	45.1	1.0	-43.9	-13.0	-30.9	
	10499.94	2.5	V	3.0	42.9	1.0	-39.4	-13.0	-26.4	
	13999.92	6.5	V	3.0	43.9	1.0	-36.4	-13.0	-23.4	
	6999.96	0.5	H	3.0	45.1	1.0	-43.6	-13.0	-30.6	
	10499.94	2.6	H	3.0	42.9	1.0	-39.3	-13.0	-26.3	
	13999.92	6.6	H	3.0	43.9	1.0	-36.3	-13.0	-23.3	
	High Ch, 3504MHz									
7008.00	1.8	V	3.0	45.1	1.0	-42.4	-13.0	-29.4		
10512.00	2.7	V	3.0	42.9	1.0	-39.2	-13.0	-26.2		
14016.00	6.1	V	3.0	43.9	1.0	-36.8	-13.0	-23.8		
7008.00	1.7	H	3.0	45.1	1.0	-42.4	-13.0	-29.4		
10512.00	3.3	H	3.0	42.9	1.0	-38.6	-13.0	-25.6		
14016.00	6.4	H	3.0	43.9	1.0	-36.5	-13.0	-23.5		
10 MHz SRS1 ANT C	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-19									
	Test Engineer: 27089									
	Configuration: EUT / AC Adapter, X-Position									
	Location: Chamber 2									
	Mode: 5G NR n77 LO(SRS) Harmonics, 10MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3455MHz									
	6910.00	2.7	V	3.0	43.3	1.0	-39.6	-13.0	-26.6	
	10365.00	0.6	V	3.0	41.3	1.0	-39.6	-13.0	-26.6	
	13820.00	6.9	V	3.0	40.0	1.0	-32.1	-13.0	-19.1	
	6910.00	-0.2	H	3.0	43.3	1.0	-42.5	-13.0	-29.5	
	10365.00	0.4	H	3.0	41.3	1.0	-39.9	-13.0	-26.9	
	13820.00	6.8	H	3.0	40.0	1.0	-32.2	-13.0	-19.2	
	Mid Ch, 3499.98MHz									
	6999.96	0.4	V	3.0	43.3	1.0	-41.9	-13.0	-28.9	
	10499.94	1.0	V	3.0	41.1	1.0	-39.1	-13.0	-26.1	
	13999.92	7.4	V	3.0	40.0	1.0	-31.6	-13.0	-18.6	
	6999.96	-2.5	H	3.0	43.3	1.0	-44.7	-13.0	-31.7	
	10499.94	1.0	H	3.0	41.1	1.0	-39.1	-13.0	-26.1	
	13999.92	7.4	H	3.0	40.0	1.0	-31.7	-13.0	-18.7	
	High Ch, 3544MHz									
7088.00	-2.8	V	3.0	43.2	1.0	-45.0	-13.0	-32.0		
10632.00	1.0	V	3.0	41.0	1.0	-39.0	-13.0	-26.0		
14176.00	7.5	V	3.0	40.1	1.0	-31.5	-13.0	-18.5		
7088.00	-4.4	H	3.0	43.2	1.0	-46.6	-13.0	-33.6		
10632.00	0.9	H	3.0	41.0	1.0	-39.1	-13.0	-26.1		
14176.00	7.4	H	3.0	40.1	1.0	-31.7	-13.0	-18.7		

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

90 MHz QPSK ANT F	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-21									
	Test Engineer: 28775									
	Configuration: EUT / X-Position									
	Location: Chamber 1									
	Mode: 5G NR_QPSK NR n77 UP Harmonics, 90MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3745MHz									
	7490.00	-0.3	V	3.0	44.8	1.0	-44.1	-13.0	-31.1	
	11235.00	3.7	V	3.0	42.9	1.0	-38.2	-13.0	-25.2	
	14980.00	8.3	V	3.0	44.4	1.0	-35.1	-13.0	-22.1	
	7490.00	-0.8	H	3.0	44.8	1.0	-44.6	-13.0	-31.6	
	11235.00	3.1	H	3.0	42.9	1.0	-38.8	-13.0	-25.8	
	14980.00	7.6	H	3.0	44.4	1.0	-35.8	-13.0	-22.8	
	Mid Ch, 3840MHz									
	7680.00	-1.0	V	3.0	44.6	1.0	-44.7	-13.0	-31.7	
	11520.00	4.4	V	3.0	42.9	1.0	-37.5	-13.0	-24.5	
	15360.00	8.1	V	3.0	44.5	1.0	-35.3	-13.0	-22.3	
	7680.00	-1.4	H	3.0	44.6	1.0	-45.1	-13.0	-32.1	
	11520.00	3.9	H	3.0	42.9	1.0	-38.0	-13.0	-25.0	
	15360.00	7.8	H	3.0	44.5	1.0	-35.7	-13.0	-22.7	
	High Ch, 3935MHz									
7870.00	-0.2	V	3.0	44.5	1.0	-43.7	-13.0	-30.7		
11805.00	6.0	V	3.0	42.9	1.0	-35.9	-13.0	-22.9		
15740.00	8.6	V	3.0	44.5	1.0	-35.0	-13.0	-22.0		
7870.00	-3.4	H	3.0	44.5	1.0	-46.9	-13.0	-33.9		
11805.00	4.5	H	3.0	42.9	1.0	-37.3	-13.0	-24.3		
15740.00	8.3	H	3.0	44.5	1.0	-35.3	-13.0	-22.3		
15 MHz SRS1 ANT C	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4791615638									
	Date: 2025-02-18									
	Test Engineer: 26087									
	Configuration: EUT / Z-Position									
	Location: Chamber 1									
	Mode: 5G NR n77 UP(SRS) Harmonics, 15MHz Bandwidth									
	Test Votage: AC 120 V, 60 Hz									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 3707.5MHz									
	7415.00	-4.1	V	3.0	44.8	1.0	-47.9	-13.0	-34.9	
	11122.50	0.2	V	3.0	42.9	1.0	-41.7	-13.0	-28.7	
	14830.00	3.9	V	3.0	44.3	1.0	-39.4	-13.0	-26.4	
	7415.00	-3.9	H	3.0	44.8	1.0	-47.7	-13.0	-34.7	
	11122.50	0.4	H	3.0	42.9	1.0	-41.5	-13.0	-28.5	
	14830.00	4.2	H	3.0	44.3	1.0	-39.1	-13.0	-26.1	
	Mid Ch, 3840MHz									
	7680.00	-4.2	V	3.0	44.6	1.0	-47.8	-13.0	-34.8	
	11520.00	0.6	V	3.0	42.9	1.0	-41.3	-13.0	-28.3	
	15360.00	4.7	V	3.0	44.5	1.0	-38.7	-13.0	-25.7	
	7680.00	-3.4	H	3.0	44.6	1.0	-47.0	-13.0	-34.0	
	11520.00	0.8	H	3.0	42.9	1.0	-41.1	-13.0	-28.1	
	15360.00	4.7	H	3.0	44.5	1.0	-38.8	-13.0	-25.8	
	High Ch, 3972.5MHz									
7945.00	-3.6	V	3.0	44.4	1.0	-47.0	-13.0	-34.0		
11917.50	1.6	V	3.0	42.9	1.0	-40.3	-13.0	-27.3		
15890.00	5.6	V	3.0	44.6	1.0	-38.0	-13.0	-25.0		
7945.00	-3.2	H	3.0	44.4	1.0	-46.7	-13.0	-33.7		
11917.50	1.4	H	3.0	42.9	1.0	-40.4	-13.0	-27.4		
15890.00	5.6	H	3.0	44.6	1.0	-38.0	-13.0	-25.0		

END OF REPORT