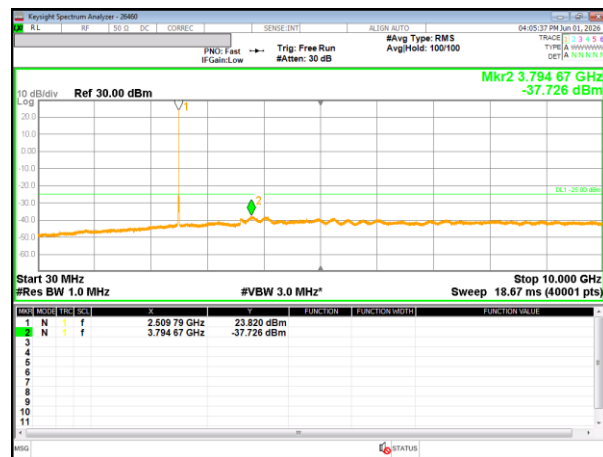
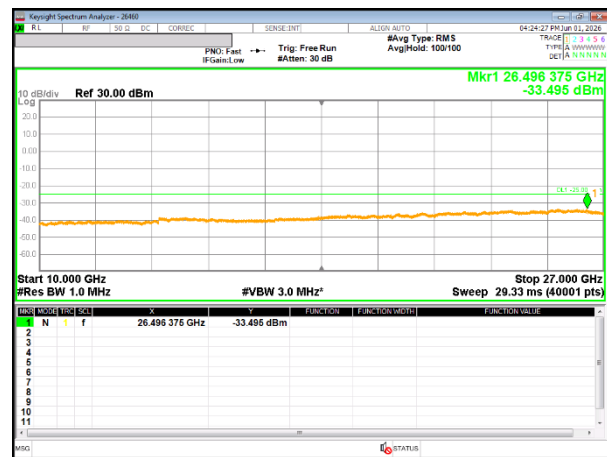


LTE Band 7 (ANT Sub 3)

20 MHz QPSK



Low channel



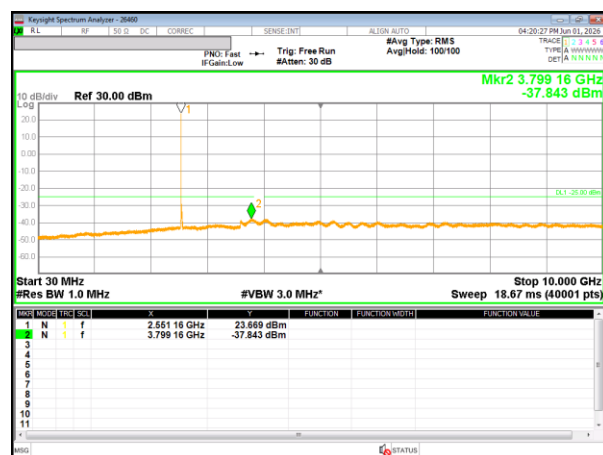
Low channel



Mid channel



Mid channel



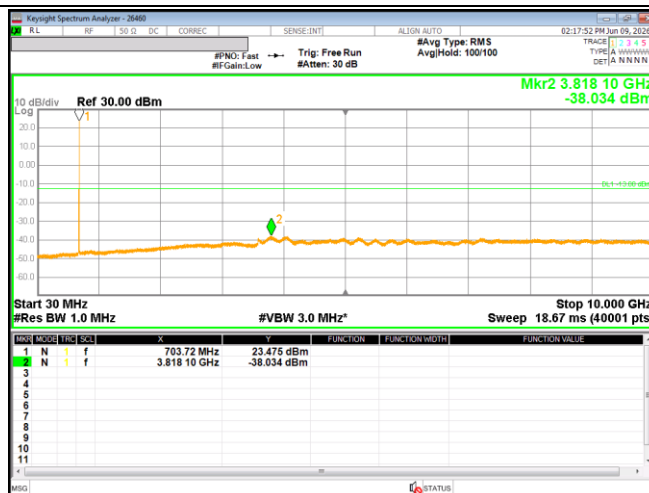
High channel



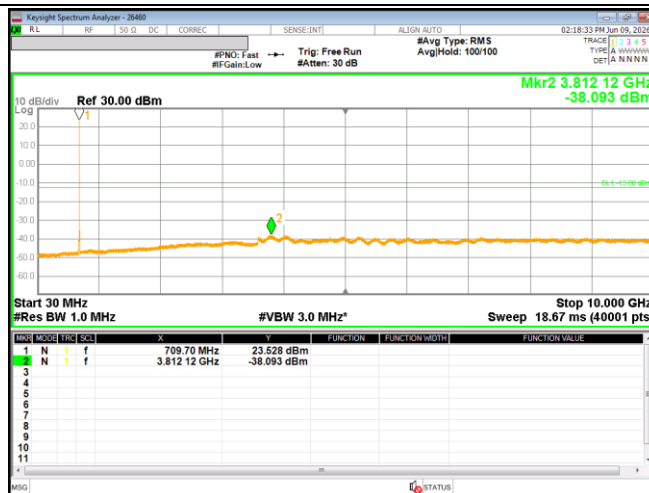
High channel

LTE Band 12 (ANT Main 1)

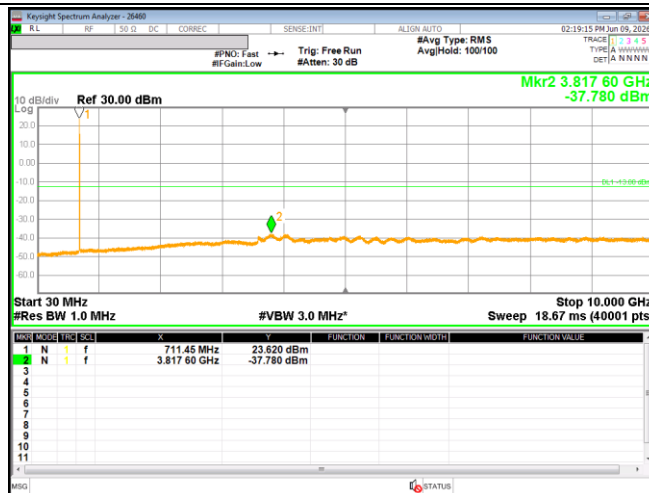
5 MHz QPSK



Low channel



Mid channel



High channel

LTE Band 13 (ANT Sub 1)

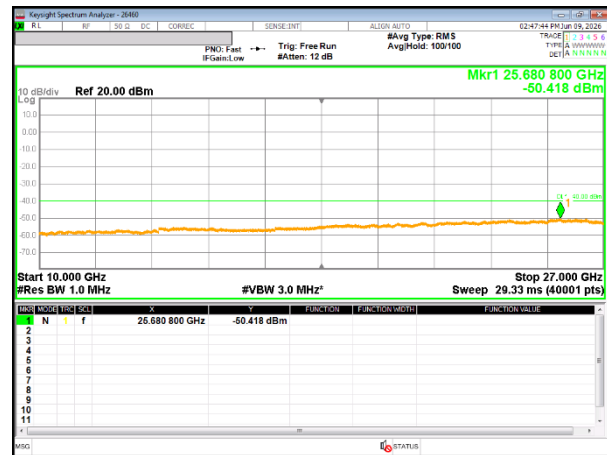


LTE Band 30 (ANT Main 1)

5 MHz QPSK



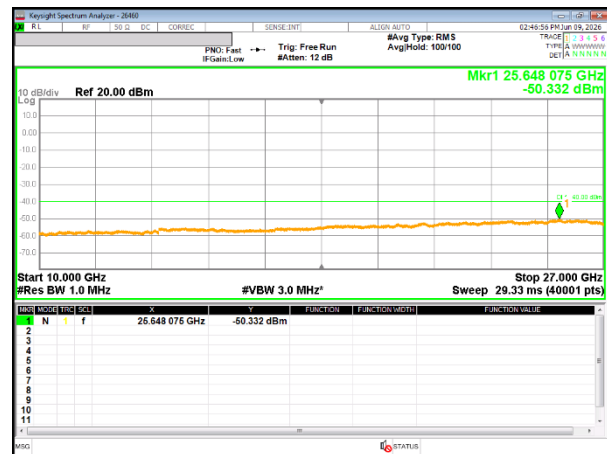
Low channel



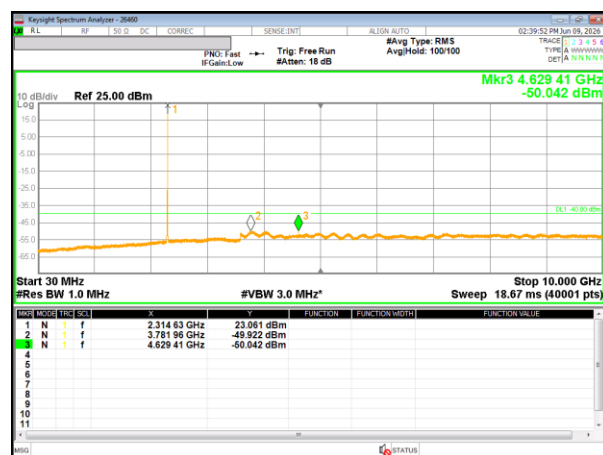
Low channel



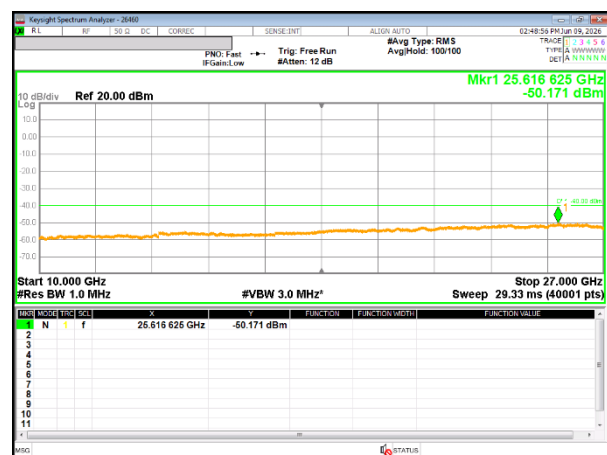
Mid channel



Mid channel



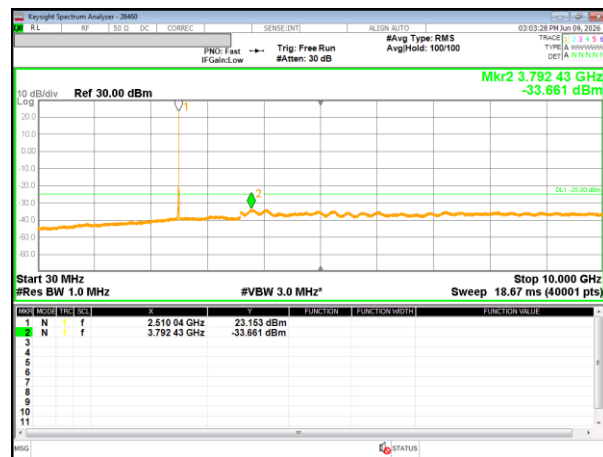
High channel



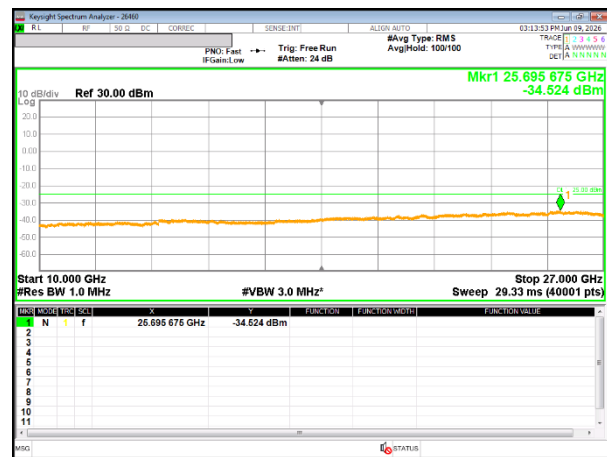
High channel

LTE Band 41(PC3) (ANT Main 1)

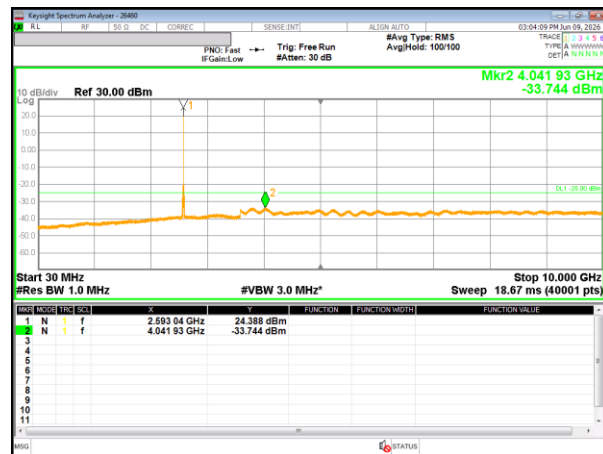
15 MHz QPSK



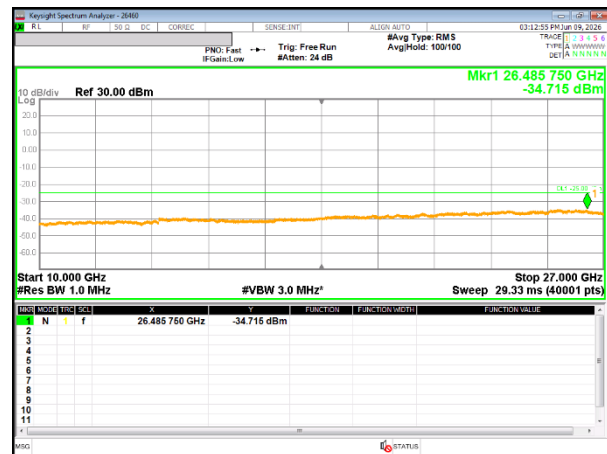
Low channel



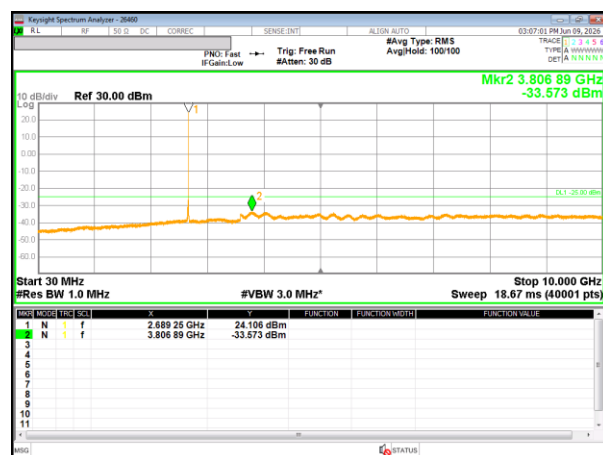
Low channel



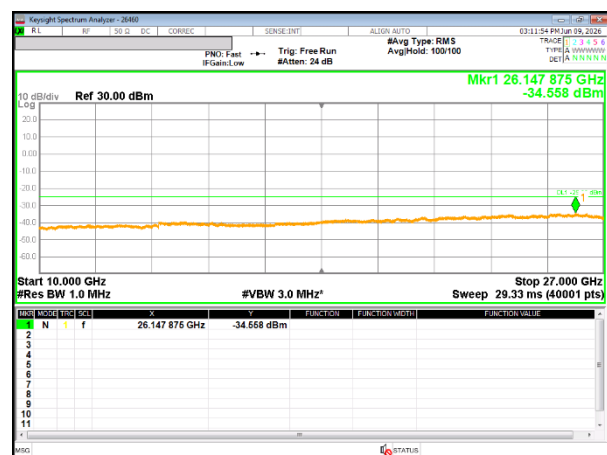
Mid channel



Mid channel



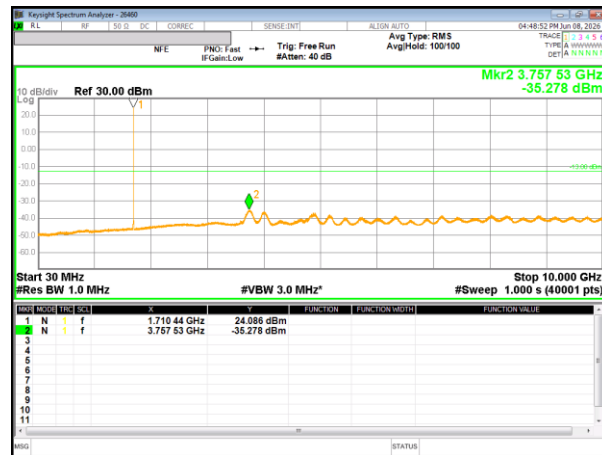
High channel



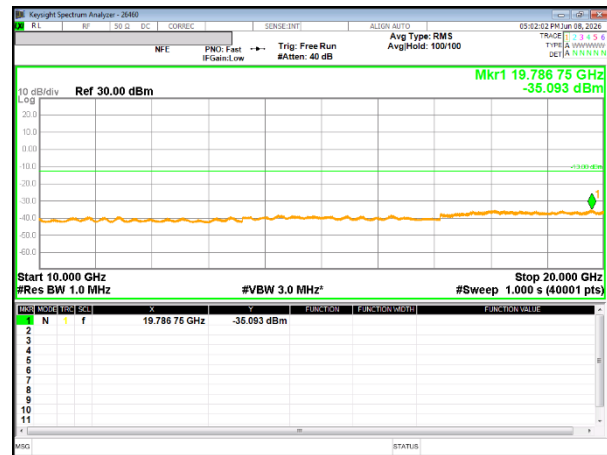
High channel

LTE Band 66 (ANT Main 1)

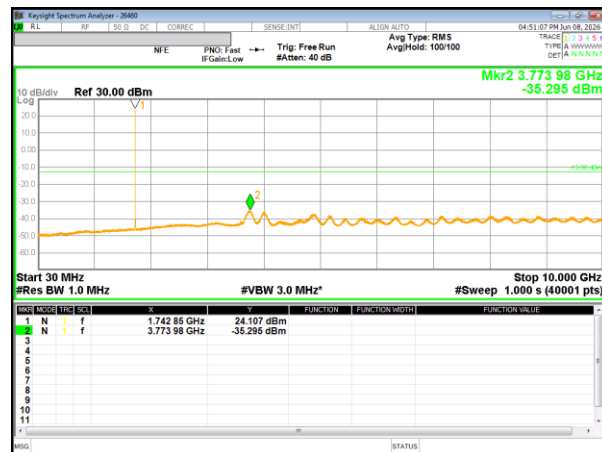
5 MHz QPSK



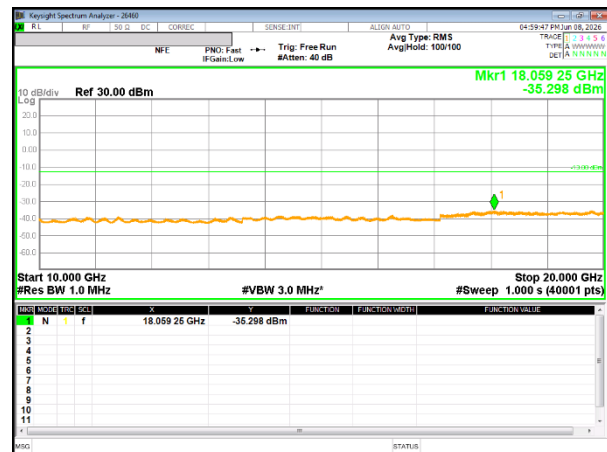
Low channel



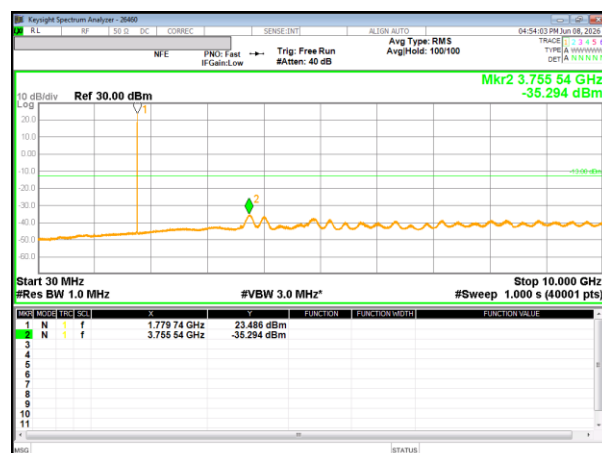
Low channel



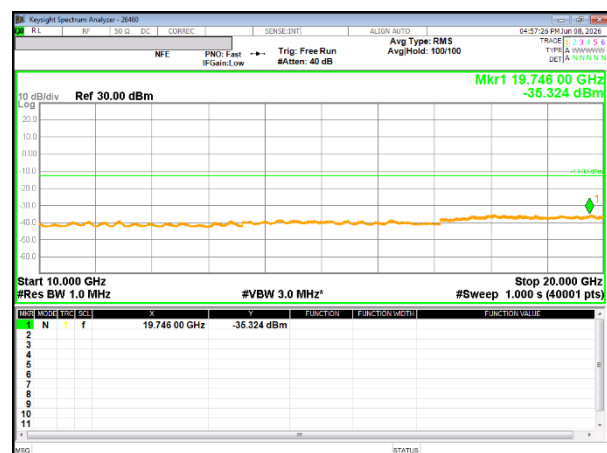
Mid channel



Mid channel



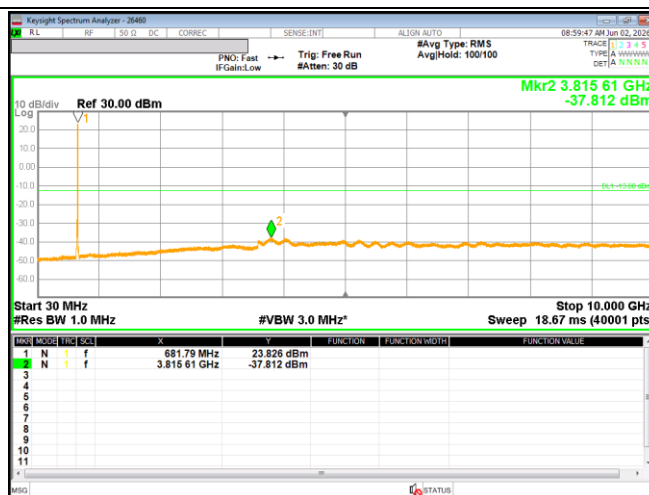
High channel



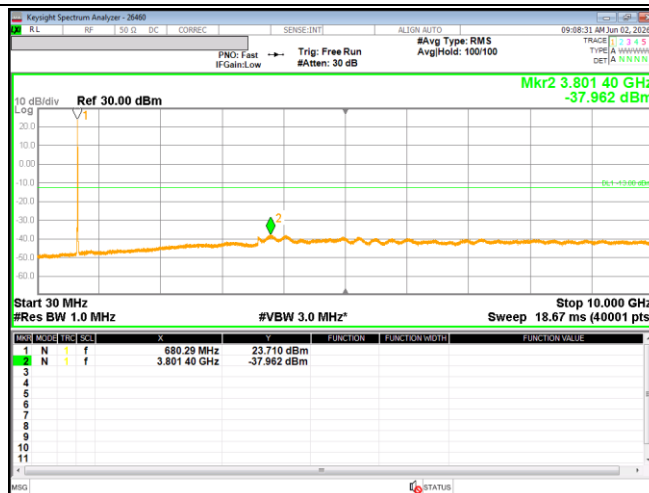
High channel

LTE Band 71 (ANT Sub 1)

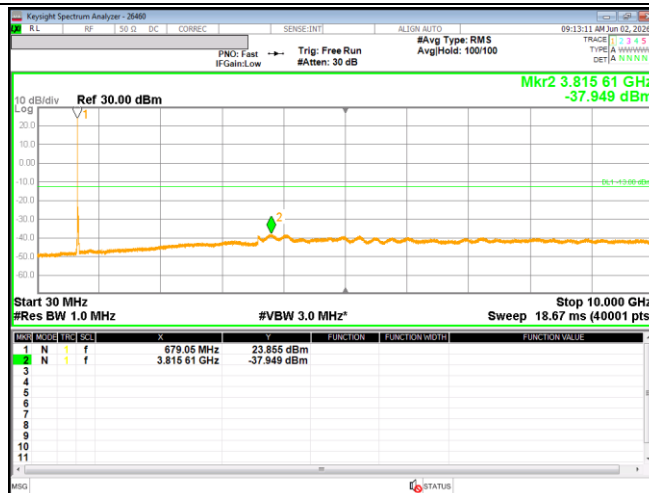
20 MHz QPSK



Low channel



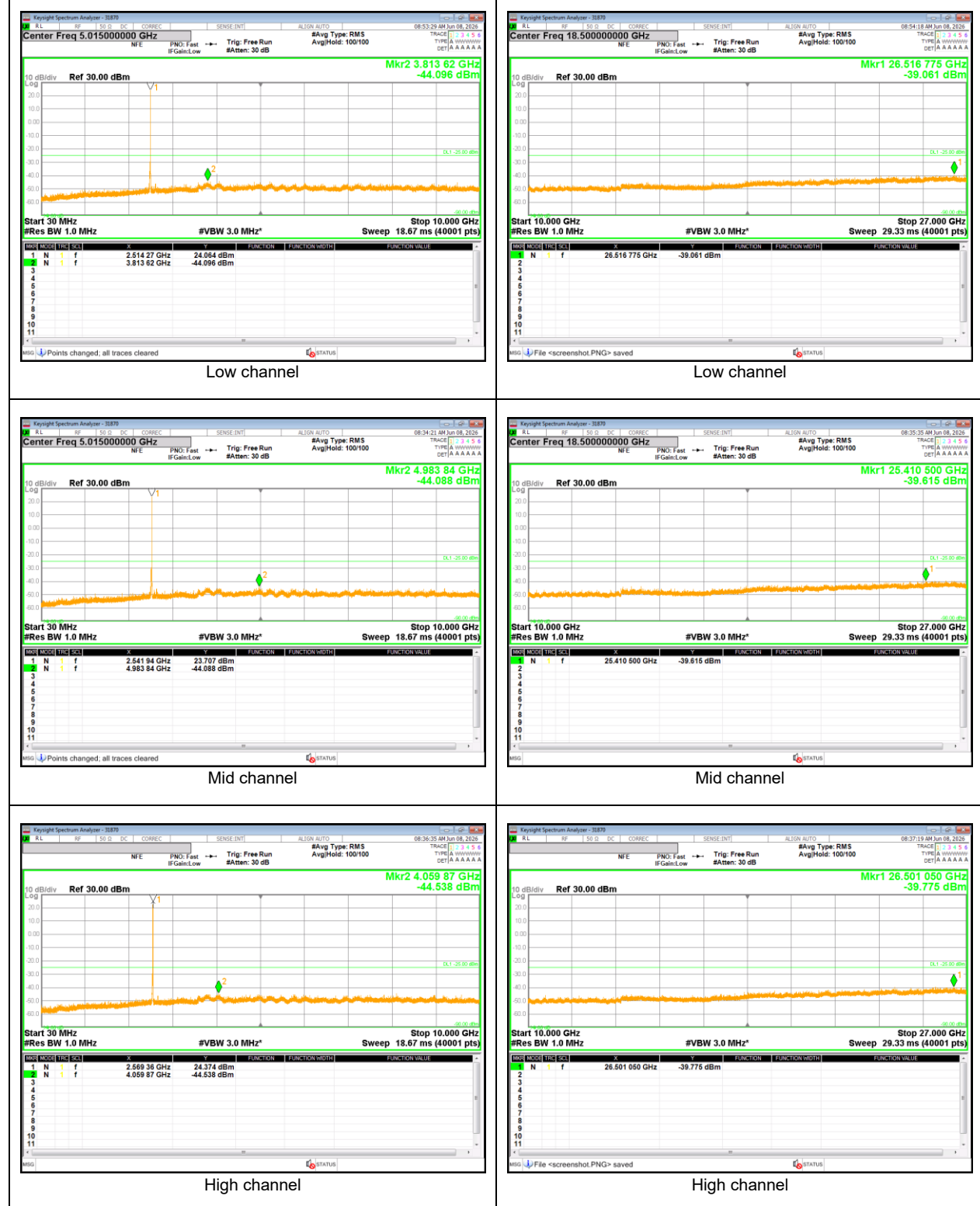
Mid channel



High channel

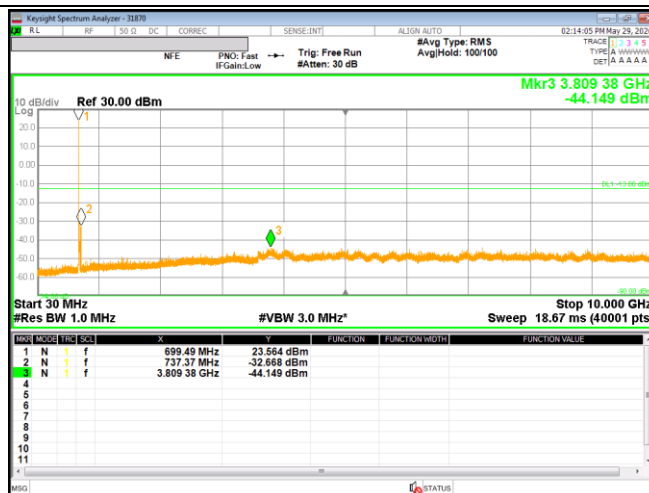
NR Band n7 (ANT Main 1)

15 MHz QPSK DFT-s_OFDM

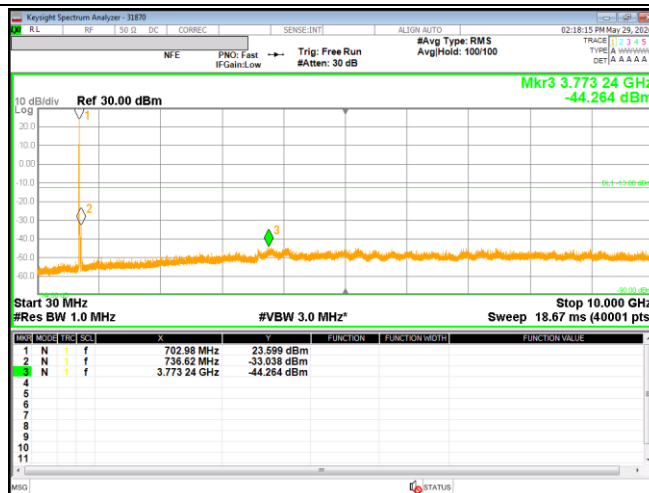


NR Band n12 (ANT Main 1)

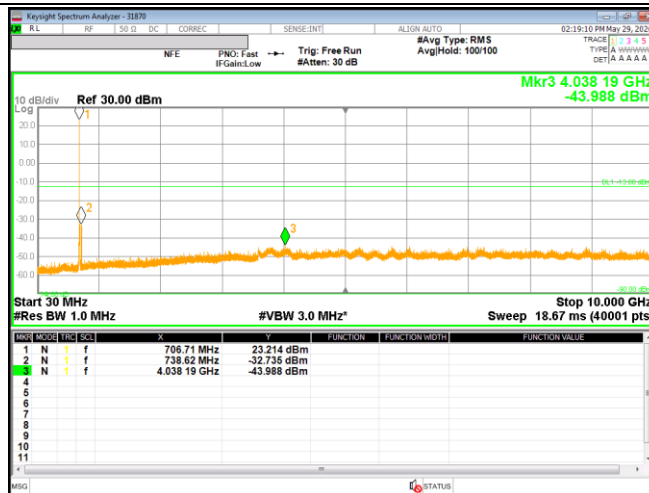
10 MHz QPSK DFT-s_OFDM



Low channel



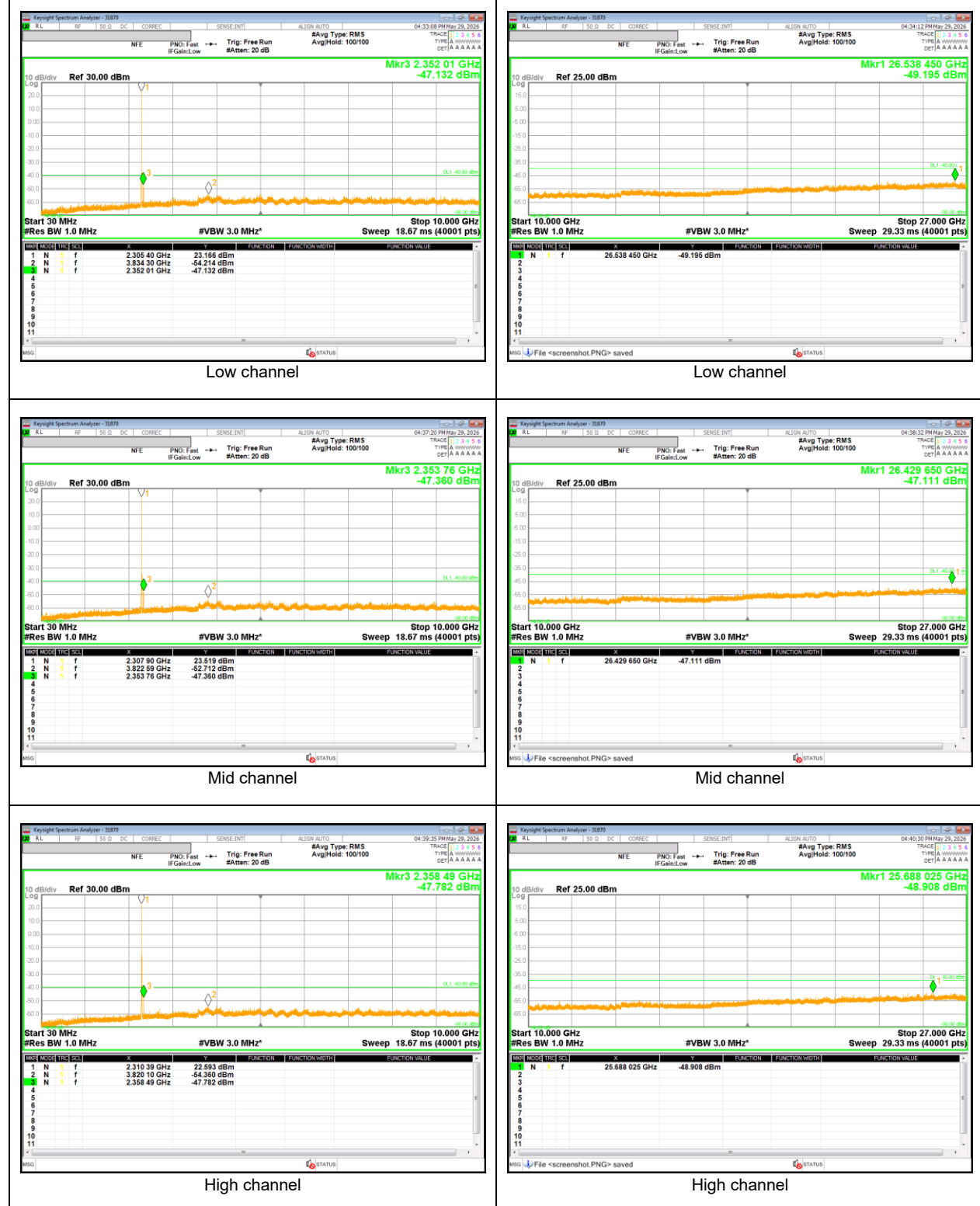
Mid channel



High channel

NR Band n30 (ANT Main 1)

5 MHz QPSK DFT-s_OFDM



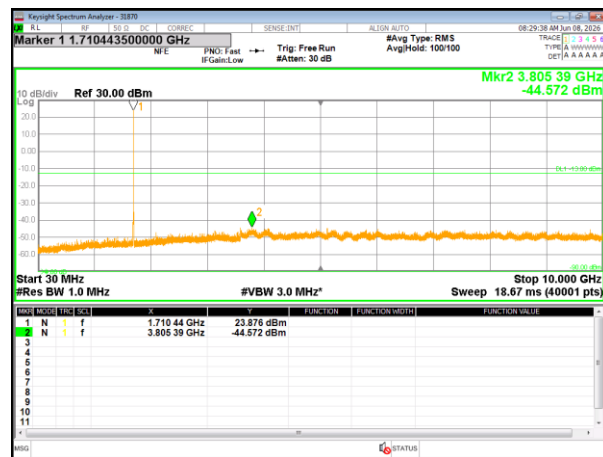
NR Band n41 (PC2) (ANT Main 1)

20 MHz QPSK DFT-s_OFDM

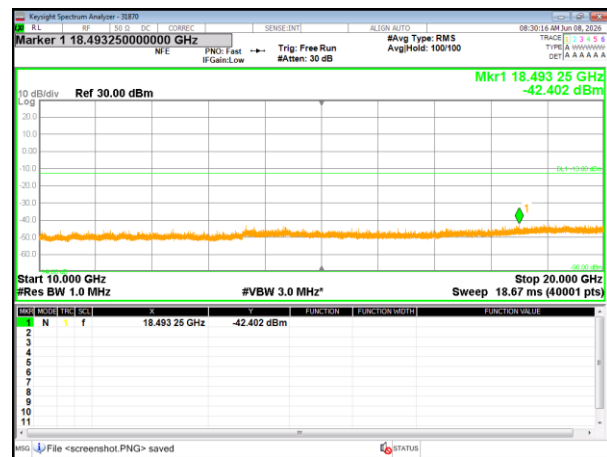


NR Band n66 (ANT Main 1)

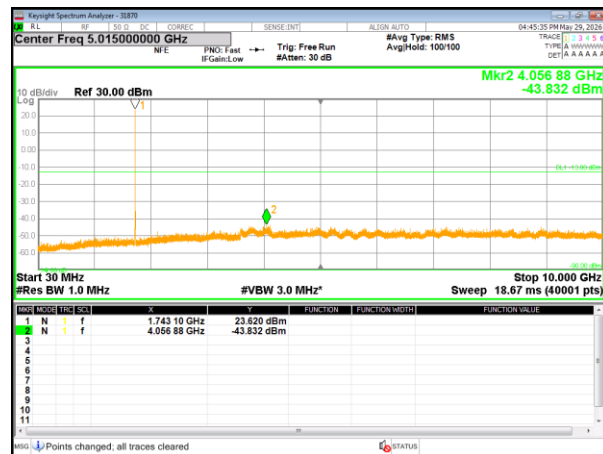
5 MHz QPSK DFT-s_OFDM



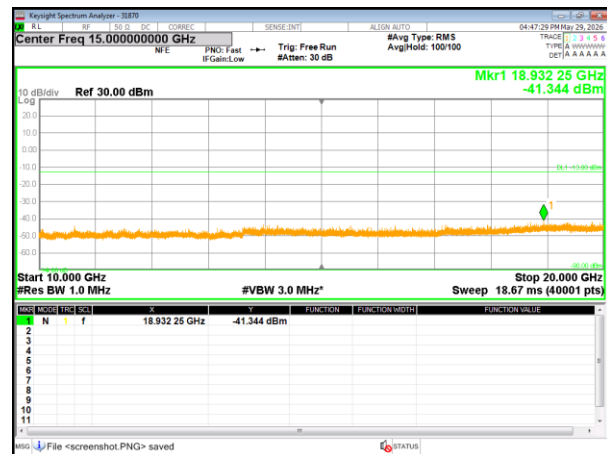
Low channel



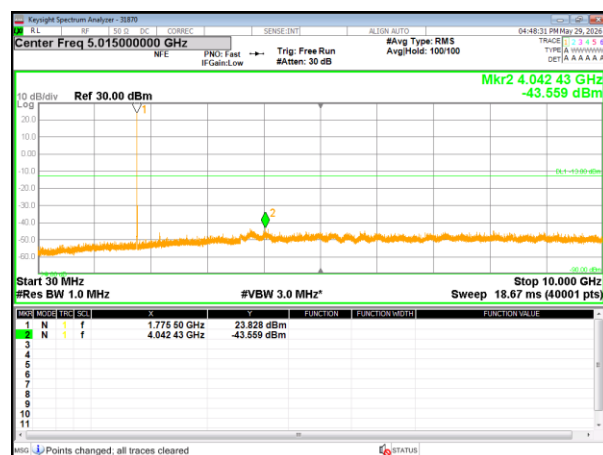
Low channel



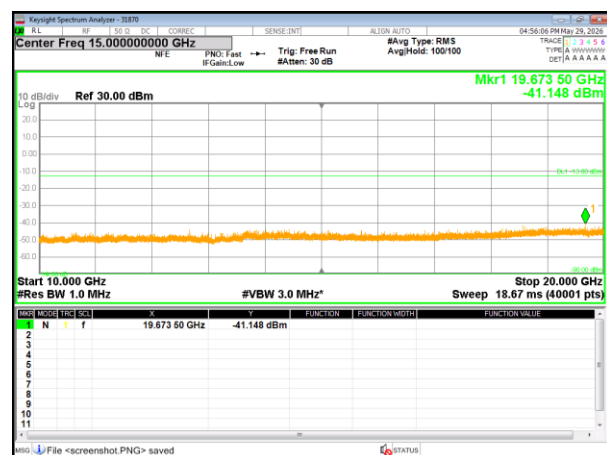
Mid channel



Mid channel



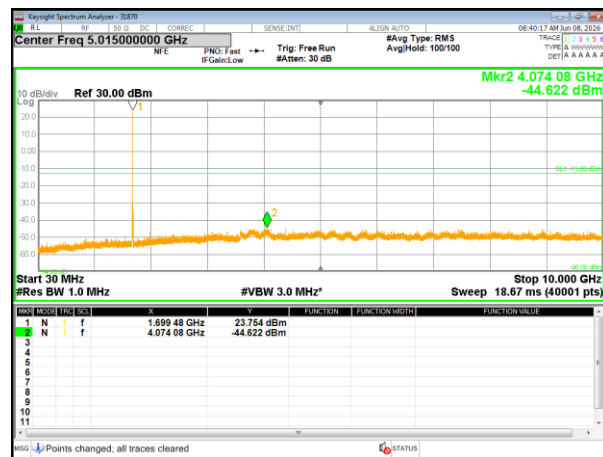
High channel



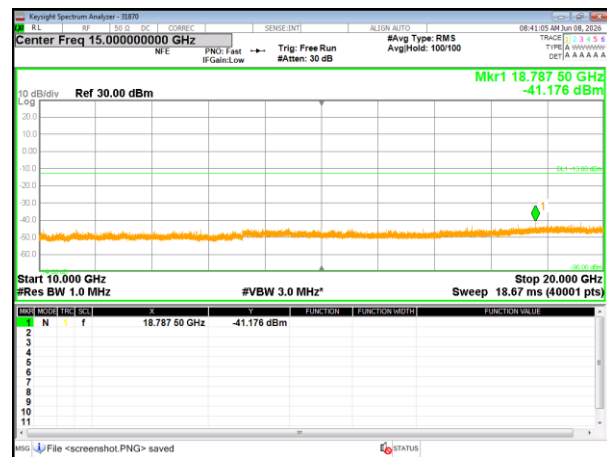
High channel

NR Band n70 (ANT Main 1)

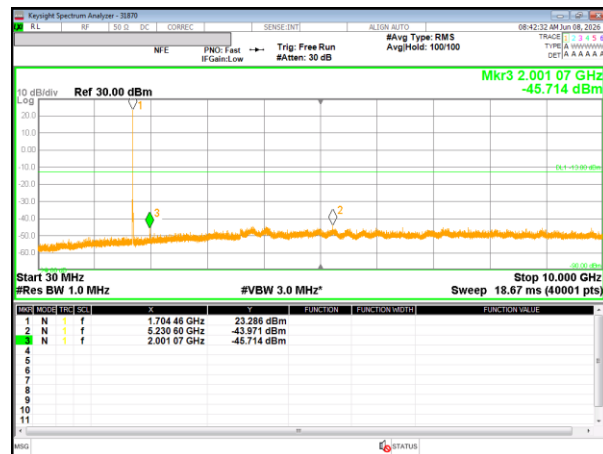
5 MHz QPSK DFT-s_OFDM



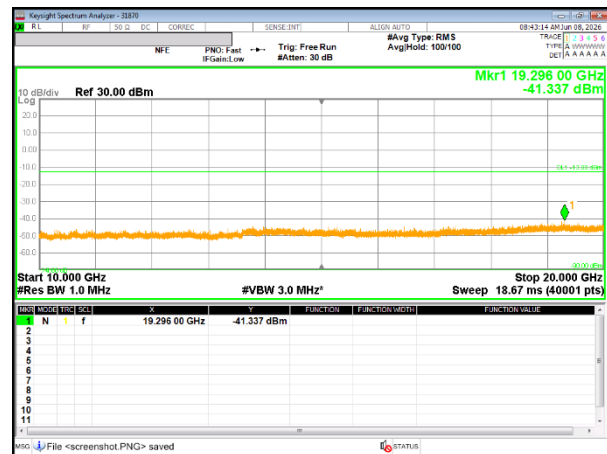
Low channel



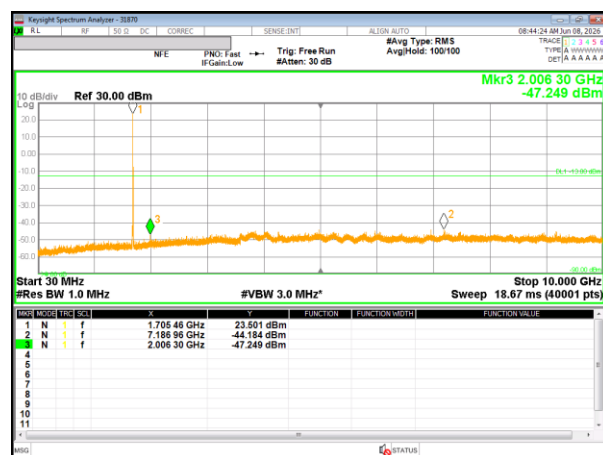
Low channel



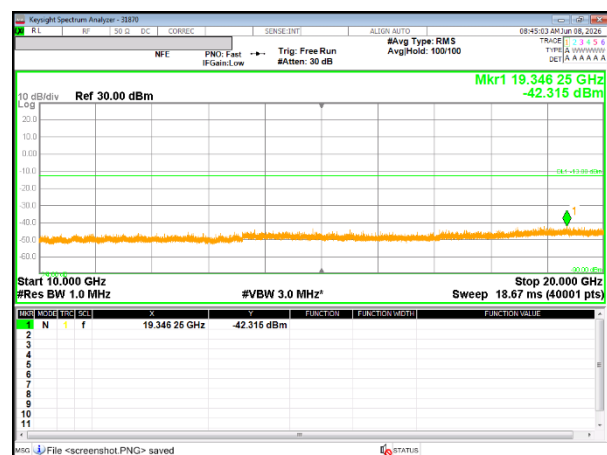
Mid channel



Mid channel



High channel



High channel

NR Band n71 (ANT Main 1)



NR Band n77 (PC2, 3450-3550 MHz) (ANT Main 2)

80 MHz QPSK DFT-s_OFDM



NR Band n77 (PC2, 3700-3980 MHz) (ANT Main 2)

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 B4 (Lowest Frequency: HSDPA / Highest Frequency: HSDPA)

Test Date	2026-05-21
Test Engineer	25546

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	1710.3240	1754.6740		
Extreme (50C)		1710.3240	1754.6740	30.1	0.017
Extreme (40C)		1710.3240	1754.6740	39.6	0.023
Extreme (30C)		1710.3240	1754.6740	43.5	0.025
Extreme (10C)		1710.3240	1754.6740	28.9	0.017
Extreme (0C)		1710.3240	1754.6740	36.4	0.021
Extreme (-10C)		1710.3240	1754.6740	33.1	0.019
Extreme (-20C)		1710.3240	1754.6740	22.7	0.013
Extreme (-30C)		1710.3240	1754.6740	26.9	0.016
20C	15%	1710.3240	1754.6740	20.4	0.012
	-15%	1710.3240	1754.6740	26.7	0.015
	End Point	1710.3240	1754.6740	34.6	0.020

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

Test Date	2026-05-22
Test Engineer	25546

Limit		2500	2570	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2500.2555	2569.7385		
Extreme (50C)		2500.2555	2569.7385	12.0	0.005
Extreme (40C)		2500.2555	2569.7385	15.2	0.006
Extreme (30C)		2500.2555	2569.7385	24.4	0.010
Extreme (10C)		2500.2555	2569.7385	10.0	0.004
Extreme (0C)		2500.2555	2569.7385	15.5	0.006
Extreme (-10C)		2500.2555	2569.7385	11.5	0.005
Extreme (-20C)		2500.2555	2569.7385	13.1	0.005
Extreme (-30C)		2500.2555	2569.7385	16.3	0.006
20C	15%	2500.2555	2569.7385	11.9	0.005
	-15%	2500.2555	2569.7385	13.1	0.005
	End Point	2500.2555	2569.7385	11.8	0.005

LTE Band 12 (Lowest Frequency: QPSK / Highest Frequency: QPSK)

Test Date	2026-05-22
Test Engineer	25546

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	699.1525	715.8440		
Extreme (50C)		699.1525	715.8440	12.1	0.017
Extreme (40C)		699.1525	715.8440	5.3	0.007
Extreme (30C)		699.1525	715.8440	4.8	0.007
Extreme (10C)		699.1525	715.8440	6.1	0.009
Extreme (0C)		699.1525	715.8440	4.8	0.007
Extreme (-10C)		699.1525	715.8440	12.4	0.017
Extreme (-20C)		699.1525	715.8440	11.5	0.016
Extreme (-30C)		699.1525	715.8440	6.5	0.009
20C	15%	699.1525	715.8440	6.4	0.009
	-15%	699.1525	715.8440	5.4	0.008
	End Point	699.1525	715.8440	12.5	0.018

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

Test Date	2026-05-22
Test Engineer	25546

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	777.2625	786.7430		
Extreme (50C)		777.2625	786.7430	7.2	0.009
Extreme (40C)		777.2625	786.7430	10.2	0.013
Extreme (30C)		777.2625	786.7430	8.9	0.011
Extreme (10C)		777.2625	786.7430	3.6	0.005
Extreme (0C)		777.2625	786.7430	13.6	0.017
Extreme (-10C)		777.2625	786.7430	8.4	0.011
Extreme (-20C)		777.2625	786.7430	5.6	0.007
Extreme (-30C)		777.2625	786.7430	7.8	0.010
20C	15%	777.2625	786.7430	14.7	0.019
	-15%	777.2625	786.7430	10.7	0.014
	End Point	777.2625	786.7430	7.9	0.010

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

Test Date	2026-05-13
Test Engineer	25546

Limit		2305	2315	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2305.2570	2314.7410		
Extreme (50C)		2305.2570	2314.7410	13.7	0.006
Extreme (40C)		2305.2570	2314.7410	8.5	0.004
Extreme (30C)		2305.2570	2314.7410	9.1	0.004
Extreme (10C)		2305.2570	2314.7410	12.8	0.006
Extreme (0C)		2305.2570	2314.7410	13.1	0.006
Extreme (-10C)		2305.2570	2314.7410	11.2	0.005
Extreme (-20C)		2305.2570	2314.7410	14.5	0.006
Extreme (-30C)		2305.2570	2314.7410	12.7	0.006
20C	15%	2305.2570	2314.7410	10.6	0.005
	-15%	2305.2570	2314.7410	13.6	0.006
	End Point	2305.2570	2314.7410	12.1	0.005

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

Test Date	2026-05-13
Test Engineer	25546

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	2496.2590	2689.7360		
Extreme (50C)		2496.2590	2689.7360	10.2	0.004
Extreme (40C)		2496.2590	2689.7360	16.1	0.006
Extreme (30C)		2496.2590	2689.7360	18.7	0.007
Extreme (10C)		2496.2590	2689.7360	11.3	0.004
Extreme (0C)		2496.2590	2689.7360	7.4	0.003
Extreme (-10C)		2496.2590	2689.7360	10.6	0.004
Extreme (-20C)		2496.2590	2689.7360	12.8	0.005
Extreme (-30C)		2496.2590	2689.7360	14.1	0.005
20C	15%	2496.2590	2689.7360	13.1	0.005
	-15%	2496.2590	2689.7360	12.2	0.005
	End Point	2496.2590	2689.7360	9.2	0.004

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

Test Date	2026-05-14
Test Engineer	25546

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	1710.1560	1779.8440		
Extreme (50C)		1710.1560	1779.8440	7.6	0.004
Extreme (40C)		1710.1560	1779.8440	10.5	0.006
Extreme (30C)		1710.1560	1779.8440	8.6	0.005
Extreme (10C)		1710.1560	1779.8440	5.5	0.003
Extreme (0C)		1710.1560	1779.8440	16.6	0.010
Extreme (-10C)		1710.1560	1779.8440	7.8	0.004
Extreme (-20C)		1710.1560	1779.8440	8.3	0.005
Extreme (-30C)		1710.1560	1779.8440	10.2	0.006
20C	15%	1710.1560	1779.8440	6.6	0.004
	-15%	1710.1560	1779.8440	13.3	0.008
	End Point	1710.1560	1779.8440	8.0	0.005

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

Test Date	2026-05-14
Test Engineer	25546

Limit		663	698	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	663.2570	697.7415		
Extreme (50C)		663.2570	697.7415	7.7	0.011
Extreme (40C)		663.2570	697.7415	11.4	0.017
Extreme (30C)		663.2570	697.7415	15.5	0.023
Extreme (10C)		663.2570	697.7415	6.3	0.009
Extreme (0C)		663.2570	697.7415	13.9	0.020
Extreme (-10C)		663.2570	697.7415	7.4	0.011
Extreme (-20C)		663.2570	697.7415	10.4	0.015
Extreme (-30C)		663.2570	697.7415	6.7	0.010
20C	15%	663.2570	697.7415	7.4	0.011
	-15%	663.2570	697.7415	12.5	0.018
	End Point	663.2570	697.7415	15.8	0.023

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

Test Date	2026-05-26
Test Engineer	31870

Limit		2500	2570	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2500.2569	2569.7390		
Extreme (50C)		2500.2569	2569.7390	20.3	0.008
Extreme (40C)		2500.2569	2569.7390	16.4	0.006
Extreme (30C)		2500.2569	2569.7390	23.5	0.009
Extreme (10C)		2500.2569	2569.7390	10.3	0.004
Extreme (0C)		2500.2569	2569.7390	15.5	0.006
Extreme (-10C)		2500.2569	2569.7390	22.6	0.009
Extreme (-20C)		2500.2569	2569.7390	30.4	0.012
Extreme (-30C)		2500.2569	2569.7390	11.3	0.004
20C	15%	2500.2569	2569.7390	15.7	0.006
	-15%	2500.2569	2569.7390	20.5	0.008
	End Point	2500.2569	2569.7390	12.0	0.005

NR Band n12 (Lowest Frequency: 16QAM / Highest Frequency: QPSK)

Test Date	2026-05-26
Test Engineer	31870

Limit		699	716	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	699.2575	715.7415		
Extreme (50C)		699.2575	715.7415	5.7	0.008
Extreme (40C)		699.2575	715.7415	9.4	0.013
Extreme (30C)		699.2575	715.7415	7.4	0.010
Extreme (10C)		699.2575	715.7415	11.3	0.016
Extreme (0C)		699.2575	715.7415	13.7	0.019
Extreme (-10C)		699.2575	715.7415	20.2	0.029
Extreme (-20C)		699.2575	715.7415	11.3	0.016
Extreme (-30C)		699.2575	715.7415	6.4	0.009
20C	15%	699.2575	715.7415	13.7	0.019
	-15%	699.2575	715.7415	15.5	0.022
	End Point	699.2575	715.7415	11.6	0.016

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

Test Date	2026-05-27
Test Engineer	31870

Limit		2305	2315	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	2305.2610	2314.7350		
Extreme (50C)		2305.2610	2314.7350	10.3	0.004
Extreme (40C)		2305.2610	2314.7350	16.3	0.007
Extreme (30C)		2305.2610	2314.7350	13.3	0.006
Extreme (10C)		2305.2610	2314.7350	17.3	0.007
Extreme (0C)		2305.2610	2314.7350	10.4	0.004
Extreme (-10C)		2305.2610	2314.7350	5.7	0.002
Extreme (-20C)		2305.2610	2314.7350	8.7	0.004
Extreme (-30C)		2305.2610	2314.7350	13.7	0.006
20C	15%	2305.2610	2314.7350	10.7	0.005
	-15%	2305.2610	2314.7350	16.5	0.007
	End Point	2305.2610	2314.7350	13.3	0.006

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

Test Date	2026-05-28
Test Engineer	31870

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	2496.7225	2689.2995		
Extreme (50C)		2496.7225	2689.2995	26.3	0.010
Extreme (40C)		2496.7225	2689.2995	15.5	0.006
Extreme (30C)		2496.7225	2689.2995	18.3	0.007
Extreme (10C)		2496.7225	2689.2995	20.1	0.008
Extreme (0C)		2496.7225	2689.2995	19.3	0.007
Extreme (-10C)		2496.7225	2689.2995	11.3	0.004
Extreme (-20C)		2496.7225	2689.2995	5.5	0.002
Extreme (-30C)		2496.7225	2689.2995	14.3	0.006
20C	15%	2496.7225	2689.2995	15.7	0.006
	-15%	2496.7225	2689.2995	26.6	0.010
	End Point	2496.7225	2689.2995	21.2	0.008

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

Test Date	2026-06-02
Test Engineer	31870

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	1710.2567	1779.7425		
Extreme (50C)		1710.2567	1779.7425	11.4	0.007
Extreme (40C)		1710.2567	1779.7425	15.5	0.009
Extreme (30C)		1710.2567	1779.7425	9.3	0.005
Extreme (10C)		1710.2567	1779.7425	13.3	0.008
Extreme (0C)		1710.2567	1779.7425	20.5	0.012
Extreme (-10C)		1710.2567	1779.7425	25.3	0.015
Extreme (-20C)		1710.2567	1779.7425	12.6	0.007
Extreme (-30C)		1710.2567	1779.7425	13.6	0.008
20C	15%	1710.2567	1779.7425	15.5	0.009
	-15%	1710.2567	1779.7425	10.3	0.006
	End Point	1710.2567	1779.7425	11.3	0.006

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

Test Date	2026-06-02
Test Engineer	31870

Limit		1695	1710	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	1695.2606	1709.7400		
Extreme (50C)		1695.2606	1709.7400	25.2	0.015
Extreme (40C)		1695.2606	1709.7400	11.4	0.007
Extreme (30C)		1695.2606	1709.7400	26.7	0.016
Extreme (10C)		1695.2606	1709.7400	45.4	0.027
Extreme (0C)		1695.2606	1709.7400	32.9	0.019
Extreme (-10C)		1695.2606	1709.7400	28.3	0.017
Extreme (-20C)		1695.2606	1709.7400	15.6	0.009
Extreme (-30C)		1695.2606	1709.7400	18.3	0.011
20C	15%	1695.2606	1709.7400	23.3	0.014
	-15%	1695.2606	1709.7400	27.2	0.016
	End Point	1695.2606	1709.7400	31.7	0.019

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

Test Date	2026-06-04
Test Engineer	31870

Limit		663	698	Delta (Hz)	Frequency Stability (ppm)
Condition		F low @ End of OBW	F high @ End of OBW		
Temperature	Voltage	(MHz)	(MHz)		
Normal (20C)	Normal	663.2560	697.7438		
Extreme (50C)		663.2560	697.7438	9.3	0.014
Extreme (40C)		663.2560	697.7438	11.7	0.017
Extreme (30C)		663.2560	697.7438	13.6	0.020
Extreme (10C)		663.2560	697.7438	8.3	0.012
Extreme (0C)		663.2560	697.7438	5.7	0.008
Extreme (-10C)		663.2560	697.7438	7.3	0.011
Extreme (-20C)		663.2560	697.7438	16.3	0.024
Extreme (-30C)		663.2560	697.7438	12.3	0.018
20C	15%	663.2560	697.7438	13.5	0.020
	-15%	663.2560	697.7438	7.4	0.011
	End Point	663.2560	697.7438	10.6	0.016

NR Band n77 (PC2, 3450-3550 MHz)

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

Test Date	2026-06-05
Test Engineer	31870

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	3450.6974	3549.2845		
Extreme (50C)		3450.6974	3549.2845	23.4	0.007
Extreme (40C)		3450.6974	3549.2845	19.3	0.006
Extreme (30C)		3450.6974	3549.2845	42.6	0.012
Extreme (10C)		3450.6974	3549.2845	35.0	0.010
Extreme (0C)		3450.6974	3549.2845	14.7	0.004
Extreme (-10C)		3450.6974	3549.2845	26.4	0.008
Extreme (-20C)		3450.6974	3549.2845	21.6	0.006
Extreme (-30C)		3450.6974	3549.2845	22.5	0.006
20C	15%	3450.6974	3549.2845	16.3	0.005
	-15%	3450.6974	3549.2845	22.6	0.006
	End Point	3450.6974	3549.2845	11.6	0.003

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

Test Date	2026-06-05
Test Engineer	31870

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	3700.6961	3979.2962		
Extreme (50C)		3700.6961	3979.2962	32.3	0.008
Extreme (40C)		3700.6961	3979.2962	15.4	0.004
Extreme (30C)		3700.6961	3979.2962	16.3	0.004
Extreme (10C)		3700.6961	3979.2962	10.5	0.003
Extreme (0C)		3700.6961	3979.2962	5.7	0.001
Extreme (-10C)		3700.6961	3979.2962	9.3	0.002
Extreme (-20C)		3700.6961	3979.2962	13.5	0.004
Extreme (-30C)		3700.6961	3979.2962	20.6	0.005
20C	15%	3700.6961	3979.2962	21.5	0.006
	-15%	3700.6961	3979.2962	15.7	0.004
	End Point	3700.6961	3979.2962	11.9	0.003

9. RADIATED RESULTS

9.1. RADIATED POWER (ERP & EIRP)

RULE PART(S)

FCC: §2.1046, §27.50

LIMITS

§27.50:

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

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

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

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

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

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

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

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

TEST PROCEDURE

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

For radiated output power measurement with a ESU40:

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

NOTE

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

TEST RESULTS

See the following pages.

9.1.1. ERP/EIRP RESULT

WCDMA B4 (ANT Main 1)

Band	Mode	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)
Band 4	REL99	1712.40	20.44	H	4.29	9.47	25.62	0.365	30.00	-4.38
		1732.60	20.59	H	4.31	9.54	25.82	0.382	30.00	-4.18
		1752.60	19.72	H	4.34	9.60	24.98	0.315	30.00	-5.02
	HSDPA	1712.40	19.59	H	4.29	9.47	24.77	0.300	30.00	-5.23
		1732.60	19.72	H	4.31	9.54	24.95	0.313	30.00	-5.05
		1752.60	18.87	H	4.34	9.60	24.13	0.259	30.00	-5.87

LTE Band 7 (ANT Main 1)

BW (MHz)	MoHulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2510.00	19.96	H	5.21	10.04	24.78	0.301	33.00	-8.22	1 / 0
		2535.00	20.23	H	5.25	9.99	24.97	0.314	33.00	-8.03	1 / 99
		2560.00	20.01	H	5.28	9.95	24.68	0.294	33.00	-8.32	1 / 99
	16-QAM	2510.00	18.93	H	5.21	10.04	23.75	0.237	33.00	-9.25	1 / 0
		2535.00	19.15	H	5.25	9.99	23.89	0.245	33.00	-9.11	1 / 99
		2560.00	18.99	H	5.28	9.95	23.66	0.232	33.00	-9.34	1 / 99
15	QPSK	2507.50	20.07	H	5.21	10.04	24.90	0.309	33.00	-8.10	1 / 0
		2535.00	20.26	H	5.25	9.99	25.00	0.316	33.00	-8.00	1 / 0
		2562.50	19.74	H	5.27	9.94	24.41	0.276	33.00	-8.59	1 / 74
	16-QAM	2507.50	18.82	H	5.21	10.04	23.65	0.232	33.00	-9.35	1 / 74
		2535.00	19.01	H	5.25	9.99	23.75	0.237	33.00	-9.25	1 / 0
		2562.50	18.20	H	5.27	9.94	22.87	0.194	33.00	-10.13	1 / 74
10	QPSK	2505.00	20.08	H	5.21	10.05	24.92	0.310	33.00	-8.08	1 / 0
		2535.00	20.28	H	5.25	9.99	25.02	0.318	33.00	-7.98	1 / 0
		2565.00	19.76	H	5.27	9.94	24.43	0.277	33.00	-8.57	1 / 49
	16-QAM	2505.00	18.80	H	5.21	10.05	23.64	0.231	33.00	-9.36	1 / 0
		2535.00	18.63	H	5.25	9.99	23.37	0.217	33.00	-9.63	1 / 0
		2565.00	18.21	H	5.27	9.94	22.88	0.194	33.00	-10.12	1 / 0
5	QPSK	2502.50	20.01	H	5.21	10.05	24.85	0.305	33.00	-8.15	1 / 0
		2535.00	20.30	H	5.25	9.99	25.04	0.319	33.00	-7.96	1 / 24
		2567.50	19.81	H	5.27	9.94	24.48	0.281	33.00	-8.52	1 / 24
	16-QAM	2502.50	18.49	H	5.21	10.05	23.33	0.215	33.00	-9.67	1 / 24
		2535.00	19.01	H	5.25	9.99	23.75	0.237	33.00	-9.25	1 / 24
		2567.50	18.36	H	5.27	9.94	23.03	0.201	33.00	-9.97	1 / 24
20	QPSK	2510.00	19.00	H	5.21	10.04	23.82	0.241	33.00	-9.18	100/0
		2535.00	19.36	H	5.25	9.99	24.10	0.257	33.00	-8.90	100/0
		2560.00	19.03	H	5.28	9.95	23.70	0.234	33.00	-9.30	100/0
	16-QAM	2510.00	17.36	H	5.21	10.04	22.18	0.165	33.00	-10.82	100/0
		2535.00	17.66	H	5.25	9.99	22.30	0.170	33.00	-10.70	100/0
		2560.00	17.41	H	5.28	9.95	22.08	0.161	33.00	-10.92	100/0

LTE Band 7 (ANT Sub 3)

BW (MHz)	MoHulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2510.00	13.77	H	5.21	10.04	18.59	0.072	33.00	-14.41	1 / 49
		2535.00	14.15	H	5.25	9.99	18.89	0.077	33.00	-14.11	1 / 0
		2560.00	13.98	H	5.28	9.95	18.65	0.073	33.00	-14.35	1 / 0
	16-QAM	2510.00	12.65	H	5.21	10.04	17.47	0.056	33.00	-15.53	1 / 0
		2535.00	13.13	H	5.25	9.99	17.87	0.061	33.00	-15.13	1 / 0
		2560.00	12.94	H	5.28	9.95	17.61	0.058	33.00	-15.39	1 / 0
15	QPSK	2507.50	13.74	H	5.21	10.04	18.57	0.072	33.00	-14.43	1 / 0
		2535.00	14.25	H	5.25	9.99	18.99	0.079	33.00	-14.01	1 / 0
		2562.50	13.99	H	5.27	9.94	18.66	0.073	33.00	-14.34	1 / 0
	16-QAM	2507.50	12.74	H	5.21	10.04	17.57	0.057	33.00	-15.43	1 / 37
		2535.00	13.31	H	5.25	9.99	18.05	0.064	33.00	-14.95	1 / 0
		2562.50	12.12	H	5.27	9.94	16.79	0.048	33.00	-16.21	1 / 0
10	QPSK	2505.00	13.67	H	5.21	10.05	18.51	0.071	33.00	-14.49	1 / 49
		2535.00	14.16	H	5.25	9.99	18.90	0.078	33.00	-14.10	1 / 0
		2565.00	14.05	H	5.27	9.94	18.72	0.074	33.00	-14.28	1 / 0
	16-QAM	2505.00	12.43	H	5.21	10.05	17.27	0.053	33.00	-15.73	1 / 49
		2535.00	12.76	H	5.25	9.99	17.50	0.056	33.00	-15.50	1 / 0
		2565.00	12.55	H	5.27	9.94	17.22	0.053	33.00	-15.78	1 / 0
5	QPSK	2502.50	13.71	H	5.21	10.05	18.55	0.072	33.00	-14.45	1 / 24
		2535.00	14.28	H	5.25	9.99	19.02	0.080	33.00	-13.98	1 / 0
		2567.50	13.97	H	5.27	9.94	18.64	0.073	33.00	-14.36	1 / 0
	16-QAM	2502.50	12.41	H	5.21	10.05	17.25	0.053	33.00	-15.75	1 / 24
		2535.00	13.35	H	5.25	9.99	18.09	0.064	33.00	-14.91	1 / 0
		2567.50	12.22	H	5.27	9.94	16.89	0.049	33.00	-16.11	1 / 0
20	QPSK	2510.00	12.65	H	5.21	10.04	17.47	0.056	33.00	-15.53	100/0
		2535.00	13.20	H	5.25	9.99	17.94	0.062	33.00	-15.06	100/0
		2560.00	13.03	H	5.28	9.95	17.70	0.059	33.00	-15.30	100/0
	16-QAM	2510.00	11.28	H	5.21	10.04	16.10	0.041	33.00	-16.90	100/0
		2535.00	11.88	H	5.25	9.99	16.62	0.046	33.00	-16.38	100/0
		2560.00	11.19	H	5.28	9.95	15.86	0.039	33.00	-17.14	100/0

LTE Band 12 (ANT Main 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	704.00	25.85	H	2.78	-1.13	21.94	0.156	34.77	-12.83	1 / 0
		707.50	25.64	H	2.78	-1.11	21.75	0.150	34.77	-13.02	1 / 0
		711.00	26.09	H	2.79	-1.10	22.21	0.166	34.77	-12.56	1 / 0
	16-QAM	704.00	25.06	H	2.78	-1.13	21.15	0.130	34.77	-13.62	1 / 0
		707.50	24.39	H	2.78	-1.11	20.50	0.112	34.77	-14.27	1 / 0
		711.00	24.67	H	2.79	-1.10	20.79	0.120	34.77	-13.98	1 / 0
5	QPSK	701.50	26.07	H	2.77	-1.14	22.16	0.164	34.77	-12.61	1 / 24
		707.50	25.93	H	2.78	-1.11	22.04	0.160	34.77	-12.73	1 / 24
		713.50	26.40	H	2.80	-1.08	22.52	0.179	34.77	-12.25	1 / 0
	16-QAM	701.50	25.70	H	2.77	-1.14	21.79	0.151	34.77	-12.98	1 / 24
		707.50	24.79	H	2.78	-1.11	20.90	0.123	34.77	-13.87	1 / 12
		713.50	24.51	H	2.80	-1.08	20.63	0.116	34.77	-14.14	1 / 0
3	QPSK	700.50	25.96	H	2.77	-1.15	22.04	0.160	34.77	-12.73	1 / 0
		707.50	25.76	H	2.78	-1.11	21.87	0.154	34.77	-12.90	1 / 0
		714.50	26.26	H	2.80	-1.08	22.38	0.173	34.77	-12.39	1 / 0
	16-QAM	700.50	25.62	H	2.77	-1.15	21.70	0.148	34.77	-13.07	1 / 0
		707.50	24.56	H	2.78	-1.11	20.67	0.117	34.77	-14.10	1 / 0
		714.50	24.35	H	2.80	-1.08	20.47	0.111	34.77	-14.30	1 / 0
1.4	QPSK	699.70	26.03	H	2.77	-1.15	22.11	0.163	34.77	-12.66	1 / 0
		707.50	25.83	H	2.78	-1.11	21.94	0.156	34.77	-12.83	1 / 5
		715.30	26.12	H	2.80	-1.07	22.25	0.168	34.77	-12.52	1 / 0
	16-QAM	699.70	25.31	H	2.77	-1.15	21.39	0.138	34.77	-13.38	1 / 0
		707.50	25.16	H	2.78	-1.11	21.27	0.134	34.77	-13.50	1 / 5
		715.30	24.30	H	2.80	-1.07	20.43	0.110	34.77	-14.34	1 / 0
10	QPSK	704.00	24.82	H	2.78	-1.13	20.91	0.123	34.77	-13.86	50/0
		707.50	24.56	H	2.78	-1.11	20.67	0.117	34.77	-14.10	50/0
		711.00	25.00	H	2.79	-1.10	21.12	0.129	34.77	-13.65	50/0
	16-QAM	704.00	24.02	H	2.78	-1.13	20.11	0.103	34.77	-14.66	50/0
		707.50	23.33	H	2.78	-1.11	19.44	0.088	34.77	-15.33	50/0
		711.00	23.14	H	2.79	-1.10	19.26	0.084	34.77	-15.51	50/0

LTE Band 12 (ANT Sub 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	704.00	20.32	H	2.78	-1.13	16.41	0.044	34.77	-18.36	1 / 0
		707.50	20.62	H	2.78	-1.11	16.73	0.047	34.77	-18.04	1 / 0
		711.00	20.76	H	2.79	-1.10	16.88	0.049	34.77	-17.89	1 / 0
	16-QAM	704.00	19.02	H	2.78	-1.13	15.11	0.032	34.77	-19.66	1 / 0
		707.50	19.53	H	2.78	-1.11	15.64	0.037	34.77	-19.13	1 / 0
		711.00	19.55	H	2.79	-1.10	15.67	0.037	34.77	-19.10	1 / 0
5	QPSK	701.50	20.35	H	2.77	-1.14	16.44	0.044	34.77	-18.33	1 / 0
		707.50	20.63	H	2.78	-1.11	16.74	0.047	34.77	-18.03	1 / 0
		713.50	20.62	H	2.80	-1.08	16.74	0.047	34.77	-18.03	1 / 0
	16-QAM	701.50	19.15	H	2.77	-1.14	15.24	0.033	34.77	-19.53	1 / 0
		707.50	19.00	H	2.78	-1.11	15.11	0.032	34.77	-19.66	1 / 0
		713.50	19.72	H	2.80	-1.08	15.84	0.038	34.77	-18.93	1 / 0
3	QPSK	700.50	20.23	H	2.77	-1.15	16.31	0.043	34.77	-18.46	1 / 0
		707.50	20.48	H	2.78	-1.11	16.59	0.046	34.77	-18.18	1 / 0
		714.50	20.45	H	2.80	-1.08	16.57	0.045	34.77	-18.20	1 / 0
	16-QAM	700.50	18.94	H	2.77	-1.15	15.02	0.032	34.77	-19.75	1 / 0
		707.50	18.82	H	2.78	-1.11	14.93	0.031	34.77	-19.84	1 / 0
		714.50	19.54	H	2.80	-1.08	15.66	0.037	34.77	-19.11	1 / 0
1.4	QPSK	699.70	20.25	H	2.77	-1.15	16.33	0.043	34.77	-18.44	1 / 0
		707.50	20.31	H	2.78	-1.11	16.42	0.044	34.77	-18.35	1 / 0
		715.30	20.30	H	2.80	-1.07	16.43	0.044	34.77	-18.34	1 / 0
	16-QAM	699.70	19.08	H	2.77	-1.15	15.16	0.033	34.77	-19.61	1 / 0
		707.50	19.24	H	2.78	-1.11	15.35	0.034	34.77	-19.42	1 / 0
		715.30	19.06	H	2.80	-1.07	15.19	0.033	34.77	-19.58	1 / 5
10	QPSK	704.00	19.22	H	2.78	-1.13	15.31	0.034	34.77	-19.46	50/0
		707.50	19.39	H	2.78	-1.11	15.50	0.035	34.77	-19.27	50/0
		711.00	19.63	H	2.79	-1.10	15.75	0.038	34.77	-19.02	50/0
	16-QAM	704.00	17.93	H	2.78	-1.13	14.02	0.025	34.77	-20.75	50/0
		707.50	17.75	H	2.78	-1.11	13.86	0.024	34.77	-20.91	50/0
		711.00	18.24	H	2.79	-1.10	14.36	0.027	34.77	-20.41	50/0

LTE Band 13 (ANT Main 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	782.00	26.92	V	2.92	-0.74	23.26	0.212	34.77	-11.51	1 / 49
	16-QAM	782.00	26.06	V	2.92	-0.74	22.40	0.174	34.77	-12.37	1 / 0
5	QPSK	779.50	26.77	V	2.92	-0.75	23.10	0.204	34.77	-11.67	1 / 0
		782.00	26.92	V	2.92	-0.74	23.26	0.212	34.77	-11.51	1 / 24
		784.50	26.83	V	2.93	-0.73	23.17	0.207	34.77	-11.60	1 / 0
		779.50	25.64	V	2.92	-0.75	21.97	0.157	34.77	-12.80	1 / 24
	16-QAM	782.00	25.77	V	2.92	-0.74	22.11	0.163	34.77	-12.66	1 / 0
		784.50	25.73	V	2.93	-0.73	22.07	0.161	34.77	-12.70	1 / 0
10	QPSK	782.00	25.87	V	2.92	-0.74	22.21	0.166	34.77	-12.56	50/0
	16-QAM	782.00	24.51	V	2.92	-0.74	20.85	0.122	34.77	-13.92	50/0

LTE Band 13 (ANT Sub 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	782.00	23.03	V	2.92	-0.74	19.37	0.086	34.77	-15.40	1 / 49
	16-QAM	782.00	21.95	V	2.92	-0.74	18.29	0.067	34.77	-16.48	1 / 25
5	QPSK	779.50	23.11	V	2.92	-0.75	19.44	0.088	34.77	-15.33	1 / 24
		782.00	23.01	V	2.92	-0.74	19.35	0.086	34.77	-15.42	1 / 0
		784.50	22.87	V	2.93	-0.73	19.21	0.083	34.77	-15.56	1 / 0
		779.50	22.17	V	2.92	-0.75	18.50	0.071	34.77	-16.27	1 / 24
	16-QAM	782.00	21.82	V	2.92	-0.74	18.16	0.065	34.77	-16.61	1 / 0
		784.50	21.75	V	2.93	-0.73	18.09	0.064	34.77	-16.68	1 / 0
10	QPSK	782.00	22.02	V	2.92	-0.74	18.36	0.069	34.77	-16.41	50/0
	16-QAM	782.00	20.90	V	2.92	-0.74	17.24	0.053	34.77	-17.53	50/0

LTE Band 30 (ANT Main 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	2310.00	17.44	H	5.00	9.84	22.28	0.169	24.00	-1.72	1 / 0
	16-QAM	2310.00	16.90	H	5.00	9.84	21.74	0.149	24.00	-2.26	1 / 0
5	QPSK	2307.50	17.58	H	5.00	9.83	22.41	0.174	24.00	-1.59	1 / 0
		2310.00	17.30	H	5.00	9.84	22.14	0.164	24.00	-1.86	1 / 0
		2312.50	17.60	H	5.01	9.85	22.44	0.175	24.00	-1.56	1 / 24
		2307.50	16.81	H	5.00	9.83	21.64	0.146	24.00	-2.36	1 / 0
	16-QAM	2310.00	16.57	H	5.00	9.84	21.41	0.138	24.00	-2.59	1 / 0
		2312.50	16.45	H	5.01	9.85	21.29	0.135	24.00	-2.71	1 / 0
10	QPSK	2310.00	16.36	H	5.00	9.84	21.20	0.132	24.00	-2.80	50/0
	16-QAM	2310.00	15.69	H	5.00	9.84	20.53	0.113	24.00	-3.47	50/0

LTE Band 30 (ANT Sub 3)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
10	QPSK	2310.00	14.98	H	5.00	9.84	19.81	0.096	24.00	-4.19	1 / 0
	16-QAM	2310.00	14.07	H	5.00	9.84	18.91	0.078	24.00	-5.09	1 / 0
5	QPSK	2307.50	14.63	H	5.00	9.83	19.46	0.088	24.00	-4.54	1 / 0
		2310.00	14.88	H	5.00	9.84	19.71	0.094	24.00	-4.29	1 / 0
		2312.50	15.12	H	5.01	9.85	19.96	0.099	24.00	-4.04	1 / 0
		2307.50	14.08	H	5.01	9.85	18.91	0.078	24.00	-5.09	1 / 0
	16-QAM	2310.00	14.09	H	5.00	9.84	18.92	0.078	24.00	-5.08	1 / 12
		2312.50	13.78	H	5.00	9.84	18.62	0.073	24.00	-5.38	1 / 0
10	QPSK	2310.00	13.92	H	5.00	9.84	18.75	0.075	24.00	-5.25	50/0
	16-QAM	2310.00	12.99	H	5.00	9.84	17.83	0.061	24.00	-6.17	50/0

LTE Band 41 (PC3) (ANT Main 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	2506.00	17.76	H	5.21	10.04	22.60	0.182	33.00	-10.40	1 / 0
		2593.00	18.23	H	5.30	9.90	22.83	0.192	33.00	-10.17	1 / 49
		2680.00	16.89	H	5.39	9.88	21.38	0.137	33.00	-11.62	1 / 99
	16-QAM	2506.00	16.90	H	5.21	10.04	21.74	0.149	33.00	-11.26	1 / 0
		2593.00	17.40	H	5.30	9.90	22.00	0.158	33.00	-11.00	1 / 49
		2680.00	16.21	H	5.39	9.88	20.70	0.117	33.00	-12.30	1 / 99
15	QPSK	2503.50	17.75	H	5.21	10.05	22.59	0.182	33.00	-10.41	1 / 74
		2593.00	18.24	H	5.30	9.90	22.84	0.192	33.00	-10.16	1 / 37
		2682.50	16.90	H	5.39	9.88	21.39	0.138	33.00	-11.61	1 / 74
	16-QAM	2503.50	16.62	H	5.21	10.05	21.46	0.140	33.00	-11.54	1 / 37
		2593.00	17.38	H	5.30	9.90	21.98	0.158	33.00	-11.02	1 / 37
		2682.50	16.18	H	5.39	9.88	20.67	0.117	33.00	-12.33	1 / 37
10	QPSK	2501.00	17.68	H	5.21	10.05	22.52	0.179	33.00	-10.48	1 / 0
		2593.00	18.17	H	5.30	9.90	22.77	0.189	33.00	-10.23	1 / 25
		2685.00	16.73	H	5.39	9.89	21.23	0.133	33.00	-11.77	1 / 49
	16-QAM	2501.00	16.55	H	5.21	10.05	21.39	0.138	33.00	-11.61	1 / 0
		2593.00	17.32	H	5.30	9.90	21.92	0.156	33.00	-11.08	1 / 25
		2685.00	16.15	H	5.39	9.89	20.65	0.116	33.00	-12.35	1 / 49
5	QPSK	2498.50	17.69	H	5.21	10.06	22.54	0.179	33.00	-10.46	1 / 0
		2593.00	18.06	H	5.30	9.90	22.66	0.185	33.00	-10.34	1 / 12
		2687.50	16.80	H	5.40	9.89	21.29	0.135	33.00	-11.71	1 / 24
	16-QAM	2498.50	16.67	H	5.21	10.06	21.52	0.142	33.00	-11.48	1 / 0
		2593.00	17.49	H	5.30	9.90	22.09	0.162	33.00	-10.91	1 / 12
		2687.50	15.99	H	5.40	9.89	20.48	0.112	33.00	-12.52	1 / 24
20	QPSK	2506.00	16.72	H	5.21	10.04	21.56	0.143	33.00	-11.44	100/0
		2593.00	16.97	H	5.30	9.90	21.57	0.144	33.00	-11.43	100/0
		2680.00	15.70	H	5.39	9.88	20.19	0.104	33.00	-12.81	100/0
	16-QAM	2506.00	15.57	H	5.21	10.04	20.41	0.110	33.00	-12.59	100/0
		2593.00	16.33	H	5.30	9.90	20.93	0.124	33.00	-12.07	100/0
		2680.00	15.03	H	5.39	9.88	19.52	0.090	33.00	-13.48	100/0

LTE Band 66 (ANT Main 1)

BW (MHz)	Modulation	Frequency (MHz)	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)	Delta (dB)	RB
20	QPSK	1720.00	19.71	H	4.30	9.50	24.91	0.310	30.00	-5.09	1 / 0
		1745.00	19.71	H	4.33	9.58	24.96	0.313	30.00	-5.04	1 / 49
		1770.00	18.50	H	4.36	9.62	23.76	0.238	30.00	-6.24	1 / 0
	16-QAM	1720.00	19.15	H	4.30	9.50	24.35	0.272	30.00	-5.65	1 / 0
		1745.00	19.09	H	4.33	9.58	24.34	0.272	30.00	-5.66	1 / 49
		1770.00	17.36	H	4.36	9.62	22.62	0.183	30.00	-7.38	1 / 0
15	QPSK	1717.50	19.85	H	4.30	9.49	25.04	0.319	30.00	-4.96	1 / 0
		1745.00	19.60	H	4.33	9.58	24.85	0.305	30.00	-5.15	1 / 0
		1772.50	18.48	H	4.37	9.63	23.74	0.237	30.00	-6.26	1 / 74
	16-QAM	1717.50	19.30	H	4.30	9.49	24.49	0.281	30.00	-5.51	1 / 0
		1745.00	18.98	H	4.33	9.58	24.23	0.265	30.00	-5.77	1 / 37
		1772.50	16.74	H	4.37	9.63	22.00	0.158	30.00	-8.00	1 / 74
10	QPSK	1715.00	19.77	H	4.29	9.48	24.96	0.313	30.00	-5.04	1 / 0
		1745.00	19.62	H	4.33	9.58	24.87	0.307	30.00	-5.13	1 / 25
		1775.00	18.57	H	4.37	9.63	23.83	0.242	30.00	-6.17	1 / 49
	16-QAM	1715.00	18.85	H	4.29	9.48	24.04	0.254	30.00	-5.96	1 / 0
		1745.00	18.57	H	4.33	9.58	23.82	0.241	30.00	-6.18	1 / 0
		1775.00	17.28	H	4.37	9.63	22.54	0.179	30.00	-7.46	1 / 49
5	QPSK	1712.50	19.85	H	4.29	9.47	25.03	0.318	30.00	-4.97	1 / 0
		1745.00	19.76	H	4.33	9.58	25.01	0.317	30.00	-4.99	1 / 0
		1777.50	18.63	H	4.37	9.63	23.89	0.245	30.00	-6.11	1 / 24
	16-QAM	1712.50	19.32	H	4.29	9.47	24.50	0.282	30.00	-5.50	1 / 0
		1745.00	18.82	H	4.33	9.58	24.07	0.255	30.00	-5.93	1 / 0
		1777.50	16.96	H	4.37	9.63	22.22	0.167	30.00	-7.78	1 / 0
3	QPSK	1711.50	19.80	H	4.29	9.47	24.98	0.315	30.00	-5.02	1 / 8
		1745.00	19.60	H	4.33	9.58	24.85	0.305	30.00	-5.15	1 / 0
		1778.50	18.59	H	4.37	9.63	23.85	0.243	30.00	-6.15	1 / 14
	16-QAM	1711.50	19.28	H	4.29	9.47	24.46	0.279	30.00	-5.54	1 / 0
		1745.00	18.63	H	4.33	9.58	23.88	0.244	30.00	-6.12	1 / 0
		1778.50	16.74	H	4.37	9.63	22.00	0.158	30.00	-8.00	1 / 14
1.4	QPSK	1710.70	19.76	H	4.29	9.47	24.94	0.312	30.00	-5.06	1 / 0
		1745.00	19.58	H	4.33	9.58	24.83	0.304	30.00	-5.17	1 / 0
		1779.30	18.52	H	4.37	9.63	23.78	0.239	30.00	-6.22	1 / 5
	16-QAM	1710.70	19.28	H	4.29	9.47	24.46	0.279	30.00	-5.54	1 / 5
		1745.00	18.70	H	4.33	9.58	23.95	0.248	30.00	-6.05	1 / 5
		1779.30	16.89	H	4.37	9.63	22.15	0.164	30.00	-7.85	1 / 0
20	QPSK	1720.00	18.68	H	4.30	9.50	23.88	0.244	30.00	-6.12	100/0
		1745.00	18.52	H	4.33	9.58	23.77	0.238	30.00	-6.23	100/0
		1770.00	17.54	H	4.36	9.62	22.80	0.191	30.00	-7.20	100/0
	16-QAM	1720.00	17.71	H	4.30	9.50	22.91	0.195	30.00	-7.09	100/0
		1745.00	17.58	H	4.33	9.58	22.83	0.192	30.00	-7.17	100/0
		1770.00	15.81	H	4.36	9.62	21.07	0.128	30.00	-8.93	100/0