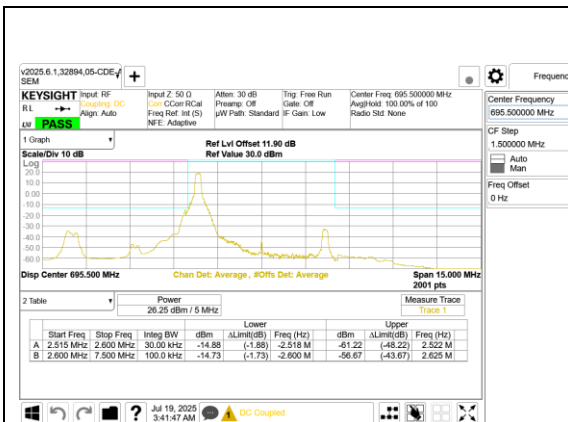
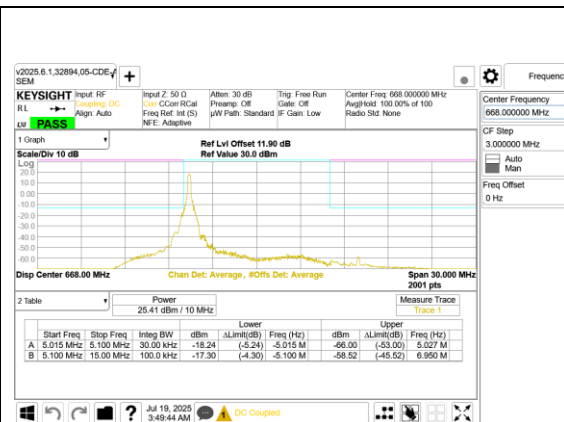
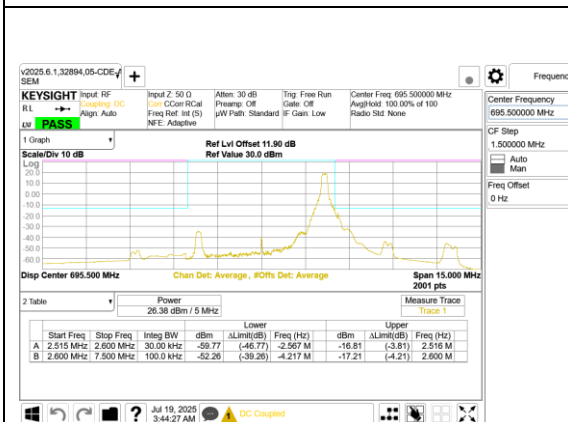




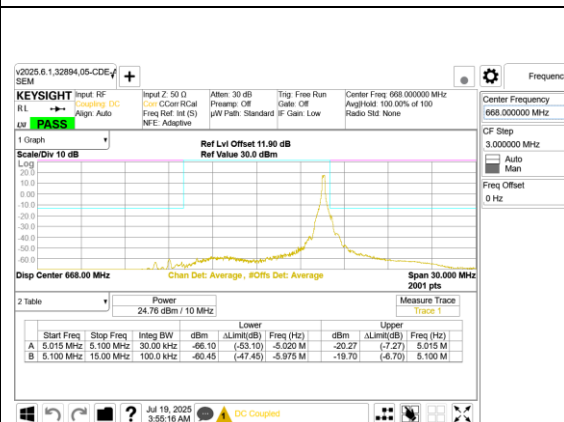
5G NR n71 5MHz BPSK High Channel RB1-0



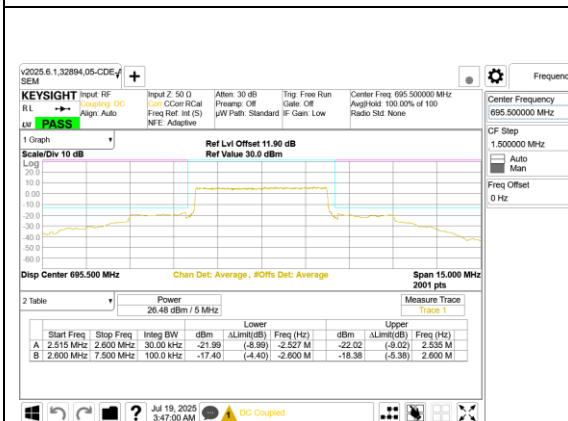
5G NR n71 10MHz BPSK Low Channel RB1-0



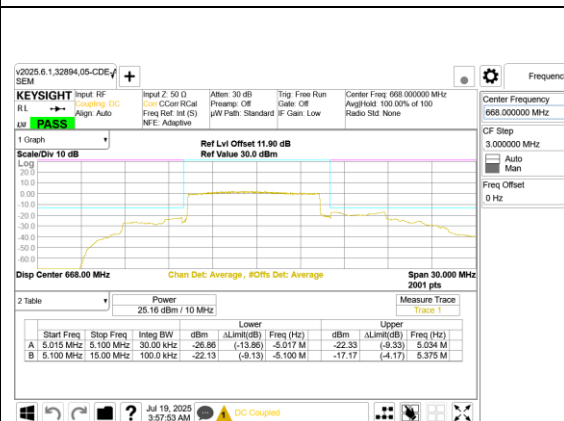
5G NR n71 5MHz BPSK High Channel RB1-24



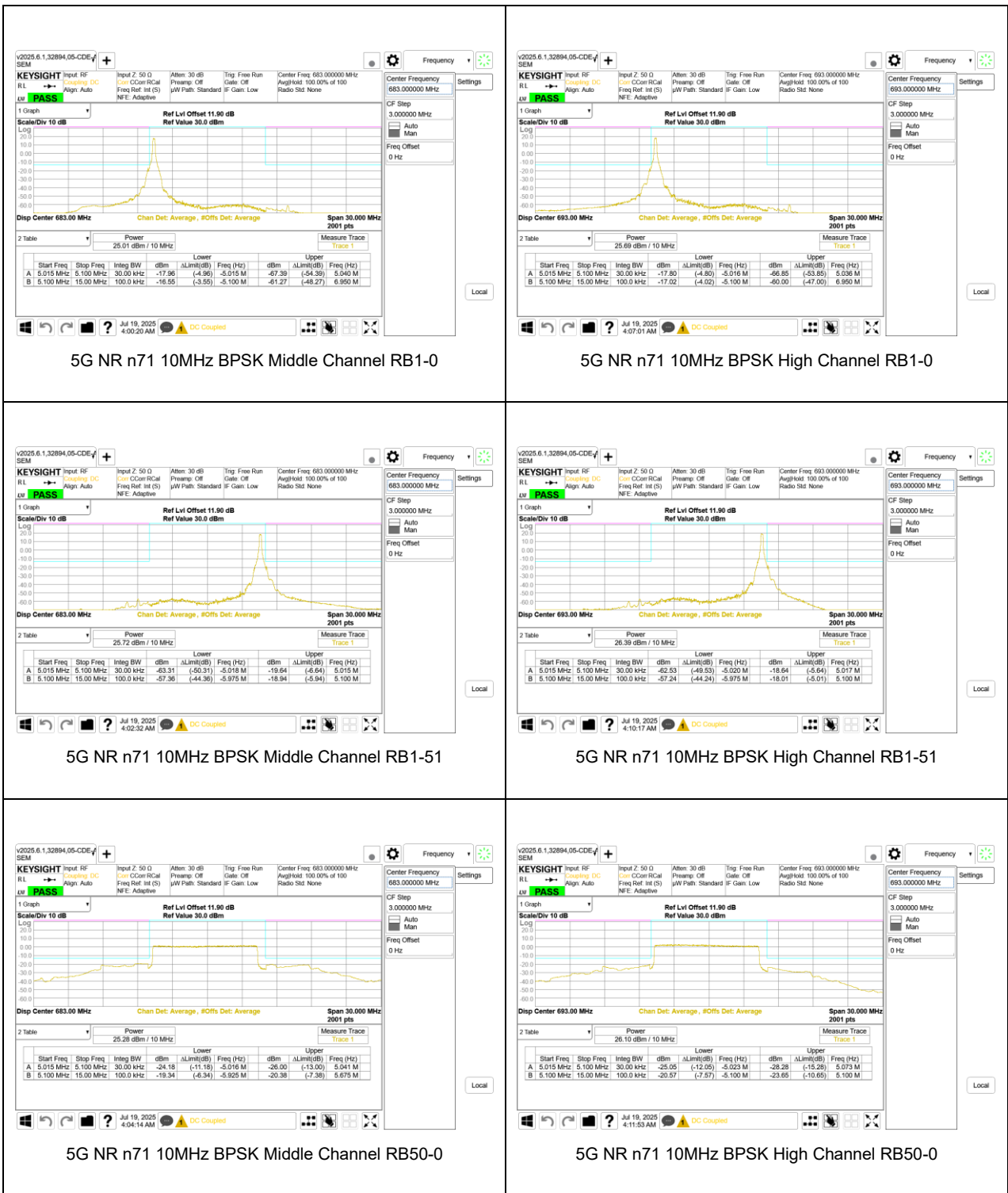
5G NR n71 10MHz BPSK Low Channel RB1-51

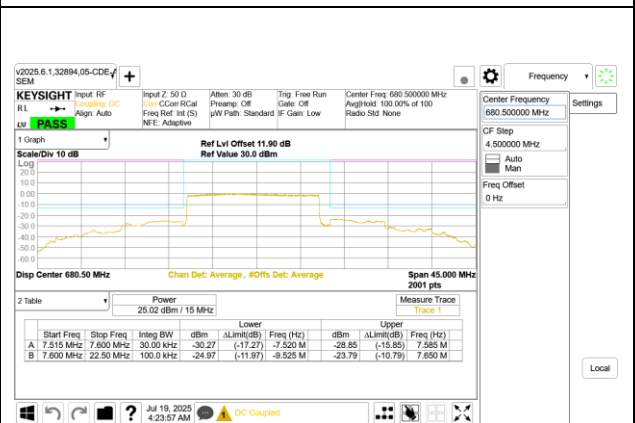
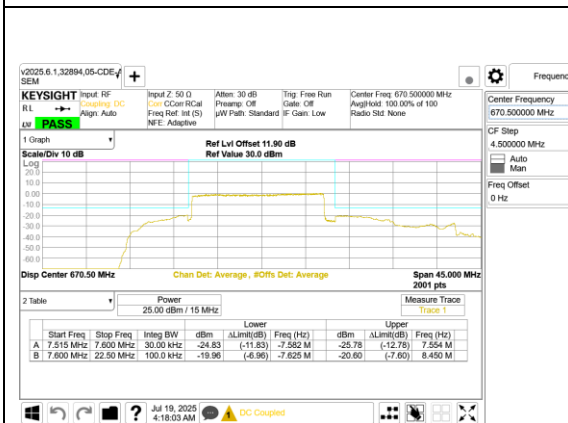
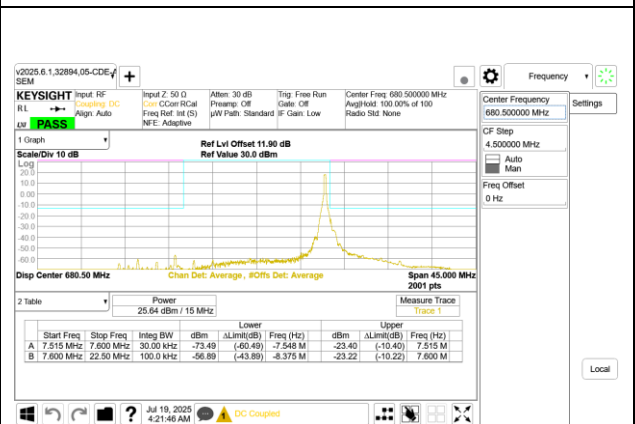
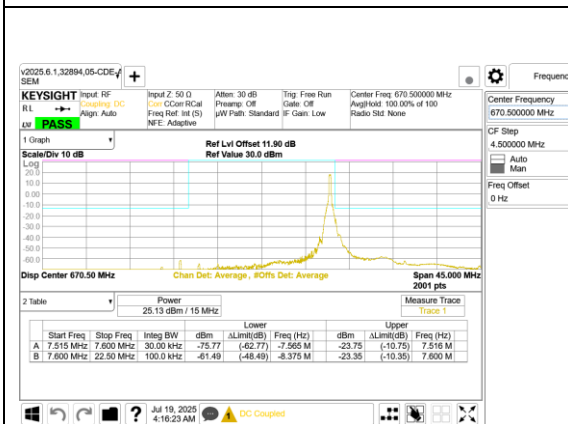
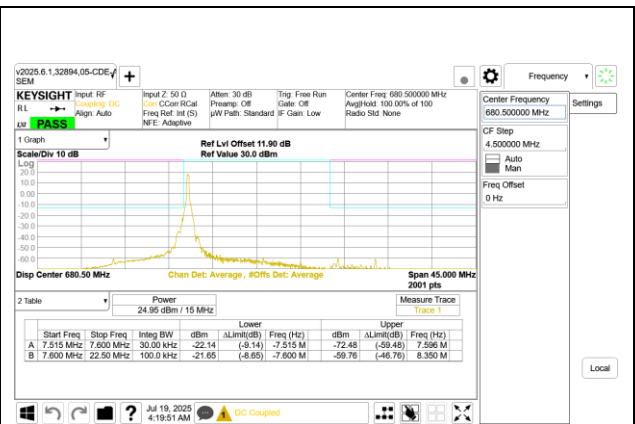
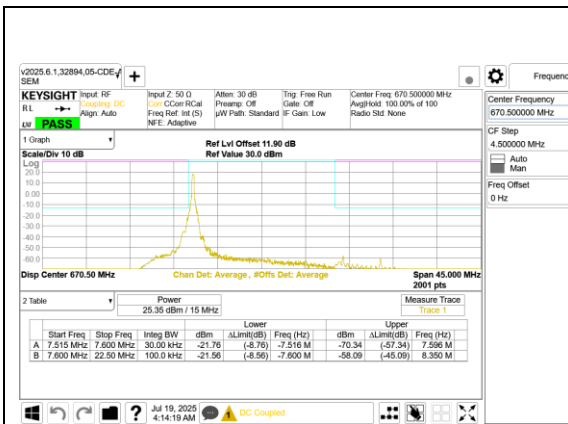


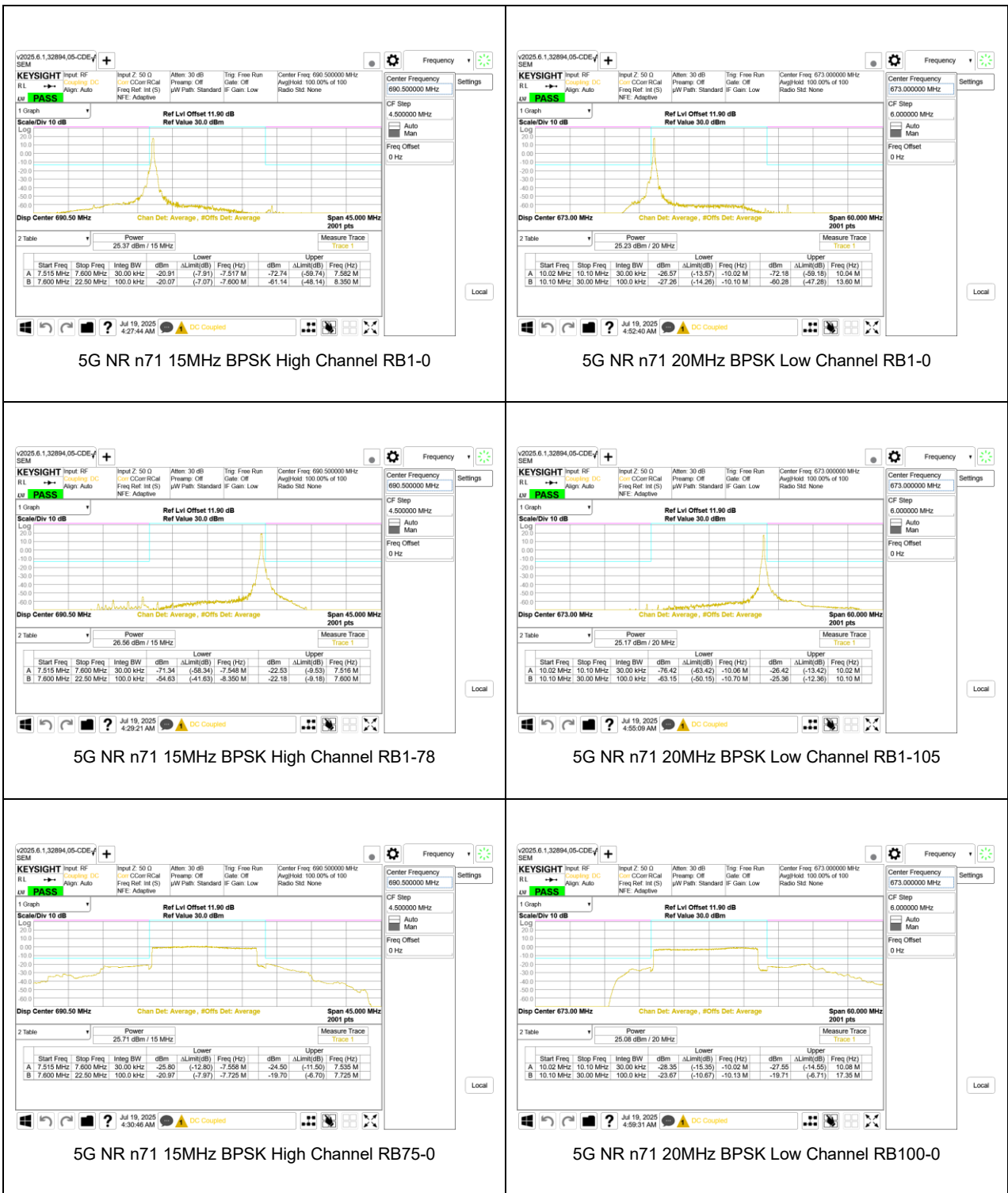
5G NR n71 5MHz BPSK High Channel RB25-0

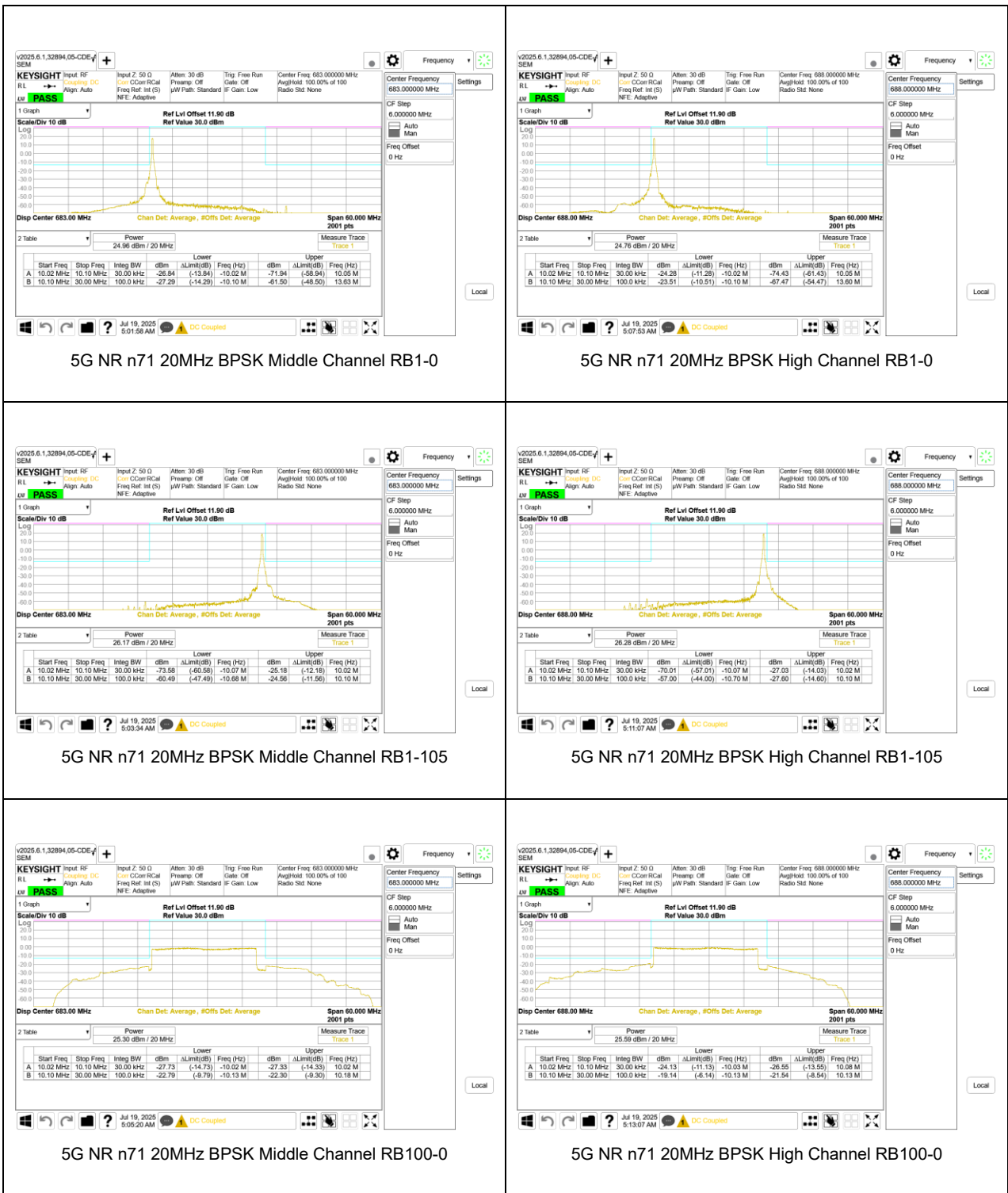


5G NR n71 10MHz BPSK Low Channel RB50-0



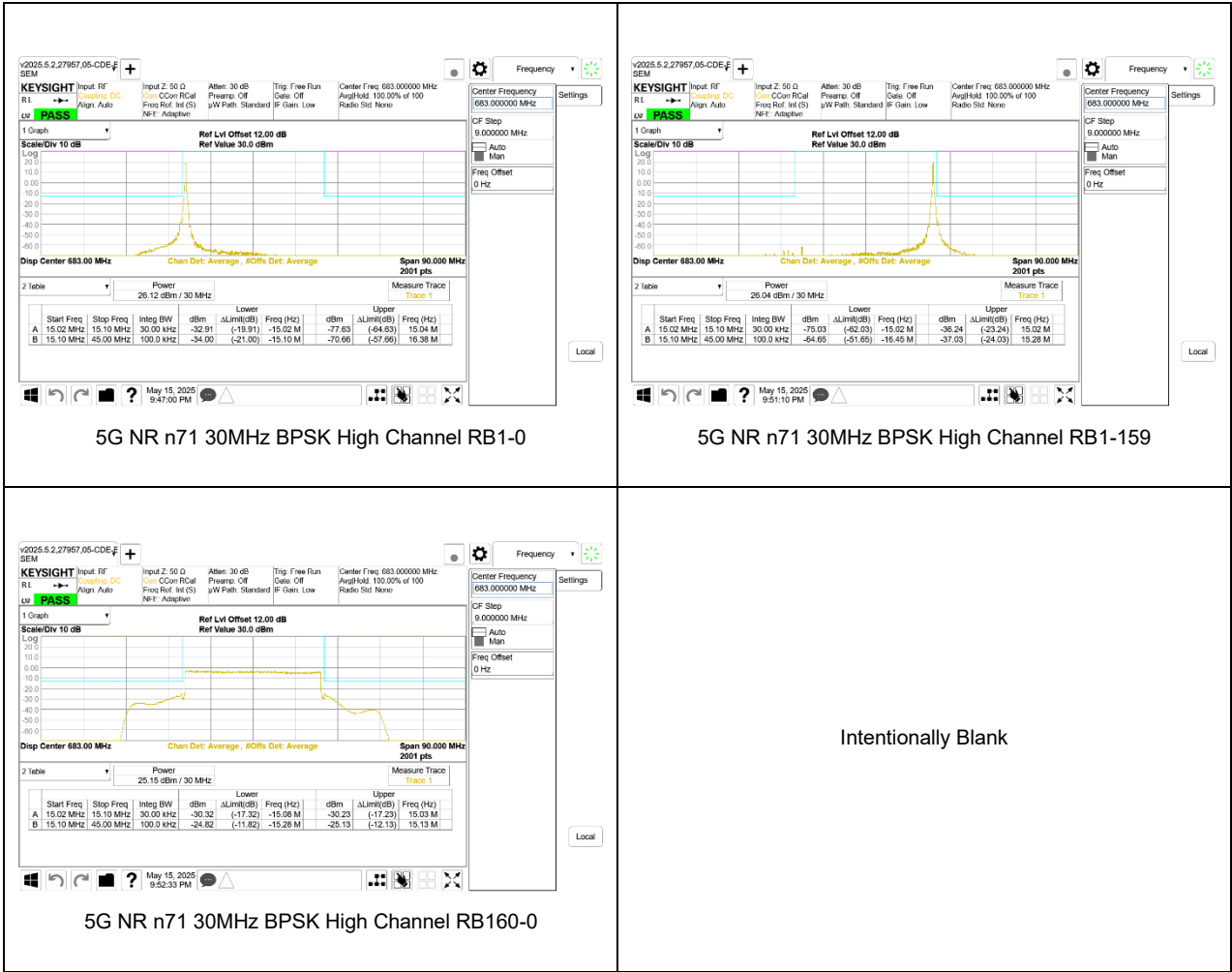












9.3. OUT OF BAND EMISSIONS

LIMITS (BAND 12, 17, 71)

FCC: §27.53 (g)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

ISED: RSS130§4.7

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

LIMITS (BAND 13)

FCC: §27.53 (c), (f)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

Note: Radiated data in section 10.1.3 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40 dBm/MHz limit was used.

ISED: RSS130§4.7

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

4.7.1 General unwanted emissions limits

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

4.7.2 Additional unwanted emissions limits

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- (a) the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
 - i. $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment and
 - ii. $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment
- (b) the e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

Note: Radiated data in section 10.1.3 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40 dBm/MHz limit was used.

TEST PROCEDURE

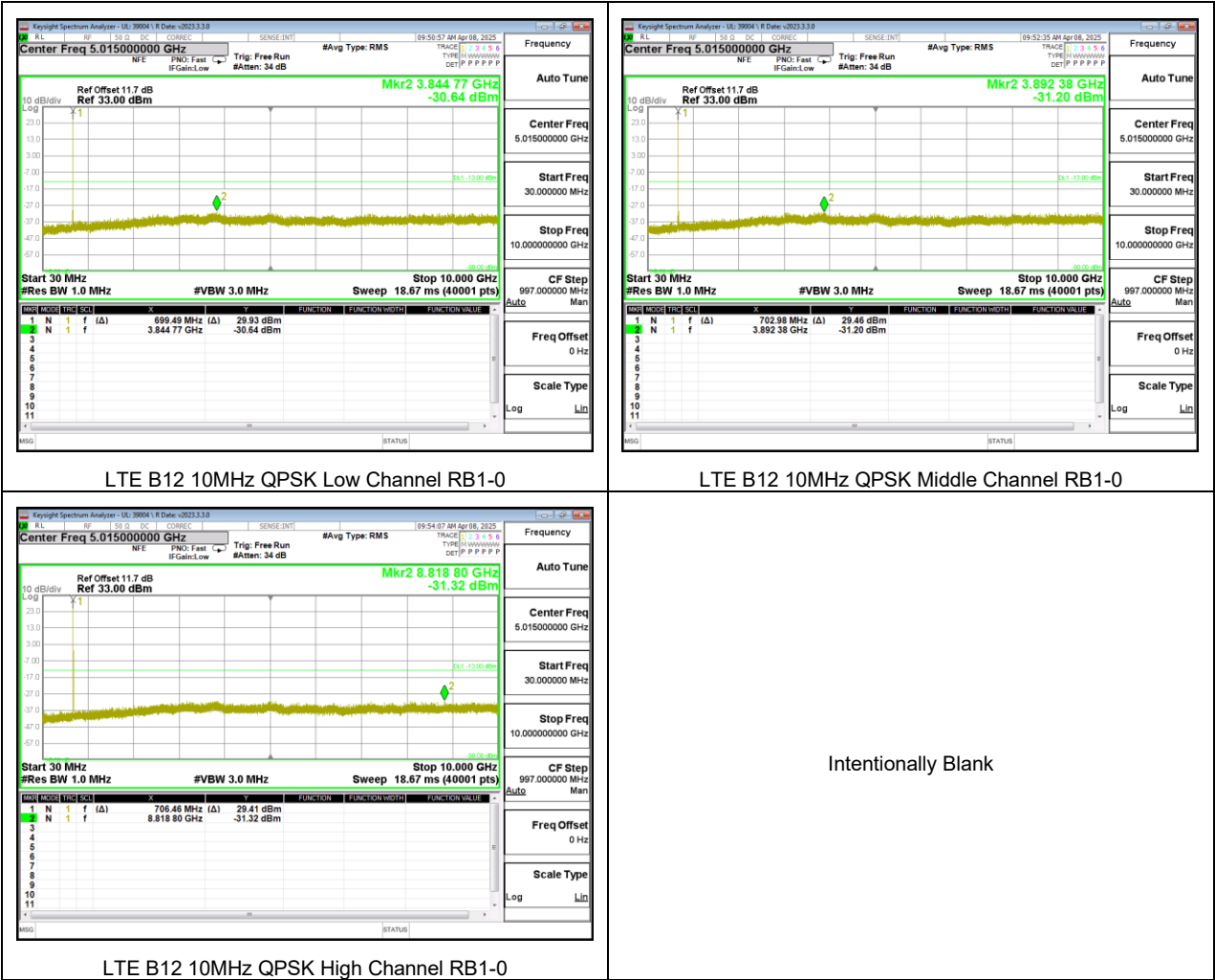
The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm, -25 dBm and -40 dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

RESULTS

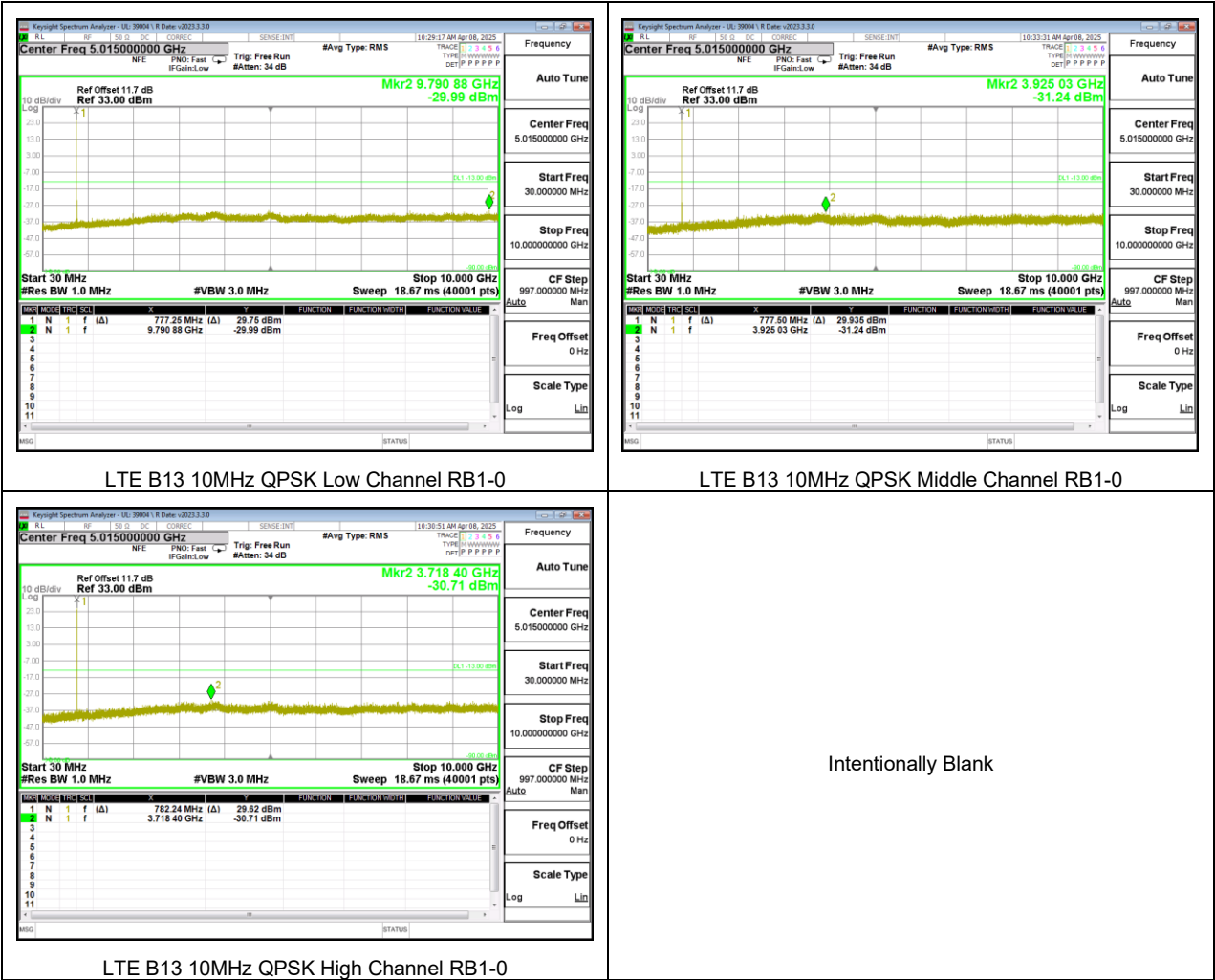
9.3.1. LTE BAND 12



9.3.2. 5G NR n12

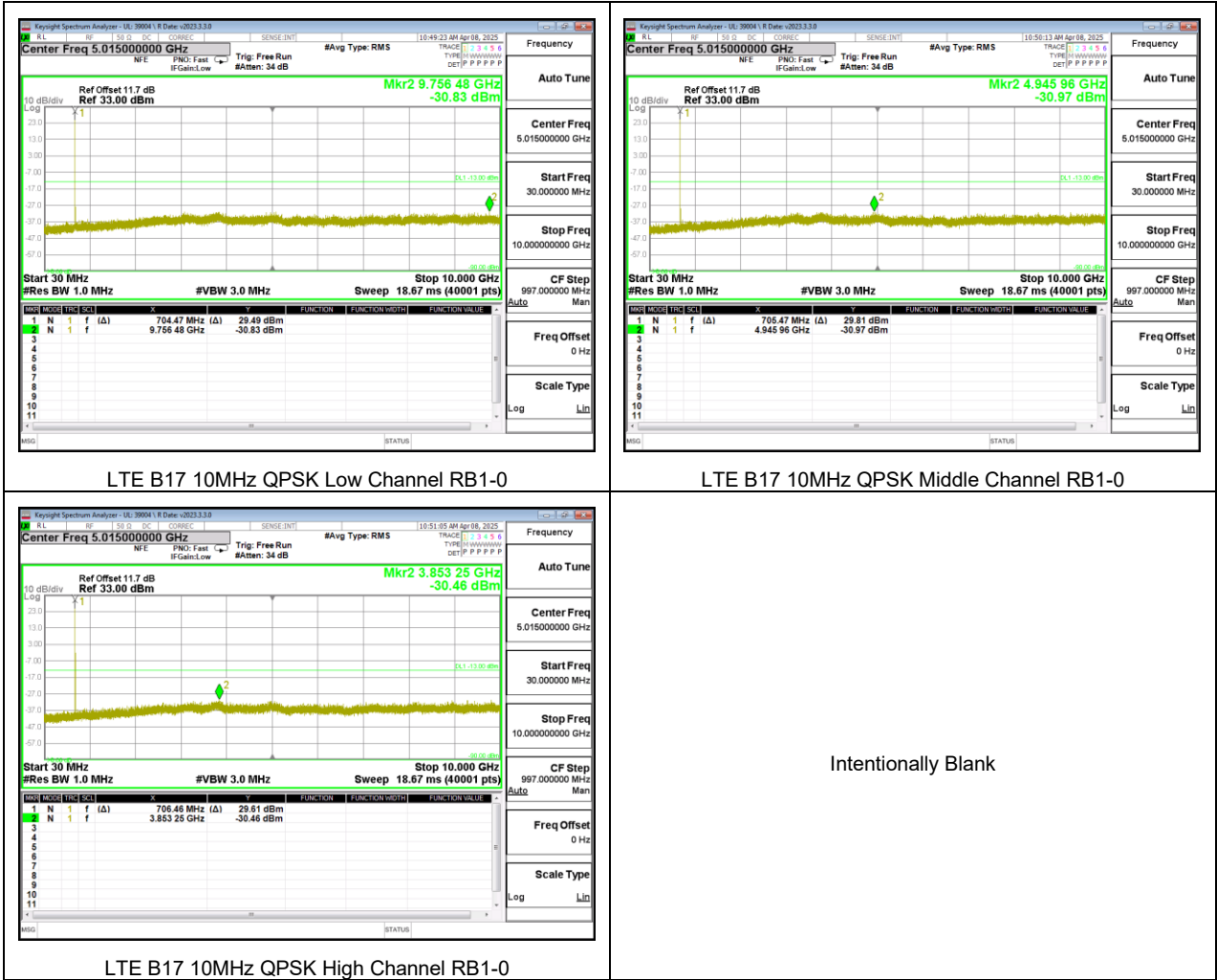


9.3.3. LTE BAND 13

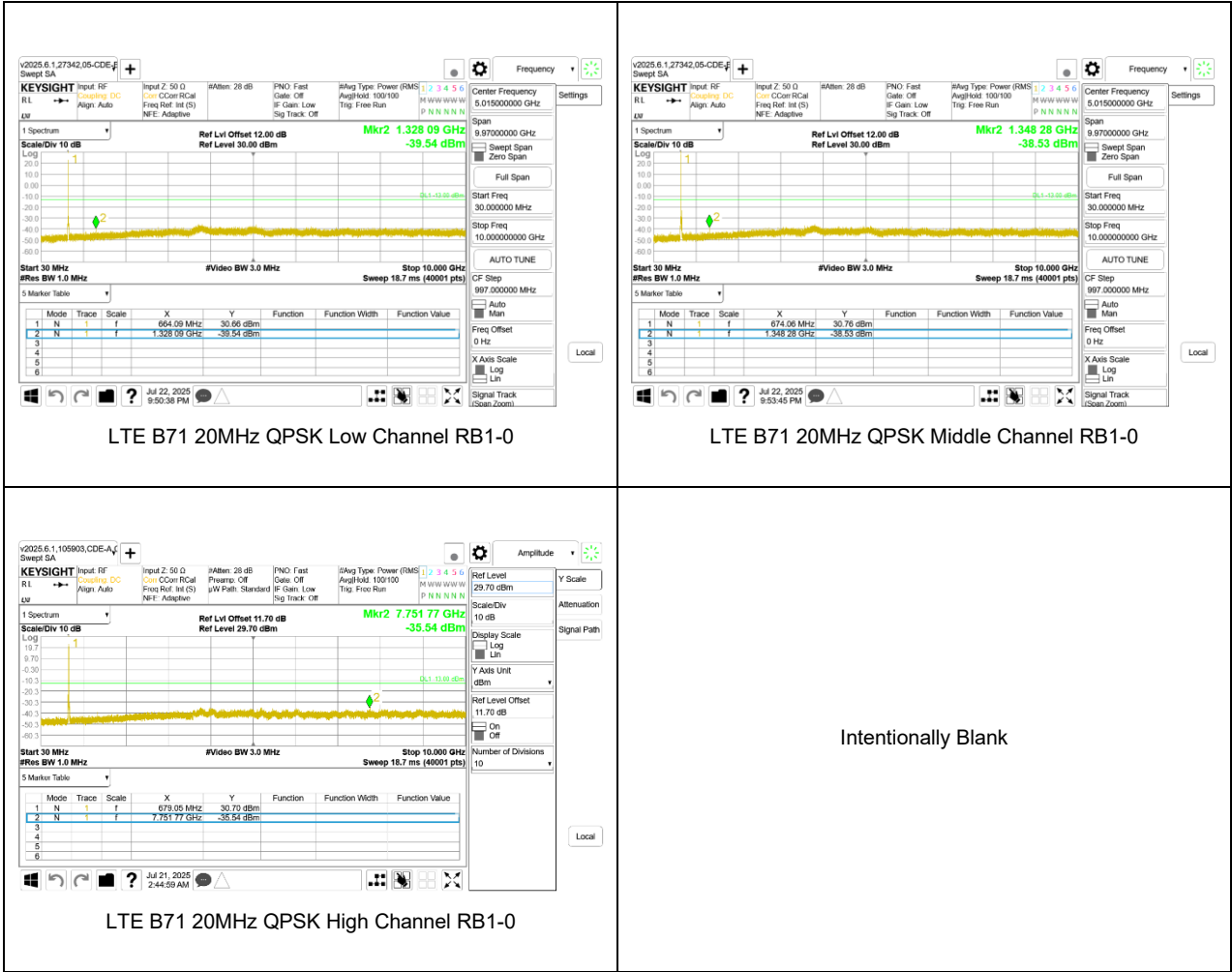


Note: Radiated data in section 10.1.3 confirms a compliance with narrowband limits for GPS1559-1610 MHz band.

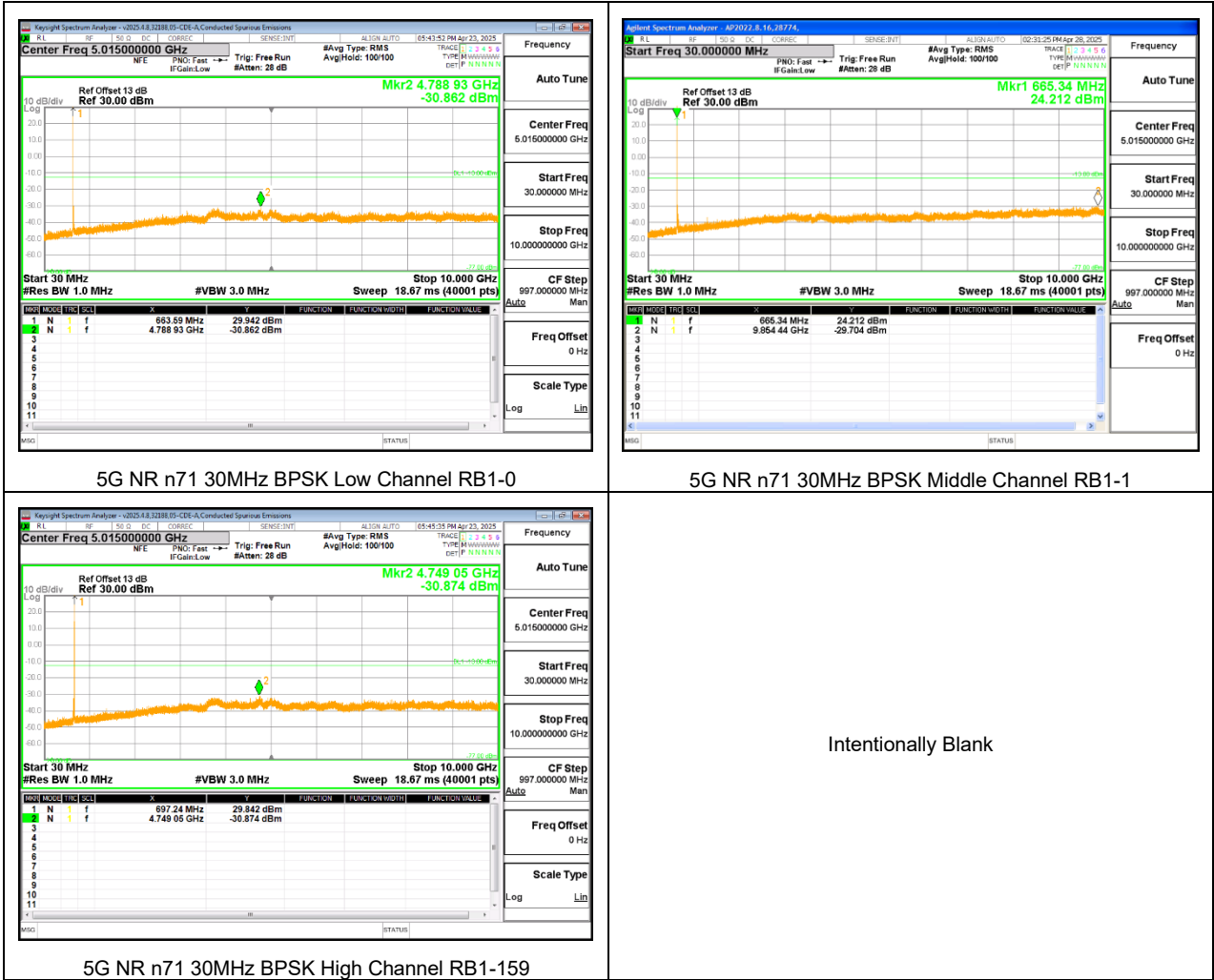
9.3.4. LTE BAND 17



9.3.5. LTE BAND 71



9.3.6. 5G NR n71



9.4. FREQUENCY STABILITY

LIMITS

FCC: §27.54

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

ISED: RSS130§4.5

For equipment that is capable of transmitting numerous channels simultaneously for different applications (e.g. LTE and narrowband – Internet of Things (IoT)), the occupied bandwidth shall be the bandwidth representing the sum of the occupied bandwidths of these channels.

The frequency stability shall be sufficient to ensure that the occupied bandwidth remains within each frequency block range when tested at the temperature and supply voltage variations specified in RSS-Gen.

TEST PROCEDURE

Use base station simulator with Frequency Error measurement capability.

- Temp. = -30°C to +50°C
- Voltage = (85% - 115%)

Low voltage, 3.23VDC, Normal, 3.8VDC and High voltage, 4.37VDC.
End Voltage, 3.2VDC.

Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until +50°C is reached.

Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

RESULTS

See the following pages.

9.4.1. LTE BAND 12 (QPSK 10MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	4/8/2025
-------------------	-------	------------	----------

Band	12	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		699	716		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage					
Normal (20°C)	Normal	699.5200	715.7484			
Extreme (50°C)		699.5200	715.7484	-15.3	-0.022	Yes
Extreme (40°C)		699.5200	715.7484	-13.4	-0.019	Yes
Extreme (30°C)		699.5200	715.7484	-0.3	0.000	Yes
Extreme (10°C)		699.5200	715.7484	-12.2	-0.017	Yes
Extreme (0°C)		699.5200	715.7484	-4.0	-0.006	Yes
Extreme (-10°C)		699.5200	715.7484	-1.1	-0.001	Yes
Extreme (-20°C)		699.5200	715.7484	-1.2	-0.002	Yes
Extreme (-30°C)		699.5200	715.7484	0.6	0.001	Yes
20°C	15%	699.5200	715.7484	1.5	0.002	Yes
	-15%	699.5200	715.7484	1.8	0.002	Yes
	End Point Voltage	699.5200	715.7484	1.1	0.002	Yes

9.4.2. 5G NR n12 (BPSK 15MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	2025-03-31
-------------------	-------	------------	------------

Band	12	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		699	716		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage					
Normal (20°C)	Normal	699.4171	714.8329			
Extreme (50°C)		699.4171	714.8329	-0.96	-0.001	Yes
Extreme (40°C)		699.4171	714.8329	0.74	0.001	Yes
Extreme (30°C)		699.4171	714.8329	0.8	0.001	Yes
Extreme (10°C)		699.4171	714.8329	0.69	0.001	Yes
Extreme (0°C)		699.4171	714.8329	-0.2	0.000	Yes
Extreme (-10°C)		699.4171	714.8329	0.21	0.000	Yes
Extreme (-20°C)		699.4171	714.8329	-1.04	-0.001	Yes
Extreme (-30°C)		699.4171	714.8329	0.33	0.000	Yes
20°C	15%	699.4171	714.8329	1.58	0.002	Yes
	-15%	699.4171	714.8329	1.03	0.001	Yes
	End Point Voltage	699.4171	714.8329	0.58	0.001	Yes

9.4.3. LTE BAND 13 (QPSK 10MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	4/8/2025
-------------------	-------	------------	----------

Band	13	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		777	787		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage					
Normal (20°C)	Normal	777.5268	786.4708			
Extreme (50°C)		777.5268	786.4708	0.3	0.000	Yes
Extreme (40°C)		777.5268	786.4708	0.4	0.001	Yes
Extreme (30°C)		777.5268	786.4708	0.7	0.001	Yes
Extreme (10°C)		777.5268	786.4708	-1.6	-0.002	Yes
Extreme (0°C)		777.5268	786.4708	0.5	0.001	Yes
Extreme (-10°C)		777.5268	786.4708	4.3	0.005	Yes
Extreme (-20°C)		777.5268	786.4708	2.6	0.003	Yes
Extreme (-30°C)		777.5268	786.4708	3.4	0.004	Yes
20°C	15%	777.5268	786.4708	0.8	0.001	Yes
	-15%	777.5268	786.4708	1.7	0.002	Yes
	End Point Voltage	777.5268	786.4708	1.3	0.002	Yes

9.4.4. LTE BAND 17 (QPSK 10MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	4/8/2025
-------------------	-------	------------	----------

Band	17	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		704	716			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	704.5262	715.4701			
Extreme (50°C)		704.5262	715.4701	0.3	0.000	Yes
Extreme (40°C)		704.5262	715.4701	-0.8	-0.001	Yes
Extreme (30°C)		704.5262	715.4701	3.2	0.004	Yes
Extreme (10°C)		704.5262	715.4701	-2.0	-0.003	Yes
Extreme (0°C)		704.5262	715.4701	2.2	0.003	Yes
Extreme (-10°C)		704.5262	715.4701	-0.3	0.000	Yes
Extreme (-20°C)		704.5262	715.4701	1.3	0.002	Yes
Extreme (-30°C)		704.5262	715.4701	2.4	0.003	Yes
20°C	15%	704.5262	715.4701	0.2	0.000	Yes
	-15%	704.5262	715.4701	-0.2	0.000	Yes
	End Point Voltage	704.5262	715.4701	-1.1	-0.002	Yes

9.4.5. LTE BAND 71 QPSK (20MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	4/8/2025
-------------------	-------	------------	----------

Band	71	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		663	698			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	664.0610	696.9357			
Extreme (50°C)		664.0610	696.9357	-0.5	-0.001	Yes
Extreme (40°C)		664.0610	696.9357	-0.9	-0.001	Yes
Extreme (30°C)		664.0610	696.9357	-0.2	0.000	Yes
Extreme (10°C)		664.0610	696.9357	0.1	0.000	Yes
Extreme (0°C)		664.0610	696.9357	1.7	0.002	Yes
Extreme (-10°C)		664.0610	696.9357	-1.0	-0.002	Yes
Extreme (-20°C)		664.0610	696.9357	-1.9	-0.003	Yes
Extreme (-30°C)		664.0610	696.9357	-0.1	0.000	Yes
20°C	15%	664.0610	696.9357	-0.1	0.000	Yes
	-15%	664.0610	696.9357	-1.1	-0.002	Yes
	End Point Voltage	664.0610	696.9357	-2.4	-0.004	Yes

9.4.6. 5G NR n71 (BPSK 30MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	2025-03-31
-------------------	-------	------------	------------

Band	71	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		663	698		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage					
Normal (20°C)	Normal	663.6741	695.8803			
Extreme (50°C)		663.6741	695.8803	-3.76	-0.006	Yes
Extreme (40°C)		663.6741	695.8803	-5.4	-0.008	Yes
Extreme (30°C)		663.6741	695.8803	-4.01	-0.006	Yes
Extreme (10°C)		663.6741	695.8803	-3.79	-0.006	Yes
Extreme (0°C)		663.6741	695.8803	-4.56	-0.007	Yes
Extreme (-10°C)		663.6741	695.8803	-4.68	-0.007	Yes
Extreme (-20°C)		663.6741	695.8803	-5.22	-0.008	Yes
Extreme (-30°C)		663.6741	695.8803	-3.36	-0.005	Yes
20°C	15%	663.6741	695.8803	-3.68	-0.005	Yes
	-15%	663.6741	695.8803	-4.27	-0.006	Yes
	End Point Voltage	663.6741	695.8803	-4.52	-0.007	Yes

9.5. PEAK-TO-AVERAGE POWER RATIO

LIMIT

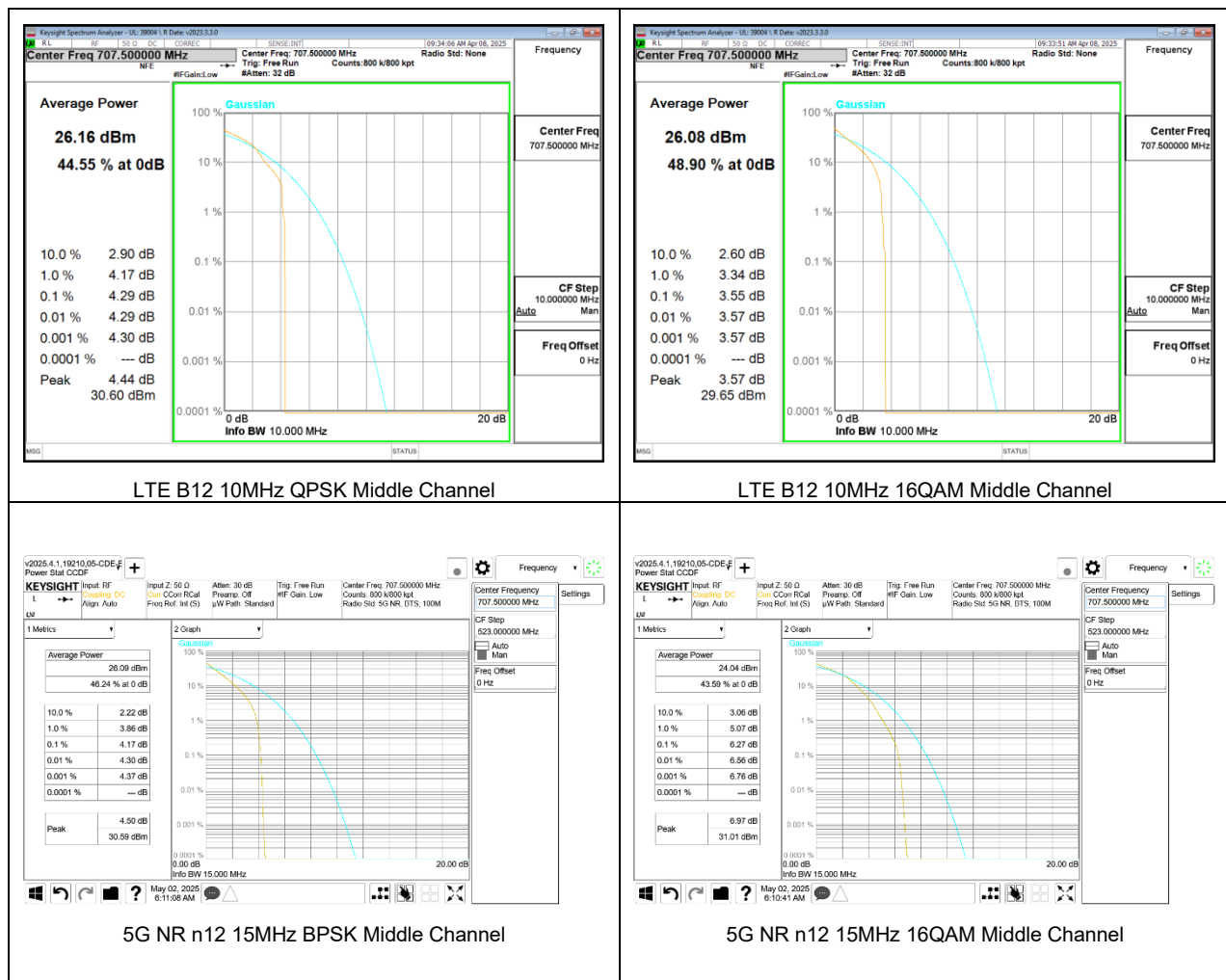
ISED: RSS130§4.6.1

The transmitter output power shall be measured in terms of average power. In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

RESULT

Antenna 3 was used to measure as the worst case; full resource block (FRB) for each bandwidth was used to measure as the worst case. The results from all CCDF measurements are passed with 13dB peak-to-average power ratio criteria.

Example Plots: FULL RB



9.5.1. LTE BAND 12

Test Engineer ID:	39004	Test Date:	2025-04-08
--------------------------	-------	-------------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 12	1.4MHz	707.5	6	0	QPSK	30.56	26.21	4.35
					16QAM	29.69	26.10	3.59
	3MHz		15	0	QPSK	30.92	26.34	4.58
					16QAM	29.65	26.17	3.48
	5MHz		25	0	QPSK	30.75	26.36	4.39
					16QAM	29.77	26.11	3.66
	10MHz		50	0	QPSK	30.60	26.16	4.44
					16QAM	29.65	26.08	3.57

Duty Cycle Correction Factor (dB) = 0.00

Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor

9.5.2. 5G NR n12

Test Engineer ID:	19210	Test Date:	2025-05-01
--------------------------	-------	-------------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n12	5MHz	707.5	25	0	BPSK	30.52	26.22	4.30
					16QAM	31.02	24.33	6.69
	10MHz		50	0	BPSK	30.14	26.20	3.94
					16QAM	31.04	24.30	6.74
	15MHz		75	0	BPSK	30.59	26.09	4.50
					16QAM	31.01	24.04	6.97

Duty Cycle Correction Factor (dB) = 0.00

Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor

9.5.3. LTE BAND 13

Test Engineer ID:	39004	Test Date:	2025-04-08
--------------------------	-------	-------------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 13	5MHz	782.0	25	0	QPSK	30.91	26.42	4.49
					16QAM	30.11	26.32	3.79
	10MHz		50	0	QPSK	31.07	26.47	4.60
					16QAM	29.83	26.23	3.60

Duty Cycle Correction Factor (dB) = 0.00

Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor

9.5.4. LTE BAND 17

Test Engineer ID:	39004	Test Date:	2025-04-08
--------------------------	-------	-------------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 17	5MHz	710.0	25	0	QPSK	30.58	26.14	4.44
					16QAM	29.94	26.13	3.81
	10MHz	710.0	50	0	QPSK	30.42	26.16	4.26
					16QAM	29.76	26.10	3.66
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.5. LTE BAND 71

Test Engineer ID:	39004	Test Date:	2025-04-08
--------------------------	-------	-------------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 71	5MHz	680.5	25	0	QPSK	30.65	26.13	4.52
					16QAM	29.81	26.05	3.76
	10MHz	683.0	50	0	QPSK	30.46	26.00	4.46
					16QAM	29.70	25.99	3.71
	15MHz	680.5	75	0	QPSK	30.06	25.84	4.22
					16QAM	29.10	25.81	3.29
	20MHz	683.0	100	0	QPSK	30.33	25.99	4.34
					16QAM	29.66	25.93	3.73
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.6. 5G NR n71

Test Engineer ID:	19210	Test Date:	2025-05-02
--------------------------	-------	-------------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR Band n71	5MHz	680.5	25	0	BPSK	30.43	26.13	4.30
					16QAM	31.60	24.89	6.71
	10MHz	683.0	50	0	BPSK	30.33	26.02	4.31
					16QAM	31.43	24.74	6.69
	15MHz	680.5	75	0	BPSK	30.13	25.91	4.22
					16QAM	31.29	24.69	6.60
	20MHz	683.0	100	0	BPSK	30.12	26.01	4.11
					16QAM	31.34	24.62	6.72
	25MHz	680.5	128	0	BPSK	30.37	26.04	4.33
					16QAM	31.56	24.76	6.80
	30MHz	683.0	160	0	BPSK	30.46	26.27	4.19
					16QAM	32.34	25.35	6.99
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

10. RADIATED TEST RESULTS

LIMITS (BAND 12, 17, 71)

FCC: §27.53 (g)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

ISED: RSS130§4.7

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

LIMITS (BAND 13)

FCC: §27.53 (c), (f)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

Note: Radiated data in section 10.1.3 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40 dBm/MHz limit was used.

ISED: RSS130§4.7

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

4.7.1 General unwanted emissions limits

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

4.7.2 Additional unwanted emissions limits

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- (c) the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

- iii. $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment and
- iv. $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment

- (d) the e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

Note: Radiated data in section 10.1.3 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40 dBm/MHz limit was used.

Radiated measurement using the Field Strength Method

Using the test configuration shown in Figure 6 below, the radiated emissions is measured directly from the EUT and convert the measured field strength or received power to ERP or EIRP, as required, for comparison to the applicable limits. As stated in 5.5.1 of ANSI C63.26-2015, the field strength measurement method using a test site validated to the requirements of ANSI C63.4 is an alternative to the substitution measurement.

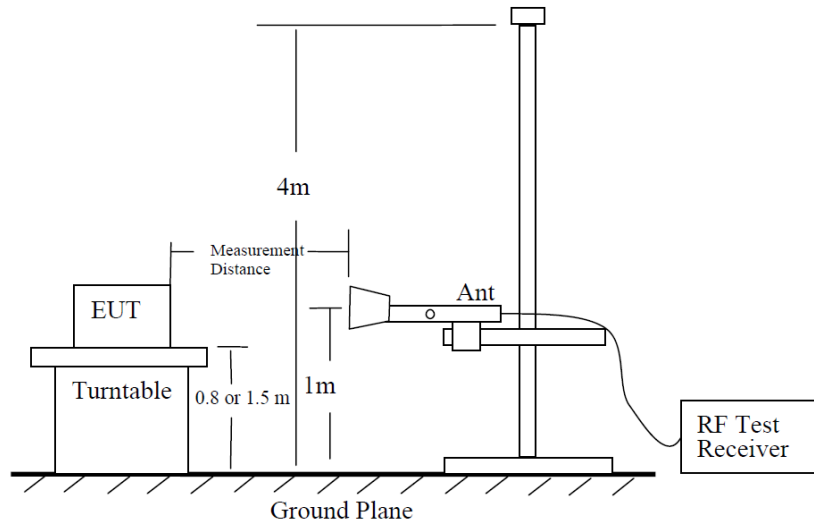


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

Radiated Power Measurement Calculation According to ANSI C63.26-2015

- a) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- b) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- c) $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$; where D is the measurement distance (in the far field region) in m.
- d) $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.

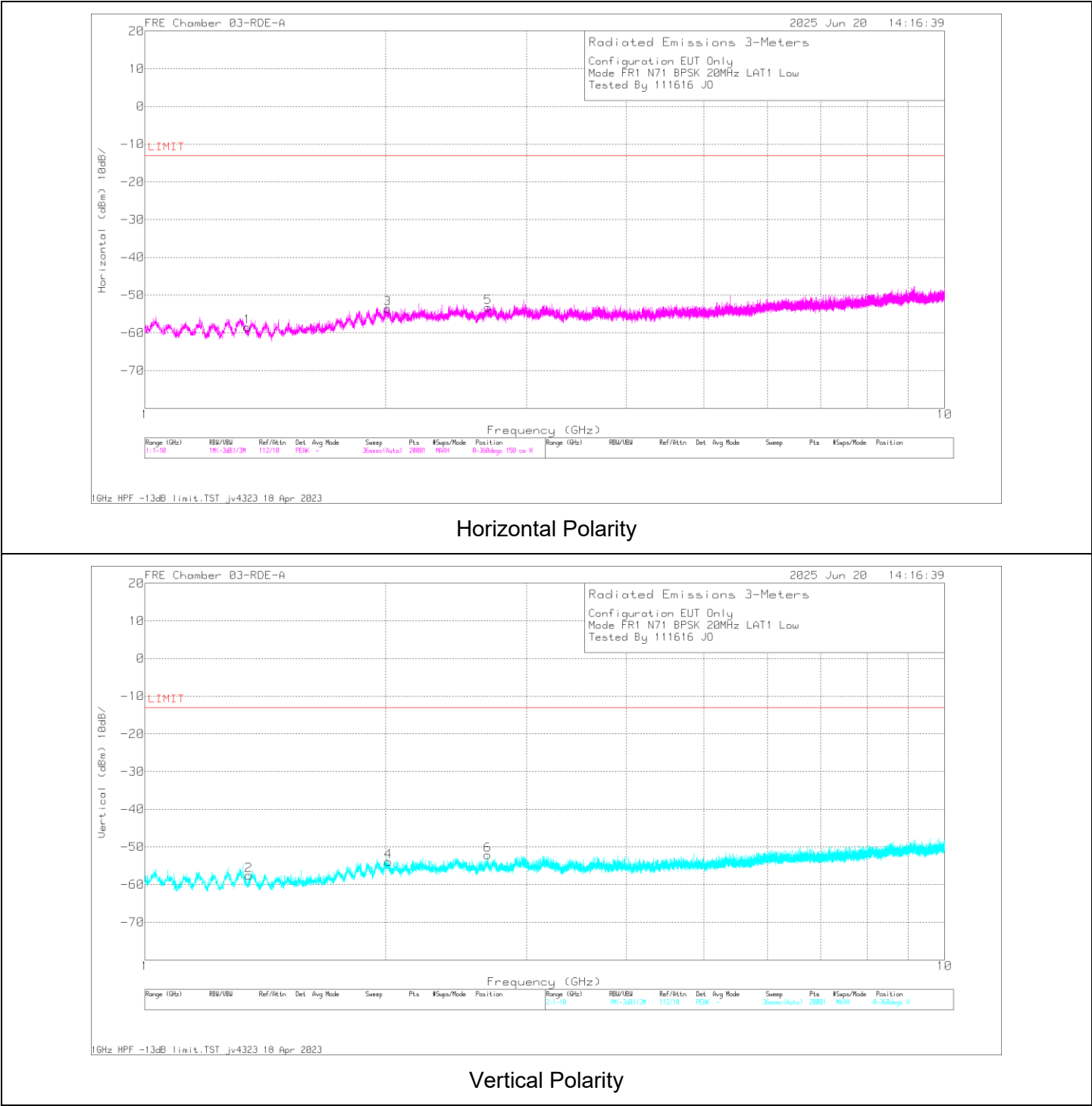
So, from d)

The measuring distance is usually at 3m, then $20 \cdot \log(3) = 9.5424$

Then, $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 9.5424 - 104.8 = E \text{ (dB}\mu\text{V/m)} - 95.2576$

Note: Confidence check of each chamber is performed daily to see if any degradation from expected/normal reading reference data. Ambient check of each chamber is performed monthly.

Example Plot



Trace Markers

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT	Margin (dB)	Polarity
1.343350	57.20	Pk	28.5	-95.2	-48.90	-58.40	-13	-45.40	H
1.348300	58.03	Pk	28.5	-95.2	-48.90	-57.57	-13	-44.57	V
2.686600	58.20	Pk	32.2	-95.2	-48.44	-53.24	-13	-40.24	H
2.684800	59.30	Pk	32.2	-95.2	-48.50	-52.20	-13	-39.20	V
2.012050	59.11	Pk	31.2	-95.2	-48.70	-53.59	-13	-40.59	H
2.016550	58.74	Pk	31.2	-95.2	-48.60	-53.86	-13	-40.86	V

10.1. FIELD STRENGTH OF SPURIOUS RADIATION, ABOVE 1GHz

TEST PROCEDURE

KDB 971168 D01 /D02

All tests above 1GHz were done with a Resolution Bandwidth of 1MHz, and a Video Bandwidth of 3MHz

RESULTS

10.1.1. LTE BAND 12

LTE BAND 12 (QPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-05-16
Test Engineer:	45258
Configuration:	EUT Only
Mode:	LTE B12 10MHz QPSK
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 704MHz									
1.399150	59.80	Pk	28.70	-95.2	-49.80	-56.50	-13	-43.50	H
1.398700	60.44	Pk	28.70	-95.2	-49.80	-55.86	-13	-42.86	V
2.098900	62.14	Pk	31.50	-95.2	-50.10	-51.66	-13	-38.66	H
2.098900	58.88	Pk	31.50	-95.2	-50.10	-54.92	-13	-41.92	V
2.817550	58.30	Pk	32.30	-95.2	-49.30	-53.90	-13	-40.90	H
2.815750	57.40	Pk	32.30	-95.2	-49.40	-54.90	-13	-41.90	V
Mid Channel, 707.5MHz									
1.409050	58.05	Pk	28.50	-95.2	-49.70	-58.35	-13	-45.35	H
1.405900	60.23	Pk	28.60	-95.2	-49.80	-56.17	-13	-43.17	V
2.108800	66.77	Pk	31.40	-95.2	-50.10	-47.13	-13	-34.13	H
2.107900	59.76	Pk	31.40	-95.2	-50.10	-54.14	-13	-41.14	V
2.828800	59.58	Pk	32.30	-95.2	-49.30	-52.62	-13	-39.62	H
2.830150	59.00	Pk	32.30	-95.2	-49.22	-53.12	-13	-40.12	V
High Channel, 711MHz									
1.416700	59.66	Pk	28.40	-95.2	-49.80	-56.94	-13	-43.94	H
1.422550	59.88	Pk	28.50	-95.2	-49.65	-56.47	-13	-43.47	V
2.120050	63.96	Pk	31.50	-95.2	-50.10	-49.84	-13	-36.84	H
2.119600	60.61	Pk	31.50	-95.2	-50.10	-53.19	-13	-40.19	V
2.842300	58.82	Pk	32.30	-95.2	-49.07	-53.15	-13	-40.15	H
2.840050	58.26	Pk	32.30	-95.2	-49.10	-53.74	-13	-40.74	V

LTE BAND 12 (QPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-07-10
Test Engineer:	32703
Configuration:	EUT Only
Mode:	LTE B12 10MHz QPSK
Chamber #:	03-RDE-C

Frequency (MHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 704 MHz									
1.398440	55.86	Pk	28.7	-95.2	-47.53	-58.17	-13	-45.17	H
1.398440	56.03	Pk	28.7	-95.2	-47.53	-58.00	-13	-45.00	V
2.098480	60.59	Pk	31.2	-95.2	-48.42	-51.83	-13	-38.83	H
2.098480	60.61	Pk	31.2	-95.2	-48.42	-51.81	-13	-38.81	V
2.796320	54.29	Pk	32.3	-95.2	-47.70	-56.31	-13	-43.31	H
2.796320	55.74	Pk	32.3	-95.2	-47.70	-54.86	-13	-41.86	V
Mid Channel, 707.5MHz									
1.405040	52.96	Pk	28.6	-95.2	-47.52	-61.16	-13	-48.16	H
1.405040	54.91	Pk	28.6	-95.2	-47.52	-59.21	-13	-46.21	V
2.109040	61.6	Pk	31.2	-95.2	-48.35	-50.75	-13	-37.75	H
2.109040	60.83	Pk	31.2	-95.2	-48.35	-51.52	-13	-38.52	V
2.810400	54.42	Pk	32.2	-95.2	-47.58	-56.16	-13	-43.16	H
2.810400	55.33	Pk	32.2	-95.2	-47.58	-55.25	-13	-42.25	V
High Channel, 711MHz									
1.412960	55.35	Pk	28.5	-95.2	-47.46	-58.81	-13	-45.81	H
1.412960	58.18	Pk	28.5	-95.2	-47.46	-55.98	-13	-42.98	V
2.119600	60.59	Pk	31.2	-95.2	-48.29	-51.70	-13	-38.70	H
2.119600	59.9	Pk	31.2	-95.2	-48.29	-52.39	-13	-39.39	V
2.824040	55.2	Pk	32.2	-95.2	-47.42	-55.22	-13	-42.22	H
2.824040	54.32	Pk	32.2	-95.2	-47.42	-56.10	-13	-43.10	V

10.1.2. 5G NR n12

5G NR n12 (BPSK 15.0MHZ BANDWIDTH, ANT 3)

Date:	2025-05-14
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n12 15MHz BPSK
Chamber #:	05-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 706.5MHz									
1.415350	58.58	Pk	28.4	-95.2	-49.74	-57.96	-13	-44.96	H
1.411750	57.33	Pk	28.5	-95.2	-49.73	-59.10	-13	-46.10	V
2.120050	58.64	Pk	31.5	-95.2	-50.10	-55.16	-13	-42.16	H
2.120500	59.35	Pk	31.5	-95.2	-50.10	-54.45	-13	-41.45	V
2.824750	58.64	Pk	32.3	-95.2	-49.30	-53.56	-13	-40.56	H
2.825650	57.97	Pk	32.3	-95.2	-49.30	-54.23	-13	-41.23	V
Mid Channel, 707.5MHz									
1.415800	57.97	Pk	28.4	-95.2	-49.78	-58.61	-13	-45.61	H
1.415800	58.08	Pk	28.4	-95.2	-49.78	-58.50	-13	-45.50	V
2.122300	59.35	Pk	31.5	-95.2	-50.10	-54.45	-13	-41.45	H
2.122750	59.73	Pk	31.5	-95.2	-50.10	-54.07	-13	-41.07	V
2.831050	57.37	Pk	32.3	-95.2	-49.30	-54.83	-13	-41.83	H
2.831950	58.72	Pk	32.3	-95.2	-49.30	-53.48	-13	-40.48	V
High Channel, 708.5MHz									
1.418500	58.31	Pk	28.4	-95.2	-49.70	-58.19	-13	-45.19	H
1.418050	57.35	Pk	28.4	-95.2	-49.70	-59.15	-13	-46.15	V
2.123200	59.01	Pk	31.5	-95.2	-50.10	-54.79	-13	-41.79	H
2.122300	59.89	Pk	31.5	-95.2	-50.10	-53.91	-13	-40.91	V
2.834200	58.36	Pk	32.3	-95.2	-49.28	-53.82	-13	-40.82	H
2.834650	57.65	Pk	32.3	-95.2	-49.24	-54.49	-13	-41.49	V

5G NR n12 (BPSK 15.0MHZ BANDWIDTH, ANT 2)

Date:	2025-07-17
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n12 15MHz BPSK
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 706.5MHz									
1.415350	58.27	Pk	28.4	-95.2	-49.74	-58.27	-13	-45.27	H
1.413550	58.15	Pk	28.5	-95.2	-49.7	-58.25	-13	-45.25	V
2.098900	62.58	Pk	31.5	-95.2	-50.1	-51.22	-13	-38.22	H
2.098900	65.97	Pk	31.5	-95.2	-50.1	-47.83	-13	-34.83	V
2.830600	58.93	Pk	32.3	-95.2	-49.26	-53.23	-13	-40.23	H
2.825650	58.69	Pk	32.3	-95.2	-49.3	-53.51	-13	-40.51	V
Mid Channel, 707.5MHz									
1.415350	57.45	Pk	28.4	-95.2	-49.74	-59.09	-13	-46.09	H
1.416250	58.46	Pk	28.4	-95.2	-49.8	-58.14	-13	-45.14	V
2.101600	65.29	Pk	31.4	-95.2	-50.1	-48.61	-13	-35.61	H
2.102050	64.43	Pk	31.4	-95.2	-50.1	-49.47	-13	-36.47	V
2.830600	58.46	Pk	32.3	-95.2	-49.26	-53.70	-13	-40.70	H
2.830600	57.47	Pk	32.3	-95.2	-49.26	-54.69	-13	-41.69	V
High Channel, 708.5MHz									
1.422550	61.57	Pk	28.5	-95.2	-49.65	-54.78	-13	-41.78	H
1.420750	60.08	Pk	28.4	-95.2	-49.70	-56.42	-13	-43.42	V
2.104750	64.92	Pk	31.4	-95.2	-50.18	-49.06	-13	-36.06	H
2.105200	64.97	Pk	31.4	-95.2	-50.18	-49.01	-13	-36.01	V
2.834650	59.12	Pk	32.3	-95.2	-49.24	-53.02	-13	-40.02	H
2.833750	58.49	Pk	32.3	-95.2	-49.30	-53.71	-13	-40.71	V

10.1.3. LTE BAND 13

LTE BAND 13 (QPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-05-16
Test Engineer:	25019
Configuration:	EUT Only
Mode:	LTE B13 10MHz QPSK
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 782MHz									
1.563850	58.20	Pk	28.10	-95.2	-49.70	-58.60	-40	-18.60	H
1.567000	58.85	Pk	28.10	-95.2	-49.70	-57.95	-40	-17.95	V
2.332450	66.48	Pk	31.60	-95.2	-50.30	-47.42	-13	-34.42	H
2.332450	59.68	Pk	31.60	-95.2	-50.30	-54.22	-13	-41.22	V
3.128950	56.59	Pk	33.20	-95.2	-47.80	-53.21	-13	-40.21	H
3.129400	56.32	Pk	33.20	-95.2	-47.80	-53.48	-13	-40.48	V

* Emissions in the GPS band were wideband emissions therefore the -40dBm/MHz limit was used.

LTE BAND 13 (QPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-05-27
Test Engineer:	32703
Configuration:	EUT Only
Mode:	LTE B13 10MHz QPSK
Chamber #:	03-RDE-A

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 782MHz									
1.563850	58.20	Pk	28.10	-95.2	-49.70	-58.60	-40	-18.60	H
1.567000	58.85	Pk	28.10	-95.2	-49.70	-57.95	-40	-17.95	V
2.332450	66.48	Pk	31.60	-95.2	-50.30	-47.42	-13	-34.42	H
2.332450	59.68	Pk	31.60	-95.2	-50.30	-54.22	-13	-41.22	V
3.128950	56.59	Pk	33.20	-95.2	-47.80	-53.21	-13	-40.21	H
3.129400	56.32	Pk	33.20	-95.2	-47.80	-53.48	-13	-40.48	V

* Emissions in the GPS band were wideband emissions therefore the -40dBm/MHz limit was used

10.1.4. LTE BAND 17

LTE BAND 17 (QPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-05-16
Test Engineer:	45258
Configuration:	EUT Only
Mode:	LTE B17 10MHz QPSK
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 709MHz									
1.4216500	59.37	Pk	28.40	-95.2	-49.70	-57.13	-13	-44.13	H
1.417600	58.39	Pk	28.40	-95.2	-49.74	-58.15	-13	-45.15	V
2.128150	60.81	Pk	31.50	-95.2	-50.00	-52.89	-13	-39.89	H
2.128150	59.22	Pk	31.50	-95.2	-50.00	-54.48	-13	-41.48	V
2.835550	57.91	Pk	32.30	-95.2	-49.20	-54.19	-13	-41.19	H
2.837350	58.52	Pk	32.30	-95.2	-49.24	-53.62	-13	-40.62	V
Mid Channel, 710MHz									
1.422100	59.67	Pk	28.40	-95.2	-49.69	-56.82	-13	-43.82	H
1.420750	58.82	Pk	28.40	-95.2	-49.70	-57.68	-13	-44.68	V
2.029150	57.75	Pk	31.80	-95.2	-49.90	-55.55	-13	-42.55	H
2.030050	58.26	Pk	31.80	-95.2	-49.90	-55.04	-13	-42.04	V
2.843650	57.98	Pk	32.30	-95.2	-49.13	-54.05	-13	-41.05	H
2.841400	58.31	Pk	32.30	-95.2	-49.10	-53.69	-13	-40.69	V
High Channel, 711MHz									
1.424800	59.76	Pk	28.50	-95.2	-49.70	-56.64	-13	-43.64	H
1.418950	59.23	Pk	28.40	-95.2	-49.70	-57.27	-13	-44.27	V
2.132200	58.75	Pk	31.50	-95.2	-50.00	-54.95	-13	-41.95	H
2.132650	59.21	Pk	31.50	-95.2	-50.00	-54.49	-13	-41.49	V
2.845900	57.59	Pk	32.30	-95.2	-49.01	-54.32	-13	-41.32	H
2.844100	57.50	Pk	32.30	-95.2	-49.19	-54.59	-13	-41.59	V

LTE BAND 17 (QPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-05-16
Test Engineer:	32440
Configuration:	EUT Only
Mode:	LTE B17 10MHz QPSK
Chamber #:	05-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 709MHz									
1.421650	59.37	Pk	28.40	-95.2	-49.70	-57.13	-13	-44.13	H
1.417600	58.39	Pk	28.40	-95.2	-49.74	-58.15	-13	-45.15	V
2.128150	60.81	Pk	31.50	-95.2	-50.00	-52.89	-13	-39.89	H
2.128150	59.22	Pk	31.50	-95.2	-50.00	-54.48	-13	-41.48	V
2.835550	57.91	Pk	32.30	-95.2	-49.20	-54.19	-13	-41.19	H
2.837350	58.52	Pk	32.30	-95.2	-49.24	-53.62	-13	-40.62	V
Mid Channel, 710MHz									
1.422100	59.67	Pk	28.40	-95.2	-49.69	-56.82	-13	-43.82	H
1.420750	58.82	Pk	28.40	-95.2	-49.70	-57.68	-13	-44.68	V
2.029150	57.75	Pk	31.80	-95.2	-49.90	-55.55	-13	-42.55	H
2.030050	58.26	Pk	31.80	-95.2	-49.90	-55.04	-13	-42.04	V
2.843650	57.98	Pk	32.30	-95.2	-49.13	-54.05	-13	-41.05	H
2.841400	58.31	Pk	32.30	-95.2	-49.10	-53.69	-13	-40.69	V
High Channel, 711MHz									
1.424800	59.76	Pk	28.50	-95.2	-49.70	-56.64	-13	-43.64	H
1.418950	59.23	Pk	28.40	-95.2	-49.70	-57.27	-13	-44.27	V
2.132200	58.75	Pk	31.50	-95.2	-50.00	-54.95	-13	-41.95	H
2.132650	59.21	Pk	31.50	-95.2	-50.00	-54.49	-13	-41.49	V
2.845900	57.59	Pk	32.30	-95.2	-49.01	-54.32	-13	-41.32	H
2.844100	57.50	Pk	32.30	-95.2	-49.19	-54.59	-13	-41.59	V

10.1.5. LTE BAND 71

LTE BAND 71 (QPSK 20.0MHZ BANDWIDTH, ANT 3)

Date:	2025-07-11
Test Engineer:	32703
Configuration:	EUT Only
Mode:	LTE B71 20MHz QPSK
Chamber #:	03-RDE-C

Frequency (MHz)	Meter Reading (dBuV)	Det	84797 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 673MHz									
1.326250	55.22	Pk	29.3	-95.2	-47.22	-57.90	-13	-44.90	H
1.326250	54.47	Pk	29.3	-95.2	-47.22	-58.65	-13	-45.65	V
1.992250	62.89	Pk	31.1	-95.2	-47.82	-49.03	-13	-36.03	H
1.992250	61.27	Pk	31.1	-95.2	-47.82	-50.65	-13	-37.65	V
2.652400	52.94	Pk	32.4	-95.2	-47.17	-57.03	-13	-44.03	H
2.652400	54.88	Pk	32.4	-95.2	-47.17	-55.09	-13	-42.09	V
Mid Channel, 683MHz									
1.342000	53.33	Pk	29.2	-95.2	-47.04	-59.71	-13	-46.71	H
1.342000	52.64	Pk	29.2	-95.2	-47.04	-60.40	-13	-47.40	V
2.014750	73.89	Pk	31.1	-95.2	-47.98	-38.19	-13	-25.19	H
2.014750	65.09	Pk	31.1	-95.2	-47.98	-46.99	-13	-33.99	V
2.682100	53.17	Pk	32.4	-95.2	-47.34	-56.97	-13	-43.97	H
2.682100	53.66	Pk	32.4	-95.2	-47.34	-56.48	-13	-43.48	V
High Channel, 688MHz									
1.356400	55.92	Pk	29.1	-95.2	-46.96	-57.14	-13	-44.14	H
1.356400	54.83	Pk	29.1	-95.2	-46.96	-58.23	-13	-45.23	V
2.037250	70.92	Pk	31.1	-95.2	-48.06	-41.24	-13	-28.24	H
2.037250	63.94	Pk	31.1	-95.2	-48.06	-48.22	-13	-35.22	V
2.712250	52.02	Pk	32.4	-95.2	-47.31	-58.09	-13	-45.09	H
2.712250	53.03	Pk	32.4	-95.2	-47.31	-57.08	-13	-44.08	V

LTE BAND 71 (QPSK 20.0MHZ BANDWIDTH, ANT 2)

Date:	2025-04-10
Test Engineer:	32440
Configuration:	EUT Only
Mode:	LTE B71 20MHz QPSK
Chamber #:	05-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 673MHz									
1.335250	60.15	Pk	28.70	-95.2	-49.13	-55.48	-13	-42.48	H
1.342000	61.10	Pk	28.70	-95.2	-48.90	-54.30	-13	-41.30	V
1.992250	67.23	Pk	31.50	-95.2	-49.21	-45.68	-13	-32.68	H
1.991800	65.58	Pk	31.50	-95.2	-49.23	-47.35	-13	-34.35	V
2.648800	58.34	Pk	32.30	-95.2	-48.98	-53.54	-13	-40.54	H
2.660050	58.29	Pk	32.20	-95.2	-48.85	-53.56	-13	-40.56	V
Mid Channel, 683.5MHz									
1.347850	59.91	Pk	28.70	-95.2	-48.93	-55.52	-13	-42.52	H
1.348300	59.85	Pk	28.70	-95.2	-48.94	-55.59	-13	-42.59	V
2.014750	63.13	Pk	31.50	-95.2	-49.53	-50.10	-13	-37.10	H
2.014300	65.20	Pk	31.50	-95.2	-49.46	-47.96	-13	-34.96	V
2.738350	57.50	Pk	32.30	-95.2	-48.22	-53.62	-13	-40.62	H
2.745550	57.43	Pk	32.30	-95.2	-47.97	-53.44	-13	-40.44	V
High Channel, 688MHz									
1.350100	59.50	Pk	28.70	-95.2	-48.96	-55.96	-13	-42.96	H
1.349650	59.60	Pk	28.70	-95.2	-48.97	-55.87	-13	-42.87	V
2.037250	67.50	Pk	31.50	-95.2	-49.49	-45.69	-13	-32.69	H
2.037250	65.02	Pk	31.50	-95.2	-49.49	-48.17	-13	-35.17	V
2.716750	58.27	Pk	32.30	-95.2	-48.09	-52.72	-13	-39.72	H
2.715850	57.93	Pk	32.30	-95.2	-48.06	-53.03	-13	-40.03	V

10.1.6. 5G NR n71

5G NR n71 (BPSK 30.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-20
Test Engineer:	111616
Configuration:	EUT Only
Mode:	5G NR n71 30MHz BPSK
Chamber #:	03-RDE-A

Frequency (MHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 678MHz									
1.343350	57.20	Pk	28.5	-95.2	-48.90	-58.4	-13	-45.40	H
1.348300	58.03	Pk	28.5	-95.2	-48.90	-57.57	-13	-44.57	V
2.012050	59.11	Pk	31.2	-95.2	-48.70	-53.59	-13	-40.59	H
2.016550	58.74	Pk	31.2	-95.2	-48.60	-53.86	-13	-40.86	V
2.686600	58.20	Pk	32.2	-95.2	-48.44	-53.24	-13	-40.24	H
2.684800	59.30	Pk	32.2	-95.2	-48.50	-52.20	-13	-39.20	V
Mid Channel, 683MHz									
1.341550	59.83	Pk	28.5	-95.2	-48.90	-55.77	-13	-42.77	H
1.342000	60.48	Pk	28.5	-95.2	-48.90	-55.12	-13	-42.12	V
2.020600	59.30	Pk	31.3	-95.2	-48.60	-53.20	-13	-40.20	H
2.012050	58.72	Pk	31.2	-95.2	-48.70	-53.98	-13	-40.98	V
2.684800	58.61	Pk	32.2	-95.2	-48.50	-52.89	-13	-39.89	H
2.691100	59.41	Pk	32.2	-95.2	-48.41	-52.00	-13	-39.00	V

5G NR n71 (BPSK 35.0MHZ BANDWIDTH, ANT 2)

Date:	2025-03-31
Test Engineer:	24928
Configuration:	EUT Only
Mode:	5G NR n71 30MHz BPSK
Chamber #:	05-RDE-B

Frequency (MHz)	Meter Reading (dBUV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 678MHz									
1.990450	64.05	Pk	31.50	-95.2	-49.16	-48.81	-13	-35.81	H
1.990450	61.01	Pk	31.50	-95.2	-49.16	-51.85	-13	-38.85	V
2.650600	59.10	Pk	32.30	-95.2	-48.91	-52.71	-13	-39.71	H
2.651500	58.37	Pk	32.30	-95.2	-48.90	-53.43	-13	-40.43	V
1.326700	57.10	Pk	28.70	-95.2	-49.03	-58.43	-13	-45.43	H
1.325800	56.96	Pk	28.70	-95.2	-49.05	-58.59	-13	-45.59	V
Mid Channel, 683MHz									
1.302400	59.55	Pk	28.70	-95.2	-49.34	-56.29	-13	-43.29	H
1.304200	61.34	Pk	28.70	-95.2	-49.25	-54.41	-13	-41.41	V
2.020150	60.06	Pk	31.50	-95.2	-49.42	-53.06	-13	-40.06	H
2.020600	64.49	Pk	31.50	-95.2	-49.40	-48.61	-13	-35.61	V
2.694700	58.56	Pk	32.30	-95.2	-48.64	-52.98	-13	-39.98	H
2.692900	59.09	Pk	32.30	-95.2	-48.56	-52.37	-13	-39.37	V

11. SETUP PHOTOS

Refer to 15496249-EP1V1 for setup photos.

END OF REPORT