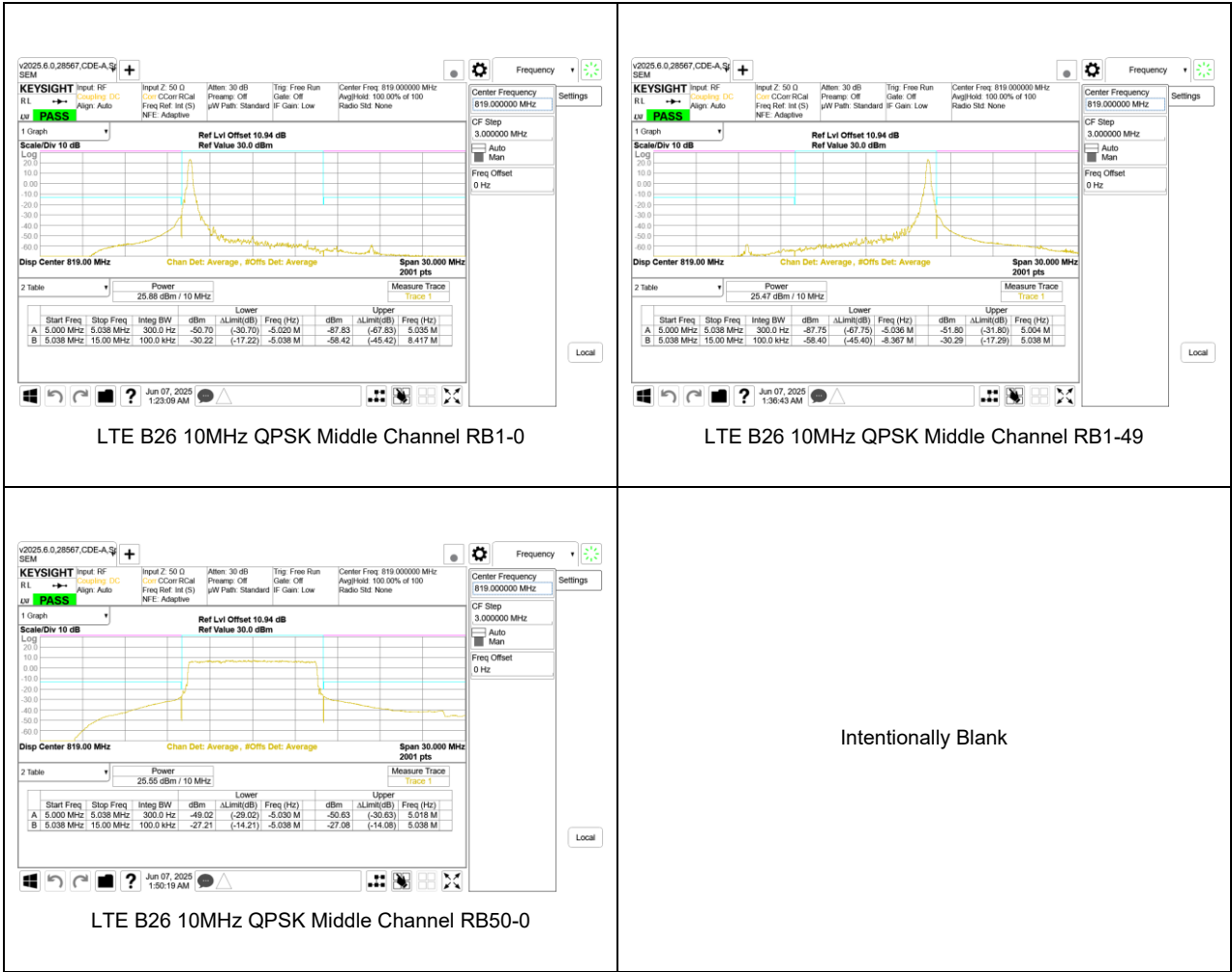
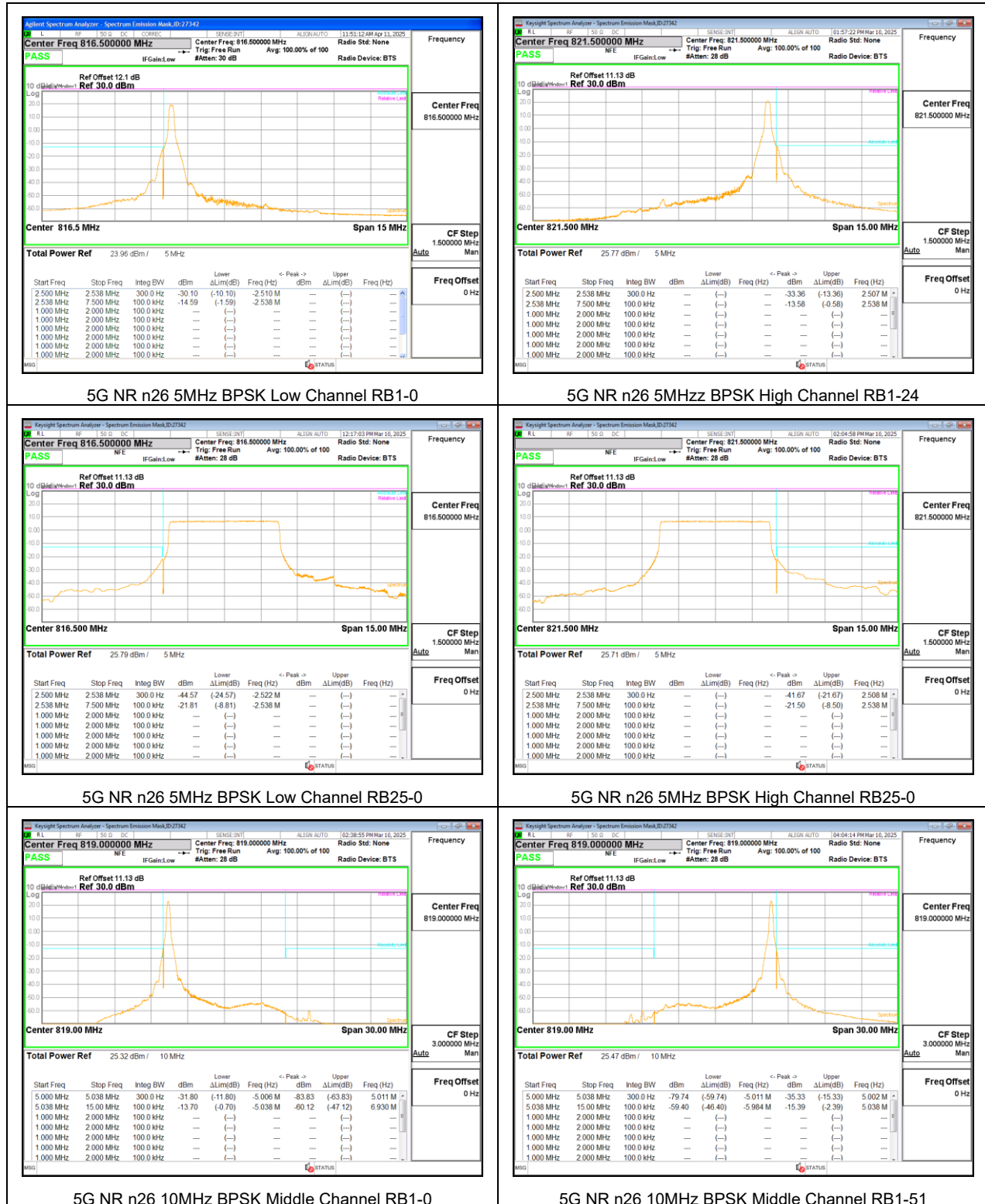
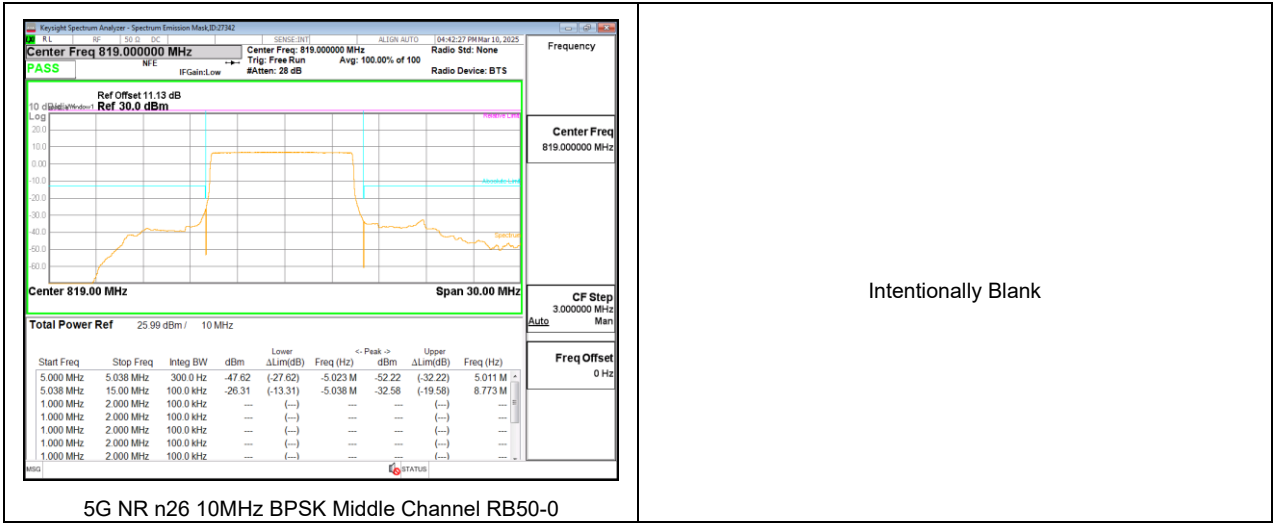


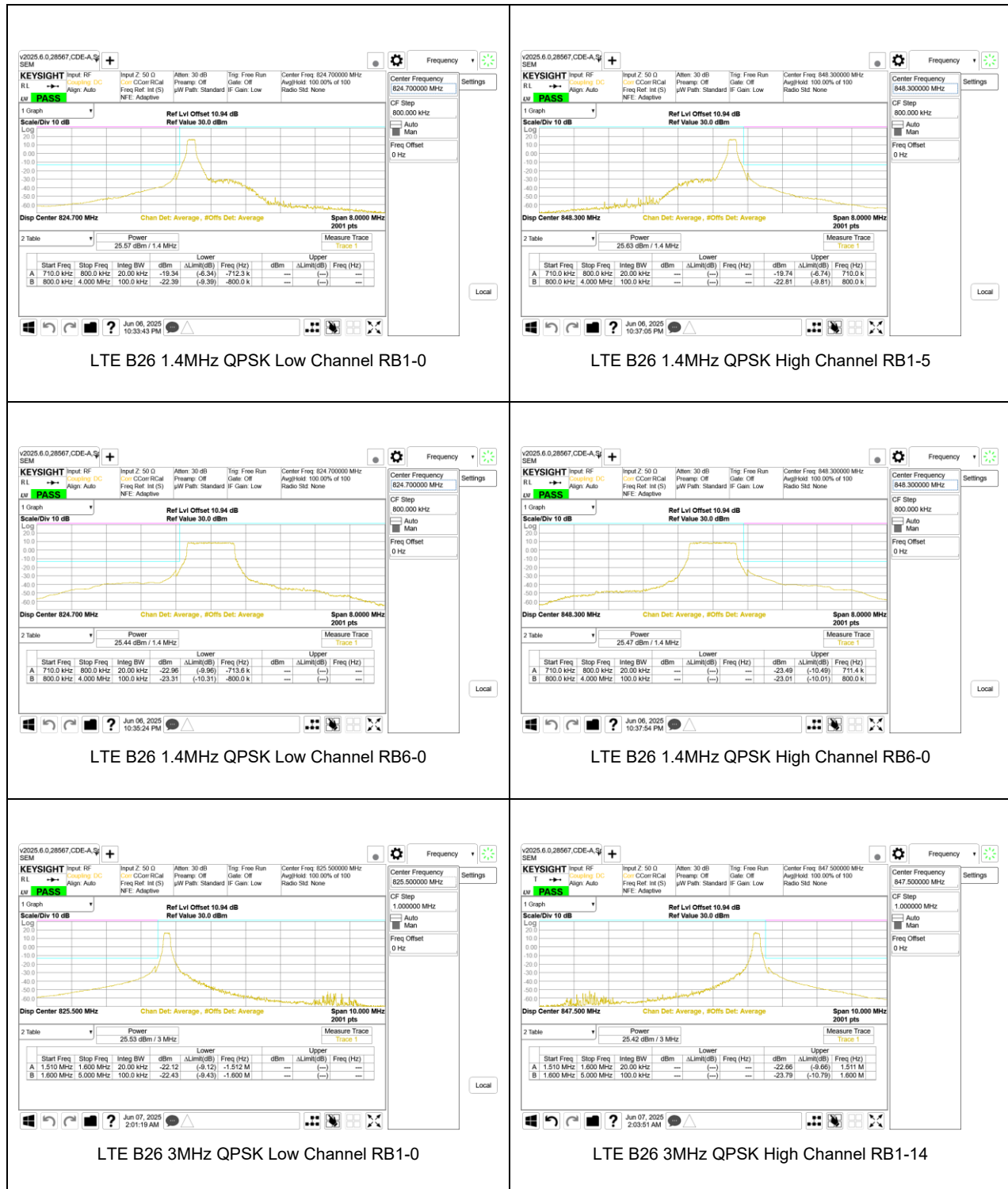


9.2.5. 5G NR n26 (FCC PART 90S)





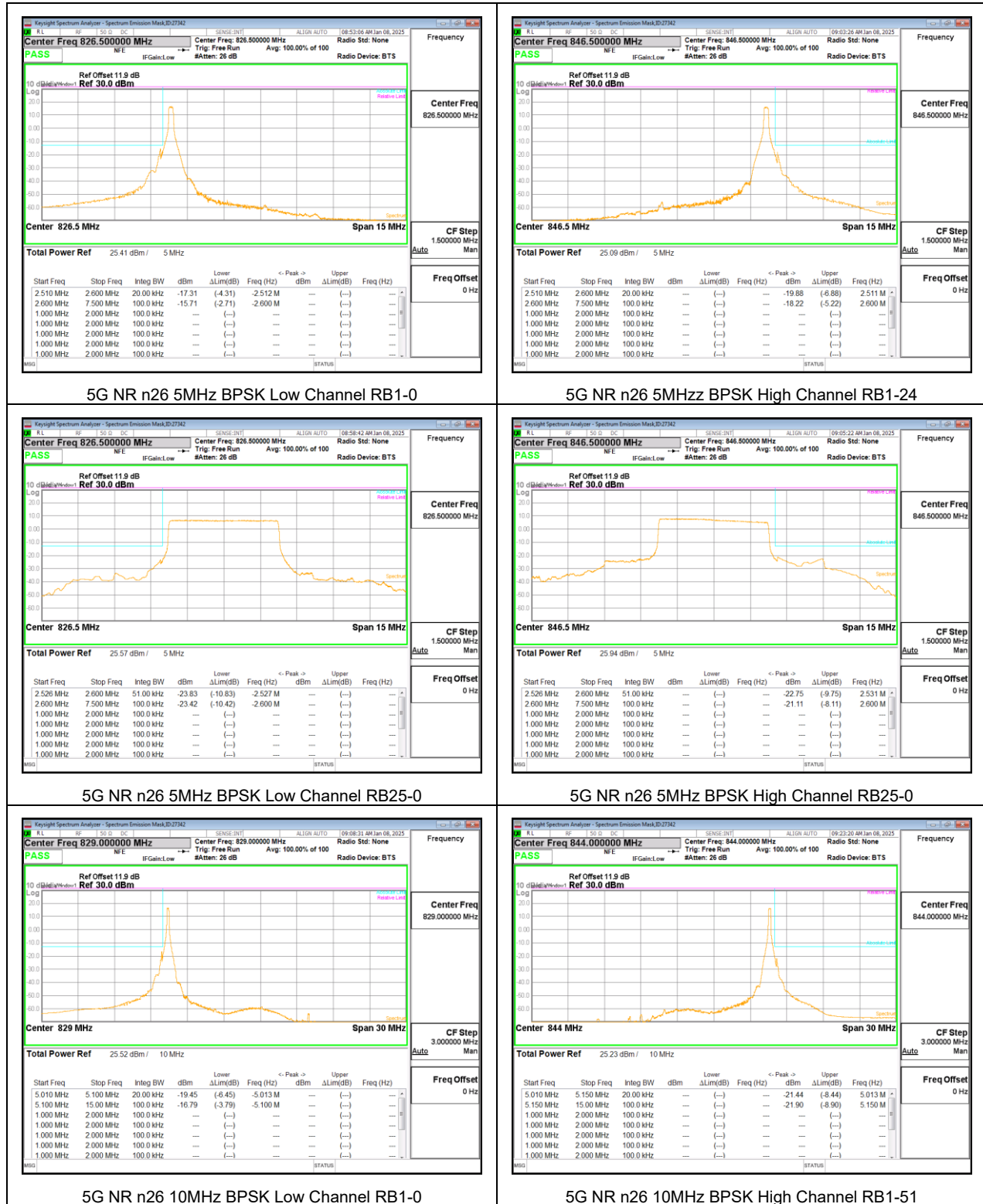
9.2.6. LTE BAND 26 (FCC PART 22)



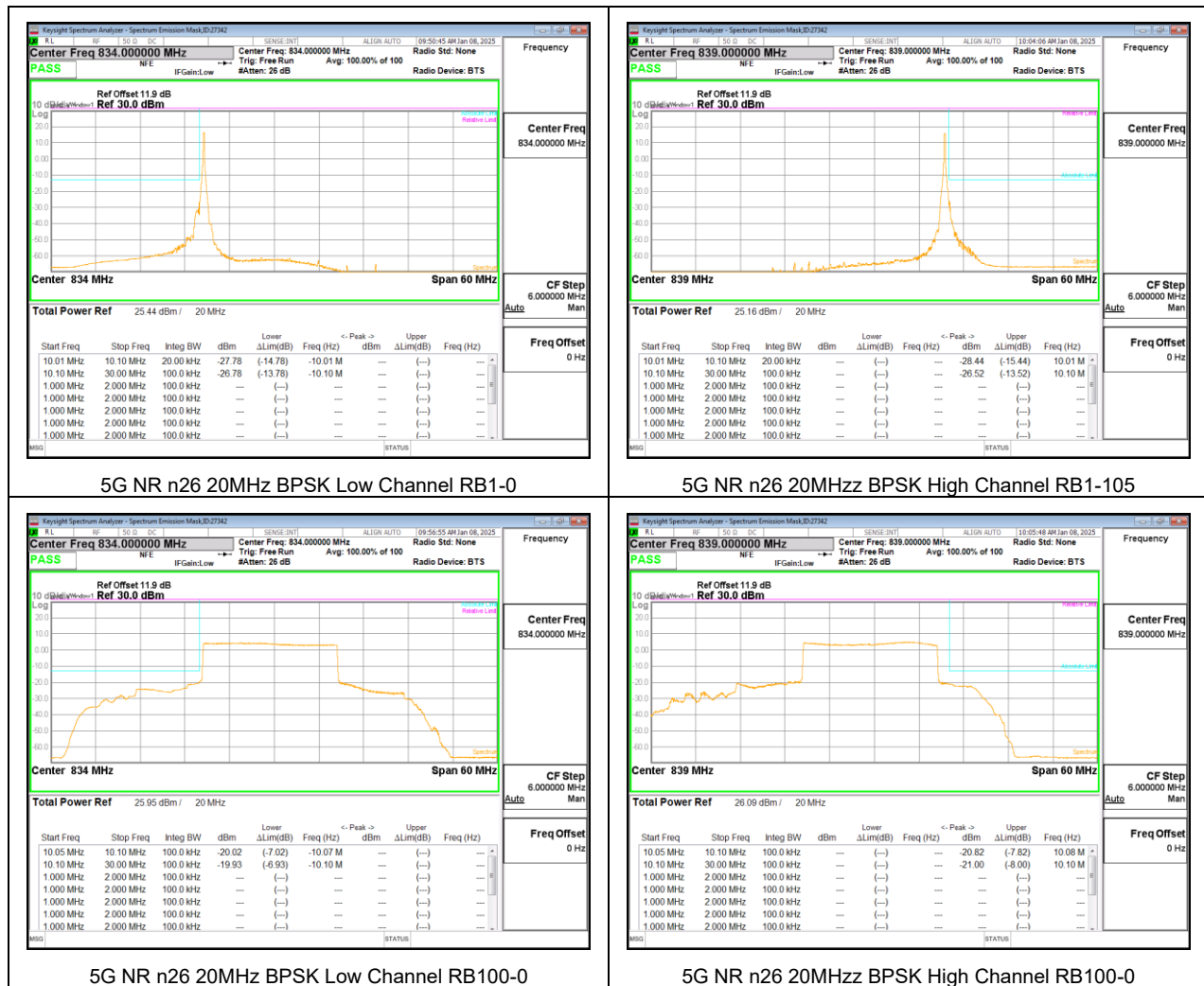




9.2.7. 5G NR n26 (FCC PART 22)







9.3. OUT OF BAND EMISSIONS

LIMITS

FCC: §22.917

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

FCC: §90.691

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

RSS132§5.5

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

TEST PROCEDURE

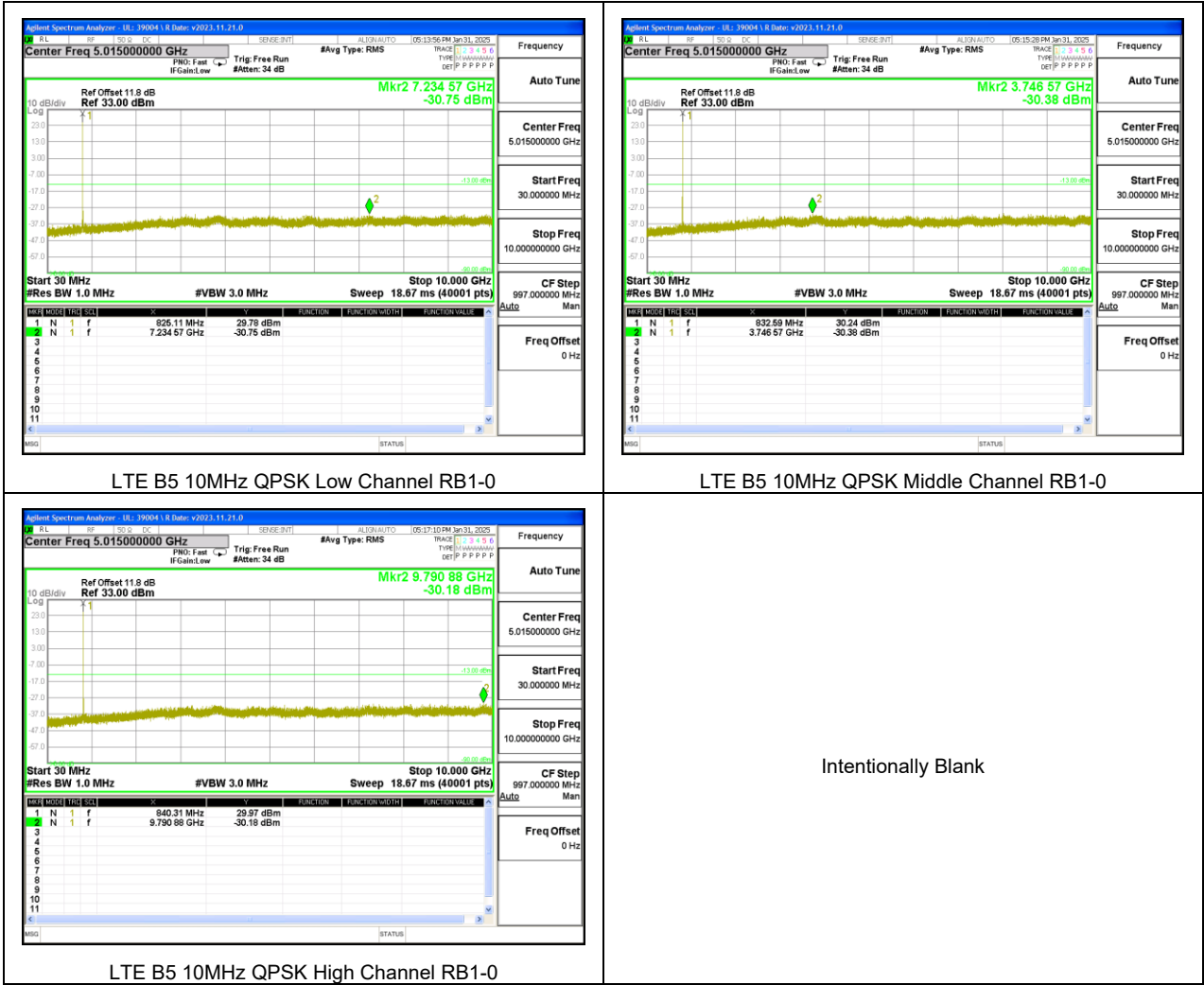
The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case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

For each out of band emissions measurement:

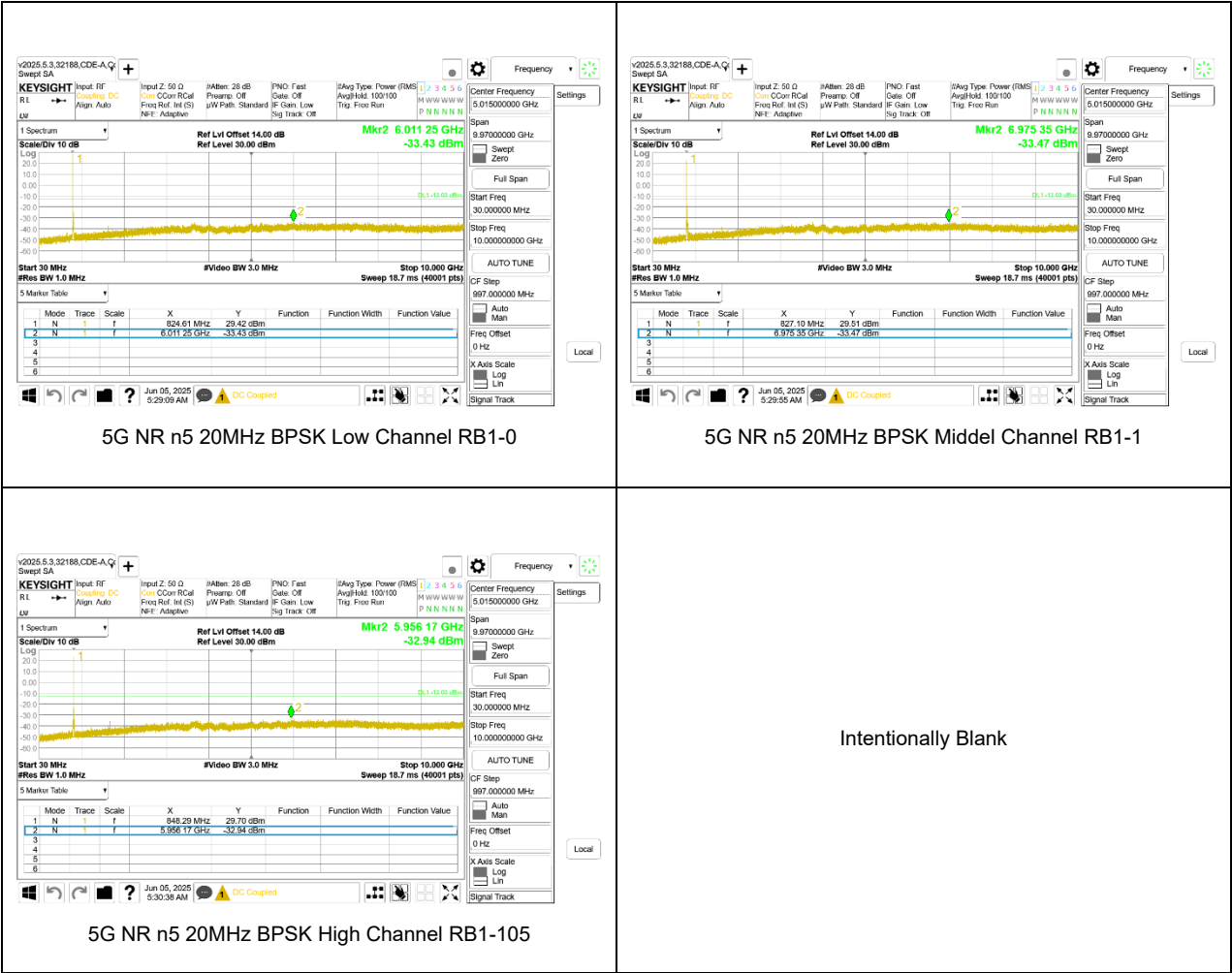
- Set display line at -13 dBm
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

RESULTS

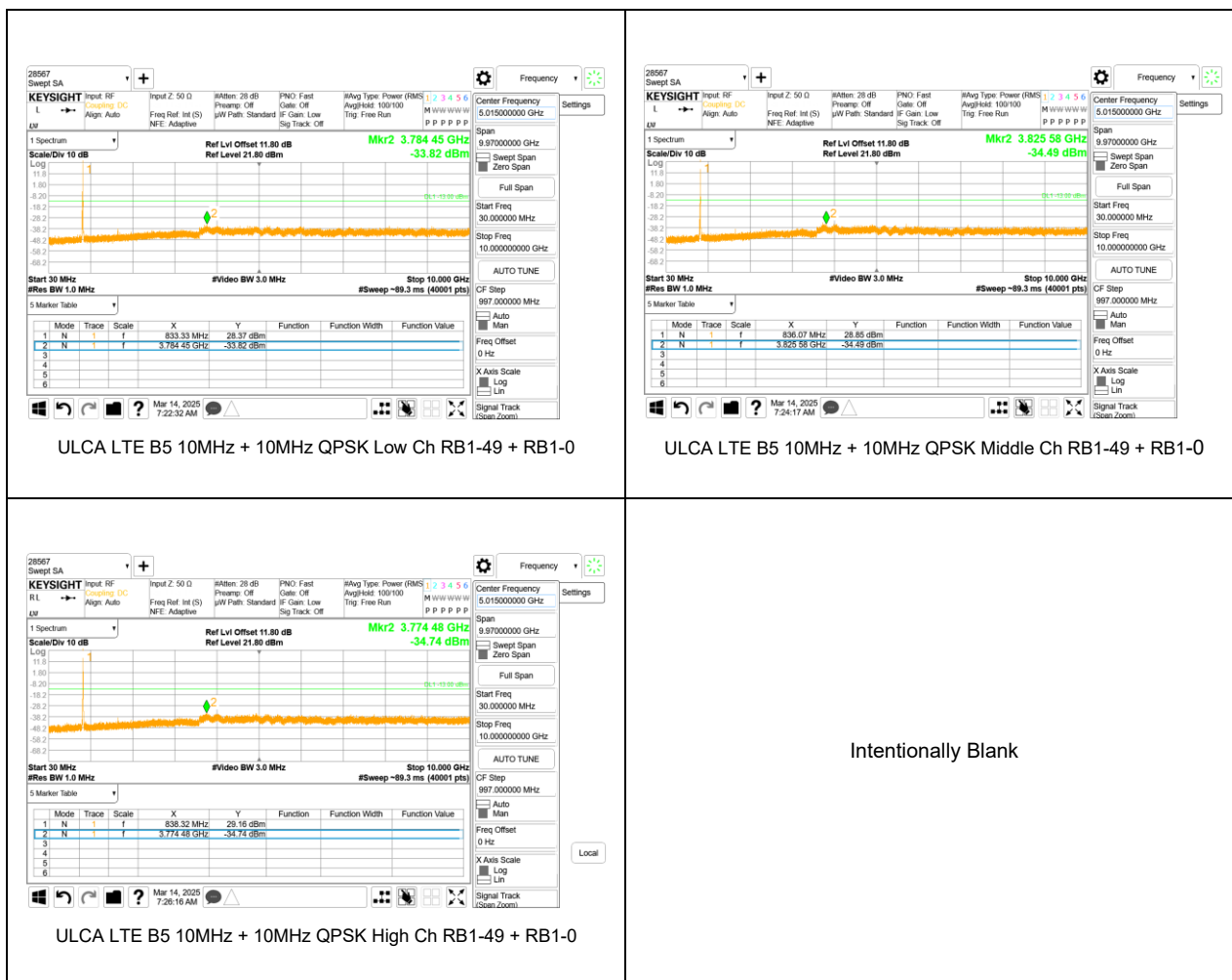
9.3.1. LTE BAND 5



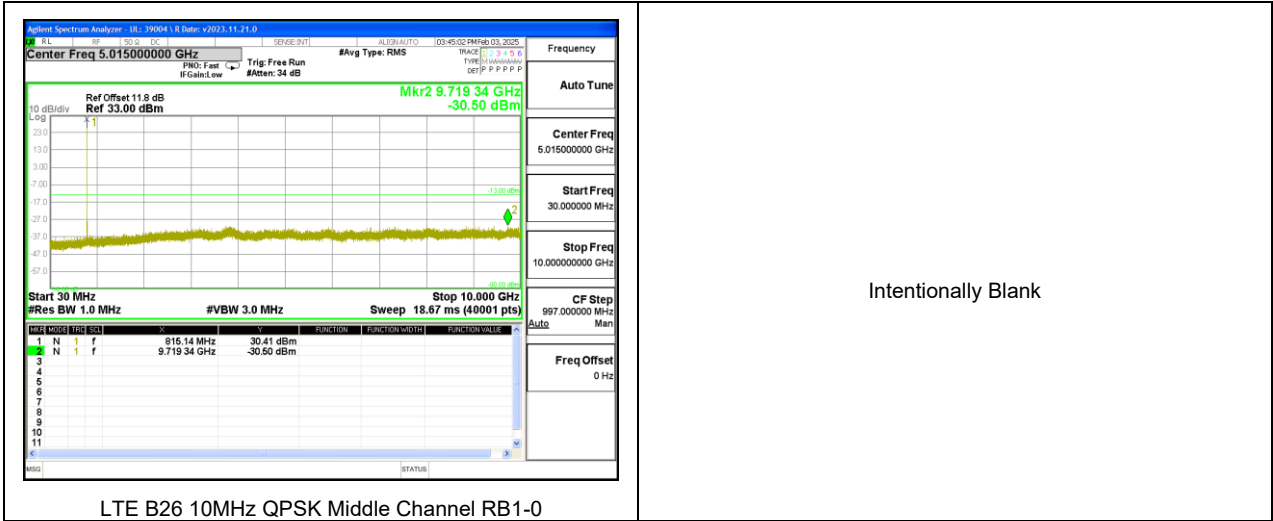
9.3.2. 5G NR n5



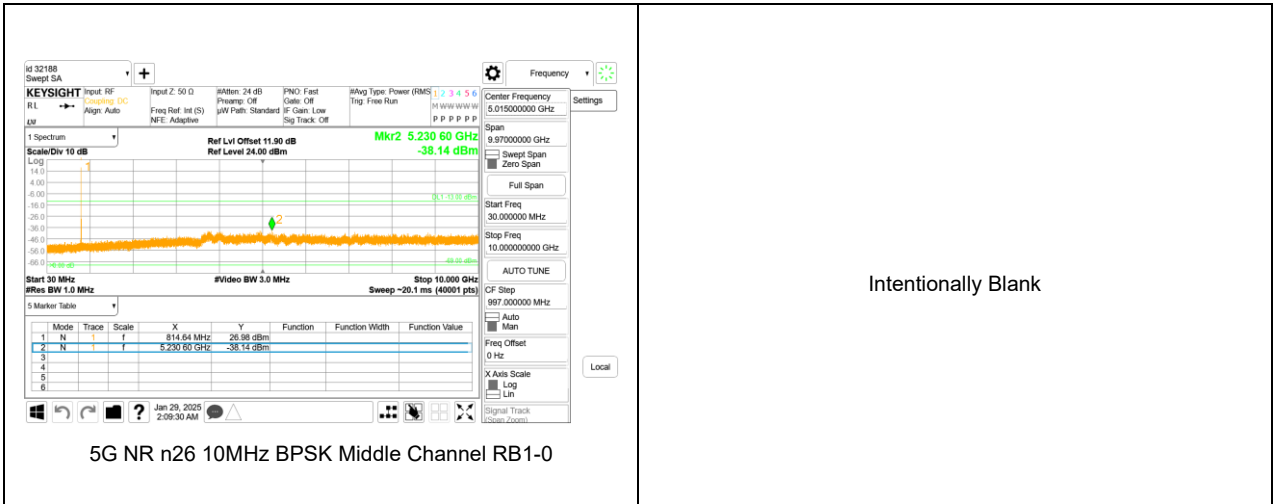
9.3.3. ULCA LTE BAND 5



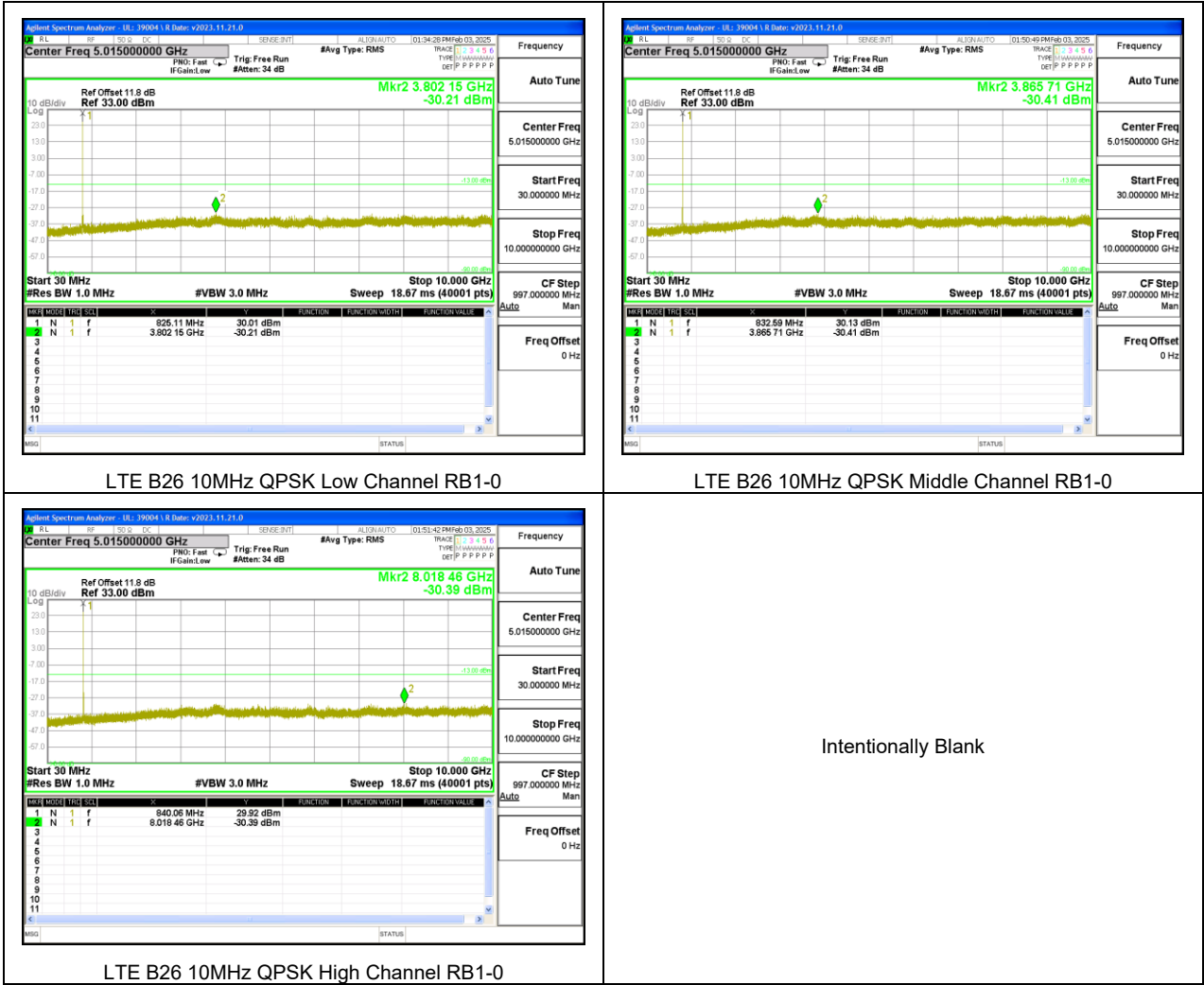
9.3.4. LTE BAND 26 (FCC PART 90S)



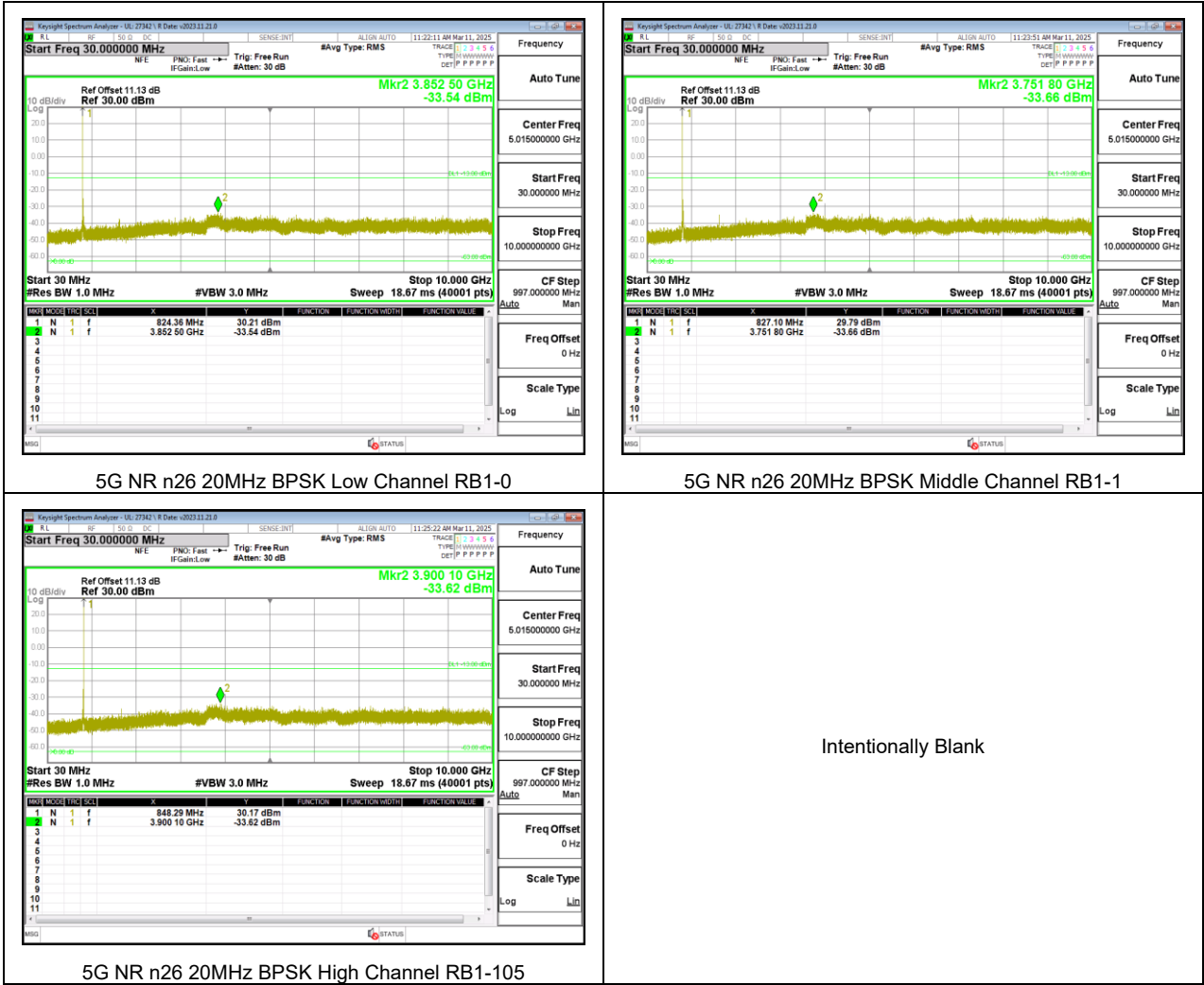
9.3.5. 5G NR n26 (FCC PART 90S)



9.3.6. LTE BAND 26 (FCC PART 22)



9.3.7. 5G NR n26 (FCC PART 22)



9.4. FREQUENCY STABILITY

LIMITS

FCC: §22.355

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

FCC: §90.213

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

ISED: RSS132§5.3

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within each of the sub-bands 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 $+50^{\circ}\text{C}$
- 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 $+50^{\circ}\text{C}$ is reached.

Frequency Stability vs Voltage:

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

RESULTS

See the following pages.

9.4.1. LTE BAND 5 (QPSK 10MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	2025-02-27
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Band	5	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		824	849		2.5	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	824.5058	848.4700			
Extreme (50°C)		824.5058	848.4700	0.9	0.001	Yes
Extreme (40°C)		824.5058	848.4700	2.1	0.003	Yes
Extreme (30°C)		824.5058	848.4700	1.0	0.001	Yes
Extreme (10°C)		824.5058	848.4700	1.6	0.002	Yes
Extreme (0°C)		824.5058	848.4700	3.9	0.005	Yes
Extreme (-10°C)		824.5058	848.4700	1.6	0.002	Yes
Extreme (-20°C)		824.5058	848.4700	2.0	0.002	Yes
Extreme (-30°C)		824.5058	848.4700	-0.7	-0.001	Yes
20°C	15%	824.5058	848.4700	-0.9	-0.001	Yes
	-15%	824.5058	848.4700	0.5	0.001	Yes
	End Point Voltage	824.5058	848.4700	0.8	0.001	Yes

9.4.2. 5G NR n5 (BPSK 20MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	2025-03-07
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Band	5	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		824	849		2.5	
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	824.5080	847.3883			
Extreme (50°C)		824.5080	847.3883	-0.4	0.000	Yes
Extreme (40°C)		824.5080	847.3883	-0.57	-0.001	Yes
Extreme (30°C)		824.5080	847.3883	-1.12	-0.001	Yes
Extreme (10°C)		824.5080	847.3883	-1.63	-0.002	Yes
Extreme (0°C)		824.5080	847.3883	-1.21	-0.001	Yes
Extreme (-10°C)		824.5080	847.3883	1.23	0.001	Yes
Extreme (-20°C)		824.5080	847.3883	1.37	0.002	Yes
Extreme (-30°C)		824.5080	847.3883	1.1	0.001	Yes
20°C	15%	824.5080	847.3883	0.47	0.001	Yes
	-15%	824.5080	847.3883	-1.06	-0.001	Yes
	End Point Voltage	824.5080	847.3883	0.64	0.001	Yes

9.4.3. ULCA LTE BAND 5 (QPSK 10MHz + 10MHz BANDWIDTH)

Test Engineer ID:	27700	Test Date:	2025-03-13
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Band	5	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		824	849		2.5	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	824.5641	848.4327			
Extreme (50°C)		824.5641	848.4327	24.2	0.029	Yes
Extreme (40°C)		824.5641	848.4327	19.8	0.024	Yes
Extreme (30°C)		824.5641	848.4327	9.2	0.011	Yes
Extreme (10°C)		824.5641	848.4327	-5.0	-0.006	Yes
Extreme (0°C)		824.5641	848.4327	-7.0	-0.008	Yes
Extreme (-10°C)		824.5641	848.4327	-10.0	-0.012	Yes
Extreme (-20°C)		824.5641	848.4327	-9.3	-0.011	Yes
Extreme (-30°C)		824.5641	848.4327	-6.1	-0.007	Yes
20°C	15%	824.5641	848.4327	13.7	0.016	Yes
	-15%	824.5641	848.4327	13.1	0.016	Yes
	End Point Voltage	824.5641	848.4327	14.5	0.017	Yes

9.4.4. LTE BAND 26 (QPSK 10MHz BANDWIDTH, FCC PART 90S)

Test Engineer ID:	27700	Test Date:	2025-03-03
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Band	26	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		814	824		2.5	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	814.5278	823.4875			
Extreme (50°C)		814.5278	823.4875	-0.4	-0.001	Yes
Extreme (40°C)		814.5278	823.4875	1.9	0.002	Yes
Extreme (30°C)		814.5278	823.4875	0.3	0.000	Yes
Extreme (10°C)		814.5278	823.4875	-0.3	0.000	Yes
Extreme (0°C)		814.5278	823.4875	1.9	0.002	Yes
Extreme (-10°C)		814.5278	823.4875	2.6	0.003	Yes
Extreme (-20°C)		814.5278	823.4875	0.7	0.001	Yes
Extreme (-30°C)		814.5278	823.4875	1.9	0.002	Yes
20°C	15%	814.5278	823.4875	1.3	0.002	Yes
	-15%	814.5278	823.4875	0.4	0.001	Yes
	End Point Voltage	814.5278	823.4875	1.5	0.002	Yes

9.4.5. 5G NR n26 (BPSK 10MHz BANDWIDTH, FCC PART 90S)

Test Engineer ID:	27700	Test Date:	2025-03-07
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Band	26	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		814	824		2.5	
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	814.3373	823.2849			
Extreme (50°C)		814.3373	823.2849	-4.61	-0.006	Yes
Extreme (40°C)		814.3373	823.2849	-3.97	-0.005	Yes
Extreme (30°C)		814.3373	823.2849	-1.91	-0.002	Yes
Extreme (10°C)		814.3373	823.2849	-3.6	-0.004	Yes
Extreme (0°C)		814.3373	823.2849	-2.4	-0.003	Yes
Extreme (-10°C)		814.3373	823.2849	-4.1	-0.005	Yes
Extreme (-20°C)		814.3373	823.2849	-2.34	-0.003	Yes
Extreme (-30°C)		814.3373	823.2849	-3.97	-0.005	Yes
20°C	15%	814.3373	823.2849	-2.45	-0.003	Yes
	-15%	814.3373	823.2849	-4.17	-0.005	Yes
	End Point Voltage	814.3373	823.2849	-1.48	-0.002	Yes

9.4.6. LTE BAND 26 (QPSK 10MHz BANDWIDTH, FCC PART 22)

Test Engineer ID:	27700	Test Date:	2025-03-03
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Band	26	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		824	849		2.5	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	
Temperature	Voltage					
Normal (20°C)	Normal	824.7744	848.2201			
Extreme (50°C)		824.7744	848.2201	-0.8	-0.001	Yes
Extreme (40°C)		824.7744	848.2201	-0.7	-0.001	Yes
Extreme (30°C)		824.7744	848.2201	0.2	0.000	Yes
Extreme (10°C)		824.7744	848.2201	1.2	0.001	Yes
Extreme (0°C)		824.7744	848.2201	0.8	0.001	Yes
Extreme (-10°C)		824.7744	848.2201	1.6	0.002	Yes
Extreme (-20°C)		824.7744	848.2201	1.7	0.002	Yes
Extreme (-30°C)		824.7744	848.2201	2.1	0.002	Yes
20°C	15%	824.7744	848.2201	0.2	0.000	Yes
	-15%	824.7744	848.2201	1.0	0.001	Yes
	End Point Voltage	824.7744	848.2201	0.3	0.000	Yes

9.4.7. 5G NR n26 (BPSK 20MHz BANDWIDTH, FCC PART 22)

Test Engineer ID:	27700	Test Date:	2025-03-07
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Band	26	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		824	849		2.5	
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	824.0059	847.3916			
Extreme (50°C)		824.0059	847.3916	-4.21	-0.005	Yes
Extreme (40°C)		824.0059	847.3916	-3.23	-0.004	Yes
Extreme (30°C)		824.0059	847.3916	0.92	0.001	Yes
Extreme (10°C)		824.0059	847.3916	0.67	0.001	Yes
Extreme (0°C)		824.0059	847.3916	-1.36	-0.002	Yes
Extreme (-10°C)		824.0059	847.3916	0.53	0.001	Yes
Extreme (-20°C)		824.0059	847.3916	2.05	0.002	Yes
Extreme (-30°C)		824.0059	847.3916	-1.07	-0.001	Yes
20°C	15%	824.0059	847.3916	1.22	0.001	Yes
	-15%	824.0059	847.3916	0.26	0.000	Yes
	End Point Voltage	824.0059	847.3916	0.87	0.001	Yes

9.5. PEAK-TO-AVERAGE POWER RATIO

LIMIT

FCC: §22.913 (d)

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

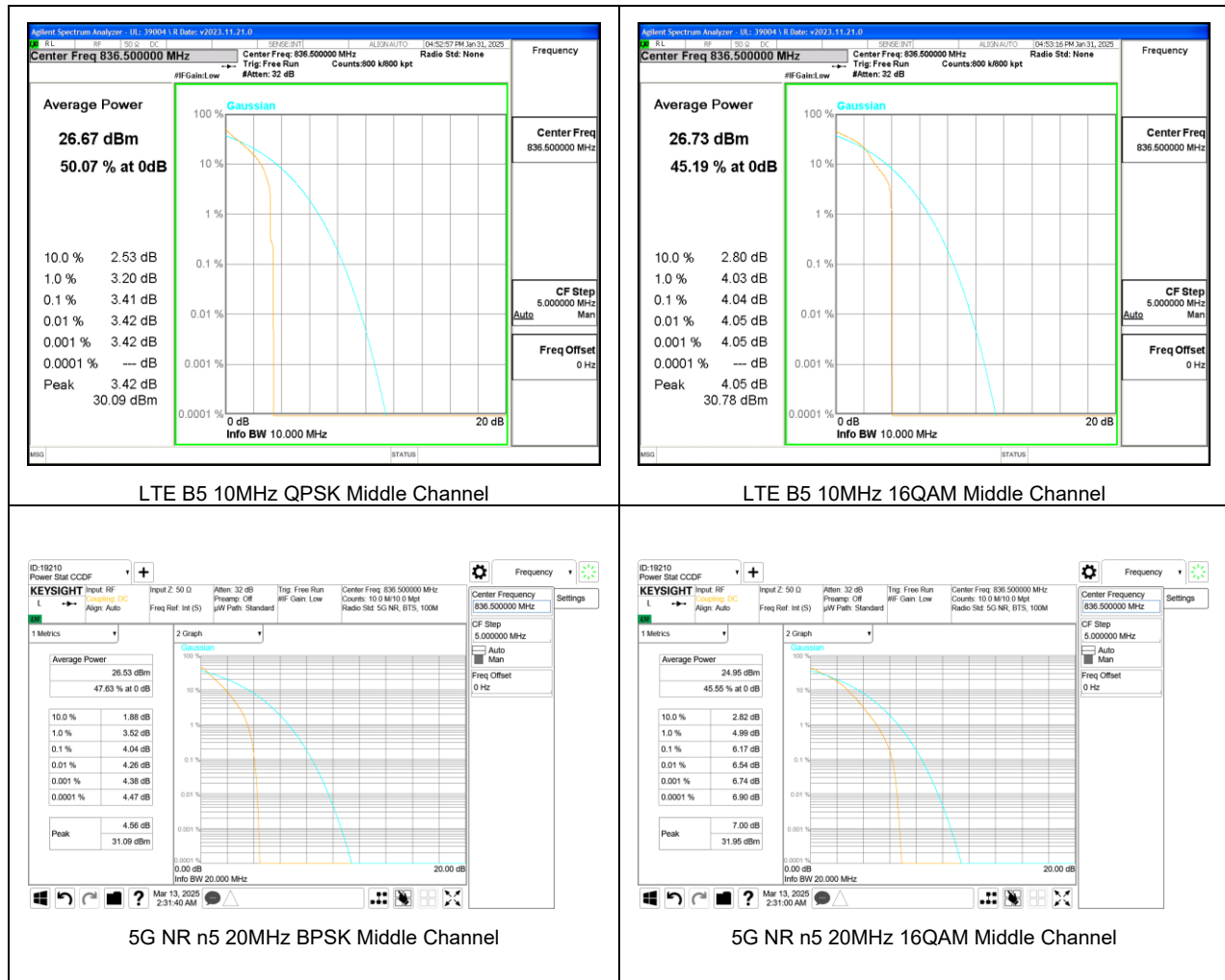
ISED: RSS132§5.4

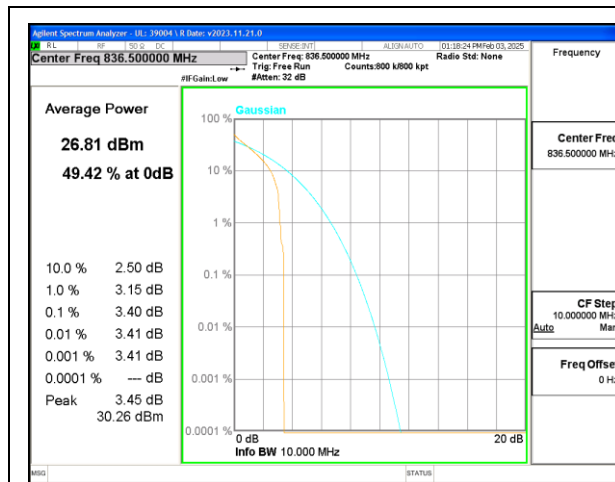
In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

RESULT

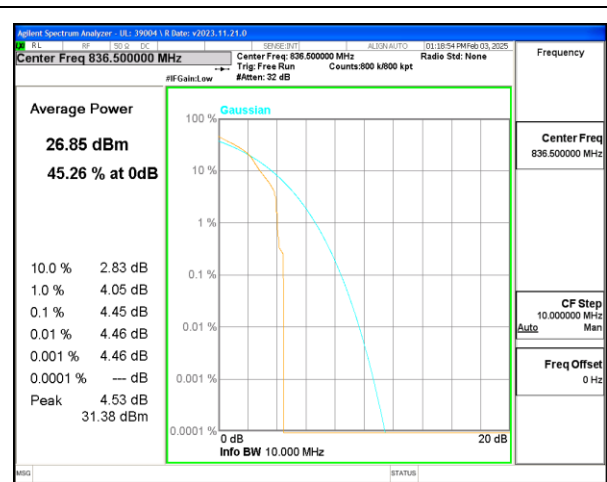
Antenna 3 was used to measure as the worst case; full resource block (FRB) for each bandwidth was used to measure as the worst case. The results from all CCDF measurements are passed with 13dB peak-to-average power ratio criteria.

Example Plots: FULL RB

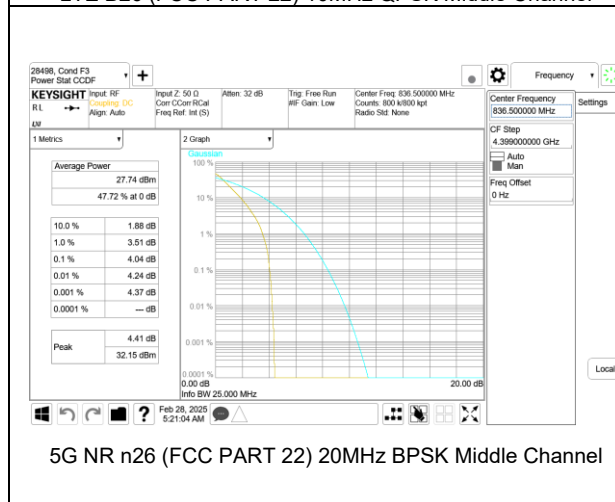




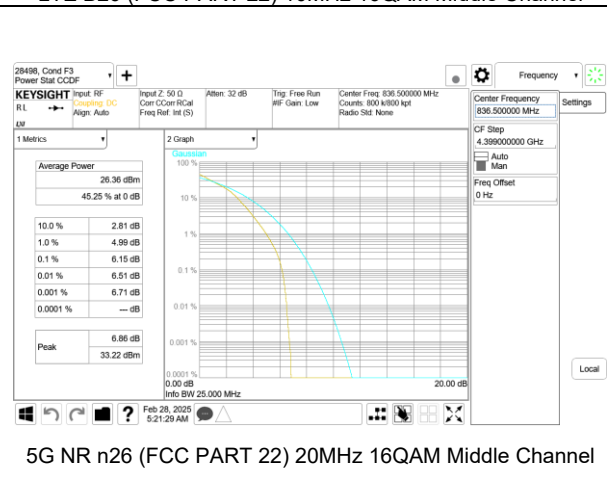
LTE B26 (FCC PART 22) 10MHz QPSK Middle Channel



LTE B26 (FCC PART 22) 10MHz 16QAM Middle Channel



5G NR n26 (FCC PART 22) 20MHz BPSK Middle Channel



5G NR n26 (FCC PART 22) 20MHz 16QAM Middle Channel

9.5.1. LTE BAND 5

Test Engineer ID:	39004	Test Date:	2025-01-31
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 5	1.4MHz	836.5	6	0	QPSK	30.18	26.62	3.56
					16QAM	31.21	26.75	4.46
	3MHz		15	0	QPSK	30.25	26.71	3.54
					16QAM	31.21	26.89	4.32
	5MHz		25	0	QPSK	30.03	26.69	3.34
					16QAM	31.17	26.88	4.29
	10MHz		50	0	QPSK	30.09	26.67	3.42
					16QAM	30.78	26.73	4.05
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 n5

Test Engineer ID:	19210	Test Date:	2025-03-12
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n5	5MHz	836.5	25	0	BPSK	31.21	26.72	4.49
					16QAM	31.93	25.19	6.74
	10MHz		50	0	BPSK	31.13	26.72	4.41
					16QAM	31.93	25.09	6.84
	15MHz		75	0	BPSK	31.25	26.64	4.61
					16QAM	32.12	25.13	6.99
	20MHz		100	0	BPSK	31.09	26.53	4.56
					16QAM	31.95	24.95	7.00
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.3. ULCA LTE BAND 5

Test Engineer ID:	28774	Test Date:	2025-02-26
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Band	Bandwidth (MHz)	PCC f (MHz)	SCC1 f (MHz)	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
					Peak	Average	
ULCA LTE Band 5	3MHz / 5MHz	834.1	838.0	QPSK	35.56	27.83	7.73
				16QAM	35.86	27.33	8.53
	5 MHz / 3MHz	835.1	839.0	QPSK	35.97	27.90	8.07
				16QAM	35.76	27.15	8.61
	5MHz / 10MHz	831.8	839.0	QPSK	36.13	26.83	9.30
				16QAM	35.17	25.89	9.28
	10MHz / 5MHz	834.3	841.5	QPSK	35.22	26.46	8.76
				16QAM	35.08	25.50	9.58
10MHz / 10MHz	831.6	841.5	QPSK	36.35	25.95	10.40	
			16QAM	35.78	25.03	10.75	
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 26 (FCC PART 90S)

Test Engineer ID:	39004	Test Date:	2025-02-03
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 26 (FCC Part 90S)	1.4MHz	819.0	6	0	QPSK	31.33	26.80	4.53
					16QAM	32.28	26.89	5.39
	3MHz		15	0	QPSK	30.45	26.95	3.50
					16QAM	31.38	27.04	4.34
	5MHz		25	0	QPSK	30.91	27.02	3.89
					16QAM	31.68	27.12	4.56
	10MHz		50	0	QPSK	31.72	26.68	5.04
					16QAM	32.03	25.69	6.34
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.5. 5G NR n26 (FCC PART 90S)

Test Engineer ID:	28498	Test Date:	2025-02-27
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n26 (FCC Part 90S)	5MHz	819.0	25	0	BPSK	31.91	27.73	4.18
				16QAM	32.96	26.44	6.52	
	10MHz	50	0	BPSK	32.04	27.72	4.32	
				16QAM	33.19	26.47	6.72	
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.6. LTE BAND 26 (FCC PART 22)

Test Engineer ID:	39004	Test Date:	2025-02-03
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 26 (FCC Part 22)	1.4MHz	836.5	6	0	QPSK	31.26	26.76	4.50
					16QAM	32.24	26.98	5.26
	3MHz		15	0	QPSK	30.45	26.92	3.53
					16QAM	31.41	26.99	4.42
	5MHz		25	0	QPSK	30.37	26.88	3.49
					16QAM	31.69	27.13	4.56
	10MHz		50	0	QPSK	30.26	26.81	3.45
					16QAM	31.38	26.85	4.53
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.7. 5G NR n26 (FCC PART 22)

Test Engineer ID:	28498	Test Date:	2025-02-27
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n26 (FCC Part 22)	5MHz	836.5	25	0	BPSK	31.91	27.66	4.25
				16QAM	33.01	26.5	6.51	
	10MHz		50	0	BPSK	32.06	27.76	4.30
				16QAM	33.03	26.49	6.54	
	15MHz		75	0	BPSK	32.09	27.62	4.47
				16QAM	33.15	26.43	6.72	
	20MHz		100	0	BPSK	32.15	27.74	4.41
				16QAM	33.22	26.36	6.86	
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

FCC: §22.917(a)

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

FCC: §90.691

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

RSS132§5.5

Equipment shall meet the unwanted emission limits specified below:

- (i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated below the transmitter output power P (dBW) by at least $43 + 10 \log(p)$ dB.
- (ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated below the transmitter output power P (dBW) by at least $43 + 10 \log(p)$ dB. If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

p is the output power specified in watts.

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.

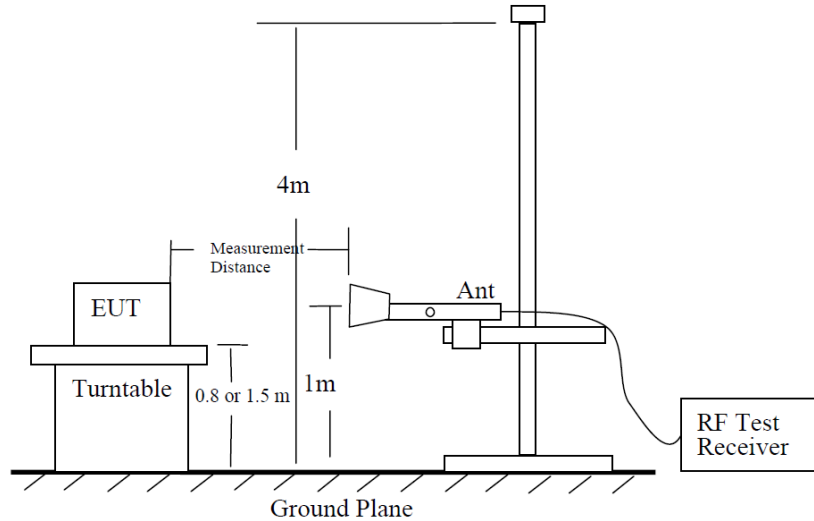


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

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.

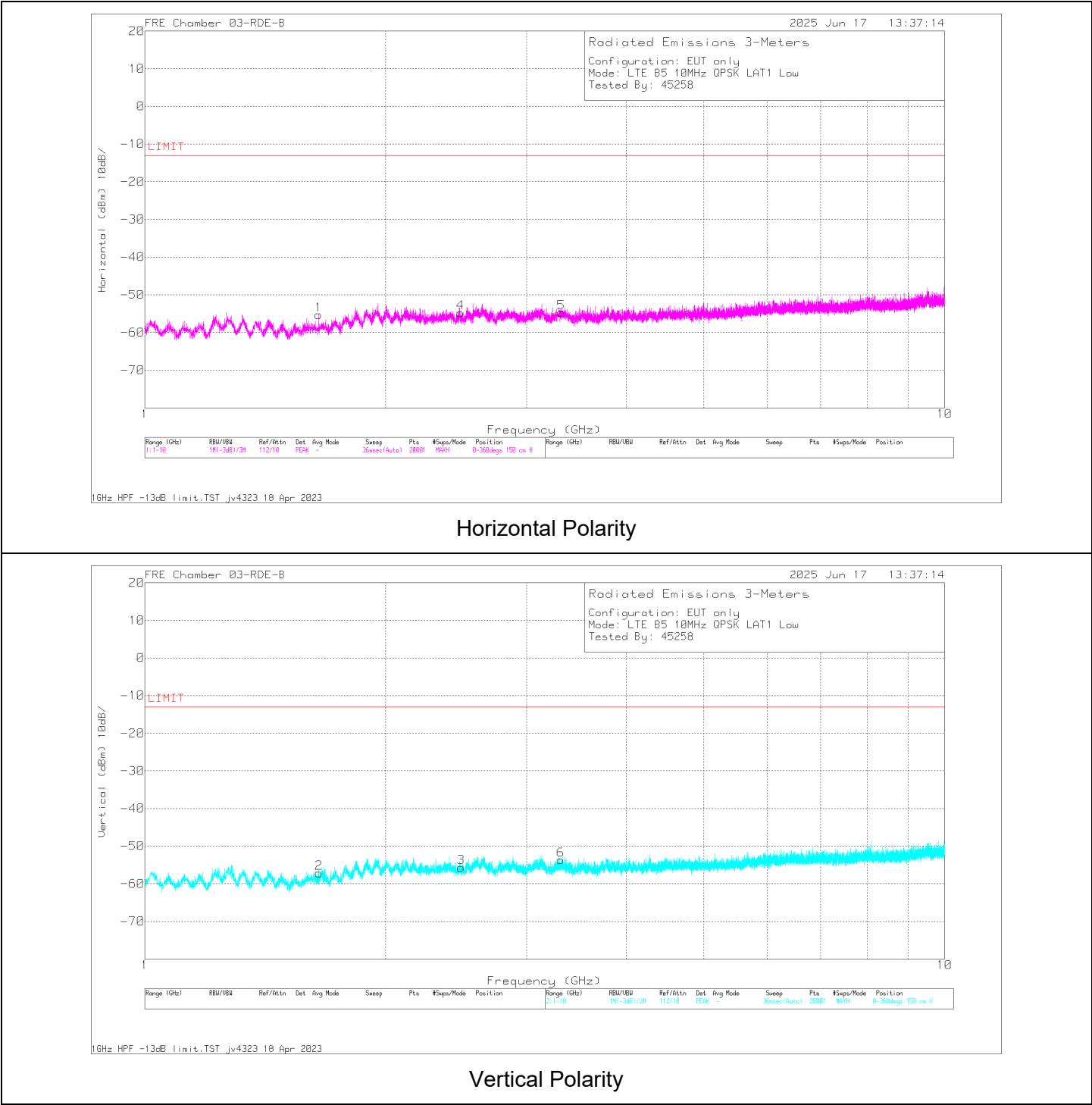
So, from d)

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	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
1.649350	60.55	Pk	28.9	-95.2	-49.6	-55.35	-13	-42.35	H
1.652050	58.77	Pk	28.9	-95.2	-49.7	-57.23	-13	-44.23	V
2.482975	58.38	Pk	31.9	-95.2	-49.9	-54.82	-13	-41.82	H
2.486800	57.52	Pk	31.9	-95.2	-49.9	-55.68	-13	-42.68	V
3.313450	56.53	Pk	32.8	-95.2	-47.85	-53.72	-13	-40.72	V
3.315700	55.64	Pk	32.8	-95.2	-47.97	-54.73	-13	-41.73	H

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 5

LTE BAND 5 (QPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-18
Test Engineer:	45258
Configuration:	EUT Only
Mode:	LTE B5 QPSK 10MHz
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, 829MHz									
1.649350	60.55	Pk	28.9	-95.2	-49.6	-55.35	-13	-42.35	H
1.652050	58.77	Pk	28.9	-95.2	-49.7	-57.23	-13	-44.23	V
2.482975	58.38	Pk	31.9	-95.2	-49.9	-54.82	-13	-41.82	H
2.486800	57.52	Pk	31.9	-95.2	-49.9	-55.68	-13	-42.68	V
3.315700	55.64	Pk	32.8	-95.2	-47.97	-54.73	-13	-41.73	H
3.313450	56.53	Pk	32.8	-95.2	-47.85	-53.72	-13	-40.72	V
Mid Channel, 836.5MHz									
1.67455	58.35	Pk	29	-95.2	-49.66	-57.51	-13	-44.51	H
1.67635	58.71	Pk	29	-95.2	-49.7	-57.19	-13	-44.19	V
2.51155	58.02	Pk	32	-95.2	-50.11	-55.29	-13	-42.29	H
2.51245	58.95	Pk	32	-95.2	-50.16	-54.41	-13	-41.41	V
3.34675	55.72	Pk	32.7	-95.2	-47.43	-54.21	-13	-41.21	H
3.3472	55.57	Pk	32.7	-95.2	-47.42	-54.35	-13	-41.35	V
High Channel, 844MHz									
1.6795	58.96	Pk	29	-95.2	-49.7	-56.94	-13	-43.94	H
1.6858	58.41	Pk	29.1	-95.2	-49.7	-57.39	-13	-44.39	V
2.53495	59.63	Pk	32.2	-95.2	-50.1	-53.47	-13	-40.47	H
2.5327	58.37	Pk	32.2	-95.2	-50.1	-54.73	-13	-41.73	V
3.37645	54.64	Pk	32.7	-95.2	-47.3	-55.16	-13	-42.16	H
3.3769	55.05	Pk	32.7	-95.2	-47.3	-54.75	-13	-41.75	V

LTE BAND 5 (QPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-03-07
Test Engineer:	25019
Configuration:	EUT Only
Mode:	LTE B5 QPSK 10MHz
Chamber #:	04-RDE-P

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, 829MHz									
1.658040	55.30	Pk	28.8	-95.2	-49.43	-60.53	-13	-47.53	H
1.658040	56.65	Pk	28.8	-95.2	-49.43	-59.18	-13	-46.18	V
2.487000	56.08	Pk	32.2	-95.2	-49.96	-56.88	-13	-43.88	H
2.487000	58.48	Pk	32.2	-95.2	-49.96	-54.48	-13	-41.48	V
3.316400	54.03	Pk	32.7	-95.2	-47.26	-55.73	-13	-42.73	H
3.316400	54.85	Pk	32.7	-95.2	-47.26	-54.91	-13	-41.91	V
Mid Channel, 836.5MHz									
1.673880	58.03	Pk	28.8	-95.2	-49.42	-57.79	-13	-44.79	H
1.673880	59.60	Pk	28.8	-95.2	-49.42	-56.22	-13	-43.22	V
2.509880	56.82	Pk	32.2	-95.2	-49.84	-56.02	-13	-43.02	H
2.509880	57.31	Pk	32.2	-95.2	-49.84	-55.53	-13	-42.53	V
3.346320	53.93	Pk	32.7	-95.2	-47.08	-55.65	-13	-42.65	H
3.346320	53.56	Pk	32.7	-95.2	-47.08	-56.02	-13	-43.02	V
High Channel, 844MHz									
1.688840	58.47	Pk	29	-95.2	-49.41	-57.14	-13	-44.14	H
1.688840	57.62	Pk	29	-95.2	-49.41	-57.99	-13	-44.99	V
2.531880	56.80	Pk	32.2	-95.2	-49.74	-55.94	-13	-42.94	H
2.531880	56.42	Pk	32.2	-95.2	-49.74	-56.32	-13	-43.32	V
3.376240	53.41	Pk	32.7	-95.2	-47.04	-56.13	-13	-43.13	H
3.376240	54.30	Pk	32.7	-95.2	-47.04	-55.24	-13	-42.24	V

10.1.2. 5G NR n5

5G NR n5 (BPSK 20.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-17
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n5 BPSK 20MHz
Chamber #:	03-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, 834MHz									
1.6484500	58.89	Pk	28.4	-95.2	-49.09	-57.00	-13	-44.00	H
1.6484500	56.71	Pk	28.4	-95.2	-49.09	-59.18	-13	-46.18	V
2.472400	56.41	Pk	32.2	-95.2	-48.88	-55.47	-13	-42.47	H
2.472400	56.46	Pk	32.2	-95.2	-48.88	-55.42	-13	-42.42	V
3.296350	53.06	Pk	32.8	-95.2	-46.8	-56.14	-13	-43.14	H
3.296350	52.97	Pk	32.8	-95.2	-46.8	-56.23	-13	-43.23	V
Mid Channel, 836.5MHz									
1.653400	59.78	Pk	28.4	-95.2	-49.4	-56.42	-13	-43.42	H
1.653400	57.47	Pk	28.4	-95.2	-49.4	-58.73	-13	-45.73	V
2.479600	55.81	Pk	32.2	-95.2	-48.66	-55.85	-13	-42.85	H
2.479600	56.29	Pk	32.2	-95.2	-48.66	-55.37	-13	-42.37	V
3.306250	54.13	Pk	32.8	-95.2	-46.88	-55.15	-13	-42.15	H
3.306250	52.30	Pk	32.8	-95.2	-46.88	-56.98	-13	-43.98	V
High Channel, 839MHz									
1.69885	57.92	Pk	29.2	-95.2	-49.79	-57.87	-13	-44.87	H
1.70065	58.16	Pk	29.2	-95.2	-49.74	-57.58	-13	-44.58	V
2.48905	63.27	Pk	31.9	-95.2	-49.9	-49.93	-13	-36.93	H
2.55025	57.98	Pk	32.2	-95.2	-50	-55.02	-13	-42.02	V
3.3931	55.56	Pk	32.8	-95.2	-47.3	-54.14	-13	-41.14	H
3.39445	56.77	Pk	32.8	-95.2	-47.26	-52.89	-13	-39.89	V

5G NR n5 (BPSK 20.0MHZ BANDWIDTH, ANT 2)

Date:	2025-05-20
Test Engineer:	28571/32545
Configuration:	EUT Only
Mode:	5G NR n5 BPSK 20MHz
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, 834MHz									
1.697200	58.10	Pk	29.2	-95.2	-49.5	-57.40	-13	-44.40	H
1.699400	57.97	Pk	29.2	-95.2	-49.5	-57.53	-13	-44.53	V
2.499760	59.06	Pk	32	-95.2	-50.02	-54.16	-13	-41.16	H
2.505920	58.91	Pk	32	-95.2	-49.91	-54.20	-13	-41.20	V
3.323880	55.64	Pk	32.8	-95.2	-47.3	-54.06	-13	-41.06	H
3.312000	56.00	Pk	32.8	-95.2	-47.3	-53.70	-13	-40.70	V
Mid Channel, 836.5MHz									
1.679160	57.96	Pk	29	-95.2	-49.5	-57.74	-13	-44.74	H
1.668160	58.22	Pk	29	-95.2	-49.48	-57.46	-13	-44.46	V
2.511200	59.84	Pk	32	-95.2	-49.9	-53.26	-13	-40.26	H
2.512960	59.08	Pk	32	-95.2	-49.9	-54.02	-13	-41.02	V
3.341920	55.89	Pk	32.7	-95.2	-47.19	-53.80	-13	-40.80	H
3.339720	55.26	Pk	32.7	-95.2	-47.23	-54.47	-13	-41.47	V
High Channel, 839MHz									
1.680920	58.51	Pk	29.1	-95.2	-49.5	-57.09	-13	-44.09	H
1.672560	57.73	Pk	29	-95.2	-49.4	-57.87	-13	-44.87	V
2.516040	60.14	Pk	32	-95.2	-49.9	-52.96	-13	-39.96	H
2.511200	59.17	Pk	32	-95.2	-49.9	-53.93	-13	-40.93	V
3.350280	55.81	Pk	32.7	-95.2	-47.2	-53.89	-13	-40.89	H
3.341040	56.08	Pk	32.7	-95.2	-47.1	-53.52	-13	-40.52	V

10.1.3. ULCA LTE BAND 5

ULCA LTE BAND 5 (QPSK 10.0MHZ + 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-17
Test Engineer:	45258
Configuration:	EUT Only
Mode	ULCA B5 QPSK 10MHz + 10MHz
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, 829MHz & 838.9MHz									
1.669600	59.01	Pk	29	-95.2	-49.64	-56.83	-13	-43.83	H
1.669150	58.73	Pk	29	-95.2	-49.69	-57.16	-13	-44.16	V
2.473300	62.71	Pk	31.8	-95.2	-49.9	-50.59	-13	-37.59	H
2.473300	60.34	Pk	31.8	-95.2	-49.9	-52.96	-13	-39.96	V
3.331900	56.36	Pk	32.7	-95.2	-47.79	-53.93	-13	-40.93	H
3.335500	55.63	Pk	32.7	-95.2	-47.6	-54.47	-13	-41.47	V
Mid Channel, 831.6MHz & 841.5MHz									
1.671850	58.48	Pk	29	-95.2	-49.6	-57.32	-13	-44.32	H
1.670500	59.96	Pk	29	-95.2	-49.6	-55.84	-13	-42.84	V
2.481400	63.37	Pk	31.9	-95.2	-49.94	-49.87	-13	-36.87	H
2.507950	57.97	Pk	32	-95.2	-50	-55.23	-13	-42.23	V
3.346750	55.71	Pk	32.7	-95.2	-47.43	-54.22	-13	-41.22	H
3.347200	55.76	Pk	32.7	-95.2	-47.42	-54.16	-13	-41.16	V
High Channel, 834.1MHz & 844MHz									
1.675900	58.92	Pk	29	-95.2	-49.7	-56.98	-13	-43.98	H
1.678150	59.13	Pk	29	-95.2	-49.79	-56.86	-13	-43.86	V
2.516500	58.82	Pk	32.1	-95.2	-50.1	-54.38	-13	-41.38	H
2.517850	57.85	Pk	32.1	-95.2	-50.1	-55.35	-13	-42.35	V
3.359800	56.54	Pk	32.7	-95.2	-47.4	-53.36	-13	-40.36	H
3.361150	56.56	Pk	32.7	-95.2	-47.42	-53.36	-13	-40.36	V

ULCA LTE BAND 5 (QPSK 10.0MHZ + 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-03-13
Test Engineer:	31300
Configuration:	EUT Only
Mode	ULCA B5 QPSK 10MHz + 10MHz
Chamber #:	04-RDE-P

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, 829MHz & 838.9MHz									
1.666400	56.90	Pk	28.8	-95.2	-49.42	-58.92	-13	-45.92	H
1.666400	56.40	Pk	28.8	-95.2	-49.42	-59.42	-13	-46.42	V
2.499320	57.33	Pk	32.2	-95.2	-49.88	-55.55	-13	-42.55	H
2.499320	57.14	Pk	32.2	-95.2	-49.88	-55.74	-13	-42.74	V
3.332240	54.36	Pk	32.7	-95.2	-47.16	-55.30	-13	-42.30	H
3.332240	55.48	Pk	32.7	-95.2	-47.16	-54.18	-13	-41.18	V
Mid Channel, 831.6MHz & 841.5MHz									
1.668160	58.02	Pk	28.8	-95.2	-49.42	-57.80	-13	-44.80	H
1.668160	57.61	Pk	28.8	-95.2	-49.42	-58.21	-13	-45.21	V
2.502840	59.24	Pk	32.2	-95.2	-49.87	-53.63	-13	-40.63	H
2.502840	57.62	Pk	32.2	-95.2	-49.87	-55.25	-13	-42.25	V
3.336640	54.28	Pk	32.7	-95.2	-47.17	-55.39	-13	-42.39	H
3.336640	54.40	Pk	32.7	-95.2	-47.17	-55.27	-13	-42.27	V
High Channel, 834.1MHz & 844MHz									
1.676080	57.88	Pk	28.9	-95.2	-49.43	-57.85	-13	-44.85	H
1.676080	58.93	Pk	28.9	-95.2	-49.43	-56.80	-13	-43.80	V
2.513400	56.08	Pk	32.2	-95.2	-49.83	-56.75	-13	-43.75	H
2.513400	57.49	Pk	32.2	-95.2	-49.83	-55.34	-13	-42.34	V
3.352040	55.05	Pk	32.7	-95.2	-47.07	-54.52	-13	-41.52	H
3.352040	55.82	Pk	32.7	-95.2	-47.07	-53.75	-13	-40.75	V

10.1.4. LTE BAND 26 (FCC PART 90S)

LTE BAND 26 (QPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-03-06
Test Engineer:	25019
Configuration:	EUT Only
Mode:	LTE B26 90S QPSK 10MHz
Chamber #:	04-RDE-P

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, 819MHz									
1.637360	55.98	Pk	28.7	-95.2	-49.37	-59.89	-13	-46.89	H
1.637360	58.01	Pk	28.7	-95.2	-49.37	-57.86	-13	-44.86	V
2.457960	56.65	Pk	32.2	-95.2	-50.24	-56.59	-13	-43.59	H
2.457960	57.91	Pk	32.2	-95.2	-50.24	-55.33	-13	-42.33	V
3.276800	54.10	Pk	32.7	-95.2	-47.38	-55.78	-13	-42.78	H
3.276800	54.83	Pk	32.7	-95.2	-47.38	-55.05	-13	-42.05	V

LTE BAND 26 (QPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-03-10
Test Engineer:	32703
Configuration:	EUT Only
Mode:	LTE B26 90S QPSK 10MHz
Chamber #:	04-RDE-P

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, 819MHz									
1.628120	56.35	Pk	28.6	-95.2	-49.34	-59.59	-13	-46.59	H
1.628120	56.69	Pk	28.6	-95.2	-49.34	-59.25	-13	-46.25	V
2.442560	56.51	Pk	32.2	-95.2	-50.29	-56.78	-13	-43.78	H
2.442560	58.05	Pk	32.2	-95.2	-50.29	-55.24	-13	-42.24	V
3.256560	54.06	Pk	32.7	-95.2	-47.35	-55.79	-13	-42.79	H
3.256560	55.57	Pk	32.7	-95.2	-47.35	-54.28	-13	-41.28	V

10.1.5. 5G NR n26 (FCC PART 90S)

5G NR n26 (BPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-18
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n26 90S BPSK 10MHz
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, 819MHz									
3.349000	56.61	Pk	32.7	-95.2	-47.5	-53.39	-13	-40.39	H
3.348550	56.30	Pk	32.7	-95.2	-47.5	-53.70	-13	-40.70	V
1.629100	65.37	Pk	28.8	-95.2	-49.61	-50.64	-13	-37.64	H
1.629100	60.31	Pk	28.8	-95.2	-49.61	-55.70	-13	-42.70	V
2.443600	65.33	Pk	31.7	-95.2	-49.8	-47.97	-13	-34.97	H
2.443600	60.52	Pk	31.7	-95.2	-49.8	-52.78	-13	-39.78	V

5G NR n26 (BPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-06-18
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n26 90S BPSK 10MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 819MHz									
1.673200	58.75	Pk	29	-95.2	-49.60	-57.05	-13	-44.05	H
1.672750	58.61	Pk	29	-95.2	-49.60	-57.19	-13	-44.19	V
2.507950	58.13	Pk	32	-95.2	-50.00	-55.07	-13	-42.07	H
2.508400	57.71	Pk	32	-95.2	-50.04	-55.53	-13	-42.53	V
3.342250	56.65	Pk	32.7	-95.2	-47.50	-53.35	-13	-40.35	H
3.344500	55.75	Pk	32.7	-95.2	-47.55	-54.3	-13	-41.30	V

10.1.6. LTE BAND 26 (FCC PART 22)

LTE BAND 26 (QPSK 10.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-17
Test Engineer:	45258
Configuration:	EUT Only
Mode:	LTE B26 22H 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, 829MHz									
1.649350	62.57	Pk	28.9	-95.2	-49.60	-53.33	-13	-40.33	H
1.671400	58.16	Pk	29.0	-95.2	-49.60	-57.64	-13	-44.64	V
2.499400	58.35	Pk	32.0	-95.2	-50.00	-54.85	-13	-41.85	H
2.497150	59.27	Pk	32.0	-95.2	-49.90	-53.83	-13	-40.83	V
3.326050	55.70	Pk	32.8	-95.2	-47.80	-54.50	-13	-41.50	H
3.326500	55.93	Pk	32.8	-95.2	-47.80	-54.27	-13	-41.27	V
Mid Channel, 836.5MHz									
1.673200	58.82	Pk	29.0	-95.2	-49.60	-56.98	-13	-43.98	H
1.670950	59.28	Pk	29.0	-95.2	-49.60	-56.52	-13	-43.52	V
2.516500	57.68	Pk	32.1	-95.2	-50.10	-55.52	-13	-42.52	H
2.509300	57.46	Pk	32.0	-95.2	-50.07	-55.81	-13	-42.81	V
3.346750	56.87	Pk	32.7	-95.2	-47.43	-53.06	-13	-40.06	H
3.348100	56.13	Pk	32.7	-95.2	-47.50	-53.87	-13	-40.87	V
High Channel, 844MHz									
1.683550	58.30	Pk	29.1	-95.2	-49.70	-57.50	-13	-44.50	H
1.684000	58.04	Pk	29.1	-95.2	-49.7	-57.76	-13	-44.76	V
2.225350	58.84	Pk	31.5	-95.2	-49.90	-54.76	-13	-41.76	H
2.227150	58.78	Pk	31.5	-95.2	-49.99	-54.91	-13	-41.91	V
3.367000	55.83	Pk	32.7	-95.2	-47.4	-54.07	-13	-41.07	H
3.368800	55.89	Pk	32.7	-95.2	-47.32	-53.93	-13	-40.93	V

LTE BAND 26 (QPSK 10.0MHZ BANDWIDTH, ANT 2)

Date:	2025-03-10
Test Engineer:	32703
Configuration:	EUT Only
Mode:	LTE B26 22H 10MHz QPSK
Chamber #:	04-RDE-P

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, 829MHzMHz									
1.648800	57.62	Pk	28.7	-95.2	-49.38	-58.26	-13	-45.26	H
1.648800	56.05	Pk	28.7	-95.2	-49.38	-59.83	-13	-46.83	V
2.472920	57.26	Pk	32.2	-95.2	-50.11	-55.85	-13	-42.85	H
2.472920	55.70	Pk	32.2	-95.2	-50.11	-57.41	-13	-44.41	V
3.296160	53.66	Pk	32.7	-95.2	-47.35	-56.19	-13	-43.19	H
3.296160	54.00	Pk	32.7	-95.2	-47.35	-55.85	-13	-42.85	V
Mid Channel, 836.5MHz									
1.658480	56.21	Pk	28.8	-95.2	-49.43	-59.62	-13	-46.62	H
1.658480	55.65	Pk	28.8	-95.2	-49.43	-60.18	-13	-47.18	V
2.487000	57.94	Pk	32.2	-95.2	-49.96	-55.02	-13	-42.02	H
2.487000	56.91	Pk	32.2	-95.2	-49.96	-56.05	-13	-43.05	V
3.316840	53.46	Pk	32.7	-95.2	-47.25	-56.29	-13	-43.29	H
3.316840	54.77	Pk	32.7	-95.2	-47.25	-54.98	-13	-41.98	V
High Channel, 844MHz									
1.668600	57.31	Pk	28.8	-95.2	-49.41	-58.50	-13	-45.50	H
1.668600	56.79	Pk	28.8	-95.2	-49.41	-59.02	-13	-46.02	V
2.502840	56.75	Pk	32.2	-95.2	-49.87	-56.12	-13	-43.12	H
2.502840	58.30	Pk	32.2	-95.2	-49.87	-54.57	-13	-41.57	V
3.336200	54.35	Pk	32.7	-95.2	-47.17	-55.32	-13	-42.32	H
3.336200	55.93	Pk	32.7	-95.2	-47.17	-53.74	-13	-40.74	V

10.1.7. 5G NR n26 (FCC PART 22)

5G NR n26 (BPSK 20.0MHZ BANDWIDTH, ANT 3)

Date:	2025-06-18
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n26 22H BPSK 20MHz
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, 834MHz									
1.668700	59.29	Pk	29	-95.2	-49.7	-56.61	-13	-43.61	H
1.667350	59.10	Pk	29	-95.2	-49.7	-56.80	-13	-43.80	V
2.473750	66.57	Pk	31.8	-95.2	-49.9	-46.73	-13	-33.73	H
2.474200	66.19	Pk	31.8	-95.2	-49.9	-47.11	-13	-34.11	V
3.337300	55.97	Pk	32.7	-95.2	-47.67	-54.20	-13	-41.20	H
3.335500	55.63	Pk	32.7	-95.2	-47.6	-54.47	-13	-41.47	V
Mid Channel, 836.5MHz									
1.672300	58.77	Pk	29	-95.2	-49.6	-57.03	-13	-44.03	H
1.673650	58.31	Pk	29	-95.2	-49.6	-57.49	-13	-44.49	V
2.481400	66.42	Pk	31.9	-95.2	-49.94	-46.82	-13	-33.82	H
2.481400	64.37	Pk	31.9	-95.2	-49.94	-48.87	-13	-35.87	V
3.343600	57.01	Pk	32.7	-95.2	-47.5	-52.99	-13	-39.99	H
3.346300	55.27	Pk	32.7	-95.2	-47.47	-54.70	-13	-41.70	V
High Channel, 839MHz									
1.679050	58.76	Pk	29	-95.2	-49.7	-57.14	-13	-44.14	H
1.679500	58.68	Pk	29	-95.2	-49.7	-57.22	-13	-44.22	V
2.489050	67.43	Pk	31.9	-95.2	-49.9	-45.77	-13	-32.77	H
2.489050	64.23	Pk	31.9	-95.2	-49.9	-48.97	-13	-35.97	V
3.354400	55.25	Pk	32.7	-95.2	-47.34	-54.59	-13	-41.59	H
3.355750	56.04	Pk	32.7	-95.2	-47.48	-53.94	-13	-40.94	V

5G NR n26 (BPSK 20.0MHZ BANDWIDTH, ANT 2)

Date:	2025-05-20
Test Engineer:	28571/111616/32545/45258
Configuration:	EUT Only
Mode:	5G NR n26 22H BPSK 20MHz
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, 834MHz									
1.664640	59.53	Pk	29	-95.2	-49.5	-56.17	-13	-43.17	H
1.664200	58.56	Pk	29	-95.2	-49.5	-57.14	-13	-44.14	V
2.497560	58.76	Pk	32	-95.2	-50.1	-54.54	-13	-41.54	H
2.499320	58.63	Pk	32	-95.2	-50.07	-54.64	-13	-41.64	V
3.330920	55.75	Pk	32.7	-95.2	-47.39	-54.14	-13	-41.14	H
3.331360	55.34	Pk	32.7	-95.2	-47.4	-54.56	-13	-41.56	V
Mid Channel, 836.5MHz									
1.667280	58.36	Pk	29	-95.2	-49.43	-57.27	-13	-44.27	H
1.661560	59.38	Pk	29	-95.2	-49.4	-56.22	-13	-43.22	V
2.507680	58.89	Pk	32	-95.2	-49.9	-54.21	-13	-41.21	H
2.512080	58.91	Pk	32	-95.2	-49.9	-54.19	-13	-41.19	V
3.350720	55.46	Pk	32.7	-95.2	-47.2	-54.24	-13	-41.24	H
3.348080	56.30	Pk	32.7	-95.2	-47.2	-53.40	-13	-40.40	V
High Channel, 839MHz									
1.672300	58.28	Pk	29	-95.2	-49.6	-57.52	-13	-44.52	H
1.674550	59.54	Pk	29	-95.2	-49.66	-56.32	-13	-43.32	V
2.510650	58.50	Pk	32	-95.2	-50.0	-54.70	-13	-41.70	H
2.507050	57.70	Pk	32	-95.2	-50.0	-55.50	-13	-42.50	V
3.345850	56.87	Pk	32.7	-95.2	-47.52	-53.15	-13	-40.15	H
3.348100	55.37	Pk	32.7	-95.2	-47.5	-54.63	-13	-41.63	V

11. SETUP PHOTOS

Refer to 15496224-EP1V1 for setup photos.

END OF REPORT