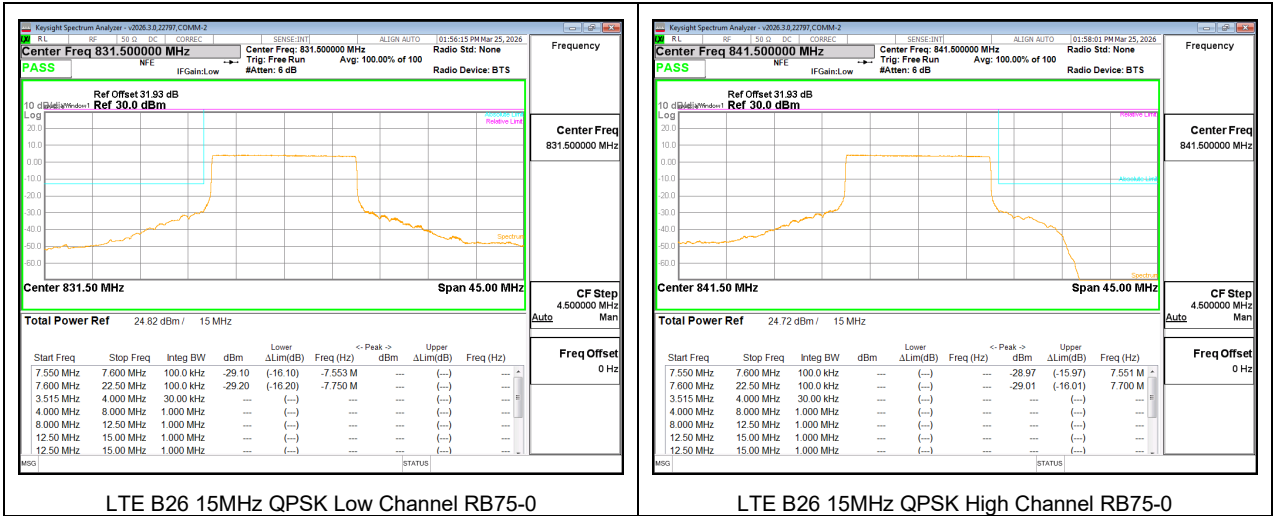
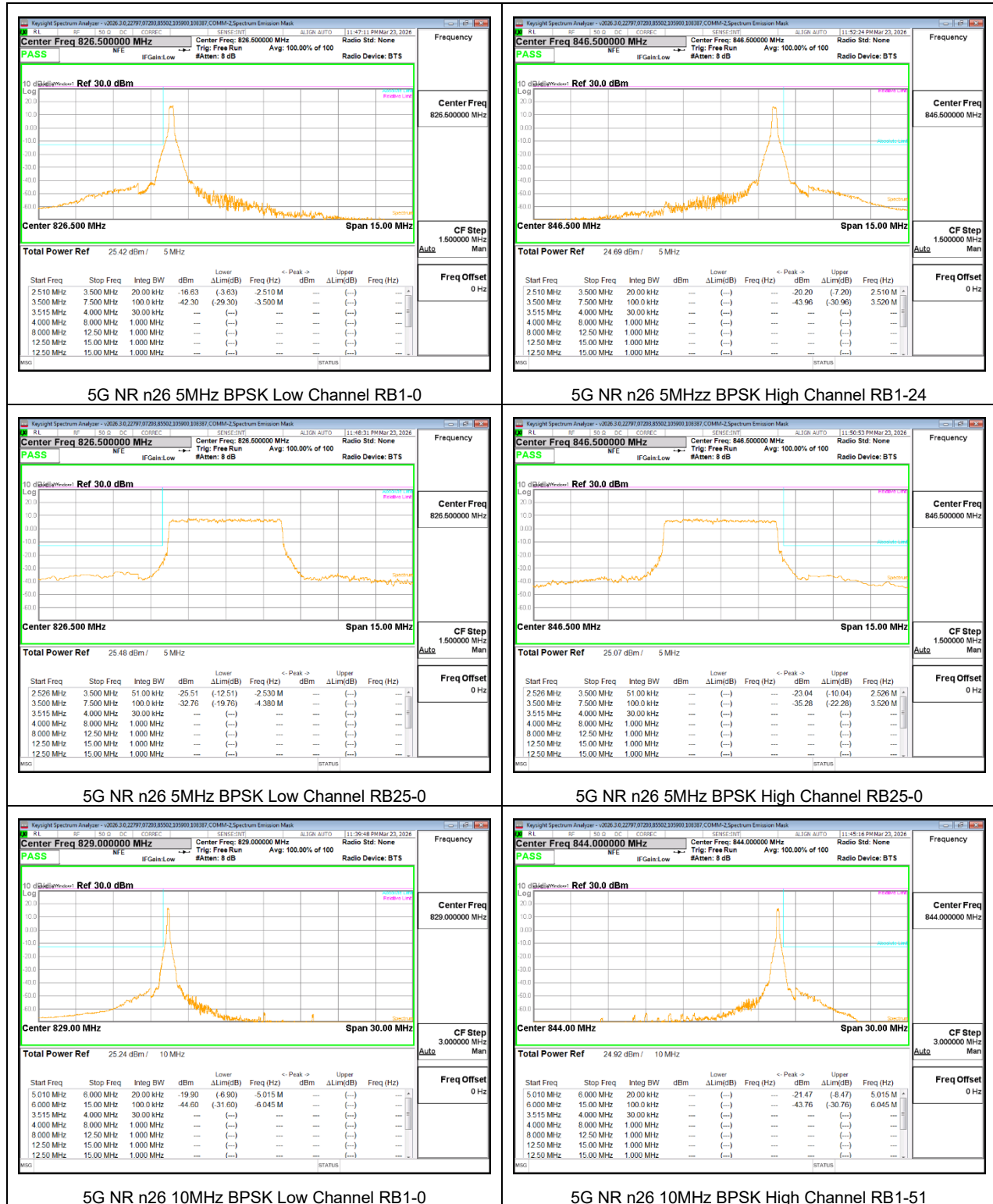


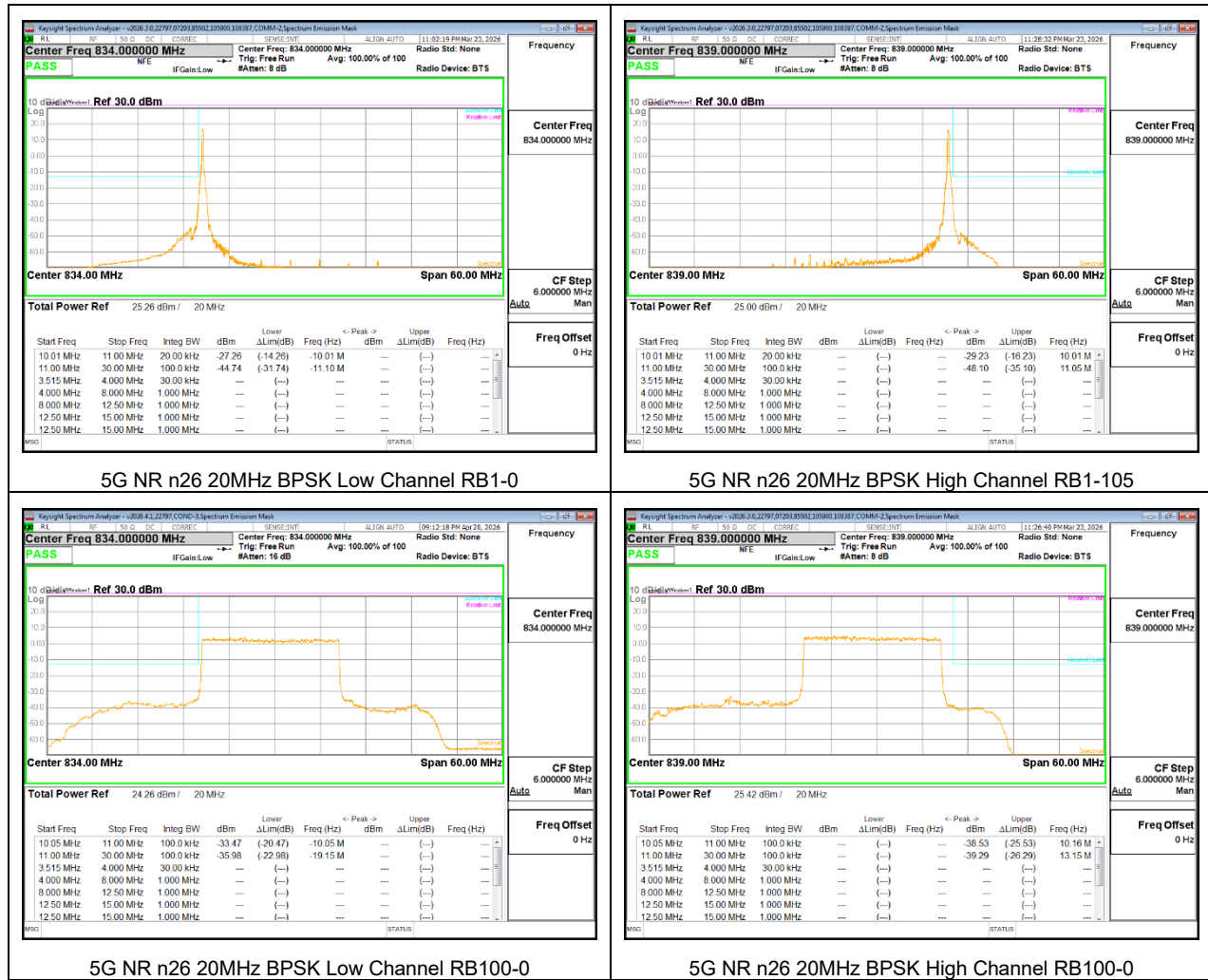




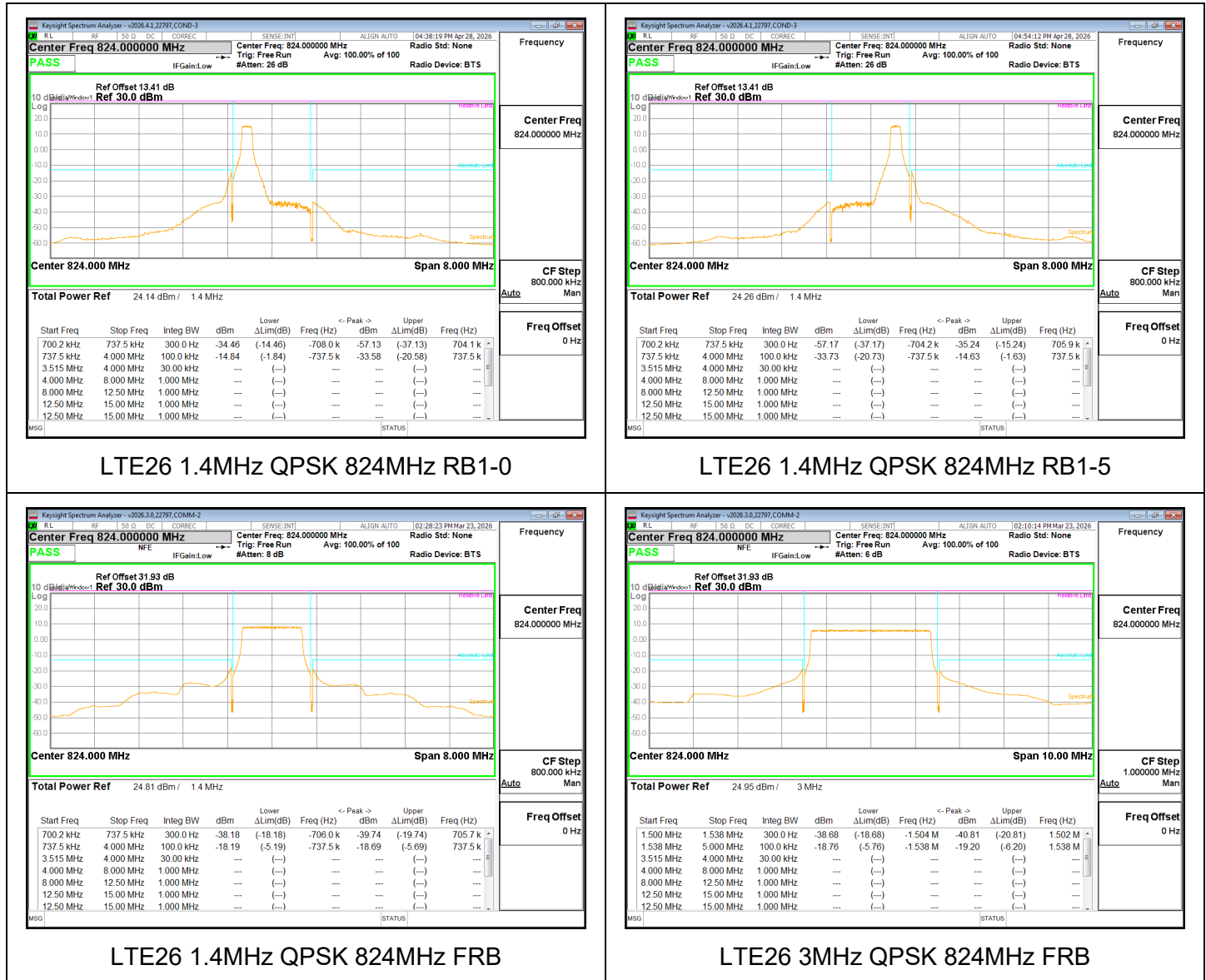
8.2.4. 5G NR 5MHz (FCC PART 22)







8.2.5. LTE BAND 5&26 (Straddle)

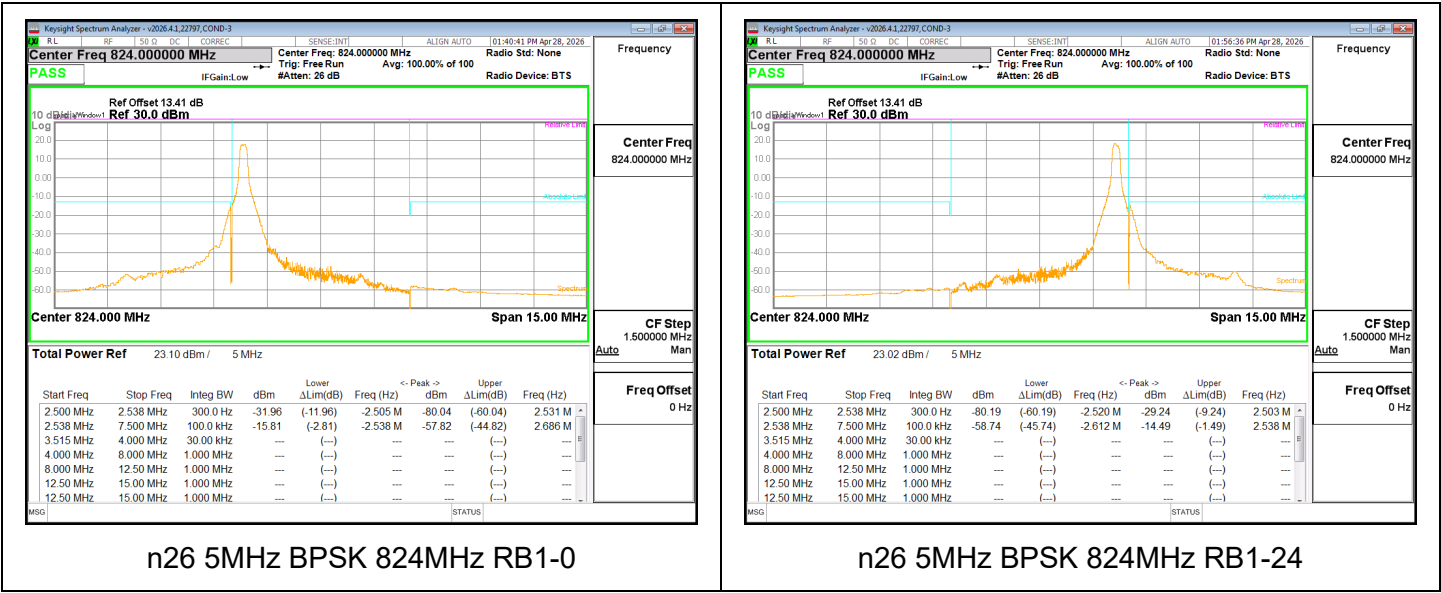




Note: Worst-Case FRB mode was tested for 1RB mode(s)

8.2.6. 5G NR n5&n26 (Straddle)





Note: Worst-Case FRB mode was tested for 1RB mode(s)

8.3. 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

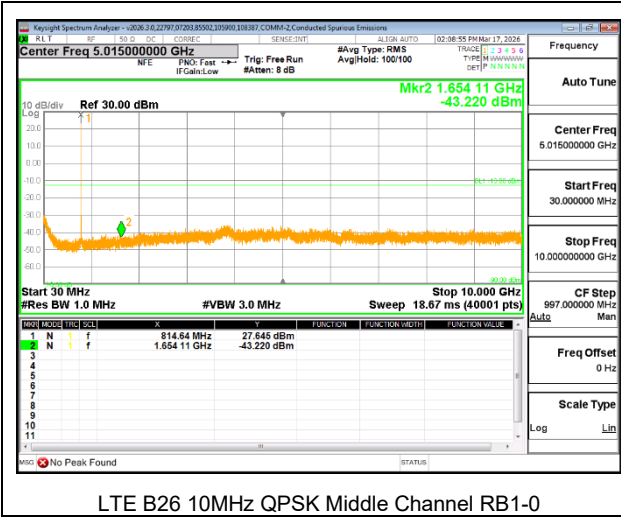
The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case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

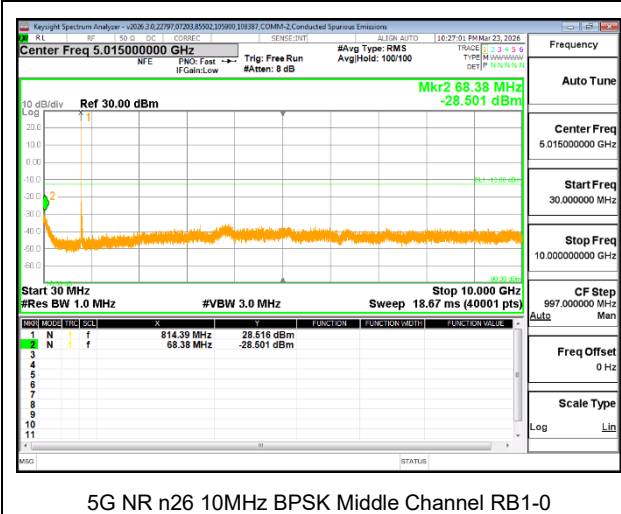
RESULTS

8.3.1. LTE BAND 26 (FCC PART 90S)



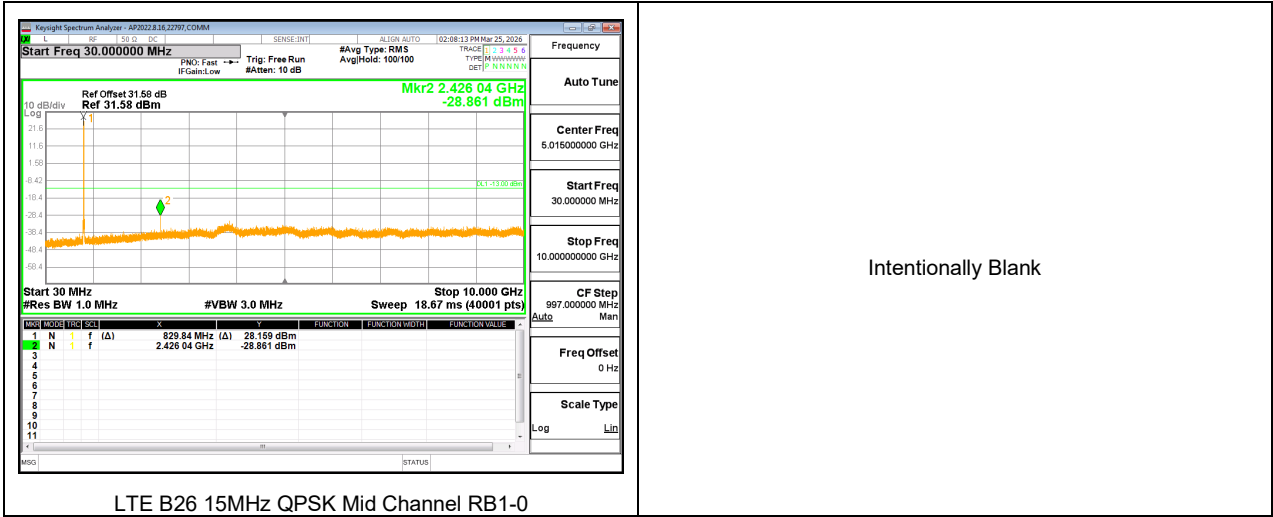
Intentionally Blank

8.3.2. 5G NR n26 (FCC PART 90S)

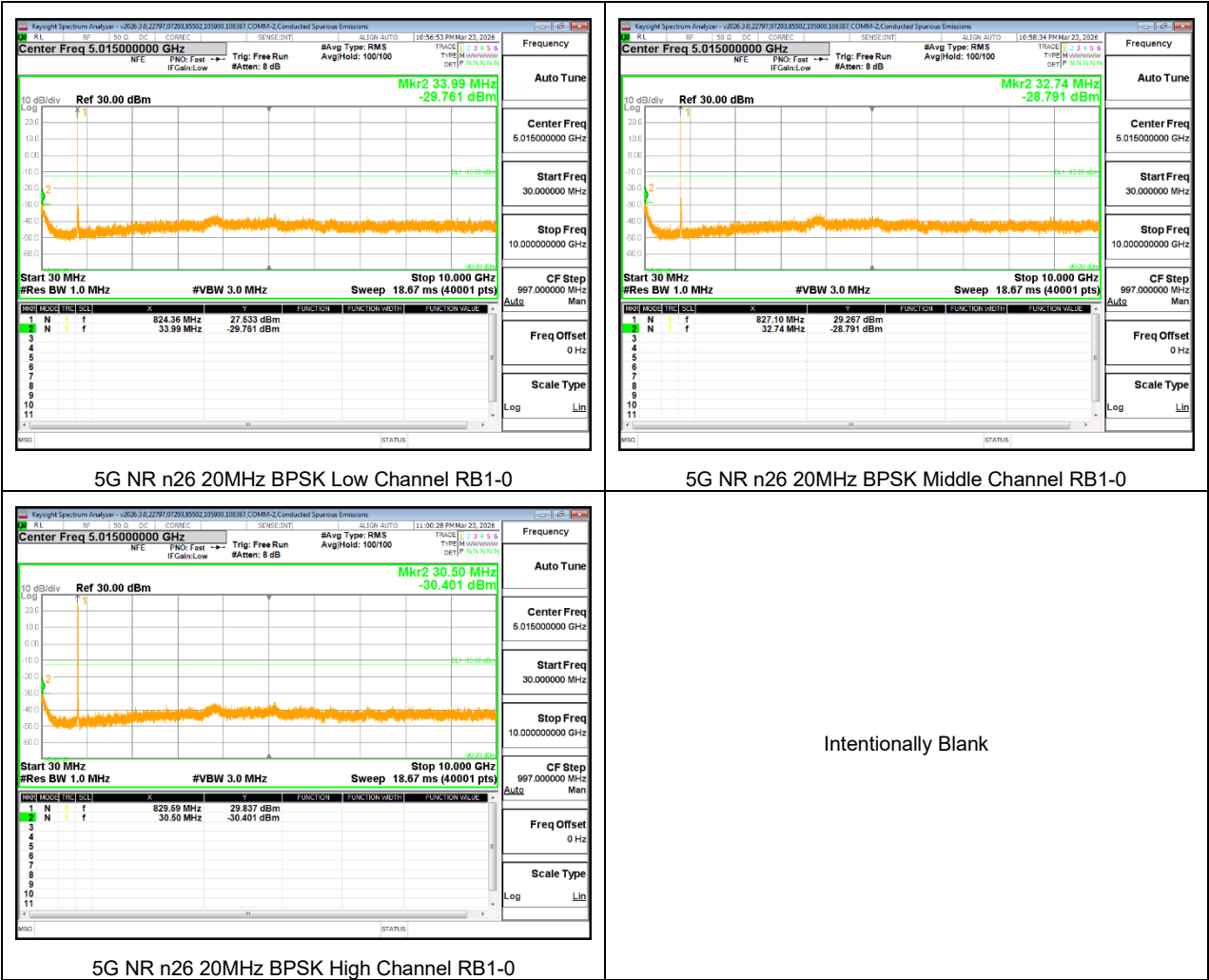


Intentionally Blank

8.3.3. LTE BAND 5&26 (FCC PART 22)



8.3.4. 5G NR n5&n26 (FCC PART 22)



8.4. FREQUENCY 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 CMW 500 with Frequency Error measurement capability.

- Temp. = -30°C to $+50^{\circ}\text{C}$
- Voltage = (85% - 100%)

Low voltage, 3.7VDC, Normal, 3.89VDC and High voltage, 4.45VDC.

End Voltage, 3.7VDC.

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.

Test Engineer ID:	105900/84740	Test Date:	2026-03-08 – 2026-04-08
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8.4.1. LTE BAND 5&26 (QPSK 10MHz BANDWIDTH, FCC PART 22)

Band	26	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		814	849		2.5	
Temperature	Voltage	Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Normal (20°C)	Normal	816.4563	855.0750			
Extreme (50°C)		816.4563	855.0750	3.19	0.004	Yes
Extreme (40°C)		816.4563	855.0750	4.4	0.005	Yes
Extreme (30°C)		816.4563	855.0750	2.48	0.003	Yes
Extreme (10°C)		816.4563	855.0750	3.1	0.004	Yes
Extreme (0°C)		816.4563	855.0750	2.5	0.003	Yes
Extreme (-10°C)		816.4563	855.0750	3.66	0.004	Yes
Extreme (-20°C)		816.4563	855.0750	3.8	0.005	Yes
Extreme (-30°C)		816.4563	855.0750	5.42	0.007	Yes
20°C	End Point Voltage	816.4563	855.0750	2.37	0.003	Yes

8.4.2. 5G NR n5&n26 (BPSK 20MHz BANDWIDTH, FCC PART 22)

Band	26	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		814	849		2.5	
Temperature	Voltage	Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Normal (20°C)	Normal	812.0250	850.2188			
Extreme (50°C)		812.0250	850.2188	0.0085	0.000	Yes
Extreme (40°C)		812.0250	850.2188	0.0045	0.000	Yes
Extreme (30°C)		812.0250	850.2188	0.00644	0.000	Yes
Extreme (10°C)		812.0250	850.2188	0.0097	0.000	Yes
Extreme (0°C)		812.0250	850.2188	0.0048	0.000	Yes
Extreme (-10°C)		812.0250	850.2188	0.0088	0.000	Yes
Extreme (-20°C)		812.0250	850.2188	0.0052	0.000	Yes
Extreme (-30°C)		812.0250	850.2188	0.007	0.000	Yes
20°C	End Point Voltage	812.0250	850.2188	0.005	0.000	Yes

8.5. 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.

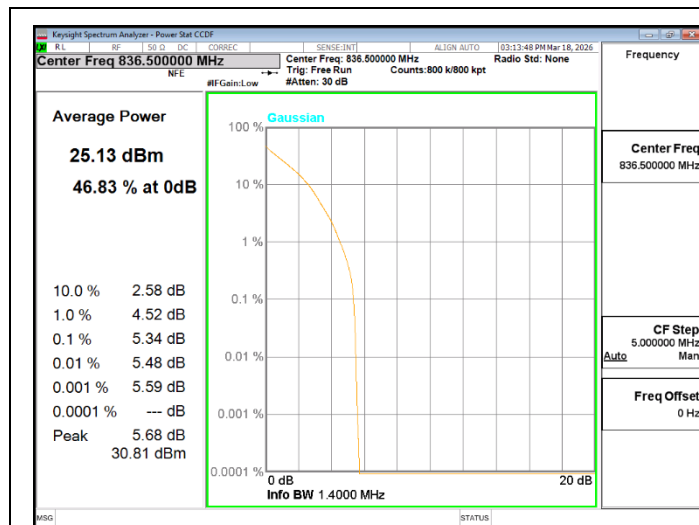
Test Procedure

The EUT was connected to a Wideband Power Sensor to measure Peak and Average Output power.

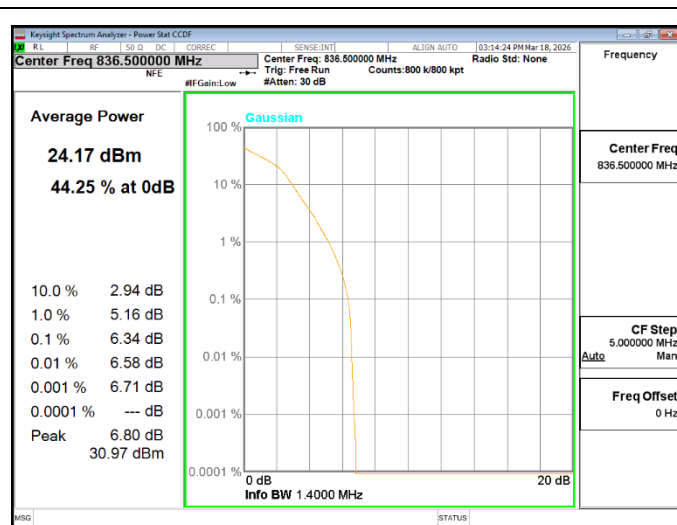
RESULT

Config 0 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.

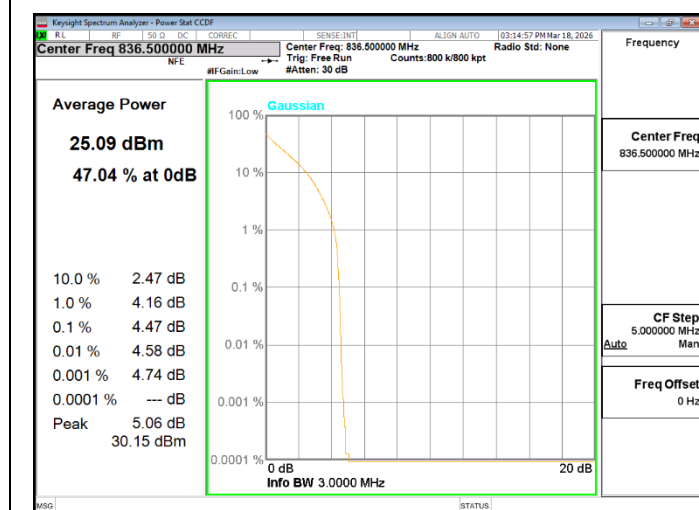
8.5.1. LTE BAND 26 (FCC PART 90S)



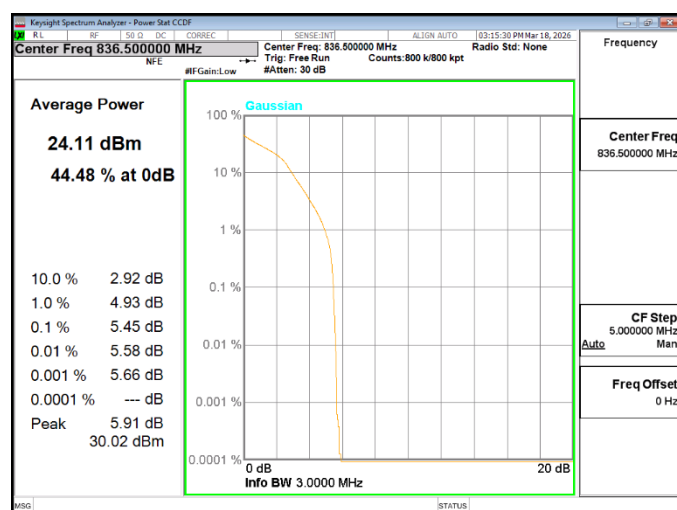
LTE Band 26 QPSK 1.4MHz FRB



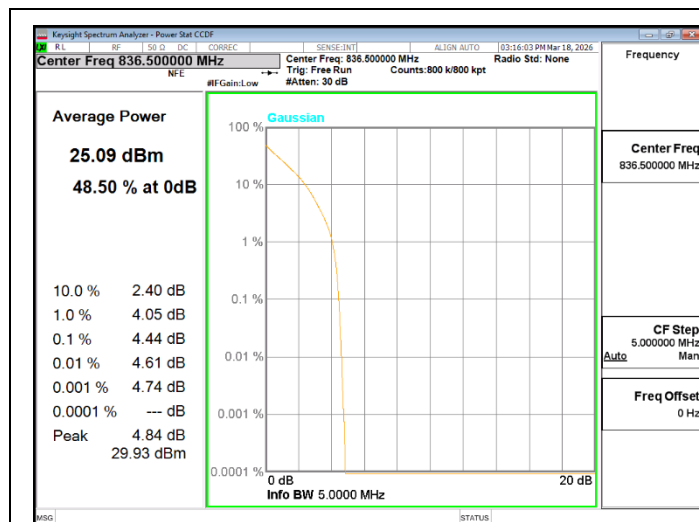
LTE Band 26 16QAM 1.4MHz FRB



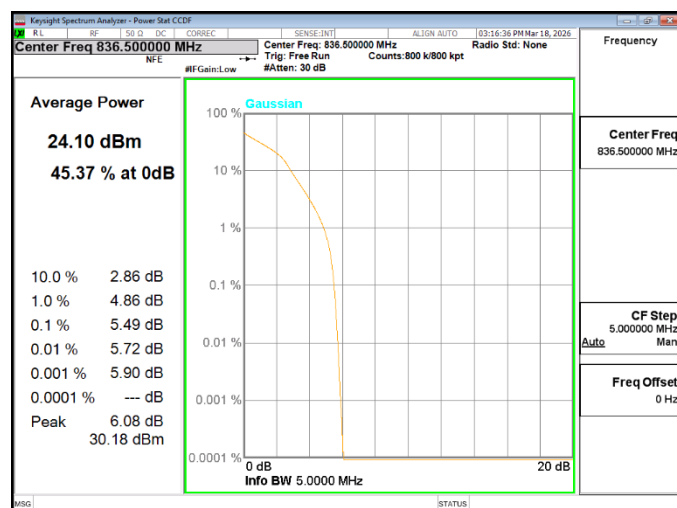
LTE Band 26 QPSK 3MHz FRB



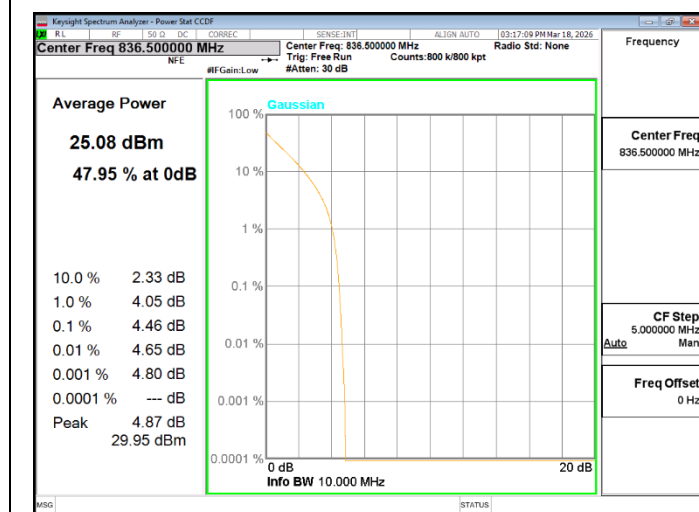
LTE Band 26 16QAM 3MHz FRB



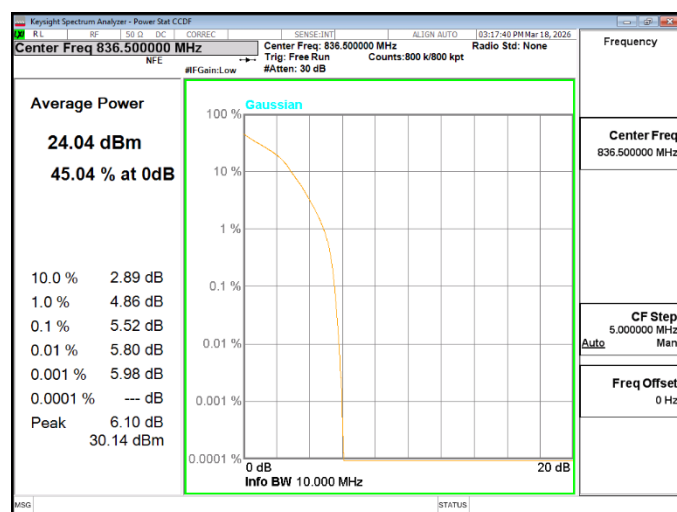
LTE Band 26 QPSK 5MHz FRB



LTE Band 26 16QAM 5MHz FRB

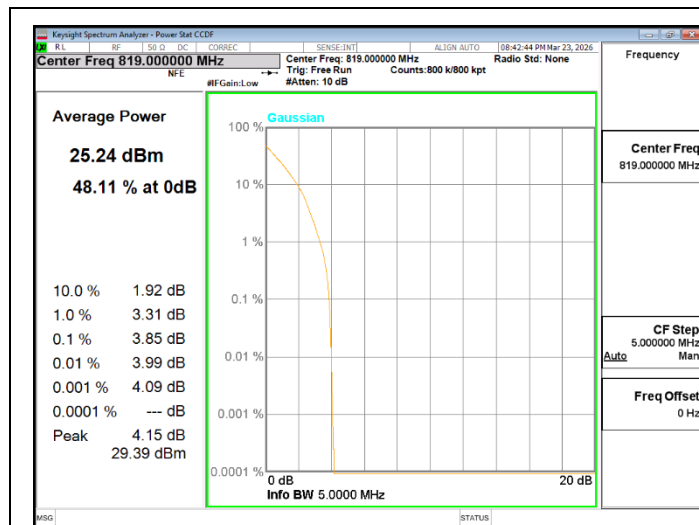


LTE Band 26 QPSK 10MHz FRB

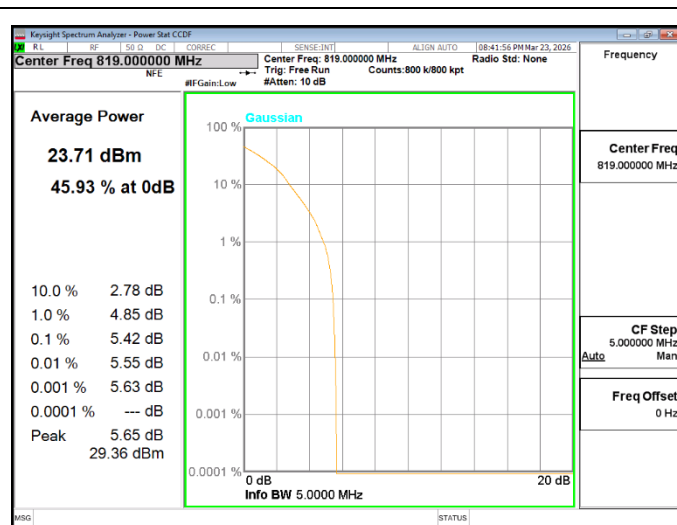


LTE Band 26 16QAM 10MHz FRB

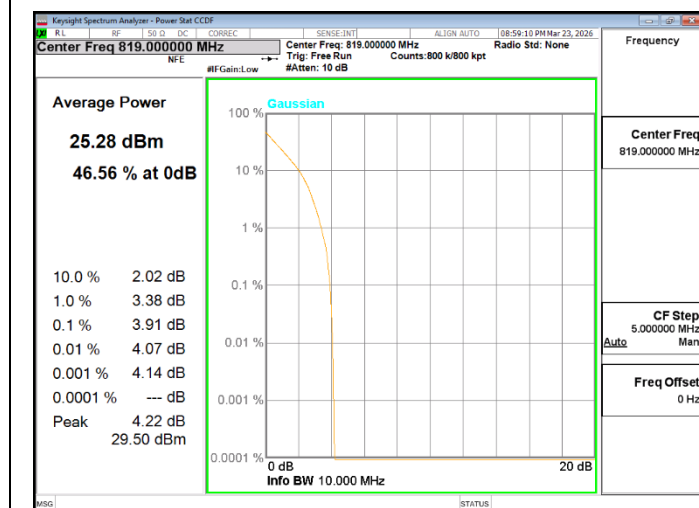
8.5.2. 5G NR n26 (FCC PART 90S)



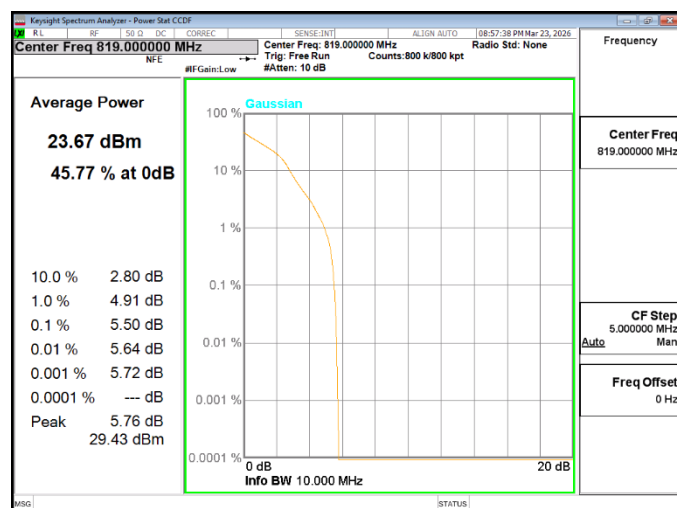
FR1 Band 26 QPSK 5MHz FRB



FR1 Band 26 16QAM 5MHz FRB



FR1 Band 26 QPSK 10MHz FRB



FR1 Band 26 16QAM 10MHz FRB

8.5.3. LTE BAND 5&26 (FCC PART 22)

Test Engineer ID:	105900/84740	Test Date:	2026-03-26 – 2026-03-27
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power
						Peak	Average	
LTE Band 26 (FCC Part 22)	1.4MHz	836.5	6	0	QPSK	28.56	23.96	4.60
					16QAM	28.85	22.99	5.86
	3MHz		15	0	QPSK	27.82	24.04	3.78
					16QAM	27.88	23.04	4.84
	5MHz		25	0	QPSK	27.94	24.00	3.94
					16QAM	28.09	23.04	5.05
	10MHz		50	0	QPSK	27.98	24.04	3.94
					16QAM	28.3	23.02	5.28
	15MHz		75	0	QPSK	27.44	24.01	3.43
					16QAM	27.46	23.16	4.30
Duty Cycle Correction Factor (dB)								
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

8.5.4. 5G NR n5&n26 (FCC PART 22)

Test Engineer ID:	105900/84740	Test Date:	2026-03-26 – 2026-03-27
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB Offset	Modulation	Conducted Power (dBm)		Peak-to-Average Power
						Peak	Average	
5G NR n26 (FCC Part 22)	5MHz	836.5	25	0	BPSK	27.9	23.57	4.33
					16QAM	27.65	21.92	5.73
	10MHz		50	0	BPSK	27.64	23.52	4.12
					16QAM	27.57	21.96	5.61
	15MHz		75	0	BPSK	27.65	23.52	4.13
					16QAM	27.53	21.91	5.62
	20MHz		100	0	BPSK	27.67	23.42	4.25
					16QAM	27.67	21.9	5.77
Duty Cycle Correction Factor (dB)								
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9. RADIATED TEST RESULTS

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.

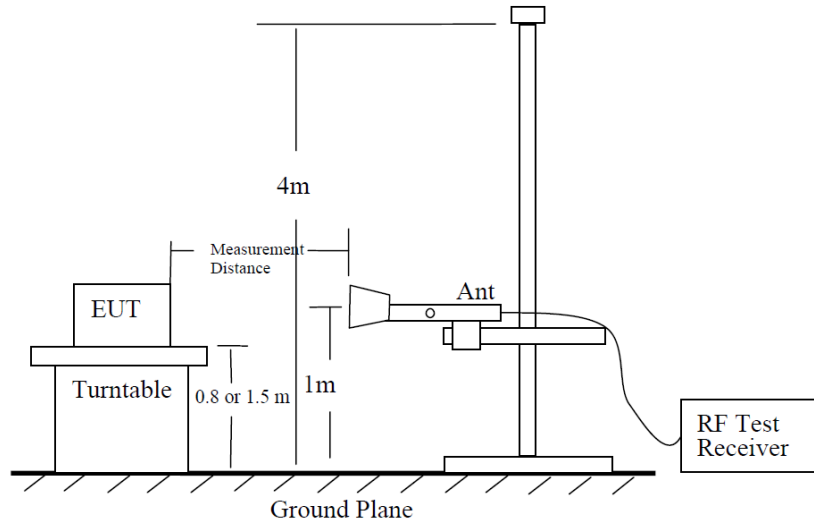


Figure 6—Test site-up for radiated ERP and/or EIRP measurements

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.

9.1. EFFECTIVE RADIATED POWER ERP/EIRP

RULE PART(S)

FCC: §2.1046, §90.635 (b), §22.913

LIMITS

22.913 (a)(5) - The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

§90.635 (b) - The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw). Power is given in terms of effective radiated power (ERP).

In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13dB.

TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.2

For average power measurements:

- a) Set span to at least 1.5 times the OBW;
- b) Set RBW = 1-5% of the OBW, not to exceed 1 MHz;
- c) Set VBW $\geq 3 \times$ RBW;
- d) Set number of points in sweep $\geq 2 \times$ span / RBW;
- e) Sweep time = auto-couple;
- f) Detector = RMS (power averaging);
- g) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
- h) Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function.

TEST RESULTS

9.1.1. LTE BAND 26 (FCC PART 90S)

High Frequency Substitution Measurement UL Morrisville Chamber 4

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-14
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
814.7	LTE26(90s) / 1.4 MHz (ANT A+C)	RB1-0	QPSK	0.088	19.44	38.45	-19.01
819.0		RB1-3	QPSK	0.088	19.44	38.45	-19.01
823.3		RB1-5	QPSK	0.085	19.31	38.45	-19.14
814.7		RB1-0	16QAM	0.067	18.23	38.45	-20.22
819.0		RB1-3	16QAM	0.066	18.20	38.45	-20.25
823.3		RB1-5	16QAM	0.068	18.30	38.45	-20.15
815.5	LTE26(90s) / 3 MHz (ANT A+C)	RB1-0	QPSK	0.090	19.52	38.45	-18.93
819.0		RB1-8	QPSK	0.090	19.52	38.45	-18.93
822.5		RB1-14	QPSK	0.086	19.33	38.45	-19.12
815.5		RB1-0	16QAM	0.067	18.28	38.45	-20.17
819.0		RB1-8	16QAM	0.063	18.02	38.45	-20.43
822.5		RB1-14	16QAM	0.068	18.33	38.45	-20.12
816.5	LTE26(90s) / 5 MHz (ANT A+C)	RB1-0	QPSK	0.091	19.57	38.45	-18.88
819.0		RB1-12	QPSK	0.091	19.57	38.45	-18.88
821.5		RB1-24	QPSK	0.087	19.41	38.45	-19.04
816.5		RB1-0	16QAM	0.069	18.37	38.45	-20.08
819.0		RB1-12	16QAM	0.067	18.29	38.45	-20.16
821.5		RB1-24	16QAM	0.068	18.32	38.45	-20.13
819.0	LTE26(90s) / 10 MHz (ANT A+C)	RB1-0	QPSK	0.070	18.43	38.45	-20.02
819.0		RB1-25	QPSK	0.076	18.81	38.45	-19.64
819.0		RB1-49	QPSK	0.086	19.33	38.45	-19.12
819.0		RB1-0	16QAM	0.062	17.90	38.45	-20.55
819.0		RB1-25	16QAM	0.066	18.21	38.45	-20.24
819.0		RB1-49	16QAM	0.062	17.93	38.45	-20.52

CONFIG 0

High Frequency Substitution Measurement UL Morrisville Chamber 4

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-14
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
814.7	LTE26(90s) / 1.4 MHz (ANT E)	RB1-0	QPSK	0.072	18.57	38.45	-19.88
819.0		RB1-3	QPSK	0.072	18.57	38.45	-19.88
823.3		RB1-5	QPSK	0.068	18.32	38.45	-20.13
814.7		RB1-0	16QAM	0.066	18.18	38.45	-20.27
819.0		RB1-3	16QAM	0.066	18.18	38.45	-20.27
823.3		RB1-5	16QAM	0.063	18.01	38.45	-20.44
815.5	LTE26(90s) / 3 MHz (ANT E)	RB1-0	QPSK	0.071	18.49	38.45	-19.96
819.0		RB1-8	QPSK	0.071	18.49	38.45	-19.96
822.5		RB1-14	QPSK	0.067	18.29	38.45	-20.16
815.5		RB1-0	16QAM	0.068	18.31	38.45	-20.14
819.0		RB1-8	16QAM	0.069	18.38	38.45	-20.07
822.5		RB1-14	16QAM	0.063	17.99	38.45	-20.46
816.5	LTE26(90s) / 5 MHz (ANT E)	RB1-0	QPSK	0.071	18.51	38.45	-19.94
819.0		RB1-12	QPSK	0.071	18.51	38.45	-19.94
821.5		RB1-24	QPSK	0.069	18.38	38.45	-20.07
816.5		RB1-0	16QAM	0.054	17.32	38.45	-21.13
819.0		RB1-12	16QAM	0.060	17.75	38.45	-20.70
821.5		RB1-24	16QAM	0.061	17.84	38.45	-20.61
819.0	LTE26(90s) / 10 MHz (ANT E)	RB1-0	QPSK	0.062	17.92	38.45	-20.53
819.0		RB1-25	QPSK	0.064	18.09	38.45	-20.36
819.0		RB1-49	QPSK	0.069	18.40	38.45	-20.05
819.0		RB1-0	16QAM	0.053	17.21	38.45	-21.24
819.0		RB1-25	16QAM	0.055	17.41	38.45	-21.04
819.0		RB1-49	16QAM	0.058	17.64	38.45	-20.81

CONFIG 1

9.1.2. 5G NR n26 (FCC PART 90S)

High Frequency Substitution Measurement UL Morrisville Chamber 4

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-14
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
816.5	n26 (90s) /5MHz (ANT A+C)	RB1-1	BPSK	0.076	18.82	38.45	-19.63
819.0		RB1-12	BPSK	0.073	18.66	38.45	-19.79
821.5		RB1-23	BPSK	0.073	18.64	38.45	-19.81
816.5		RB1-1	16QAM	0.050	16.99	38.45	-21.46
819.0		RB1-12	16QAM	0.057	17.53	38.45	-20.92
821.5		RB1-23	16QAM	0.057	17.53	38.45	-20.92
819.0	n26(90S) / 10MHz (ANT A+C)	RB1-1	BPSK	0.063	17.97	38.45	-20.48
819.0		RB1-26	BPSK	0.070	18.45	38.45	-20.00
819.0		RB1-50	BPSK	0.074	18.67	38.45	-19.78
819.0		RB1-1	16QAM	0.049	16.90	38.45	-21.55
819.0		RB1-26	16QAM	0.054	17.29	38.45	-21.16
819.0		RB1-50	16QAM	0.057	17.57	38.45	-20.88

CONFIG 0

**High Frequency Substitution Measurement
UL Morrisville Chamber 4**

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-14
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
816.5	n26 (90s) /5MHz (ANT E)	RB1-1	BPSK	0.072	18.58	38.45	-19.87
819.0		RB1-12	BPSK	0.072	18.59	38.45	-19.86
821.5		RB1-23	BPSK	0.071	18.51	38.45	-19.94
816.5		RB1-1	16QAM	0.068	18.34	38.45	-20.11
819.0		RB1-12	16QAM	0.055	17.43	38.45	-21.02
821.5		RB1-23	16QAM	0.057	17.54	38.45	-20.91
819.0	n26(90S) / 10MHz (ANT E)	RB1-1	BPSK	0.063	18.00	38.45	-20.45
819.0		RB1-26	BPSK	0.068	18.34	38.45	-20.11
819.0		RB1-50	BPSK	0.071	18.51	38.45	-19.94
819.0		RB1-1	16QAM	0.049	16.93	38.45	-21.52
819.0		RB1-26	16QAM	0.053	17.21	38.45	-21.24
819.0		RB1-50	16QAM	0.056	17.48	38.45	-20.97

CONFIG 1

9.1.3. LTE BAND 5&26 (FCC PART 22)

High Frequency Substitution Measurement UL Morrisville Chamber 4

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-29
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
824.7	LTE26(22) / 1.4 MHz	RB1-0	QPSK	0.093	19.68	38.45	-18.77
836.5		RB1-3	QPSK	0.093	19.68	38.45	-18.77
848.3		RB1-5	QPSK	0.091	19.60	38.45	-18.85
824.7		RB1-0	16QAM	0.077	18.86	38.45	-19.59
836.5		RB1-3	16QAM	0.077	18.86	38.45	-19.59
848.3		RB1-5	16QAM	0.076	18.79	38.45	-19.66
825.5	LTE26(22) / 3 MHz	RB1-0	QPSK	0.093	19.68	38.45	-18.77
836.5		RB1-8	QPSK	0.093	19.68	38.45	-18.77
847.5		RB1-14	QPSK	0.090	19.53	38.45	-18.92
825.5		RB1-0	16QAM	0.077	18.88	38.45	-19.57
836.5		RB1-8	16QAM	0.077	18.88	38.45	-19.57
847.5		RB1-14	16QAM	0.075	18.72	38.45	-19.73
826.5	LTE26(22) / 5 MHz	RB1-0	QPSK	0.094	19.74	38.45	-18.71
836.5		RB1-12	QPSK	0.094	19.74	38.45	-18.71
846.5		RB1-24	QPSK	0.091	19.58	38.45	-18.87
826.5		RB1-0	16QAM	0.077	18.87	38.45	-19.58
836.5		RB1-12	16QAM	0.077	18.87	38.45	-19.58
846.5		RB1-24	16QAM	0.074	18.70	38.45	-19.75
829.0	LTE26(22) / 10 MHz	RB1-0	QPSK	0.093	19.66	38.45	-18.79
836.5		RB1-25	QPSK	0.093	19.66	38.45	-18.79
844.0		RB1-49	QPSK	0.089	19.51	38.45	-18.94
829.0		RB1-0	16QAM	0.074	18.67	38.45	-19.78
836.5		RB1-25	16QAM	0.074	18.67	38.45	-19.78
844.0		RB1-49	16QAM	0.073	18.63	38.45	-19.82
831.5	LTE26(22) / 15 MHz	RB1-0	QPSK	0.079	18.98	38.45	-19.47
836.5		RB1-37	QPSK	0.091	19.58	38.45	-18.87
841.5		RB1-74	QPSK	0.077	18.87	38.45	-19.58
831.5		RB1-0	16QAM	0.065	18.16	38.45	-20.29
836.5		RB1-37	16QAM	0.074	18.70	38.45	-19.75
841.5		RB1-74	16QAM	0.064	18.06	38.45	-20.39

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
824.0	LTE26 Straddle / 1.4 MHz (ANT A+C)	RB1-0	QPSK	0.080	19.05	38.45	-19.40
824.0		RB1-3	QPSK	0.079	19.00	38.45	-19.45
824.0		RB1-5	QPSK	0.080	19.01	38.45	-19.44
824.0		RB1-0	16QAM	0.073	18.66	38.45	-19.79
824.0		RB1-3	16QAM	0.074	18.69	38.45	-19.76
824.0		RB1-5	16QAM	0.073	18.61	38.45	-19.84
824.0	LTE26 Straddle / 3 MHz (ANT A+C)	RB1-0	QPSK	0.083	19.18	38.45	-19.27
824.0		RB1-8	QPSK	0.080	19.05	38.45	-19.40
824.0		RB1-14	QPSK	0.083	19.20	38.45	-19.25
824.0		RB1-0	16QAM	0.055	17.39	38.45	-21.06
824.0		RB1-8	16QAM	0.058	17.62	38.45	-20.83
824.0		RB1-14	16QAM	0.074	18.69	38.45	-19.76
824.0	LTE26 Straddle / 5 MHz (ANT A+C)	RB1-0	QPSK	0.087	19.38	38.45	-19.07
824.0		RB1-12	QPSK	0.081	19.10	38.45	-19.35
824.0		RB1-24	QPSK	0.080	19.05	38.45	-19.40
824.0		RB1-0	16QAM	0.055	17.39	38.45	-21.06
824.0		RB1-12	16QAM	0.057	17.53	38.45	-20.92
824.0		RB1-24	16QAM	0.074	18.68	38.45	-19.77
824.0	LTE26 Straddle / 10 MHz (ANT A+C)	RB1-0	QPSK	0.077	18.84	38.45	-19.61
824.0		RB1-25	QPSK	0.071	18.50	38.45	-19.95
824.0		RB1-49	QPSK	0.082	19.14	38.45	-19.31
824.0		RB1-0	16QAM	0.064	18.03	38.45	-20.42
824.0		RB1-25	16QAM	0.062	17.92	38.45	-20.53
824.0		RB1-49	16QAM	0.070	18.46	38.45	-19.99
824.0	LTE26 Straddle / 15 MHz (ANT A+C)	RB1-0	QPSK	0.059	17.70	38.45	-20.75
824.0		RB1-37	QPSK	0.058	17.60	38.45	-20.85
824.0		RB1-74	QPSK	0.070	18.44	38.45	-20.01
824.0		RB1-0	16QAM	0.043	16.37	38.45	-22.08
824.0		RB1-37	16QAM	0.048	16.81	38.45	-21.64
824.0		RB1-74	16QAM	0.059	17.70	38.45	-20.75

CONFIG 0

**High Frequency Substitution Measurement
UL Morrisville Chamber 4**

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-29
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
824.7	LTE26(22) / 1.4 MHz (ANT E)	RB1-0	QPSK	0.064	18.05	38.45	-20.40
836.5		RB1-3	QPSK	0.065	18.13	38.45	-20.32
848.3		RB1-5	QPSK	0.064	18.08	38.45	-20.37
824.7		RB1-0	16QAM	0.057	17.54	38.45	-20.91
836.5		RB1-3	16QAM	0.058	17.64	38.45	-20.81
848.3		RB1-5	16QAM	0.056	17.50	38.45	-20.95
825.5	LTE26(22) / 3 MHz (ANT E)	RB1-0	QPSK	0.064	18.06	38.45	-20.39
836.5		RB1-8	QPSK	0.064	18.07	38.45	-20.38
847.5		RB1-14	QPSK	0.064	18.04	38.45	-20.41
825.5		RB1-0	16QAM	0.057	17.57	38.45	-20.88
836.5		RB1-8	16QAM	0.059	17.73	38.45	-20.72
847.5		RB1-14	16QAM	0.057	17.56	38.45	-20.89
826.5	LTE26(22) / 5 MHz (ANT E)	RB1-0	QPSK	0.066	18.18	38.45	-20.27
836.5		RB1-12	QPSK	0.065	18.12	38.45	-20.33
846.5		RB1-24	QPSK	0.065	18.16	38.45	-20.29
826.5		RB1-0	16QAM	0.057	17.55	38.45	-20.90
836.5		RB1-12	16QAM	0.058	17.60	38.45	-20.85
846.5		RB1-24	16QAM	0.058	17.64	38.45	-20.81
829.0	LTE26(22) / 10 MHz (ANT E)	RB1-0	QPSK	0.062	17.93	38.45	-20.52
836.5		RB1-25	QPSK	0.064	18.07	38.45	-20.38
844.0		RB1-49	QPSK	0.066	18.22	38.45	-20.23
829.0		RB1-0	16QAM	0.055	17.44	38.45	-21.01
836.5		RB1-25	16QAM	0.056	17.47	38.45	-20.98
844.0		RB1-49	16QAM	0.056	17.49	38.45	-20.96
831.5	LTE26(22) / 15 MHz (ANT E)	RB1-0	QPSK	0.071	18.51	38.45	-19.94
836.5		RB1-37	QPSK	0.068	18.35	38.45	-20.10
841.5		RB1-74	QPSK	0.058	17.64	38.45	-20.81
831.5		RB1-0	16QAM	0.058	17.61	38.45	-20.84
836.5		RB1-37	16QAM	0.056	17.48	38.45	-20.97
841.5		RB1-74	16QAM	0.046	16.67	38.45	-21.78

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
824.0	LTE26 Straddle / 1.4 MHz (ANT E)	RB1-0	QPSK	0.066	18.17	38.45	-20.28
824.0		RB1-3	QPSK	0.065	18.16	38.45	-20.29
824.0		RB1-5	QPSK	0.068	18.32	38.45	-20.13
824.0		RB1-0	16QAM	0.050	16.97	38.45	-21.48
824.0		RB1-3	16QAM	0.050	16.95	38.45	-21.50
824.0		RB1-5	16QAM	0.050	16.95	38.45	-21.50
824.0	LTE26 Straddle / 3 MHz (ANT E)	RB1-0	QPSK	0.068	18.30	38.45	-20.15
824.0		RB1-8	QPSK	0.069	18.42	38.45	-20.03
824.0		RB1-14	QPSK	0.065	18.10	38.45	-20.35
824.0		RB1-0	16QAM	0.050	17.03	38.45	-21.42
824.0		RB1-8	16QAM	0.051	17.08	38.45	-21.37
824.0		RB1-14	16QAM	0.055	17.43	38.45	-21.02
824.0	LTE26 Straddle / 5 MHz (ANT E)	RB1-0	QPSK	0.066	18.21	38.45	-20.24
824.0		RB1-12	QPSK	0.069	18.40	38.45	-20.05
824.0		RB1-24	QPSK	0.067	18.23	38.45	-20.22
824.0		RB1-0	16QAM	0.051	17.04	38.45	-21.41
824.0		RB1-12	16QAM	0.050	17.00	38.45	-21.45
824.0		RB1-24	16QAM	0.055	17.42	38.45	-21.03
824.0	LTE26 Straddle / 10 MHz (ANT E)	RB1-0	QPSK	0.060	17.80	38.45	-20.65
824.0		RB1-25	QPSK	0.067	18.24	38.45	-20.21
824.0		RB1-49	QPSK	0.064	18.09	38.45	-20.36
824.0		RB1-0	16QAM	0.050	16.99	38.45	-21.46
824.0		RB1-25	16QAM	0.055	17.42	38.45	-21.03
824.0		RB1-49	16QAM	0.053	17.25	38.45	-21.20
824.0	LTE26 Straddle / 15 MHz (ANT E)	RB1-0	QPSK	0.058	17.67	38.45	-20.78
824.0		RB1-37	QPSK	0.058	17.60	38.45	-20.85
824.0		RB1-74	QPSK	0.061	17.83	38.45	-20.62
824.0		RB1-0	16QAM	0.050	16.96	38.45	-21.49
824.0		RB1-37	16QAM	0.048	16.84	38.45	-21.61
824.0		RB1-74	16QAM	0.049	16.92	38.45	-21.53

CONFIG 1

9.1.4. 5G NR n5&n26 (FCC PART 22)

High Frequency Substitution Measurement UL Morrisville Chamber 4

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-29
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
826.5	n26 (22) / 5MHz (ANT A+C)	RB1-1	BPSK	0.079	18.98	38.45	-19.47
836.5		RB1-12	BPSK	0.065	18.13	38.45	-20.32
846.5		RB1-23	BPSK	0.076	18.79	38.45	-19.66
826.5		RB1-1	16QAM	0.063	18.00	38.45	-20.45
836.5		RB1-12	16QAM	0.051	17.08	38.45	-21.37
846.5		RB1-23	16QAM	0.061	17.88	38.45	-20.57
829.0	n26 (22) / 10MHz (ANT A+C)	RB1-1	BPSK	0.077	18.85	38.45	-19.60
836.5		RB1-26	BPSK	0.078	18.94	38.45	-19.51
844.0		RB1-50	BPSK	0.075	18.72	38.45	-19.73
829.0		RB1-1	16QAM	0.061	17.87	38.45	-20.58
836.5		RB1-26	16QAM	0.063	18.02	38.45	-20.43
844.0		RB1-50	16QAM	0.060	17.75	38.45	-20.70
831.5	n26 (22) / 15MHz (ANT A+C)	RB1-1	BPSK	0.076	18.82	38.45	-19.63
836.5		RB1-39	BPSK	0.077	18.87	38.45	-19.58
841.5		RB1-77	BPSK	0.076	18.82	38.45	-19.63
831.5		RB1-1	16QAM	0.063	17.96	38.45	-20.49
836.5		RB1-39	16QAM	0.063	17.99	38.45	-20.46
841.5		RB1-77	16QAM	0.061	17.88	38.45	-20.57
834.0	n26 (22) / 20MHz (ANT A+C)	RB1-1	BPSK	0.076	18.81	38.45	-19.64
836.5		RB1-53	BPSK	0.065	18.16	38.45	-20.29
839.0		RB1-104	BPSK	0.065	18.15	38.45	-20.30
834.0		RB1-1	16QAM	0.061	17.82	38.45	-20.63
836.5		RB1-53	16QAM	0.051	17.10	38.45	-21.35
839.0		RB1-104	16QAM	0.051	17.06	38.45	-21.39

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
824.0	n26 Straddle / 5MHz (ANT A+C)	RB1-1	BPSK	0.069	18.37	38.45	-20.08
824.0		RB1-12	BPSK	0.069	18.42	38.45	-20.03
824.0		RB1-23	BPSK	0.068	18.34	38.45	-20.11
824.0		RB1-1	16QAM	0.052	17.16	38.45	-21.29
824.0		RB1-12	16QAM	0.056	17.51	38.45	-20.94
824.0		RB1-23	16QAM	0.053	17.24	38.45	-21.21
824.0	n26 Straddle / 10MHz (ANT A+C)	RB1-1	BPSK	0.061	17.84	38.45	-20.61
824.0		RB1-26	BPSK	0.064	18.09	38.45	-20.36
824.0		RB1-50	BPSK	0.068	18.35	38.45	-20.10
824.0		RB1-1	16QAM	0.047	16.75	38.45	-21.70
824.0		RB1-26	16QAM	0.050	16.99	38.45	-21.46
824.0		RB1-50	16QAM	0.054	17.30	38.45	-21.15
824.0	n26 Straddle / 15MHz (ANT A+C)	RB1-1	BPSK	0.053	17.23	38.45	-21.22
824.0		RB1-39	BPSK	0.067	18.27	38.45	-20.18
824.0		RB1-77	BPSK	0.063	18.01	38.45	-20.44
824.0		RB1-1	16QAM	0.042	16.25	38.45	-22.20
824.0		RB1-39	16QAM	0.053	17.21	38.45	-21.24
824.0		RB1-77	16QAM	0.051	17.05	38.45	-21.40
824.0	n26 Straddle / 20MHz (ANT A+C)	RB1-1	BPSK	0.054	17.30	38.45	-21.15
824.0		RB1-53	BPSK	0.057	17.55	38.45	-20.90
824.0		RB1-104	BPSK	0.064	18.06	38.45	-20.39
824.0		RB1-1	16QAM	0.042	16.21	38.45	-22.24
824.0		RB1-53	16QAM	0.043	16.34	38.45	-22.11
824.0		RB1-104	16QAM	0.048	16.85	38.45	-21.60

CONFIG 0

**High Frequency Substitution Measurement
UL Morrisville Chamber 4**

Company: Samsung
Project #: 16238088
Date: 2026-03-05 – 2026-04-29
Test Engineer: 19289

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
826.5	n26 (22) / 5MHz (ANT E)	RB1-1	BPSK	0.071	18.49	38.45	-19.96
836.5		RB1-12	BPSK	0.071	18.50	38.45	-19.95
846.5		RB1-23	BPSK	0.069	18.37	38.45	-20.08
826.5		RB1-1	16QAM	0.056	17.48	38.45	-20.97
836.5		RB1-12	16QAM	0.057	17.53	38.45	-20.92
846.5		RB1-23	16QAM	0.055	17.38	38.45	-21.07
829.0	n26 (22) / 10MHz (ANT E)	RB1-1	BPSK	0.069	18.37	38.45	-20.08
836.5		RB1-26	BPSK	0.069	18.37	38.45	-20.08
844.0		RB1-50	BPSK	0.067	18.27	38.45	-20.18
829.0		RB1-1	16QAM	0.055	17.38	38.45	-21.07
836.5		RB1-26	16QAM	0.055	17.40	38.45	-21.05
844.0		RB1-50	16QAM	0.053	17.22	38.45	-21.23
831.5	n26 (22) / 15MHz (ANT E)	RB1-1	BPSK	0.068	18.31	38.45	-20.14
836.5		RB1-39	BPSK	0.069	18.40	38.45	-20.05
841.5		RB1-77	BPSK	0.069	18.36	38.45	-20.09
831.5		RB1-1	16QAM	0.055	17.40	38.45	-21.05
836.5		RB1-39	16QAM	0.054	17.28	38.45	-21.17
841.5		RB1-77	16QAM	0.055	17.38	38.45	-21.07
834.0	n26 (22) / 20MHz (ANT E)	RB1-1	BPSK	0.068	18.29	38.45	-20.16
836.5		RB1-53	BPSK	0.051	17.07	38.45	-21.38
839.0		RB1-104	BPSK	0.053	17.21	38.45	-21.24
834.0		RB1-1	16QAM	0.054	17.36	38.45	-21.09
836.5		RB1-53	16QAM	0.038	15.85	38.45	-22.60
839.0		RB1-104	16QAM	0.040	16.07	38.45	-22.38

Freq (MHz)	Band/Bandwidth	RB Size-Offset	Modulation (Of EUT)	EIRP (W)	EIRP _{DUT} (dBm)	Limit (dBm)	Margin (dB)
824.0	n26 Straddle / 5MHz (ANT E)	RB1-1	BPSK	0.061	17.84	38.45	-20.61
824.0		RB1-12	BPSK	0.061	17.85	38.45	-20.60
824.0		RB1-23	BPSK	0.061	17.83	38.45	-20.62
824.0		RB1-1	16QAM	0.047	16.69	38.45	-21.76
824.0		RB1-12	16QAM	0.048	16.79	38.45	-21.66
824.0		RB1-23	16QAM	0.047	16.75	38.45	-21.70
824.0	n26 Straddle / 10MHz (ANT E)	RB1-1	BPSK	0.055	17.43	38.45	-21.02
824.0		RB1-26	BPSK	0.062	17.89	38.45	-20.56
824.0		RB1-50	BPSK	0.062	17.93	38.45	-20.52
824.0		RB1-1	16QAM	0.043	16.32	38.45	-22.13
824.0		RB1-26	16QAM	0.048	16.81	38.45	-21.64
824.0		RB1-50	16QAM	0.049	16.89	38.45	-21.56
824.0	n26 Straddle / 15MHz (ANT E)	RB1-1	BPSK	0.058	17.64	38.45	-20.81
824.0		RB1-39	BPSK	0.065	18.12	38.45	-20.33
824.0		RB1-77	BPSK	0.068	18.33	38.45	-20.12
824.0		RB1-1	16QAM	0.047	16.68	38.45	-21.77
824.0		RB1-39	16QAM	0.051	17.05	38.45	-21.40
824.0		RB1-77	16QAM	0.054	17.29	38.45	-21.16
824.0	n26 Straddle / 20MHz (ANT E)	RB1-1	BPSK	0.064	18.07	38.45	-20.38
824.0		RB1-53	BPSK	0.067	18.25	38.45	-20.20
824.0		RB1-104	BPSK	0.061	17.86	38.45	-20.59
824.0		RB1-1	16QAM	0.049	16.93	38.45	-21.52
824.0		RB1-53	16QAM	0.052	17.14	38.45	-21.31
824.0		RB1-104	16QAM	0.048	16.83	38.45	-21.62

CONFIG 1

9.2. FIELD STRENGTH OF SPURIOUS RADIATION

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.

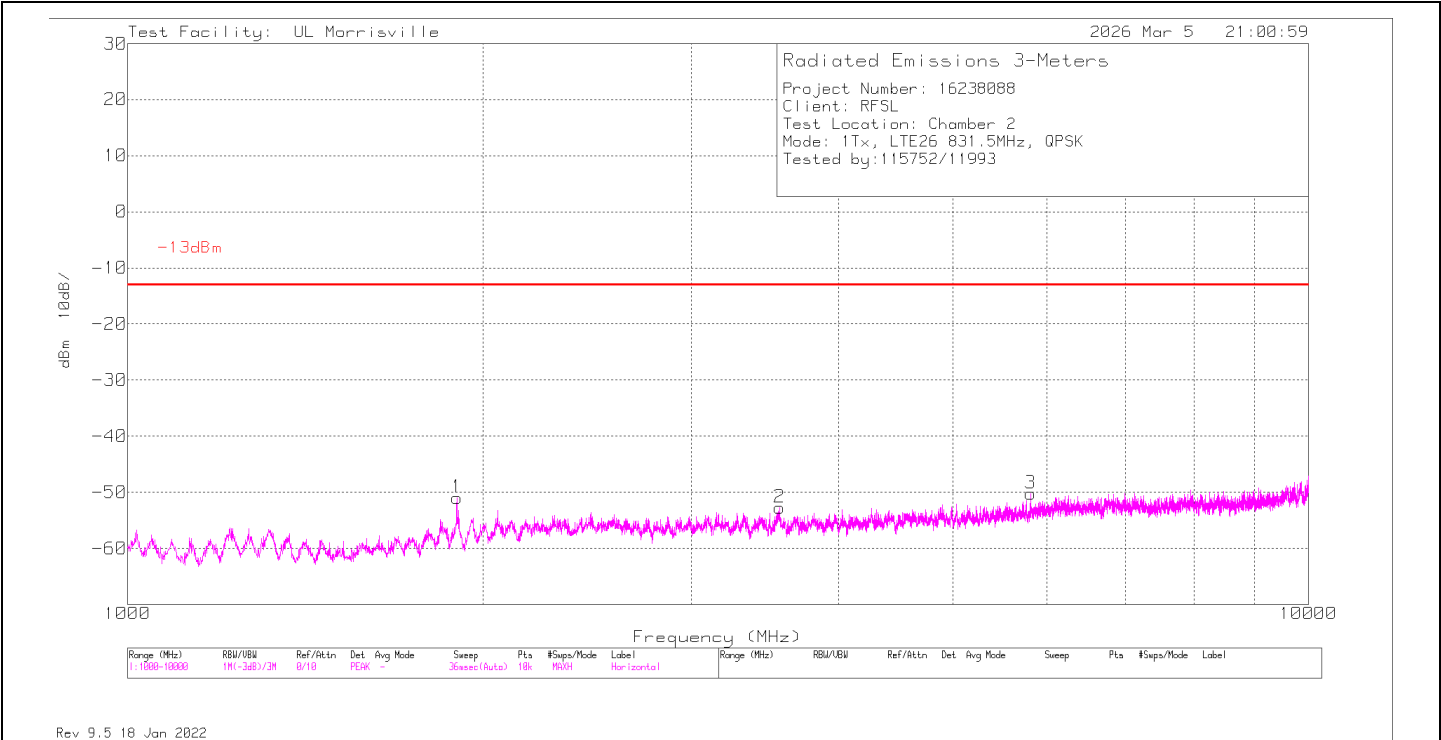
RSS132§5.5

Equipment shall meet the unwanted emission limits specified below:

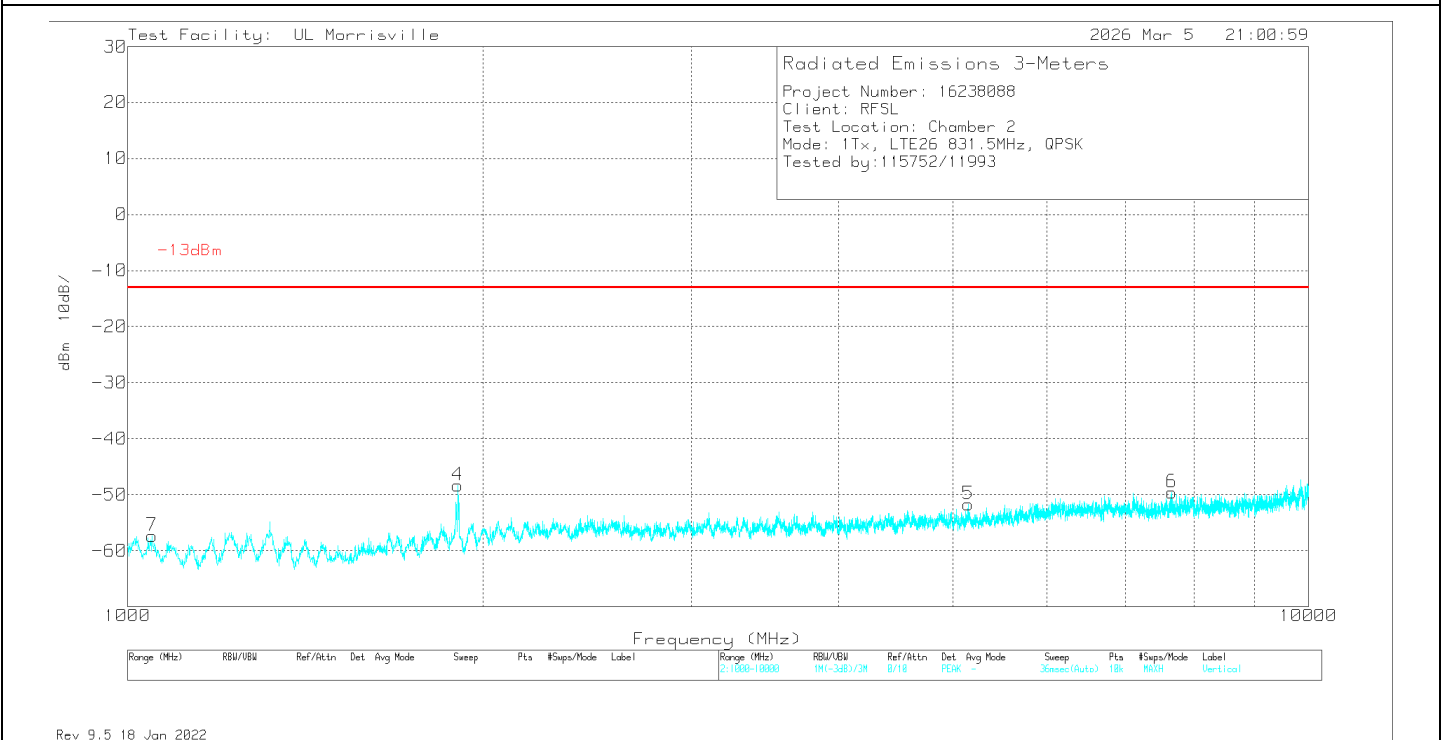
- (i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated below the transmitter output power P (dBW) by at least $43 + 10 \log(p)$ dB.
- (ii) After the first 1.0 MHz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

Example Plot



Horizontal Polarity



Vertical Polarity

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	88761 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	1048.6	-48.31	Pk	27.7	-49.9	1.3	11.8	-57.41	-13	-44.41	0-360	200	V
1	1900.9	-43.97	Pk	30.9	-50	.3	11.8	-50.97	-13	-37.97	0-360	101	H
4	1904.5	-41.21	Pk	30.9	-50.1	.3	11.8	-48.31	-13	-35.31	0-360	300	V
2	3565.9	-51.63	Pk	32.9	-46.3	.5	11.8	-52.73	-13	-39.73	0-360	300	H
5	5148.1	-53.39	Pk	34.2	-44.5	.2	11.8	-51.69	-13	-38.69	0-360	300	V
3	5815.9	-53.35	Pk	35	-44.1	.4	11.8	-50.25	-13	-37.25	0-360	300	H
6	7663.6	-54.64	Pk	35.6	-42.7	.3	11.8	-49.64	-13	-36.64	0-360	300	V

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

9.2.1. LTE BAND 26 (FCC PART 90S & 22)

LTE BAND 26 (QPSK 15.0MHZ BANDWIDTH, ANT A+C (CONFIG 0))

Date:	2026-03-05
Test Engineer:	115752/11993
Configuration:	EUT Only
Mode:	LTE26, QPSK
Chamber #:	Chamber 2

Frequency (MHz)	Meter Reading (dBuV)	Det	206211 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
Low Channel, 821.5MHz									
1844.2	-47.35	Pk	30.7	-49.4	.3	11.8	-53.95	-13	-40.95
2421.1	-50.27	Pk	32.4	-48.1	.4	11.8	-53.77	-13	-40.77
4382.2	-52.56	Pk	33.7	-46.2	.6	11.8	-52.66	-13	-39.66
4874.5	-53.46	Pk	34.2	-44.9	.2	11.8	-52.16	-13	-39.16
7127.2	-54.72	Pk	35.5	-42.3	.2	11.8	-49.52	-13	-36.52
8830.9	-57.23	Pk	35.9	-39.6	.3	11.8	-48.83	-13	-35.83
Mid Channel, 831.5MHz									
1048.6	-48.31	Pk	27.7	-49.9	1.3	11.8	-57.41	-13	-44.41
1900.9	-43.97	Pk	30.9	-50	.3	11.8	-50.97	-13	-37.97
1904.5	-41.21	Pk	30.9	-50.1	.3	11.8	-48.31	-13	-35.31
3565.9	-51.63	Pk	32.9	-46.3	.5	11.8	-52.73	-13	-39.73
5148.1	-53.39	Pk	34.2	-44.5	.2	11.8	-51.69	-13	-38.69
5815.9	-53.35	Pk	35	-44.1	.4	11.8	-50.25	-13	-37.25
7663.6	-54.64	Pk	35.6	-42.7	.3	11.8	-49.64	-13	-36.64
High Channel, 839MHz									
1895.5	-46.23	Pk	30.9	-49.7	.3	11.8	-52.93	-13	-39.93
1993.6	-48.96	Pk	31.4	-49.9	.4	11.8	-55.26	-13	-42.26
2442.7	-49.75	Pk	32.5	-48.2	.4	11.8	-53.25	-13	-40.25
3097	-52.03	Pk	33.1	-45.7	.2	11.8	-52.63	-13	-39.63
6892.3	-54.75	Pk	35.6	-42.7	.3	11.8	-49.75	-13	-36.75
7888.6	-54.24	Pk	35.8	-42.5	.3	11.8	-48.84	-13	-35.84

LTE BAND 26 (QPSK 15.0MHZ BANDWIDTH, ANT E (CONFIG 1))

Date:	2026-03-06
Test Engineer:	115752/11993
Configuration:	EUT Only
Mode:	LTE26, QPSK
Chamber #:	Chamber 2

Frequency (MHz)	Meter Reading (dBuV)	Det	206211 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
Low Channel, 821.5MHz									
1629.1	-48.76	Pk	28.7	-48.8	.3	11.8	-56.76	-13	-43.76
1629.1	-42.03	Pk	28.7	-48.8	.3	11.8	-50.03	-13	-37.03
2444.5	-48.69	Pk	32.5	-48.4	.4	11.8	-52.39	-13	-39.39
2444.5	-47.71	Pk	32.5	-48.4	.4	11.8	-51.41	-13	-38.41
4263.4	-51.73	Pk	33.6	-46.2	.5	11.8	-52.03	-13	-39.03
4271.5	-52.82	Pk	33.6	-46.2	.3	11.8	-53.32	-13	-40.32
Mid Channel, 831.5MHz									
1664.2	-44.81	Pk	29.1	-49.7	.3	11.8	-53.31	-13	-40.31
1664.2	-39.83	Pk	29.1	-49.7	.3	11.8	-48.33	-13	-35.33
3554.2	-52.37	Pk	32.9	-46	.5	11.8	-53.17	-13	-40.17
3563.2	-51.3	Pk	32.9	-46	.5	11.8	-52.1	-13	-39.1
6716.8	-53.58	Pk	35.6	-42.7	.3	11.8	-48.58	-13	-35.58
6722.2	-54.97	Pk	35.6	-42.9	.2	11.8	-50.27	-13	-37.27
High Channel, 839MHz									
1664.2	-44.71	Pk	29.1	-49.7	.3	11.8	-53.21	-13	-40.21
1664.2	-39.56	Pk	29.1	-49.7	.3	11.8	-48.06	-13	-35.06
1891	-48.65	Pk	30.9	-49.4	.3	11.8	-55.05	-13	-42.05
1903.6	-45.89	Pk	30.9	-50.1	.3	11.8	-52.99	-13	-39.99
3557.8	-52.45	Pk	32.9	-45.9	.5	11.8	-53.15	-13	-40.15
3562.3	-52.94	Pk	32.9	-46	.5	11.8	-53.74	-13	-40.74

9.2.2. 5G NR n26 (FCC PART 90S & 22)

5G NR n26 (BPSK 20.0MHZ BANDWIDTH, ANT A+C (CONFIG 0))

Date:	2026-03-23
Test Engineer:	84740/11993
Configuration:	EUT Only
Mode:	N26, BPSK
Chamber #:	Chamber 4

Frequency (MHz)	Meter Reading (dBuV)	Det	206211 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
Low Channel, 824MHz									
1.9918	-62.44	Pk	31.2	-35.7	.4	11.8	-54.74	-13	-41.74
2.0476	-62.16	Pk	31.7	-35.7	.5	11.8	-53.86	-13	-40.86
6.616	-66.87	Pk	35.5	-28.5	.5	11.8	-47.57	-13	-34.57
6.7996	-65.73	Pk	35.4	-28.1	.4	11.8	-46.23	-13	-33.23
9.0541	-65.54	Pk	36	-24.8	.4	11.8	-42.14	-13	-29.14
9.1495	-65.52	Pk	36.2	-25.1	.5	11.8	-42.12	-13	-29.12
Mid Channel, 831.5MHz									
1.9918	-61.69	Pk	31.2	-35.7	.4	11.8	-53.99	-13	-40.99
2.0665	-62.18	Pk	31.7	-35.9	.4	11.8	-54.18	-13	-41.18
4.9312	-64.47	Pk	33.8	-31.2	.3	11.8	-49.77	-13	-36.77
4.9402	-63.96	Pk	33.8	-31.2	.3	11.8	-49.26	-13	-36.26
9.5653	-65.94	Pk	36.7	-24.8	.6	11.8	-41.64	-13	-28.64
9.6931	-67.19	Pk	36.7	-24.6	.6	11.8	-42.69	-13	-29.69
High Channel, 839MHz									
1.288	-62.49	Pk	29.3	-35.5	.6	11.8	-56.29	-13	-43.29
1.9018	-62.19	Pk	30.7	-35.4	.4	11.8	-54.69	-13	-41.69
4.6063	-64.99	Pk	34.2	-31.3	.2	11.8	-50.09	-13	-37.09
5.8888	-65.83	Pk	34.9	-29.6	.3	11.8	-48.43	-13	-35.43
9.5428	-66.55	Pk	36.7	-24.9	.5	11.8	-42.45	-13	-29.45
9.604	-65.96	Pk	36.6	-24.8	.5	11.8	-41.86	-13	-28.86

5G NR n26 (BPSK 20.0MHZ BANDWIDTH, ANT E (CONFIG 1))

Date:	2026-03-23
Test Engineer:	84740/11993
Configuration:	EUT Only
Mode:	N26, BPSK
Chamber #:	Chamber 4

Frequency (MHz)	Meter Reading (dBuV)	Det	206211 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
Low Channel, 824MHz									
1.9009	-61.92	Pk	30.7	-35.4	.4	11.8	-54.42	-13	-41.42
2.0737	-62.61	Pk	31.7	-35.7	.4	11.8	-54.41	-13	-41.41
4.6009	-64.34	Pk	34.2	-31.4	.2	11.8	-49.54	-13	-36.54
4.6324	-63.96	Pk	34.2	-31.6	.3	11.8	-49.26	-13	-36.26
9.379	-65.26	Pk	36.5	-24.8	.3	11.8	-41.46	-13	-28.46
9.6895	-67.27	Pk	36.7	-24.5	.6	11.8	-42.67	-13	-29.67
Mid Channel, 831.5MHz									
1.6435	-58.91	Pk	28.9	-35.6	.5	11.8	-53.31	-13	-40.31
1.6435	-60.97	Pk	28.9	-35.6	.5	11.8	-55.37	-13	-42.37
4.4479	-64.34	Pk	33.7	-31	.2	11.8	-49.64	-13	-36.64
4.5919	-63.86	Pk	34.2	-31.5	.2	11.8	-49.16	-13	-36.16
9.5617	-66.37	Pk	36.7	-24.8	.6	11.8	-42.07	-13	-29.07
9.5887	-66.32	Pk	36.6	-24.5	.6	11.8	-41.82	-13	-28.82
High Channel, 839MHz									
1.2907	-61.89	Pk	29.3	-35.6	.6	11.8	-55.79	-13	-42.79
1.3015	-61.74	Pk	29.2	-35.7	.6	11.8	-55.84	-13	-42.84
5.0563	-65.4	Pk	34.1	-31.3	.3	11.8	-50.5	-13	-37.5
5.266	-64.55	Pk	34.3	-31.1	.2	11.8	-49.35	-13	-36.35
9.0343	-65.61	Pk	36	-24.5	.4	11.8	-41.91	-13	-28.91
9.6004	-66.74	Pk	36.6	-24.8	.5	11.8	-42.64	-13	-29.64

10. SETUP PHOTOS

Refer to R16238088-EP1 for setup photos.

END OF REPORT