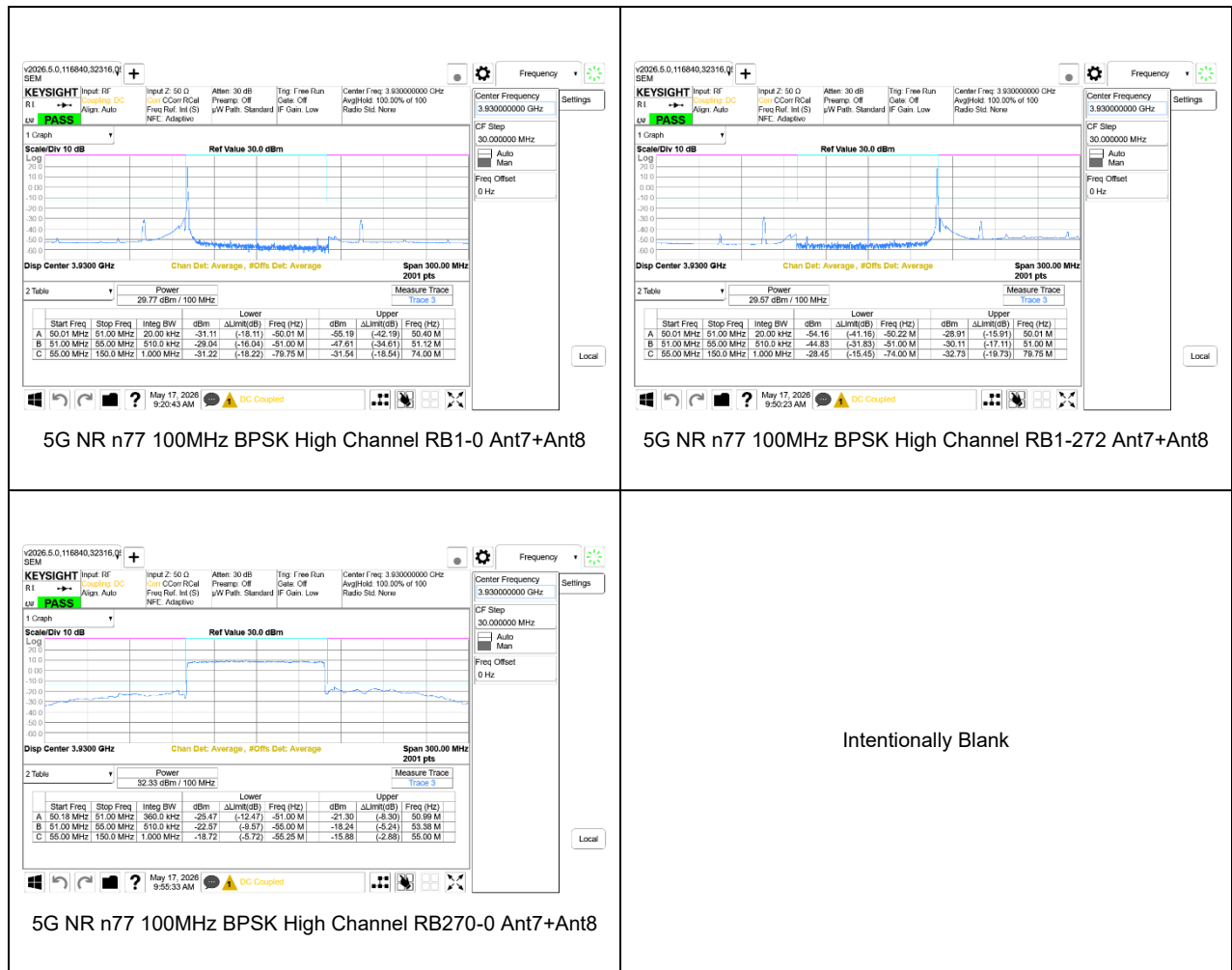




9.3. OUT OF BAND EMISSIONS

LIMITS

FCC: §27.53

Emission limits

(n) 3.45 GHz Service. The following emission limits apply to stations transmitting in the 3450-3550 MHz band:

(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC: §27.53

Emission limits

(l) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

TEST PROCEDURE

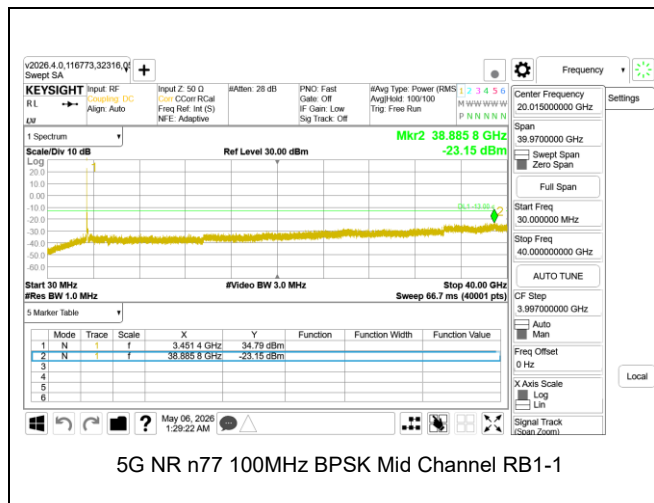
The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case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

For each out of band emissions measurement:

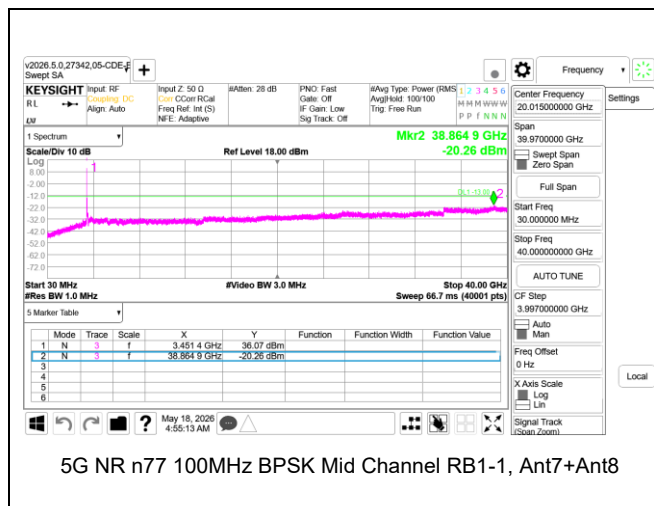
- Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

For MIMO modes are made using the measure and sum the spectra method E3)a)ii) / E)2)a) from KDB 662911 D01. The measurements for each antenna are stored in separate traces (i.e. trace 1 and trace 2). The spectrum analyzer's math function is used to perform a linear sum of powers of the two traces and store the result in trace 3. Trace 3 is compared to the in-band or out of band limit as applicable.

RESULTS

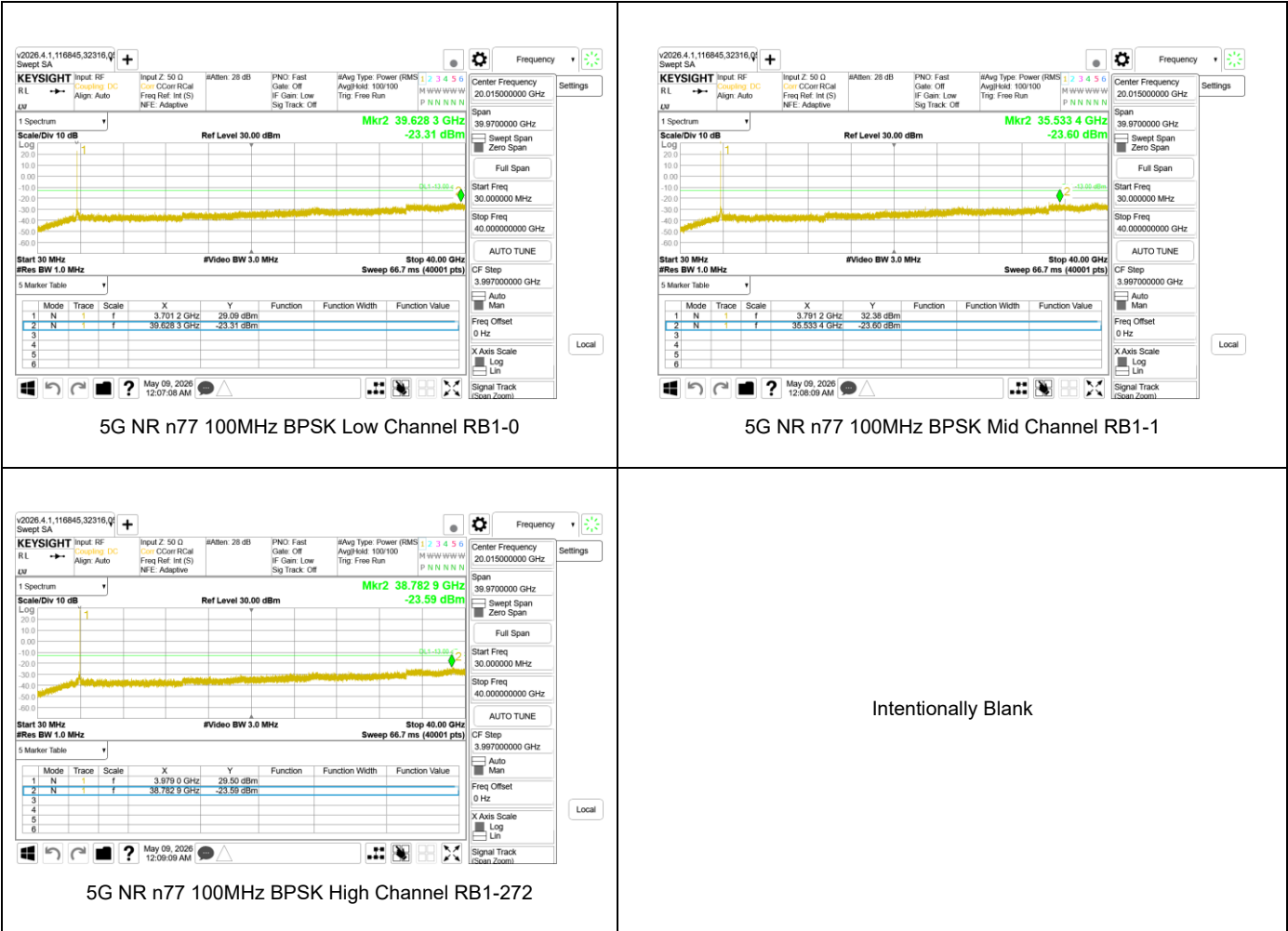
9.3.1. 5G NR n77 (FCC Part 27 3450-3550MHz, SISO)

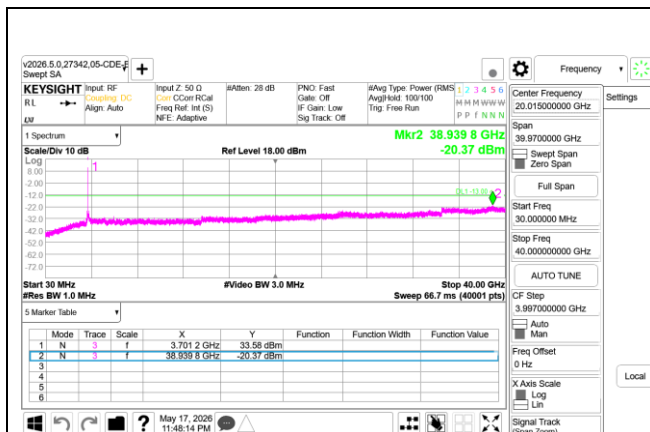
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9.3.2. 5G NR n77 (FCC Part 27 3450-3550MHz, MIMO)

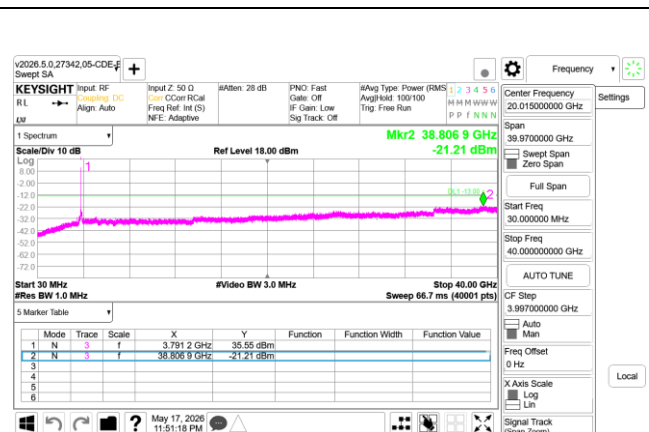
Intentionally Blank

9.3.3. 5G NR n77 (FCC Part 27 3700-3980MHz, SISO)

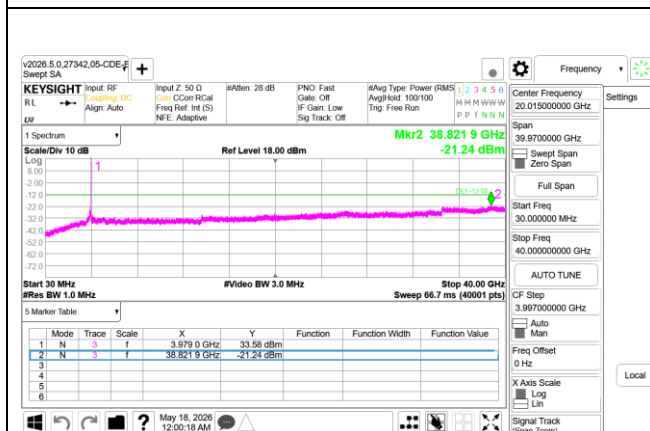


9.3.4. 5G NR n77 (FCC Part 27 3700-3980MHz, MIMO)

5G NR n77 100MHz BPSK Low Channel RB1-0, Ant7+Ant8



5G NR n77 100MHz BPSK Mid Channel RB1-1, Ant7+Ant8



5G NR n77 100MHz BPSK High Channel RB1-272, Ant7+Ant8

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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.

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, 2.85VDC.

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. 5G NR n77 (BPSK 100MHz BANDWIDTH, FCC Part 27 3450-3550MHz)

Test Engineer ID:	28774	Test Date:	5/14/2026
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Band	77	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		3450	3550			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage				Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Normal (20°C)	Normal	3451.1363	3547.7266			
Extreme (50°C)		3451.1363	3547.7266	-7.4	-0.002	Yes
Extreme (40°C)		3451.1363	3547.7266	-6.5	-0.002	Yes
Extreme (30°C)		3451.1363	3547.7266	7.5	0.002	Yes
Extreme (10°C)		3451.1363	3547.7266	5.6	0.002	Yes
Extreme (0°C)		3451.1363	3547.7266	-5.0	-0.001	Yes
Extreme (-10°C)		3451.1363	3547.7266	-5.3	-0.002	Yes
Extreme (-20°C)		3451.1363	3547.7266	4.0	0.001	Yes
Extreme (-30°C)		3451.1363	3547.7266	4.2	0.001	Yes
20°C	15%	3451.1363	3547.7266	-3.7	-0.001	Yes
	-15%	3451.1363	3547.7266	4.2	0.001	Yes
	End Point Voltage	3451.1363	3547.7266	5.6	0.002	Yes

9.4.2. 5G NR n77 (BPSK 100MHz BANDWIDTH, FCC Part 27 3700-3980MHz)

Test Engineer ID:	28774	Test Date:	5/14/2026
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Band	77	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		3700	3980		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)			
Temperature	Voltage					
Normal (20°C)	Normal	3701.1980	3977.6811			
Extreme (50°C)		3701.1980	3977.6811	4.6	0.001	Yes
Extreme (40°C)		3701.1980	3977.6811	-4.9	-0.001	Yes
Extreme (30°C)		3701.1980	3977.6811	6.5	0.002	Yes
Extreme (10°C)		3701.1980	3977.6811	3.3	0.001	Yes
Extreme (0°C)		3701.1980	3977.6811	-3.9	-0.001	Yes
Extreme (-10°C)		3701.1980	3977.6811	-4.1	-0.001	Yes
Extreme (-20°C)		3701.1980	3977.6811	-3.0	-0.001	Yes
Extreme (-30°C)		3701.1980	3977.6811	-4.3	-0.001	Yes
20°C	15%	3701.1980	3977.6811	-3.5	-0.001	Yes
	-15%	3701.1980	3977.6811	3.7	0.001	Yes
	End Point Voltage	3701.1980	3977.6811	4.3	0.001	Yes

9.5. PEAK-TO-AVERAGE POWER RATIO

LIMITS

FCC: §27.50

(k) (4) In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

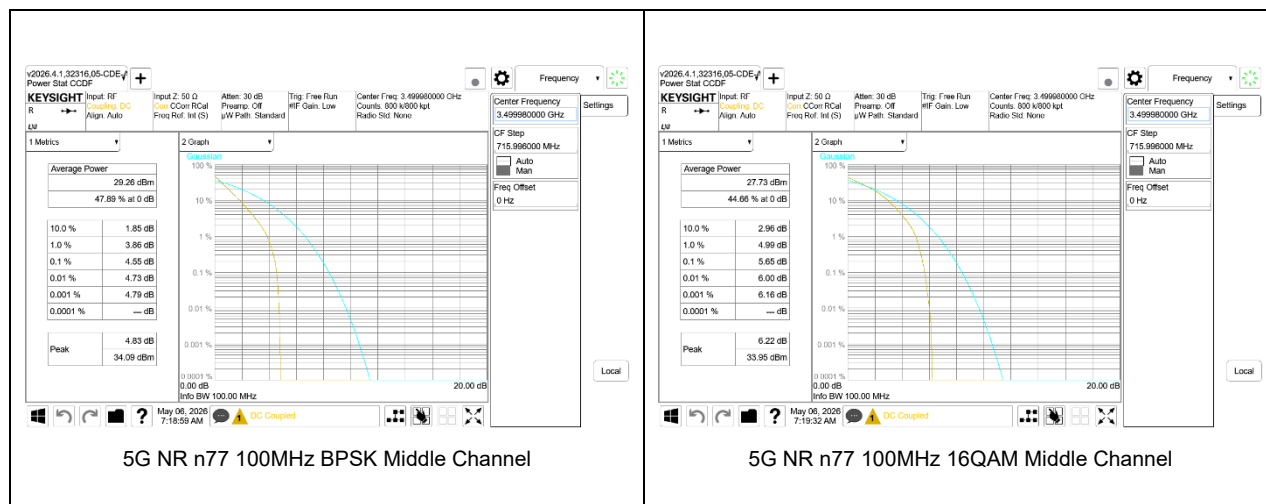
FCC: §27.50

(j) (4) In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

RESULT

The worst-case antenna port for conducted power shown in section 6.5. 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. 5G NR n77 (FCC Part 27 3450-3550MHz)

Test Engineer ID:	32316	Test Date:	2026-05-05
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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 n77	10MHz	3500.0	24	0	BPSK	33.51	29.06	4.45
					16QAM	34.10	28.10	6.01
	15MHz		36	0	BPSK	33.43	29.02	4.41
					16QAM	34.08	28.02	6.06
	20MHz		50	0	BPSK	33.60	29.02	4.58
					16QAM	34.18	28.03	6.15
	25MHz		64	0	BPSK	33.66	29.09	4.58
					16QAM	34.29	28.12	6.17
	30MHz		75	0	BPSK	34.16	29.69	4.47
					16QAM	34.19	28.02	6.17
	40MHz		100	0	BPSK	34.07	29.03	5.04
					16QAM	34.66	28.62	6.04
	50MHz		128	0	BPSK	34.15	29.58	4.57
					16QAM	34.20	27.80	6.40
	60MHz		162	0	BPSK	33.81	29.23	4.58
					16QAM	33.97	27.71	6.26
	70MHz		180	0	BPSK	33.85	29.25	4.61
					16QAM	33.94	27.72	6.22
	80MHz		216	0	BPSK	34.15	29.26	4.89
					16QAM	33.94	27.75	6.19
	90MHz		243	0	BPSK	33.98	29.28	4.70
					16QAM	33.96	27.75	6.21
	100MHz		270	0	BPSK	34.09	29.26	4.83
					16QAM	33.95	27.73	6.23
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 n77 (FCC Part 27 3700-3980MHz)

Test Engineer ID:	32316	Test Date:	2026-05-05
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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 n77	10MHz	3840.0	24	0	BPSK	33.96	29.52	4.44
					16QAM	33.77	28.02	5.75
	15MHz		36	0	BPSK	33.82	29.38	4.44
					16QAM	33.85	27.96	5.89
	20MHz		50	0	BPSK	34.00	29.44	4.56
					16QAM	34.03	28.04	5.99
	25MHz		64	0	BPSK	34.24	29.53	4.71
					16QAM	34.14	28.04	6.10
	30MHz		75	0	BPSK	33.98	29.56	4.42
					16QAM	34.10	28.07	6.03
	40MHz		100	0	BPSK	34.22	29.49	4.73
					16QAM	34.08	28.04	6.04
	50MHz		128	0	BPSK	34.05	29.52	4.53
					16QAM	33.98	28.08	5.90
	60MHz		162	0	BPSK	33.83	29.51	4.32
					16QAM	33.91	28.06	5.85
	70MHz		180	0	BPSK	33.76	29.49	4.28
					16QAM	34.03	28.06	5.97
	80MHz		216	0	BPSK	34.01	29.52	4.49
					16QAM	33.86	28.08	5.78
	90MHz		243	0	BPSK	33.86	29.54	4.33
					16QAM	33.87	28.08	5.79
	100MHz		270	0	BPSK	34.11	29.53	4.58
					16QAM	34.17	28.10	6.07
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: §27.53

Emission limits

(n) 3.45 GHz Service. The following emission limits apply to stations transmitting in the 3450-3550 MHz band:

(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC: §27.53

(l) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

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.

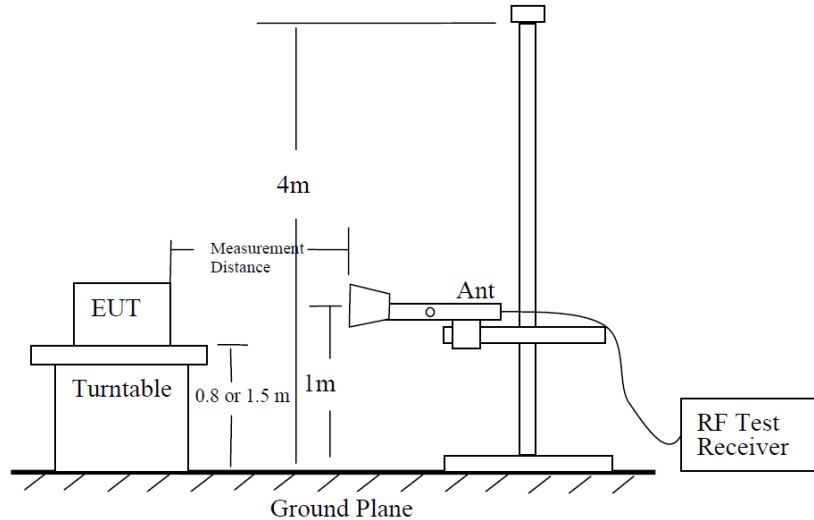


Figure 6—Test site-up for radiated ERP and/or EIRP measurements

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.

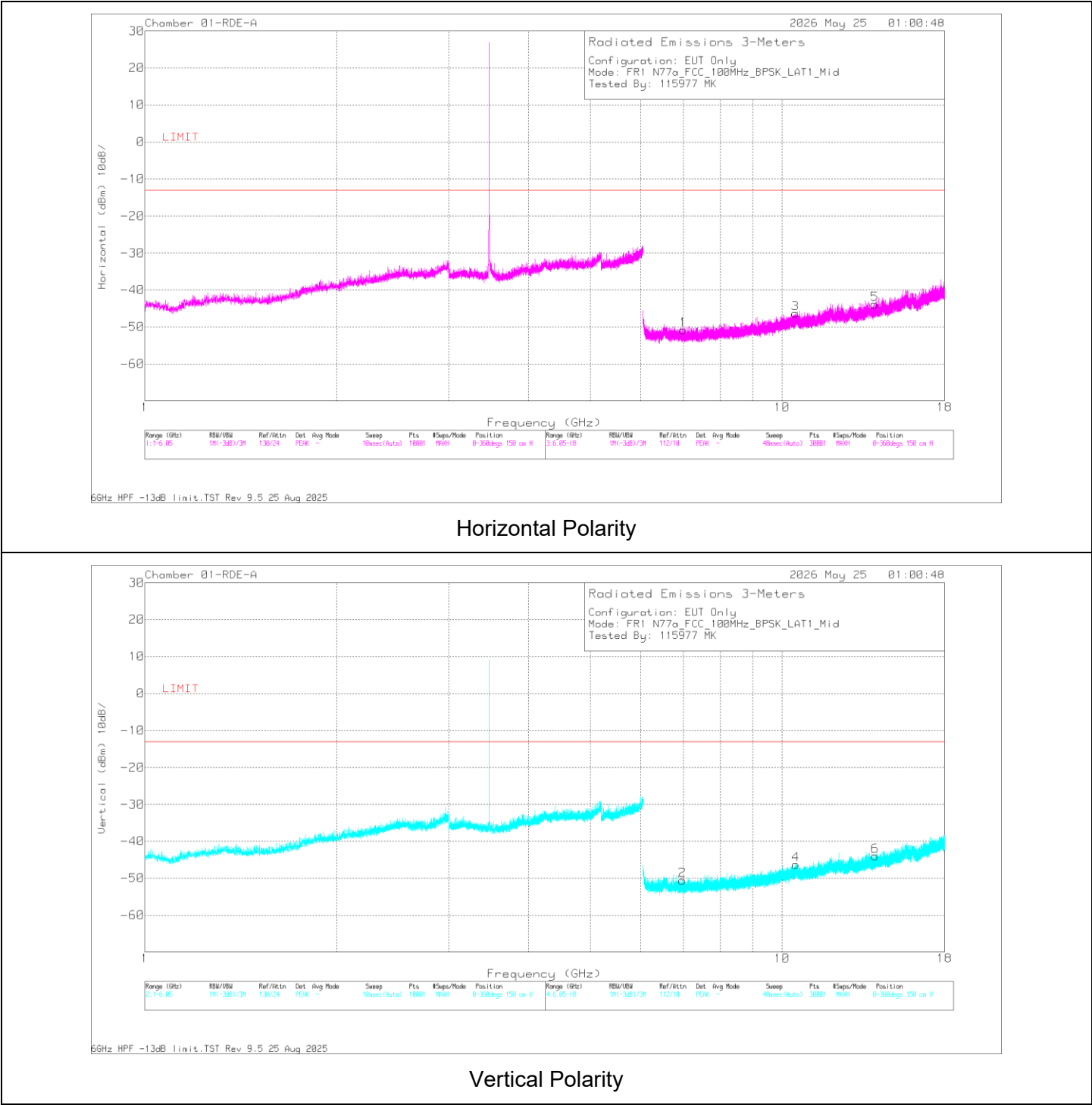
So, from d)

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	200785 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
7.006796	48.50	Pk	35.7	-95.2	-39.84	-50.84	-13	-37.84	H
6.981701	48.75	Pk	35.7	-95.2	-39.77	-50.52	-13	-37.52	V
10.491015	48.70	Pk	38.0	-95.2	-37.87	-46.37	-13	-33.37	H
10.516508	48.20	Pk	38.0	-95.2	-37.35	-46.35	-13	-33.35	V
13.990370	47.24	Pk	39.7	-95.2	-35.64	-43.90	-13	-30.90	H
14.011880	47.17	Pk	39.7	-95.2	-35.72	-44.05	-13	-31.05	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. 5G NR n77 (FCC Part 27 3450-3550MHz, SISO)

Configuration:	EUT Only
Mode:	5G NR n77 100MHz BPSK SISO

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
5/25/2026	115977	01-RDE-A	Mid Ch 3500	7	7.006796	48.50	Pk	35.7	-95.2	-39.84	-50.84	-13	-37.84	H
					6.981701	48.75	Pk	35.7	-95.2	-39.77	-50.52	-13	-37.52	V
					10.491015	48.70	Pk	38.0	-95.2	-37.87	-46.37	-13	-33.37	H
					10.516508	48.20	Pk	38.0	-95.2	-37.35	-46.35	-13	-33.35	V
					13.990370	47.24	Pk	39.7	-95.2	-35.64	-43.90	-13	-30.90	H
14.011880	47.17	Pk		39.7	-95.2	-35.72	-44.05	-13	-31.05	V				
5/25/2026	115977	01-RDE-A		4	7.005601	49.25	Pk	35.7	-95.2	-39.86	-50.11	-13	-37.11	H
					7.009186	49.64	Pk	35.7	-95.2	-39.83	-49.69	-13	-36.69	V
					10.514516	48.44	Pk	38.0	-95.2	-37.42	-46.18	-13	-33.18	H
					10.506948	48.45	Pk	38.0	-95.2	-37.63	-46.38	-13	-33.38	V
					14.002718	47.16	Pk	39.7	-95.2	-35.72	-44.06	-13	-31.06	H
14.019847	47.65	Pk		39.7	-95.2	-35.60	-43.45	-13	-30.45	V				
5/25/2026	115977	01-RDE-A		9	7.011178	48.26	Pk	35.7	-95.2	-39.84	-51.08	-13	-38.08	H
					7.001618	48.54	Pk	35.7	-95.2	-39.94	-50.90	-13	-37.90	V
					10.519296	47.80	Pk	38.0	-95.2	-37.25	-46.65	-13	-33.65	H
					10.516707	47.44	Pk	38.0	-95.2	-37.34	-47.10	-13	-34.10	V
					13.982802	47.82	Pk	39.7	-95.2	-35.56	-43.24	-13	-30.24	H
13.990768	46.41	Pk		39.7	-95.2	-35.64	-44.73	-13	-31.73	V				
5/25/2026	115977	01-RDE-A		8	7.002016	47.05	Pk	35.7	-95.2	-39.93	-52.38	-13	-39.38	H
					7.003211	47.60	Pk	35.7	-95.2	-39.91	-51.81	-13	-38.81	V
					10.497388	47.48	Pk	38.0	-95.2	-37.84	-47.56	-13	-34.56	H
					10.498583	47.88	Pk	38.0	-95.2	-37.80	-47.12	-13	-34.12	V
					14.004710	46.41	Pk	39.7	-95.2	-35.68	-44.77	-13	-31.77	H
13.997540	47.64	Pk	39.7	-95.2	-35.75	-43.61	-13	-30.61	V					

10.1.2. 5G NR n77 (FCC Part 27 3450-3550MHz, MIMO)

Configuration:	EUT Only
Mode:	5G NR n77 100MHz BPSK MIMO

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
5/31/2026	115977	01-RDE-A	Mid Ch 3500	7+4	7.012771	48.05	Pk	35.7	-95.2	-39.84	-51.29	-13	-38.29	H
					7.003211	49.14	Pk	35.7	-95.2	-39.91	-50.27	-13	-37.27	V
					10.483446	47.69	Pk	38.0	-95.2	-37.89	-47.40	-13	-34.40	H
					10.494201	48.50	Pk	38.0	-95.2	-37.88	-46.58	-13	-33.58	V
					13.987582	46.23	Pk	39.7	-95.2	-35.59	-44.86	-13	-31.86	H
					13.985590	47.40	Pk	39.7	-95.2	-35.55	-43.65	-13	-30.65	V
5/31/2026	115977	01-RDE-A		7+9	6.996041	49.33	Pk	35.7	-95.2	-39.91	-50.08	-13	-37.08	H
					7.000423	49.33	Pk	35.7	-95.2	-39.96	-50.13	-13	-37.13	V
					10.508541	47.71	Pk	38.0	-95.2	-37.59	-47.08	-13	-34.08	H
					10.502566	47.98	Pk	38.0	-95.2	-37.74	-46.96	-13	-33.96	V
					14.001922	47.41	Pk	39.7	-95.2	-35.72	-43.81	-13	-30.81	H
					14.003913	46.52	Pk	39.7	-95.2	-35.68	-44.66	-13	-31.66	V
5/31/2026	115977	01-RDE-A		7+8	6.998431	48.25	Pk	35.7	-95.2	-39.95	-51.20	-13	-38.20	H
					7.010779	48.27	Pk	35.7	-95.2	-39.84	-51.07	-13	-38.07	V
					10.502168	48.17	Pk	38.0	-95.2	-37.73	-46.76	-13	-33.76	H
					10.492608	47.94	Pk	38.0	-95.2	-37.89	-47.15	-13	-34.15	V
					13.996345	46.86	Pk	39.7	-95.2	-35.74	-44.38	-13	-31.38	H
					13.994353	46.45	Pk	39.7	-95.2	-35.71	-44.76	-13	-31.76	V
5/31/2026	115977	01-RDE-A		9+4	7.007194	48.49	Pk	35.7	-95.2	-39.84	-50.85	-13	-37.85	H
					7.000821	48.57	Pk	35.7	-95.2	-39.95	-50.88	-13	-37.88	V
					10.501770	48.23	Pk	38.0	-95.2	-37.74	-46.71	-13	-33.71	H
					10.484243	48.06	Pk	38.0	-95.2	-37.87	-47.01	-13	-34.01	V
					14.003913	47.08	Pk	39.7	-95.2	-35.68	-44.10	-13	-31.10	H
					13.989175	47.40	Pk	39.7	-95.2	-35.66	-43.76	-13	-30.76	V
5/31/2026	115977	01-RDE-A		9+8	6.998033	49.23	Pk	35.7	-95.2	-39.95	-50.22	-13	-37.22	H
					6.994846	48.97	Pk	35.7	-95.2	-39.87	-50.40	-13	-37.40	V
					10.506550	48.43	Pk	38.0	-95.2	-37.65	-46.42	-13	-33.42	H
					10.508143	47.78	Pk	38.0	-95.2	-37.60	-47.02	-13	-34.02	V
					14.012278	46.86	Pk	39.7	-95.2	-35.73	-44.37	-13	-31.37	H
					14.009490	47.36	Pk	39.7	-95.2	-35.68	-43.82	-13	-30.82	V
5/31/2026	115977	01-RDE-A		8+4	6.994846	49.44	Pk	35.7	-95.2	-39.87	-49.93	-13	-36.93	H
					6.999228	48.30	Pk	35.7	-95.2	-39.94	-51.14	-13	-38.14	V
					10.506550	47.94	Pk	38.0	-95.2	-37.65	-46.91	-13	-33.91	H
					10.494600	48.86	Pk	38.0	-95.2	-37.87	-46.21	-13	-33.21	V
					14.003913	47.04	Pk	39.7	-95.2	-35.68	-44.14	-13	-31.14	H
					13.988378	47.72	Pk	39.7	-95.2	-35.62	-43.40	-13	-30.40	V

10.1.3. 5G NR n77 (FCC Part 27 3700-3980MHz, SISO)

Configuration:	EUT Only
Mode:	5G NR n77 100MHz BPSK SISO

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
5/24/2026	45258	01-RDE-A	Low Ch 3750	7	7.499135	47.56	Pk	35.8	-95.2	-39.19	-51.03	-13	-38.03	H
					7.503119	47.57	Pk	35.8	-95.2	-39.12	-50.95	-13	-37.95	V
					11.251034	46.76	Pk	38.4	-95.2	-37.34	-47.38	-13	-34.38	H
					11.252627	47.02	Pk	38.4	-95.2	-37.30	-47.08	-13	-34.08	V
					15.001738	46.67	Pk	40.7	-95.2	-35.30	-43.13	-13	-30.13	H
					15.000941	46.26	Pk	40.7	-95.2	-35.22	-43.46	-13	-30.46	V
			Mid Ch 3840		7.681572	47.02	Pk	35.9	-95.2	-38.94	-51.22	-13	-38.22	H
					7.683165	47.83	Pk	35.9	-95.2	-38.95	-50.42	-13	-37.42	V
					11.520307	46.28	Pk	38.7	-95.2	-37.07	-47.29	-13	-34.29	H
					11.519909	46.81	Pk	38.7	-95.2	-37.05	-46.74	-13	-33.74	V
					15.361831	45.94	Pk	40.9	-95.2	-35.15	-43.51	-13	-30.51	H
					15.361034	46.91	Pk	40.9	-95.2	-35.10	-42.49	-13	-29.49	V
			High Ch 3930		7.857237	47.83	Pk	35.9	-95.2	-38.89	-50.36	-13	-37.36	H
					7.860025	47.54	Pk	36.0	-95.2	-38.86	-50.52	-13	-37.52	V
					11.790775	46.35	Pk	39.2	-95.2	-36.94	-46.59	-13	-33.59	H
					11.786792	47.59	Pk	39.2	-95.2	-36.83	-45.24	-13	-32.24	V
					15.722720	46.78	Pk	41.3	-95.2	-33.80	-40.92	-13	-27.92	H
					15.717542	47.31	Pk	41.3	-95.2	-33.92	-40.51	-13	-27.51	V
5/20/2026	25019	03-RDE-B	Low Ch 3750	4	7.678784	47.36	Pk	35.9	-95.2	-38.87	-50.81	-13	-37.81	H
					7.679979	47.63	Pk	35.9	-95.2	-38.91	-50.58	-13	-37.58	V
					11.516324	47.79	Pk	38.7	-95.2	-37.07	-45.78	-13	-32.78	H
					11.522697	46.71	Pk	38.7	-95.2	-37.06	-46.85	-13	-33.85	V
					15.367806	46.68	Pk	40.9	-95.2	-35.09	-42.71	-13	-29.71	H
					15.367407	45.81	Pk	40.9	-95.2	-35.10	-43.59	-13	-30.59	V
			Mid Ch 3840		7.681174	47.49	Pk	35.9	-95.2	-38.93	-50.74	-13	-37.74	H
					7.676394	47.79	Pk	35.9	-95.2	-38.80	-50.31	-13	-37.31	V
					11.522299	46.90	Pk	38.7	-95.2	-37.06	-46.66	-13	-33.66	H
					11.520705	47.26	Pk	38.7	-95.2	-37.09	-46.33	-13	-33.33	V
					15.721924	46.65	Pk	41.3	-95.2	-33.84	-41.09	-13	-28.09	H
					15.725509	46.34	Pk	41.3	-95.2	-33.82	-41.38	-13	-28.38	V
			High Ch 3930		7.858432	47.21	Pk	36.0	-95.2	-38.86	-50.85	-13	-37.85	H
					7.857237	47.13	Pk	35.9	-95.2	-38.89	-51.06	-13	-38.06	V
					11.795555	46.77	Pk	39.2	-95.2	-37.01	-46.24	-13	-33.24	H
					11.788784	47.55	Pk	39.2	-95.2	-36.85	-45.30	-13	-32.30	V
					15.723119	46.15	Pk	41.3	-95.2	-33.79	-41.54	-13	-28.54	H
					15.721127	46.43	Pk	41.3	-95.2	-33.89	-41.36	-13	-28.36	V

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
5/25/2026	115977	01-RDE-A	Low Ch 3750	9	7.502720	47.31	Pk	35.8	-95.2	-39.13	-51.22	-13	-38.22	H
					7.491169	48.72	Pk	35.8	-95.2	-39.27	-49.95	-13	-36.95	V
					11.251831	47.41	Pk	38.4	-95.2	-37.33	-46.72	-13	-33.72	H
					11.256411	47.31	Pk	38.4	-95.2	-37.24	-46.73	-13	-33.73	V
					15.013289	46.64	Pk	40.7	-95.2	-35.21	-43.07	-13	-30.07	H
					15.006119	47.57	Pk	40.7	-95.2	-35.27	-42.20	-13	-29.20	V
			7.681174		46.78	Pk	35.9	-95.2	-38.93	-51.45	-13	-38.45	H	
			7.681174		46.98	Pk	35.9	-95.2	-38.93	-51.25	-13	-38.25	V	
			11.517917		46.96	Pk	38.7	-95.2	-37.09	-46.63	-13	-33.63	H	
			11.519909		46.13	Pk	38.7	-95.2	-37.05	-47.42	-13	-34.42	V	
			15.370594		45.63	Pk	40.8	-95.2	-35.11	-43.88	-13	-30.88	H	
			15.367009		46.14	Pk	40.9	-95.2	-35.12	-43.28	-13	-30.28	V	
			7.867593		47.15	Pk	36.0	-95.2	-38.81	-50.86	-13	-37.86	H	
			7.866797		47.60	Pk	36.0	-95.2	-38.80	-50.40	-13	-37.40	V	
			11.776435		47.85	Pk	39.2	-95.2	-36.48	-44.63	-13	-31.63	H	
			11.785597		47.99	Pk	39.2	-95.2	-36.76	-44.77	-13	-31.77	V	
			15.724314		46.54	Pk	41.3	-95.2	-33.84	-41.20	-13	-28.20	H	
			15.731882		47.40	Pk	41.2	-95.2	-33.87	-40.47	-13	-27.47	V	
5/25/2026	115977	01-RDE-A	Low Ch 3750	8	7.504712	48.43	Pk	35.8	-95.2	-39.16	-50.13	-13	-37.13	H
					7.517459	48.21	Pk	35.8	-95.2	-38.99	-50.18	-13	-37.18	V
					11.250237	47.72	Pk	38.4	-95.2	-37.34	-46.42	-13	-33.42	H
					11.243466	48.51	Pk	38.3	-95.2	-37.25	-45.64	-13	-32.64	V
					15.013688	47.04	Pk	40.7	-95.2	-35.21	-42.67	-13	-29.67	H
					14.987796	47.38	Pk	40.7	-95.2	-34.90	-42.02	-13	-29.02	V
			7.682767		48.34	Pk	35.9	-95.2	-38.95	-49.91	-13	-36.91	H	
			7.674402		48.46	Pk	35.9	-95.2	-38.79	-49.63	-13	-36.63	V	
			11.516324		47.79	Pk	38.7	-95.2	-37.07	-45.78	-13	-32.78	H	
			11.529070		47.96	Pk	38.7	-95.2	-37.00	-45.54	-13	-32.54	V	
			15.350677		47.38	Pk	40.8	-95.2	-35.19	-42.21	-13	-29.21	H	
			15.364619		47.08	Pk	40.9	-95.2	-35.10	-42.32	-13	-29.32	V	
			7.872373		49.58	Pk	36.0	-95.2	-38.78	-48.40	-13	-35.40	H	
			7.855245		47.80	Pk	35.9	-95.2	-38.87	-50.37	-13	-37.37	V	
			11.779224		47.12	Pk	39.2	-95.2	-36.53	-45.41	-13	-32.41	H	
			11.782809		48.08	Pk	39.2	-95.2	-36.63	-44.55	-13	-31.55	V	
			15.721525		47.14	Pk	41.3	-95.2	-33.87	-40.63	-13	-27.63	H	
			15.720330		46.75	Pk	41.3	-95.2	-33.91	-41.06	-13	-28.06	V	

10.1.4. 5G NR n77 (FCC Part 27 3700-3980MHz, MIMO)

Configuration:	EUT Only
Mode:	5G NR n77 100MHz BPSK MIMO

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
5/31/2026	45258	01-RDE-A	Low Ch 3750	7+4	7.500330	48.93	Pk	35.8	-95.2	-39.18	-49.65	-13	-36.65	H
					7.503119	46.55	Pk	35.8	-95.2	-39.12	-51.97	-13	-38.97	V
					11.249441	46.96	Pk	38.3	-95.2	-37.35	-47.29	-13	-34.29	H
					11.249441	48.01	Pk	38.3	-95.2	-37.35	-46.24	-13	-33.24	V
					15.003729	46.87	Pk	40.7	-95.2	-35.23	-42.86	-13	-29.86	H
					15.000144	46.23	Pk	40.7	-95.2	-35.25	-43.52	-13	-30.52	V
			7.677987		46.76	Pk	35.9	-95.2	-38.84	-51.38	-13	-38.38	H	
			7.679580		47.48	Pk	35.9	-95.2	-38.90	-50.72	-13	-37.72	V	
			11.520705		47.53	Pk	38.7	-95.2	-37.09	-46.06	-13	-33.06	H	
			11.518315		47.00	Pk	38.7	-95.2	-37.08	-46.58	-13	-33.58	V	
			15.360237		46.10	Pk	40.9	-95.2	-35.14	-43.34	-13	-30.34	H	
			15.357847		45.24	Pk	40.9	-95.2	-35.13	-44.19	-13	-31.19	V	
			7.861618		47.54	Pk	36.0	-95.2	-38.83	-50.49	-13	-37.49	H	
			7.860822		47.22	Pk	36.0	-95.2	-38.84	-50.82	-13	-37.82	V	
			11.786394		46.90	Pk	39.2	-95.2	-36.80	-45.90	-13	-32.90	H	
			11.791970		46.86	Pk	39.2	-95.2	-36.91	-46.05	-13	-33.05	V	
			15.722720		45.03	Pk	41.3	-95.2	-33.80	-42.67	-13	-29.67	H	
			15.720729		45.32	Pk	41.3	-95.2	-33.90	-42.48	-13	-29.48	V	
6/1/2026	45258	01-RDE-A	Low Ch 3750	7+9	7.501127	48.51	Pk	35.8	-95.2	-39.15	-50.04	-13	-37.04	H
					7.499932	47.07	Pk	35.8	-95.2	-39.19	-51.52	-13	-38.52	V
					11.253424	46.83	Pk	38.4	-95.2	-37.30	-47.27	-13	-34.27	H
					11.253026	46.52	Pk	38.4	-95.2	-37.29	-47.57	-13	-34.57	V
					14.998551	46.77	Pk	40.7	-95.2	-35.20	-42.93	-13	-29.93	H
					15.002534	47.04	Pk	40.7	-95.2	-35.29	-42.75	-13	-29.75	V
			7.678784		47.23	Pk	35.9	-95.2	-38.87	-50.94	-13	-37.94	H	
			7.680377		48.81	Pk	35.9	-95.2	-38.91	-49.40	-13	-36.40	V	
			11.520705		48.12	Pk	38.7	-95.2	-37.09	-45.47	-13	-32.47	H	
			11.518714		47.62	Pk	38.7	-95.2	-37.06	-45.94	-13	-32.94	V	
			15.361034		45.52	Pk	40.9	-95.2	-35.10	-43.88	-13	-30.88	H	
			15.358246		46.66	Pk	40.9	-95.2	-35.15	-42.79	-13	-29.79	V	
			7.865203		47.48	Pk	36.0	-95.2	-38.79	-50.51	-13	-37.51	H	
			7.858432		47.35	Pk	36.0	-95.2	-38.86	-50.71	-13	-37.71	V	
			11.790775		46.51	Pk	39.2	-95.2	-36.94	-46.43	-13	-33.43	H	
			11.792767		46.58	Pk	39.2	-95.2	-36.96	-46.38	-13	-33.38	V	
			15.719135		45.37	Pk	41.3	-95.2	-33.89	-42.42	-13	-29.42	H	
			15.723517		46.29	Pk	41.3	-95.2	-33.82	-41.43	-13	-28.43	V	

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
6/1/2026	45258	01-RDE-A	Low Ch 3750	7+8	7.497144	47.84	Pk	35.8	-95.2	-39.25	-50.81	-13	-37.81	H
					7.502322	46.94	Pk	35.8	-95.2	-39.13	-51.59	-13	-38.59	V
					11.254221	47.78	Pk	38.4	-95.2	-37.32	-46.34	-13	-33.34	H
					11.246254	48.58	Pk	38.3	-95.2	-37.31	-45.63	-13	-32.63	V
					15.716347	46.18	Pk	41.3	-95.2	-33.95	-41.67	-13	-28.67	H
					15.715749	45.82	Pk	41.3	-95.2	-33.95	-42.03	-13	-29.03	V
			7.677987		47.02	Pk	35.9	-95.2	-38.84	-51.12	-13	-38.12	H	
			7.683962		48.10	Pk	35.9	-95.2	-38.97	-50.17	-13	-37.17	V	
			11.523095		46.15	Pk	38.7	-95.2	-37.06	-47.41	-13	-34.41	H	
			11.517519		46.72	Pk	38.7	-95.2	-37.08	-46.86	-13	-33.86	V	
			15.359441		45.36	Pk	40.9	-95.2	-35.17	-44.11	-13	-31.11	H	
			15.362627		46.39	Pk	40.9	-95.2	-35.11	-43.02	-13	-30.02	V	
			7.855643		47.89	Pk	35.9	-95.2	-38.87	-50.28	-13	-37.28	H	
			7.858033		46.98	Pk	36.0	-95.2	-38.86	-51.08	-13	-38.08	V	
			11.787190		46.66	Pk	39.2	-95.2	-36.84	-46.18	-13	-33.18	H	
			11.790377		46.62	Pk	39.2	-95.2	-36.95	-46.33	-13	-33.33	V	
			15.722322		45.71	Pk	41.3	-95.2	-33.82	-42.01	-13	-29.01	H	
			15.718339		46.02	Pk	41.3	-95.2	-33.90	-41.78	-13	-28.78	V	
6/1/2026	45258	01-RDE-A	Low Ch 3750	9+4	7.497940	48.08	Pk	35.8	-95.2	-39.25	-50.57	-13	-37.57	H
					7.502322	47.88	Pk	35.8	-95.2	-39.13	-50.65	-13	-37.65	V
					11.253822	46.88	Pk	38.4	-95.2	-37.31	-47.23	-13	-34.23	H
					11.250237	46.88	Pk	38.4	-95.2	-37.34	-47.26	-13	-34.26	V
					14.999348	46.91	Pk	40.7	-95.2	-35.24	-42.83	-13	-29.83	H
					14.998551	46.67	Pk	40.7	-95.2	-35.20	-43.03	-13	-30.03	V
			7.683165		48.15	Pk	35.9	-95.2	-38.95	-50.10	-13	-37.10	H	
			7.683564		47.68	Pk	35.9	-95.2	-38.96	-50.58	-13	-37.58	V	
			11.522697		47.63	Pk	38.7	-95.2	-37.06	-45.93	-13	-32.93	H	
			11.522299		47.02	Pk	38.7	-95.2	-37.06	-46.54	-13	-33.54	V	
			15.365814		46.07	Pk	40.9	-95.2	-35.11	-43.34	-13	-30.34	H	
			15.365416		46.09	Pk	40.9	-95.2	-35.10	-43.31	-13	-30.31	V	
			7.863212		47.75	Pk	36.0	-95.2	-38.81	-50.26	-13	-37.26	H	
			7.858830		48.25	Pk	36.0	-95.2	-38.86	-49.81	-13	-36.81	V	
			11.785995		46.89	Pk	39.2	-95.2	-36.78	-45.89	-13	-32.89	H	
			11.785995		46.59	Pk	39.2	-95.2	-36.78	-46.19	-13	-33.19	V	
			15.722322		46.17	Pk	41.3	-95.2	-33.82	-41.55	-13	-28.55	H	
			15.721525		45.59	Pk	41.3	-95.2	-33.87	-42.18	-13	-29.18	V	

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
6/1/2026	115702	01-RDE-A	Low Ch 3750	9+8	7.498737	48.19	Pk	35.8	-95.2	-39.21	-50.42	-13	-37.42	H
					7.497542	47.30	Pk	35.8	-95.2	-39.25	-51.35	-13	-38.35	V
					11.247449	46.69	Pk	38.3	-95.2	-37.37	-47.58	-13	-34.58	H
					11.245856	46.82	Pk	38.3	-95.2	-37.29	-47.37	-13	-34.37	V
					15.002534	46.95	Pk	40.7	-95.2	-35.29	-42.84	-13	-29.84	H
					15.004526	45.52	Pk	40.7	-95.2	-35.27	-44.25	-13	-31.25	V
			7.680775		47.93	Pk	35.9	-95.2	-38.92	-50.29	-13	-37.29	H	
			7.680775		46.67	Pk	35.9	-95.2	-38.92	-51.55	-13	-38.55	V	
			11.517120		46.81	Pk	38.7	-95.2	-37.06	-46.75	-13	-33.75	H	
			11.516722		46.71	Pk	38.7	-95.2	-37.06	-46.85	-13	-33.85	V	
			15.369797		46.17	Pk	40.9	-95.2	-35.09	-43.22	-13	-30.22	H	
			15.368602		46.20	Pk	40.9	-95.2	-35.10	-43.20	-13	-30.20	V	
			7.869983		46.09	Pk	36.0	-95.2	-38.81	-51.92	-13	-38.92	H	
			7.870780		46.61	Pk	36.0	-95.2	-38.79	-51.38	-13	-38.38	V	
			11.798742		46.18	Pk	39.2	-95.2	-37.02	-46.84	-13	-33.84	H	
			11.797149		46.20	Pk	39.2	-95.2	-37.05	-46.85	-13	-33.85	V	
			15.717940		46.23	Pk	41.3	-95.2	-33.90	-41.57	-13	-28.57	H	
			15.714355		46.11	Pk	41.3	-95.2	-33.96	-41.75	-13	-28.75	V	
6/1/2026	115702	01-RDE-A	Low Ch 3750	8+4	7.498339	46.93	Pk	35.8	-95.2	-39.23	-51.70	-13	-38.70	H
					7.497542	47.10	Pk	35.8	-95.2	-39.25	-51.55	-13	-38.55	V
					11.244262	46.70	Pk	38.3	-95.2	-37.27	-47.47	-13	-34.47	H
					11.247449	46.74	Pk	38.3	-95.2	-37.37	-47.53	-13	-34.53	V
					15.005323	45.50	Pk	40.7	-95.2	-35.30	-44.30	-13	-31.30	H
					15.004128	46.08	Pk	40.7	-95.2	-35.23	-43.65	-13	-30.65	V
			7.687945		48.47	Pk	35.9	-95.2	-38.92	-49.75	-13	-36.75	H	
			7.694717		49.09	Pk	35.9	-95.2	-38.94	-49.15	-13	-36.15	V	
			11.535643		47.47	Pk	38.7	-95.2	-37.19	-46.22	-13	-33.22	H	
			11.532257		47.53	Pk	38.7	-95.2	-37.11	-46.08	-13	-33.08	V	
			15.370992		46.88	Pk	40.8	-95.2	-35.13	-42.65	-13	-29.65	H	
			15.358246		46.78	Pk	40.9	-95.2	-35.15	-42.67	-13	-29.67	V	
			7.853652		46.51	Pk	35.9	-95.2	-38.87	-51.66	-13	-38.66	H	
			7.855245		47.06	Pk	35.9	-95.2	-38.87	-51.11	-13	-38.11	V	
			11.799539		47.38	Pk	39.2	-95.2	-37.03	-45.65	-13	-32.65	H	
			11.801132		46.08	Pk	39.2	-95.2	-37.08	-47.00	-13	-34.00	V	
			15.716745		45.43	Pk	41.3	-95.2	-33.94	-42.41	-13	-29.41	H	
			15.715949		46.17	Pk	41.3	-95.2	-33.95	-41.68	-13	-28.68	V	

11. SETUP PHOTOS

Refer to 15922168-EP1 for setup photos.

END OF REPORT