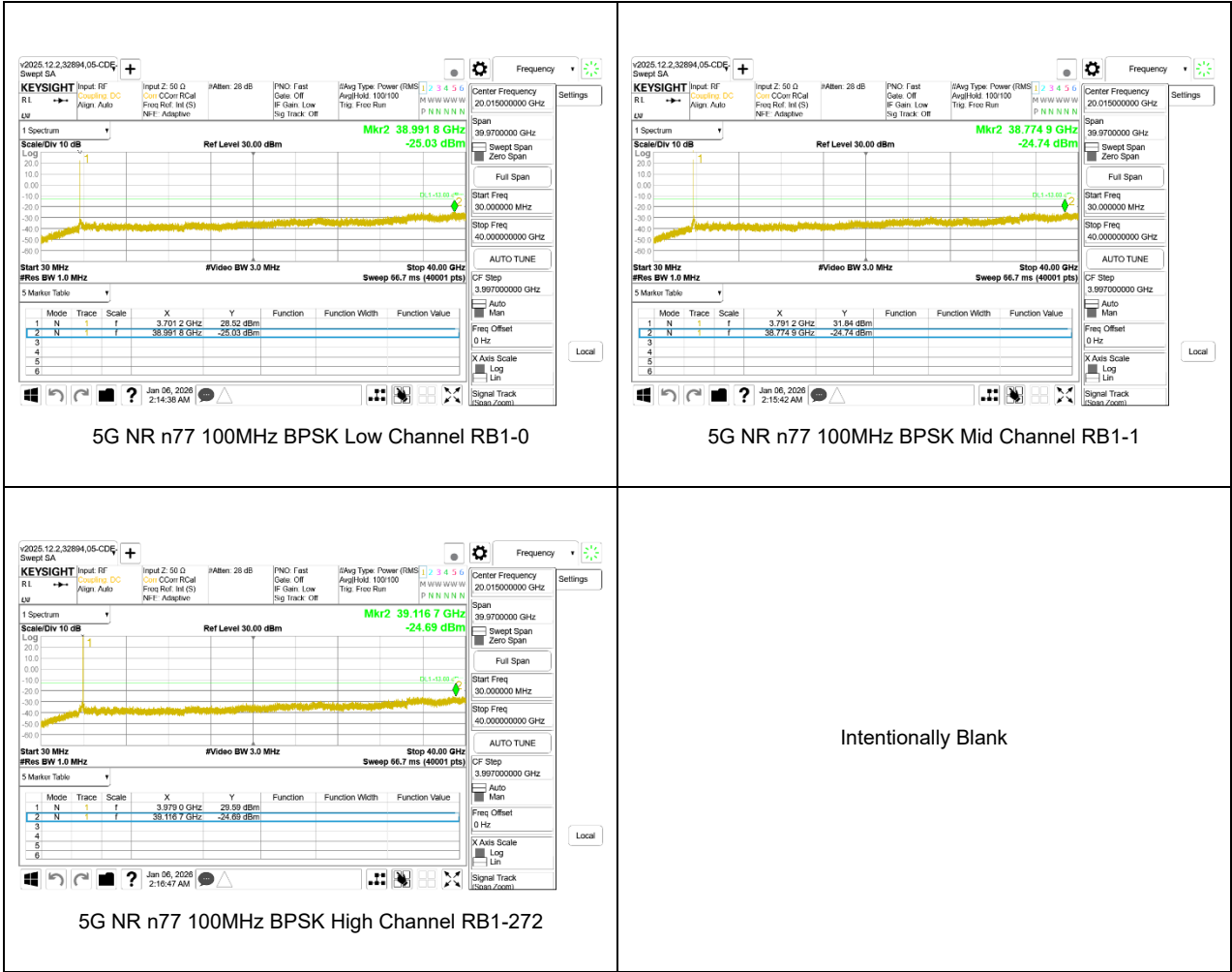
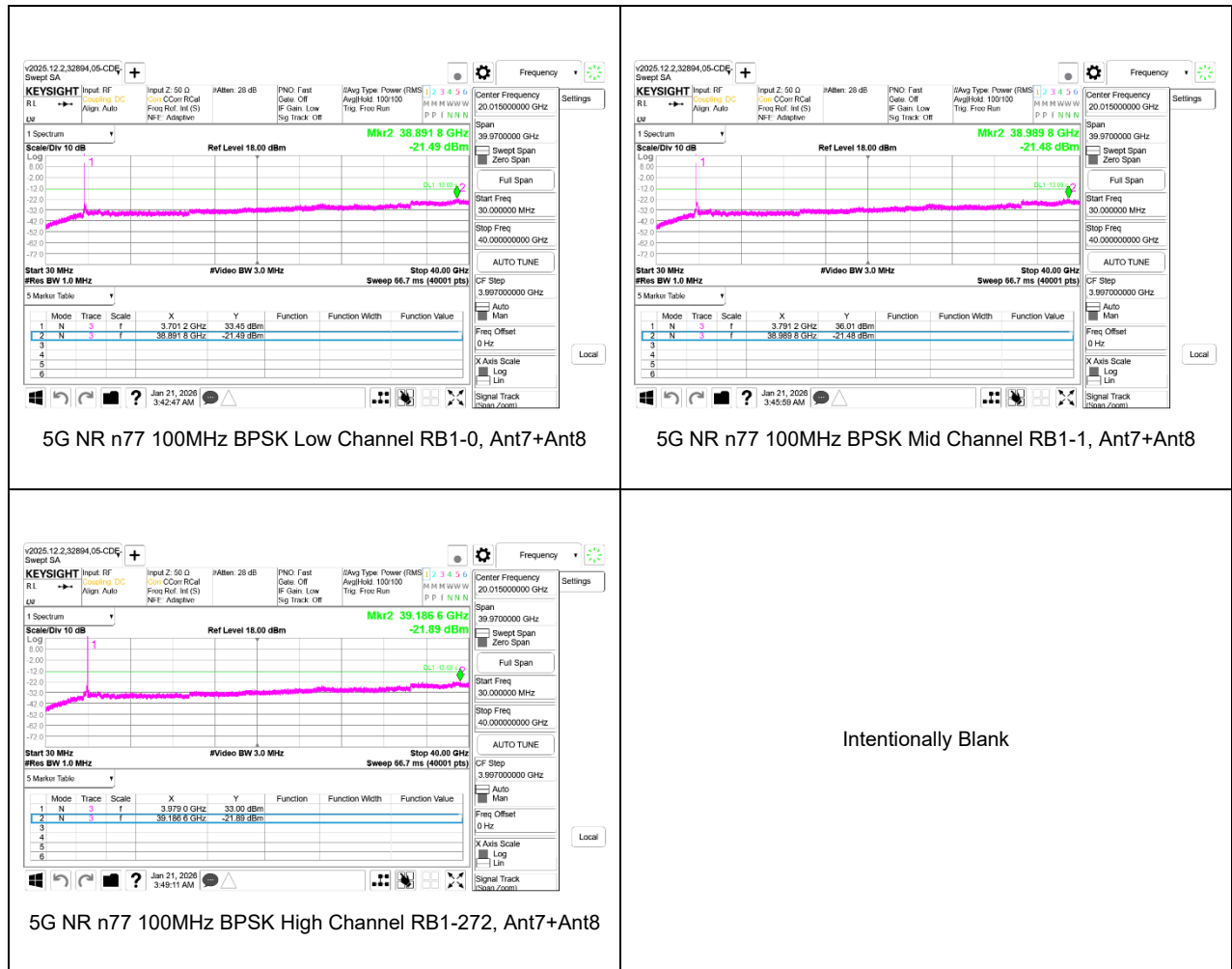


9.3.3. 5G NR n77 (FCC Part 27 3700-3980MHz, SISO)



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



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:	32188	Test Date:	2026-02-17
-------------------	-------	------------	------------

Band	77	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		3450	3550			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	3451.1505	3547.7892			
Extreme (50°C)		3451.1505	3547.7892	1.0	0.000	Yes
Extreme (40°C)		3451.1505	3547.7892	-2.7	-0.001	Yes
Extreme (30°C)		3451.1505	3547.7892	-3.4	-0.001	Yes
Extreme (10°C)		3451.1505	3547.7892	-3.1	-0.001	Yes
Extreme (0°C)		3451.1505	3547.7892	-2.6	-0.001	Yes
Extreme (-10°C)		3451.1505	3547.7892	4.9	0.001	Yes
Extreme (-20°C)		3451.1505	3547.7892	-5.2	-0.001	Yes
Extreme (-30°C)		3451.1505	3547.7892	2.5	0.001	Yes
20°C	15%	3451.1505	3547.7892	-3.3	-0.001	Yes
	-15%	3451.1505	3547.7892	3.3	0.001	Yes
	End Point Voltage	3451.1505	3547.7892	-2.0	-0.001	Yes

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

Test Engineer ID:	32188	Test Date:	2026-02-17
-------------------	-------	------------	------------

Condition		3700	3980	Frequency Error Reading (Hz)		
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	3701.1936	3977.6881			
Extreme (50°C)		3701.1936	3977.6881	-5.4	-0.001	Yes
Extreme (40°C)		3701.1936	3977.6881	-4.4	-0.001	Yes
Extreme (30°C)		3701.1936	3977.6881	-4.2	-0.001	Yes
Extreme (10°C)		3701.1936	3977.6881	-6.6	-0.002	Yes
Extreme (0°C)		3701.1936	3977.6881	-3.7	-0.001	Yes
Extreme (-10°C)		3701.1936	3977.6881	2.4	0.001	Yes
Extreme (-20°C)		3701.1936	3977.6881	-5.0	-0.001	Yes
Extreme (-30°C)		3701.1936	3977.6881	-2.7	-0.001	Yes
20°C	15%	3701.1936	3977.6881	4.1	0.001	Yes
	-15%	3701.1936	3977.6881	-4.6	-0.001	Yes
	End Point Voltage	3701.1936	3977.6881	3.5	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.

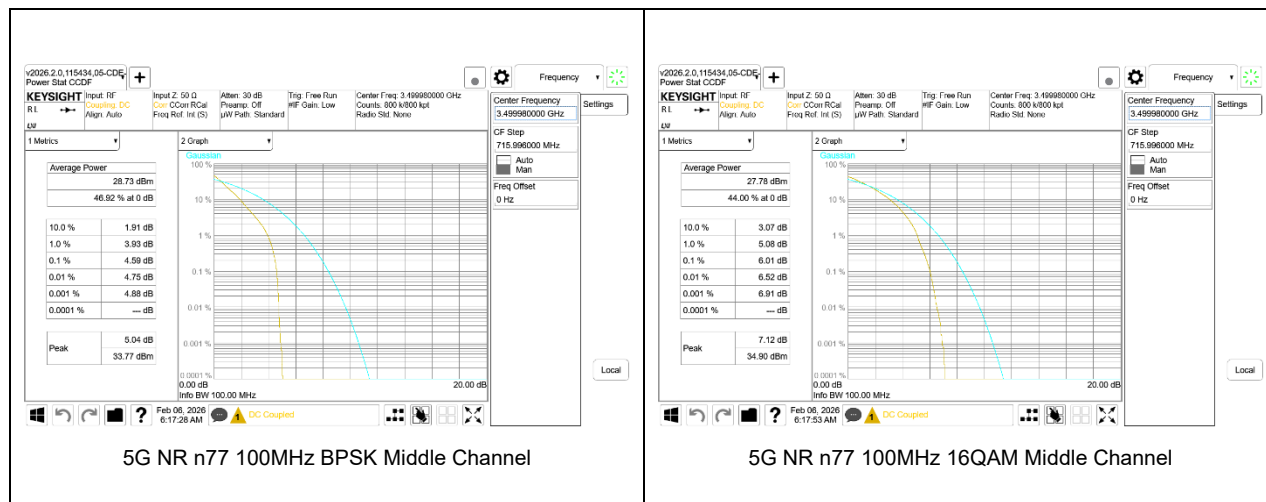
FCC: §27.50

(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:	32188	Test Date:	2026-01-22
-------------------	-------	------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average
						Peak	Average	Power Ratio (dB)
5G NR n77	10MHz	3500.0	24	0	BPSK	33.38	28.91	4.47
					16QAM	33.87	27.94	5.93
	15MHz		36	0	BPSK	33.22	28.77	4.45
					16QAM	33.65	27.80	5.85
	20MHz		50	0	BPSK	33.32	28.79	4.53
					16QAM	34.37	27.93	6.44
	25MHz		64	0	BPSK	33.36	28.84	4.52
					16QAM	33.93	27.87	6.06
	30MHz		75	0	BPSK	33.54	29.00	4.54
					16QAM	34.02	28.01	6.01
	40MHz		100	0	BPSK	33.88	29.03	4.85
					16QAM	34.07	28.04	6.03
	50MHz		128	0	BPSK	33.74	29.03	4.71
					16QAM	34.09	28.03	6.06
	60MHz		162	0	BPSK	33.52	29.01	4.51
					16QAM	33.97	27.97	6.00
	70MHz		180	0	BPSK	33.56	29.02	4.54
					16QAM	33.92	27.96	5.96
	80MHz		216	0	BPSK	34.10	28.90	5.20
					16QAM	33.87	27.97	5.90
	90MHz		243	0	BPSK	33.66	28.83	4.83
					16QAM	34.88	27.82	7.06
	100MHz		270	0	BPSK	33.77	28.73	5.04
					16QAM	34.90	27.78	7.12
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:	32188	Test Date:	2026-01-22
-------------------	-------	------------	------------

Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average
						Peak	Average	Power Ratio (dB)
5G NR n77	10MHz	3840.0	24	0	BPSK	32.62	29.49	3.13
					16QAM	34.03	28.28	5.75
	15MHz		36	0	BPSK	32.39	29.37	3.02
					16QAM	33.93	28.27	5.66
	20MHz		50	0	BPSK	32.54	29.15	3.39
					16QAM	33.75	28.07	5.68
	25MHz		64	0	BPSK	32.23	29.12	3.11
					16QAM	33.53	27.95	5.58
	30MHz		75	0	BPSK	31.92	28.91	3.01
					16QAM	34.33	28.24	6.09
	40MHz		100	0	BPSK	32.22	28.5	3.72
					16QAM	33.66	27.39	6.27
	50MHz		128	0	BPSK	33.64	28.88	4.76
					16QAM	34.07	27.99	6.08
	60MHz		162	0	BPSK	33.42	28.84	4.58
					16QAM	33.59	27.87	5.72
	70MHz		180	0	BPSK	33.30	28.86	4.44
					16QAM	33.56	27.89	5.67
	80MHz		216	0	BPSK	33.65	28.86	4.79
					16QAM	33.64	27.93	5.71
	90MHz		243	0	BPSK	33.50	28.87	4.63
					16QAM	33.63	27.91	5.72
	100MHz		270	0	BPSK	33.76	28.86	4.90
					16QAM	33.70	27.93	5.77
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.

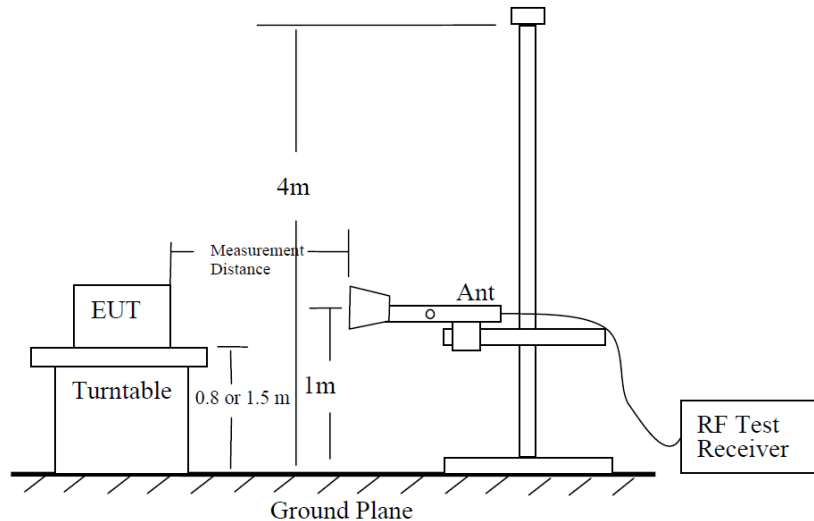


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

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.

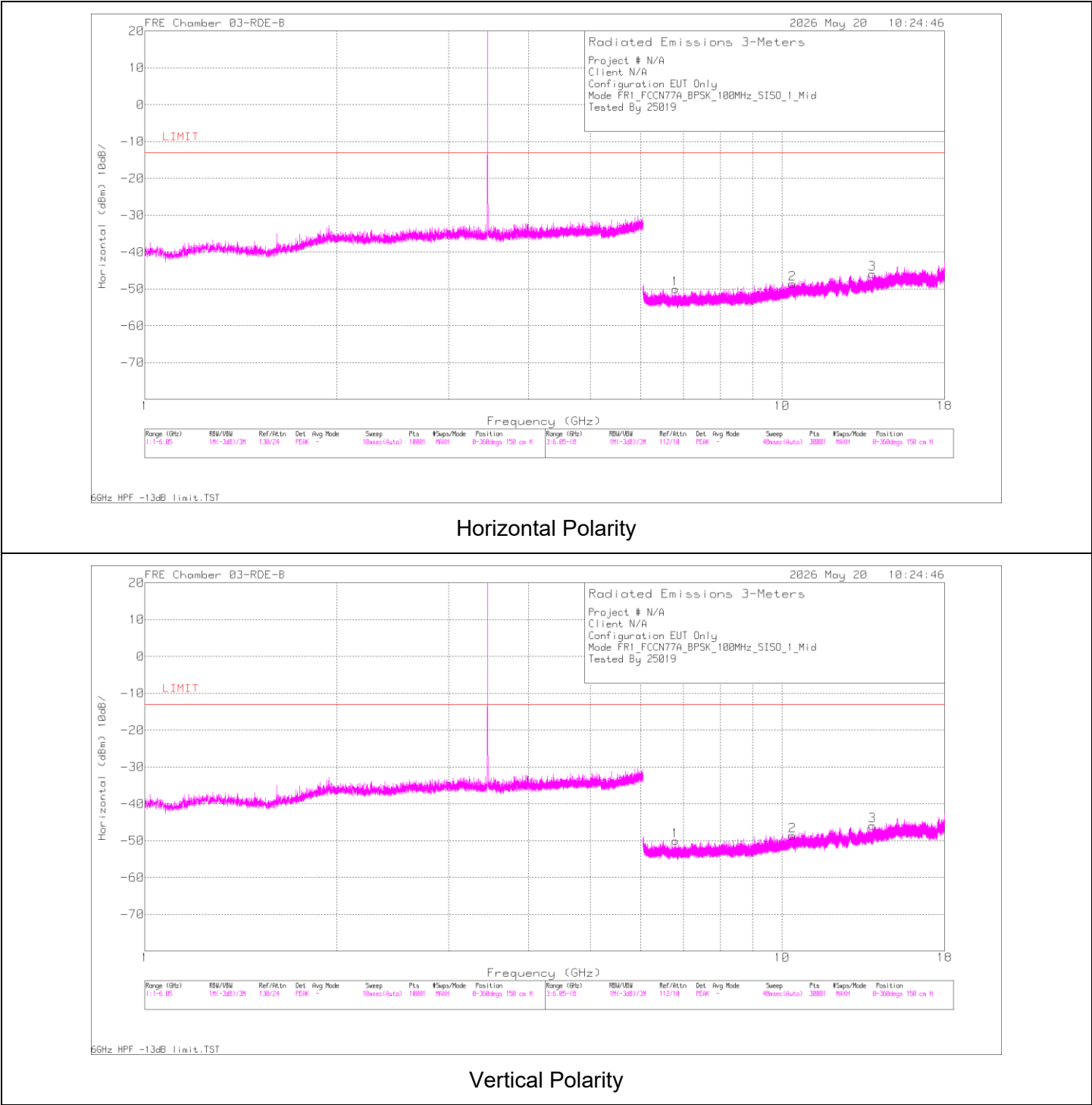
So, from d)

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	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
6.806036	56.49	Pk	35.6	-95.2	-46.94	-50.05	-13	-37.05	H
6.818384	55.70	Pk	35.6	-95.2	-46.93	-50.83	-13	-37.83	V
10.388643	56.07	Pk	37.5	-95.2	-46.94	-48.57	-13	-35.57	H
10.377490	57.87	Pk	37.5	-95.2	-47.17	-47.00	-13	-34.00	V
13.862903	56.17	Pk	38.8	-95.2	-45.69	-45.92	-13	-32.92	H
13.756150	54.80	Pk	38.8	-95.2	-45.48	-47.08	-13	-34.08	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
5/20/2026	25019	03-RDE-B	Mid Ch 3500	7	6.806036	56.49	Pk	35.6	-95.2	-46.94	-50.05	-13	-37.05	H
					6.818384	55.70	Pk	35.6	-95.2	-46.93	-50.83	-13	-37.83	V
					10.388643	56.07	Pk	37.5	-95.2	-46.94	-48.57	-13	-35.57	H
					10.377490	57.87	Pk	37.5	-95.2	-47.17	-47.00	-13	-34.00	V
					13.862903	56.17	Pk	38.8	-95.2	-45.69	-45.92	-13	-32.92	H
13.756150	54.80	Pk		38.8	-95.2	-45.48	-47.08	-13	-34.08	V				
5/20/2026	25019	03-RDE-B		4	6.896458	56.07	Pk	35.6	-95.2	-47.09	-50.62	-13	-37.62	H
					6.988074	56.12	Pk	35.6	-95.2	-47.11	-50.59	-13	-37.59	V
					10.265956	57.70	Pk	37.4	-95.2	-47.91	-48.01	-13	-35.01	H
					10.270338	56.77	Pk	37.4	-95.2	-47.71	-48.74	-13	-35.74	V
					13.707554	55.86	Pk	38.9	-95.2	-45.73	-46.17	-13	-33.17	H
13.749777	55.53	Pk		38.8	-95.2	-45.62	-46.49	-13	-33.49	V				
5/20/2026	25019	03-RDE-B		9	6.957801	55.55	Pk	35.6	-95.2	-47.14	-51.19	-13	-38.19	H
					6.965369	55.80	Pk	35.6	-95.2	-47.16	-50.96	-13	-37.96	V
					10.354386	56.84	Pk	37.4	-95.2	-47.52	-48.48	-13	-35.48	H
					10.352793	57.38	Pk	37.4	-95.2	-47.58	-48.00	-13	-35.00	V
					13.901143	55.72	Pk	38.8	-95.2	-45.33	-46.01	-13	-33.01	H
13.739022	55.11	Pk		38.8	-95.2	-45.73	-47.02	-13	-34.02	V				
5/20/2026	25019	03-RDE-B		8	6.921951	52.75	Pk	35.6	-95.2	-46.99	-53.84	-13	-40.84	H
					6.921951	52.26	Pk	35.6	-95.2	-46.99	-54.33	-13	-41.33	V
					10.350005	54.60	Pk	37.4	-95.2	-47.56	-50.76	-13	-37.76	H
					10.350005	55.88	Pk	37.4	-95.2	-47.56	-49.48	-13	-36.48	V
					13.748184	52.05	Pk	38.8	-95.2	-45.66	-50.01	-13	-37.01	H
13.748184	54.66	Pk		38.8	-95.2	-45.66	-47.40	-13	-34.40	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
2/23/2026	32547	03-RDE-C	Mid Ch 3500	7+4	7.003469	53.17	Pk	35.8	-95.2	-46.10	-52.33	-13	-39.33	H
					7.000669	55.16	Pk	35.8	-95.2	-46.10	-50.34	-13	-37.34	V
					10.51374	55.44	Pk	37.6	-95.2	-45.70	-47.86	-13	-34.86	H
					10.49787	53.84	Pk	37.6	-95.2	-45.70	-49.46	-13	-36.46	V
					14.01047	54.50	Pk	39.0	-95.2	-44.20	-45.90	-13	-32.90	H
					14.01047	53.29	Pk	39.0	-95.2	-44.20	-47.11	-13	-34.11	V
2/23/2026	115536	03-RDE-B		7+9	7.000024	53.63	Pk	35.6	-95.2	-47.26	-53.23	-13	-40.23	H
					7.000024	53.24	Pk	35.6	-95.2	-47.26	-53.62	-13	-40.62	V
					10.49938	55.13	Pk	37.5	-95.2	-47.00	-49.57	-13	-36.57	H
					10.49938	54.08	Pk	37.5	-95.2	-47.00	-50.62	-13	-37.62	V
					13.99993	52.66	Pk	38.9	-95.2	-45.41	-49.05	-13	-36.05	H
					13.99993	52.65	Pk	38.9	-95.2	-45.41	-49.06	-13	-36.06	V
2/20/2026	115536	03-RDE-B		7+8	6.999626	52.62	Pk	35.6	-95.2	-47.26	-54.24	-13	-41.24	H
					6.999626	53.08	Pk	35.6	-95.2	-47.26	-53.78	-13	-40.78	V
					10.49978	54.64	Pk	37.5	-95.2	-46.99	-50.05	-13	-37.05	H
					10.49978	53.95	Pk	37.5	-95.2	-46.99	-50.74	-13	-37.74	V
					13.99993	52.52	Pk	38.9	-95.2	-45.41	-49.19	-13	-36.19	H
					13.99993	53.71	Pk	38.9	-95.2	-45.41	-48.00	-13	-35.00	V
2/19/2026	115702	02-RDE-E		9+4	7.002016	53.09	Pk	35.9	-95.2	-45.33	-51.54	-13	-38.54	H
					7.002016	51.59	Pk	35.9	-95.2	-45.33	-53.04	-13	-40.04	V
					10.46034	53.14	Pk	37.6	-95.2	-44.89	-49.35	-13	-36.35	H
					10.46034	55.53	Pk	37.6	-95.2	-44.89	-46.96	-13	-33.96	V
					13.91548	52.48	Pk	39.4	-95.2	-43.20	-46.52	-13	-33.52	H
					13.91548	54.39	Pk	39.4	-95.2	-43.20	-44.61	-13	-31.61	V
2/20/2026	104012	03-RDE-A		9+8	6.999626	53.28	Pk	35.8	-95.2	-46.60	-52.72	-13	-39.72	H
					7.000024	53.23	Pk	35.8	-95.2	-46.60	-52.77	-13	-39.77	V
					10.50018	54.51	Pk	37.6	-95.2	-45.70	-48.79	-13	-35.79	H
					10.49978	55.06	Pk	37.6	-95.2	-45.70	-48.24	-13	-35.24	V
					14.00073	55.35	Pk	39.0	-95.2	-44.30	-45.15	-13	-32.15	H
					13.99874	53.17	Pk	39.0	-95.2	-44.30	-47.33	-13	-34.33	V
2/23/2026	104012	03-RDE-A		8+4	7.000024	52.45	Pk	35.8	-95.2	-46.60	-53.55	-13	-40.55	H
					7.000024	51.72	Pk	35.8	-95.2	-46.60	-54.28	-13	-41.28	V
					10.50018	54.20	Pk	37.6	-95.2	-45.70	-49.10	-13	-36.10	H
					10.49978	53.32	Pk	37.6	-95.2	-45.70	-49.98	-13	-36.98	V
					13.99993	52.32	Pk	39.0	-95.2	-44.30	-48.18	-13	-35.18	H
					13.99993	52.51	Pk	39.0	-95.2	-44.30	-47.99	-13	-34.99	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
2/17/2026	32934	03-RDE-B	Low Ch 3750	7	7.532994	55.60	Pk	35.7	-95.2	-47.87	-51.77	-13	-38.77	H
					7.490372	55.50	Pk	35.7	-95.2	-47.57	-51.57	-13	-38.57	V
					11.232312	53.82	Pk	38.0	-95.2	-44.63	-48.01	-13	-35.01	H
					11.238287	53.59	Pk	38.0	-95.2	-44.80	-48.41	-13	-35.41	V
					15.021654	53.25	Pk	39.7	-95.2	-44.41	-46.66	-13	-33.66	H
					15.011696	53.46	Pk	39.6	-95.2	-44.43	-46.57	-13	-33.57	V
			7.699099		55.61	Pk	35.8	-95.2	-47.19	-50.98	-13	-37.98	H	
			7.656477		54.93	Pk	35.8	-95.2	-46.37	-50.84	-13	-37.84	V	
			11.542215		53.87	Pk	38.2	-95.2	-45.00	-48.13	-13	-35.13	H	
			11.480872		53.76	Pk	38.1	-95.2	-45.24	-48.58	-13	-35.58	V	
			15.355856		52.27	Pk	39.9	-95.2	-44.48	-47.51	-13	-34.51	H	
			15.308454		53.76	Pk	39.9	-95.2	-45.00	-46.54	-13	-33.54	V	
			7.946463		56.76	Pk	35.9	-95.2	-47.16	-49.70	-13	-36.70	H	
			7.911012		54.81	Pk	35.9	-95.2	-47.25	-51.74	-13	-38.74	V	
			11.779622		52.51	Pk	38.5	-95.2	-44.93	-49.12	-13	-36.12	H	
			11.959270		55.24	Pk	38.7	-95.2	-44.22	-45.48	-13	-32.48	V	
			15.725907		53.06	Pk	40.4	-95.2	-44.13	-45.87	-13	-32.87	H	
			15.791632		52.72	Pk	40.4	-95.2	-43.63	-45.71	-13	-32.71	V	
5/20/2026	25019	03-RDE-B	Low Ch 3750	4	7.519052	55.44	Pk	35.7	-95.2	-47.93	-51.99	-13	-38.99	H
					7.497940	55.52	Pk	35.7	-95.2	-47.69	-51.67	-13	-38.67	V
					11.269756	53.48	Pk	38.0	-95.2	-45.34	-49.06	-13	-36.06	H
					11.226736	53.02	Pk	38.0	-95.2	-44.57	-48.75	-13	-35.75	V
					15.014086	53.59	Pk	39.7	-95.2	-44.39	-46.30	-13	-33.30	H
					15.009704	53.45	Pk	39.6	-95.2	-44.45	-46.60	-13	-33.60	V
			7.672410		54.93	Pk	35.8	-95.2	-46.57	-51.04	-13	-38.04	H	
			7.597125		56.84	Pk	35.7	-95.2	-47.05	-49.71	-13	-36.71	V	
			11.515925		53.11	Pk	38.2	-95.2	-45.09	-48.98	-13	-35.98	H	
			11.482864		53.33	Pk	38.1	-95.2	-45.24	-49.01	-13	-36.01	V	
			15.375374		52.97	Pk	40.0	-95.2	-44.77	-47.00	-13	-34.00	H	
			15.172622		54.15	Pk	39.8	-95.2	-44.02	-45.27	-13	-32.27	V	
			7.674402		55.61	Pk	35.80	-95.20	-46.64	-50.43	-13	-37.43	H	
			7.662452		55.41	Pk	35.80	-95.20	-46.43	-50.42	-13	-37.42	V	
			11.545402		55.08	Pk	38.20	-95.20	-44.93	-46.85	-13	-33.85	H	
			11.688404		53.91	Pk	38.40	-95.20	-44.98	-47.87	-13	-34.87	V	
			15.461015		54.92	Pk	40.10	-95.20	-44.54	-44.72	-13	-31.72	H	
			15.525944		55.20	Pk	40.10	-95.20	-44.47	-44.37	-13	-31.37	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
2/19/2026	32703	02-RDE-E	Low Ch 3750	9	7.399951	52.68	Pk	35.7	-95.2	-46.20	-53.02	-13	-40.02	H
					7.399951	52.84	Pk	35.7	-95.2	-46.20	-52.86	-13	-39.86	V
					11.100464	52.20	Pk	37.7	-95.2	-43.19	-48.49	-13	-35.49	H
					11.100464	51.43	Pk	37.7	-95.2	-43.19	-49.26	-13	-36.26	V
					14.800181	52.98	Pk	40.2	-95.2	-44.32	-46.34	-13	-33.34	H
			14.800181		52.03	Pk	40.2	-95.2	-44.32	-47.29	-13	-34.29	V	
			7.760442		51.95	Pk	36.1	-95.2	-46.43	-53.58	-13	-40.58	H	
			7.760442		51.89	Pk	36.1	-95.2	-46.43	-53.64	-13	-40.64	V	
			11.640205		52.32	Pk	38.3	-95.2	-43.66	-48.24	-13	-35.24	H	
			11.640205		50.95	Pk	38.3	-95.2	-43.66	-49.61	-13	-36.61	V	
			15.519969		51.53	Pk	40.7	-95.2	-42.54	-45.51	-13	-32.51	H	
			15.519969		51.47	Pk	40.7	-95.2	-42.54	-45.57	-13	-32.57	V	
			7.760442		52.39	Pk	36.1	-95.2	-46.43	-53.14	-13	-40.14	H	
			7.760442		54.42	Pk	36.1	-95.2	-46.43	-51.11	-13	-38.11	V	
			11.640205		49.59	Pk	38.3	-95.2	-43.66	-50.97	-13	-37.97	H	
11.640205	50.68	Pk	38.3	-95.2	-43.66	-49.88	-13	-36.88	V					
15.520765	51.72	Pk	40.7	-95.2	-42.56	-45.34	-13	-32.34	H					
15.520765	50.91	Pk	40.7	-95.2	-42.56	-46.15	-13	-33.15	V					
2/10/2026	25019	02-RDE-E	Low Ch 3750	8	7.399951	51.44	Pk	35.7	-95.2	-46.20	-54.26	-13	-41.26	H
					7.399951	51.15	Pk	35.7	-95.2	-46.20	-54.55	-13	-41.55	V
					11.100066	49.94	Pk	37.7	-95.2	-43.21	-50.77	-13	-37.77	H
					11.100066	51.92	Pk	37.7	-95.2	-43.21	-48.79	-13	-35.79	V
					14.800579	50.98	Pk	40.2	-95.2	-44.33	-48.35	-13	-35.35	H
			14.800579		50.47	Pk	40.2	-95.2	-44.33	-48.86	-13	-35.86	V	
			7.580395		52.16	Pk	35.9	-95.2	-45.85	-52.99	-13	-39.99	H	
			7.580395		52.99	Pk	35.9	-95.2	-45.85	-52.16	-13	-39.16	V	
			11.370932		50.93	Pk	38.0	-95.2	-43.29	-49.56	-13	-36.56	H	
			11.370932		50.23	Pk	38.0	-95.2	-43.29	-50.26	-13	-37.26	V	
			15.160672		50.64	Pk	40.3	-95.2	-43.41	-47.67	-13	-34.67	H	
			15.160672		50.78	Pk	40.3	-95.2	-43.41	-47.53	-13	-34.53	V	
			7.760044		53.10	Pk	36.1	-95.2	-46.43	-52.43	-13	-39.43	H	
			7.760044		53.05	Pk	36.1	-95.2	-46.43	-52.48	-13	-39.48	V	
			11.640604		50.24	Pk	38.3	-95.2	-43.67	-50.33	-13	-37.33	H	
11.640604	51.15	Pk	38.3	-95.2	-43.67	-49.42	-13	-36.42	V					
15.520765	51.78	Pk	40.7	-95.2	-42.56	-45.28	-13	-32.28	H					
15.520765	51.38	Pk	40.7	-95.2	-42.56	-45.68	-13	-32.68	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
2/19/2026	32547	03-RDE-A	Low Ch 3750	7+4	7.510289	54.73	Pk	35.8	-95.2	-46.70	-51.37	-13	-38.37	H
					7.504712	53.77	Pk	35.8	-95.2	-46.80	-52.43	-13	-39.43	V
					11.250237	53.55	Pk	38.0	-95.2	-45.00	-48.65	-13	-35.65	H
					11.240677	53.56	Pk	38.0	-95.2	-45.07	-48.71	-13	-35.71	V
					15.010899	54.65	Pk	39.7	-95.2	-43.70	-44.55	-13	-31.55	H
			15.013688		54.67	Pk	39.7	-95.2	-43.70	-44.53	-13	-31.53	V	
			7.652095		54.73	Pk	35.9	-95.2	-45.10	-49.67	-13	-36.67	H	
			7.654485		53.79	Pk	35.9	-95.2	-45.15	-50.66	-13	-37.66	V	
			11.517917		52.83	Pk	38.2	-95.2	-44.31	-48.48	-13	-35.48	H	
			11.497602		53.69	Pk	38.2	-95.2	-44.70	-48.01	-13	-35.01	V	
			15.342711		53.39	Pk	40.1	-95.2	-42.63	-44.34	-13	-31.34	H	
			15.343507		53.34	Pk	40.1	-95.2	-42.65	-44.41	-13	-31.41	V	
			7.865203		54.88	Pk	35.9	-95.2	-46.08	-50.50	-13	-37.50	H	
			7.856838		54.04	Pk	36.0	-95.2	-46.12	-51.28	-13	-38.28	V	
			11.787987		53.51	Pk	38.6	-95.2	-44.20	-47.29	-13	-34.29	H	
2/20/2026	32703	02-RDE-E	Low Ch 3750	7+9	11.799937	53.03	Pk	38.6	-95.2	-44.30	-47.87	-13	-34.87	V
					15.722322	53.37	Pk	40.6	-95.2	-42.80	-44.03	-13	-31.03	H
					15.715152	54.22	Pk	40.6	-95.2	-42.78	-43.16	-13	-30.16	V
					7.399951	52.36	Pk	35.7	-95.2	-46.20	-53.34	-13	-40.34	H
					7.399951	52.15	Pk	35.7	-95.2	-46.20	-53.55	-13	-40.55	V
			11.100862		50.77	Pk	37.7	-95.2	-43.18	-49.91	-13	-36.91	H	
			11.100862		50.70	Pk	37.7	-95.2	-43.18	-49.98	-13	-36.98	V	
			14.800978		51.97	Pk	40.2	-95.2	-44.34	-47.37	-13	-34.37	H	
			14.800978		52.06	Pk	40.2	-95.2	-44.34	-47.28	-13	-34.28	V	
			7.580794		51.72	Pk	35.9	-95.2	-45.87	-53.45	-13	-40.45	H	
			7.580794		52.26	Pk	35.9	-95.2	-45.87	-52.91	-13	-39.91	V	
			11.370932		51.26	Pk	38.0	-95.2	-43.29	-49.23	-13	-36.23	H	
			11.370932		50.00	Pk	38.0	-95.2	-43.29	-50.49	-13	-37.49	V	
			15.160672		51.97	Pk	40.3	-95.2	-43.41	-46.34	-13	-33.34	H	
			15.160672		52.66	Pk	40.3	-95.2	-43.41	-45.65	-13	-32.65	V	
7.760442	51.75	Pk	36.1	-95.2	-46.43	-53.78	-13	-40.78	H					
7.760442	51.19	Pk	36.1	-95.2	-46.43	-54.34	-13	-41.34	V					
11.640205	50.02	Pk	38.3	-95.2	-43.66	-50.54	-13	-37.54	H					
11.640205	49.82	Pk	38.3	-95.2	-43.66	-50.74	-13	-37.74	V					
15.520367	51.59	Pk	40.7	-95.2	-42.55	-45.46	-13	-32.46	H					
15.520367	50.79	Pk	40.7	-95.2	-42.55	-46.26	-13	-33.26	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
2/20/2026	32547	03-RDE-A	Low Ch 3750	7+8	7.494754	54.61	Pk	35.8	-95.2	-46.70	-51.49	-13	-38.49	H
					7.490770	54.31	Pk	35.8	-95.2	-46.70	-51.79	-13	-38.79	V
					11.243864	53.76	Pk	38.0	-95.2	-45.00	-48.44	-13	-35.44	H
					11.254221	54.91	Pk	38.0	-95.2	-44.98	-47.27	-13	-34.27	V
					15.003729	54.14	Pk	39.7	-95.2	-43.63	-44.99	-13	-31.99	H
					14.967083	55.21	Pk	39.6	-95.2	-43.80	-44.19	-13	-31.19	V
			7.682369		55.66	Pk	35.9	-95.2	-46.00	-49.64	-13	-36.64	H	
			7.693522		54.65	Pk	35.9	-95.2	-46.05	-50.70	-13	-37.70	V	
			11.511544		54.47	Pk	38.2	-95.2	-44.50	-47.03	-13	-34.03	H	
			11.503179		53.33	Pk	38.2	-95.2	-44.58	-48.25	-13	-35.25	V	
			15.360237		53.91	Pk	40.1	-95.2	-42.70	-43.89	-13	-30.89	H	
			15.361831		53.22	Pk	40.1	-95.2	-42.70	-44.58	-13	-31.58	V	
			7.885917		56.20	Pk	36.0	-95.2	-46.09	-49.09	-13	-36.09	H	
			7.883925		55.23	Pk	36.0	-95.2	-46.00	-49.97	-13	-36.97	V	
			11.805514		54.86	Pk	38.6	-95.2	-44.20	-45.94	-13	-32.94	H	
			11.799140		53.93	Pk	38.6	-95.2	-44.30	-46.97	-13	-33.97	V	
			15.781674		53.70	Pk	40.7	-95.2	-42.47	-43.27	-13	-30.27	H	
			15.782470		53.61	Pk	40.7	-95.2	-42.50	-43.39	-13	-30.39	V	
2/20/2026	25019	02-RDE-E	Low Ch 3750	9+4	7.399951	51.90	Pk	35.7	-95.2	-46.20	-53.80	-13	-40.80	H
					7.399951	51.89	Pk	35.7	-95.2	-46.20	-53.81	-13	-40.81	V
					11.100464	50.83	Pk	37.7	-95.2	-43.19	-49.86	-13	-36.86	H
					11.100464	50.24	Pk	37.7	-95.2	-43.19	-50.45	-13	-37.45	V
					14.800181	53.24	Pk	40.2	-95.2	-44.32	-46.08	-13	-33.08	H
					14.800181	52.69	Pk	40.2	-95.2	-44.32	-46.63	-13	-33.63	V
			7.580395		52.43	Pk	35.9	-95.2	-45.85	-52.72	-13	-39.72	H	
			7.580395		52.54	Pk	35.9	-95.2	-45.85	-52.61	-13	-39.61	V	
			11.374119		50.73	Pk	38.0	-95.2	-43.30	-49.77	-13	-36.77	H	
			11.374119		51.08	Pk	38.0	-95.2	-43.30	-49.42	-13	-36.42	V	
			15.159876		51.85	Pk	40.3	-95.2	-43.44	-46.49	-13	-33.49	H	
			15.159876		51.39	Pk	40.3	-95.2	-43.44	-46.95	-13	-33.95	V	
			7.760442		51.93	Pk	36.1	-95.2	-46.43	-53.60	-13	-40.60	H	
			7.760442		50.92	Pk	36.1	-95.2	-46.43	-54.61	-13	-41.61	V	
			11.640205		49.41	Pk	38.3	-95.2	-43.66	-51.15	-13	-38.15	H	
			11.640205		51.37	Pk	38.3	-95.2	-43.66	-49.19	-13	-36.19	V	
			15.520765		51.42	Pk	40.7	-95.2	-42.56	-45.64	-13	-32.64	H	
			15.520765		52.78	Pk	40.7	-95.2	-42.56	-44.28	-13	-31.28	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
2/20/2026	25019	03-RDE-B	Low Ch 3750	9+8	7.499534	53.16	Pk	35.8	-95.2	-46.80	-53.04	-13	-40.04	H
					7.499932	53.19	Pk	35.8	-95.2	-46.80	-53.01	-13	-40.01	V
					11.250237	53.18	Pk	38.0	-95.2	-45.00	-49.02	-13	-36.02	H
					11.250237	52.00	Pk	38.0	-95.2	-45.00	-50.20	-13	-37.20	V
					15.000941	54.10	Pk	39.7	-95.2	-43.60	-45.00	-13	-32.00	H
					14.999348	53.70	Pk	39.7	-95.2	-43.60	-45.40	-13	-32.40	V
			7.680377		52.71	Pk	35.9	-95.2	-46.00	-52.59	-13	-39.59	H	
			7.680377		53.33	Pk	35.9	-95.2	-46.00	-51.97	-13	-38.97	V	
			11.519909		52.35	Pk	38.2	-95.2	-44.40	-49.05	-13	-36.05	H	
			11.519909		52.78	Pk	38.2	-95.2	-44.40	-48.62	-13	-35.62	V	
			15.358246		52.72	Pk	40.1	-95.2	-42.70	-45.08	-13	-32.08	H	
			15.359441		53.00	Pk	40.1	-95.2	-42.70	-44.80	-13	-31.80	V	
			7.876357		54.46	Pk	36.0	-95.20	-46.10	-50.84	-13	-37.84	H	
			7.861618		55.36	Pk	36.0	-95.20	-46.22	-50.06	-13	-37.06	V	
			11.792369		53.54	Pk	38.6	-95.20	-43.54	-46.60	-13	-33.60	H	
			11.791970		53.50	Pk	38.6	-95.20	-43.54	-46.64	-13	-33.64	V	
			15.715949		53.17	Pk	41.0	-95.20	-43.50	-44.53	-13	-31.53	H	
			15.707185		53.48	Pk	41.0	-95.20	-43.45	-44.17	-13	-31.17	V	
2/23/2026	104012	03-RDE-A	Low Ch 3750	8+4	7.500330	52.72	Pk	35.8	-95.2	-46.80	-53.48	-13	-40.48	H
					7.500330	53.45	Pk	35.8	-95.2	-46.80	-52.75	-13	-39.75	V
					11.249839	52.74	Pk	38.0	-95.2	-45.00	-49.46	-13	-36.46	H
					11.249839	53.41	Pk	38.0	-95.2	-45.00	-48.79	-13	-35.79	V
					15.000144	52.17	Pk	39.7	-95.2	-43.60	-46.93	-13	-33.93	H
					15.000144	53.22	Pk	39.7	-95.2	-43.60	-45.88	-13	-32.88	V
			7.680775		54.23	Pk	35.9	-95.2	-46.00	-51.07	-13	-38.07	H	
			7.679182		54.38	Pk	35.9	-95.2	-46.00	-50.92	-13	-37.92	V	
			11.519909		52.82	Pk	38.2	-95.2	-44.40	-48.58	-13	-35.58	H	
			11.520307		52.54	Pk	38.2	-95.2	-44.40	-48.86	-13	-35.86	V	
			15.360237		51.46	Pk	40.1	-95.2	-42.70	-46.34	-13	-33.34	H	
			15.360237		52.51	Pk	40.1	-95.2	-42.70	-45.29	-13	-32.29	V	
			7.860025		53.37	Pk	36.0	-95.2	-46.10	-51.93	-13	-38.93	H	
			7.860025		52.74	Pk	36.0	-95.2	-46.10	-52.56	-13	-39.56	V	
			11.789979		53.67	Pk	38.6	-95.2	-44.10	-47.03	-13	-34.03	H	
			11.789580		52.64	Pk	38.6	-95.2	-44.14	-48.10	-13	-35.10	V	
			15.720330		52.05	Pk	40.6	-95.2	-42.80	-45.35	-13	-32.35	H	
			15.720330		52.70	Pk	40.6	-95.2	-42.80	-44.70	-13	-31.70	V	

11. SETUP PHOTOS

Refer to 15982152-EP1 for setup photos.

END OF REPORT