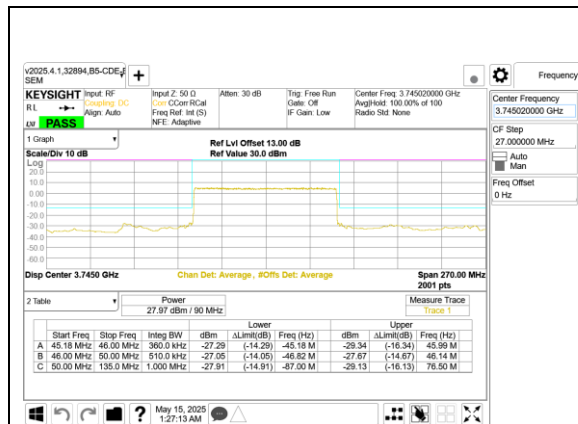
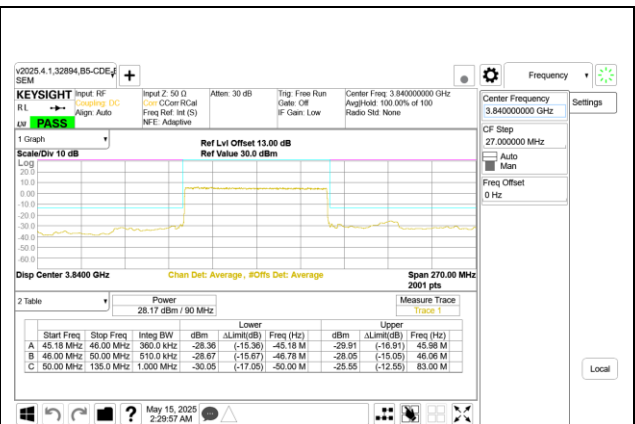
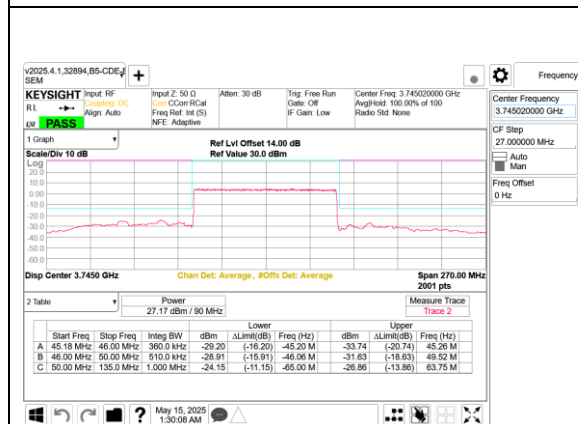




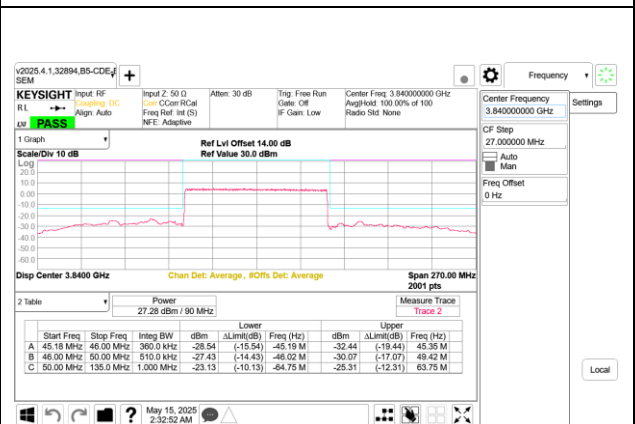
5G NR n77 90MHz BPSK Low Channel RB243-0 Port A



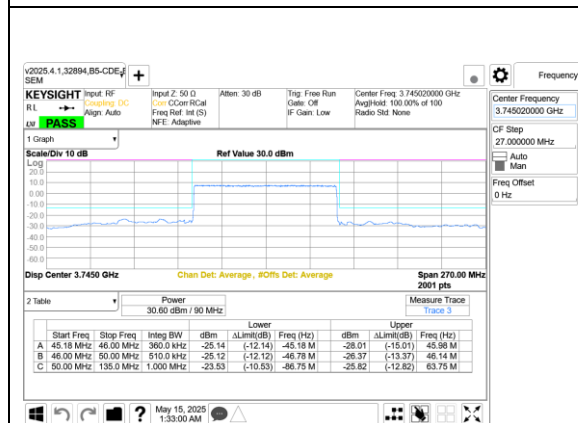
5G NR n77 90MHz BPSK Mid Channel RB243-0 Port A



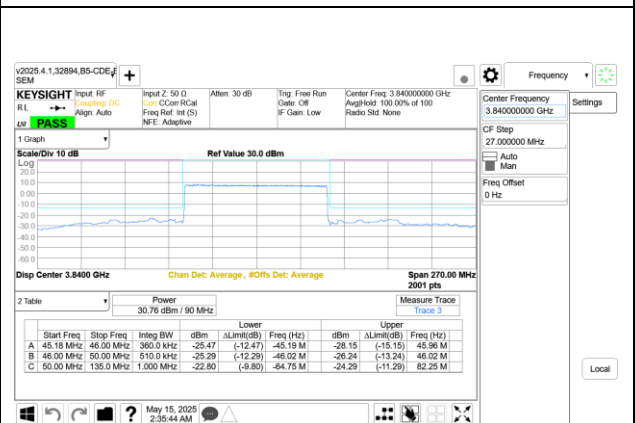
5G NR n77 90MHz BPSK Low Channel RB243-0 Port B



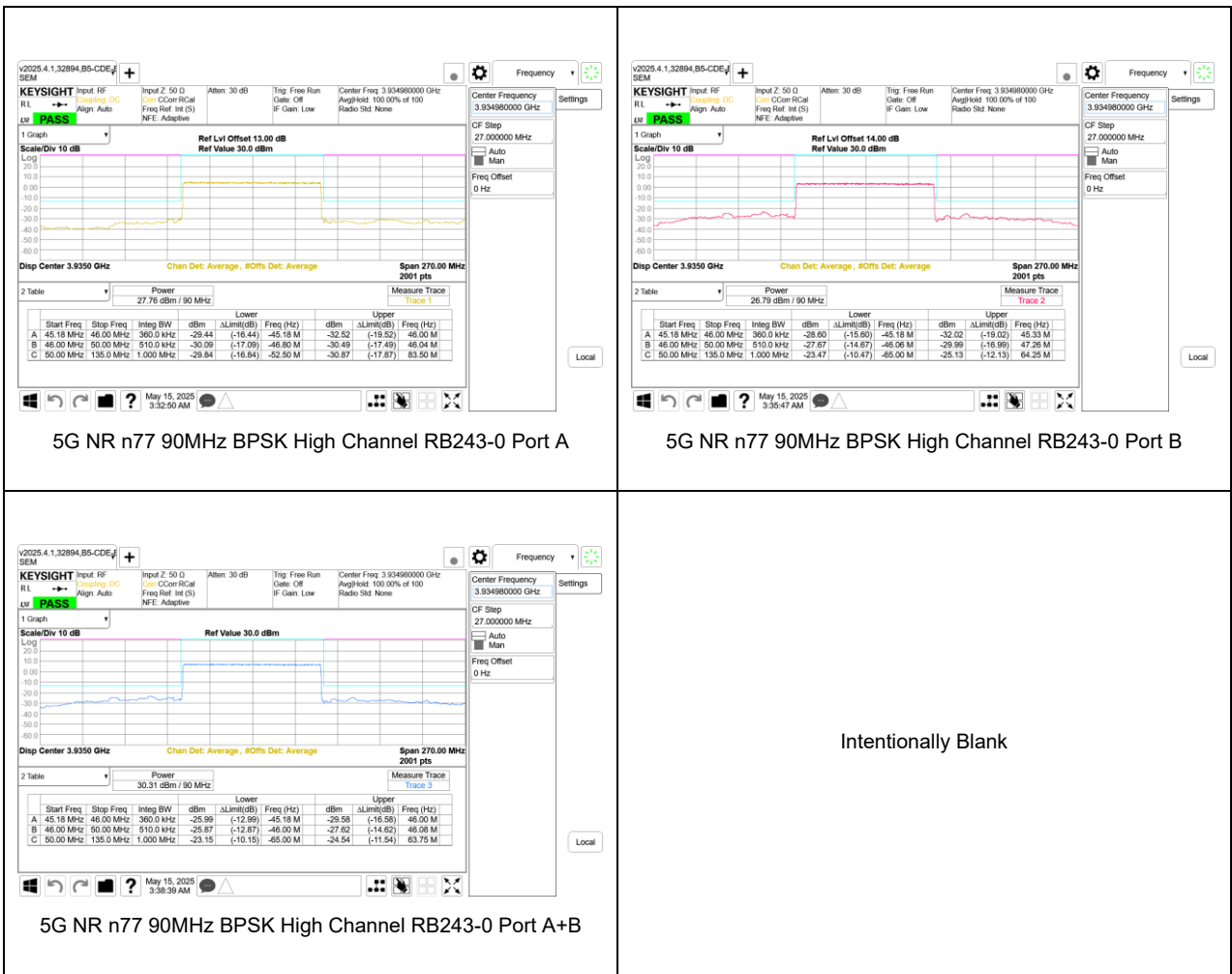
5G NR n77 90MHz BPSK Mid Channel RB243-0 Port B

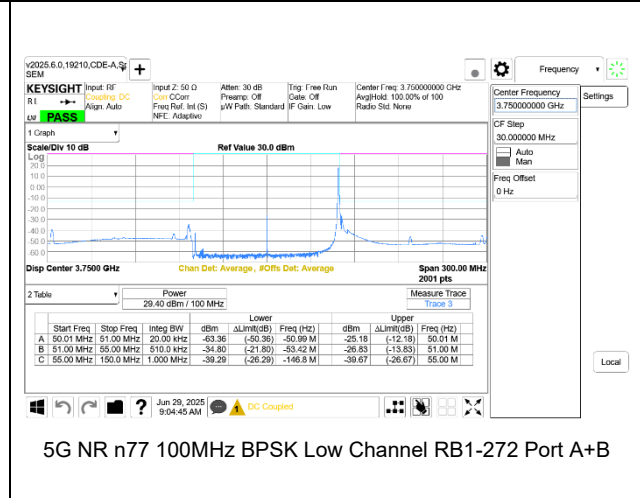
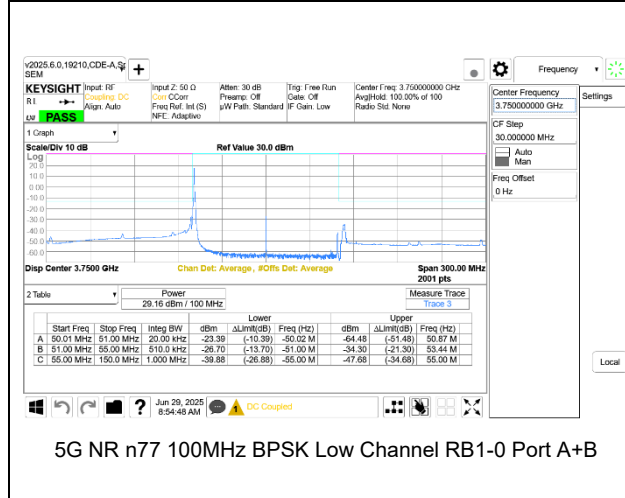
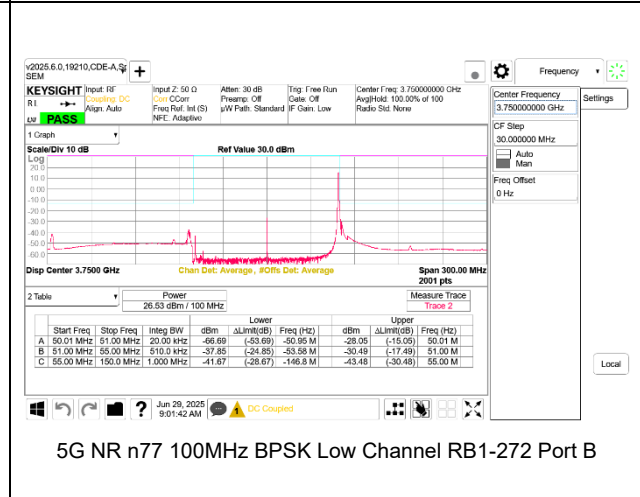
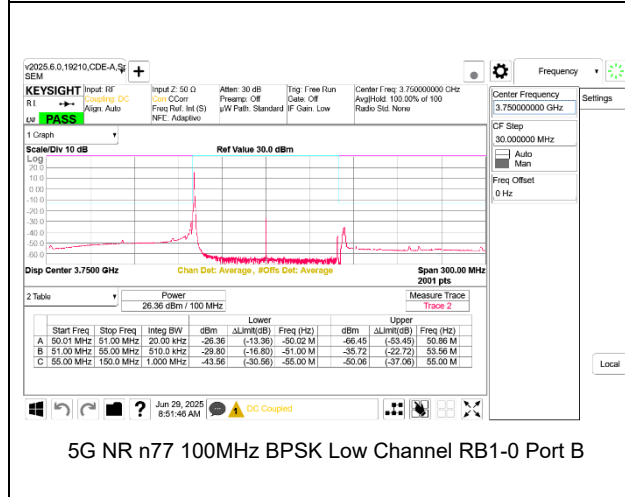
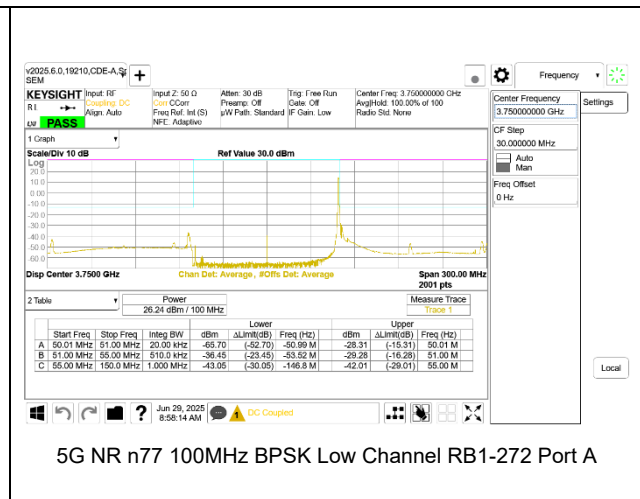
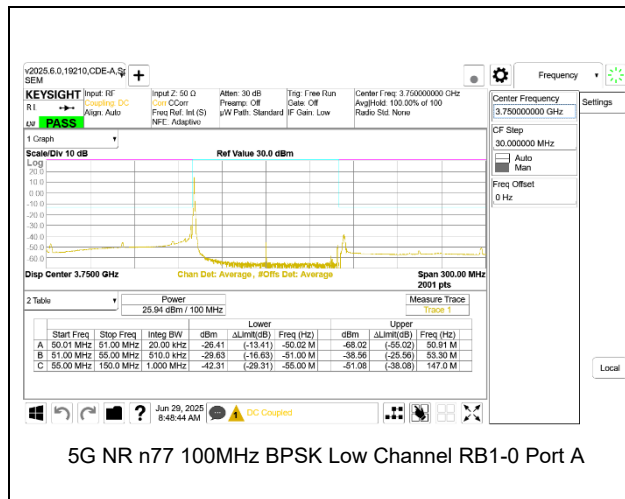


5G NR n77 90MHz BPSK Low Channel RB243-0 Port A+B



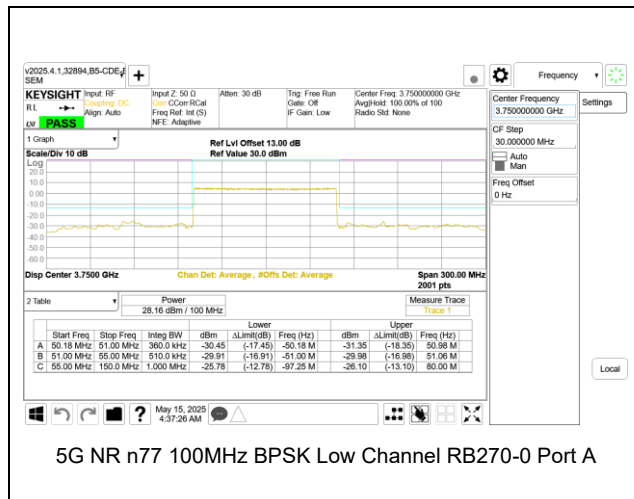
5G NR n77 90MHz BPSK Mid Channel RB243-0 Port A+B



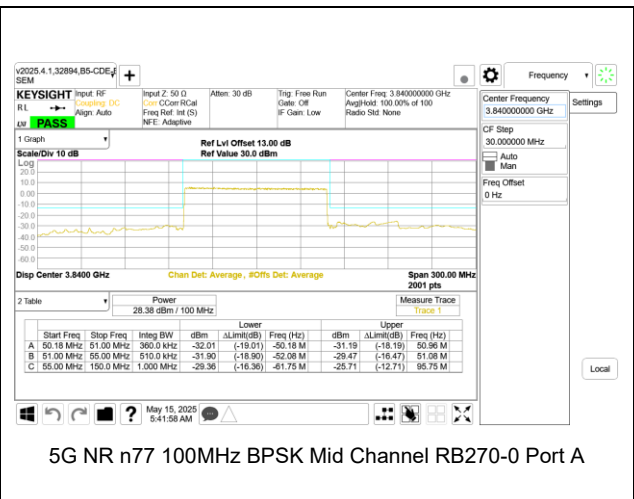




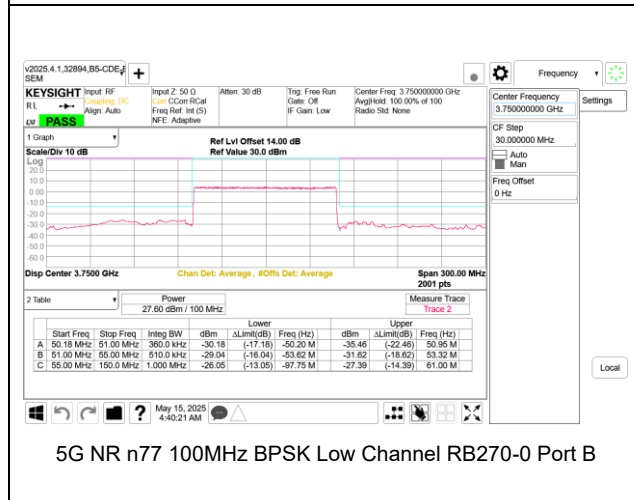




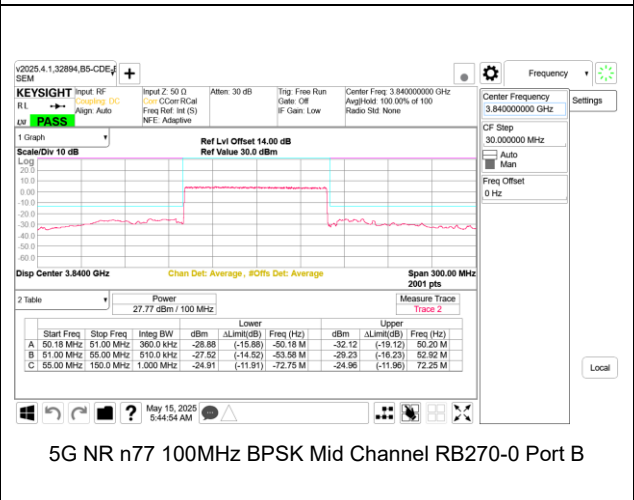
5G NR n77 100MHz BPSK Low Channel RB270-0 Port A



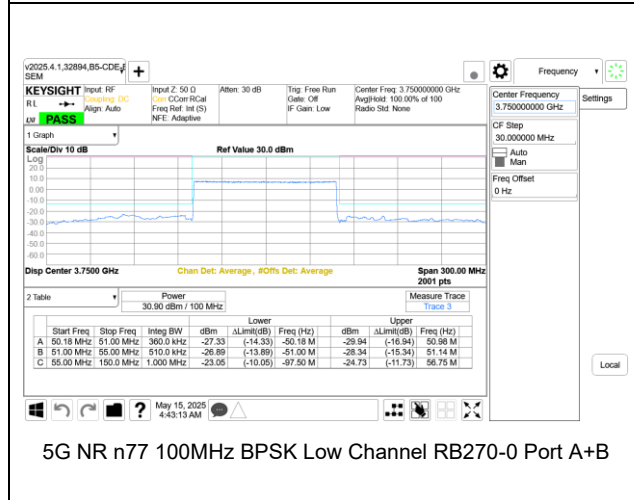
5G NR n77 100MHz BPSK Mid Channel RB270-0 Port A



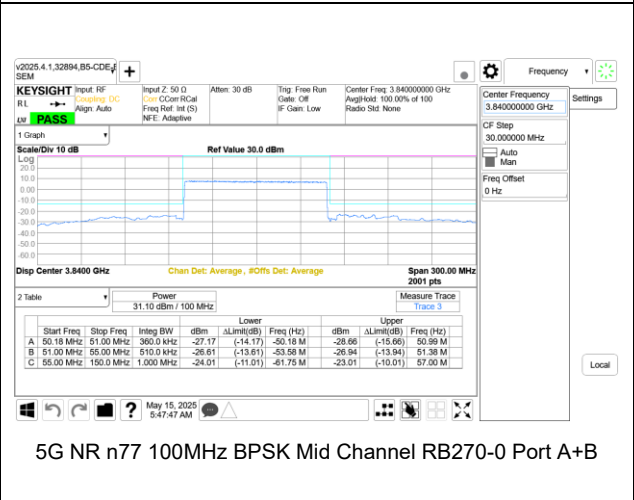
5G NR n77 100MHz BPSK Low Channel RB270-0 Port B



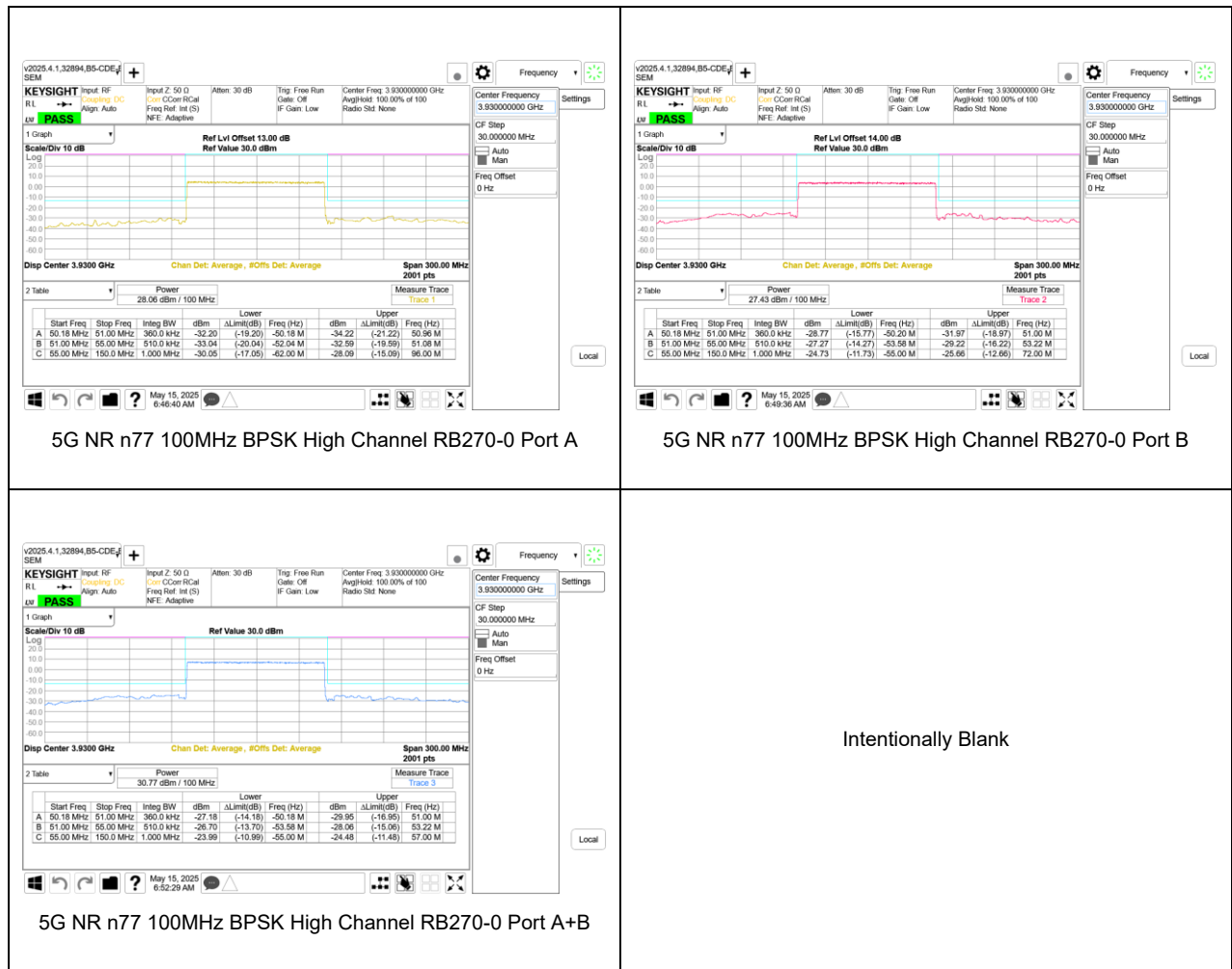
5G NR n77 100MHz BPSK Mid Channel RB270-0 Port B



5G NR n77 100MHz BPSK Low Channel RB270-0 Port A+B



5G NR n77 100MHz BPSK Mid Channel RB270-0 Port A+B



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.

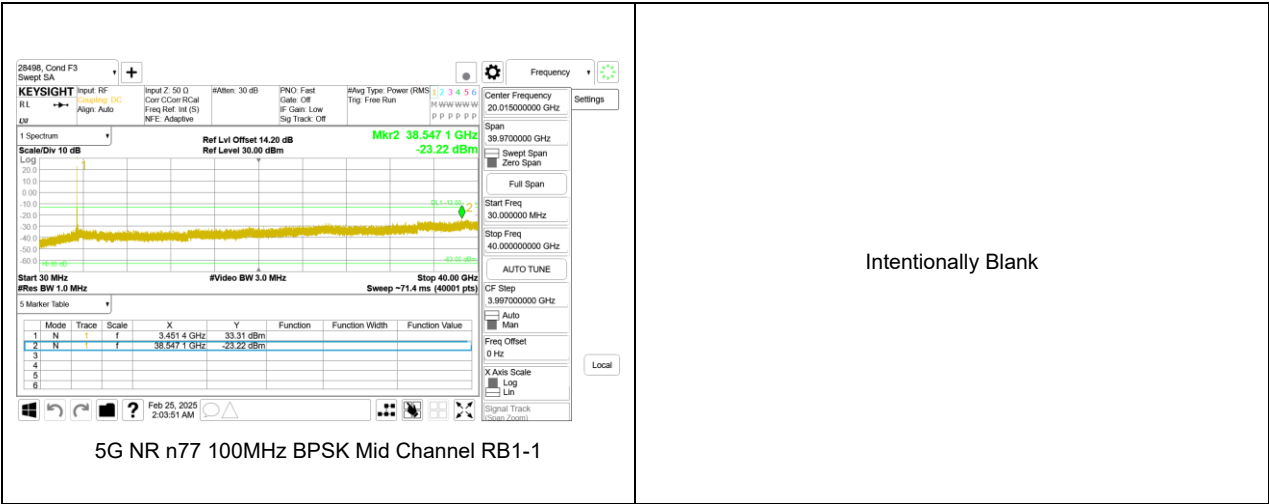
For each out of band emissions measurement:

- 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.

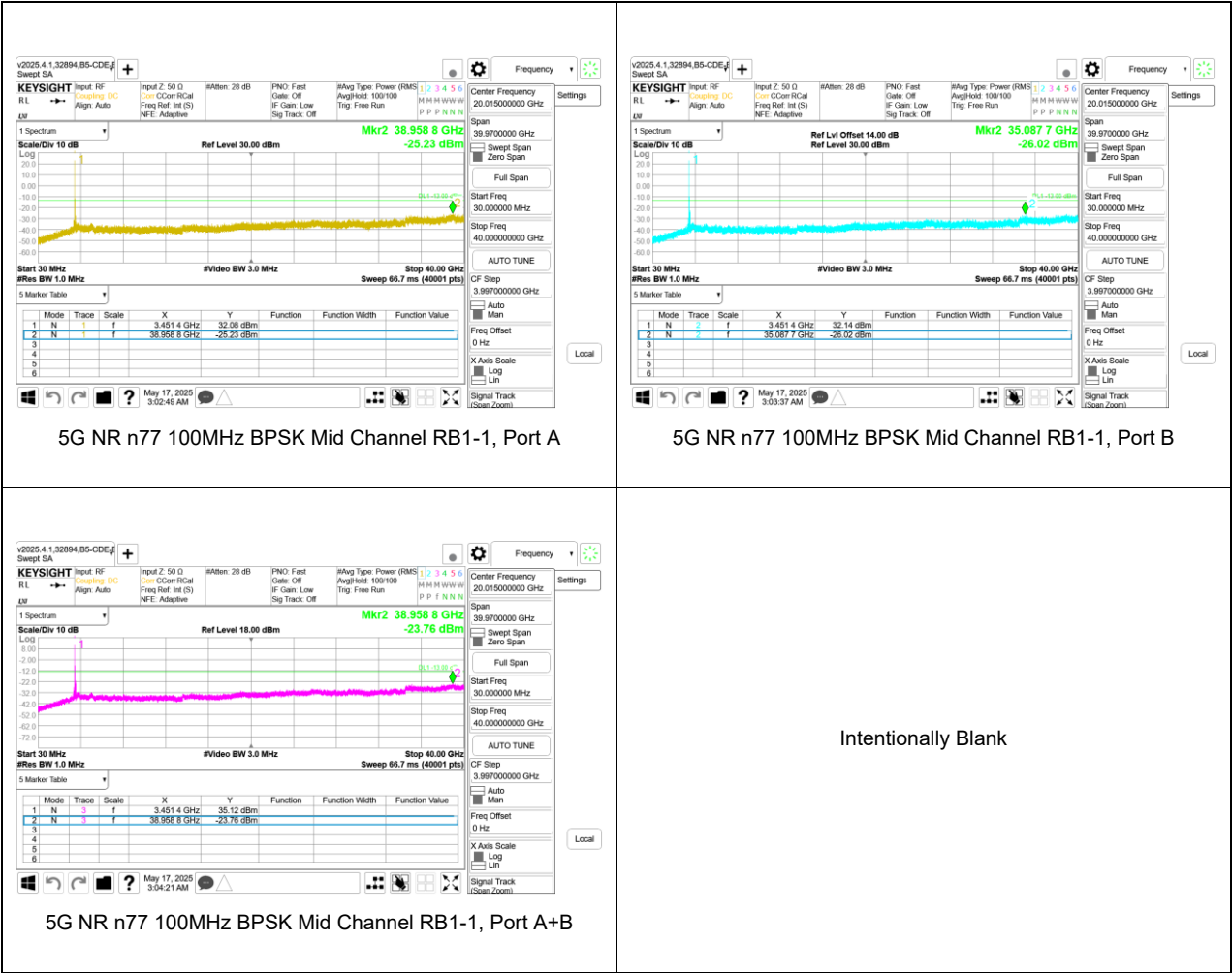
RESULTS

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

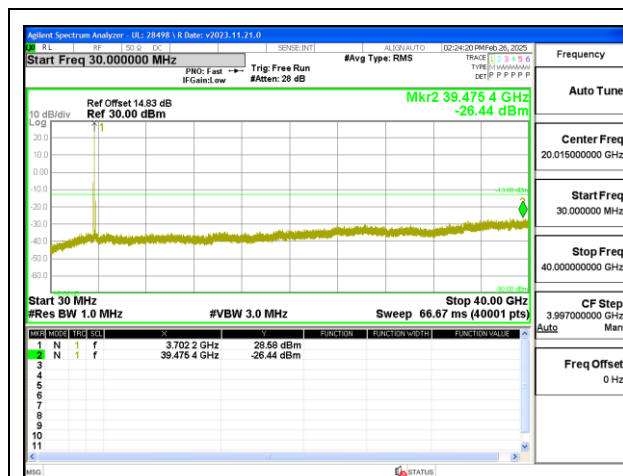


9.3.2. 5G NR n77 (FCC Part 27 3450-3550MHz, MIMO)

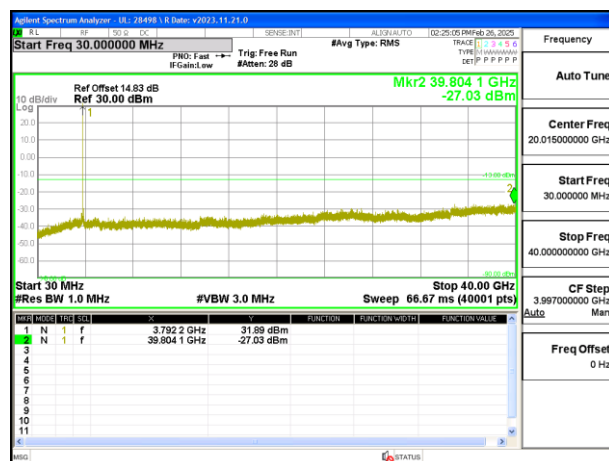
Port A= Ant 9; Port B= Ant 8



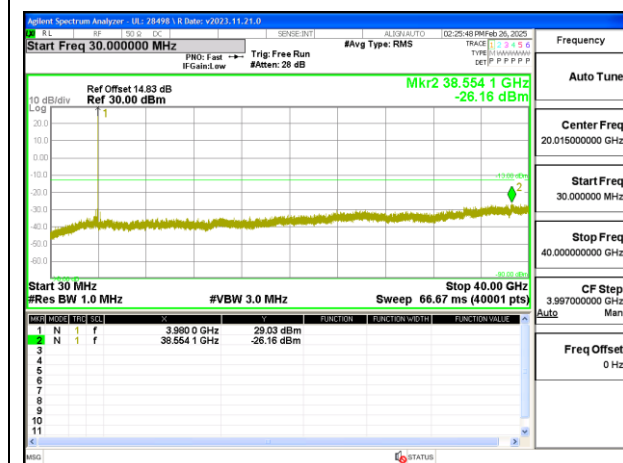
9.3.3. 5G NR n77 (FCC Part 27 3700-3980MHz, SISO)



5G NR n77 100MHz BPSK Low Channel RB1-0



5G NR n77 100MHz BPSK Mid Channel RB1-1

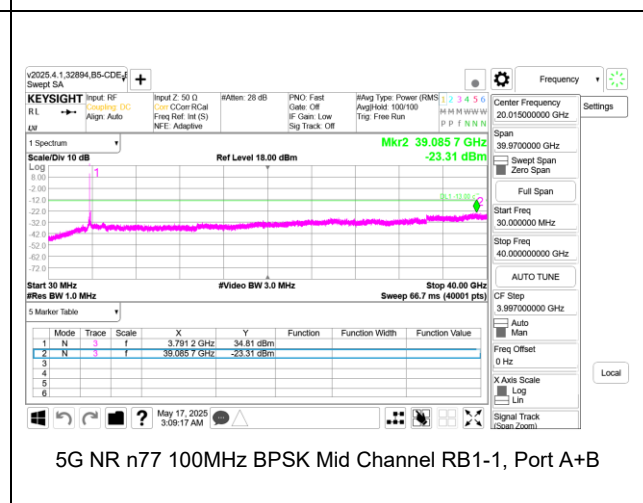
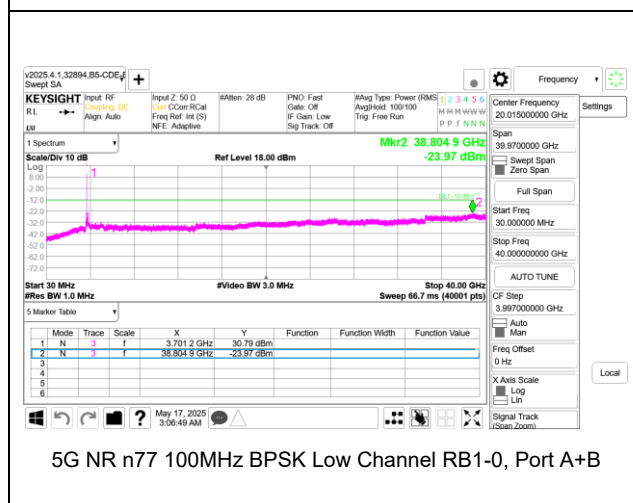
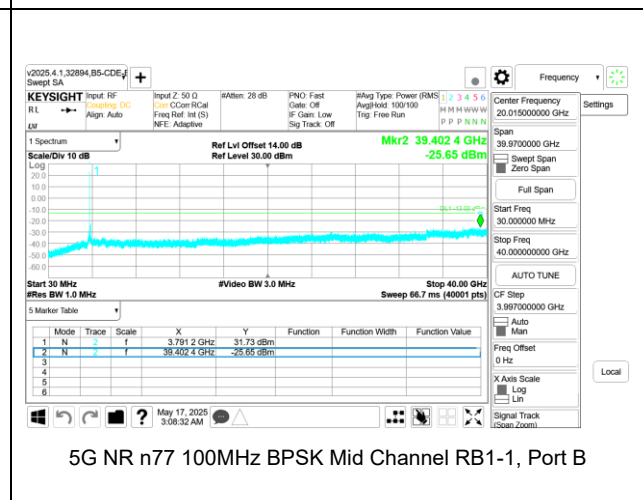
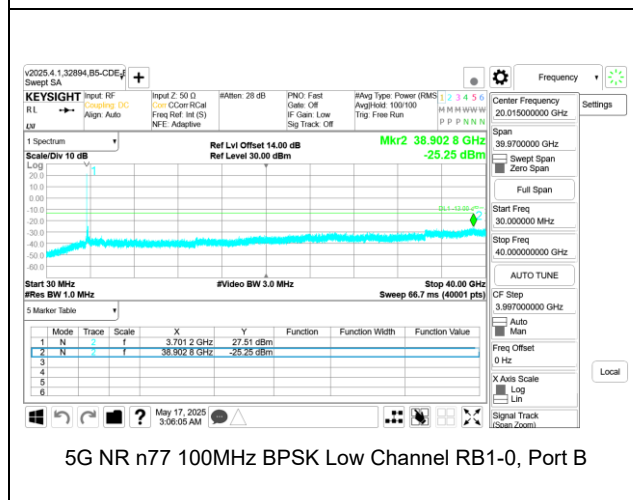
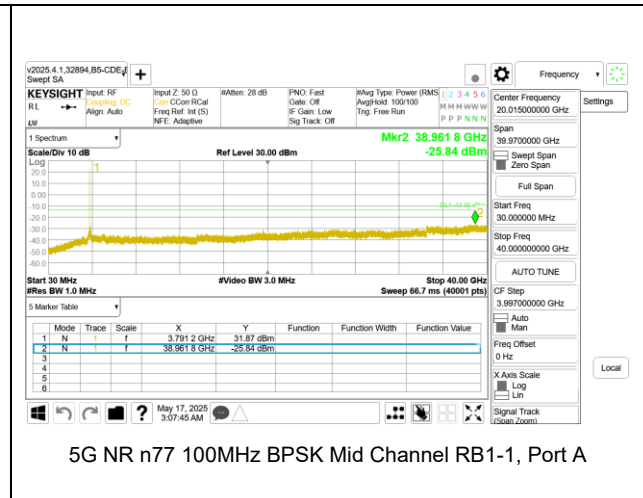
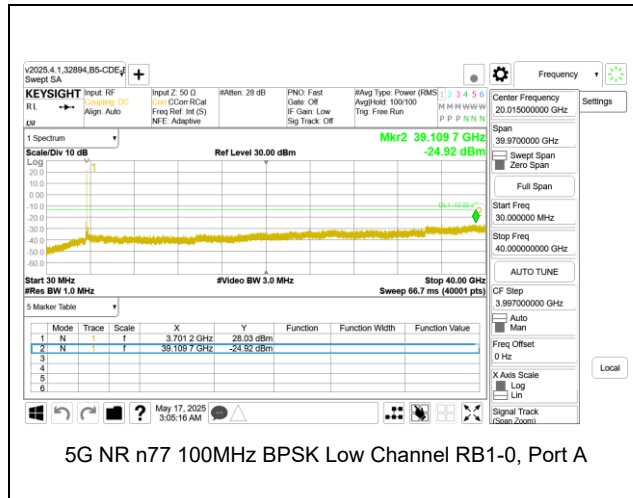


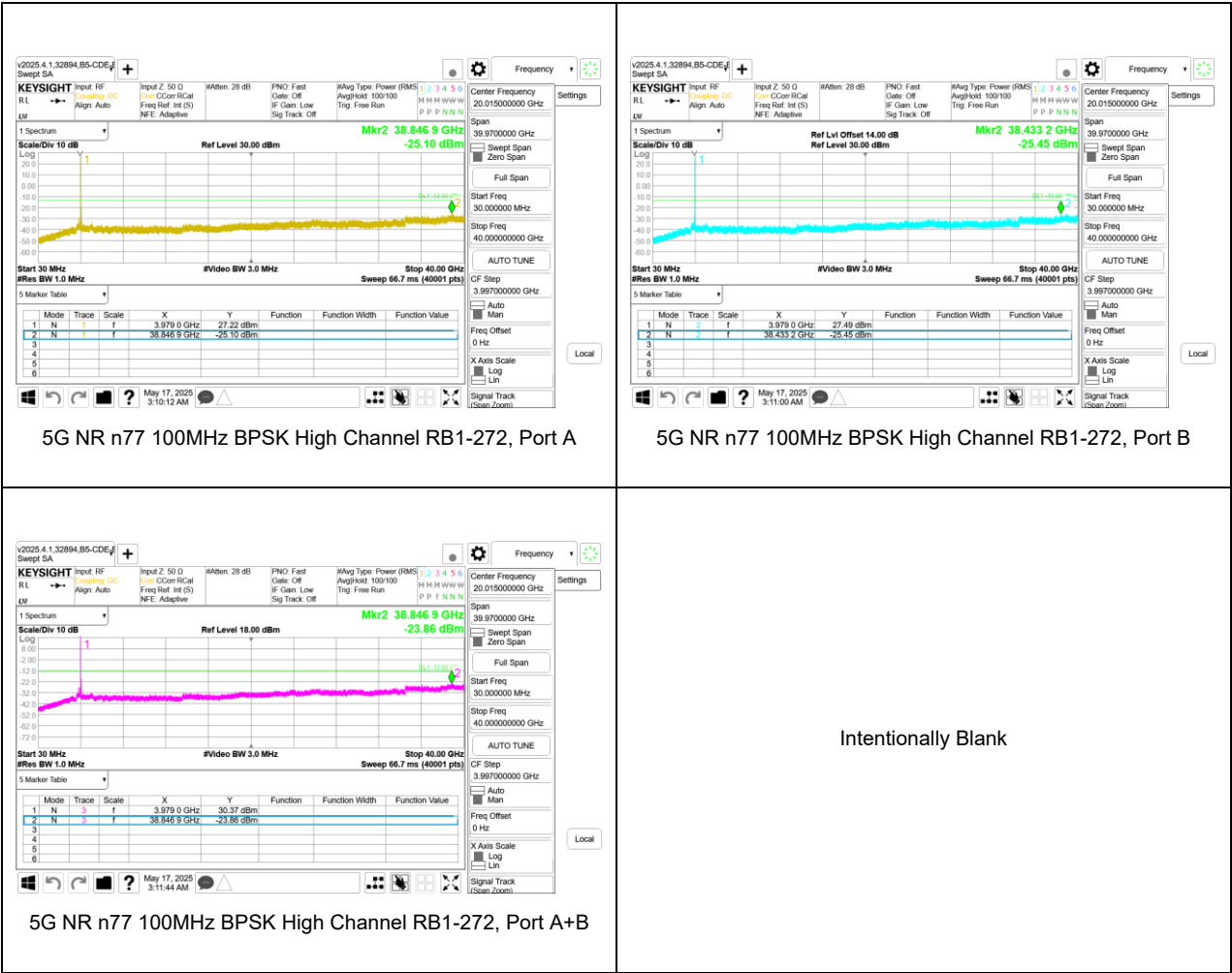
5G NR n77 100MHz BPSK High Channel RB1-272

Intentionally Blank

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

Port A= Ant 9; Port B= Ant 8





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, 3.2VDC.

Frequency Stability vs Temperature:

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

Frequency Stability vs Voltage:

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

RESULTS

See the following pages.

9.4.1. 5G NR n77 (BPSK 100MHz BANDWIDTH, FCC Part 27 3450-3550MHz)

Test Engineer ID:	32546	Test Date:	2025-03-06
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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)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	3451.1381	3547.7429			
Extreme (50°C)		3451.1381	3547.7429	-6.16	-0.002	Yes
Extreme (40°C)		3451.1381	3547.7429	-6.41	-0.002	Yes
Extreme (30°C)		3451.1381	3547.7429	-5.99	-0.002	Yes
Extreme (10°C)		3451.1381	3547.7429	-10.1	-0.003	Yes
Extreme (0°C)		3451.1381	3547.7429	-16.34	-0.005	Yes
Extreme (-10°C)		3451.1381	3547.7429	-13.33	-0.004	Yes
Extreme (-20°C)		3451.1381	3547.7429	-1.57	0.000	Yes
Extreme (-30°C)		3451.1381	3547.7429	-5.92	-0.002	Yes
20°C	15%	3451.1381	3547.7429	-7.22	-0.002	Yes
	-15%	3451.1381	3547.7429	-4.41	-0.001	Yes
	End Point Voltage	3451.1381	3547.7429	-2.36	-0.001	Yes

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

Test Engineer ID:	32546	Test Date:	2025-03-06
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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	3701.0985	3977.7231			
Extreme (50°C)		3701.0985	3977.7231	-3.32	-0.001	Yes
Extreme (40°C)		3701.0985	3977.7231	-4.12	-0.001	Yes
Extreme (30°C)		3701.0985	3977.7231	-2.74	-0.001	Yes
Extreme (10°C)		3701.0985	3977.7231	-9.33	-0.002	Yes
Extreme (0°C)		3701.0985	3977.7231	-3.63	-0.001	Yes
Extreme (-10°C)		3701.0985	3977.7231	-9.87	-0.003	Yes
Extreme (-20°C)		3701.0985	3977.7231	-18.64	-0.005	Yes
Extreme (-30°C)		3701.0985	3977.7231	-5.57	-0.001	Yes
20°C	15%	3701.0985	3977.7231	-1.29	0.000	Yes
	-15%	3701.0985	3977.7231	-6.96	-0.002	Yes
	End Point Voltage	3701.0985	3977.7231	-4.87	-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.

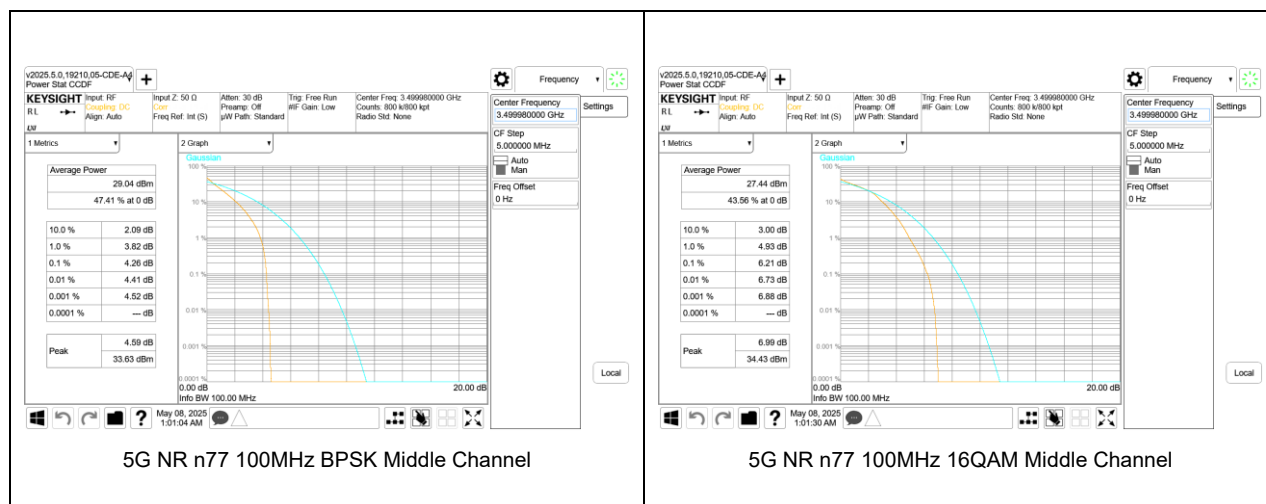
FCC: §27.50

(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

Antenna 9 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:	19210	Test Date:	2025-03-13
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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	33.14	28.98	4.16
					16QAM	33.89	27.44	6.45
	15MHz		36	0	BPSK	33.15	28.91	4.24
					16QAM	34.24	27.44	6.80
	20MHz		50	0	BPSK	33.18	29.08	4.10
					16QAM	34.05	27.38	6.67
	25MHz		64	0	BPSK	33.33	29.1	4.23
					16QAM	34.52	27.52	7.00
	30MHz		75	0	BPSK	32.87	28.8	4.07
					16QAM	34.11	27.26	6.85
	40MHz		100	0	BPSK	33.11	28.92	4.19
					16QAM	34.18	27.29	6.89
	50MHz		128	0	BPSK	33.21	28.99	4.22
					16QAM	34.23	27.4	6.83
	60MHz		162	0	BPSK	33.32	28.85	4.47
					16QAM	34.05	27.19	6.86
	70MHz		180	0	BPSK	33.21	28.91	4.30
					16QAM	34.31	27.26	7.05
	80MHz		216	0	BPSK	33.49	28.97	4.52
					16QAM	34.33	27.28	7.05
	90MHz		243	0	BPSK	33.41	29.1	4.31
					16QAM	34.08	27.49	6.59
	100MHz		270	0	BPSK	33.63	29.04	4.59
					16QAM	34.43	27.44	6.99
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:	19210	Test Date:	2025-05-07
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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	31.94	27.44	4.50
					16QAM	32.67	25.91	6.76
	15MHz		36	0	BPSK	32.01	27.45	4.56
					16QAM	32.79	26	6.79
	20MHz		50	0	BPSK	31.96	27.47	4.49
					16QAM	32.69	25.77	6.92
	25MHz		64	0	BPSK	31.90	27.27	4.63
					16QAM	32.70	25.72	6.98
	30MHz		75	0	BPSK	31.57	27	4.57
					16QAM	32.30	25.41	6.89
	40MHz		100	0	BPSK	31.92	27.15	4.77
					16QAM	32.54	25.45	7.09
	50MHz		128	0	BPSK	32.78	28.62	4.16
					16QAM	33.81	26.99	6.82
	60MHz		162	0	BPSK	32.81	28.5	4.31
					16QAM	33.74	26.94	6.80
	70MHz		180	0	BPSK	32.82	28.61	4.21
					16QAM	33.85	26.97	6.88
	80MHz		216	0	BPSK	32.97	28.72	4.25
					16QAM	33.76	26.94	6.82
	90MHz		243	0	BPSK	32.93	28.63	4.30
					16QAM	33.75	27.01	6.74
	100MHz		270	0	BPSK	33.27	28.57	4.70
					16QAM	34.07	26.98	7.09
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.

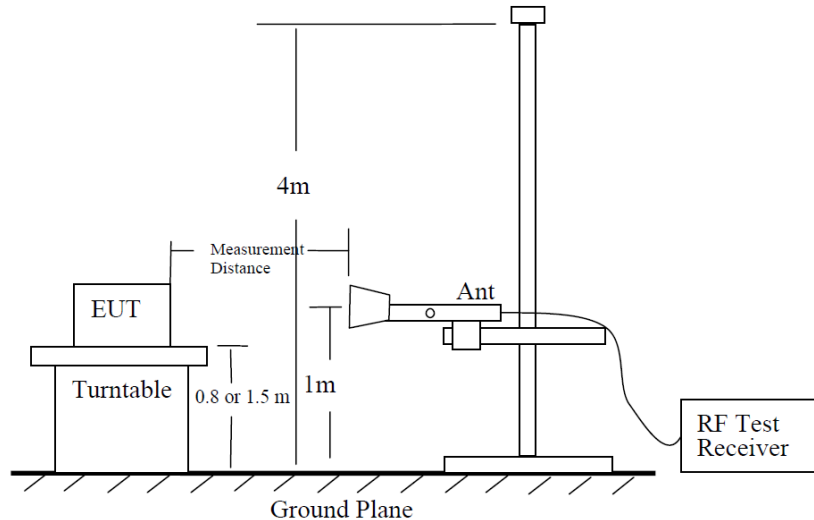


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

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.

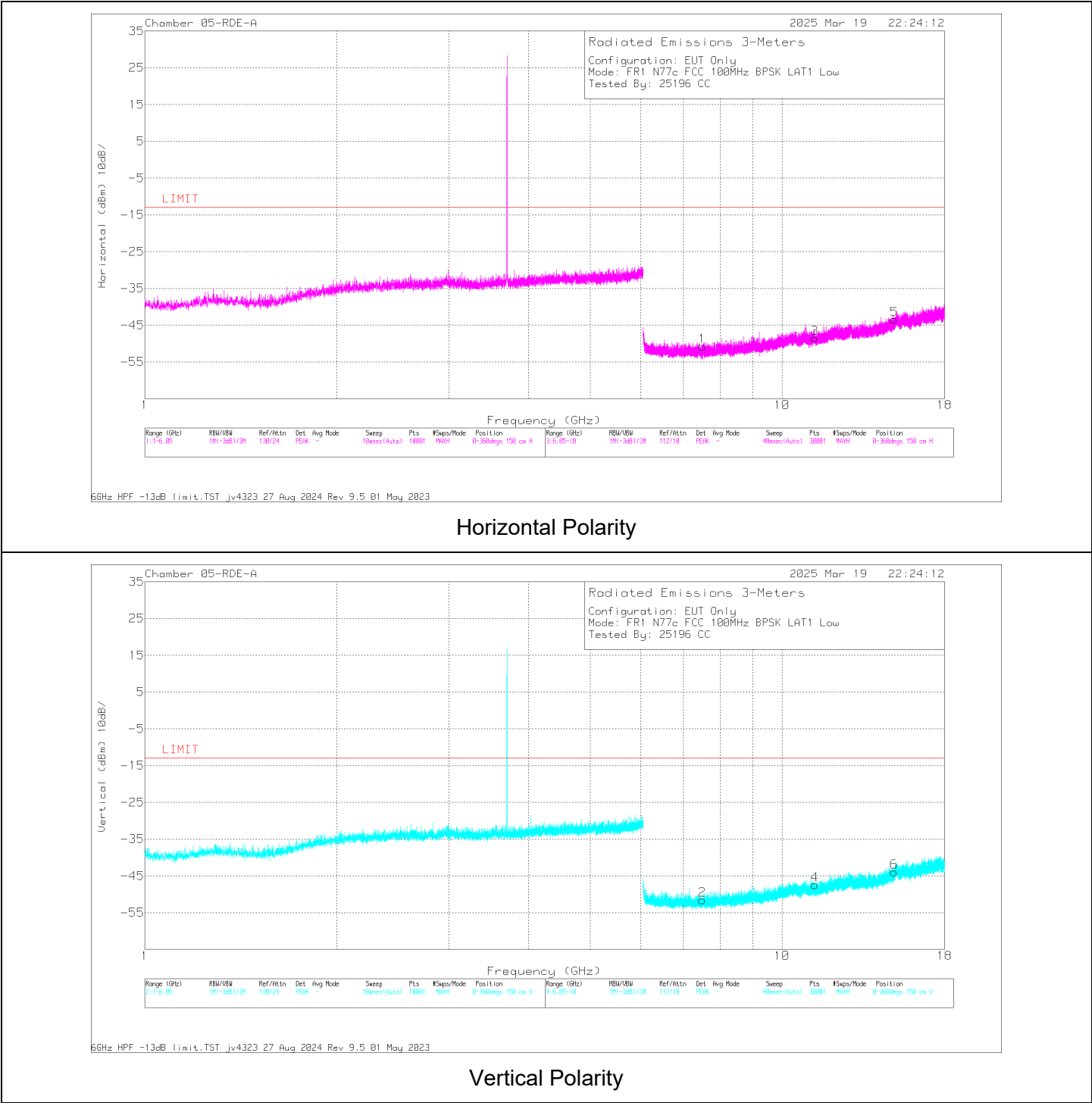
So, from d)

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	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT(dBm)	Margin (dB)	Polarity
7.500729	53.79	Pk	35.7	-95.2	-45.03	-50.74	-13	-37.74	H
7.498737	52.99	Pk	35.7	-95.2	-45.07	-51.58	-13	-38.58	V
11.264577	50.48	Pk	38	-95.2	-41.8	-48.52	-13	-35.52	H
11.262586	51.57	Pk	38	-95.2	-41.8	-47.43	-13	-34.43	V
15.002534	51.13	Pk	40	-95.2	-39.4	-43.47	-13	-30.47	H
15.002136	50.71	Pk	40	-95.2	-39.4	-43.89	-13	-30.89	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

BPSK 5G NR n77 (100.0MHz BANDWIDTH, ANT 4)

Date:	2025-06-29
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel 3500MHz									
6.998802	55.55	Pk	35.6	-95.2	-47.6	-51.65	-13	-38.65	H
6.999269	54.72	Pk	35.6	-95.2	-47.6	-52.48	-13	-39.48	V
10.501138	54.23	Pk	37.6	-95.2	-47.1	-50.47	-13	-37.47	H
10.500671	54.48	Pk	37.6	-95.2	-47.1	-50.22	-13	-37.22	V
14.000674	54.91	Pk	38.9	-95.2	-45.9	-47.29	-13	-34.29	H
14.000207	54.58	Pk	38.9	-95.2	-45.9	-47.62	-13	-34.62	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 7)

Date:	2025-06-29
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBUV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel 3500MHz									
7.000202	53.85	Pk	35.6	-95.2	-47.6	-53.35	-13	-40.35	H
6.999735	54.17	Pk	35.6	-95.2	-47.6	-53.03	-13	-40.03	V
10.502538	54.44	Pk	37.6	-95.2	-47.1	-50.26	-13	-37.26	H
10.501605	54.27	Pk	37.6	-95.2	-47.1	-50.43	-13	-37.43	V
13.99974	55.22	Pk	38.9	-95.2	-45.9	-46.98	-13	-33.98	H
14.001607	54.03	Pk	38.9	-95.2	-45.9	-48.17	-13	-35.17	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 8)

Date:	2025-06-29
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz
Chamber #:	05-RDE-A

Frequency (MHz)	Meter Reading (dBUV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel 3500MHz									
7.000669	55.39	Pk	35.6	-95.2	-47.6	-51.81	-13	-38.81	H
7.001135	54.13	Pk	35.6	-95.2	-47.6	-53.07	-13	-40.07	V
10.499738	55.21	Pk	37.5	-95.2	-47.07	-49.56	-13	-36.56	H
10.499738	54.68	Pk	37.5	-95.2	-47.07	-50.09	-13	-37.09	V
14.000674	54.6	Pk	38.9	-95.2	-45.9	-47.60	-13	-34.60	H
14.000207	54.95	Pk	38.9	-95.2	-45.9	-47.25	-13	-34.25	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9)

Date:	2025-06-29
Test Engineer:	45258
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel 3500MHz									
6.999269	55.02	Pk	35.6	-95.2	-47.6	-52.18	-13	-39.18	H
6.999735	54.07	Pk	35.6	-95.2	-47.6	-53.13	-13	-40.13	V
10.500671	54.35	Pk	37.6	-95.2	-47.1	-50.35	-13	-37.35	H
10.502071	54.91	Pk	37.6	-95.2	-47.1	-49.79	-13	-36.79	V
14.00114	55.38	Pk	38.9	-95.2	-45.9	-46.82	-13	-33.82	H
14.001607	54.87	Pk	38.9	-95.2	-45.9	-47.33	-13	-34.33	V

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

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9+8)

Date:	2025-03-19
Test Engineer:	25196
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz MIMO
Chamber #:	05-RDE-A

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
6.899246	51.86	Pk	35.8	-95.2	-46.17	-53.71	-13	-40.71	H
6.899246	53.69	Pk	35.8	-95.2	-46.17	-51.88	-13	-38.88	V
10.349606	54.54	Pk	37.4	-95.2	-47.13	-50.39	-13	-37.39	H
10.349407	54.91	Pk	37.4	-95.2	-47.13	-50.02	-13	-37.02	V
13.799170	54.38	Pk	38.8	-95.2	-45.57	-47.59	-13	-34.59	H
13.799170	53.28	Pk	38.8	-95.2	-45.57	-48.69	-13	-35.69	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9+7)

Date:	4/21/2025
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
7.250576	52.94	Pk	35.7	-95.2	-46.61	-53.17	-13	-40.17	H
7.250576	52.82	Pk	35.7	-95.2	-46.61	-53.29	-13	-40.29	V
10.875008	51.48	Pk	37.7	-95.2	-44.44	-50.46	-13	-37.46	H
10.875008	52.33	Pk	37.7	-95.2	-44.44	-49.61	-13	-36.61	V
14.500236	54.23	Pk	39.4	-95.2	-45.26	-46.83	-13	-33.83	H
14.500236	54.34	Pk	39.4	-95.2	-45.26	-46.72	-13	-33.72	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 4+8)

Date:	4/21/2025
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
7.250177	53.11	Pk	35.7	-95.2	-46.61	-53.00	-13	-40.00	H
7.250177	53.98	Pk	35.7	-95.2	-46.61	-52.13	-13	-39.13	V
10.875804	51.85	Pk	37.7	-95.2	-44.46	-50.11	-13	-37.11	H
10.875804	52.50	Pk	37.7	-95.2	-44.46	-49.46	-13	-36.46	V
14.500635	53.51	Pk	39.4	-95.2	-45.27	-47.56	-13	-34.56	H
14.500635	54.94	Pk	39.4	-95.2	-45.27	-46.13	-13	-33.13	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 4+7)

Date:	2025-03-27
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
6.899246	52.76	Pk	35.8	-95.2	-46.17	-52.81	-13	-39.81	H
6.899246	53.51	Pk	35.8	-95.2	-46.17	-52.06	-13	-39.06	V
10.349208	54.29	Pk	37.4	-95.2	-47.13	-50.64	-13	-37.64	H
10.349208	53.98	Pk	37.4	-95.2	-47.13	-50.95	-13	-37.95	V
13.799170	54.18	Pk	38.8	-95.2	-45.57	-47.79	-13	-34.79	H
13.799170	53.79	Pk	38.8	-95.2	-45.57	-48.18	-13	-35.18	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 7+8)

Date:	2025-04-23
Test Engineer:	23522
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
7.350159	54.02	Pk	35.7	-95.2	-47.24	-52.72	-13	-39.72	H
7.350159	52.76	Pk	35.7	-95.2	-47.24	-53.98	-13	-40.98	V
11.025578	53.25	Pk	37.8	-95.2	-44.87	-49.02	-13	-36.02	H
11.025578	52.29	Pk	37.8	-95.2	-44.87	-49.98	-13	-36.98	V
14.700996	53.31	Pk	39.5	-95.2	-45.63	-48.02	-13	-35.02	H
14.700996	53.71	Pk	39.5	-95.2	-45.63	-47.62	-13	-34.62	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9+4)

Date:	2025-04-21
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77A BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBUV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
7.250177	53.82	Pk	35.7	-95.2	-46.61	-52.29	-13	-39.29	H
7.250177	54.34	Pk	35.7	-95.2	-46.61	-51.77	-13	-38.77	V
10.875804	52.47	Pk	37.7	-95.2	-44.46	-49.49	-13	-36.49	H
10.875804	54.04	Pk	37.7	-95.2	-44.46	-47.92	-13	-34.92	V
14.500236	54.95	Pk	39.4	-95.2	-45.26	-46.11	-13	-33.11	H
14.500236	54.48	Pk	39.4	-95.2	-45.26	-46.58	-13	-33.58	V

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

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 4)

Date:	2025-03-20
Test Engineer:	25196
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz
Chamber #:	05-RDE-A

Frequency (MHz)	Meter Reading (dBuV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.498339	52.90	Pk	35.7	-95.2	-45.03	-51.63	-13	-38.63	H
7.501127	53.21	Pk	35.7	-95.2	-45.00	-51.29	-13	-38.29	V
11.266171	51.76	Pk	38.0	-95.2	-41.80	-47.24	-13	-34.24	H
11.265772	52.03	Pk	38.0	-95.2	-41.80	-46.97	-13	-33.97	V
15.005721	50.95	Pk	40.0	-95.2	-39.50	-43.75	-13	-30.75	H
15.003331	50.51	Pk	40.0	-95.2	-39.40	-44.09	-13	-31.09	V
Mid Channel, 3840MHz									
7.869983	52.16	Pk	35.8	-95.2	-44.10	-51.34	-13	-38.34	H
7.869983	53.57	Pk	35.8	-95.2	-44.10	-49.93	-13	-36.93	V
11.779224	50.65	Pk	38.6	-95.2	-41.52	-47.47	-13	-34.47	H
11.780419	50.40	Pk	38.6	-95.2	-41.56	-47.76	-13	-34.76	V
15.715152	50.28	Pk	40.6	-95.2	-38.30	-42.62	-13	-29.62	H
15.715949	50.30	Pk	40.6	-95.2	-38.30	-42.60	-13	-29.60	V
High Channel, 3930MHz									
7.867593	53.81	Pk	35.8	-95.2	-44.04	-49.63	-13	-36.63	H
7.869187	52.94	Pk	35.8	-95.2	-44.10	-50.56	-13	-37.56	V
11.799937	50.17	Pk	38.6	-95.2	-41.50	-47.93	-13	-34.93	H
11.799539	50.60	Pk	38.6	-95.2	-41.50	-47.50	-13	-34.50	V
15.716745	49.81	Pk	40.6	-95.2	-38.23	-43.02	-13	-30.02	V
15.716347	50.03	Pk	40.6	-95.2	-38.27	-42.84	-13	-29.84	H

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 7)

Date:	2025-5-13
Test Engineer:	45258
Configuration:	EUT Only
Mode:	FR1 n77C 100MHz BPSK
Chamber #:	03-RDE-B

Frequency (MHz)	Meter Reading (dBuV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.501924	54.75	Pk	35.7	-95.2	-47.90	-52.65	-13	-39.65	H
7.499135	54.71	Pk	35.7	-95.2	-47.90	-52.69	-13	-39.69	V
11.248246	53.26	Pk	38.0	-95.2	-46.00	-49.94	-13	-36.94	H
11.247847	54.84	Pk	38.0	-95.2	-46.00	-48.36	-13	-35.36	V
15.002933	53.83	Pk	39.6	-95.2	-45.29	-47.06	-13	-34.06	H
15.003729	55.71	Pk	39.6	-95.2	-45.30	-45.19	-13	-32.19	V
Mid Channel, 3840MHz									
7.679979	54.90	Pk	35.8	-95.2	-47.10	-51.60	-13	-38.60	H
7.679979	54.60	Pk	35.8	-95.2	-47.10	-51.90	-13	-38.90	V
11.521502	53.65	Pk	38.2	-95.2	-46.05	-49.40	-13	-36.40	H
11.520307	53.60	Pk	38.2	-95.2	-46.03	-49.43	-13	-36.43	V
15.360237	54.40	Pk	39.9	-95.2	-45.08	-45.98	-13	-32.98	H
15.361034	54.96	Pk	39.9	-95.2	-45.00	-45.34	-13	-32.34	V
High Channel, 3930MHz									
7.862415	55.47	Pk	35.9	-95.2	-47.46	-51.29	-13	-38.29	H
7.862017	54.50	Pk	35.9	-95.2	-47.50	-52.30	-13	-39.30	V
11.791572	53.57	Pk	38.5	-95.2	-45.90	-49.03	-13	-36.03	H
11.789580	53.28	Pk	38.5	-95.2	-45.84	-49.26	-13	-36.26	V
15.722322	55.15	Pk	40.4	-95.2	-44.96	-44.61	-13	-31.61	H
15.719932	54.09	Pk	40.4	-95.2	-45.01	-45.72	-13	-32.72	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 8)

Date:	2025-03-19
Test Engineer:	26051
Configuration:	EUT Only
Mode:	FR1 n77C 100MHz BPSK
Chamber #:	05-RDE-A

Frequency (MHz)	Meter Reading (dBuV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.503915	53.69	Pk	35.7	-95.2	-44.9	-50.71	-13	-37.71	H
7.497542	54.12	Pk	35.7	-95.2	-45.05	-50.43	-13	-37.43	V
11.250237	51.90	Pk	38.0	-95.2	-41.60	-46.90	-13	-33.90	H
11.257806	53.08	Pk	38.0	-95.2	-41.68	-45.80	-13	-32.80	V
15.002534	51.34	Pk	40.0	-95.2	-39.40	-43.26	-13	-30.26	H
15.009704	51.23	Pk	40.0	-95.2	-39.60	-43.57	-13	-30.57	V
Mid Channel, 3840MHz									
7.674004	53.62	Pk	35.8	-95.2	-44.6	-50.38	-13	-37.38	H
7.672012	53.25	Pk	35.8	-95.2	-44.6	-50.75	-13	-37.75	V
11.527079	51.49	Pk	38.2	-95.2	-41.5	-47.01	-13	-34.01	H
11.518315	51.43	Pk	38.2	-95.2	-41.8	-47.37	-13	-34.37	V
15.375374	52.27	Pk	40.3	-95.2	-39.2	-41.83	-13	-28.83	H
15.376569	51.15	Pk	40.3	-95.2	-39.2	-42.95	-13	-29.95	V
High Channel, 3930MHz									
7.871975	52.98	Pk	35.8	-95.2	-44.20	-50.62	-13	-37.62	H
7.873170	52.63	Pk	35.8	-95.2	-44.20	-50.97	-13	-37.97	V
11.787589	51.40	Pk	38.6	-95.2	-41.50	-46.70	-13	-33.70	H
11.793165	51.53	Pk	38.6	-95.2	-41.58	-46.65	-13	-33.65	V
15.719932	50.41	Pk	40.7	-95.2	-38.19	-42.28	-13	-29.28	H
15.724712	51.06	Pk	40.7	-95.2	-38.03	-41.47	-13	-28.47	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9)

Date:	2025-03-19
Test Engineer:	25196
Configuration:	EUT Only
Mode:	FR1 n77C 100MHz BPSK
Chamber #:	05-RDE-A

Frequency (MHz)	Meter Reading (dBuV)	Det	80403 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.500729	53.79	Pk	35.7	-95.2	-45.03	-50.74	-13	-37.74	H
7.498737	52.99	Pk	35.7	-95.2	-45.07	-51.58	-13	-38.58	V
11.264577	50.48	Pk	38.0	-95.2	-41.80	-48.52	-13	-35.52	H
11.262586	51.57	Pk	38.0	-95.2	-41.80	-47.43	-13	-34.43	V
15.002534	51.13	Pk	40.0	-95.2	-39.40	-43.47	-13	-30.47	H
15.002136	50.71	Pk	40.0	-95.2	-39.40	-43.89	-13	-30.89	V
Mid Channel, 3840MHz									
7.680775	53.28	Pk	35.8	-95.2	-44.80	-50.92	-13	-37.92	H
7.683564	53.04	Pk	35.8	-95.2	-44.80	-51.16	-13	-38.16	V
11.519909	51.54	Pk	38.2	-95.2	-41.80	-47.26	-13	-34.26	H
11.519909	50.86	Pk	38.2	-95.2	-41.80	-47.94	-13	-34.94	V
15.367407	50.42	Pk	40.3	-95.2	-39.04	-43.52	-13	-30.52	H
15.370992	51.35	Pk	40.3	-95.2	-39.20	-42.75	-13	-29.75	V
High Channel, 3930MHz									
7.855643	53.36	Pk	35.8	-95.2	-44.30	-50.34	-13	-37.34	H
7.855245	52.28	Pk	35.8	-95.2	-44.30	-51.42	-13	-38.42	V
11.800734	51.56	Pk	38.6	-95.2	-41.50	-46.54	-13	-33.54	H
11.799937	50.30	Pk	38.6	-95.2	-41.50	-47.80	-13	-34.80	V
15.717940	49.83	Pk	40.6	-95.2	-38.11	-42.88	-13	-29.88	H
15.714355	50.09	Pk	40.6	-95.2	-38.24	-42.75	-13	-29.75	V

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

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9+8)

Date:	2025-03-27
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.040654	53.13	Pk	35.7	-95.2	-46.31	-52.68	-13	-39.68	H
7.040654	52.72	Pk	35.7	-95.2	-46.31	-53.09	-13	-40.09	V
10.560325	54.07	Pk	37.6	-95.2	-45.64	-49.17	-13	-36.17	H
10.560325	53.11	Pk	37.6	-95.2	-45.64	-50.13	-13	-37.13	V
14.080393	55.33	Pk	38.9	-95.2	-45.77	-46.74	-13	-33.74	H
14.080393	53.76	Pk	38.9	-95.2	-45.77	-48.31	-13	-35.31	V
Mid Channel, 3840MHz									
7.580395	55.3	Pk	35.7	-95.2	-47.42	-51.62	-13	-38.62	H
7.580395	54.21	Pk	35.7	-95.2	-47.42	-52.71	-13	-39.71	V
11.370534	52.44	Pk	38.0	-95.2	-44.78	-49.54	-13	-36.54	H
11.370534	51.75	Pk	38.0	-95.2	-44.78	-50.23	-13	-37.23	V
15.160274	53.39	Pk	39.7	-95.2	-45.20	-47.31	-13	-34.31	H
15.160274	54.60	Pk	39.7	-95.2	-45.20	-46.10	-13	-33.10	V
High Channel, 3930MHz									
7.760044	52.75	Pk	35.8	-95.2	-46.99	-53.64	-13	-40.64	H
7.760044	53.50	Pk	35.8	-95.2	-46.99	-52.89	-13	-39.89	V
11.641002	51.99	Pk	38.3	-95.2	-44.73	-49.64	-13	-36.64	H
11.641002	53.19	Pk	38.3	-95.2	-44.73	-48.44	-13	-35.44	V
15.520765	53.72	Pk	40.2	-95.2	-45.32	-46.60	-13	-33.60	H
15.520765	53.84	Pk	40.2	-95.2	-45.32	-46.48	-13	-33.48	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9+7)

Date:	4-22-2025
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.400349	52.66	Pk	35.7	-95.2	-46.63	-53.47	-13	-40.47	H
7.400349	54.16	Pk	35.7	-95.2	-46.63	-51.97	-13	-38.97	V
11.100464	51.98	Pk	37.8	-95.2	-44.75	-50.17	-13	-37.17	H
11.100464	52.09	Pk	37.8	-95.2	-44.75	-50.06	-13	-37.06	V
14.800978	53.91	Pk	39.5	-95.2	-45.31	-47.10	-13	-34.10	H
14.800978	53.56	Pk	39.5	-95.2	-45.31	-47.45	-13	-34.45	V
Mid Channel, 3840MHz									
7.580794	53.33	Pk	35.7	-95.2	-47.43	-53.60	-13	-40.60	H
7.580794	54.12	Pk	35.7	-95.2	-47.43	-52.81	-13	-39.81	V
11.370932	52.48	Pk	38.0	-95.2	-44.78	-49.50	-13	-36.50	H
11.370932	51.41	Pk	38.0	-95.2	-44.78	-50.57	-13	-37.57	V
15.160274	53.35	Pk	39.7	-95.2	-45.20	-47.35	-13	-34.35	H
15.160274	53.17	Pk	39.7	-95.2	-45.20	-47.53	-13	-34.53	V
High Channel, 3930MHz									
7.760044	52.89	Pk	35.8	-95.2	-46.99	-53.50	-13	-40.50	H
7.760044	54.61	Pk	35.8	-95.2	-46.99	-51.78	-13	-38.78	V
11.641002	52.72	Pk	38.3	-95.2	-44.73	-48.91	-13	-35.91	H
11.641002	51.96	Pk	38.3	-95.2	-44.73	-49.67	-13	-36.67	V
15.520765	54.66	Pk	40.2	-95.2	-45.32	-45.66	-13	-32.66	H
15.520765	53.38	Pk	40.2	-95.2	-45.32	-46.94	-13	-33.94	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 4+8)

Date:	4-22-2025
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.400349	53.08	Pk	35.7	-95.2	-46.63	-53.05	-13	-40.05	H
7.400349	53.07	Pk	35.7	-95.2	-46.63	-53.06	-13	-40.06	V
11.100862	53.11	Pk	37.8	-95.2	-44.74	-49.03	-13	-36.03	H
11.100862	52.62	Pk	37.8	-95.2	-44.74	-49.52	-13	-36.52	V
14.800181	54.09	Pk	39.5	-95.2	-45.29	-46.90	-13	-33.90	H
14.800181	52.46	Pk	39.5	-95.2	-45.29	-48.53	-13	-35.53	V
Mid Channel, 3840MHz									
7.580794	54.61	Pk	35.7	-95.2	-47.43	-52.32	-13	-39.32	H
7.580794	54.47	Pk	35.7	-95.2	-47.43	-52.46	-13	-39.46	V
11.370136	53.38	Pk	38.0	-95.2	-44.78	-48.60	-13	-35.60	H
11.370136	53.01	Pk	38.0	-95.2	-44.78	-48.97	-13	-35.97	V
15.160672	54.39	Pk	39.7	-95.2	-45.19	-46.30	-13	-33.30	H
15.160672	53.31	Pk	39.7	-95.2	-45.19	-47.38	-13	-34.38	V
High Channel, 3930MHz									
7.760044	52.89	Pk	35.8	-95.2	-46.99	-53.50	-13	-40.50	H
7.760044	54.61	Pk	35.8	-95.2	-46.99	-51.78	-13	-38.78	V
11.641002	52.72	Pk	38.3	-95.2	-44.73	-48.91	-13	-35.91	H
11.641002	51.96	Pk	38.3	-95.2	-44.73	-49.67	-13	-36.67	V
15.520765	54.66	Pk	40.2	-95.2	-45.32	-45.66	-13	-32.66	H
15.520765	53.38	Pk	40.2	-95.2	-45.32	-46.94	-13	-33.94	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 4+7)

Date:	2025-03-27
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.040654	53.13	Pk	35.7	-95.2	-46.31	-52.68	-13	-39.68	H
7.040654	52.72	Pk	35.7	-95.2	-46.31	-53.09	-13	-40.09	V
10.560325	54.07	Pk	37.6	-95.2	-45.64	-49.17	-13	-36.17	H
10.560325	53.11	Pk	37.6	-95.2	-45.64	-50.13	-13	-37.13	V
14.080393	55.33	Pk	38.9	-95.2	-45.77	-46.74	-13	-33.74	H
14.080393	53.76	Pk	38.9	-95.2	-45.77	-48.31	-13	-35.31	V
Mid Channel, 3840MHz									
7.580395	55.30	Pk	35.7	-95.2	-47.42	-51.62	-13	-38.62	H
7.580395	54.21	Pk	35.7	-95.2	-47.42	-52.71	-13	-39.71	V
11.370534	52.44	Pk	38.0	-95.2	-44.78	-49.54	-13	-36.54	H
11.370534	51.75	Pk	38.0	-95.2	-44.78	-50.23	-13	-37.23	V
15.160274	53.39	Pk	39.7	-95.2	-45.20	-47.31	-13	-34.31	H
15.160274	54.60	Pk	39.7	-95.2	-45.20	-46.10	-13	-33.10	V
High Channel, 3930MHz									
7.760044	52.75	Pk	35.8	-95.2	-46.99	-53.64	-13	-40.64	H
7.760044	53.50	Pk	35.8	-95.2	-46.99	-52.89	-13	-39.89	V
11.641002	51.99	Pk	38.3	-95.2	-44.73	-49.64	-13	-36.64	H
11.641002	53.19	Pk	38.3	-95.2	-44.73	-48.44	-13	-35.44	V
15.520765	53.72	Pk	40.2	-95.2	-45.32	-46.60	-13	-33.60	H
15.520765	53.84	Pk	40.2	-95.2	-45.32	-46.48	-13	-33.48	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 7+8)

Date:	2025-04-22
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.400747	52.77	Pk	35.7	-95.2	-46.64	-53.37	-13	-40.37	H
7.400747	52.67	Pk	35.7	-95.2	-46.64	-53.47	-13	-40.47	V
11.100464	53.17	Pk	37.8	-95.2	-44.75	-48.98	-13	-35.98	H
11.100464	52.82	Pk	37.8	-95.2	-44.75	-49.33	-13	-36.33	V
14.800181	54.09	Pk	39.5	-95.2	-45.29	-46.90	-13	-33.90	H
14.800181	55.03	Pk	39.5	-95.2	-45.29	-45.96	-13	-32.96	V
Mid Channel, 3840MHz									
7.580395	53.44	Pk	35.7	-95.2	-47.42	-53.48	-13	-40.48	H
7.580395	54.56	Pk	35.7	-95.2	-47.42	-52.36	-13	-39.36	V
11.370932	52.64	Pk	38.0	-95.2	-44.78	-49.34	-13	-36.34	H
11.370932	52.83	Pk	38.0	-95.2	-44.78	-49.15	-13	-36.15	V
15.160274	53.27	Pk	39.7	-95.2	-45.20	-47.43	-13	-34.43	H
15.160274	53.81	Pk	39.7	-95.2	-45.20	-46.89	-13	-33.89	V
High Channel, 3930MHz									
7.760442	53.99	Pk	35.8	-95.2	-46.99	-52.40	-13	-39.40	H
7.760442	53.16	Pk	35.8	-95.2	-46.99	-53.23	-13	-40.23	V
11.640604	52.72	Pk	38.3	-95.2	-44.72	-48.90	-13	-35.90	H
11.640604	52.20	Pk	38.3	-95.2	-44.72	-49.42	-13	-36.42	V
15.520367	54.66	Pk	40.2	-95.2	-45.33	-45.67	-13	-32.67	H
15.520367	53.97	Pk	40.2	-95.2	-45.33	-46.36	-13	-33.36	V

BPSK 5G NR n77 (100.0MHZ BANDWIDTH, ANT 9+4)

Date:	2025-04-22
Test Engineer:	25019
Configuration:	EUT Only
Mode:	5G NR n77C BPSK 100MHz MIMO
Chamber #:	04-RDE-P

Frequency (MHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.400349	53.04	Pk	35.7	-95.2	-46.63	-53.09	-13	-40.09	H
7.400349	53.13	Pk	35.7	-95.2	-46.63	-53.00	-13	-40.00	V
11.100464	51.50	Pk	37.8	-95.2	-44.75	-50.65	-13	-37.65	H
11.100464	51.68	Pk	37.8	-95.2	-44.75	-50.47	-13	-37.47	V
14.800181	54.25	Pk	39.5	-95.2	-45.29	-46.74	-13	-33.74	H
14.800181	54.41	Pk	39.5	-95.2	-45.29	-46.58	-13	-33.58	V
Mid Channel, 3840MHz									
7.579997	54.22	Pk	35.7	-95.2	-47.40	-52.68	-13	-39.68	H
7.579997	55.88	Pk	35.7	-95.2	-47.40	-51.02	-13	-38.02	V
11.370136	52.46	Pk	38.0	-95.2	-44.78	-49.52	-13	-36.52	H
11.370136	54.40	Pk	38.0	-95.2	-44.78	-47.58	-13	-34.58	V
15.160672	53.80	Pk	39.7	-95.2	-45.19	-46.89	-13	-33.89	H
15.160672	53.52	Pk	39.7	-95.2	-45.19	-47.17	-13	-34.17	V
High Channel, 3930MHz									
7.760044	54.16	Pk	35.8	-95.2	-46.99	-52.23	-13	-39.23	H
7.760044	52.85	Pk	35.8	-95.2	-46.99	-53.54	-13	-40.54	V
11.640205	54.39	Pk	38.3	-95.2	-44.71	-47.22	-13	-34.22	H
11.640205	52.50	Pk	38.3	-95.2	-44.71	-49.11	-13	-36.11	V
15.520367	52.98	Pk	40.2	-95.2	-45.33	-47.35	-13	-34.35	H
15.520367	54.98	Pk	40.2	-95.2	-45.33	-45.35	-13	-32.35	V

11. SETUP PHOTOS

Refer to 15496224-EP1 for setup photos.

END OF REPORT