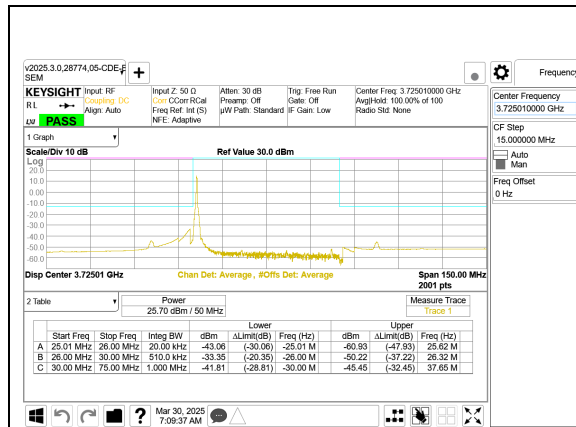
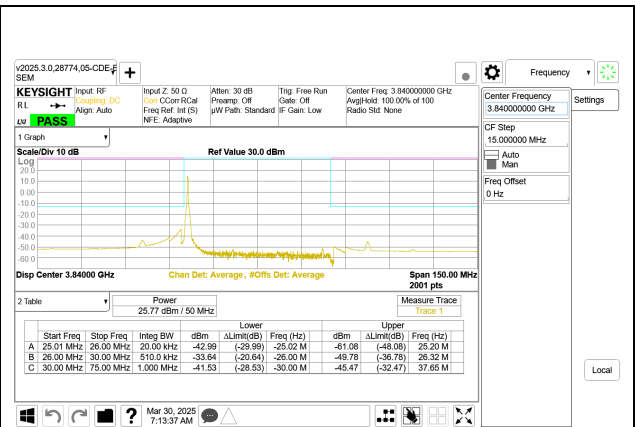


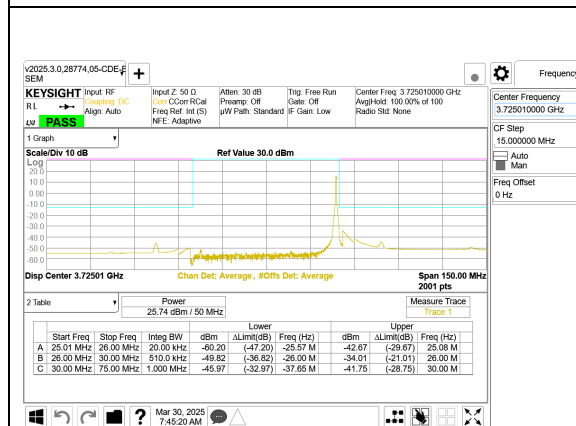




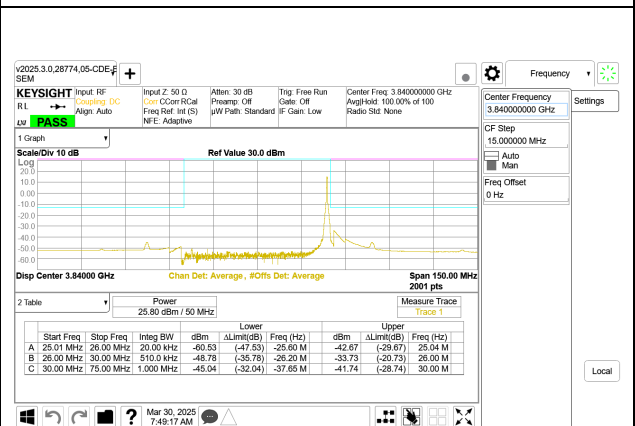
5G NR n77 50MHz BPSK Low Channel RB1-0



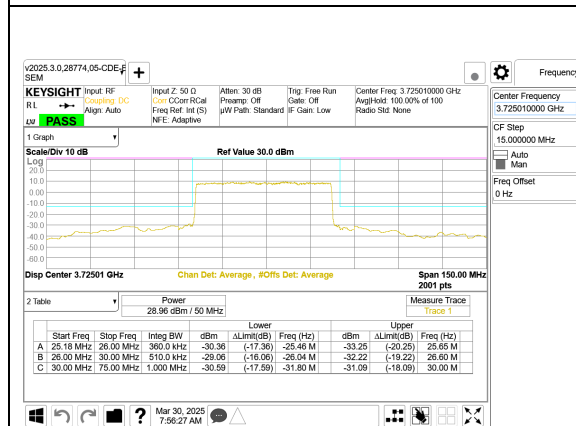
5G NR n77 50MHz BPSK Middle Channel RB1-0



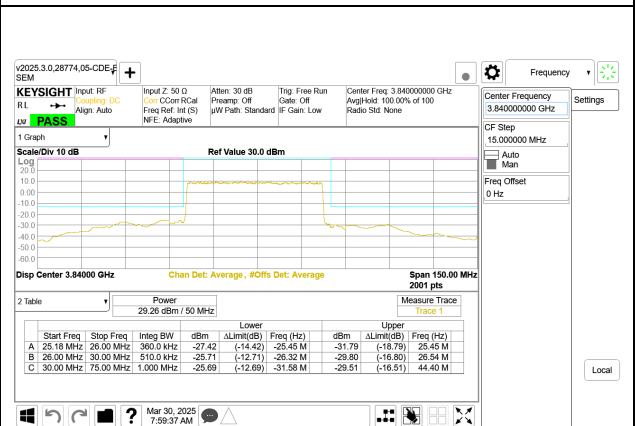
5G NR n77 50MHz BPSK Low Channel RB1-132



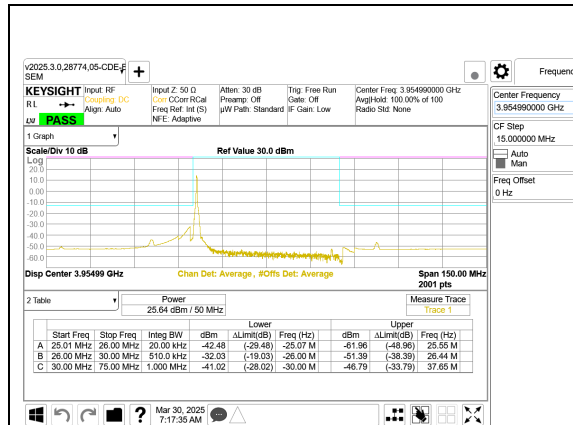
5G NR n77 50MHz BPSK Middle Channel RB1-132



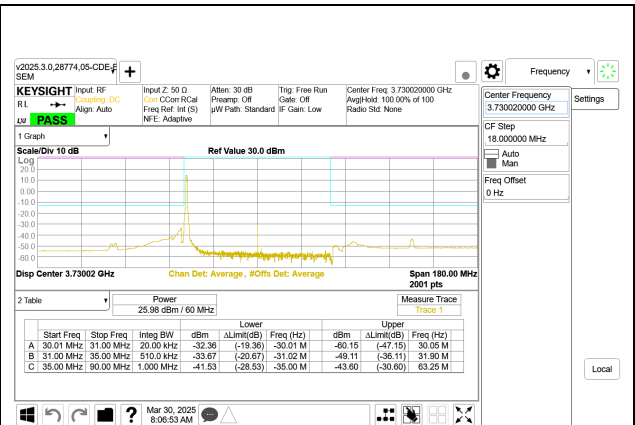
5G NR n77 50MHz BPSK Low Channel RB128-0



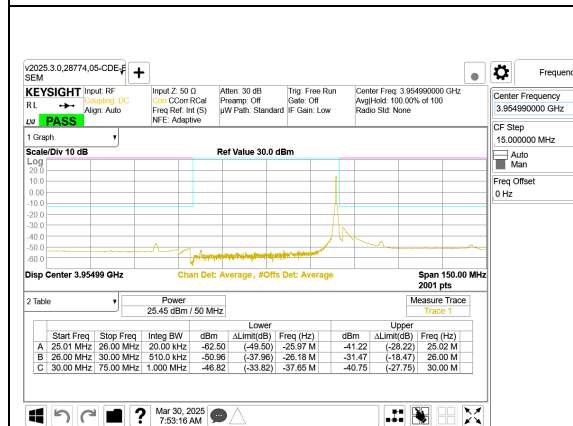
5G NR n77 50MHz BPSK Middle Channel RB128-0



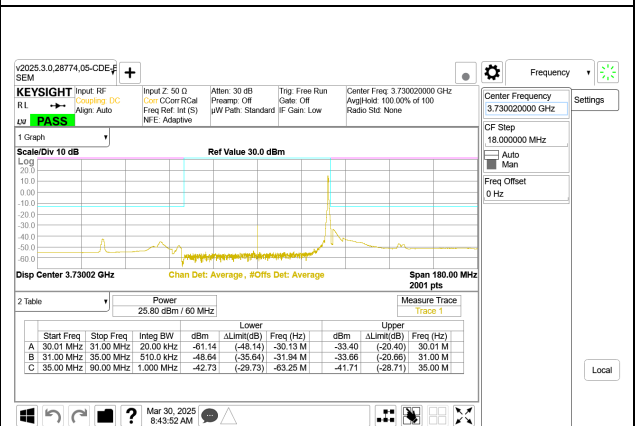
5G NR n77 50MHz BPSK High Channel RB1-0



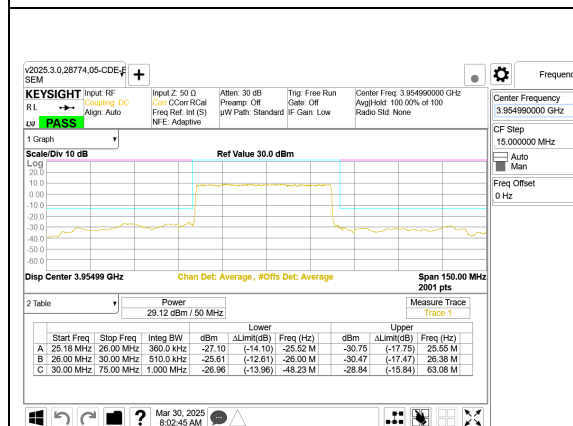
5G NR n77 60MHz BPSK Low Channel RB1-0



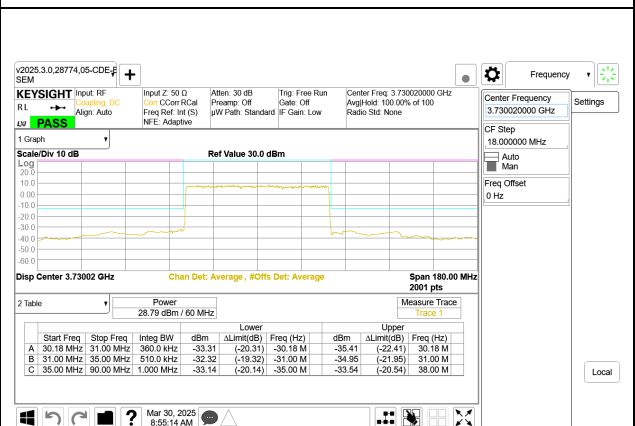
5G NR n77 50MHz BPSK High Channel RB1-132



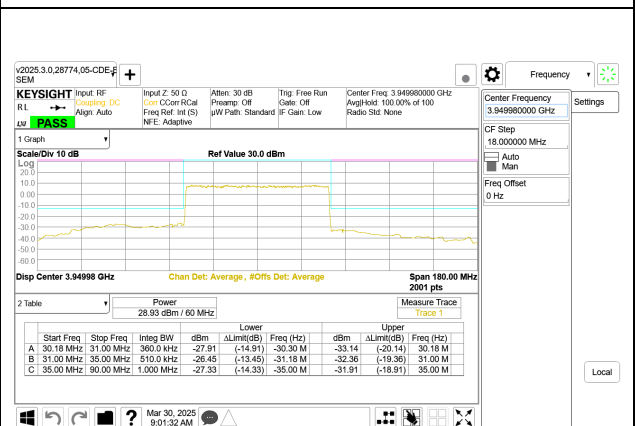
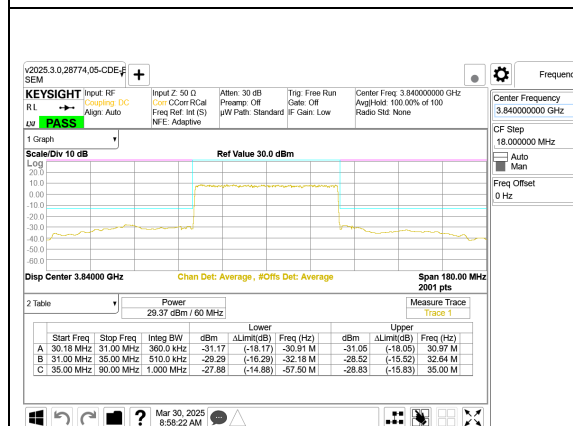
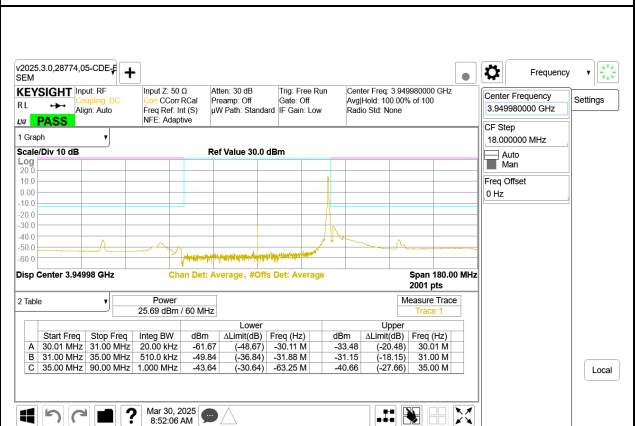
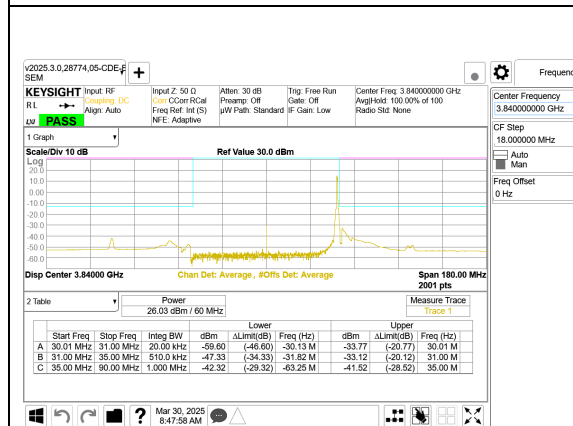
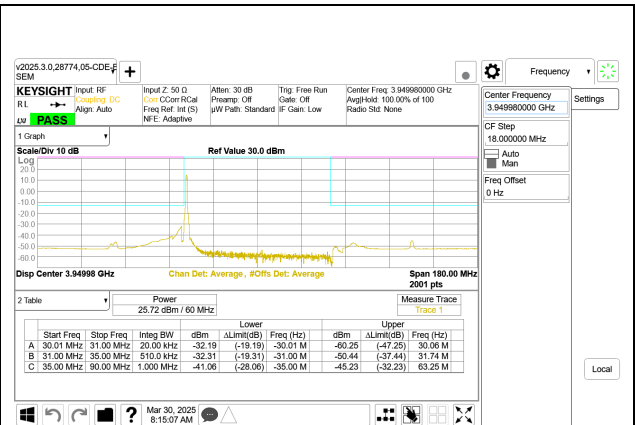
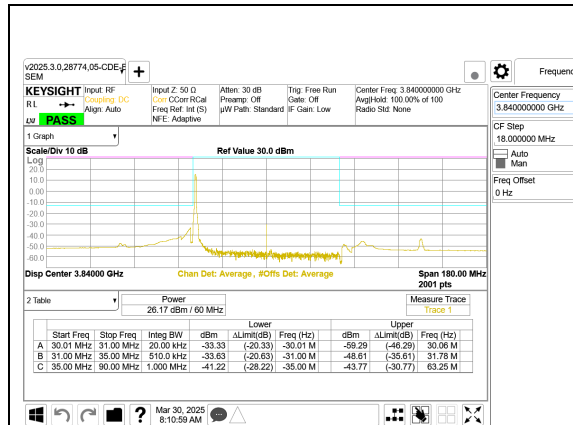
5G NR n77 60MHz BPSK Low Channel RB1-161



5G NR n77 50MHz BPSK High Channel RB128-0



5G NR n77 60MHz BPSK Low Channel RB162-0

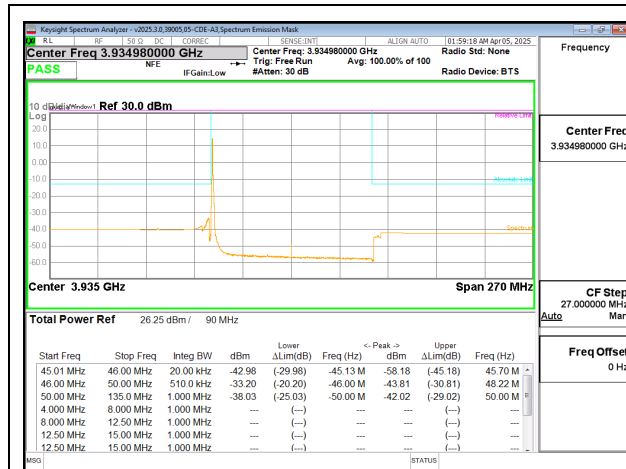




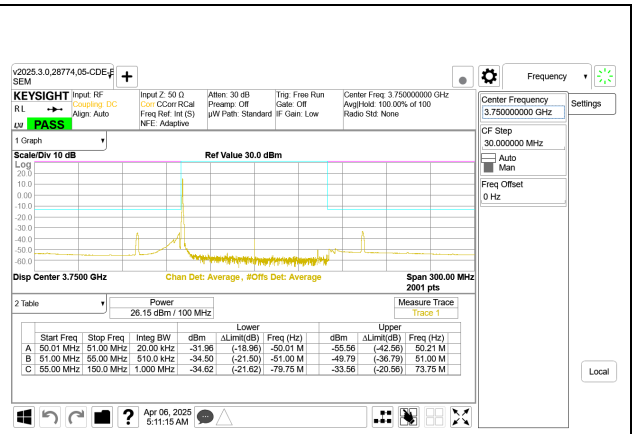




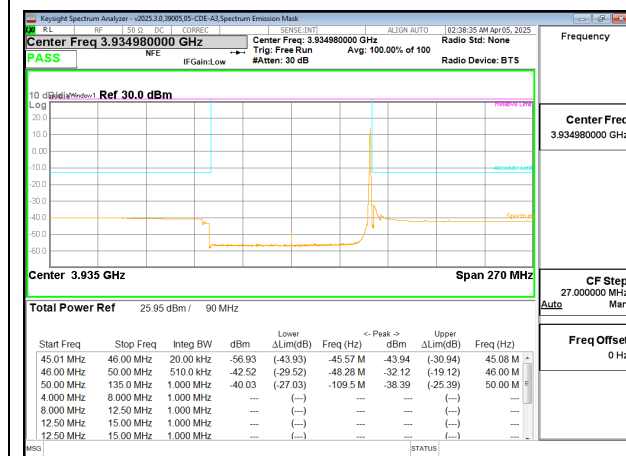




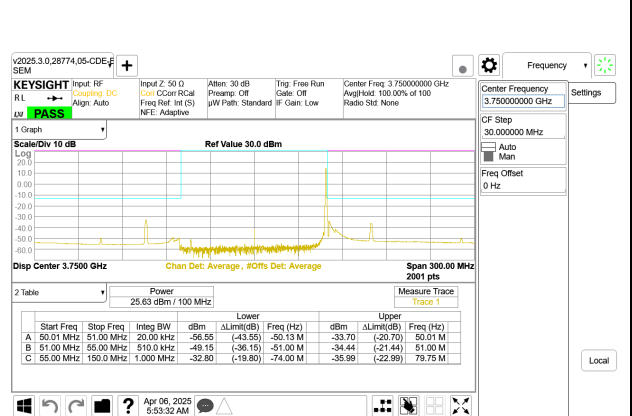
5G NR n77 90MHz BPSK High Channel RB1-0



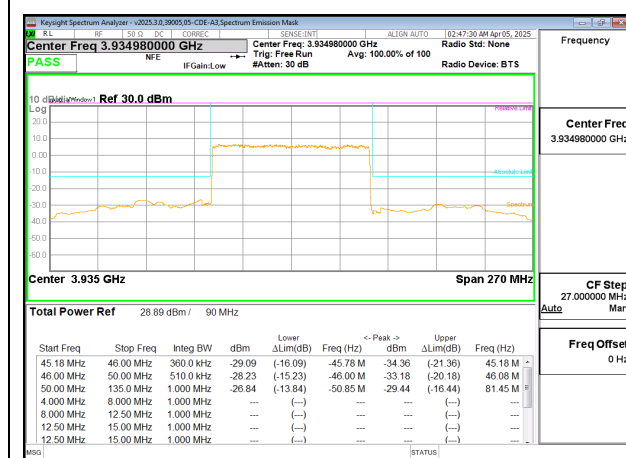
5G NR n77 100MHz BPSK Low Channel RB1-0



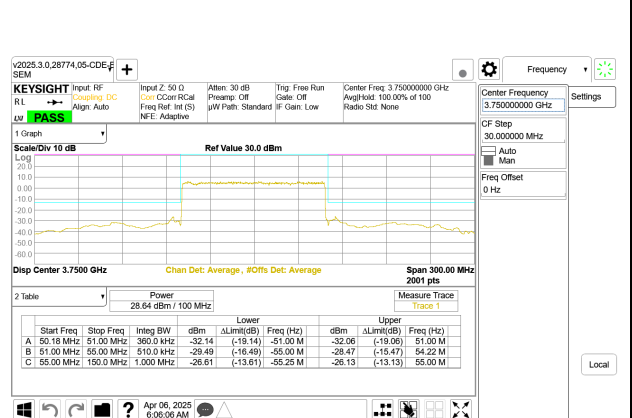
5G NR n77 90MHz BPSK High Channel RB1-244



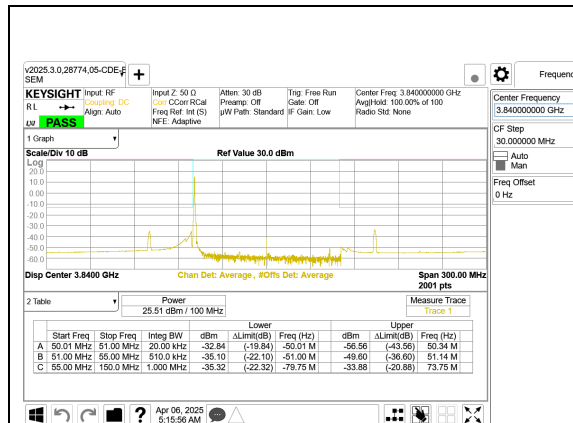
5G NR n77 100MHz BPSK Low Channel RB1-272



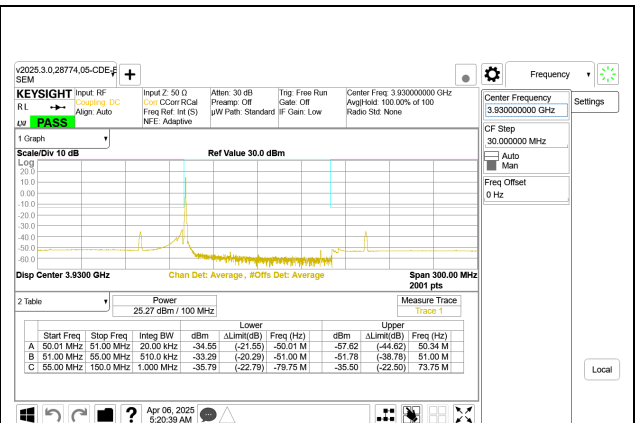
5G NR n77 90MHz BPSK High Channel RB243-0



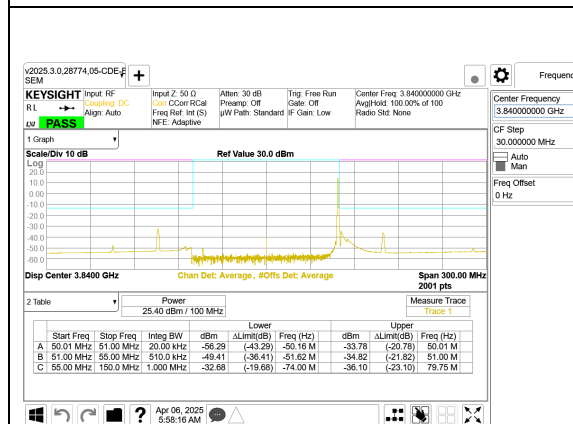
5G NR n77 100MHz BPSK Low Channel RB270-0



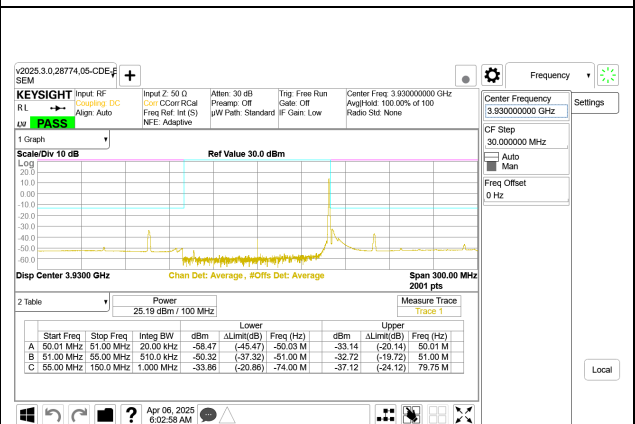
5G NR n77 100MHz BPSK Middle Channel RB1-0



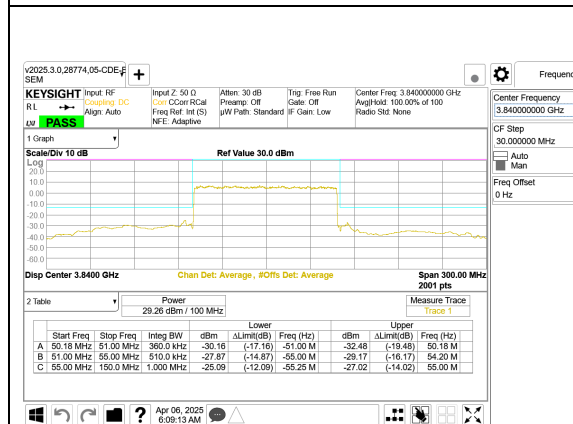
5G NR n77 100MHz BPSK High Channel RB1-0



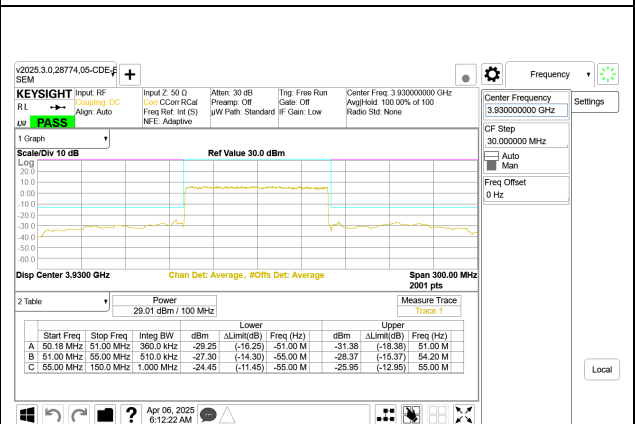
5G NR n77 100MHz BPSK Middle Channel RB1-272



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



5G NR n77 100MHz BPSK Middle Channel RB270-0



5G NR n77 100MHz BPSK High Channel RB270-0

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

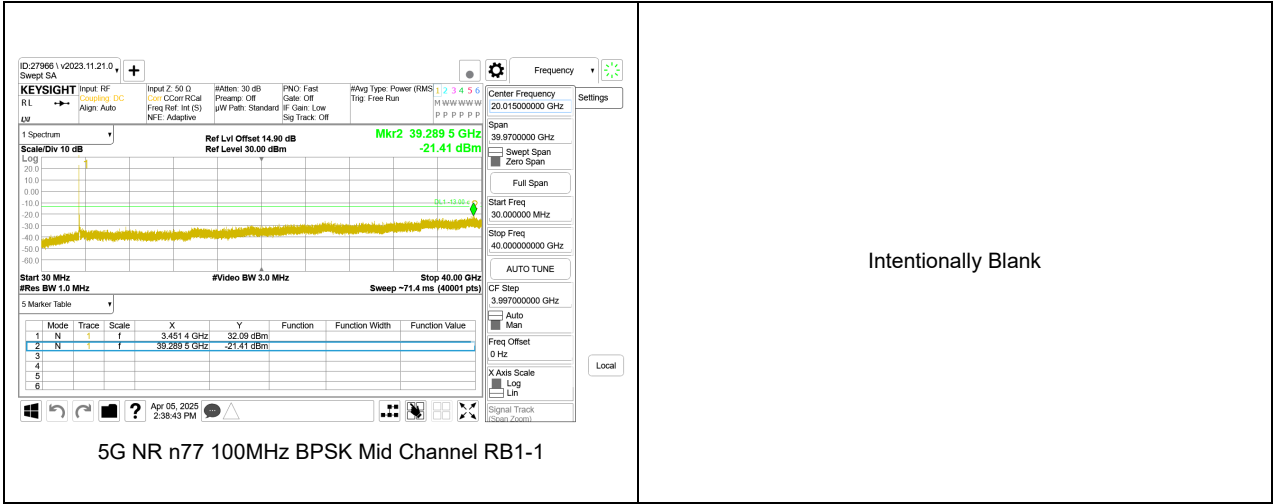
The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case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

For each out of band emissions measurement:

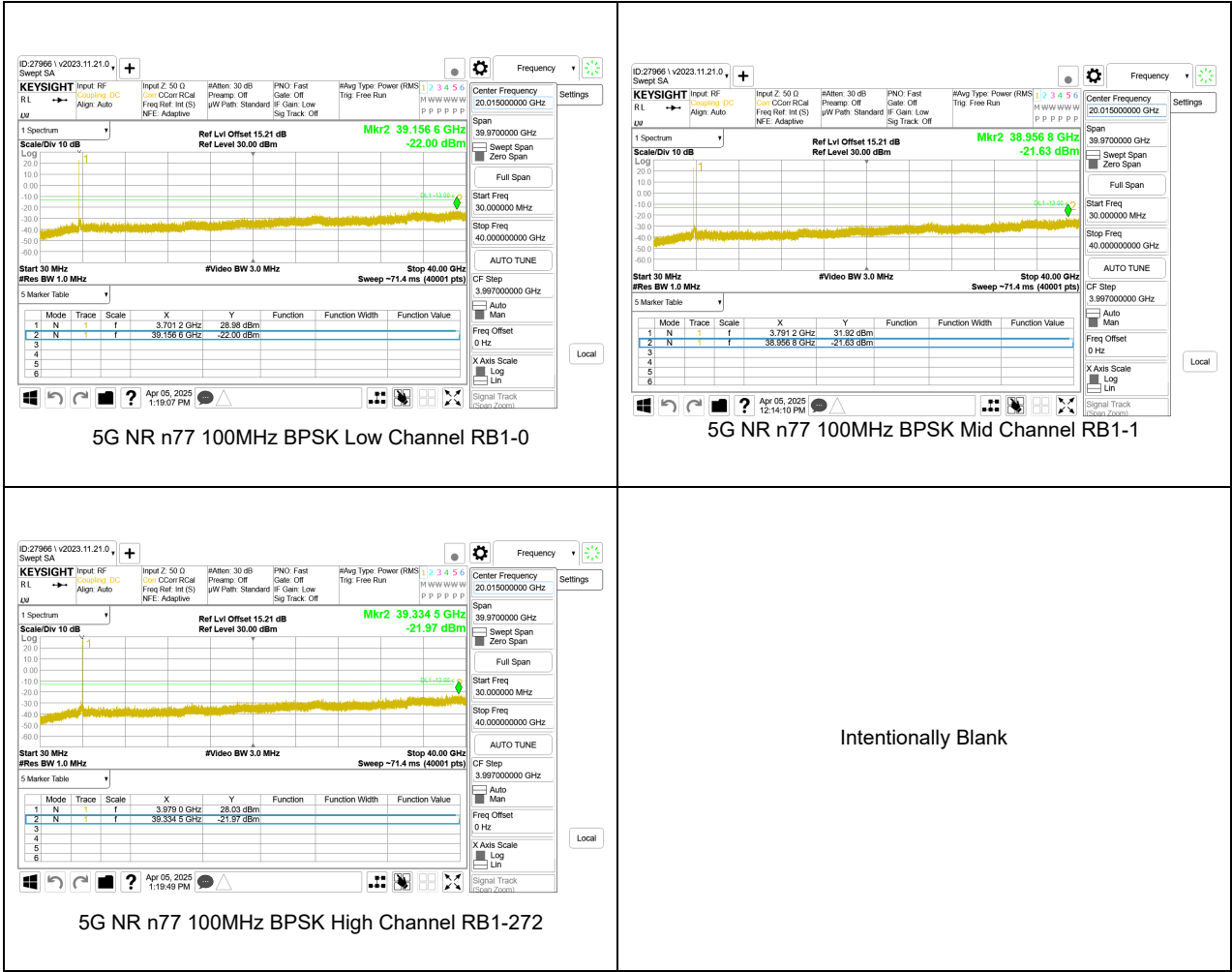
- Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

RESULTS

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



9.3.2. 5G NR n77 (FCC Part 27 3700-3980MHz)



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:	32546	Test Date:	2025-04-29
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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	3451.1545	3547.7507			
Extreme (50°C)		3451.1545	3547.7507	-13.8	-0.004	Yes
Extreme (40°C)		3451.1545	3547.7507	-12.7	-0.004	Yes
Extreme (30°C)		3451.1545	3547.7507	10.4	0.003	Yes
Extreme (10°C)		3451.1545	3547.7507	-11.5	-0.003	Yes
Extreme (0°C)		3451.1545	3547.7507	11.3	0.003	Yes
Extreme (-10°C)		3451.1545	3547.7507	12.8	0.004	Yes
Extreme (-20°C)		3451.1545	3547.7507	14.7	0.004	Yes
Extreme (-30°C)		3451.1545	3547.7507	13.3	0.004	Yes
20°C	15%	3451.1545	3547.7507	10.0	0.003	Yes
	-15%	3451.1545	3547.7507	-10.2	-0.003	Yes
	End Point Voltage	3451.1545	3547.7507	8.6	0.002	Yes

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

Test Engineer ID:	32546	Test Date:	2025-0-29
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Band	77	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		3700	3980			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	3701.1469	3977.7254			
Extreme (50°C)		3701.1468	3977.7254	-15.2	-0.004	Yes
Extreme (40°C)		3701.1468	3977.7254	-14.3	-0.004	Yes
Extreme (30°C)		3701.1469	3977.7254	-10.1	-0.003	Yes
Extreme (10°C)		3701.1468	3977.7254	-13.3	-0.003	Yes
Extreme (0°C)		3701.1468	3977.7254	-13.9	-0.004	Yes
Extreme (-10°C)		3701.1468	3977.7254	-14.1	-0.004	Yes
Extreme (-20°C)		3701.1468	3977.7254	-11.9	-0.003	Yes
Extreme (-30°C)		3701.1468	3977.7254	-12.7	-0.003	Yes
20°C	15%	3701.1469	3977.7254	-10.5	-0.003	Yes
	-15%	3701.1468	3977.7254	-15.1	-0.004	Yes
	End Point Voltage	3701.1468	3977.7254	-12.6	-0.003	Yes

9.5. PEAK-TO-AVERAGE POWER RATIO

LIMITS

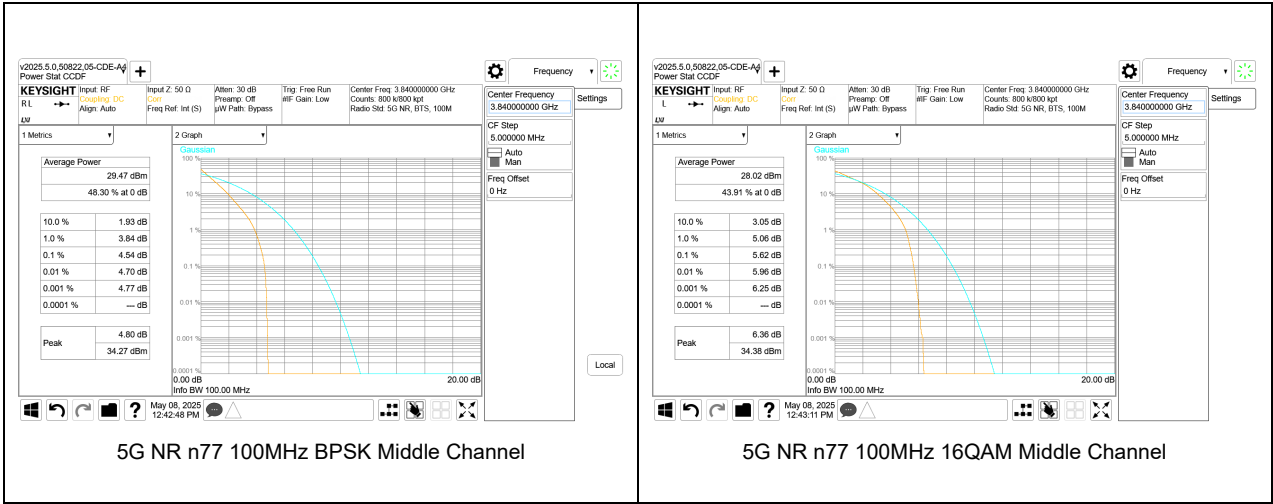
FCC: §27.50
(k) (4) In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

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 8 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:	50822	Test Date:	2025-04-15
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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	34.03	29.26	4.77
					16QAM	33.92	27.30	6.62
	15MHz		36	0	BPSK	33.78	29.23	4.55
					16QAM	33.56	27.15	6.41
	20MHz		50	0	BPSK	33.72	29.26	4.46
					16QAM	33.65	27.26	6.39
	25MHz		64	0	BPSK	33.47	29.26	4.21
					16QAM	33.51	27.21	6.30
	30MHz		75	0	BPSK	33.24	29.11	4.13
					16QAM	33.89	27.74	6.15
	40MHz		100	0	BPSK	33.19	28.89	4.30
					16QAM	33.78	27.44	6.34
	50MHz		128	0	BPSK	33.35	28.82	4.53
					16QAM	33.86	27.38	6.48
	60MHz		162	0	BPSK	33.27	28.71	4.56
					16QAM	33.97	27.22	6.75
	70MHz		180	0	BPSK	33.07	28.52	4.55
					16QAM	34.10	27.13	6.97
	80MHz		216	0	BPSK	34.20	28.68	5.52
					16QAM	34.28	27.13	7.15
	90MHz		243	0	BPSK	33.29	28.66	4.63
					16QAM	33.61	27.61	6.00
	100MHz		270	0	BPSK	33.50	28.69	4.81
					16QAM	33.64	27.56	6.08
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:	50822	Test Date:	2025-04-15
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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	34.57	29.71	4.86
					16QAM	34.85	28.26	6.59
	15MHz		36	0	BPSK	34.16	29.44	4.72
					16QAM	34.86	28.15	6.71
	20MHz		50	0	BPSK	34.22	29.47	4.75
					16QAM	34.35	27.72	6.63
	25MHz		64	0	BPSK	34.06	29.03	5.03
					16QAM	34.10	27.51	6.59
	30MHz		75	0	BPSK	34.05	29.01	5.04
					16QAM	33.99	27.54	6.45
	40MHz		100	0	BPSK	34.04	29.16	4.88
					16QAM	34.25	27.32	6.93
	50MHz		128	0	BPSK	33.95	29.12	4.83
					16QAM	34.09	27.70	6.39
	60MHz	162	0	BPSK	33.69	28.84	4.85	
				16QAM	34.14	27.82	6.32	
	70MHz	180	0	BPSK	33.69	29.18	4.51	
				16QAM	34.18	27.99	6.19	
	80MHz	216	0	BPSK	34.30	29.53	4.77	
				16QAM	33.94	27.75	6.19	
	90MHz	243	0	BPSK	34.12	29.43	4.69	
				16QAM	34.22	27.97	6.25	
	100MHz	270	0	BPSK	34.27	29.47	4.80	
				16QAM	34.38	28.02	6.36	
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.

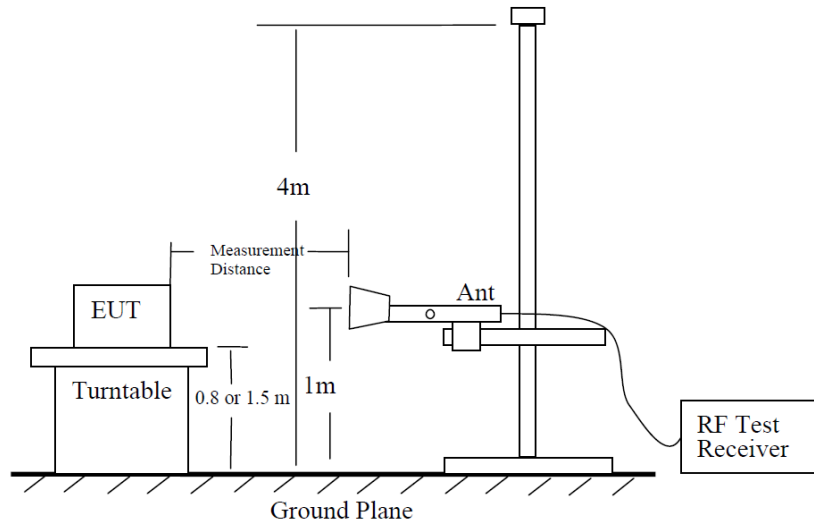


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

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.

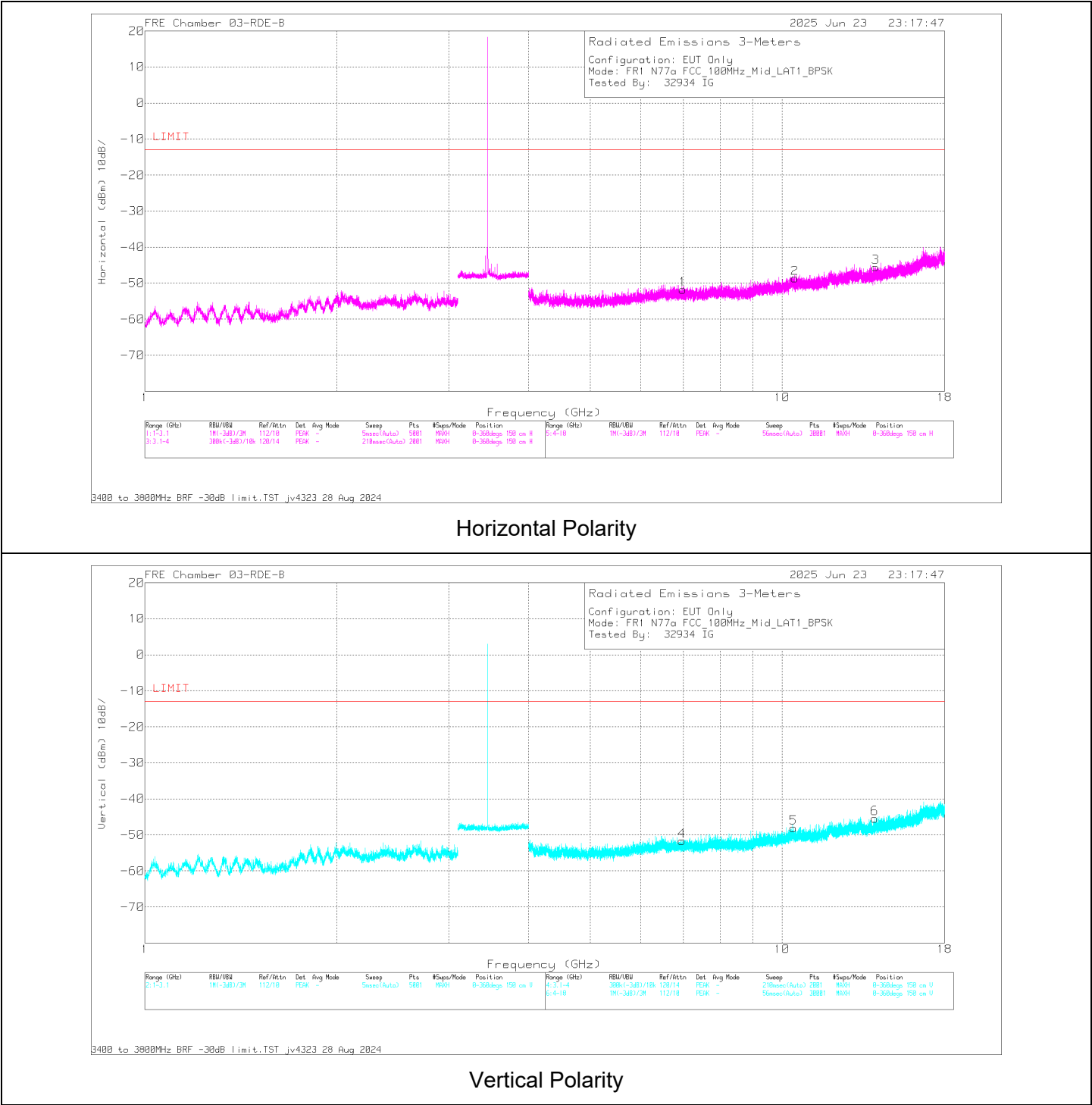
So, from d)

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
6.971269	55.42	Pk	35.6	-95.2	-47.53	-51.71	-13	-38.71	V
6.991335	55.42	Pk	35.6	-95.2	-47.60	-51.78	-13	-38.78	H
10.433938	56.51	Pk	37.5	-95.2	-46.91	-48.10	-13	-35.10	V
10.486205	55.93	Pk	37.5	-95.2	-46.90	-48.67	-13	-35.67	H
13.975007	56.85	Pk	38.9	-95.2	-46.00	-45.45	-13	-32.45	V
14.024940	56.57	Pk	38.9	-95.2	-45.79	-45.52	-13	-32.52	H

10.1. FIELD STRENGTH OF SPURIOUS RADIATION, ABOVE 1GHz

TEST PROCEDURE

KDB 971168 D01 /D02

All tests above 1GHz were done with a Resolution Bandwidth of 1MHz, and a Video Bandwidth of 3MHz

RESULTS

10.1.1. 5G NR n77 (FCC Part 27 3450-3550MHz)

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

Project #:	15496282
Date:	2025-06-23
Test Engineer:	32439
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
6.971269	55.42	Pk	35.6	-95.2	-47.53	-51.71	-13	-38.71	V
6.991335	55.42	Pk	35.6	-95.2	-47.60	-51.78	-13	-38.78	H
10.433938	56.51	Pk	37.5	-95.2	-46.91	-48.10	-13	-35.10	V
10.486205	55.93	Pk	37.5	-95.2	-46.90	-48.67	-13	-35.67	H
13.975007	56.85	Pk	38.9	-95.2	-46.00	-45.45	-13	-32.45	V
14.02494	56.57	Pk	38.9	-95.2	-45.79	-45.52	-13	-32.52	H

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

Project #:	15496282
Date:	2025-06-23
Test Engineer:	32439
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
6.949802	55.36	Pk	35.6	-95.2	-47.40	-51.64	-13	-38.64	V
6.990869	55.72	Pk	35.6	-95.2	-47.60	-51.48	-13	-38.48	H
10.490871	55.43	Pk	37.5	-95.2	-47.09	-49.36	-13	-36.36	H
10.497871	55.22	Pk	37.5	-95.2	-47.03	-49.51	-13	-36.51	V
14.004407	56.78	Pk	38.9	-95.2	-45.80	-45.32	-13	-32.32	V
14.017007	56.42	Pk	38.9	-95.2	-45.90	-45.78	-13	-32.78	H

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

Project #:	15496282
Date:	2025-06-24
Test Engineer:	111411
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	03-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
7.002069	54.40	Pk	35.8	-95.2	-45.40	-50.40	-13	-37.40	H
7.129936	55.78	Pk	35.8	-95.2	-45.81	-49.43	-13	-36.43	V
10.911338	56.68	Pk	37.8	-95.2	-44.50	-45.22	-13	-32.22	H
10.898738	54.44	Pk	37.8	-95.2	-44.45	-47.41	-13	-34.41	V
13.990407	54.10	Pk	39.0	-95.2	-42.74	-44.84	-13	-31.84	V
14.038007	54.33	Pk	39.0	-95.2	-43.10	-44.97	-13	-31.97	H

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

Project #:	15496282
Date:	2025-06-24
Test Engineer:	111411
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	05-RDE-A

Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Mid Channel, 3500MHz									
7.033802	53.69	Pk	35.8	-95.2	-45.50	-51.21	-13	-38.21	V
7.041269	54.69	Pk	35.8	-95.2	-45.40	-50.11	-13	-37.11	H
10.522605	54.90	Pk	37.6	-95.2	-44.74	-47.44	-13	-34.44	H
10.522605	54.52	Pk	37.6	-95.2	-44.74	-47.82	-13	-34.82	V
13.94374	54.42	Pk	39.0	-95.2	-42.80	-44.58	-13	-31.58	V
13.994607	54.83	Pk	39.0	-95.2	-42.90	-44.27	-13	-31.27	H

10.1.2. 5G NR n77 (FCC Part 27 3700-3980MHz)

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

Project #:	15496282
Date:	2025-03-13
Test Engineer:	32545
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	05-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.499932	54.95	Pk	35.7	-95.2	-47.9	-52.45	-13	-39.45	H
7.499932	54.56	Pk	35.7	-95.2	-47.9	-52.84	-13	-39.84	V
11.250636	52.07	Pk	38.0	-95.2	-46.1	-51.23	-13	-38.23	H
11.250636	51.05	Pk	38.0	-95.2	-46.1	-52.25	-13	-39.25	V
15.000144	51.58	Pk	39.6	-95.2	-45.31	-49.33	-13	-36.33	H
15.000144	52.02	Pk	39.6	-95.2	-45.31	-48.89	-13	-35.89	V
Mid Channel, 3840MHz									
7.680775	53.40	Pk	35.8	-95.2	-47.10	-53.10	-13	-40.10	H
7.680775	52.96	Pk	35.8	-95.2	-47.10	-53.54	-13	-40.54	V
11.520307	51.53	Pk	38.2	-95.2	-46.03	-51.50	-13	-38.50	H
11.520307	52.45	Pk	38.2	-95.2	-46.03	-50.58	-13	-37.58	V
15.361432	51.81	Pk	39.9	-95.2	-45.00	-48.49	-13	-35.49	H
15.361432	51.68	Pk	39.9	-95.2	-45.00	-48.62	-13	-35.62	V
High Channel, 3930MHz									
7.860025	54.26	Pk	35.9	-95.2	-47.40	-52.44	-13	-39.44	H
7.860025	52.56	Pk	35.9	-95.2	-47.40	-54.14	-13	-41.14	V
11.790775	51.80	Pk	38.5	-95.2	-45.88	-50.78	-13	-37.78	H
11.790775	52.20	Pk	38.5	-95.2	-45.88	-50.38	-13	-37.38	V
15.721127	52.14	Pk	40.4	-95.2	-44.99	-47.65	-13	-34.65	H
15.721127	52.15	Pk	40.4	-95.2	-44.99	-47.64	-13	-34.64	V

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

Project #:	15496282
Date:	2025-03-17
Test Engineer:	32545
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	05-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.499932	54.52	Pk	35.7	-95.2	-47.90	-52.88	-13	-39.88	H
7.499932	55.89	Pk	35.7	-95.2	-47.90	-51.51	-13	-38.51	V
11.251034	52.20	Pk	38.0	-95.2	-46.10	-51.10	-13	-38.10	H
11.251034	51.14	Pk	38.0	-95.2	-46.10	-52.16	-13	-39.16	V
15.000941	51.73	Pk	39.6	-95.2	-45.39	-49.26	-13	-36.26	H
15.000941	53.11	Pk	39.6	-95.2	-45.39	-47.88	-13	-34.88	V
Mid Channel, 3840MHz									
7.680775	53.37	Pk	35.8	-95.2	-47.1	-53.13	-13	-40.13	H
7.680775	53.37	Pk	35.8	-95.2	-47.1	-53.13	-13	-40.13	V
11.520705	52.17	Pk	38.2	-95.2	-46.07	-50.90	-13	-37.90	H
11.520705	53.9	Pk	38.2	-95.2	-46.07	-49.17	-13	-36.17	V
15.360237	51.33	Pk	39.9	-95.2	-45.08	-49.05	-13	-36.05	H
15.360237	53.18	Pk	39.9	-95.2	-45.08	-47.20	-13	-34.20	V
High Channel, 3930MHz									
7.860822	53.43	Pk	35.9	-95.2	-47.48	-53.35	-13	-40.35	H
7.860822	52.98	Pk	35.9	-95.2	-47.48	-53.80	-13	-40.80	V
11.790775	51.37	Pk	38.5	-95.2	-45.88	-51.21	-13	-38.21	H
11.790775	52.43	Pk	38.5	-95.2	-45.88	-50.15	-13	-37.15	V
15.720729	51.44	Pk	40.4	-95.2	-45.00	-48.36	-13	-35.36	V
15.720729	51.76	Pk	40.4	-95.2	-45.00	-48.04	-13	-35.04	H

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

Project #:	15496282
Date:	2025-3-20
Test Engineer:	32545
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	05-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.500729	54.21	Pk	35.7	-95.2	-47.90	-53.19	-13	-40.19	H
7.500729	53.92	Pk	35.7	-95.2	-47.90	-53.48	-13	-40.48	V
11.250636	53.17	Pk	38.0	-95.2	-46.10	-50.13	-13	-37.13	H
11.250636	51.6.0	Pk	38.0	-95.2	-46.10	-51.70	-13	-38.70	V
15.000144	53.01	Pk	39.6	-95.2	-45.31	-47.90	-13	-34.90	H
15.000144	53.02	Pk	39.6	-95.2	-45.31	-47.89	-13	-34.89	V
Mid Channel, 3840MHz									
7.680377	52.26	Pk	35.8	-95.2	-47.1	-54.24	-13	-41.24	H
7.680377	53.25	Pk	35.8	-95.2	-47.1	-53.25	-13	-40.25	V
11.520705	52.9	Pk	38.2	-95.2	-46.07	-50.17	-13	-37.17	H
11.520705	51.79	Pk	38.2	-95.2	-46.07	-51.28	-13	-38.28	V
15.361034	51.66	Pk	39.9	-95.2	-45	-48.64	-13	-35.64	H
15.361034	52.28	Pk	39.9	-95.2	-45	-48.02	-13	-35.02	V
High Channel, 3930MHz									
7.860025	53.64	Pk	35.9	-95.2	-47.4	-53.06	-13	-40.06	H
7.860025	52.49	Pk	35.9	-95.2	-47.4	-54.21	-13	-41.21	V
11.789979	51.14	Pk	38.5	-95.2	-45.8	-51.36	-13	-38.36	H
11.789979	52.21	Pk	38.5	-95.2	-45.8	-50.29	-13	-37.29	V
15.831067	55.85	Pk	40.5	-95.2	-44.59	-43.44	-13	-30.44	H
15.831067	52.68	Pk	40.5	-95.2	-44.59	-46.61	-13	-33.61	V

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

Project #:	15496282
Date:	2025-03-27
Test Engineer:	32703
Configuration:	EUT Only
Mode	5G NR n77 BPSK 100MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 3750MHz									
7.400349	54.56	Pk	35.6	-95.2	-47.80	-52.84	-13	-39.84	H
7.400349	55.21	Pk	35.6	-95.2	-47.80	-52.19	-13	-39.19	V
11.100464	53.13	Pk	37.9	-95.2	-46.50	-50.67	-13	-37.67	H
11.100464	53.43	Pk	37.9	-95.2	-46.50	-50.37	-13	-37.37	V
14.800579	53.39	Pk	39.6	-95.2	-46.14	-48.35	-13	-35.35	H
14.800579	54.28	Pk	39.6	-95.2	-46.14	-47.46	-13	-34.46	V
Mid Channel, 3840MHz									
7.580794	54.92	Pk	35.7	-95.2	-47.60	-52.18	-13	-39.18	H
7.580794	54.25	Pk	35.7	-95.2	-47.60	-52.85	-13	-39.85	V
11.370136	54.25	Pk	38.1	-95.2	-46.10	-48.95	-13	-35.95	H
11.370136	53.58	Pk	38.1	-95.2	-46.10	-49.62	-13	-36.62	V
15.160274	54.16	Pk	39.8	-95.2	-45.27	-46.51	-13	-33.51	H
15.160274	54.02	Pk	39.8	-95.2	-45.27	-46.65	-13	-33.65	V
High Channel, 3930MHz									
7.760840	54.44	Pk	35.8	-95.2	-47.90	-52.86	-13	-39.86	H
7.760840	54.07	Pk	35.8	-95.2	-47.90	-53.23	-13	-40.23	V
11.640604	51.64	Pk	38.4	-95.2	-45.90	-51.06	-13	-38.06	H
11.640604	51.56	Pk	38.4	-95.2	-45.90	-51.14	-13	-38.14	V
15.520765	54.05	Pk	40.1	-95.2	-45.12	-46.17	-13	-33.17	H
15.520765	52.46	Pk	40.1	-95.2	-45.12	-47.76	-13	-34.76	V

11. SETUP PHOTOS

Refer to 15496282-EP1V1 for setup photos.

END OF REPORT