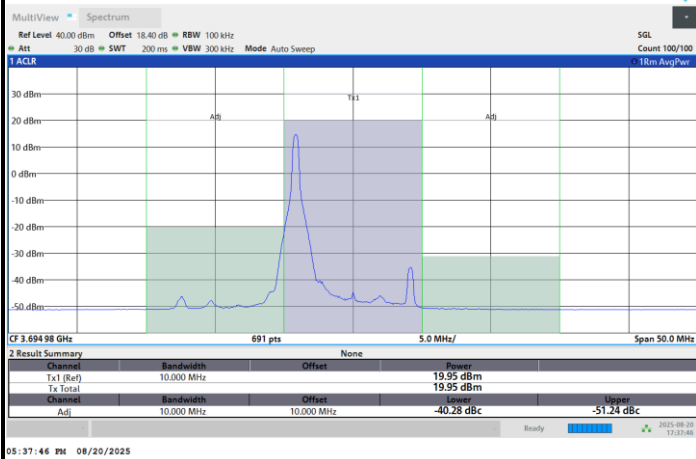




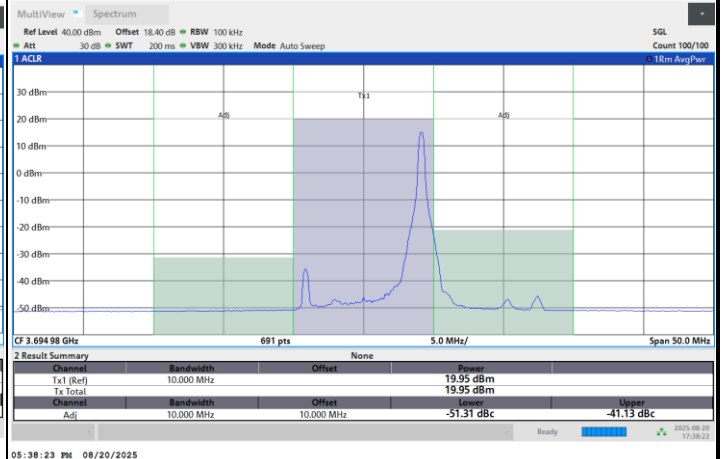
FR1 n48 / 10MHz / CP OFDM / 16QAM

Highest Channel

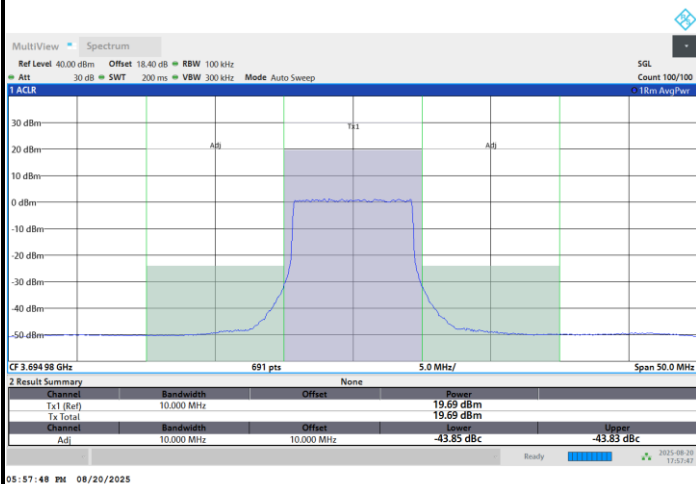
1RB0



1RBmax



Full RB

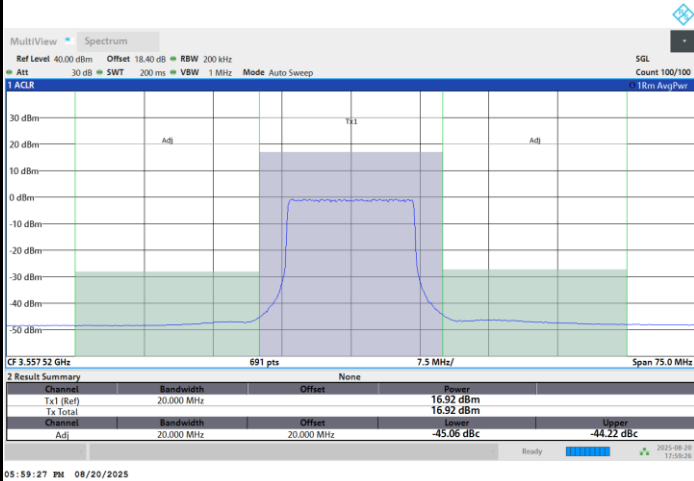




FR1 n48 / 15MHz / CP OFDM / QPSK

Lowest Channel

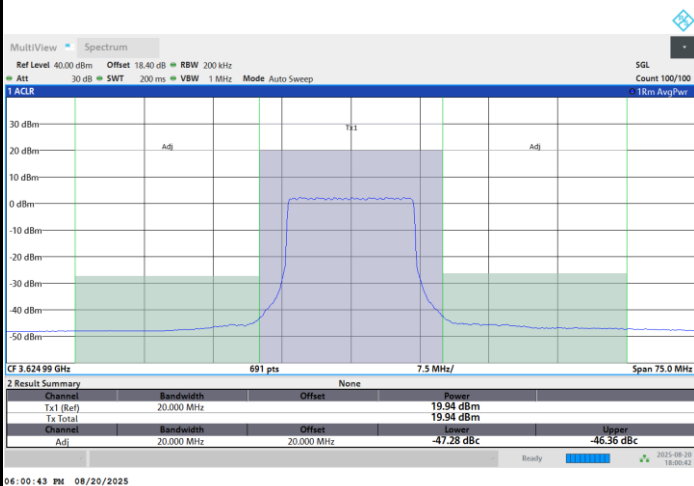
Full RB



FR1 n48 / 15MHz / CP OFDM / QPSK

Middle Channel

Full RB

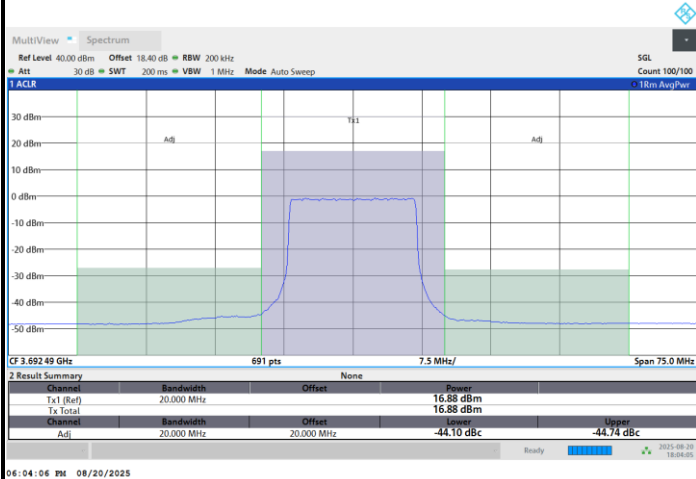




FR1 n48 / 15MHz / CP OFDM / QPSK

Highest Channel

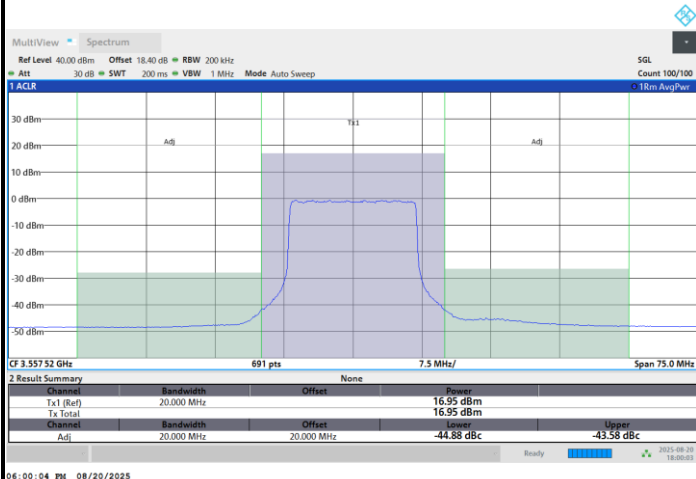
Full RB



FR1 n48 / 15MHz / CP OFDM / 16QAM

Lowest Channel

Full RB

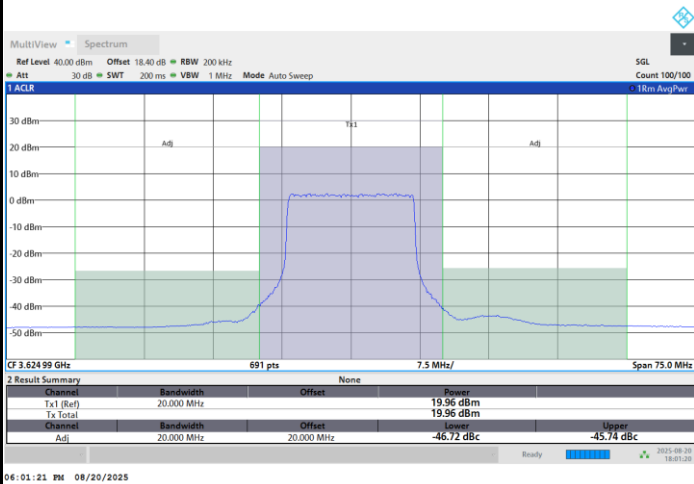




FR1 n48 / 15MHz / CP OFDM / 16QAM

Middle Channel

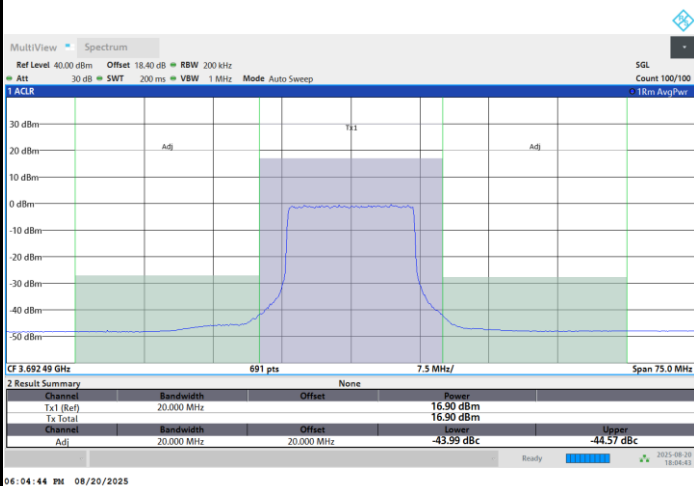
Full RB



FR1 n48 / 15MHz / CP OFDM / 16QAM

Highest Channel

Full RB

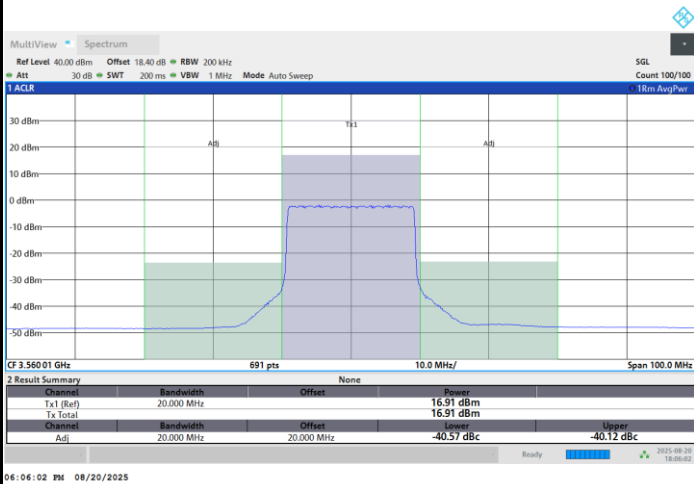




FR1 n48 / 20MHz / CP OFDM / QPSK

Lowest Channel

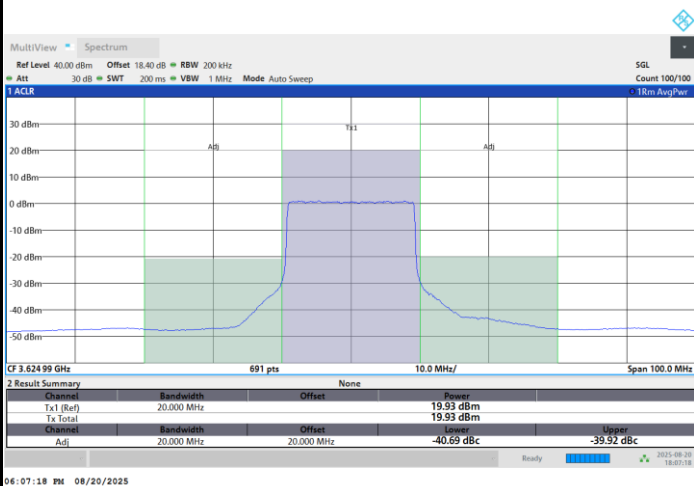
Full RB



FR1 n48 / 20MHz / CP OFDM / QPSK

Middle Channel

Full RB

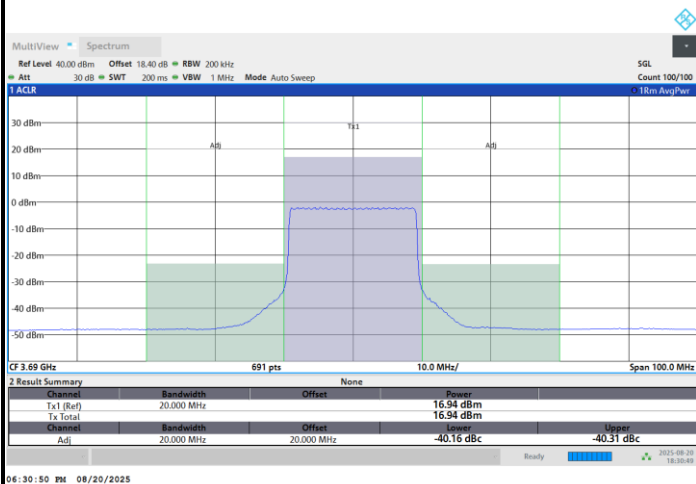




FR1 n48 / 20MHz / CP OFDM / QPSK

Highest Channel

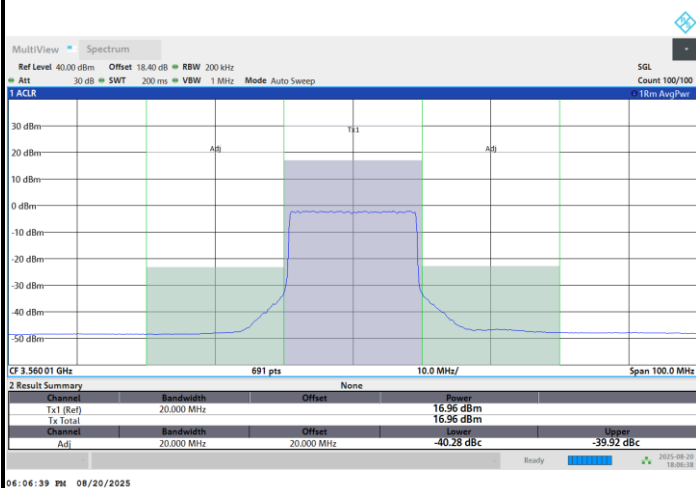
Full RB



FR1 n48 / 20MHz / CP OFDM / 16QAM

Lowest Channel

Full RB

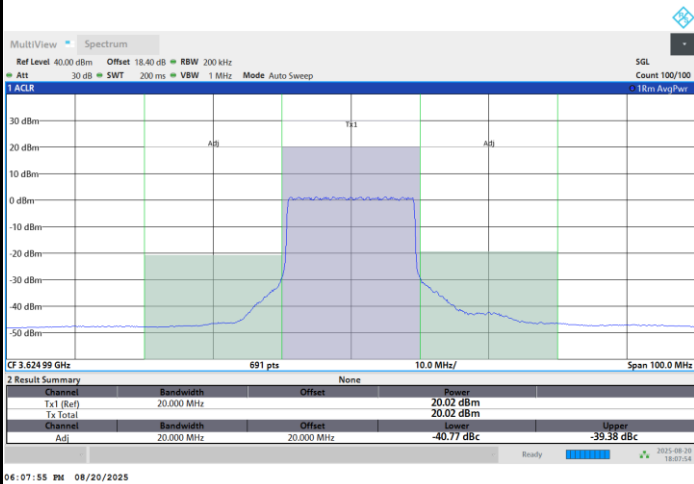




FR1 n48 / 20MHz / CP OFDM / 16QAM

Middle Channel

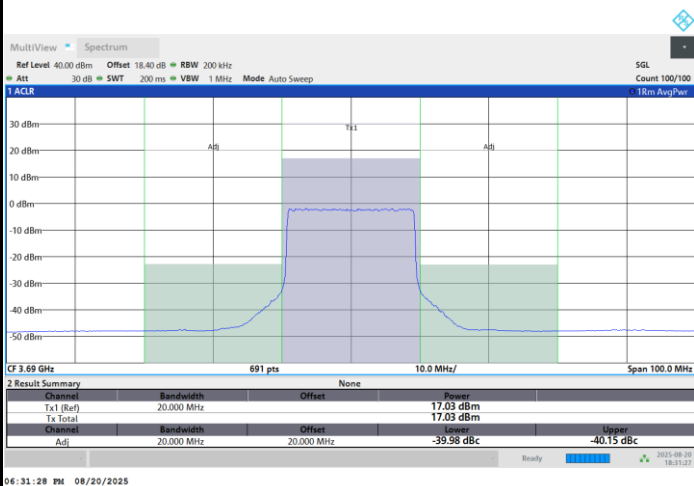
Full RB



FR1 n48 / 20MHz / CP OFDM / 16QAM

Highest Channel

Full RB

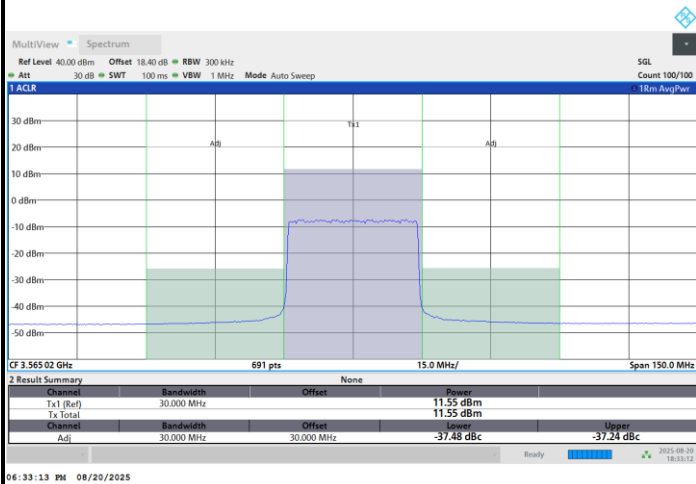




FR1 n48 / 30MHz / CP OFDM / QPSK

Lowest Channel

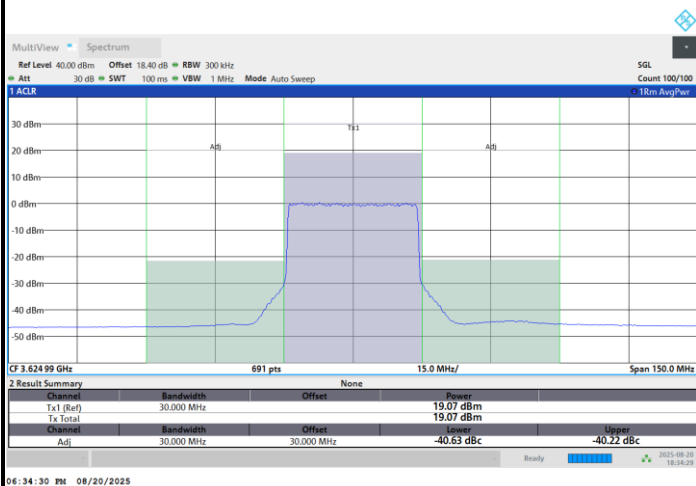
Full RB



FR1 n48 / 30MHz / CP OFDM / QPSK

Middle Channel

Full RB

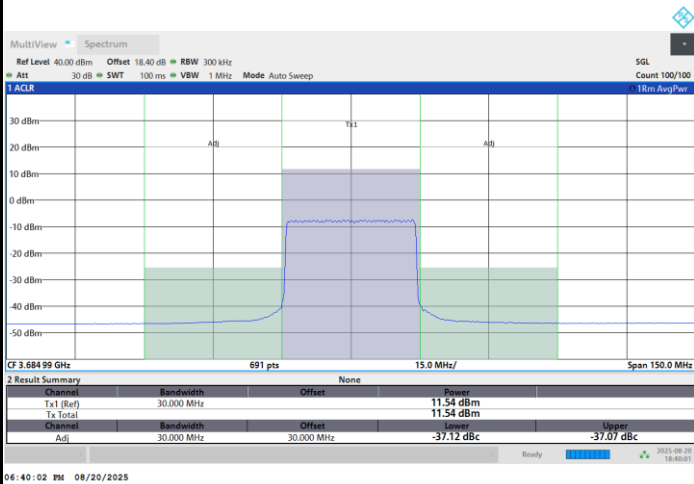




FR1 n48 / 30MHz / CP OFDM / QPSK

Highest Channel

Full RB



FR1 n48 / 30MHz / CP OFDM / 16QAM

Lowest Channel

Full RB

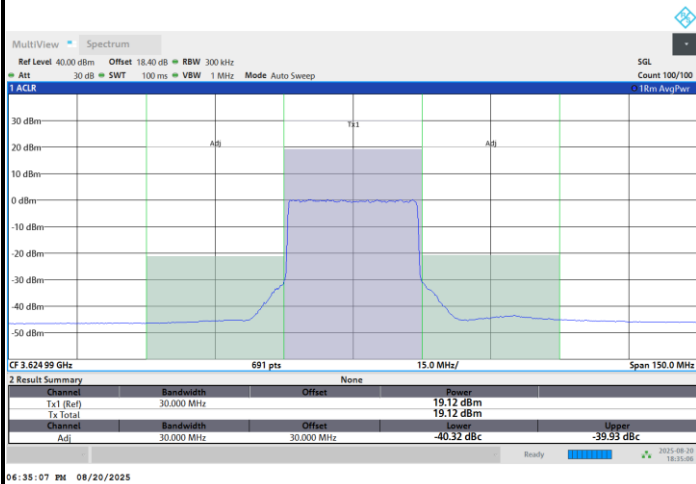




FR1 n48 / 30MHz / CP OFDM / 16QAM

Middle Channel

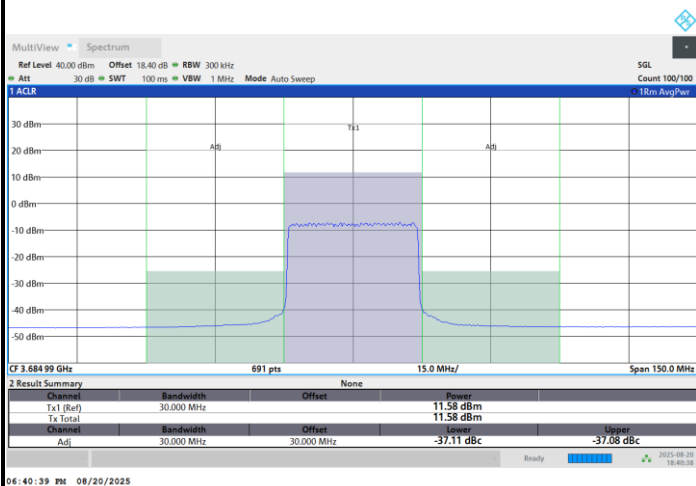
Full RB



FR1 n48 / 30MHz / CP OFDM / 16QAM

Highest Channel

Full RB

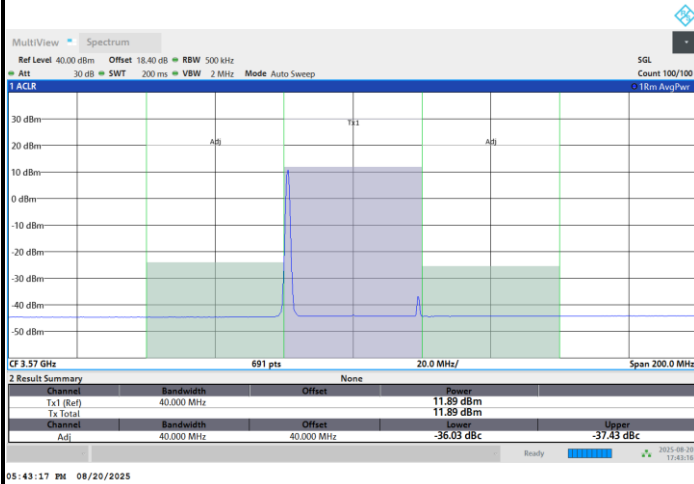




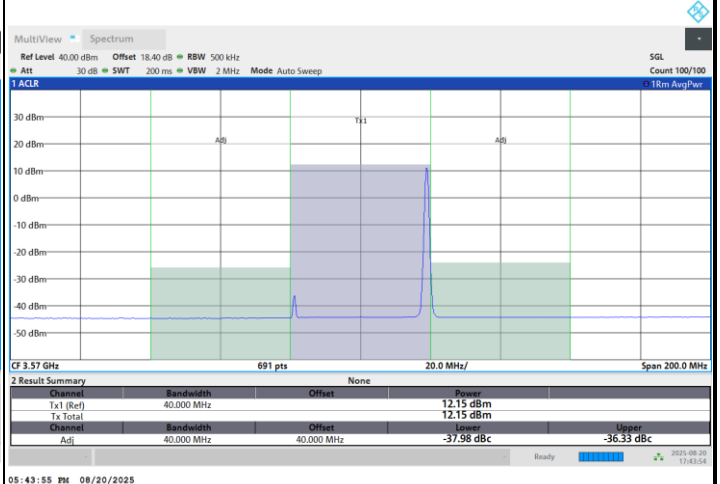
FR1 n48 / 40MHz / CP OFDM / QPSK

Lowest Channel

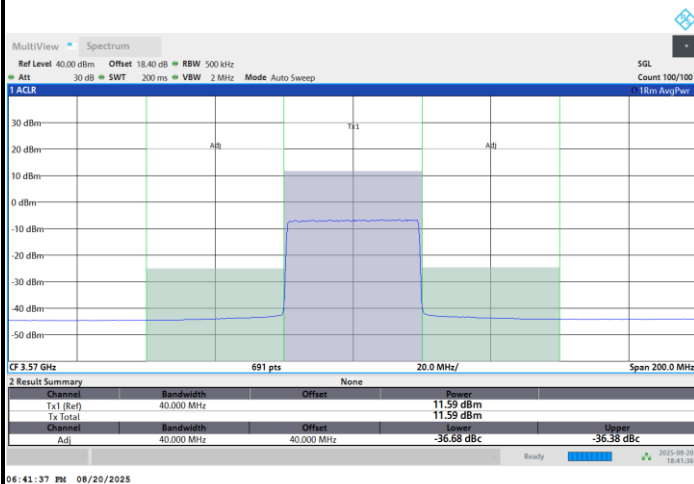
1RB0



1RBmax



Full RB

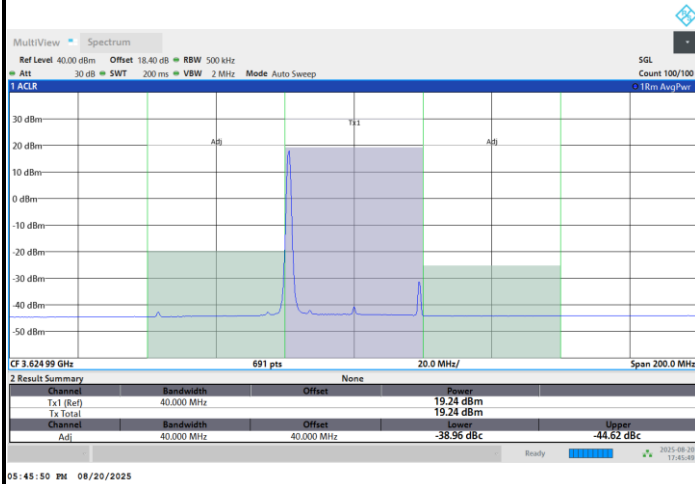




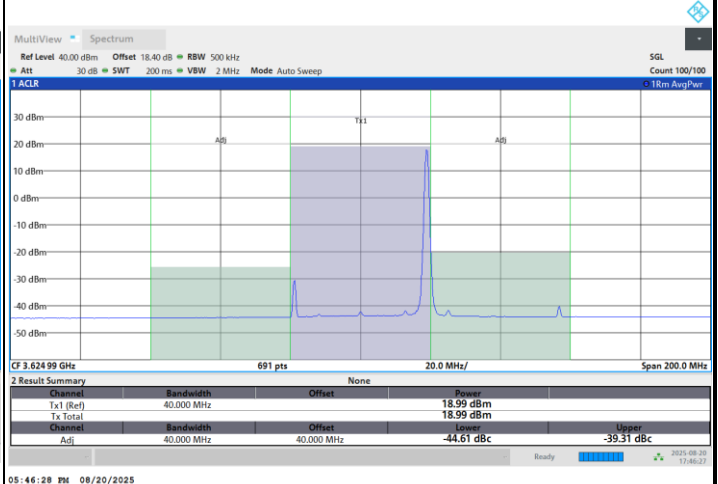
FR1 n48 / 40MHz / CP OFDM / QPSK

Middle Channel

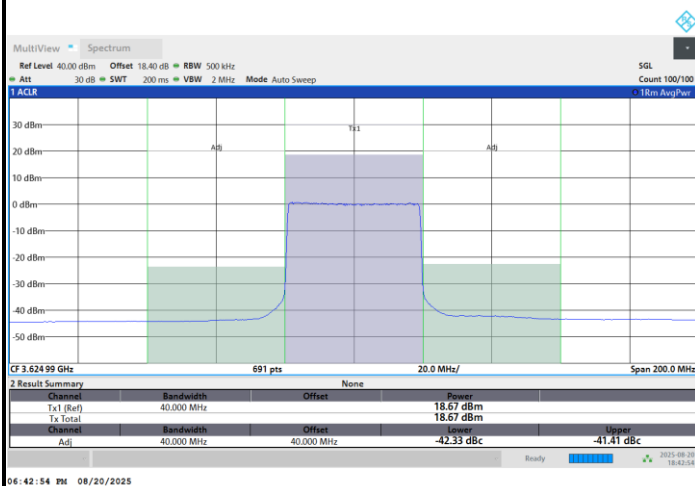
1RB0



1RBmax



Full RB

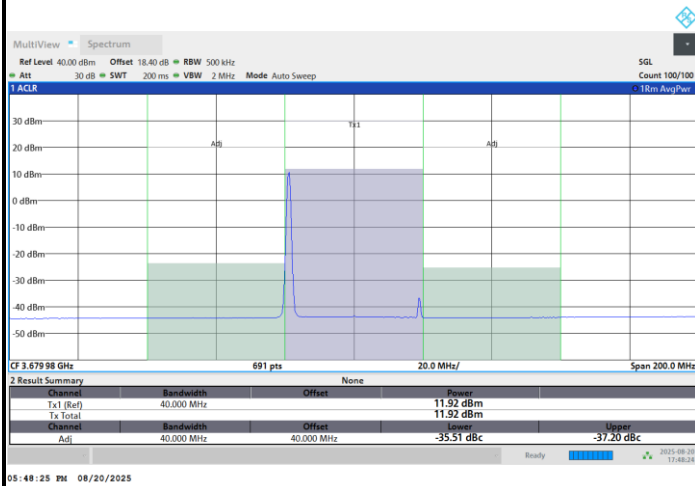




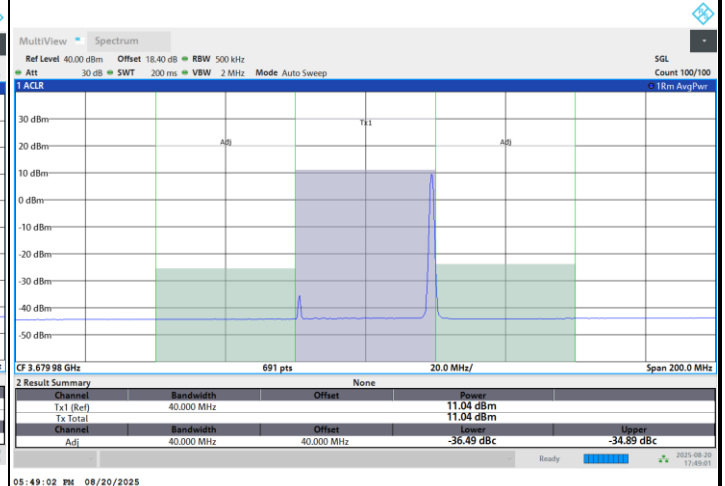
FR1 n48 / 40MHz / CP OFDM / QPSK

Highest Channel

1RB0



1RBmax



Full RB

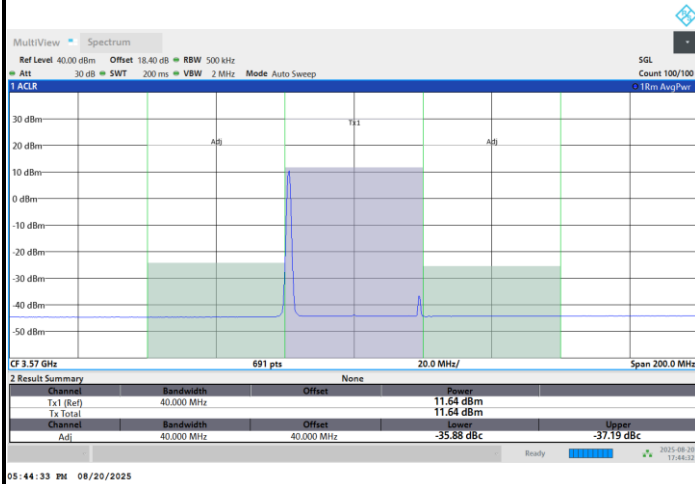




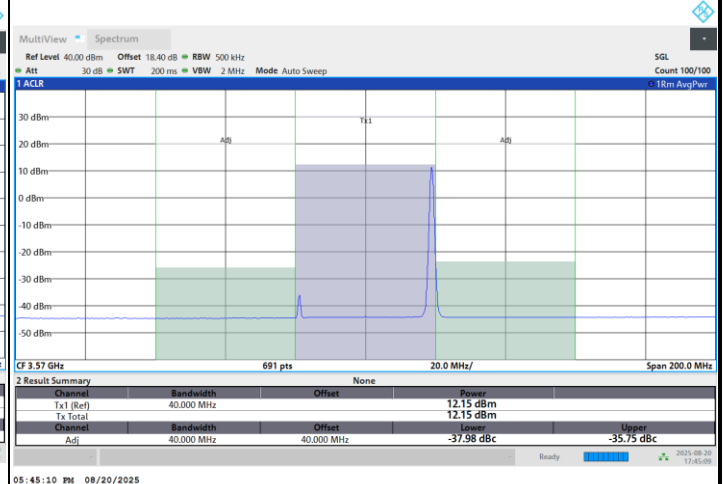
FR1 n48 / 40MHz / CP OFDM / 16QAM

Lowest Channel

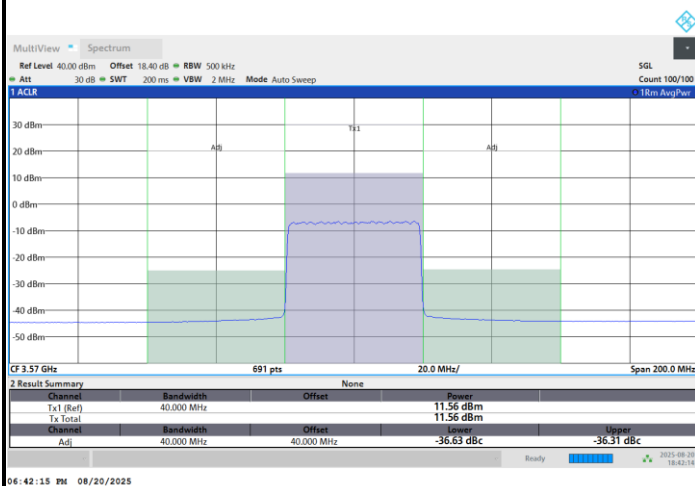
1RB0



1RBmax



Full RB

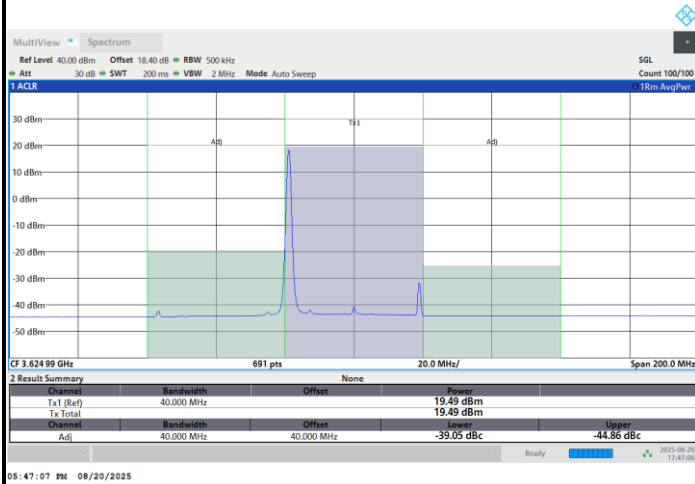




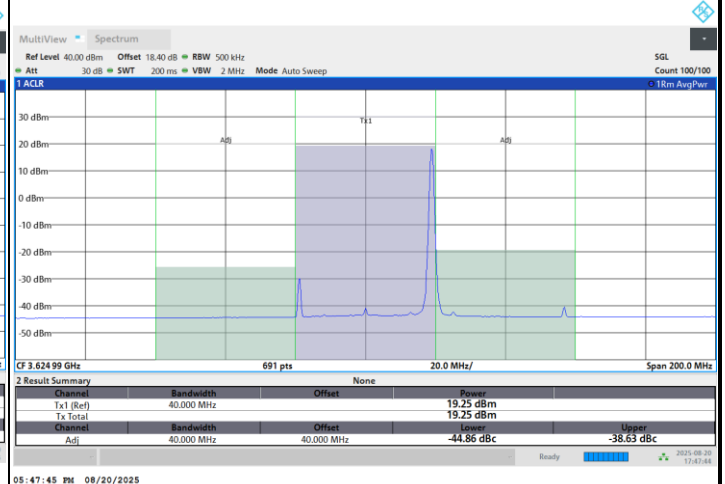
FR1 n48 / 40MHz / CP OFDM / 16QAM

Middle Channel

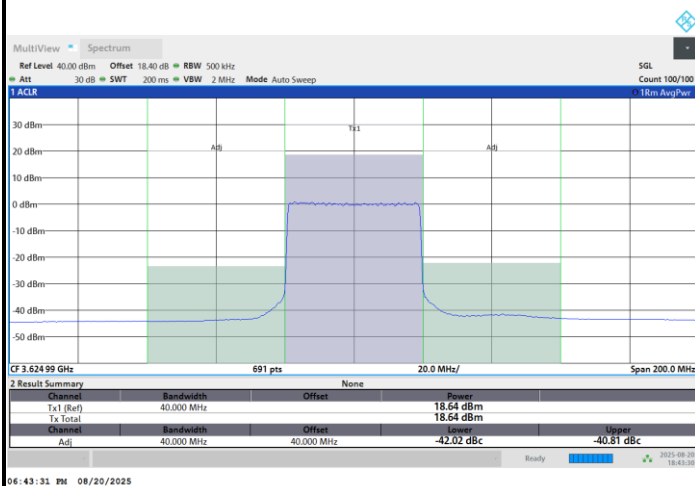
1RB0



1RBmax



Full RB

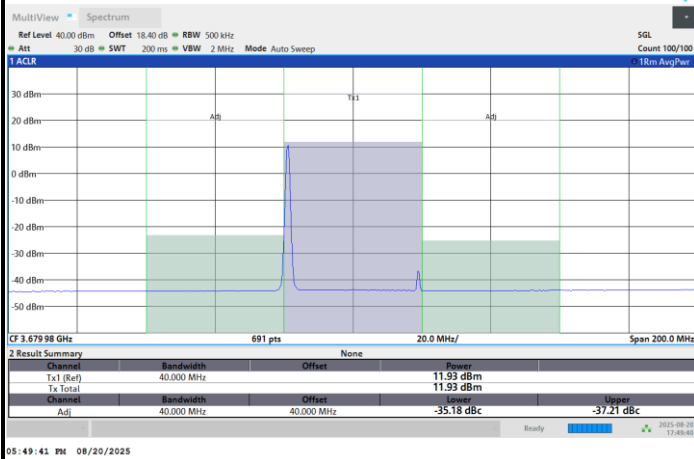




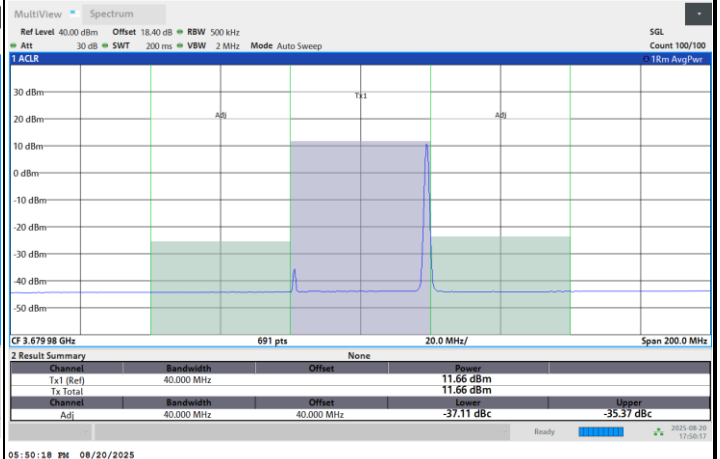
FR1 n48 / 40MHz / CP OFDM / 16QAM

Highest Channel

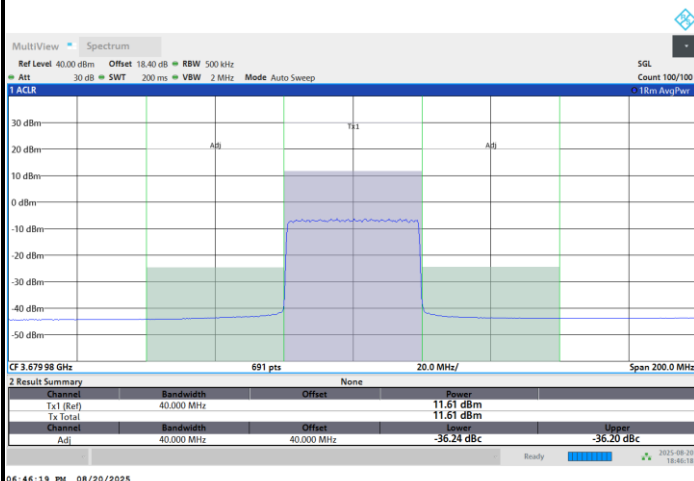
1RB0



1RBmax



Full RB

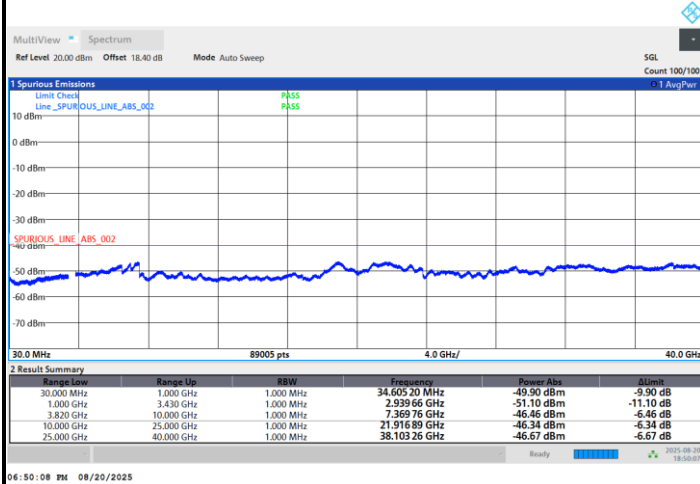




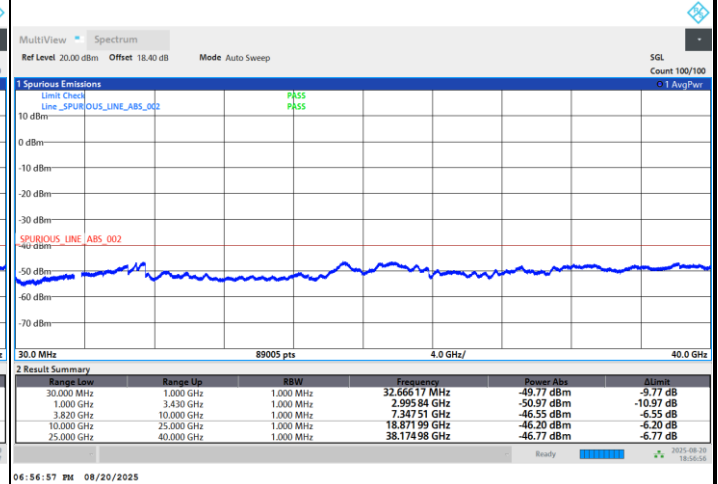
Conducted Spurious Emission

FR1 n48 / 10MHz / CP OFDM / QPSK / 1RB1

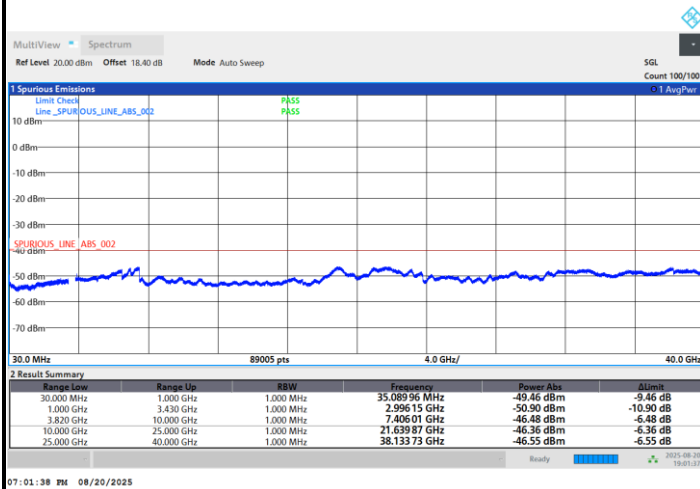
Lowest Channel



Middle Channel



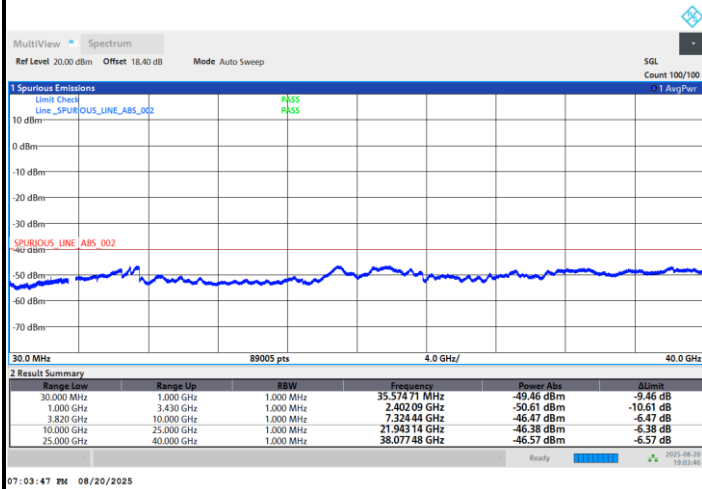
Highest Channel



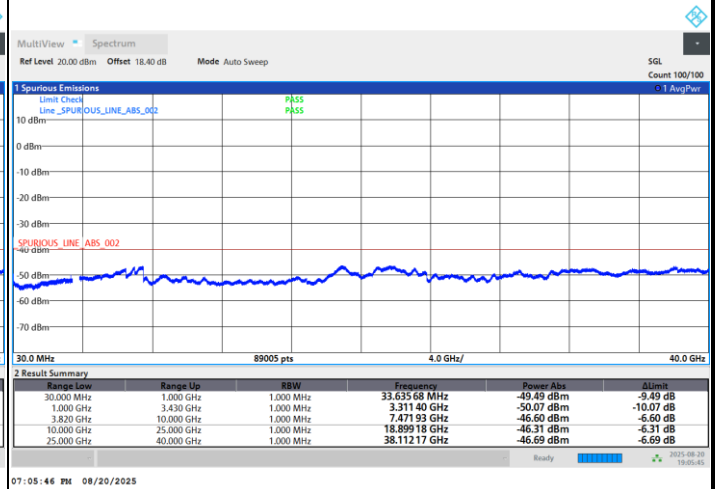


FR1 n48 / 15MHz / CP OFDM / QPSK / 1RB1

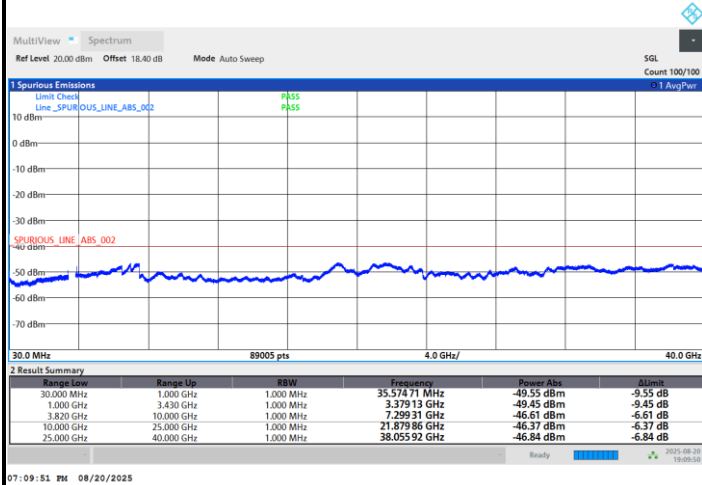
Lowest Channel



Middle Channel



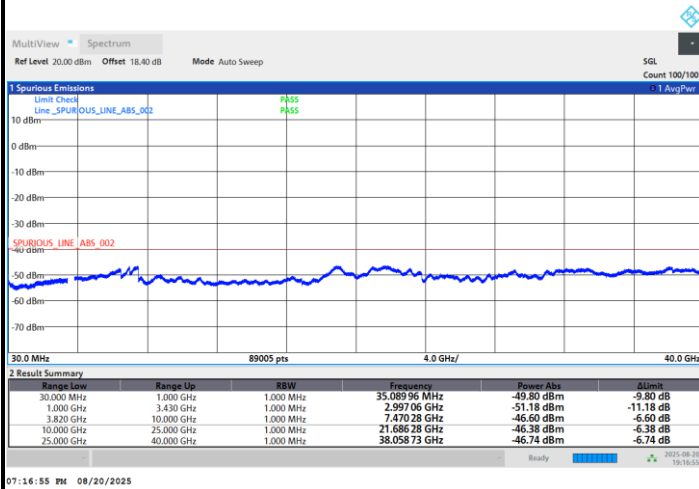
Highest Channel





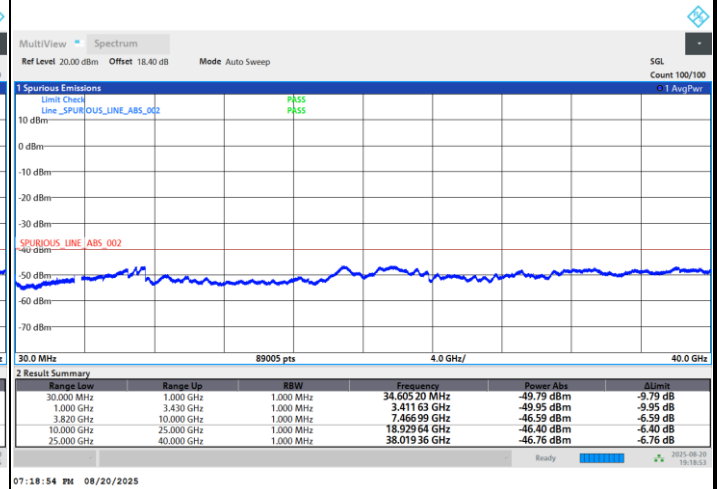
FR1 n48 / 20MHz / CP OFDM / QPSK / 1RB1

Lowest Channel



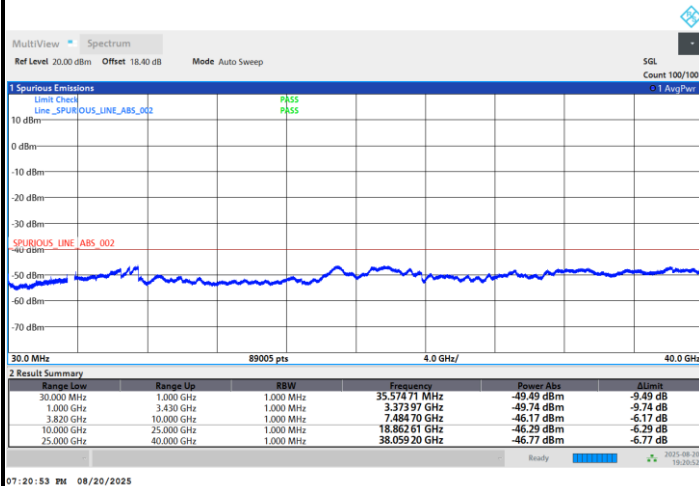
07:16:55 PM 08/20/2025

Middle Channel



07:18:54 PM 08/20/2025

Highest Channel

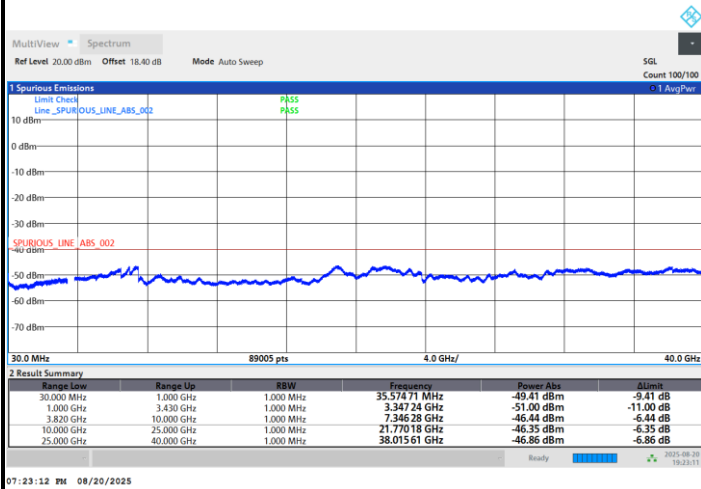


07:20:53 PM 08/20/2025

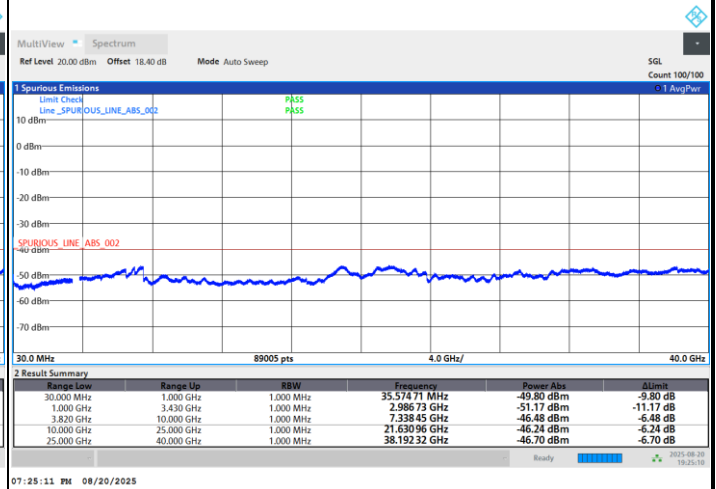


FR1 n48 / 30MHz / CP OFDM / QPSK / 1RB1

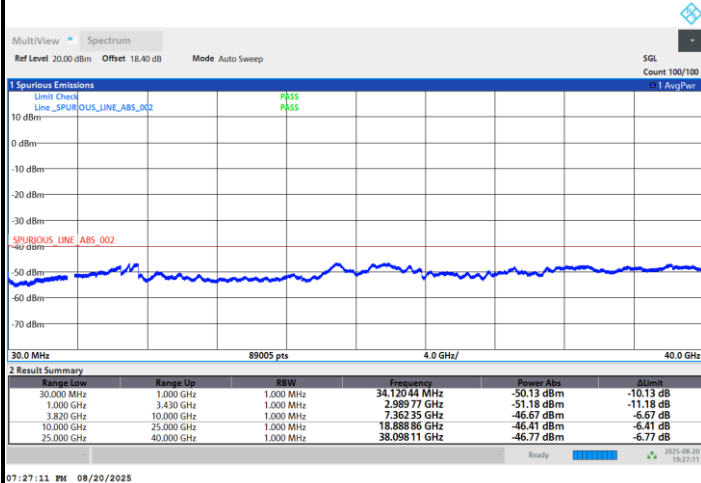
Lowest Channel



Middle Channel



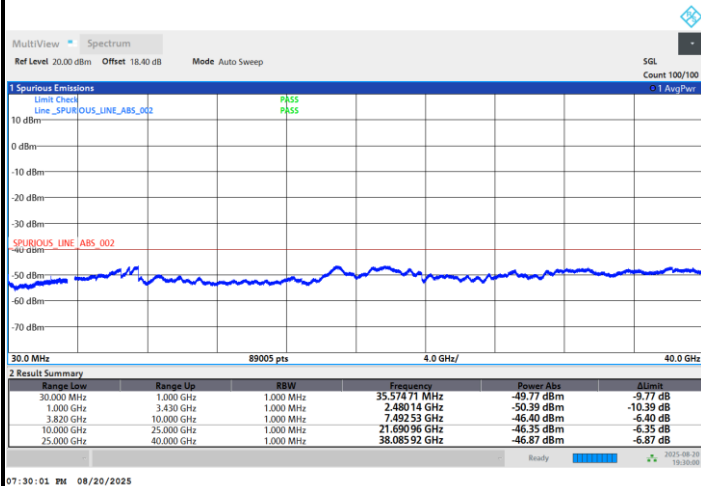
Highest Channel



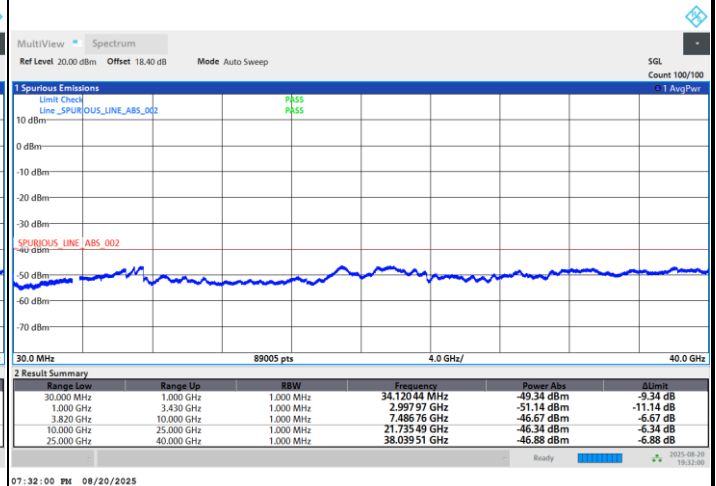


FR1 n48 / 40MHz / CP OFDM / QPSK / 1RB1

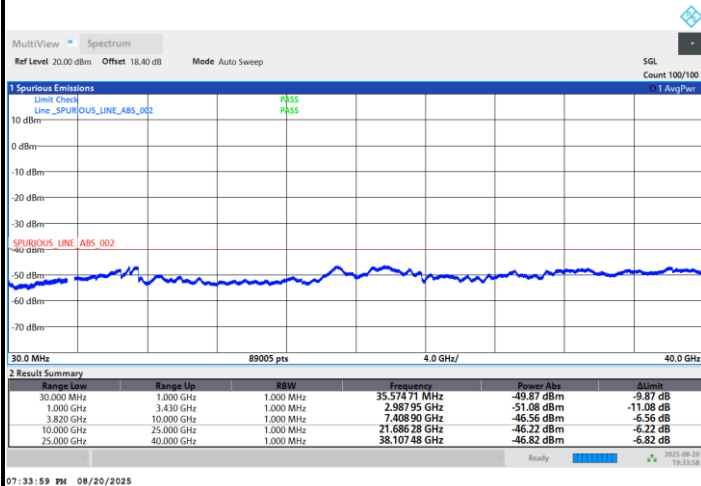
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n48 (QPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0018	-9.7	Yes	PASS
40	Normal Voltage	0.0035	9.6	Yes	
30	Normal Voltage	0.0015	2.6	Yes	
20(Ref.)	Normal Voltage	0.0000	-3	Yes	
10	Normal Voltage	0.0036	9.9	Yes	
0	Normal Voltage	0.0012	-7.3	Yes	
-10	Normal Voltage	0.0031	8.2	Yes	
-20	Normal Voltage	0.0014	2.1	Yes	
-30	Normal Voltage	0.0018	3.5	Yes	
20	Maximum Voltage	0.0003	-4	Yes	
20	Normal Voltage	0.0000	-3	Yes	
20	Minimum Voltage	0.0010	0.7	Yes	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp/Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 96	NR n48 MIMO	L	14205	-54.24	RMS	40.99	-48.02	0.05	-95.23	47.97	-40.00	-14.24	H	3+1

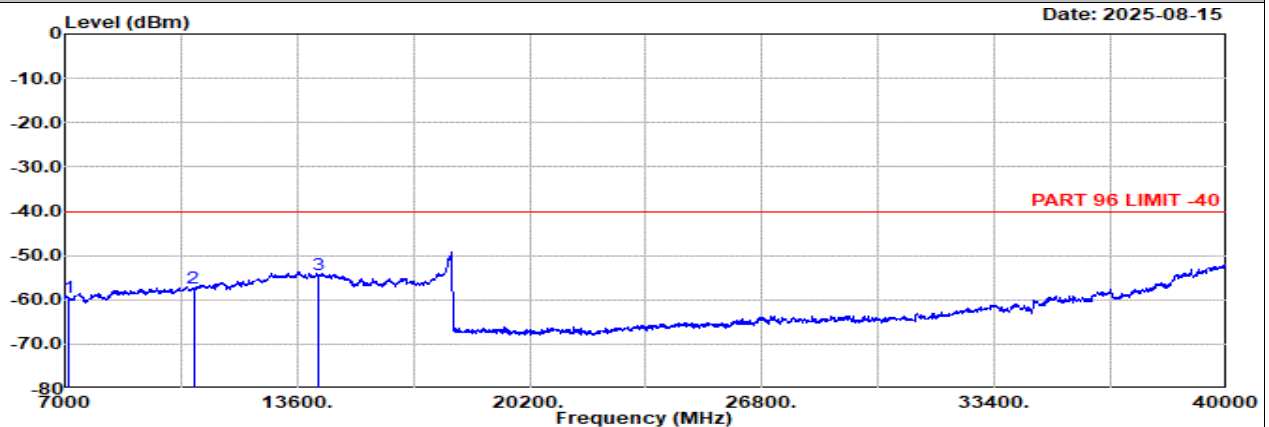


TX0+1_Ant. 3+1

Part 96 Mode 1

NR n48 MIMO 20M Ch637334 1RB1 QPSK

L

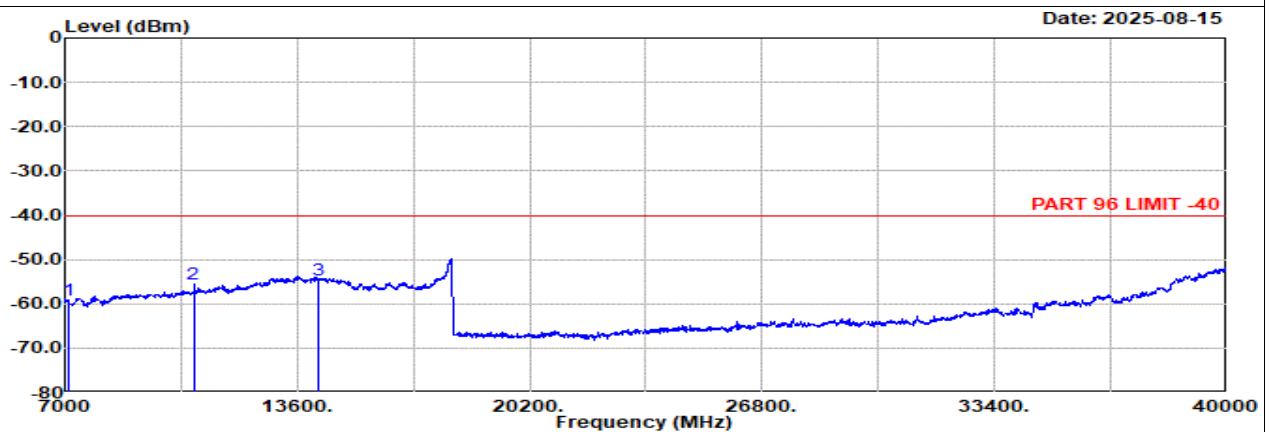


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Horizontal

: SA n48 20M MIMO Ch637334 1RB1 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin Pol	
				Factor	1					
1	7102.00	-59.55	RMS	36.61	-53.58	0.82	-95.23	51.83	-40.00	-19.55 Horizontal
2	10653.00	-57.34	RMS	39.20	-51.99	0.19	-95.23	50.49	-40.00	-17.34 Horizontal
3	14205.00	-54.24	RMS	40.99	-48.02	0.05	-95.23	47.97	-40.00	-14.24 Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Vertical

: SA n48 20M MIMO Ch637334 1RB1 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin Pol	
				Factor	1					
1	7102.00	-59.24	RMS	36.61	-53.58	0.82	-95.23	52.14	-40.00	-19.24 Vertical
2	10653.00	-55.40	RMS	39.20	-51.99	0.19	-95.23	52.43	-40.00	-15.40 Vertical
3	14205.00	-54.59	RMS	40.99	-48.02	0.05	-95.23	47.62	-40.00	-14.59 Vertical

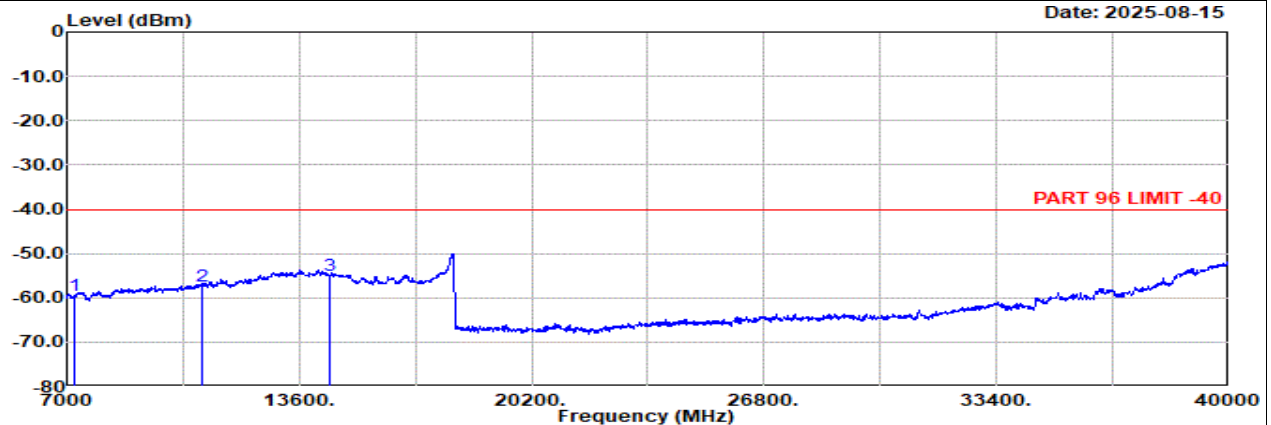


TX0+1_Ant. 3+1

Part 96 Mode 1

NR n48 MIMO 20M Ch641666 1RB1 QPSK

M

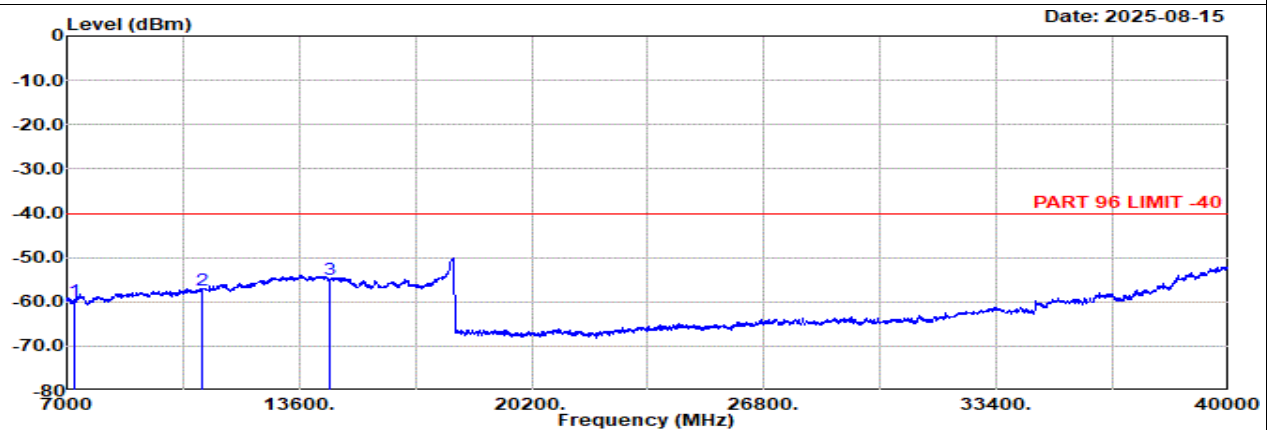


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Horizontal

: SA n48 20M MIMO Ch641666 1RB1 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7232.00	-59.60	RMS	37.10	-53.49	0.65	-95.23	51.37	-40.00	-19.60	Horizontal
2	10848.00	-57.21	RMS	39.00	-51.78	0.20	-95.23	50.60	-40.00	-17.21	Horizontal
3	14465.00	-55.03	RMS	40.59	-47.57	0.05	-95.23	47.13	-40.00	-15.03	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Vertical

: SA n48 20M MIMO Ch641666 1RB1 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7232.00	-59.85	RMS	37.10	-53.49	0.65	-95.23	51.12	-40.00	-19.85	Vertical
2	10848.00	-57.27	RMS	39.00	-51.78	0.20	-95.23	50.54	-40.00	-17.27	Vertical
3	14465.00	-54.87	RMS	40.59	-47.57	0.05	-95.23	47.29	-40.00	-14.87	Vertical

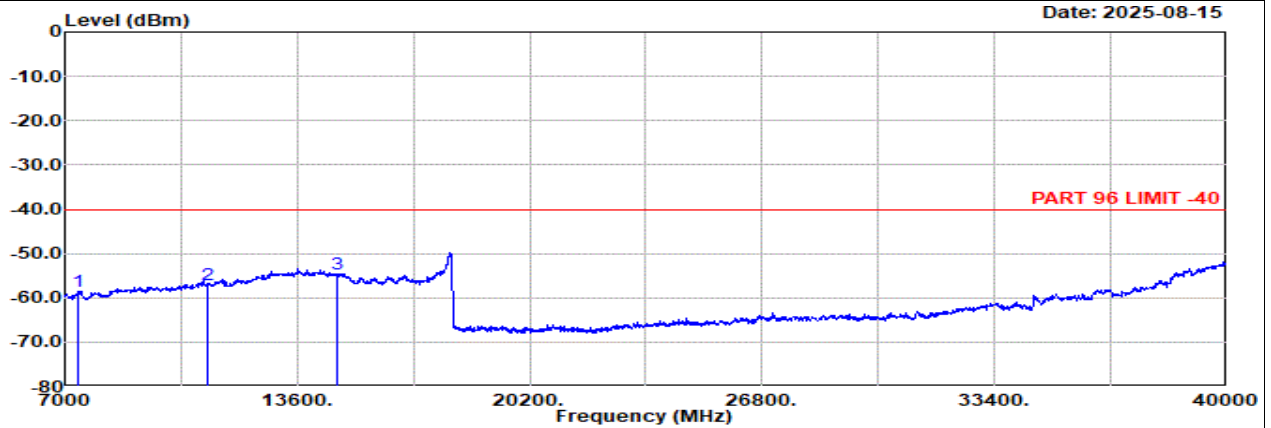


TX0+1_Ant. 3+1

Part 96 Mode 1

NR n48 MIMO 20M Ch646000 1RB1 QPSK

H

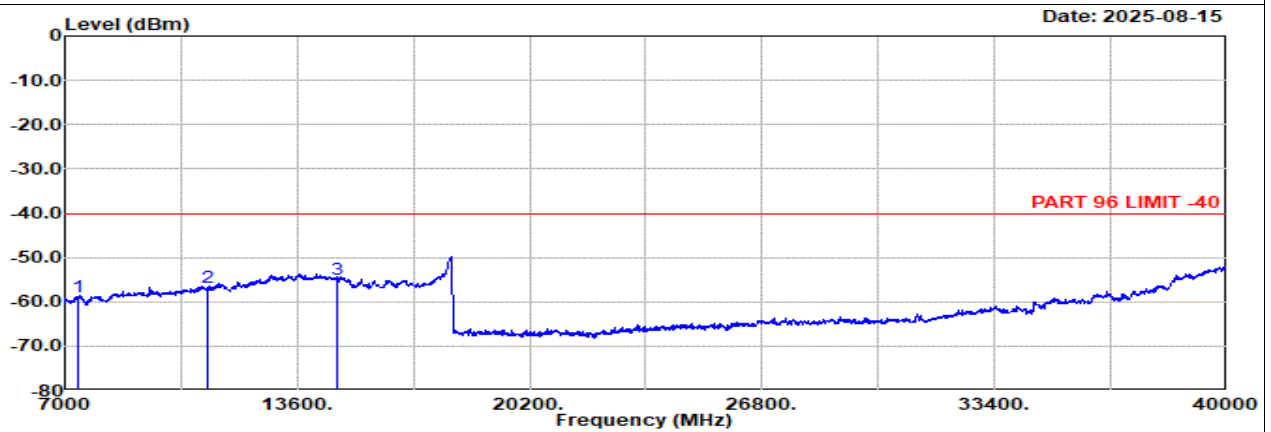


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Horizontal

: SA n48 20M MIMO Ch646000 1RB1 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	7362.00	-58.65	RMS	37.05	-53.44	0.42 -95.23	52.55	-40.00	-18.65	Horizontal
2	11043.00	-56.99	RMS	38.99	-51.54	0.22 -95.23	50.57	-40.00	-16.99	Horizontal
3	14725.00	-54.75	RMS	40.45	-47.96	0.06 -95.23	47.93	-40.00	-14.75	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Vertical

: SA n48 20M MIMO Ch646000 1RB1 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	7362.00	-58.73	RMS	37.05	-53.44	0.42 -95.23	52.47	-40.00	-18.73	Vertical
2	11043.00	-56.62	RMS	38.99	-51.54	0.22 -95.23	50.94	-40.00	-16.62	Vertical
3	14725.00	-54.88	RMS	40.45	-47.96	0.06 -95.23	47.80	-40.00	-14.88	Vertical

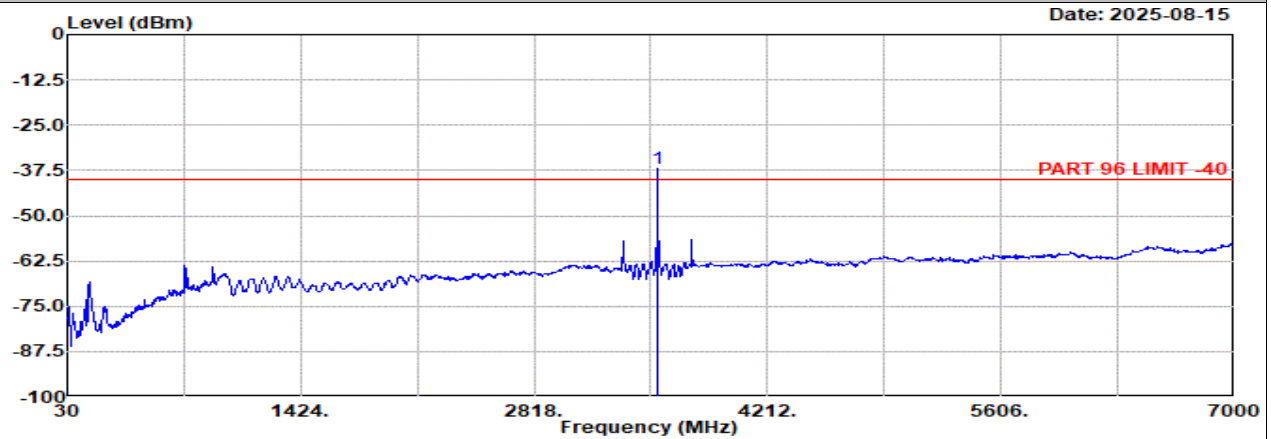


TX0+1_Ant. 3+1

Part 96 Mode 1

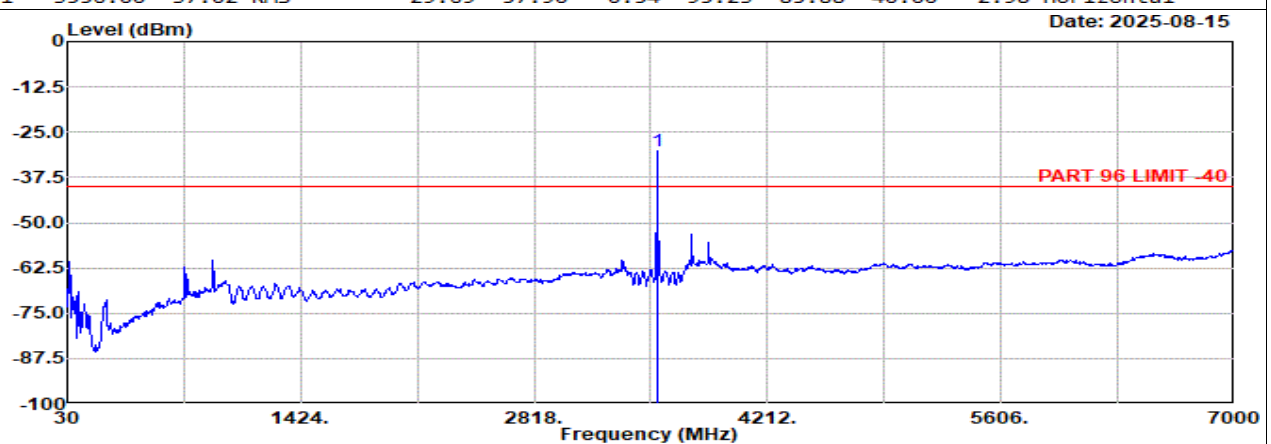
NR SA n48 MIMO 20M Ch637334 1RB1 QPSK

L



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Horizontal
: SA n48 20M MIMO Ch637334 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3556.00	-37.02	RMS	29.69	-57.90	0.54	-95.23	85.88	-40.00	2.98 Horizontal



Site : 03CH12-HY
Condition: PART 96 LIMIT -40 3m 9120D-02114-250702 Vertical
: SA n48 20M MIMO Ch637334 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3556.00	-30.09	RMS	29.69	-57.90	0.54	-95.23	92.81	-40.00	9.91 Vertical

Remark: #1 is fundamental signal which can be ignored.

————THE END————