

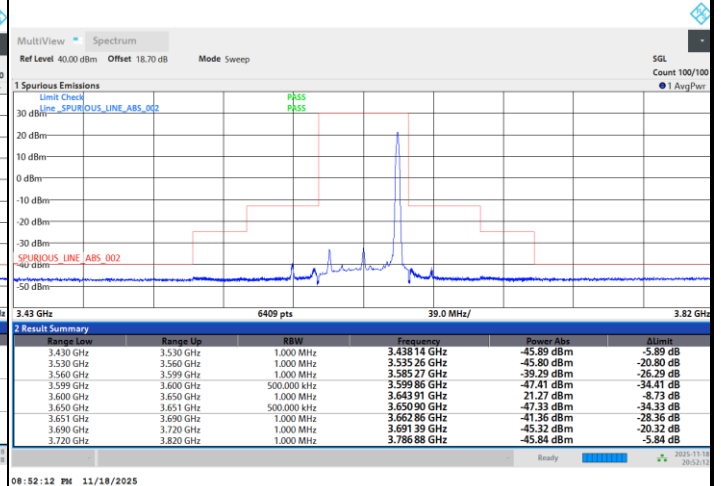
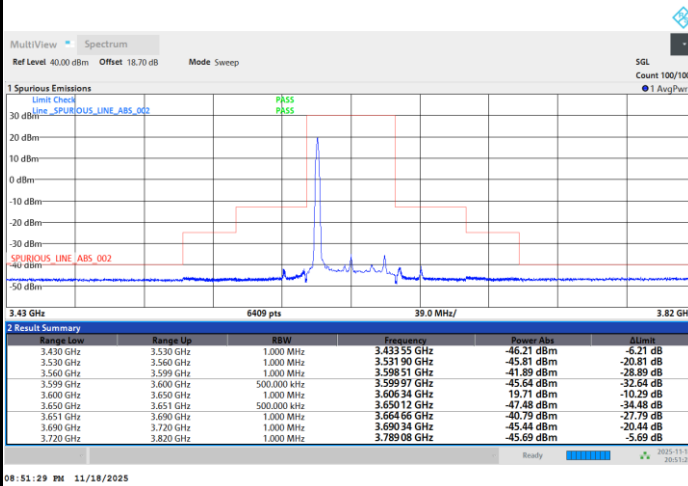


FR1 n48 / 40MHz / CP OFDM / QPSK

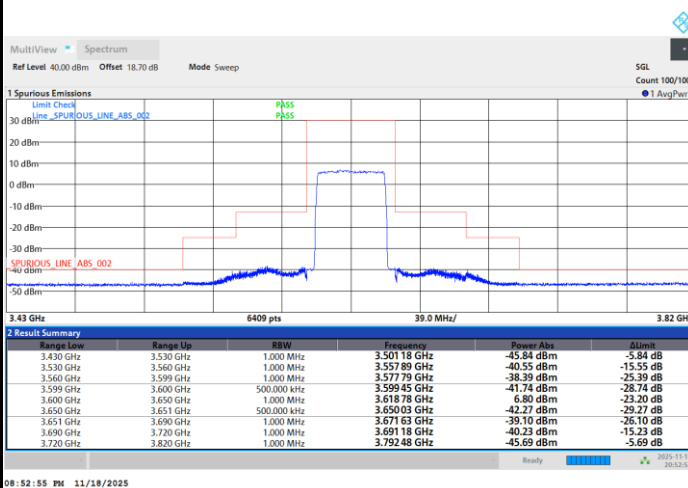
Middle Channel

1RB0

1RBmax



Full RB



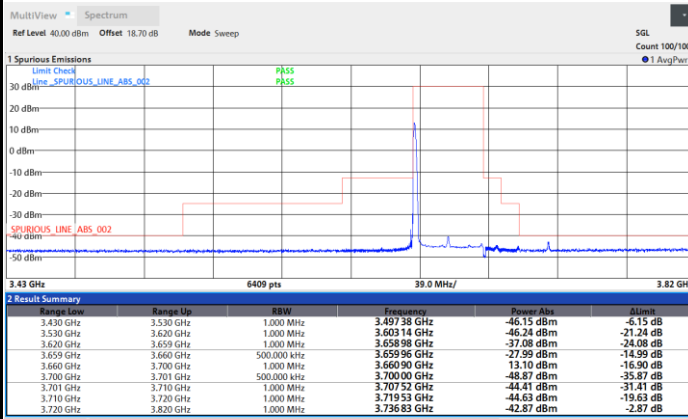


FR1 n48 / 40MHz / CP OFDM / QPSK

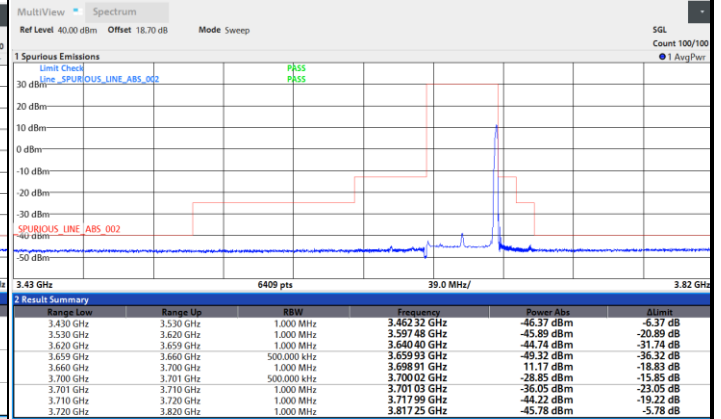
Highest Channel

1RB0

1RBmax

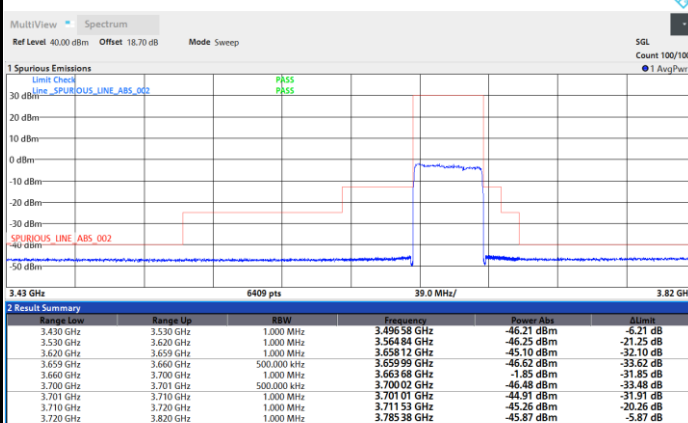


08:55:51 PM 11/18/2025



08:56:34 PM 11/18/2025

Full RB



08:57:17 PM 11/18/2025

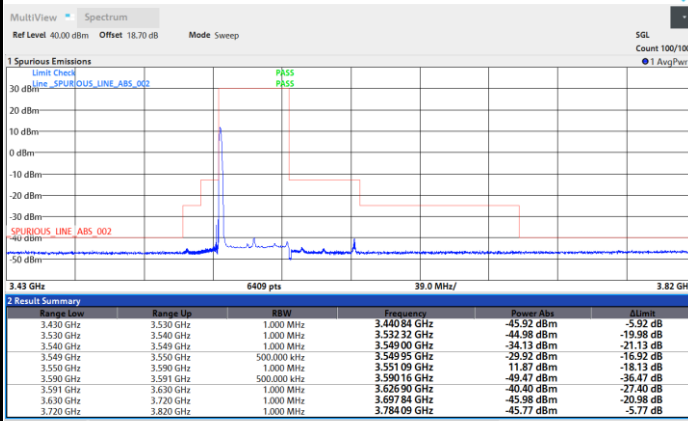


FR1 n48 / 40MHz / CP OFDM / 16QAM

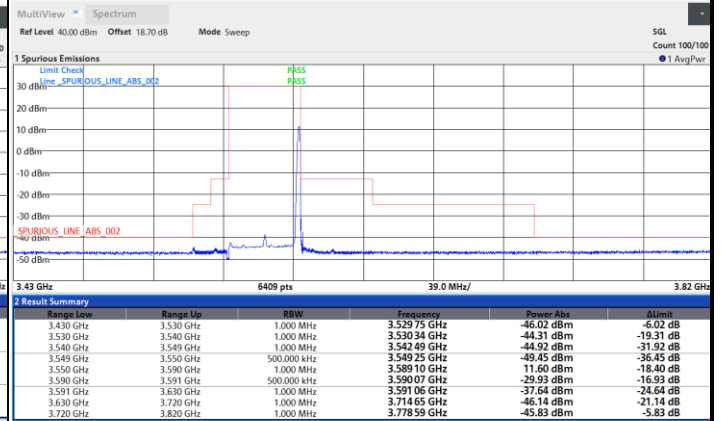
Lowest Channel

1RB0

1RBmax

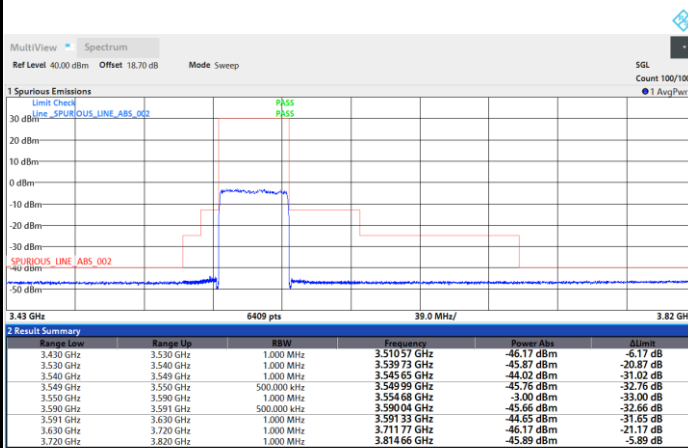


08:49:17 PM 11/18/2025



08:50:00 PM 11/18/2025

Full RB



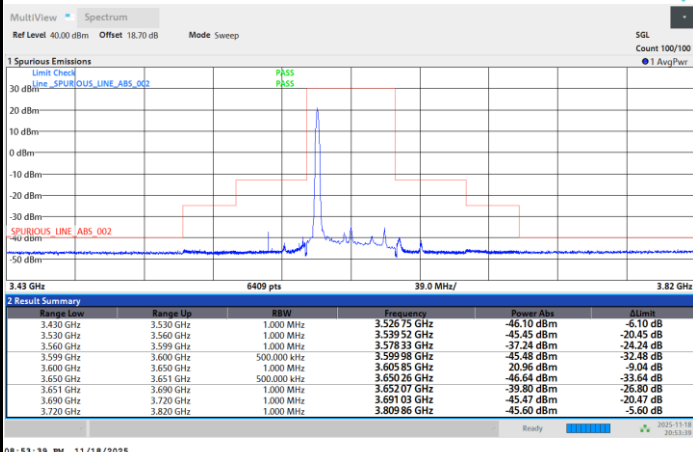
08:50:43 PM 11/18/2025

FR1 n48 / 40MHz / CP OFDM / 16QAM

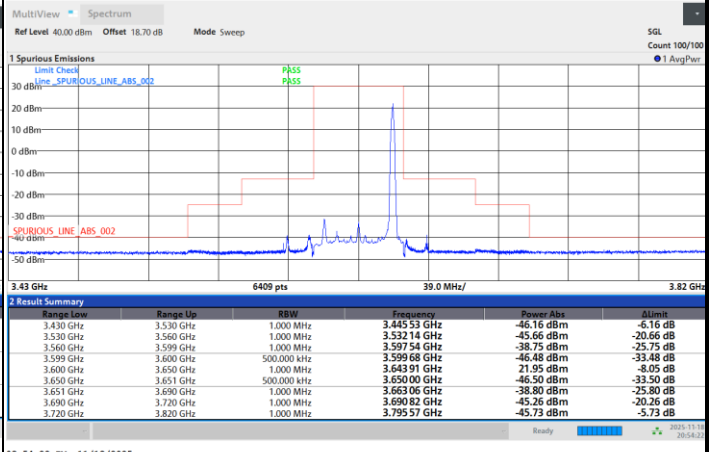
Middle Channel

1RB0

1RBmax

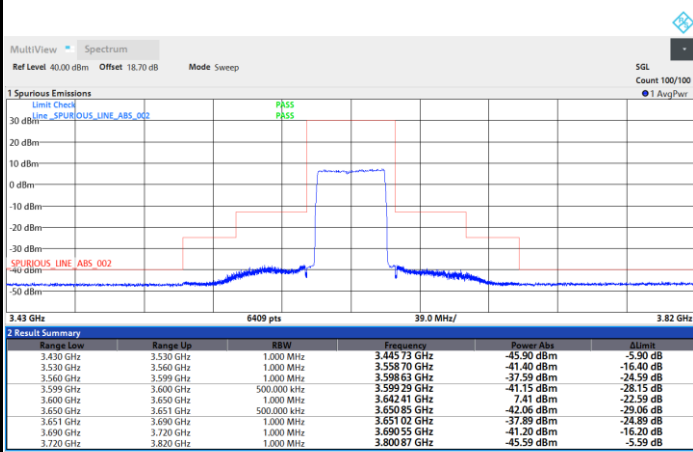


08:53:39 PM 11/18/2025



08:54:23 PM 11/18/2025

Full RB



08:55:06 PM 11/18/2025

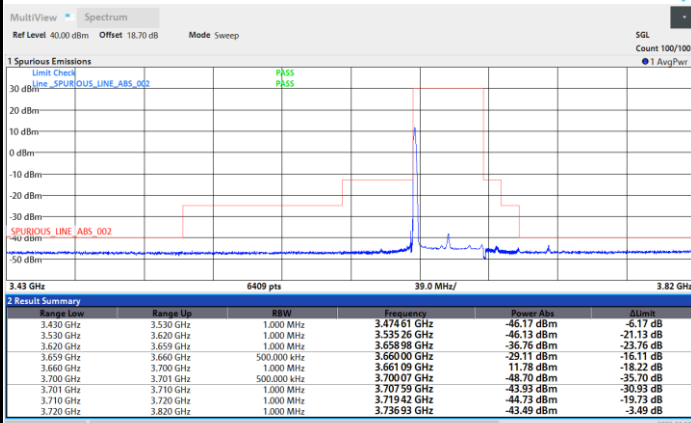


FR1 n48 / 40MHz / CP OFDM / 16QAM

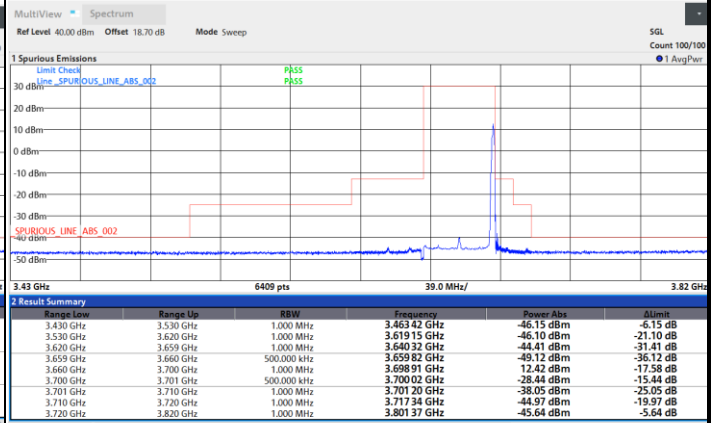
Highest Channel

1RB0

1RBmax

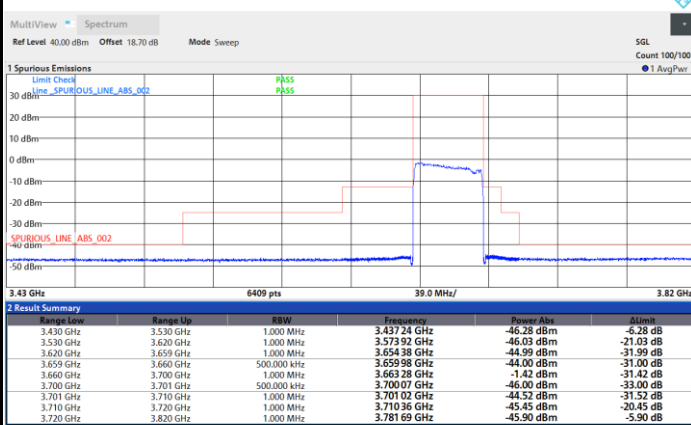


08:58:01 PM 11/18/2025



08:58:44 PM 11/18/2025

Full RB



08:59:27 PM 11/18/2025



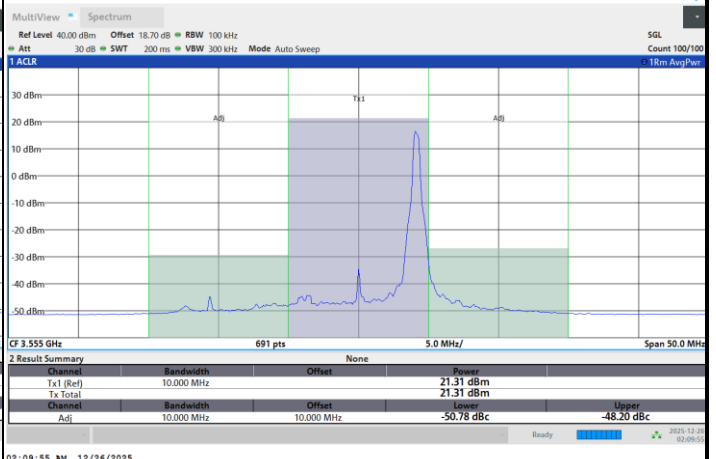
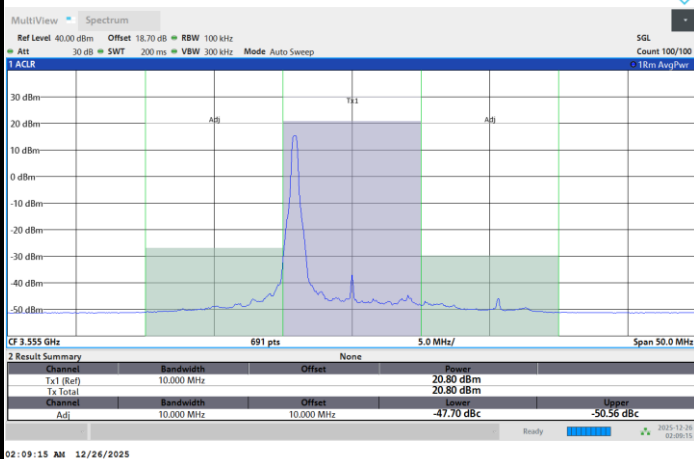
Adjacent Channel Leakage Ratio (ACLR)

FR1 n48 / 10MHz / CP OFDM / QPSK

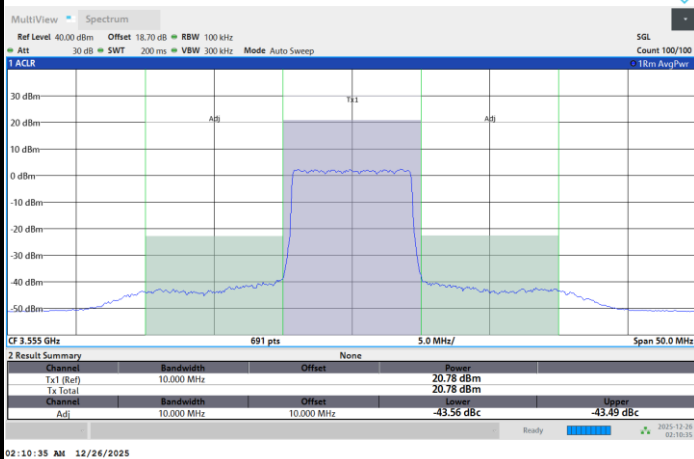
Lowest Channel

1RB0

1RBmax



Full RB



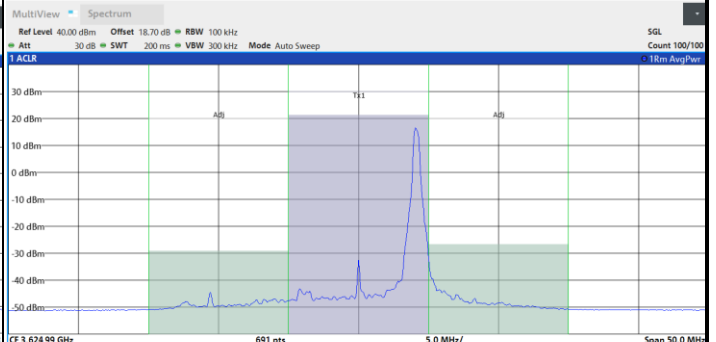
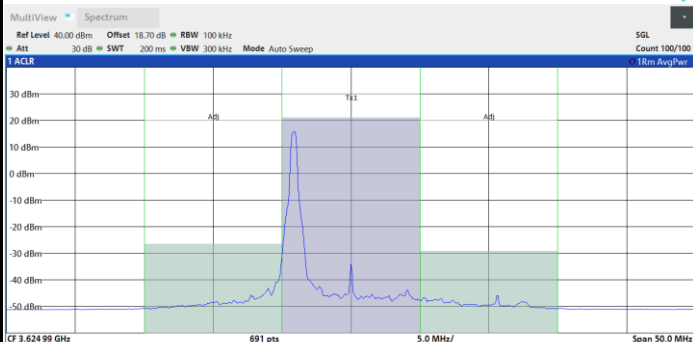


FR1 n48 / 10MHz / CP OFDM / QPSK

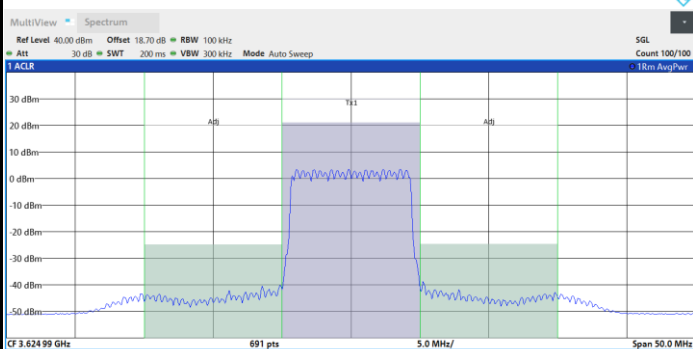
Middle Channel

1RB0

1RBmax



Full RB



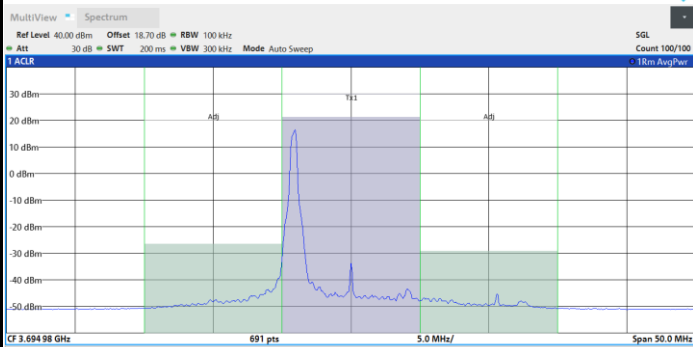


FR1 n48 / 10MHz / CP OFDM / QPSK

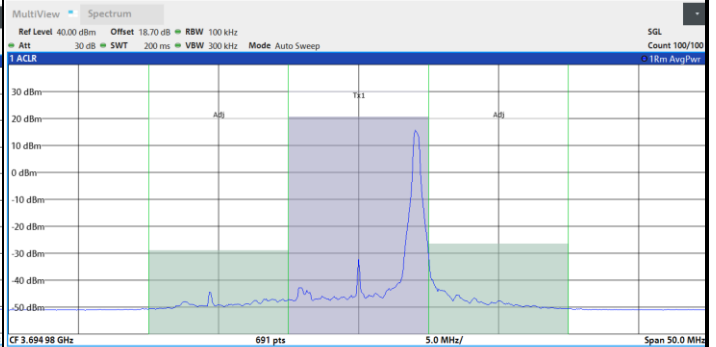
Highest Channel

1RB0

1RBmax

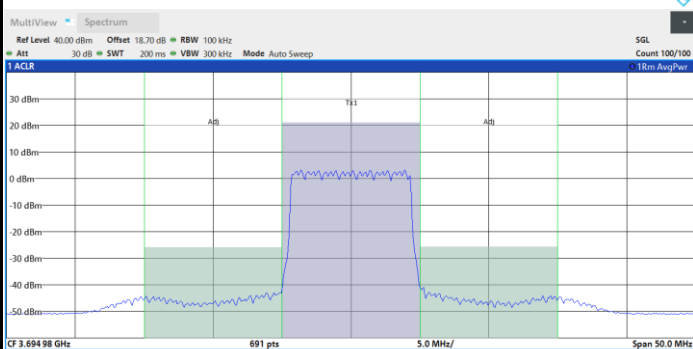


02:17:21 AM 12/26/2025



02:18:01 AM 12/26/2025

Full RB



02:18:42 AM 12/26/2025

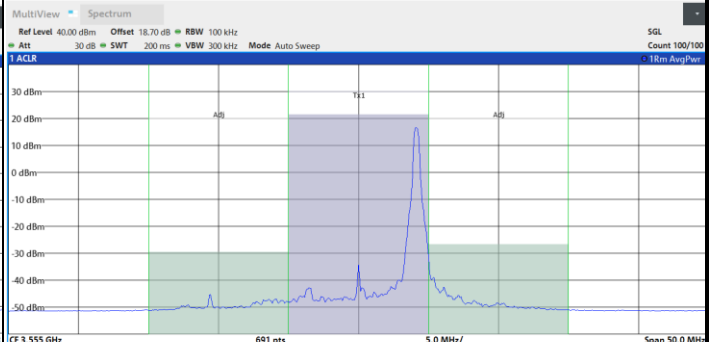
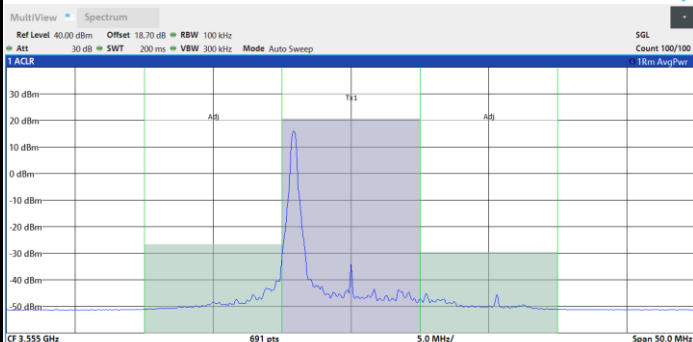


FR1 n48 / 10MHz / CP OFDM / 16QAM

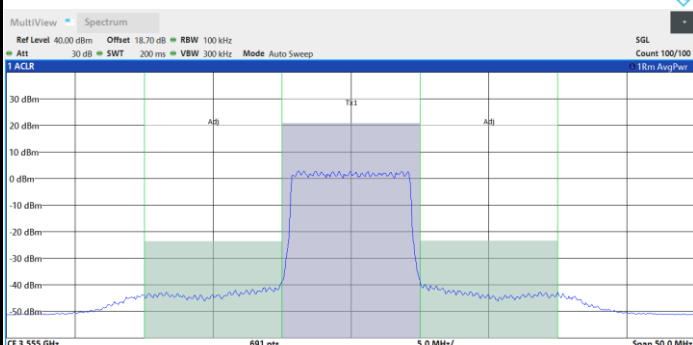
Lowest Channel

1RB0

1RBmax



Full RB



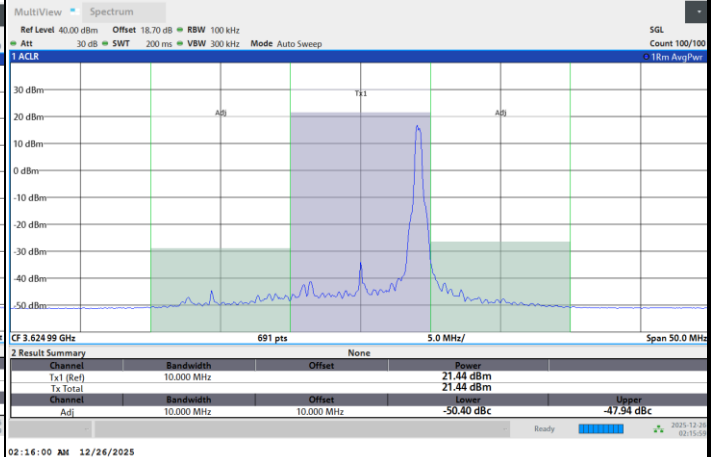
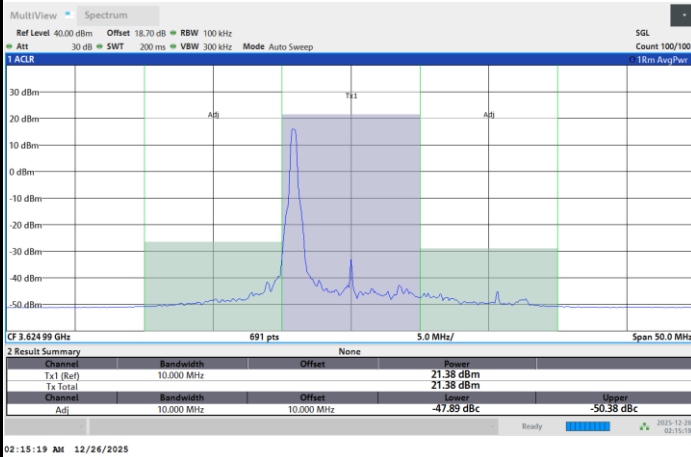


FR1 n48 / 10MHz / CP OFDM / 16QAM

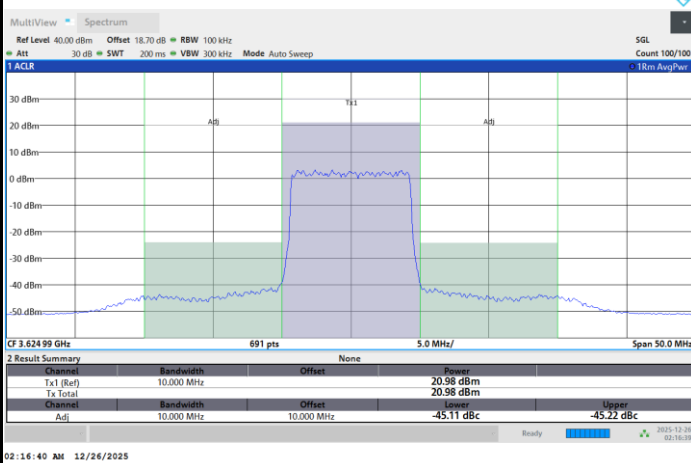
Middle Channel

1RB0

1RBmax



Full RB



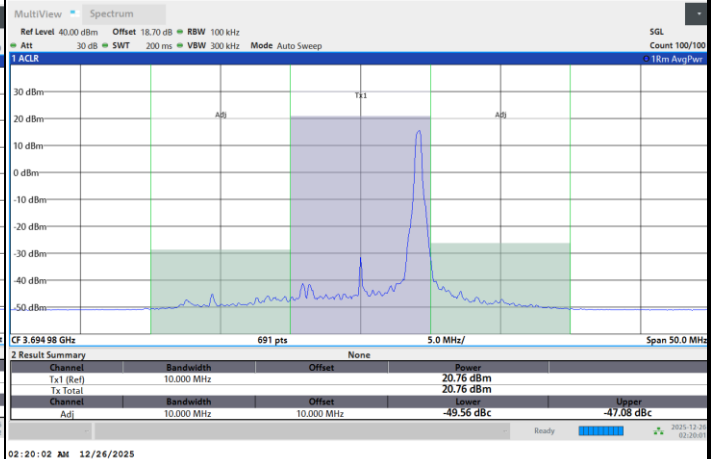
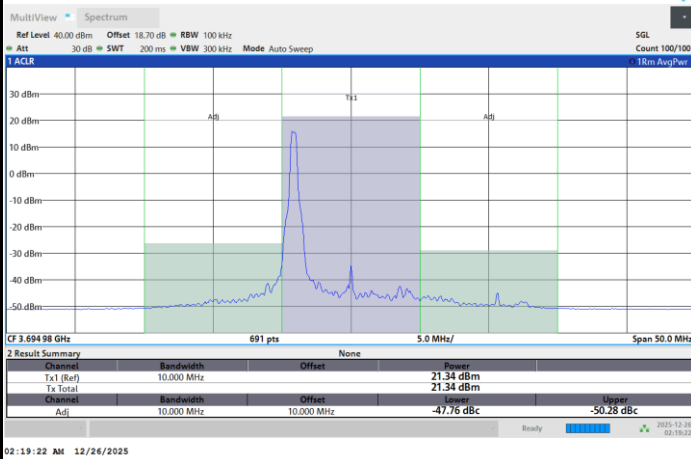


FR1 n48 / 10MHz / CP OFDM / 16QAM

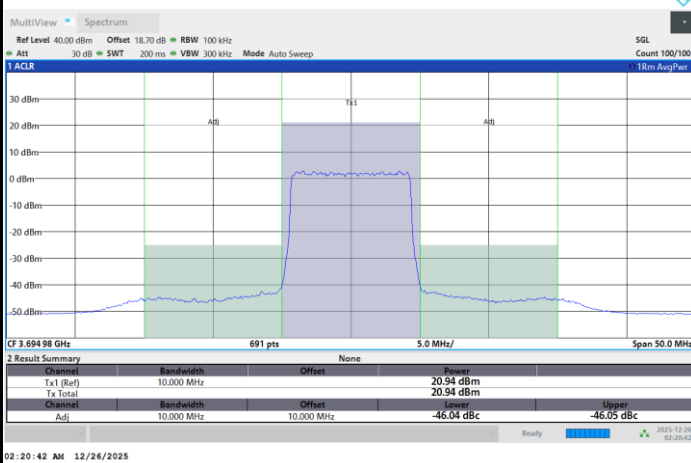
Highest Channel

1RB0

1RBmax



Full RB

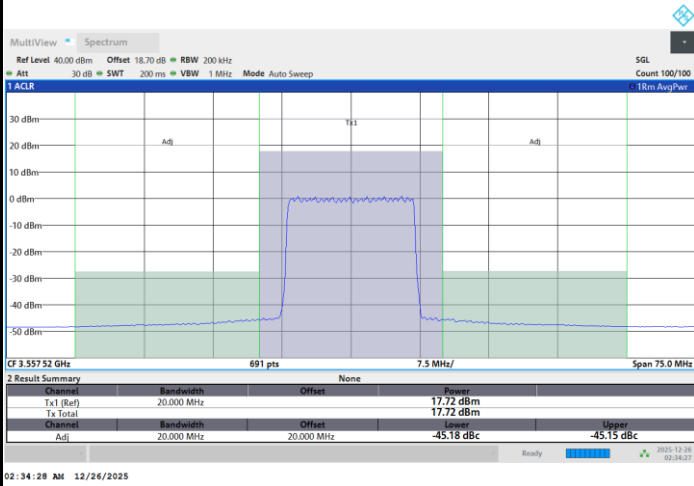




FR1 n48 / 15MHz / CP OFDM / QPSK

Lowest Channel

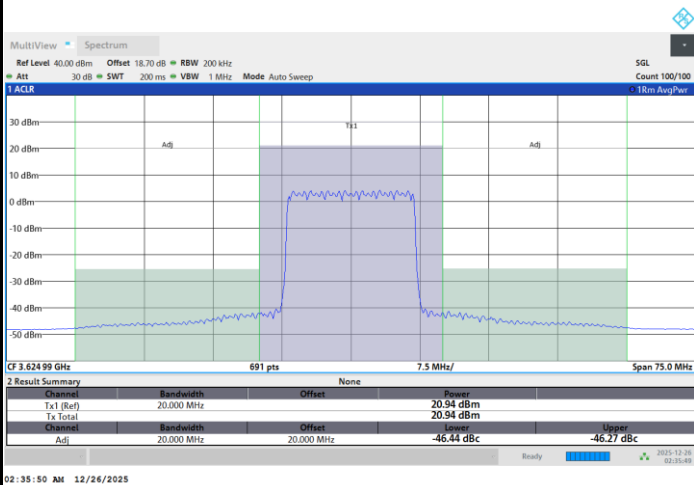
Full RB



FR1 n48 / 15MHz / CP OFDM / QPSK

Middle Channel

Full RB

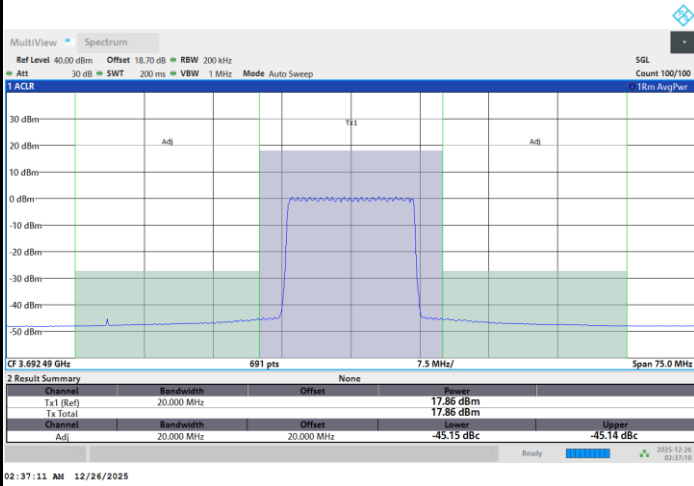




FR1 n48 / 15MHz / CP OFDM / QPSK

Highest Channel

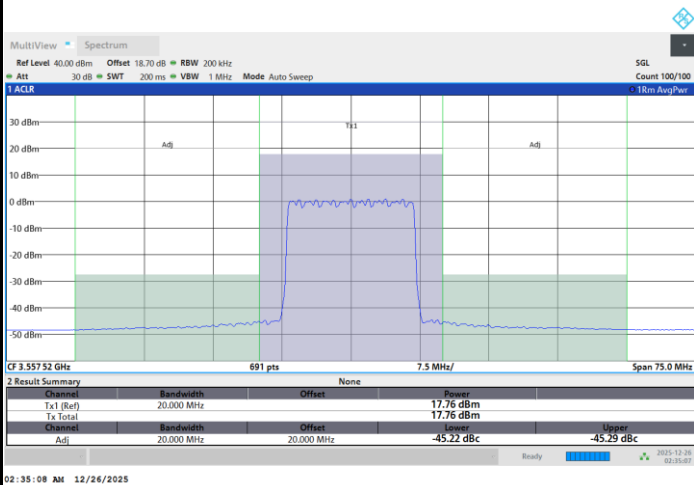
Full RB



FR1 n48 / 15MHz / CP OFDM / 16QAM

Lowest Channel

Full RB

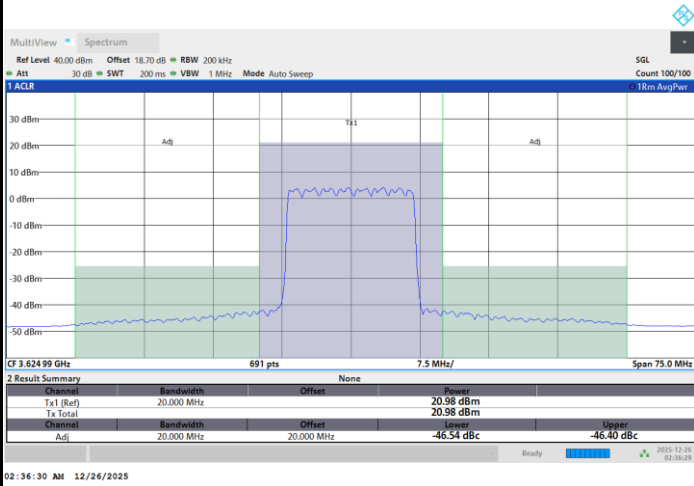




FR1 n48 / 15MHz / CP OFDM / 16QAM

Middle Channel

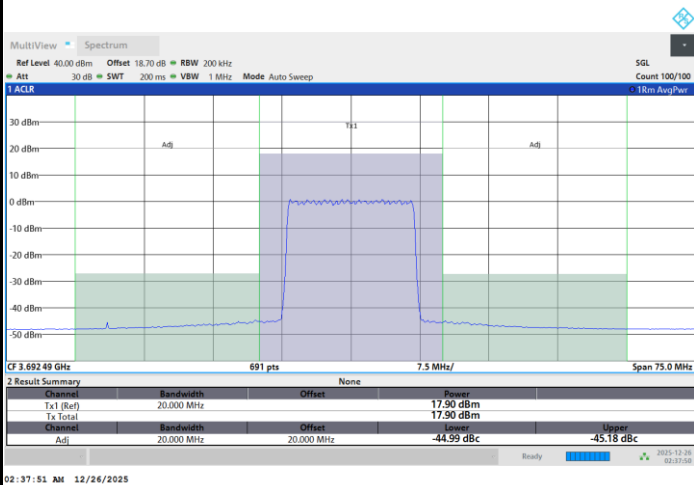
Full RB



FR1 n48 / 15MHz / CP OFDM / 16QAM

Highest Channel

Full RB

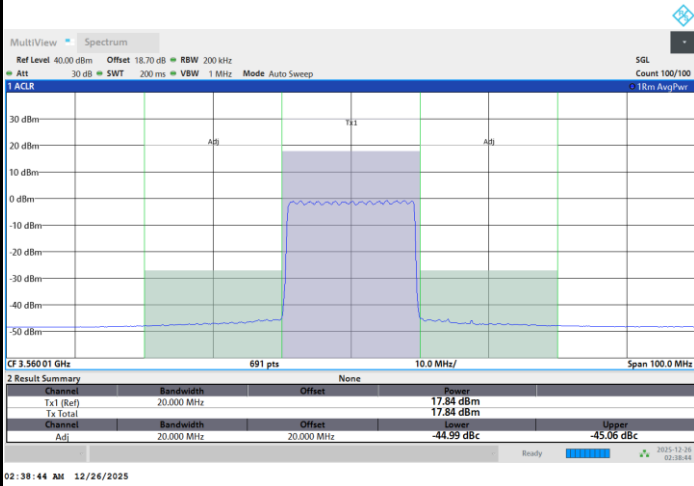




FR1 n48 / 20MHz / CP OFDM / QPSK

Lowest Channel

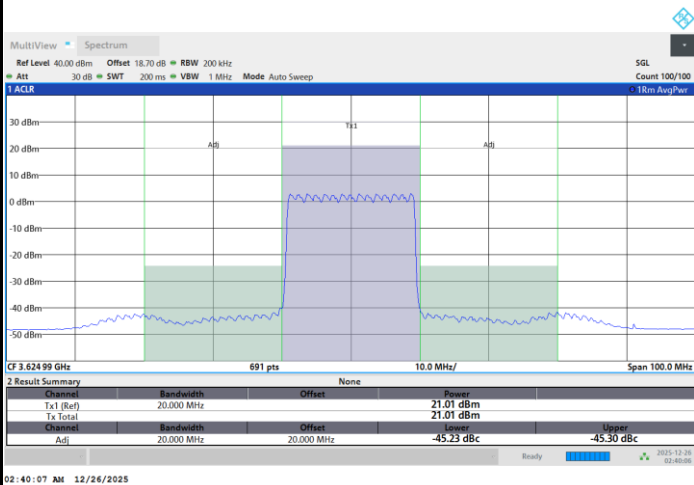
Full RB



FR1 n48 / 20MHz / CP OFDM / QPSK

Middle Channel

Full RB

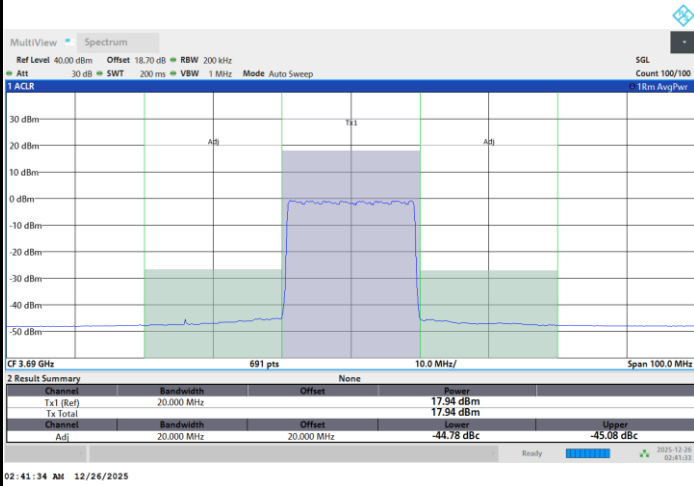




FR1 n48 / 20MHz / CP OFDM / QPSK

Highest Channel

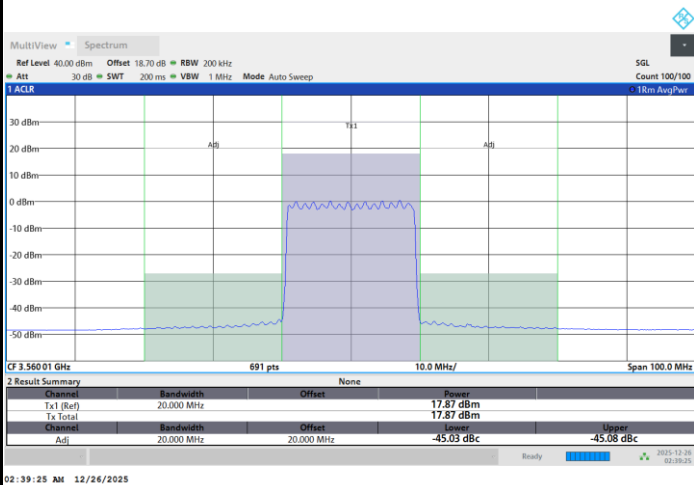
Full RB



FR1 n48 / 20MHz / CP OFDM / 16QAM

Lowest Channel

Full RB

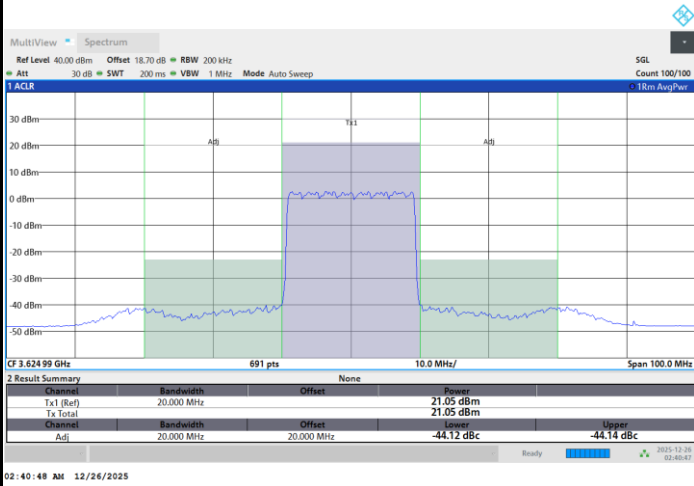




FR1 n48 / 20MHz / CP OFDM / 16QAM

Middle Channel

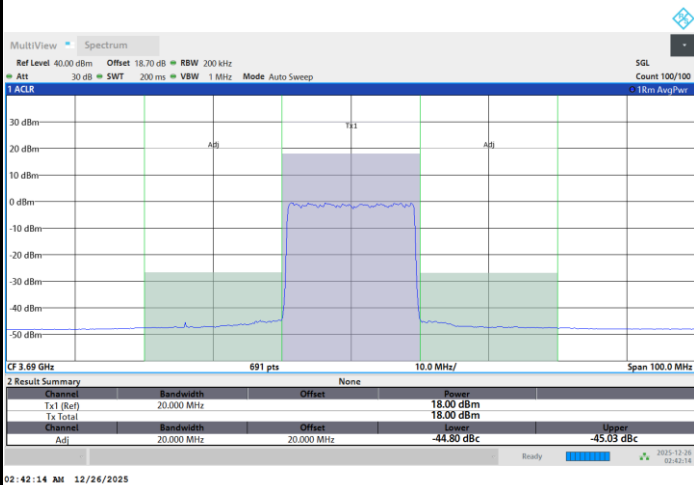
Full RB



FR1 n48 / 20MHz / CP OFDM / 16QAM

Highest Channel

Full RB

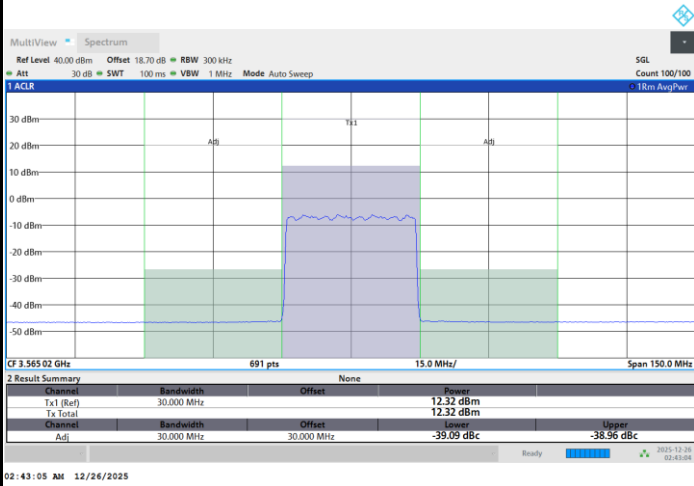




FR1 n48 / 30MHz / CP OFDM / QPSK

Lowest Channel

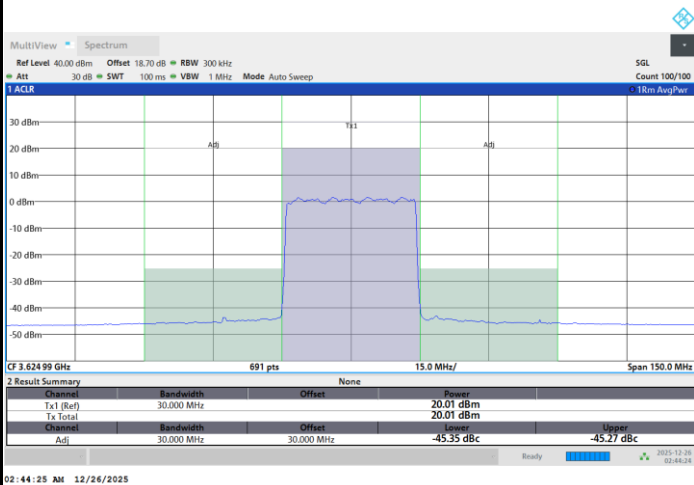
Full RB



FR1 n48 / 30MHz / CP OFDM / QPSK

Middle Channel

Full RB

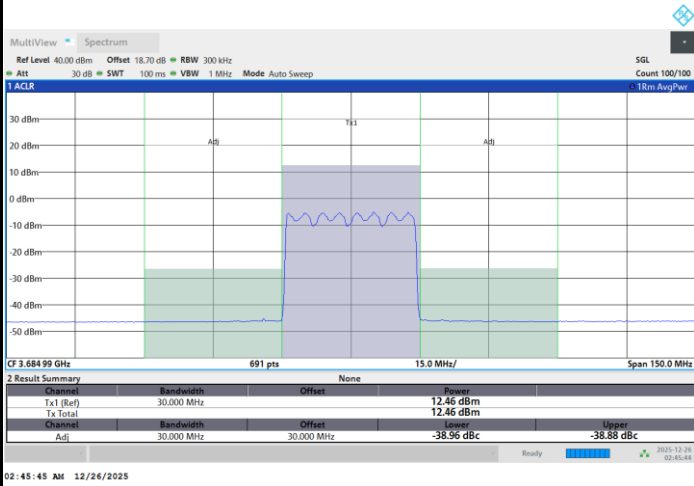




FR1 n48 / 30MHz / CP OFDM / QPSK

Highest Channel

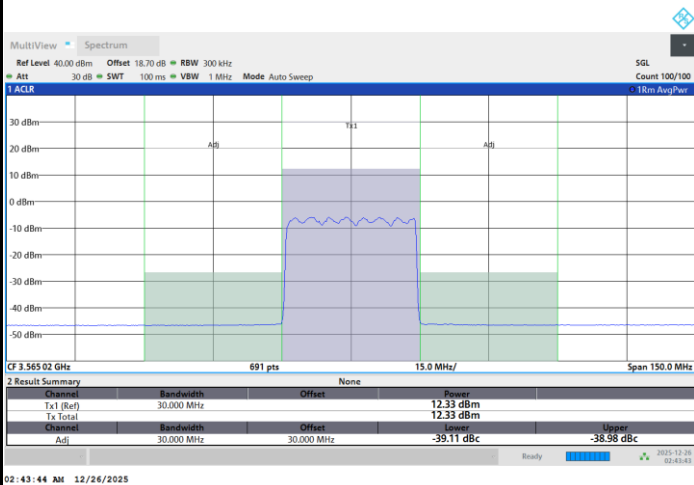
Full RB



FR1 n48 / 30MHz / CP OFDM / 16QAM

Lowest Channel

Full RB

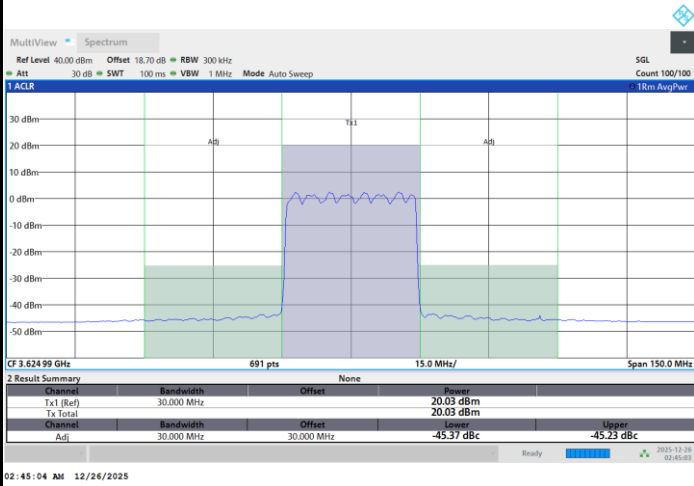




FR1 n48 / 30MHz / CP OFDM / 16QAM

Middle Channel

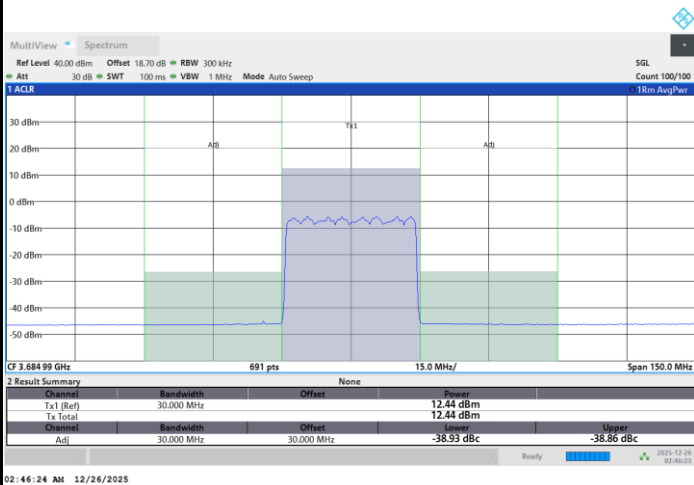
Full RB



FR1 n48 / 30MHz / CP OFDM / 16QAM

Highest Channel

Full RB



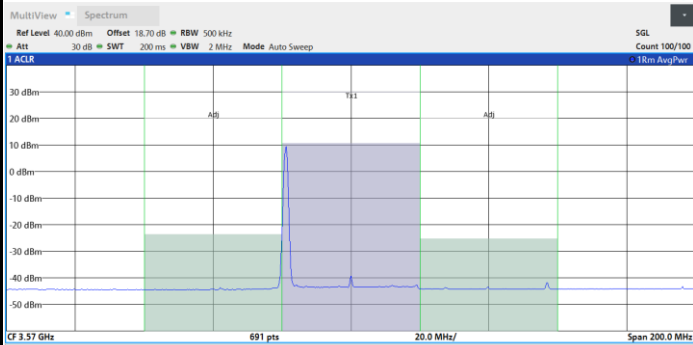


FR1 n48 / 40MHz / CP OFDM / QPSK

Lowest Channel

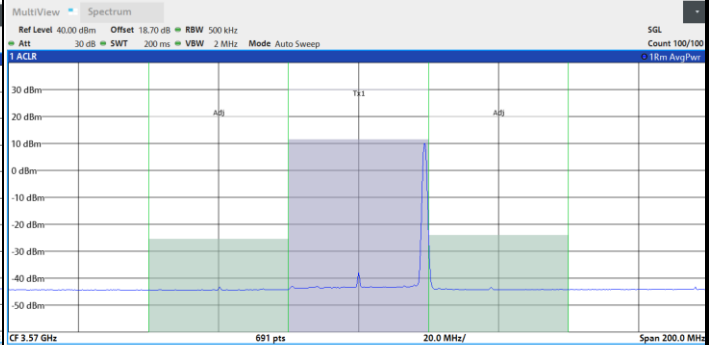
1RB0

1RBmax



2 Result Summary			
Channel	Bandwidth	Offset	Power
Tx1 (Ref)	40.000 MHz		10.52 dBm
Tx Total			10.52 dBm
Channel	Bandwidth	Offset	Power
Adj	40.000 MHz	40.000 MHz	-34.17 dBc
			-35.89 dBc

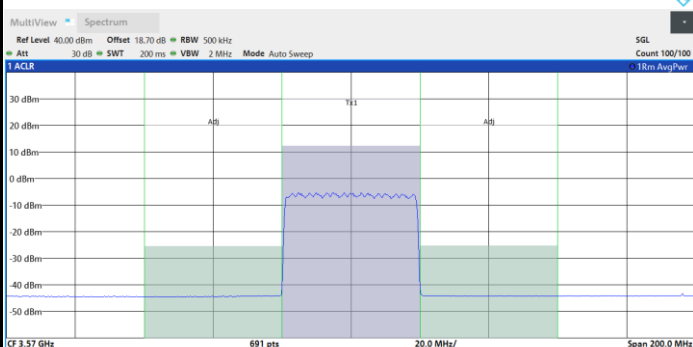
02:22:09 AM 12/26/2025



2 Result Summary			
Channel	Bandwidth	Offset	Power
Tx1 (Ref)	40.000 MHz		11.45 dBm
Tx Total			11.45 dBm
Channel	Bandwidth	Offset	Power
Adj	40.000 MHz	40.000 MHz	-37.04 dBc
			-35.51 dBc

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Full RB



2 Result Summary			
Channel	Bandwidth	Offset	Power
Tx1 (Ref)	40.000 MHz		12.28 dBm
Tx Total			12.28 dBm
Channel	Bandwidth	Offset	Power
Adj	40.000 MHz	40.000 MHz	-37.85 dBc
			-37.67 dBc

02:23:29 AM 12/26/2025

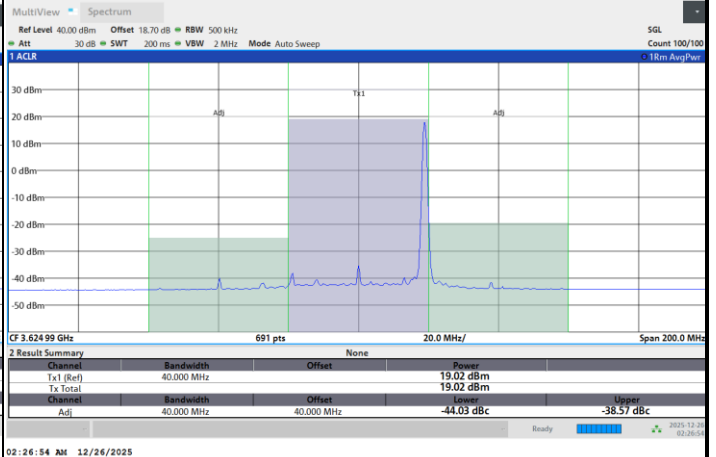
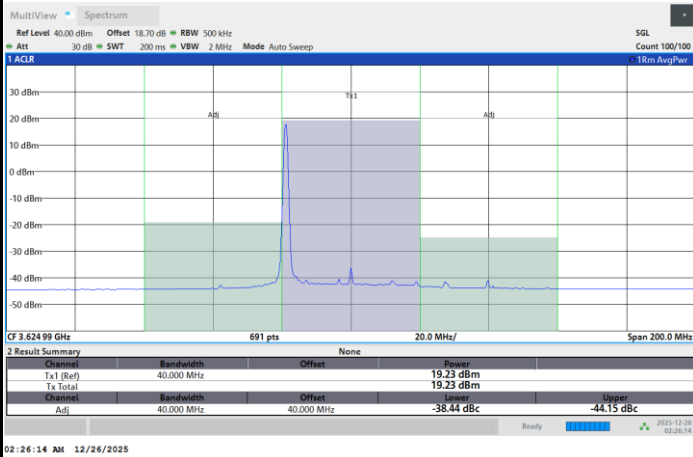


FR1 n48 / 40MHz / CP OFDM / QPSK

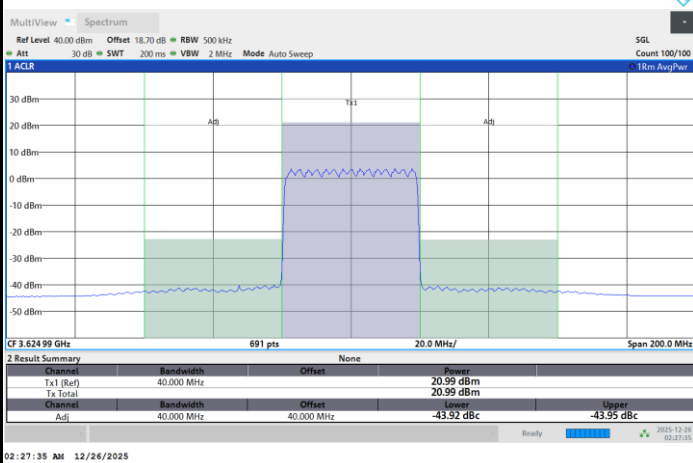
Middle Channel

1RB0

1RBmax



Full RB



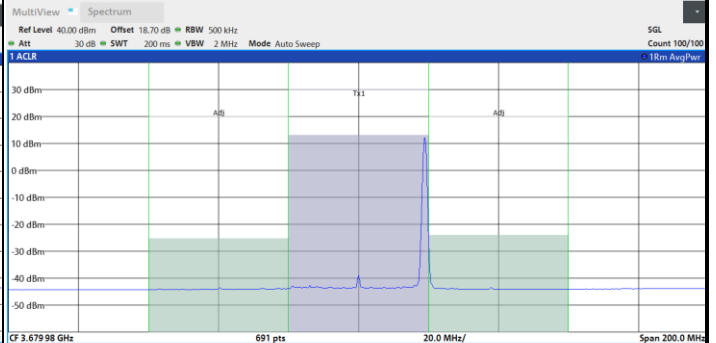
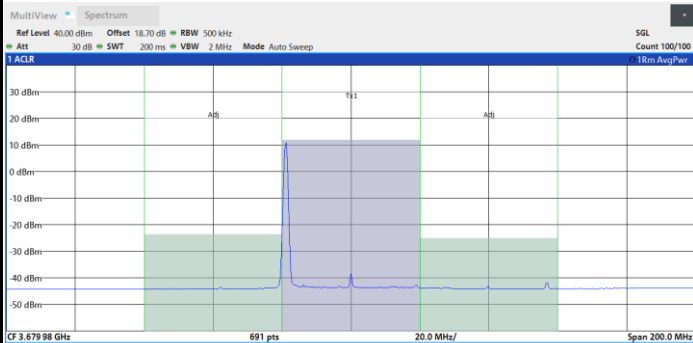


FR1 n48 / 40MHz / CP OFDM / QPSK

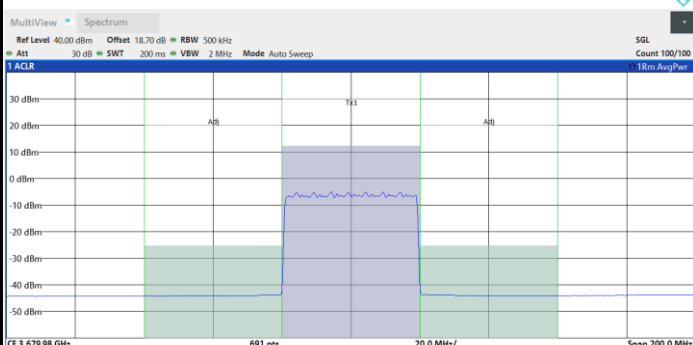
Highest Channel

1RB0

1RBmax



Full RB



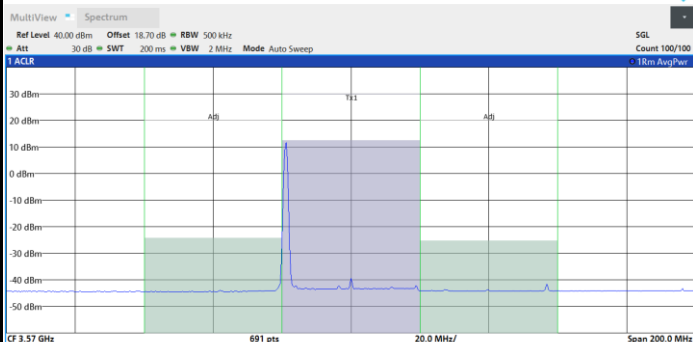


FR1 n48 / 40MHz / CP OFDM / 16QAM

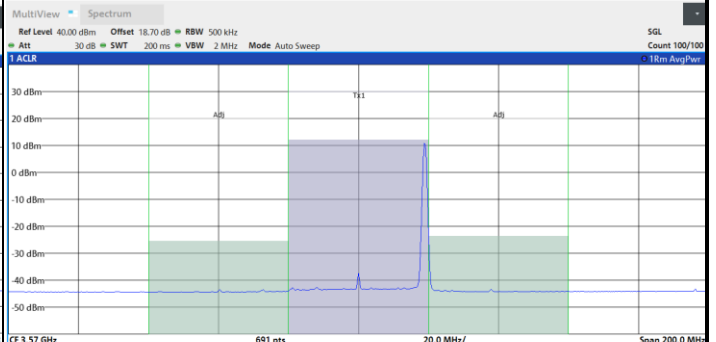
Lowest Channel

1RB0

1RBmax

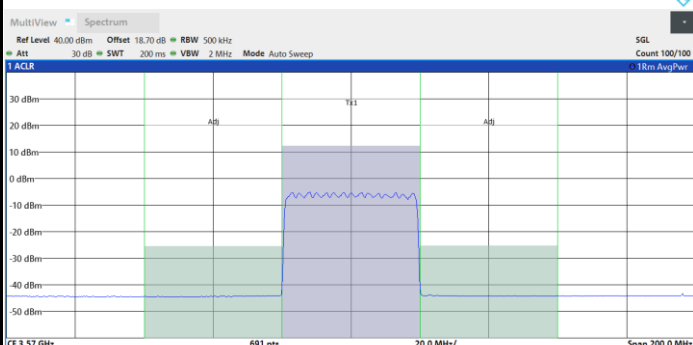


02:24:11 AM 12/26/2025



02:24:51 AM 12/26/2025

Full RB



02:25:31 AM 12/26/2025

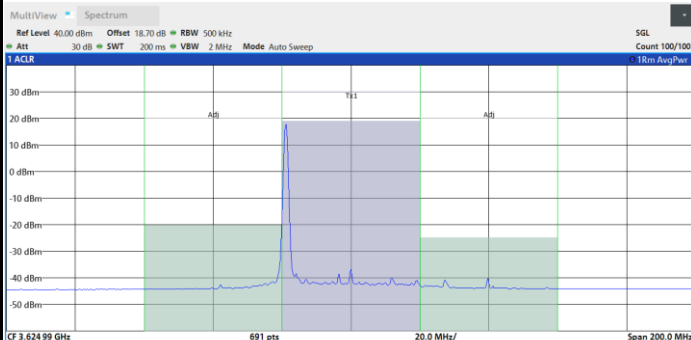


FR1 n48 / 40MHz / CP OFDM / 16QAM

Middle Channel

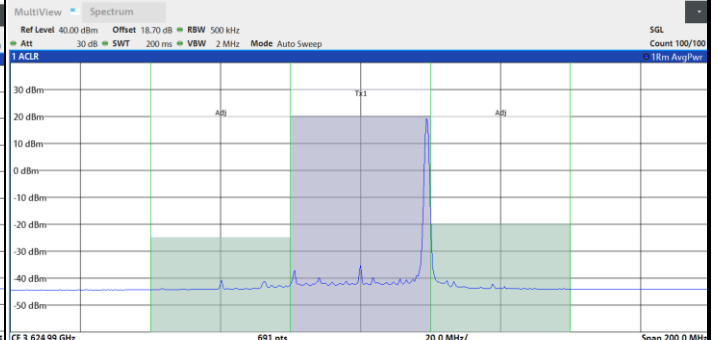
1RB0

1RBmax



2 Result Summary			
Channel	Bandwidth	Offset	Power
Tx1 (Ref)	40.000 MHz	None	18.94 dBm
Tx Total			18.94 dBm
Channel	Bandwidth	Offset	Power
Adj	40.000 MHz	40.000 MHz	-39.08 dBc
			-43.77 dBc

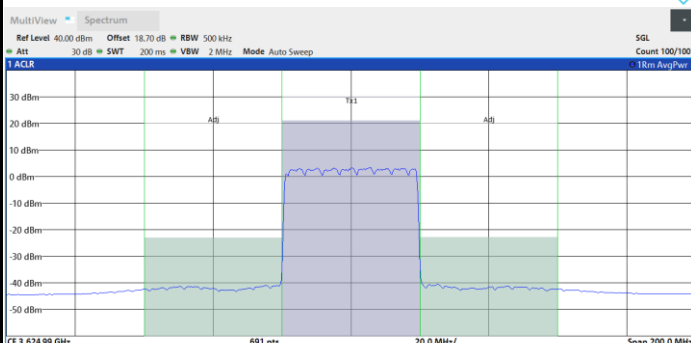
02:28:17 AM 12/26/2025



2 Result Summary			
Channel	Bandwidth	Offset	Power
Tx1 (Ref)	40.000 MHz	None	20.13 dBm
Tx Total			20.13 dBm
Channel	Bandwidth	Offset	Power
Adj	40.000 MHz	40.000 MHz	-45.08 dBc
			-39.95 dBc

02:28:57 AM 12/26/2025

Full RB



2 Result Summary			
Channel	Bandwidth	Offset	Power
Tx1 (Ref)	40.000 MHz	None	20.98 dBm
Tx Total			20.98 dBm
Channel	Bandwidth	Offset	Power
Adj	40.000 MHz	40.000 MHz	-44.12 dBc
			-43.93 dBc

02:29:38 AM 12/26/2025

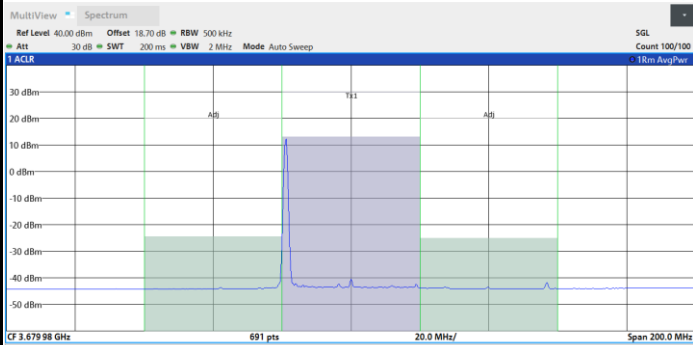


FR1 n48 / 40MHz / CP OFDM / 16QAM

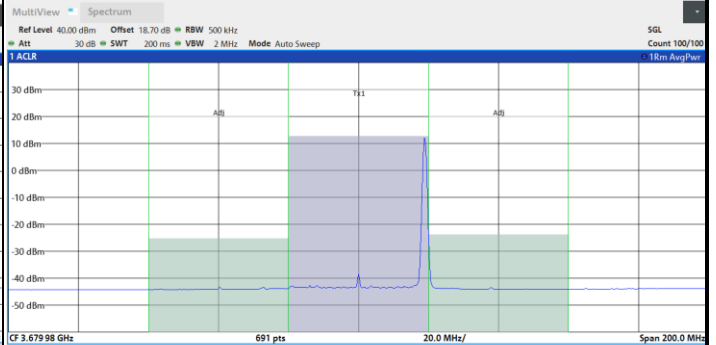
Highest Channel

1RB0

1RBmax

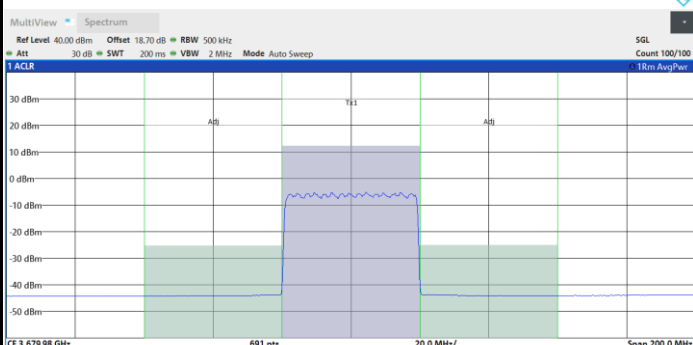


02:32:23 AM 12/26/2025



02:33:04 AM 12/26/2025

Full RB



02:33:45 AM 12/26/2025

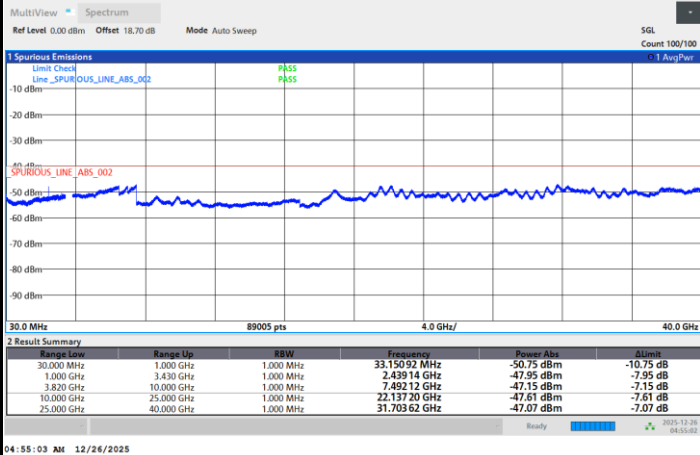


Conducted Spurious Emission

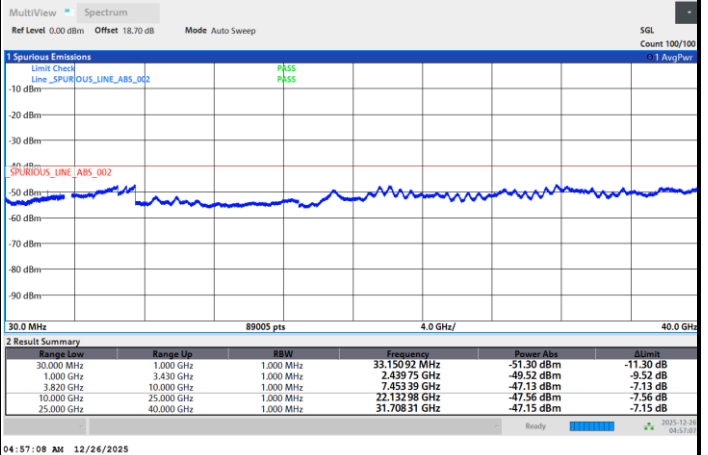
FR1 n48 / 10MHz / CP OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel

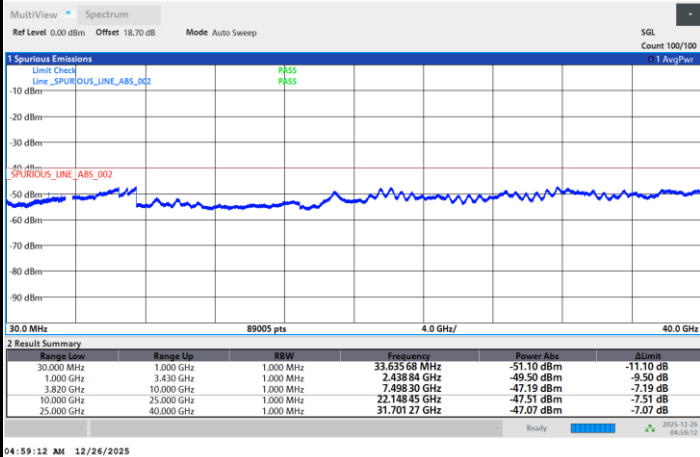


04:55:03 AM 12/26/2025



04:57:08 AM 12/26/2025

Highest Channel



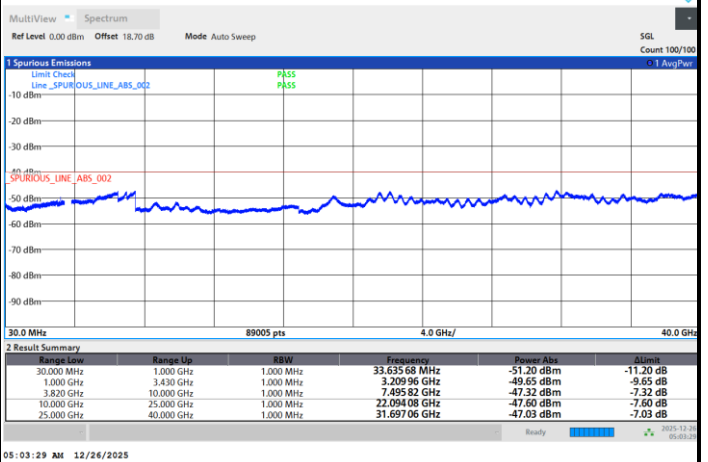
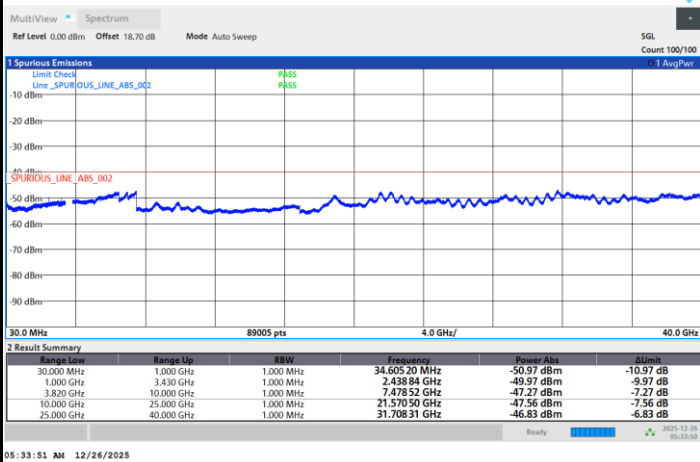
04:59:12 AM 12/26/2025



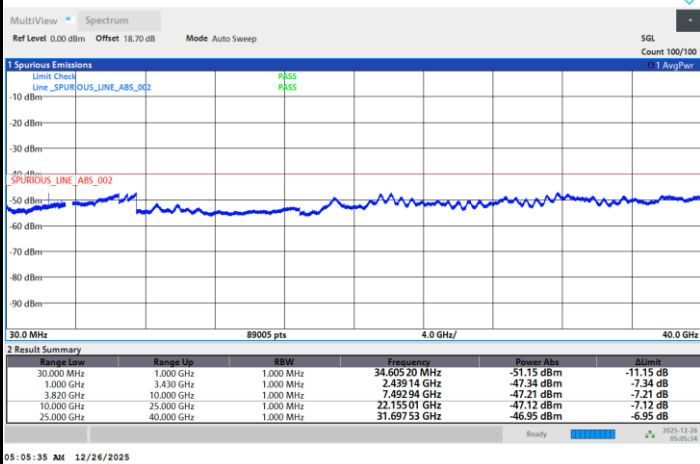
FR1 n48 / 15MHz / CP OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel

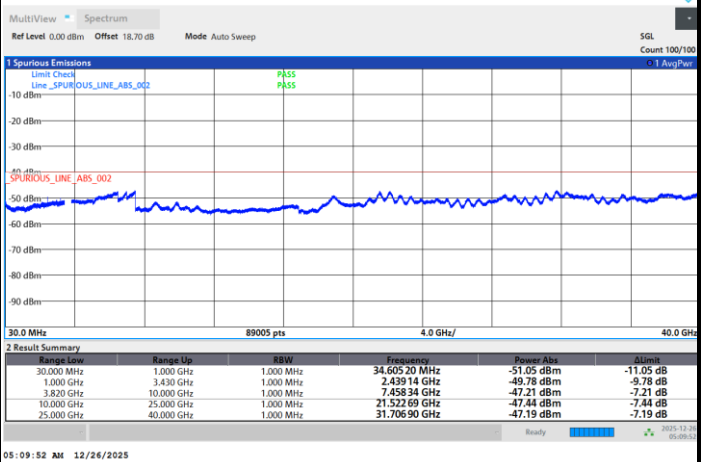
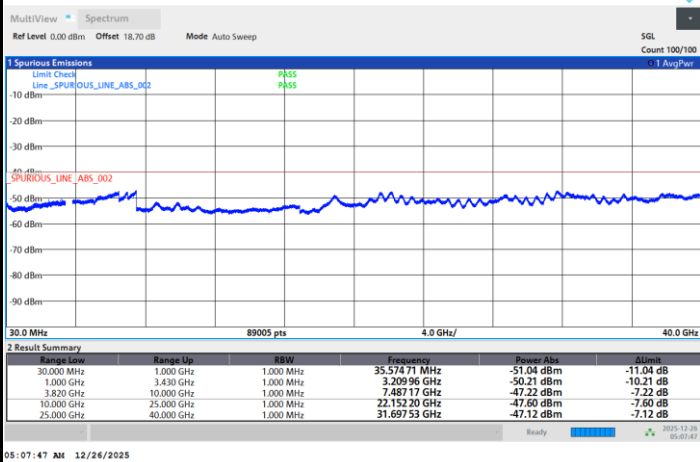




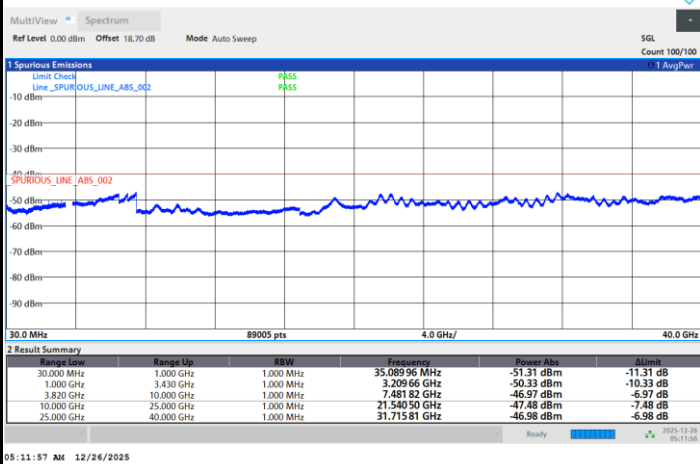
FR1 n48 / 20MHz / CP OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel

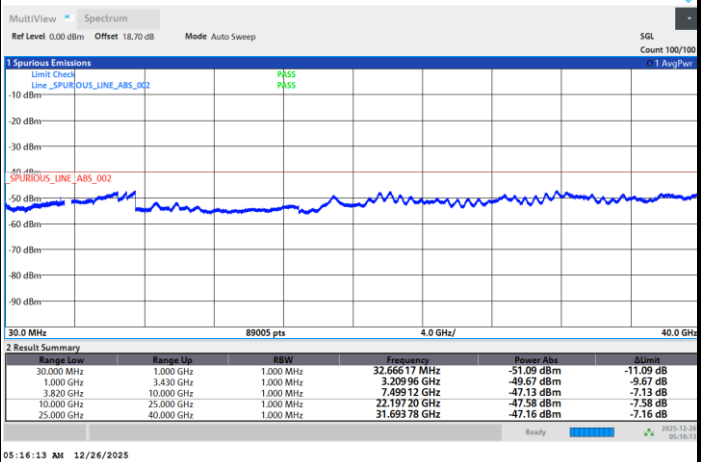
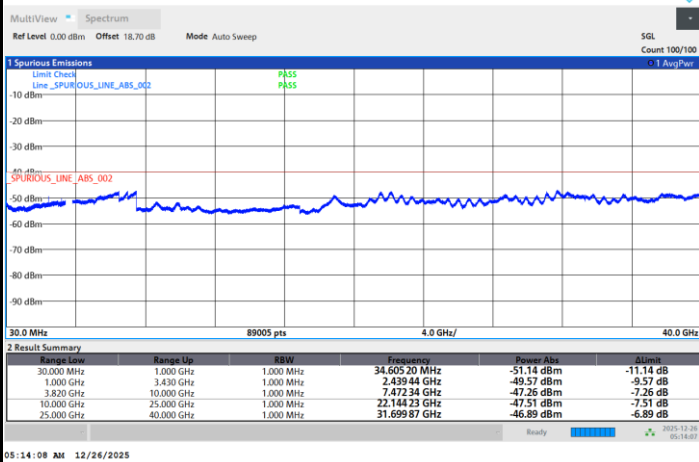




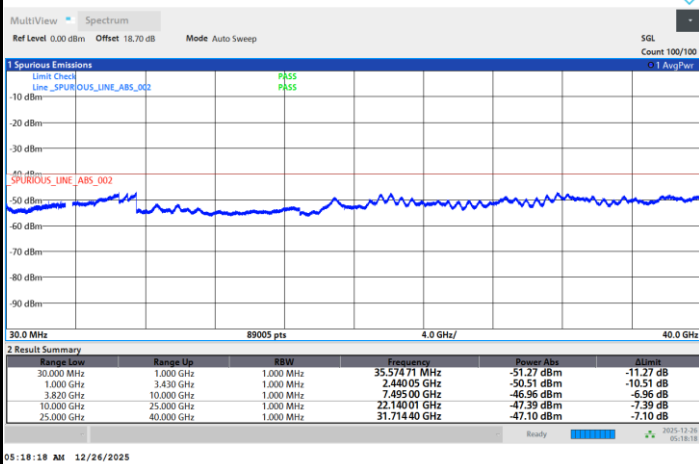
FR1 n48 / 30MHz / CP OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel

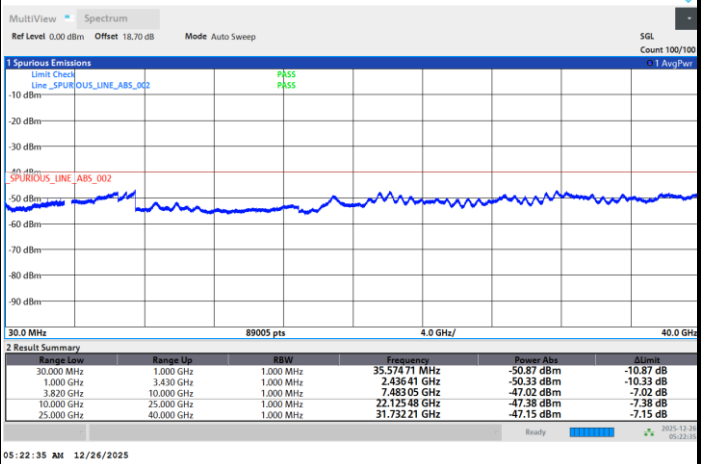
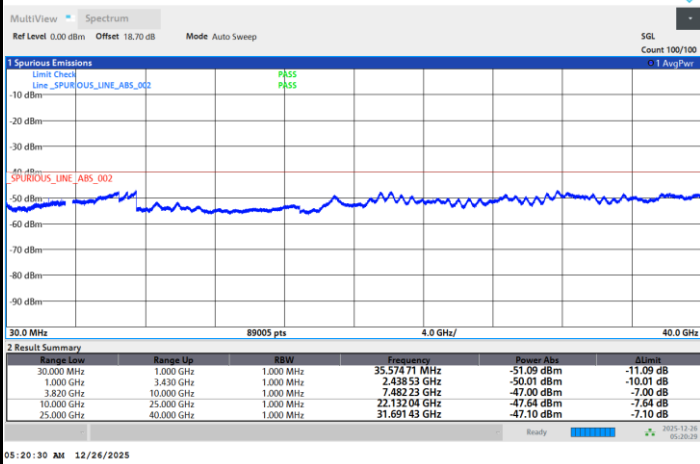




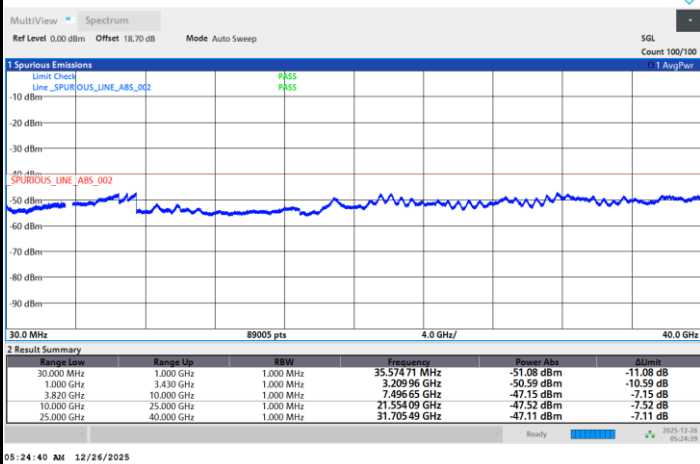
FR1 n48 / 40MHz / CP OFDM / QPSK / 1RB1

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	0.0019	6.8	Yes	PASS
40	Normal Voltage	0.0008	-2.8	Yes	
30	Normal Voltage	0.0032	-11.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0016	-5.8	Yes	
0	Normal Voltage	0.0005	-1.7	Yes	
-10	Normal Voltage	0.0003	1	Yes	
-20	Normal Voltage	0.0024	-8.7	Yes	
-30	Normal Voltage	0.0007	2.4	Yes	
20	Maximum Voltage	0.0011	-4	Yes	
20	Normal Voltage	0.0003	1.2	Yes	
20	Minimum Voltage	0.0030	-10.9	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 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. Radiated Spurious Emission Test Data

Test Engineer :	Jack Cheng, Ray Lung, Ryan Chen	Temperature :	21.1 ~ 25.7°C
		Relative Humidity :	55.8 ~ 63.2%

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
5	NR SA n48	Part 96	M	10849	-44.85	RMS	37.60	-21.75	1.86	-95.23	32.67	-40.00	-4.85	V	6
6	NR SA n48	Part 96	H	11044	-43.20	RMS	37.78	-21.71	1.90	-95.23	34.06	-40.00	-3.20	V	7
7	NR SA n48	Part 96	M	14465	-48.96	RMS	41.06	-23.00	2.21	-95.23	26.00	-40.00	-8.96	V	1
8	NR SA n48	Part 96	M	10849	-45.68	RMS	37.60	-21.75	1.86	-95.23	31.84	-40.00	-5.68	V	5
9	EN-DC B66+n48	Part 96	M	14465	-50.05	RMS	41.06	-23.00	2.21	-95.23	24.91	-40.00	-10.05	V	0+6
10	NR SA n48	Part 96	M	10849	-46.12	RMS	37.60	-21.75	1.86	-95.23	31.40	-40.00	-6.12	V	6+1
11	NR SA n48	Part 96	H	11044	-44.23	RMS	37.78	-21.71	1.90	-95.23	33.03	-40.00	-4.23	V	7+5

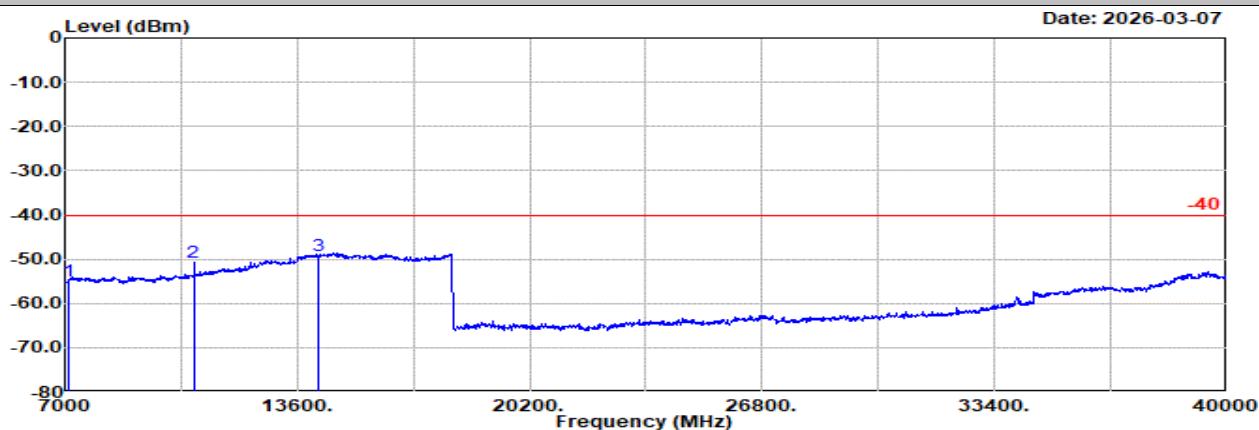


Ant. 6

Part 96 Mode 5

NR SA n48 20M Ch637334 1RB1 BPSK

L

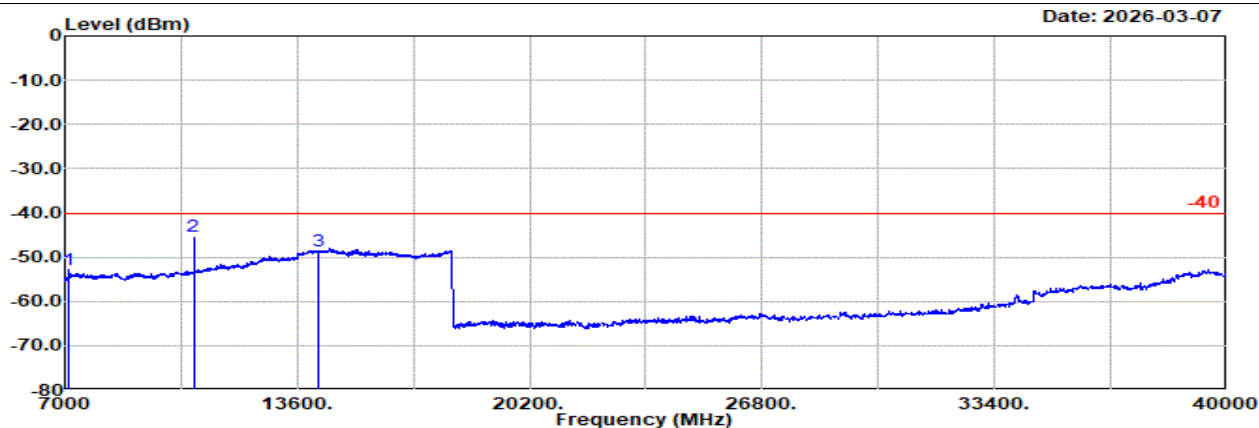


Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_250807 Horizontal

: SA n48 20M Ch637334 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7103.00	-54.86	RMS	36.11	-21.50	1.99	-95.23	23.77	-40.00	-14.86	Horizontal
2	10654.00	-50.60	RMS	37.50	-21.79	1.83	-95.23	27.09	-40.00	-10.60	Horizontal
3	14205.00	-49.34	RMS	41.00	-22.60	2.22	-95.23	25.27	-40.00	-9.34	Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_250807 Vertical

: SA n48 20M Ch637334 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	7103.00	-52.75	RMS	36.11	-21.50	1.99	-95.23	25.88	-40.00	-12.75	Vertical
2	10654.00	-45.37	RMS	37.50	-21.79	1.83	-95.23	32.32	-40.00	-5.37	Vertical
3	14205.00	-48.62	RMS	41.00	-22.60	2.22	-95.23	25.99	-40.00	-8.62	Vertical

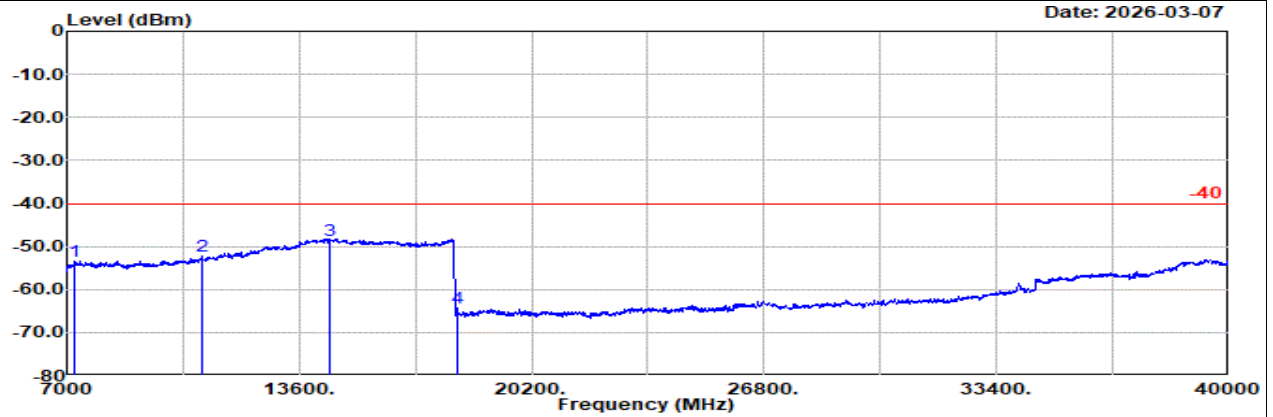


Ant. 6

Part 96 Mode 5

NR SA n48 20M Ch641666 1RB1 BPSK

M

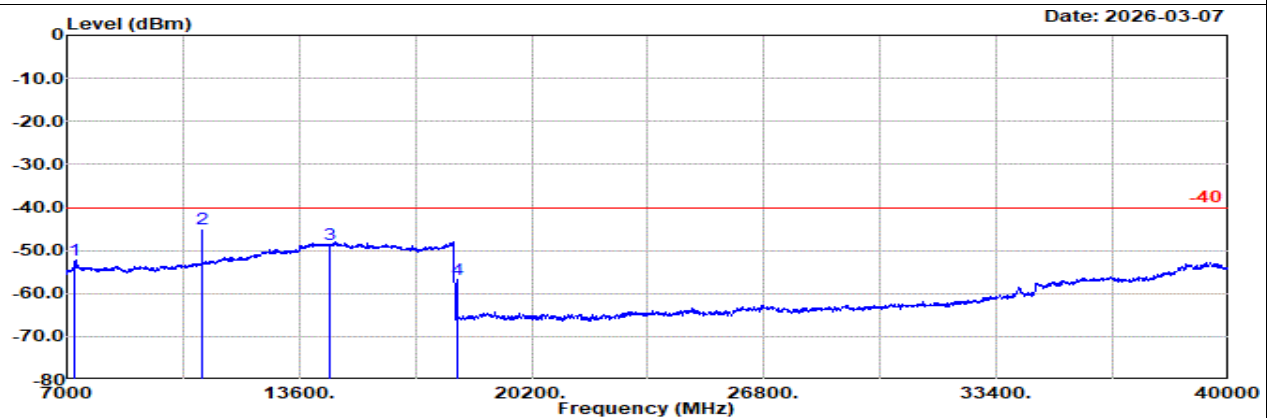


Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_250807 Horizontal

: SA n48 20M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7233.00	-53.50	RMS	36.40	-21.39	1.99	-95.23	24.73	-40.00	-13.50	Horizontal
2	10849.00	-52.12	RMS	37.60	-21.75	1.86	-95.23	25.40	-40.00	-12.12	Horizontal
3	14465.00	-48.68	RMS	41.06	-23.00	2.21	-95.23	26.28	-40.00	-8.68	Horizontal
4	18088.00	-64.29	RMS	37.70	-39.60	-9.54	-95.23	42.38	-40.00	-24.29	Horizontal



Site : 03CH21-HY

Condition: -40 3m DRH18-E_LE2C03A18EN_250807 Vertical

: SA n48 20M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7233.00	-52.27	RMS	36.40	-21.39	1.99	-95.23	25.96	-40.00	-12.27	Vertical
2	10849.00	-44.85	RMS	37.60	-21.75	1.86	-95.23	32.67	-40.00	-4.85	Vertical
3	14465.00	-48.61	RMS	41.06	-23.00	2.21	-95.23	26.35	-40.00	-8.61	Vertical
4	18088.00	-56.75	RMS	37.70	-39.60	-9.54	-95.23	49.92	-40.00	-16.75	Vertical