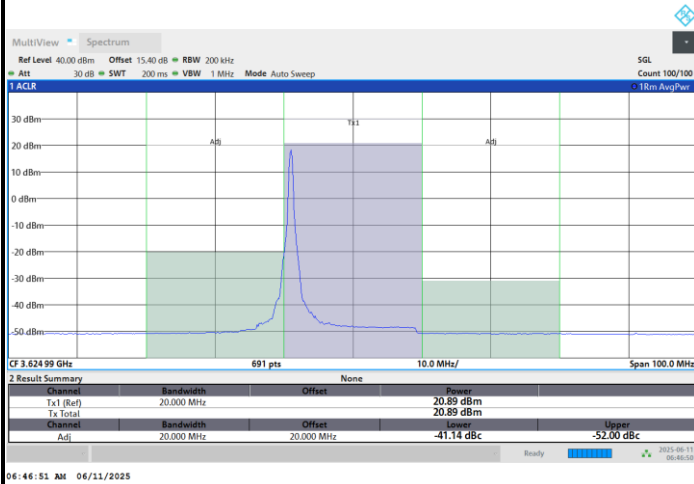




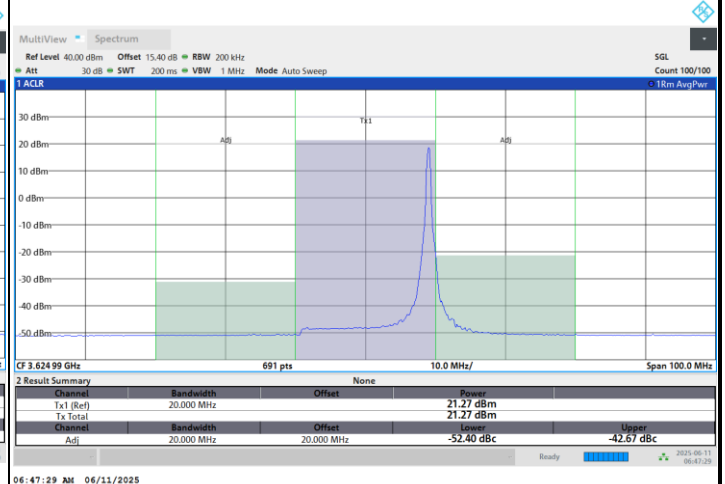
FR1 n48 / 20MHz / DFT-S OFDM / QPSK

Middle Channel

1RB0



1RBmax



Full RB

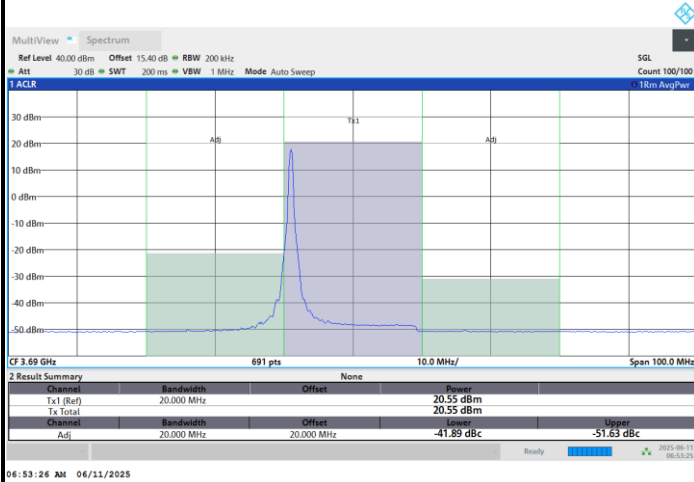




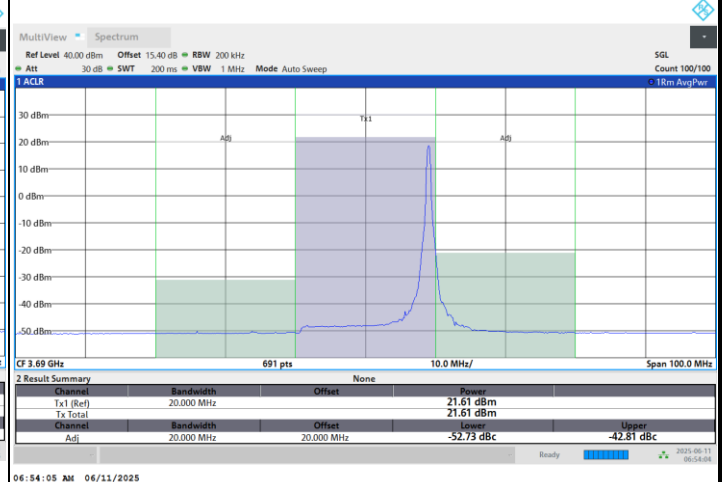
FR1 n48 / 20MHz / DFT-S OFDM / QPSK

Highest Channel

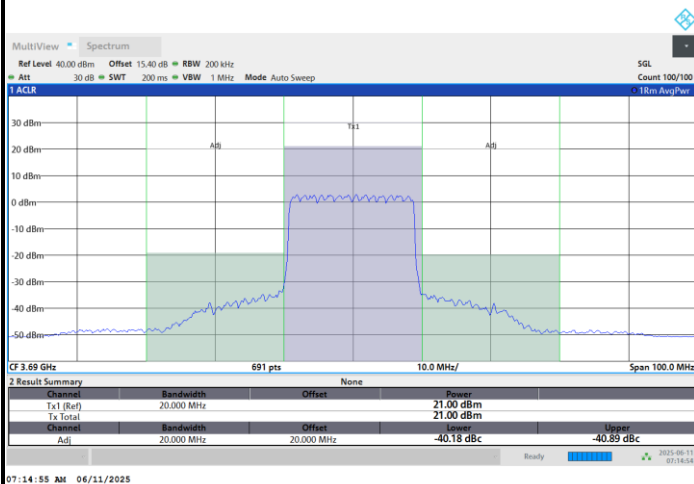
1RB0



1RBmax



Full RB

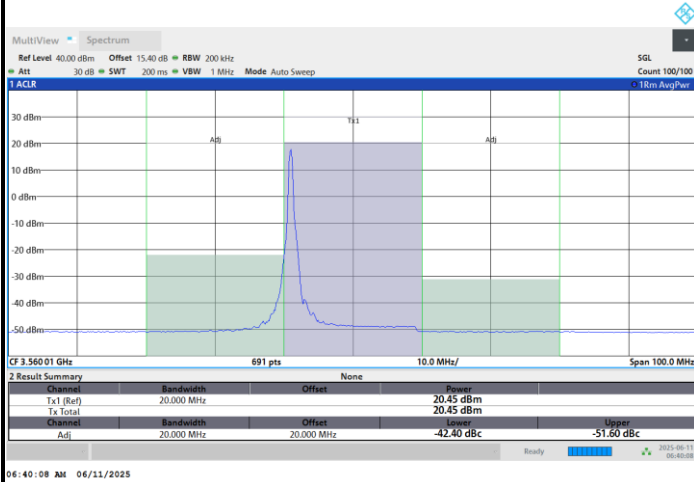




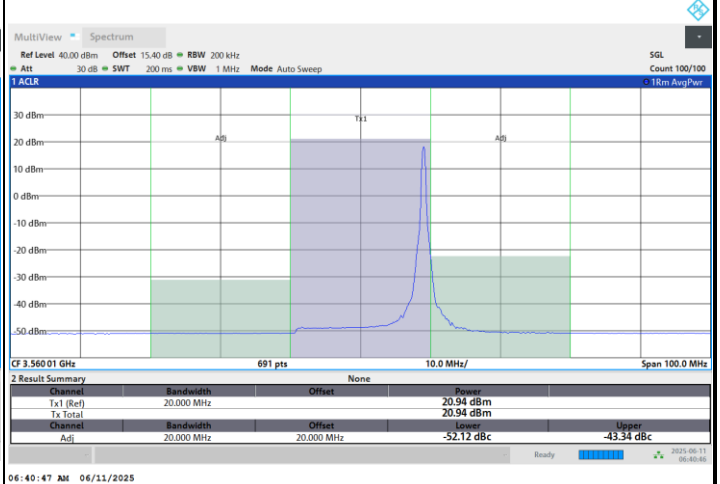
FR1 n48 / 20MHz / DFT-S OFDM / 16QAM

Lowest Channel

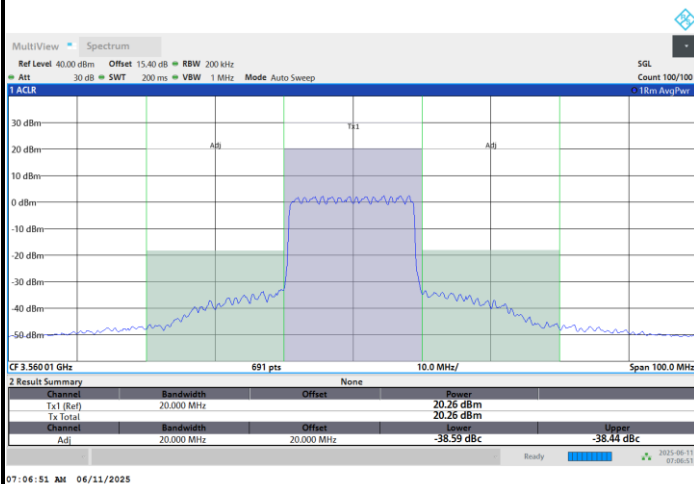
1RB0



1RBmax



Full RB

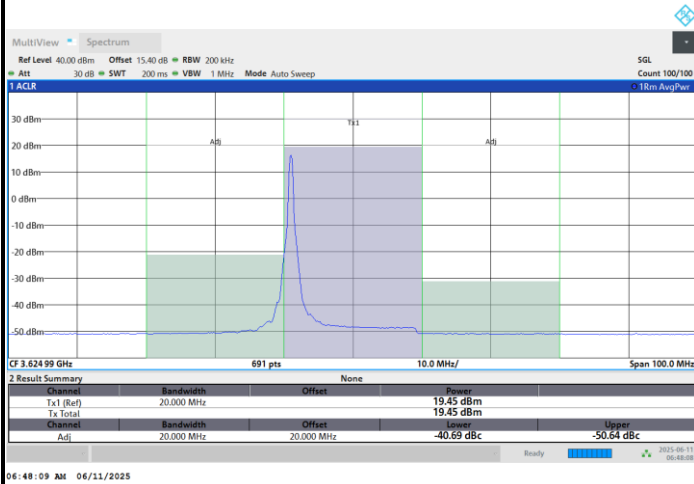




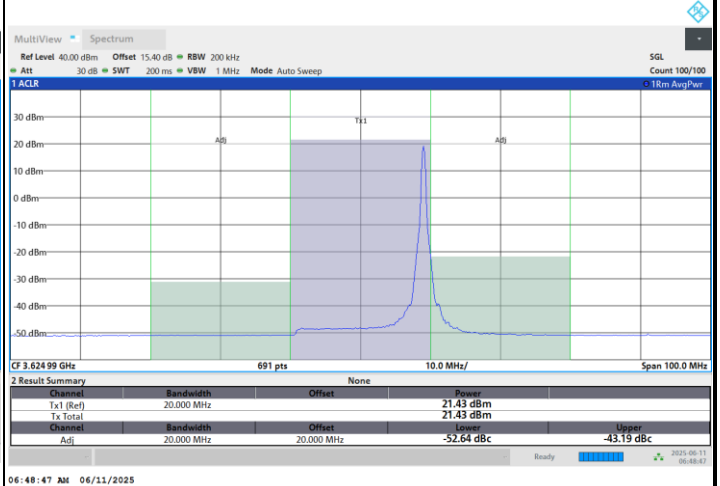
FR1 n48 / 20MHz / DFT-S OFDM / 16QAM

Middle Channel

1RB0



1RBmax



Full RB

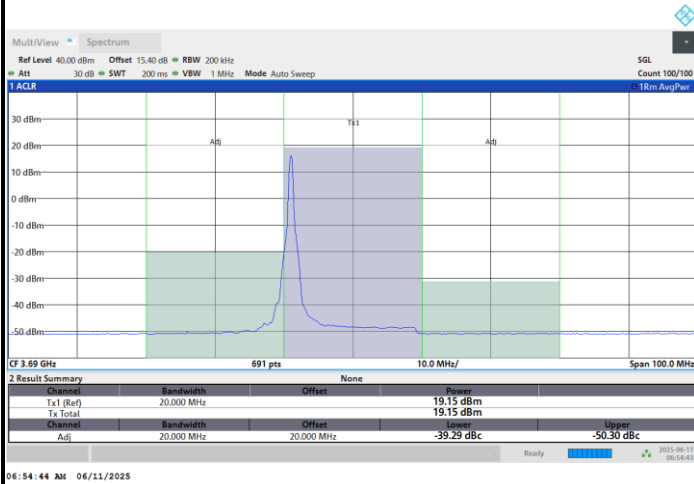




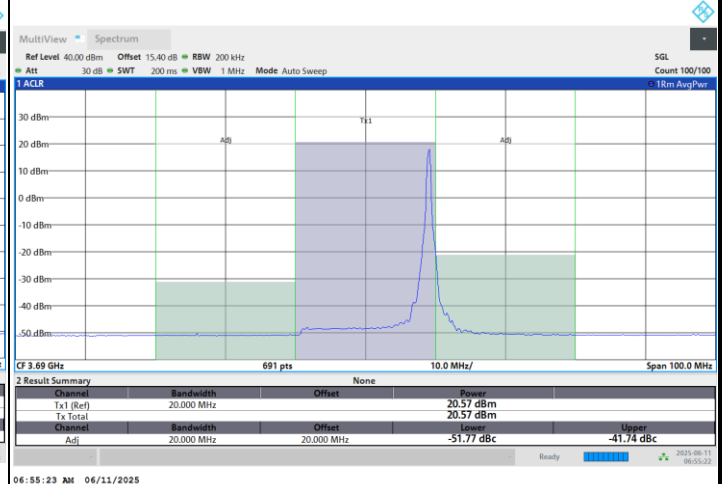
FR1 n48 / 20MHz / DFT-S OFDM / 16QAM

Highest Channel

1RB0



1RBmax



Full RB

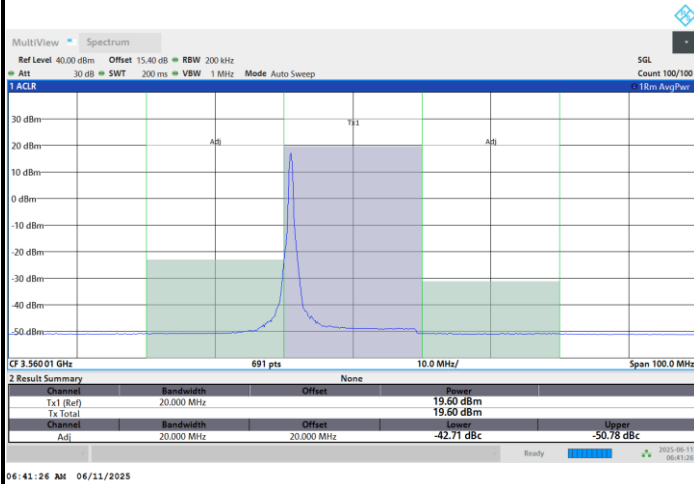




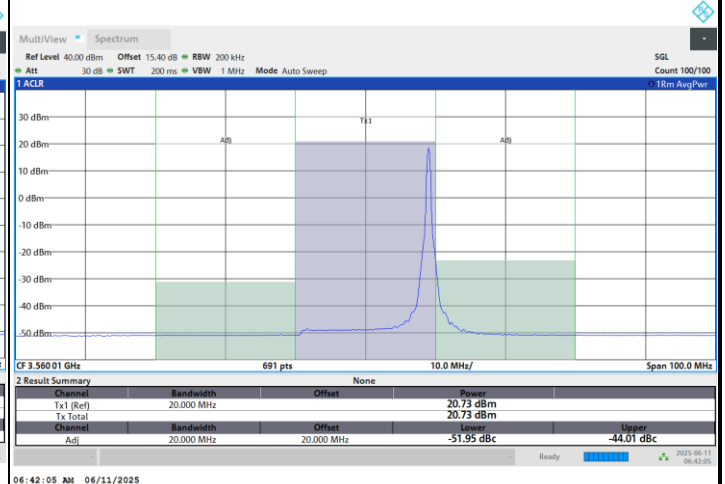
FR1 n48 / 20MHz / DFT-S OFDM / 64QAM

Lowest Channel

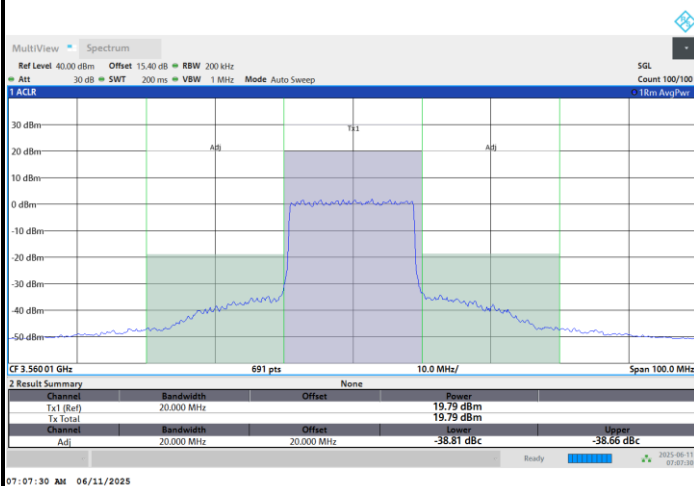
1RB0



1RBmax



Full RB

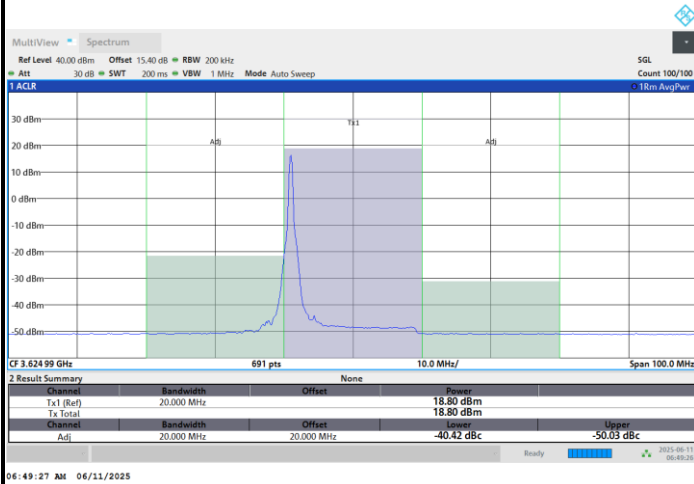




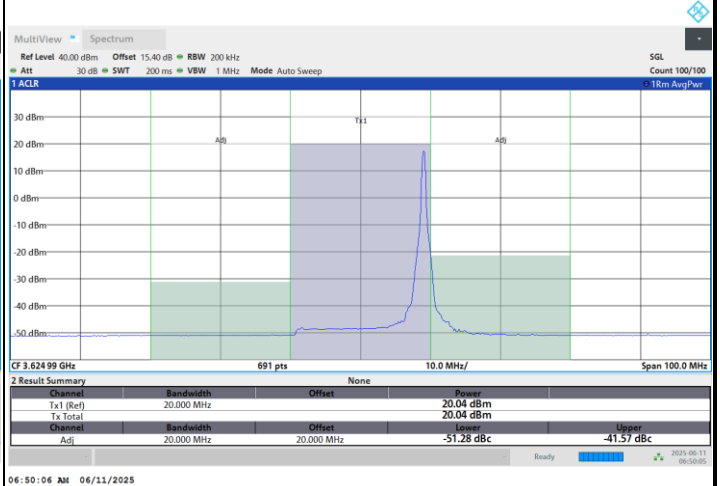
FR1 n48 / 20MHz / DFT-S OFDM / 64QAM

Middle Channel

1RB0



1RBmax



Full RB

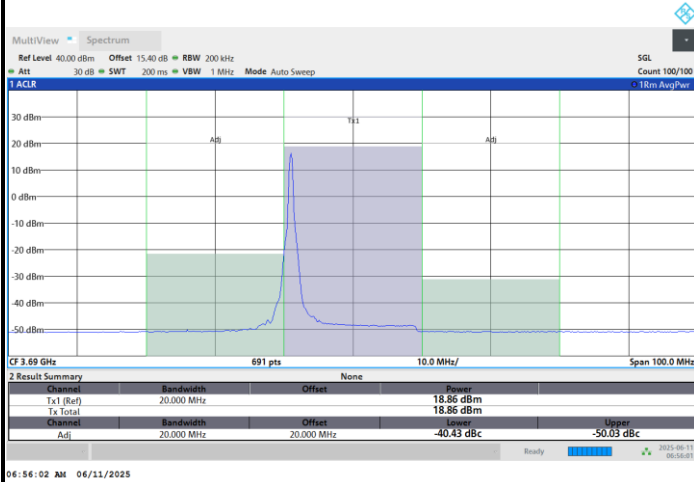




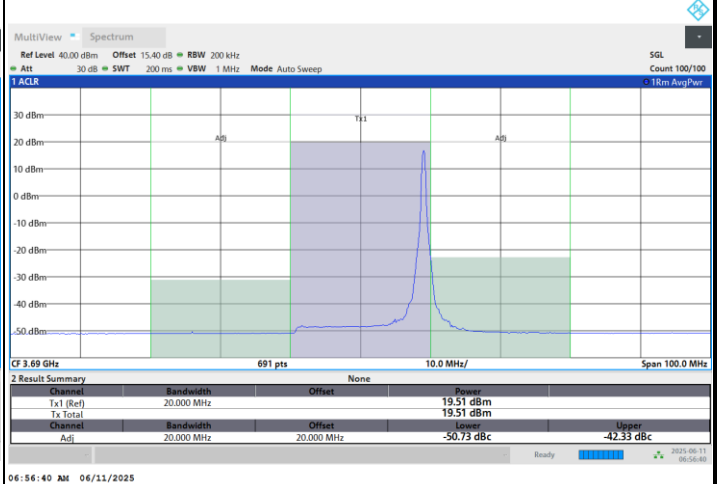
FR1 n48 / 20MHz / DFT-S OFDM / 64QAM

Highest Channel

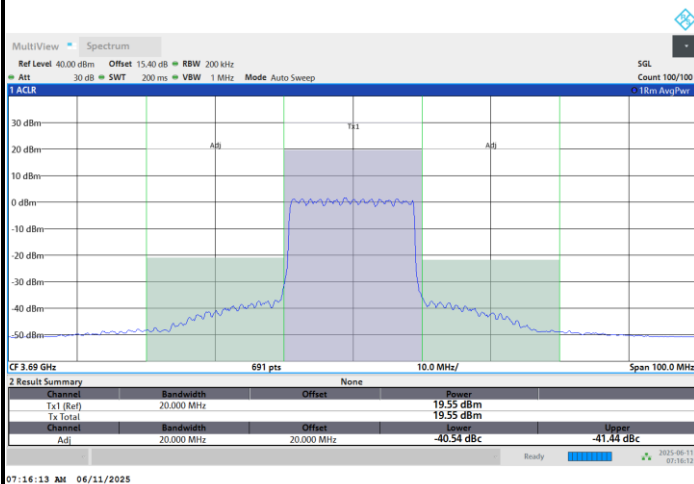
1RB0



1RBmax



Full RB

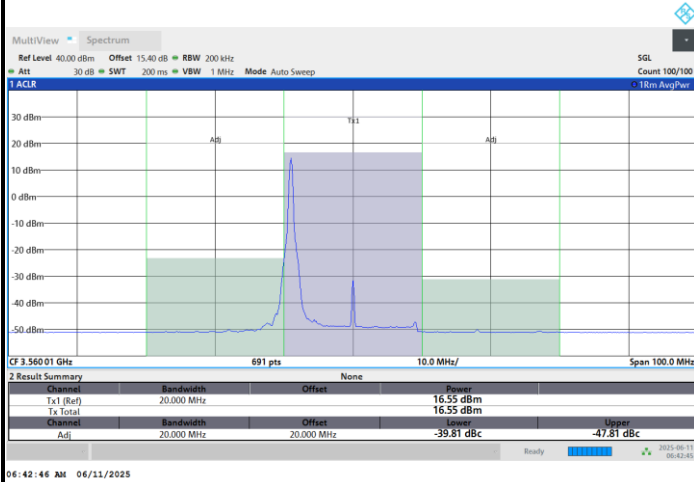




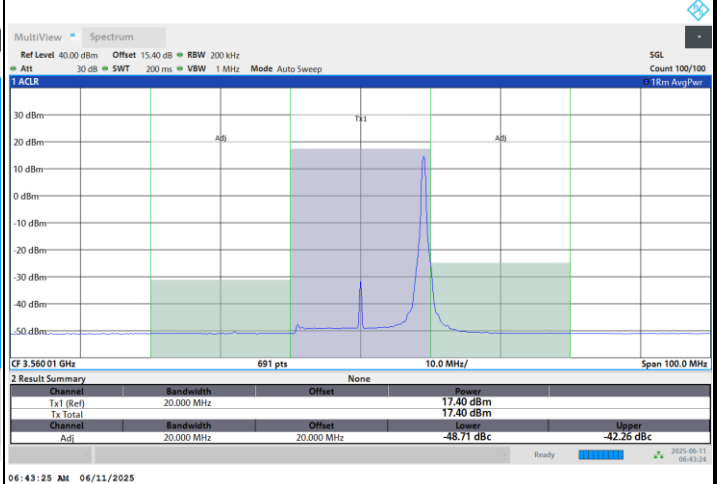
FR1 n48 / 20MHz / DFT-S OFDM / 256QAM

Lowest Channel

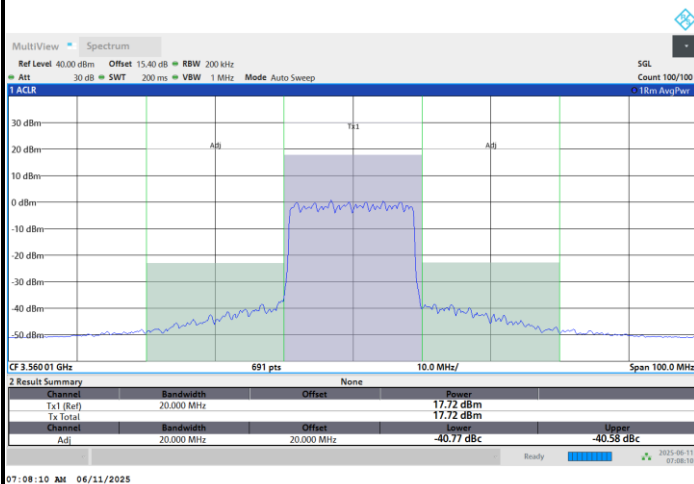
1RB0



1RBmax



Full RB

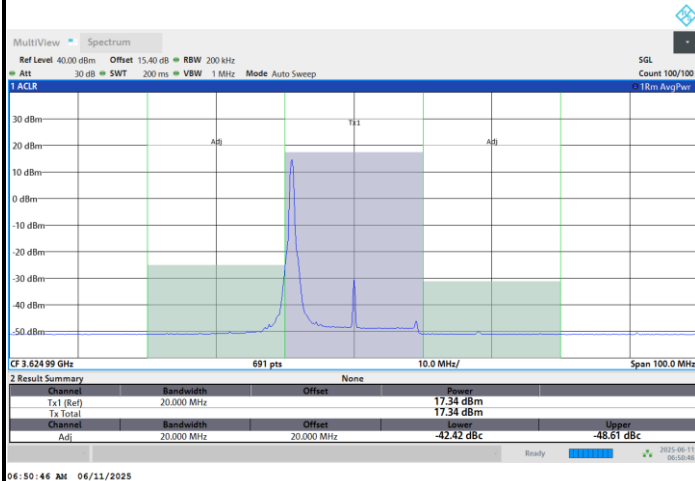




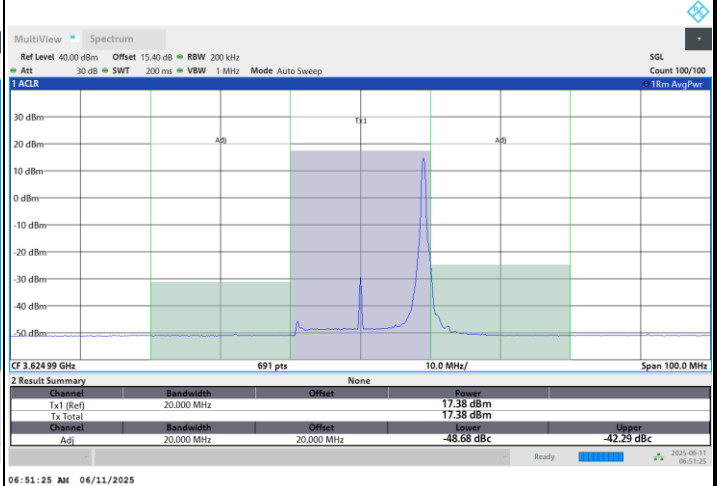
FR1 n48 / 20MHz / DFT-S OFDM / 256QAM

Middle Channel

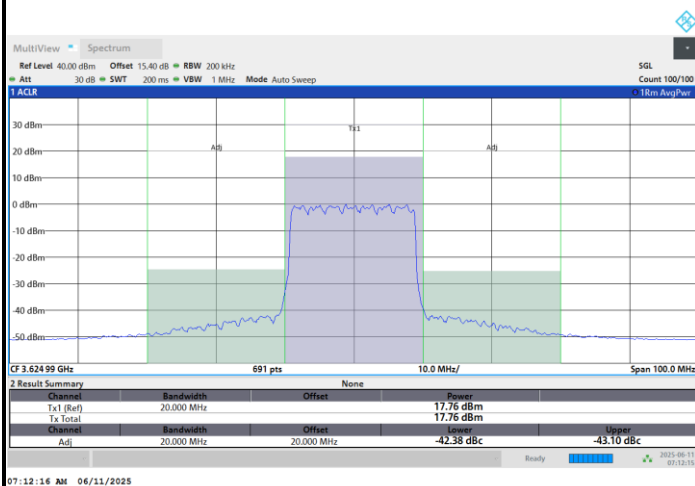
1RB0



1RBmax



Full RB

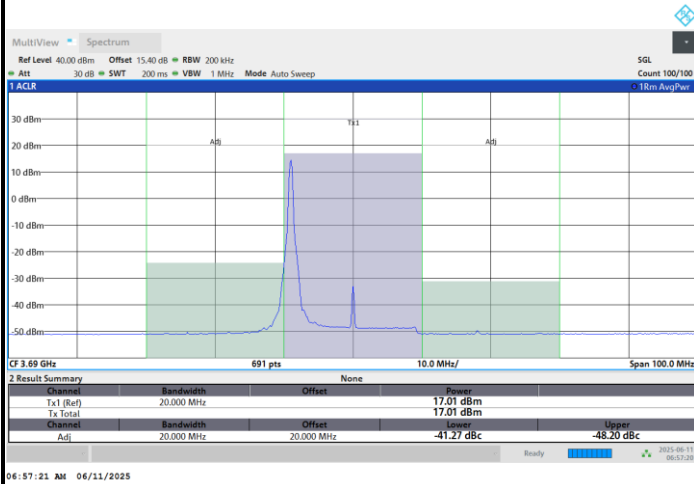




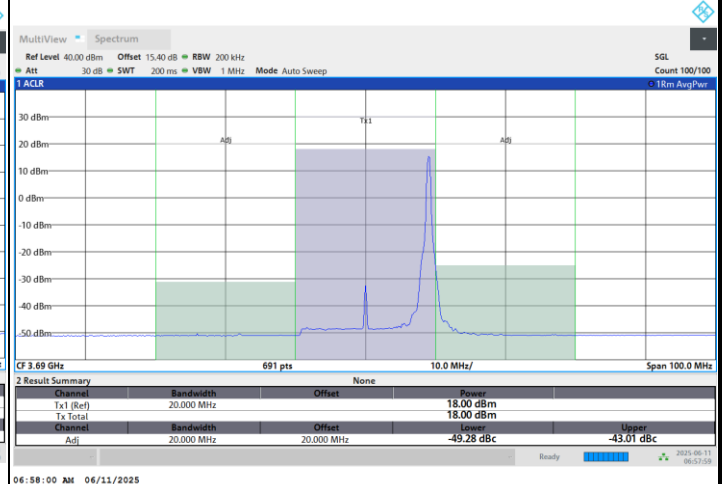
FR1 n48 / 20MHz / DFT-S OFDM / 256QAM

Highest Channel

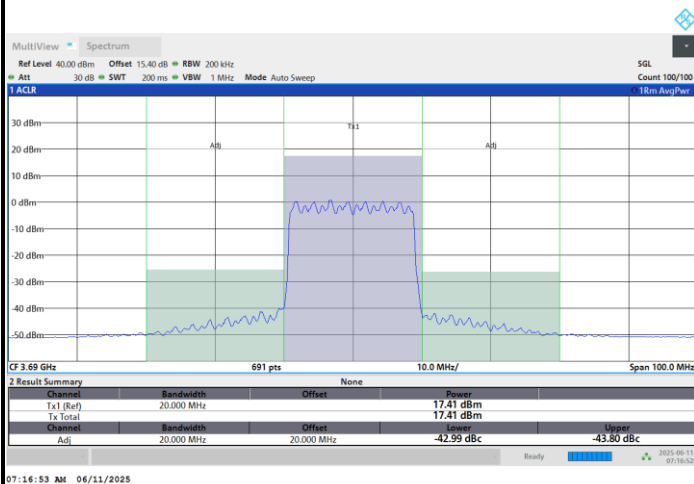
1RB0



1RBmax



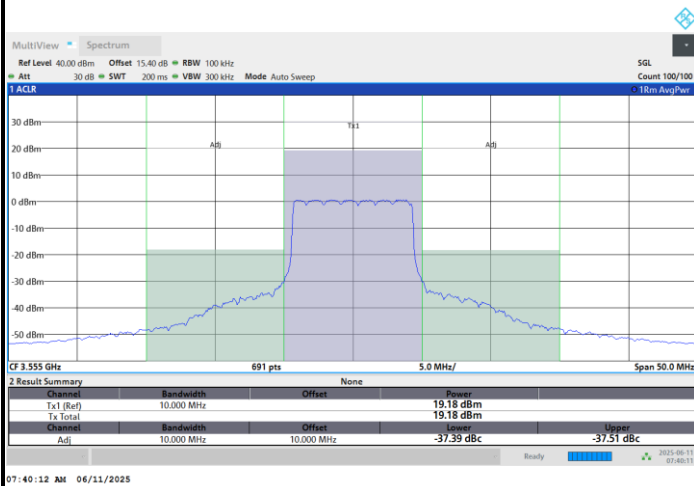
Full RB



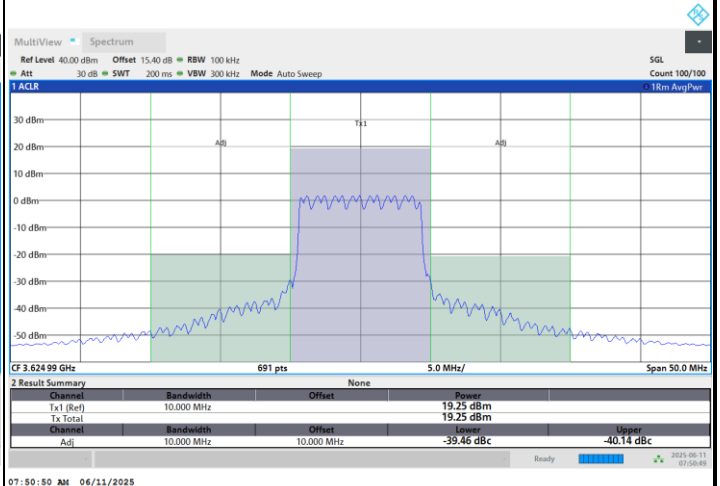


FR1 n48 / 10MHz / CP OFDM / QPSK / Full RB

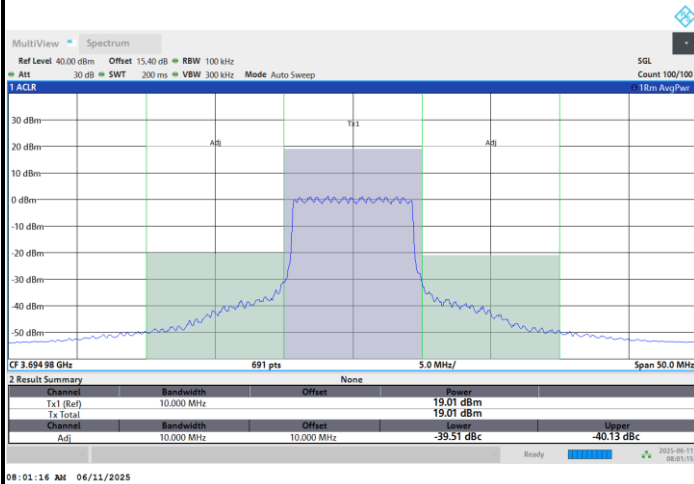
Lowest Channel



Middle Channel



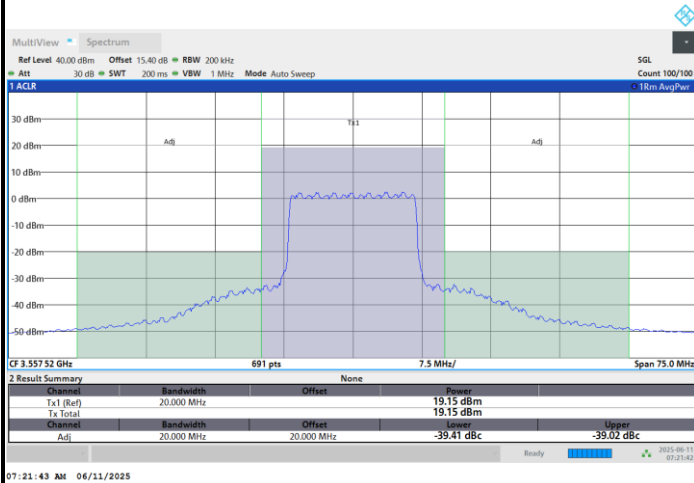
Highest Channel



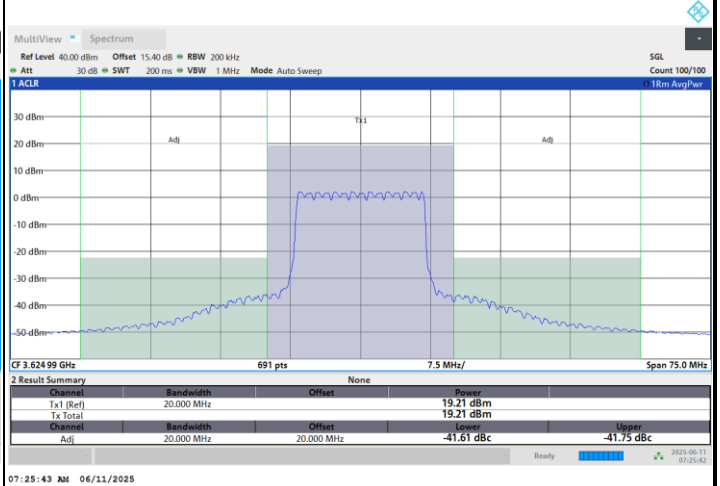


FR1 n48 / 15MHz / CP OFDM / QPSK / Full RB

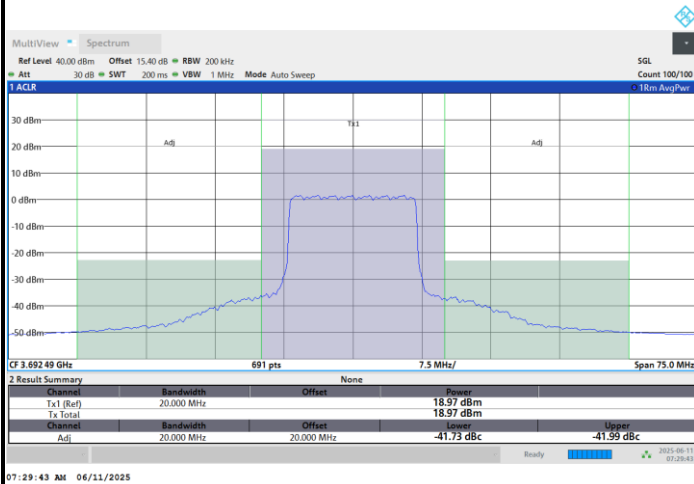
Lowest Channel



Middle Channel



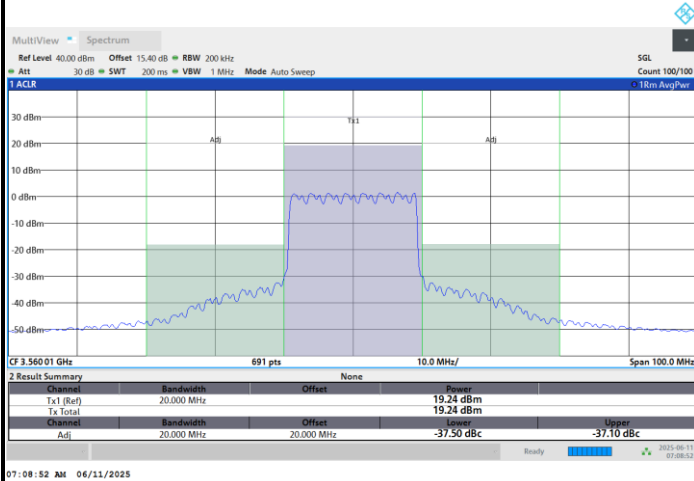
Highest Channel



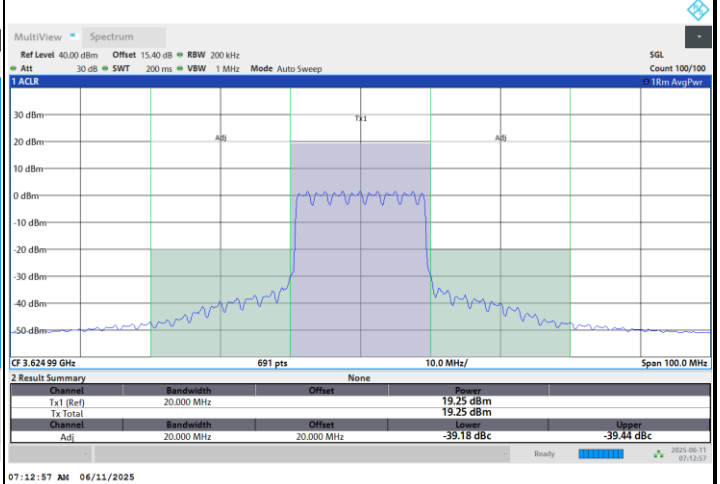


FR1 n48 / 20MHz / CP OFDM / QPSK / Full RB

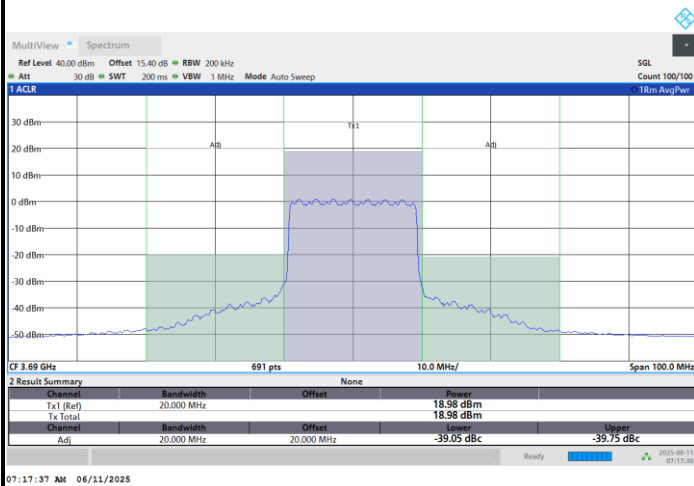
Lowest Channel



Middle Channel



Highest Channel

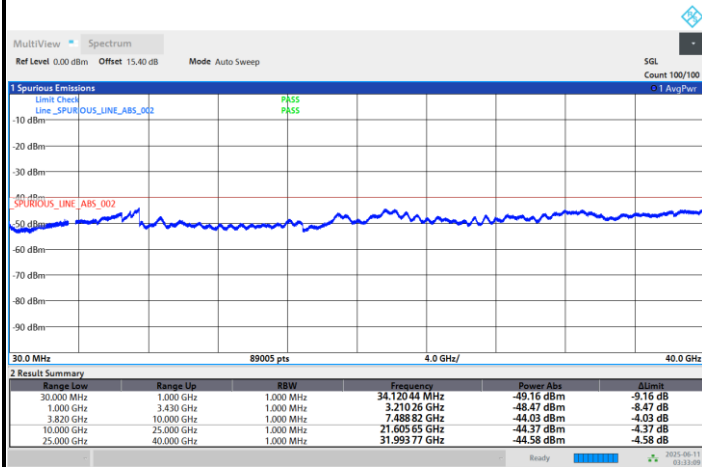




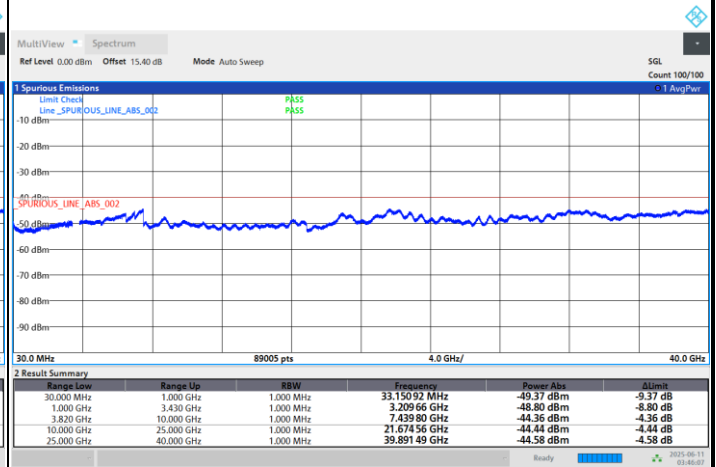
Conducted Spurious Emission

FR1 n48 / 10MHz / DFT-S OFDM / QPSK / 1RB1

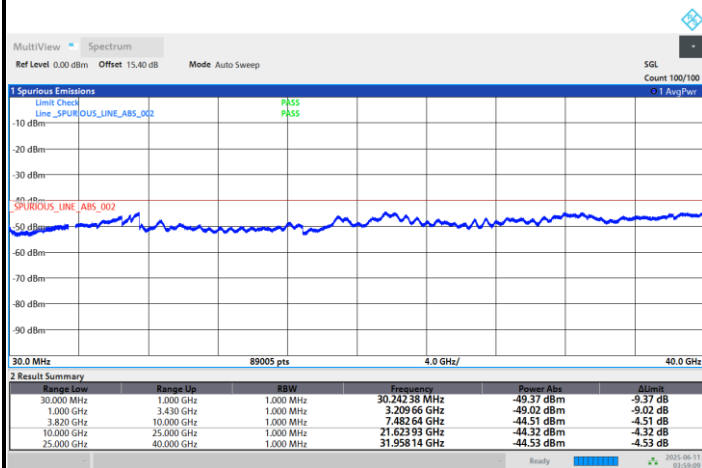
Lowest Channel



Middle Channel



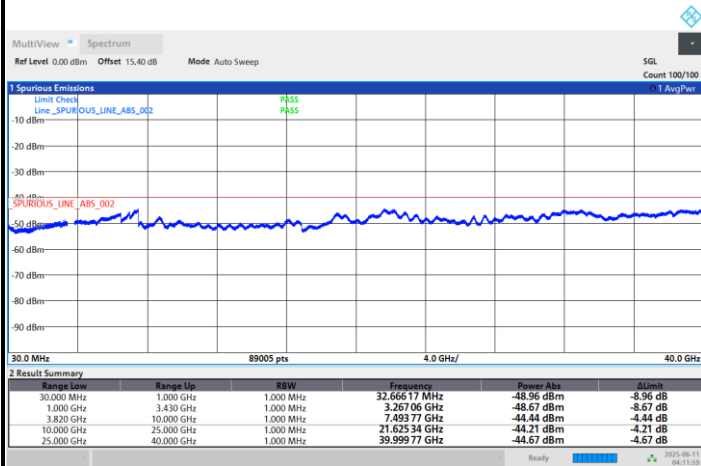
Highest Channel





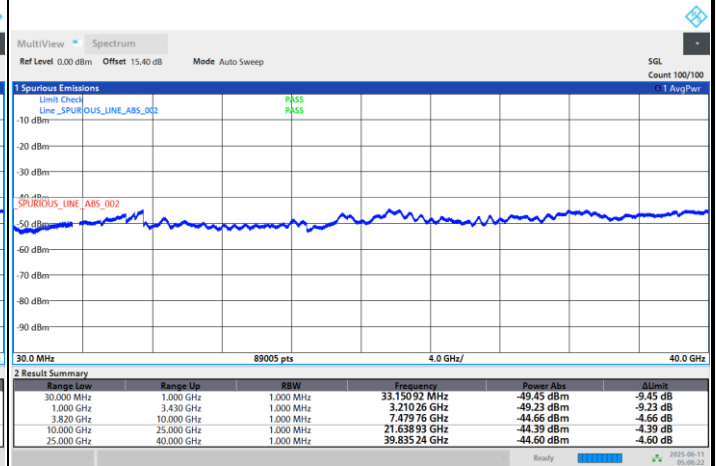
FR1 n48 / 15MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel



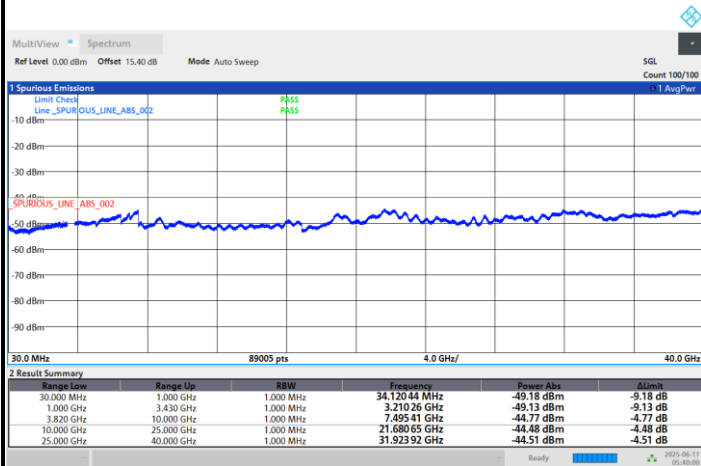
04:11:59 AM 06/11/2025

Middle Channel



05:06:22 AM 06/11/2025

Highest Channel

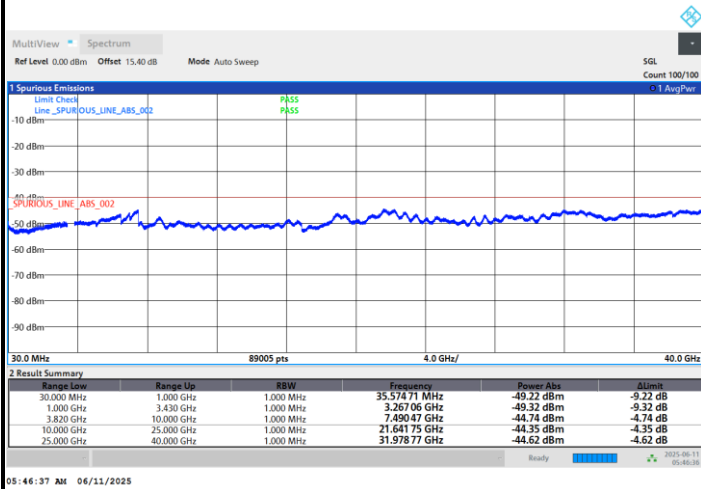


05:40:00 AM 06/11/2025

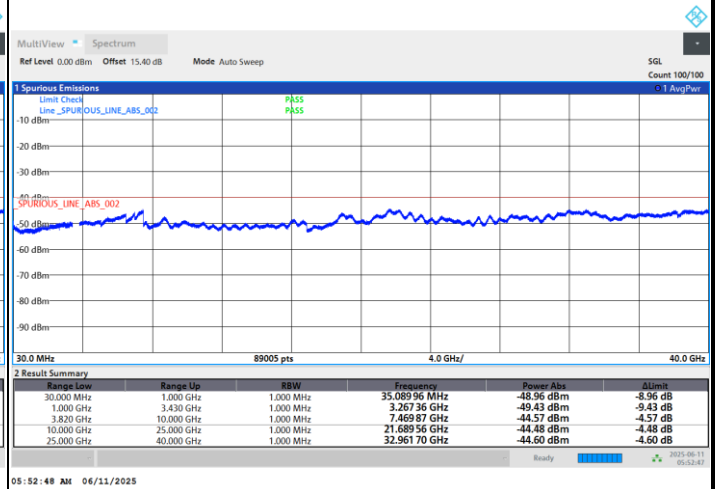


FR1 n48 / 20MHz / DFT-S OFDM / QPSK / 1RB1

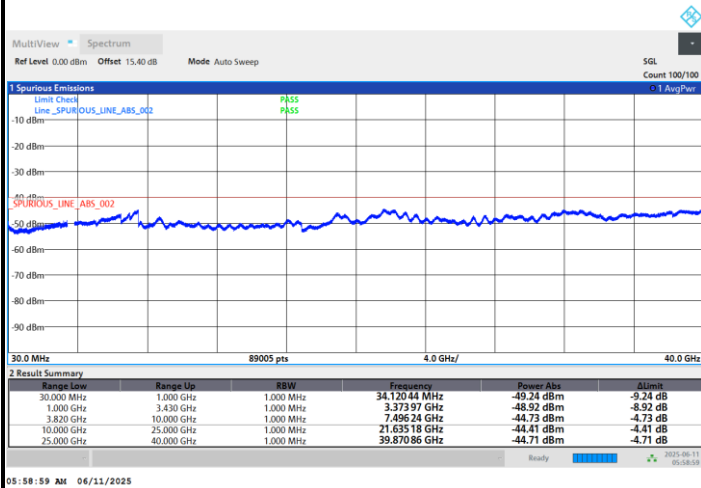
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n48 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0086	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0107	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0068	
0	Normal Voltage	0.0086	
-10	Normal Voltage	0.0088	
-20	Normal Voltage	0.0055	
-30	Normal Voltage	0.0081	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0054	
20	Minimum Voltage	0.0030	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage= 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp/Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
2	NR SA n48	Part 96	L	7102	-46.15	RMS	36.40	-23.46	2.44	-95.23	33.70	-40.00	-6.15	V	4

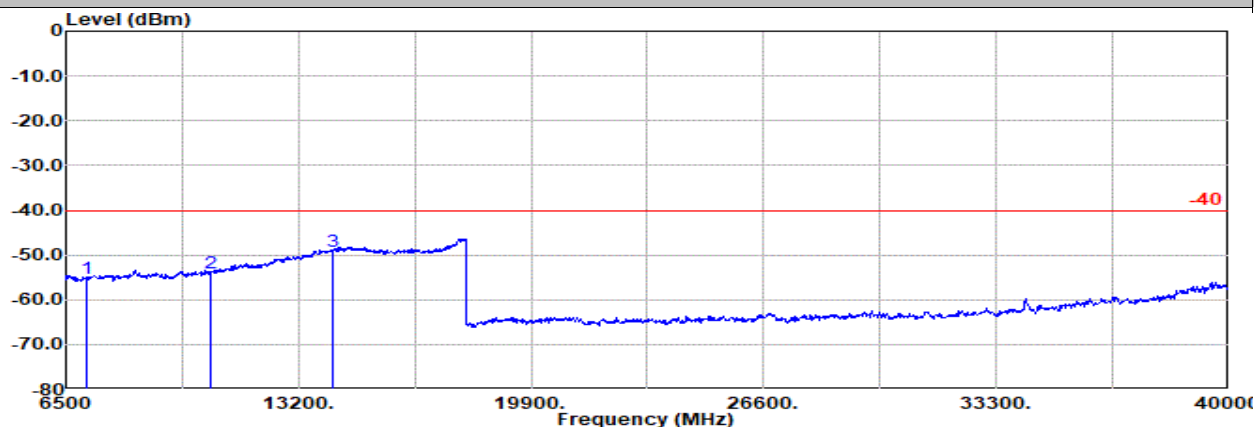


Ant 4

Part 96 Mode 2

NR SA n48 20M Ch637334 1RB1 BPSK

L

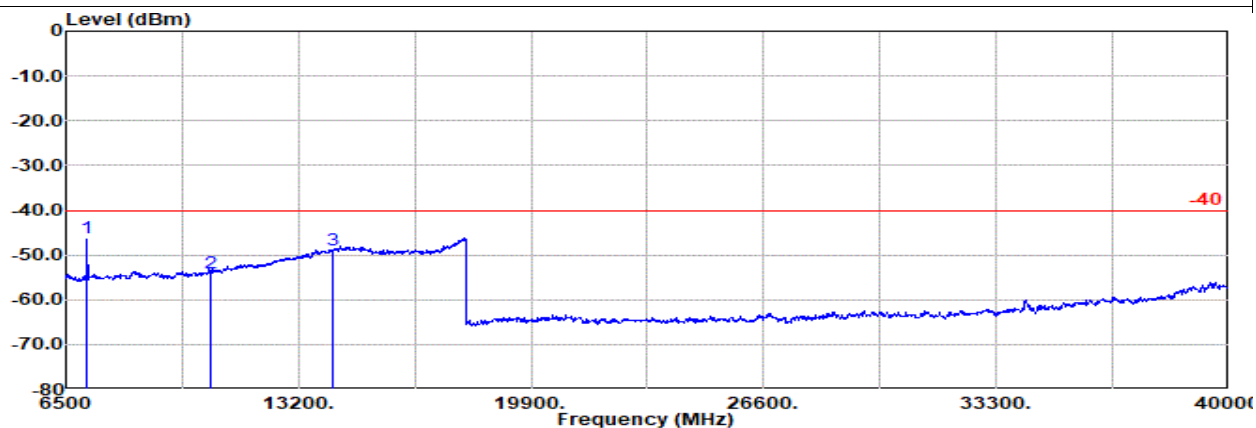


Site : 03CH23-HY

Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Horizontal

: NR 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	dB	dBuV	dBm	dB
1	7102.00	-55.20	RMS	36.40	-23.46	2.44	-95.23	24.65	-40.00	-15.20	Horizontal
2	10653.00	-54.18	RMS	37.50	-24.29	2.24	-95.23	25.60	-40.00	-14.18	Horizontal
3	14205.00	-49.30	RMS	41.10	-25.48	2.49	-95.23	27.82	-40.00	-9.30	Horizontal



Site : 03CH23-HY

Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Vertical

: NR 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	dB	dBuV	dBm	dB
1	7102.00	-46.15	RMS	36.40	-23.46	2.44	-95.23	33.70	-40.00	-6.15	Vertical
2	10653.00	-54.01	RMS	37.50	-24.29	2.24	-95.23	25.77	-40.00	-14.01	Vertical
3	14205.00	-49.04	RMS	41.10	-25.48	2.49	-95.23	28.08	-40.00	-9.04	Vertical

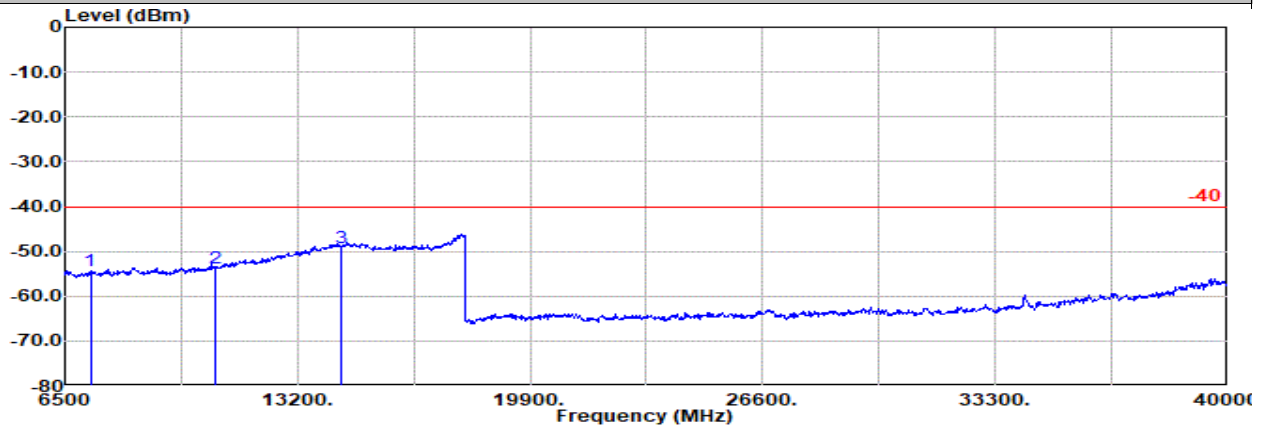


Ant 4

Part 96 Mode 2

NR SA n48 20M Ch641666 1RB1 BPSK

M

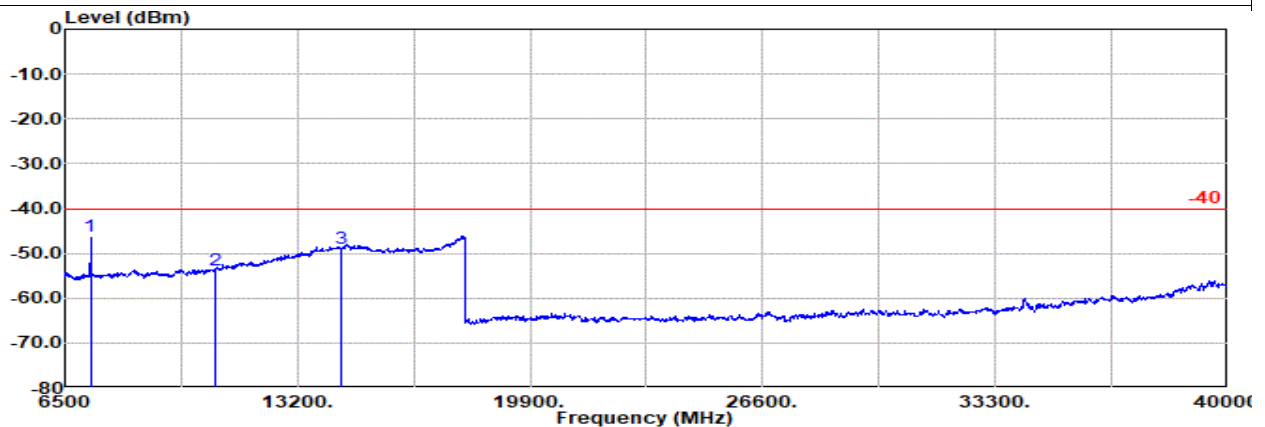


Site : 03CH23-HY

Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Horizontal

: NR SA n48 20M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			1			g		dB	
1	7232.00	-54.36	RMS	36.63	-23.47	2.44	-95.23	25.27	-40.00	-14.36	Horizontal
2	10848.00	-53.60	RMS	37.60	-24.39	2.24	-95.23	26.18	-40.00	-13.60	Horizontal
3	14465.00	-49.06	RMS	41.43	-25.77	2.49	-95.23	28.02	-40.00	-9.06	Horizontal



Site : 03CH23-HY

Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Vertical

: NR SA n48 20M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			1			g		dB	
1	7232.00	-46.28	RMS	36.63	-23.47	2.44	-95.23	33.35	-40.00	-6.28	Vertical
2	10848.00	-53.84	RMS	37.60	-24.39	2.24	-95.23	25.94	-40.00	-13.84	Vertical
3	14465.00	-49.02	RMS	41.43	-25.77	2.49	-95.23	28.06	-40.00	-9.02	Vertical

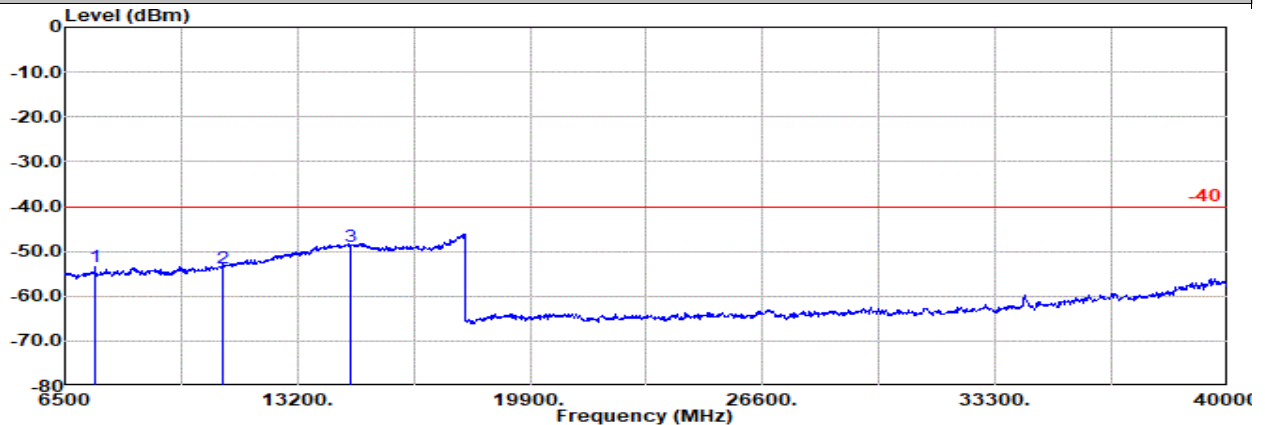


Ant 4

Part 96 Mode 2

NR SA n48 20M Ch646000 1RB1 BPSK

H

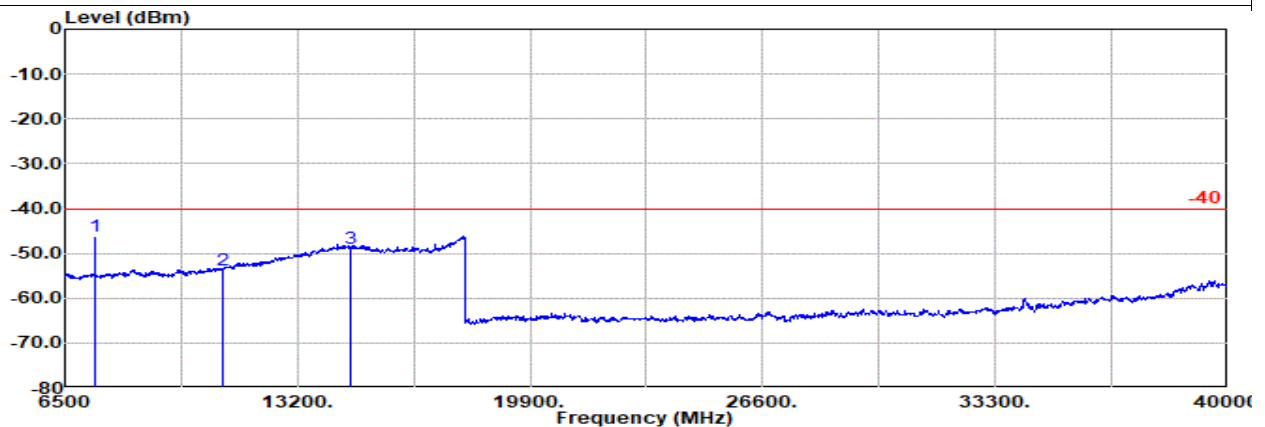


Site : 03CH23-HY

Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Horizontal

: NR SA n48 20M Ch646000 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.00	-53.39	RMS	36.98	-23.50	2.26	-95.23	26.10	-40.00	-13.39	Horizontal
2	11043.00	-53.64	RMS	37.90	-24.47	2.25	-95.23	25.91	-40.00	-13.64	Horizontal
3	14725.00	-48.79	RMS	41.45	-26.03	2.50	-95.23	28.52	-40.00	-8.79	Horizontal



Site : 03CH23-HY

Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Vertical

: NR SA n48 20M Ch646000 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7362.00	-46.33	RMS	36.98	-23.50	2.26	-95.23	33.16	-40.00	-6.33	Vertical
2	11043.00	-53.71	RMS	37.90	-24.47	2.25	-95.23	25.84	-40.00	-13.71	Vertical
3	14725.00	-48.76	RMS	41.45	-26.03	2.50	-95.23	28.55	-40.00	-8.76	Vertical

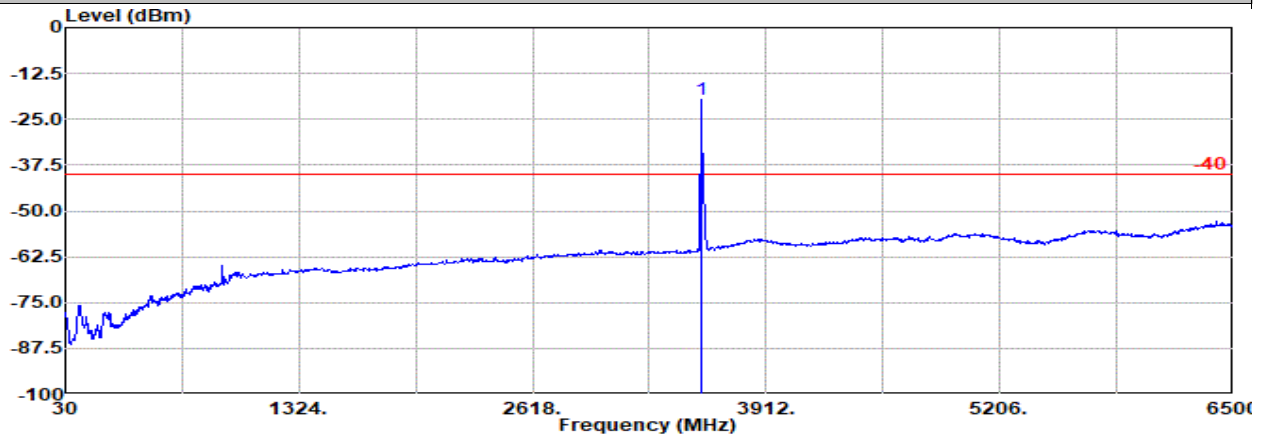


Ant 4

Ant 0 Mode 2

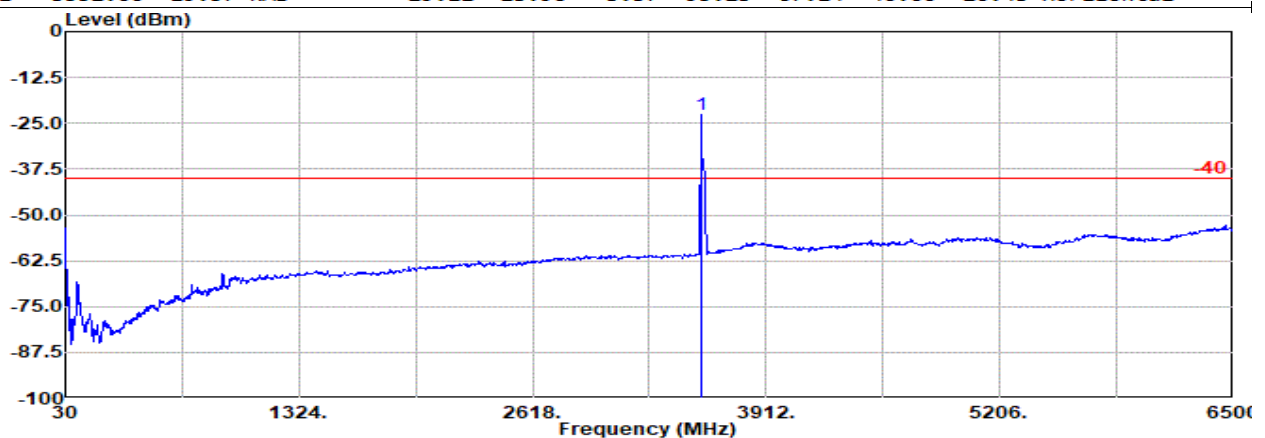
NR SA n48 20M Ch637334 1RB1 BPSK

L



Site : 03CH23-HY
Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Horizontal
: NR SA n48 20M Ch637334 1RB1 BPSK
: #1 is fundamental signal which can be ignored.

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB	dBuV	dBm		
1	3552.00	-19.57	RMS	29.11	-23.96	3.37	-95.23	67.14	-40.00	20.43	Horizontal	



Site : 03CH23-HY
Condition: -40 3m DRH18-E_KV2D06A18ES_241025 Vertical
: NR SA n48 20M Ch637334 1RB1 BPSK
: #1 is fundamental signal which can be ignored.

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin Limit		Margin	Pol
	MHz	dBm		Factor	dB		dB	dB	dBuV	dBm		
1	3552.00	-22.54	RMS	29.11	-23.96	3.37	-95.23	64.17	-40.00	17.46	Vertical	

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