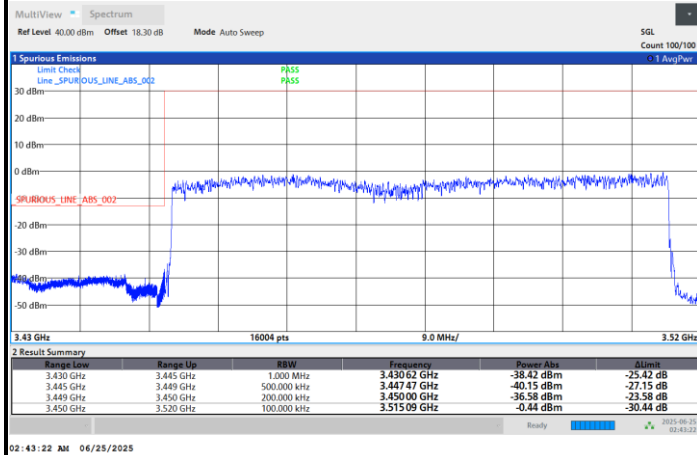


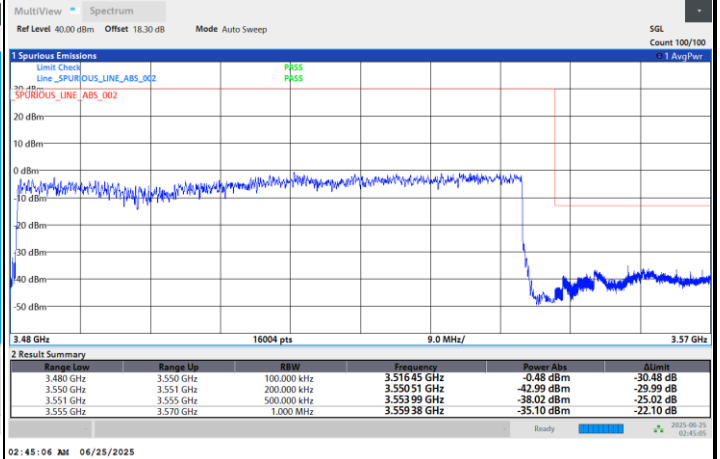


FR1 n77 / 70MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

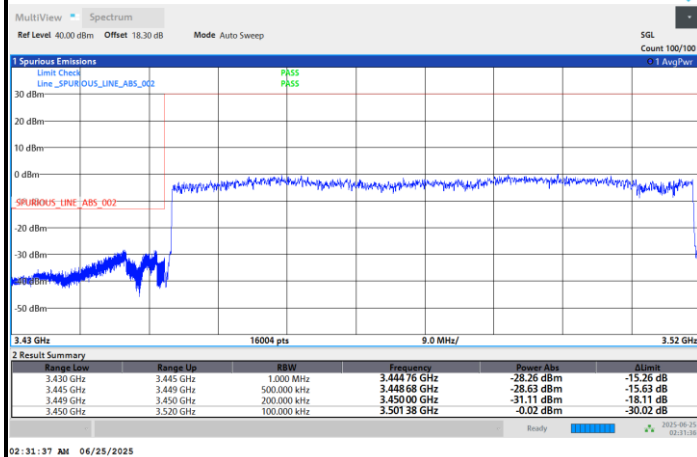


Highest Band Edge / Full RB

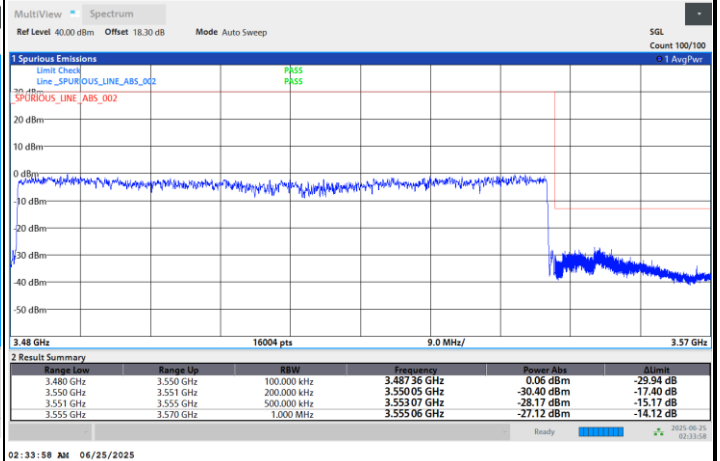


FR1 n77 / 70MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



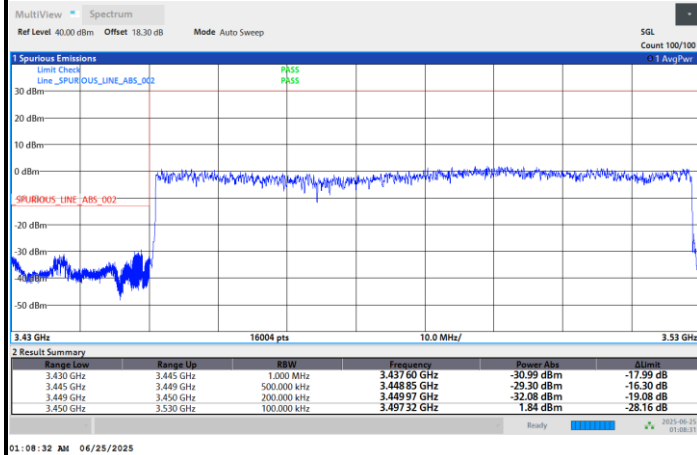
Highest Band Edge



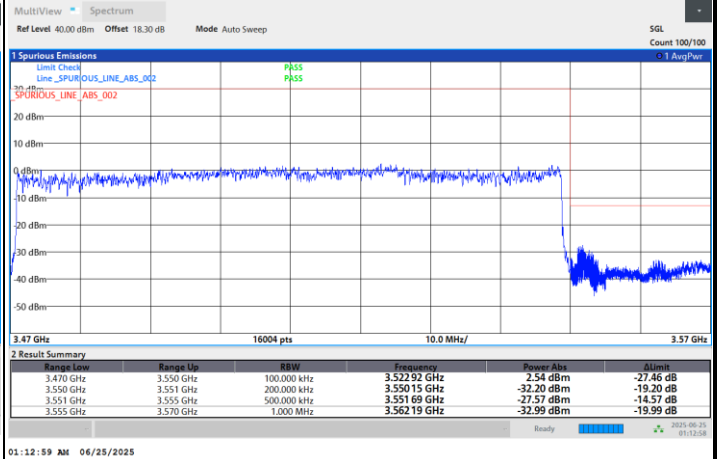


FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

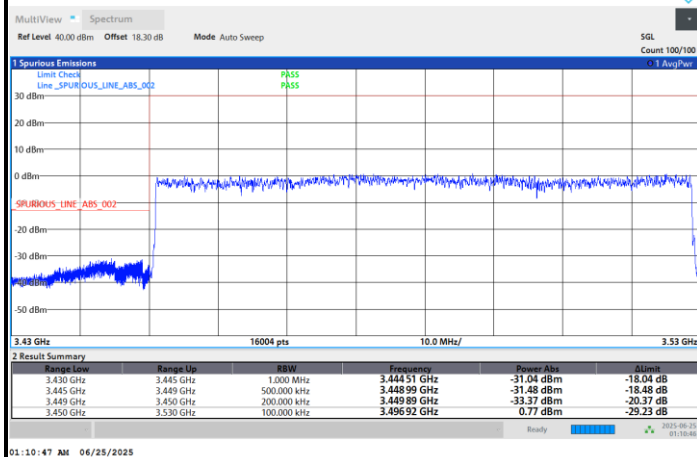


Highest Band Edge / Full RB

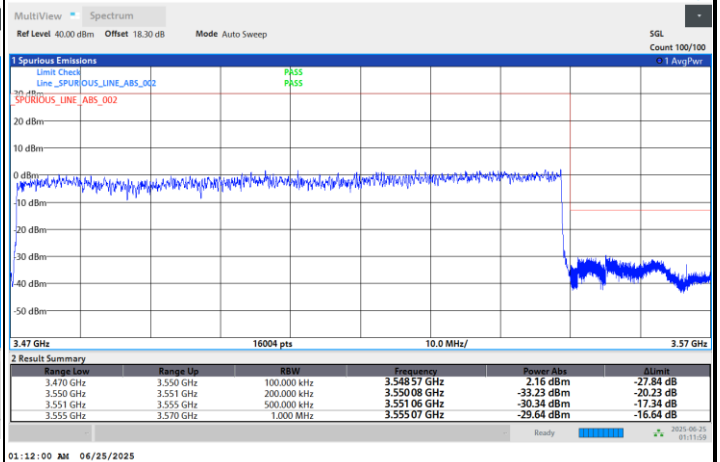


FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



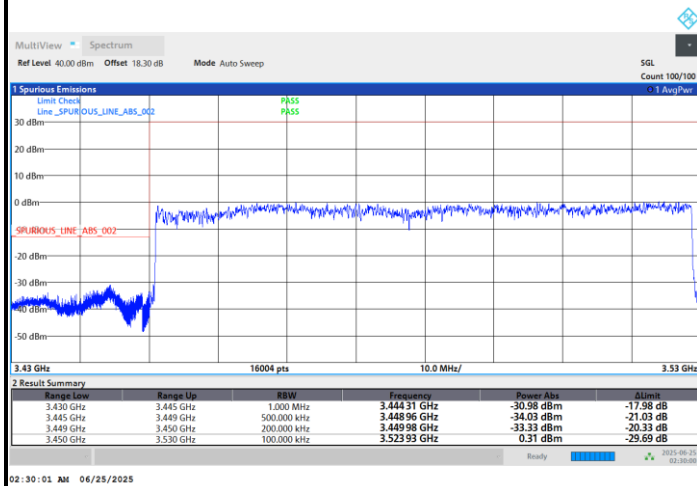
Highest Band Edge / Full RB



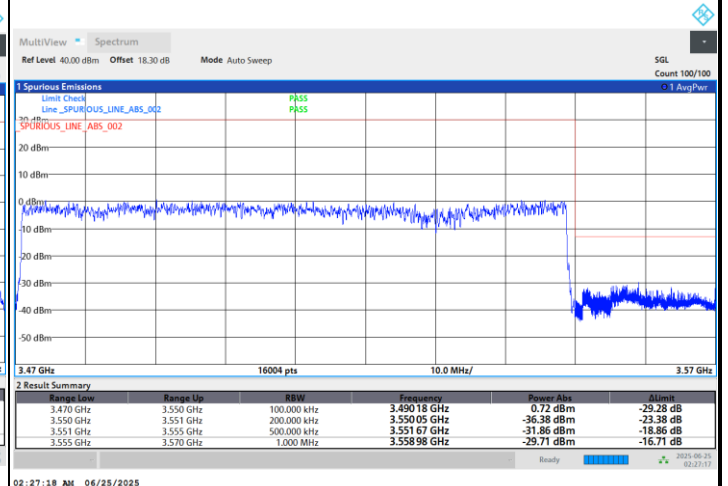


FR1 n77 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

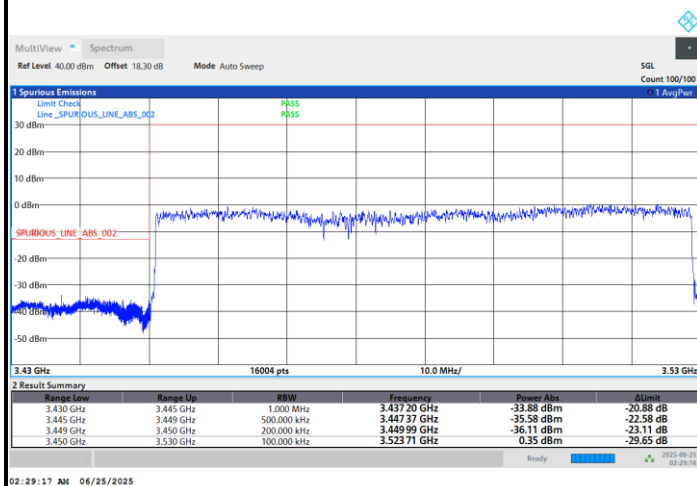


Highest Band Edge / Full RB

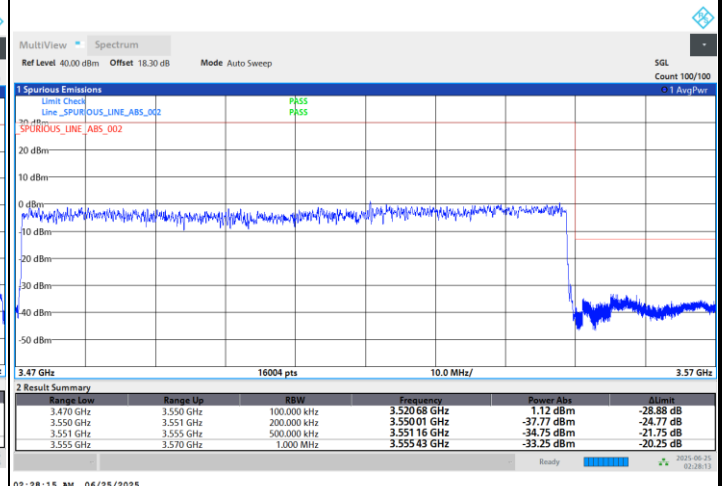


FR1 n77 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



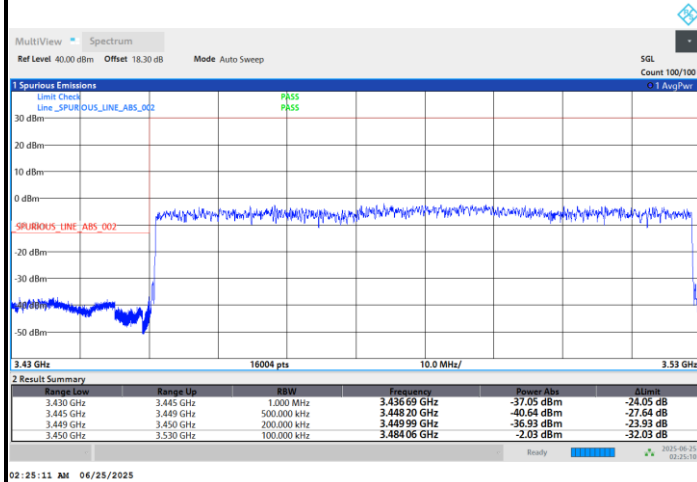
Highest Band Edge / Full RB



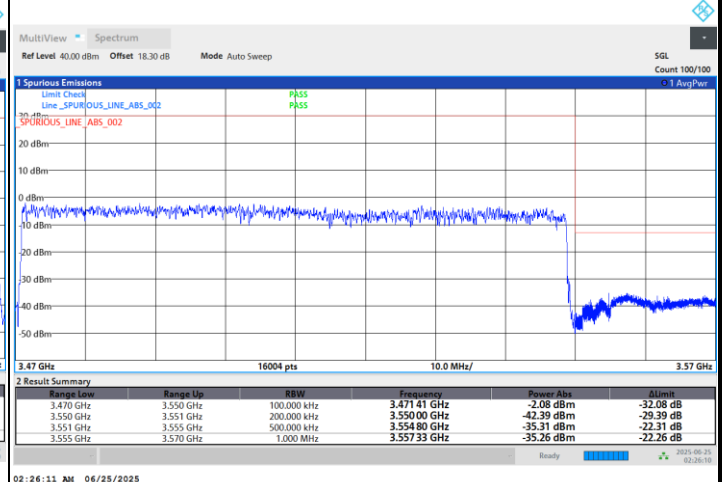


FR1 n77 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

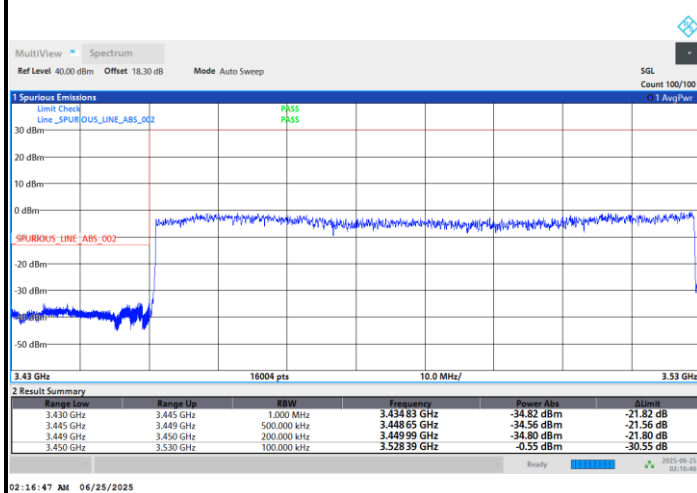


Highest Band Edge / Full RB

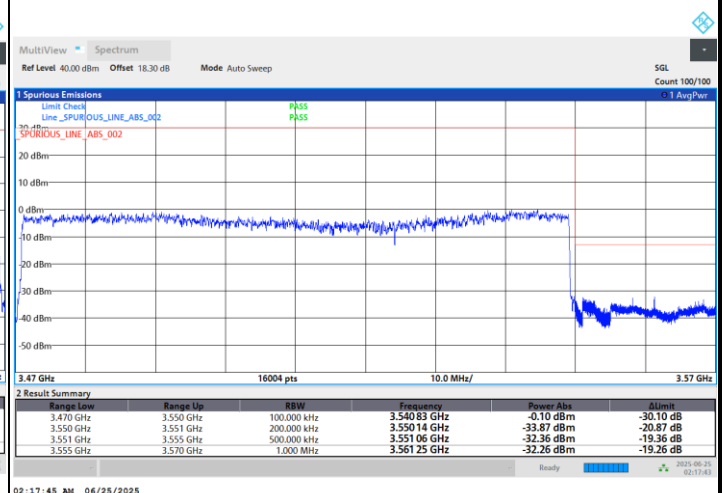


FR1 n77 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



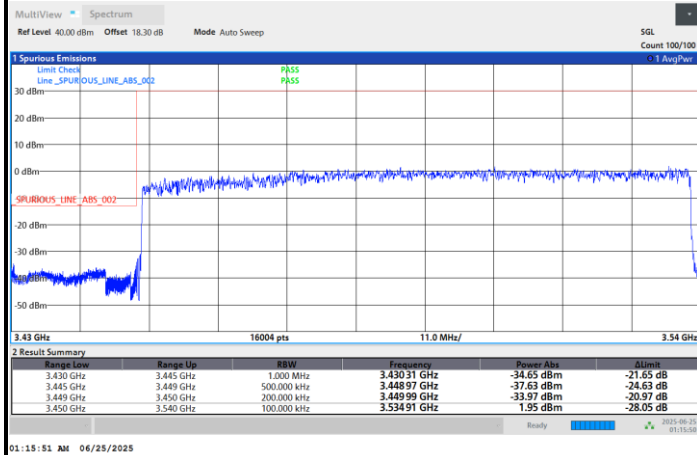
Highest Band Edge



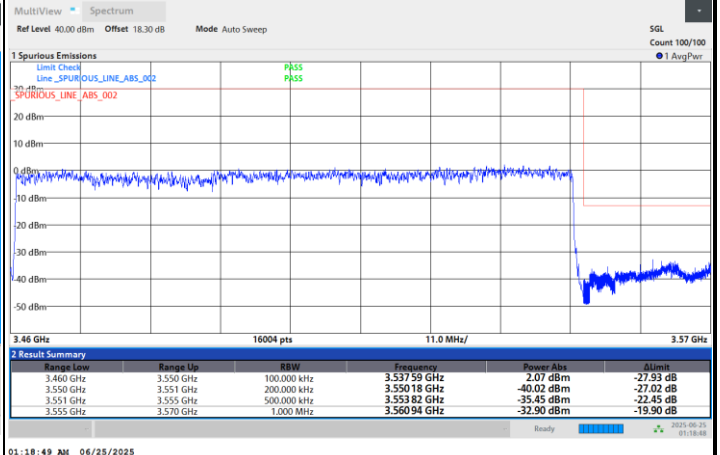


FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

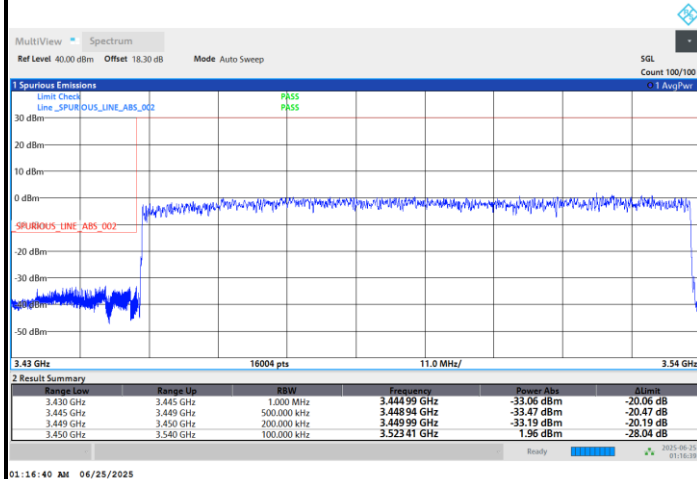


Highest Band Edge / Full RB

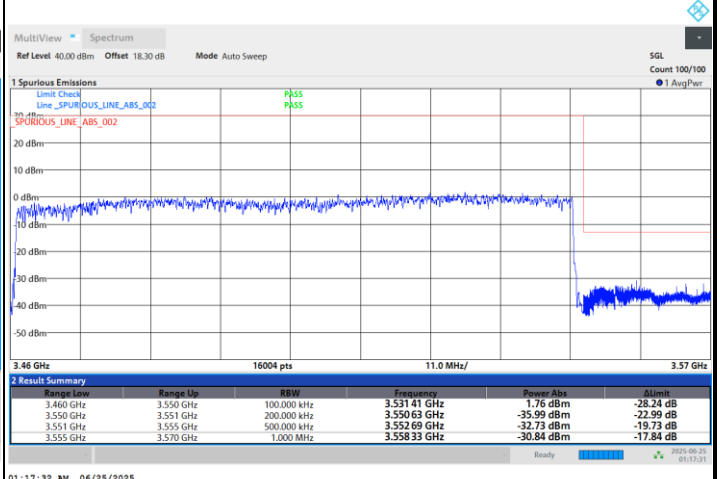


FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



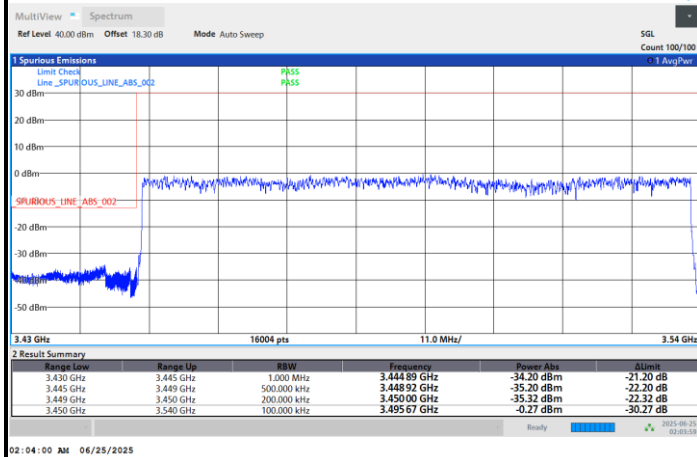
Highest Band Edge / Full RB



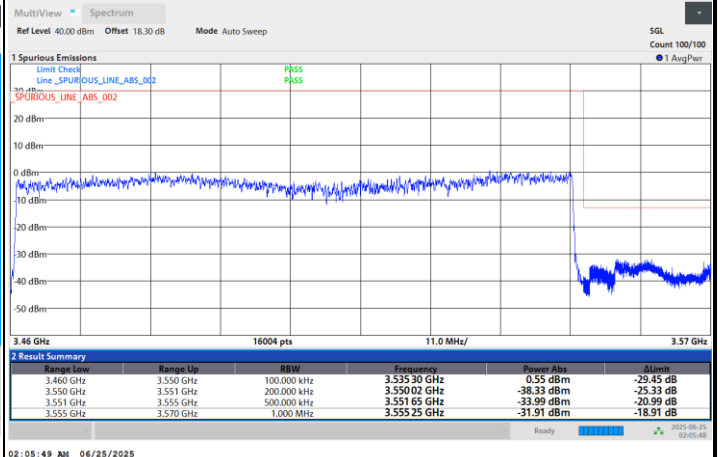


FR1 n77 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

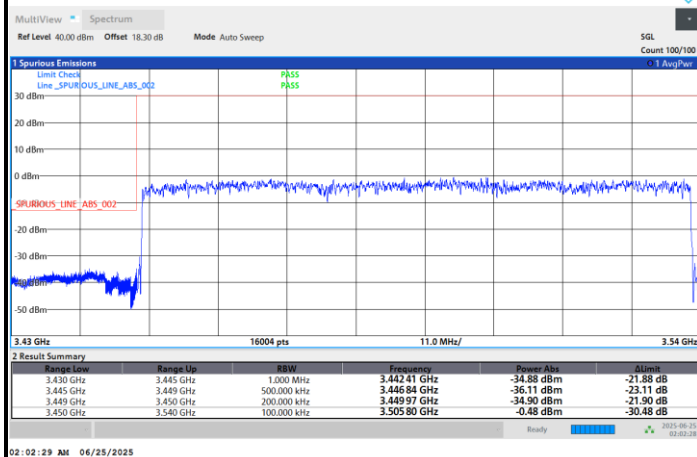


Highest Band Edge / Full RB

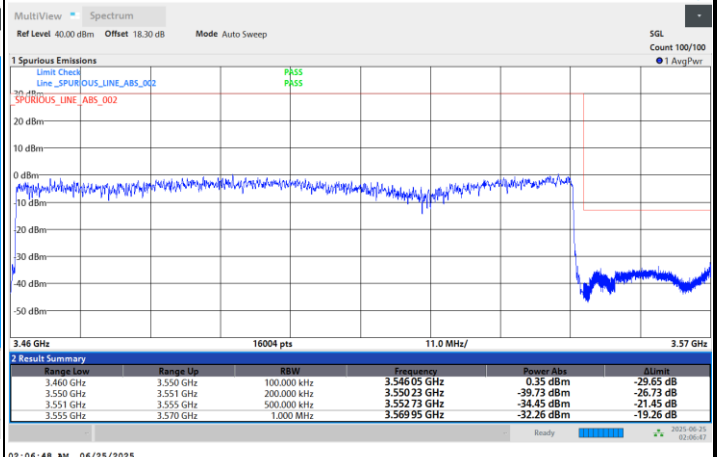


FR1 n77 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



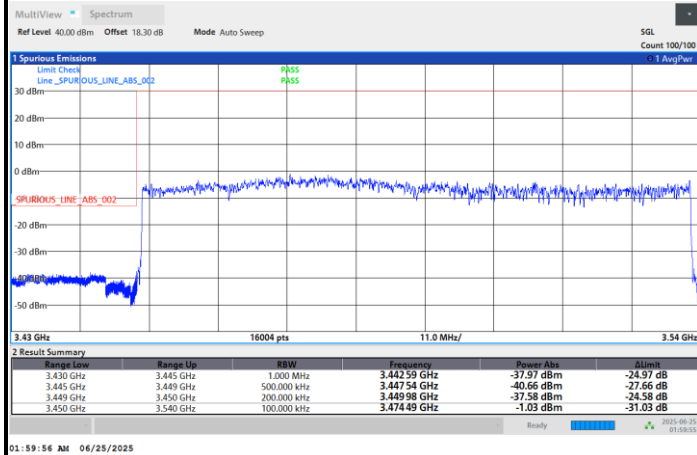
Highest Band Edge / Full RB



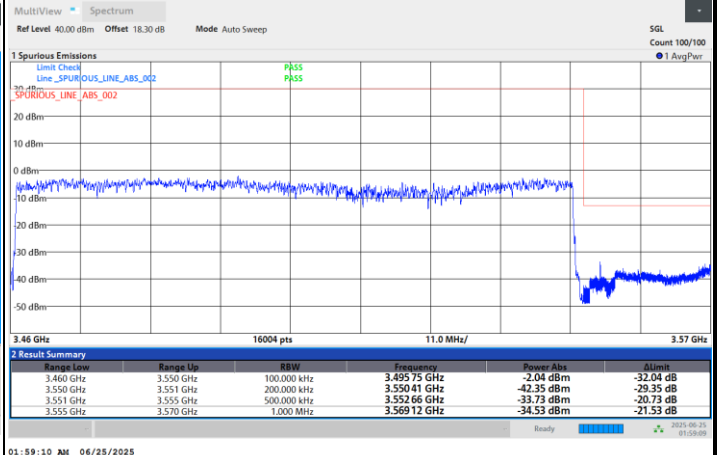


FR1 n77 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

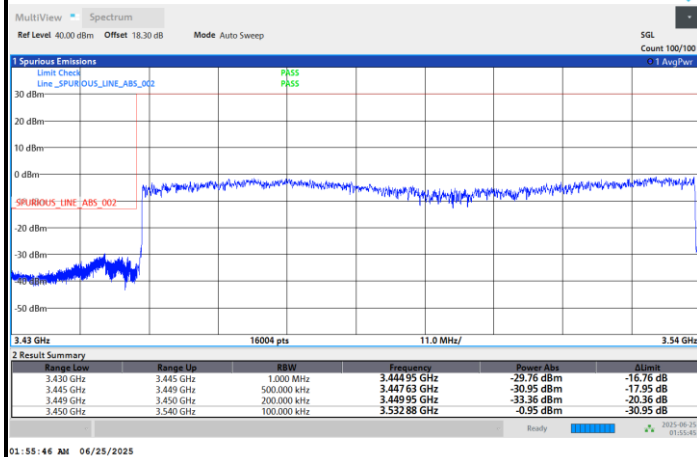


Highest Band Edge / Full RB

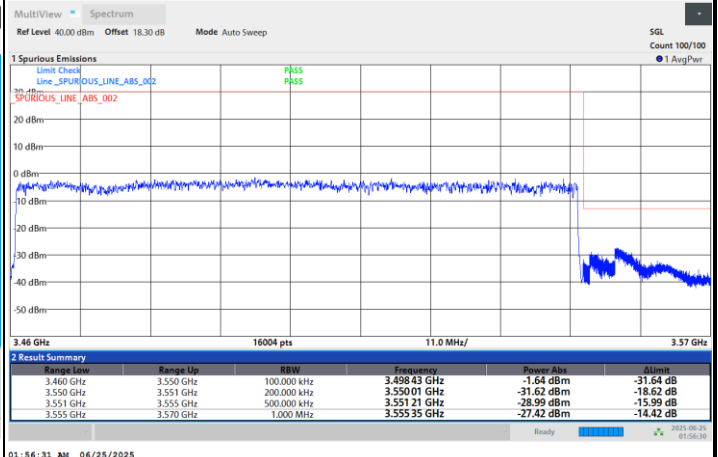


FR1 n77 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



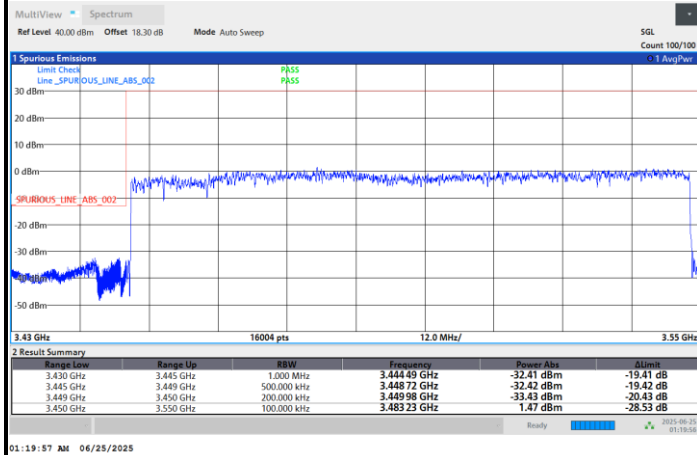
Highest Band Edge



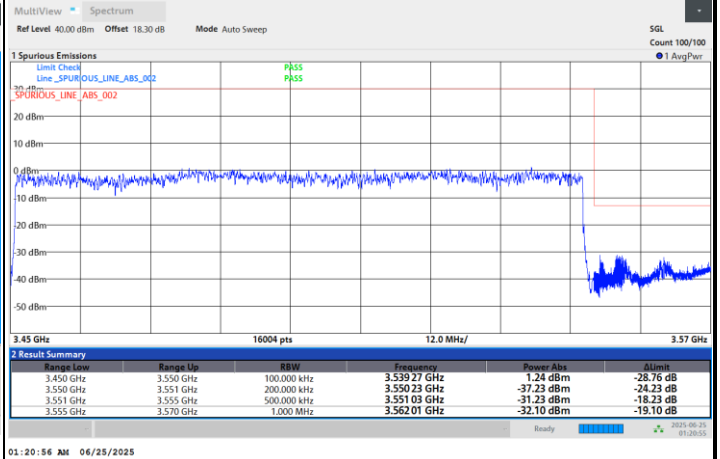


FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

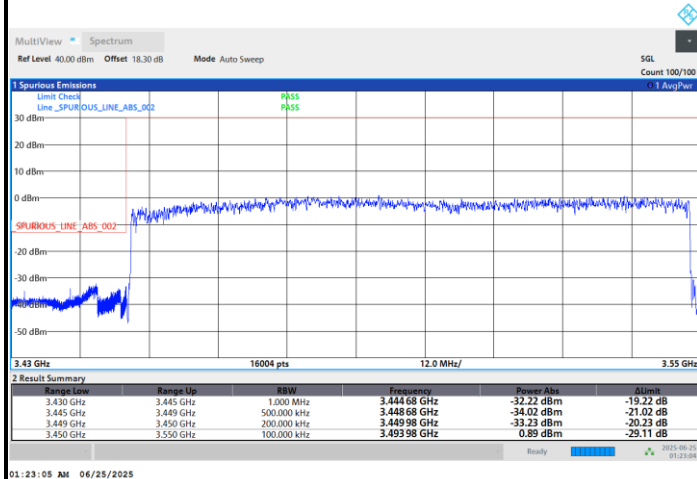


Highest Band Edge / Full RB

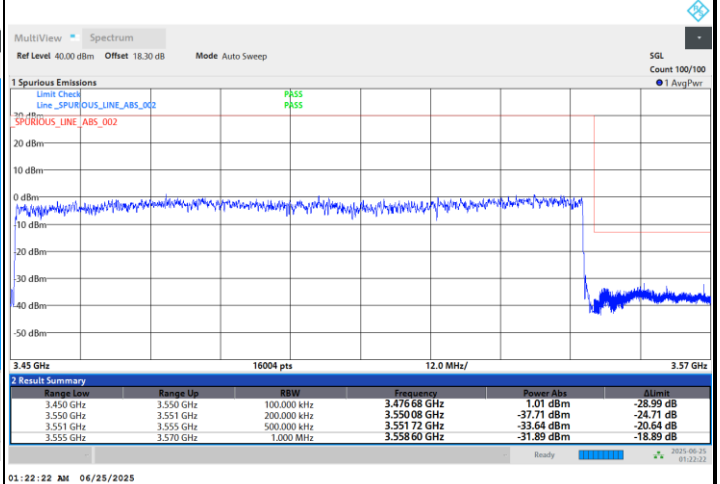


FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



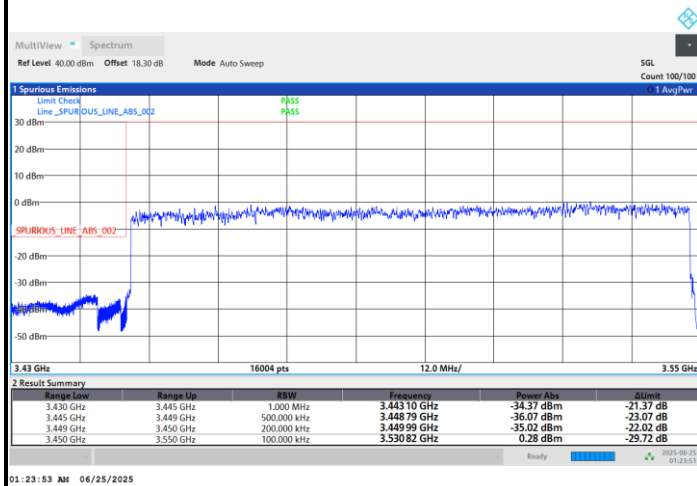
Highest Band Edge / Full RB



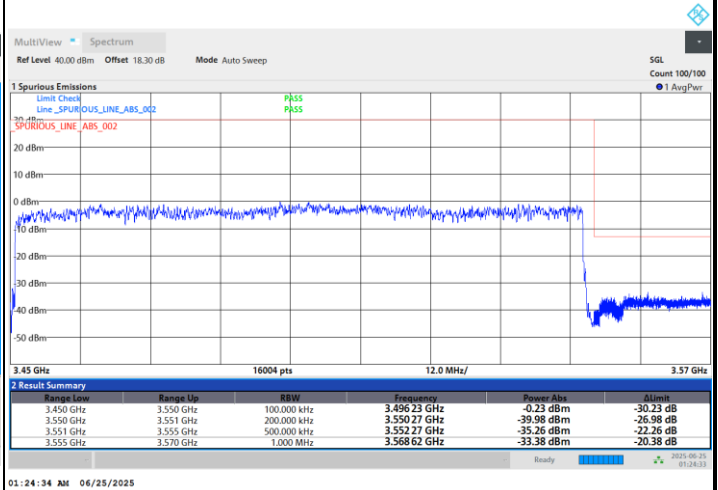


FR1 n77 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

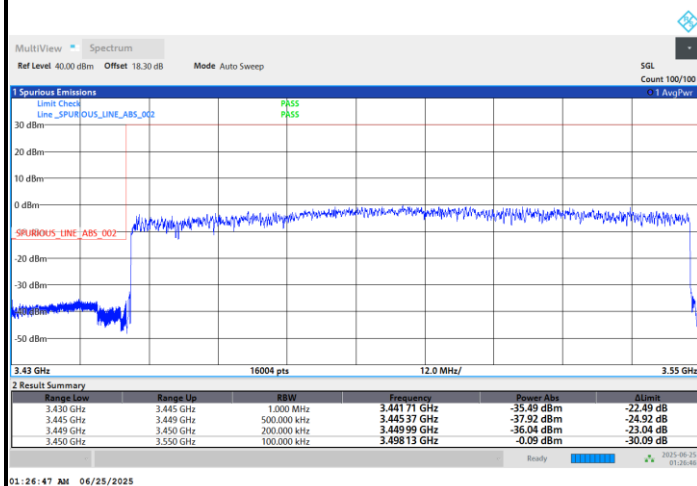


Highest Band Edge / Full RB

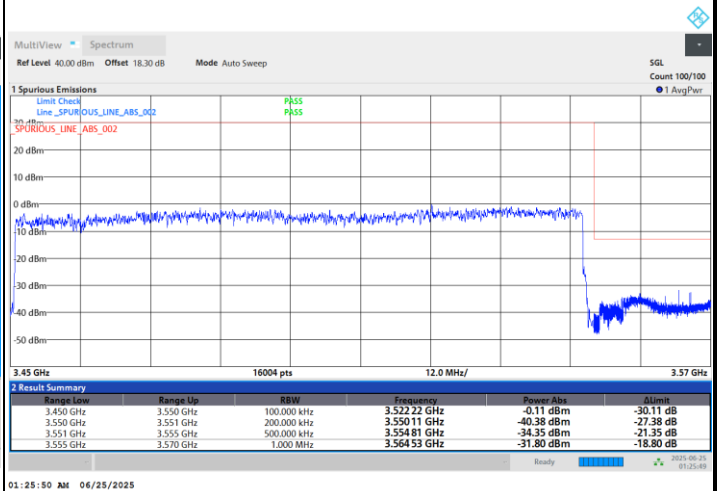


FR1 n77 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



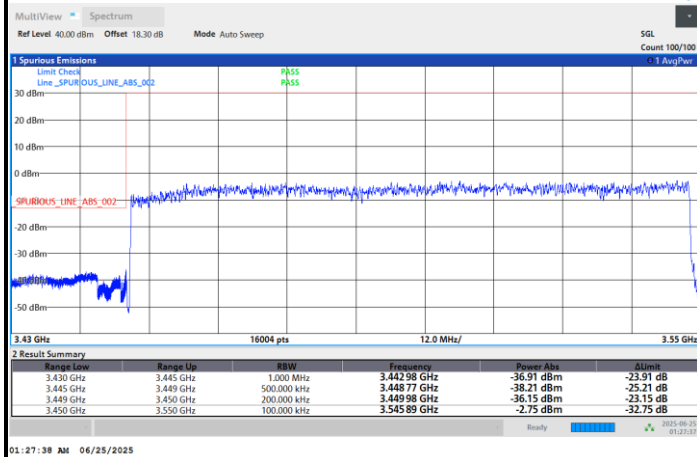
Highest Band Edge / Full RB



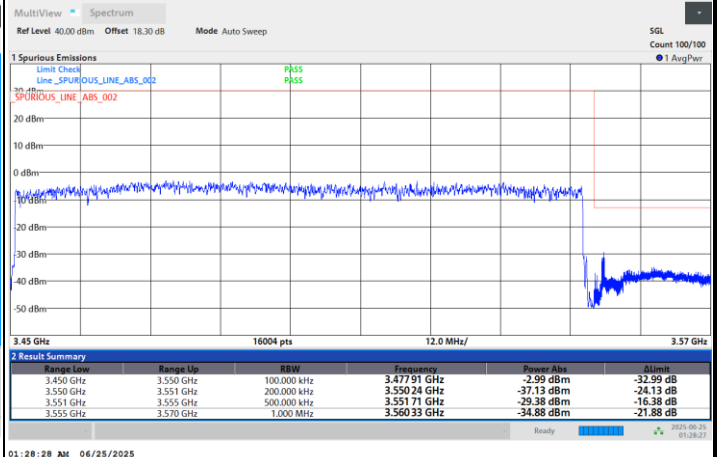


FR1 n77 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

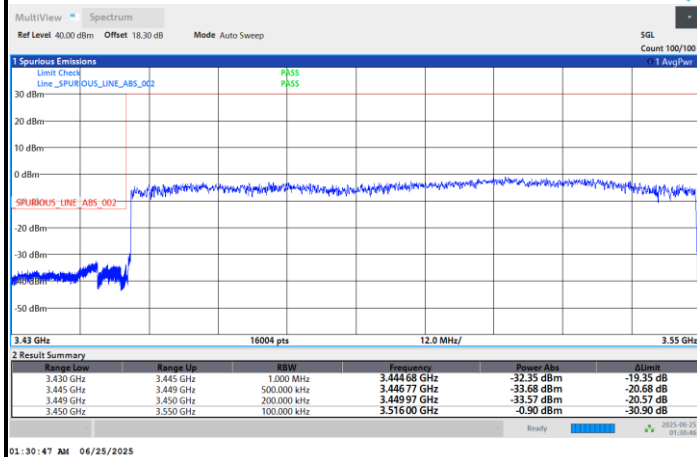


Highest Band Edge / Full RB

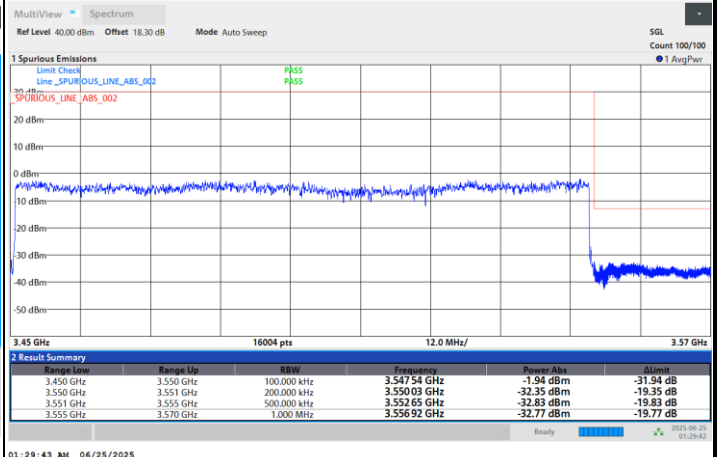


FR1 n77 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

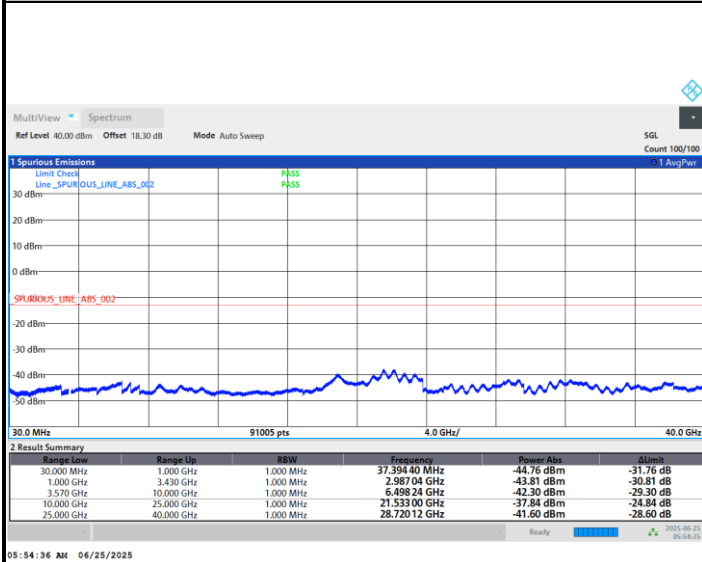




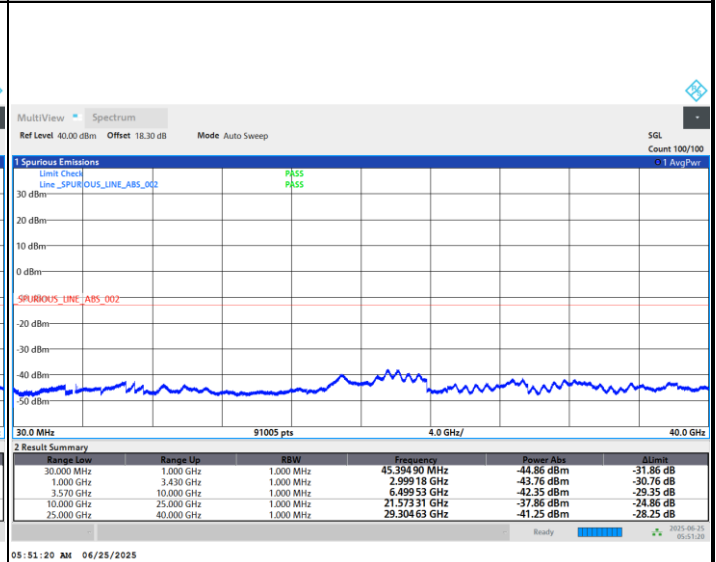
Conducted Spurious Emission

FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

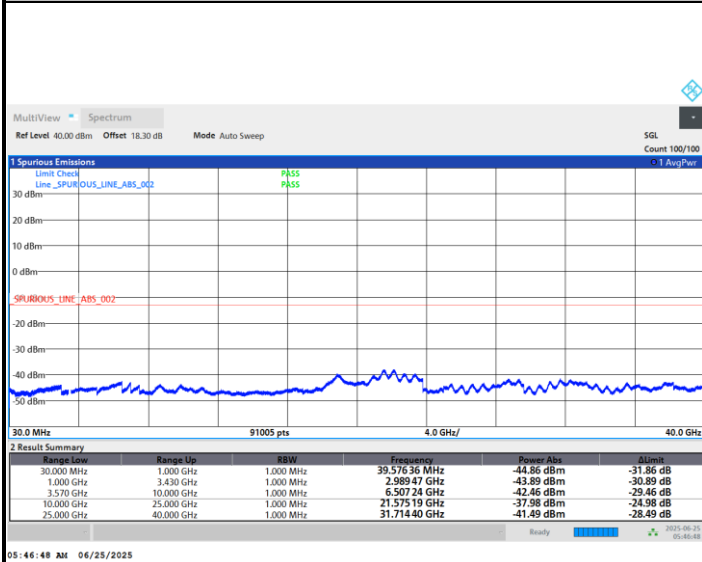
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0013	

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.



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)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 27M	NR MIMO n41 PC1.5	M	10337	-56.86	RMS	38.70	-52.35	0.05	-95.23	51.97	-25.00	-31.86	V	2+0
2	Part 27O	NR MIMO n77 PC1.5	L	14805	-53.91	RMS	40.51	-48.10	0.06	-95.23	48.85	-13.00	-40.91	V	3+1
3	Part 27Q	NR MIMO n77 PC1.5	H	14125	-53.47	RMS	40.90	-48.15	0.04	-95.23	48.97	-13.00	-40.47	H	3+1

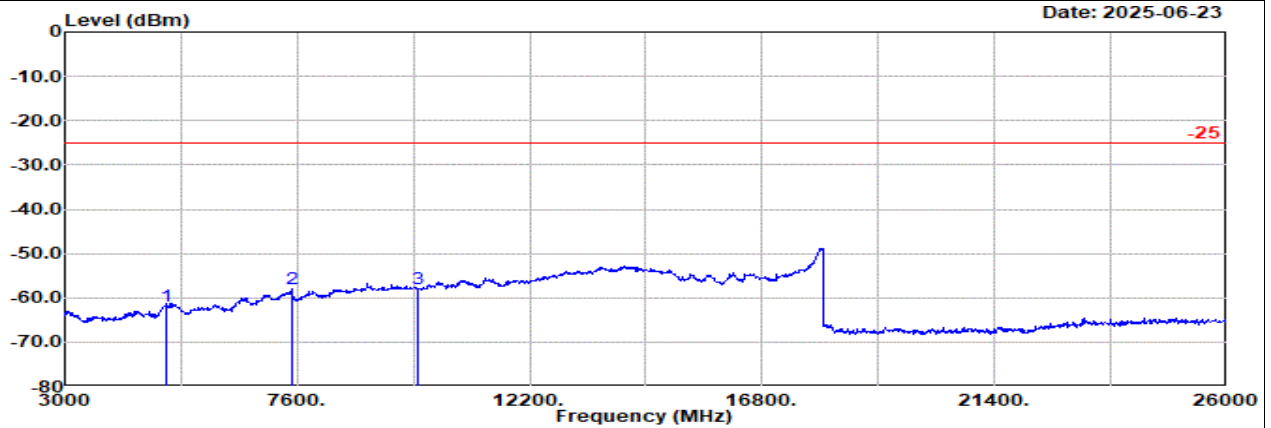


Tx0+1_ANT 2+0

Part 27M Mode 1

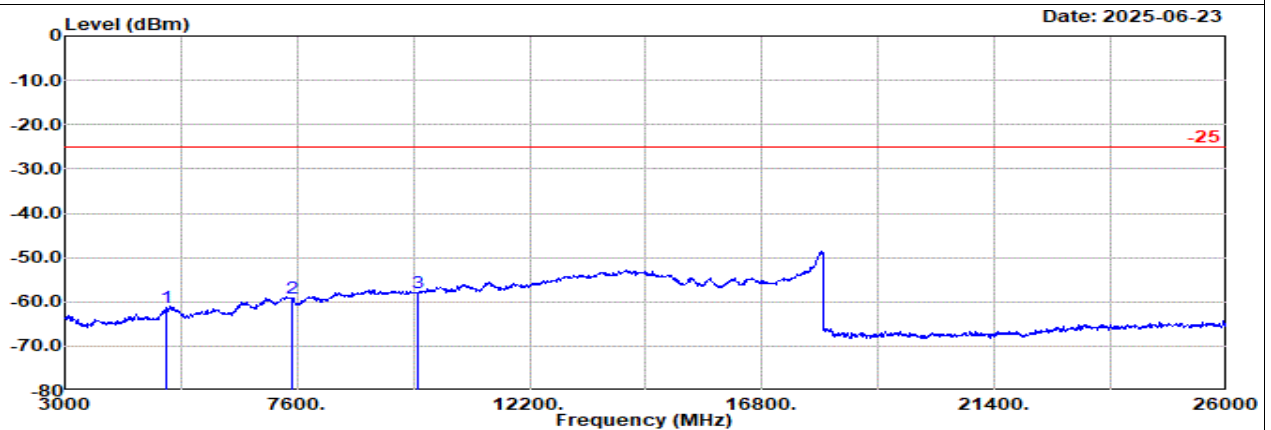
NR MIMO n41 PC1.5 20M Ch501204 1RB1 BPSK

L



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-240711 Horizontal
: NR SA n41 20M Ch501204 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	4994.00	-61.81	RMS	33.39	-56.66	0.62 -95.23	56.07	-25.00	-36.81	Horizontal
2	7491.00	-58.02	RMS	36.62	-53.40	0.15 -95.23	53.84	-25.00	-33.02	Horizontal
3	9989.00	-57.90	RMS	38.26	-52.78	0.05 -95.23	51.80	-25.00	-32.90	Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-240711 Vertical
: NR SA n41 20M Ch501204 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	4994.00	-61.26	RMS	33.39	-56.66	0.62 -95.23	56.62	-25.00	-36.26	Vertical
2	7491.00	-59.03	RMS	36.62	-53.40	0.15 -95.23	52.83	-25.00	-34.03	Vertical
3	9989.00	-57.87	RMS	38.26	-52.78	0.05 -95.23	51.83	-25.00	-32.87	Vertical

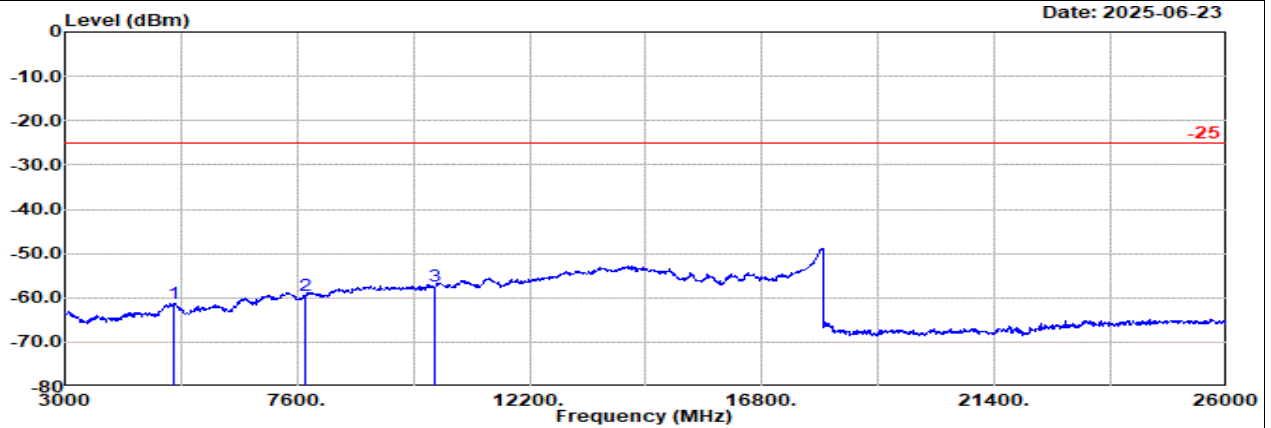


Tx0+1_ANT 2+0

Part 27M Mode 1

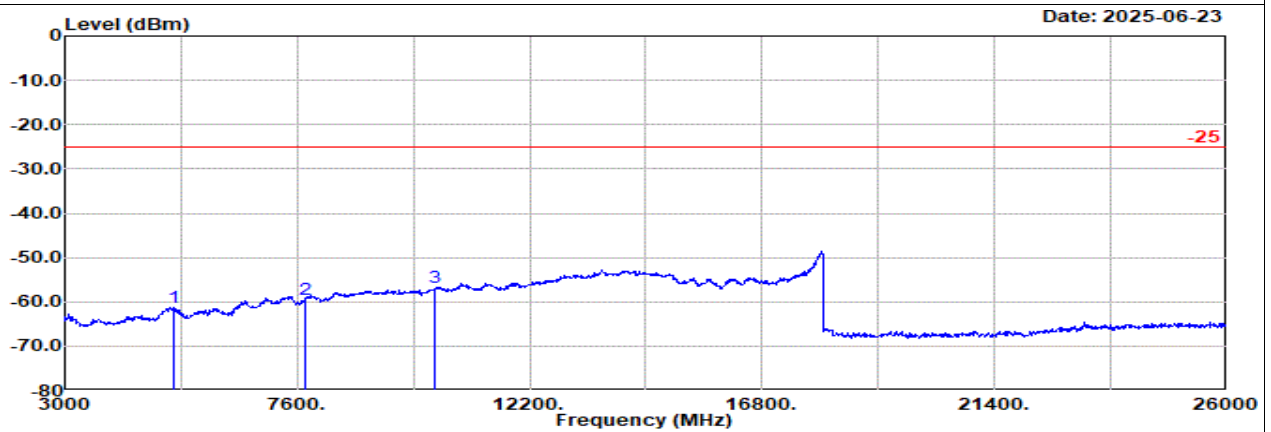
NR MIMO n41 PC1.5 20M Ch518598 1RB1 BPSK

M



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-240711 Horizontal
: NR SA n41 20M Ch518598 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	5168.00	-61.29	RMS	33.36	-56.20	0.80	-95.23	55.98	-25.00	-36.29
2	7752.00	-59.44	RMS	36.81	-53.39	0.17	-95.23	52.20	-25.00	-34.44
3	10337.00	-57.27	RMS	38.70	-52.35	0.05	-95.23	51.56	-25.00	-32.27



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-240711 Vertical
: NR SA n41 20M Ch518598 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	5168.00	-61.29	RMS	33.36	-56.20	0.80	-95.23	55.98	-25.00	-36.29
2	7752.00	-59.46	RMS	36.81	-53.39	0.17	-95.23	52.18	-25.00	-34.46
3	10337.00	-56.86	RMS	38.70	-52.35	0.05	-95.23	51.97	-25.00	-31.86

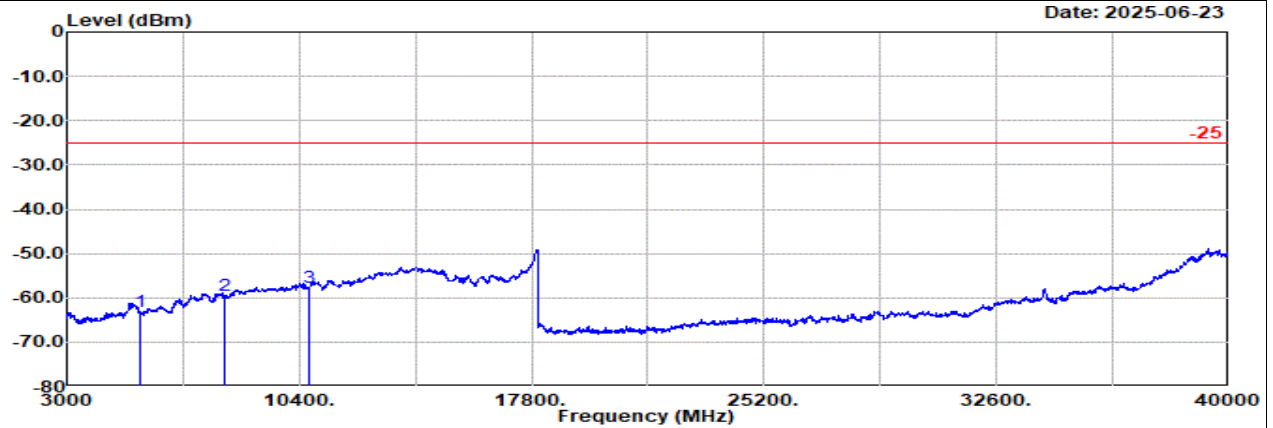


Tx0+1_ANT 2+0

Part 27M Mode 1

NR MIMO n41 PC1.5 20M Ch535998 1RB1 BPSK

H

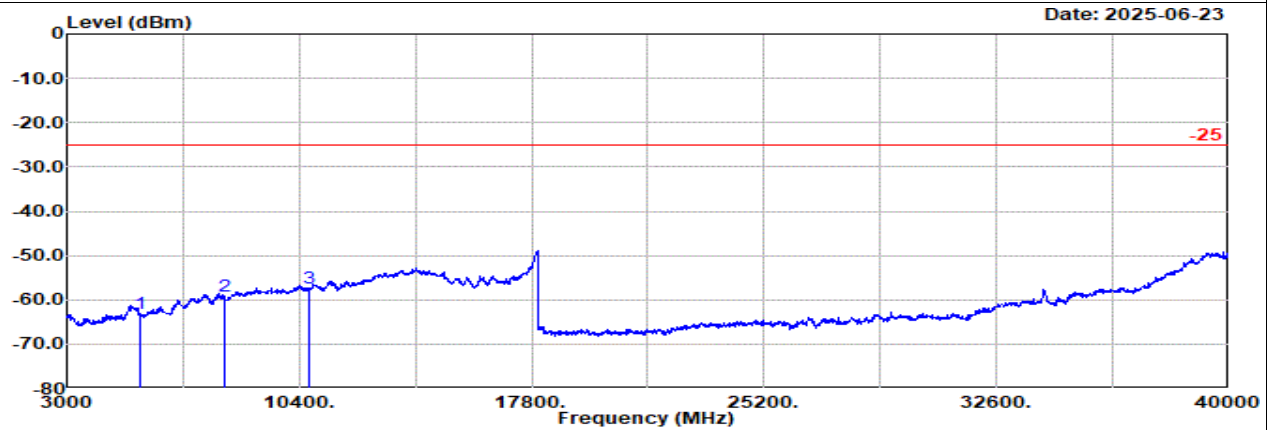


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Horizontal

: NR SA n41 20M Ch535998 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	1		dB	dB				
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1	5343.00	-63.08	RMS	33.09	-55.77	0.56	-95.23	54.27	-25.00	-38.08	Horizontal	
2	8014.00	-59.56	RMS	37.20	-53.53	0.14	-95.23	51.86	-25.00	-34.56	Horizontal	
3	10685.00	-57.52	RMS	39.20	-51.95	0.06	-95.23	50.40	-25.00	-32.52	Horizontal	



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-240711 Vertical

: NR SA n41 20M Ch535998 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	1		dB	dB				
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1	5343.00	-63.17	RMS	33.09	-55.77	0.56	-95.23	54.18	-25.00	-38.17	Vertical	
2	8014.00	-59.09	RMS	37.20	-53.53	0.14	-95.23	52.33	-25.00	-34.09	Vertical	
3	10685.00	-57.27	RMS	39.20	-51.95	0.06	-95.23	50.65	-25.00	-32.27	Vertical	

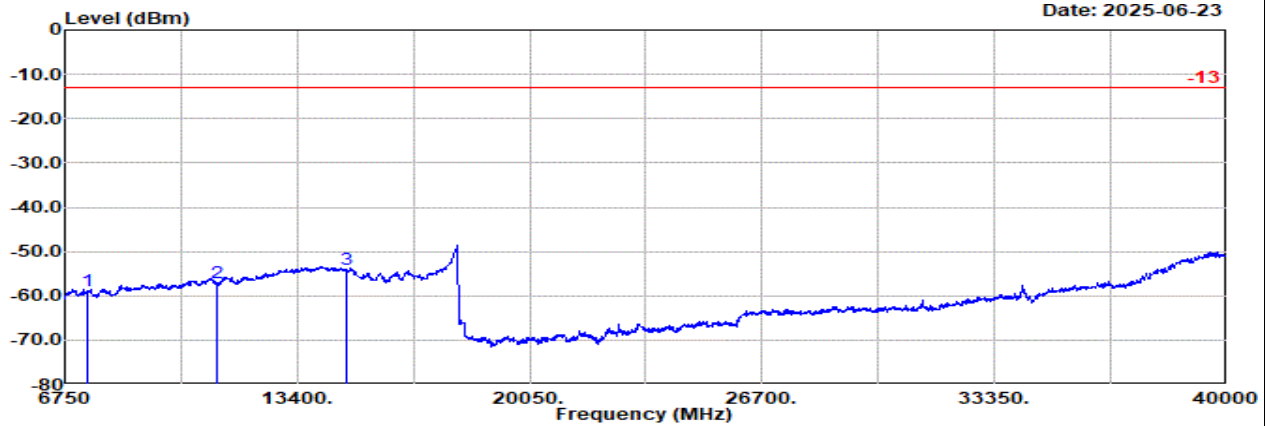


Tx0+1_ANT 3+1

Part 270 Mode 2

NR MIMO n77 PC1.5 20M Ch647334 1RB1 BPSK

L

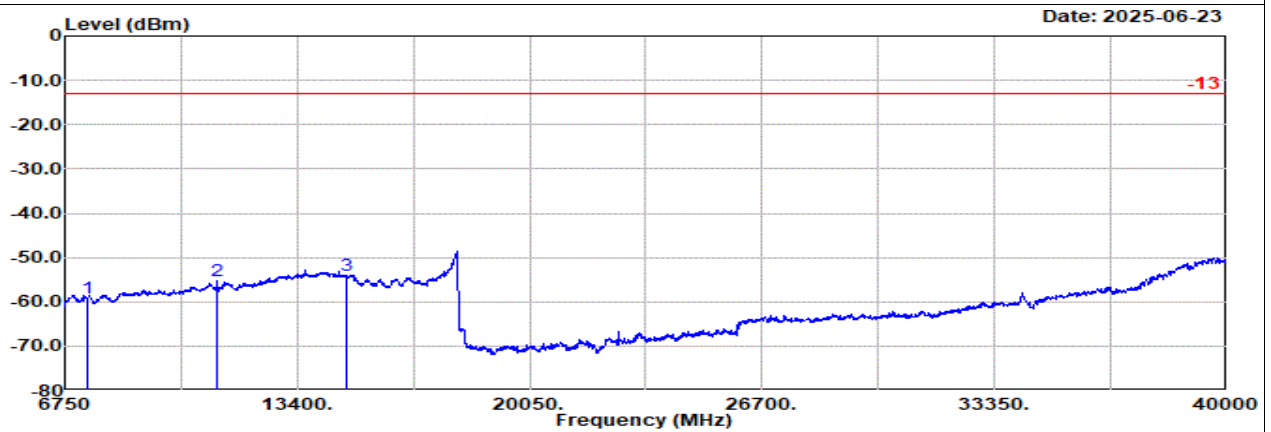


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: :NR Band 77 20M Ch647334 1RB1 BPSK

1	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	7403.00	-58.99	RMS	36.63	-53.42	0.37 -95.23	52.66	-13.00	-45.99	Horizontal
2	11104.00	-57.10	RMS	38.90	-51.41	0.23 -95.23	50.41	-13.00	-44.10	Horizontal
3	14805.00	-54.14	RMS	40.47	-48.15	0.06 -95.23	48.71	-13.00	-41.14	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: :NR Band 77 20M Ch647334 1RB1 BPSK

1	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1					
1	7403.00	-59.11	RMS	36.63	-53.42	0.37 -95.23	52.54	-13.00	-46.11	Vertical
2	11104.00	-55.29	RMS	38.90	-51.41	0.23 -95.23	52.22	-13.00	-42.29	Vertical
3	14805.00	-53.91	RMS	40.51	-48.10	0.06 -95.23	48.85	-13.00	-40.91	Vertical

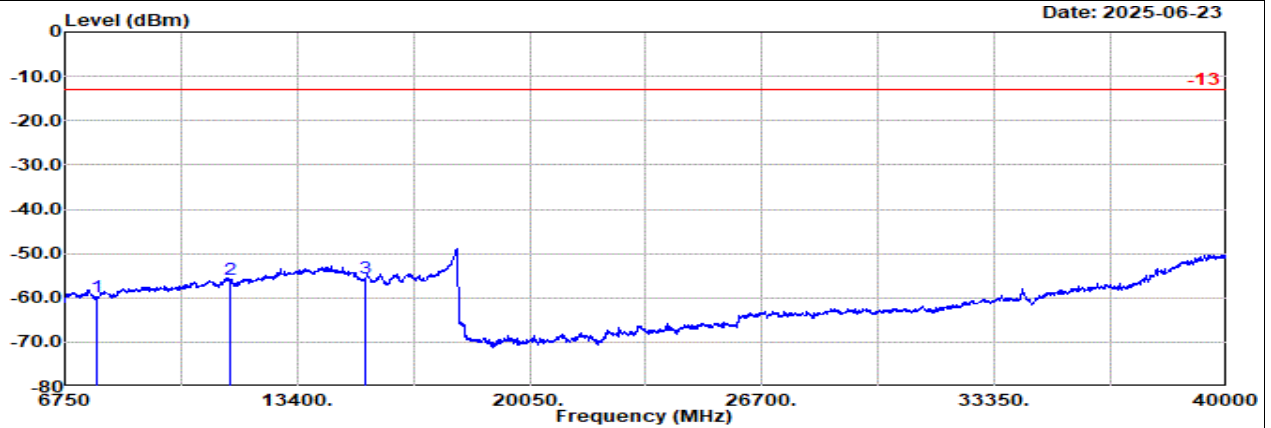


Tx0+1_ANT 3+1

Part 270 Mode 2

NR MIMO n77 PC1.5 20M Ch656000 1RB1 BPSK

M

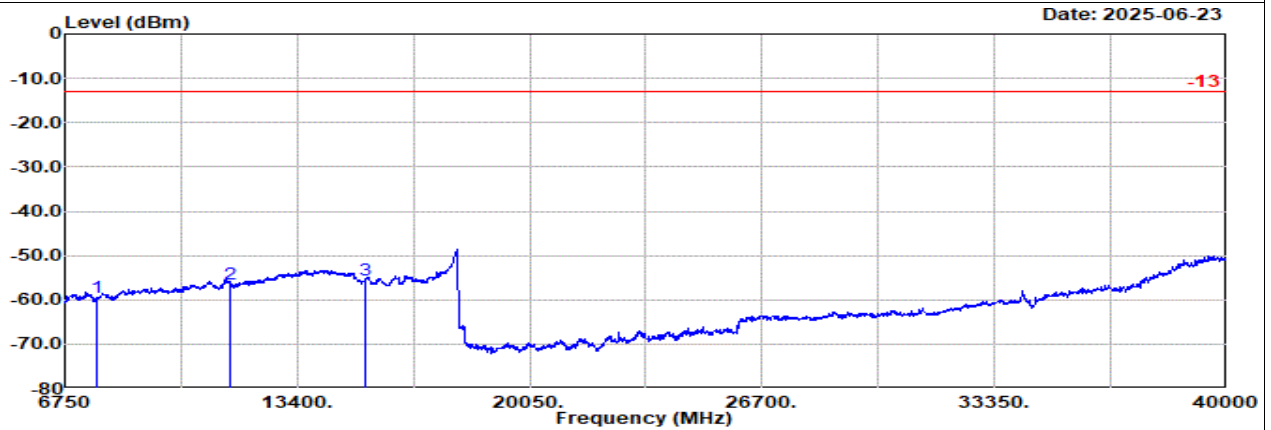


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: :NR Band 77 20M Ch656000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin		Pol
				Factor	1		dB	dB					
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	dB	
1	7663.00	-59.63	RMS		36.54	-53.41	0.56	-95.23	51.91	-13.00	-46.63		Horizontal
2	11494.00	-55.99	RMS		39.17	-50.70	0.27	-95.23	50.51	-13.00	-42.99		Horizontal
3	15325.00	-55.45	RMS		38.76	-48.75	0.08	-95.23	49.69	-13.00	-42.45		Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: :NR Band 77 20M Ch656000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin		Pol
				Factor	1		dB	dB					
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	dB	
1	7663.00	-59.57	RMS		36.54	-53.41	0.56	-95.23	51.97	-13.00	-46.57		Vertical
2	11494.00	-56.32	RMS		39.17	-50.70	0.27	-95.23	50.18	-13.00	-43.32		Vertical
3	15325.00	-55.59	RMS		38.73	-48.76	0.08	-95.23	49.59	-13.00	-42.59		Vertical

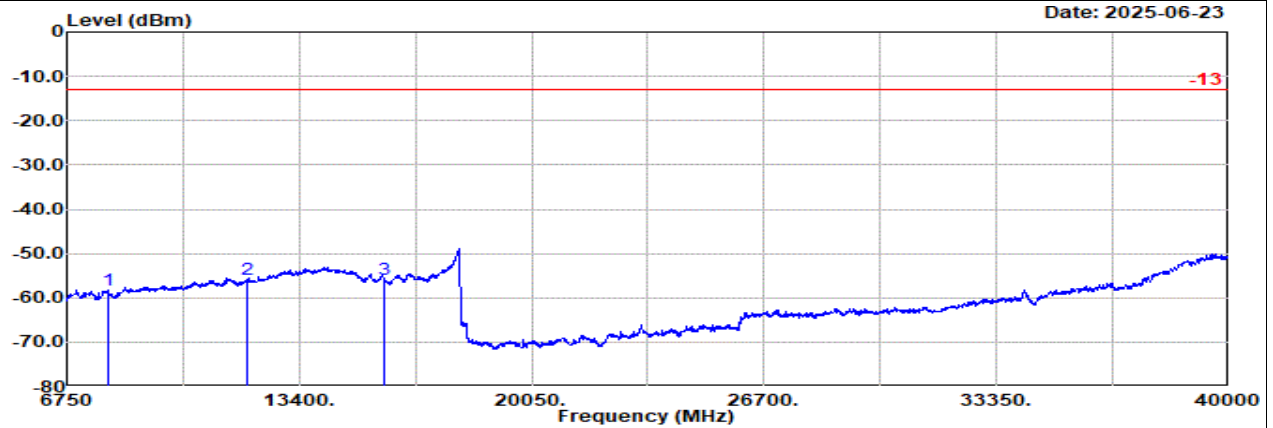


Tx0+1_ANT 3+1

Part 270 Mode 2

NR MIMO n77 PC1.5 20M Ch664666 1RB1 BPSK

H

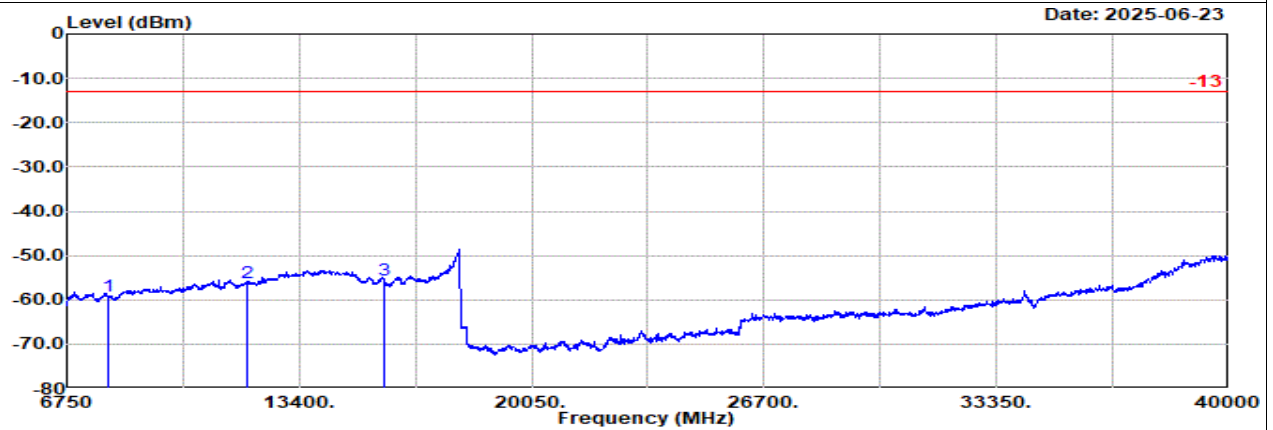


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch664666 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm							g	dBm	dB	
1	7922.00	-58.35	RMS	37.10	-53.47	0.34	-95.23	52.91	-13.00	-45.35	Horizontal	
2	11883.00	-55.82	RMS	38.83	-50.18	0.31	-95.23	50.45	-13.00	-42.82	Horizontal	
3	15845.00	-55.78	RMS	37.81	-48.36	0.10	-95.23	49.90	-13.00	-42.78	Horizontal	



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch664666 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm							g	dBm	dB	
1	7922.00	-59.05	RMS	37.10	-53.47	0.34	-95.23	52.21	-13.00	-46.05	Vertical	
2	11883.00	-56.16	RMS	38.83	-50.18	0.31	-95.23	50.11	-13.00	-43.16	Vertical	
3	15845.00	-55.61	RMS	37.81	-48.36	0.10	-95.23	50.07	-13.00	-42.61	Vertical	

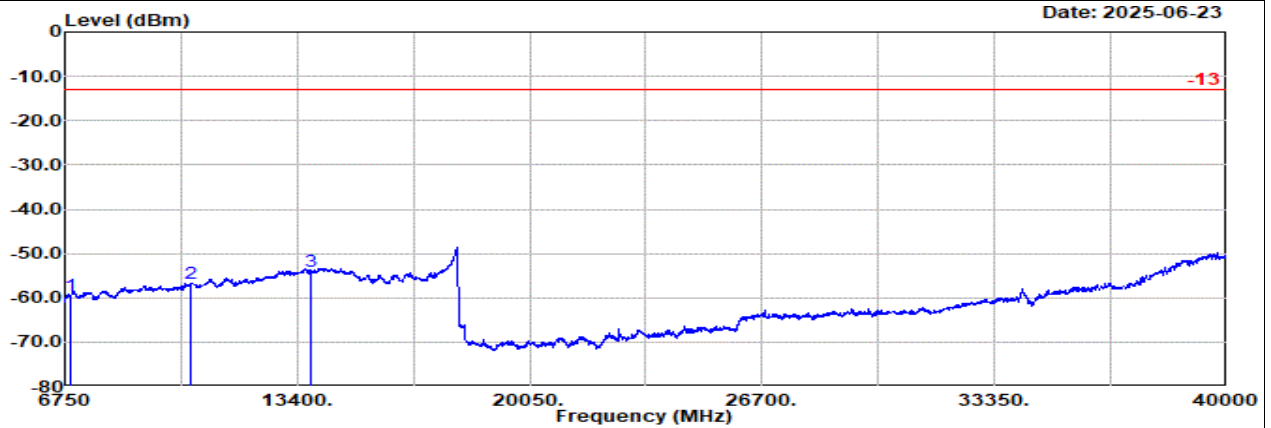


Tx0+1_ANT 3+1

Part 27Q Mode 3

NR MIMO n77 PC1.5 20M Ch630668 1RB1 BPSK

L

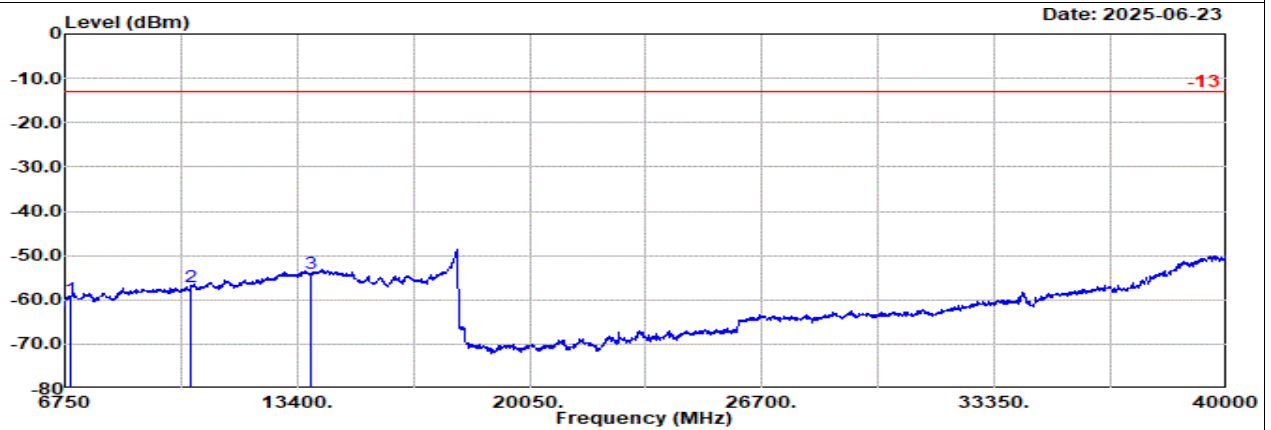


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin		Pol
				Factor	Amp\Cb		1						
	MHz	dBm					dB	dB	dBuV	dBm	dB		
1	6903.00	-59.32	RMS	36.09	-53.74	1.25	-95.23	52.31	-13.00	-46.32	Horizontal		
2	10354.00	-56.87	RMS	38.71	-52.33	0.16	-95.23	51.82	-13.00	-43.87	Horizontal		
3	13805.00	-53.95	RMS	40.31	-48.60	0.07	-95.23	49.50	-13.00	-40.95	Horizontal		



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch630668 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin		Pol
				Factor	Amp\Cb		1						
	MHz	dBm					dB	dB	dBuV	dBm	dB		
1	6903.00	-59.71	RMS	36.09	-53.74	1.25	-95.23	51.92	-13.00	-46.71	Vertical		
2	10354.00	-57.15	RMS	38.71	-52.33	0.16	-95.23	51.54	-13.00	-44.15	Vertical		
3	13805.00	-53.95	RMS	40.31	-48.60	0.07	-95.23	49.50	-13.00	-40.95	Vertical		

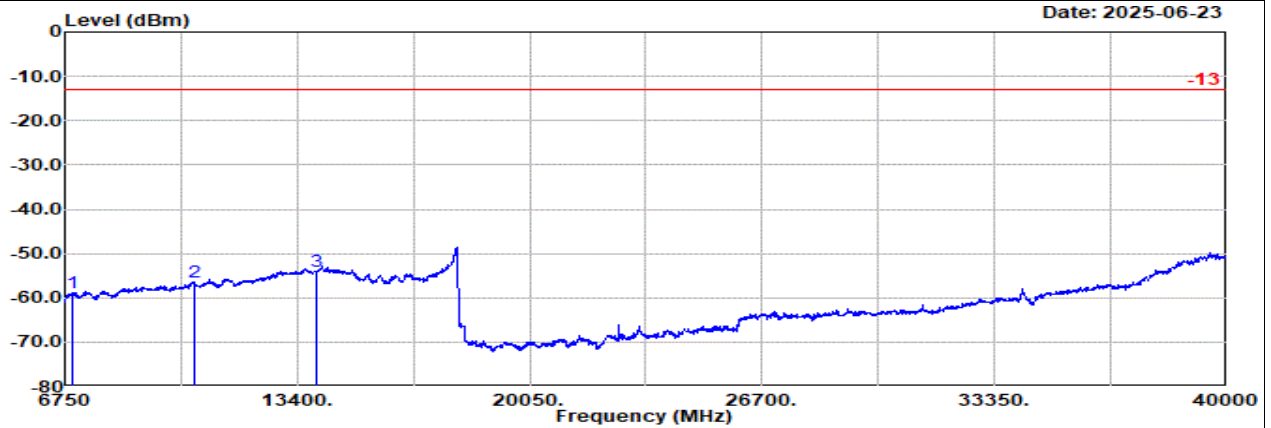


Tx0+1_ANT 3+1

Part 27Q Mode 3

NR MIMO n77 PC1.5 20M Ch6333334 1RB1 BPSK

M

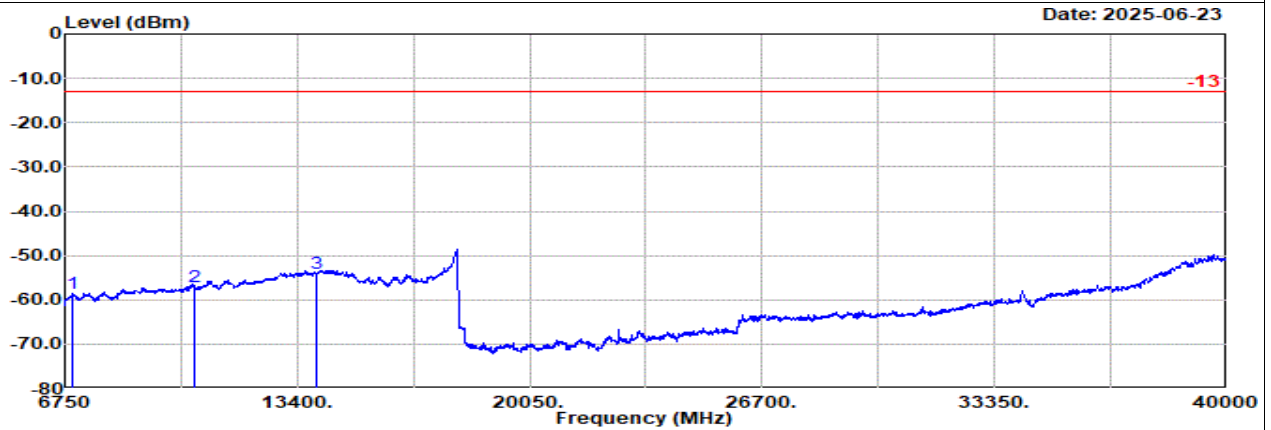


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch6333334 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1	6983.00	-58.81	RMS	36.07	-53.66	0.99	-95.23	53.02	-13.00	-45.81	Horizontal	
2	10474.00	-56.60	RMS	38.65	-52.18	0.17	-95.23	51.99	-13.00	-43.60	Horizontal	
3	13965.00	-54.02	RMS	40.63	-48.41	0.04	-95.23	48.95	-13.00	-41.02	Horizontal	



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch6333334 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm		dB/m	dB	dB	dB	dB	dBuV	dBm	dB	
1	6983.00	-58.64	RMS	36.07	-53.66	0.99	-95.23	53.19	-13.00	-45.64	Vertical	
2	10474.00	-56.92	RMS	38.65	-52.18	0.17	-95.23	51.67	-13.00	-43.92	Vertical	
3	13965.00	-54.03	RMS	40.63	-48.41	0.04	-95.23	48.94	-13.00	-41.03	Vertical	

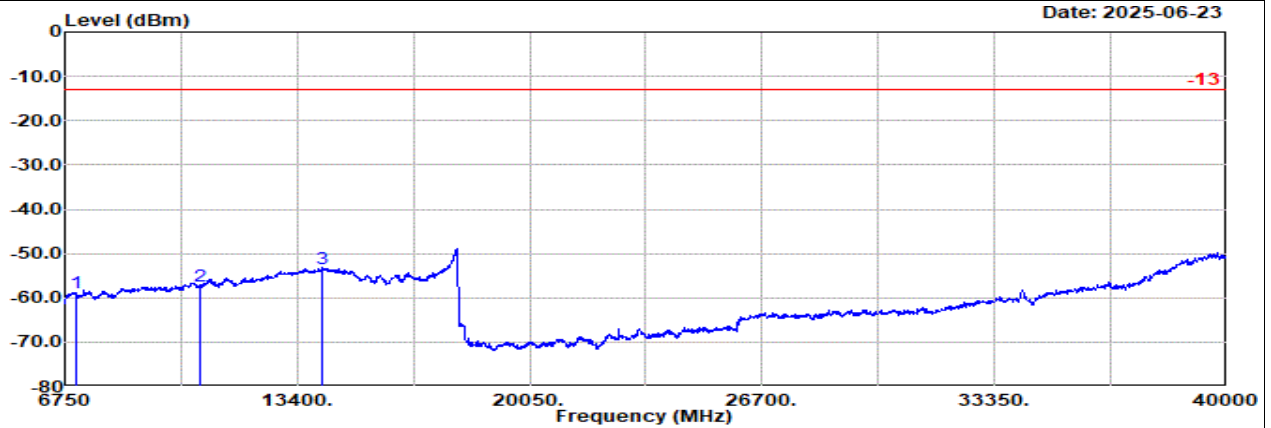


Tx0+1_ANT 3+1

Part 27Q Mode 3

NR MIMO n77 PC1.5 20M Ch636000 1RB1 BPSK

H

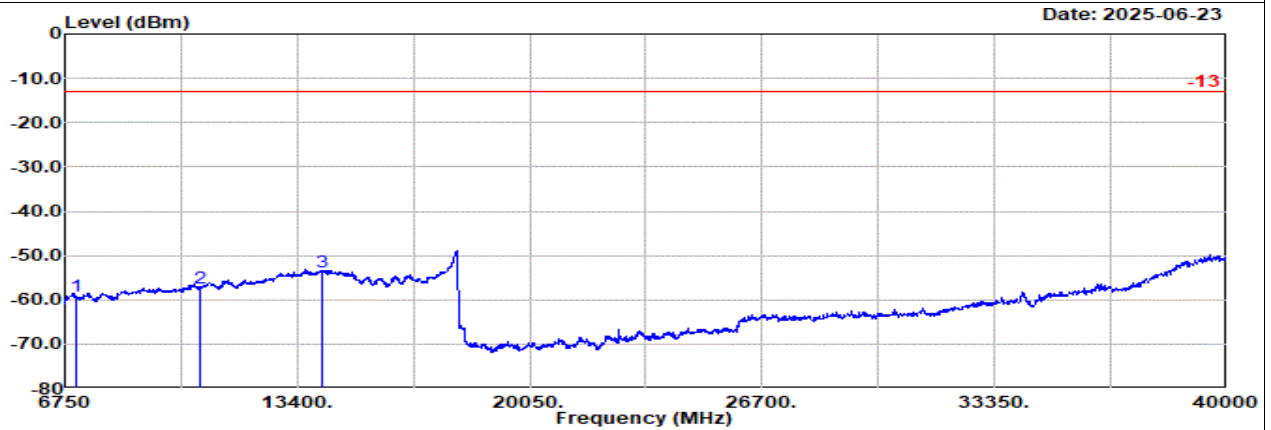


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Horizontal

: NR Band 77 20M Ch636000 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm					dB	dB	dBuV	dBm	dB	
1	7063.00	-58.88	RMS	36.38	-53.61	0.86	-95.23	52.72	-13.00	-45.88	Horizontal	
2	10594.00	-57.43	RMS	39.05	-52.05	0.18	-95.23	50.62	-13.00	-44.43	Horizontal	
3	14125.00	-53.47	RMS	40.90	-48.15	0.04	-95.23	48.97	-13.00	-40.47	Horizontal	



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-240711 Vertical

: NR Band 77 20M Ch636000 1RB1 BPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm					dB	dB	dBuV	dBm	dB	
1	7063.00	-59.08	RMS	36.38	-53.61	0.86	-95.23	52.52	-13.00	-46.08	Vertical	
2	10594.00	-57.38	RMS	39.05	-52.05	0.18	-95.23	50.67	-13.00	-44.38	Vertical	
3	14125.00	-53.59	RMS	40.90	-48.15	0.04	-95.23	48.85	-13.00	-40.59	Vertical	

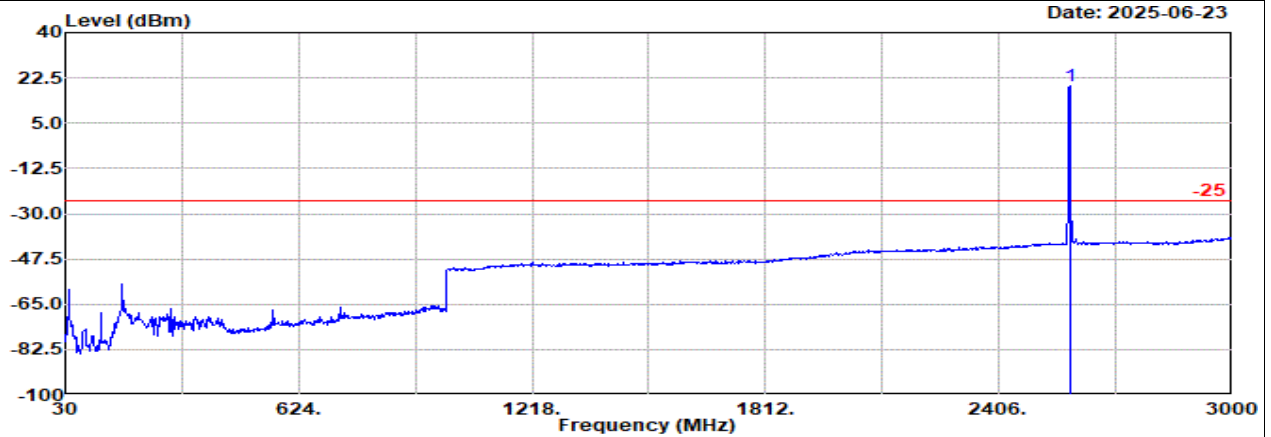


Tx0+1_ANT 2+0

Part 27M Mode 1

NR SA n41 MIMO 20M Ch518598 1RB1 BPSK

M



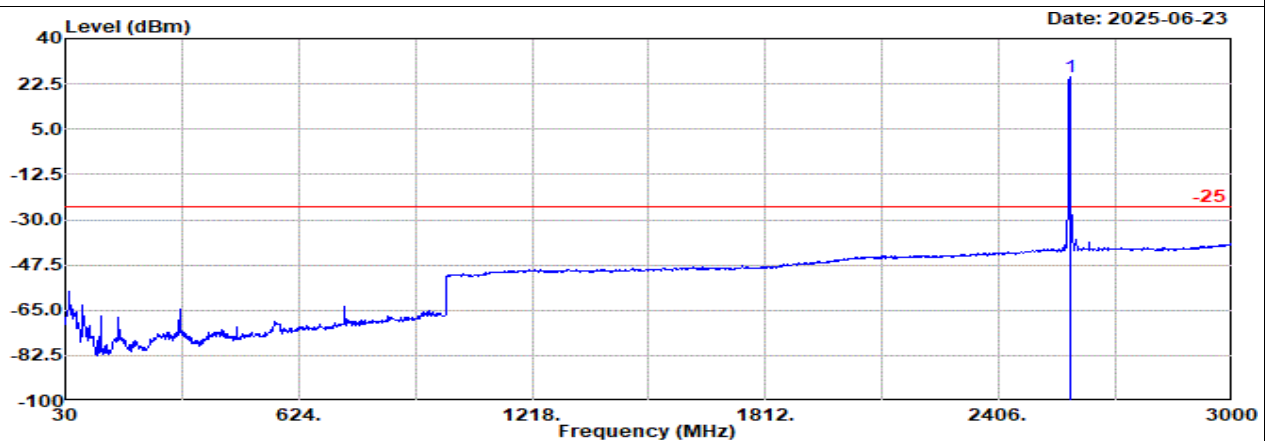
Site : 03CH12-HY

Condition: -25 3m Bilog_37059_20241127 Horizontal

: NR SA n41 20M Ch518598 1RB1 BPSK

: #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	2586.00	19.49	RMS	28.44	7.05	0.00	-95.23	79.23	-25.00	44.49 Horizontal



Site : 03CH12-HY

Condition: -25 3m Bilog_37059_20241127 Vertical

: NR SA n41 20M Ch518598 1RB1 BPSK

: #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	2586.00	25.33	RMS	28.44	7.05	0.00	-95.23	85.07	-25.00	50.33 Vertical

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

—THE END—