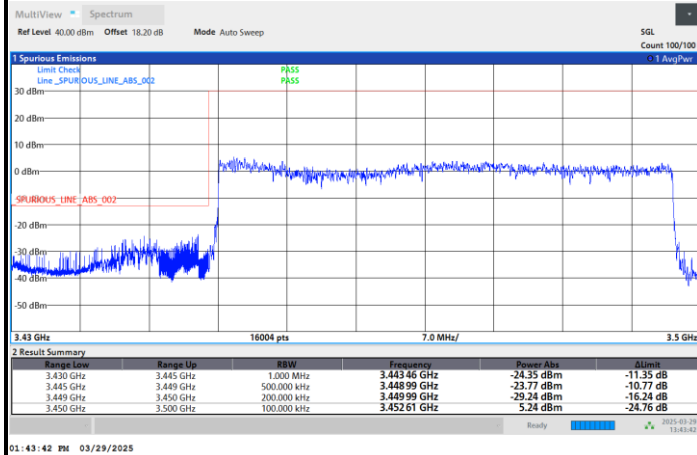


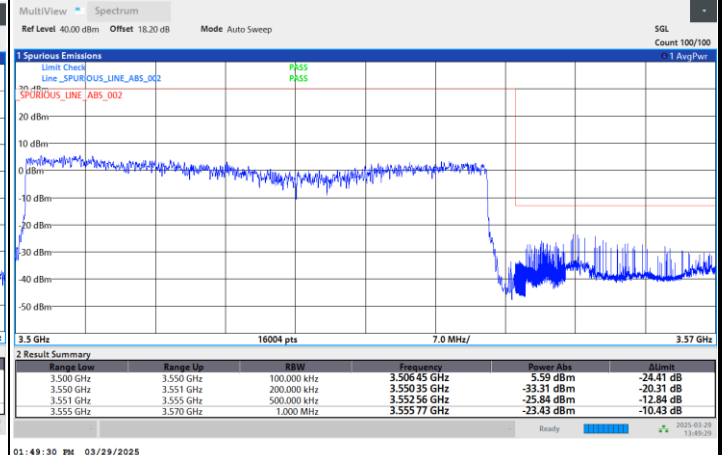


FR1 n77 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

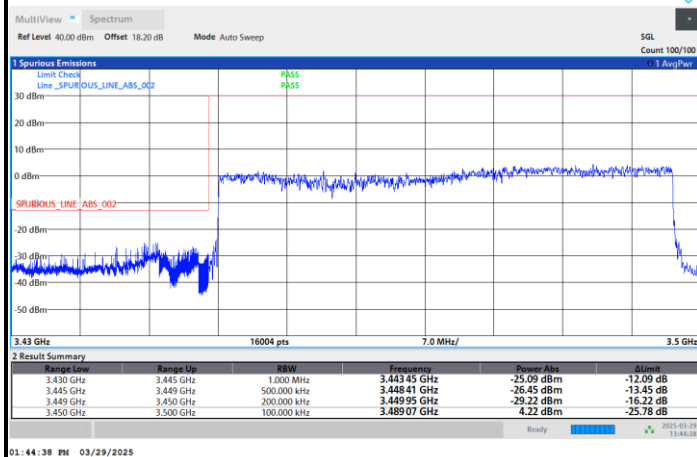


Highest Band Edge / Full RB

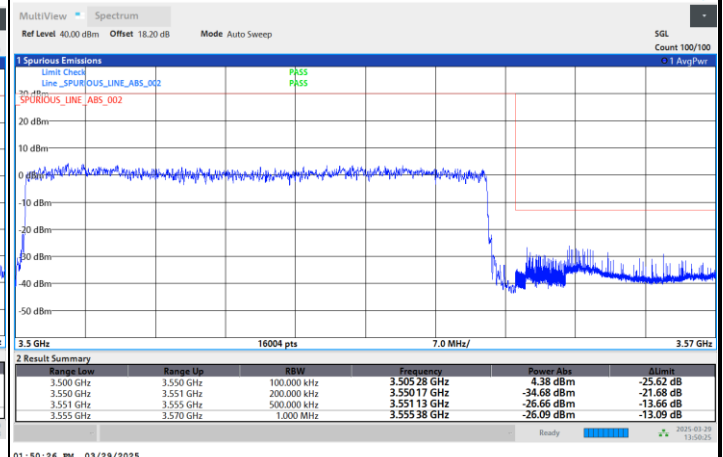


FR1 n77 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



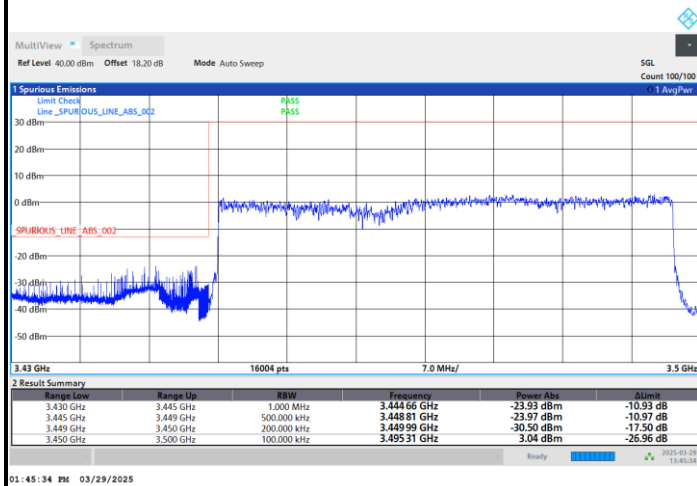
Highest Band Edge / Full RB



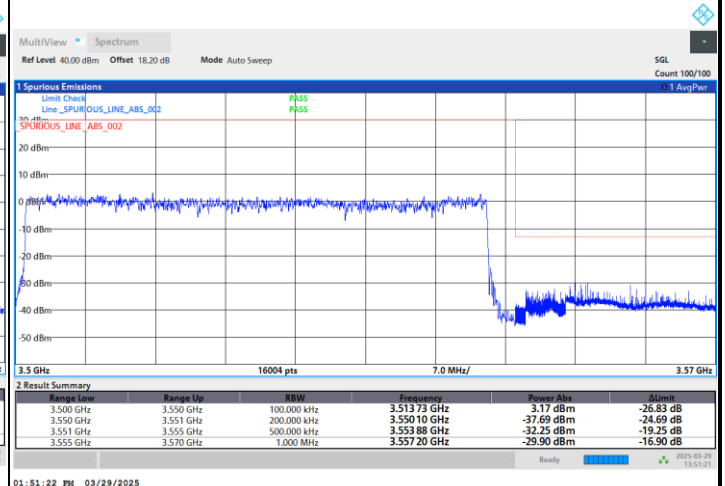


FR1 n77 / 50MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

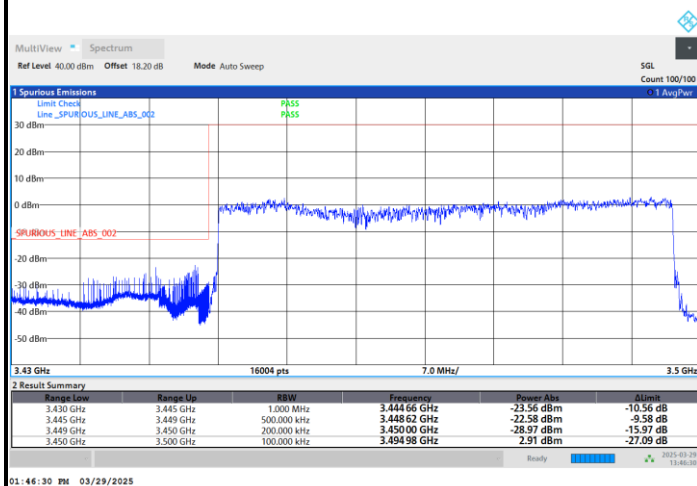


Highest Band Edge / Full RB

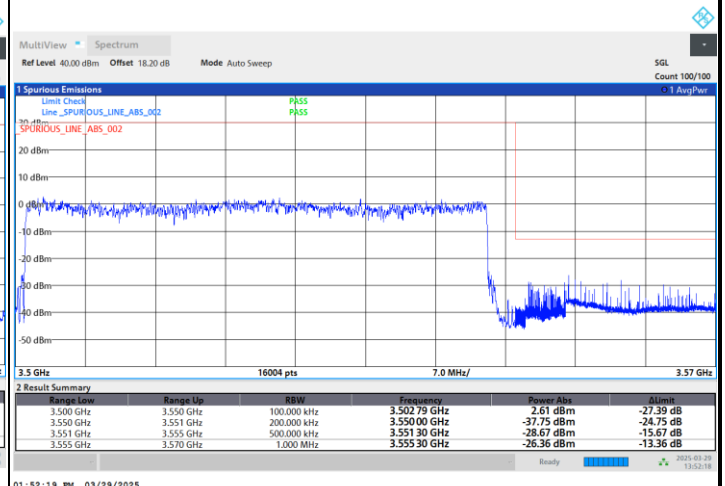


FR1 n77 / 50MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



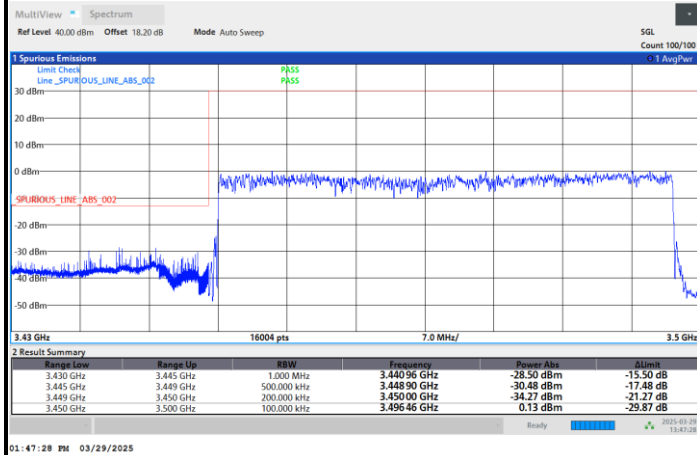
Highest Band Edge / Full RB



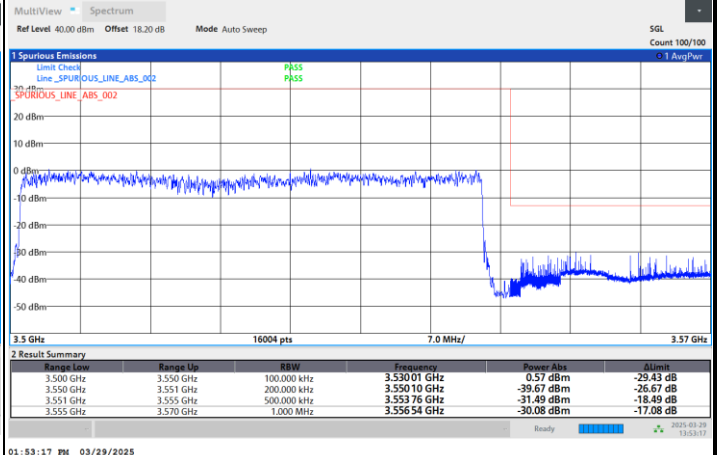


FR1 n77 / 50MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

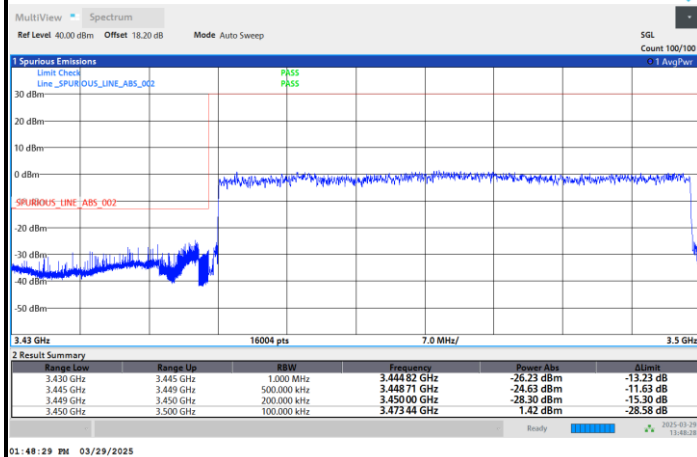


Highest Band Edge / Full RB

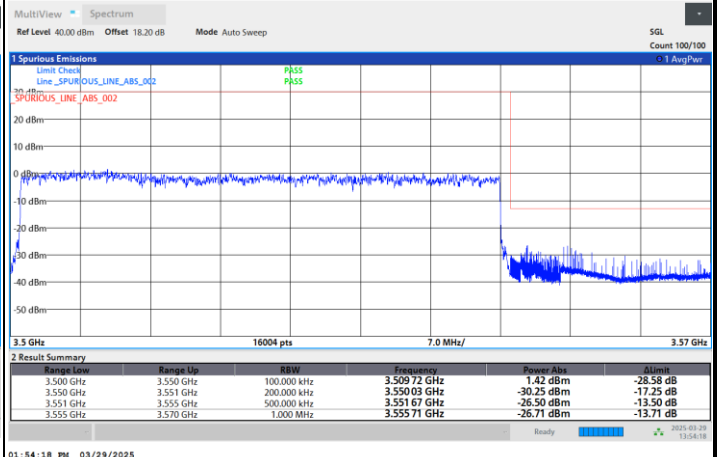


FR1 n77 / 50MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



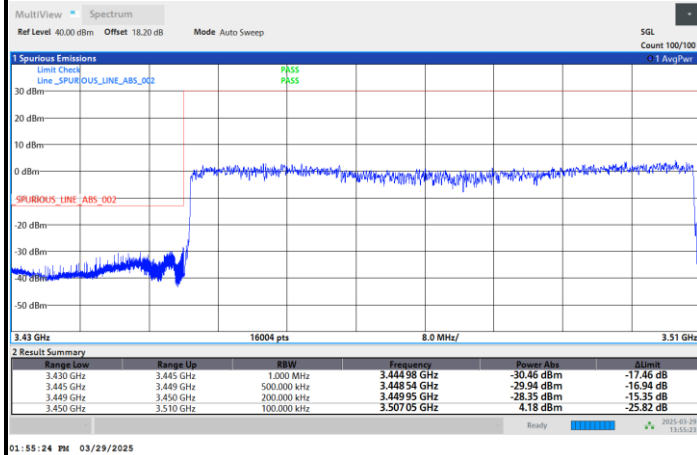
Highest Band Edge



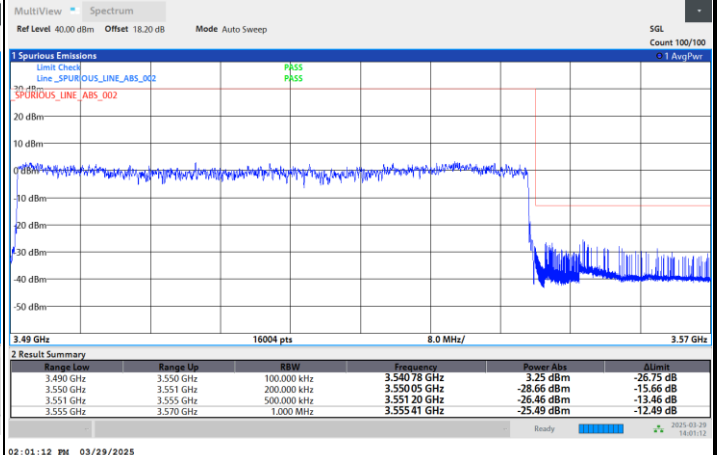


FR1 n77 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

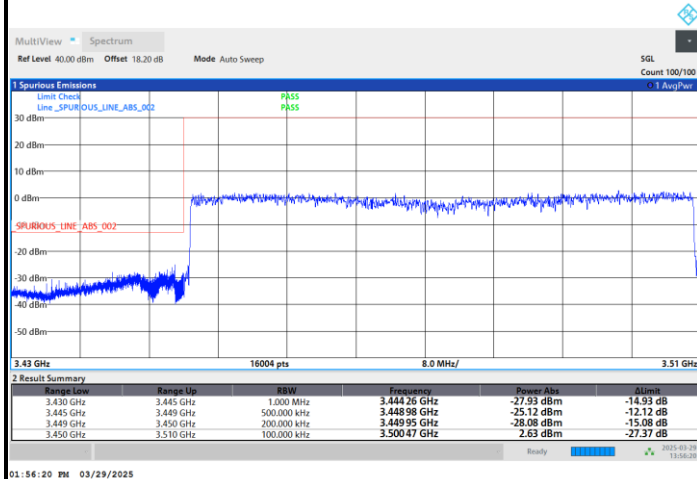


Highest Band Edge / Full RB

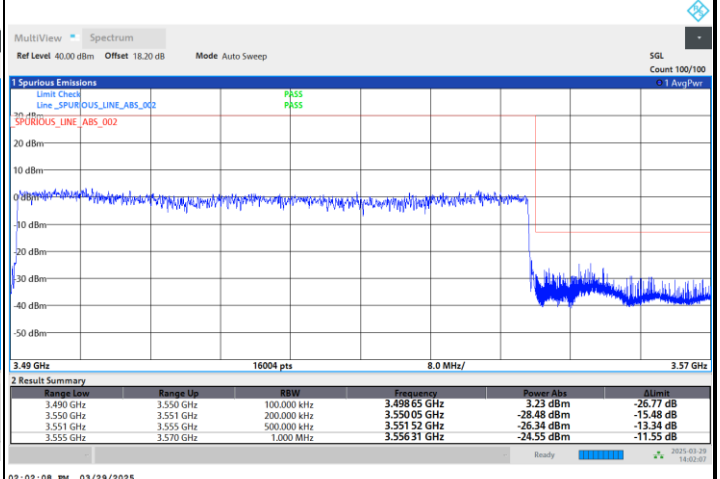


FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



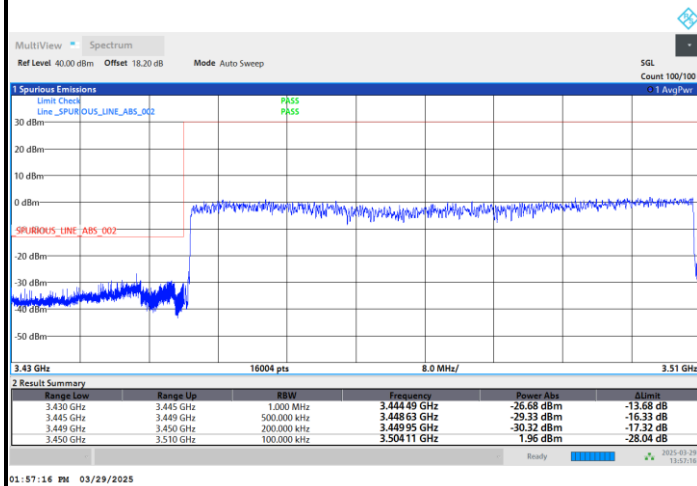
Highest Band Edge / Full RB



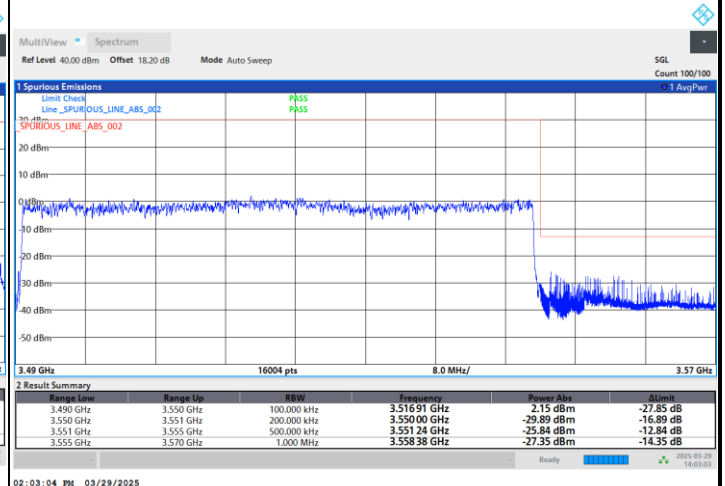


FR1 n77 / 60MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

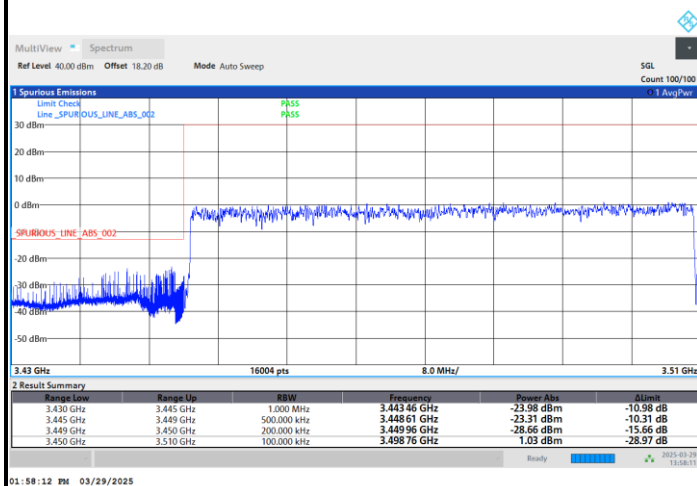


Highest Band Edge / Full RB

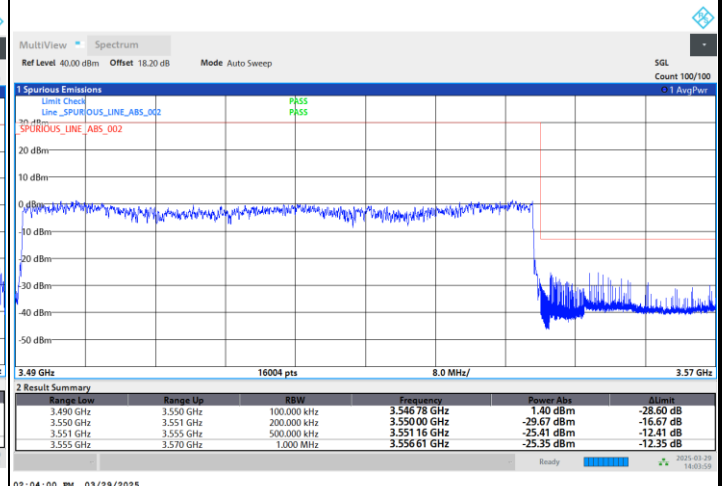


FR1 n77 / 60MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



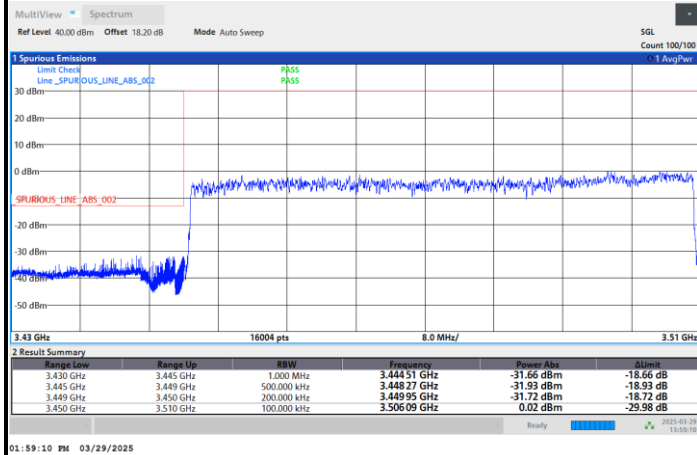
Highest Band Edge / Full RB



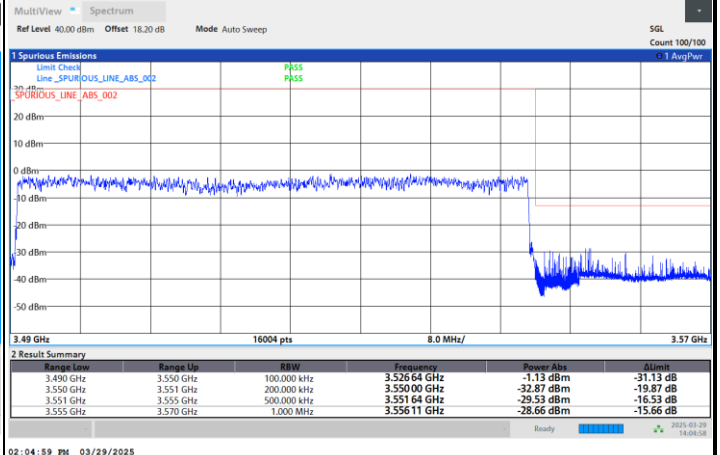


FR1 n77 / 60MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

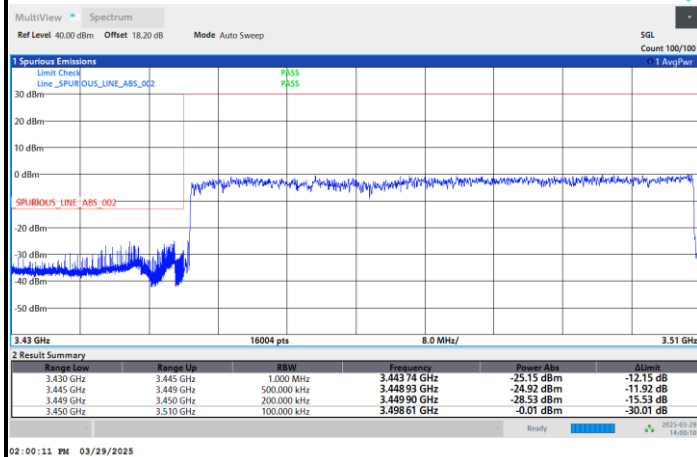


Highest Band Edge / Full RB

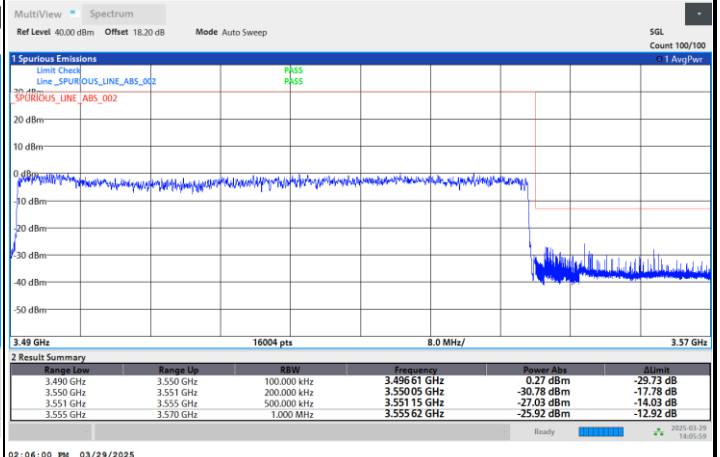


FR1 n77 / 60MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



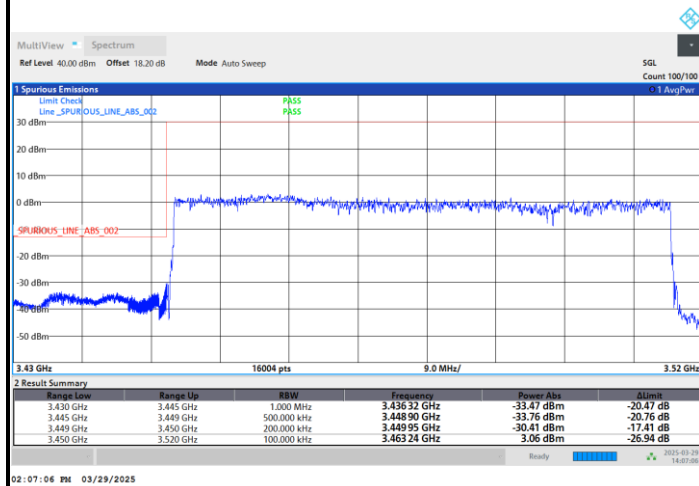
Highest Band Edge



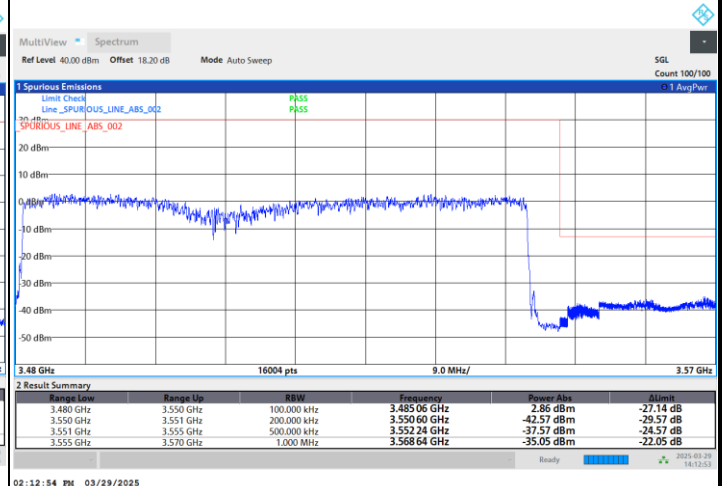


FR1 n77 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

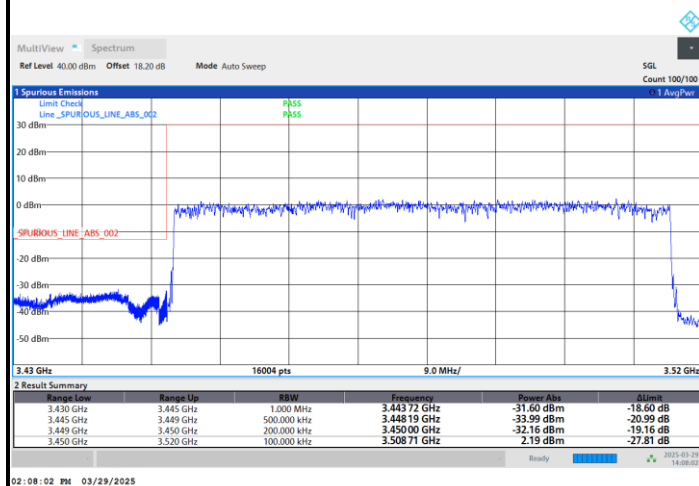


Highest Band Edge / Full RB

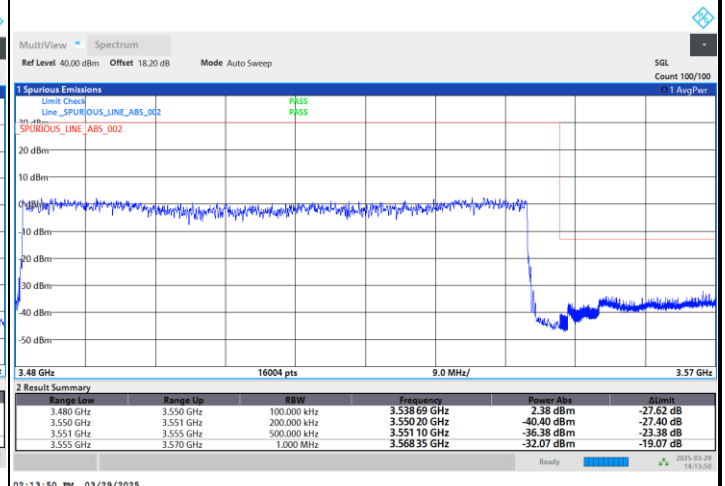


FR1 n77 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



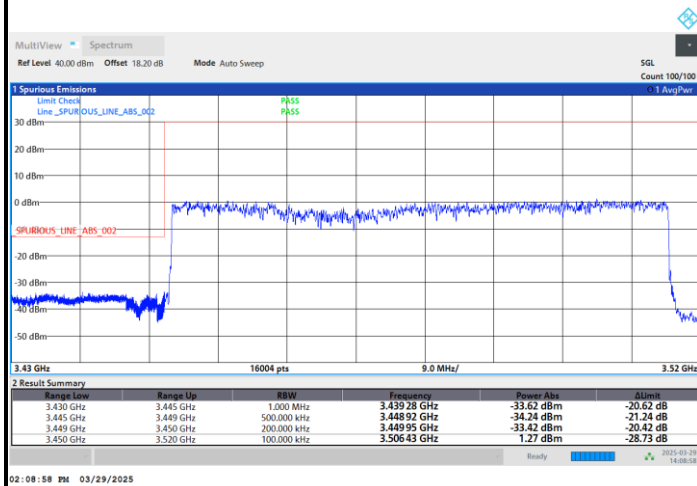
Highest Band Edge / Full RB



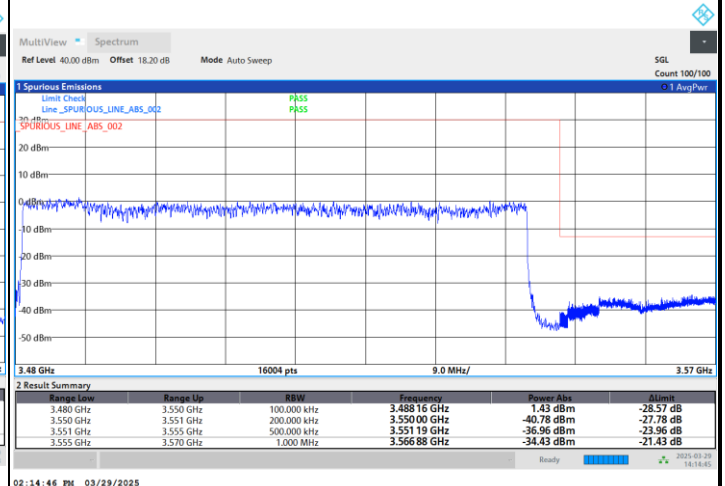


FR1 n77 / 70MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

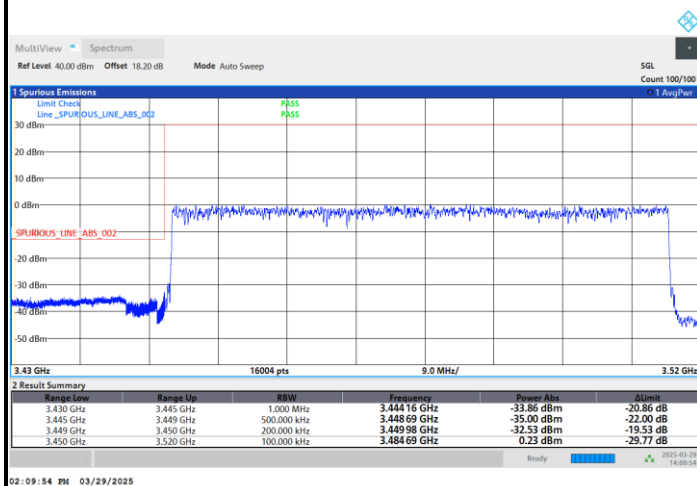


Highest Band Edge / Full RB

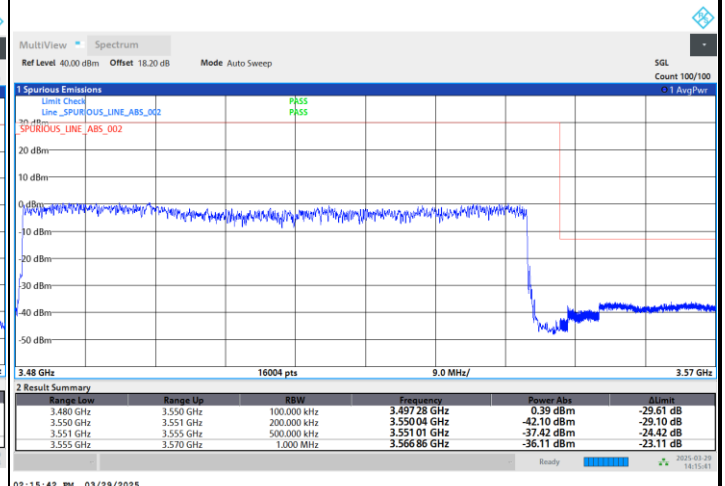


FR1 n77 / 70MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



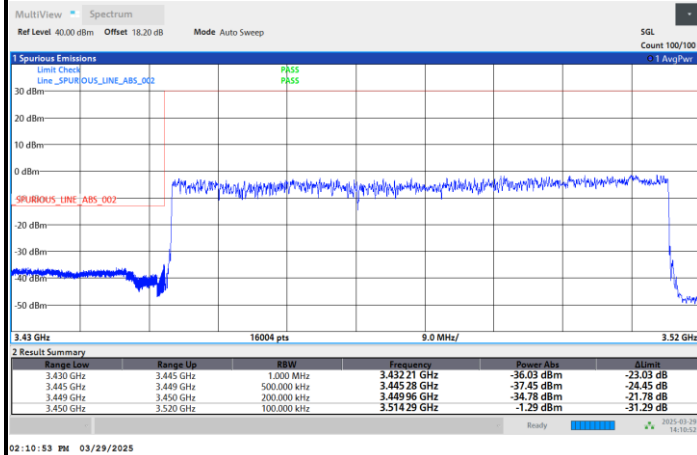
Highest Band Edge / Full RB



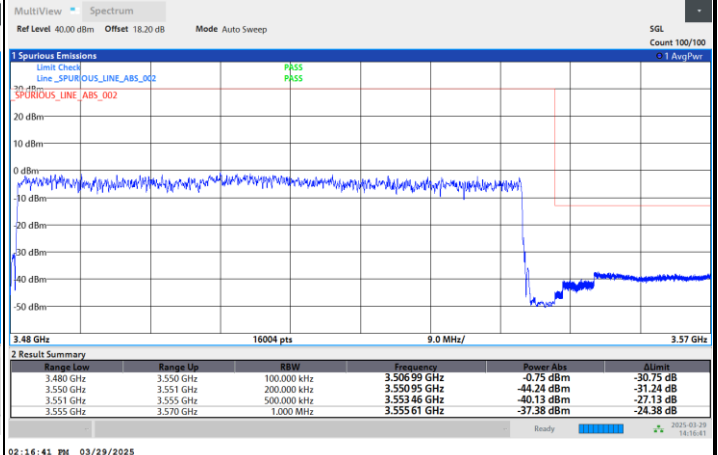


FR1 n77 / 70MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

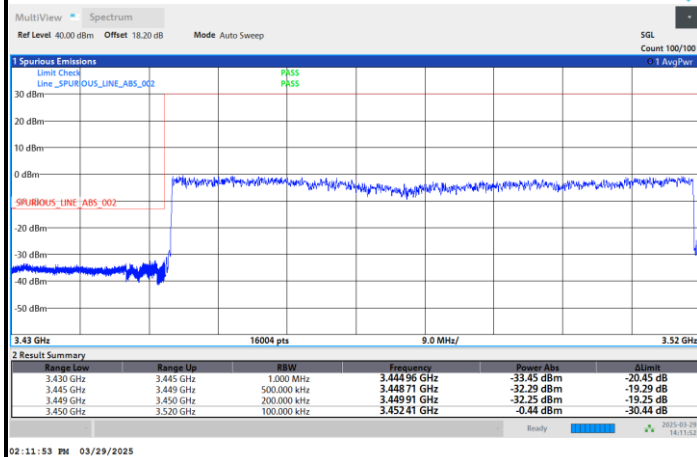


Highest Band Edge / Full RB

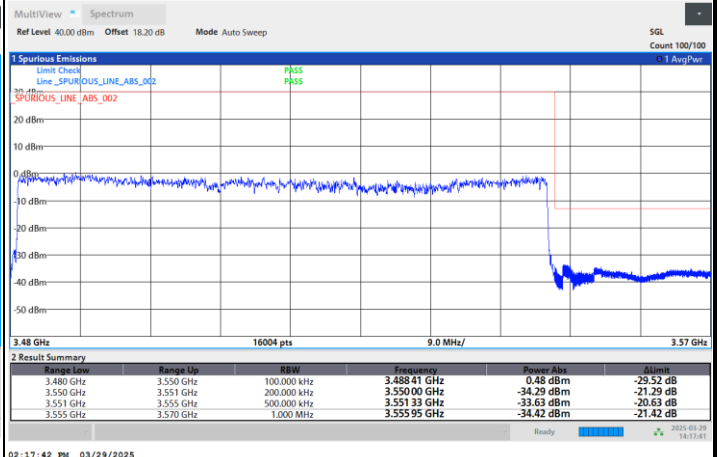


FR1 n77 / 70MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



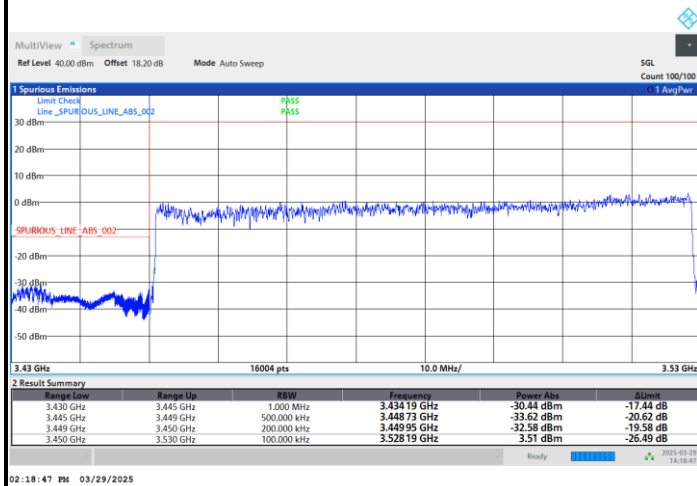
Highest Band Edge



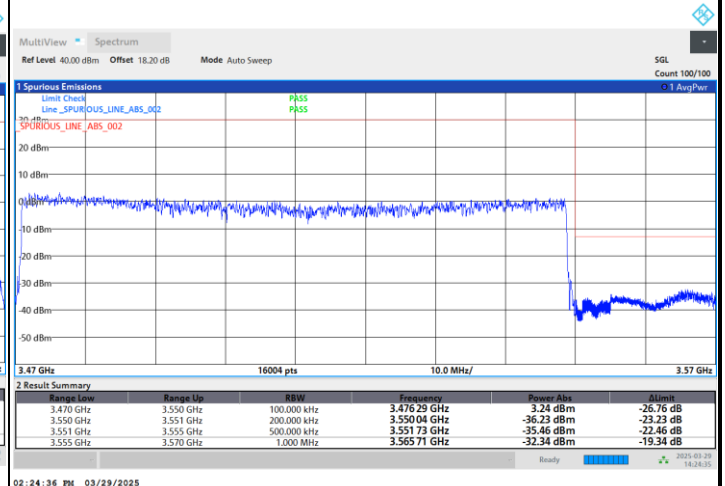


FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

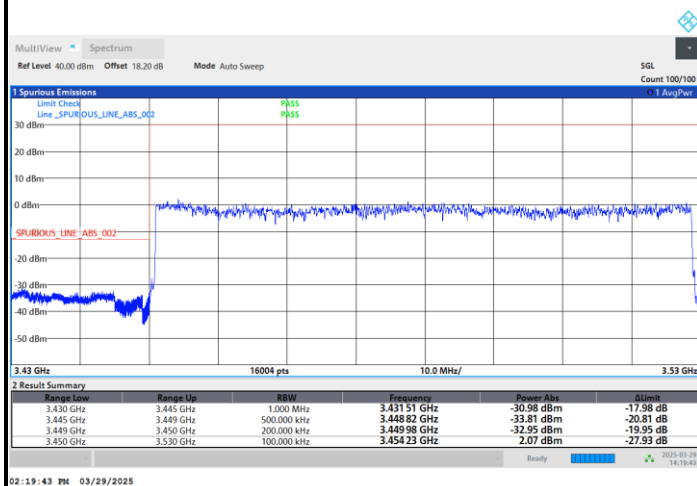


Highest Band Edge / Full RB

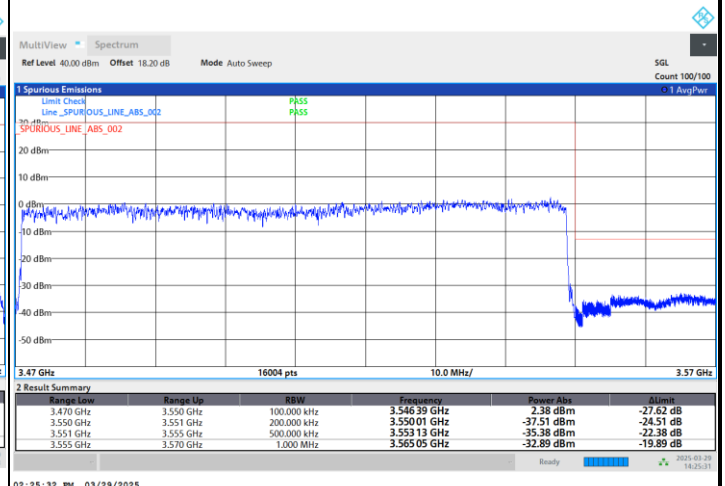


FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



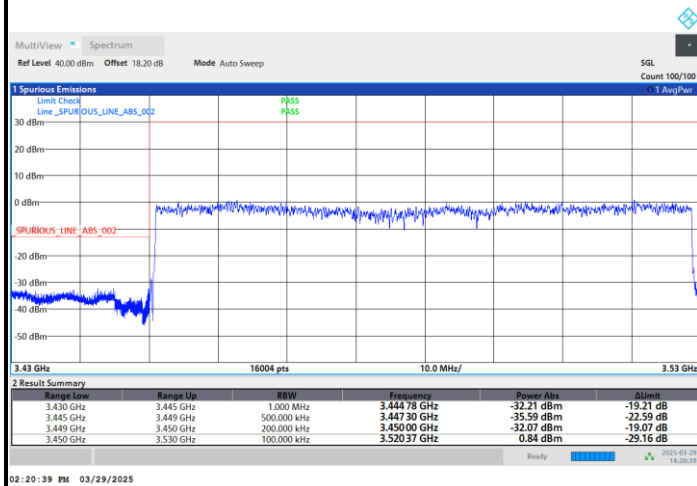
Highest Band Edge / Full RB



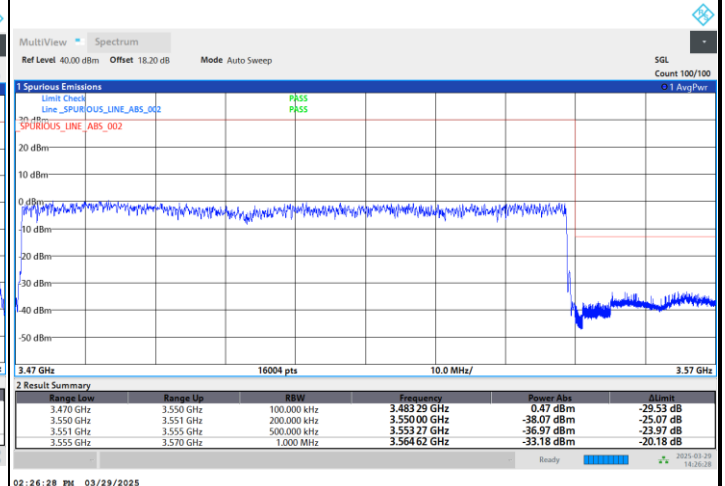


FR1 n77 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

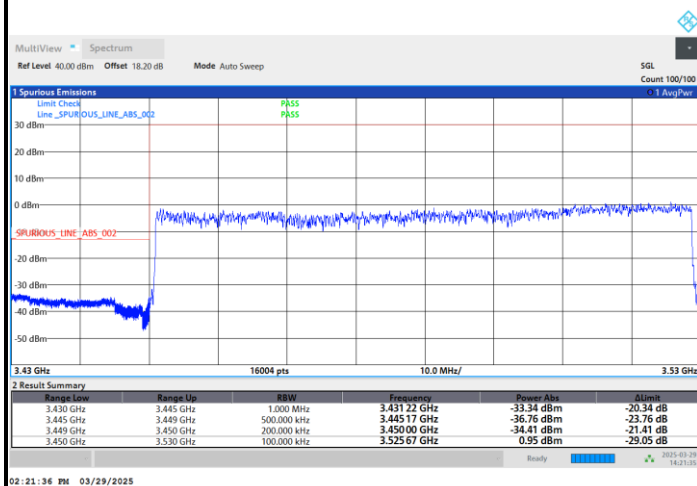


Highest Band Edge / Full RB

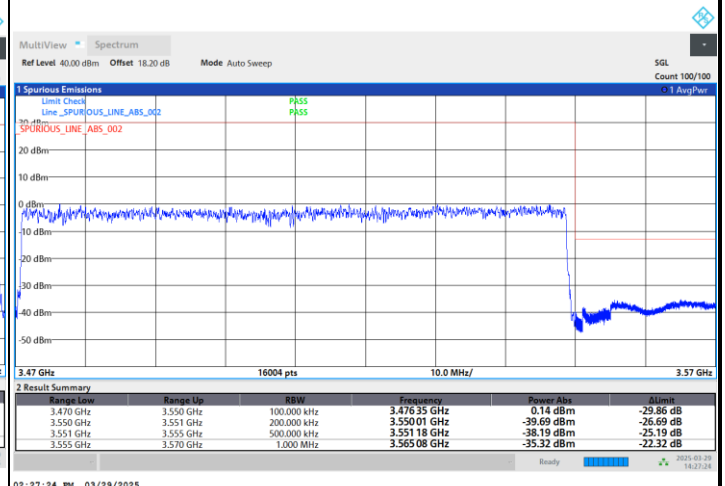


FR1 n77 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



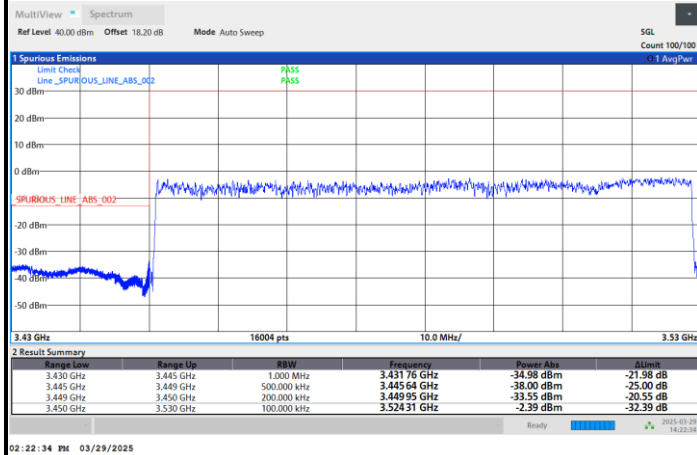
Highest Band Edge / Full RB



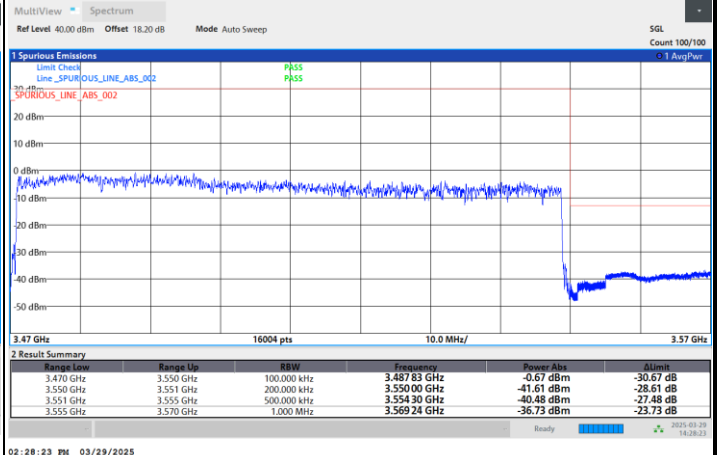


FR1 n77 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

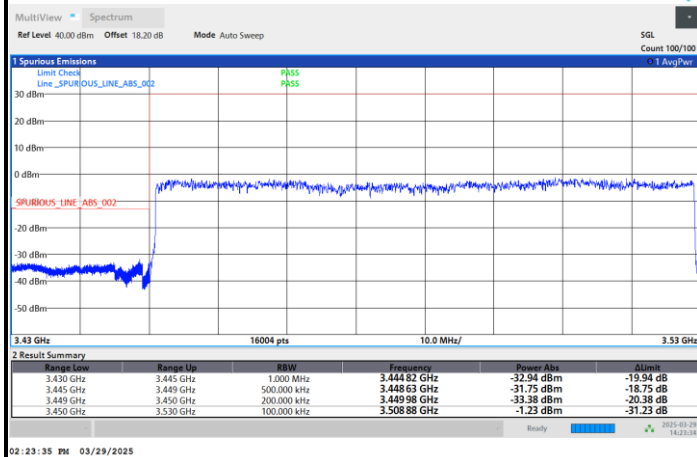


Highest Band Edge / Full RB

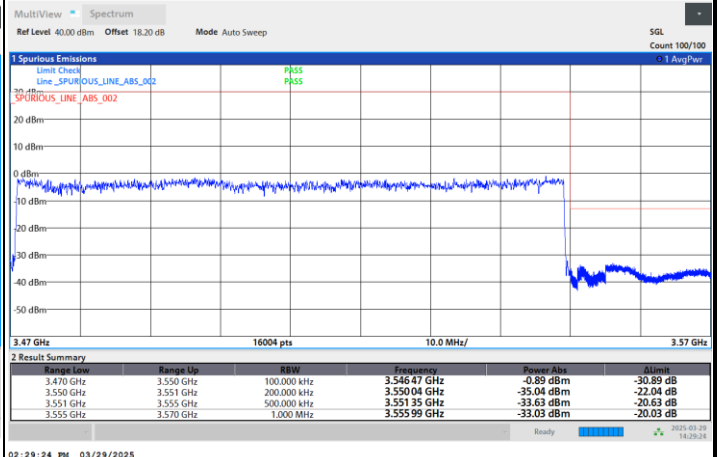


FR1 n77 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



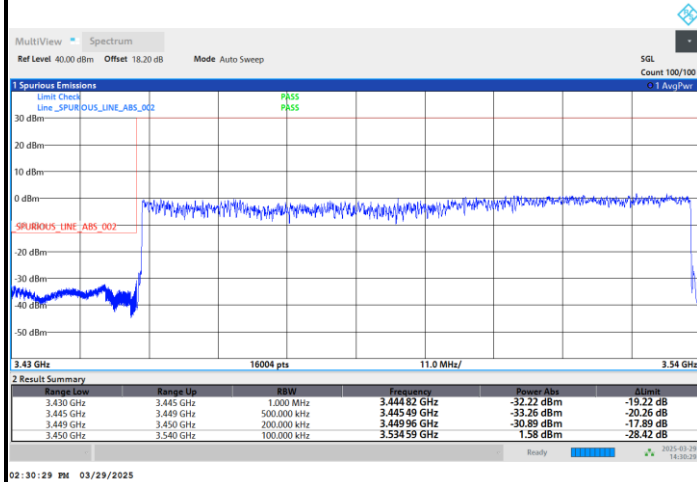
Highest Band Edge



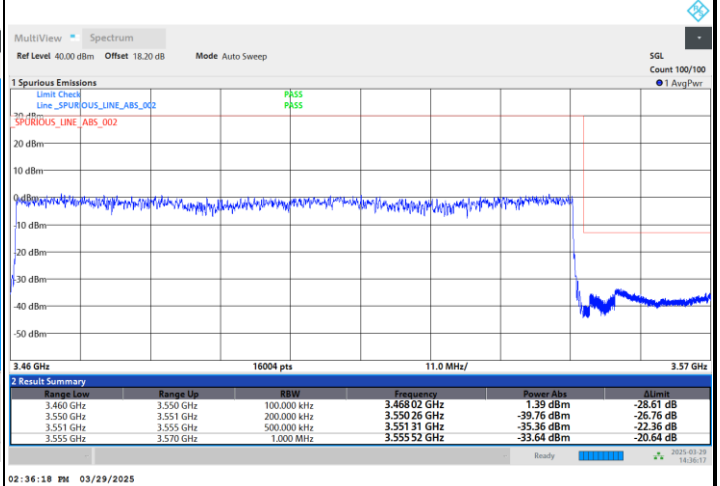


FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

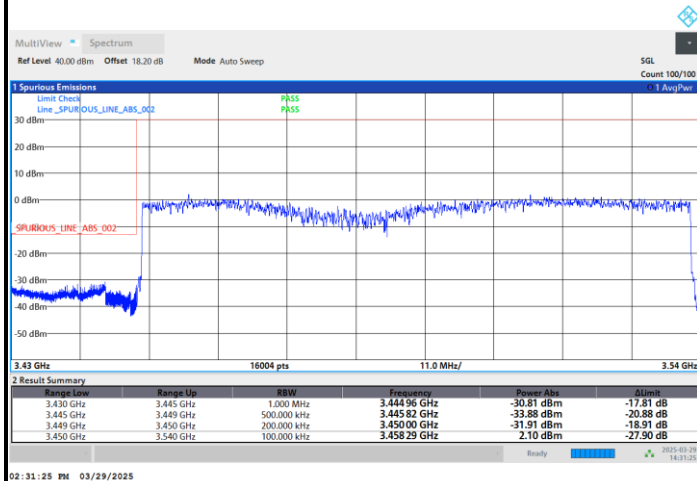


Highest Band Edge / Full RB

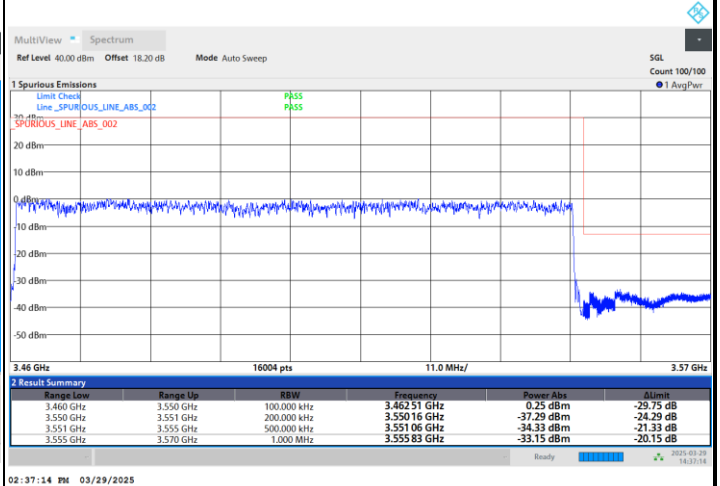


FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



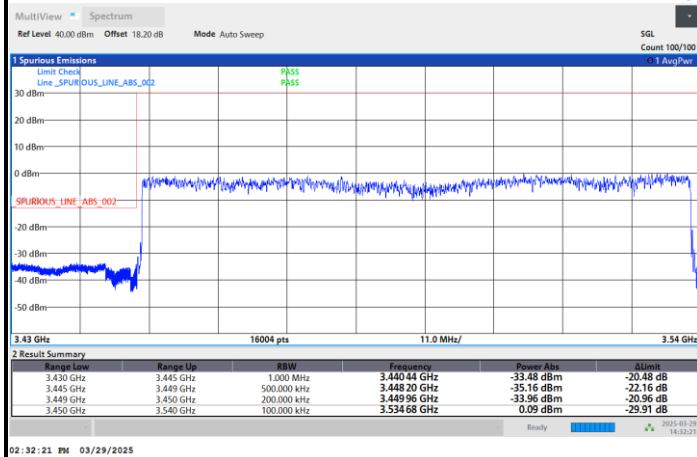
Highest Band Edge / Full RB



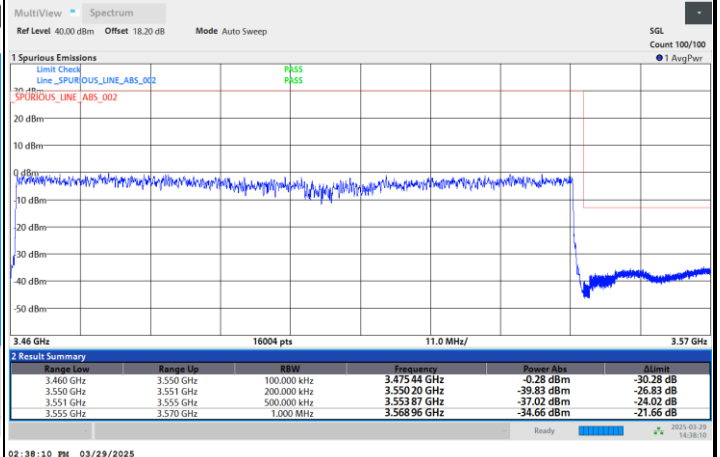


FR1 n77 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

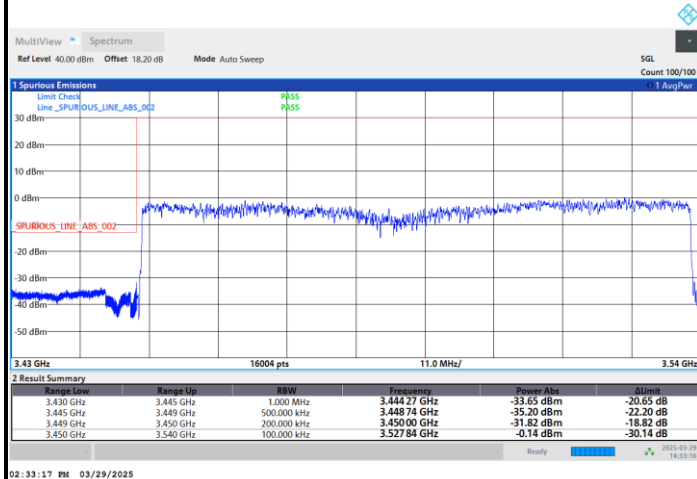


Highest Band Edge / Full RB

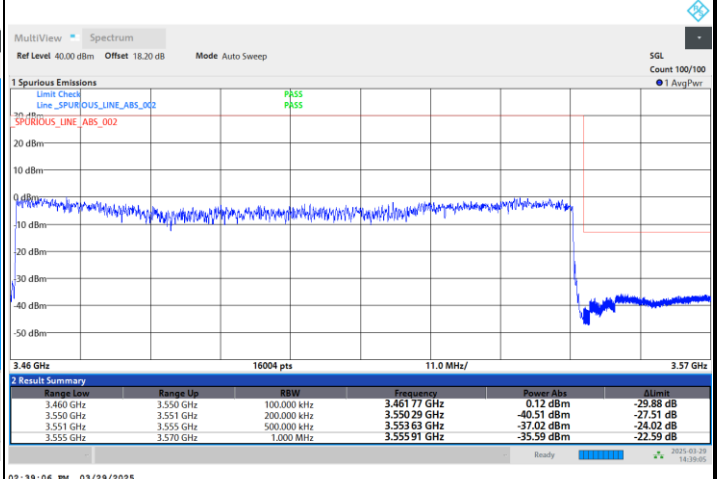


FR1 n77 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



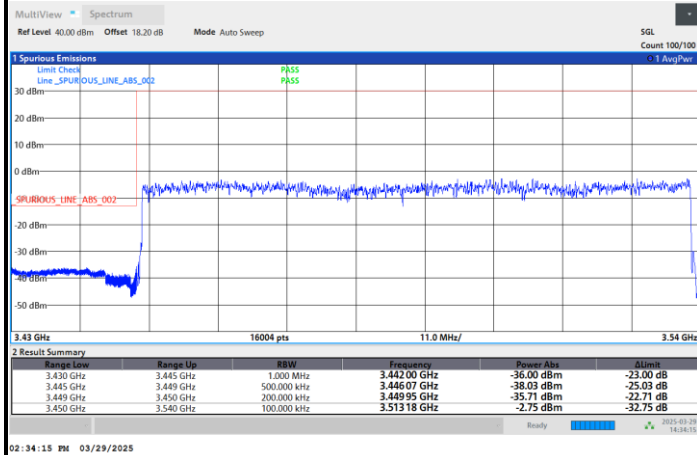
Highest Band Edge / Full RB



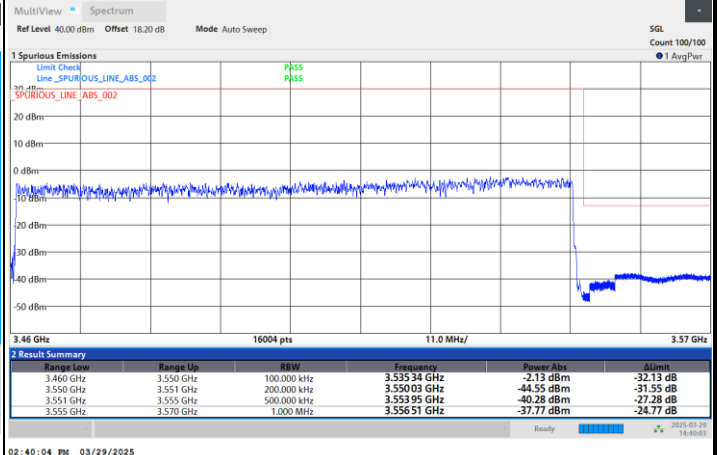


FR1 n77 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

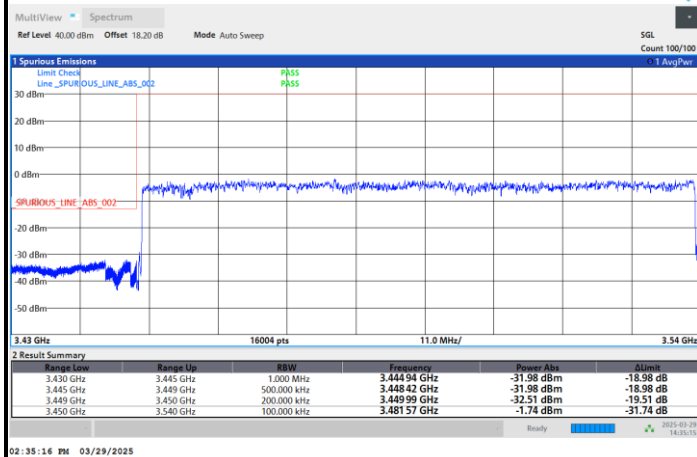


Highest Band Edge / Full RB

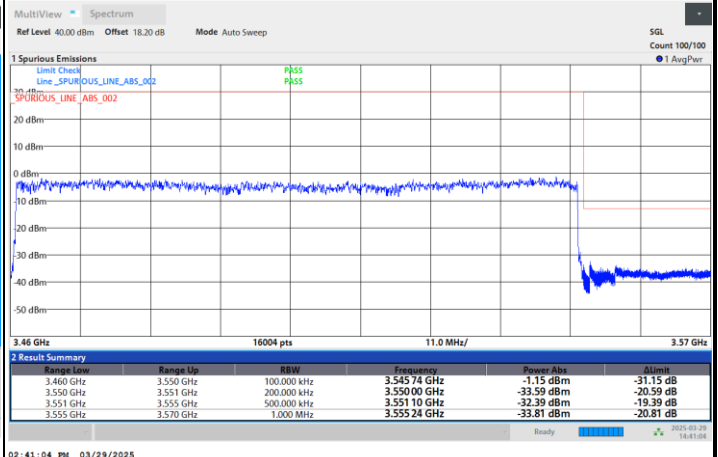


FR1 n77 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



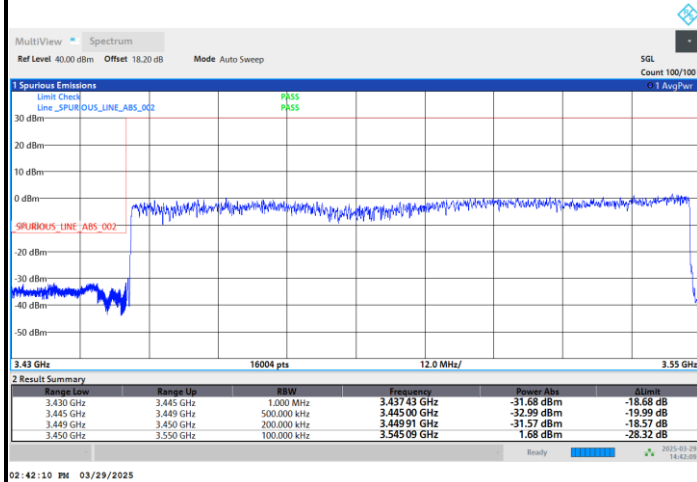
Highest Band Edge



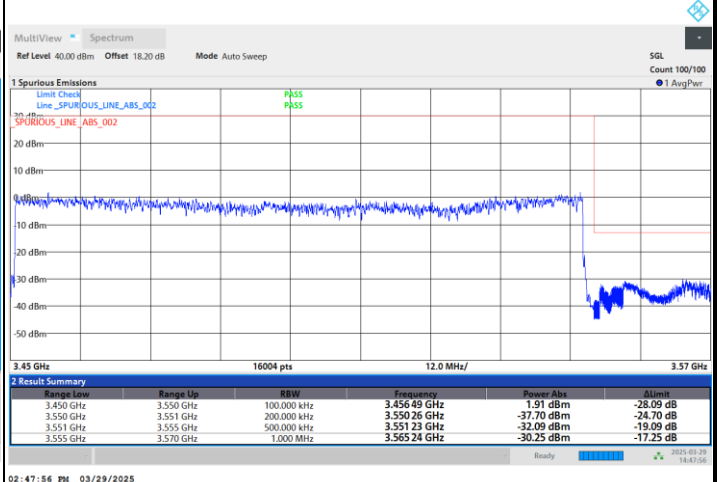


FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

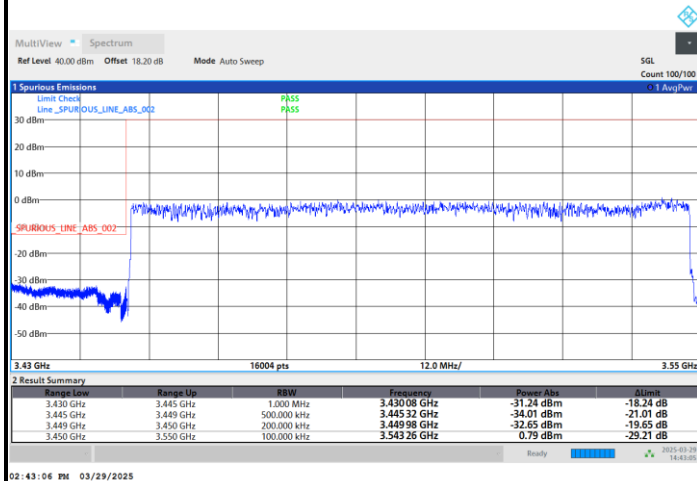


Highest Band Edge / Full RB

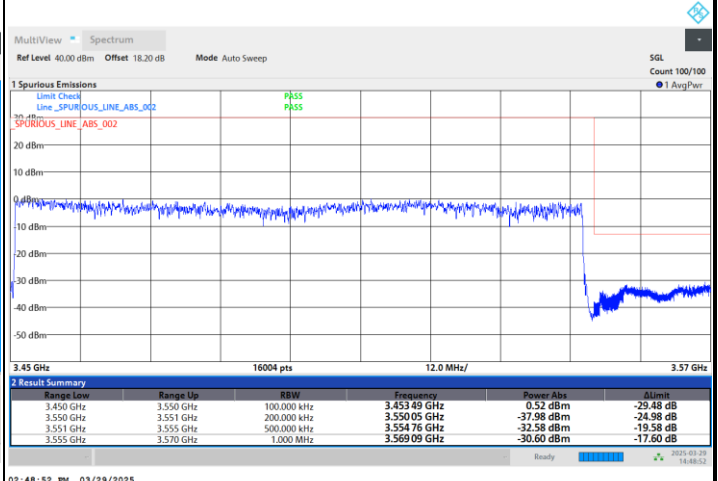


FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



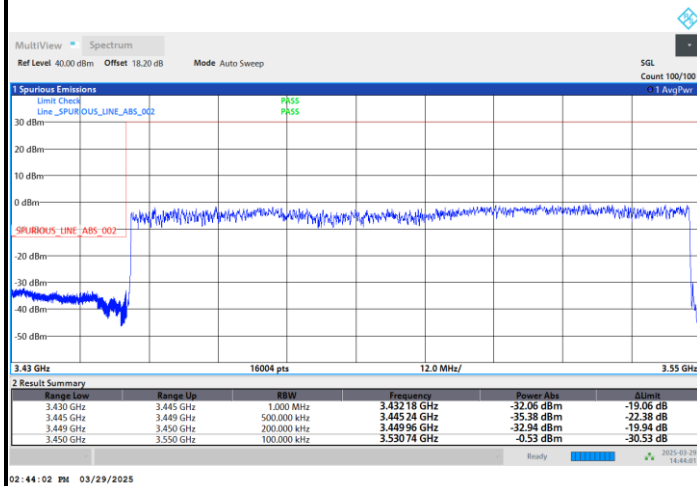
Highest Band Edge / Full RB



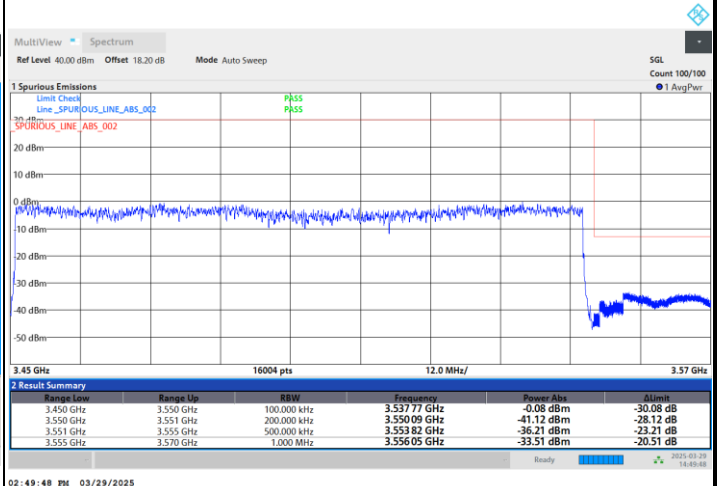


FR1 n77 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

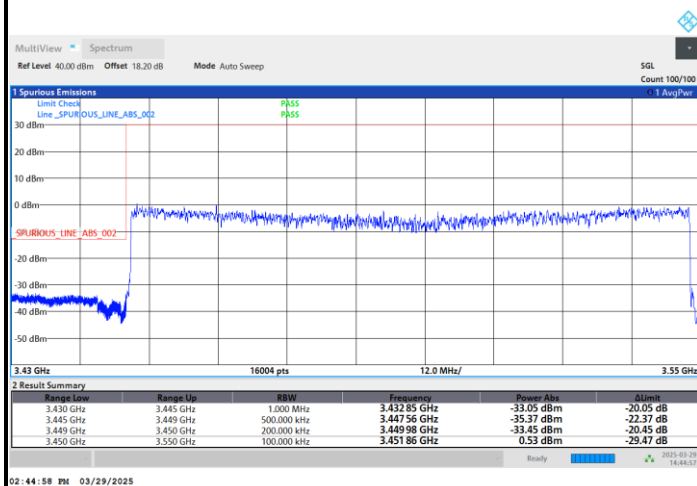


Highest Band Edge / Full RB

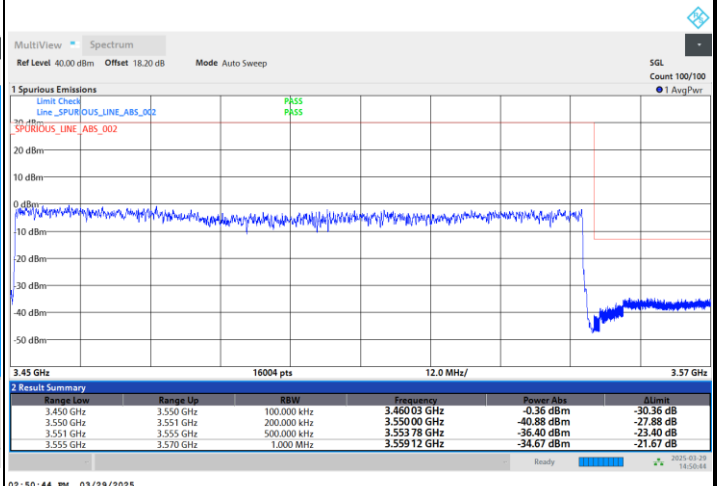


FR1 n77 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



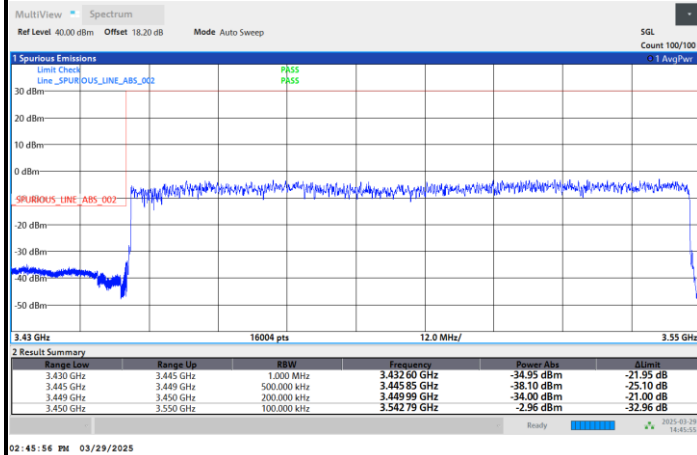
Highest Band Edge / Full RB



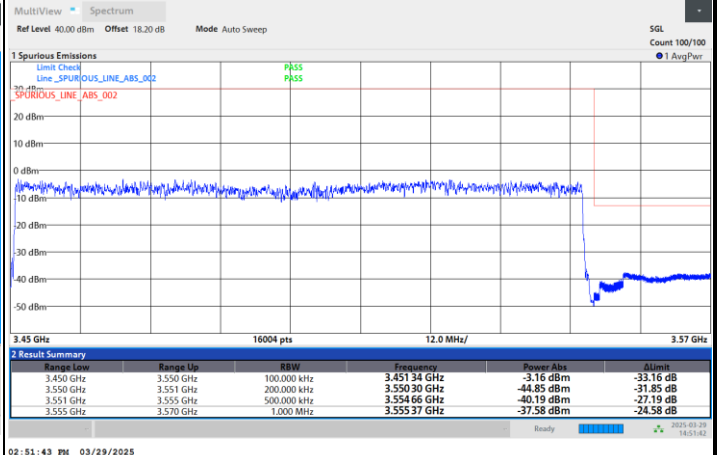


FR1 n77 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

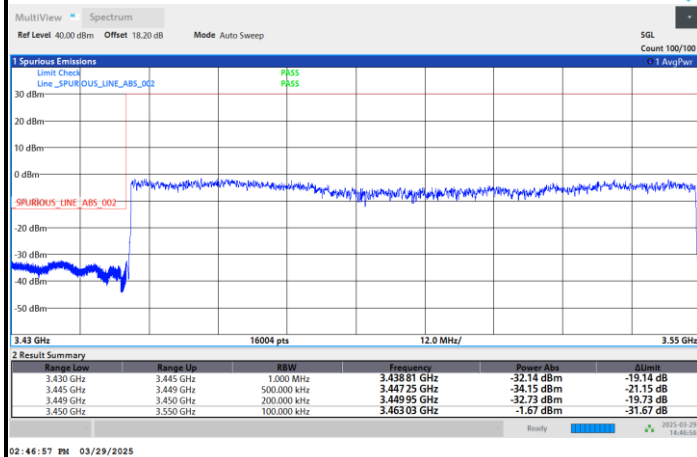


Highest Band Edge / Full RB

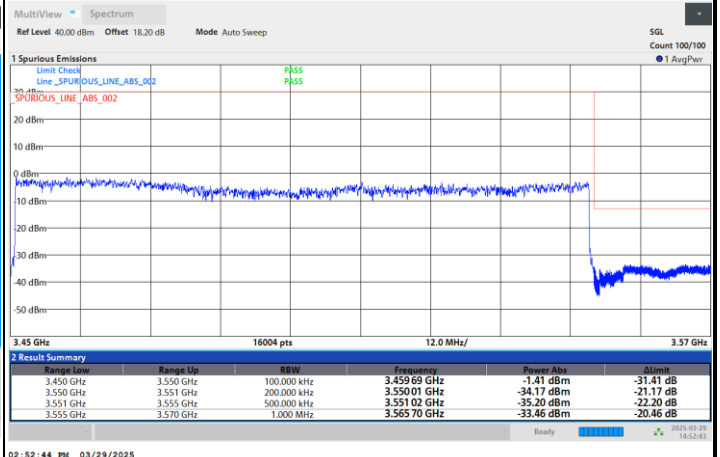


FR1 n77 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

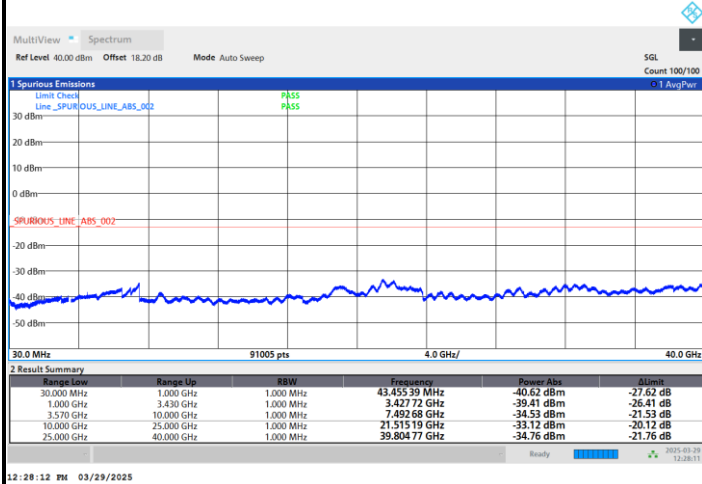




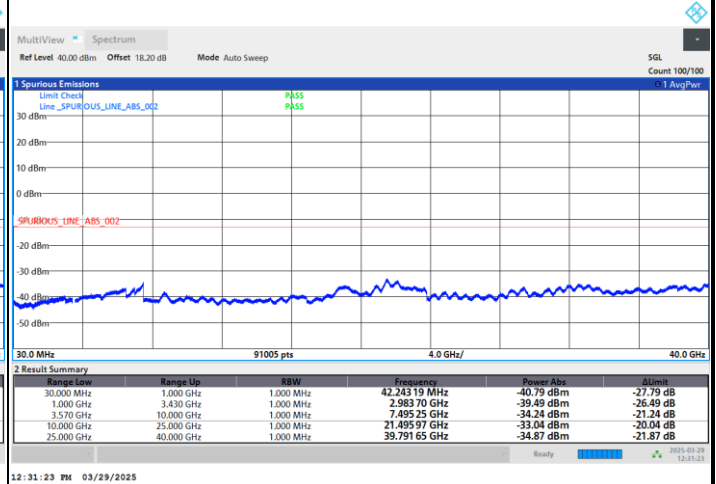
Conducted Spurious Emission

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

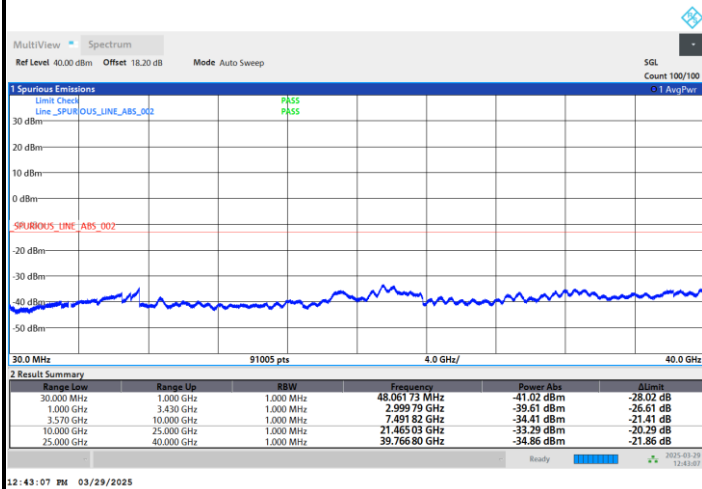
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0003	

Note:

1. Normal Voltage = 3.8 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
3	Part 22H	NR SA n5	L	3304	-56.45	RMS	29.60	-30.20	0.25	-95.23	39.13	-13.00	-43.45	V	1
3	Part 24E	NR SA n2	L	3704	-40.13	RMS	29.83	-51.15	0.80	-95.23	75.62	-13.00	-27.13	V	1
6	Part 24E	EN-DC B5+n2	L	3705	-56.39	RMS	29.84	-51.15	0.80	-95.23	59.35	-13.00	-43.39	V	1+0
5	Part 27L	NR SA n66	M	3450	-39.61	RMS	29.60	-51.53	1.03	-95.23	76.52	-13.00	-26.61	V	1
6	Part 27L	EN-DC B5+n66	H	3475	-51.41	RMS	29.55	-51.50	1.01	-95.23	64.76	-13.00	-38.41	V	1+0
2	Part 27D	NR SA n30	M	9232	-54.05	RMS	38.16	-47.74	0.09	-95.23	50.67	-40.00	-14.05	V	0
3	Part 27D	NR SA n30	M	9225	-54.29	RMS	38.15	-47.75	0.09	-95.23	50.45	-40.00	-14.29	V	0
2	Part 90R	NR SA n14	M	1584	-55.91	RMS	25.60	-32.45	0.42	-95.23	45.75	-42.15	-13.76	V	1
1	Part 27Q	NR SA n77	M	13833	-25.73	RMS	39.97	-42.94	0.64	-95.23	71.83	-13.00	-12.73	V	1
2	Part 27Q	NR SA n77	M	6918	-37.34	RMS	35.80	-49.03	1.07	-95.23	70.05	-13.00	-24.34	V	0
3	Part 27Q	NR SA n77	M	13811	-34.91	RMS	39.92	-42.97	0.64	-95.23	62.73	-13.00	-21.91	V	4
4	Part 27Q	NR SA n77	M	6912	-39.11	RMS	35.80	-49.03	1.07	-95.23	68.28	-13.00	-26.11	V	5
5	Part 27Q	NR SA n77	H	6923	-32.86	RMS	35.80	-49.03	1.07	-95.23	74.53	-13.00	-19.86	V	0+1
6	Part 27Q	NR SA n77	M	13811	-42.48	RMS	39.92	-42.97	0.64	-95.23	55.16	-13.00	-29.48	V	0+5
7	Part 27Q	NR SA n77	M	10361	-36.38	RMS	38.60	-46.18	0.88	-95.23	65.55	-13.00	-23.38	V	4+1
8	Part 27Q	NR SA n77	M	13811	-37.93	RMS	39.92	-42.97	0.64	-95.23	59.71	-13.00	-24.93	V	4+5
1	Part 27O	NR SA n77	H	7770	-27.57	RMS	36.78	-49.27	0.89	-95.23	79.26	-13.00	-14.57	V	1
2	Part 27O	NR SA n77	M	7594	-29.20	RMS	36.19	-49.15	1.01	-95.23	77.98	-13.00	-16.20	V	0
3	Part 27O	NR SA n77	M	7583	-25.57	RMS	36.17	-49.14	1.02	-95.23	81.61	-13.00	-12.57	V	4
4	Part 27O	NR SA n77	M	15173	-27.13	RMS	39.03	-42.74	0.83	-95.23	70.98	-13.00	-14.13	V	5
5	Part 27O	NR SA n77	H	7770	-27.82	RMS	36.78	-49.27	0.89	-95.23	79.01	-13.00	-14.82	H	0+1
6	Part 27O	NR SA n77	M	15173	-32.70	RMS	39.03	-42.74	0.83	-95.23	65.41	-13.00	-19.70	V	0+5
7	Part 27O	NR SA n77	M	15173	-33.82	RMS	39.03	-42.74	0.83	-95.23	64.29	-13.00	-20.82	V	4+1
8	Part 27O	NR SA n77	M	7583	-30.88	RMS	36.17	-49.14	1.02	-95.23	76.30	-13.00	-17.88	V	4+5

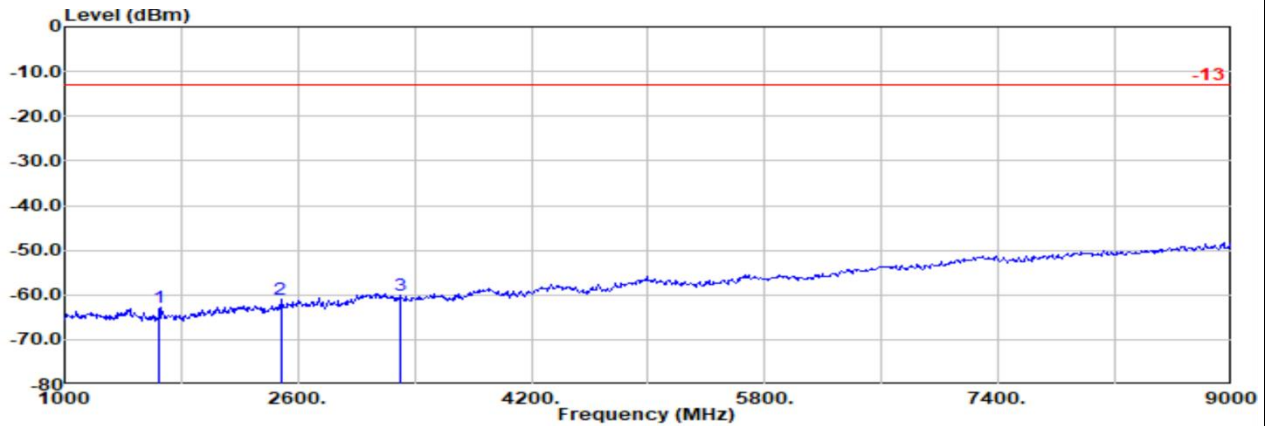


Ant.1

Part 22H Mode 3

NR SA n5 20M Ch166800 1RB1 BPSK

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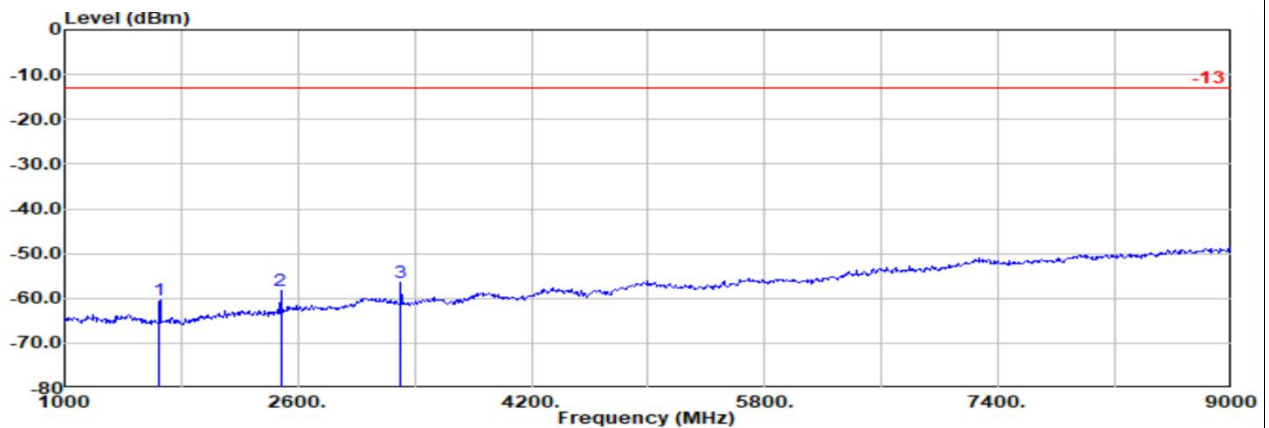


Site : 03CH15-HY

Condition: -13 3m 9120D-02294_240620 Horizontal

Mode : NR n5 20M Ch166800 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			1			g		dB	
1	1651.00	-62.91	RMS	25.30	-32.34	0.35	-95.23	0.00	-13.00	-49.91	Horizontal
2	2480.00	-60.89	RMS	27.78	-31.10	0.22	-95.23	37.44	-13.00	-47.89	Horizontal
3	3304.00	-59.95	RMS	29.60	-30.20	0.25	-95.23	35.63	-13.00	-46.95	Horizontal



Site : 03CH15-HY

Condition: -13 3m 9120D-02294_240620 Vertical

Mode : NR n5 20M Ch166800 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			1			g		dB	
1	1651.00	-60.52	RMS	25.30	-32.34	0.35	-95.23	41.40	-13.00	-47.52	Vertical
2	2480.00	-58.40	RMS	27.78	-31.10	0.22	-95.23	39.93	-13.00	-45.40	Vertical
3	3304.00	-56.45	RMS	29.60	-30.20	0.25	-95.23	39.13	-13.00	-43.45	Vertical