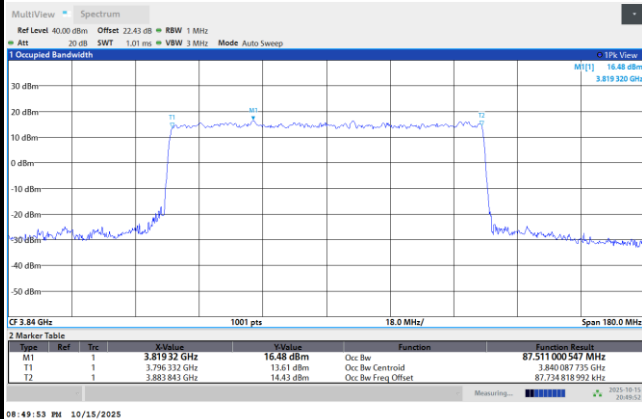


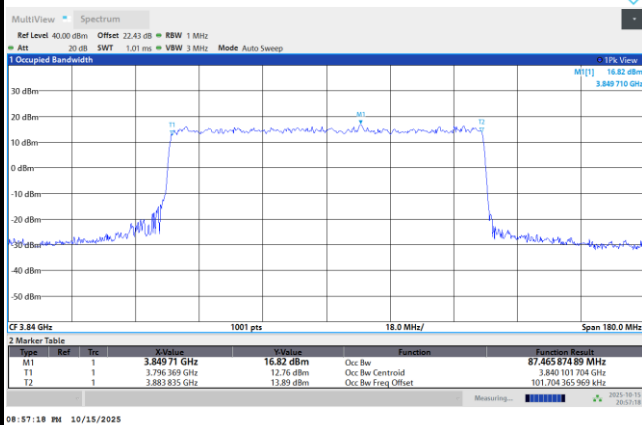


FR1 n77 / 90MHz / Middle Channel / Full RB

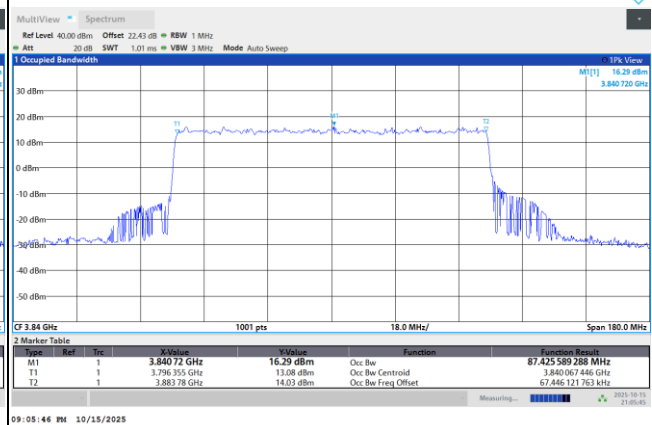
QPSK



64QAM



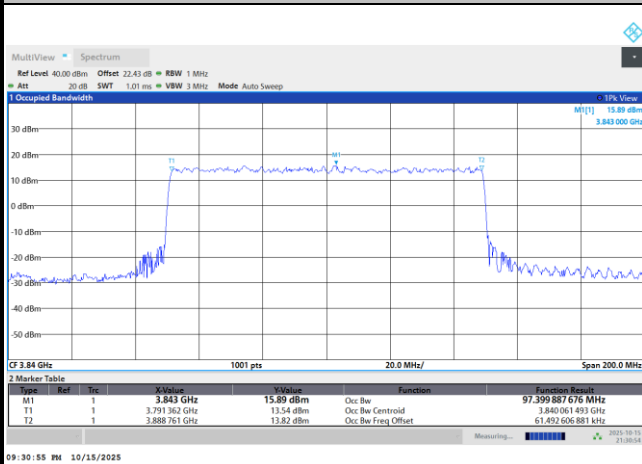
256QAM



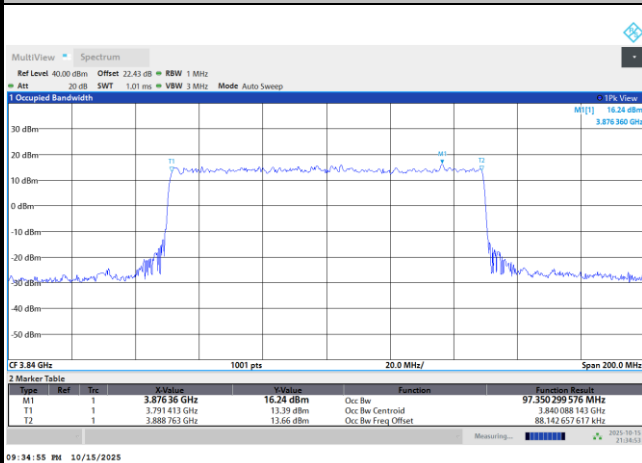


FR1 n77 / 100MHz / Middle Channel / Full RB

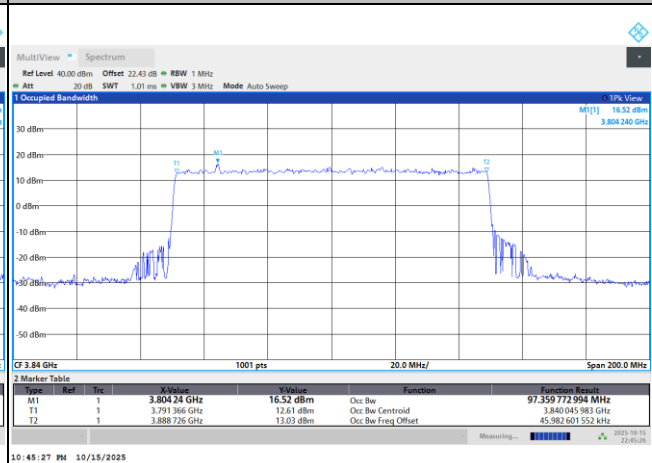
QPSK

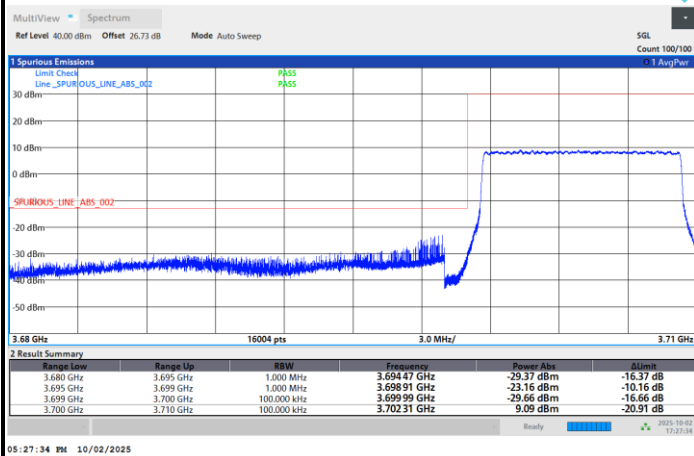
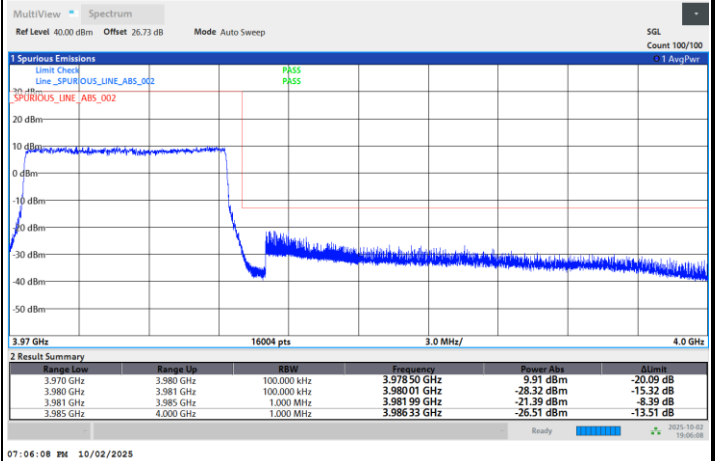
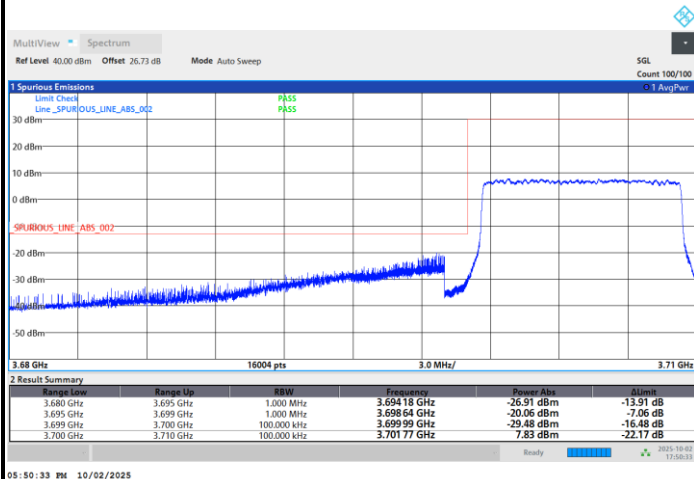
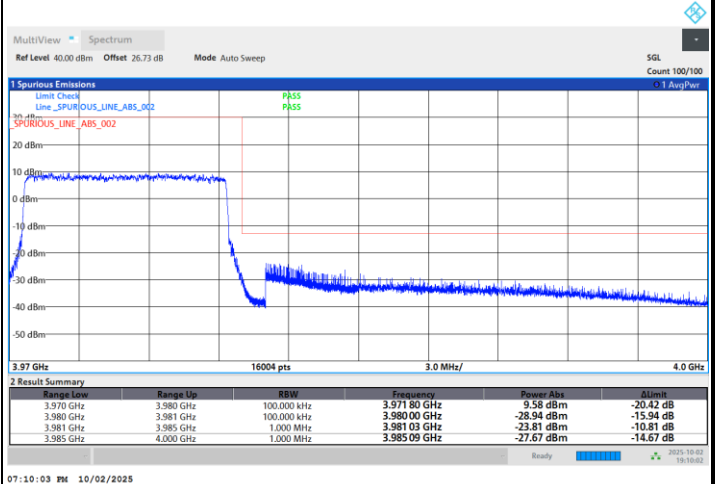


64QAM



256QAM



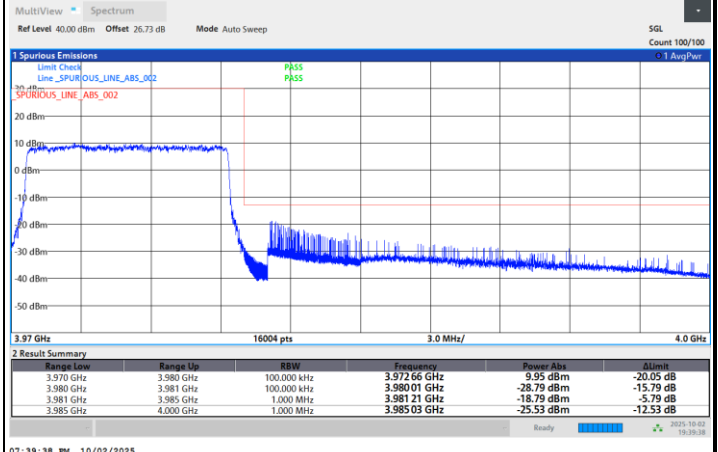
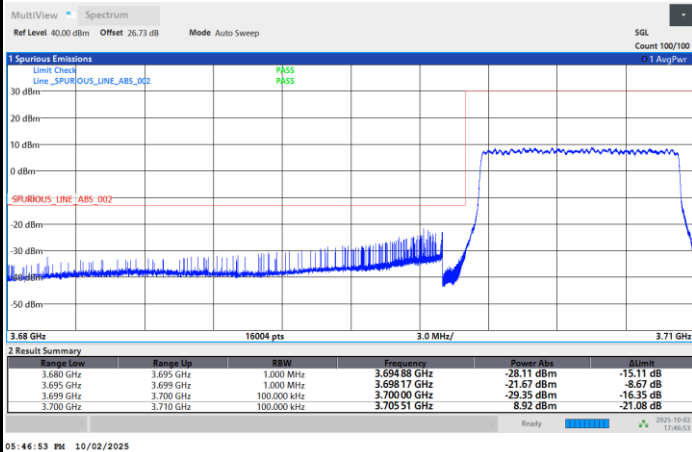
**Conducted Band Edge****FR1 n77 / 10MHz / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****FR1 n77 / 10MHz / 64QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



FR1 n77 / 10MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

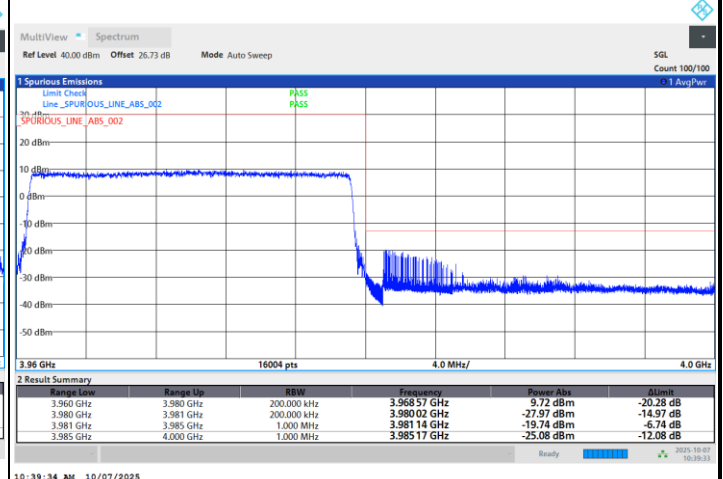
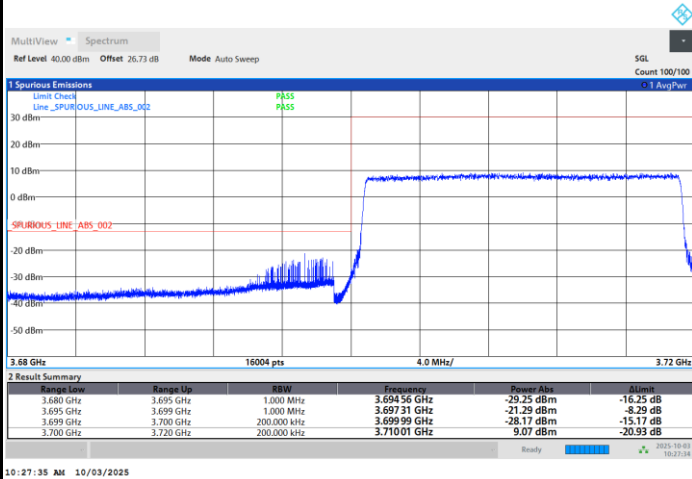




FR1 n77 / 20MHz / QPSK

Lowest Band Edge / Full RB

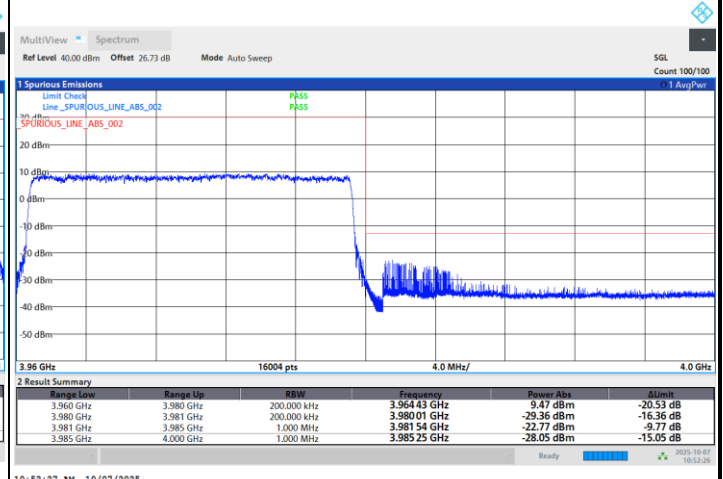
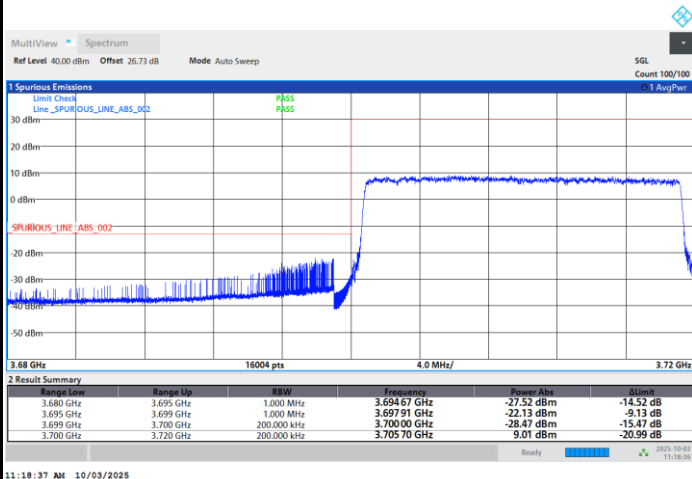
Highest Band Edge / Full RB



FR1 n77 / 20MHz / 64QAM

Lowest Band Edge / Full RB

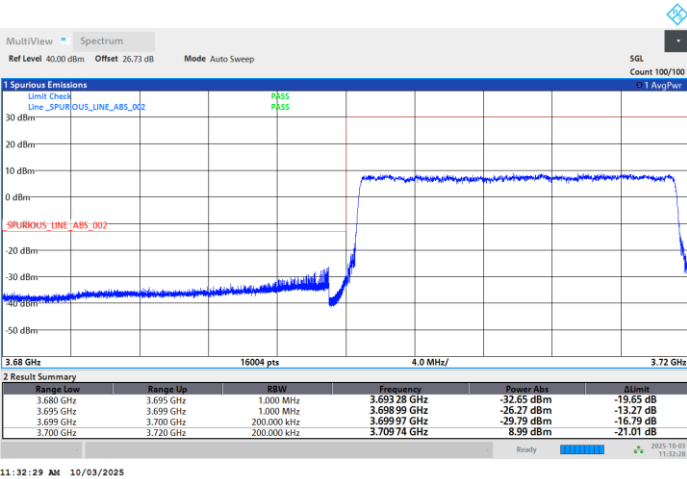
Highest Band Edge / Full RB





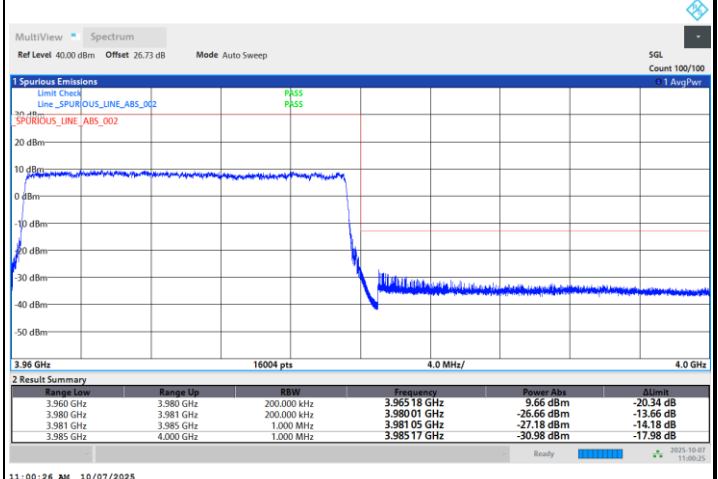
FR1 n77 / 20MHz / 256QAM

Lowest Band Edge / Full RB



11:32:29 AM 10/03/2025

Highest Band Edge / Full RB

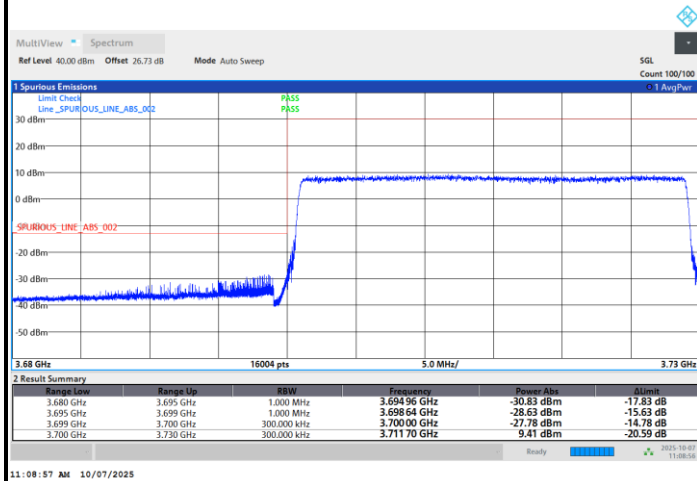


11:00:26 AM 10/07/2025

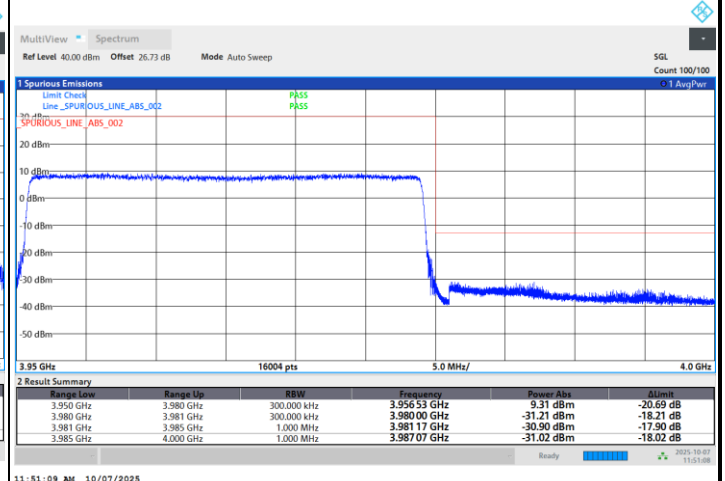


FR1 n77 / 30MHz / QPSK

Lowest Band Edge / Full RB

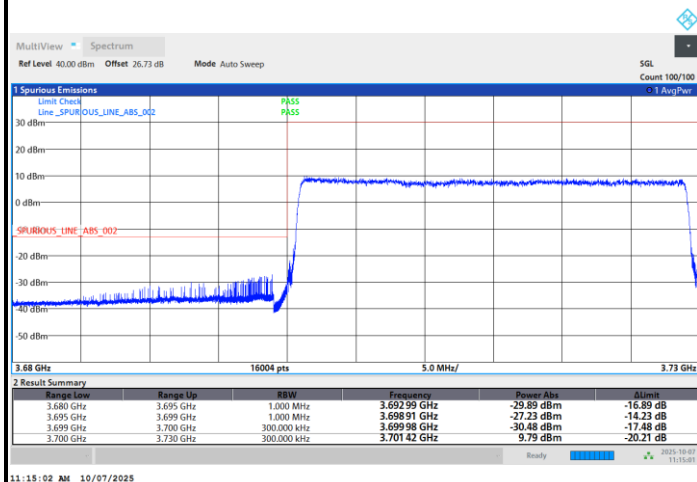


Highest Band Edge / Full RB

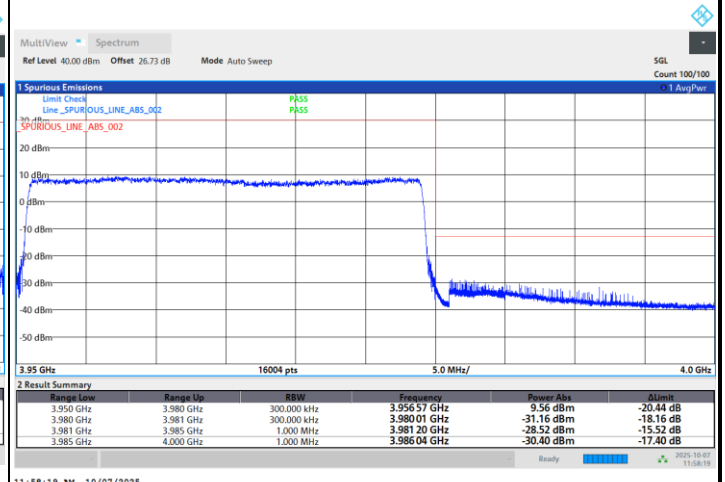


FR1 n77 / 30MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

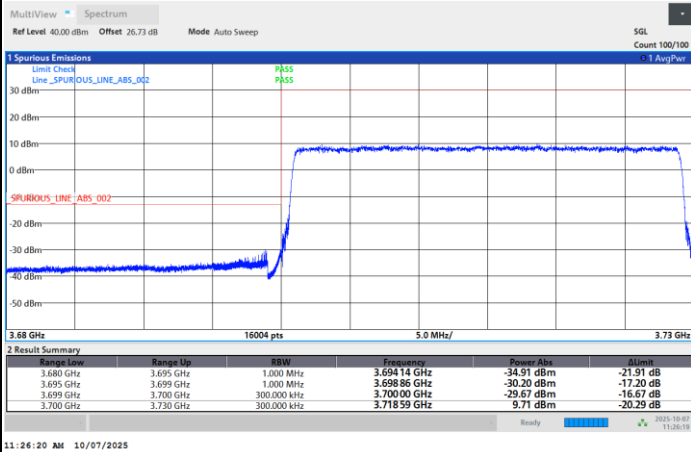




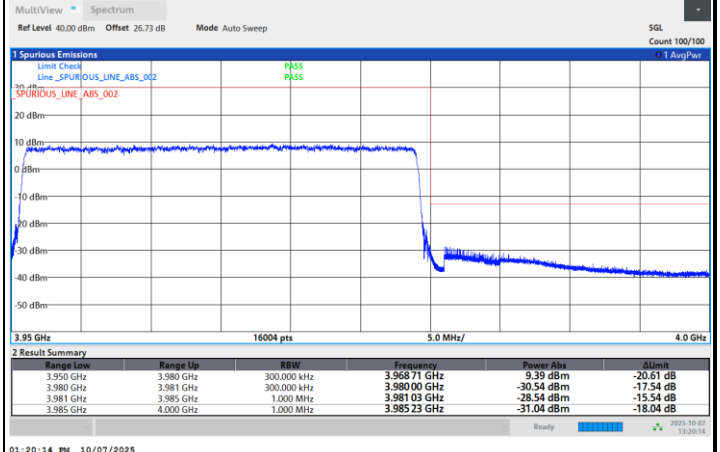
FR1 n77 / 30MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



11:26:20 AM 10/07/2025

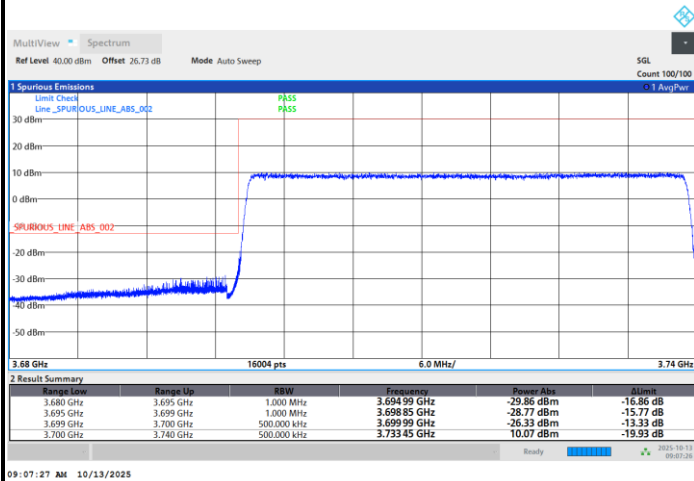


01:20:14 PM 10/07/2025



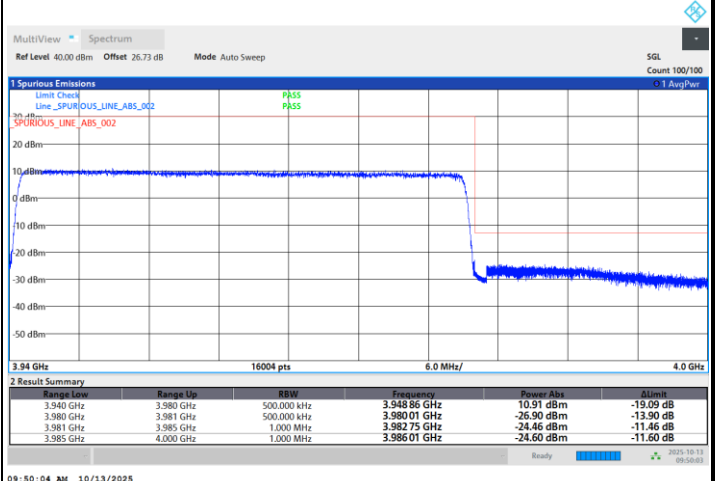
FR1 n77 / 40MHz / QPSK

Lowest Band Edge / Full RB



09:07:27 AM 10/13/2025

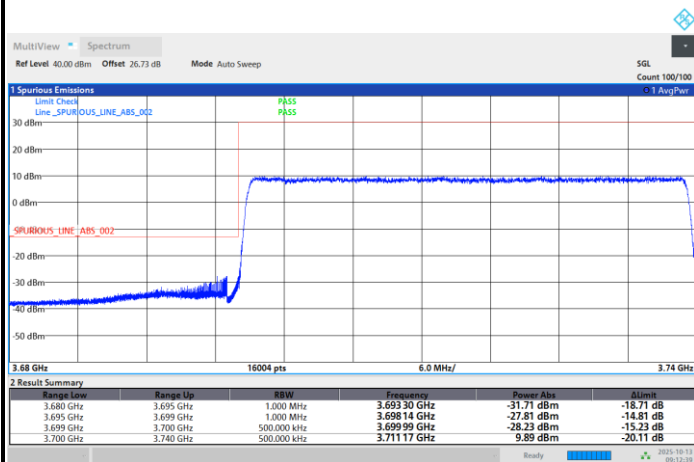
Highest Band Edge / Full RB



09:50:04 AM 10/13/2025

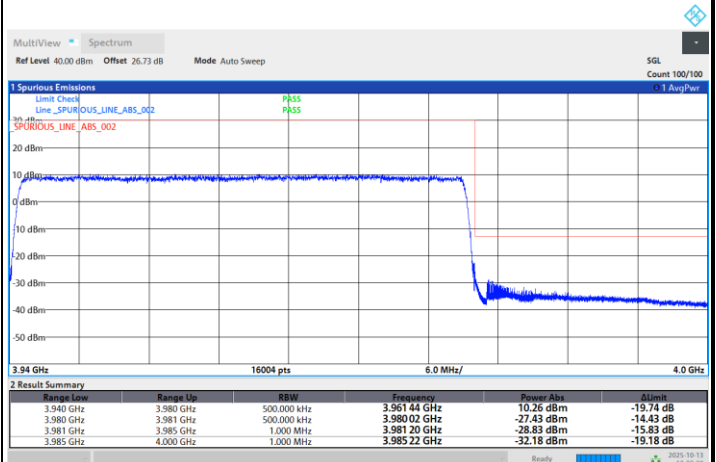
FR1 n77 / 40MHz / 64QAM

Lowest Band Edge / Full RB



09:12:40 AM 10/13/2025

Highest Band Edge / Full RB



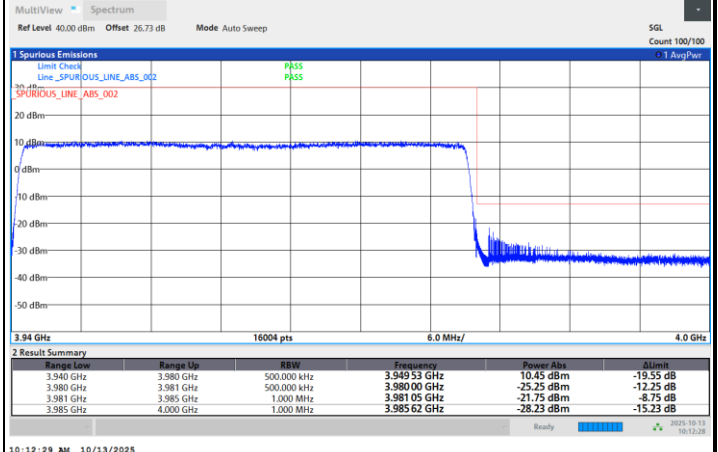
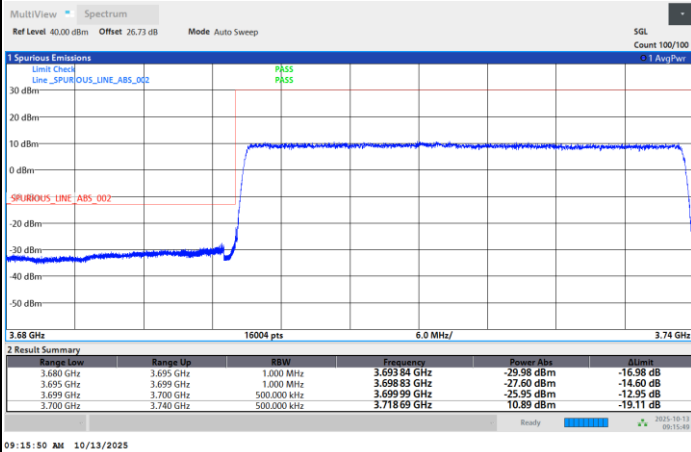
10:08:01 AM 10/13/2025



FR1 n77 / 40MHz / 256QAM

Lowest Band Edge / Full RB

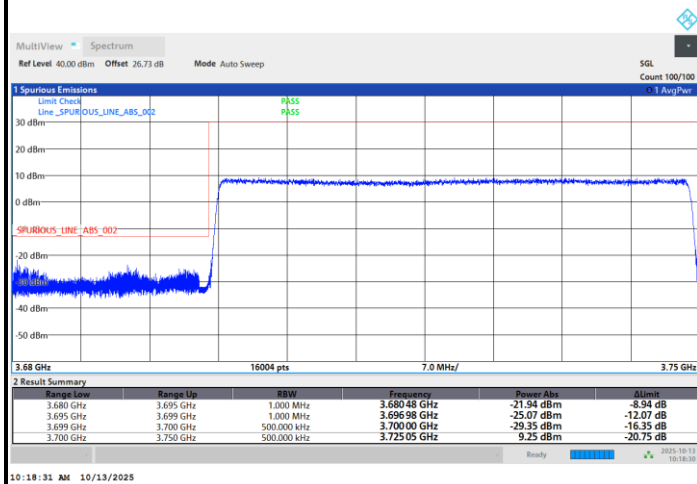
Highest Band Edge / Full RB





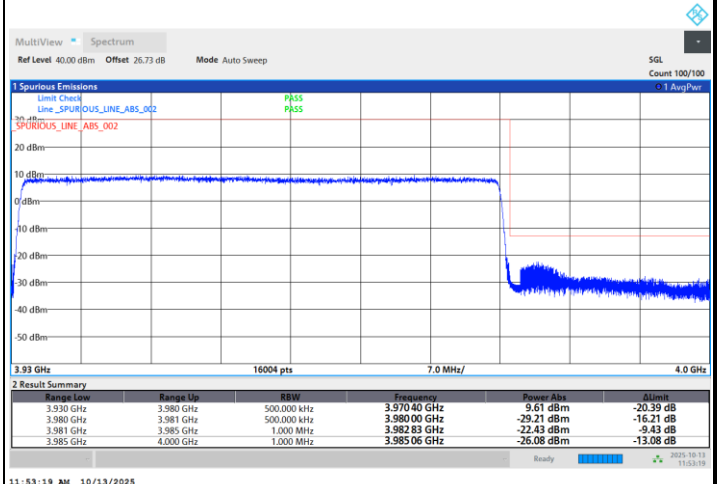
FR1 n77 / 50MHz / QPSK

Lowest Band Edge / Full RB



10:18:31 AM 10/13/2025

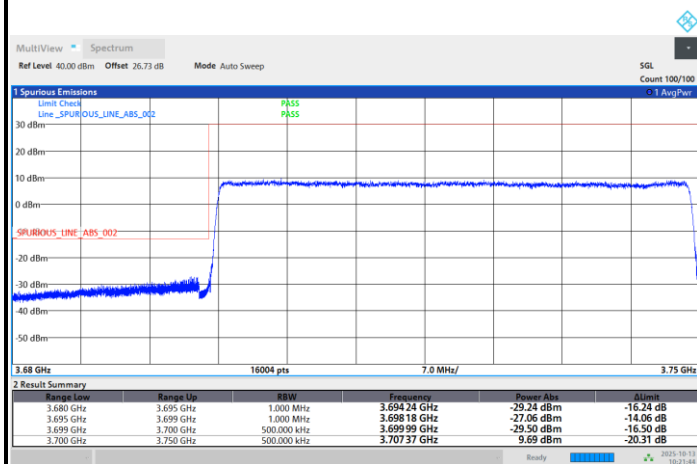
Highest Band Edge / Full RB



11:53:19 AM 10/13/2025

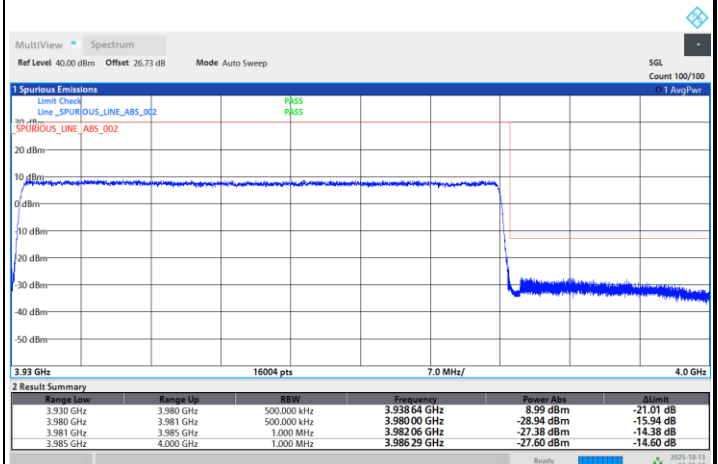
FR1 n77 / 50MHz / 64QAM

Lowest Band Edge / Full RB



10:21:45 AM 10/13/2025

Highest Band Edge / Full RB



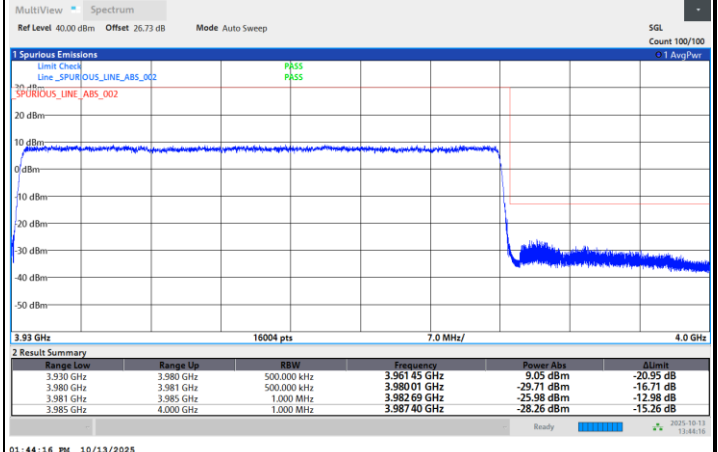
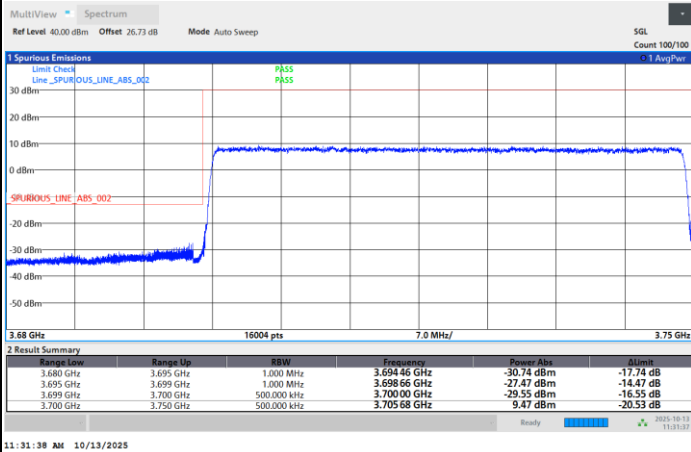
01:39:11 PM 10/13/2025



FR1 n77 / 50MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

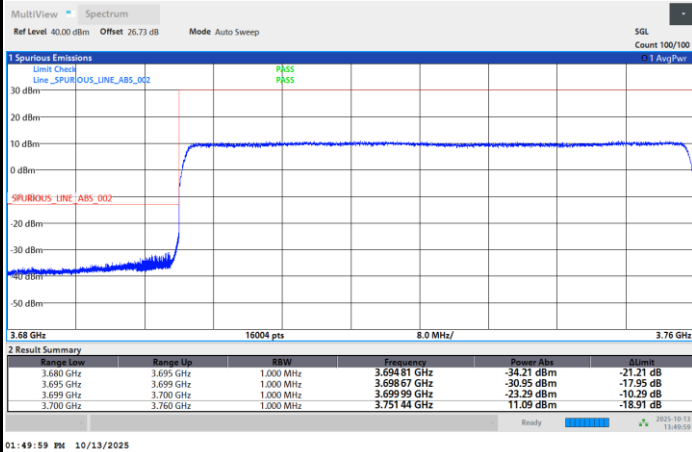




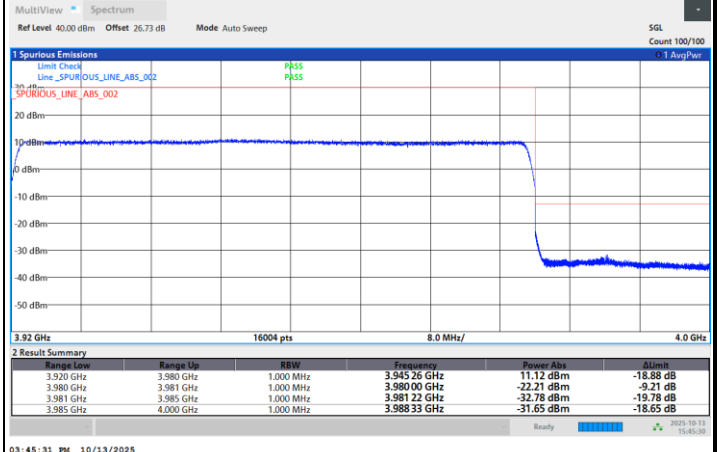
FR1 n77 / 60MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



01:49:59 PM 10/13/2025

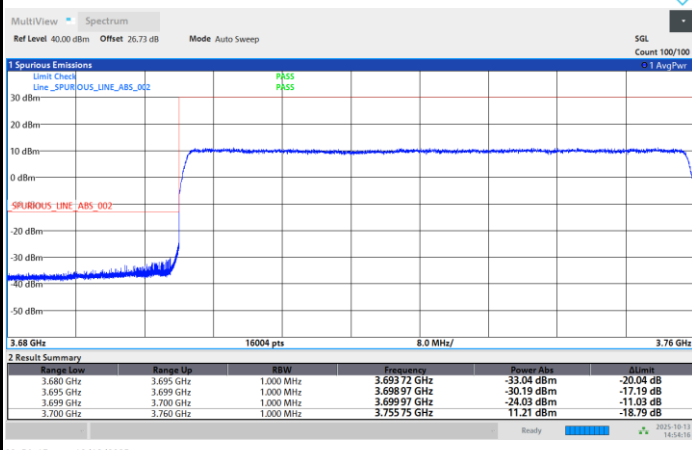


03:45:31 PM 10/13/2025

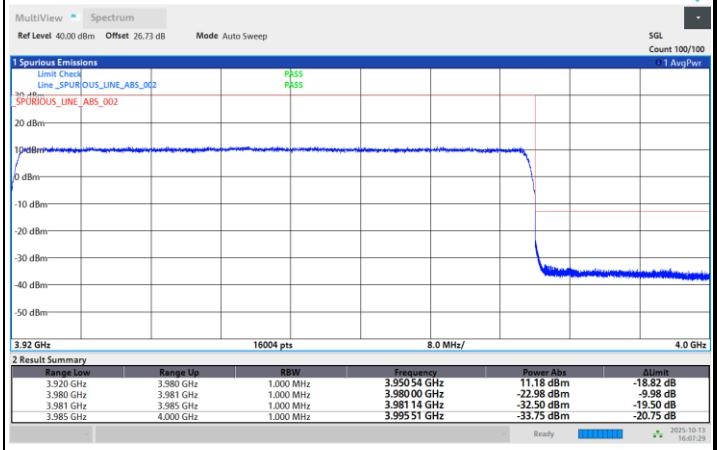
FR1 n77 / 60MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



02:54:17 PM 10/13/2025



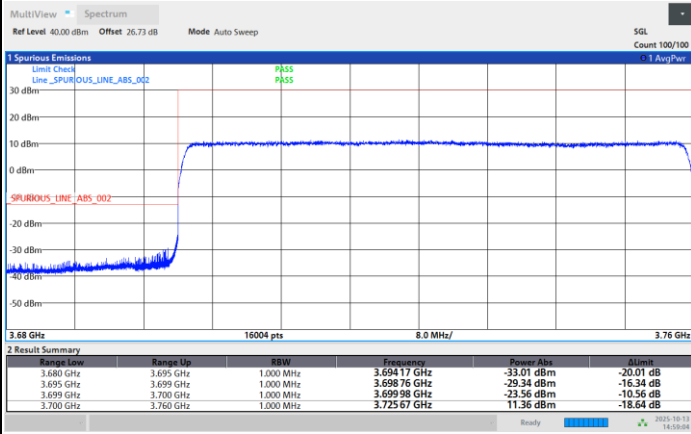
04:07:30 PM 10/13/2025



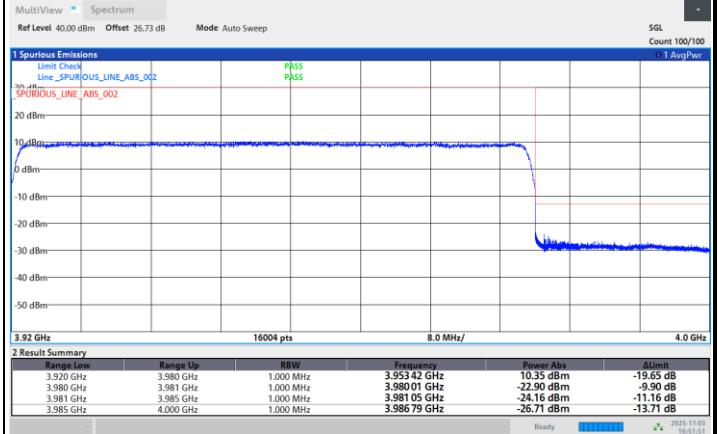
FR1 n77 / 60MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



02:59:05 PM 10/13/2025



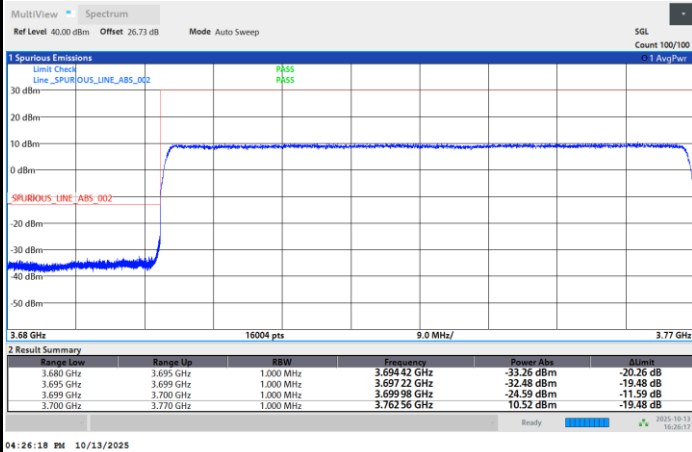
04:51:51 PM 11/03/2025



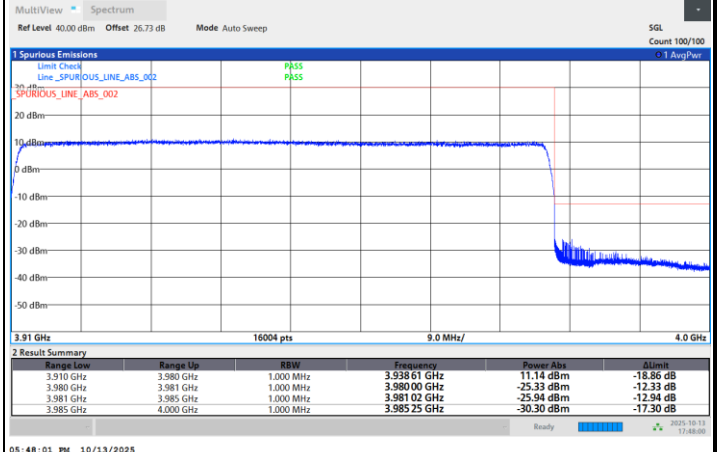
FR1 n77 / 70MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



04:26:18 PM 10/13/2025

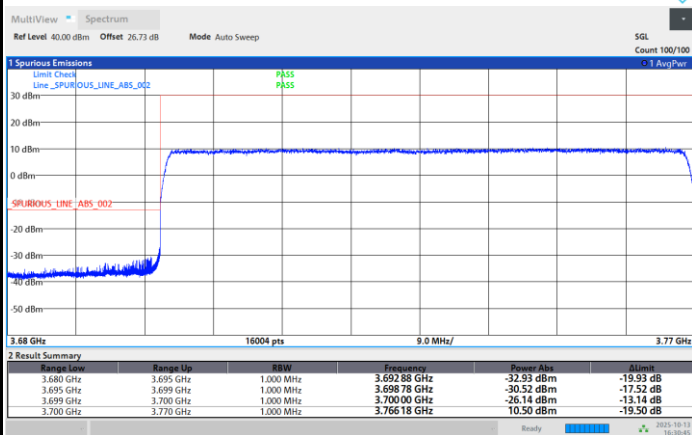


05:48:01 PM 10/13/2025

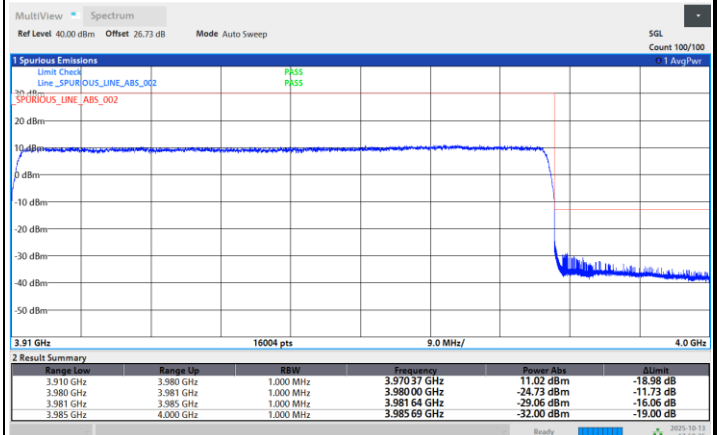
FR1 n77 / 70MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



04:30:46 PM 10/13/2025



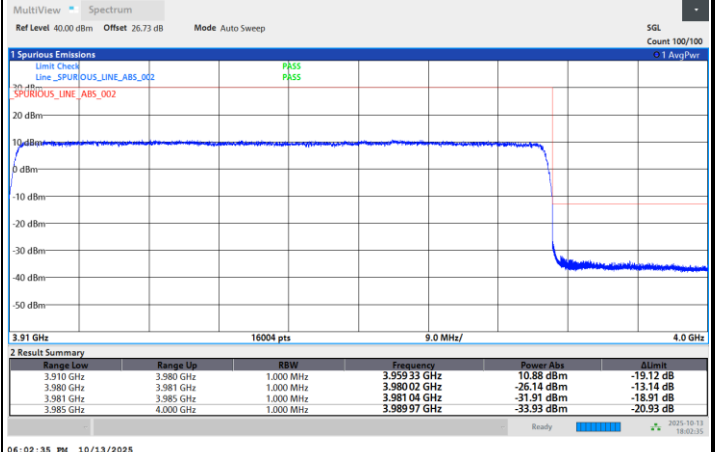
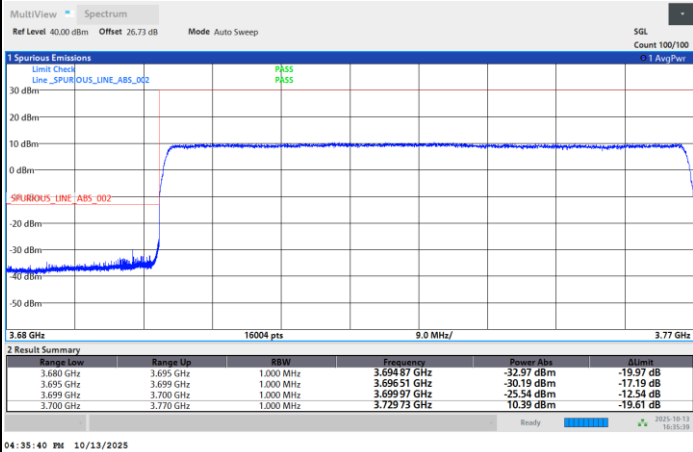
05:58:25 PM 10/13/2025



FR1 n77 / 70MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

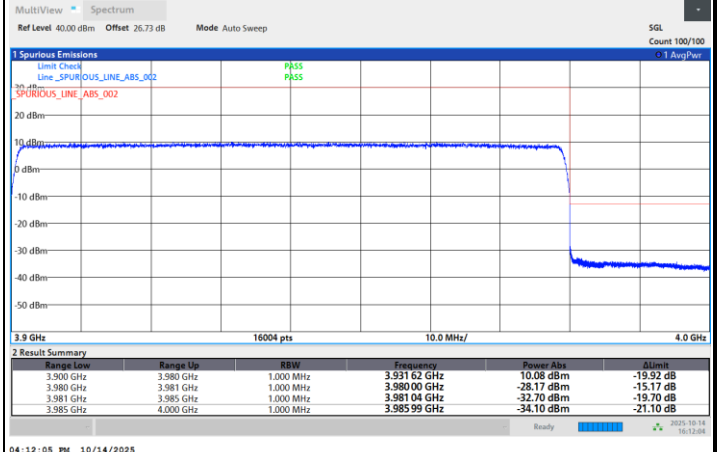
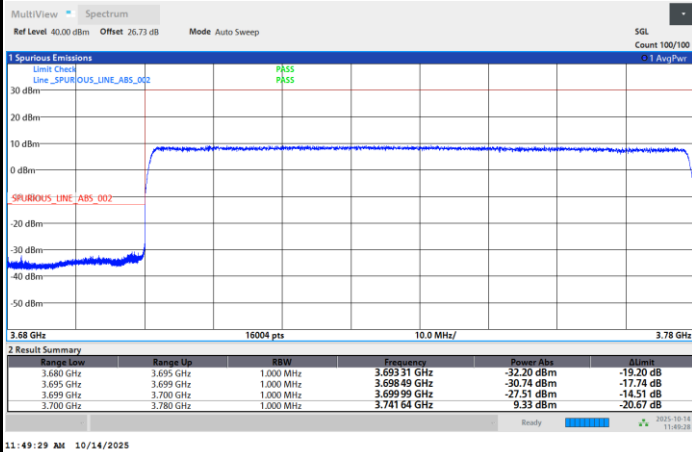




FR1 n77 / 80MHz / QPSK

Lowest Band Edge / Full RB

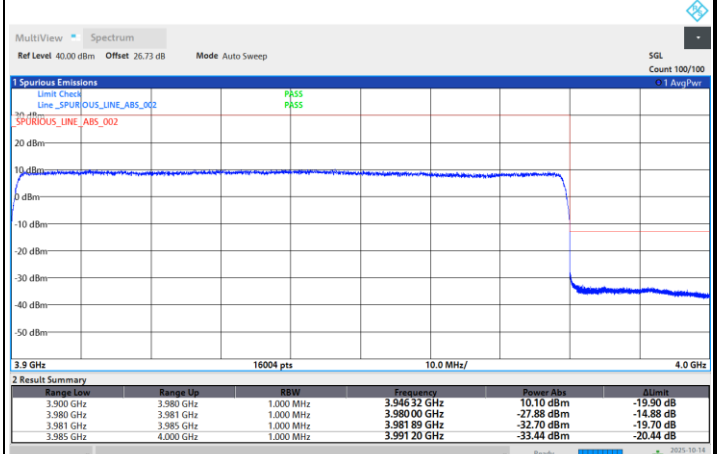
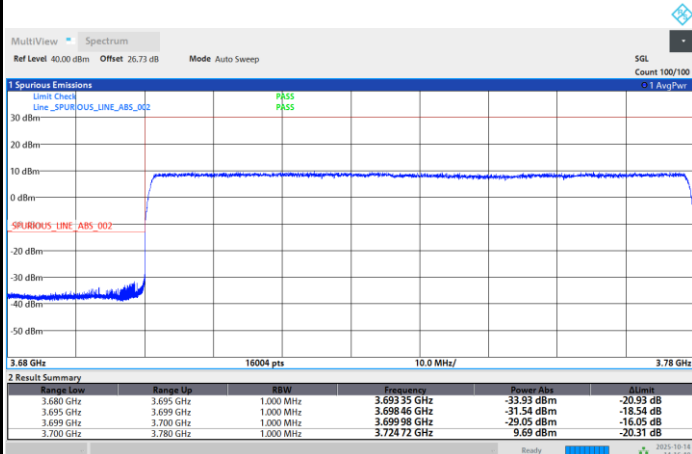
Highest Band Edge / Full RB



FR1 n77 / 80MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

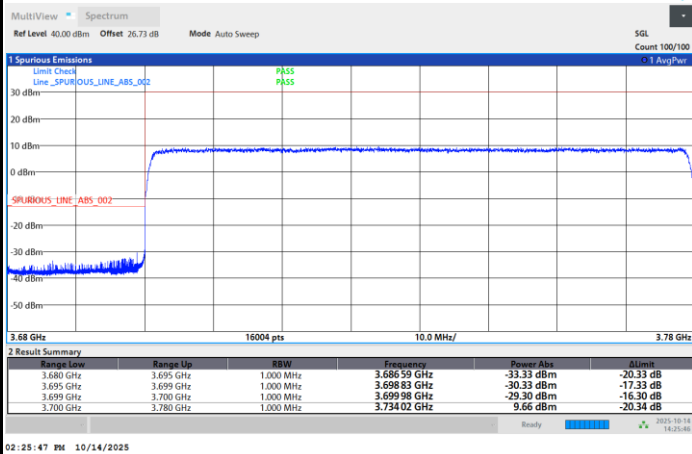




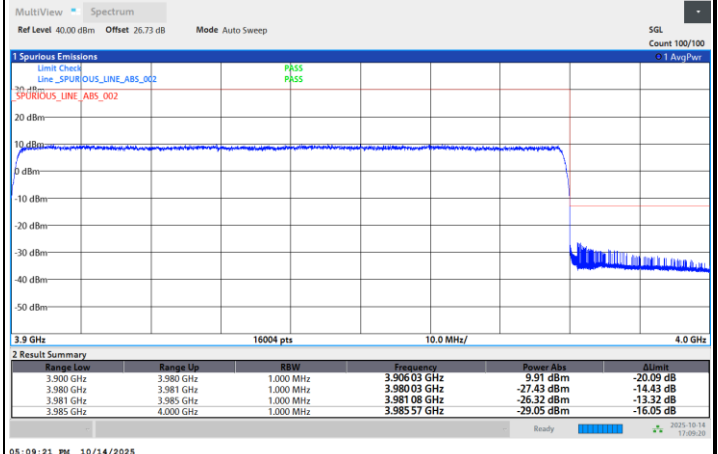
FR1 n77 / 80MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



02:25:47 PM 10/14/2025

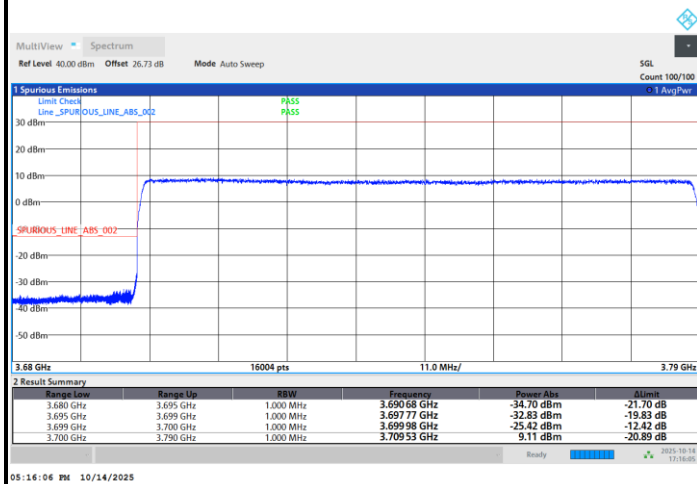


05:09:21 PM 10/14/2025

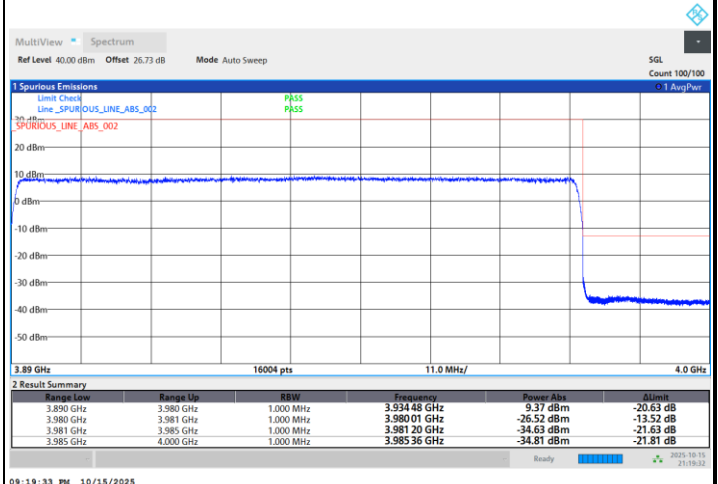


FR1 n77 / 90MHz / QPSK

Lowest Band Edge / Full RB

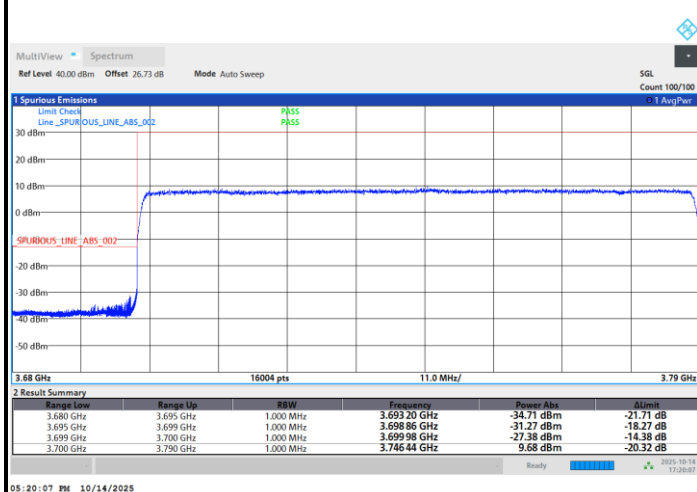


Highest Band Edge / Full RB

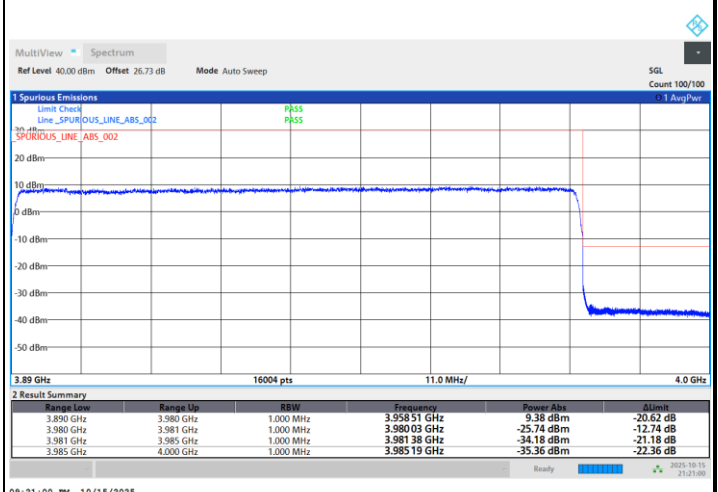


FR1 n77 / 90MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

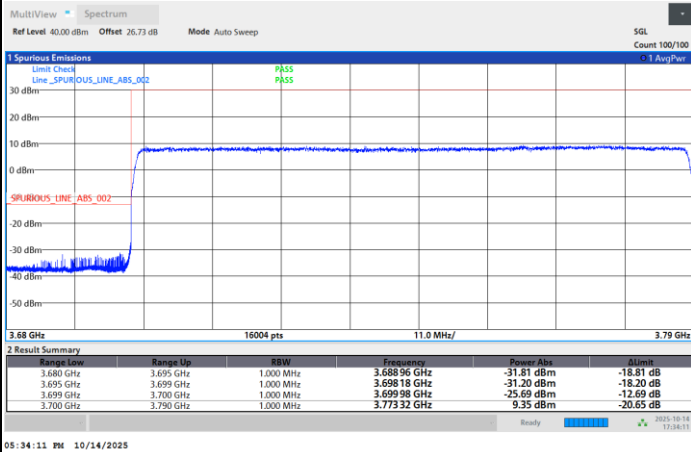




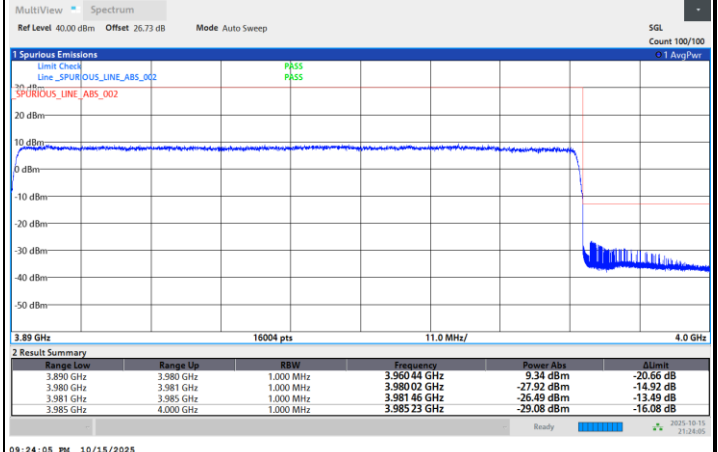
FR1 n77 / 90MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



05:34:11 PM 10/14/2025

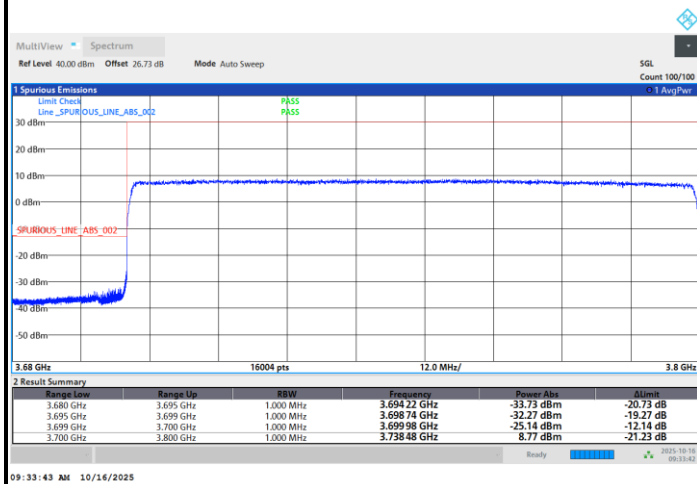


09:24:05 PM 10/15/2025



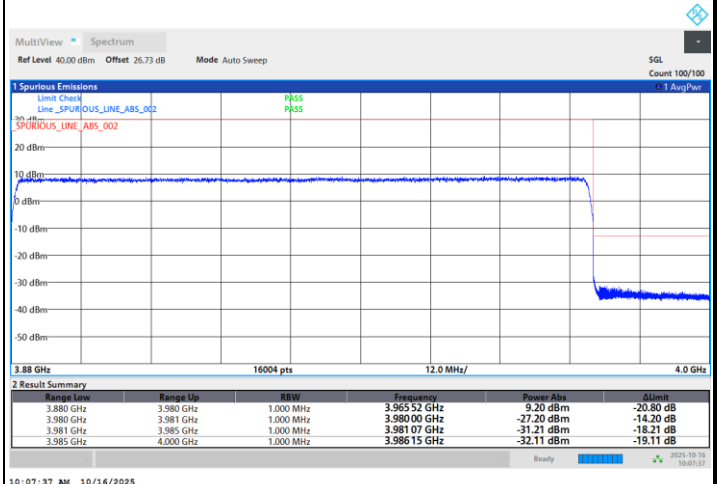
FR1 n77 / 100MHz / QPSK

Lowest Band Edge / Full RB



09:33:43 AM 10/16/2025

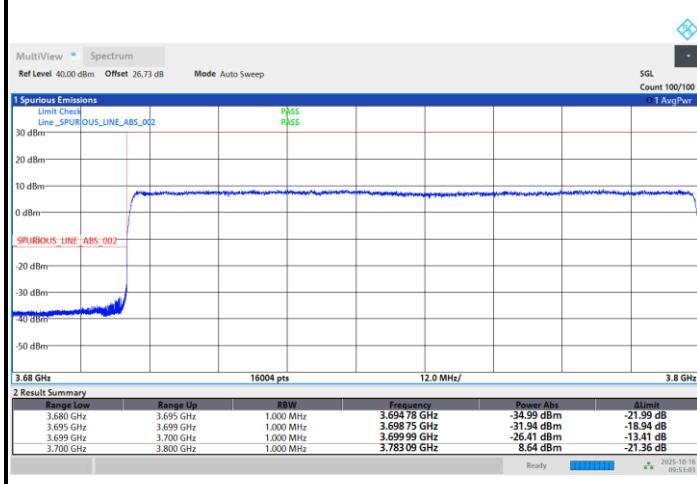
Highest Band Edge / Full RB



10:07:37 AM 10/16/2025

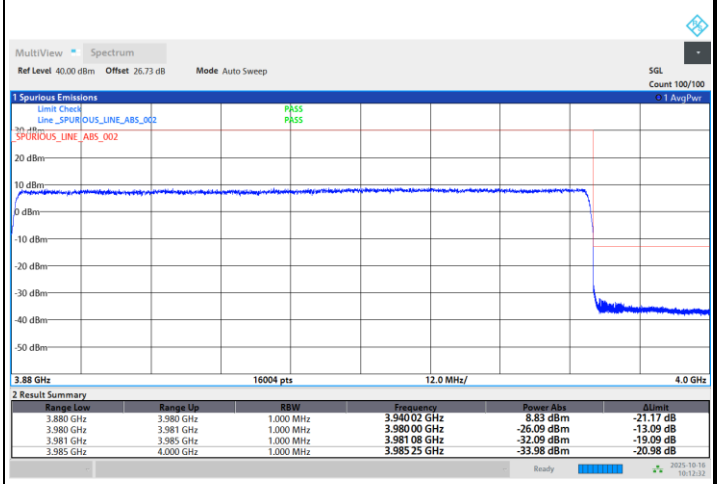
FR1 n77 / 100MHz / 64QAM

Lowest Band Edge / Full RB



09:53:03 AM 10/16/2025

Highest Band Edge / Full RB



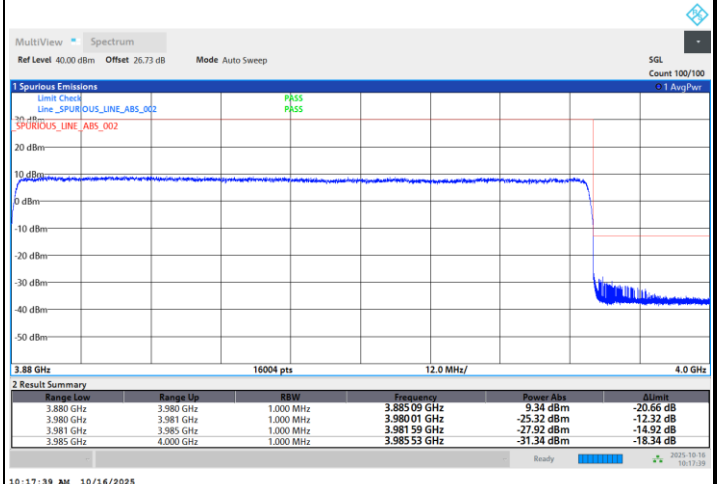
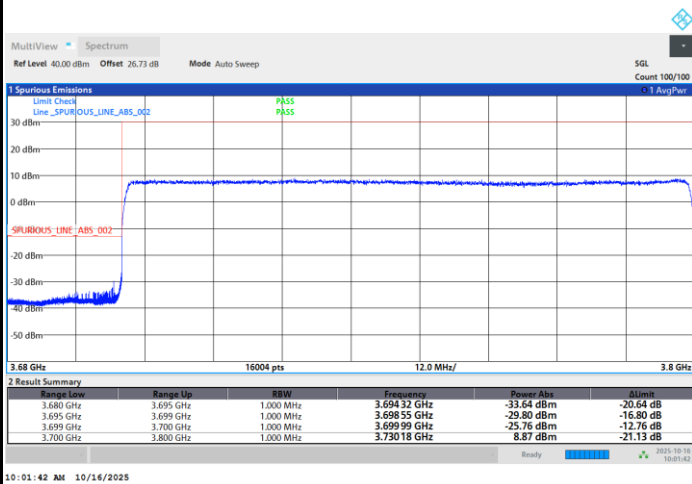
10:12:32 AM 10/16/2025



FR1 n77 / 100MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

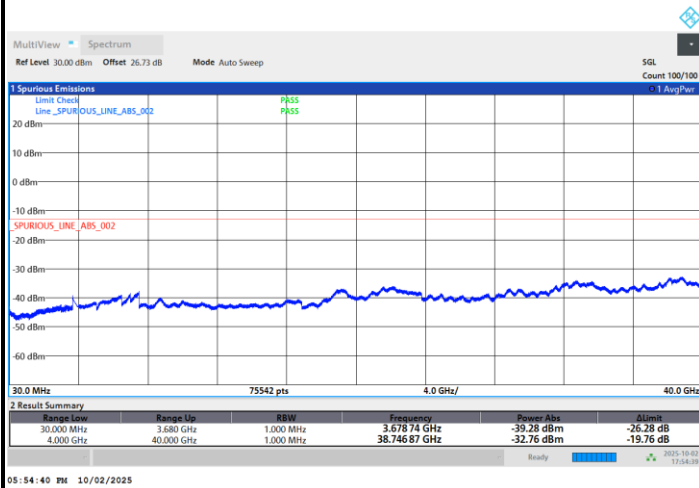




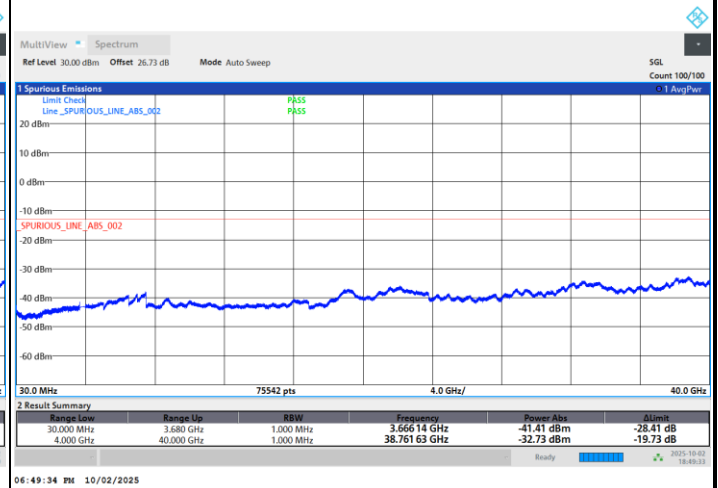
Conducted Spurious Emission

FR1 n77 / 10MHz / QPSK

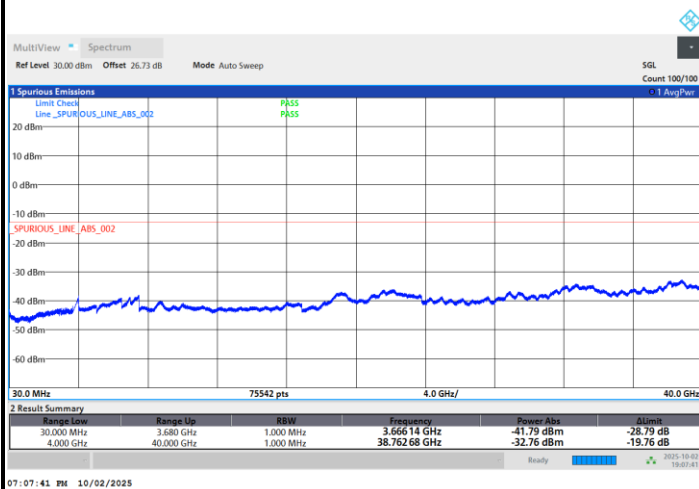
Lowest Channel



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	1.0417	PASS
40	Normal Voltage	0.4167	
30	Normal Voltage	0.6250	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.6771	
0	Normal Voltage	0.8854	
-10	Normal Voltage	1.3021	
-20	Normal Voltage	0.9375	
-30	Normal Voltage	0.8854	
20	Maximum Voltage	1.0938	
20	Normal Voltage	0.8854	
20	Minimum Voltage	1.3021	

Note:

1. Normal Voltage = 115 V. ; Minimum Voltage = 100 V. ; Maximum Voltage = 240 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 27O	NR SA n77 MIMO	M	10316	-17.41	RMS	38.67	-19.97	0.15	-95.23	58.98	-13.00	-4.41	H	1+2

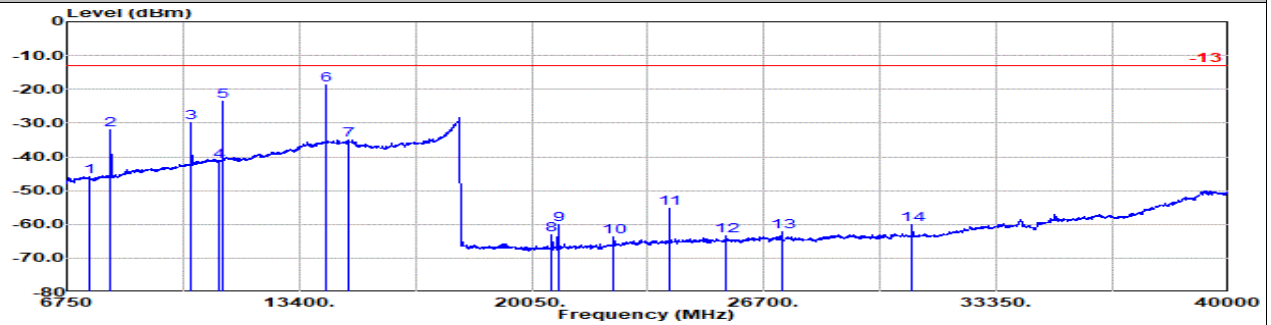


Ant. 1+2

Part 270 Mode 1

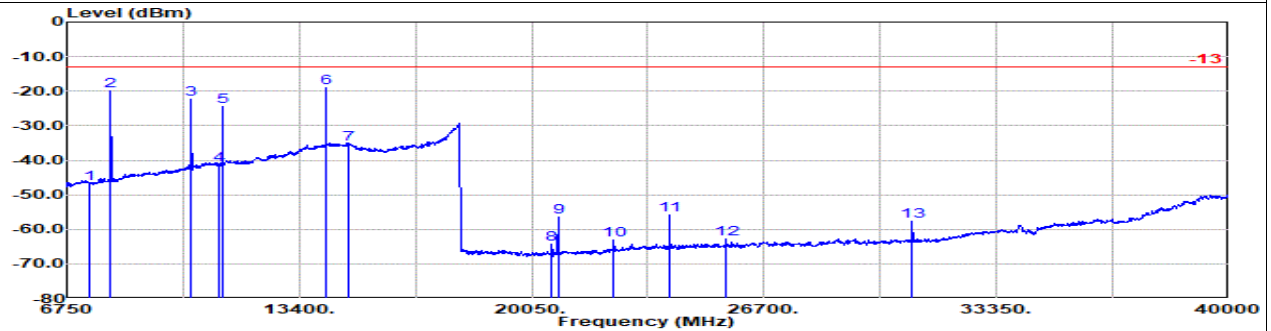
NR SA n77 MIMO 10M Ch647000 1RB1 QPSK

L



Site : 03CH12-HY
Condition: -13 3m 9120D-02114-250702 Horizontal
: NR Band 77 10M Ch647000 Full RB QPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7410.00	-46.04 RMS	36.86	-22.15	0.37	-95.23	34.11	-13.00	-33.04	Horizontal
2	7998.75	-31.93 RMS	37.20	-21.88	0.18	-95.23	47.80	-13.00	-18.93	Horizontal
3	10316.25	-29.89 RMS	38.67	-19.97	0.15	-95.23	46.50	-13.00	-16.89	Horizontal
4	11115.00	-41.42 RMS	39.10	-19.04	0.23	-95.23	33.52	-13.00	-28.42	Horizontal
5	11205.00	-23.50 RMS	39.01	-18.99	0.24	-95.23	51.47	-13.00	-10.50	Horizontal
6	14152.50	-18.77 RMS	40.90	-15.42	0.04	-95.23	50.94	-13.00	-5.77	Horizontal
7	14820.00	-35.10 RMS	40.56	-15.61	0.06	-95.23	35.12	-13.00	-22.10	Horizontal
8	20632.00	-62.96 RMS	37.94	-32.10	-9.54	-95.23	35.97	-13.00	-49.96	Horizontal
9	20800.00	-60.22 RMS	38.00	-31.98	-9.54	-95.23	38.53	-13.00	-47.22	Horizontal
10	22400.00	-63.55 RMS	38.40	-31.41	-9.54	-95.23	34.23	-13.00	-50.55	Horizontal
11	24000.00	-55.29 RMS	39.20	-30.47	-9.54	-95.23	40.75	-13.00	-42.29	Horizontal
12	25600.00	-63.37 RMS	39.10	-29.85	-9.54	-95.23	32.15	-13.00	-50.37	Horizontal
13	27204.00	-62.27 RMS	39.49	-28.78	-9.54	-95.23	31.79	-13.00	-49.27	Horizontal
14	30942.00	-60.06 RMS	40.60	-29.19	-9.54	-95.23	33.30	-13.00	-47.06	Horizontal



Site : 03CH12-HY
Condition: -13 3m 9120D-02114-250702 Vertical
: NR Band 77 10M Ch647000 Full RB QPSK

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7410.00	-46.66 RMS	36.86	-22.15	0.37	-95.23	33.49	-13.00	-33.66	Vertical
2	7998.75	-19.90 RMS	37.20	-21.88	0.18	-95.23	59.83	-13.00	-6.90	Vertical
3	10316.25	-22.38 RMS	38.67	-19.97	0.15	-95.23	54.01	-13.00	-9.38	Vertical
4	11115.00	-41.27 RMS	39.10	-19.04	0.23	-95.23	33.67	-13.00	-28.27	Vertical
5	11205.00	-24.41 RMS	39.01	-18.99	0.24	-95.23	50.56	-13.00	-11.41	Vertical
6	14152.50	-18.87 RMS	40.90	-15.42	0.04	-95.23	50.84	-13.00	-5.87	Vertical
7	14820.00	-35.30 RMS	40.56	-15.61	0.06	-95.23	34.92	-13.00	-22.30	Vertical
8	20632.00	-64.17 RMS	37.94	-32.10	-9.54	-95.23	34.76	-13.00	-51.17	Vertical
9	20800.00	-56.46 RMS	38.00	-31.98	-9.54	-95.23	42.29	-13.00	-43.46	Vertical
10	22400.00	-62.98 RMS	38.40	-31.41	-9.54	-95.23	34.80	-13.00	-49.98	Vertical
11	24000.00	-55.89 RMS	39.20	-30.47	-9.54	-95.23	40.15	-13.00	-42.89	Vertical
12	25600.00	-62.67 RMS	39.10	-29.85	-9.54	-95.23	32.85	-13.00	-49.67	Vertical
13	30942.00	-57.78 RMS	40.60	-29.19	-9.54	-95.23	35.58	-13.00	-44.78	Vertical

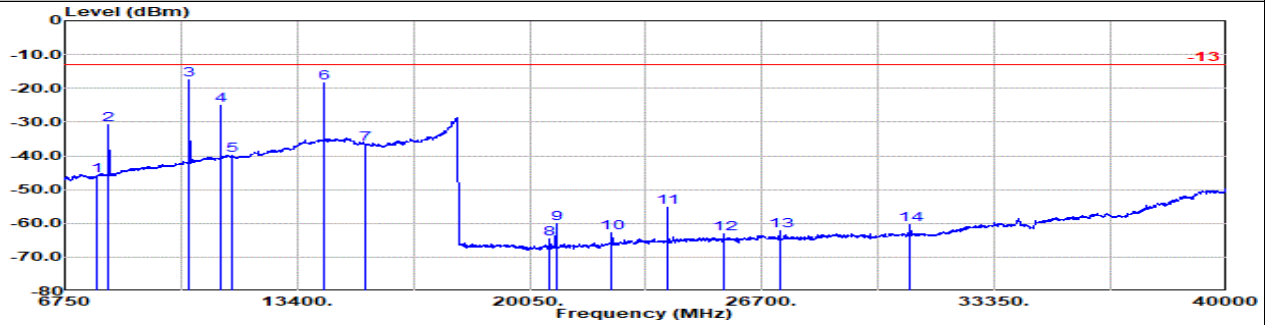


Ant. 1+2

Part 270 Mode 1

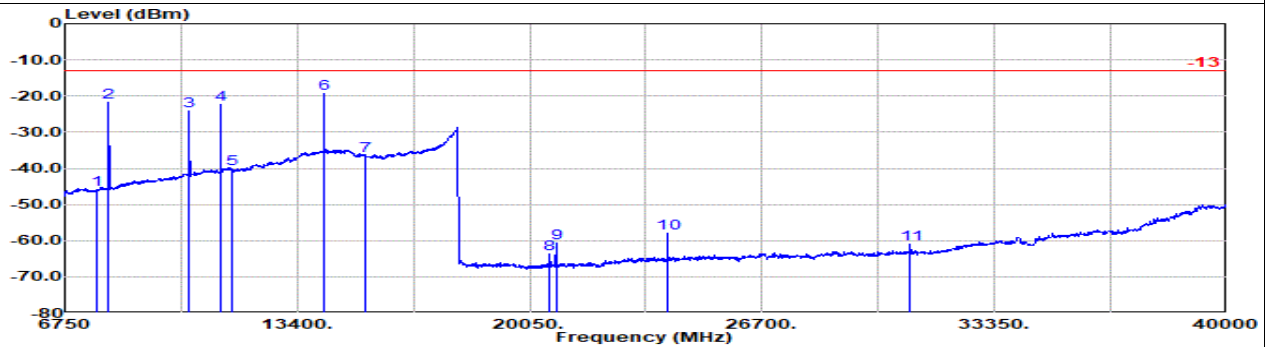
NR SA n77 MIMO 10M Ch656000 1RB1 QPSK

M



Site : 03CH12-HY
Condition: -13 3m 9120D-02114-250702 Horizontal
: NR Band 77 10M Ch656000 Full RB QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			g			
1	7680.00	-45.82	RMS	36.60	-21.98	0.57	-95.23	34.22	-13.00	-32.82	Horizontal
2	7998.75	-30.69	RMS	37.20	-21.88	0.18	-95.23	49.04	-13.00	-17.69	Horizontal
3	10316.25	-17.41	RMS	38.67	-19.97	0.15	-95.23	58.98	-13.00	-4.41	Horizontal
4	11205.00	-25.00	RMS	39.01	-18.99	0.24	-95.23	49.97	-13.00	-12.00	Horizontal
5	11520.00	-39.71	RMS	39.12	-18.81	0.27	-95.23	34.94	-13.00	-26.71	Horizontal
6	14152.50	-18.49	RMS	40.90	-15.42	0.04	-95.23	51.22	-13.00	-5.49	Horizontal
7	15360.00	-36.61	RMS	38.82	-15.93	0.08	-95.23	35.65	-13.00	-23.61	Horizontal
8	20632.00	-64.64	RMS	37.94	-32.10	-9.54	-95.23	34.29	-13.00	-51.64	Horizontal
9	20800.00	-59.97	RMS	38.00	-31.98	-9.54	-95.23	38.78	-13.00	-46.97	Horizontal
10	22400.00	-62.77	RMS	38.40	-31.41	-9.54	-95.23	35.01	-13.00	-49.77	Horizontal
11	24000.00	-55.21	RMS	39.20	-30.47	-9.54	-95.23	40.83	-13.00	-42.21	Horizontal
12	25600.00	-62.96	RMS	39.10	-29.85	-9.54	-95.23	32.56	-13.00	-49.96	Horizontal
13	27204.00	-62.13	RMS	39.49	-28.78	-9.54	-95.23	31.93	-13.00	-49.13	Horizontal
14	30942.00	-60.24	RMS	40.60	-29.19	-9.54	-95.23	33.12	-13.00	-47.24	Horizontal



Site : 03CH12-HY
Condition: -13 3m 9120D-02114-250702 Vertical
: NR Band 77 10M Ch656000 Full RB QPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1			g			
1	7680.00	-45.84	RMS	36.60	-21.98	0.57	-95.23	34.20	-13.00	-32.84	Vertical
2	7998.75	-21.64	RMS	37.20	-21.88	0.18	-95.23	58.09	-13.00	-8.64	Vertical
3	10316.25	-24.27	RMS	38.67	-19.97	0.15	-95.23	52.12	-13.00	-11.27	Vertical
4	11205.00	-22.23	RMS	39.01	-18.99	0.24	-95.23	52.74	-13.00	-9.23	Vertical
5	11520.00	-40.18	RMS	39.12	-18.81	0.27	-95.23	34.47	-13.00	-27.18	Vertical
6	14152.50	-19.34	RMS	40.90	-15.42	0.04	-95.23	50.37	-13.00	-6.34	Vertical
7	15360.00	-36.42	RMS	38.82	-15.93	0.08	-95.23	35.84	-13.00	-23.42	Vertical
8	20632.00	-63.59	RMS	37.94	-32.10	-9.54	-95.23	35.34	-13.00	-50.59	Vertical
9	20800.00	-60.67	RMS	38.00	-31.98	-9.54	-95.23	38.08	-13.00	-47.67	Vertical
10	24000.00	-57.87	RMS	39.20	-30.47	-9.54	-95.23	38.17	-13.00	-44.87	Vertical
11	30942.00	-60.87	RMS	40.60	-29.19	-9.54	-95.23	32.49	-13.00	-47.87	Vertical

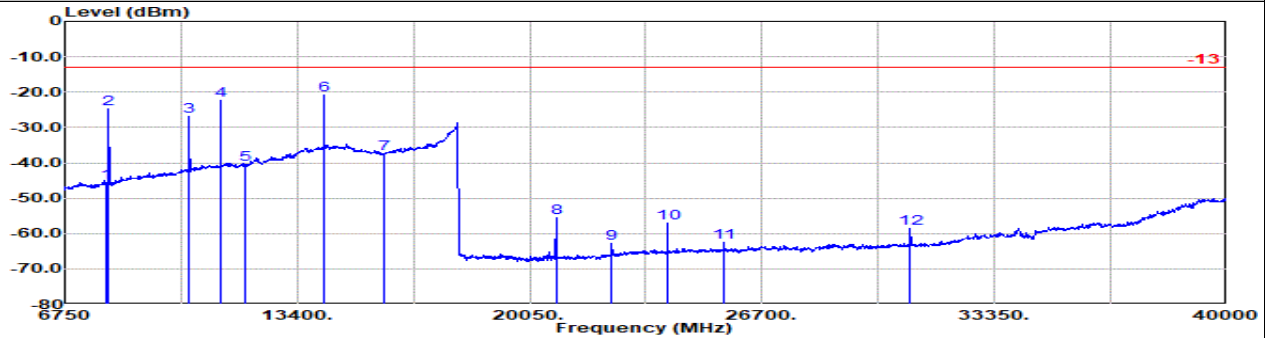


Ant. 1+2

Part 270 Mode 1

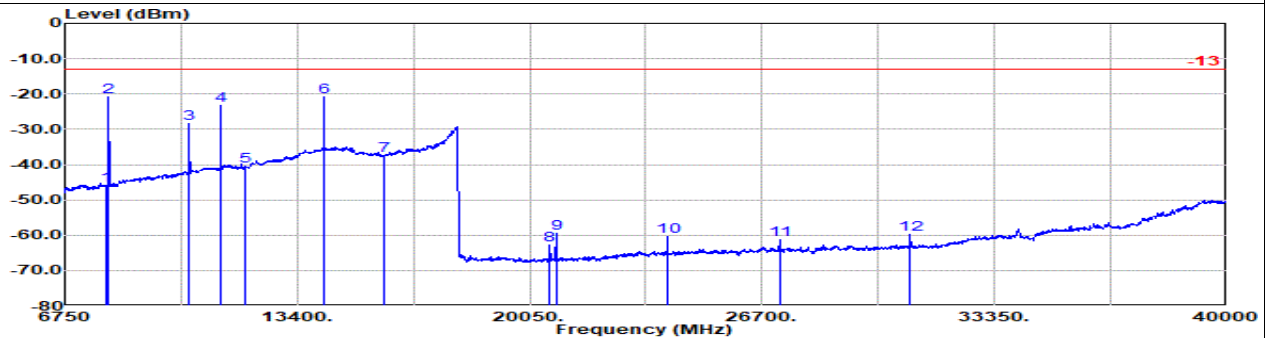
NR SA n77 MIMO 10M Ch665000 1RB1 QPSK

H



Site : 03CH12-HY
Condition: -13 3m 9120D-02114-250702 Horizontal
NR Band 77 10M Ch665000 Full RB QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7950.00	-45.71	RMS	37.10	-21.89	0.28	-95.23	34.03	-13.00	-32.71	Horizontal
2	7998.75	-24.69	RMS	37.20	-21.88	0.18	-95.23	55.04	-13.00	-11.69	Horizontal
3	10316.25	-26.75	RMS	38.67	-19.97	0.15	-95.23	49.64	-13.00	-13.75	Horizontal
4	11205.00	-22.20	RMS	39.01	-18.99	0.24	-95.23	52.77	-13.00	-9.20	Horizontal
5	11925.00	-40.54	RMS	38.85	-18.57	0.31	-95.23	34.10	-13.00	-27.54	Horizontal
6	14152.50	-20.93	RMS	40.90	-15.42	0.04	-95.23	48.78	-13.00	-7.93	Horizontal
7	15900.00	-37.35	RMS	38.10	-15.73	0.10	-95.23	35.41	-13.00	-24.35	Horizontal
8	20800.00	-55.49	RMS	38.00	-31.98	-9.54	-95.23	43.26	-13.00	-42.49	Horizontal
9	22400.00	-62.79	RMS	38.40	-31.41	-9.54	-95.23	34.99	-13.00	-49.79	Horizontal
10	24000.00	-57.13	RMS	39.20	-30.47	-9.54	-95.23	38.91	-13.00	-44.13	Horizontal
11	25600.00	-62.46	RMS	39.10	-29.85	-9.54	-95.23	33.06	-13.00	-49.46	Horizontal
12	30942.00	-58.68	RMS	40.60	-29.19	-9.54	-95.23	34.68	-13.00	-45.68	Horizontal



Site : 03CH12-HY
Condition: -13 3m 9120D-02114-250702 Vertical
NR Band 77 10M Ch665000 Full RB QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7950.00	-45.78	RMS	37.10	-21.89	0.28	-95.23	33.96	-13.00	-32.78	Vertical
2	7998.75	-20.69	RMS	37.20	-21.88	0.18	-95.23	59.04	-13.00	-7.69	Vertical
3	10316.25	-28.36	RMS	38.67	-19.97	0.15	-95.23	48.03	-13.00	-15.36	Vertical
4	11205.00	-23.19	RMS	39.01	-18.99	0.24	-95.23	51.78	-13.00	-10.19	Vertical
5	11925.00	-40.57	RMS	38.85	-18.57	0.31	-95.23	34.07	-13.00	-27.57	Vertical
6	14152.50	-20.74	RMS	40.90	-15.42	0.04	-95.23	48.97	-13.00	-7.74	Vertical
7	15900.00	-37.58	RMS	38.10	-15.73	0.10	-95.23	35.18	-13.00	-24.58	Vertical
8	20632.00	-62.68	RMS	37.94	-32.10	-9.54	-95.23	36.25	-13.00	-49.68	Vertical
9	20800.00	-59.47	RMS	38.00	-31.98	-9.54	-95.23	39.28	-13.00	-46.47	Vertical
10	24000.00	-60.36	RMS	39.20	-30.47	-9.54	-95.23	35.68	-13.00	-47.36	Vertical
11	27204.00	-61.23	RMS	39.49	-28.78	-9.54	-95.23	32.83	-13.00	-48.23	Vertical
12	30942.00	-59.72	RMS	40.60	-29.19	-9.54	-95.23	33.64	-13.00	-46.72	Vertical

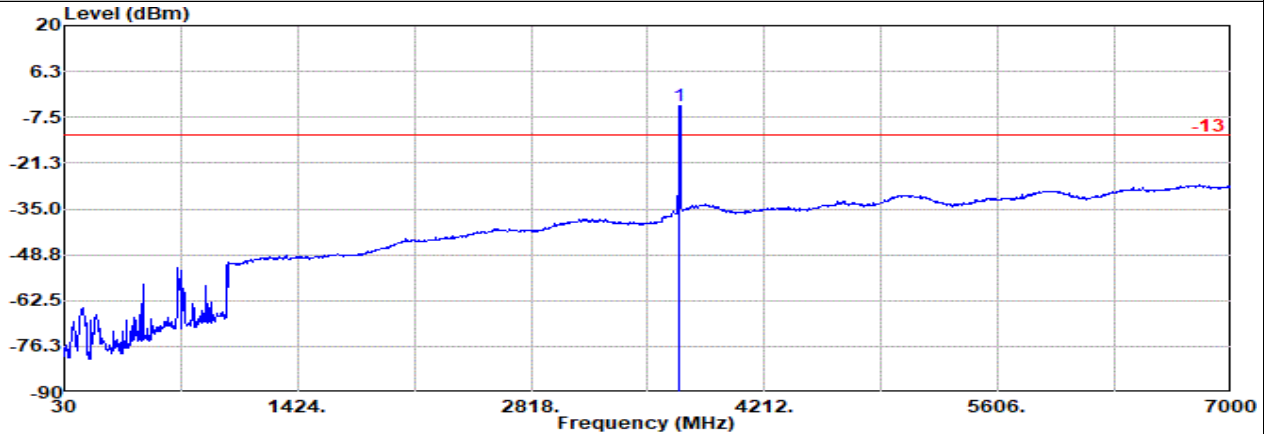


Ant. 1+2

Part 270 Mode 1

NR SA n77 MIMO 10M Ch647000 1RB1 QPSK

L



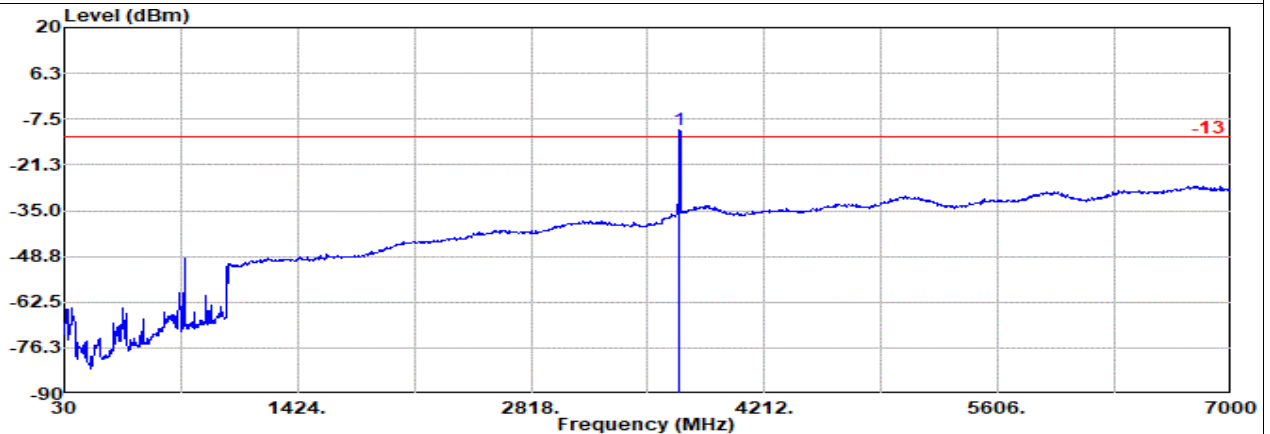
Site : 03CH12-HY

Condition: -13 3m 9120D-02114-250702 Horizontal

: SA n77 10M Ch647000 Full RB 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	3705.00	-4.12	RMS	29.93	8.43	0.00	-95.23	52.75	-13.00	8.88	Horizontal



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-250702 Vertical

: SA n77 10M Ch647000 Full RB 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	3705.00	-10.55	RMS	29.93	8.43	0.00	-95.23	46.32	-13.00	2.45	Vertical