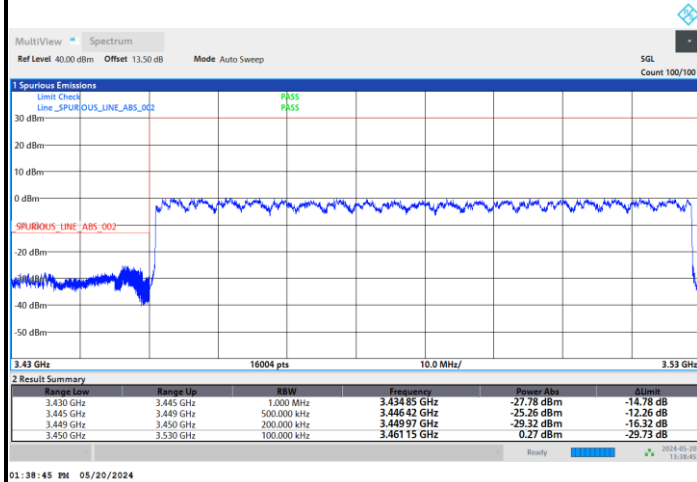


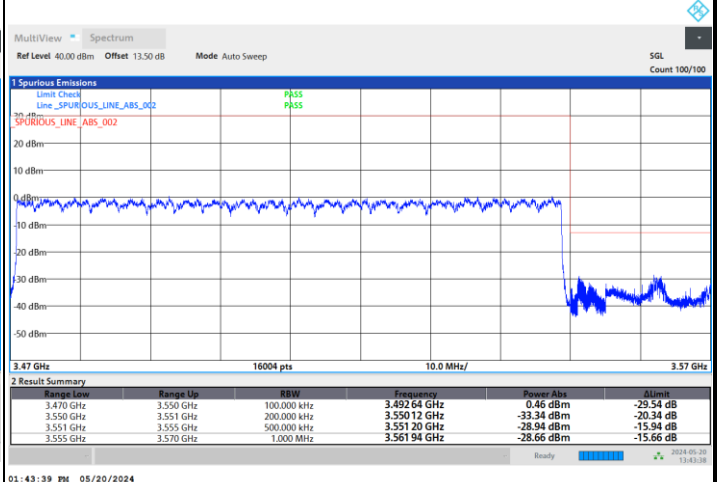


FR1 n77 (PC1.5) / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

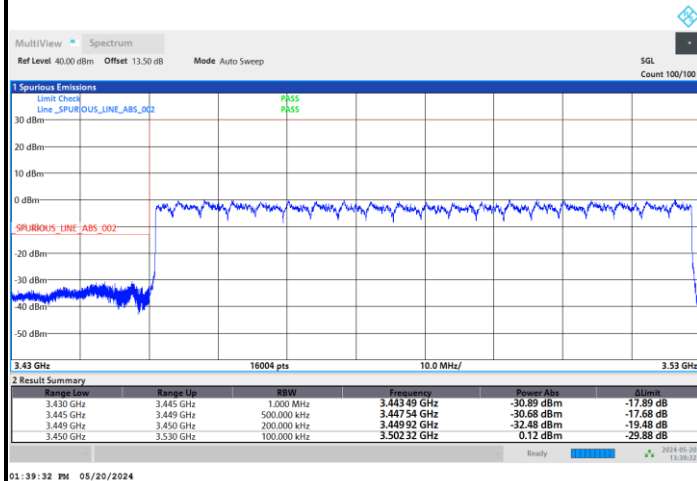


Highest Band Edge / Full RB

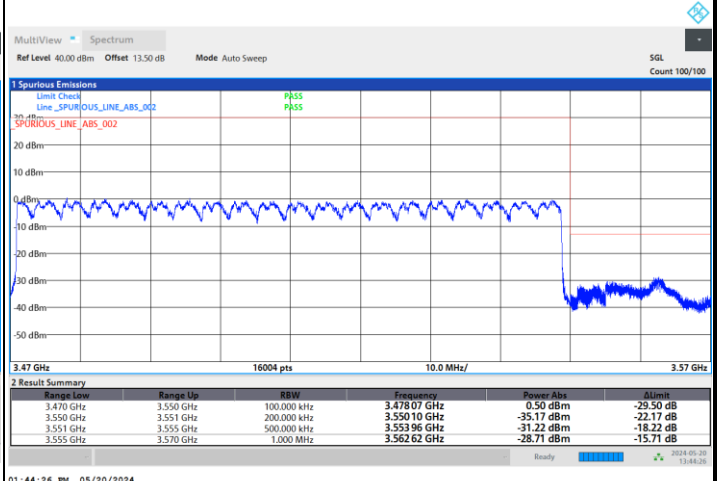


FR1 n77 (PC1.5) / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



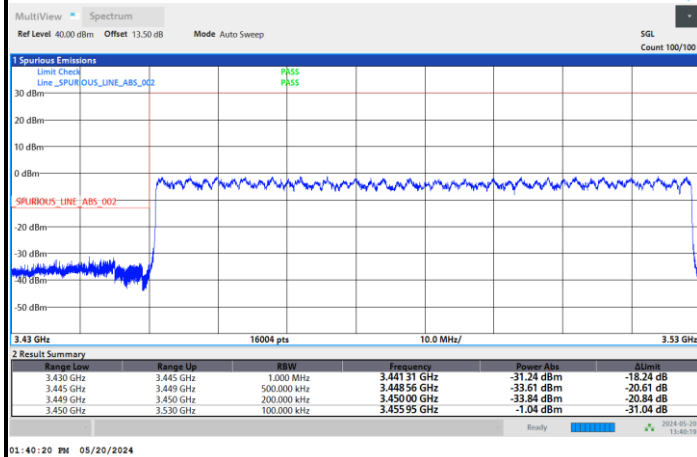
Highest Band Edge / Full RB



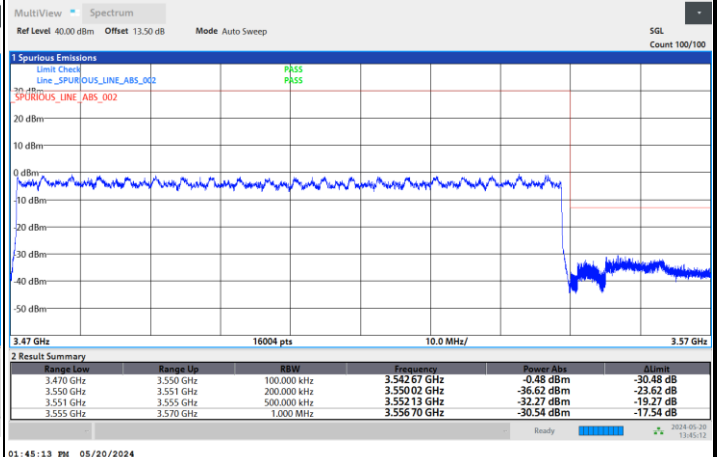


FR1 n77 (PC1.5) / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

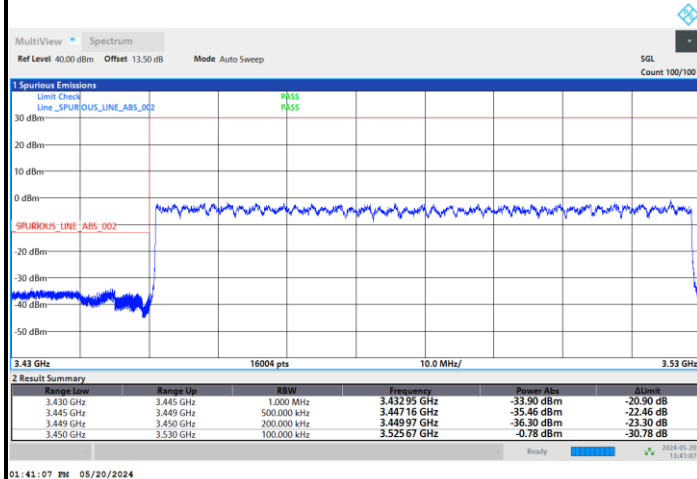


Highest Band Edge / Full RB

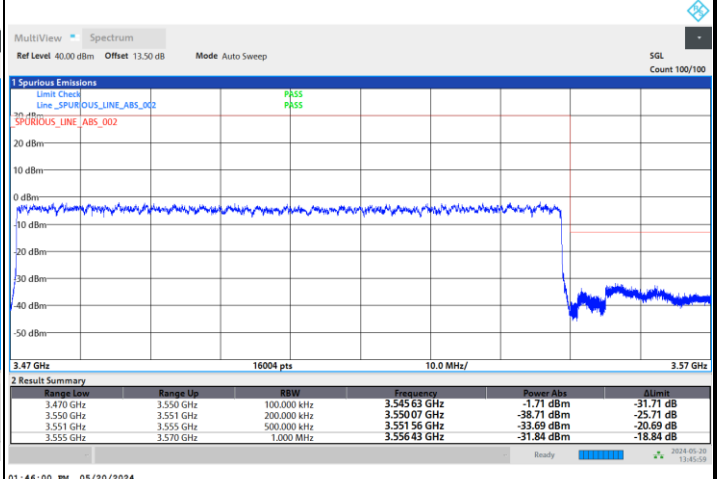


FR1 n77 (PC1.5) / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



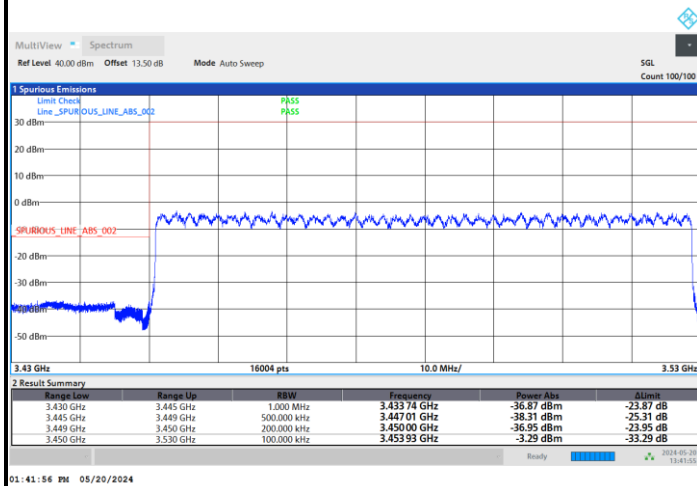
Highest Band Edge / Full RB



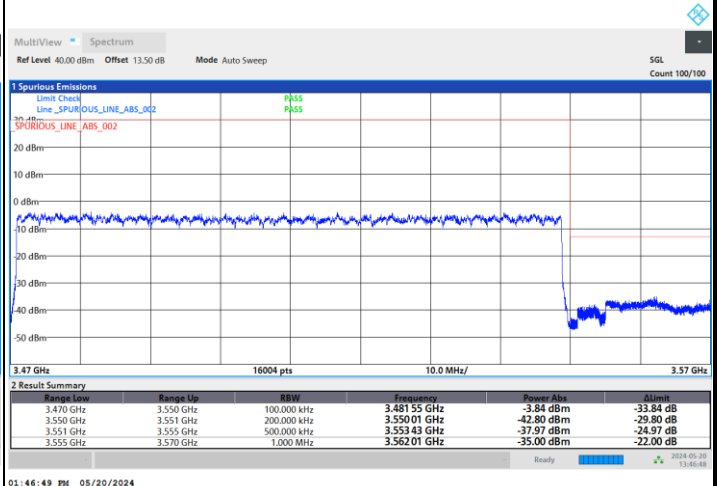


FR1 n77 (PC1.5) / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

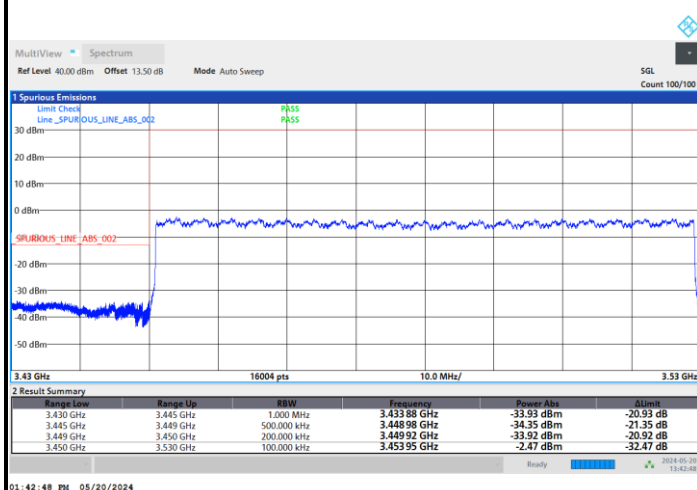


Highest Band Edge / Full RB

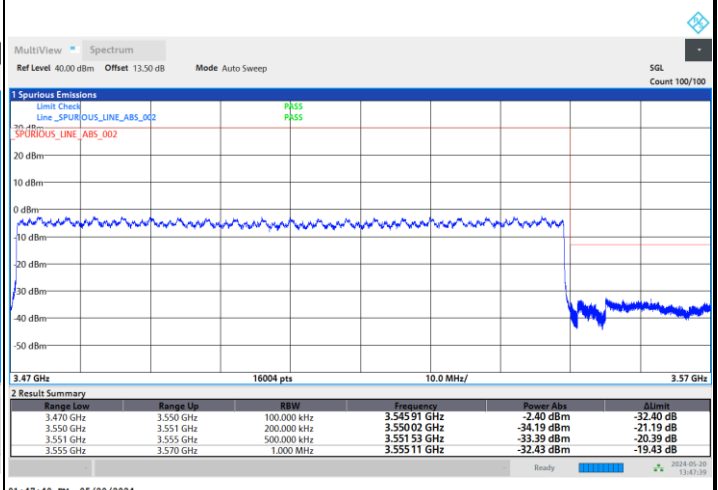


FR1 n77 (PC1.5) / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



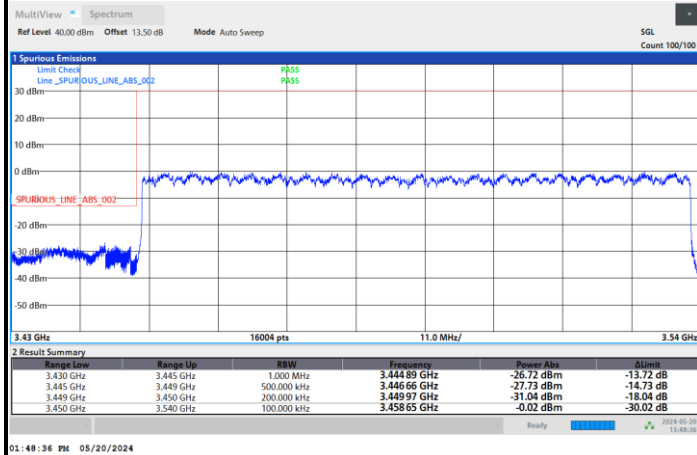
Highest Band Edge



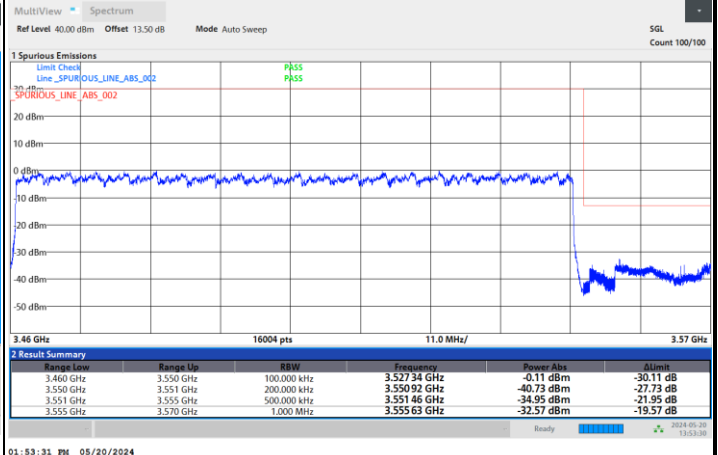


FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

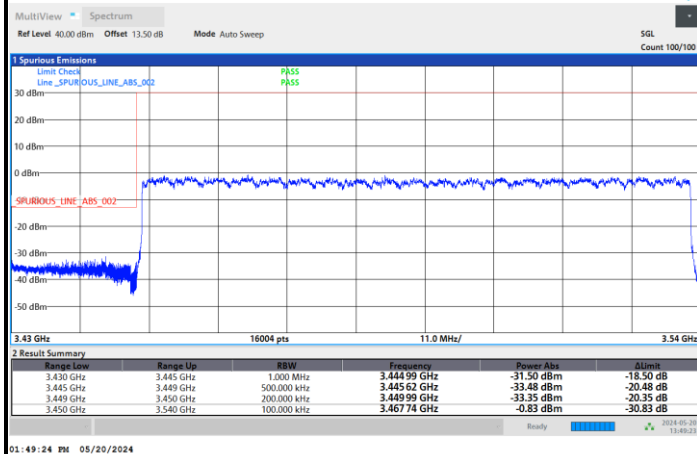


Highest Band Edge / Full RB

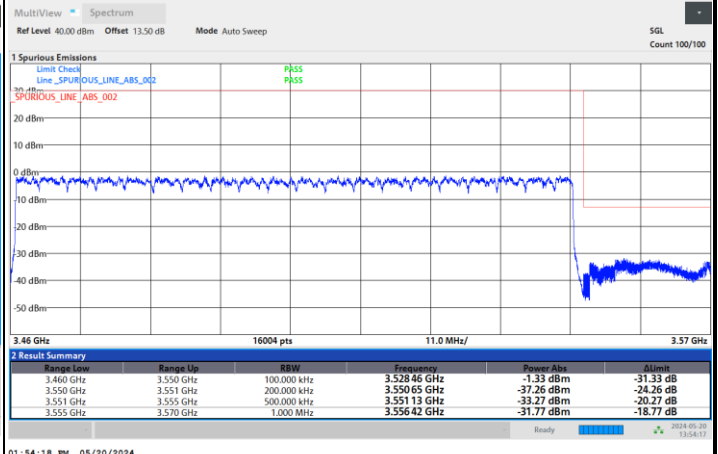


FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



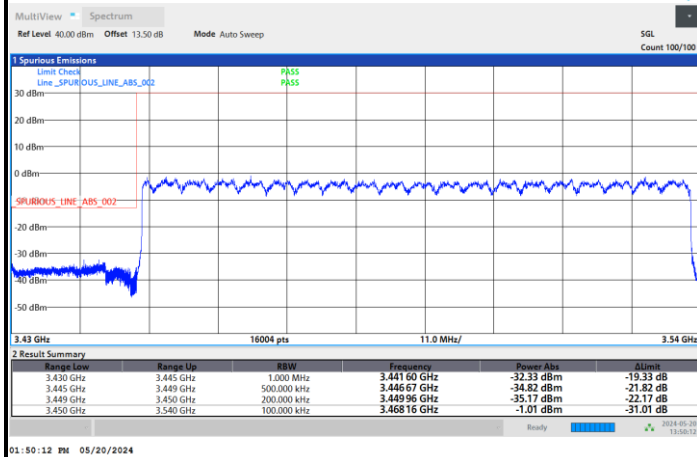
Highest Band Edge / Full RB



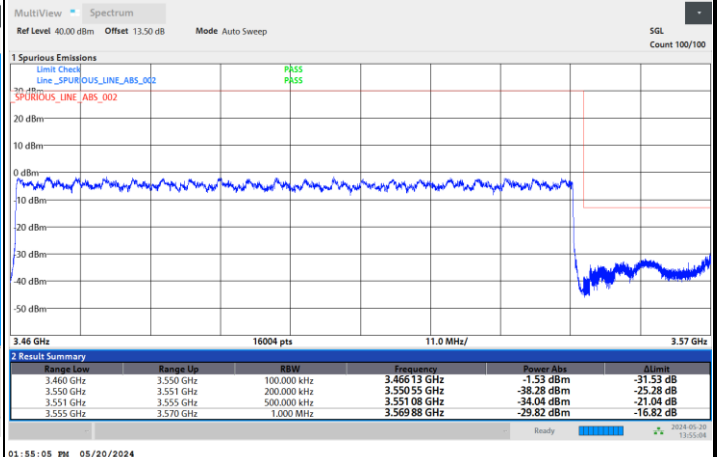


FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

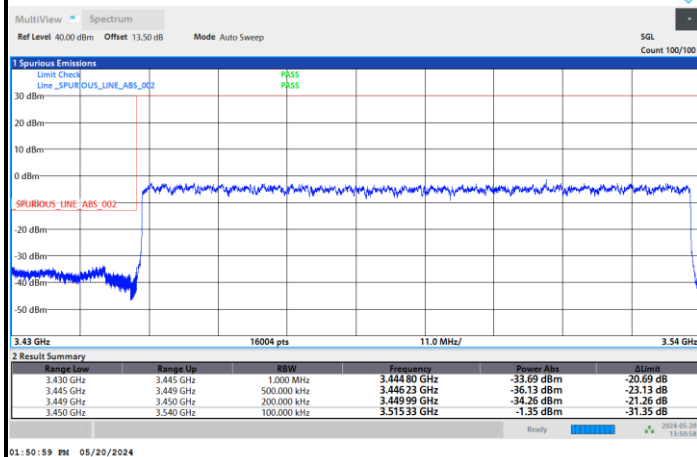


Highest Band Edge / Full RB

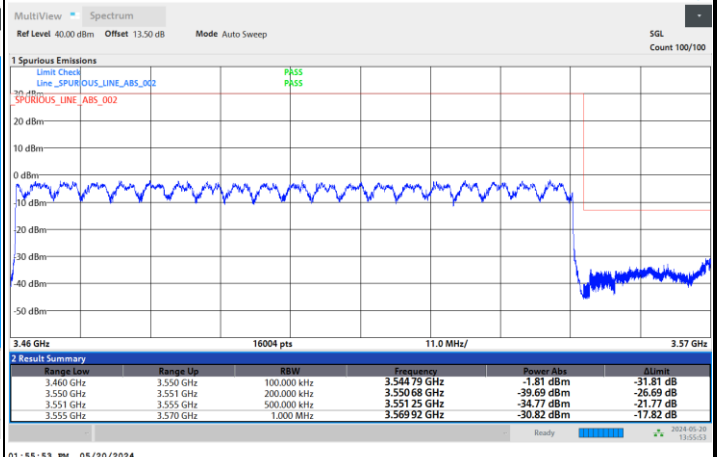


FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



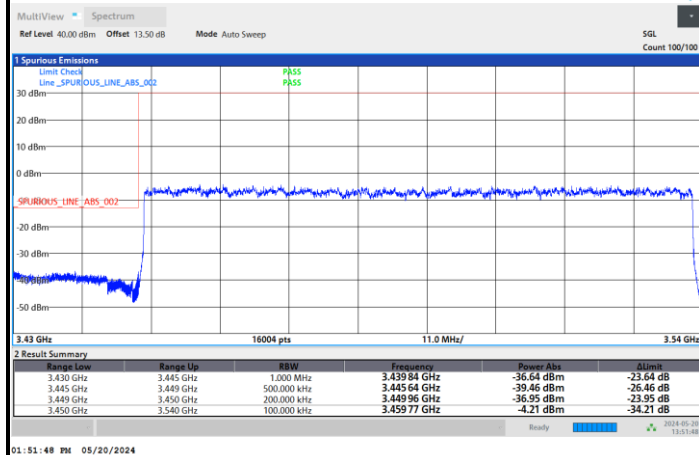
Highest Band Edge / Full RB



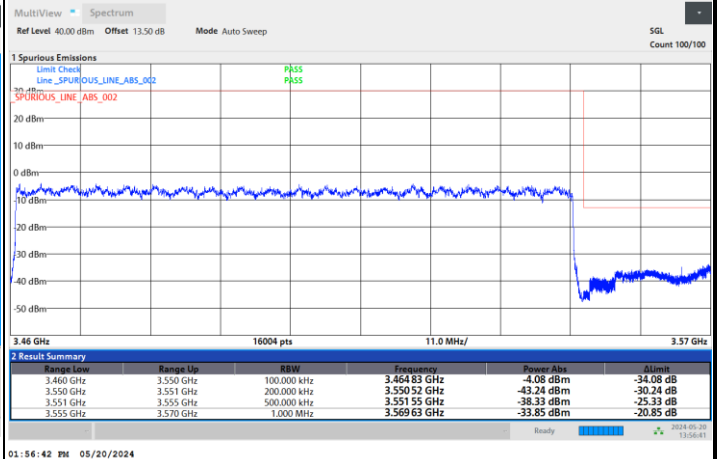


FR1 n77 (PC1.5) / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

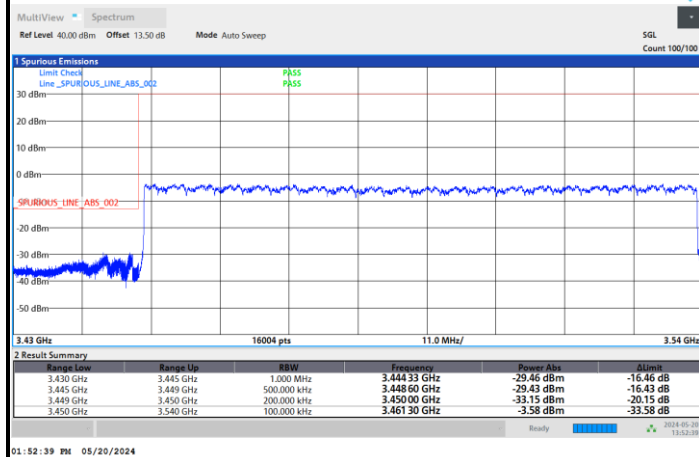


Highest Band Edge / Full RB

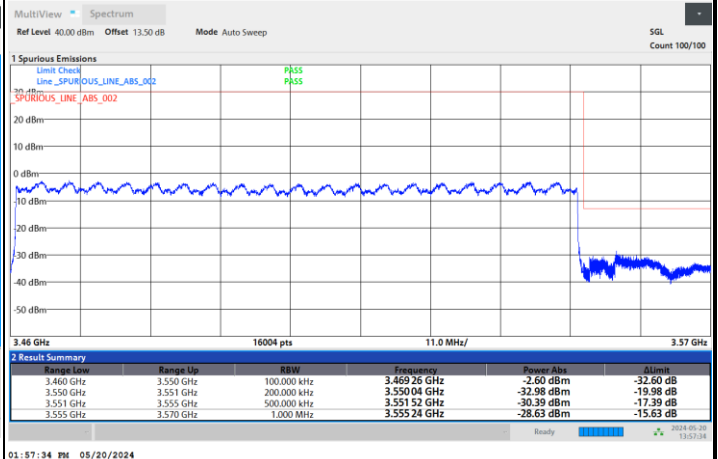


FR1 n77 (PC1.5) / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



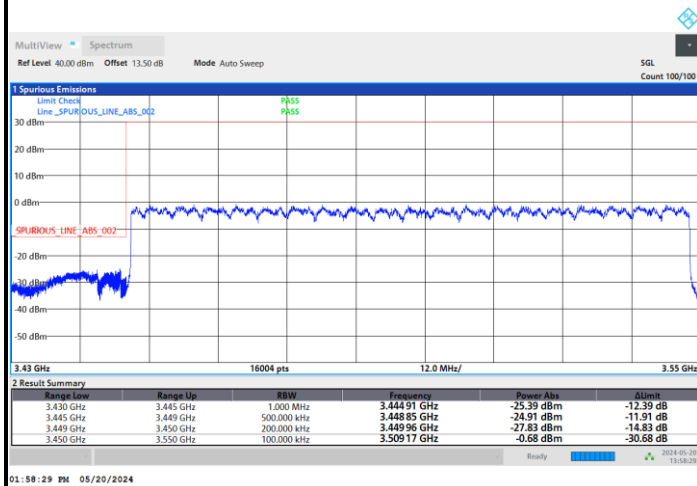
Highest Band Edge



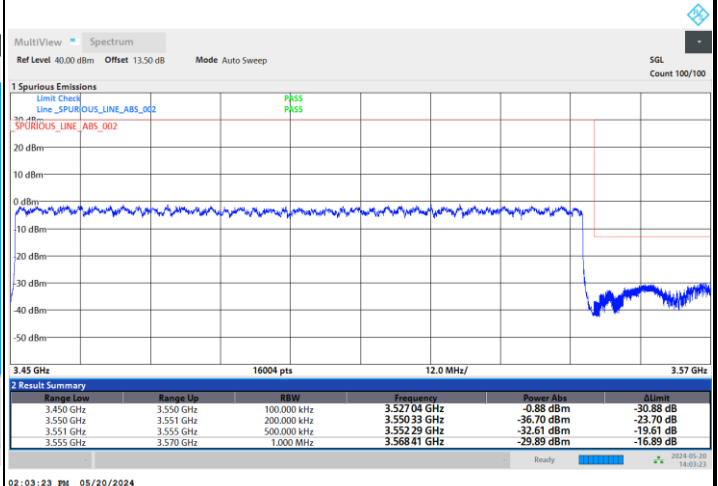


FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

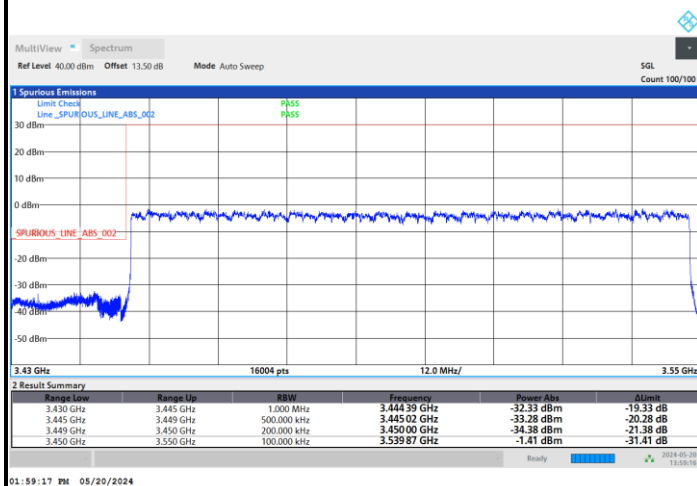


Highest Band Edge / Full RB

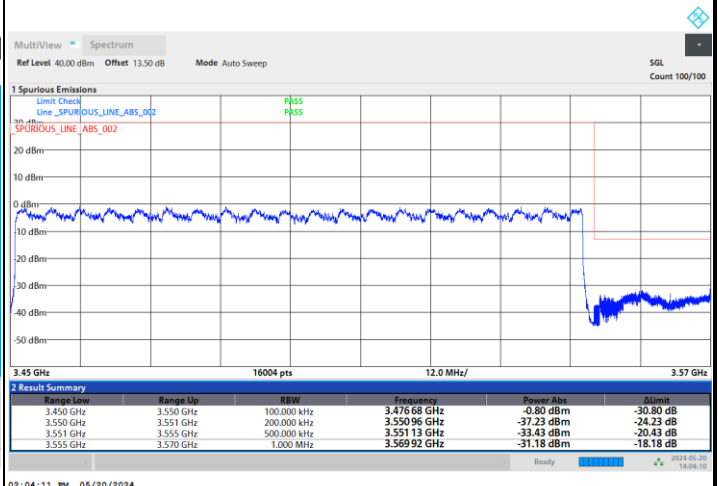


FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



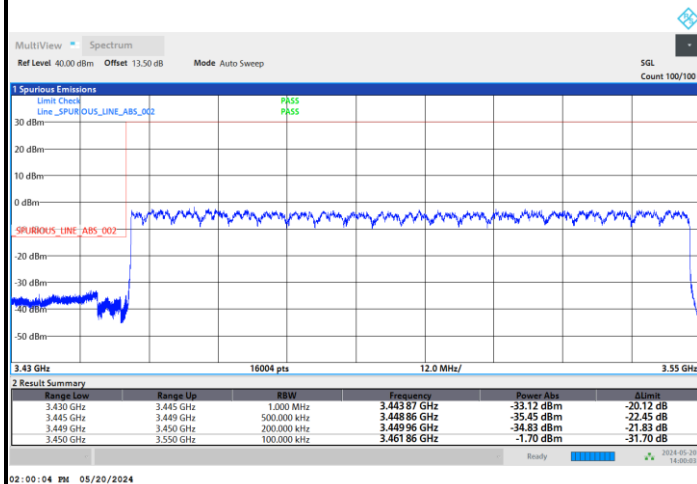
Highest Band Edge / Full RB



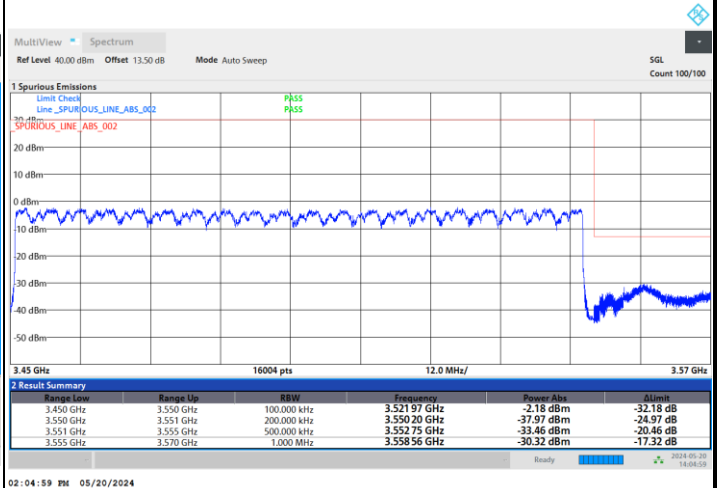


FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

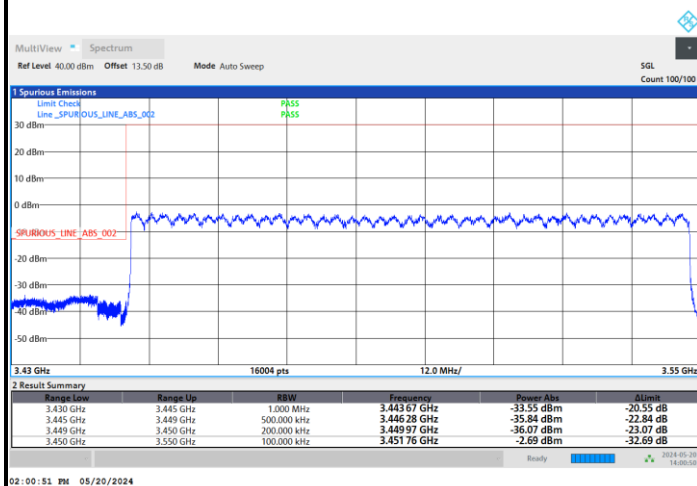


Highest Band Edge / Full RB

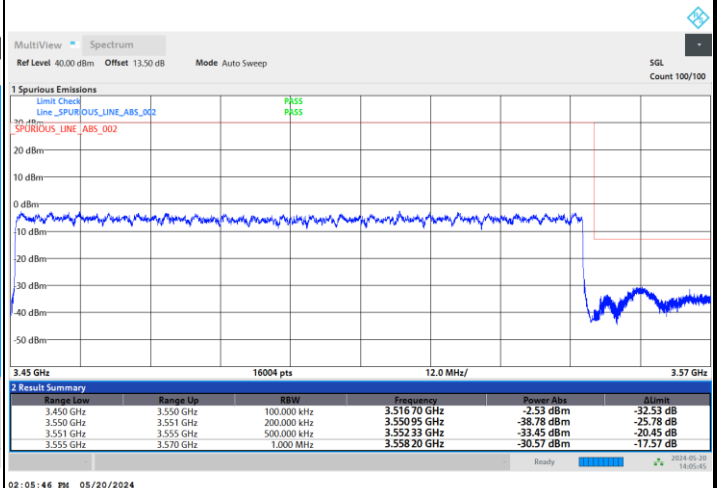


FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



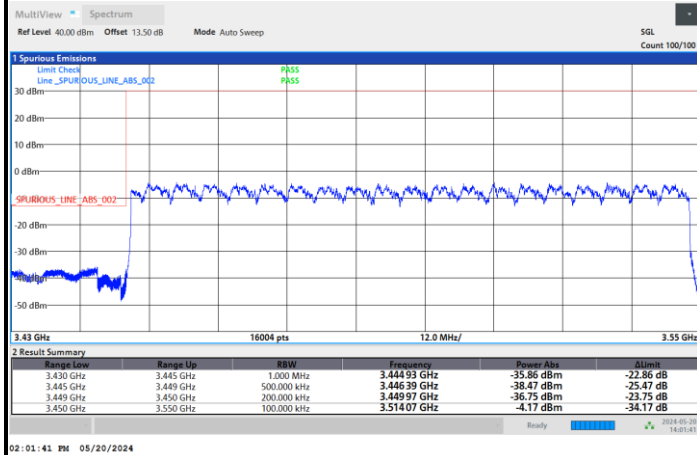
Highest Band Edge / Full RB



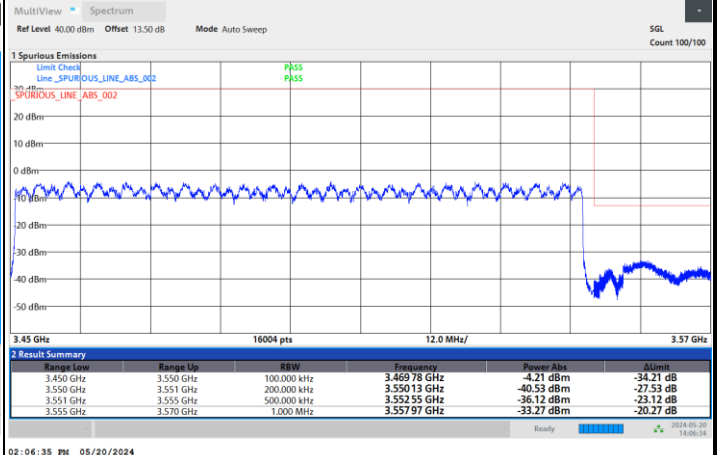


FR1 n77 (PC1.5) / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

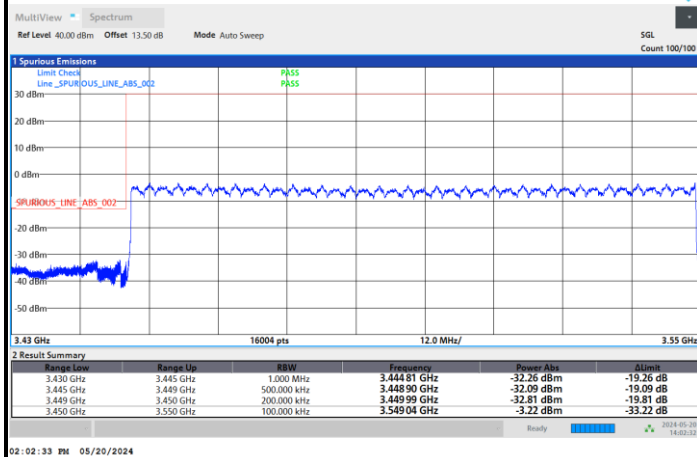


Highest Band Edge / Full RB

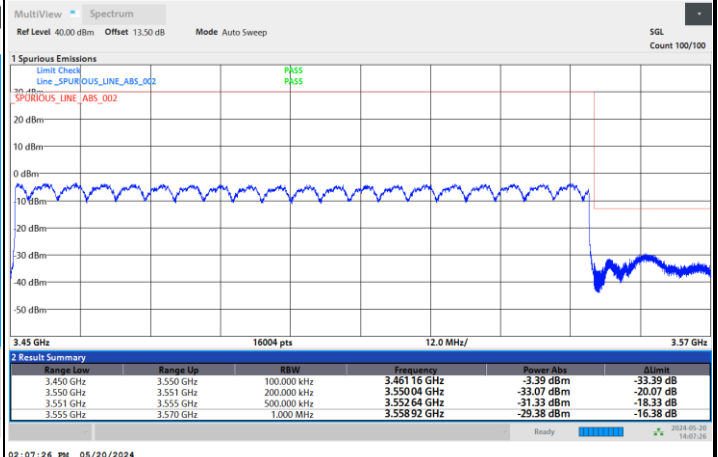


FR1 n77 (PC1.5) / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

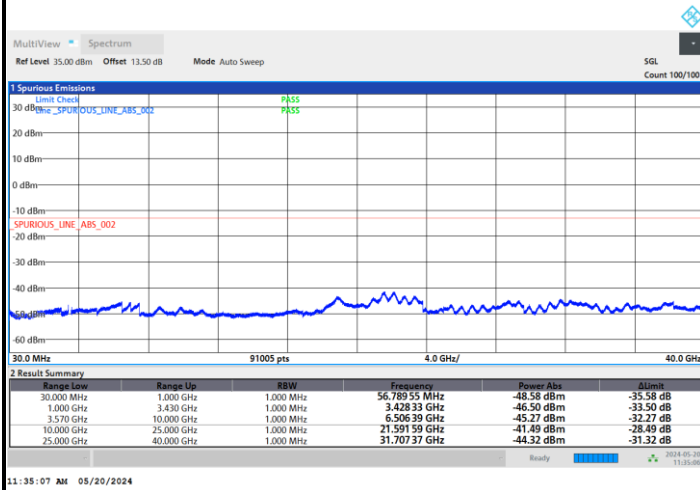




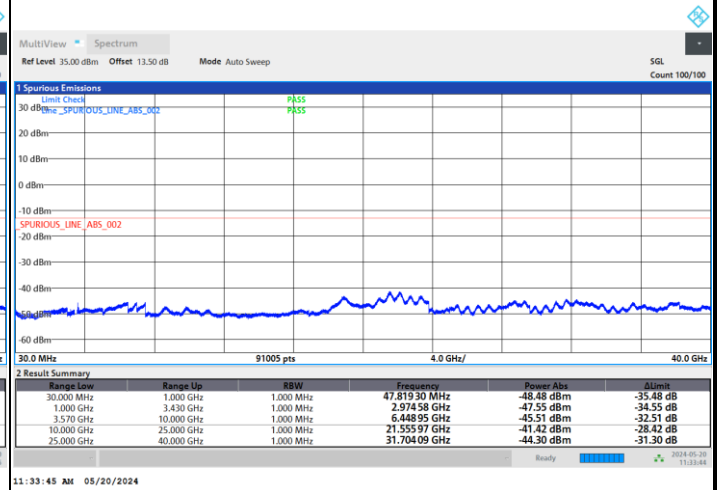
Conducted Spurious Emission

FR1 n77 (PC1.5) / 10MHz / DFT-S OFDM / QPSK / 1RB1

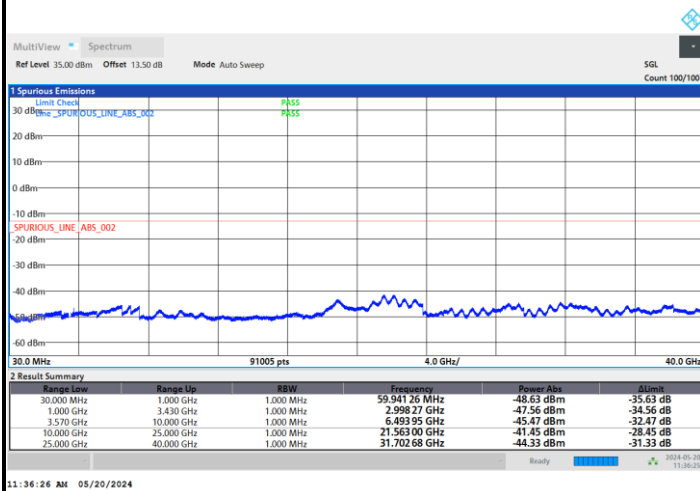
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (PC1.5) (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0083	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0059	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0090	
20	Battery End Point	0.0178	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 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)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 27M	NR SA n41 (PC1.5)	M	10355	-38.98	RMS	39.09	-18.31	0.46	-95.23	35.01	-25.00	-13.98	H	2+0
2	Part 27O	NR SA n77 (PC1.5)	L	14803	-33.00	RMS	40.59	-13.58	0.42	-95.23	34.80	-13.00	-20.00	H	3+1
3	Part 27Q	NR SA n77 (PC1.5)	M	13983	-32.35	RMS	40.73	-13.40	0.46	-95.23	35.09	-13.00	-19.35	V	3+1

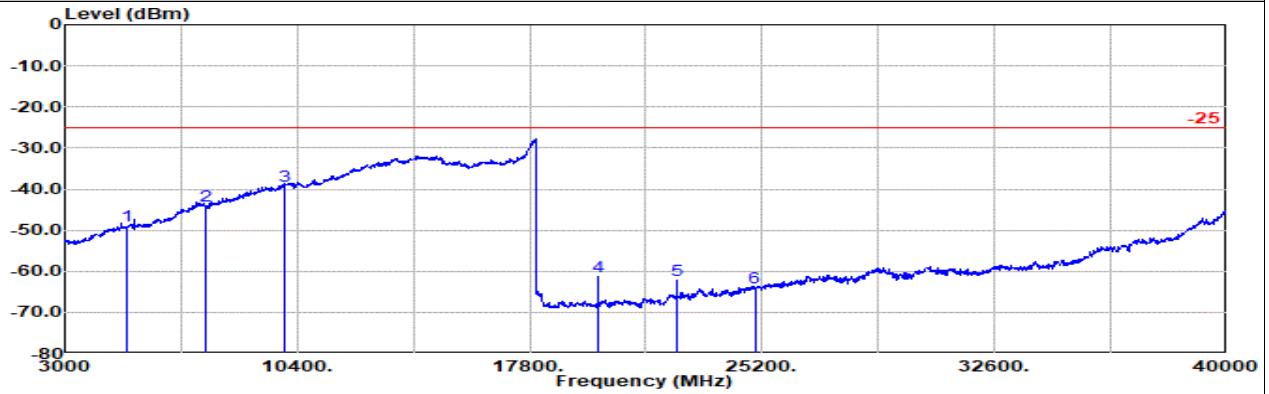


Ant2+0

Part 27M Mode 1

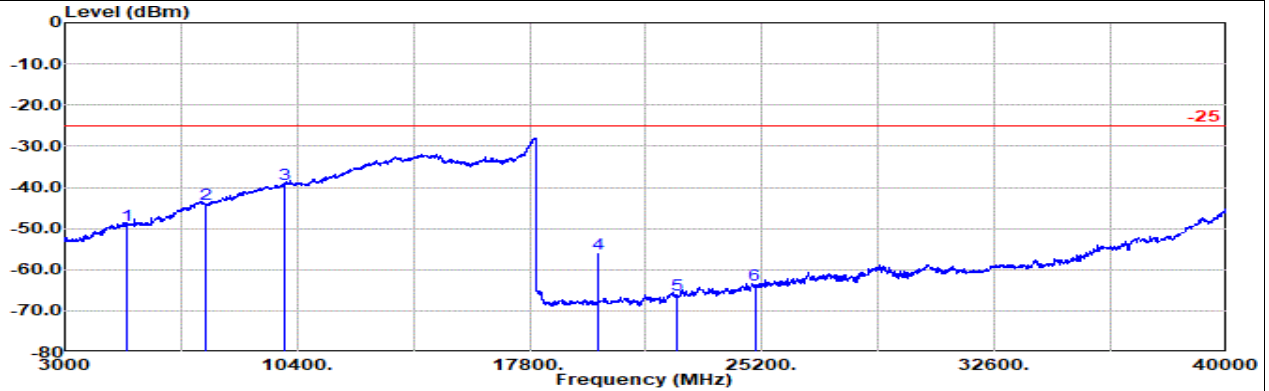
NR SA n41 (PC1.5) 10M Ch500202 1RB0 QPSK

L



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-230731 Horizontal
: NR SA n41 10M Ch500202 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin	Pol
					dB/m	dB		dB	dB				
1	4994.00	-49.04	RMS	33.16	-23.32	0.47	-95.23	35.88	-25.00	-24.04	Horizontal		
2	7490.00	-44.20	RMS	36.54	-20.85	0.34	-95.23	35.00	-25.00	-19.20	Horizontal		
3	9987.00	-39.15	RMS	38.55	-18.45	0.47	-95.23	35.51	-25.00	-14.15	Horizontal		
4	19974.00	-61.33	RMS	37.65	-30.76	-9.54	-95.23	36.55	-25.00	-36.33	Horizontal		
5	22471.00	-62.26	RMS	38.34	-29.17	-9.54	-95.23	33.34	-25.00	-37.26	Horizontal		
6	24968.00	-63.94	RMS	39.37	-26.81	-9.54	-95.23	28.27	-25.00	-38.94	Horizontal		



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-230731 Vertical
: NR SA n41 10M Ch500202 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin	Pol
					dB/m	dB		dB	dB				
1	4994.00	-49.11	RMS	33.16	-23.32	0.47	-95.23	35.81	-25.00	-24.11	Vertical		
2	7490.00	-44.08	RMS	36.54	-20.85	0.34	-95.23	35.12	-25.00	-19.08	Vertical		
3	9987.00	-39.16	RMS	38.55	-18.45	0.47	-95.23	35.50	-25.00	-14.16	Vertical		
4	19974.00	-56.23	RMS	37.65	-30.76	-9.54	-95.23	41.65	-25.00	-31.23	Vertical		
5	22471.00	-66.07	RMS	38.34	-29.17	-9.54	-95.23	29.53	-25.00	-41.07	Vertical		
6	24968.00	-63.68	RMS	39.37	-26.81	-9.54	-95.23	28.53	-25.00	-38.68	Vertical		

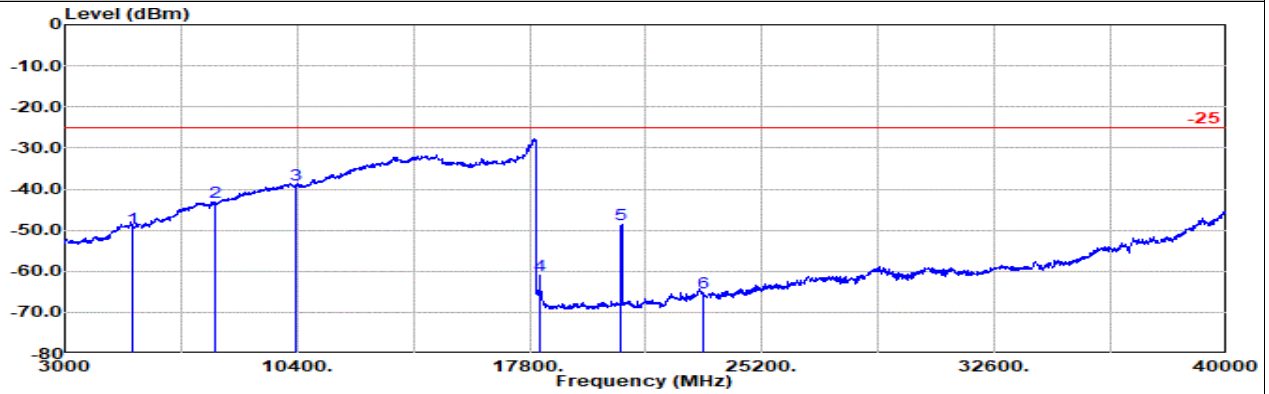


Ant 2+0

Part 27M Mode 1

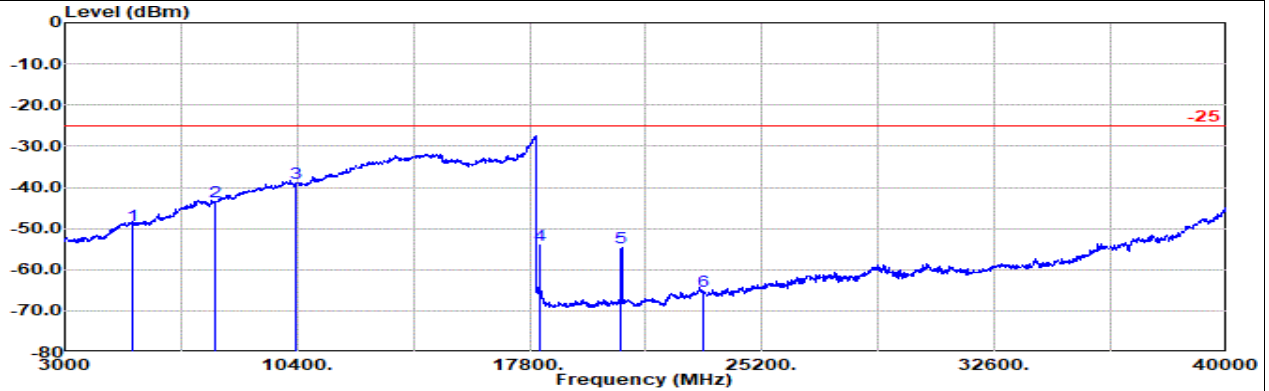
NR SA n41 (PC1.5) 10M Ch518598 1RB0 QPSK

M



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-230731 Horizontal
: NR SA n41 10M Ch518598 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g	dBm		
1	5177.00	-49.36	RMS	33.15	-22.95	0.47	-95.23	35.20	-25.00	-24.36 Horizontal
2	7766.00	-43.12	RMS	36.86	-20.95	0.40	-95.23	35.80	-25.00	-18.12 Horizontal
3	10355.00	-38.98	RMS	39.09	-18.31	0.46	-95.23	35.01	-25.00	-13.98 Horizontal
4	18121.00	-60.99	RMS	37.92	-32.11	-9.54	-95.23	37.97	-25.00	-35.99 Horizontal
5	20710.00	-48.58	RMS	37.98	-30.14	-9.54	-95.23	48.35	-25.00	-23.58 Horizontal
6	23299.00	-65.14	RMS	38.70	-28.31	-9.54	-95.23	29.24	-25.00	-40.14 Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-230731 Vertical
: NR SA n41 10M Ch518598 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g	dBm		
1	5177.00	-49.25	RMS	33.15	-22.95	0.47	-95.23	35.31	-25.00	-24.25 Vertical
2	7766.00	-43.36	RMS	36.86	-20.95	0.40	-95.23	35.56	-25.00	-18.36 Vertical
3	10355.00	-39.00	RMS	39.09	-18.31	0.46	-95.23	34.99	-25.00	-14.00 Vertical
4	18121.00	-53.92	RMS	37.92	-32.11	-9.54	-95.23	45.04	-25.00	-28.92 Vertical
5	20710.00	-54.53	RMS	37.98	-30.14	-9.54	-95.23	42.40	-25.00	-29.53 Vertical
6	23299.00	-65.21	RMS	38.70	-28.31	-9.54	-95.23	29.17	-25.00	-40.21 Vertical

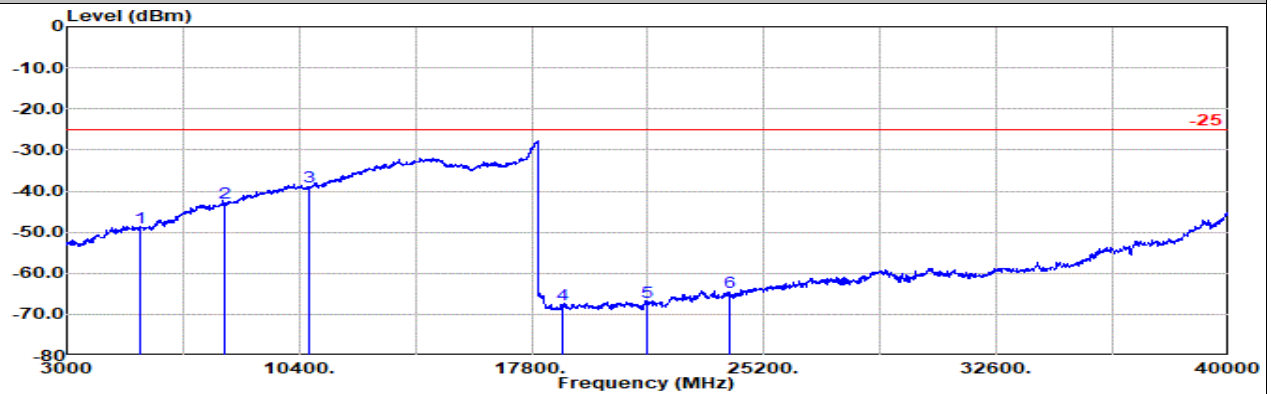


Ant 2+0

Part 27M Mode 1

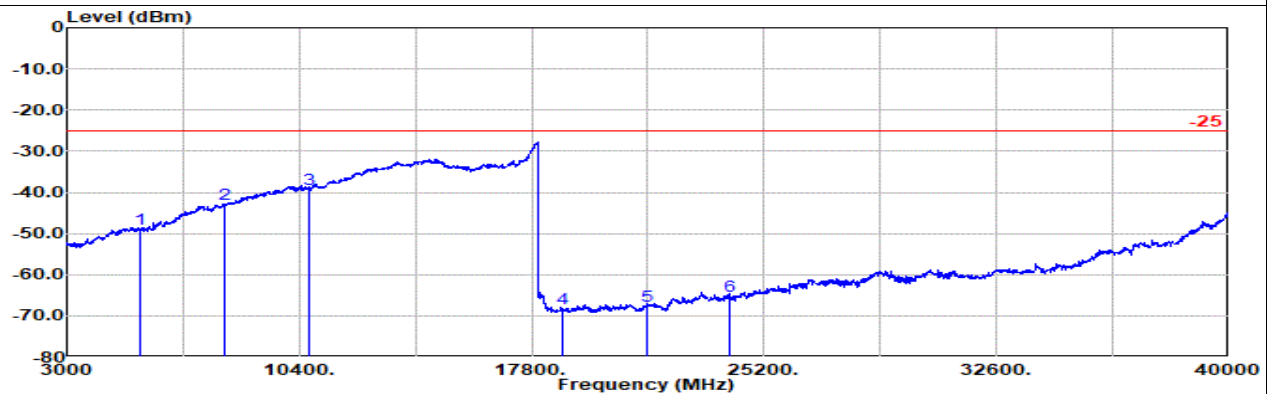
NR SA n41 (PC1.5) 10M Ch537000 1RB0 QPSK

H



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-230731 Horizontal
: NR SA n41 10M Ch537000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF		Readin g	Limit dBm	Margin dB	Pol
				Factor	1	dB	dB				
1	5361.00	-48.88	RMS	33.18	-21.95	0.43	-95.23	34.69	-25.00	-23.88	Horizontal
2	8042.00	-42.96	RMS	37.30	-20.63	0.41	-95.23	35.19	-25.00	-17.96	Horizontal
3	10723.00	-38.99	RMS	39.25	-17.93	0.45	-95.23	34.47	-25.00	-13.99	Horizontal
4	18765.00	-67.56	RMS	38.26	-31.93	-9.54	-95.23	30.88	-25.00	-42.56	Horizontal
5	21446.00	-66.94	RMS	38.40	-29.79	-9.54	-95.23	29.22	-25.00	-41.94	Horizontal
6	24126.00	-64.72	RMS	38.84	-27.82	-9.54	-95.23	29.03	-25.00	-39.72	Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-230731 Vertical
: NR SA n41 10M Ch537000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF		Readin g	Limit dBm	Margin dB	Pol
				Factor	1	dB	dB				
1	5361.00	-49.00	RMS	33.18	-21.95	0.43	-95.23	34.57	-25.00	-24.00	Vertical
2	8042.00	-42.72	RMS	37.30	-20.63	0.41	-95.23	35.43	-25.00	-17.72	Vertical
3	10723.00	-39.17	RMS	39.25	-17.93	0.45	-95.23	34.29	-25.00	-14.17	Vertical
4	18765.00	-68.21	RMS	37.77	-31.93	-9.54	-95.23	30.72	-25.00	-43.21	Vertical
5	21446.00	-67.49	RMS	38.09	-29.79	-9.54	-95.23	28.98	-25.00	-42.49	Vertical
6	24126.00	-65.12	RMS	38.75	-27.82	-9.54	-95.23	28.72	-25.00	-40.12	Vertical

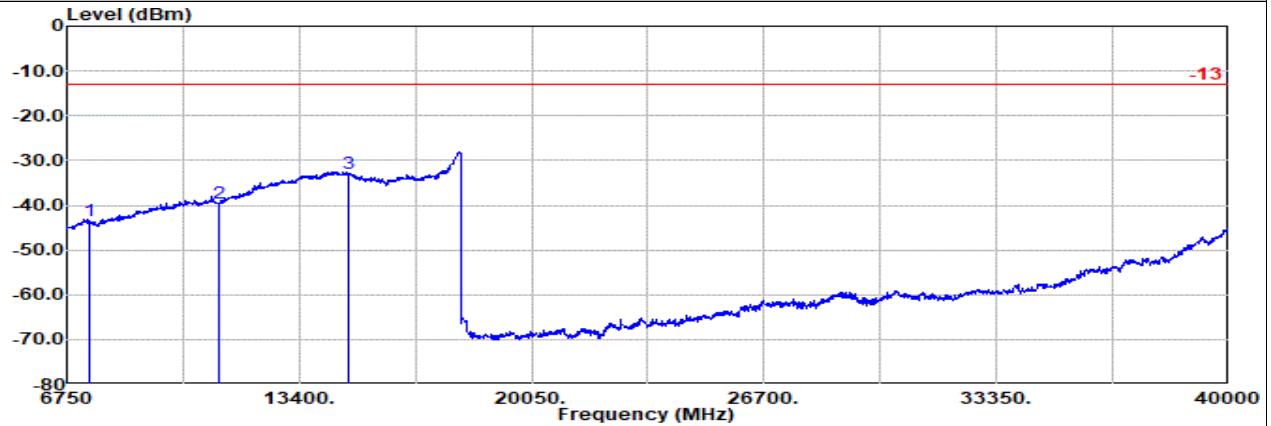


Ant 3+1

Part 270 Mode 2

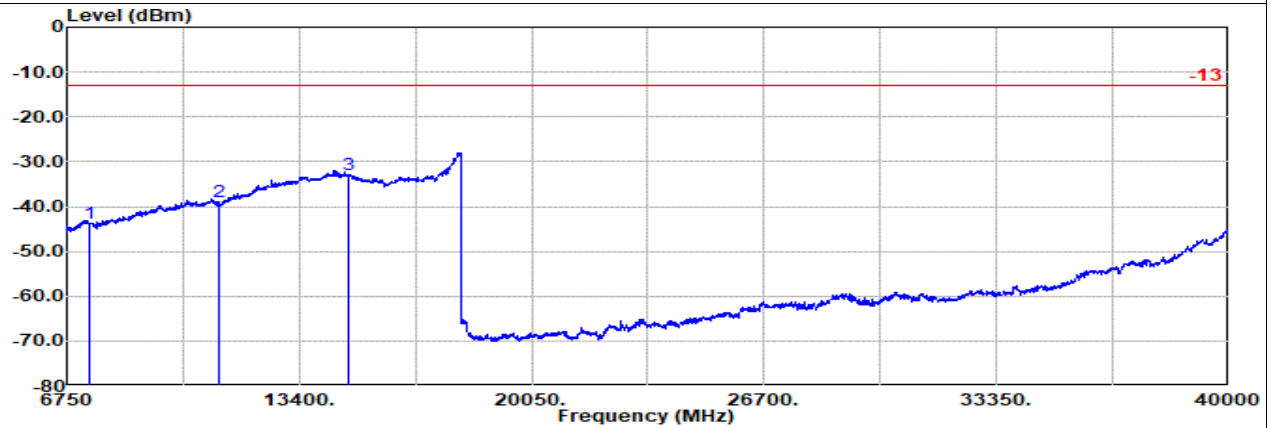
NR SA n77 (PC1.5) 10M Ch647000 1RB1 BPSK

L



Site : 03CH12-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: NR Band 77 10M Ch647000 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	7401.00	-43.53	RMS	36.70	-20.78	0.82	-95.23	34.96	-13.00	-30.53	Horizontal
2	11102.00	-39.64	RMS	39.00	-17.36	0.28	-95.23	33.67	-13.00	-26.64	Horizontal
3	14803.00	-33.00	RMS	40.59	-13.58	0.42	-95.23	34.80	-13.00	-20.00	Horizontal



Site : 03CH12-HY
Condition: -13 1m SHF_00993_231124 Vertical
: NR Band 77 10M Ch647000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7401.00	-43.78	RMS	36.70	-20.78	0.82	-95.23	34.71	-13.00	-30.78	Vertical
2	11102.00	-38.90	RMS	39.00	-17.36	0.28	-95.23	34.41	-13.00	-25.90	Vertical
3	14803.00	-33.03	RMS	40.59	-13.58	0.42	-95.23	34.77	-13.00	-20.03	Vertical

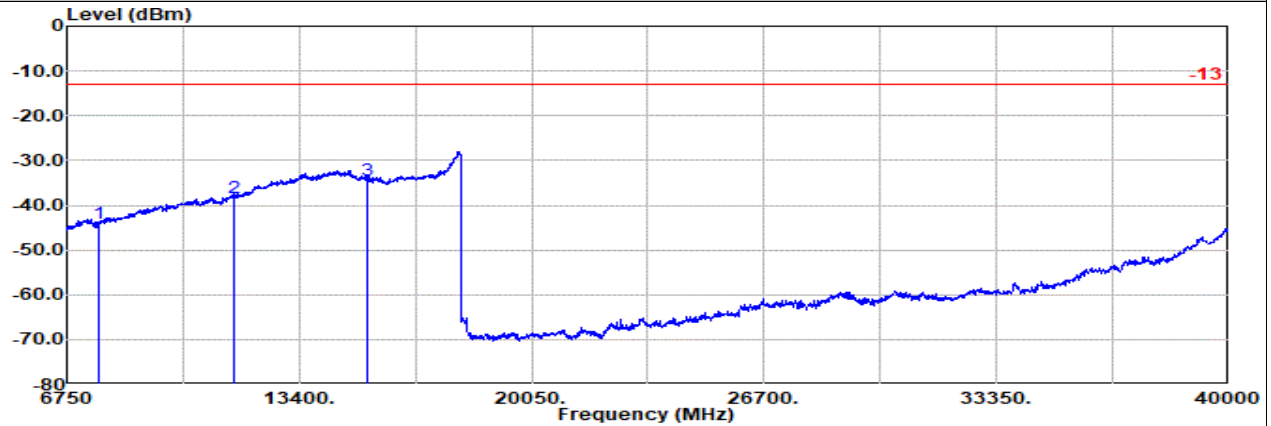


Ant 3+1

Part 270 Mode 2

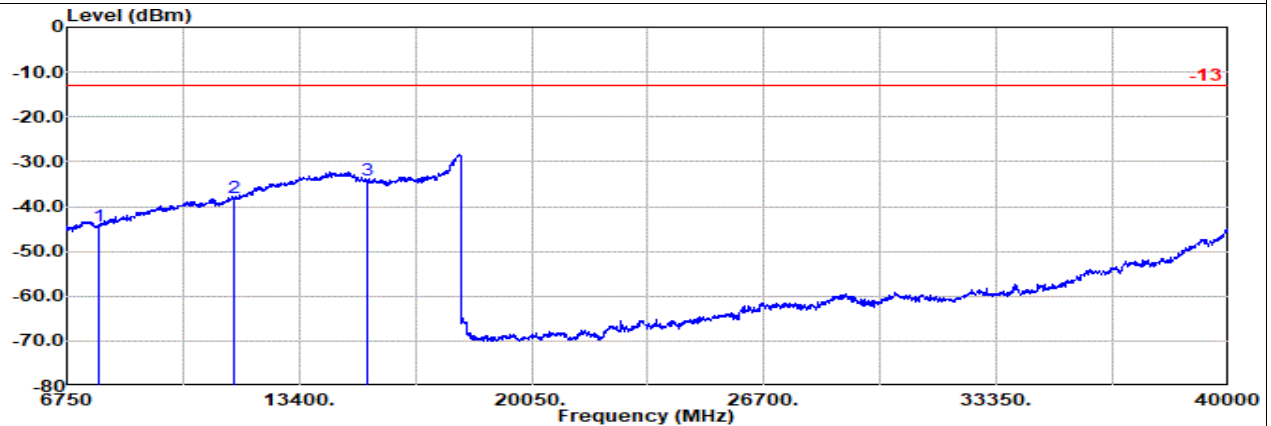
NR SA n77 (PC1.5) 10M Ch656000 1RB1 BPSK

M



Site : 03CH12-HY
Condition: -13 1m SHF_00993_231124 Horizontal
: NR Band 77 10M Ch656000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	dB/m	dB	dB	dBuV	dBm	dB	
1	7671.00	-44.11	RMS	36.58	-20.93	0.55	-95.23	34.92	-13.00	-31.11	Horizontal
2	11507.00	-38.33	RMS	39.27	-16.75	0.30	-95.23	34.08	-13.00	-25.33	Horizontal
3	15343.00	-34.34	RMS	38.89	-13.76	0.39	-95.23	35.37	-13.00	-21.34	Horizontal



Site : 03CH12-HY
Condition: -13 1m SHF_00993_231124 Vertical
: NR Band 77 10M Ch656000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	dB/m	dB	dB	dBuV	dBm	dB	
1	7671.00	-44.28	RMS	36.58	-20.93	0.55	-95.23	34.75	-13.00	-31.28	Vertical
2	11507.00	-37.93	RMS	39.27	-16.75	0.30	-95.23	34.48	-13.00	-24.93	Vertical
3	15343.00	-34.17	RMS	38.89	-13.76	0.39	-95.23	35.54	-13.00	-21.17	Vertical

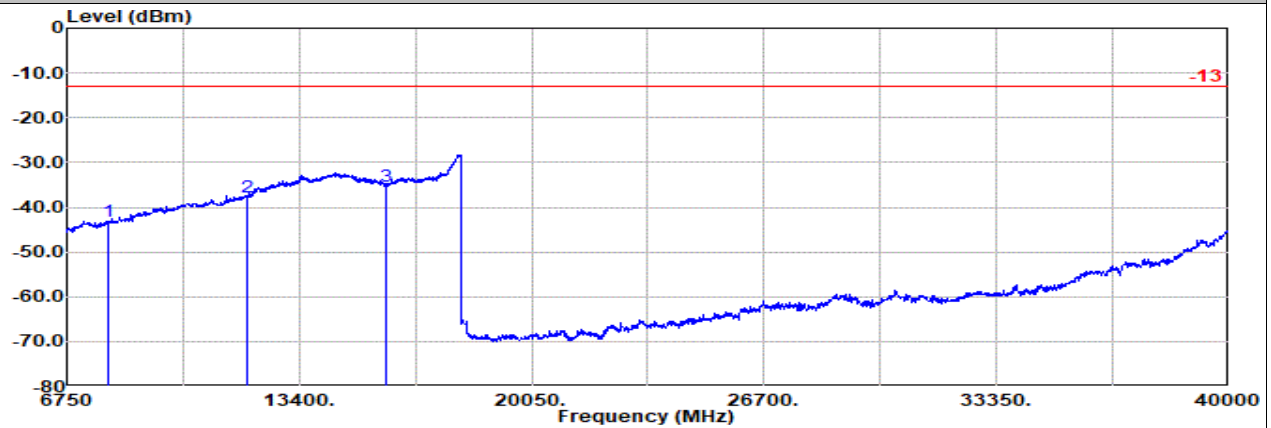


Ant 3+1

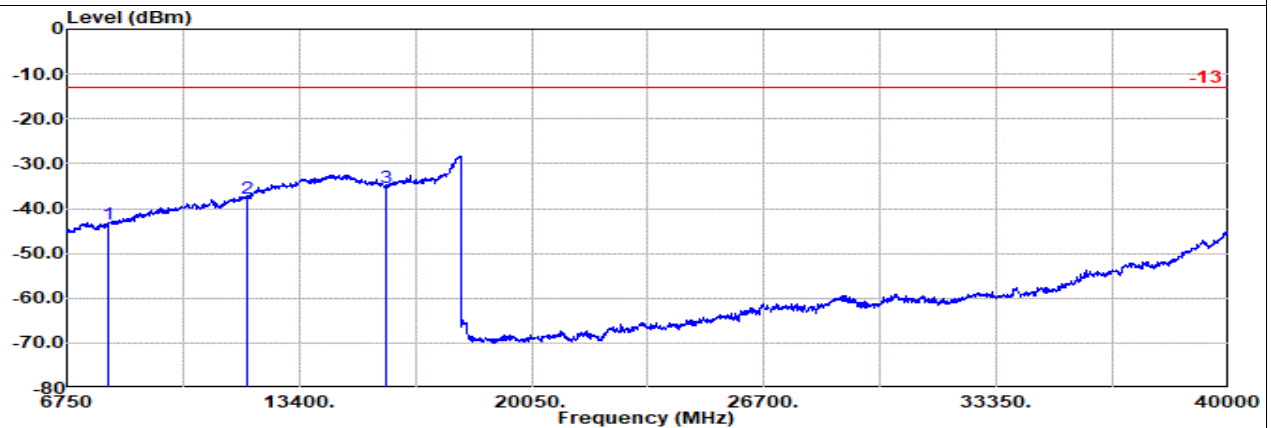
Part 270 Mode 2

NR SA n77 (PC1.5) 10M Ch665000 1RB1 BPSK

H



	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1					
1	7941.00	-43.28	RMS	37.18	-20.76	0.53 -95.23	35.00	-13.00	-30.28	Horizontal
2	11912.00	-37.61	RMS	38.92	-16.04	0.32 -95.23	34.42	-13.00	-24.61	Horizontal
3	15883.00	-35.17	RMS	37.83	-13.59	0.37 -95.23	35.45	-13.00	-22.17	Horizontal



	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1					
1	7941.00	-43.43	RMS	37.18	-20.76	0.53 -95.23	34.85	-13.00	-30.43	Vertical
2	11912.00	-37.60	RMS	38.92	-16.04	0.32 -95.23	34.43	-13.00	-24.60	Vertical
3	15883.00	-35.37	RMS	37.83	-13.59	0.37 -95.23	35.25	-13.00	-22.37	Vertical

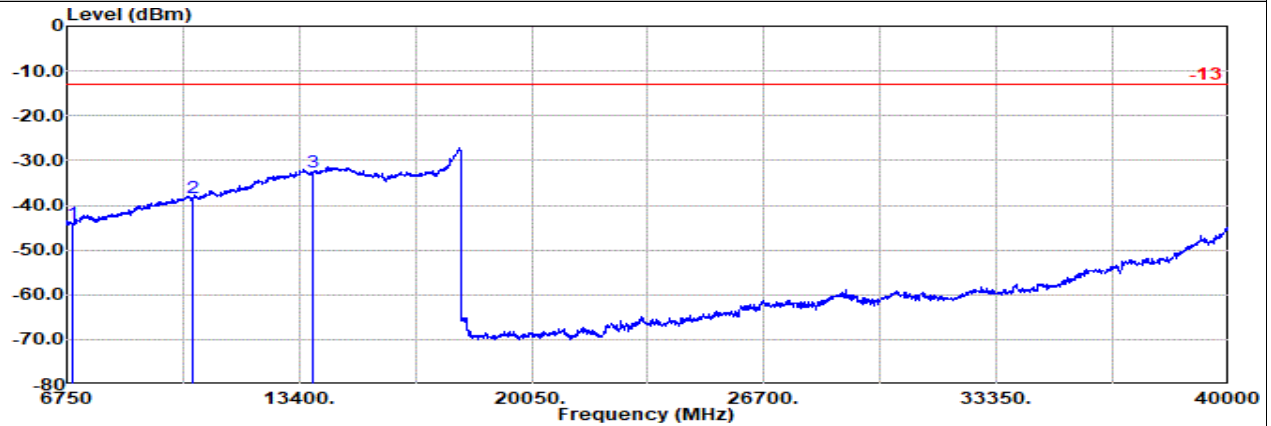


Ant 3+1

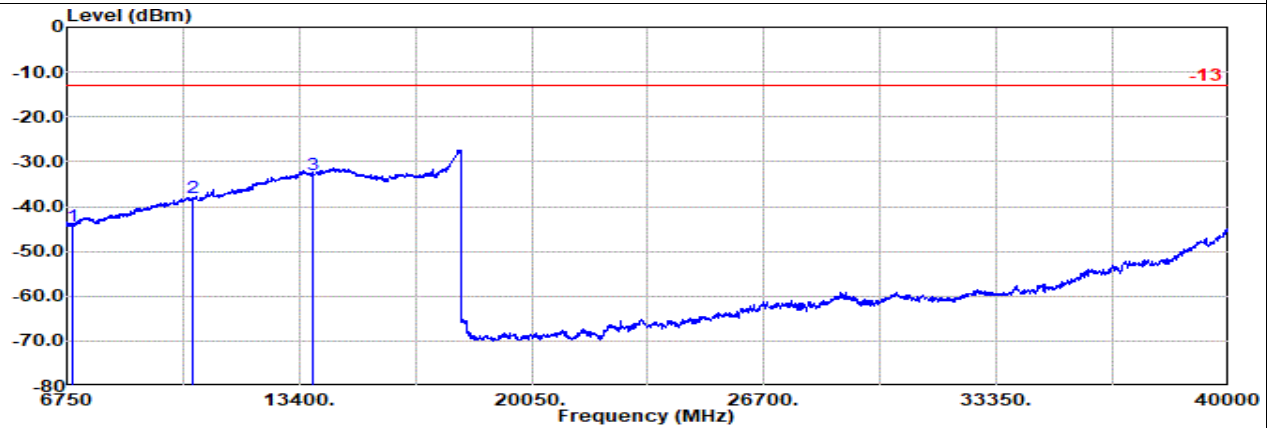
Part 27Q Mode 3

NR SA n77 (PC1.5) 10M Ch630334 1RB1 BPSK

L



	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1					
1	6901.00	-43.98	RMS	36.00	-21.31	0.90	-95.23	35.66	-13.00	-30.98 Horizontal
2	10352.00	-38.25	RMS	39.10	-18.31	0.25	-95.23	35.94	-13.00	-25.25 Horizontal
3	13803.00	-32.51	RMS	40.40	-13.14	0.45	-95.23	35.01	-13.00	-19.51 Horizontal



	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	1					
1	6901.00	-44.23	RMS	36.00	-21.31	0.90	-95.23	35.41	-13.00	-31.23 Vertical
2	10352.00	-38.09	RMS	39.10	-18.31	0.25	-95.23	36.10	-13.00	-25.09 Vertical
3	13803.00	-33.02	RMS	40.40	-13.14	0.45	-95.23	34.50	-13.00	-20.02 Vertical

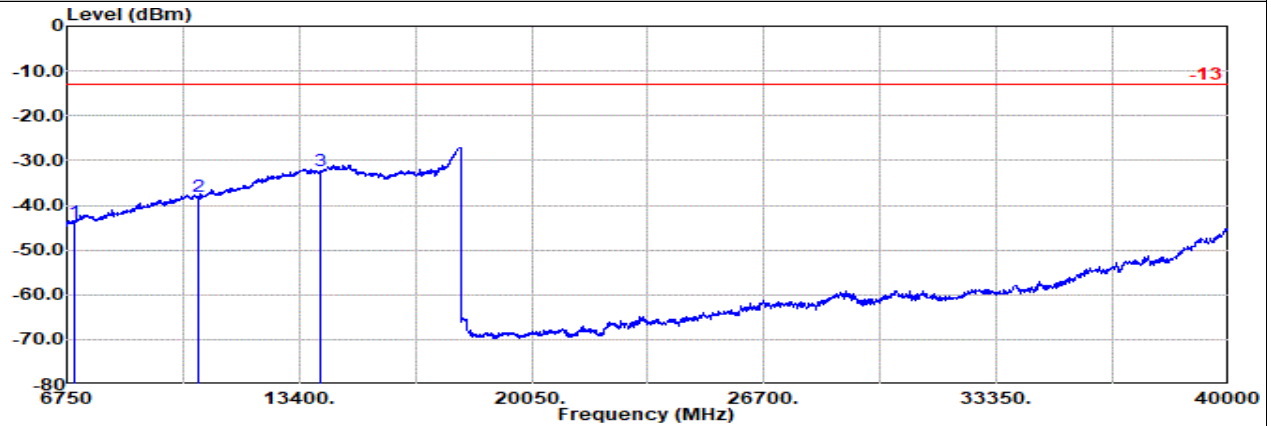


Ant 3+1

Part 27Q Mode 3

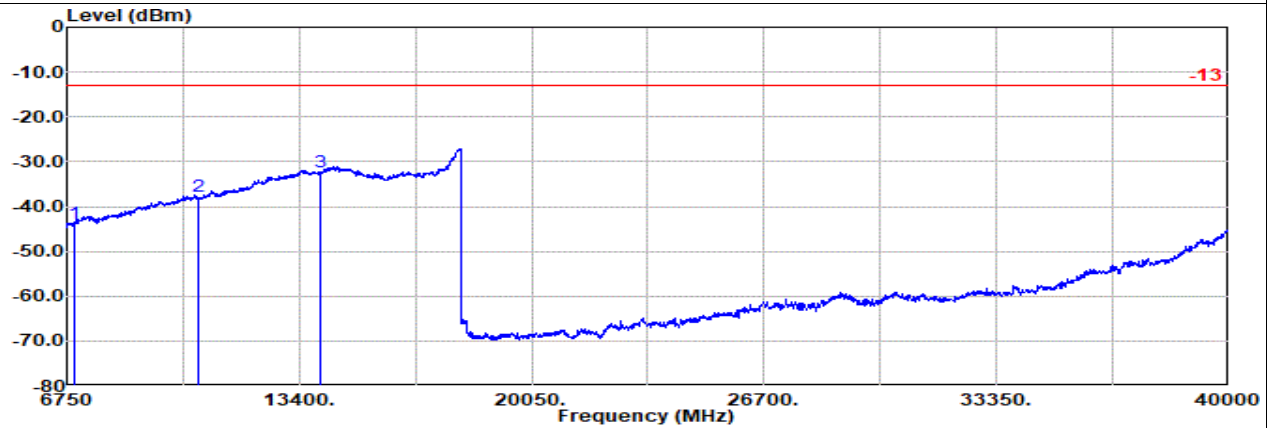
NR SA n77 (PC1.5) 10M Ch633334 1RB1 BPSK

M



Site : 03CH12-HY
Condition: -13 1m SHF_00993_231124 Horizontal
NR Band 77 10M Ch633334 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	6991.00	-43.63	RMS	36.08	-21.27	0.92	-95.23	35.87	-13.00	-30.63	Horizontal
2	10487.00	-38.08	RMS	38.83	-18.27	0.25	-95.23	36.34	-13.00	-25.08	Horizontal
3	13983.00	-32.43	RMS	40.73	-13.40	0.46	-95.23	35.01	-13.00	-19.43	Horizontal



Site : 03CH12-HY
Condition: -13 1m SHF_00993_231124 Vertical
NR Band 77 10M Ch633334 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	6991.00	-43.65	RMS	36.08	-21.27	0.92	-95.23	35.85	-13.00	-30.65	Vertical
2	10487.00	-37.65	RMS	38.83	-18.27	0.25	-95.23	36.77	-13.00	-24.65	Vertical
3	13983.00	-32.35	RMS	40.73	-13.40	0.46	-95.23	35.09	-13.00	-19.35	Vertical

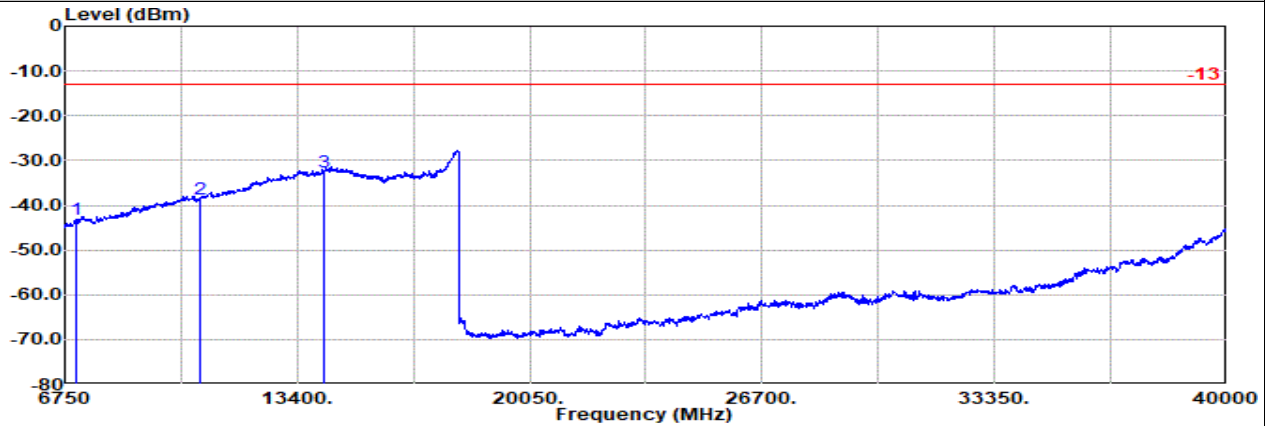


Ant 3+1

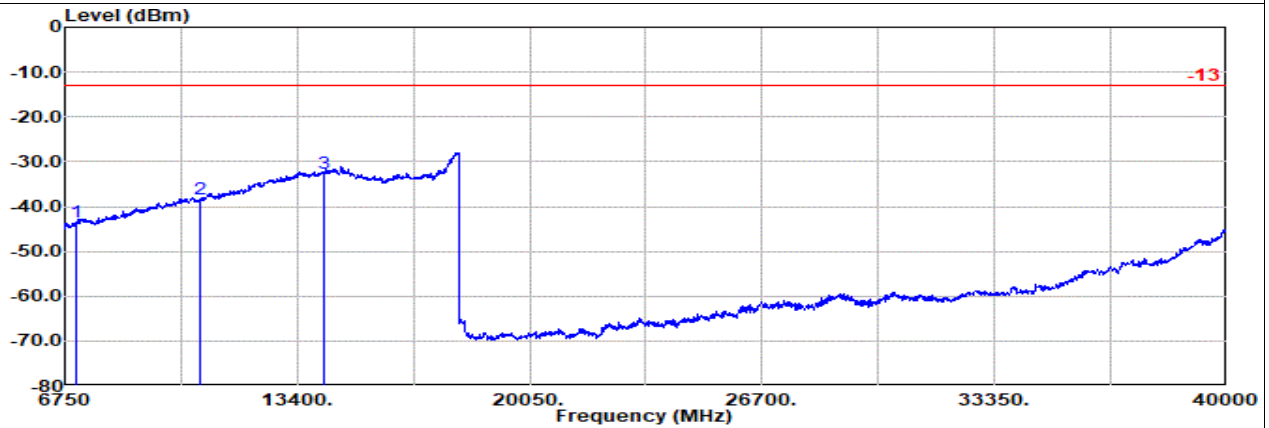
Part 27Q Mode 3

NR SA n77 (PC1.5) 10M Ch636332 1RB1 BPSK

H



	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7081.00	-43.30	RMS	36.42	-21.28	0.91	-95.23	35.88	-13.00	-30.30	Horizontal
2	10622.00	-38.63	RMS	39.24	-18.08	0.26	-95.23	35.18	-13.00	-25.63	Horizontal
3	14163.00	-32.47	RMS	40.95	-13.34	0.45	-95.23	34.70	-13.00	-19.47	Horizontal



	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7081.00	-43.49	RMS	36.42	-21.28	0.91	-95.23	35.69	-13.00	-30.49	Vertical
2	10622.00	-38.28	RMS	39.24	-18.08	0.26	-95.23	35.53	-13.00	-25.28	Vertical
3	14163.00	-32.59	RMS	40.95	-13.34	0.45	-95.23	34.58	-13.00	-19.59	Vertical

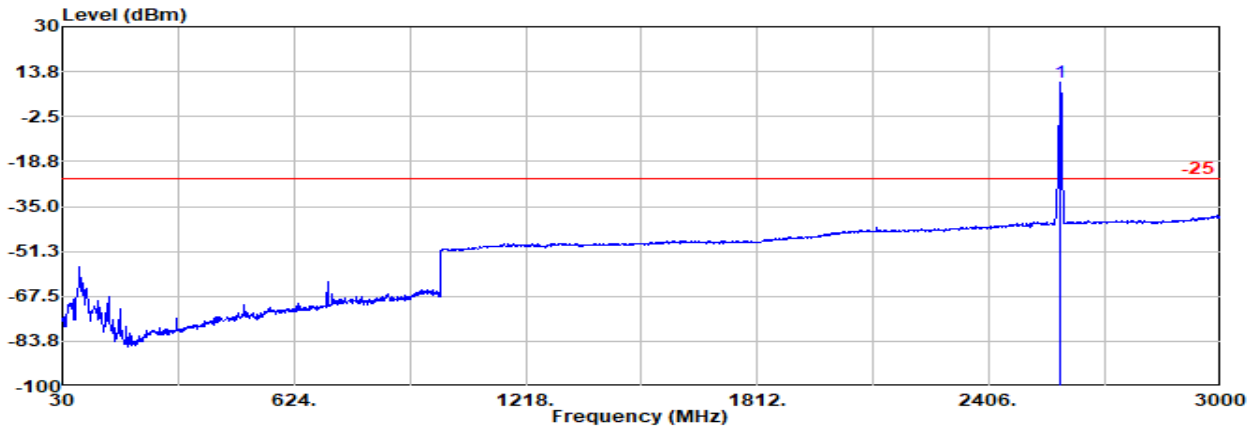


Ant 2+0

Part 27M Mode 1

NR SA n41 (PC1.5) 10M Ch518598 1RB0 QPSK

M



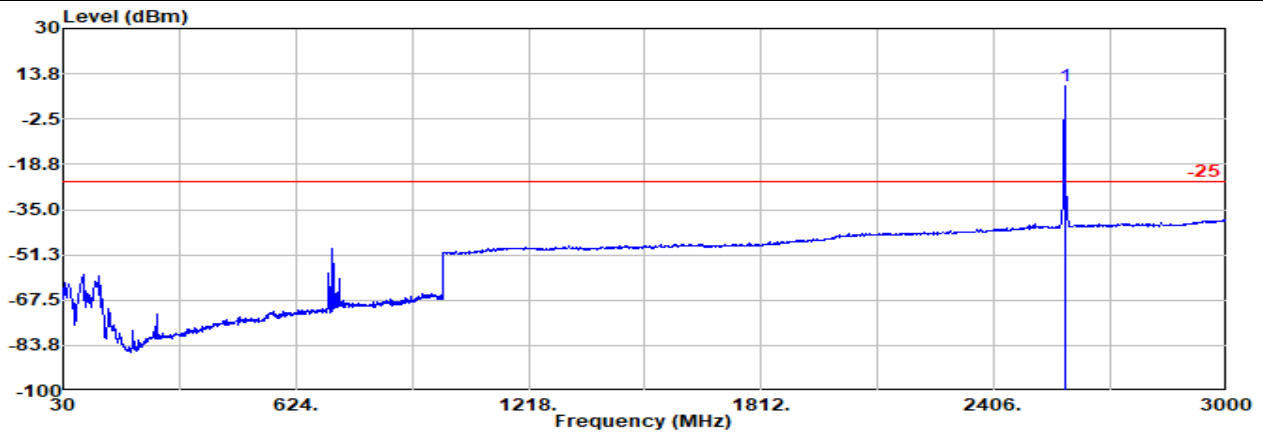
Site : 03CH12-HY

Condition: -25 3m Bilog_37059_20231103 Horizontal

: NR SA n41 10M Ch518598 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

	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	2588.00	9.80	RMS	28.40	7.52	0.00	-95.23	69.11	-25.00	34.80	Horizontal



Site : 03CH12-HY

Condition: -25 3m Bilog_37059_20231103 Vertical

: NR SA n41 10M Ch518598 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

	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	2588.00	9.35	RMS	28.40	7.52	0.00	-95.23	68.66	-25.00	34.35	Vertical

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