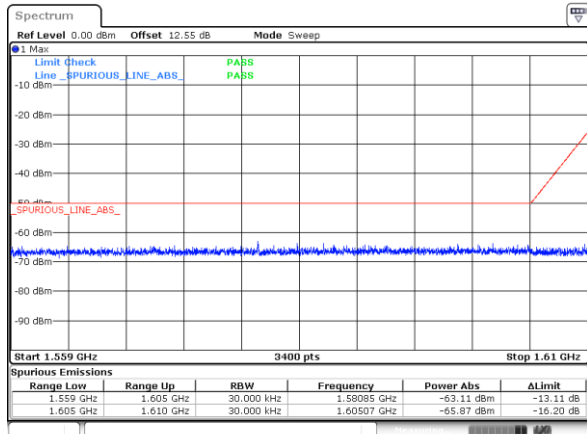




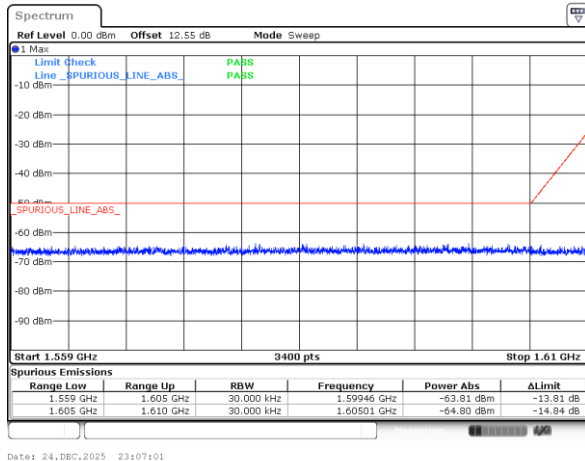
Band 255 SCS 15kHz

Discrete

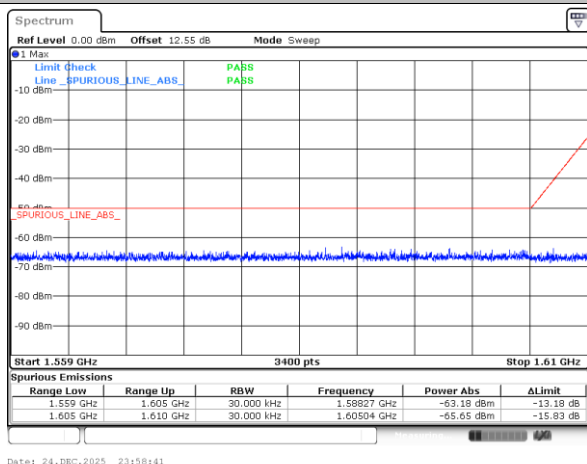
Lowest Channel / 1SC0 BPSK



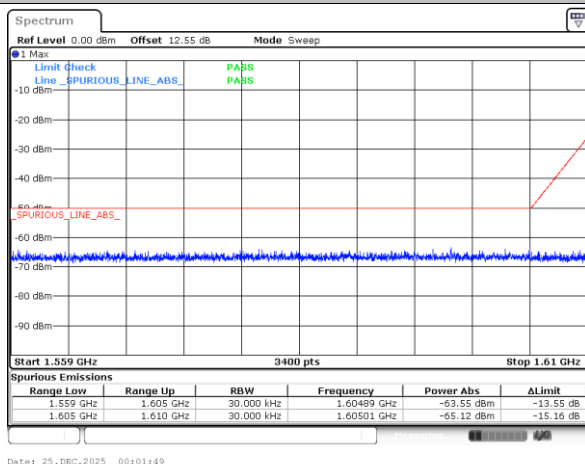
Lowest Channel / 1SC11 BPSK



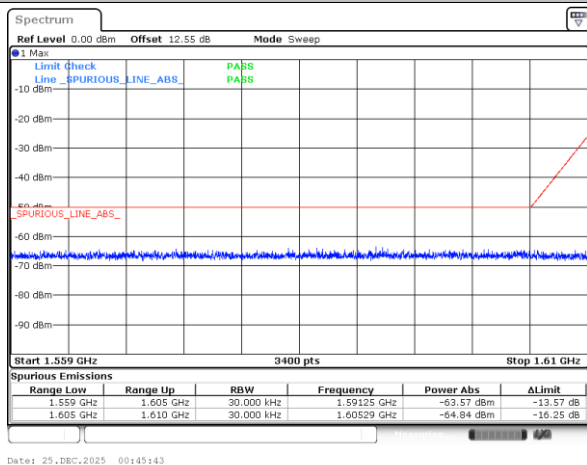
Middle Channel / 1SC0 BPSK



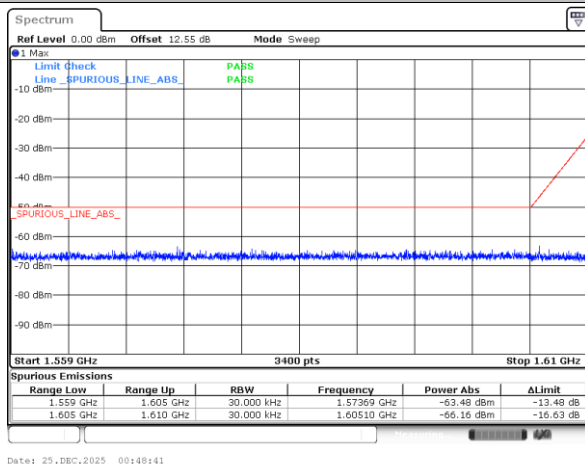
Middle Channel / 1SC11 BPSK



Highest Channel / 1SC0 BPSK

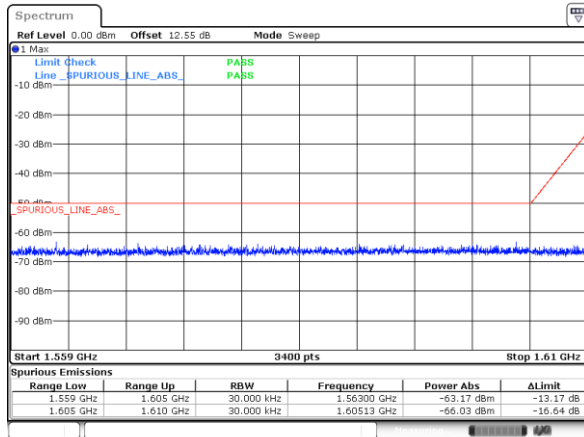


Highest Channel / 1SC11 BPSK



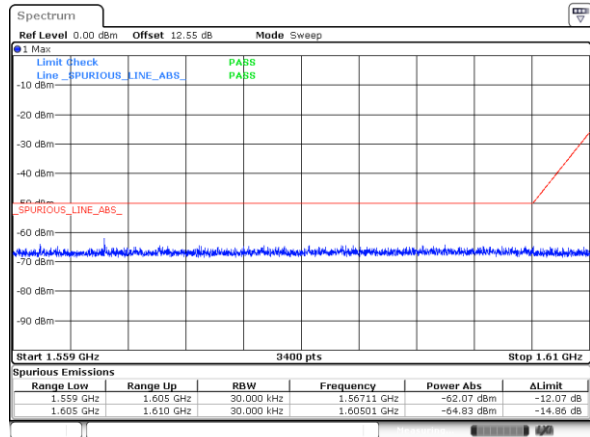


Lowest Channel / 1SC0 QPSK



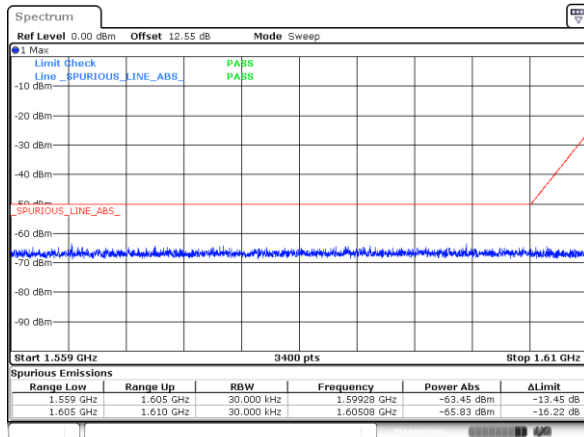
Date: 24.DEC.2025 23:03:46

Lowest Channel / 1SC11 QPSK



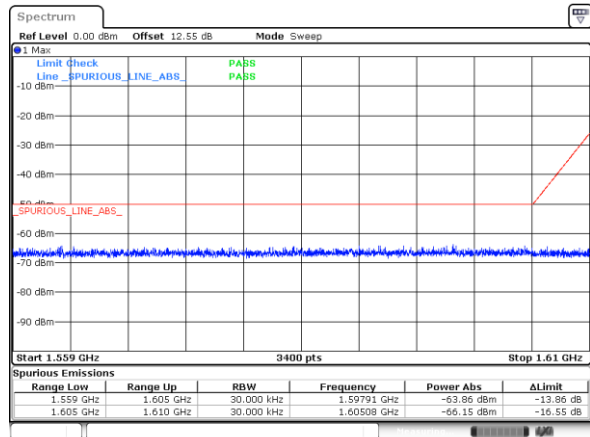
Date: 24.DEC.2025 23:09:43

Middle Channel / 1SC0 QPSK



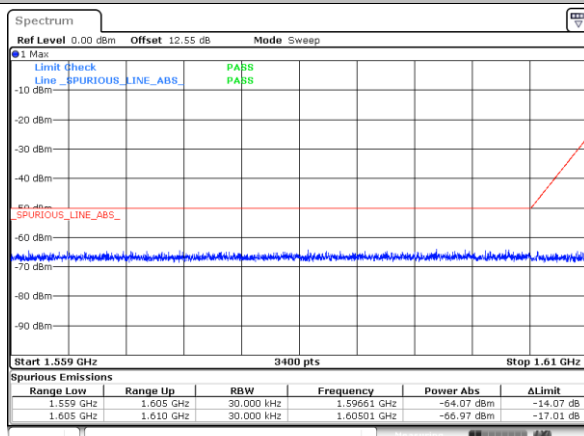
Date: 25.DEC.2025 00:04:49

Middle Channel / 1SC11 QPSK



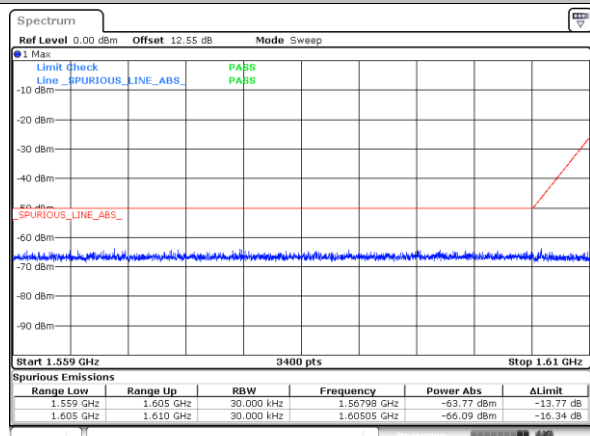
Date: 25.DEC.2025 00:07:52

Highest Channel / 1SC0 QPSK



Date: 25.DEC.2025 00:52:11

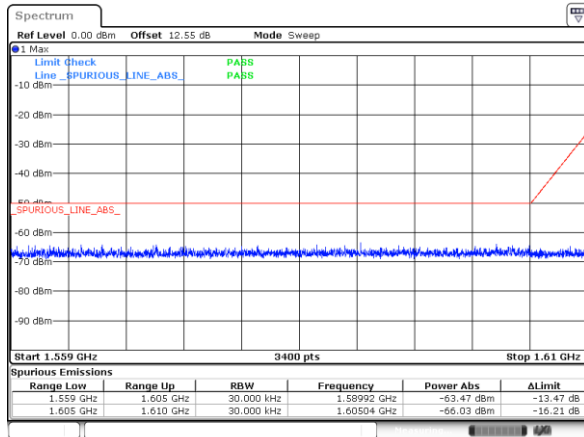
Highest Channel / 1SC11 QPSK



Date: 25.DEC.2025 00:56:04

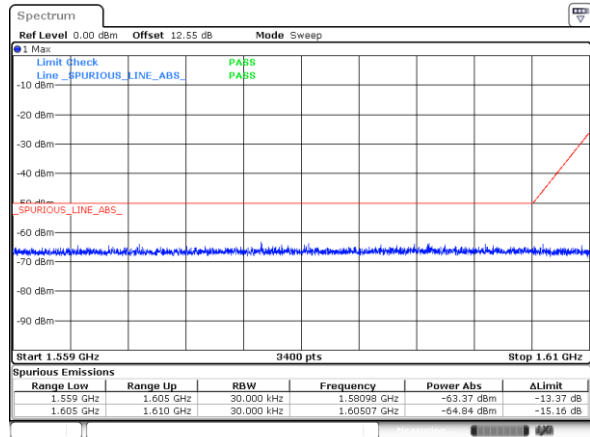


Lowest Channel / 3SC0 QPSK



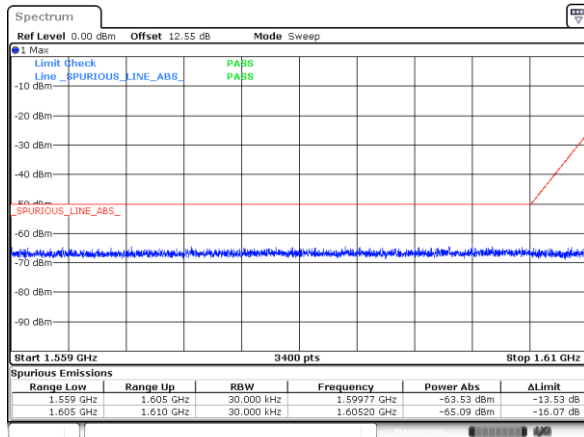
Date: 24.DEC.2025 23:25:57

Lowest Channel / 3SC9 QPSK



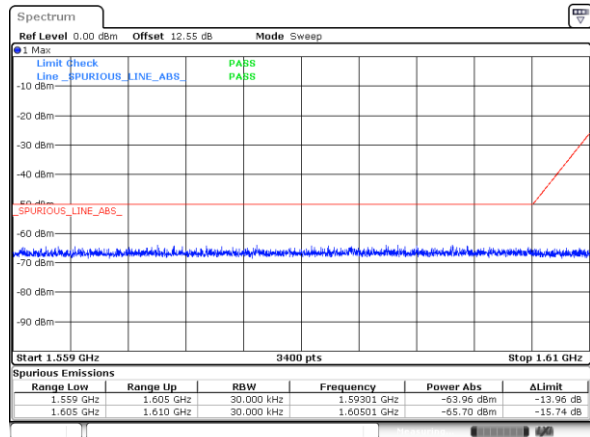
Date: 24.DEC.2025 23:29:11

Middle Channel / 3SC0 QPSK



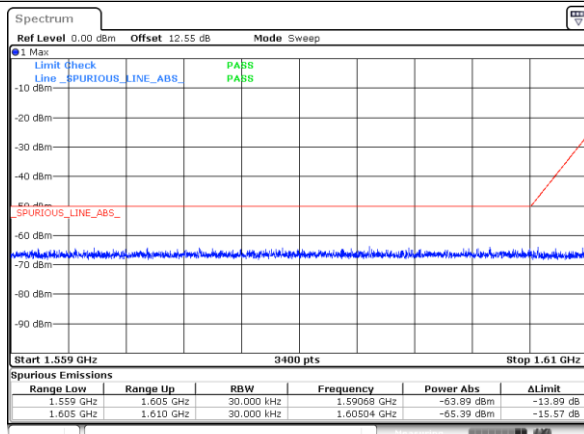
Date: 25.DEC.2025 00:10:49

Middle Channel / 3SC9 QPSK



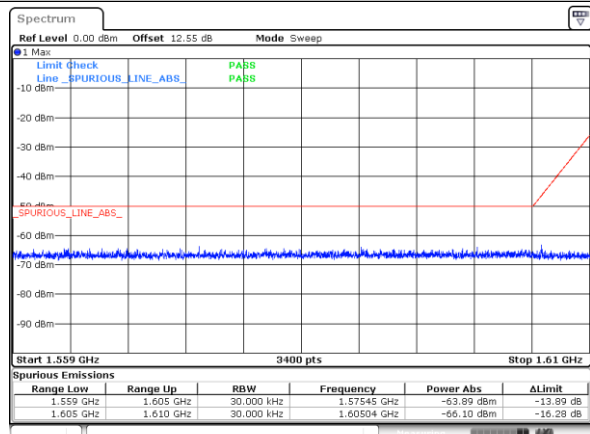
Date: 25.DEC.2025 00:13:45

Highest Channel / 3SC0 QPSK



Date: 25.DEC.2025 01:00:09

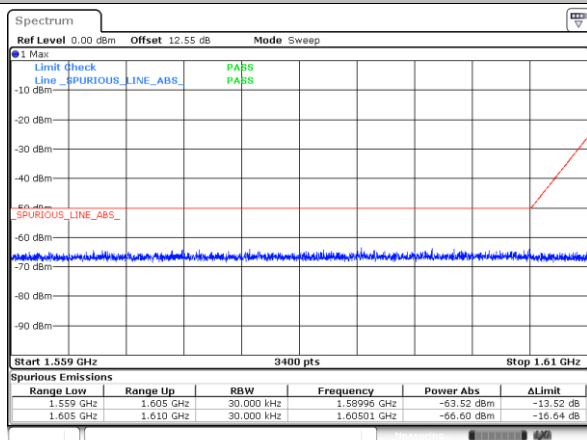
Highest Channel / 3SC9 QPSK



Date: 25.DEC.2025 01:03:04

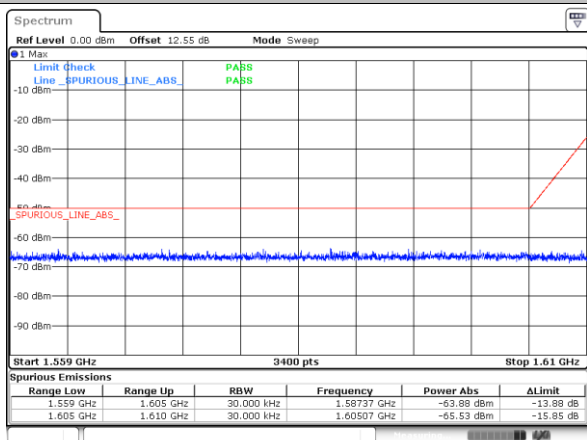


Lowest Channel / 6SC0 QPSK



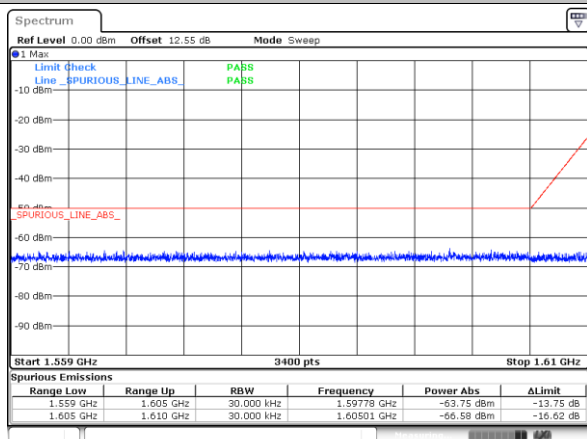
Date: 24.DEC.2025 23:32:14

Lowest Channel / 6SC6 QPSK



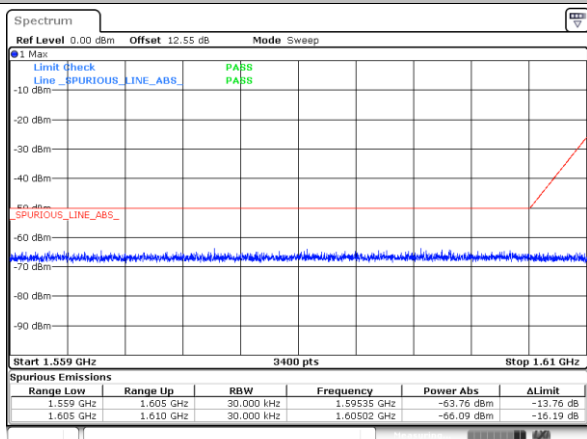
Date: 24.DEC.2025 23:36:01

Middle Channel / 6SC0 QPSK



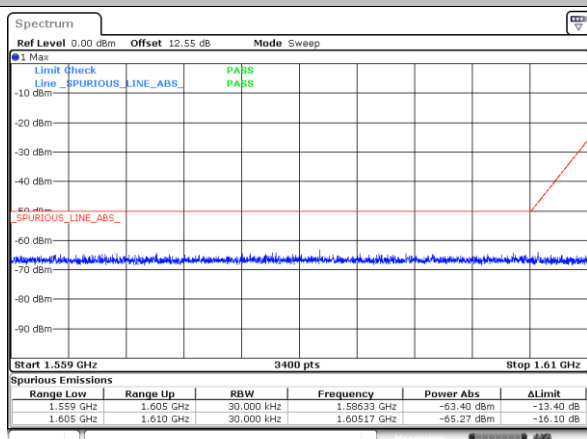
Date: 25.DEC.2025 00:16:56

Middle Channel / 6SC6 QPSK



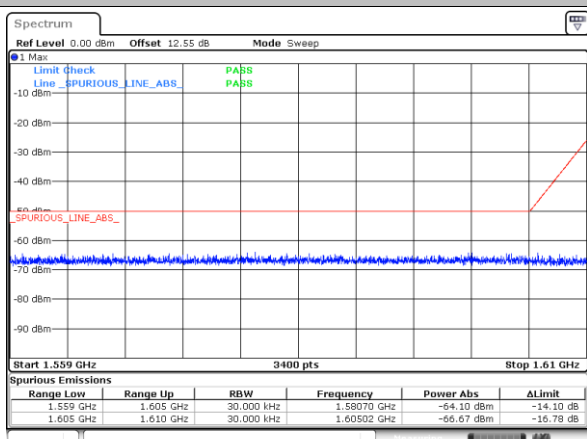
Date: 25.DEC.2025 00:23:46

Highest Channel / 6SC0 QPSK



Date: 25.DEC.2025 01:06:30

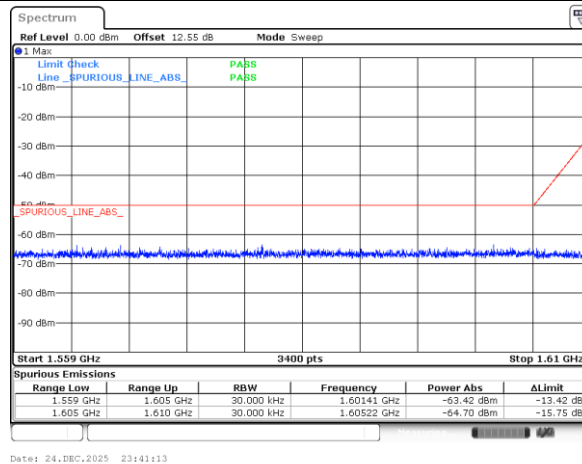
Highest Channel / 6SC6 QPSK



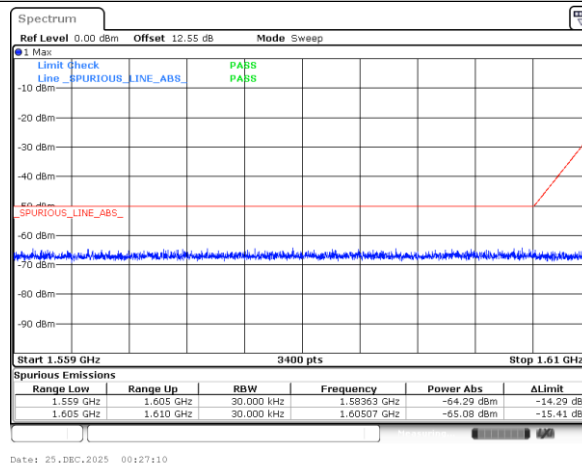
Date: 25.DEC.2025 01:09:36



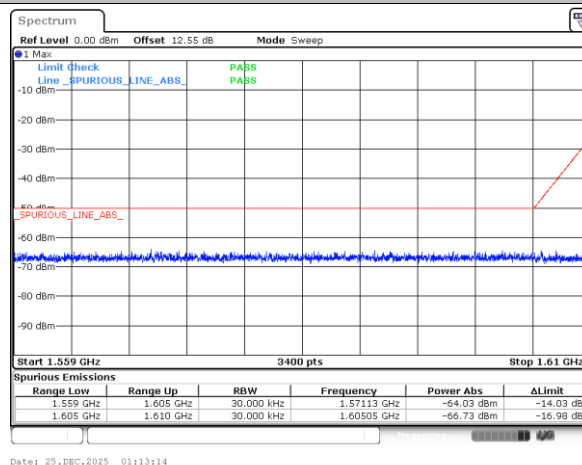
Lowest Channel / 12SC0 QPSK



Middle Channel / 12SC0 QPSK



Highest Channel / 12SC0 QPSK



Frequency Stability

Test Conditions		Band 255(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	SCS 15kHz	10ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0054	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage = 3.90 V. ; Battery End Point (BEP) = 3.60 V. ; Maximum Voltage = 4.50 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Tim Lee 、 Wilson Wu 、 Gerry Wei	Relative Humidity(%):	50~60%
		Test Engineer : Temperature(°C):	20~25°C

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 25	NTN B23	H	6060	-43.91	RMS	34.22	-23.00	0.20	-95.23	39.90	-13.00	-30.91	H	5
2	Part 25	NTN B255	M	4935	-47.76	RMS	33.28	-23.93	0.57	-95.23	37.55	-13.00	-34.76	H	5

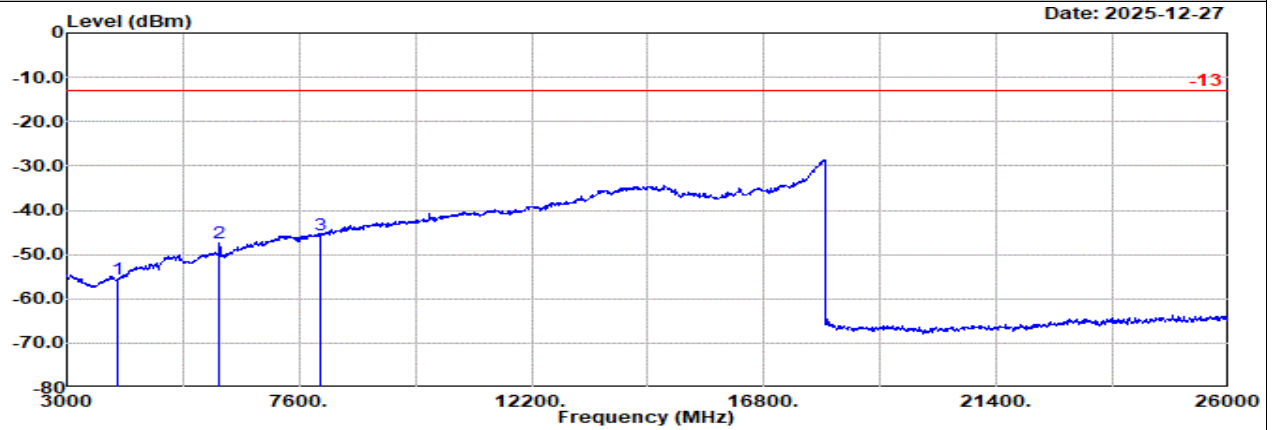


Ant. 5

Part 25 Mode 1

NTN B23 Ch25501

L

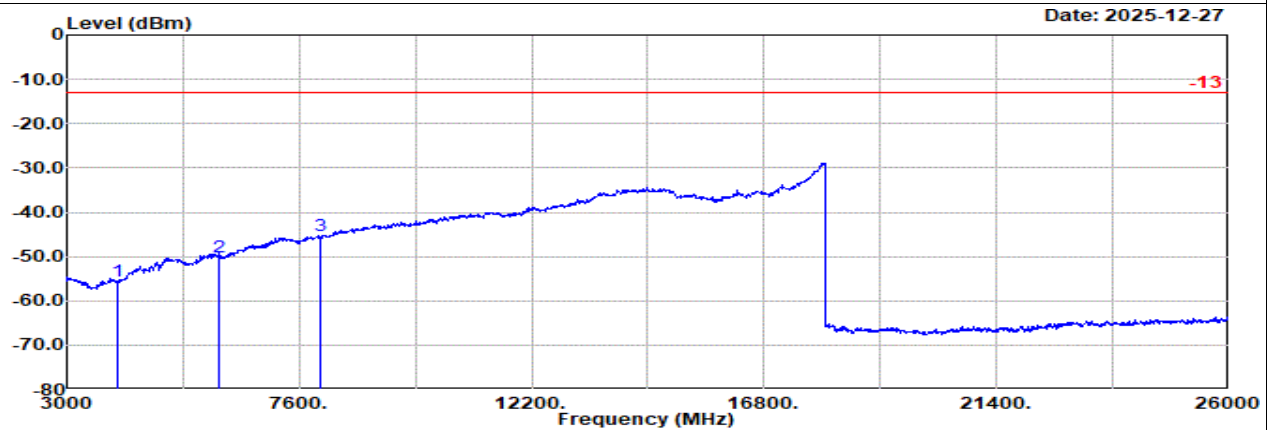


Site : 03CH12-HY

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

: NTN Band 23 Ch25501 1SC0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	dB/m						
1	4000.00	-55.51	RMS	31.00	-25.22	0.55	-95.23	33.39	-13.00	-42.51	Horizontal
2	6000.00	-47.43	RMS	34.20	-23.04	0.22	-95.23	36.42	-13.00	-34.43	Horizontal
3	8000.00	-45.57	RMS	37.20	-21.84	0.14	-95.23	34.16	-13.00	-32.57	Horizontal



Site : 03CH12-HY

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

: NTN Band 23 Ch25501 1SC0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF	Readin g	Limit dBm	Margin dB	Pol
				Factor	dB/m						
1	4000.00	-55.41	RMS	31.00	-25.22	0.55	-95.23	33.49	-13.00	-42.41	Vertical
2	6000.00	-49.99	RMS	34.20	-23.04	0.22	-95.23	33.86	-13.00	-36.99	Vertical
3	8000.00	-45.17	RMS	37.20	-21.84	0.14	-95.23	34.56	-13.00	-32.17	Vertical

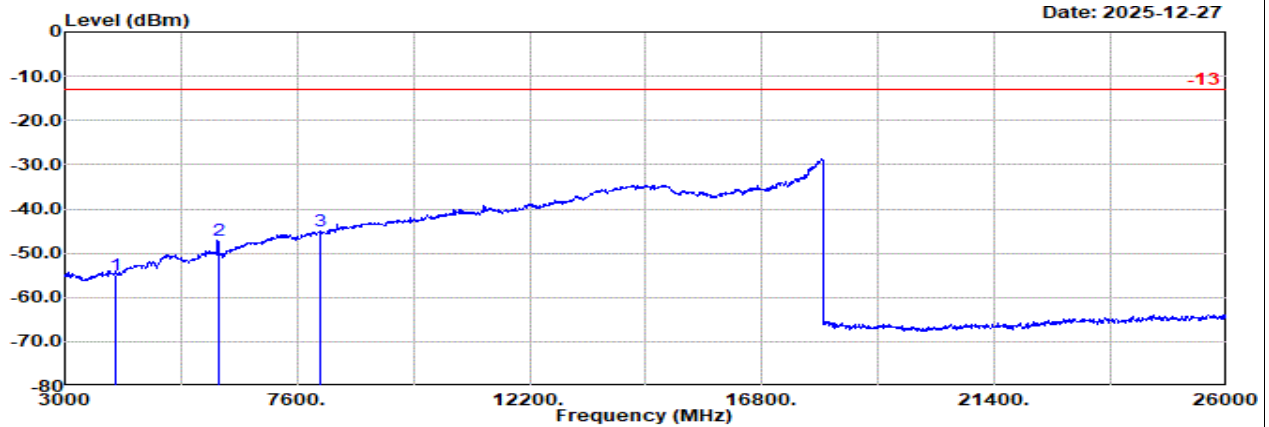


Ant. 5

Part 25 Mode 1

NTN B23 Ch25600

M

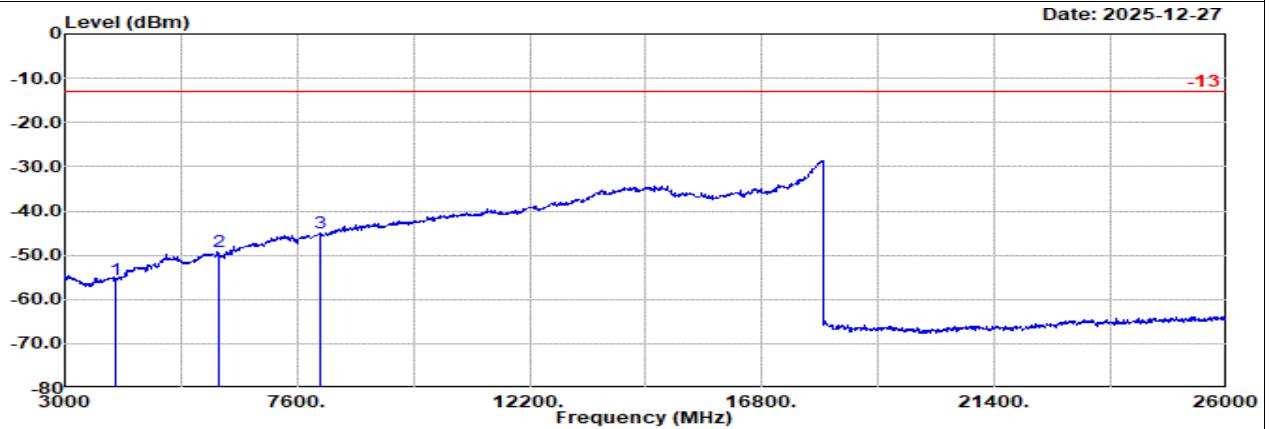


Site : 03CH12-HY

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

: NTN Band 23 Ch25600 1SC0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	4020.00	-54.98	RMS	31.04	-25.19	0.54 -95.23	33.86	-13.00	-41.98	Horizontal	
2	6030.00	-47.17	RMS	34.20	-23.02	0.21 -95.23	36.67	-13.00	-34.17	Horizontal	
3	8040.00	-44.93	RMS	37.28	-21.80	0.14 -95.23	34.68	-13.00	-31.93	Horizontal	



Site : 03CH12-HY

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

: NTN Band 23 Ch25600 1SC0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	4020.00	-55.52	RMS	31.04	-25.19	0.54 -95.23	33.32	-13.00	-42.52	Vertical	
2	6030.00	-49.32	RMS	34.20	-23.02	0.21 -95.23	34.52	-13.00	-36.32	Vertical	
3	8040.00	-45.10	RMS	37.28	-21.80	0.14 -95.23	34.51	-13.00	-32.10	Vertical	

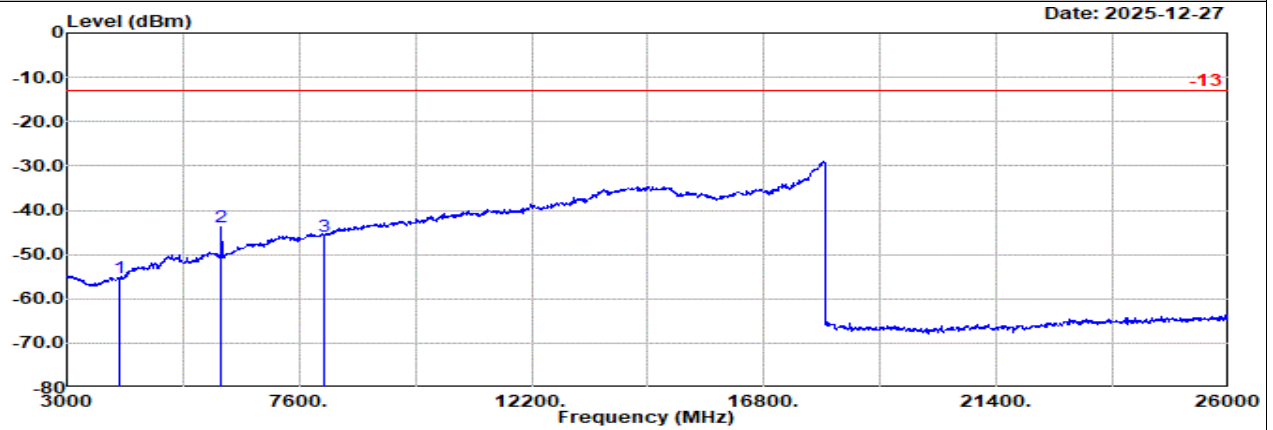


Ant. 5

Part 25 Mode 1

NTN B23 Ch25699

H

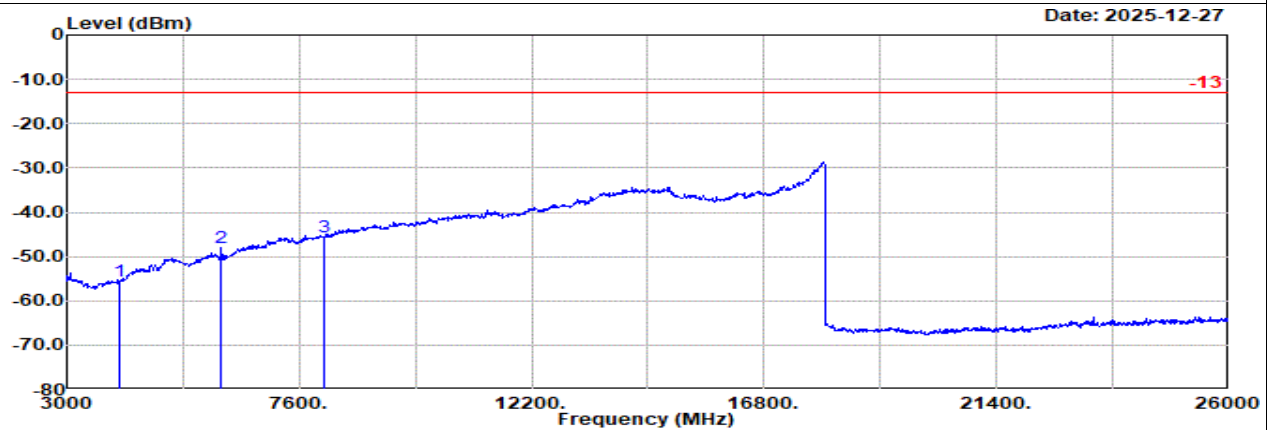


Site : 03CH12-HY

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

: NTN Band 23 Ch25699 1SC0 QPSK

	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	4040.00	-55.30	RMS	31.08	-25.17	0.53	-95.23	33.49	-13.00	-42.30	Horizontal
2	6060.00	-43.91	RMS	34.22	-23.00	0.20	-95.23	39.90	-13.00	-30.91	Horizontal
3	8080.00	-45.75	RMS	37.30	-21.76	0.13	-95.23	33.81	-13.00	-32.75	Horizontal



Site : 03CH12-HY

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

: NTN Band 23 Ch25699 1SC0 QPSK

	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	4040.00	-55.42	RMS	31.08	-25.17	0.53	-95.23	33.37	-13.00	-42.42	Vertical
2	6060.00	-47.92	RMS	34.22	-23.00	0.20	-95.23	35.89	-13.00	-34.92	Vertical
3	8080.00	-45.44	RMS	37.30	-21.76	0.13	-95.23	34.12	-13.00	-32.44	Vertical

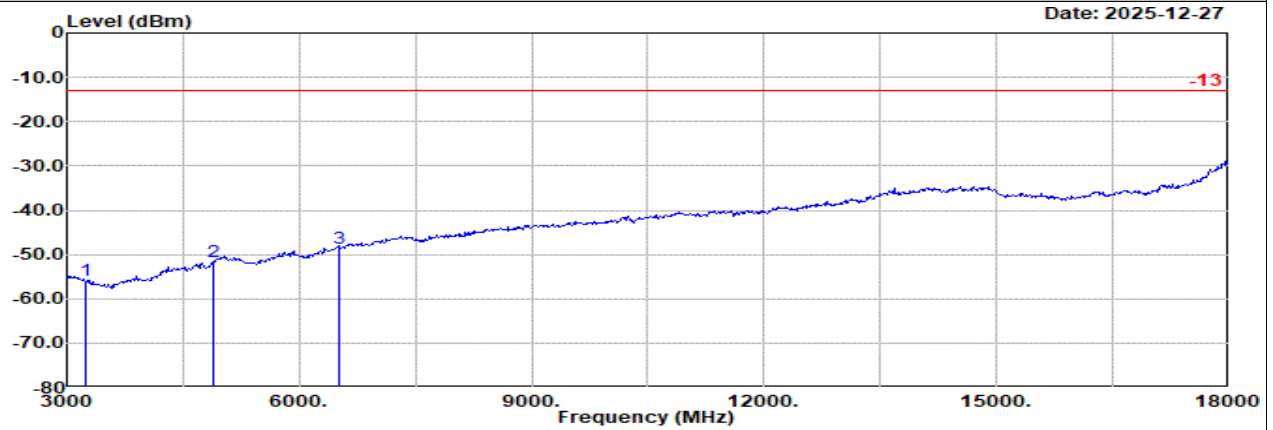


Ant. 5

Part 25 Mode 2

NTN B255 Ch261505

L

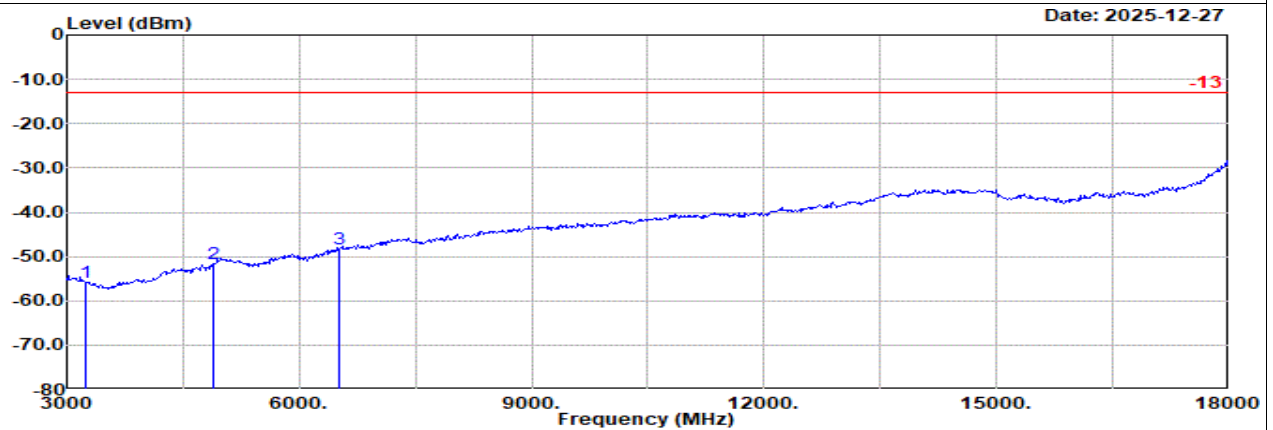


Site : 03CH12-HY

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

: NTN Band 255 Ch261505 1SC0 QPSK

	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	3253.00	-55.74	RMS	29.79	-26.31	1.19	-95.23	34.82	-13.00	-42.74 Horizontal
2	4880.00	-51.64	RMS	32.84	-23.89	0.52	-95.23	34.12	-13.00	-38.64 Horizontal
3	6506.00	-48.53	RMS	35.45	-22.74	0.19	-95.23	33.80	-13.00	-35.53 Horizontal



Site : 03CH12-HY

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

: NTN Band 255 Ch261505 1SC0 QPSK

	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	3253.00	-55.79	RMS	29.79	-26.31	1.19	-95.23	34.77	-13.00	-42.79 Vertical
2	4880.00	-51.65	RMS	32.84	-23.89	0.52	-95.23	34.11	-13.00	-38.65 Vertical
3	6506.00	-48.38	RMS	35.45	-22.74	0.19	-95.23	33.95	-13.00	-35.38 Vertical

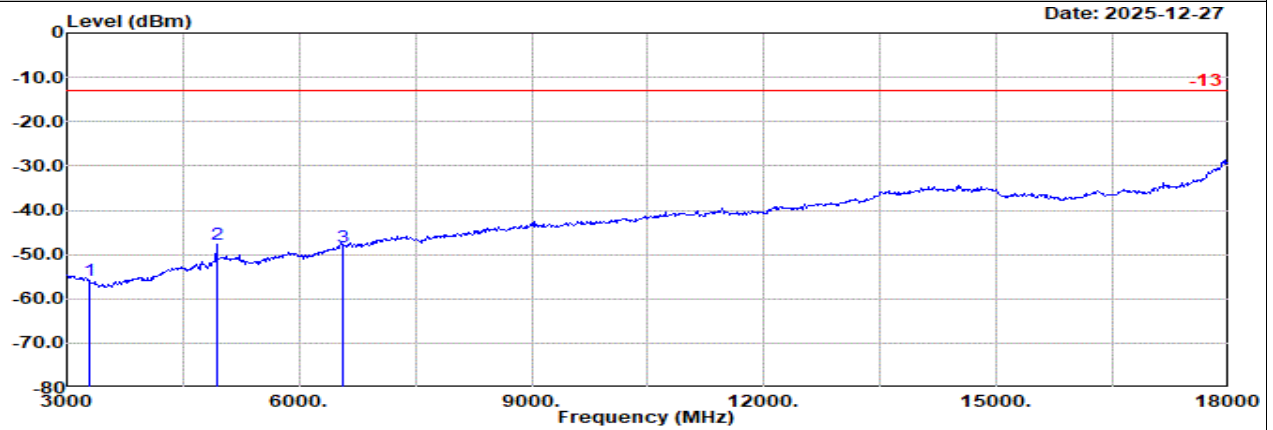


Ant. 5

Part 25 Mode 2

NTN B255 Ch261674

M

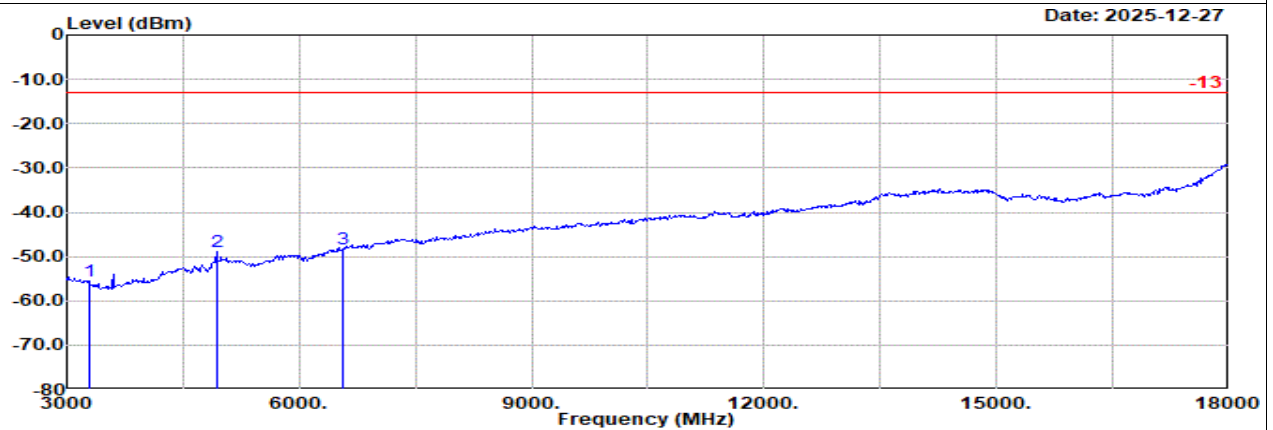


Site : 03CH12-HY

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

: NTN Band 255 Ch261674 1SC0 QPSK

	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	3287.00	-55.95	RMS	29.73	-26.25	1.13	-95.23	34.67	-13.00	-42.95	Horizontal
2	4935.00	-47.76	RMS	33.28	-23.93	0.57	-95.23	37.55	-13.00	-34.76	Horizontal
3	6570.00	-48.16	RMS	35.88	-22.71	0.17	-95.23	33.73	-13.00	-35.16	Horizontal



Site : 03CH12-HY

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

: NTN Band 255 Ch261674 1SC0 QPSK

	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	3287.00	-55.63	RMS	29.73	-26.25	1.13	-95.23	34.99	-13.00	-42.63	Vertical
2	4935.00	-48.91	RMS	33.28	-23.93	0.57	-95.23	36.40	-13.00	-35.91	Vertical
3	6570.00	-48.19	RMS	35.88	-22.71	0.17	-95.23	33.70	-13.00	-35.19	Vertical

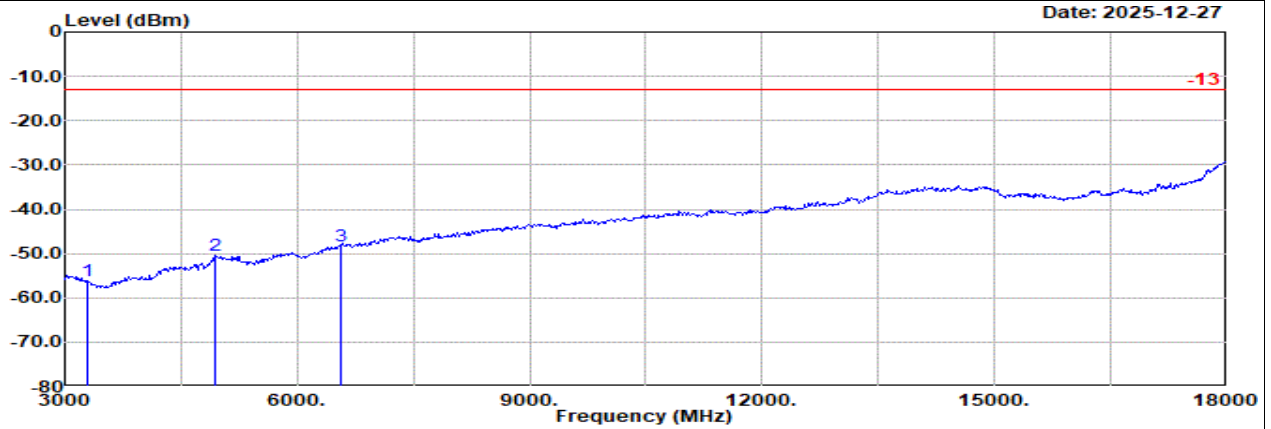


Ant. 5

Part 25 Mode 2

NTN B255 Ch261843

H

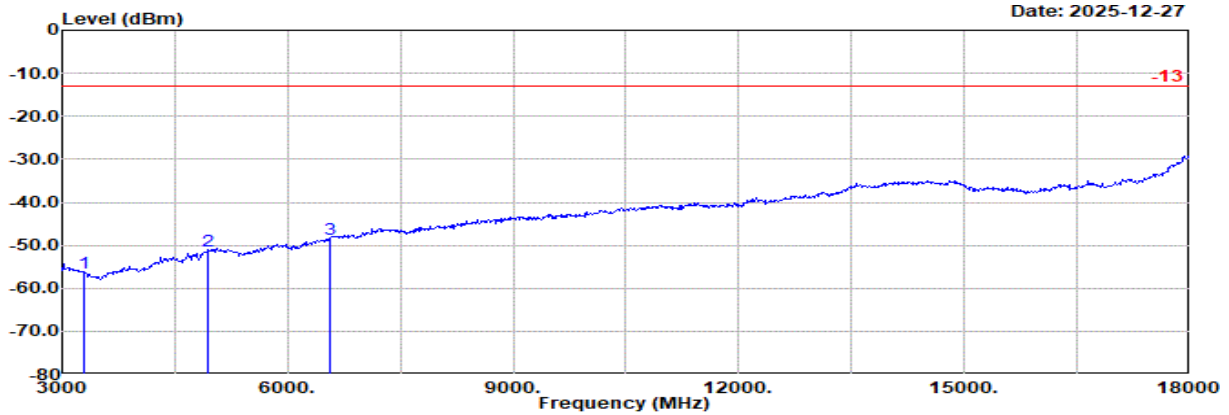


Site : 03CH12-HY

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

: NTN Band 255 Ch261843 1SC0 QPSK

	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	3287.00	-56.25	RMS	29.73	-26.25	1.13	-95.23	34.37	-13.00	-43.25 Horizontal
2	4935.00	-50.54	RMS	33.28	-23.93	0.57	-95.23	34.77	-13.00	-37.54 Horizontal
3	6570.00	-48.16	RMS	35.88	-22.71	0.17	-95.23	33.73	-13.00	-35.16 Horizontal



Site : 03CH12-HY

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

: NTN Band 255 Ch261843 1SC0 QPSK

	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	3287.00	-56.53	RMS	29.73	-26.25	1.13	-95.23	34.09	-13.00	-43.53 Vertical
2	4935.00	-51.40	RMS	33.28	-23.93	0.57	-95.23	33.91	-13.00	-38.40 Vertical
3	6570.00	-48.57	RMS	35.88	-22.71	0.17	-95.23	33.32	-13.00	-35.57 Vertical