

1.1.1 B5 1.4MHz ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	824.7	1	0	22.10	-0.84	19.11	<=38.45	Pass	
			2	22.15	-0.84	19.16	<=38.45	Pass	
			5	22.16	-0.84	19.17	<=38.45	Pass	
		3	0	22.12	-0.84	19.13	<=38.45	Pass	
			2	22.15	-0.84	19.16	<=38.45	Pass	
			3	22.13	-0.84	19.14	<=38.45	Pass	
		6	0	21.11	-0.84	18.12	<=38.45	Pass	
		836.5	1	0	22.11	-0.84	19.12	<=38.45	Pass
				2	22.28	-0.84	19.29	<=38.45	Pass
	5			22.20	-0.84	19.21	<=38.45	Pass	
	3		0	22.15	-0.84	19.16	<=38.45	Pass	
			2	22.29	-0.84	19.30	<=38.45	Pass	
			3	22.22	-0.84	19.23	<=38.45	Pass	
	6	0	21.23	-0.84	18.24	<=38.45	Pass		
	848.3	1	0	22.20	-0.84	19.21	<=38.45	Pass	
			2	22.18	-0.84	19.19	<=38.45	Pass	
			5	22.12	-0.84	19.13	<=38.45	Pass	
		3	0	22.23	-0.84	19.24	<=38.45	Pass	
			2	22.30	-0.84	19.31	<=38.45	Pass	
			3	22.17	-0.84	19.18	<=38.45	Pass	
	6	0	21.18	-0.84	18.19	<=38.45	Pass		
	16QAM	824.7	1	0	21.32	-0.84	18.33	<=38.45	Pass
				2	21.34	-0.84	18.35	<=38.45	Pass
				5	21.31	-0.84	18.32	<=38.45	Pass
3			0	21.12	-0.84	18.13	<=38.45	Pass	
			2	21.18	-0.84	18.19	<=38.45	Pass	
			3	21.18	-0.84	18.19	<=38.45	Pass	
6			0	20.12	-0.84	17.13	<=38.45	Pass	
836.5			1	0	21.11	-0.84	18.12	<=38.45	Pass
				2	21.24	-0.84	18.25	<=38.45	Pass
		5		21.30	-0.84	18.31	<=38.45	Pass	
		3	0	21.17	-0.84	18.18	<=38.45	Pass	
			2	21.32	-0.84	18.33	<=38.45	Pass	
			3	21.20	-0.84	18.21	<=38.45	Pass	
6		0	20.23	-0.84	17.24	<=38.45	Pass		
848.3		1	0	21.25	-0.84	18.26	<=38.45	Pass	
			2	21.19	-0.84	18.20	<=38.45	Pass	
			5	21.17	-0.84	18.18	<=38.45	Pass	
		3	0	21.39	-0.84	18.40	<=38.45	Pass	
			2	21.44	-0.84	18.45	<=38.45	Pass	
			3	21.38	-0.84	18.39	<=38.45	Pass	
		6	0	20.19	-0.84	17.20	<=38.45	Pass	
		Note1: ERP=Conducted Power+Antenna Gain-2.15							

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	22.16	-0.84	19.17	<=38.45	Pass		
			7	22.23	-0.84	19.24	<=38.45	Pass		
			14	22.08	-0.84	19.09	<=38.45	Pass		
		8	0	21.15	-0.84	18.16	<=38.45	Pass		
			4	21.16	-0.84	18.17	<=38.45	Pass		
			7	21.07	-0.84	18.08	<=38.45	Pass		
		15	0	21.18	-0.84	18.19	<=38.45	Pass		
		836.5	1	0	22.14	-0.84	19.15	<=38.45	Pass	
				7	22.27	-0.84	19.28	<=38.45	Pass	
	14			22.16	-0.84	19.17	<=38.45	Pass		
	8		0	21.15	-0.84	18.16	<=38.45	Pass		
			4	21.27	-0.84	18.28	<=38.45	Pass		
			7	21.23	-0.84	18.24	<=38.45	Pass		
	15	0	21.22	-0.84	18.23	<=38.45	Pass			
	847.5	1	0	22.40	-0.84	19.41	<=38.45	Pass		
			7	22.36	-0.84	19.37	<=38.45	Pass		
			14	22.18	-0.84	19.19	<=38.45	Pass		
		8	0	21.22	-0.84	18.23	<=38.45	Pass		
			4	21.32	-0.84	18.33	<=38.45	Pass		
			7	21.23	-0.84	18.24	<=38.45	Pass		
		15	0	21.30	-0.84	18.31	<=38.45	Pass		
		16QAM	825.5	1	0	21.71	-0.84	18.72	<=38.45	Pass
					7	21.86	-0.84	18.87	<=38.45	Pass
	14				21.63	-0.84	18.64	<=38.45	Pass	
8	0			20.36	-0.84	17.37	<=38.45	Pass		
	4			20.35	-0.84	17.36	<=38.45	Pass		
	7			20.25	-0.84	17.26	<=38.45	Pass		
15	0			20.26	-0.84	17.27	<=38.45	Pass		
836.5	1			0	21.42	-0.84	18.43	<=38.45	Pass	
				7	21.39	-0.84	18.40	<=38.45	Pass	
			14	21.34	-0.84	18.35	<=38.45	Pass		
	8		0	20.15	-0.84	17.16	<=38.45	Pass		
			4	20.22	-0.84	17.23	<=38.45	Pass		
			7	20.20	-0.84	17.21	<=38.45	Pass		
15	0		20.21	-0.84	17.22	<=38.45	Pass			
847.5	1		0	21.45	-0.84	18.46	<=38.45	Pass		
			7	21.36	-0.84	18.37	<=38.45	Pass		
			14	21.24	-0.84	18.25	<=38.45	Pass		
	8		0	20.29	-0.84	17.30	<=38.45	Pass		
			4	20.36	-0.84	17.37	<=38.45	Pass		
			7	20.27	-0.84	17.28	<=38.45	Pass		
	15		0	20.35	-0.84	17.36	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	22.18	-0.84	19.19	<=38.45	Pass		
			13	22.11	-0.84	19.12	<=38.45	Pass		
			24	22.02	-0.84	19.03	<=38.45	Pass		
		12	0	21.18	-0.84	18.19	<=38.45	Pass		
			6	21.10	-0.84	18.11	<=38.45	Pass		
			13	21.15	-0.84	18.16	<=38.45	Pass		
		25	0	21.12	-0.84	18.13	<=38.45	Pass		
		836.5	1	0	22.14	-0.84	19.15	<=38.45	Pass	
				13	22.27	-0.84	19.28	<=38.45	Pass	
	24			22.23	-0.84	19.24	<=38.45	Pass		
	12		0	21.17	-0.84	18.18	<=38.45	Pass		
			6	21.26	-0.84	18.27	<=38.45	Pass		
			13	21.18	-0.84	18.19	<=38.45	Pass		
	25	0	21.22	-0.84	18.23	<=38.45	Pass			
	846.5	1	0	22.37	-0.84	19.38	<=38.45	Pass		
			13	22.32	-0.84	19.33	<=38.45	Pass		
			24	22.18	-0.84	19.19	<=38.45	Pass		
		12	0	21.37	-0.84	18.38	<=38.45	Pass		
			6	21.27	-0.84	18.28	<=38.45	Pass		
			13	21.25	-0.84	18.26	<=38.45	Pass		
		25	0	21.28	-0.84	18.29	<=38.45	Pass		
		16QAM	826.5	1	0	21.09	-0.84	18.10	<=38.45	Pass
					13	21.02	-0.84	18.03	<=38.45	Pass
	24				20.95	-0.84	17.96	<=38.45	Pass	
12	0			20.19	-0.84	17.20	<=38.45	Pass		
	6			20.14	-0.84	17.15	<=38.45	Pass		
	13			20.16	-0.84	17.17	<=38.45	Pass		
25	0			20.18	-0.84	17.19	<=38.45	Pass		
836.5	1		0	21.36	-0.84	18.37	<=38.45	Pass		
			13	21.51	-0.84	18.52	<=38.45	Pass		
			24	21.48	-0.84	18.49	<=38.45	Pass		
	12		0	20.24	-0.84	17.25	<=38.45	Pass		
			6	20.28	-0.84	17.29	<=38.45	Pass		
			13	20.20	-0.84	17.21	<=38.45	Pass		
25	0		20.24	-0.84	17.25	<=38.45	Pass			
846.5	1		0	21.53	-0.84	18.54	<=38.45	Pass		
			13	21.39	-0.84	18.40	<=38.45	Pass		
			24	21.35	-0.84	18.36	<=38.45	Pass		
	12		0	20.41	-0.84	17.42	<=38.45	Pass		
		6	20.29	-0.84	17.30	<=38.45	Pass			
		13	20.32	-0.84	17.33	<=38.45	Pass			
	25	0	20.31	-0.84	17.32	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	829	1	0	22.29	-0.84	19.30	<=38.45	Pass		
			25	22.06	-0.84	19.07	<=38.45	Pass		
			49	22.52	-0.84	19.53	<=38.45	Pass		
		25	0	21.16	-0.84	18.17	<=38.45	Pass		
			13	21.25	-0.84	18.26	<=38.45	Pass		
			25	21.18	-0.84	18.19	<=38.45	Pass		
		50	0	21.17	-0.84	18.18	<=38.45	Pass		
		836.5	1	0	22.22	-0.84	19.23	<=38.45	Pass	
				25	22.18	-0.84	19.19	<=38.45	Pass	
	49			22.59	-0.84	19.60	<=38.45	Pass		
	25		0	21.18	-0.84	18.19	<=38.45	Pass		
			13	21.26	-0.84	18.27	<=38.45	Pass		
			25	21.39	-0.84	18.40	<=38.45	Pass		
	50	0	21.27	-0.84	18.28	<=38.45	Pass			
	844	1	0	22.60	-0.84	19.61	<=38.45	Pass		
			25	22.41	-0.84	19.42	<=38.45	Pass		
			49	22.63	-0.84	19.64	<=38.45	Pass		
		25	0	21.42	-0.84	18.43	<=38.45	Pass		
			13	21.38	-0.84	18.39	<=38.45	Pass		
			25	21.36	-0.84	18.37	<=38.45	Pass		
		50	0	21.41	-0.84	18.42	<=38.45	Pass		
		16QAM	829	1	0	21.97	-0.84	18.98	<=38.45	Pass
					25	21.69	-0.84	18.70	<=38.45	Pass
	49				22.15	-0.84	19.16	<=38.45	Pass	
	25			0	20.22	-0.84	17.23	<=38.45	Pass	
				13	20.32	-0.84	17.33	<=38.45	Pass	
				25	20.28	-0.84	17.29	<=38.45	Pass	
50	0			20.20	-0.84	17.21	<=38.45	Pass		
836.5	1		0	21.50	-0.84	18.51	<=38.45	Pass		
			25	21.34	-0.84	18.35	<=38.45	Pass		
			49	21.80	-0.84	18.81	<=38.45	Pass		
	25		0	20.20	-0.84	17.21	<=38.45	Pass		
			13	20.30	-0.84	17.31	<=38.45	Pass		
25			20.39	-0.84	17.40	<=38.45	Pass			
50	0		20.33	-0.84	17.34	<=38.45	Pass			
844	1		0	21.52	-0.84	18.53	<=38.45	Pass		
			25	21.28	-0.84	18.29	<=38.45	Pass		
			49	21.47	-0.84	18.48	<=38.45	Pass		
	25		0	20.48	-0.84	17.49	<=38.45	Pass		
		13	20.48	-0.84	17.49	<=38.45	Pass			
		25	20.49	-0.84	17.50	<=38.45	Pass			
	50	0	20.40	-0.84	17.41	<=38.45	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	3.27	1.711	0.0020	-2.5 to 2.5	Pass
					3.85	2.337	0.0028	-2.5 to 2.5	Pass
					4.43	1.731	0.0021	-2.5 to 2.5	Pass
				-30	3.85	1.188	0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.552	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.428	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.447	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.813	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.265	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.540	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.459	0.0017	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

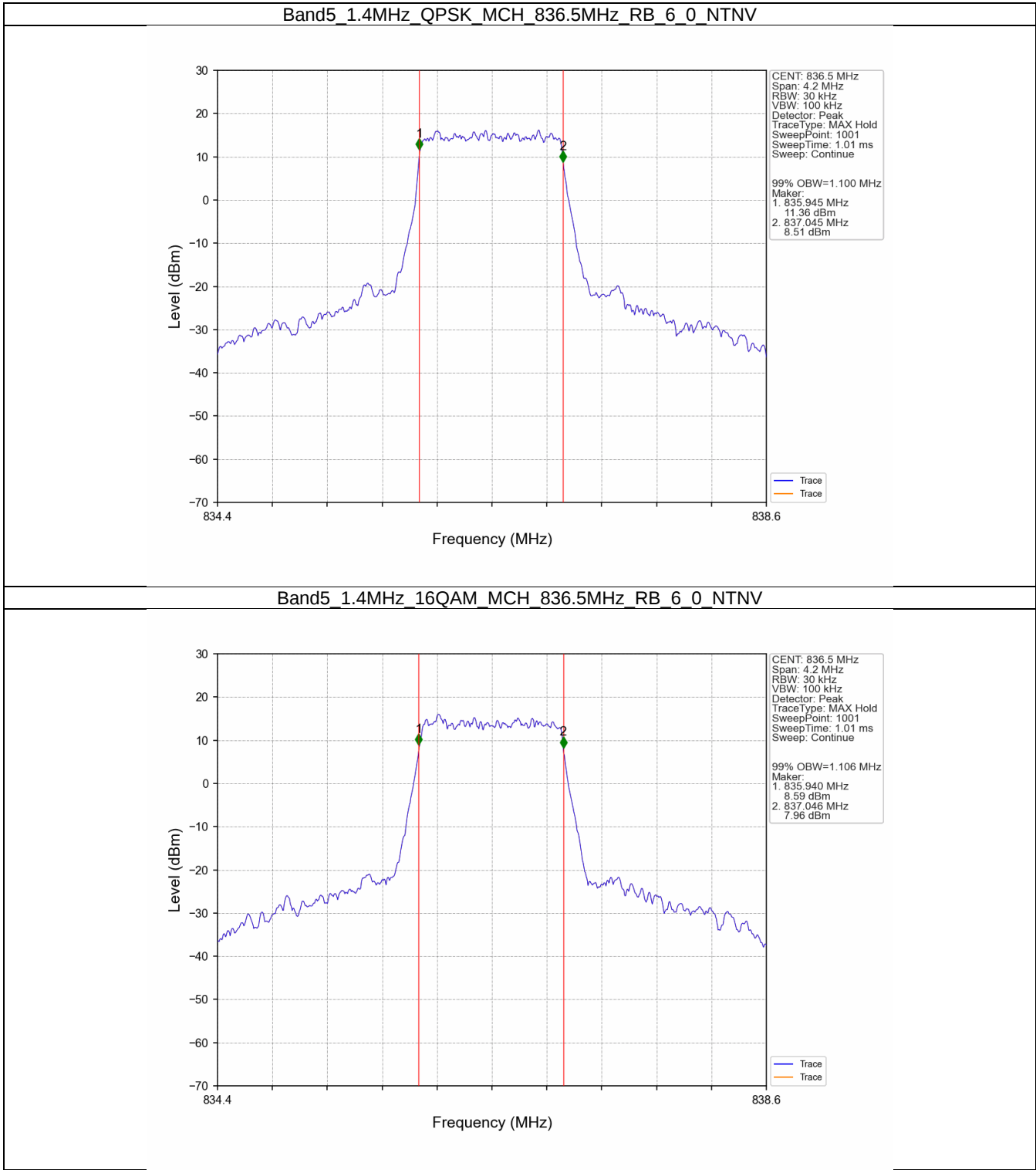
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.100	/	Pass
	16QAM	836.5	6	0	1.106	/	Pass
3	QPSK	836.5	15	0	2.747	/	Pass
	16QAM	836.5	15	0	2.764	/	Pass
5	QPSK	836.5	25	0	4.536	/	Pass
	16QAM	836.5	25	0	4.507	/	Pass
10	QPSK	836.5	50	0	9.015	/	Pass
	16QAM	836.5	50	0	9.007	/	Pass

3.1.2 Band5_XDB

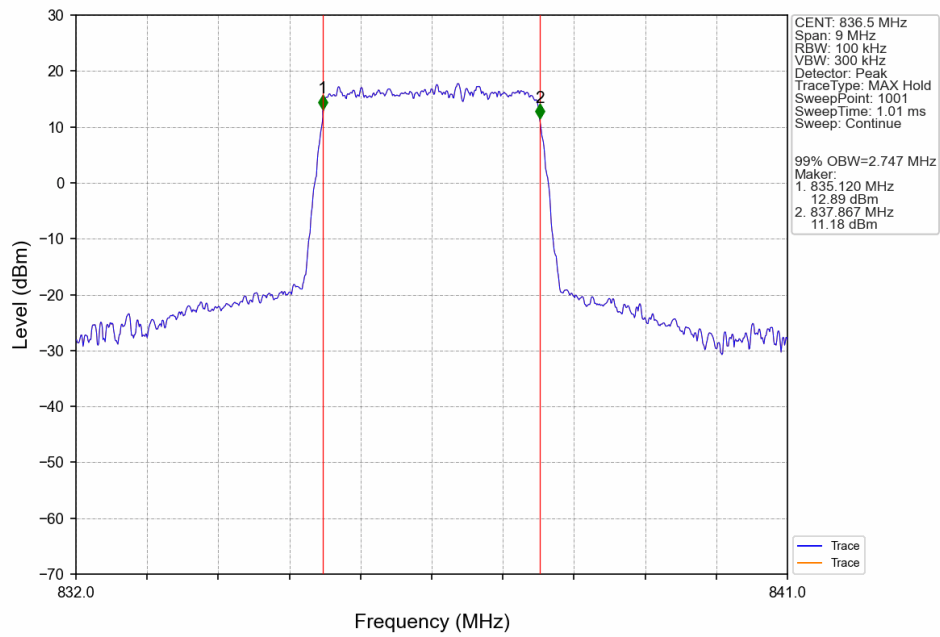
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.291	/	Pass
	16QAM	836.5	6	0	1.306	/	Pass
3	QPSK	836.5	15	0	3.057	/	Pass
	16QAM	836.5	15	0	3.064	/	Pass
5	QPSK	836.5	25	0	5.041	/	Pass
	16QAM	836.5	25	0	5.029	/	Pass
10	QPSK	836.5	50	0	9.863	/	Pass
	16QAM	836.5	50	0	9.749	/	Pass

3.2 Test Graph

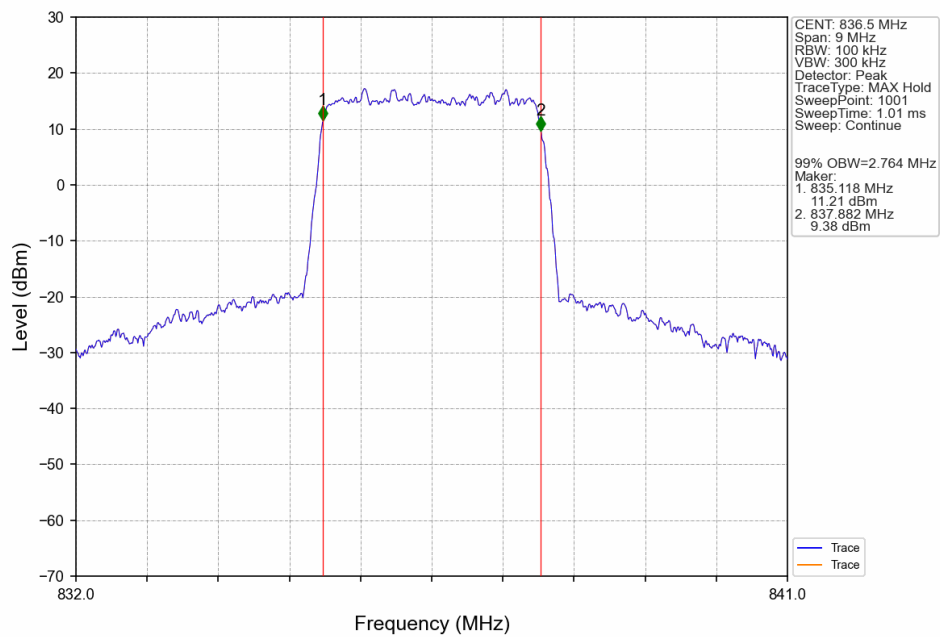
3.2.1 Band5_OBW



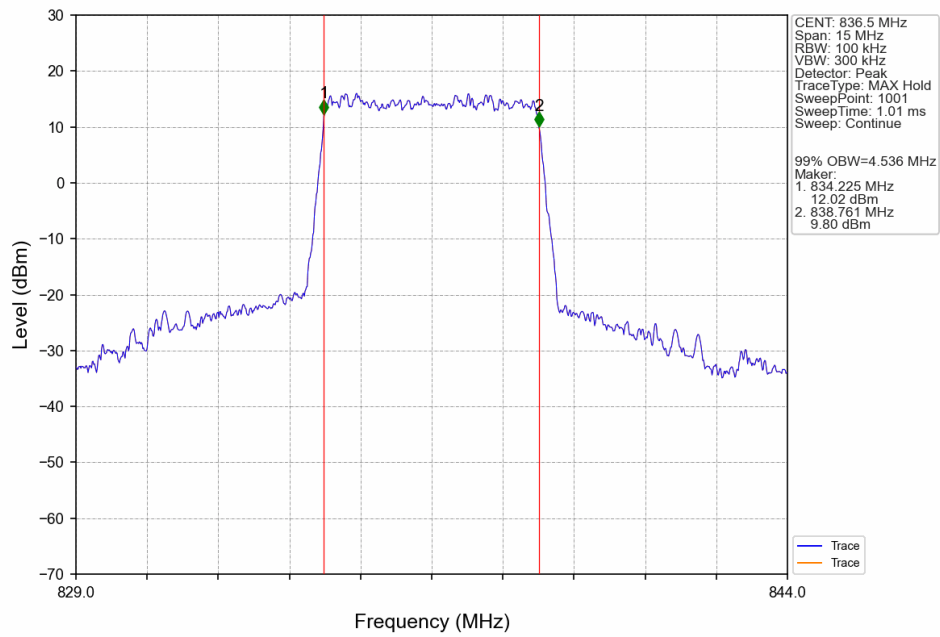
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



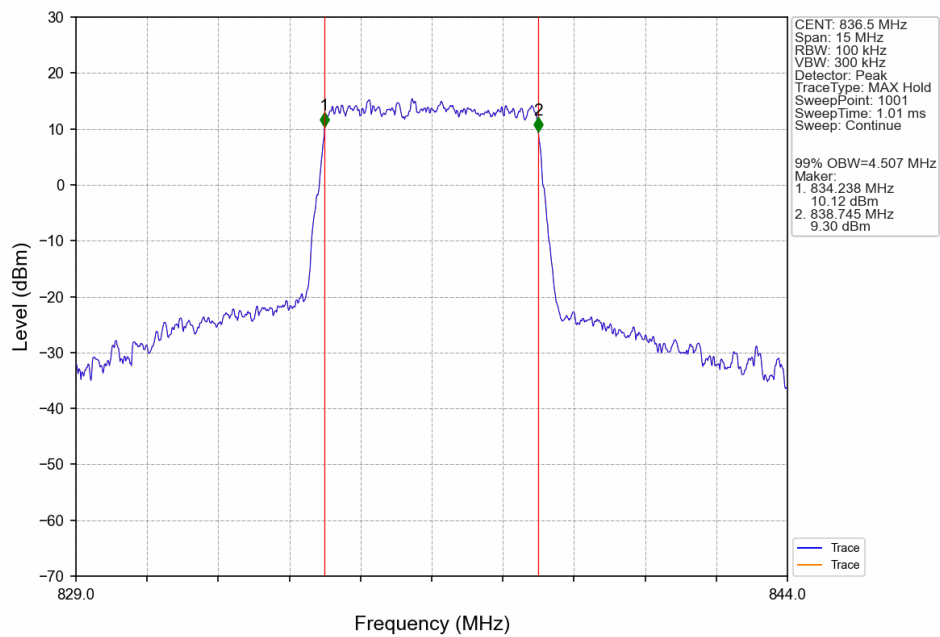
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



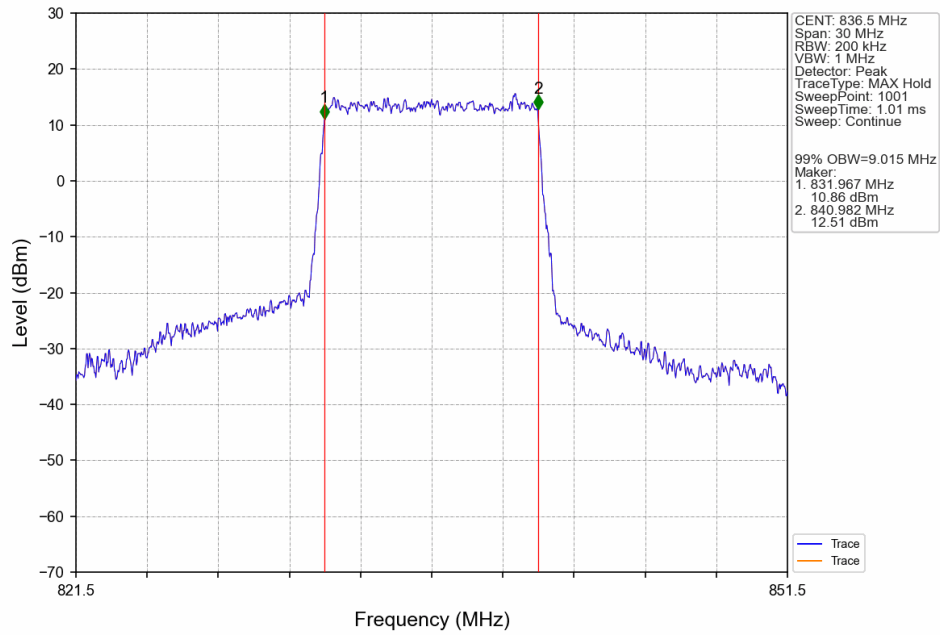
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



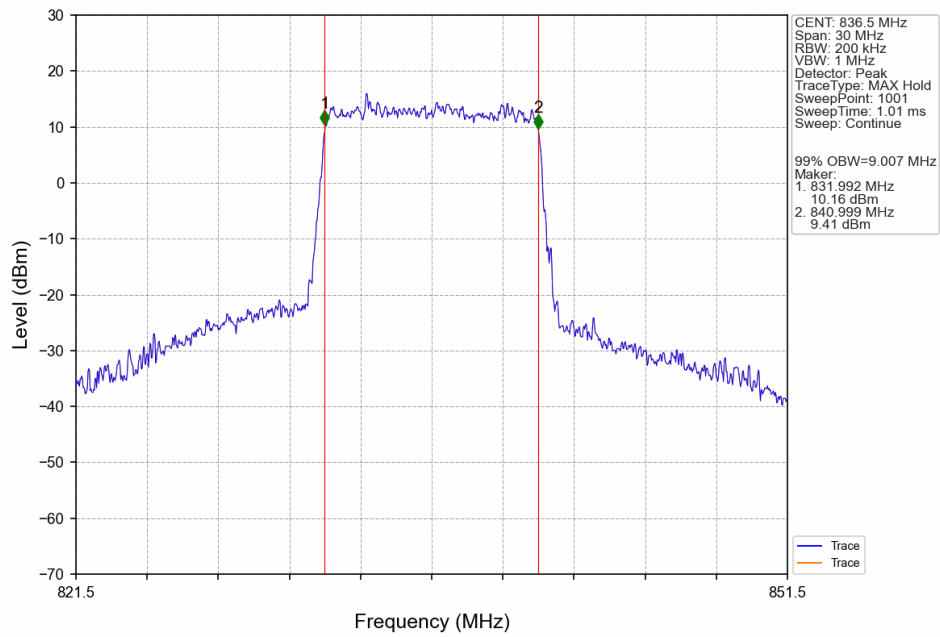
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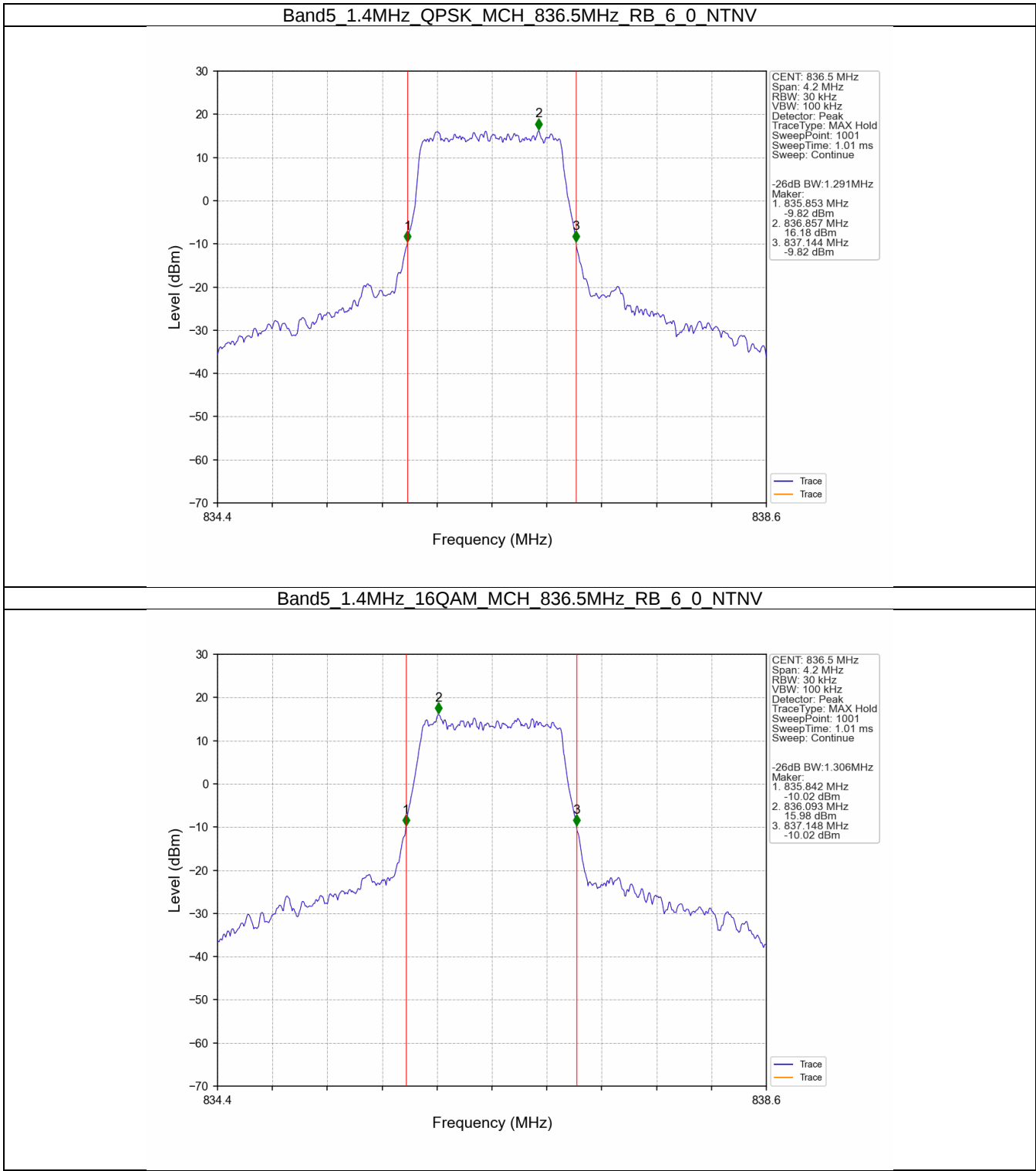
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



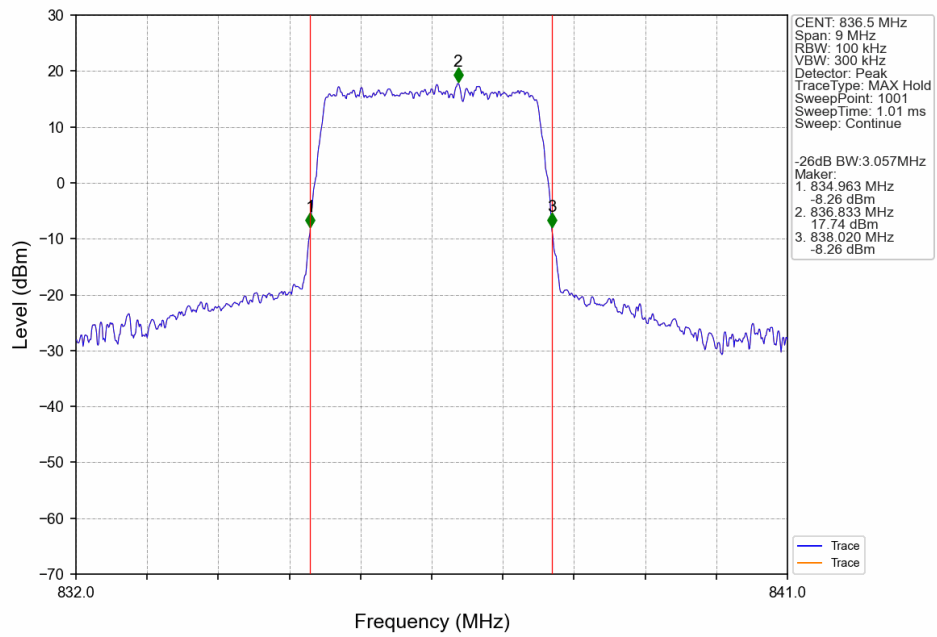
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



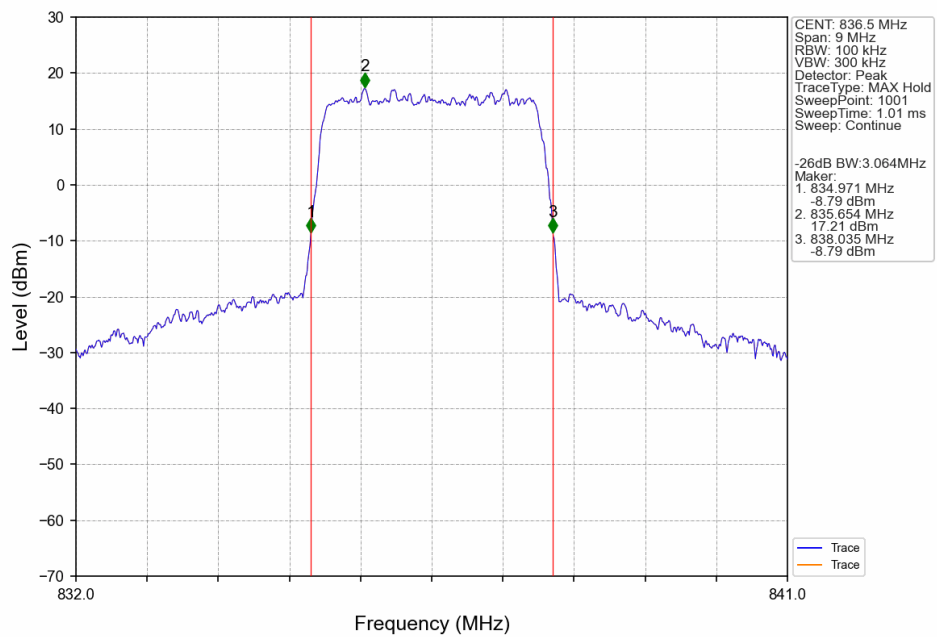
3.2.2 Band5_XDB



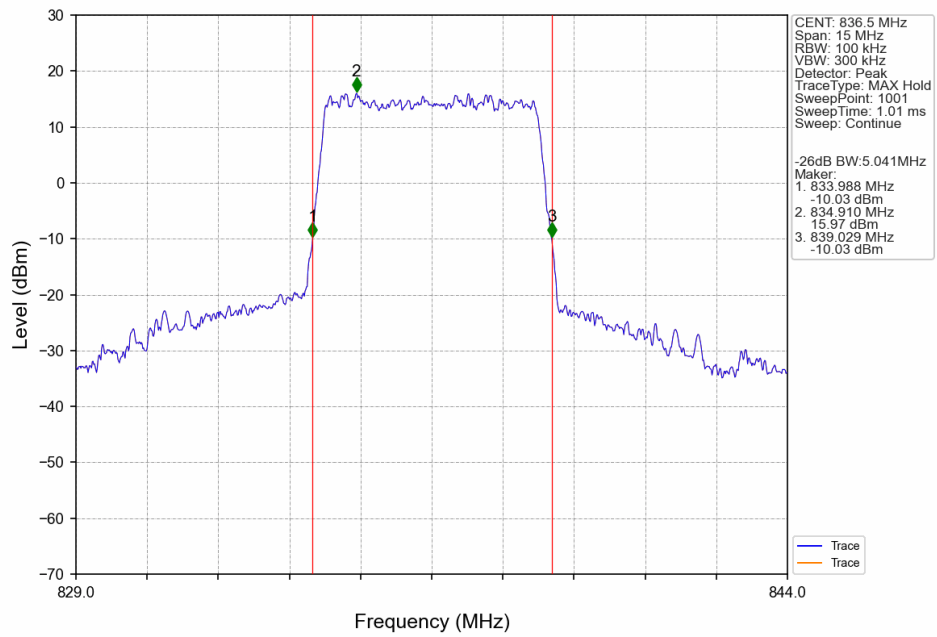
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



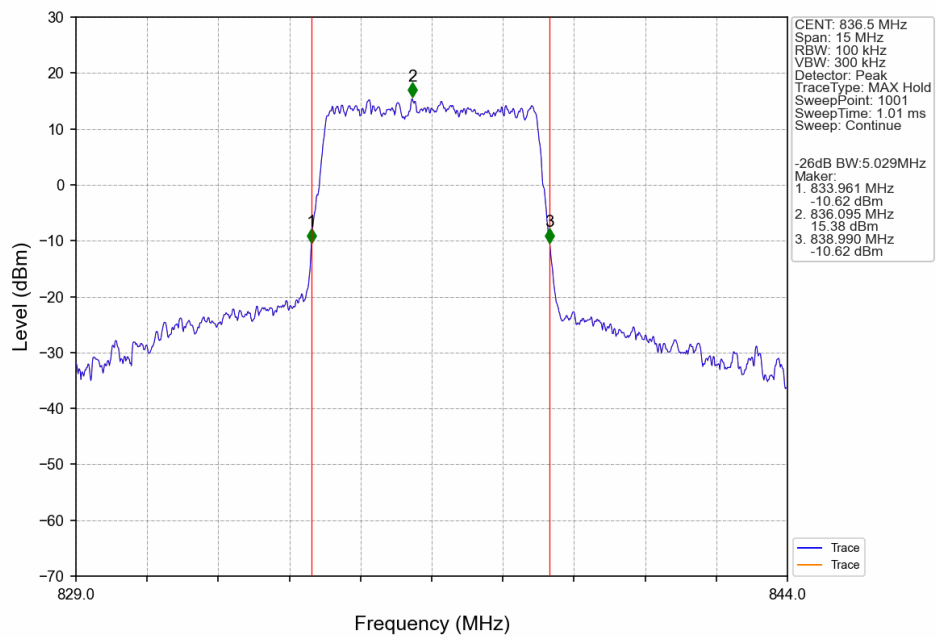
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



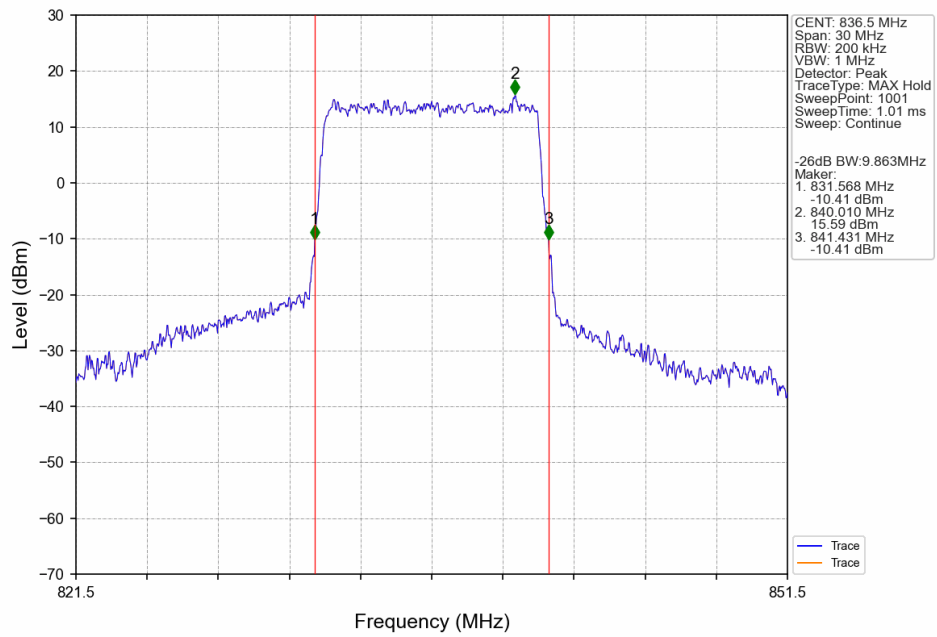
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



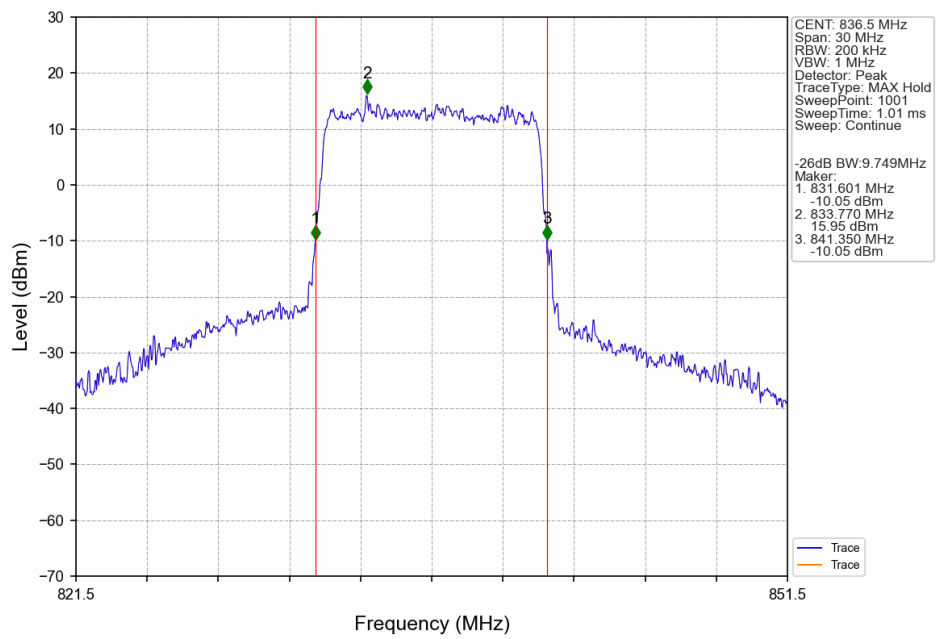
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

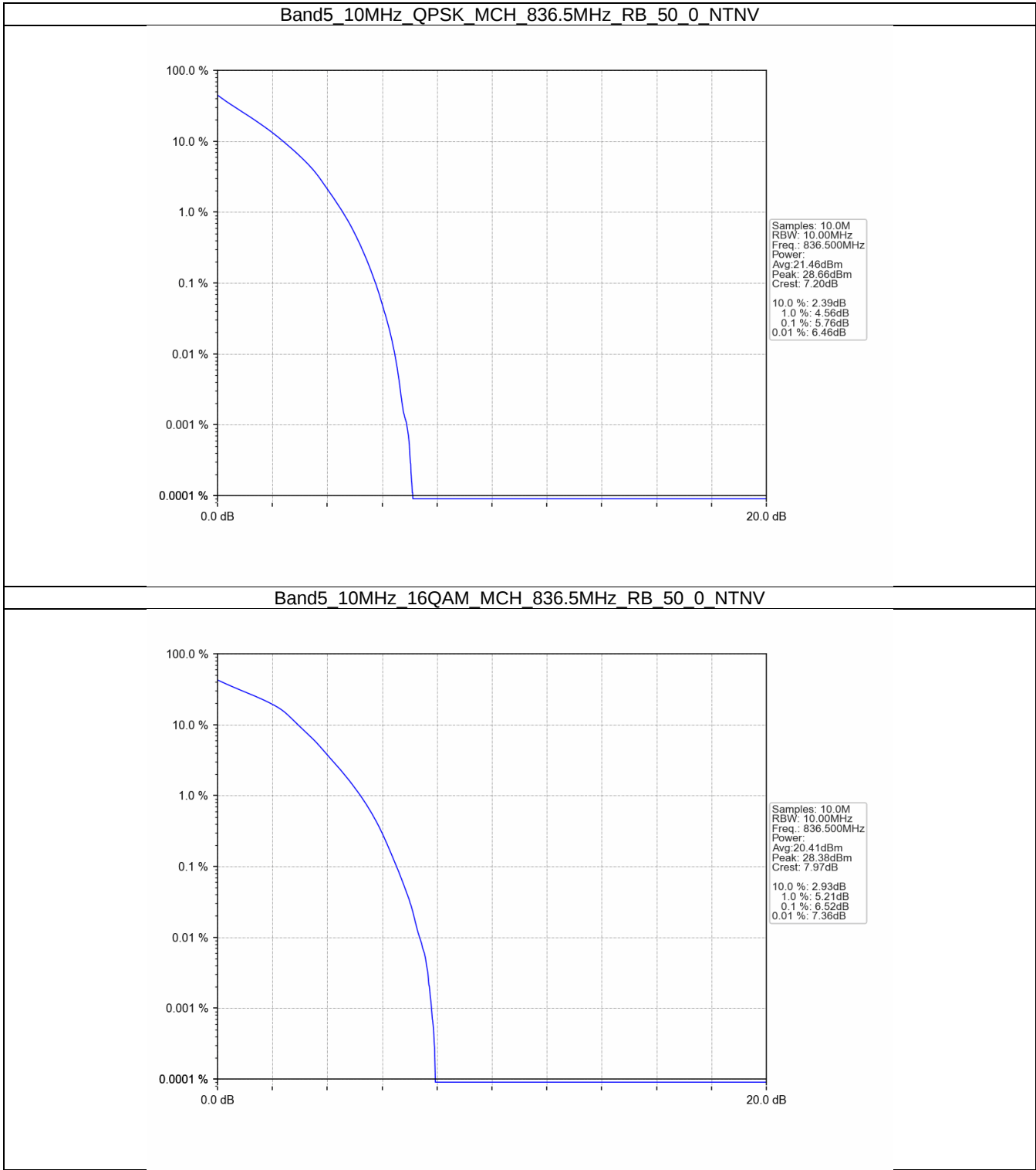
4.1 Test Result

4.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.76	<=13	Pass
16QAM	836.5	50	0	6.52	<=13	Pass

4.2 Test Graph

4.2.1 B5_10MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B5_5MHz

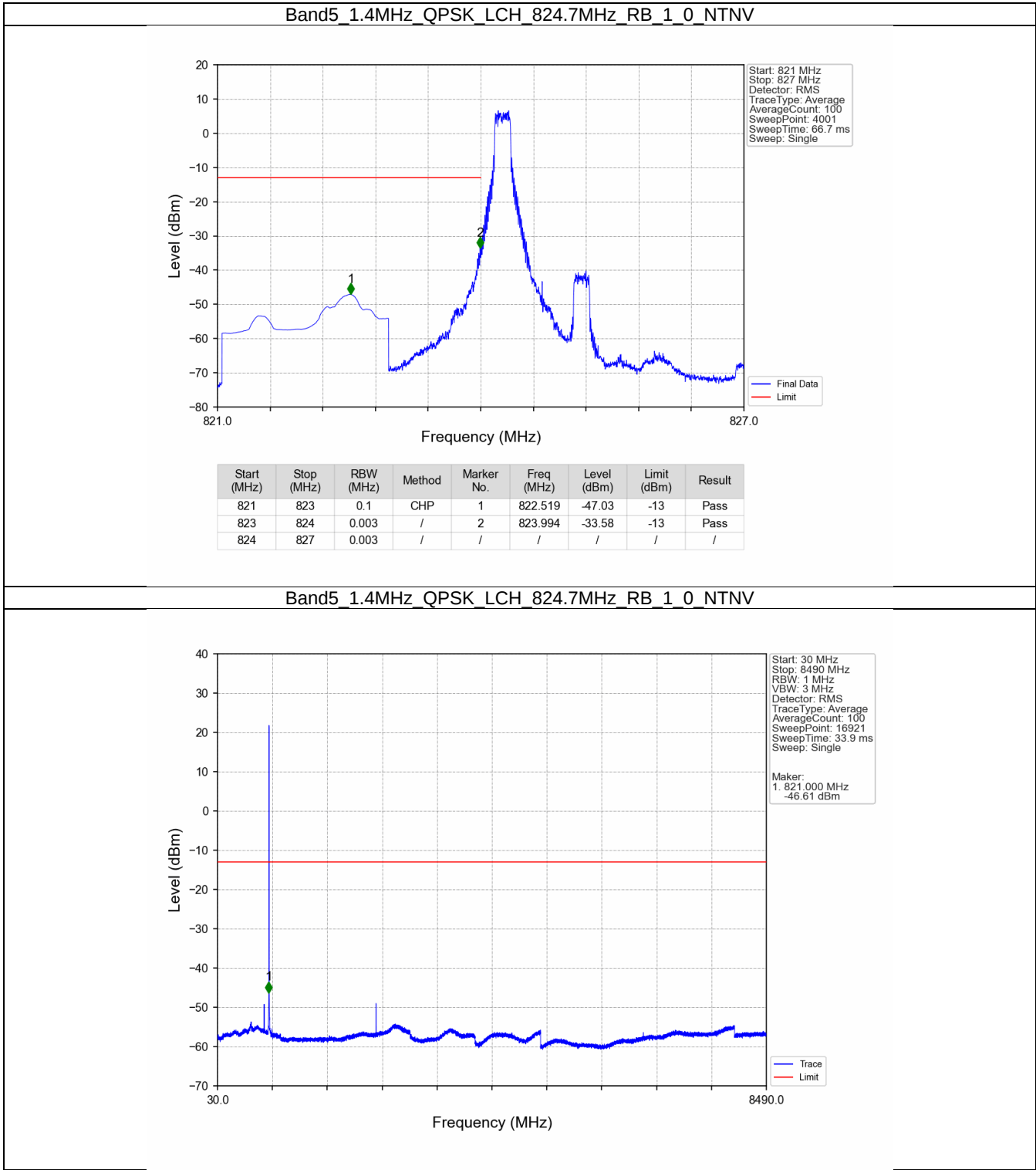
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B5_10MHz

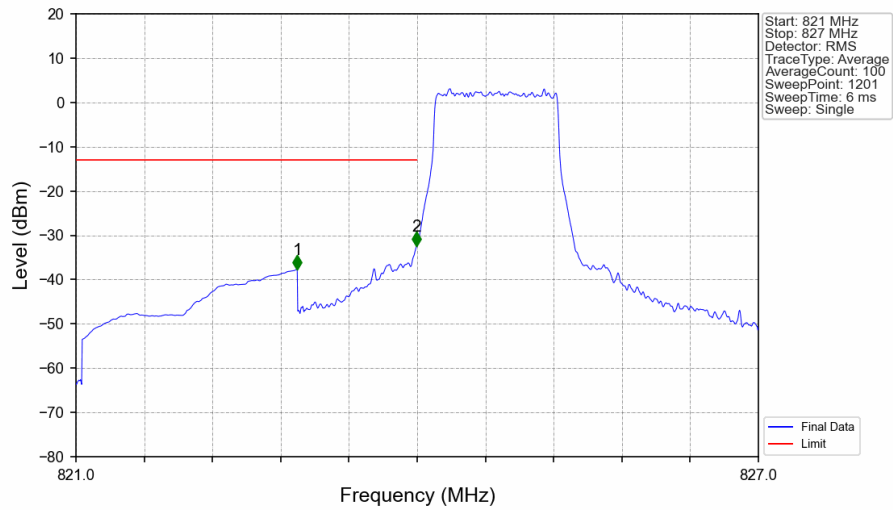
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B5_1.4MHz

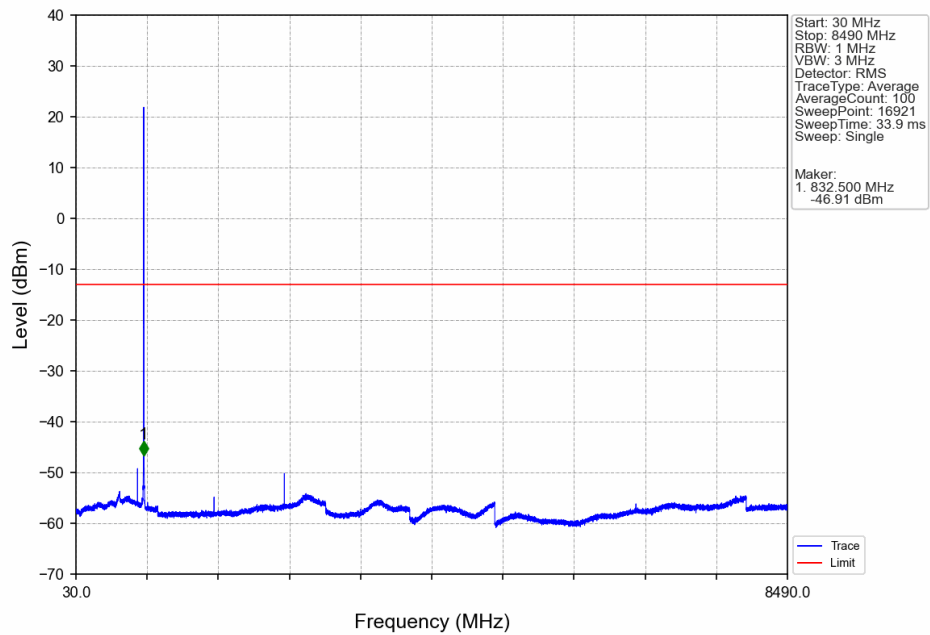


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

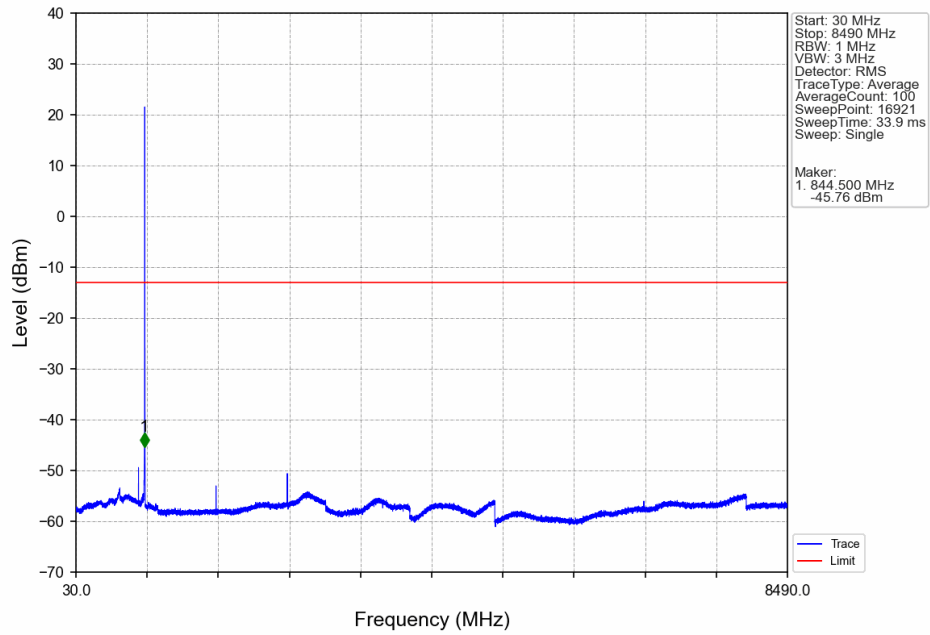


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.63	-13	Pass
823	824	0.013	CHP	2	823.995	-32.35	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

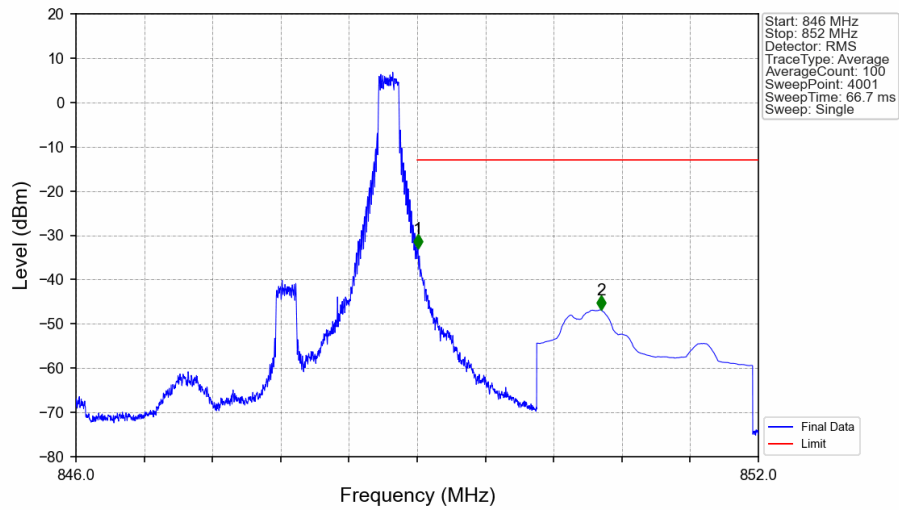
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN

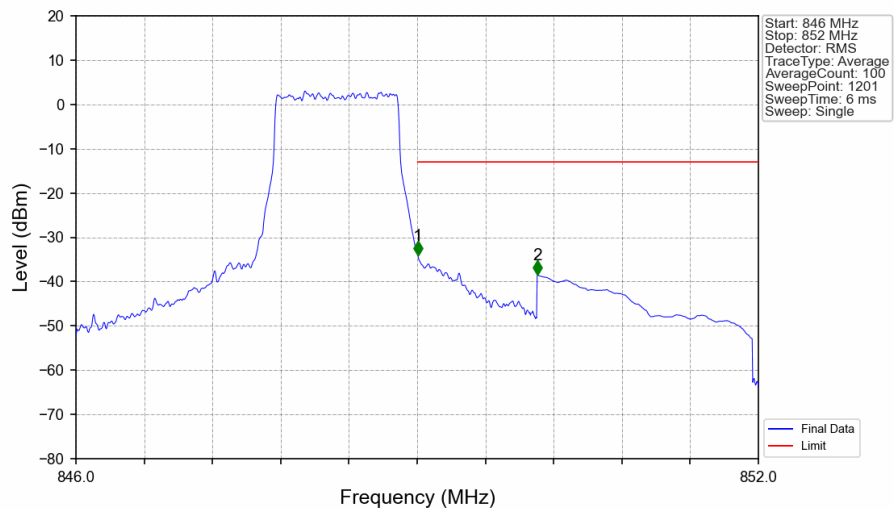


Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN



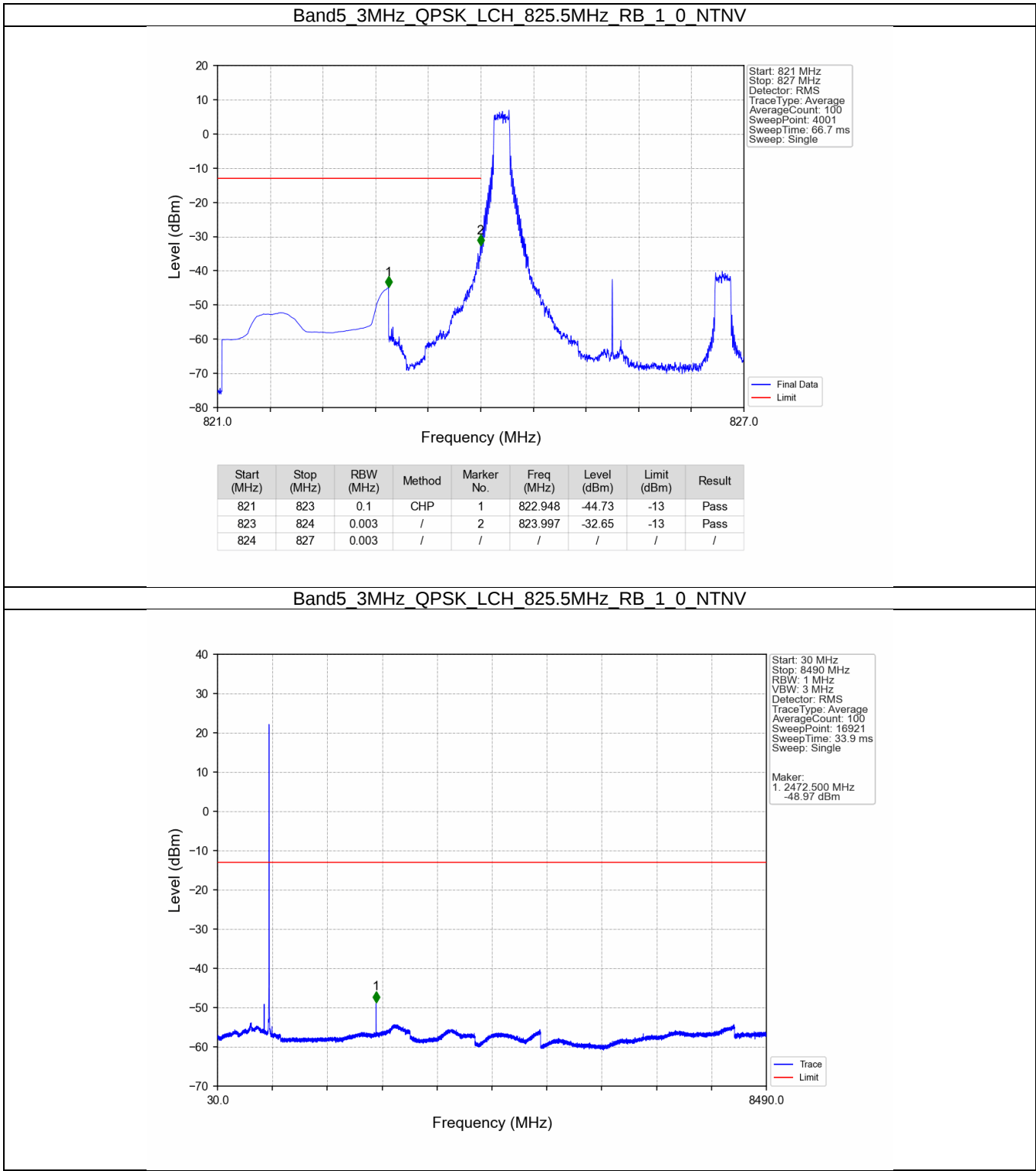
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-32.88	-13	Pass
850	852	0.1	CHP	2	850.617	-46.81	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

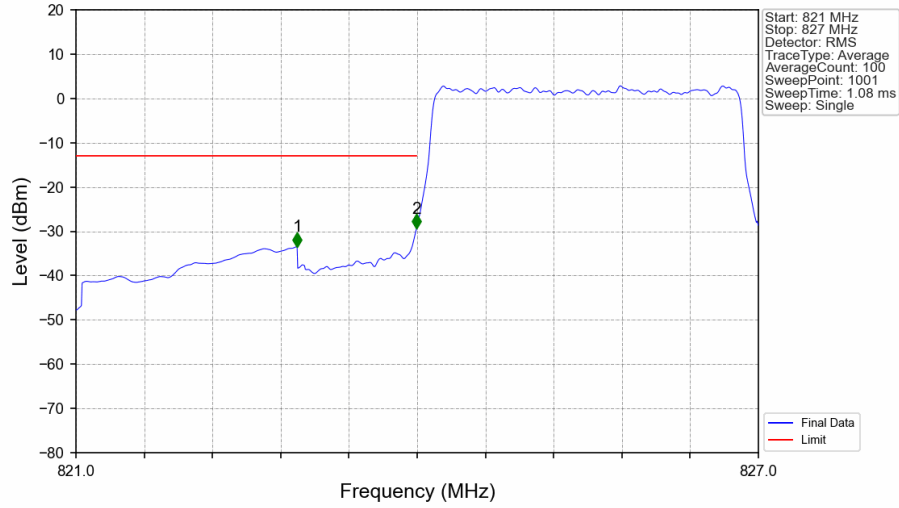


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-34.02	-13	Pass
850	852	0.1	CHP	2	850.055	-38.46	-13	Pass

5.2.2 B5_3MHz

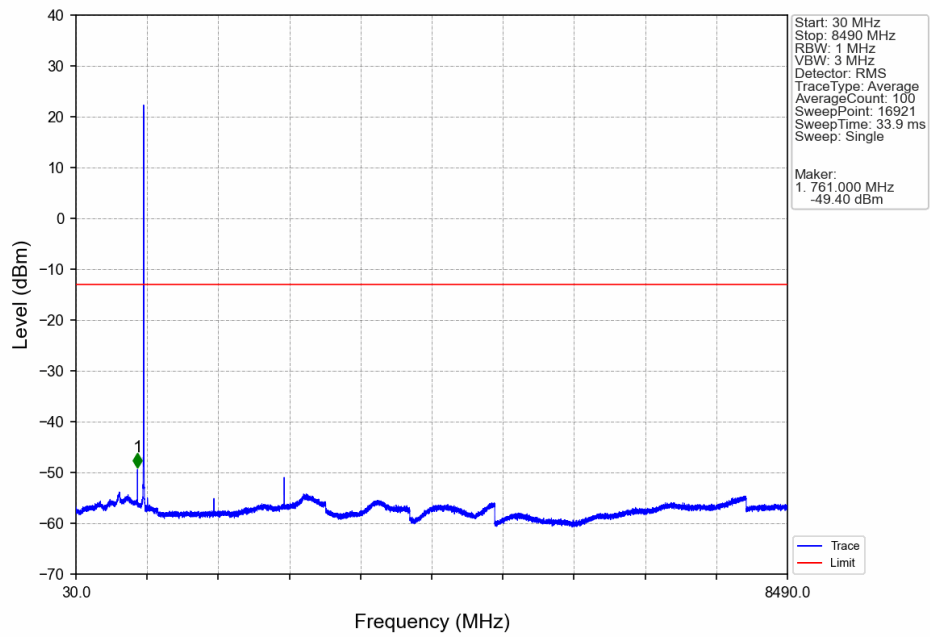


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

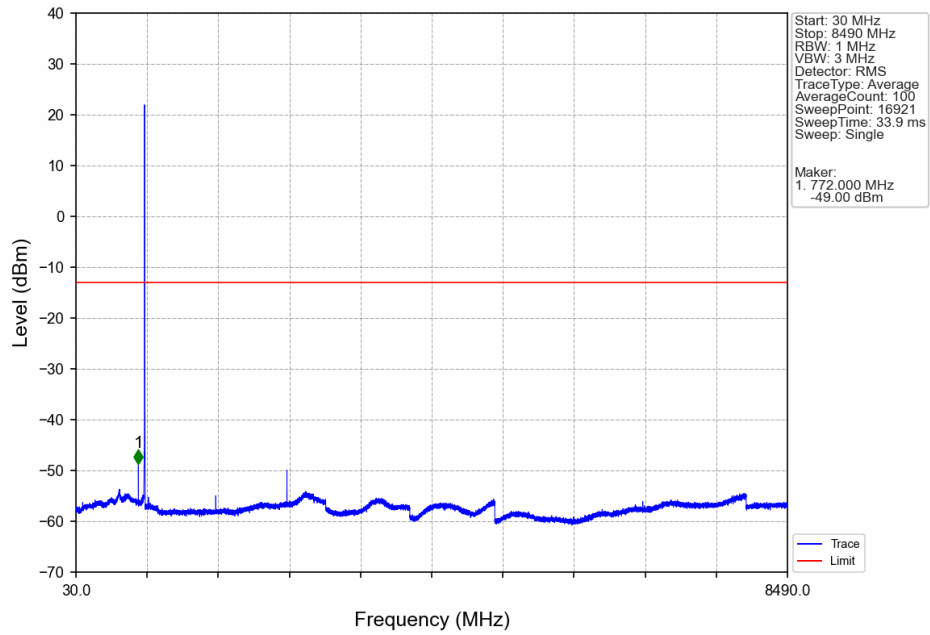


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-33.41	-13	Pass
823	824	0.031	CHP	2	823.994	-29.38	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

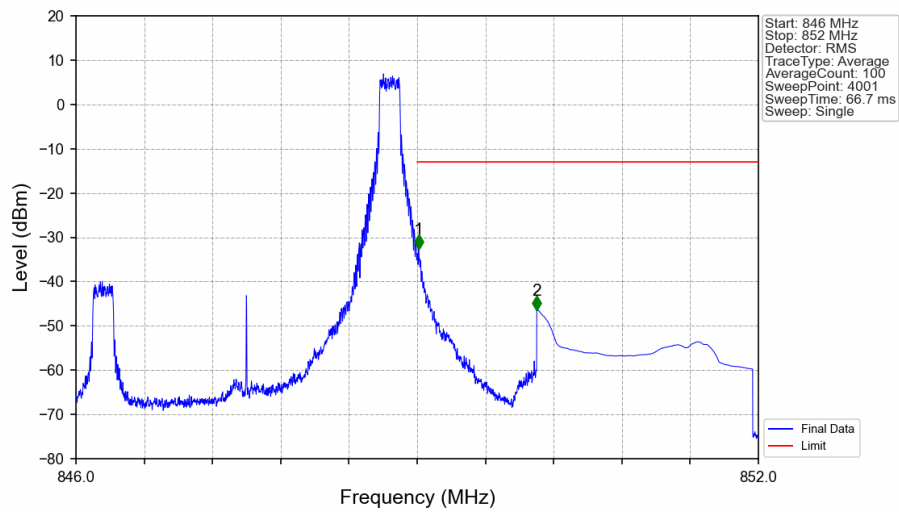
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

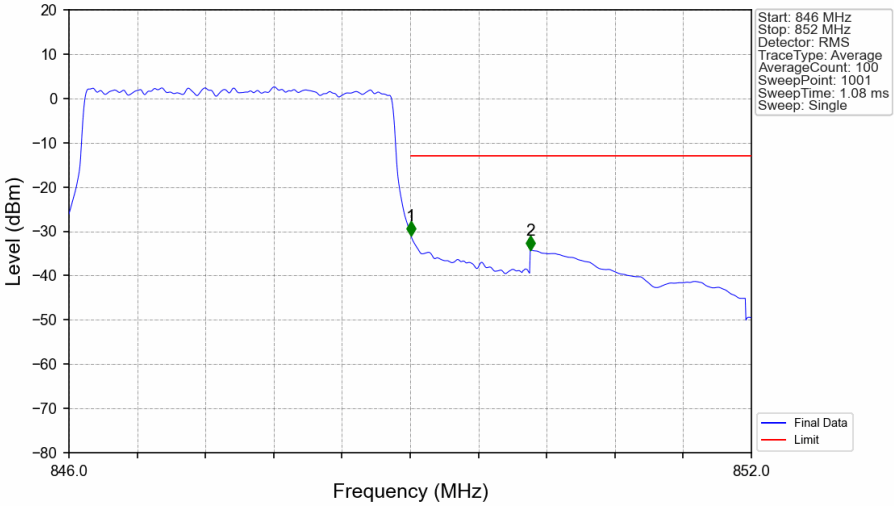


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



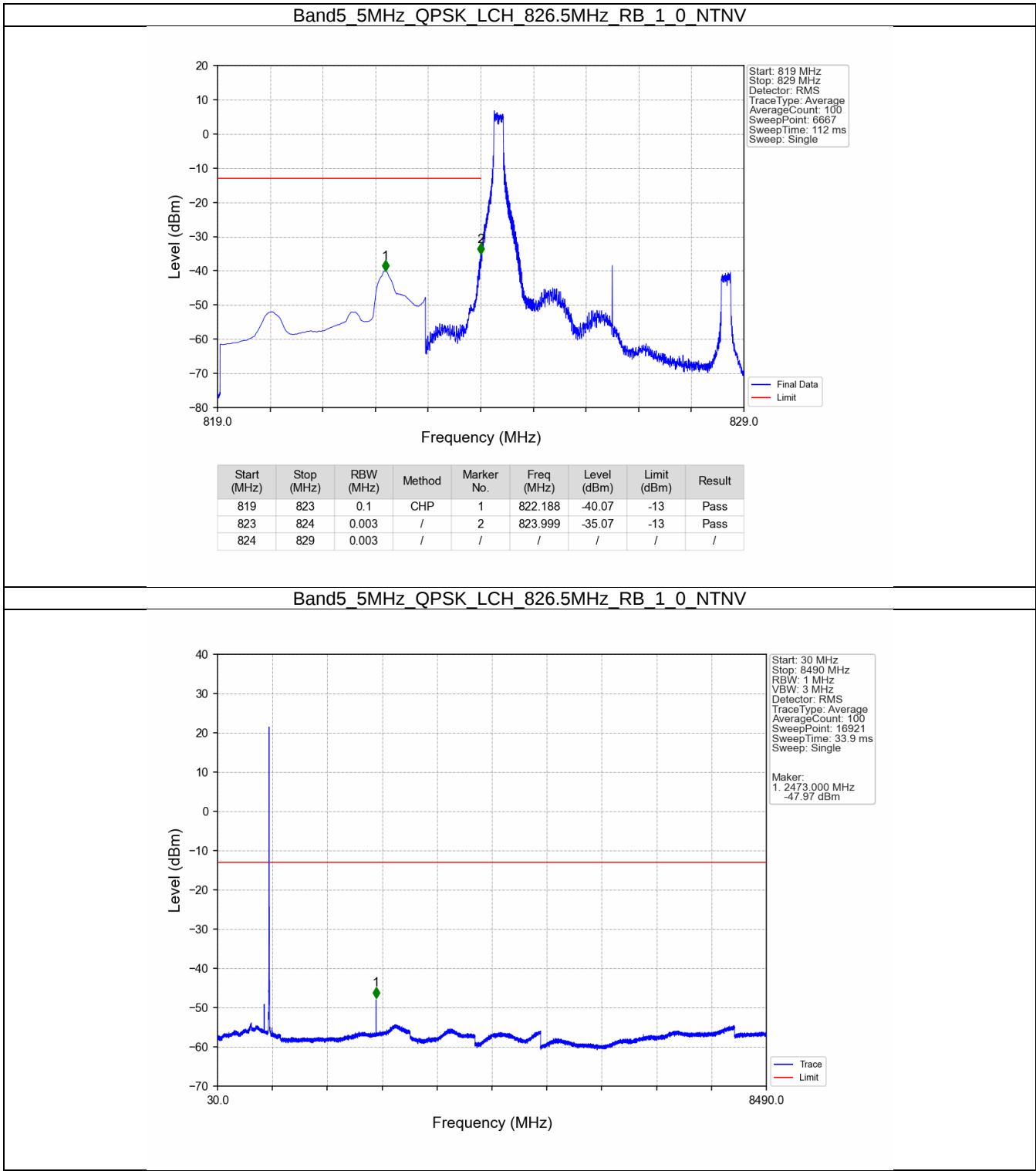
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.014	-32.54	-13	Pass
850	852	0.1	CHP	2	850.052	-46.46	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

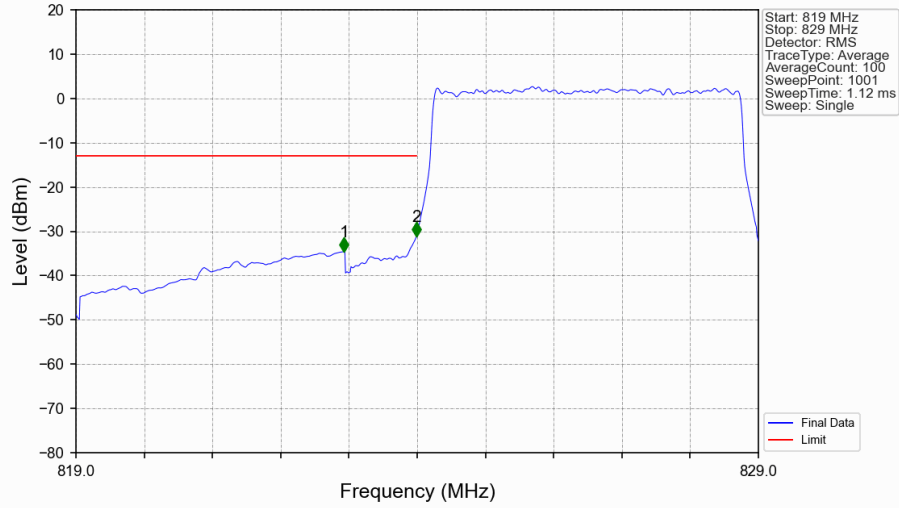


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-30.91	-13	Pass
850	852	0.1	CHP	2	850.056	-34.17	-13	Pass

5.2.3 B5_5MHz

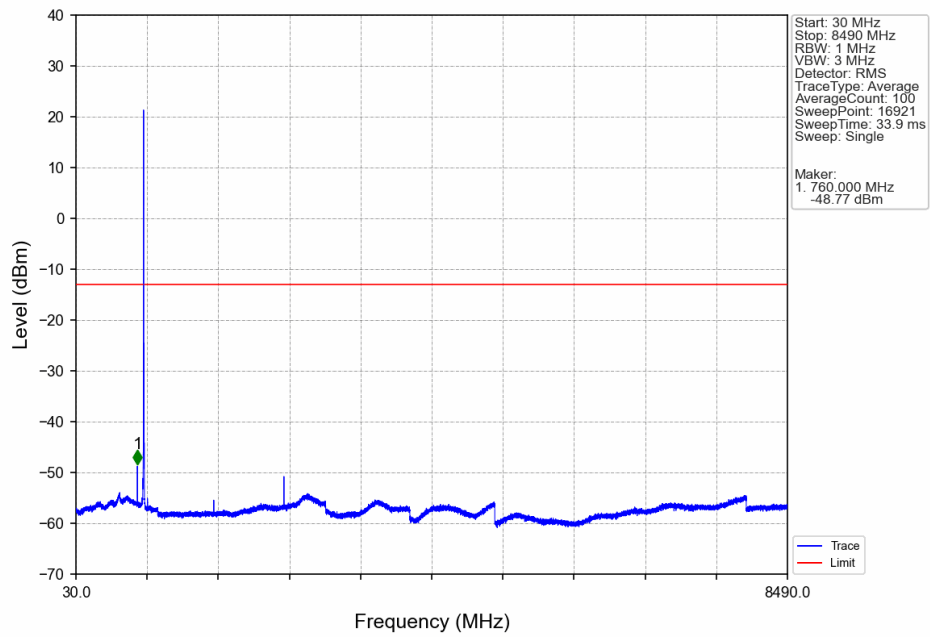


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

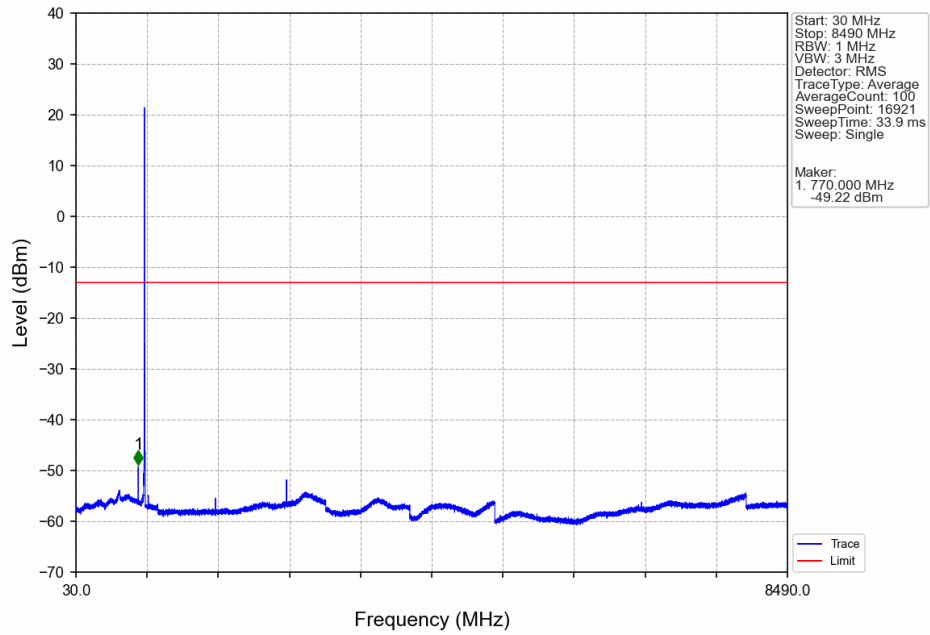


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-34.58	-13	Pass
823	824	0.05	CHP	2	823.990	-31.12	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

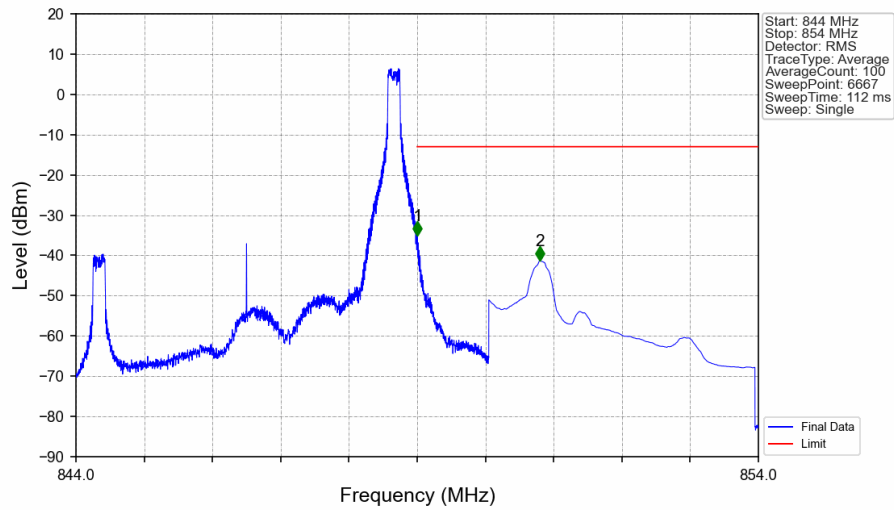
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

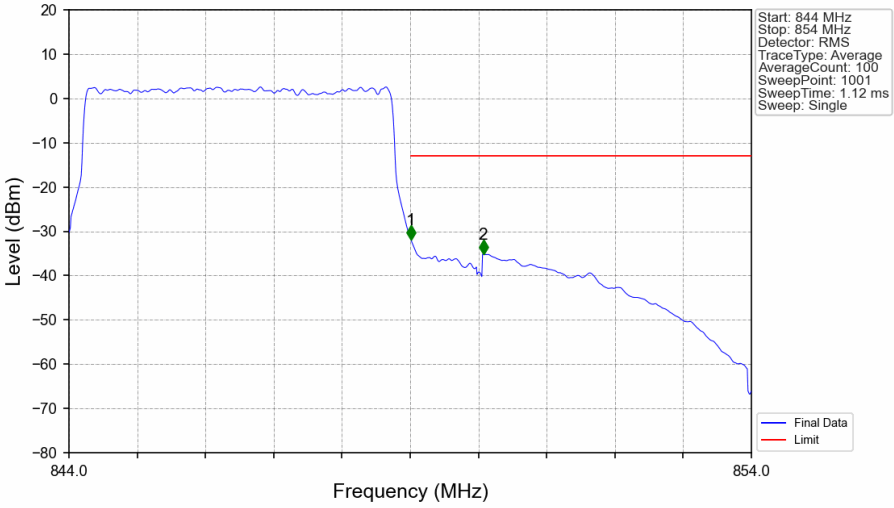


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



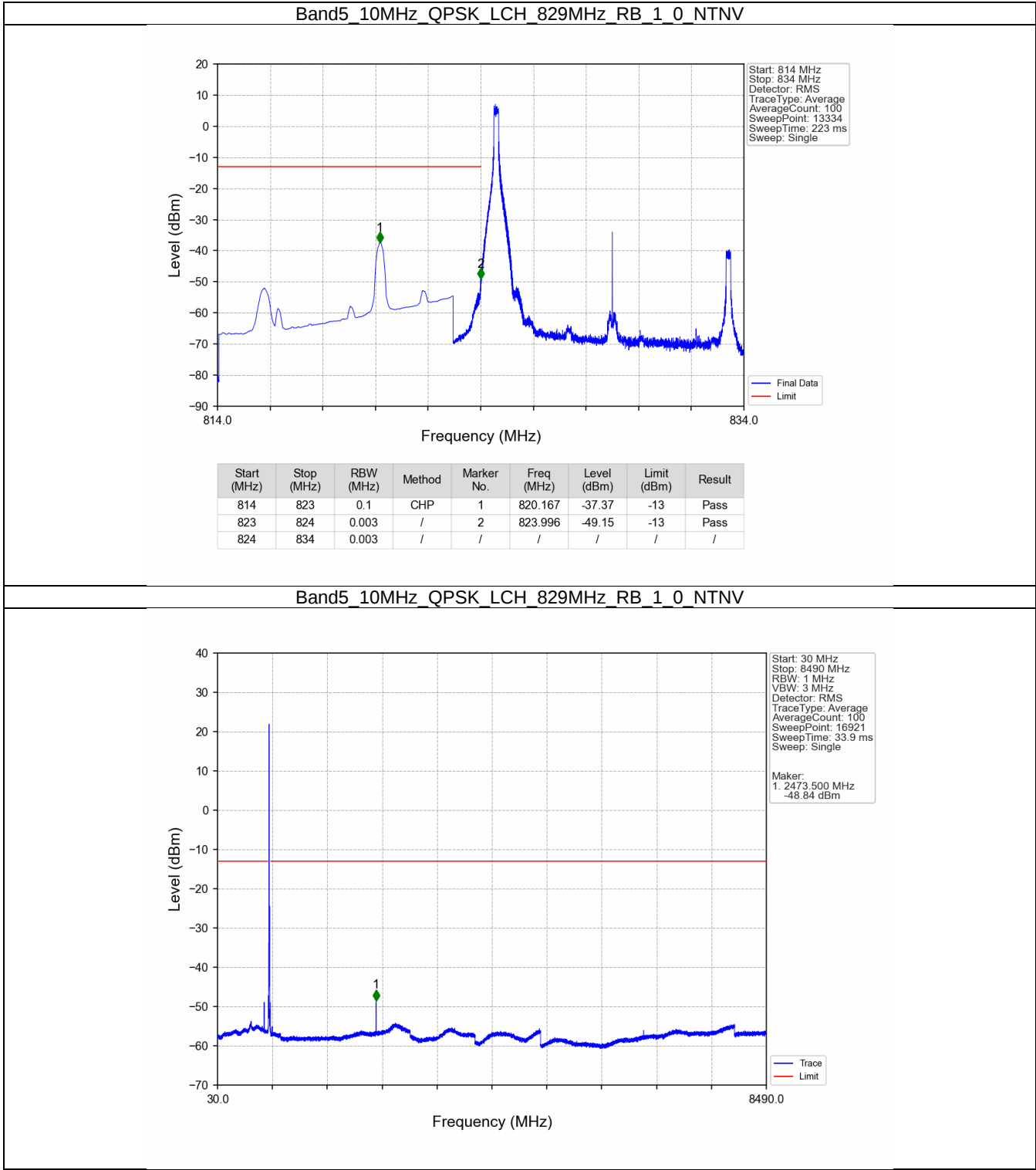
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-35.09	-13	Pass
850	854	0.1	CHP	2	850.800	-41.29	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

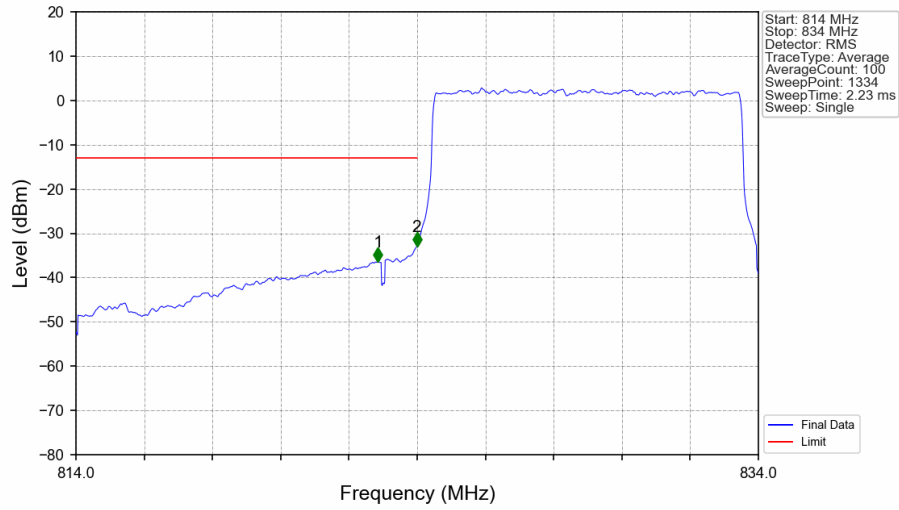


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-31.86	-13	Pass
850	854	0.1	CHP	2	850.070	-35.20	-13	Pass

5.2.4 B5_10MHz

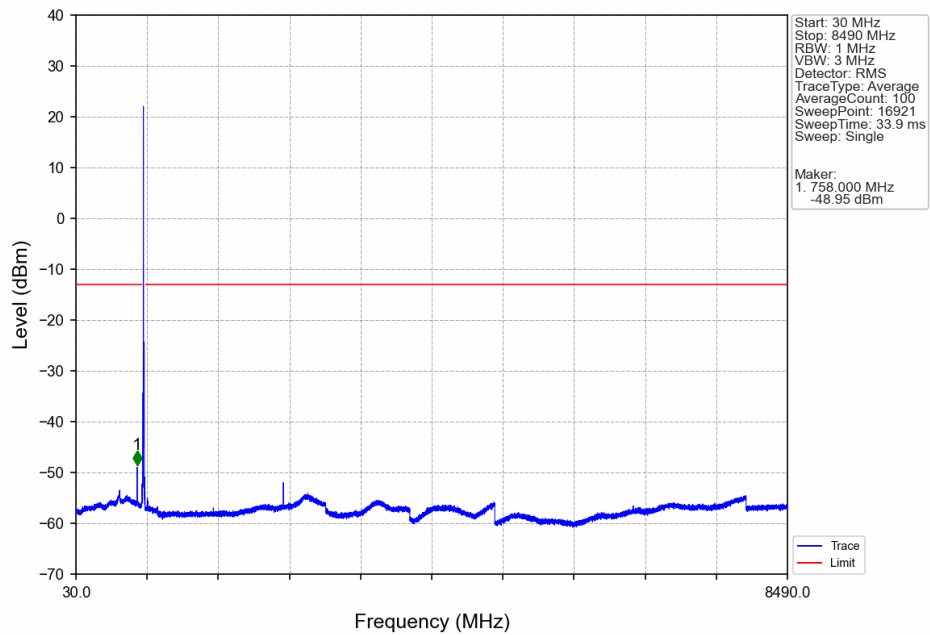


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

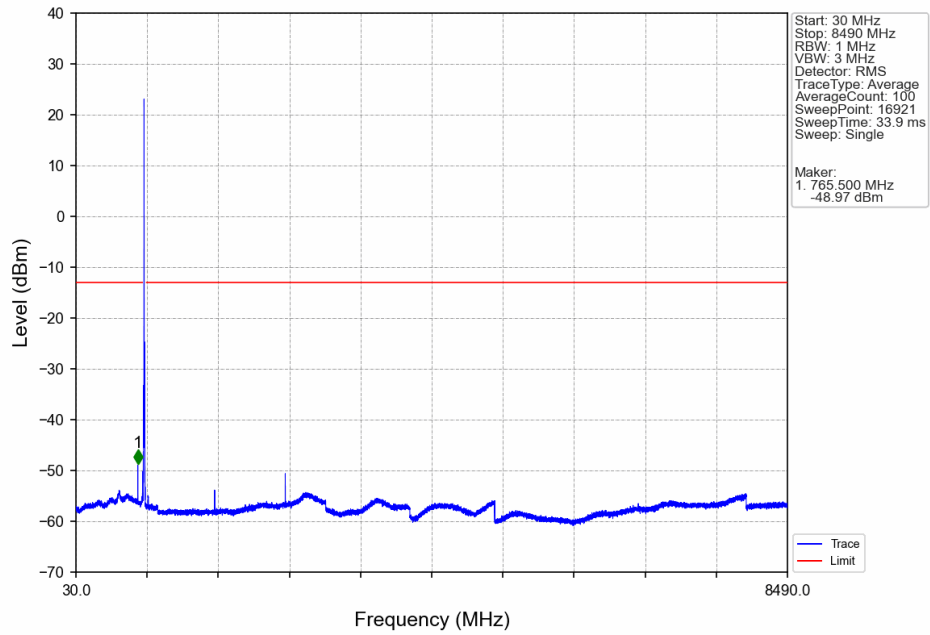


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.852	-36.42	-13	Pass
823	824	0.099	CHP	2	823.992	-32.89	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

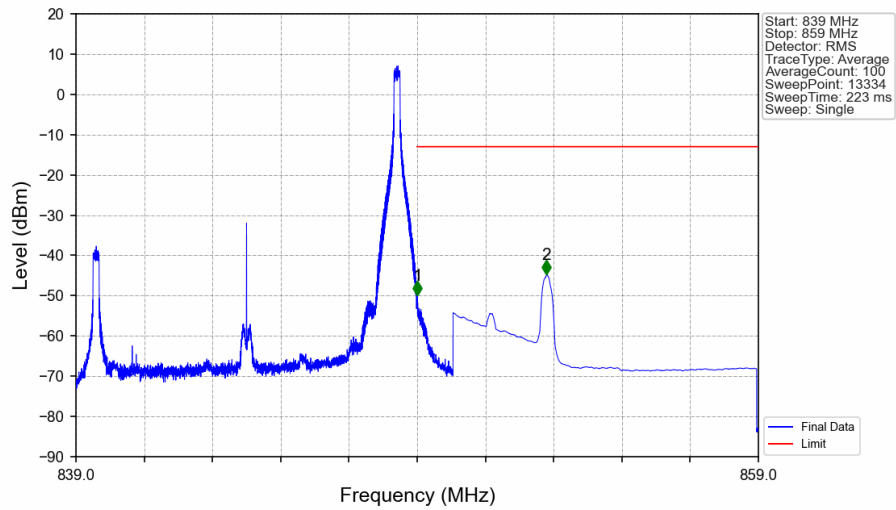
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

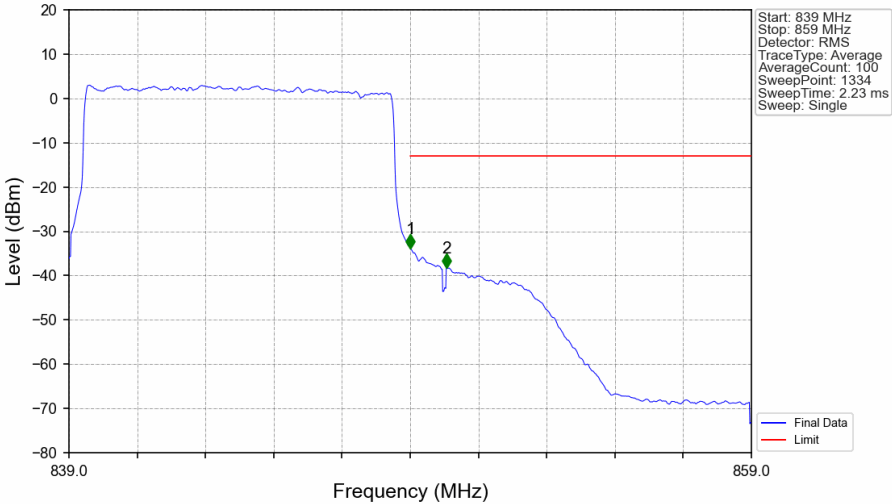


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-49.83	-13	Pass
850	859	0.1	CHP	2	852.793	-44.74	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.099	CHP	/	/	/	/	/
849	850	0.099	CHP	1	849.008	-33.89	-13	Pass
850	859	0.1	CHP	2	850.058	-38.27	-13	Pass

6. Field Strength of Spurious Radiation

1.1. Test Band = LTE Band 5_ TM1

1.1.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.3333	69.11	-49.83	25.57	-50.40	-13.00	37.40	Horizontal
2	2439.1111	59.27	-49.25	27.09	-58.15	-13.00	45.15	Horizontal
3	3194.6667	50.25	-48.64	28.26	-65.39	-13.00	52.39	Horizontal
4	4617.7778	49.97	-48.05	30.36	-62.98	-13.00	49.98	Horizontal
5	6652.4444	50.69	-46.90	34.94	-56.53	-13.00	43.53	Horizontal
6	8003.1111	49.97	-44.43	36.30	-53.42	-13.00	40.42	Horizontal

1.2. Test Band = LTE Band 5_ TM1

1.2.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.3333	58.19	-49.83	25.57	-61.32	-13.00	48.32	Vertical
2	2106.2222	48.34	-49.46	26.49	-69.89	-13.00	56.89	Vertical
3	3030.6667	49.36	-48.48	28.12	-66.26	-13.00	53.26	Vertical
4	3607.1111	50.32	-48.50	28.67	-64.76	-13.00	51.76	Vertical
5	4843.5556	50.30	-48.09	30.86	-62.19	-13.00	49.19	Vertical
6	6907.5556	50.96	-46.50	35.35	-55.44	-13.00	42.44	Vertical

1.3. Test Band = LTE Band 5_ TM1

1.3.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	69.76	-49.80	25.60	-49.70	-13.00	36.70	Horizontal
2	2496	55.00	-48.92	27.19	-61.99	-13.00	48.99	Horizontal
3	3328	50.34	-48.65	28.36	-65.20	-13.00	52.20	Horizontal
4	4603.5556	50.29	-48.04	30.33	-62.68	-13.00	49.68	Horizontal
5	5779.5556	51.80	-47.68	32.71	-58.42	-13.00	45.42	Horizontal
6	7426.6667	50.64	-46.06	36.27	-54.41	-13.00	41.41	Horizontal

1.4. Test Band = LTE Band 5_ TM1

1.4.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664.4444	58.93	-49.79	25.60	-60.53	-13.00	47.53	Vertical
2	2496	50.60	-48.92	27.19	-66.39	-13.00	53.39	Vertical
3	3643.1111	50.45	-48.57	28.73	-64.66	-13.00	51.66	Vertical
4	5186.2222	50.77	-48.00	31.72	-60.77	-13.00	47.77	Vertical
5	6955.5556	51.28	-46.60	35.43	-55.15	-13.00	42.15	Vertical
6	8027.1111	49.82	-44.52	36.33	-53.63	-13.00	40.63	Vertical

1.5. Test Band = LTE Band 5_ TM1
1.5.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1111	78.60	-49.76	25.62	-40.81	-13.00	27.81	Horizontal
2	2518.6667	55.92	-48.95	27.23	-61.06	-13.00	48.06	Horizontal
3	3389.3333	50.16	-48.68	28.41	-65.37	-13.00	52.37	Horizontal
4	5335.5556	51.07	-47.68	32.14	-59.74	-13.00	46.74	Horizontal
5	7102.6667	51.00	-45.99	35.68	-54.56	-13.00	41.56	Horizontal
6	8020	49.65	-44.50	36.32	-53.78	-13.00	40.78	Horizontal

1.6. Test Band = LTE Band 5_ TM1
1.6.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1111	61.55	-49.76	25.62	-57.86	-13.00	44.86	Vertical
2	2309.7778	48.64	-49.16	26.86	-68.93	-13.00	55.93	Vertical
3	2996	49.00	-48.31	28.09	-66.48	-13.00	53.48	Vertical
4	4396	49.30	-48.04	29.93	-64.07	-13.00	51.07	Vertical
5	5752.4444	51.68	-47.62	32.70	-58.49	-13.00	45.49	Vertical
6	7473.3333	50.34	-46.20	36.35	-54.77	-13.00	41.77	Vertical