

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.20	-2.89	18.16	<=38.45	Pass
			2	23.23	-2.89	18.19	<=38.45	Pass
			5	23.10	-2.89	18.06	<=38.45	Pass
		3	0	23.04	-2.89	18.00	<=38.45	Pass
			2	23.03	-2.89	17.99	<=38.45	Pass
			3	22.89	-2.89	17.85	<=38.45	Pass
		6	0	21.95	-2.89	16.91	<=38.45	Pass
	836.5	1	0	23.18	-2.89	18.14	<=38.45	Pass
			2	23.23	-2.89	18.19	<=38.45	Pass
			5	23.18	-2.89	18.14	<=38.45	Pass
		3	0	23.02	-2.89	17.98	<=38.45	Pass
			2	23.09	-2.89	18.05	<=38.45	Pass
			3	23.05	-2.89	18.01	<=38.45	Pass
		6	0	22.05	-2.89	17.01	<=38.45	Pass
	848.3	1	0	22.93	-2.89	17.89	<=38.45	Pass
			2	23.26	-2.89	18.22	<=38.45	Pass
			5	23.03	-2.89	17.99	<=38.45	Pass
		3	0	22.98	-2.89	17.94	<=38.45	Pass
			2	22.97	-2.89	17.93	<=38.45	Pass
			3	22.91	-2.89	17.87	<=38.45	Pass
		6	0	21.95	-2.89	16.91	<=38.45	Pass
16QAM	824.7	1	0	21.80	-2.89	16.76	<=38.45	Pass
			2	21.79	-2.89	16.75	<=38.45	Pass
			5	21.67	-2.89	16.63	<=38.45	Pass
		3	0	21.73	-2.89	16.69	<=38.45	Pass
			2	21.95	-2.89	16.91	<=38.45	Pass
			3	21.66	-2.89	16.62	<=38.45	Pass
		6	0	21.14	-2.89	16.10	<=38.45	Pass
	836.5	1	0	21.75	-2.89	16.71	<=38.45	Pass
			2	21.62	-2.89	16.58	<=38.45	Pass
			5	21.81	-2.89	16.77	<=38.45	Pass
		3	0	21.95	-2.89	16.91	<=38.45	Pass
			2	22.08	-2.89	17.04	<=38.45	Pass
			3	21.98	-2.89	16.94	<=38.45	Pass
		6	0	20.72	-2.89	15.68	<=38.45	Pass
	848.3	1	0	21.70	-2.89	16.66	<=38.45	Pass
			2	21.68	-2.89	16.64	<=38.45	Pass
			5	21.58	-2.89	16.54	<=38.45	Pass
		3	0	21.88	-2.89	16.84	<=38.45	Pass
			2	21.87	-2.89	16.83	<=38.45	Pass
			3	21.90	-2.89	16.86	<=38.45	Pass
		6	0	20.99	-2.89	15.95	<=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	22.89	-2.89	17.85	<=38.45	Pass	
			7	22.90	-2.89	17.86	<=38.45	Pass	
			14	22.94	-2.89	17.90	<=38.45	Pass	
		8	0	22.01	-2.89	16.97	<=38.45	Pass	
			4	22.00	-2.89	16.96	<=38.45	Pass	
			7	22.03	-2.89	16.99	<=38.45	Pass	
		15	0	22.01	-2.89	16.97	<=38.45	Pass	
		836.5	1	0	23.12	-2.89	18.08	<=38.45	Pass
				7	23.62	-2.89	18.58	<=38.45	Pass
	14			23.17	-2.89	18.13	<=38.45	Pass	
	8		0	22.06	-2.89	17.02	<=38.45	Pass	
			4	22.03	-2.89	16.99	<=38.45	Pass	
			7	21.99	-2.89	16.95	<=38.45	Pass	
	15	0	21.94	-2.89	16.90	<=38.45	Pass		
	847.5	1	0	23.03	-2.89	17.99	<=38.45	Pass	
			7	22.99	-2.89	17.95	<=38.45	Pass	
			14	23.00	-2.89	17.96	<=38.45	Pass	
		8	0	22.02	-2.89	16.98	<=38.45	Pass	
			4	21.87	-2.89	16.83	<=38.45	Pass	
			7	21.86	-2.89	16.82	<=38.45	Pass	
		15	0	21.80	-2.89	16.76	<=38.45	Pass	
16QAM		825.5	1	0	21.54	-2.89	16.50	<=38.45	Pass
				7	21.75	-2.89	16.71	<=38.45	Pass
	14			21.62	-2.89	16.58	<=38.45	Pass	
	8		0	21.08	-2.89	16.04	<=38.45	Pass	
			4	20.97	-2.89	15.93	<=38.45	Pass	
			7	21.13	-2.89	16.09	<=38.45	Pass	
	15		0	21.19	-2.89	16.15	<=38.45	Pass	
	836.5	1	0	21.57	-2.89	16.53	<=38.45	Pass	
			7	21.98	-2.89	16.94	<=38.45	Pass	
			14	21.72	-2.89	16.68	<=38.45	Pass	
		8	0	20.76	-2.89	15.72	<=38.45	Pass	
			4	21.17	-2.89	16.13	<=38.45	Pass	
			7	21.20	-2.89	16.16	<=38.45	Pass	
	15	0	21.02	-2.89	15.98	<=38.45	Pass		
	847.5	1	0	21.71	-2.89	16.67	<=38.45	Pass	
			7	21.63	-2.89	16.59	<=38.45	Pass	
			14	21.49	-2.89	16.45	<=38.45	Pass	
		8	0	21.09	-2.89	16.05	<=38.45	Pass	
			4	21.11	-2.89	16.07	<=38.45	Pass	
			7	21.11	-2.89	16.07	<=38.45	Pass	
		15	0	20.97	-2.89	15.93	<=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	22.81	-2.89	17.77	<=38.45	Pass
			13	23.08	-2.89	18.04	<=38.45	Pass
			24	22.70	-2.89	17.66	<=38.45	Pass
		12	0	21.97	-2.89	16.93	<=38.45	Pass
			6	22.06	-2.89	17.02	<=38.45	Pass
			13	21.98	-2.89	16.94	<=38.45	Pass

	836.5	25	0	21.98	-2.89	16.94	<=38.45	Pass
		1	0	23.09	-2.89	18.05	<=38.45	Pass
			13	23.18	-2.89	18.14	<=38.45	Pass
			24	23.00	-2.89	17.96	<=38.45	Pass
			0	22.07	-2.89	17.03	<=38.45	Pass
		12	6	21.98	-2.89	16.94	<=38.45	Pass
			13	21.94	-2.89	16.90	<=38.45	Pass
			25	0	21.96	-2.89	16.92	<=38.45
	846.5	1	0	22.97	-2.89	17.93	<=38.45	Pass
			13	23.08	-2.89	18.04	<=38.45	Pass
			24	22.82	-2.89	17.78	<=38.45	Pass
		12	0	21.96	-2.89	16.92	<=38.45	Pass
			6	21.85	-2.89	16.81	<=38.45	Pass
			13	21.78	-2.89	16.74	<=38.45	Pass
		25	0	21.85	-2.89	16.81	<=38.45	Pass
		16QAM	826.5	1	0	21.63	-2.89	16.59
13	21.68				-2.89	16.64	<=38.45	Pass
24	21.41				-2.89	16.37	<=38.45	Pass
12	0			20.82	-2.89	15.78	<=38.45	Pass
	6			20.85	-2.89	15.81	<=38.45	Pass
	13			20.85	-2.89	15.81	<=38.45	Pass
25	0			20.82	-2.89	15.78	<=38.45	Pass
836.5	1		0	21.44	-2.89	16.40	<=38.45	Pass
			13	21.72	-2.89	16.68	<=38.45	Pass
			24	21.51	-2.89	16.47	<=38.45	Pass
	12		0	20.99	-2.89	15.95	<=38.45	Pass
			6	21.05	-2.89	16.01	<=38.45	Pass
			13	20.94	-2.89	15.90	<=38.45	Pass
	25		0	20.97	-2.89	15.93	<=38.45	Pass
846.5	1		0	21.26	-2.89	16.22	<=38.45	Pass
			13	21.57	-2.89	16.53	<=38.45	Pass
			24	21.49	-2.89	16.45	<=38.45	Pass
	12		0	20.90	-2.89	15.86	<=38.45	Pass
			6	20.81	-2.89	15.77	<=38.45	Pass
			13	20.82	-2.89	15.78	<=38.45	Pass
	25		0	20.90	-2.89	15.86	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	22.87	-2.89	17.83	<=38.45	Pass
			25	23.16	-2.89	18.12	<=38.45	Pass
			49	22.91	-2.89	17.87	<=38.45	Pass
		25	0	22.01	-2.89	16.97	<=38.45	Pass
			13	22.07	-2.89	17.03	<=38.45	Pass
			25	21.97	-2.89	16.93	<=38.45	Pass
		50	0	22.00	-2.89	16.96	<=38.45	Pass
	836.5	1	0	23.34	-2.89	18.30	<=38.45	Pass
			25	23.39	-2.89	18.35	<=38.45	Pass
			49	22.92	-2.89	17.88	<=38.45	Pass
		25	0	21.89	-2.89	16.85	<=38.45	Pass
			13	21.96	-2.89	16.92	<=38.45	Pass
			25	21.95	-2.89	16.91	<=38.45	Pass
		50	0	22.03	-2.89	16.99	<=38.45	Pass

	844	1	0	23.06	-2.89	18.02	<=38.45	Pass		
			25	23.32	-2.89	18.28	<=38.45	Pass		
			49	23.04	-2.89	18.00	<=38.45	Pass		
		25	0	22.03	-2.89	16.99	<=38.45	Pass		
			13	21.91	-2.89	16.87	<=38.45	Pass		
			25	21.87	-2.89	16.83	<=38.45	Pass		
		50	0	21.93	-2.89	16.89	<=38.45	Pass		
		16QAM	829	1	0	21.77	-2.89	16.73	<=38.45	Pass
					25	21.57	-2.89	16.53	<=38.45	Pass
49	21.60				-2.89	16.56	<=38.45	Pass		
25	0			20.94	-2.89	15.90	<=38.45	Pass		
	13			21.18	-2.89	16.14	<=38.45	Pass		
	25			20.99	-2.89	15.95	<=38.45	Pass		
50	0			21.02	-2.89	15.98	<=38.45	Pass		
836.5	1			0	21.86	-2.89	16.82	<=38.45	Pass	
				25	22.07	-2.89	17.03	<=38.45	Pass	
			49	21.38	-2.89	16.34	<=38.45	Pass		
	25		0	20.97	-2.89	15.93	<=38.45	Pass		
			13	20.96	-2.89	15.92	<=38.45	Pass		
			25	21.04	-2.89	16.00	<=38.45	Pass		
	50		0	21.12	-2.89	16.08	<=38.45	Pass		
	844		1	0	21.55	-2.89	16.51	<=38.45	Pass	
				25	21.94	-2.89	16.90	<=38.45	Pass	
49				21.38	-2.89	16.34	<=38.45	Pass		
25			0	20.95	-2.89	15.91	<=38.45	Pass		
			13	21.04	-2.89	16.00	<=38.45	Pass		
			25	21.06	-2.89	16.02	<=38.45	Pass		
50			0	21.01	-2.89	15.97	<=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	3.5	0.400	0.0005	-2.5 to 2.5	Pass
					3.87	0.400	0.0005	-2.5 to 2.5	Pass
					4.4	-2.700	-0.0032	-2.5 to 2.5	Pass
				-30	3.87	0.500	0.0006	-2.5 to 2.5	Pass
				-20	3.87	-1.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-0.900	-0.0011	-2.5 to 2.5	Pass
				0	3.87	-1.600	-0.0019	-2.5 to 2.5	Pass
				10	3.87	-0.800	-0.0010	-2.5 to 2.5	Pass
				30	3.87	-1.900	-0.0023	-2.5 to 2.5	Pass
				40	3.87	-0.400	-0.0005	-2.5 to 2.5	Pass
				50	3.87	-1.000	-0.0012	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

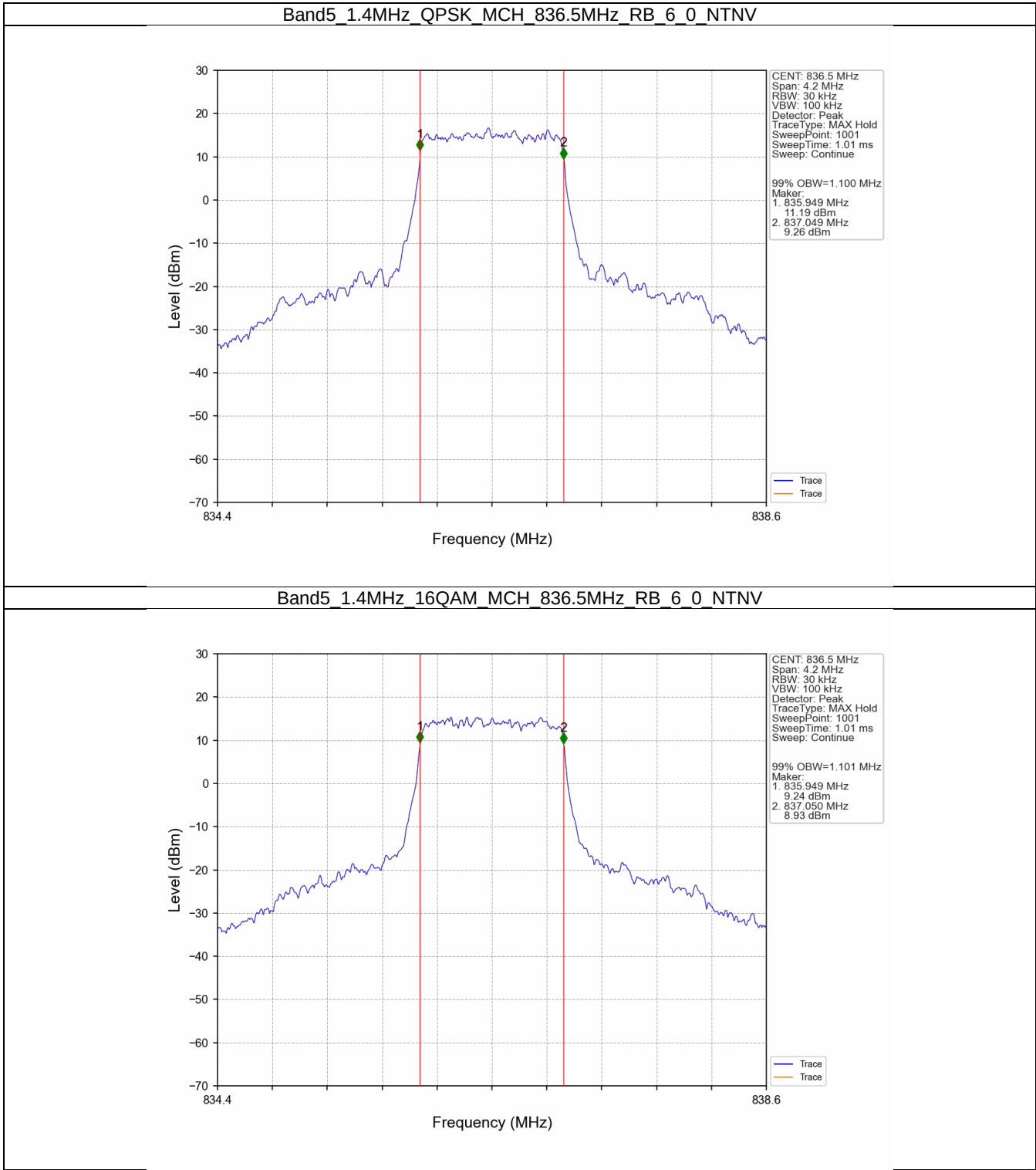
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.100	/	Pass
	16QAM	836.5	6	0	1.101	/	Pass
3	QPSK	836.5	15	0	2.738	/	Pass
	16QAM	836.5	15	0	2.725	/	Pass
5	QPSK	836.5	25	0	4.507	/	Pass
	16QAM	836.5	25	0	4.494	/	Pass
10	QPSK	836.5	50	0	9.006	/	Pass
	16QAM	836.5	50	0	8.965	/	Pass

3.1.2 Band5_XDB

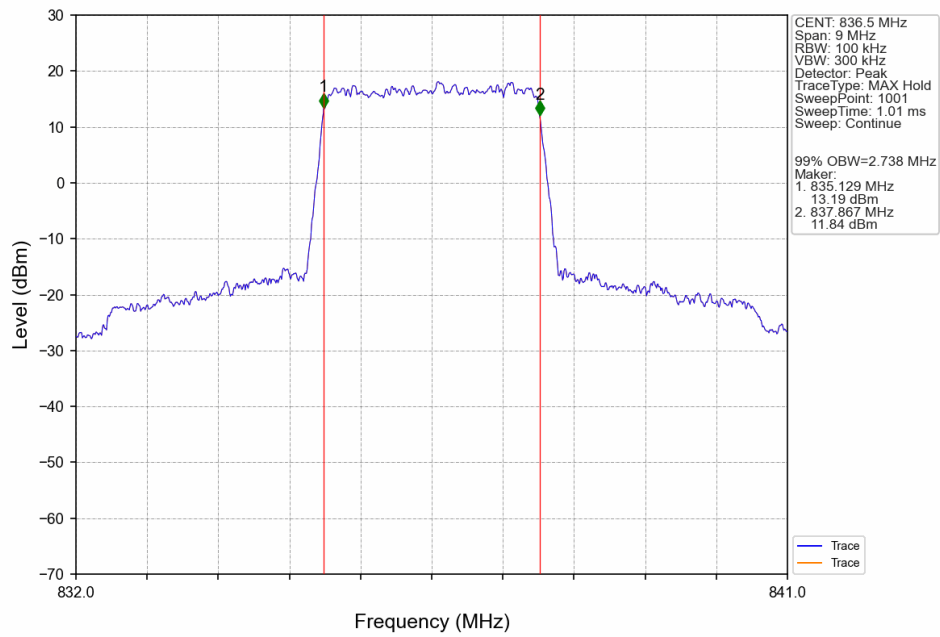
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.293	/	Pass
	16QAM	836.5	6	0	1.306	/	Pass
3	QPSK	836.5	15	0	3.049	/	Pass
	16QAM	836.5	15	0	3.062	/	Pass
5	QPSK	836.5	25	0	4.972	/	Pass
	16QAM	836.5	25	0	5.011	/	Pass
10	QPSK	836.5	50	0	9.747	/	Pass
	16QAM	836.5	50	0	9.818	/	Pass

3.2 Test Graph

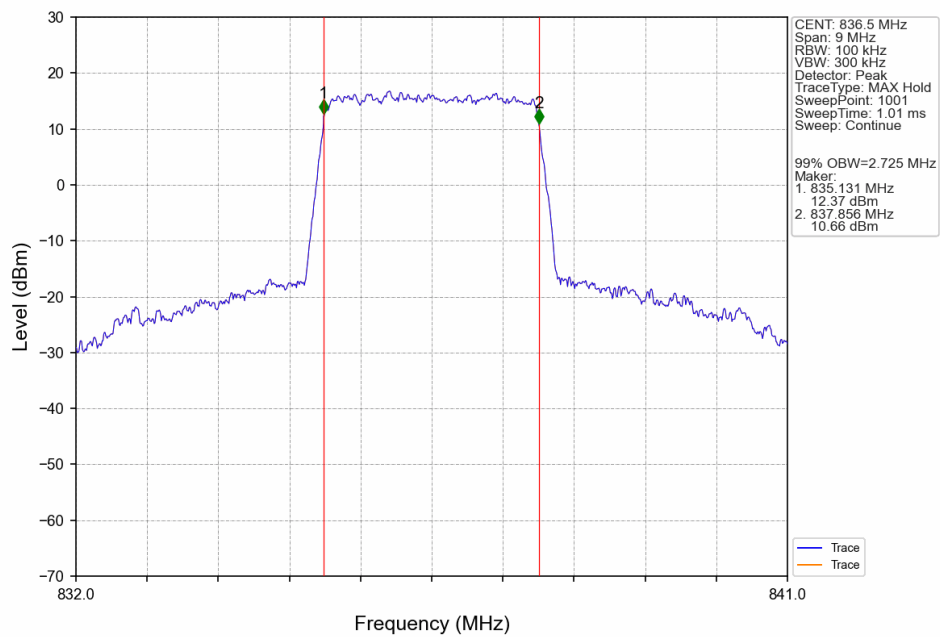
3.2.1 Band5_OBW



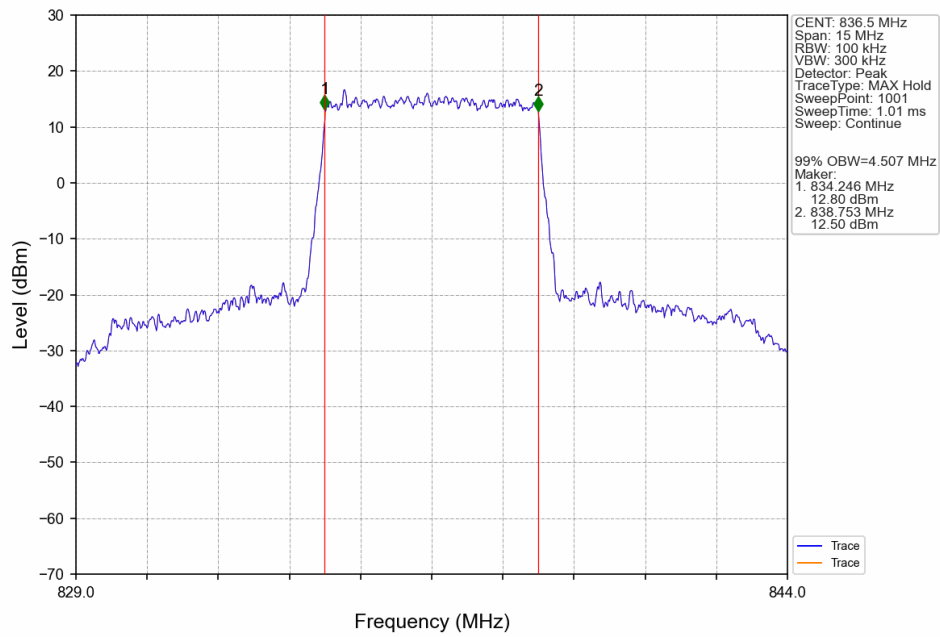
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



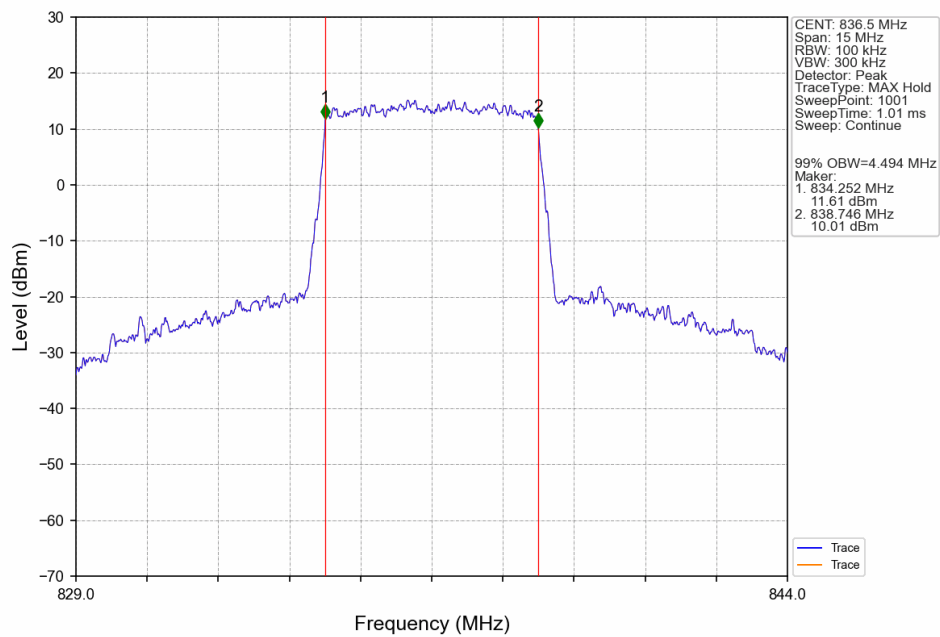
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



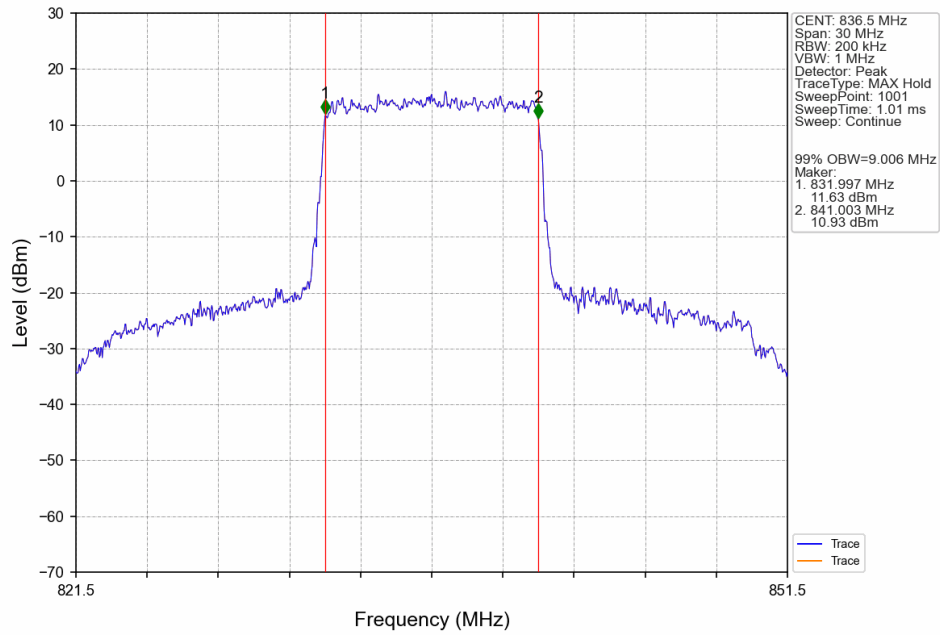
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



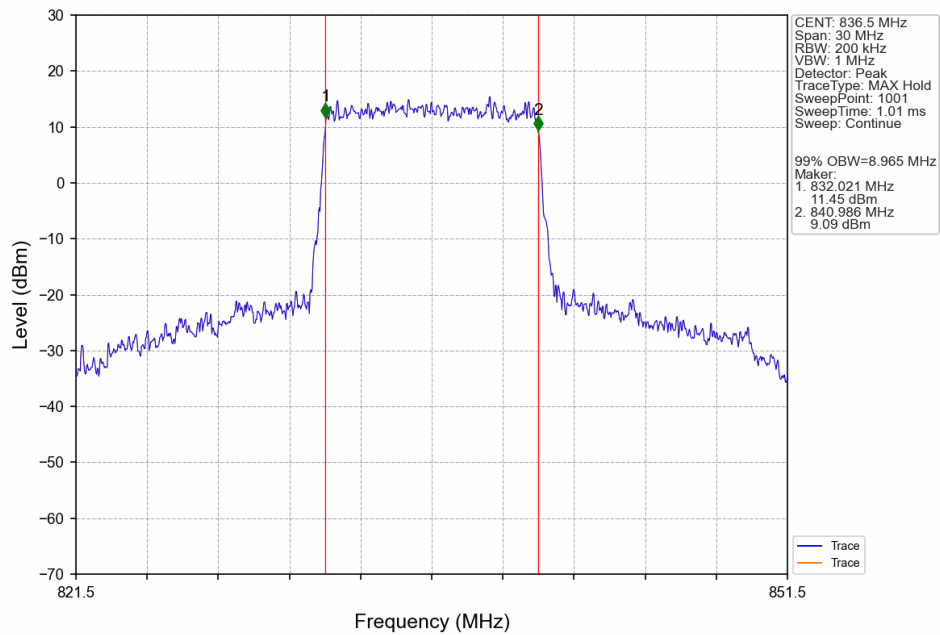
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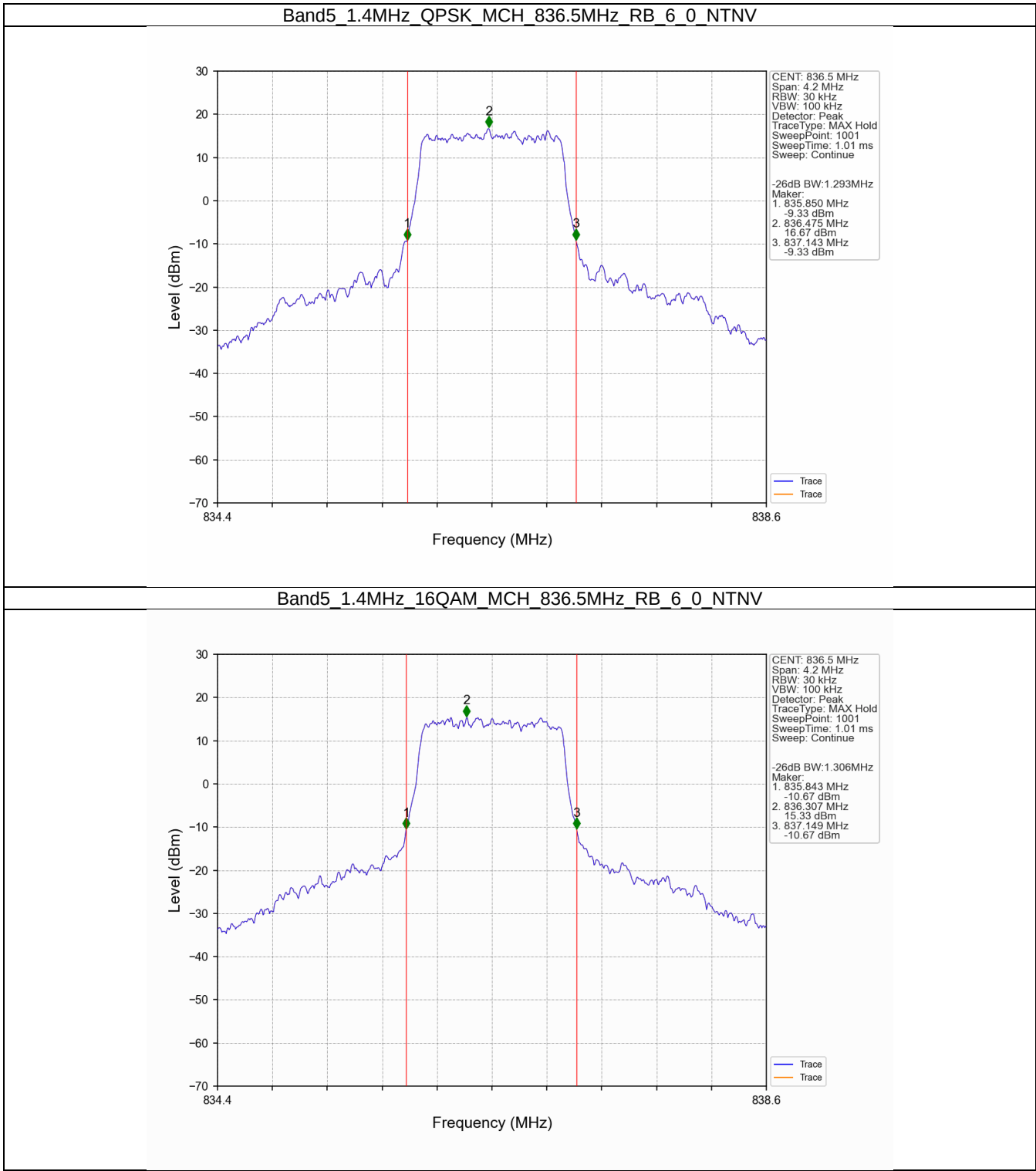
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



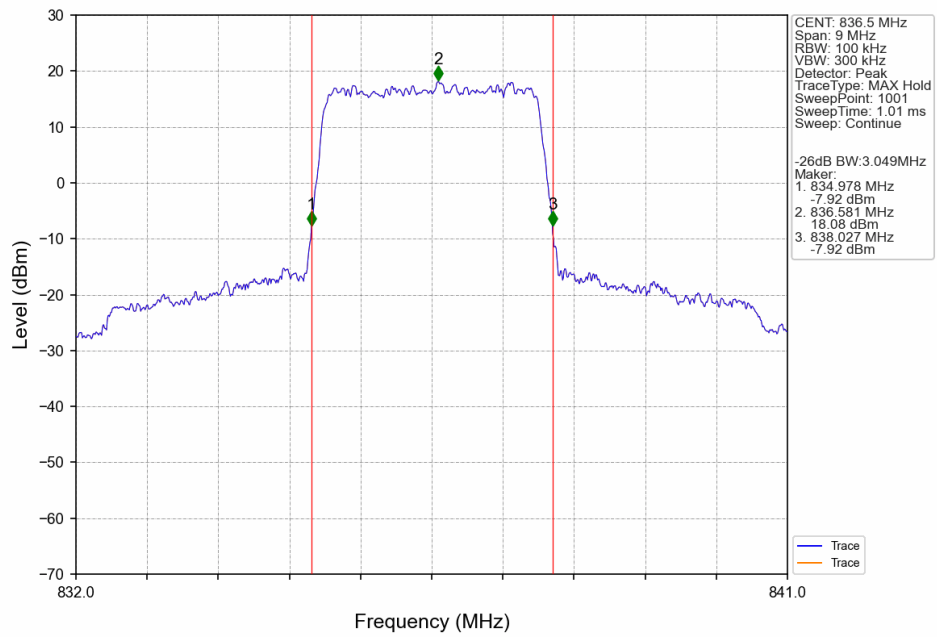
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



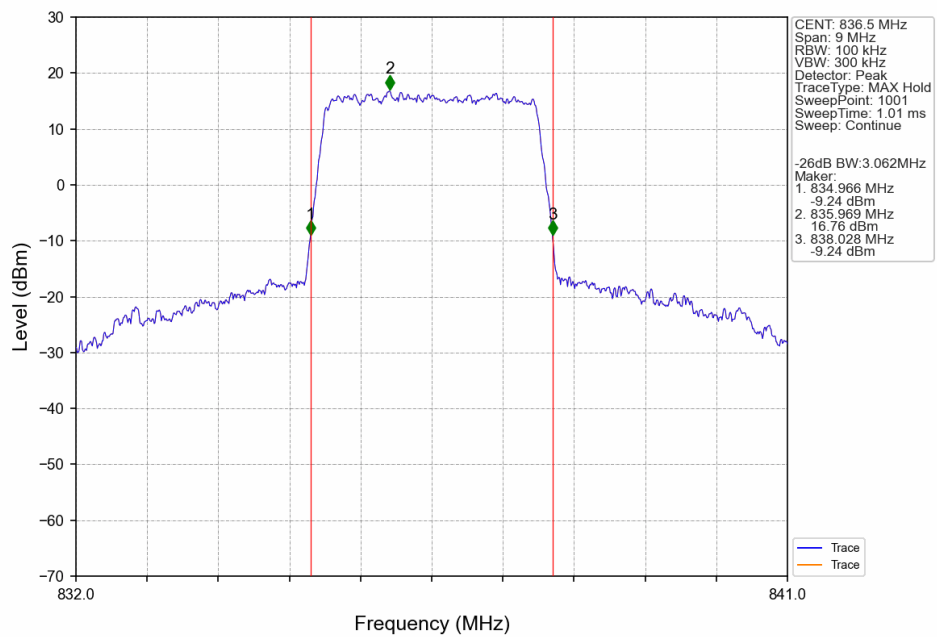
3.2.2 Band5_XDB



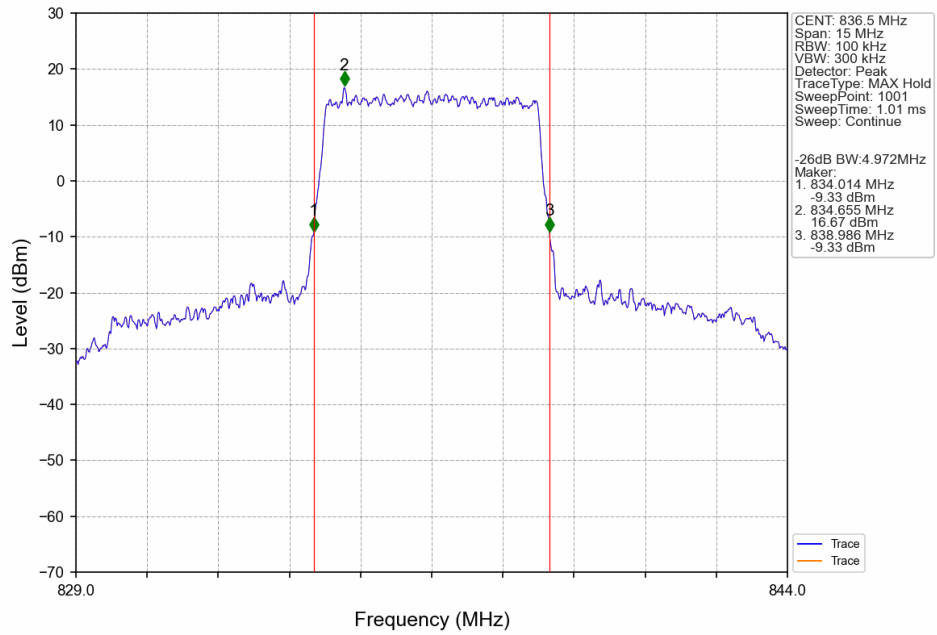
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



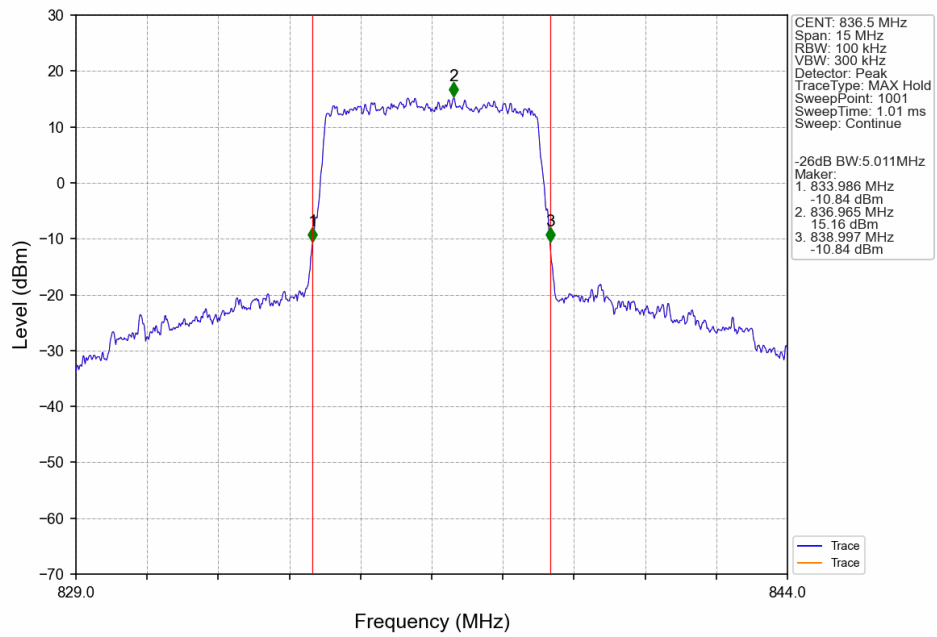
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



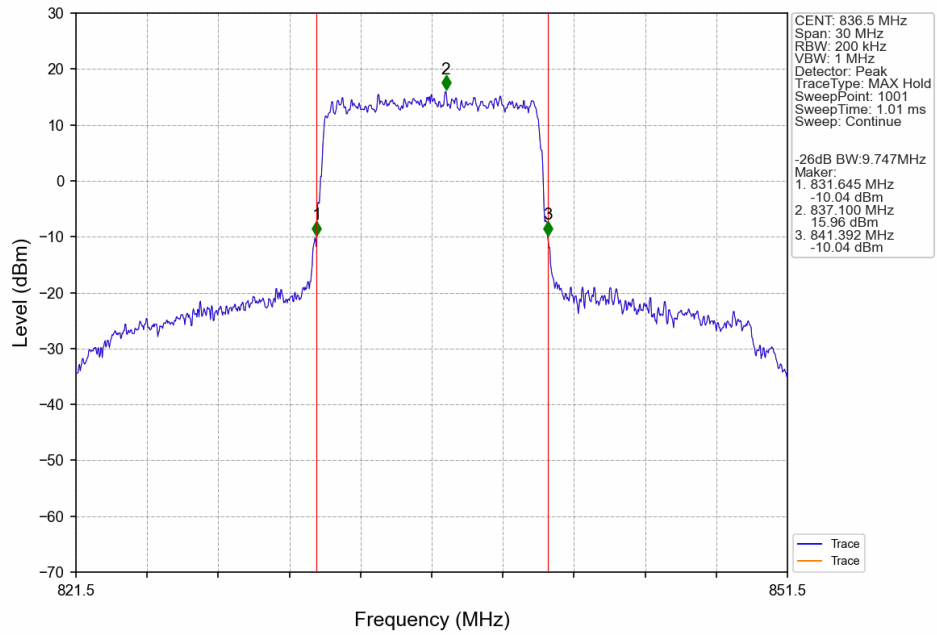
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



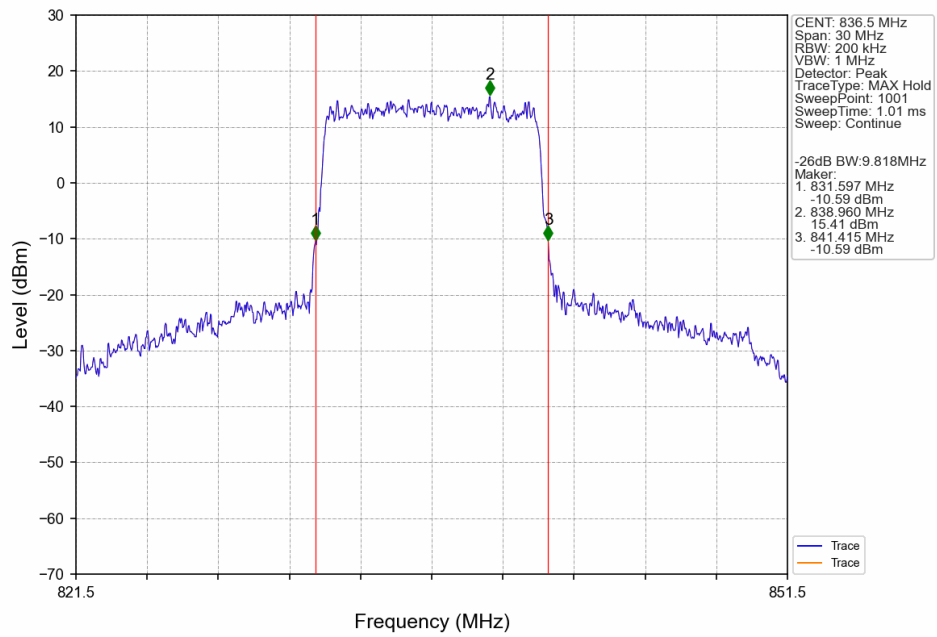
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

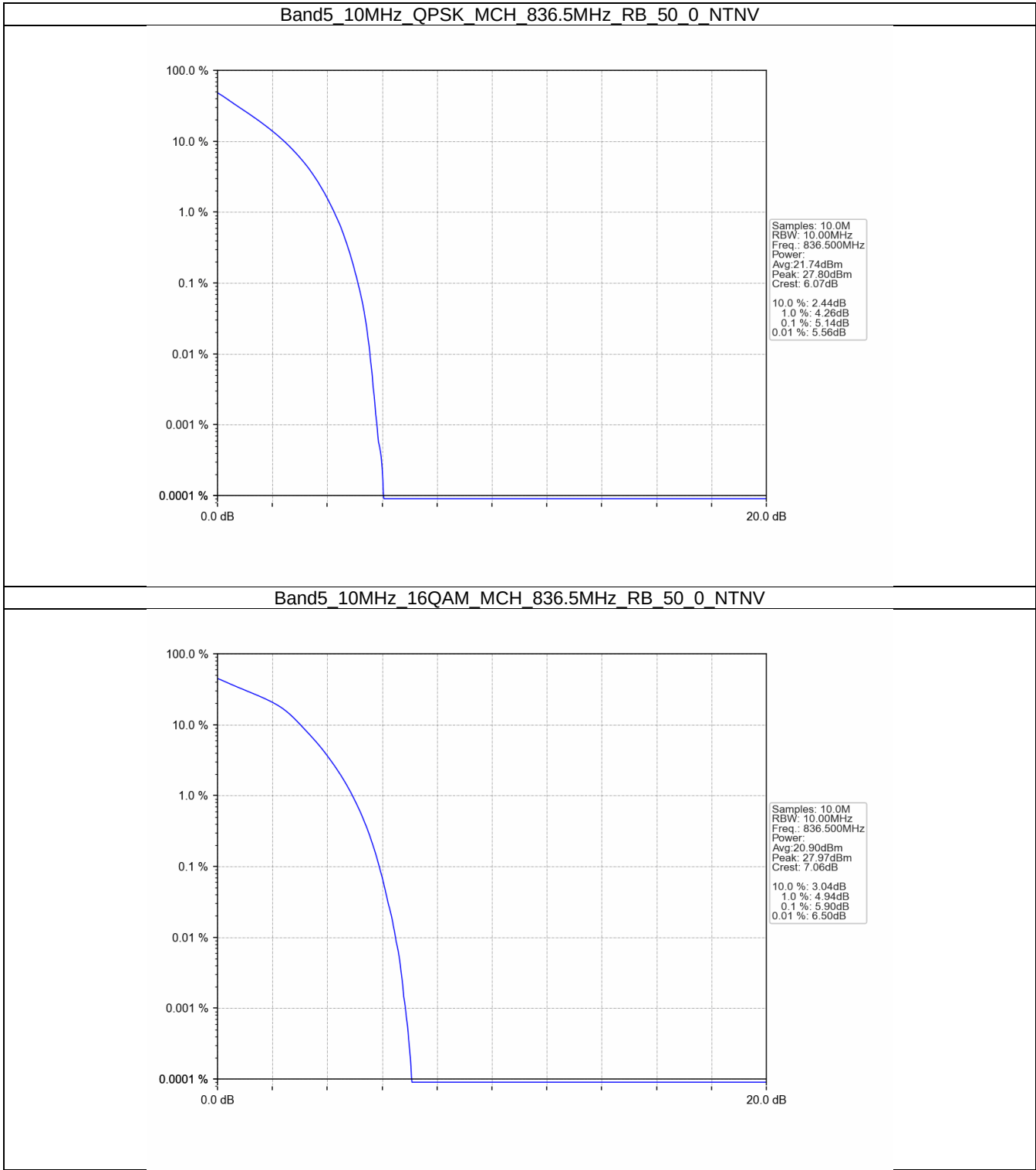
4.1 Test Result

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	5.14	<=13	Pass
16QAM	836.5	50	0	5.90	<=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 / NTVN						
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

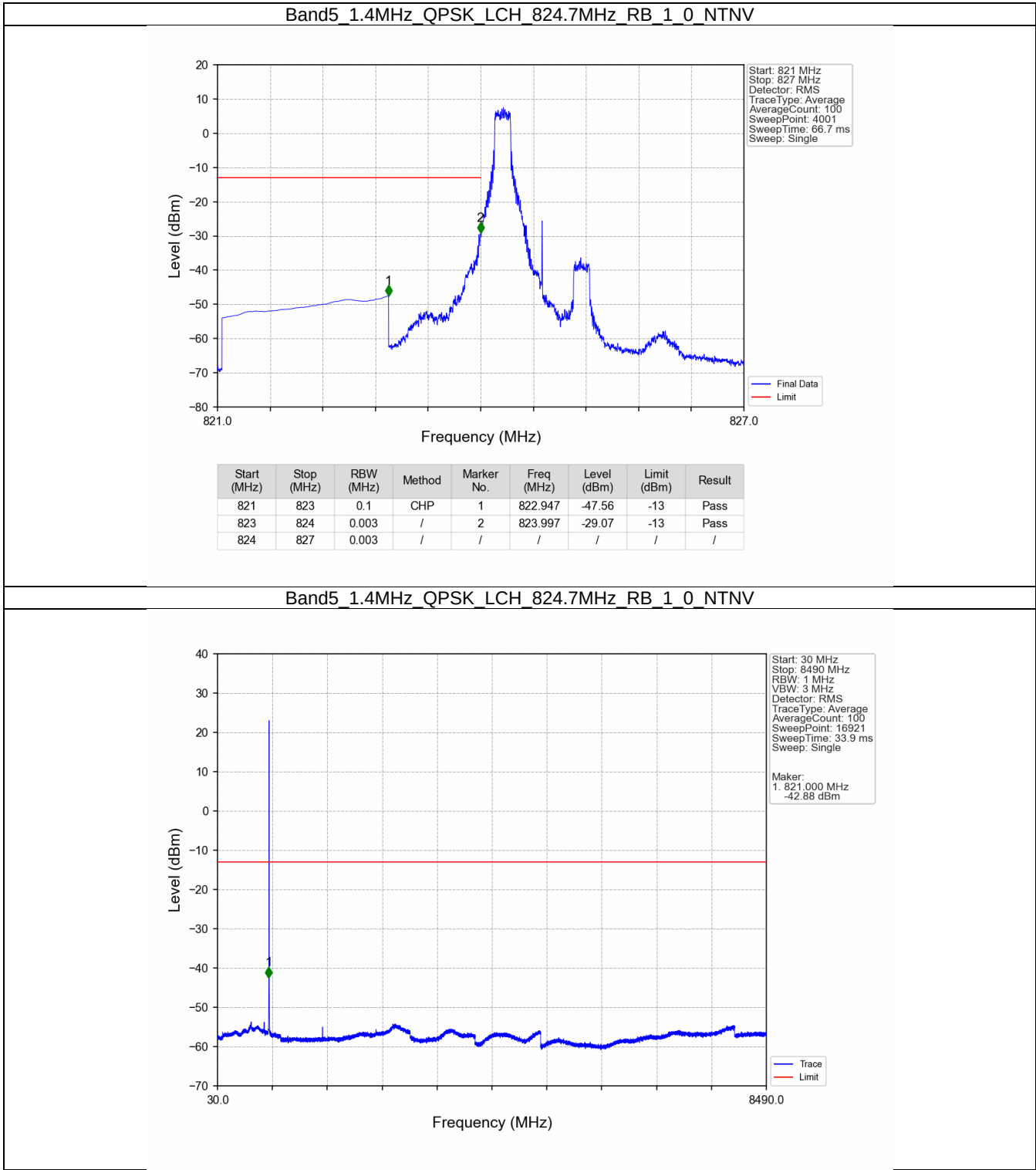
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

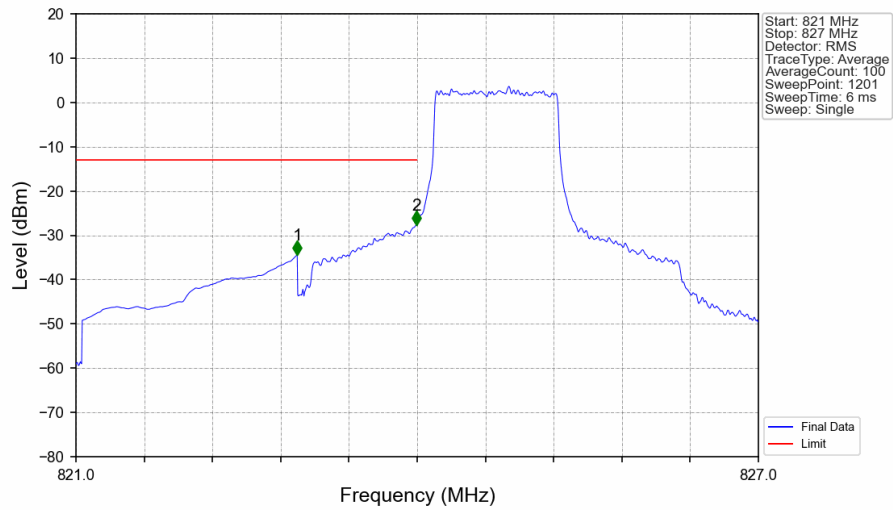
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B5_1.4MHz

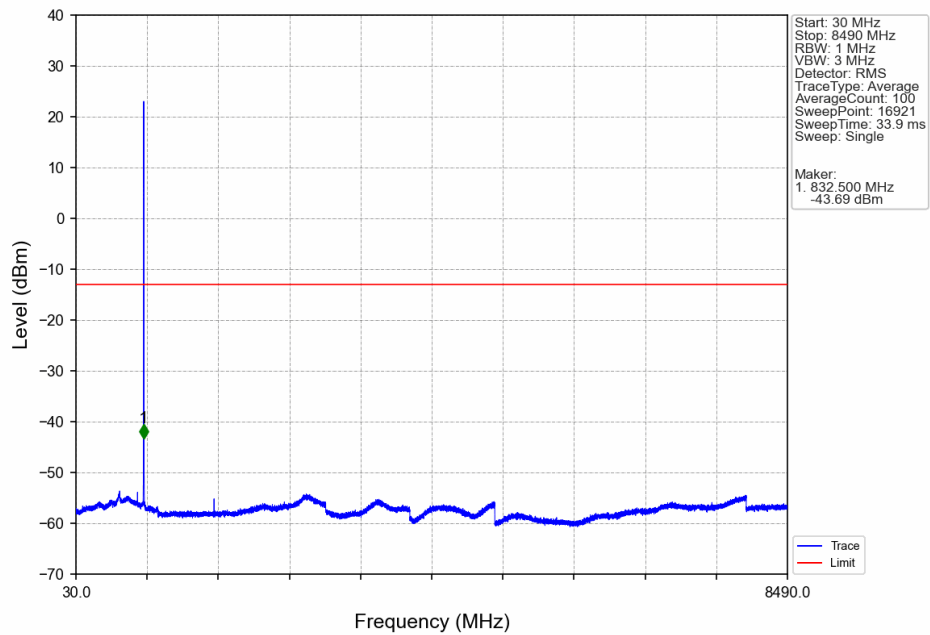


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

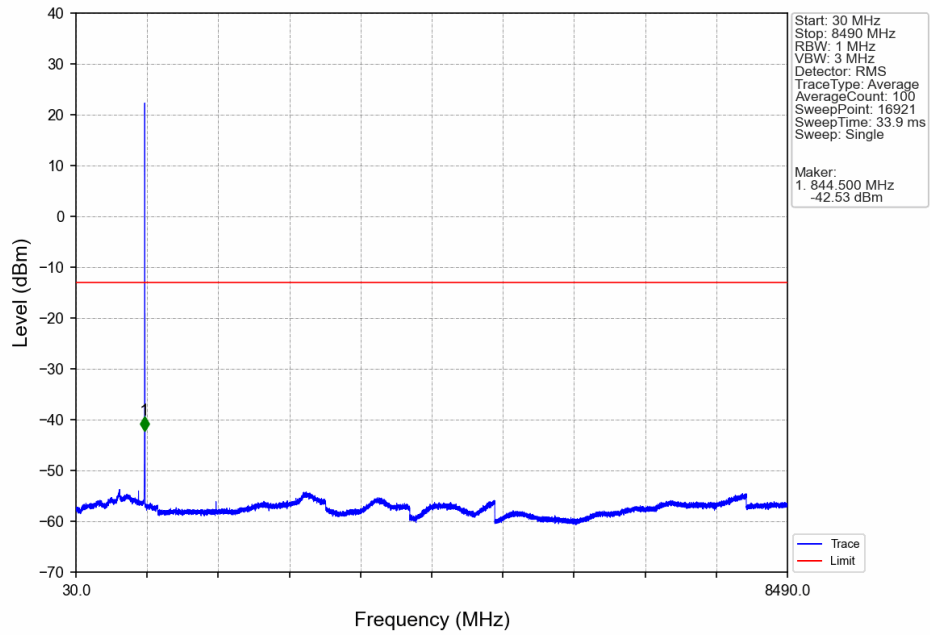


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-34.40	-13	Pass
823	824	0.013	CHP	2	823.995	-27.71	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

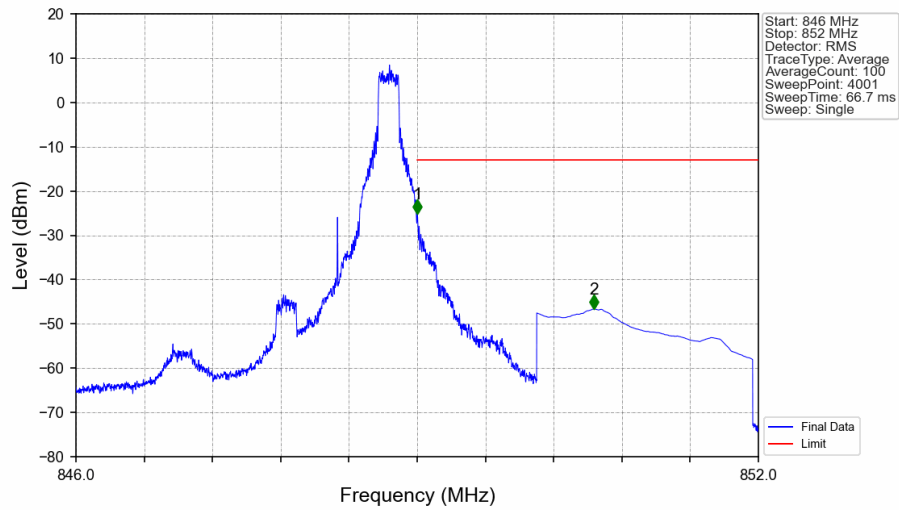
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN

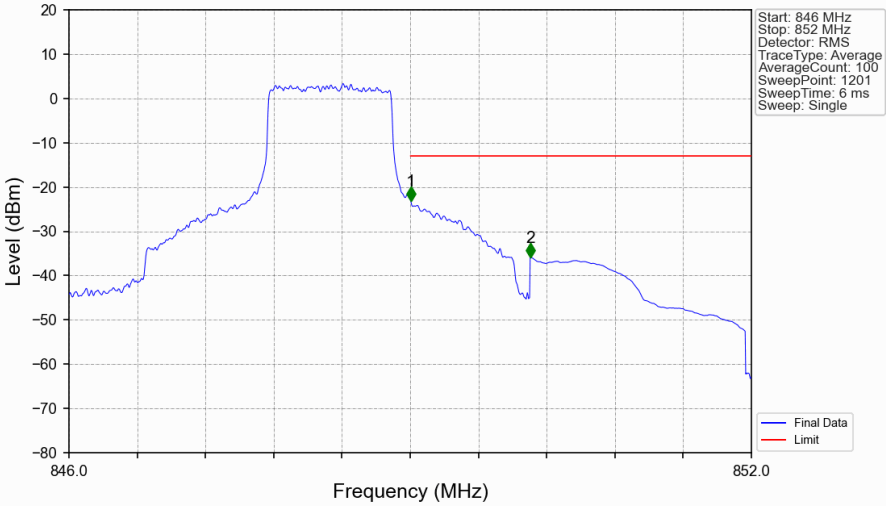


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTN



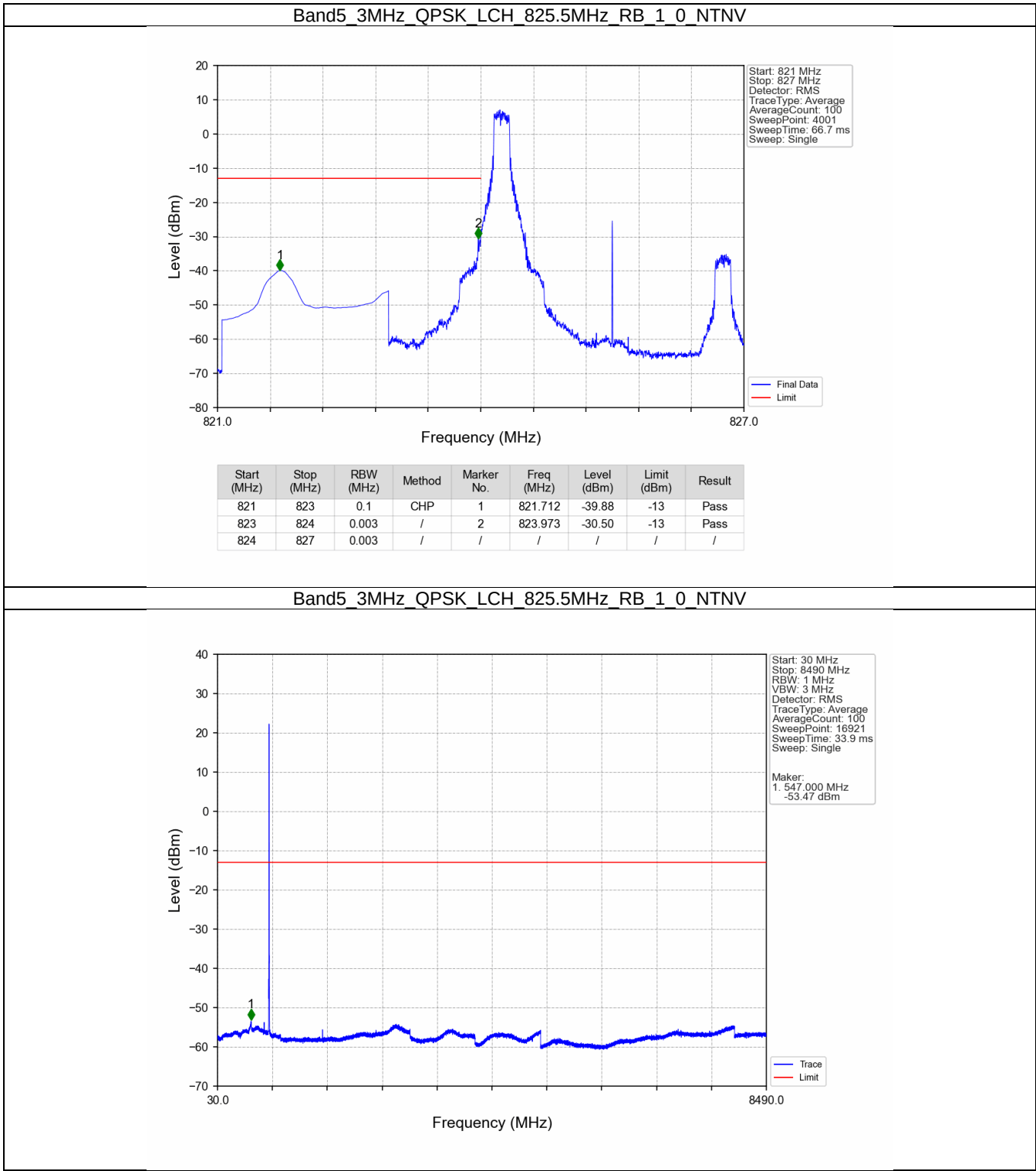
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-25.10	-13	Pass
850	852	0.1	CHP	2	850.554	-46.62	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

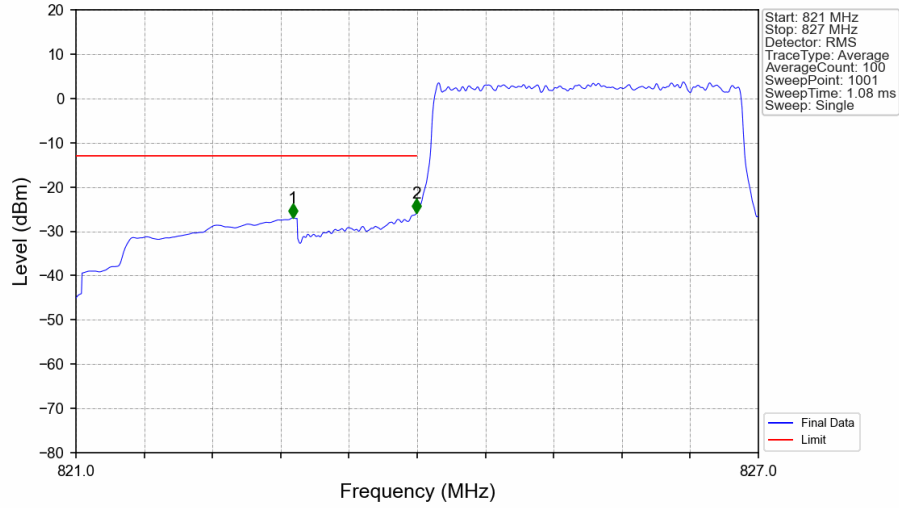


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-23.17	-13	Pass
850	852	0.1	CHP	2	850.055	-35.88	-13	Pass

5.2.2 B5_3MHz

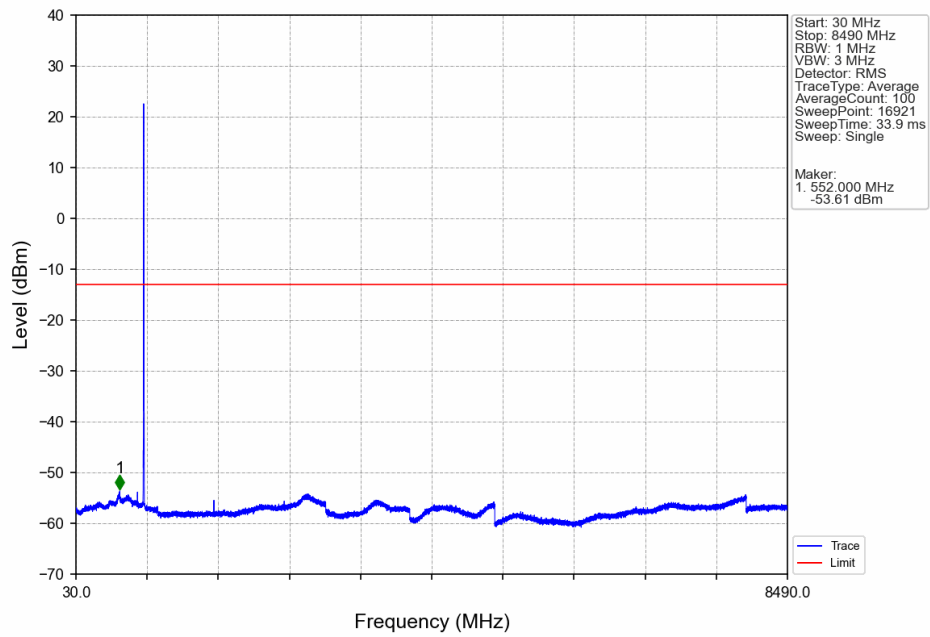


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

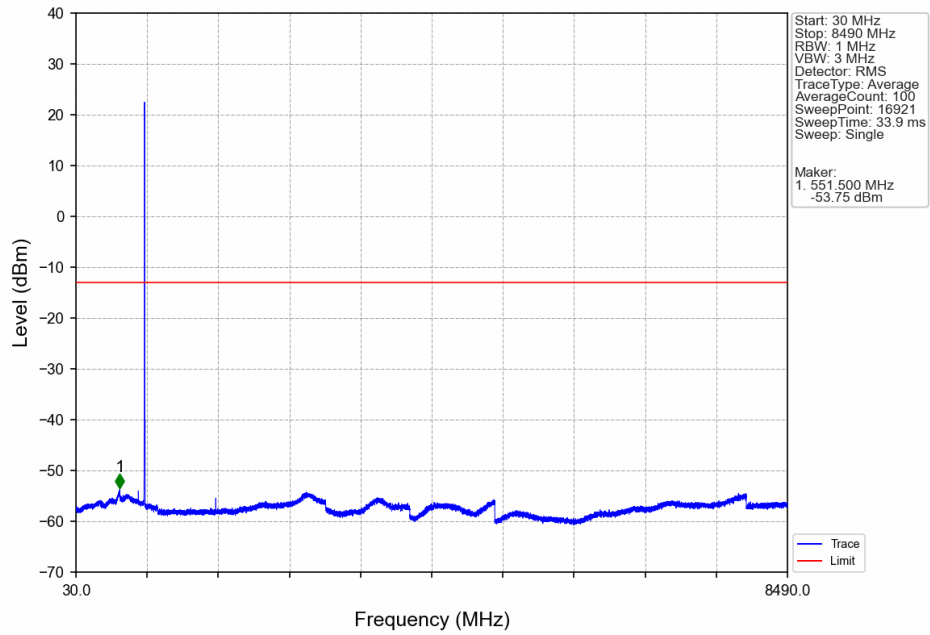


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.908	-26.99	-13	Pass
823	824	0.03	/	2	823.994	-25.87	-13	Pass
824	827	0.03	/	/	/	/	/	/

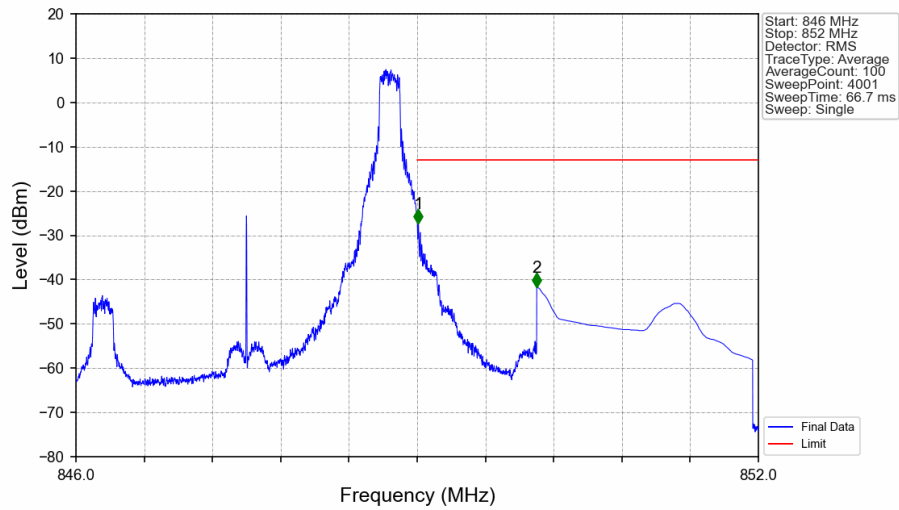
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

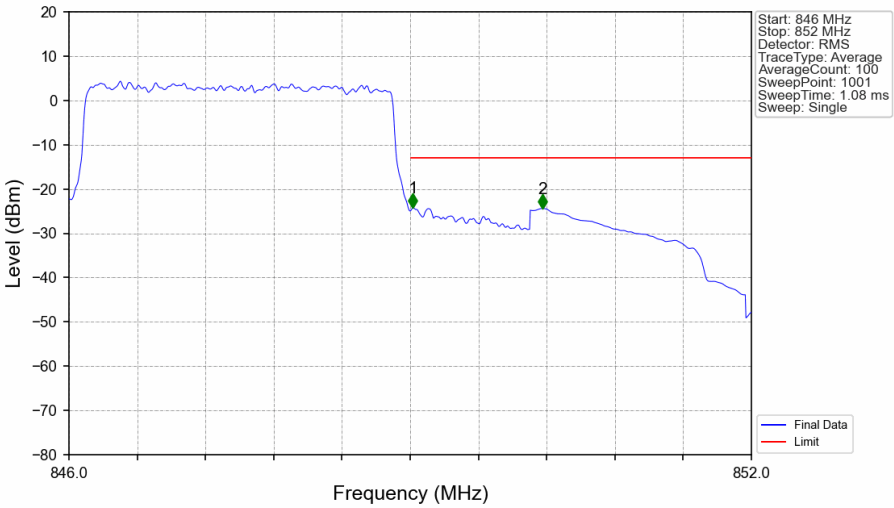


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



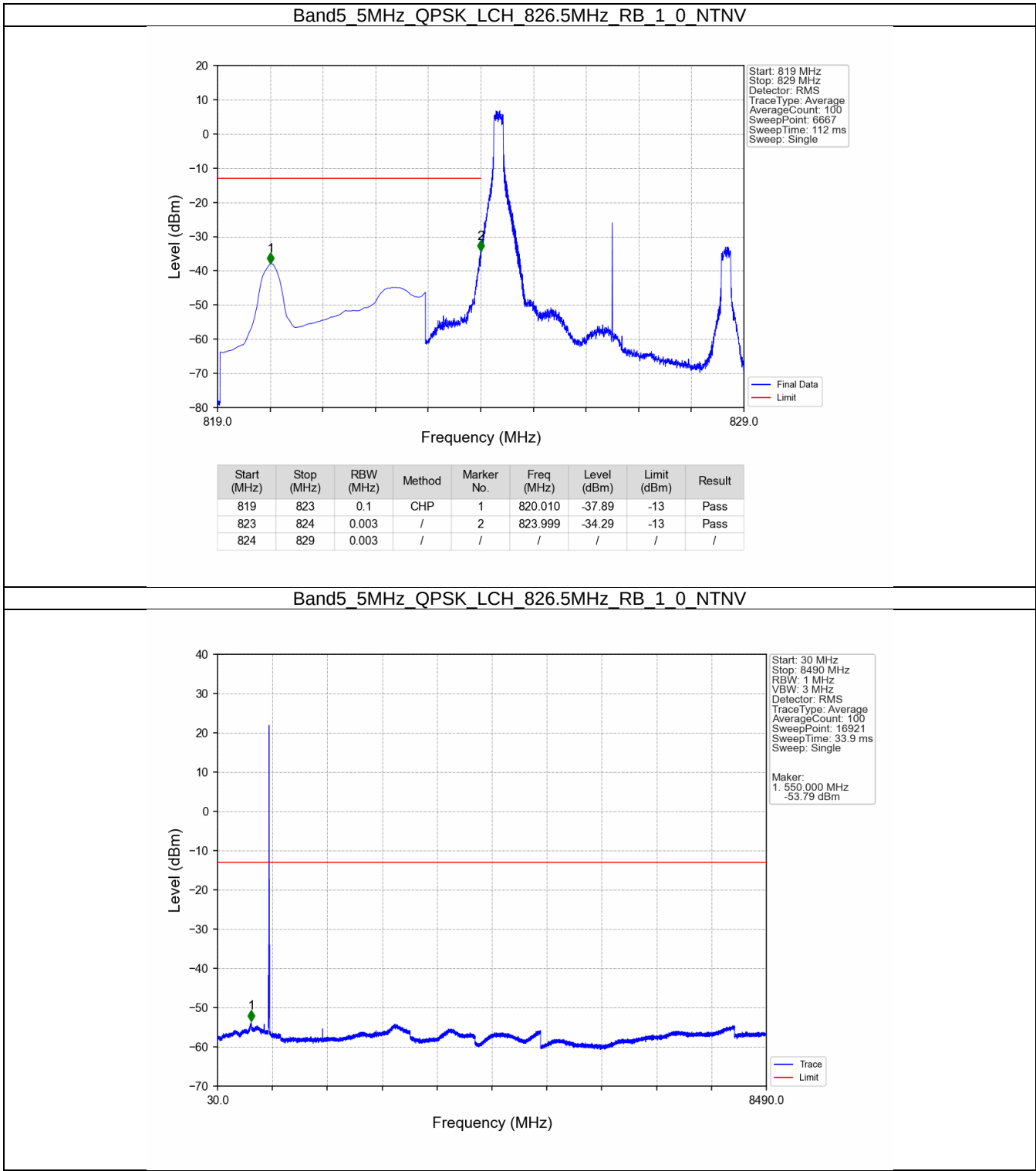
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-27.33	-13	Pass
850	852	0.1	CHP	2	850.052	-41.76	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

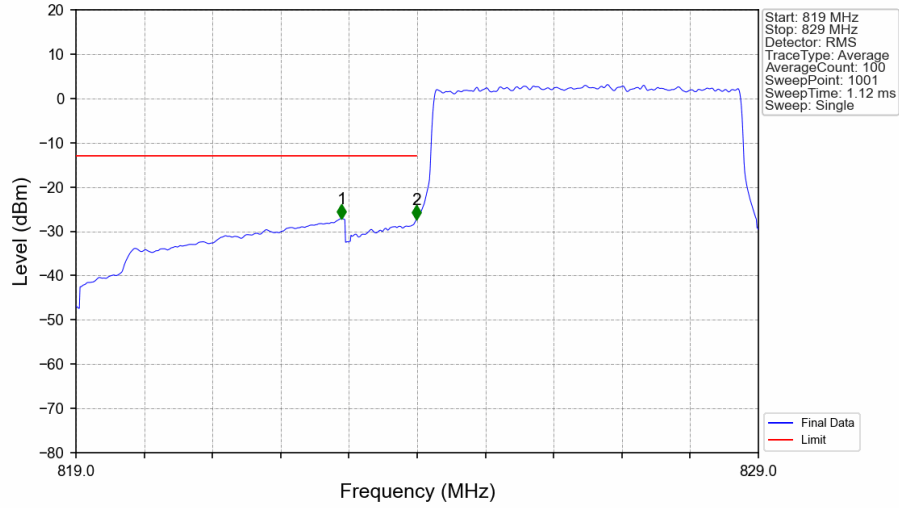


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.024	-24.25	-13	Pass
850	852	0.1	CHP	2	850.164	-24.38	-13	Pass

5.2.3 B5_5MHz

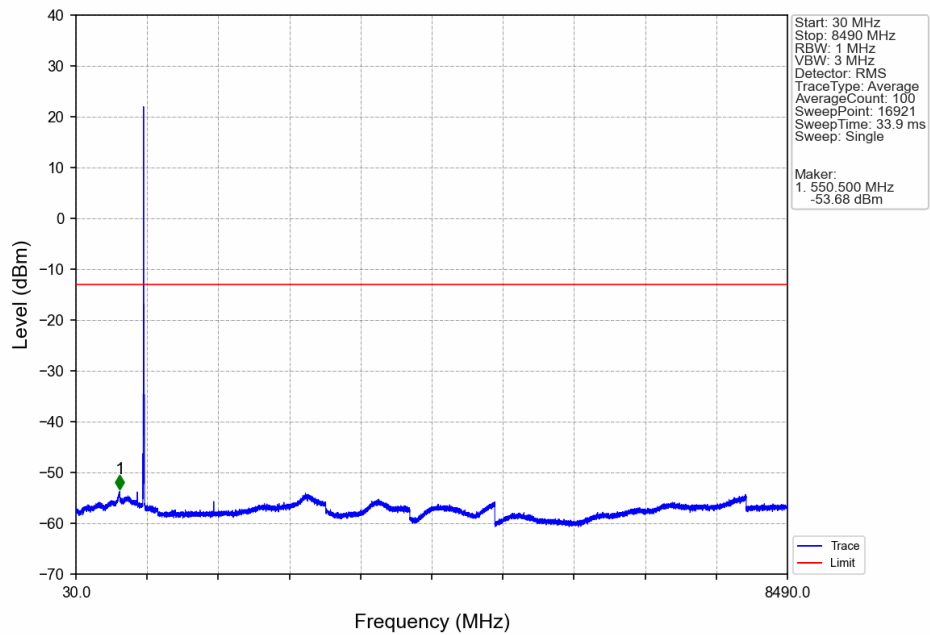


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

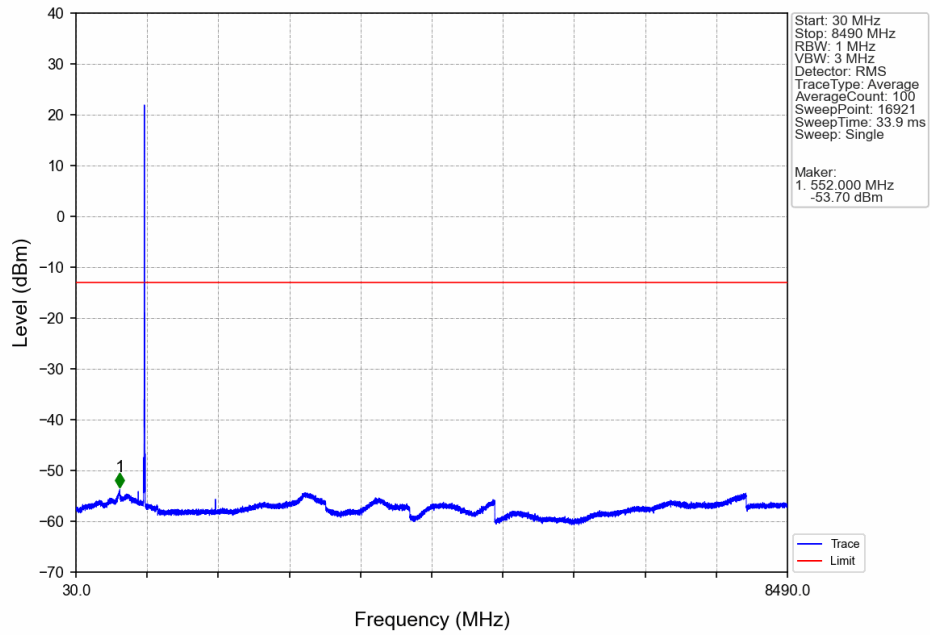


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.890	-27.10	-13	Pass
823	824	0.05	CHP	2	823.990	-27.28	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

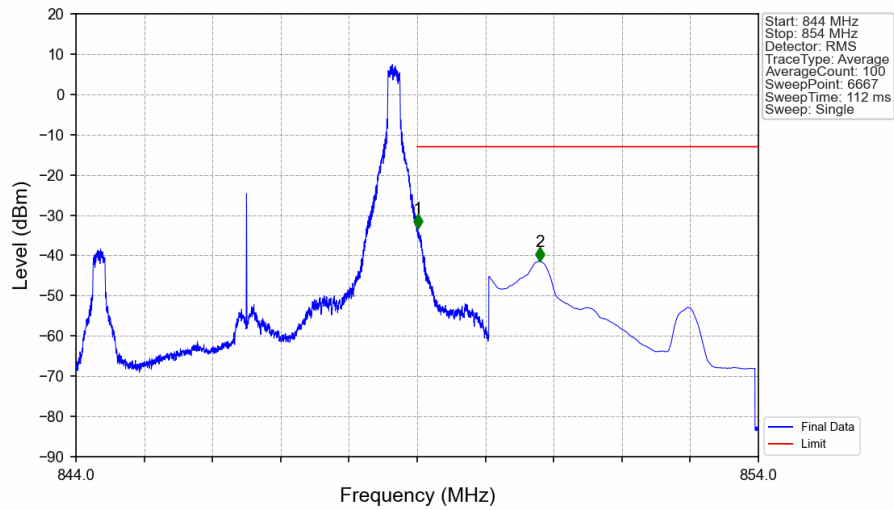
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

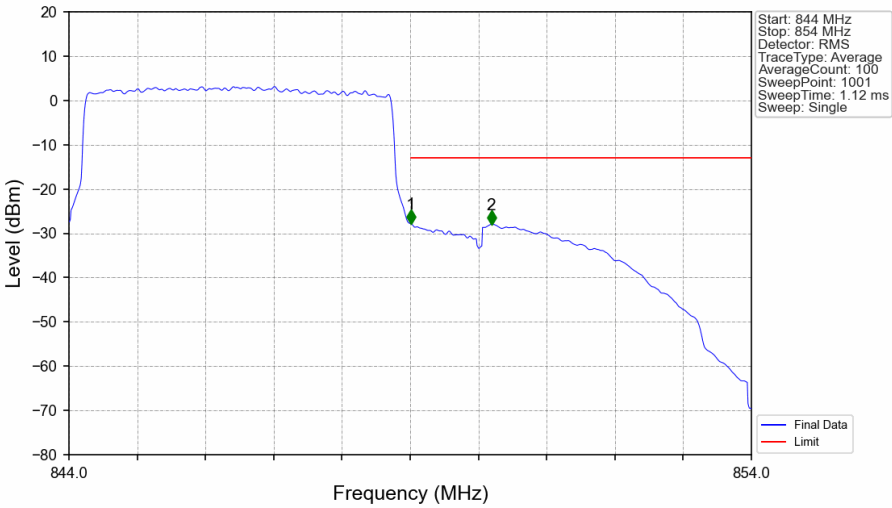


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



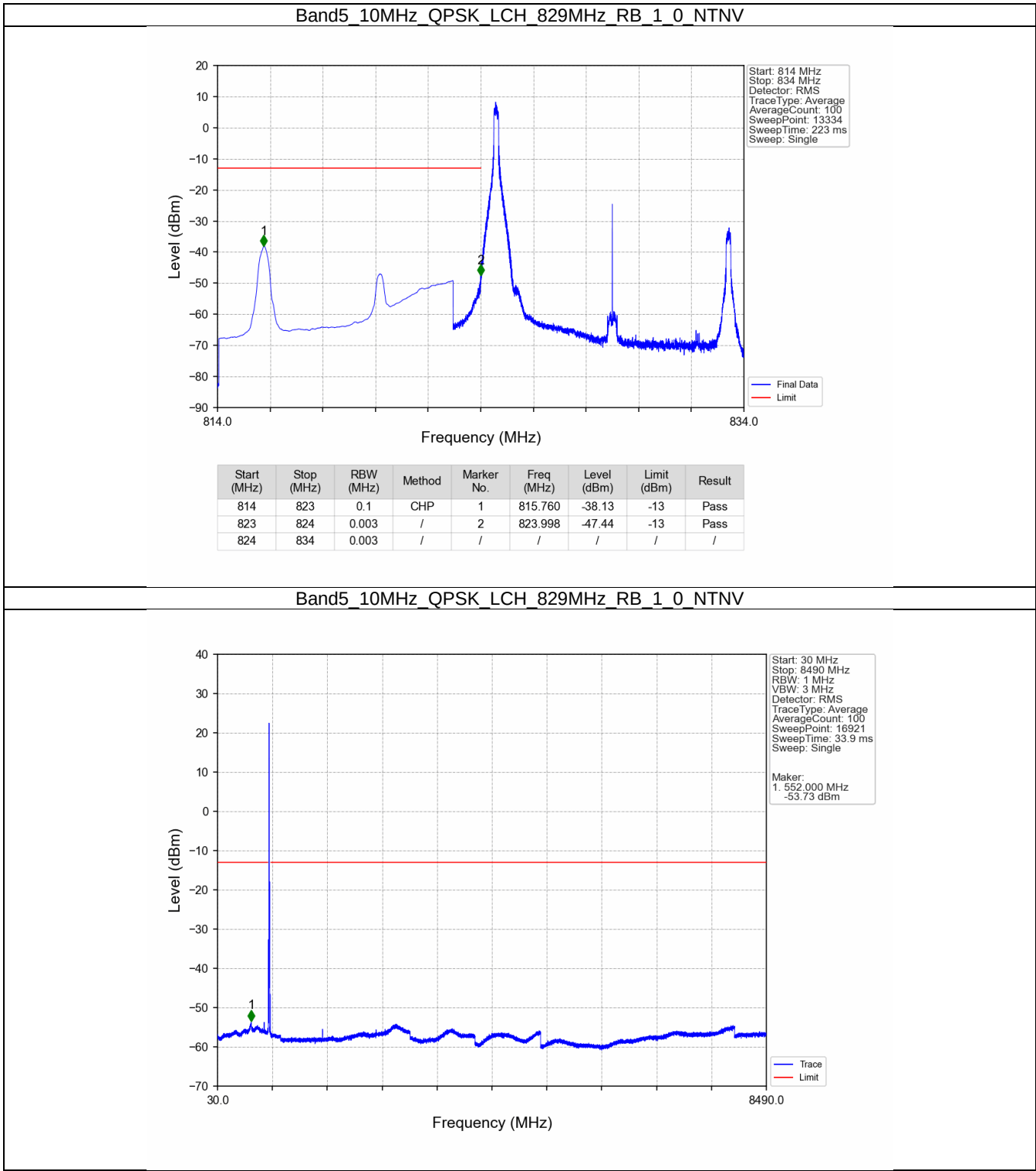
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-33.20	-13	Pass
850	854	0.1	CHP	2	850.800	-41.36	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

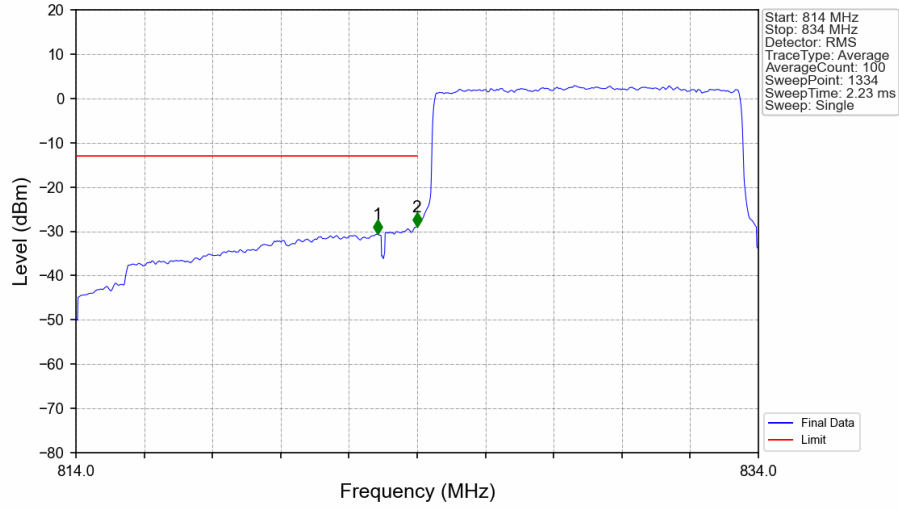


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-27.85	-13	Pass
850	854	0.1	CHP	2	850.190	-27.98	-13	Pass

5.2.4 B5_10MHz

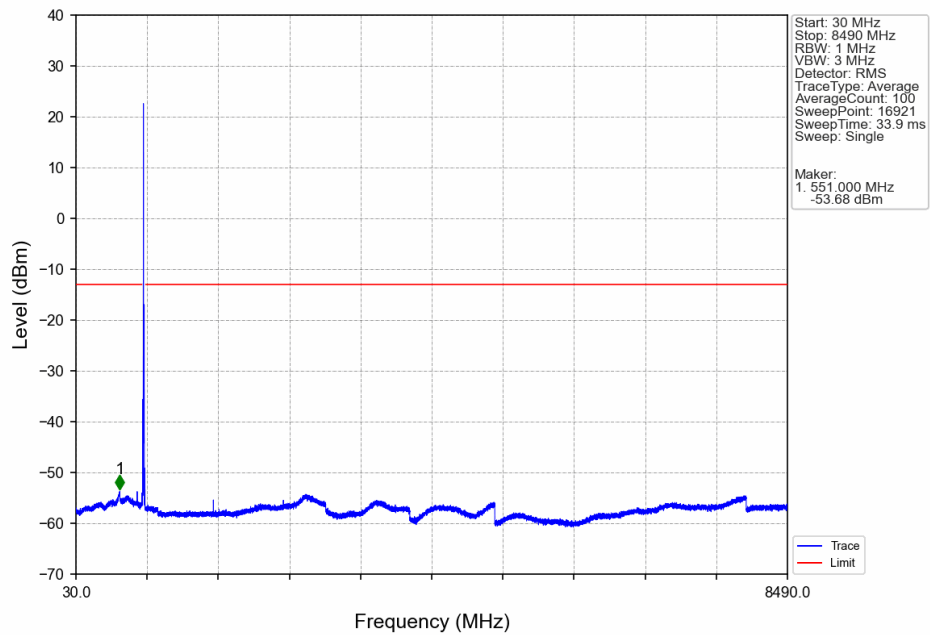


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

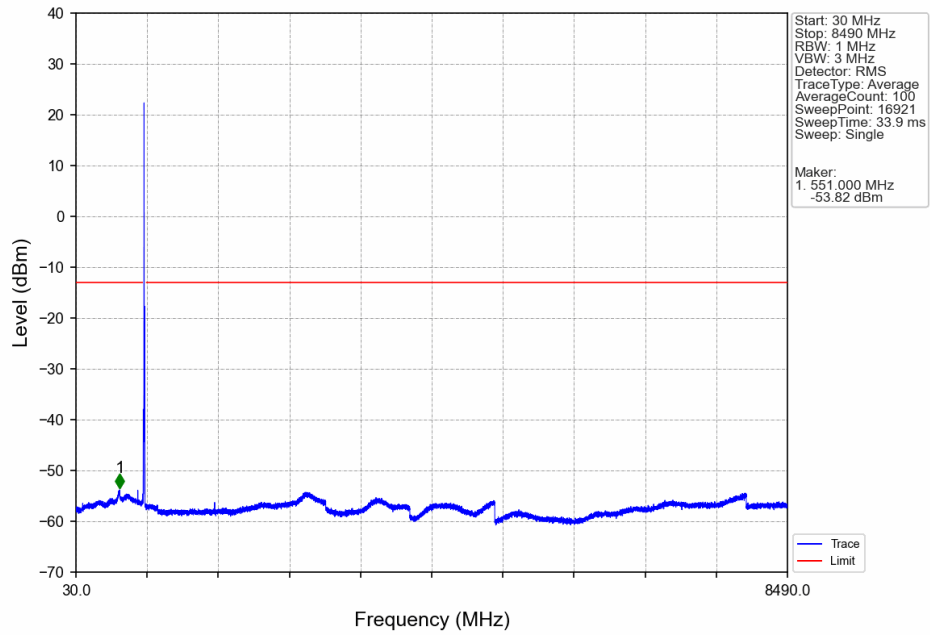


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.837	-30.56	-13	Pass
823	824	0.097	CHP	2	823.992	-28.89	-13	Pass
824	834	0.097	CHP	/	/	/	/	/

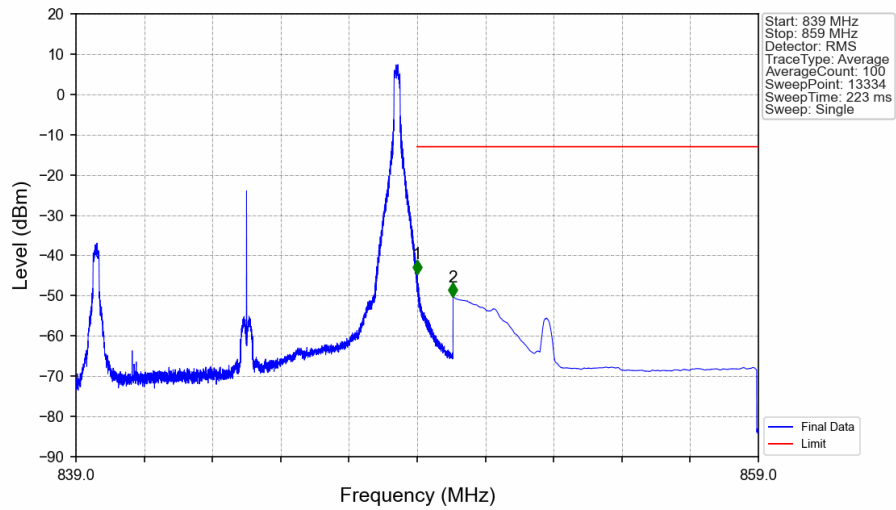
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

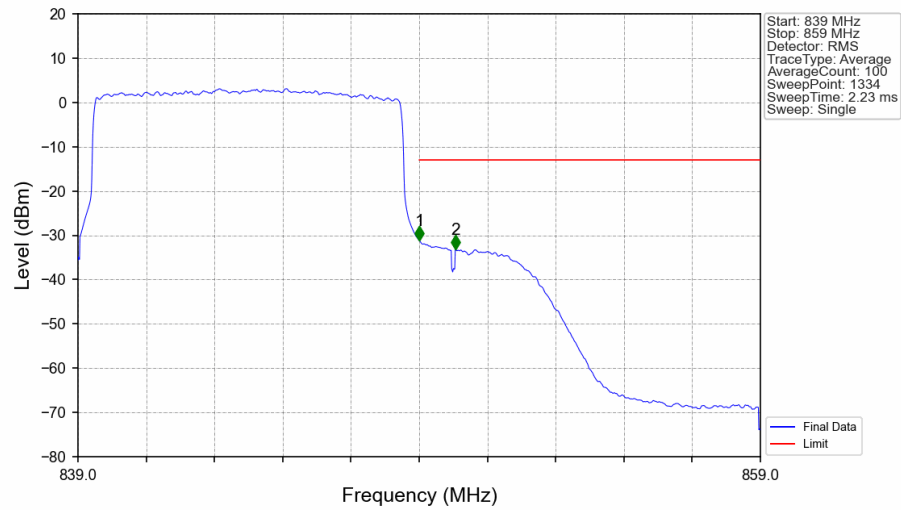


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.001	-44.55	-13	Pass
850	859	0.1	CHP	2	850.051	-50.26	-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	0.097	CHP	/	/	/	/	/
849	850	0.097	CHP	1	849.008	-31.21	-13	Pass
850	859	0.1	CHP	2	850.058	-33.13	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 5_ TM1

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	1649.18	60.34	-49.83	25.57	-59.17	-13.00	46.17	Horizontal
2	2473.77	63.63	-49.05	27.15	-53.53	-13.00	40.53	Horizontal
3	3298.36	54.61	-48.63	28.34	-60.94	-13.00	47.94	Horizontal
4	4122.95	52.54	-48.28	29.50	-61.51	-13.00	48.51	Horizontal
5	4947.54	49.27	-48.07	31.08	-62.98	-13.00	49.98	Horizontal
6	5772.13	50.78	-47.66	32.71	-59.43	-13.00	46.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1648.8889	55.50	-49.83	25.57	-64.01	-13.00	51.01	Vertical
2	2473.77	70.51	-49.05	27.15	-46.65	-13.00	33.65	Vertical
3	3298.36	54.20	-48.63	28.34	-61.35	-13.00	48.35	Vertical
4	4122.95	49.45	-48.28	29.50	-64.60	-13.00	51.60	Vertical
5	4947.54	49.18	-48.07	31.08	-63.07	-13.00	50.07	Vertical
6	5772.13	50.82	-47.66	32.71	-59.39	-13.00	46.39	Vertical

Test Band = LTE Band 5_ TM1
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	1664.18	60.49	-49.79	25.60	-58.97	-13.00	45.97	Horizontal
2	2496.27	59.86	-48.92	27.19	-57.13	-13.00	44.13	Horizontal
3	3328.36	53.45	-48.65	28.36	-62.09	-13.00	49.09	Horizontal
4	4160.45	50.20	-48.32	29.56	-63.82	-13.00	50.82	Horizontal
5	4992.54	49.39	-47.97	31.18	-62.66	-13.00	49.66	Horizontal
6	5824.63	50.54	-47.55	32.73	-59.54	-13.00	46.54	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664.18	55.58	-49.79	25.60	-63.88	-13.00	50.88	Vertical
2	2496.27	62.87	-48.92	27.19	-54.12	-13.00	41.12	Vertical
3	3328.36	56.94	-48.65	28.36	-58.60	-13.00	45.60	Vertical
4	4160.45	51.43	-48.32	29.56	-62.59	-13.00	49.59	Vertical
5	4992.54	49.51	-47.97	31.18	-62.54	-13.00	49.54	Vertical
6	5824.63	50.28	-47.55	32.73	-59.80	-13.00	46.80	Vertical

Test Band = LTE Band 5_ TM1
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	62.55	-49.76	25.62	-56.86	-13.00	43.86	Horizontal
2	2518.6667	64.25	-48.95	27.23	-52.73	-13.00	39.73	Horizontal
3	3358.2222	55.00	-48.66	28.39	-60.54	-13.00	47.54	Horizontal
4	4197.95	52.54	-48.36	29.62	-61.46	-13.00	48.46	Horizontal
5	5037.54	49.84	-47.94	31.31	-62.06	-13.00	49.06	Horizontal
6	5887.13	49.88	-47.11	32.76	-59.73	-13.00	46.73	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1111	57.32	-49.76	25.62	-62.09	-13.00	49.09	Vertical
2	2518.6667	69.01	-48.95	27.23	-47.97	-13.00	34.97	Vertical
3	3358.2222	54.04	-48.66	28.39	-61.50	-13.00	48.50	Vertical
4	4197.95	54.15	-48.36	29.62	-59.85	-13.00	46.85	Vertical
5	5037.54	50.06	-47.94	31.31	-61.84	-13.00	48.84	Vertical
6	5887.13	50.93	-47.11	32.76	-58.68	-13.00	45.68	Vertical