

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

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	23.45	-1.03	20.27	<=38.45	Pass
			2	23.43	-1.03	20.25	<=38.45	Pass
			5	23.40	-1.03	20.22	<=38.45	Pass
		3	0	23.41	-1.03	20.23	<=38.45	Pass
			2	23.40	-1.03	20.22	<=38.45	Pass
			3	23.45	-1.03	20.27	<=38.45	Pass
		6	0	22.71	-1.03	19.53	<=38.45	Pass
	836.5	1	0	23.63	-1.03	20.45	<=38.45	Pass
			2	23.62	-1.03	20.44	<=38.45	Pass
			5	23.59	-1.03	20.41	<=38.45	Pass
		3	0	23.64	-1.03	20.46	<=38.45	Pass
			2	23.60	-1.03	20.42	<=38.45	Pass
			3	23.66	-1.03	20.48	<=38.45	Pass
		6	0	22.97	-1.03	19.79	<=38.45	Pass
	848.3	1	0	23.31	-1.03	20.13	<=38.45	Pass
			2	23.75	-1.03	20.57	<=38.45	Pass
			5	23.75	-1.03	20.57	<=38.45	Pass
		3	0	23.71	-1.03	20.53	<=38.45	Pass
			2	23.78	-1.03	20.60	<=38.45	Pass
			3	23.75	-1.03	20.57	<=38.45	Pass
		6	0	23.15	-1.03	19.97	<=38.45	Pass
16QAM	824.7	1	0	23.04	-1.03	19.86	<=38.45	Pass
			2	23.16	-1.03	19.98	<=38.45	Pass
			5	23.08	-1.03	19.90	<=38.45	Pass
		3	0	22.74	-1.03	19.56	<=38.45	Pass
			2	22.81	-1.03	19.63	<=38.45	Pass
			3	22.85	-1.03	19.67	<=38.45	Pass
		6	0	21.67	-1.03	18.49	<=38.45	Pass
	836.5	1	0	23.04	-1.03	19.86	<=38.45	Pass
			2	23.29	-1.03	20.11	<=38.45	Pass
			5	23.24	-1.03	20.06	<=38.45	Pass
		3	0	22.98	-1.03	19.80	<=38.45	Pass
			2	23.07	-1.03	19.89	<=38.45	Pass
			3	23.05	-1.03	19.87	<=38.45	Pass
		6	0	21.88	-1.03	18.70	<=38.45	Pass
	848.3	1	0	23.45	-1.03	20.27	<=38.45	Pass
			2	23.36	-1.03	20.18	<=38.45	Pass
			5	23.48	-1.03	20.30	<=38.45	Pass
		3	0	23.03	-1.03	19.85	<=38.45	Pass
			2	23.08	-1.03	19.90	<=38.45	Pass
			3	23.14	-1.03	19.96	<=38.45	Pass
		6	0	22.01	-1.03	18.83	<=38.45	Pass
64QAM	824.7	1	0	22.82	-1.03	19.64	<=38.45	Pass
			2	22.78	-1.03	19.60	<=38.45	Pass
			5	22.80	-1.03	19.62	<=38.45	Pass
		3	0	22.68	-1.03	19.50	<=38.45	Pass
			2	22.79	-1.03	19.61	<=38.45	Pass
			3	22.85	-1.03	19.67	<=38.45	Pass
		6	0	21.64	-1.03	18.46	<=38.45	Pass
	836.5	1	0	22.93	-1.03	19.75	<=38.45	Pass
			2	22.93	-1.03	19.75	<=38.45	Pass
			5	22.83	-1.03	19.65	<=38.45	Pass
		3	0	22.89	-1.03	19.71	<=38.45	Pass
			2	23.02	-1.03	19.84	<=38.45	Pass

			3	22.84	-1.03	19.66	<=38.45	Pass
		6	0	21.97	-1.03	18.79	<=38.45	Pass
	848.3	1	0	23.35	-1.03	20.17	<=38.45	Pass
			2	23.55	-1.03	20.37	<=38.45	Pass
			5	23.30	-1.03	20.12	<=38.45	Pass
		3	0	23.14	-1.03	19.96	<=38.45	Pass
			2	23.15	-1.03	19.97	<=38.45	Pass
			3	23.05	-1.03	19.87	<=38.45	Pass
		6	0	22.18	-1.03	19.00	<=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	23.46	-1.03	20.28	<=38.45	Pass
			7	23.56	-1.03	20.38	<=38.45	Pass
			14	23.31	-1.03	20.13	<=38.45	Pass
		8	0	22.56	-1.03	19.38	<=38.45	Pass
			4	22.69	-1.03	19.51	<=38.45	Pass
			7	22.65	-1.03	19.47	<=38.45	Pass
		15	0	22.68	-1.03	19.50	<=38.45	Pass
	836.5	1	0	23.80	-1.03	20.62	<=38.45	Pass
			7	23.53	-1.03	20.35	<=38.45	Pass
			14	23.73	-1.03	20.55	<=38.45	Pass
		8	0	23.09	-1.03	19.91	<=38.45	Pass
			4	22.97	-1.03	19.79	<=38.45	Pass
			7	23.00	-1.03	19.82	<=38.45	Pass
		15	0	22.95	-1.03	19.77	<=38.45	Pass
	847.5	1	0	23.71	-1.03	20.53	<=38.45	Pass
			7	24.03	-1.03	20.85	<=38.45	Pass
			14	23.62	-1.03	20.44	<=38.45	Pass
		8	0	23.07	-1.03	19.89	<=38.45	Pass
			4	23.17	-1.03	19.99	<=38.45	Pass
			7	23.11	-1.03	19.93	<=38.45	Pass
		15	0	23.19	-1.03	20.01	<=38.45	Pass
16QAM	825.5	1	0	22.80	-1.03	19.62	<=38.45	Pass
			7	22.93	-1.03	19.75	<=38.45	Pass
			14	22.93	-1.03	19.75	<=38.45	Pass
		8	0	21.68	-1.03	18.50	<=38.45	Pass
			4	21.76	-1.03	18.58	<=38.45	Pass
			7	21.64	-1.03	18.46	<=38.45	Pass
		15	0	21.62	-1.03	18.44	<=38.45	Pass
	836.5	1	0	23.08	-1.03	19.90	<=38.45	Pass
			7	23.35	-1.03	20.17	<=38.45	Pass
			14	23.22	-1.03	20.04	<=38.45	Pass
		8	0	22.11	-1.03	18.93	<=38.45	Pass
			4	21.97	-1.03	18.79	<=38.45	Pass
			7	21.91	-1.03	18.73	<=38.45	Pass
		15	0	22.01	-1.03	18.83	<=38.45	Pass
	847.5	1	0	23.37	-1.03	20.19	<=38.45	Pass
			7	23.48	-1.03	20.30	<=38.45	Pass
			14	23.54	-1.03	20.36	<=38.45	Pass
		8	0	22.10	-1.03	18.92	<=38.45	Pass
			4	22.22	-1.03	19.04	<=38.45	Pass
			7	22.09	-1.03	18.91	<=38.45	Pass
		15	0	22.18	-1.03	19.00	<=38.45	Pass
64QAM	825.5	1	0	22.73	-1.03	19.55	<=38.45	Pass
			7	22.59	-1.03	19.41	<=38.45	Pass
			14	22.53	-1.03	19.35	<=38.45	Pass
		8	0	21.59	-1.03	18.41	<=38.45	Pass

		15	4	21.78	-1.03	18.60	<=38.45	Pass
			7	21.60	-1.03	18.42	<=38.45	Pass
			0	21.61	-1.03	18.43	<=38.45	Pass
	836.5	1	0	22.98	-1.03	19.80	<=38.45	Pass
			7	23.13	-1.03	19.95	<=38.45	Pass
			14	23.25	-1.03	20.07	<=38.45	Pass
		8	0	22.11	-1.03	18.93	<=38.45	Pass
			4	22.02	-1.03	18.84	<=38.45	Pass
			7	21.87	-1.03	18.69	<=38.45	Pass
		15	0	21.96	-1.03	18.78	<=38.45	Pass
		847.5	1	0	23.14	-1.03	19.96	<=38.45
	7			23.25	-1.03	20.07	<=38.45	Pass
	14			23.37	-1.03	20.19	<=38.45	Pass
	8		0	22.02	-1.03	18.84	<=38.45	Pass
			4	22.27	-1.03	19.09	<=38.45	Pass
			7	22.09	-1.03	18.91	<=38.45	Pass
	15		0	22.21	-1.03	19.03	<=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	23.56	-1.03	20.38	<=38.45	Pass
			13	23.50	-1.03	20.32	<=38.45	Pass
			24	23.46	-1.03	20.28	<=38.45	Pass
		12	0	22.89	-1.03	19.71	<=38.45	Pass
			6	22.97	-1.03	19.79	<=38.45	Pass
			13	22.86	-1.03	19.68	<=38.45	Pass
		25	0	22.91	-1.03	19.73	<=38.45	Pass
	836.5	1	0	23.70	-1.03	20.52	<=38.45	Pass
			13	23.58	-1.03	20.40	<=38.45	Pass
			24	23.55	-1.03	20.37	<=38.45	Pass
		12	0	22.93	-1.03	19.75	<=38.45	Pass
			6	22.94	-1.03	19.76	<=38.45	Pass
			13	22.94	-1.03	19.76	<=38.45	Pass
		25	0	22.92	-1.03	19.74	<=38.45	Pass
	846.5	1	0	23.77	-1.03	20.59	<=38.45	Pass
			13	23.81	-1.03	20.63	<=38.45	Pass
			24	23.79	-1.03	20.61	<=38.45	Pass
		12	0	23.12	-1.03	19.94	<=38.45	Pass
			6	23.16	-1.03	19.98	<=38.45	Pass
			13	23.12	-1.03	19.94	<=38.45	Pass
		25	0	23.15	-1.03	19.97	<=38.45	Pass
16QAM	826.5	1	0	23.34	-1.03	20.16	<=38.45	Pass
			13	23.19	-1.03	20.01	<=38.45	Pass
			24	23.08	-1.03	19.90	<=38.45	Pass
		12	0	21.96	-1.03	18.78	<=38.45	Pass
			6	21.88	-1.03	18.70	<=38.45	Pass
			13	21.94	-1.03	18.76	<=38.45	Pass
		25	0	21.75	-1.03	18.57	<=38.45	Pass
	836.5	1	0	23.24	-1.03	20.06	<=38.45	Pass
			13	23.23	-1.03	20.05	<=38.45	Pass
			24	23.03	-1.03	19.85	<=38.45	Pass
		12	0	21.94	-1.03	18.76	<=38.45	Pass
			6	21.90	-1.03	18.72	<=38.45	Pass
			13	21.94	-1.03	18.76	<=38.45	Pass
		25	0	21.93	-1.03	18.75	<=38.45	Pass
	846.5	1	0	23.27	-1.03	20.09	<=38.45	Pass
			13	23.63	-1.03	20.45	<=38.45	Pass
			24	23.31	-1.03	20.13	<=38.45	Pass

64QAM	826.5	12	0	22.13	-1.03	18.95	<=38.45	Pass
			6	22.29	-1.03	19.11	<=38.45	Pass
			13	22.05	-1.03	18.87	<=38.45	Pass
		25	0	22.04	-1.03	18.86	<=38.45	Pass
			6	22.95	-1.03	19.77	<=38.45	Pass
			13	22.89	-1.03	19.71	<=38.45	Pass
	836.5	1	24	22.76	-1.03	19.58	<=38.45	Pass
			0	21.74	-1.03	18.56	<=38.45	Pass
			6	21.93	-1.03	18.75	<=38.45	Pass
		12	13	21.71	-1.03	18.53	<=38.45	Pass
			0	21.67	-1.03	18.49	<=38.45	Pass
			24	23.02	-1.03	19.84	<=38.45	Pass
		1	13	22.97	-1.03	19.79	<=38.45	Pass
			24	23.41	-1.03	20.23	<=38.45	Pass
			0	21.97	-1.03	18.79	<=38.45	Pass
		12	6	21.99	-1.03	18.81	<=38.45	Pass
			13	22.01	-1.03	18.83	<=38.45	Pass
			25	22.01	-1.03	18.83	<=38.45	Pass
	846.5	1	0	23.29	-1.03	20.11	<=38.45	Pass
			13	23.26	-1.03	20.08	<=38.45	Pass
			24	23.31	-1.03	20.13	<=38.45	Pass
		12	0	22.22	-1.03	19.04	<=38.45	Pass
			6	22.24	-1.03	19.06	<=38.45	Pass
			13	22.12	-1.03	18.94	<=38.45	Pass
		25	0	22.18	-1.03	19.00	<=38.45	Pass

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	23.87	-1.03	20.69	<=38.45	Pass
			25	23.47	-1.03	20.29	<=38.45	Pass
			49	23.06	-1.03	19.88	<=38.45	Pass
		25	0	22.84	-1.03	19.66	<=38.45	Pass
			13	22.80	-1.03	19.62	<=38.45	Pass
			25	22.78	-1.03	19.60	<=38.45	Pass
		50	0	22.82	-1.03	19.64	<=38.45	Pass
	836.5	1	0	23.90	-1.03	20.72	<=38.45	Pass
			25	23.64	-1.03	20.46	<=38.45	Pass
			49	23.99	-1.03	20.81	<=38.45	Pass
		25	0	23.10	-1.03	19.92	<=38.45	Pass
			13	22.99	-1.03	19.81	<=38.45	Pass
			25	23.04	-1.03	19.86	<=38.45	Pass
		50	0	23.07	-1.03	19.89	<=38.45	Pass
	844	1	0	24.15	-1.03	20.97	<=38.45	Pass
			25	23.96	-1.03	20.78	<=38.45	Pass
			49	23.75	-1.03	20.57	<=38.45	Pass
		25	0	23.21	-1.03	20.03	<=38.45	Pass
			13	23.09	-1.03	19.91	<=38.45	Pass
			25	23.31	-1.03	20.13	<=38.45	Pass
		50	0	23.29	-1.03	20.11	<=38.45	Pass
16QAM	829	1	0	23.27	-1.03	20.09	<=38.45	Pass
			25	22.93	-1.03	19.75	<=38.45	Pass
			49	22.65	-1.03	19.47	<=38.45	Pass
		25	0	21.80	-1.03	18.62	<=38.45	Pass
			13	21.66	-1.03	18.48	<=38.45	Pass
			25	21.68	-1.03	18.50	<=38.45	Pass
		50	0	21.86	-1.03	18.68	<=38.45	Pass
	836.5	1	0	23.72	-1.03	20.54	<=38.45	Pass
			25	23.25	-1.03	20.07	<=38.45	Pass

64QAM		25	49	23.84	-1.03	20.66	<=38.45	Pass
			0	22.11	-1.03	18.93	<=38.45	Pass
			13	21.94	-1.03	18.76	<=38.45	Pass
			25	21.98	-1.03	18.80	<=38.45	Pass
	844	50	0	22.04	-1.03	18.86	<=38.45	Pass
			0	23.53	-1.03	20.35	<=38.45	Pass
			25	23.45	-1.03	20.27	<=38.45	Pass
		1	49	23.41	-1.03	20.23	<=38.45	Pass
			0	22.24	-1.03	19.06	<=38.45	Pass
			13	22.35	-1.03	19.17	<=38.45	Pass
		25	25	22.24	-1.03	19.06	<=38.45	Pass
			0	22.33	-1.03	19.15	<=38.45	Pass
			0	23.42	-1.03	20.24	<=38.45	Pass
	829	1	25	23.08	-1.03	19.90	<=38.45	Pass
			49	22.85	-1.03	19.67	<=38.45	Pass
			0	21.82	-1.03	18.64	<=38.45	Pass
		25	13	21.79	-1.03	18.61	<=38.45	Pass
			25	21.66	-1.03	18.48	<=38.45	Pass
			0	21.79	-1.03	18.61	<=38.45	Pass
	836.5	50	0	23.19	-1.03	20.01	<=38.45	Pass
			25	23.40	-1.03	20.22	<=38.45	Pass
			49	23.67	-1.03	20.49	<=38.45	Pass
		1	0	22.02	-1.03	18.84	<=38.45	Pass
			13	21.95	-1.03	18.77	<=38.45	Pass
			25	22.04	-1.03	18.86	<=38.45	Pass
	844	25	0	21.97	-1.03	18.79	<=38.45	Pass
			0	23.51	-1.03	20.33	<=38.45	Pass
			25	23.41	-1.03	20.23	<=38.45	Pass
		1	49	23.51	-1.03	20.33	<=38.45	Pass
			0	22.13	-1.03	18.95	<=38.45	Pass
			13	22.14	-1.03	18.96	<=38.45	Pass
		25	25	22.18	-1.03	19.00	<=38.45	Pass
			0	22.27	-1.03	19.09	<=38.45	Pass
			0	22.27	-1.03	19.09	<=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	3.4	-2.700	-0.0032	-2.5 to 2.5	Pass
					3.8	0.900	0.0011	-2.5 to 2.5	Pass
					4.2	-1.600	-0.0019	-2.5 to 2.5	Pass
				-30	3.8	-0.600	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-0.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	-0.400	-0.0005	-2.5 to 2.5	Pass
				0	3.8	-0.800	-0.0010	-2.5 to 2.5	Pass
				10	3.8	-0.700	-0.0008	-2.5 to 2.5	Pass
				30	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	3.8	0.900	0.0011	-2.5 to 2.5	Pass
				50	3.8	0.700	0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

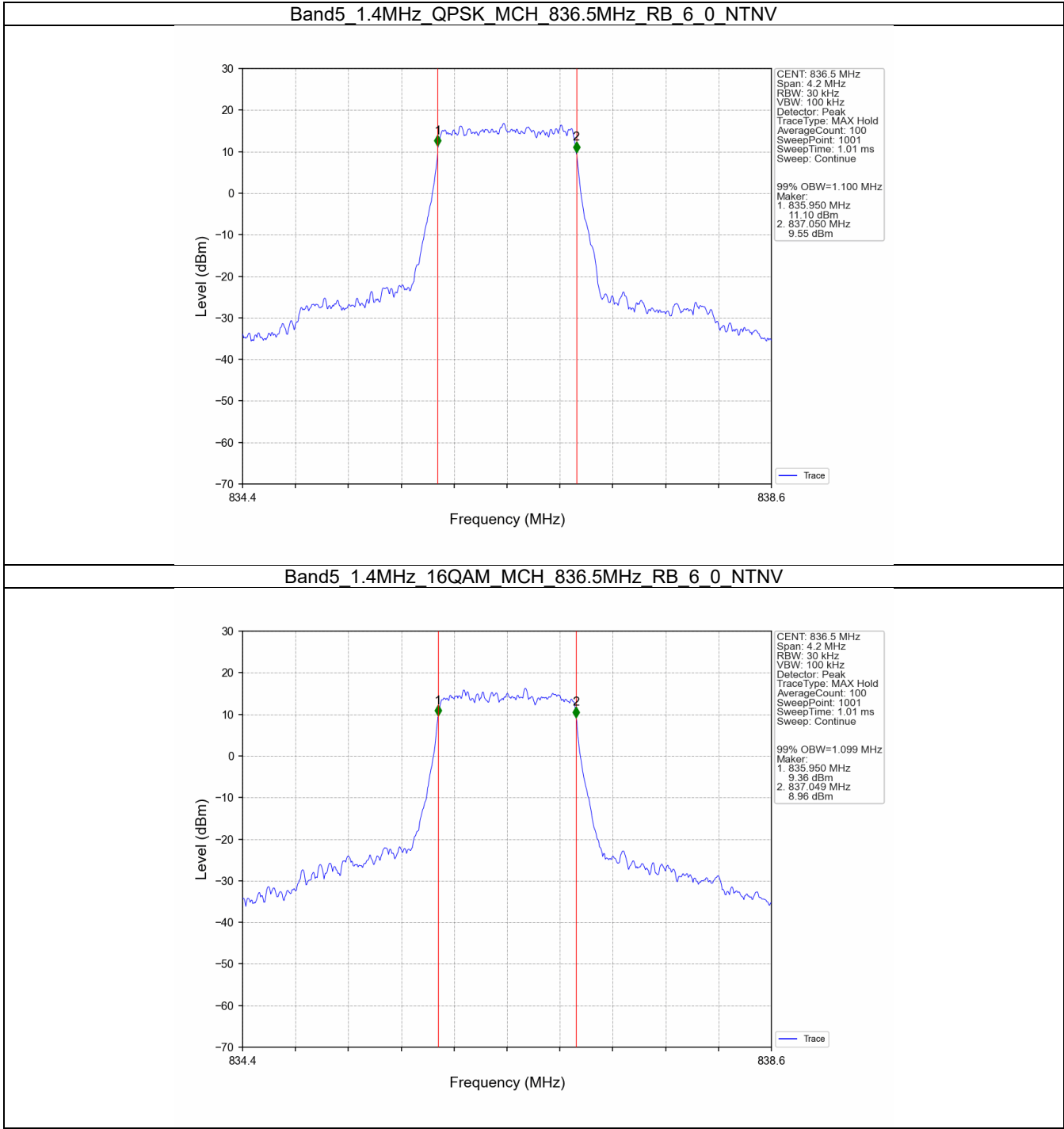
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.100	/	Pass
	16QAM	836.5	6	0	1.099	/	Pass
	64QAM	836.5	6	0	1.097	/	Pass
3	QPSK	836.5	15	0	2.727	/	Pass
	16QAM	836.5	15	0	2.737	/	Pass
	64QAM	836.5	15	0	2.734	/	Pass
5	QPSK	836.5	25	0	4.509	/	Pass
	16QAM	836.5	25	0	4.507	/	Pass
	64QAM	836.5	25	0	4.501	/	Pass
10	QPSK	836.5	50	0	9.001	/	Pass
	16QAM	836.5	50	0	8.978	/	Pass
	64QAM	836.5	50	0	8.969	/	Pass

3.1.2 Band5_XDB

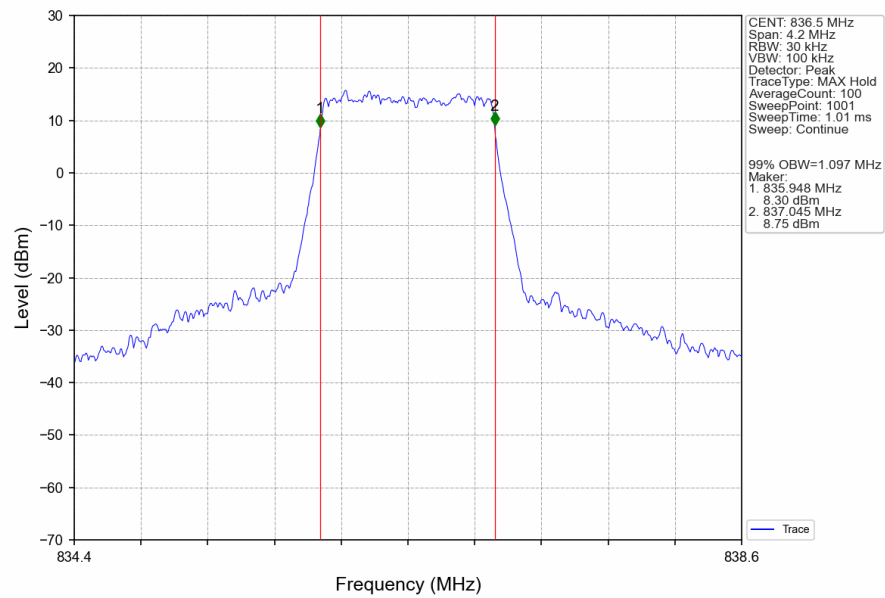
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.301	/	Pass
	16QAM	836.5	6	0	1.283	/	Pass
	64QAM	836.5	6	0	1.305	/	Pass
3	QPSK	836.5	15	0	3.054	/	Pass
	16QAM	836.5	15	0	3.072	/	Pass
	64QAM	836.5	15	0	3.075	/	Pass
5	QPSK	836.5	25	0	5.022	/	Pass
	16QAM	836.5	25	0	5.021	/	Pass
	64QAM	836.5	25	0	5.017	/	Pass
10	QPSK	836.5	50	0	9.808	/	Pass
	16QAM	836.5	50	0	9.836	/	Pass
	64QAM	836.5	50	0	9.839	/	Pass

3.2 Test Graph

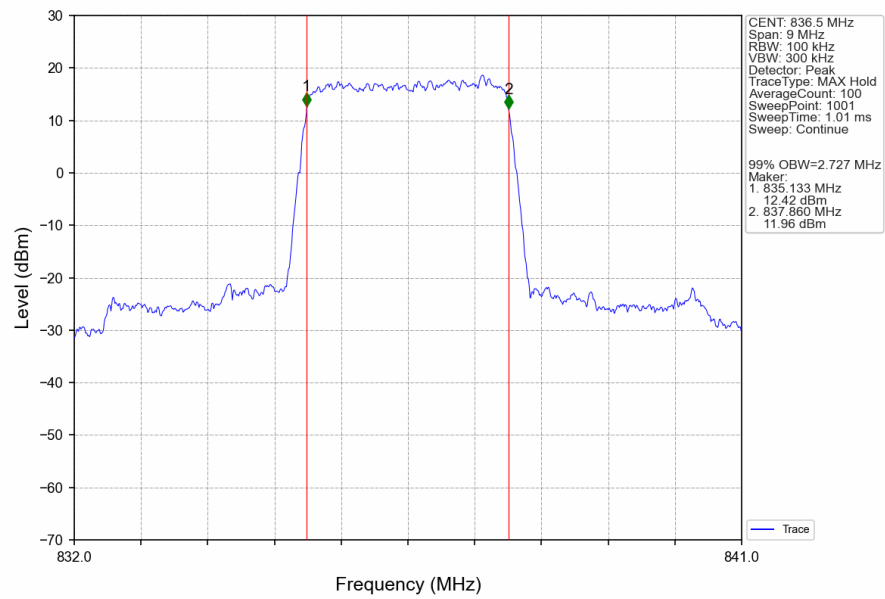
3.2.1 Band5_OBW



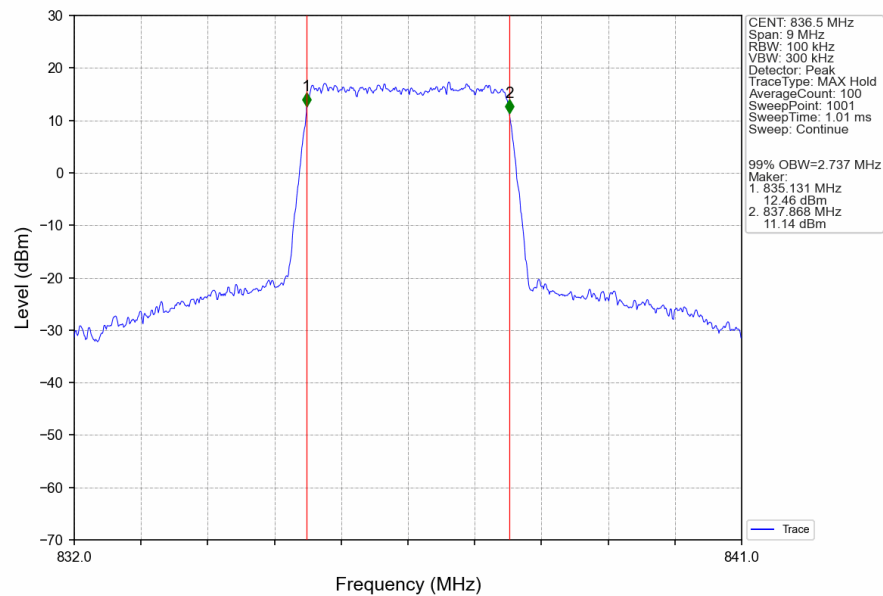
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



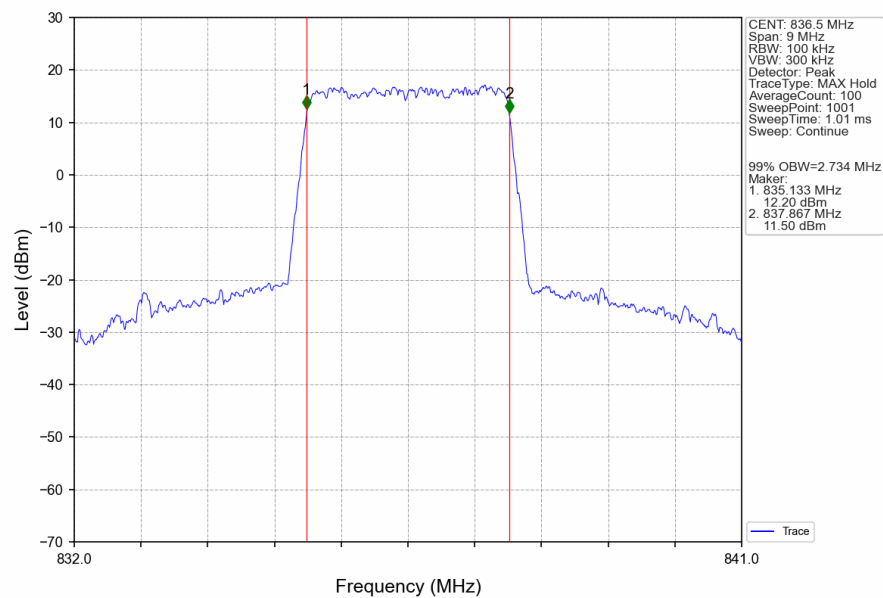
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



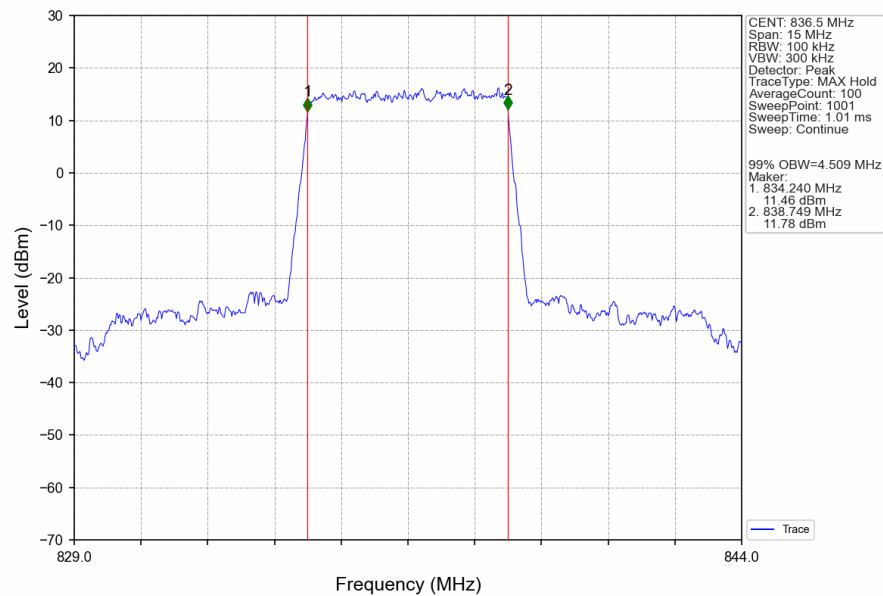
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



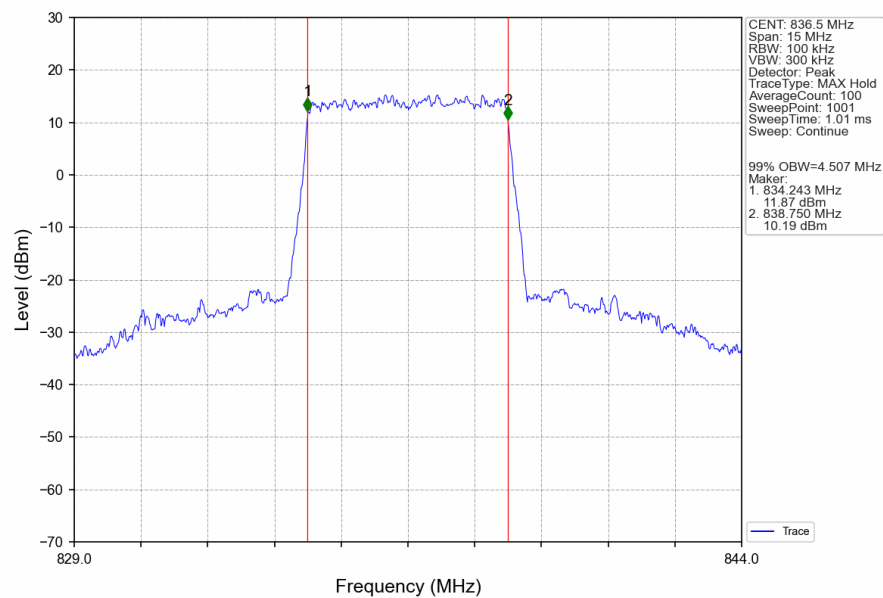
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



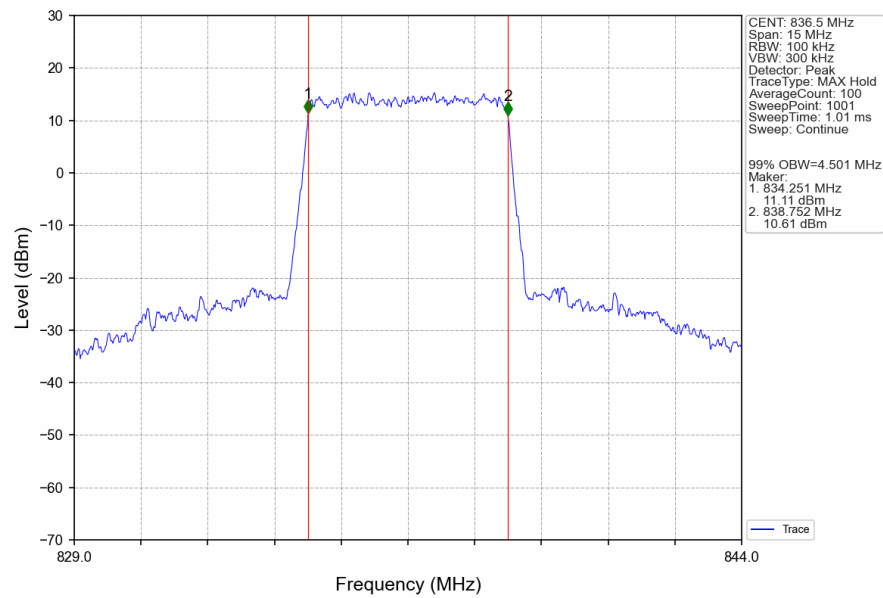
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



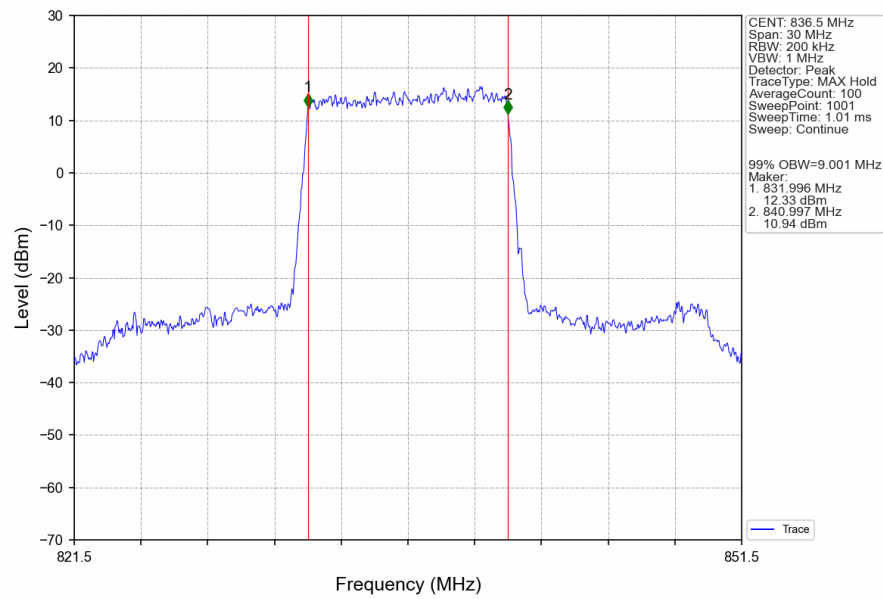
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



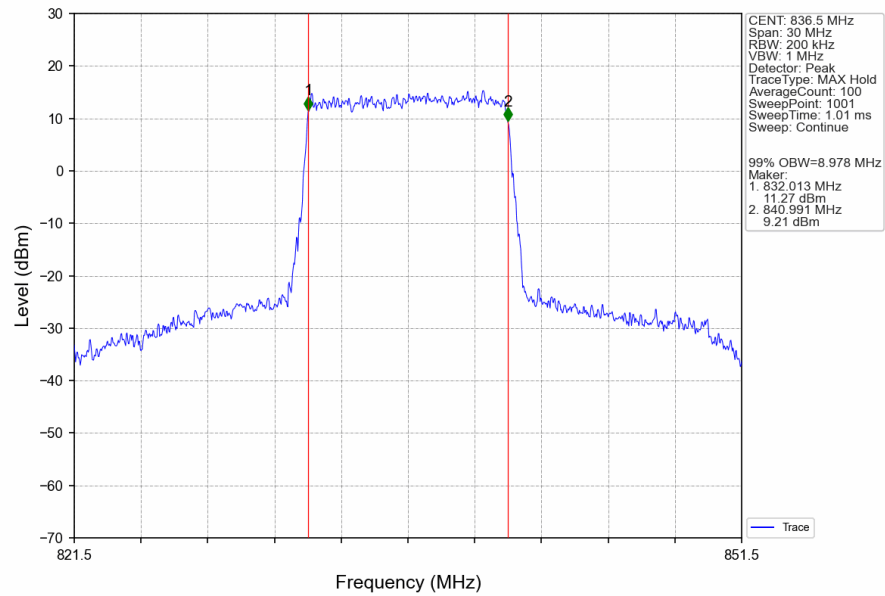
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



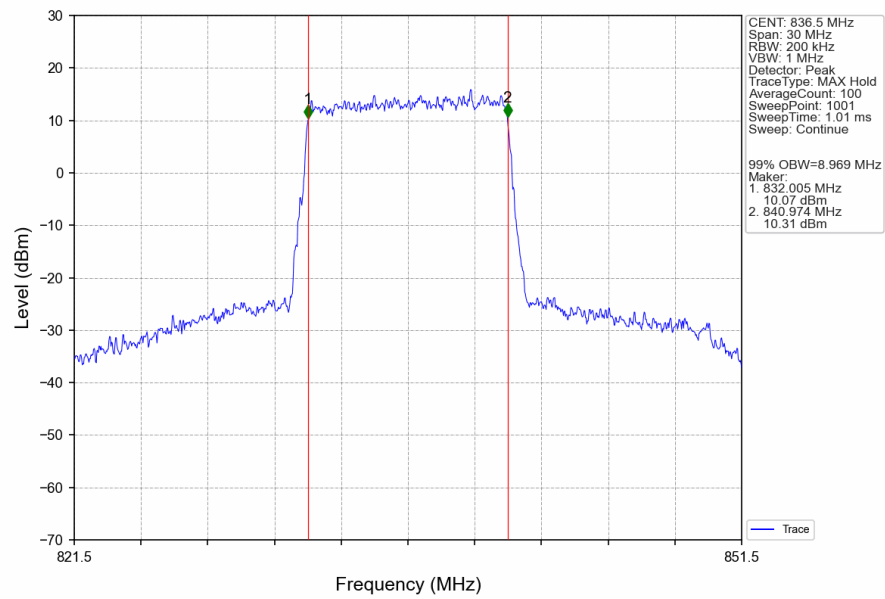
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



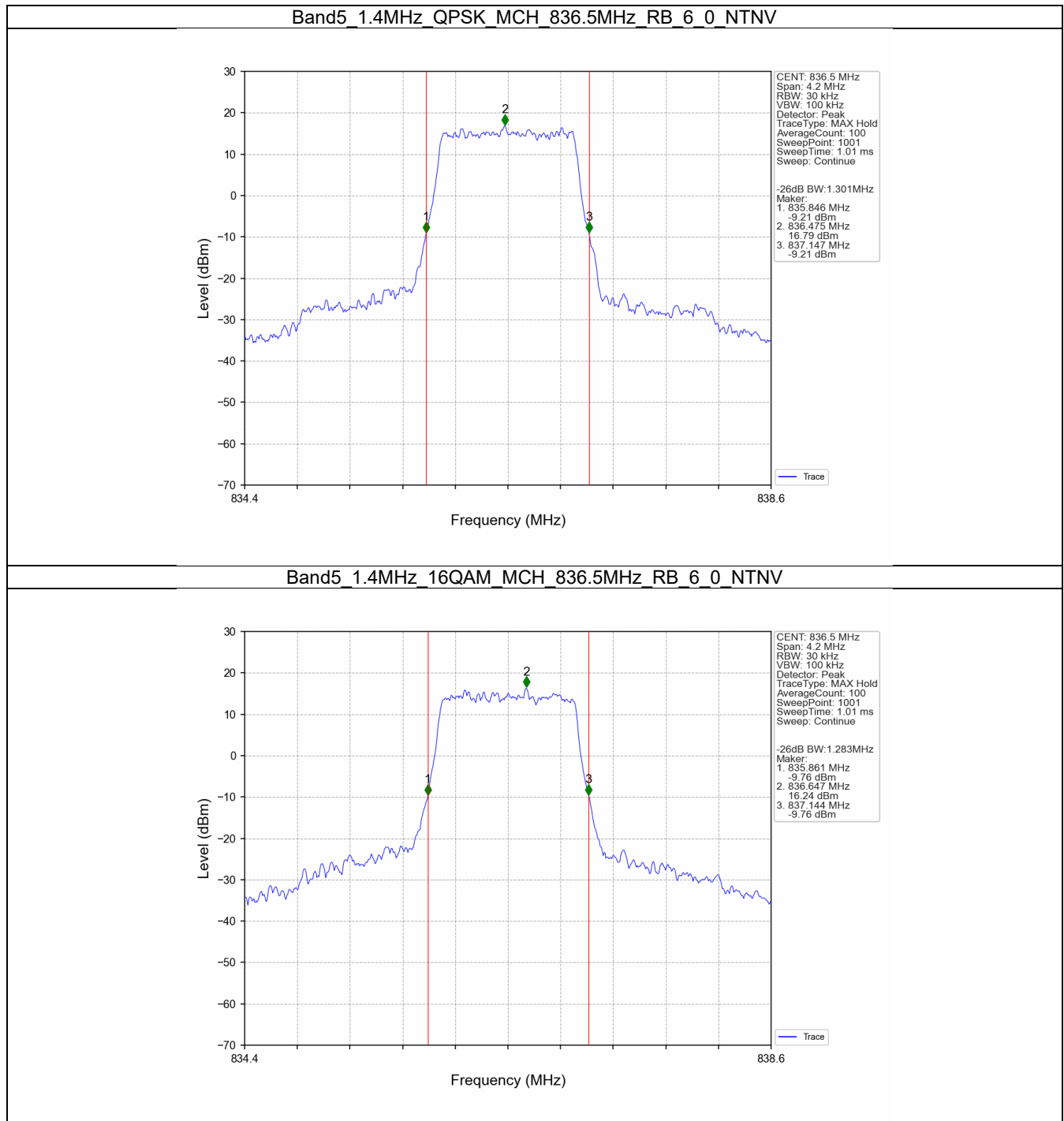
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



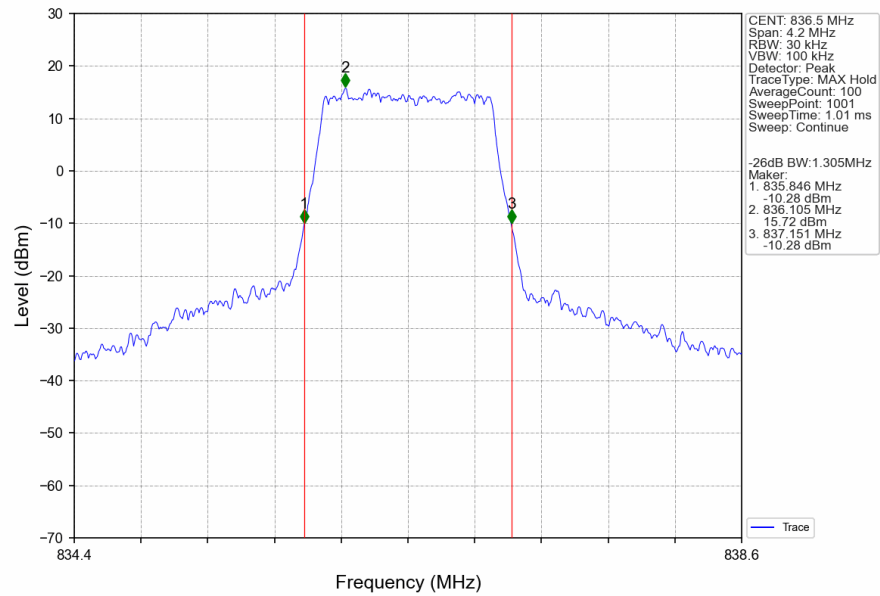
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



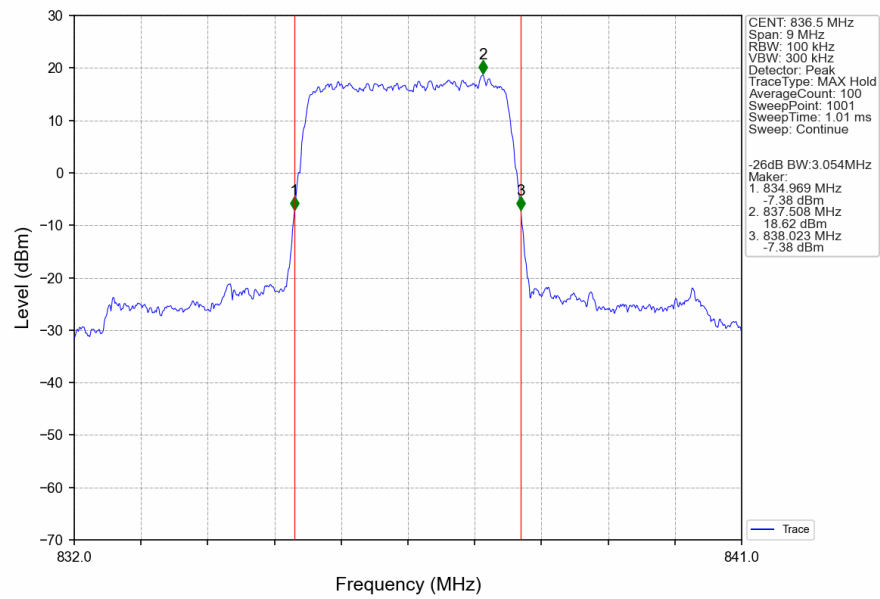
3.2.2 Band5_XDB



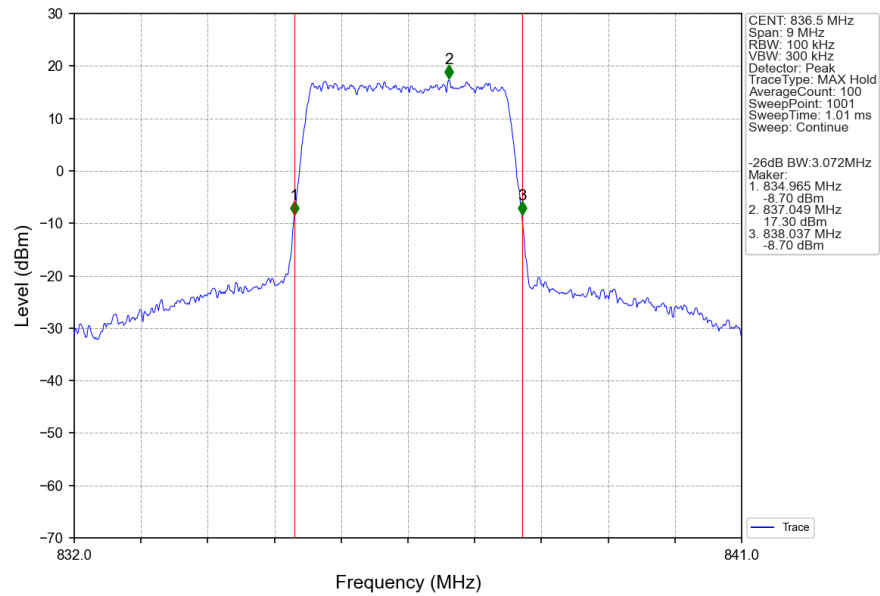
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



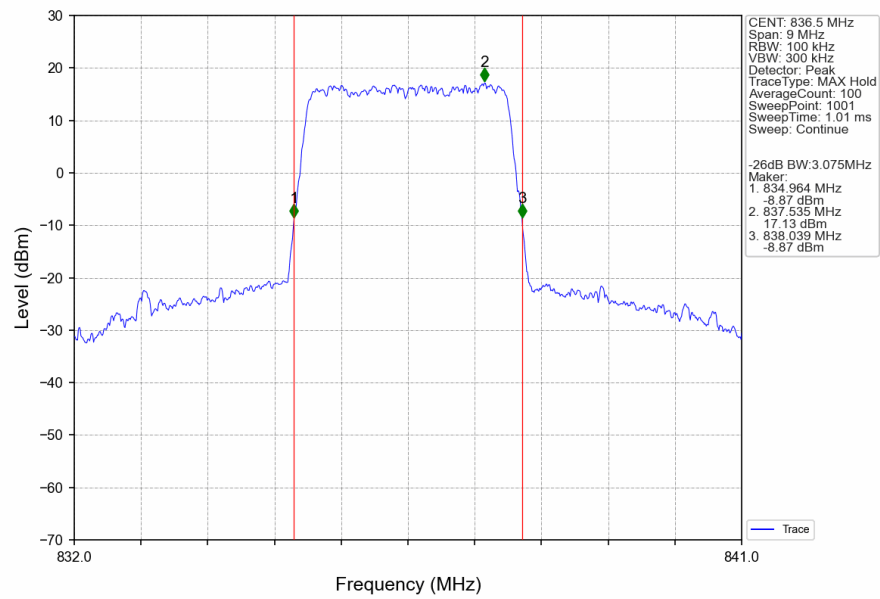
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



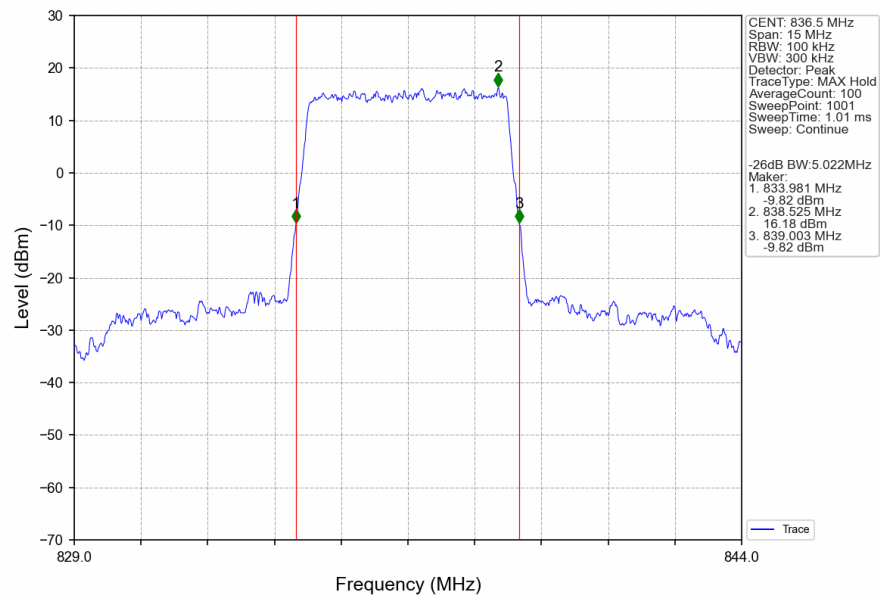
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



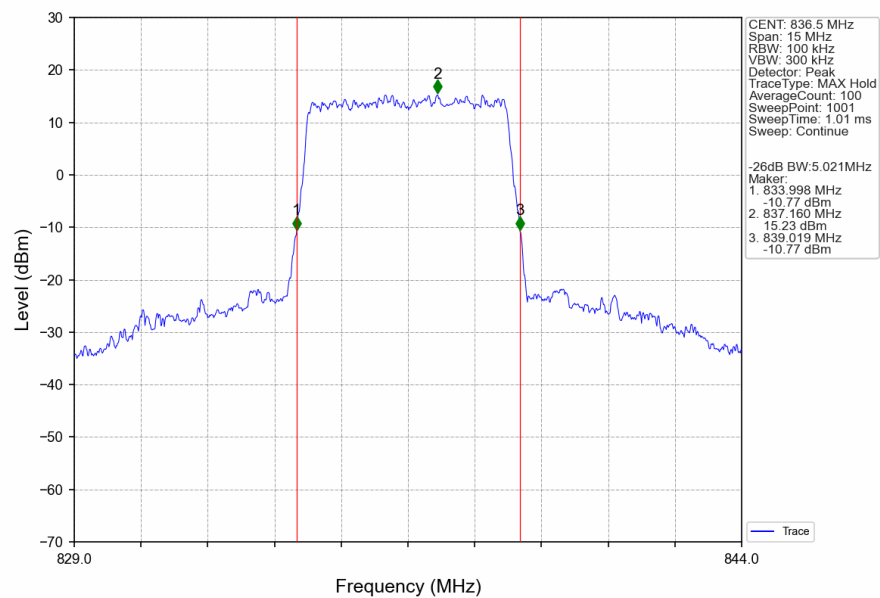
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



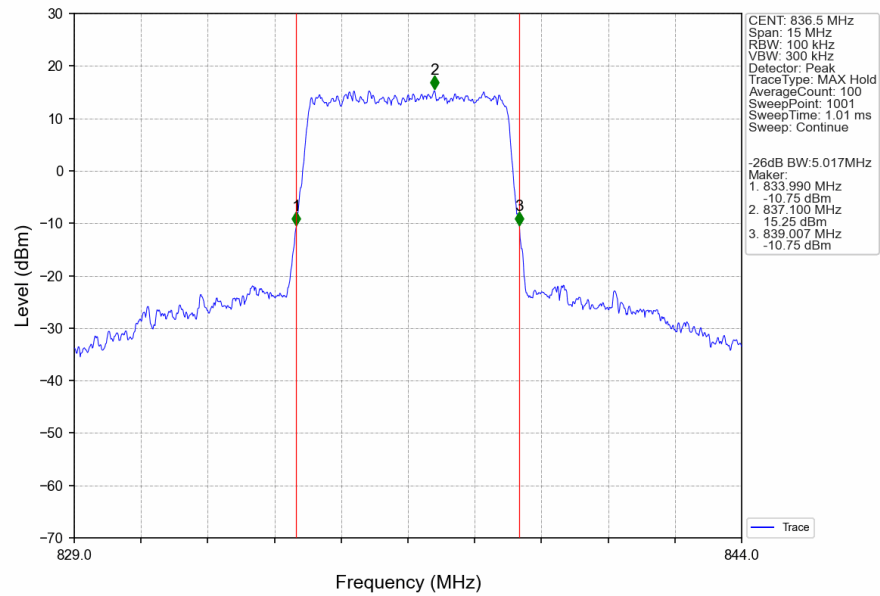
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



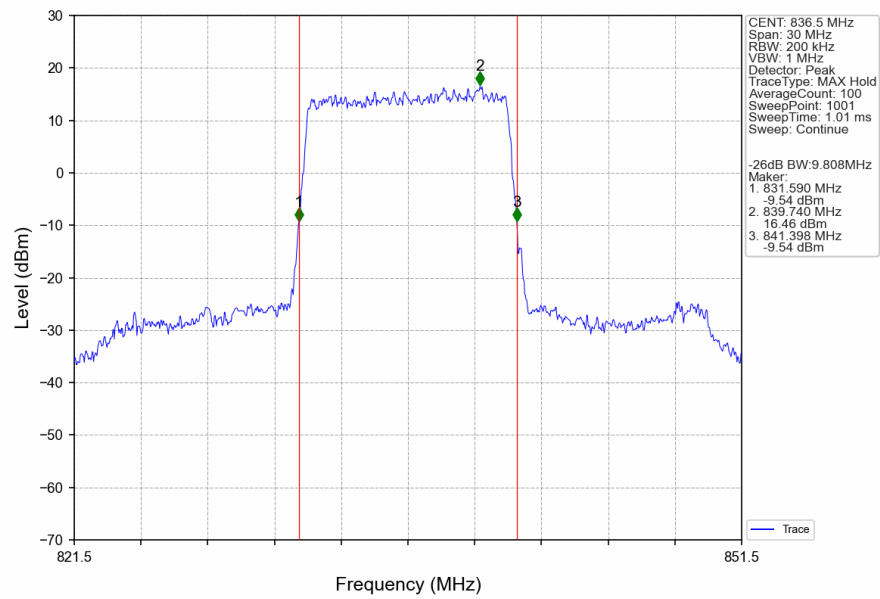
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



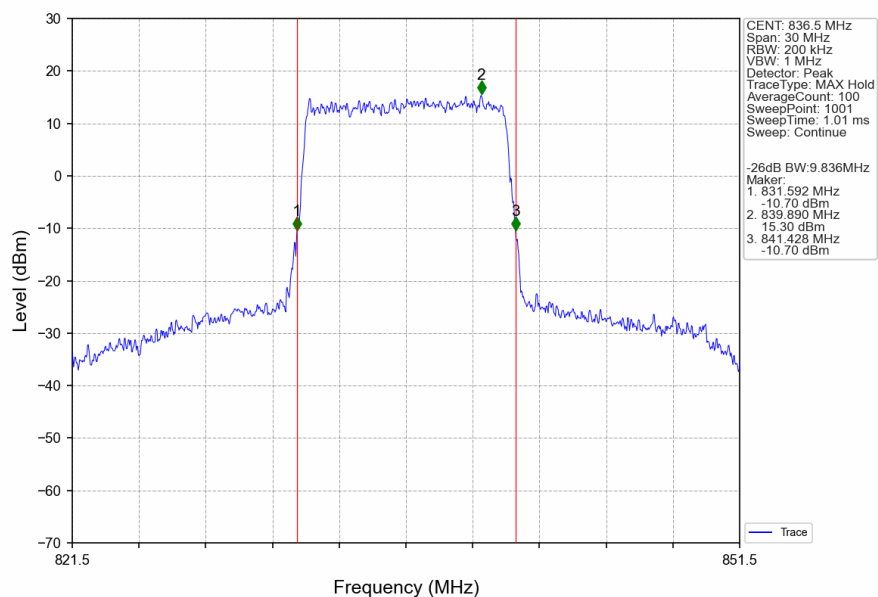
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



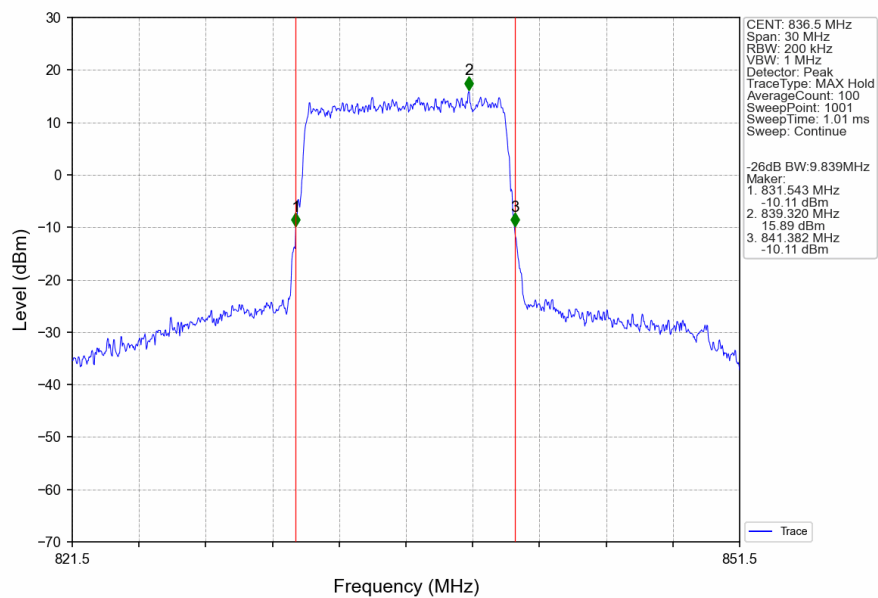
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

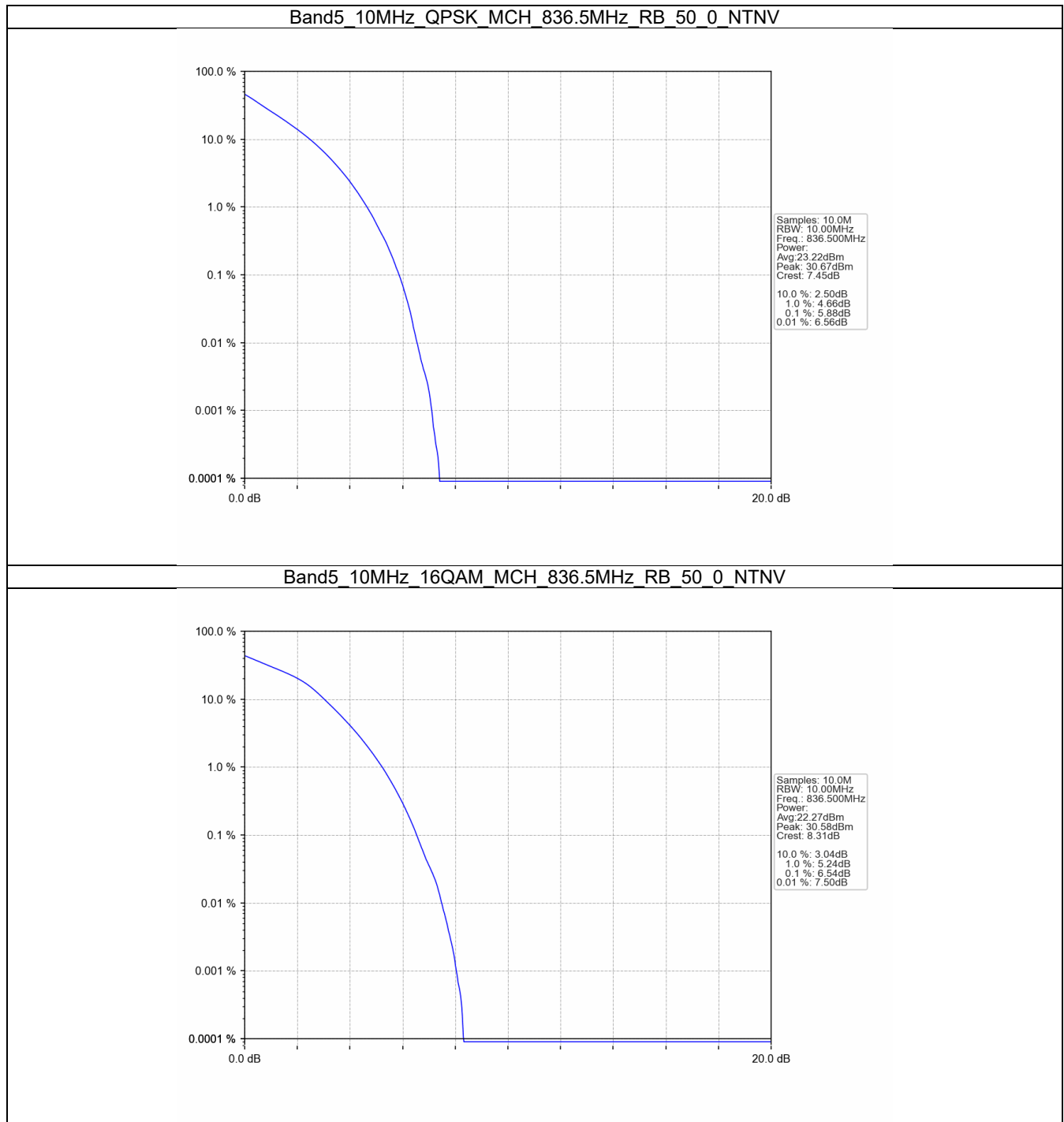
4.1 Test Result

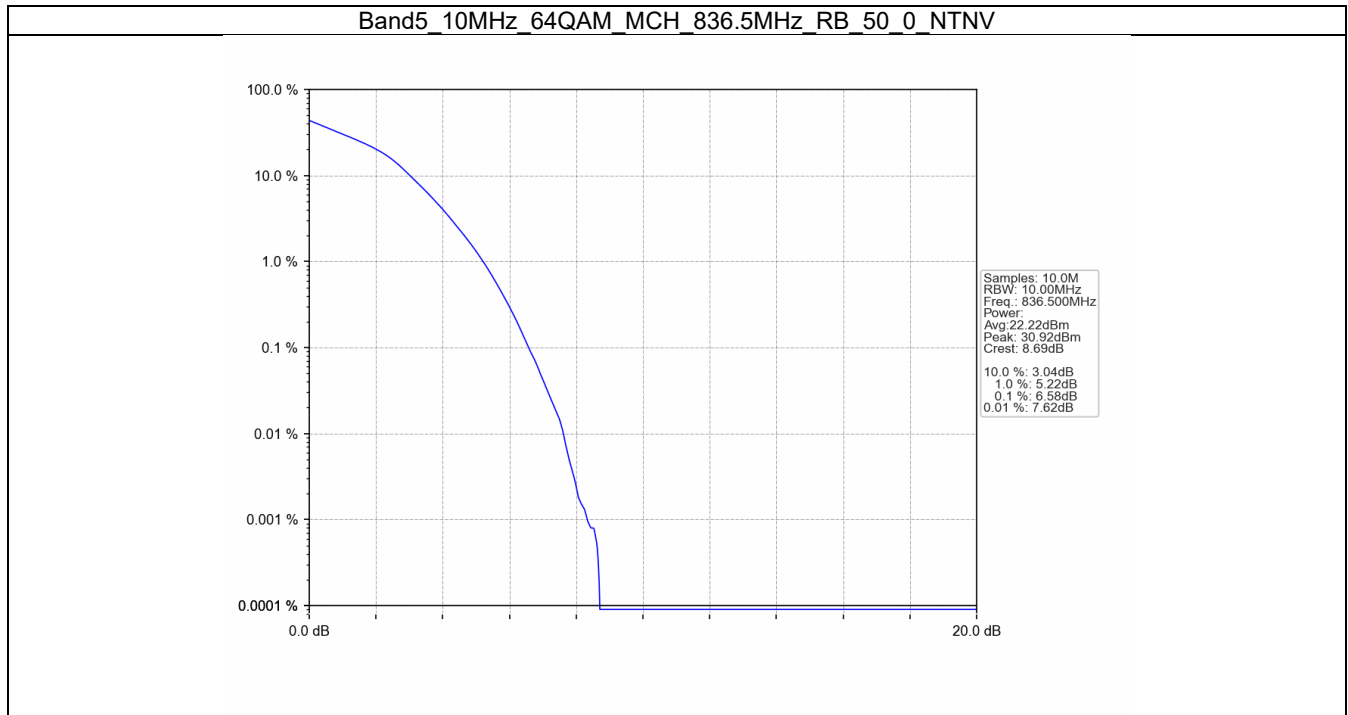
4.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.88	<=13	Pass
16QAM	836.5	50	0	6.54	<=13	Pass
64QAM	836.5	50	0	6.58	<=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 / NTV						
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	
	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

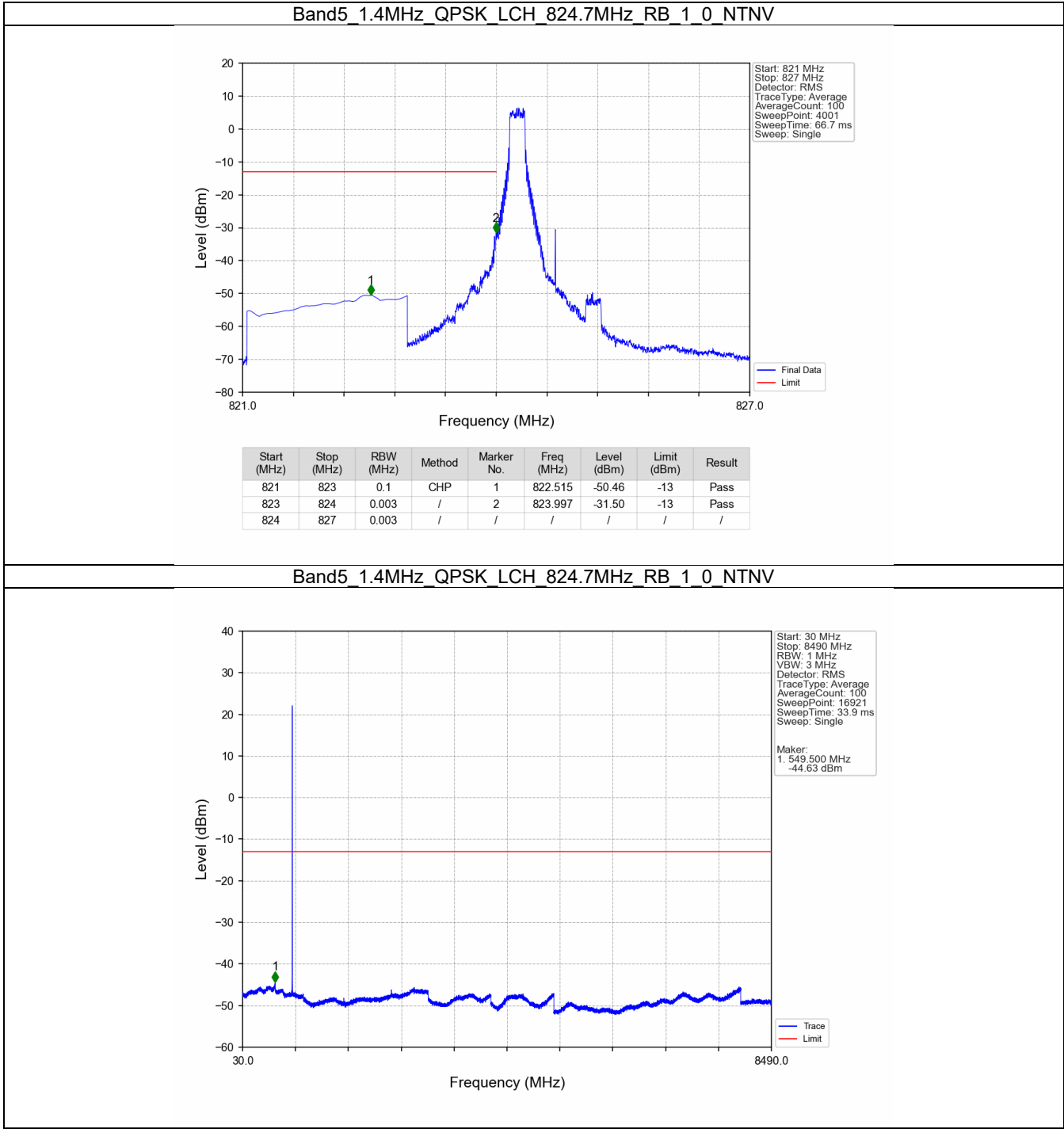
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

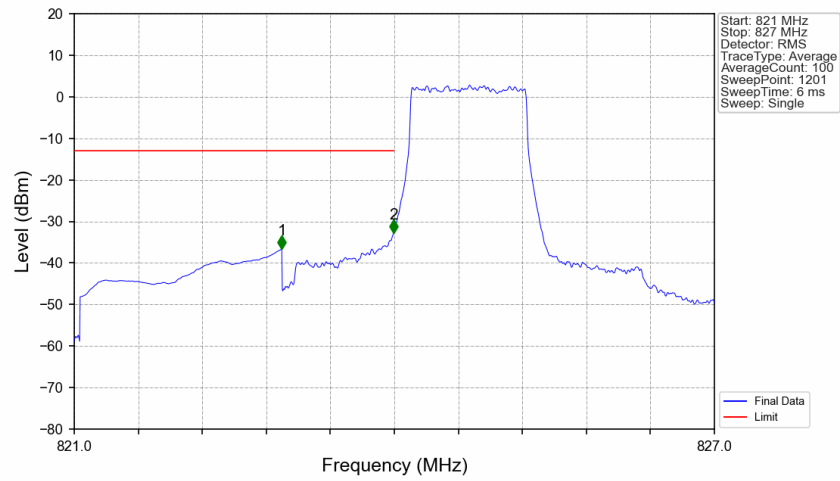
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

5.2.1 B5_1.4MHz

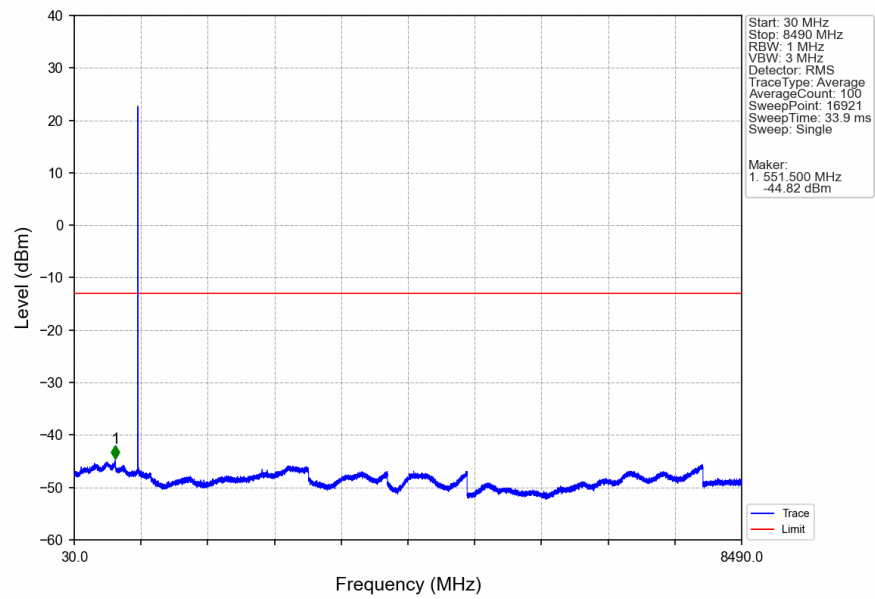


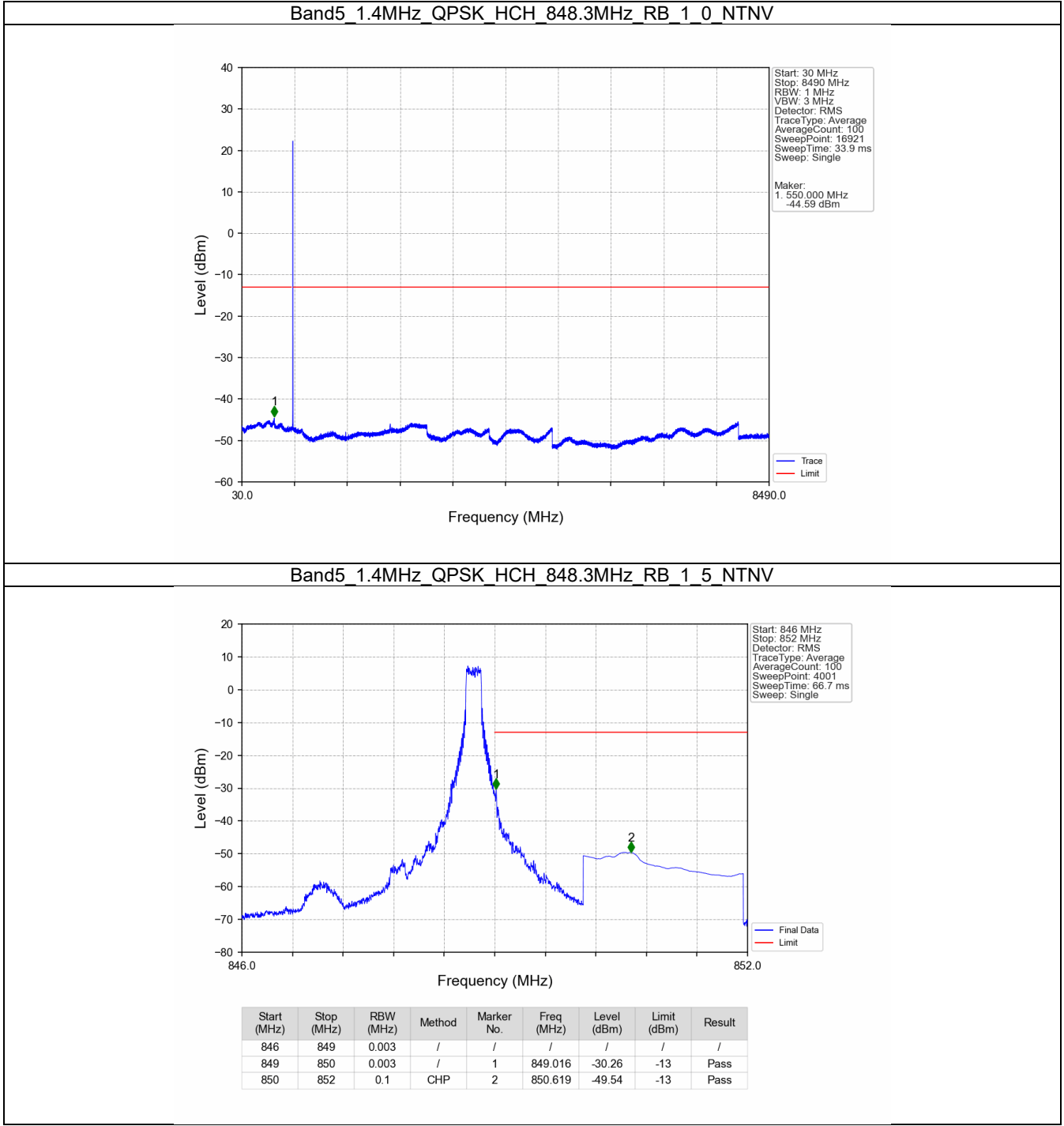
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



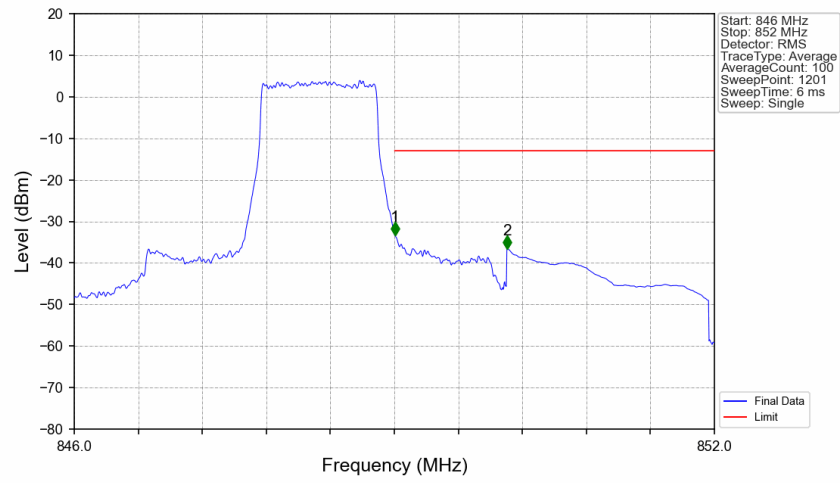
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-36.66	-13	Pass
823	824	0.013	CHP	2	823.995	-32.72	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV





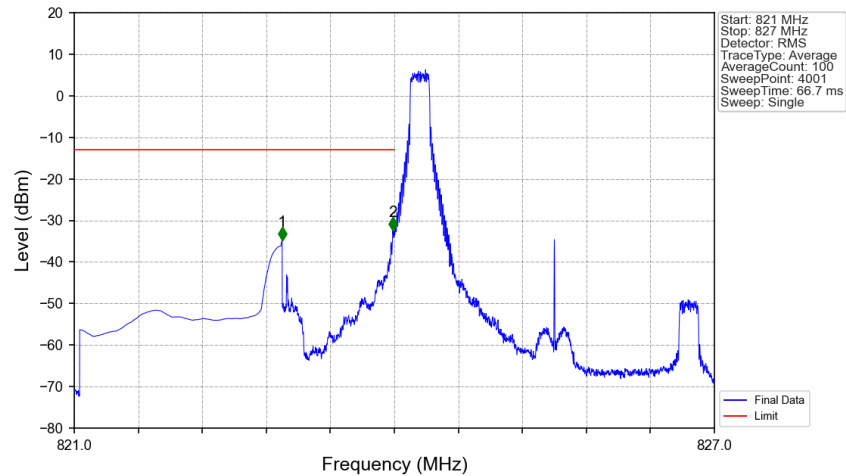
Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



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	-33.39	-13	Pass
850	852	0.1	CHP	2	850.055	-36.61	-13	Pass

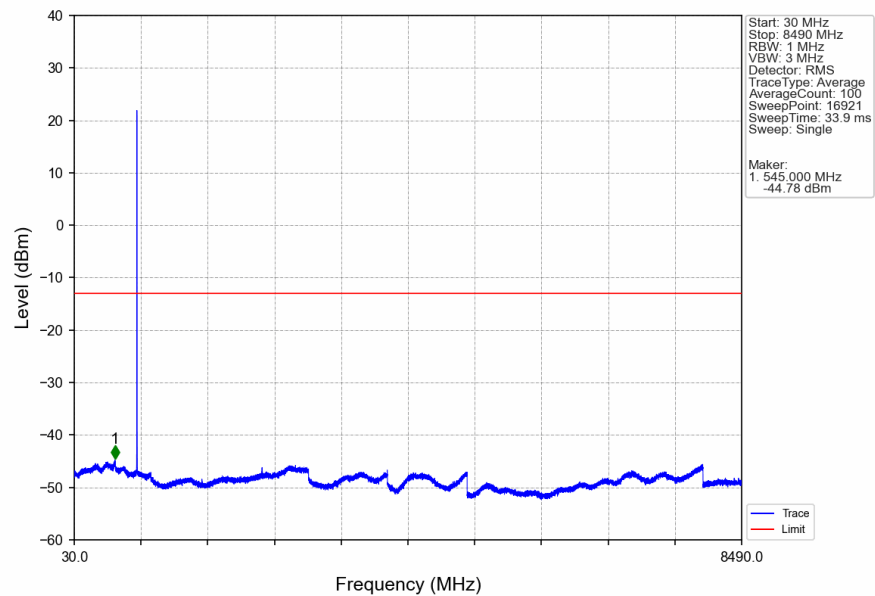
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

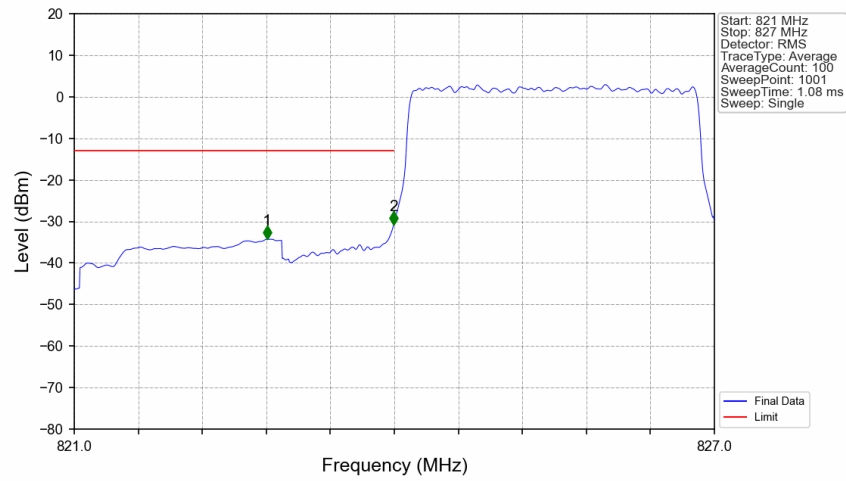


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-34.69	-13	Pass
823	824	0.003	/	2	823.986	-32.44	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

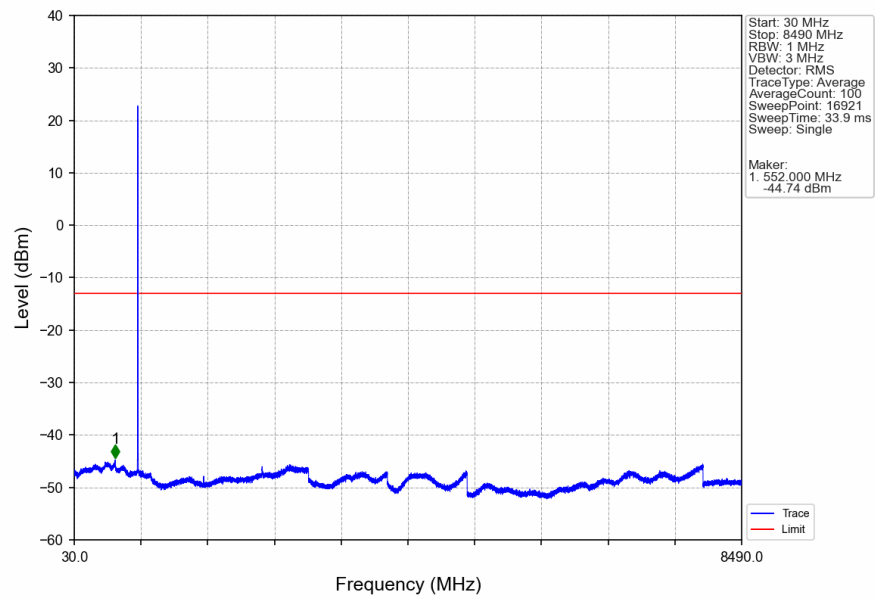


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

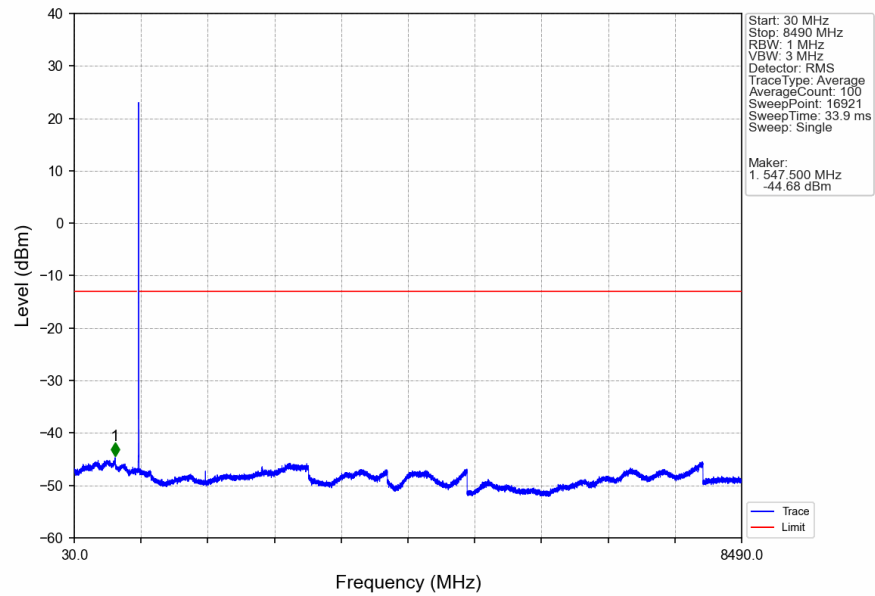


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.806	-34.30	-13	Pass
823	824	0.031	CHP	2	823.994	-30.74	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

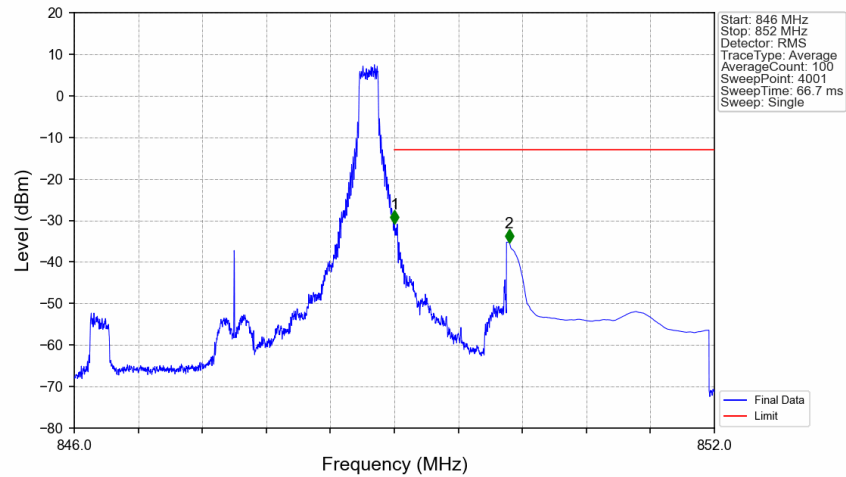
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

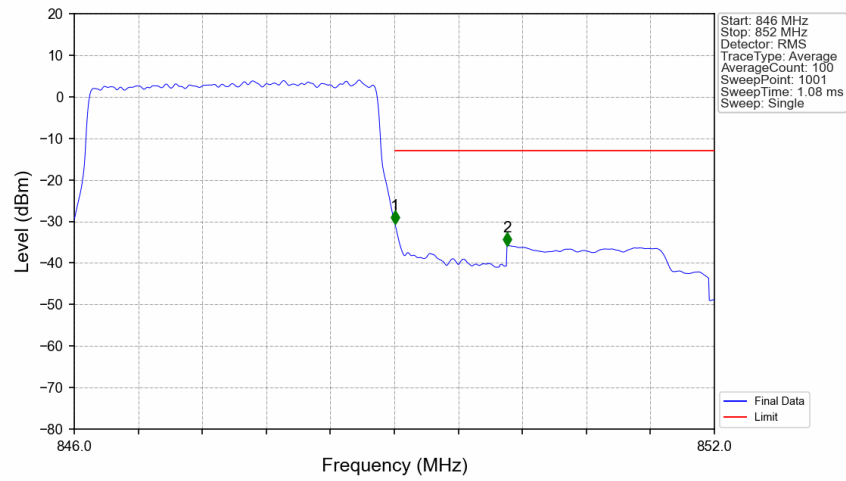


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



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	849.001	-30.67	-13	Pass
850	852	0.1	CHP	2	850.076	-35.23	-13	Pass

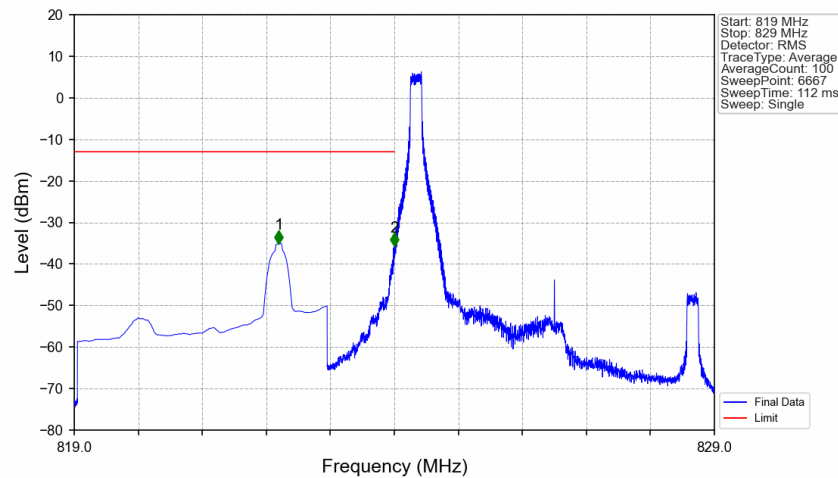
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



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	-30.59	-13	Pass
850	852	0.1	CHP	2	850.056	-35.81	-13	Pass

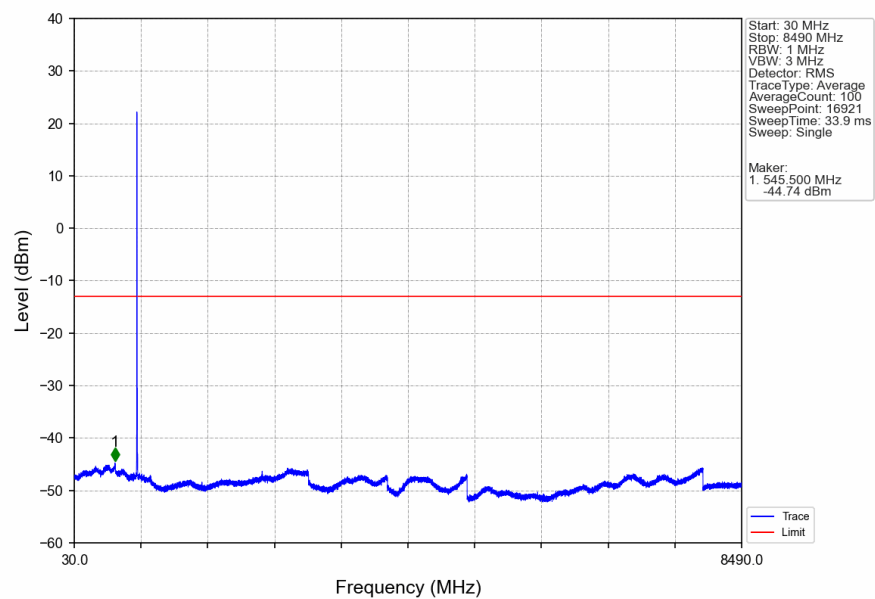
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

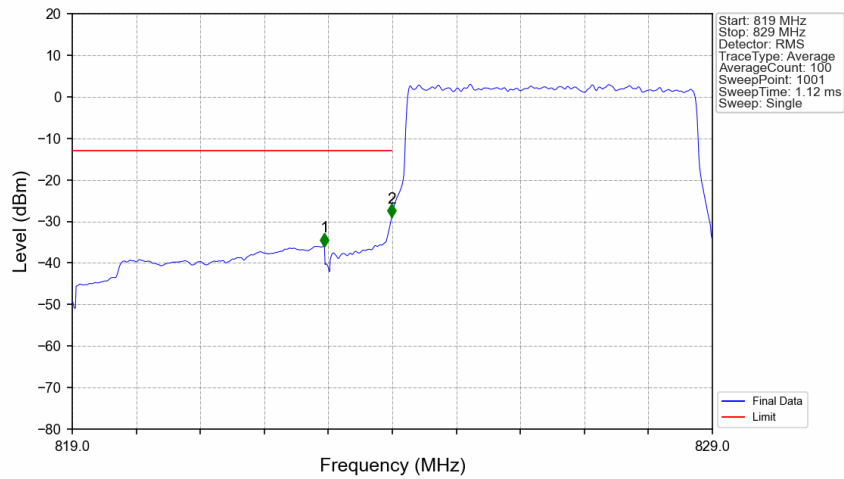


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.197	-35.05	-13	Pass
823	824	0.003	/	2	823.997	-35.61	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

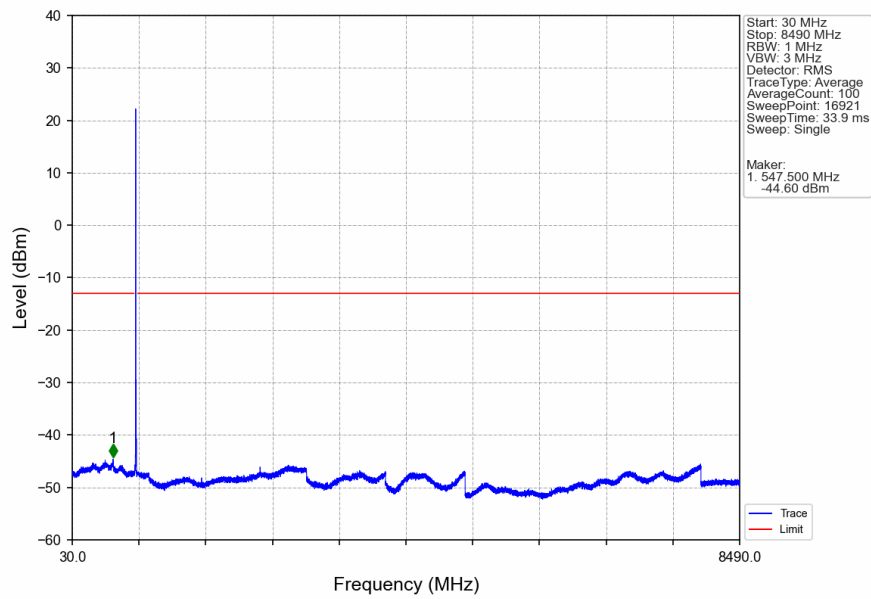


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

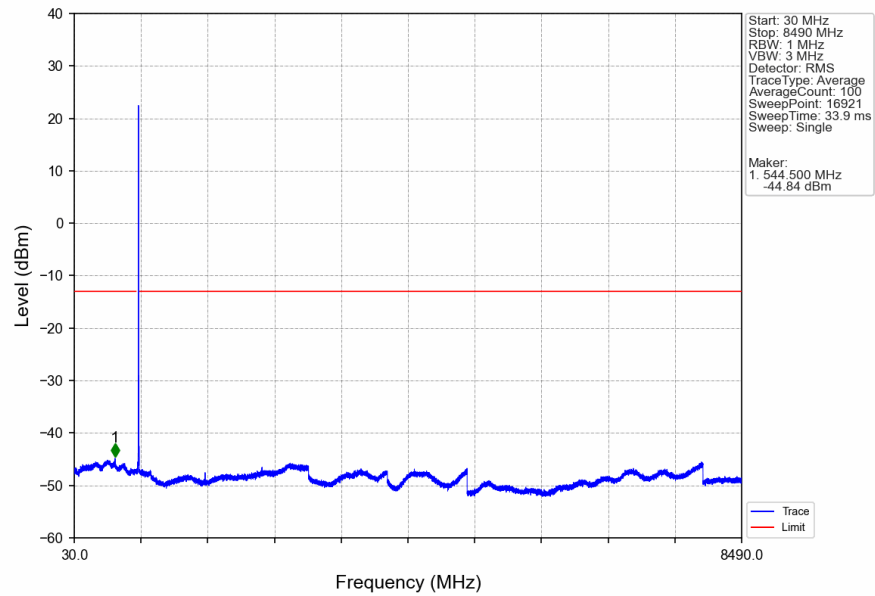


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-35.96	-13	Pass
823	824	0.05	CHP	2	823.990	-28.96	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

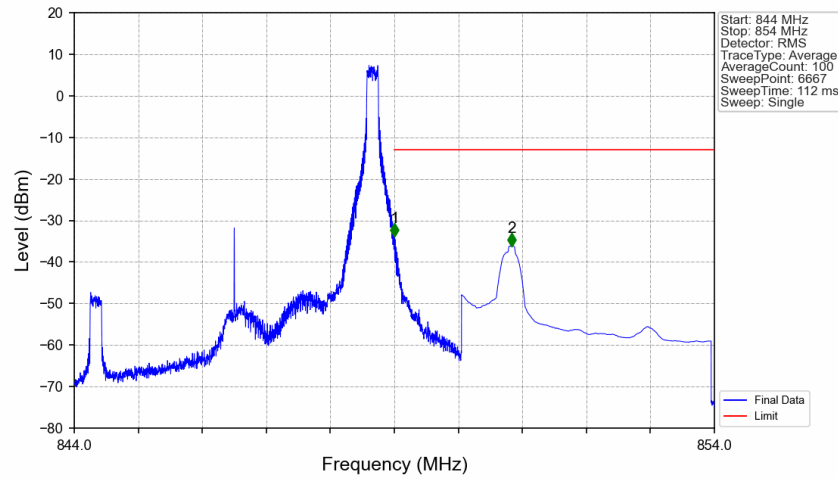
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

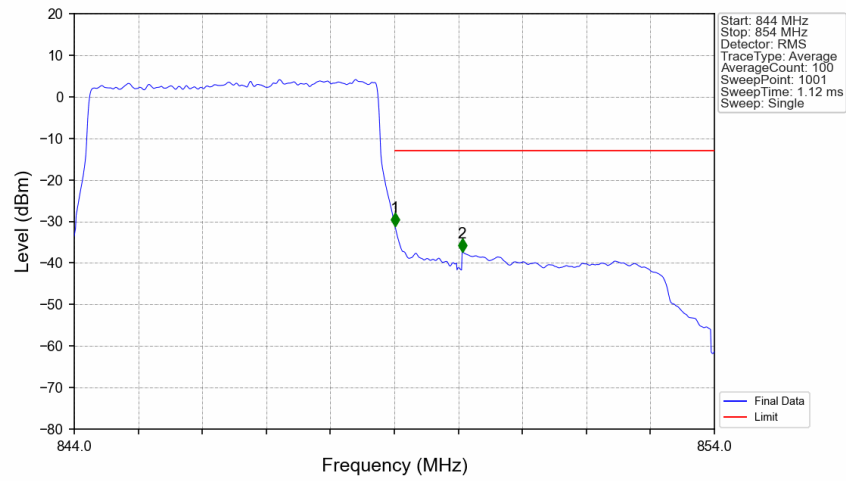


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



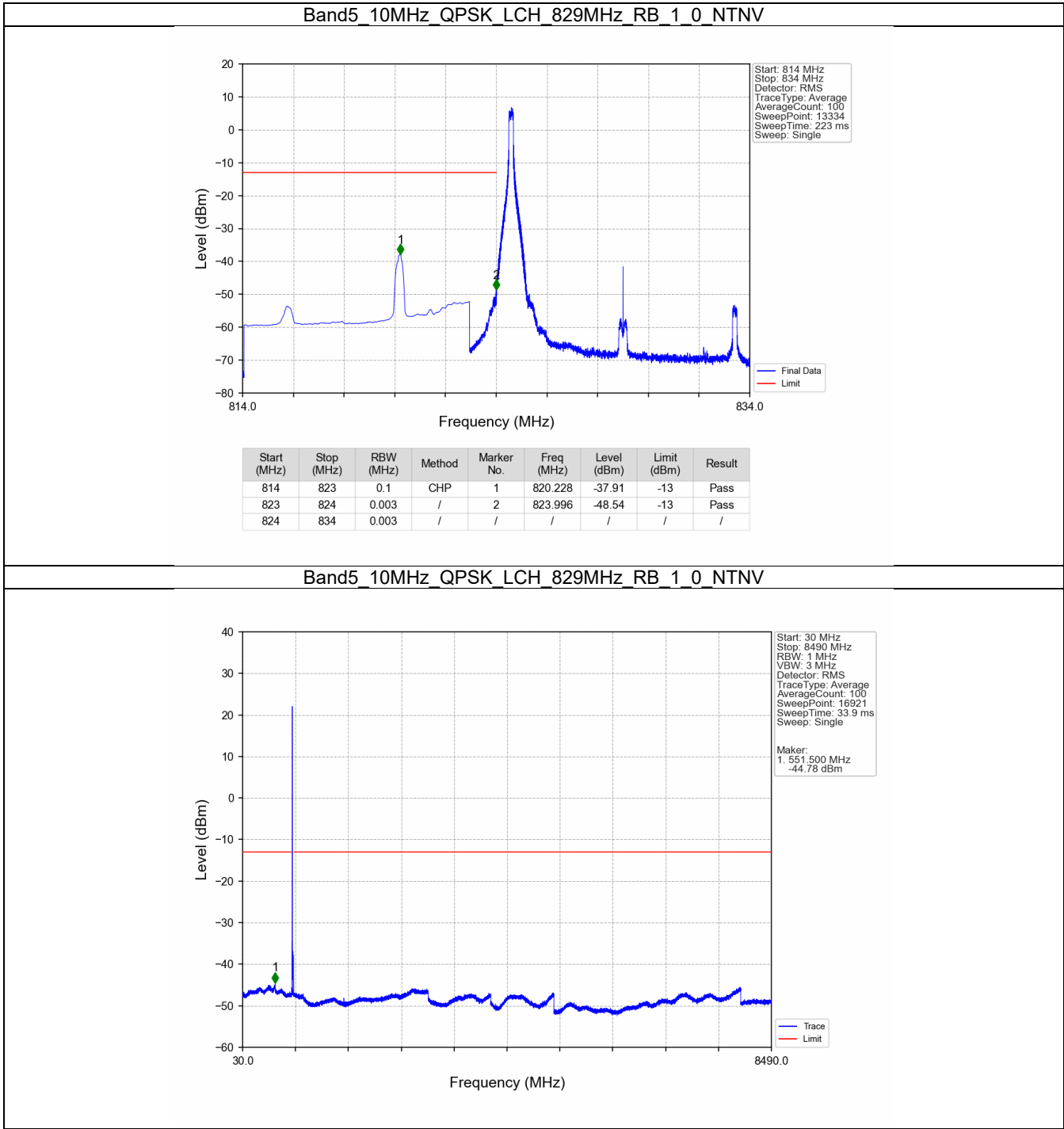
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-33.81	-13	Pass
850	854	0.1	CHP	2	850.830	-36.17	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

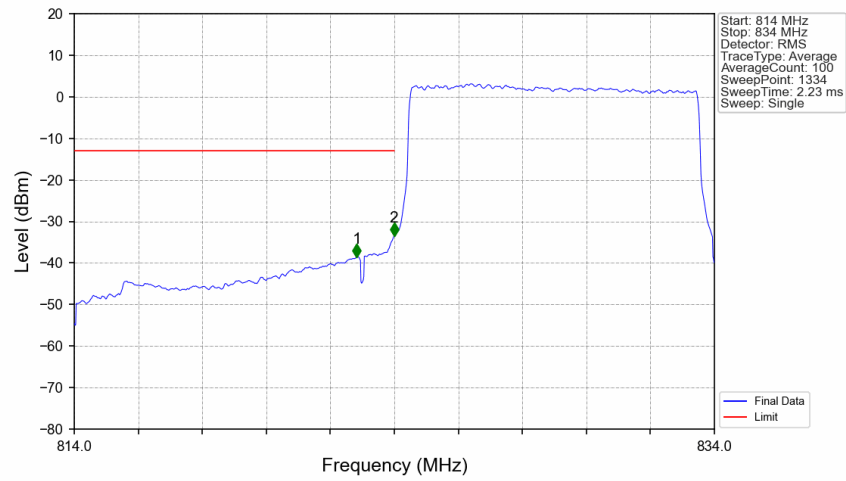


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-31.13	-13	Pass
850	854	0.1	CHP	2	850.060	-37.34	-13	Pass

5.2.4 B5_10MHz

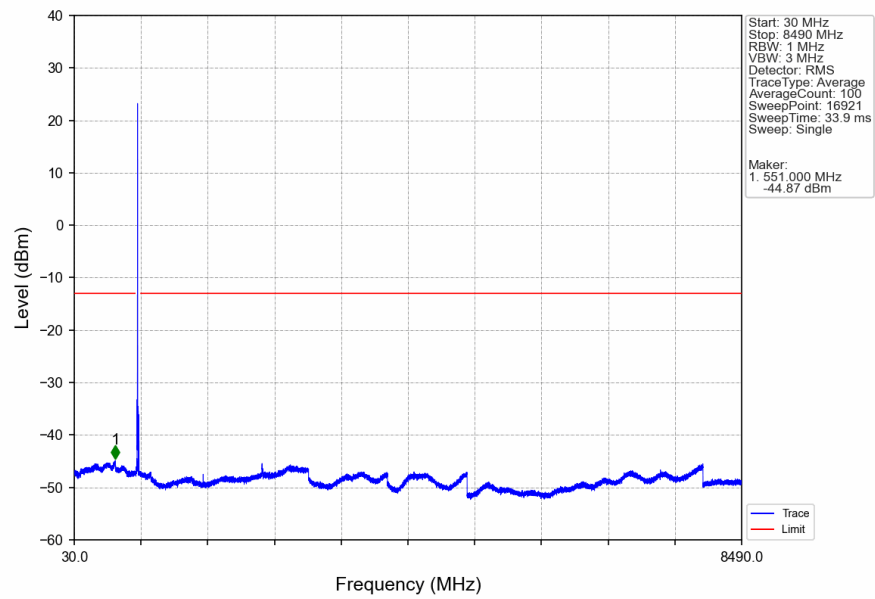


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

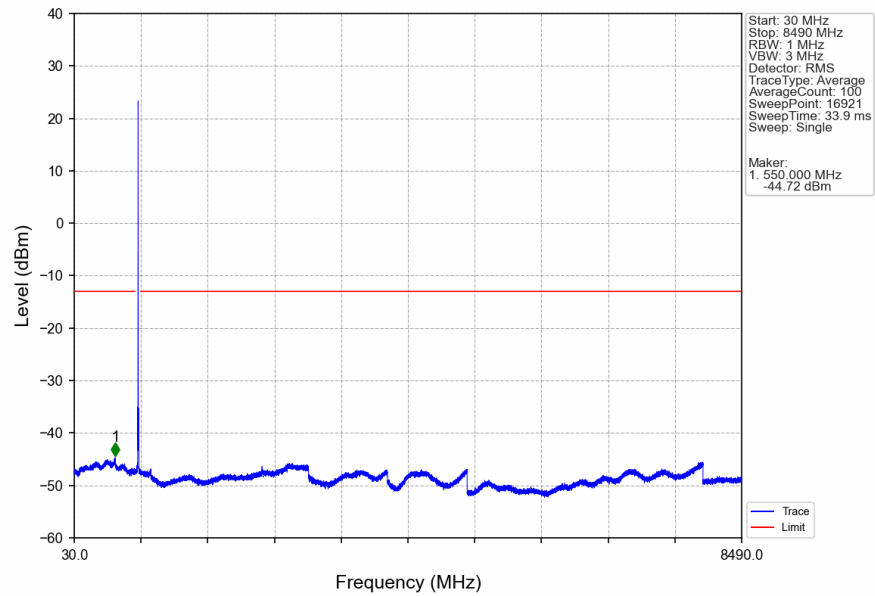


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.822	-38.55	-13	Pass
823	824	0.098	CHP	2	823.992	-33.49	-13	Pass
824	834	0.098	CHP	/	/	/	/	/

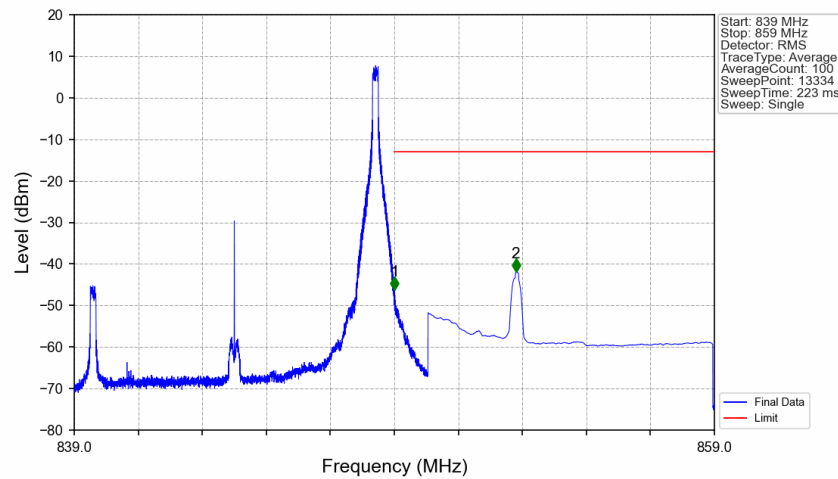
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



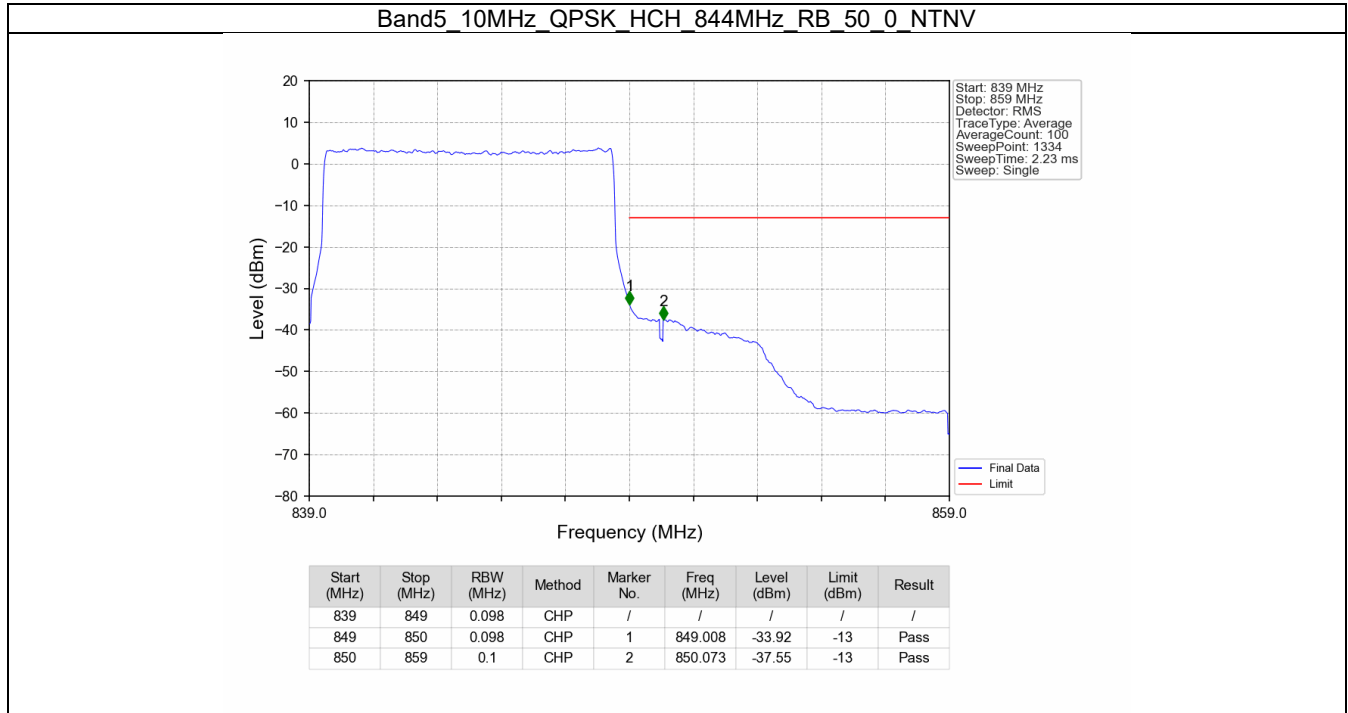
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



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	-46.17	-13	Pass
850	859	0.1	CHP	2	852.794	-41.91	-13	Pass



---End of Attachment---