

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	20.08	-3.07	14.86	<=38.45	Pass
			2	20.15	-3.07	14.93	<=38.45	Pass
			5	20.08	-3.07	14.86	<=38.45	Pass
		3	0	20.17	-3.07	14.95	<=38.45	Pass
			2	20.12	-3.07	14.90	<=38.45	Pass
			3	20.12	-3.07	14.90	<=38.45	Pass
		6	0	19.25	-3.07	14.03	<=38.45	Pass
	836.5	1	0	20.34	-3.07	15.12	<=38.45	Pass
			2	20.42	-3.07	15.20	<=38.45	Pass
			5	20.32	-3.07	15.10	<=38.45	Pass
		3	0	20.42	-3.07	15.20	<=38.45	Pass
			2	20.42	-3.07	15.20	<=38.45	Pass
			3	20.41	-3.07	15.19	<=38.45	Pass
		6	0	19.48	-3.07	14.26	<=38.45	Pass
	848.3	1	0	20.14	-3.07	14.92	<=38.45	Pass
			2	20.20	-3.07	14.98	<=38.45	Pass
			5	20.19	-3.07	14.97	<=38.45	Pass
		3	0	20.21	-3.07	14.99	<=38.45	Pass
			2	20.26	-3.07	15.04	<=38.45	Pass
			3	20.29	-3.07	15.07	<=38.45	Pass
		6	0	19.31	-3.07	14.09	<=38.45	Pass
16QAM	824.7	1	0	19.40	-3.07	14.18	<=38.45	Pass
			2	19.47	-3.07	14.25	<=38.45	Pass
			5	19.36	-3.07	14.14	<=38.45	Pass
		3	0	19.19	-3.07	13.97	<=38.45	Pass
			2	19.13	-3.07	13.91	<=38.45	Pass
			3	19.10	-3.07	13.88	<=38.45	Pass
		6	0	18.33	-3.07	13.11	<=38.45	Pass
	836.5	1	0	19.61	-3.07	14.39	<=38.45	Pass
			2	19.61	-3.07	14.39	<=38.45	Pass
			5	19.42	-3.07	14.20	<=38.45	Pass
		3	0	19.36	-3.07	14.14	<=38.45	Pass
			2	19.47	-3.07	14.25	<=38.45	Pass
			3	19.44	-3.07	14.22	<=38.45	Pass
		6	0	18.63	-3.07	13.41	<=38.45	Pass
	848.3	1	0	19.39	-3.07	14.17	<=38.45	Pass
			2	19.49	-3.07	14.27	<=38.45	Pass
			5	19.50	-3.07	14.28	<=38.45	Pass
		3	0	19.19	-3.07	13.97	<=38.45	Pass
			2	19.30	-3.07	14.08	<=38.45	Pass
			3	19.32	-3.07	14.10	<=38.45	Pass
		6	0	18.40	-3.07	13.18	<=38.45	Pass
64QAM	824.7	1	0	18.37	-3.07	13.15	<=38.45	Pass
			2	17.90	-3.07	12.68	<=38.45	Pass
			5	18.23	-3.07	13.01	<=38.45	Pass
		3	0	18.34	-3.07	13.12	<=38.45	Pass

			2	18.34	-3.07	13.12	<=38.45	Pass
			3	18.26	-3.07	13.04	<=38.45	Pass
		6	0	17.27	-3.07	12.05	<=38.45	Pass
		836.5	0	18.48	-3.07	13.26	<=38.45	Pass
			2	18.29	-3.07	13.07	<=38.45	Pass
			5	18.48	-3.07	13.26	<=38.45	Pass
		3	0	18.57	-3.07	13.35	<=38.45	Pass
			2	18.61	-3.07	13.39	<=38.45	Pass
			3	18.59	-3.07	13.37	<=38.45	Pass
		6	0	17.39	-3.07	12.17	<=38.45	Pass
	848.3	1	0	18.23	-3.07	13.01	<=38.45	Pass
			2	18.55	-3.07	13.33	<=38.45	Pass
			5	18.44	-3.07	13.22	<=38.45	Pass
		3	0	18.42	-3.07	13.20	<=38.45	Pass
			2	18.36	-3.07	13.14	<=38.45	Pass
			3	18.46	-3.07	13.24	<=38.45	Pass
		6	0	17.39	-3.07	12.17	<=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	19.97	-3.07	14.75	<=38.45	Pass
			7	19.99	-3.07	14.77	<=38.45	Pass
			14	19.74	-3.07	14.52	<=38.45	Pass
		8	0	19.03	-3.07	13.81	<=38.45	Pass
			4	18.97	-3.07	13.75	<=38.45	Pass
			7	18.93	-3.07	13.71	<=38.45	Pass
		15	0	19.09	-3.07	13.87	<=38.45	Pass
	836.5	1	0	20.03	-3.07	14.81	<=38.45	Pass
			7	20.39	-3.07	15.17	<=38.45	Pass
			14	20.16	-3.07	14.94	<=38.45	Pass
		8	0	19.40	-3.07	14.18	<=38.45	Pass
			4	19.19	-3.07	13.97	<=38.45	Pass
			7	19.29	-3.07	14.07	<=38.45	Pass
		15	0	19.40	-3.07	14.18	<=38.45	Pass
	847.5	1	0	19.88	-3.07	14.66	<=38.45	Pass
			7	20.12	-3.07	14.90	<=38.45	Pass
			14	20.11	-3.07	14.89	<=38.45	Pass
		8	0	19.14	-3.07	13.92	<=38.45	Pass
			4	19.26	-3.07	14.04	<=38.45	Pass
			7	19.25	-3.07	14.03	<=38.45	Pass
		15	0	19.06	-3.07	13.84	<=38.45	Pass
16QAM	825.5	1	0	19.22	-3.07	14.00	<=38.45	Pass
			7	19.24	-3.07	14.02	<=38.45	Pass
			14	18.95	-3.07	13.73	<=38.45	Pass
		8	0	18.16	-3.07	12.94	<=38.45	Pass
			4	18.10	-3.07	12.88	<=38.45	Pass
			7	18.03	-3.07	12.81	<=38.45	Pass
		15	0	18.05	-3.07	12.83	<=38.45	Pass
	836.5	1	0	19.42	-3.07	14.20	<=38.45	Pass
			7	19.65	-3.07	14.43	<=38.45	Pass

64QAM		8	14	19.42	-3.07	14.20	<=38.45	Pass
			0	18.36	-3.07	13.14	<=38.45	Pass
			4	18.56	-3.07	13.34	<=38.45	Pass
			7	18.48	-3.07	13.26	<=38.45	Pass
	847.5	15	0	18.42	-3.07	13.20	<=38.45	Pass
			0	19.16	-3.07	13.94	<=38.45	Pass
			7	19.28	-3.07	14.06	<=38.45	Pass
		8	14	19.46	-3.07	14.24	<=38.45	Pass
			0	18.20	-3.07	12.98	<=38.45	Pass
			4	18.32	-3.07	13.10	<=38.45	Pass
			7	18.27	-3.07	13.05	<=38.45	Pass
		15	0	18.13	-3.07	12.91	<=38.45	Pass
			0	18.23	-3.07	13.01	<=38.45	Pass
			7	18.25	-3.07	13.03	<=38.45	Pass
		8	14	18.01	-3.07	12.79	<=38.45	Pass
			0	17.26	-3.07	12.04	<=38.45	Pass
			4	17.17	-3.07	11.95	<=38.45	Pass
			7	17.10	-3.07	11.88	<=38.45	Pass
		15	0	17.14	-3.07	11.92	<=38.45	Pass
64QAM	825.5	1	0	18.34	-3.07	13.12	<=38.45	Pass
			7	18.53	-3.07	13.31	<=38.45	Pass
			14	18.40	-3.07	13.18	<=38.45	Pass
		8	0	17.35	-3.07	12.13	<=38.45	Pass
			4	17.50	-3.07	12.28	<=38.45	Pass
			7	17.32	-3.07	12.10	<=38.45	Pass
		15	0	17.39	-3.07	12.17	<=38.45	Pass
			0	18.15	-3.07	12.93	<=38.45	Pass
			7	18.42	-3.07	13.20	<=38.45	Pass
		8	14	18.42	-3.07	13.20	<=38.45	Pass
			0	17.23	-3.07	12.01	<=38.45	Pass
			4	17.40	-3.07	12.18	<=38.45	Pass
	836.5	1	7	17.35	-3.07	12.13	<=38.45	Pass
			0	17.30	-3.07	12.08	<=38.45	Pass
			0	18.15	-3.07	12.93	<=38.45	Pass
		8	7	18.42	-3.07	13.20	<=38.45	Pass
			14	18.42	-3.07	13.20	<=38.45	Pass
			0	17.23	-3.07	12.01	<=38.45	Pass
		15	4	17.40	-3.07	12.18	<=38.45	Pass
			7	17.35	-3.07	12.13	<=38.45	Pass
			0	17.30	-3.07	12.08	<=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	20.24	-3.07	15.02	<=38.45	Pass
			13	20.14	-3.07	14.92	<=38.45	Pass
			24	19.92	-3.07	14.70	<=38.45	Pass
		12	0	19.23	-3.07	14.01	<=38.45	Pass
			6	19.13	-3.07	13.91	<=38.45	Pass
			13	18.97	-3.07	13.75	<=38.45	Pass
		25	0	19.11	-3.07	13.89	<=38.45	Pass
			0	20.39	-3.07	15.17	<=38.45	Pass
			13	20.62	-3.07	15.40	<=38.45	Pass
	836.5	1	24	20.34	-3.07	15.12	<=38.45	Pass
			0	19.38	-3.07	14.16	<=38.45	Pass
			6	19.50	-3.07	14.28	<=38.45	Pass
		12	13	19.48	-3.07	14.26	<=38.45	Pass
			0	19.41	-3.07	14.19	<=38.45	Pass

	846.5	1	0	19.98	-3.07	14.76	<=38.45	Pass		
			13	20.35	-3.07	15.13	<=38.45	Pass		
			24	20.36	-3.07	15.14	<=38.45	Pass		
		12	0	19.12	-3.07	13.90	<=38.45	Pass		
			6	19.25	-3.07	14.03	<=38.45	Pass		
			13	19.47	-3.07	14.25	<=38.45	Pass		
		25	0	19.31	-3.07	14.09	<=38.45	Pass		
		16QAM	826.5	1	0	19.48	-3.07	14.26	<=38.45	Pass
					13	19.35	-3.07	14.13	<=38.45	Pass
24	19.23				-3.07	14.01	<=38.45	Pass		
12	0			18.17	-3.07	12.95	<=38.45	Pass		
	6			18.17	-3.07	12.95	<=38.45	Pass		
	13			17.96	-3.07	12.74	<=38.45	Pass		
25	0			18.12	-3.07	12.90	<=38.45	Pass		
836.5	1			0	19.61	-3.07	14.39	<=38.45	Pass	
				13	19.77	-3.07	14.55	<=38.45	Pass	
			24	19.60	-3.07	14.38	<=38.45	Pass		
	12		0	18.34	-3.07	13.12	<=38.45	Pass		
			6	18.53	-3.07	13.31	<=38.45	Pass		
			13	18.43	-3.07	13.21	<=38.45	Pass		
	25		0	18.42	-3.07	13.20	<=38.45	Pass		
	846.5		1	0	19.26	-3.07	14.04	<=38.45	Pass	
				13	19.36	-3.07	14.14	<=38.45	Pass	
24				19.66	-3.07	14.44	<=38.45	Pass		
12			0	18.05	-3.07	12.83	<=38.45	Pass		
			6	18.28	-3.07	13.06	<=38.45	Pass		
			13	18.40	-3.07	13.18	<=38.45	Pass		
25			0	18.33	-3.07	13.11	<=38.45	Pass		
64QAM			826.5	1	0	18.34	-3.07	13.12	<=38.45	Pass
					13	18.25	-3.07	13.03	<=38.45	Pass
	24				18.06	-3.07	12.84	<=38.45	Pass	
	12			0	17.29	-3.07	12.07	<=38.45	Pass	
				6	17.17	-3.07	11.95	<=38.45	Pass	
				13	17.08	-3.07	11.86	<=38.45	Pass	
	25	0		17.21	-3.07	11.99	<=38.45	Pass		
	836.5	1		0	18.46	-3.07	13.24	<=38.45	Pass	
				13	18.66	-3.07	13.44	<=38.45	Pass	
			24	18.33	-3.07	13.11	<=38.45	Pass		
		12	0	17.39	-3.07	12.17	<=38.45	Pass		
			6	17.53	-3.07	12.31	<=38.45	Pass		
			13	17.45	-3.07	12.23	<=38.45	Pass		
		25	0	17.45	-3.07	12.23	<=38.45	Pass		
		846.5	1	0	18.10	-3.07	12.88	<=38.45	Pass	
				13	18.45	-3.07	13.23	<=38.45	Pass	
	24			18.49	-3.07	13.27	<=38.45	Pass		
	12		0	17.22	-3.07	12.00	<=38.45	Pass		
			6	17.35	-3.07	12.13	<=38.45	Pass		
			13	17.48	-3.07	12.26	<=38.45	Pass		
	25		0	17.38	-3.07	12.16	<=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	20.31	-3.07	15.09	<=38.45	Pass
			25	20.09	-3.07	14.87	<=38.45	Pass
			49	20.39	-3.07	15.17	<=38.45	Pass
		25	0	19.14	-3.07	13.92	<=38.45	Pass
			13	19.13	-3.07	13.91	<=38.45	Pass
			25	19.32	-3.07	14.10	<=38.45	Pass
		50	0	19.26	-3.07	14.04	<=38.45	Pass
	836.5	1	0	20.30	-3.07	15.08	<=38.45	Pass
			25	20.71	-3.07	15.49	<=38.45	Pass
			49	20.25	-3.07	15.03	<=38.45	Pass
		25	0	19.25	-3.07	14.03	<=38.45	Pass
			13	19.51	-3.07	14.29	<=38.45	Pass
			25	19.33	-3.07	14.11	<=38.45	Pass
		50	0	19.23	-3.07	14.01	<=38.45	Pass
	844	1	0	20.31	-3.07	15.09	<=38.45	Pass
			25	20.10	-3.07	14.88	<=38.45	Pass
			49	20.29	-3.07	15.07	<=38.45	Pass
		25	0	19.37	-3.07	14.15	<=38.45	Pass
			13	19.15	-3.07	13.93	<=38.45	Pass
			25	19.30	-3.07	14.08	<=38.45	Pass
		50	0	19.36	-3.07	14.14	<=38.45	Pass
16QAM	829	1	0	19.35	-3.07	14.13	<=38.45	Pass
			25	19.37	-3.07	14.15	<=38.45	Pass
			49	19.55	-3.07	14.33	<=38.45	Pass
		25	0	18.14	-3.07	12.92	<=38.45	Pass
			13	18.08	-3.07	12.86	<=38.45	Pass
			25	18.28	-3.07	13.06	<=38.45	Pass
		50	0	18.24	-3.07	13.02	<=38.45	Pass
	836.5	1	0	19.59	-3.07	14.37	<=38.45	Pass
			25	19.91	-3.07	14.69	<=38.45	Pass
			49	19.57	-3.07	14.35	<=38.45	Pass
		25	0	18.20	-3.07	12.98	<=38.45	Pass
			13	18.49	-3.07	13.27	<=38.45	Pass
			25	18.28	-3.07	13.06	<=38.45	Pass
		50	0	18.26	-3.07	13.04	<=38.45	Pass
	844	1	0	19.56	-3.07	14.34	<=38.45	Pass
			25	19.30	-3.07	14.08	<=38.45	Pass
			49	19.64	-3.07	14.42	<=38.45	Pass
		25	0	18.39	-3.07	13.17	<=38.45	Pass
			13	18.14	-3.07	12.92	<=38.45	Pass
			25	18.29	-3.07	13.07	<=38.45	Pass
		50	0	18.22	-3.07	13.00	<=38.45	Pass
64QAM	829	1	0	18.41	-3.07	13.19	<=38.45	Pass
			25	18.26	-3.07	13.04	<=38.45	Pass
			49	18.55	-3.07	13.33	<=38.45	Pass
		25	0	17.25	-3.07	12.03	<=38.45	Pass
			13	17.19	-3.07	11.97	<=38.45	Pass
			25	17.40	-3.07	12.18	<=38.45	Pass
		50	0	17.33	-3.07	12.11	<=38.45	Pass
	836.5	1	0	18.39	-3.07	13.17	<=38.45	Pass
			25	18.85	-3.07	13.63	<=38.45	Pass
			49	18.48	-3.07	13.26	<=38.45	Pass
		25	0	17.10	-3.07	11.88	<=38.45	Pass
			13	17.51	-3.07	12.29	<=38.45	Pass
			25	17.51	-3.07	12.29	<=38.45	Pass

			25	17.38	-3.07	12.16	<=38.45	Pass
		50	0	17.32	-3.07	12.10	<=38.45	Pass
	844	1	0	18.52	-3.07	13.30	<=38.45	Pass
			25	18.26	-3.07	13.04	<=38.45	Pass
			49	18.50	-3.07	13.28	<=38.45	Pass
		25	0	17.49	-3.07	12.27	<=38.45	Pass
			13	17.25	-3.07	12.03	<=38.45	Pass
			25	17.35	-3.07	12.13	<=38.45	Pass
		50	0	17.44	-3.07	12.22	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	LV	-1.700	-0.0020	-2.5 to 2.5	Pass
					NV	-2.800	-0.0033	-2.5 to 2.5	Pass
					HV	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-1.300	-0.0016	-2.5 to 2.5	Pass
				-20	NV	-0.500	-0.0006	-2.5 to 2.5	Pass
				-10	NV	-4.400	-0.0053	-2.5 to 2.5	Pass
				0	NV	-1.600	-0.0019	-2.5 to 2.5	Pass
				10	NV	-2.500	-0.0030	-2.5 to 2.5	Pass
				30	NV	-0.500	-0.0006	-2.5 to 2.5	Pass
				40	NV	-1.000	-0.0012	-2.5 to 2.5	Pass
				50	NV	1.600	0.0019	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

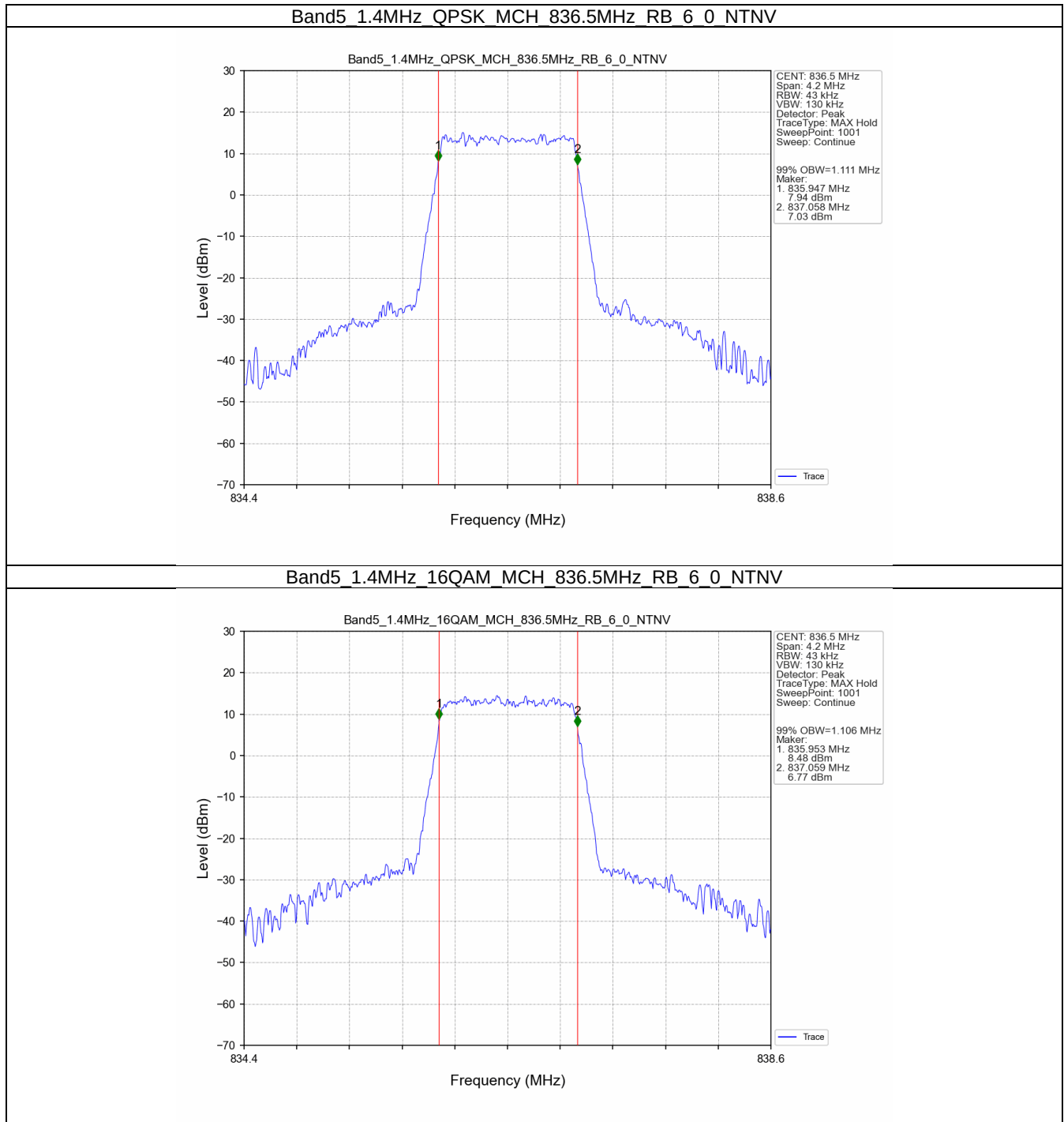
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.111	/	Pass
	16QAM	836.5	6	0	1.106	/	Pass
	64QAM	836.5	6	0	1.115	/	Pass
3	QPSK	836.5	15	0	2.710	/	Pass
	16QAM	836.5	15	0	2.718	/	Pass
	64QAM	836.5	15	0	2.719	/	Pass
5	QPSK	836.5	25	0	4.522	/	Pass
	16QAM	836.5	25	0	4.521	/	Pass
	64QAM	836.5	25	0	4.528	/	Pass
10	QPSK	836.5	50	0	9.012	/	Pass
	16QAM	836.5	50	0	8.991	/	Pass
	64QAM	836.5	50	0	9.016	/	Pass

3.1.2 Band5_XDB

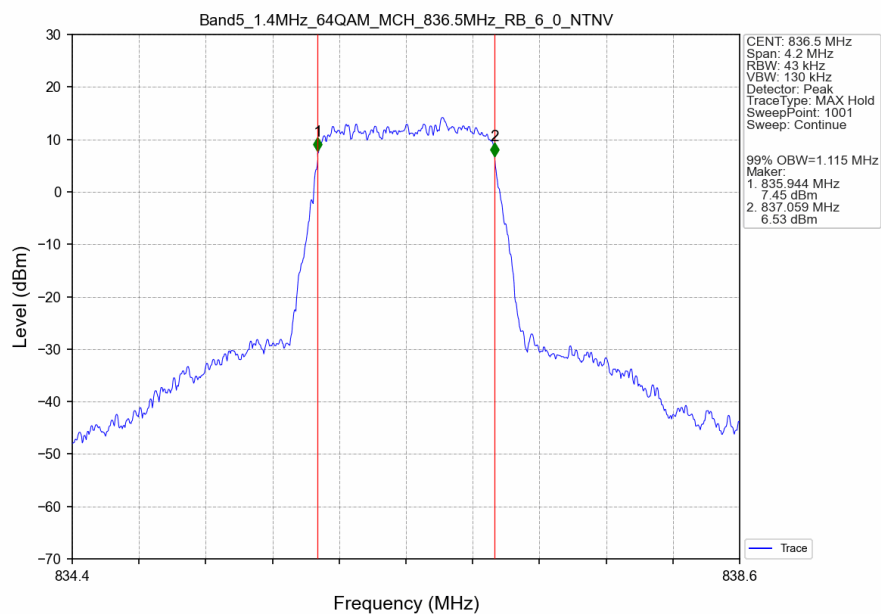
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.307	/	Pass
	16QAM	836.5	6	0	1.308	/	Pass
	64QAM	836.5	6	0	1.296	/	Pass
3	QPSK	836.5	15	0	3.033	/	Pass
	16QAM	836.5	15	0	3.021	/	Pass
	64QAM	836.5	15	0	3.016	/	Pass
5	QPSK	836.5	25	0	4.986	/	Pass
	16QAM	836.5	25	0	4.981	/	Pass
	64QAM	836.5	25	0	4.961	/	Pass
10	QPSK	836.5	50	0	10.074	/	Pass
	16QAM	836.5	50	0	9.790	/	Pass
	64QAM	836.5	50	0	9.825	/	Pass

3.2 Test Graph

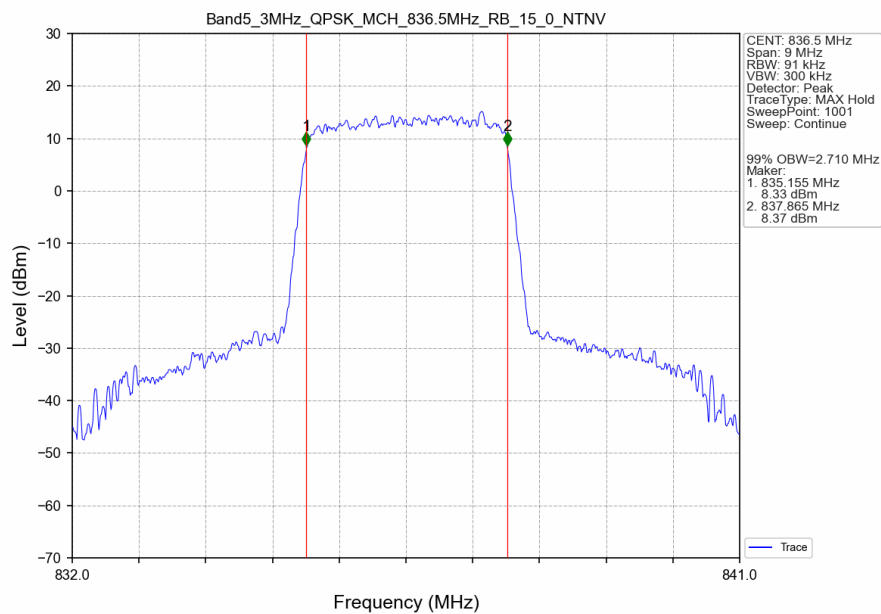
3.2.1 Band5_OBW



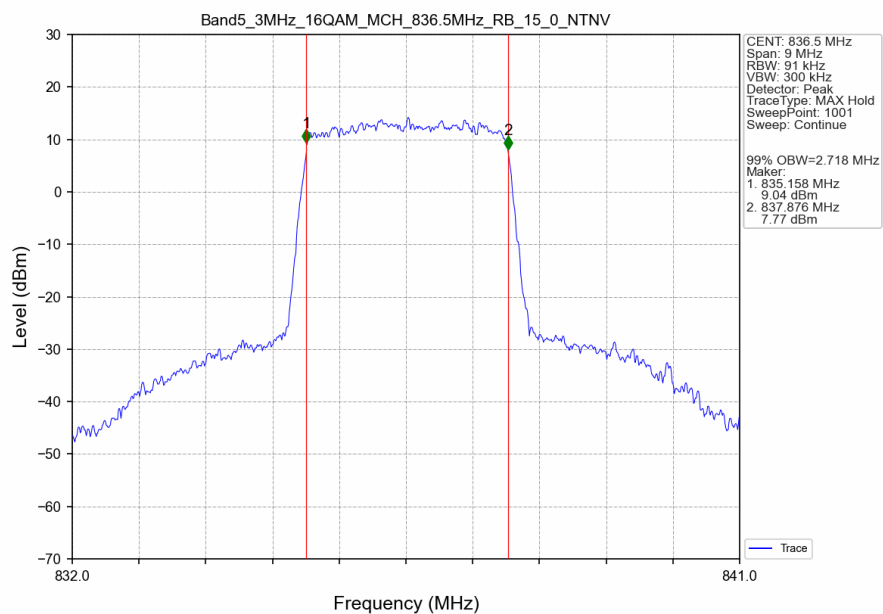
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



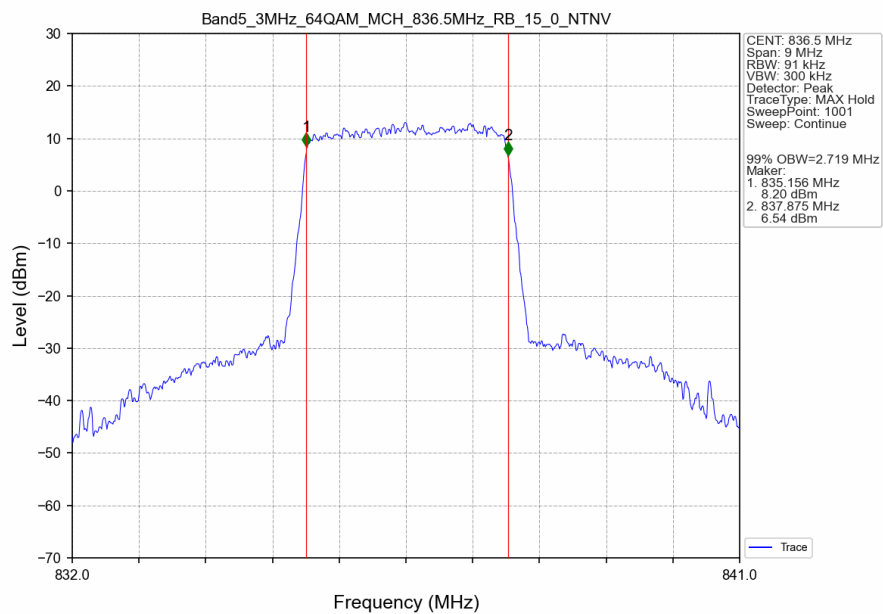
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



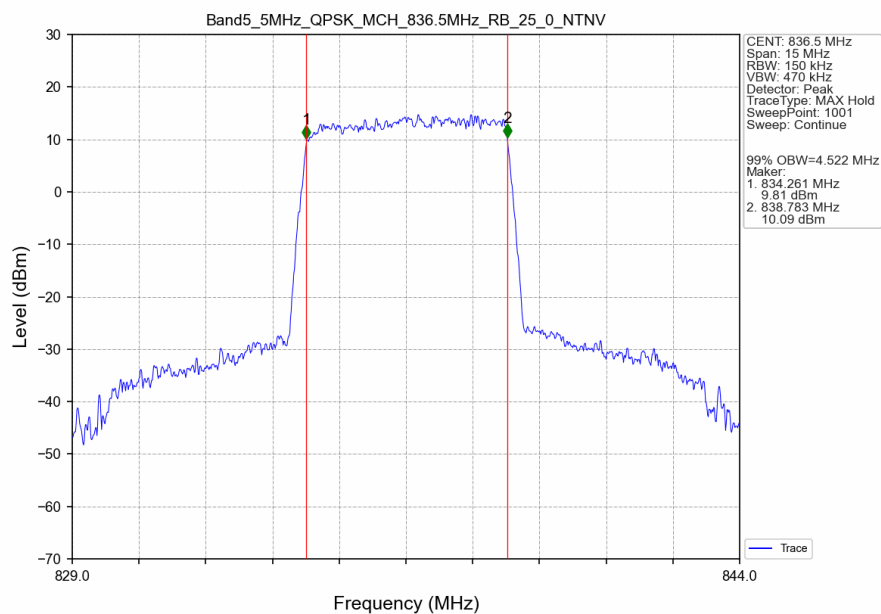
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



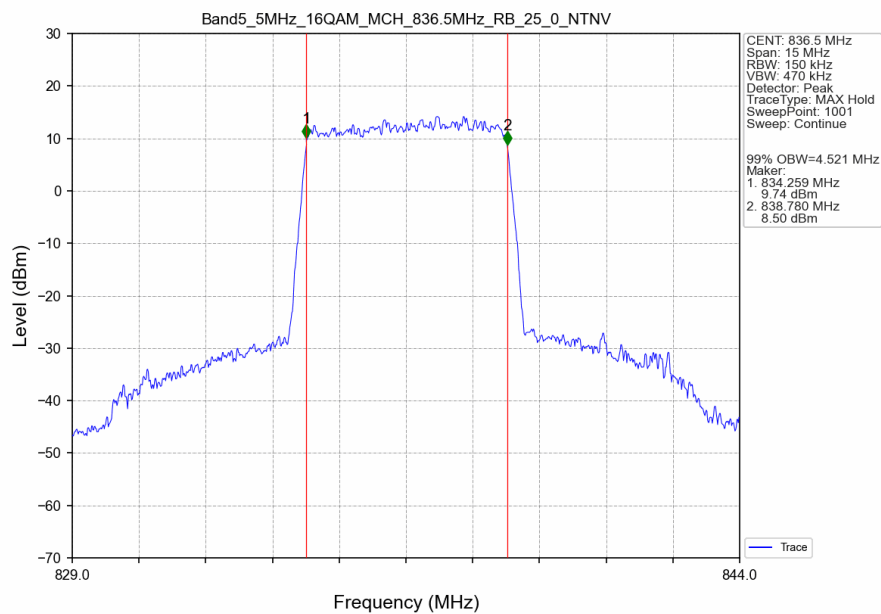
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



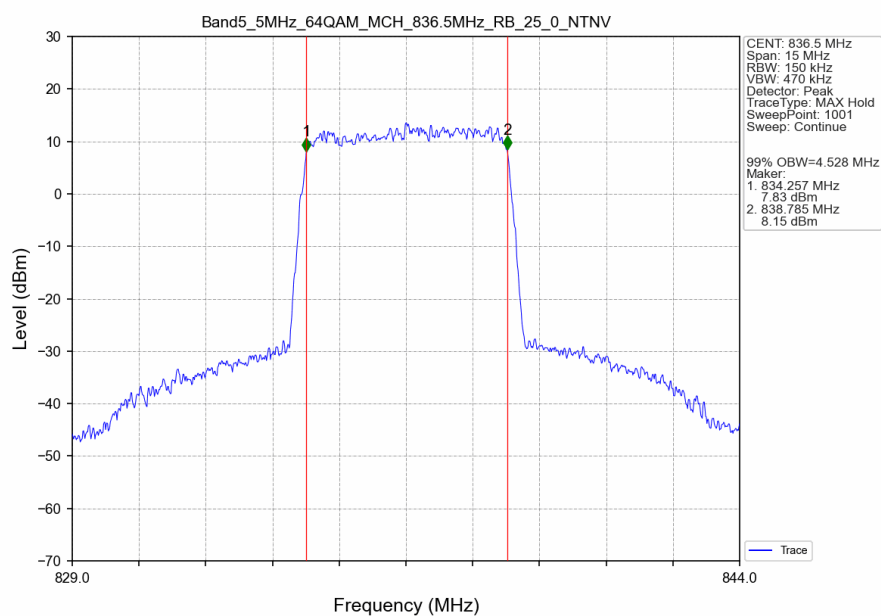
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



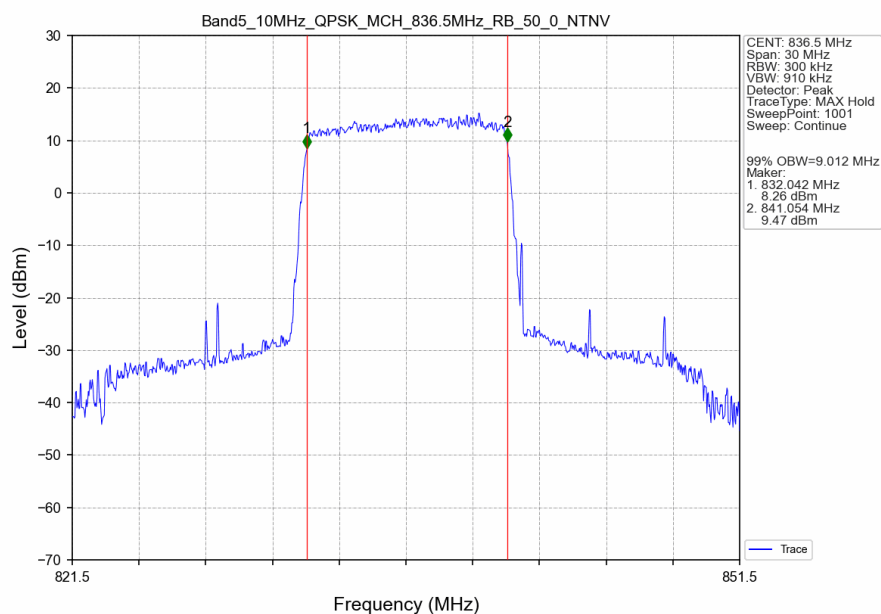
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



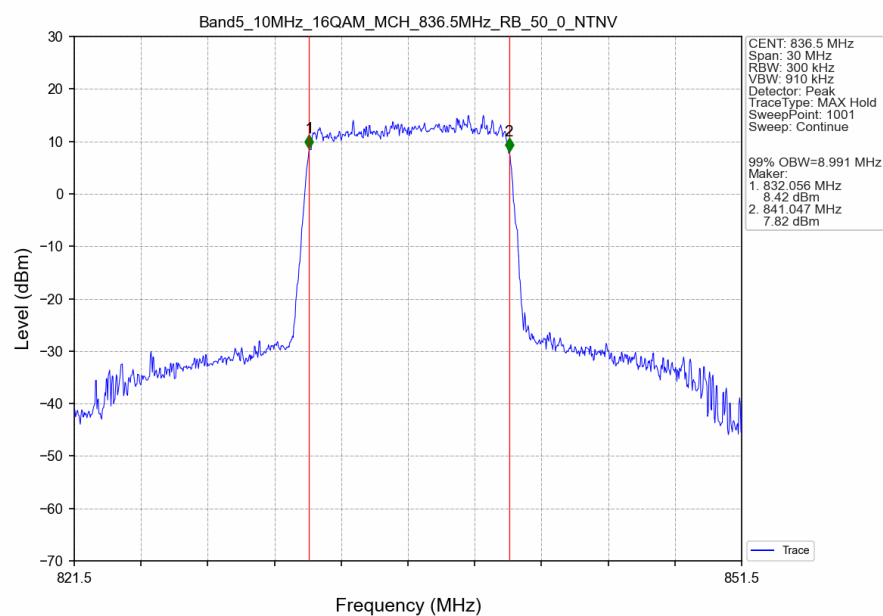
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



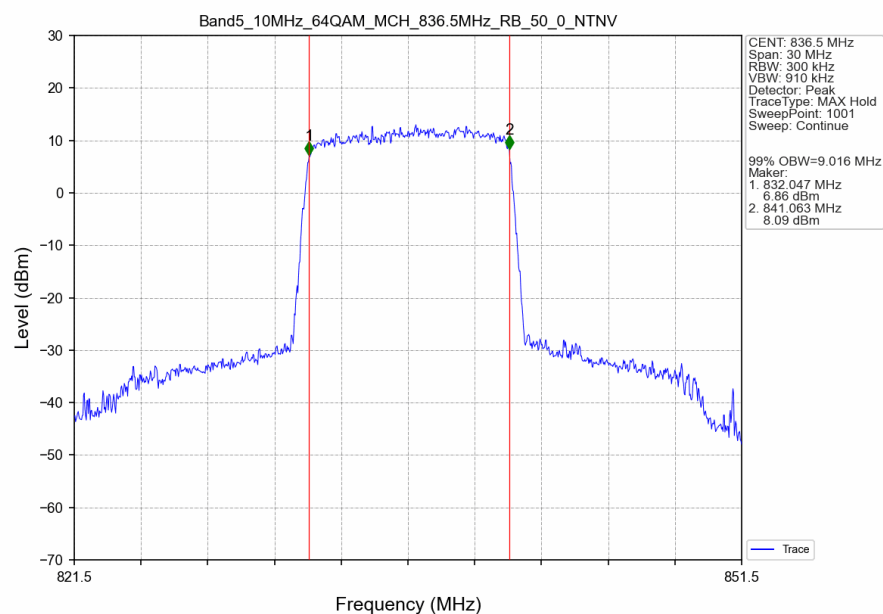
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



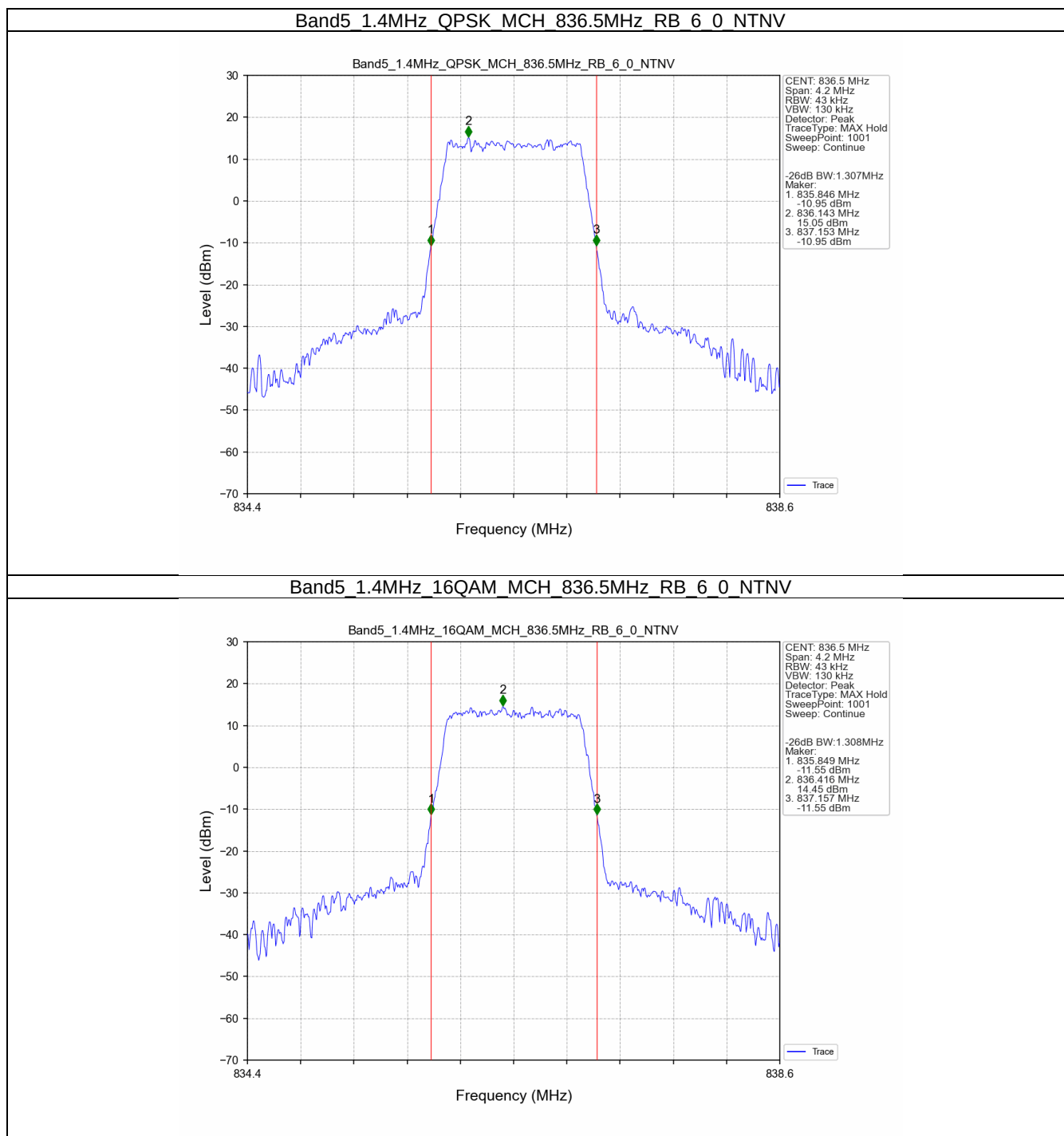
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



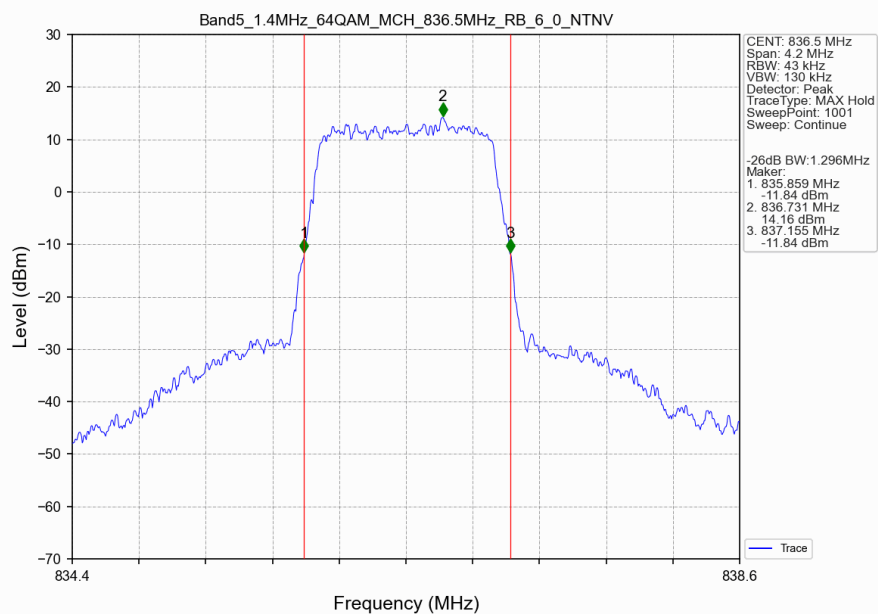
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



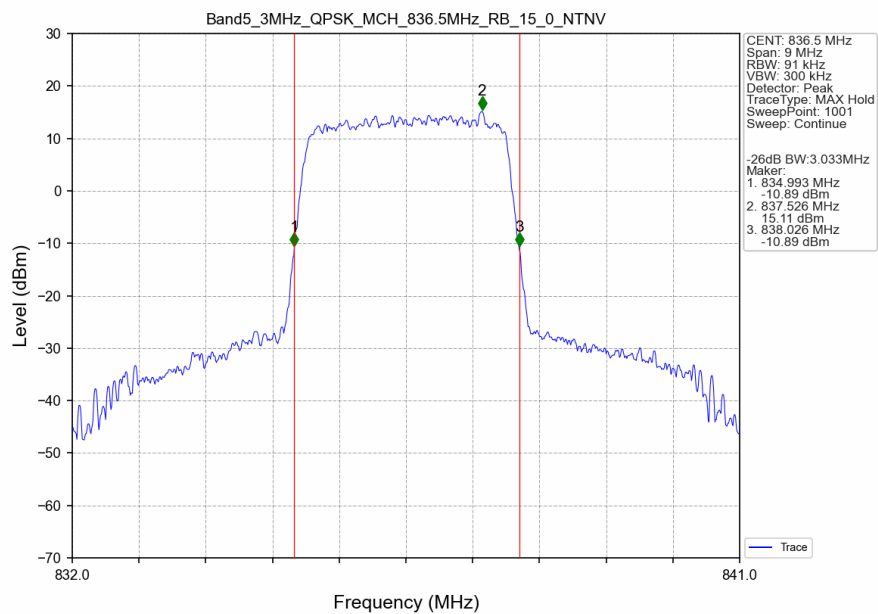
3.2.2 Band5_XDB



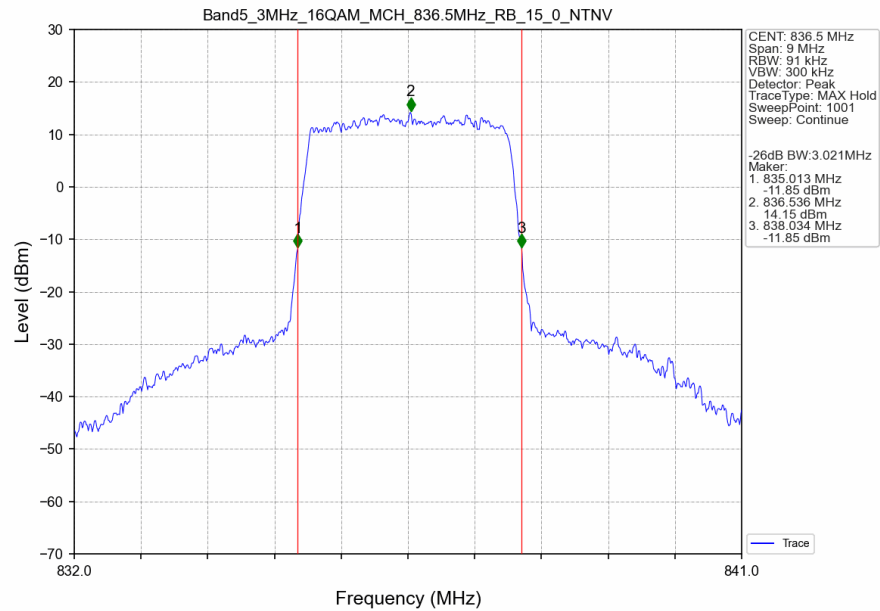
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



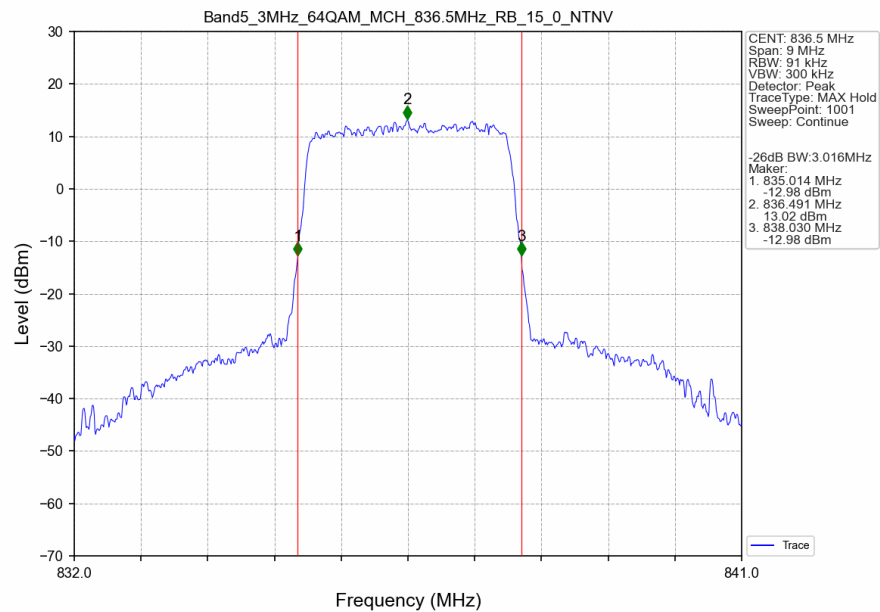
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



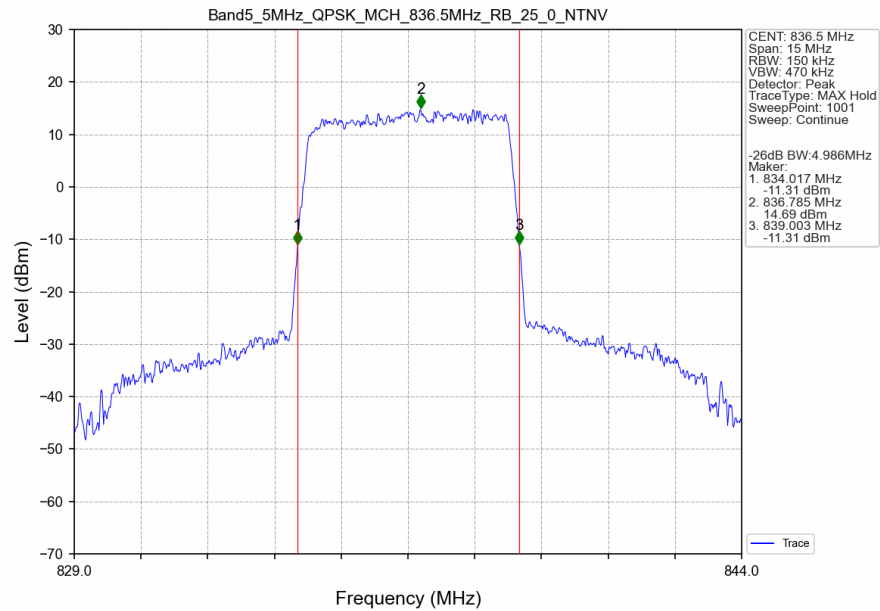
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



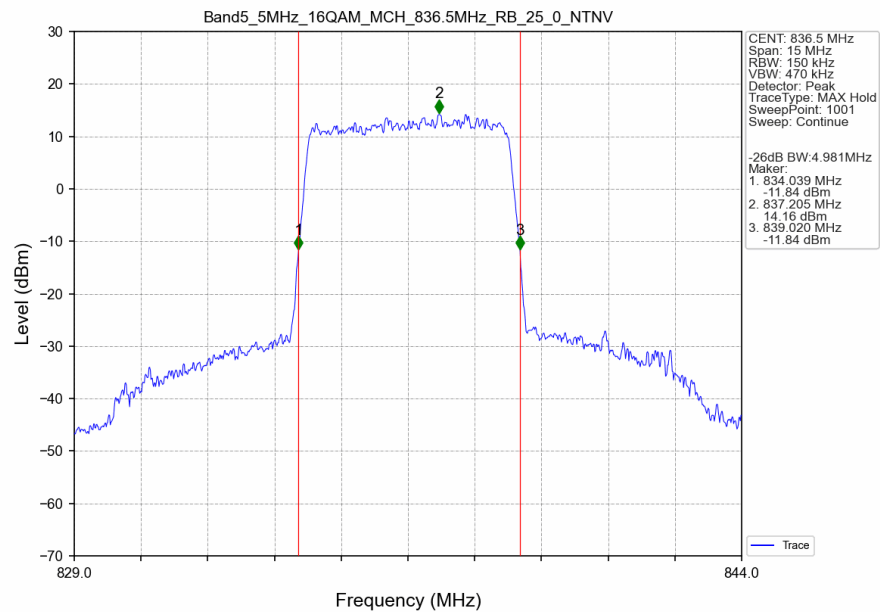
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



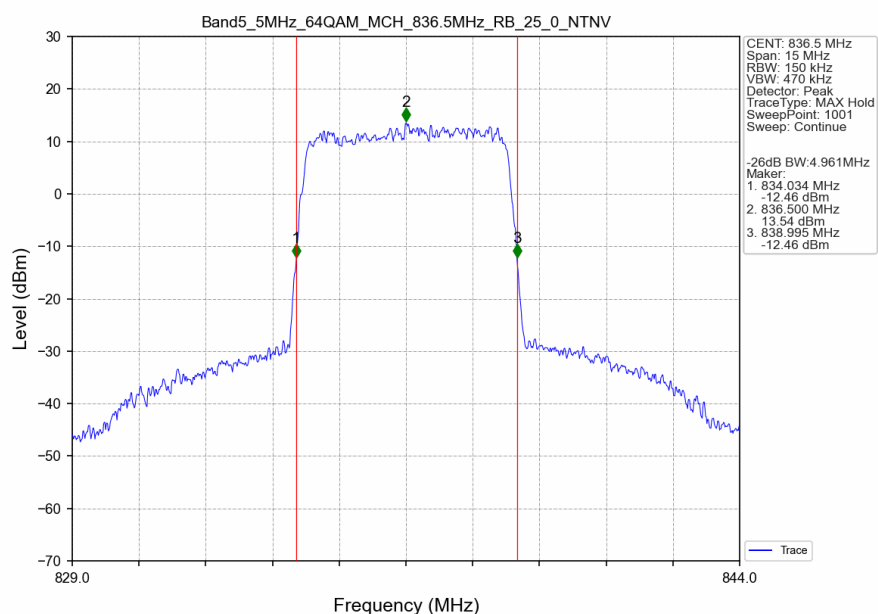
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



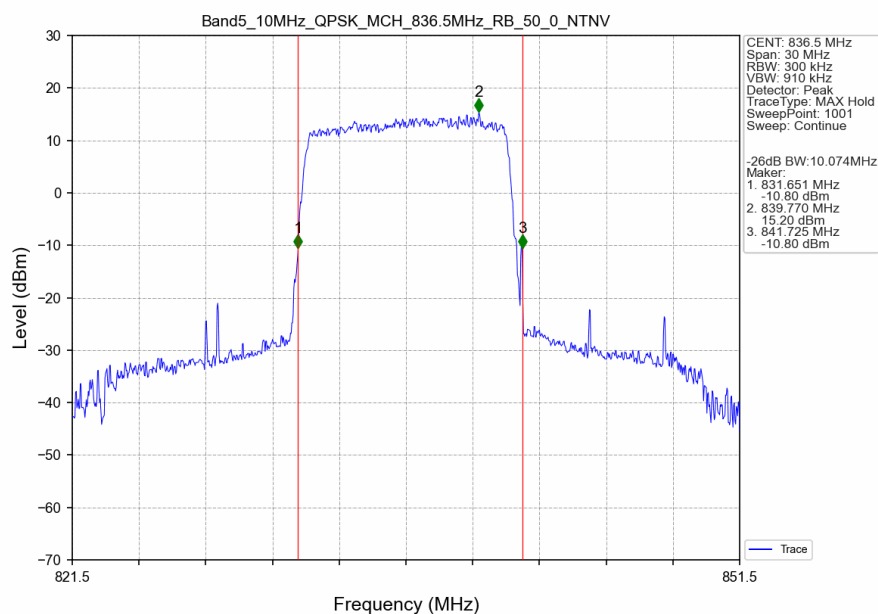
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



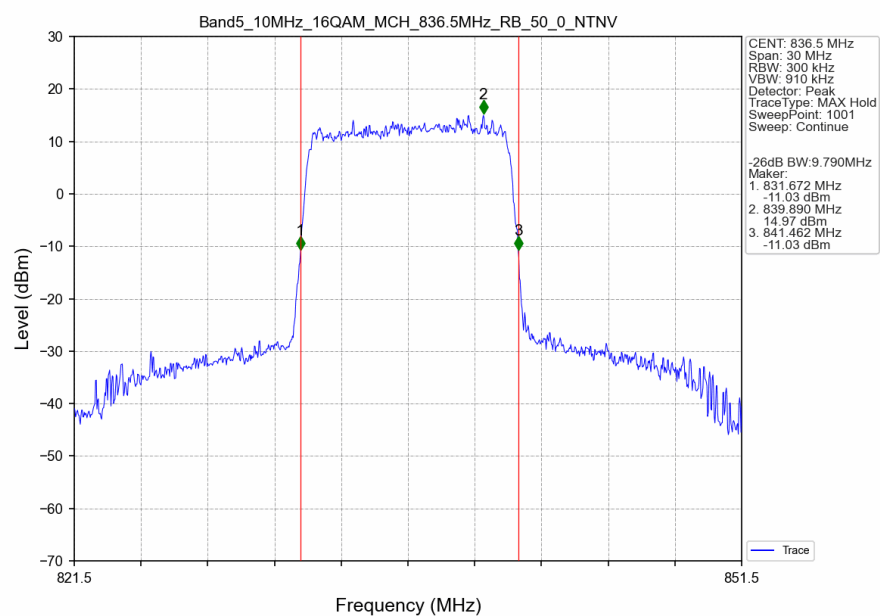
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



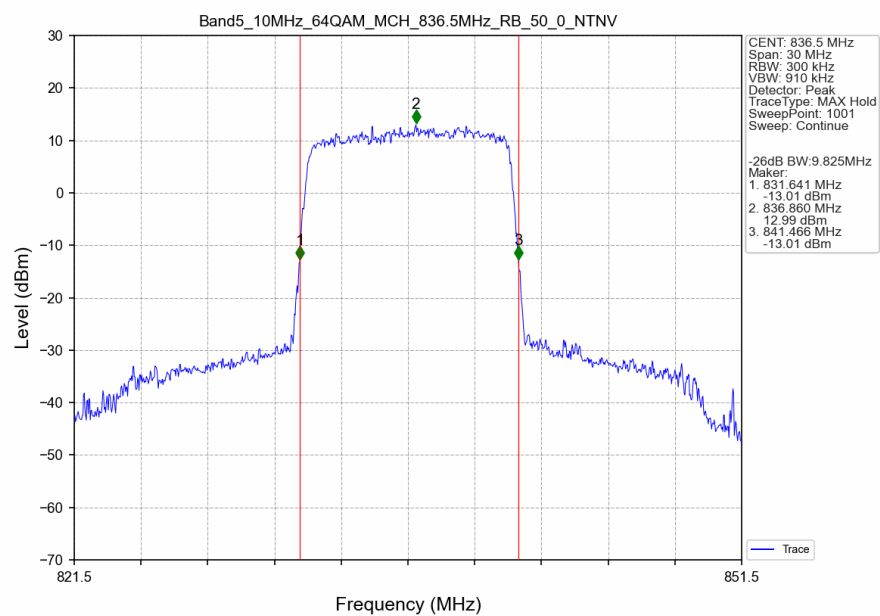
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV





4. Peak-Average Ratio

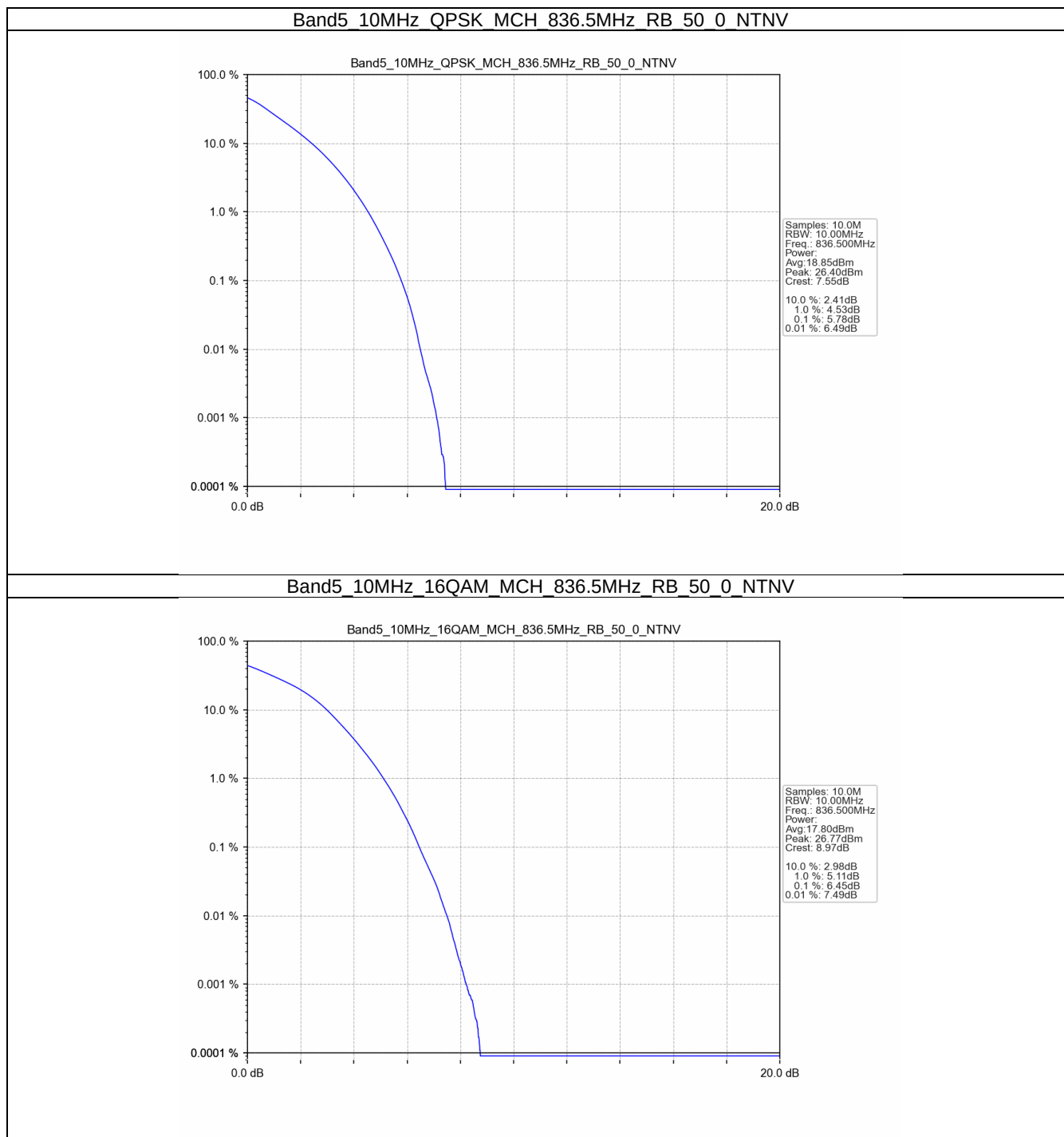
4.1 Test Result

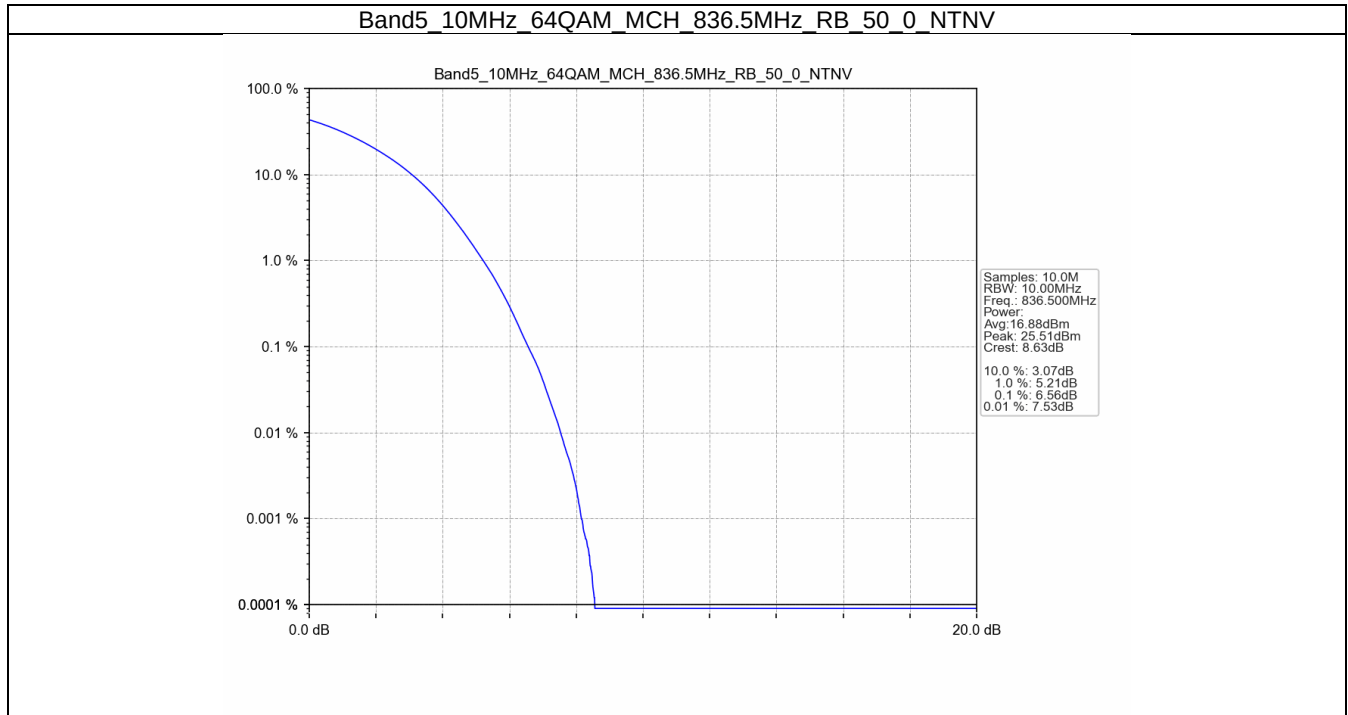
4.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.78	<=13	Pass
16QAM	836.5	50	0	6.45	<=13	Pass
64QAM	836.5	50	0	6.56	<=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	
		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	
		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	
		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

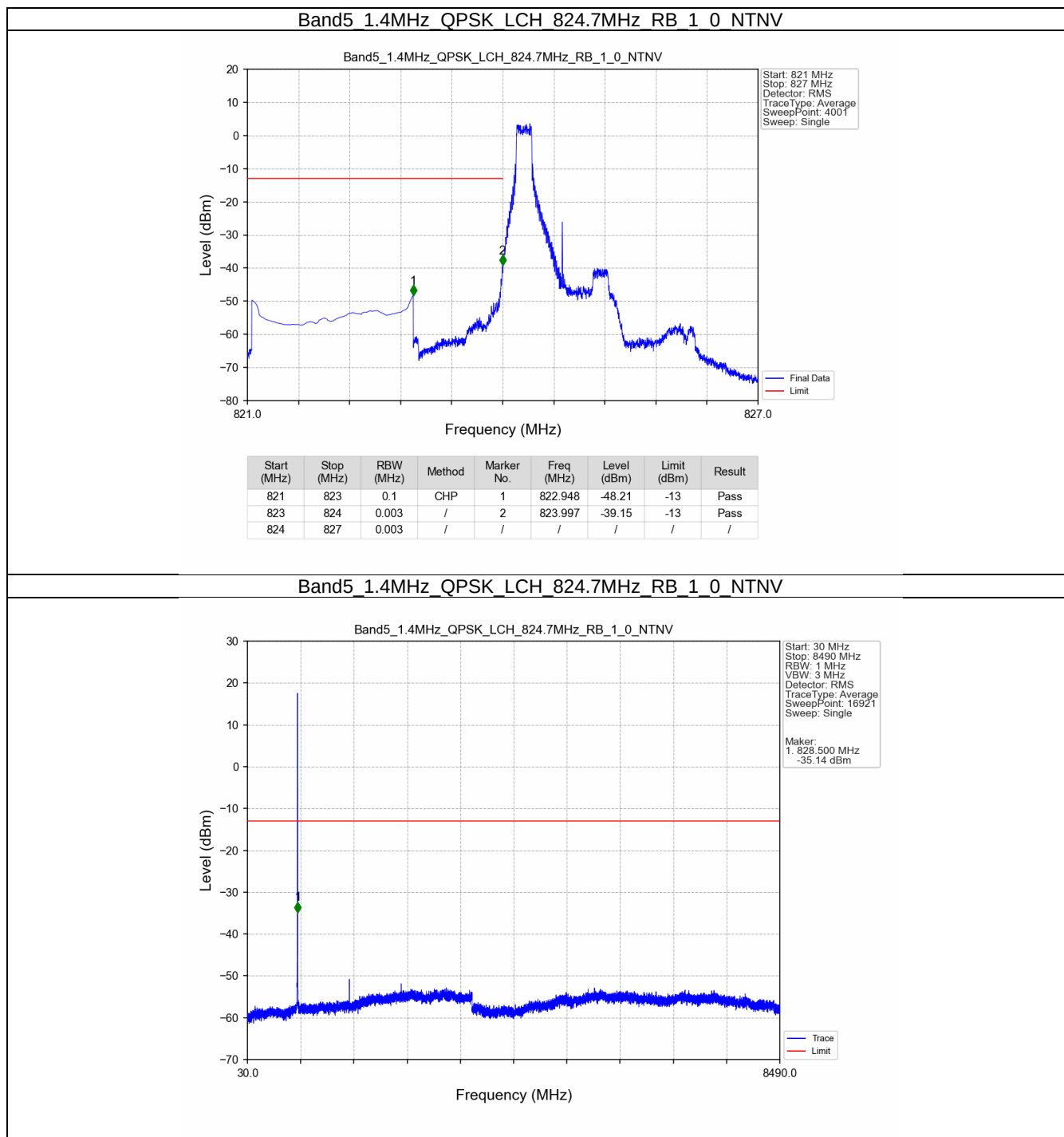


5.1.4 B5_10MHz

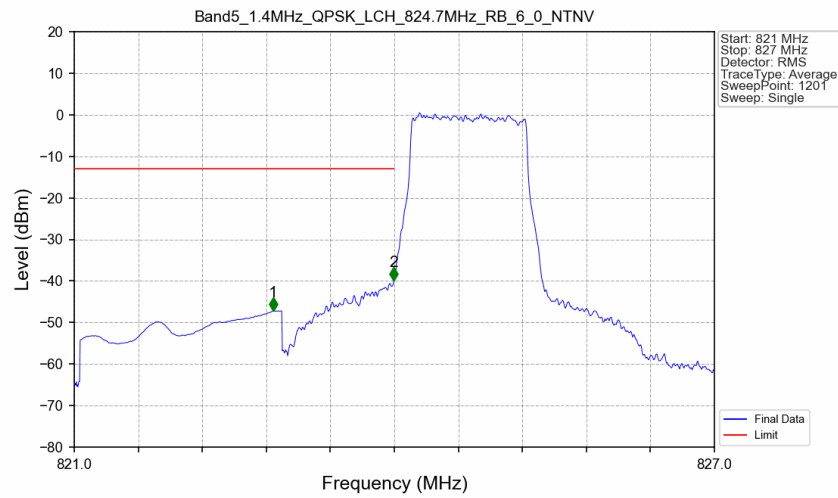
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

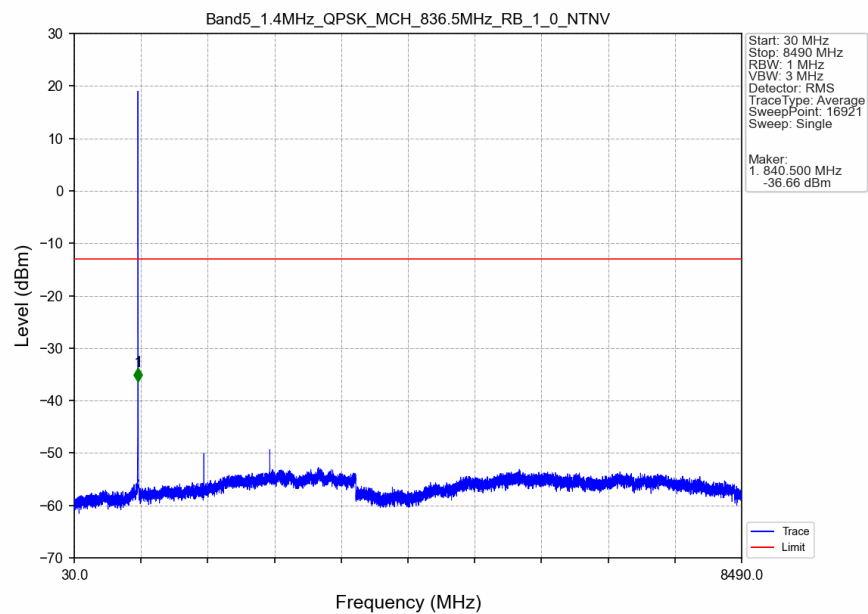
5.2.1 B5_1.4MHz



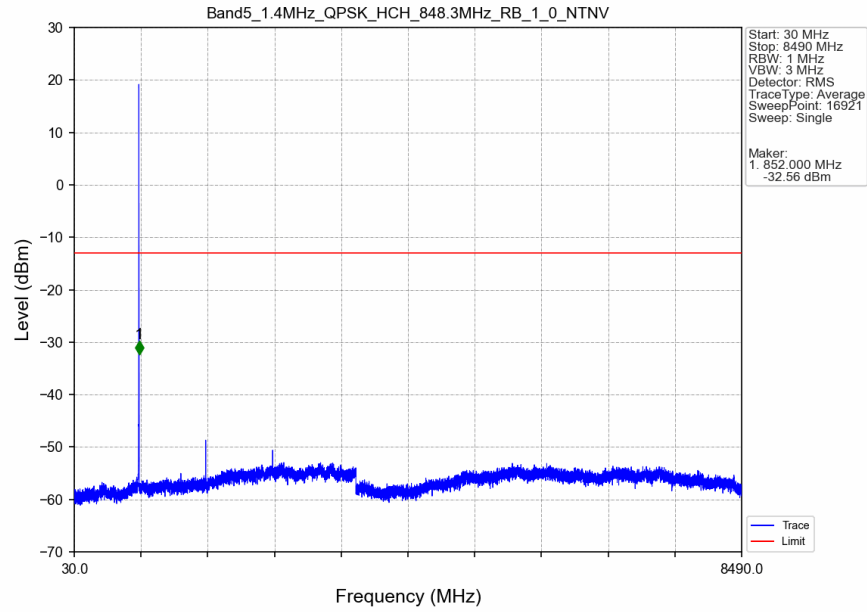
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



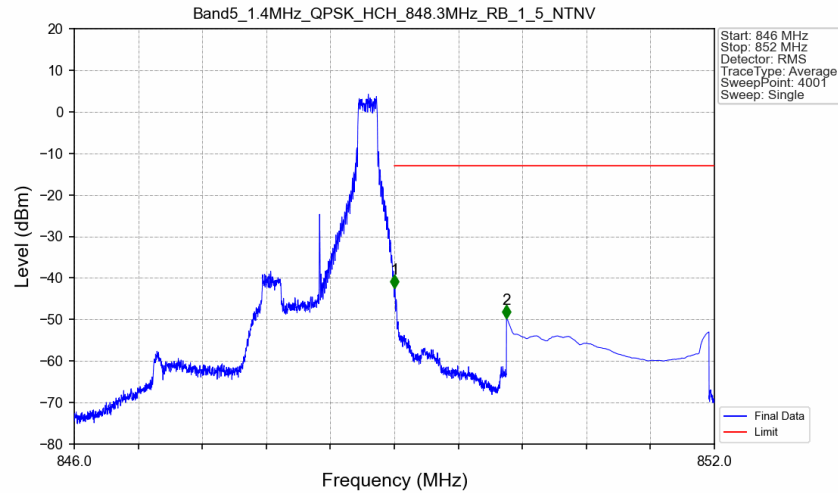
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

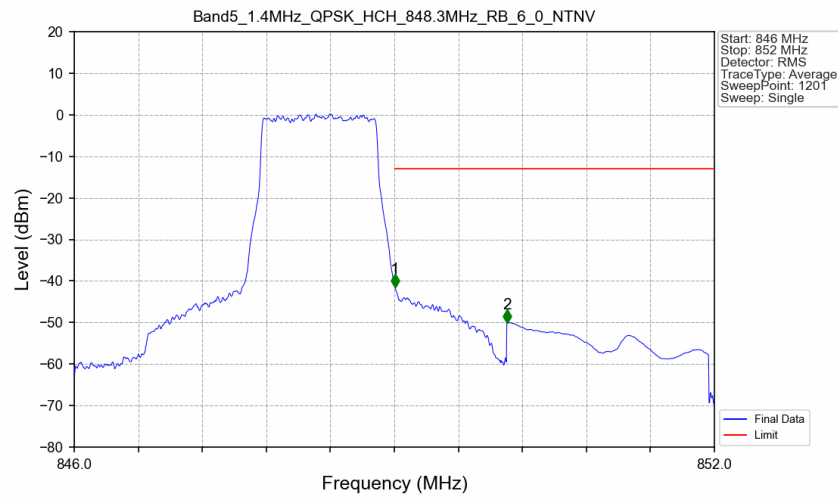


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



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	849.003	-42.39	-13	Pass
850	852	0.1	CHP	2	850.052	-49.69	-13	Pass

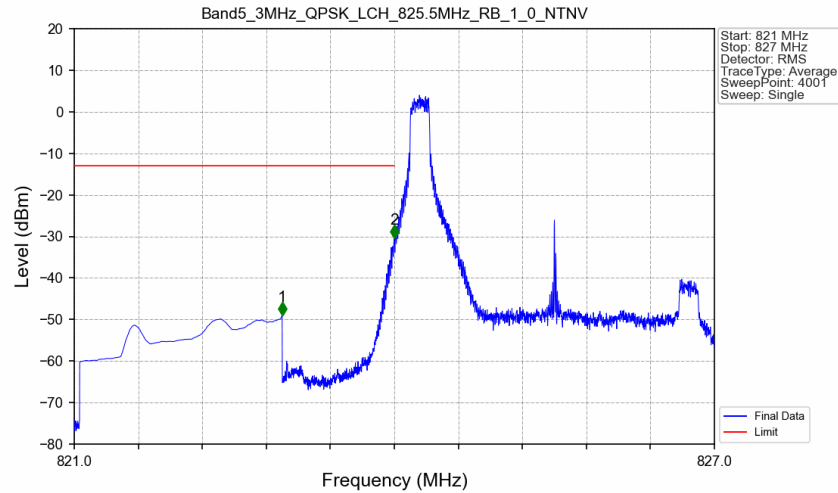
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



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	-41.54	-13	Pass
850	852	0.1	CHP	2	850.055	-50.03	-13	Pass

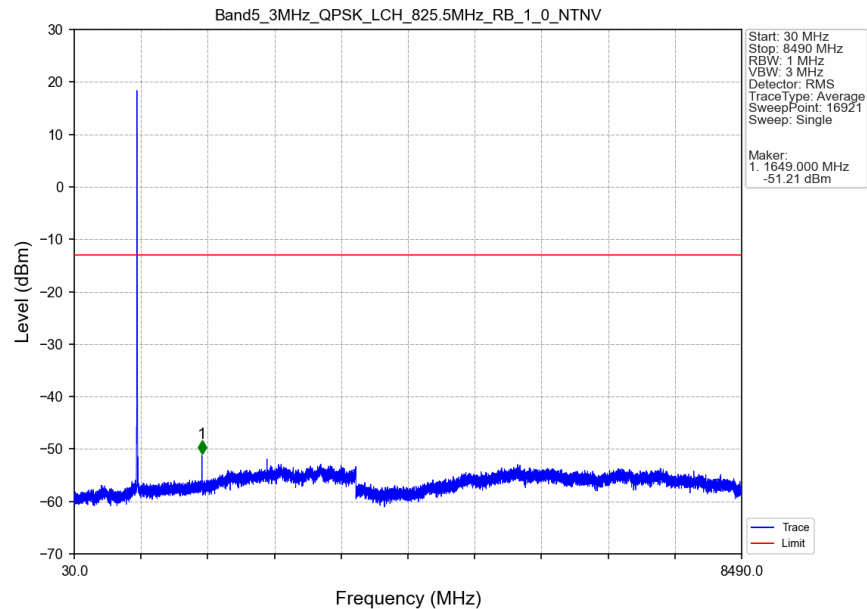
5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

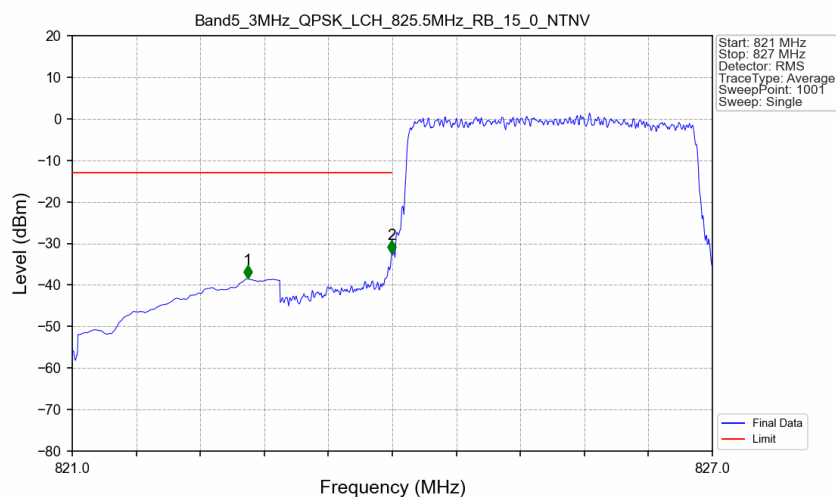


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-49.06	-13	Pass
823	824	0.003	/	2	823.999	-30.32	-13	Pass
824	827	0.003	/	/	/	/	/	/

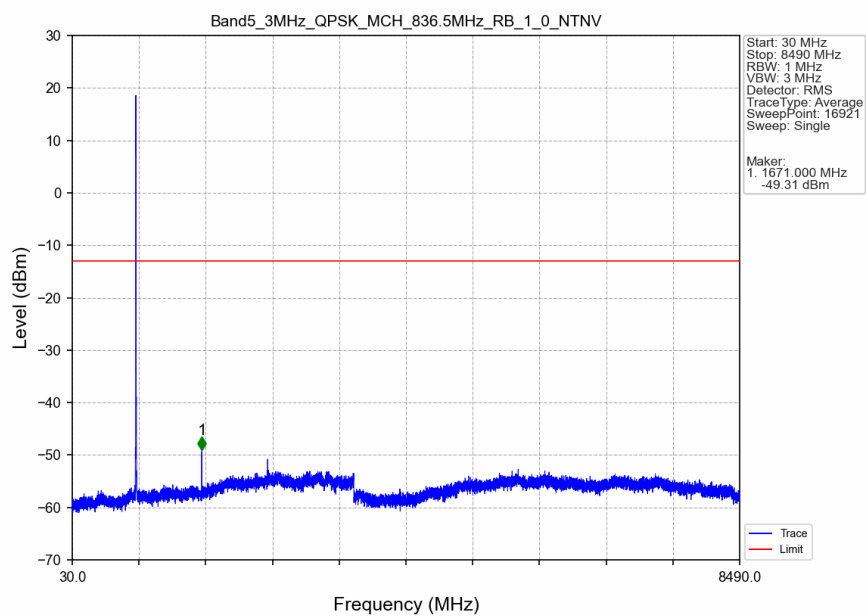
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



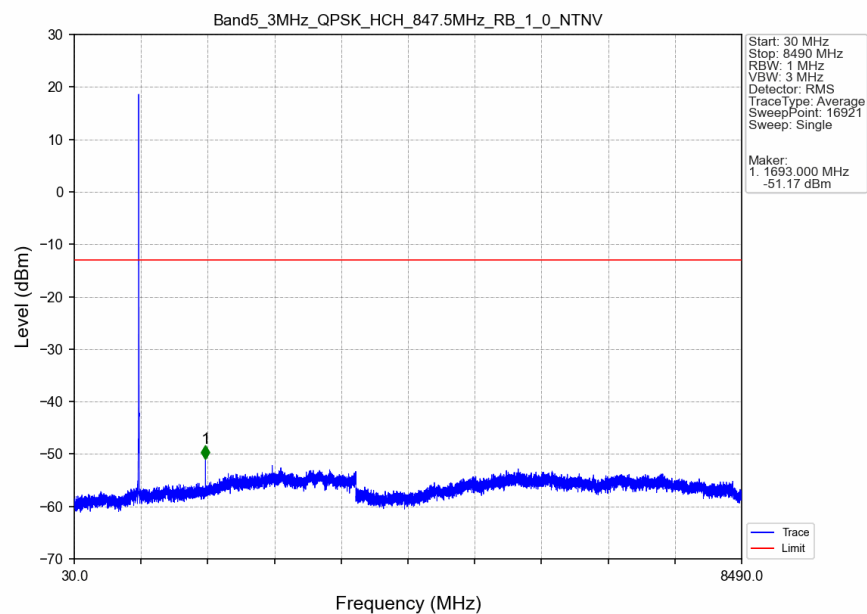
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



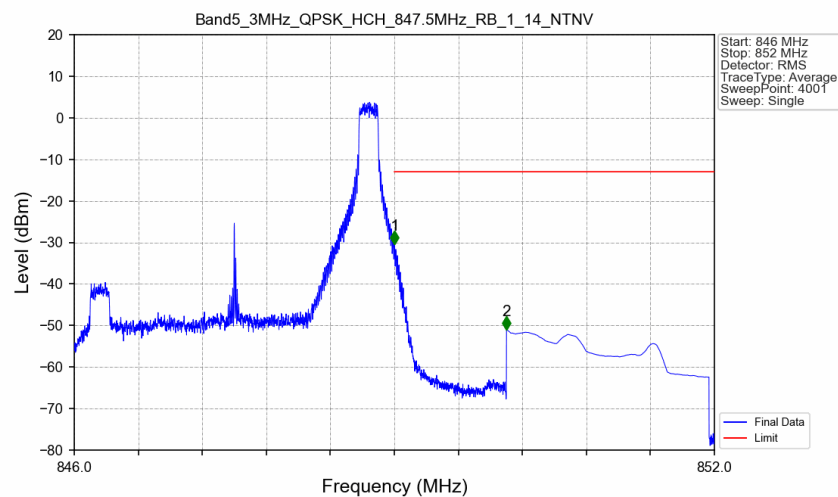
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

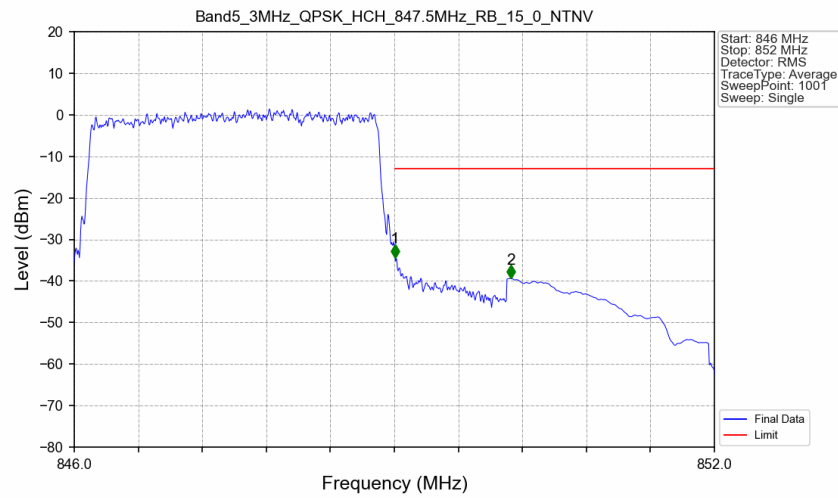


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



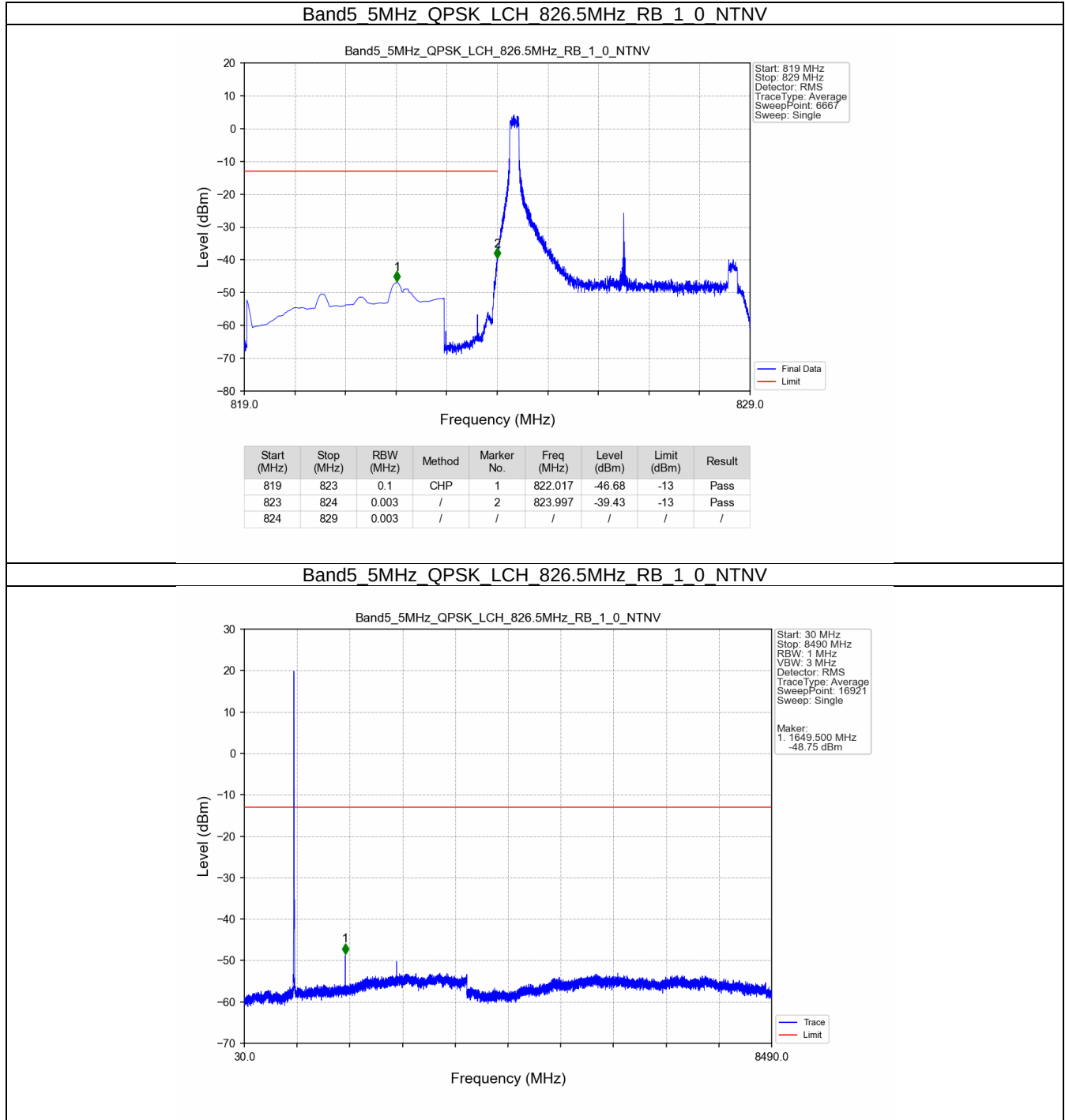
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-30.43	-13	Pass
850	852	0.1	CHP	2	850.052	-50.98	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

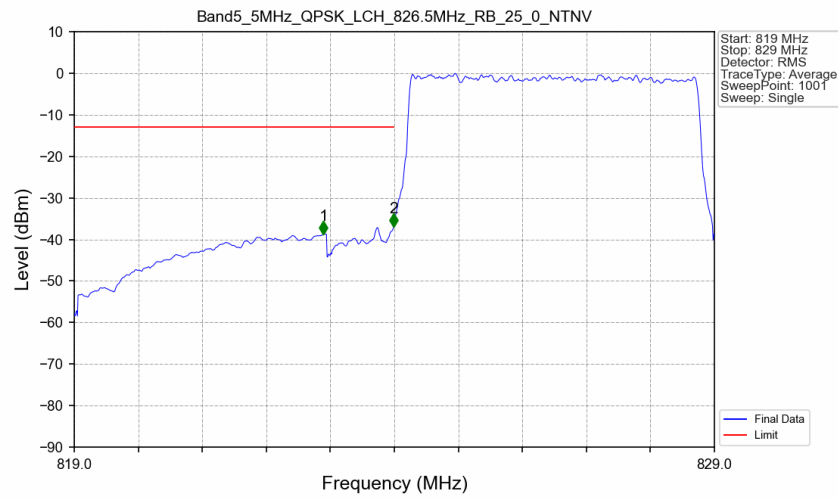


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-34.32	-13	Pass
850	852	0.1	CHP	2	850.092	-39.37	-13	Pass

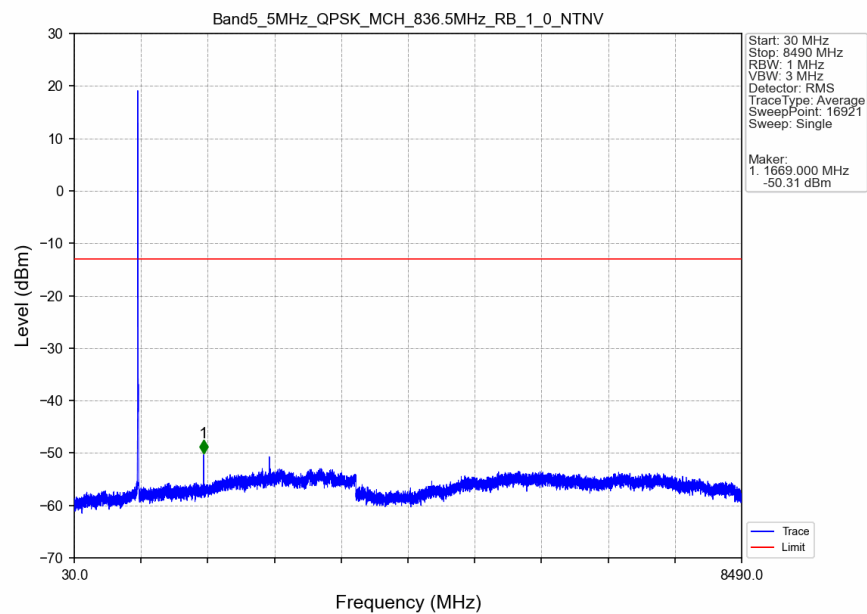
5.2.3 B5_5MHz



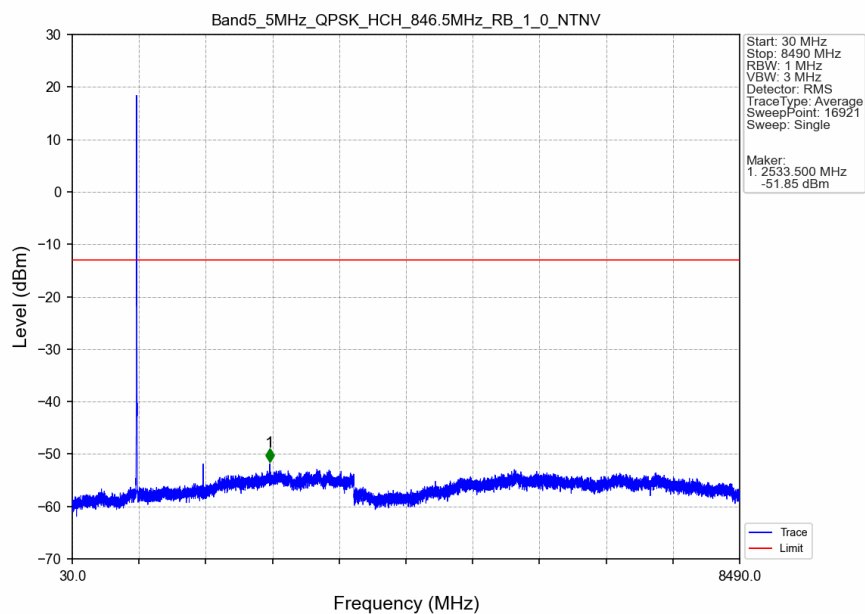
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



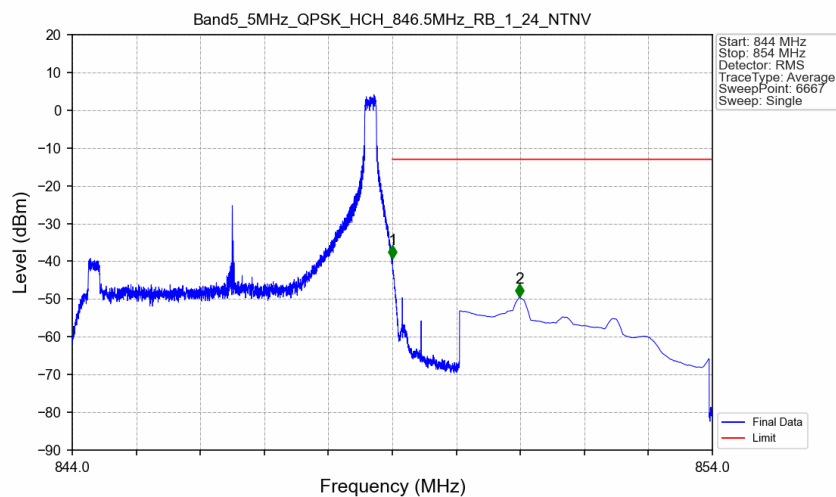
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

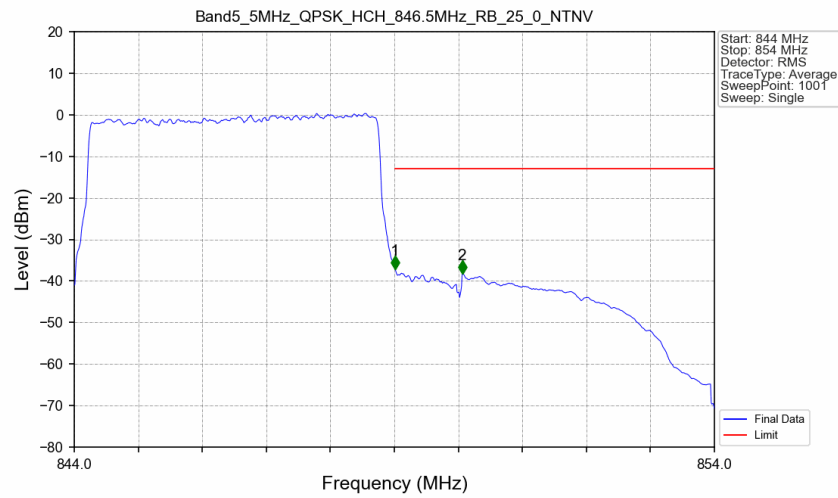


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



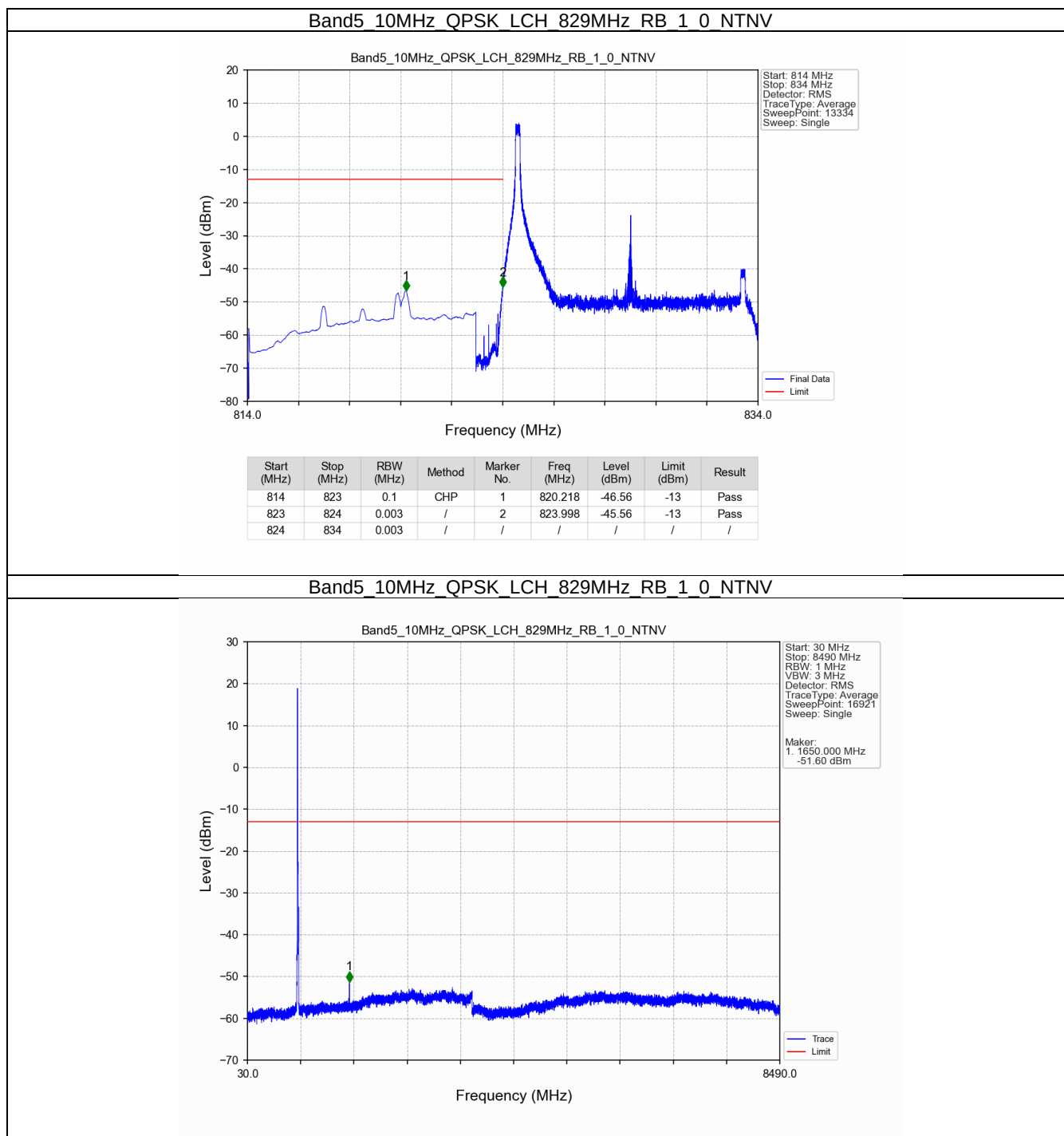
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-39.34	-13	Pass
850	854	0.1	CHP	2	850.983	-49.55	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

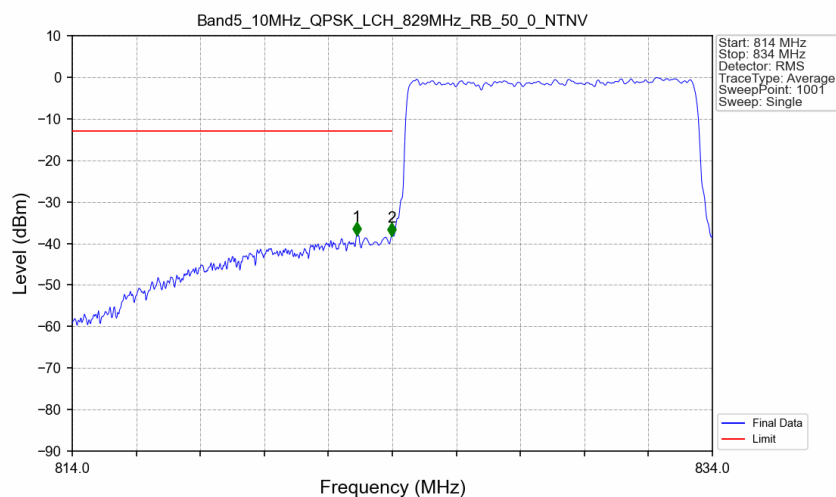


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-37.16	-13	Pass
850	854	0.1	CHP	2	850.060	-38.15	-13	Pass

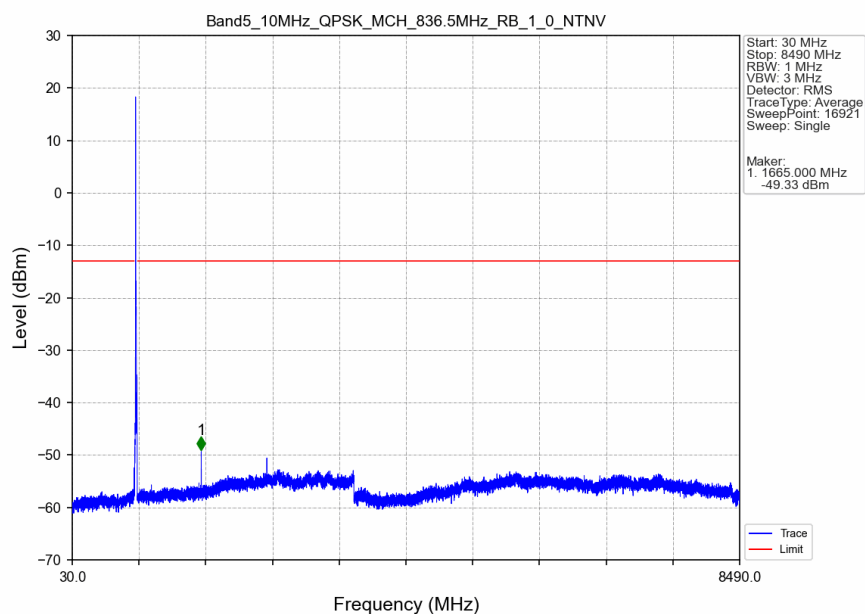
5.2.4 B5_10MHz



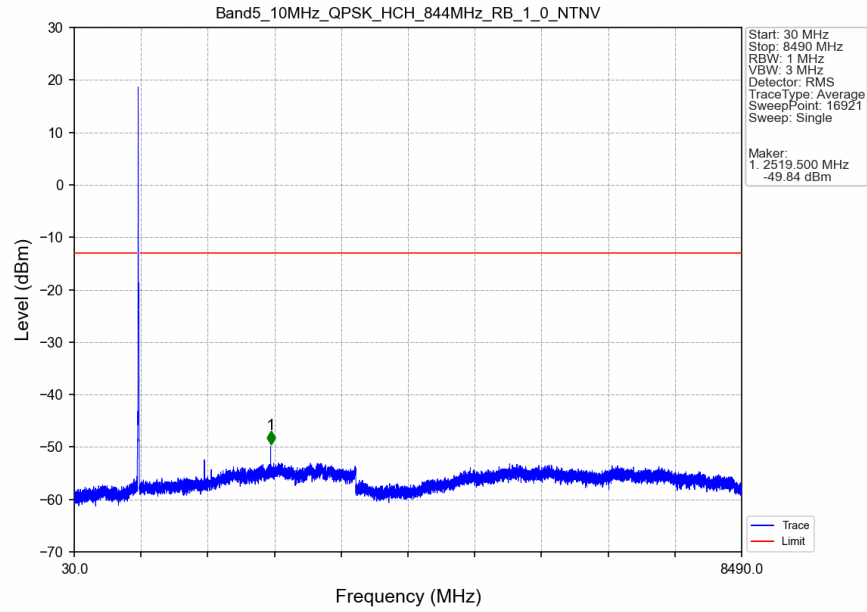
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



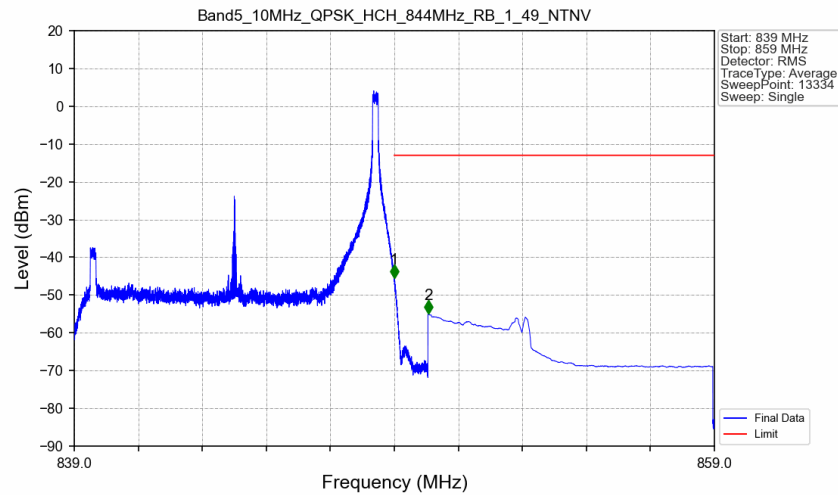
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

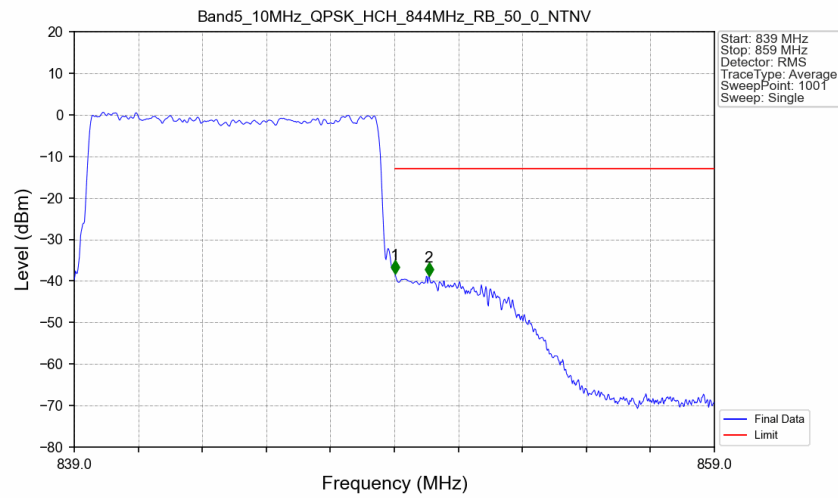


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	-45.52	-13	Pass
850	859	0.1	CHP	2	850.061	-54.87	-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	0.101	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-38.27	-13	Pass
850	859	0.1	/	2	850.080	-38.74	-13	Pass

- End of the Appendix -