

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	24.76	-2.50	20.11	<=38.45	Pass
			2	24.82	-2.50	20.17	<=38.45	Pass
			5	24.75	-2.50	20.10	<=38.45	Pass
		3	0	24.73	-2.50	20.08	<=38.45	Pass
			2	24.71	-2.50	20.06	<=38.45	Pass
			3	24.69	-2.50	20.04	<=38.45	Pass
		6	0	24.44	-2.50	19.79	<=38.45	Pass
	836.5	1	0	24.98	-2.50	20.33	<=38.45	Pass
			2	25.00	-2.50	20.35	<=38.45	Pass
			5	24.96	-2.50	20.31	<=38.45	Pass
		3	0	24.68	-2.50	20.03	<=38.45	Pass
			2	24.69	-2.50	20.04	<=38.45	Pass
			3	24.67	-2.50	20.02	<=38.45	Pass
		6	0	24.61	-2.50	19.96	<=38.45	Pass
	848.3	1	0	24.78	-2.50	20.13	<=38.45	Pass
			2	24.95	-2.50	20.30	<=38.45	Pass
			5	24.77	-2.50	20.12	<=38.45	Pass
		3	0	24.99	-2.50	20.34	<=38.45	Pass
			2	25.00	-2.50	20.35	<=38.45	Pass
			3	24.93	-2.50	20.28	<=38.45	Pass
		6	0	24.61	-2.50	19.96	<=38.45	Pass
16QAM	824.7	1	0	24.14	-2.50	19.49	<=38.45	Pass
			2	24.18	-2.50	19.53	<=38.45	Pass
			5	24.13	-2.50	19.48	<=38.45	Pass
		3	0	24.38	-2.50	19.73	<=38.45	Pass
			2	24.38	-2.50	19.73	<=38.45	Pass
			3	24.38	-2.50	19.73	<=38.45	Pass
		6	0	23.36	-2.50	18.71	<=38.45	Pass
	836.5	1	0	24.53	-2.50	19.88	<=38.45	Pass
			2	24.55	-2.50	19.90	<=38.45	Pass
			5	24.45	-2.50	19.80	<=38.45	Pass
		3	0	24.41	-2.50	19.76	<=38.45	Pass
			2	24.43	-2.50	19.78	<=38.45	Pass
			3	24.41	-2.50	19.76	<=38.45	Pass
		6	0	23.59	-2.50	18.94	<=38.45	Pass
	848.3	1	0	24.03	-2.50	19.38	<=38.45	Pass
			2	24.09	-2.50	19.44	<=38.45	Pass
			5	24.07	-2.50	19.42	<=38.45	Pass
		3	0	24.20	-2.50	19.55	<=38.45	Pass
			2	24.18	-2.50	19.53	<=38.45	Pass
			3	24.12	-2.50	19.47	<=38.45	Pass
		6	0	23.28	-2.50	18.63	<=38.45	Pass
64QAM	824.7	1	0	23.42	-2.50	18.77	<=38.45	Pass
			2	23.50	-2.50	18.85	<=38.45	Pass
			5	23.37	-2.50	18.72	<=38.45	Pass
		3	0	23.44	-2.50	18.79	<=38.45	Pass
			2	23.46	-2.50	18.81	<=38.45	Pass
			3	23.43	-2.50	18.78	<=38.45	Pass
		6	0	22.69	-2.50	18.04	<=38.45	Pass

	836.5	1	0	23.62	-2.50	18.97	<=38.45	Pass
			2	23.68	-2.50	19.03	<=38.45	Pass
			5	23.58	-2.50	18.93	<=38.45	Pass
		3	0	23.63	-2.50	18.98	<=38.45	Pass
			2	23.69	-2.50	19.04	<=38.45	Pass
			3	23.66	-2.50	19.01	<=38.45	Pass
		6	0	22.90	-2.50	18.25	<=38.45	Pass
	848.3	1	0	23.49	-2.50	18.84	<=38.45	Pass
			2	23.56	-2.50	18.91	<=38.45	Pass
			5	23.43	-2.50	18.78	<=38.45	Pass
		3	0	23.42	-2.50	18.77	<=38.45	Pass
			2	23.36	-2.50	18.71	<=38.45	Pass
			3	23.32	-2.50	18.67	<=38.45	Pass
		6	0	22.26	-2.50	17.61	<=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	25.00	-2.50	20.35	<=38.45	Pass
			7	24.70	-2.50	20.05	<=38.45	Pass
			14	24.98	-2.50	20.33	<=38.45	Pass
		8	0	24.32	-2.50	19.67	<=38.45	Pass
			4	24.40	-2.50	19.75	<=38.45	Pass
			7	24.34	-2.50	19.69	<=38.45	Pass
		15	0	24.25	-2.50	19.60	<=38.45	Pass
	836.5	1	0	24.90	-2.50	20.25	<=38.45	Pass
			7	24.64	-2.50	19.99	<=38.45	Pass
			14	24.90	-2.50	20.25	<=38.45	Pass
		8	0	24.48	-2.50	19.83	<=38.45	Pass
			4	24.55	-2.50	19.90	<=38.45	Pass
			7	24.47	-2.50	19.82	<=38.45	Pass
		15	0	24.46	-2.50	19.81	<=38.45	Pass
	847.5	1	0	24.87	-2.50	20.22	<=38.45	Pass
			7	24.63	-2.50	19.98	<=38.45	Pass
			14	24.62	-2.50	19.97	<=38.45	Pass
		8	0	24.21	-2.50	19.56	<=38.45	Pass
			4	24.25	-2.50	19.60	<=38.45	Pass
			7	24.20	-2.50	19.55	<=38.45	Pass
		15	0	24.16	-2.50	19.51	<=38.45	Pass
16QAM	825.5	1	0	24.21	-2.50	19.56	<=38.45	Pass
			7	24.31	-2.50	19.66	<=38.45	Pass
			14	24.20	-2.50	19.55	<=38.45	Pass
		8	0	23.24	-2.50	18.59	<=38.45	Pass
			4	23.29	-2.50	18.64	<=38.45	Pass
			7	23.21	-2.50	18.56	<=38.45	Pass
		15	0	23.16	-2.50	18.51	<=38.45	Pass
	836.5	1	0	24.23	-2.50	19.58	<=38.45	Pass
			7	24.40	-2.50	19.75	<=38.45	Pass
			14	24.22	-2.50	19.57	<=38.45	Pass
		8	0	23.49	-2.50	18.84	<=38.45	Pass
			4	23.60	-2.50	18.95	<=38.45	Pass
			7	23.52	-2.50	18.87	<=38.45	Pass
		15	0	23.46	-2.50	18.81	<=38.45	Pass
	847.5	1	0	24.44	-2.50	19.79	<=38.45	Pass

			7	24.53	-2.50	19.88	<=38.45	Pass		
			14	24.29	-2.50	19.64	<=38.45	Pass		
		8	0	23.33	-2.50	18.68	<=38.45	Pass		
			4	23.38	-2.50	18.73	<=38.45	Pass		
			7	23.31	-2.50	18.66	<=38.45	Pass		
		15	0	23.17	-2.50	18.52	<=38.45	Pass		
64QAM	825.5	1	0	23.25	-2.50	18.60	<=38.45	Pass		
			7	23.37	-2.50	18.72	<=38.45	Pass		
			14	23.27	-2.50	18.62	<=38.45	Pass		
		8	0	22.30	-2.50	17.65	<=38.45	Pass		
			4	22.37	-2.50	17.72	<=38.45	Pass		
			7	22.34	-2.50	17.69	<=38.45	Pass		
		15	0	22.24	-2.50	17.59	<=38.45	Pass		
		836.5	1	0	23.51	-2.50	18.86	<=38.45	Pass	
				7	23.65	-2.50	19.00	<=38.45	Pass	
	14			23.48	-2.50	18.83	<=38.45	Pass		
	8		0	22.40	-2.50	17.75	<=38.45	Pass		
			4	22.44	-2.50	17.79	<=38.45	Pass		
			7	22.37	-2.50	17.72	<=38.45	Pass		
	15		0	22.49	-2.50	17.84	<=38.45	Pass		
	847.5		1	0	23.38	-2.50	18.73	<=38.45	Pass	
				7	23.47	-2.50	18.82	<=38.45	Pass	
		14		23.27	-2.50	18.62	<=38.45	Pass		
		8	0	22.38	-2.50	17.73	<=38.45	Pass		
			4	22.28	-2.50	17.63	<=38.45	Pass		
			7	22.18	-2.50	17.53	<=38.45	Pass		
		15	0	22.15	-2.50	17.50	<=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	24.77	-2.50	20.12	<=38.45	Pass
			13	24.88	-2.50	20.23	<=38.45	Pass
			24	24.81	-2.50	20.16	<=38.45	Pass
		12	0	24.23	-2.50	19.58	<=38.45	Pass
			6	24.34	-2.50	19.69	<=38.45	Pass
			13	24.29	-2.50	19.64	<=38.45	Pass
		25	0	24.26	-2.50	19.61	<=38.45	Pass
	836.5	1	0	24.75	-2.50	20.10	<=38.45	Pass
			13	24.86	-2.50	20.21	<=38.45	Pass
			24	24.68	-2.50	20.03	<=38.45	Pass
		12	0	24.40	-2.50	19.75	<=38.45	Pass
			6	24.50	-2.50	19.85	<=38.45	Pass
			13	24.46	-2.50	19.81	<=38.45	Pass
		25	0	24.42	-2.50	19.77	<=38.45	Pass
	846.5	1	0	24.71	-2.50	20.06	<=38.45	Pass
			13	24.82	-2.50	20.17	<=38.45	Pass
			24	24.85	-2.50	20.20	<=38.45	Pass
		12	0	24.23	-2.50	19.58	<=38.45	Pass
			6	24.29	-2.50	19.64	<=38.45	Pass
			13	24.18	-2.50	19.53	<=38.45	Pass
		25	0	24.21	-2.50	19.56	<=38.45	Pass
16QAM	826.5	1	0	24.05	-2.50	19.40	<=38.45	Pass
			13	24.20	-2.50	19.55	<=38.45	Pass

			24	24.12	-2.50	19.47	<=38.45	Pass	
		12	0	23.22	-2.50	18.57	<=38.45	Pass	
			6	23.29	-2.50	18.64	<=38.45	Pass	
			13	23.25	-2.50	18.60	<=38.45	Pass	
		25	0	23.29	-2.50	18.64	<=38.45	Pass	
	836.5	1	0	24.58	-2.50	19.93	<=38.45	Pass	
			13	24.76	-2.50	20.11	<=38.45	Pass	
			24	24.58	-2.50	19.93	<=38.45	Pass	
		12	0	23.40	-2.50	18.75	<=38.45	Pass	
			6	23.54	-2.50	18.89	<=38.45	Pass	
			13	23.45	-2.50	18.80	<=38.45	Pass	
		25	0	23.43	-2.50	18.78	<=38.45	Pass	
	846.5	1	0	24.27	-2.50	19.62	<=38.45	Pass	
			13	24.39	-2.50	19.74	<=38.45	Pass	
			24	24.20	-2.50	19.55	<=38.45	Pass	
		12	0	23.20	-2.50	18.55	<=38.45	Pass	
			6	23.26	-2.50	18.61	<=38.45	Pass	
			13	23.15	-2.50	18.50	<=38.45	Pass	
		25	0	23.33	-2.50	18.68	<=38.45	Pass	
	64QAM	826.5	1	0	23.16	-2.50	18.51	<=38.45	Pass
				13	23.31	-2.50	18.66	<=38.45	Pass
				24	23.20	-2.50	18.55	<=38.45	Pass
			12	0	22.22	-2.50	17.57	<=38.45	Pass
				6	22.34	-2.50	17.69	<=38.45	Pass
13				22.30	-2.50	17.65	<=38.45	Pass	
25			0	22.30	-2.50	17.65	<=38.45	Pass	
836.5		1	0	23.73	-2.50	19.08	<=38.45	Pass	
			13	23.90	-2.50	19.25	<=38.45	Pass	
			24	23.79	-2.50	19.14	<=38.45	Pass	
		12	0	22.34	-2.50	17.69	<=38.45	Pass	
			6	22.49	-2.50	17.84	<=38.45	Pass	
			13	22.40	-2.50	17.75	<=38.45	Pass	
		25	0	22.45	-2.50	17.80	<=38.45	Pass	
846.5		1	0	23.49	-2.50	18.84	<=38.45	Pass	
			13	23.56	-2.50	18.91	<=38.45	Pass	
			24	23.33	-2.50	18.68	<=38.45	Pass	
		12	0	22.31	-2.50	17.66	<=38.45	Pass	
			6	22.43	-2.50	17.78	<=38.45	Pass	
			13	22.29	-2.50	17.64	<=38.45	Pass	
		25	0	22.34	-2.50	17.69	<=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	24.89	-2.50	20.24	<=38.45	Pass
			25	24.90	-2.50	20.25	<=38.45	Pass
			49	24.82	-2.50	20.17	<=38.45	Pass
		25	0	24.27	-2.50	19.62	<=38.45	Pass
			13	24.36	-2.50	19.71	<=38.45	Pass
			25	24.41	-2.50	19.76	<=38.45	Pass
		50	0	24.34	-2.50	19.69	<=38.45	Pass
	836.5	1	0	24.86	-2.50	20.21	<=38.45	Pass
			25	24.82	-2.50	20.17	<=38.45	Pass
			49	24.78	-2.50	20.13	<=38.45	Pass
		25	0	24.42	-2.50	19.77	<=38.45	Pass
			13	24.56	-2.50	19.91	<=38.45	Pass
			25	24.44	-2.50	19.79	<=38.45	Pass
		50	0	24.44	-2.50	19.79	<=38.45	Pass
	844	1	0	24.82	-2.50	20.17	<=38.45	Pass
			25	24.86	-2.50	20.21	<=38.45	Pass
			49	24.85	-2.50	20.20	<=38.45	Pass
		25	0	24.34	-2.50	19.69	<=38.45	Pass
			13	24.39	-2.50	19.74	<=38.45	Pass
			25	24.23	-2.50	19.58	<=38.45	Pass
		50	0	24.29	-2.50	19.64	<=38.45	Pass
16QAM	829	1	0	24.75	-2.50	20.10	<=38.45	Pass
			25	24.81	-2.50	20.16	<=38.45	Pass
			49	24.87	-2.50	20.22	<=38.45	Pass
		25	0	23.29	-2.50	18.64	<=38.45	Pass
			13	23.38	-2.50	18.73	<=38.45	Pass
			25	23.38	-2.50	18.73	<=38.45	Pass
		50	0	23.33	-2.50	18.68	<=38.45	Pass
	836.5	1	0	24.61	-2.50	19.96	<=38.45	Pass
			25	24.68	-2.50	20.03	<=38.45	Pass
			49	24.61	-2.50	19.96	<=38.45	Pass
		25	0	23.44	-2.50	18.79	<=38.45	Pass
			13	23.57	-2.50	18.92	<=38.45	Pass
			25	23.50	-2.50	18.85	<=38.45	Pass
		50	0	23.46	-2.50	18.81	<=38.45	Pass
	844	1	0	24.43	-2.50	19.78	<=38.45	Pass
			25	24.36	-2.50	19.71	<=38.45	Pass
			49	24.24	-2.50	19.59	<=38.45	Pass
		25	0	23.47	-2.50	18.82	<=38.45	Pass
			13	23.44	-2.50	18.79	<=38.45	Pass
			25	23.37	-2.50	18.72	<=38.45	Pass
		50	0	23.30	-2.50	18.65	<=38.45	Pass
64QAM	829	1	0	23.58	-2.50	18.93	<=38.45	Pass
			25	23.68	-2.50	19.03	<=38.45	Pass
			49	23.76	-2.50	19.11	<=38.45	Pass
		25	0	22.35	-2.50	17.70	<=38.45	Pass
			13	22.46	-2.50	17.81	<=38.45	Pass
			25	22.43	-2.50	17.78	<=38.45	Pass
		50	0	22.38	-2.50	17.73	<=38.45	Pass
	836.5	1	0	23.60	-2.50	18.95	<=38.45	Pass
			25	23.67	-2.50	19.02	<=38.45	Pass

		25	49	23.62	-2.50	18.97	<=38.45	Pass
			0	22.50	-2.50	17.85	<=38.45	Pass
			13	22.67	-2.50	18.02	<=38.45	Pass
			25	22.58	-2.50	17.93	<=38.45	Pass
		50	0	22.51	-2.50	17.86	<=38.45	Pass
	844	1	0	23.59	-2.50	18.94	<=38.45	Pass
			25	23.54	-2.50	18.89	<=38.45	Pass
			49	23.38	-2.50	18.73	<=38.45	Pass
		25	0	22.45	-2.50	17.80	<=38.45	Pass
			13	22.48	-2.50	17.83	<=38.45	Pass
			25	22.36	-2.50	17.71	<=38.45	Pass
		50	0	22.36	-2.50	17.71	<=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	-6.111	-0.0073	-2.5 to 2.5	Pass
					NV	-3.884	-0.0046	-2.5 to 2.5	Pass
					HV	-4.137	-0.0049	-2.5 to 2.5	Pass
				-30	NV	-3.701	-0.0044	-2.5 to 2.5	Pass
				-20	NV	-4.028	-0.0048	-2.5 to 2.5	Pass
				-10	NV	-2.790	-0.0033	-2.5 to 2.5	Pass
				0	NV	-0.949	-0.0011	-2.5 to 2.5	Pass
				10	NV	0.201	0.0002	-2.5 to 2.5	Pass
				30	NV	-4.845	-0.0058	-2.5 to 2.5	Pass
				40	NV	-4.178	-0.0050	-2.5 to 2.5	Pass
				50	NV	-3.640	-0.0044	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

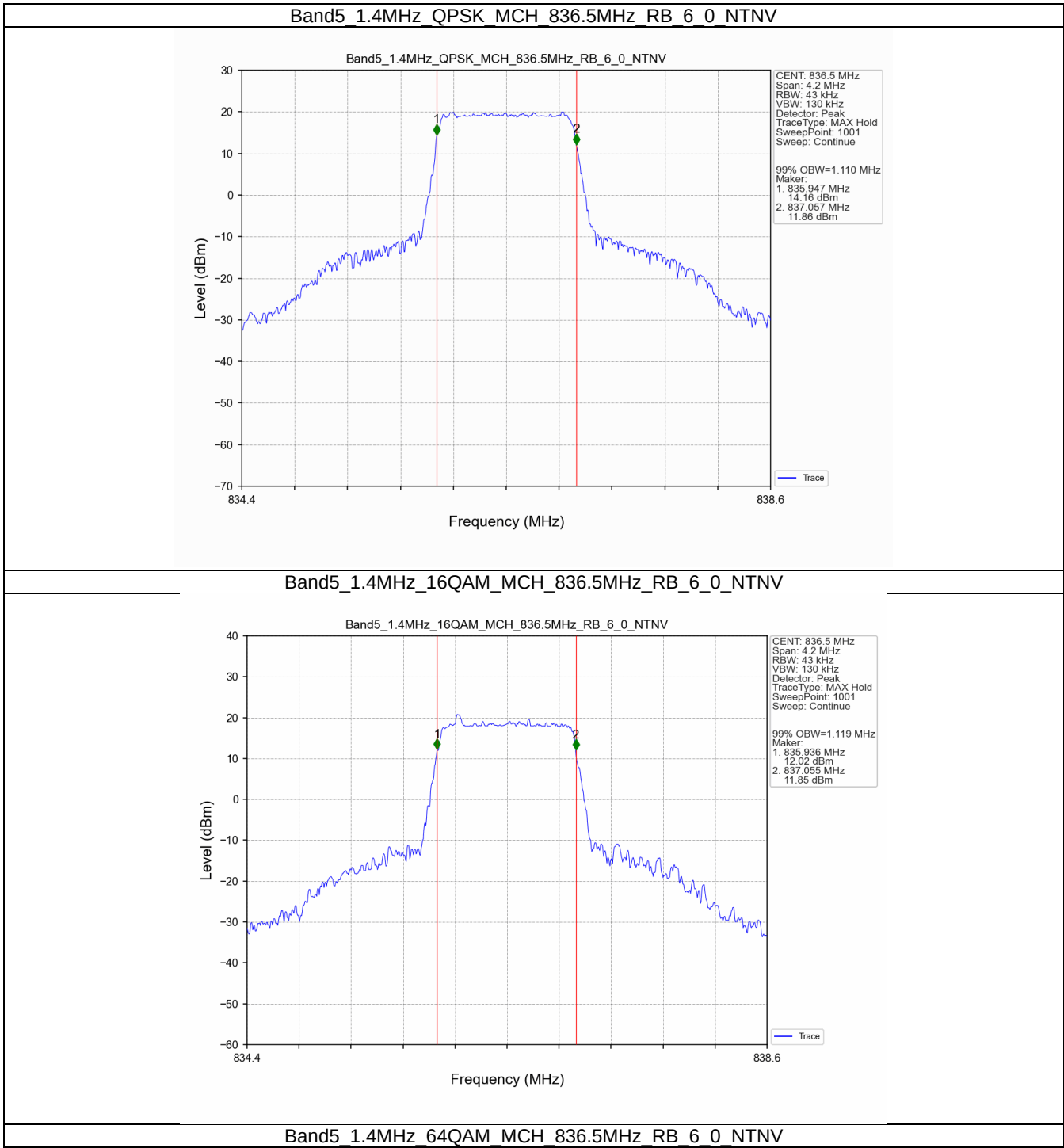
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.110	/	Pass
	16QAM	836.5	6	0	1.119	/	Pass
	64QAM	836.5	6	0	1.103	/	Pass
3	QPSK	836.5	15	0	2.735	/	Pass
	16QAM	836.5	15	0	2.747	/	Pass
	64QAM	836.5	15	0	2.735	/	Pass
5	QPSK	836.5	25	0	4.561	/	Pass
	16QAM	836.5	25	0	4.547	/	Pass
	64QAM	836.5	25	0	4.572	/	Pass
10	QPSK	836.5	50	0	9.043	/	Pass
	16QAM	836.5	50	0	9.041	/	Pass
	64QAM	836.5	50	0	9.040	/	Pass

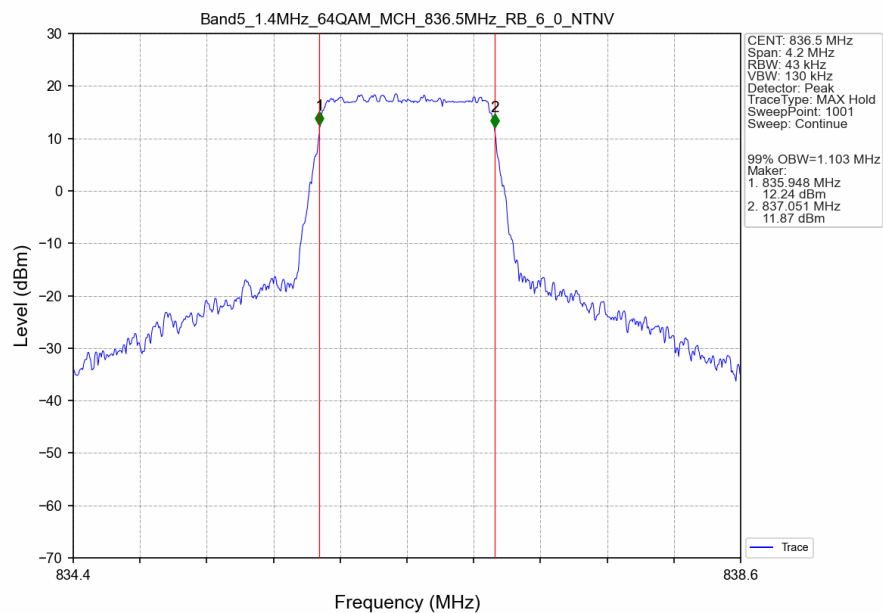
3.1.2 Band5_XDB

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	1.313	/	Pass
	16QAM	836.5	6	0	1.302	/	Pass
	64QAM	836.5	6	0	1.299	/	Pass
3	QPSK	836.5	15	0	3.061	/	Pass
	16QAM	836.5	15	0	3.047	/	Pass
	64QAM	836.5	15	0	3.050	/	Pass
5	QPSK	836.5	25	0	4.987	/	Pass
	16QAM	836.5	25	0	4.988	/	Pass
	64QAM	836.5	25	0	5.017	/	Pass
10	QPSK	836.5	50	0	9.985	/	Pass
	16QAM	836.5	50	0	9.900	/	Pass
	64QAM	836.5	50	0	9.907	/	Pass

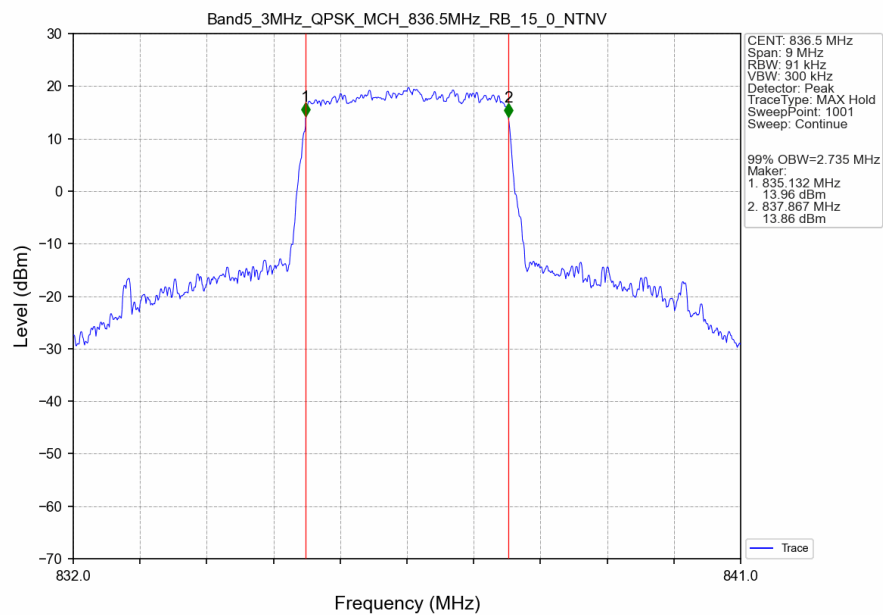
3.2 Test Graph

3.2.1 Band5_OBW

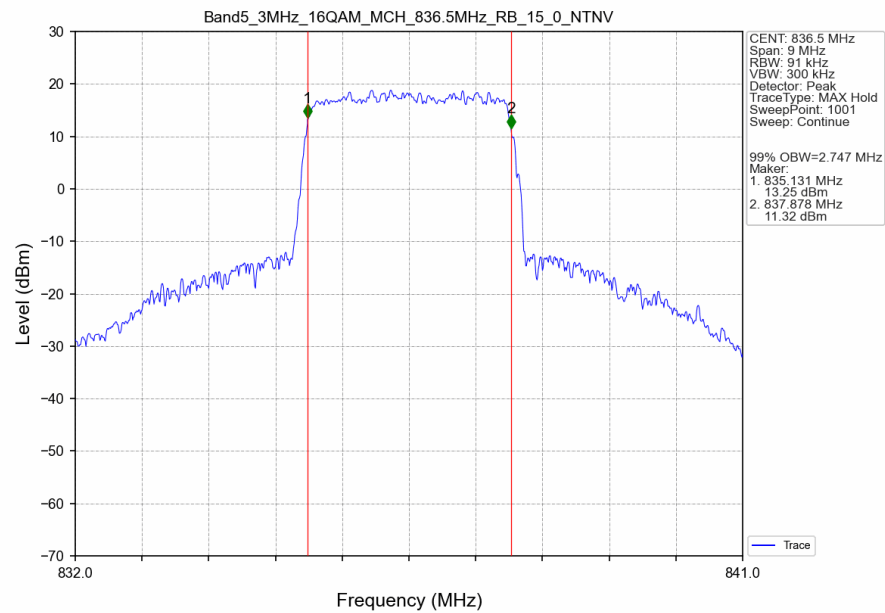




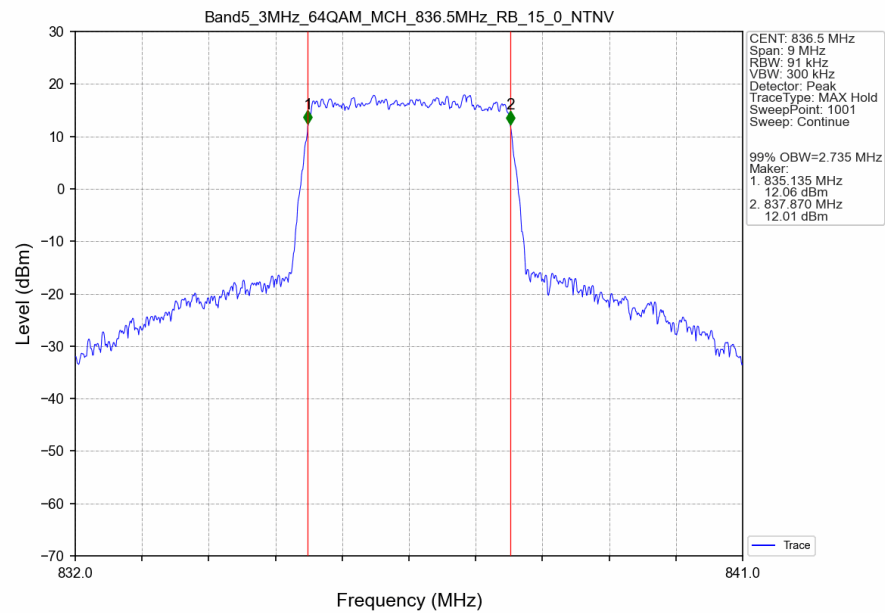
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



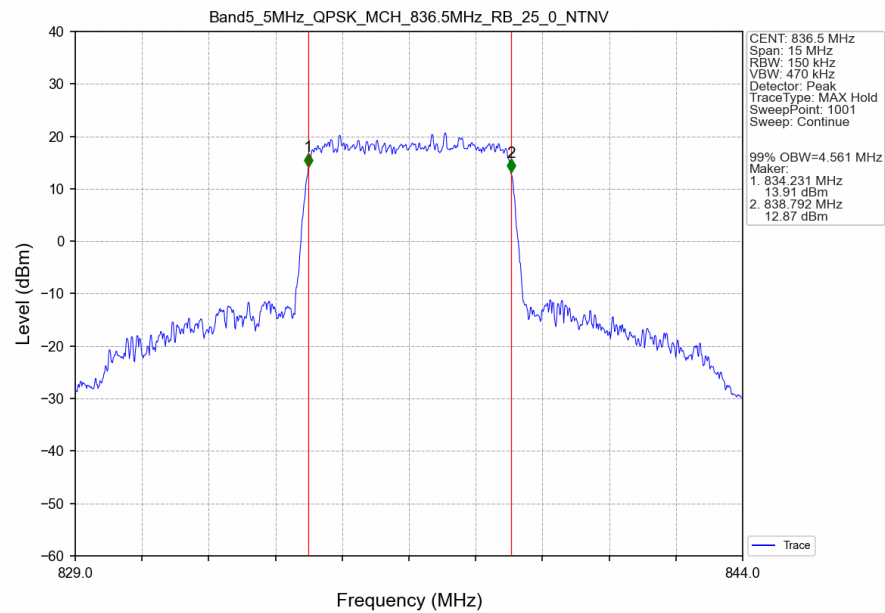
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



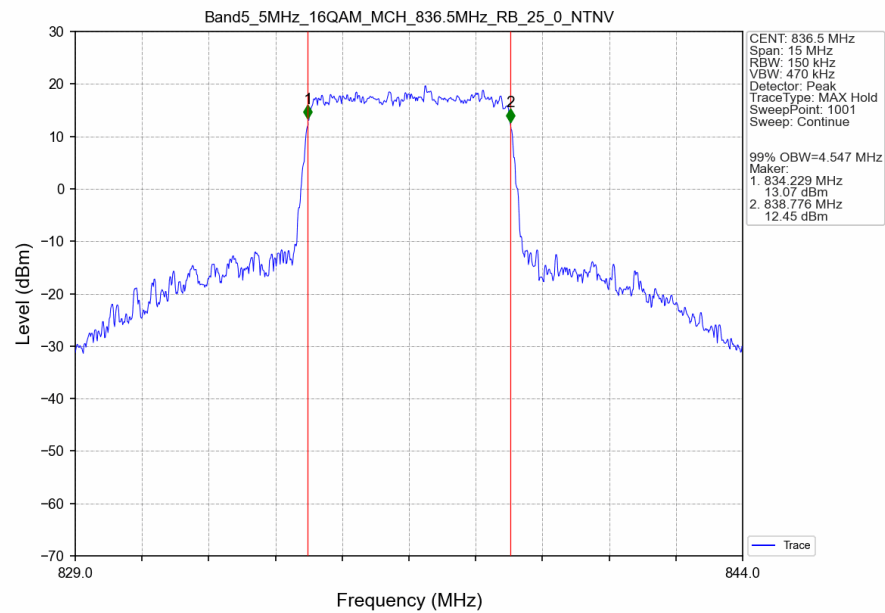
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



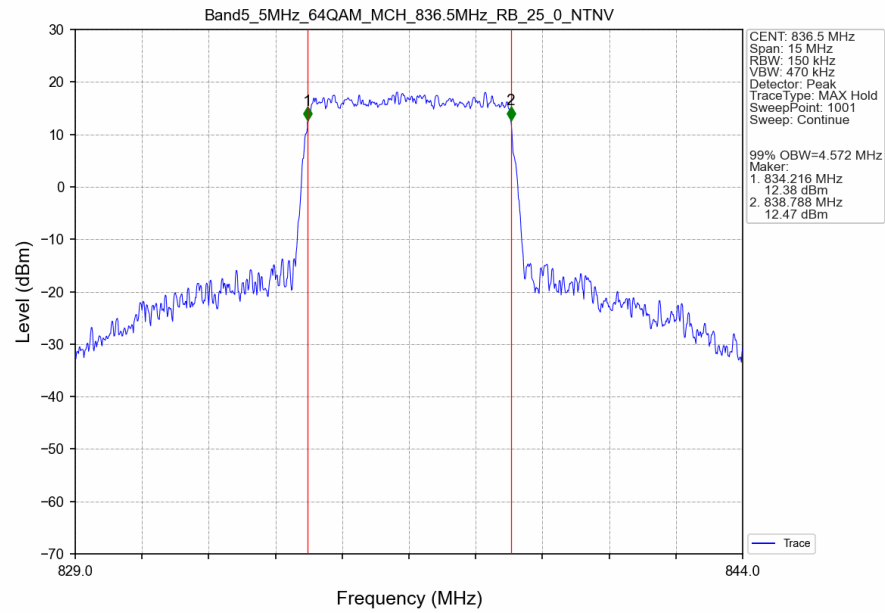
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



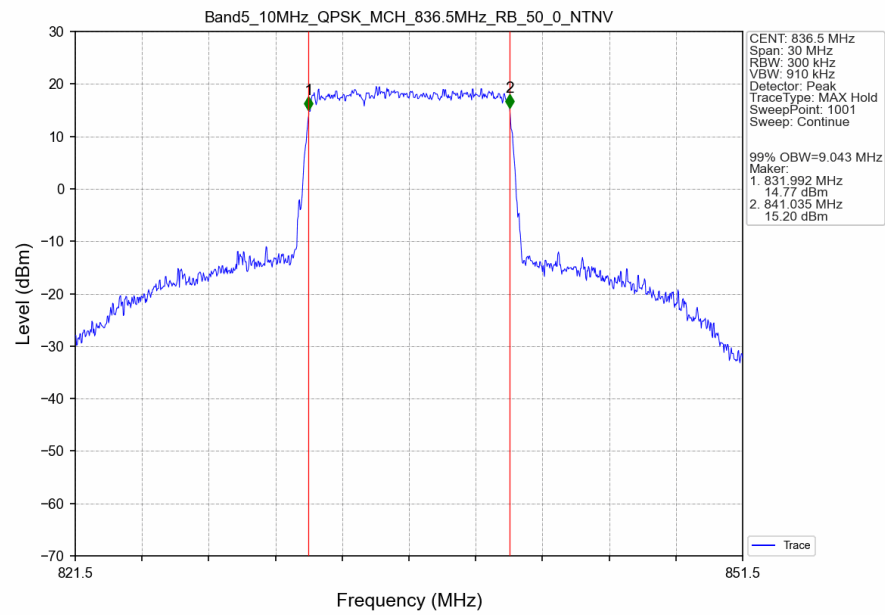
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



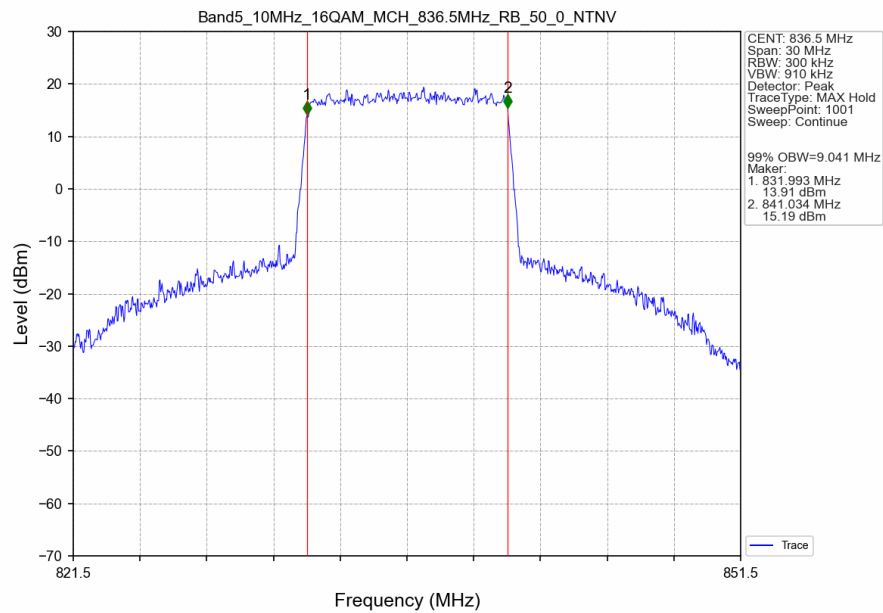
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



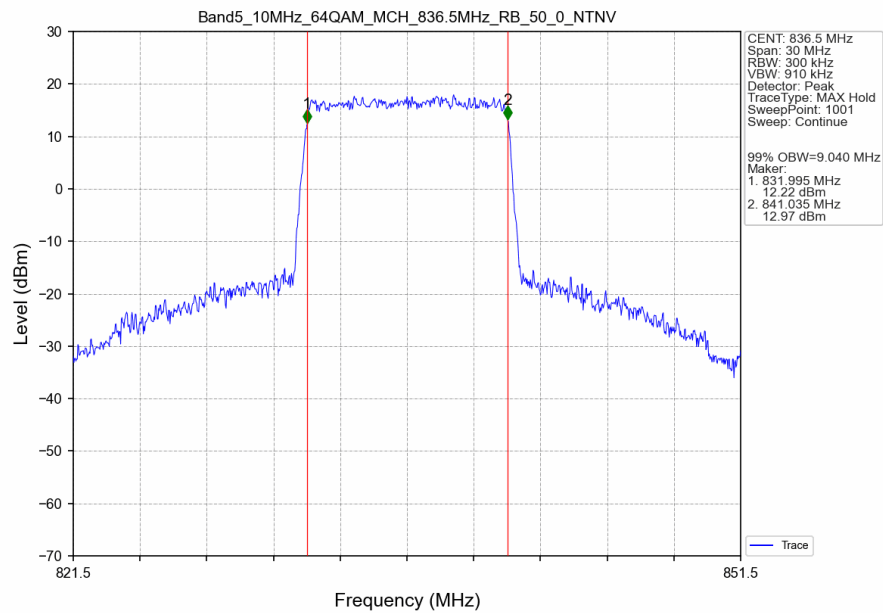
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



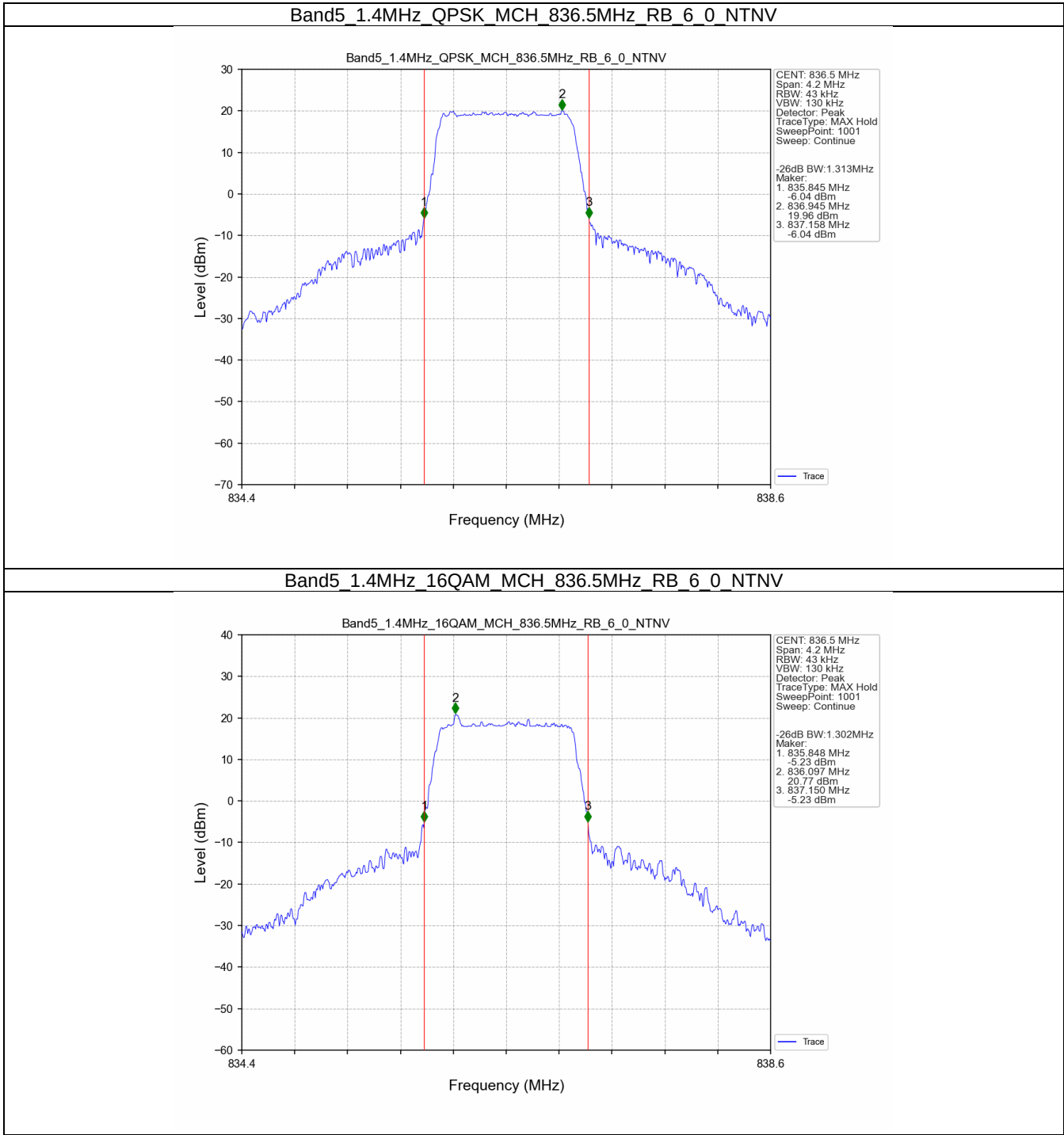
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



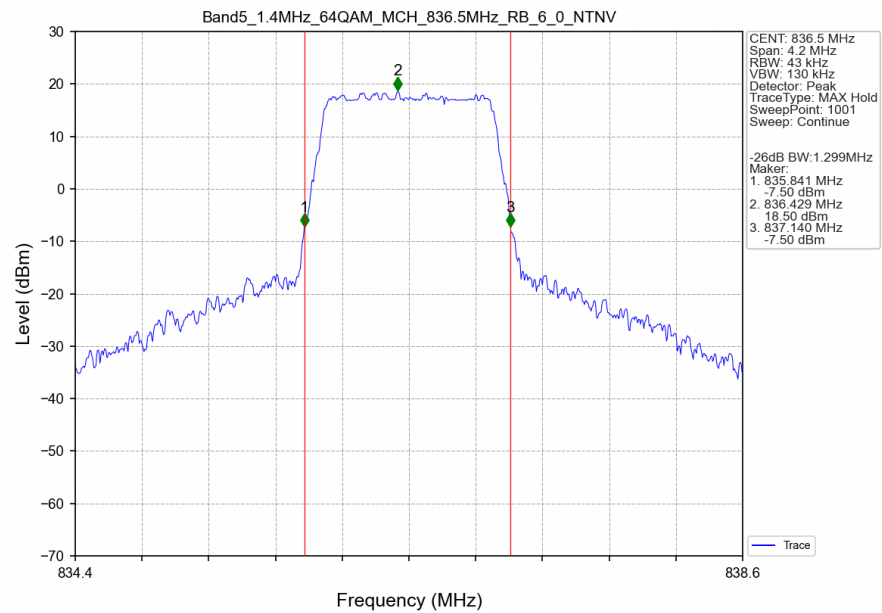
Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



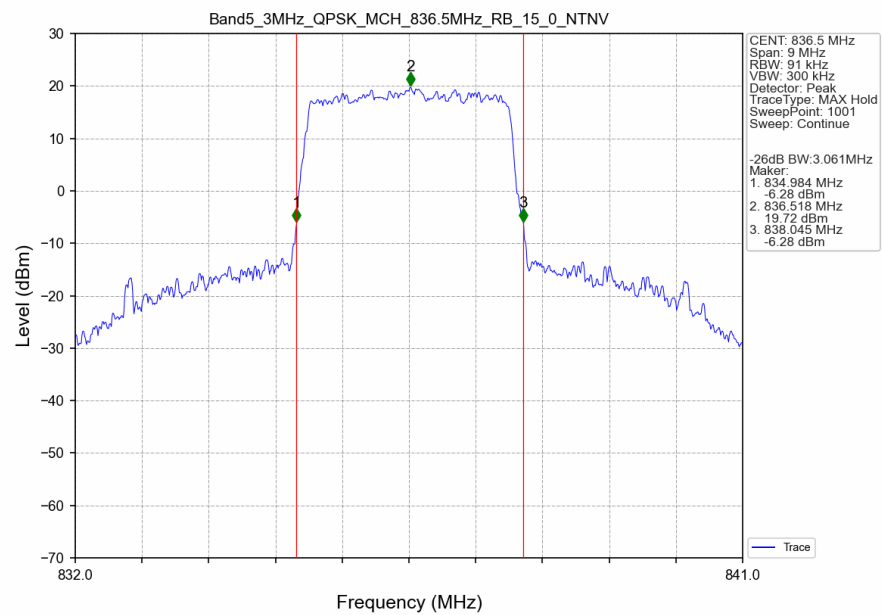
3.2.2 Band5_XDB



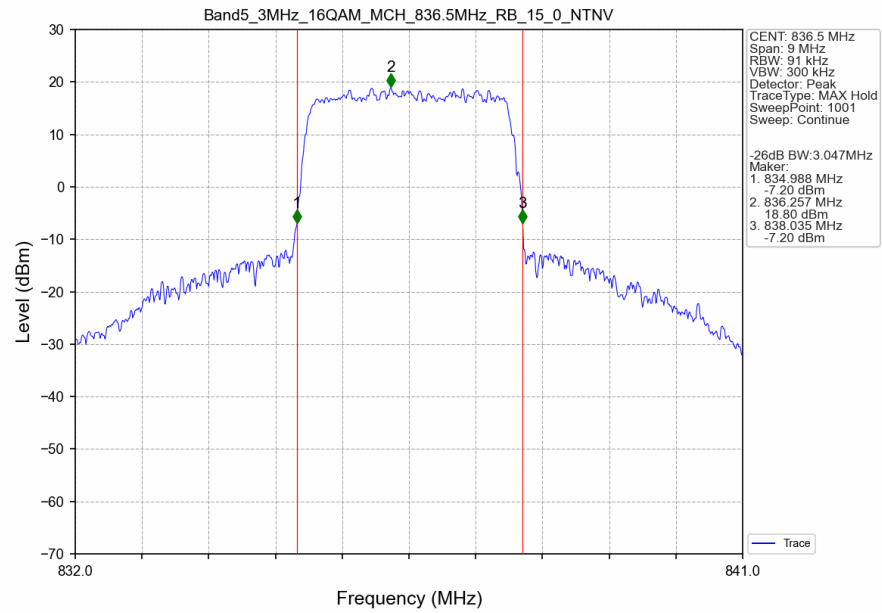
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



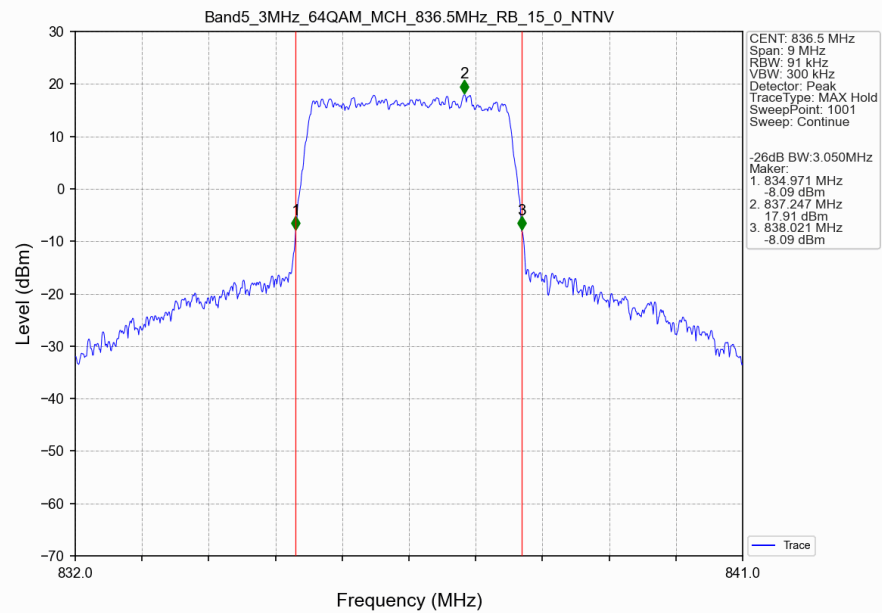
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



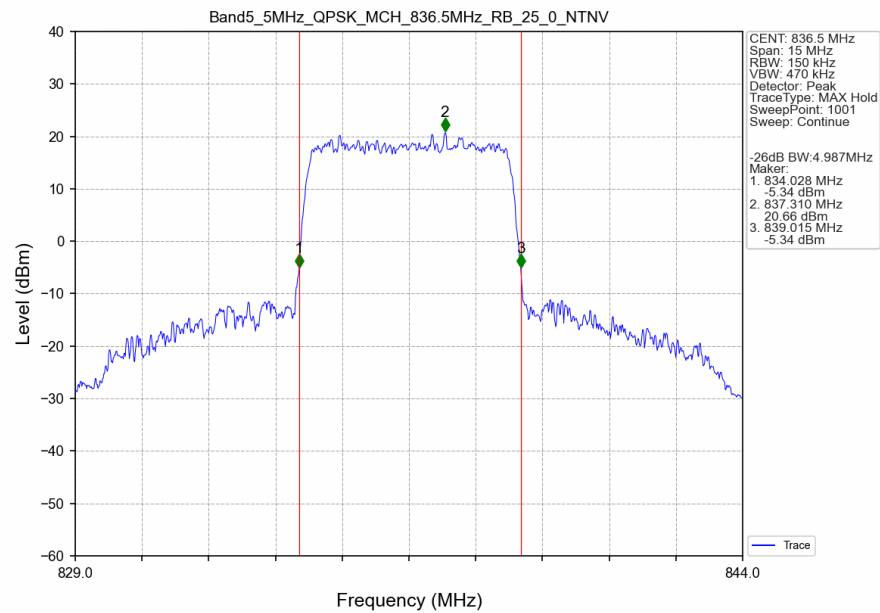
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



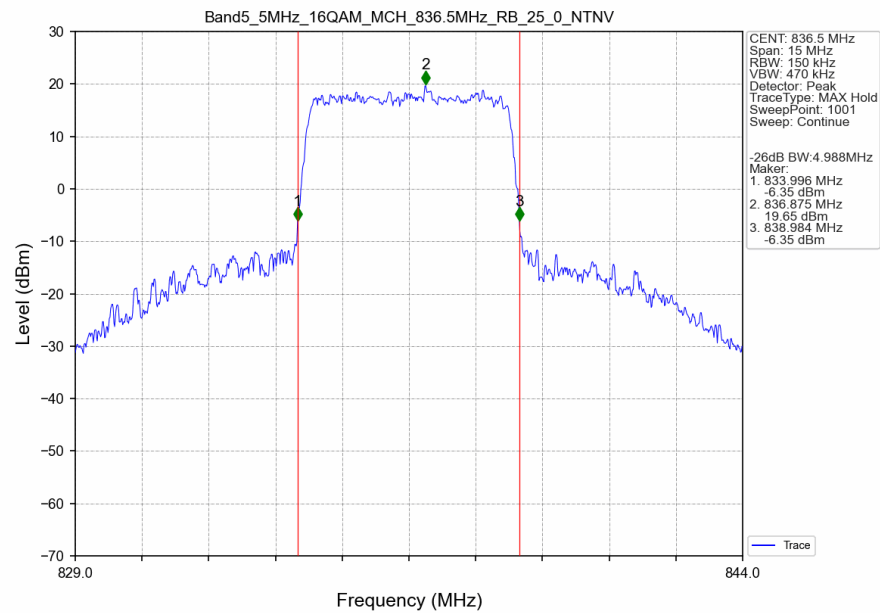
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



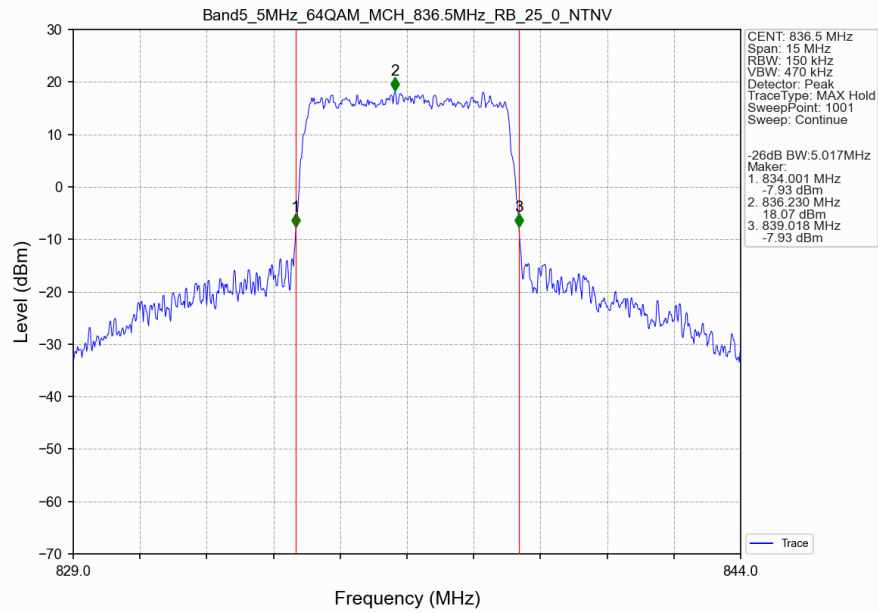
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



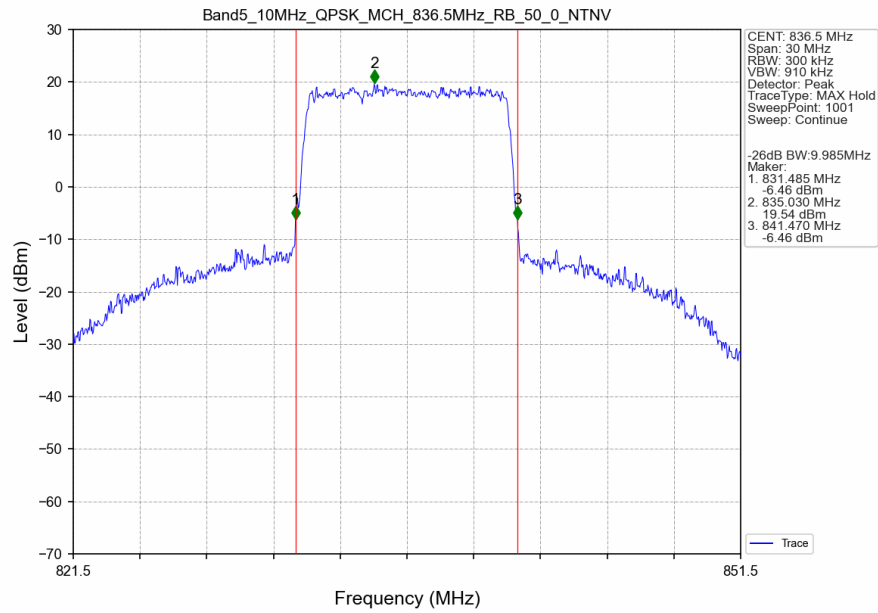
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



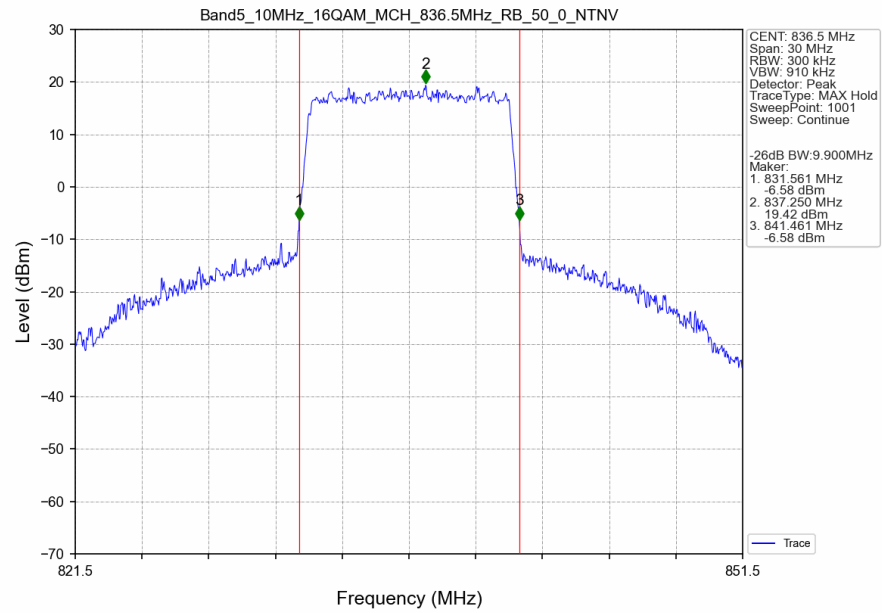
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



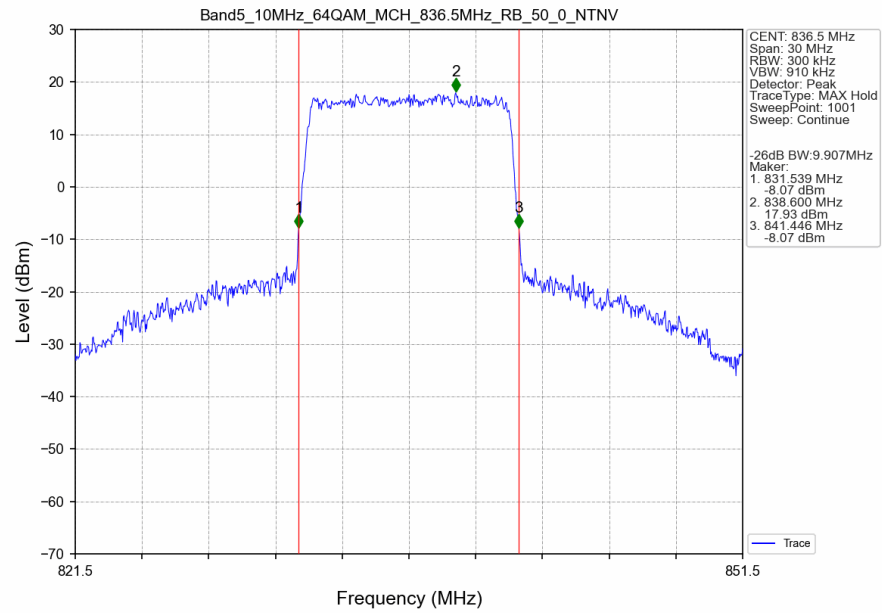
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

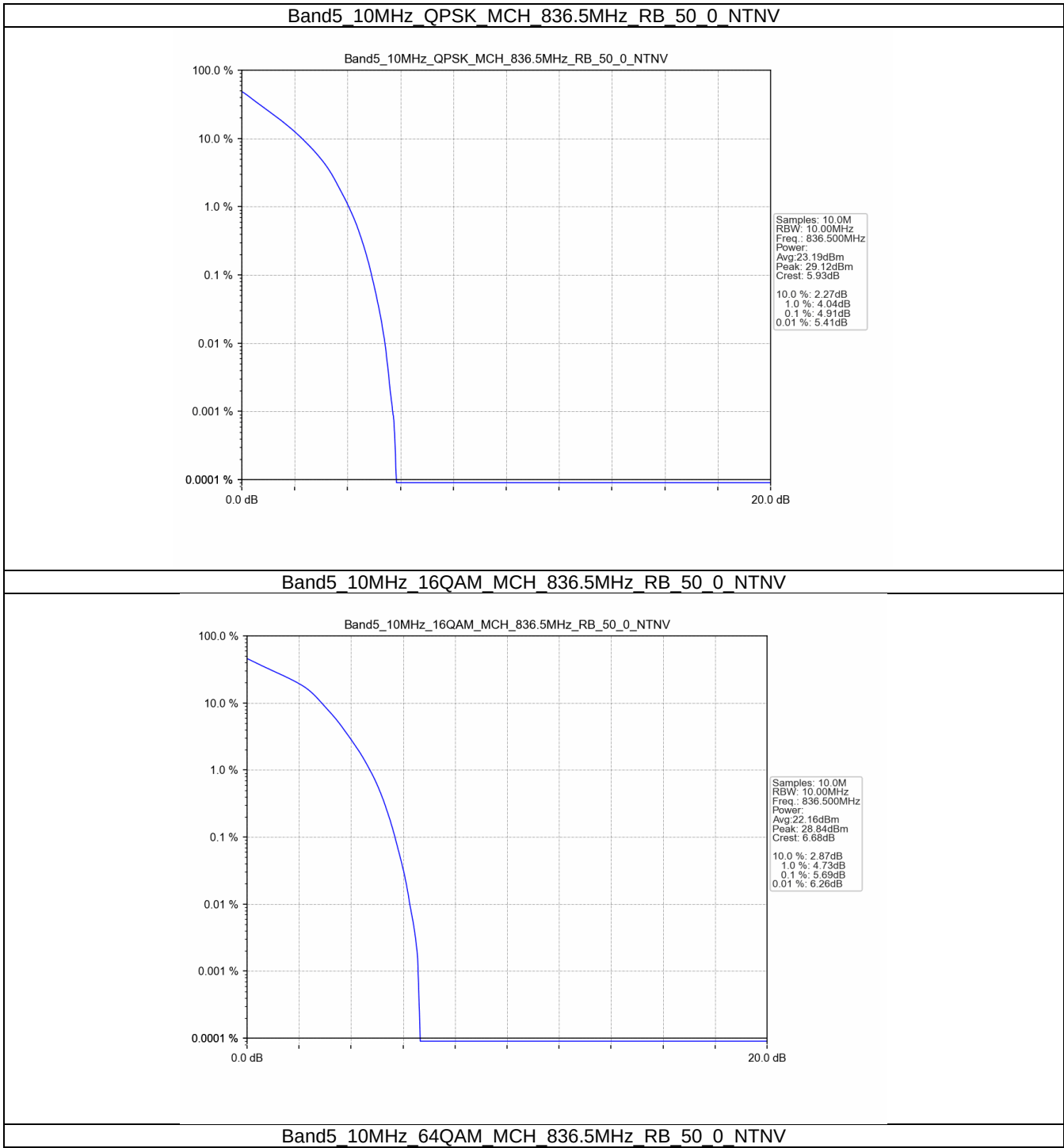
4.1 Test Result

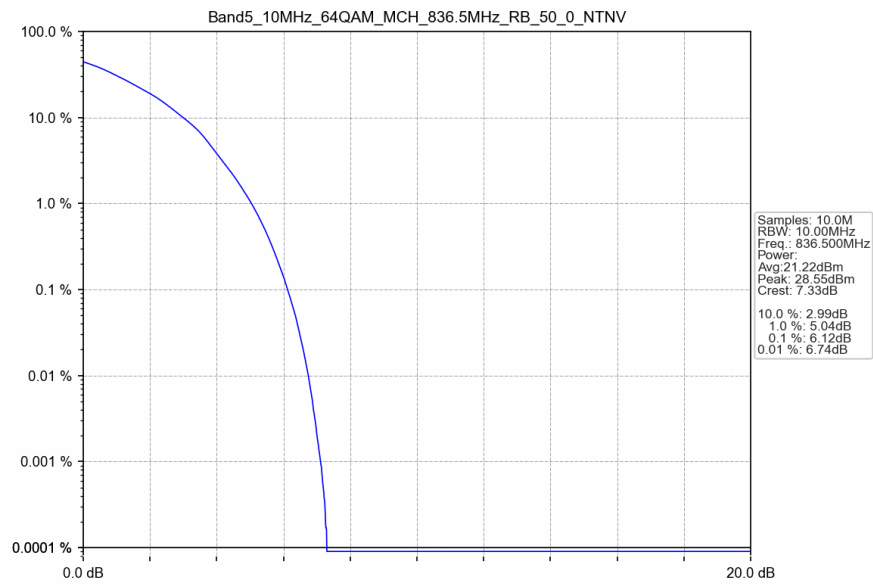
4.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	4.91	<=13	Pass
16QAM	836.5	50	0	5.69	<=13	Pass
64QAM	836.5	50	0	6.12	<=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 / NTV						
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	
	14			Refer To Test Graph		Pass
	15		0	Refer To Test Graph		Pass

5.1.3 B5_5MHz

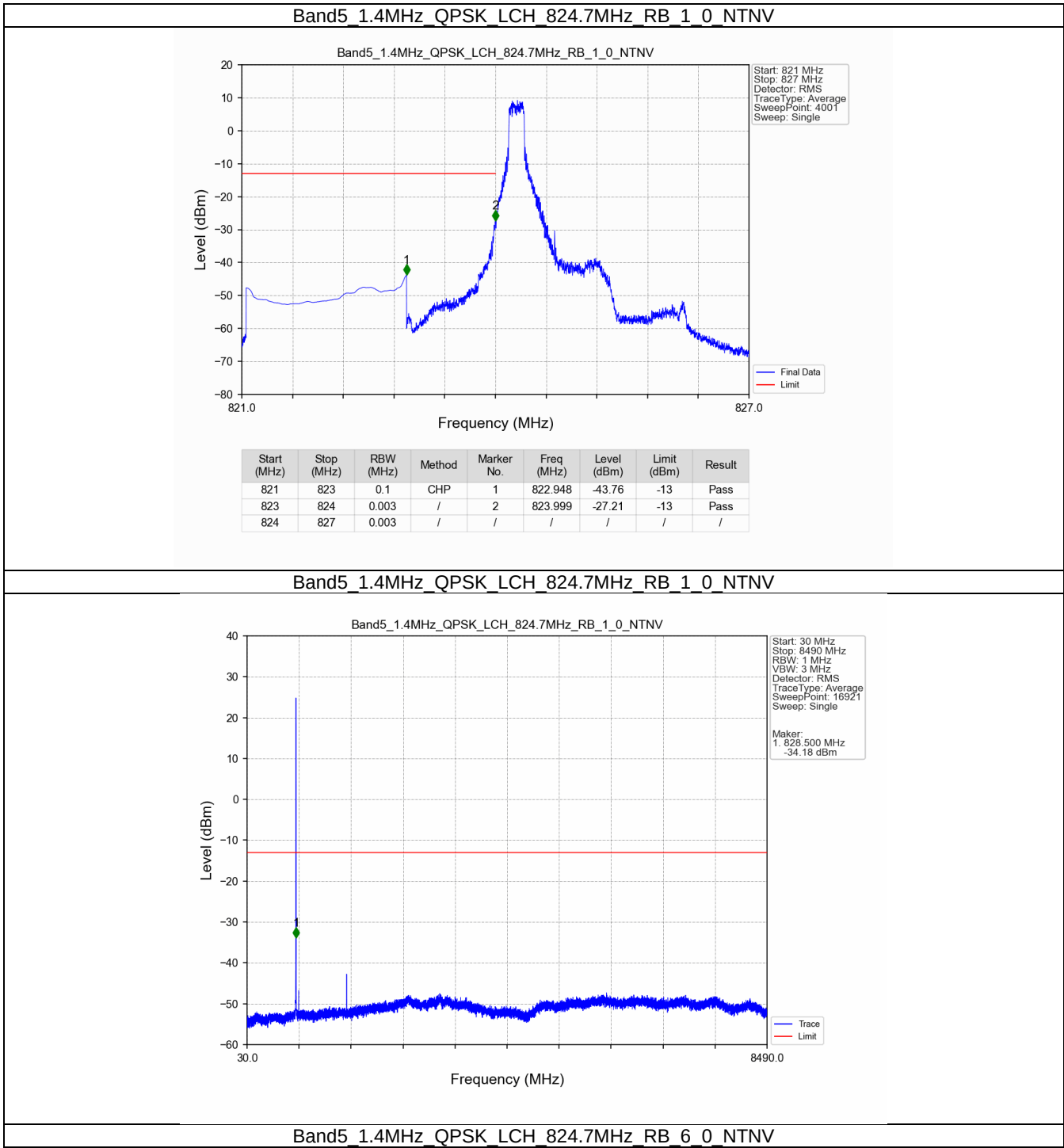
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

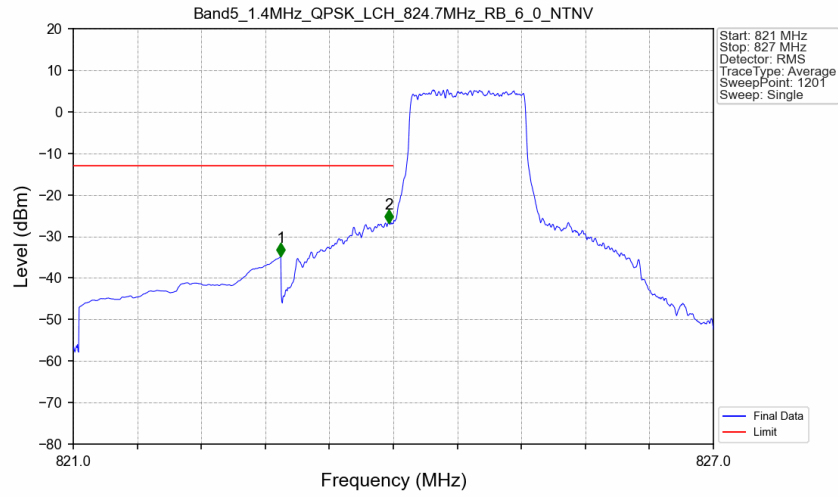
5.1.4 B5_10MHz

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

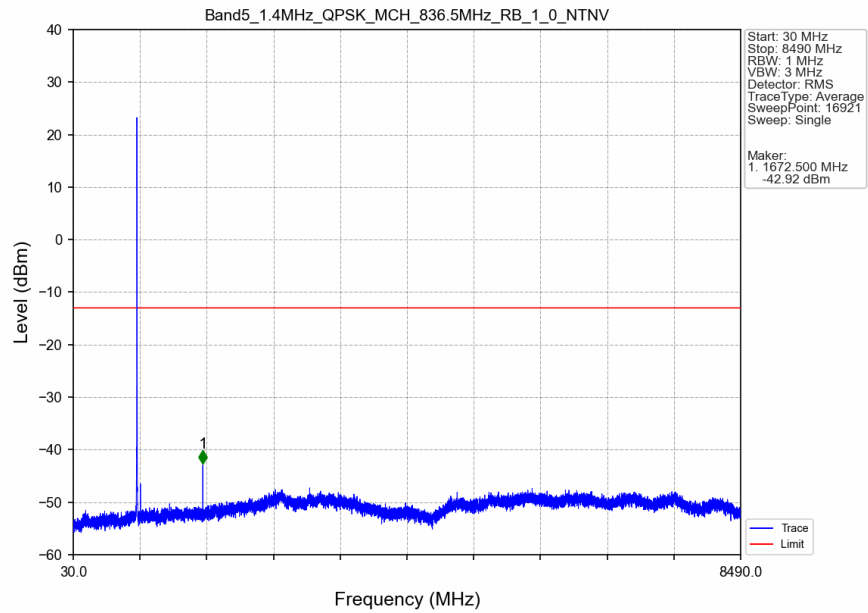
5.2.1 B5_1.4MHz



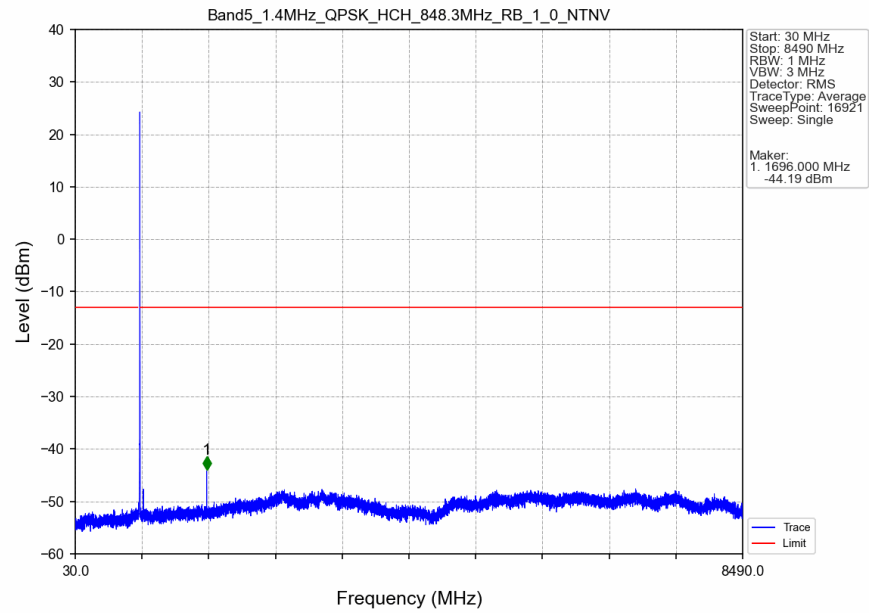


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-34.82	-13	Pass
823	824	0.013	CHP	2	823.960	-26.73	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

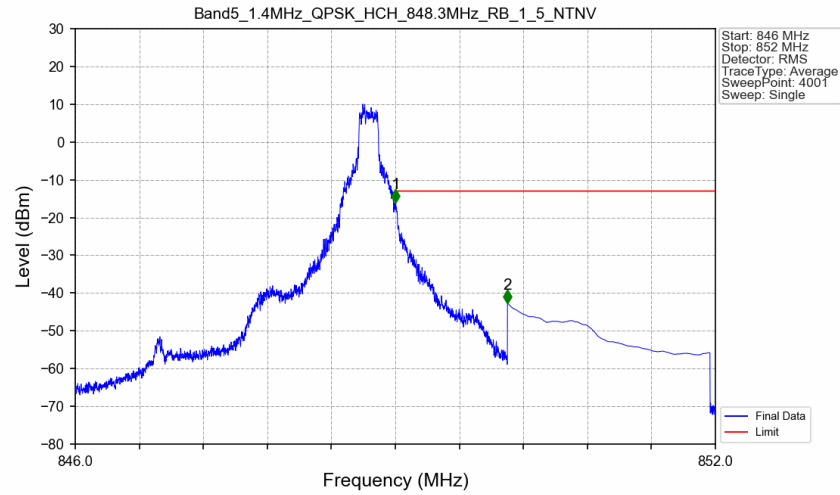
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB_1_0 NTN

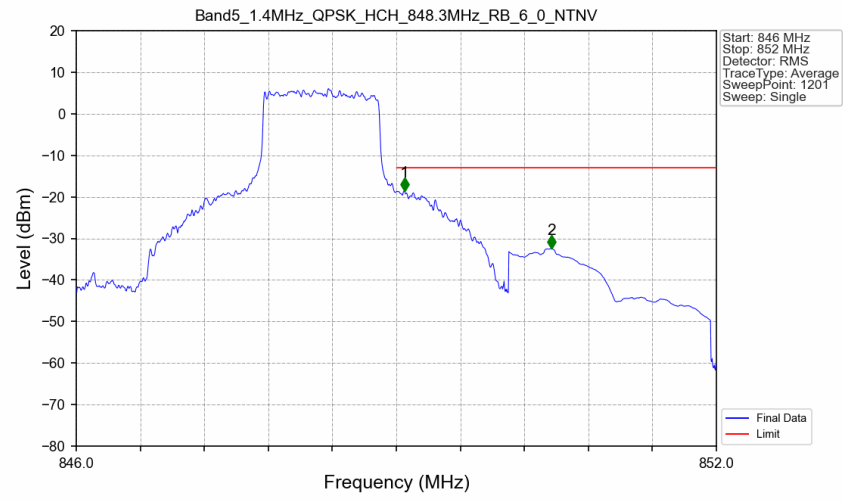


Band5 1.4MHz QPSK HCH 848.3MHz RB_1_5 NTN



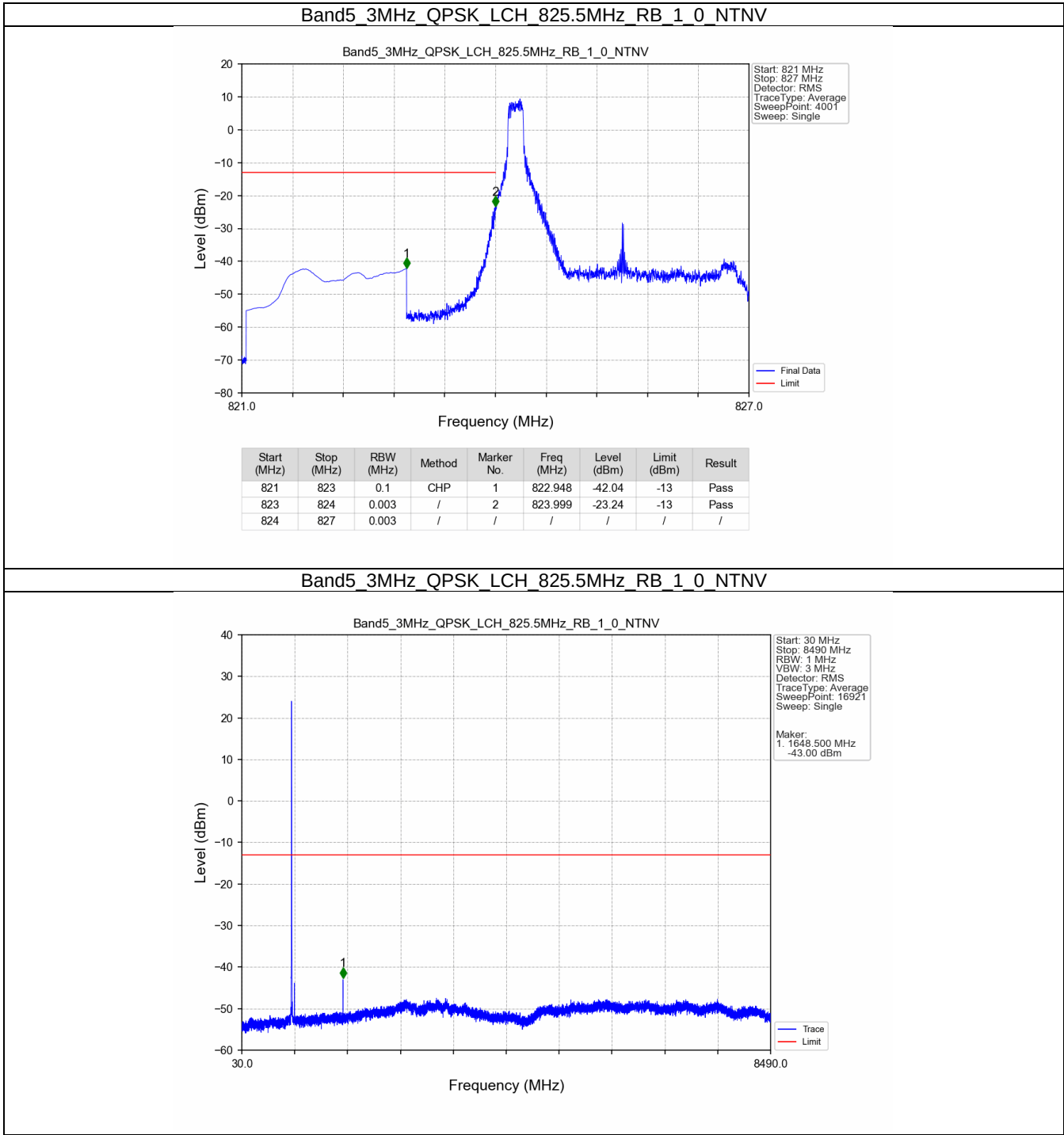
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-16.08	-13	Pass
850	852	0.1	CHP	2	850.052	-42.72	-13	Pass

Band5 1.4MHz QPSK_HCH 848.3MHz RB_6_0 NTN

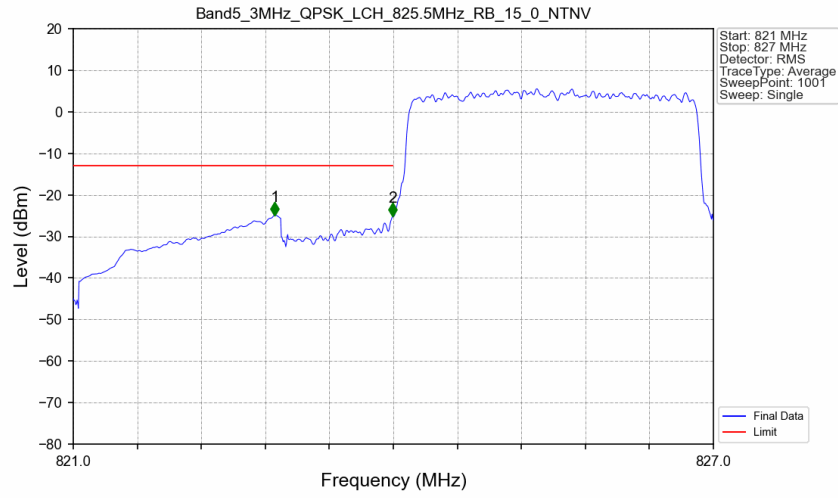


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.075	-18.55	-13	Pass
850	852	0.1	CHP	2	850.455	-32.47	-13	Pass

5.2.2 B5_3MHz

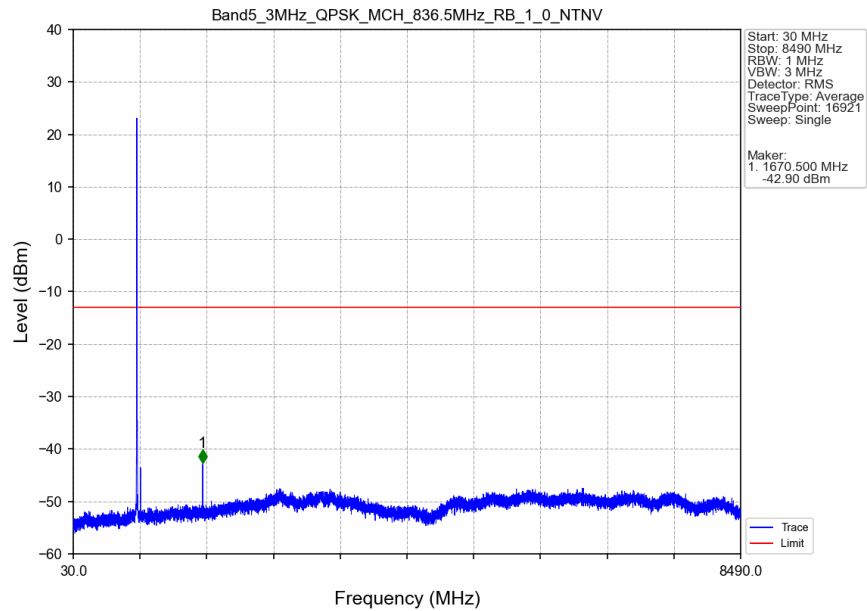


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

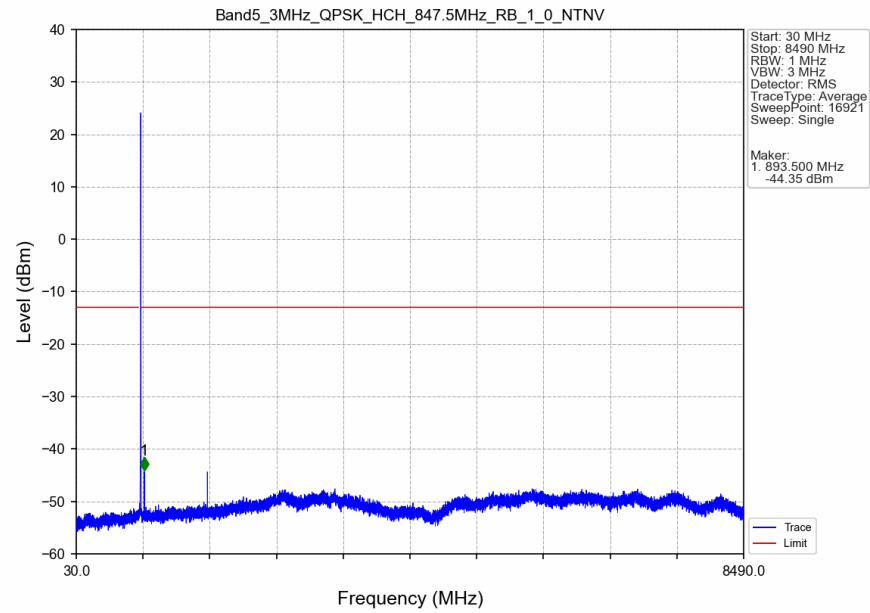


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.890	-24.87	-13	Pass
823	824	0.031	CHP	2	823.994	-25.19	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

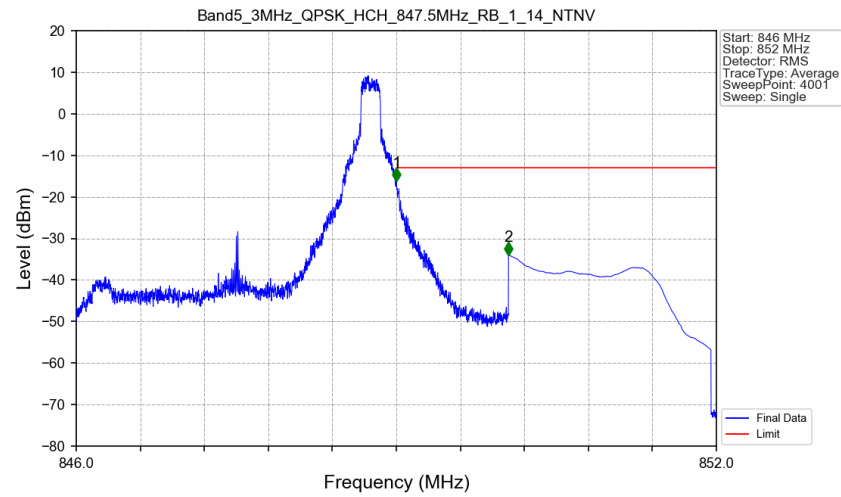
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

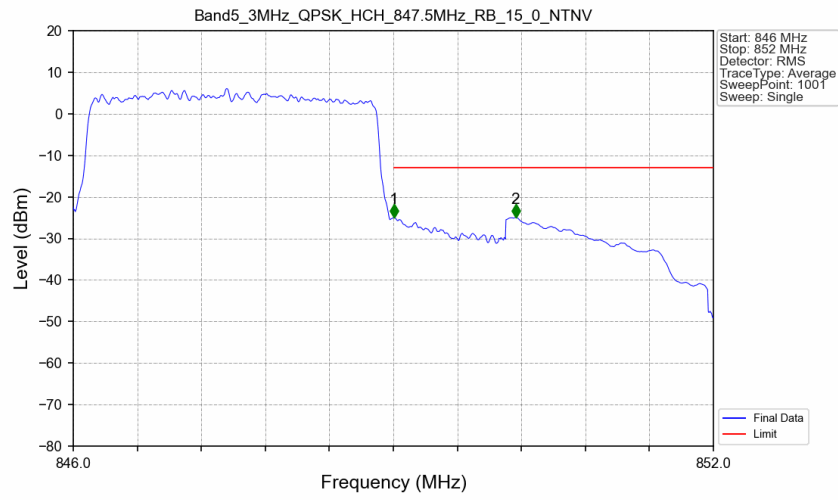


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



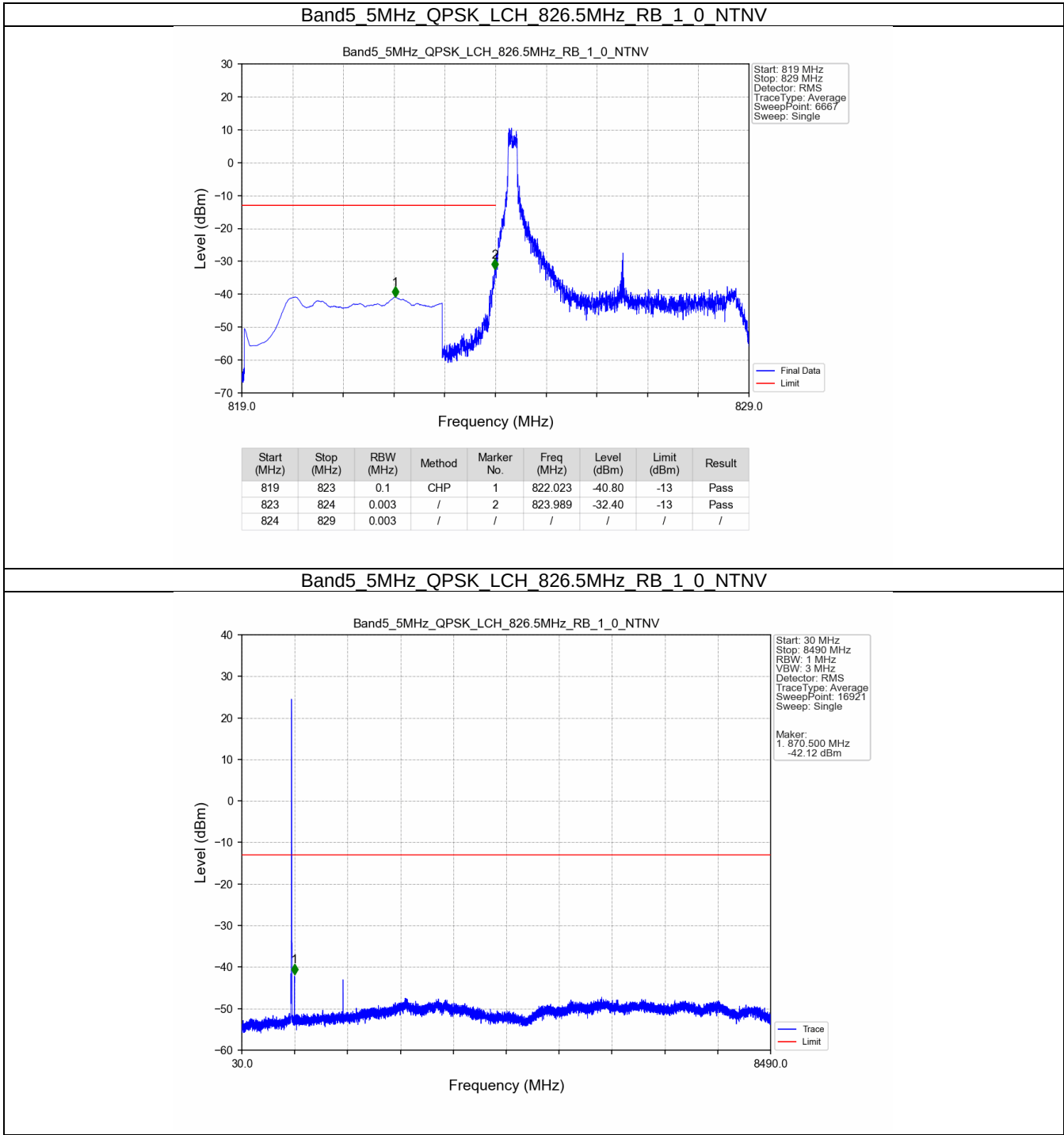
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-16.23	-13	Pass
850	852	0.1	CHP	2	850.053	-34.05	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

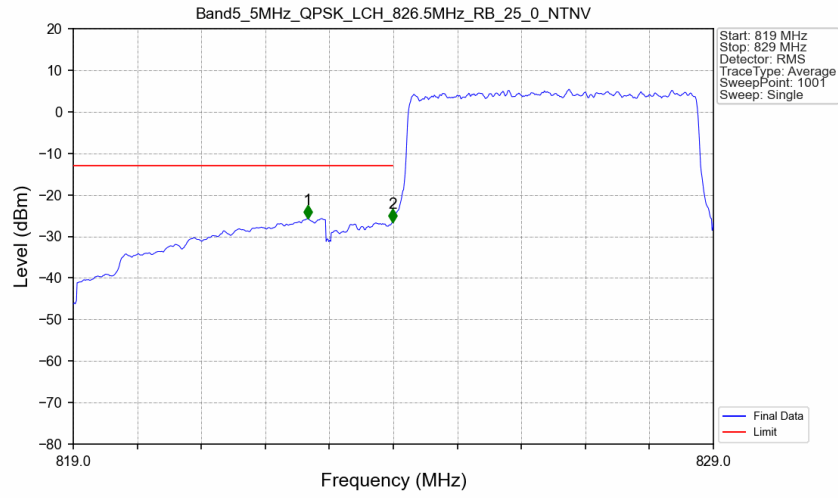


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-24.99	-13	Pass
850	852	0.1	CHP	2	850.146	-24.95	-13	Pass

5.2.3 B5_5MHz

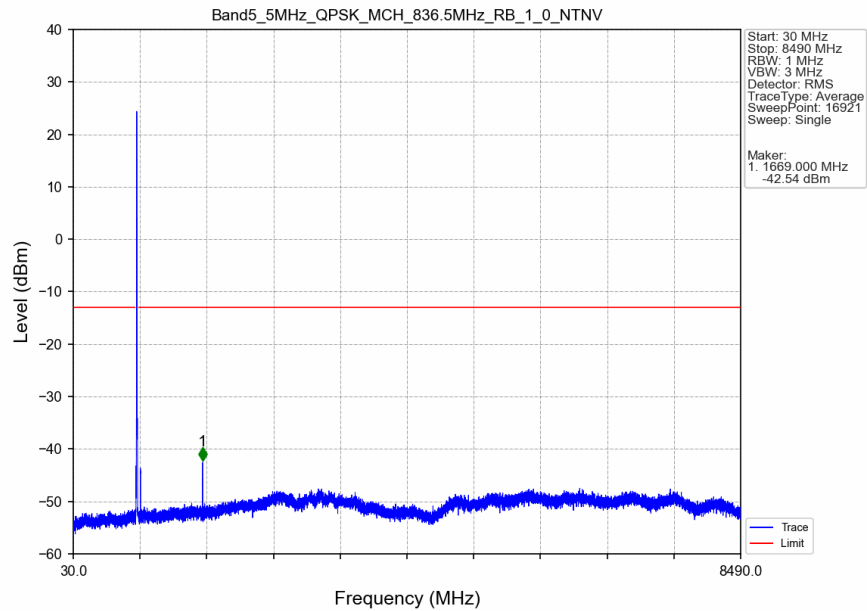


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

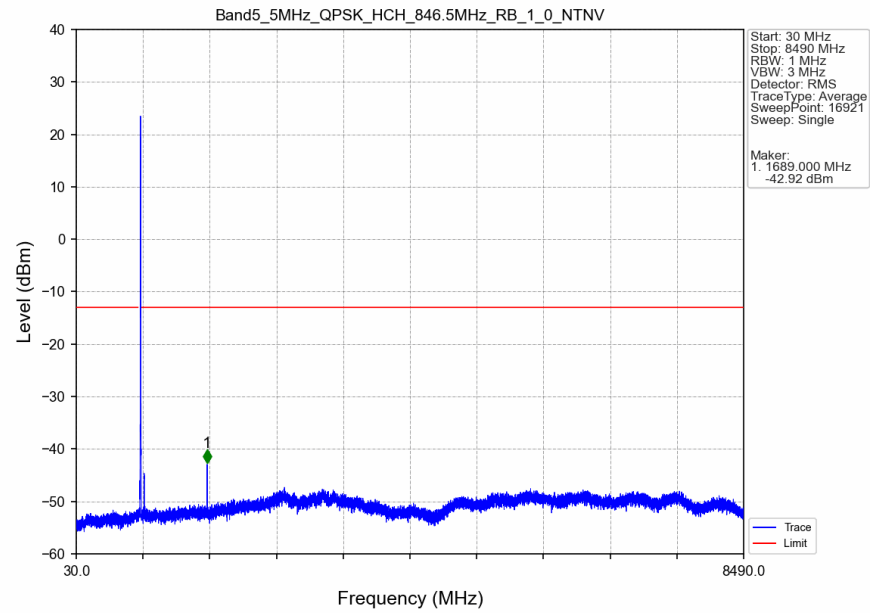


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.660	-25.69	-13	Pass
823	824	0.05	CHP	2	823.990	-26.54	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

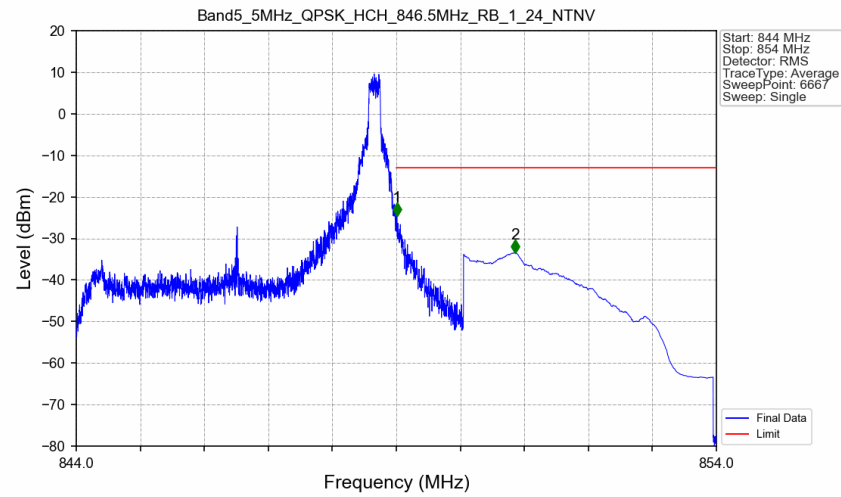
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

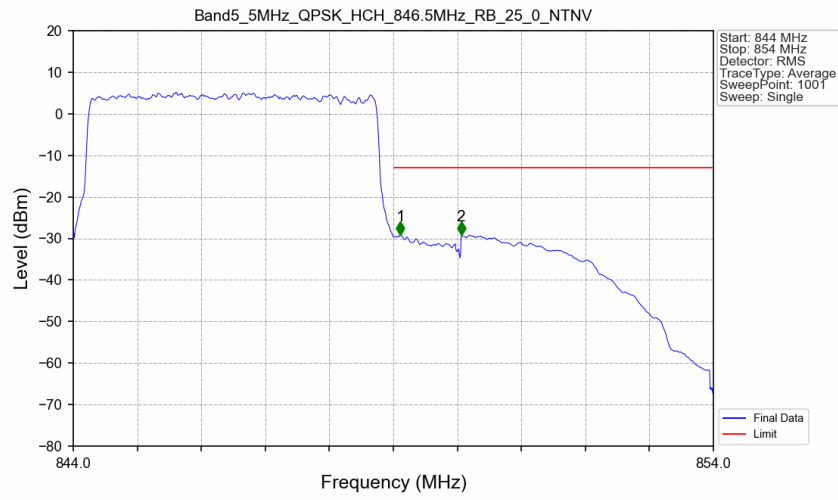


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



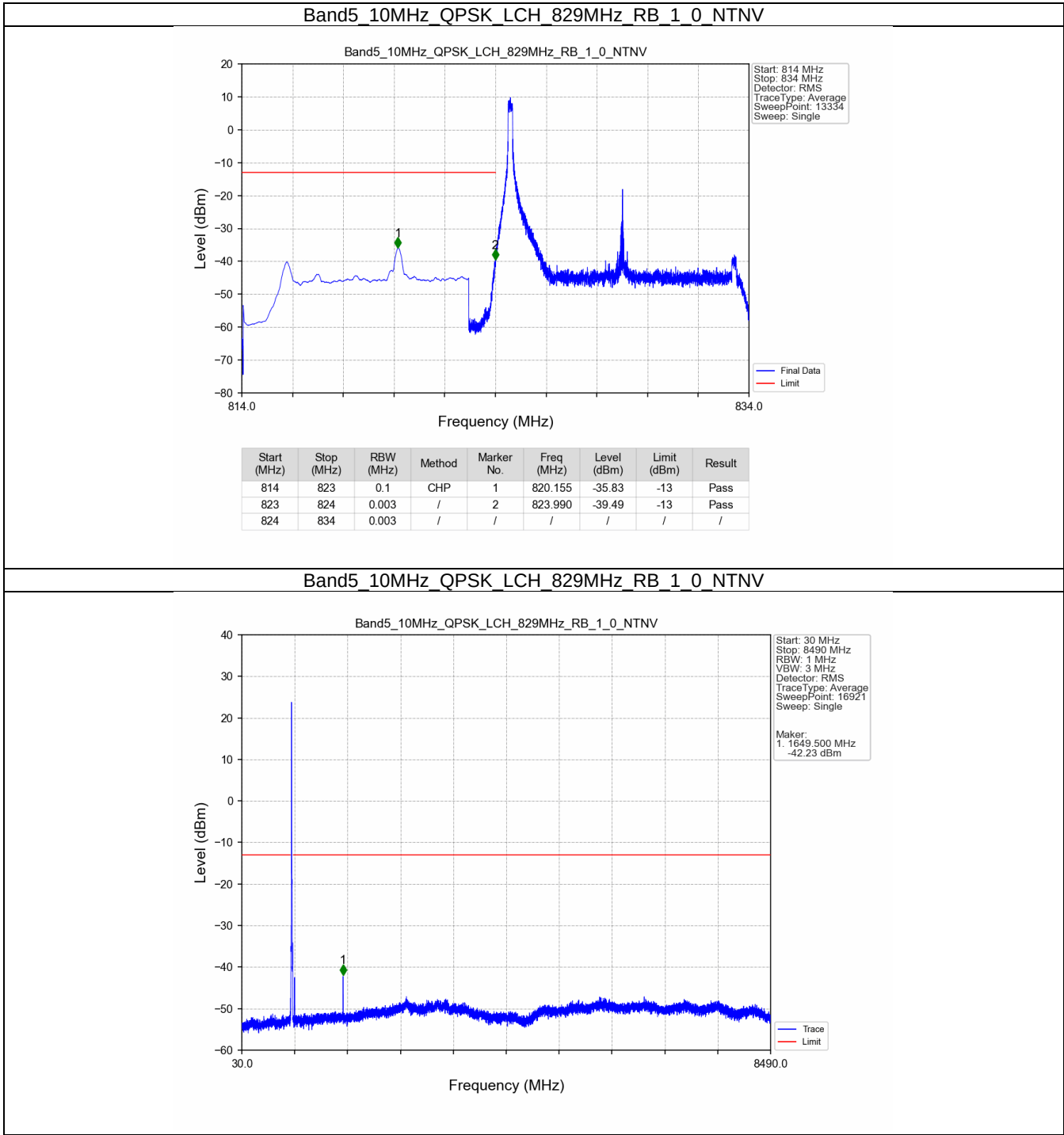
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-24.61	-13	Pass
850	854	0.1	CHP	2	850.856	-33.47	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

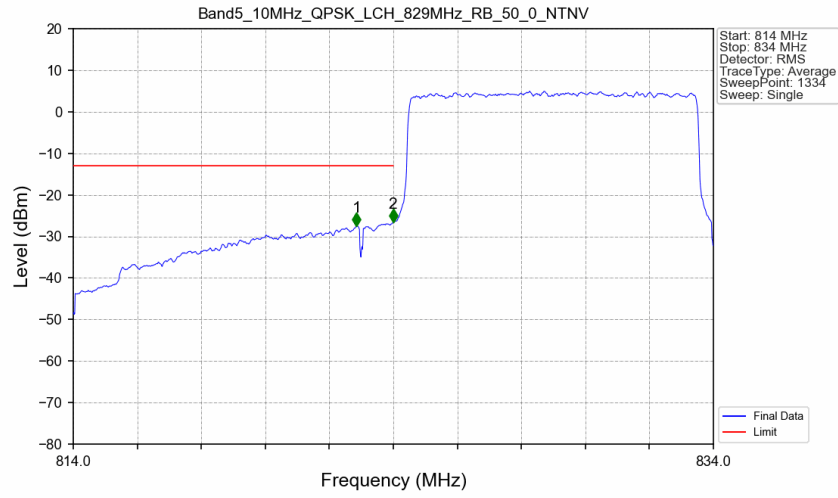


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.110	-29.13	-13	Pass
850	854	0.1	CHP	2	850.060	-29.07	-13	Pass

5.2.4 B5_10MHz

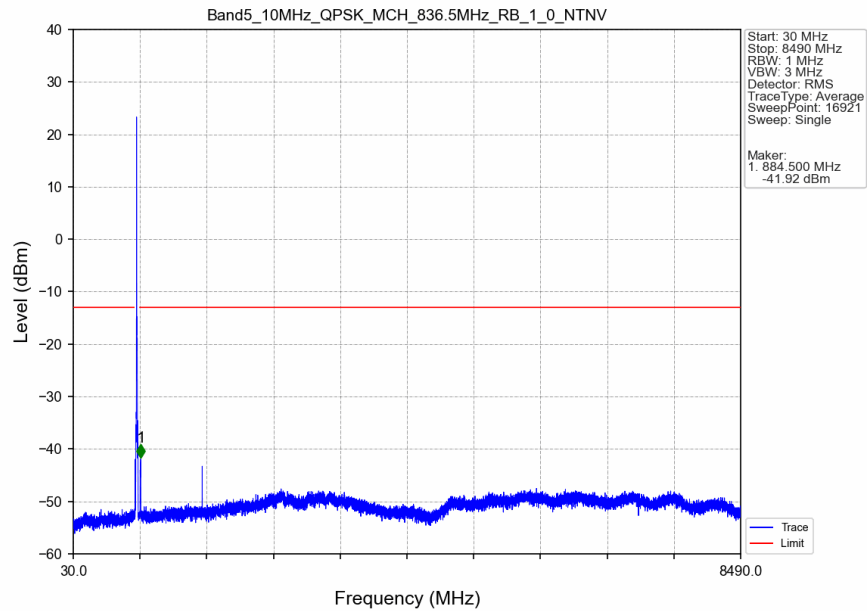


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

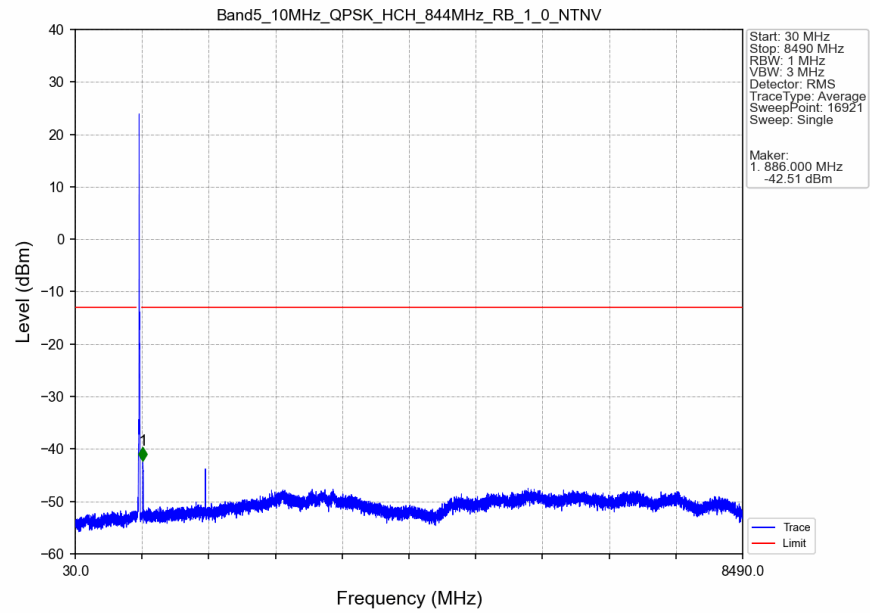


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.852	-27.48	-13	Pass
823	824	0.099	CHP	2	823.992	-26.49	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

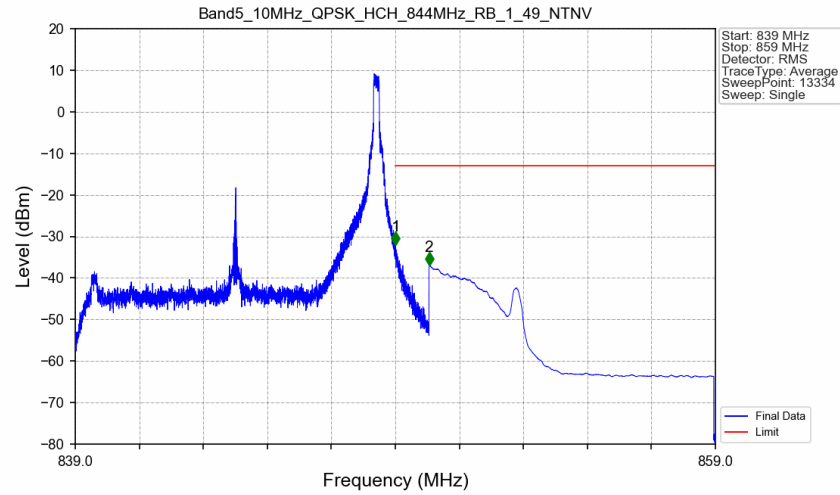
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

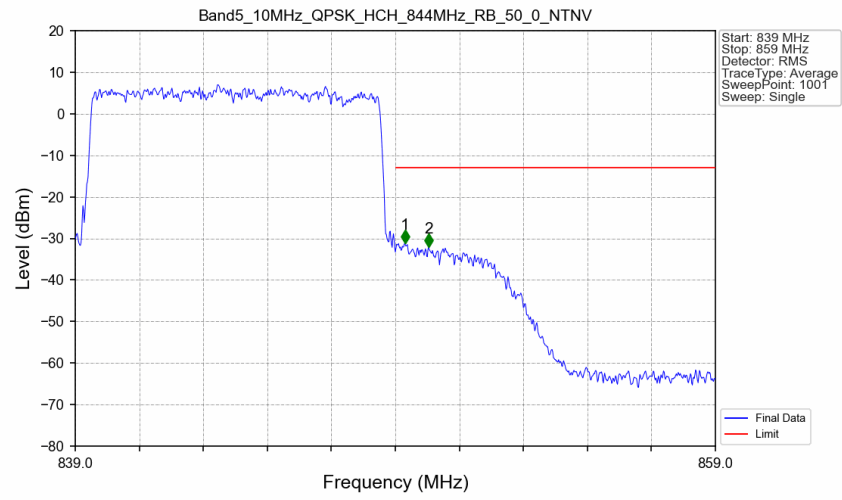


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.011	-32.12	-13	Pass
850	859	0.1	CHP	2	850.052	-37.00	-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	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.300	-31.21	-13	Pass
850	859	0.1	/	2	850.040	-32.10	-13	Pass

- End of the Appendix -