

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	22.61	4.50	24.96	<=38.45	Pass	
			2	22.68	4.50	25.03	<=38.45	Pass	
			5	22.61	4.50	24.96	<=38.45	Pass	
		3	0	22.61	4.50	24.96	<=38.45	Pass	
			2	22.58	4.50	24.93	<=38.45	Pass	
			3	22.57	4.50	24.92	<=38.45	Pass	
		6	0	21.56	4.50	23.91	<=38.45	Pass	
	836.5	1	0	23.14	4.50	25.49	<=38.45	Pass	
			2	23.32	4.50	25.67	<=38.45	Pass	
			5	23.28	4.50	25.63	<=38.45	Pass	
		3	0	23.26	4.50	25.61	<=38.45	Pass	
			2	23.28	4.50	25.63	<=38.45	Pass	
			3	23.26	4.50	25.61	<=38.45	Pass	
	848.3	6	0	22.25	4.50	24.60	<=38.45	Pass	
			1	0	22.79	4.50	25.14	<=38.45	Pass
				2	22.81	4.50	25.16	<=38.45	Pass
		5		22.74	4.50	25.09	<=38.45	Pass	
		3	0	22.77	4.50	25.12	<=38.45	Pass	
			2	22.84	4.50	25.19	<=38.45	Pass	
			3	22.81	4.50	25.16	<=38.45	Pass	
	16QAM	824.7	6	0	21.74	4.50	24.09	<=38.45	Pass
1				0	21.72	4.50	24.07	<=38.45	Pass
				2	21.71	4.50	24.06	<=38.45	Pass
			5	21.71	4.50	24.06	<=38.45	Pass	
3			0	21.58	4.50	23.93	<=38.45	Pass	
			2	21.60	4.50	23.95	<=38.45	Pass	
			3	21.61	4.50	23.96	<=38.45	Pass	
6		0	20.74	4.50	23.09	<=38.45	Pass		
836.5		1	0	22.08	4.50	24.43	<=38.45	Pass	
			2	22.14	4.50	24.49	<=38.45	Pass	
			5	22.16	4.50	24.51	<=38.45	Pass	
		3	0	22.10	4.50	24.45	<=38.45	Pass	
			2	22.11	4.50	24.46	<=38.45	Pass	
			3	22.12	4.50	24.47	<=38.45	Pass	
848.3		6	0	21.21	4.50	23.56	<=38.45	Pass	
			1	0	21.55	4.50	23.90	<=38.45	Pass
				2	21.60	4.50	23.95	<=38.45	Pass
		5		21.59	4.50	23.94	<=38.45	Pass	
		3	0	21.78	4.50	24.13	<=38.45	Pass	
			2	21.84	4.50	24.19	<=38.45	Pass	
			3	21.82	4.50	24.17	<=38.45	Pass	
6	0	20.71	4.50	23.06	<=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	22.26	4.50	24.61	<=38.45	Pass
			7	22.53	4.50	24.88	<=38.45	Pass
			14	22.54	4.50	24.89	<=38.45	Pass
		8	0	21.80	4.50	24.15	<=38.45	Pass
			4	21.75	4.50	24.10	<=38.45	Pass
			7	21.68	4.50	24.03	<=38.45	Pass
		15	0	21.67	4.50	24.02	<=38.45	Pass
	836.5	1	0	23.29	4.50	25.64	<=38.45	Pass
			7	23.40	4.50	25.75	<=38.45	Pass
			14	23.15	4.50	25.50	<=38.45	Pass
		8	0	22.29	4.50	24.64	<=38.45	Pass
			4	22.32	4.50	24.67	<=38.45	Pass
			7	22.27	4.50	24.62	<=38.45	Pass
		15	0	22.28	4.50	24.63	<=38.45	Pass
	847.5	1	0	22.98	4.50	25.33	<=38.45	Pass
			7	23.01	4.50	25.36	<=38.45	Pass
			14	22.81	4.50	25.16	<=38.45	Pass
		8	0	21.84	4.50	24.19	<=38.45	Pass
			4	21.86	4.50	24.21	<=38.45	Pass
			7	21.83	4.50	24.18	<=38.45	Pass
		15	0	21.85	4.50	24.20	<=38.45	Pass
16QAM	825.5	1	0	21.91	4.50	24.26	<=38.45	Pass
			7	21.93	4.50	24.28	<=38.45	Pass
			14	21.82	4.50	24.17	<=38.45	Pass
		8	0	20.86	4.50	23.21	<=38.45	Pass
			4	20.87	4.50	23.22	<=38.45	Pass
			7	20.85	4.50	23.20	<=38.45	Pass
		15	0	20.77	4.50	23.12	<=38.45	Pass
	836.5	1	0	22.22	4.50	24.57	<=38.45	Pass
			7	22.36	4.50	24.71	<=38.45	Pass
			14	22.09	4.50	24.44	<=38.45	Pass
		8	0	21.38	4.50	23.73	<=38.45	Pass
			4	21.42	4.50	23.77	<=38.45	Pass
			7	21.38	4.50	23.73	<=38.45	Pass
		15	0	21.32	4.50	23.67	<=38.45	Pass
	847.5	1	0	21.64	4.50	23.99	<=38.45	Pass
			7	21.75	4.50	24.10	<=38.45	Pass
			14	21.56	4.50	23.91	<=38.45	Pass
		8	0	20.79	4.50	23.14	<=38.45	Pass
			4	20.84	4.50	23.19	<=38.45	Pass
			7	20.80	4.50	23.15	<=38.45	Pass
		15	0	20.82	4.50	23.17	<=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	22.72	4.50	25.07	<=38.45	Pass
			13	22.61	4.50	24.96	<=38.45	Pass
			24	22.66	4.50	25.01	<=38.45	Pass
		12	0	21.53	4.50	23.88	<=38.45	Pass
			6	21.54	4.50	23.89	<=38.45	Pass
			13	21.66	4.50	24.01	<=38.45	Pass
		25	0	21.54	4.50	23.89	<=38.45	Pass
	836.5	1	0	22.34	4.50	24.69	<=38.45	Pass
			13	22.55	4.50	24.90	<=38.45	Pass
			24	22.65	4.50	25.00	<=38.45	Pass
		12	0	21.81	4.50	24.16	<=38.45	Pass
			6	21.93	4.50	24.28	<=38.45	Pass
			13	22.02	4.50	24.37	<=38.45	Pass
		25	0	21.94	4.50	24.29	<=38.45	Pass
	846.5	1	0	22.77	4.50	25.12	<=38.45	Pass
			13	22.68	4.50	25.03	<=38.45	Pass
			24	22.73	4.50	25.08	<=38.45	Pass
		12	0	21.87	4.50	24.22	<=38.45	Pass
			6	21.80	4.50	24.15	<=38.45	Pass
			13	21.72	4.50	24.07	<=38.45	Pass
		25	0	21.79	4.50	24.14	<=38.45	Pass
16QAM	826.5	1	0	21.73	4.50	24.08	<=38.45	Pass
			13	21.73	4.50	24.08	<=38.45	Pass
			24	21.83	4.50	24.18	<=38.45	Pass
		12	0	20.66	4.50	23.01	<=38.45	Pass
			6	20.70	4.50	23.05	<=38.45	Pass
			13	20.82	4.50	23.17	<=38.45	Pass
		25	0	20.75	4.50	23.10	<=38.45	Pass
	836.5	1	0	22.09	4.50	24.44	<=38.45	Pass
			13	22.16	4.50	24.51	<=38.45	Pass
			24	22.18	4.50	24.53	<=38.45	Pass
		12	0	21.05	4.50	23.40	<=38.45	Pass
			6	21.20	4.50	23.55	<=38.45	Pass
			13	21.20	4.50	23.55	<=38.45	Pass
		25	0	21.17	4.50	23.52	<=38.45	Pass
	846.5	1	0	22.13	4.50	24.48	<=38.45	Pass
			13	21.94	4.50	24.29	<=38.45	Pass
			24	21.92	4.50	24.27	<=38.45	Pass
		12	0	20.93	4.50	23.28	<=38.45	Pass
			6	20.87	4.50	23.22	<=38.45	Pass
			13	20.80	4.50	23.15	<=38.45	Pass
		25	0	20.91	4.50	23.26	<=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	22.83	4.50	25.18	<=38.45	Pass
			25	23.07	4.50	25.42	<=38.45	Pass
			49	23.22	4.50	25.57	<=38.45	Pass
		25	0	22.12	4.50	24.47	<=38.45	Pass
			13	22.16	4.50	24.51	<=38.45	Pass
			25	22.19	4.50	24.54	<=38.45	Pass
		50	0	22.12	4.50	24.47	<=38.45	Pass
	836.5	1	0	23.37	4.50	25.72	<=38.45	Pass
			25	23.46	4.50	25.81	<=38.45	Pass
			49	23.37	4.50	25.72	<=38.45	Pass
		25	0	22.34	4.50	24.69	<=38.45	Pass
			13	22.41	4.50	24.76	<=38.45	Pass
			25	22.40	4.50	24.75	<=38.45	Pass
		50	0	22.39	4.50	24.74	<=38.45	Pass
	844	1	0	23.25	4.50	25.60	<=38.45	Pass
			25	23.08	4.50	25.43	<=38.45	Pass
			49	22.92	4.50	25.27	<=38.45	Pass
		25	0	21.86	4.50	24.21	<=38.45	Pass
			13	21.76	4.50	24.11	<=38.45	Pass
			25	21.69	4.50	24.04	<=38.45	Pass
		50	0	21.85	4.50	24.20	<=38.45	Pass
16QAM	829	1	0	22.28	4.50	24.63	<=38.45	Pass
			25	22.36	4.50	24.71	<=38.45	Pass
			49	22.44	4.50	24.79	<=38.45	Pass
		12	0	22.04	4.50	24.39	<=38.45	Pass
			19	22.16	4.50	24.51	<=38.45	Pass
			38	22.21	4.50	24.56	<=38.45	Pass
		27	0	21.06	4.50	23.41	<=38.45	Pass
	836.5	1	0	22.26	4.50	24.61	<=38.45	Pass
			25	22.41	4.50	24.76	<=38.45	Pass
			49	22.32	4.50	24.67	<=38.45	Pass
		12	0	22.28	4.50	24.63	<=38.45	Pass
			19	22.35	4.50	24.70	<=38.45	Pass
			38	22.32	4.50	24.67	<=38.45	Pass
		27	0	21.45	4.50	23.80	<=38.45	Pass
	844	1	0	22.16	4.50	24.51	<=38.45	Pass
			25	22.07	4.50	24.42	<=38.45	Pass
			49	21.88	4.50	24.23	<=38.45	Pass
		12	0	22.20	4.50	24.55	<=38.45	Pass
			19	22.04	4.50	24.39	<=38.45	Pass
			38	22.01	4.50	24.36	<=38.45	Pass
		27	23	21.15	4.50	23.50	<=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	4.25	-0.272	-0.0003	-2.5 to 2.5	Pass
					5.0	0.229	0.0003	-2.5 to 2.5	Pass
					5.75	0.801	0.0010	-2.5 to 2.5	Pass
				-30	5.0	0.014	0.0000	-2.5 to 2.5	Pass
				-20	5.0	1.230	0.0015	-2.5 to 2.5	Pass
				-10	5.0	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	5.0	-0.401	-0.0005	-2.5 to 2.5	Pass
				10	5.0	0.286	0.0003	-2.5 to 2.5	Pass
				30	5.0	-0.043	-0.0001	-2.5 to 2.5	Pass
				40	5.0	-0.257	-0.0003	-2.5 to 2.5	Pass
				50	5.0	0.386	0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

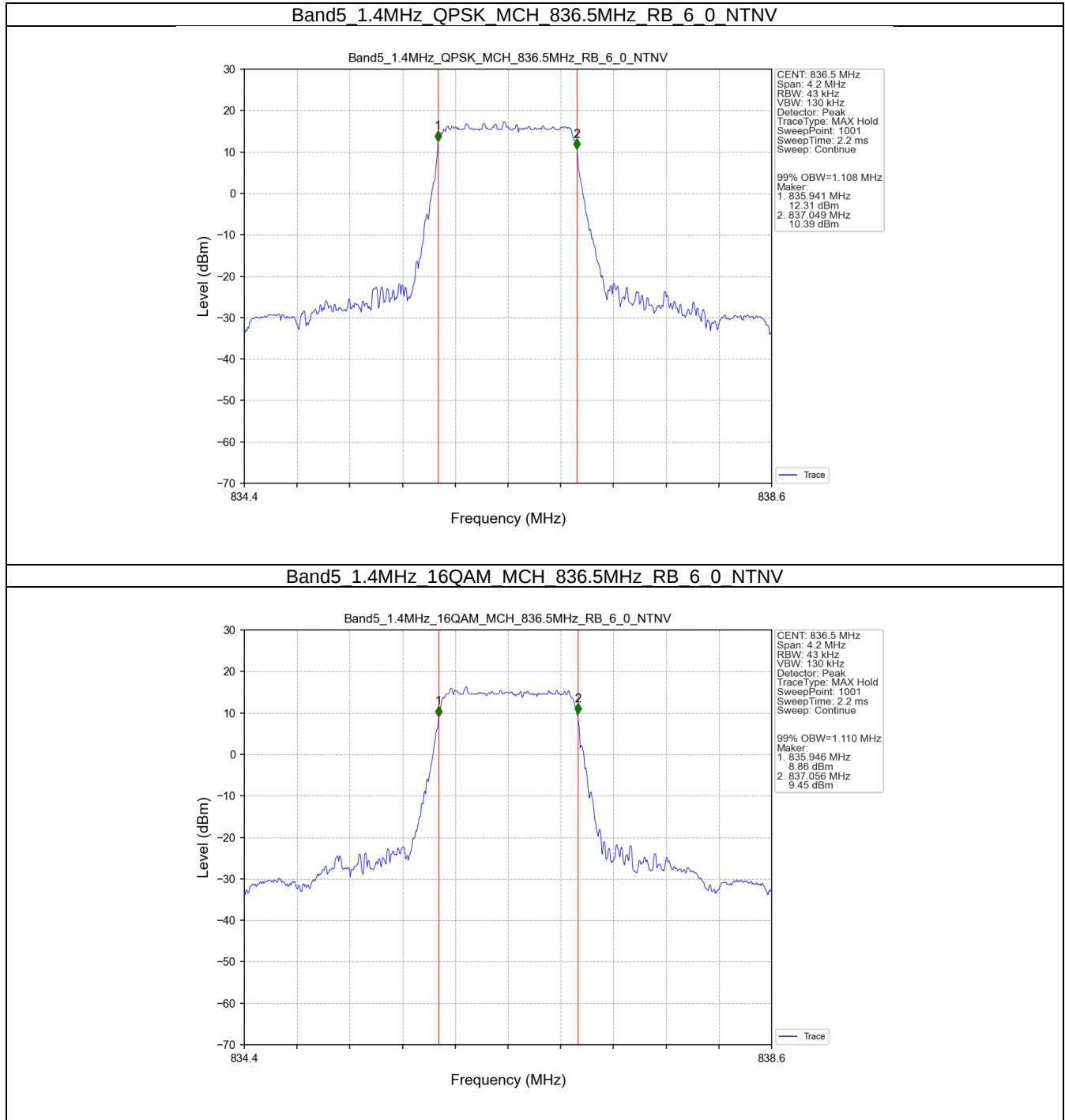
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.108	/	Pass
	16QAM	836.5	6	0	1.110	/	Pass
3	QPSK	836.5	15	0	2.728	/	Pass
	16QAM	836.5	15	0	2.755	/	Pass
5	QPSK	836.5	25	0	4.569	/	Pass
	16QAM	836.5	25	0	4.540	/	Pass
10	QPSK	836.5	50	0	9.046	/	Pass
	16QAM	836.5	27	0	5.111	/	Pass

3.1.2 Band5_XDB

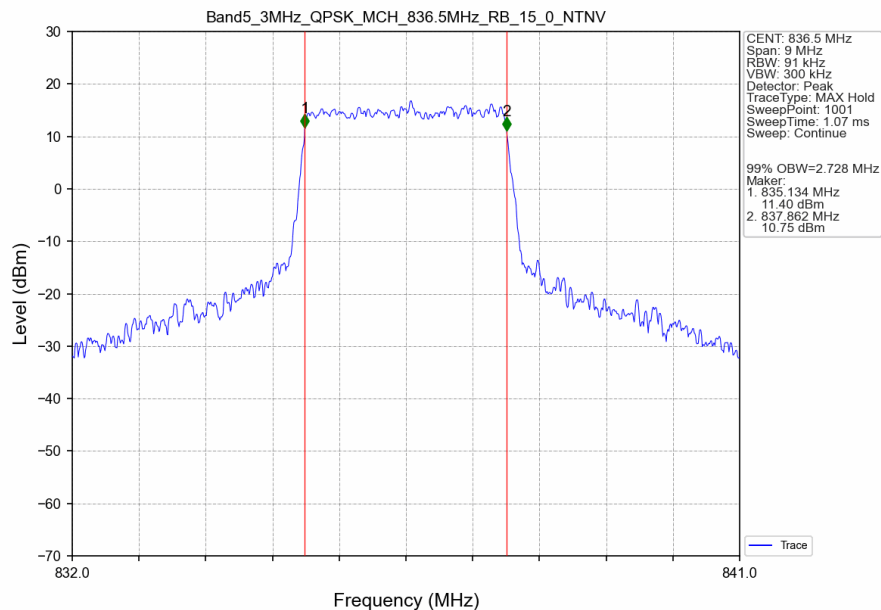
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.324	/	Pass
	16QAM	836.5	6	0	1.335	/	Pass
3	QPSK	836.5	15	0	3.051	/	Pass
	16QAM	836.5	15	0	3.025	/	Pass
5	QPSK	836.5	25	0	5.085	/	Pass
	16QAM	836.5	25	0	5.125	/	Pass
10	QPSK	836.5	50	0	10.397	/	Pass
	16QAM	836.5	27	0	6.313	/	Pass

3.2 Test Graph

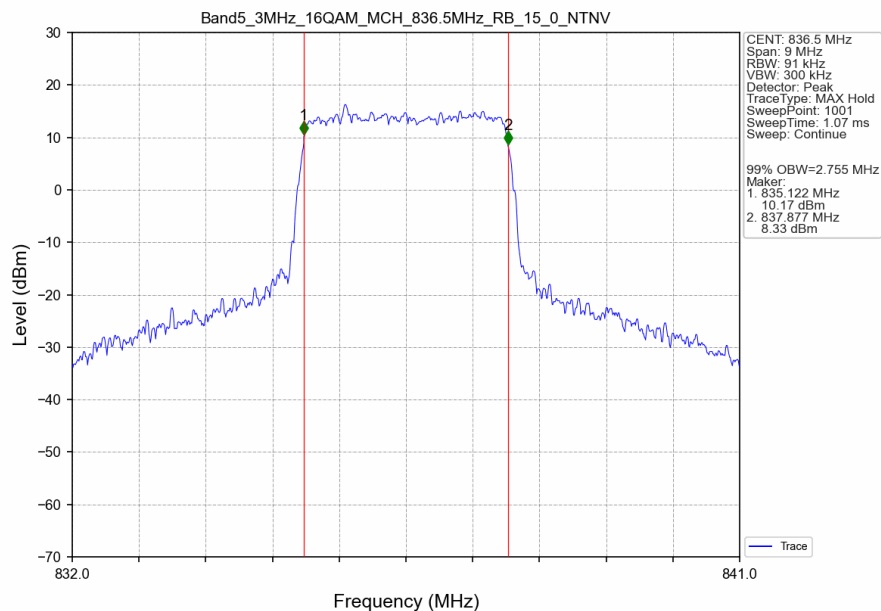
3.2.1 Band5_OBW



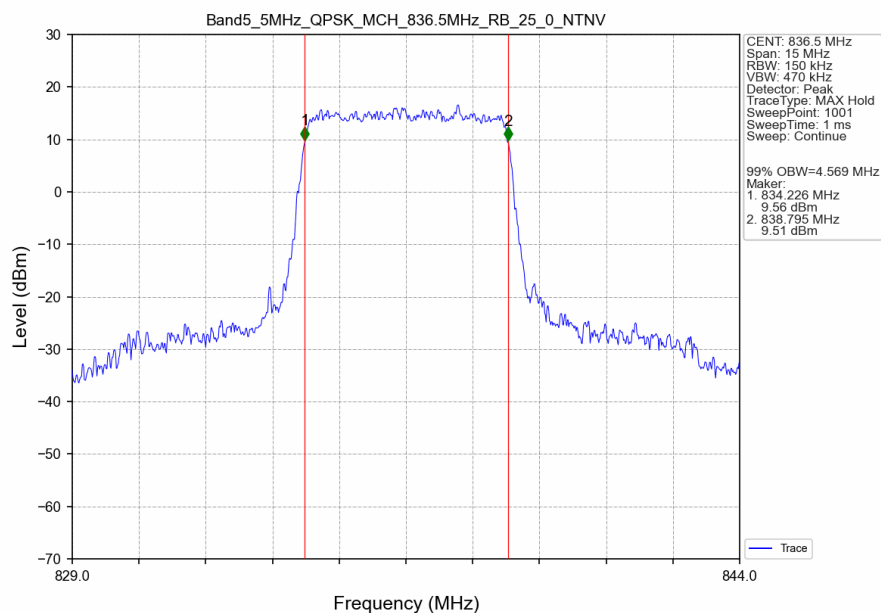
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



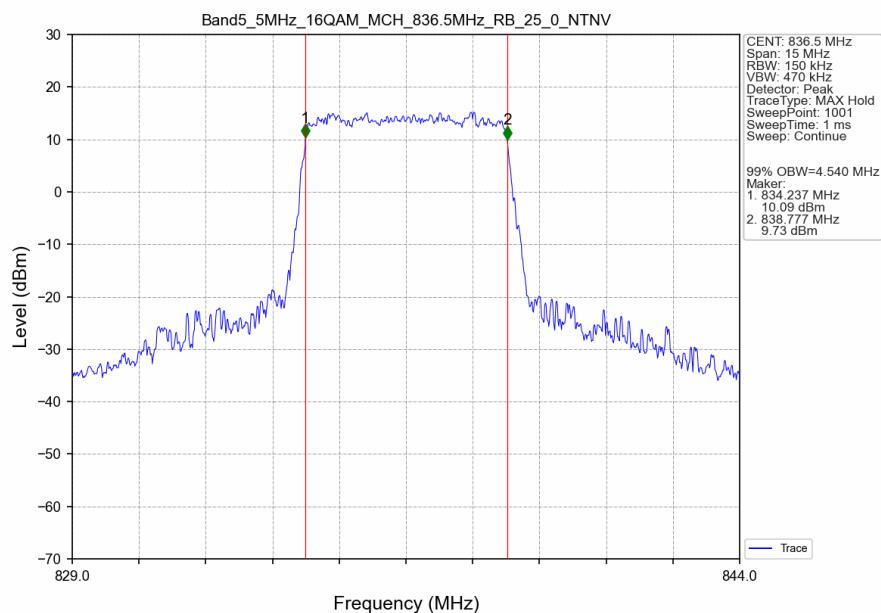
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



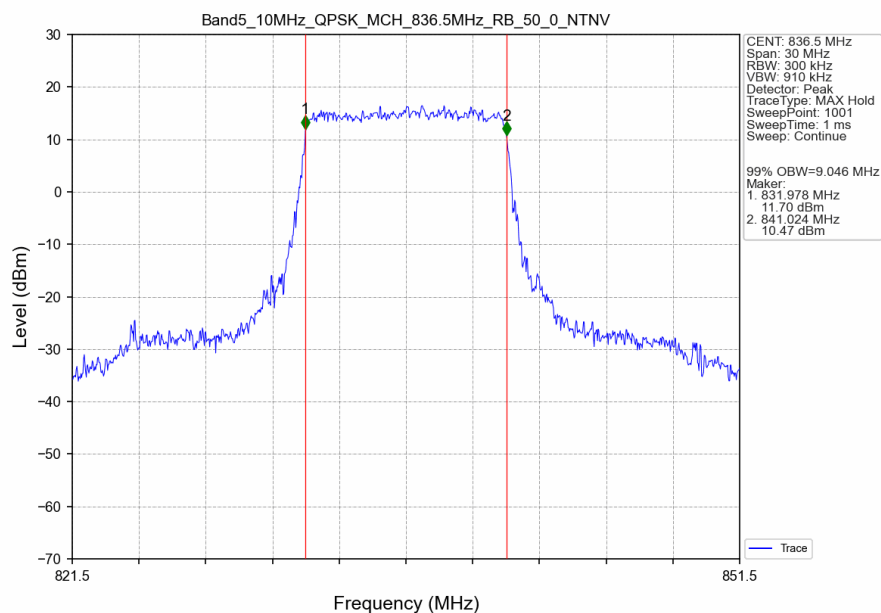
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



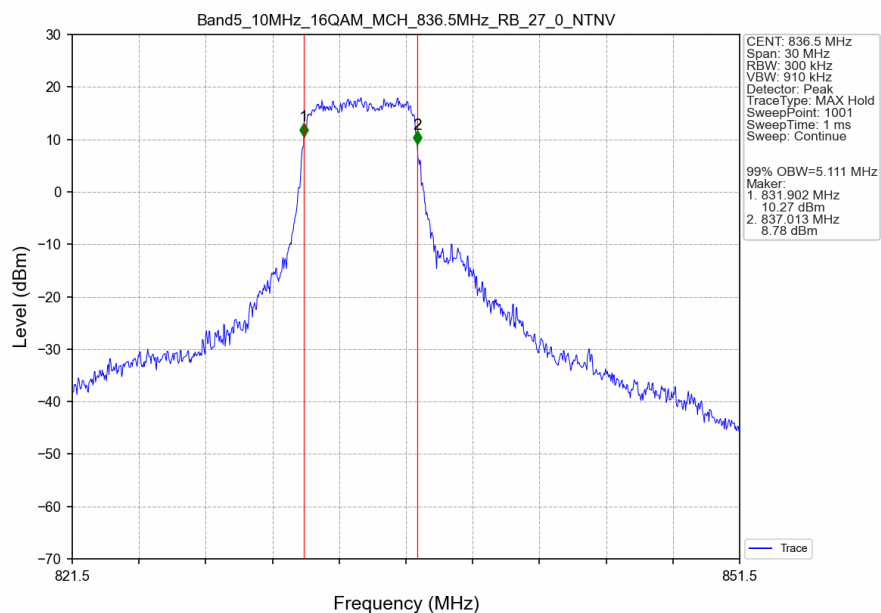
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

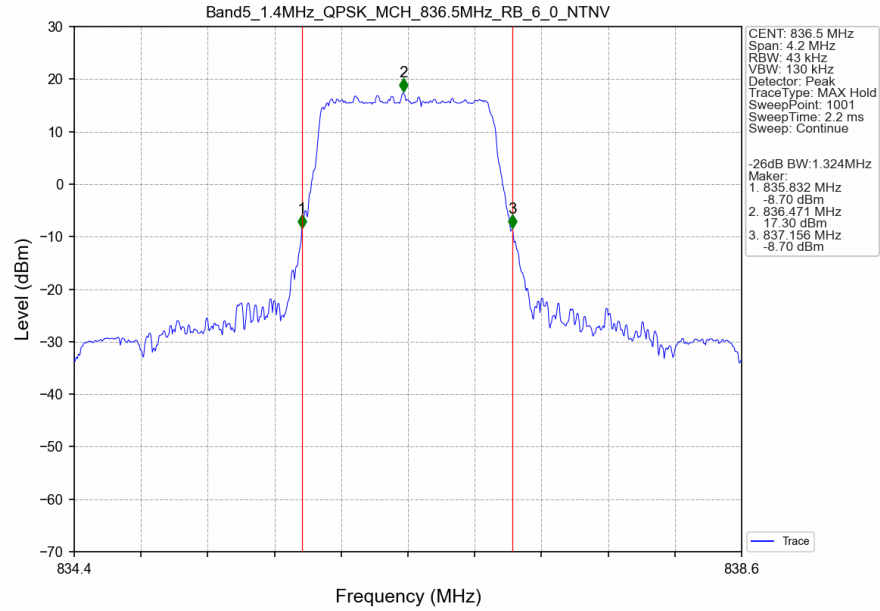


Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

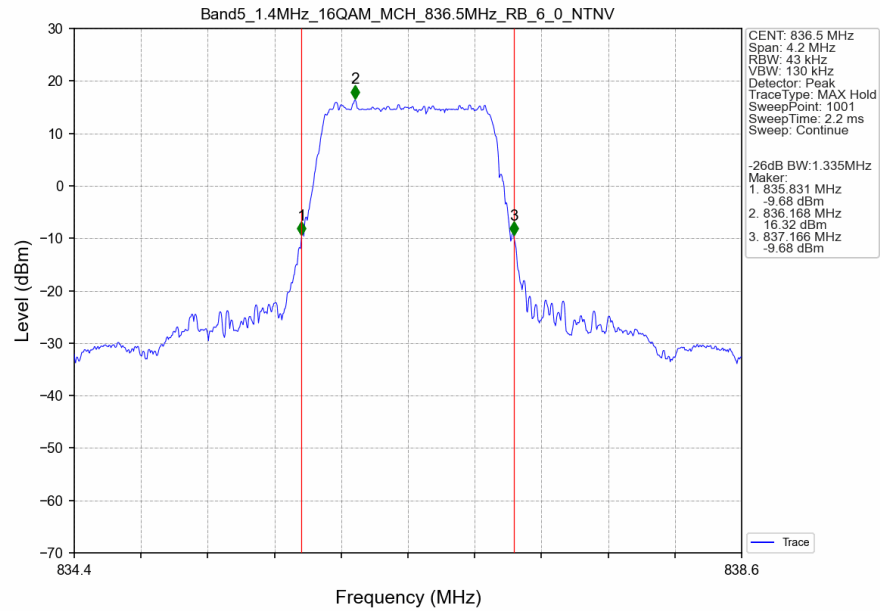


3.2.2 Band5_XDB

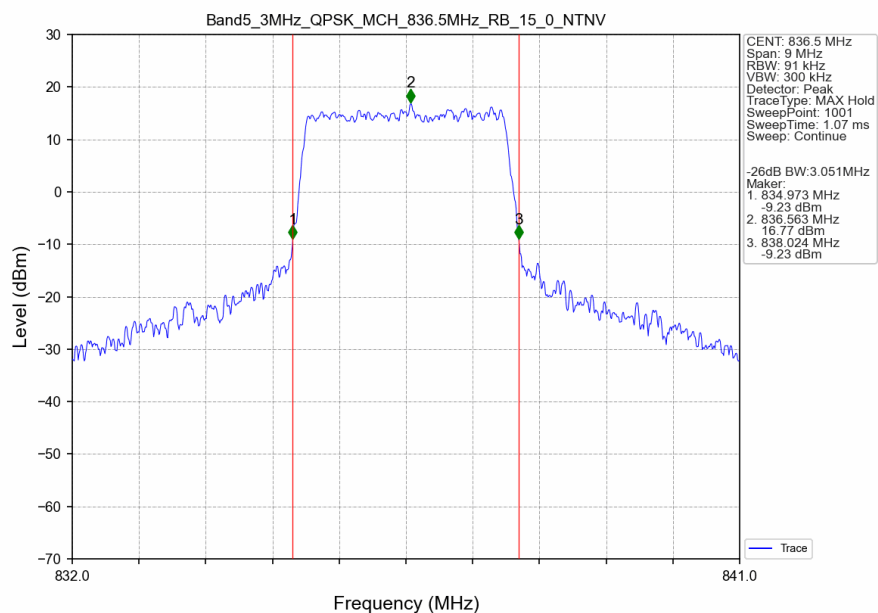
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



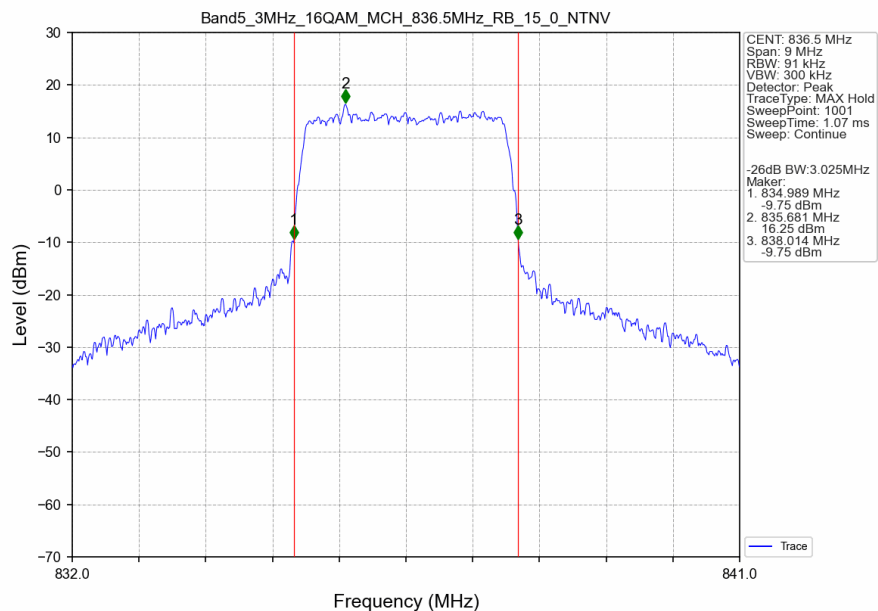
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



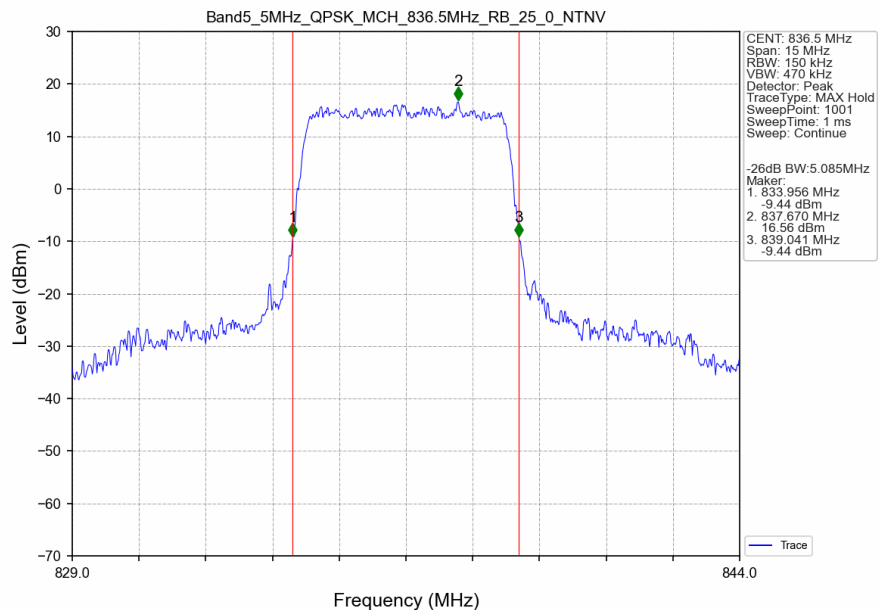
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTV



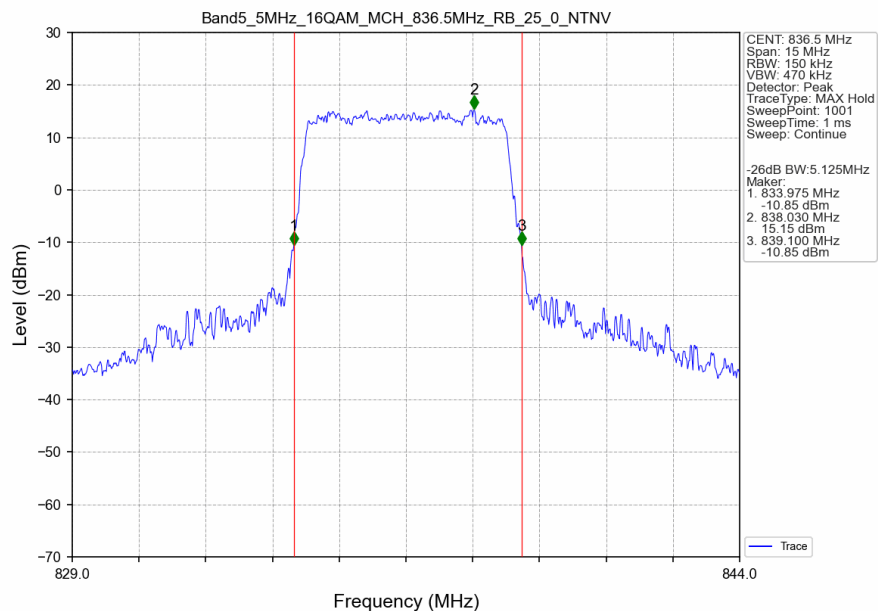
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



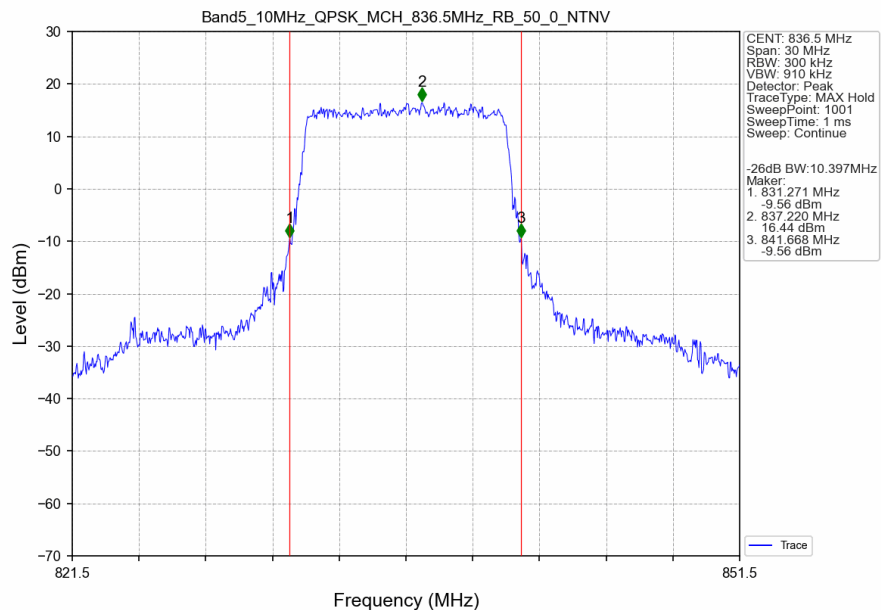
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



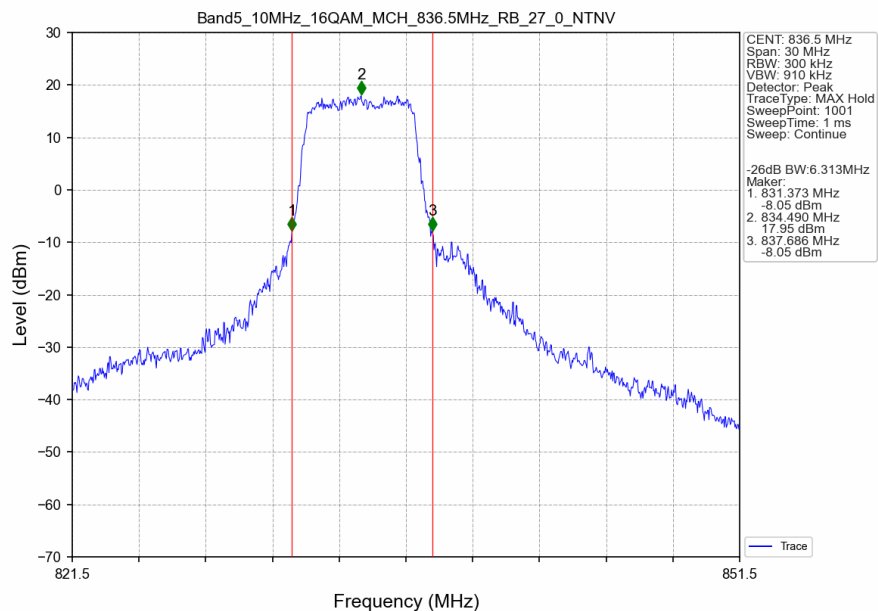
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV





4. Peak-Average Ratio

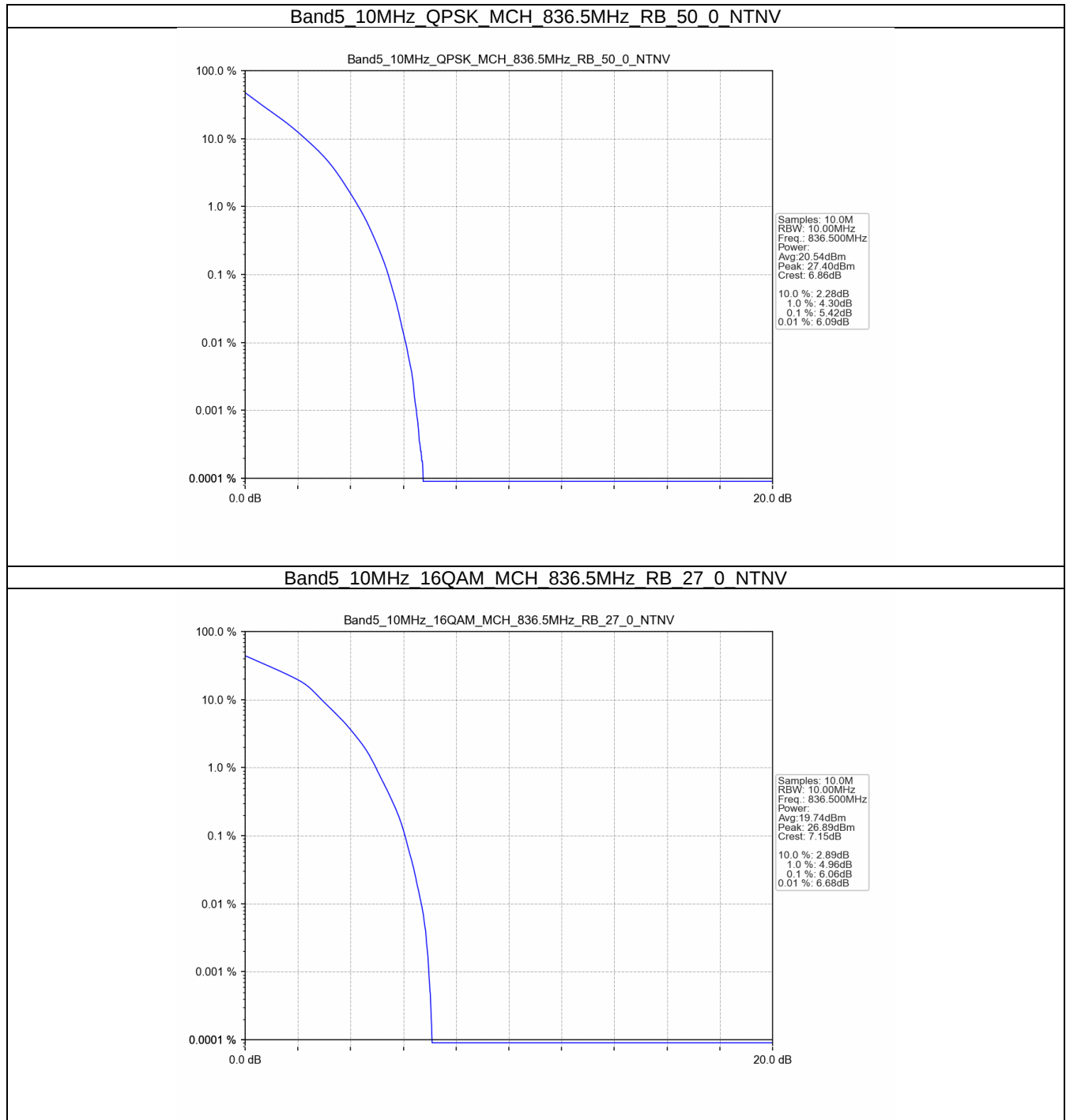
4.1 Test Result

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	5.42	<=13	Pass
16QAM	836.5	27	0	6.06	<=13	Pass

4.2 Test Graph

4.2.1 B5_10MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B5_1.4MHz

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

5.1.2 B5_3MHz

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

5.1.3 B5_5MHz

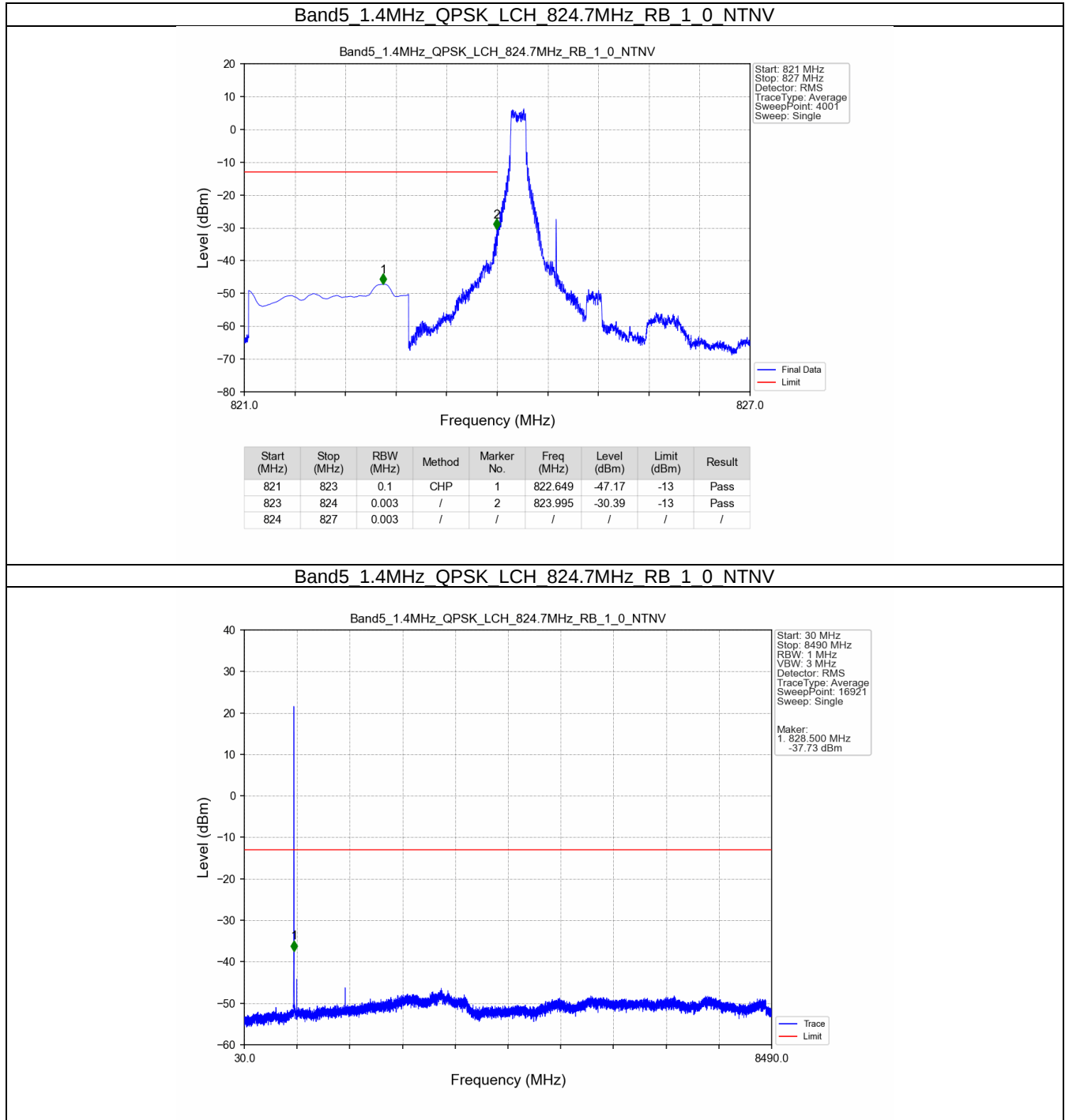
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

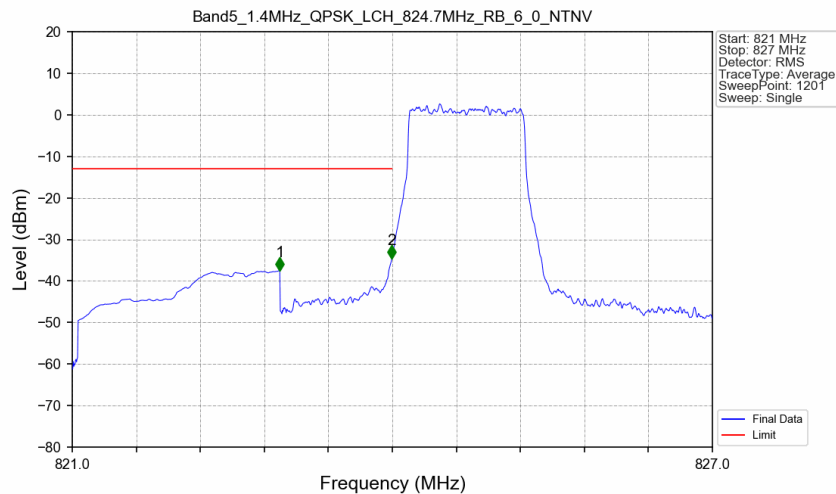
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B5_1.4MHz

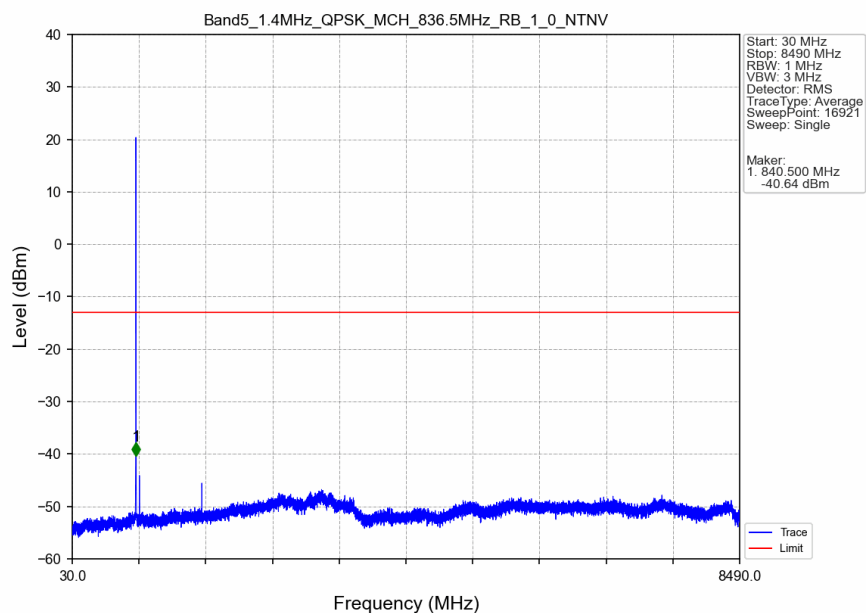


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

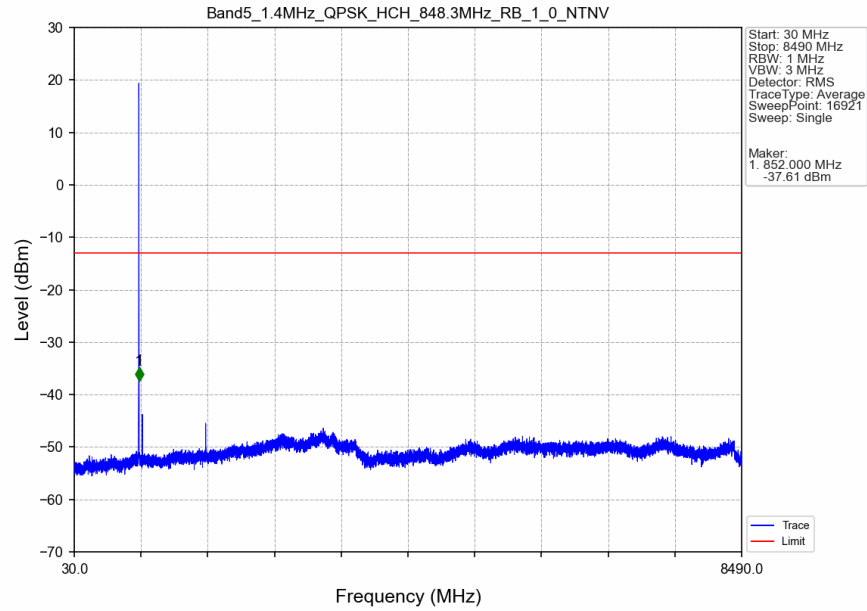


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-37.49	-13	Pass
823	824	0.013	CHP	2	823.995	-34.60	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

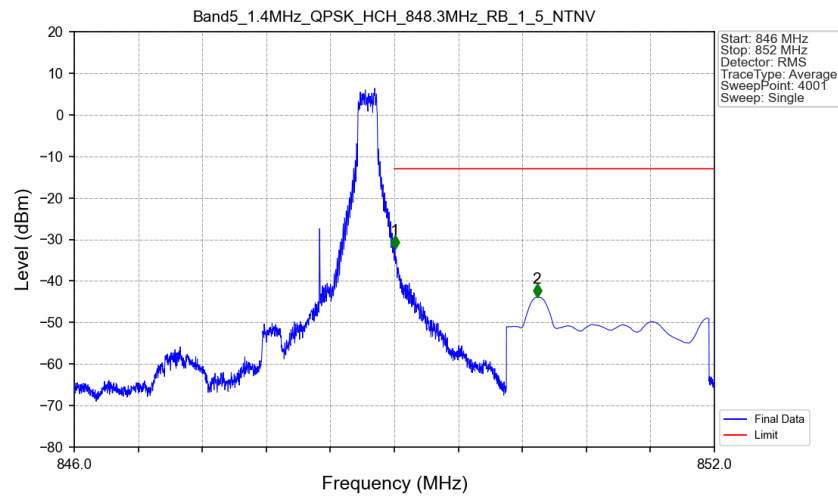
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN

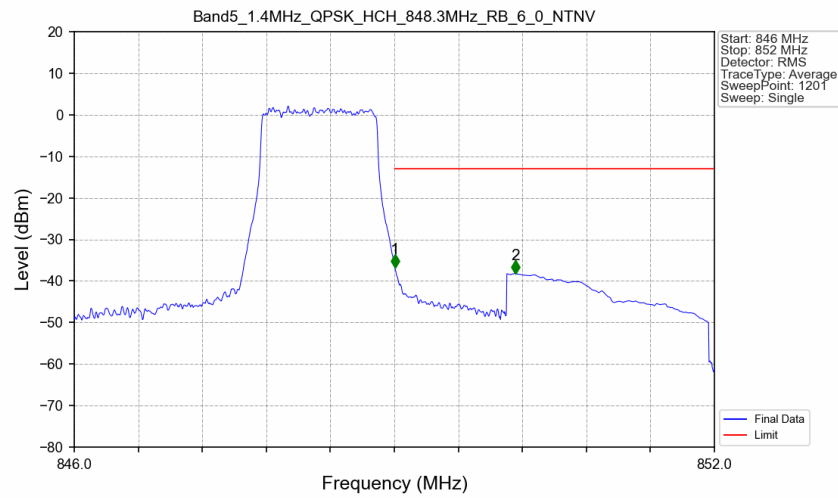


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.006	-32.30	-13	Pass
850	852	0.1	CHP	2	850.338	-43.83	-13	Pass

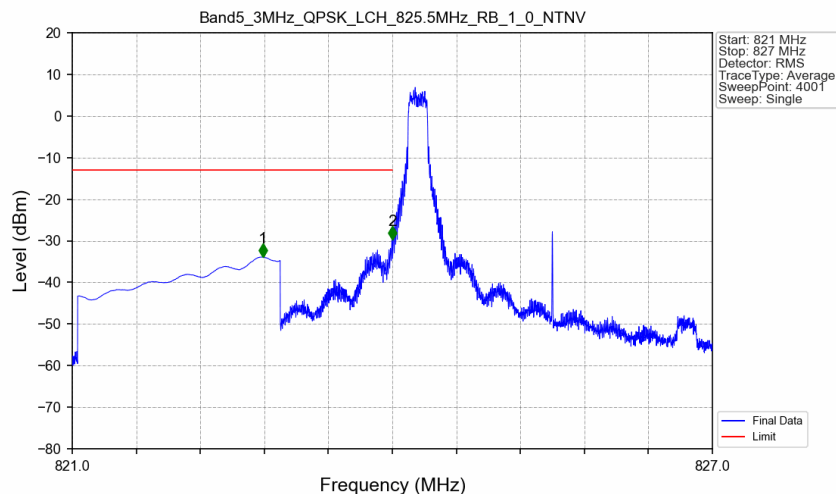
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



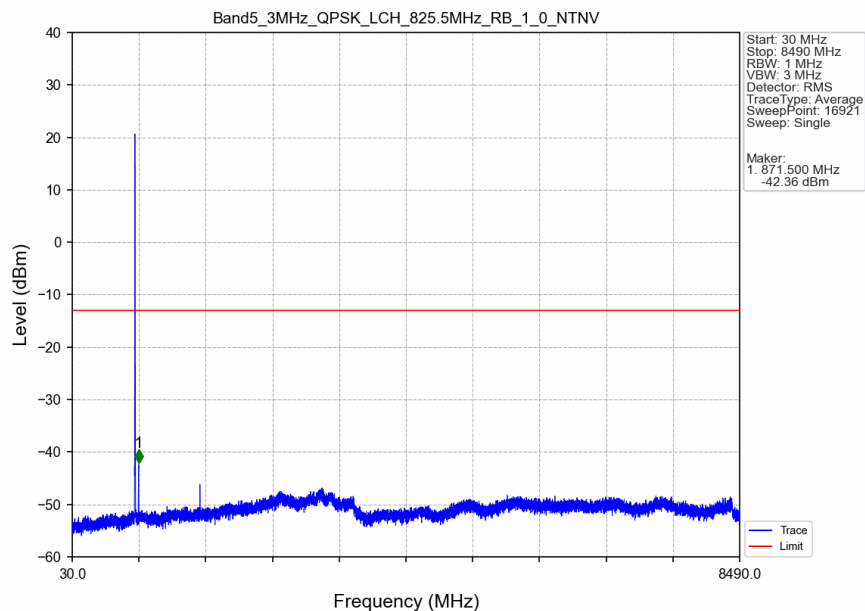
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-36.77	-13	Pass
850	852	0.1	CHP	2	850.135	-38.18	-13	Pass

5.2.2 B5_3MHz

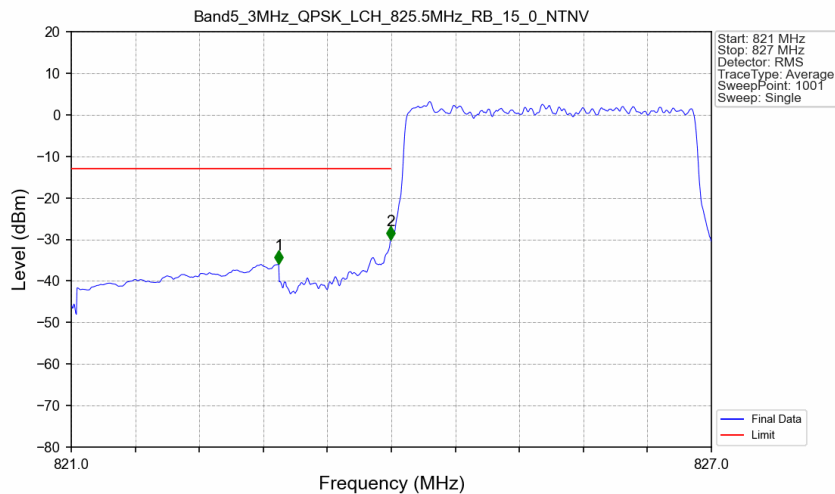
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTV



Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTV

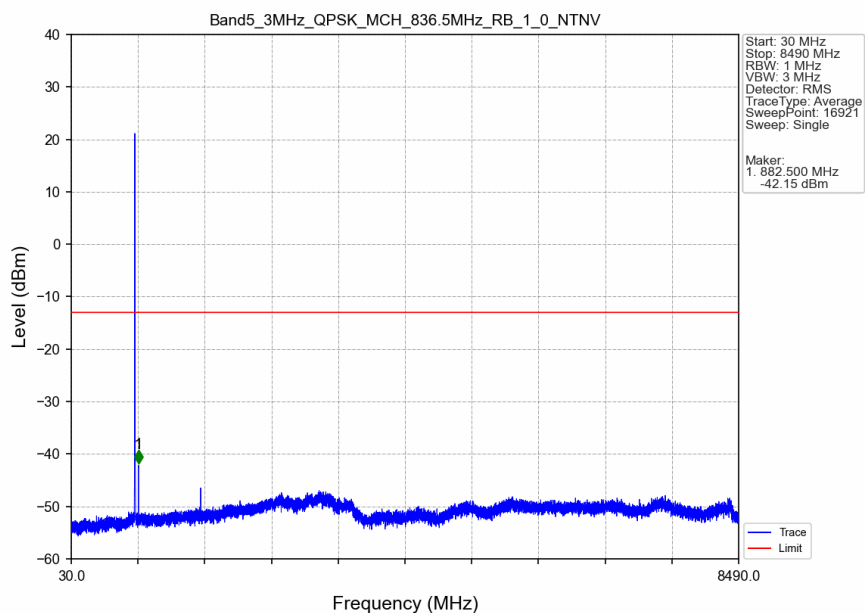


Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN

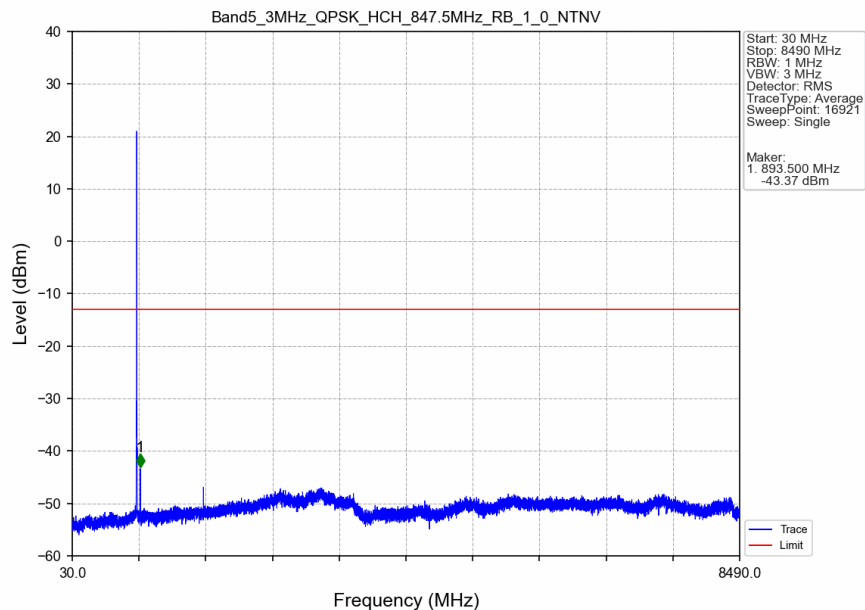


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-35.92	-13	Pass
823	824	0.031	CHP	2	823.994	-30.08	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

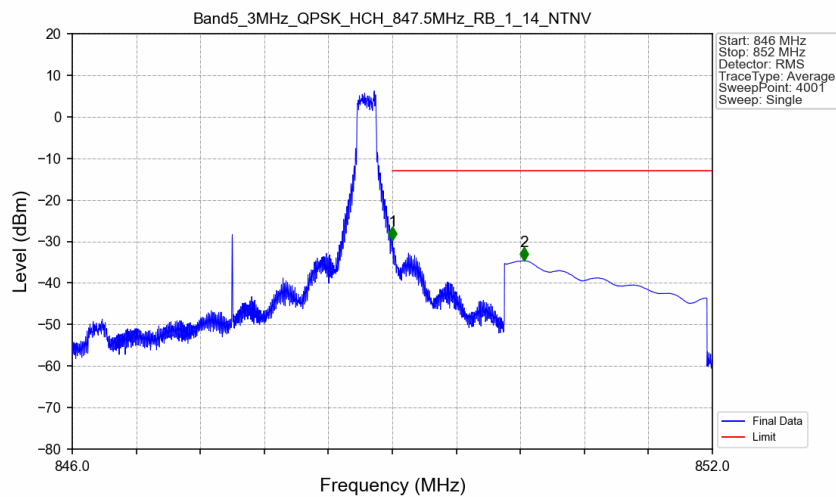
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV

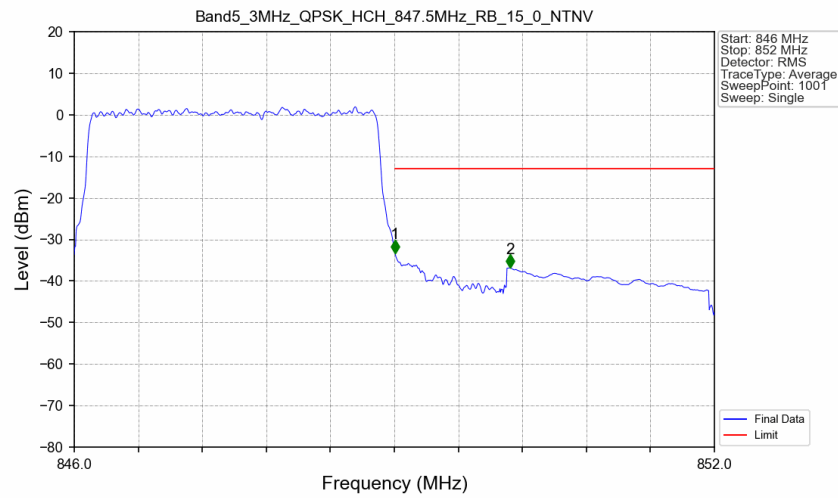


Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTNV



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	-29.76	-13	Pass
850	852	0.1	CHP	2	850.237	-34.62	-13	Pass

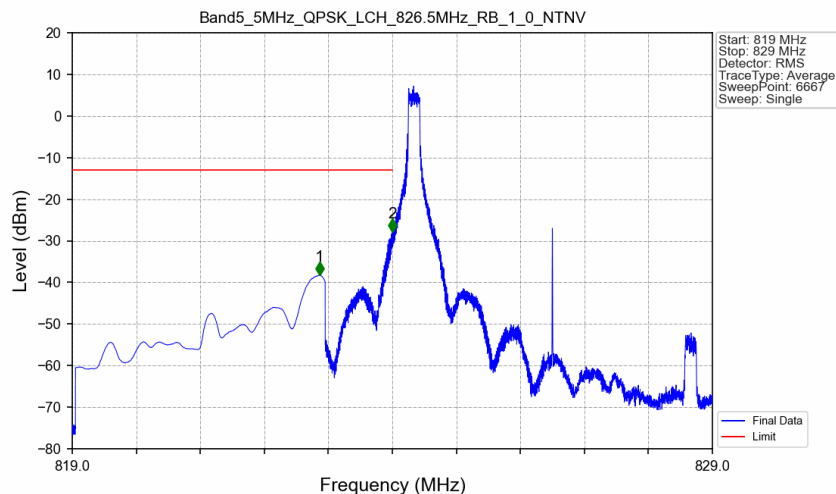
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



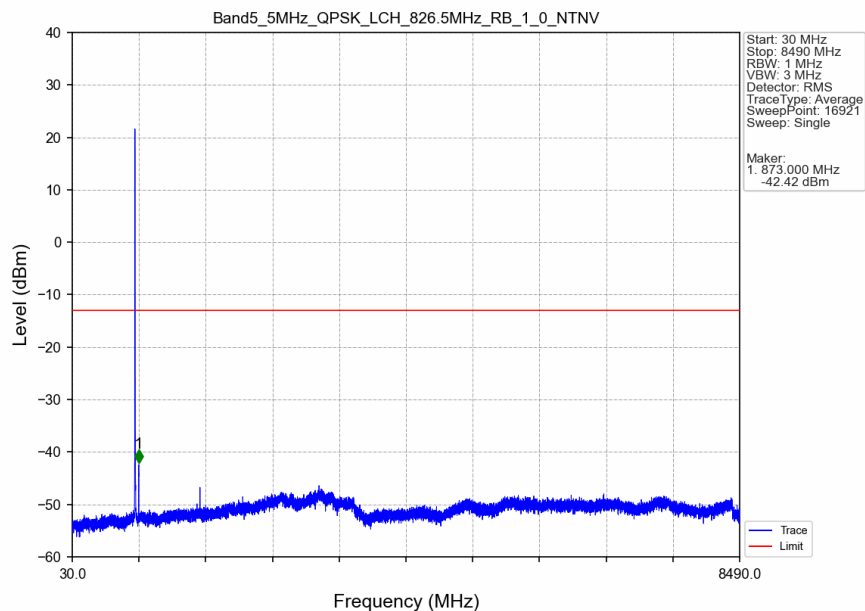
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-33.22	-13	Pass
850	852	0.1	CHP	2	850.086	-36.85	-13	Pass

5.2.3 B5_5MHz

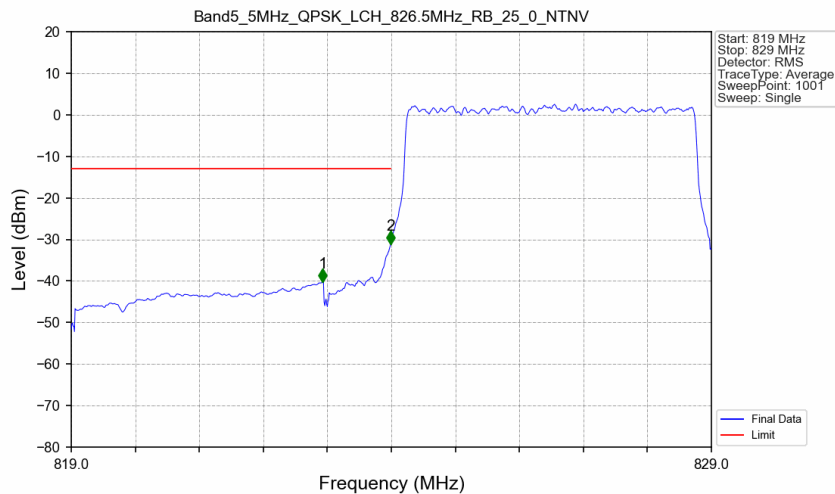
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTV



Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTV

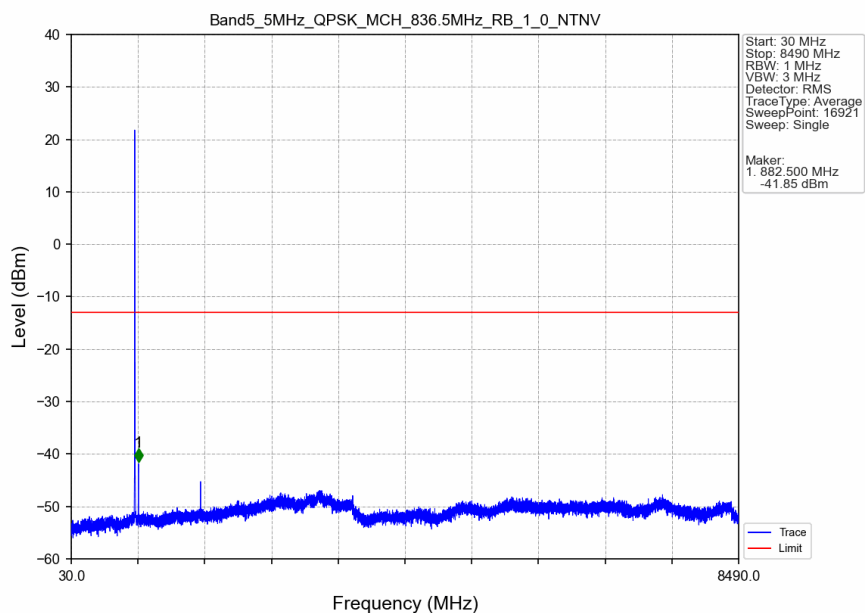


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

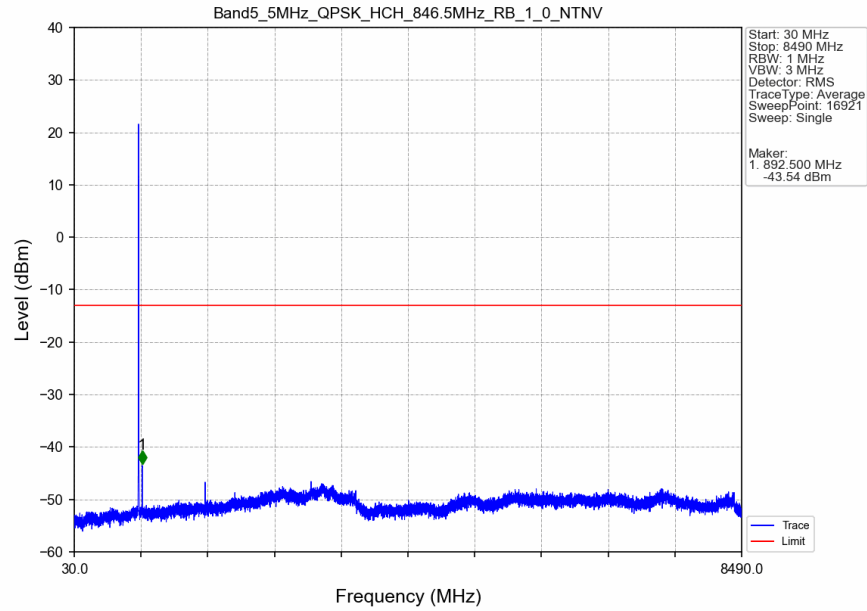


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-40.17	-13	Pass
823	824	0.051	CHP	2	823.990	-31.21	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

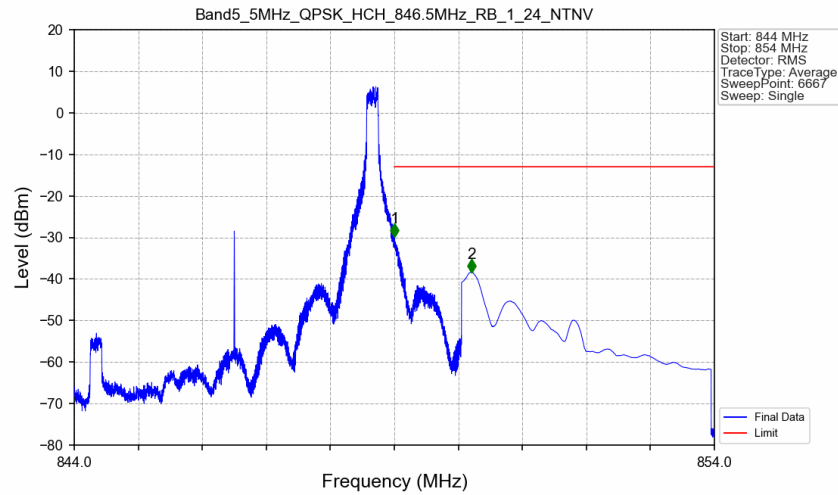
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTNV

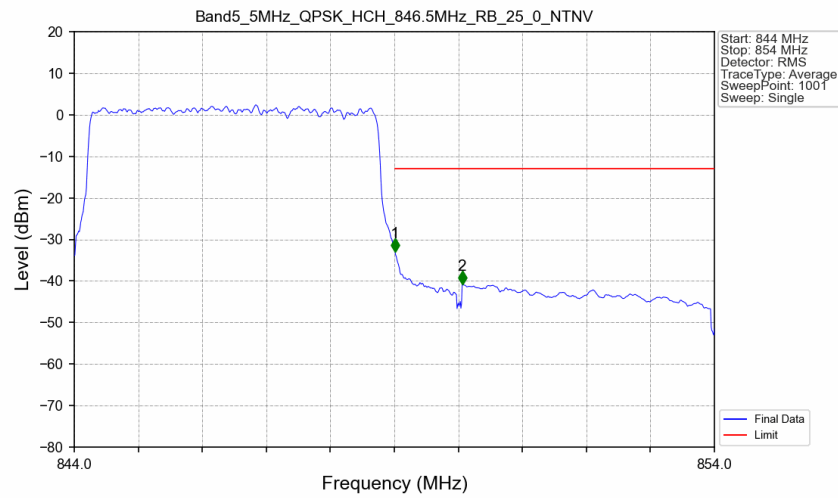


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



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	-29.82	-13	Pass
850	854	0.1	CHP	2	850.203	-38.35	-13	Pass

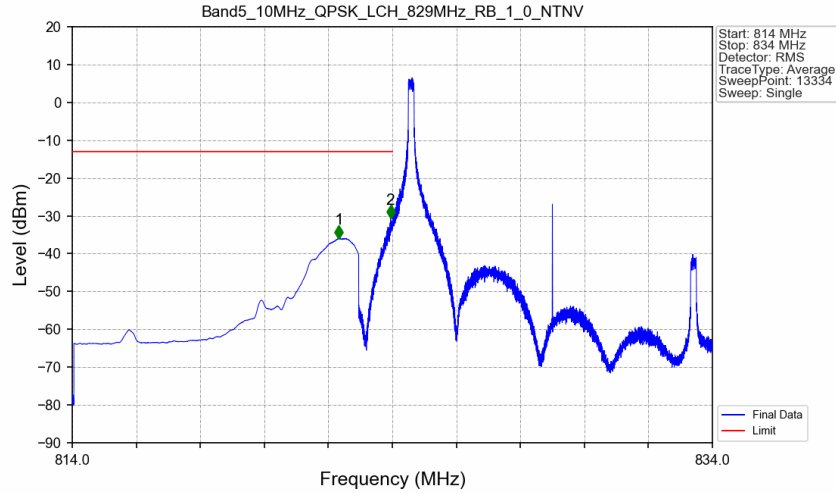
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-32.90	-13	Pass
850	854	0.1	CHP	2	850.060	-40.81	-13	Pass

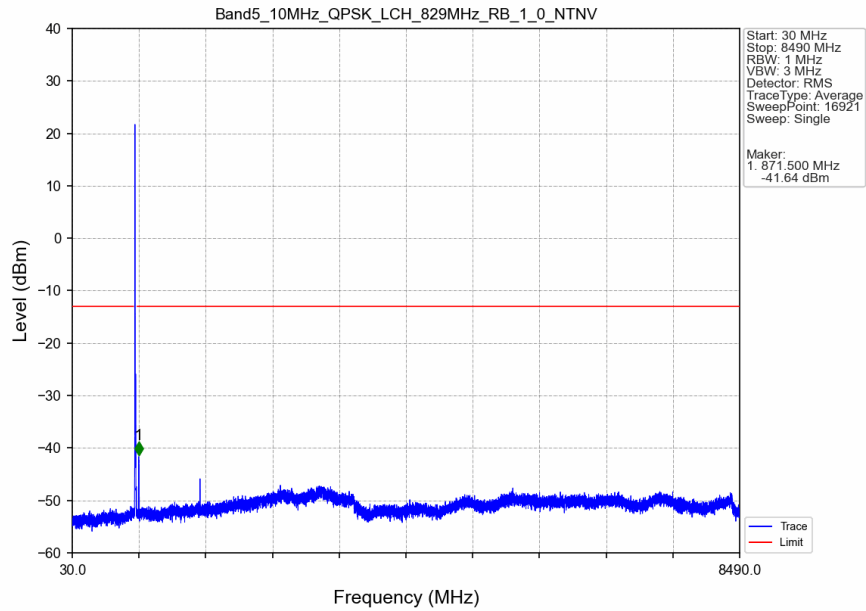
5.2.4 B5_10MHz

Band5 10MHz QPSK LCH 829MHz RB 1 0 NTV

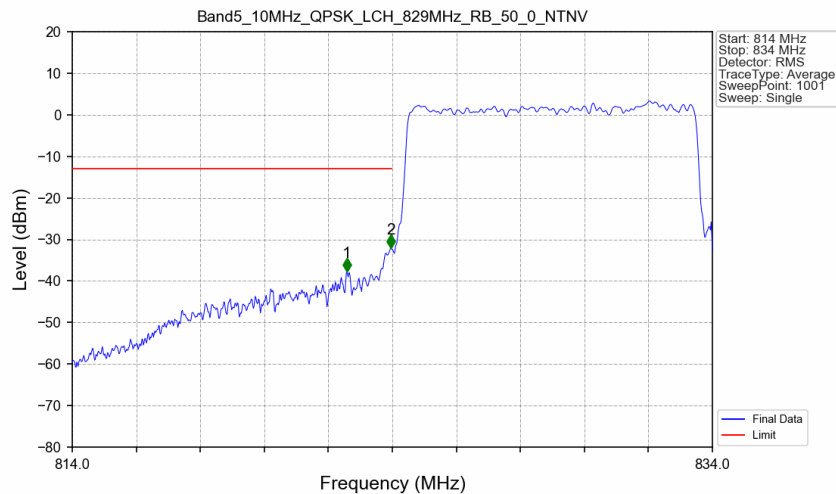


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.327	-35.94	-13	Pass
823	824	0.003	/	2	823.945	-30.57	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5 10MHz QPSK LCH 829MHz RB 1 0 NTV

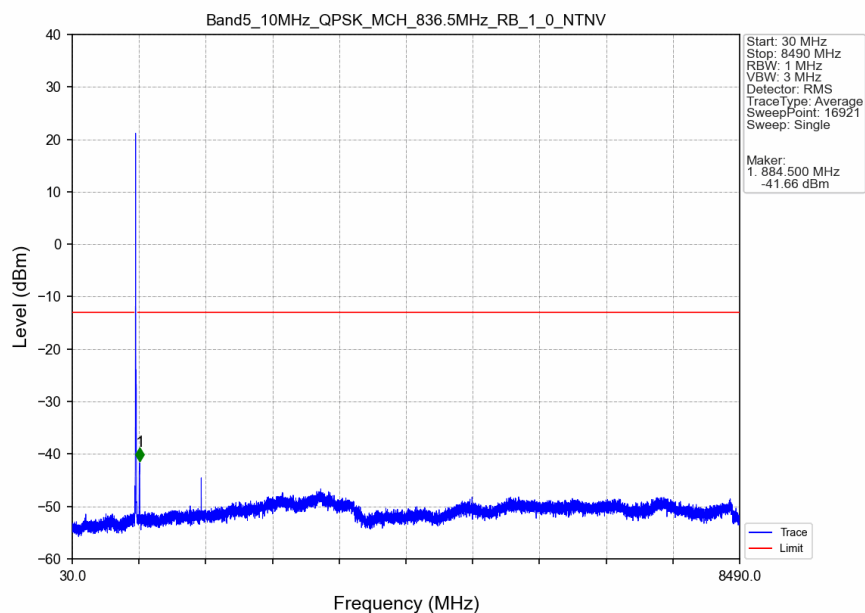


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

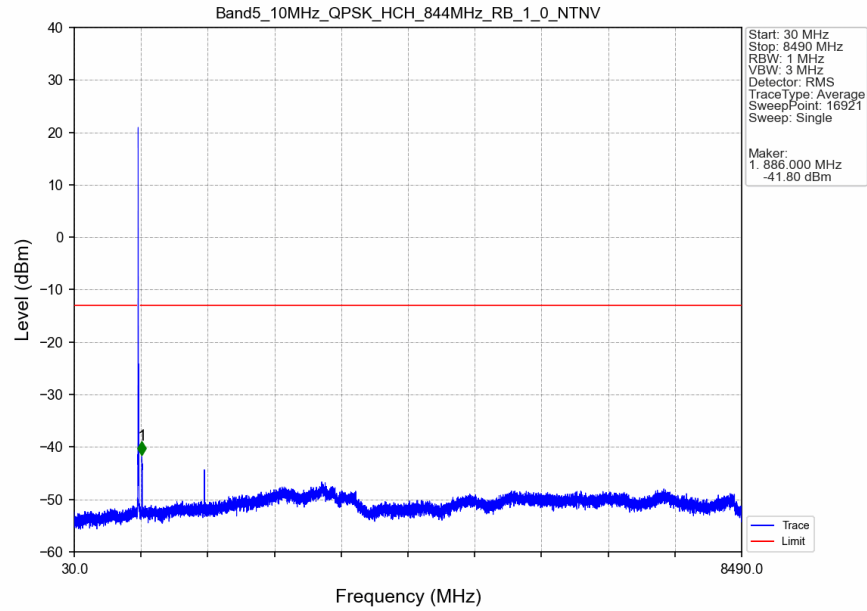


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.580	-37.62	-13	Pass
823	824	0.104	CHP	2	823.960	-32.12	-13	Pass
824	834	0.104	CHP	/	/	/	/	/

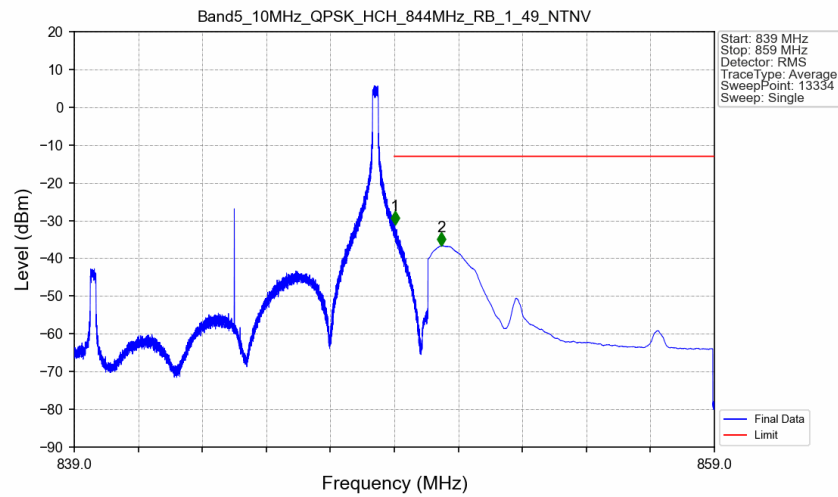
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV

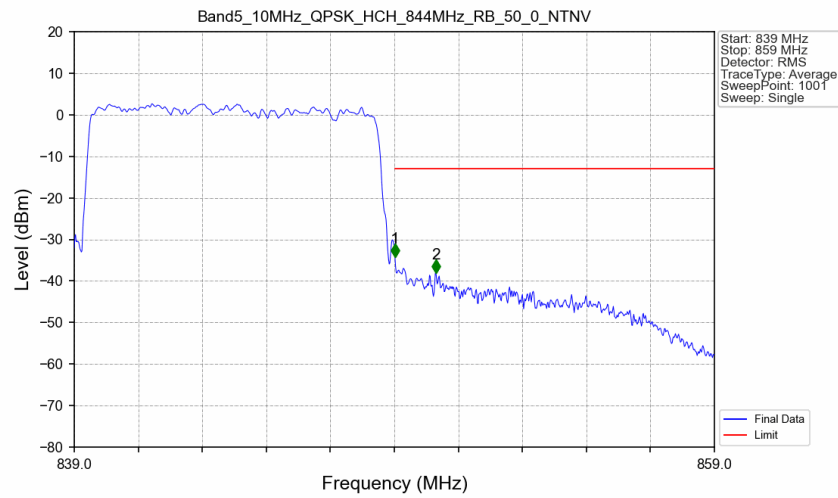


Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV



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	849.016	-30.95	-13	Pass
850	859	0.1	CHP	2	850.465	-36.64	-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	0.104	CHP	/	/	/	/	/
849	850	0.104	CHP	1	849.020	-34.20	-13	Pass
850	859	0.1	/	2	850.300	-38.07	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 5-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649.0	-46.32	-13	-33.32	-49.2	2.62	5.5	Horizontal	Pass
2473.5	-59.85	-13	-46.85	-62.55	3.06	5.76	Horizontal	Pass
3298.0	-64.29	-13	-51.29	-68.65	3.3	7.66	Horizontal	Pass
1649.0	-46.36	-13	-33.36	-49.24	2.62	5.5	Vertical	Pass
2473.5	-64.62	-13	-51.62	-67.32	3.06	5.76	Vertical	Pass
3298.0	-65.01	-13	-52.01	-69.37	3.3	7.66	Vertical	Pass

LTE Band 5-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664.0	-43.3	-13	-30.3	-46.14	2.63	5.47	Horizontal	Pass
2496.0	-58.9	-13	-45.9	-61.63	3.08	5.81	Horizontal	Pass
3328.0	-64.3	-13	-51.3	-68.73	3.31	7.74	Horizontal	Pass
1664.0	-45.45	-13	-32.45	-48.29	2.63	5.47	Vertical	Pass
2496.0	-64.13	-13	-51.13	-66.86	3.08	5.81	Vertical	Pass
3328.0	-62.38	-13	-49.38	-66.81	3.31	7.74	Vertical	Pass

LTE Band 5-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679.0	-41.23	-13	-28.23	-44.03	2.63	5.43	Horizontal	Pass
2518.5	-58.93	-13	-45.93	-61.71	3.08	5.86	Horizontal	Pass
3358.0	-63.86	-13	-50.86	-68.35	3.33	7.82	Horizontal	Pass
1679.0	-42.71	-13	-29.71	-45.51	2.63	5.43	Vertical	Pass
2518.5	-63.24	-13	-50.24	-66.02	3.08	5.86	Vertical	Pass
3358.0	-62.27	-13	-49.27	-66.76	3.33	7.82	Vertical	Pass

- End of the Appendix -