

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	24.28	0.30	22.43	<=38.45	Pass
			5	24.28	0.30	22.43	<=38.45	Pass
		6	0	23.29	0.30	21.44	<=38.45	Pass
	836.5	1	0	24.28	0.30	22.43	<=38.45	Pass
			5	24.28	0.30	22.43	<=38.45	Pass
		6	0	23.35	0.30	21.50	<=38.45	Pass
	848.3	1	0	24.35	0.30	22.50	<=38.45	Pass
			5	24.37	0.30	22.52	<=38.45	Pass
		6	0	23.43	0.30	21.58	<=38.45	Pass
16QAM	824.7	1	0	23.39	0.30	21.54	<=38.45	Pass
			5	23.28	0.30	21.43	<=38.45	Pass
		6	0	22.32	0.30	20.47	<=38.45	Pass
	836.5	1	0	23.32	0.30	21.47	<=38.45	Pass
			5	23.27	0.30	21.42	<=38.45	Pass
		6	0	22.45	0.30	20.60	<=38.45	Pass
	848.3	1	0	23.65	0.30	21.80	<=38.45	Pass
			5	23.56	0.30	21.71	<=38.45	Pass
		6	0	22.44	0.30	20.59	<=38.45	Pass
64QAM	824.7	1	0	22.32	0.30	20.47	<=38.45	Pass
			5	22.31	0.30	20.46	<=38.45	Pass
		6	0	21.32	0.30	19.47	<=38.45	Pass
	836.5	1	0	22.15	0.30	20.30	<=38.45	Pass
			5	22.12	0.30	20.27	<=38.45	Pass
		6	0	21.34	0.30	19.49	<=38.45	Pass
	848.3	1	0	22.53	0.30	20.68	<=38.45	Pass
			5	22.50	0.30	20.65	<=38.45	Pass
		6	0	21.39	0.30	19.54	<=38.45	Pass
256QAM	824.7	1	0	19.43	0.30	17.58	<=38.45	Pass
			5	19.41	0.30	17.56	<=38.45	Pass
		6	0	19.30	0.30	17.45	<=38.45	Pass
	836.5	1	0	19.31	0.30	17.46	<=38.45	Pass
			5	19.56	0.30	17.71	<=38.45	Pass
		6	0	19.40	0.30	17.55	<=38.45	Pass
	848.3	1	0	19.62	0.30	17.77	<=38.45	Pass
			5	19.59	0.30	17.74	<=38.45	Pass
		6	0	19.45	0.30	17.60	<=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	24.29	0.30	22.44	<=38.45	Pass
			14	24.28	0.30	22.43	<=38.45	Pass
		15	0	23.32	0.30	21.47	<=38.45	Pass
	836.5	1	0	24.23	0.30	22.38	<=38.45	Pass

			14	24.24	0.30	22.39	<=38.45	Pass
		15	0	23.41	0.30	21.56	<=38.45	Pass
	847.5	1	0	24.34	0.30	22.49	<=38.45	Pass
			14	24.32	0.30	22.47	<=38.45	Pass
		15	0	23.49	0.30	21.64	<=38.45	Pass
16QAM	825.5	1	0	23.19	0.30	21.34	<=38.45	Pass
			14	23.09	0.30	21.24	<=38.45	Pass
		15	0	22.35	0.30	20.50	<=38.45	Pass
	836.5	1	0	23.15	0.30	21.30	<=38.45	Pass
			14	23.35	0.30	21.50	<=38.45	Pass
		15	0	22.38	0.30	20.53	<=38.45	Pass
	847.5	1	0	23.20	0.30	21.35	<=38.45	Pass
			14	23.28	0.30	21.43	<=38.45	Pass
		15	0	22.48	0.30	20.63	<=38.45	Pass
64QAM	825.5	1	0	22.42	0.30	20.57	<=38.45	Pass
			14	22.48	0.30	20.63	<=38.45	Pass
		15	0	21.34	0.30	19.49	<=38.45	Pass
	836.5	1	0	22.31	0.30	20.46	<=38.45	Pass
			14	22.36	0.30	20.51	<=38.45	Pass
		15	0	21.39	0.30	19.54	<=38.45	Pass
	847.5	1	0	22.30	0.30	20.45	<=38.45	Pass
			14	22.18	0.30	20.33	<=38.45	Pass
		15	0	21.44	0.30	19.59	<=38.45	Pass
256QAM	825.5	1	0	19.34	0.30	17.49	<=38.45	Pass
			14	19.34	0.30	17.49	<=38.45	Pass
		15	0	19.34	0.30	17.49	<=38.45	Pass
	836.5	1	0	19.59	0.30	17.74	<=38.45	Pass
			14	19.52	0.30	17.67	<=38.45	Pass
		15	0	19.42	0.30	17.57	<=38.45	Pass
	847.5	1	0	19.57	0.30	17.72	<=38.45	Pass
			14	19.49	0.30	17.64	<=38.45	Pass
		15	0	19.40	0.30	17.55	<=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	24.35	0.30	22.50	<=38.45	Pass
			24	24.14	0.30	22.29	<=38.45	Pass
		25	0	23.45	0.30	21.60	<=38.45	Pass
	836.5	1	0	24.30	0.30	22.45	<=38.45	Pass
			24	24.29	0.30	22.44	<=38.45	Pass
		25	0	23.51	0.30	21.66	<=38.45	Pass
	846.5	1	0	24.30	0.30	22.45	<=38.45	Pass
			24	24.51	0.30	22.66	<=38.45	Pass
		25	0	23.58	0.30	21.73	<=38.45	Pass
16QAM	826.5	1	0	23.00	0.30	21.15	<=38.45	Pass
			24	23.20	0.30	21.35	<=38.45	Pass
		25	0	22.23	0.30	20.38	<=38.45	Pass
	836.5	1	0	23.36	0.30	21.51	<=38.45	Pass
			24	23.18	0.30	21.33	<=38.45	Pass
		25	0	22.40	0.30	20.55	<=38.45	Pass
	846.5	1	0	23.60	0.30	21.75	<=38.45	Pass
			24	23.68	0.30	21.83	<=38.45	Pass
		25	0	22.55	0.30	20.70	<=38.45	Pass

64QAM	826.5	1	0	22.32	0.30	20.47	<=38.45	Pass
			24	22.30	0.30	20.45	<=38.45	Pass
		25	0	21.34	0.30	19.49	<=38.45	Pass
	836.5	1	0	22.17	0.30	20.32	<=38.45	Pass
			24	22.28	0.30	20.43	<=38.45	Pass
		25	0	21.38	0.30	19.53	<=38.45	Pass
	846.5	1	0	22.71	0.30	20.86	<=38.45	Pass
			24	22.50	0.30	20.65	<=38.45	Pass
		25	0	21.57	0.30	19.72	<=38.45	Pass
256QAM	826.5	1	0	19.46	0.30	17.61	<=38.45	Pass
			24	19.49	0.30	17.64	<=38.45	Pass
		25	0	19.36	0.30	17.51	<=38.45	Pass
	836.5	1	0	19.50	0.30	17.65	<=38.45	Pass
			24	19.56	0.30	17.71	<=38.45	Pass
		25	0	19.51	0.30	17.66	<=38.45	Pass
	846.5	1	0	19.64	0.30	17.79	<=38.45	Pass
			24	19.59	0.30	17.74	<=38.45	Pass
		25	0	19.54	0.30	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	24.24	0.30	22.39	<=38.45	Pass
			49	24.19	0.30	22.34	<=38.45	Pass
		50	0	23.28	0.30	21.43	<=38.45	Pass
	836.5	1	0	24.23	0.30	22.38	<=38.45	Pass
			49	24.24	0.30	22.39	<=38.45	Pass
		50	0	23.45	0.30	21.60	<=38.45	Pass
	844	1	0	24.45	0.30	22.60	<=38.45	Pass
			49	24.25	0.30	22.40	<=38.45	Pass
		50	0	23.56	0.30	21.71	<=38.45	Pass
16QAM	829	1	0	23.40	0.30	21.55	<=38.45	Pass
			49	23.51	0.30	21.66	<=38.45	Pass
		50	0	22.29	0.30	20.44	<=38.45	Pass
	836.5	1	0	23.44	0.30	21.59	<=38.45	Pass
			49	23.51	0.30	21.66	<=38.45	Pass
		50	0	22.36	0.30	20.51	<=38.45	Pass
	844	1	0	23.57	0.30	21.72	<=38.45	Pass
			49	23.67	0.30	21.82	<=38.45	Pass
		50	0	22.57	0.30	20.72	<=38.45	Pass
64QAM	829	1	0	22.13	0.30	20.28	<=38.45	Pass
			49	22.45	0.30	20.60	<=38.45	Pass
		50	0	21.31	0.30	19.46	<=38.45	Pass
	836.5	1	0	22.36	0.30	20.51	<=38.45	Pass
			49	22.51	0.30	20.66	<=38.45	Pass
		50	0	21.31	0.30	19.46	<=38.45	Pass
	844	1	0	22.30	0.30	20.45	<=38.45	Pass
			49	22.33	0.30	20.48	<=38.45	Pass
		50	0	21.54	0.30	19.69	<=38.45	Pass
256QAM	829	1	0	19.35	0.30	17.50	<=38.45	Pass
			49	19.40	0.30	17.55	<=38.45	Pass
		50	0	19.23	0.30	17.38	<=38.45	Pass
	836.5	1	0	19.46	0.30	17.61	<=38.45	Pass

	844	50	0	19.41	0.30	17.56	<=38.45	Pass
		1	0	19.56	0.30	17.71	<=38.45	Pass
			49	19.55	0.30	17.70	<=38.45	Pass
		50	0	19.52	0.30	17.67	<=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	LV	-1.300	-0.0016	-2.5 to 2.5	Pass
					NV	-2.300	-0.0027	-2.5 to 2.5	Pass
					HV	-4.200	-0.0050	-2.5 to 2.5	Pass
				-30	NV	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	NV	-1.900	-0.0023	-2.5 to 2.5	Pass
				-10	NV	-1.600	-0.0019	-2.5 to 2.5	Pass
				0	NV	1.200	0.0014	-2.5 to 2.5	Pass
				10	NV	-1.500	-0.0018	-2.5 to 2.5	Pass
				30	NV	2.100	0.0025	-2.5 to 2.5	Pass
				40	NV	1.600	0.0019	-2.5 to 2.5	Pass
				50	NV	-3.400	-0.0041	-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	1.112	/	Pass
	16QAM	836.5	6	0	1.120	/	Pass
3	QPSK	836.5	15	0	2.721	/	Pass
	16QAM	836.5	15	0	2.725	/	Pass
5	QPSK	836.5	25	0	4.557	/	Pass
	16QAM	836.5	25	0	4.526	/	Pass
10	QPSK	836.5	50	0	9.068	/	Pass
	16QAM	836.5	50	0	9.015	/	Pass

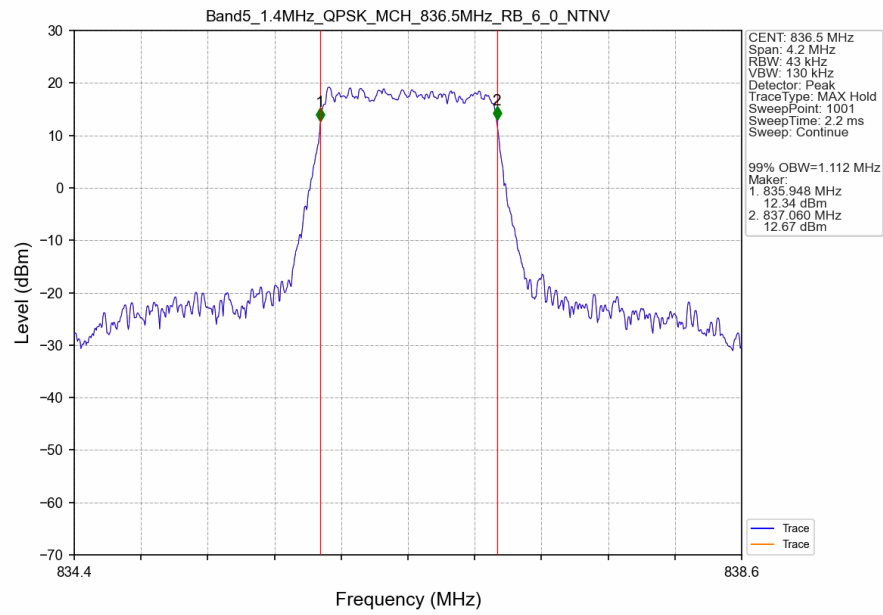
3.1.2 Band5_XDB

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	1.318	/	Pass
	16QAM	836.5	6	0	1.316	/	Pass
3	QPSK	836.5	15	0	3.011	/	Pass
	16QAM	836.5	15	0	3.014	/	Pass
5	QPSK	836.5	25	0	4.970	/	Pass
	16QAM	836.5	25	0	5.038	/	Pass
10	QPSK	836.5	50	0	9.982	/	Pass
	16QAM	836.5	50	0	9.911	/	Pass

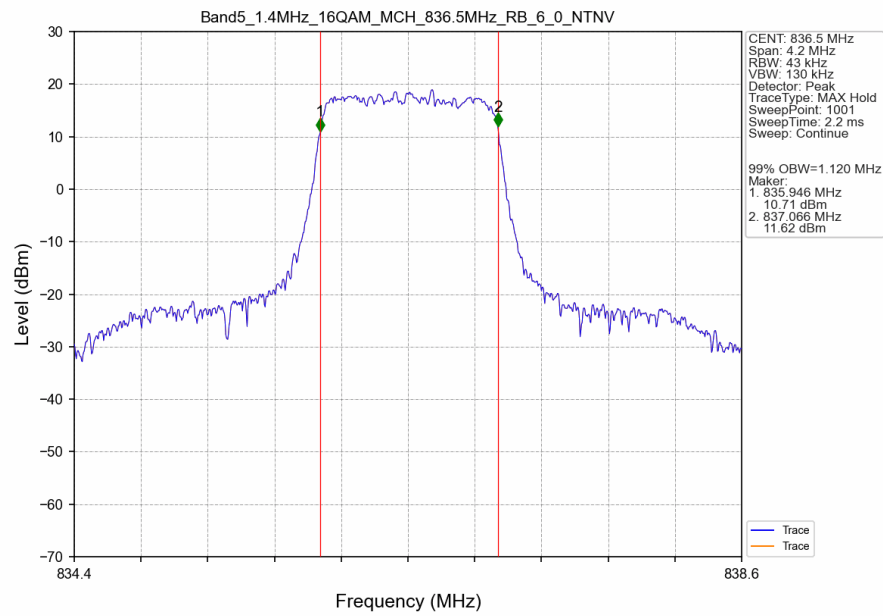
3.2 Test Graph

3.2.1 Band5_OBW

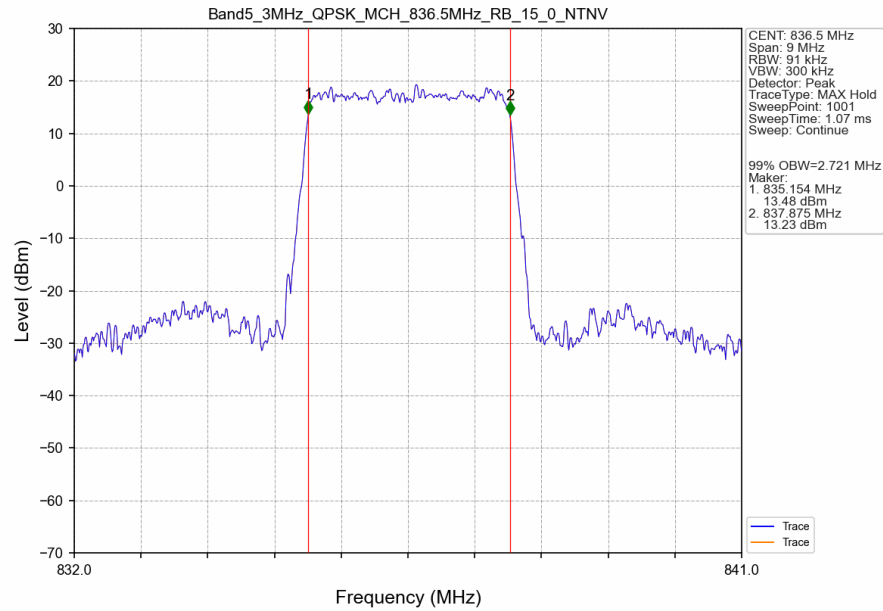
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV
--



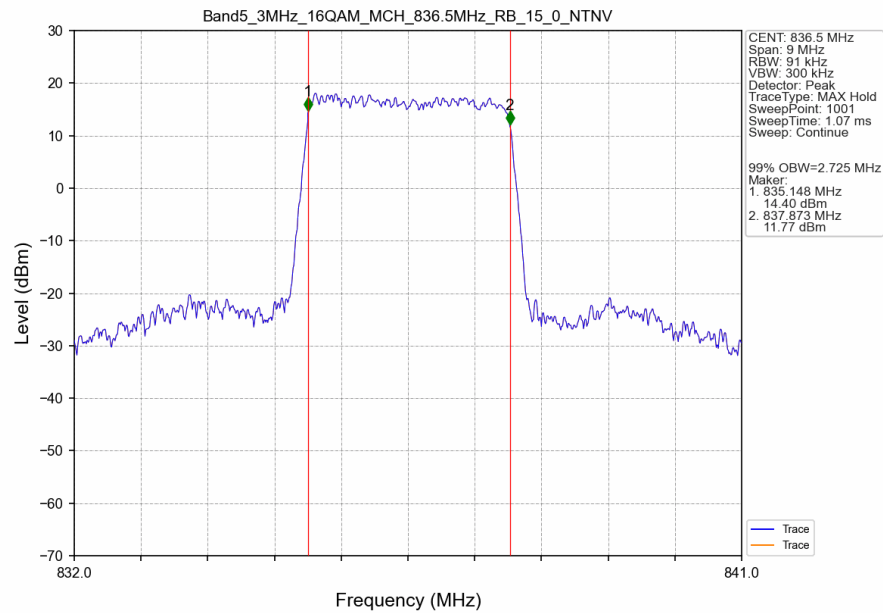
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



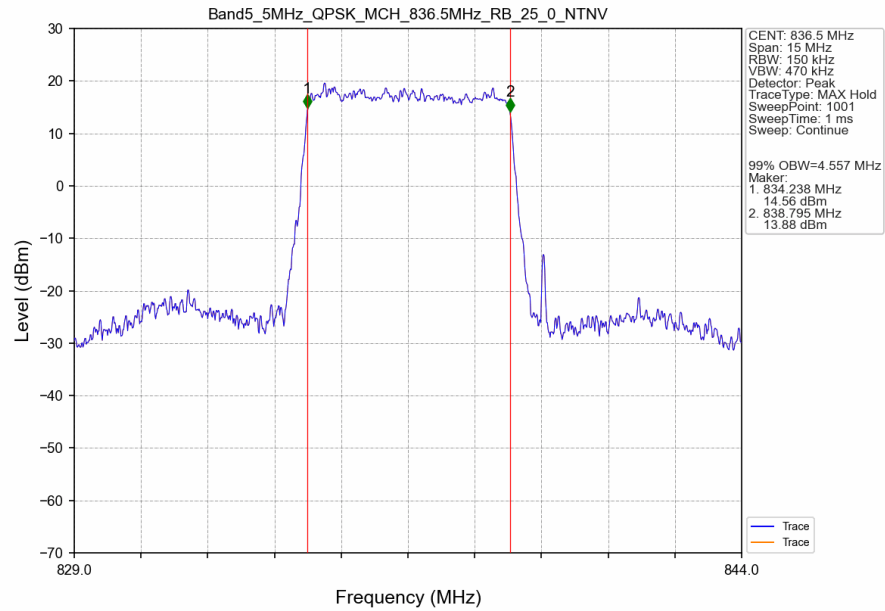
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



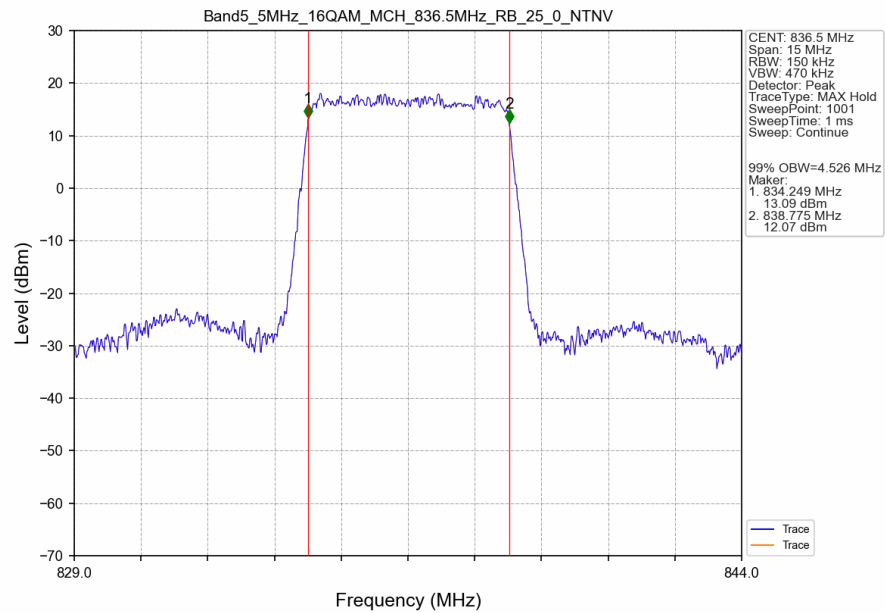
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTN



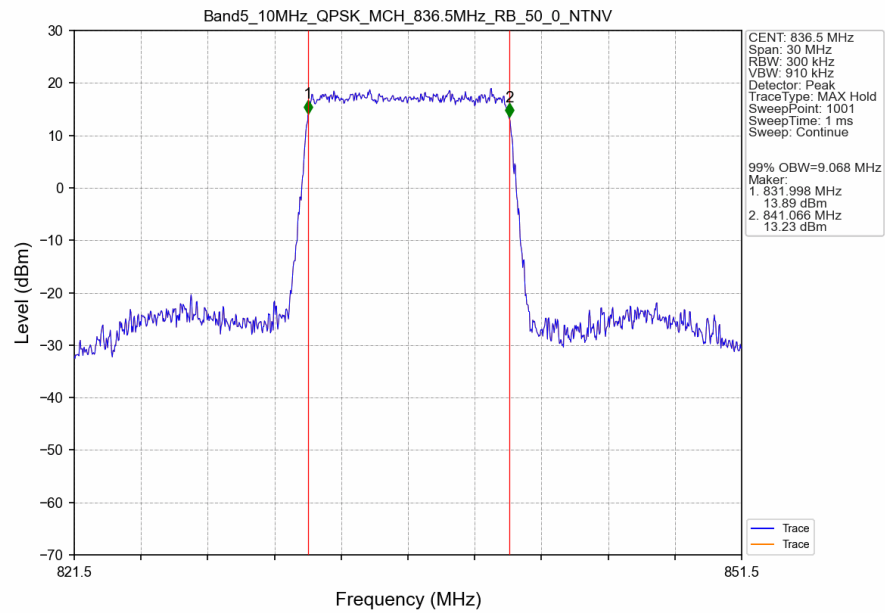
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



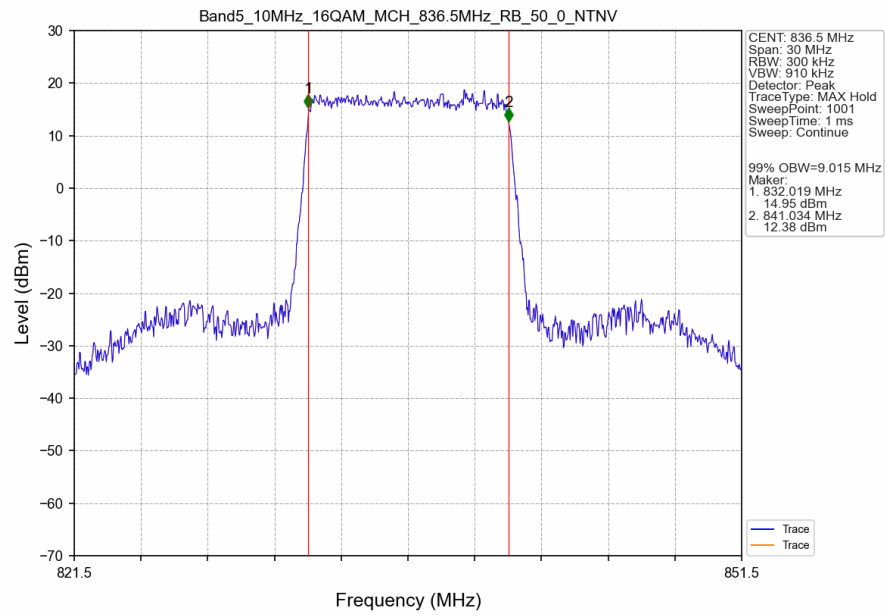
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



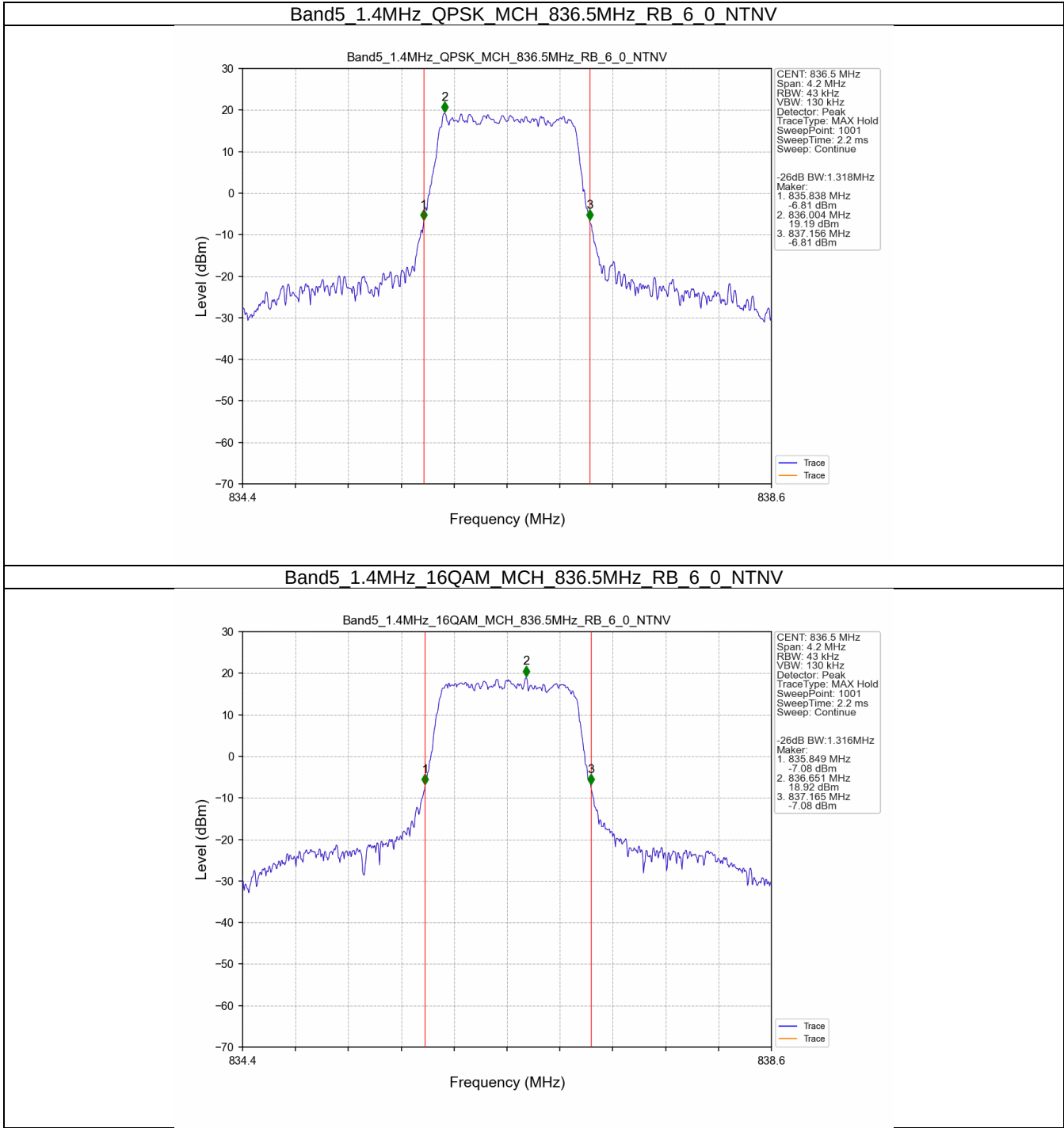
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



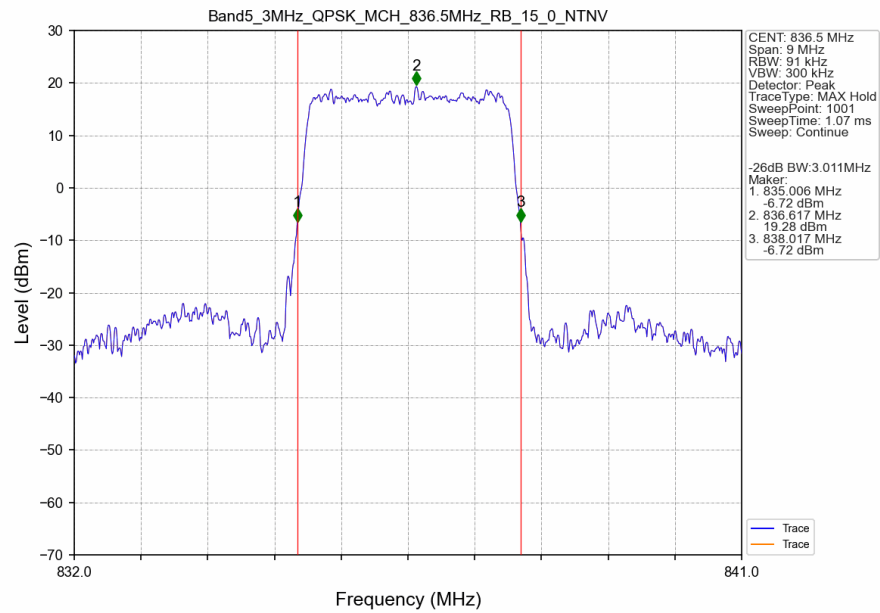
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



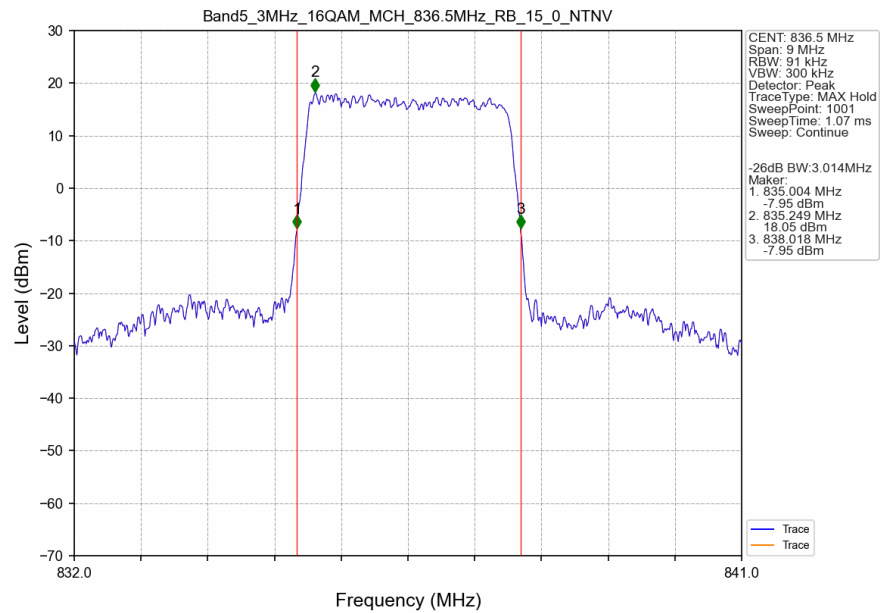
3.2.2 Band5_XDB



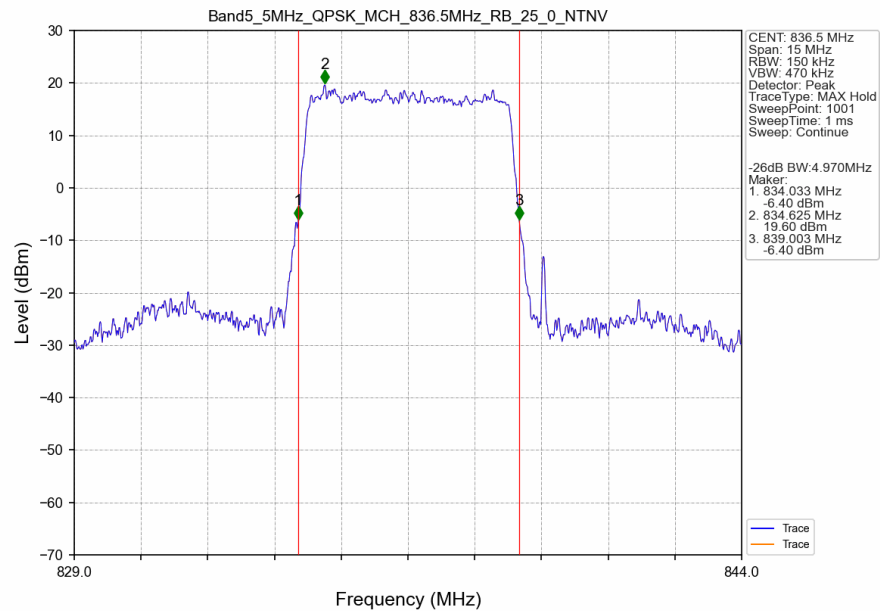
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



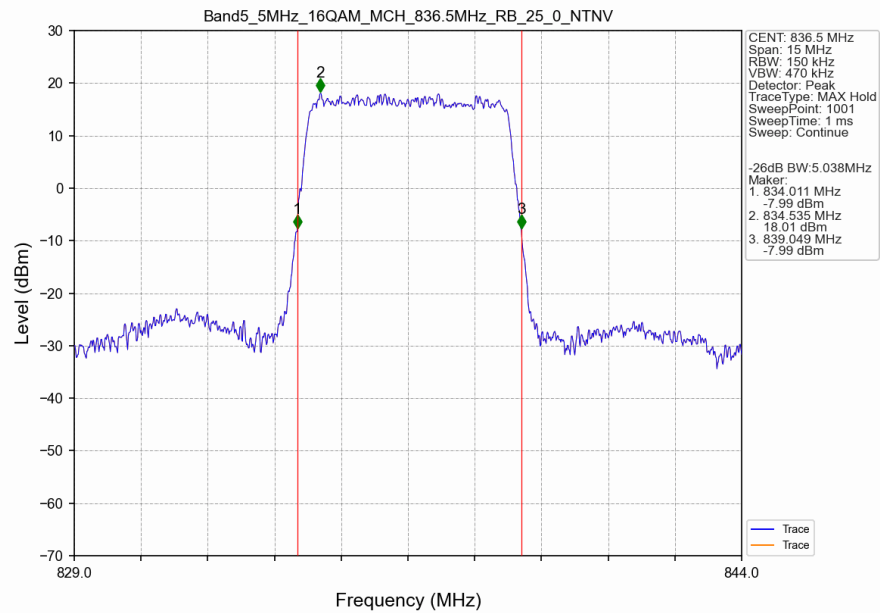
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



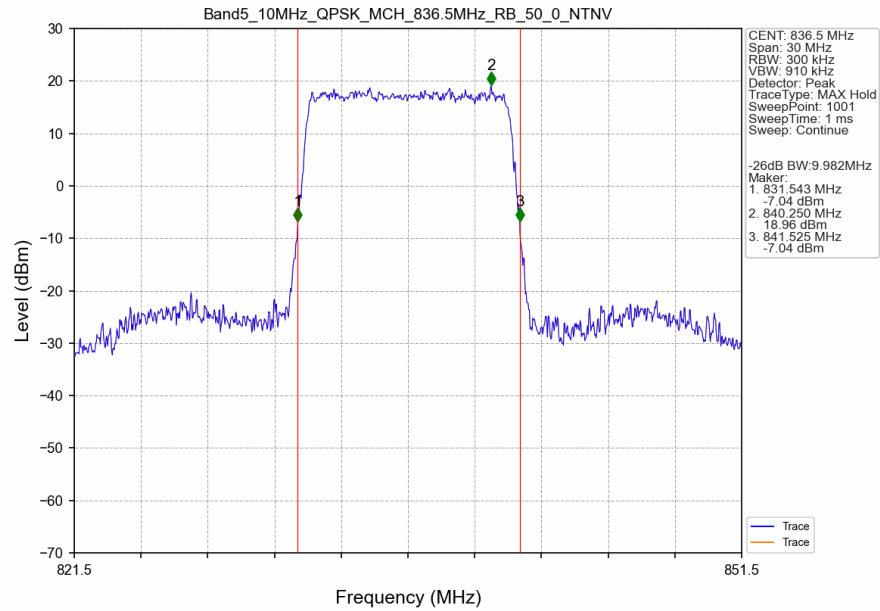
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



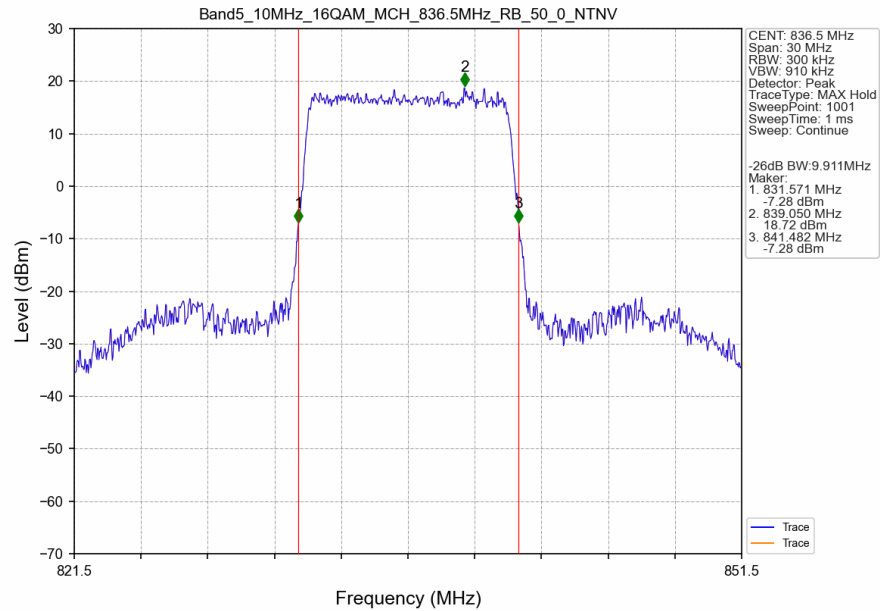
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

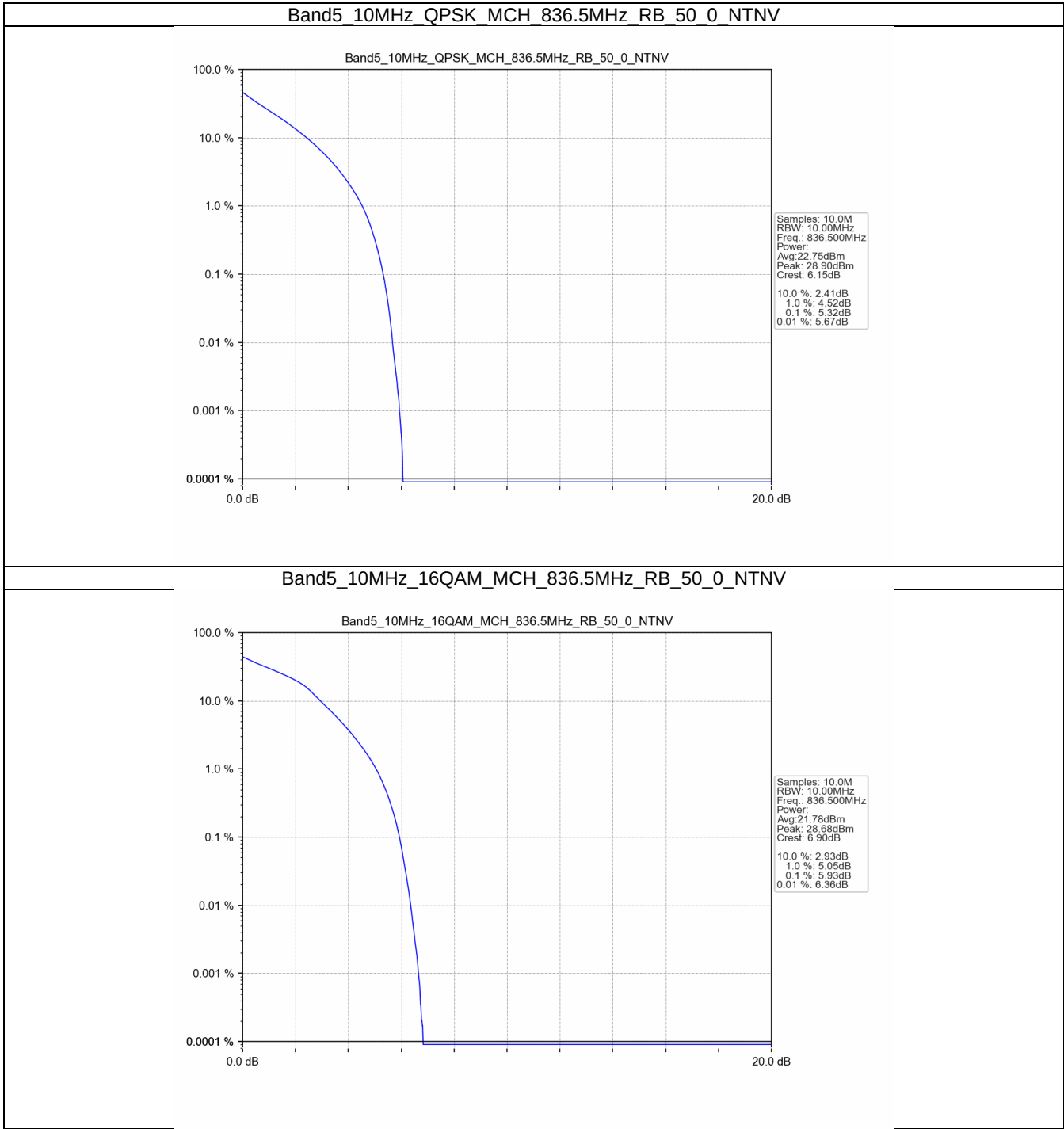
4.1 Test Result

4.1.1 B5_10MHz

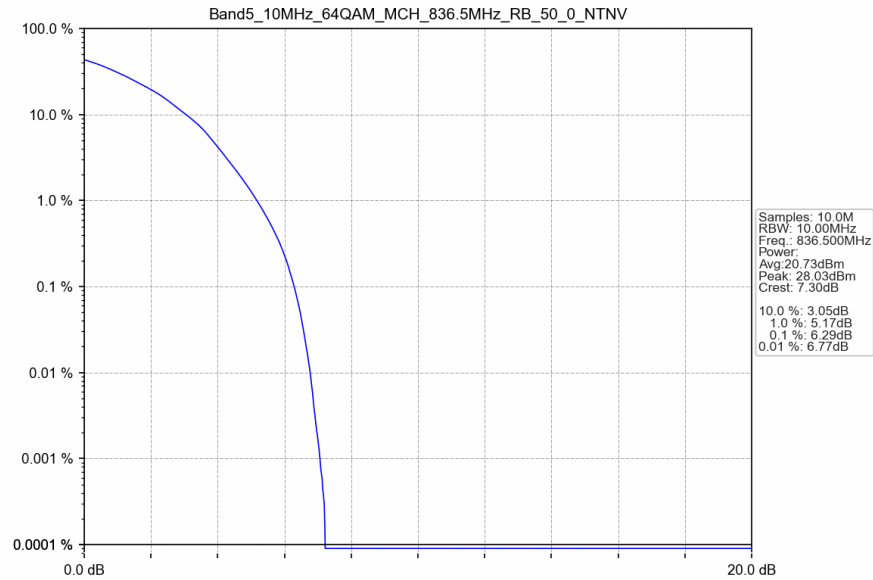
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	5.32	<=13	Pass
16QAM	836.5	50	0	5.93	<=13	Pass
64QAM	836.5	50	0	6.29	<=13	Pass
256QAM	836.5	50	0	6.54	<=13	Pass

4.2 Test Graph

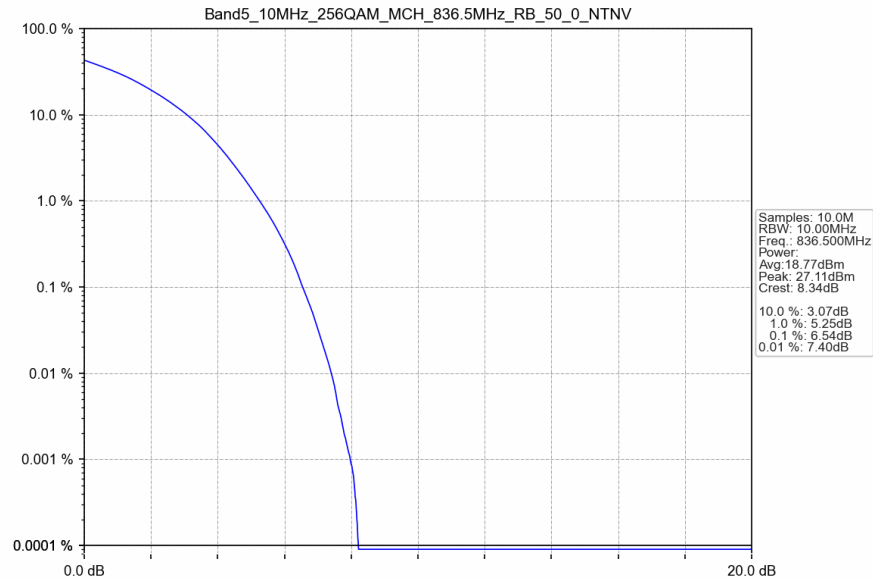
4.2.1 B5_10MHz



Band5 10MHz 64QAM MCH 836.5MHz RB 50 0 NTN



Band5 10MHz 256QAM MCH 836.5MHz RB 50 0 NTN



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		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B5_5MHz

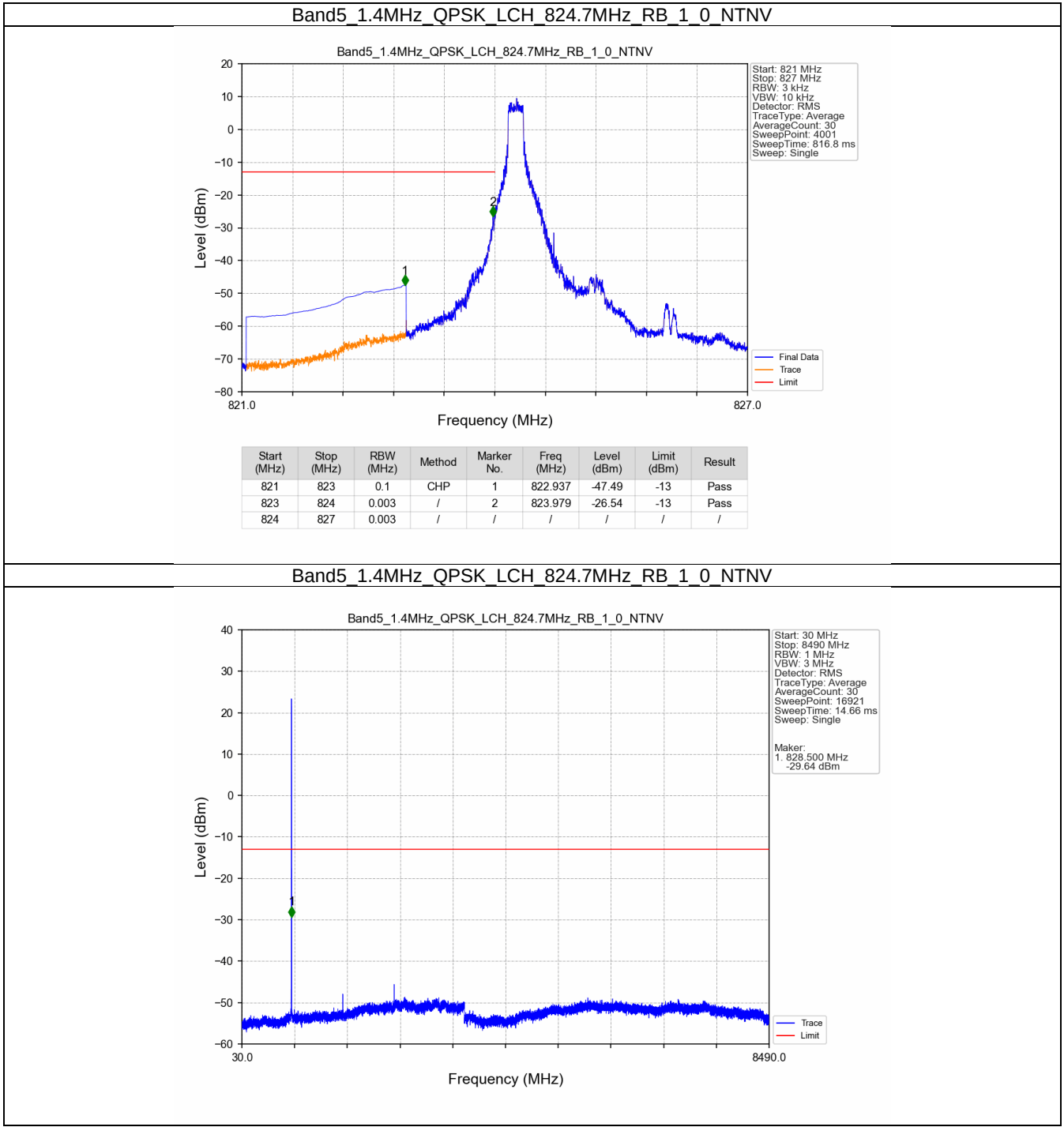
Band: 5 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

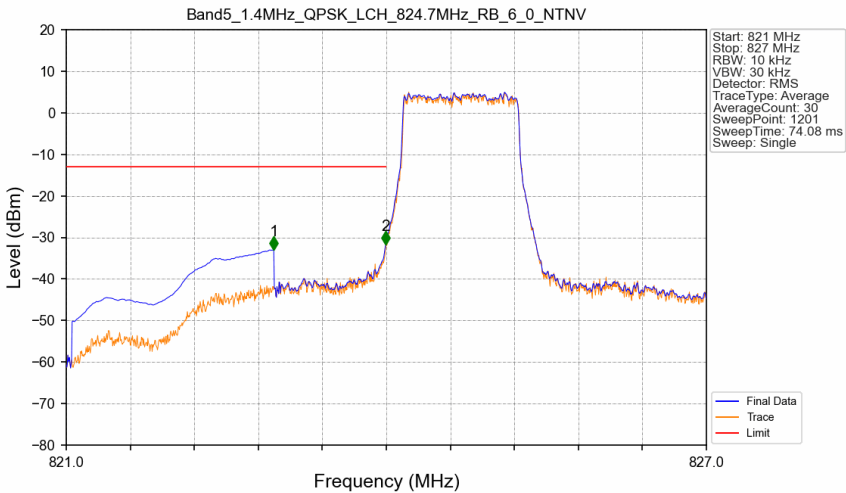
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph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

5.2 Test Graph

5.2.1 B5_1.4MHz

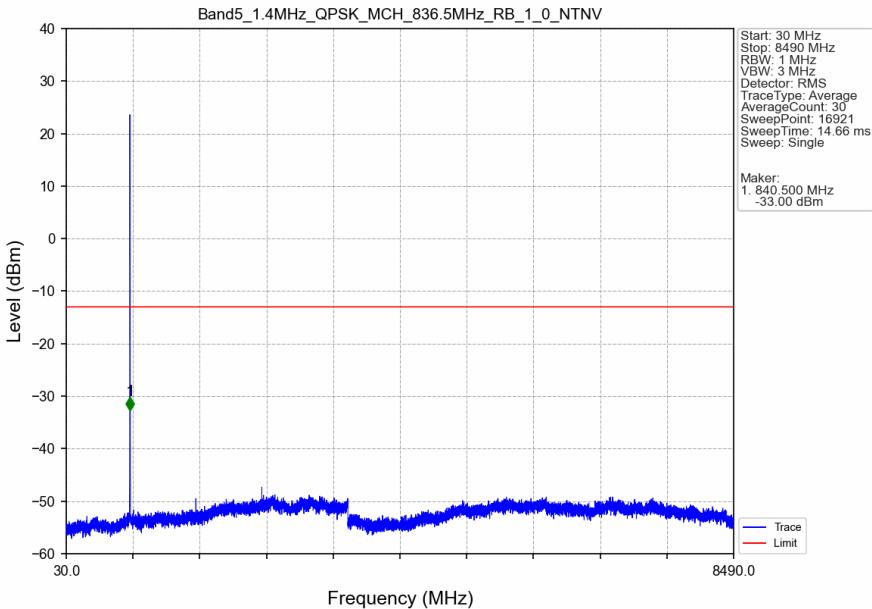


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN

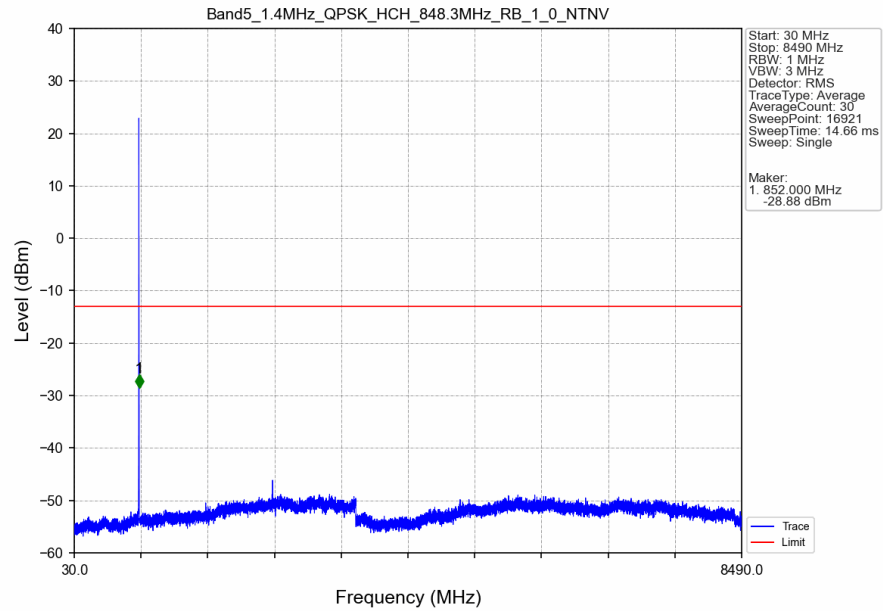


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-32.99	-13	Pass
823	824	0.013	CHP	2	823.995	-31.67	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

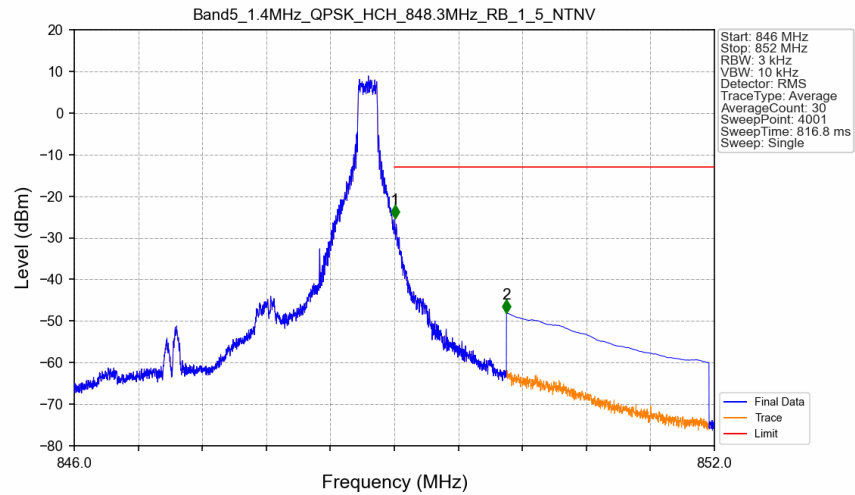
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTN



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTN

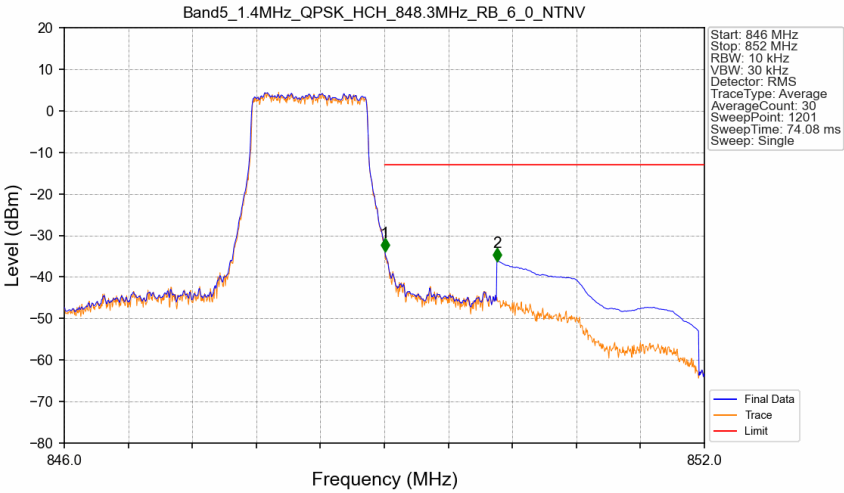


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTN



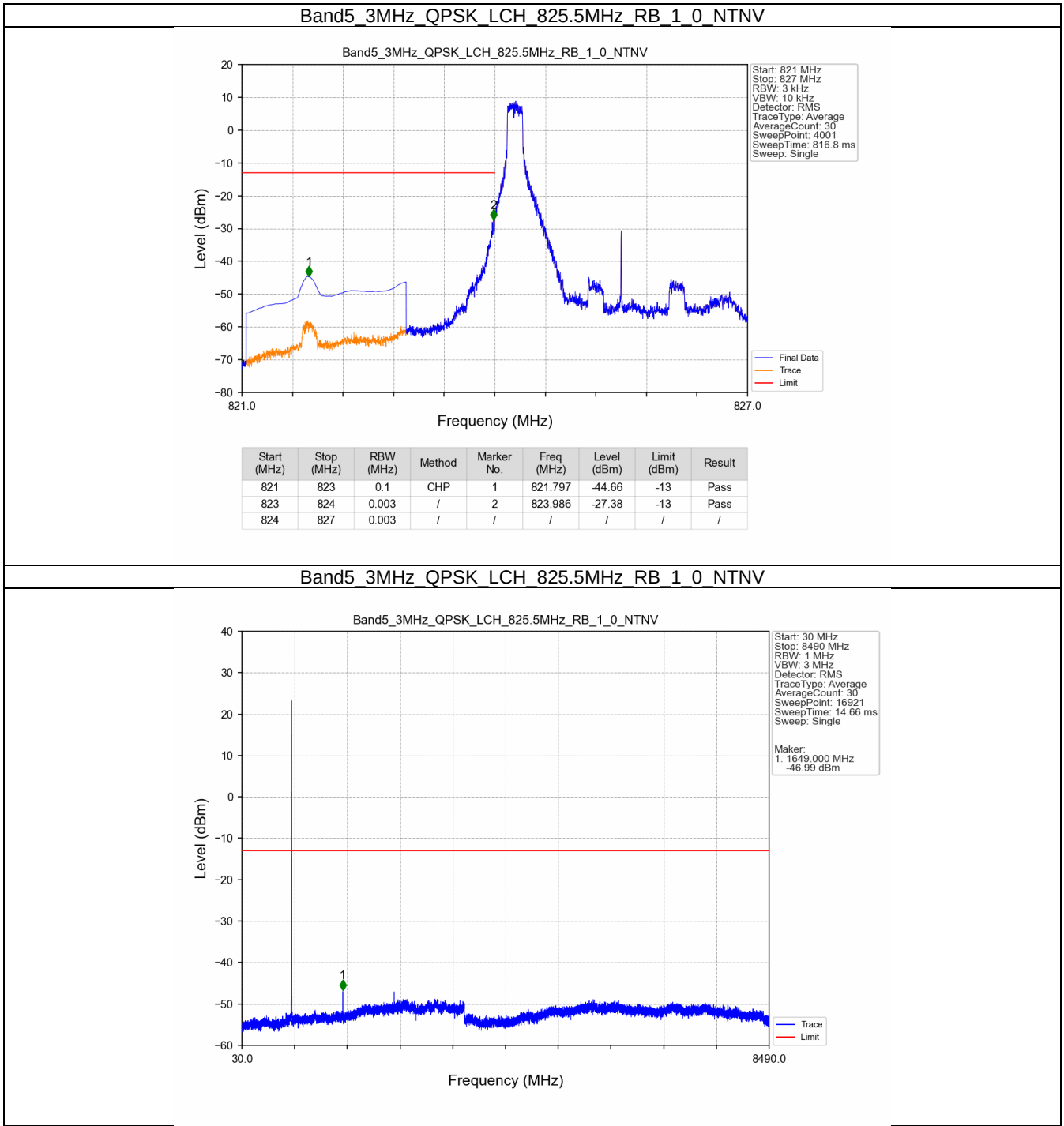
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-25.38	-13	Pass
850	852	0.1	CHP	2	850.052	-48.09	-13	Pass

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN

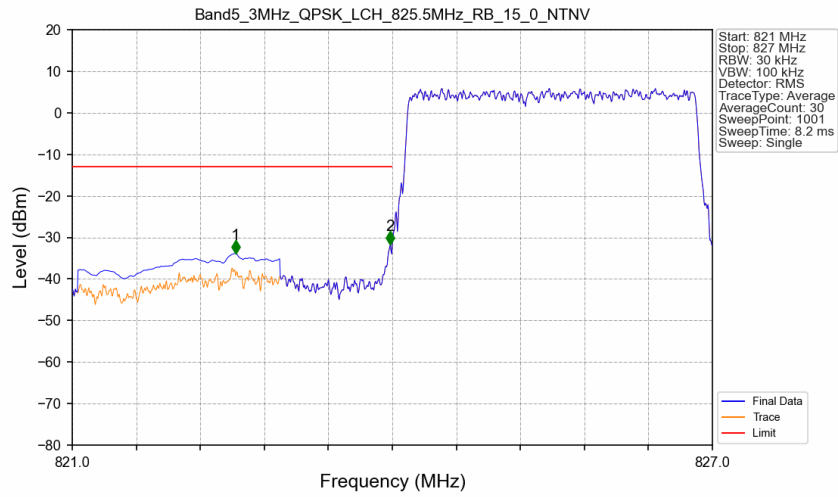


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-33.94	-13	Pass
850	852	0.1	CHP	2	850.055	-36.19	-13	Pass

5.2.2 B5_3MHz

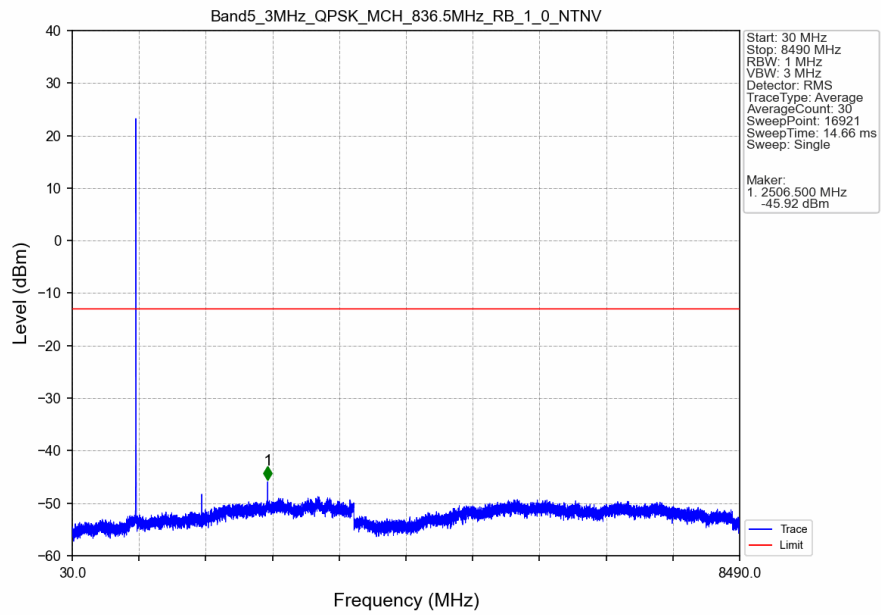


Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN

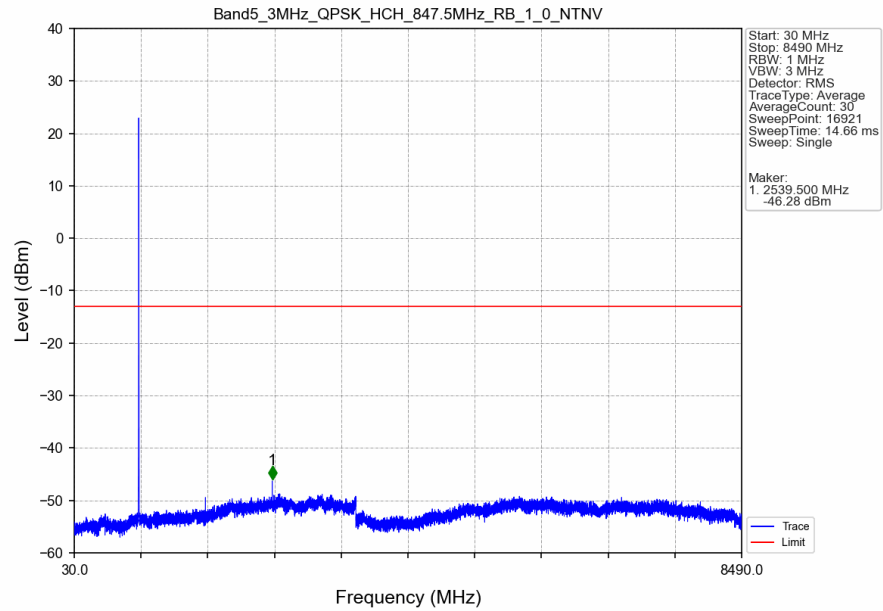


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.530	-33.88	-13	Pass
823	824	0.03	/	2	823.982	-31.65	-13	Pass
824	827	0.03	/	/	/	/	/	/

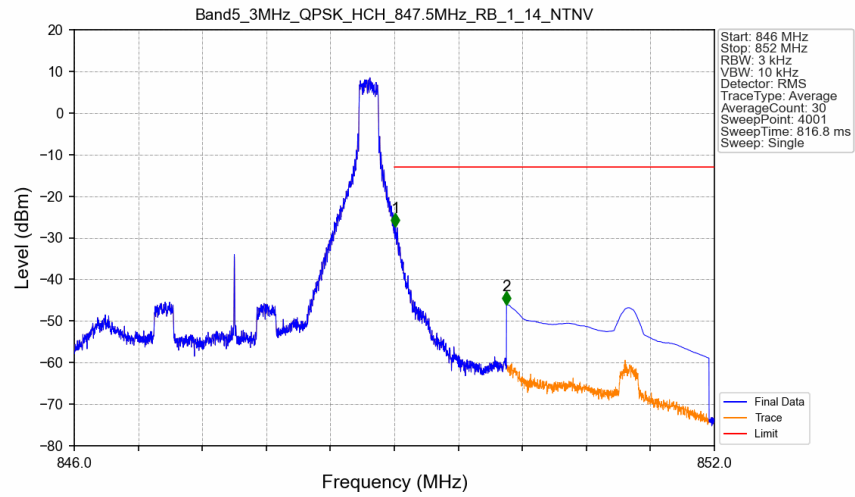
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTN

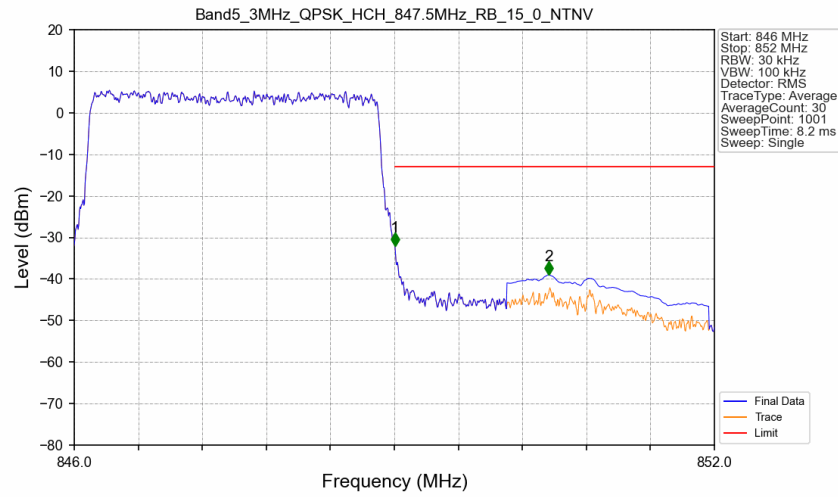


Band5_3MHz QPSK HCH 847.5MHz RB 1 14 NTN



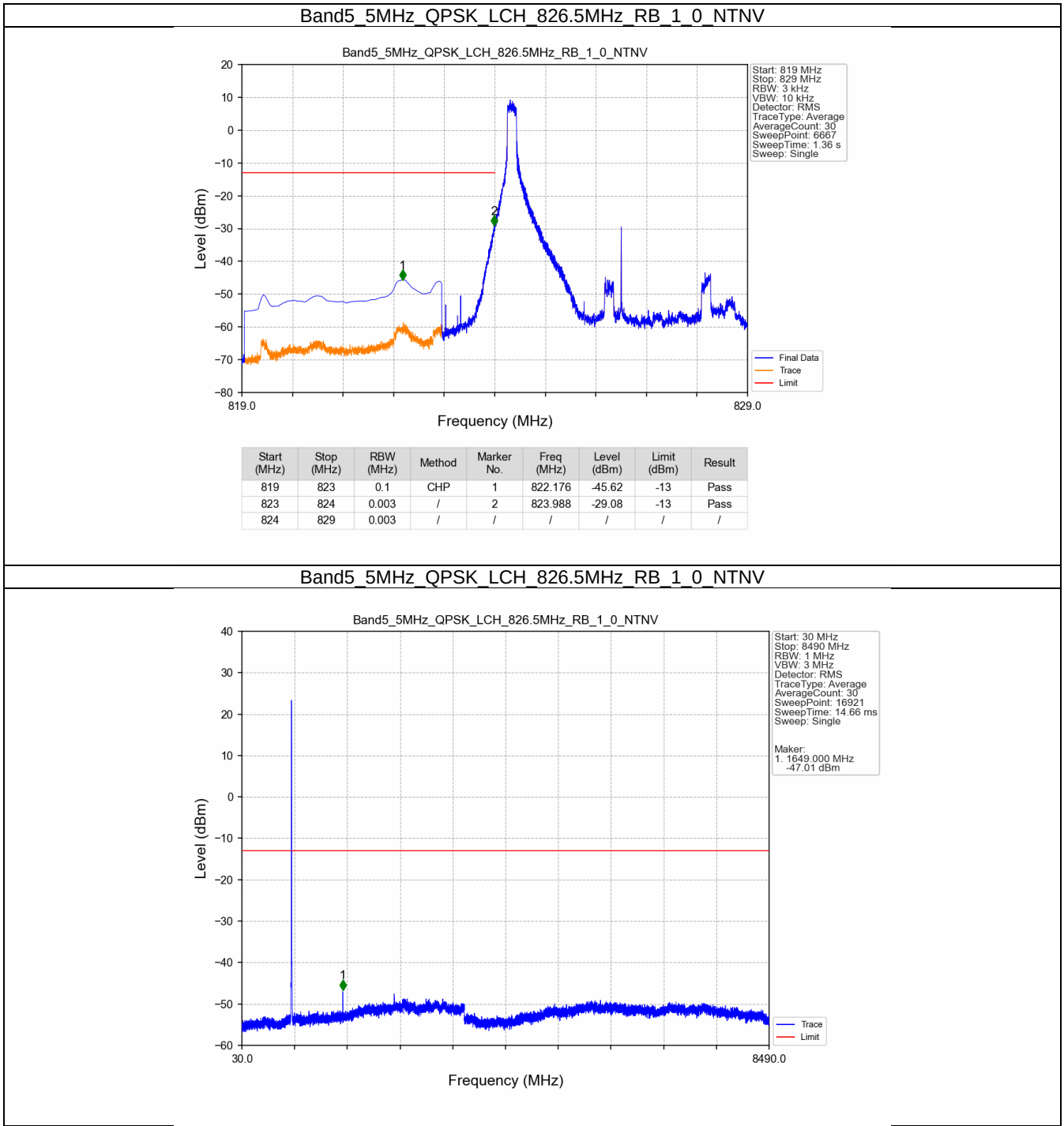
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.010	-27.22	-13	Pass
850	852	0.1	CHP	2	850.052	-46.03	-13	Pass

Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN

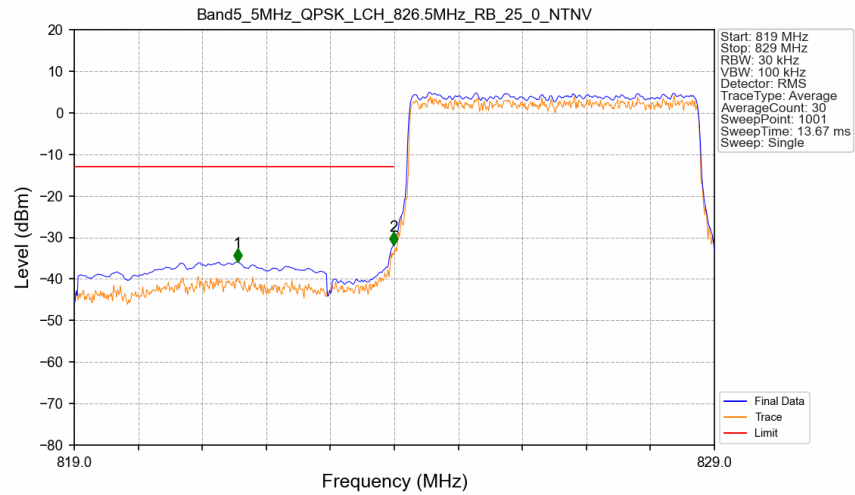


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-32.12	-13	Pass
850	852	0.1	CHP	2	850.446	-38.98	-13	Pass

5.2.3 B5_5MHz

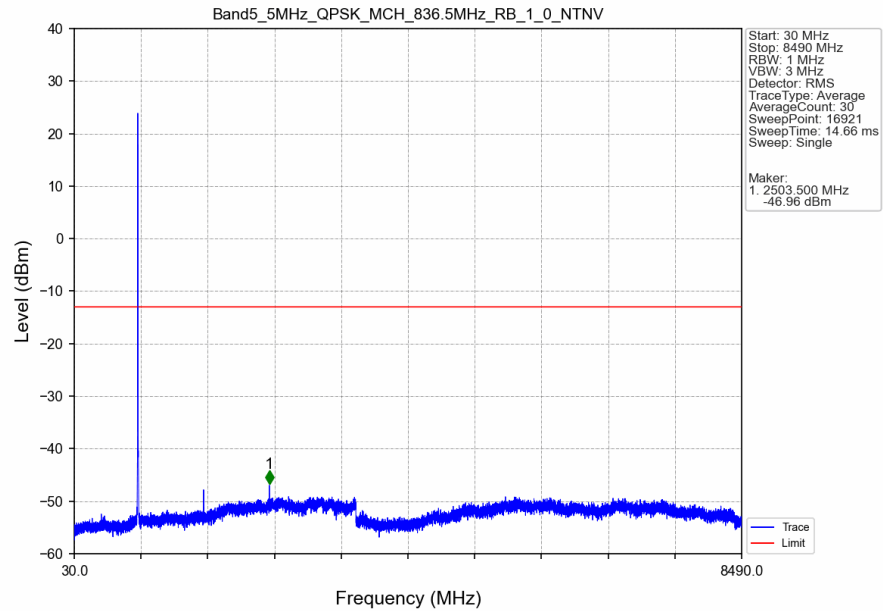


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

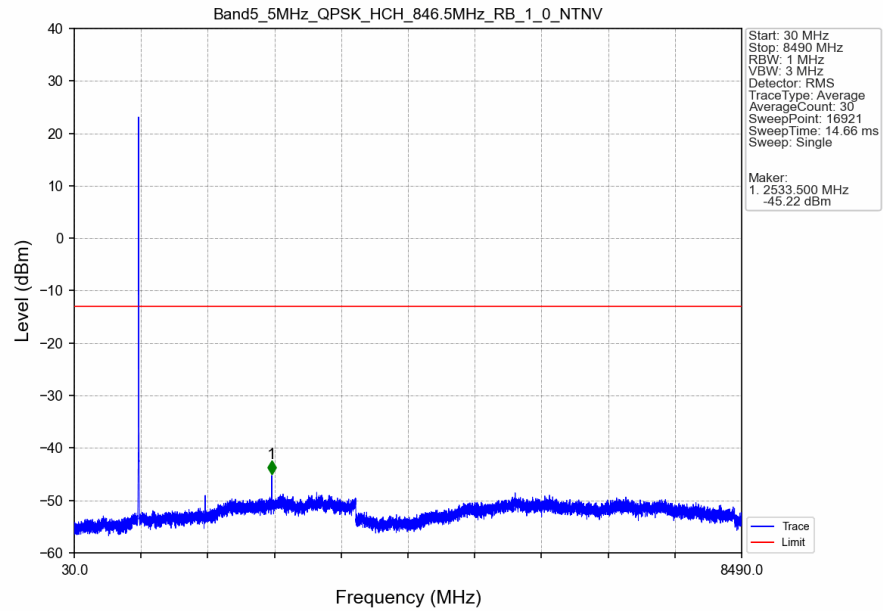


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	821.550	-35.87	-13	Pass
823	824	0.05	CHP	2	823.990	-31.92	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

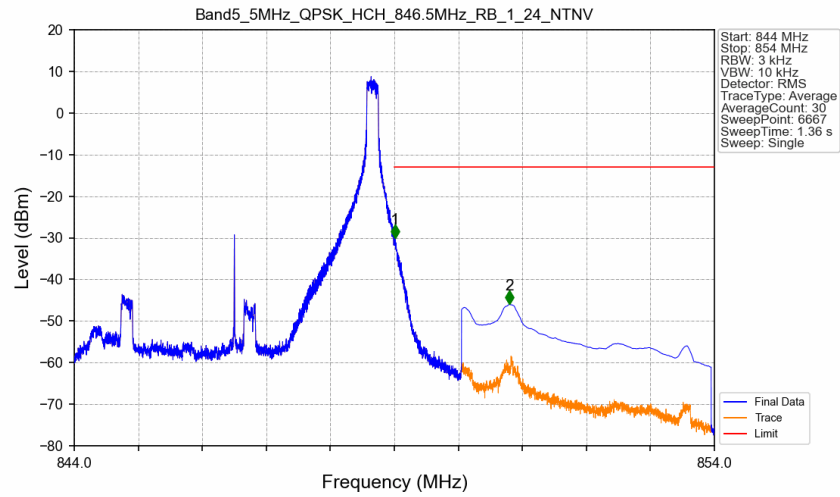
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTN

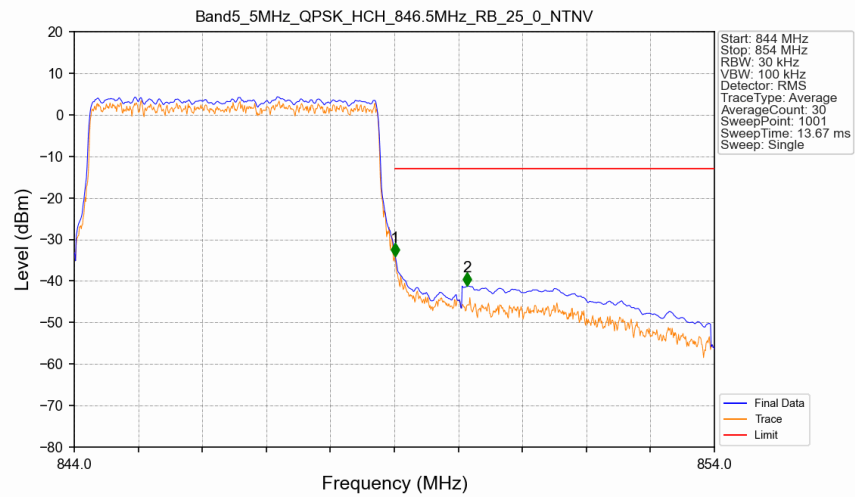


Band5_5MHz QPSK HCH 846.5MHz RB 1 24 NTN



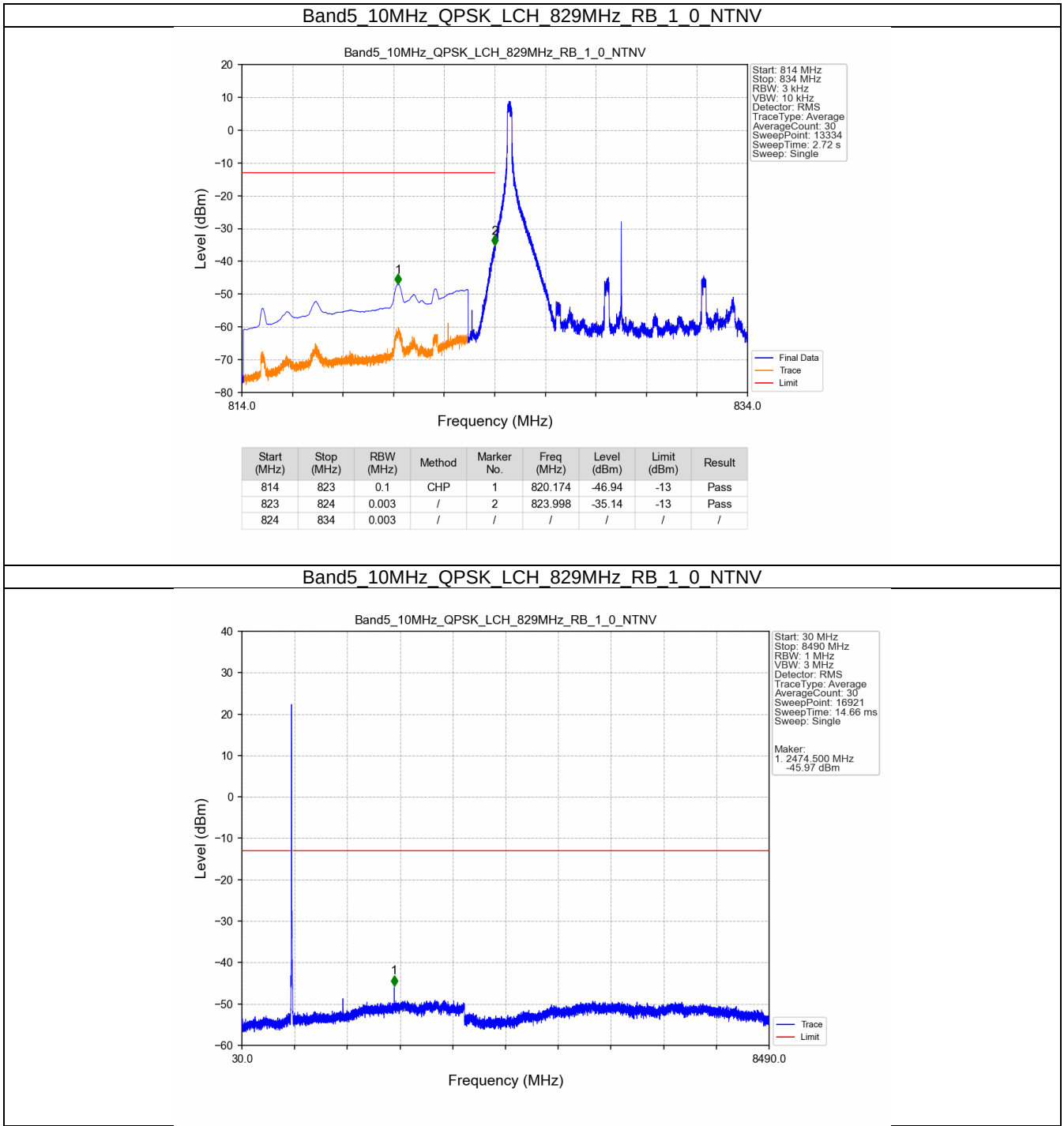
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-29.95	-13	Pass
850	854	0.1	CHP	2	850.802	-45.93	-13	Pass

Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN

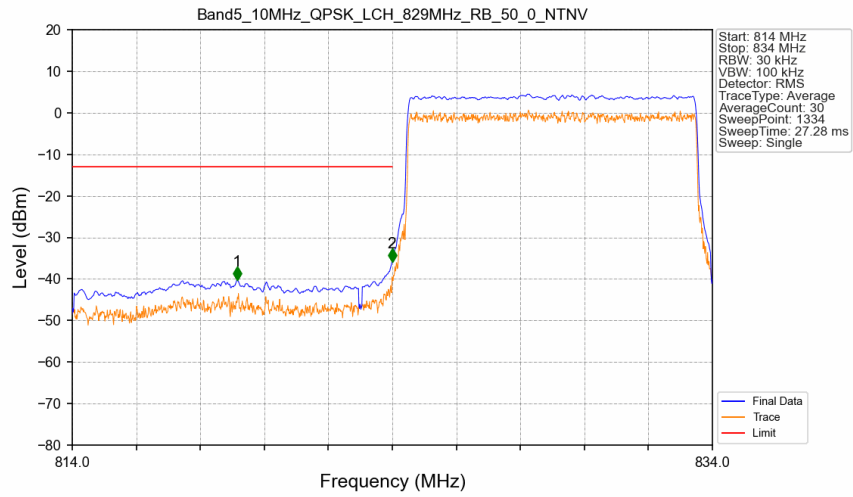


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-33.96	-13	Pass
850	854	0.1	CHP	2	850.140	-41.17	-13	Pass

5.2.4 B5_10MHz

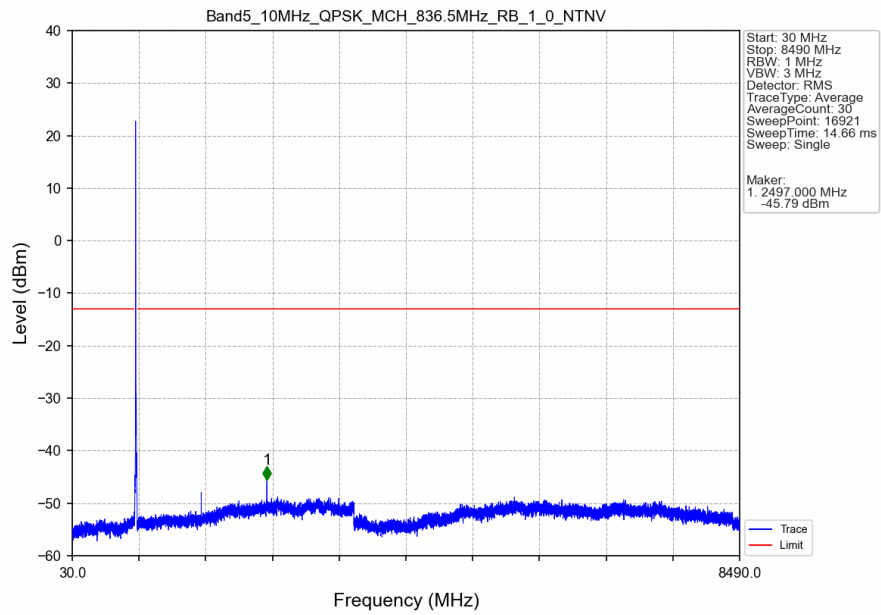


Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN

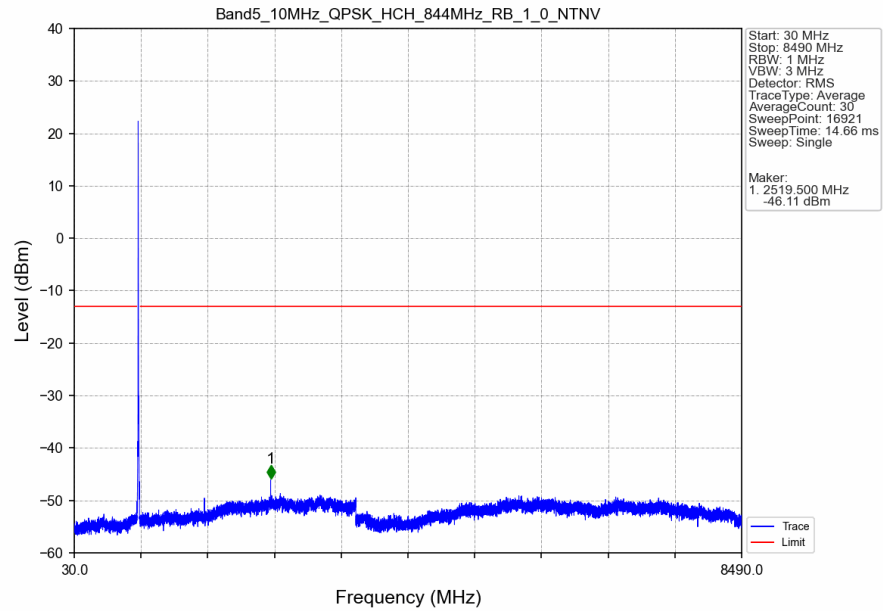


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	819.146	-40.29	-13	Pass
823	824	0.099	CHP	2	823.992	-35.79	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

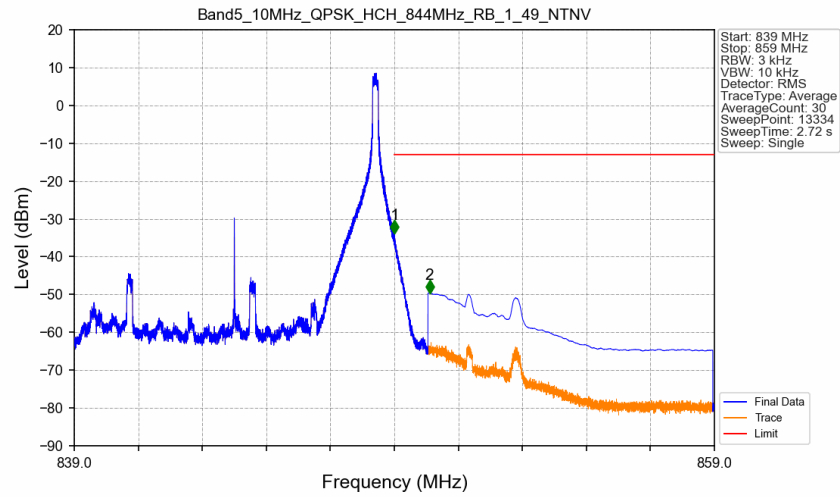
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTN



Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV

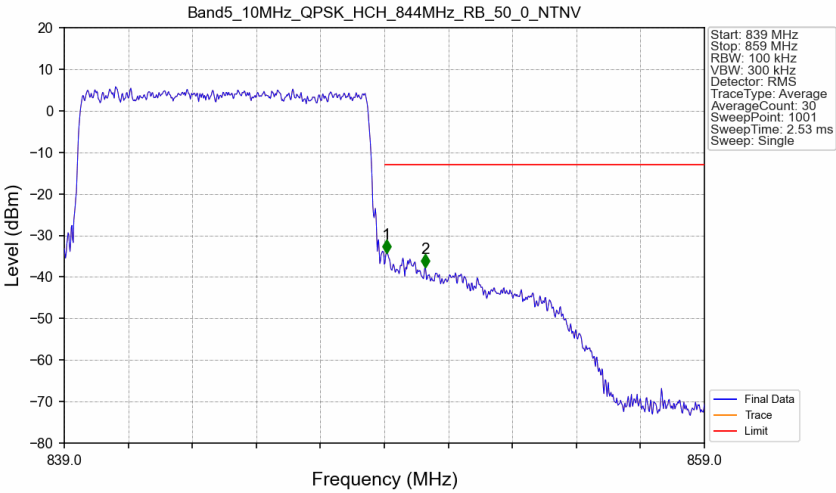


Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV



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	-33.86	-13	Pass
850	859	0.1	CHP	2	850.102	-49.59	-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	849.060	-34.25	-13	Pass
850	859	0.1	/	2	850.280	-37.61	-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	-51.64	-13	-38.64	-54.52	2.62	5.5	Horizontal	Pass
2473.5	-36.77	-13	-23.77	-39.47	3.06	5.76	Horizontal	Pass
3298.0	-67.46	-13	-54.46	-71.82	3.3	7.66	Horizontal	Pass
1649.0	-53.38	-13	-40.38	-56.26	2.62	5.5	Vertical	Pass
2473.5	-39.33	-13	-26.33	-42.03	3.06	5.76	Vertical	Pass
4128.28	-57.99	-13	-44.99	-63.0	3.97	8.98	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	-53.53	-13	-40.53	-56.37	2.63	5.47	Horizontal	Pass
2496.0	-38.7	-13	-25.7	-41.43	3.08	5.81	Horizontal	Pass
3328.0	-66.9	-13	-53.9	-71.33	3.31	7.74	Horizontal	Pass
1664.0	-54.81	-13	-41.81	-57.65	2.63	5.47	Vertical	Pass
2496.0	-35.56	-13	-22.56	-38.29	3.08	5.81	Vertical	Pass
4159.927	-53.95	-13	-40.95	-58.97	4.0	9.02	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	-52.2	-13	-39.2	-55.0	2.63	5.43	Horizontal	Pass
2518.5	-36.38	-13	-23.38	-39.16	3.08	5.86	Horizontal	Pass
3358.0	-67.16	-13	-54.16	-71.65	3.33	7.82	Horizontal	Pass
1679.0	-56.8	-13	-43.8	-59.6	2.63	5.43	Vertical	Pass
2518.5	-37.77	-13	-24.77	-40.55	3.08	5.86	Vertical	Pass
4202.5	-58.86	-13	-45.86	-63.88	4.05	9.07	Vertical	Pass