

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	23.61	-3.90	17.56	<=38.45	Pass
			2	23.60	-3.90	17.55	<=38.45	Pass
			5	23.59	-3.90	17.54	<=38.45	Pass
		3	0	23.55	-3.90	17.50	<=38.45	Pass
			2	23.54	-3.90	17.49	<=38.45	Pass
			3	23.52	-3.90	17.47	<=38.45	Pass
		6	0	22.51	-3.90	16.46	<=38.45	Pass
	836.5	1	0	23.78	-3.90	17.73	<=38.45	Pass
			2	23.80	-3.90	17.75	<=38.45	Pass
			5	23.73	-3.90	17.68	<=38.45	Pass
		3	0	23.52	-3.90	17.47	<=38.45	Pass
			2	23.53	-3.90	17.48	<=38.45	Pass
			3	23.50	-3.90	17.45	<=38.45	Pass
		6	0	22.52	-3.90	16.47	<=38.45	Pass
	848.3	1	0	23.45	-3.90	17.40	<=38.45	Pass
			2	23.48	-3.90	17.43	<=38.45	Pass
			5	23.45	-3.90	17.40	<=38.45	Pass
		3	0	23.39	-3.90	17.34	<=38.45	Pass
			2	23.36	-3.90	17.31	<=38.45	Pass
			3	23.36	-3.90	17.31	<=38.45	Pass
		6	0	22.39	-3.90	16.34	<=38.45	Pass
16QAM	824.7	1	0	22.41	-3.90	16.36	<=38.45	Pass
			2	22.37	-3.90	16.32	<=38.45	Pass
			5	22.39	-3.90	16.34	<=38.45	Pass
		3	0	22.49	-3.90	16.44	<=38.45	Pass
			2	22.50	-3.90	16.45	<=38.45	Pass
			3	22.49	-3.90	16.44	<=38.45	Pass
		6	0	21.49	-3.90	15.44	<=38.45	Pass
	836.5	1	0	22.58	-3.90	16.53	<=38.45	Pass
			2	22.69	-3.90	16.64	<=38.45	Pass
			5	22.55	-3.90	16.50	<=38.45	Pass
		3	0	22.71	-3.90	16.66	<=38.45	Pass
			2	22.72	-3.90	16.67	<=38.45	Pass
			3	22.69	-3.90	16.64	<=38.45	Pass
		6	0	21.53	-3.90	15.48	<=38.45	Pass
	848.3	1	0	22.60	-3.90	16.55	<=38.45	Pass
			2	22.62	-3.90	16.57	<=38.45	Pass
			5	22.61	-3.90	16.56	<=38.45	Pass
		3	0	22.48	-3.90	16.43	<=38.45	Pass
			2	22.48	-3.90	16.43	<=38.45	Pass
			3	22.47	-3.90	16.42	<=38.45	Pass
		6	0	21.31	-3.90	15.26	<=38.45	Pass
64QAM	824.7	1	0	21.67	-3.90	15.62	<=38.45	Pass
			2	21.63	-3.90	15.58	<=38.45	Pass
			5	21.58	-3.90	15.53	<=38.45	Pass
		3	0	21.49	-3.90	15.44	<=38.45	Pass
			2	21.52	-3.90	15.47	<=38.45	Pass
			3	21.54	-3.90	15.49	<=38.45	Pass
		6	0	20.56	-3.90	14.51	<=38.45	Pass

	836.5	1	0	21.56	-3.90	15.51	<=38.45	Pass
			2	21.59	-3.90	15.54	<=38.45	Pass
			5	21.49	-3.90	15.44	<=38.45	Pass
		3	0	21.65	-3.90	15.60	<=38.45	Pass
			2	21.64	-3.90	15.59	<=38.45	Pass
			3	21.61	-3.90	15.56	<=38.45	Pass
	848.3	6	0	20.52	-3.90	14.47	<=38.45	Pass
			0	21.94	-3.90	15.89	<=38.45	Pass
			2	21.94	-3.90	15.89	<=38.45	Pass
		1	5	21.93	-3.90	15.88	<=38.45	Pass
			0	21.64	-3.90	15.59	<=38.45	Pass
			2	21.62	-3.90	15.57	<=38.45	Pass
		3	3	21.60	-3.90	15.55	<=38.45	Pass
			0	20.49	-3.90	14.44	<=38.45	Pass
			0					

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	23.51	-3.90	17.46	<=38.45	Pass
			7	23.49	-3.90	17.44	<=38.45	Pass
			14	23.53	-3.90	17.48	<=38.45	Pass
		8	0	22.58	-3.90	16.53	<=38.45	Pass
			4	22.50	-3.90	16.45	<=38.45	Pass
			7	22.54	-3.90	16.49	<=38.45	Pass
		15	0	22.53	-3.90	16.48	<=38.45	Pass
	836.5	1	0	23.57	-3.90	17.52	<=38.45	Pass
			7	23.56	-3.90	17.51	<=38.45	Pass
			14	23.31	-3.90	17.26	<=38.45	Pass
		8	0	22.57	-3.90	16.52	<=38.45	Pass
			4	22.54	-3.90	16.49	<=38.45	Pass
			7	22.54	-3.90	16.49	<=38.45	Pass
		15	0	22.53	-3.90	16.48	<=38.45	Pass
	847.5	1	0	23.43	-3.90	17.38	<=38.45	Pass
			7	23.46	-3.90	17.41	<=38.45	Pass
			14	23.60	-3.90	17.55	<=38.45	Pass
		8	0	22.48	-3.90	16.43	<=38.45	Pass
			4	22.40	-3.90	16.35	<=38.45	Pass
			7	22.38	-3.90	16.33	<=38.45	Pass
		15	0	22.44	-3.90	16.39	<=38.45	Pass
16QAM	825.5	1	0	22.69	-3.90	16.64	<=38.45	Pass
			7	22.69	-3.90	16.64	<=38.45	Pass
			14	22.65	-3.90	16.60	<=38.45	Pass
		8	0	21.56	-3.90	15.51	<=38.45	Pass
			4	21.52	-3.90	15.47	<=38.45	Pass
			7	21.54	-3.90	15.49	<=38.45	Pass
		15	0	21.42	-3.90	15.37	<=38.45	Pass
	836.5	1	0	22.80	-3.90	16.75	<=38.45	Pass
			7	22.80	-3.90	16.75	<=38.45	Pass
			14	22.72	-3.90	16.67	<=38.45	Pass
		8	0	21.55	-3.90	15.50	<=38.45	Pass
			4	21.54	-3.90	15.49	<=38.45	Pass
			7	21.52	-3.90	15.47	<=38.45	Pass
		15	0	21.48	-3.90	15.43	<=38.45	Pass
	847.5	1	0	22.26	-3.90	16.21	<=38.45	Pass

			7	22.27	-3.90	16.22	<=38.45	Pass	
			14	22.21	-3.90	16.16	<=38.45	Pass	
		8	0	21.49	-3.90	15.44	<=38.45	Pass	
			4	21.45	-3.90	15.40	<=38.45	Pass	
			7	21.42	-3.90	15.37	<=38.45	Pass	
		15	0	21.40	-3.90	15.35	<=38.45	Pass	
64QAM	825.5	1	0	21.95	-3.90	15.90	<=38.45	Pass	
			7	22.04	-3.90	15.99	<=38.45	Pass	
			14	22.06	-3.90	16.01	<=38.45	Pass	
		8	0	20.54	-3.90	14.49	<=38.45	Pass	
			4	20.50	-3.90	14.45	<=38.45	Pass	
			7	20.52	-3.90	14.47	<=38.45	Pass	
	15	0	20.54	-3.90	14.49	<=38.45	Pass		
	836.5	1	0	21.96	-3.90	15.91	<=38.45	Pass	
			7	21.90	-3.90	15.85	<=38.45	Pass	
			14	21.79	-3.90	15.74	<=38.45	Pass	
		8	0	20.66	-3.90	14.61	<=38.45	Pass	
			4	20.64	-3.90	14.59	<=38.45	Pass	
			7	20.64	-3.90	14.59	<=38.45	Pass	
	15	0	20.43	-3.90	14.38	<=38.45	Pass		
	847.5	1	0	21.46	-3.90	15.41	<=38.45	Pass	
			7	21.67	-3.90	15.62	<=38.45	Pass	
			14	21.62	-3.90	15.57	<=38.45	Pass	
		8	0	20.45	-3.90	14.40	<=38.45	Pass	
			4	20.41	-3.90	14.36	<=38.45	Pass	
			7	20.40	-3.90	14.35	<=38.45	Pass	
	15	0	20.32	-3.90	14.27	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.65	-3.90	17.60	<=38.45	Pass
			13	23.63	-3.90	17.58	<=38.45	Pass
			24	23.68	-3.90	17.63	<=38.45	Pass
		12	0	22.55	-3.90	16.50	<=38.45	Pass
			6	22.57	-3.90	16.52	<=38.45	Pass
			13	22.56	-3.90	16.51	<=38.45	Pass
		25	0	22.60	-3.90	16.55	<=38.45	Pass
	836.5	1	0	23.60	-3.90	17.55	<=38.45	Pass
			13	23.57	-3.90	17.52	<=38.45	Pass
			24	23.48	-3.90	17.43	<=38.45	Pass
		12	0	22.64	-3.90	16.59	<=38.45	Pass
			6	22.60	-3.90	16.55	<=38.45	Pass
			13	22.58	-3.90	16.53	<=38.45	Pass
		25	0	22.61	-3.90	16.56	<=38.45	Pass
	846.5	1	0	23.37	-3.90	17.32	<=38.45	Pass
			13	23.40	-3.90	17.35	<=38.45	Pass
			24	23.40	-3.90	17.35	<=38.45	Pass
		12	0	22.44	-3.90	16.39	<=38.45	Pass
			6	22.41	-3.90	16.36	<=38.45	Pass
			13	22.41	-3.90	16.36	<=38.45	Pass
		25	0	22.48	-3.90	16.43	<=38.45	Pass
16QAM	826.5	1	0	22.85	-3.90	16.80	<=38.45	Pass
			13	22.84	-3.90	16.79	<=38.45	Pass

		12	24	22.82	-3.90	16.77	<=38.45	Pass	
			0	21.54	-3.90	15.49	<=38.45	Pass	
			6	21.57	-3.90	15.52	<=38.45	Pass	
			13	21.57	-3.90	15.52	<=38.45	Pass	
		25	0	21.62	-3.90	15.57	<=38.45	Pass	
	836.5	1	0	22.81	-3.90	16.76	<=38.45	Pass	
			13	22.81	-3.90	16.76	<=38.45	Pass	
			24	22.75	-3.90	16.70	<=38.45	Pass	
		12	0	21.58	-3.90	15.53	<=38.45	Pass	
			6	21.51	-3.90	15.46	<=38.45	Pass	
			13	21.51	-3.90	15.46	<=38.45	Pass	
		25	0	21.56	-3.90	15.51	<=38.45	Pass	
		846.5	1	0	22.67	-3.90	16.62	<=38.45	Pass
	13			22.67	-3.90	16.62	<=38.45	Pass	
	24			22.76	-3.90	16.71	<=38.45	Pass	
	12		0	21.49	-3.90	15.44	<=38.45	Pass	
			6	21.47	-3.90	15.42	<=38.45	Pass	
			13	21.46	-3.90	15.41	<=38.45	Pass	
	25		0	21.43	-3.90	15.38	<=38.45	Pass	
	64QAM	826.5	1	0	21.97	-3.90	15.92	<=38.45	Pass
				13	21.99	-3.90	15.94	<=38.45	Pass
				24	22.01	-3.90	15.96	<=38.45	Pass
			12	0	20.58	-3.90	14.53	<=38.45	Pass
				6	20.59	-3.90	14.54	<=38.45	Pass
13				20.59	-3.90	14.54	<=38.45	Pass	
25			0	20.58	-3.90	14.53	<=38.45	Pass	
836.5		1	0	21.83	-3.90	15.78	<=38.45	Pass	
			13	21.83	-3.90	15.78	<=38.45	Pass	
			24	21.73	-3.90	15.68	<=38.45	Pass	
		12	0	20.57	-3.90	14.52	<=38.45	Pass	
			6	20.53	-3.90	14.48	<=38.45	Pass	
			13	20.51	-3.90	14.46	<=38.45	Pass	
		25	0	20.55	-3.90	14.50	<=38.45	Pass	
846.5		1	0	21.95	-3.90	15.90	<=38.45	Pass	
			13	21.93	-3.90	15.88	<=38.45	Pass	
			24	21.99	-3.90	15.94	<=38.45	Pass	
		12	0	20.54	-3.90	14.49	<=38.45	Pass	
			6	20.53	-3.90	14.48	<=38.45	Pass	
			13	20.51	-3.90	14.46	<=38.45	Pass	
		25	0	20.40	-3.90	14.35	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.58	-3.90	17.53	<=38.45	Pass
			25	23.58	-3.90	17.53	<=38.45	Pass
			49	23.62	-3.90	17.57	<=38.45	Pass
		25	0	22.58	-3.90	16.53	<=38.45	Pass
			13	22.64	-3.90	16.59	<=38.45	Pass
			25	22.64	-3.90	16.59	<=38.45	Pass
		50	0	22.62	-3.90	16.57	<=38.45	Pass
	836.5	1	0	23.70	-3.90	17.65	<=38.45	Pass
			25	23.65	-3.90	17.60	<=38.45	Pass
			49	23.62	-3.90	17.57	<=38.45	Pass

		25	0	22.65	-3.90	16.60	<=38.45	Pass		
			13	22.60	-3.90	16.55	<=38.45	Pass		
			25	22.56	-3.90	16.51	<=38.45	Pass		
		50	0	22.61	-3.90	16.56	<=38.45	Pass		
			1	0	23.63	-3.90	17.58	<=38.45	Pass	
				25	23.52	-3.90	17.47	<=38.45	Pass	
		49		23.55	-3.90	17.50	<=38.45	Pass		
		844	25	0	22.48	-3.90	16.43	<=38.45	Pass	
				13	22.42	-3.90	16.37	<=38.45	Pass	
	25			22.36	-3.90	16.31	<=38.45	Pass		
	50		0	22.44	-3.90	16.39	<=38.45	Pass		
16QAM	829	1	0	22.80	-3.90	16.75	<=38.45	Pass		
			25	22.81	-3.90	16.76	<=38.45	Pass		
			49	22.87	-3.90	16.82	<=38.45	Pass		
		25	0	21.62	-3.90	15.57	<=38.45	Pass		
			13	21.68	-3.90	15.63	<=38.45	Pass		
			25	21.68	-3.90	15.63	<=38.45	Pass		
			50	0	21.61	-3.90	15.56	<=38.45	Pass	
			836.5	1	0	22.83	-3.90	16.78	<=38.45	Pass
		25			22.80	-3.90	16.75	<=38.45	Pass	
	49	22.73			-3.90	16.68	<=38.45	Pass		
	25	0		21.65	-3.90	15.60	<=38.45	Pass		
		13		21.58	-3.90	15.53	<=38.45	Pass		
		25		21.59	-3.90	15.54	<=38.45	Pass		
	50	0		21.59	-3.90	15.54	<=38.45	Pass		
	844	1		0	22.35	-3.90	16.30	<=38.45	Pass	
				25	22.27	-3.90	16.22	<=38.45	Pass	
			49	22.28	-3.90	16.23	<=38.45	Pass		
		25	0	21.44	-3.90	15.39	<=38.45	Pass		
			13	21.41	-3.90	15.36	<=38.45	Pass		
			25	21.36	-3.90	15.31	<=38.45	Pass		
		50	0	21.42	-3.90	15.37	<=38.45	Pass		
		64QAM	829	1	0	21.93	-3.90	15.88	<=38.45	Pass
	25				21.96	-3.90	15.91	<=38.45	Pass	
	49				21.98	-3.90	15.93	<=38.45	Pass	
	25			0	20.54	-3.90	14.49	<=38.45	Pass	
				13	20.58	-3.90	14.53	<=38.45	Pass	
25				20.58	-3.90	14.53	<=38.45	Pass		
50				0	20.61	-3.90	14.56	<=38.45	Pass	
836.5				1	0	22.22	-3.90	16.17	<=38.45	Pass
	25				22.15	-3.90	16.10	<=38.45	Pass	
	49		22.14		-3.90	16.09	<=38.45	Pass		
	25		0	20.65	-3.90	14.60	<=38.45	Pass		
			13	20.58	-3.90	14.53	<=38.45	Pass		
			25	20.56	-3.90	14.51	<=38.45	Pass		
50	0		20.57	-3.90	14.52	<=38.45	Pass			
844	1		0	21.72	-3.90	15.67	<=38.45	Pass		
			25	21.51	-3.90	15.46	<=38.45	Pass		
			49	21.69	-3.90	15.64	<=38.45	Pass		
	25		0	20.34	-3.90	14.29	<=38.45	Pass		
			13	20.28	-3.90	14.23	<=38.45	Pass		
			25	20.21	-3.90	14.16	<=38.45	Pass		
	50		0	20.37	-3.90	14.32	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

2. Frequency Stability

2.1 Test Result

2.1.1 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	836.5	50	0	20	3.27	-2.643	-0.0032	-2.5 to 2.5	Pass
					3.85	-2.670	-0.0032	-2.5 to 2.5	Pass
					4.43	-1.703	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.828	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.929	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-3.638	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-3.394	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-4.802	-0.0057	-2.5 to 2.5	Pass
				30	3.85	0.187	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.128	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.102	0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

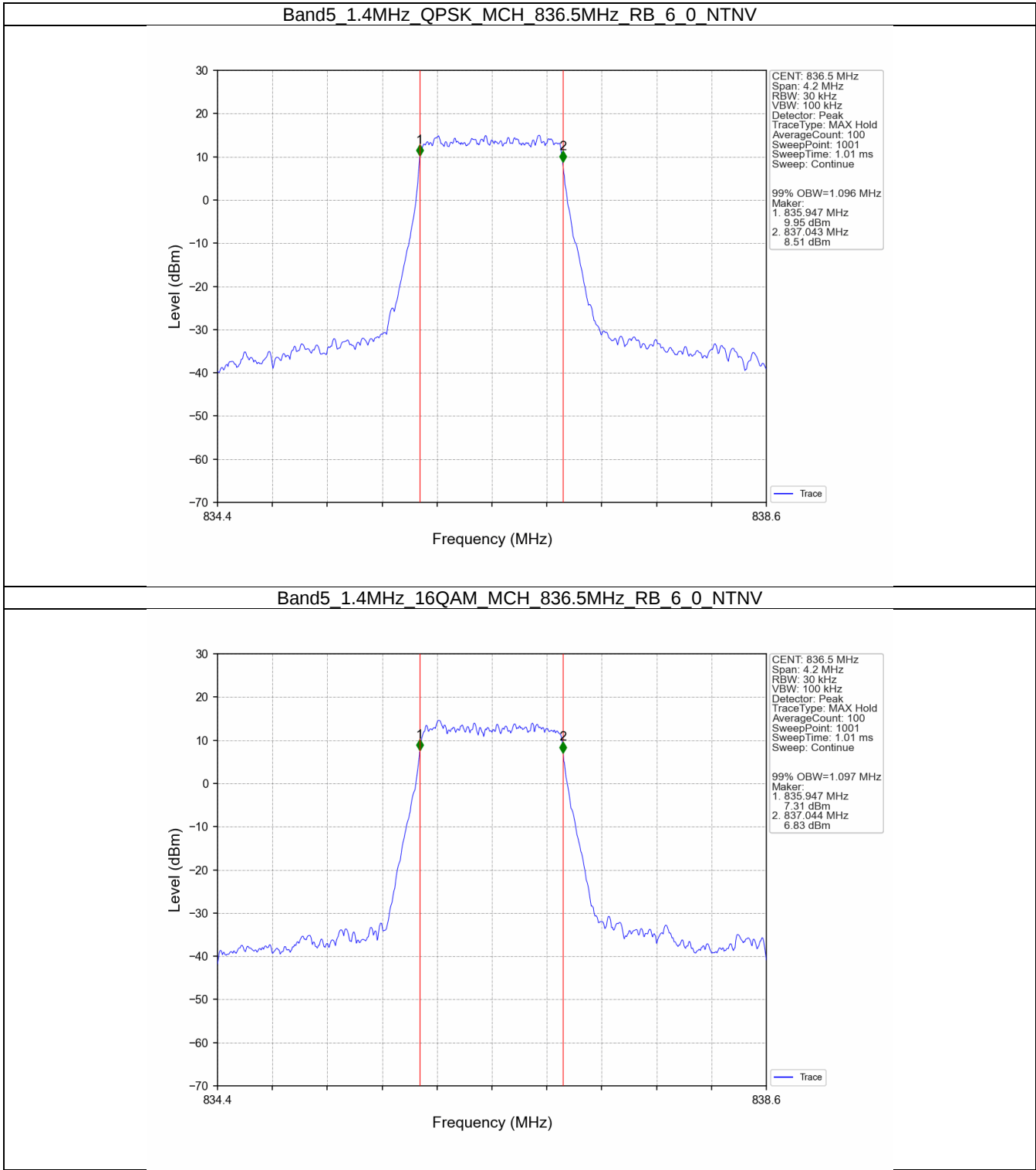
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.096	/	Pass
	16QAM	836.5	6	0	1.097	/	Pass
3	QPSK	836.5	15	0	2.724	/	Pass
	16QAM	836.5	15	0	2.731	/	Pass
5	QPSK	836.5	25	0	4.524	/	Pass
	16QAM	836.5	25	0	4.503	/	Pass
10	QPSK	836.5	50	0	9.028	/	Pass
	16QAM	836.5	50	0	8.992	/	Pass

3.1.2 Band5_XDB

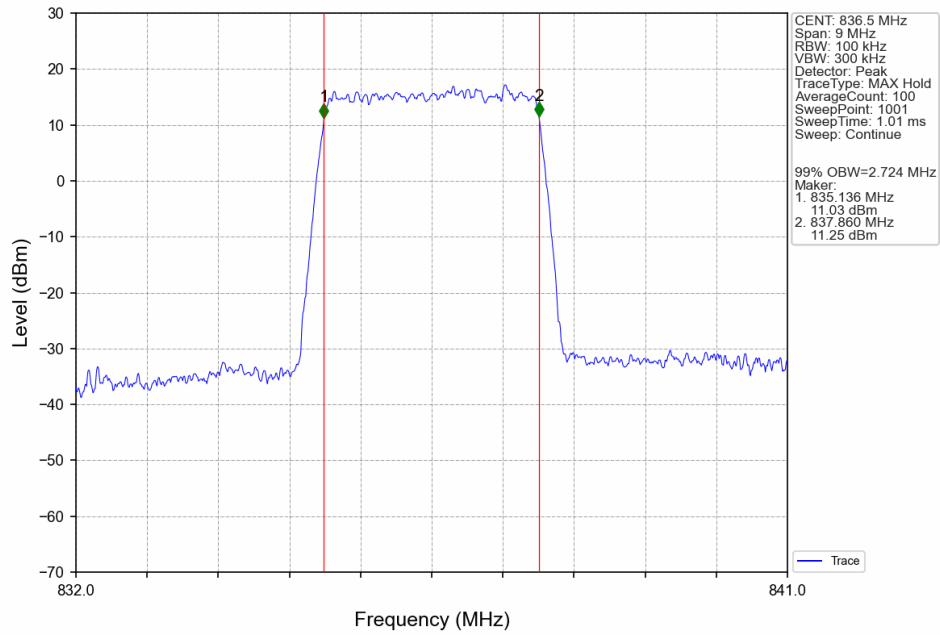
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	836.5	6	0	1.296	/	Pass
	16QAM	836.5	6	0	1.312	/	Pass
3	QPSK	836.5	15	0	3.029	/	Pass
	16QAM	836.5	15	0	3.043	/	Pass
5	QPSK	836.5	25	0	5.011	/	Pass
	16QAM	836.5	25	0	4.974	/	Pass
10	QPSK	836.5	50	0	9.936	/	Pass
	16QAM	836.5	50	0	9.766	/	Pass

3.2 Test Graph

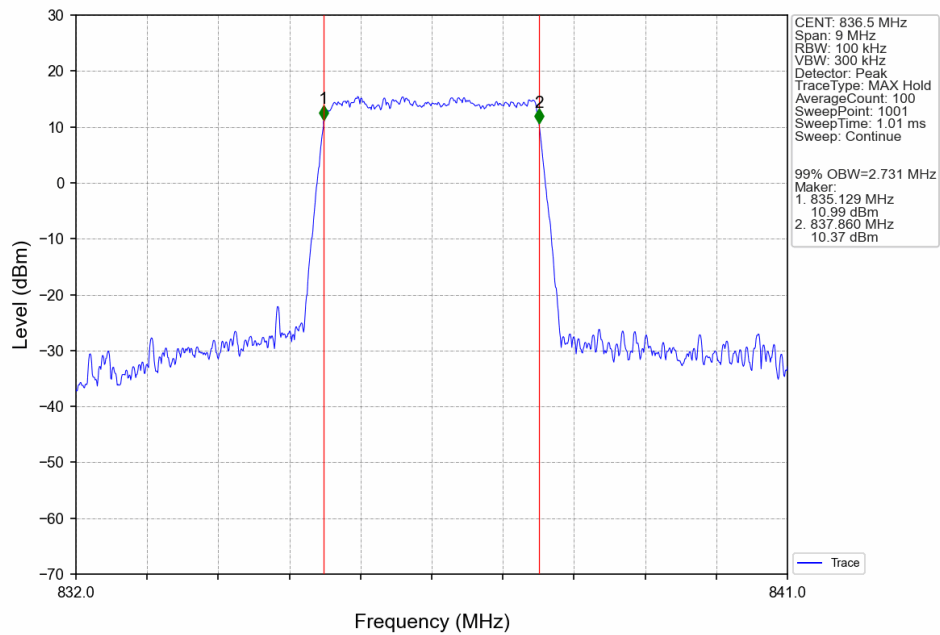
3.2.1 Band5_OBW



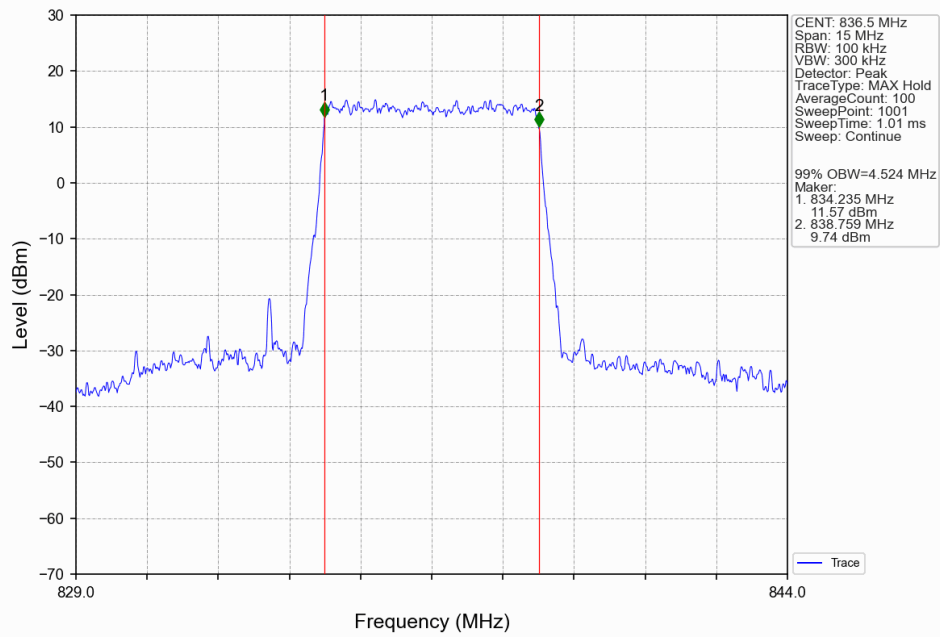
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



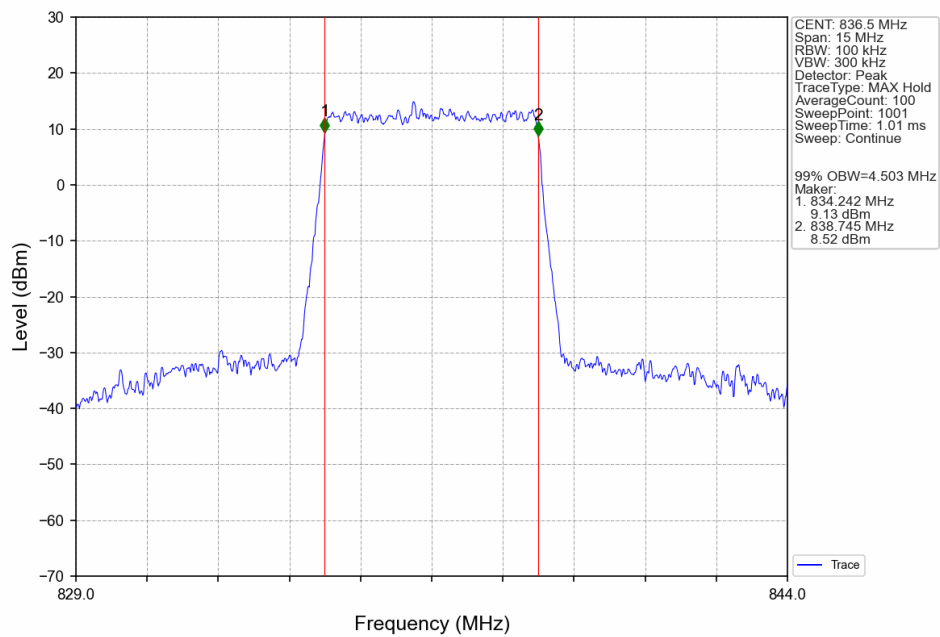
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



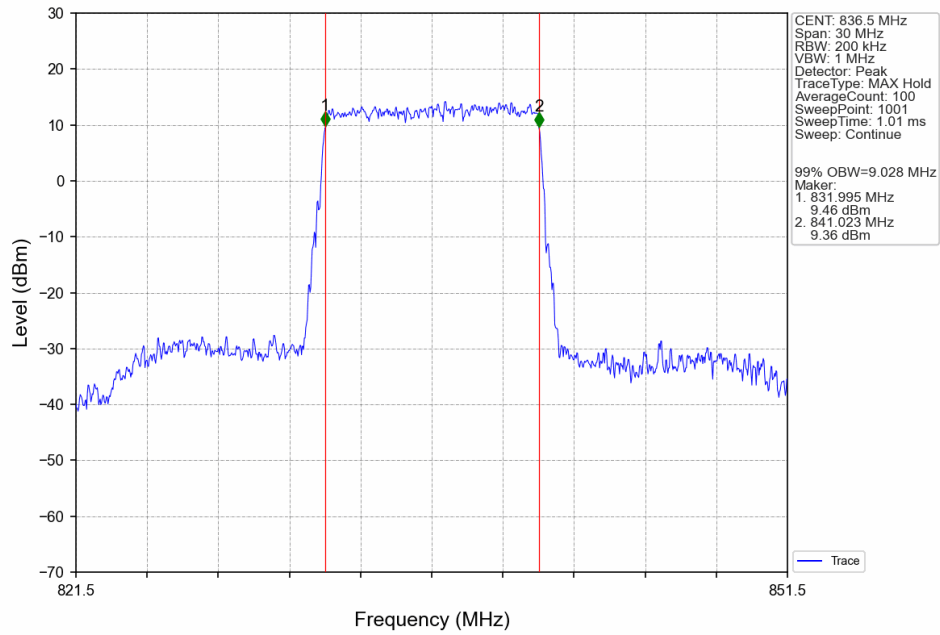
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



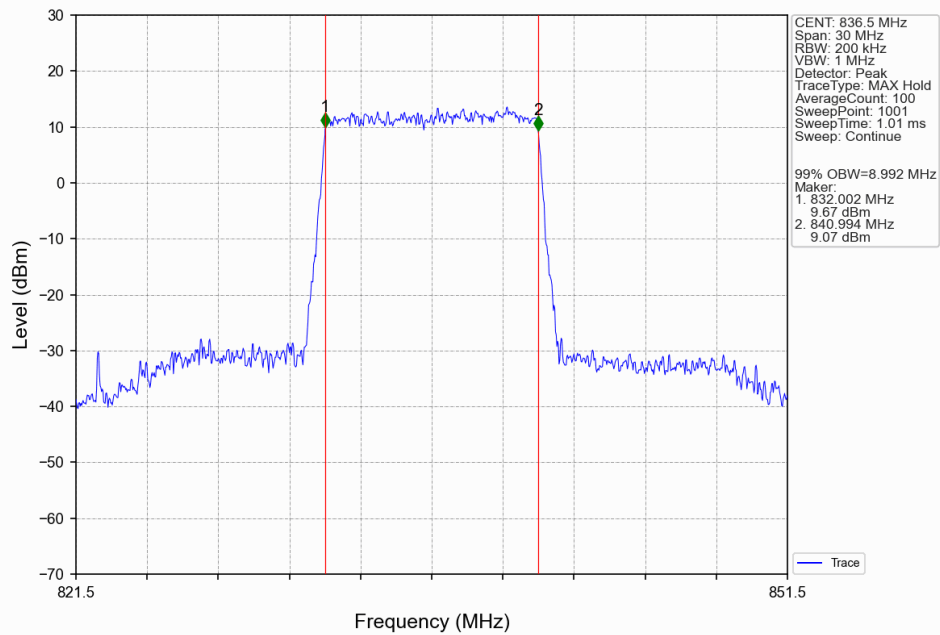
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



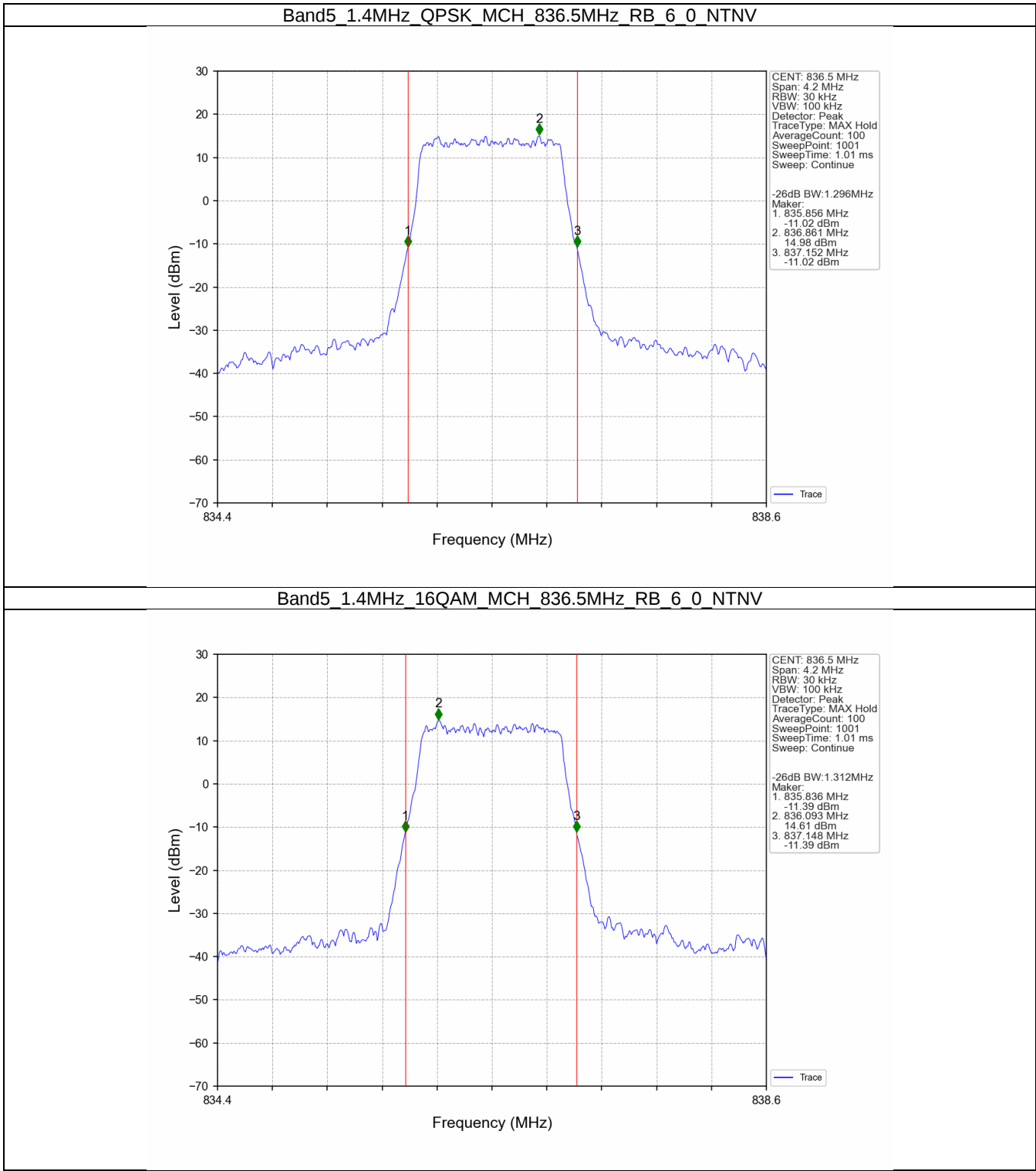
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



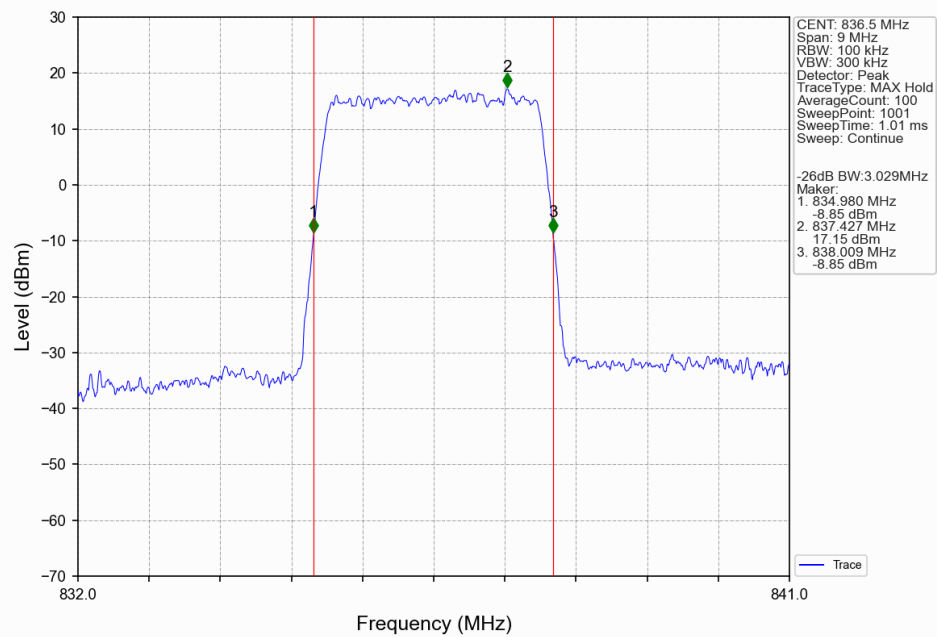
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



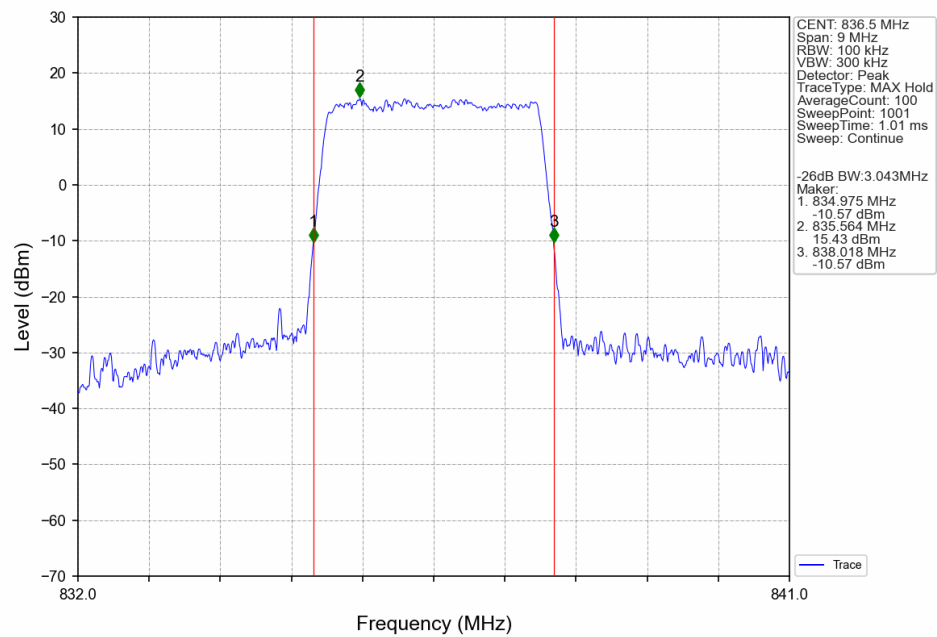
3.2.2 Band5_XDB



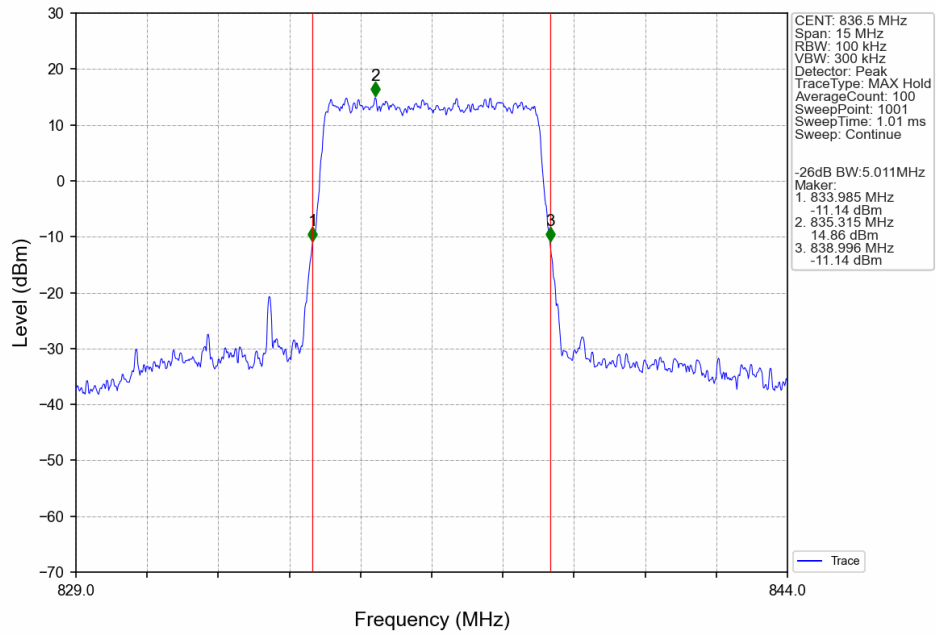
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



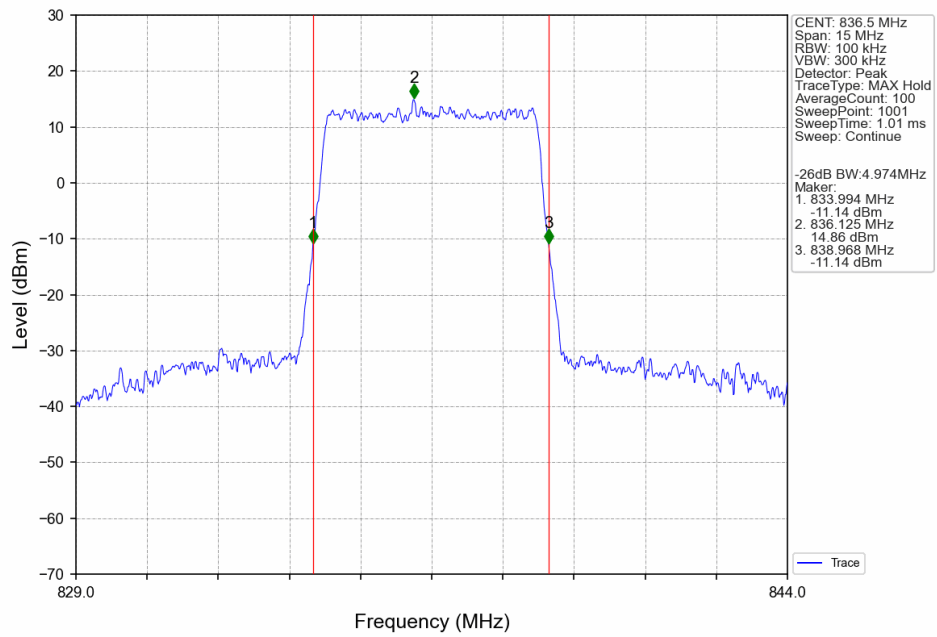
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



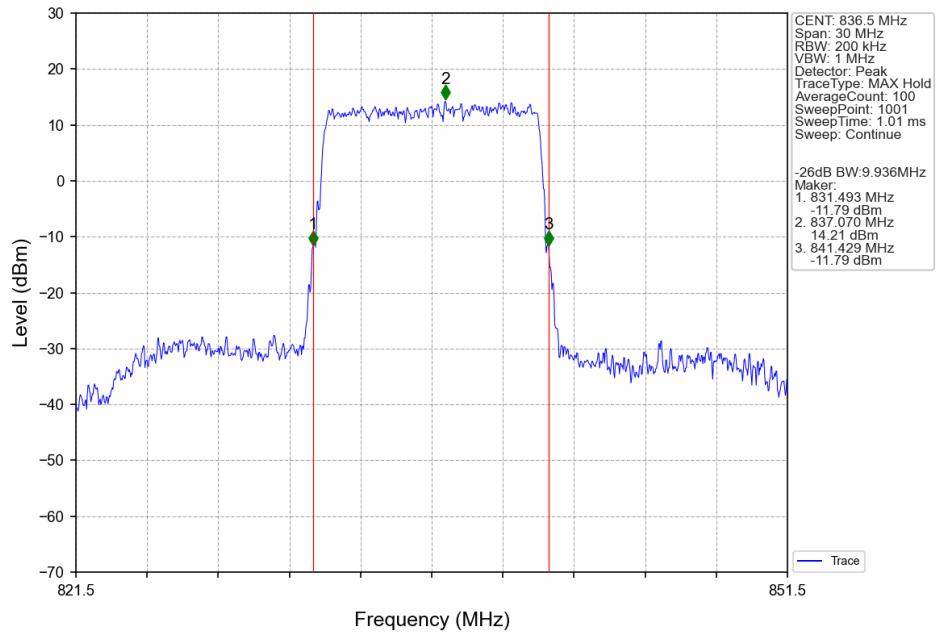
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



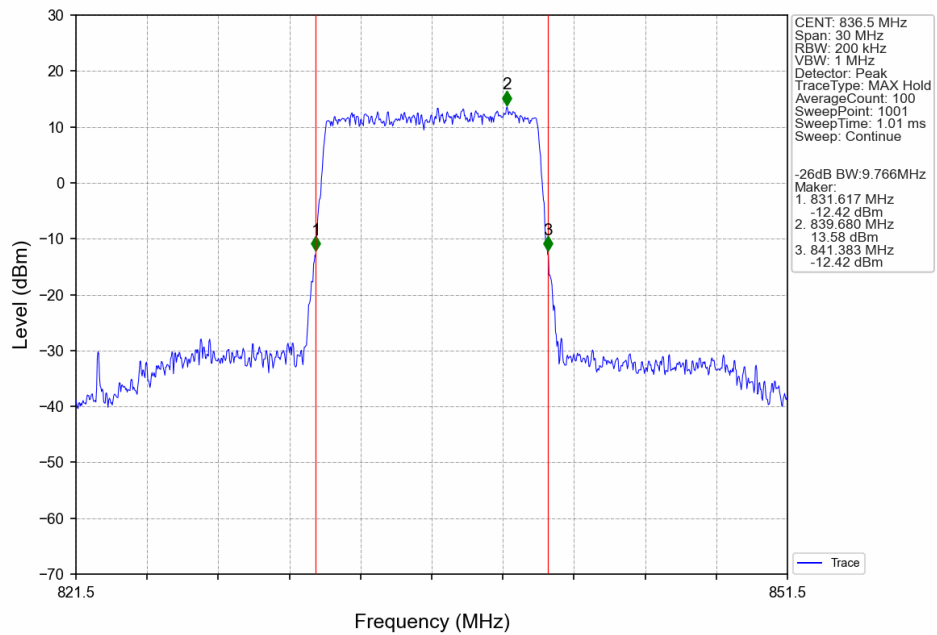
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

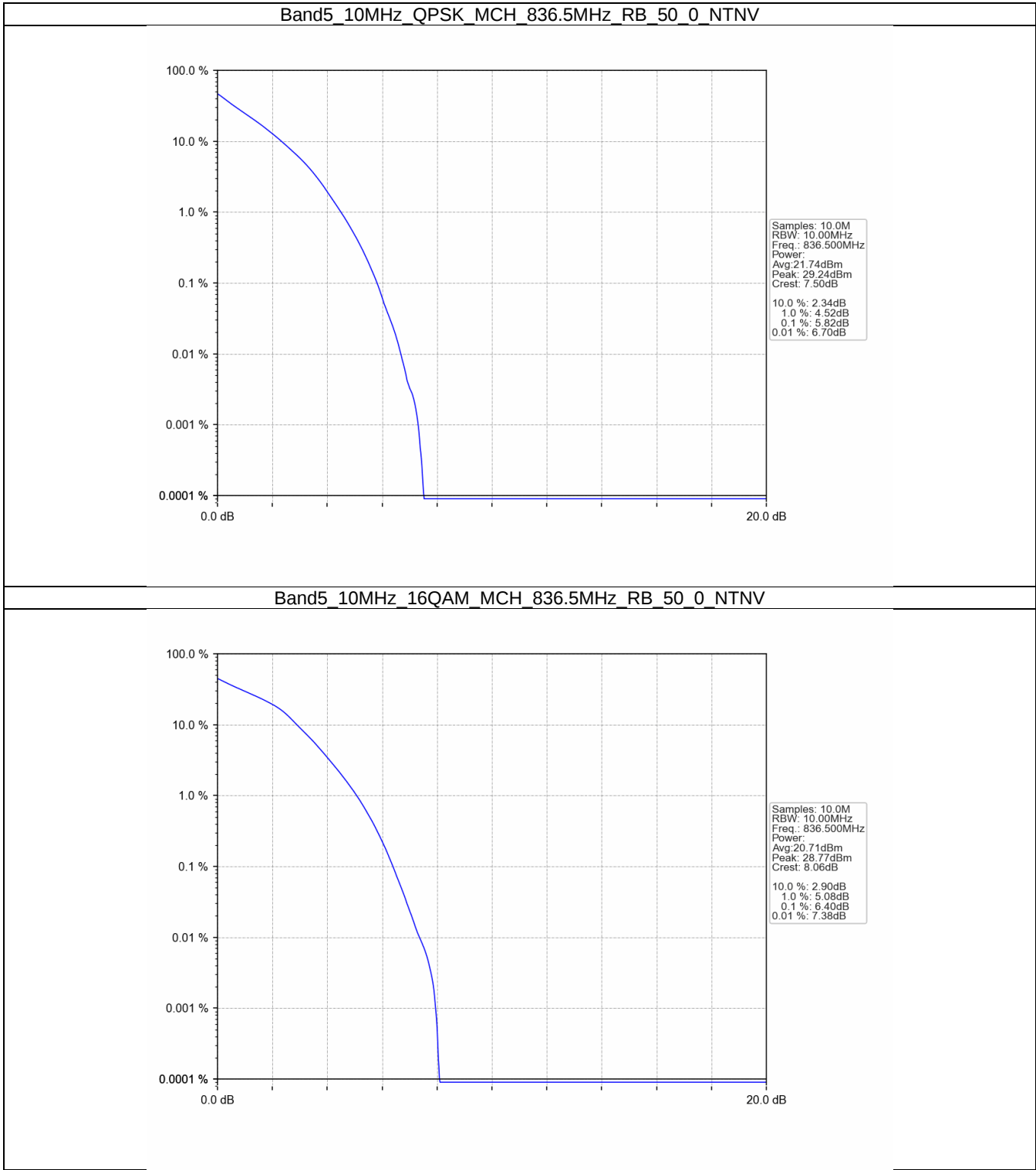
4.1 Test Result

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	5.82	<=13	Pass
16QAM	836.5	50	0	6.40	<=13	Pass
64QAM	836.5	50	0	6.58	<=13	Pass

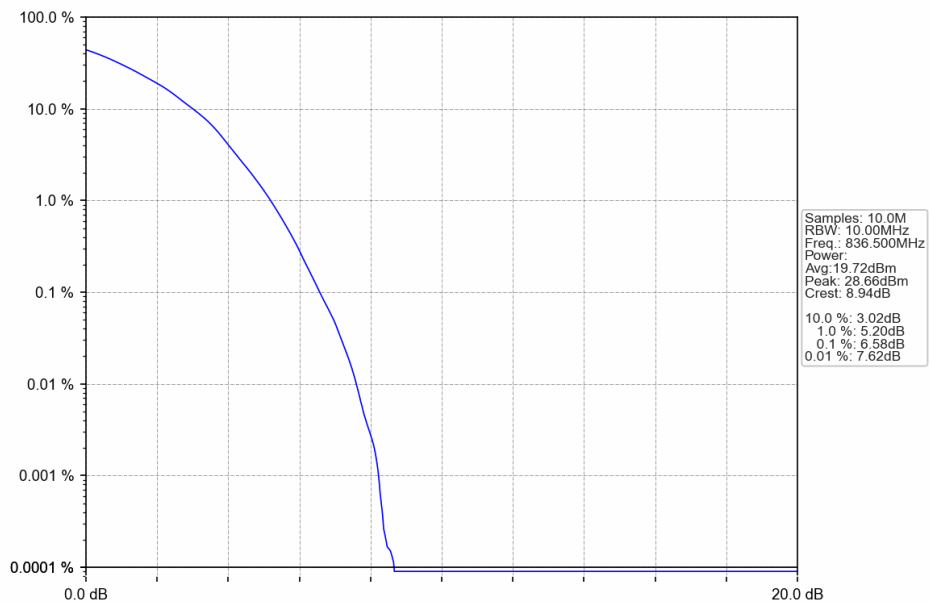
4.2 Test Graph

4.2.1 B5_10MHz



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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		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

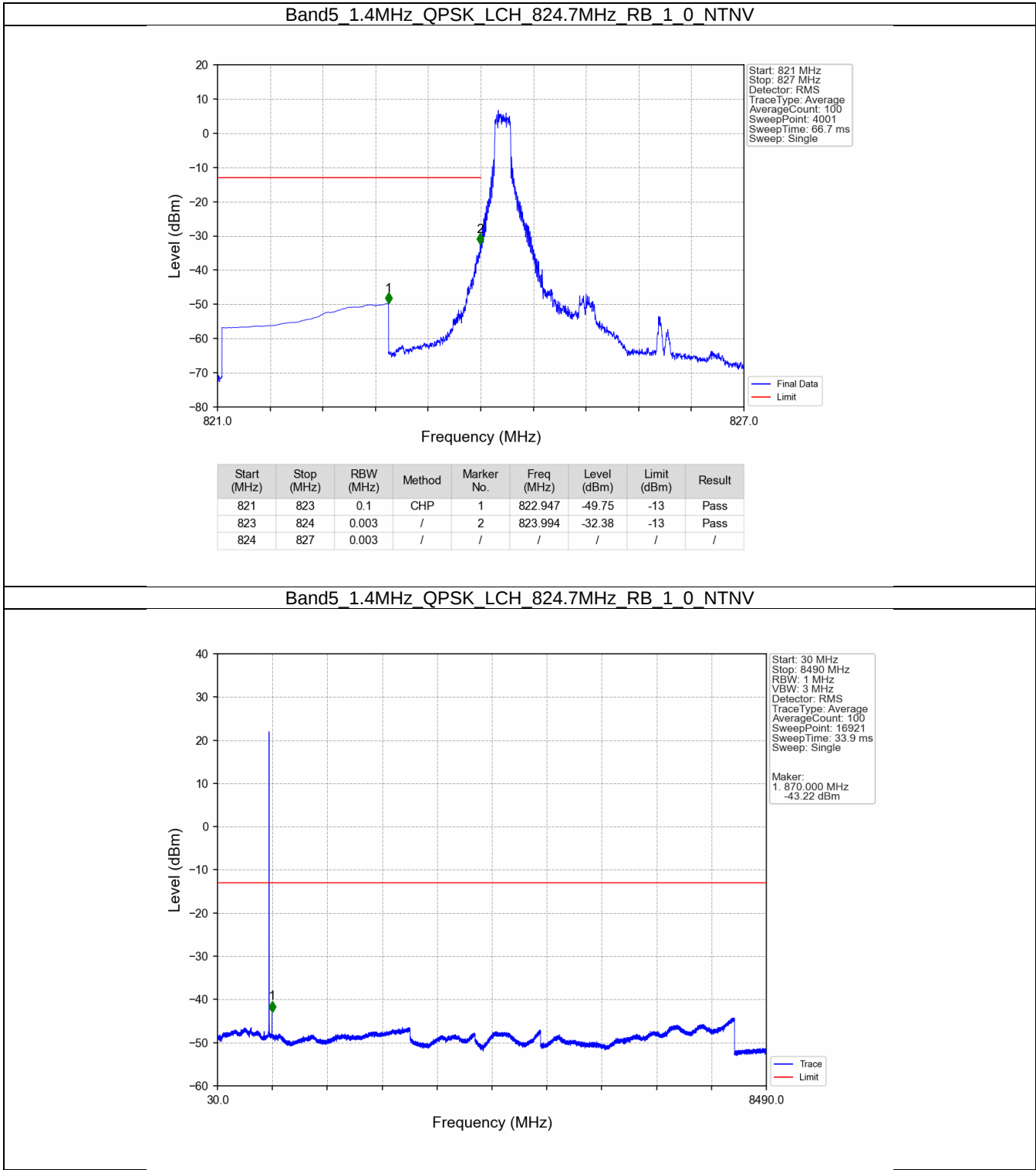
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

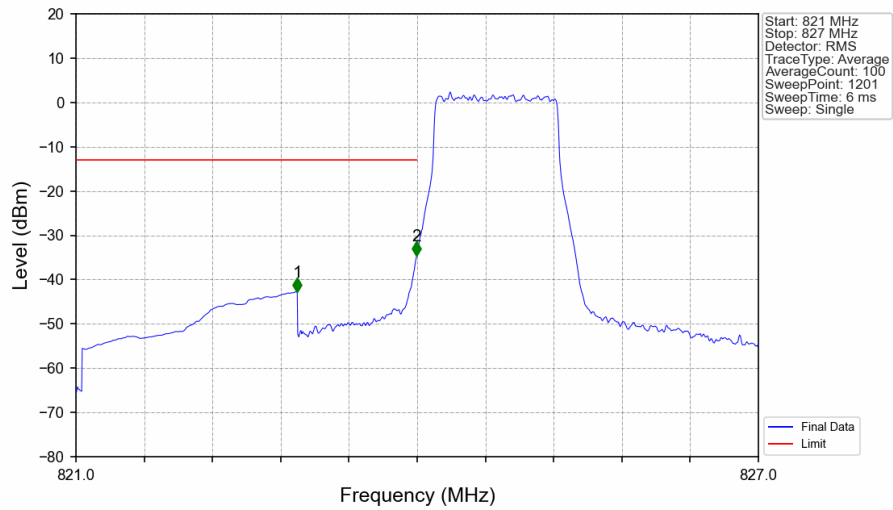
Band: 5 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B5_1.4MHz

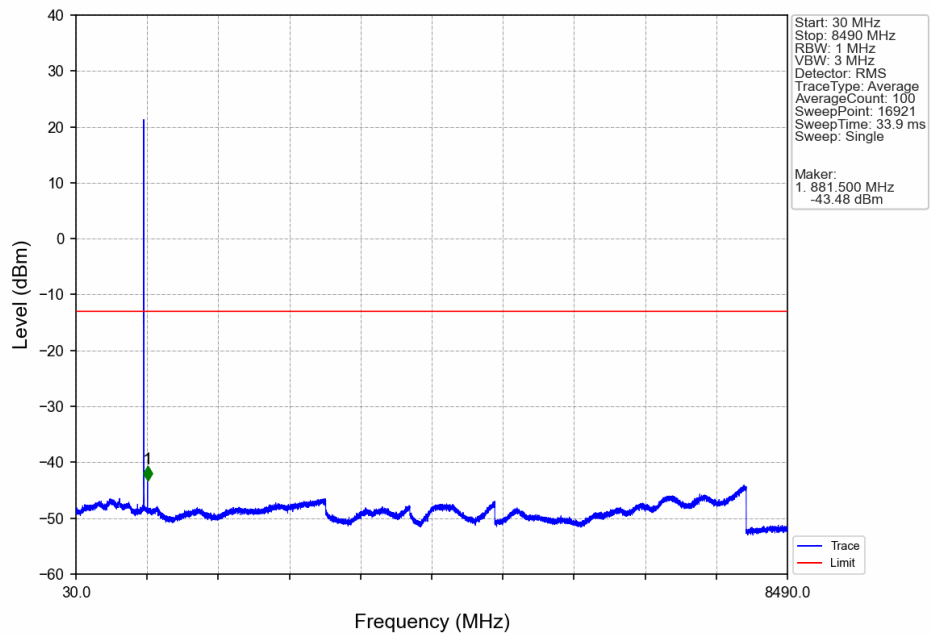


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

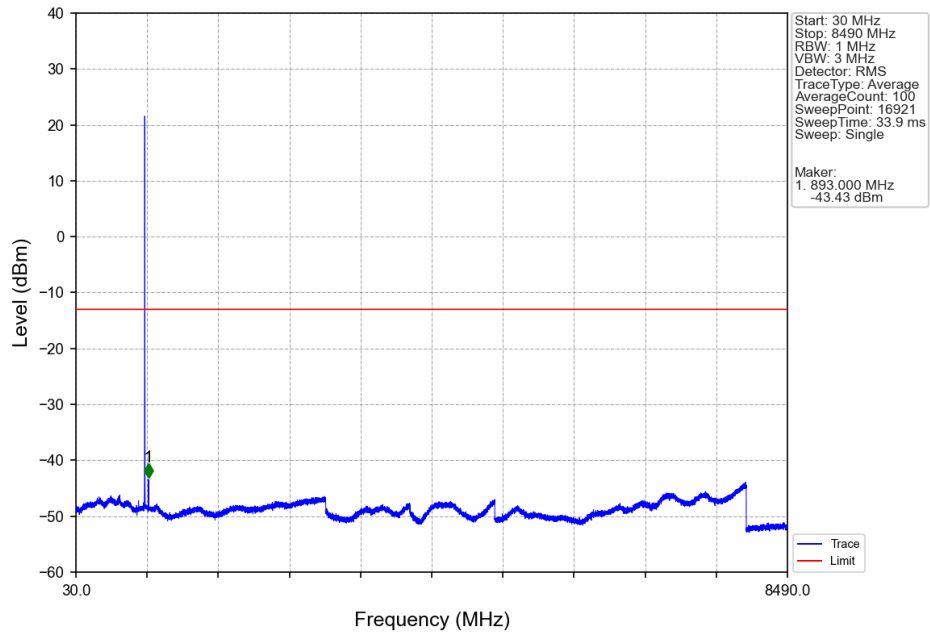


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-42.72	-13	Pass
823	824	0.013	CHP	2	823.995	-34.54	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

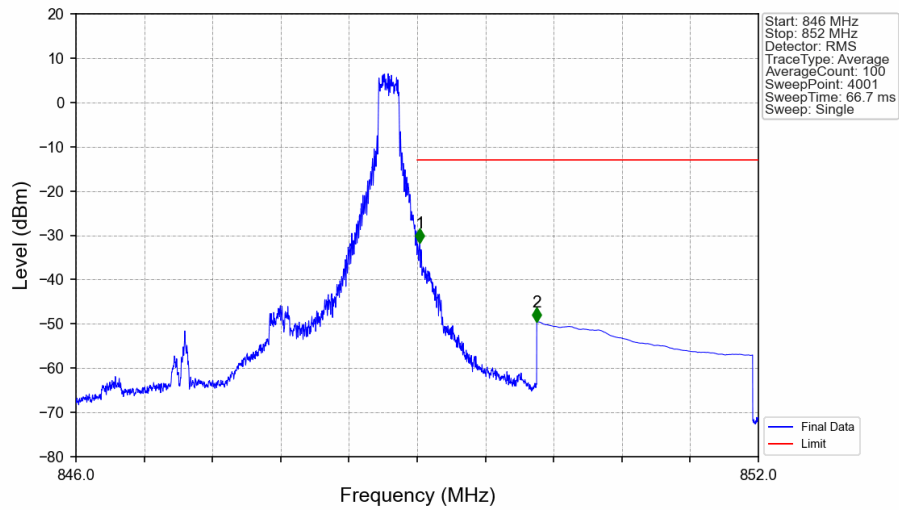
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1_0 NTN

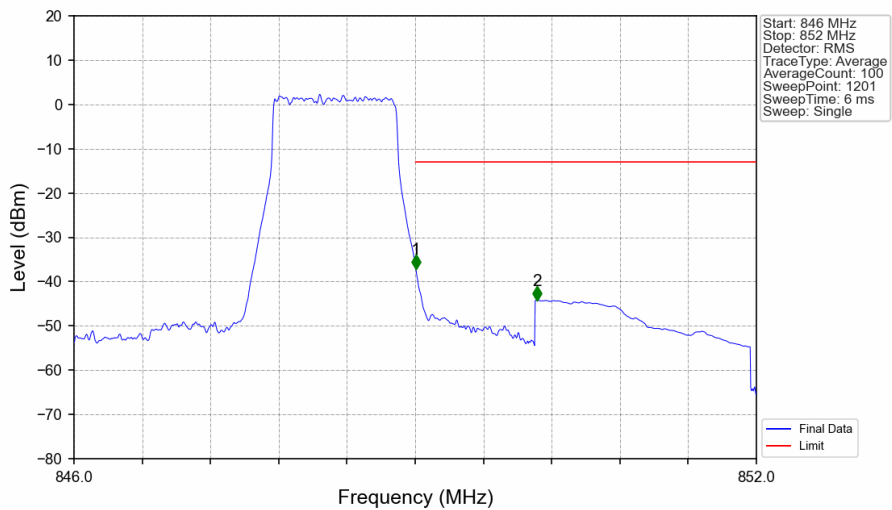


Band5 1.4MHz QPSK HCH 848.3MHz RB 1_5 NTN



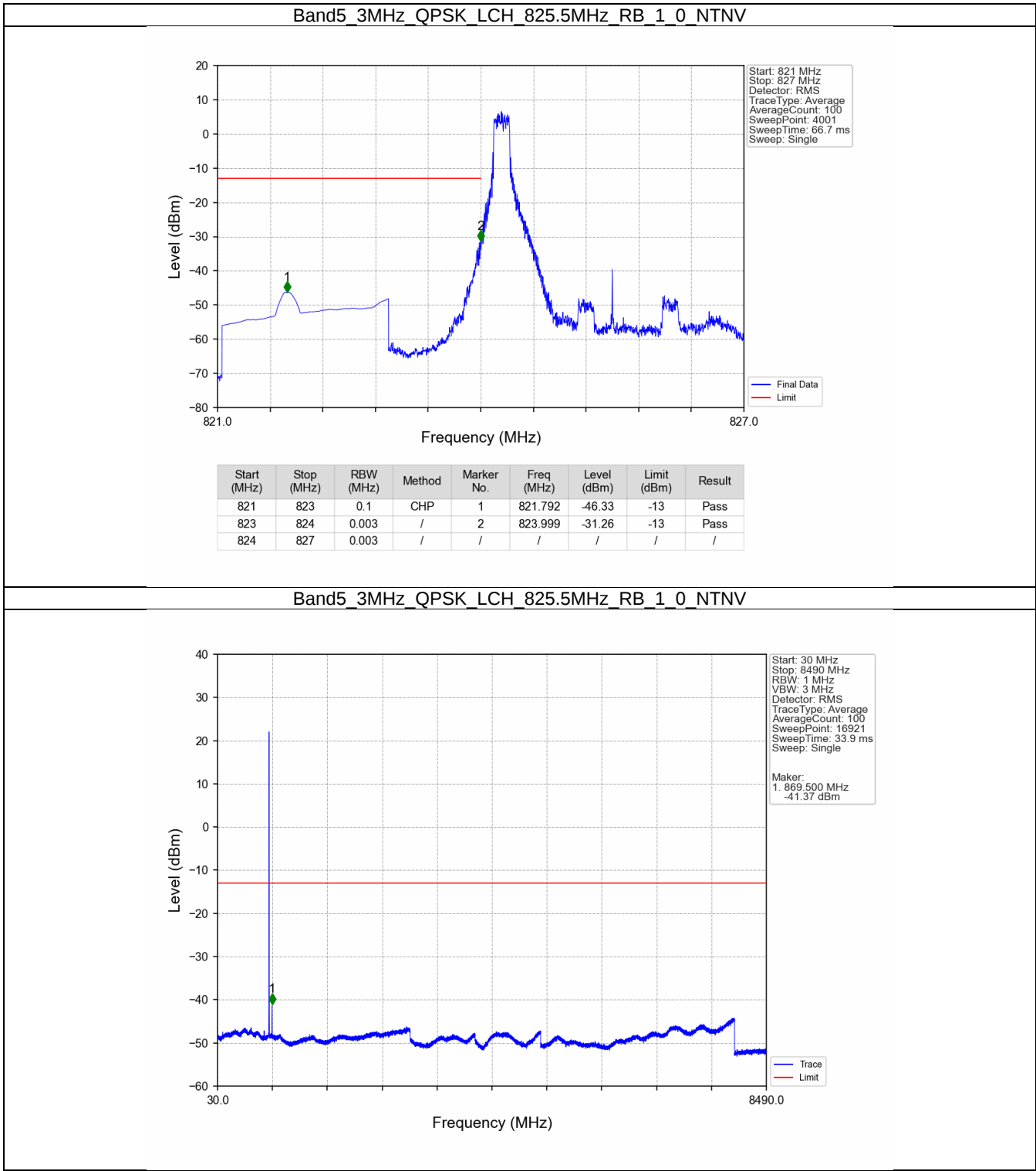
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.023	-31.67	-13	Pass
850	852	0.1	CHP	2	850.052	-49.58	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

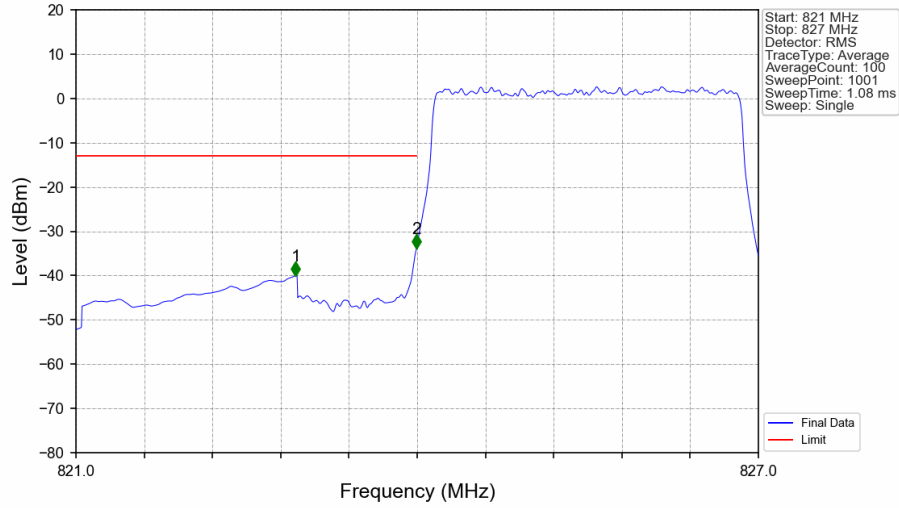


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-37.16	-13	Pass
850	852	0.1	CHP	2	850.070	-44.26	-13	Pass

5.2.2 B5_3MHz

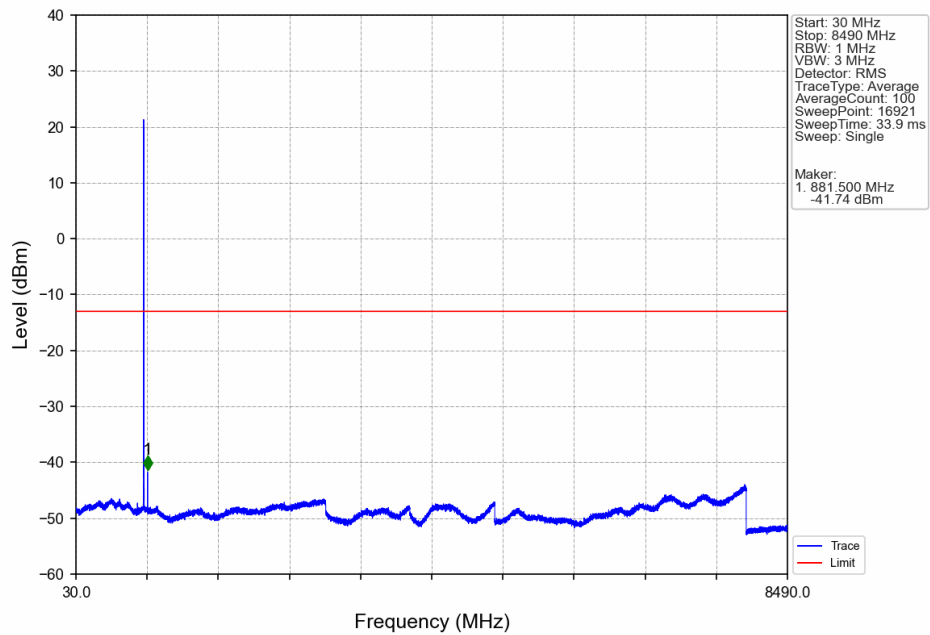


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

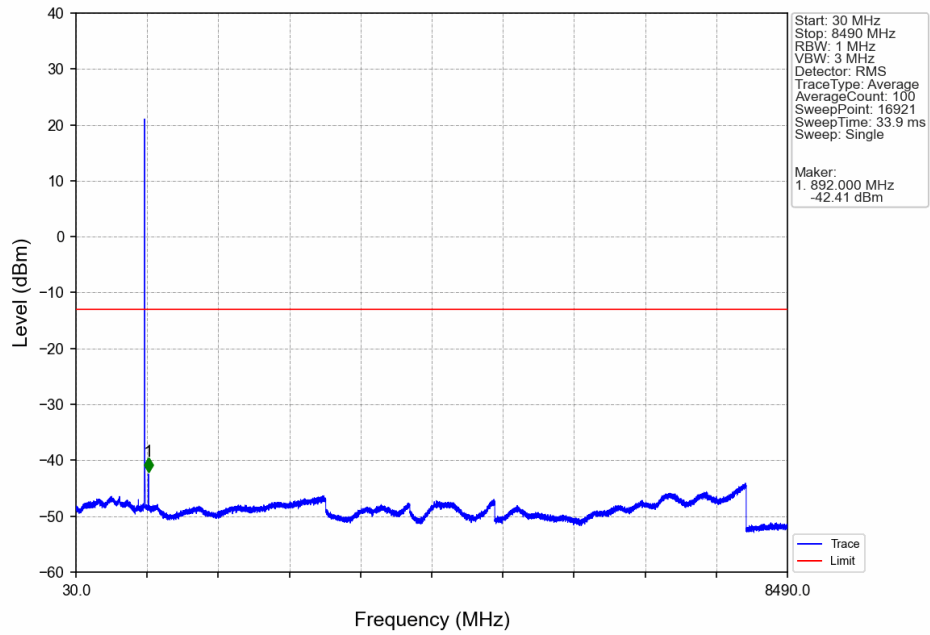


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.932	-40.06	-13	Pass
823	824	0.03	/	2	823.994	-33.84	-13	Pass
824	827	0.03	/	/	/	/	/	/

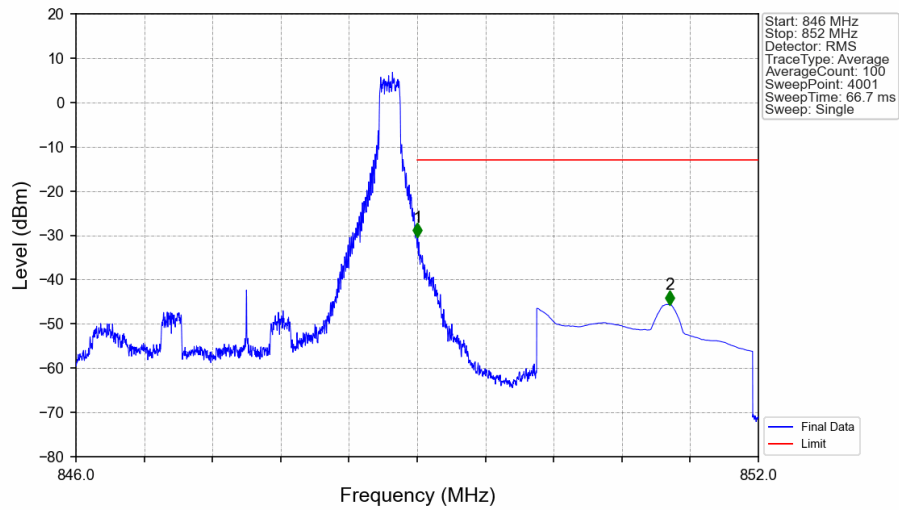
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

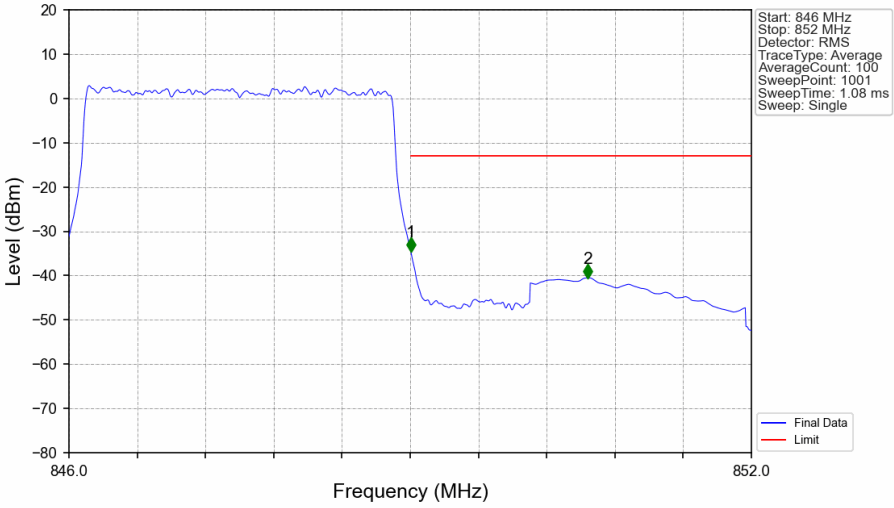


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



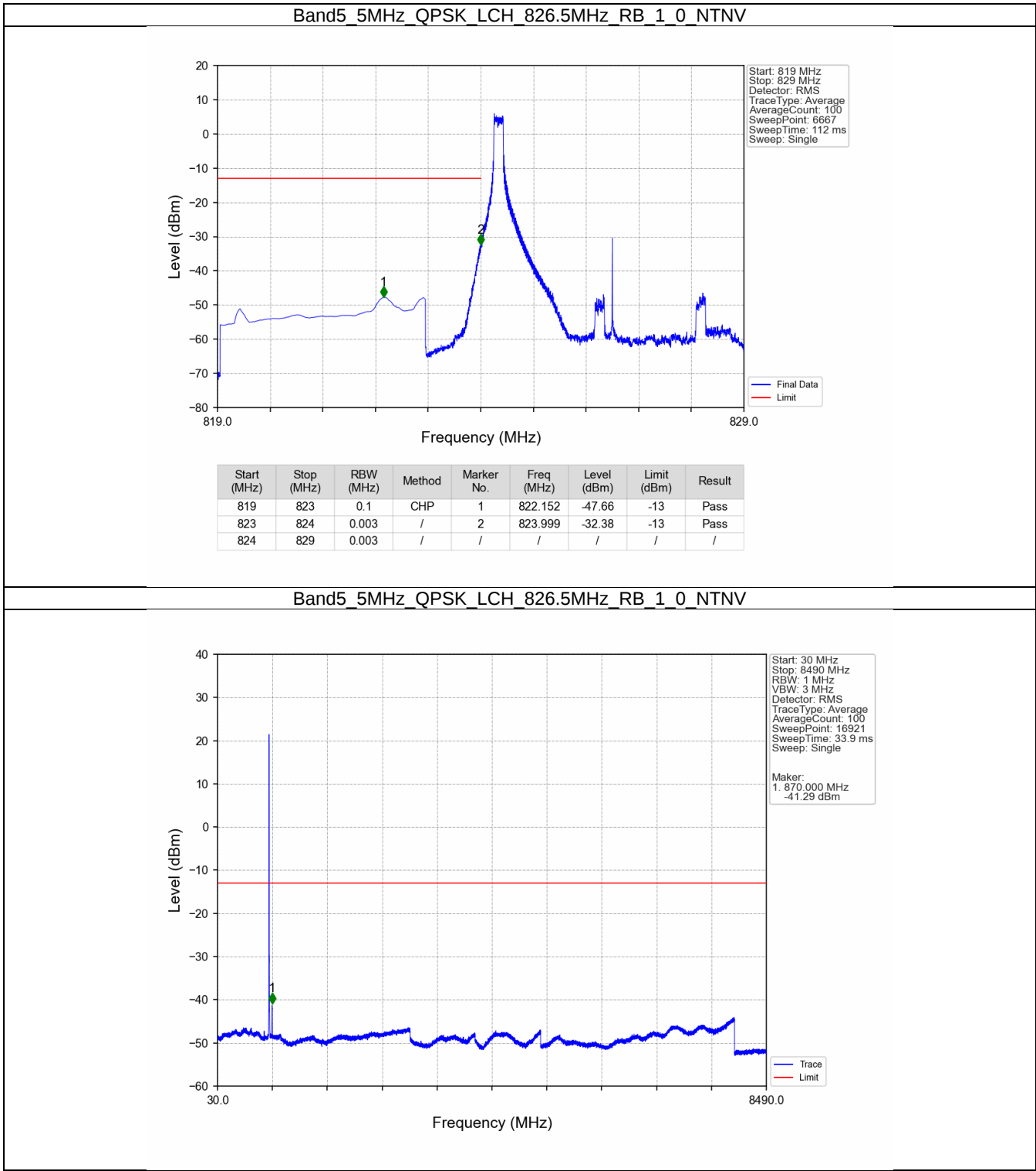
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-30.37	-13	Pass
850	852	0.1	CHP	2	851.220	-45.61	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

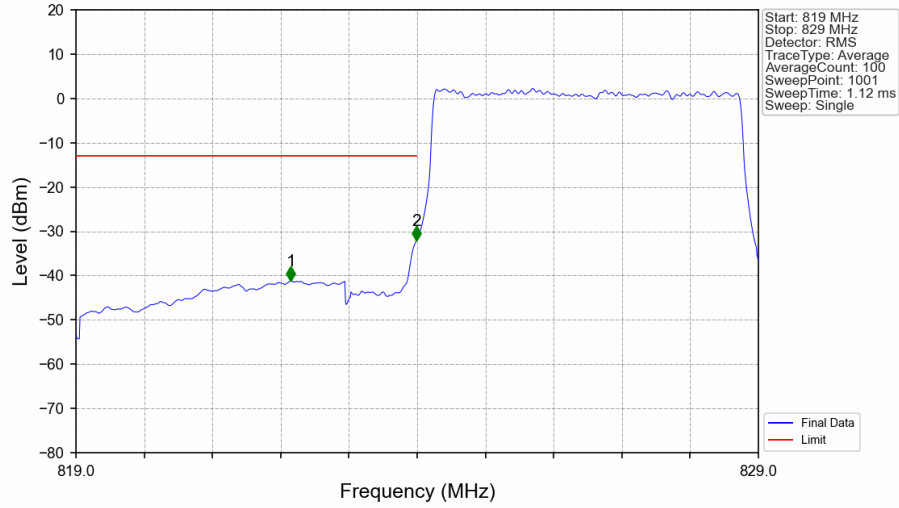


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-34.56	-13	Pass
850	852	0.1	CHP	2	850.560	-40.52	-13	Pass

5.2.3 B5_5MHz

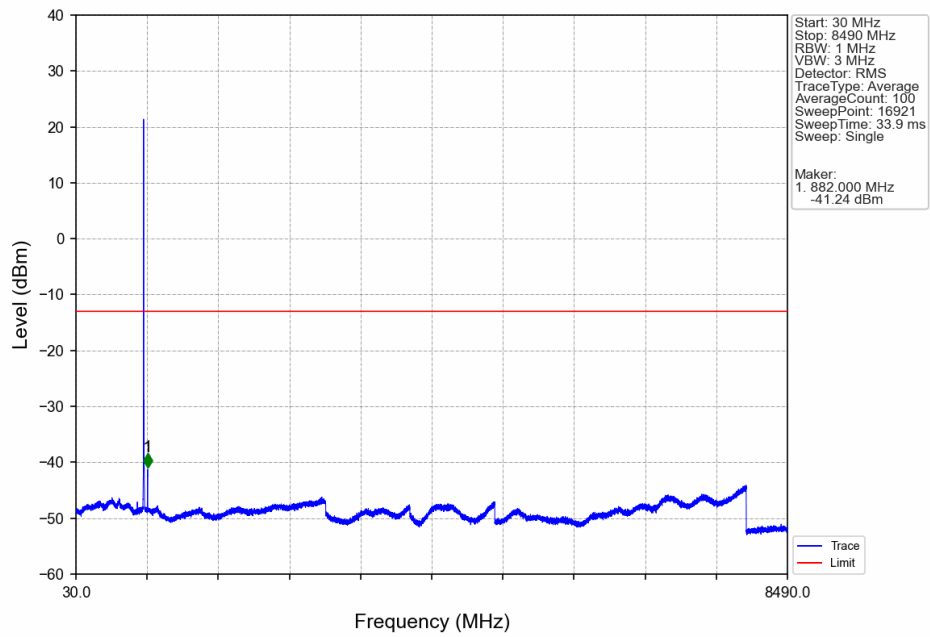


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

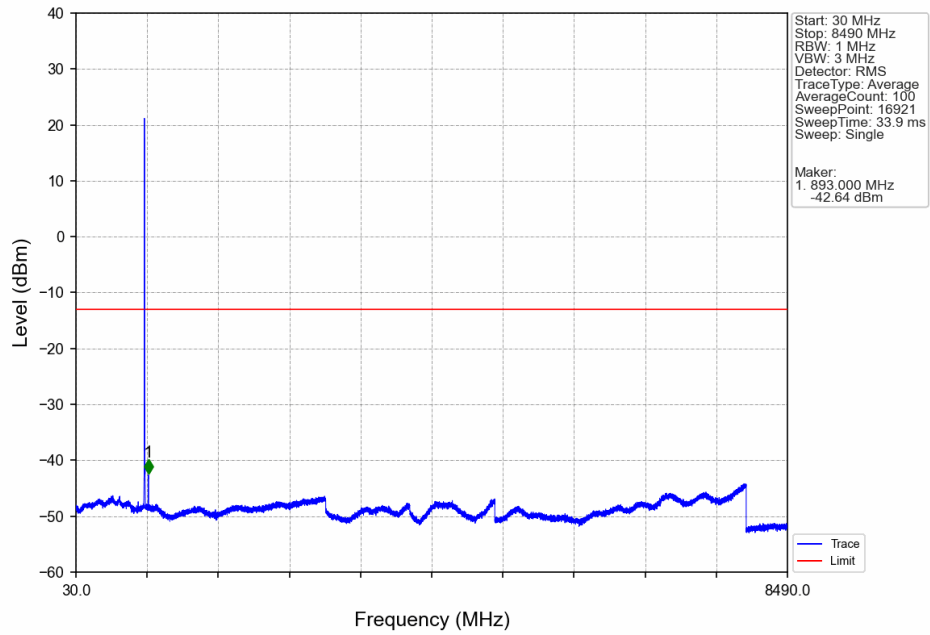


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.150	-41.16	-13	Pass
823	824	0.05	CHP	2	823.990	-31.99	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

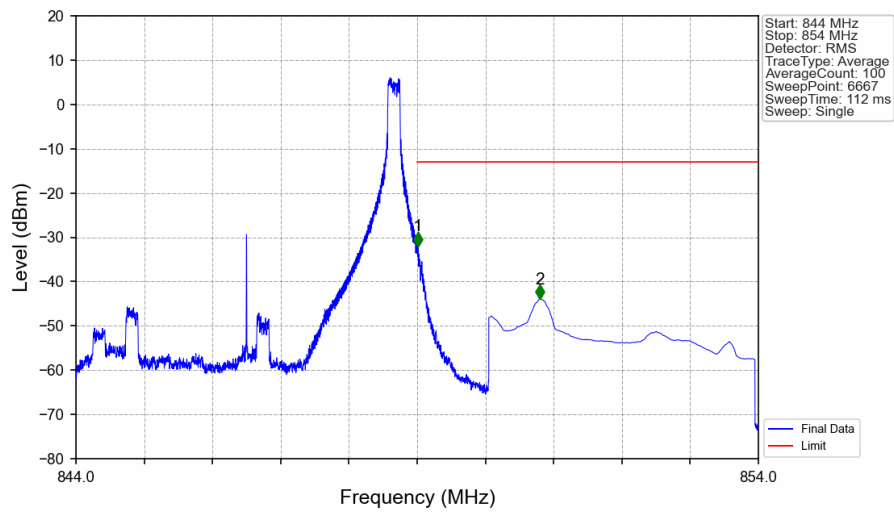
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

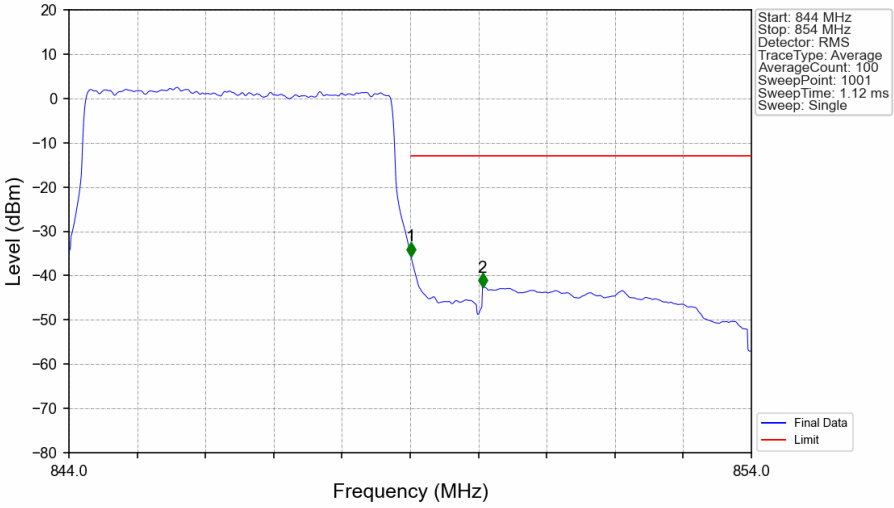


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



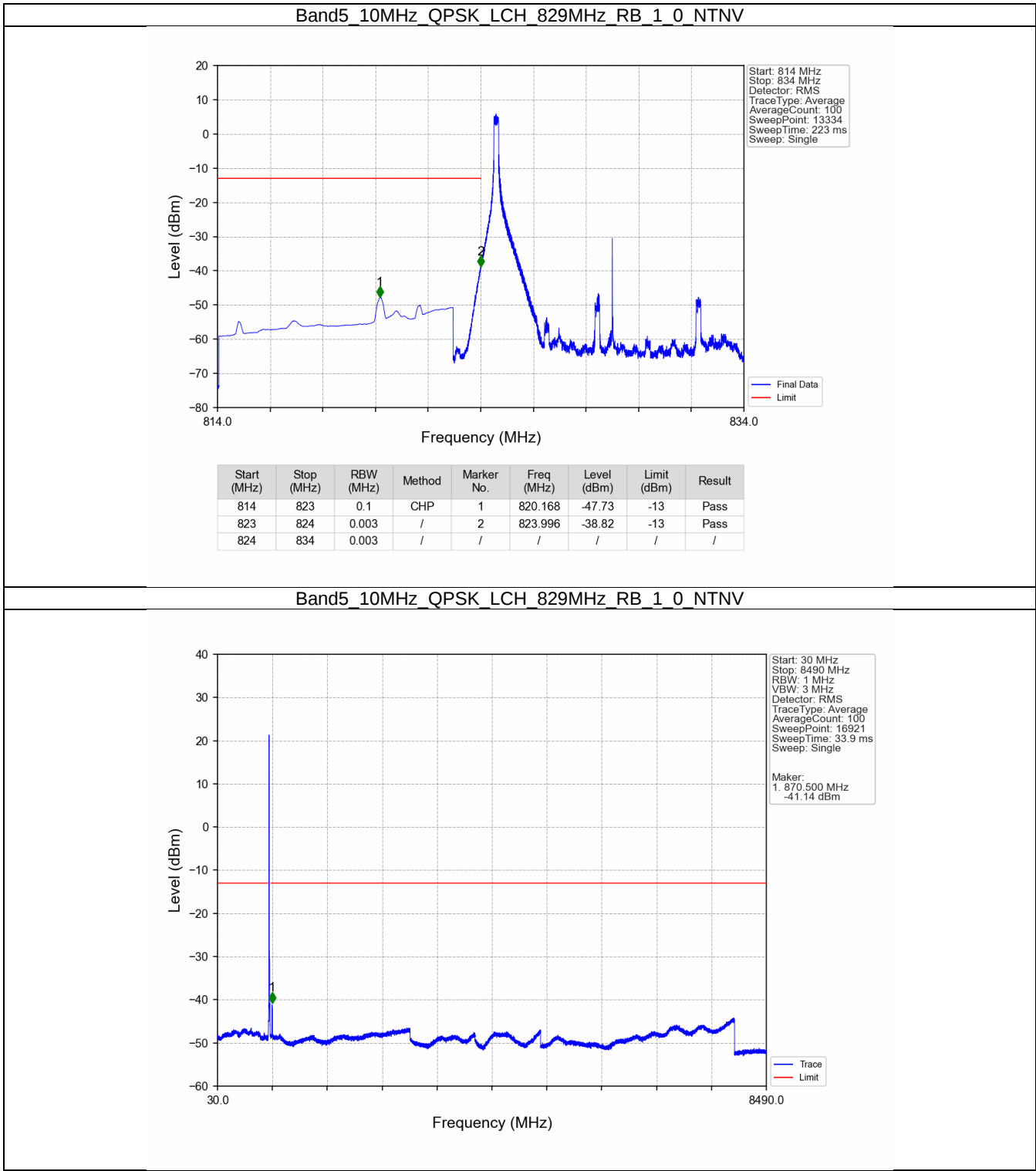
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.012	-31.95	-13	Pass
850	854	0.1	CHP	2	850.800	-43.81	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

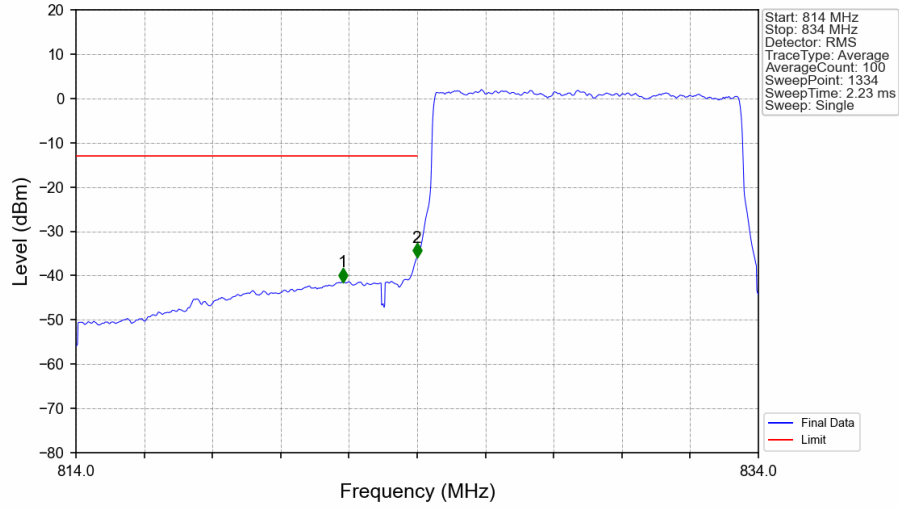


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-35.59	-13	Pass
850	854	0.1	CHP	2	850.060	-42.53	-13	Pass

5.2.4 B5_10MHz

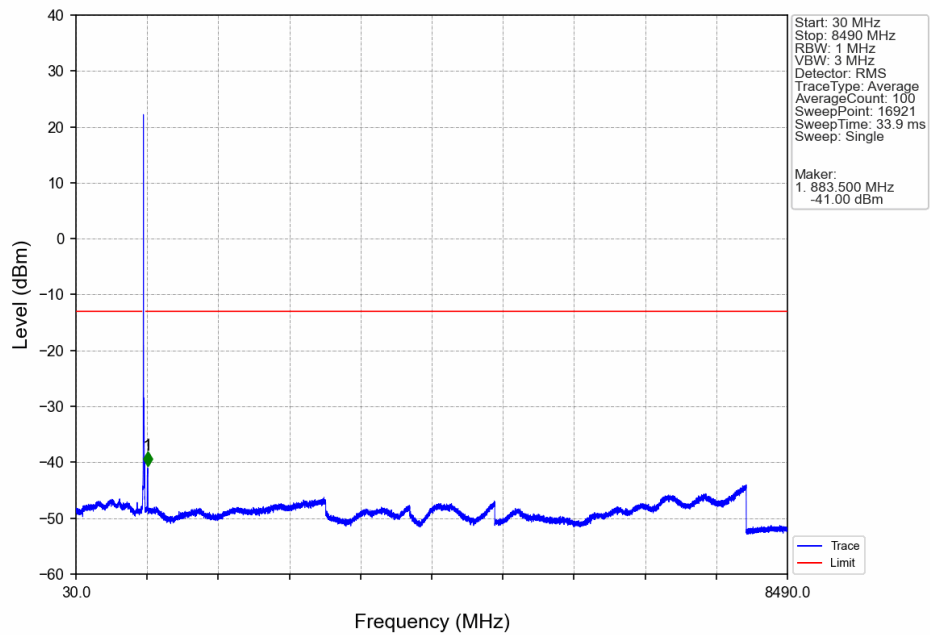


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

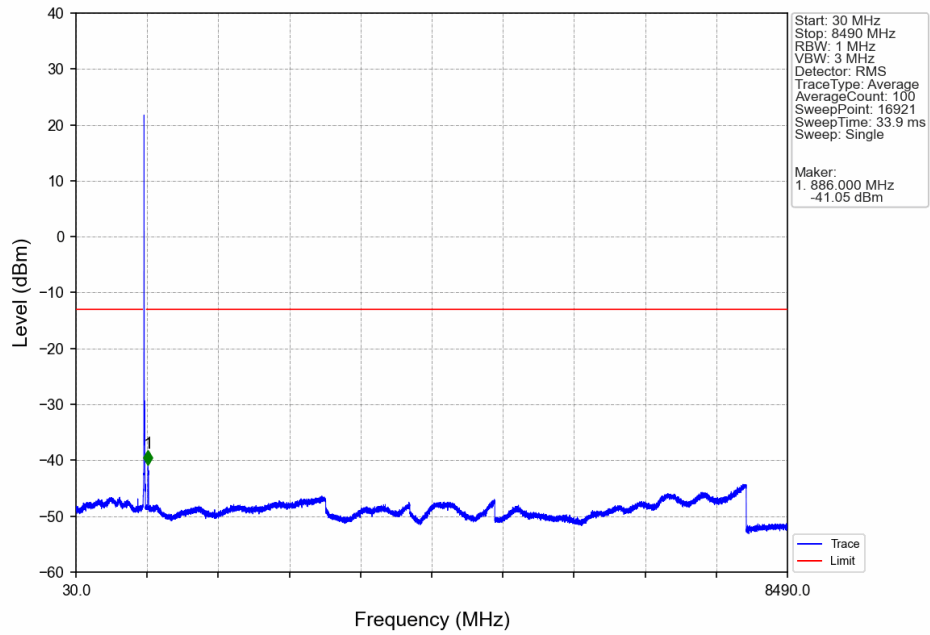


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	821.817	-41.42	-13	Pass
823	824	0.099	CHP	2	823.992	-35.89	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

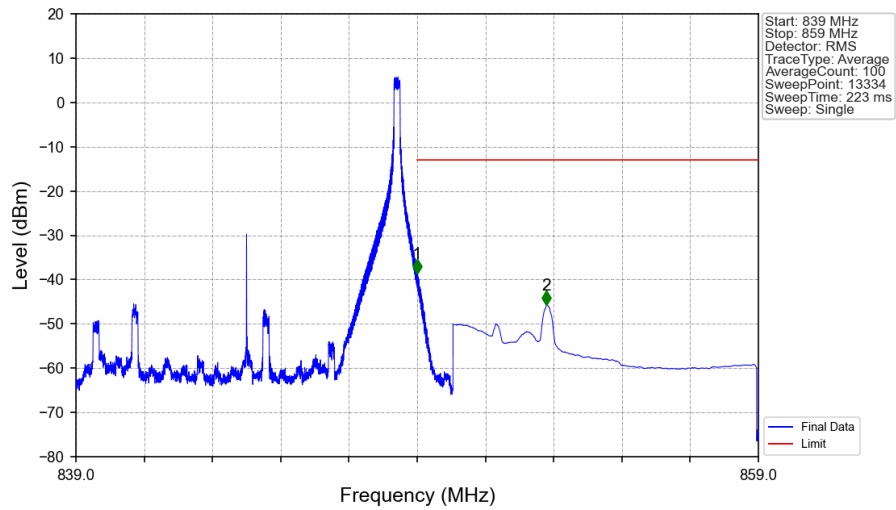
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

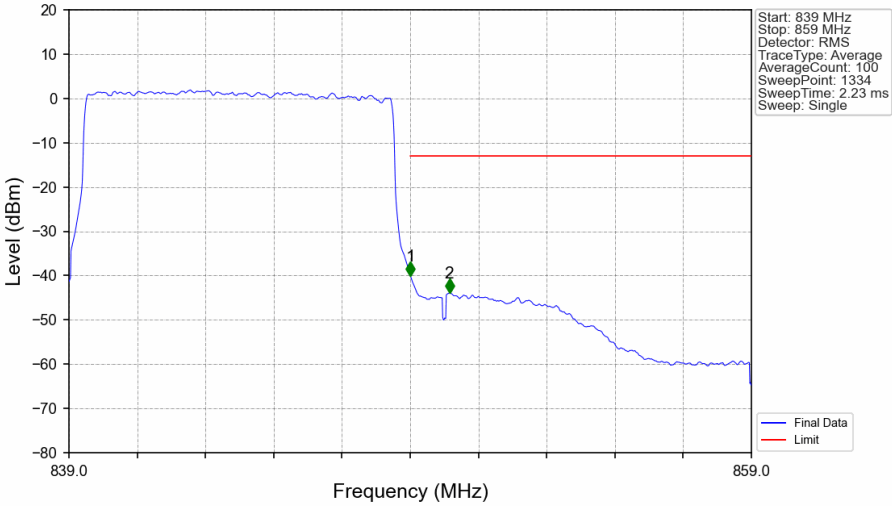


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



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	849.001	-38.63	-13	Pass
850	859	0.1	CHP	2	852.793	-45.70	-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	0.099	CHP	/	/	/	/	/
849	850	0.099	CHP	1	849.008	-40.03	-13	Pass
850	859	0.1	CHP	2	850.148	-43.91	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 5_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.18	64.42	-49.83	25.57	-55.09	-13.00	42.09	Horizontal
2	2473.77	65.71	-49.05	27.15	-51.45	-13.00	38.45	Horizontal
3	3298.36	48.94	-48.63	28.34	-66.61	-13.00	53.61	Horizontal
4	4122.95	48.11	-48.28	29.50	-65.94	-13.00	52.94	Horizontal
5	4947.54	48.96	-48.07	31.08	-63.29	-13.00	50.29	Horizontal
6	5772.13	50.72	-47.66	32.71	-59.49	-13.00	46.49	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.18	62.23	-49.83	25.57	-57.28	-13.00	44.28	Vertical
2	2473.77	68.25	-49.05	27.15	-48.91	-13.00	35.91	Vertical
3	3298.36	49.19	-48.63	28.34	-66.36	-13.00	53.36	Vertical
4	4122.95	48.95	-48.28	29.50	-65.10	-13.00	52.10	Vertical
5	4947.54	49.23	-48.07	31.08	-63.02	-13.00	50.02	Vertical
6	5772.13	50.29	-47.66	32.71	-59.92	-13.00	46.92	Vertical

Test Band = LTE Band 5_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	66.63	-49.80	25.60	-52.83	-13.00	39.83	Horizontal
2	2496.27	68.73	-48.92	27.19	-48.26	-13.00	35.26	Horizontal
3	3328.36	47.97	-48.65	28.36	-67.57	-13.00	54.57	Horizontal
4	4160.45	47.79	-48.32	29.56	-66.23	-13.00	53.23	Horizontal
5	4992.54	49.61	-47.97	31.18	-62.44	-13.00	49.44	Horizontal
6	5824.63	49.95	-47.55	32.73	-60.13	-13.00	47.13	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2496	66.97	-48.92	27.19	-50.02	-13.00	37.02	Vertical
2	1664.18	61.77	-49.79	25.60	-57.69	-13.00	44.69	Vertical
3	3328.36	49.09	-48.65	28.36	-66.45	-13.00	53.45	Vertical
4	4160.45	47.63	-48.32	29.56	-66.39	-13.00	53.39	Vertical
5	4992.54	48.86	-47.97	31.18	-63.19	-13.00	50.19	Vertical
6	5824.63	49.60	-47.55	32.73	-60.48	-13.00	47.48	Vertical

Test Band = LTE Band 5_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1111	64.37	-49.76	25.62	-55.04	-13.00	42.04	Horizontal
2	2518.6667	68.38	-48.95	27.23	-48.60	-13.00	35.60	Horizontal
3	3358.36	48.87	-48.67	28.39	-66.67	-13.00	53.67	Horizontal
4	4197.95	48.46	-48.36	29.62	-65.54	-13.00	52.54	Horizontal
5	5037.54	49.36	-47.94	31.31	-62.54	-13.00	49.54	Horizontal
6	5887.13	49.34	-47.11	32.76	-60.27	-13.00	47.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1111	59.17	-49.76	25.62	-60.24	-13.00	47.24	Vertical
2	2518.6667	66.18	-48.95	27.23	-50.80	-13.00	37.80	Vertical
3	3358.36	48.22	-48.67	28.39	-67.32	-13.00	54.32	Vertical
4	4197.95	48.34	-48.36	29.62	-65.66	-13.00	52.66	Vertical
5	5037.54	48.80	-47.94	31.31	-63.10	-13.00	50.10	Vertical
6	5887.13	49.26	-47.11	32.76	-60.35	-13.00	47.35	Vertical