

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	23.90	-2.50	19.25	<=38.45	Pass
			2	24.09	-2.50	19.44	<=38.45	Pass
			5	23.97	-2.50	19.32	<=38.45	Pass
		3	0	24.02	-2.50	19.37	<=38.45	Pass
			2	24.02	-2.50	19.37	<=38.45	Pass
			3	24.01	-2.50	19.36	<=38.45	Pass
		6	0	22.91	-2.50	18.26	<=38.45	Pass
	836.5	1	0	23.76	-2.50	19.11	<=38.45	Pass
			2	23.89	-2.50	19.24	<=38.45	Pass
			5	23.78	-2.50	19.13	<=38.45	Pass
		3	0	23.93	-2.50	19.28	<=38.45	Pass
			2	23.94	-2.50	19.29	<=38.45	Pass
			3	23.93	-2.50	19.28	<=38.45	Pass
		6	0	22.86	-2.50	18.21	<=38.45	Pass
	848.3	1	0	23.66	-2.50	19.01	<=38.45	Pass
			2	23.75	-2.50	19.10	<=38.45	Pass
			5	23.67	-2.50	19.02	<=38.45	Pass
		3	0	23.81	-2.50	19.16	<=38.45	Pass
			2	23.86	-2.50	19.21	<=38.45	Pass
			3	23.80	-2.50	19.15	<=38.45	Pass
16QAM	824.7	1	0	22.93	-2.50	18.28	<=38.45	Pass
			2	23.03	-2.50	18.38	<=38.45	Pass
			5	22.93	-2.50	18.28	<=38.45	Pass
		3	0	23.07	-2.50	18.42	<=38.45	Pass
			2	23.06	-2.50	18.41	<=38.45	Pass
			3	23.03	-2.50	18.38	<=38.45	Pass
		6	0	21.88	-2.50	17.23	<=38.45	Pass
	836.5	1	0	22.95	-2.50	18.30	<=38.45	Pass
			2	23.11	-2.50	18.46	<=38.45	Pass
			5	23.01	-2.50	18.36	<=38.45	Pass
		3	0	22.90	-2.50	18.25	<=38.45	Pass
			2	22.94	-2.50	18.29	<=38.45	Pass
			3	23.01	-2.50	18.36	<=38.45	Pass
		6	0	21.89	-2.50	17.24	<=38.45	Pass
	848.3	1	0	22.68	-2.50	18.03	<=38.45	Pass
			2	22.80	-2.50	18.15	<=38.45	Pass
			5	22.67	-2.50	18.02	<=38.45	Pass
		3	0	22.99	-2.50	18.34	<=38.45	Pass
			2	23.03	-2.50	18.38	<=38.45	Pass
			3	22.98	-2.50	18.33	<=38.45	Pass
		6	0	21.76	-2.50	17.11	<=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	23.94	-2.50	19.29	<=38.45	Pass
			7	24.07	-2.50	19.42	<=38.45	Pass
			14	23.87	-2.50	19.22	<=38.45	Pass
		8	0	22.93	-2.50	18.28	<=38.45	Pass
			4	22.94	-2.50	18.29	<=38.45	Pass
			7	22.90	-2.50	18.25	<=38.45	Pass
		15	0	22.93	-2.50	18.28	<=38.45	Pass
	836.5	1	0	23.90	-2.50	19.25	<=38.45	Pass
			7	23.96	-2.50	19.31	<=38.45	Pass
			14	23.84	-2.50	19.19	<=38.45	Pass
		8	0	22.87	-2.50	18.22	<=38.45	Pass
			4	22.83	-2.50	18.18	<=38.45	Pass
			7	22.84	-2.50	18.19	<=38.45	Pass
		15	0	22.89	-2.50	18.24	<=38.45	Pass
	847.5	1	0	23.75	-2.50	19.10	<=38.45	Pass
			7	23.86	-2.50	19.21	<=38.45	Pass
			14	23.72	-2.50	19.07	<=38.45	Pass
		8	0	22.79	-2.50	18.14	<=38.45	Pass
			4	22.75	-2.50	18.10	<=38.45	Pass
			7	22.67	-2.50	18.02	<=38.45	Pass
		15	0	22.76	-2.50	18.11	<=38.45	Pass
16QAM	825.5	1	0	23.45	-2.50	18.80	<=38.45	Pass
			7	23.60	-2.50	18.95	<=38.45	Pass
			14	23.37	-2.50	18.72	<=38.45	Pass
		8	0	22.12	-2.50	17.47	<=38.45	Pass
			4	22.13	-2.50	17.48	<=38.45	Pass
			7	22.08	-2.50	17.43	<=38.45	Pass
		15	0	22.03	-2.50	17.38	<=38.45	Pass
	836.5	1	0	22.93	-2.50	18.28	<=38.45	Pass
			7	23.02	-2.50	18.37	<=38.45	Pass
			14	22.90	-2.50	18.25	<=38.45	Pass
		8	0	22.00	-2.50	17.35	<=38.45	Pass
			4	21.99	-2.50	17.34	<=38.45	Pass
			7	21.92	-2.50	17.27	<=38.45	Pass
		15	0	21.97	-2.50	17.32	<=38.45	Pass
	847.5	1	0	22.95	-2.50	18.30	<=38.45	Pass
			7	23.05	-2.50	18.40	<=38.45	Pass
			14	22.88	-2.50	18.23	<=38.45	Pass
		8	0	21.77	-2.50	17.12	<=38.45	Pass
			4	21.78	-2.50	17.13	<=38.45	Pass
			7	21.69	-2.50	17.04	<=38.45	Pass
		15	0	21.77	-2.50	17.12	<=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	23.83	-2.50	19.18	<=38.45	Pass
			13	23.95	-2.50	19.30	<=38.45	Pass
			24	23.79	-2.50	19.14	<=38.45	Pass
		12	0	22.88	-2.50	18.23	<=38.45	Pass
			6	22.95	-2.50	18.30	<=38.45	Pass
			13	22.94	-2.50	18.29	<=38.45	Pass
		25	0	22.90	-2.50	18.25	<=38.45	Pass

	836.5	1	0	23.75	-2.50	19.10	<=38.45	Pass
			13	23.80	-2.50	19.15	<=38.45	Pass
			24	23.71	-2.50	19.06	<=38.45	Pass
		12	0	22.82	-2.50	18.17	<=38.45	Pass
			6	22.87	-2.50	18.22	<=38.45	Pass
			13	22.77	-2.50	18.12	<=38.45	Pass
		25	0	22.81	-2.50	18.16	<=38.45	Pass
	846.5	1	0	23.68	-2.50	19.03	<=38.45	Pass
			13	23.77	-2.50	19.12	<=38.45	Pass
			24	23.63	-2.50	18.98	<=38.45	Pass
		12	0	22.77	-2.50	18.12	<=38.45	Pass
			6	22.83	-2.50	18.18	<=38.45	Pass
			13	22.56	-2.50	17.91	<=38.45	Pass
		25	0	22.61	-2.50	17.96	<=38.45	Pass
16QAM	826.5	1	0	22.95	-2.50	18.30	<=38.45	Pass
			13	23.00	-2.50	18.35	<=38.45	Pass
			24	22.86	-2.50	18.21	<=38.45	Pass
		12	0	21.87	-2.50	17.22	<=38.45	Pass
			6	21.91	-2.50	17.26	<=38.45	Pass
			13	21.92	-2.50	17.27	<=38.45	Pass
		25	0	21.95	-2.50	17.30	<=38.45	Pass
	836.5	1	0	23.02	-2.50	18.37	<=38.45	Pass
			13	23.15	-2.50	18.50	<=38.45	Pass
			24	23.10	-2.50	18.45	<=38.45	Pass
		12	0	21.84	-2.50	17.19	<=38.45	Pass
			6	21.93	-2.50	17.28	<=38.45	Pass
			13	21.78	-2.50	17.13	<=38.45	Pass
		25	0	21.84	-2.50	17.19	<=38.45	Pass
	846.5	1	0	22.55	-2.50	17.90	<=38.45	Pass
			13	22.65	-2.50	18.00	<=38.45	Pass
			24	22.52	-2.50	17.87	<=38.45	Pass
		12	0	21.72	-2.50	17.07	<=38.45	Pass
			6	21.81	-2.50	17.16	<=38.45	Pass
			13	21.51	-2.50	16.86	<=38.45	Pass
		25	0	21.69	-2.50	17.04	<=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	23.88	-2.50	19.23	<=38.45	Pass
			25	23.98	-2.50	19.33	<=38.45	Pass
			49	23.79	-2.50	19.14	<=38.45	Pass
		25	0	22.82	-2.50	18.17	<=38.45	Pass
			13	22.90	-2.50	18.25	<=38.45	Pass
			25	23.01	-2.50	18.36	<=38.45	Pass
		50	0	22.95	-2.50	18.30	<=38.45	Pass
	836.5	1	0	23.82	-2.50	19.17	<=38.45	Pass
			25	23.94	-2.50	19.29	<=38.45	Pass
			49	23.78	-2.50	19.13	<=38.45	Pass
		25	0	22.80	-2.50	18.15	<=38.45	Pass
			13	22.82	-2.50	18.17	<=38.45	Pass
			25	22.73	-2.50	18.08	<=38.45	Pass
		50	0	22.81	-2.50	18.16	<=38.45	Pass
	844	1	0	23.75	-2.50	19.10	<=38.45	Pass
			25	23.86	-2.50	19.21	<=38.45	Pass

16QAM		25	49	23.75	-2.50	19.10	<=38.45	Pass
			0	22.80	-2.50	18.15	<=38.45	Pass
			13	22.81	-2.50	18.16	<=38.45	Pass
			25	22.62	-2.50	17.97	<=38.45	Pass
		50	0	22.74	-2.50	18.09	<=38.45	Pass
	829	1	0	23.46	-2.50	18.81	<=38.45	Pass
			25	23.45	-2.50	18.80	<=38.45	Pass
			49	23.33	-2.50	18.68	<=38.45	Pass
		25	0	21.87	-2.50	17.22	<=38.45	Pass
			13	21.95	-2.50	17.30	<=38.45	Pass
			25	22.10	-2.50	17.45	<=38.45	Pass
		50	0	21.94	-2.50	17.29	<=38.45	Pass
	836.5	1	0	22.81	-2.50	18.16	<=38.45	Pass
			25	22.99	-2.50	18.34	<=38.45	Pass
			49	22.82	-2.50	18.17	<=38.45	Pass
		25	0	21.93	-2.50	17.28	<=38.45	Pass
			13	21.97	-2.50	17.32	<=38.45	Pass
			25	21.86	-2.50	17.21	<=38.45	Pass
		50	0	21.82	-2.50	17.17	<=38.45	Pass
	844	1	0	22.94	-2.50	18.29	<=38.45	Pass
			25	23.03	-2.50	18.38	<=38.45	Pass
			49	22.91	-2.50	18.26	<=38.45	Pass
		25	0	21.84	-2.50	17.19	<=38.45	Pass
			13	21.84	-2.50	17.19	<=38.45	Pass
			25	21.66	-2.50	17.01	<=38.45	Pass
		50	0	21.79	-2.50	17.14	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-8.340	-0.0101	-2.5 to 2.5	Pass
					3.85	-7.524	-0.0091	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-8.984	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-5.307	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0069	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-7.668	-0.0092	-2.5 to 2.5	Pass
					3.85	-6.766	-0.0081	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-7.153	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-4.334	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass

	848.3	6	0	30	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-9.785	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
				20	3.27	-14.062	-0.0166	-2.5 to 2.5	Pass
					3.85	-5.379	-0.0063	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-4.663	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0047	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-2.704	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.950	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-7.010	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-8.125	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-7.081	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-8.025	-0.0097	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-2.532	-0.0030	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0102	-2.5 to 2.5	Pass
					4.43	-7.238	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-7.739	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-12.217	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	-5.865	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0087	-2.5 to 2.5	Pass
				50	3.85	0.358	0.0004	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.691	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0050	-2.5 to 2.5	Pass
					4.43	-6.123	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-6.237	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-10.514	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-7.439	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-9.942	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0057	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-17.896	-0.0217	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0068	-2.5 to 2.5	Pass

				-10	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-8.097	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-6.852	-0.0083	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-5.522	-0.0066	-2.5 to 2.5	Pass
					3.85	-7.439	-0.0089	-2.5 to 2.5	Pass
					4.43	-7.739	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-7.524	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-7.353	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-9.527	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-5.350	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-6.909	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0080	-2.5 to 2.5	Pass
				20	3.27	-10.400	-0.0123	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0082	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0064	-2.5 to 2.5	Pass
	847.5	15	0	-30	3.85	-5.178	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-3.562	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-8.612	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-6.051	-0.0071	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-5.007	-0.0061	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-7.124	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-13.361	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-9.012	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.920	-0.0047	-2.5 to 2.5	Pass
					3.85	-6.166	-0.0074	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-7.596	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.193	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-9.370	-0.0112	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	0.129	0.0002	-2.5 to 2.5	Pass
					3.85	-5.450	-0.0064	-2.5 to 2.5	Pass
					4.43	-9.942	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-5.407	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-3.161	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.221	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0027	-2.5 to 2.5	Pass

				40	3.85	-7.396	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-4.005	-0.0047	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-10.529	-0.0127	-2.5 to 2.5	Pass
					3.85	-8.411	-0.0102	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-8.941	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-9.999	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-6.366	-0.0077	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-7.267	-0.0087	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0055	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-10.614	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-5.207	-0.0062	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-8.698	-0.0103	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0081	-2.5 to 2.5	Pass
					4.43	-5.751	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-9.627	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-7.553	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-9.971	-0.0118	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-5.722	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-4.706	-0.0057	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0060	-2.5 to 2.5	Pass
					4.43	-13.061	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-7.439	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-7.896	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0050	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-5.150	-0.0062	-2.5 to 2.5	Pass
					3.85	-6.323	-0.0076	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-8.740	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-7.825	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0075	-2.5 to 2.5	Pass

				0	3.85	-4.320	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-7.839	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-7.267	-0.0087	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-7.753	-0.0092	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0087	-2.5 to 2.5	Pass
					4.43	-6.309	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-7.825	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-4.306	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-8.054	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-10.328	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-9.670	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-9.627	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0070	-2.5 to 2.5	Pass

2.1.4 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	829	50	0	20	3.27	-8.254	-0.0100	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0081	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-5.450	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-8.125	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0062	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.854	-0.0094	-2.5 to 2.5	Pass
					3.85	-6.809	-0.0081	-2.5 to 2.5	Pass
					4.43	-6.981	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-9.398	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-8.297	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-5.736	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-5.794	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-6.223	-0.0074	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-9.499	-0.0113	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0085	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-9.170	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-7.224	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0063	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-4.835	-0.0058	-2.5 to 2.5	Pass
					3.85	-5.765	-0.0070	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0029	-2.5 to 2.5	Pass

				-30	3.85	-7.095	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-5.794	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-7.324	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-5.636	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-9.255	-0.0112	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.968	-0.0095	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-4.148	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.038	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.364	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0073	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-7.982	-0.0095	-2.5 to 2.5	Pass
					3.85	-7.095	-0.0084	-2.5 to 2.5	Pass
					4.43	-8.097	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-11.086	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-8.197	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-7.539	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-8.254	-0.0098	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
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241121030FW6

Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

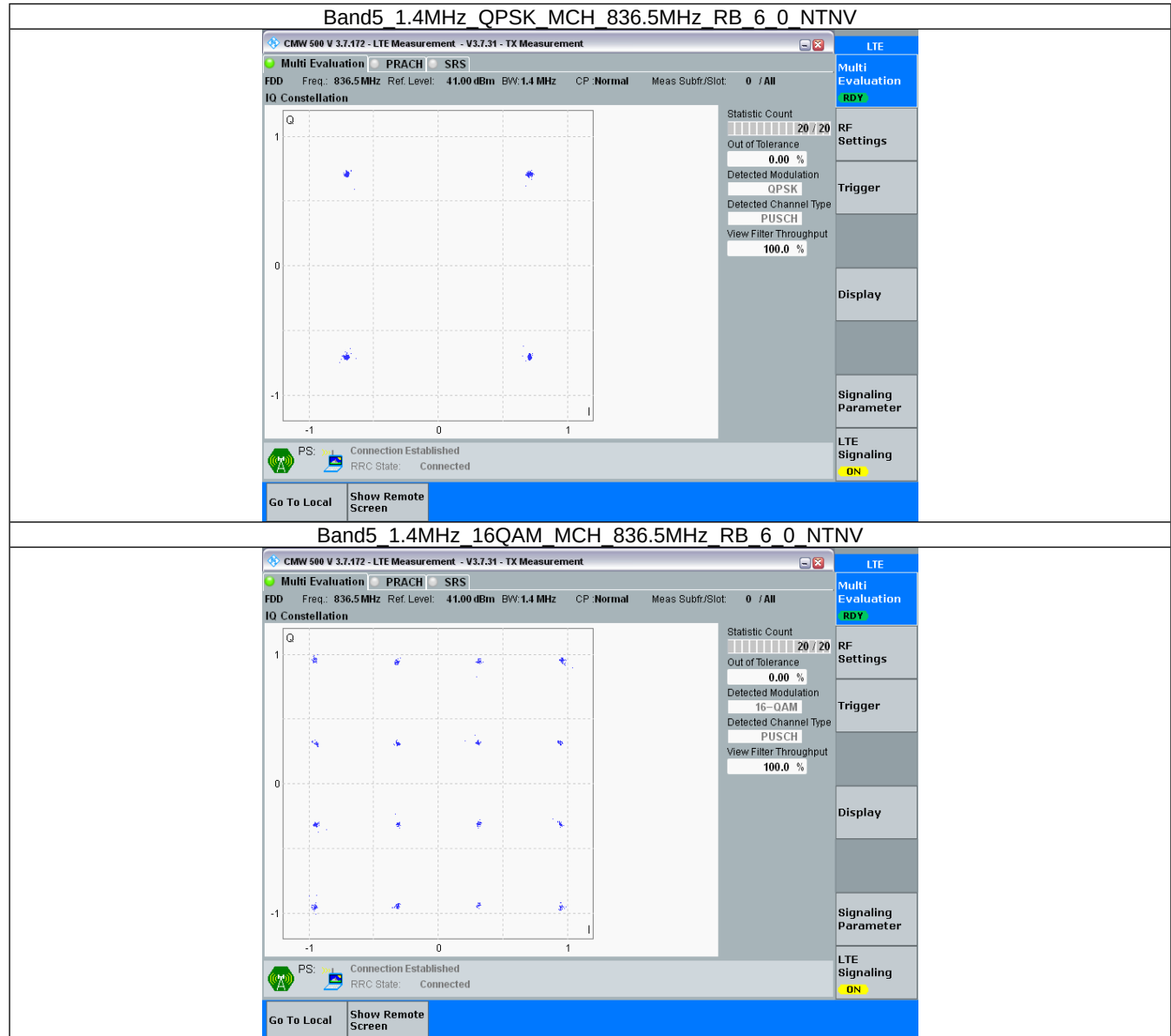
3.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

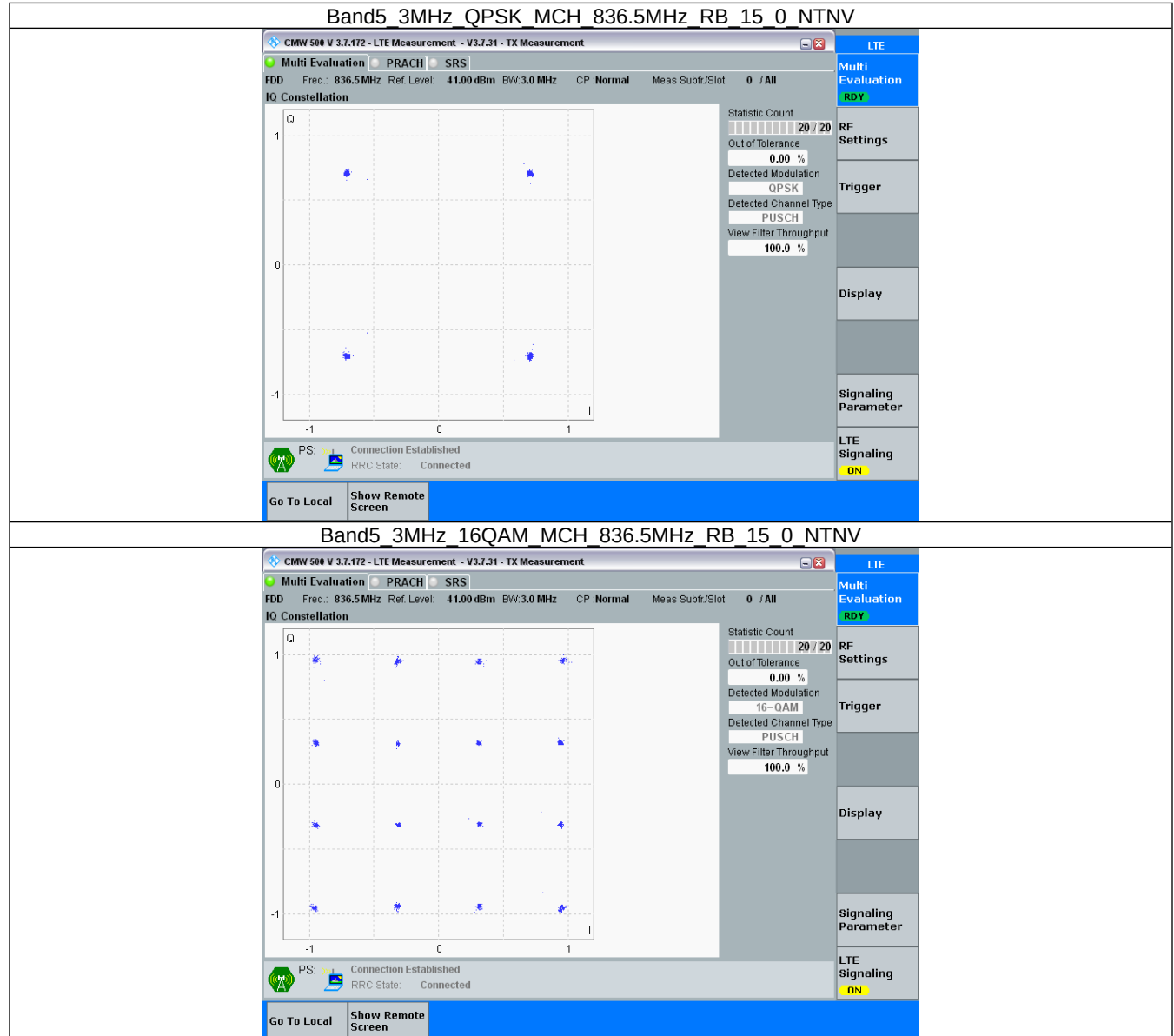
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3.2 Test Graph

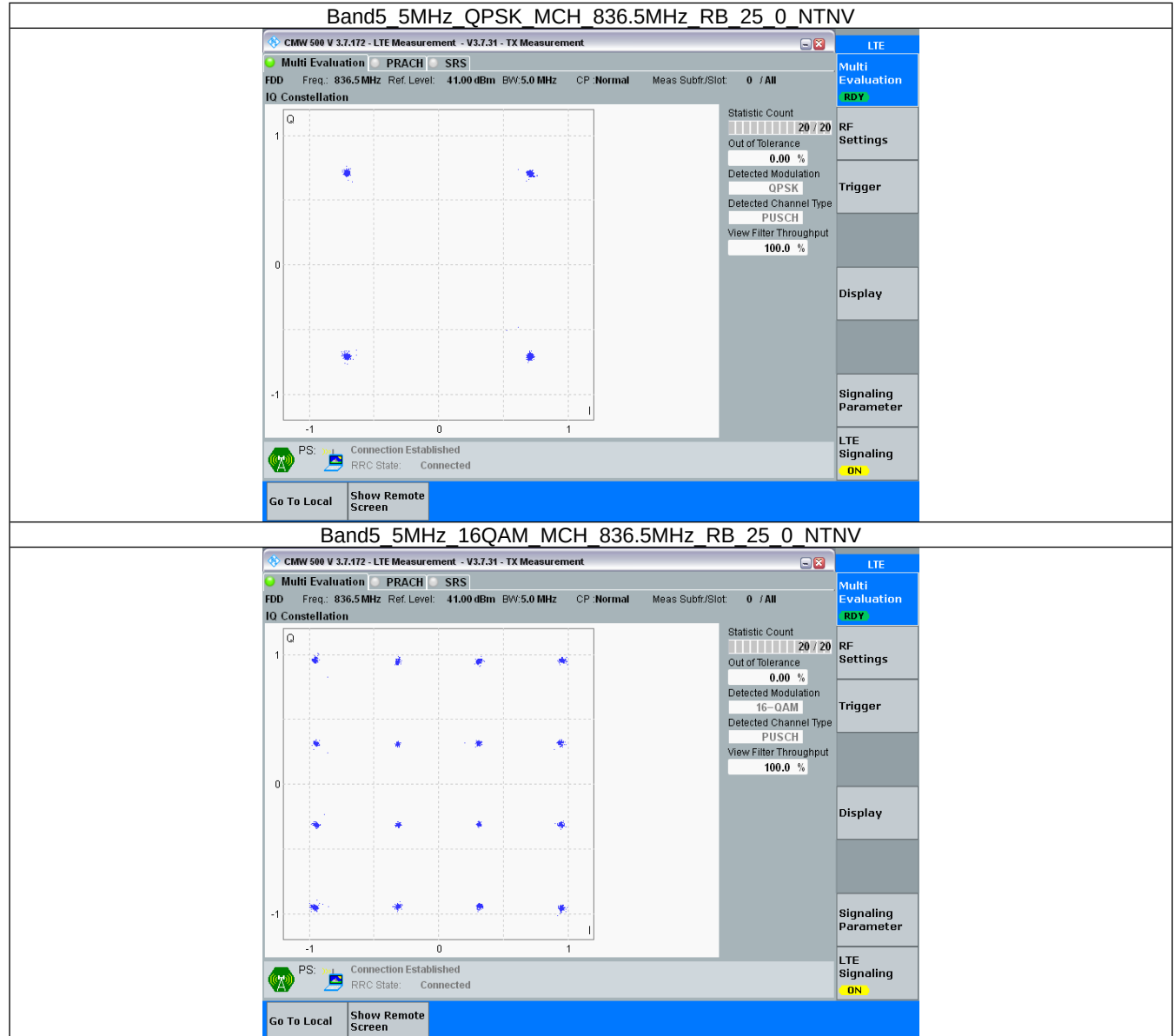
3.2.1 B5_1.4MHz



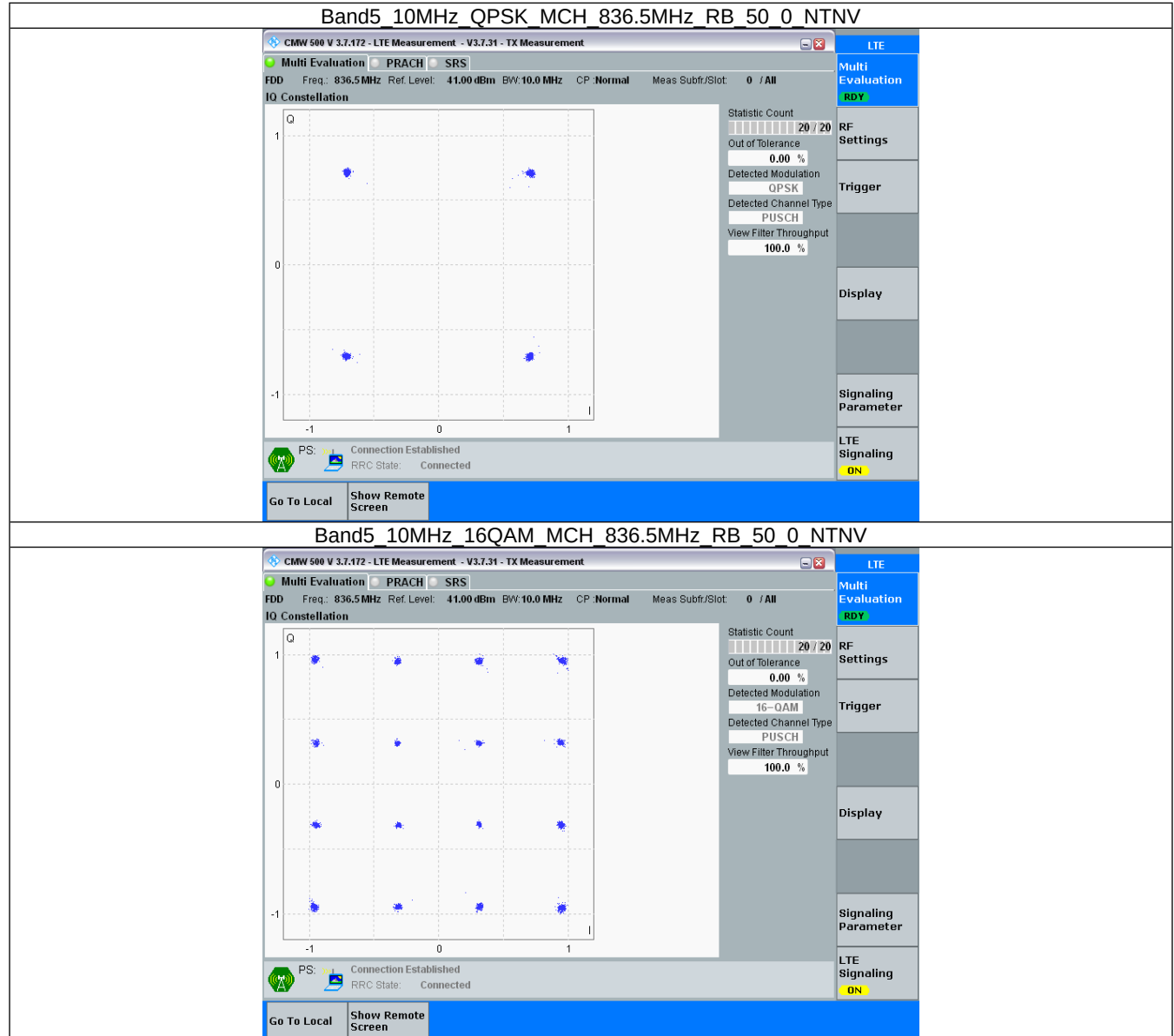
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.106	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.099	/	Pass
		848.3	6	0	1.117	/	Pass
3	QPSK	825.5	15	0	2.728	/	Pass
		836.5	15	0	2.722	/	Pass
		847.5	15	0	2.716	/	Pass
	16QAM	825.5	15	0	2.724	/	Pass
		836.5	15	0	2.714	/	Pass
		847.5	15	0	2.724	/	Pass
5	QPSK	826.5	25	0	4.565	/	Pass
		836.5	25	0	4.538	/	Pass
		846.5	25	0	4.517	/	Pass
	16QAM	826.5	25	0	4.532	/	Pass
		836.5	25	0	4.548	/	Pass
		846.5	25	0	4.546	/	Pass
10	QPSK	829	50	0	9.081	/	Pass
		836.5	50	0	9.052	/	Pass
		844	50	0	9.028	/	Pass
	16QAM	829	50	0	9.047	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.018	/	Pass

4.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.308	/	Pass
		836.5	6	0	1.334	/	Pass
		848.3	6	0	1.317	/	Pass
	16QAM	824.7	6	0	1.331	/	Pass
		836.5	6	0	1.300	/	Pass
		848.3	6	0	1.318	/	Pass
3	QPSK	825.5	15	0	2.985	/	Pass
		836.5	15	0	2.987	/	Pass
		847.5	15	0	2.968	/	Pass
	16QAM	825.5	15	0	3.012	/	Pass
		836.5	15	0	2.991	/	Pass
		847.5	15	0	2.984	/	Pass
5	QPSK	826.5	25	0	5.024	/	Pass
		836.5	25	0	4.991	/	Pass
		846.5	25	0	4.958	/	Pass



241121030FW6

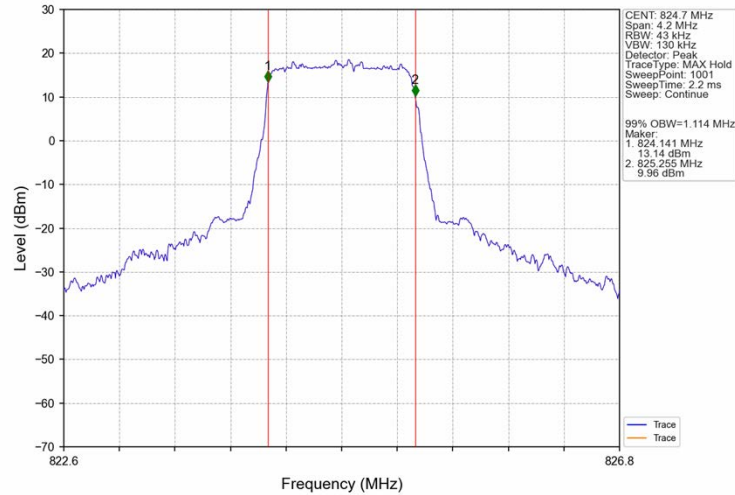
	16QAM	826.5	25	0	4.957	/	Pass
		836.5	25	0	5.019	/	Pass
		846.5	25	0	4.994	/	Pass
10	QPSK	829	50	0	9.907	/	Pass
		836.5	50	0	9.883	/	Pass
		844	50	0	9.895	/	Pass
	16QAM	829	50	0	9.876	/	Pass
		836.5	50	0	9.920	/	Pass
		844	50	0	9.894	/	Pass

241121030FW6

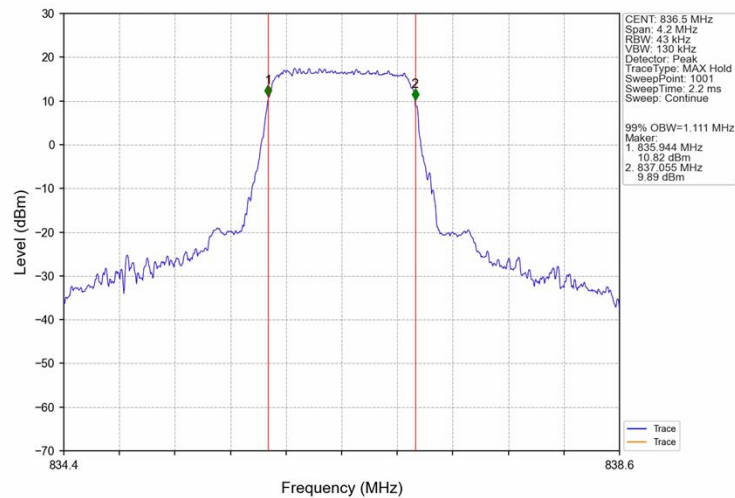
4.2 Test Graph

4.2.1 Band5_OBW

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

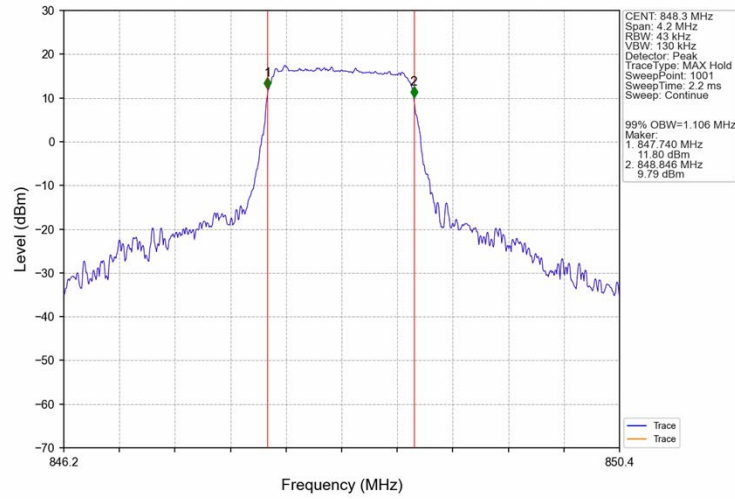


Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

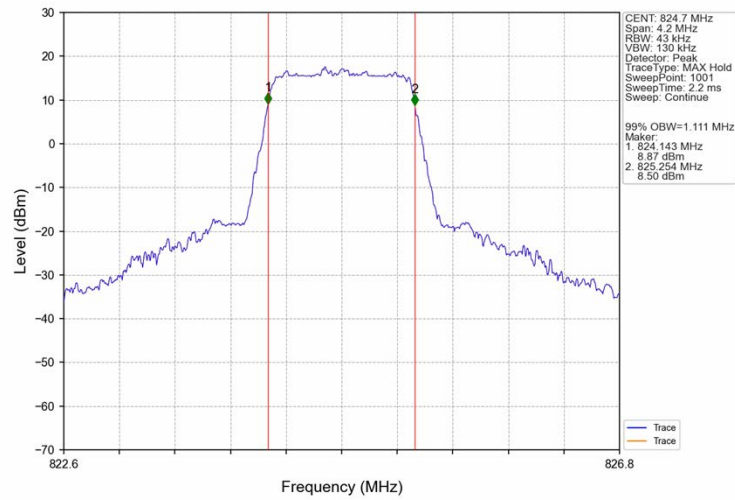


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Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

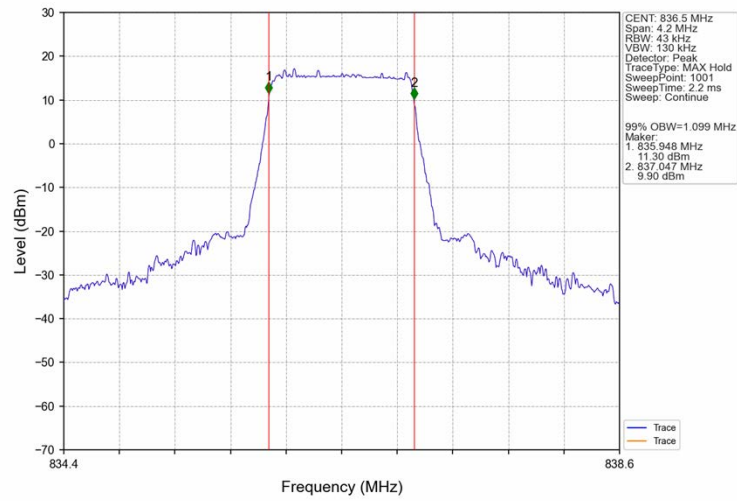


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

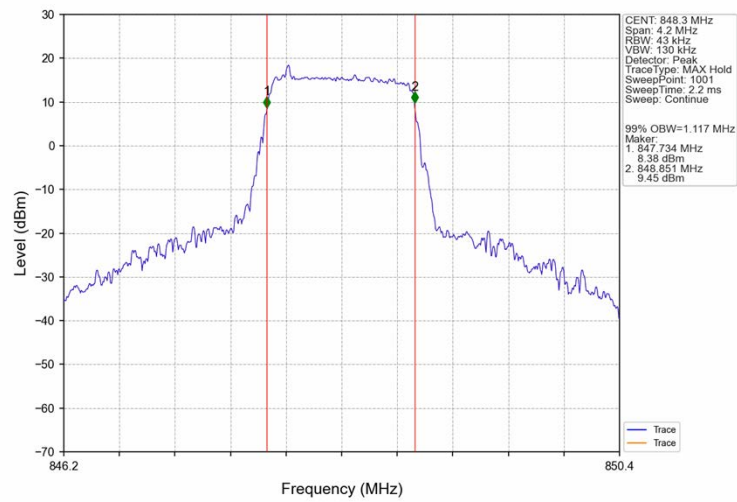


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Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

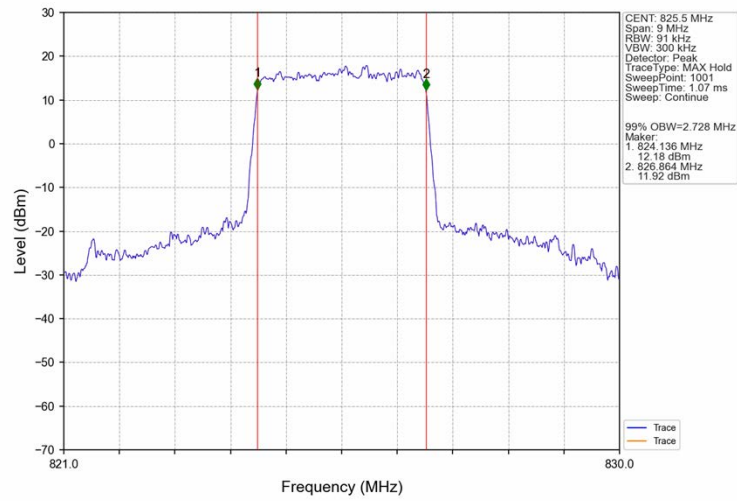


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

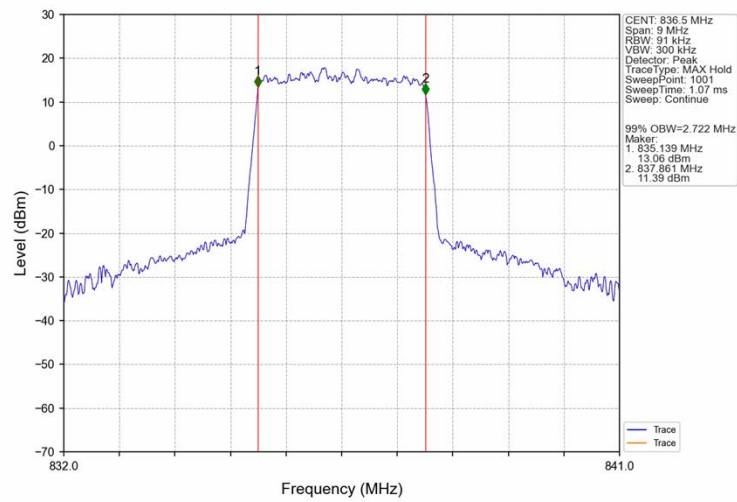


241121030FW6

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

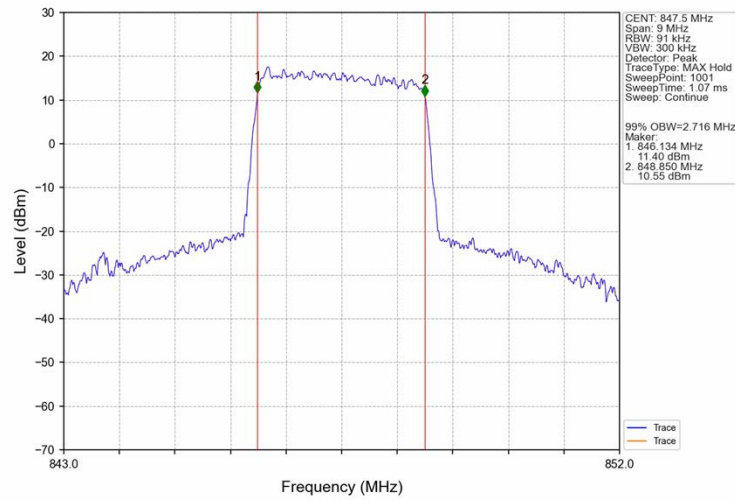


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

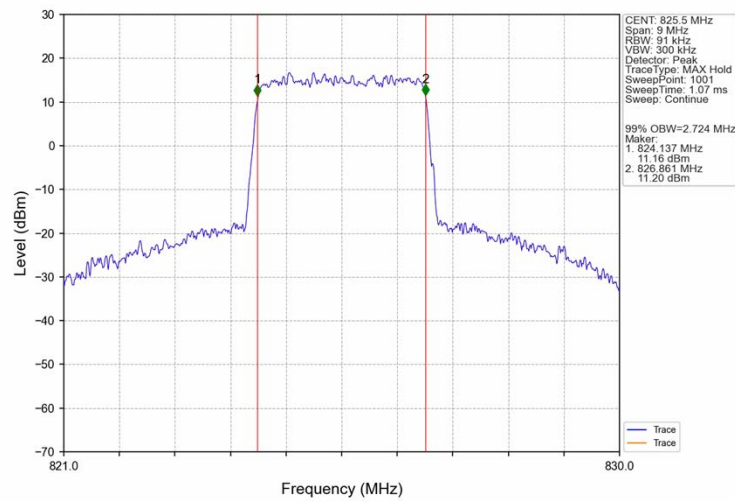


241121030FW6

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

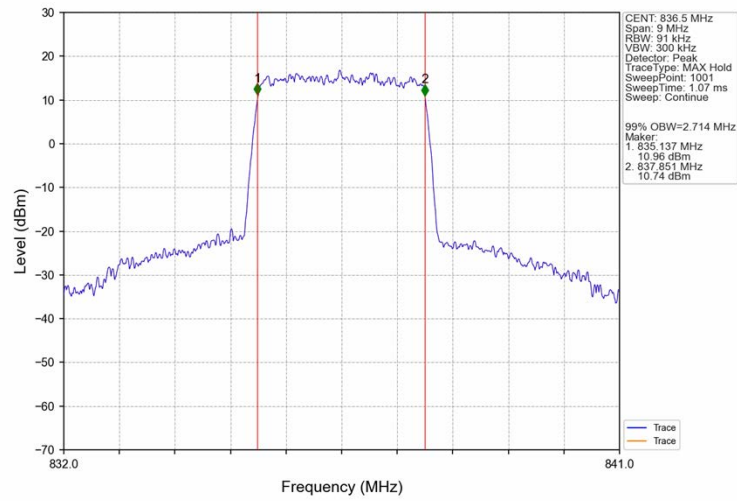


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

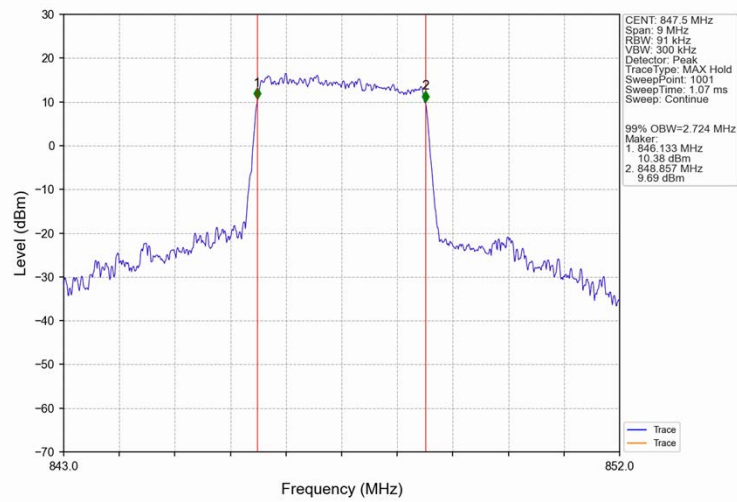


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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

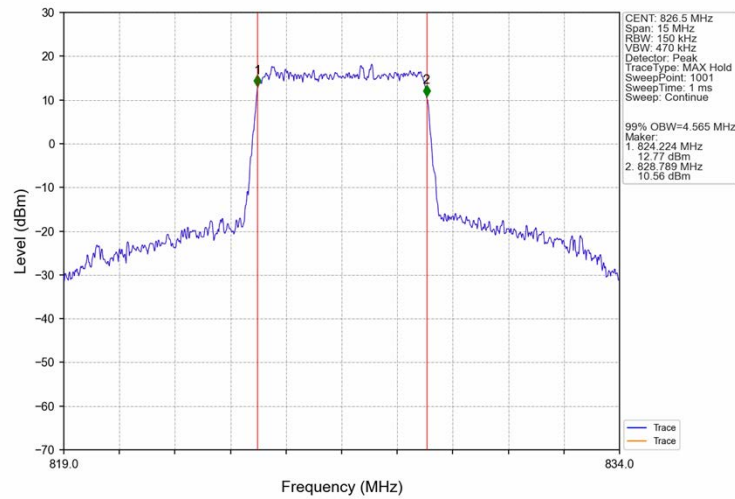


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

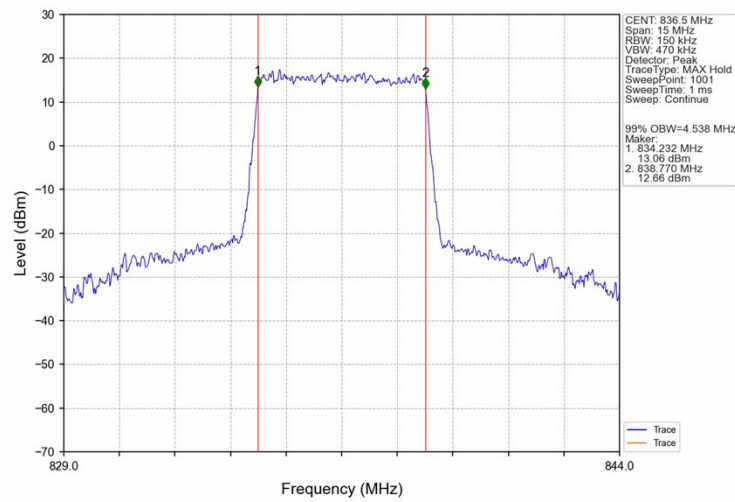


241121030FW6

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

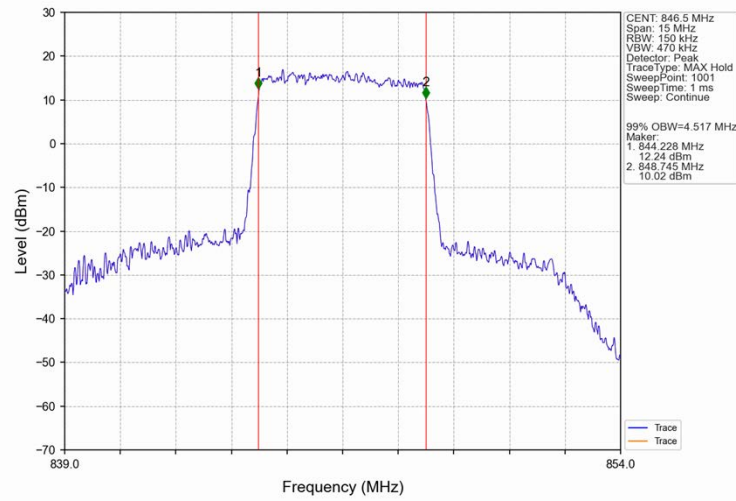


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

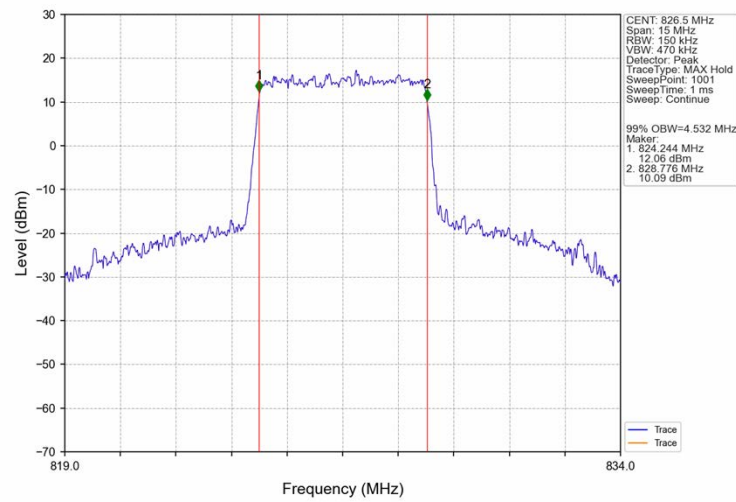


241121030FW6

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

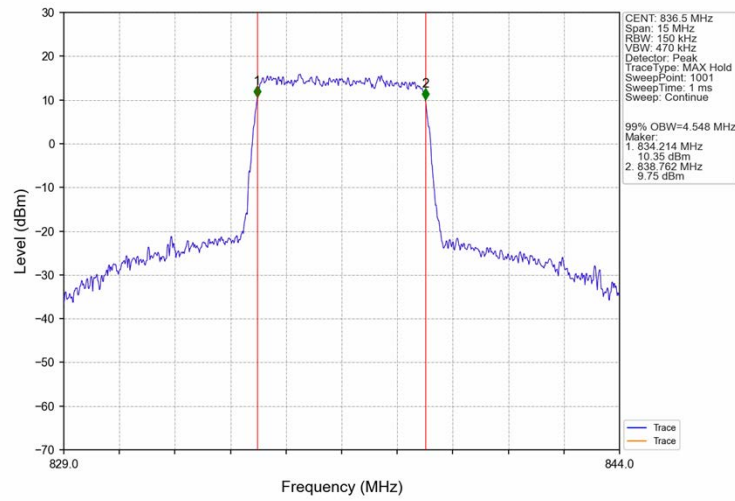


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

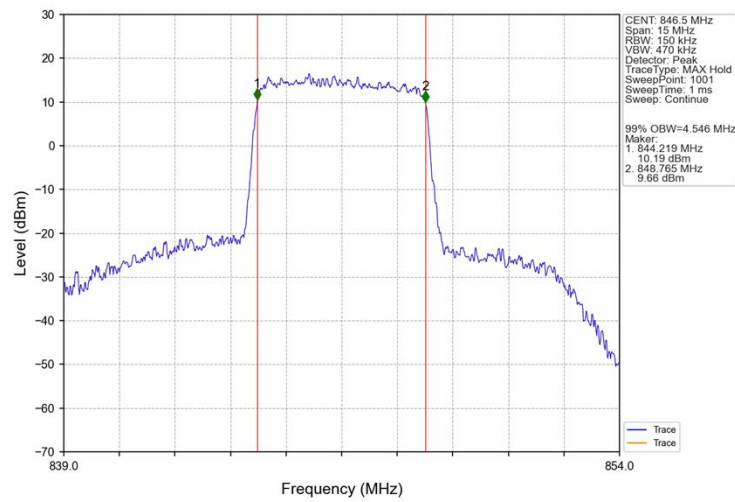


241121030FW6

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

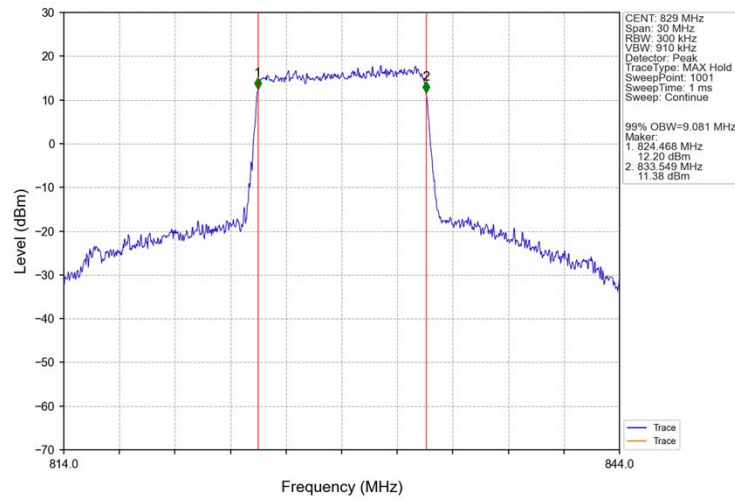


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

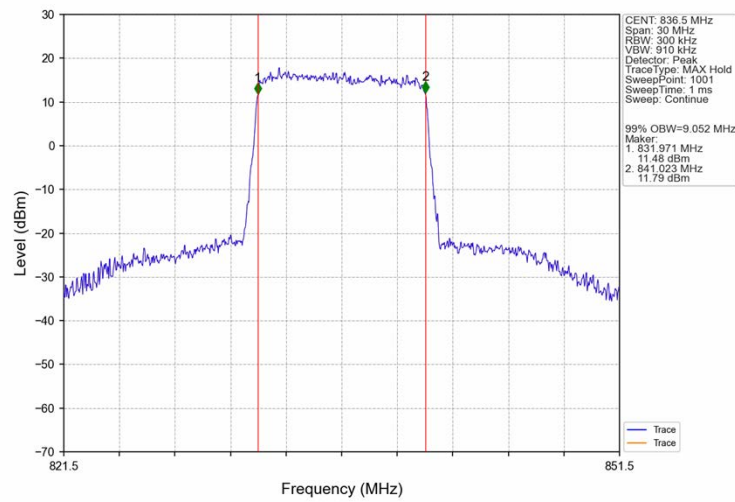


241121030FW6

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

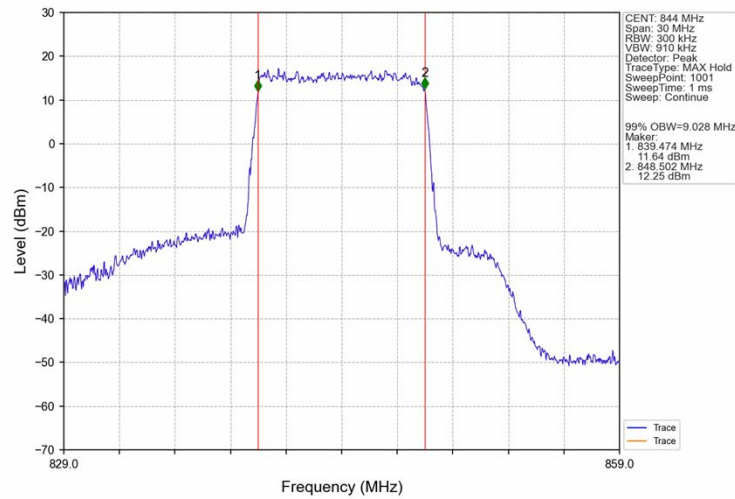


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

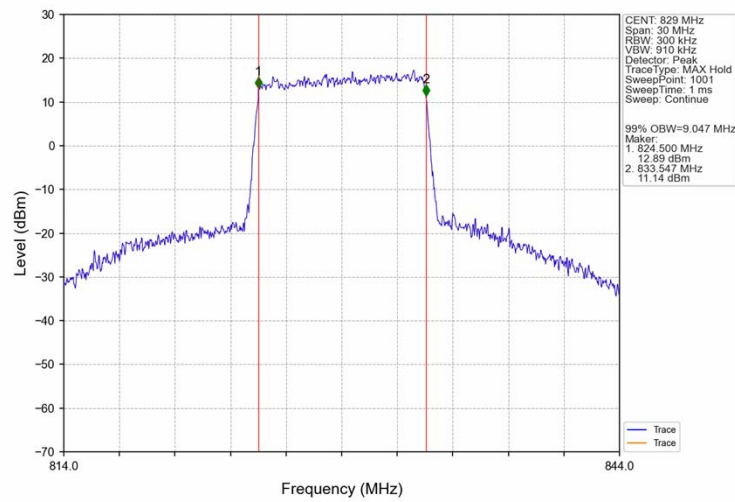


241121030FW6

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

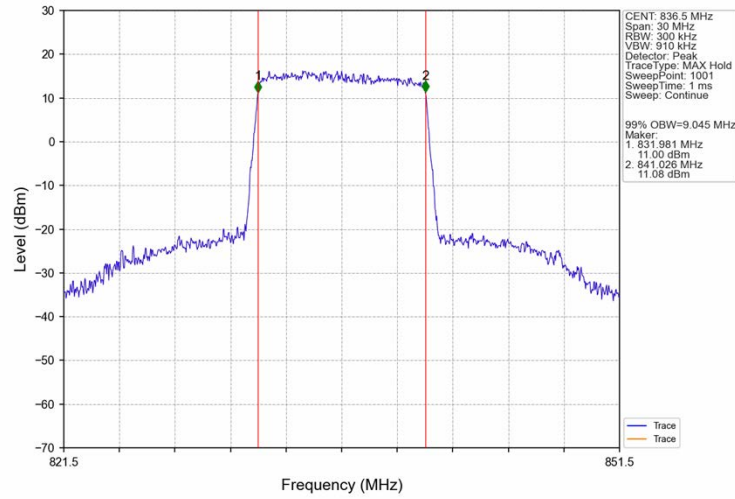


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

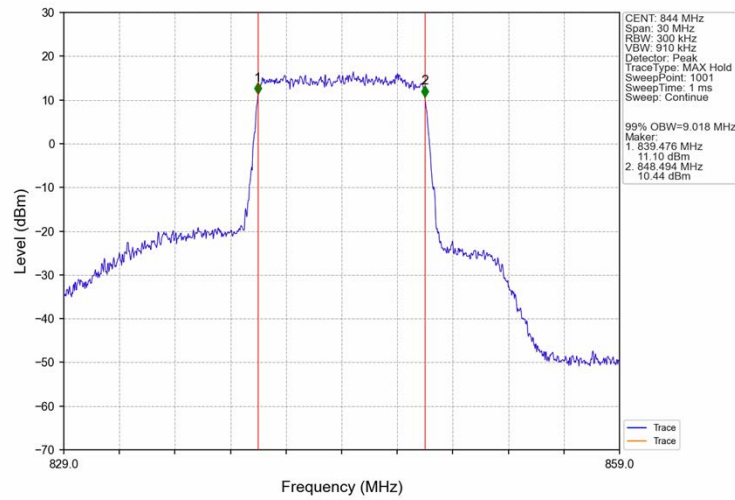


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Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV

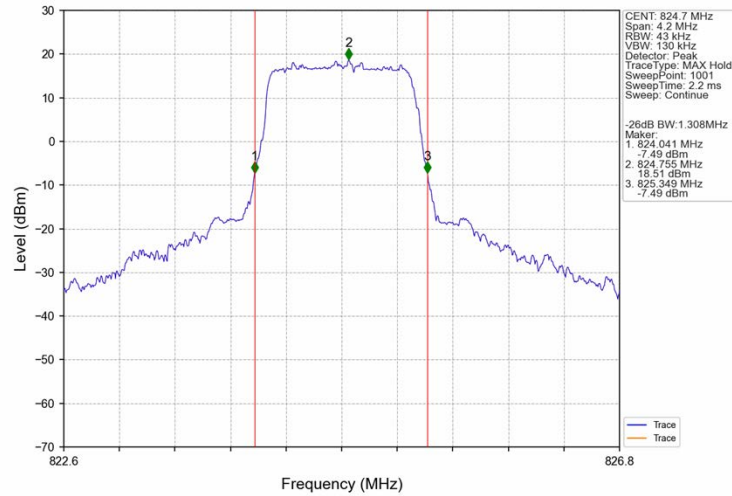


Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

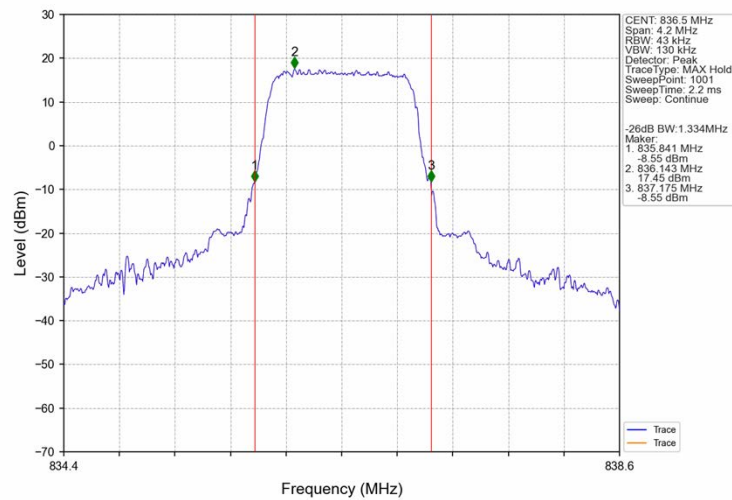


4.2.2 Band5_XDB

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

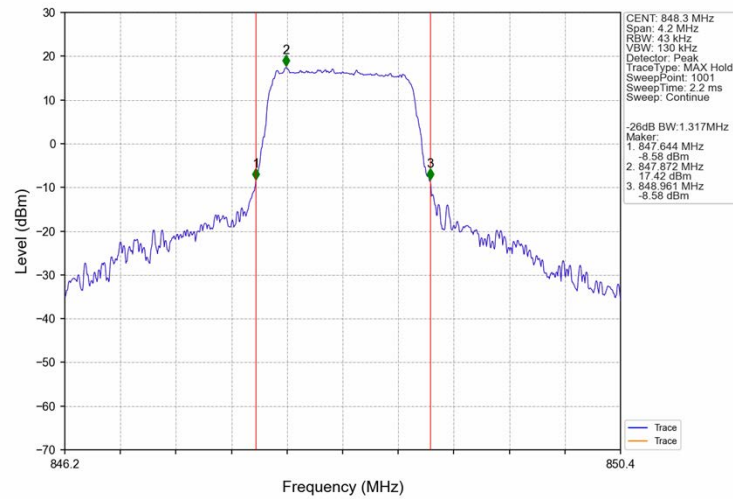


Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

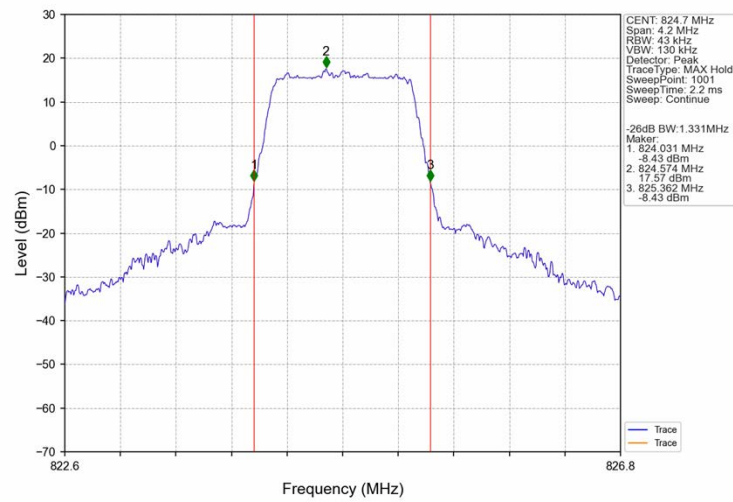


241121030FW6

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

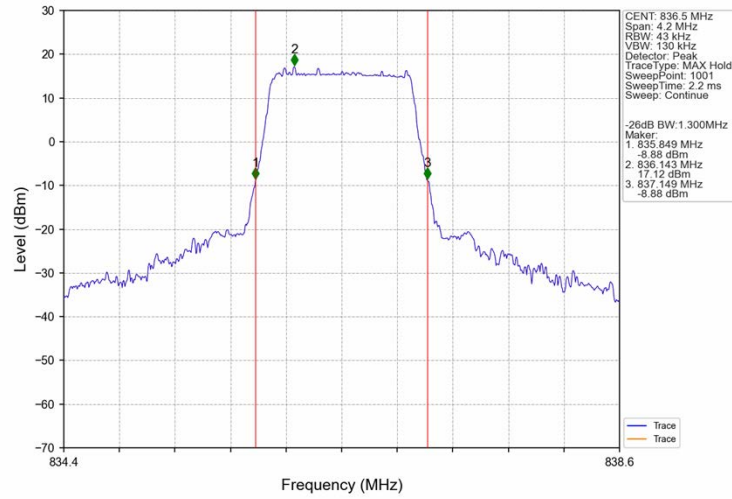


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

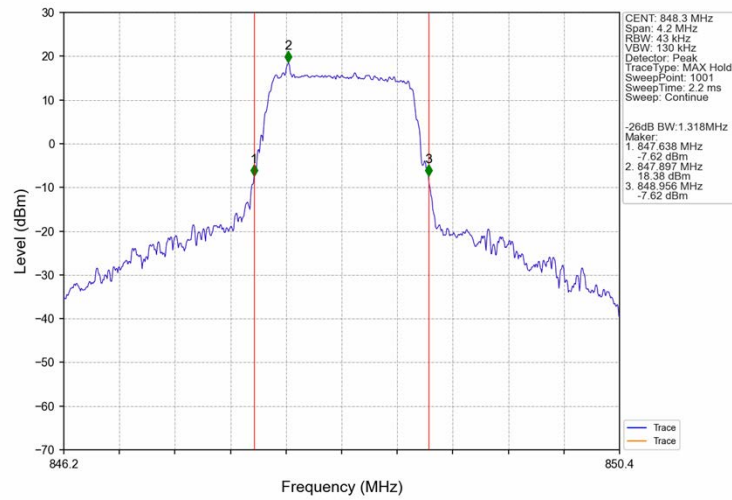


241121030FW6

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

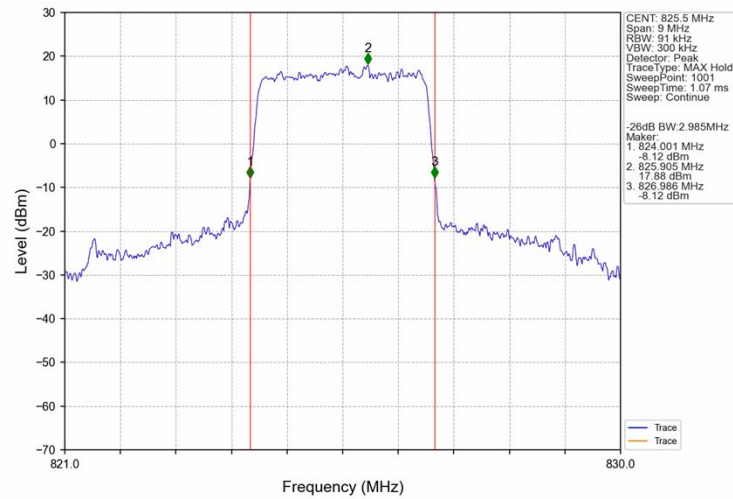


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

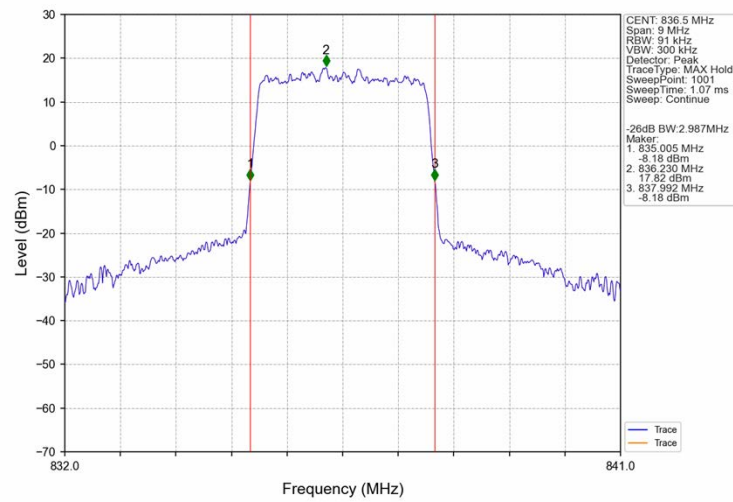


241121030FW6

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

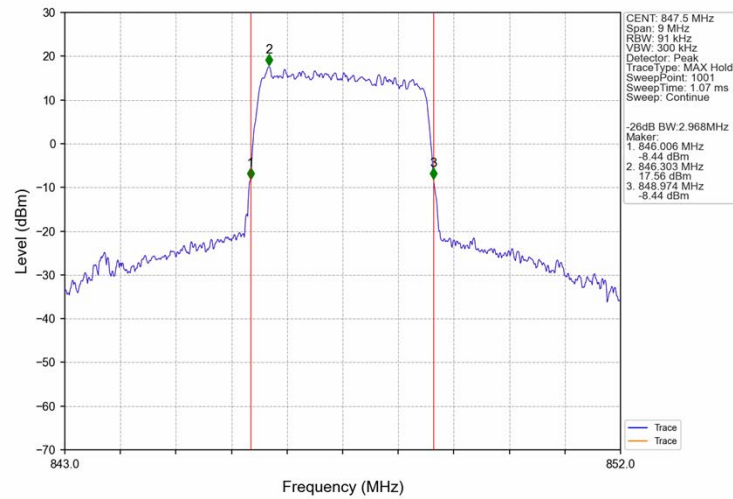


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

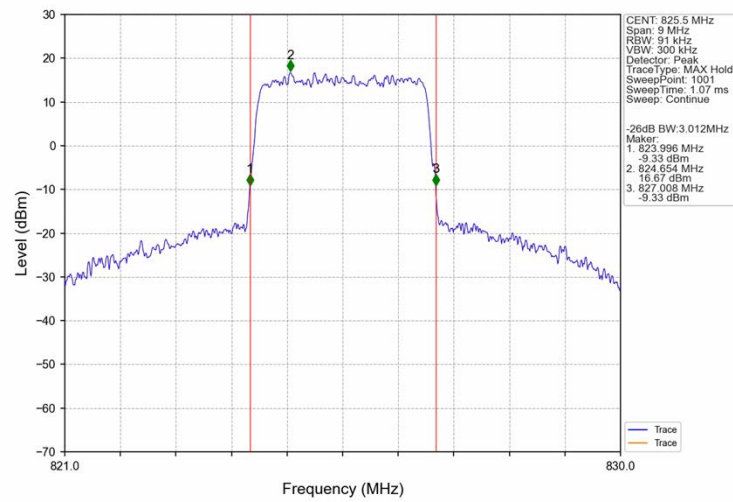


241121030FW6

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

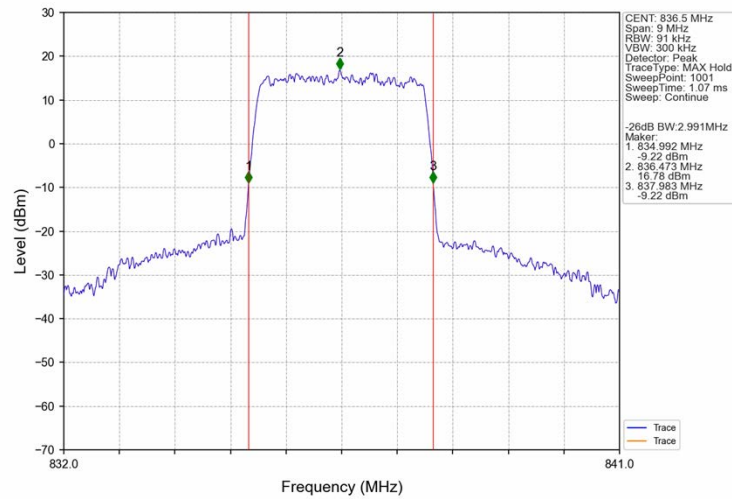


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

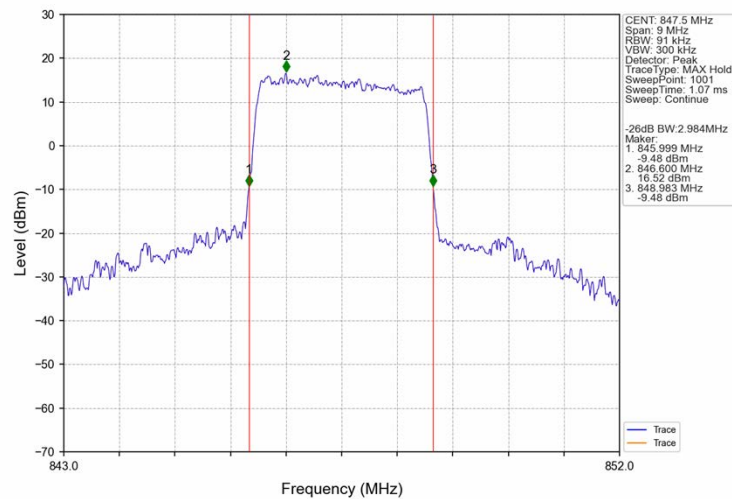


241121030FW6

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

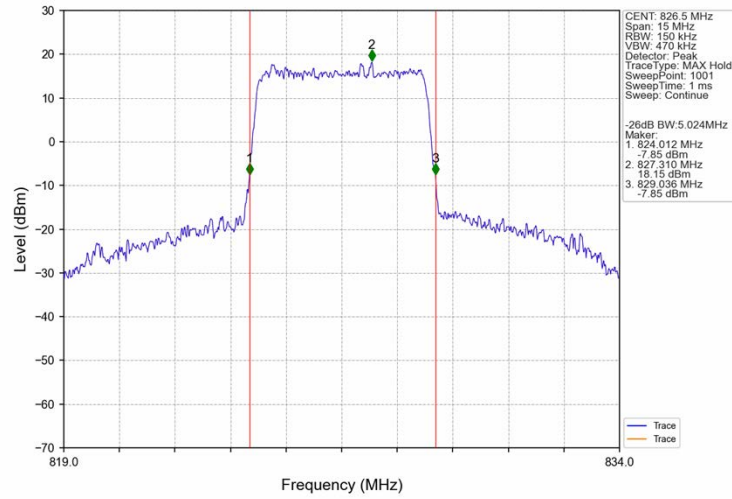


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

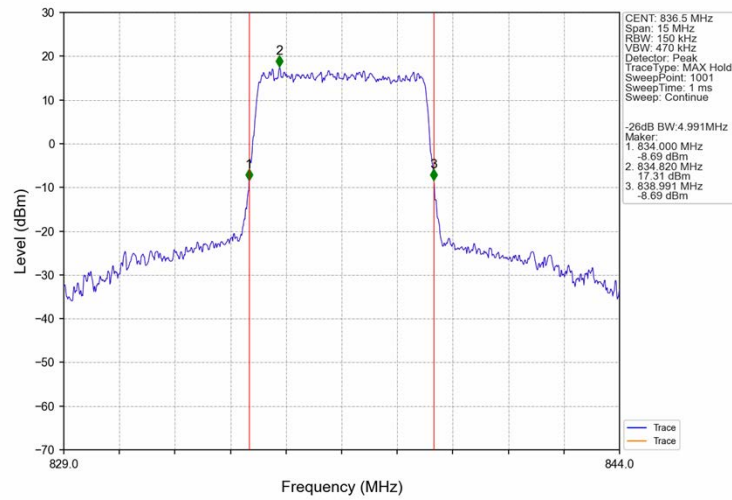


241121030FW6

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

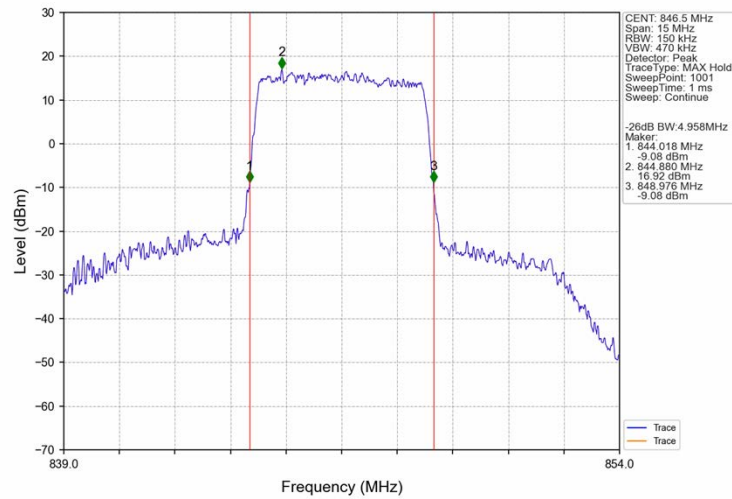


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

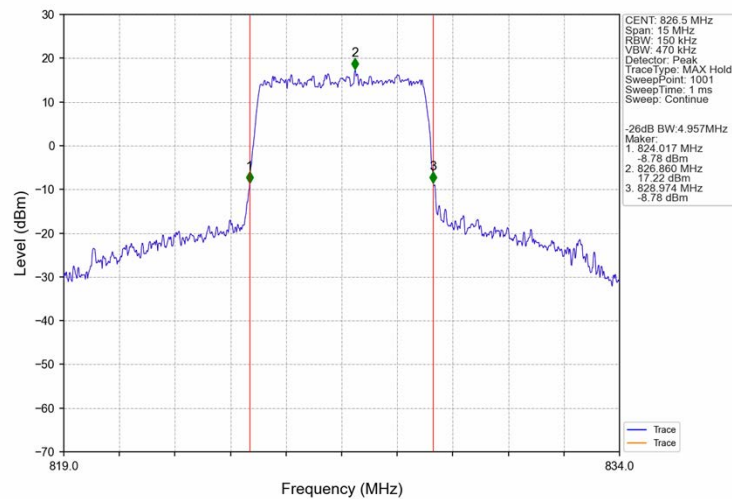


241121030FW6

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

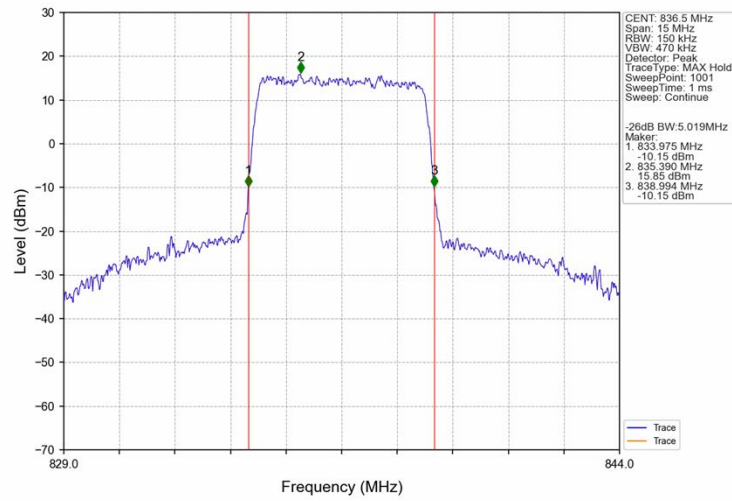


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

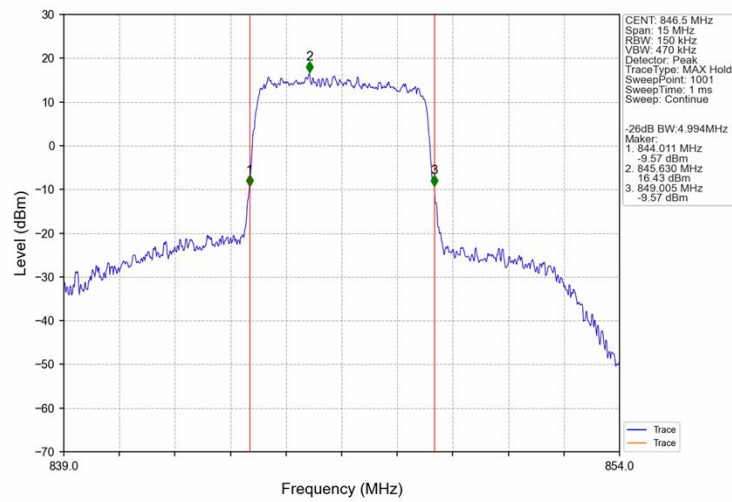


241121030FW6

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

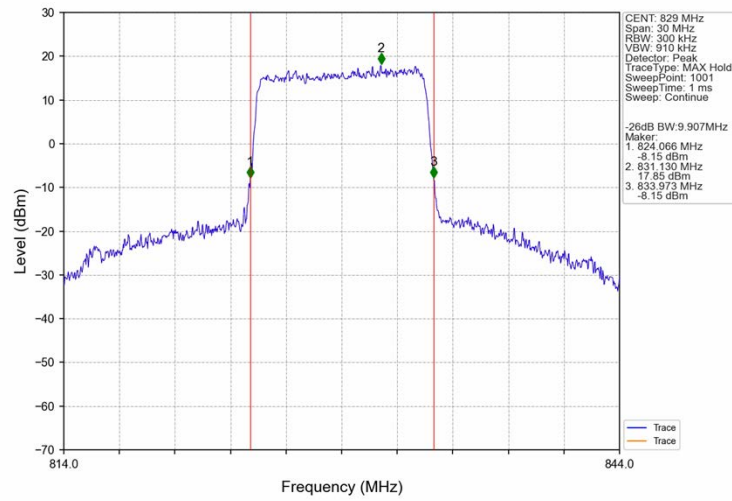


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

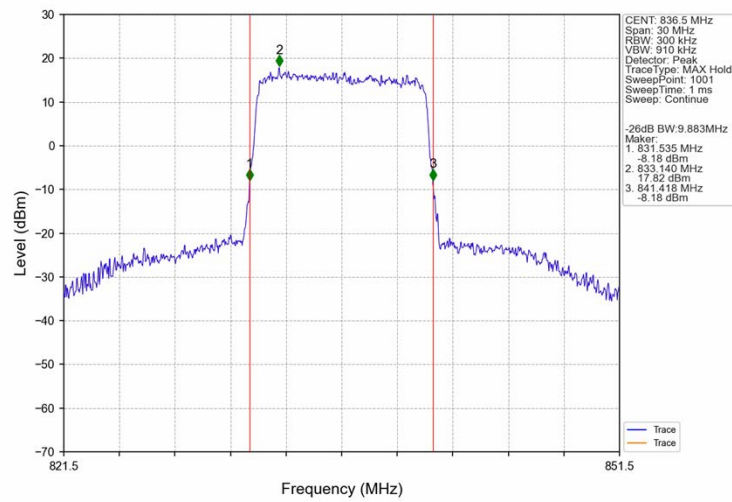


241121030FW6

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

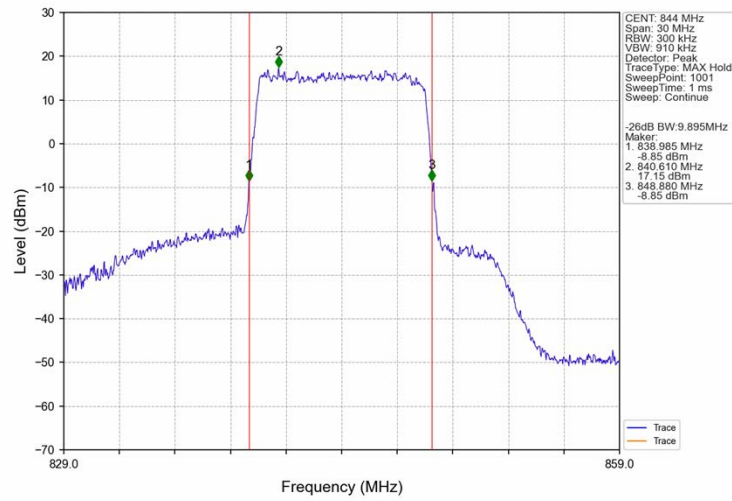


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

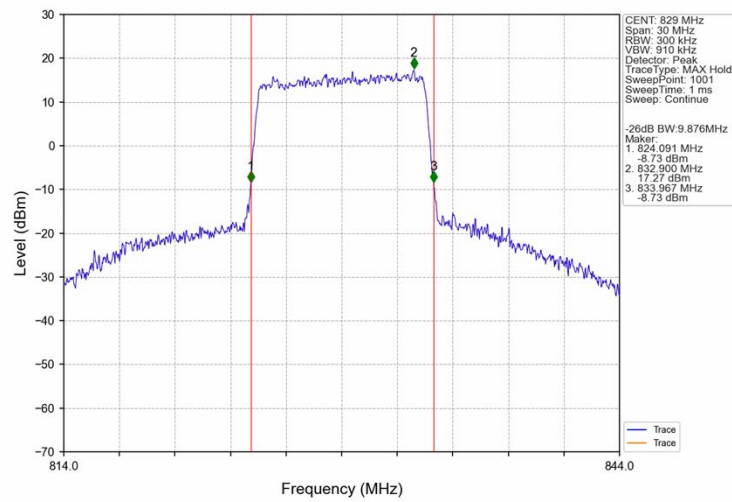


241121030FW6

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

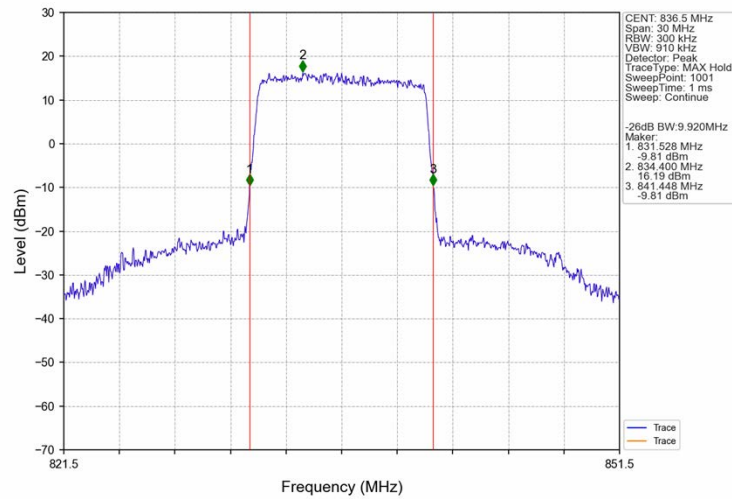


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

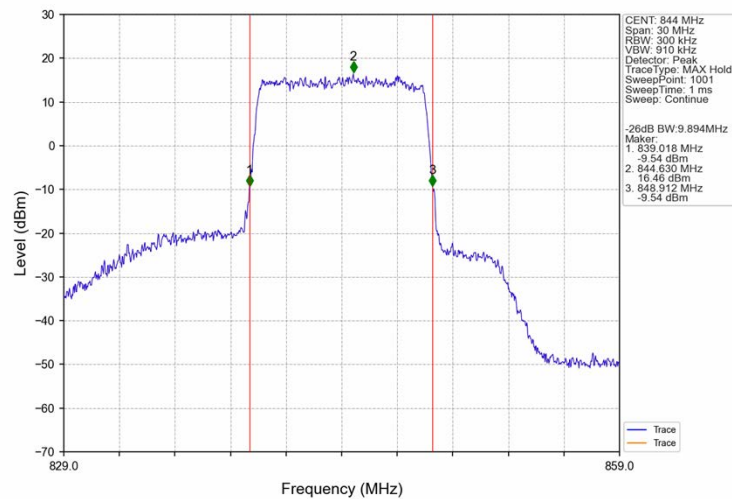


241121030FW6

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.48	<=13	Pass
	836.5	6	0	5.82	<=13	Pass
	848.3	6	0	5.38	<=13	Pass
16QAM	824.7	6	0	6.26	<=13	Pass
	836.5	6	0	6.61	<=13	Pass
	848.3	6	0	6.30	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.50	<=13	Pass
	836.5	15	0	5.78	<=13	Pass
	847.5	15	0	5.65	<=13	Pass
16QAM	825.5	15	0	6.31	<=13	Pass
	836.5	15	0	6.65	<=13	Pass
	847.5	15	0	6.52	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.54	<=13	Pass
	836.5	25	0	5.85	<=13	Pass
	846.5	25	0	5.68	<=13	Pass
16QAM	826.5	25	0	6.29	<=13	Pass
	836.5	25	0	6.60	<=13	Pass
	846.5	25	0	6.42	<=13	Pass

5.1.4 B5_10MHz

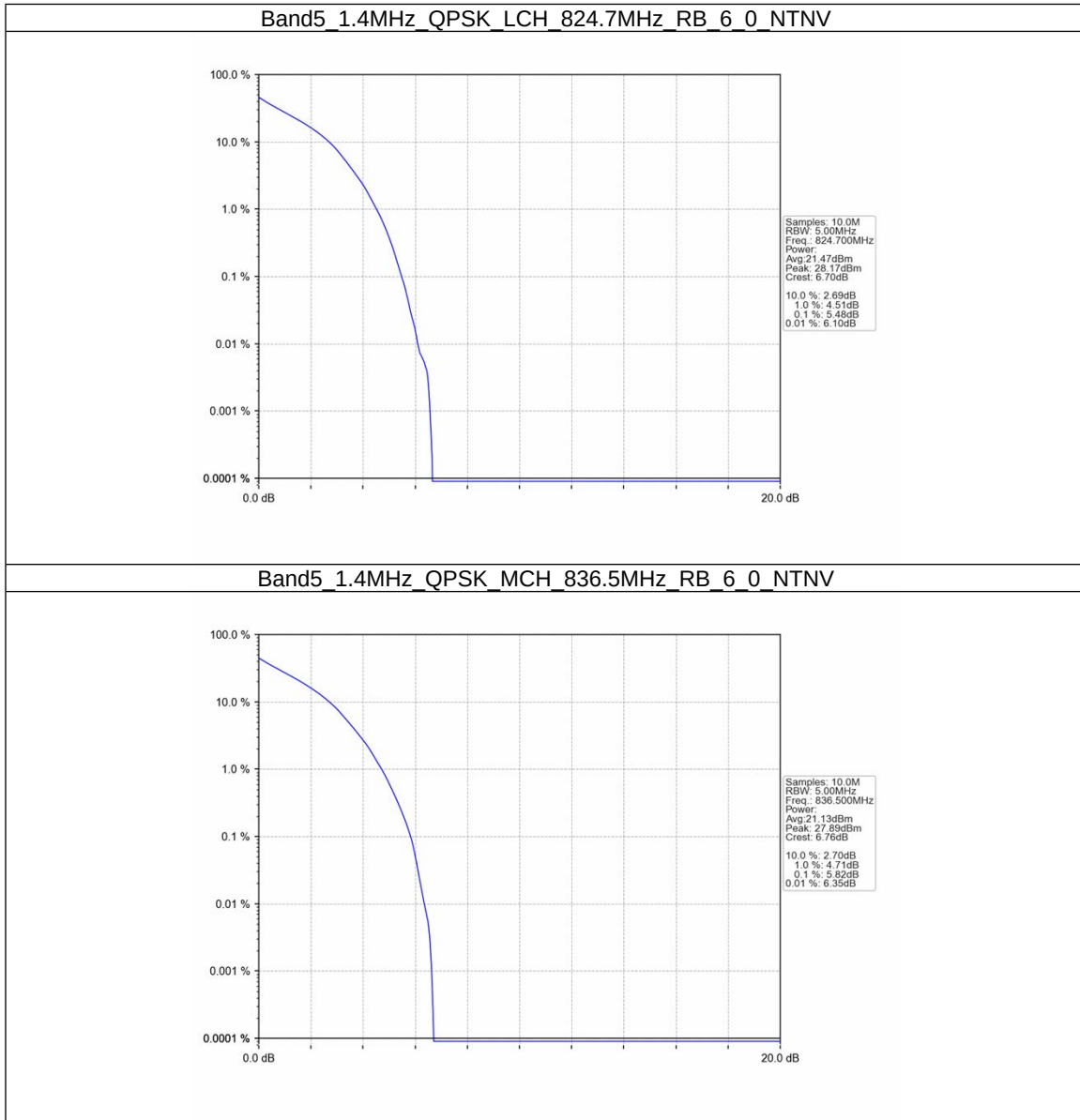
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.51	<=13	Pass
	836.5	50	0	5.71	<=13	Pass
	844	50	0	5.70	<=13	Pass
16QAM	829	50	0	6.30	<=13	Pass
	836.5	50	0	6.50	<=13	Pass
	844	50	0	6.52	<=13	Pass



241121030FW6

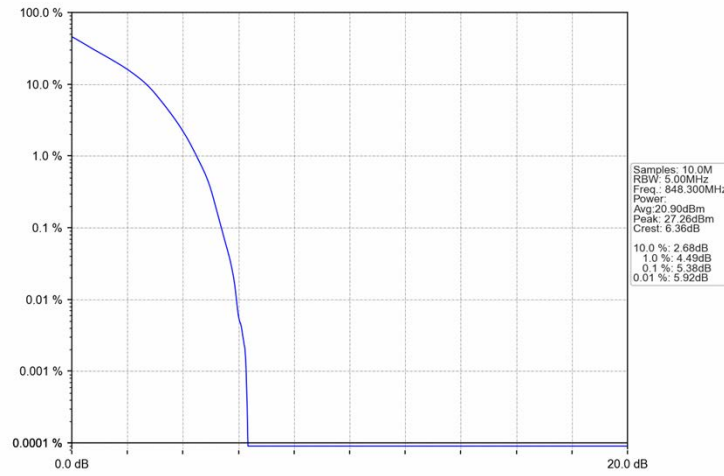
5.2 Test Graph

5.2.1 B5_1.4MHz

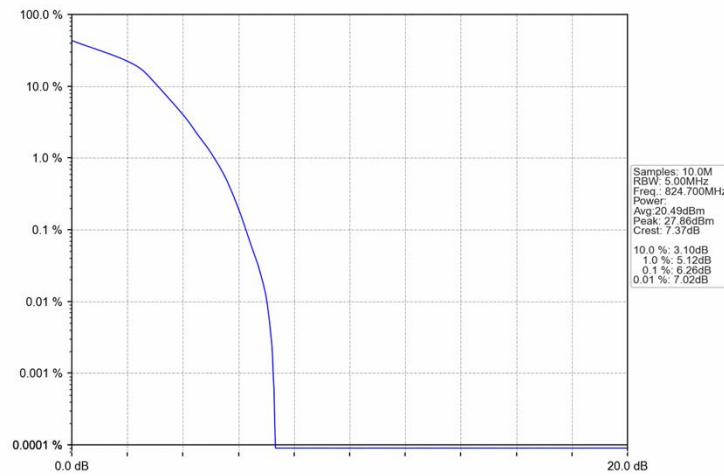


241121030FW6

Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV



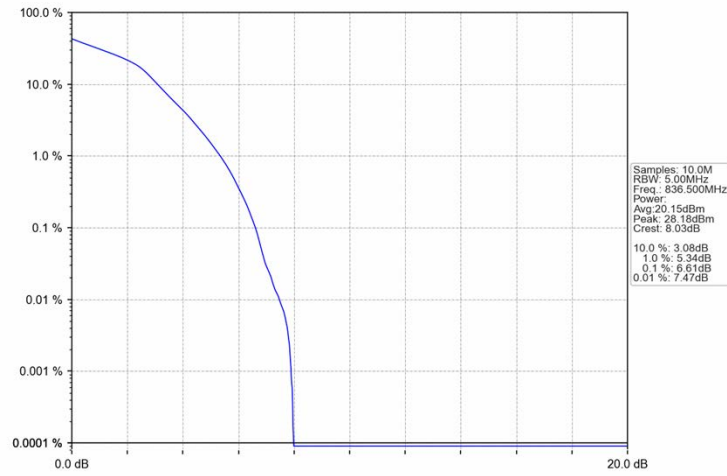
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6.0 NTNV



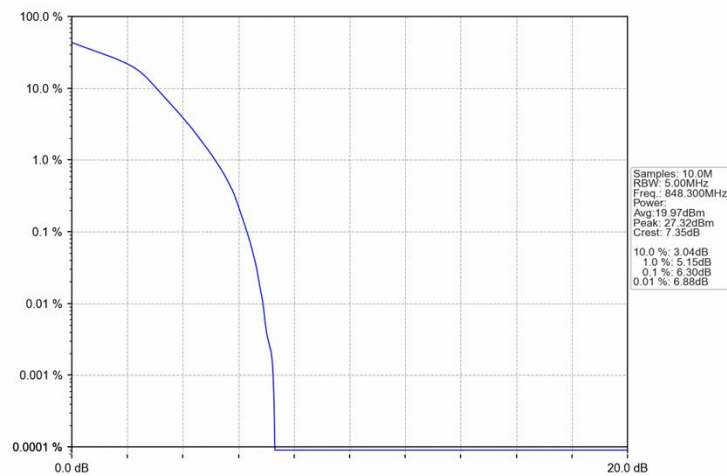


241121030FW6

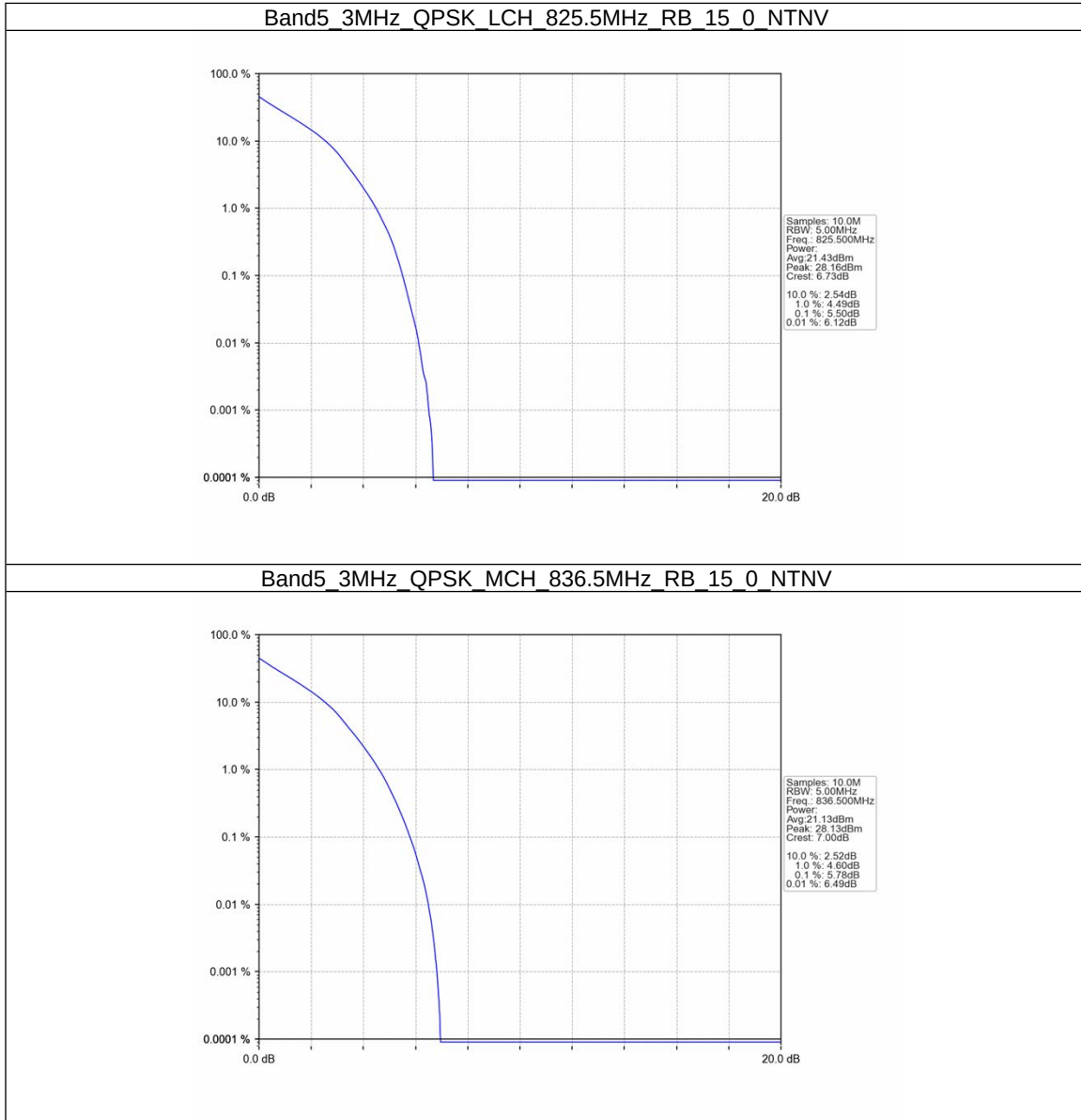
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

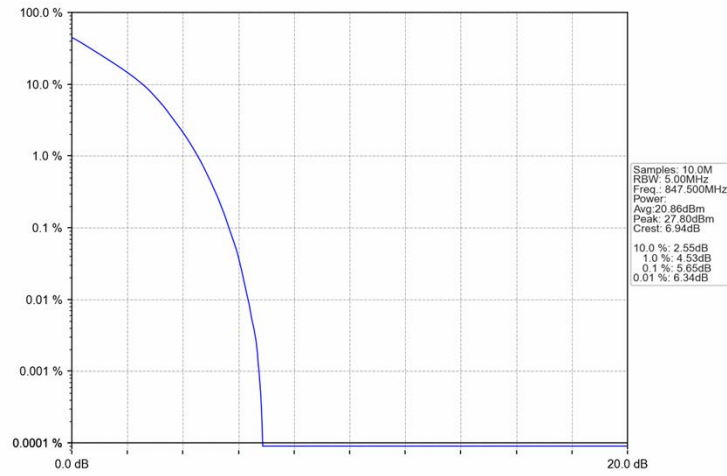


5.2.2 B5_3MHz

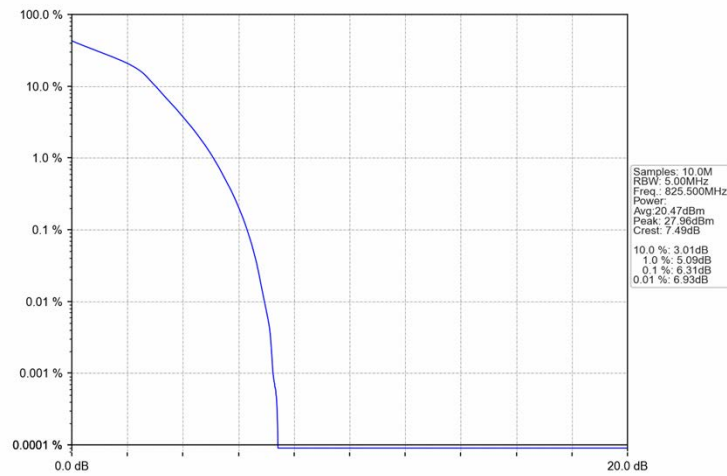


241121030FW6

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

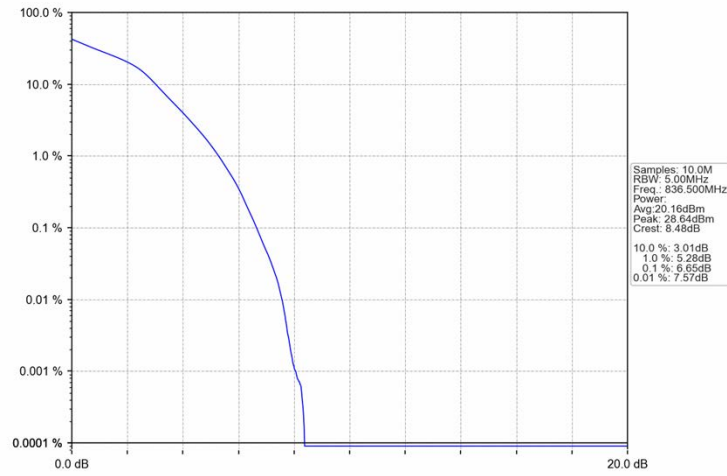


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

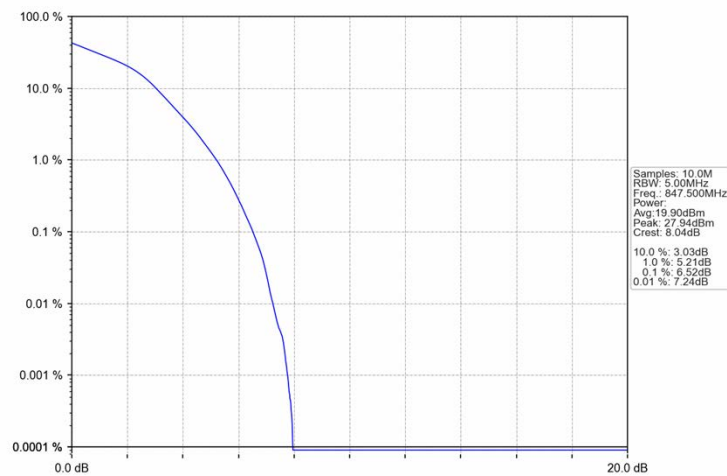


241121030FW6

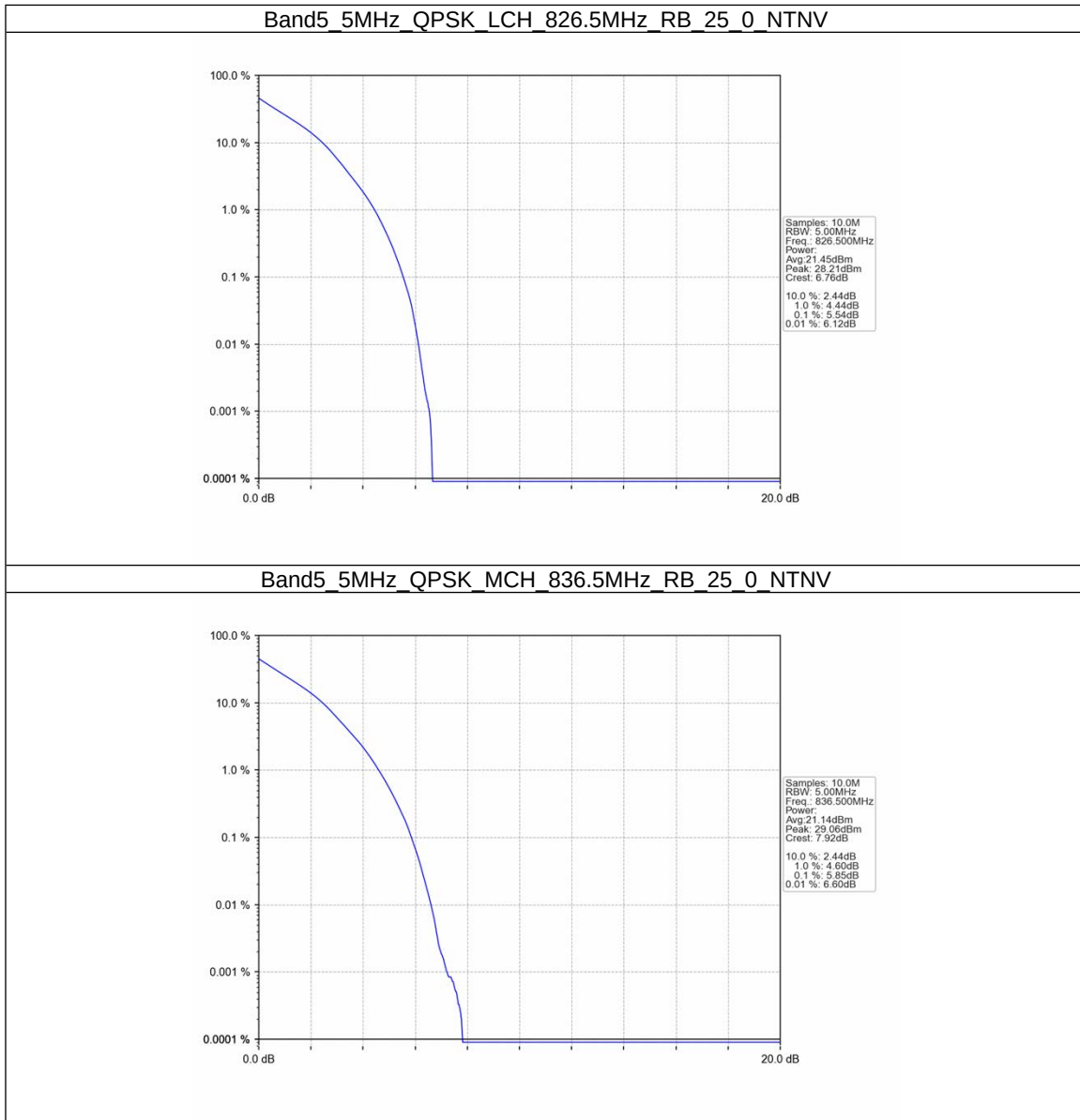
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



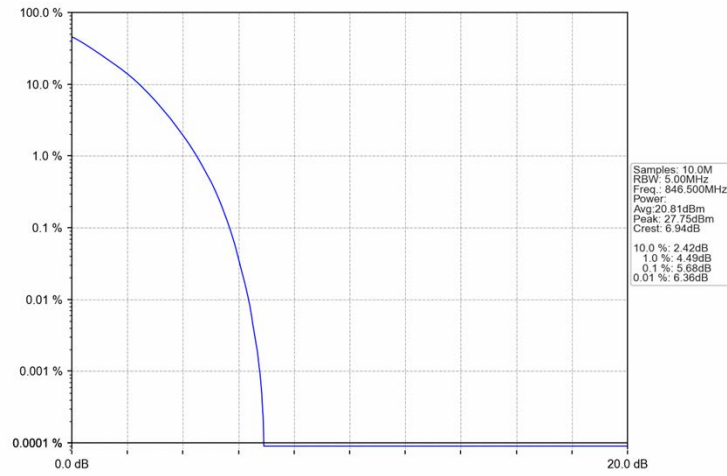
5.2.3 B5_5MHz



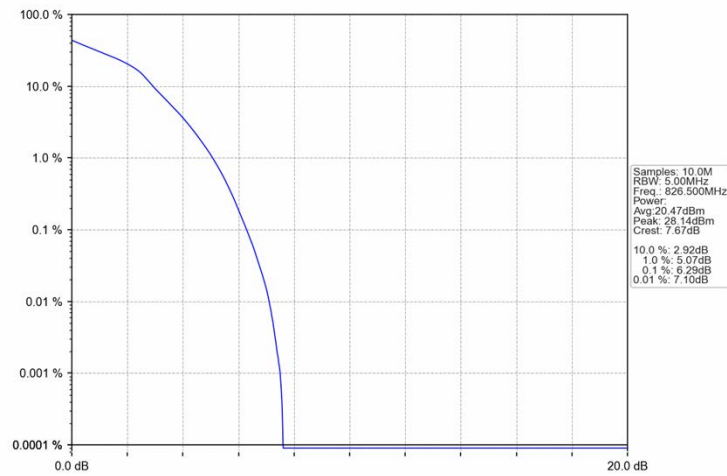


241121030FW6

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

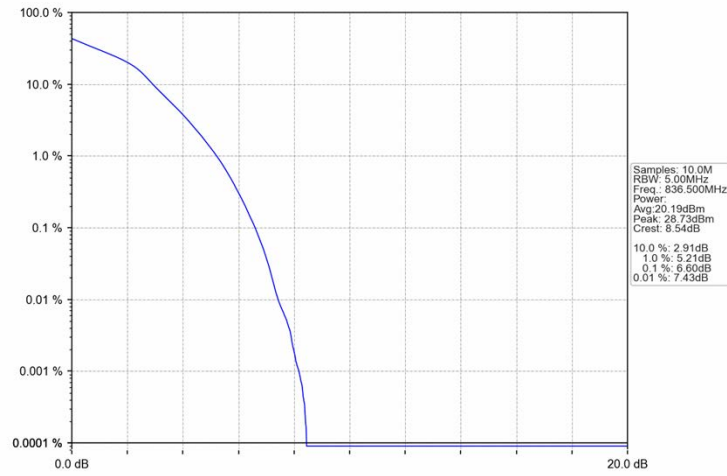


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

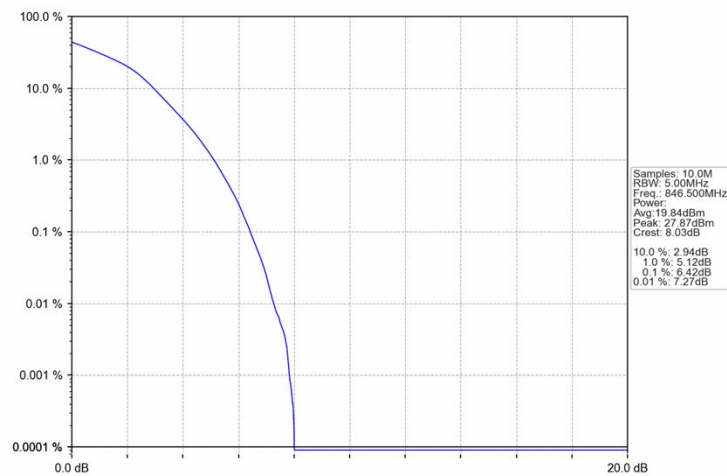


241121030FW6

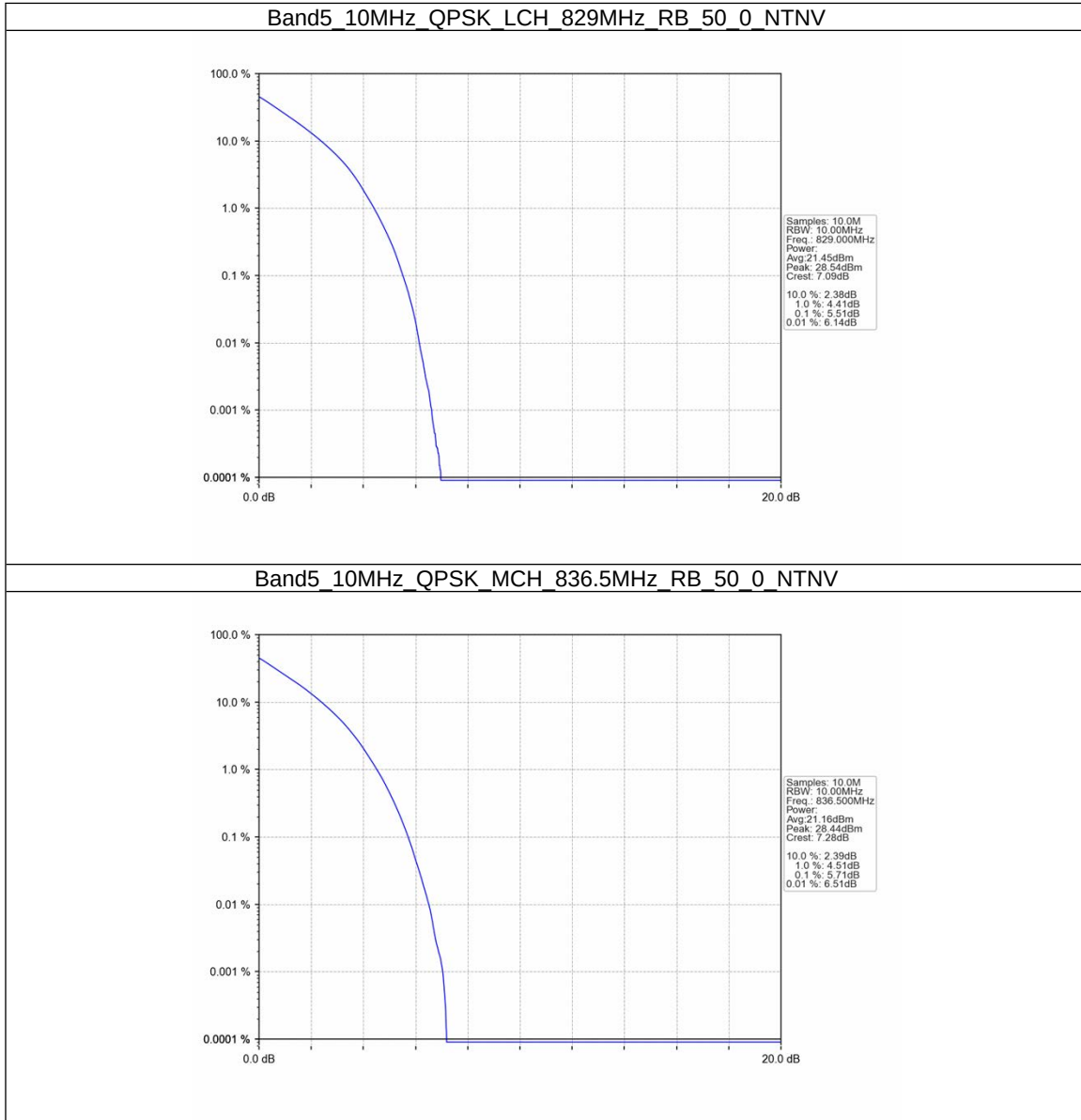
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

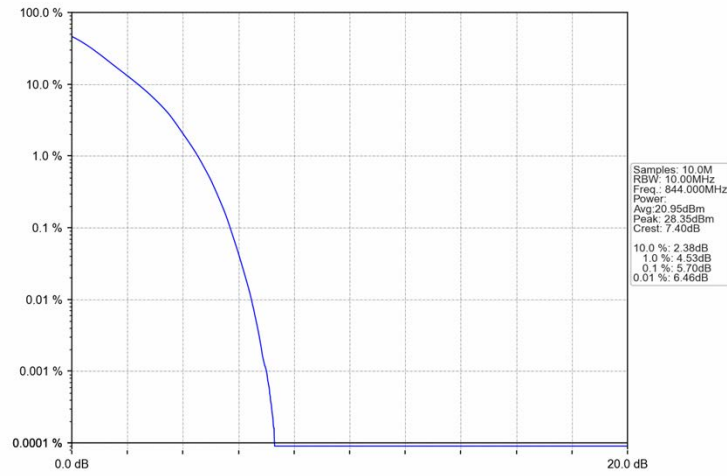


5.2.4 B5_10MHz

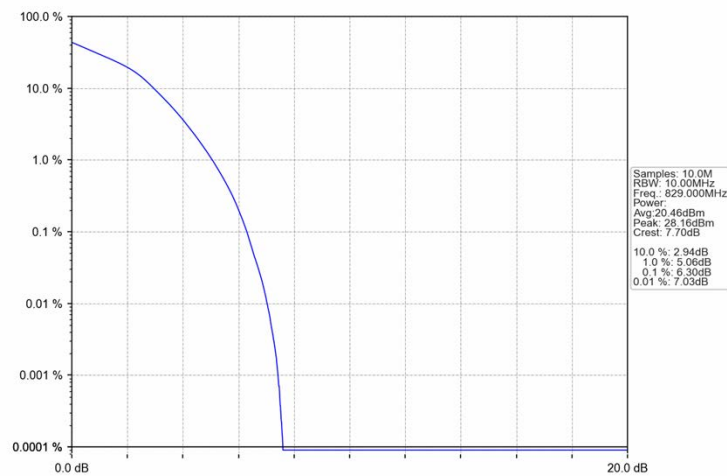


241121030FW6

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

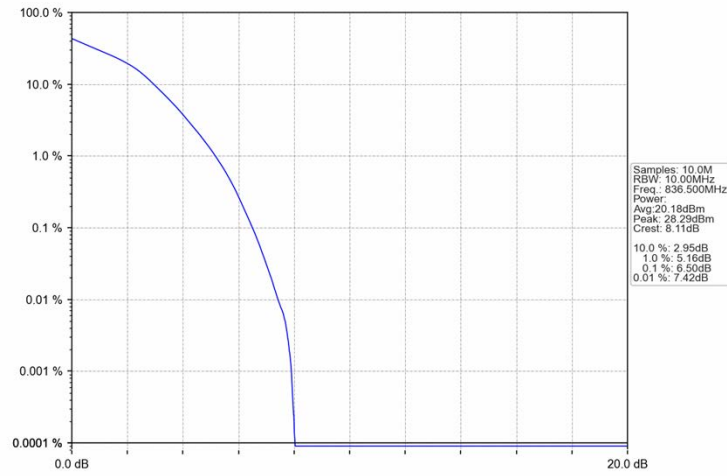


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

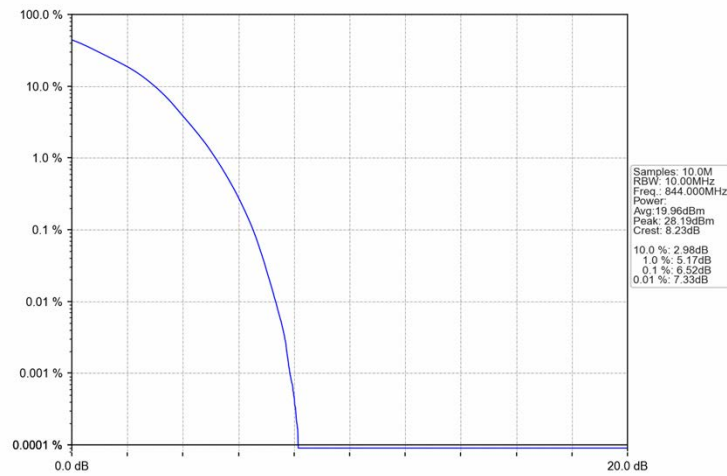


241121030FW6

Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	824.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	825.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	826.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	826.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

241121030FW6

	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

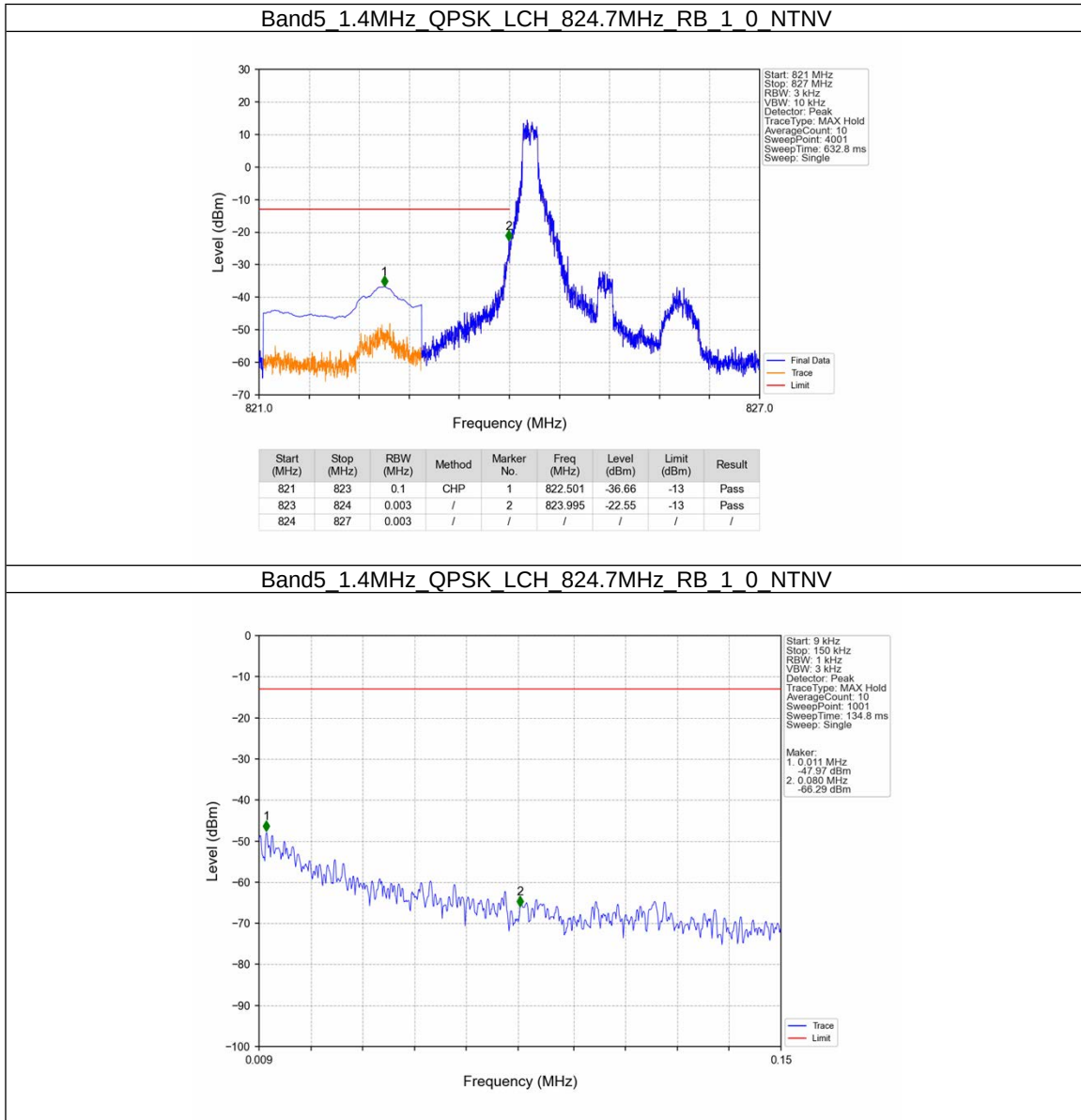
6.1.4 B5_10MHz

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
16QAM	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

241121030FW6

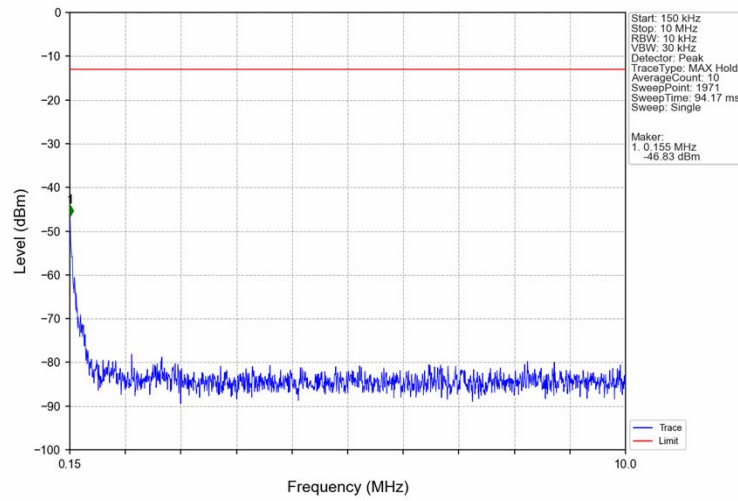
6.2 Test Graph

6.2.1 B5_1.4MHz

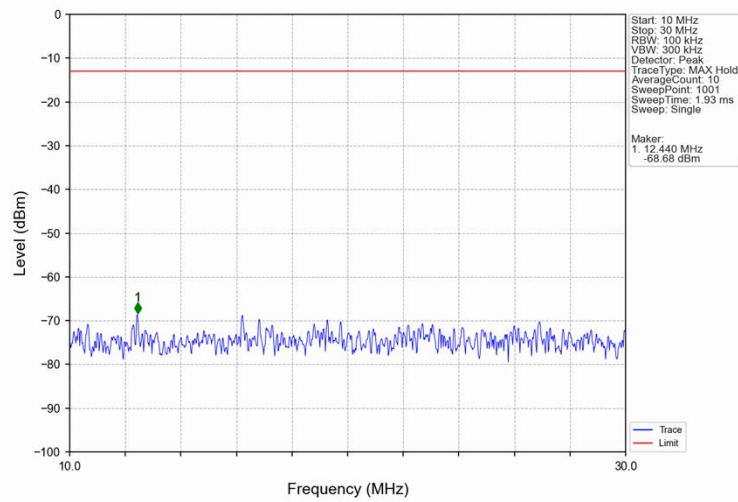


241121030FW6

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

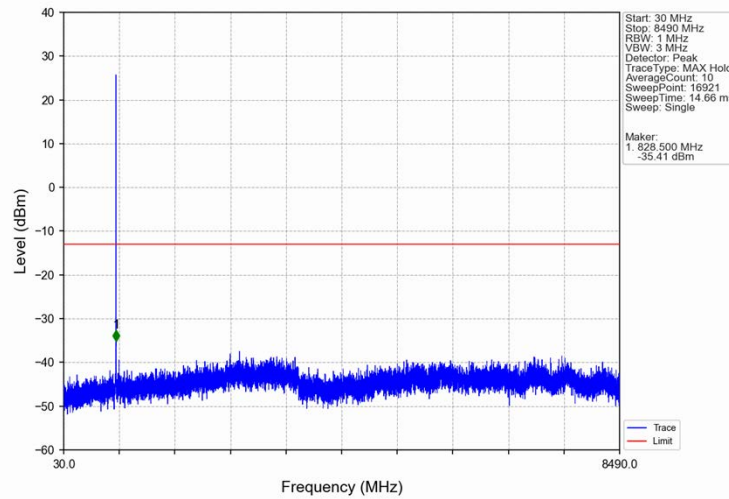


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

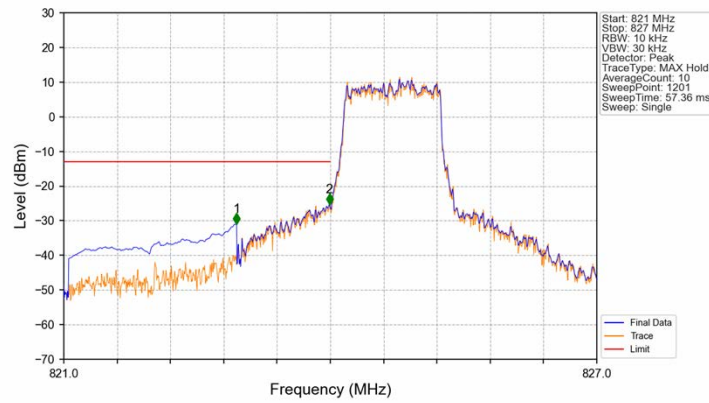


241121030FW6

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



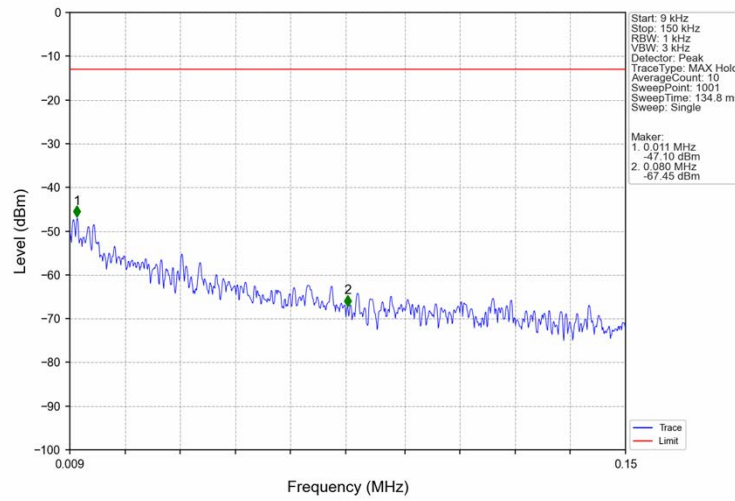
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



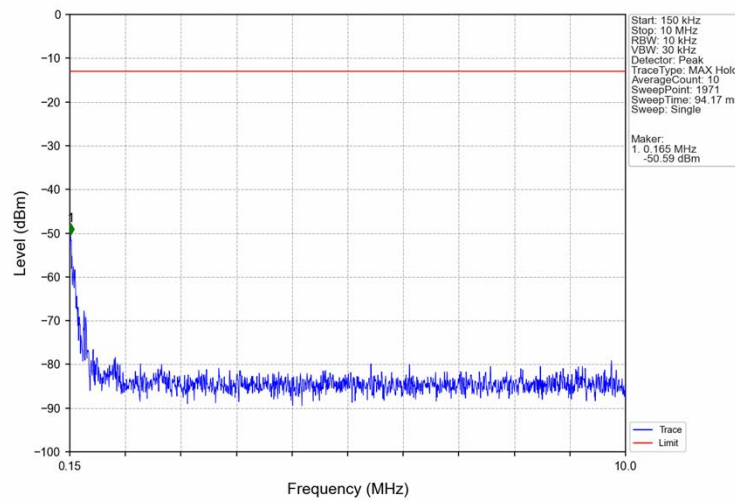
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-30.94	-13	Pass
823	824	0.013	CHP	2	823.990	-25.36	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

241121030FW6

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



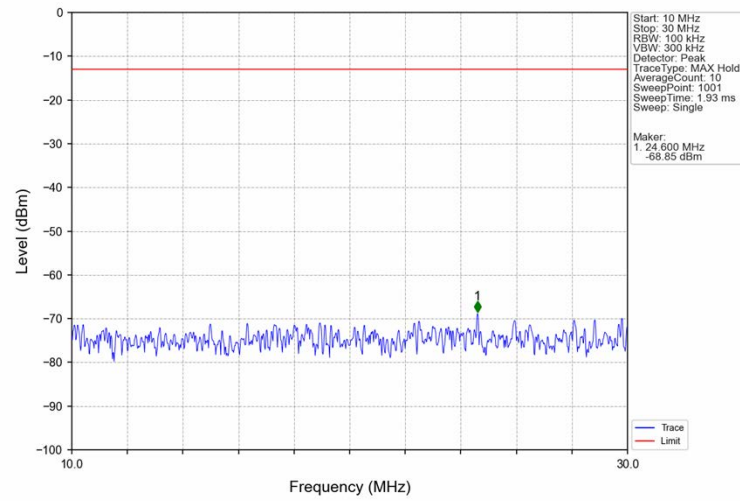
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



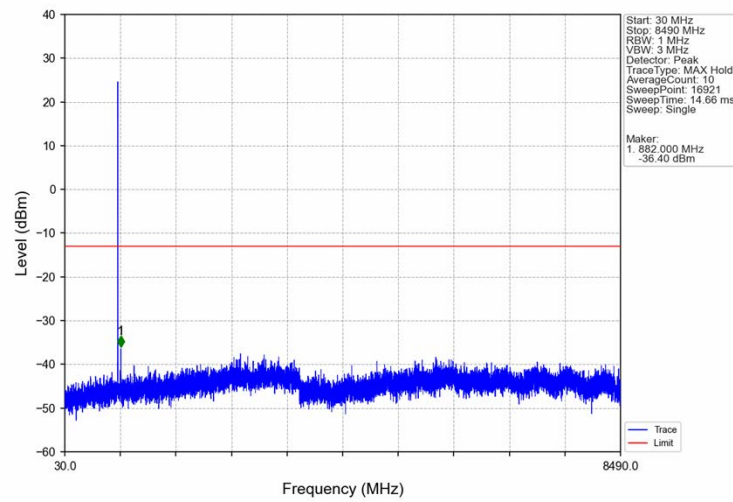


241121030FW6

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

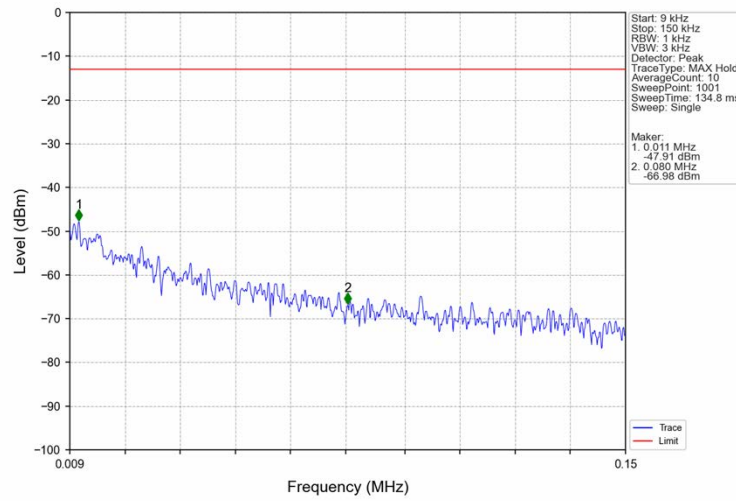


Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

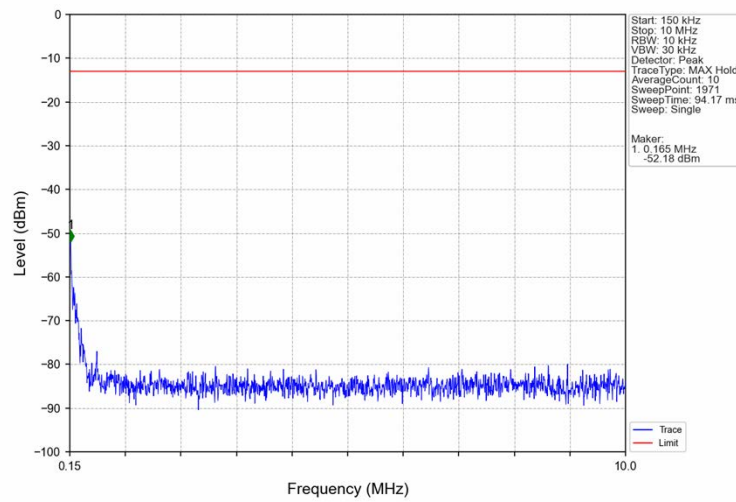


241121030FW6

Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

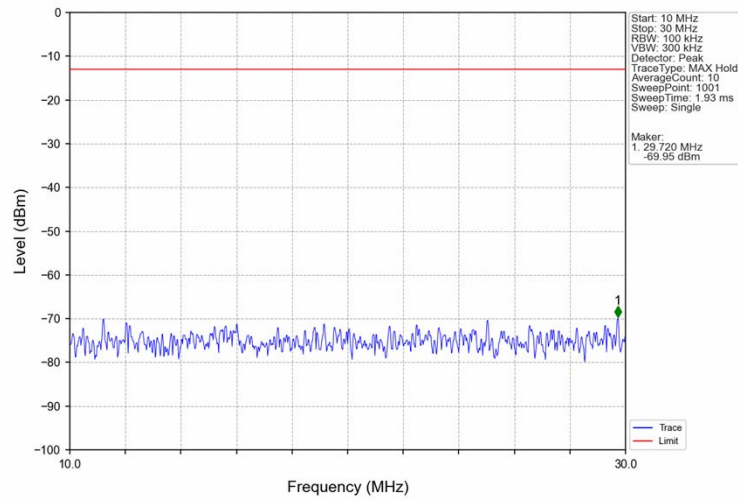


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

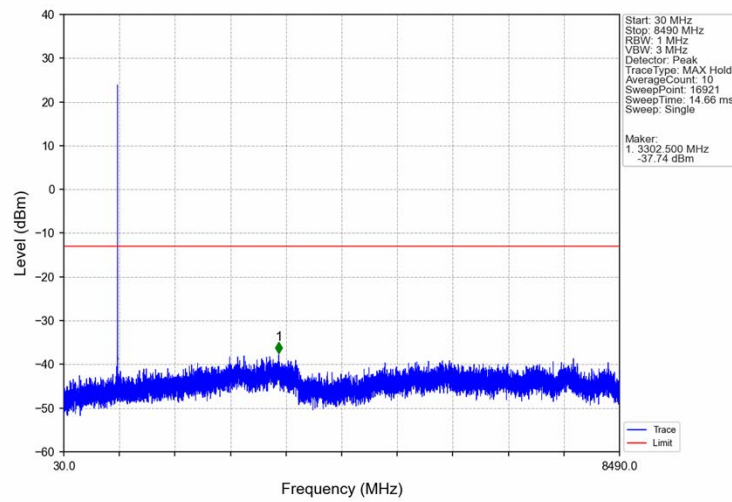


241121030FW6

Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

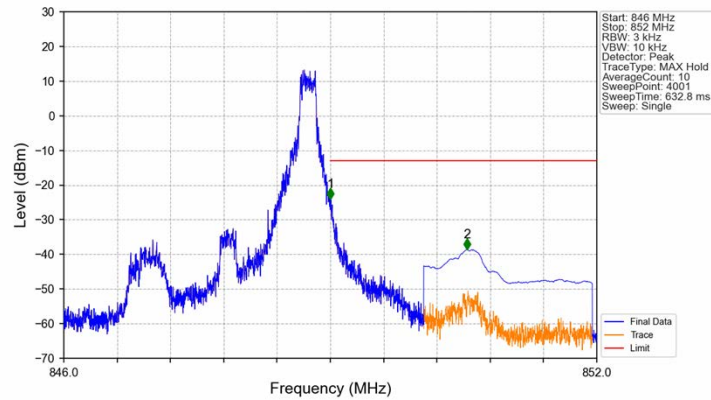


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



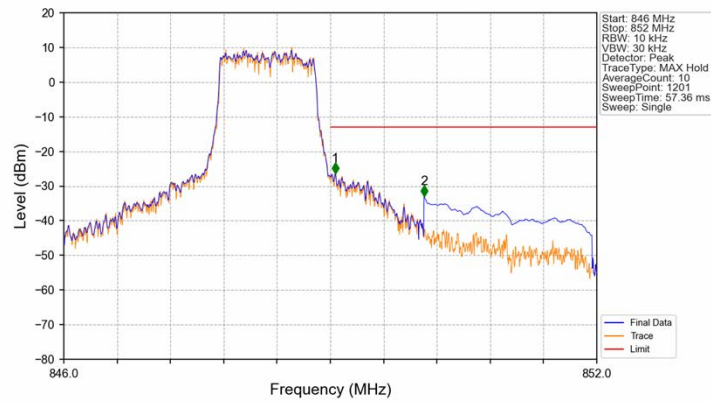
241121030FW6

Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-24.03	-13	Pass
850	852	0.1	CHP	2	850.539	-38.54	-13	Pass

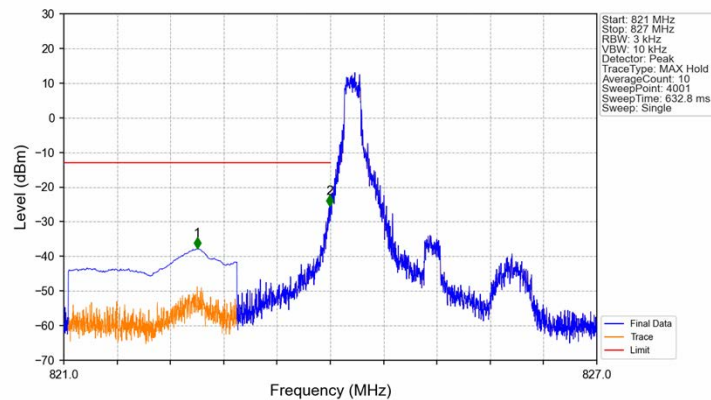
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



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	849.055	-26.31	-13	Pass
850	852	0.1	CHP	2	850.055	-32.99	-13	Pass

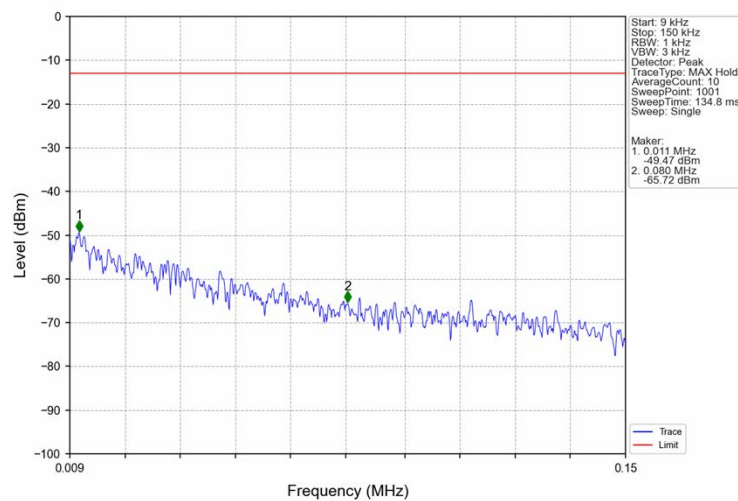
241121030FW6

Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



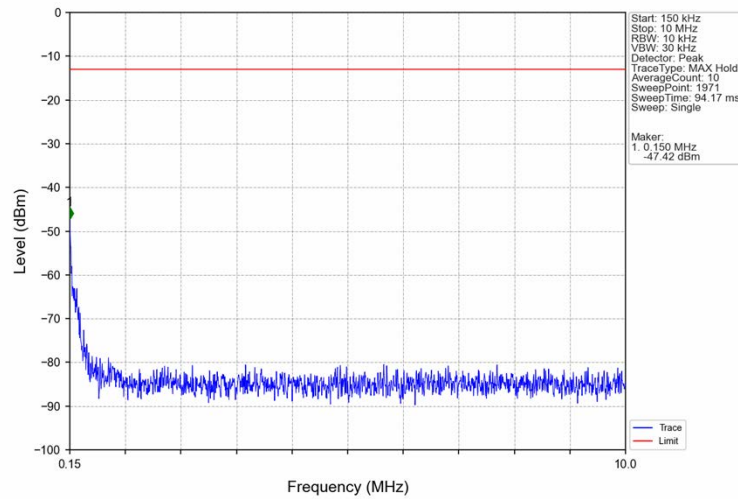
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.500	-37.77	-13	Pass
823	824	0.003	/	2	823.992	-25.51	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV

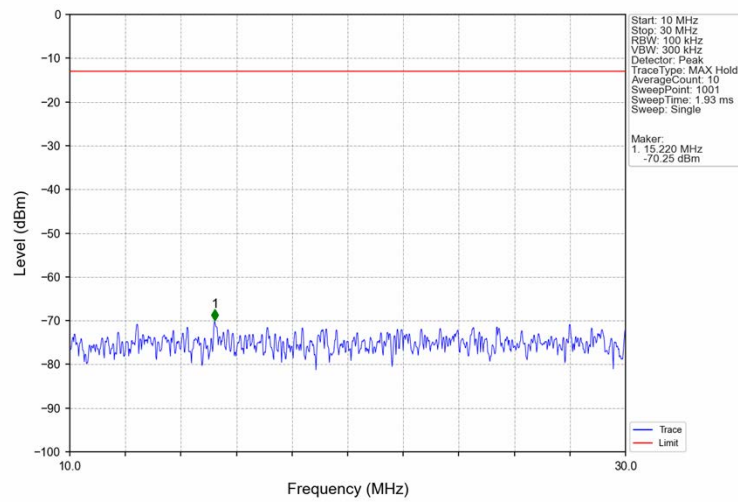


241121030FW6

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

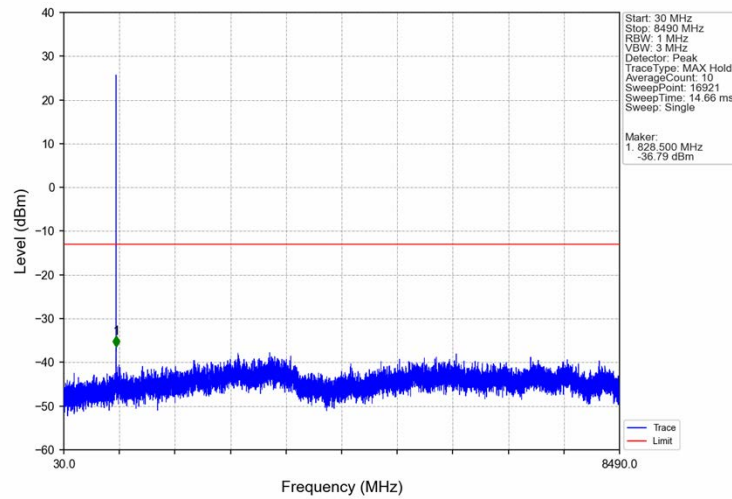


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

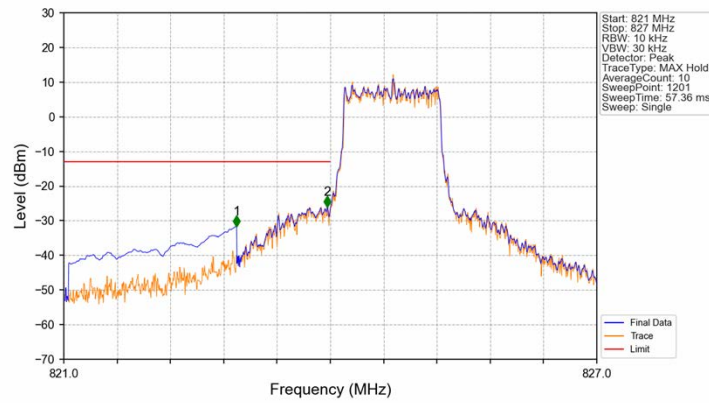


241121030FW6

Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



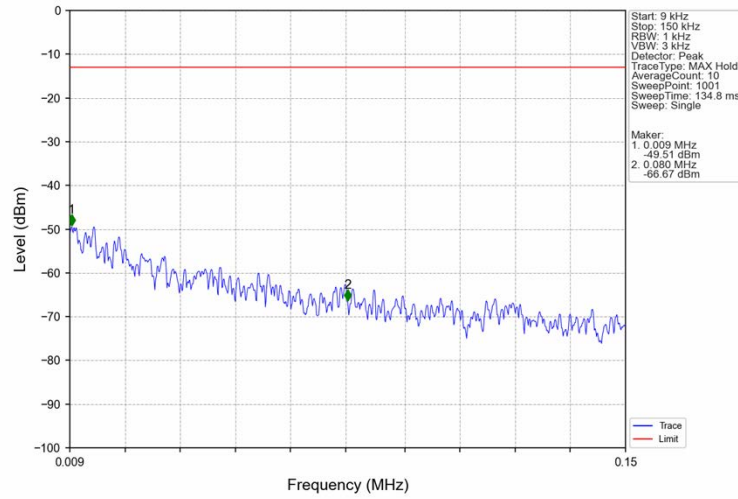
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



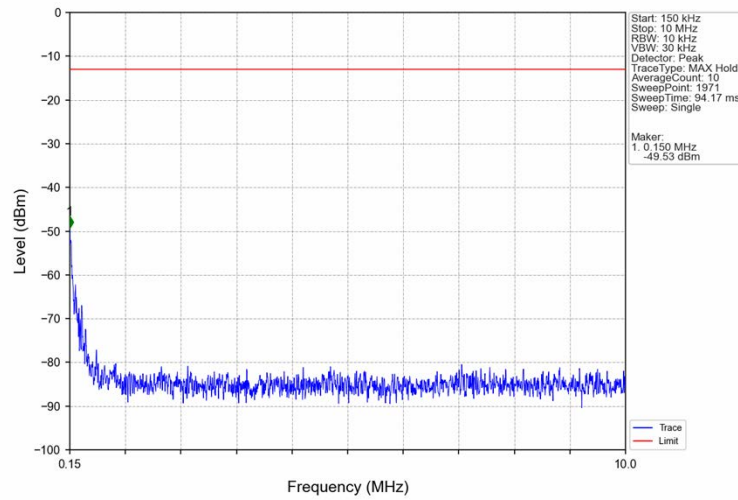
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-31.62	-13	Pass
823	824	0.013	CHP	2	823.965	-26.11	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

241121030FW6

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



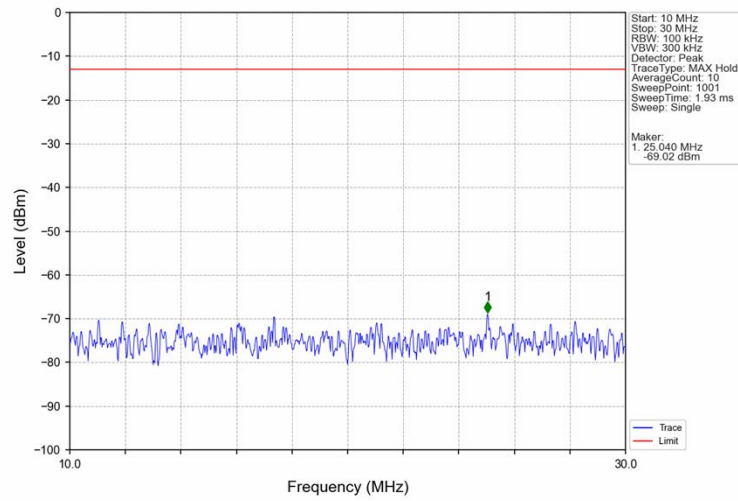
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



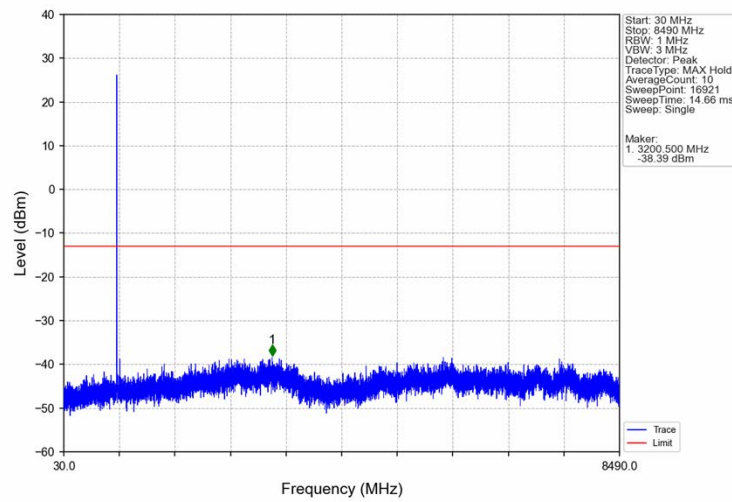


241121030FW6

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

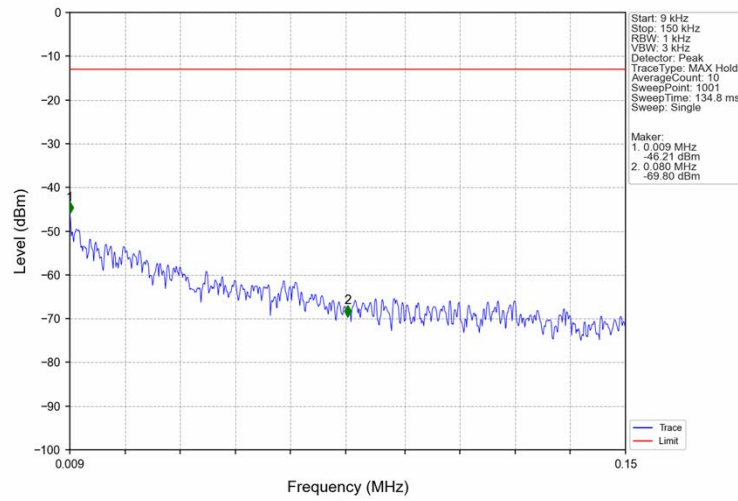


Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

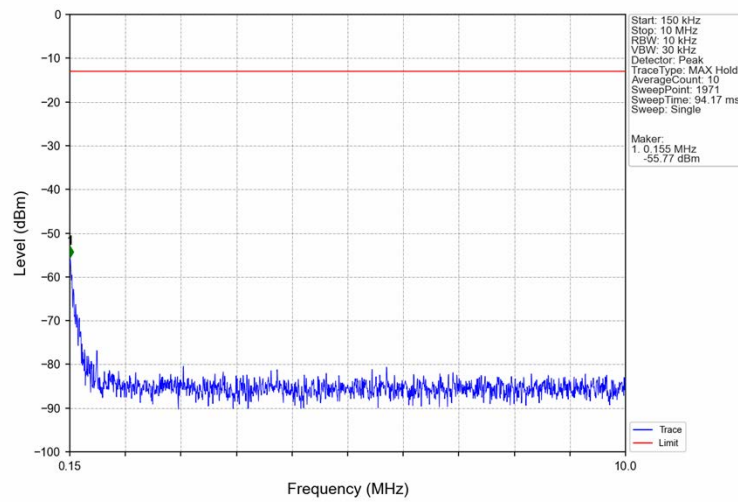


241121030FW6

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

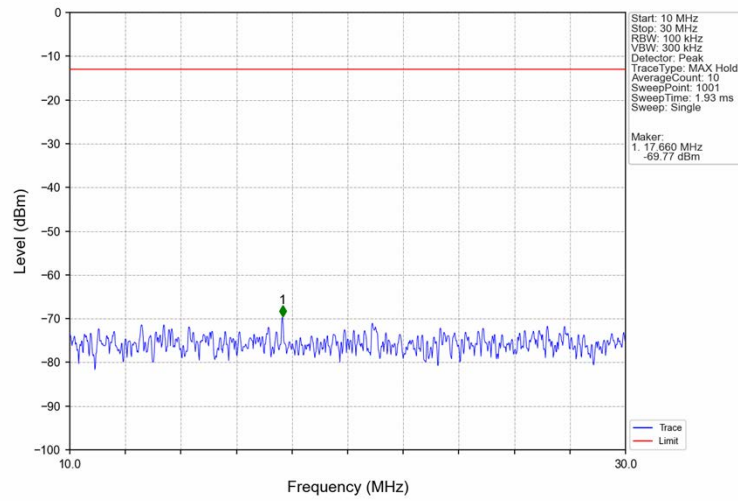


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

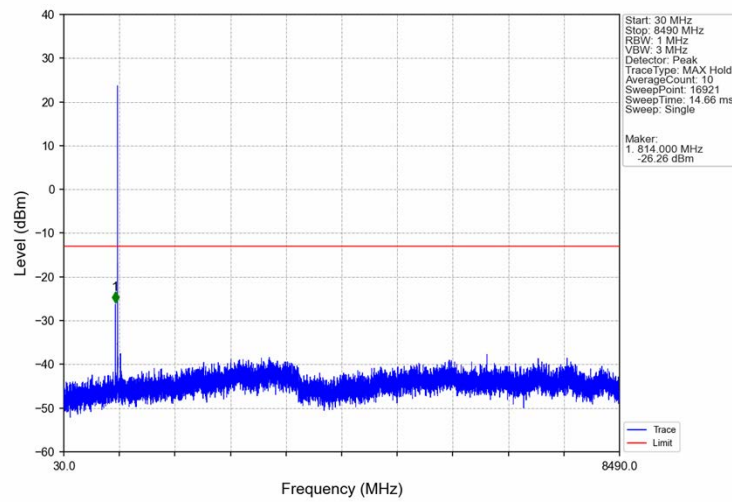


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Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

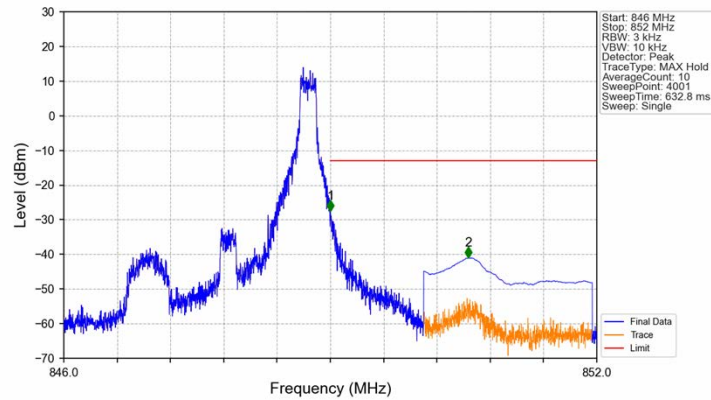


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



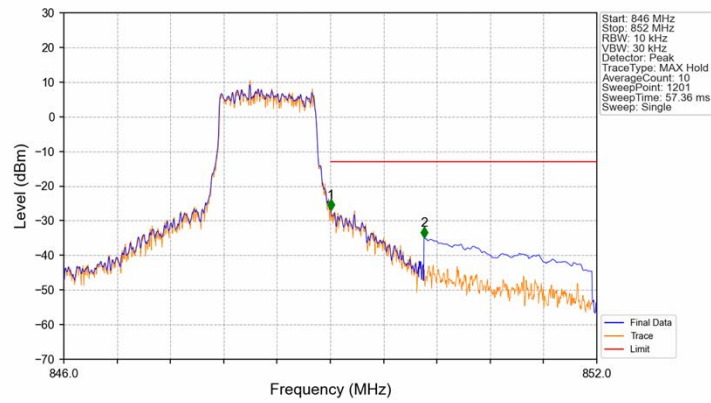
241121030FW6

Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTV



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	-27.53	-13	Pass
850	852	0.1	CHP	2	850.553	-40.97	-13	Pass

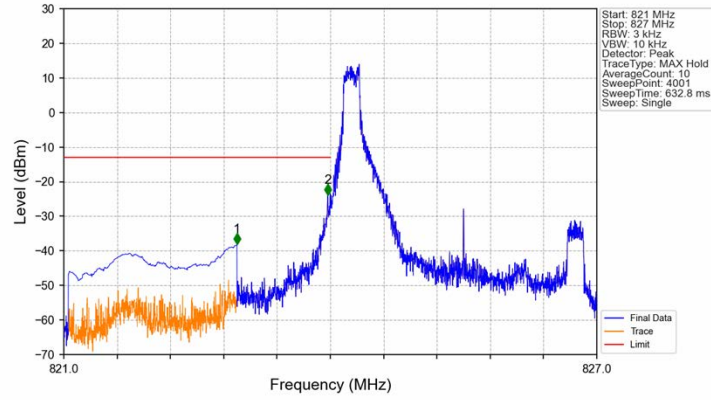
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTV



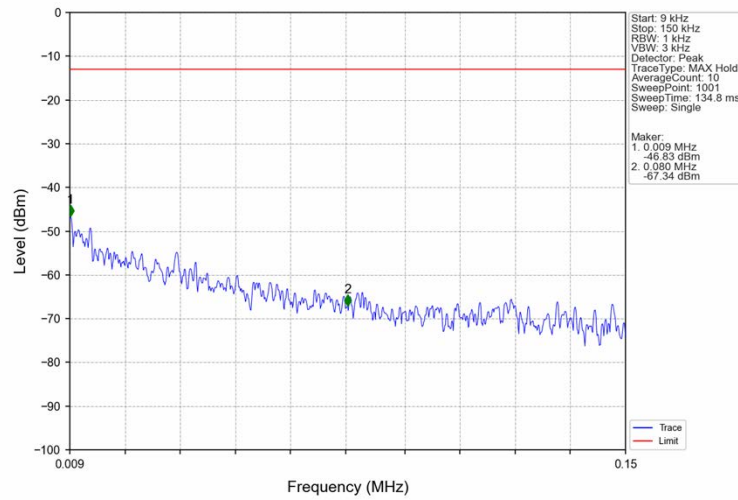
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-26.96	-13	Pass
850	852	0.1	CHP	2	850.055	-34.89	-13	Pass

6.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

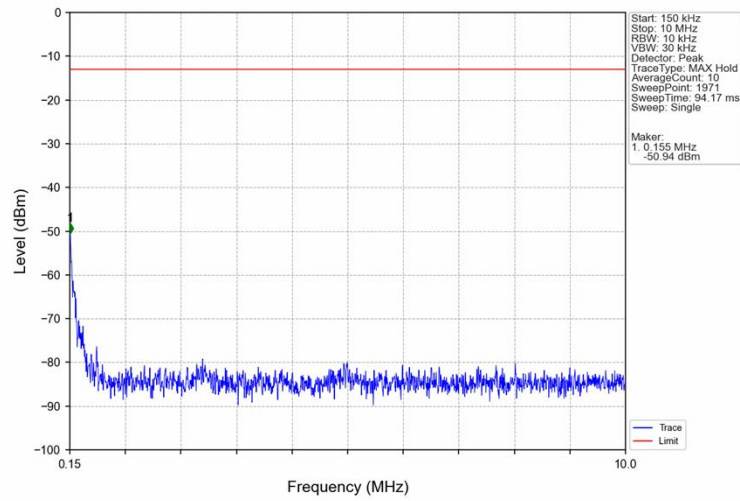


Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

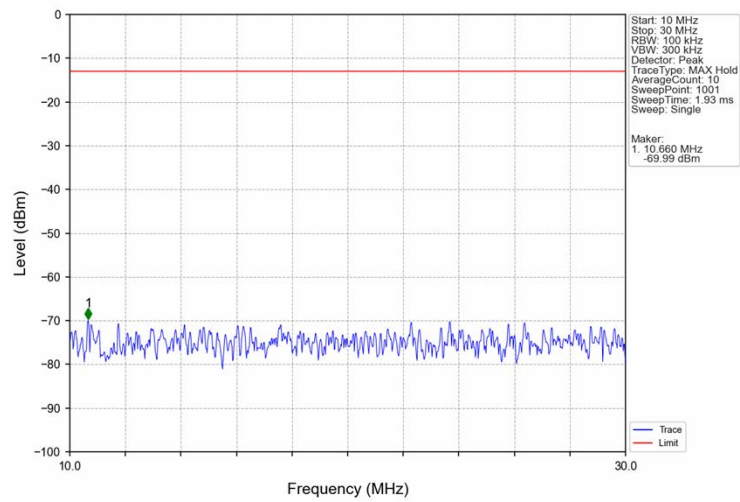


241121030FW6

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

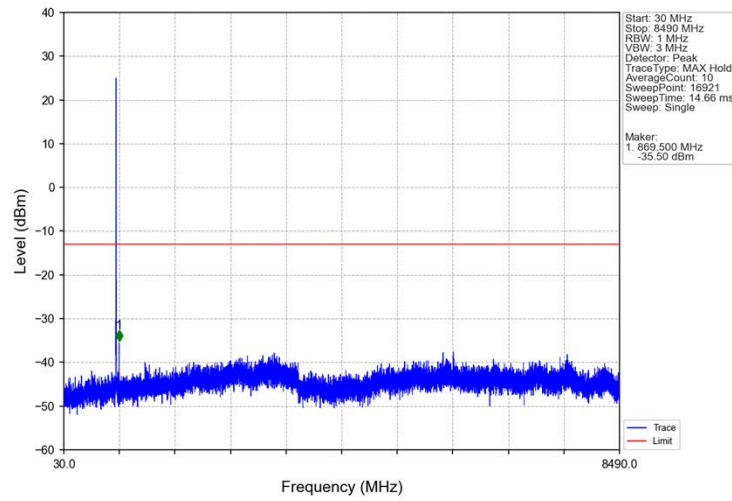


Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

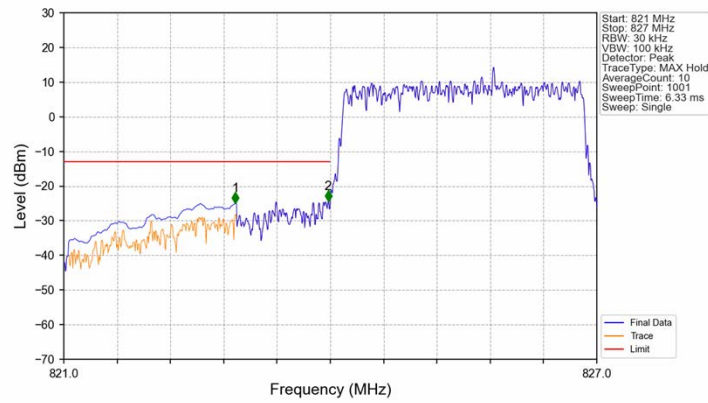


241121030FW6

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



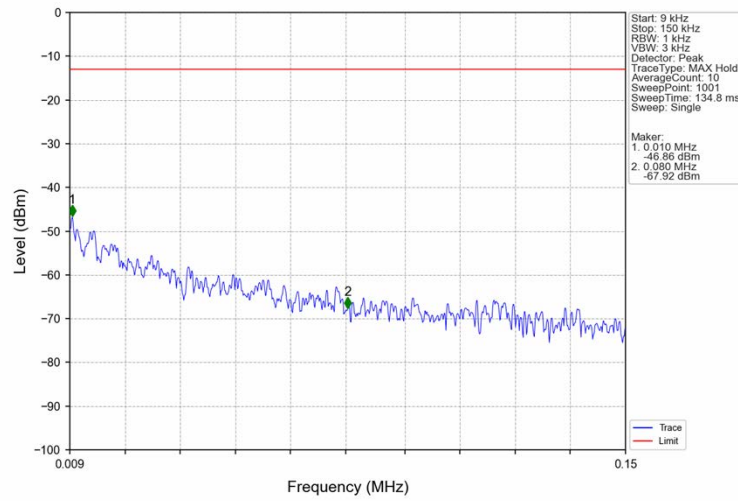
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



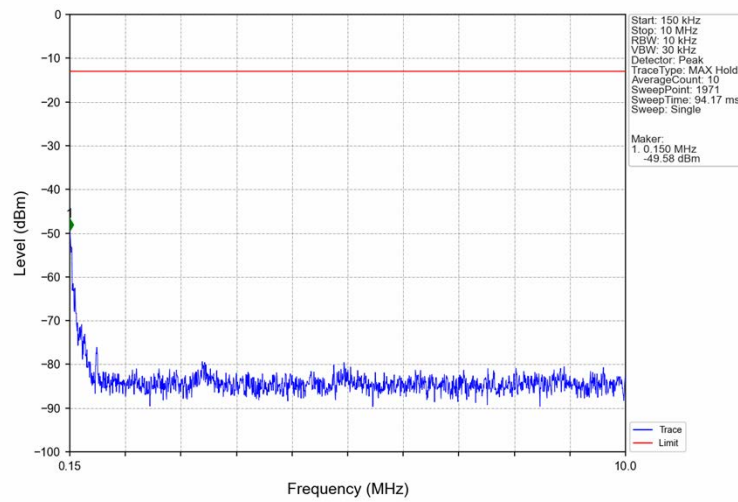
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.932	-24.96	-13	Pass
823	824	0.03	/	2	823.976	-24.38	-13	Pass
824	827	0.03	/	/	/	/	/	/

241121030FW6

Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

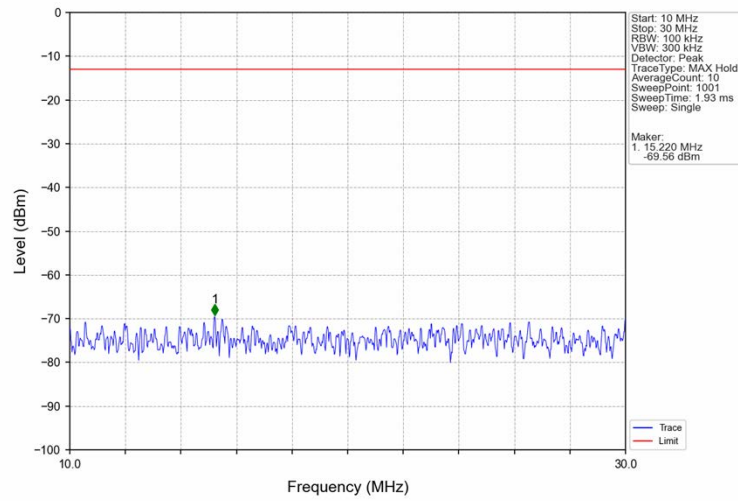


Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

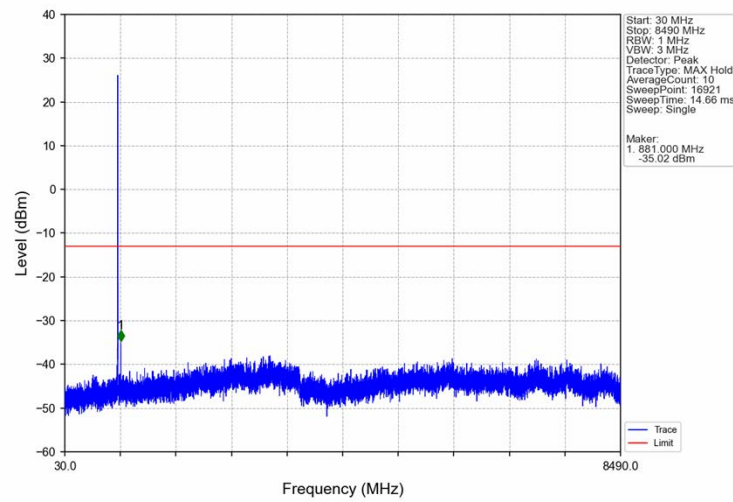


241121030FW6

Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

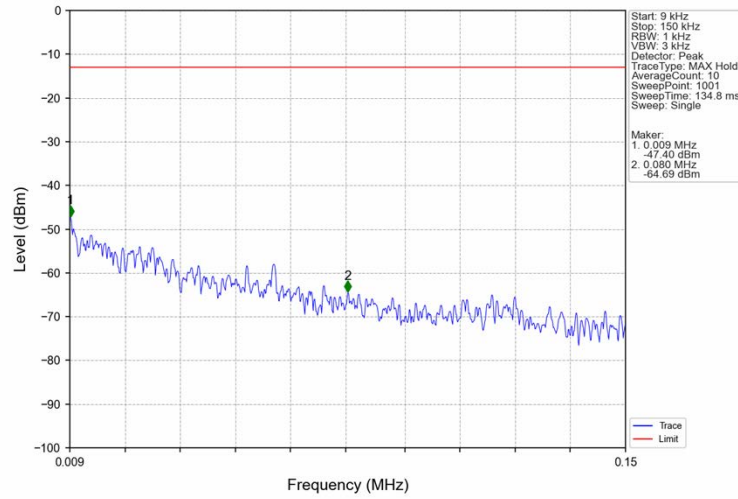


Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

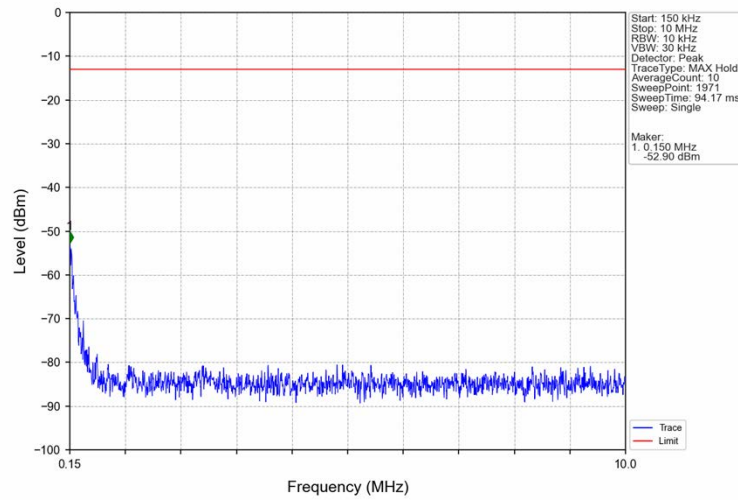


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Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

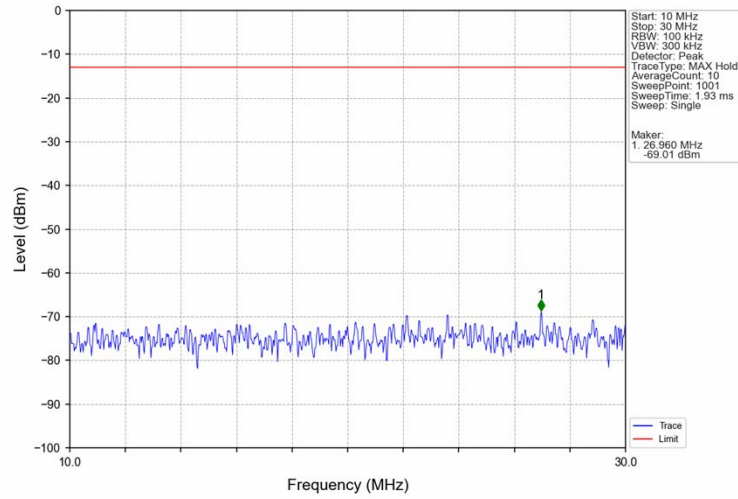


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

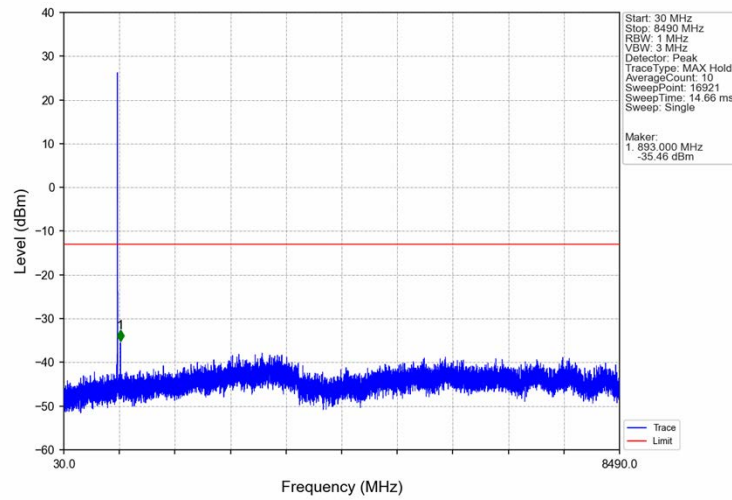


241121030FW6

Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

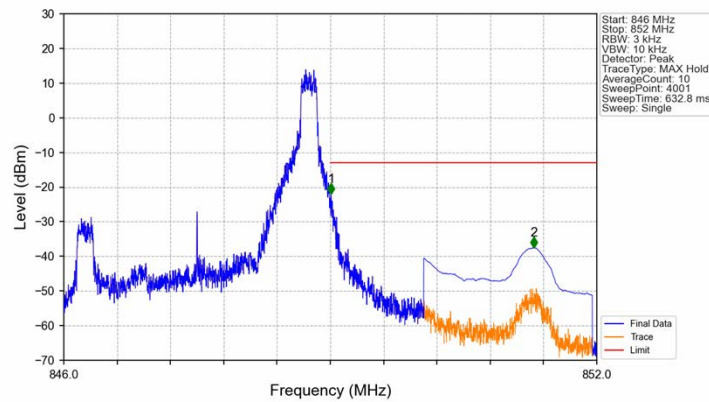


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



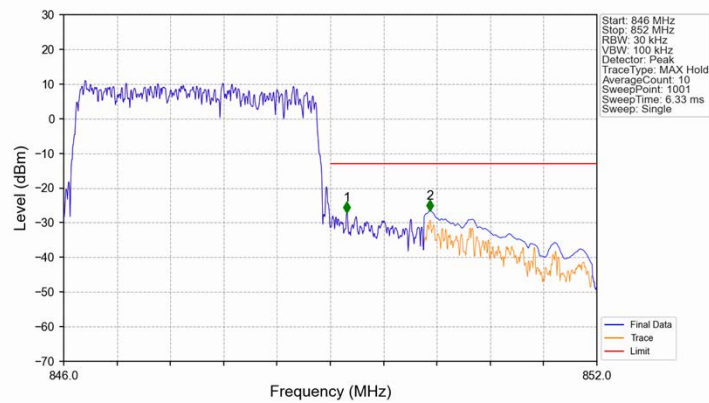
241121030FW6

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	849.009	-21.99	-13	Pass
850	852	0.1	CHP	2	851.293	-37.51	-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	849.186	-27.18	-13	Pass
850	852	0.1	CHP	2	850.122	-26.57	-13	Pass