

Appendix - band_5

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	21.49	-0.38	18.96	<=34.77	Pass
			2	21.47	-0.38	18.94	<=34.77	Pass
			5	21.47	-0.38	18.94	<=34.77	Pass
		3	0	21.55	-0.38	19.02	<=34.77	Pass
			2	21.44	-0.38	18.91	<=34.77	Pass
			3	21.43	-0.38	18.90	<=34.77	Pass
		6	0	20.45	-0.38	17.92	<=34.77	Pass
	836.5	1	0	21.74	-0.38	19.21	<=34.77	Pass
			2	21.82	-0.38	19.29	<=34.77	Pass
			5	21.86	-0.38	19.33	<=34.77	Pass
		3	0	21.78	-0.38	19.25	<=34.77	Pass
			2	21.70	-0.38	19.17	<=34.77	Pass
			3	21.75	-0.38	19.22	<=34.77	Pass
		6	0	20.75	-0.38	18.22	<=34.77	Pass
	848.3	1	0	22.10	-0.38	19.57	<=34.77	Pass
			2	22.11	-0.38	19.58	<=34.77	Pass
			5	22.13	-0.38	19.60	<=34.77	Pass
		3	0	22.08	-0.38	19.55	<=34.77	Pass
			2	22.09	-0.38	19.56	<=34.77	Pass
			3	22.11	-0.38	19.58	<=34.77	Pass
		6	0	21.08	-0.38	18.55	<=34.77	Pass
16QAM	824.7	1	0	20.55	-0.38	18.02	<=34.77	Pass
			2	20.42	-0.38	17.89	<=34.77	Pass
			5	20.44	-0.38	17.91	<=34.77	Pass
		3	0	20.20	-0.38	17.67	<=34.77	Pass
			2	20.17	-0.38	17.64	<=34.77	Pass
			3	20.16	-0.38	17.63	<=34.77	Pass
		6	0	19.48	-0.38	16.95	<=34.77	Pass
	836.5	1	0	21.40	-0.38	18.87	<=34.77	Pass
			2	21.40	-0.38	18.87	<=34.77	Pass
			5	21.46	-0.38	18.93	<=34.77	Pass
		3	0	20.76	-0.38	18.23	<=34.77	Pass
			2	20.78	-0.38	18.25	<=34.77	Pass
			3	20.71	-0.38	18.18	<=34.77	Pass
		6	0	20.42	-0.38	17.89	<=34.77	Pass
	848.3	1	0	21.64	-0.38	19.11	<=34.77	Pass
			2	21.64	-0.38	19.11	<=34.77	Pass
			5	21.64	-0.38	19.11	<=34.77	Pass
		3	0	20.94	-0.38	18.41	<=34.77	Pass
			2	20.93	-0.38	18.40	<=34.77	Pass
			3	20.97	-0.38	18.44	<=34.77	Pass
		6	0	20.15	-0.38	17.62	<=34.77	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	21.55	-0.38	19.02	<=34.77	Pass	
			7	21.57	-0.38	19.04	<=34.77	Pass	
			14	21.43	-0.38	18.90	<=34.77	Pass	
		8	0	20.53	-0.38	18.00	<=34.77	Pass	
			4	20.52	-0.38	17.99	<=34.77	Pass	
			7	20.59	-0.38	18.06	<=34.77	Pass	
		15	0	20.56	-0.38	18.03	<=34.77	Pass	
		836.5	1	0	21.73	-0.38	19.20	<=34.77	Pass
				7	21.81	-0.38	19.28	<=34.77	Pass
	14			21.83	-0.38	19.30	<=34.77	Pass	
	8		0	20.76	-0.38	18.23	<=34.77	Pass	
			4	20.81	-0.38	18.28	<=34.77	Pass	
			7	20.80	-0.38	18.27	<=34.77	Pass	
	15		0	20.75	-0.38	18.22	<=34.77	Pass	
	847.5		1	0	22.03	-0.38	19.50	<=34.77	Pass
				7	22.02	-0.38	19.49	<=34.77	Pass
		14		22.07	-0.38	19.54	<=34.77	Pass	
		8	0	21.10	-0.38	18.57	<=34.77	Pass	
			4	21.08	-0.38	18.55	<=34.77	Pass	
			7	21.12	-0.38	18.59	<=34.77	Pass	
	15	0	21.12	-0.38	18.59	<=34.77	Pass		
16QAM	825.5	1	0	20.68	-0.38	18.15	<=34.77	Pass	
			7	20.70	-0.38	18.17	<=34.77	Pass	
			14	20.64	-0.38	18.11	<=34.77	Pass	
		8	0	19.66	-0.38	17.13	<=34.77	Pass	
			4	19.70	-0.38	17.17	<=34.77	Pass	
			7	19.67	-0.38	17.14	<=34.77	Pass	
		15	0	19.51	-0.38	16.98	<=34.77	Pass	
		836.5	1	0	21.38	-0.38	18.85	<=34.77	Pass
				7	21.42	-0.38	18.89	<=34.77	Pass
	14			21.40	-0.38	18.87	<=34.77	Pass	
	8		0	20.25	-0.38	17.72	<=34.77	Pass	
			4	20.33	-0.38	17.80	<=34.77	Pass	
			7	20.32	-0.38	17.79	<=34.77	Pass	
	15		0	20.32	-0.38	17.79	<=34.77	Pass	
	847.5		1	0	21.93	-0.38	19.40	<=34.77	Pass
				7	21.85	-0.38	19.32	<=34.77	Pass
		14		21.87	-0.38	19.34	<=34.77	Pass	
		8	0	20.84	-0.38	18.31	<=34.77	Pass	
			4	20.82	-0.38	18.29	<=34.77	Pass	
			7	20.27	-0.38	17.74	<=34.77	Pass	
	15	0	20.60	-0.38	18.07	<=34.77	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	21.44	-0.38	18.91	<=34.77	Pass
			13	21.47	-0.38	18.94	<=34.77	Pass
			24	21.49	-0.38	18.96	<=34.77	Pass
		12	0	20.54	-0.38	18.01	<=34.77	Pass
			6	20.50	-0.38	17.97	<=34.77	Pass
			13	20.54	-0.38	18.01	<=34.77	Pass

16QAM	836.5	25	0	20.48	-0.38	17.95	<=34.77	Pass
			0	21.68	-0.38	19.15	<=34.77	Pass
			13	21.71	-0.38	19.18	<=34.77	Pass
		12	24	21.83	-0.38	19.30	<=34.77	Pass
			0	20.77	-0.38	18.24	<=34.77	Pass
			6	20.70	-0.38	18.17	<=34.77	Pass
			13	20.67	-0.38	18.14	<=34.77	Pass
		25	0	20.72	-0.38	18.19	<=34.77	Pass
			0	22.03	-0.38	19.50	<=34.77	Pass
	846.5	1	13	22.12	-0.38	19.59	<=34.77	Pass
			24	22.10	-0.38	19.57	<=34.77	Pass
			0	21.07	-0.38	18.54	<=34.77	Pass
		12	6	21.15	-0.38	18.62	<=34.77	Pass
			13	21.10	-0.38	18.57	<=34.77	Pass
			25	21.06	-0.38	18.53	<=34.77	Pass
	826.5	1	0	21.07	-0.38	18.54	<=34.77	Pass
			13	20.99	-0.38	18.46	<=34.77	Pass
			24	21.16	-0.38	18.63	<=34.77	Pass
		12	0	19.51	-0.38	16.98	<=34.77	Pass
			6	19.46	-0.38	16.93	<=34.77	Pass
			13	19.52	-0.38	16.99	<=34.77	Pass
		25	0	19.62	-0.38	17.09	<=34.77	Pass
			0	21.32	-0.38	18.79	<=34.77	Pass
		1	13	21.37	-0.38	18.84	<=34.77	Pass
			24	21.40	-0.38	18.87	<=34.77	Pass
		12	0	20.17	-0.38	17.64	<=34.77	Pass
			6	20.30	-0.38	17.77	<=34.77	Pass
			13	20.32	-0.38	17.79	<=34.77	Pass
		25	0	20.24	-0.38	17.71	<=34.77	Pass
			0	20.61	-0.38	18.08	<=34.77	Pass
		1	13	20.66	-0.38	18.13	<=34.77	Pass
			24	20.68	-0.38	18.15	<=34.77	Pass
		12	0	20.56	-0.38	18.03	<=34.77	Pass
			6	20.53	-0.38	18.00	<=34.77	Pass
			13	20.50	-0.38	17.97	<=34.77	Pass
		25	0	20.66	-0.38	18.13	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.61	-0.38	19.08	<=34.77	Pass
			25	21.74	-0.38	19.21	<=34.77	Pass
			49	21.90	-0.38	19.37	<=34.77	Pass
		25	0	20.54	-0.38	18.01	<=34.77	Pass
			13	20.73	-0.38	18.20	<=34.77	Pass
			25	20.58	-0.38	18.05	<=34.77	Pass
		50	0	20.72	-0.38	18.19	<=34.77	Pass
			0	21.67	-0.38	19.14	<=34.77	Pass
			25	21.83	-0.38	19.30	<=34.77	Pass
	836.5	1	49	21.97	-0.38	19.44	<=34.77	Pass
			0	20.83	-0.38	18.30	<=34.77	Pass
			13	20.69	-0.38	18.16	<=34.77	Pass
		25	25	20.89	-0.38	18.36	<=34.77	Pass
			0	20.78	-0.38	18.25	<=34.77	Pass
			0	21.82	-0.38	19.29	<=34.77	Pass
		50	0	20.78	-0.38	18.25	<=34.77	Pass
			0	21.82	-0.38	19.29	<=34.77	Pass
			0	21.82	-0.38	19.29	<=34.77	Pass

16QAM		25	25	21.91	-0.38	19.38	<=34.77	Pass	
			49	22.09	-0.38	19.56	<=34.77	Pass	
			0	21.03	-0.38	18.50	<=34.77	Pass	
			13	20.92	-0.38	18.39	<=34.77	Pass	
			25	21.11	-0.38	18.58	<=34.77	Pass	
		50	0	20.91	-0.38	18.38	<=34.77	Pass	
		829	1	0	21.29	-0.38	18.76	<=34.77	Pass
	25			21.30	-0.38	18.77	<=34.77	Pass	
	49			21.41	-0.38	18.88	<=34.77	Pass	
	25		0	19.71	-0.38	17.18	<=34.77	Pass	
			13	19.79	-0.38	17.26	<=34.77	Pass	
			25	19.86	-0.38	17.33	<=34.77	Pass	
	50		0	19.85	-0.38	17.32	<=34.77	Pass	
	836.5		1	0	21.56	-0.38	19.03	<=34.77	Pass
				25	21.77	-0.38	19.24	<=34.77	Pass
				49	21.90	-0.38	19.37	<=34.77	Pass
			25	0	20.23	-0.38	17.70	<=34.77	Pass
				13	20.27	-0.38	17.74	<=34.77	Pass
				25	19.89	-0.38	17.36	<=34.77	Pass
			50	0	20.24	-0.38	17.71	<=34.77	Pass
	844	1	0	20.87	-0.38	18.34	<=34.77	Pass	
			25	20.88	-0.38	18.35	<=34.77	Pass	
			49	21.16	-0.38	18.63	<=34.77	Pass	
		25	0	20.58	-0.38	18.05	<=34.77	Pass	
			13	20.58	-0.38	18.05	<=34.77	Pass	
			25	20.76	-0.38	18.23	<=34.77	Pass	
		50	0	20.47	-0.38	17.94	<=34.77	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	-17.838	-0.0216	-2.5 to 2.5	Pass
					3.85	0.901	0.0011	-2.5 to 2.5	Pass
					4.43	-38.381	-0.0465	-2.5 to 2.5	Pass
				-30	3.85	-23.260	-0.0282	-2.5 to 2.5	Pass
				-20	3.85	-30.384	-0.0368	-2.5 to 2.5	Pass
				-10	3.85	-40.097	-0.0486	-2.5 to 2.5	Pass
				0	3.85	-23.417	-0.0284	-2.5 to 2.5	Pass
				10	3.85	0.186	0.0002	-2.5 to 2.5	Pass
				30	3.85	-20.056	-0.0243	-2.5 to 2.5	Pass
				40	3.85	-37.107	-0.0450	-2.5 to 2.5	Pass
				50	3.85	-17.753	-0.0215	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	11.930	0.0143	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0047	-2.5 to 2.5	Pass
					4.43	-17.982	-0.0215	-2.5 to 2.5	Pass
				-30	3.85	-30.613	-0.0366	-2.5 to 2.5	Pass
				-20	3.85	-35.920	-0.0429	-2.5 to 2.5	Pass
				-10	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				0	3.85	-9.027	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-16.723	-0.0200	-2.5 to 2.5	Pass

	848.3	6	0	30	3.85	-19.226	-0.0230	-2.5 to 2.5	Pass
				40	3.85	-25.821	-0.0309	-2.5 to 2.5	Pass
				50	3.85	-24.161	-0.0289	-2.5 to 2.5	Pass
				20	3.27	-19.412	-0.0229	-2.5 to 2.5	Pass
					3.85	-36.235	-0.0427	-2.5 to 2.5	Pass
					4.43	-29.097	-0.0343	-2.5 to 2.5	Pass
				-30	3.85	-38.080	-0.0449	-2.5 to 2.5	Pass
				-20	3.85	-33.402	-0.0394	-2.5 to 2.5	Pass
				-10	3.85	-16.522	-0.0195	-2.5 to 2.5	Pass
				0	3.85	-38.223	-0.0451	-2.5 to 2.5	Pass
				10	3.85	2.646	0.0031	-2.5 to 2.5	Pass
				30	3.85	-8.526	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-21.930	-0.0259	-2.5 to 2.5	Pass
				50	3.85	-36.693	-0.0433	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-24.791	-0.0301	-2.5 to 2.5	Pass
					3.85	-18.611	-0.0226	-2.5 to 2.5	Pass
					4.43	-18.210	-0.0221	-2.5 to 2.5	Pass
				-30	3.85	-21.458	-0.0260	-2.5 to 2.5	Pass
				-20	3.85	-27.123	-0.0329	-2.5 to 2.5	Pass
				-10	3.85	-27.795	-0.0337	-2.5 to 2.5	Pass
				0	3.85	-27.752	-0.0337	-2.5 to 2.5	Pass
				10	3.85	-28.696	-0.0348	-2.5 to 2.5	Pass
				30	3.85	-30.699	-0.0372	-2.5 to 2.5	Pass
				40	3.85	-30.627	-0.0371	-2.5 to 2.5	Pass
				50	3.85	-30.084	-0.0365	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-28.839	-0.0345	-2.5 to 2.5	Pass
					3.85	-24.548	-0.0293	-2.5 to 2.5	Pass
					4.43	-20.428	-0.0244	-2.5 to 2.5	Pass
				-30	3.85	-17.166	-0.0205	-2.5 to 2.5	Pass
				-20	3.85	-15.979	-0.0191	-2.5 to 2.5	Pass
				-10	3.85	-10.743	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-10.929	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-16.966	-0.0203	-2.5 to 2.5	Pass
				30	3.85	-16.336	-0.0195	-2.5 to 2.5	Pass
				40	3.85	-13.590	-0.0162	-2.5 to 2.5	Pass
				50	3.85	-18.582	-0.0222	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-40.526	-0.0478	-2.5 to 2.5	Pass
					3.85	-25.620	-0.0302	-2.5 to 2.5	Pass
					4.43	-22.473	-0.0265	-2.5 to 2.5	Pass
				-30	3.85	-21.358	-0.0252	-2.5 to 2.5	Pass
				-20	3.85	-18.854	-0.0222	-2.5 to 2.5	Pass
				-10	3.85	-18.210	-0.0215	-2.5 to 2.5	Pass
				0	3.85	-16.851	-0.0199	-2.5 to 2.5	Pass
				10	3.85	-14.763	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-17.753	-0.0209	-2.5 to 2.5	Pass
				40	3.85	-21.386	-0.0252	-2.5 to 2.5	Pass
				50	3.85	-17.538	-0.0207	-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	-13.990	-0.0169	-2.5 to 2.5	Pass
					3.85	-41.757	-0.0506	-2.5 to 2.5	Pass
					4.43	0.758	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-41.285	-0.0500	-2.5 to 2.5	Pass
				-20	3.85	-24.648	-0.0299	-2.5 to 2.5	Pass

16QAM	836.5	15	0	-10	3.85	-41.285	-0.0500	-2.5 to 2.5	Pass
				0	3.85	-10.614	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-20.027	-0.0243	-2.5 to 2.5	Pass
				30	3.85	-26.765	-0.0324	-2.5 to 2.5	Pass
				40	3.85	-12.245	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-7.038	-0.0085	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	15.006	0.0179	-2.5 to 2.5	Pass
					3.85	3.176	0.0038	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-15.807	-0.0189	-2.5 to 2.5	Pass
				-20	3.85	-16.422	-0.0196	-2.5 to 2.5	Pass
				-10	3.85	-19.197	-0.0229	-2.5 to 2.5	Pass
				0	3.85	-24.261	-0.0290	-2.5 to 2.5	Pass
				10	3.85	-26.679	-0.0319	-2.5 to 2.5	Pass
				30	3.85	-32.086	-0.0384	-2.5 to 2.5	Pass
				40	3.85	-34.218	-0.0409	-2.5 to 2.5	Pass
				50	3.85	-31.185	-0.0373	-2.5 to 2.5	Pass
				20	3.27	10.757	0.0127	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
					4.43	-20.242	-0.0239	-2.5 to 2.5	Pass
	825.5	15	0	-30	3.85	-28.682	-0.0338	-2.5 to 2.5	Pass
				-20	3.85	-34.575	-0.0408	-2.5 to 2.5	Pass
				-10	3.85	-42.458	-0.0501	-2.5 to 2.5	Pass
				0	3.85	-41.628	-0.0491	-2.5 to 2.5	Pass
				10	3.85	-44.503	-0.0525	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-11.816	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-9.799	-0.0116	-2.5 to 2.5	Pass
				20	3.27	-5.207	-0.0063	-2.5 to 2.5	Pass
					3.85	15.221	0.0184	-2.5 to 2.5	Pass
					4.43	25.849	0.0313	-2.5 to 2.5	Pass
				-30	3.85	38.509	0.0466	-2.5 to 2.5	Pass
	836.5	15	0	-20	3.85	-3.605	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	3.691	0.0045	-2.5 to 2.5	Pass
				0	3.85	6.680	0.0081	-2.5 to 2.5	Pass
				10	3.85	6.952	0.0084	-2.5 to 2.5	Pass
				30	3.85	11.444	0.0139	-2.5 to 2.5	Pass
				40	3.85	16.665	0.0202	-2.5 to 2.5	Pass
				50	3.85	15.764	0.0191	-2.5 to 2.5	Pass
				20	3.27	-37.122	-0.0444	-2.5 to 2.5	Pass
					3.85	-36.492	-0.0436	-2.5 to 2.5	Pass
					4.43	-31.343	-0.0375	-2.5 to 2.5	Pass
				-30	3.85	-31.843	-0.0381	-2.5 to 2.5	Pass
	847.5	15	0	-20	3.85	-29.297	-0.0350	-2.5 to 2.5	Pass
				-10	3.85	-28.024	-0.0335	-2.5 to 2.5	Pass
				0	3.85	-27.766	-0.0332	-2.5 to 2.5	Pass
				10	3.85	-24.734	-0.0296	-2.5 to 2.5	Pass
				30	3.85	-18.511	-0.0221	-2.5 to 2.5	Pass
				40	3.85	-21.200	-0.0253	-2.5 to 2.5	Pass
				50	3.85	-19.441	-0.0232	-2.5 to 2.5	Pass
				20	3.27	-9.384	-0.0111	-2.5 to 2.5	Pass
					3.85	4.163	0.0049	-2.5 to 2.5	Pass
					4.43	14.749	0.0174	-2.5 to 2.5	Pass
				-30	3.85	15.821	0.0187	-2.5 to 2.5	Pass
				-20	3.85	18.883	0.0223	-2.5 to 2.5	Pass
				-10	3.85	20.714	0.0244	-2.5 to 2.5	Pass
				0	3.85	20.657	0.0244	-2.5 to 2.5	Pass
				10	3.85	18.682	0.0220	-2.5 to 2.5	Pass
				30	3.85	21.515	0.0254	-2.5 to 2.5	Pass
				40	3.85	19.398	0.0229	-2.5 to 2.5	Pass

				50	3.85	19.212	0.0227	-2.5 to 2.5	Pass
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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	-5.894	-0.0071	-2.5 to 2.5	Pass
					3.85	-24.333	-0.0294	-2.5 to 2.5	Pass
					4.43	-36.678	-0.0444	-2.5 to 2.5	Pass
				-30	3.85	-34.118	-0.0413	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-25.849	-0.0313	-2.5 to 2.5	Pass
				0	3.85	-39.325	-0.0476	-2.5 to 2.5	Pass
				10	3.85	-4.892	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-18.811	-0.0228	-2.5 to 2.5	Pass
				40	3.85	-27.194	-0.0329	-2.5 to 2.5	Pass
				50	3.85	-32.330	-0.0391	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	12.259	0.0147	-2.5 to 2.5	Pass
					3.85	2.303	0.0028	-2.5 to 2.5	Pass
					4.43	-13.175	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-21.873	-0.0261	-2.5 to 2.5	Pass
				-20	3.85	-27.967	-0.0334	-2.5 to 2.5	Pass
				-10	3.85	-28.582	-0.0342	-2.5 to 2.5	Pass
				0	3.85	-29.311	-0.0350	-2.5 to 2.5	Pass
				10	3.85	-29.540	-0.0353	-2.5 to 2.5	Pass
				30	3.85	-28.167	-0.0337	-2.5 to 2.5	Pass
				40	3.85	-32.544	-0.0389	-2.5 to 2.5	Pass
				50	3.85	-29.154	-0.0349	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	3.662	0.0043	-2.5 to 2.5	Pass
					3.85	-21.358	-0.0252	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-27.022	-0.0319	-2.5 to 2.5	Pass
				-20	3.85	-37.637	-0.0445	-2.5 to 2.5	Pass
				-10	3.85	-44.804	-0.0529	-2.5 to 2.5	Pass
				0	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-18.954	-0.0224	-2.5 to 2.5	Pass
				30	3.85	-25.449	-0.0301	-2.5 to 2.5	Pass
				40	3.85	-30.513	-0.0360	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-31.915	-0.0386	-2.5 to 2.5	Pass
					3.85	-22.030	-0.0267	-2.5 to 2.5	Pass
					4.43	-17.395	-0.0210	-2.5 to 2.5	Pass
				-30	3.85	-15.063	-0.0182	-2.5 to 2.5	Pass
				-20	3.85	-8.125	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-9.155	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-32.144	-0.0384	-2.5 to 2.5	Pass
					3.85	-28.710	-0.0343	-2.5 to 2.5	Pass
					4.43	-23.804	-0.0285	-2.5 to 2.5	Pass
				-30	3.85	-36.993	-0.0442	-2.5 to 2.5	Pass
				-20	3.85	-16.665	-0.0199	-2.5 to 2.5	Pass
				-10	3.85	-14.334	-0.0171	-2.5 to 2.5	Pass
				0	3.85	-33.717	-0.0403	-2.5 to 2.5	Pass

				10	3.85	-35.462	-0.0424	-2.5 to 2.5	Pass
				30	3.85	-18.897	-0.0226	-2.5 to 2.5	Pass
				40	3.85	-41.742	-0.0499	-2.5 to 2.5	Pass
				50	3.85	-17.595	-0.0210	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-41.771	-0.0493	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
					4.43	5.851	0.0069	-2.5 to 2.5	Pass
				-30	3.85	5.121	0.0060	-2.5 to 2.5	Pass
				-20	3.85	2.074	0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.777	0.0045	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.349	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-12.374	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-13.247	-0.0156	-2.5 to 2.5	Pass
				50	3.85	-12.631	-0.0149	-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	-14.977	-0.0181	-2.5 to 2.5	Pass
					3.85	-33.631	-0.0406	-2.5 to 2.5	Pass
					4.43	-24.061	-0.0290	-2.5 to 2.5	Pass
				-30	3.85	-21.071	-0.0254	-2.5 to 2.5	Pass
				-20	3.85	-29.054	-0.0350	-2.5 to 2.5	Pass
				-10	3.85	-27.151	-0.0328	-2.5 to 2.5	Pass
				0	3.85	-33.274	-0.0401	-2.5 to 2.5	Pass
				10	3.85	-11.687	-0.0141	-2.5 to 2.5	Pass
				30	3.85	-11.873	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-35.162	-0.0424	-2.5 to 2.5	Pass
				50	3.85	-43.874	-0.0529	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	12.345	0.0148	-2.5 to 2.5	Pass
					3.85	-11.001	-0.0132	-2.5 to 2.5	Pass
					4.43	-26.507	-0.0317	-2.5 to 2.5	Pass
				-30	3.85	-40.040	-0.0479	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.173	0.0014	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-15.178	-0.0181	-2.5 to 2.5	Pass
				30	3.85	-15.450	-0.0185	-2.5 to 2.5	Pass
				40	3.85	-28.095	-0.0336	-2.5 to 2.5	Pass
				50	3.85	-34.676	-0.0415	-2.5 to 2.5	Pass
	844	50	0	20	3.27	7.710	0.0091	-2.5 to 2.5	Pass
					3.85	2.589	0.0031	-2.5 to 2.5	Pass
					4.43	-5.593	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-12.245	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-14.105	-0.0167	-2.5 to 2.5	Pass
				-10	3.85	-13.876	-0.0164	-2.5 to 2.5	Pass
				0	3.85	-10.772	-0.0128	-2.5 to 2.5	Pass
				10	3.85	-12.546	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-7.854	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-9.942	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-7.081	-0.0084	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-35.620	-0.0430	-2.5 to 2.5	Pass
					3.85	-3.462	-0.0042	-2.5 to 2.5	Pass
					4.43	-17.653	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-37.007	-0.0446	-2.5 to 2.5	Pass

				-20	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-25.878	-0.0312	-2.5 to 2.5	Pass
				0	3.85	-44.889	-0.0541	-2.5 to 2.5	Pass
				10	3.85	-12.145	-0.0147	-2.5 to 2.5	Pass
				30	3.85	-26.078	-0.0315	-2.5 to 2.5	Pass
				40	3.85	-36.807	-0.0444	-2.5 to 2.5	Pass
				50	3.85	-45.934	-0.0554	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-33.717	-0.0403	-2.5 to 2.5	Pass
					3.85	-26.722	-0.0319	-2.5 to 2.5	Pass
					4.43	-16.265	-0.0194	-2.5 to 2.5	Pass
				-30	3.85	-14.405	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-9.499	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
	844	50	0	20	3.27	2.346	0.0028	-2.5 to 2.5	Pass
					3.85	32.716	0.0388	-2.5 to 2.5	Pass
					4.43	38.939	0.0461	-2.5 to 2.5	Pass
				-30	3.85	-19.727	-0.0234	-2.5 to 2.5	Pass
				-20	3.85	8.554	0.0101	-2.5 to 2.5	Pass
				-10	3.85	7.496	0.0089	-2.5 to 2.5	Pass
				0	3.85	21.701	0.0257	-2.5 to 2.5	Pass
				10	3.85	20.943	0.0248	-2.5 to 2.5	Pass
				30	3.85	21.744	0.0258	-2.5 to 2.5	Pass
				40	3.85	4.191	0.0050	-2.5 to 2.5	Pass
				50	3.85	34.518	0.0409	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
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 / NTNV						
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						
Modulation	Frequency	RB Allocation		Modulation Characteristics		Verdict

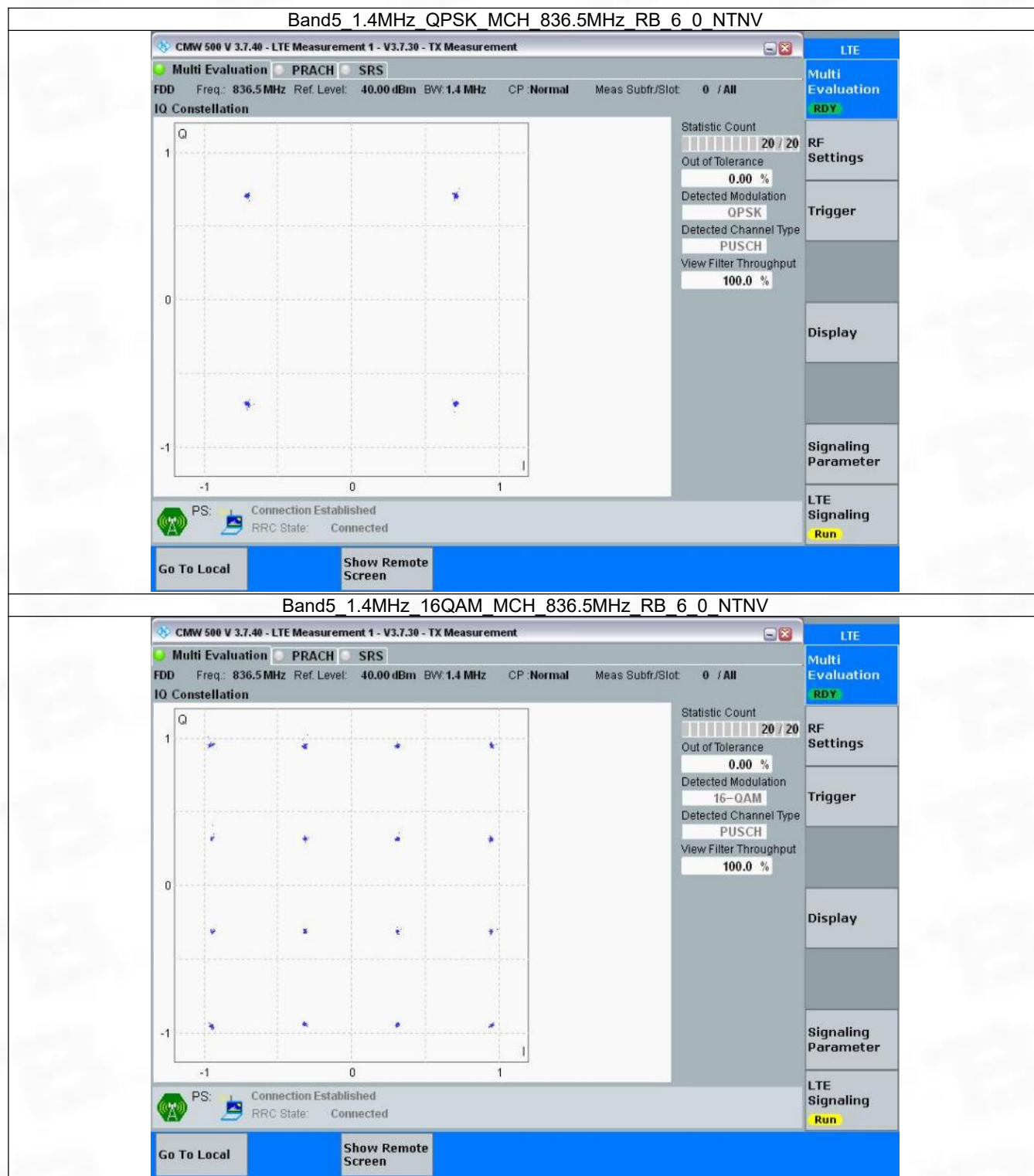
	(MHz)	Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

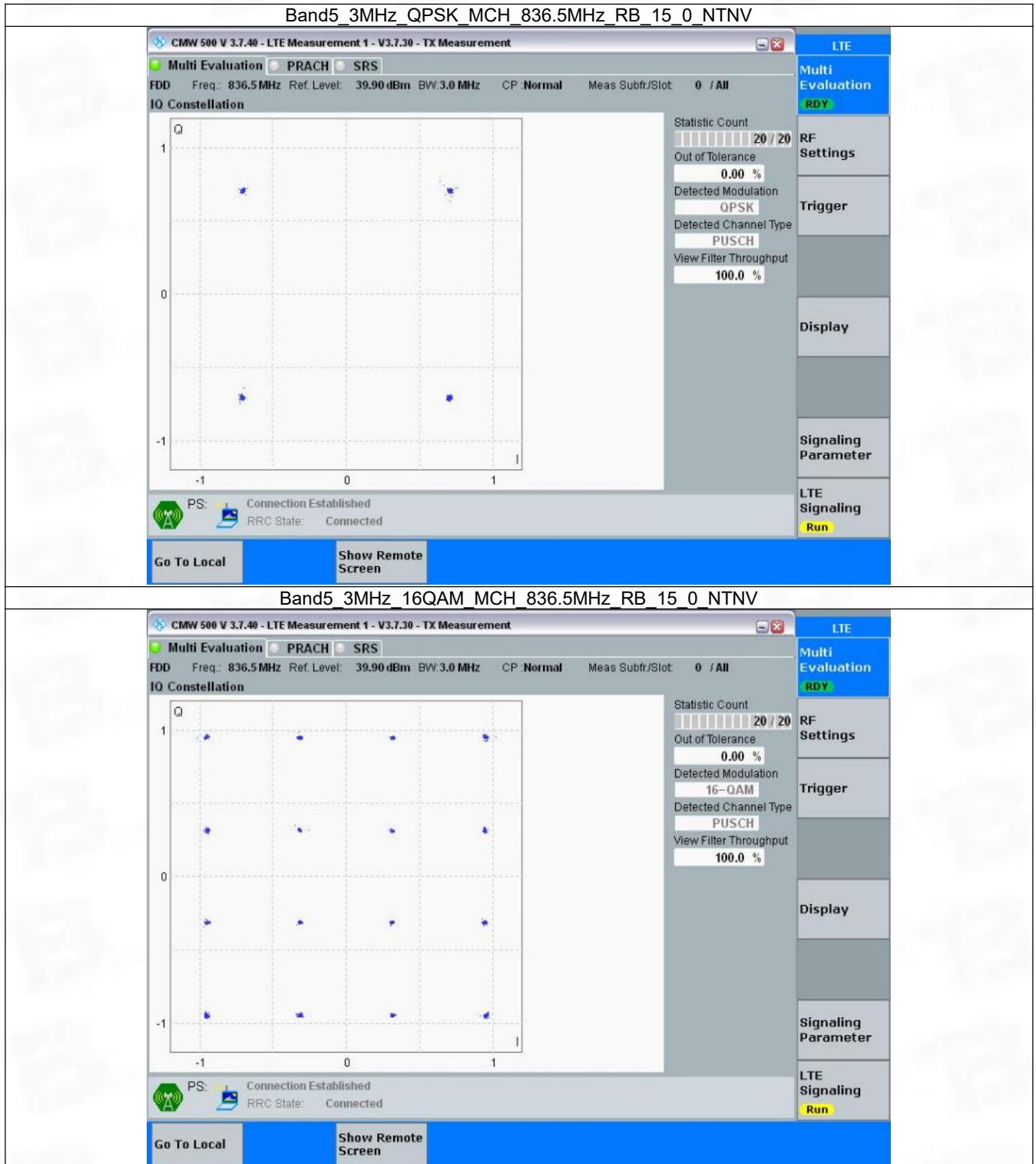
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

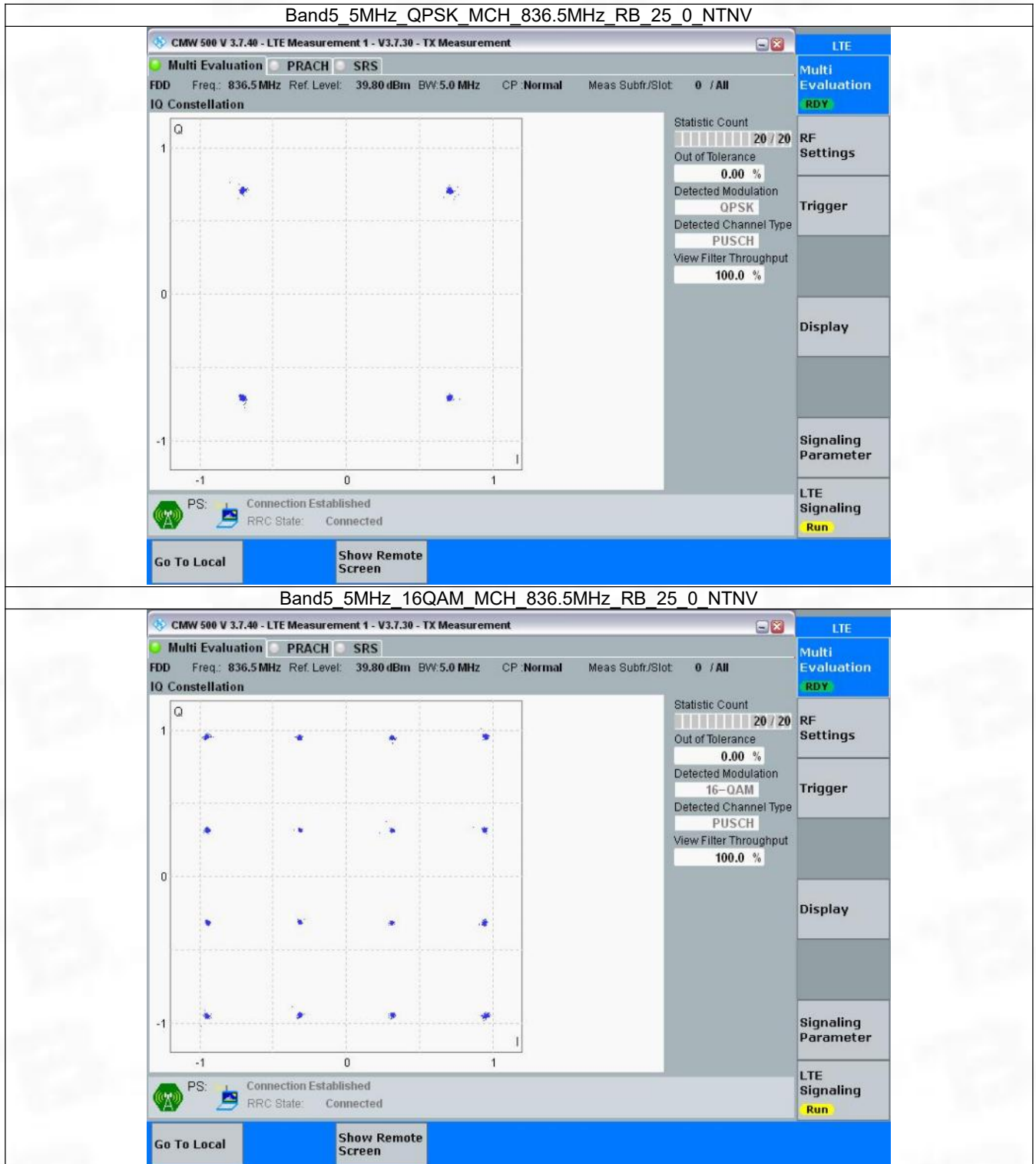
3.2.1 B5_1.4MHz



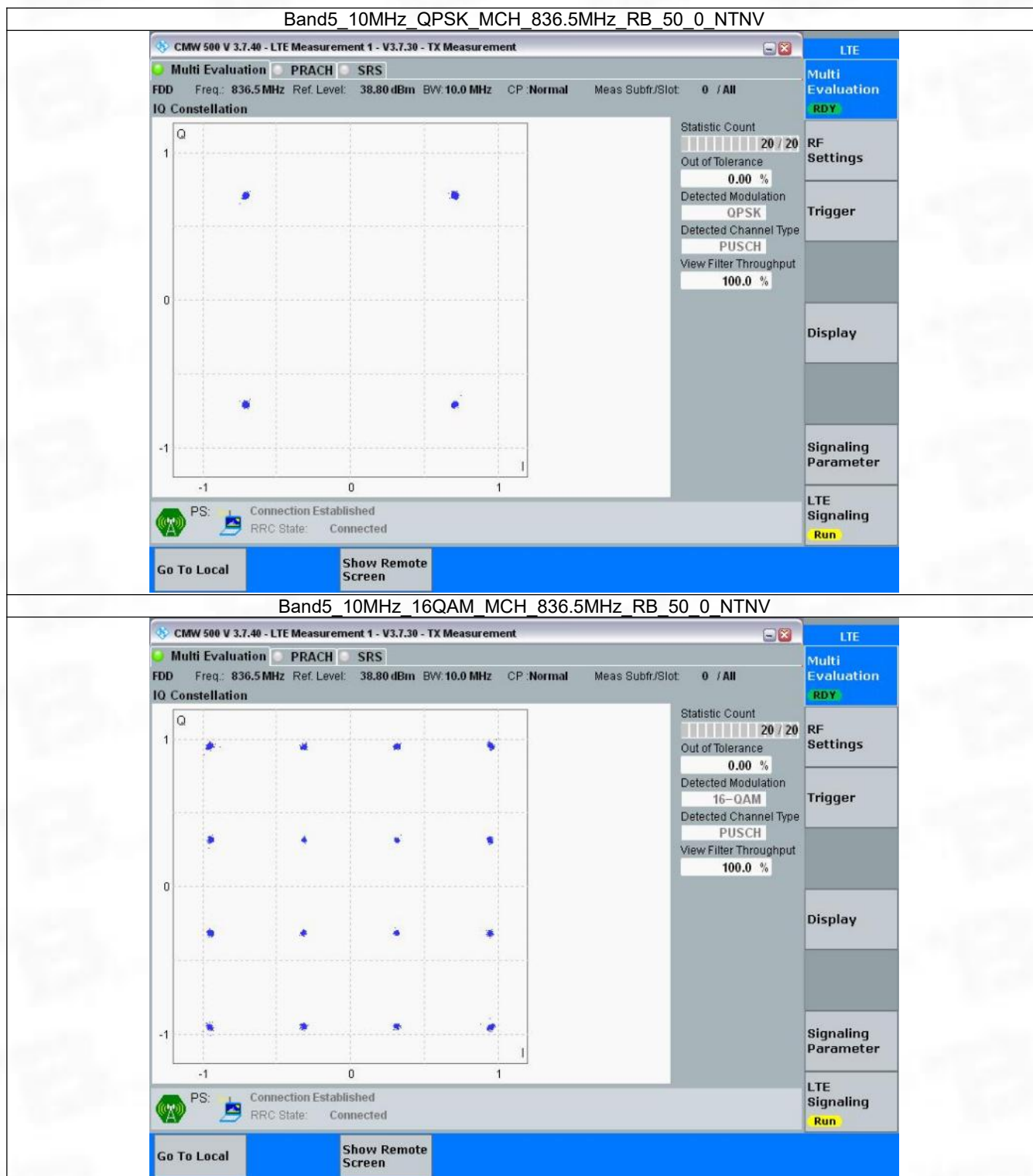
3.2.2 B5_3MHz



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	1.113	/	Pass
		836.5	6	0	1.112	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.107	/	Pass
		836.5	6	0	1.102	/	Pass
		848.3	6	0	1.104	/	Pass
3	QPSK	825.5	15	0	2.758	/	Pass
		836.5	15	0	2.756	/	Pass
		847.5	15	0	2.764	/	Pass
	16QAM	825.5	15	0	2.759	/	Pass
		836.5	15	0	2.752	/	Pass
		847.5	15	0	2.773	/	Pass
5	QPSK	826.5	25	0	4.549	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.565	/	Pass
	16QAM	826.5	25	0	4.584	/	Pass
		836.5	25	0	4.560	/	Pass
		846.5	25	0	4.556	/	Pass
10	QPSK	829	50	0	9.083	/	Pass
		836.5	50	0	9.049	/	Pass
		844	50	0	9.054	/	Pass
	16QAM	829	50	0	9.067	/	Pass
		836.5	50	0	9.073	/	Pass
		844	50	0	9.047	/	Pass

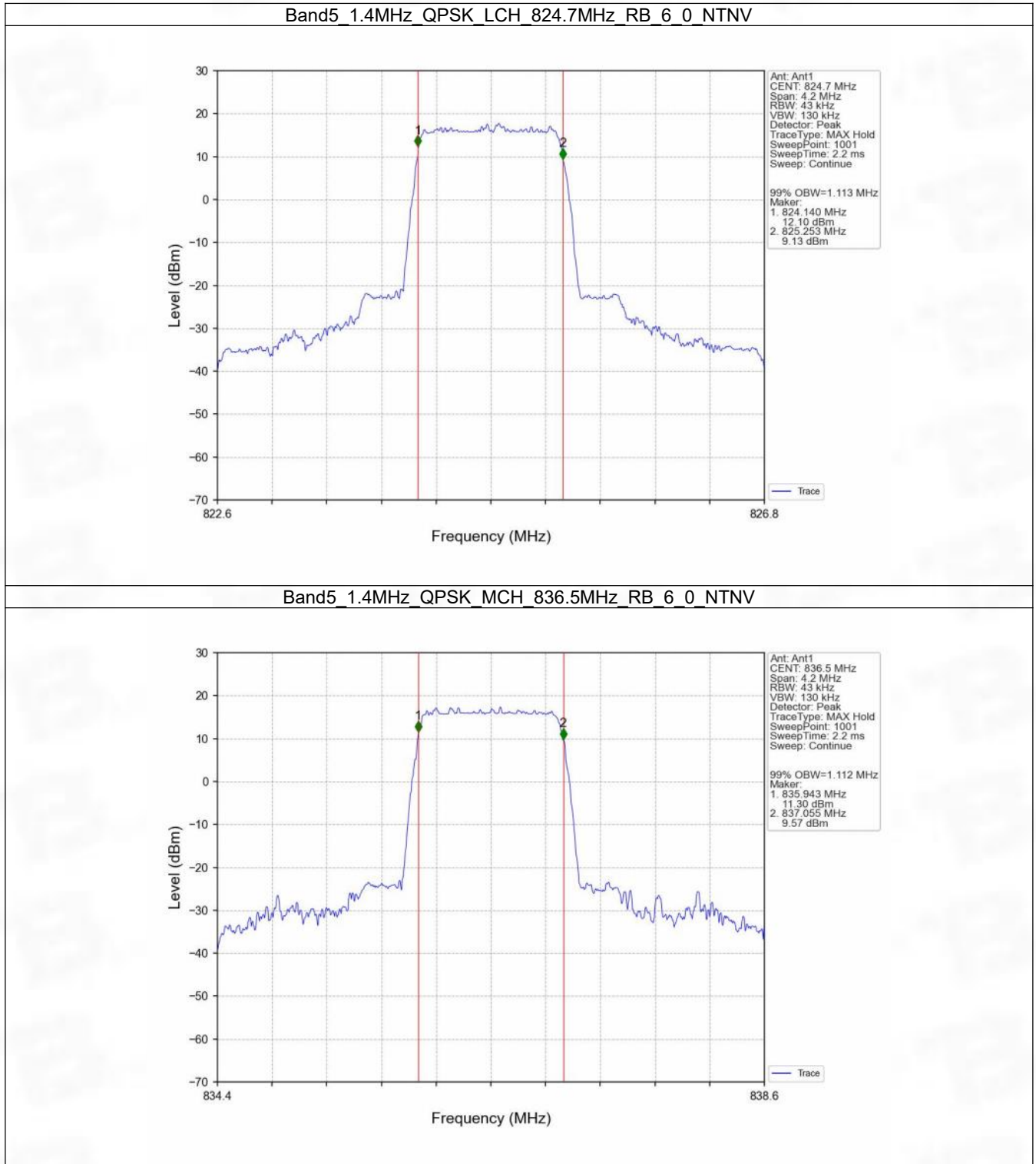
4.1.2 Band5_XDB

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	1.268	/	Pass
		836.5	6	0	1.267	/	Pass
		848.3	6	0	1.276	/	Pass
	16QAM	824.7	6	0	1.266	/	Pass
		836.5	6	0	1.269	/	Pass
		848.3	6	0	1.265	/	Pass
3	QPSK	825.5	15	0	3.073	/	Pass
		836.5	15	0	3.076	/	Pass
		847.5	15	0	3.109	/	Pass
	16QAM	825.5	15	0	3.118	/	Pass
		836.5	15	0	3.097	/	Pass
		847.5	15	0	3.084	/	Pass
5	QPSK	826.5	25	0	5.024	/	Pass
		836.5	25	0	5.089	/	Pass
		846.5	25	0	5.054	/	Pass
	16QAM	826.5	25	0	5.057	/	Pass

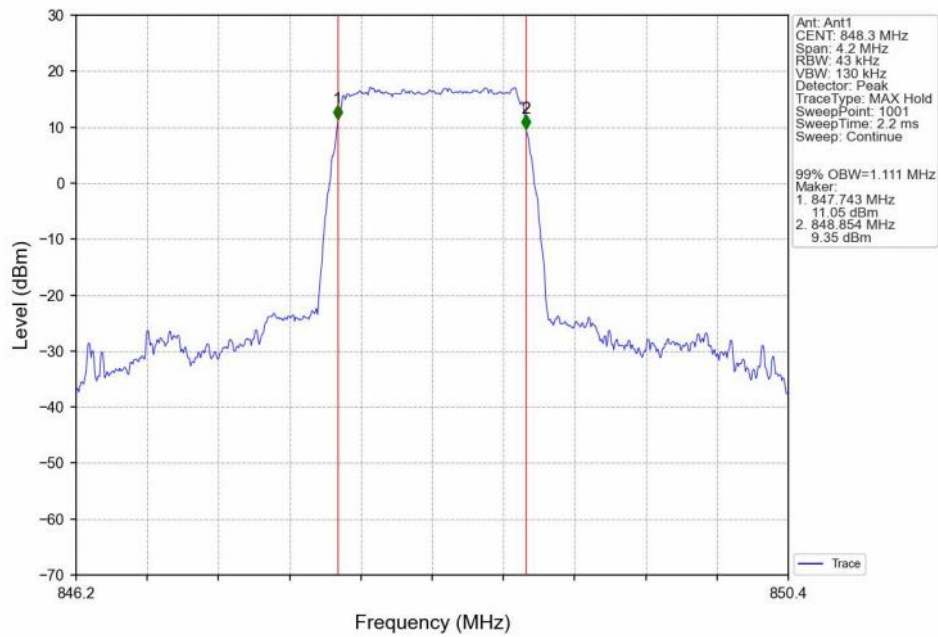
10		836.5	25	0	5.073	/	Pass
		846.5	25	0	5.033	/	Pass
	QPSK	829	50	0	10.074	/	Pass
		836.5	50	0	10.027	/	Pass
		844	50	0	10.054	/	Pass
	16QAM	829	50	0	10.027	/	Pass
		836.5	50	0	10.060	/	Pass
		844	50	0	10.075	/	Pass

4.2 Test Graph

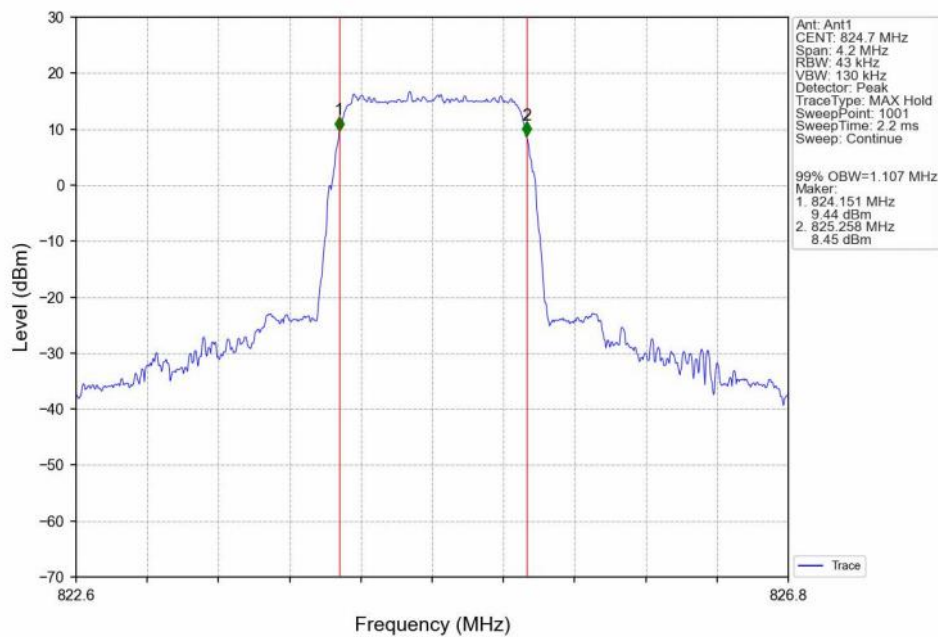
4.2.1 Band5_OBW



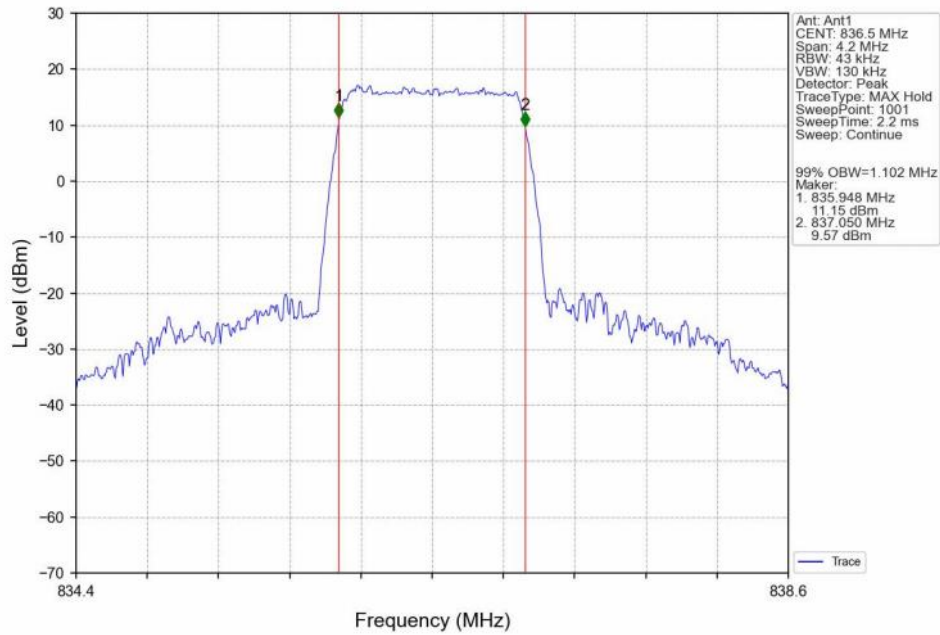
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



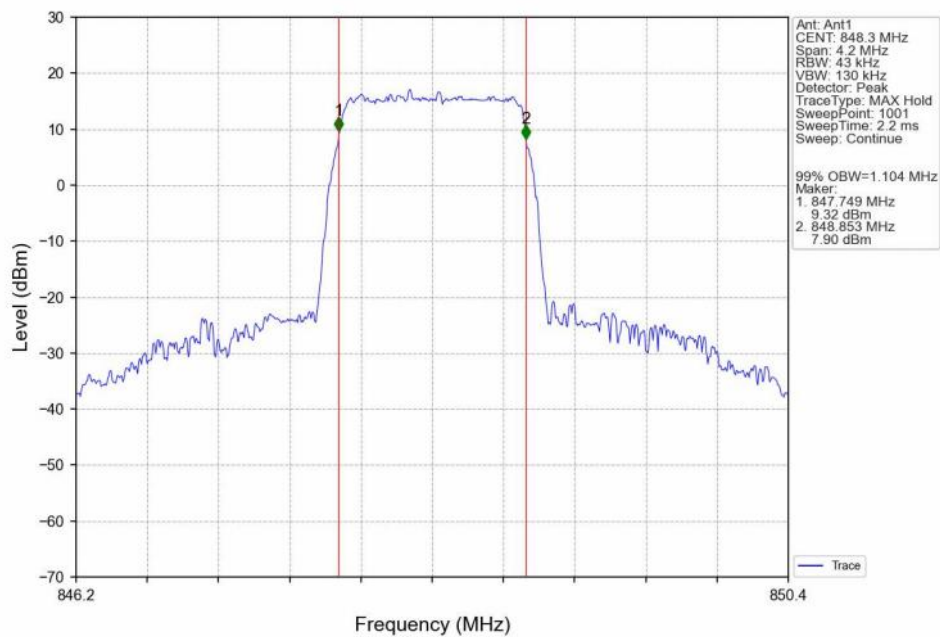
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



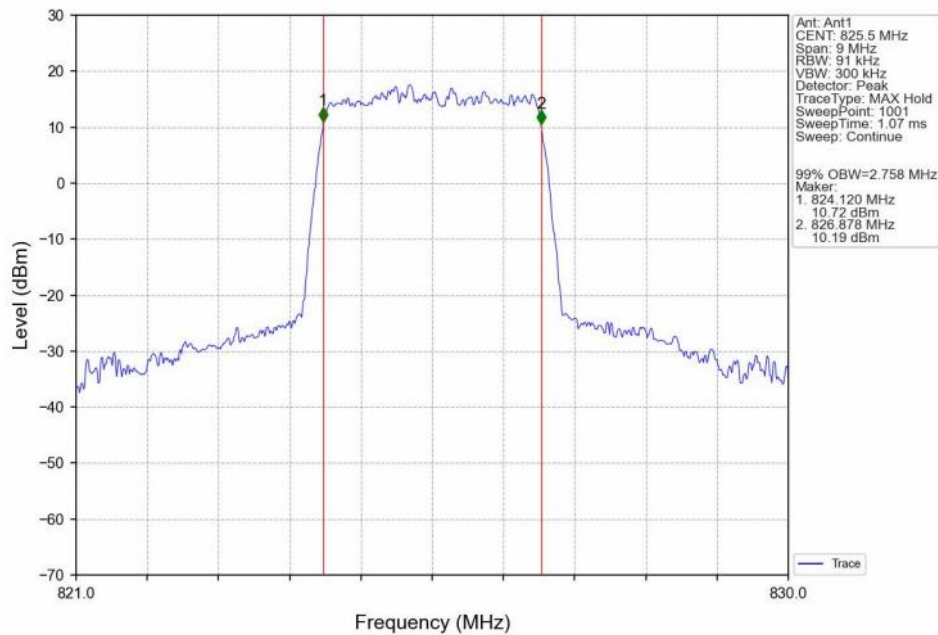
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



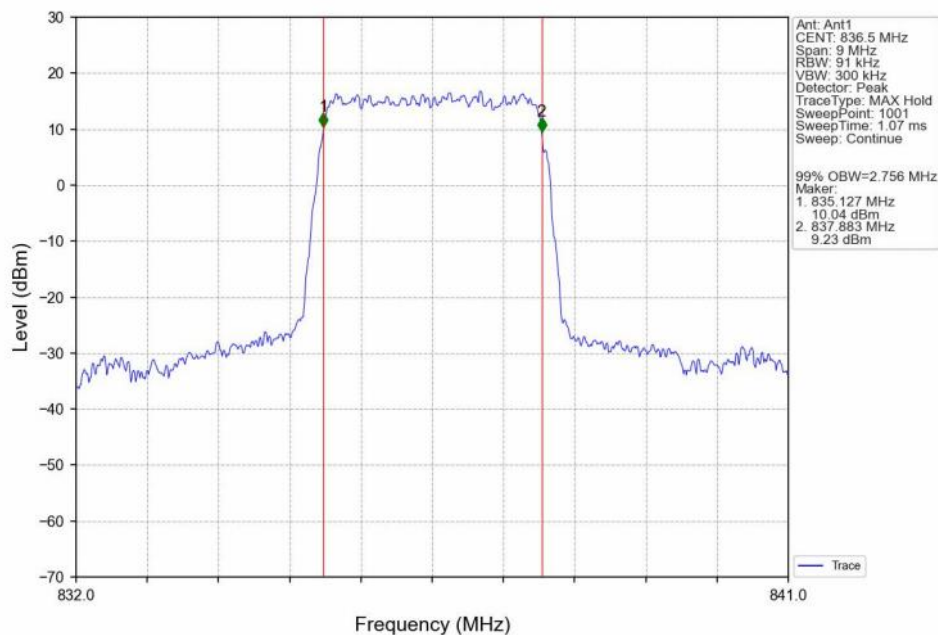
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



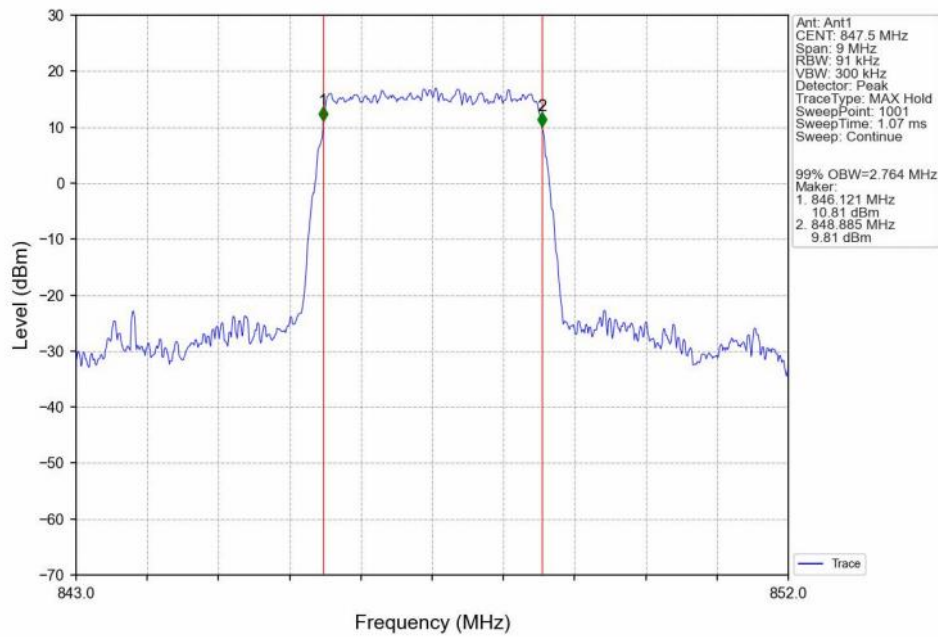
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



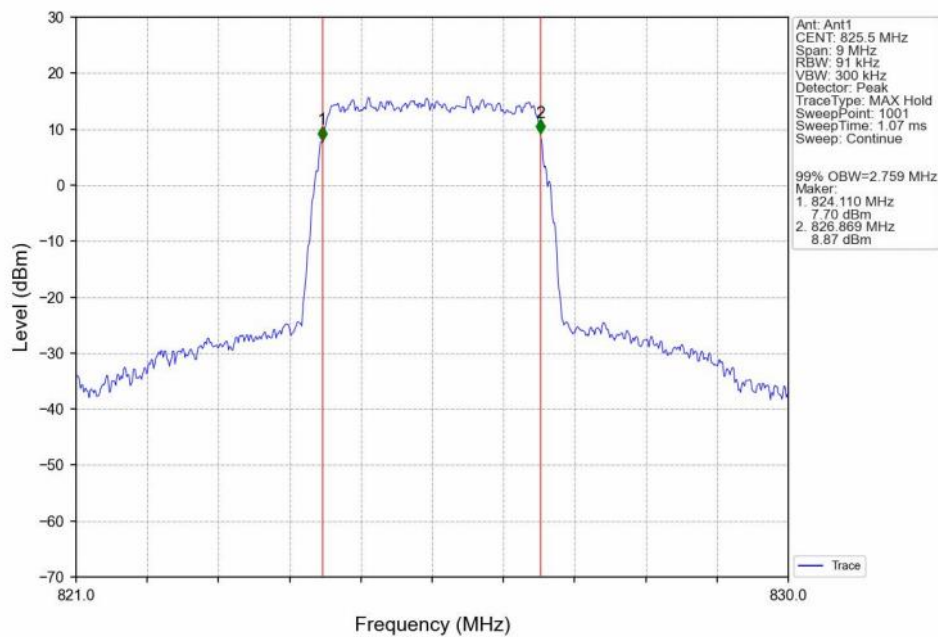
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



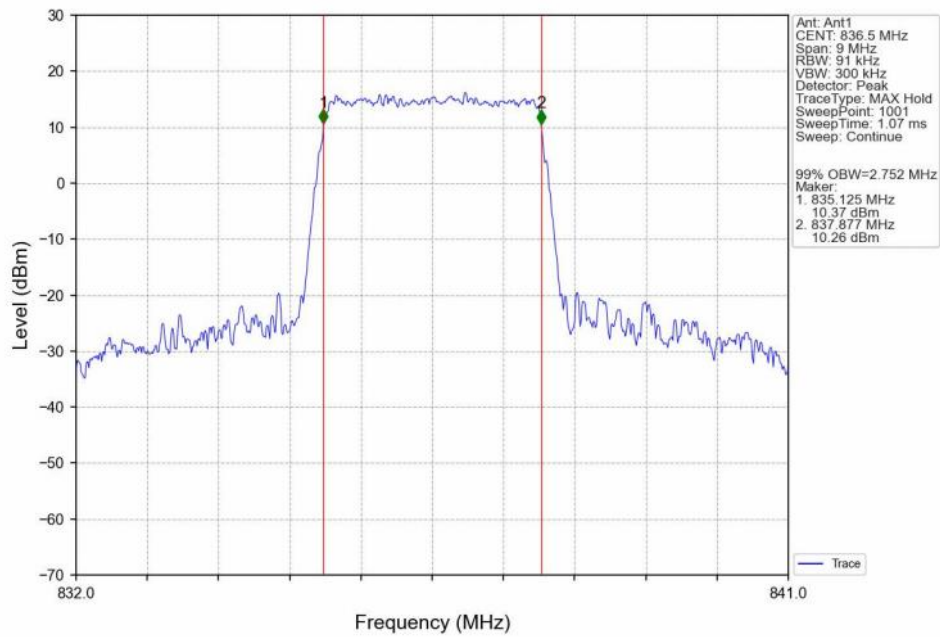
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



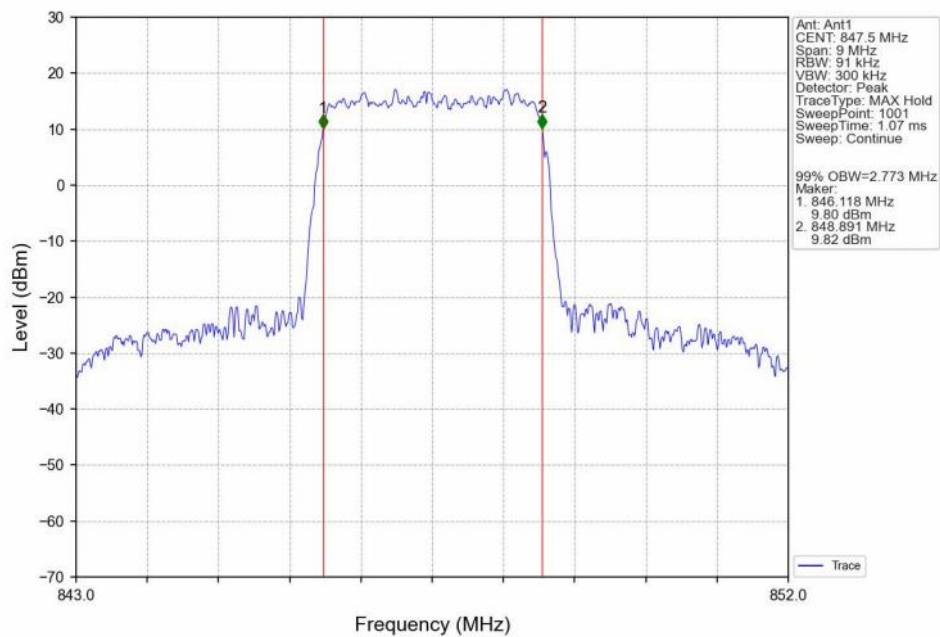
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



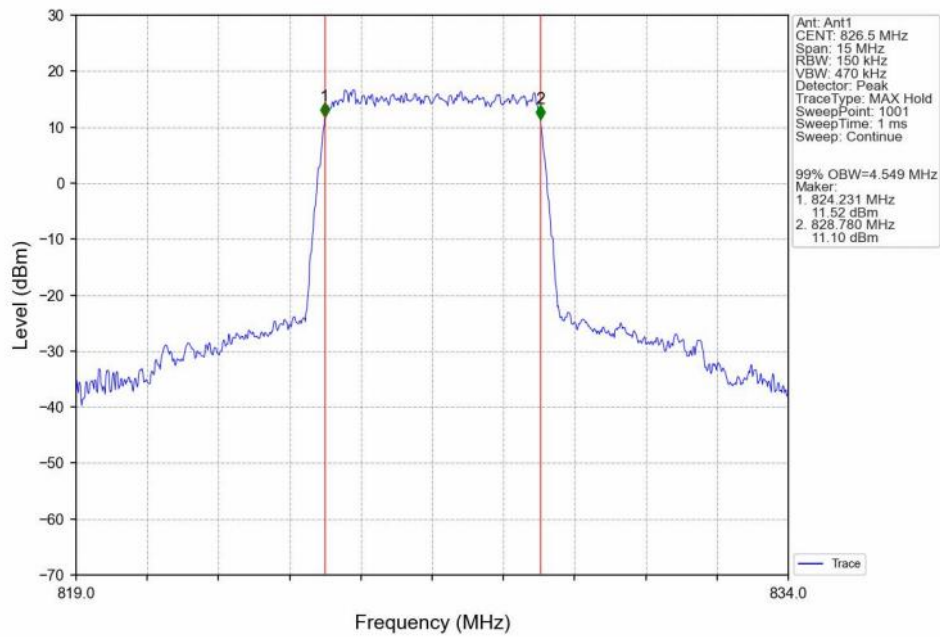
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



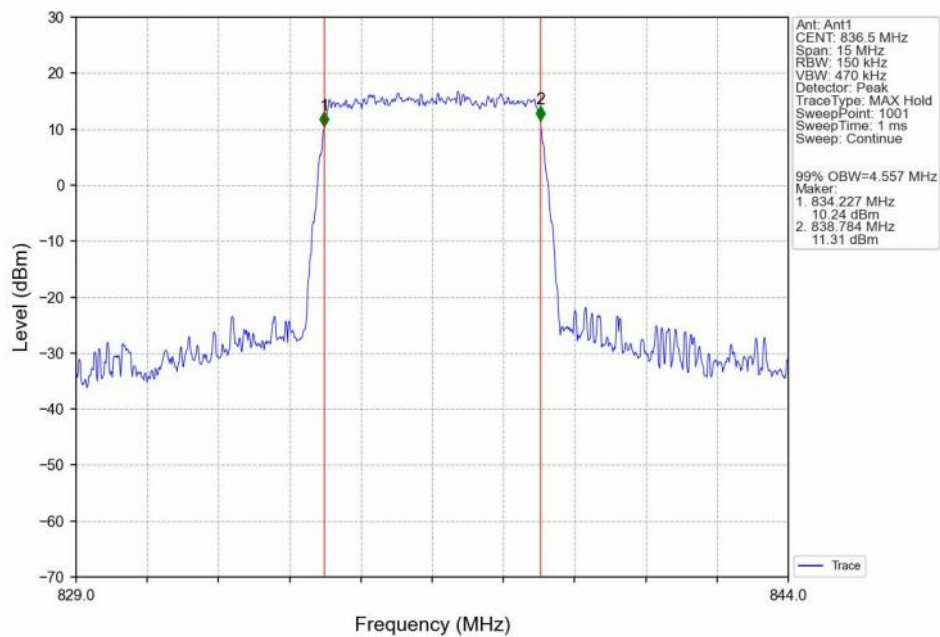
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



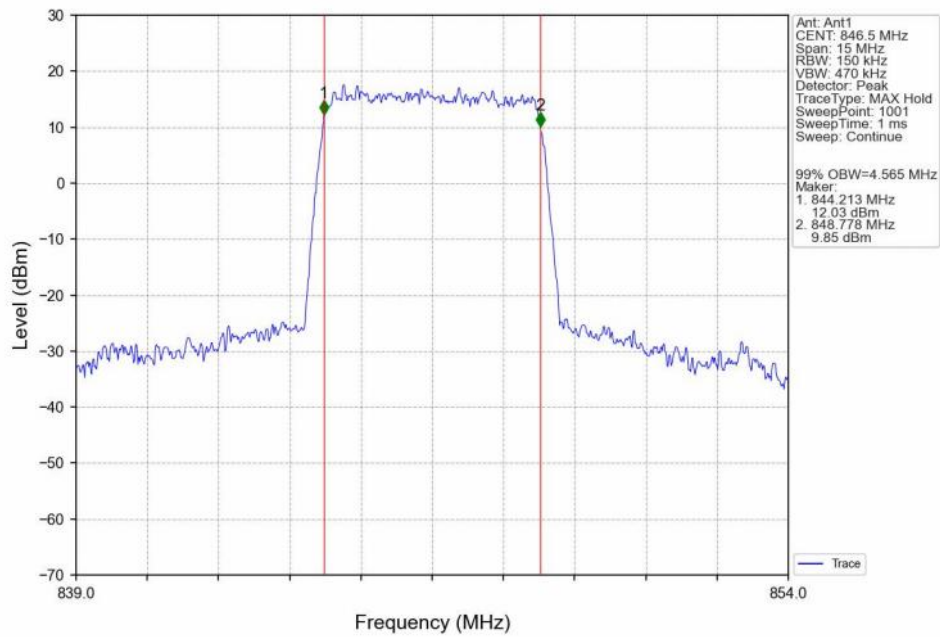
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



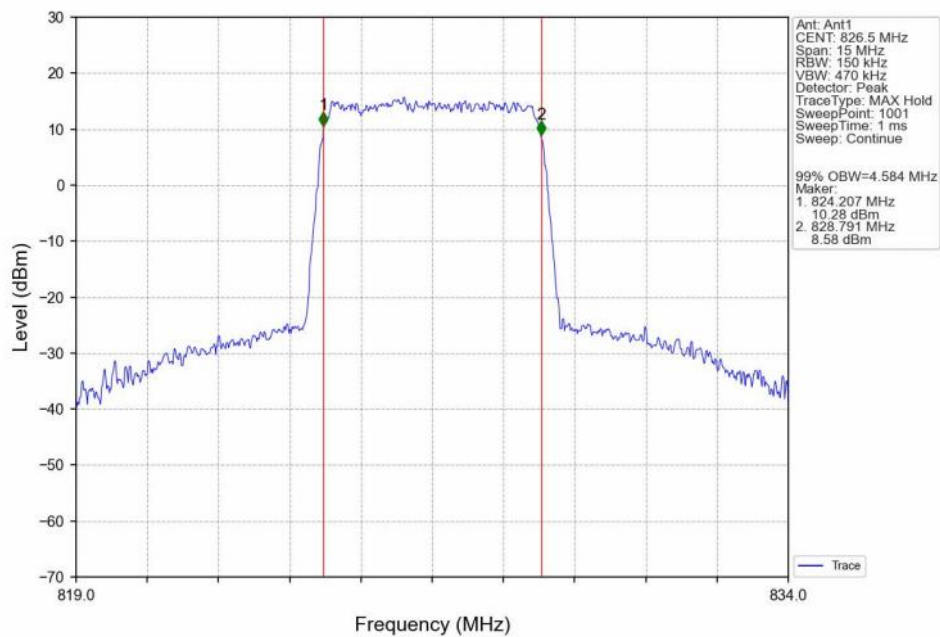
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



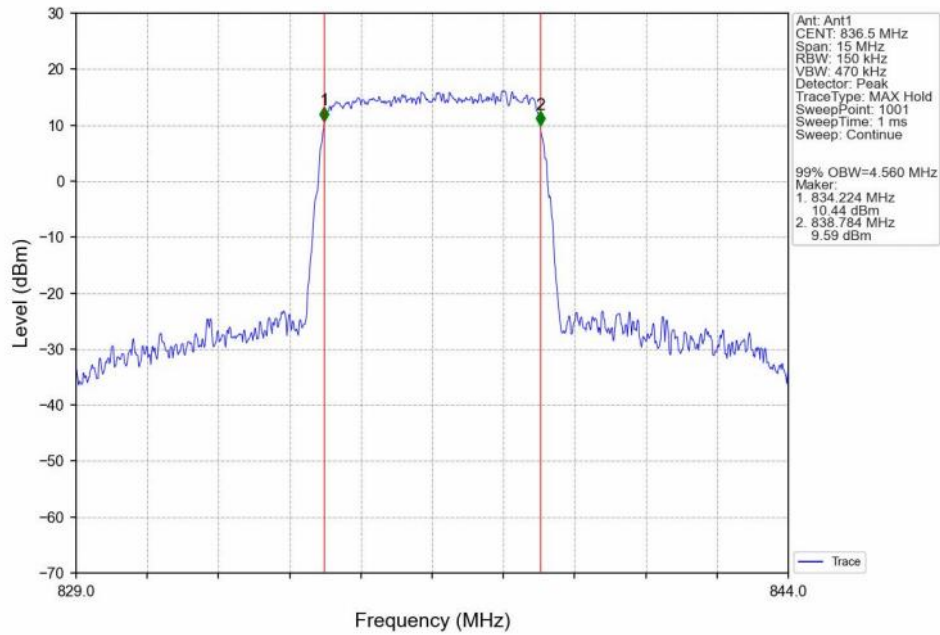
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



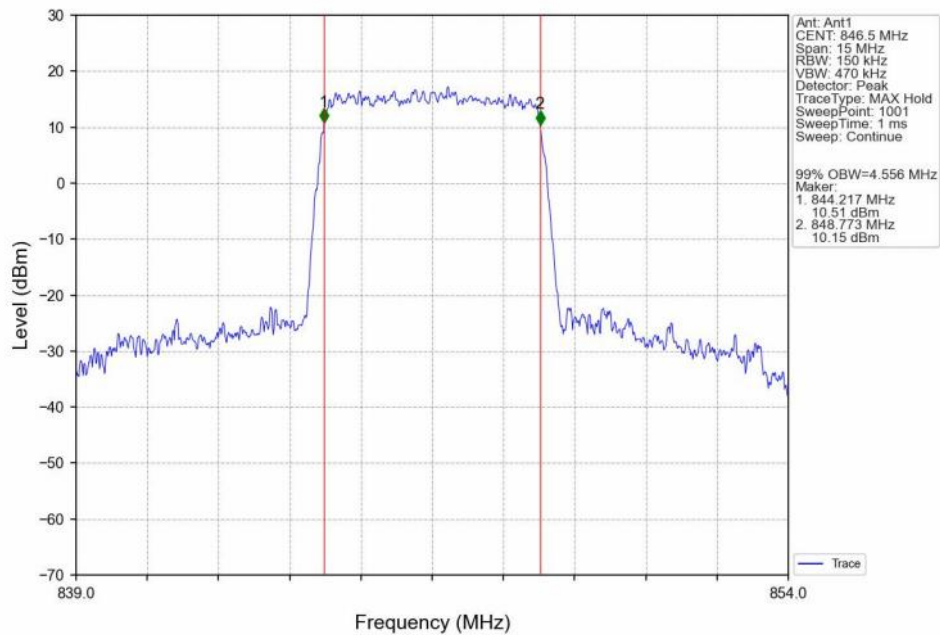
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



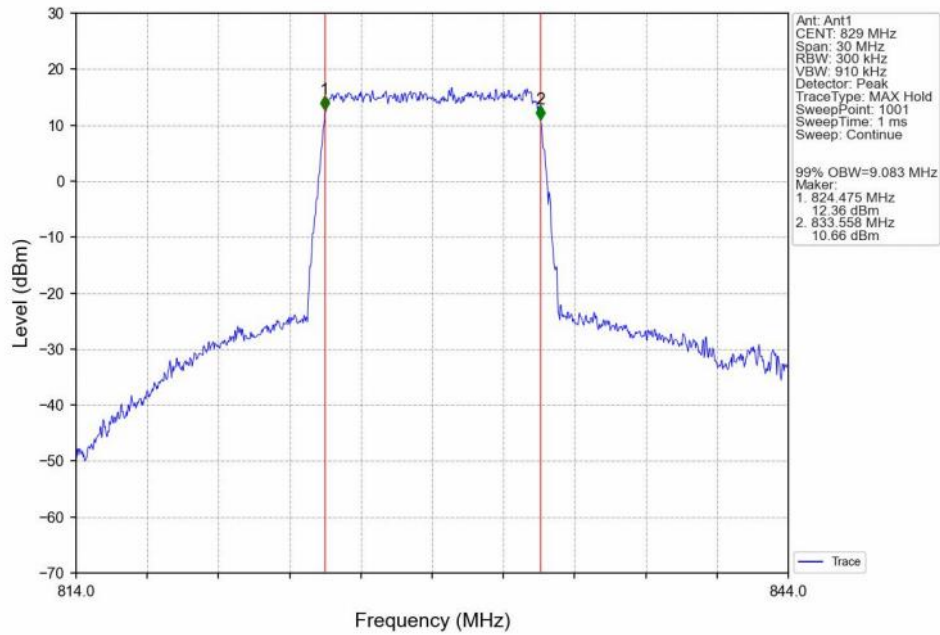
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



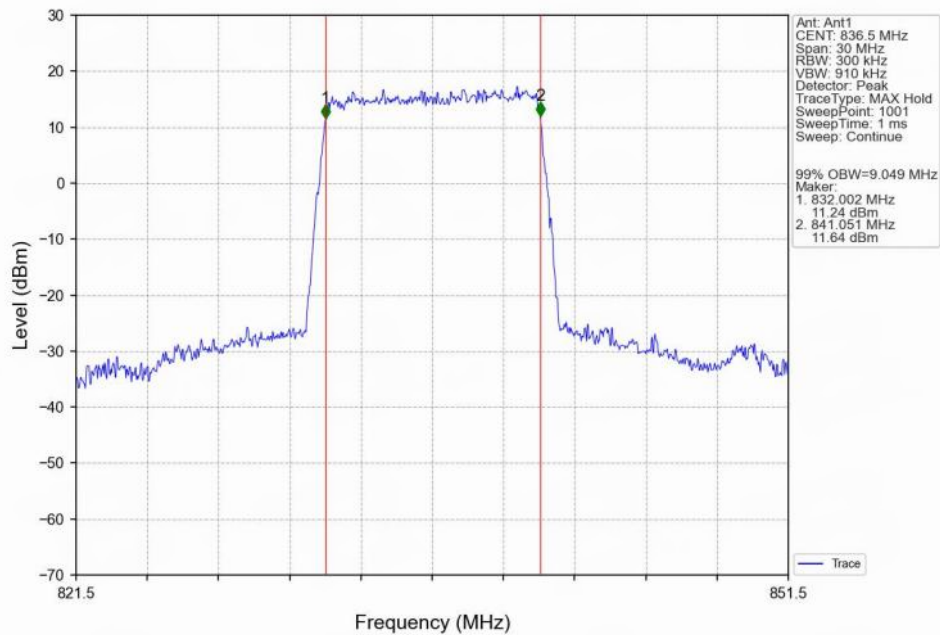
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



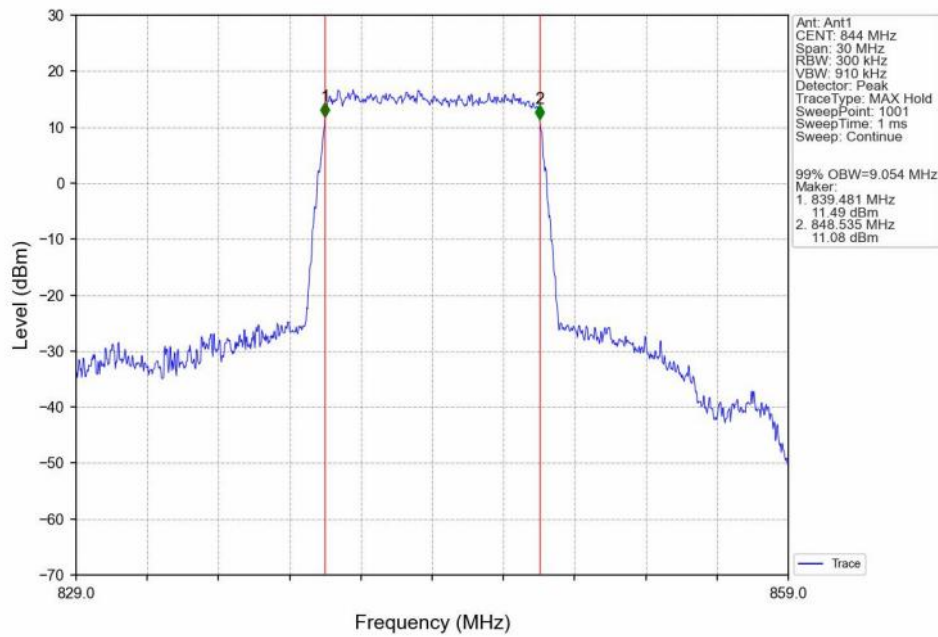
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



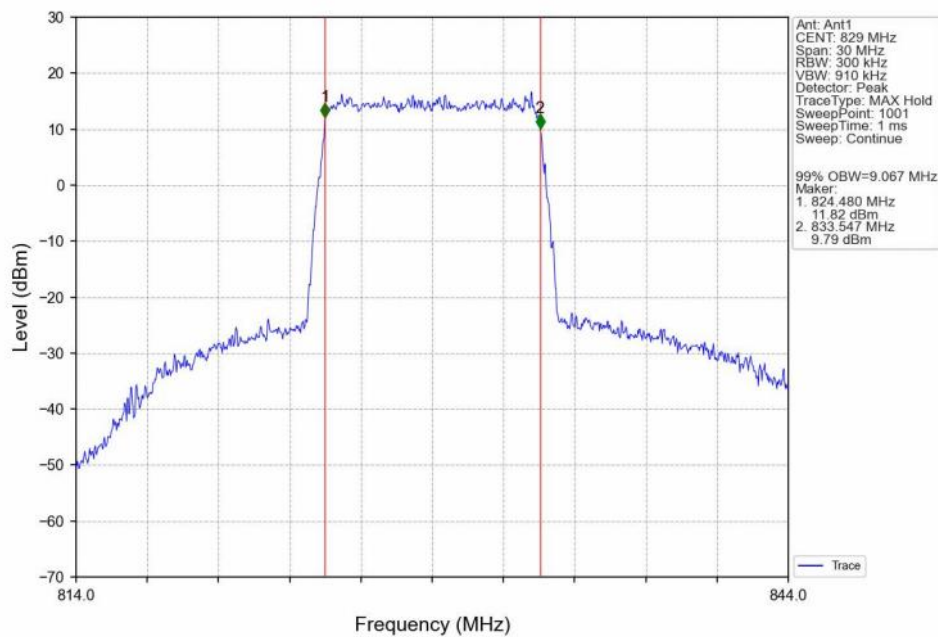
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



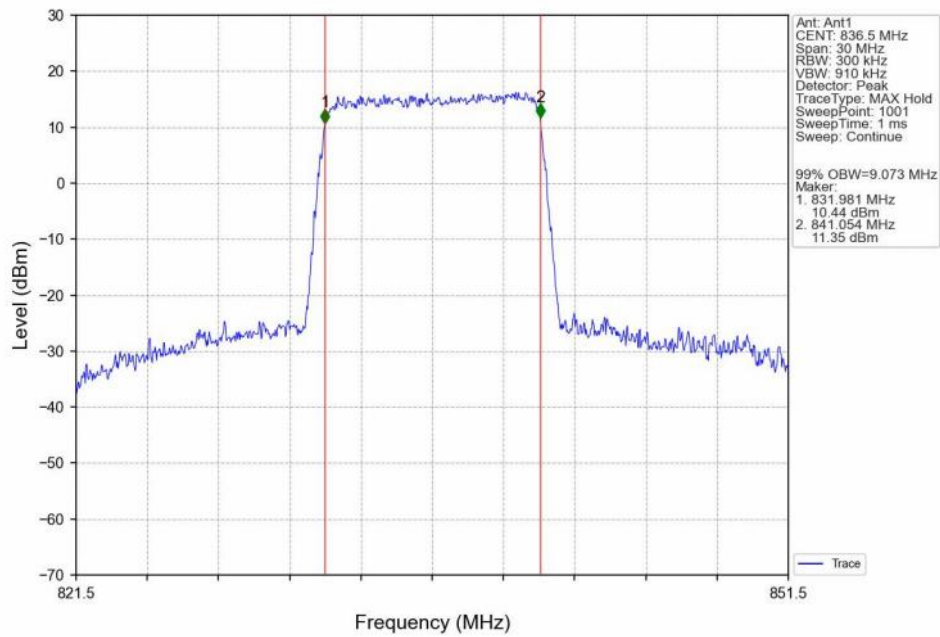
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



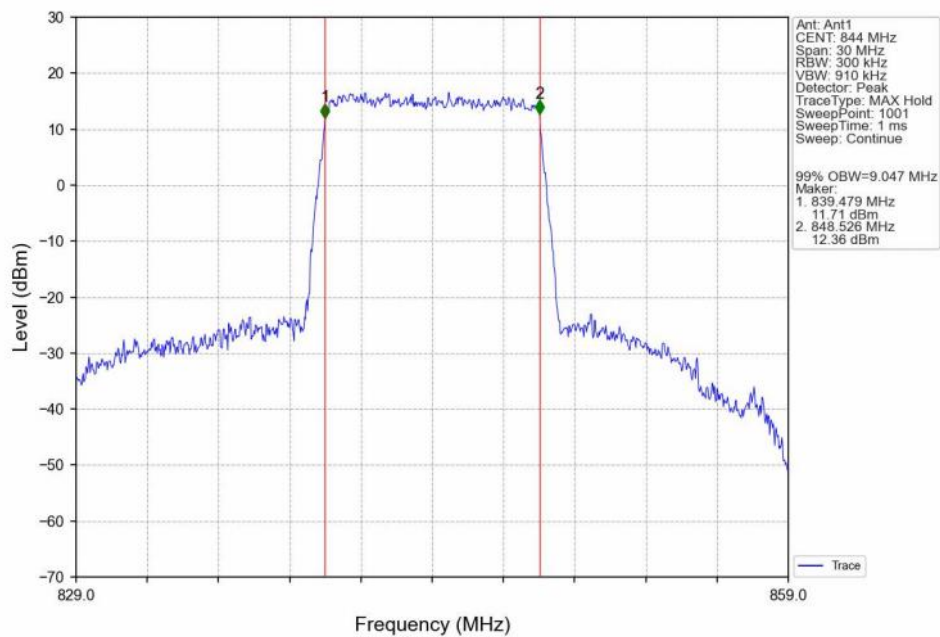
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



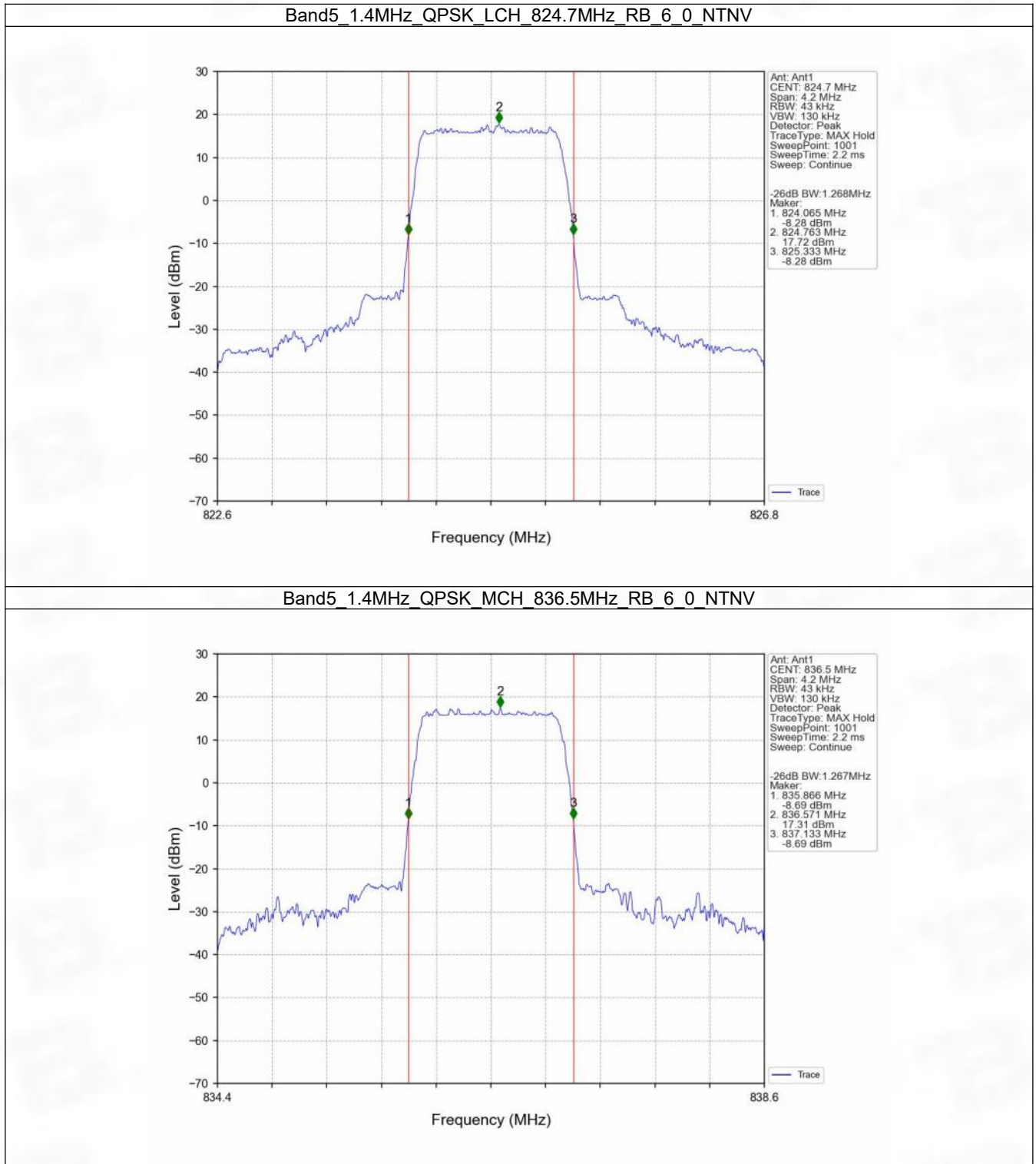
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



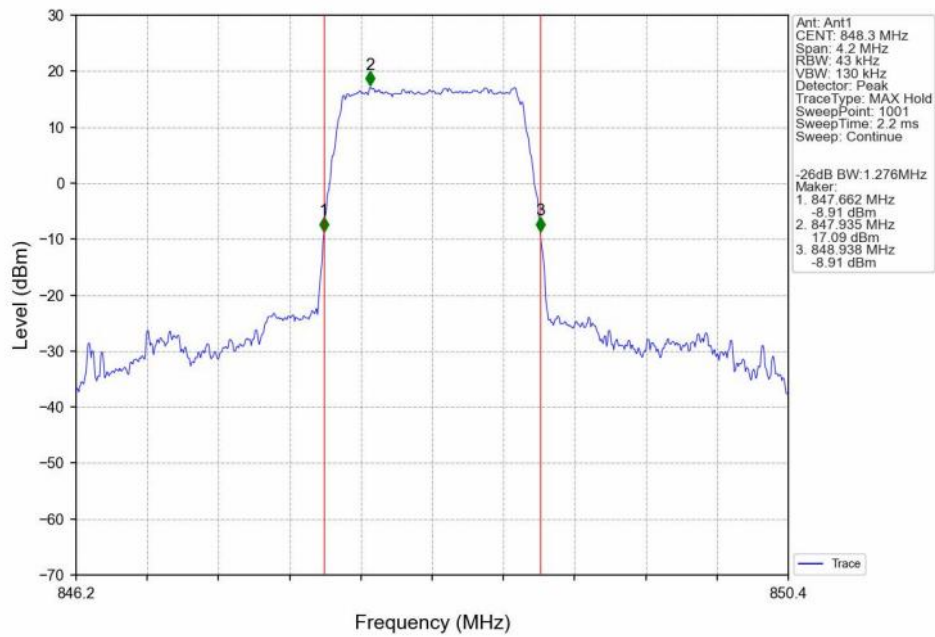
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



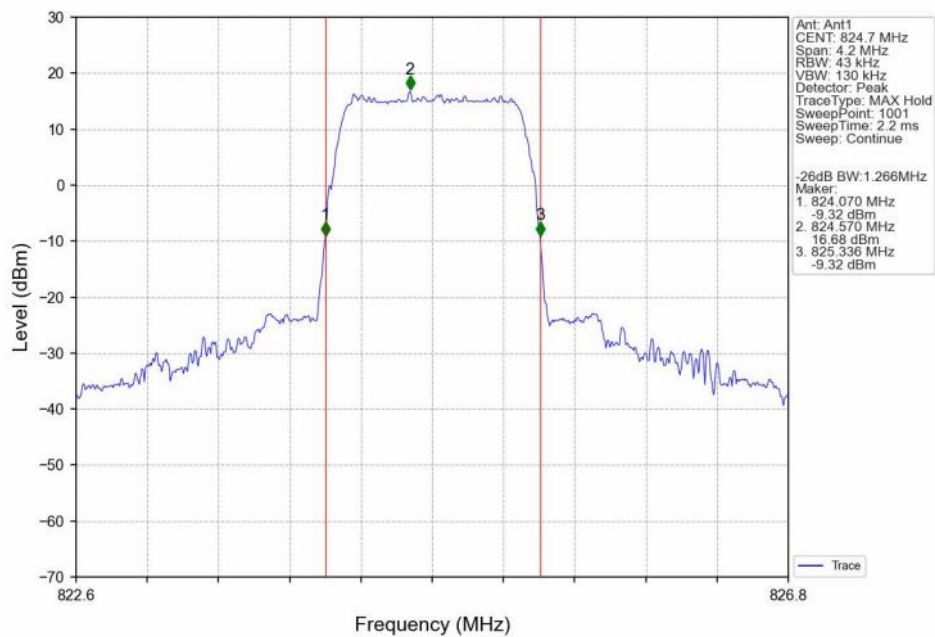
4.2.2 Band5_XDB



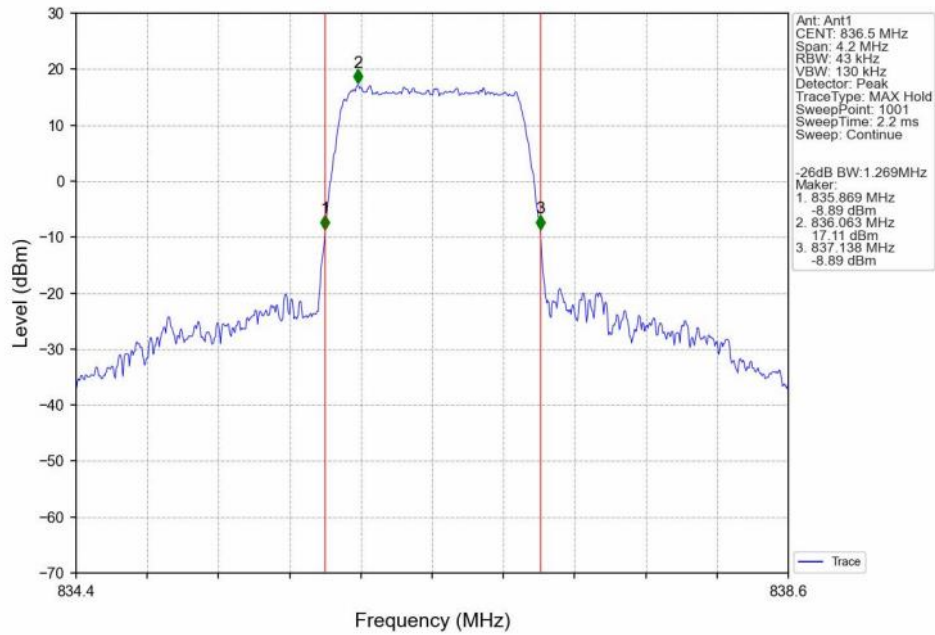
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



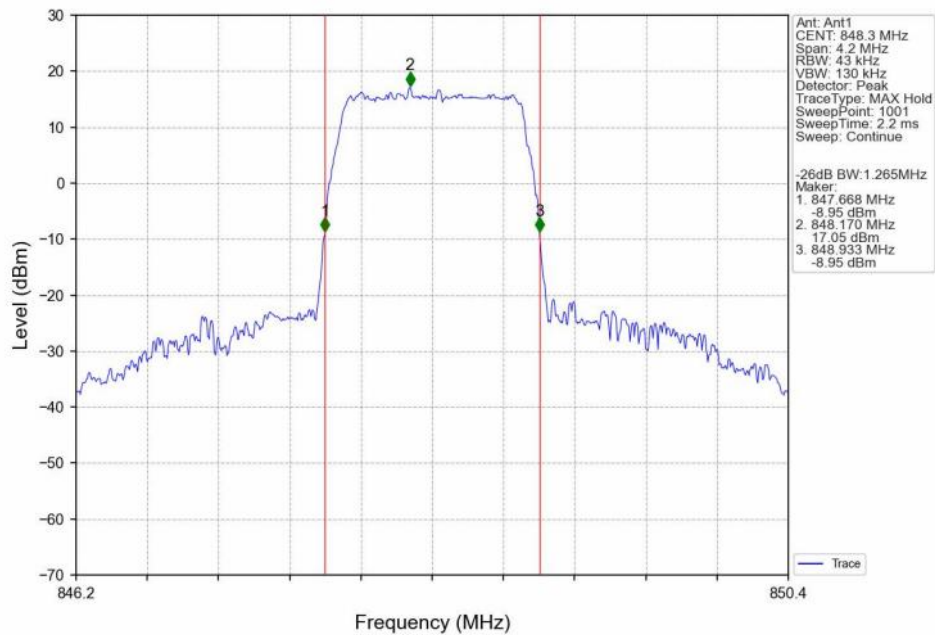
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



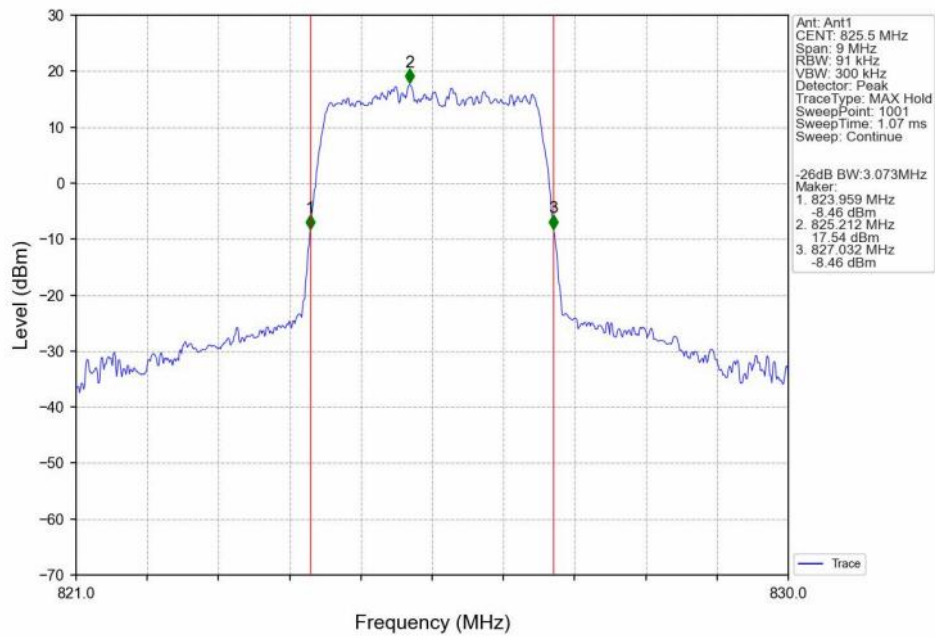
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



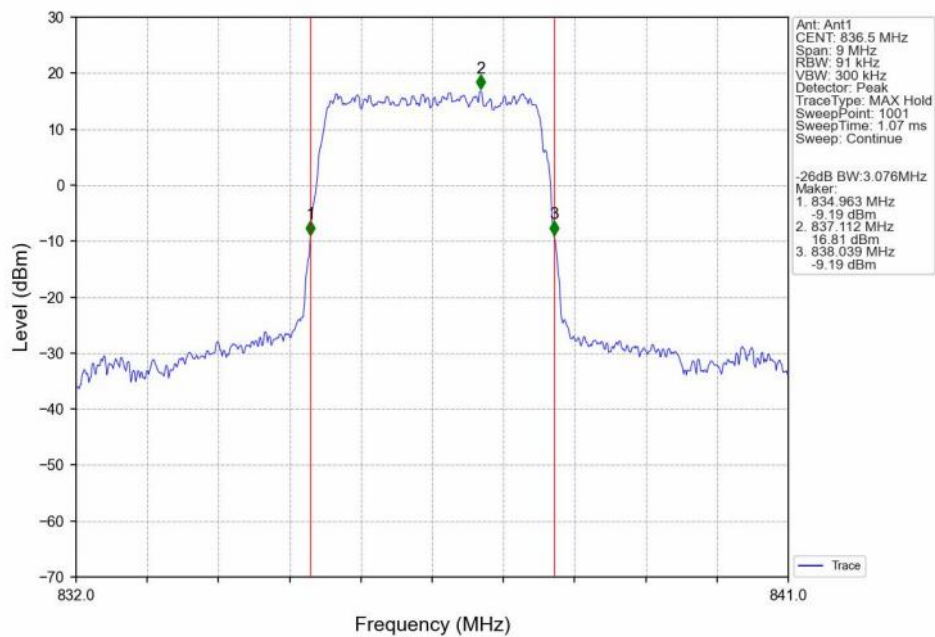
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



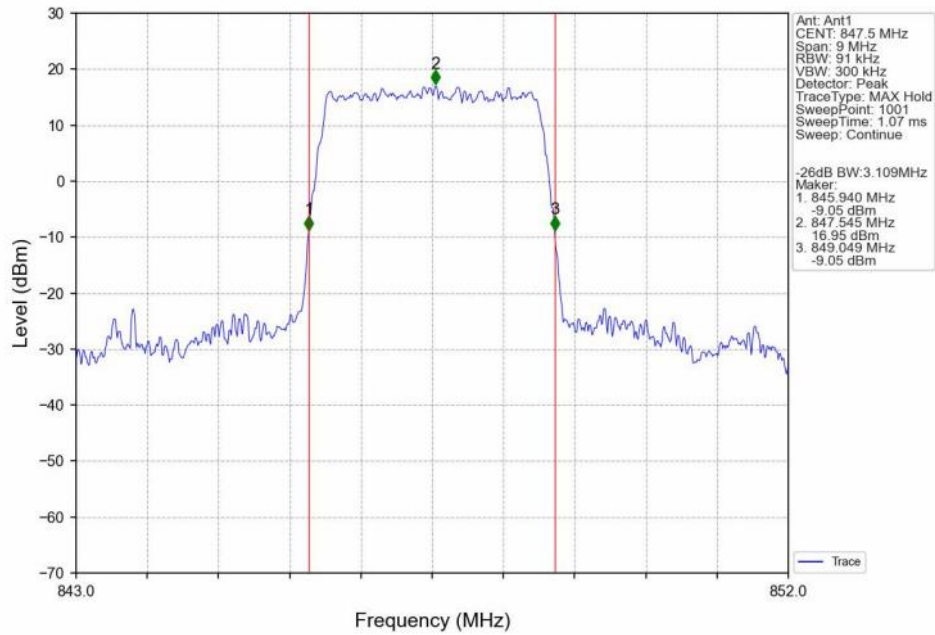
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



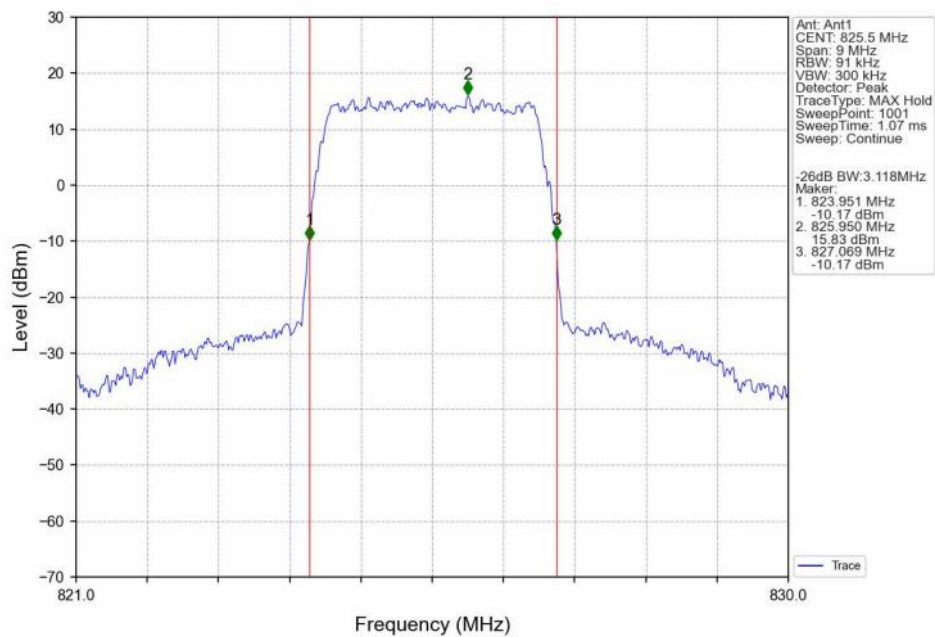
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



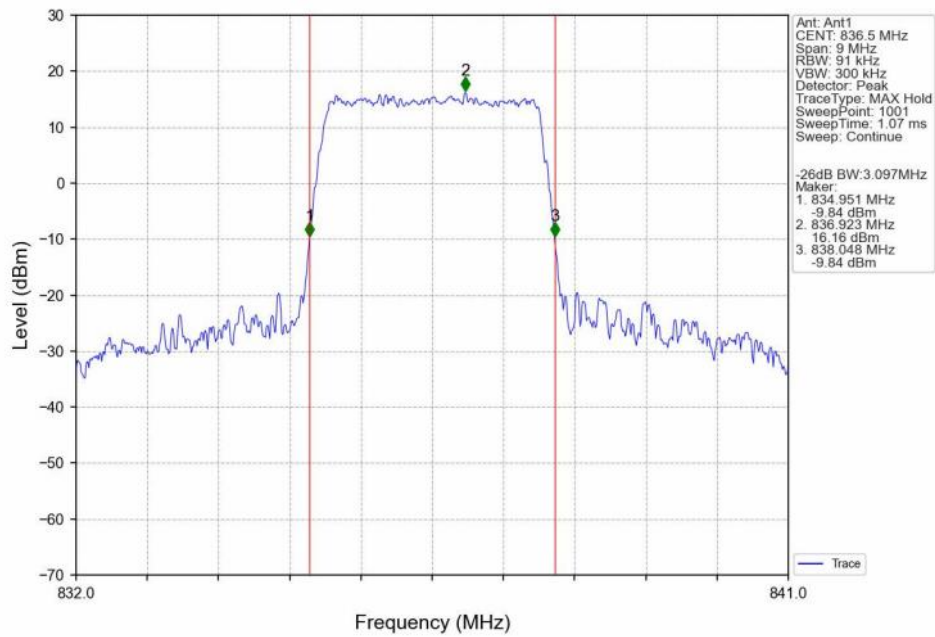
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



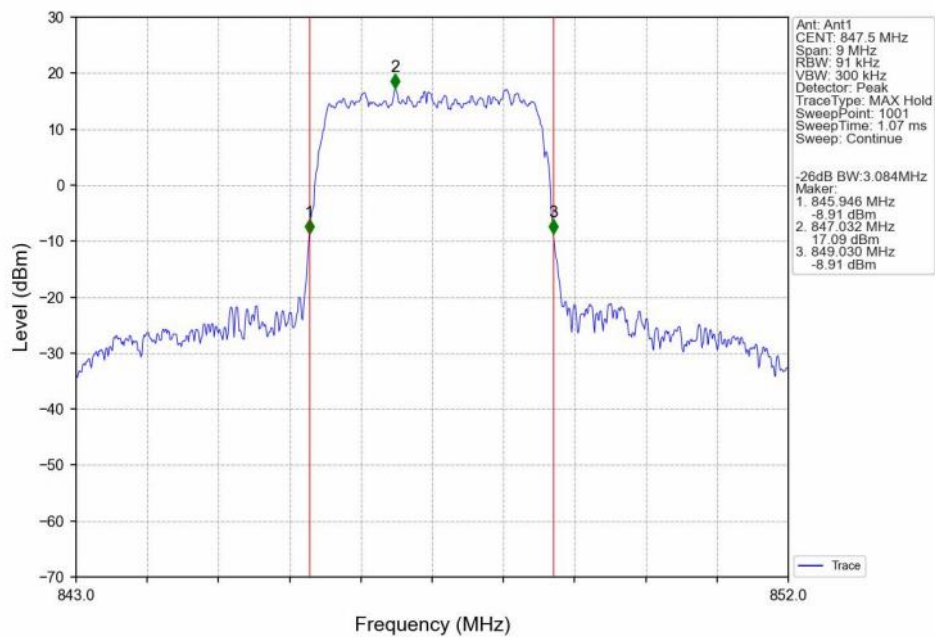
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



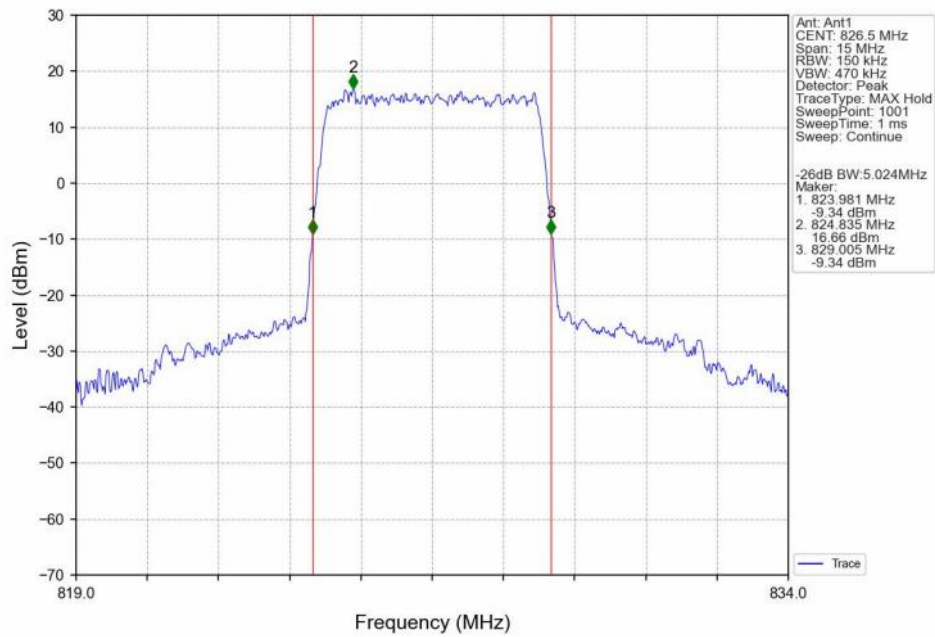
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



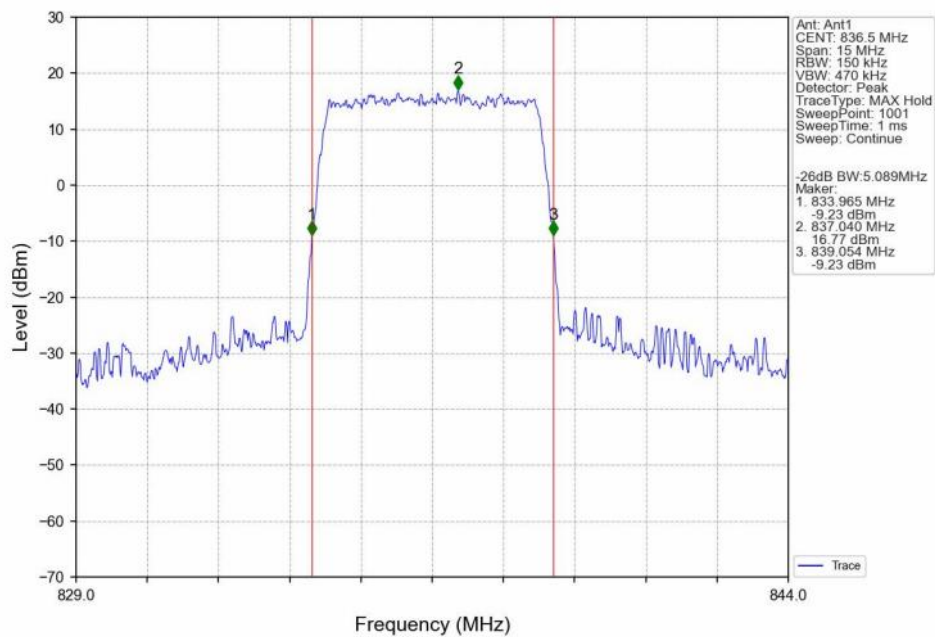
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



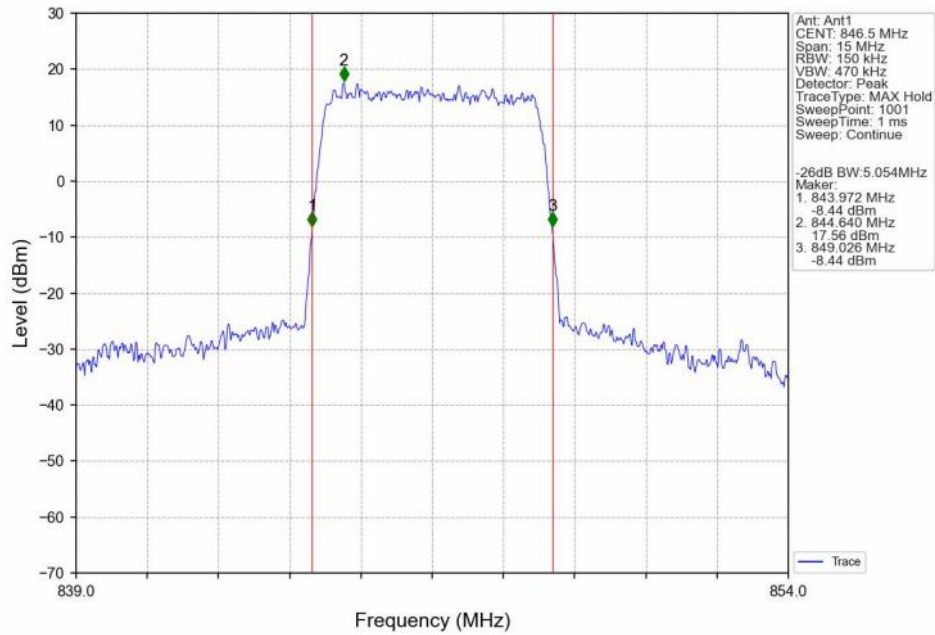
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



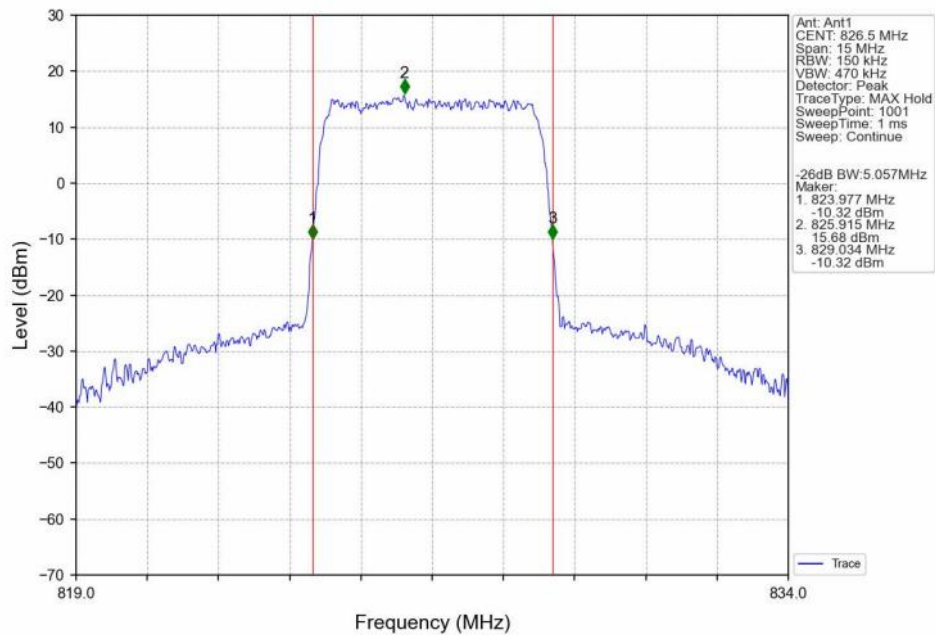
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



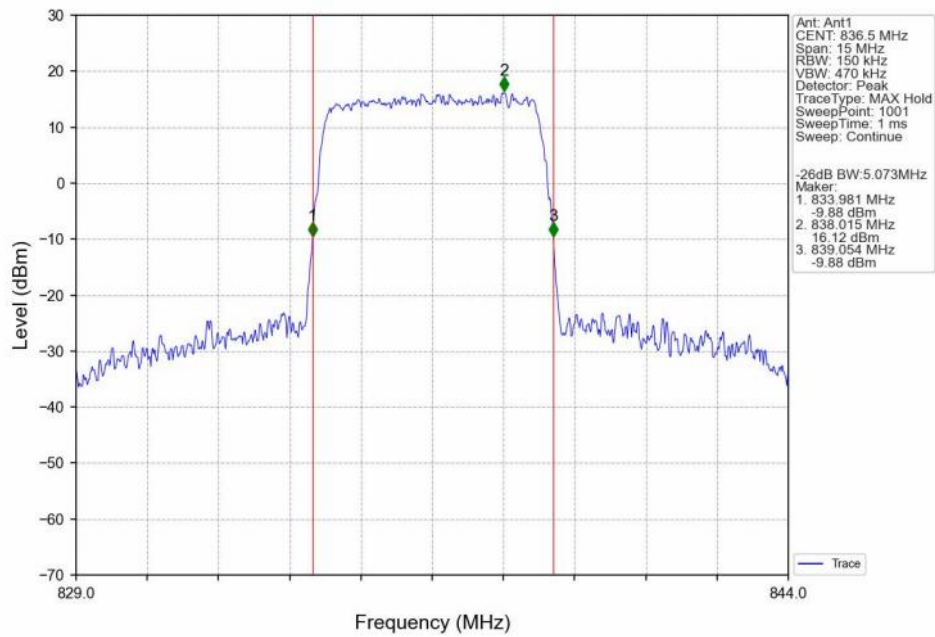
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



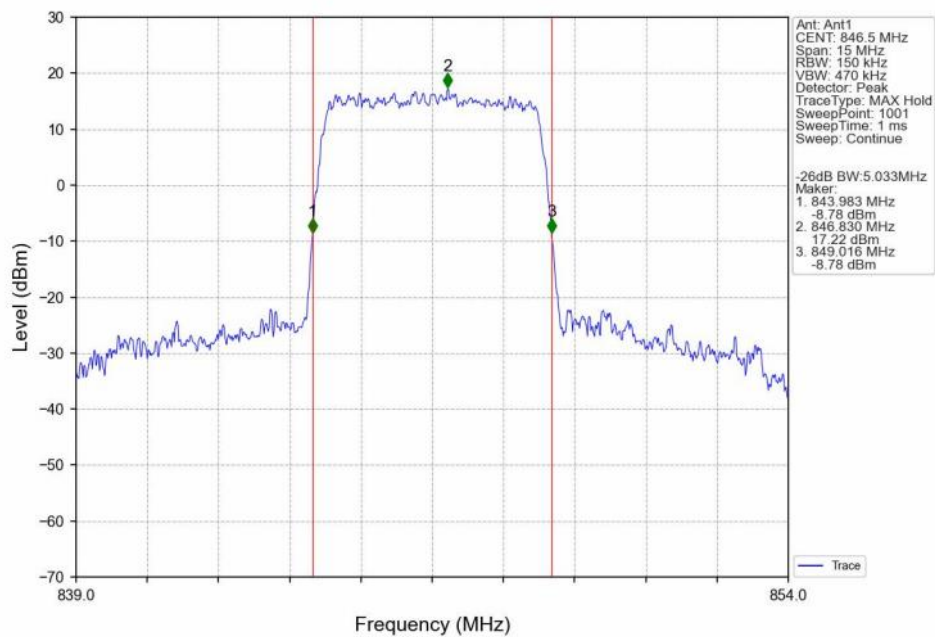
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



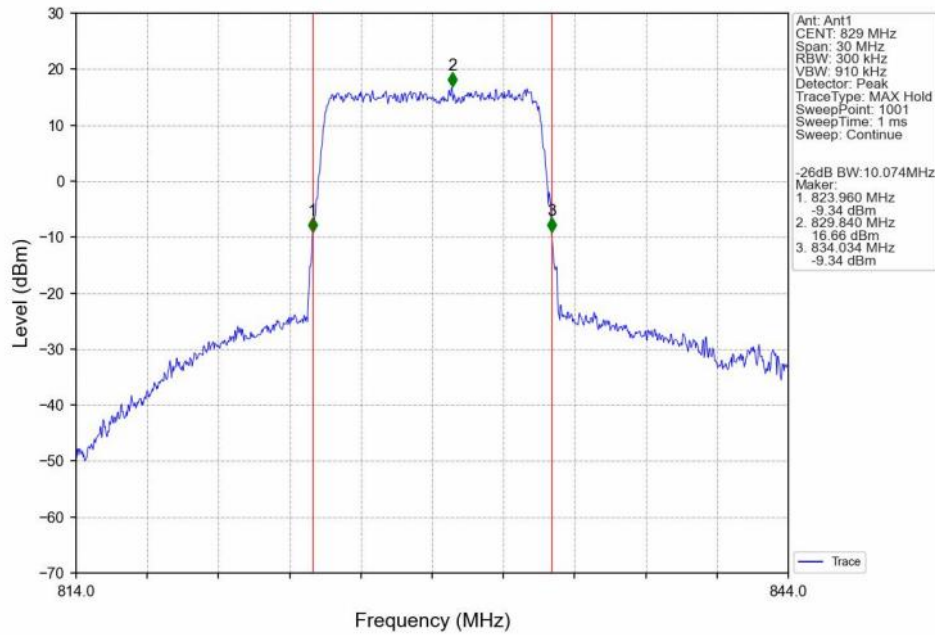
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



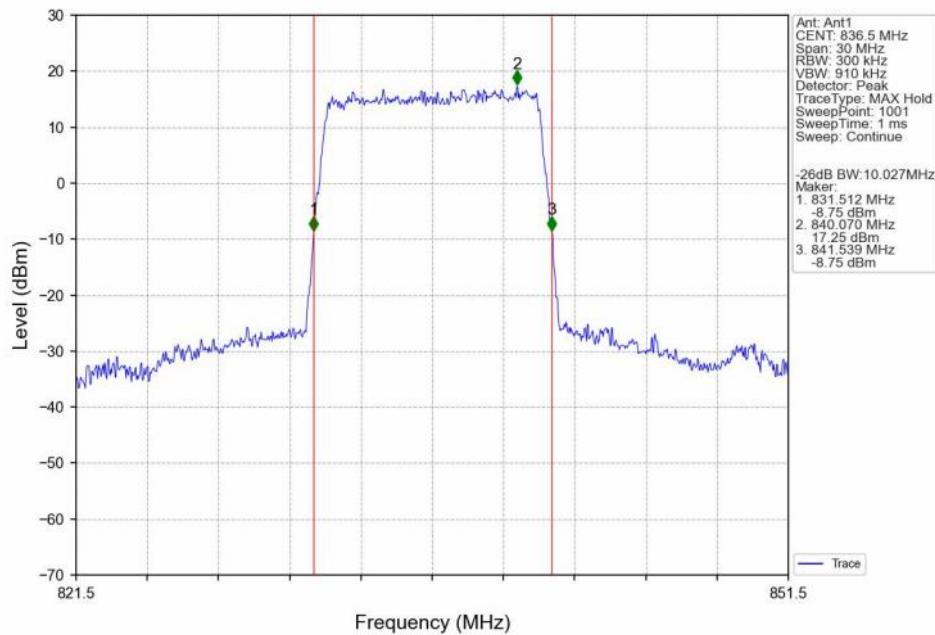
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



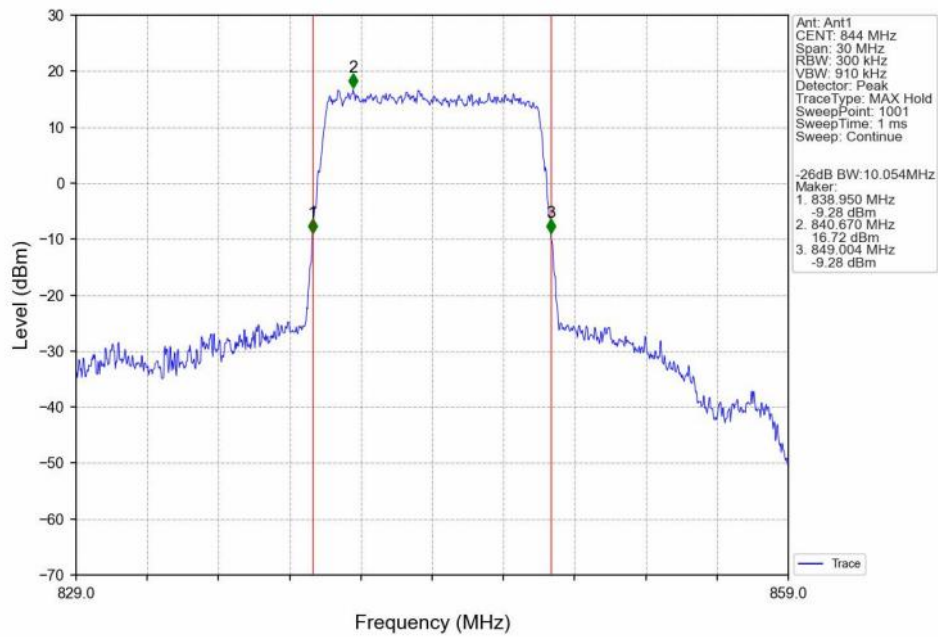
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



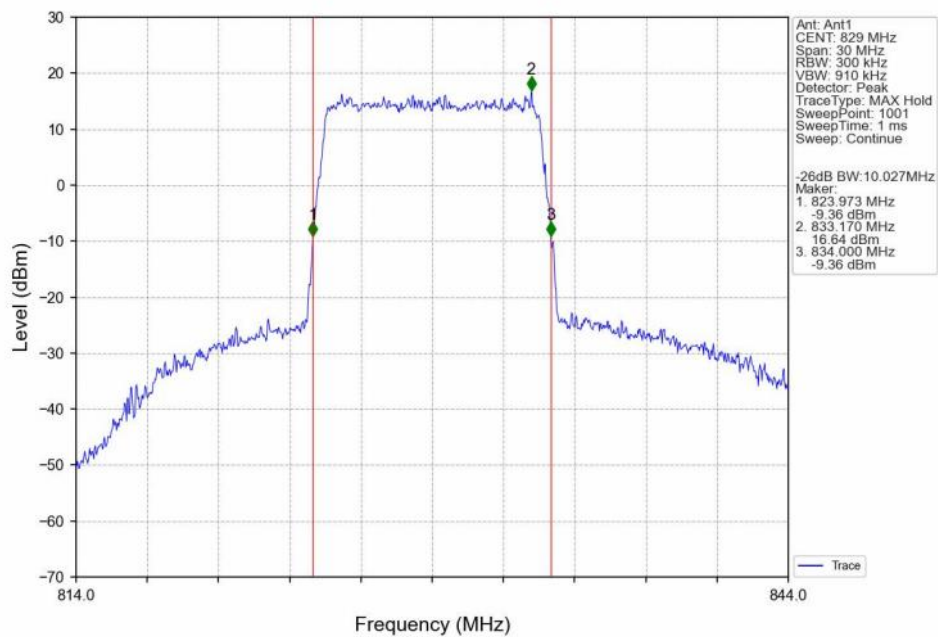
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



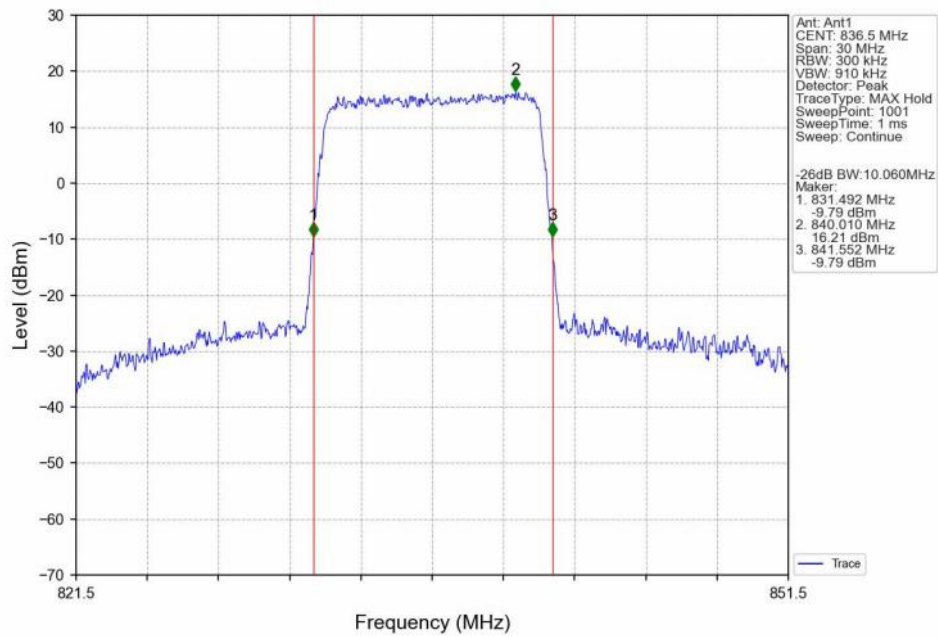
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



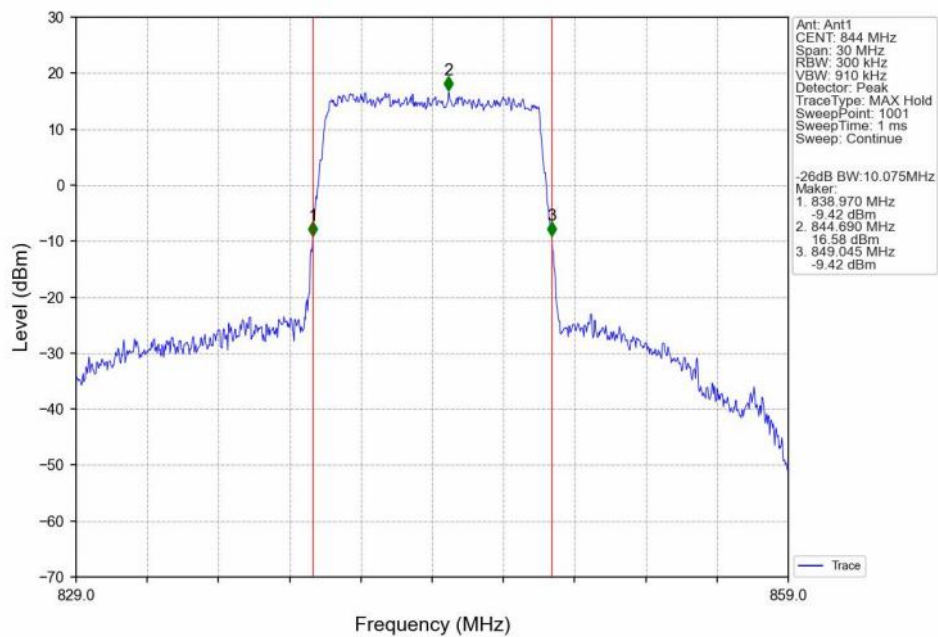
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.86	≤ 13	Pass
	836.5	6	0	5.63	≤ 13	Pass
	848.3	6	0	5.43	≤ 13	Pass
16QAM	824.7	6	0	6.57	≤ 13	Pass
	836.5	6	0	6.30	≤ 13	Pass
	848.3	6	0	6.19	≤ 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	5.86	≤ 13	Pass
	836.5	15	0	5.71	≤ 13	Pass
	847.5	15	0	5.69	≤ 13	Pass
16QAM	825.5	15	0	6.66	≤ 13	Pass
	836.5	15	0	6.41	≤ 13	Pass
	847.5	15	0	6.33	≤ 13	Pass

5.1.3 B5_5MHz

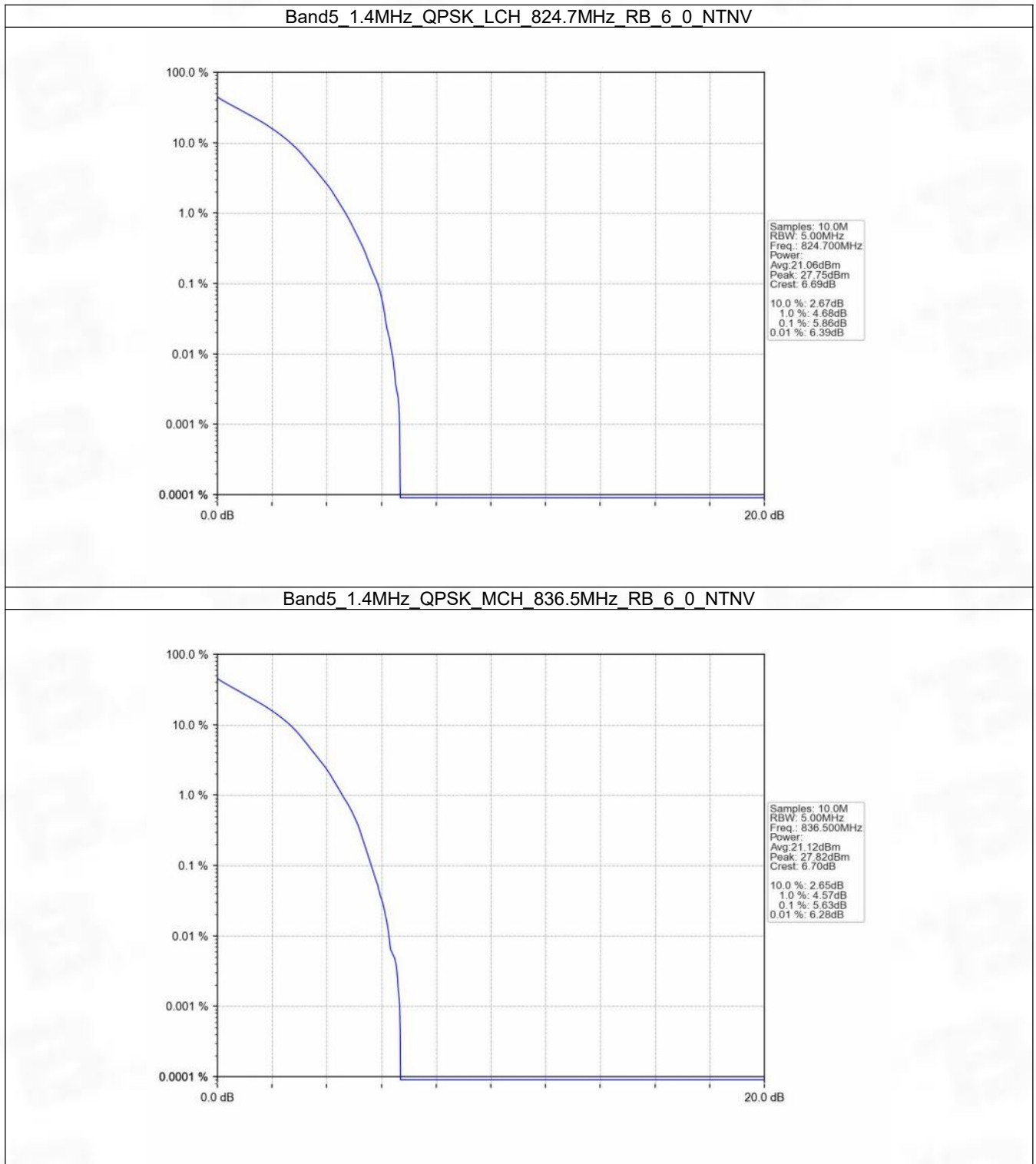
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.84	≤ 13	Pass
	836.5	25	0	5.78	≤ 13	Pass
	846.5	25	0	5.70	≤ 13	Pass
16QAM	826.5	25	0	6.64	≤ 13	Pass
	836.5	25	0	6.45	≤ 13	Pass
	846.5	25	0	6.33	≤ 13	Pass

5.1.4 B5_10MHz

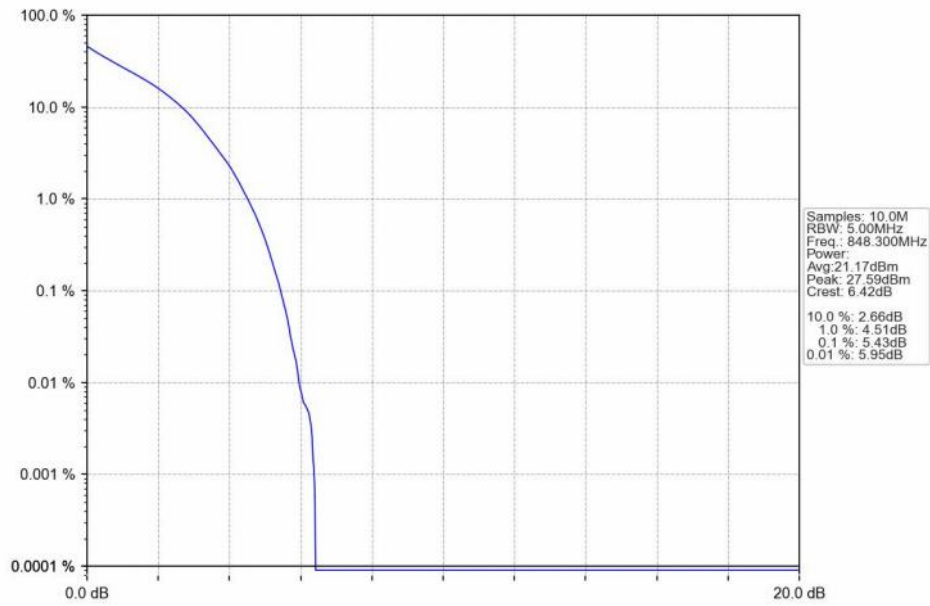
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.88	≤ 13	Pass
	836.5	50	0	5.78	≤ 13	Pass
	844	50	0	5.75	≤ 13	Pass
16QAM	829	50	0	6.63	≤ 13	Pass
	836.5	50	0	6.50	≤ 13	Pass
	844	50	0	6.37	≤ 13	Pass

5.2 Test Graph

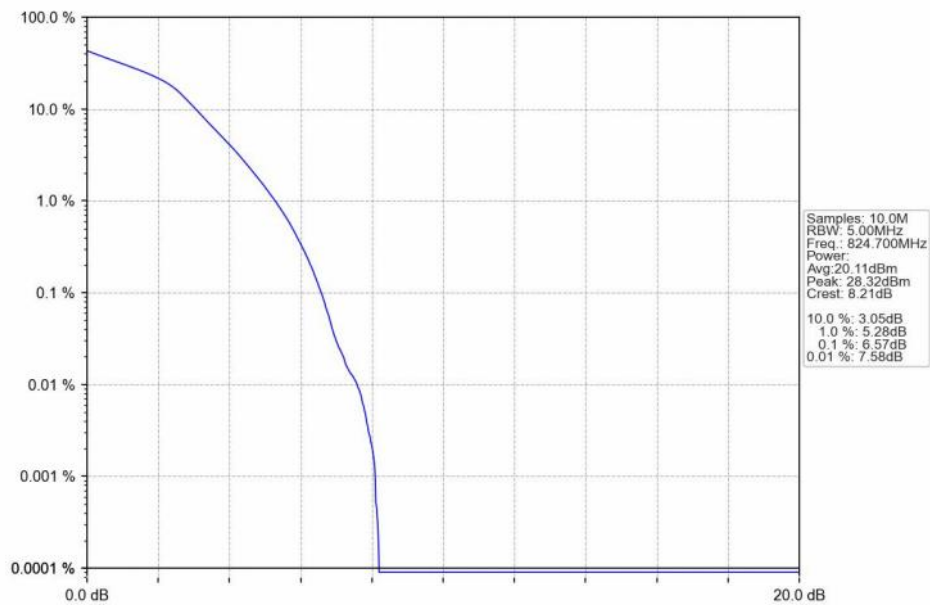
5.2.1 B5_1.4MHz



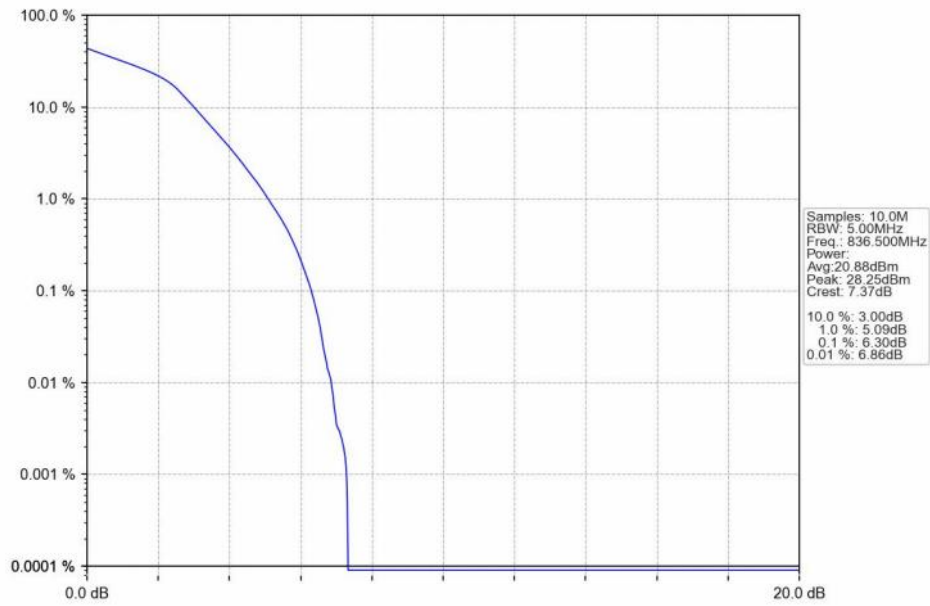
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



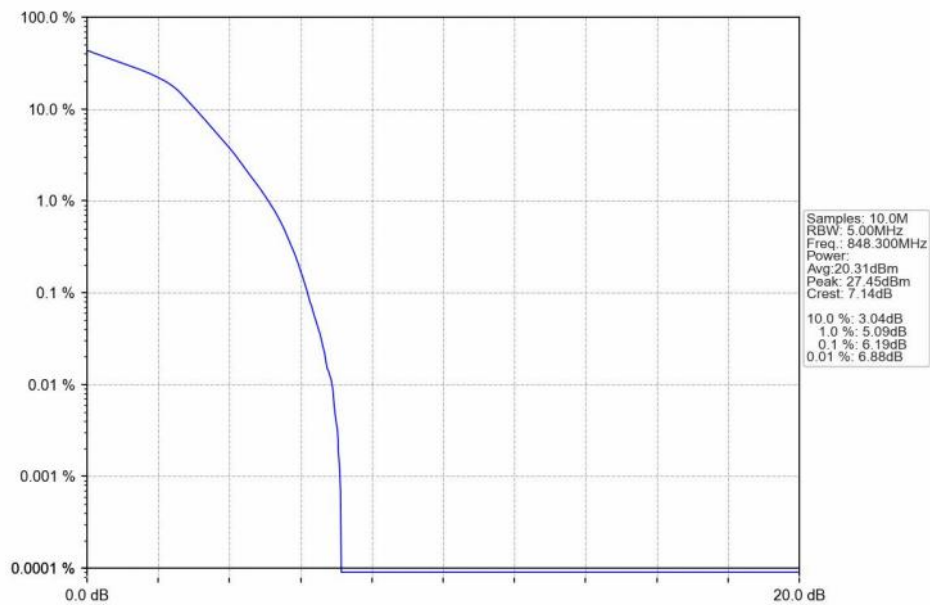
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



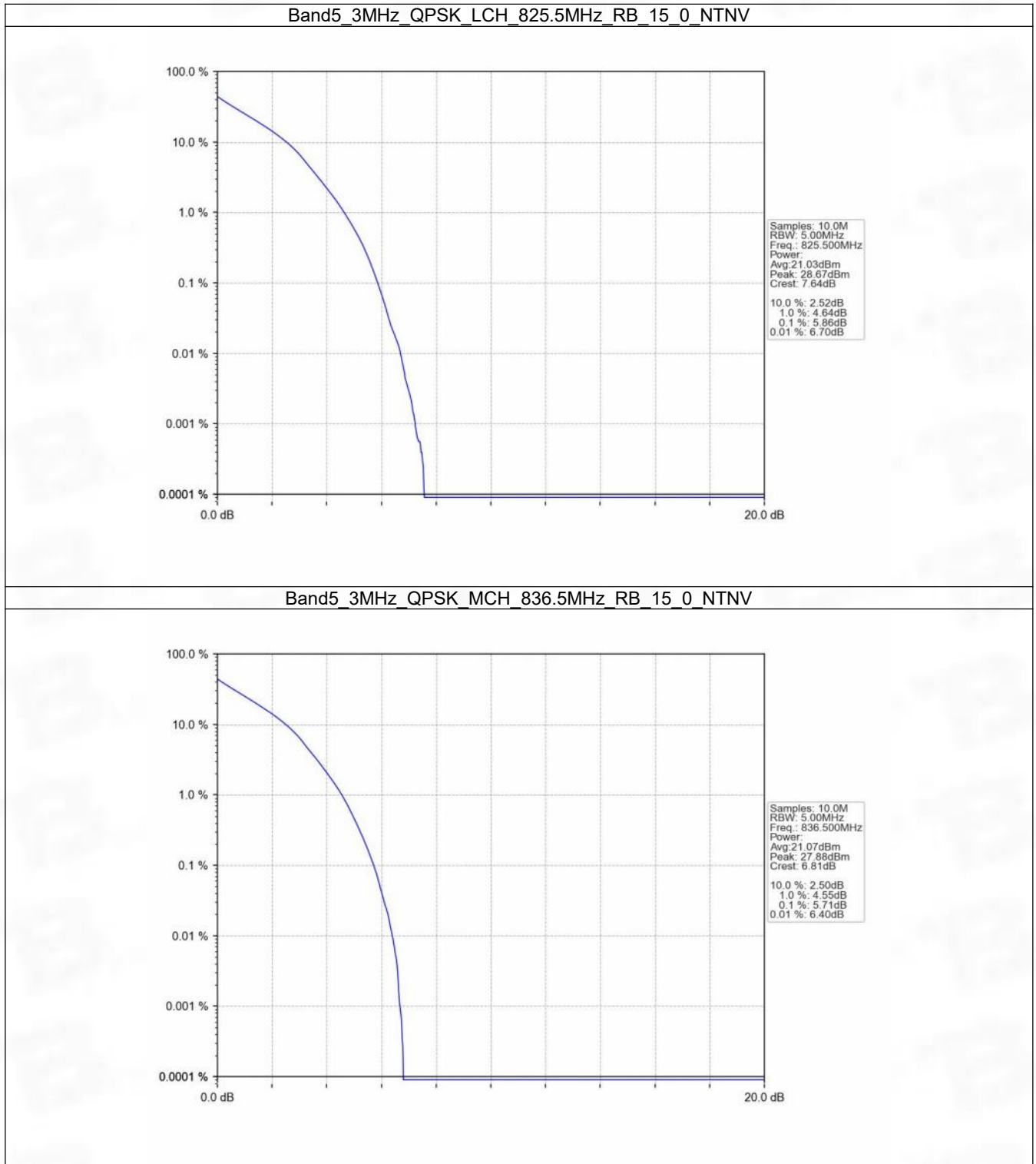
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



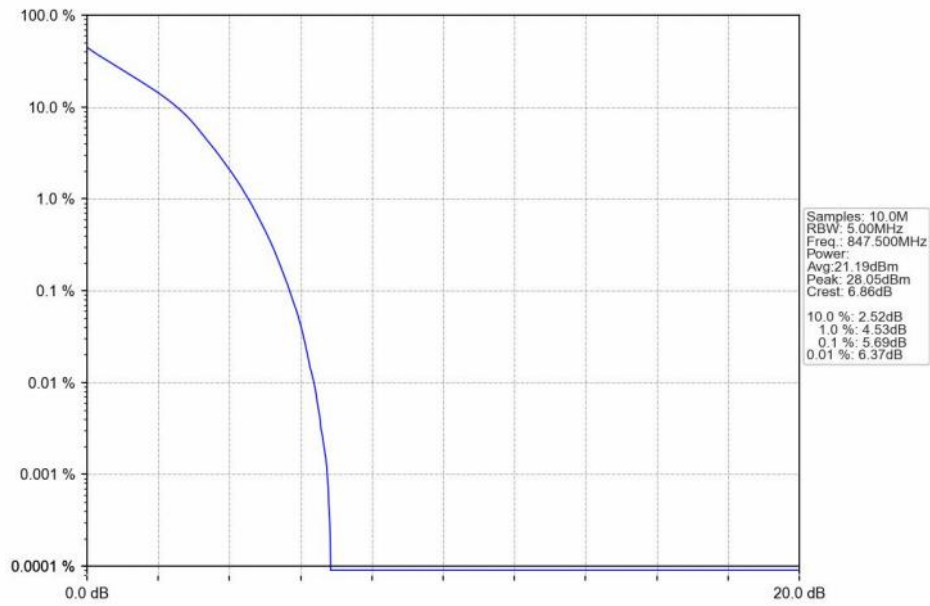
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



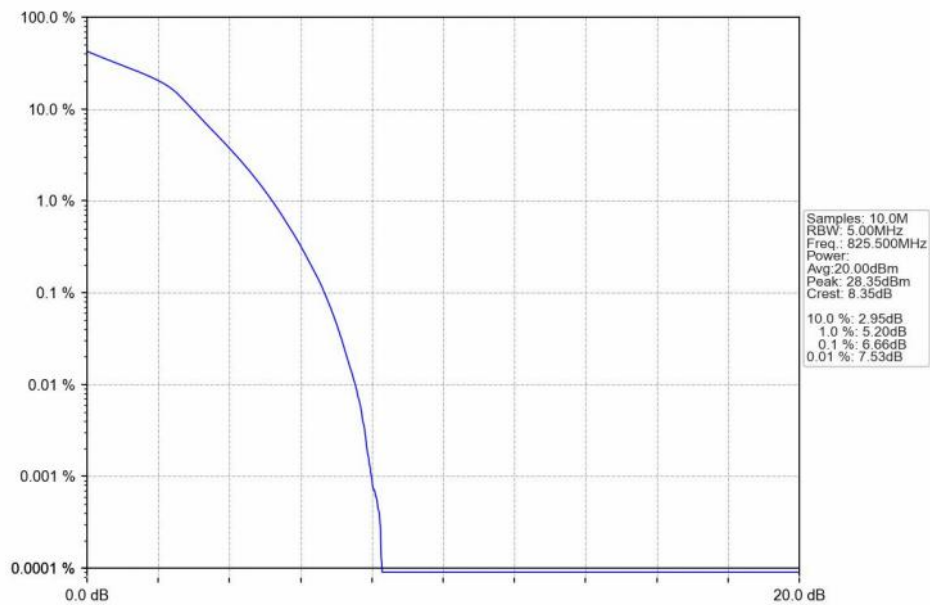
5.2.2 B5_3MHz



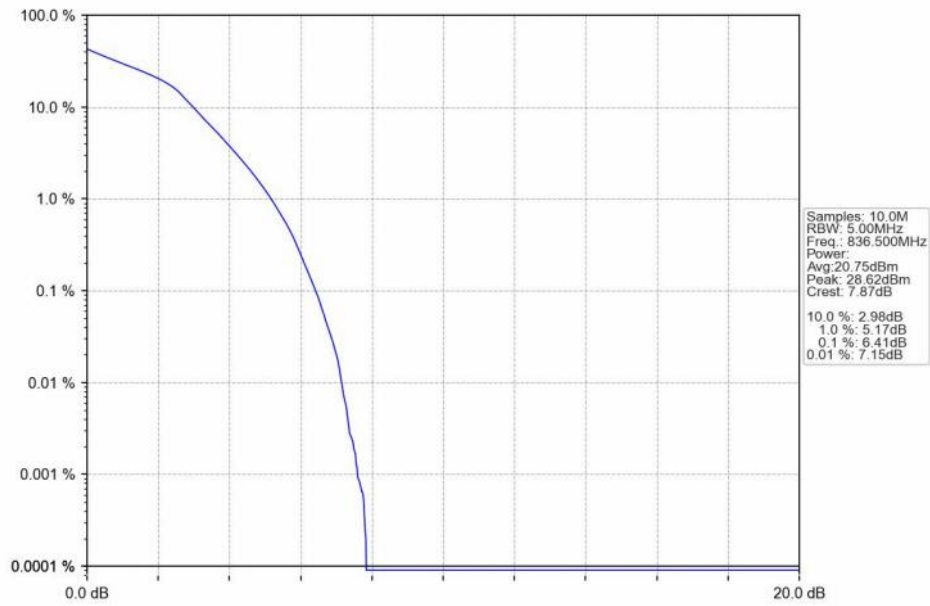
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



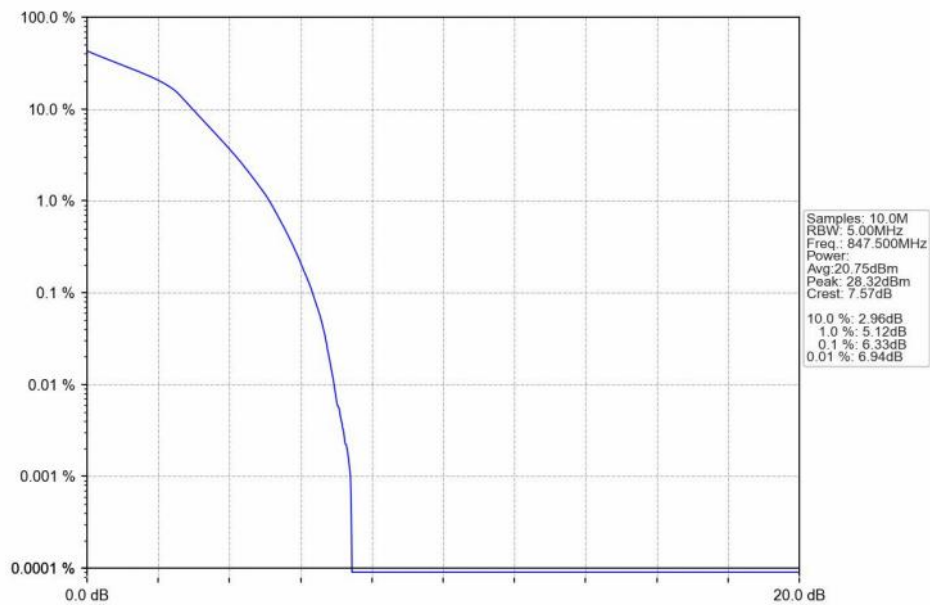
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



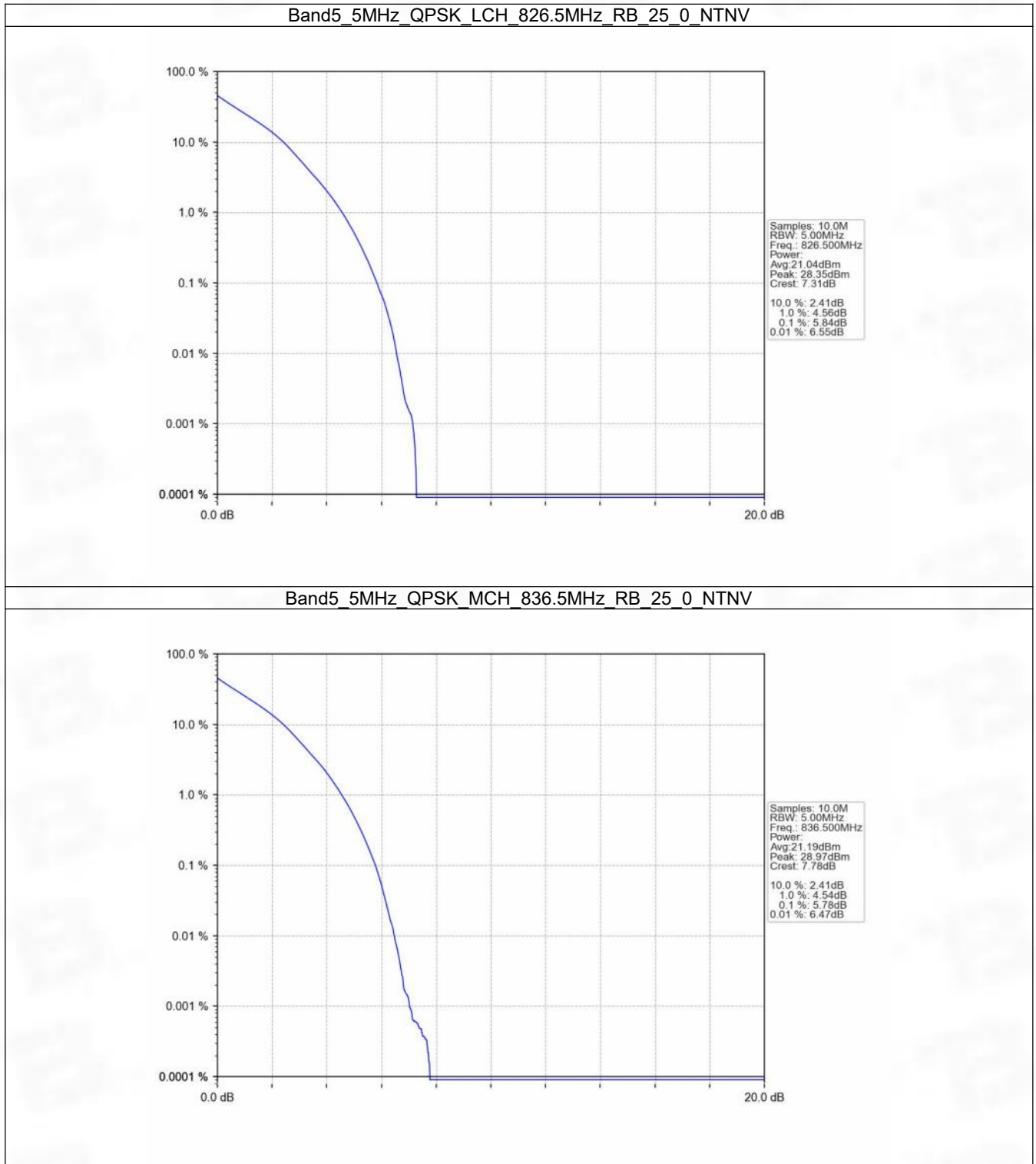
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



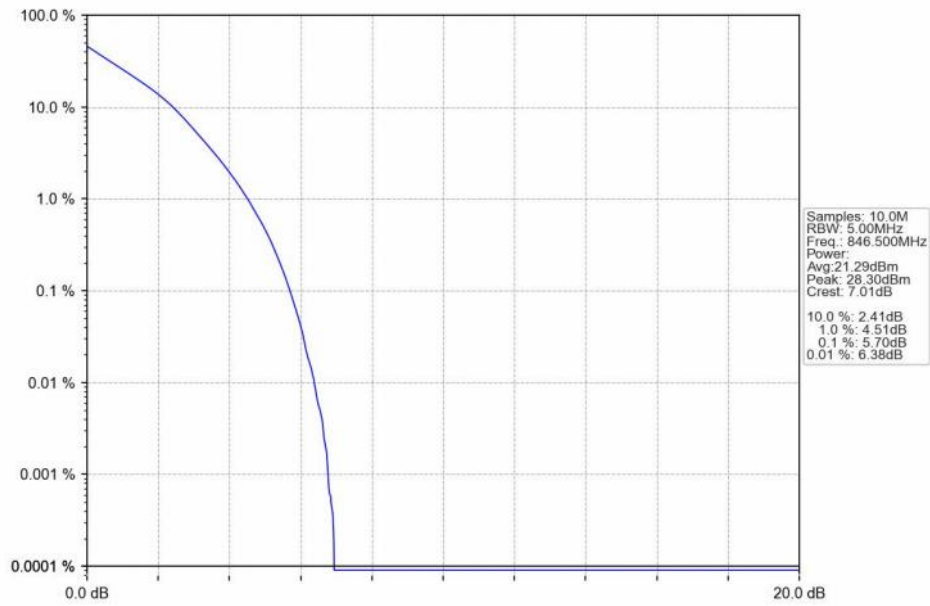
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



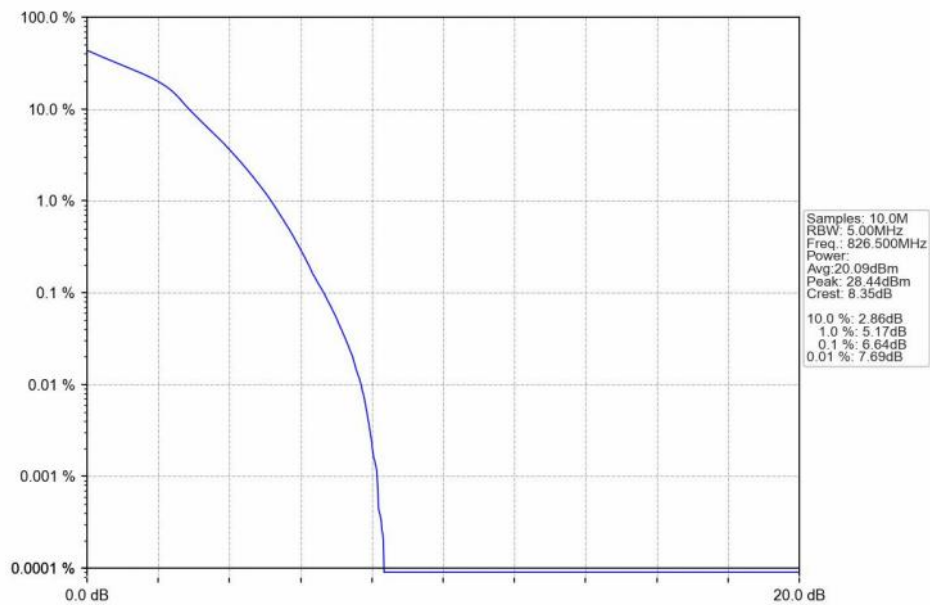
5.2.3 B5_5MHz



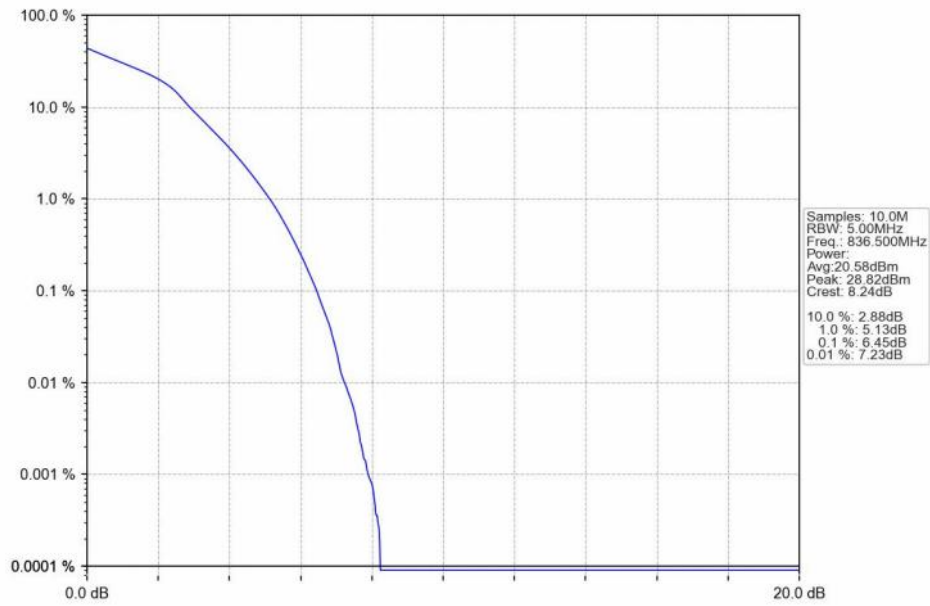
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



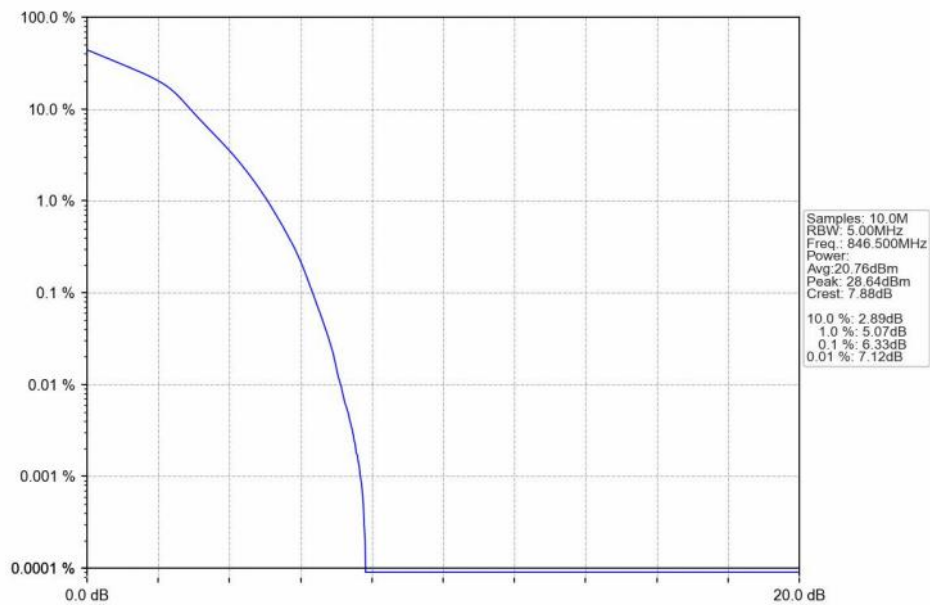
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



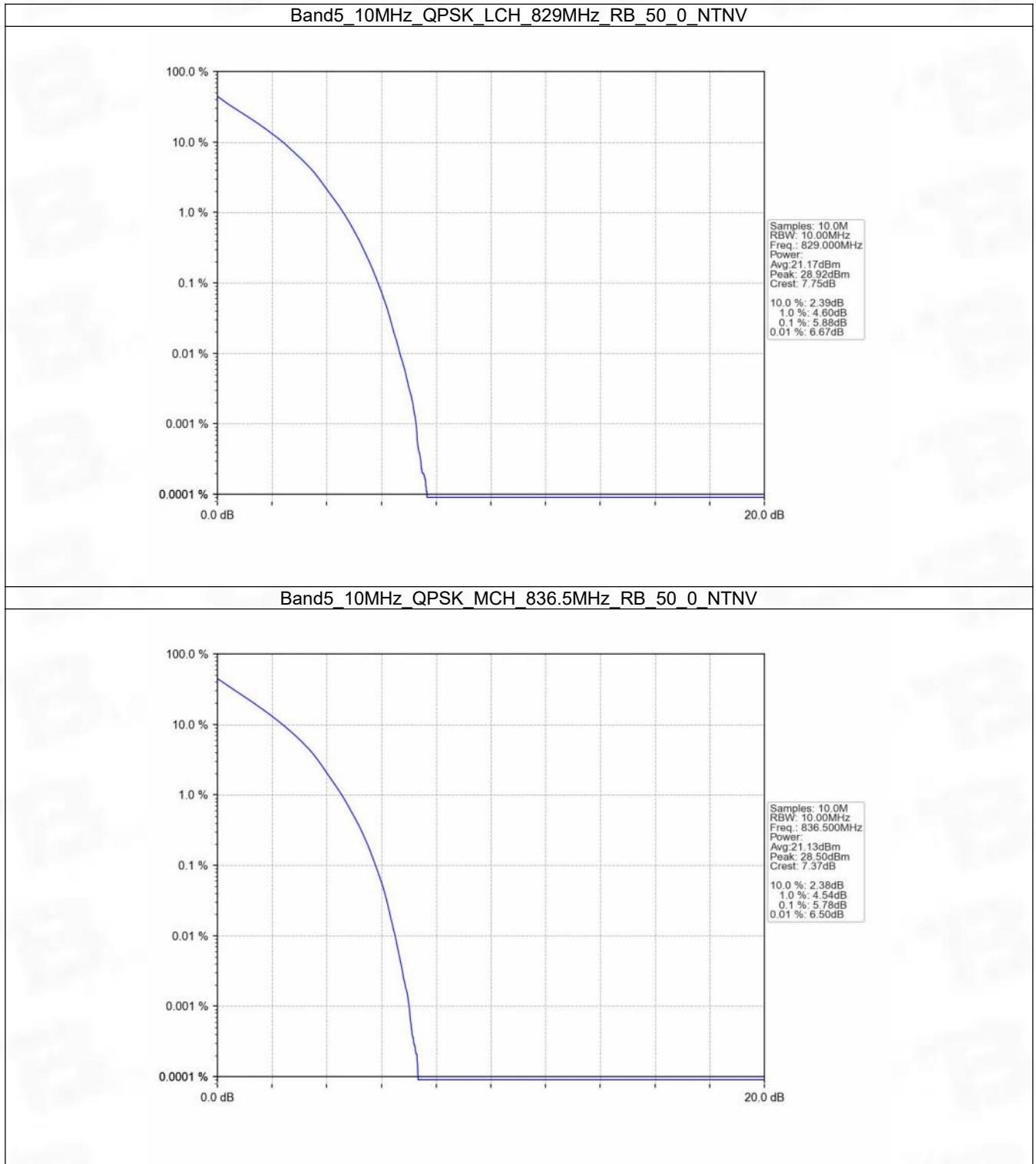
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



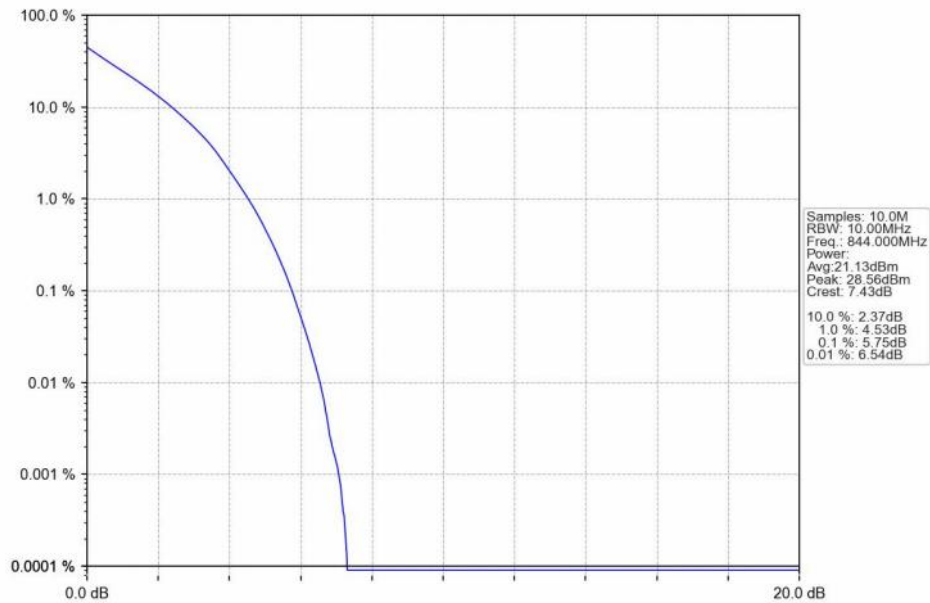
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



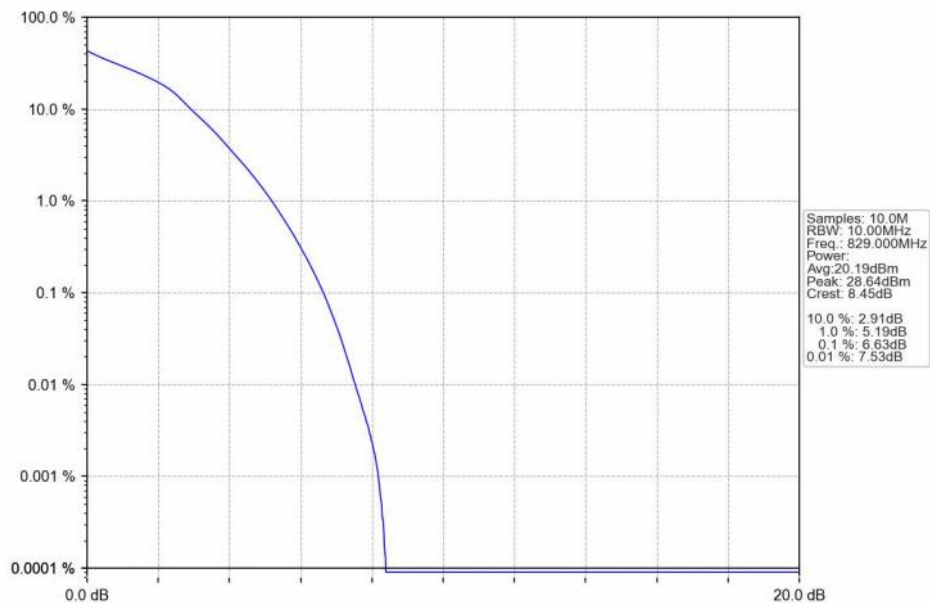
5.2.4 B5_10MHz



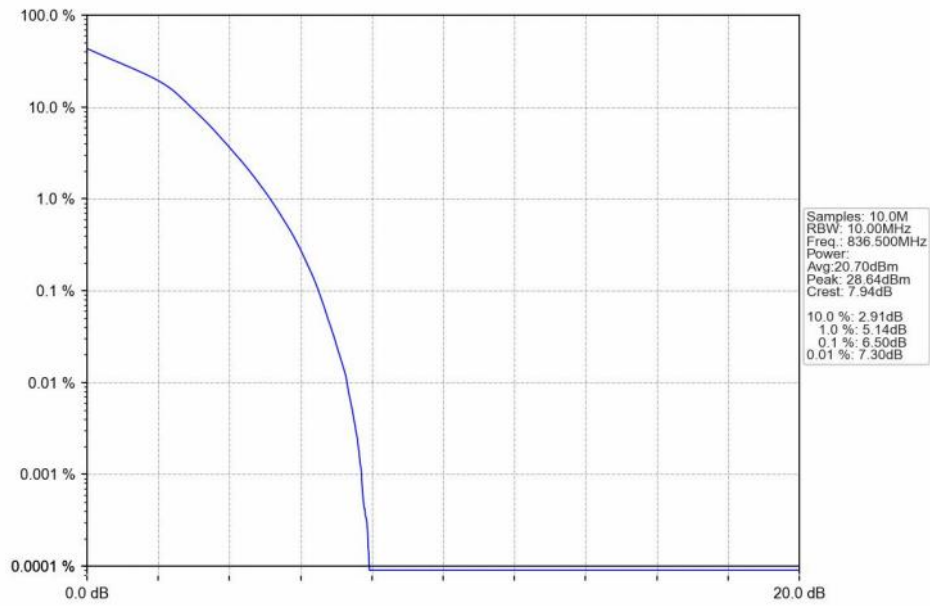
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



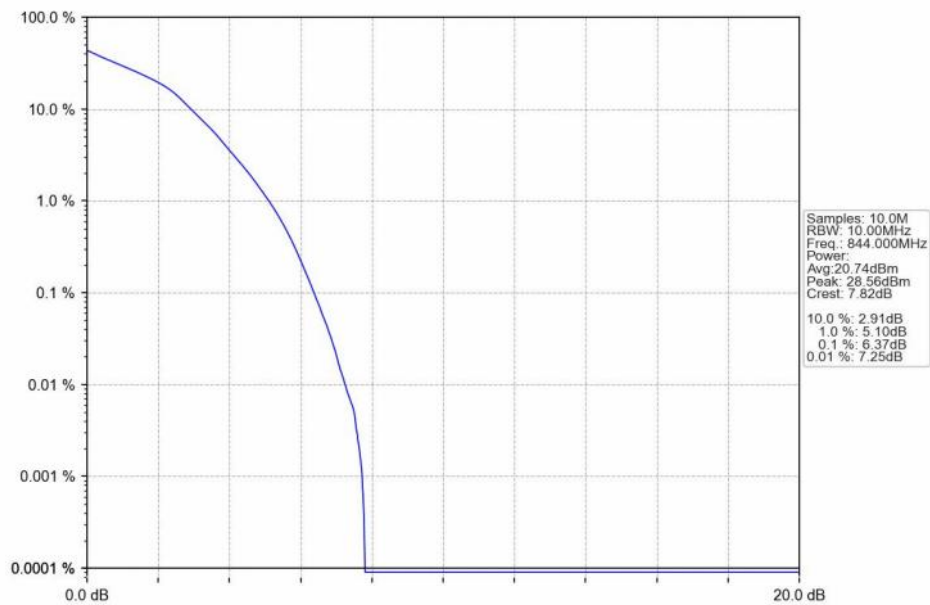
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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		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
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
	848.3	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 / NTVN						
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
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
	847.5	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 / NTVN						
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
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

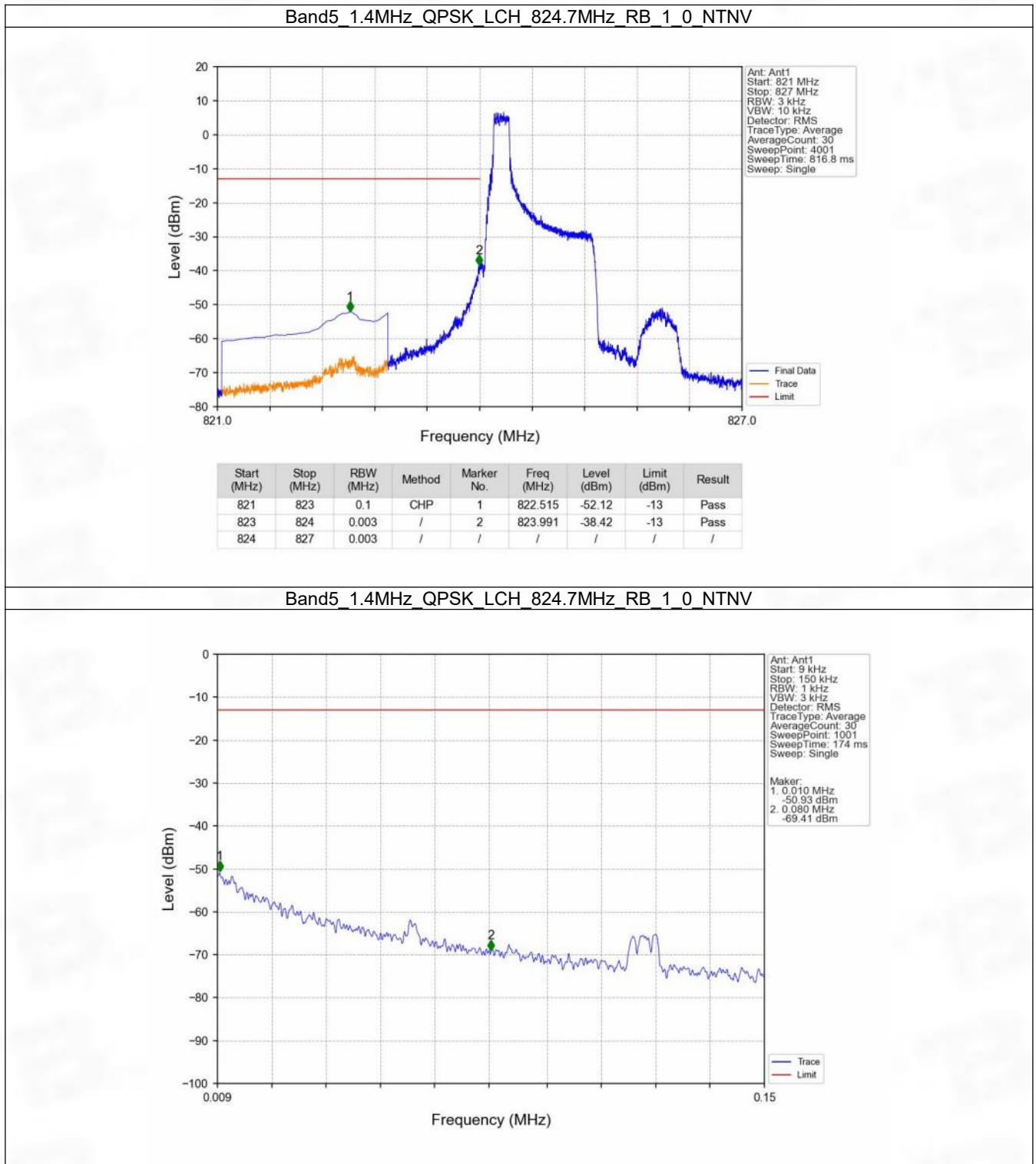
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

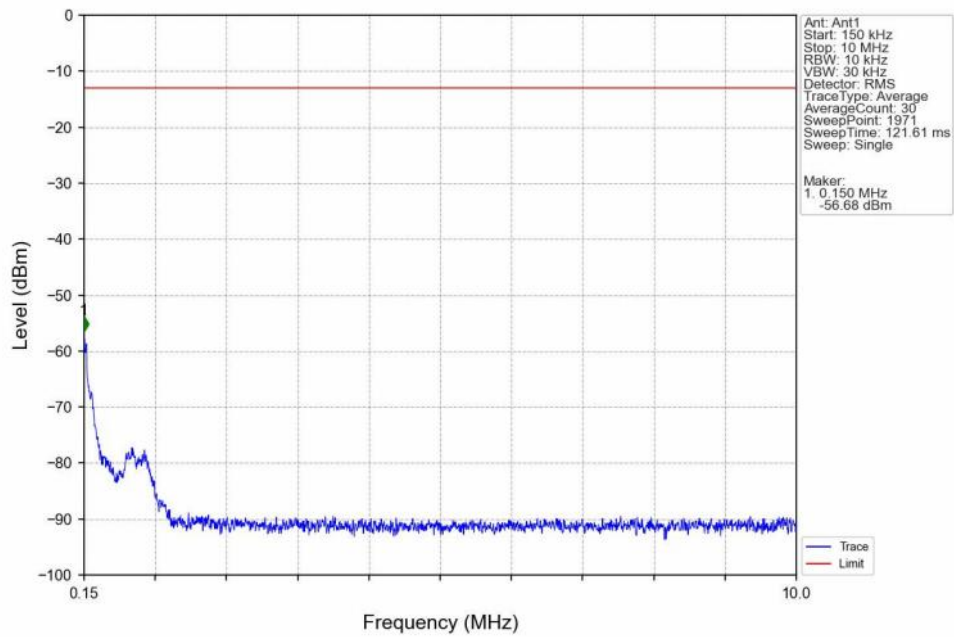
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
		49	0	Refer To Test Graph	Pass
	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

6.2 Test Graph

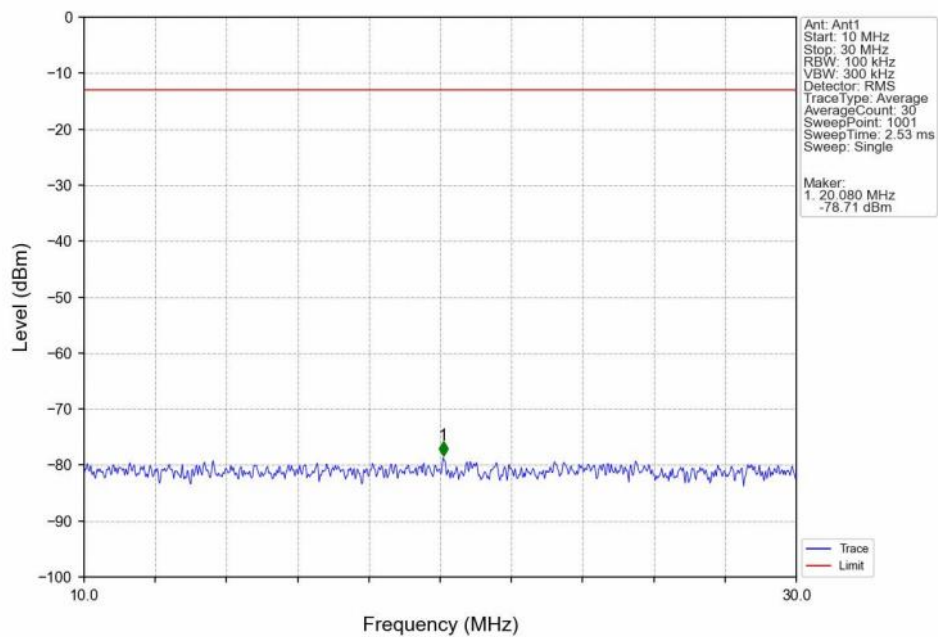
6.2.1 B5_1.4MHz



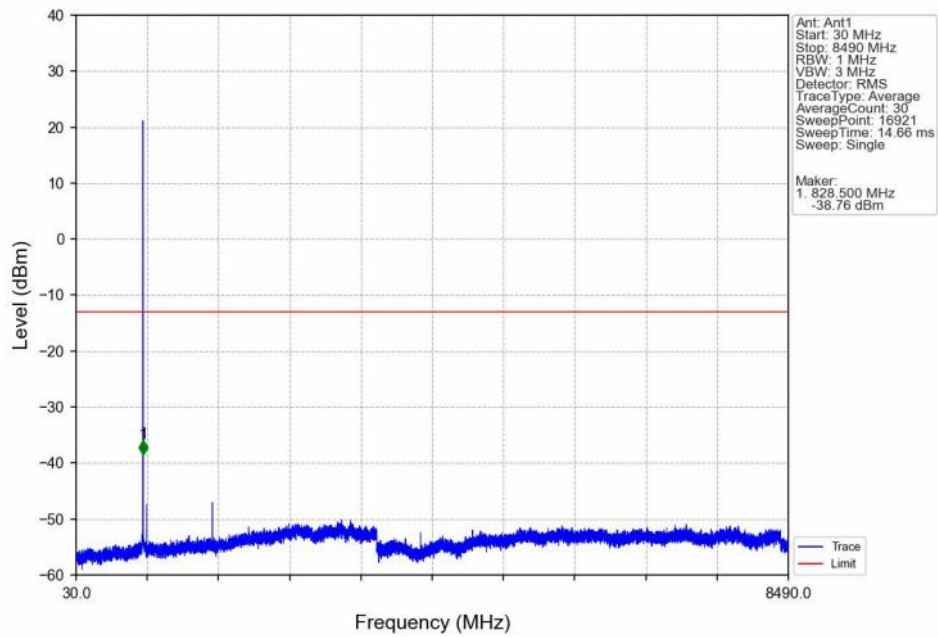
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



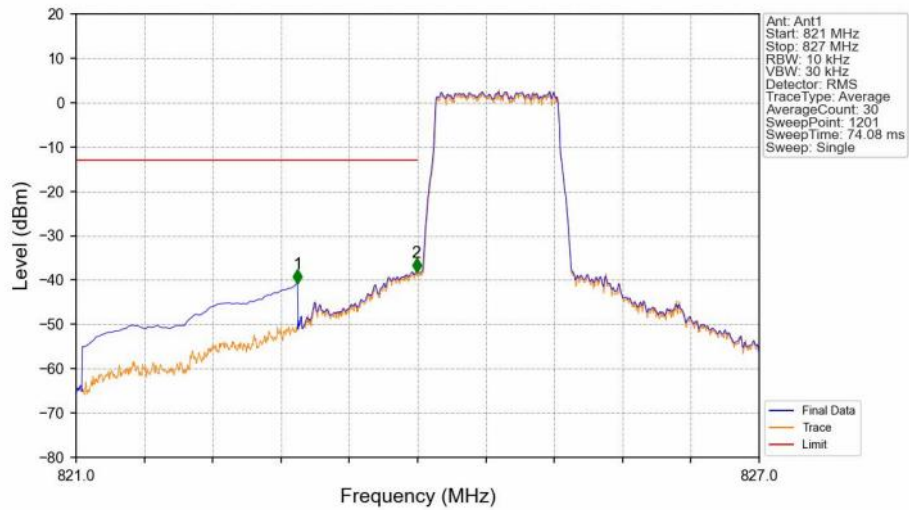
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

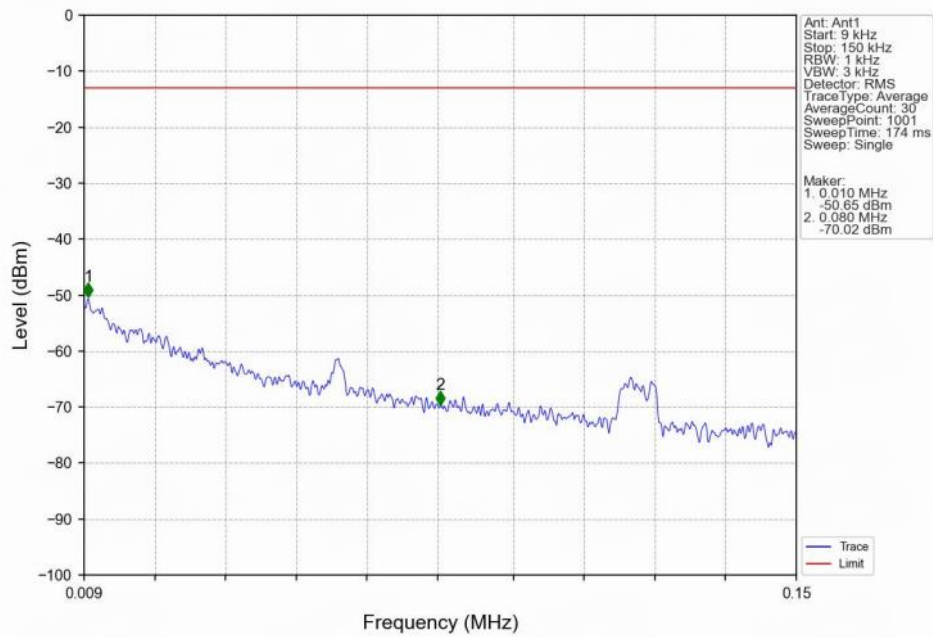


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-40.84	-13	Pass
823	824	0.013	CHP	2	823.990	-38.15	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

