

Appendix - LTE_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	16.64	0.58	15.07	<=38.45	Pass	
			2	16.77	0.58	15.20	<=38.45	Pass	
			5	16.61	0.58	15.04	<=38.45	Pass	
		3	0	16.73	0.58	15.16	<=38.45	Pass	
			2	16.78	0.58	15.21	<=38.45	Pass	
			3	16.73	0.58	15.16	<=38.45	Pass	
		6	0	15.68	0.58	14.11	<=38.45	Pass	
		836.5	1	0	21.38	0.58	19.81	<=38.45	Pass
				2	21.44	0.58	19.87	<=38.45	Pass
	5			19.41	0.58	17.84	<=38.45	Pass	
	3		0	19.45	0.58	17.88	<=38.45	Pass	
			2	19.48	0.58	17.91	<=38.45	Pass	
			3	19.42	0.58	17.85	<=38.45	Pass	
	6		0	18.34	0.58	16.77	<=38.45	Pass	
	848.3		1	0	17.46	0.58	15.89	<=38.45	Pass
				2	17.66	0.58	16.09	<=38.45	Pass
		5		17.47	0.58	15.90	<=38.45	Pass	
		3	0	17.58	0.58	16.01	<=38.45	Pass	
			2	17.66	0.58	16.09	<=38.45	Pass	
			3	17.58	0.58	16.01	<=38.45	Pass	
		6	0	16.60	0.58	15.03	<=38.45	Pass	
16QAM		824.7	1	0	15.59	0.58	14.02	<=38.45	Pass
				2	15.74	0.58	14.17	<=38.45	Pass
	5			15.59	0.58	14.02	<=38.45	Pass	
	3		0	15.76	0.58	14.19	<=38.45	Pass	
			2	15.81	0.58	14.24	<=38.45	Pass	
			3	15.76	0.58	14.19	<=38.45	Pass	
	6		0	14.66	0.58	13.09	<=38.45	Pass	
	836.5	1	0	16.39	0.58	14.82	<=38.45	Pass	
			2	16.69	0.58	15.12	<=38.45	Pass	
			5	16.56	0.58	14.99	<=38.45	Pass	
		3	0	16.66	0.58	15.09	<=38.45	Pass	
			2	16.76	0.58	15.19	<=38.45	Pass	
			3	16.71	0.58	15.14	<=38.45	Pass	
		6	0	15.51	0.58	13.94	<=38.45	Pass	
	848.3	1	0	16.61	0.58	15.04	<=38.45	Pass	
			2	16.83	0.58	15.26	<=38.45	Pass	
			5	16.64	0.58	15.07	<=38.45	Pass	
		3	0	16.60	0.58	15.03	<=38.45	Pass	
			2	16.69	0.58	15.12	<=38.45	Pass	
			3	16.63	0.58	15.06	<=38.45	Pass	
		6	0	15.65	0.58	14.08	<=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	17.57	0.58	16.00	<=38.45	Pass
			7	17.69	0.58	16.12	<=38.45	Pass
			14	17.23	0.58	15.66	<=38.45	Pass
		8	0	16.65	0.58	15.08	<=38.45	Pass
			4	16.63	0.58	15.06	<=38.45	Pass
			7	16.50	0.58	14.93	<=38.45	Pass
		15	0	16.57	0.58	15.00	<=38.45	Pass
	836.5	1	0	19.94	0.58	18.37	<=38.45	Pass
			7	19.61	0.58	18.04	<=38.45	Pass
			14	19.63	0.58	18.06	<=38.45	Pass
		8	0	18.92	0.58	17.35	<=38.45	Pass
			4	18.45	0.58	16.88	<=38.45	Pass
			7	18.43	0.58	16.86	<=38.45	Pass
		15	0	18.37	0.58	16.80	<=38.45	Pass
	847.5	1	0	19.55	0.58	17.98	<=38.45	Pass
			7	19.55	0.58	17.98	<=38.45	Pass
			14	19.47	0.58	17.90	<=38.45	Pass
		8	0	18.43	0.58	16.86	<=38.45	Pass
			4	18.53	0.58	16.96	<=38.45	Pass
			7	18.35	0.58	16.78	<=38.45	Pass
		15	0	18.58	0.58	17.01	<=38.45	Pass
16QAM	825.5	1	0	16.69	0.58	15.12	<=38.45	Pass
			7	17.04	0.58	15.47	<=38.45	Pass
			14	16.59	0.58	15.02	<=38.45	Pass
		8	0	16.03	0.58	14.46	<=38.45	Pass
			4	17.40	0.58	15.83	<=38.45	Pass
			7	17.15	0.58	15.58	<=38.45	Pass
		15	0	17.22	0.58	15.65	<=38.45	Pass
	836.5	1	0	19.39	0.58	17.82	<=38.45	Pass
			7	19.04	0.58	17.47	<=38.45	Pass
			14	18.94	0.58	17.37	<=38.45	Pass
		8	0	18.15	0.58	16.58	<=38.45	Pass
			4	17.77	0.58	16.20	<=38.45	Pass
			7	17.75	0.58	16.18	<=38.45	Pass
		15	0	17.68	0.58	16.11	<=38.45	Pass
	847.5	1	0	19.08	0.58	17.51	<=38.45	Pass
			7	18.97	0.58	17.40	<=38.45	Pass
			14	19.05	0.58	17.48	<=38.45	Pass
		8	0	17.71	0.58	16.14	<=38.45	Pass
			4	17.71	0.58	16.14	<=38.45	Pass
			7	17.70	0.58	16.13	<=38.45	Pass
		15	0	17.57	0.58	16.00	<=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	19.37	0.58	17.80	<=38.45	Pass
			13	19.30	0.58	17.73	<=38.45	Pass
			24	19.20	0.58	17.63	<=38.45	Pass
		12	0	18.32	0.58	16.75	<=38.45	Pass
			6	18.29	0.58	16.72	<=38.45	Pass
			13	18.48	0.58	16.91	<=38.45	Pass

16QAM	836.5	1	25	0	18.39	0.58	16.82	<=38.45	Pass
			1	0	19.75	0.58	18.18	<=38.45	Pass
				13	19.36	0.58	17.79	<=38.45	Pass
		12	1	24	19.25	0.58	17.68	<=38.45	Pass
				0	18.81	0.58	17.24	<=38.45	Pass
				6	18.32	0.58	16.75	<=38.45	Pass
			25	13	18.37	0.58	16.80	<=38.45	Pass
				0	18.31	0.58	16.74	<=38.45	Pass
				0	19.82	0.58	18.25	<=38.45	Pass
	846.5	1	1	13	19.46	0.58	17.89	<=38.45	Pass
				24	19.43	0.58	17.86	<=38.45	Pass
				0	18.94	0.58	17.37	<=38.45	Pass
		12	1	6	18.43	0.58	16.86	<=38.45	Pass
				13	18.50	0.58	16.93	<=38.45	Pass
				0	18.47	0.58	16.90	<=38.45	Pass
		25	1	0	18.79	0.58	17.22	<=38.45	Pass
				13	18.91	0.58	17.34	<=38.45	Pass
				24	18.96	0.58	17.39	<=38.45	Pass
16QAM	826.5	1	1	0	18.79	0.58	17.22	<=38.45	Pass
				13	18.91	0.58	17.34	<=38.45	Pass
				24	18.96	0.58	17.39	<=38.45	Pass
		12	1	0	18.47	0.58	16.90	<=38.45	Pass
				6	17.41	0.58	15.84	<=38.45	Pass
				13	17.37	0.58	15.80	<=38.45	Pass
		25	1	0	17.61	0.58	16.04	<=38.45	Pass
				0	19.37	0.58	17.80	<=38.45	Pass
				13	18.93	0.58	17.36	<=38.45	Pass
	836.5	1	1	24	18.91	0.58	17.34	<=38.45	Pass
				0	18.10	0.58	16.53	<=38.45	Pass
				6	17.77	0.58	16.20	<=38.45	Pass
		12	1	13	17.65	0.58	16.08	<=38.45	Pass
				0	17.56	0.58	15.99	<=38.45	Pass
				0	18.54	0.58	16.97	<=38.45	Pass
		25	1	13	18.04	0.58	16.47	<=38.45	Pass
				24	17.94	0.58	16.37	<=38.45	Pass
				0	17.42	0.58	15.85	<=38.45	Pass
	846.5	1	1	6	17.59	0.58	16.02	<=38.45	Pass
				13	17.52	0.58	15.95	<=38.45	Pass
				0	17.50	0.58	15.93	<=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	19.24	0.58	17.67	<=38.45	Pass
			25	19.30	0.58	17.73	<=38.45	Pass
			49	19.43	0.58	17.86	<=38.45	Pass
		25	0	18.29	0.58	16.72	<=38.45	Pass
			13	18.26	0.58	16.69	<=38.45	Pass
			25	18.32	0.58	16.75	<=38.45	Pass
		50	0	18.34	0.58	16.77	<=38.45	Pass
			0	19.35	0.58	17.78	<=38.45	Pass
			25	19.33	0.58	17.76	<=38.45	Pass
	836.5	1	49	19.80	0.58	18.23	<=38.45	Pass
			0	18.82	0.58	17.25	<=38.45	Pass
			13	18.37	0.58	16.80	<=38.45	Pass
		25	25	18.42	0.58	16.85	<=38.45	Pass
			0	18.36	0.58	16.79	<=38.45	Pass
			0	19.38	0.58	17.81	<=38.45	Pass

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16QAM		25	25	19.89	0.58	18.32	<=38.45	Pass
			49	19.50	0.58	17.93	<=38.45	Pass
			0	18.90	0.58	17.33	<=38.45	Pass
			13	18.96	0.58	17.39	<=38.45	Pass
			25	18.57	0.58	17.00	<=38.45	Pass
	50	0	0	18.90	0.58	17.33	<=38.45	Pass
			0	18.35	0.58	16.78	<=38.45	Pass
			25	18.34	0.58	16.77	<=38.45	Pass
			49	18.28	0.58	16.71	<=38.45	Pass
			0	17.42	0.58	15.85	<=38.45	Pass
	829	25	13	17.31	0.58	15.74	<=38.45	Pass
			25	17.41	0.58	15.84	<=38.45	Pass
			0	17.36	0.58	15.79	<=38.45	Pass
	836.5	1	0	19.47	0.58	17.90	<=38.45	Pass
			25	19.45	0.58	17.88	<=38.45	Pass
			49	20.01	0.58	18.44	<=38.45	Pass
		25	0	18.82	0.58	17.25	<=38.45	Pass
			13	17.64	0.58	16.07	<=38.45	Pass
			25	17.83	0.58	16.26	<=38.45	Pass
			0	17.61	0.58	16.04	<=38.45	Pass
	844	1	0	19.23	0.58	17.66	<=38.45	Pass
			25	19.78	0.58	18.21	<=38.45	Pass
			49	19.29	0.58	17.72	<=38.45	Pass
		25	0	17.97	0.58	16.40	<=38.45	Pass
			13	17.81	0.58	16.24	<=38.45	Pass
			25	17.78	0.58	16.21	<=38.45	Pass
			0	17.88	0.58	16.31	<=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	-31.843	-0.0386	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
					4.43	-46.535	-0.0564	-2.5 to 2.5	Pass
				-30	3.85	-36.263	-0.0440	-2.5 to 2.5	Pass
				-20	3.85	-23.131	-0.0280	-2.5 to 2.5	Pass
				-10	3.85	-12.789	-0.0155	-2.5 to 2.5	Pass
				0	3.85	-39.983	-0.0485	-2.5 to 2.5	Pass
				10	3.85	-17.695	-0.0215	-2.5 to 2.5	Pass
				30	3.85	-41.471	-0.0503	-2.5 to 2.5	Pass
				40	3.85	-12.531	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-34.504	-0.0418	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-33.846	-0.0405	-2.5 to 2.5	Pass
					3.85	-30.727	-0.0367	-2.5 to 2.5	Pass
					4.43	-15.807	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-47.307	-0.0566	-2.5 to 2.5	Pass
				-20	3.85	-34.561	-0.0413	-2.5 to 2.5	Pass
				-10	3.85	-27.709	-0.0331	-2.5 to 2.5	Pass
				0	3.85	-17.796	-0.0213	-2.5 to 2.5	Pass

	848.3	6	0	10	3.85	-11.315	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-8.011	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-32.644	-0.0390	-2.5 to 2.5	Pass
				20	3.27	-4.892	-0.0058	-2.5 to 2.5	Pass
					3.85	-29.497	-0.0348	-2.5 to 2.5	Pass
					4.43	-15.521	-0.0183	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-23.890	-0.0282	-2.5 to 2.5	Pass
				-10	3.85	3.304	0.0039	-2.5 to 2.5	Pass
				0	3.85	-19.155	-0.0226	-2.5 to 2.5	Pass
				10	3.85	-40.040	-0.0472	-2.5 to 2.5	Pass
				30	3.85	-24.118	-0.0284	-2.5 to 2.5	Pass
				40	3.85	1.674	0.0020	-2.5 to 2.5	Pass
				50	3.85	-23.847	-0.0281	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-4.392	-0.0053	-2.5 to 2.5	Pass
					3.85	19.283	0.0234	-2.5 to 2.5	Pass
					4.43	14.291	0.0173	-2.5 to 2.5	Pass
				-30	3.85	18.554	0.0225	-2.5 to 2.5	Pass
				-20	3.85	43.073	0.0522	-2.5 to 2.5	Pass
				-10	3.85	44.403	0.0538	-2.5 to 2.5	Pass
				0	3.85	15.392	0.0187	-2.5 to 2.5	Pass
				10	3.85	46.492	0.0564	-2.5 to 2.5	Pass
				30	3.85	11.888	0.0144	-2.5 to 2.5	Pass
				40	3.85	12.517	0.0152	-2.5 to 2.5	Pass
	836.5	6	0	50	3.85	4.706	0.0057	-2.5 to 2.5	Pass
				20	3.27	-17.624	-0.0211	-2.5 to 2.5	Pass
					3.85	-45.419	-0.0543	-2.5 to 2.5	Pass
					4.43	-20.914	-0.0250	-2.5 to 2.5	Pass
				-30	3.85	-11.001	-0.0132	-2.5 to 2.5	Pass
				-20	3.85	-14.234	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-37.580	-0.0449	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-23.718	-0.0284	-2.5 to 2.5	Pass
				30	3.85	-43.015	-0.0514	-2.5 to 2.5	Pass
	848.3	6	0	40	3.85	-15.721	-0.0188	-2.5 to 2.5	Pass
				50	3.85	-33.317	-0.0398	-2.5 to 2.5	Pass
				20	3.27	-21.186	-0.0250	-2.5 to 2.5	Pass
					3.85	-8.283	-0.0098	-2.5 to 2.5	Pass
					4.43	-32.029	-0.0378	-2.5 to 2.5	Pass
				-30	3.85	-42.973	-0.0507	-2.5 to 2.5	Pass
				-20	3.85	-4.778	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-13.576	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-25.835	-0.0305	-2.5 to 2.5	Pass
				10	3.85	-39.525	-0.0466	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-15.750	-0.0186	-2.5 to 2.5	Pass
				50	3.85	7.067	0.0083	-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	-1.245	-0.0015	-2.5 to 2.5	Pass
					3.85	-10.786	-0.0131	-2.5 to 2.5	Pass
					4.43	-17.252	-0.0209	-2.5 to 2.5	Pass
				-30	3.85	-24.676	-0.0299	-2.5 to 2.5	Pass

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16QAM	836.5	15	0	-20	3.85	-20.528	-0.0249	-2.5 to 2.5	Pass
				-10	3.85	-10.300	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-29.411	-0.0356	-2.5 to 2.5	Pass
				10	3.85	-37.694	-0.0457	-2.5 to 2.5	Pass
				30	3.85	-50.082	-0.0607	-2.5 to 2.5	Pass
				40	3.85	-9.928	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-18.868	-0.0229	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-3.433	-0.0041	-2.5 to 2.5	Pass
					3.85	-31.300	-0.0374	-2.5 to 2.5	Pass
					4.43	-23.603	-0.0282	-2.5 to 2.5	Pass
				-30	3.85	-32.258	-0.0386	-2.5 to 2.5	Pass
				-20	3.85	-41.213	-0.0493	-2.5 to 2.5	Pass
				-10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-9.098	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-22.144	-0.0265	-2.5 to 2.5	Pass
				30	3.85	3.219	0.0038	-2.5 to 2.5	Pass
				40	3.85	-15.965	-0.0191	-2.5 to 2.5	Pass
				50	3.85	-25.434	-0.0304	-2.5 to 2.5	Pass
				20	3.27	1.330	0.0016	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0097	-2.5 to 2.5	Pass
					4.43	-17.238	-0.0203	-2.5 to 2.5	Pass
	825.5	15	0	-30	3.85	-27.008	-0.0319	-2.5 to 2.5	Pass
				-20	3.85	-39.911	-0.0471	-2.5 to 2.5	Pass
				-10	3.85	-7.725	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-17.881	-0.0211	-2.5 to 2.5	Pass
				10	3.85	-30.642	-0.0362	-2.5 to 2.5	Pass
				30	3.85	-42.014	-0.0496	-2.5 to 2.5	Pass
				40	3.85	-13.776	-0.0163	-2.5 to 2.5	Pass
				50	3.85	-28.095	-0.0332	-2.5 to 2.5	Pass
				20	3.27	-29.755	-0.0360	-2.5 to 2.5	Pass
					3.85	-40.040	-0.0485	-2.5 to 2.5	Pass
					4.43	0.858	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-11.430	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-20.127	-0.0244	-2.5 to 2.5	Pass
				-10	3.85	-29.168	-0.0353	-2.5 to 2.5	Pass
16QAM	836.5	15	0	0	3.85	-39.482	-0.0478	-2.5 to 2.5	Pass
				10	3.85	-23.174	-0.0281	-2.5 to 2.5	Pass
				30	3.85	-13.604	-0.0165	-2.5 to 2.5	Pass
				40	3.85	-23.532	-0.0285	-2.5 to 2.5	Pass
				50	3.85	-31.900	-0.0386	-2.5 to 2.5	Pass
				20	3.27	-35.591	-0.0425	-2.5 to 2.5	Pass
					3.85	-41.714	-0.0499	-2.5 to 2.5	Pass
					4.43	1.674	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-7.739	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-14.176	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-19.469	-0.0233	-2.5 to 2.5	Pass
				0	3.85	-29.225	-0.0349	-2.5 to 2.5	Pass
				10	3.85	-36.049	-0.0431	-2.5 to 2.5	Pass
				30	3.85	-16.007	-0.0191	-2.5 to 2.5	Pass
				40	3.85	-36.321	-0.0434	-2.5 to 2.5	Pass
				50	3.85	-48.523	-0.0580	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-8.740	-0.0103	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0048	-2.5 to 2.5	Pass
					4.43	-14.791	-0.0175	-2.5 to 2.5	Pass
				-30	3.85	-19.655	-0.0232	-2.5 to 2.5	Pass
				-20	3.85	-23.460	-0.0277	-2.5 to 2.5	Pass
				-10	3.85	-42.343	-0.0500	-2.5 to 2.5	Pass
				0	3.85	-23.732	-0.0280	-2.5 to 2.5	Pass
				10	3.85	-29.883	-0.0353	-2.5 to 2.5	Pass

				30	3.85	-29.254	-0.0345	-2.5 to 2.5	Pass
				40	3.85	1.831	0.0022	-2.5 to 2.5	Pass
				50	3.85	8.368	0.0099	-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	-37.336	-0.0452	-2.5 to 2.5	Pass
					3.85	-21.214	-0.0257	-2.5 to 2.5	Pass
					4.43	-38.910	-0.0471	-2.5 to 2.5	Pass
				-30	3.85	-8.769	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-38.252	-0.0463	-2.5 to 2.5	Pass
				-10	3.85	-11.330	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-25.291	-0.0306	-2.5 to 2.5	Pass
				10	3.85	-18.868	-0.0228	-2.5 to 2.5	Pass
				30	3.85	-14.520	-0.0176	-2.5 to 2.5	Pass
				40	3.85	-13.490	-0.0163	-2.5 to 2.5	Pass
				50	3.85	-16.122	-0.0195	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-3.848	-0.0046	-2.5 to 2.5	Pass
					3.85	-15.407	-0.0184	-2.5 to 2.5	Pass
					4.43	-29.812	-0.0356	-2.5 to 2.5	Pass
				-30	3.85	-42.615	-0.0509	-2.5 to 2.5	Pass
				-20	3.85	-13.504	-0.0161	-2.5 to 2.5	Pass
				-10	3.85	-32.115	-0.0384	-2.5 to 2.5	Pass
				0	3.85	-22.187	-0.0265	-2.5 to 2.5	Pass
				10	3.85	-44.189	-0.0528	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-15.578	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-24.662	-0.0295	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-5.350	-0.0063	-2.5 to 2.5	Pass
					3.85	-35.748	-0.0422	-2.5 to 2.5	Pass
					4.43	-22.845	-0.0270	-2.5 to 2.5	Pass
				-30	3.85	-40.483	-0.0478	-2.5 to 2.5	Pass
				-20	3.85	-44.274	-0.0523	-2.5 to 2.5	Pass
				-10	3.85	-45.619	-0.0539	-2.5 to 2.5	Pass
				0	3.85	-3.004	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-15.121	-0.0179	-2.5 to 2.5	Pass
				30	3.85	-22.488	-0.0266	-2.5 to 2.5	Pass
				40	3.85	-28.267	-0.0334	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-21.014	-0.0254	-2.5 to 2.5	Pass
					3.85	-24.261	-0.0294	-2.5 to 2.5	Pass
					4.43	-47.035	-0.0569	-2.5 to 2.5	Pass
				-30	3.85	-15.106	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-33.102	-0.0401	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-21.014	-0.0254	-2.5 to 2.5	Pass
				10	3.85	23.203	0.0281	-2.5 to 2.5	Pass
				30	3.85	21.243	0.0257	-2.5 to 2.5	Pass
				40	3.85	12.660	0.0153	-2.5 to 2.5	Pass
				50	3.85	4.792	0.0058	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-32.773	-0.0392	-2.5 to 2.5	Pass
					3.85	-43.030	-0.0514	-2.5 to 2.5	Pass
					4.43	0.830	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-22.359	-0.0267	-2.5 to 2.5	Pass

				-10	3.85	-26.765	-0.0320	-2.5 to 2.5	Pass
				0	3.85	-31.972	-0.0382	-2.5 to 2.5	Pass
				10	3.85	-5.608	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-13.618	-0.0163	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-43.888	-0.0518	-2.5 to 2.5	Pass
					3.85	-48.852	-0.0577	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-17.095	-0.0202	-2.5 to 2.5	Pass
				-20	3.85	-20.742	-0.0245	-2.5 to 2.5	Pass
				-10	3.85	-28.267	-0.0334	-2.5 to 2.5	Pass
				0	3.85	-37.351	-0.0441	-2.5 to 2.5	Pass
				10	3.85	-43.287	-0.0511	-2.5 to 2.5	Pass
				30	3.85	-10.986	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-20.456	-0.0242	-2.5 to 2.5	Pass
				50	3.85	-42.844	-0.0506	-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	-0.901	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
					4.43	-12.131	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-21.486	-0.0259	-2.5 to 2.5	Pass
				-20	3.85	-30.169	-0.0364	-2.5 to 2.5	Pass
				-10	3.85	-38.595	-0.0466	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.851	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-15.750	-0.0190	-2.5 to 2.5	Pass
				40	3.85	-23.890	-0.0288	-2.5 to 2.5	Pass
				50	3.85	-43.931	-0.0530	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.238	-0.0087	-2.5 to 2.5	Pass
					3.85	-11.330	-0.0135	-2.5 to 2.5	Pass
					4.43	-29.140	-0.0348	-2.5 to 2.5	Pass
				-30	3.85	4.735	0.0057	-2.5 to 2.5	Pass
				-20	3.85	5.536	0.0066	-2.5 to 2.5	Pass
				-10	3.85	1.817	0.0022	-2.5 to 2.5	Pass
				0	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-11.959	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-14.334	-0.0171	-2.5 to 2.5	Pass
				50	3.85	-19.197	-0.0229	-2.5 to 2.5	Pass
	844	50	0	20	3.27	27.924	0.0331	-2.5 to 2.5	Pass
					3.85	34.032	0.0403	-2.5 to 2.5	Pass
					4.43	35.291	0.0418	-2.5 to 2.5	Pass
				-30	3.85	4.492	0.0053	-2.5 to 2.5	Pass
				-20	3.85	18.182	0.0215	-2.5 to 2.5	Pass
				-10	3.85	10.743	0.0127	-2.5 to 2.5	Pass
				0	3.85	12.374	0.0147	-2.5 to 2.5	Pass
				10	3.85	15.836	0.0188	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				40	3.85	20.013	0.0237	-2.5 to 2.5	Pass
				50	3.85	29.955	0.0355	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-14.162	-0.0171	-2.5 to 2.5	Pass
					3.85	-33.360	-0.0402	-2.5 to 2.5	Pass

					4.43	-18.568	-0.0224	-2.5 to 2.5	Pass
				-30	3.85	-20.585	-0.0248	-2.5 to 2.5	Pass
				-20	3.85	-26.064	-0.0314	-2.5 to 2.5	Pass
				-10	3.85	-32.873	-0.0397	-2.5 to 2.5	Pass
				0	3.85	-34.103	-0.0411	-2.5 to 2.5	Pass
				10	3.85	-35.806	-0.0432	-2.5 to 2.5	Pass
				30	3.85	-37.293	-0.0450	-2.5 to 2.5	Pass
				40	3.85	-44.689	-0.0539	-2.5 to 2.5	Pass
	836.5	50	0	50	3.85	-47.865	-0.0577	-2.5 to 2.5	Pass
				20	3.27	-20.728	-0.0248	-2.5 to 2.5	Pass
					3.85	17.653	0.0211	-2.5 to 2.5	Pass
					4.43	17.166	0.0205	-2.5 to 2.5	Pass
				-30	3.85	14.119	0.0169	-2.5 to 2.5	Pass
				-20	3.85	12.245	0.0146	-2.5 to 2.5	Pass
				-10	3.85	6.223	0.0074	-2.5 to 2.5	Pass
				0	3.85	-16.723	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-13.647	-0.0163	-2.5 to 2.5	Pass
				30	3.85	-13.161	-0.0157	-2.5 to 2.5	Pass
				40	3.85	-12.617	-0.0151	-2.5 to 2.5	Pass
				50	3.85	-13.032	-0.0156	-2.5 to 2.5	Pass
	844	50	0	20	3.27	31.142	0.0369	-2.5 to 2.5	Pass
					3.85	4.220	0.0050	-2.5 to 2.5	Pass
					4.43	17.538	0.0208	-2.5 to 2.5	Pass
				-30	3.85	17.695	0.0210	-2.5 to 2.5	Pass
				-20	3.85	14.734	0.0175	-2.5 to 2.5	Pass
				-10	3.85	10.986	0.0130	-2.5 to 2.5	Pass
				0	3.85	35.577	0.0422	-2.5 to 2.5	Pass
				10	3.85	23.718	0.0281	-2.5 to 2.5	Pass
				30	3.85	5.407	0.0064	-2.5 to 2.5	Pass
				40	3.85	35.377	0.0419	-2.5 to 2.5	Pass
				50	3.85	9.785	0.0116	-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 / 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

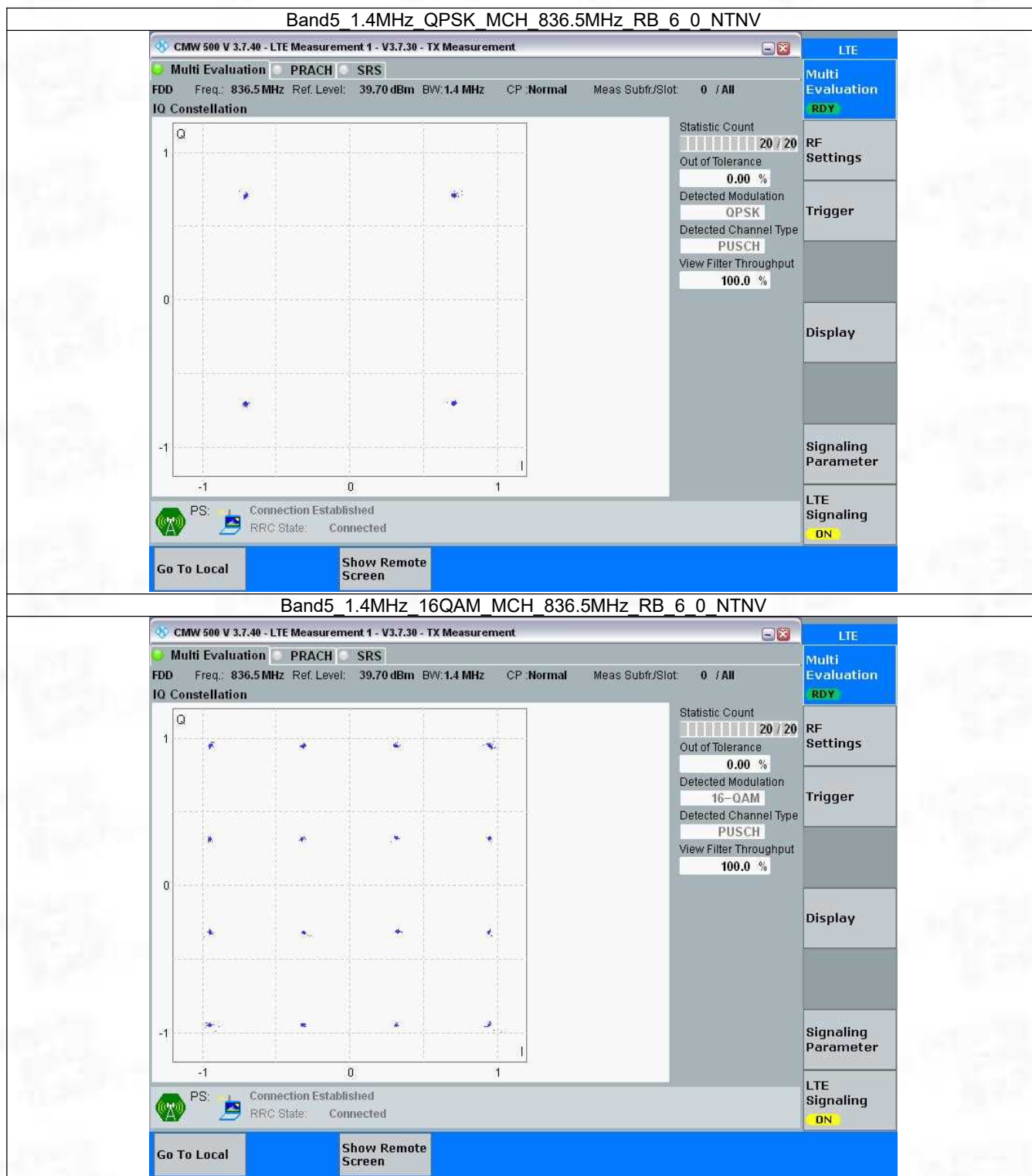
Band: 5 / Bandwidth: 5MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

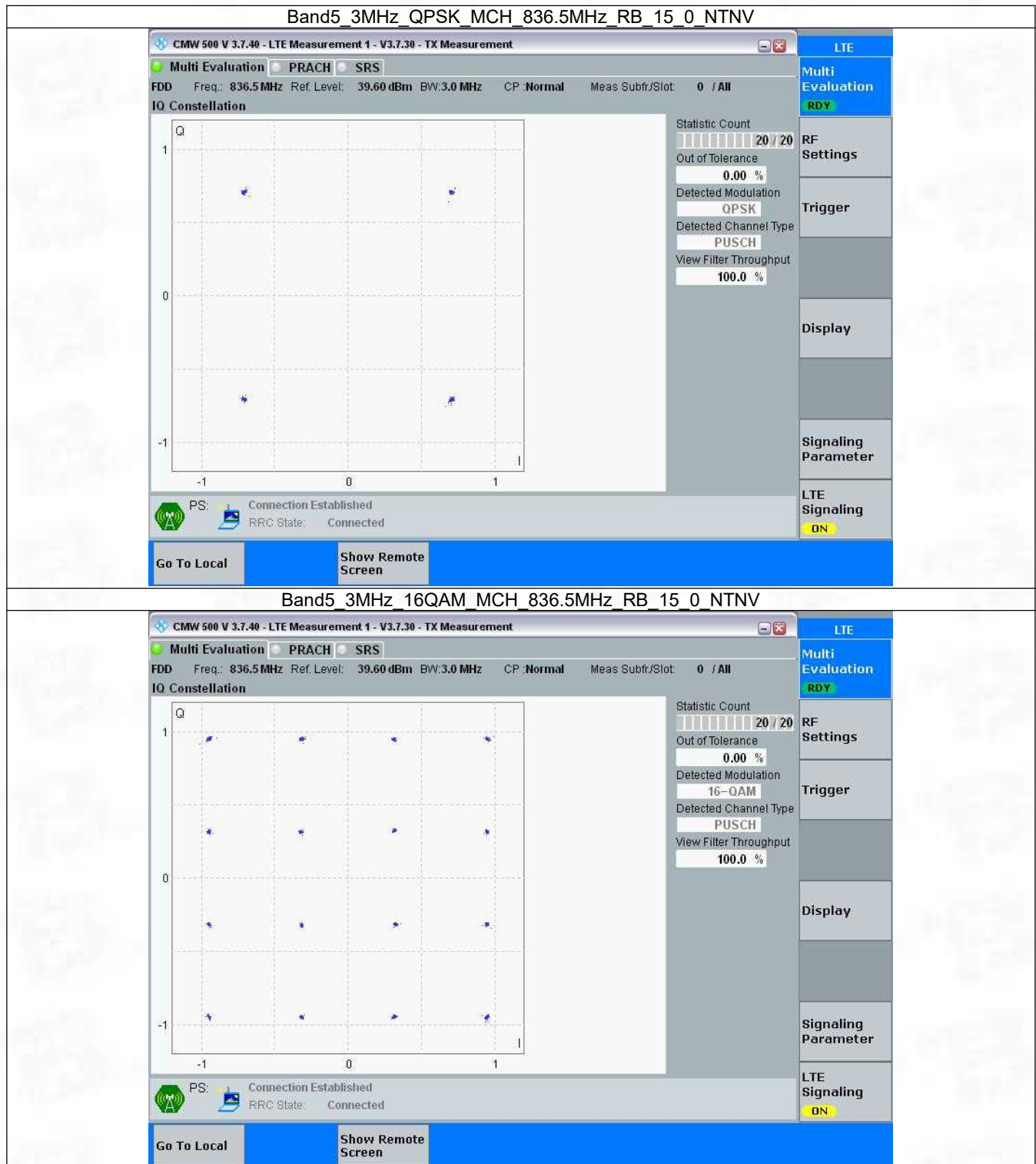
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

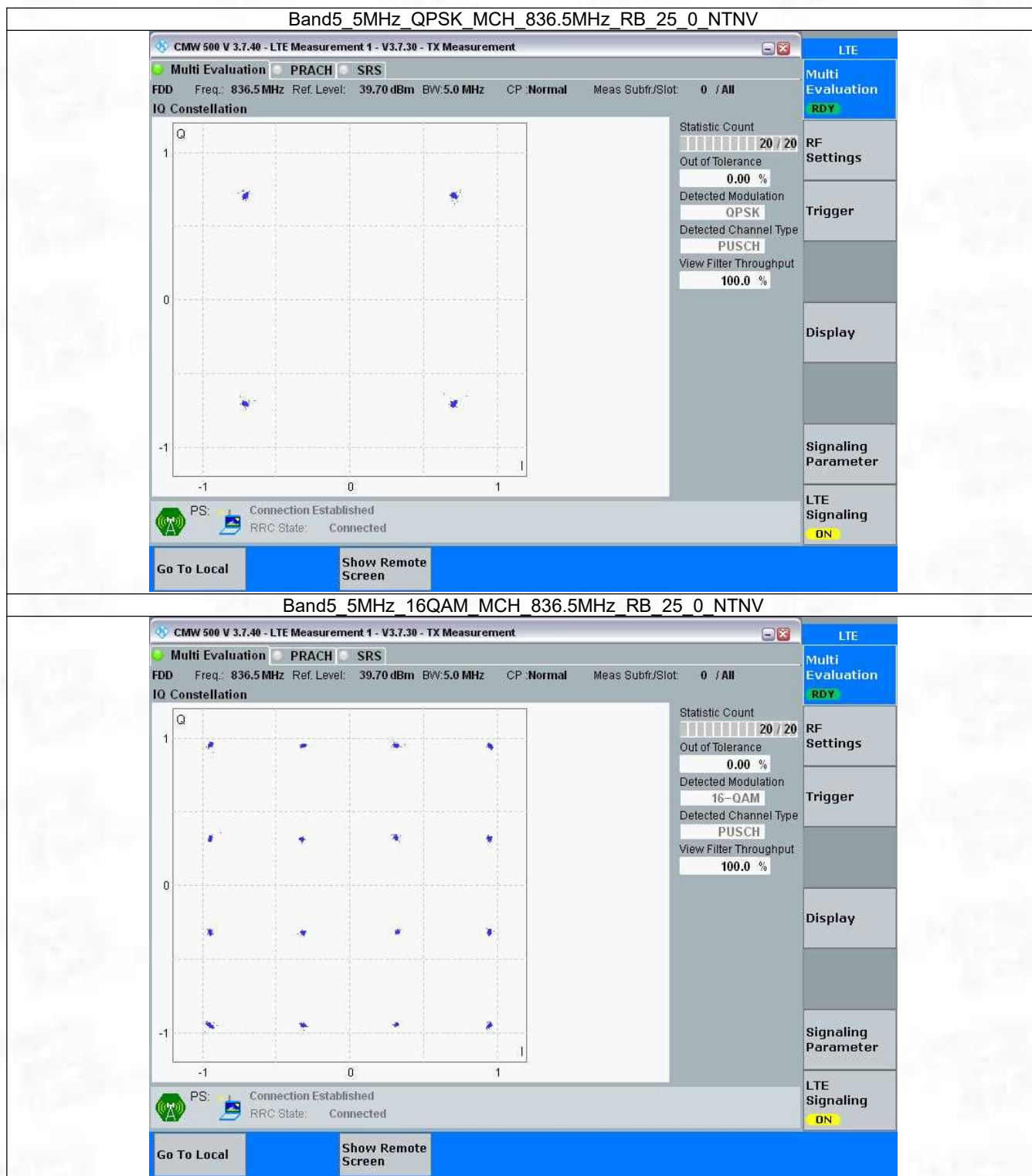
3.2.1 B5_1.4MHz



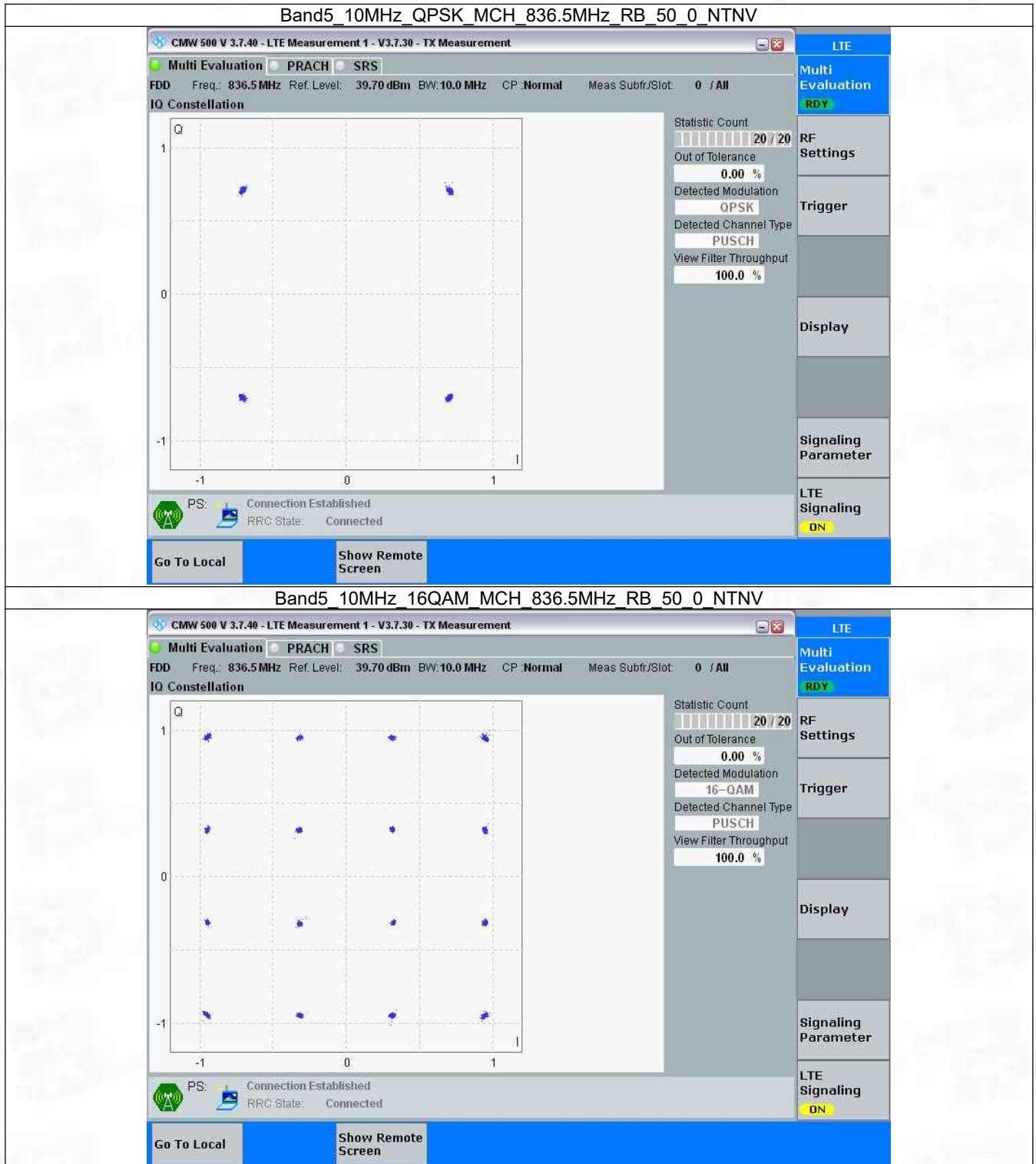
3.2.2 B5_3MHz



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	1.118	/	Pass
		836.5	6	0	1.114	/	Pass
		848.3	6	0	1.111	/	Pass
	16QAM	824.7	6	0	1.116	/	Pass
		836.5	6	0	1.107	/	Pass
		848.3	6	0	1.116	/	Pass
3	QPSK	825.5	15	0	2.753	/	Pass
		836.5	15	0	2.746	/	Pass
		847.5	15	0	2.760	/	Pass
	16QAM	825.5	15	0	2.755	/	Pass
		836.5	15	0	2.749	/	Pass
		847.5	15	0	2.757	/	Pass
5	QPSK	826.5	25	0	4.563	/	Pass
		836.5	25	0	4.541	/	Pass
		846.5	25	0	4.548	/	Pass
	16QAM	826.5	25	0	4.539	/	Pass
		836.5	25	0	4.574	/	Pass
		846.5	25	0	4.558	/	Pass
10	QPSK	829	50	0	9.050	/	Pass
		836.5	50	0	9.071	/	Pass
		844	50	0	9.060	/	Pass
	16QAM	829	50	0	9.077	/	Pass
		836.5	50	0	9.061	/	Pass
		844	50	0	9.054	/	Pass

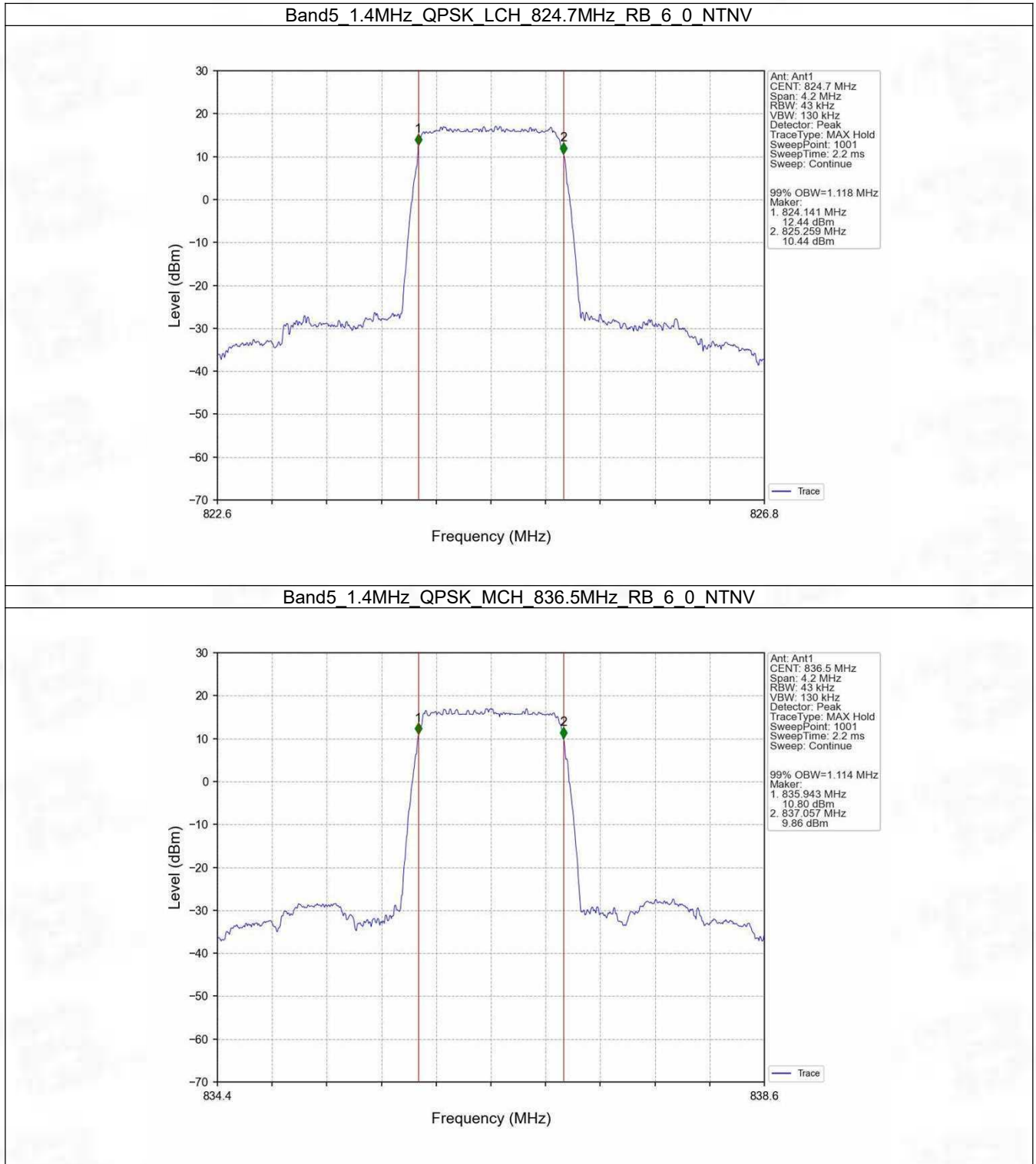
4.1.2 Band5_XDB

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	1.272	/	Pass
		836.5	6	0	1.273	/	Pass
		848.3	6	0	1.273	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.270	/	Pass
3	QPSK	825.5	15	0	3.081	/	Pass
		836.5	15	0	3.059	/	Pass
		847.5	15	0	3.076	/	Pass
	16QAM	825.5	15	0	3.091	/	Pass
		836.5	15	0	3.069	/	Pass
		847.5	15	0	3.100	/	Pass
5	QPSK	826.5	25	0	5.050	/	Pass
		836.5	25	0	5.073	/	Pass
		846.5	25	0	5.051	/	Pass

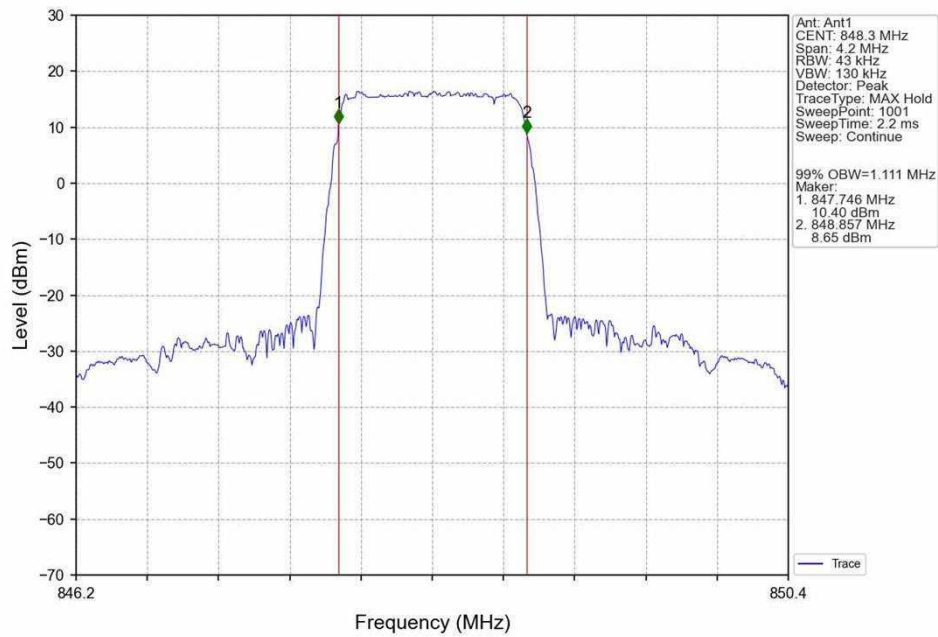
10	16QAM	826.5	25	0	5.059	/	Pass
		836.5	25	0	5.071	/	Pass
		846.5	25	0	5.084	/	Pass
	QPSK	829	50	0	10.046	/	Pass
		836.5	50	0	10.007	/	Pass
		844	50	0	10.089	/	Pass
	16QAM	829	50	0	10.006	/	Pass
		836.5	50	0	9.976	/	Pass
		844	50	0	9.995	/	Pass

4.2 Test Graph

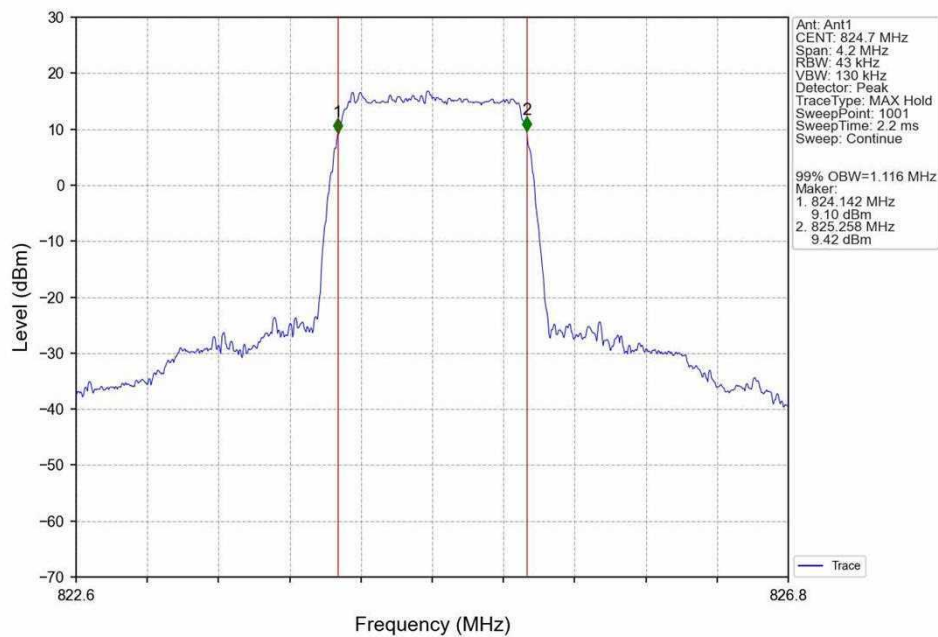
4.2.1 Band5_OBW



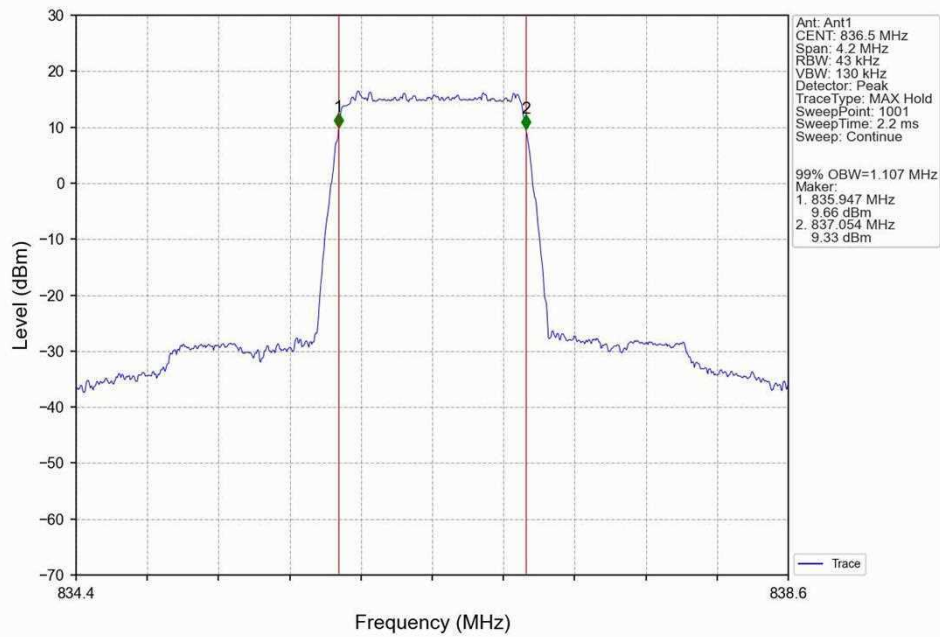
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



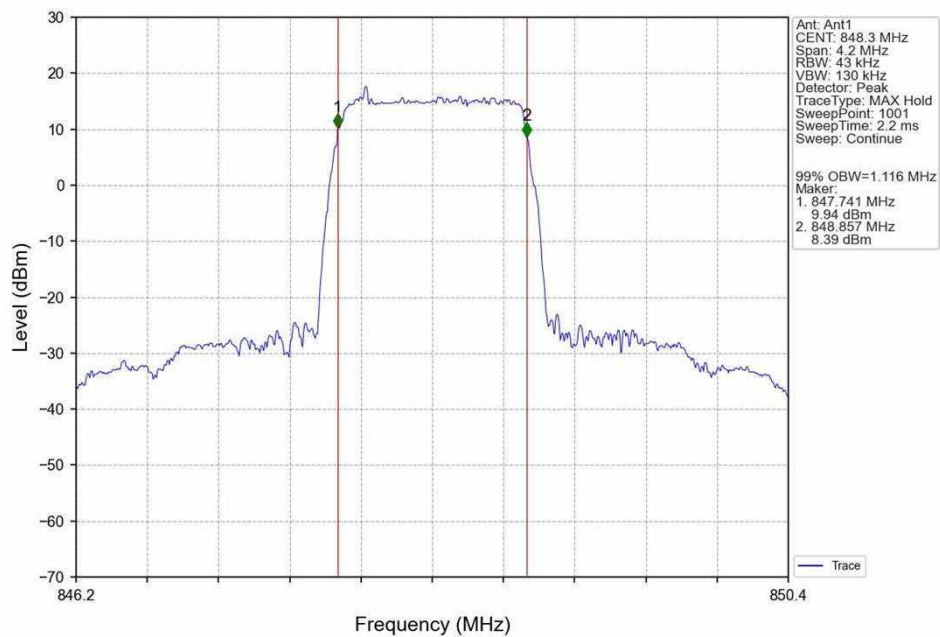
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



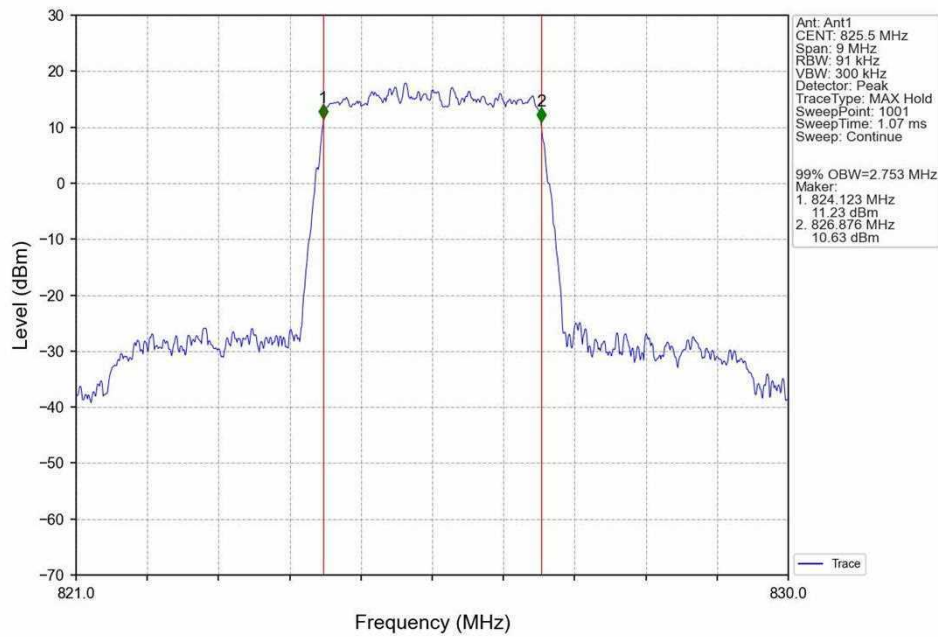
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



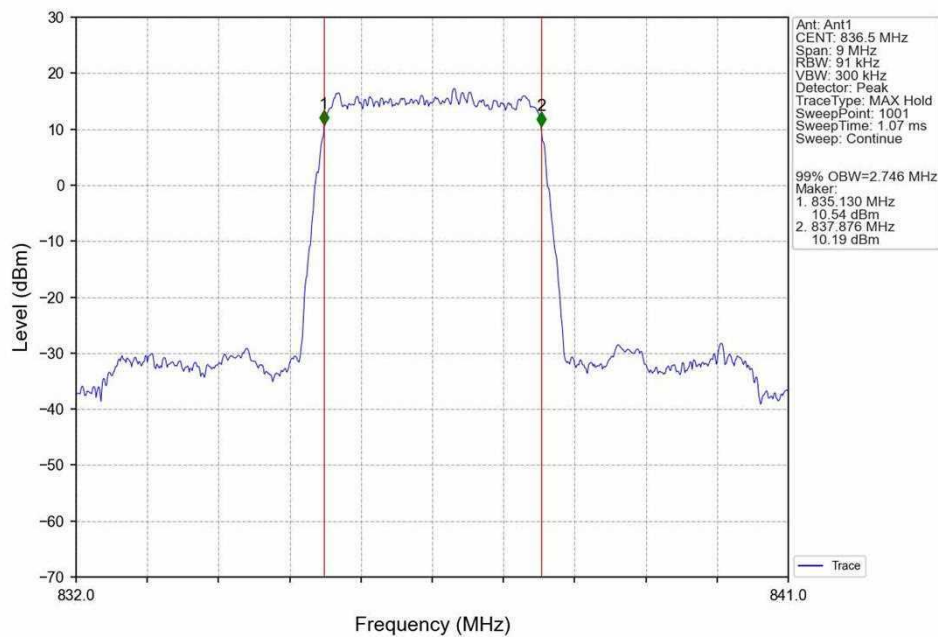
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



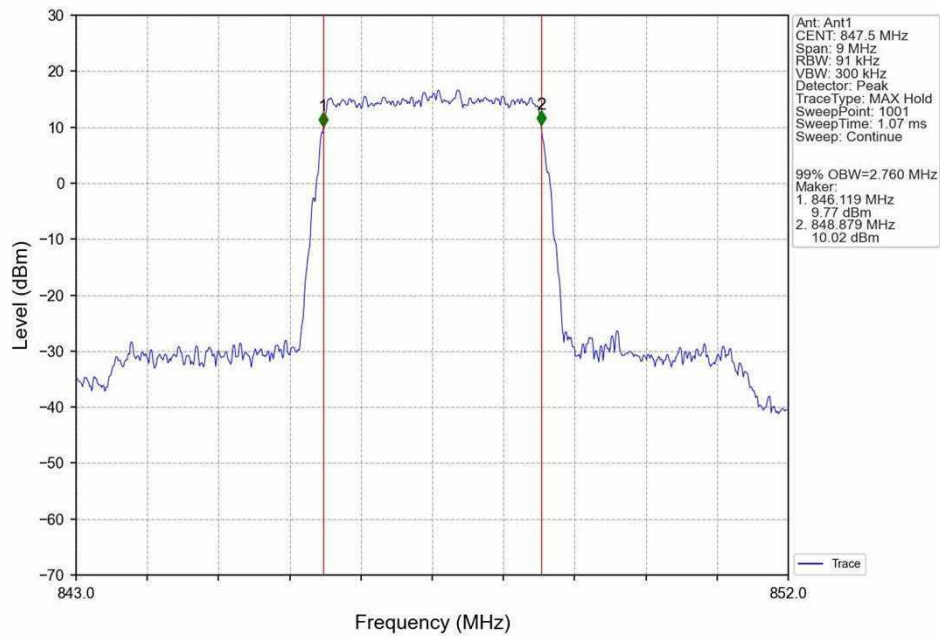
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



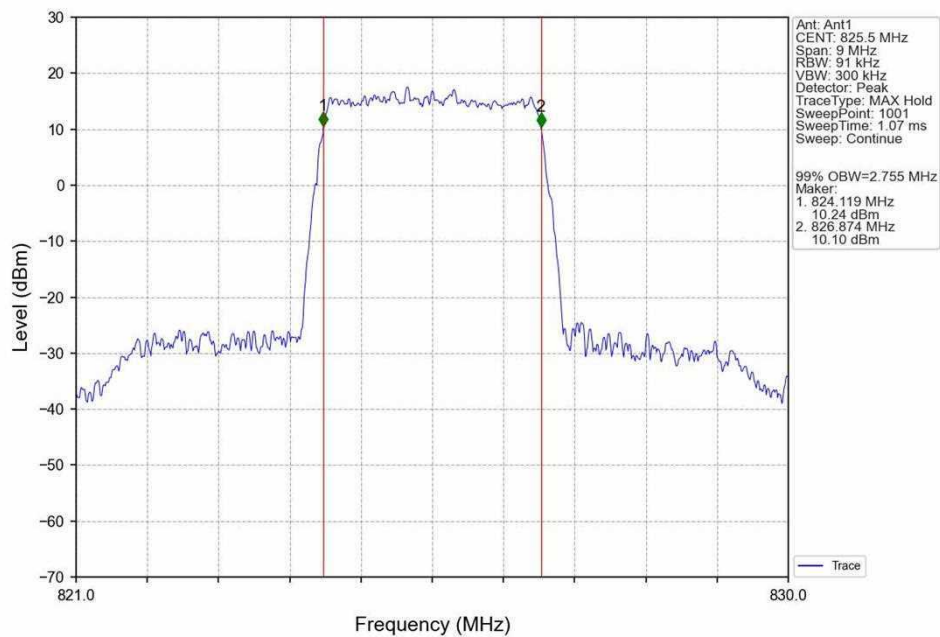
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



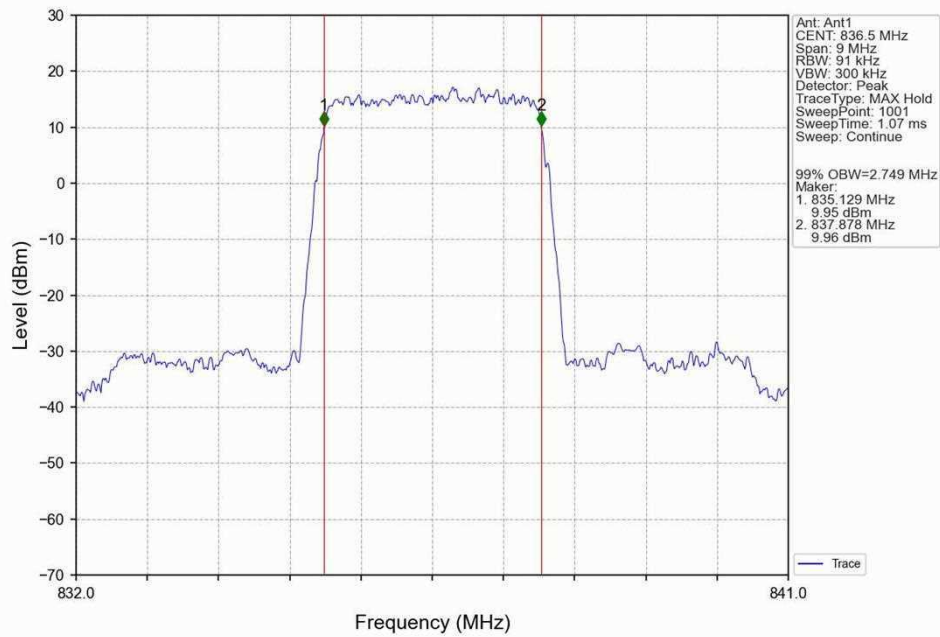
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



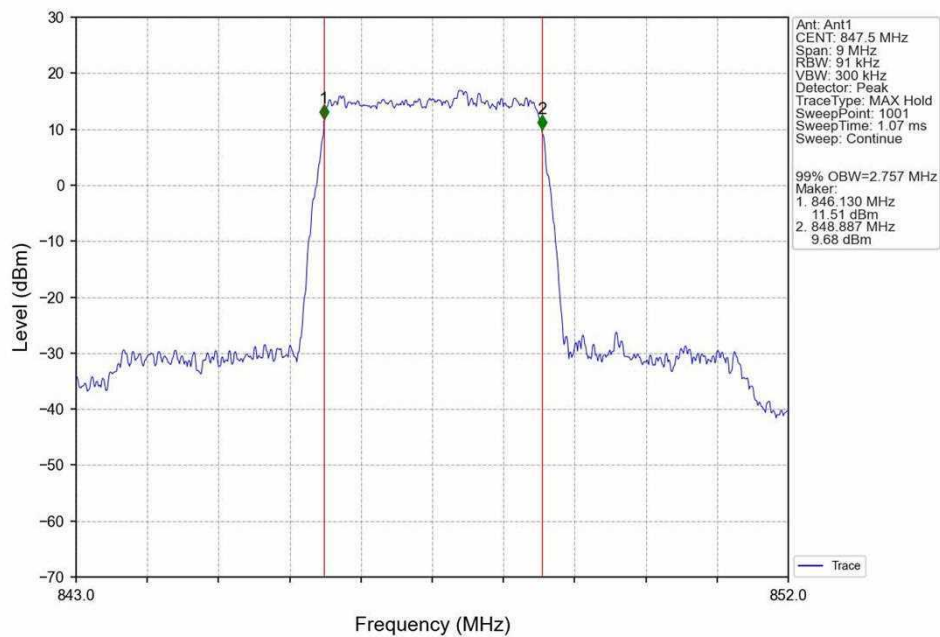
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



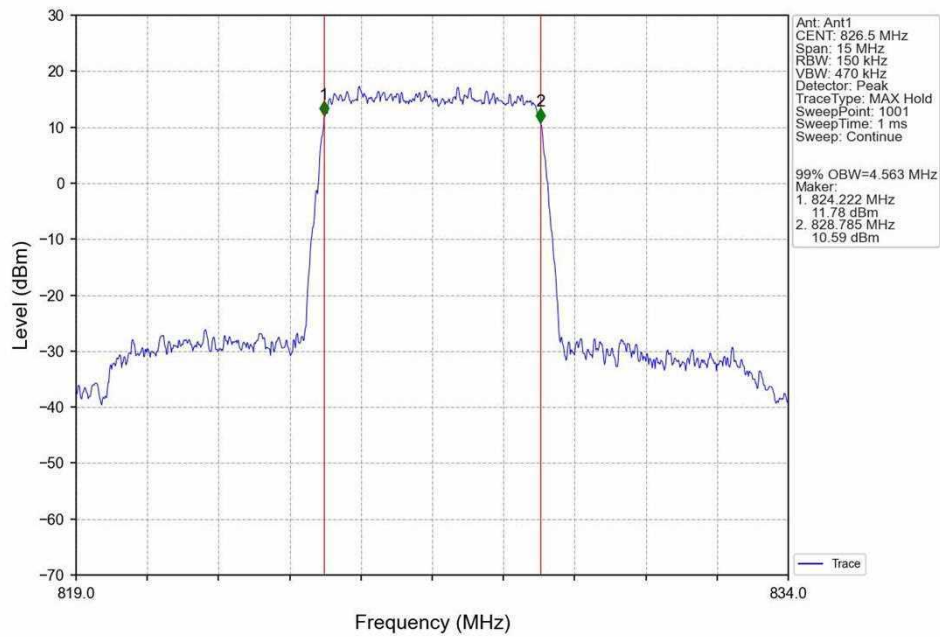
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



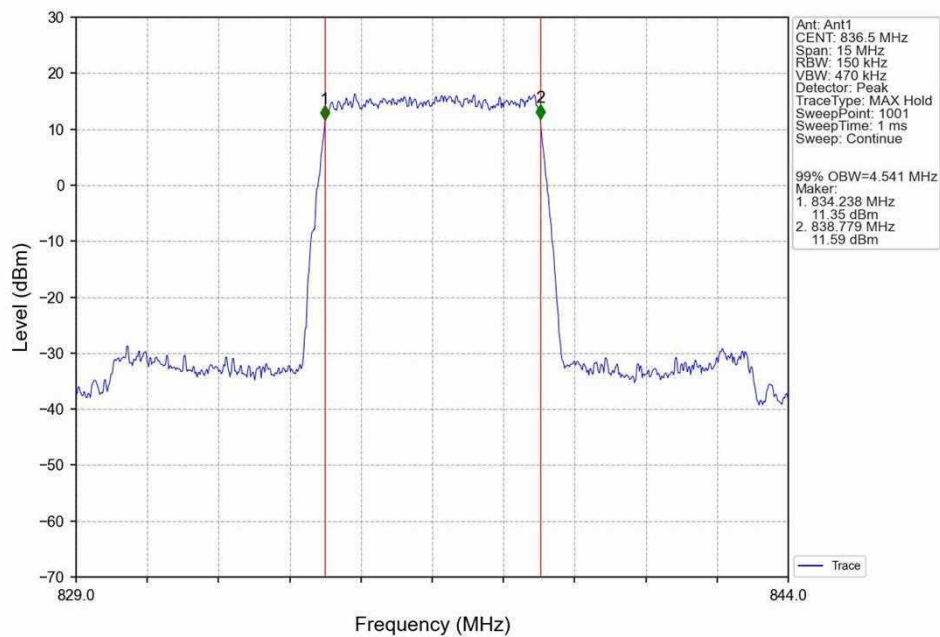
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



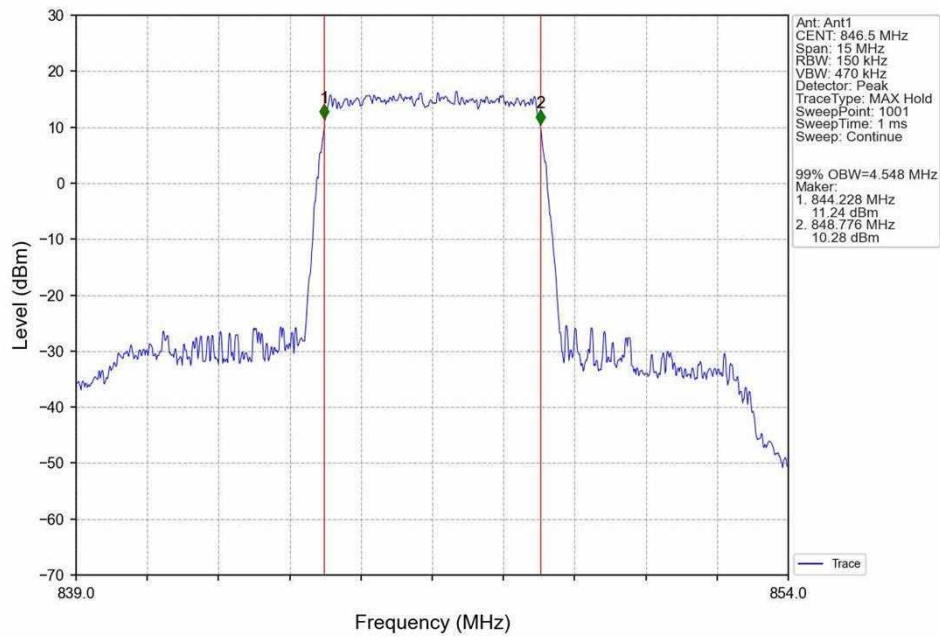
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



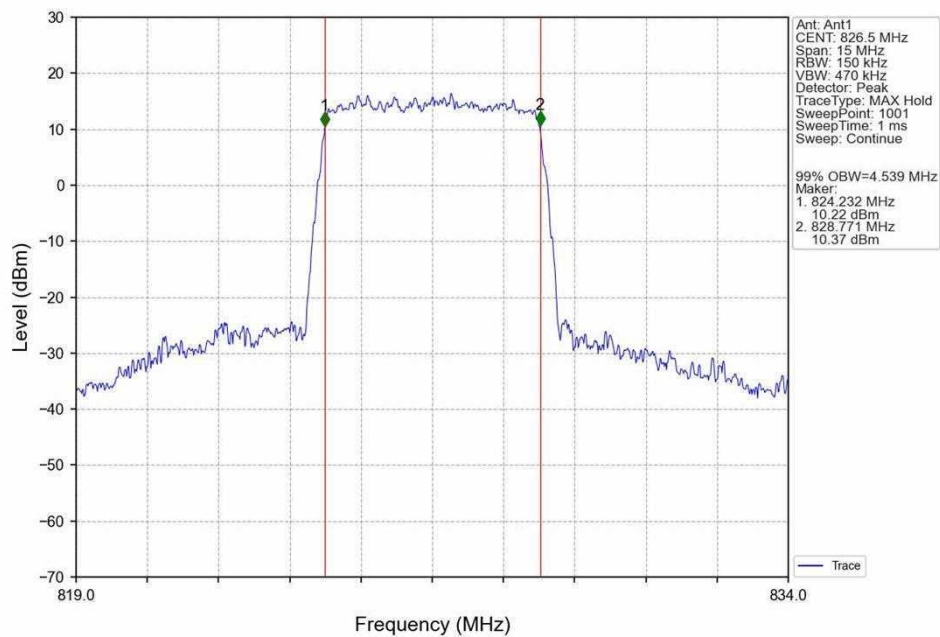
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



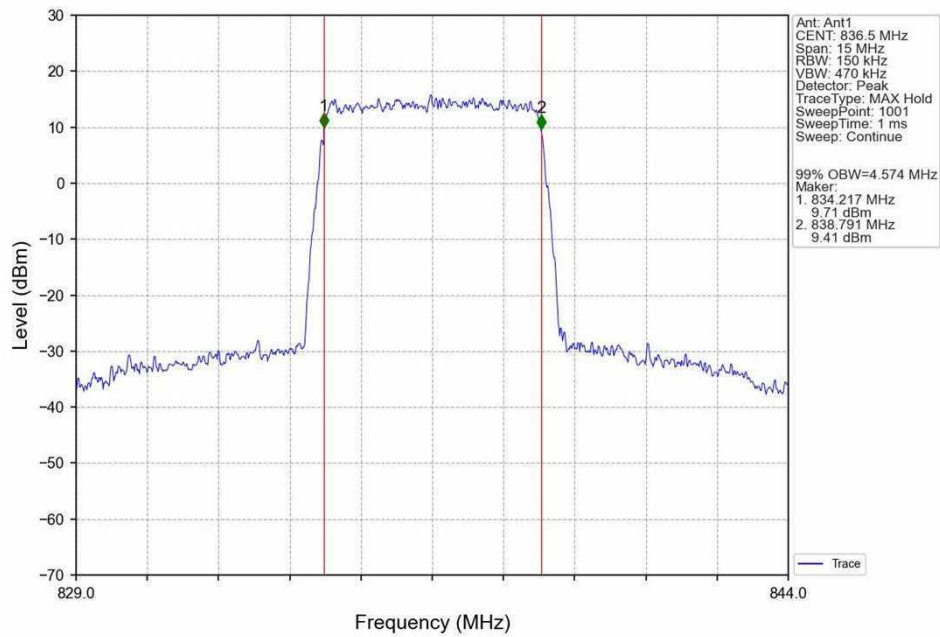
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



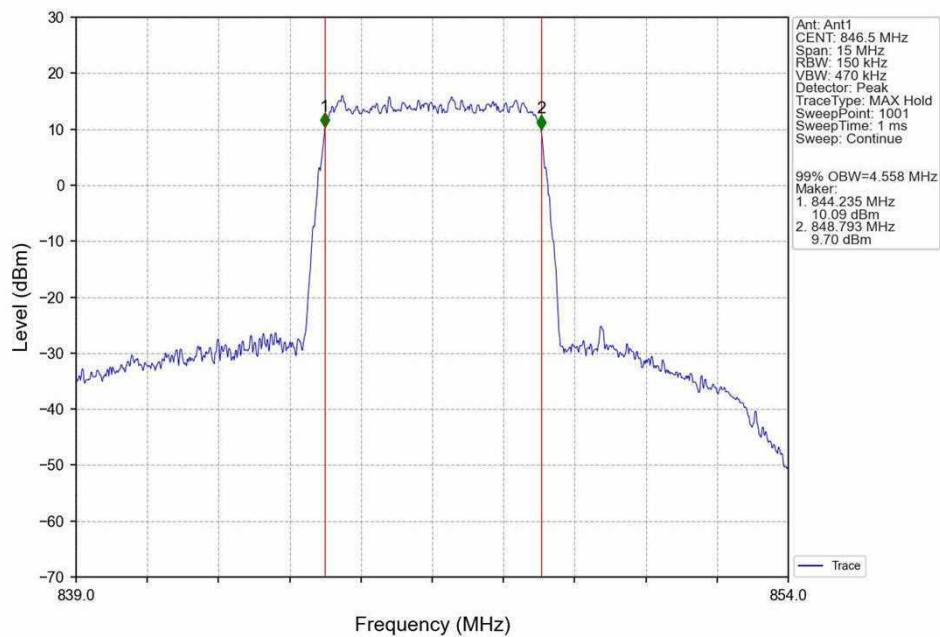
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



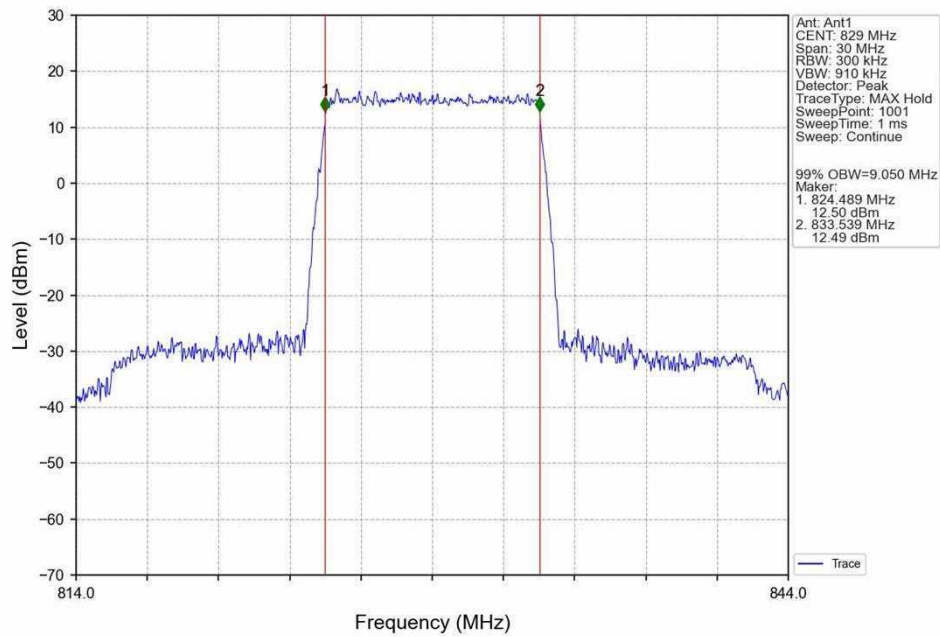
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



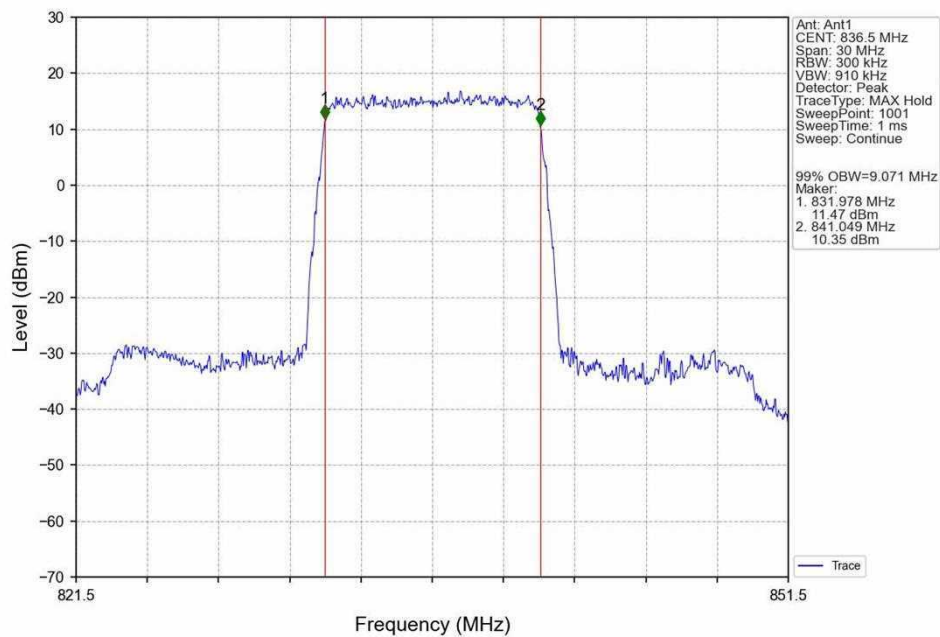
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



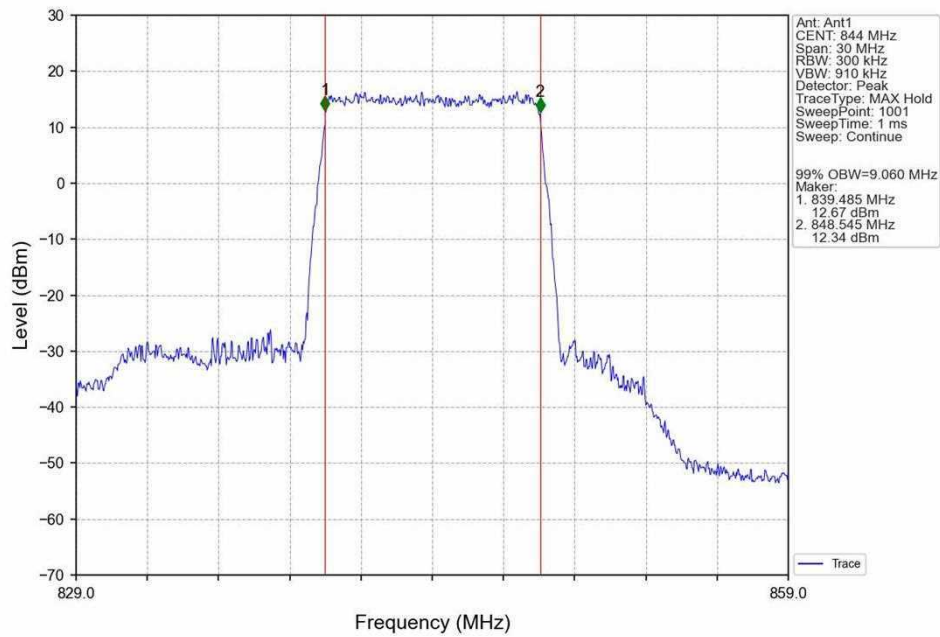
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



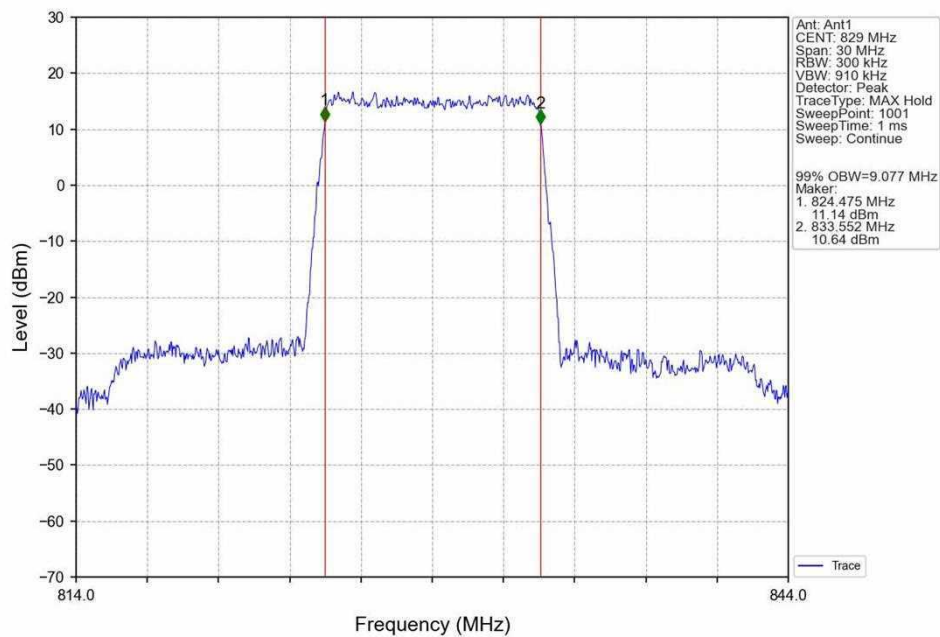
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



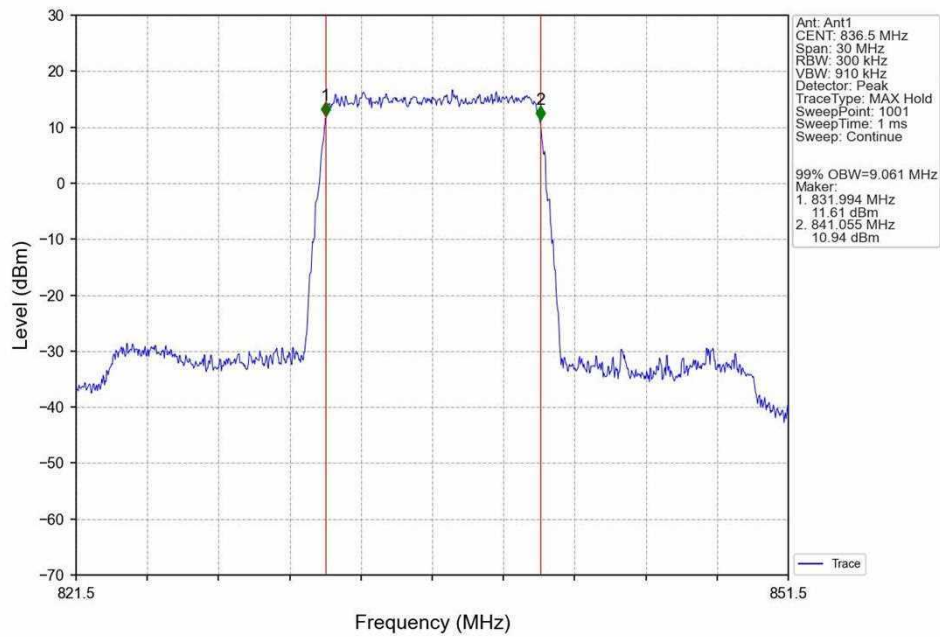
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



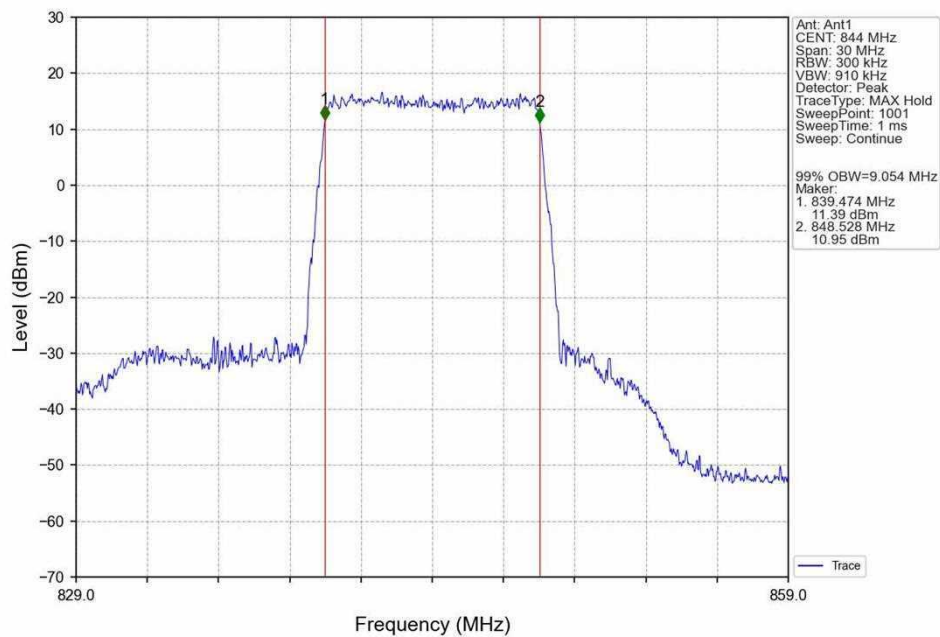
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



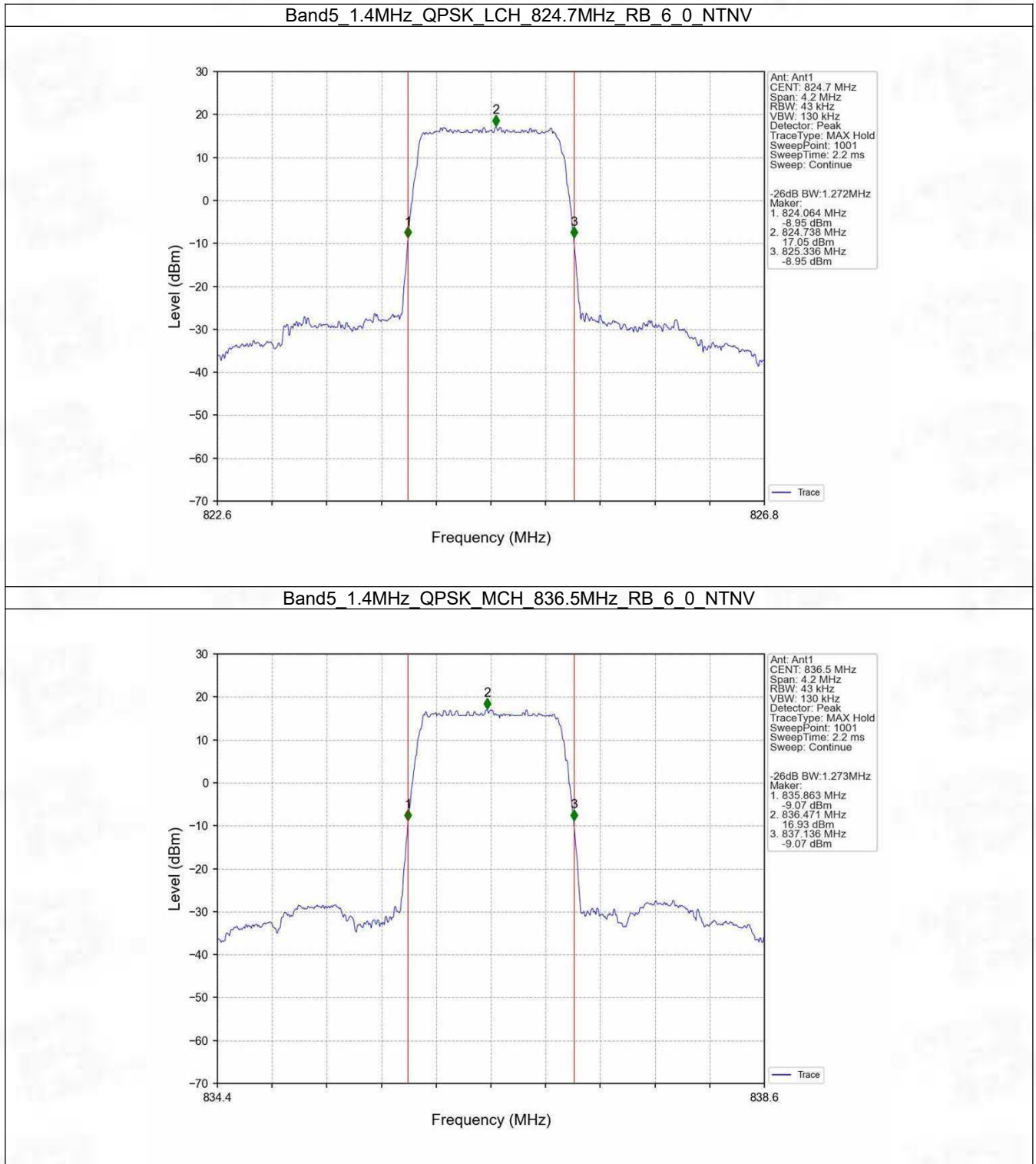
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



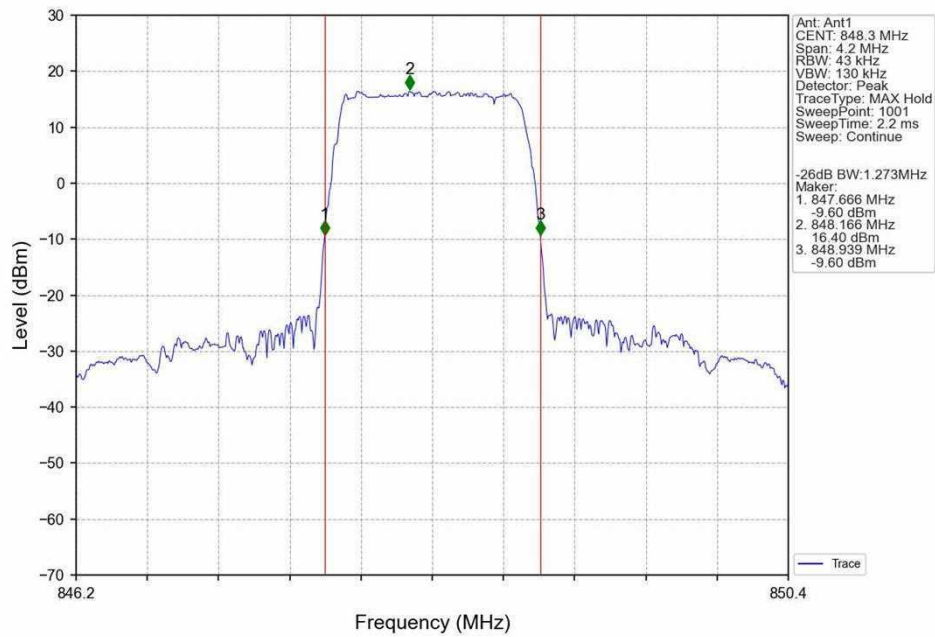
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



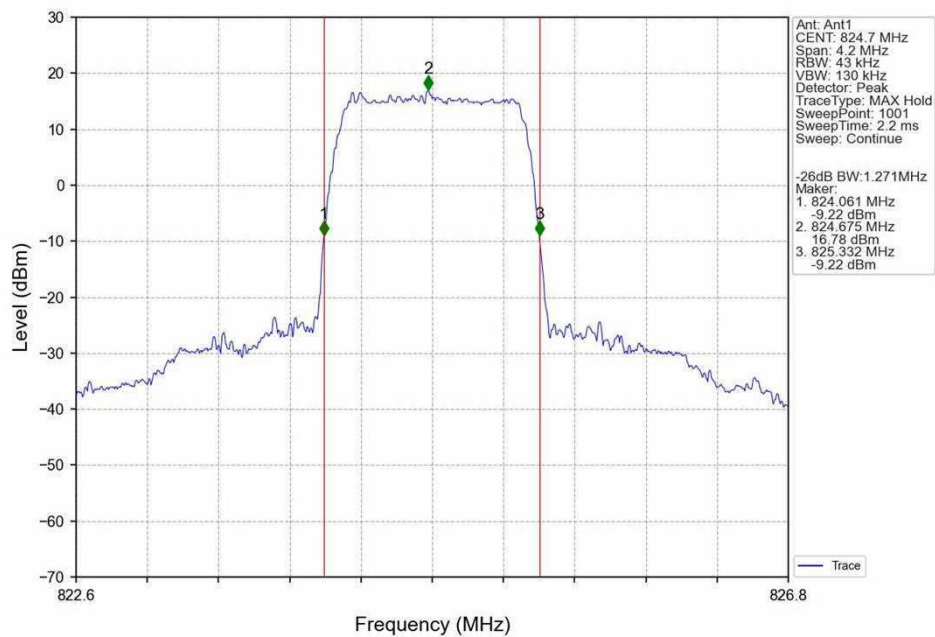
4.2.2 Band5_XDB



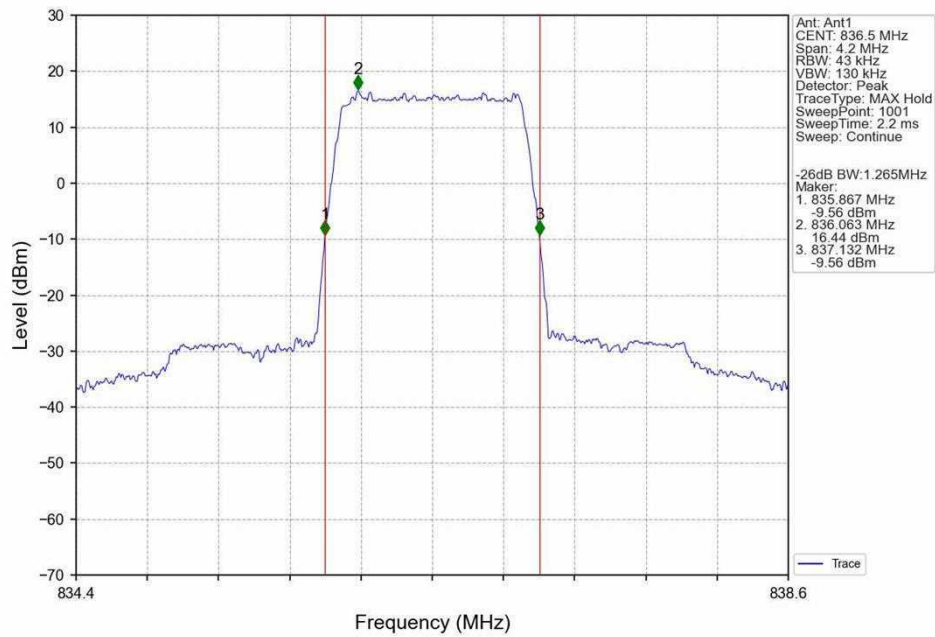
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



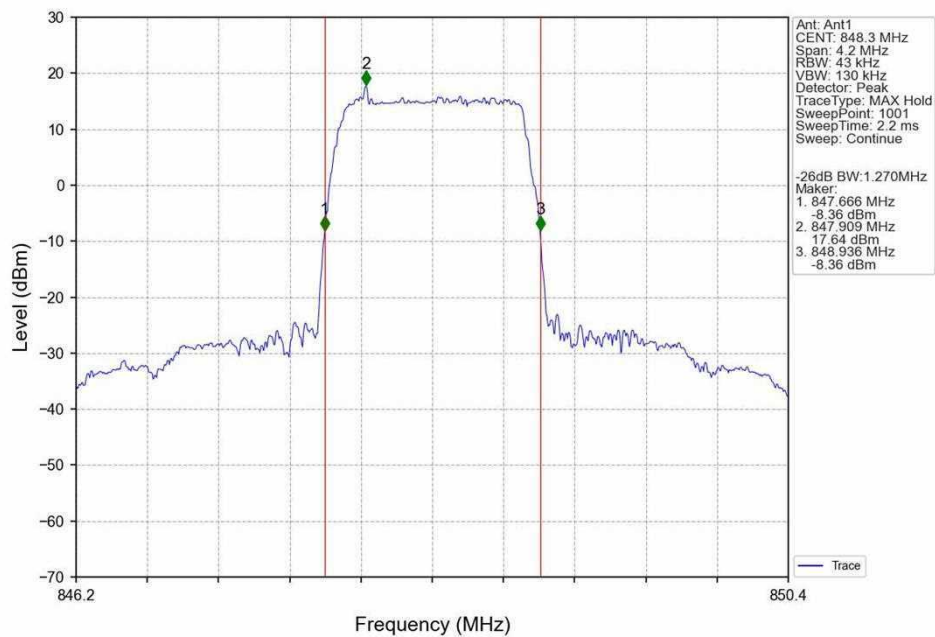
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



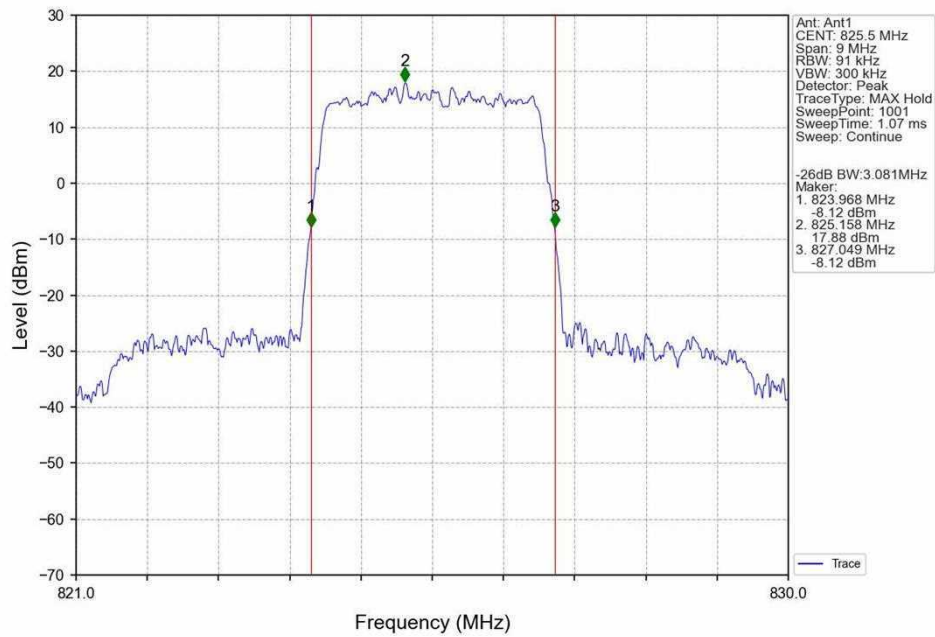
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



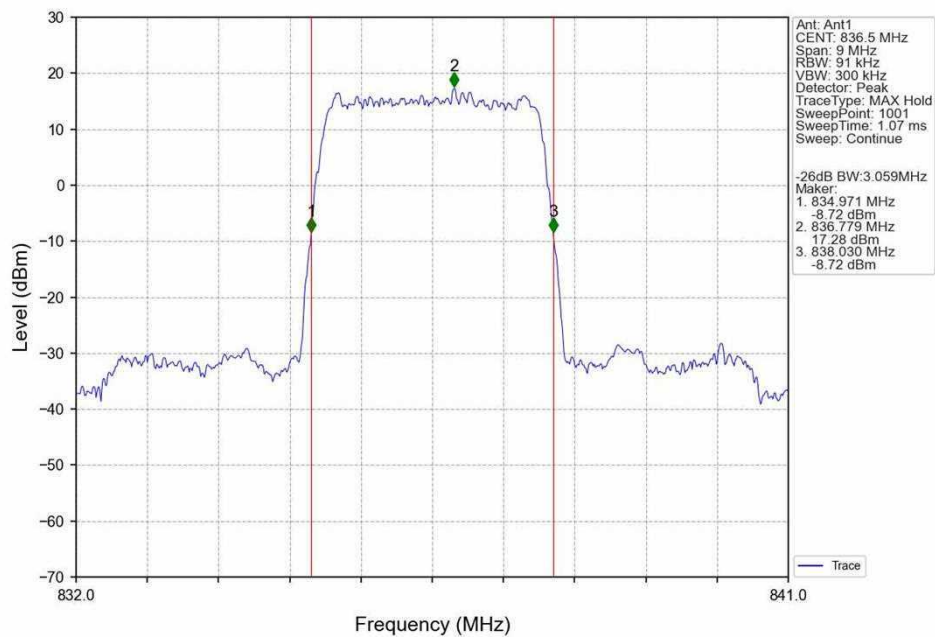
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



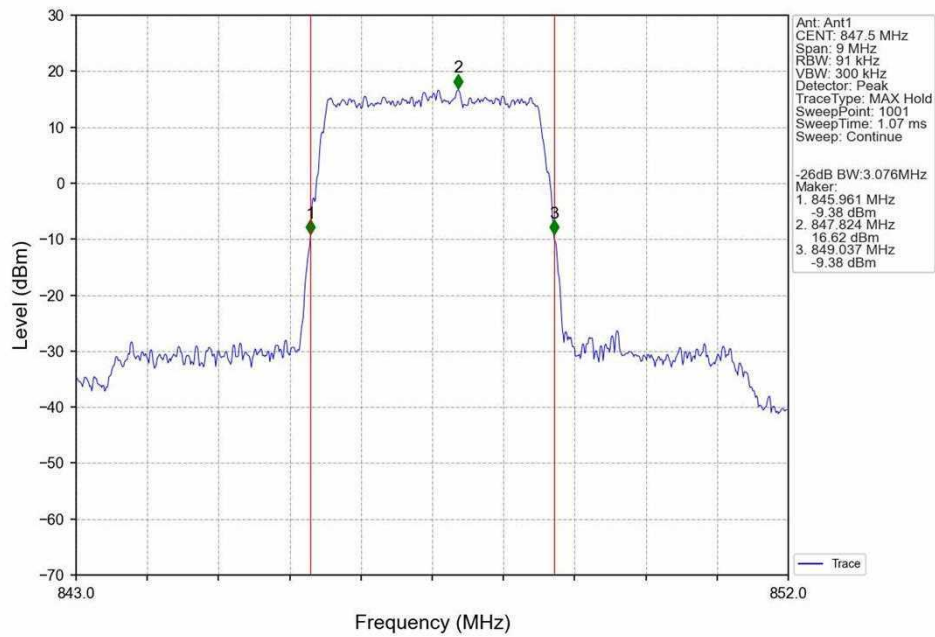
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



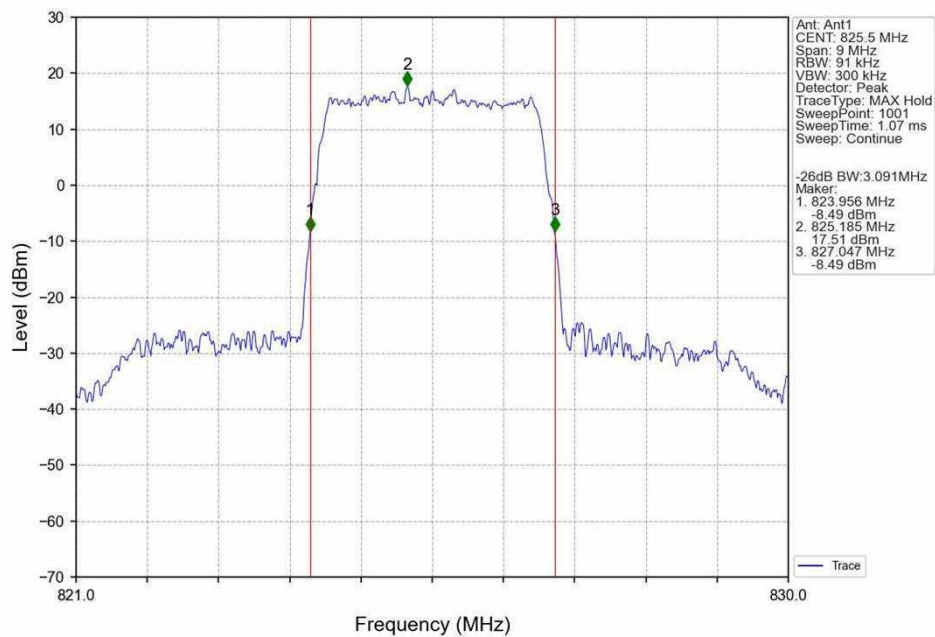
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



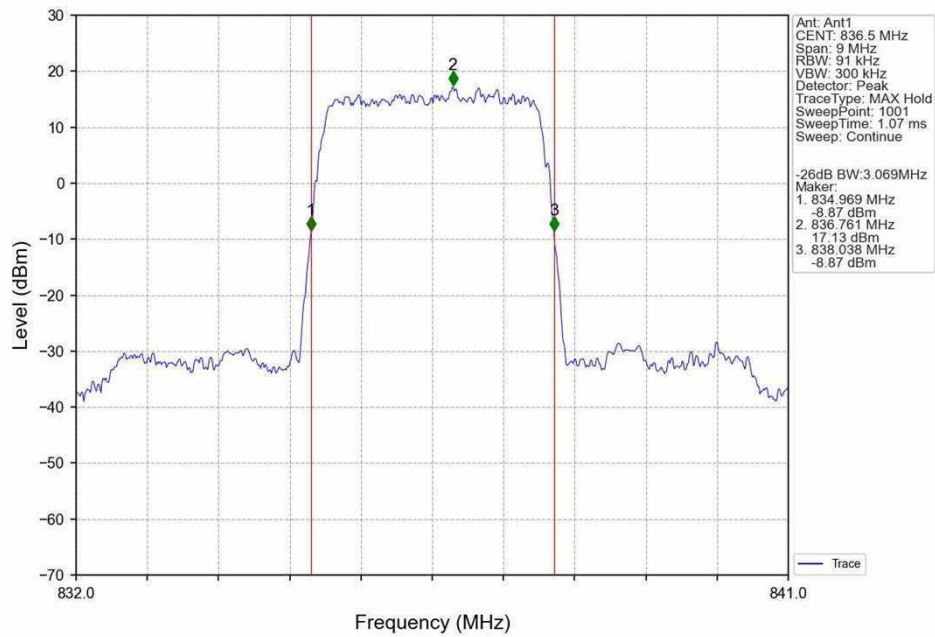
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



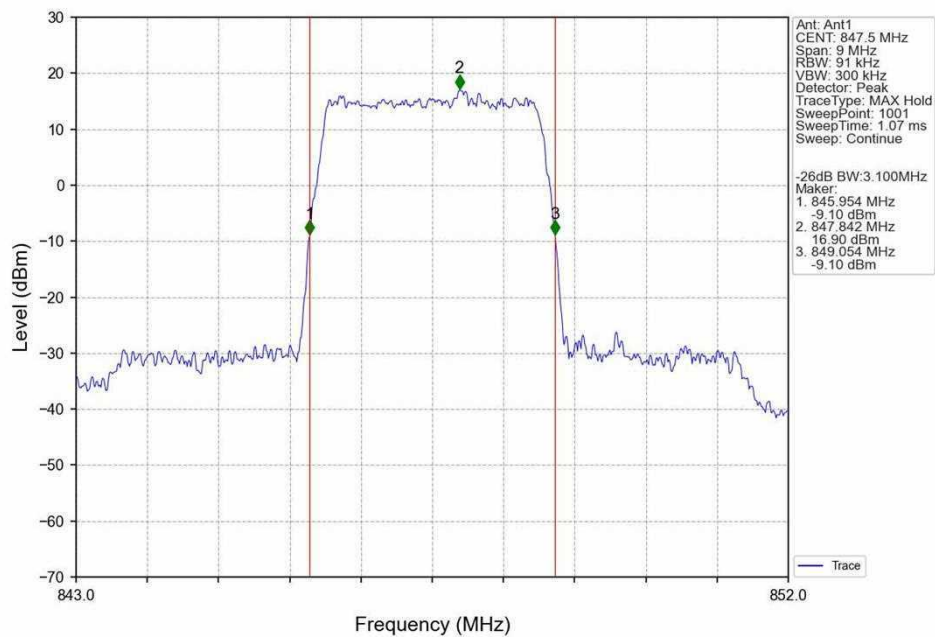
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



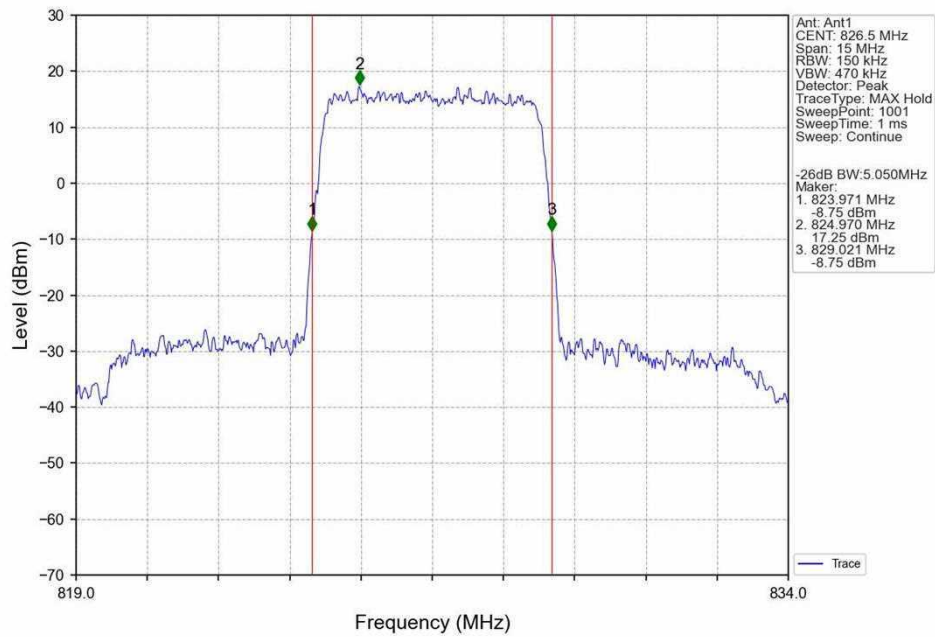
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



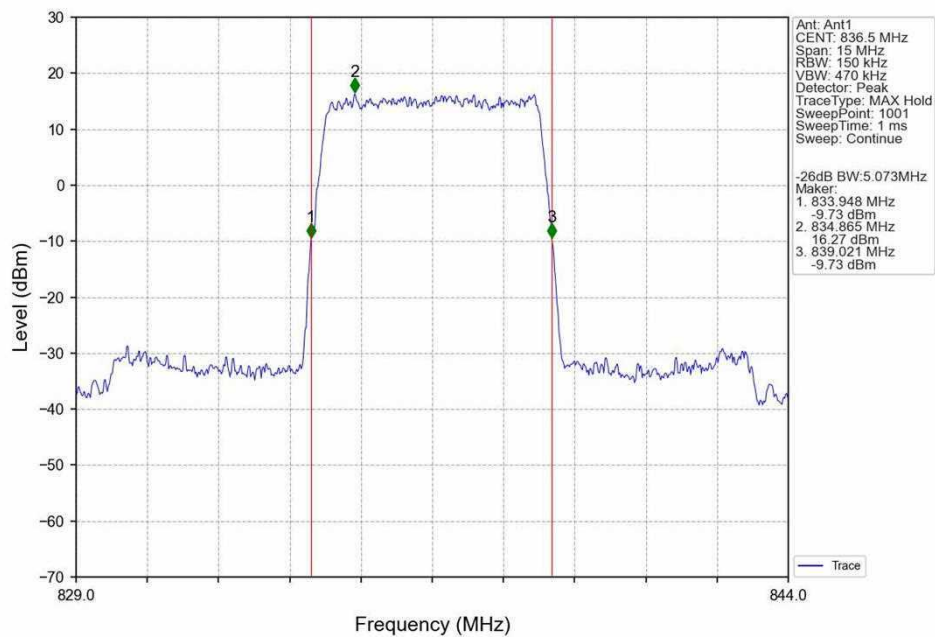
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



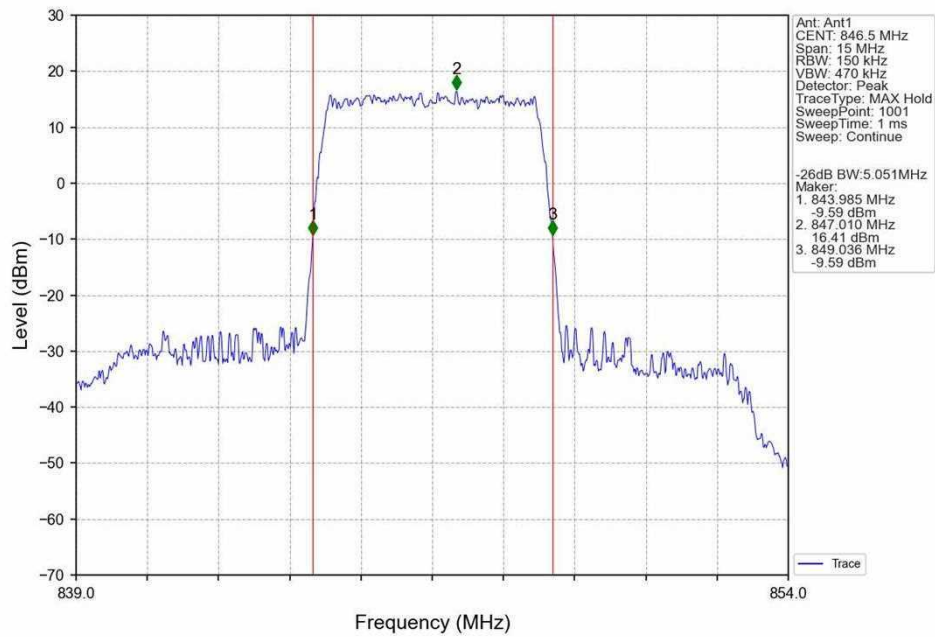
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



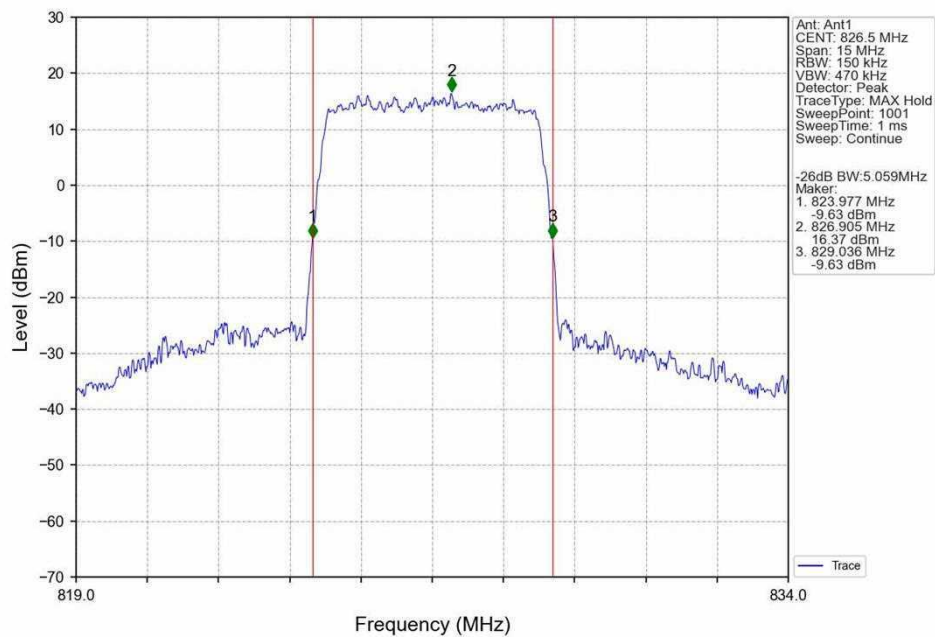
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



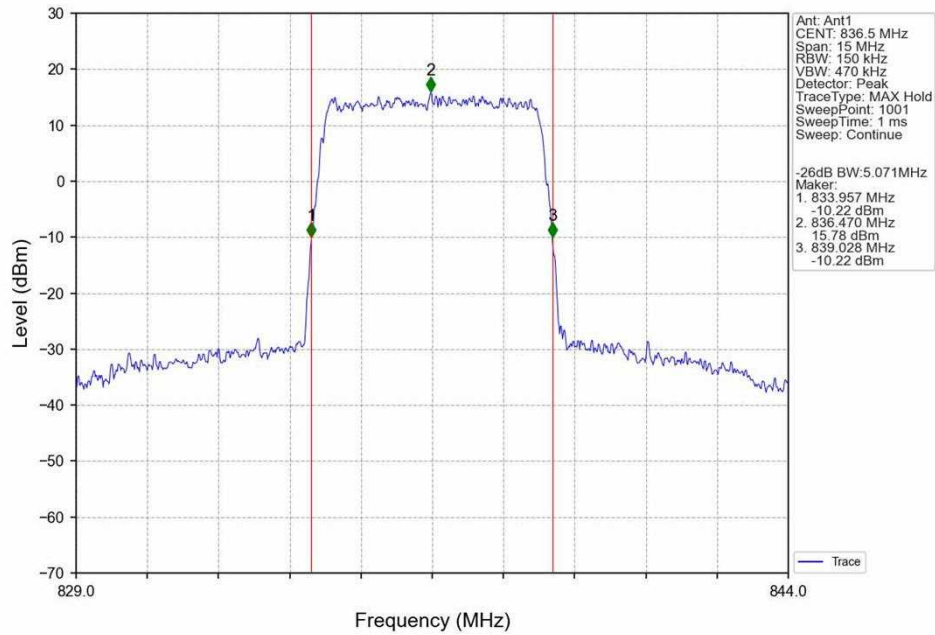
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



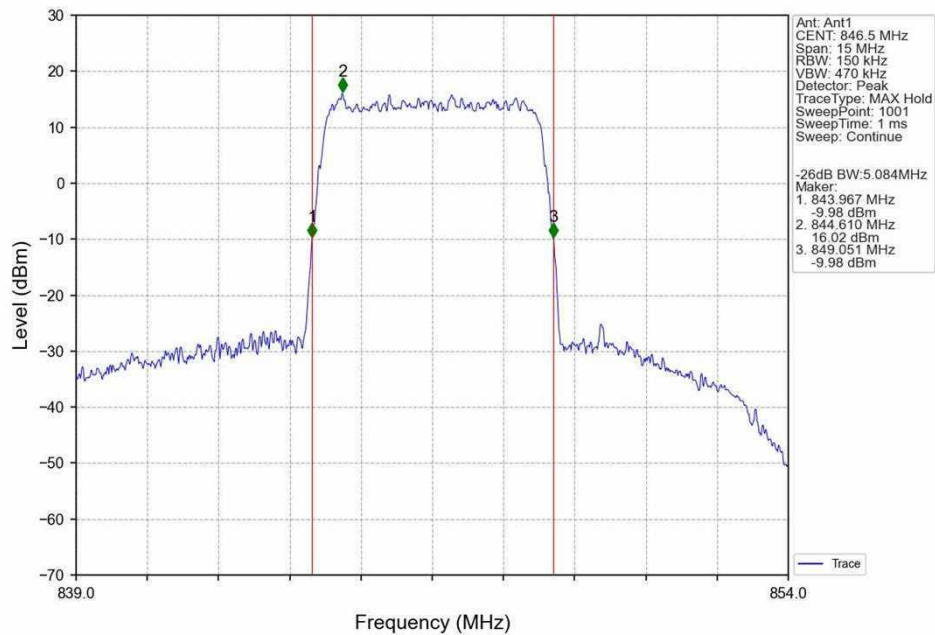
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



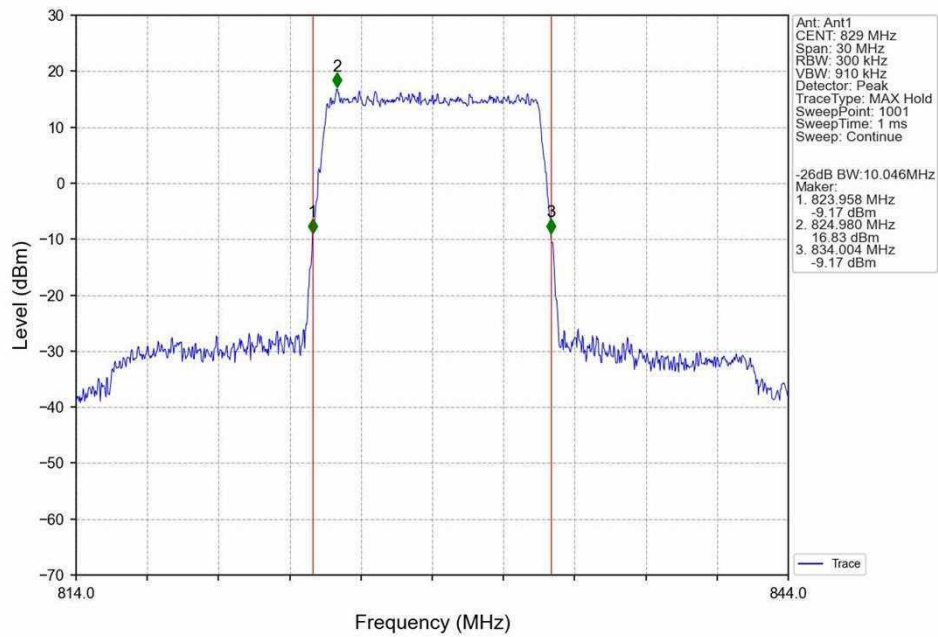
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



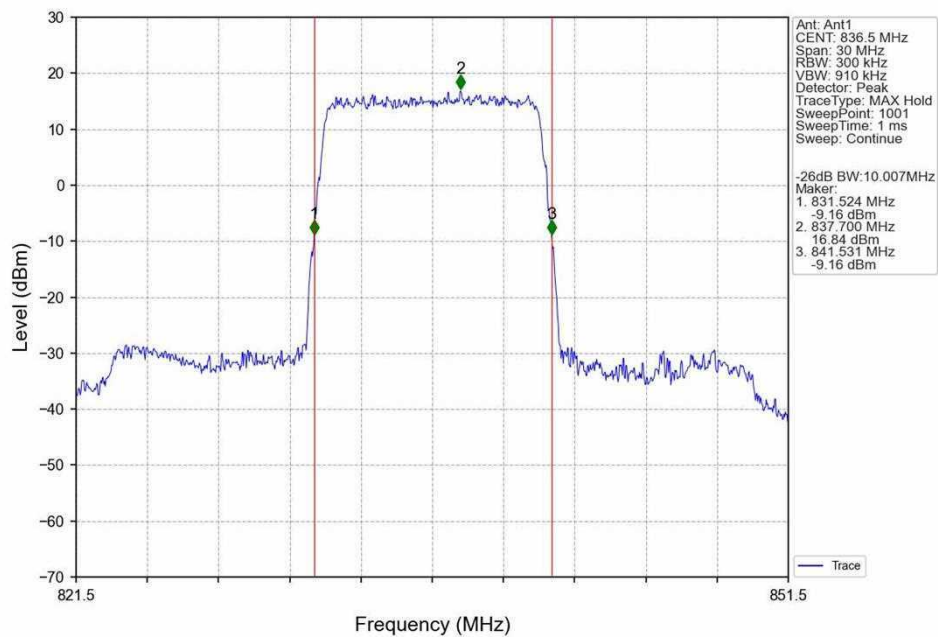
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



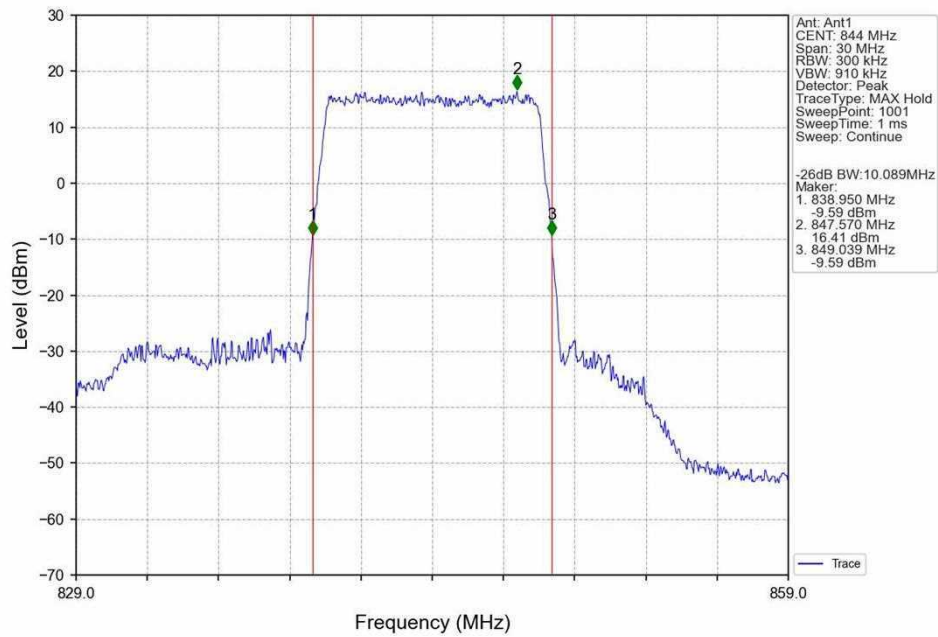
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



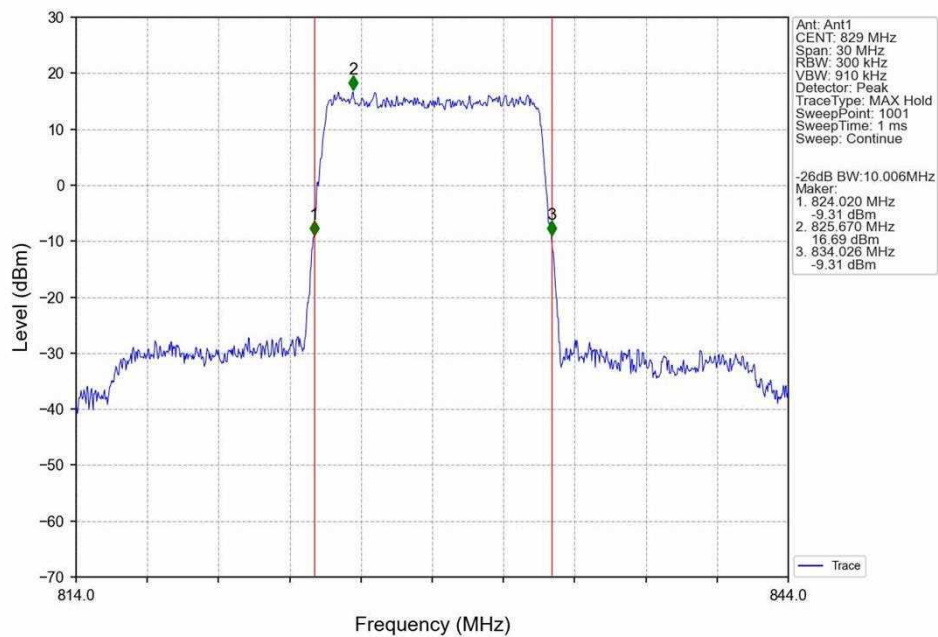
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



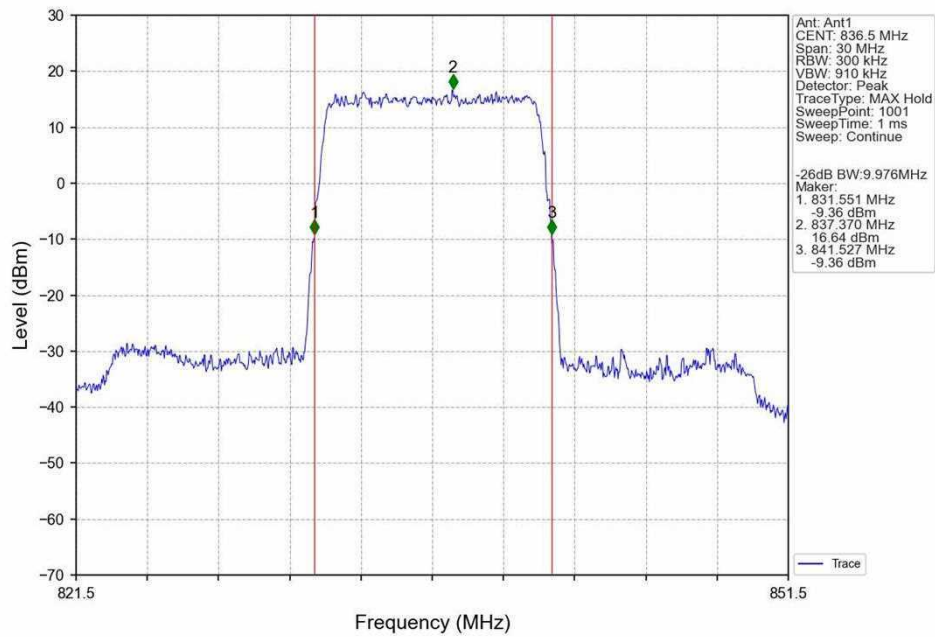
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



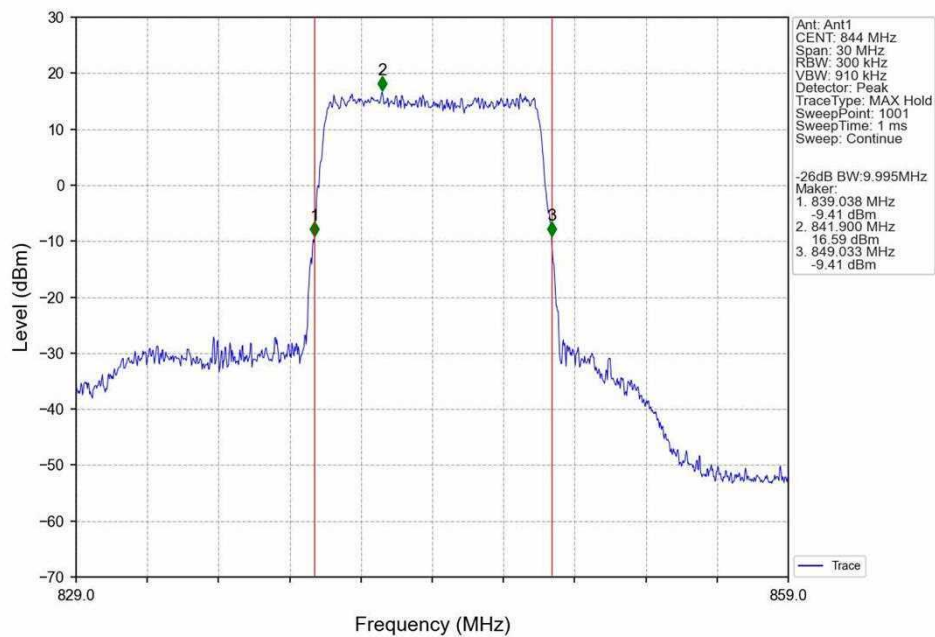
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.47	<=13	Pass
	836.5	6	0	5.63	<=13	Pass
	848.3	6	0	5.40	<=13	Pass
16QAM	824.7	6	0	6.14	<=13	Pass
	836.5	6	0	6.47	<=13	Pass
	848.3	6	0	5.39	<=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	5.53	<=13	Pass
	836.5	15	0	5.66	<=13	Pass
	847.5	15	0	5.42	<=13	Pass
16QAM	825.5	15	0	6.25	<=13	Pass
	836.5	15	0	6.42	<=13	Pass
	847.5	15	0	6.32	<=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	5.46	<=13	Pass
	836.5	25	0	5.56	<=13	Pass
	846.5	25	0	5.57	<=13	Pass
16QAM	826.5	25	0	5.54	<=13	Pass
	836.5	25	0	5.62	<=13	Pass
	846.5	25	0	5.57	<=13	Pass

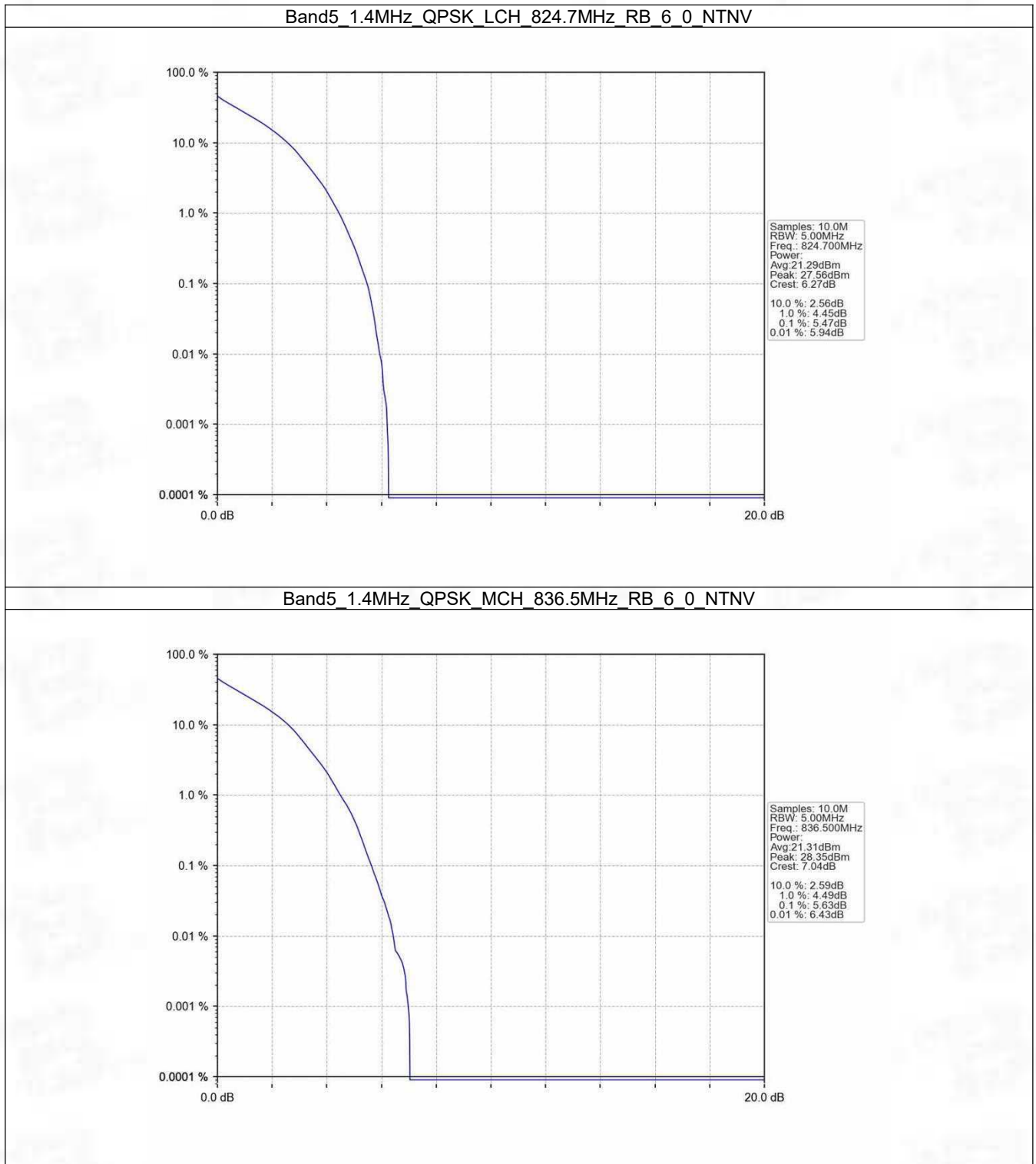
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.70	<=13	Pass
	836.5	50	0	5.60	<=13	Pass
	844	50	0	5.68	<=13	Pass
16QAM	829	50	0	6.35	<=13	Pass
	836.5	50	0	6.35	<=13	Pass

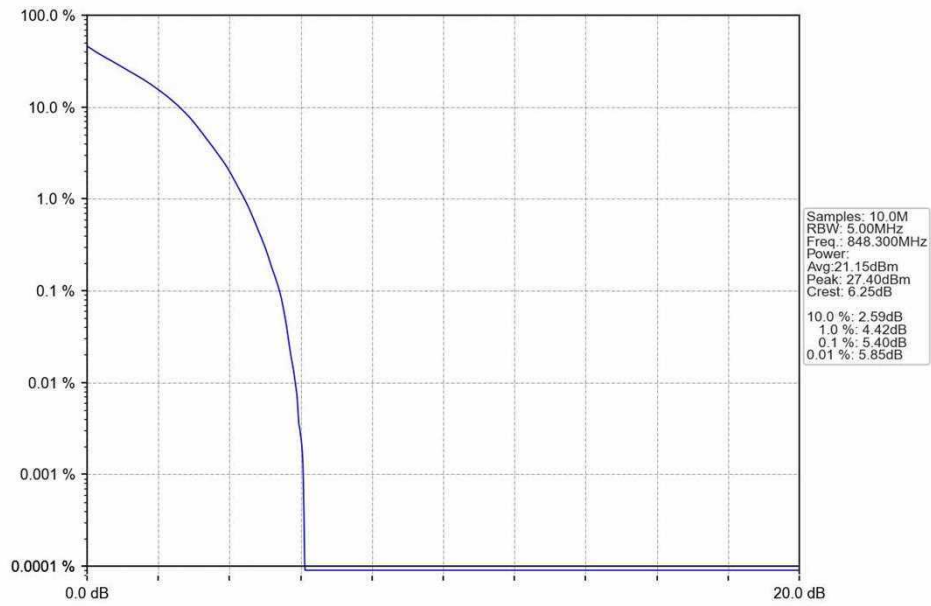
	844	50	0	6.38	<=13	Pass
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5.2 Test Graph

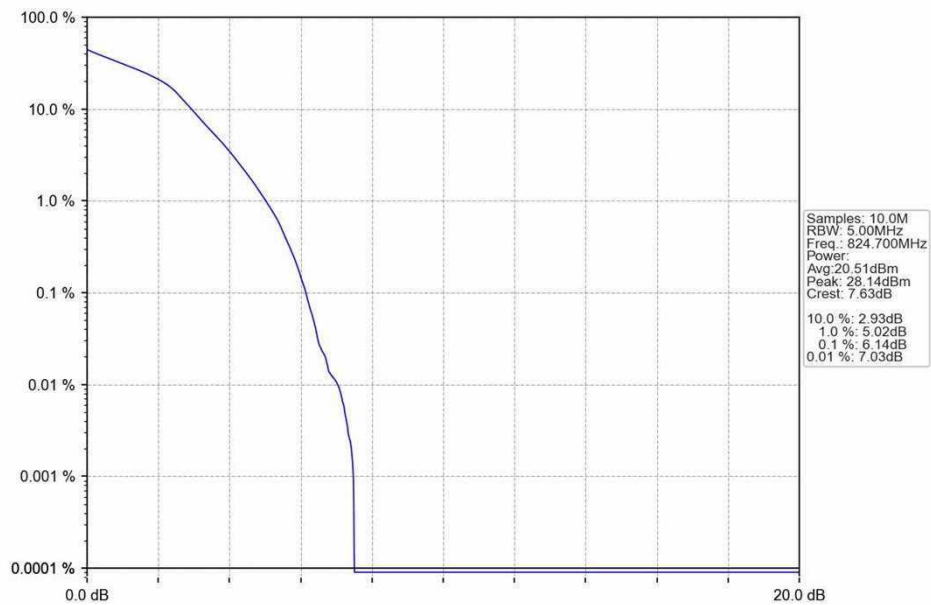
5.2.1 B5_1.4MHz



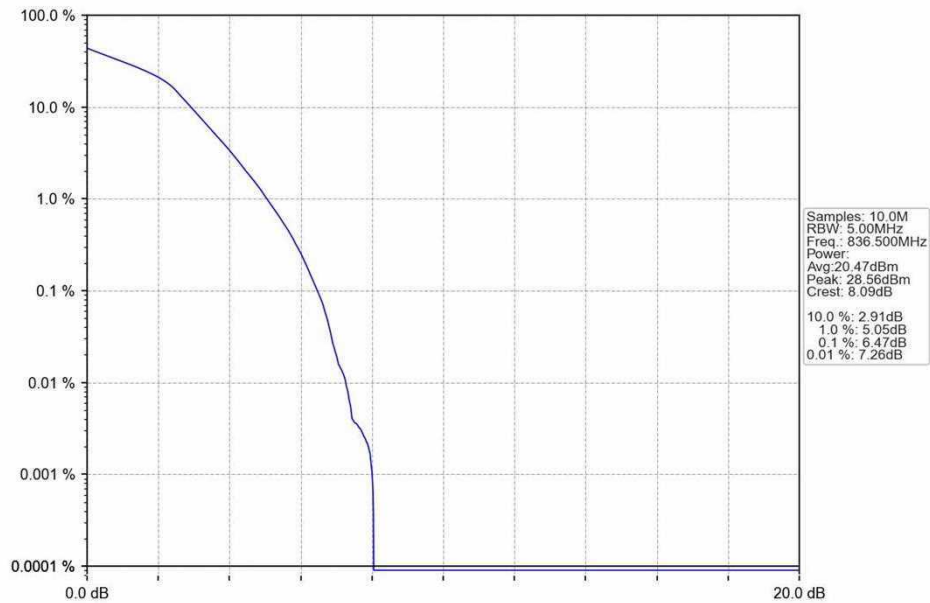
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



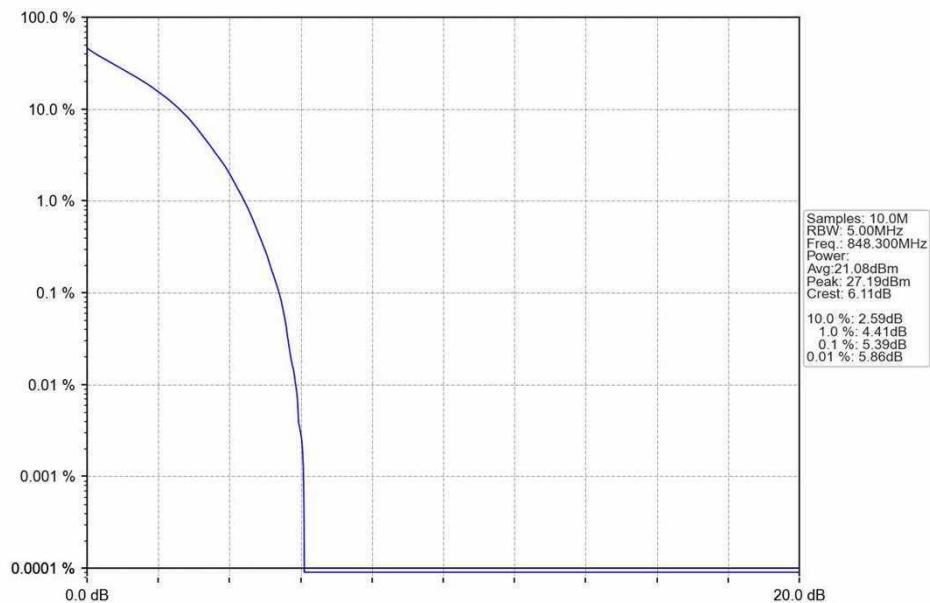
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



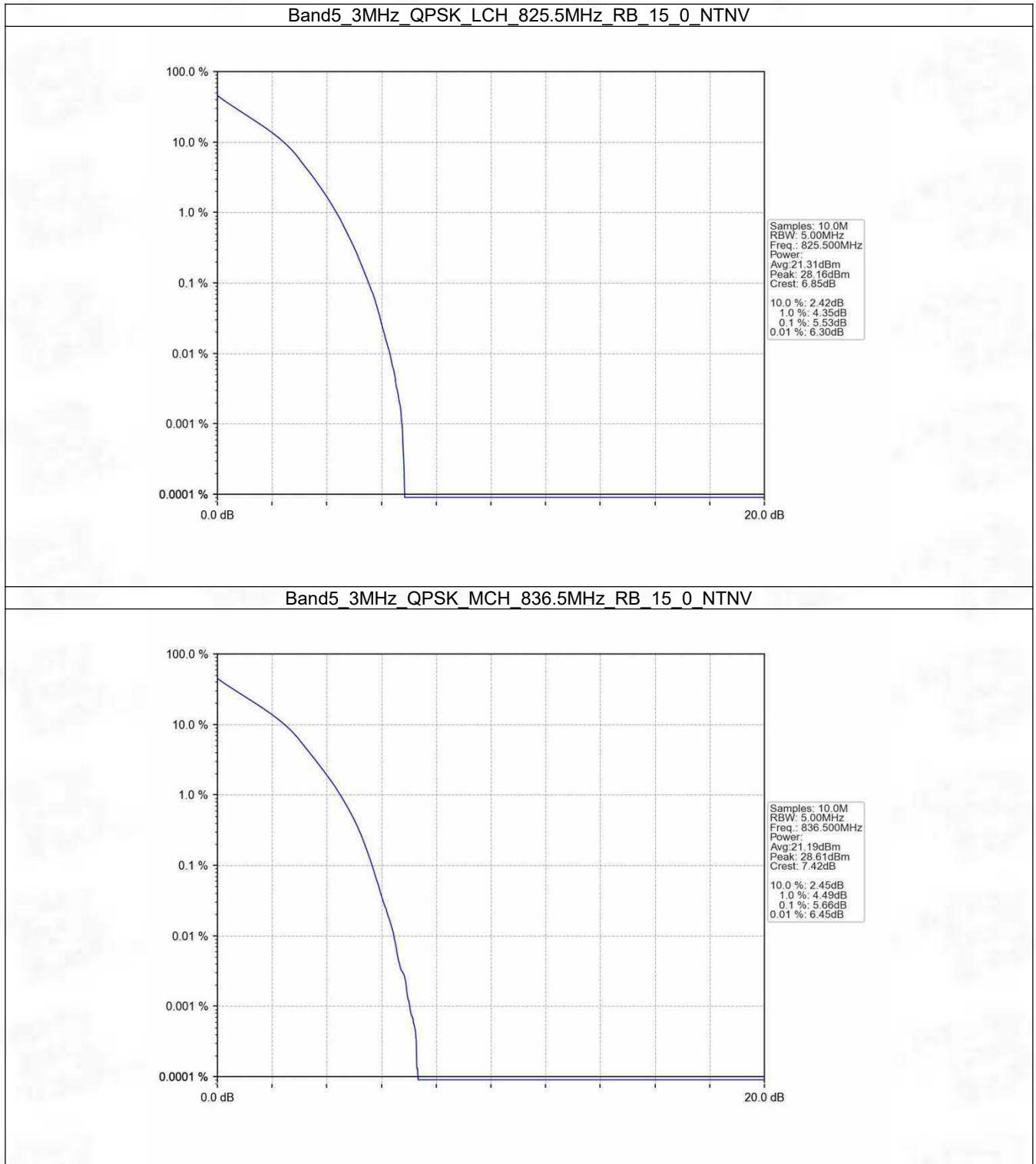
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



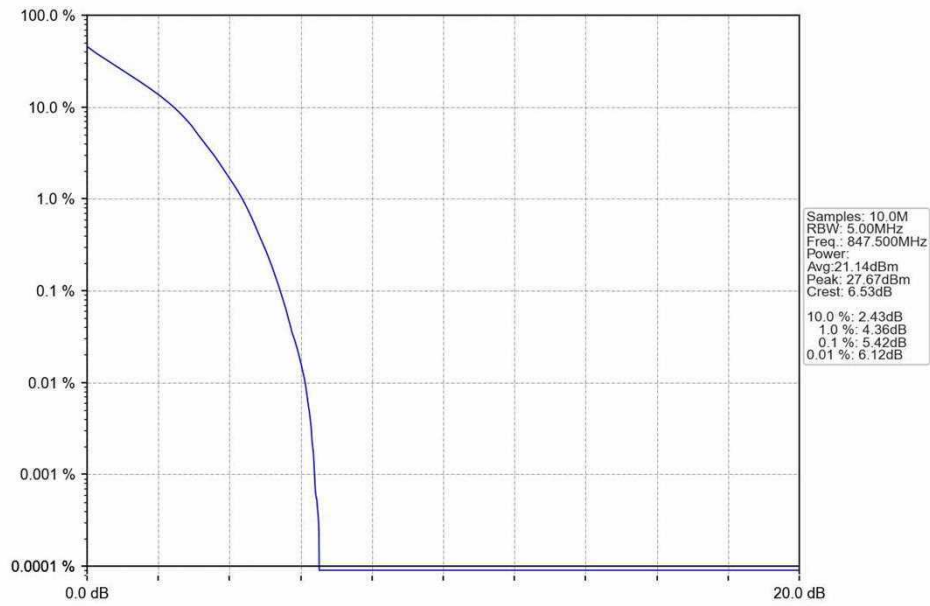
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



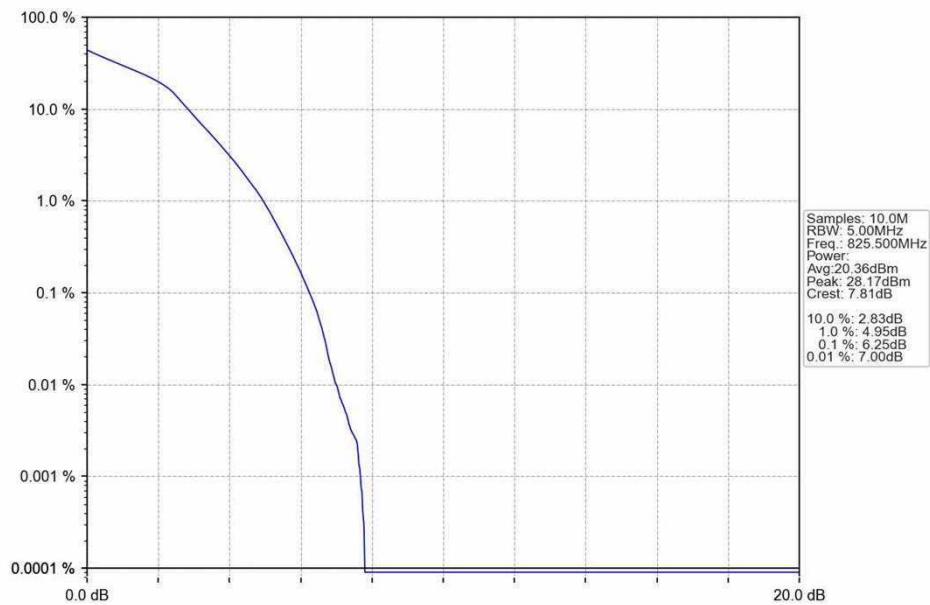
5.2.2 B5_3MHz



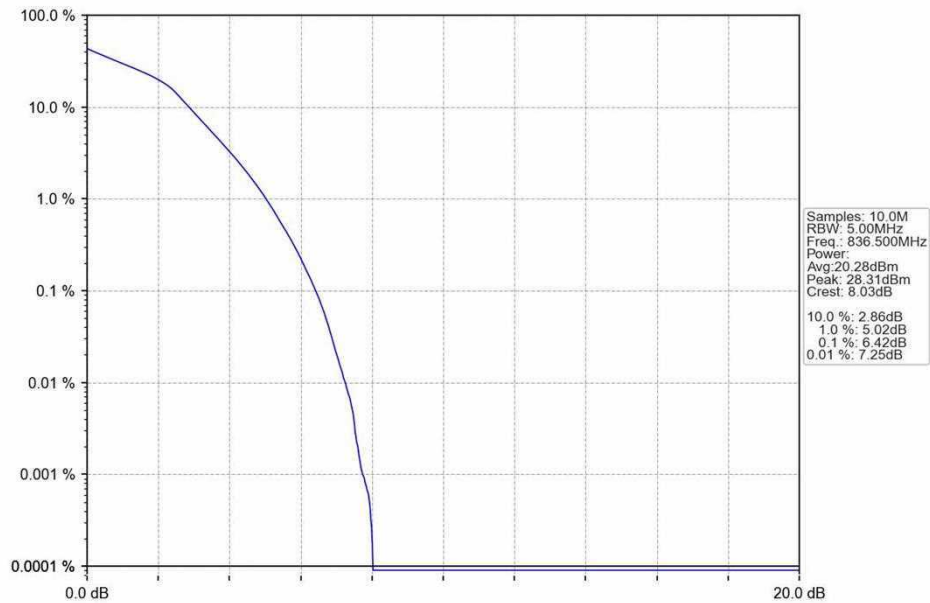
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



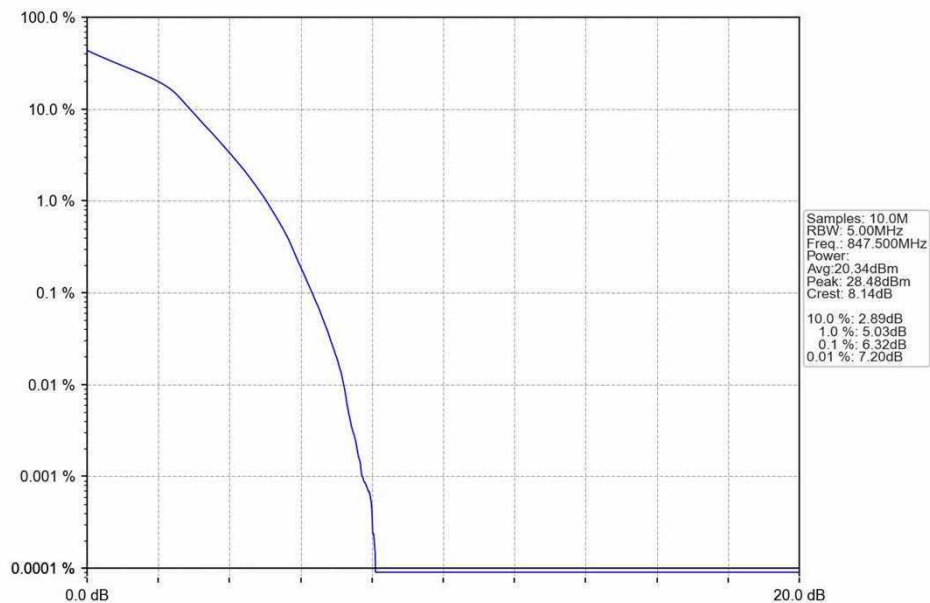
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



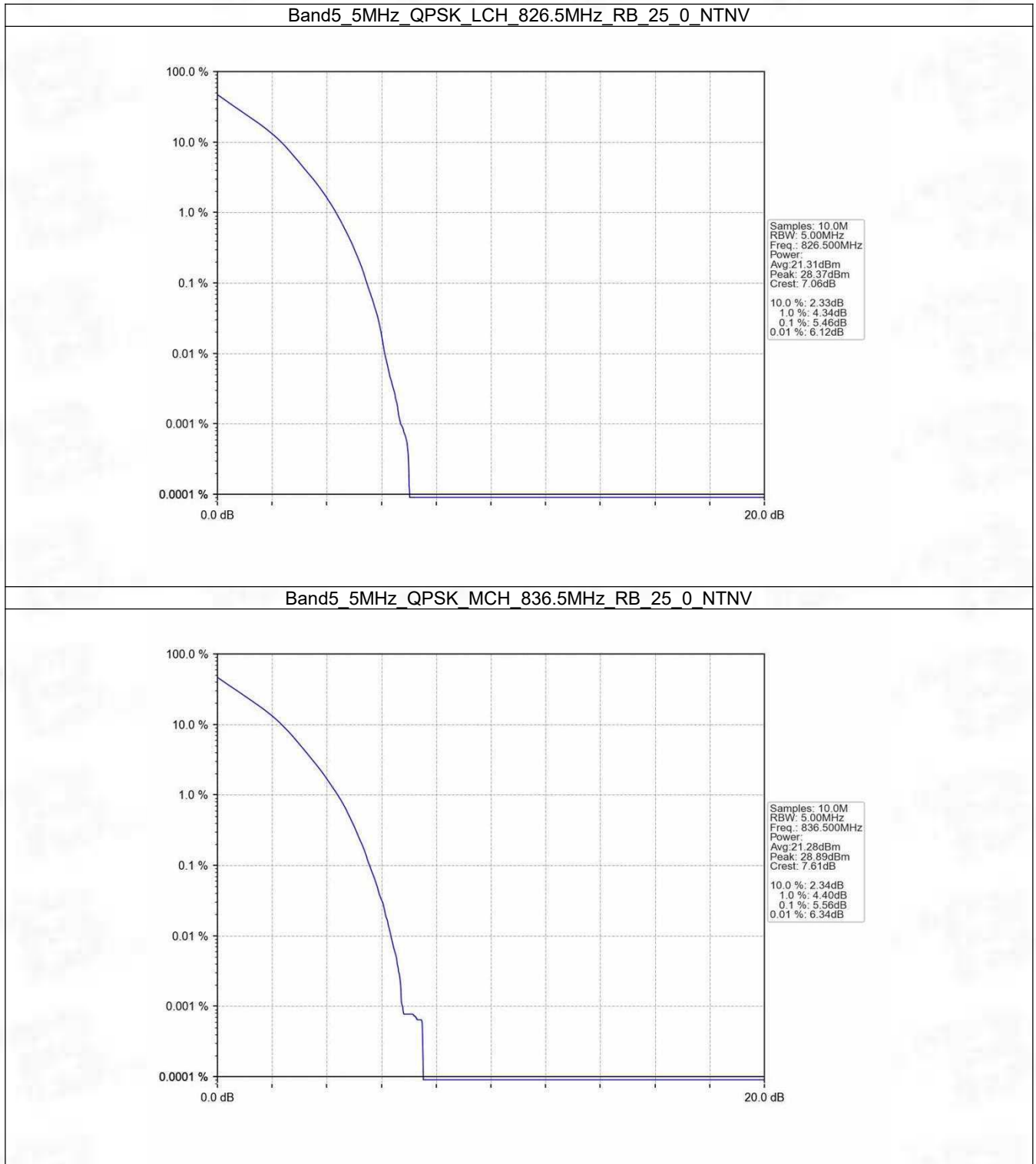
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



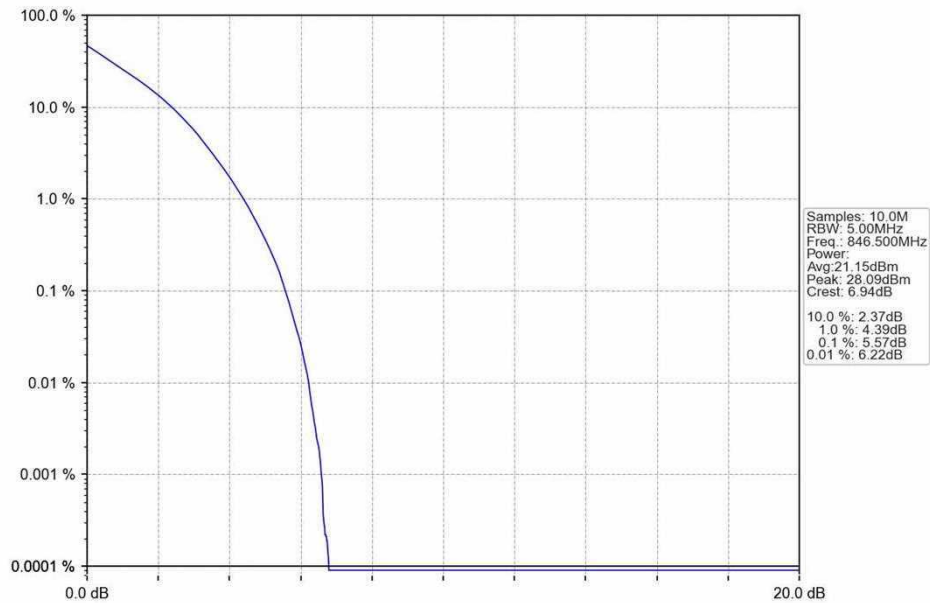
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



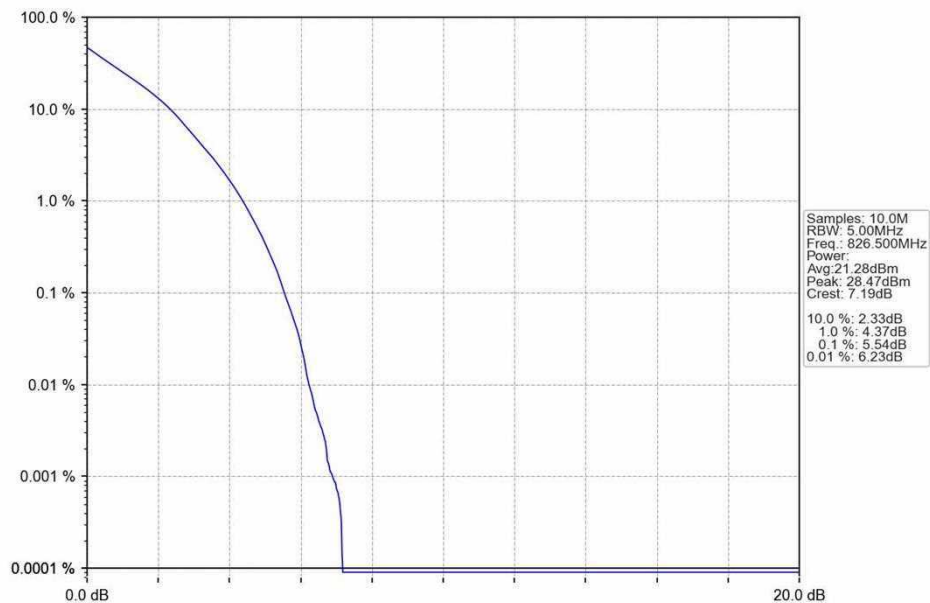
5.2.3 B5_5MHz



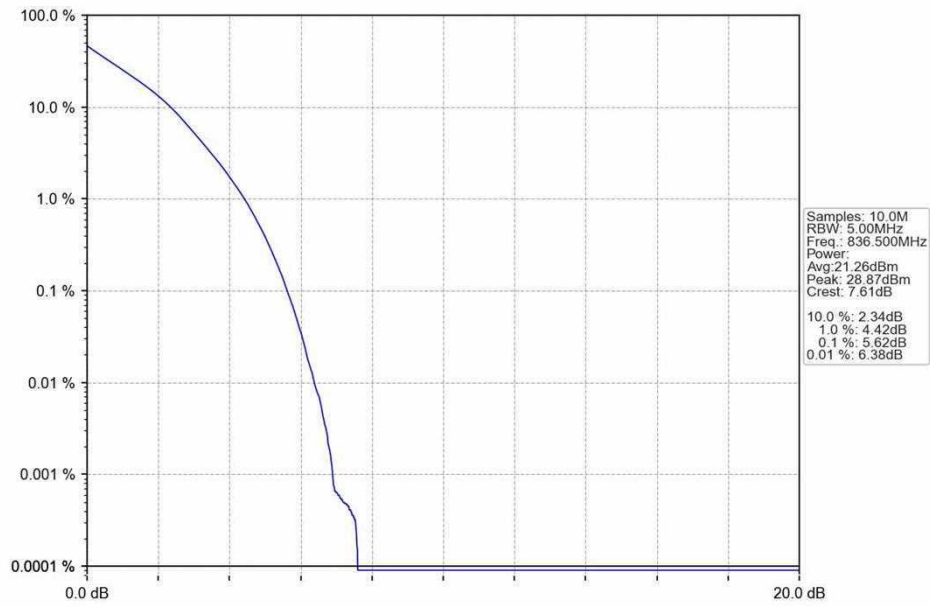
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



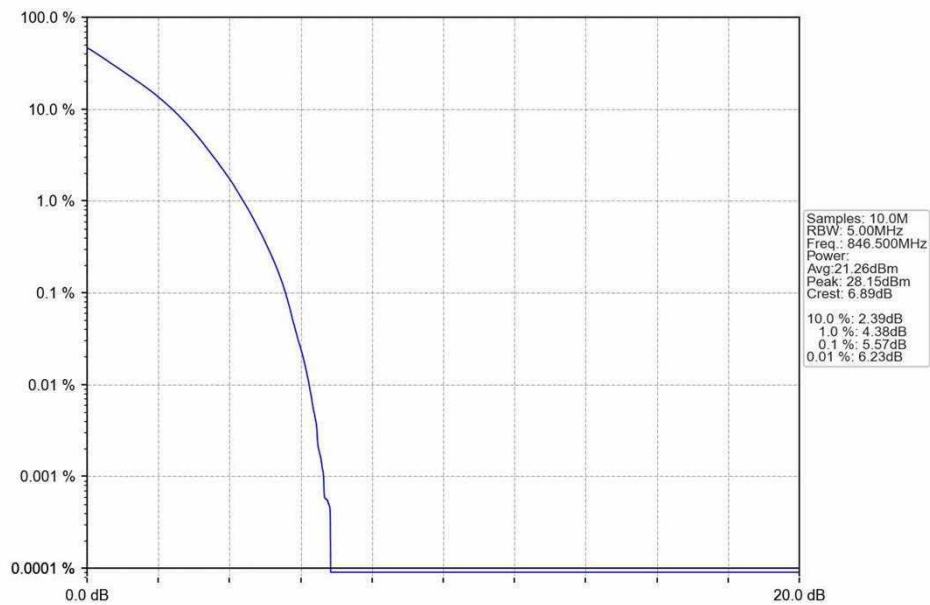
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



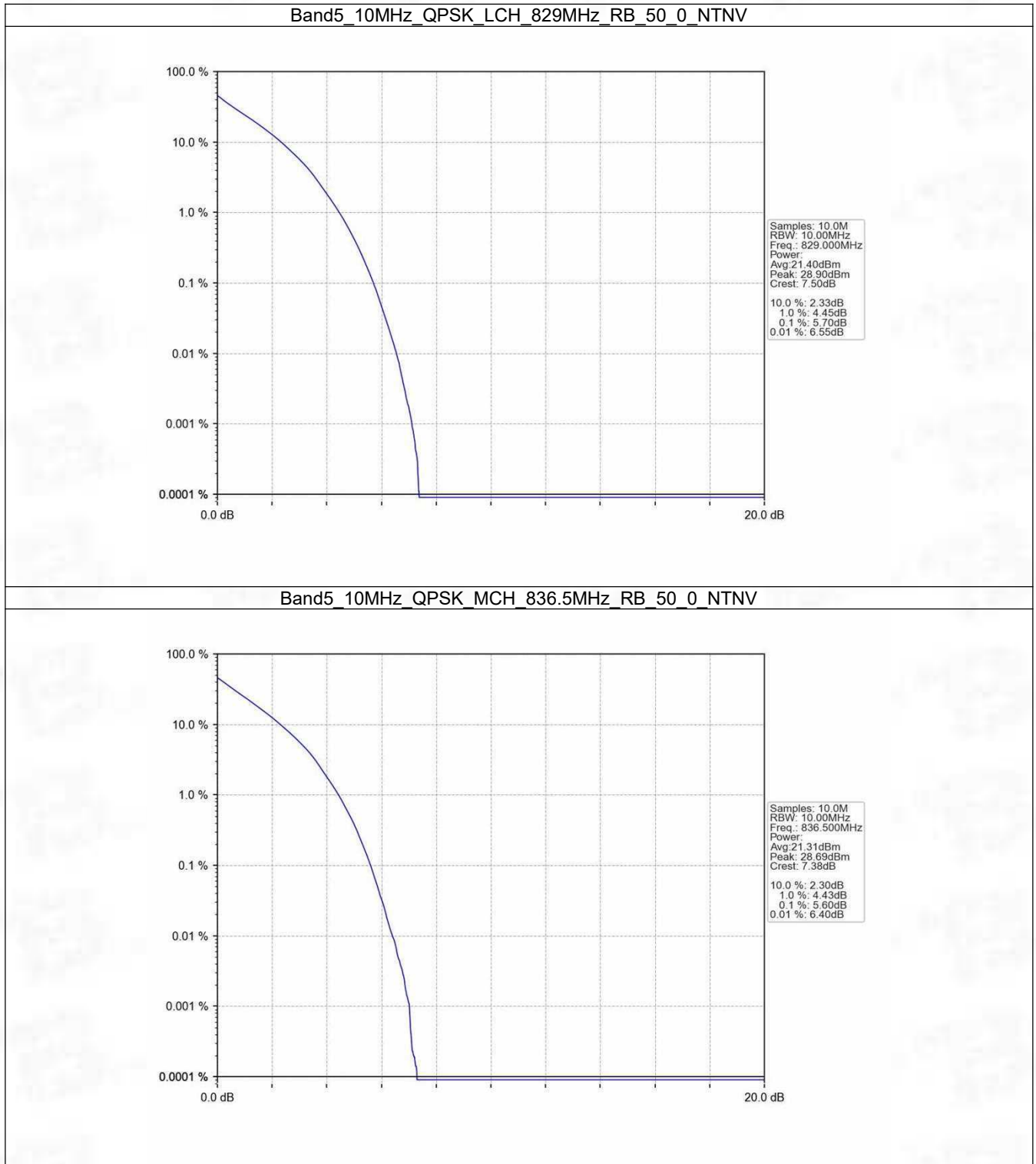
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



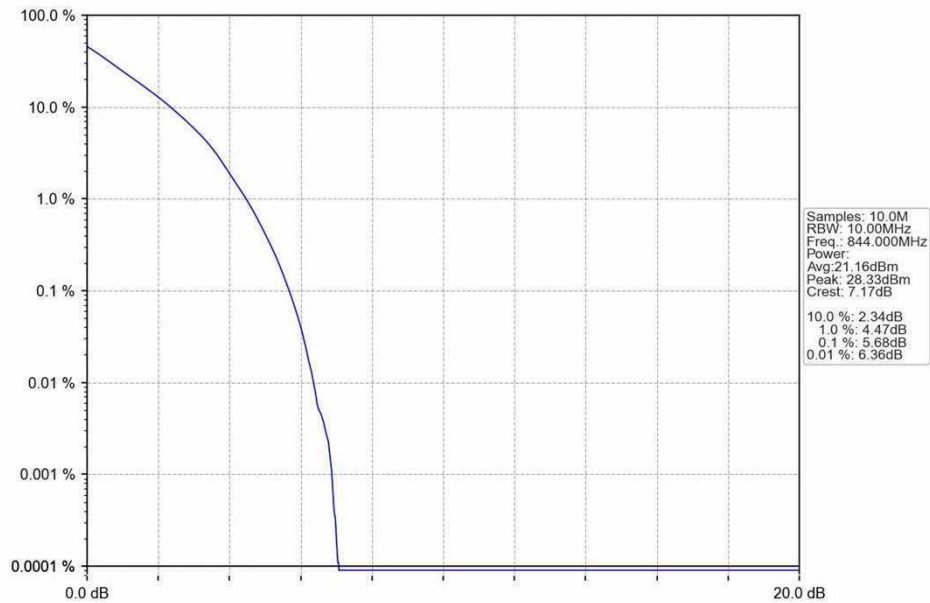
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



5.2.4 B5_10MHz



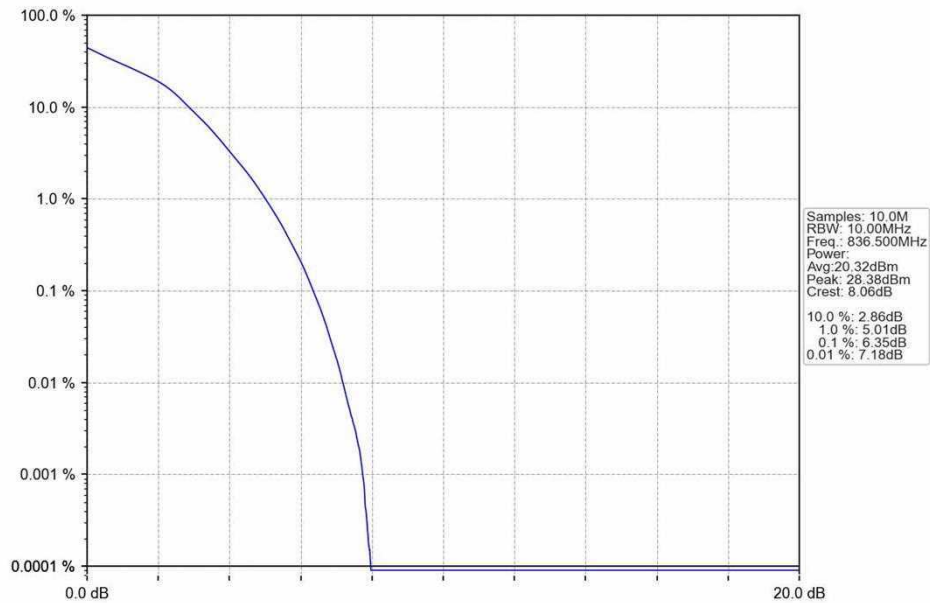
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



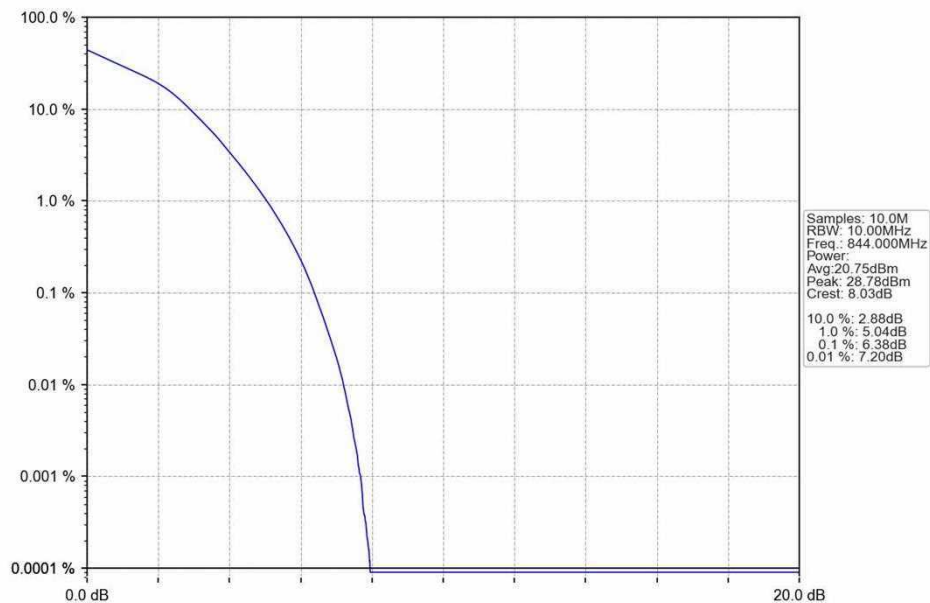
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	
		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

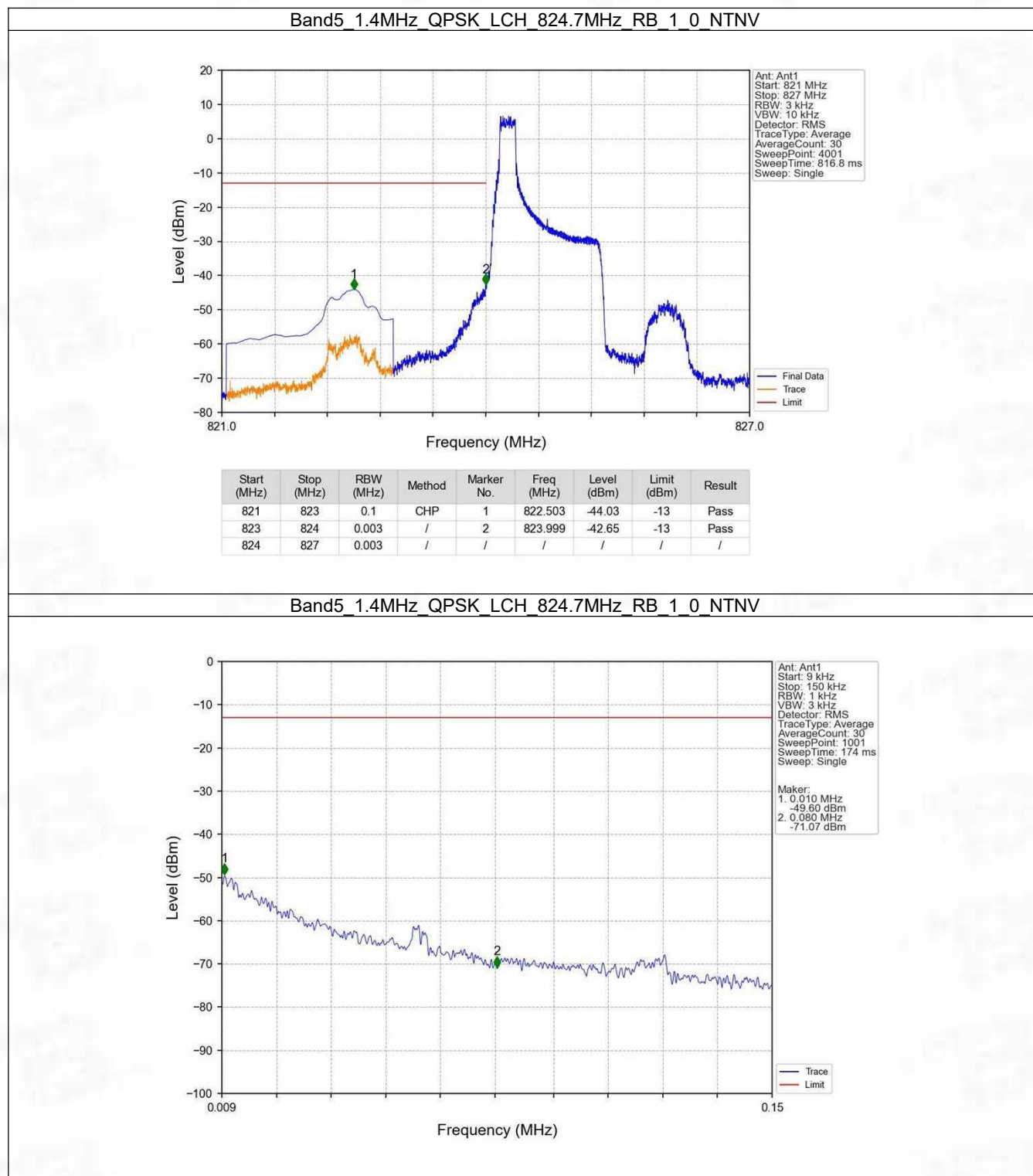
	836.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

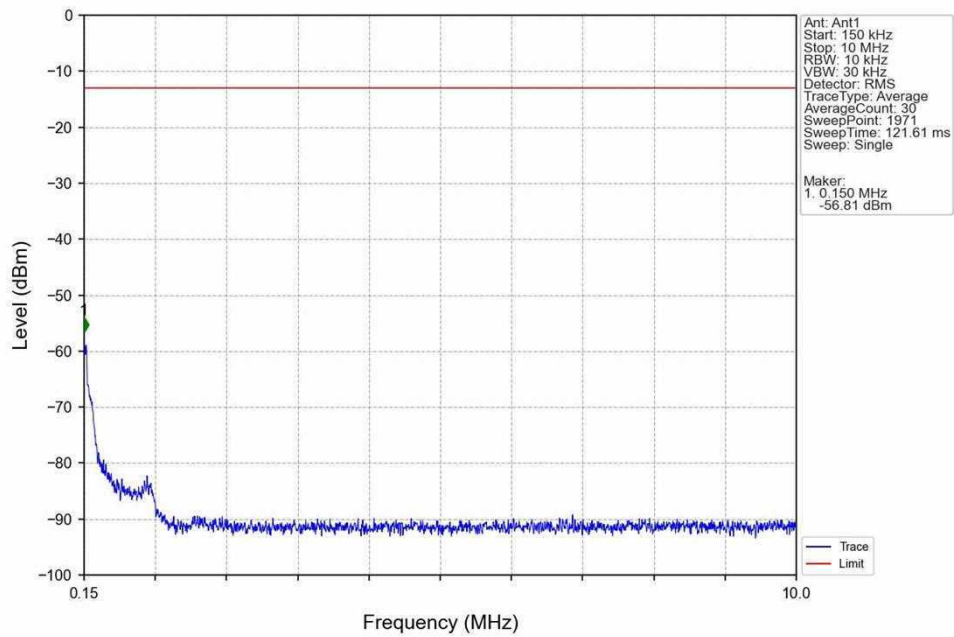
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

6.2 Test Graph

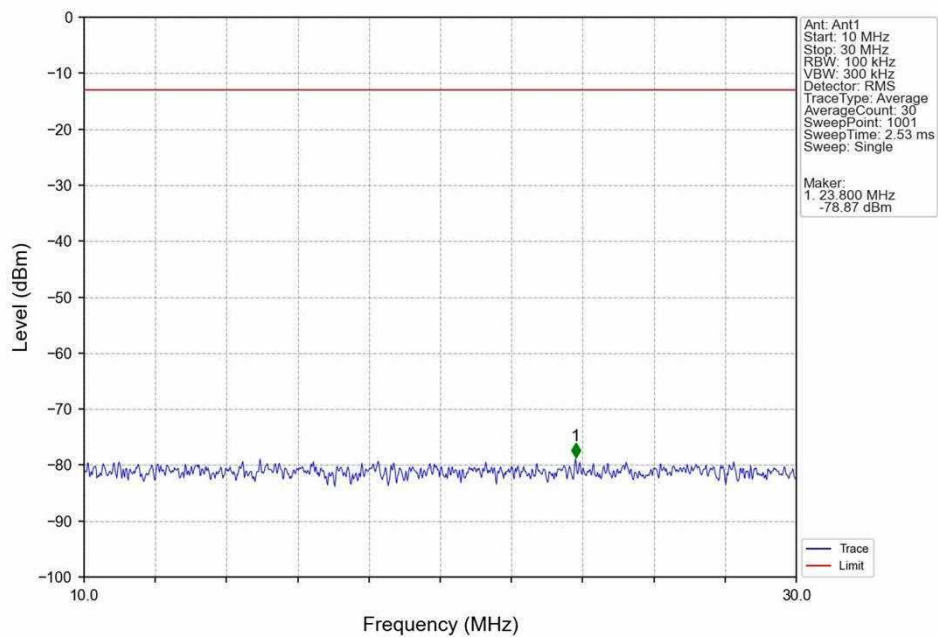
6.2.1 B5_1.4MHz



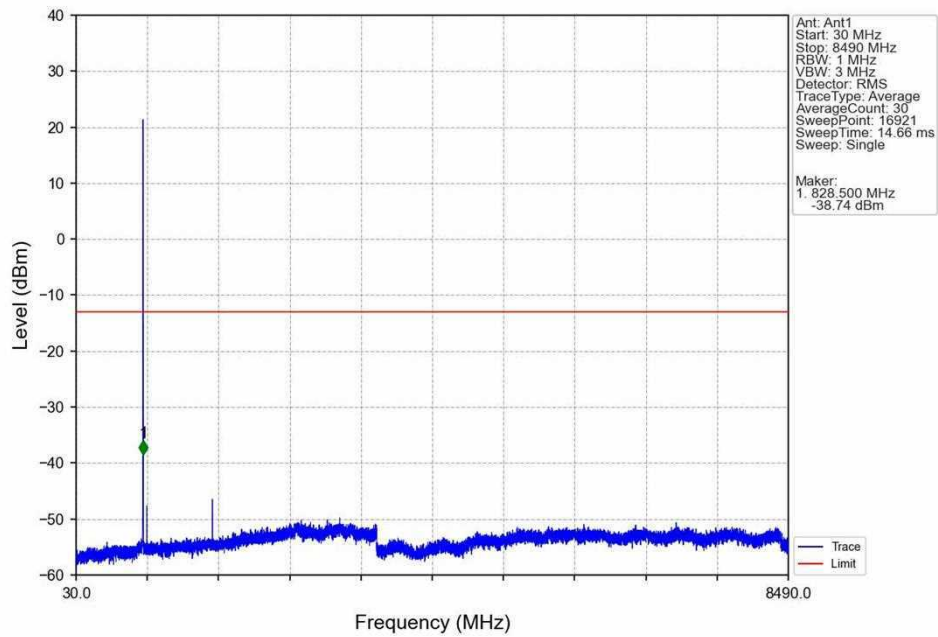
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



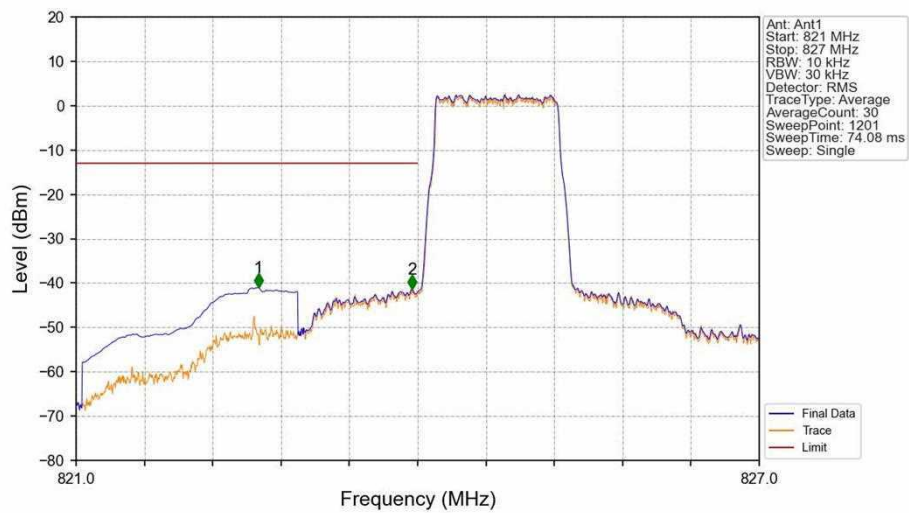
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

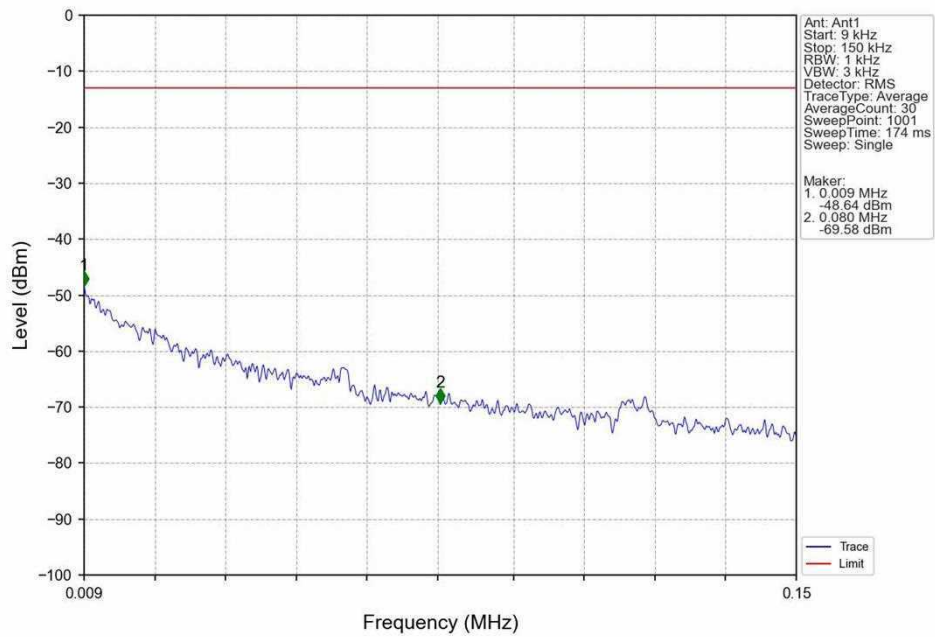


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.600	-41.03	-13	Pass
823	824	0.013	CHP	2	823.950	-41.39	-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

