

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	21.84	-1.34	18.35	<=34.77	Pass
			2	21.86	-1.34	18.37	<=34.77	Pass
			5	21.90	-1.34	18.41	<=34.77	Pass
		3	0	21.87	-1.34	18.38	<=34.77	Pass
			2	21.92	-1.34	18.43	<=34.77	Pass
			3	21.86	-1.34	18.37	<=34.77	Pass
		6	0	20.96	-1.34	17.47	<=34.77	Pass
	836.5	1	0	21.90	-1.34	18.41	<=34.77	Pass
			2	21.99	-1.34	18.50	<=34.77	Pass
			5	22.02	-1.34	18.53	<=34.77	Pass
		3	0	21.95	-1.34	18.46	<=34.77	Pass
			2	21.95	-1.34	18.46	<=34.77	Pass
			3	21.99	-1.34	18.50	<=34.77	Pass
		6	0	21.34	-1.34	17.85	<=34.77	Pass
	848.3	1	0	21.92	-1.34	18.43	<=34.77	Pass
			2	22.03	-1.34	18.54	<=34.77	Pass
			5	22.08	-1.34	18.59	<=34.77	Pass
		3	0	22.05	-1.34	18.56	<=34.77	Pass
			2	22.10	-1.34	18.61	<=34.77	Pass
			3	22.05	-1.34	18.56	<=34.77	Pass
		6	0	21.00	-1.34	17.51	<=34.77	Pass
16QAM	824.7	1	0	20.90	-1.34	17.41	<=34.77	Pass
			2	20.97	-1.34	17.48	<=34.77	Pass
			5	20.94	-1.34	17.45	<=34.77	Pass
		3	0	20.74	-1.34	17.25	<=34.77	Pass
			2	20.72	-1.34	17.23	<=34.77	Pass
			3	20.72	-1.34	17.23	<=34.77	Pass
		6	0	19.89	-1.34	16.40	<=34.77	Pass
	836.5	1	0	21.48	-1.34	17.99	<=34.77	Pass
			2	21.91	-1.34	18.42	<=34.77	Pass
			5	21.91	-1.34	18.42	<=34.77	Pass
		3	0	21.37	-1.34	17.88	<=34.77	Pass
			2	21.31	-1.34	17.82	<=34.77	Pass
			3	21.34	-1.34	17.85	<=34.77	Pass
		6	0	20.64	-1.34	17.15	<=34.77	Pass
	848.3	1	0	21.58	-1.34	18.09	<=34.77	Pass
			2	21.59	-1.34	18.10	<=34.77	Pass
			5	21.63	-1.34	18.14	<=34.77	Pass
		3	0	20.90	-1.34	17.41	<=34.77	Pass
			2	20.85	-1.34	17.36	<=34.77	Pass
			3	20.95	-1.34	17.46	<=34.77	Pass
		6	0	20.03	-1.34	16.54	<=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	21.92	-1.34	18.43	<=34.77	Pass
			7	21.89	-1.34	18.40	<=34.77	Pass
			14	21.96	-1.34	18.47	<=34.77	Pass
		8	0	20.95	-1.34	17.46	<=34.77	Pass
			4	20.94	-1.34	17.45	<=34.77	Pass
			7	20.91	-1.34	17.42	<=34.77	Pass
		15	0	20.98	-1.34	17.49	<=34.77	Pass
	836.5	1	0	21.98	-1.34	18.49	<=34.77	Pass
			7	22.02	-1.34	18.53	<=34.77	Pass
			14	22.02	-1.34	18.53	<=34.77	Pass
		8	0	20.89	-1.34	17.40	<=34.77	Pass
			4	21.27	-1.34	17.78	<=34.77	Pass
			7	21.28	-1.34	17.79	<=34.77	Pass
		15	0	21.41	-1.34	17.92	<=34.77	Pass
	847.5	1	0	21.92	-1.34	18.43	<=34.77	Pass
			7	21.87	-1.34	18.38	<=34.77	Pass
			14	21.95	-1.34	18.46	<=34.77	Pass
		8	0	20.98	-1.34	17.49	<=34.77	Pass
			4	20.97	-1.34	17.48	<=34.77	Pass
			7	21.04	-1.34	17.55	<=34.77	Pass
		15	0	21.11	-1.34	17.62	<=34.77	Pass
16QAM	825.5	1	0	20.95	-1.34	17.46	<=34.77	Pass
			7	20.89	-1.34	17.40	<=34.77	Pass
			14	20.89	-1.34	17.40	<=34.77	Pass
		8	0	19.90	-1.34	16.41	<=34.77	Pass
			4	19.98	-1.34	16.49	<=34.77	Pass
			7	20.51	-1.34	17.02	<=34.77	Pass
		15	0	19.82	-1.34	16.33	<=34.77	Pass
	836.5	1	0	21.53	-1.34	18.04	<=34.77	Pass
			7	21.94	-1.34	18.45	<=34.77	Pass
			14	21.94	-1.34	18.45	<=34.77	Pass
		8	0	20.40	-1.34	16.91	<=34.77	Pass
			4	20.58	-1.34	17.09	<=34.77	Pass
			7	20.52	-1.34	17.03	<=34.77	Pass
		15	0	20.54	-1.34	17.05	<=34.77	Pass
	847.5	1	0	21.78	-1.34	18.29	<=34.77	Pass
			7	21.80	-1.34	18.31	<=34.77	Pass
			14	21.78	-1.34	18.29	<=34.77	Pass
		8	0	20.71	-1.34	17.22	<=34.77	Pass
			4	20.70	-1.34	17.21	<=34.77	Pass
			7	20.31	-1.34	16.82	<=34.77	Pass
		15	0	20.46	-1.34	16.97	<=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	21.76	-1.34	18.27	<=34.77	Pass
			13	21.77	-1.34	18.28	<=34.77	Pass
			24	21.72	-1.34	18.23	<=34.77	Pass
		12	0	20.92	-1.34	17.43	<=34.77	Pass
			6	20.90	-1.34	17.41	<=34.77	Pass
			13	20.80	-1.34	17.31	<=34.77	Pass

16QAM	836.5	25	0	20.81	-1.34	17.32	<=34.77	Pass
			0	21.93	-1.34	18.44	<=34.77	Pass
			13	21.95	-1.34	18.46	<=34.77	Pass
		12	24	21.91	-1.34	18.42	<=34.77	Pass
			0	20.92	-1.34	17.43	<=34.77	Pass
			6	21.36	-1.34	17.87	<=34.77	Pass
			13	21.29	-1.34	17.80	<=34.77	Pass
		25	0	21.37	-1.34	17.88	<=34.77	Pass
			0	21.91	-1.34	18.42	<=34.77	Pass
	846.5	1	13	21.93	-1.34	18.44	<=34.77	Pass
			24	22.03	-1.34	18.54	<=34.77	Pass
			0	21.00	-1.34	17.51	<=34.77	Pass
		12	6	21.07	-1.34	17.58	<=34.77	Pass
			13	21.03	-1.34	17.54	<=34.77	Pass
			25	21.07	-1.34	17.58	<=34.77	Pass
	826.5	1	0	21.41	-1.34	17.92	<=34.77	Pass
			13	21.40	-1.34	17.91	<=34.77	Pass
			24	21.42	-1.34	17.93	<=34.77	Pass
		12	0	19.80	-1.34	16.31	<=34.77	Pass
			6	20.34	-1.34	16.85	<=34.77	Pass
			13	20.33	-1.34	16.84	<=34.77	Pass
		25	0	20.39	-1.34	16.90	<=34.77	Pass
			0	21.46	-1.34	17.97	<=34.77	Pass
			13	21.95	-1.34	18.46	<=34.77	Pass
		1	24	21.49	-1.34	18.00	<=34.77	Pass
			0	20.36	-1.34	16.87	<=34.77	Pass
			6	20.48	-1.34	16.99	<=34.77	Pass
		12	13	20.47	-1.34	16.98	<=34.77	Pass
			0	20.46	-1.34	16.97	<=34.77	Pass
			0	20.55	-1.34	17.06	<=34.77	Pass
		1	13	20.50	-1.34	17.01	<=34.77	Pass
			24	20.62	-1.34	17.13	<=34.77	Pass
			0	20.42	-1.34	16.93	<=34.77	Pass
		12	6	20.41	-1.34	16.92	<=34.77	Pass
			13	20.45	-1.34	16.96	<=34.77	Pass
		25	0	20.52	-1.34	17.03	<=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	21.70	-1.34	18.21	<=34.77	Pass
			25	21.78	-1.34	18.29	<=34.77	Pass
			49	21.87	-1.34	18.38	<=34.77	Pass
		25	0	20.81	-1.34	17.32	<=34.77	Pass
			13	20.84	-1.34	17.35	<=34.77	Pass
			25	21.03	-1.34	17.54	<=34.77	Pass
		50	0	20.92	-1.34	17.43	<=34.77	Pass
			0	21.99	-1.34	18.50	<=34.77	Pass
			25	21.88	-1.34	18.39	<=34.77	Pass
	836.5	1	49	21.91	-1.34	18.42	<=34.77	Pass
			0	20.92	-1.34	17.43	<=34.77	Pass
			13	21.44	-1.34	17.95	<=34.77	Pass
		25	25	20.97	-1.34	17.48	<=34.77	Pass
			0	21.35	-1.34	17.86	<=34.77	Pass
			0	21.84	-1.34	18.35	<=34.77	Pass
		50	0	21.35	-1.34	17.86	<=34.77	Pass
			0	21.84	-1.34	18.35	<=34.77	Pass
			0	21.84	-1.34	18.35	<=34.77	Pass

16QAM		25	25	21.82	-1.34	18.33	<=34.77	Pass
			49	21.95	-1.34	18.46	<=34.77	Pass
			0	21.03	-1.34	17.54	<=34.77	Pass
			13	21.02	-1.34	17.53	<=34.77	Pass
			25	21.03	-1.34	17.54	<=34.77	Pass
	50	0	21.05	-1.34	17.56	<=34.77	Pass	
			21.15	-1.34	17.66	<=34.77	Pass	
			21.16	-1.34	17.67	<=34.77	Pass	
			21.17	-1.34	17.68	<=34.77	Pass	
			20.52	-1.34	17.03	<=34.77	Pass	
	829	1	20.53	-1.34	17.04	<=34.77	Pass	
			20.57	-1.34	17.08	<=34.77	Pass	
			20.34	-1.34	16.85	<=34.77	Pass	
			22.18	-1.34	18.69	<=34.77	Pass	
			22.56	-1.34	19.07	<=34.77	Pass	
	836.5	1	22.13	-1.34	18.64	<=34.77	Pass	
			20.45	-1.34	16.96	<=34.77	Pass	
			20.54	-1.34	17.05	<=34.77	Pass	
			20.10	-1.34	16.61	<=34.77	Pass	
			20.46	-1.34	16.97	<=34.77	Pass	
	844	1	21.59	-1.34	18.10	<=34.77	Pass	
			21.61	-1.34	18.12	<=34.77	Pass	
			21.78	-1.34	18.29	<=34.77	Pass	
			20.39	-1.34	16.90	<=34.77	Pass	
			19.96	-1.34	16.47	<=34.77	Pass	
		25	20.52	-1.34	17.03	<=34.77	Pass	
			19.99	-1.34	16.50	<=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	13.676	0.0166	-2.5 to 2.5	Pass
					3.85	3.490	0.0042	-2.5 to 2.5	Pass
					4.43	-15.907	-0.0193	-2.5 to 2.5	Pass
				-30	3.85	-37.308	-0.0452	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-16.751	-0.0203	-2.5 to 2.5	Pass
				0	3.85	-33.932	-0.0411	-2.5 to 2.5	Pass
				10	3.85	-31.214	-0.0378	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	8.125	0.0097	-2.5 to 2.5	Pass
					3.85	13.390	0.0160	-2.5 to 2.5	Pass
					4.43	15.450	0.0185	-2.5 to 2.5	Pass
				-30	3.85	15.378	0.0184	-2.5 to 2.5	Pass
				-20	3.85	15.821	0.0189	-2.5 to 2.5	Pass
				-10	3.85	18.024	0.0215	-2.5 to 2.5	Pass
				0	3.85	21.429	0.0256	-2.5 to 2.5	Pass
				10	3.85	19.383	0.0232	-2.5 to 2.5	Pass

16QAM	848.3	6	0	30	3.85	24.333	0.0291	-2.5 to 2.5	Pass
				40	3.85	17.323	0.0207	-2.5 to 2.5	Pass
				50	3.85	19.441	0.0232	-2.5 to 2.5	Pass
				20	3.27	0.958	0.0011	-2.5 to 2.5	Pass
					3.85	-14.992	-0.0177	-2.5 to 2.5	Pass
					4.43	-32.444	-0.0382	-2.5 to 2.5	Pass
				-30	3.85	-48.180	-0.0568	-2.5 to 2.5	Pass
				-20	3.85	-5.994	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-16.122	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-21.873	-0.0258	-2.5 to 2.5	Pass
	824.7	6	0	10	3.85	-31.271	-0.0369	-2.5 to 2.5	Pass
				30	3.85	-38.252	-0.0451	-2.5 to 2.5	Pass
				40	3.85	-44.003	-0.0519	-2.5 to 2.5	Pass
				50	3.85	-46.120	-0.0544	-2.5 to 2.5	Pass
				20	3.27	-1.316	-0.0016	-2.5 to 2.5	Pass
					3.85	11.358	0.0138	-2.5 to 2.5	Pass
					4.43	13.862	0.0168	-2.5 to 2.5	Pass
				-30	3.85	21.486	0.0261	-2.5 to 2.5	Pass
				-20	3.85	22.216	0.0269	-2.5 to 2.5	Pass
				-10	3.85	25.249	0.0306	-2.5 to 2.5	Pass
16QAM	836.5	6	0	0	3.85	26.808	0.0325	-2.5 to 2.5	Pass
				10	3.85	37.522	0.0455	-2.5 to 2.5	Pass
				30	3.85	45.905	0.0557	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				20	3.27	20.499	0.0245	-2.5 to 2.5	Pass
					3.85	28.539	0.0341	-2.5 to 2.5	Pass
					4.43	38.681	0.0462	-2.5 to 2.5	Pass
				-30	3.85	39.825	0.0476	-2.5 to 2.5	Pass
				-20	3.85	42.143	0.0504	-2.5 to 2.5	Pass
	848.3	6	0	-10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	3.85	7.195	0.0086	-2.5 to 2.5	Pass
				10	3.85	5.264	0.0063	-2.5 to 2.5	Pass
				30	3.85	7.238	0.0087	-2.5 to 2.5	Pass
				40	3.85	4.506	0.0054	-2.5 to 2.5	Pass
				50	3.85	7.124	0.0085	-2.5 to 2.5	Pass
				20	3.27	-44.317	-0.0522	-2.5 to 2.5	Pass
					3.85	-37.479	-0.0442	-2.5 to 2.5	Pass
					4.43	-31.242	-0.0368	-2.5 to 2.5	Pass
				-30	3.85	-23.518	-0.0277	-2.5 to 2.5	Pass
				-20	3.85	-19.298	-0.0227	-2.5 to 2.5	Pass
				-10	3.85	-14.720	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-8.740	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0054	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				40	3.85	-5.593	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0019	-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	-18.067	-0.0219	-2.5 to 2.5	Pass
					3.85	-35.648	-0.0432	-2.5 to 2.5	Pass
					4.43	-38.023	-0.0461	-2.5 to 2.5	Pass
				-30	3.85	-20.785	-0.0252	-2.5 to 2.5	Pass
				-20	3.85	-32.387	-0.0392	-2.5 to 2.5	Pass

16QAM	836.5	15	0	-10	3.85	-27.308	-0.0331	-2.5 to 2.5	Pass
				0	3.85	-13.504	-0.0164	-2.5 to 2.5	Pass
				10	3.85	-44.990	-0.0545	-2.5 to 2.5	Pass
				30	3.85	-19.240	-0.0233	-2.5 to 2.5	Pass
				40	3.85	-37.751	-0.0457	-2.5 to 2.5	Pass
				50	3.85	-7.324	-0.0089	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	13.518	0.0162	-2.5 to 2.5	Pass
					3.85	4.635	0.0055	-2.5 to 2.5	Pass
					4.43	-10.142	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-24.633	-0.0294	-2.5 to 2.5	Pass
				-20	3.85	-37.894	-0.0453	-2.5 to 2.5	Pass
				-10	3.85	-43.130	-0.0516	-2.5 to 2.5	Pass
				0	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-6.766	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-9.928	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-20.900	-0.0250	-2.5 to 2.5	Pass
				50	3.85	-29.125	-0.0348	-2.5 to 2.5	Pass
				20	3.27	7.367	0.0087	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
					4.43	-16.708	-0.0197	-2.5 to 2.5	Pass
	825.5	15	0	-30	3.85	-25.578	-0.0302	-2.5 to 2.5	Pass
				-20	3.85	-35.791	-0.0422	-2.5 to 2.5	Pass
				-10	3.85	1.302	0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-10.257	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-16.937	-0.0200	-2.5 to 2.5	Pass
				40	3.85	-19.727	-0.0233	-2.5 to 2.5	Pass
				50	3.85	-22.616	-0.0267	-2.5 to 2.5	Pass
				20	3.27	-16.036	-0.0194	-2.5 to 2.5	Pass
					3.85	-13.618	-0.0165	-2.5 to 2.5	Pass
					4.43	-15.779	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-19.469	-0.0236	-2.5 to 2.5	Pass
	836.5	15	0	-20	3.85	-19.555	-0.0237	-2.5 to 2.5	Pass
				-10	3.85	-16.336	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-17.037	-0.0206	-2.5 to 2.5	Pass
				10	3.85	-22.545	-0.0273	-2.5 to 2.5	Pass
				30	3.85	-32.172	-0.0390	-2.5 to 2.5	Pass
				40	3.85	-42.057	-0.0509	-2.5 to 2.5	Pass
				50	3.85	-38.724	-0.0469	-2.5 to 2.5	Pass
				20	3.27	-35.849	-0.0429	-2.5 to 2.5	Pass
					3.85	-32.144	-0.0384	-2.5 to 2.5	Pass
					4.43	-24.304	-0.0291	-2.5 to 2.5	Pass
				-30	3.85	-26.422	-0.0316	-2.5 to 2.5	Pass
	847.5	15	0	-20	3.85	-24.519	-0.0293	-2.5 to 2.5	Pass
				-10	3.85	-21.558	-0.0258	-2.5 to 2.5	Pass
				0	3.85	-20.013	-0.0239	-2.5 to 2.5	Pass
				10	3.85	-22.101	-0.0264	-2.5 to 2.5	Pass
				30	3.85	-21.243	-0.0254	-2.5 to 2.5	Pass
				40	3.85	-21.930	-0.0262	-2.5 to 2.5	Pass
				50	3.85	-19.083	-0.0228	-2.5 to 2.5	Pass
				20	3.27	-23.546	-0.0278	-2.5 to 2.5	Pass
					3.85	-17.395	-0.0205	-2.5 to 2.5	Pass
					4.43	-15.249	-0.0180	-2.5 to 2.5	Pass
				-30	3.85	-16.093	-0.0190	-2.5 to 2.5	Pass
				-20	3.85	-15.979	-0.0189	-2.5 to 2.5	Pass
				-10	3.85	-13.003	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-15.378	-0.0181	-2.5 to 2.5	Pass
				10	3.85	-16.665	-0.0197	-2.5 to 2.5	Pass
				30	3.85	-19.112	-0.0226	-2.5 to 2.5	Pass
				40	3.85	-18.811	-0.0222	-2.5 to 2.5	Pass

				50	3.85	-16.723	-0.0197	-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	3.347	0.0040	-2.5 to 2.5	Pass
					3.85	0.443	0.0005	-2.5 to 2.5	Pass
					4.43	-13.447	-0.0163	-2.5 to 2.5	Pass
				-30	3.85	-34.990	-0.0423	-2.5 to 2.5	Pass
				-20	3.85	-15.178	-0.0184	-2.5 to 2.5	Pass
				-10	3.85	-34.447	-0.0417	-2.5 to 2.5	Pass
				0	3.85	-44.503	-0.0538	-2.5 to 2.5	Pass
				10	3.85	-14.262	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-26.236	-0.0317	-2.5 to 2.5	Pass
				40	3.85	-37.265	-0.0451	-2.5 to 2.5	Pass
				50	3.85	-40.855	-0.0494	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	16.809	0.0201	-2.5 to 2.5	Pass
					3.85	13.690	0.0164	-2.5 to 2.5	Pass
					4.43	3.963	0.0047	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-4.249	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-16.994	-0.0203	-2.5 to 2.5	Pass
				40	3.85	-25.349	-0.0303	-2.5 to 2.5	Pass
				50	3.85	-29.497	-0.0353	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	3.262	0.0039	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0068	-2.5 to 2.5	Pass
					4.43	-18.725	-0.0221	-2.5 to 2.5	Pass
				-30	3.85	-28.110	-0.0332	-2.5 to 2.5	Pass
				-20	3.85	-31.657	-0.0374	-2.5 to 2.5	Pass
				-10	3.85	-39.167	-0.0463	-2.5 to 2.5	Pass
				0	3.85	-45.905	-0.0542	-2.5 to 2.5	Pass
				10	3.85	4.549	0.0054	-2.5 to 2.5	Pass
				30	3.85	4.592	0.0054	-2.5 to 2.5	Pass
				40	3.85	1.845	0.0022	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-42.171	-0.0510	-2.5 to 2.5	Pass
					3.85	-35.520	-0.0430	-2.5 to 2.5	Pass
					4.43	-36.864	-0.0446	-2.5 to 2.5	Pass
				-30	3.85	-37.279	-0.0451	-2.5 to 2.5	Pass
				-20	3.85	-40.183	-0.0486	-2.5 to 2.5	Pass
				-10	3.85	-42.229	-0.0511	-2.5 to 2.5	Pass
				0	3.85	-43.659	-0.0528	-2.5 to 2.5	Pass
				10	3.85	-39.067	-0.0473	-2.5 to 2.5	Pass
				30	3.85	-35.176	-0.0426	-2.5 to 2.5	Pass
				40	3.85	-33.503	-0.0405	-2.5 to 2.5	Pass
				50	3.85	-31.371	-0.0380	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-24.076	-0.0288	-2.5 to 2.5	Pass
					3.85	-19.956	-0.0239	-2.5 to 2.5	Pass
					4.43	-18.325	-0.0219	-2.5 to 2.5	Pass
				-30	3.85	-10.228	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0009	-2.5 to 2.5	Pass

				10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	3.85	3.290	0.0039	-2.5 to 2.5	Pass
				40	3.85	4.692	0.0056	-2.5 to 2.5	Pass
				50	3.85	5.922	0.0071	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-1.516	-0.0018	-2.5 to 2.5	Pass
					3.85	1.674	0.0020	-2.5 to 2.5	Pass
					4.43	7.224	0.0085	-2.5 to 2.5	Pass
				-30	3.85	5.107	0.0060	-2.5 to 2.5	Pass
				-20	3.85	2.561	0.0030	-2.5 to 2.5	Pass
				-10	3.85	3.648	0.0043	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.676	0.0043	-2.5 to 2.5	Pass
				40	3.85	5.193	0.0061	-2.5 to 2.5	Pass
				50	3.85	7.095	0.0084	-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	-7.539	-0.0091	-2.5 to 2.5	Pass
					3.85	-25.535	-0.0308	-2.5 to 2.5	Pass
					4.43	-25.020	-0.0302	-2.5 to 2.5	Pass
				-30	3.85	-10.543	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-39.153	-0.0472	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-20.299	-0.0245	-2.5 to 2.5	Pass
				10	3.85	-31.142	-0.0376	-2.5 to 2.5	Pass
				30	3.85	-41.599	-0.0502	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-14.491	-0.0175	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	5.522	0.0066	-2.5 to 2.5	Pass
					3.85	-16.336	-0.0195	-2.5 to 2.5	Pass
					4.43	-36.392	-0.0435	-2.5 to 2.5	Pass
				-30	3.85	-49.024	-0.0586	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-15.707	-0.0188	-2.5 to 2.5	Pass
				0	3.85	-24.891	-0.0298	-2.5 to 2.5	Pass
				10	3.85	-35.477	-0.0424	-2.5 to 2.5	Pass
				30	3.85	-44.918	-0.0537	-2.5 to 2.5	Pass
				40	3.85	1.774	0.0021	-2.5 to 2.5	Pass
				50	3.85	-7.238	-0.0087	-2.5 to 2.5	Pass
	844	50	0	20	3.27	9.356	0.0111	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0065	-2.5 to 2.5	Pass
					4.43	-17.581	-0.0208	-2.5 to 2.5	Pass
				-30	3.85	-31.672	-0.0375	-2.5 to 2.5	Pass
				-20	3.85	-43.616	-0.0517	-2.5 to 2.5	Pass
				-10	3.85	4.520	0.0054	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-14.076	-0.0167	-2.5 to 2.5	Pass
				40	3.85	-14.076	-0.0167	-2.5 to 2.5	Pass
				50	3.85	-20.728	-0.0246	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-16.623	-0.0201	-2.5 to 2.5	Pass
					3.85	-14.577	-0.0176	-2.5 to 2.5	Pass
					4.43	-12.345	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	-12.589	-0.0152	-2.5 to 2.5	Pass

				-20	3.85	-11.644	-0.0140	-2.5 to 2.5	Pass
				-10	3.85	-11.344	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-17.681	-0.0213	-2.5 to 2.5	Pass
				10	3.85	-19.512	-0.0235	-2.5 to 2.5	Pass
				30	3.85	-20.671	-0.0249	-2.5 to 2.5	Pass
				40	3.85	-16.222	-0.0196	-2.5 to 2.5	Pass
				50	3.85	-17.810	-0.0215	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-10.657	-0.0127	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0089	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	5.822	0.0070	-2.5 to 2.5	Pass
				-20	3.85	5.107	0.0061	-2.5 to 2.5	Pass
				-10	3.85	9.041	0.0108	-2.5 to 2.5	Pass
				0	3.85	7.310	0.0087	-2.5 to 2.5	Pass
				10	3.85	10.014	0.0120	-2.5 to 2.5	Pass
				30	3.85	11.530	0.0138	-2.5 to 2.5	Pass
				40	3.85	12.345	0.0148	-2.5 to 2.5	Pass
				50	3.85	7.124	0.0085	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-23.847	-0.0283	-2.5 to 2.5	Pass
					3.85	-9.599	-0.0114	-2.5 to 2.5	Pass
					4.43	-4.106	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	7.281	0.0086	-2.5 to 2.5	Pass
				-20	3.85	8.225	0.0097	-2.5 to 2.5	Pass
				-10	3.85	15.063	0.0178	-2.5 to 2.5	Pass
				0	3.85	18.139	0.0215	-2.5 to 2.5	Pass
				10	3.85	16.122	0.0191	-2.5 to 2.5	Pass
				30	3.85	15.249	0.0181	-2.5 to 2.5	Pass
				40	3.85	10.085	0.0119	-2.5 to 2.5	Pass
				50	3.85	14.806	0.0175	-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

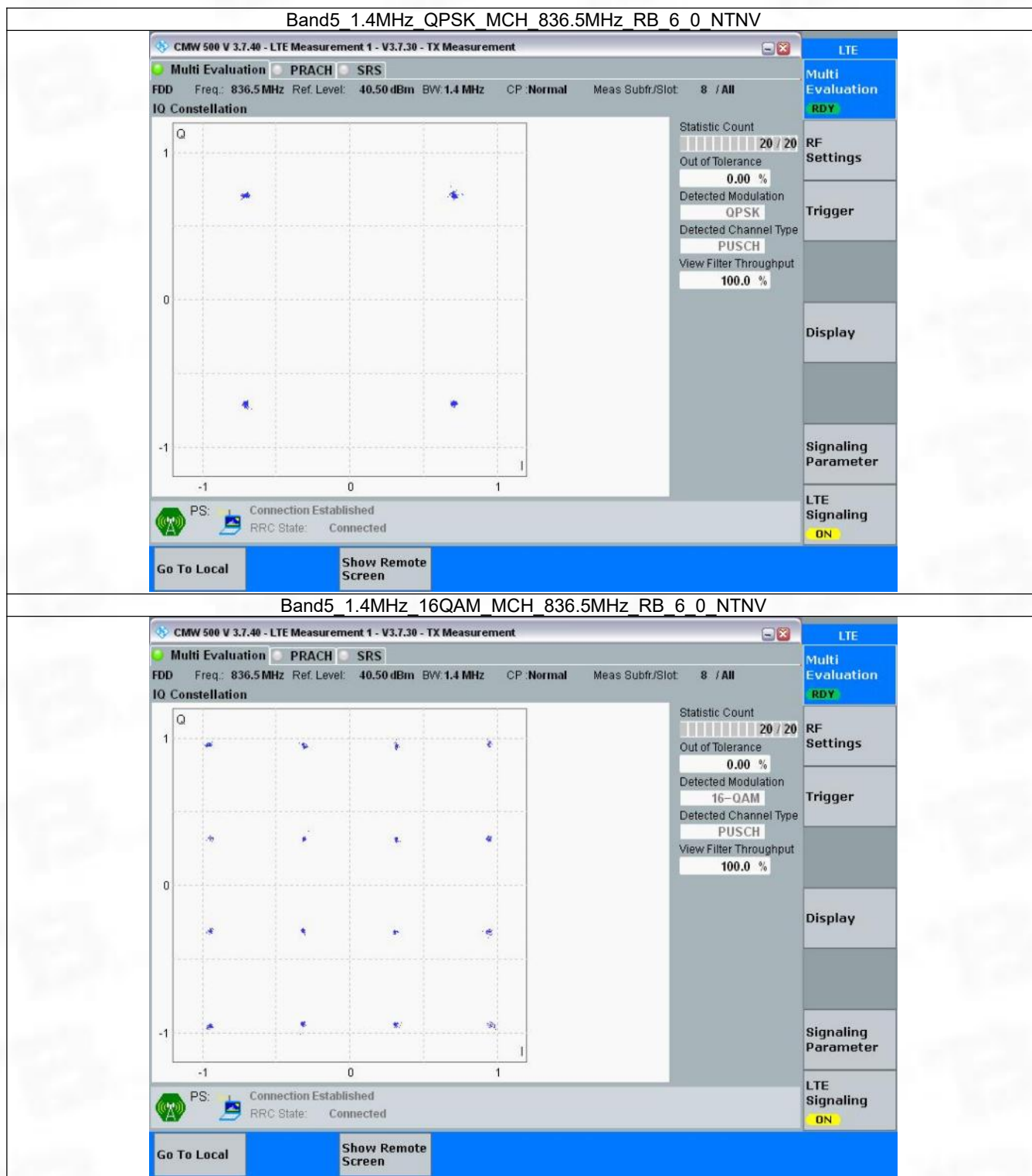
	(MHz)	Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

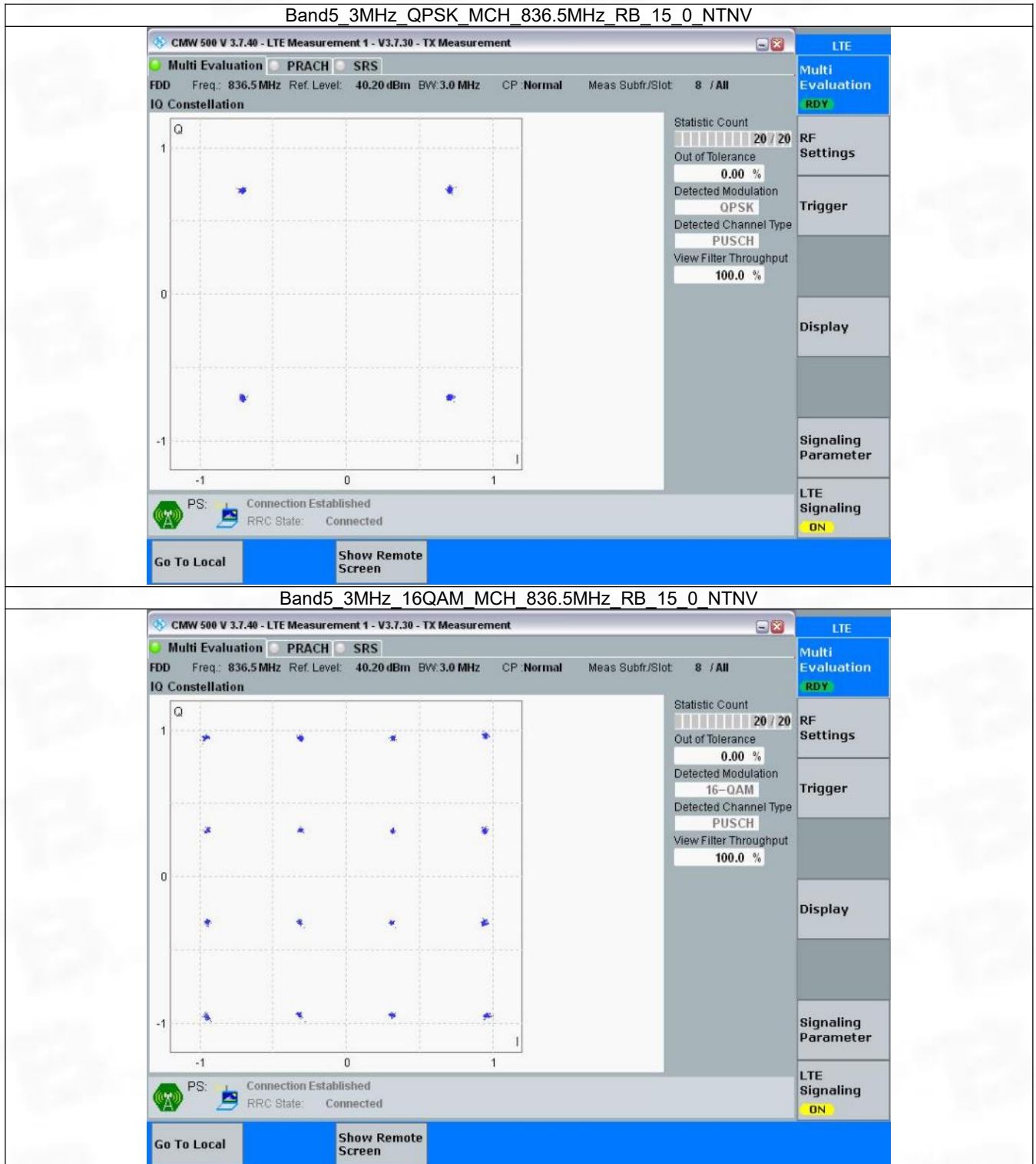
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

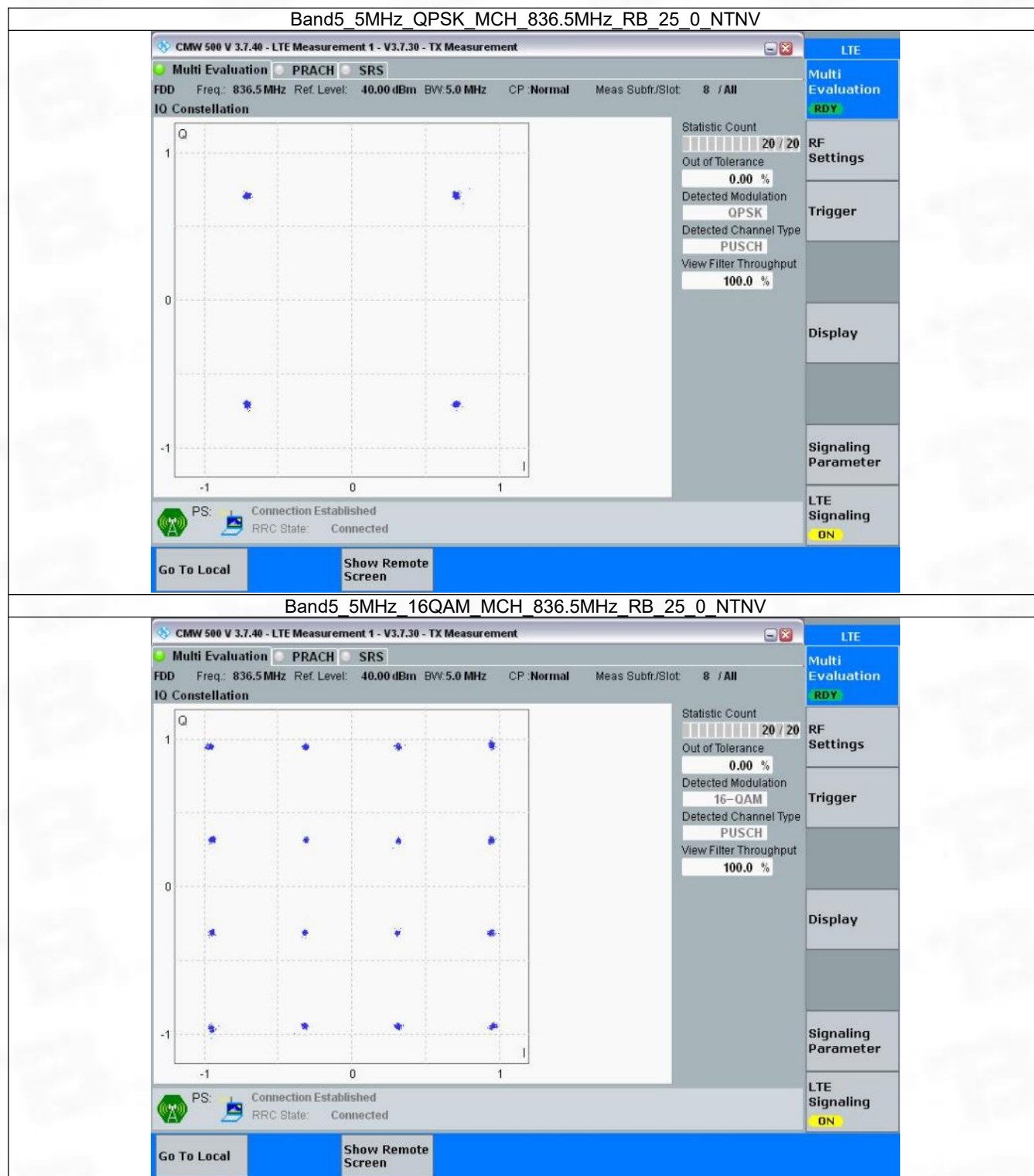
3.2.1 B5_1.4MHz



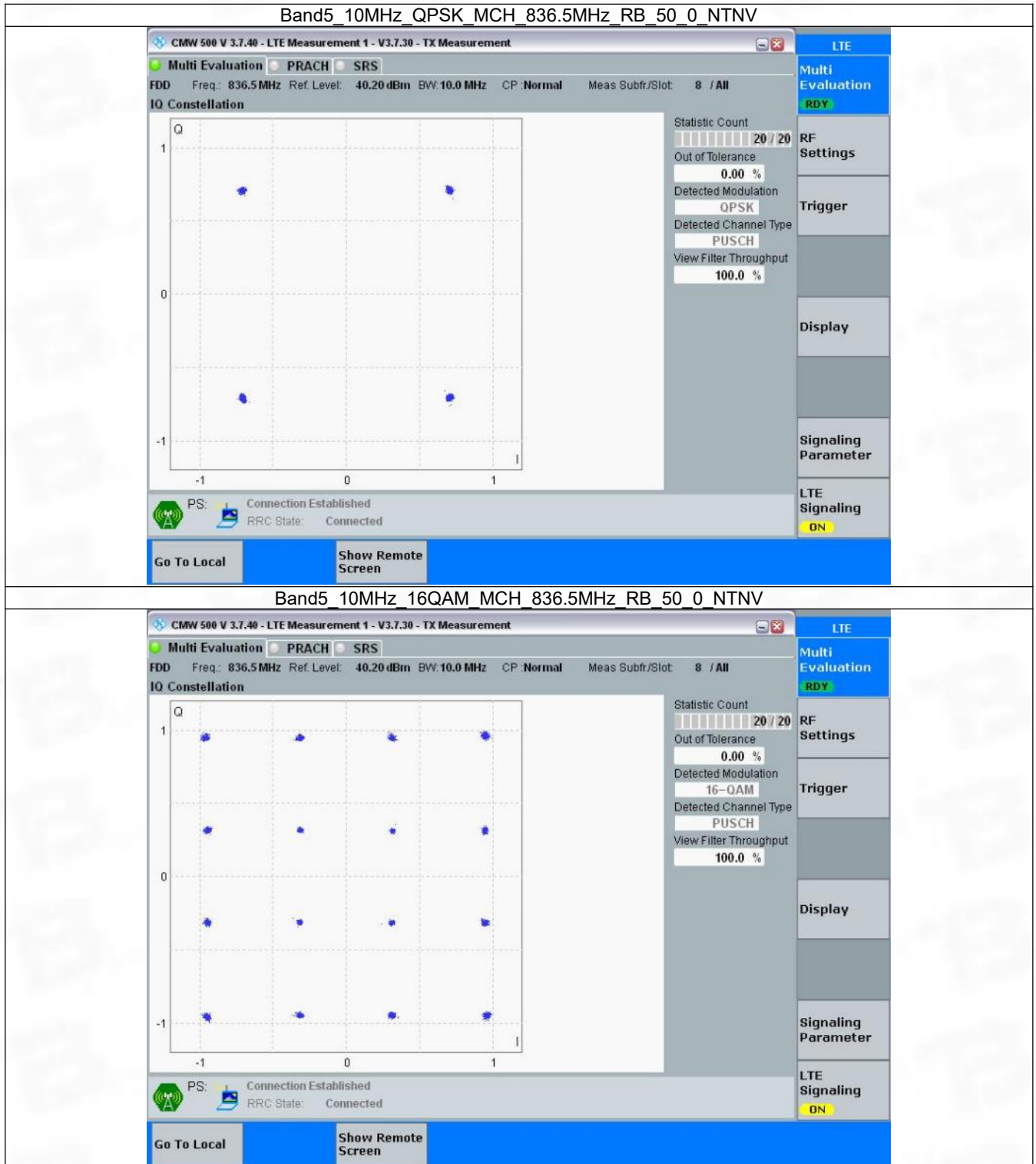
3.2.2 B5_3MHz



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	1.119	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.112	/	Pass
	16QAM	824.7	6	0	1.116	/	Pass
		836.5	6	0	1.114	/	Pass
		848.3	6	0	1.114	/	Pass
3	QPSK	825.5	15	0	2.766	/	Pass
		836.5	15	0	2.744	/	Pass
		847.5	15	0	2.743	/	Pass
	16QAM	825.5	15	0	2.749	/	Pass
		836.5	15	0	2.761	/	Pass
		847.5	15	0	2.732	/	Pass
5	QPSK	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.545	/	Pass
		846.5	25	0	4.569	/	Pass
	16QAM	826.5	25	0	4.576	/	Pass
		836.5	25	0	4.584	/	Pass
		846.5	25	0	4.544	/	Pass
10	QPSK	829	50	0	9.061	/	Pass
		836.5	50	0	9.057	/	Pass
		844	50	0	9.063	/	Pass
	16QAM	829	50	0	9.062	/	Pass
		836.5	50	0	9.069	/	Pass
		844	50	0	9.041	/	Pass

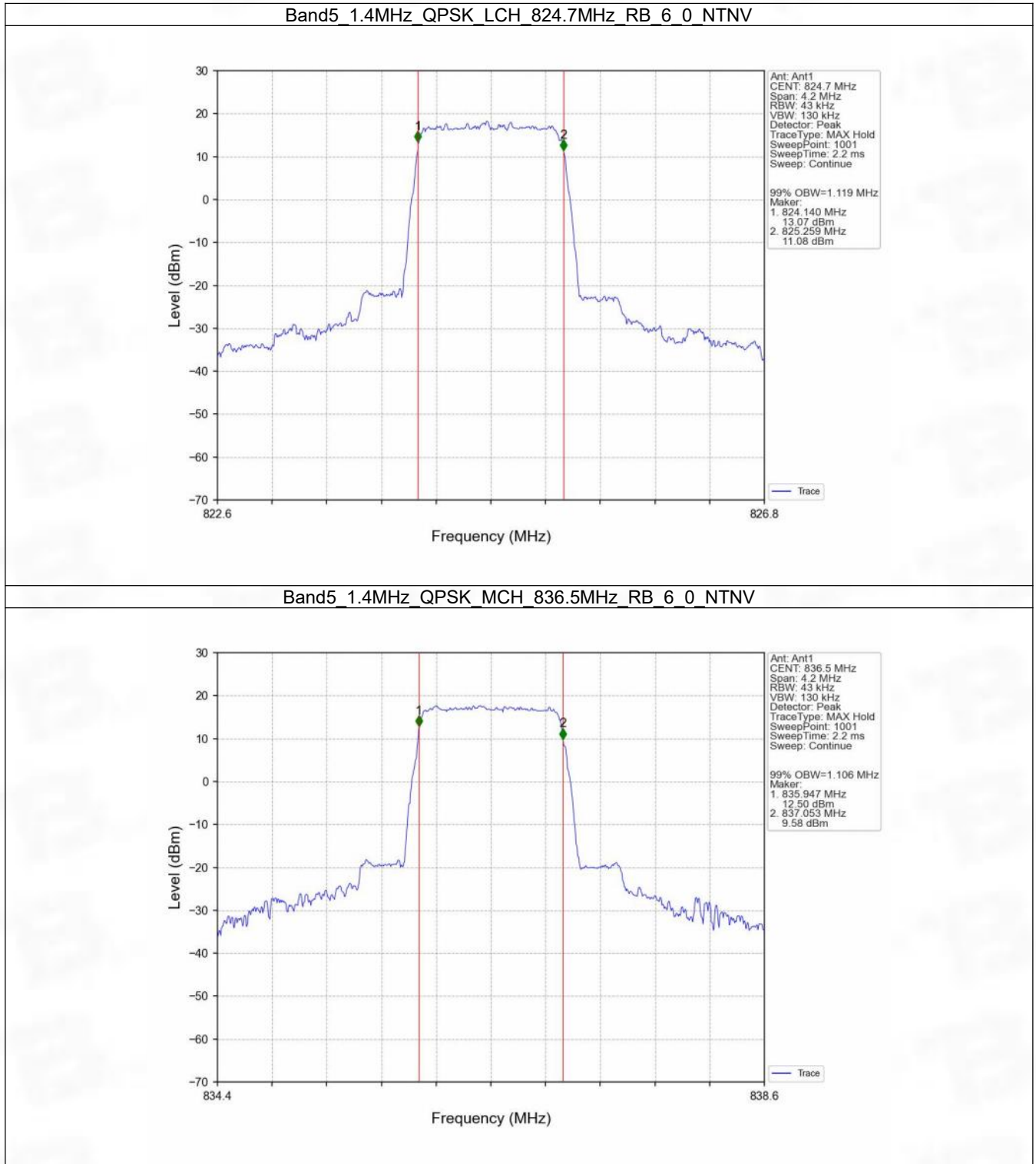
4.1.2 Band5_XDB

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	1.276	/	Pass
		848.3	6	0	1.274	/	Pass
	16QAM	824.7	6	0	1.274	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.274	/	Pass
3	QPSK	825.5	15	0	3.094	/	Pass
		836.5	15	0	3.106	/	Pass
		847.5	15	0	3.102	/	Pass
	16QAM	825.5	15	0	3.121	/	Pass
		836.5	15	0	3.089	/	Pass
		847.5	15	0	3.081	/	Pass
5	QPSK	826.5	25	0	5.041	/	Pass
		836.5	25	0	5.082	/	Pass
		846.5	25	0	5.035	/	Pass
	16QAM	826.5	25	0	5.074	/	Pass

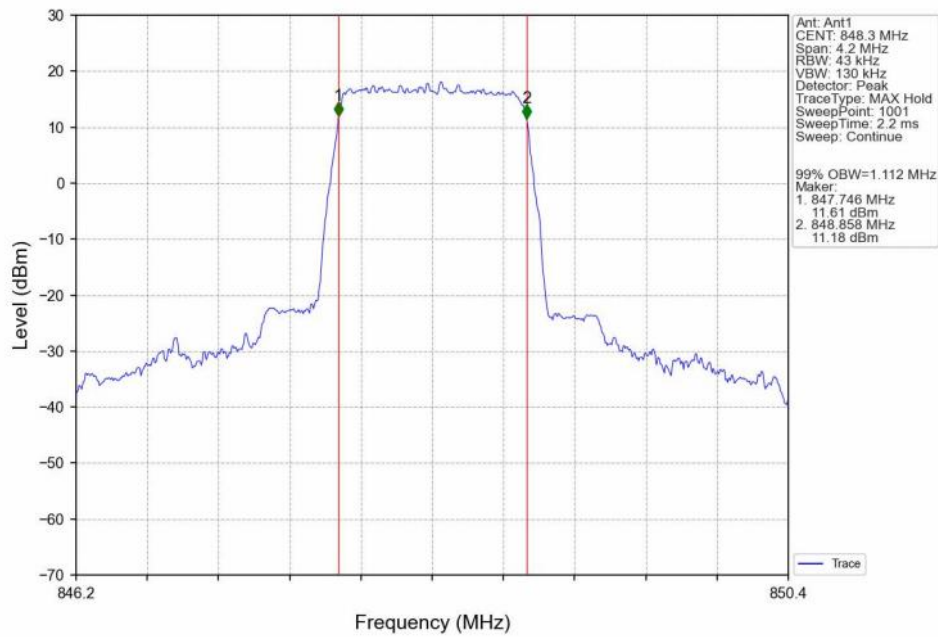
10		836.5	25	0	5.047	/	Pass
		846.5	25	0	5.053	/	Pass
	QPSK	829	50	0	10.045	/	Pass
		836.5	50	0	10.040	/	Pass
		844	50	0	10.033	/	Pass
	16QAM	829	50	0	10.081	/	Pass
		836.5	50	0	9.998	/	Pass
		844	50	0	10.061	/	Pass

4.2 Test Graph

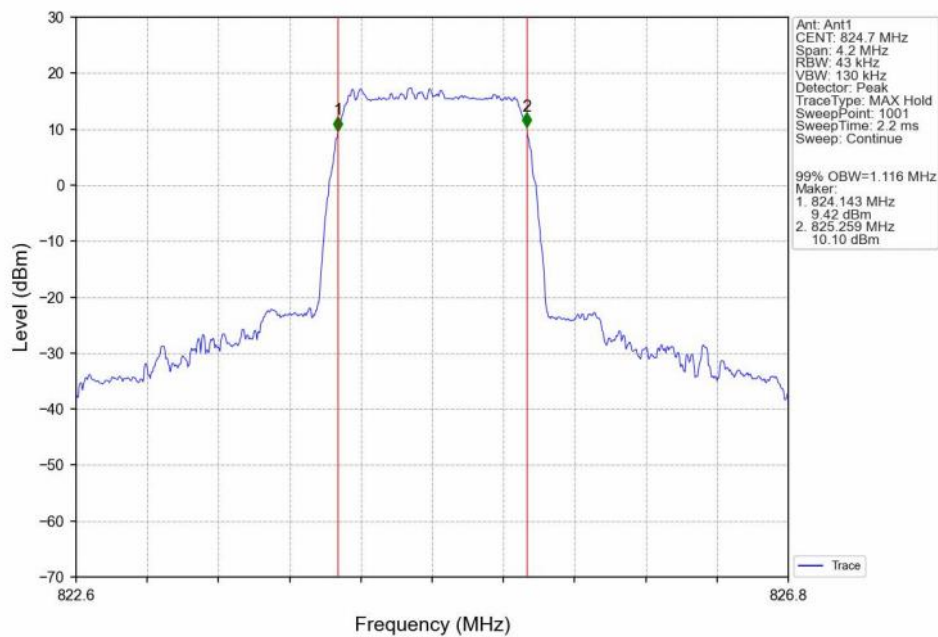
4.2.1 Band5_OBW



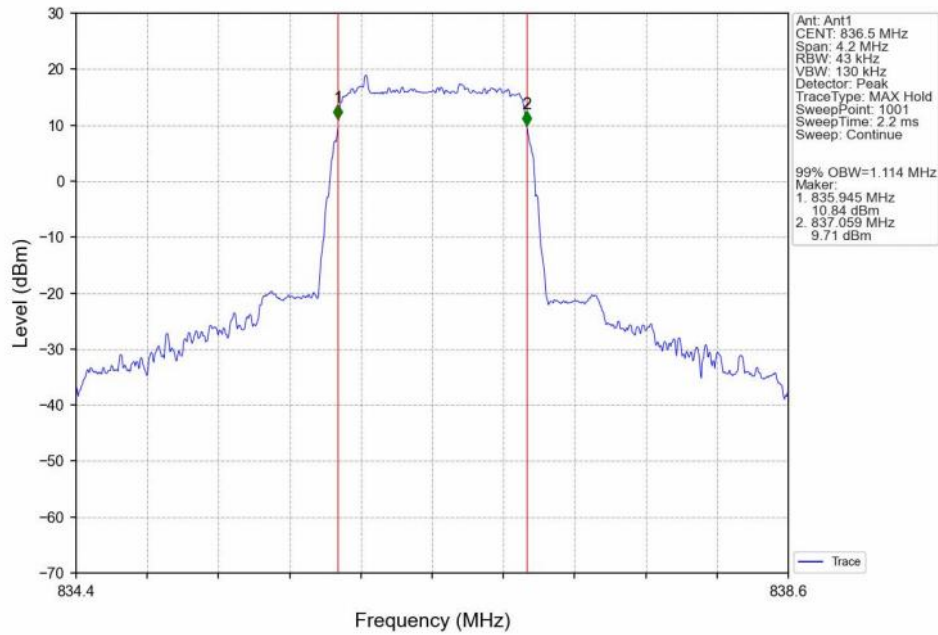
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



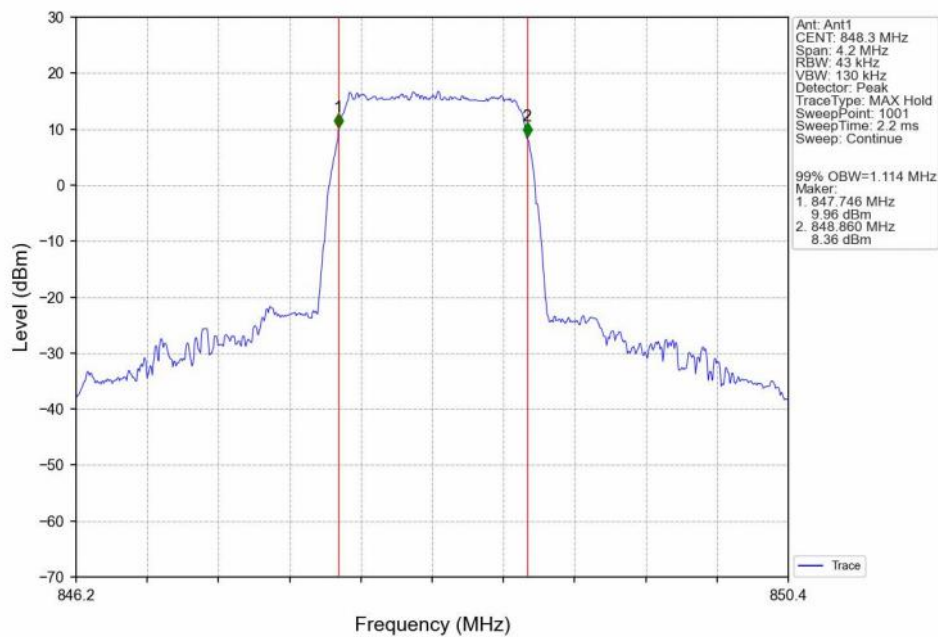
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



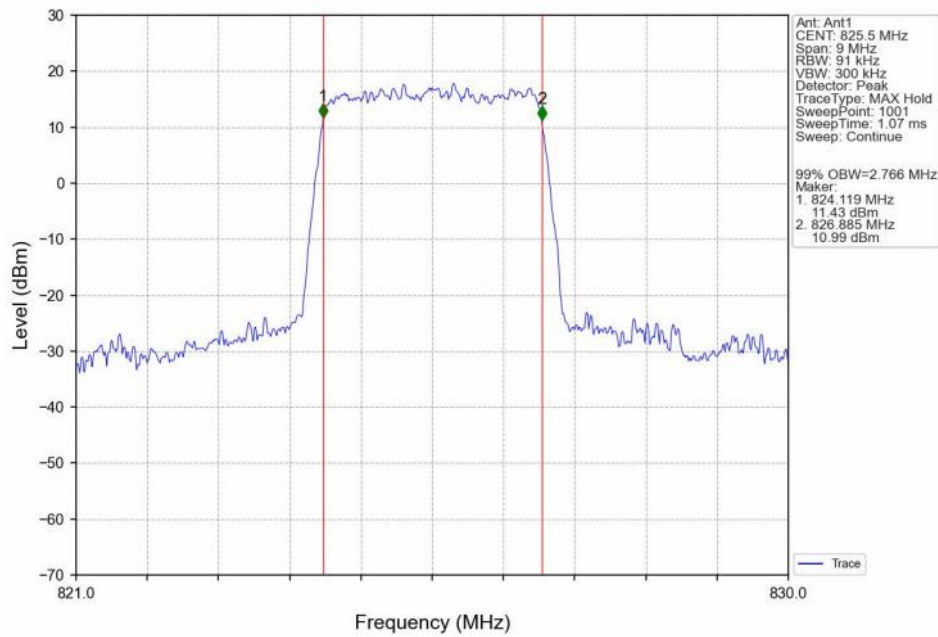
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



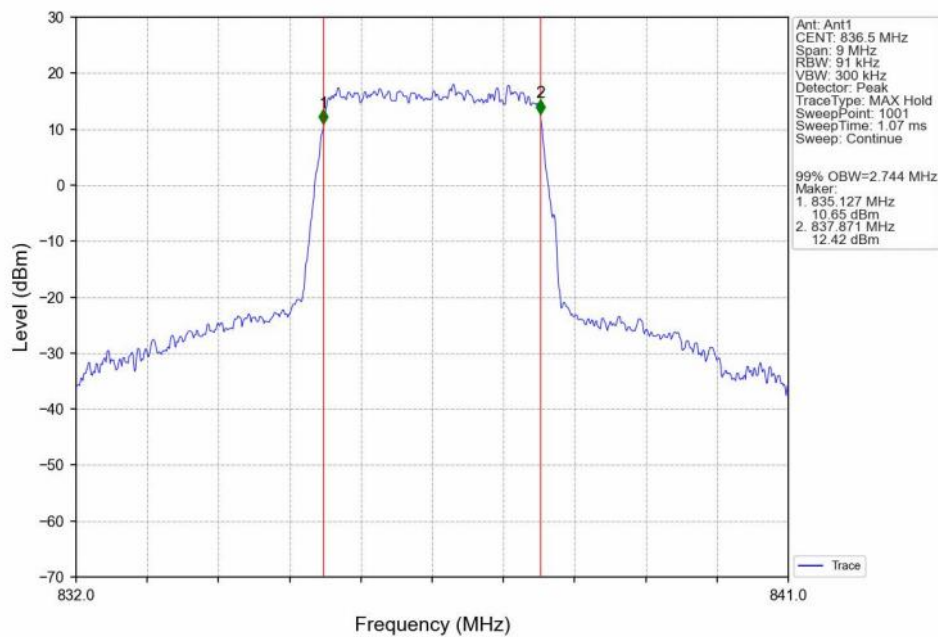
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



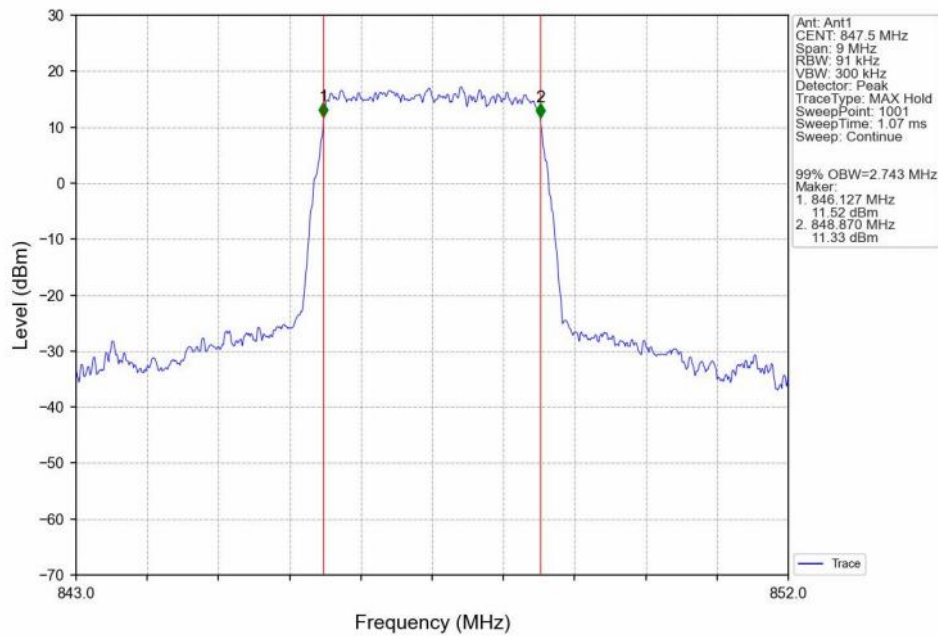
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



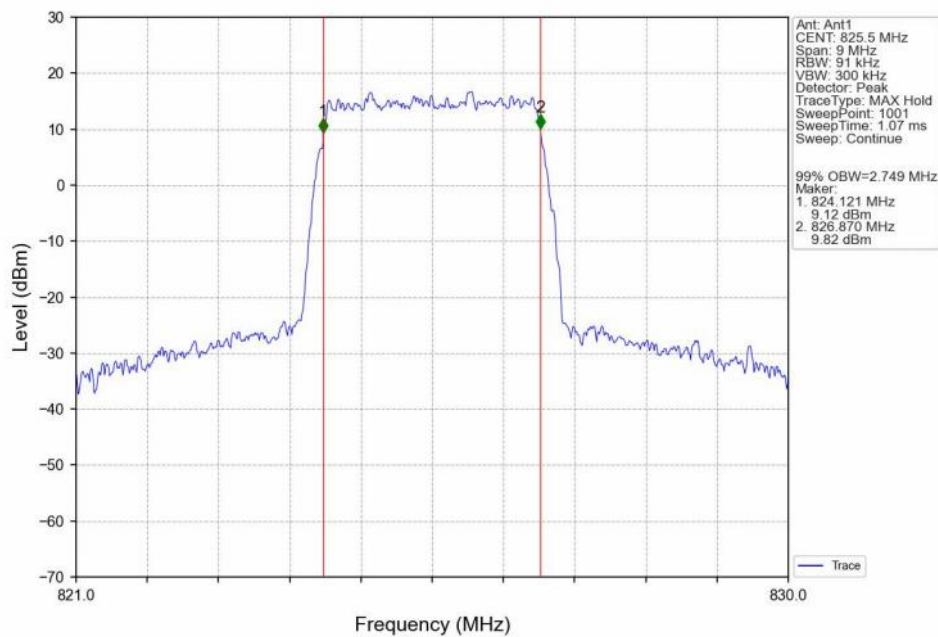
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



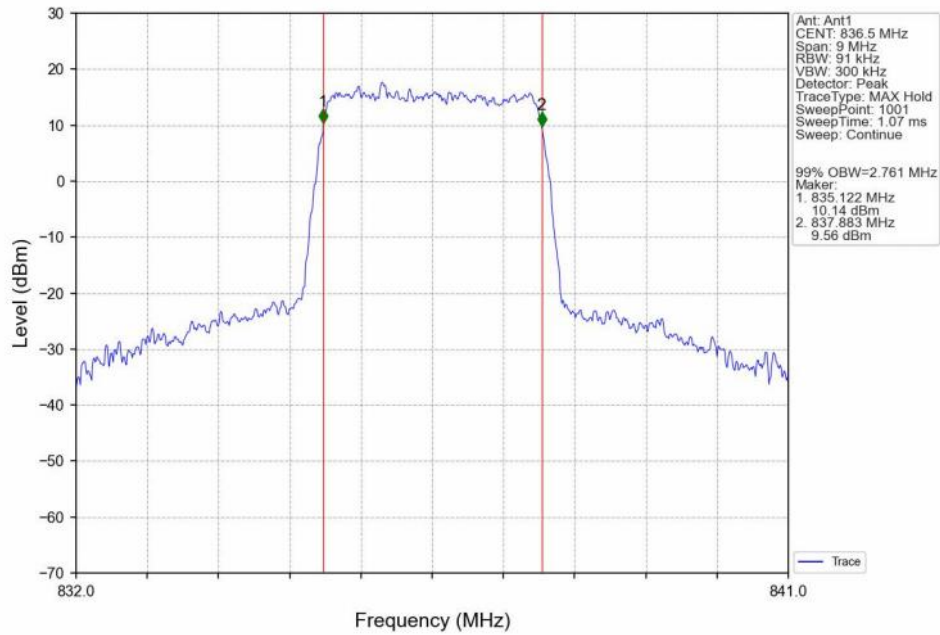
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



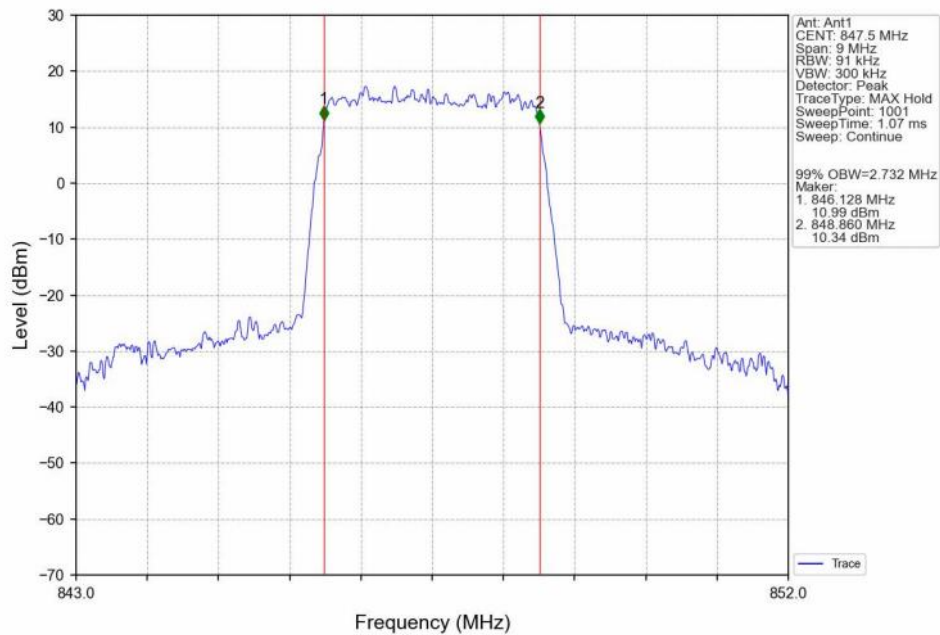
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



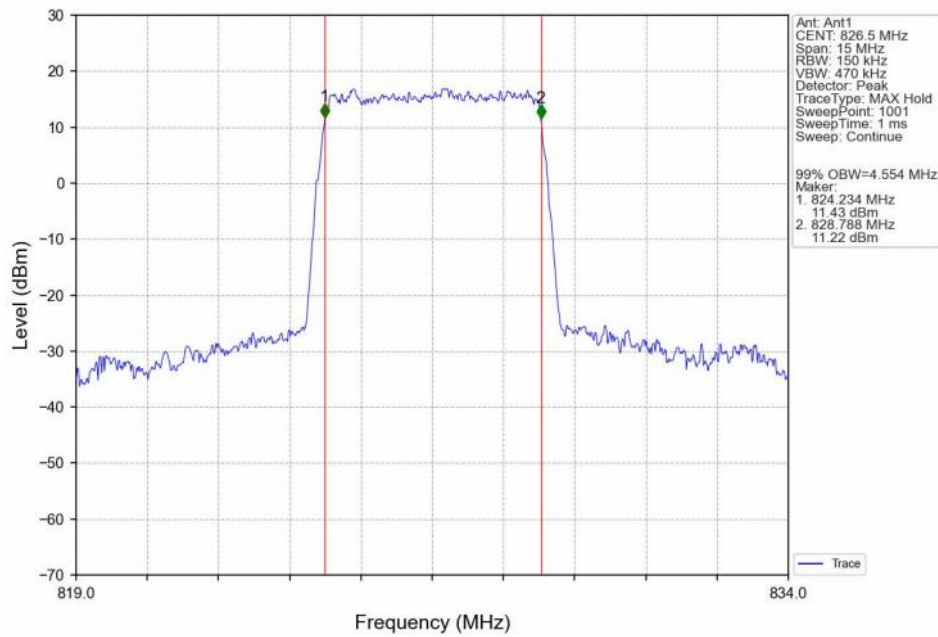
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



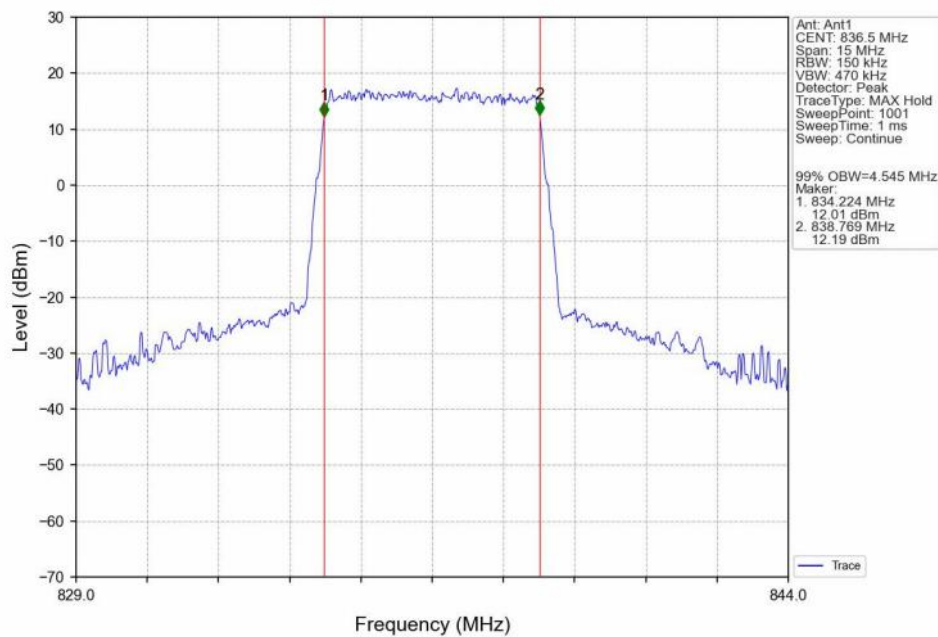
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



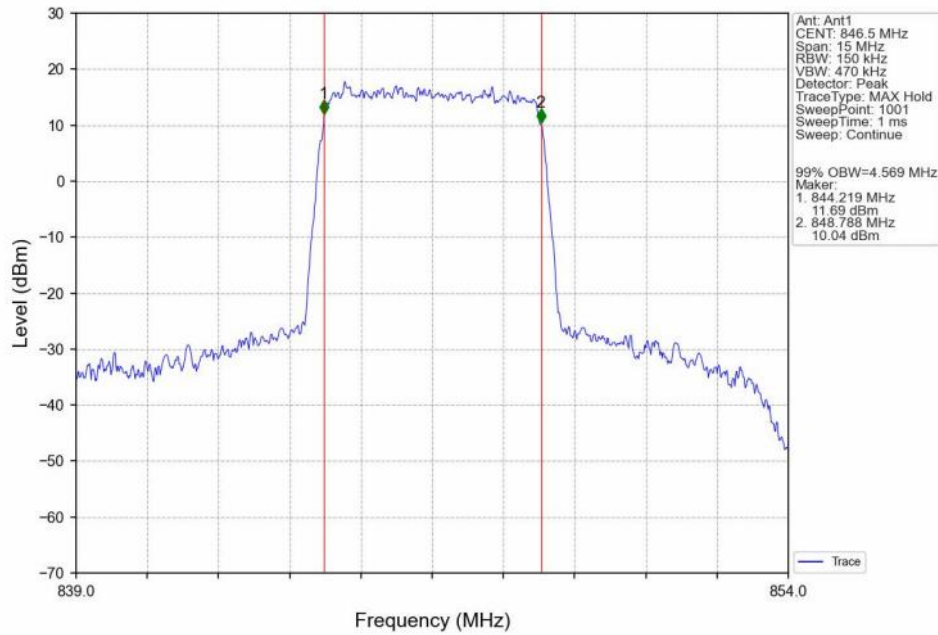
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



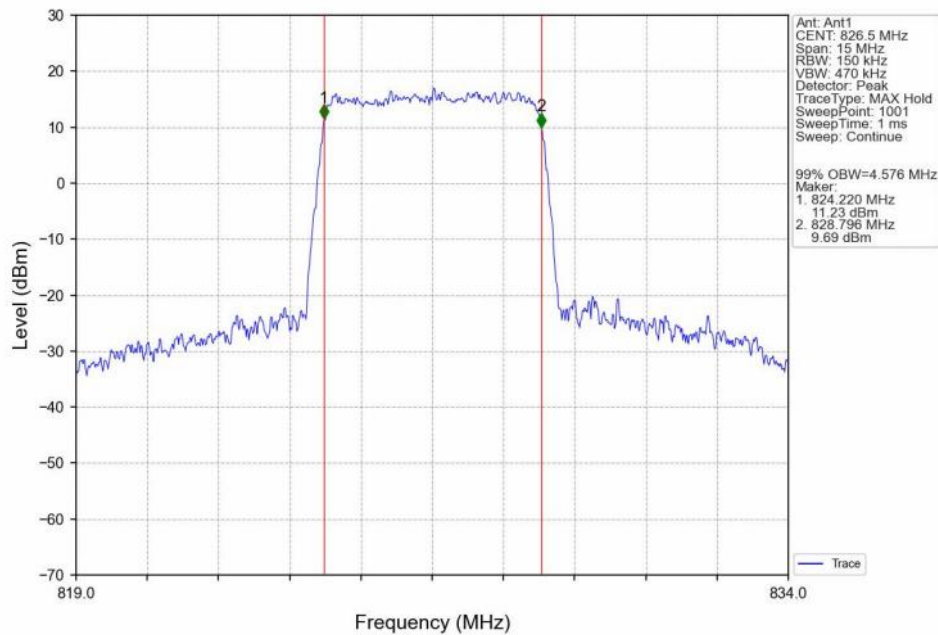
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



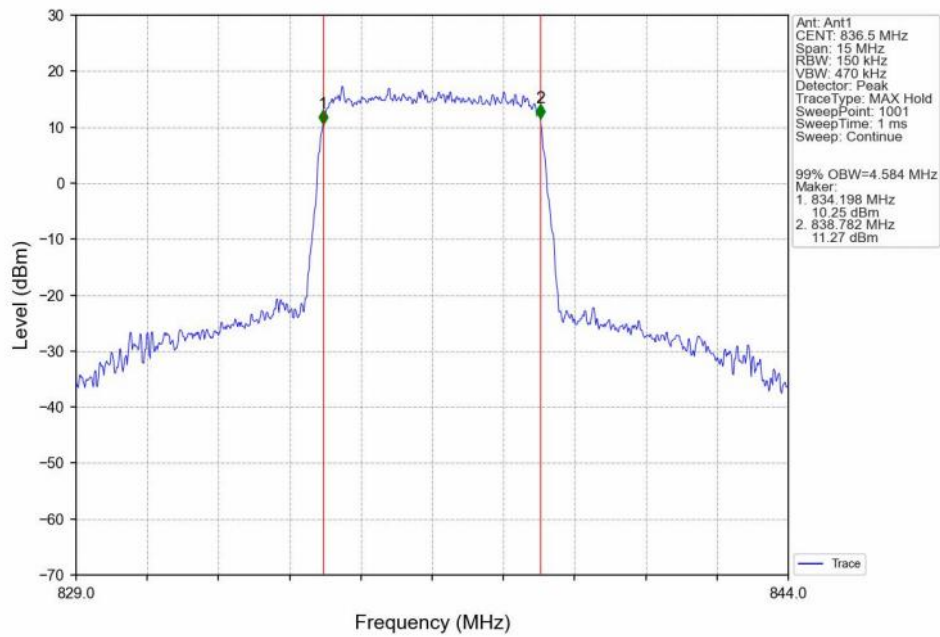
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



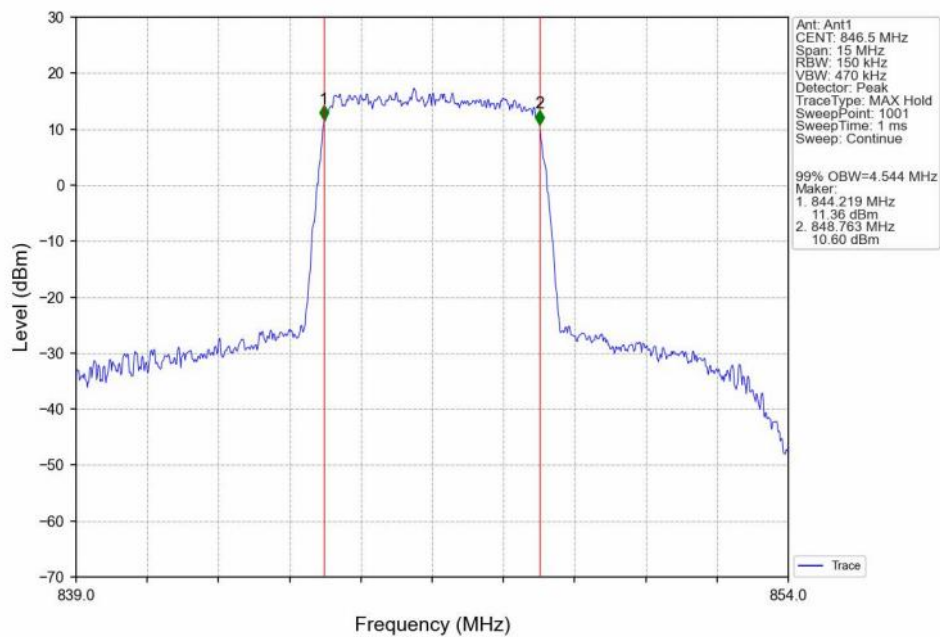
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



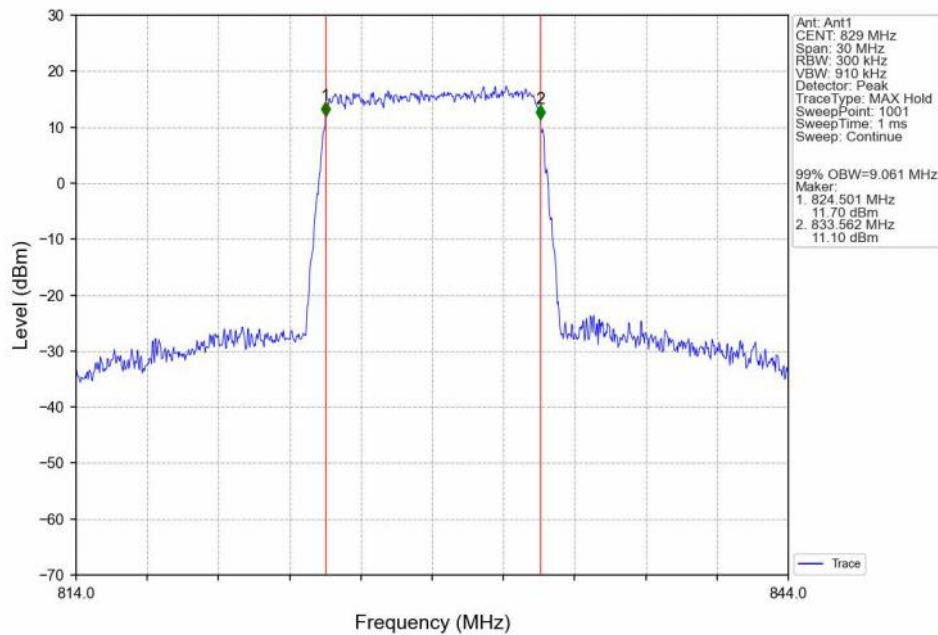
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



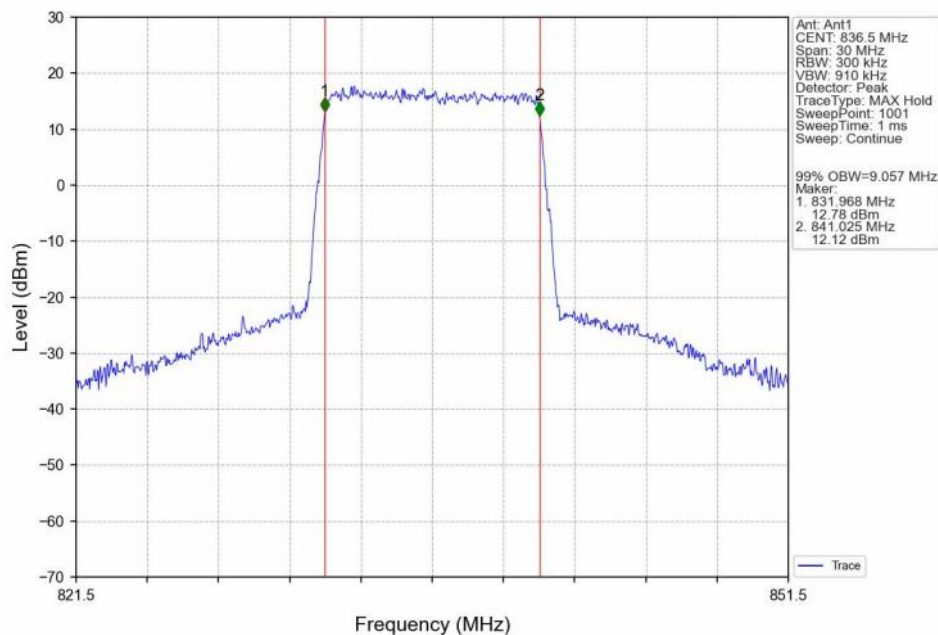
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



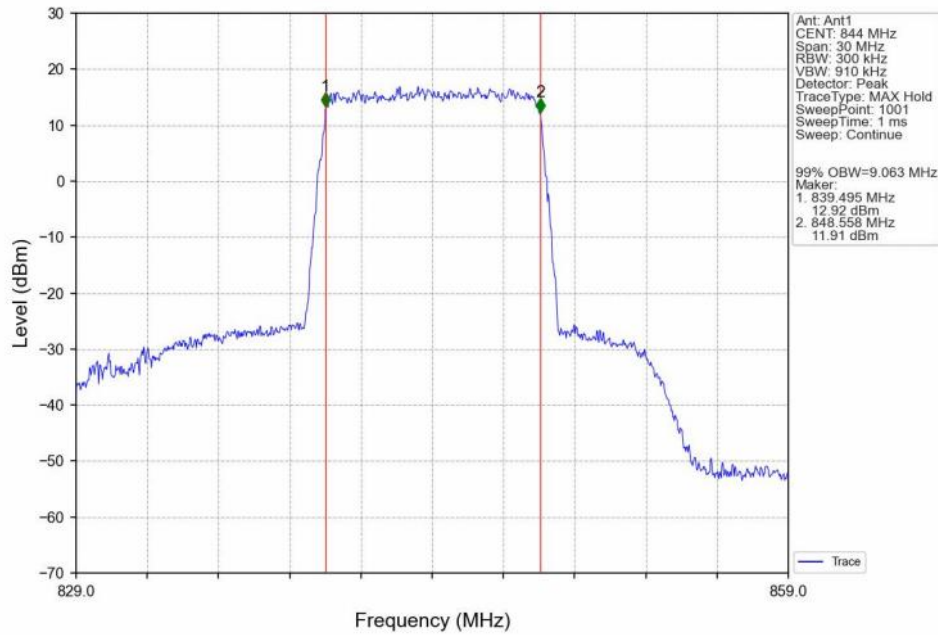
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



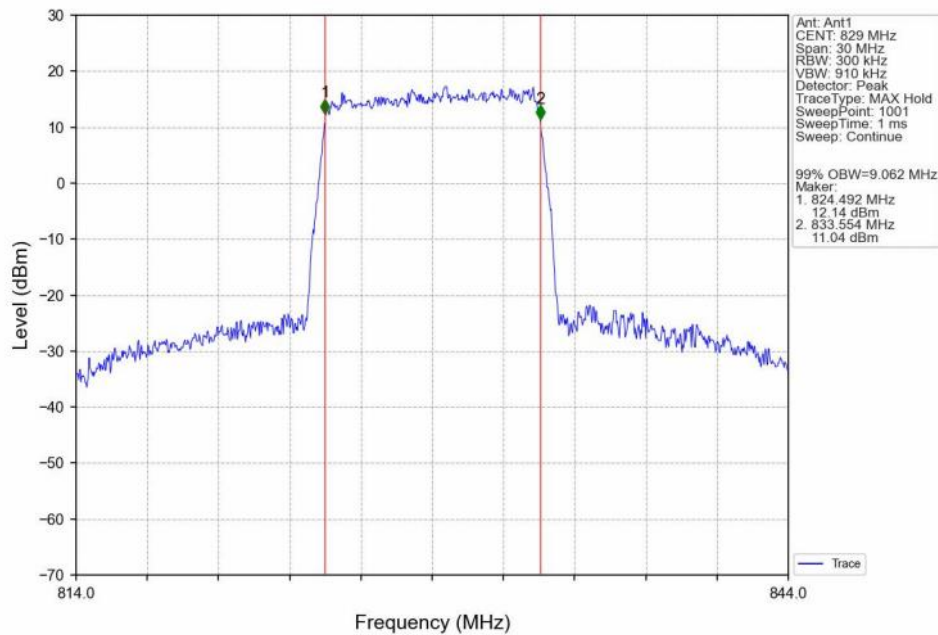
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



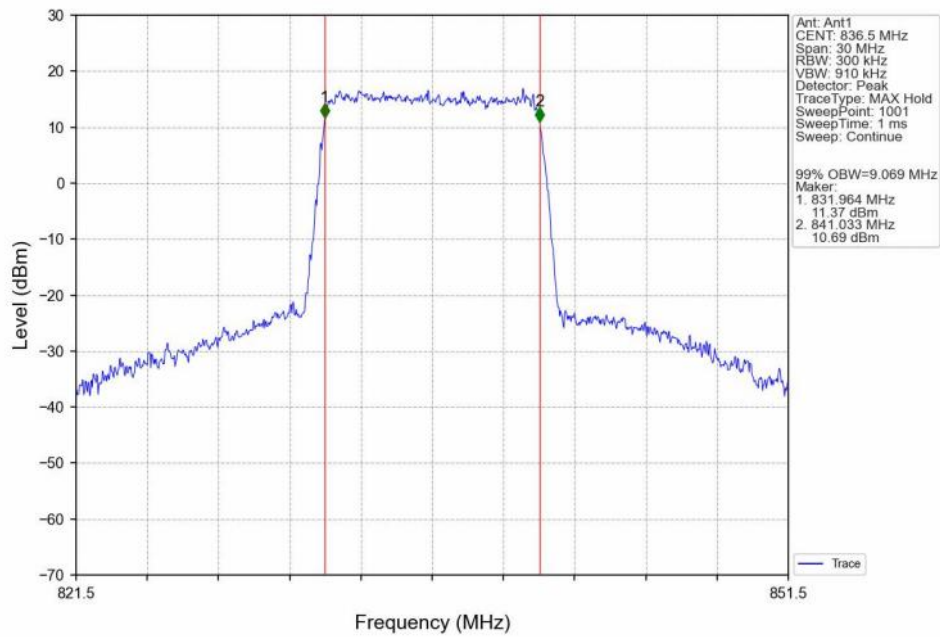
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



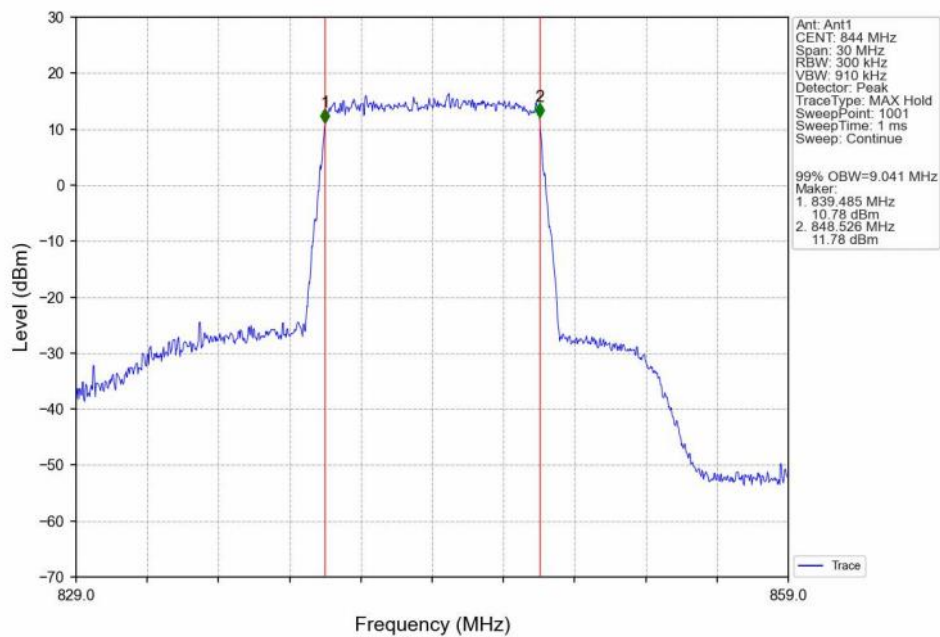
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



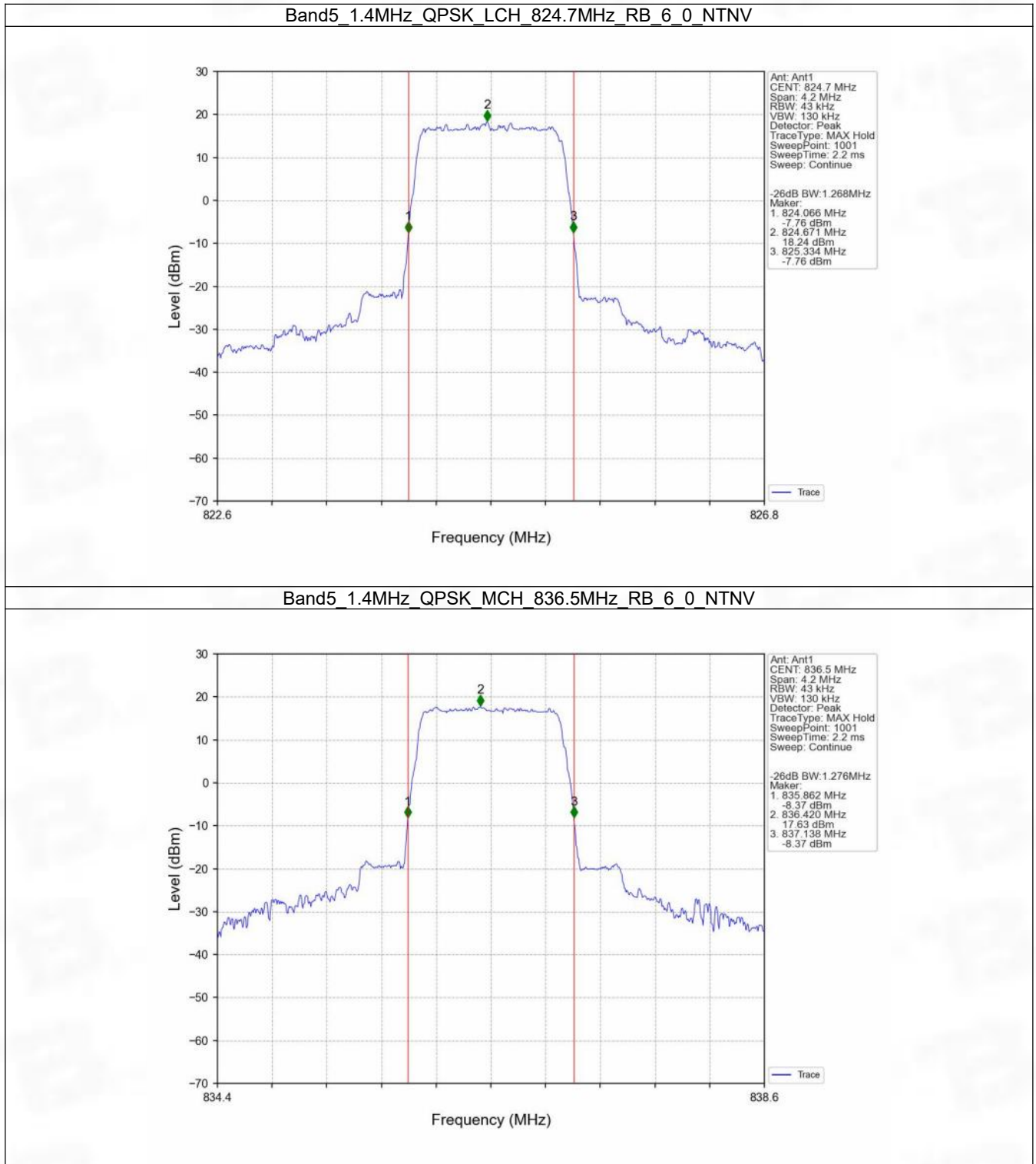
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



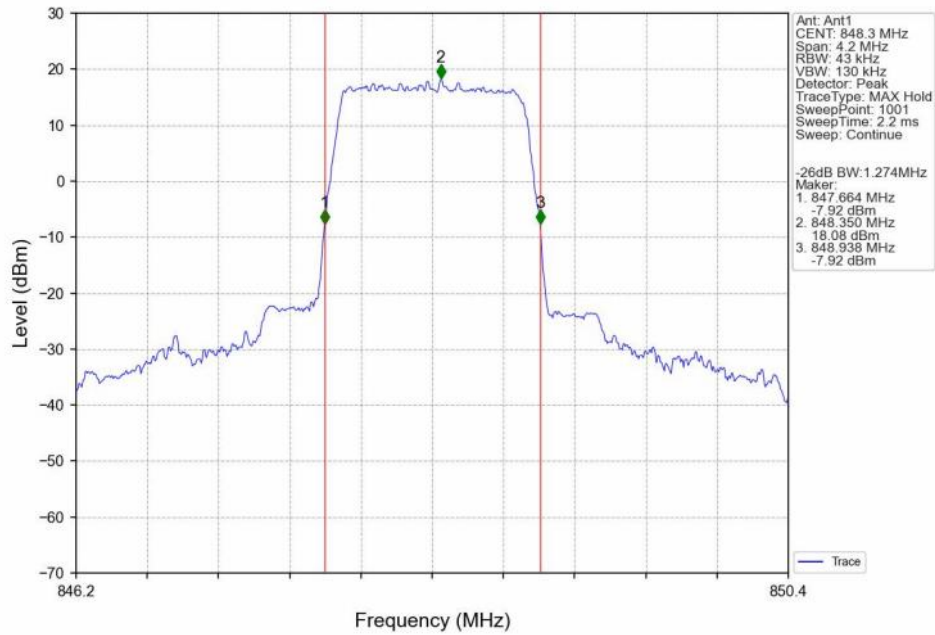
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



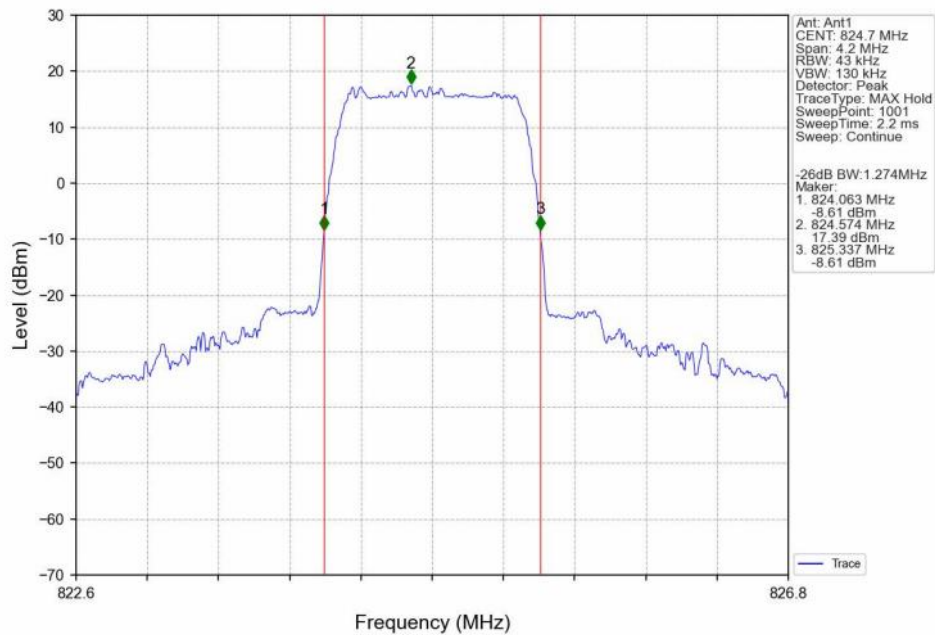
4.2.2 Band5_XDB



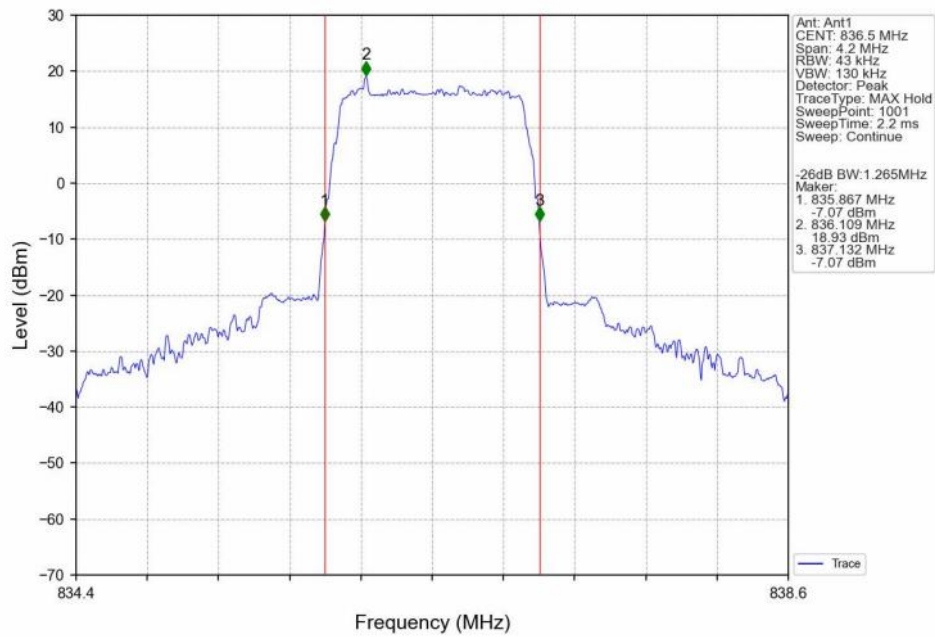
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



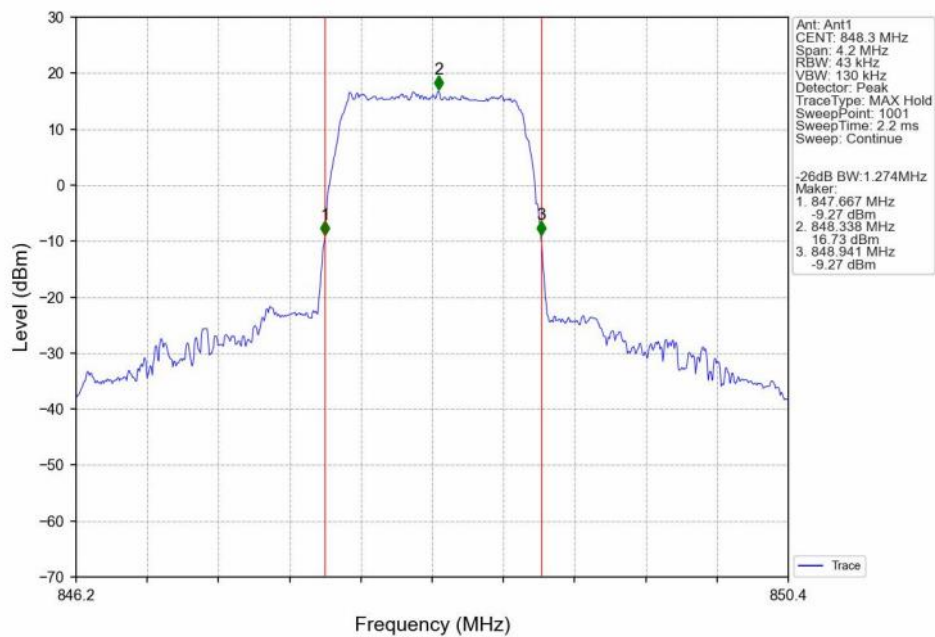
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



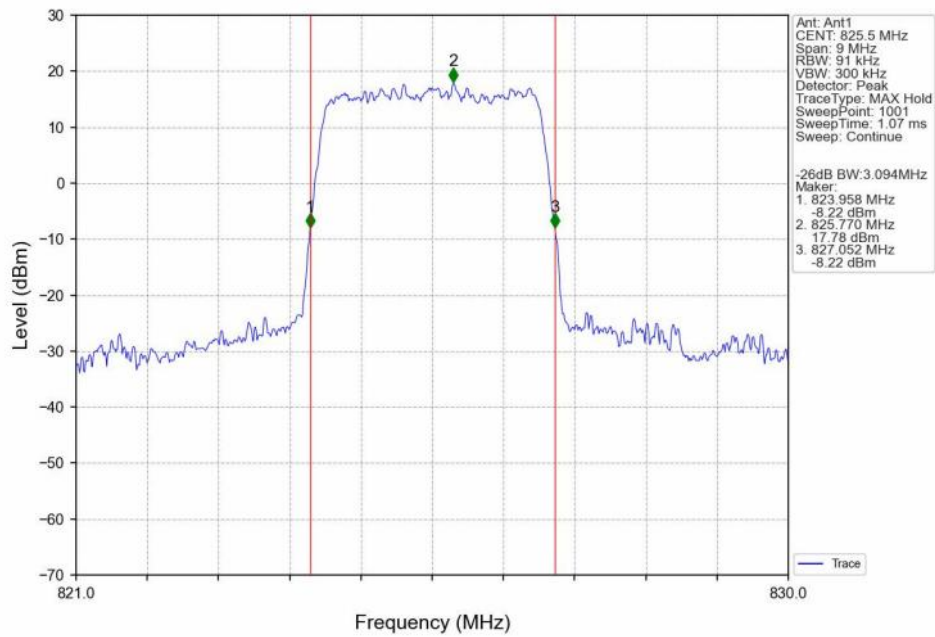
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



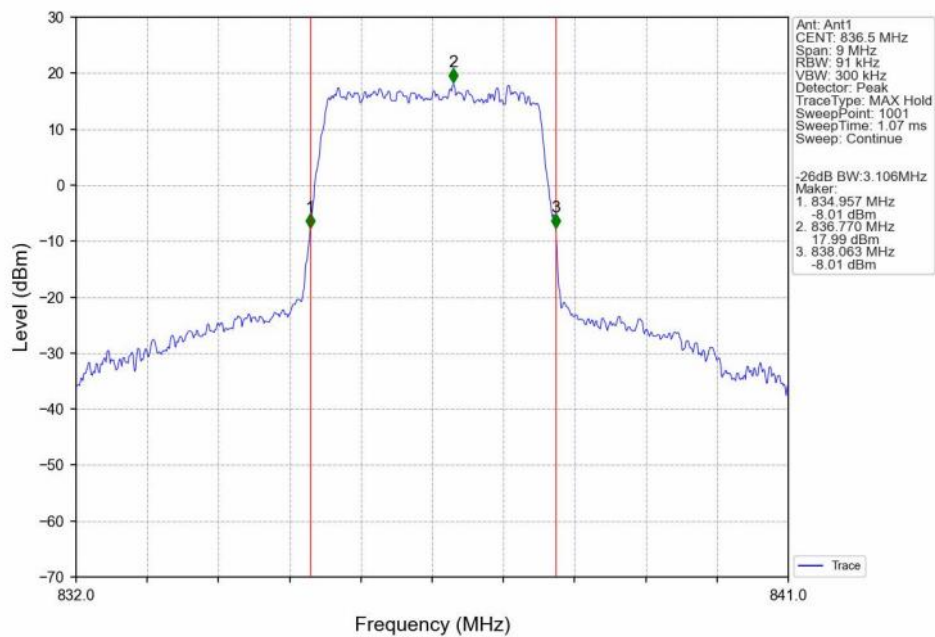
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



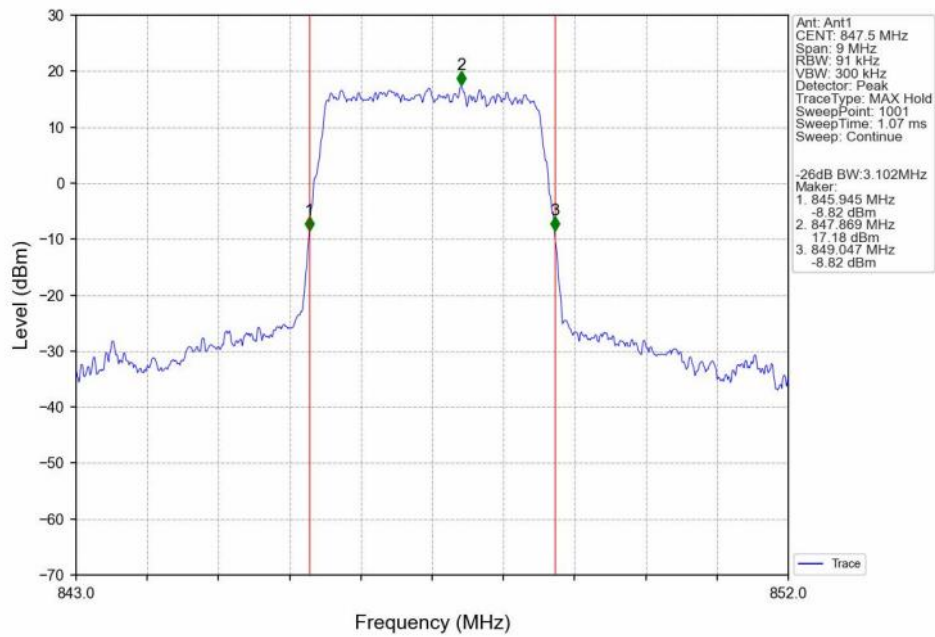
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



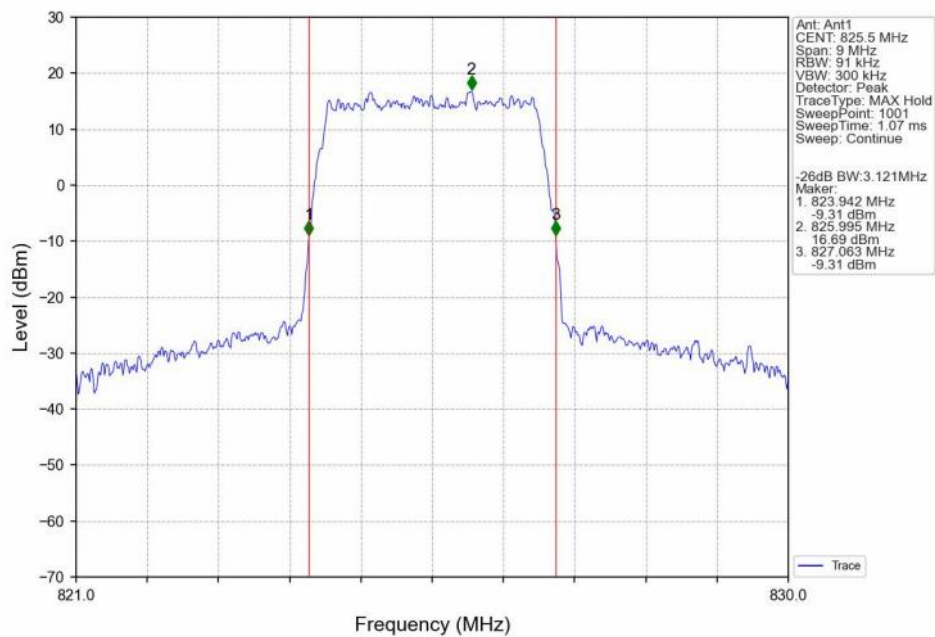
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



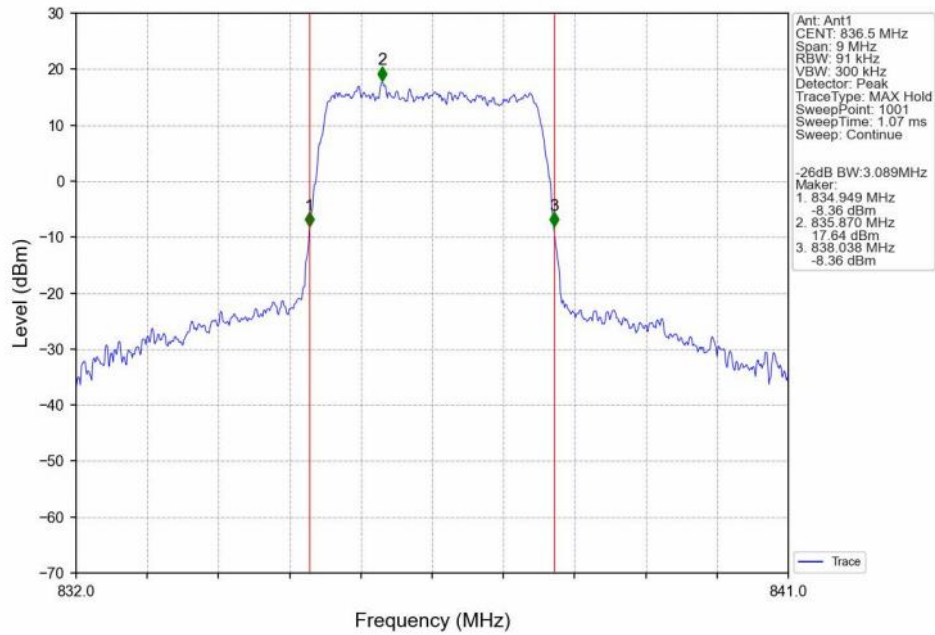
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



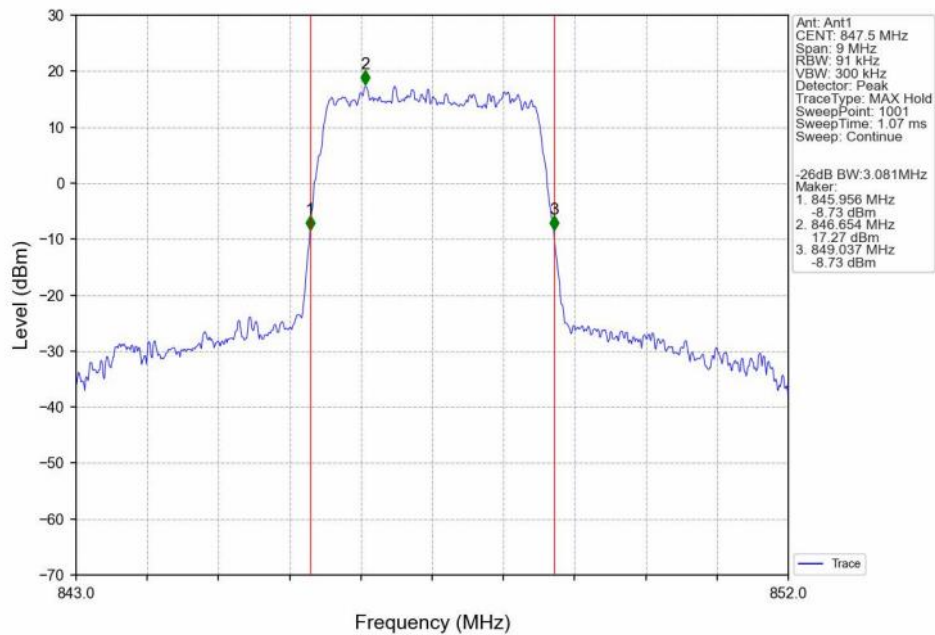
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



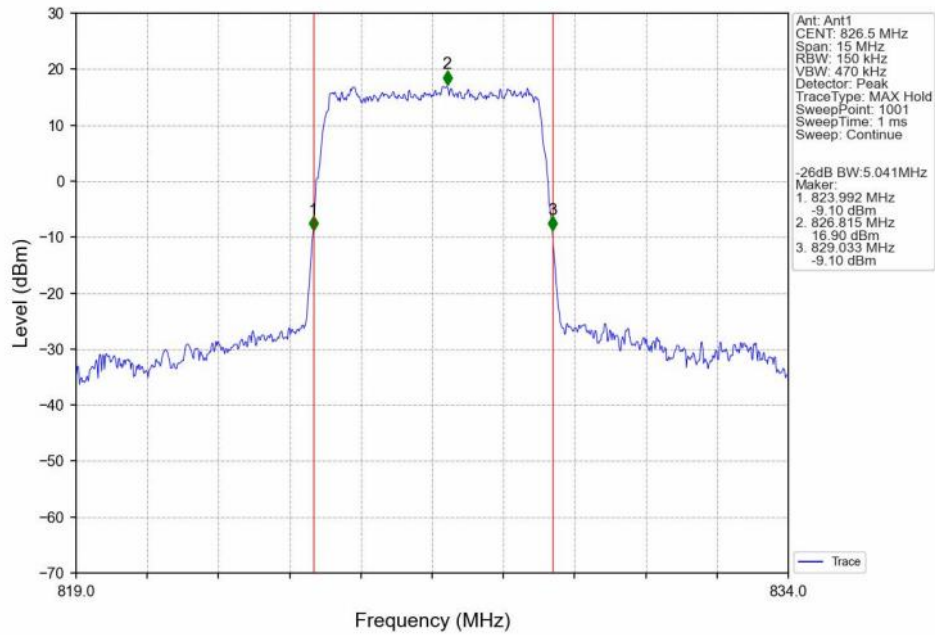
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



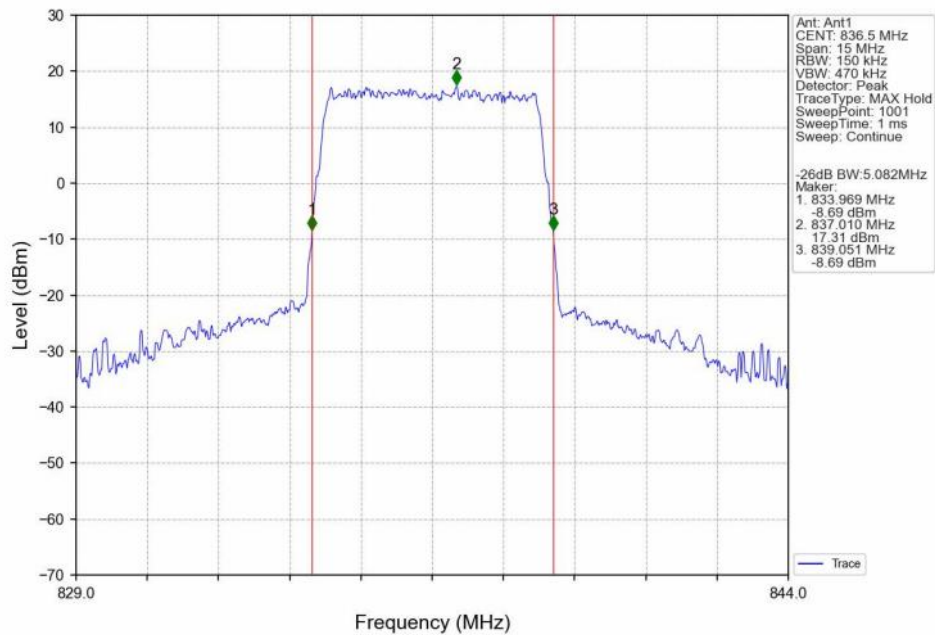
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



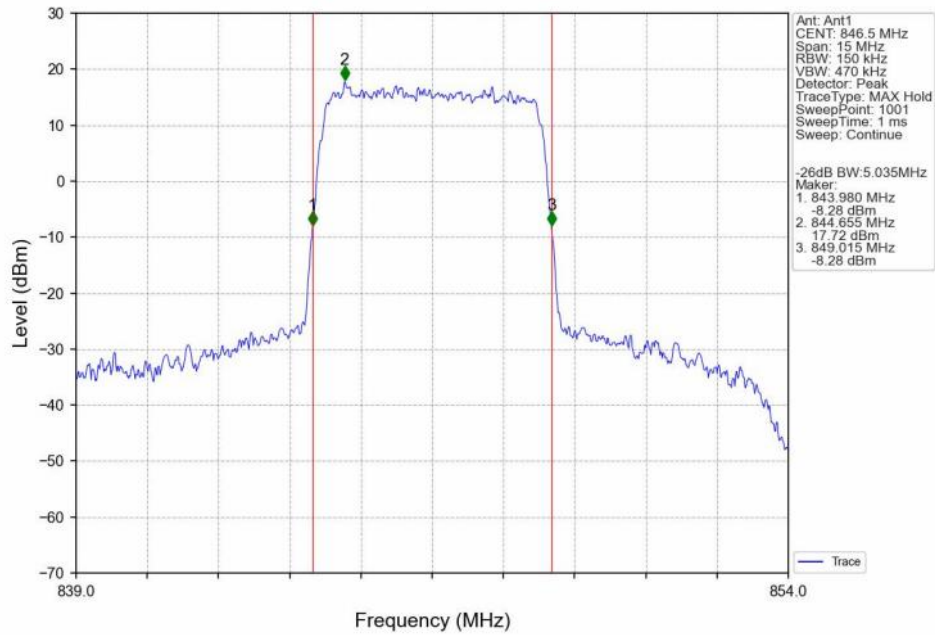
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



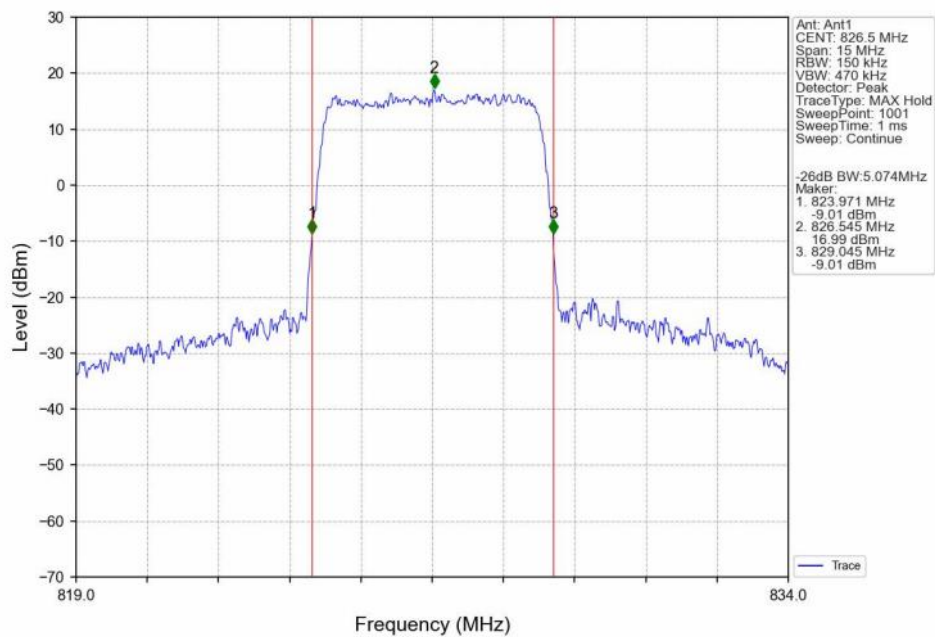
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



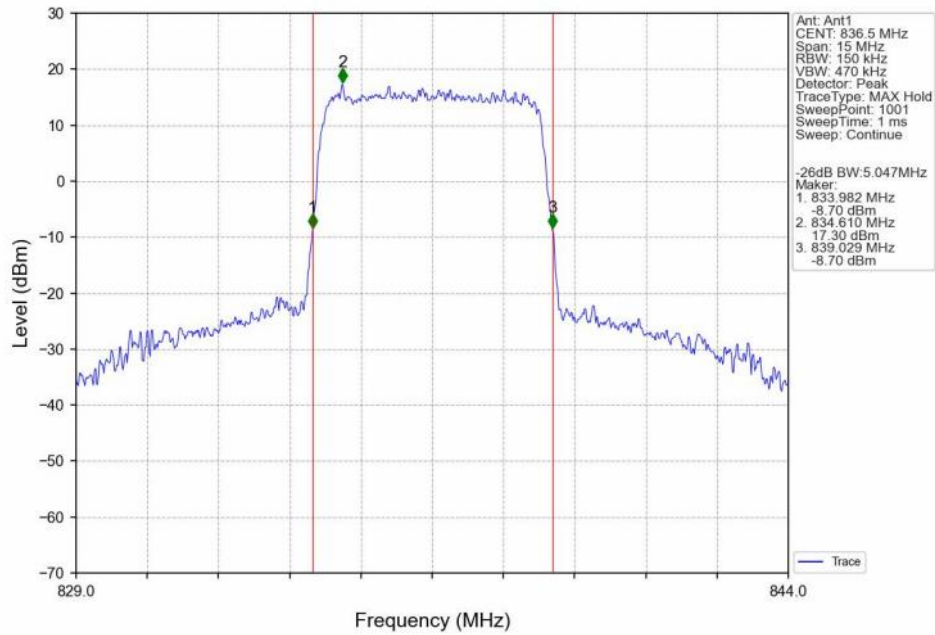
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



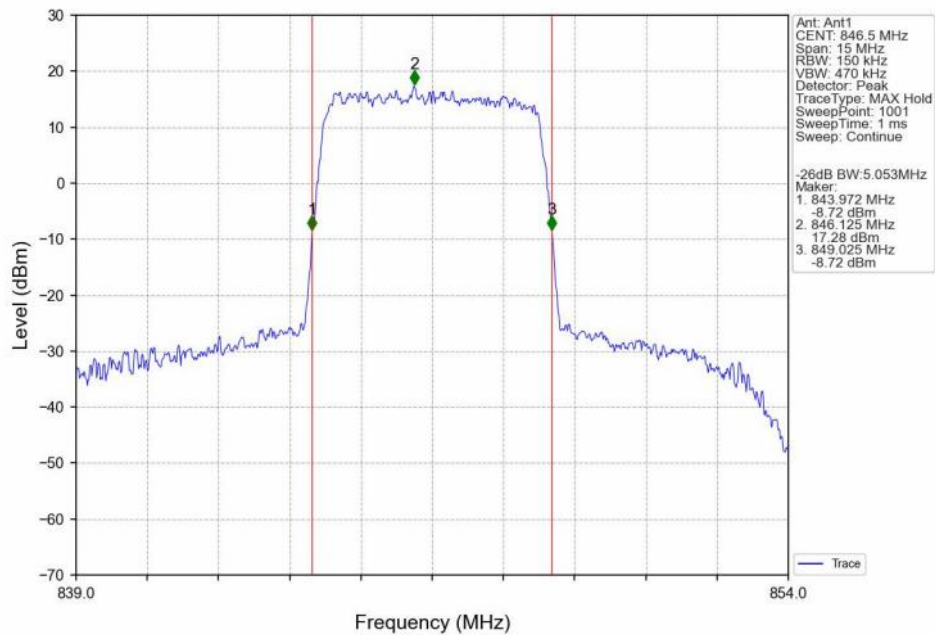
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



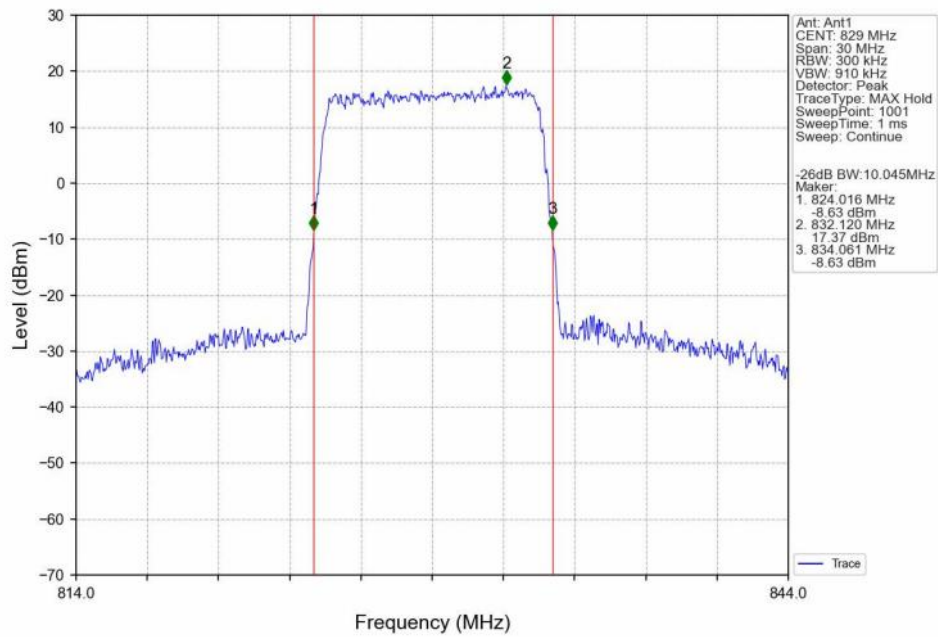
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



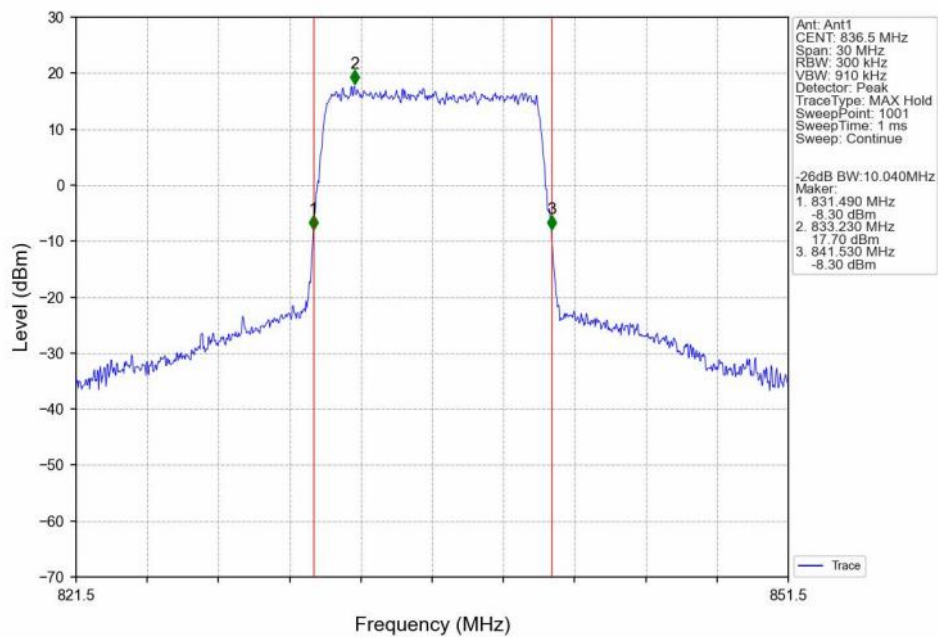
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



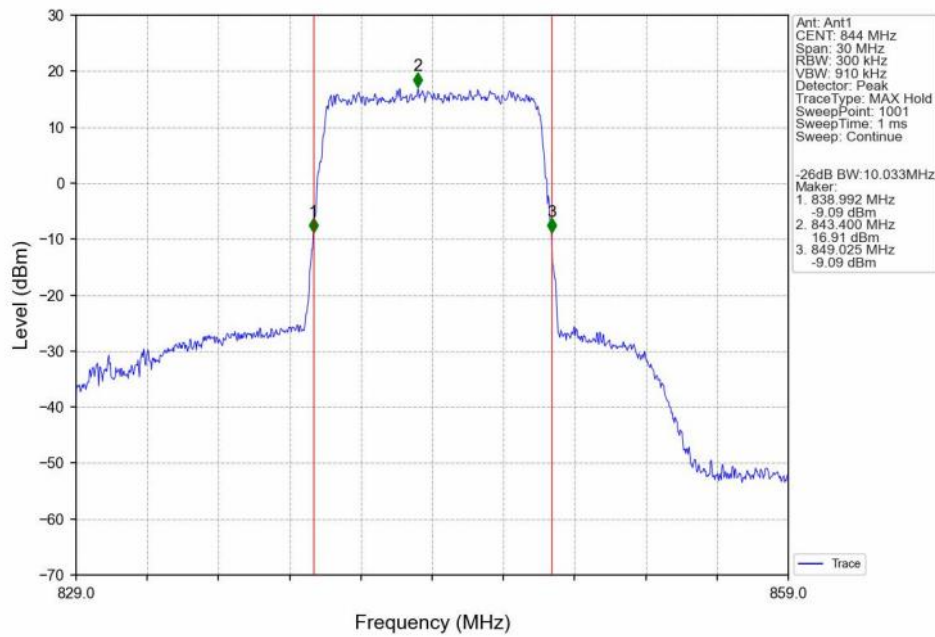
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



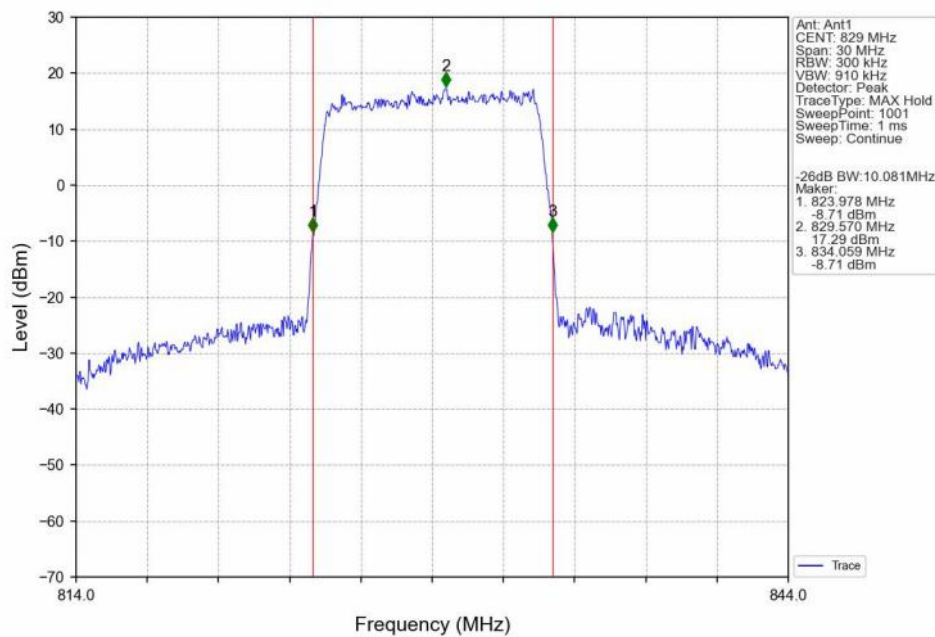
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



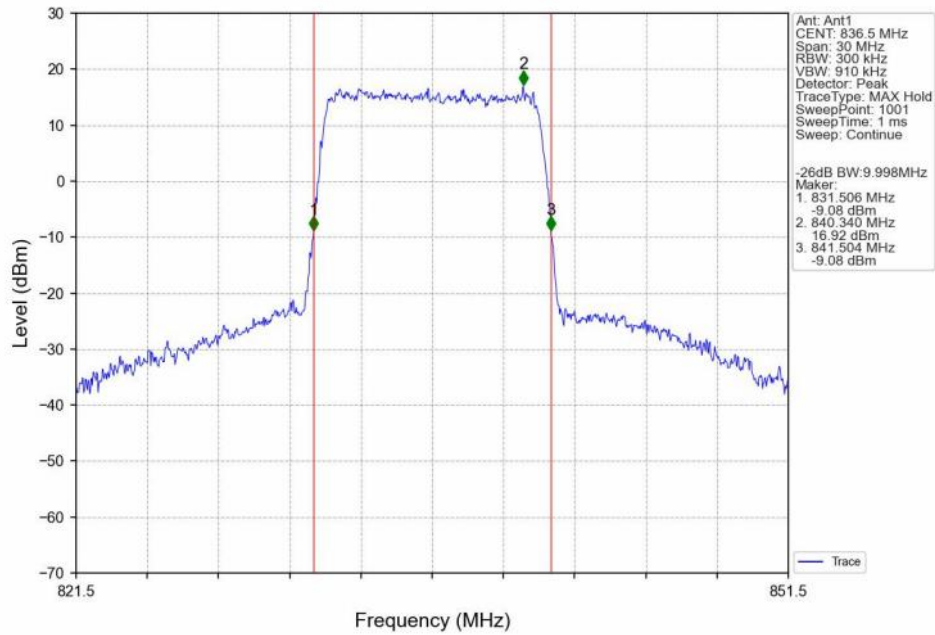
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



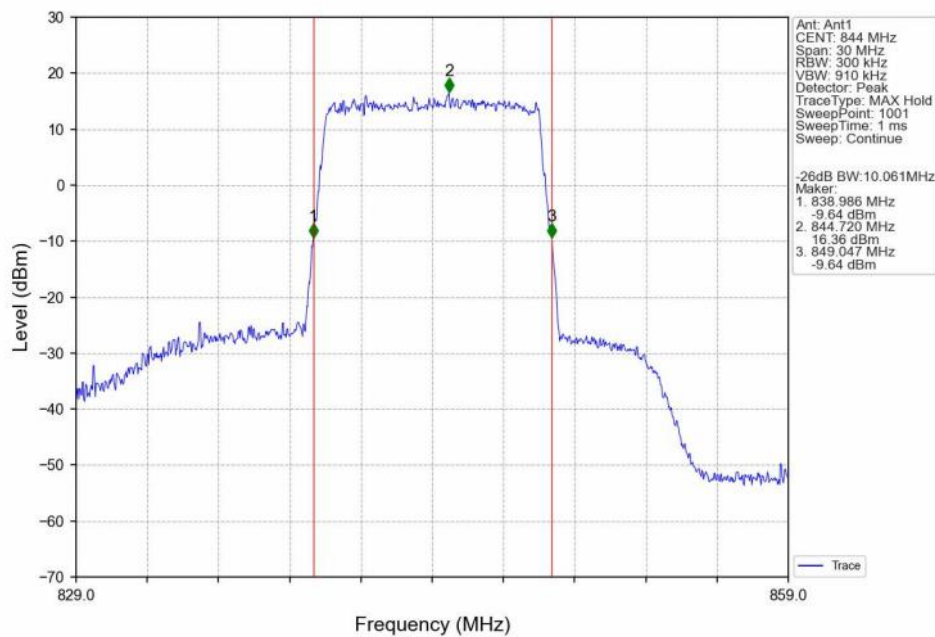
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.82	<=13	Pass
	836.5	6	0	5.79	<=13	Pass
	848.3	6	0	5.79	<=13	Pass
16QAM	824.7	6	0	6.51	<=13	Pass
	836.5	6	0	6.65	<=13	Pass
	848.3	6	0	6.51	<=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	5.76	<=13	Pass
	836.5	15	0	5.80	<=13	Pass
	847.5	15	0	5.82	<=13	Pass
16QAM	825.5	15	0	6.58	<=13	Pass
	836.5	15	0	6.64	<=13	Pass
	847.5	15	0	6.54	<=13	Pass

5.1.3 B5_5MHz

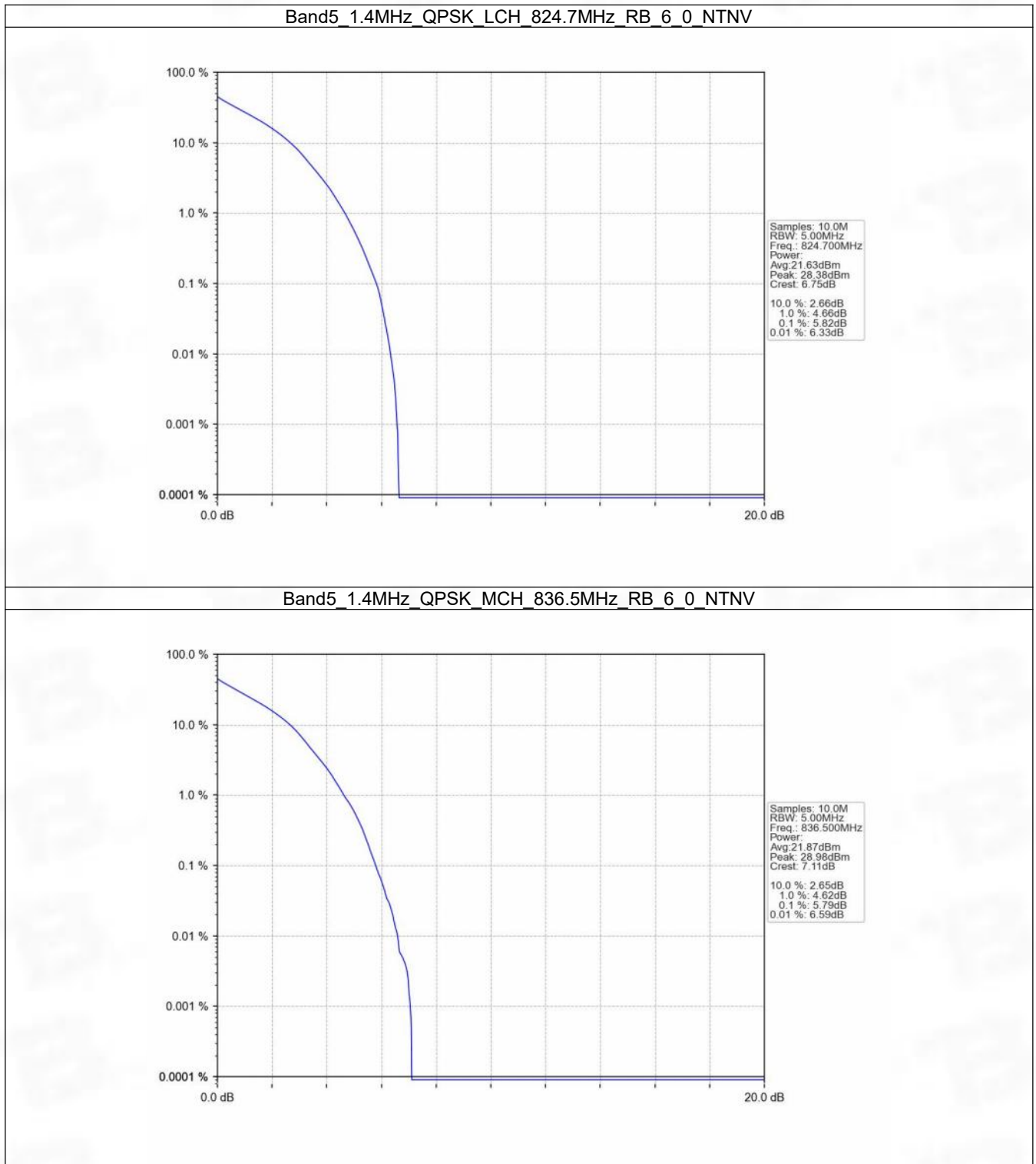
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.70	<=13	Pass
	836.5	25	0	5.83	<=13	Pass
	846.5	25	0	5.76	<=13	Pass
16QAM	826.5	25	0	6.37	<=13	Pass
	836.5	25	0	6.56	<=13	Pass
	846.5	25	0	6.41	<=13	Pass

5.1.4 B5_10MHz

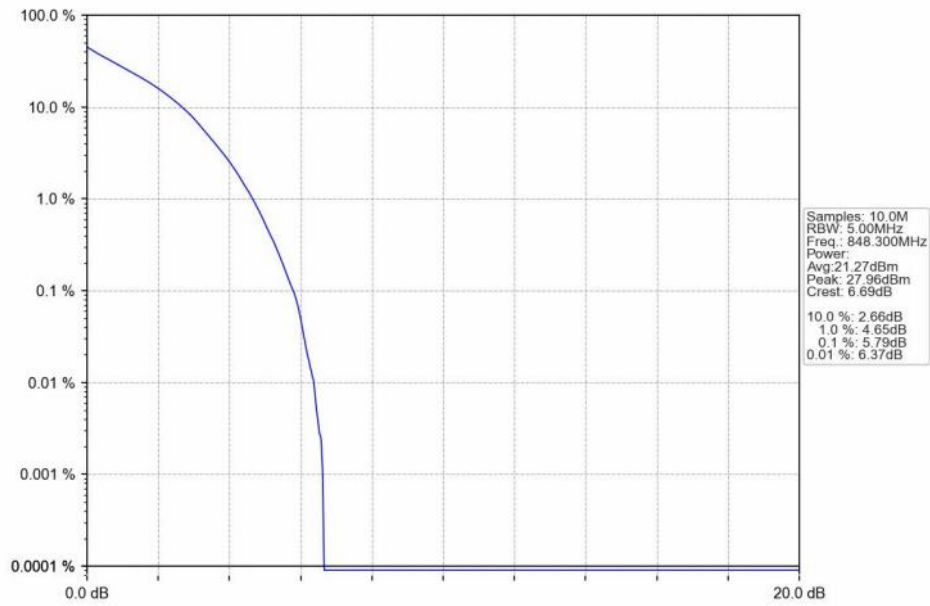
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.66	<=13	Pass
	836.5	50	0	5.82	<=13	Pass
	844	50	0	5.80	<=13	Pass
16QAM	829	50	0	6.32	<=13	Pass
	836.5	50	0	6.59	<=13	Pass
	844	50	0	6.52	<=13	Pass

5.2 Test Graph

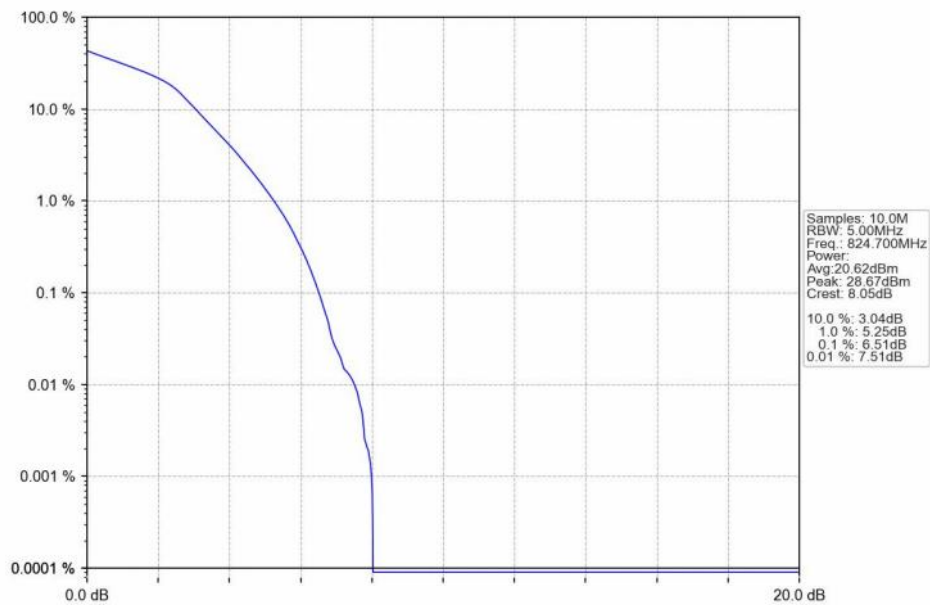
5.2.1 B5_1.4MHz



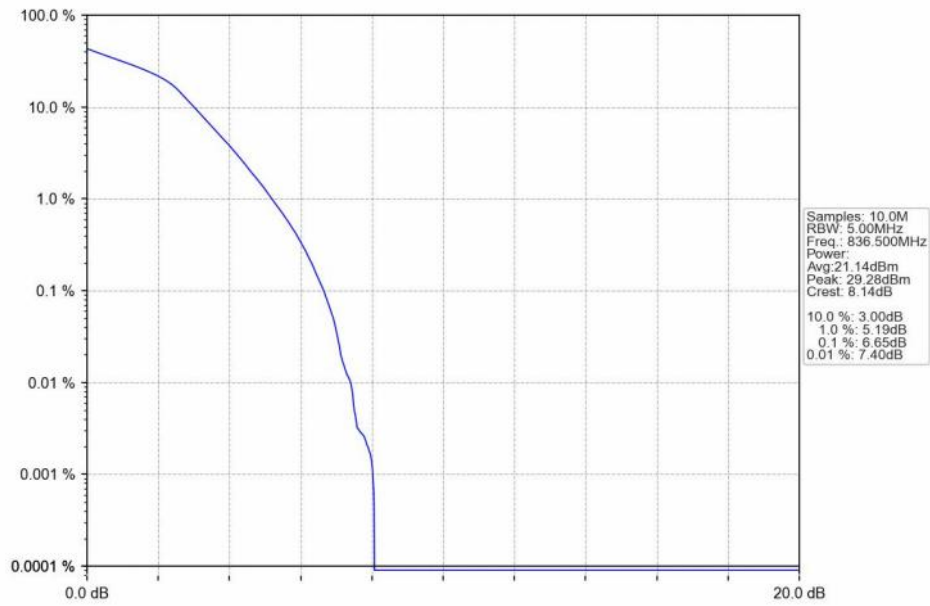
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



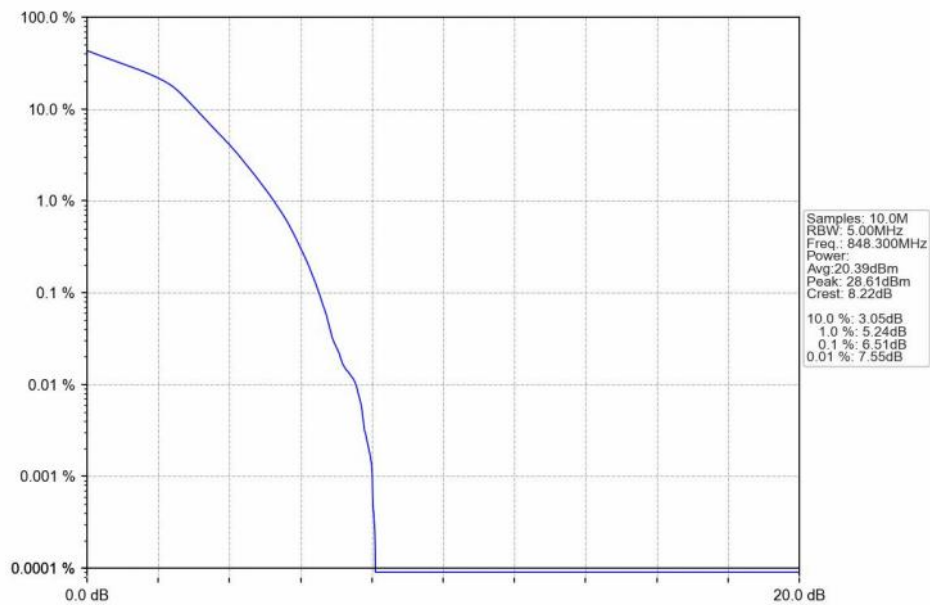
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



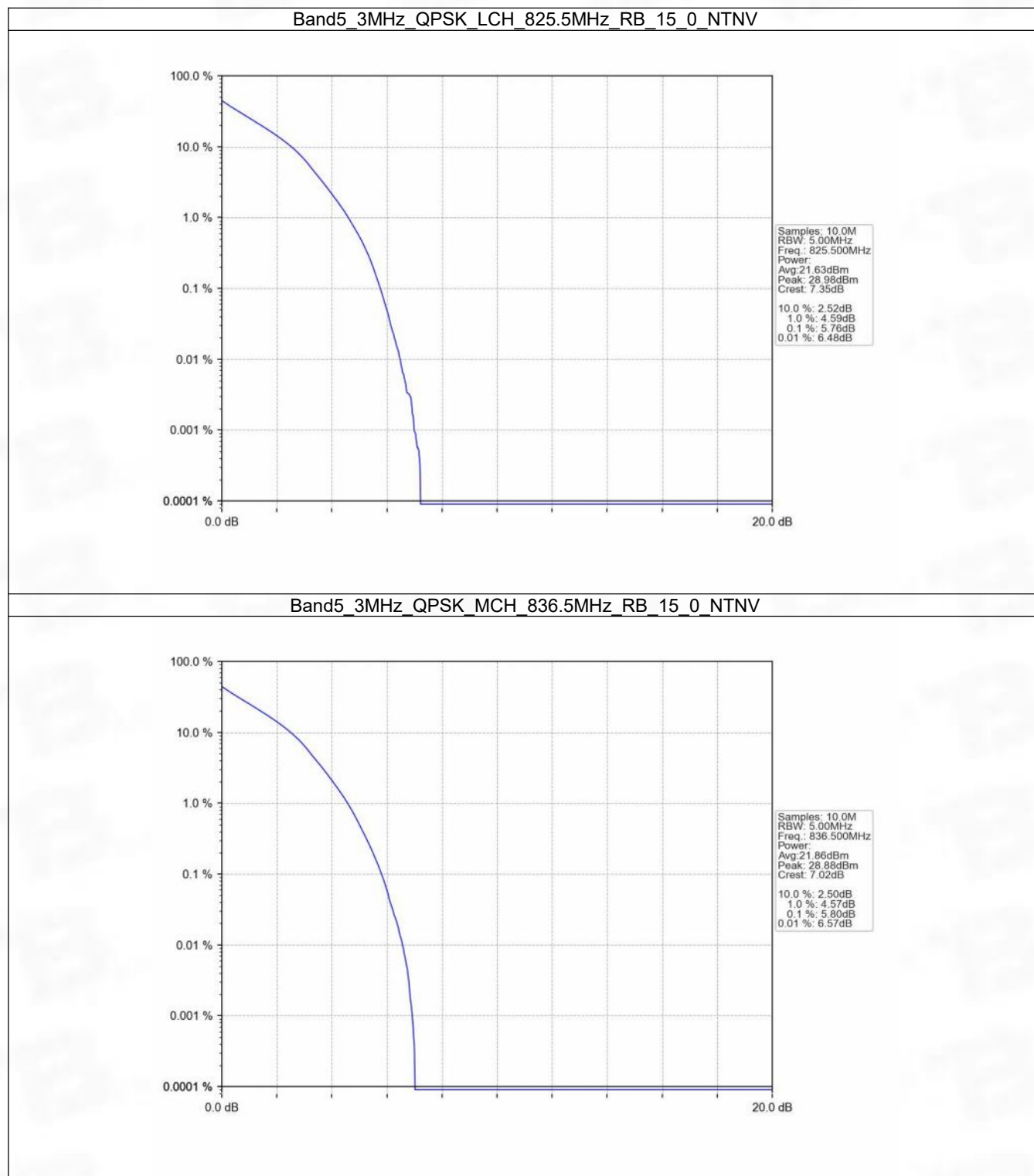
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



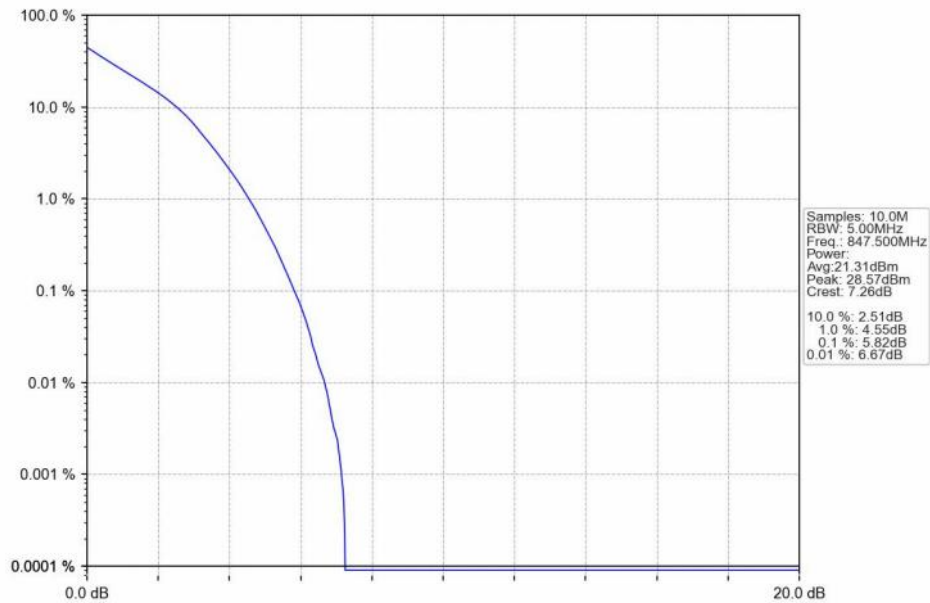
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



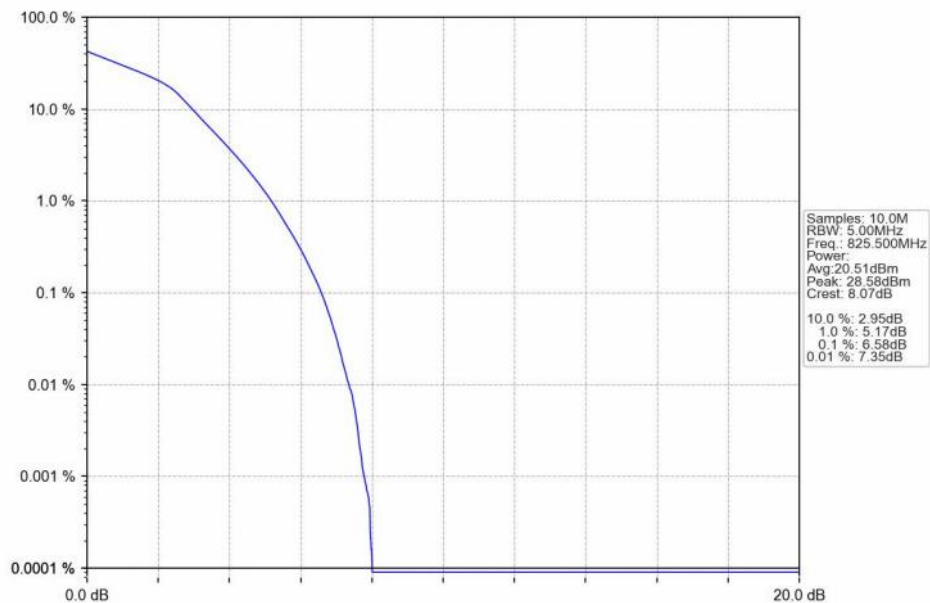
5.2.2 B5_3MHz



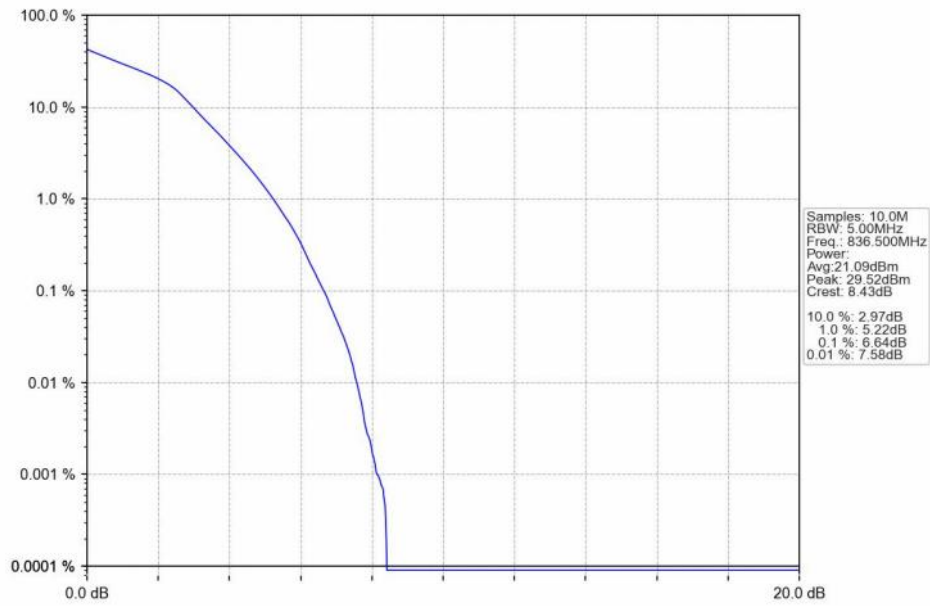
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



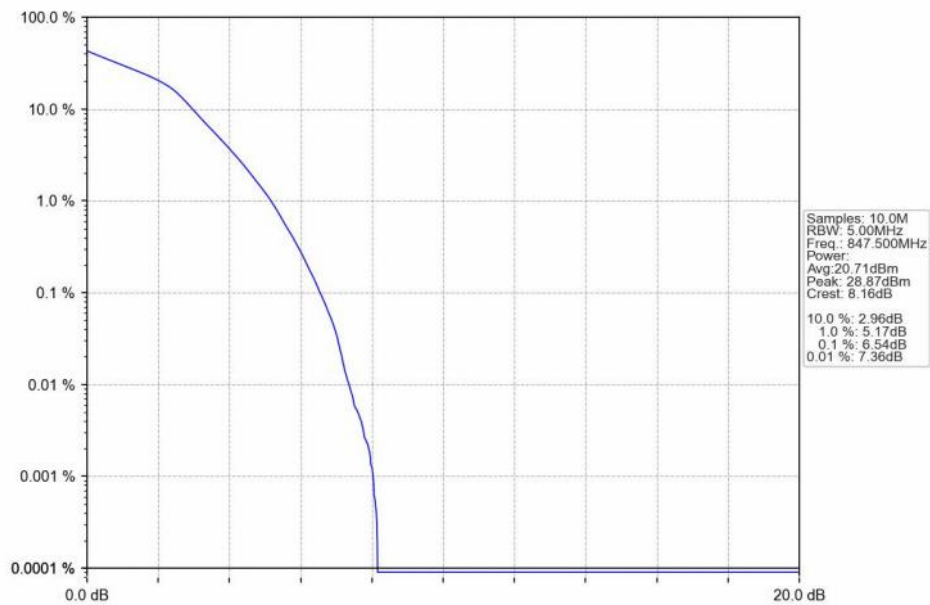
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



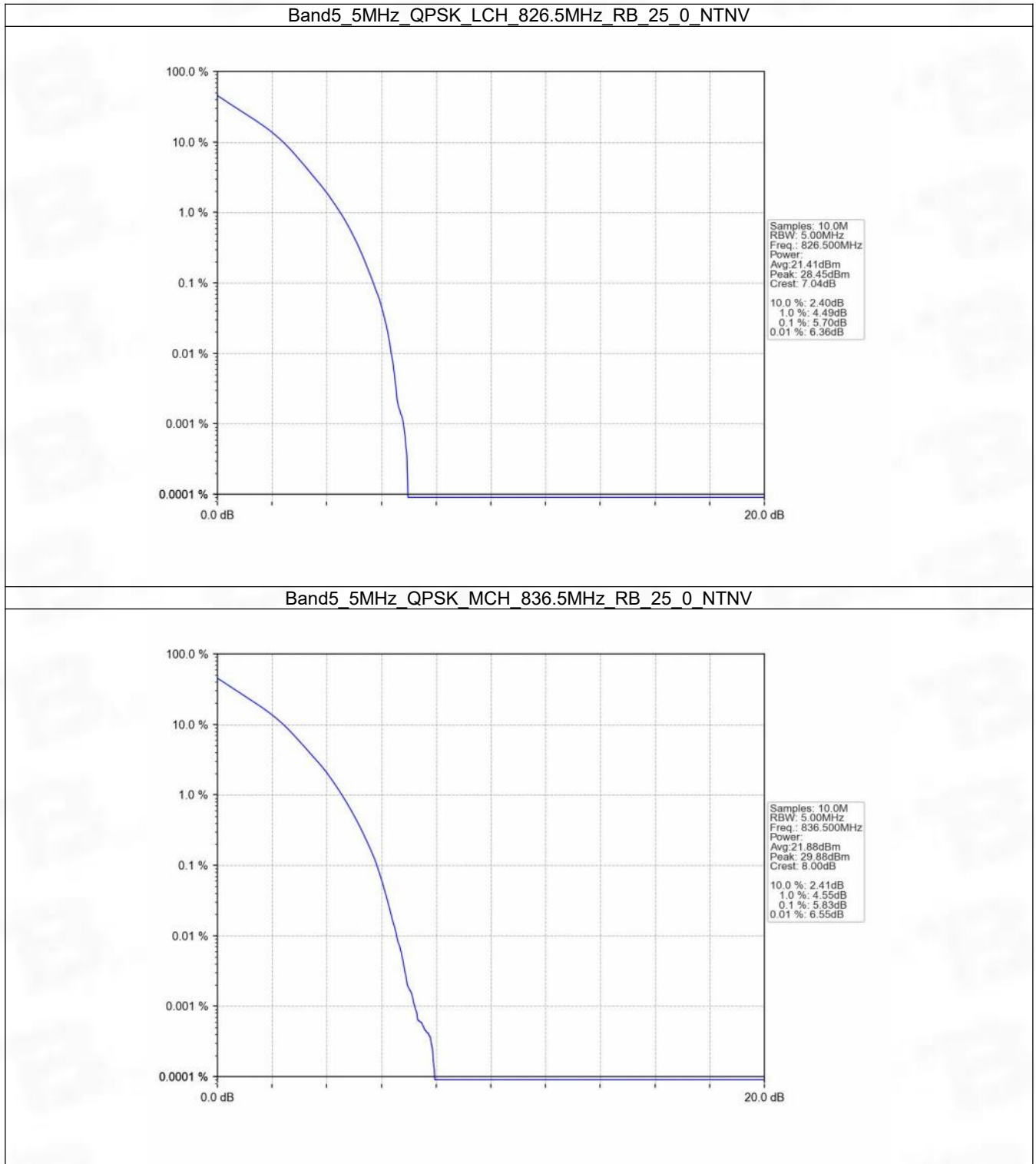
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



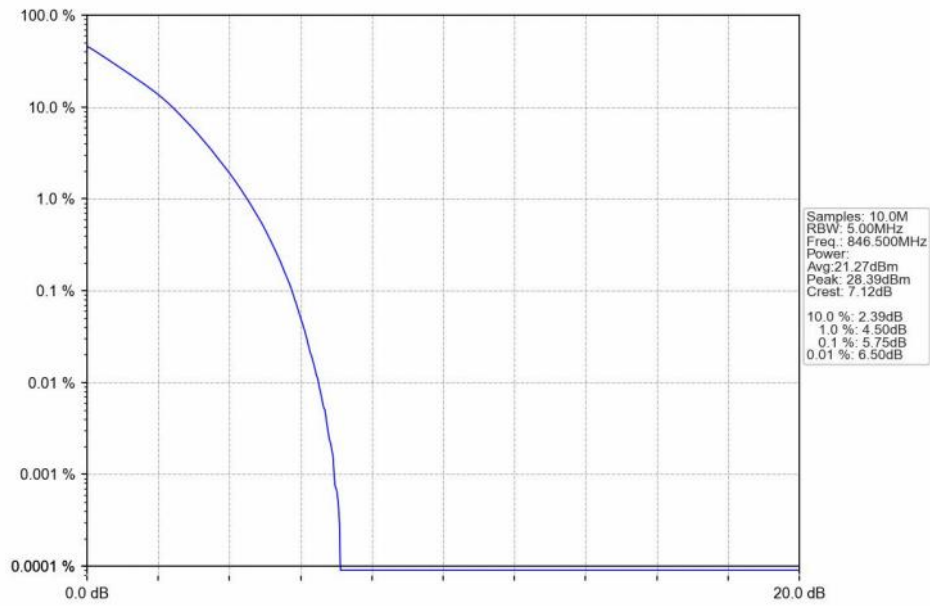
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



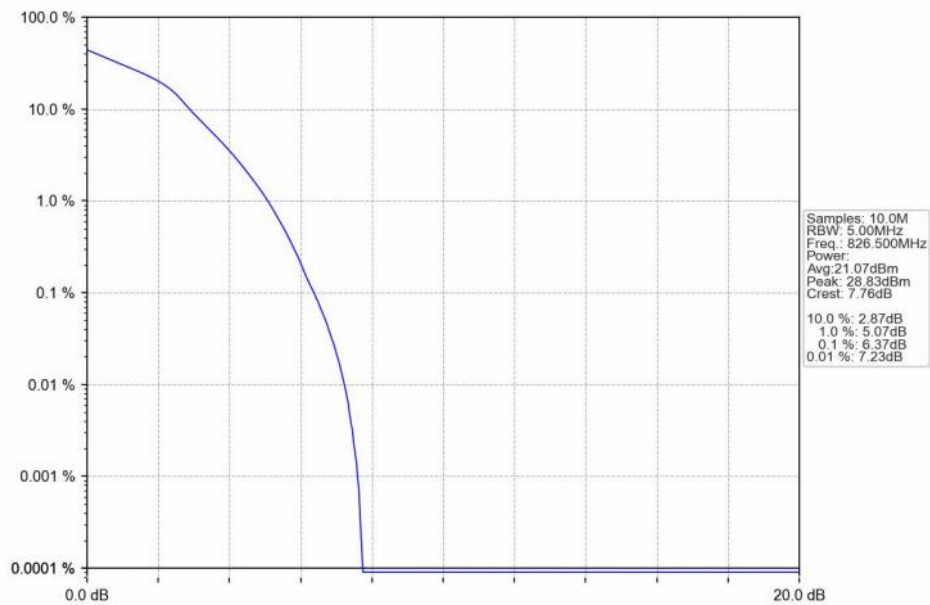
5.2.3 B5_5MHz



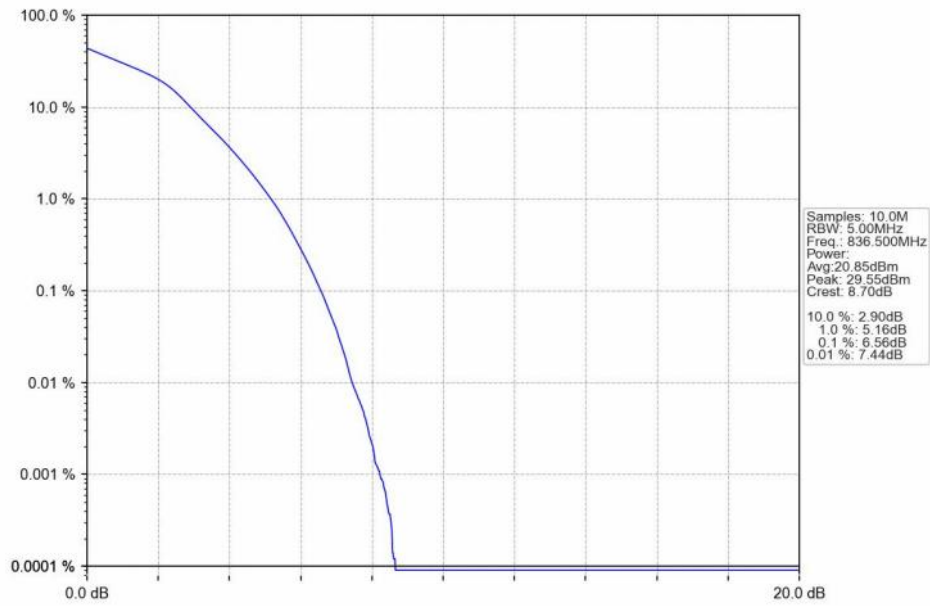
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



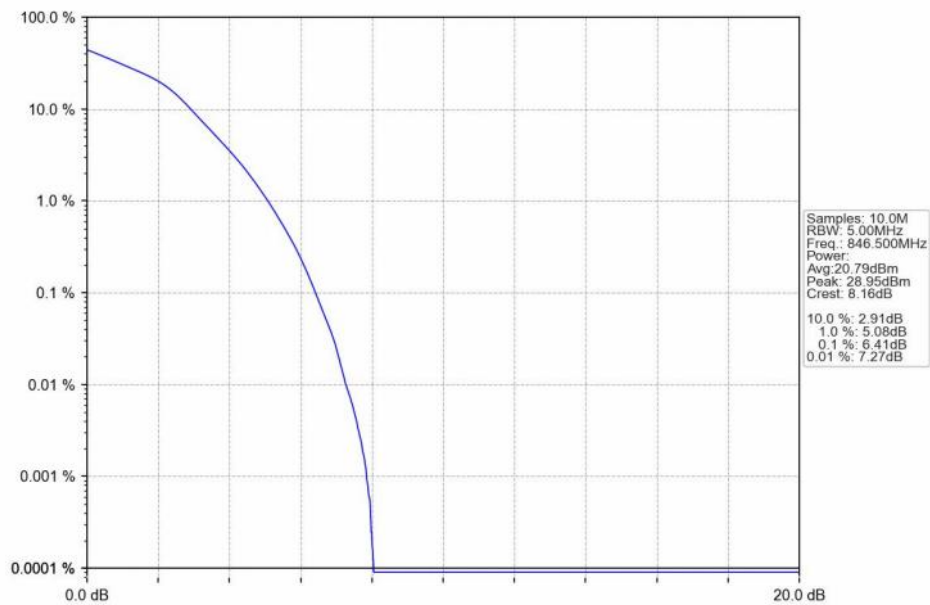
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



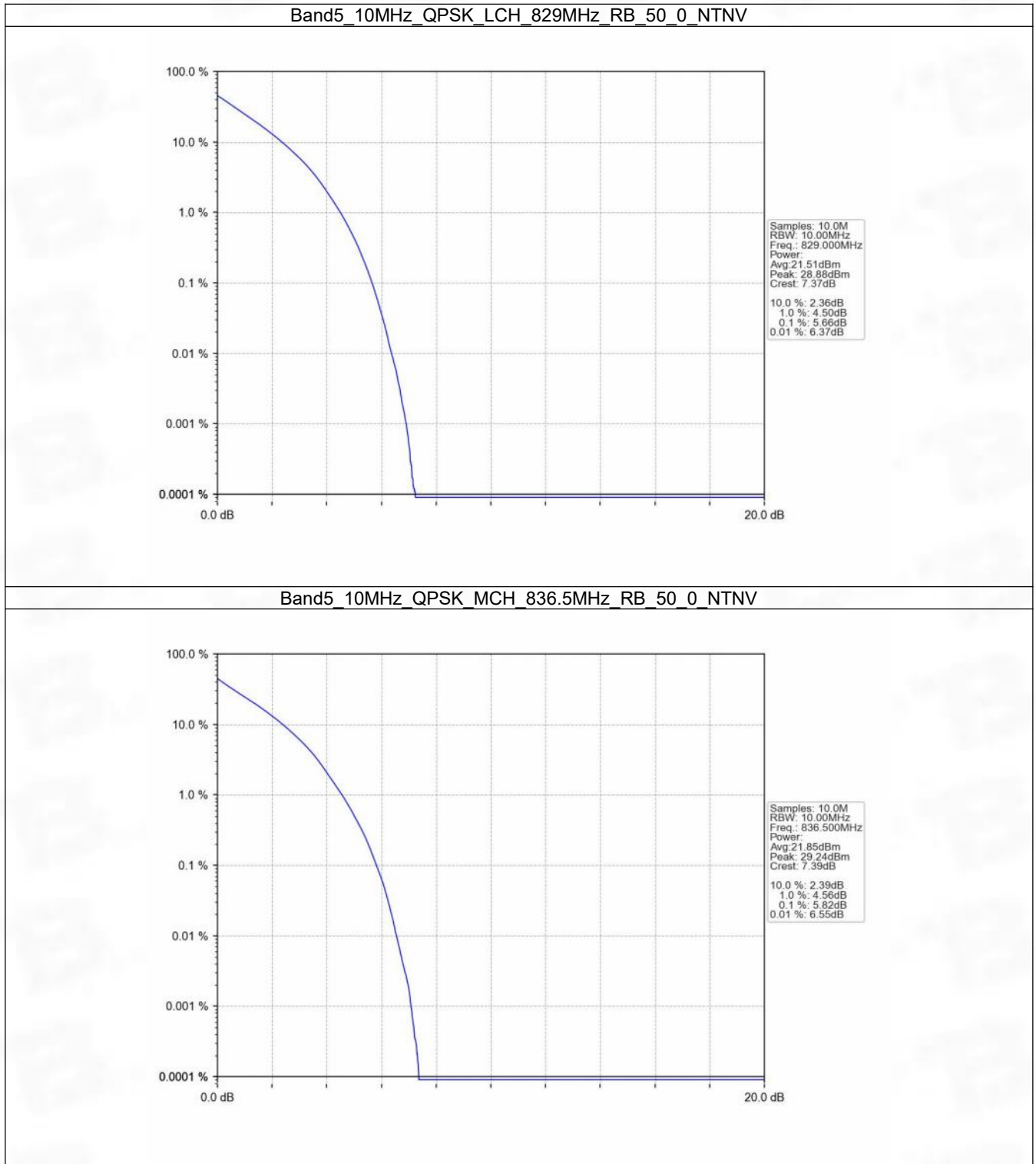
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



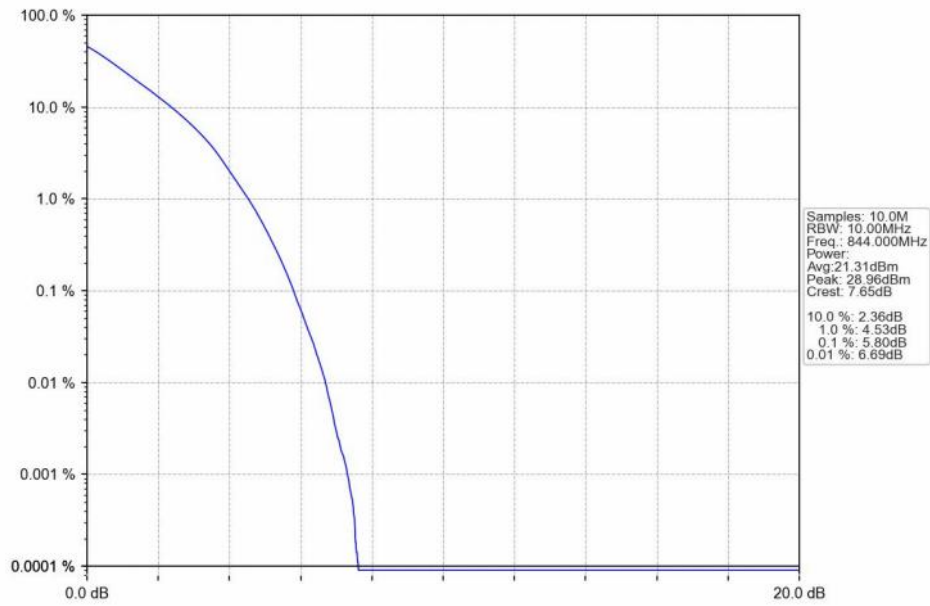
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



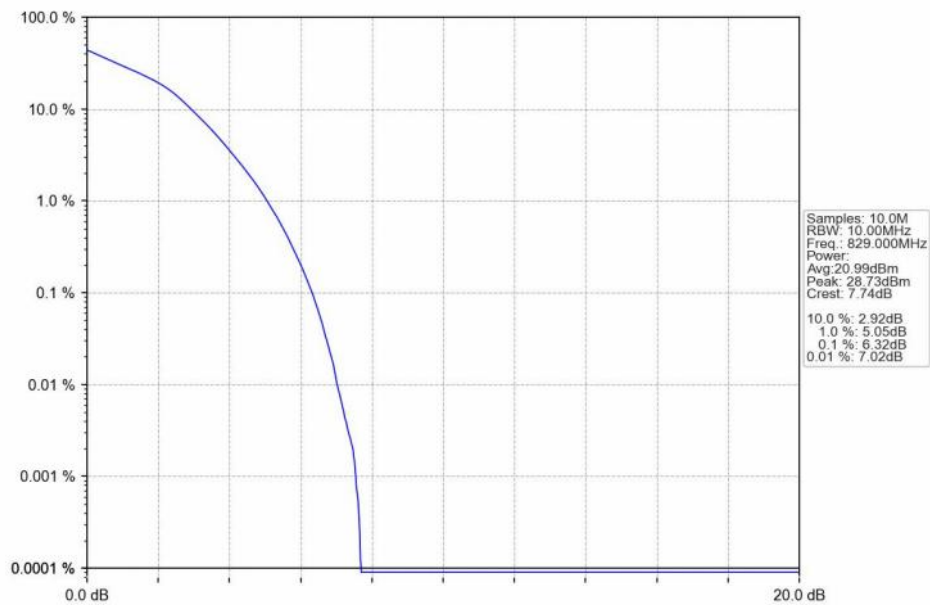
5.2.4 B5_10MHz



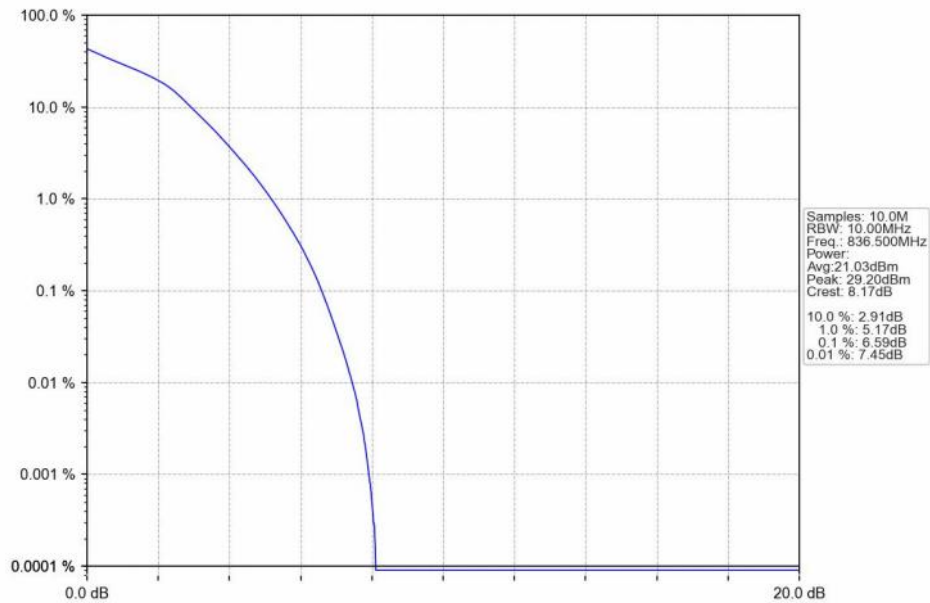
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



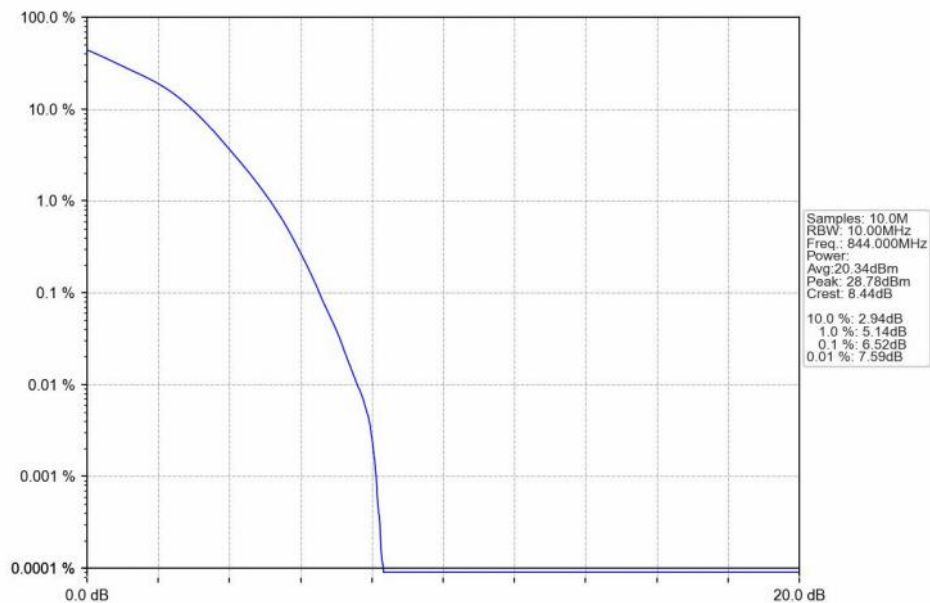
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	
		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

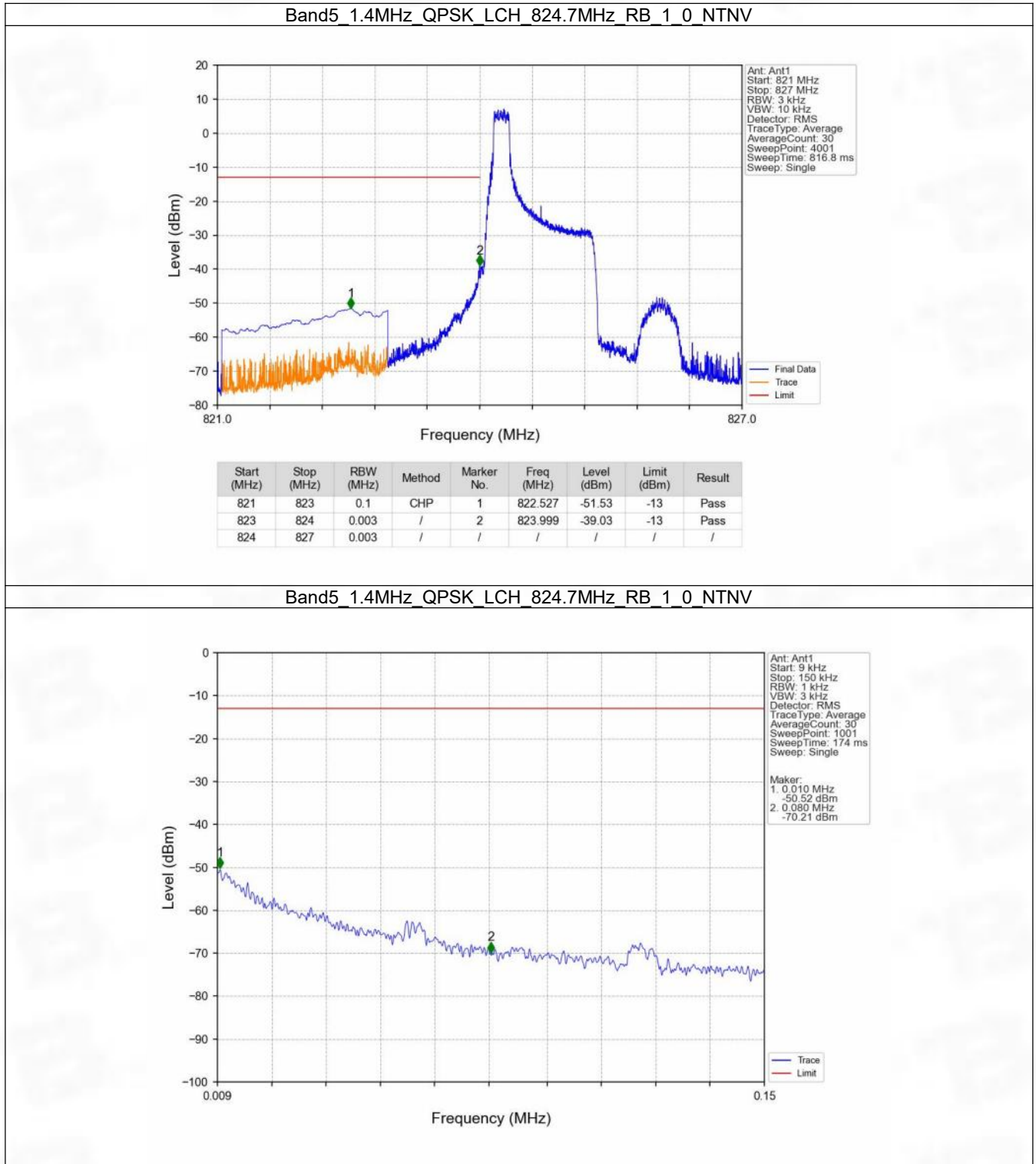
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

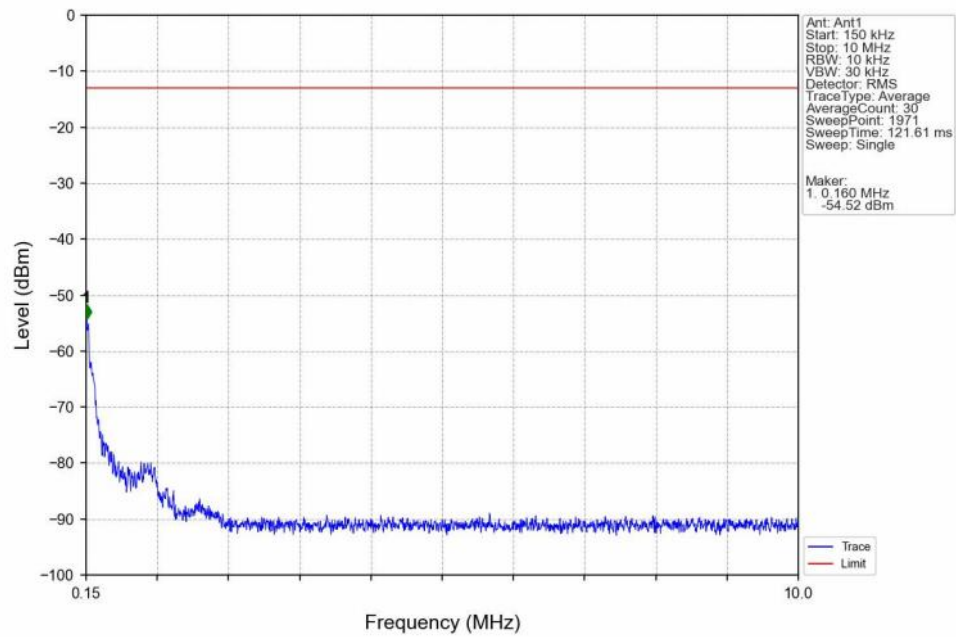
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

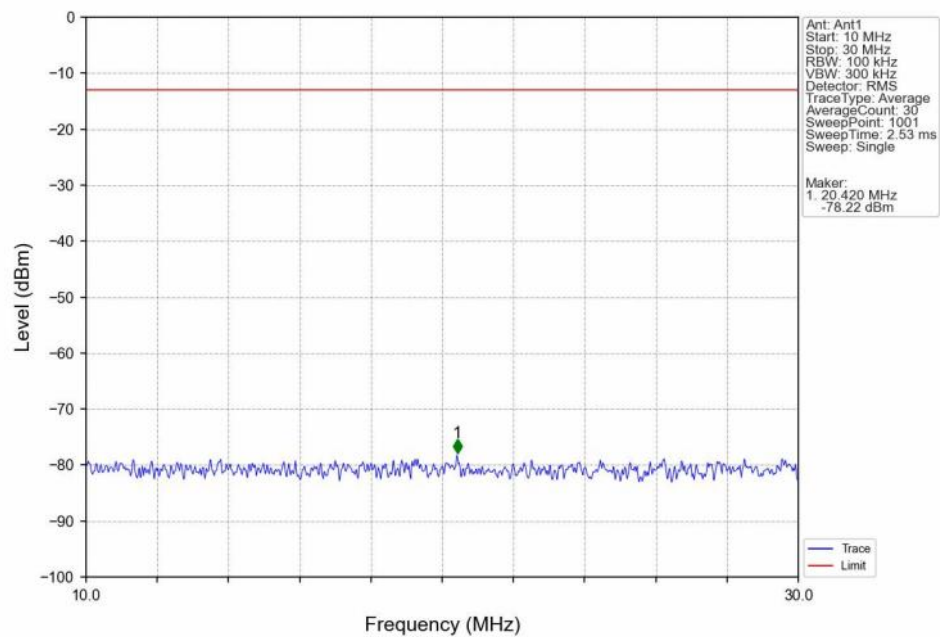
6.2.1 B5_1.4MHz



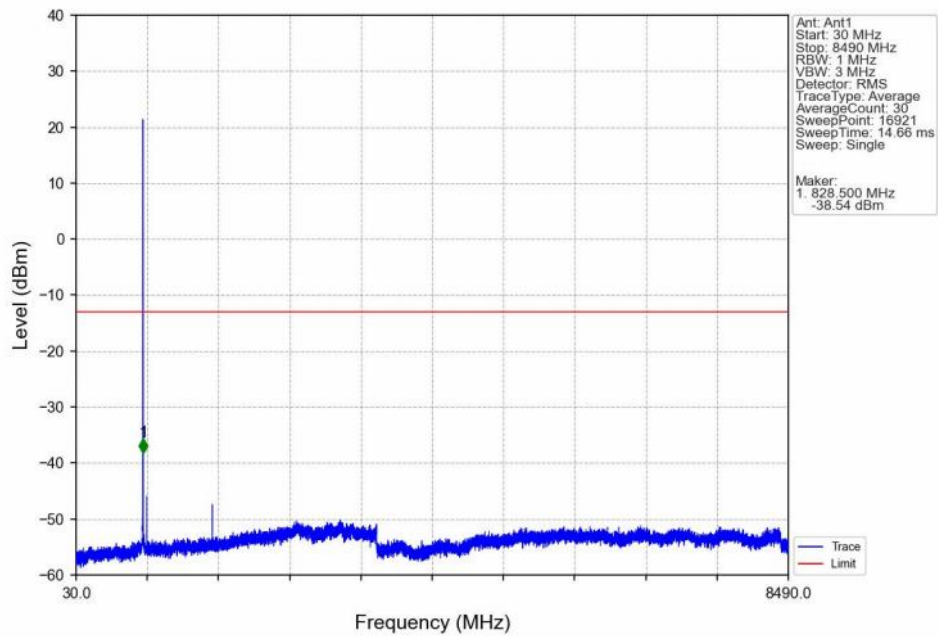
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



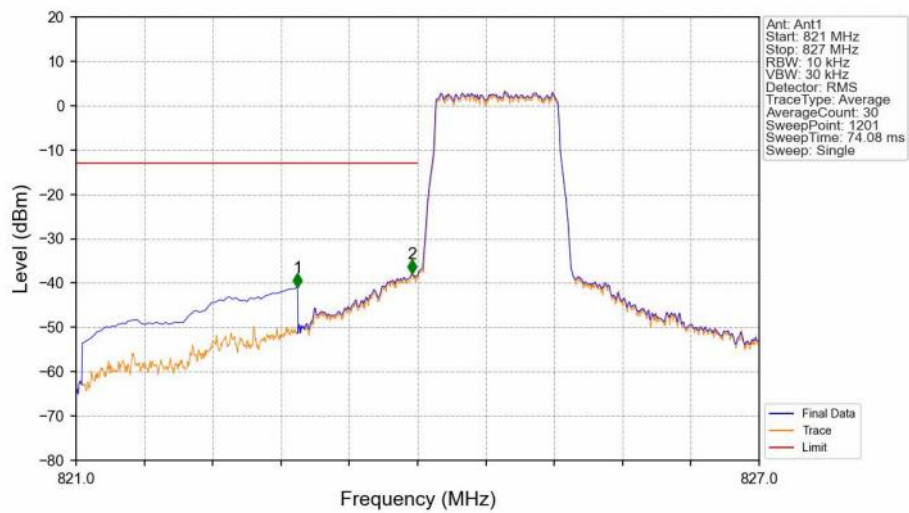
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

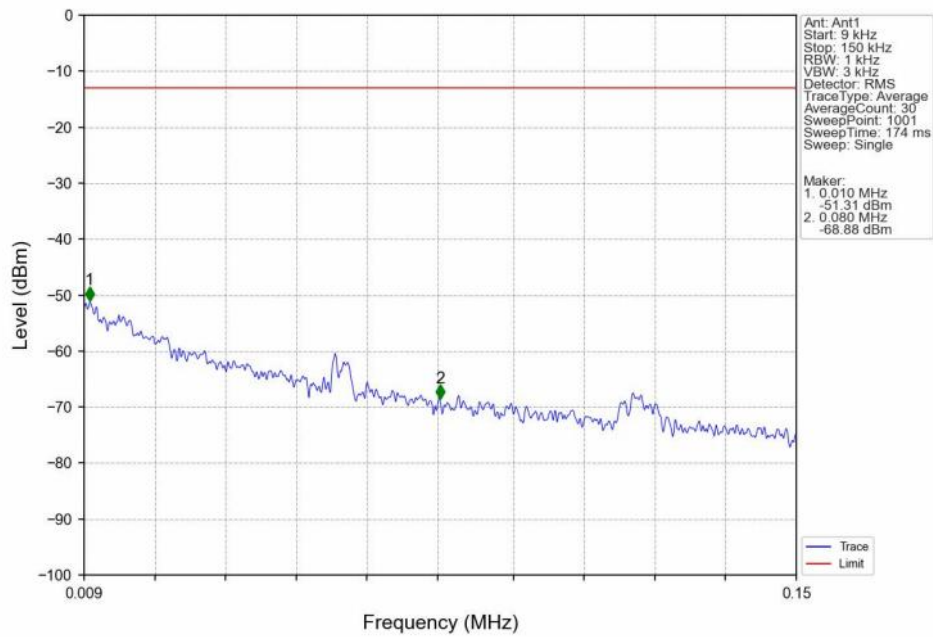


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-40.98	-13	Pass
823	824	0.013	CHP	2	823.950	-37.84	-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

