

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	22.10	-1.34	18.61	<=34.77	Pass
			2	22.13	-1.34	18.64	<=34.77	Pass
			5	22.24	-1.34	18.75	<=34.77	Pass
		3	0	22.26	-1.34	18.77	<=34.77	Pass
			2	22.22	-1.34	18.73	<=34.77	Pass
			3	22.21	-1.34	18.72	<=34.77	Pass
		6	0	21.11	-1.34	17.62	<=34.77	Pass
	836.5	1	0	22.14	-1.34	18.65	<=34.77	Pass
			2	22.19	-1.34	18.70	<=34.77	Pass
			5	22.18	-1.34	18.69	<=34.77	Pass
		3	0	22.18	-1.34	18.69	<=34.77	Pass
			2	22.17	-1.34	18.68	<=34.77	Pass
			3	22.22	-1.34	18.73	<=34.77	Pass
		6	0	21.24	-1.34	17.75	<=34.77	Pass
	848.3	1	0	22.20	-1.34	18.71	<=34.77	Pass
			2	22.26	-1.34	18.77	<=34.77	Pass
			5	22.27	-1.34	18.78	<=34.77	Pass
		3	0	22.19	-1.34	18.70	<=34.77	Pass
			2	22.16	-1.34	18.67	<=34.77	Pass
			3	22.18	-1.34	18.69	<=34.77	Pass
		6	0	21.27	-1.34	17.78	<=34.77	Pass
16QAM	824.7	1	0	21.16	-1.34	17.67	<=34.77	Pass
			2	21.10	-1.34	17.61	<=34.77	Pass
			5	21.15	-1.34	17.66	<=34.77	Pass
		3	0	20.92	-1.34	17.43	<=34.77	Pass
			2	20.86	-1.34	17.37	<=34.77	Pass
			3	20.86	-1.34	17.37	<=34.77	Pass
		6	0	20.38	-1.34	16.89	<=34.77	Pass
	836.5	1	0	21.21	-1.34	17.72	<=34.77	Pass
			2	21.18	-1.34	17.69	<=34.77	Pass
			5	21.23	-1.34	17.74	<=34.77	Pass
		3	0	21.06	-1.34	17.57	<=34.77	Pass
			2	20.99	-1.34	17.50	<=34.77	Pass
			3	20.93	-1.34	17.44	<=34.77	Pass
		6	0	20.38	-1.34	16.89	<=34.77	Pass
	848.3	1	0	22.32	-1.34	18.83	<=34.77	Pass
			2	22.40	-1.34	18.91	<=34.77	Pass
			5	22.44	-1.34	18.95	<=34.77	Pass
		3	0	21.06	-1.34	17.57	<=34.77	Pass
			2	21.21	-1.34	17.72	<=34.77	Pass
			3	21.20	-1.34	17.71	<=34.77	Pass
		6	0	20.40	-1.34	16.91	<=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	22.17	-1.34	18.68	<=34.77	Pass	
			7	22.27	-1.34	18.78	<=34.77	Pass	
			14	22.23	-1.34	18.74	<=34.77	Pass	
		8	0	21.19	-1.34	17.70	<=34.77	Pass	
			4	21.14	-1.34	17.65	<=34.77	Pass	
			7	21.15	-1.34	17.66	<=34.77	Pass	
		15	0	21.24	-1.34	17.75	<=34.77	Pass	
		836.5	1	0	22.12	-1.34	18.63	<=34.77	Pass
				7	22.25	-1.34	18.76	<=34.77	Pass
	14			22.18	-1.34	18.69	<=34.77	Pass	
	8		0	21.26	-1.34	17.77	<=34.77	Pass	
			4	21.24	-1.34	17.75	<=34.77	Pass	
			7	21.12	-1.34	17.63	<=34.77	Pass	
	15	0	21.20	-1.34	17.71	<=34.77	Pass		
	847.5	1	0	22.13	-1.34	18.64	<=34.77	Pass	
			7	22.17	-1.34	18.68	<=34.77	Pass	
			14	22.18	-1.34	18.69	<=34.77	Pass	
		8	0	21.20	-1.34	17.71	<=34.77	Pass	
			4	21.21	-1.34	17.72	<=34.77	Pass	
			7	21.38	-1.34	17.89	<=34.77	Pass	
		15	0	21.23	-1.34	17.74	<=34.77	Pass	
16QAM		825.5	1	0	21.20	-1.34	17.71	<=34.77	Pass
				7	21.18	-1.34	17.69	<=34.77	Pass
	14			21.11	-1.34	17.62	<=34.77	Pass	
	8		0	20.49	-1.34	17.00	<=34.77	Pass	
			4	20.55	-1.34	17.06	<=34.77	Pass	
			7	20.90	-1.34	17.41	<=34.77	Pass	
	15		0	20.33	-1.34	16.84	<=34.77	Pass	
	836.5		1	0	21.83	-1.34	18.34	<=34.77	Pass
				7	21.81	-1.34	18.32	<=34.77	Pass
		14		21.77	-1.34	18.28	<=34.77	Pass	
		8	0	20.75	-1.34	17.26	<=34.77	Pass	
			4	20.37	-1.34	16.88	<=34.77	Pass	
			7	20.41	-1.34	16.92	<=34.77	Pass	
	15	0	20.38	-1.34	16.89	<=34.77	Pass		
	847.5	1	0	22.08	-1.34	18.59	<=34.77	Pass	
			7	22.07	-1.34	18.58	<=34.77	Pass	
			14	22.10	-1.34	18.61	<=34.77	Pass	
		8	0	21.04	-1.34	17.55	<=34.77	Pass	
			4	21.03	-1.34	17.54	<=34.77	Pass	
			7	20.60	-1.34	17.11	<=34.77	Pass	
		15	0	20.84	-1.34	17.35	<=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	22.18	-1.34	18.69	<=34.77	Pass
			13	22.12	-1.34	18.63	<=34.77	Pass
			24	22.13	-1.34	18.64	<=34.77	Pass
		12	0	21.15	-1.34	17.66	<=34.77	Pass
			6	21.11	-1.34	17.62	<=34.77	Pass
			13	21.16	-1.34	17.67	<=34.77	Pass

16QAM	836.5	25	0	21.17	-1.34	17.68	<=34.77	Pass
			0	22.11	-1.34	18.62	<=34.77	Pass
			13	22.12	-1.34	18.63	<=34.77	Pass
		12	24	22.21	-1.34	18.72	<=34.77	Pass
			0	21.25	-1.34	17.76	<=34.77	Pass
			6	21.26	-1.34	17.77	<=34.77	Pass
			13	21.19	-1.34	17.70	<=34.77	Pass
		25	0	21.15	-1.34	17.66	<=34.77	Pass
			0	22.20	-1.34	18.71	<=34.77	Pass
	846.5	1	13	22.15	-1.34	18.66	<=34.77	Pass
			24	22.10	-1.34	18.61	<=34.77	Pass
			0	21.25	-1.34	17.76	<=34.77	Pass
		12	6	21.20	-1.34	17.71	<=34.77	Pass
			13	21.20	-1.34	17.71	<=34.77	Pass
			25	21.17	-1.34	17.68	<=34.77	Pass
		25	0	21.17	-1.34	17.68	<=34.77	Pass
			0	21.61	-1.34	18.12	<=34.77	Pass
			13	21.58	-1.34	18.09	<=34.77	Pass
16QAM	826.5	1	24	21.84	-1.34	18.35	<=34.77	Pass
			0	20.29	-1.34	16.80	<=34.77	Pass
			6	20.76	-1.34	17.27	<=34.77	Pass
		12	13	20.69	-1.34	17.20	<=34.77	Pass
			0	20.75	-1.34	17.26	<=34.77	Pass
			25	20.75	-1.34	17.26	<=34.77	Pass
		25	0	20.75	-1.34	17.26	<=34.77	Pass
			0	21.58	-1.34	18.09	<=34.77	Pass
			13	21.58	-1.34	18.09	<=34.77	Pass
	836.5	1	24	21.57	-1.34	18.08	<=34.77	Pass
			0	20.60	-1.34	17.11	<=34.77	Pass
			6	20.02	-1.34	16.53	<=34.77	Pass
		12	13	20.12	-1.34	16.63	<=34.77	Pass
			0	20.23	-1.34	16.74	<=34.77	Pass
			25	20.23	-1.34	16.74	<=34.77	Pass
		25	0	20.23	-1.34	16.74	<=34.77	Pass
			0	21.86	-1.34	18.37	<=34.77	Pass
			13	21.75	-1.34	18.26	<=34.77	Pass
	846.5	1	24	21.87	-1.34	18.38	<=34.77	Pass
			0	20.79	-1.34	17.30	<=34.77	Pass
			6	20.77	-1.34	17.28	<=34.77	Pass
		12	13	20.78	-1.34	17.29	<=34.77	Pass
			25	20.75	-1.34	17.26	<=34.77	Pass
			0	20.75	-1.34	17.26	<=34.77	Pass
		25	0	20.75	-1.34	17.26	<=34.77	Pass
			0	20.75	-1.34	17.26	<=34.77	Pass
			25	20.75	-1.34	17.26	<=34.77	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	22.01	-1.34	18.52	<=34.77	Pass
			25	22.10	-1.34	18.61	<=34.77	Pass
			49	22.18	-1.34	18.69	<=34.77	Pass
		25	0	21.15	-1.34	17.66	<=34.77	Pass
			13	21.29	-1.34	17.80	<=34.77	Pass
			25	21.32	-1.34	17.83	<=34.77	Pass
		50	0	21.30	-1.34	17.81	<=34.77	Pass
			0	22.42	-1.34	18.93	<=34.77	Pass
			25	22.21	-1.34	18.72	<=34.77	Pass
	836.5	1	49	22.40	-1.34	18.91	<=34.77	Pass
			0	21.00	-1.34	17.51	<=34.77	Pass
			13	21.22	-1.34	17.73	<=34.77	Pass
		25	25	21.30	-1.34	17.81	<=34.77	Pass
			0	21.25	-1.34	17.76	<=34.77	Pass
			25	21.25	-1.34	17.76	<=34.77	Pass
		50	0	21.25	-1.34	17.76	<=34.77	Pass
			0	22.01	-1.34	18.52	<=34.77	Pass
			25	22.01	-1.34	18.52	<=34.77	Pass

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		25	25	21.95	-1.34	18.46	<=34.77	Pass	
			49	22.12	-1.34	18.63	<=34.77	Pass	
			25	0	21.21	-1.34	17.72	<=34.77	Pass
				13	21.16	-1.34	17.67	<=34.77	Pass
				25	21.25	-1.34	17.76	<=34.77	Pass
			50	0	21.12	-1.34	17.63	<=34.77	Pass
16QAM	829	1	0	21.43	-1.34	17.94	<=34.77	Pass	
			25	21.59	-1.34	18.10	<=34.77	Pass	
			49	21.43	-1.34	17.94	<=34.77	Pass	
		25	0	20.83	-1.34	17.34	<=34.77	Pass	
			13	20.55	-1.34	17.06	<=34.77	Pass	
			25	20.38	-1.34	16.89	<=34.77	Pass	
		50	0	20.33	-1.34	16.84	<=34.77	Pass	
	836.5	1	0	22.50	-1.34	19.01	<=34.77	Pass	
			25	21.83	-1.34	18.34	<=34.77	Pass	
			49	21.85	-1.34	18.36	<=34.77	Pass	
		25	0	20.85	-1.34	17.36	<=34.77	Pass	
			13	20.51	-1.34	17.02	<=34.77	Pass	
			25	20.50	-1.34	17.01	<=34.77	Pass	
		50	0	20.61	-1.34	17.12	<=34.77	Pass	
	844	1	0	21.81	-1.34	18.32	<=34.77	Pass	
			25	21.81	-1.34	18.32	<=34.77	Pass	
			49	21.99	-1.34	18.50	<=34.77	Pass	
		25	0	20.28	-1.34	16.79	<=34.77	Pass	
			13	20.23	-1.34	16.74	<=34.77	Pass	
			25	20.80	-1.34	17.31	<=34.77	Pass	
		50	0	20.19	-1.34	16.70	<=34.77	Pass	
	Note1: ERP=Conducted Power+Antenna Gain-2 15								

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	-31.371	-0.0380	-2.5 to 2.5	Pass
					3.85	-18.139	-0.0220	-2.5 to 2.5	Pass
					4.43	-21.429	-0.0260	-2.5 to 2.5	Pass
				-30	3.85	-23.518	-0.0285	-2.5 to 2.5	Pass
				-20	3.85	-12.546	-0.0152	-2.5 to 2.5	Pass
				-10	3.85	-13.962	-0.0169	-2.5 to 2.5	Pass
				0	3.85	-31.242	-0.0379	-2.5 to 2.5	Pass
				10	3.85	-28.296	-0.0343	-2.5 to 2.5	Pass
				30	3.85	-44.446	-0.0539	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				50	3.85	0.873	0.0011	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	2.861	0.0034	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
					4.43	-7.110	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-11.315	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-14.462	-0.0173	-2.5 to 2.5	Pass
				-10	3.85	-19.012	-0.0227	-2.5 to 2.5	Pass
				0	3.85	-22.860	-0.0273	-2.5 to 2.5	Pass

	848.3	6	0	10	3.85	-26.178	-0.0313	-2.5 to 2.5	Pass
				30	3.85	-29.368	-0.0351	-2.5 to 2.5	Pass
				40	3.85	-33.903	-0.0405	-2.5 to 2.5	Pass
				50	3.85	-35.505	-0.0424	-2.5 to 2.5	Pass
				20	3.27	-3.304	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0053	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.390	-0.0040	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.372	-0.0004	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-34.590	-0.0419	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0105	-2.5 to 2.5	Pass
					4.43	-29.068	-0.0352	-2.5 to 2.5	Pass
				-30	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-16.494	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-31.171	-0.0378	-2.5 to 2.5	Pass
				0	3.85	-42.515	-0.0516	-2.5 to 2.5	Pass
				10	3.85	-5.035	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-20.041	-0.0243	-2.5 to 2.5	Pass
				40	3.85	-28.267	-0.0343	-2.5 to 2.5	Pass
				50	3.85	-37.980	-0.0461	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-37.265	-0.0445	-2.5 to 2.5	Pass
					3.85	-39.811	-0.0476	-2.5 to 2.5	Pass
					4.43	-39.039	-0.0467	-2.5 to 2.5	Pass
				-30	3.85	-40.412	-0.0483	-2.5 to 2.5	Pass
				-20	3.85	-42.930	-0.0513	-2.5 to 2.5	Pass
				-10	3.85	-41.828	-0.0500	-2.5 to 2.5	Pass
				0	3.85	-43.988	-0.0526	-2.5 to 2.5	Pass
				10	3.85	-44.532	-0.0532	-2.5 to 2.5	Pass
				30	3.85	-44.775	-0.0535	-2.5 to 2.5	Pass
				40	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-4.892	-0.0058	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	4.649	0.0055	-2.5 to 2.5	Pass
					3.85	1.087	0.0013	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.951	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-6.895	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-7.153	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-6.766	-0.0080	-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	-1.616	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	4.148	0.0050	-2.5 to 2.5	Pass

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				-20	3.85	9.098	0.0110	-2.5 to 2.5	Pass
				-10	3.85	12.903	0.0156	-2.5 to 2.5	Pass
				0	3.85	18.010	0.0218	-2.5 to 2.5	Pass
				10	3.85	22.473	0.0272	-2.5 to 2.5	Pass
				30	3.85	23.675	0.0287	-2.5 to 2.5	Pass
				40	3.85	28.496	0.0345	-2.5 to 2.5	Pass
				50	3.85	33.460	0.0405	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.905	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.922	-0.0071	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-3.877	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.104	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.702	0.0020	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-8.283	-0.0098	-2.5 to 2.5	Pass
					3.85	0.687	0.0008	-2.5 to 2.5	Pass
					4.43	11.444	0.0135	-2.5 to 2.5	Pass
				-30	3.85	18.110	0.0214	-2.5 to 2.5	Pass
				-20	3.85	23.689	0.0280	-2.5 to 2.5	Pass
				-10	3.85	29.297	0.0346	-2.5 to 2.5	Pass
				0	3.85	33.216	0.0392	-2.5 to 2.5	Pass
				10	3.85	40.140	0.0474	-2.5 to 2.5	Pass
				30	3.85	43.960	0.0519	-2.5 to 2.5	Pass
				40	3.85	7.024	0.0083	-2.5 to 2.5	Pass
				50	3.85	9.212	0.0109	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	38.323	0.0464	-2.5 to 2.5	Pass
					3.85	37.136	0.0450	-2.5 to 2.5	Pass
					4.43	33.903	0.0411	-2.5 to 2.5	Pass
				-30	3.85	32.530	0.0394	-2.5 to 2.5	Pass
				-20	3.85	31.829	0.0386	-2.5 to 2.5	Pass
				-10	3.85	31.414	0.0381	-2.5 to 2.5	Pass
				0	3.85	31.672	0.0384	-2.5 to 2.5	Pass
				10	3.85	32.258	0.0391	-2.5 to 2.5	Pass
				30	3.85	31.657	0.0383	-2.5 to 2.5	Pass
				40	3.85	32.043	0.0388	-2.5 to 2.5	Pass
				50	3.85	32.959	0.0399	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	1.888	0.0023	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-7.153	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-7.782	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-10.972	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-9.899	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-9.756	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-10.586	-0.0127	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	12.689	0.0150	-2.5 to 2.5	Pass
					3.85	6.437	0.0076	-2.5 to 2.5	Pass
					4.43	4.549	0.0054	-2.5 to 2.5	Pass
				-30	3.85	2.775	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.473	0.0017	-2.5 to 2.5	Pass

				30	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0016	-2.5 to 2.5	Pass
				50	3.85	4.892	0.0058	-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	5.264	0.0064	-2.5 to 2.5	Pass
					3.85	15.578	0.0188	-2.5 to 2.5	Pass
					4.43	26.464	0.0320	-2.5 to 2.5	Pass
				-30	3.85	37.408	0.0453	-2.5 to 2.5	Pass
				-20	3.85	45.791	0.0554	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				0	3.85	7.496	0.0091	-2.5 to 2.5	Pass
				10	3.85	15.464	0.0187	-2.5 to 2.5	Pass
				30	3.85	20.971	0.0254	-2.5 to 2.5	Pass
				40	3.85	22.717	0.0275	-2.5 to 2.5	Pass
				50	3.85	28.210	0.0341	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-2.246	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0060	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.688	0.0020	-2.5 to 2.5	Pass
				0	3.85	3.519	0.0042	-2.5 to 2.5	Pass
				10	3.85	5.808	0.0069	-2.5 to 2.5	Pass
				30	3.85	8.426	0.0101	-2.5 to 2.5	Pass
				40	3.85	7.682	0.0092	-2.5 to 2.5	Pass
				50	3.85	10.471	0.0125	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-10.142	-0.0120	-2.5 to 2.5	Pass
					3.85	0.072	0.0001	-2.5 to 2.5	Pass
					4.43	11.172	0.0132	-2.5 to 2.5	Pass
				-30	3.85	23.417	0.0277	-2.5 to 2.5	Pass
				-20	3.85	32.001	0.0378	-2.5 to 2.5	Pass
				-10	3.85	33.331	0.0394	-2.5 to 2.5	Pass
				0	3.85	36.764	0.0434	-2.5 to 2.5	Pass
				10	3.85	40.026	0.0473	-2.5 to 2.5	Pass
				30	3.85	5.693	0.0067	-2.5 to 2.5	Pass
				40	3.85	10.972	0.0130	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	32.043	0.0388	-2.5 to 2.5	Pass
					3.85	35.319	0.0427	-2.5 to 2.5	Pass
					4.43	35.062	0.0424	-2.5 to 2.5	Pass
				-30	3.85	34.618	0.0419	-2.5 to 2.5	Pass
				-20	3.85	34.103	0.0413	-2.5 to 2.5	Pass
				-10	3.85	34.347	0.0416	-2.5 to 2.5	Pass
				0	3.85	37.265	0.0451	-2.5 to 2.5	Pass
				10	3.85	35.849	0.0434	-2.5 to 2.5	Pass
				30	3.85	36.950	0.0447	-2.5 to 2.5	Pass
				40	3.85	36.893	0.0446	-2.5 to 2.5	Pass
				50	3.85	39.854	0.0482	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	10.858	0.0130	-2.5 to 2.5	Pass
					3.85	4.263	0.0051	-2.5 to 2.5	Pass
					4.43	12.431	0.0149	-2.5 to 2.5	Pass
				-30	3.85	9.413	0.0113	-2.5 to 2.5	Pass
				-20	3.85	4.578	0.0055	-2.5 to 2.5	Pass

				-10	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.725	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-5.507	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.866	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-7.710	-0.0092	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	17.309	0.0204	-2.5 to 2.5	Pass
					3.85	13.318	0.0157	-2.5 to 2.5	Pass
					4.43	13.232	0.0156	-2.5 to 2.5	Pass
				-30	3.85	15.163	0.0179	-2.5 to 2.5	Pass
				-20	3.85	12.302	0.0145	-2.5 to 2.5	Pass
				-10	3.85	9.971	0.0118	-2.5 to 2.5	Pass
				0	3.85	7.653	0.0090	-2.5 to 2.5	Pass
				10	3.85	9.127	0.0108	-2.5 to 2.5	Pass
				30	3.85	10.300	0.0122	-2.5 to 2.5	Pass
				40	3.85	8.955	0.0106	-2.5 to 2.5	Pass
				50	3.85	6.280	0.0074	-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	5.937	0.0072	-2.5 to 2.5	Pass
					3.85	22.802	0.0275	-2.5 to 2.5	Pass
					4.43	40.884	0.0493	-2.5 to 2.5	Pass
				-30	3.85	4.263	0.0051	-2.5 to 2.5	Pass
				-20	3.85	15.507	0.0187	-2.5 to 2.5	Pass
				-10	3.85	27.180	0.0328	-2.5 to 2.5	Pass
				0	3.85	33.302	0.0402	-2.5 to 2.5	Pass
				10	3.85	37.780	0.0456	-2.5 to 2.5	Pass
				30	3.85	41.227	0.0497	-2.5 to 2.5	Pass
				40	3.85	42.286	0.0510	-2.5 to 2.5	Pass
				50	3.85	42.229	0.0509	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.067	-0.0084	-2.5 to 2.5	Pass
					3.85	0.458	0.0005	-2.5 to 2.5	Pass
					4.43	9.928	0.0119	-2.5 to 2.5	Pass
				-30	3.85	20.156	0.0241	-2.5 to 2.5	Pass
				-20	3.85	27.838	0.0333	-2.5 to 2.5	Pass
				-10	3.85	32.902	0.0393	-2.5 to 2.5	Pass
				0	3.85	37.894	0.0453	-2.5 to 2.5	Pass
				10	3.85	42.329	0.0506	-2.5 to 2.5	Pass
				30	3.85	43.745	0.0523	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
				50	3.85	2.232	0.0027	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-3.905	-0.0046	-2.5 to 2.5	Pass
					3.85	8.898	0.0105	-2.5 to 2.5	Pass
					4.43	23.160	0.0274	-2.5 to 2.5	Pass
				-30	3.85	37.322	0.0442	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	7.954	0.0094	-2.5 to 2.5	Pass
				0	3.85	13.733	0.0163	-2.5 to 2.5	Pass
				10	3.85	16.866	0.0200	-2.5 to 2.5	Pass
				30	3.85	22.459	0.0266	-2.5 to 2.5	Pass
				40	3.85	28.954	0.0343	-2.5 to 2.5	Pass
				50	3.85	31.815	0.0377	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	46.062	0.0556	-2.5 to 2.5	Pass
					3.85	37.179	0.0448	-2.5 to 2.5	Pass

					4.43	34.361	0.0414	-2.5 to 2.5	Pass
				-30	3.85	29.612	0.0357	-2.5 to 2.5	Pass
				-20	3.85	28.024	0.0338	-2.5 to 2.5	Pass
				-10	3.85	27.452	0.0331	-2.5 to 2.5	Pass
				0	3.85	25.606	0.0309	-2.5 to 2.5	Pass
				10	3.85	4.535	0.0055	-2.5 to 2.5	Pass
				30	3.85	7.725	0.0093	-2.5 to 2.5	Pass
				40	3.85	11.644	0.0140	-2.5 to 2.5	Pass
				50	3.85	14.062	0.0170	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	4.735	0.0057	-2.5 to 2.5	Pass
					3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.821	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-8.826	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-10.042	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-9.127	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-12.217	-0.0146	-2.5 to 2.5	Pass
				50	3.85	-14.219	-0.0170	-2.5 to 2.5	Pass
	844	50	0	20	3.27	36.149	0.0428	-2.5 to 2.5	Pass
					3.85	24.147	0.0286	-2.5 to 2.5	Pass
					4.43	18.125	0.0215	-2.5 to 2.5	Pass
				-30	3.85	6.723	0.0080	-2.5 to 2.5	Pass
				-20	3.85	3.519	0.0042	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-8.211	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-7.424	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-11.258	-0.0133	-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

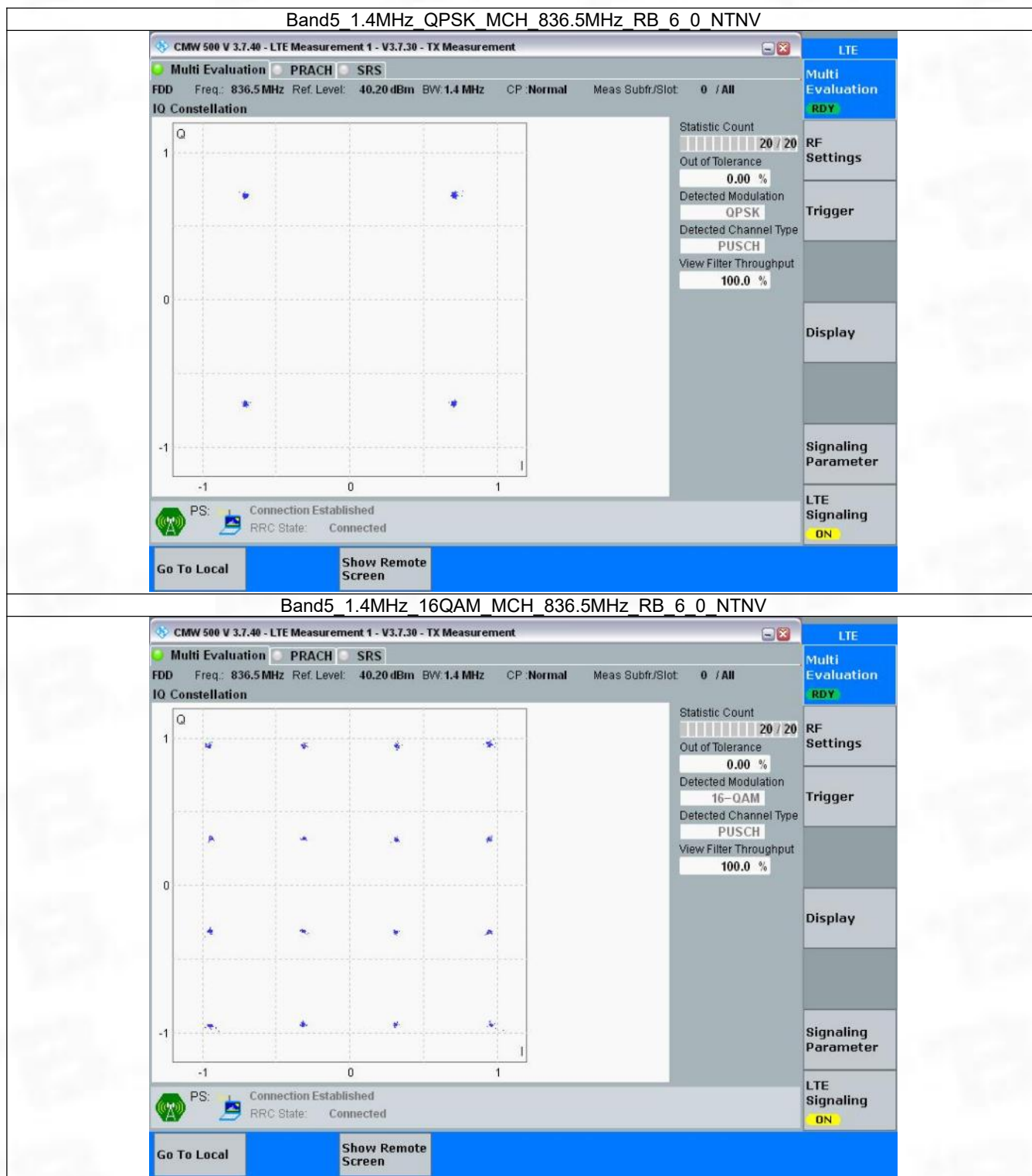
Band: 5 / Bandwidth: 5MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	836.5	25	0	Refer To Test Graph	
16QAM	836.5	25	0	Refer To Test Graph	

3.1.4 B5_10MHz

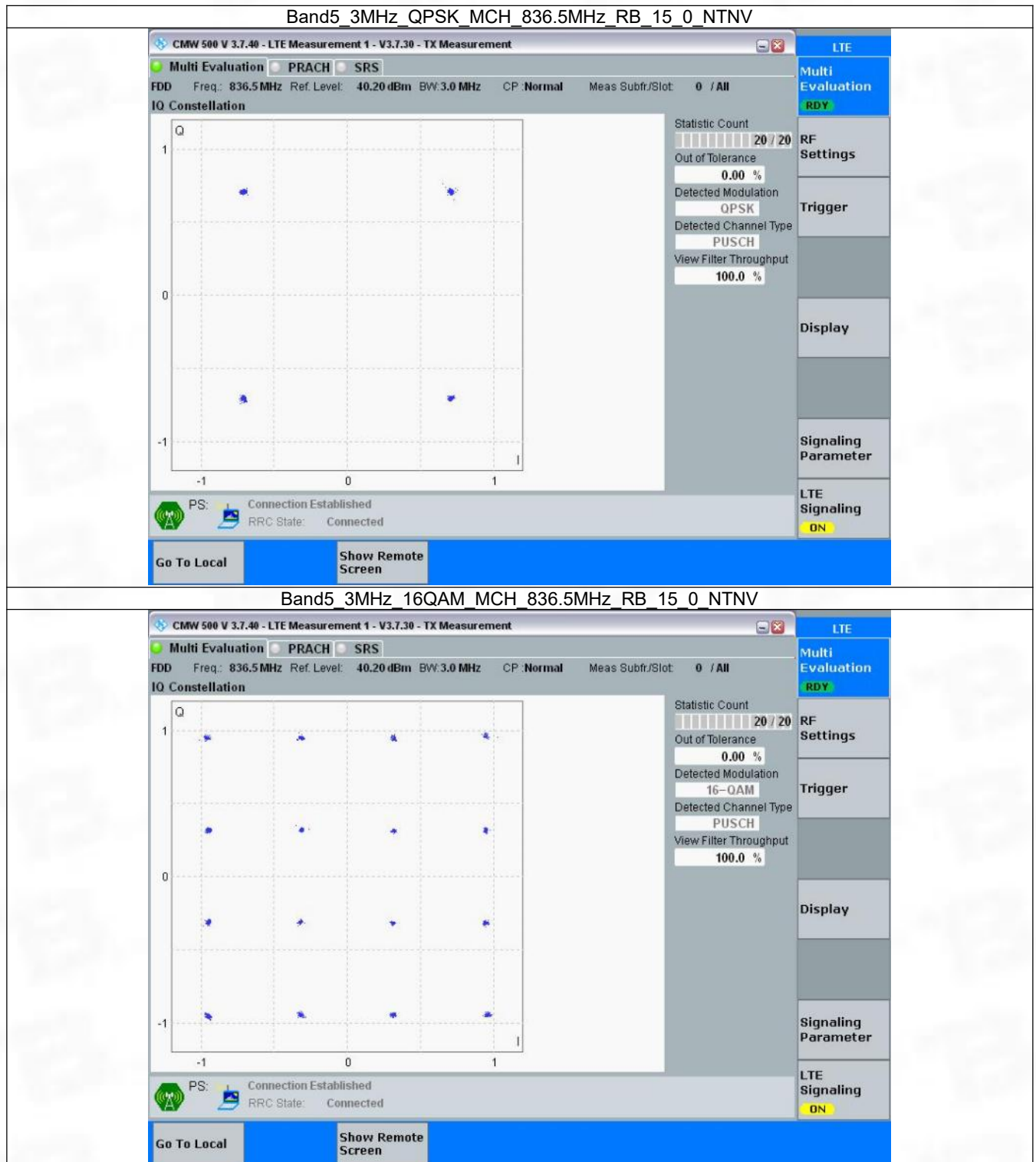
Band: 5 / Bandwidth: 10MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	836.5	50	0	Refer To Test Graph	
16QAM	836.5	50	0	Refer To Test Graph	

3.2 Test Graph

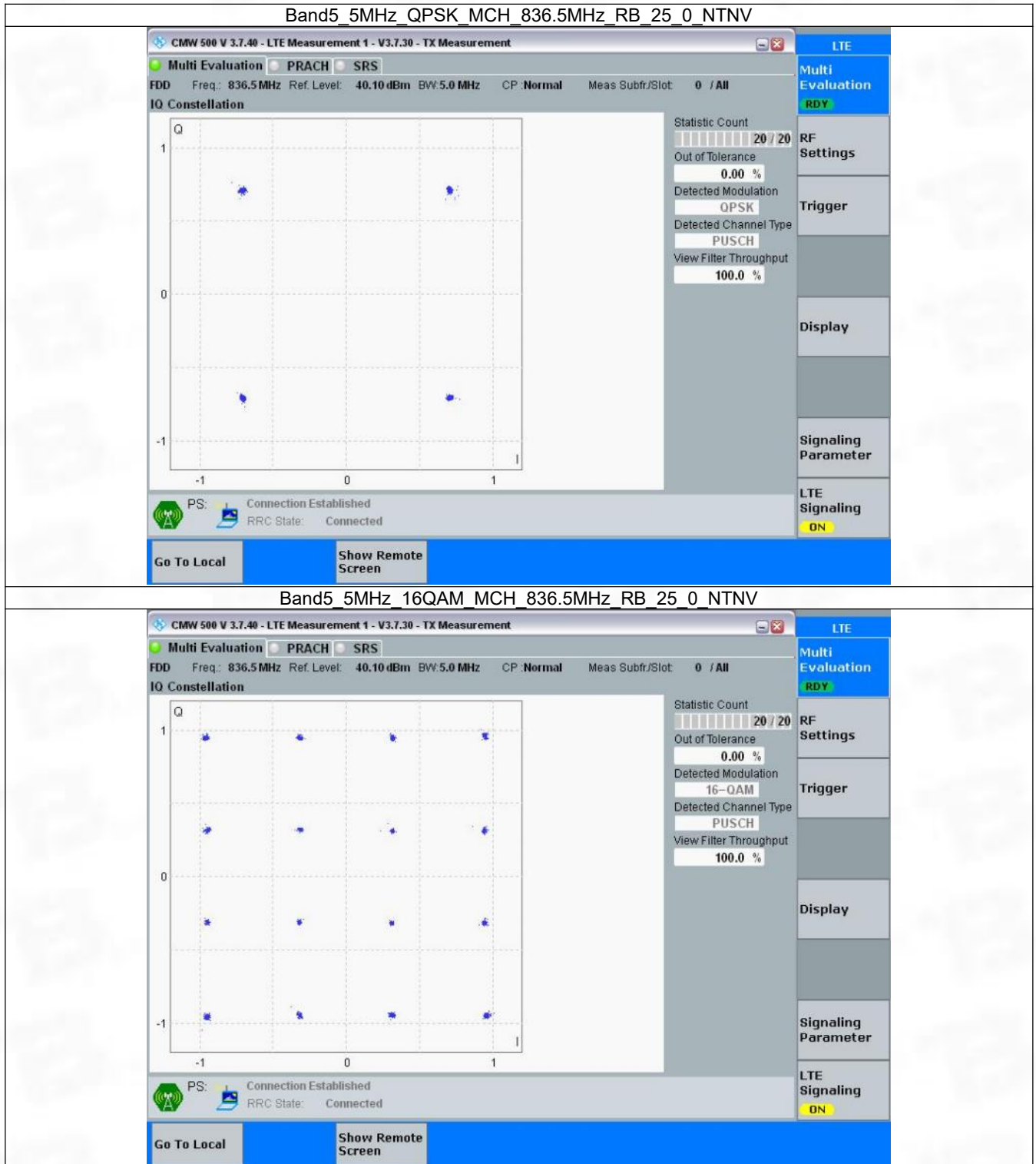
3.2.1 B5_1.4MHz



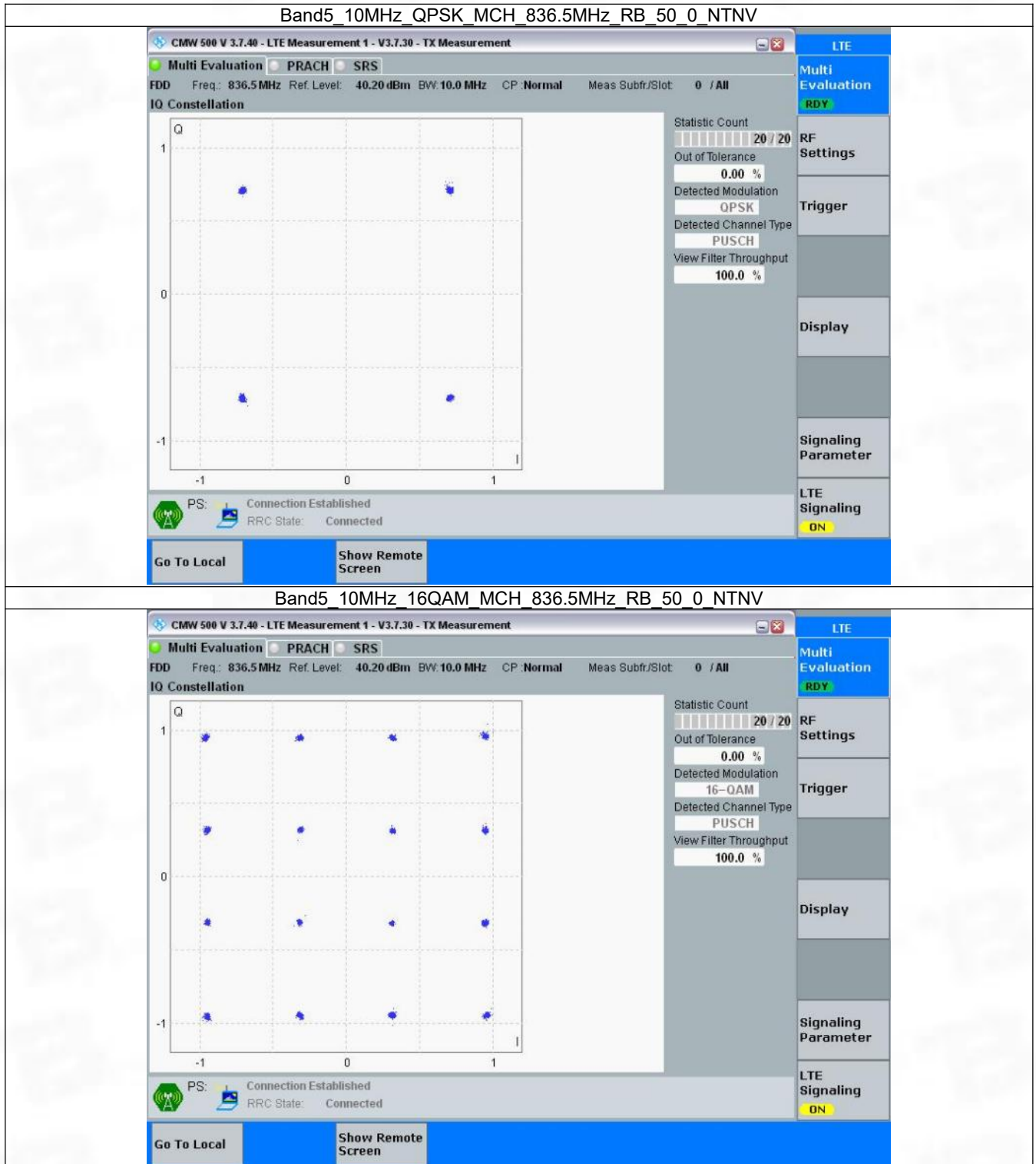
3.2.2 B5_3MHz



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	1.109	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.114	/	Pass
	16QAM	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.116	/	Pass
		848.3	6	0	1.105	/	Pass
3	QPSK	825.5	15	0	2.755	/	Pass
		836.5	15	0	2.751	/	Pass
		847.5	15	0	2.767	/	Pass
	16QAM	825.5	15	0	2.758	/	Pass
		836.5	15	0	2.734	/	Pass
		847.5	15	0	2.749	/	Pass
5	QPSK	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.547	/	Pass
		846.5	25	0	4.563	/	Pass
	16QAM	826.5	25	0	4.554	/	Pass
		836.5	25	0	4.558	/	Pass
		846.5	25	0	4.540	/	Pass
10	QPSK	829	50	0	9.063	/	Pass
		836.5	50	0	9.043	/	Pass
		844	50	0	9.050	/	Pass
	16QAM	829	50	0	9.070	/	Pass
		836.5	50	0	9.075	/	Pass
		844	50	0	9.092	/	Pass

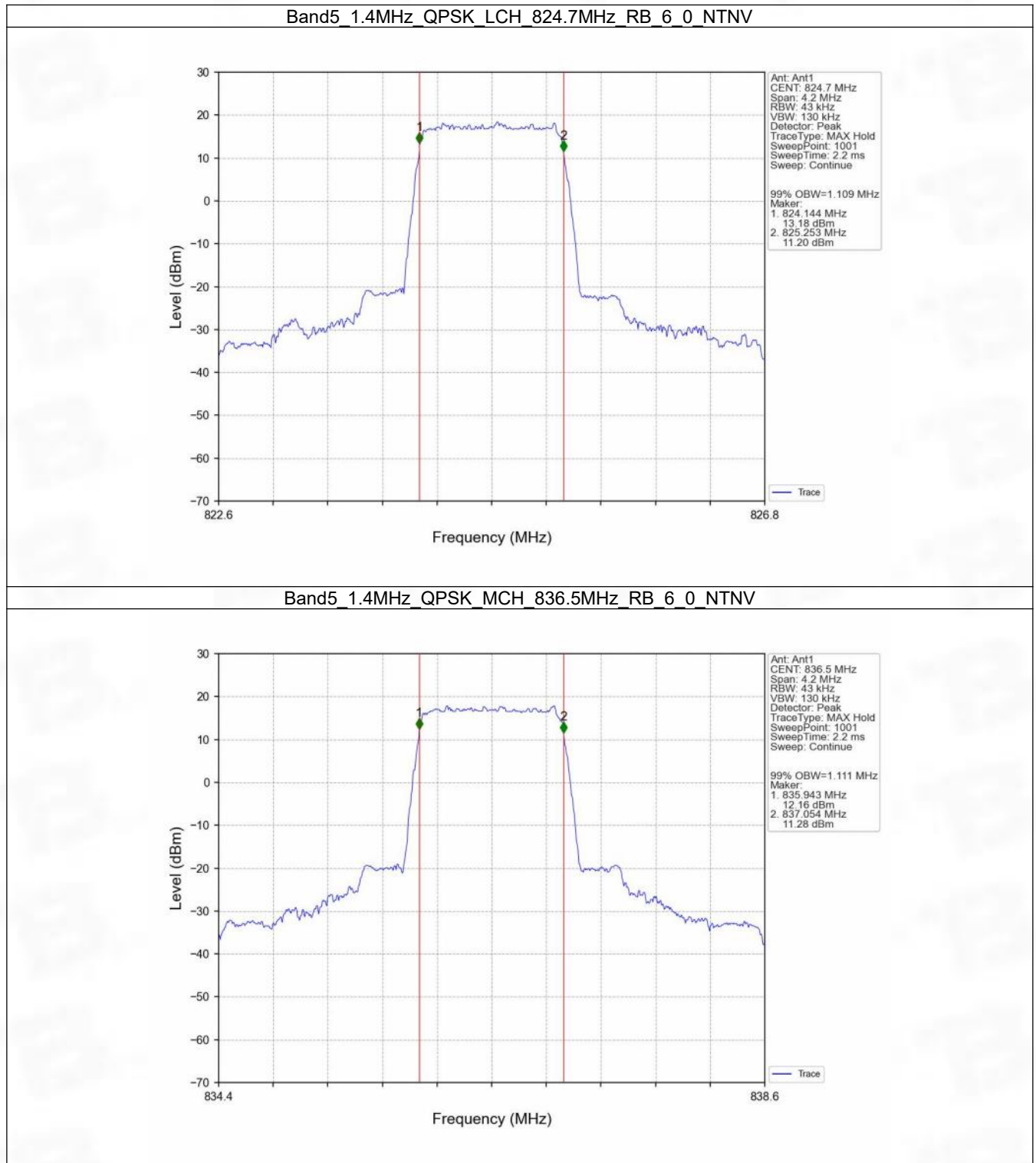
4.1.2 Band5_XDB

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	1.270	/	Pass
		836.5	6	0	1.277	/	Pass
		848.3	6	0	1.273	/	Pass
	16QAM	824.7	6	0	1.279	/	Pass
		836.5	6	0	1.281	/	Pass
		848.3	6	0	1.266	/	Pass
3	QPSK	825.5	15	0	3.111	/	Pass
		836.5	15	0	3.088	/	Pass
		847.5	15	0	3.108	/	Pass
	16QAM	825.5	15	0	3.109	/	Pass
		836.5	15	0	3.009	/	Pass
		847.5	15	0	3.081	/	Pass
5	QPSK	826.5	25	0	5.078	/	Pass
		836.5	25	0	5.050	/	Pass
		846.5	25	0	5.057	/	Pass

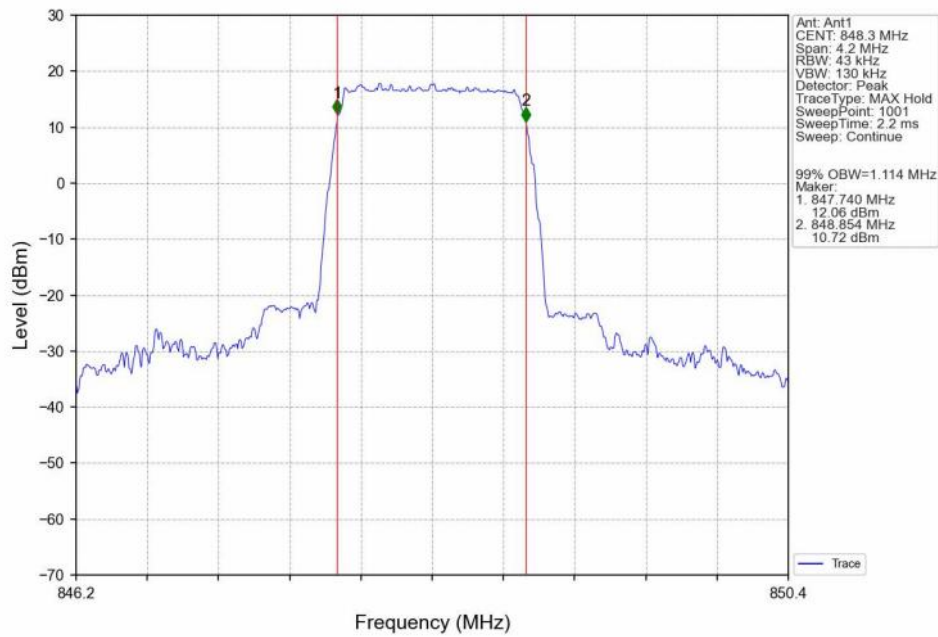
10	16QAM	826.5	25	0	5.085	/	Pass
		836.5	25	0	5.071	/	Pass
		846.5	25	0	5.043	/	Pass
	QPSK	829	50	0	10.014	/	Pass
		836.5	50	0	10.024	/	Pass
		844	50	0	10.018	/	Pass
	16QAM	829	50	0	9.996	/	Pass
		836.5	50	0	10.032	/	Pass
		844	50	0	10.034	/	Pass

4.2 Test Graph

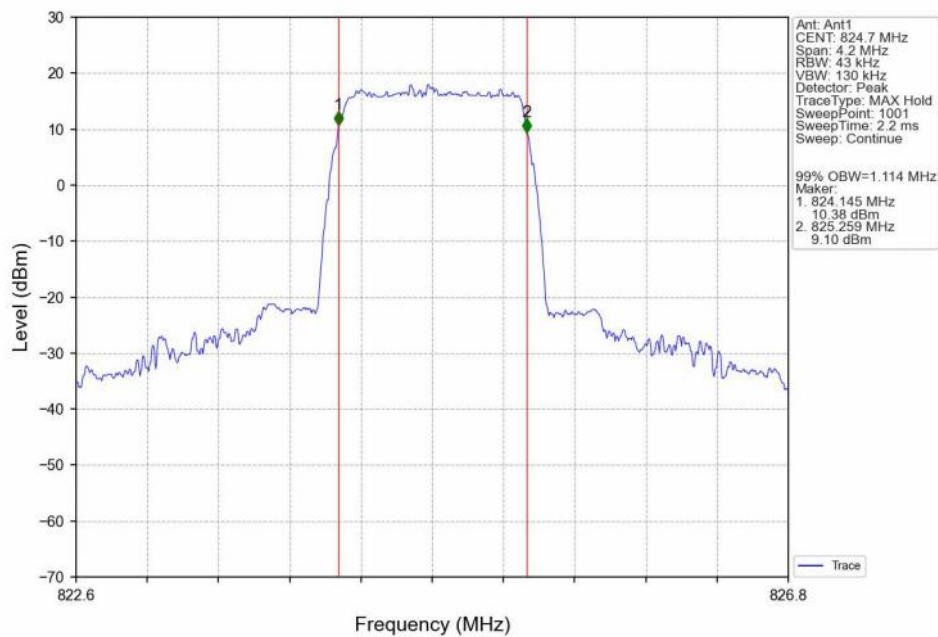
4.2.1 Band5_OBW



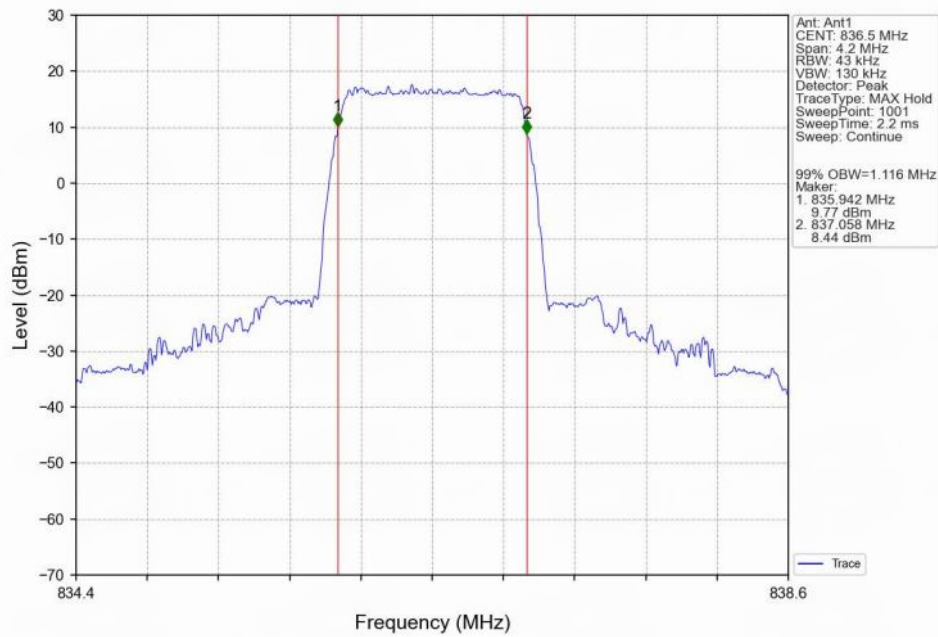
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



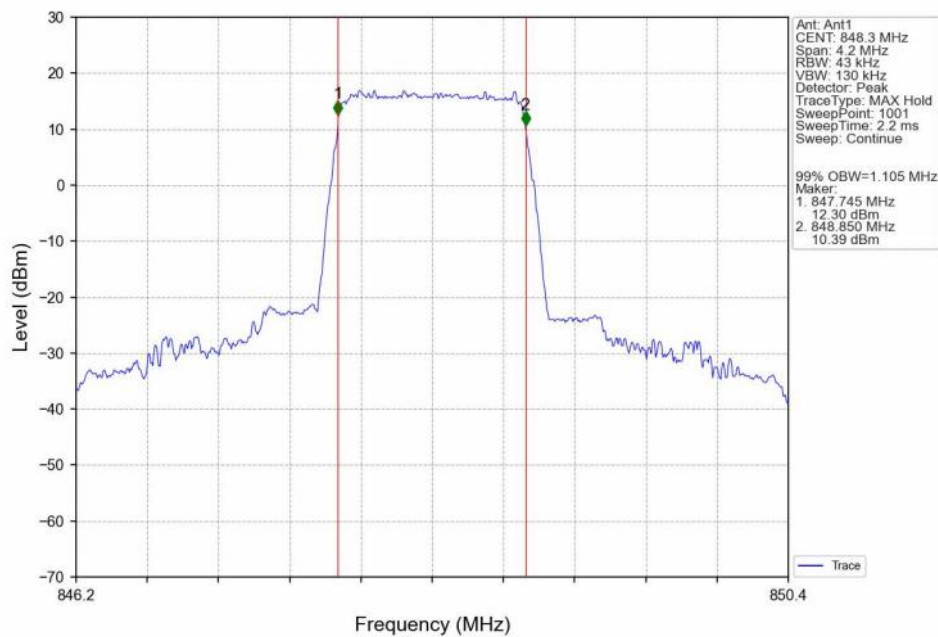
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



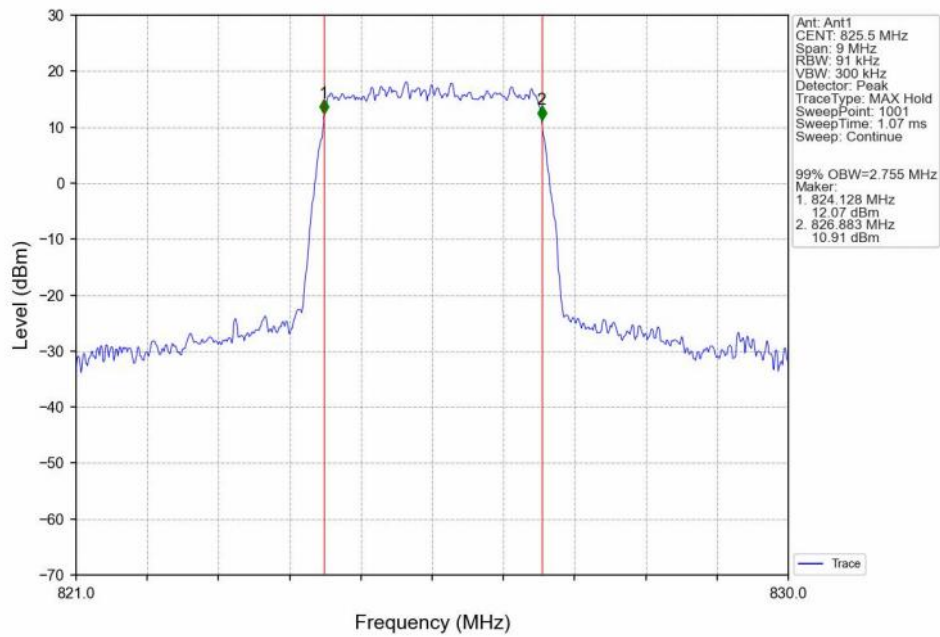
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



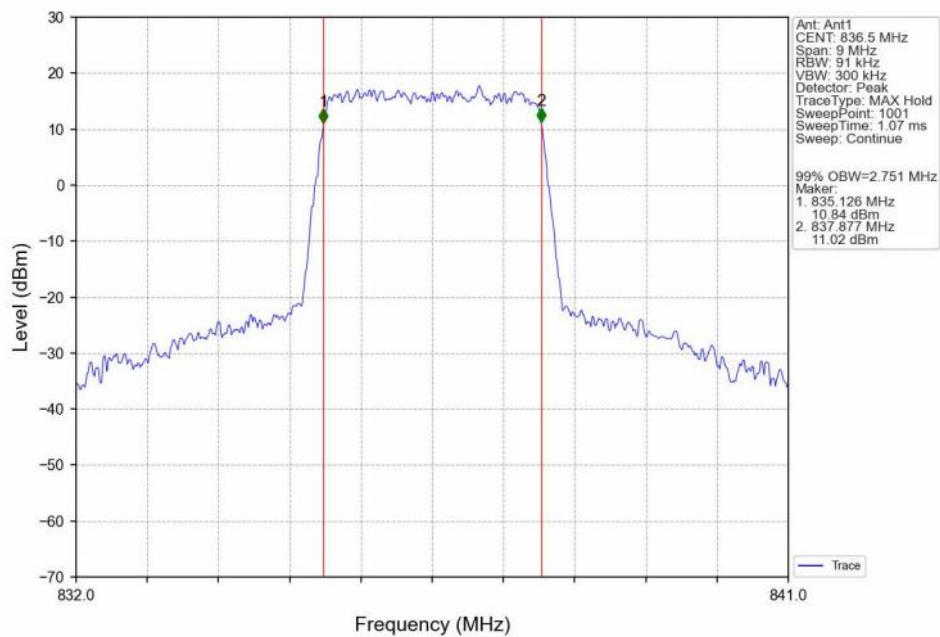
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



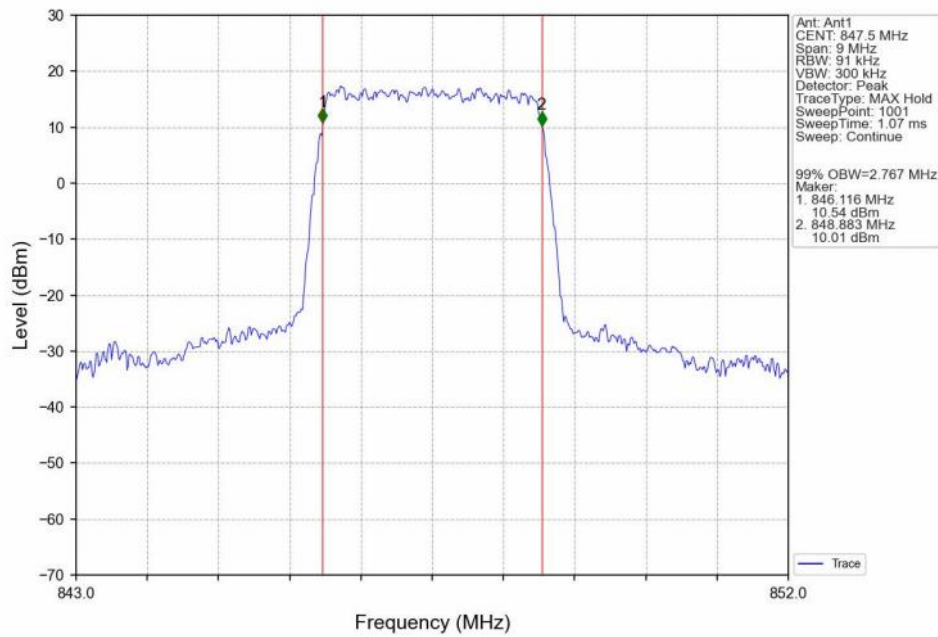
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



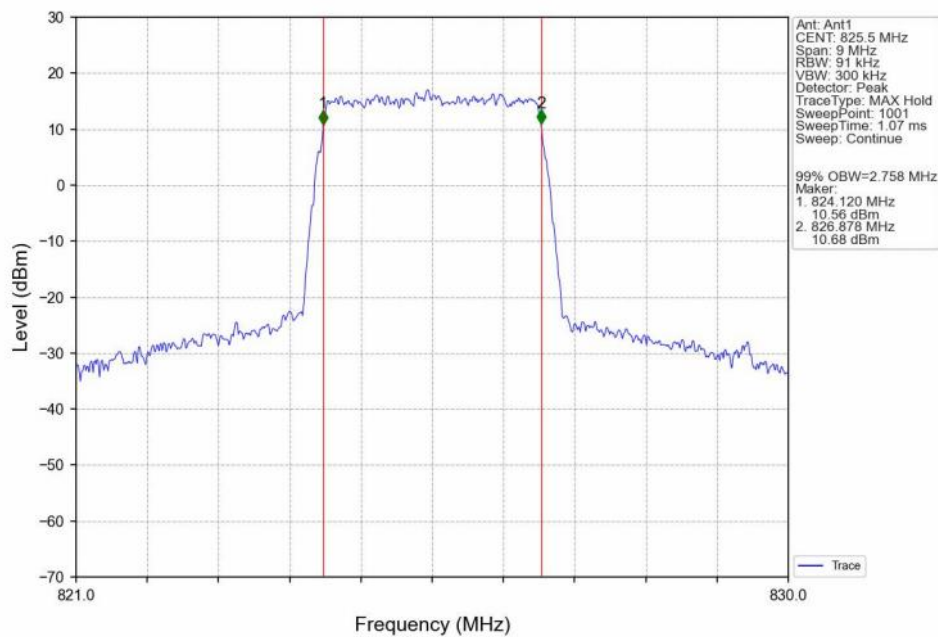
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



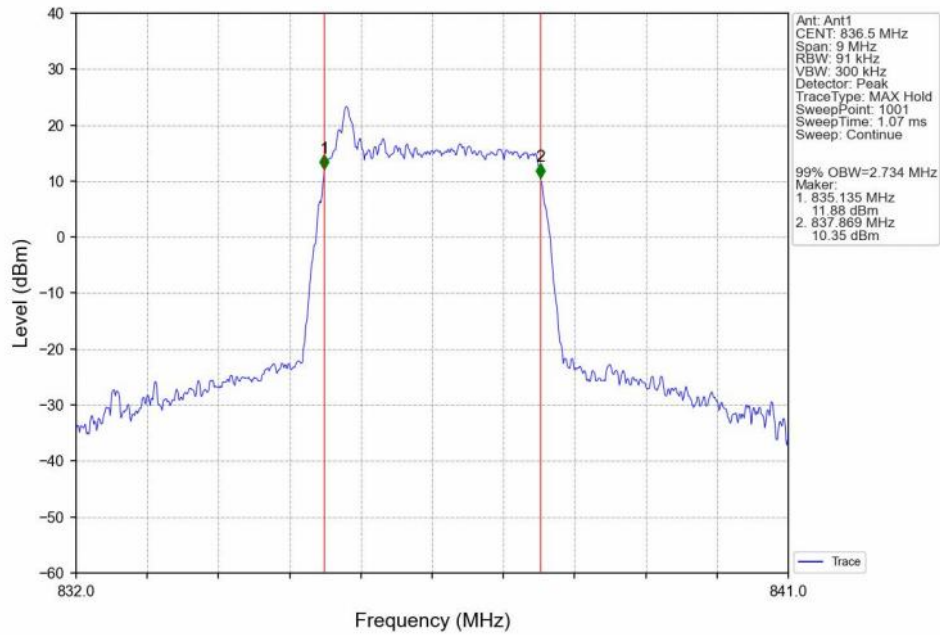
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



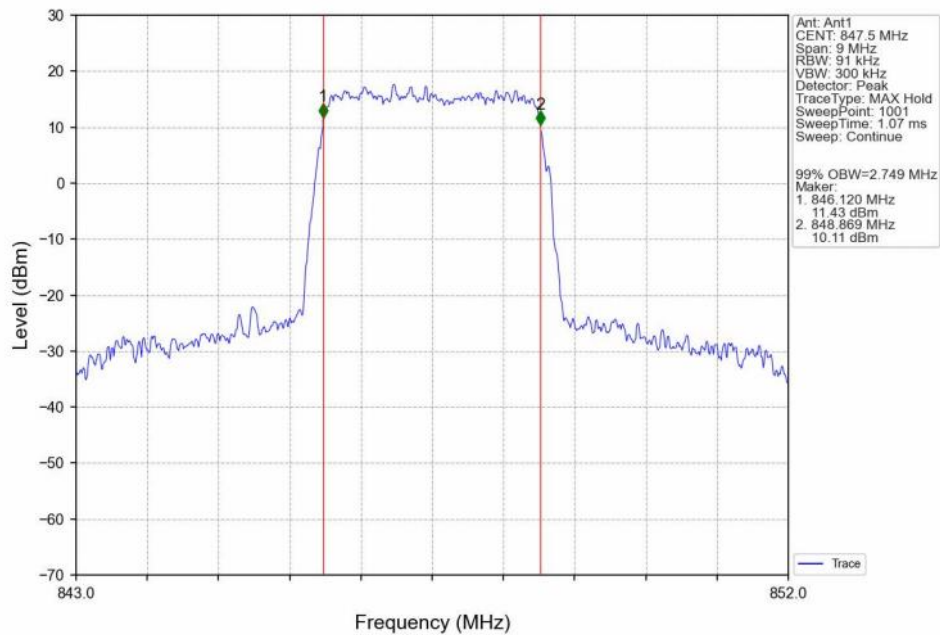
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



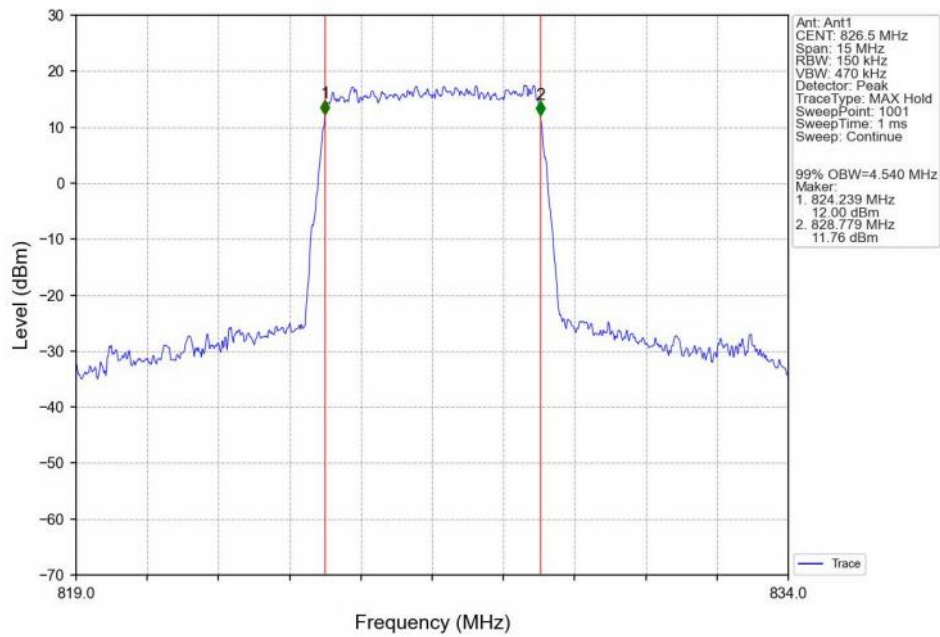
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



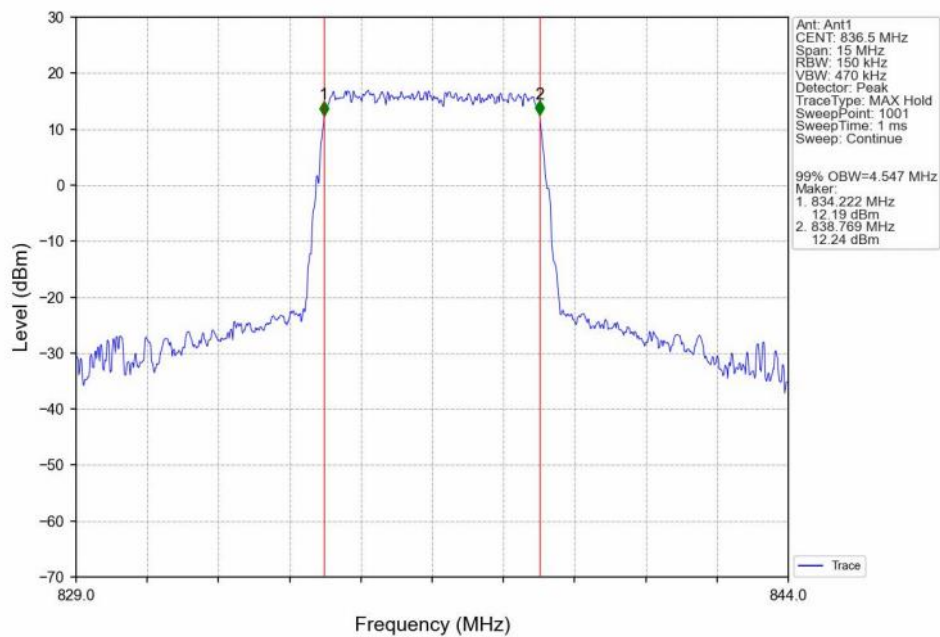
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



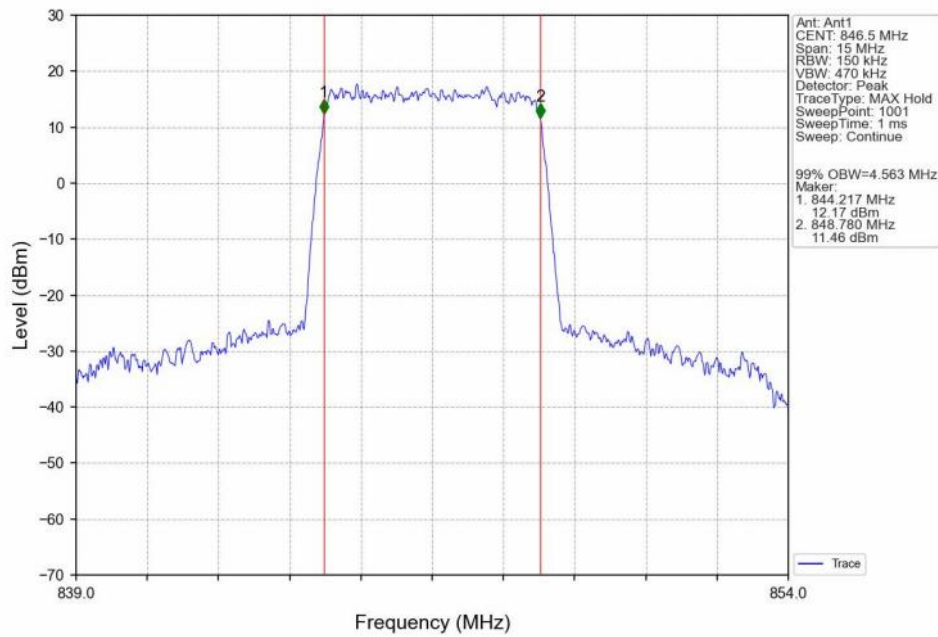
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



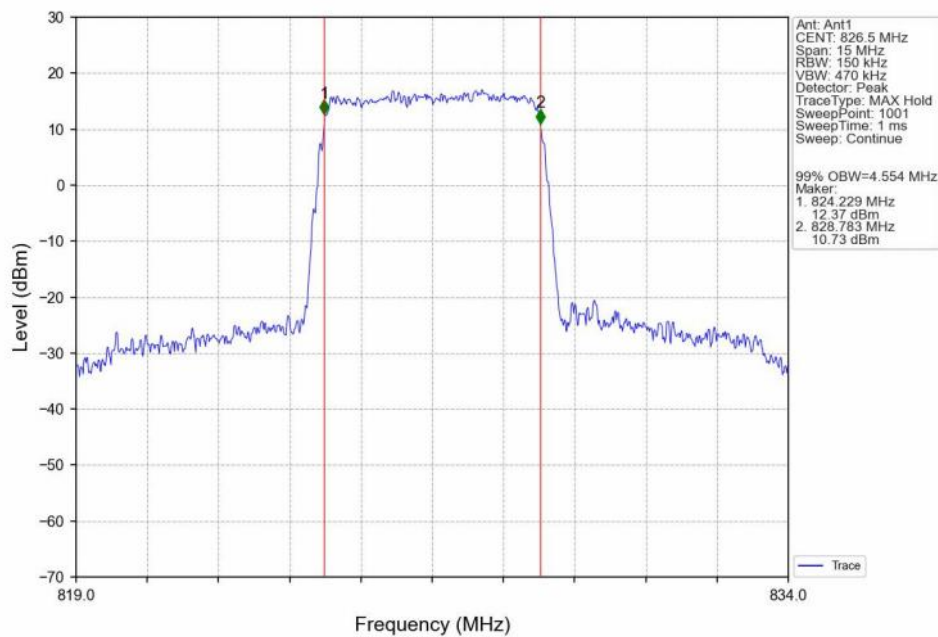
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



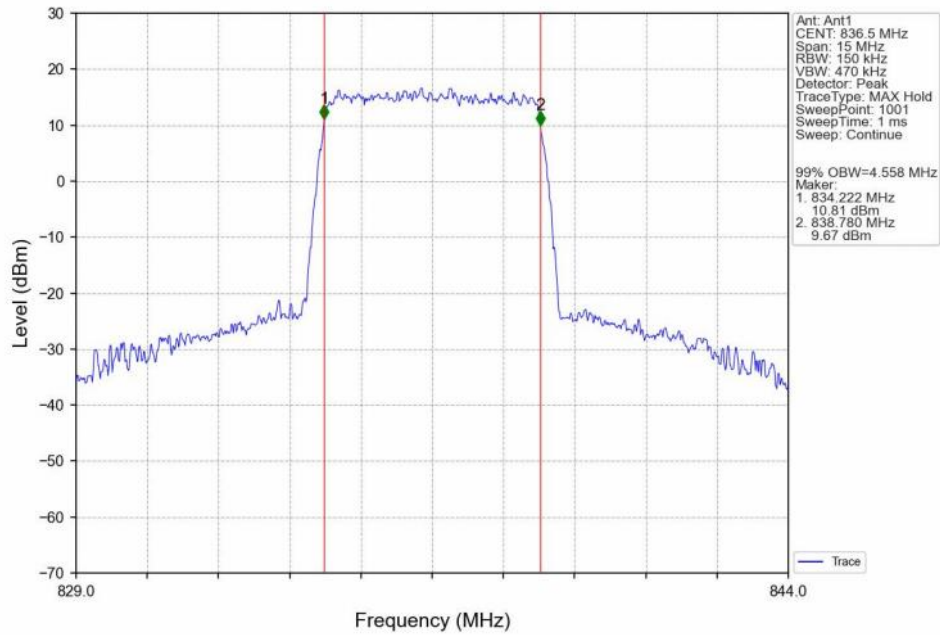
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



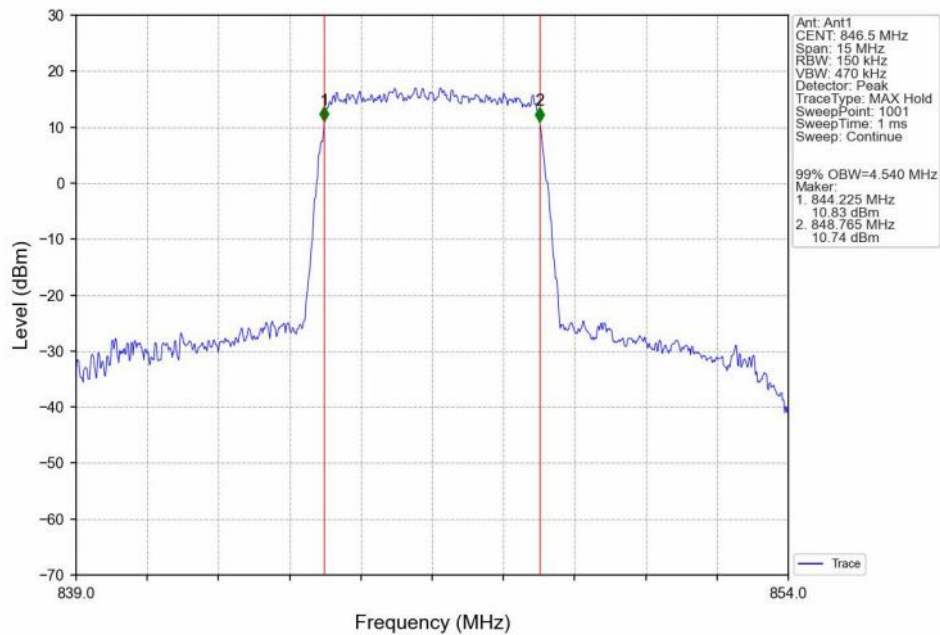
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



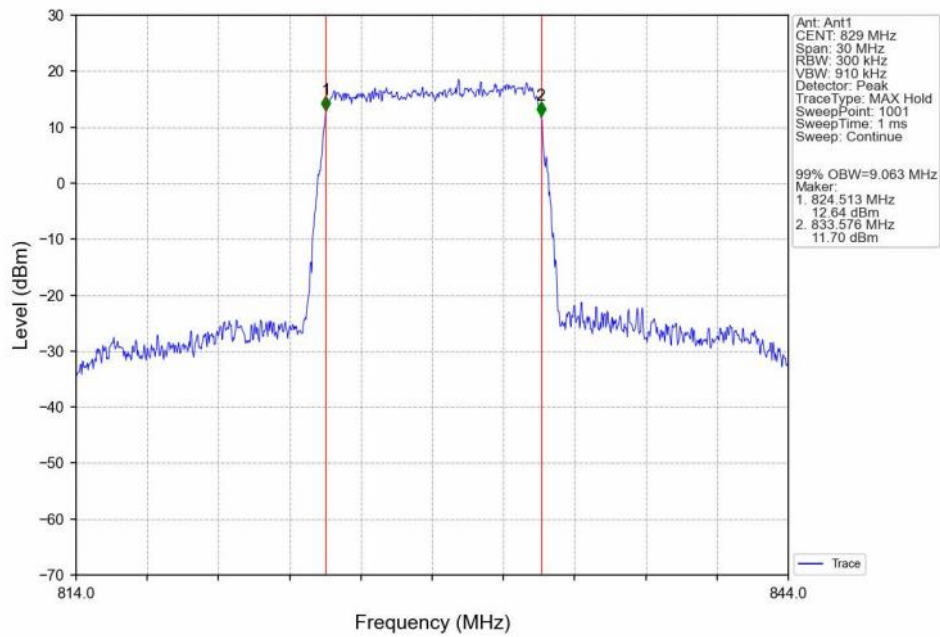
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



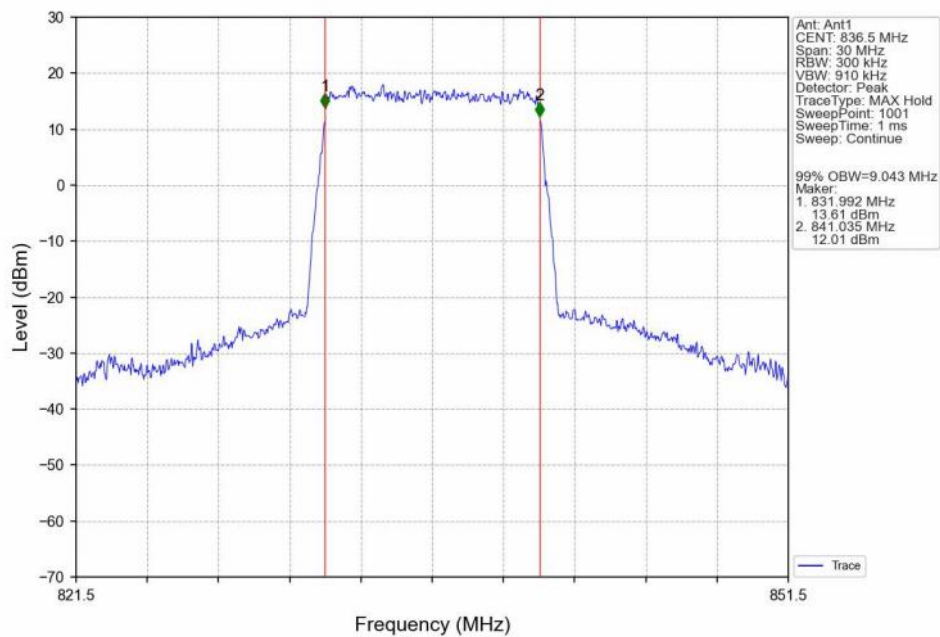
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



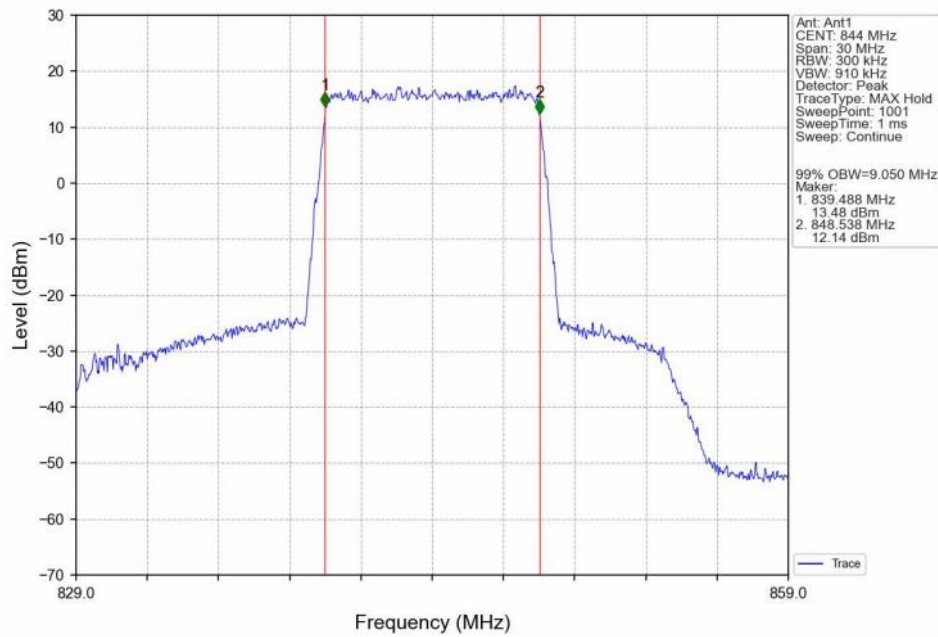
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



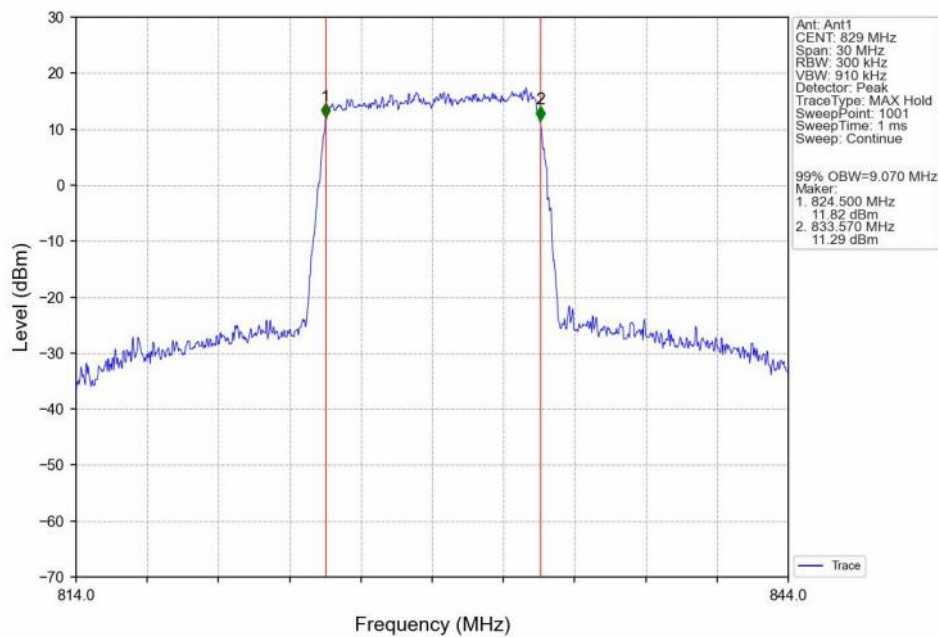
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



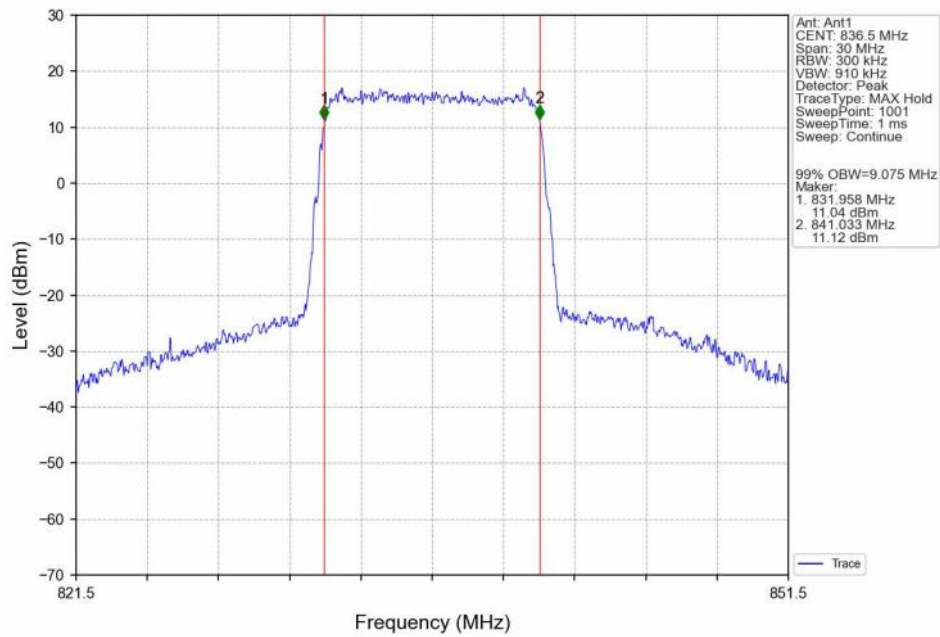
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



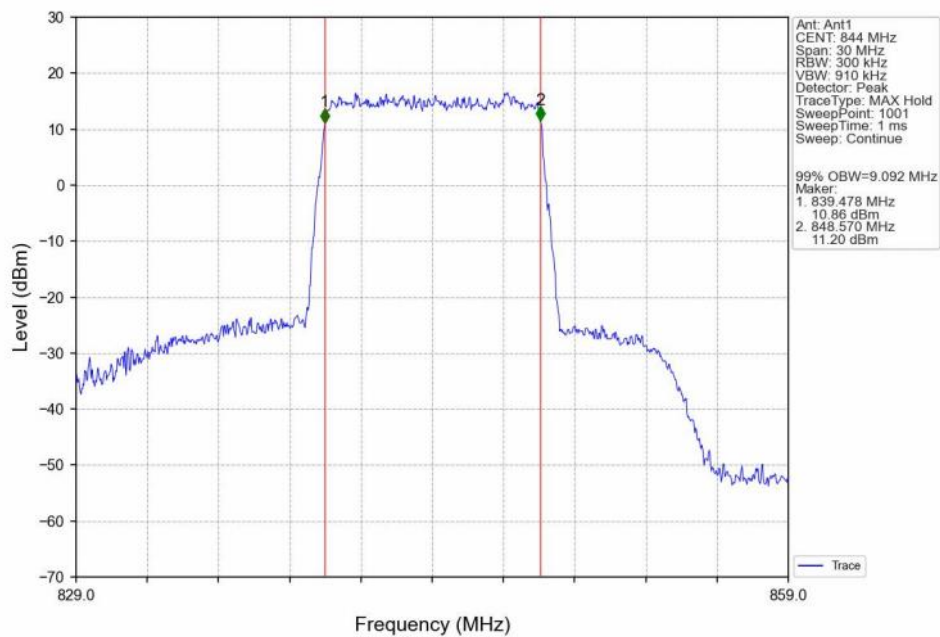
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



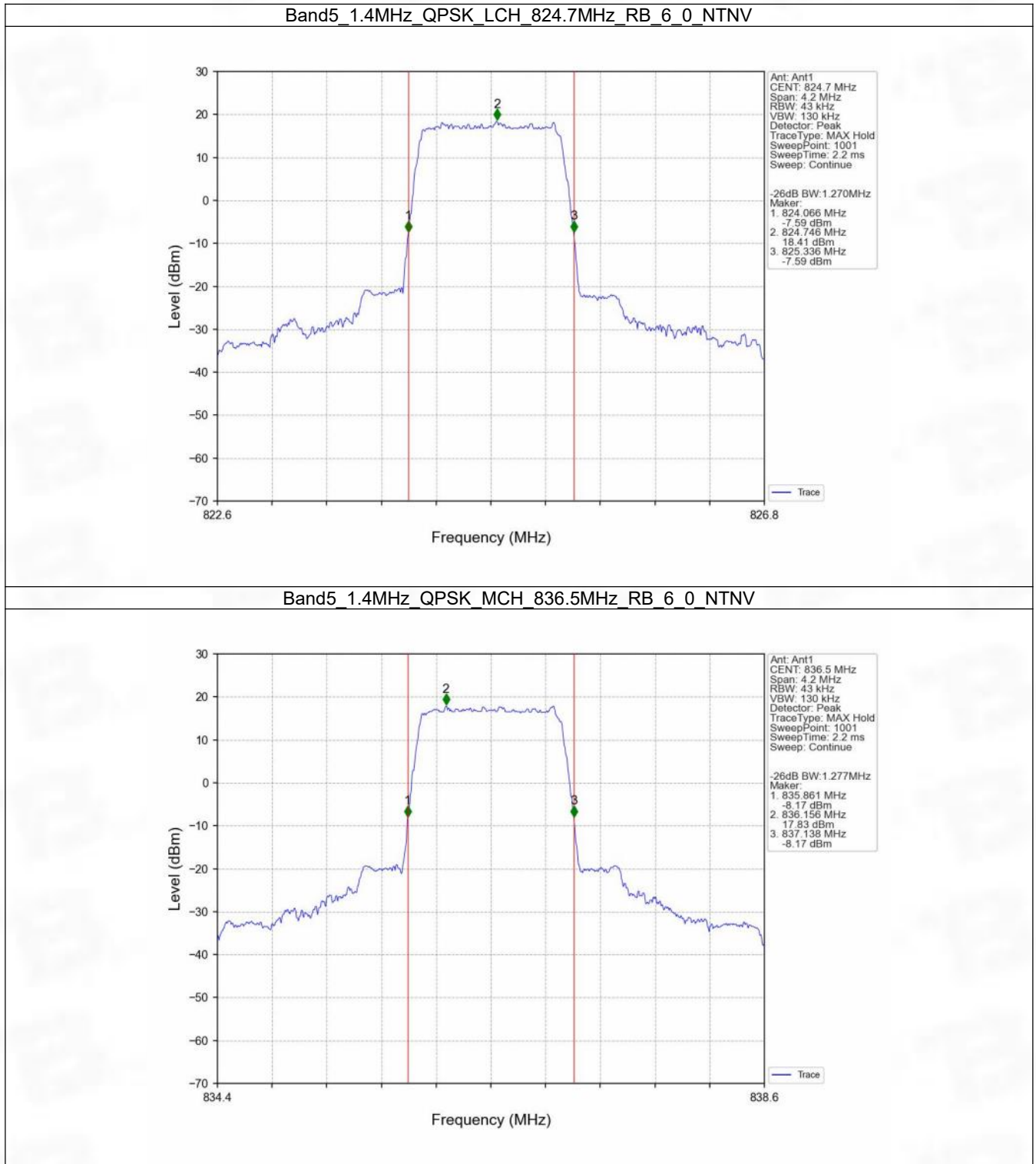
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



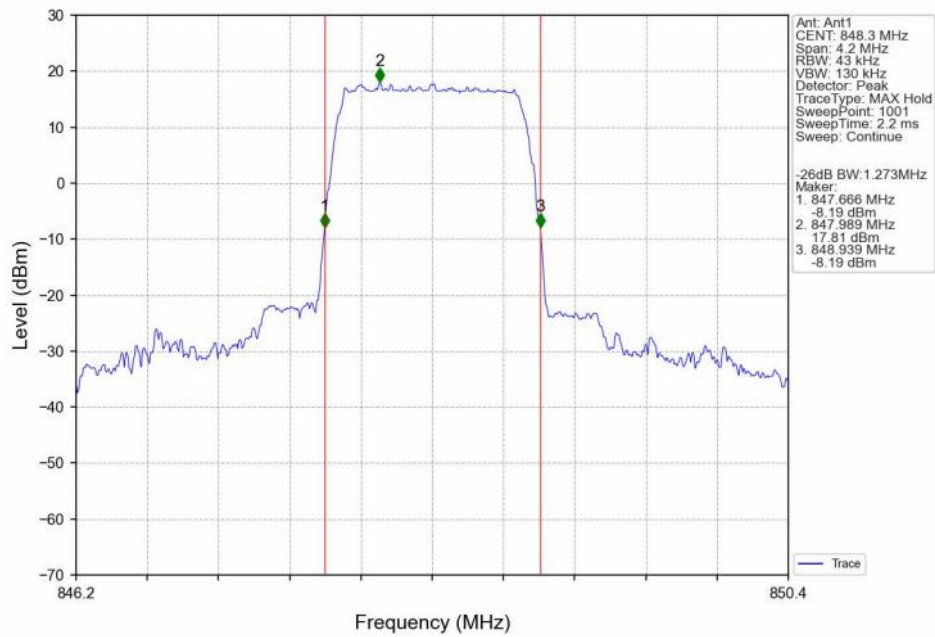
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



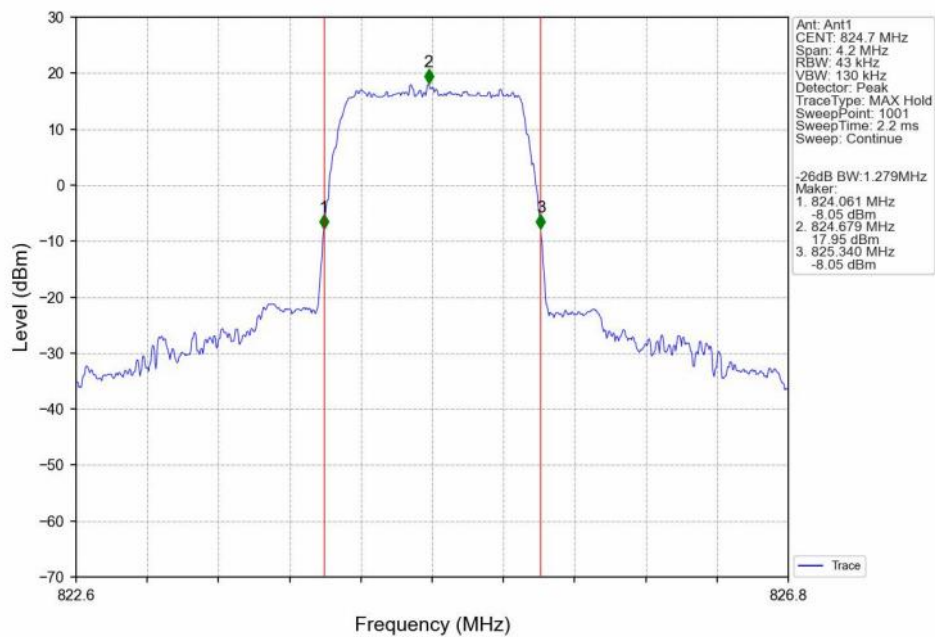
4.2.2 Band5_XDB



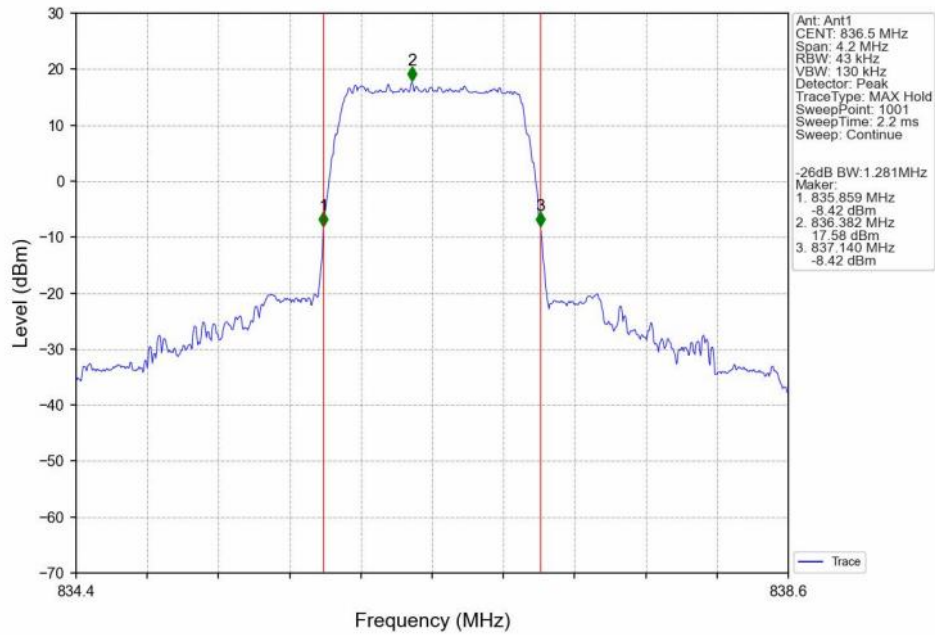
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



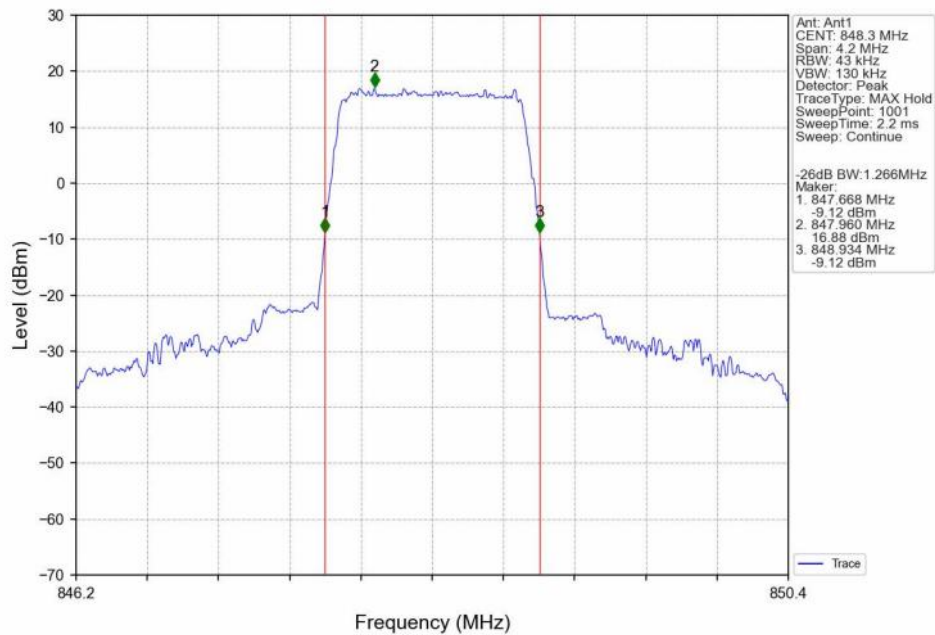
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



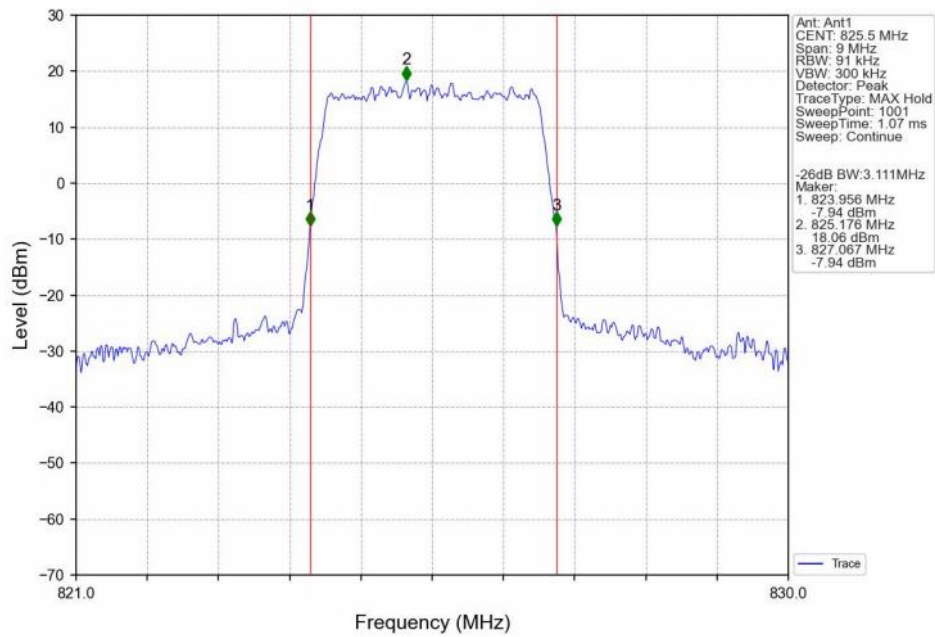
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



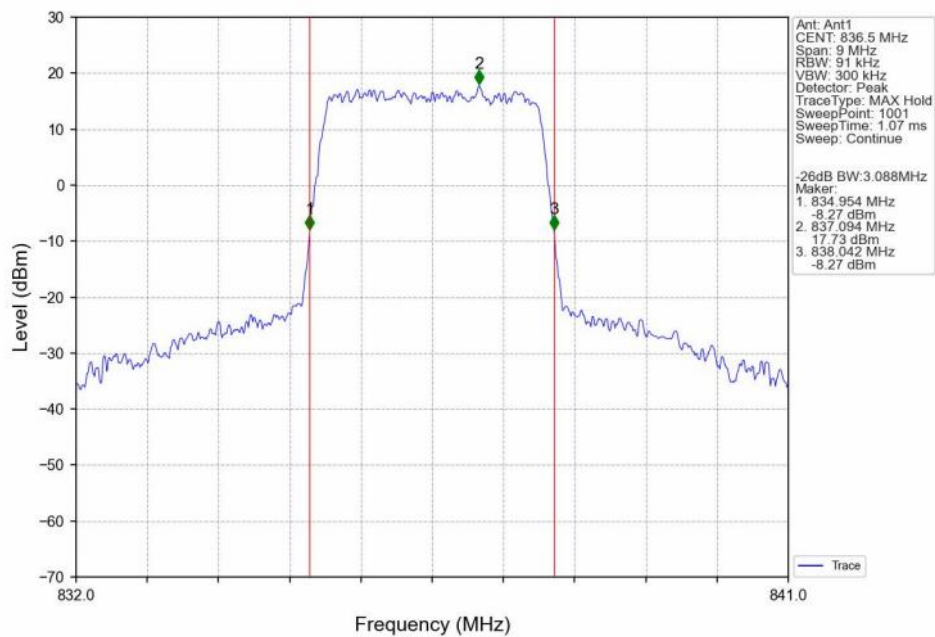
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



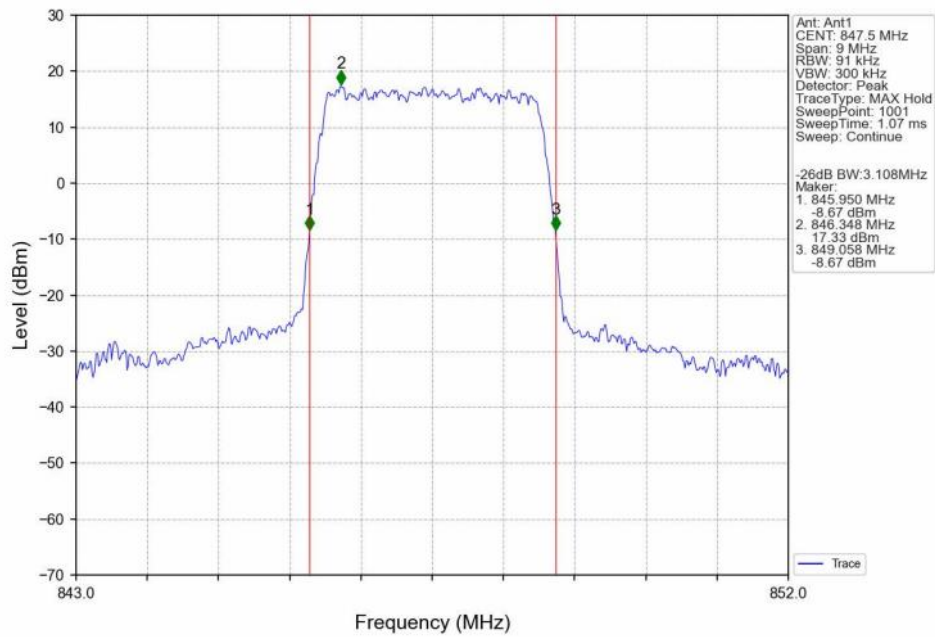
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



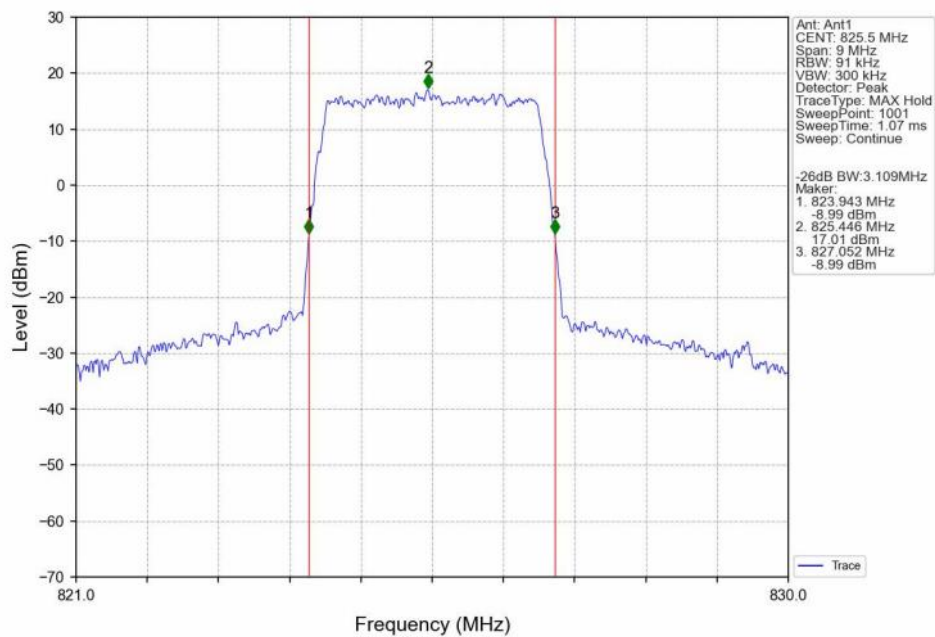
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



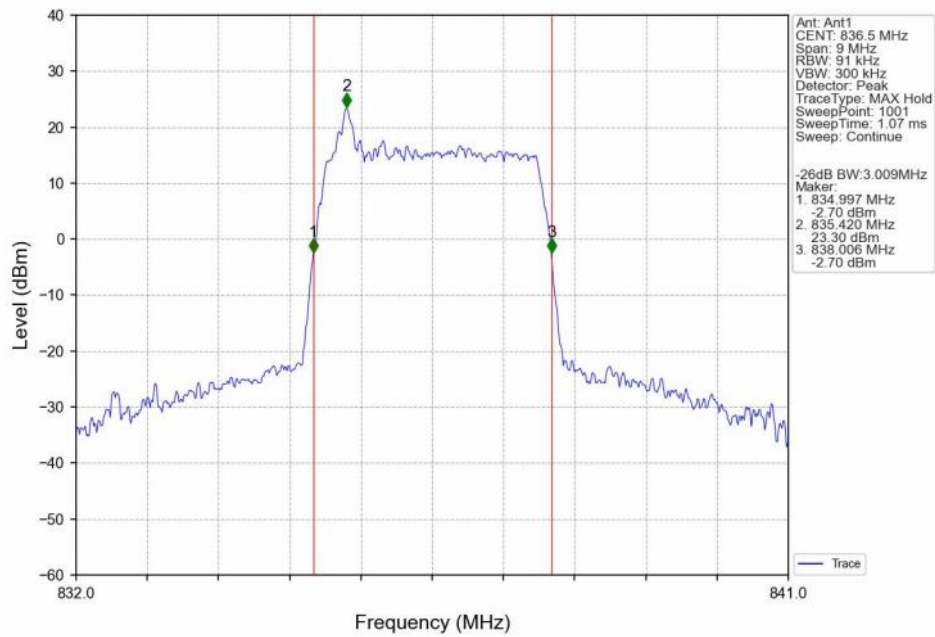
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



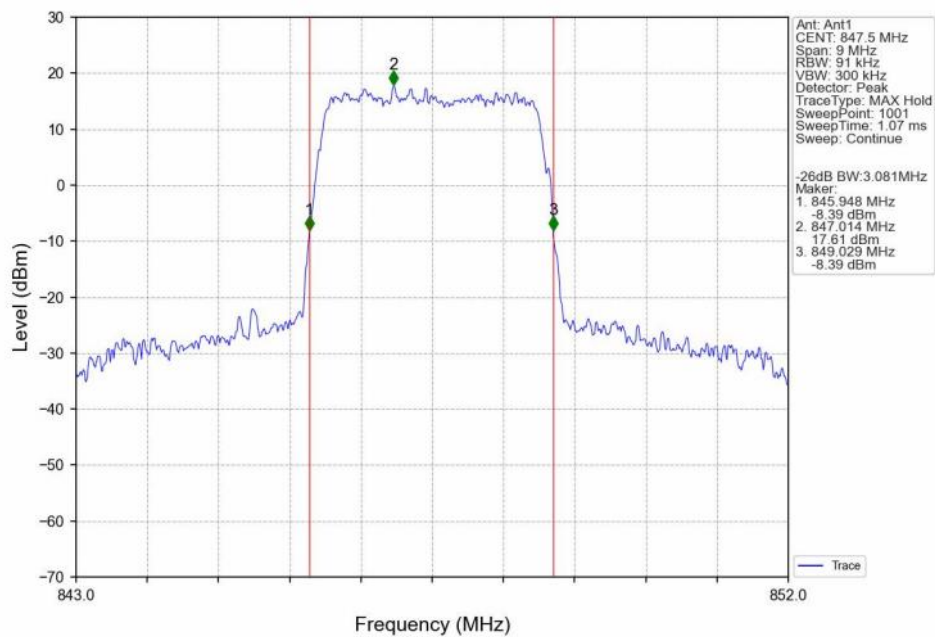
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



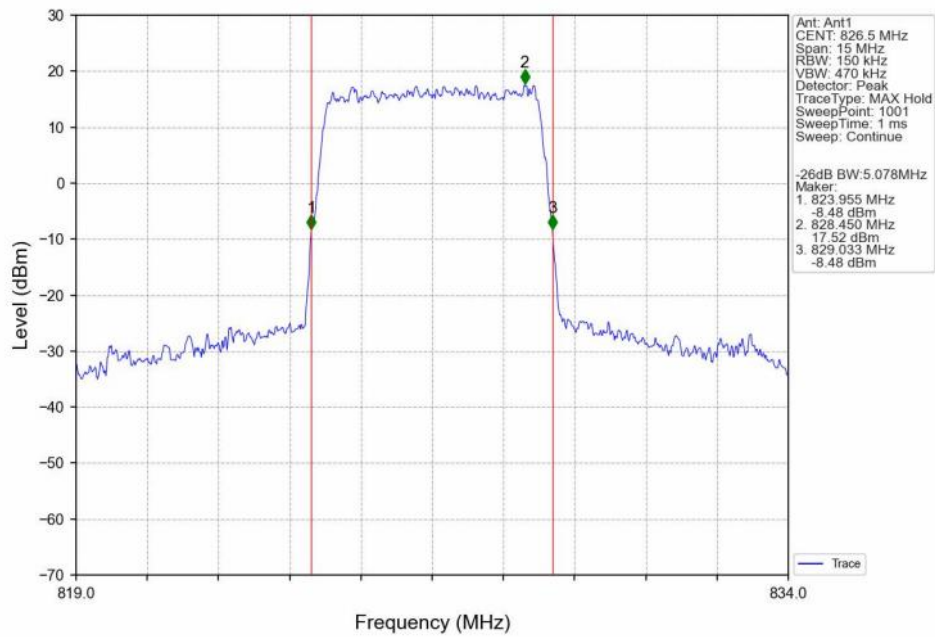
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



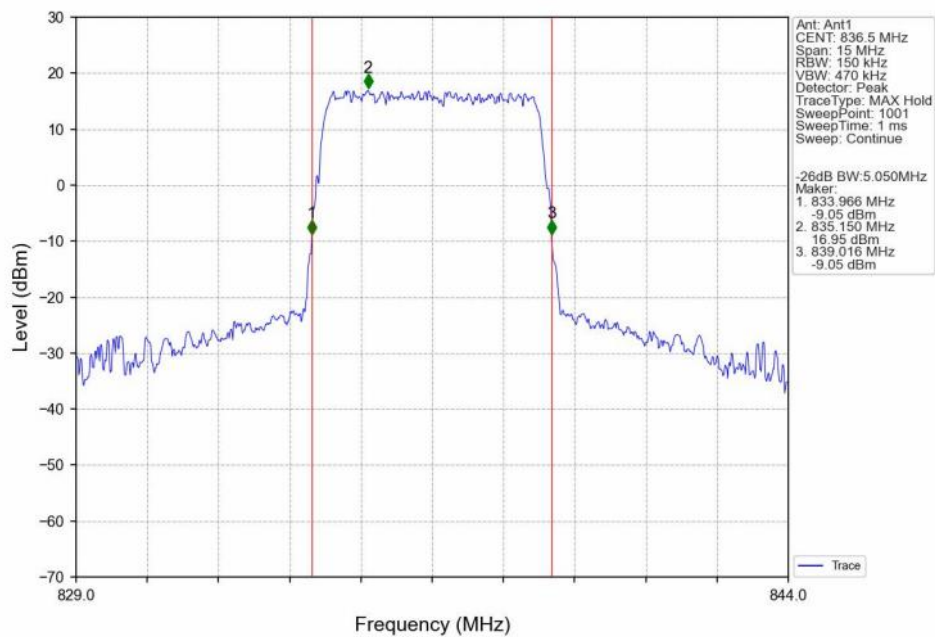
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



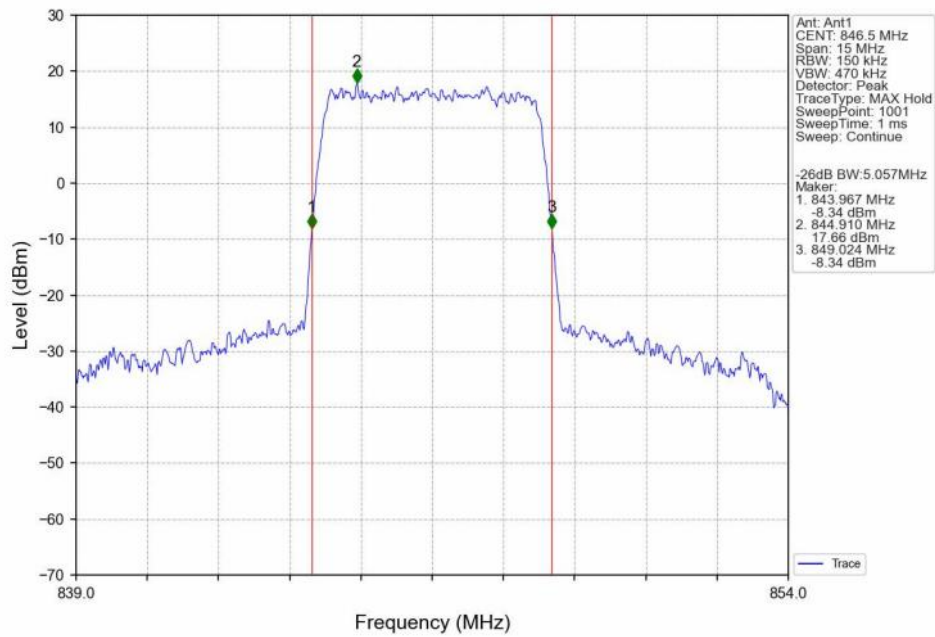
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



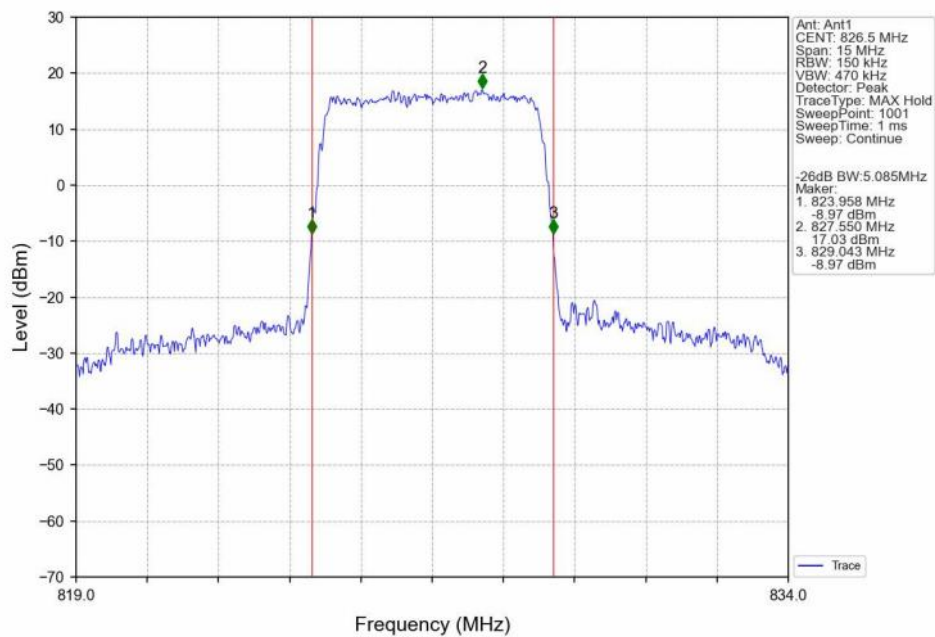
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



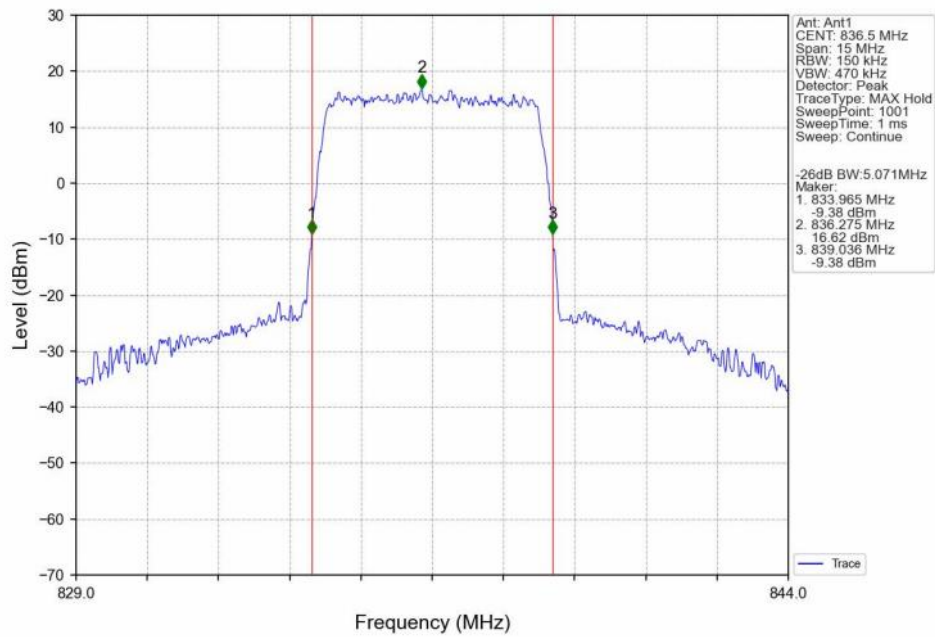
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



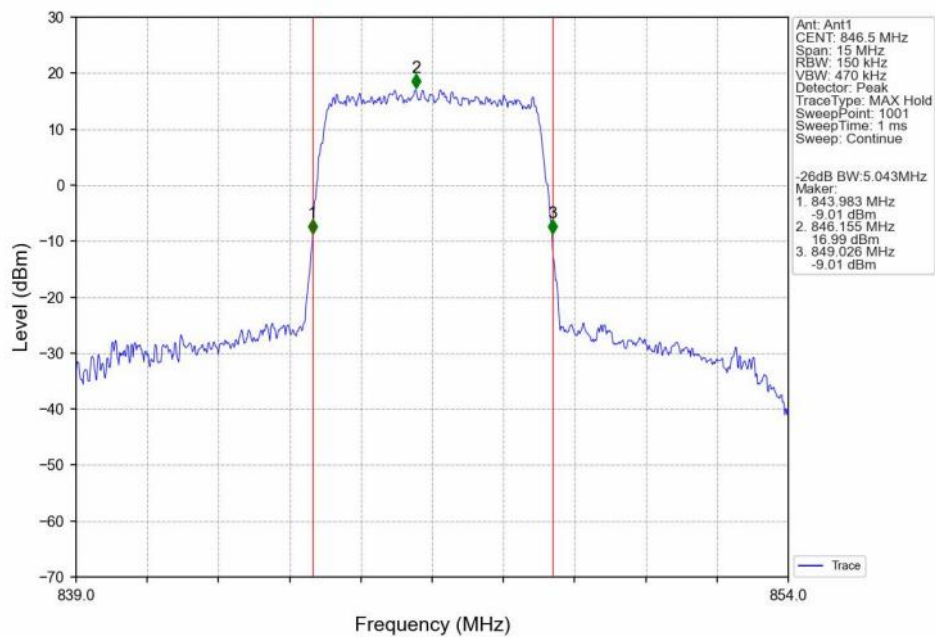
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



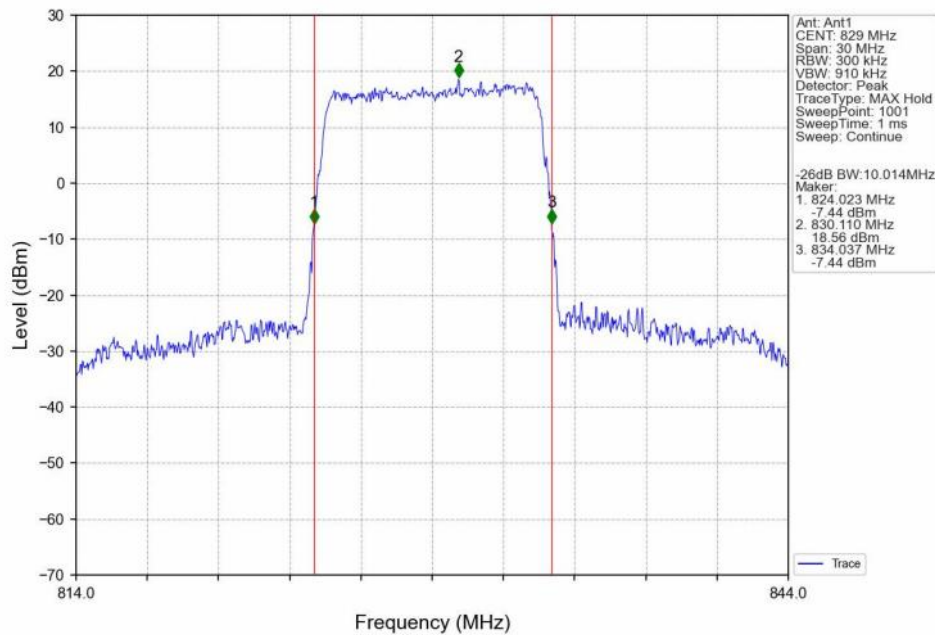
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



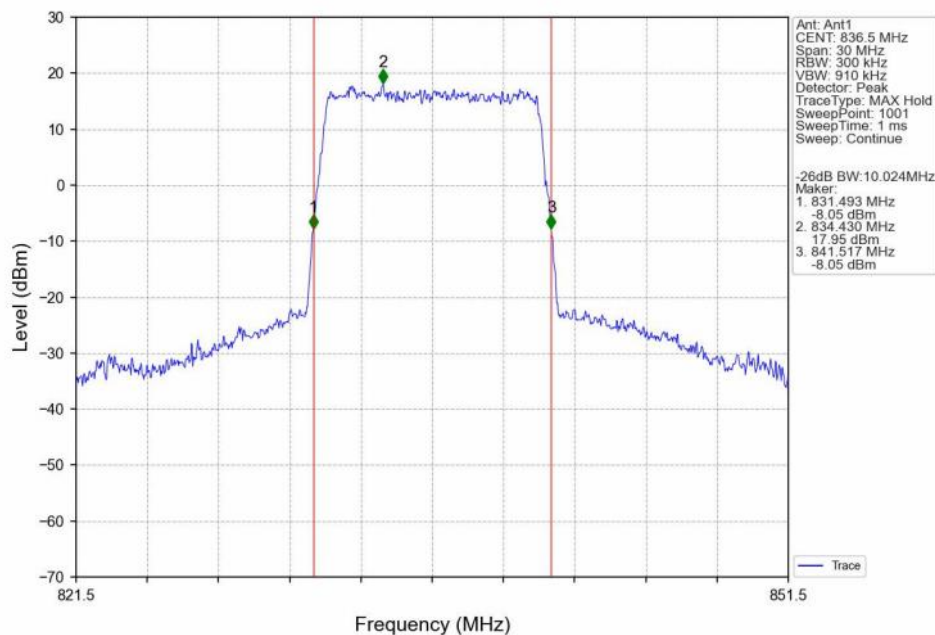
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



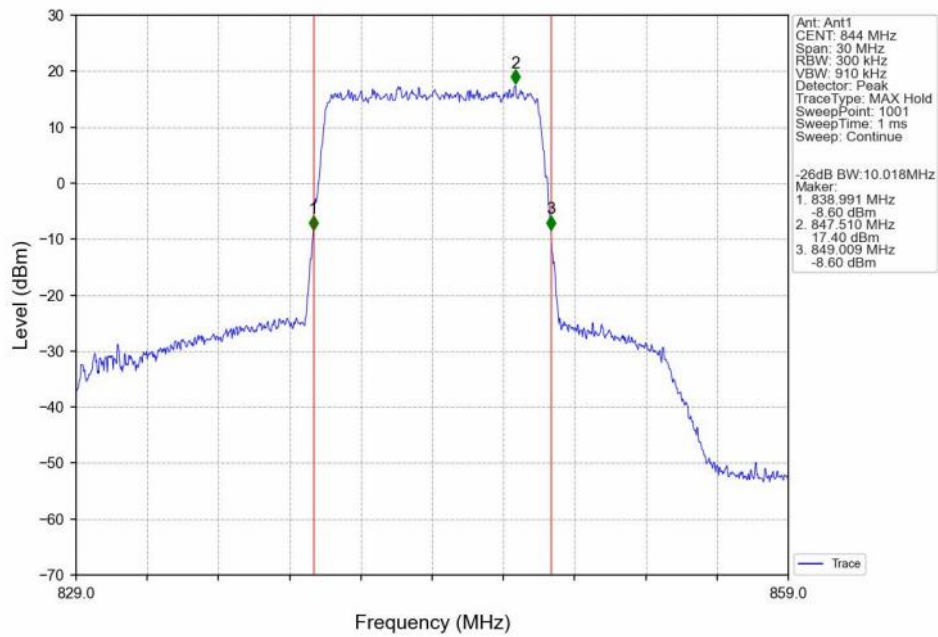
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



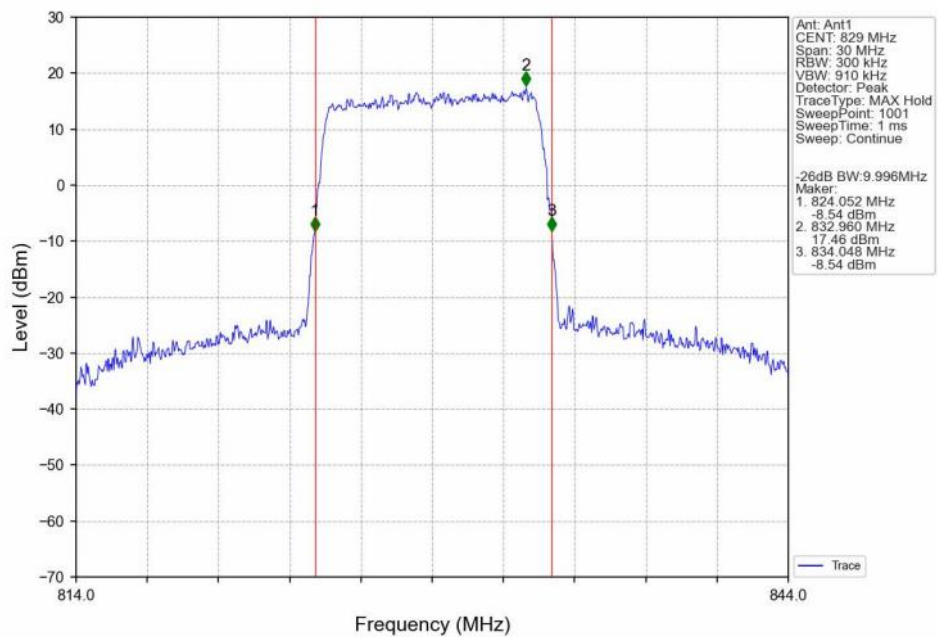
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



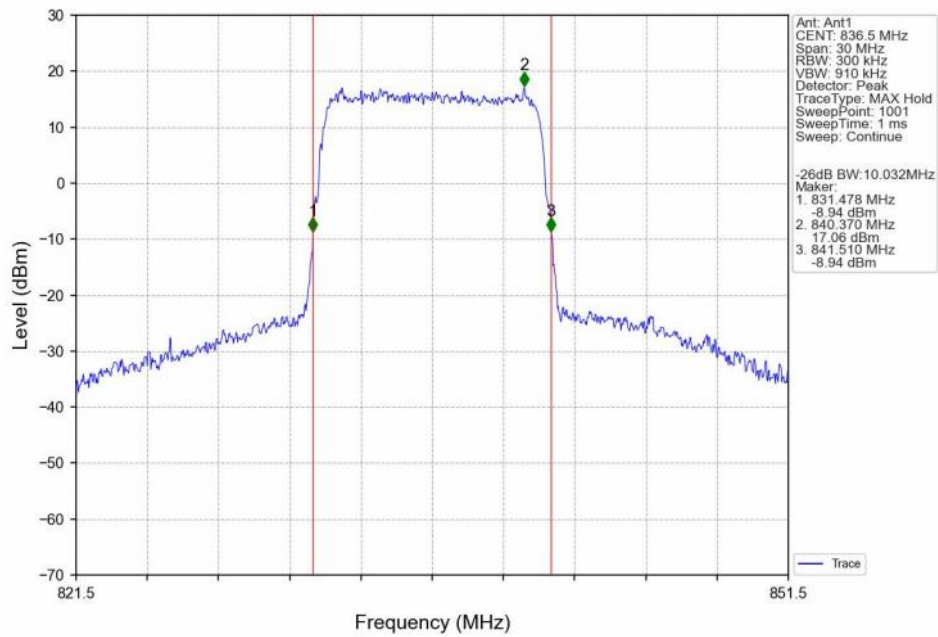
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



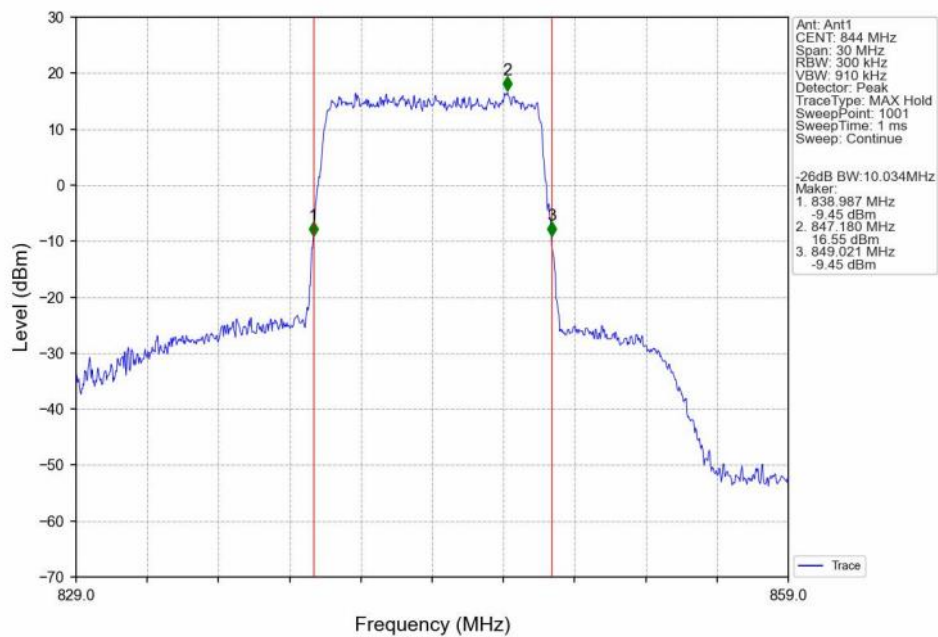
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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	5.72	≤ 13	Pass
	836.5	6	0	5.86	≤ 13	Pass
	848.3	6	0	5.74	≤ 13	Pass
16QAM	824.7	6	0	6.58	≤ 13	Pass
	836.5	6	0	6.57	≤ 13	Pass
	848.3	6	0	6.46	≤ 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	5.78	≤ 13	Pass
	847.5	15	0	5.79	≤ 13	Pass
16QAM	825.5	15	0	6.54	≤ 13	Pass
	836.5	15	0	6.62	≤ 13	Pass
	847.5	15	0	6.51	≤ 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	5.71	≤ 13	Pass
	836.5	25	0	5.83	≤ 13	Pass
	846.5	25	0	5.79	≤ 13	Pass
16QAM	826.5	25	0	6.38	≤ 13	Pass
	836.5	25	0	6.56	≤ 13	Pass
	846.5	25	0	6.41	≤ 13	Pass

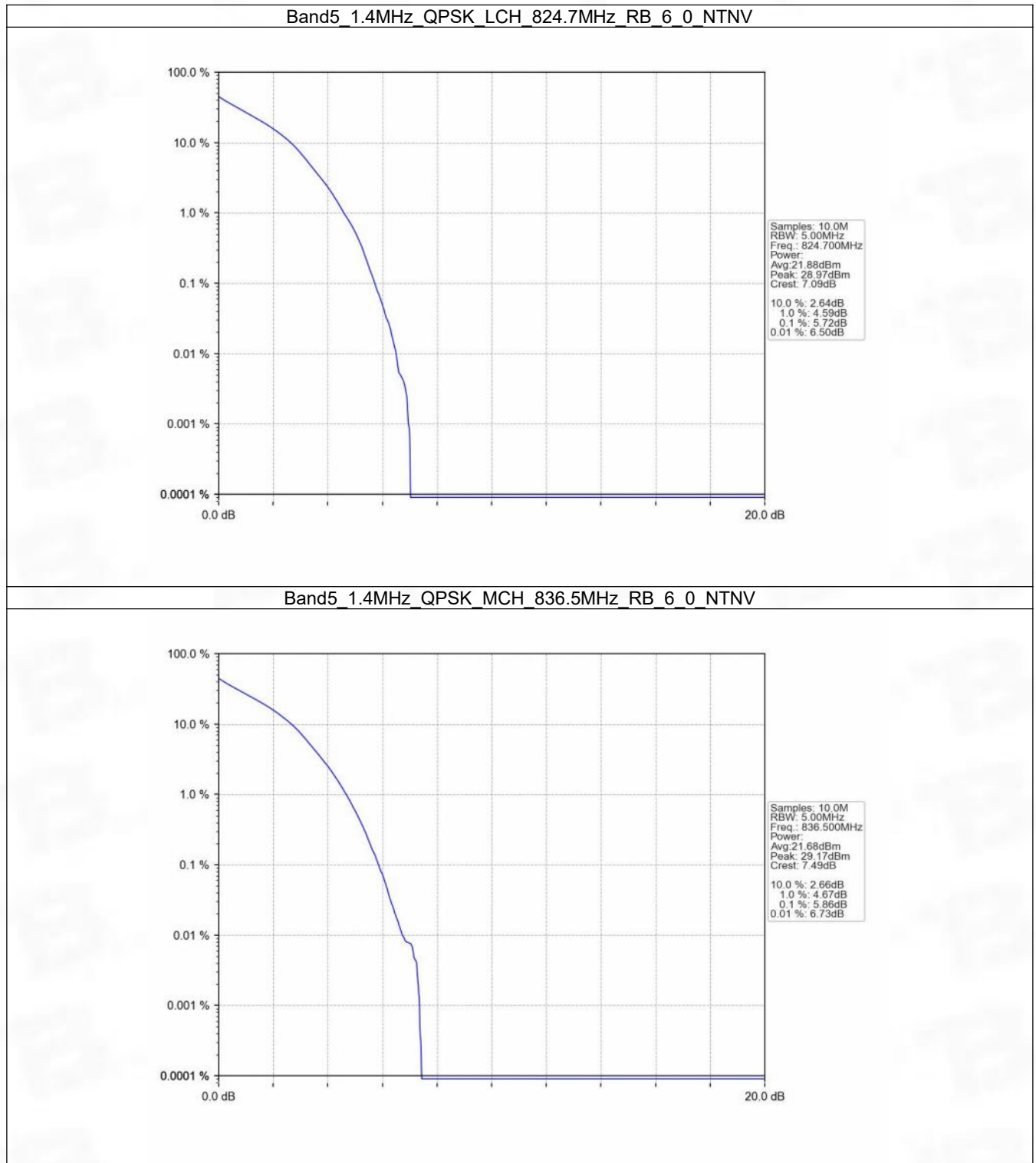
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.67	≤ 13	Pass
	836.5	50	0	5.81	≤ 13	Pass
	844	50	0	5.84	≤ 13	Pass
16QAM	829	50	0	6.45	≤ 13	Pass
	836.5	50	0	6.58	≤ 13	Pass

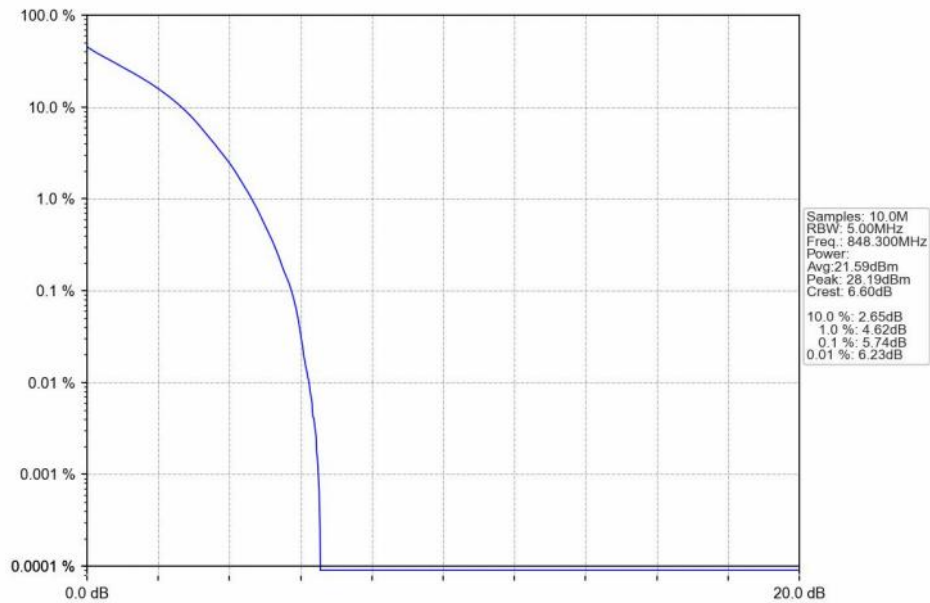
	844	50	0	6.55	<=13	Pass
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5.2 Test Graph

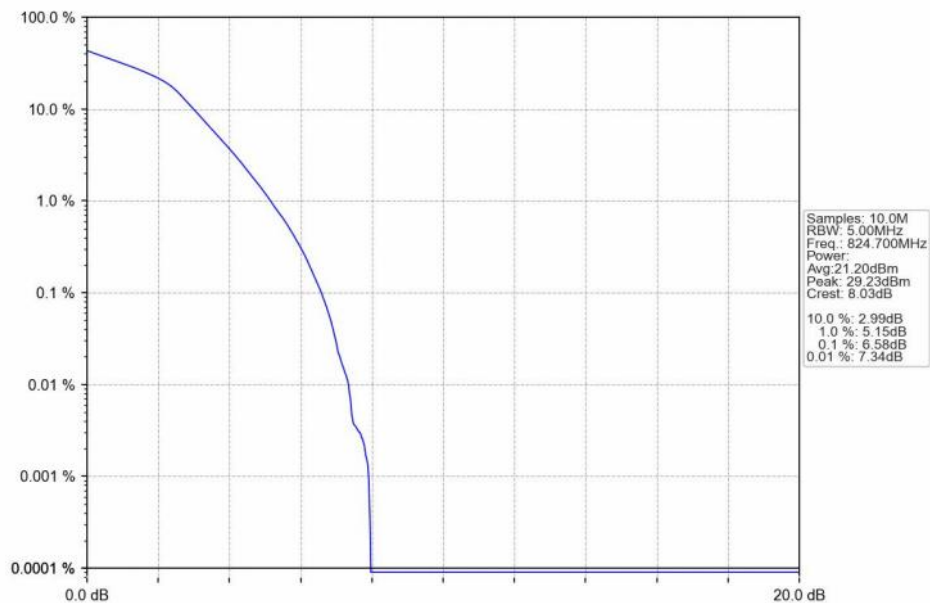
5.2.1 B5_1.4MHz



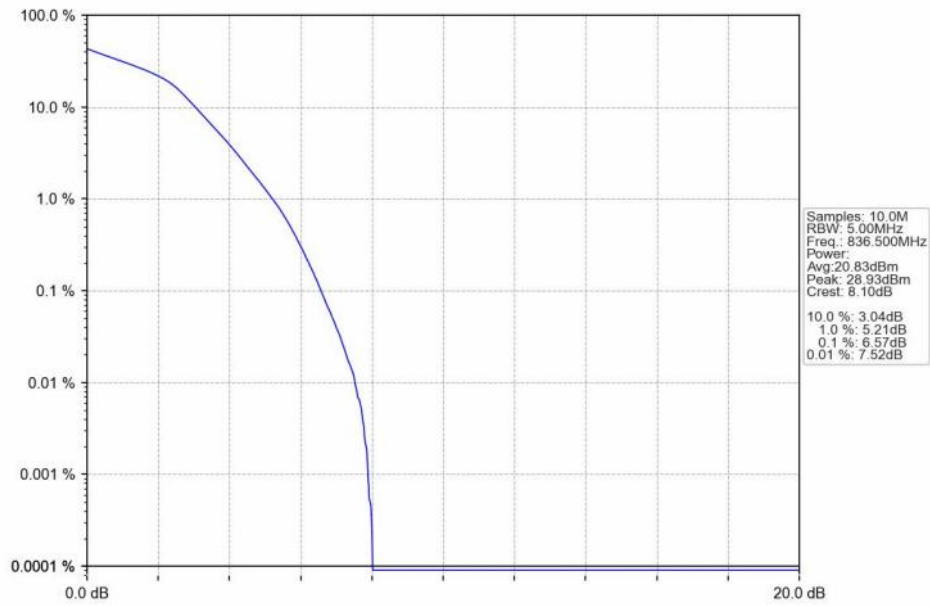
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



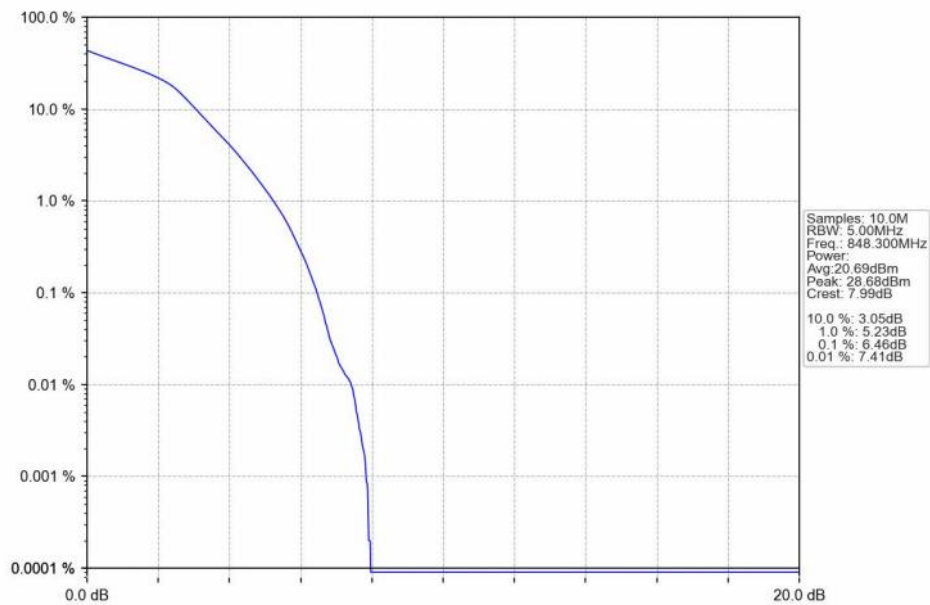
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



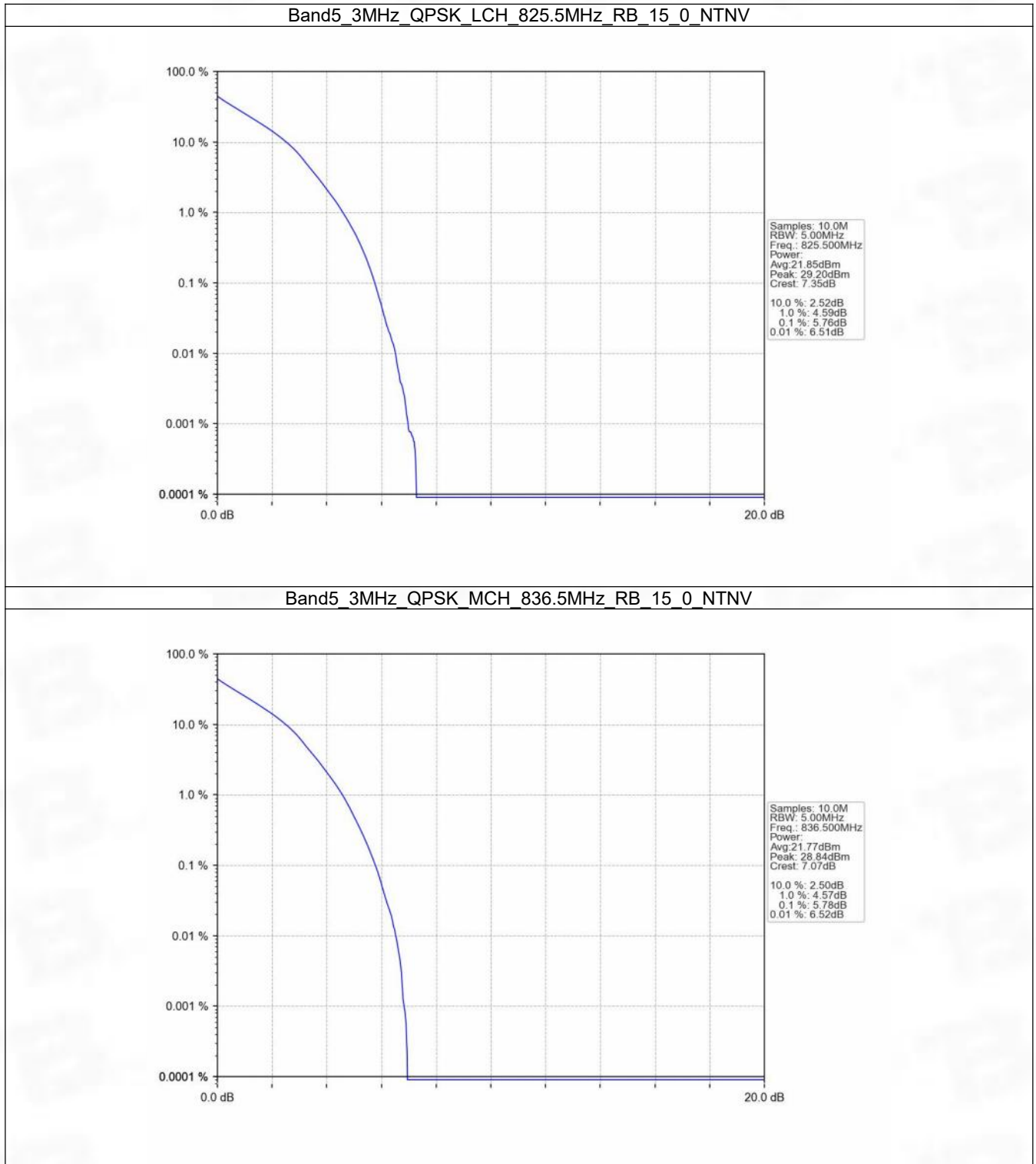
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



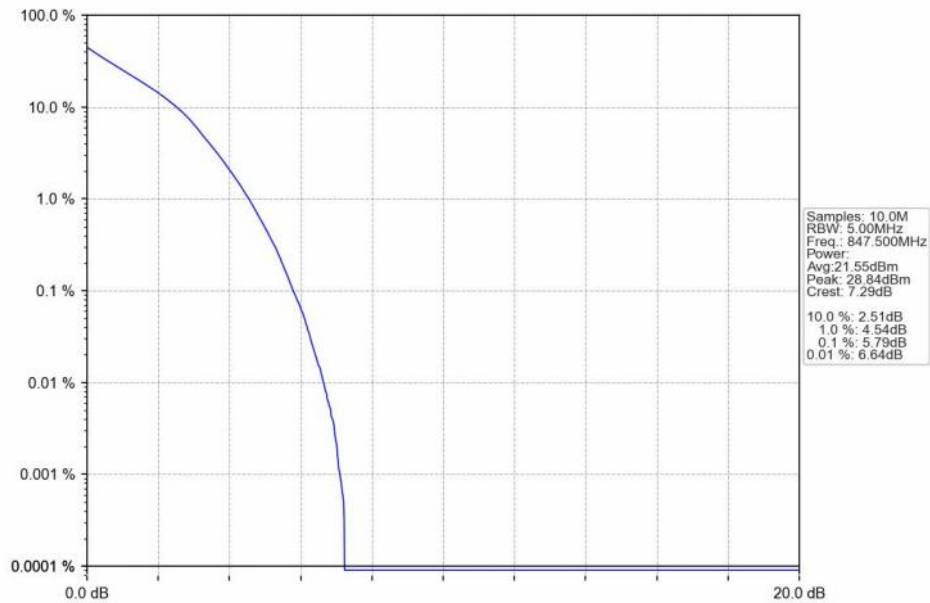
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



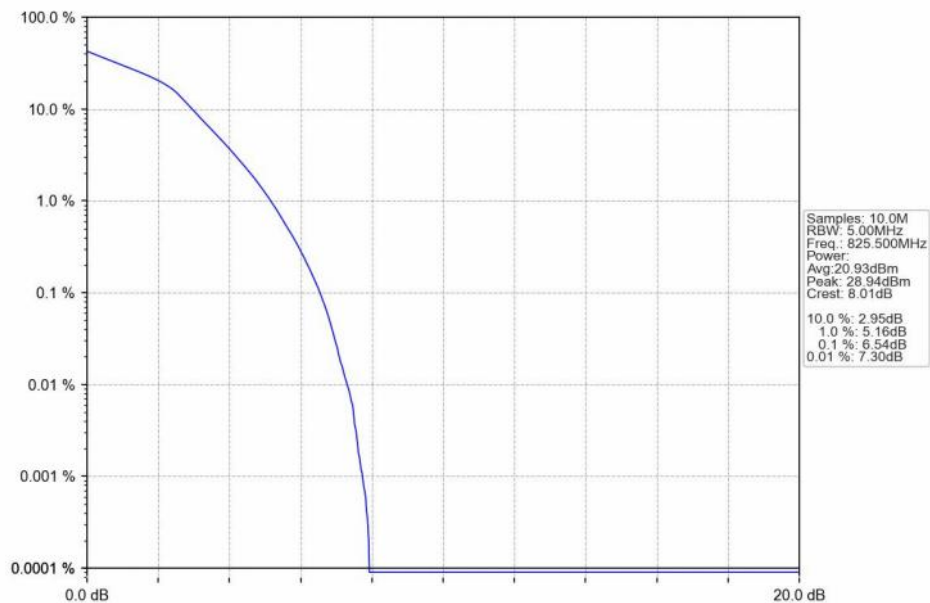
5.2.2 B5_3MHz



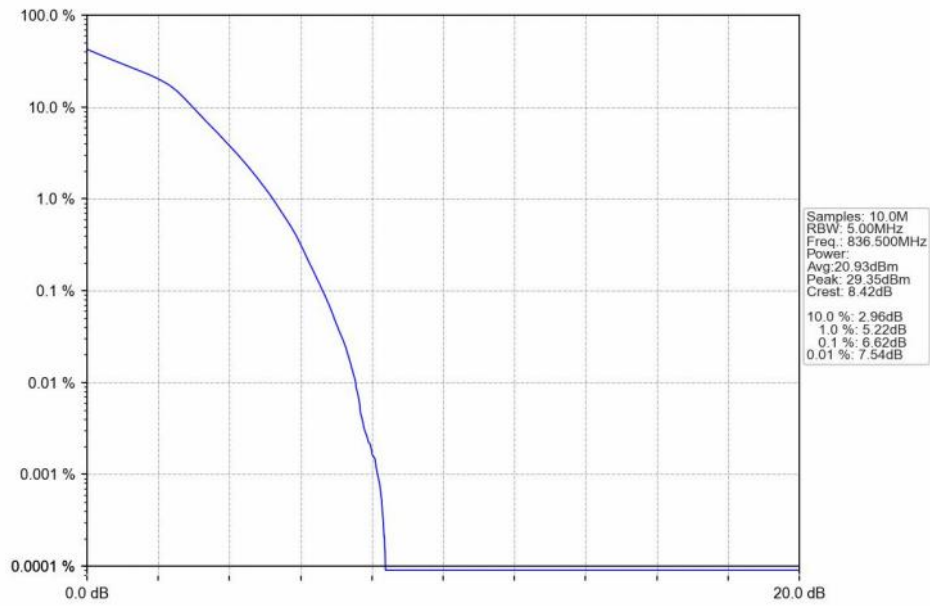
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



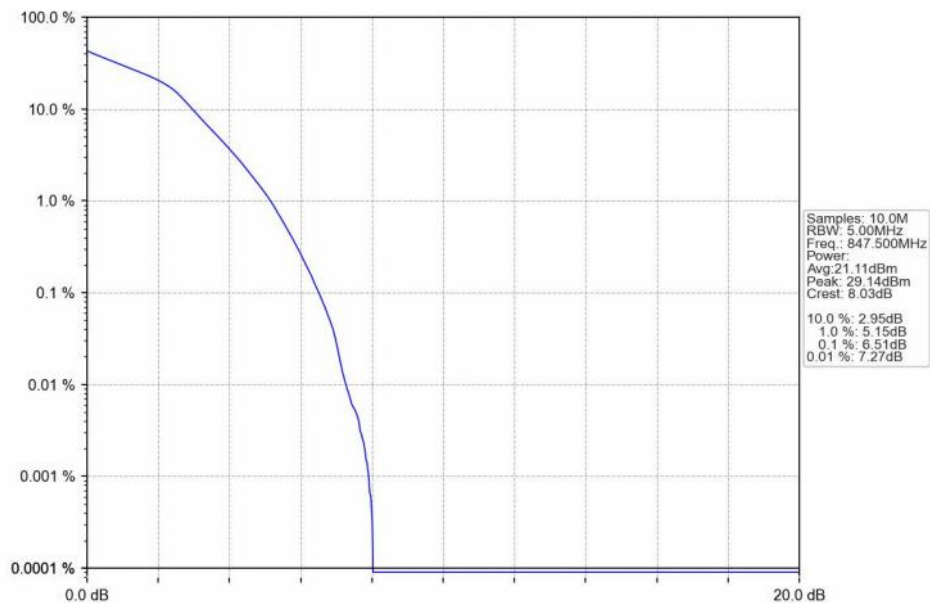
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



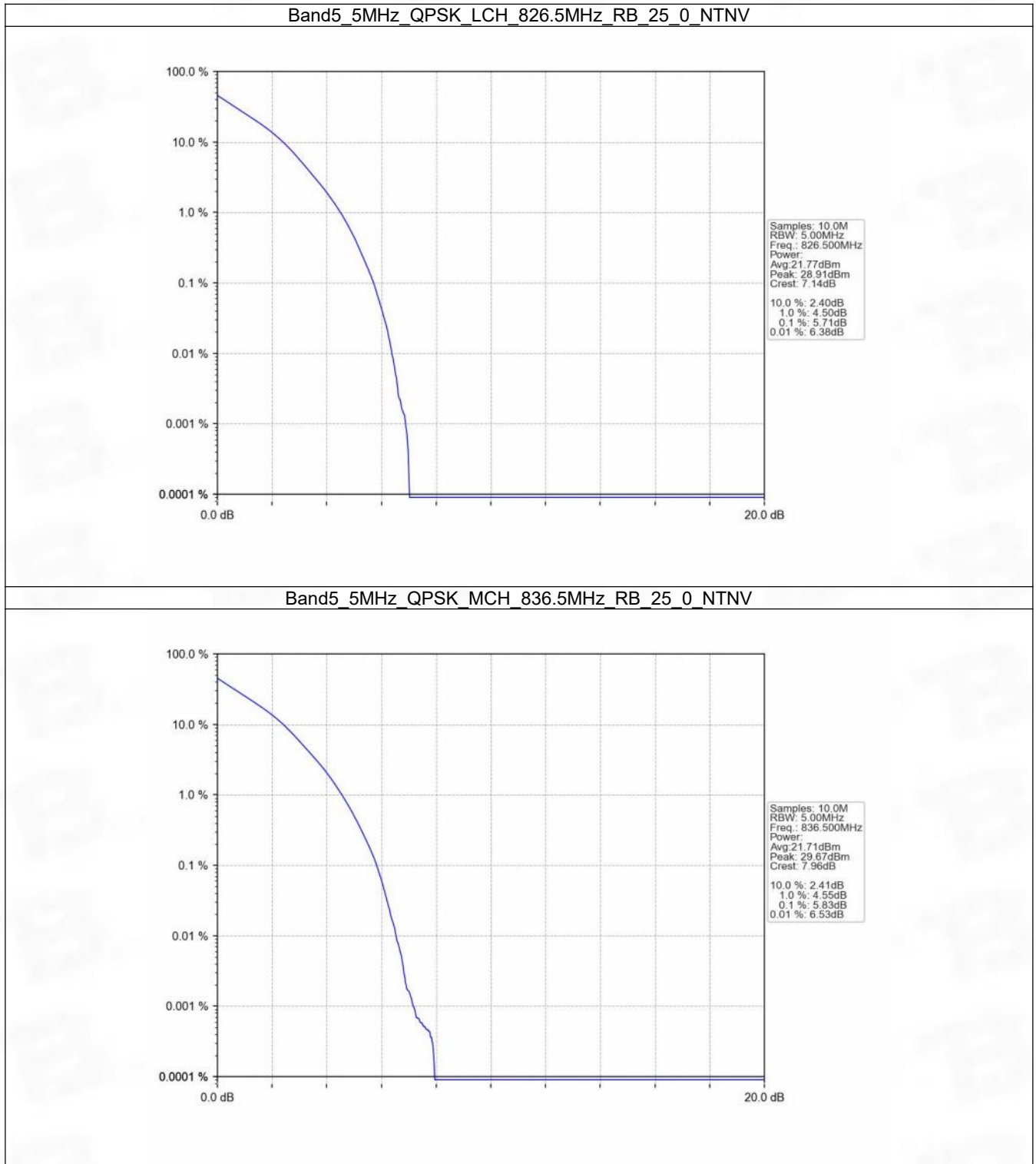
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



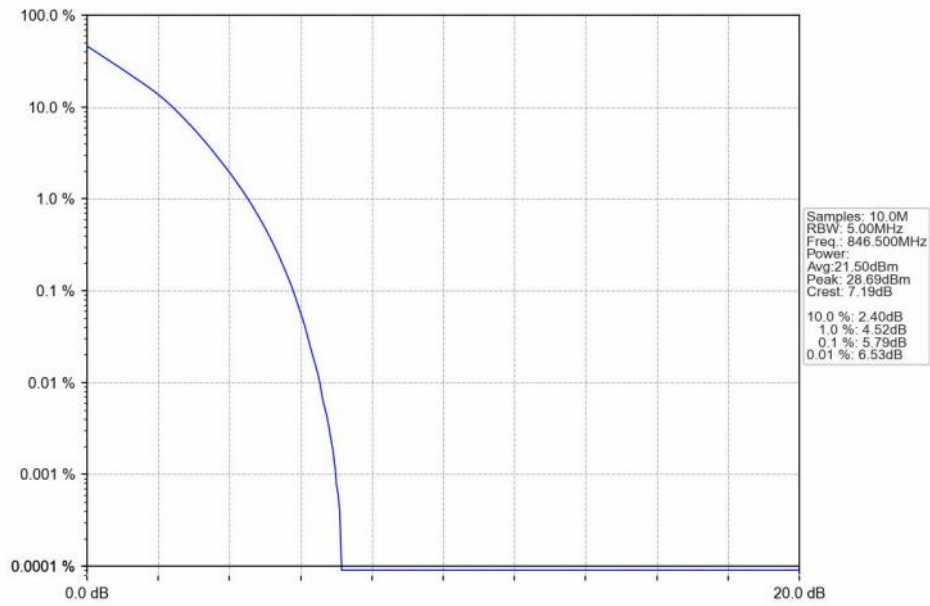
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



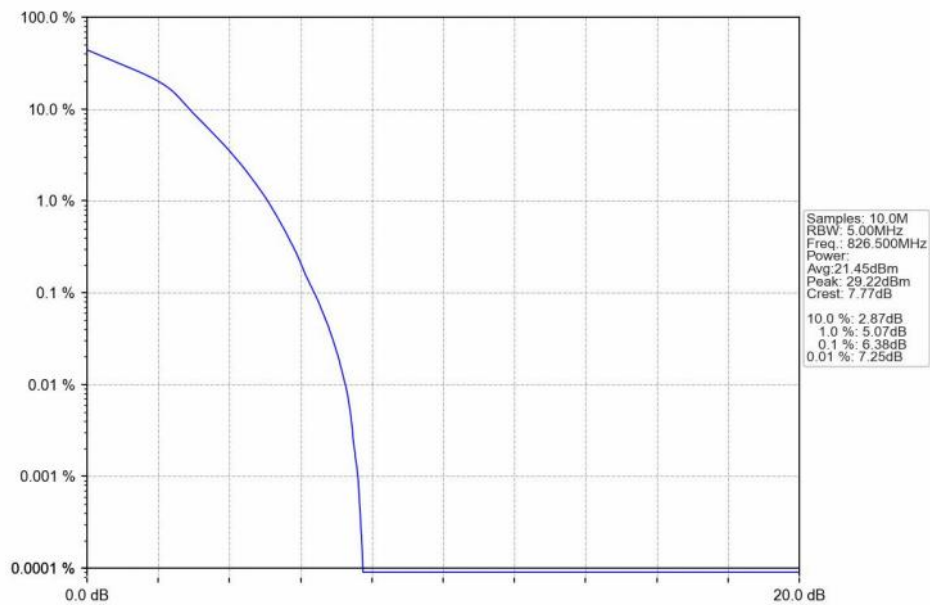
5.2.3 B5_5MHz



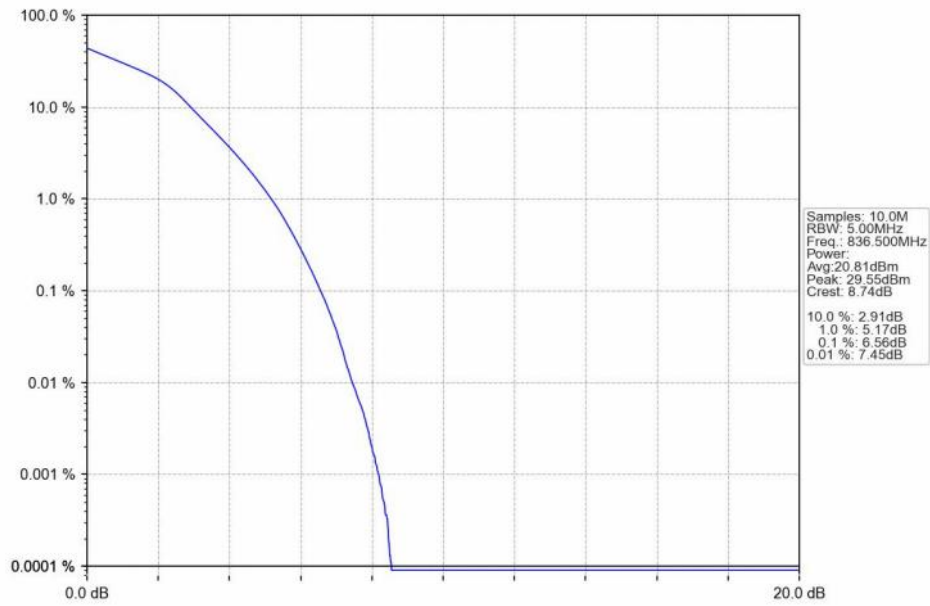
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



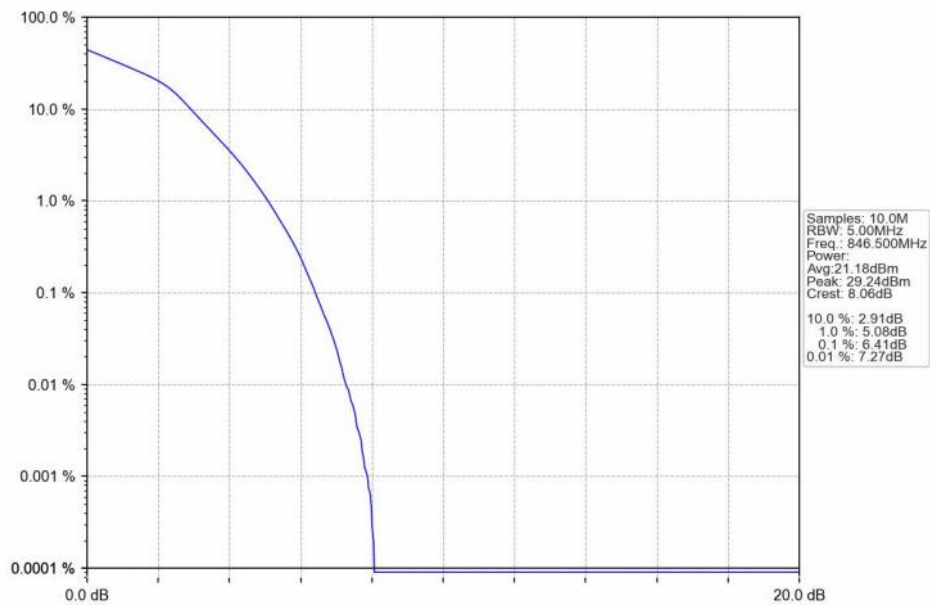
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



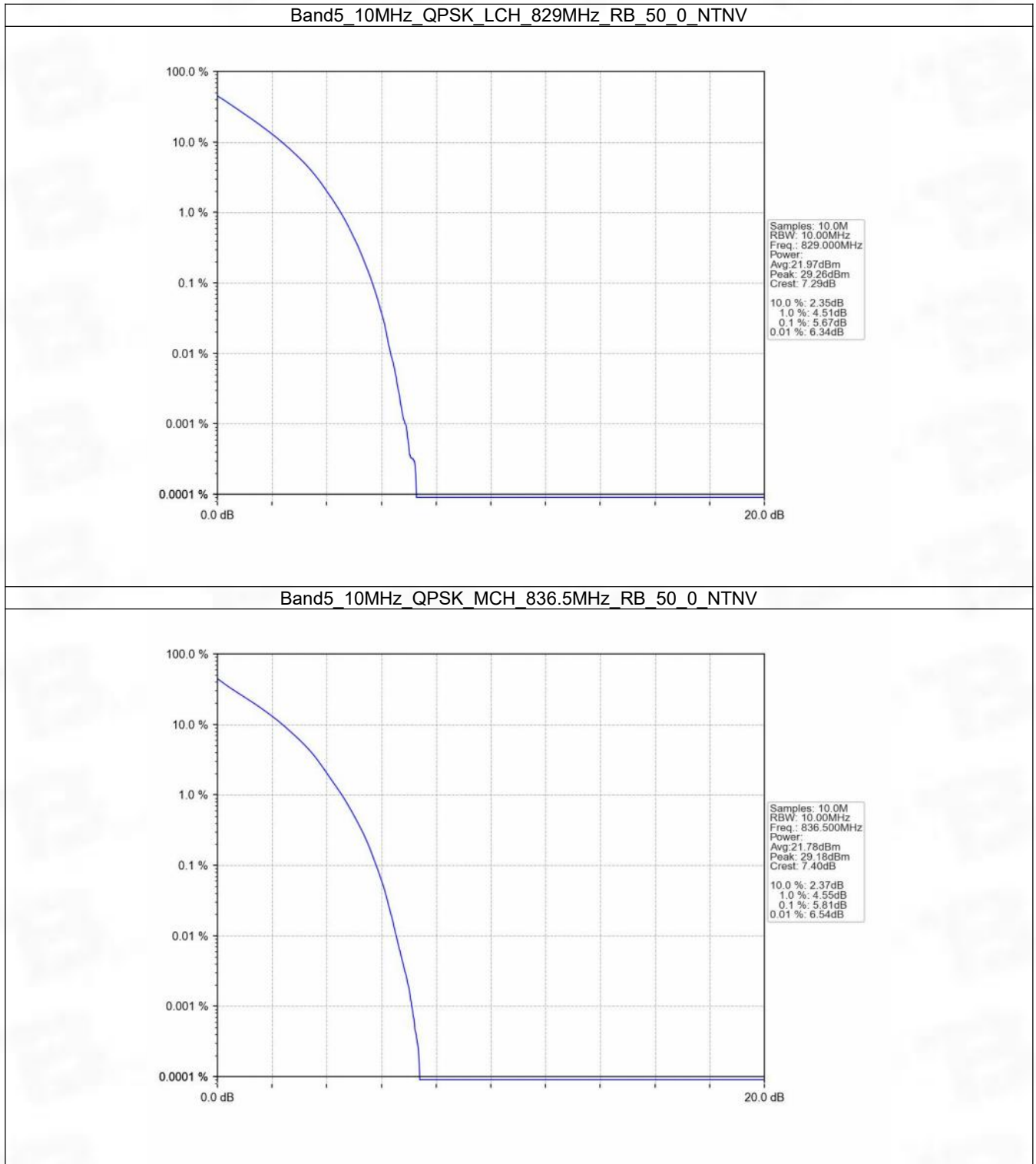
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



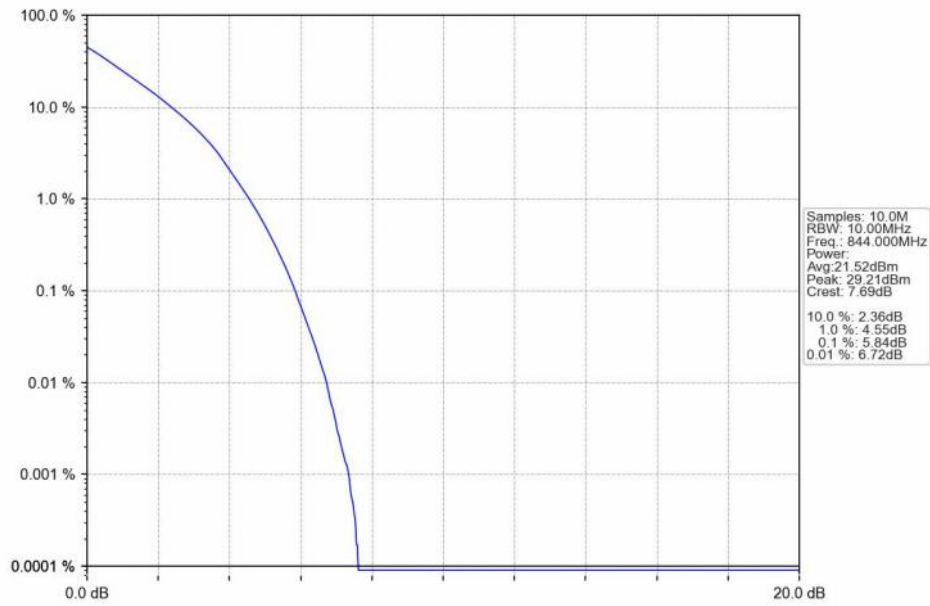
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



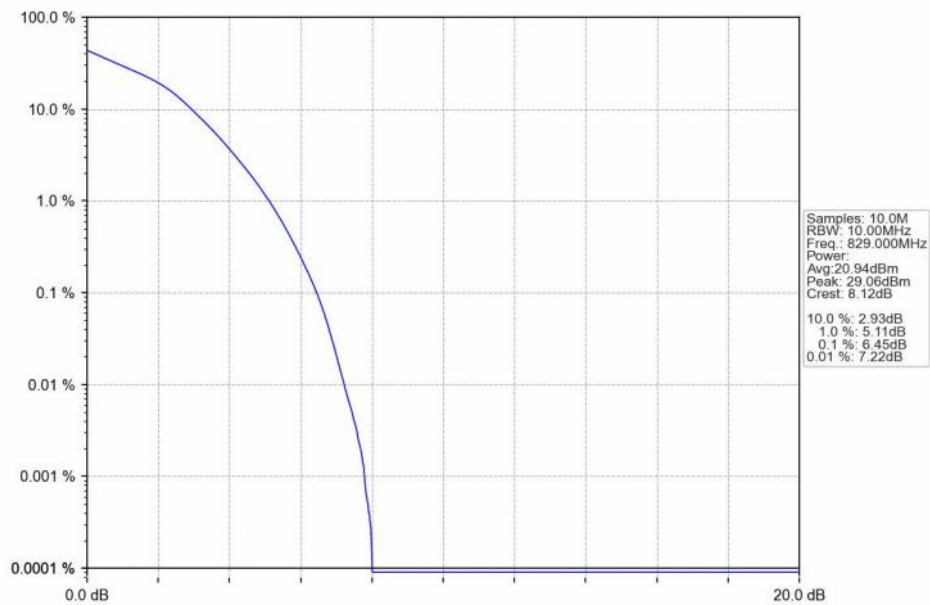
5.2.4 B5_10MHz



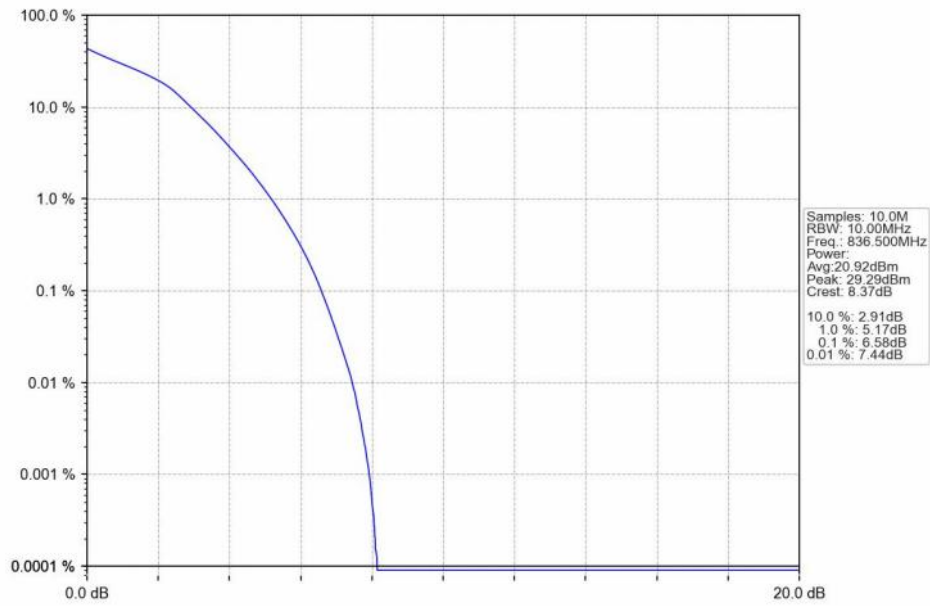
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



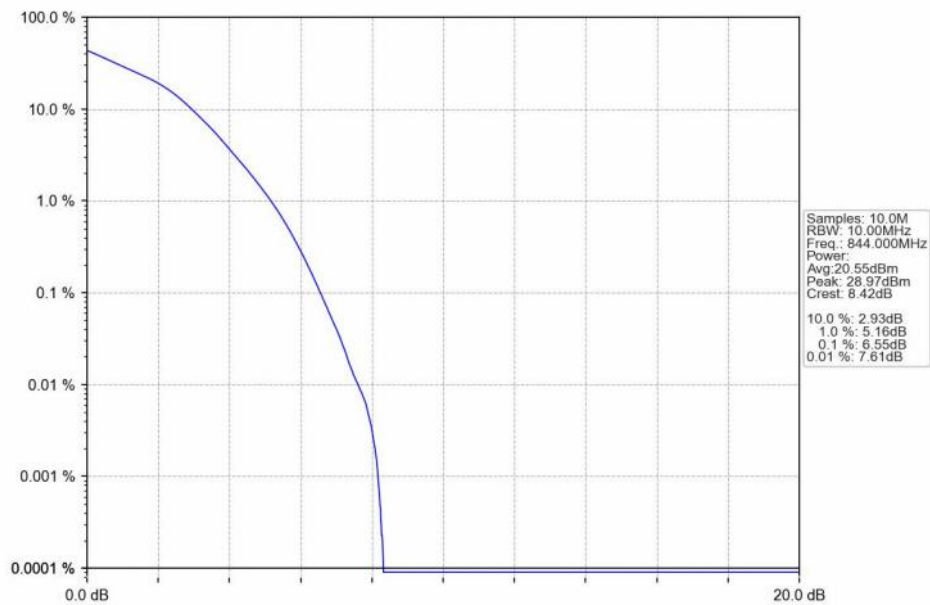
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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

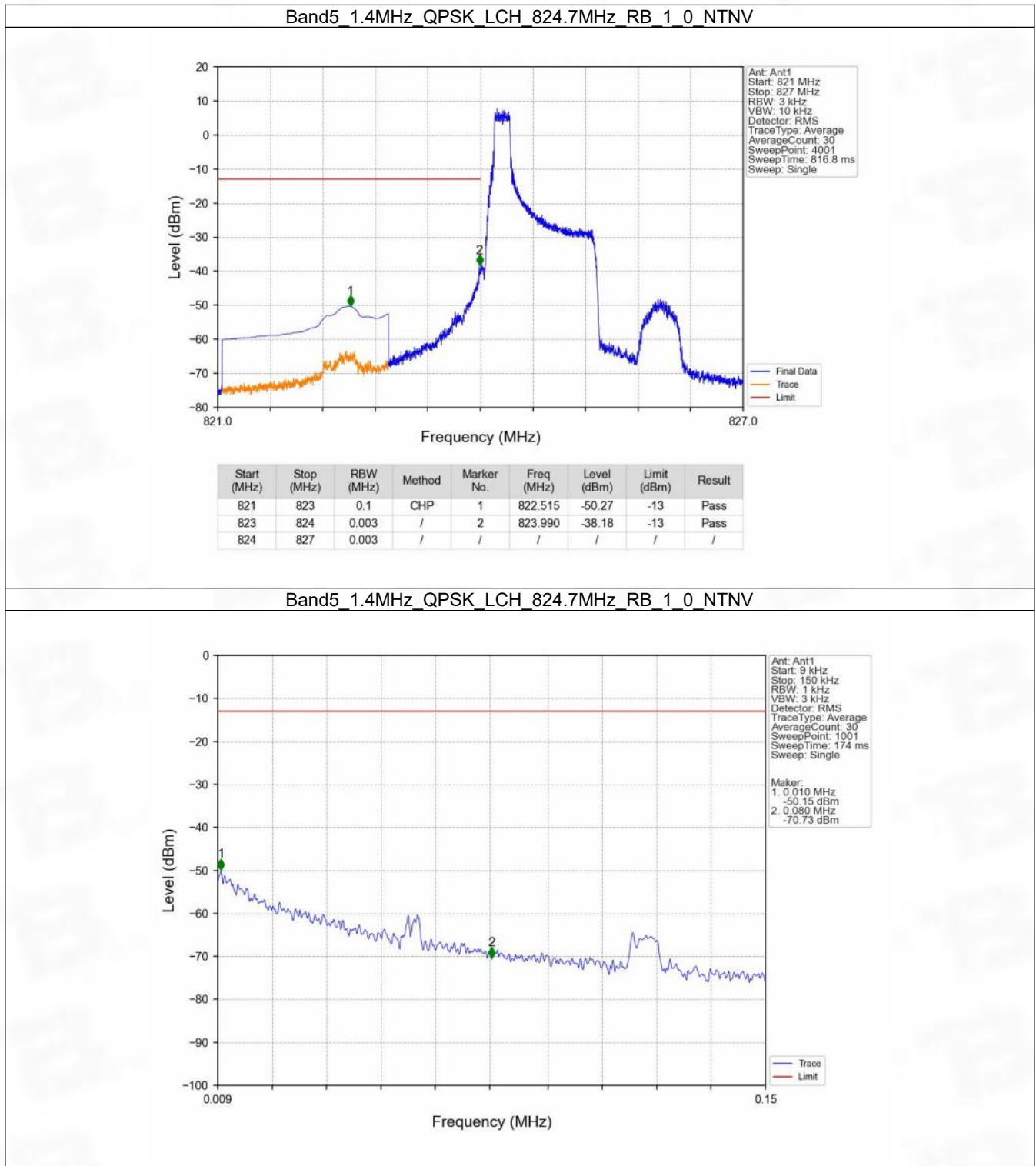
	836.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

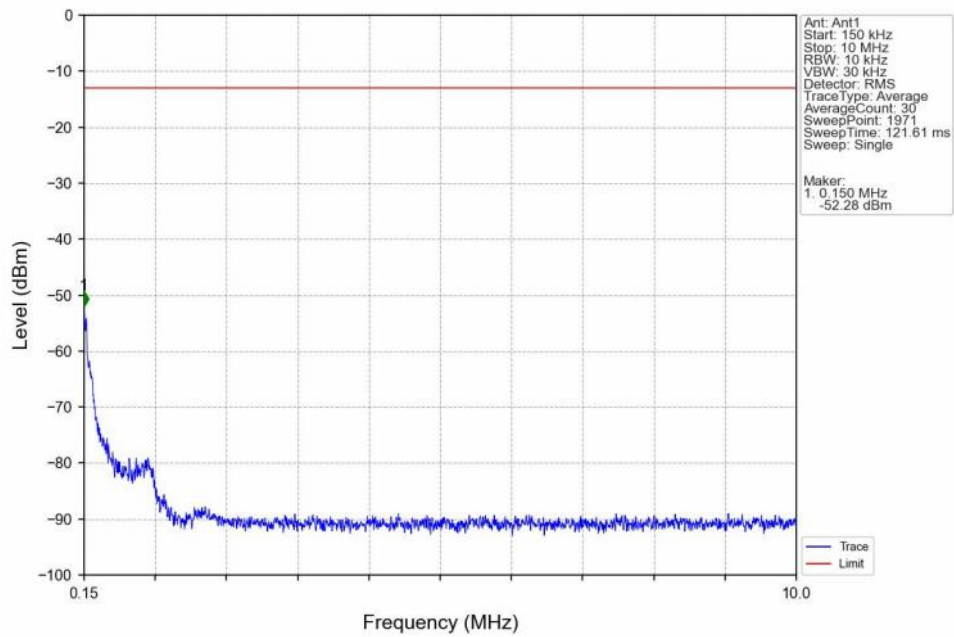
Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	844	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50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

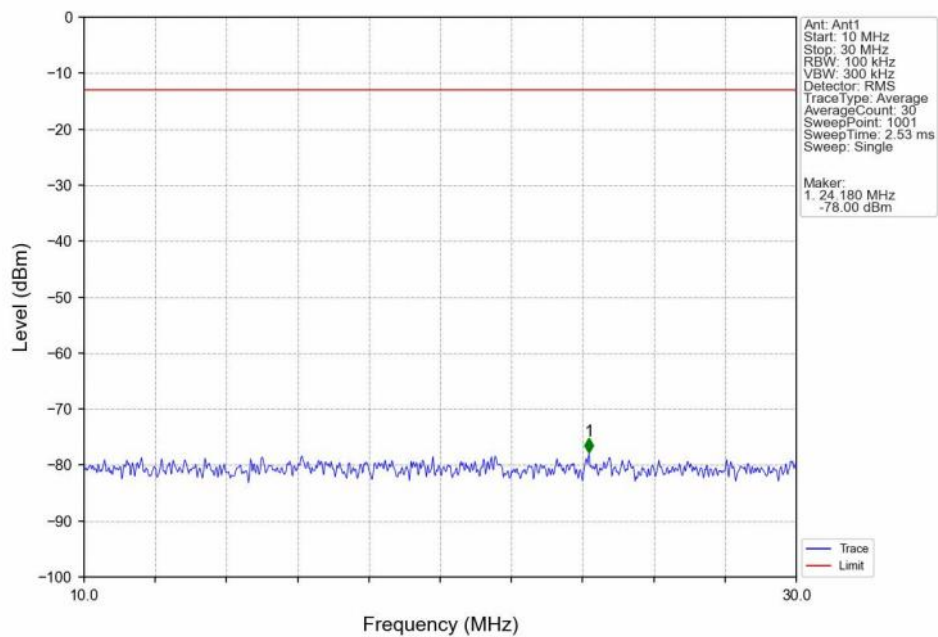
6.2.1 B5_1.4MHz



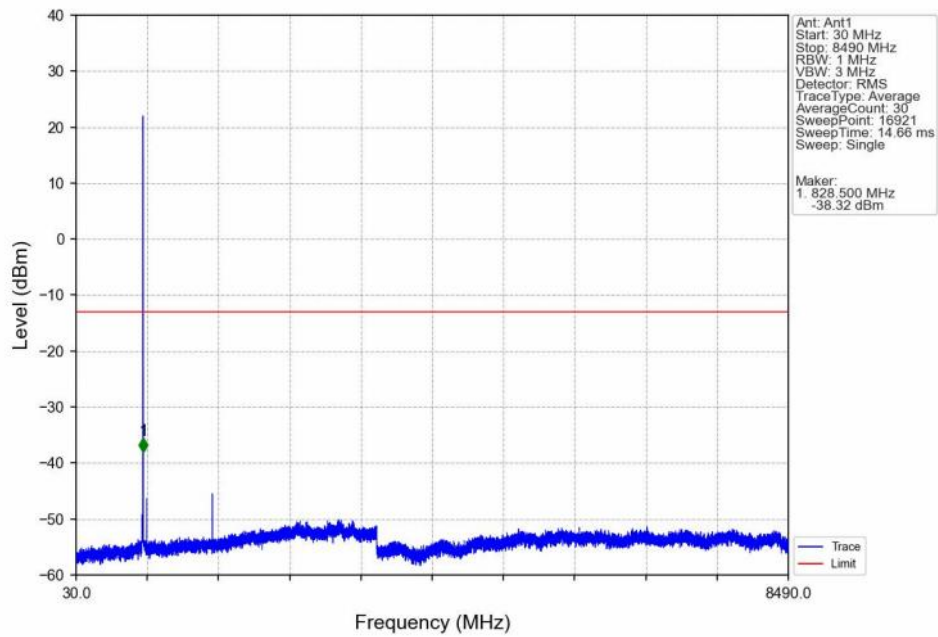
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



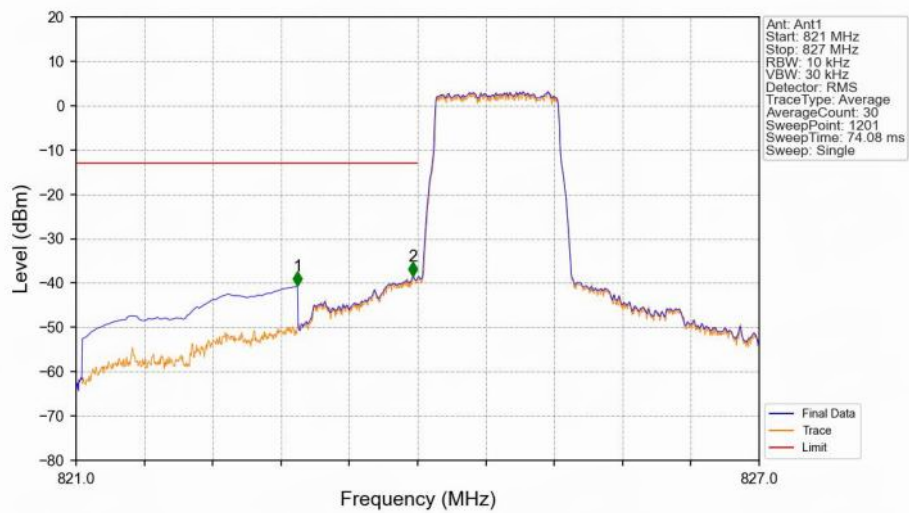
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

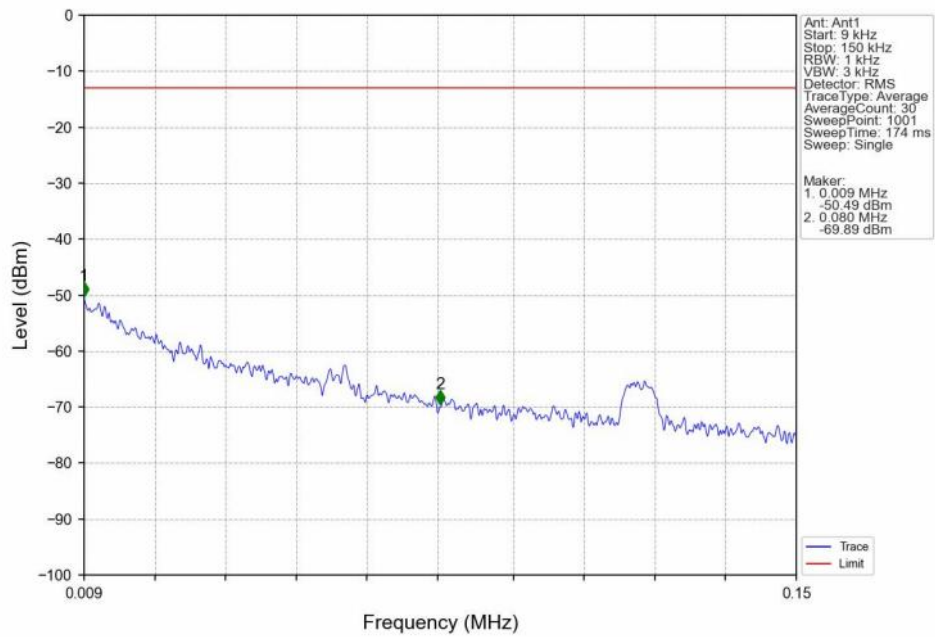


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-40.61	-13	Pass
823	824	0.013	CHP	2	823.960	-38.49	-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

