1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

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	22.15	-0.71	19.29	<=38.45	Pass
			2	22.20	-0.71	19.34	<=38.45	Pass
			5	22.13	-0.71	19.27	<=38.45	Pass
		3	0	22.29	-0.71	19.43	<=38.45	Pass
			2	22.28	-0.71	19.42	<=38.45	Pass
			3	22.23	-0.71	19.37	<=38.45	Pass
		6	0	21.11	-0.71	18.25	<=38.45	Pass
	836.5	1	0	22.04	-0.71	19.18	<=38.45	Pass
			2	22.14	-0.71	19.28	<=38.45	Pass
			5	22.14	-0.71	19.28	<=38.45	Pass
		3	0	22.21	-0.71	19.35	<=38.45	Pass
			2	22.11	-0.71	19.25	<=38.45	Pass
			3	22.16	-0.71	19.30	<=38.45	Pass
		6	0	21.19	-0.71	18.33	<=38.45	Pass
	848.3	1	0	22.22	-0.71	19.36	<=38.45	Pass
			2	22.39	-0.71	19.53	<=38.45	Pass
			5	22.36	-0.71	19.50	<=38.45	Pass
		3	0	22.20	-0.71	19.34	<=38.45	Pass
			2	22.25	-0.71	19.39	<=38.45	Pass
			3	22.18	-0.71	19.32	<=38.45	Pass
		6	0	21.13	-0.71	18.27	<=38.45	Pass
16QAM	824.7	1	0	21.30	-0.71	18.44	<=38.45	Pass
			2	21.28	-0.71	18.42	<=38.45	Pass
			5	21.25	-0.71	18.39	<=38.45	Pass
		3	0	21.08	-0.71	18.22	<=38.45	Pass
			2	21.08	-0.71	18.22	<=38.45	Pass
			3	21.04	-0.71	18.18	<=38.45	Pass
		6	0	20.21	-0.71	17.35	<=38.45	Pass
	836.5	1	0	21.27	-0.71	18.41	<=38.45	Pass
			2	21.44	-0.71	18.58	<=38.45	Pass
			5	21.38	-0.71	18.52	<=38.45	Pass
		3	0	21.24	-0.71	18.38	<=38.45	Pass
			2	21.25	-0.71	18.39	<=38.45	Pass
			3	21.20	-0.71	18.34	<=38.45	Pass
		6	0	20.66	-0.71	17.80	<=38.45	Pass
	848.3	1	0	20.72	-0.71	17.86	<=38.45	Pass
			2	20.69	-0.71	17.83	<=38.45	Pass
			5	20.74	-0.71	17.88	<=38.45	Pass
		3	0	20.94	-0.71	18.08	<=38.45	Pass
			2	20.89	-0.71	18.03	<=38.45	Pass
			3	20.92	-0.71	18.06	<=38.45	Pass
		6	0	20.23	-0.71	17.37	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B5_3MHz_ERP

1.2.1 Test Result

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	22.12	-0.71	19.26	<=38.45	Pass
			7	22.20	-0.71	19.34	<=38.45	Pass
			14	22.15	-0.71	19.29	<=38.45	Pass
		8	0	21.23	-0.71	18.37	<=38.45	Pass
			4	21.25	-0.71	18.39	<=38.45	Pass
			7	21.19	-0.71	18.33	<=38.45	Pass
		15	0	21.24	-0.71	18.38	<=38.45	Pass
	836.5	1	0	22.07	-0.71	19.21	<=38.45	Pass
			7	22.08	-0.71	19.22	<=38.45	Pass
			14	22.08	-0.71	19.22	<=38.45	Pass
		8	0	21.10	-0.71	18.24	<=38.45	Pass
			4	21.13	-0.71	18.27	<=38.45	Pass
			7	21.20	-0.71	18.34	<=38.45	Pass
		15	0	21.23	-0.71	18.37	<=38.45	Pass
	847.5	1	0	22.27	-0.71	19.41	<=38.45	Pass
			7	22.30	-0.71	19.44	<=38.45	Pass
			14	22.32	-0.71	19.46	<=38.45	Pass
		8	0	21.26	-0.71	18.40	<=38.45	Pass
			4	21.31	-0.71	18.45	<=38.45	Pass
			7	21.19	-0.71	18.33	<=38.45	Pass
		15	0	21.30	-0.71	18.44	<=38.45	Pass
16QAM	825.5	1	0	21.60	-0.71	18.74	<=38.45	Pass
			7	21.56	-0.71	18.70	<=38.45	Pass
			14	21.59	-0.71	18.73	<=38.45	Pass
		8	0	20.49	-0.71	17.63	<=38.45	Pass
			4	20.51	-0.71	17.65	<=38.45	Pass
			7	20.49	-0.71	17.63	<=38.45	Pass
		15	0	20.27	-0.71	17.41	<=38.45	Pass
	836.5	1	0	21.84	-0.71	18.98	<=38.45	Pass
			7	21.89	-0.71	19.03	<=38.45	Pass
			14	21.86	-0.71	19.00	<=38.45	Pass
		8	0	20.23	-0.71	17.37	<=38.45	Pass
			4	20.61	-0.71	17.75	<=38.45	Pass
			7	20.64	-0.71	17.78	<=38.45	Pass
		15	0	20.64	-0.71	17.78	<=38.45	Pass
	847.5	1	0	21.02	-0.71	18.16	<=38.45	Pass
			7	21.01	-0.71	18.15	<=38.45	Pass
			14	21.04	-0.71	18.18	<=38.45	Pass
		8	0	20.76	-0.71	17.90	<=38.45	Pass
			4	20.71	-0.71	17.85	<=38.45	Pass
			7	20.46	-0.71	17.60	<=38.45	Pass
		15	0	20.59	-0.71	17.73	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B5_5MHz_ERP

1.3.1 Test Result

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	22.26	-0.71	19.40	<=38.45	Pass
			13	22.27	-0.71	19.41	<=38.45	Pass
			24	22.20	-0.71	19.34	<=38.45	Pass
		12	0	21.19	-0.71	18.33	<=38.45	Pass
			6	21.32	-0.71	18.46	<=38.45	Pass
			13	21.17	-0.71	18.31	<=38.45	Pass
		25	0	21.20	-0.71	18.34	<=38.45	Pass
	836.5	1	0	22.18	-0.71	19.32	<=38.45	Pass
			13	22.14	-0.71	19.28	<=38.45	Pass
			24	22.13	-0.71	19.27	<=38.45	Pass
		12	0	21.10	-0.71	18.24	<=38.45	Pass
			6	21.21	-0.71	18.35	<=38.45	Pass
			13	21.12	-0.71	18.26	<=38.45	Pass
		25	0	21.21	-0.71	18.35	<=38.45	Pass
	846.5	1	0	22.14	-0.71	19.28	<=38.45	Pass
			13	22.14	-0.71	19.28	<=38.45	Pass
			24	22.19	-0.71	19.33	<=38.45	Pass
		12	0	21.20	-0.71	18.34	<=38.45	Pass
			6	21.32	-0.71	18.46	<=38.45	Pass
			13	21.28	-0.71	18.42	<=38.45	Pass
		25	0	21.37	-0.71	18.51	<=38.45	Pass
16QAM	826.5	1	0	20.34	-0.71	17.48	<=38.45	Pass
			13	20.33	-0.71	17.47	<=38.45	Pass
			24	20.37	-0.71	17.51	<=38.45	Pass
		12	0	20.18	-0.71	17.32	<=38.45	Pass
			6	20.31	-0.71	17.45	<=38.45	Pass
			13	20.21	-0.71	17.35	<=38.45	Pass
		25	0	20.36	-0.71	17.50	<=38.45	Pass
	836.5	1	0	21.16	-0.71	18.30	<=38.45	Pass
			13	21.23	-0.71	18.37	<=38.45	Pass
			24	21.31	-0.71	18.45	<=38.45	Pass
		12	0	20.17	-0.71	17.31	<=38.45	Pass
			6	20.55	-0.71	17.69	<=38.45	Pass
			13	20.61	-0.71	17.75	<=38.45	Pass
		25	0	20.55	-0.71	17.69	<=38.45	Pass
	846.5	1	0	21.26	-0.71	18.40	<=38.45	Pass
			13	21.30	-0.71	18.44	<=38.45	Pass
			24	21.29	-0.71	18.43	<=38.45	Pass
		12	0	20.23	-0.71	17.37	<=38.45	Pass
			6	20.62	-0.71	17.76	<=38.45	Pass
			13	20.59	-0.71	17.73	<=38.45	Pass
		25	0	20.75	-0.71	17.89	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B5_10MHz_ERP

1.4.1 Test Result

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	22.15	-0.71	19.29	<=38.45	Pass
			25	22.09	-0.71	19.23	<=38.45	Pass
			49	22.12	-0.71	19.26	<=38.45	Pass
		25	0	21.14	-0.71	18.28	<=38.45	Pass
			13	21.20	-0.71	18.34	<=38.45	Pass
			25	21.24	-0.71	18.38	<=38.45	Pass
		50	0	21.20	-0.71	18.34	<=38.45	Pass
	836.5	1	0	22.27	-0.71	19.41	<=38.45	Pass
			25	22.29	-0.71	19.43	<=38.45	Pass
			49	22.30	-0.71	19.44	<=38.45	Pass
		25	0	21.07	-0.71	18.21	<=38.45	Pass
			13	21.24	-0.71	18.38	<=38.45	Pass
			25	21.21	-0.71	18.35	<=38.45	Pass
		50	0	21.22	-0.71	18.36	<=38.45	Pass
	844	1	0	22.24	-0.71	19.38	<=38.45	Pass
			25	22.29	-0.71	19.43	<=38.45	Pass
			49	22.33	-0.71	19.47	<=38.45	Pass
		25	0	21.26	-0.71	18.40	<=38.45	Pass
			13	21.16	-0.71	18.30	<=38.45	Pass
			25	21.41	-0.71	18.55	<=38.45	Pass
		50	0	21.22	-0.71	18.36	<=38.45	Pass
16QAM	829	1	0	21.40	-0.71	18.54	<=38.45	Pass
			25	21.35	-0.71	18.49	<=38.45	Pass
			49	21.26	-0.71	18.40	<=38.45	Pass
		25	0	20.31	-0.71	17.45	<=38.45	Pass
			13	20.56	-0.71	17.70	<=38.45	Pass
			25	20.25	-0.71	17.39	<=38.45	Pass
		50	0	20.54	-0.71	17.68	<=38.45	Pass
	836.5	1	0	21.36	-0.71	18.50	<=38.45	Pass
			25	21.38	-0.71	18.52	<=38.45	Pass
			49	21.35	-0.71	18.49	<=38.45	Pass
		25	0	20.25	-0.71	17.39	<=38.45	Pass
			13	20.71	-0.71	17.85	<=38.45	Pass
			25	20.37	-0.71	17.51	<=38.45	Pass
		50	0	20.70	-0.71	17.84	<=38.45	Pass
	844	1	0	20.78	-0.71	17.92	<=38.45	Pass
			25	20.69	-0.71	17.83	<=38.45	Pass
			49	20.79	-0.71	17.93	<=38.45	Pass
		25	0	20.35	-0.71	17.49	<=38.45	Pass
			13	20.29	-0.71	17.43	<=38.45	Pass
			25	20.72	-0.71	17.86	<=38.45	Pass
		50	0	20.12	-0.71	17.26	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B5_1.4MHz

2.1.1 Test Result

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	-16.565	-0.0201	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0040	-2.5 to 2.5	Pass
					4.43	-18.783	-0.0228	-2.5 to 2.5	Pass
				-30	3.85	-26.236	-0.0318	-2.5 to 2.5	Pass
				-20	3.85	-31.986	-0.0388	-2.5 to 2.5	Pass
				-10	3.85	-35.748	-0.0433	-2.5 to 2.5	Pass
				0	3.85	-38.252	-0.0464	-2.5 to 2.5	Pass
				10	3.85	-41.142	-0.0499	-2.5 to 2.5	Pass
				30	3.85	-31.528	-0.0382	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	12.059	0.0144	-2.5 to 2.5	Pass
					3.85	-9.313	-0.0111	-2.5 to 2.5	Pass
					4.43	-32.101	-0.0384	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-14.920	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	-22.631	-0.0271	-2.5 to 2.5	Pass
				0	3.85	-27.924	-0.0334	-2.5 to 2.5	Pass
				10	3.85	-31.815	-0.0380	-2.5 to 2.5	Pass
				30	3.85	-31.314	-0.0374	-2.5 to 2.5	Pass
				40	3.85	-31.199	-0.0373	-2.5 to 2.5	Pass
				50	3.85	-31.099	-0.0372	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	8.740	0.0103	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0034	-2.5 to 2.5	Pass
					4.43	-10.128	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-12.989	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-11.001	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-8.798	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-4.692	-0.0055	-2.5 to 2.5	Pass
				10	3.85	1.731	0.0020	-2.5 to 2.5	Pass
				30	3.85	9.441	0.0111	-2.5 to 2.5	Pass
				40	3.85	15.922	0.0188	-2.5 to 2.5	Pass
				50	3.85	23.990	0.0283	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-5.364	-0.0065	-2.5 to 2.5	Pass
					3.85	-9.713	-0.0118	-2.5 to 2.5	Pass
					4.43	-18.868	-0.0229	-2.5 to 2.5	Pass
				-30	3.85	-27.623	-0.0335	-2.5 to 2.5	Pass
				-20	3.85	-35.405	-0.0429	-2.5 to 2.5	Pass
				-10	3.85	-42.744	-0.0518	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-9.313	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-15.593	-0.0189	-2.5 to 2.5	Pass
				40	3.85	-20.914	-0.0254	-2.5 to 2.5	Pass
				50	3.85	-27.008	-0.0327	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-27.823	-0.0333	-2.5 to 2.5	Pass
					3.85	-23.432	-0.0280	-2.5 to 2.5	Pass
					4.43	-20.428	-0.0244	-2.5 to 2.5	Pass

				-30	3.85	-18.511	-0.0221	-2.5 to 2.5	Pass
				-20	3.85	-14.763	-0.0176	-2.5 to 2.5	Pass
				-10	3.85	-12.503	-0.0149	-2.5 to 2.5	Pass
				0	3.85	-8.798	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				50	3.85	2.017	0.0024	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	32.258	0.0380	-2.5 to 2.5	Pass
					3.85	40.913	0.0482	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	2.303	0.0027	-2.5 to 2.5	Pass
				-20	3.85	7.253	0.0086	-2.5 to 2.5	Pass
				-10	3.85	11.816	0.0139	-2.5 to 2.5	Pass
				0	3.85	16.422	0.0194	-2.5 to 2.5	Pass
				10	3.85	21.586	0.0254	-2.5 to 2.5	Pass
				30	3.85	25.721	0.0303	-2.5 to 2.5	Pass
				40	3.85	29.325	0.0346	-2.5 to 2.5	Pass
				50	3.85	36.821	0.0434	-2.5 to 2.5	Pass

2.2 B5_3MHz

2.2.1 Test Result

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	5.951	0.0072	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0053	-2.5 to 2.5	Pass
					4.43	-6.151	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.322	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0014	-2.5 to 2.5	Pass
				-10	3.85	5.951	0.0072	-2.5 to 2.5	Pass
				0	3.85	10.629	0.0129	-2.5 to 2.5	Pass
				10	3.85	17.610	0.0213	-2.5 to 2.5	Pass
				30	3.85	25.234	0.0306	-2.5 to 2.5	Pass
				40	3.85	32.573	0.0395	-2.5 to 2.5	Pass
				50	3.85	39.110	0.0474	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	3.648	0.0044	-2.5 to 2.5	Pass
					3.85	4.635	0.0055	-2.5 to 2.5	Pass
					4.43	7.753	0.0093	-2.5 to 2.5	Pass
				-30	3.85	10.958	0.0131	-2.5 to 2.5	Pass
				-20	3.85	15.950	0.0191	-2.5 to 2.5	Pass
				-10	3.85	22.445	0.0268	-2.5 to 2.5	Pass
				0	3.85	28.725	0.0343	-2.5 to 2.5	Pass
				10	3.85	34.461	0.0412	-2.5 to 2.5	Pass
				30	3.85	39.725	0.0475	-2.5 to 2.5	Pass
				40	3.85	46.434	0.0555	-2.5 to 2.5	Pass
				50	3.85	5.794	0.0069	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	4.563	0.0054	-2.5 to 2.5	Pass
					3.85	5.093	0.0060	-2.5 to 2.5	Pass
					4.43	12.388	0.0146	-2.5 to 2.5	Pass
				-30	3.85	21.415	0.0253	-2.5 to 2.5	Pass
				-20	3.85	32.315	0.0381	-2.5 to 2.5	Pass
				-10	3.85	41.084	0.0485	-2.5 to 2.5	Pass

				0	3.85	7.052	0.0083	-2.5 to 2.5	Pass
				10	3.85	15.149	0.0179	-2.5 to 2.5	Pass
				30	3.85	22.945	0.0271	-2.5 to 2.5	Pass
				40	3.85	30.141	0.0356	-2.5 to 2.5	Pass
				50	3.85	37.794	0.0446	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	45.962	0.0557	-2.5 to 2.5	Pass
					3.85	2.289	0.0028	-2.5 to 2.5	Pass
					4.43	6.552	0.0079	-2.5 to 2.5	Pass
				-30	3.85	10.643	0.0129	-2.5 to 2.5	Pass
				-20	3.85	12.903	0.0156	-2.5 to 2.5	Pass
				-10	3.85	16.208	0.0196	-2.5 to 2.5	Pass
				0	3.85	17.409	0.0211	-2.5 to 2.5	Pass
				10	3.85	20.256	0.0245	-2.5 to 2.5	Pass
				30	3.85	22.430	0.0272	-2.5 to 2.5	Pass
				40	3.85	25.520	0.0309	-2.5 to 2.5	Pass
				50	3.85	27.494	0.0333	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	11.129	0.0133	-2.5 to 2.5	Pass
					3.85	15.335	0.0183	-2.5 to 2.5	Pass
					4.43	18.439	0.0220	-2.5 to 2.5	Pass
				-30	3.85	18.411	0.0220	-2.5 to 2.5	Pass
				-20	3.85	20.027	0.0239	-2.5 to 2.5	Pass
				-10	3.85	19.240	0.0230	-2.5 to 2.5	Pass
				0	3.85	18.826	0.0225	-2.5 to 2.5	Pass
				10	3.85	21.358	0.0255	-2.5 to 2.5	Pass
				30	3.85	21.615	0.0258	-2.5 to 2.5	Pass
				40	3.85	22.974	0.0275	-2.5 to 2.5	Pass
				50	3.85	23.603	0.0282	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	42.543	0.0502	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
					4.43	1.302	0.0015	-2.5 to 2.5	Pass
				-30	3.85	4.778	0.0056	-2.5 to 2.5	Pass
				-20	3.85	9.356	0.0110	-2.5 to 2.5	Pass
				-10	3.85	10.328	0.0122	-2.5 to 2.5	Pass
				0	3.85	11.873	0.0140	-2.5 to 2.5	Pass
				10	3.85	14.920	0.0176	-2.5 to 2.5	Pass
				30	3.85	18.368	0.0217	-2.5 to 2.5	Pass
				40	3.85	19.727	0.0233	-2.5 to 2.5	Pass
				50	3.85	23.890	0.0282	-2.5 to 2.5	Pass

2.3 B5_5MHz

2.3.1 Test Result

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	0.486	0.0006	-2.5 to 2.5	Pass
					3.85	-13.647	-0.0165	-2.5 to 2.5	Pass
					4.43	-19.541	-0.0236	-2.5 to 2.5	Pass
				-30	3.85	-21.815	-0.0264	-2.5 to 2.5	Pass
				-20	3.85	-19.140	-0.0232	-2.5 to 2.5	Pass
				-10	3.85	-17.195	-0.0208	-2.5 to 2.5	Pass
				0	3.85	-11.144	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-9.141	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0068	-2.5 to 2.5	Pass

				40	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	5.937	0.0071	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					4.43	0.744	0.0009	-2.5 to 2.5	Pass
				-30	3.85	4.048	0.0048	-2.5 to 2.5	Pass
				-20	3.85	8.340	0.0100	-2.5 to 2.5	Pass
				-10	3.85	12.145	0.0145	-2.5 to 2.5	Pass
				0	3.85	15.664	0.0187	-2.5 to 2.5	Pass
				10	3.85	18.311	0.0219	-2.5 to 2.5	Pass
				30	3.85	20.742	0.0248	-2.5 to 2.5	Pass
				40	3.85	23.303	0.0279	-2.5 to 2.5	Pass
				50	3.85	26.193	0.0313	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	9.828	0.0116	-2.5 to 2.5	Pass
					3.85	8.011	0.0095	-2.5 to 2.5	Pass
					4.43	15.736	0.0186	-2.5 to 2.5	Pass
				-30	3.85	24.261	0.0287	-2.5 to 2.5	Pass
				-20	3.85	34.289	0.0405	-2.5 to 2.5	Pass
				-10	3.85	43.559	0.0515	-2.5 to 2.5	Pass
				0	3.85	3.691	0.0044	-2.5 to 2.5	Pass
				10	3.85	15.106	0.0178	-2.5 to 2.5	Pass
				30	3.85	23.818	0.0281	-2.5 to 2.5	Pass
				40	3.85	29.941	0.0354	-2.5 to 2.5	Pass
				50	3.85	35.577	0.0420	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	4.449	0.0054	-2.5 to 2.5	Pass
					3.85	4.835	0.0058	-2.5 to 2.5	Pass
					4.43	3.719	0.0045	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.881	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-10.042	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-11.702	-0.0142	-2.5 to 2.5	Pass
				50	3.85	-12.088	-0.0146	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	28.424	0.0340	-2.5 to 2.5	Pass
					3.85	28.882	0.0345	-2.5 to 2.5	Pass
					4.43	25.935	0.0310	-2.5 to 2.5	Pass
				-30	3.85	23.961	0.0286	-2.5 to 2.5	Pass
				-20	3.85	21.129	0.0253	-2.5 to 2.5	Pass
				-10	3.85	19.999	0.0239	-2.5 to 2.5	Pass
				0	3.85	16.866	0.0202	-2.5 to 2.5	Pass
				10	3.85	16.665	0.0199	-2.5 to 2.5	Pass
				30	3.85	17.481	0.0209	-2.5 to 2.5	Pass
				40	3.85	17.281	0.0207	-2.5 to 2.5	Pass
				50	3.85	16.036	0.0192	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	43.101	0.0509	-2.5 to 2.5	Pass
					3.85	47.193	0.0558	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.216	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass

2.4 B5_10MHz

2.4.1 Test Result

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	4.478	0.0054	-2.5 to 2.5	Pass
					3.85	-17.266	-0.0208	-2.5 to 2.5	Pass
					4.43	-23.618	-0.0285	-2.5 to 2.5	Pass
				-30	3.85	-23.375	-0.0282	-2.5 to 2.5	Pass
				-20	3.85	-22.860	-0.0276	-2.5 to 2.5	Pass
				-10	3.85	-19.927	-0.0240	-2.5 to 2.5	Pass
				0	3.85	-15.106	-0.0182	-2.5 to 2.5	Pass
				10	3.85	-12.016	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-8.097	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0081	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	4.978	0.0060	-2.5 to 2.5	Pass
					3.85	1.030	0.0012	-2.5 to 2.5	Pass
					4.43	2.775	0.0033	-2.5 to 2.5	Pass
				-30	3.85	6.065	0.0073	-2.5 to 2.5	Pass
				-20	3.85	12.302	0.0147	-2.5 to 2.5	Pass
				-10	3.85	15.550	0.0186	-2.5 to 2.5	Pass
				0	3.85	20.843	0.0249	-2.5 to 2.5	Pass
				10	3.85	26.193	0.0313	-2.5 to 2.5	Pass
				30	3.85	27.380	0.0327	-2.5 to 2.5	Pass
				40	3.85	29.612	0.0354	-2.5 to 2.5	Pass
				50	3.85	30.227	0.0361	-2.5 to 2.5	Pass
	844	50	0	20	3.27	3.648	0.0043	-2.5 to 2.5	Pass
					3.85	1.431	0.0017	-2.5 to 2.5	Pass
					4.43	7.553	0.0089	-2.5 to 2.5	Pass
				-30	3.85	16.007	0.0190	-2.5 to 2.5	Pass
				-20	3.85	24.648	0.0292	-2.5 to 2.5	Pass
				-10	3.85	32.701	0.0387	-2.5 to 2.5	Pass
				0	3.85	42.572	0.0504	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0024	-2.5 to 2.5	Pass
				30	3.85	3.304	0.0039	-2.5 to 2.5	Pass
				40	3.85	7.582	0.0090	-2.5 to 2.5	Pass
				50	3.85	12.217	0.0145	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-3.662	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
					4.43	-6.695	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-13.819	-0.0167	-2.5 to 2.5	Pass
				-20	3.85	-17.781	-0.0214	-2.5 to 2.5	Pass
				-10	3.85	-22.588	-0.0272	-2.5 to 2.5	Pass
				0	3.85	-28.124	-0.0339	-2.5 to 2.5	Pass
				10	3.85	-33.002	-0.0398	-2.5 to 2.5	Pass
				30	3.85	-38.080	-0.0459	-2.5 to 2.5	Pass
				40	3.85	-42.472	-0.0512	-2.5 to 2.5	Pass
				50	3.85	-45.648	-0.0551	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	31.314	0.0374	-2.5 to 2.5	Pass
					3.85	30.341	0.0363	-2.5 to 2.5	Pass
					4.43	25.578	0.0306	-2.5 to 2.5	Pass

				-30	3.85	21.715	0.0260	-2.5 to 2.5	Pass
				-20	3.85	18.525	0.0221	-2.5 to 2.5	Pass
				-10	3.85	16.136	0.0193	-2.5 to 2.5	Pass
				0	3.85	13.061	0.0156	-2.5 to 2.5	Pass
				10	3.85	9.255	0.0111	-2.5 to 2.5	Pass
				30	3.85	6.237	0.0075	-2.5 to 2.5	Pass
				40	3.85	5.207	0.0062	-2.5 to 2.5	Pass
				50	3.85	2.961	0.0035	-2.5 to 2.5	Pass
	844	50	0	20	3.27	16.379	0.0194	-2.5 to 2.5	Pass
					3.85	12.875	0.0153	-2.5 to 2.5	Pass
					4.43	5.980	0.0071	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.621	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-10.328	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-14.677	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-16.766	-0.0199	-2.5 to 2.5	Pass
				30	3.85	-22.459	-0.0266	-2.5 to 2.5	Pass
				40	3.85	-23.518	-0.0279	-2.5 to 2.5	Pass
				50	3.85	-25.549	-0.0303	-2.5 to 2.5	Pass

3. Modulation Characteristics

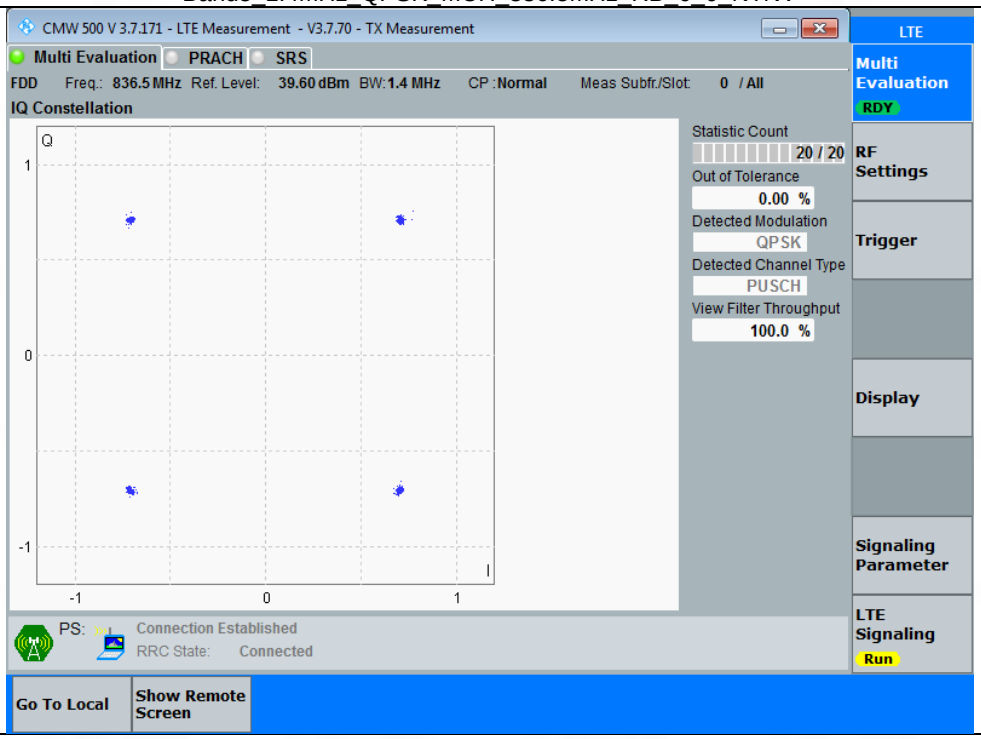
3.1 B5_1.4MHz

3.1.1 Test Result

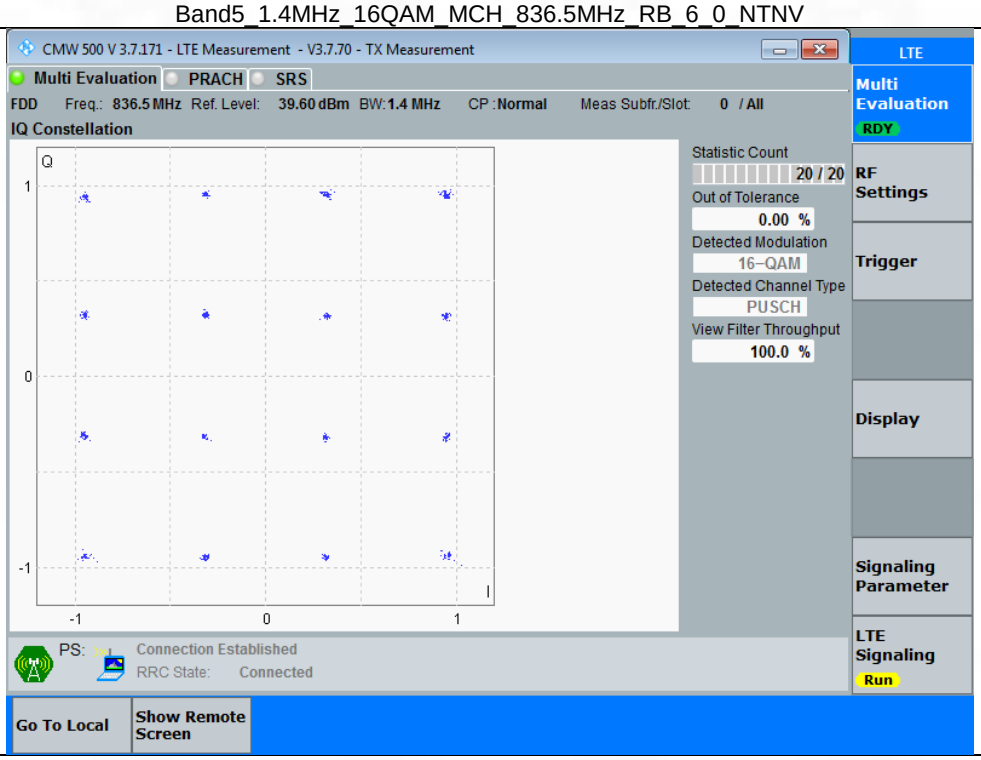
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



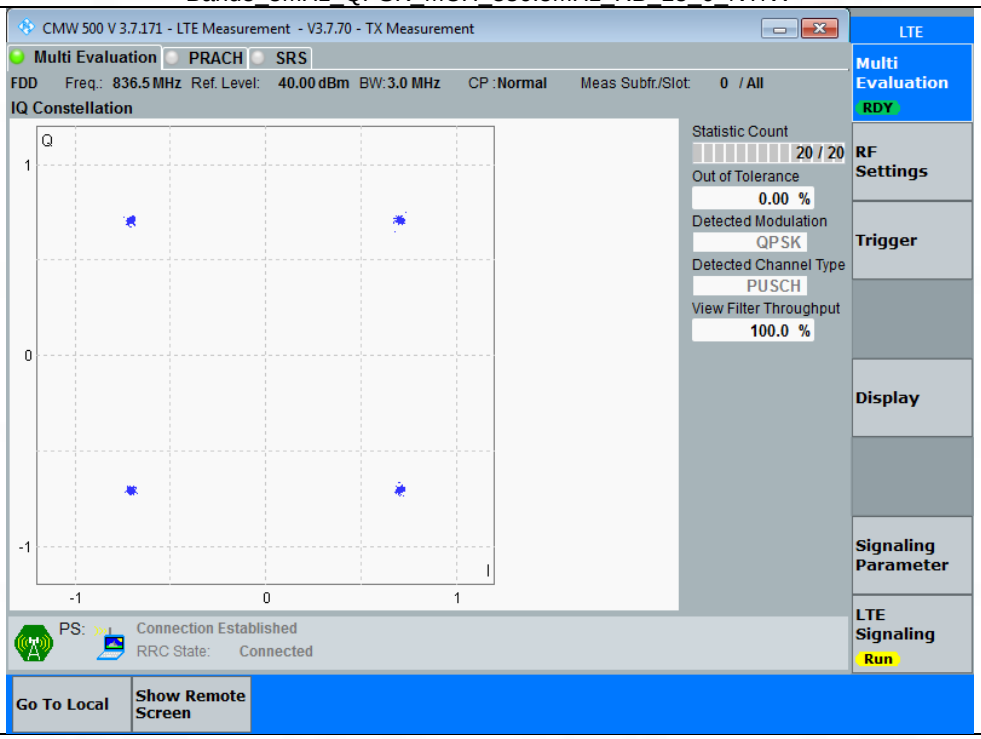
3.2 B5_3MHz

3.2.1 Test Result

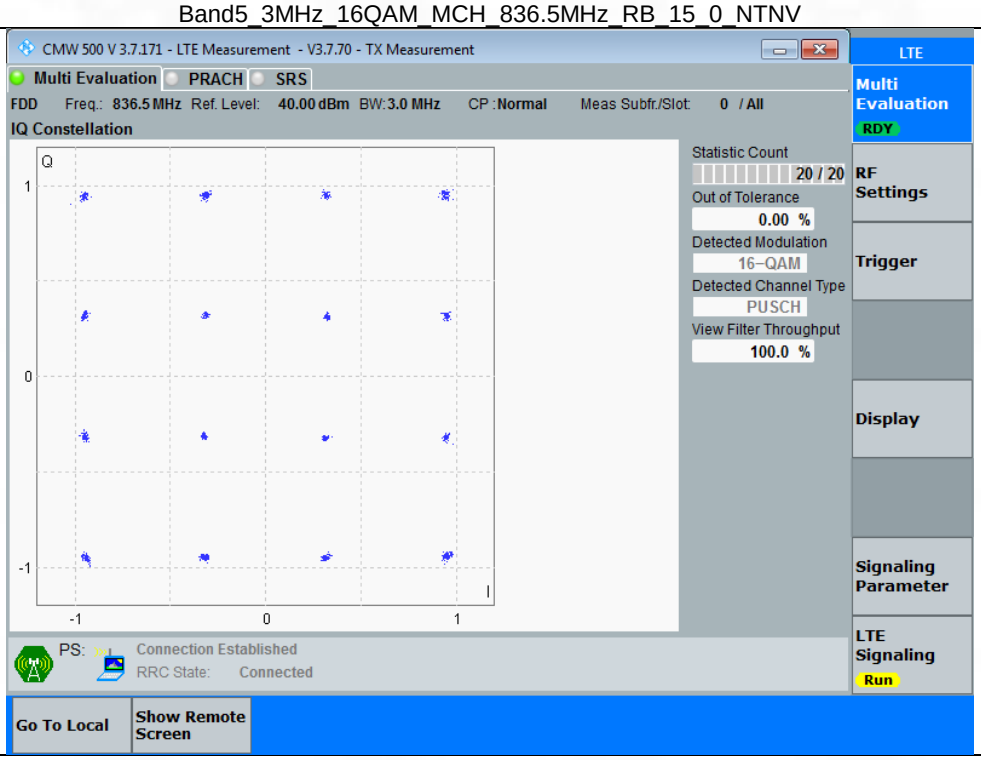
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



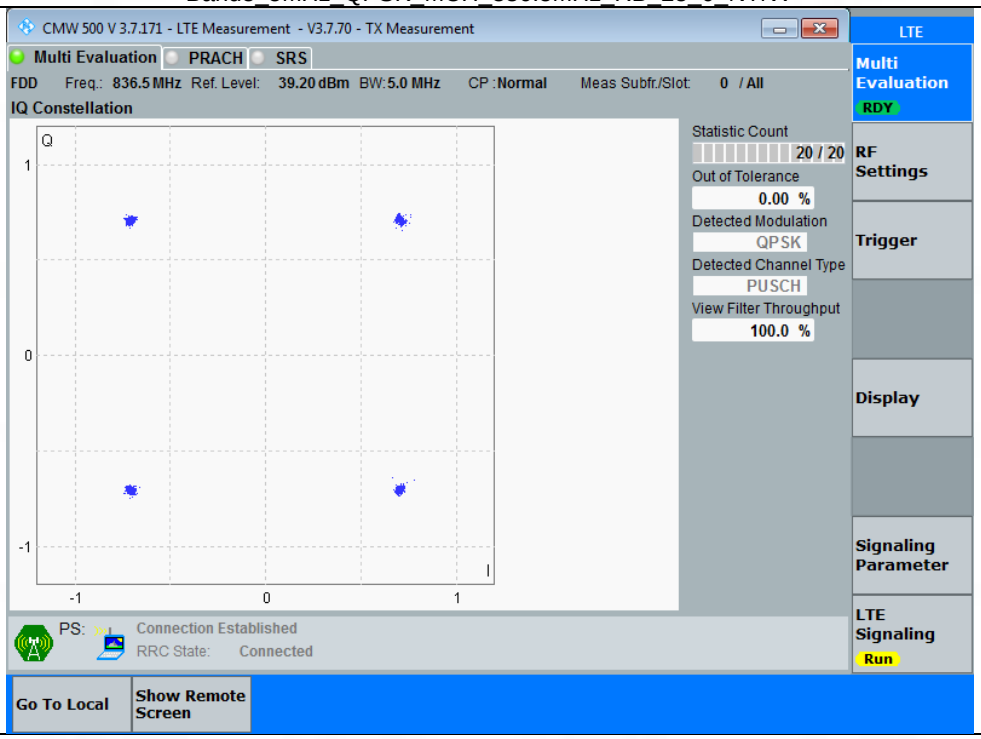
3.3 B5_5MHz

3.3.1 Test Result

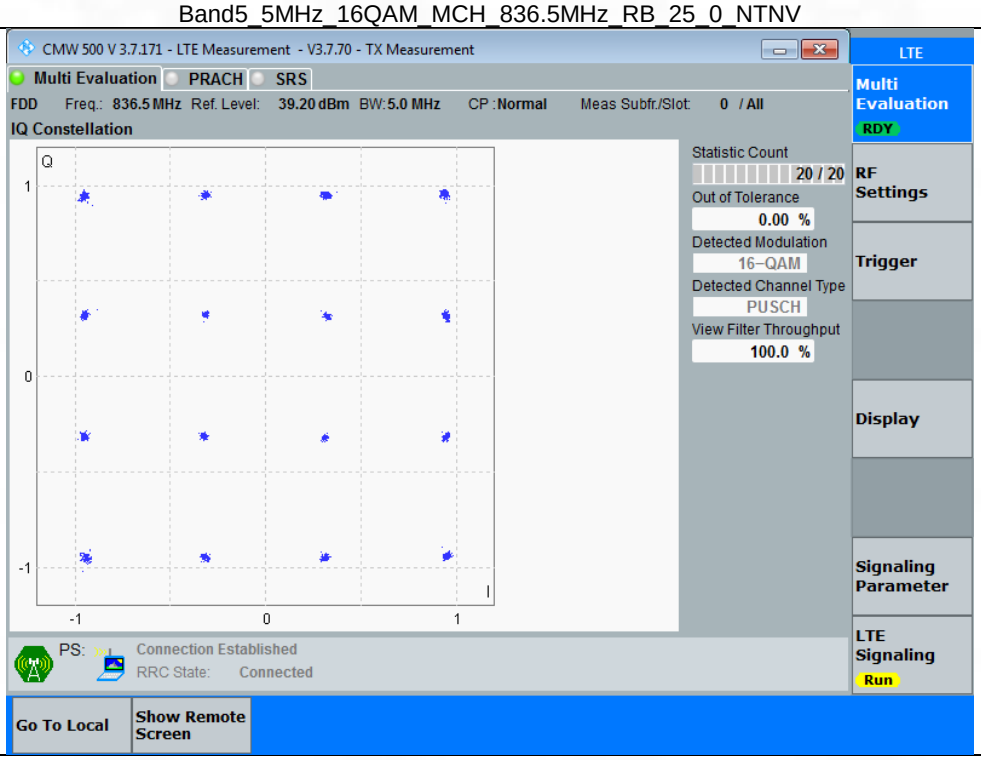
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



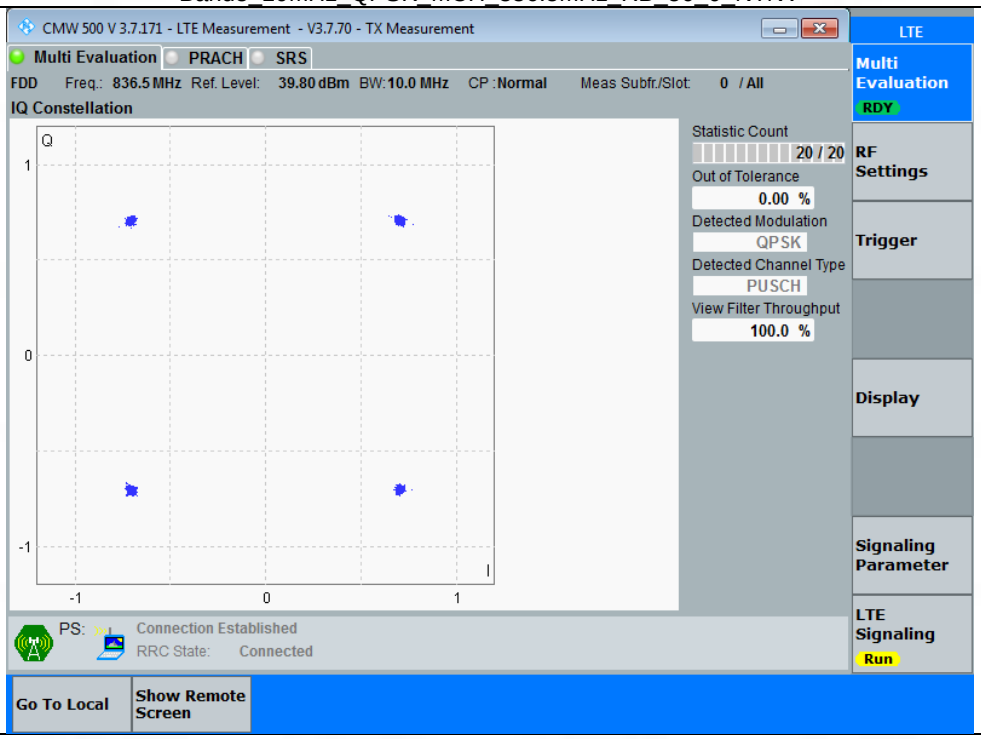
3.4 B5_10MHz

3.4.1 Test Result

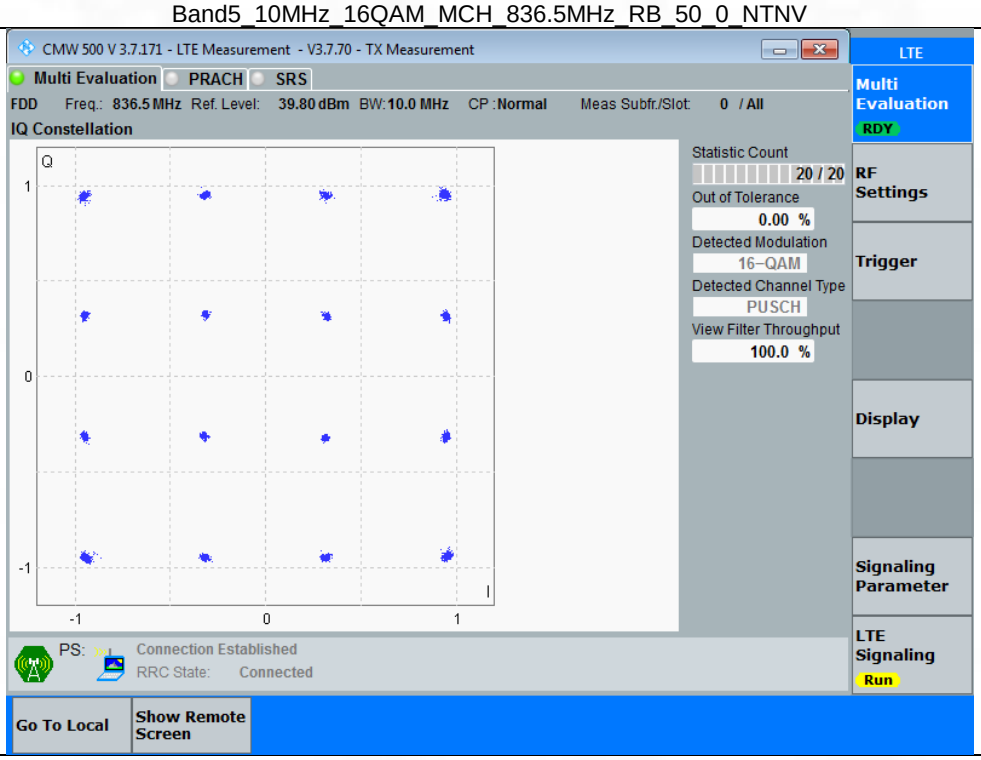
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

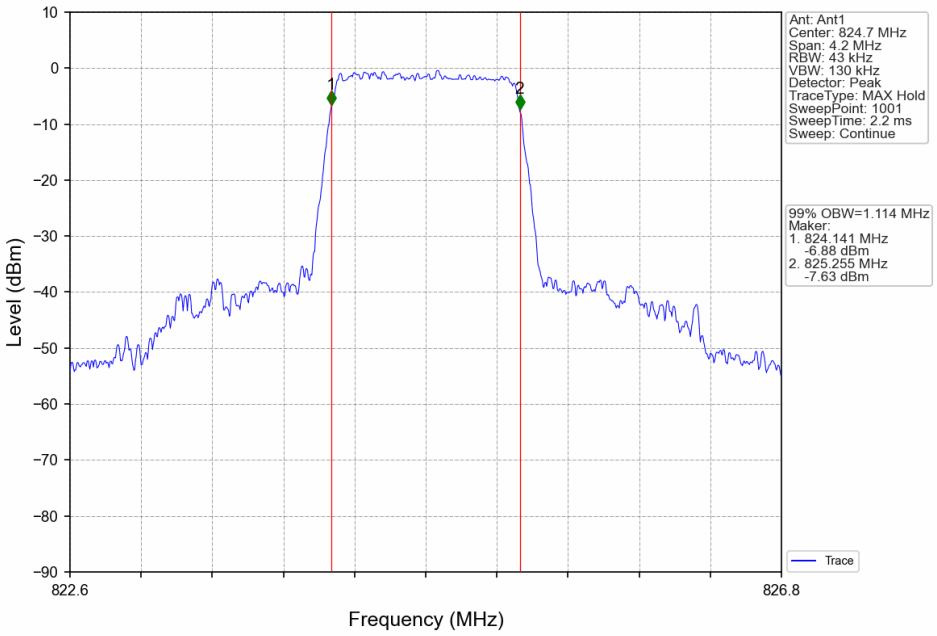
4.1 Band5_OBW

4.1.1 Test Result

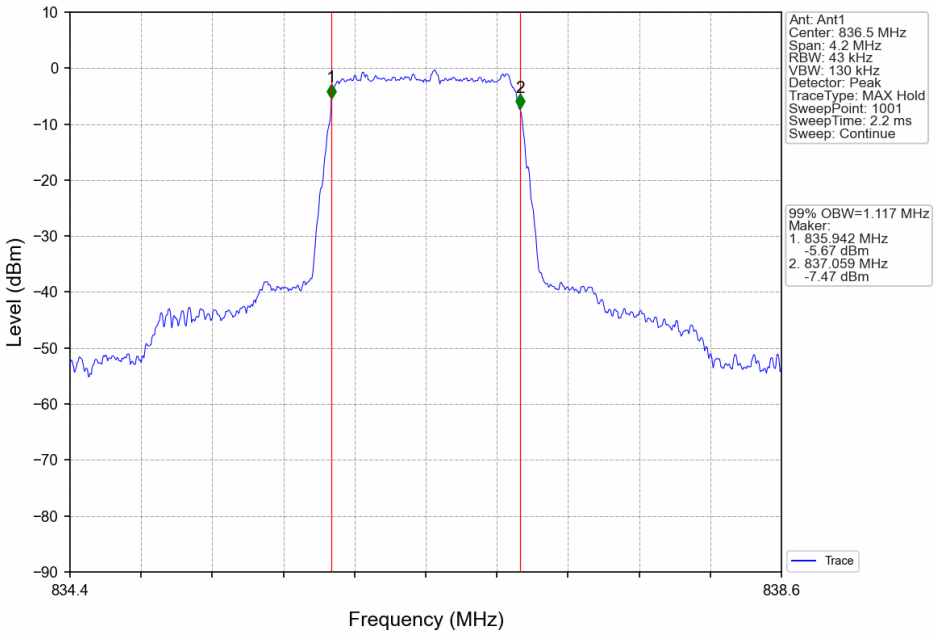
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.114	Pass
		836.5	6	0	1.117	Pass
		848.3	6	0	1.114	Pass
	16QAM	824.7	6	0	1.107	Pass
		836.5	6	0	1.114	Pass
		848.3	6	0	1.123	Pass
3	QPSK	825.5	15	0	2.762	Pass
		836.5	15	0	2.751	Pass
		847.5	15	0	2.753	Pass
	16QAM	825.5	15	0	2.758	Pass
		836.5	15	0	2.760	Pass
		847.5	15	0	2.785	Pass
5	QPSK	826.5	25	0	4.579	Pass
		836.5	25	0	4.558	Pass
		846.5	25	0	4.554	Pass
	16QAM	826.5	25	0	4.532	Pass
		836.5	25	0	4.583	Pass
		846.5	25	0	4.587	Pass
10	QPSK	829	50	0	9.060	Pass
		836.5	50	0	9.073	Pass
		844	50	0	9.058	Pass
	16QAM	829	50	0	9.039	Pass
		836.5	50	0	9.106	Pass
		844	50	0	9.034	Pass

4.1.2 Test Graph

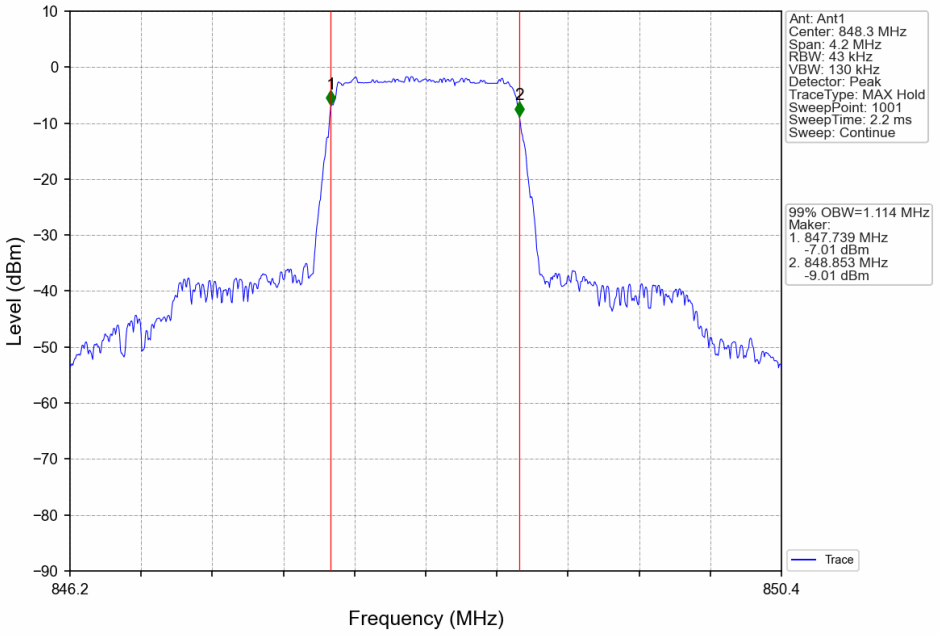
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



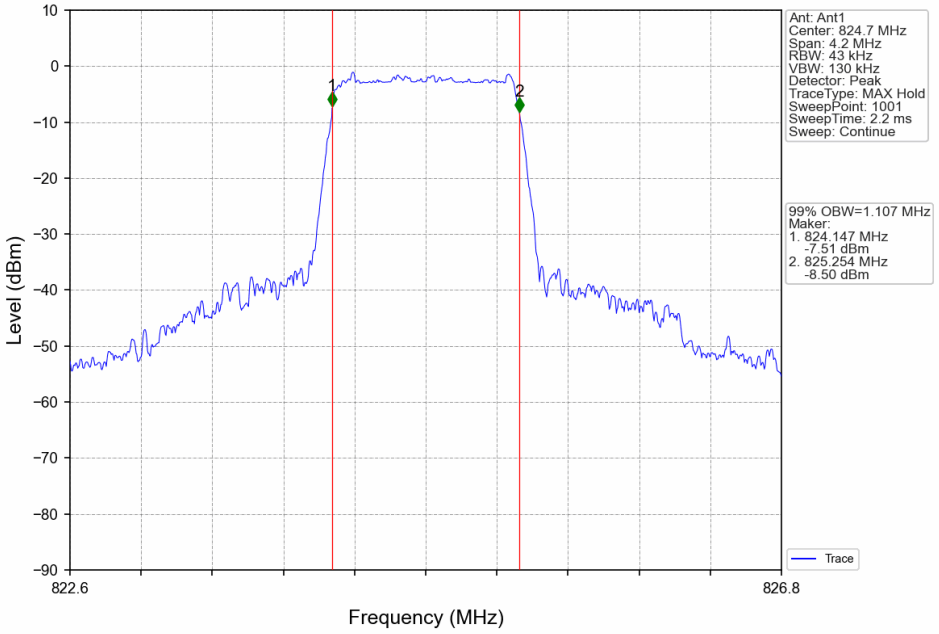
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



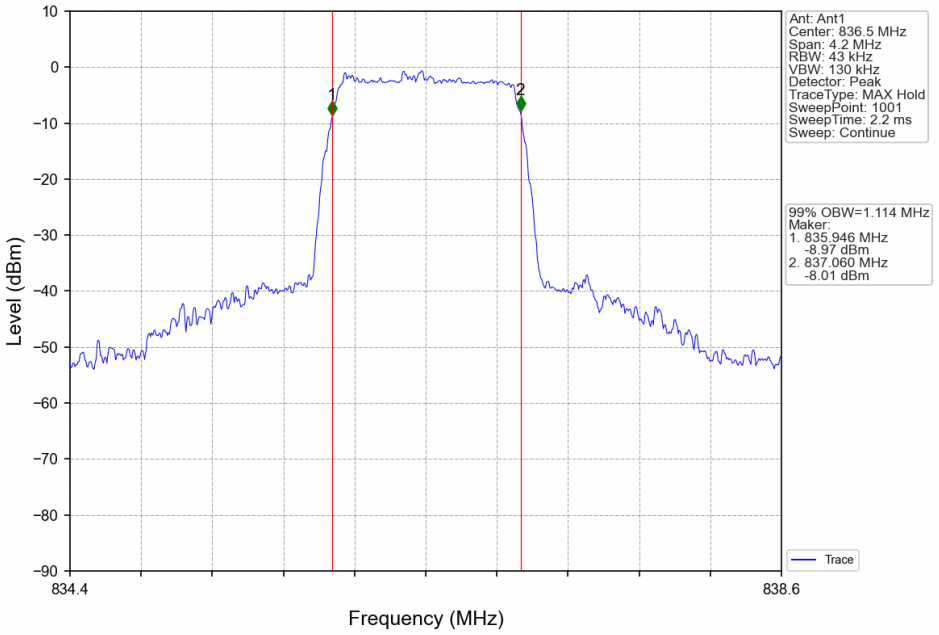
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



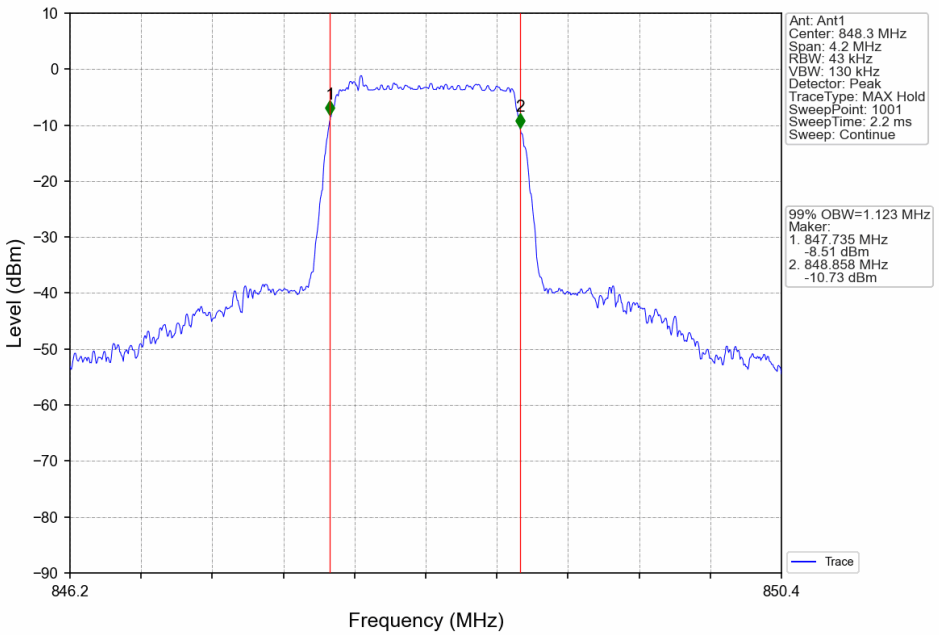
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



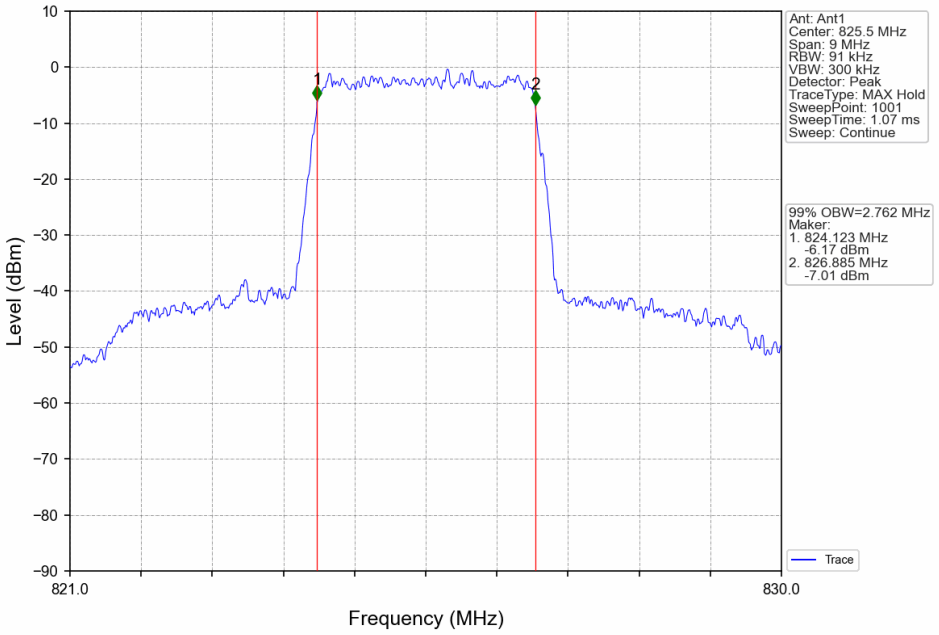
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



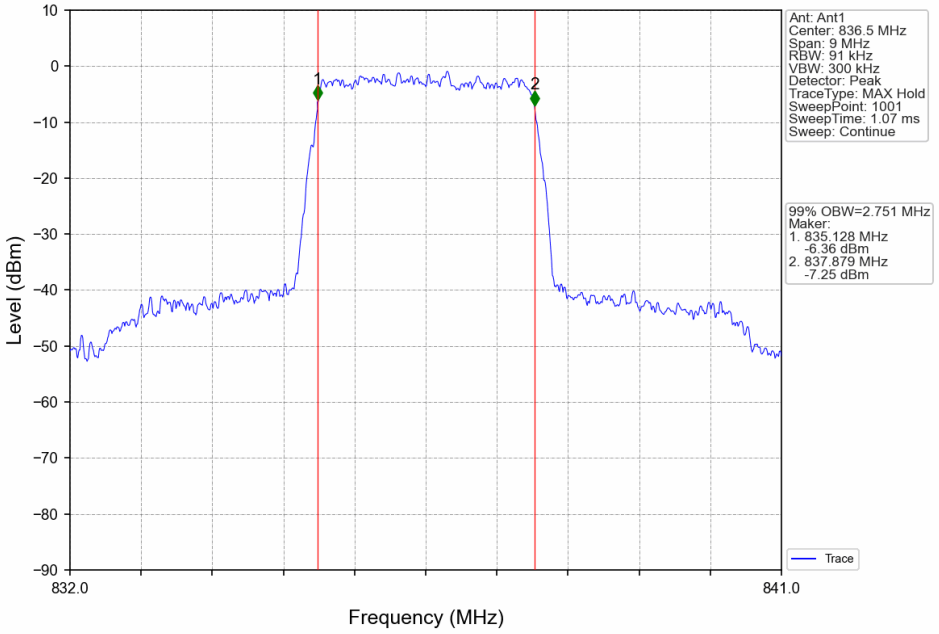
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



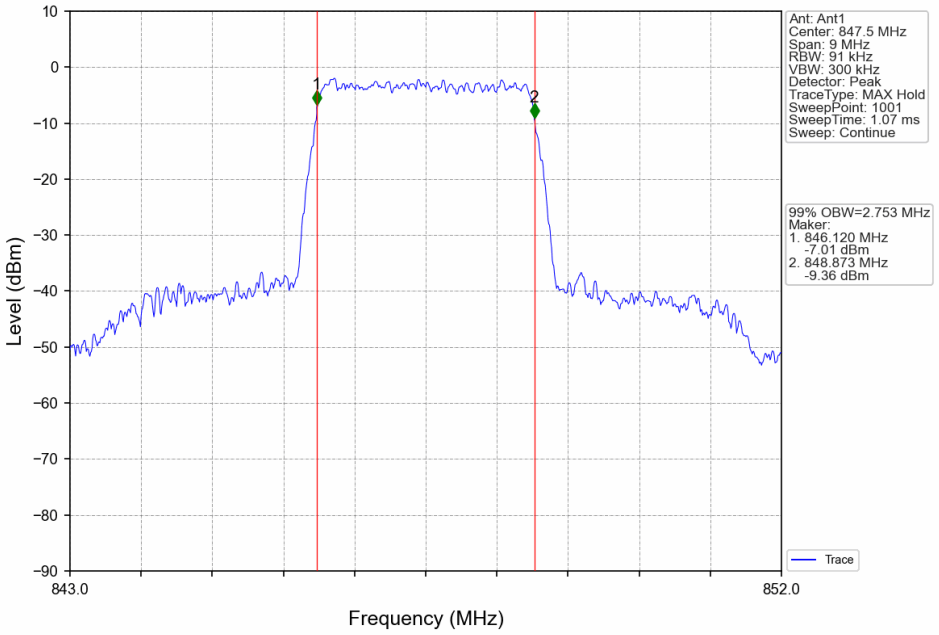
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



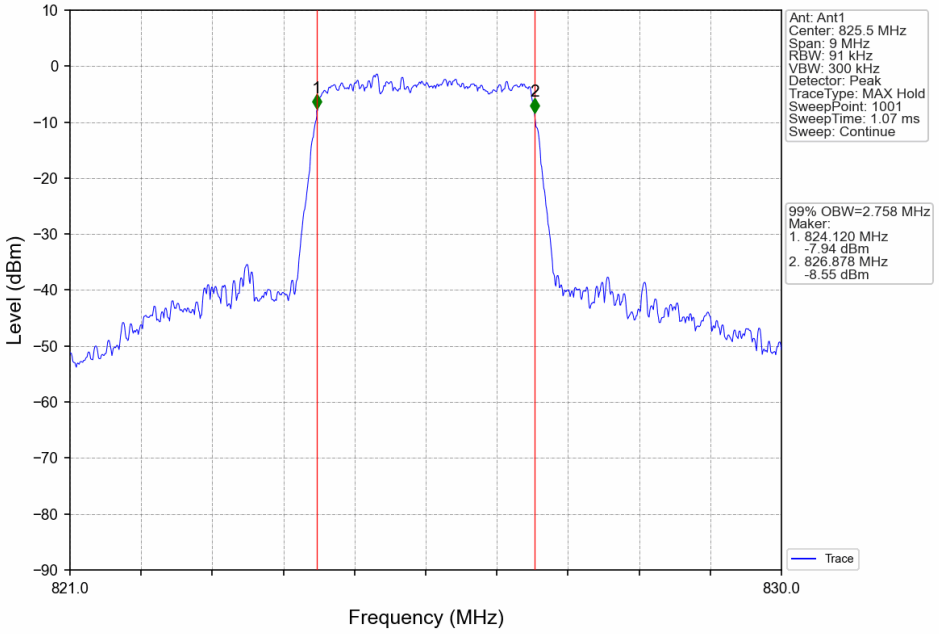
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



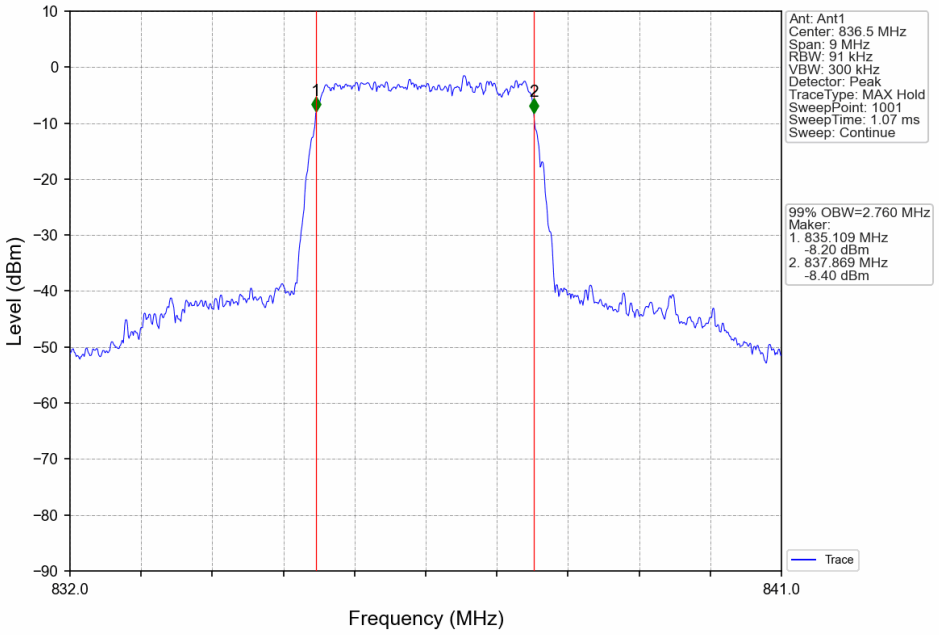
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



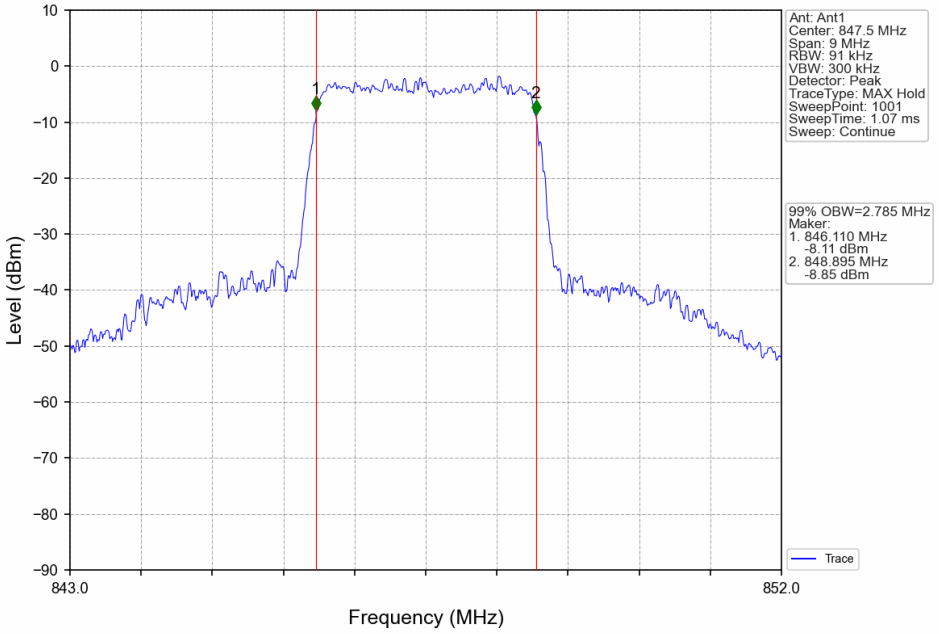
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



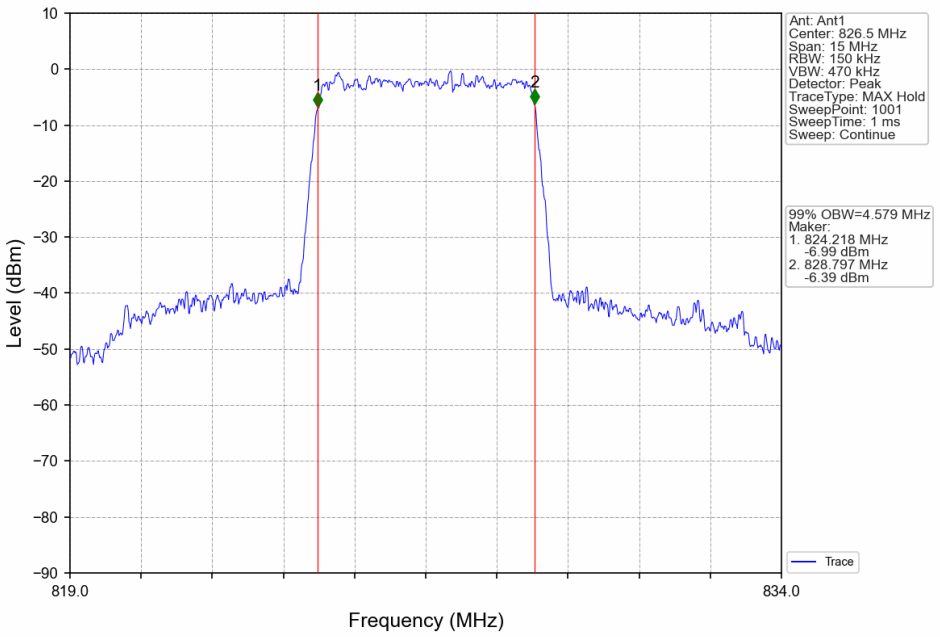
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



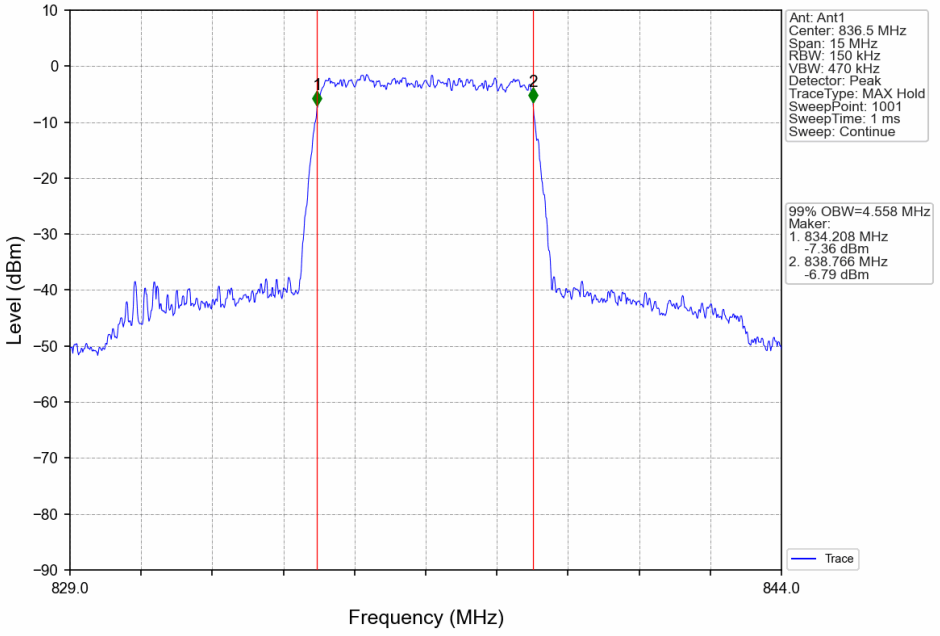
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



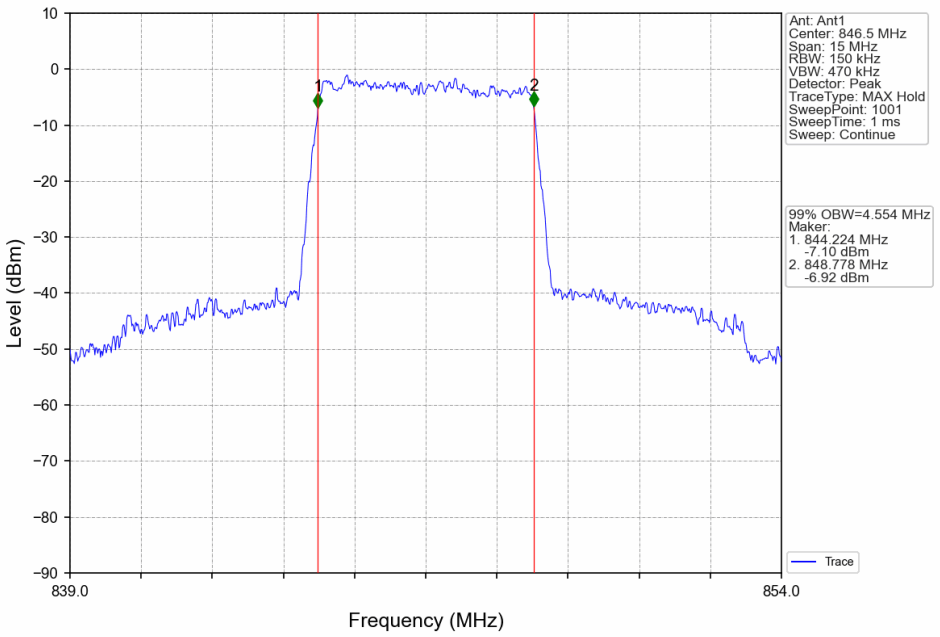
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



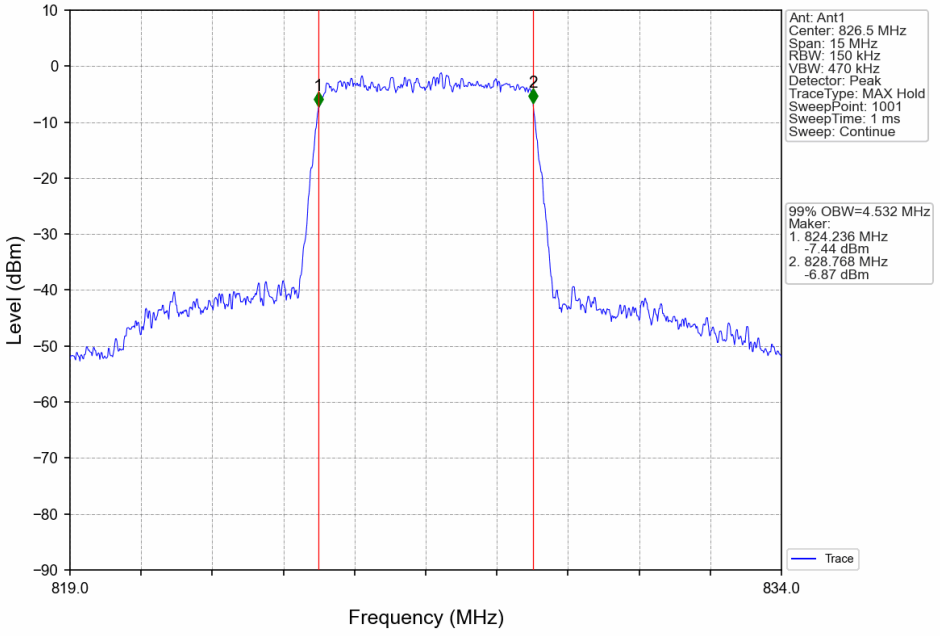
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



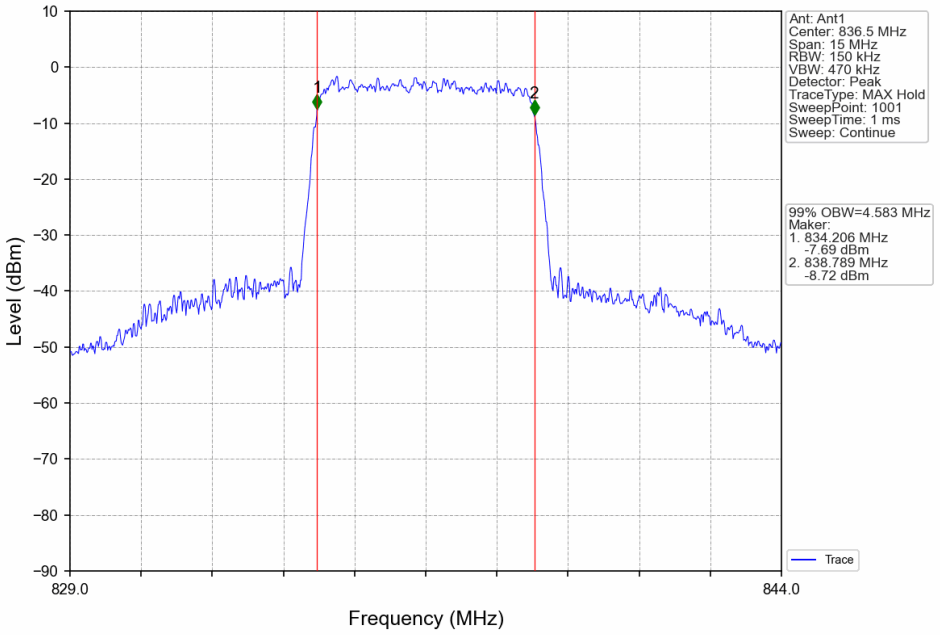
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



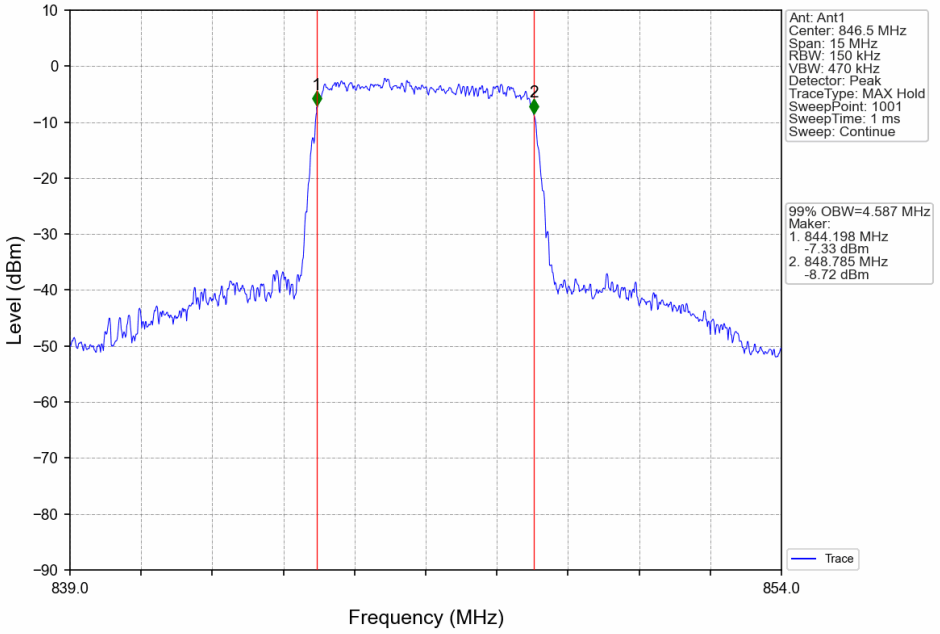
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



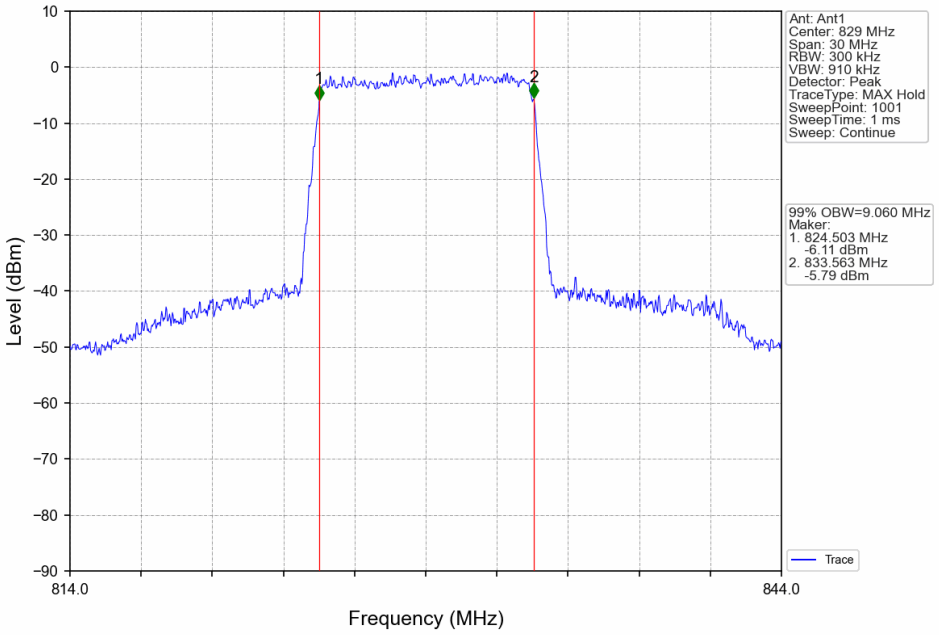
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



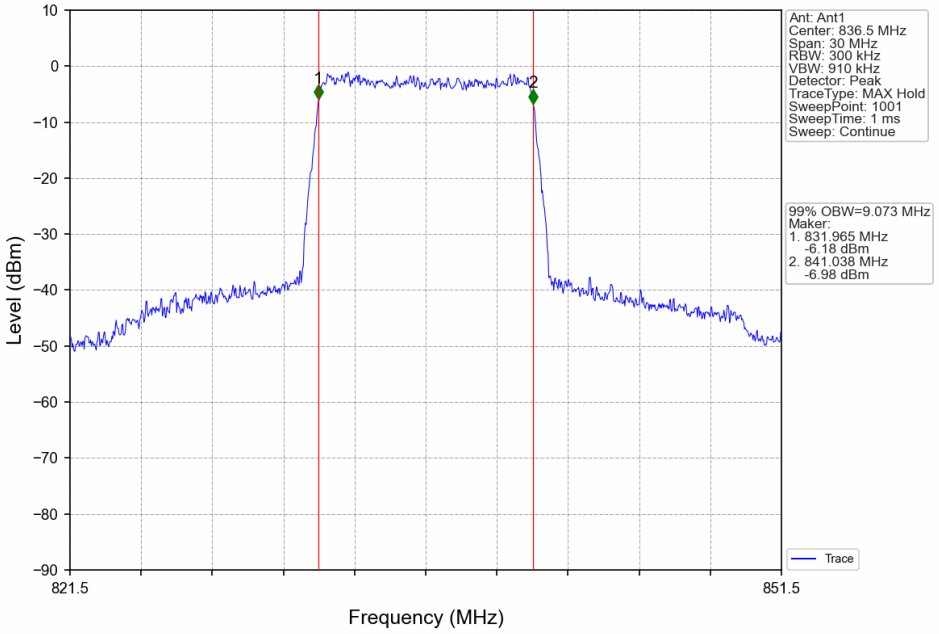
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



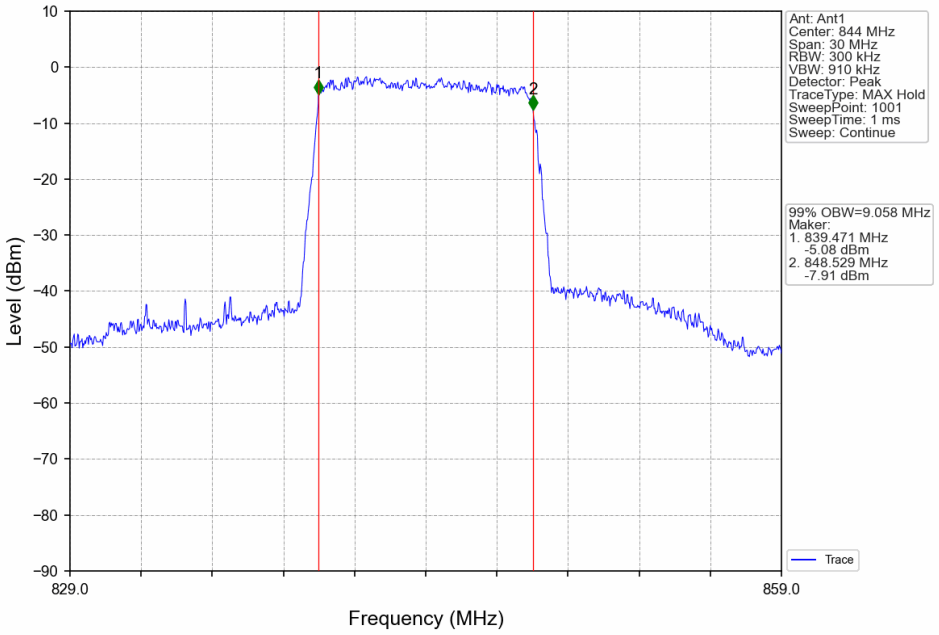
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



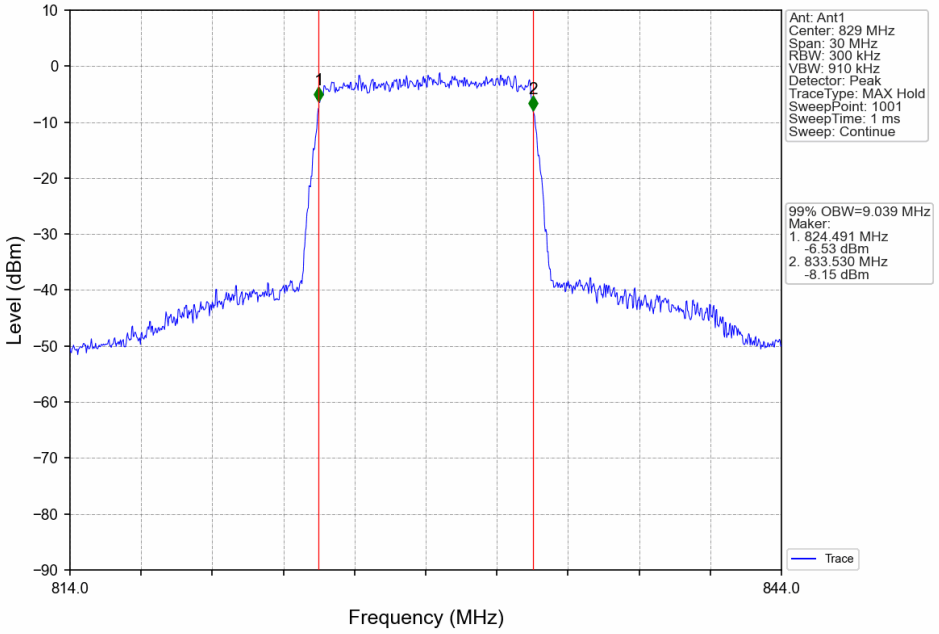
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



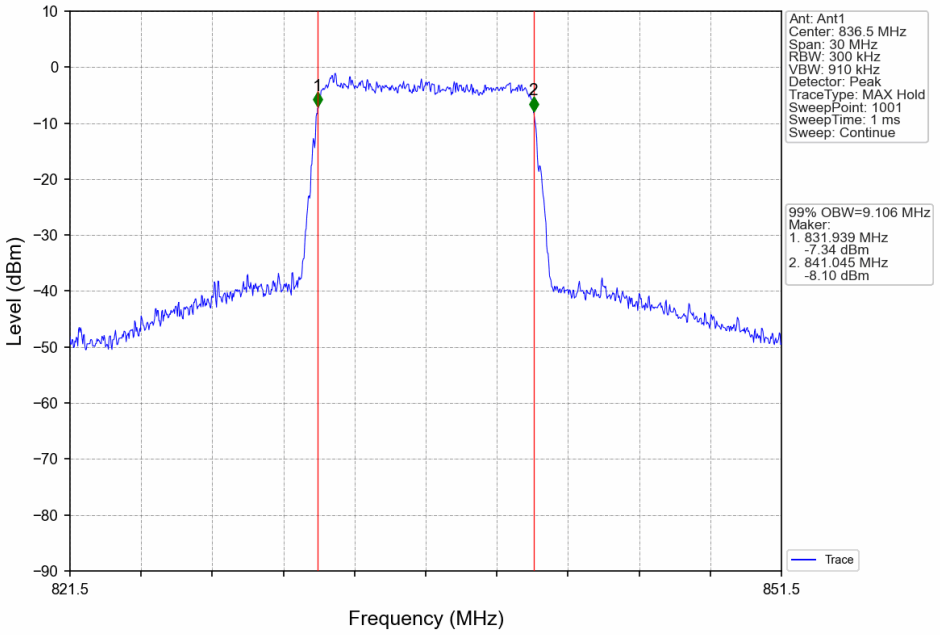
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



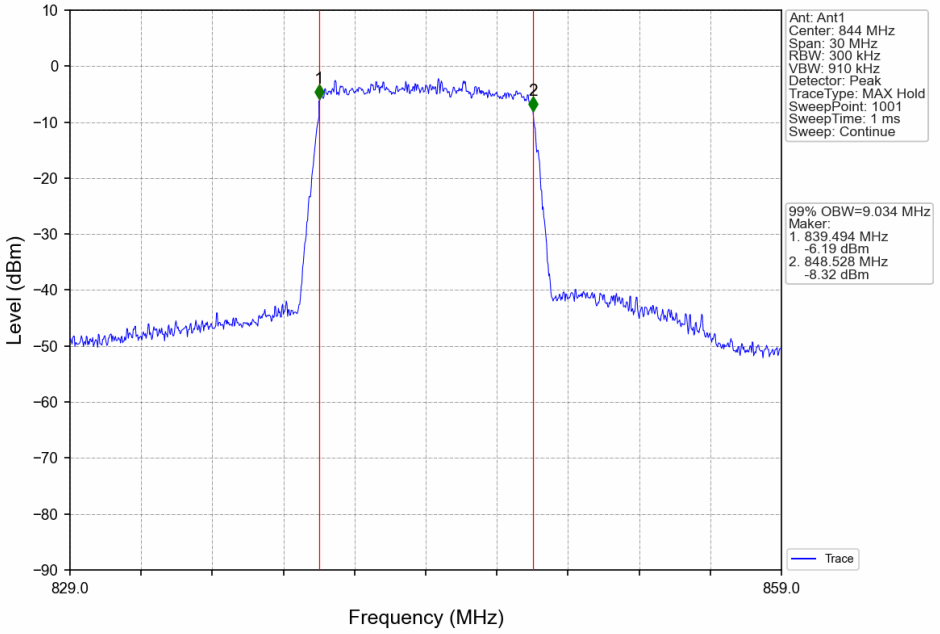
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



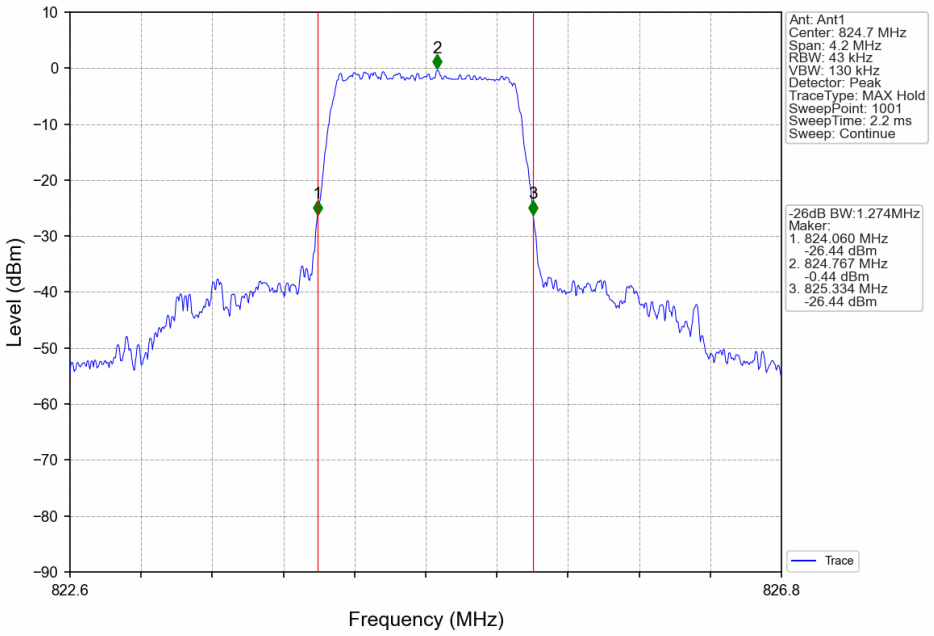
4.2 Band5_XDB

4.2.1 Test Result

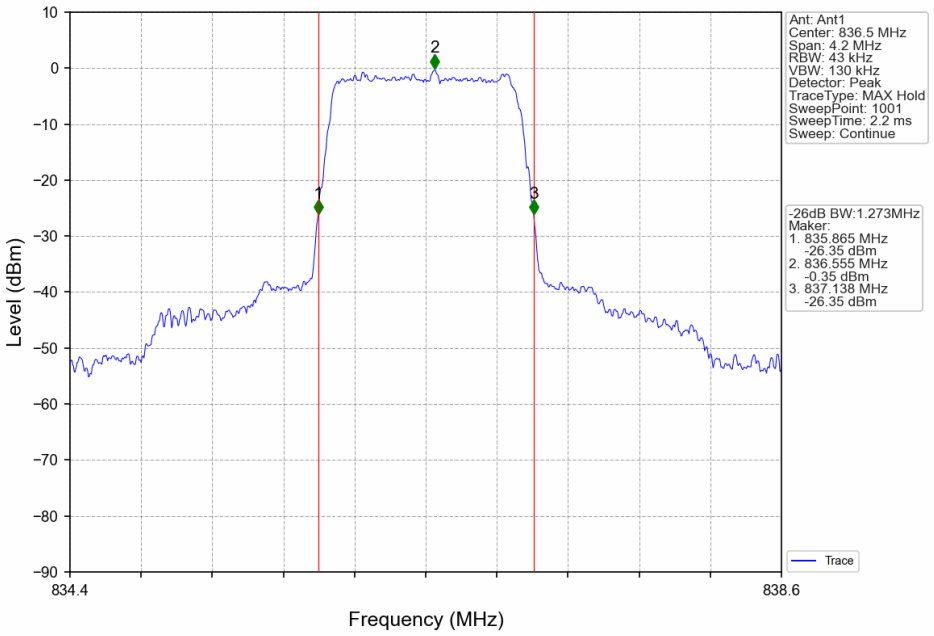
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.274	Pass
		836.5	6	0	1.273	Pass
		848.3	6	0	1.283	Pass
	16QAM	824.7	6	0	1.272	Pass
		836.5	6	0	1.271	Pass
		848.3	6	0	1.272	Pass
3	QPSK	825.5	15	0	3.105	Pass
		836.5	15	0	3.104	Pass
		847.5	15	0	3.121	Pass
	16QAM	825.5	15	0	3.097	Pass
		836.5	15	0	3.103	Pass
		847.5	15	0	3.110	Pass
5	QPSK	826.5	25	0	5.047	Pass
		836.5	25	0	5.107	Pass
		846.5	25	0	5.045	Pass
	16QAM	826.5	25	0	5.033	Pass
		836.5	25	0	5.078	Pass
		846.5	25	0	5.072	Pass
10	QPSK	829	50	0	10.048	Pass
		836.5	50	0	10.064	Pass
		844	50	0	10.045	Pass
	16QAM	829	50	0	10.025	Pass
		836.5	50	0	10.069	Pass
		844	50	0	10.038	Pass

4.2.2 Test Graph

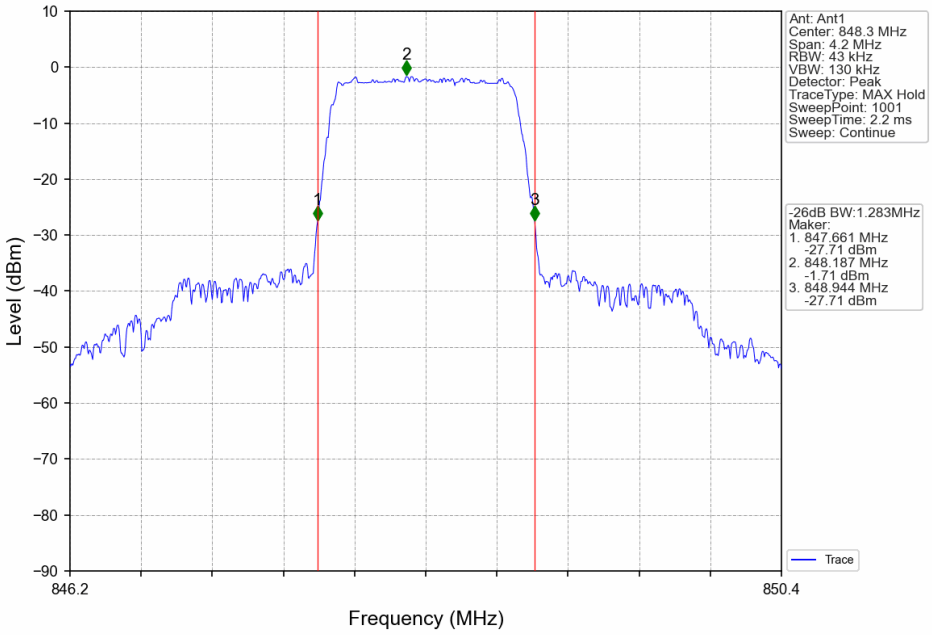
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



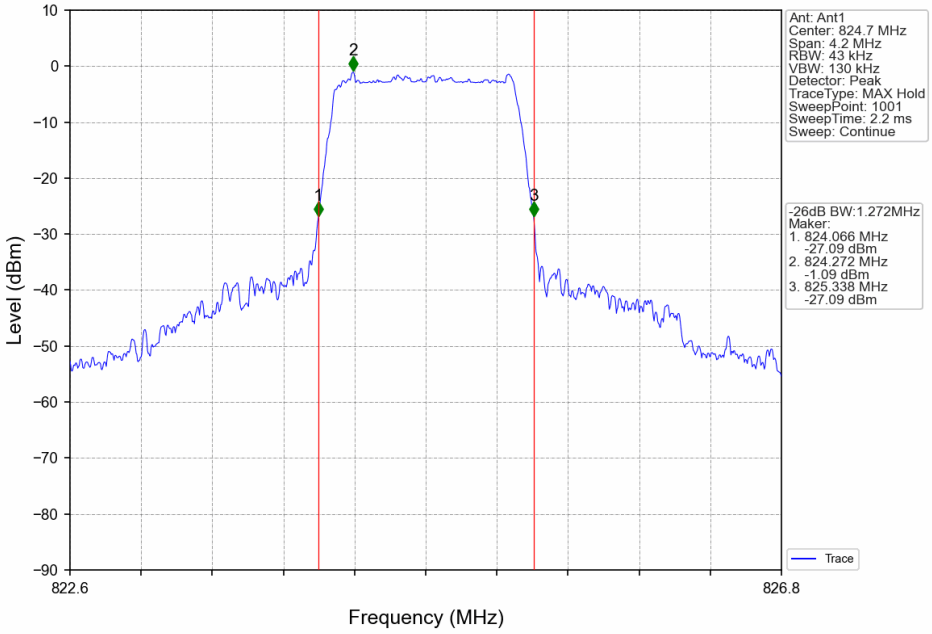
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



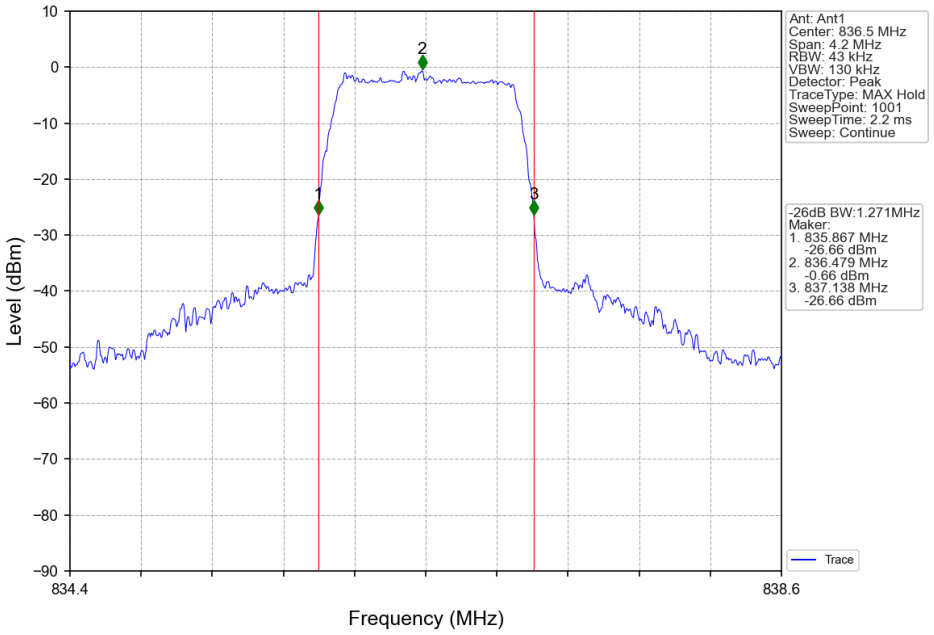
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



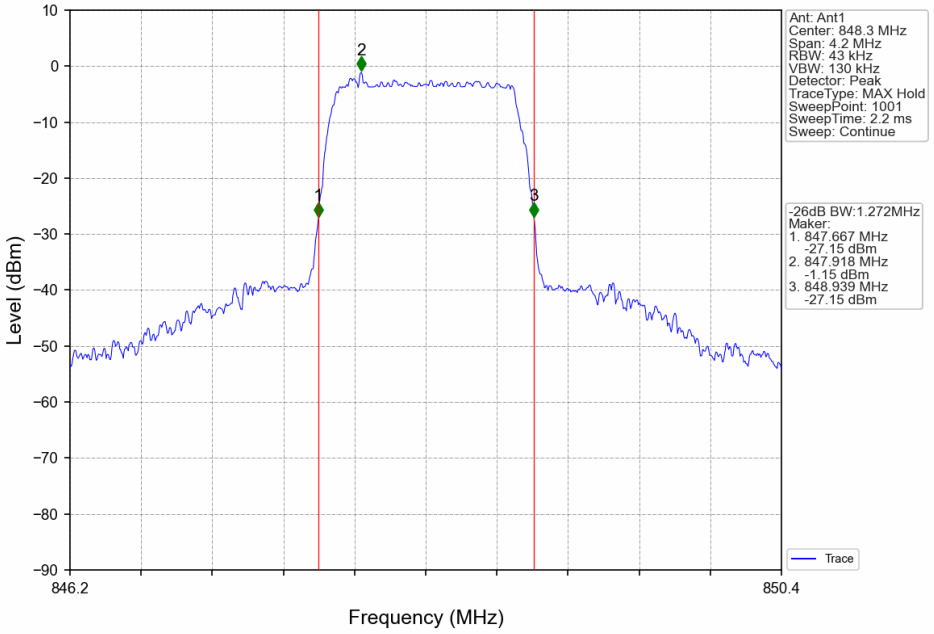
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



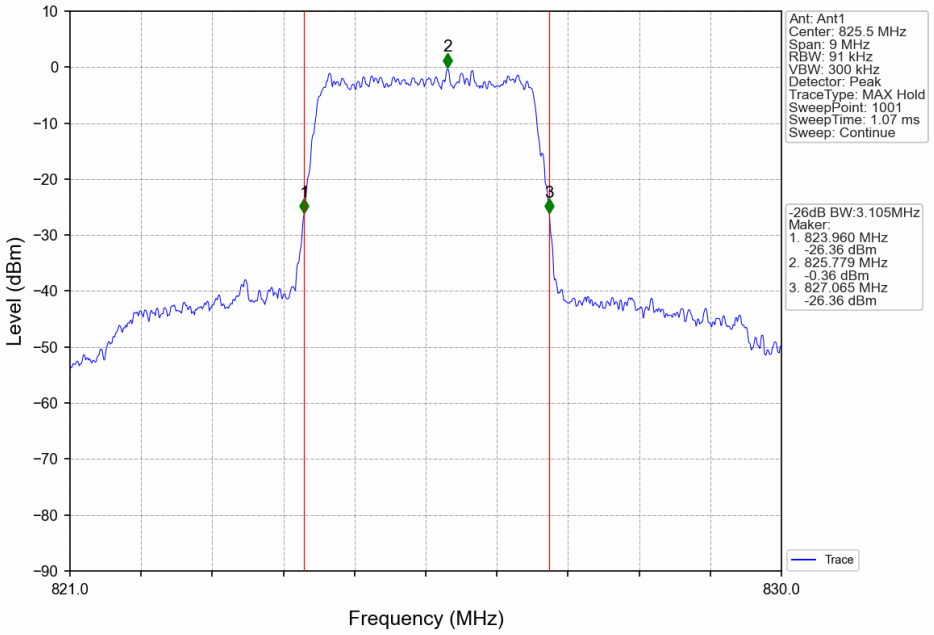
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



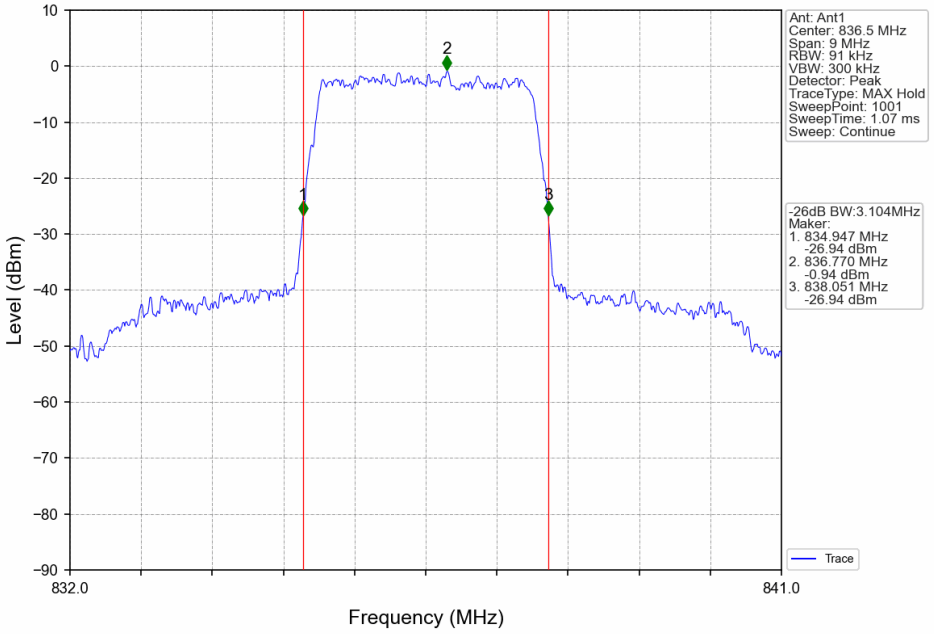
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



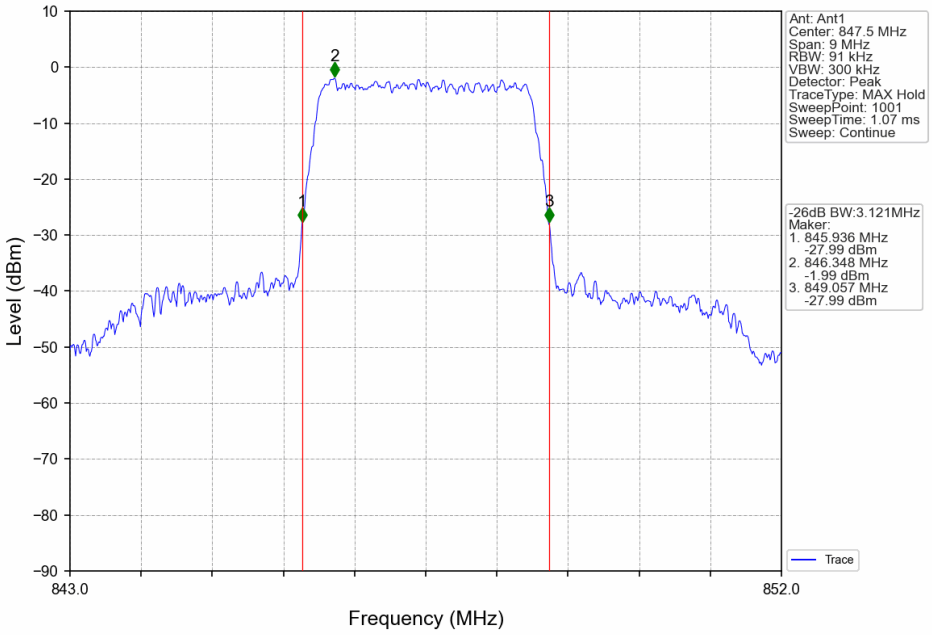
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



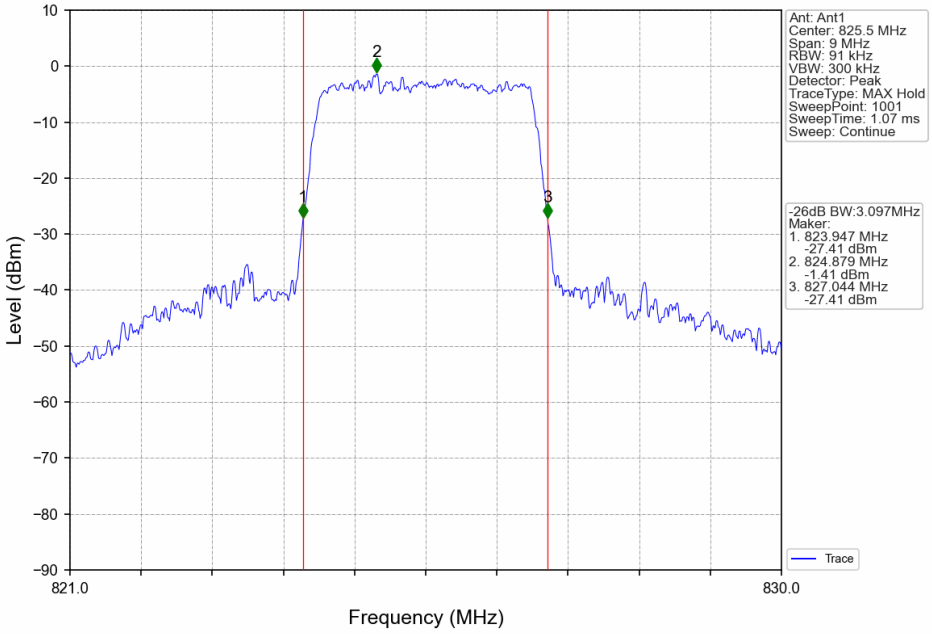
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



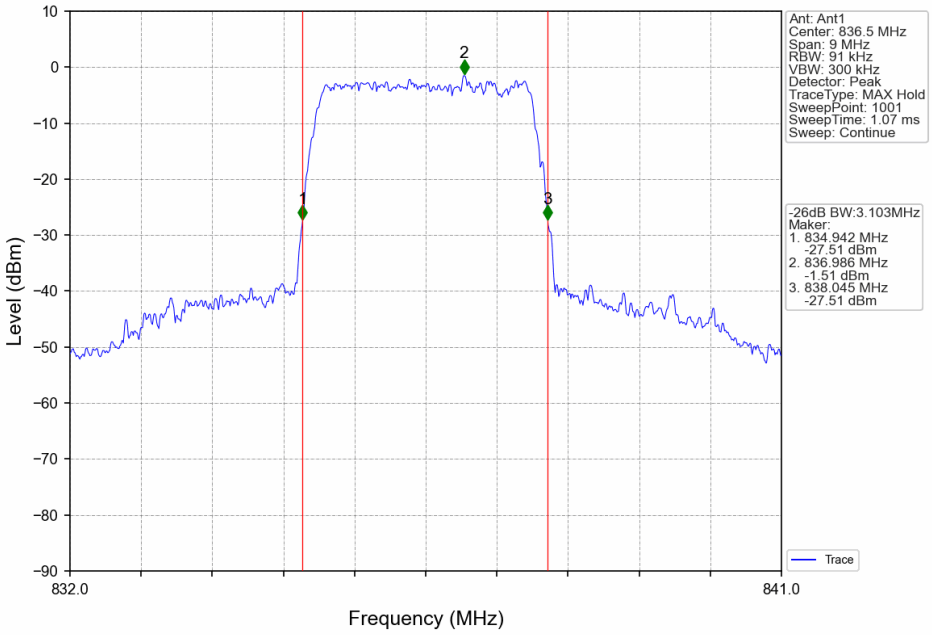
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



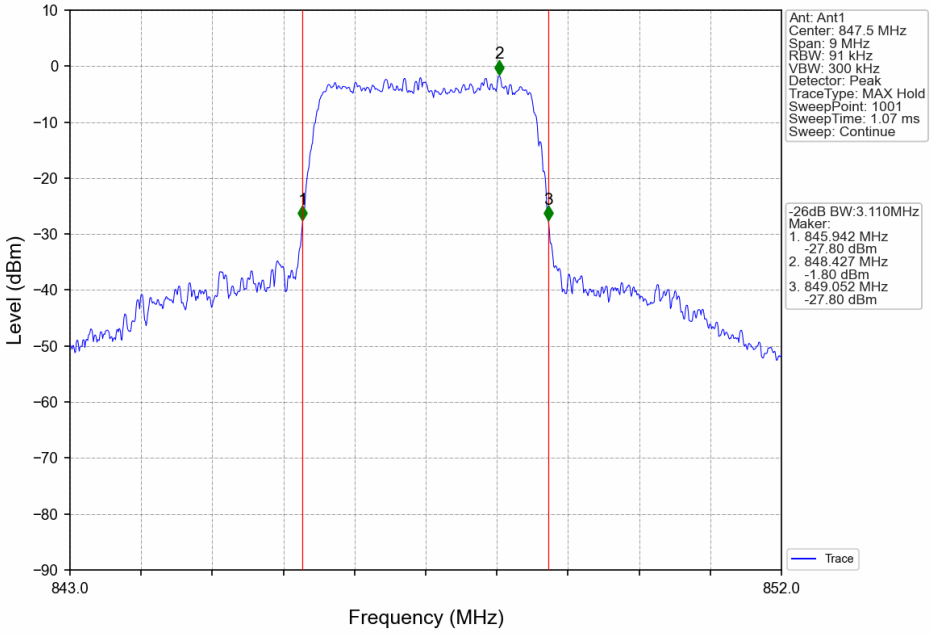
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



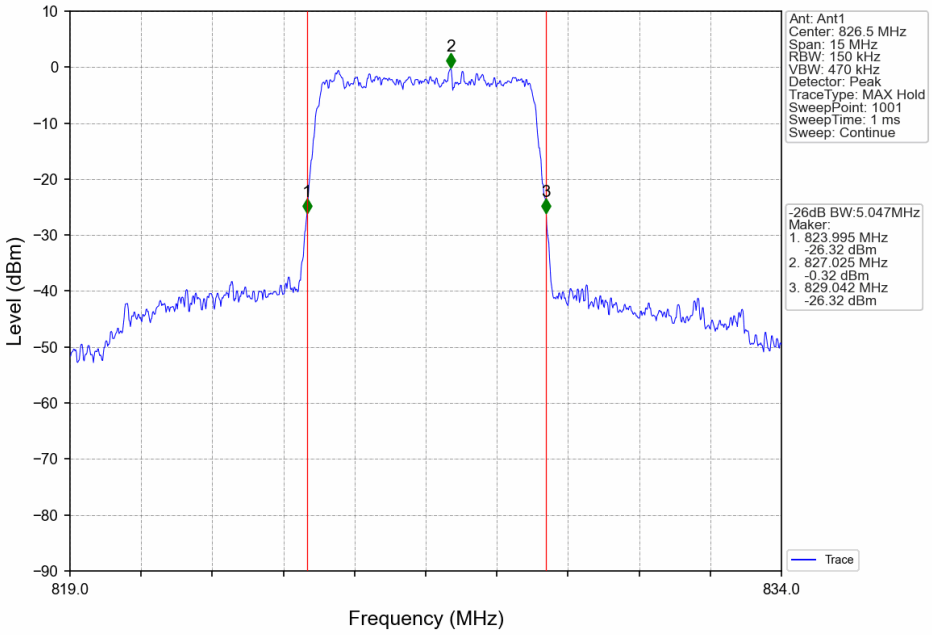
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



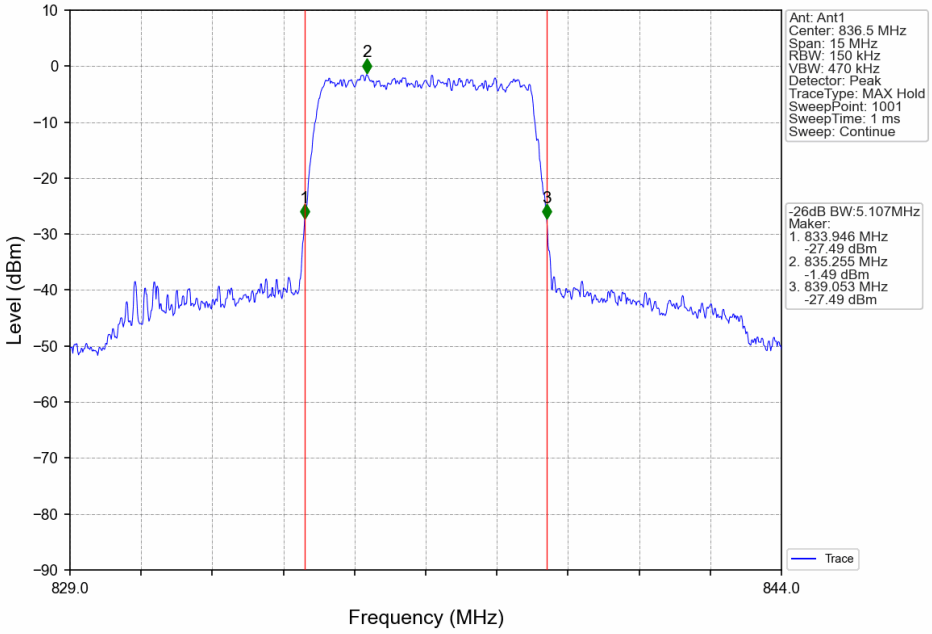
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



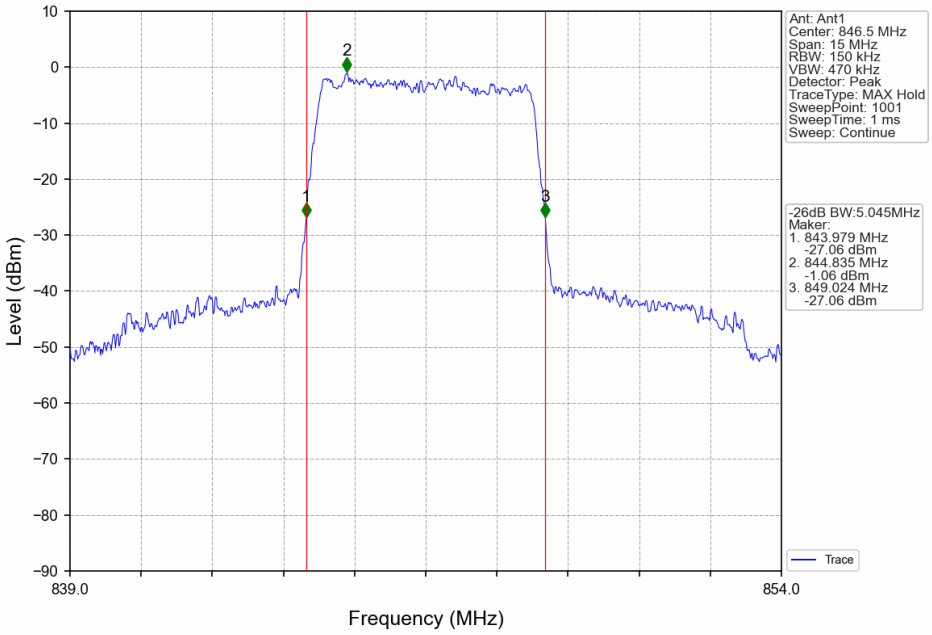
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



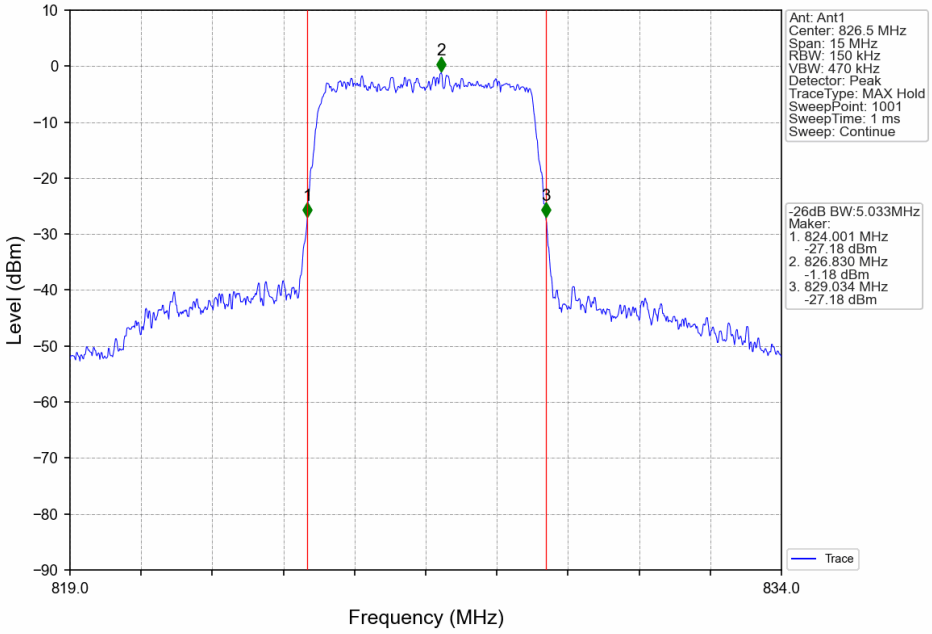
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



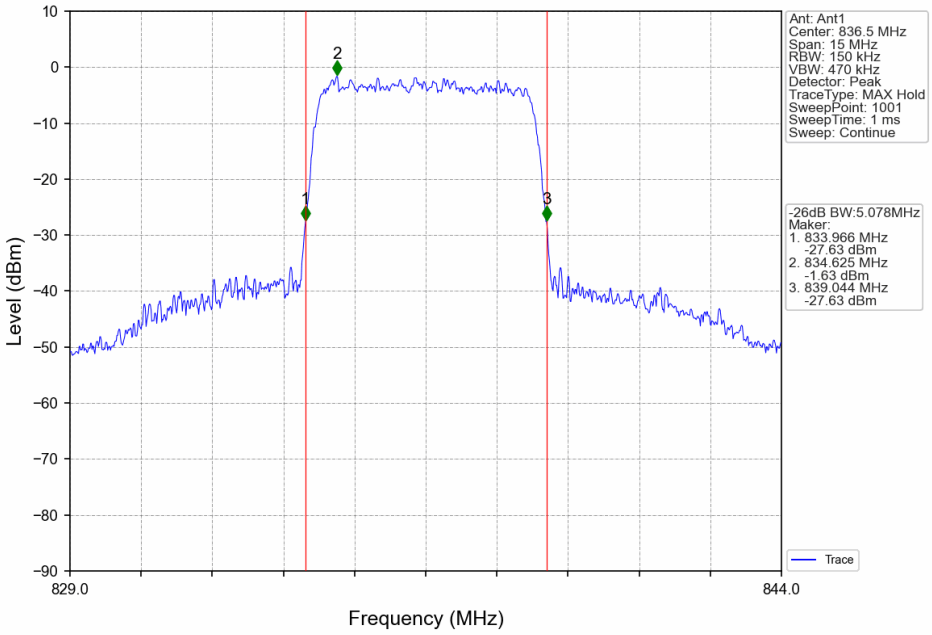
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



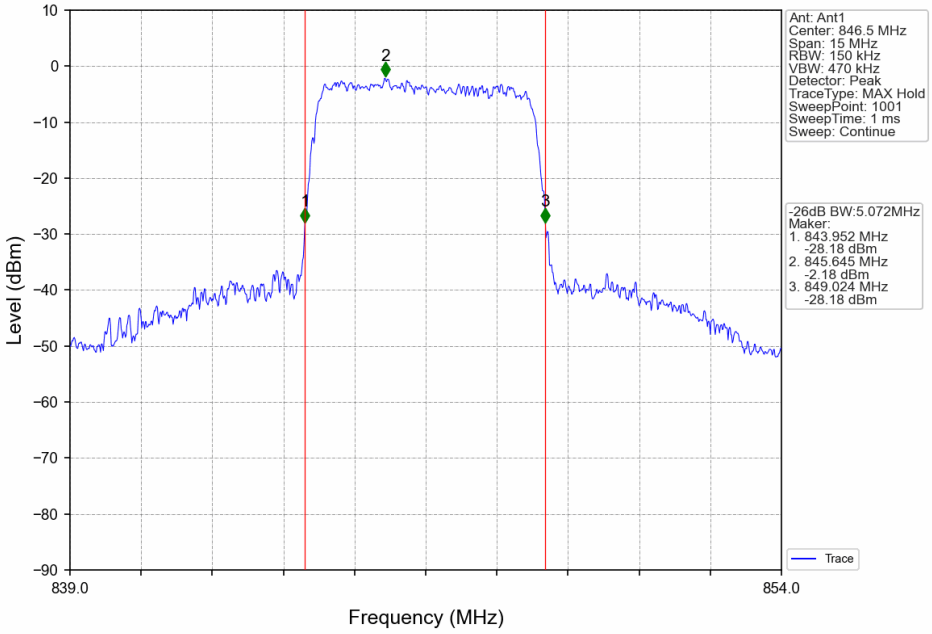
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



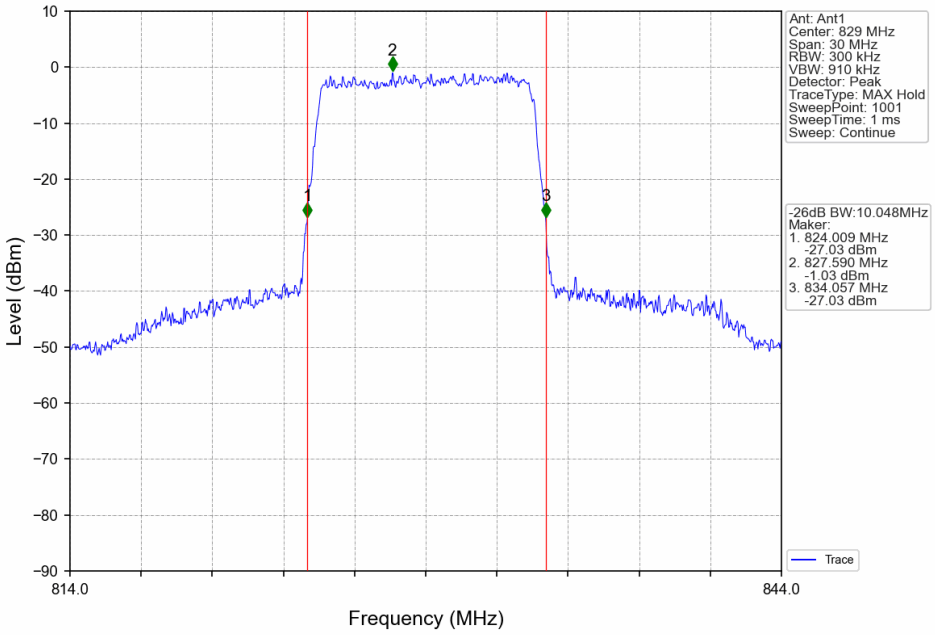
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



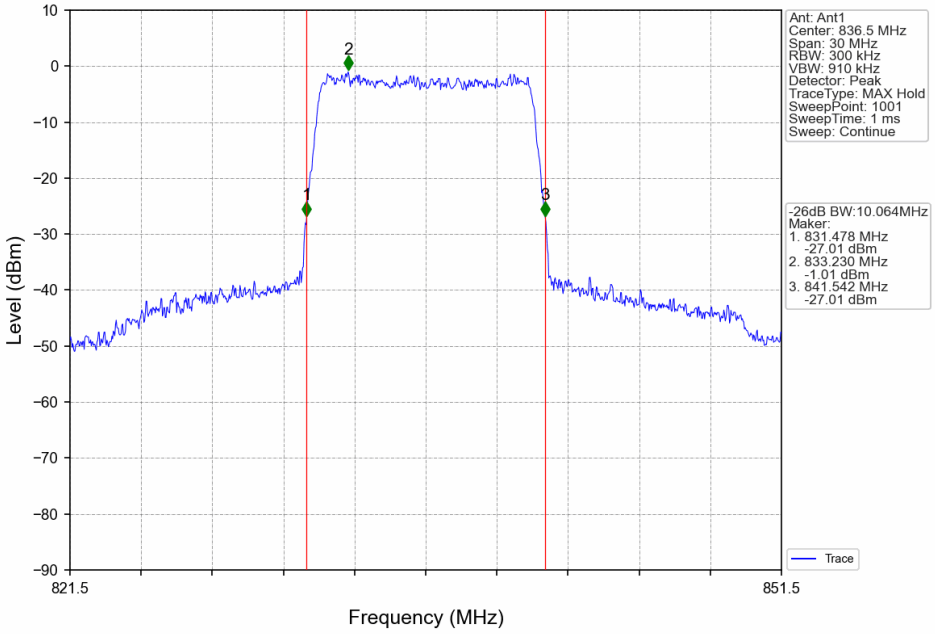
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



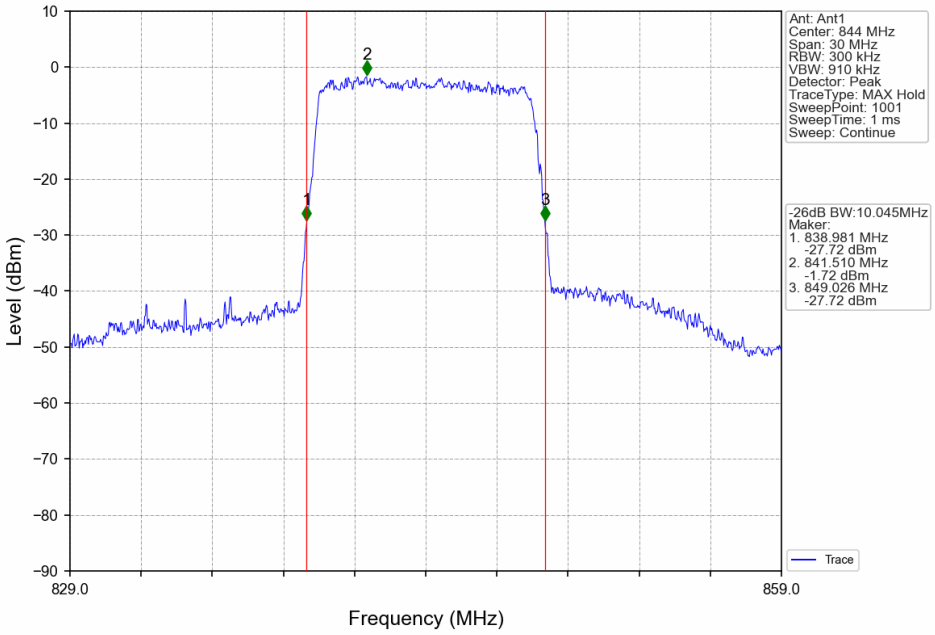
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



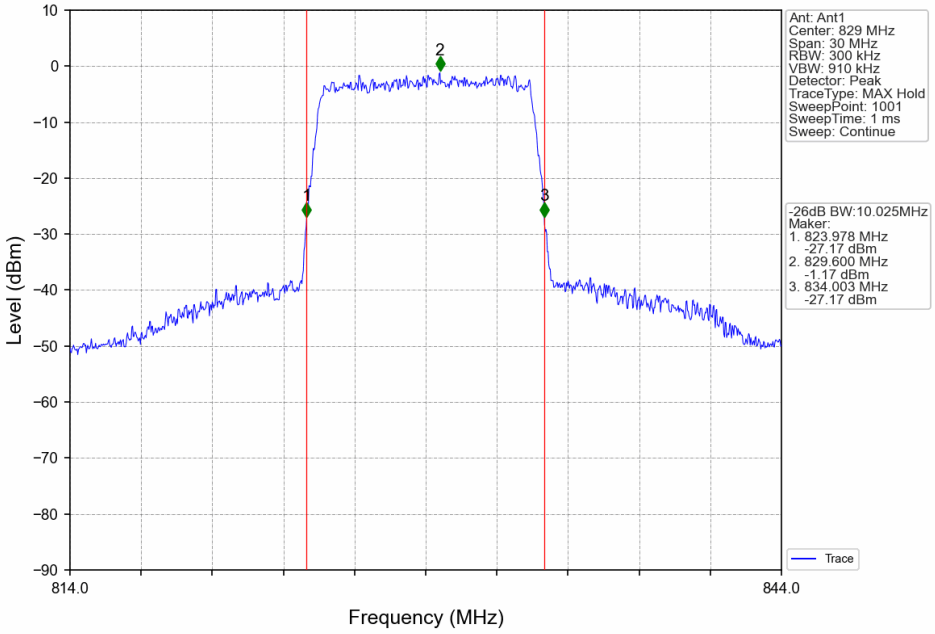
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



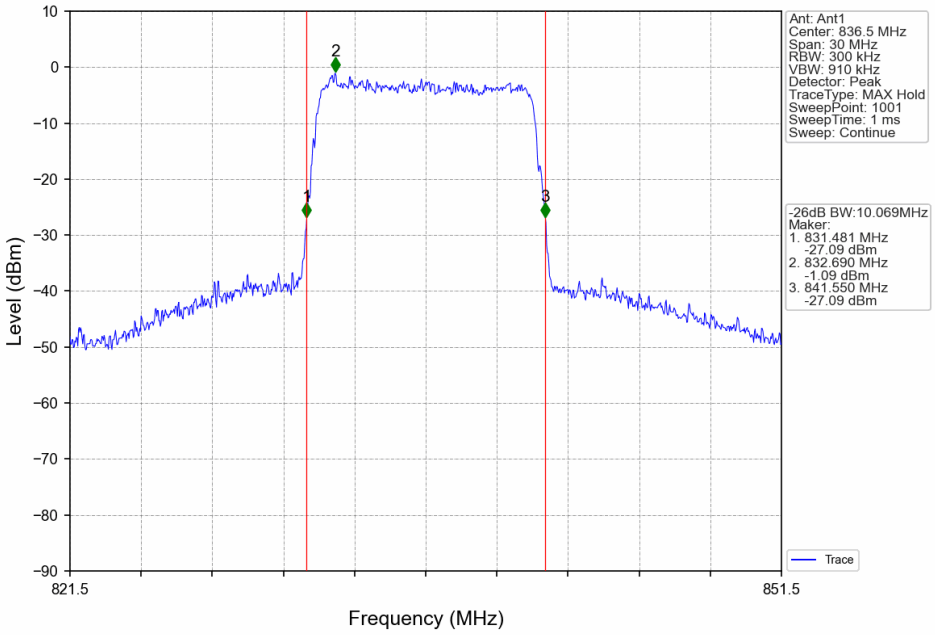
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



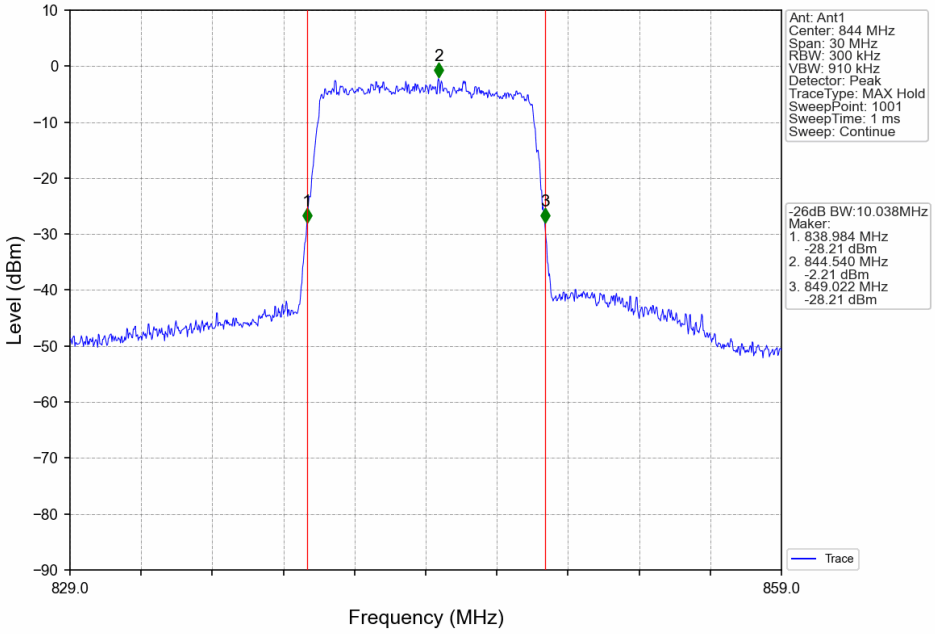
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

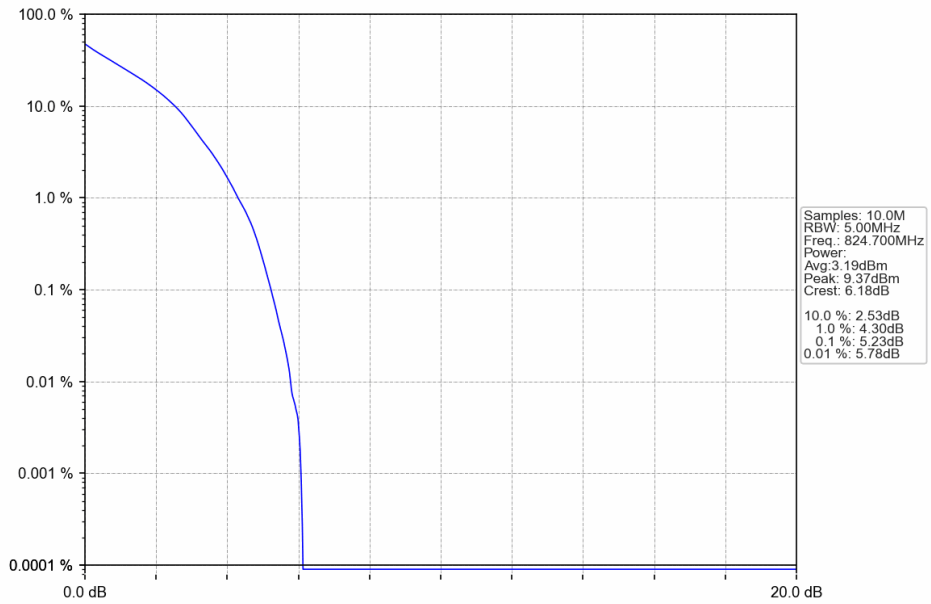
5.1 B5_1.4MHz

5.1.1 Test Result

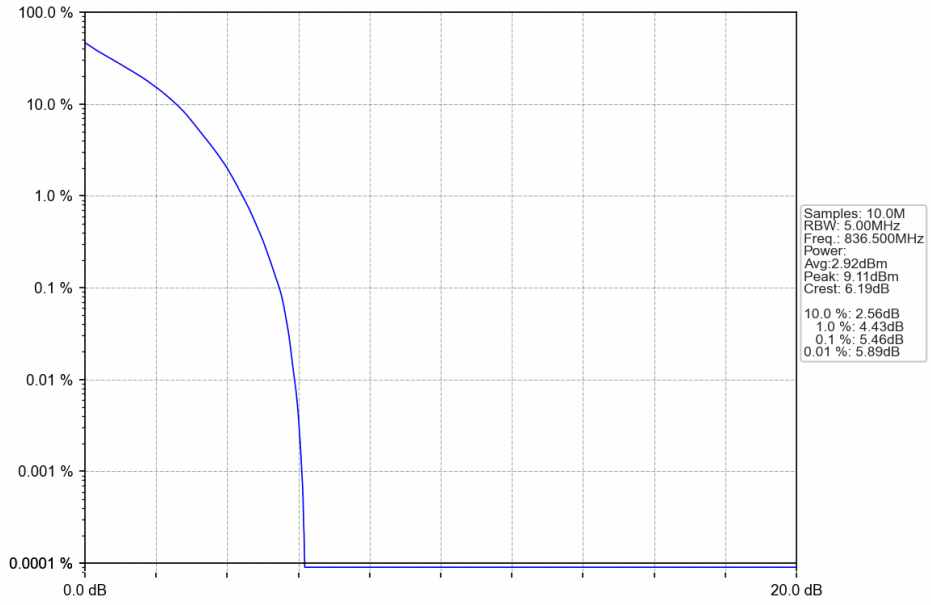
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.23	<=13	Pass
	836.5	6	0	5.46	<=13	Pass
	848.3	6	0	5.50	<=13	Pass
16QAM	824.7	6	0	6.05	<=13	Pass
	836.5	6	0	6.09	<=13	Pass
	848.3	6	0	6.23	<=13	Pass

5.1.2 Test Graph

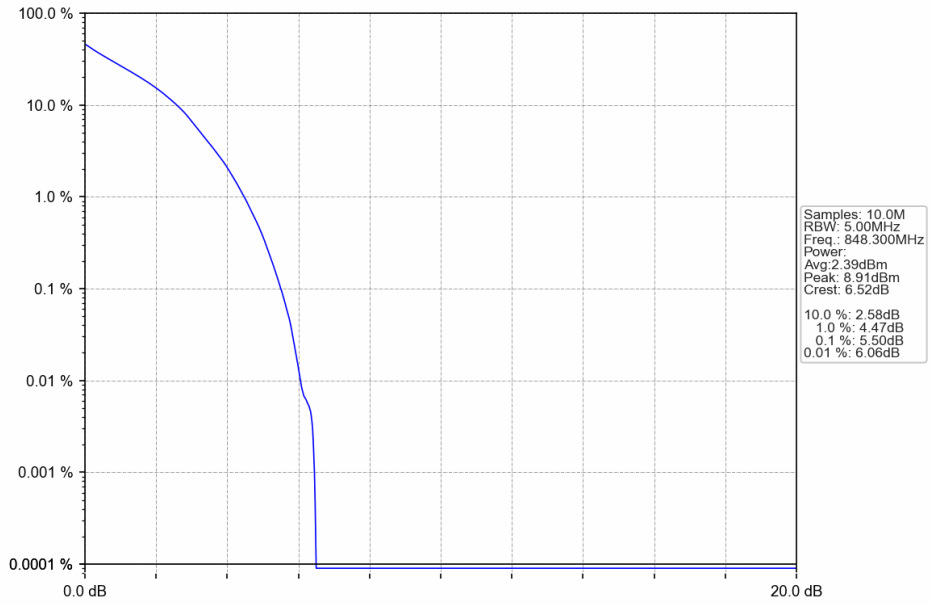
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



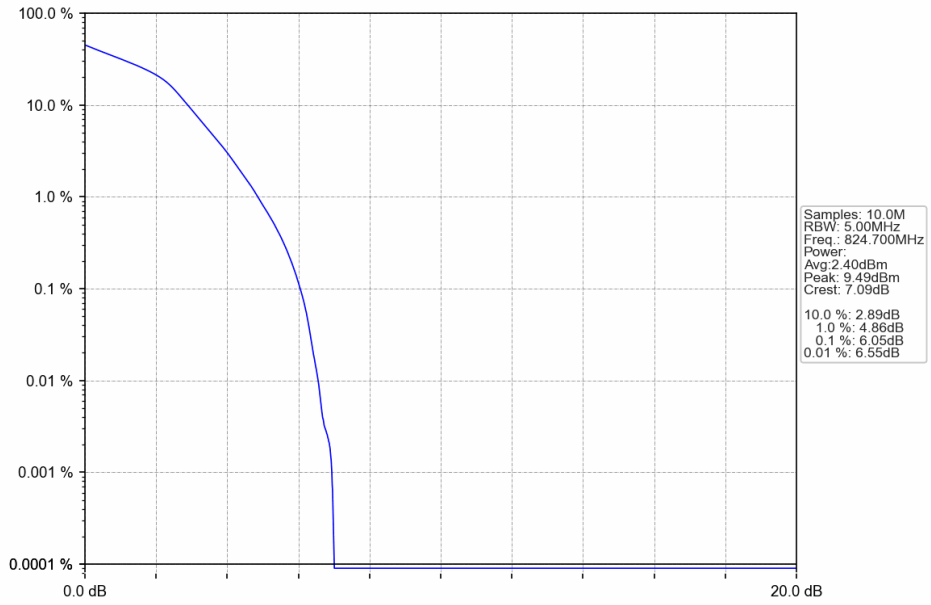
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



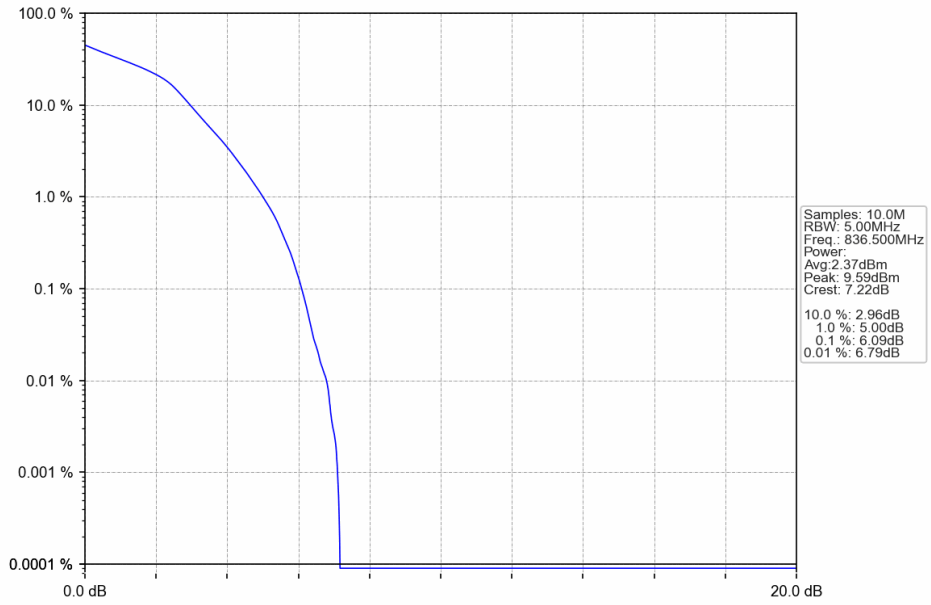
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



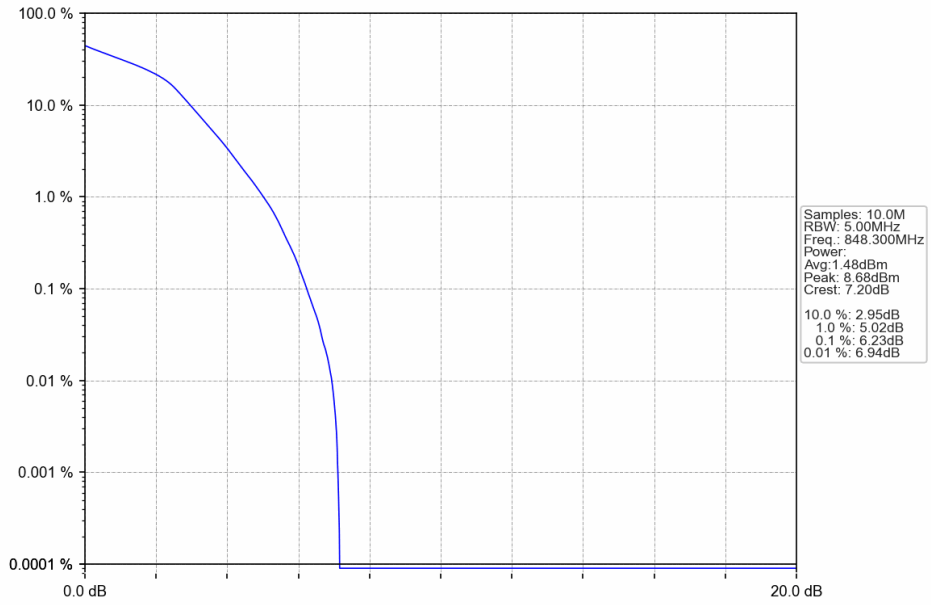
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



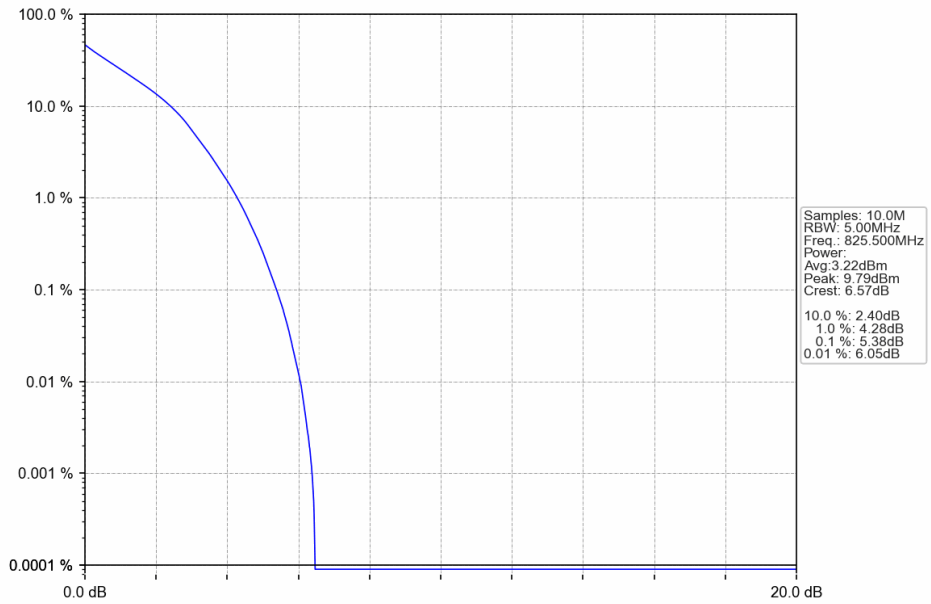
5.2 B5_3MHz

5.2.1 Test Result

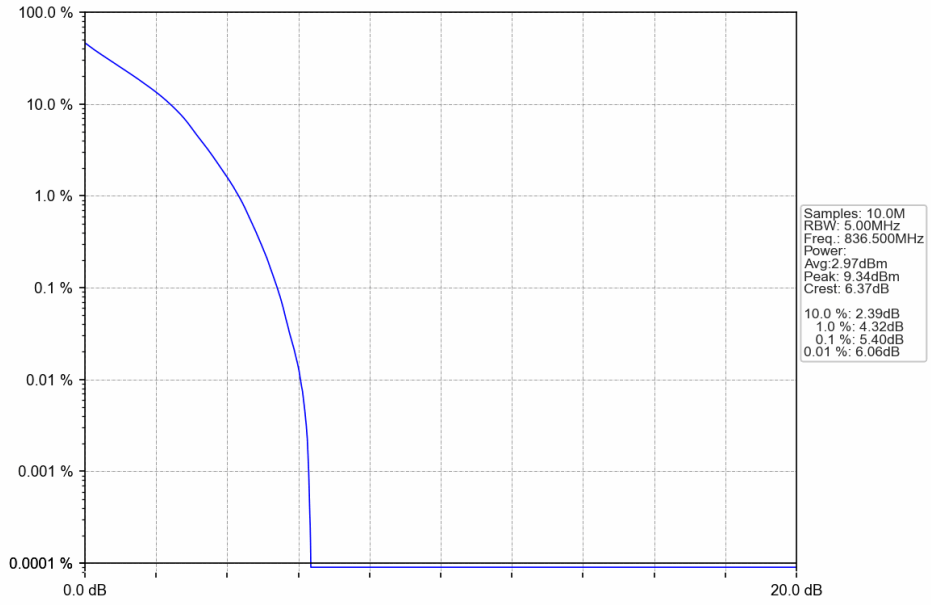
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.38	<=13	Pass
	836.5	15	0	5.40	<=13	Pass
	847.5	15	0	5.49	<=13	Pass
16QAM	825.5	15	0	6.21	<=13	Pass
	836.5	15	0	6.16	<=13	Pass
	847.5	15	0	6.21	<=13	Pass

5.2.2 Test Graph

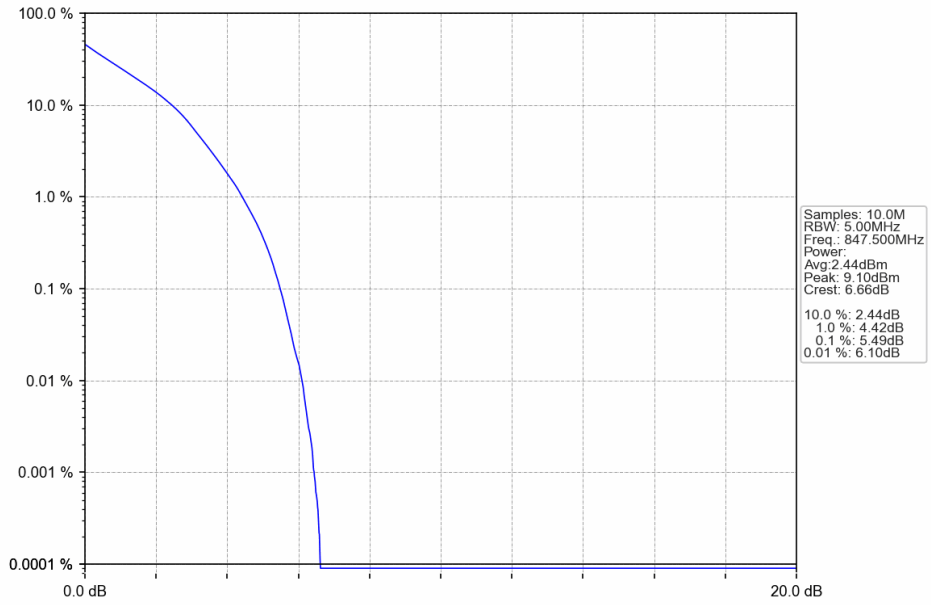
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



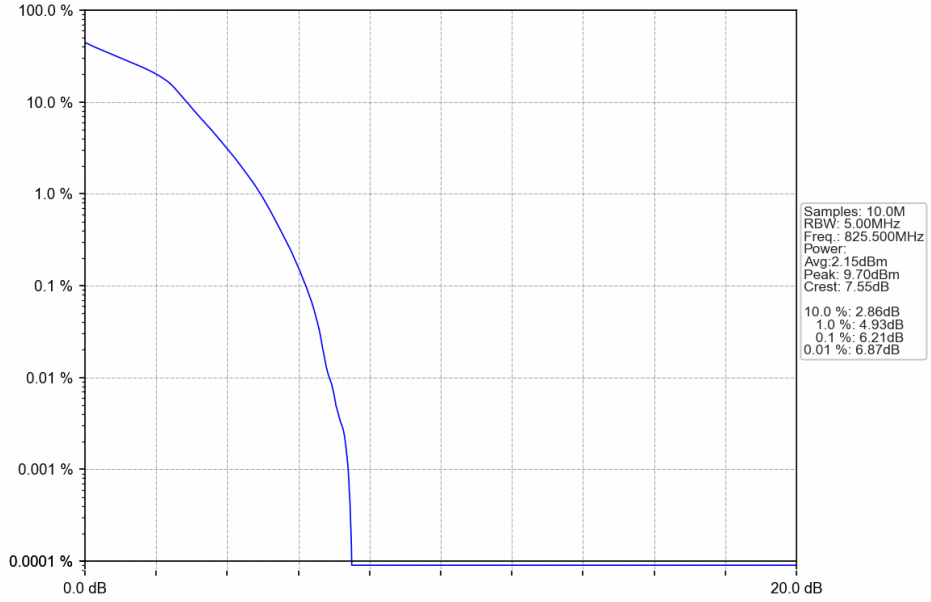
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



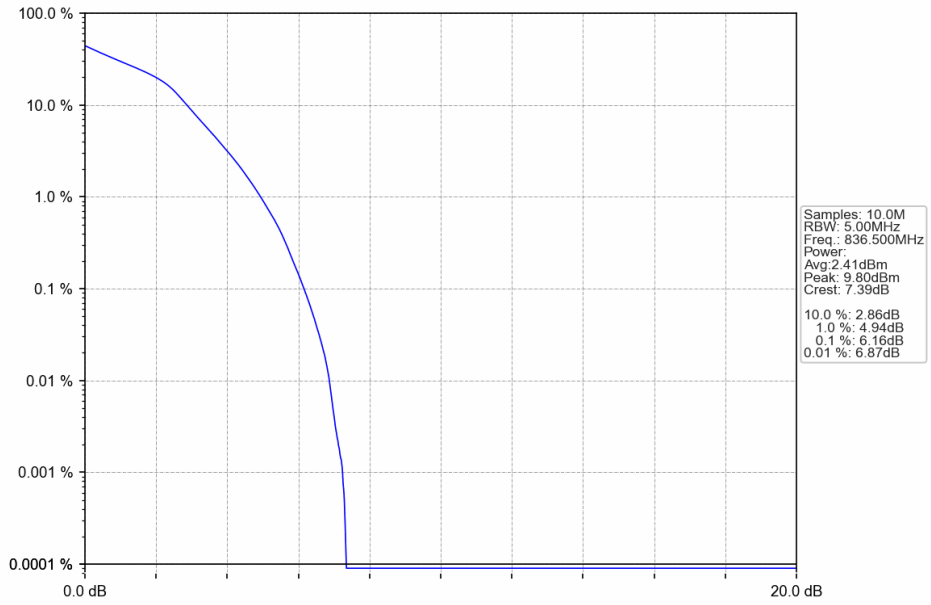
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



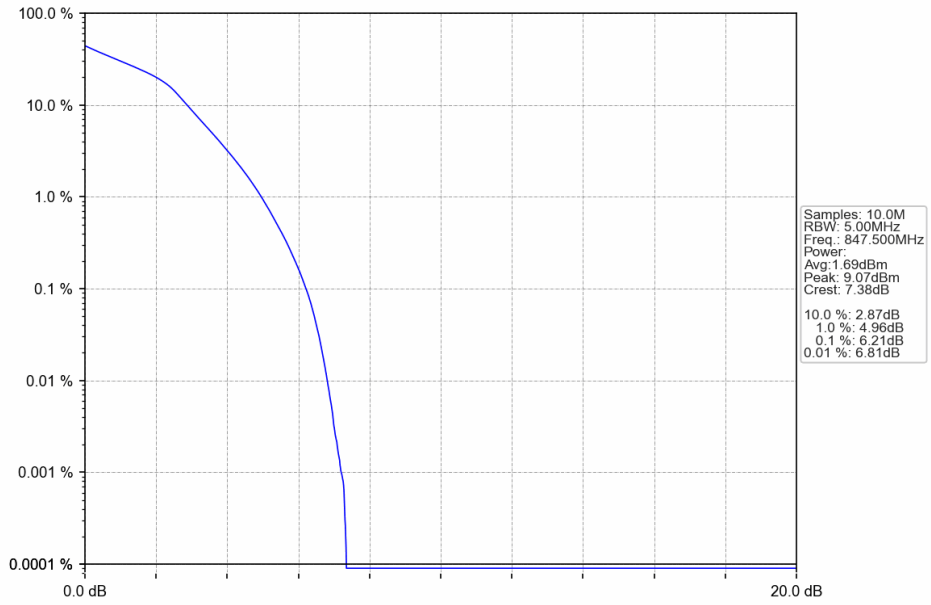
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



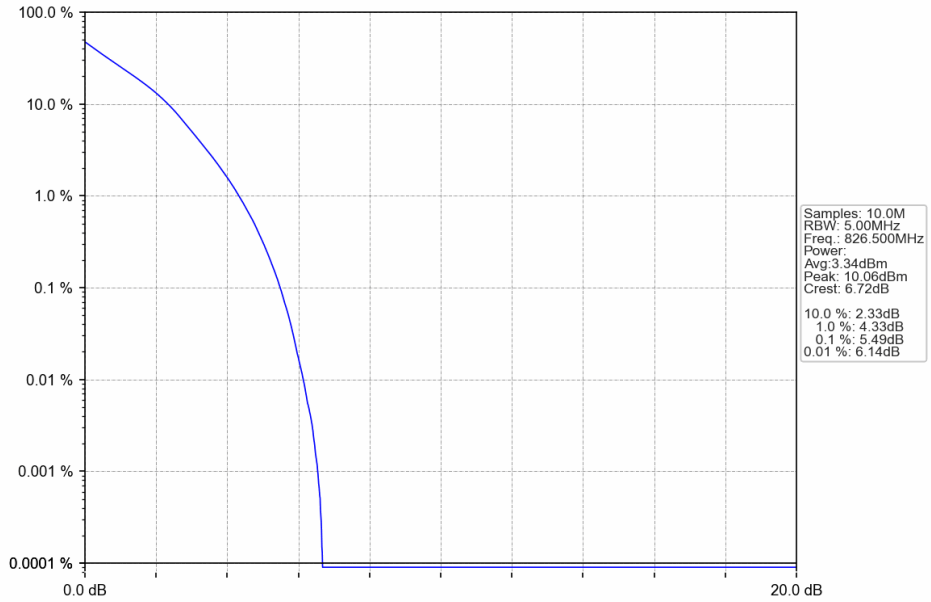
5.3 B5_5MHz

5.3.1 Test Result

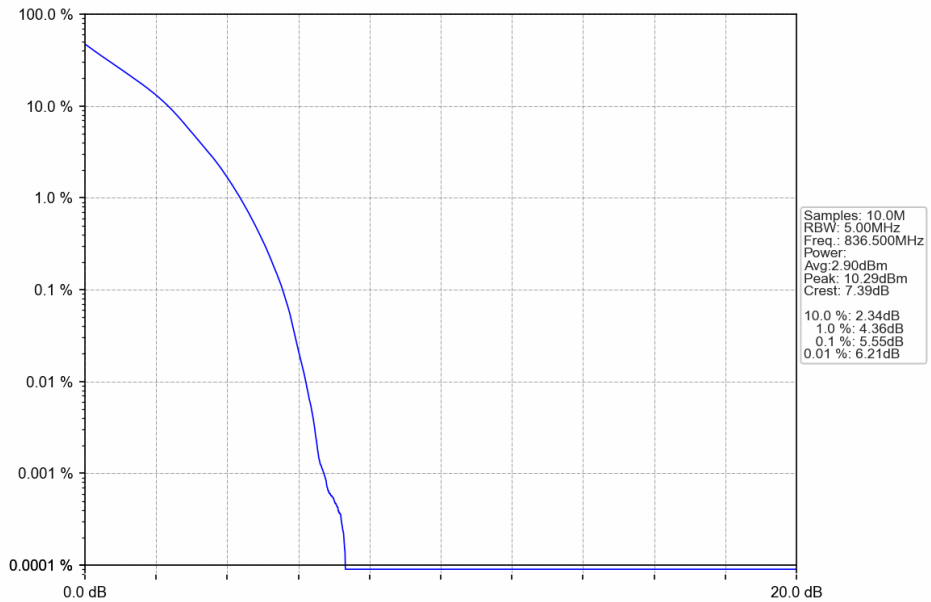
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.49	<=13	Pass
	836.5	25	0	5.55	<=13	Pass
	846.5	25	0	5.53	<=13	Pass
16QAM	826.5	25	0	6.18	<=13	Pass
	836.5	25	0	6.18	<=13	Pass
	846.5	25	0	6.21	<=13	Pass

5.3.2 Test Graph

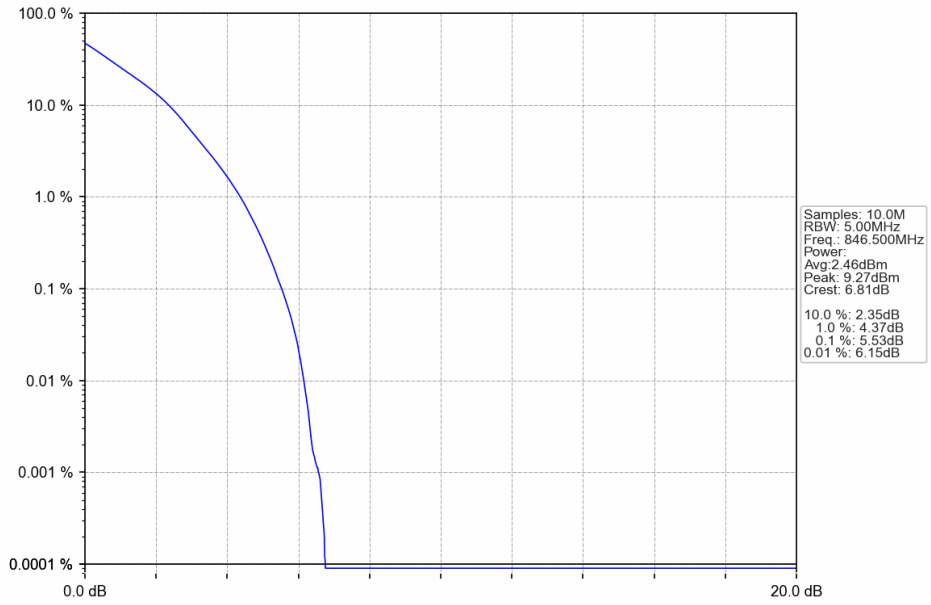
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



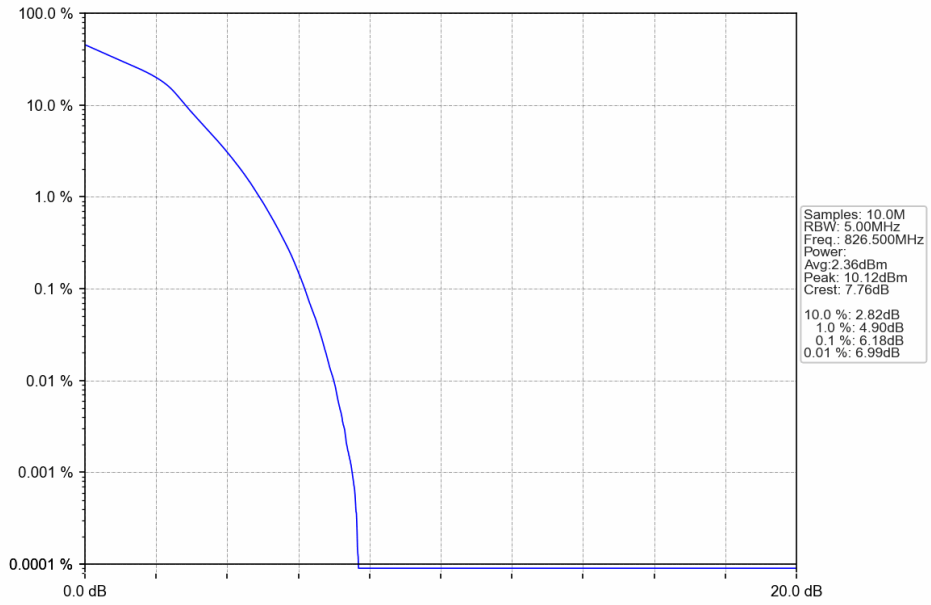
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



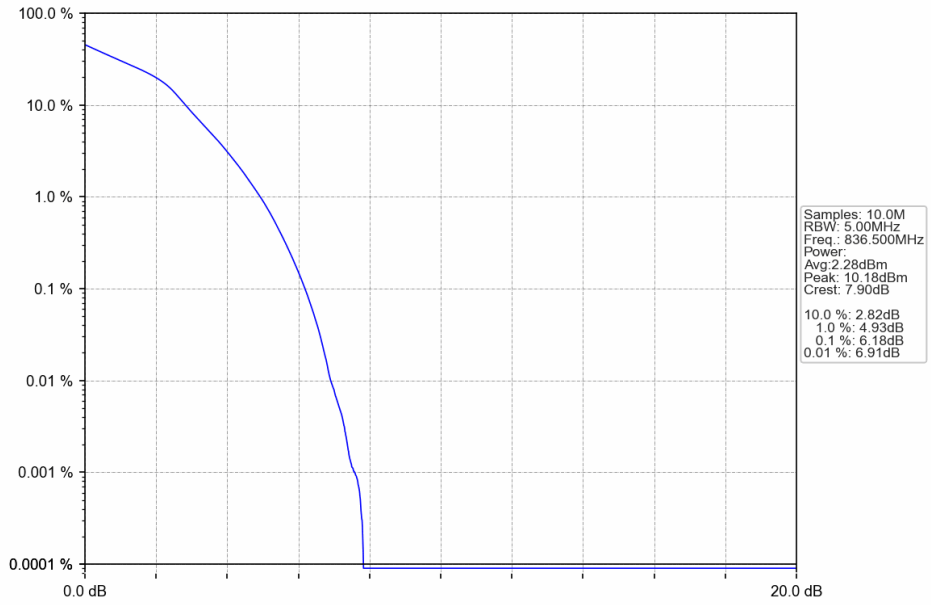
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



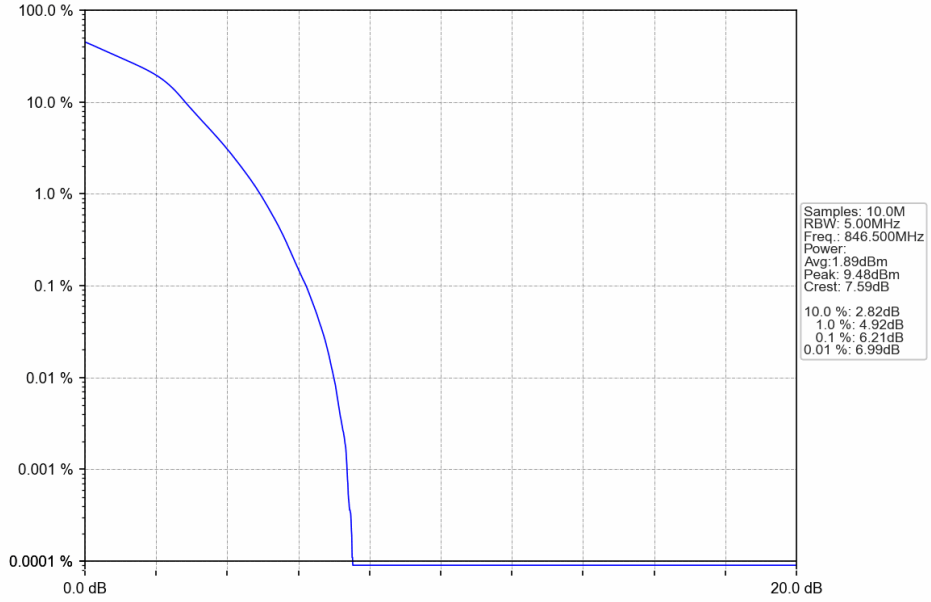
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



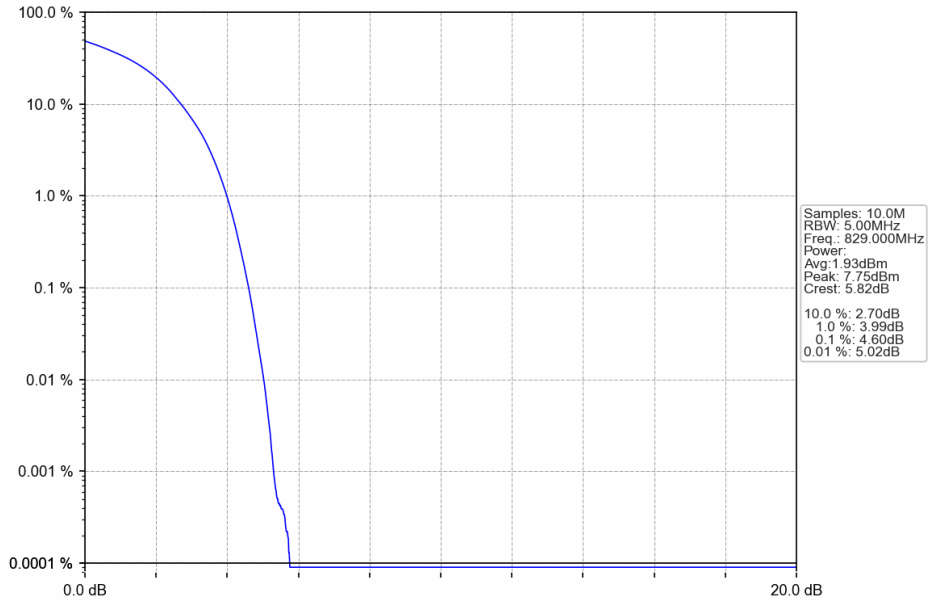
5.4 B5_10MHz

5.4.1 Test Result

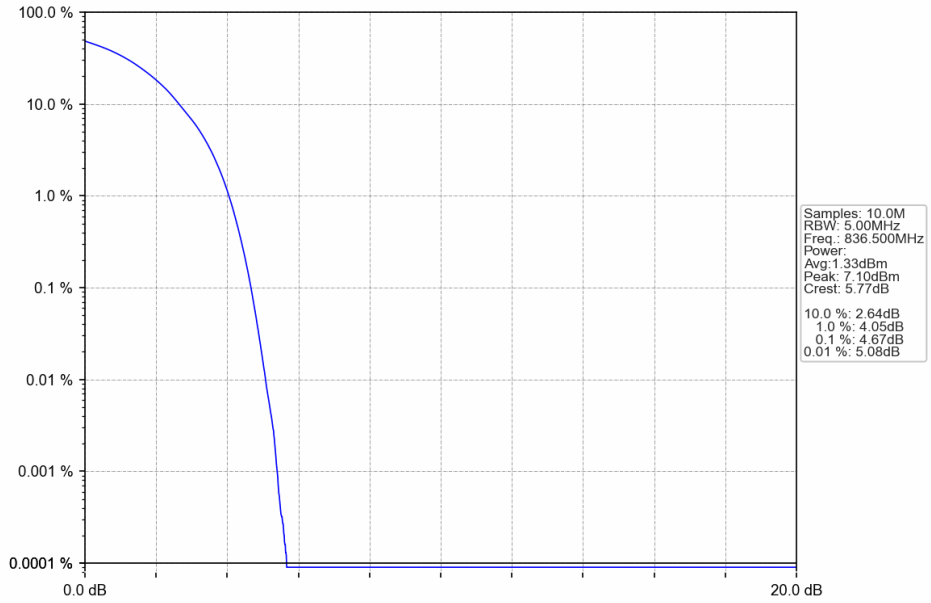
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.60	<=13	Pass
	836.5	50	0	4.67	<=13	Pass
	844	50	0	4.54	<=13	Pass
16QAM	829	50	0	5.99	<=13	Pass
	836.5	50	0	6.01	<=13	Pass
	844	50	0	6.05	<=13	Pass

5.4.2 Test Graph

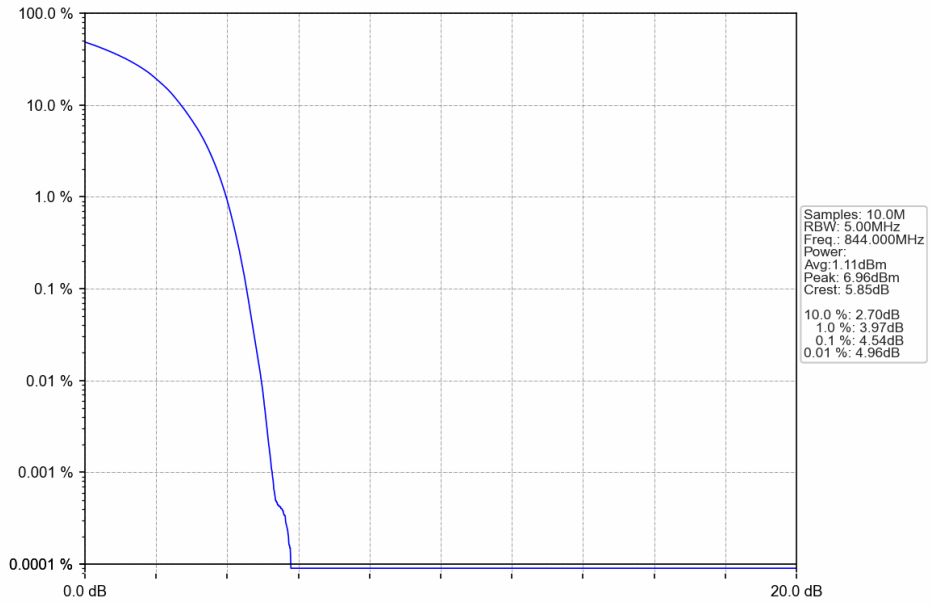
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



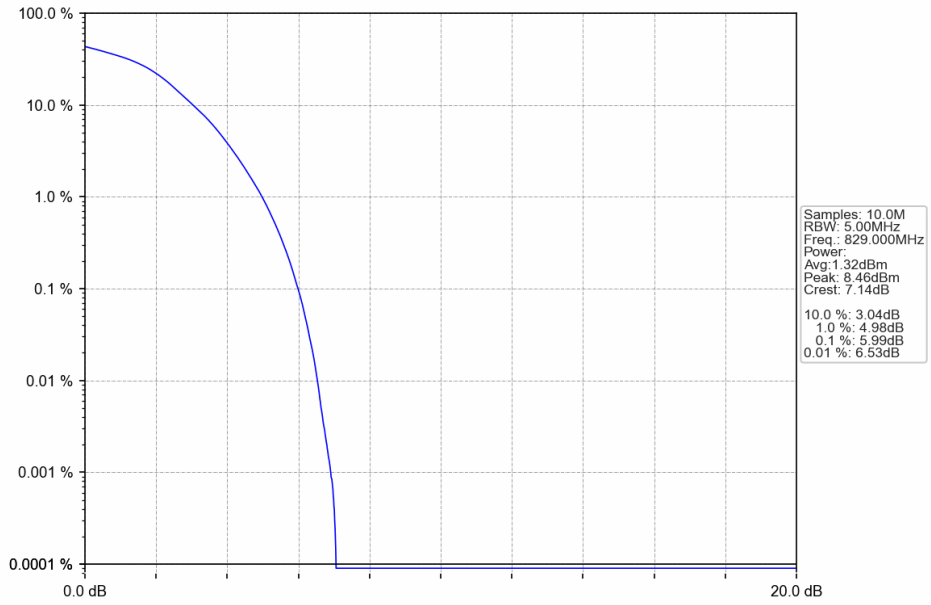
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



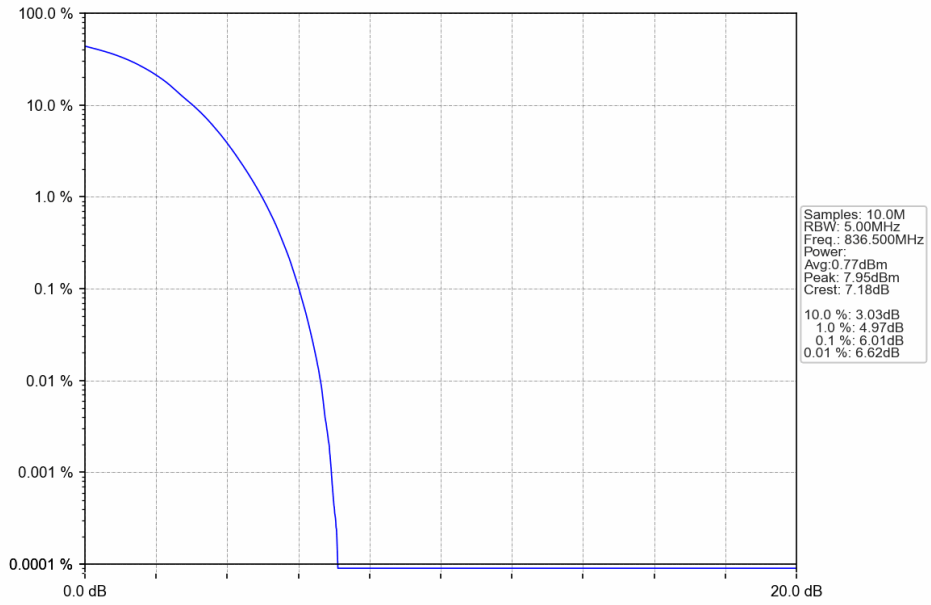
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



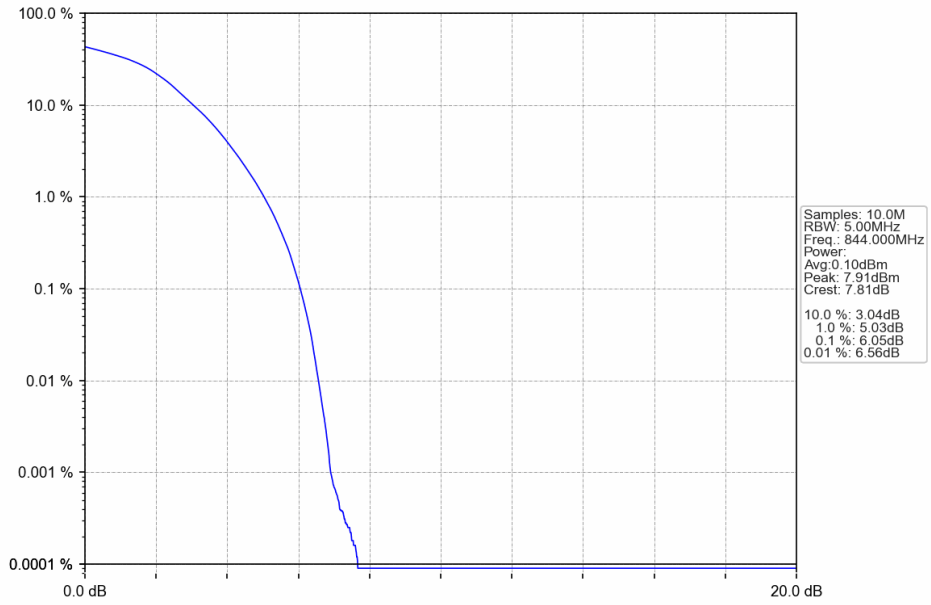
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



6. Spurious Emission

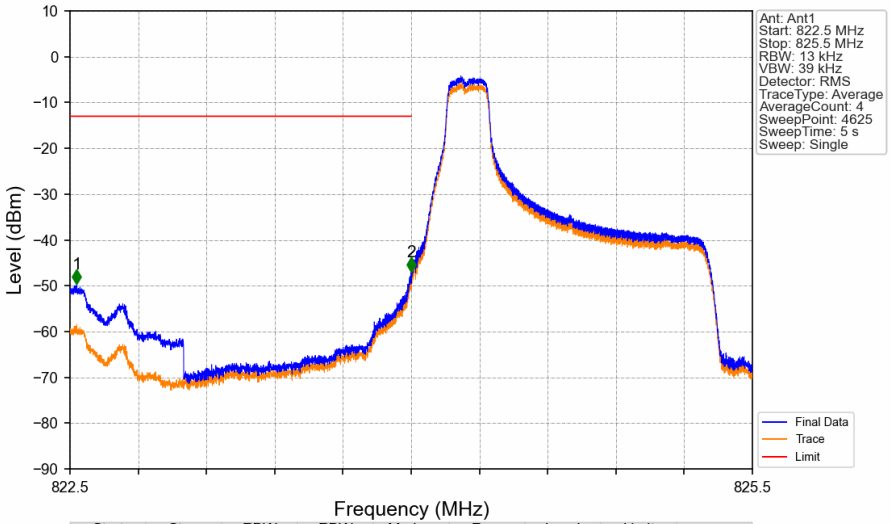
6.1 B5_1.4MHz

6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

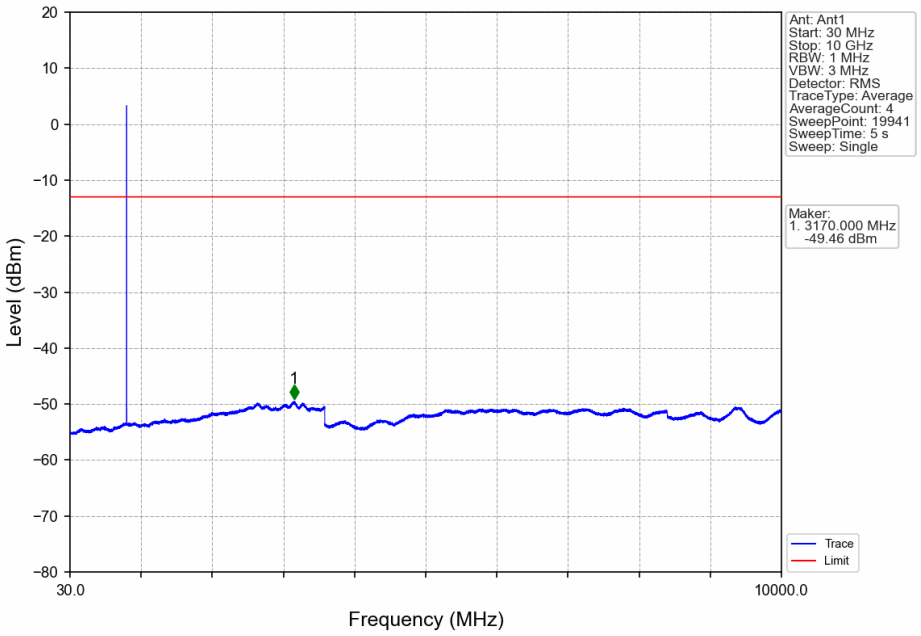
6.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

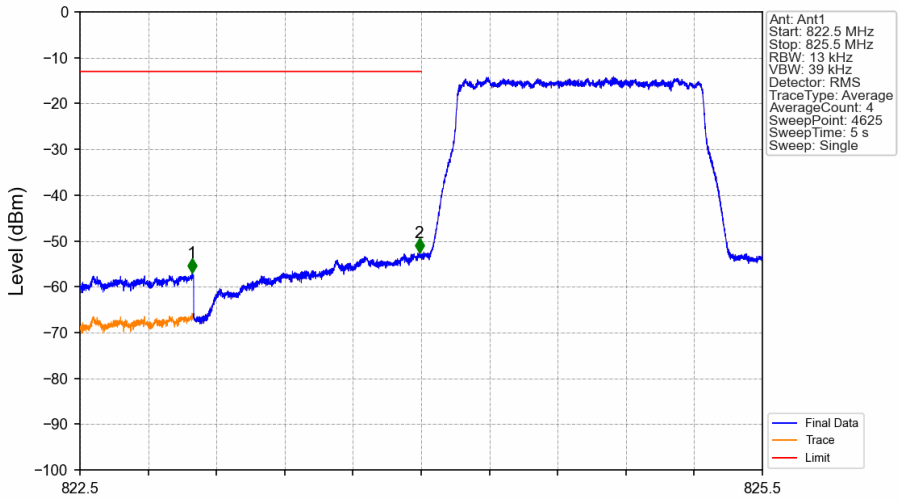


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.530	-49.58	-13	Pass
823	824	0.018	1.41	2	824.000	-47.02	-13	Pass
824	825.5	0.018	1.41	/	/	/	/	/

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

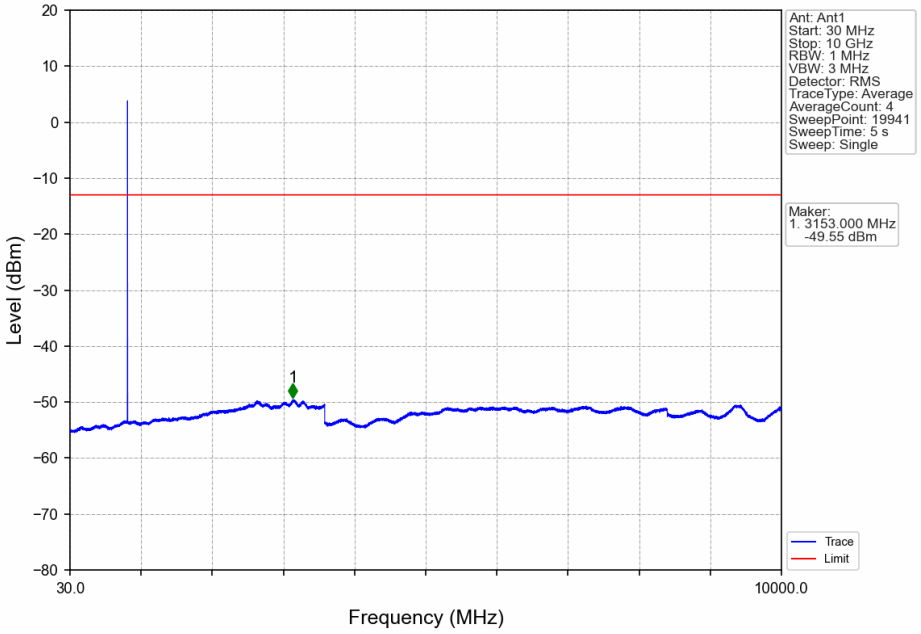


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

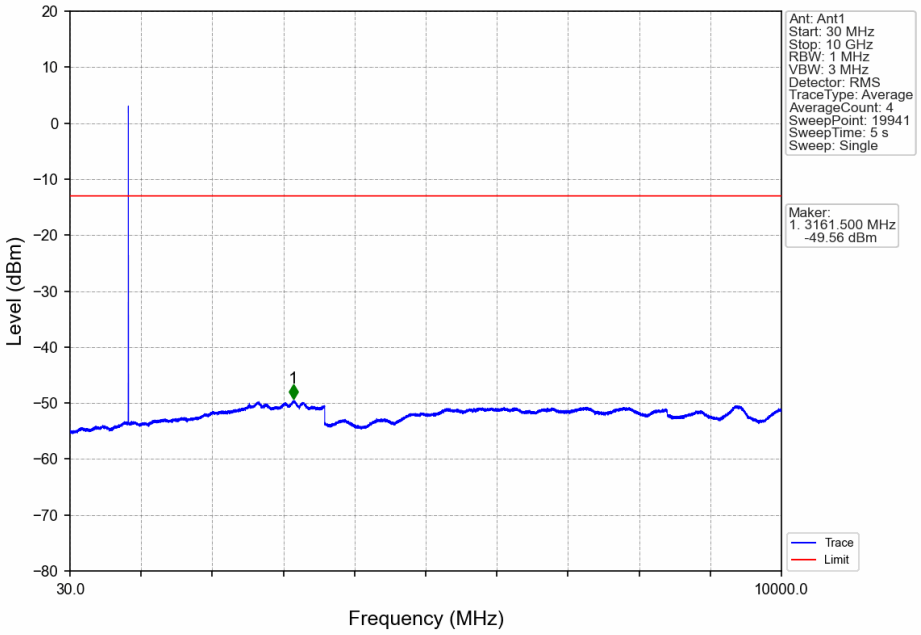


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.993	-56.94	-13	Pass
823	824	0.013	0	2	823.992	-52.58	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

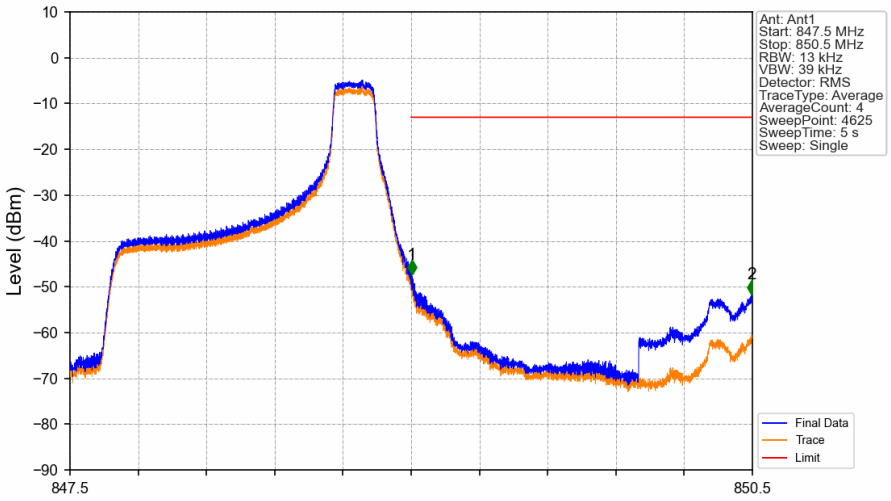
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

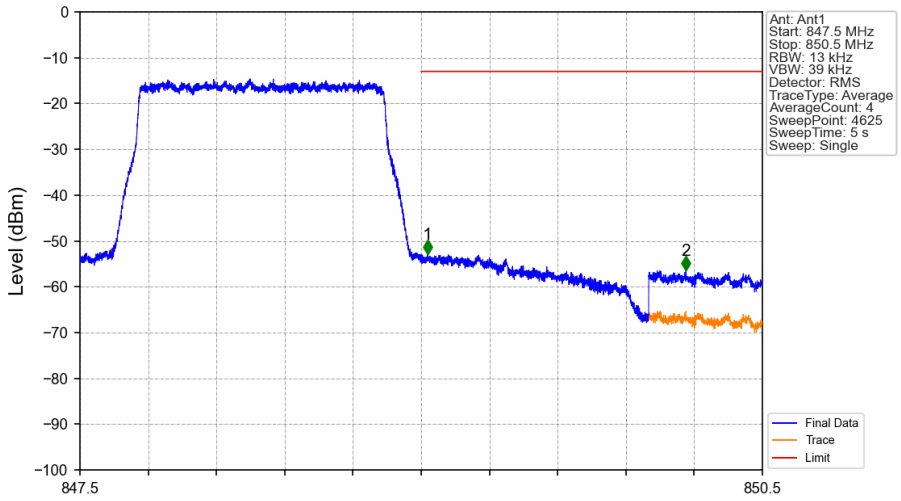


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



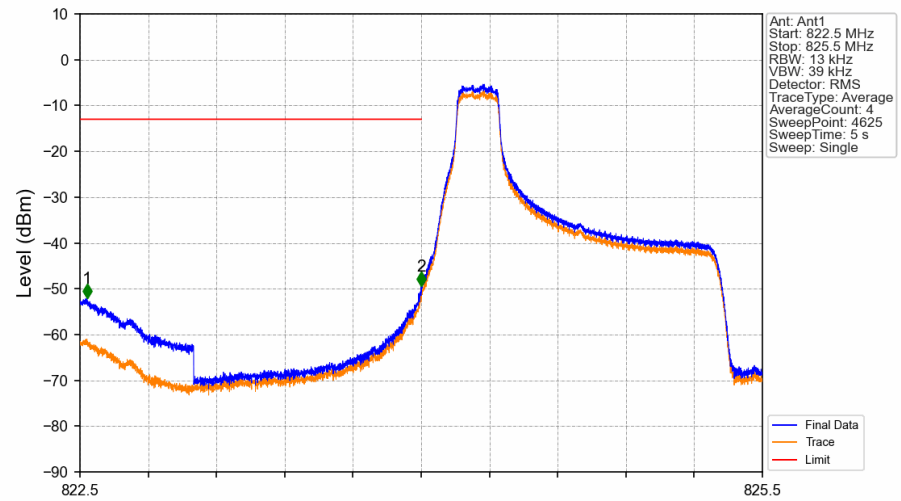
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.018	1.41	/	/	/	/	/
849	850	0.018	1.41	1	849.002	-47.28	-13	Pass
850	850.5	0.1	8.86	2	850.496	-51.64	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



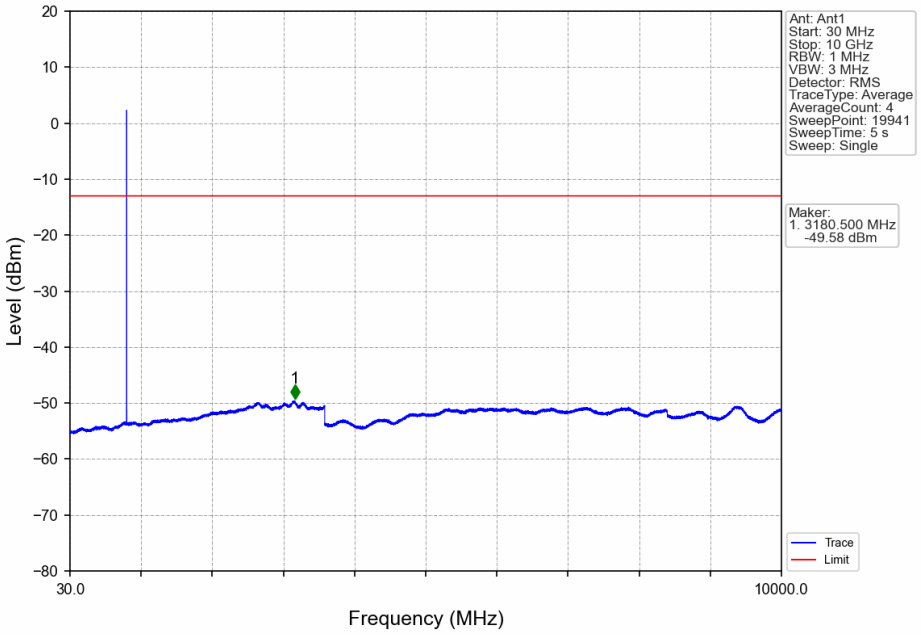
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	0	/	/	/	/	/
849	850	0.013	0	1	849.029	-52.88	-13	Pass
850	850.5	0.1	8.86	2	850.164	-56.46	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

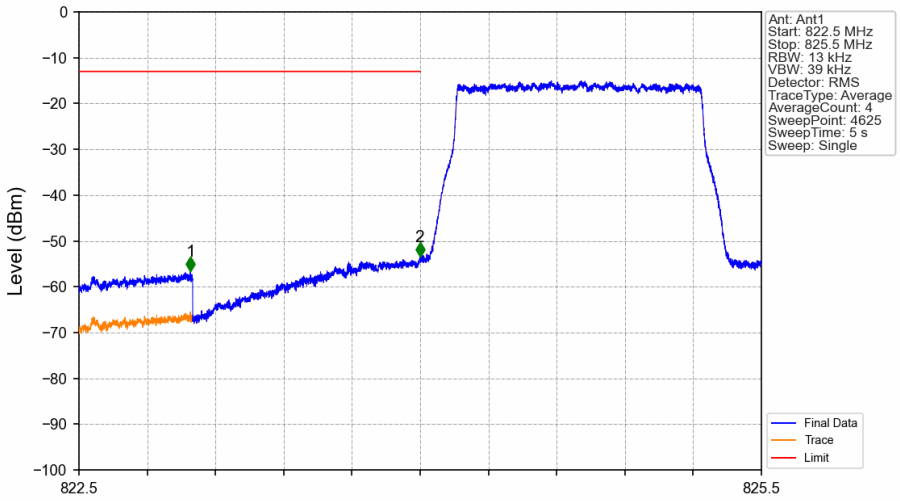


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.530	-52.10	-13	Pass
823	824	0.018	1.41	2	824.000	-49.42	-13	Pass
824	825.5	0.018	1.41	/	/	/	/	/

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

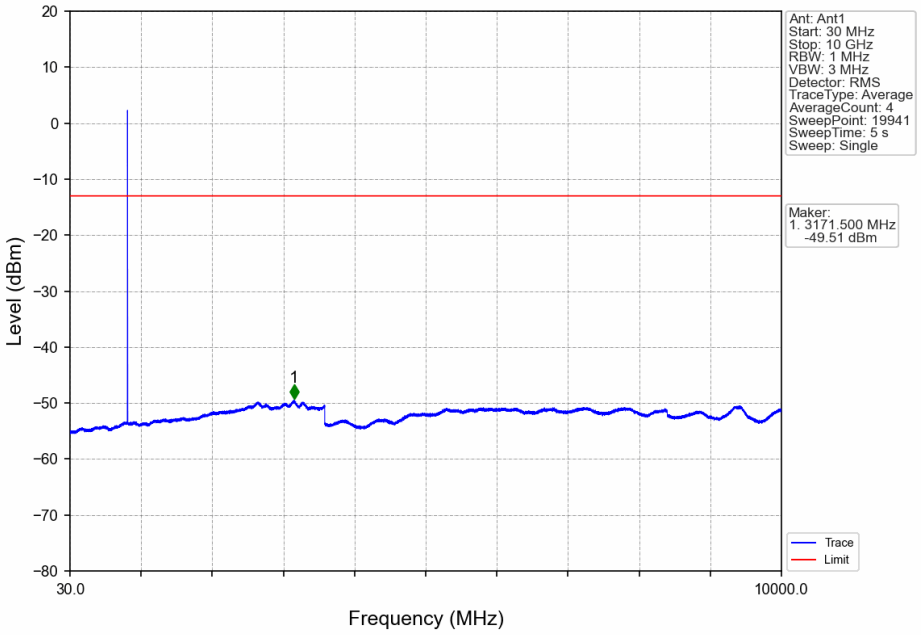


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.990	-56.59	-13	Pass
823	824	0.013	0	2	823.999	-53.41	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV