

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	23.25	0.63	21.73	<=38.45	Pass
			2	23.25	0.63	21.73	<=38.45	Pass
			5	23.23	0.63	21.71	<=38.45	Pass
		3	0	23.82	0.63	22.30	<=38.45	Pass
			2	23.85	0.63	22.33	<=38.45	Pass
			3	23.82	0.63	22.30	<=38.45	Pass
		6	0	22.87	0.63	21.35	<=38.45	Pass
	836.5	1	0	23.34	0.63	21.82	<=38.45	Pass
			2	23.35	0.63	21.83	<=38.45	Pass
			5	23.35	0.63	21.83	<=38.45	Pass
		3	0	23.98	0.63	22.46	<=38.45	Pass
			2	23.95	0.63	22.43	<=38.45	Pass
			3	23.93	0.63	22.41	<=38.45	Pass
		6	0	22.94	0.63	21.42	<=38.45	Pass
	848.3	1	0	23.28	0.63	21.76	<=38.45	Pass
			2	23.26	0.63	21.74	<=38.45	Pass
			5	23.30	0.63	21.78	<=38.45	Pass
		3	0	23.81	0.63	22.29	<=38.45	Pass
			2	23.88	0.63	22.36	<=38.45	Pass
			3	23.87	0.63	22.35	<=38.45	Pass
		6	0	22.82	0.63	21.30	<=38.45	Pass
16QAM	824.7	1	0	22.52	0.63	21.00	<=38.45	Pass
			2	22.52	0.63	21.00	<=38.45	Pass
			5	22.48	0.63	20.96	<=38.45	Pass
		3	0	22.81	0.63	21.29	<=38.45	Pass
			2	22.81	0.63	21.29	<=38.45	Pass
			3	22.81	0.63	21.29	<=38.45	Pass
		6	0	21.89	0.63	20.37	<=38.45	Pass
	836.5	1	0	22.45	0.63	20.93	<=38.45	Pass
			2	22.43	0.63	20.91	<=38.45	Pass
			5	22.45	0.63	20.93	<=38.45	Pass
		3	0	23.10	0.63	21.58	<=38.45	Pass
			2	23.09	0.63	21.57	<=38.45	Pass
			3	23.11	0.63	21.59	<=38.45	Pass
		6	0	21.93	0.63	20.41	<=38.45	Pass
	848.3	1	0	22.32	0.63	20.80	<=38.45	Pass
			2	22.28	0.63	20.76	<=38.45	Pass
			5	22.36	0.63	20.84	<=38.45	Pass
		3	0	22.83	0.63	21.31	<=38.45	Pass
			2	22.85	0.63	21.33	<=38.45	Pass
			3	22.86	0.63	21.34	<=38.45	Pass
		6	0	21.73	0.63	20.21	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	23.31	0.63	21.79	<=38.45	Pass		
			7	23.28	0.63	21.76	<=38.45	Pass		
			14	23.33	0.63	21.81	<=38.45	Pass		
		8	0	22.82	0.63	21.30	<=38.45	Pass		
			4	22.79	0.63	21.27	<=38.45	Pass		
			7	22.82	0.63	21.30	<=38.45	Pass		
		15	0	22.83	0.63	21.31	<=38.45	Pass		
		836.5	1	0	23.39	0.63	21.87	<=38.45	Pass	
				7	23.40	0.63	21.88	<=38.45	Pass	
	14			23.36	0.63	21.84	<=38.45	Pass		
	8		0	22.89	0.63	21.37	<=38.45	Pass		
			4	22.93	0.63	21.41	<=38.45	Pass		
			7	22.94	0.63	21.42	<=38.45	Pass		
	15	0	22.93	0.63	21.41	<=38.45	Pass			
	847.5	1	0	23.32	0.63	21.80	<=38.45	Pass		
			7	23.31	0.63	21.79	<=38.45	Pass		
			14	23.31	0.63	21.79	<=38.45	Pass		
		8	0	22.79	0.63	21.27	<=38.45	Pass		
			4	22.77	0.63	21.25	<=38.45	Pass		
			7	22.78	0.63	21.26	<=38.45	Pass		
		15	0	22.82	0.63	21.30	<=38.45	Pass		
		16QAM	825.5	1	0	22.38	0.63	20.86	<=38.45	Pass
					7	22.35	0.63	20.83	<=38.45	Pass
	14				22.40	0.63	20.88	<=38.45	Pass	
8	0			21.90	0.63	20.38	<=38.45	Pass		
	4			21.84	0.63	20.32	<=38.45	Pass		
	7			21.89	0.63	20.37	<=38.45	Pass		
15	0			21.89	0.63	20.37	<=38.45	Pass		
836.5	1			0	22.64	0.63	21.12	<=38.45	Pass	
				7	22.65	0.63	21.13	<=38.45	Pass	
			14	22.60	0.63	21.08	<=38.45	Pass		
	8		0	21.88	0.63	20.36	<=38.45	Pass		
			4	21.92	0.63	20.40	<=38.45	Pass		
			7	21.92	0.63	20.40	<=38.45	Pass		
15	0		21.90	0.63	20.38	<=38.45	Pass			
847.5	1		0	22.83	0.63	21.31	<=38.45	Pass		
			7	22.84	0.63	21.32	<=38.45	Pass		
			14	22.77	0.63	21.25	<=38.45	Pass		
	8		0	22.00	0.63	20.48	<=38.45	Pass		
			4	22.00	0.63	20.48	<=38.45	Pass		
			7	21.97	0.63	20.45	<=38.45	Pass		
	15		0	21.89	0.63	20.37	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	23.38	0.63	21.86	<=38.45	Pass
			13	23.37	0.63	21.85	<=38.45	Pass
			24	23.44	0.63	21.92	<=38.45	Pass
		12	0	22.83	0.63	21.31	<=38.45	Pass



16QAM	836.5	25	6	22.85	0.63	21.33	<=38.45	Pass
			13	22.79	0.63	21.27	<=38.45	Pass
			0	22.82	0.63	21.30	<=38.45	Pass
		1	0	23.39	0.63	21.87	<=38.45	Pass
			13	23.39	0.63	21.87	<=38.45	Pass
			24	23.40	0.63	21.88	<=38.45	Pass
		12	0	22.96	0.63	21.44	<=38.45	Pass
			6	22.92	0.63	21.40	<=38.45	Pass
			13	22.92	0.63	21.40	<=38.45	Pass
		25	0	22.97	0.63	21.45	<=38.45	Pass
	846.5	1	0	23.44	0.63	21.92	<=38.45	Pass
			13	23.38	0.63	21.86	<=38.45	Pass
			24	23.50	0.63	21.98	<=38.45	Pass
		12	0	22.90	0.63	21.38	<=38.45	Pass
			6	22.83	0.63	21.31	<=38.45	Pass
			13	22.81	0.63	21.29	<=38.45	Pass
		25	0	22.87	0.63	21.35	<=38.45	Pass
16QAM	826.5	1	0	22.43	0.63	20.91	<=38.45	Pass
			13	22.43	0.63	20.91	<=38.45	Pass
			24	22.48	0.63	20.96	<=38.45	Pass
		12	0	21.82	0.63	20.30	<=38.45	Pass
			6	21.84	0.63	20.32	<=38.45	Pass
			13	21.77	0.63	20.25	<=38.45	Pass
		25	0	21.88	0.63	20.36	<=38.45	Pass
	836.5	1	0	22.69	0.63	21.17	<=38.45	Pass
			13	22.69	0.63	21.17	<=38.45	Pass
			24	22.68	0.63	21.16	<=38.45	Pass
		12	0	21.98	0.63	20.46	<=38.45	Pass
			6	21.96	0.63	20.44	<=38.45	Pass
			13	21.94	0.63	20.42	<=38.45	Pass
		25	0	21.97	0.63	20.45	<=38.45	Pass
	846.5	1	0	22.15	0.63	20.63	<=38.45	Pass
			13	22.14	0.63	20.62	<=38.45	Pass
			24	22.19	0.63	20.67	<=38.45	Pass
		12	0	21.96	0.63	20.44	<=38.45	Pass
			6	21.80	0.63	20.28	<=38.45	Pass
			13	21.82	0.63	20.30	<=38.45	Pass
		25	0	21.93	0.63	20.41	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.29	0.63	21.77	<=38.45	Pass
			25	23.42	0.63	21.90	<=38.45	Pass
			49	23.41	0.63	21.89	<=38.45	Pass
		25	0	22.90	0.63	21.38	<=38.45	Pass
			13	22.91	0.63	21.39	<=38.45	Pass
			25	22.86	0.63	21.34	<=38.45	Pass
		50	0	22.93	0.63	21.41	<=38.45	Pass
	836.5	1	0	23.39	0.63	21.87	<=38.45	Pass
			25	23.43	0.63	21.91	<=38.45	Pass
			49	23.33	0.63	21.81	<=38.45	Pass
		25	0	22.93	0.63	21.41	<=38.45	Pass
			13	22.95	0.63	21.43	<=38.45	Pass



			25	22.96	0.63	21.44	<=38.45	Pass	
		50	0	23.01	0.63	21.49	<=38.45	Pass	
	844	1	0	23.40	0.63	21.88	<=38.45	Pass	
			25	23.36	0.63	21.84	<=38.45	Pass	
			49	23.27	0.63	21.75	<=38.45	Pass	
		25	0	22.96	0.63	21.44	<=38.45	Pass	
			13	22.86	0.63	21.34	<=38.45	Pass	
			25	22.78	0.63	21.26	<=38.45	Pass	
	50	0	22.93	0.63	21.41	<=38.45	Pass		
16QAM	829	1	0	22.31	0.63	20.79	<=38.45	Pass	
			25	22.44	0.63	20.92	<=38.45	Pass	
			49	22.46	0.63	20.94	<=38.45	Pass	
		12	0	22.88	0.63	21.36	<=38.45	Pass	
			19	22.98	0.63	21.46	<=38.45	Pass	
			38	22.97	0.63	21.45	<=38.45	Pass	
		27	0	21.90	0.63	20.38	<=38.45	Pass	
		836.5	1	0	22.61	0.63	21.09	<=38.45	Pass
				25	22.64	0.63	21.12	<=38.45	Pass
	49			22.52	0.63	21.00	<=38.45	Pass	
	12		0	22.98	0.63	21.46	<=38.45	Pass	
			19	22.97	0.63	21.45	<=38.45	Pass	
			38	22.99	0.63	21.47	<=38.45	Pass	
	27	0	21.99	0.63	20.47	<=38.45	Pass		
	844	1	0	22.91	0.63	21.39	<=38.45	Pass	
			25	22.84	0.63	21.32	<=38.45	Pass	
			49	22.76	0.63	21.24	<=38.45	Pass	
		12	0	22.96	0.63	21.44	<=38.45	Pass	
			19	22.91	0.63	21.39	<=38.45	Pass	
			38	22.86	0.63	21.34	<=38.45	Pass	
		27	23	21.68	0.63	20.16	<=38.45	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	-3.176	-0.0039	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0062	-2.5 to 2.5	Pass
					4.43	-1.388	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.121	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				30	3.85	15.464	0.0188	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.187	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
					4.43	2.861	0.0034	-2.5 to 2.5	Pass



				-30	3.85	1.359	0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.907	0.0059	-2.5 to 2.5	Pass
				-10	3.85	4.020	0.0048	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0017	-2.5 to 2.5	Pass
				10	3.85	2.947	0.0035	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0041	-2.5 to 2.5	Pass
				40	3.85	2.003	0.0024	-2.5 to 2.5	Pass
				50	3.85	1.831	0.0022	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.004	-0.0035	-2.5 to 2.5	Pass
					3.85	2.103	0.0025	-2.5 to 2.5	Pass
					4.43	0.157	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.592	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-3.433	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	4.735	0.0056	-2.5 to 2.5	Pass
				0	3.85	1.588	0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.004	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.489	-0.0029	-2.5 to 2.5	Pass
				20	3.27	-1.216	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0026	-2.5 to 2.5	Pass
					4.43	2.589	0.0031	-2.5 to 2.5	Pass
16QAM	824.7	6	0	-30	3.85	4.306	0.0052	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0030	-2.5 to 2.5	Pass
				0	3.85	3.848	0.0047	-2.5 to 2.5	Pass
				10	3.85	2.961	0.0036	-2.5 to 2.5	Pass
				30	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.216	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.905	-0.0047	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	6.652	0.0080	-2.5 to 2.5	Pass
					3.85	2.446	0.0029	-2.5 to 2.5	Pass
					4.43	4.649	0.0056	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.330	0.0016	-2.5 to 2.5	Pass
				-10	3.85	3.762	0.0045	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				10	3.85	7.510	0.0090	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-3.033	-0.0036	-2.5 to 2.5	Pass
					3.85	4.792	0.0056	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	2.789	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.375	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				40	3.85	1.359	0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0044	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict



	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	825.5	15	0	20	3.27	-2.217	-0.0027	-2.5 to 2.5	Pass
					3.85	1.688	0.0020	-2.5 to 2.5	Pass
					4.43	1.073	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				0	3.85	2.675	0.0032	-2.5 to 2.5	Pass
				10	3.85	-7.195	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.847	-0.0034	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				0	3.85	3.161	0.0038	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				40	3.85	3.662	0.0044	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0050	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.273	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0058	-2.5 to 2.5	Pass
					4.43	4.492	0.0053	-2.5 to 2.5	Pass
				-30	3.85	3.963	0.0047	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0011	-2.5 to 2.5	Pass
				-10	3.85	3.376	0.0040	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
					4.43	0.215	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.662	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-5.493	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-7.696	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-3.090	-0.0037	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	0.329	0.0004	-2.5 to 2.5	Pass
					3.85	1.903	0.0023	-2.5 to 2.5	Pass
					4.43	0.672	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.875	0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0046	-2.5 to 2.5	Pass
				0	3.85	1.960	0.0023	-2.5 to 2.5	Pass
				10	3.85	2.718	0.0032	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0044	-2.5 to 2.5	Pass
				50	3.85	0.558	0.0007	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.187	-0.0014	-2.5 to 2.5	Pass
					3.85	1.345	0.0016	-2.5 to 2.5	Pass



					4.43	1.788	0.0021	-2.5 to 2.5	Pass
				-30	3.85	2.203	0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0030	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass
				10	3.85	5.465	0.0064	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
				40	3.85	1.845	0.0022	-2.5 to 2.5	Pass
				50	3.85	2.818	0.0033	-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	-1.631	-0.0020	-2.5 to 2.5	Pass
					3.85	1.159	0.0014	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.275	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0045	-2.5 to 2.5	Pass
				10	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-2.518	-0.0030	-2.5 to 2.5	Pass
					3.85	0.772	0.0009	-2.5 to 2.5	Pass
					4.43	2.360	0.0028	-2.5 to 2.5	Pass
				-30	3.85	1.717	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0034	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0011	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-1.745	-0.0021	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
					4.43	0.744	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.645	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0036	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	0.744	0.0009	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
					4.43	1.359	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass



	836.5	25	0	40	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0012	-2.5 to 2.5	Pass
				20	3.27	-2.031	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.734	-0.0045	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0045	-2.5 to 2.5	Pass
	846.5	25	0	50	3.85	3.533	0.0042	-2.5 to 2.5	Pass
				20	3.27	-1.345	-0.0016	-2.5 to 2.5	Pass
					3.85	0.572	0.0007	-2.5 to 2.5	Pass
					4.43	-4.549	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-0.901	-0.0011	-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	-2.332	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.460	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.629	0.0008	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.958	0.0011	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
					4.43	0.529	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
	844	50	0	20	3.27	0.343	0.0004	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					4.43	1.988	0.0024	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass



				-10	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.875	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.402	-0.0017	-2.5 to 2.5	Pass
				40	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.27	0.443	0.0005	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
					4.43	1.903	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.973	0.0012	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
				30	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.830	-0.0010	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	2.604	0.0031	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0036	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0036	-2.5 to 2.5	Pass
				30	3.85	2.532	0.0030	-2.5 to 2.5	Pass
				40	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0018	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-1.688	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.173	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.901	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.087	0.0013	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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

**3.1.2 B5_3MHz**

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

3.1.3 B5_5MHz

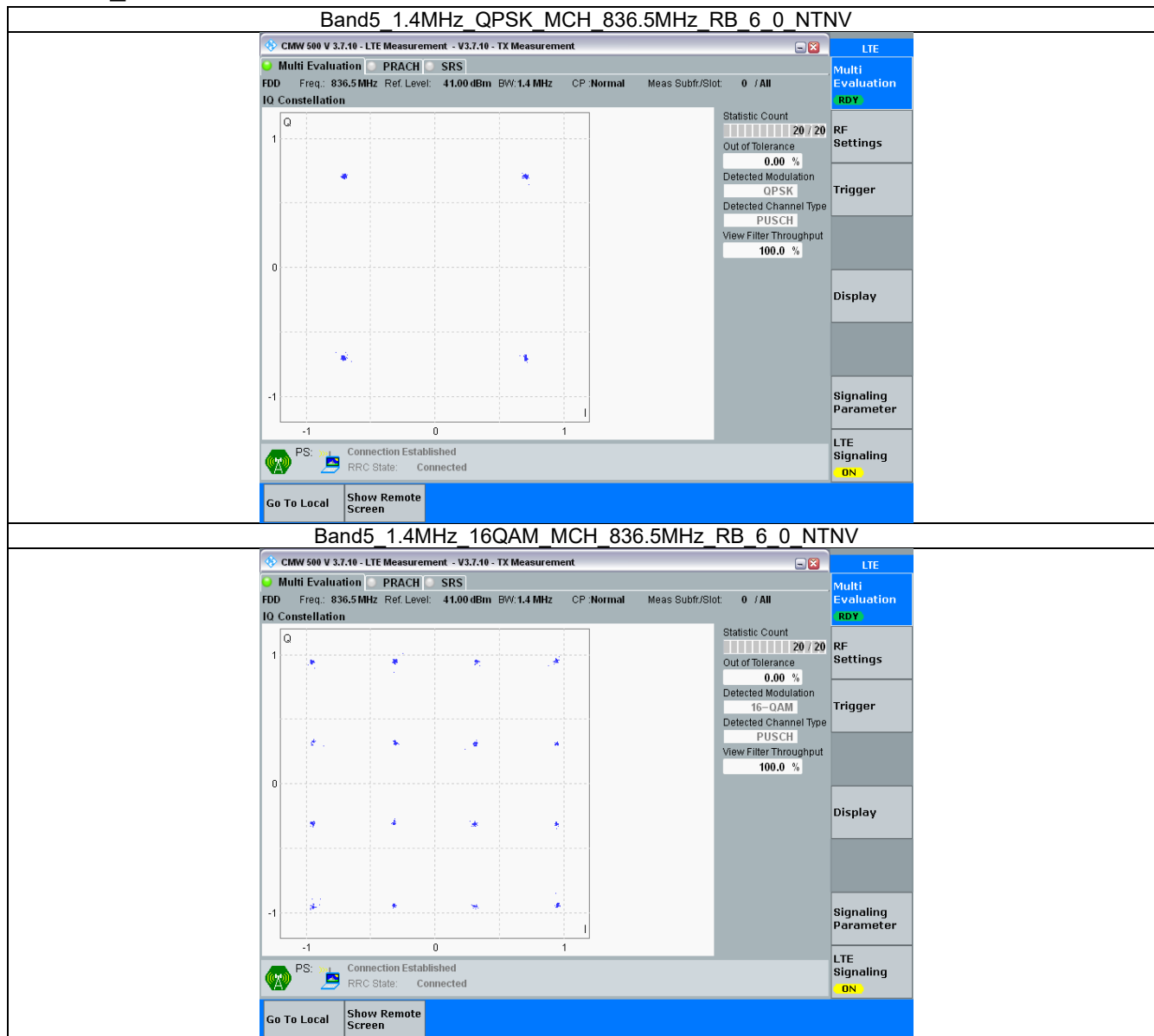
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

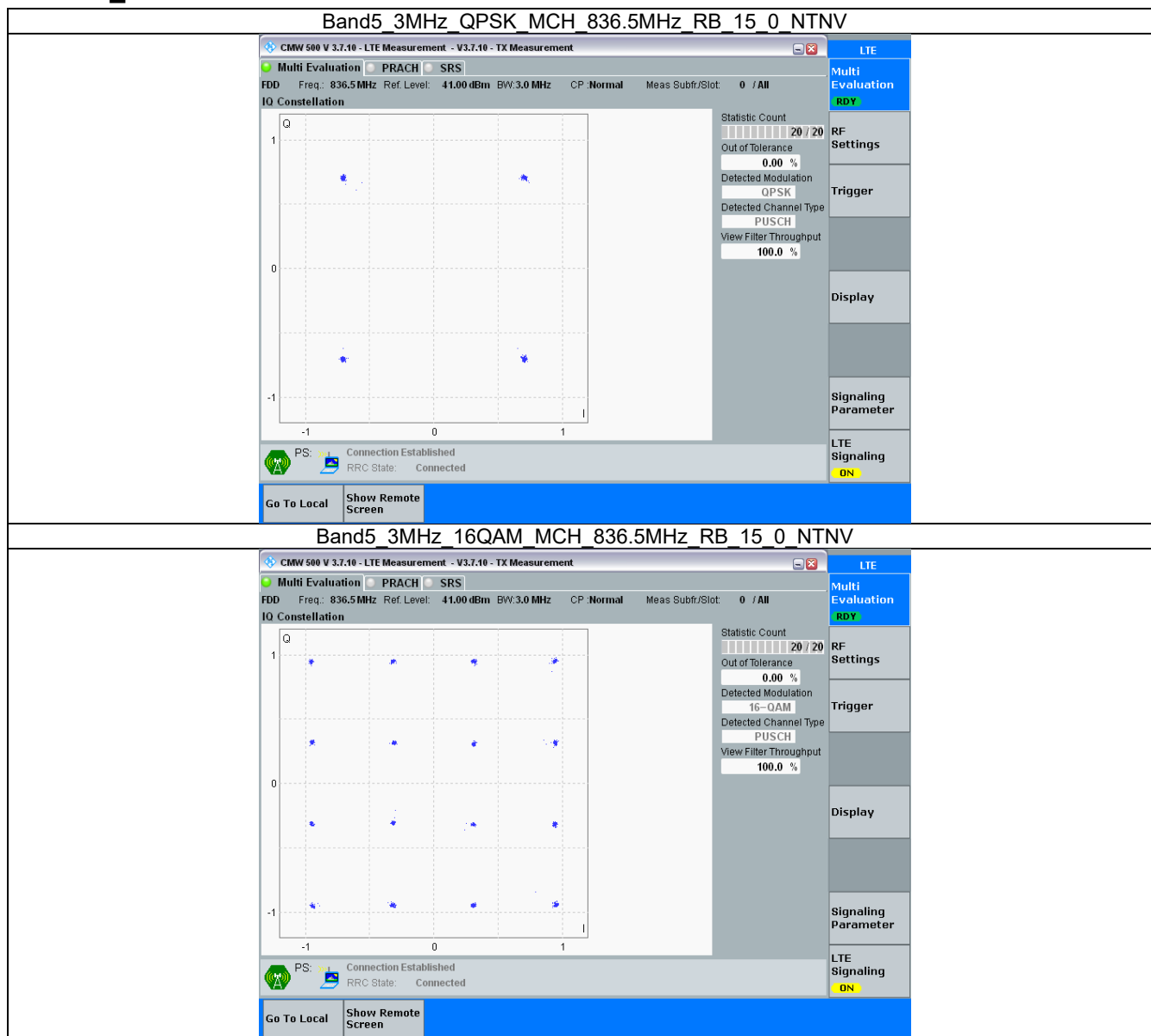
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

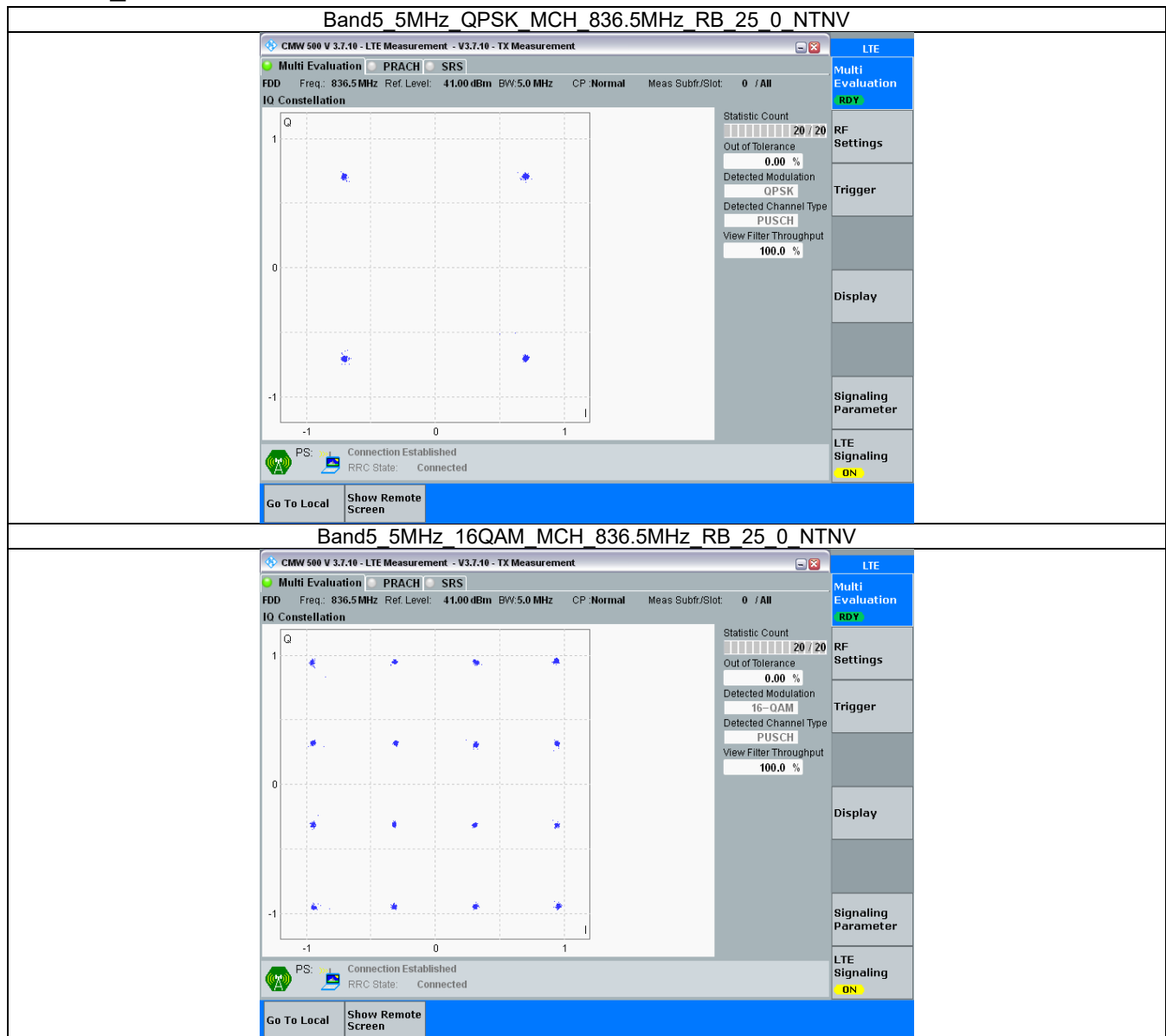
3.2.1 B5_1.4MHz



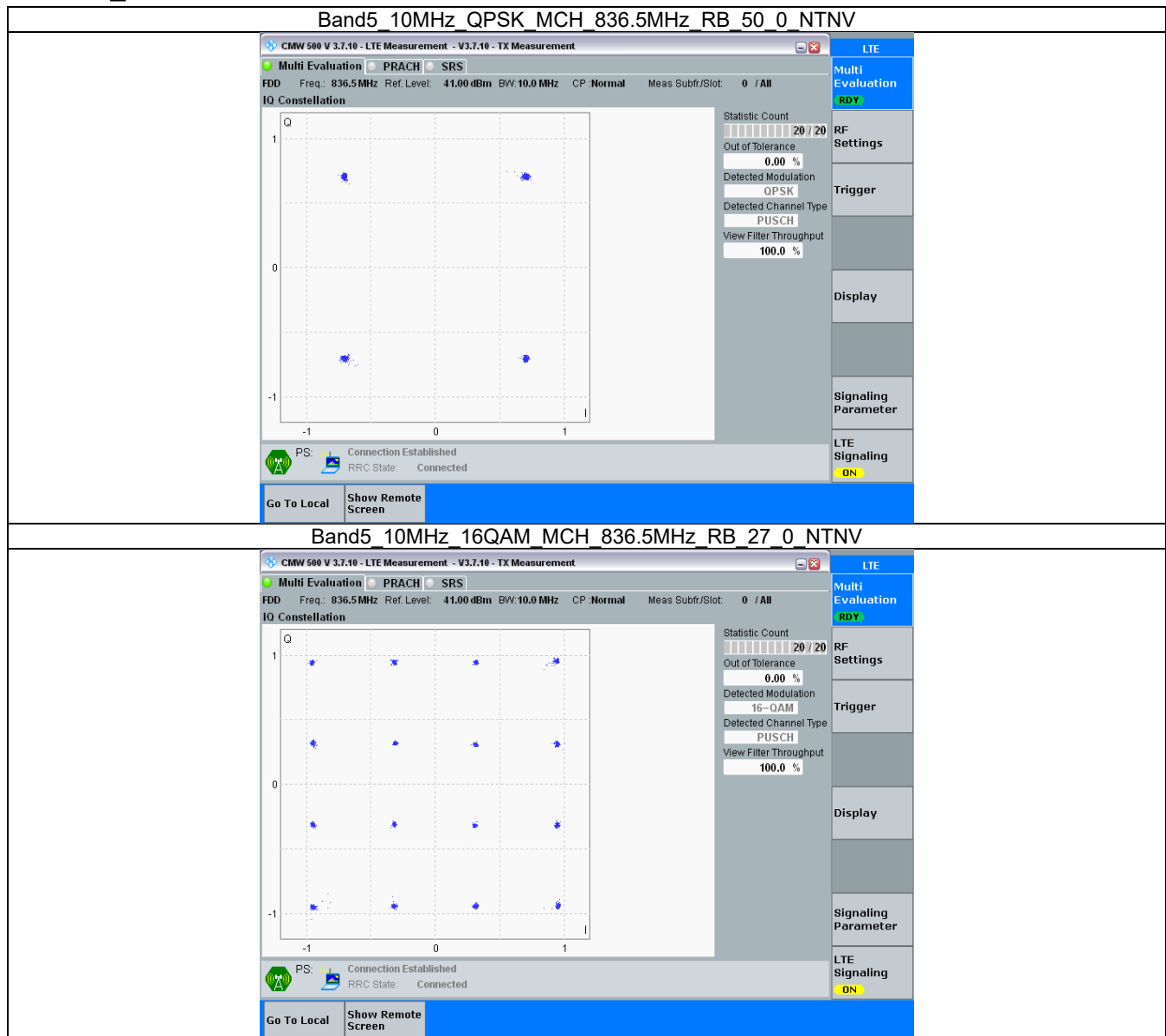
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.122	/	Pass
		836.5	6	0	1.105	/	Pass
		848.3	6	0	1.115	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.113	/	Pass
		848.3	6	0	1.113	/	Pass
3	QPSK	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.727	/	Pass
		847.5	15	0	2.739	/	Pass
	16QAM	825.5	15	0	2.722	/	Pass
		836.5	15	0	2.718	/	Pass
		847.5	15	0	2.725	/	Pass
5	QPSK	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.538	/	Pass
		846.5	25	0	4.559	/	Pass
	16QAM	826.5	25	0	4.551	/	Pass
		836.5	25	0	4.535	/	Pass
		846.5	25	0	4.541	/	Pass
10	QPSK	829	50	0	9.036	/	Pass
		836.5	50	0	9.055	/	Pass
		844	50	0	9.033	/	Pass
	16QAM	829	27	0	5.088	/	Pass
		836.5	27	0	5.055	/	Pass
		844	27	23	5.090	/	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	1.312	/	Pass
		836.5	6	0	1.312	/	Pass
		848.3	6	0	1.306	/	Pass
	16QAM	824.7	6	0	1.318	/	Pass
		836.5	6	0	1.311	/	Pass
		848.3	6	0	1.332	/	Pass
3	QPSK	825.5	15	0	3.018	/	Pass
		836.5	15	0	3.004	/	Pass
		847.5	15	0	3.030	/	Pass
	16QAM	825.5	15	0	3.026	/	Pass
		836.5	15	0	3.003	/	Pass
		847.5	15	0	3.028	/	Pass
5	QPSK	826.5	25	0	5.050	/	Pass
		836.5	25	0	5.084	/	Pass

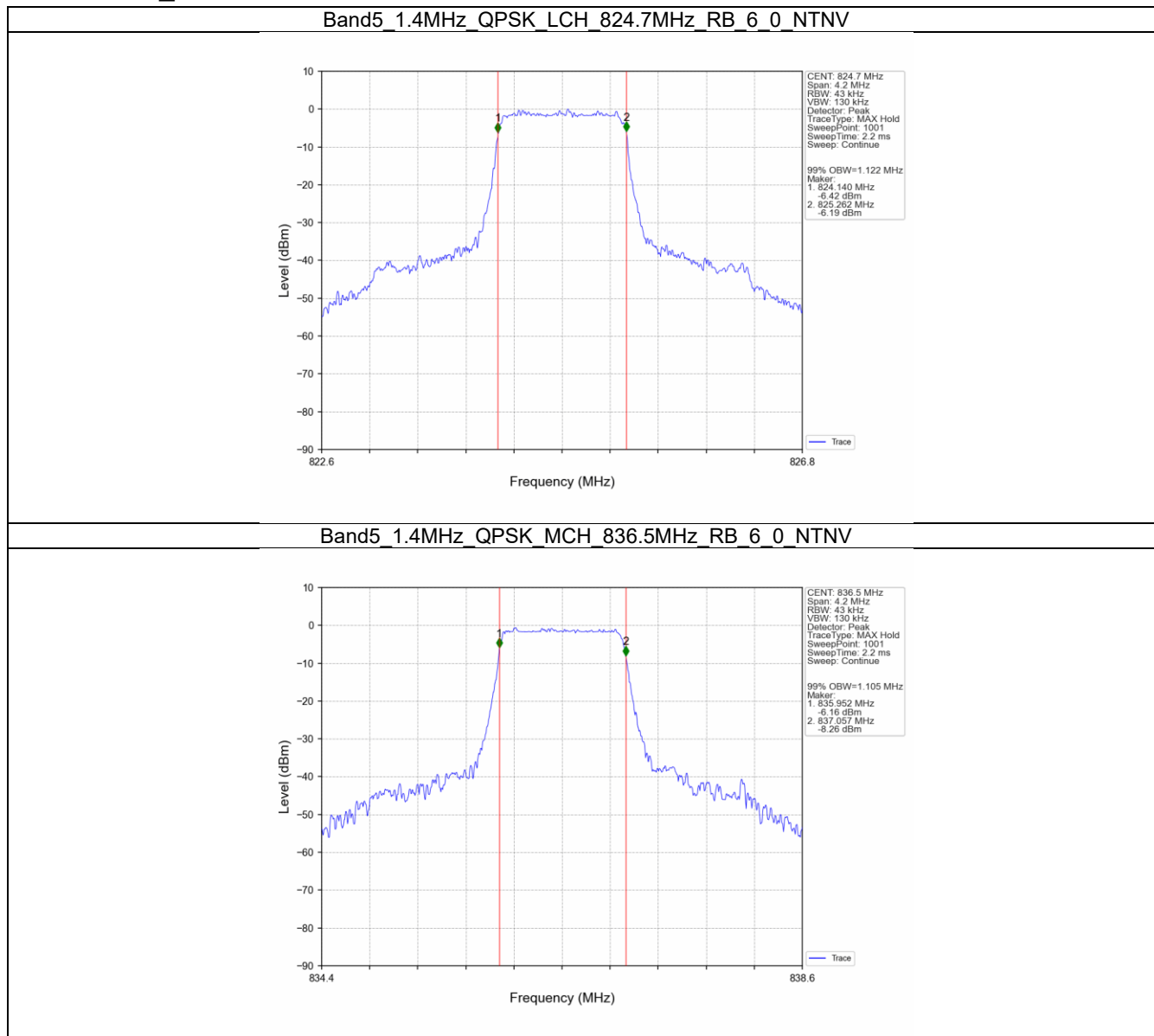


	16QAM	846.5	25	0	5.042	/	Pass
		826.5	25	0	5.065	/	Pass
		836.5	25	0	5.081	/	Pass
		846.5	25	0	4.988	/	Pass
10	QPSK	829	50	0	9.990	/	Pass
		836.5	50	0	9.937	/	Pass
		844	50	0	9.995	/	Pass
	16QAM	829	27	0	6.160	/	Pass
		836.5	27	0	6.076	/	Pass
		844	27	23	6.200	/	Pass



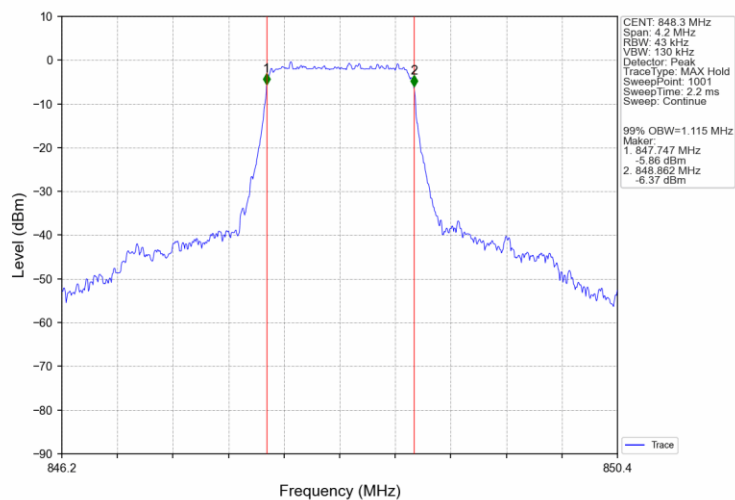
4.2 Test Graph

4.2.1 Band5_OBW

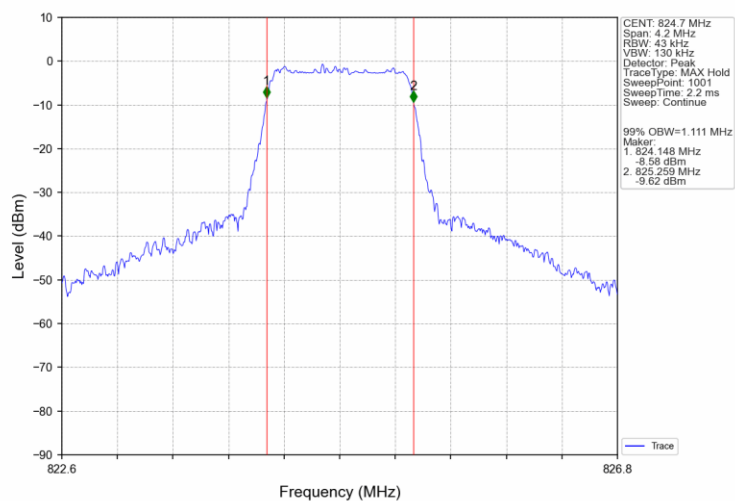




Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

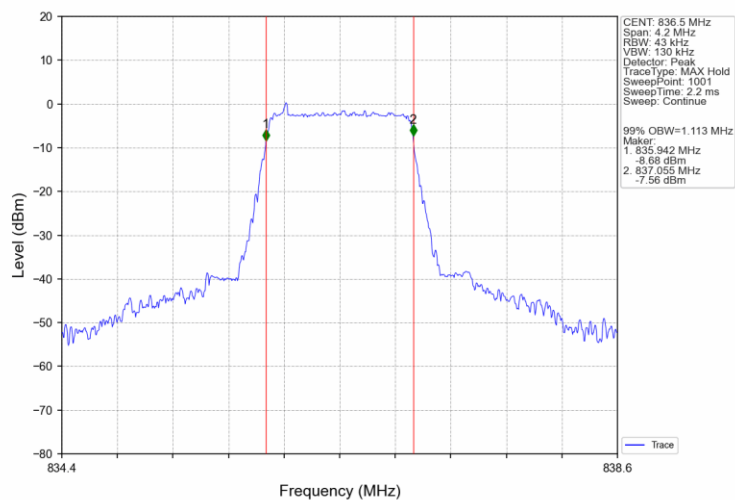


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

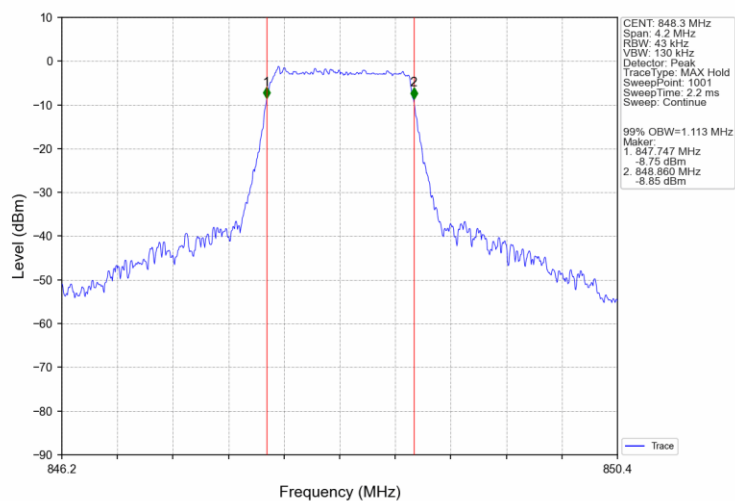




Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

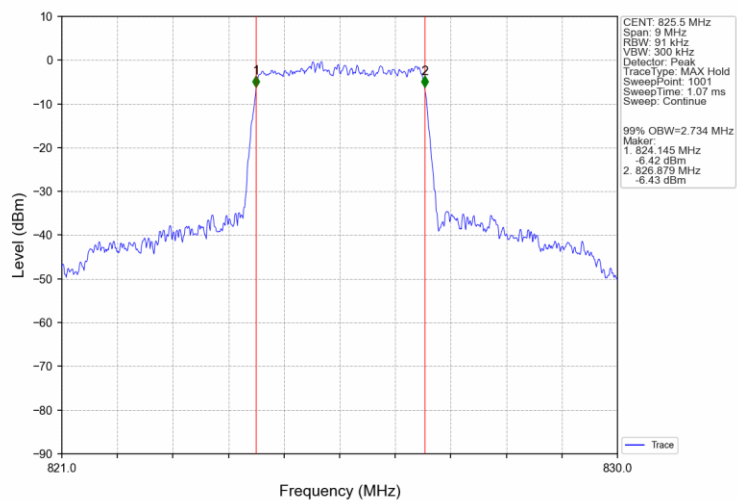


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

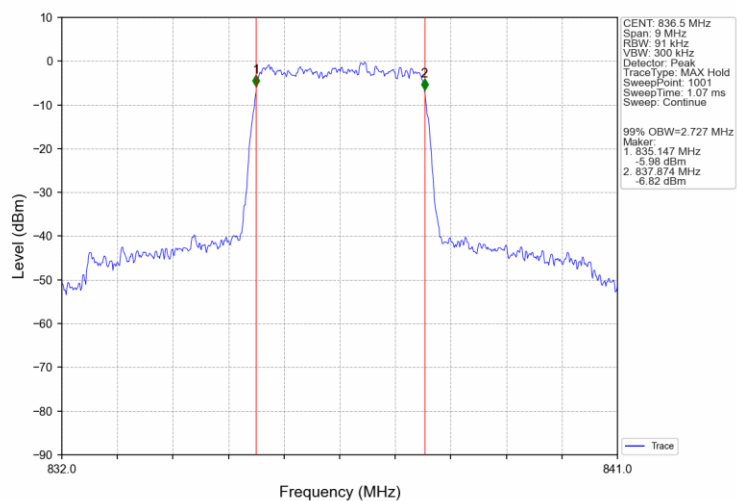




Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

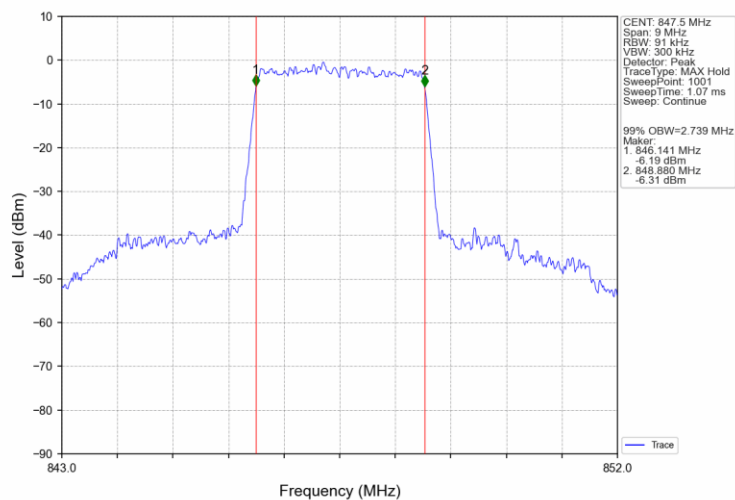


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

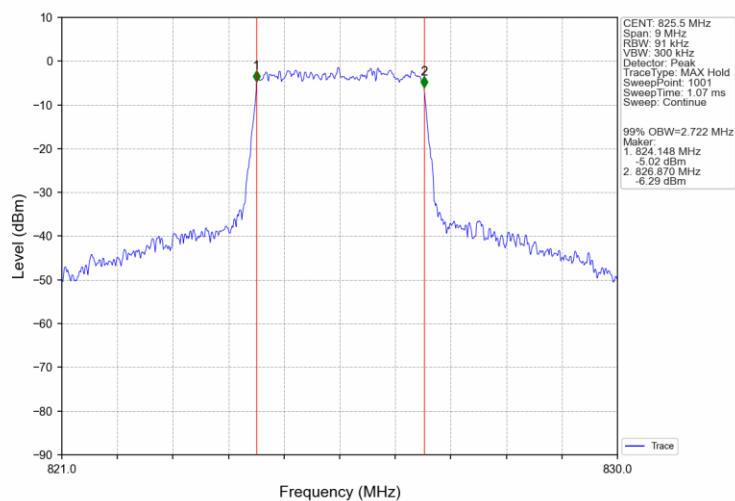




Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

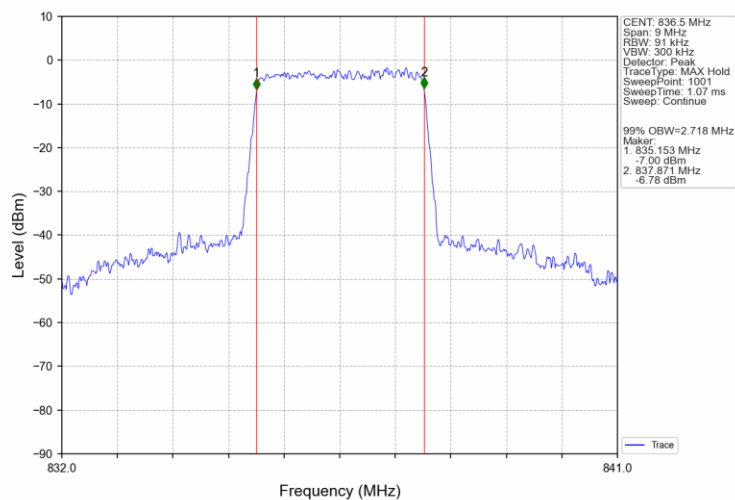


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

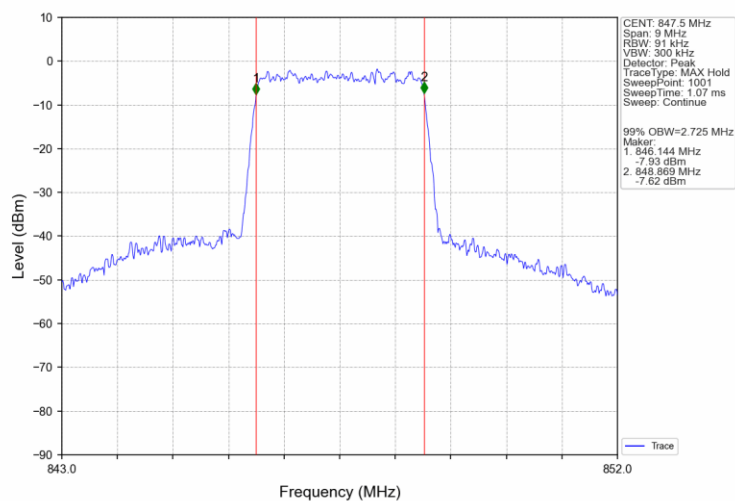




Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

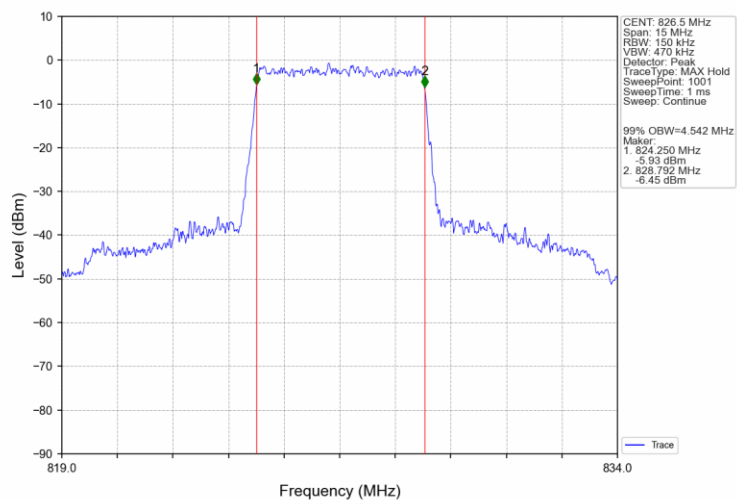


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

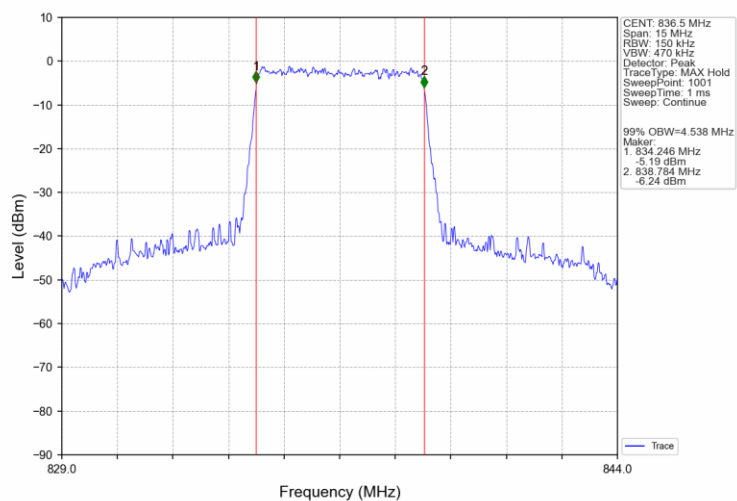




Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

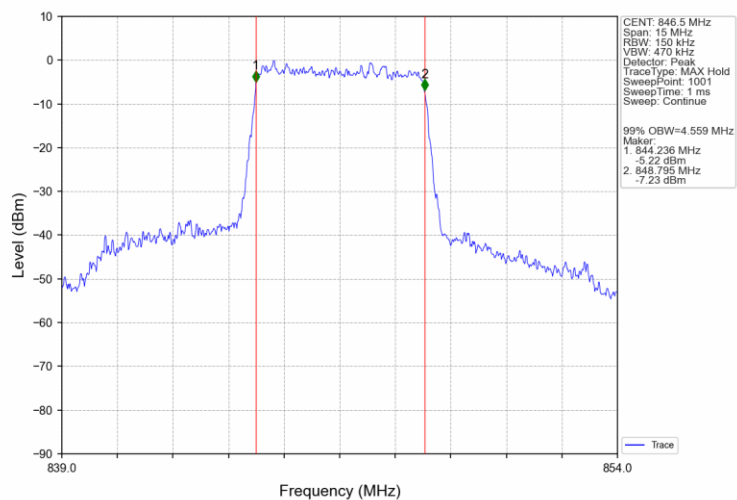


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

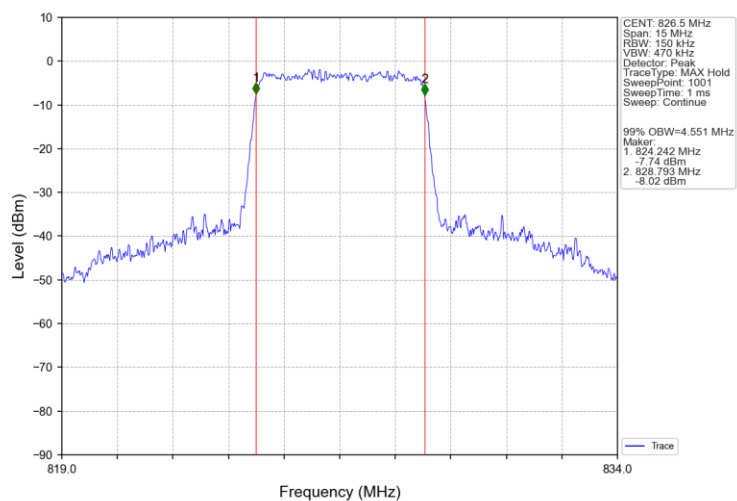




Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

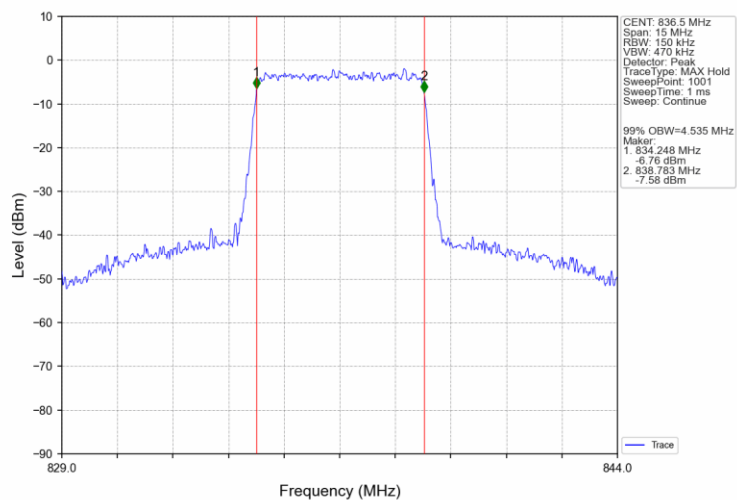


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

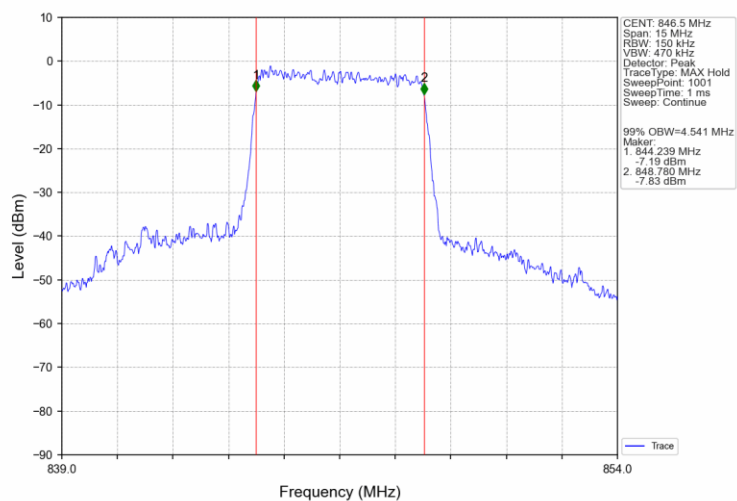




Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

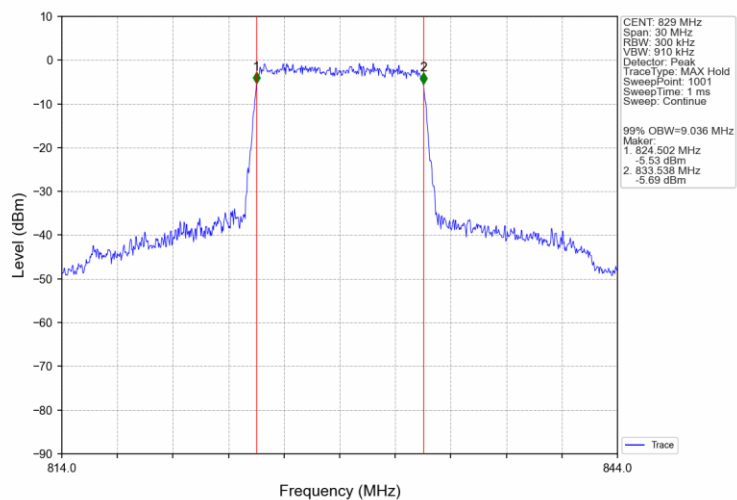


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

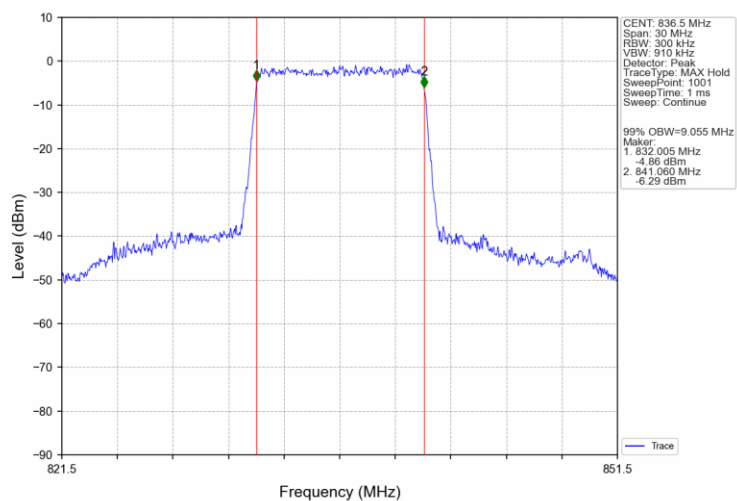




Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

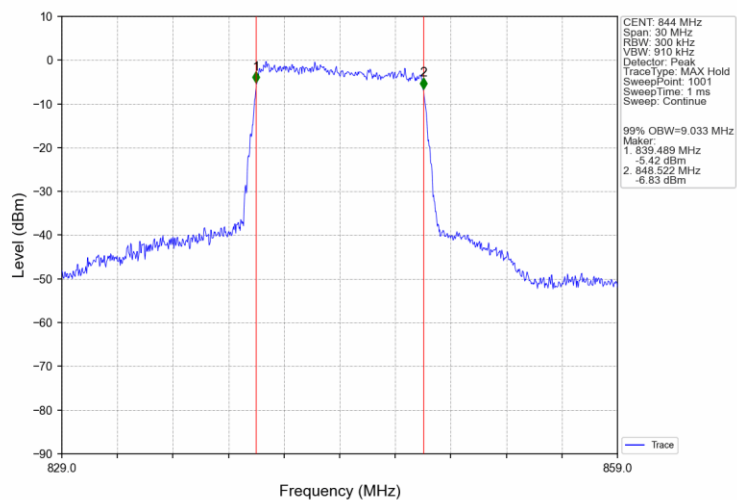


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

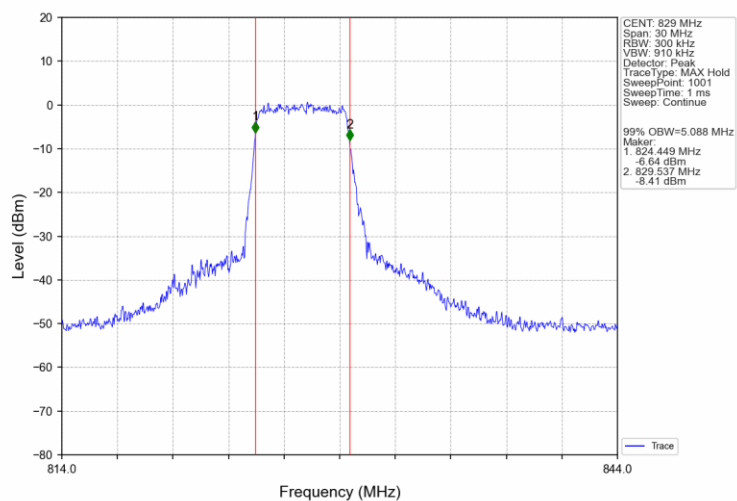




Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

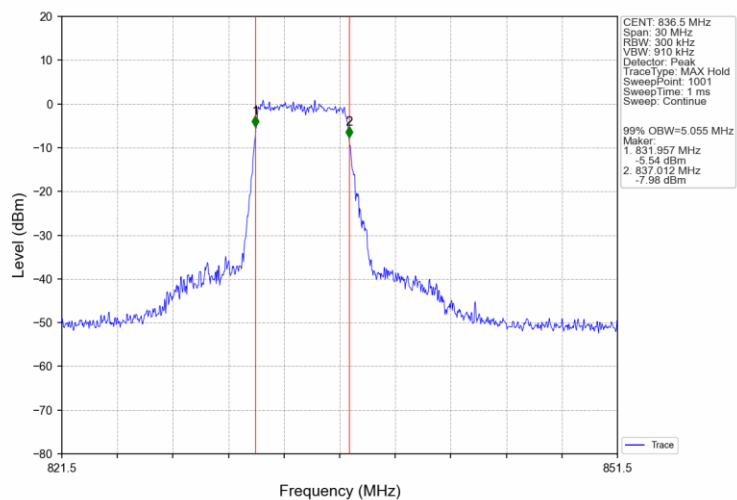


Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV

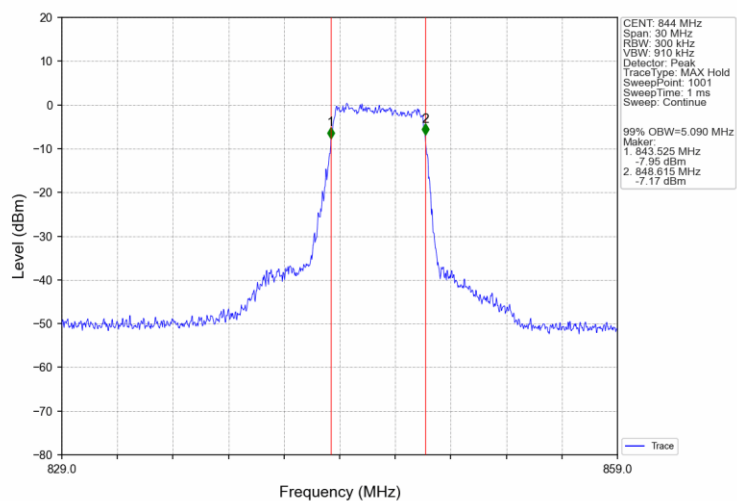




Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

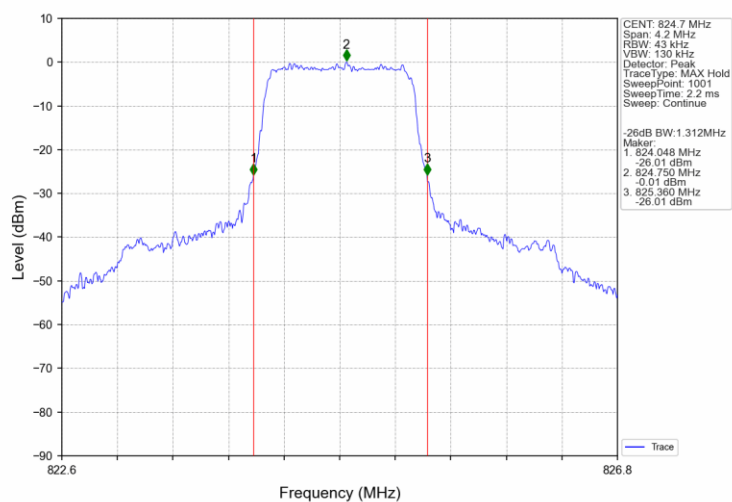


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

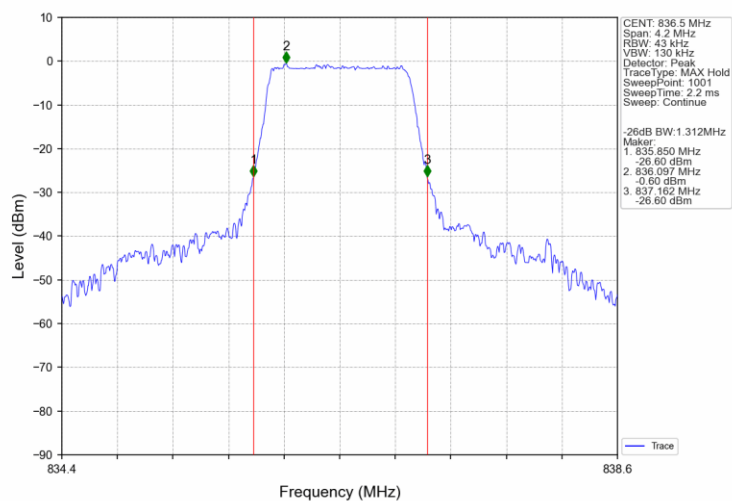


4.2.2 Band5_XDB

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

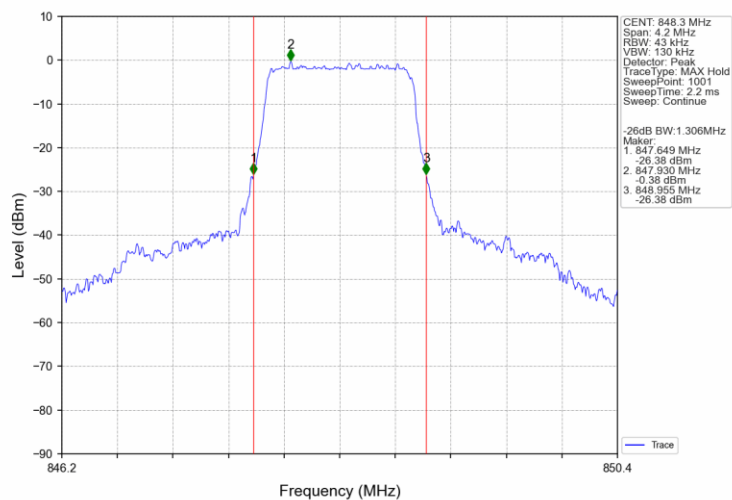


Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

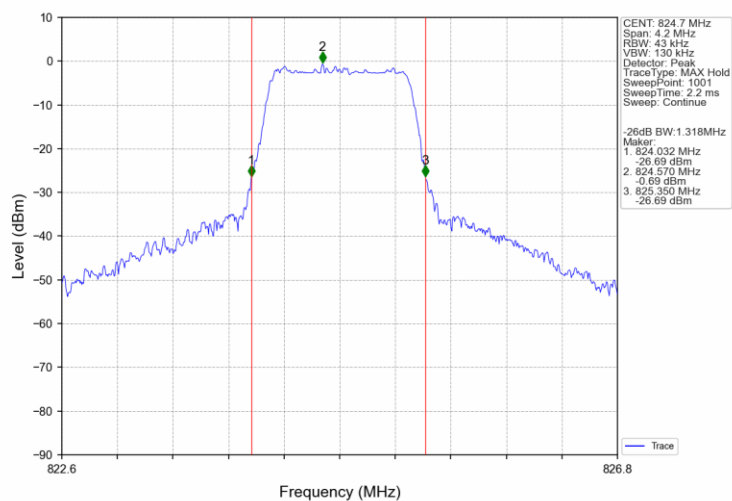




Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

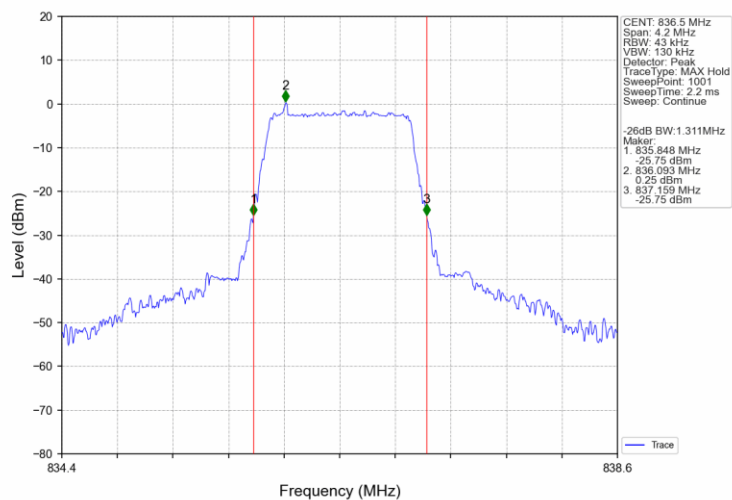


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

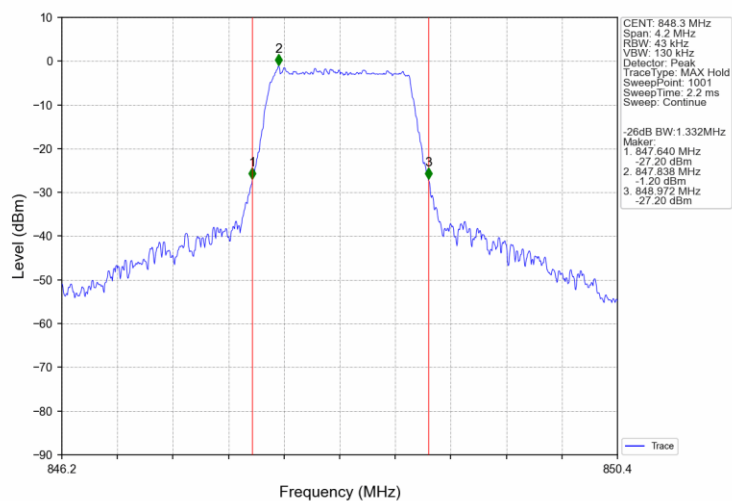




Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

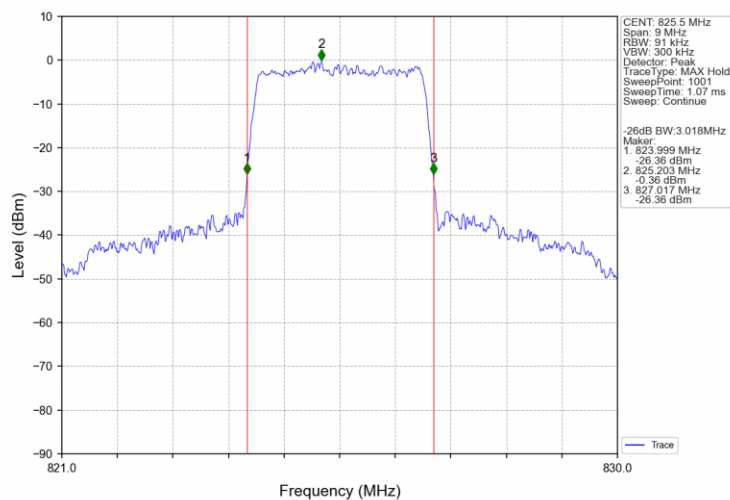


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

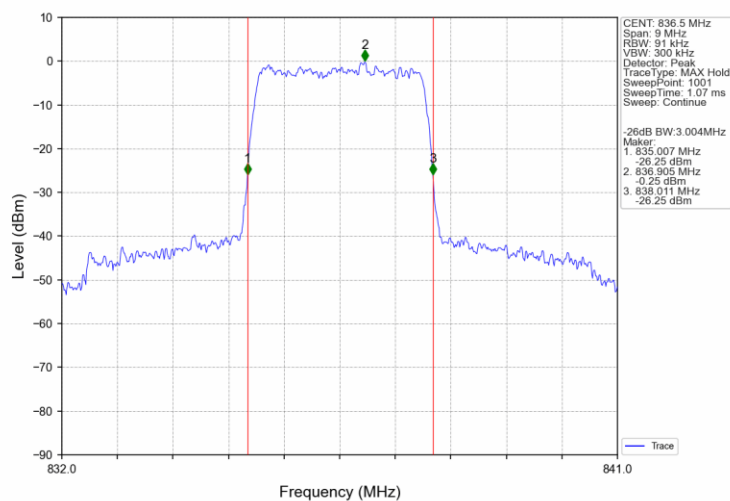




Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

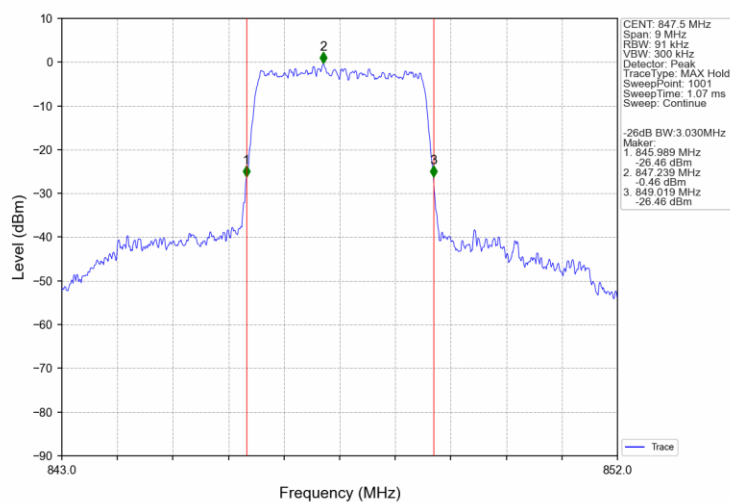


Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

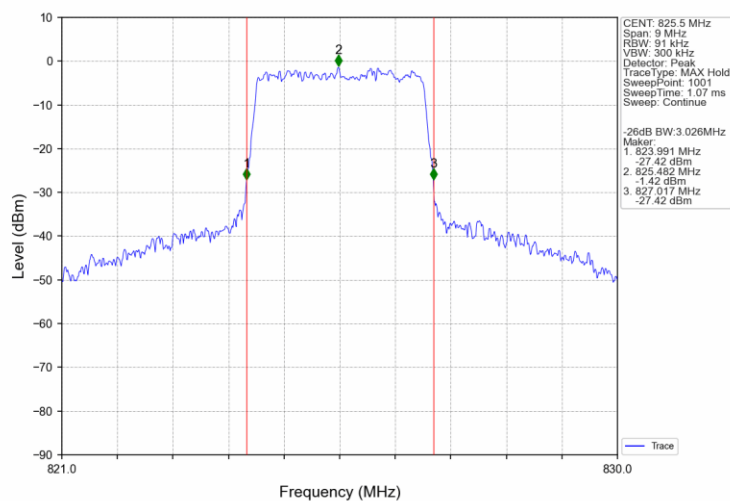




Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

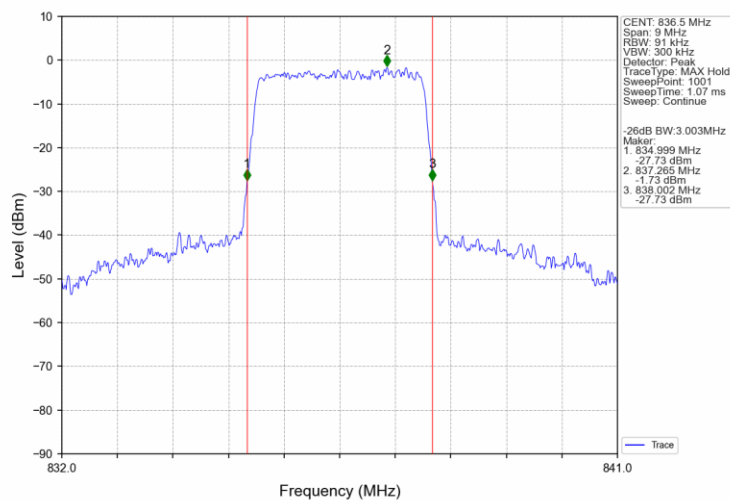


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

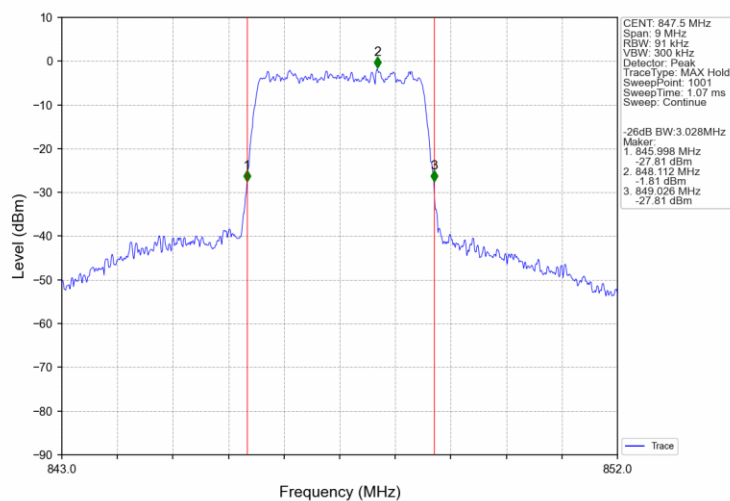




Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

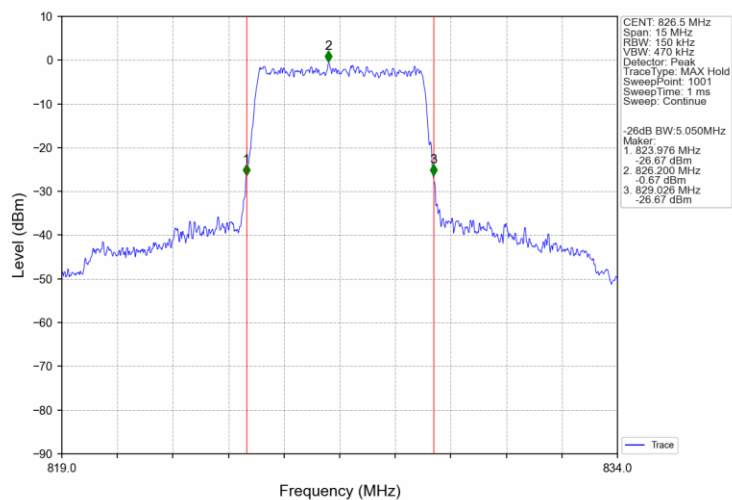


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

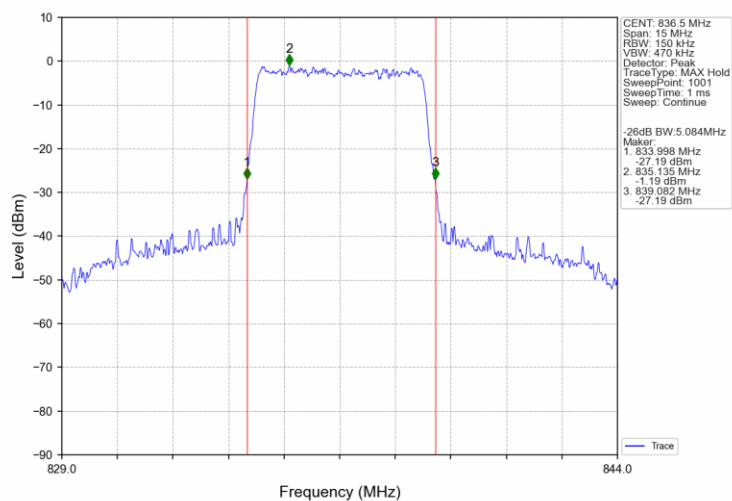




Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

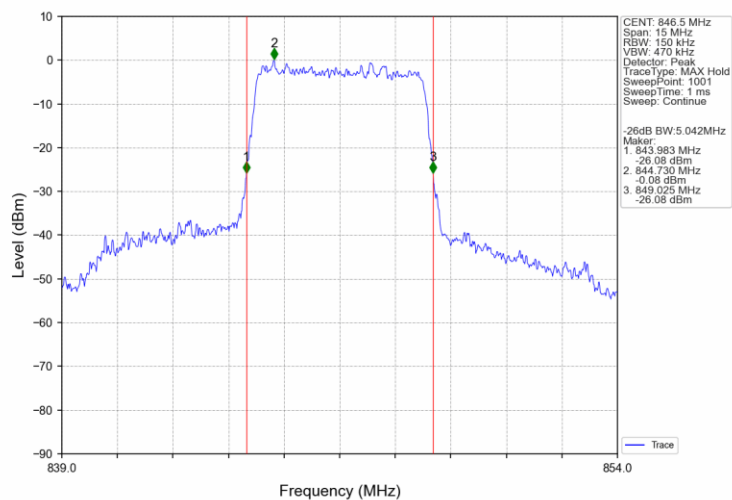


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

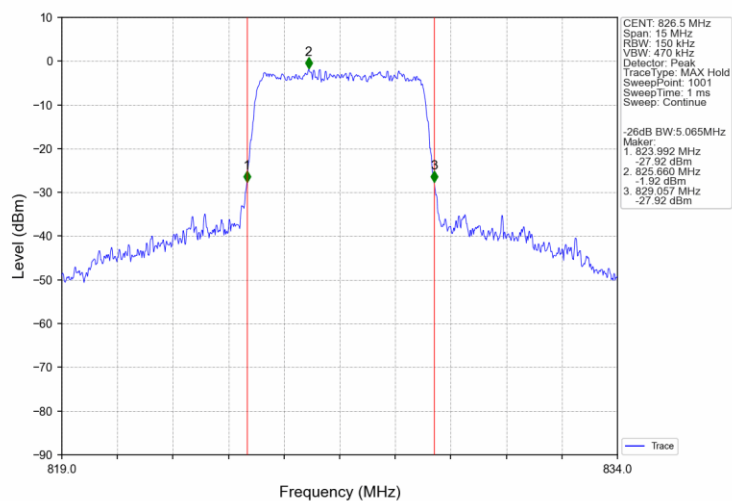




Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

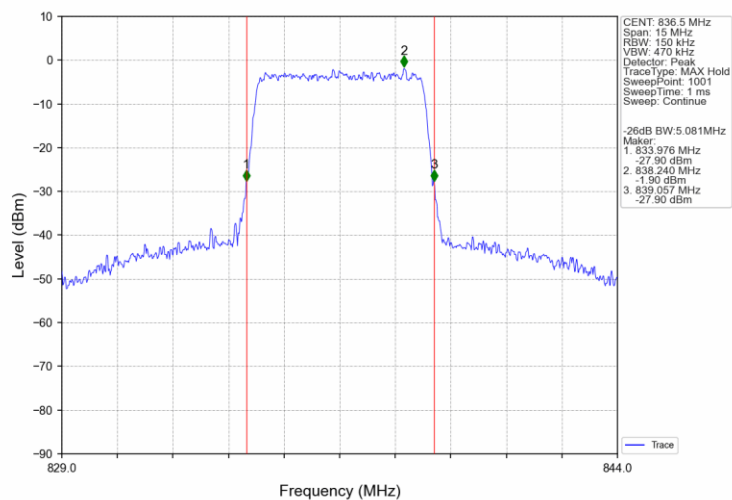


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

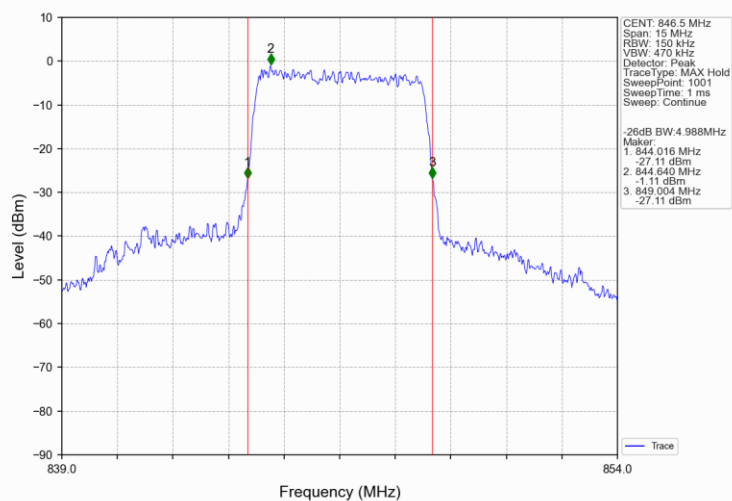




Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

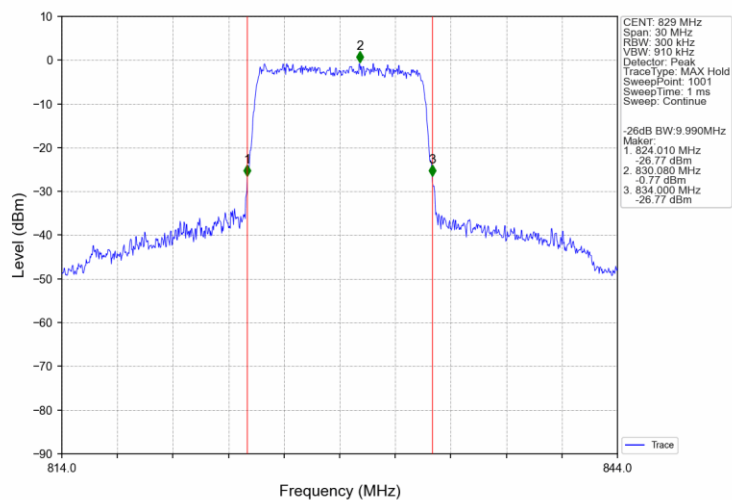


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

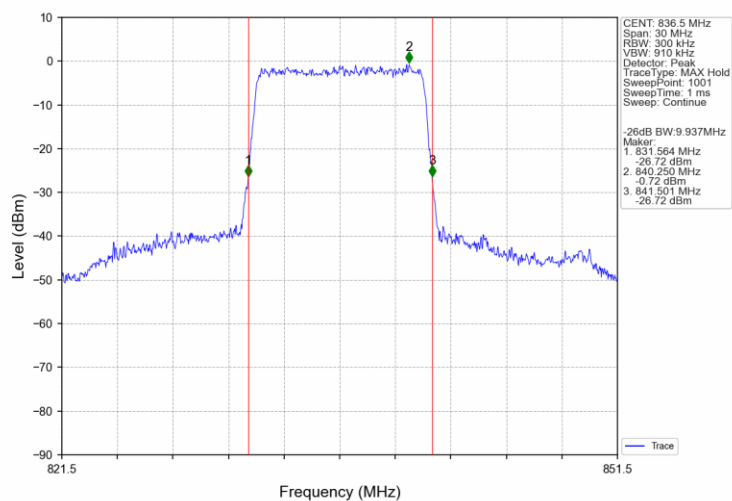




Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

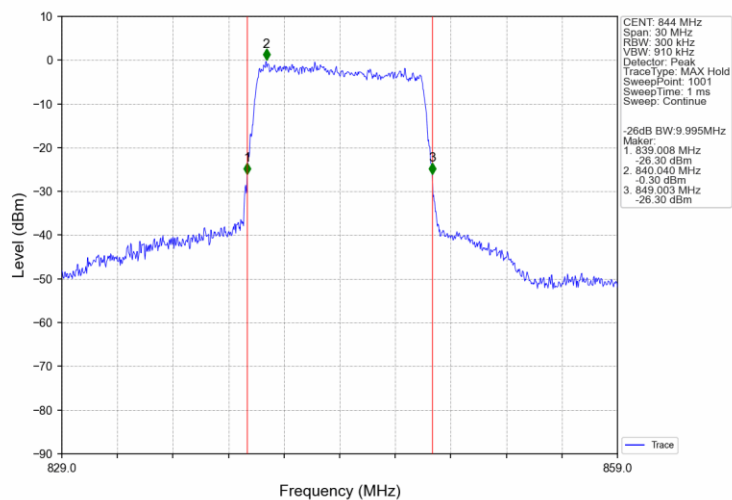


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

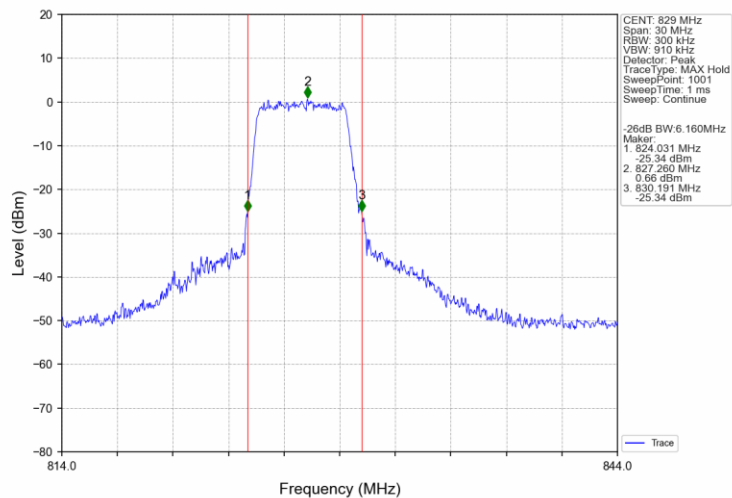




Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

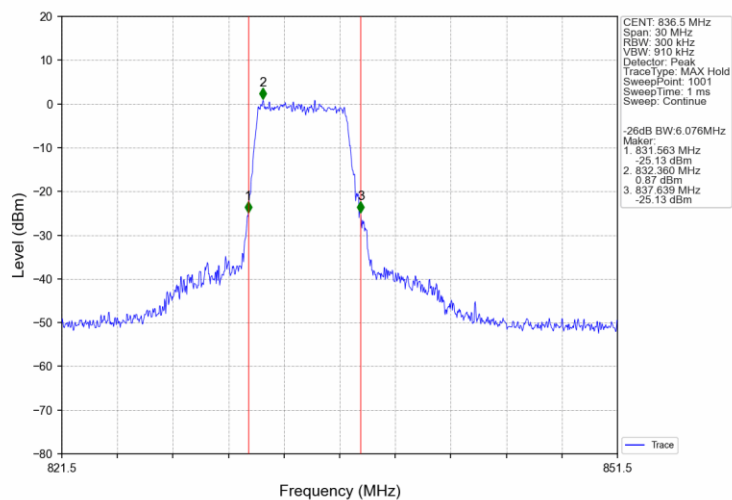


Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV

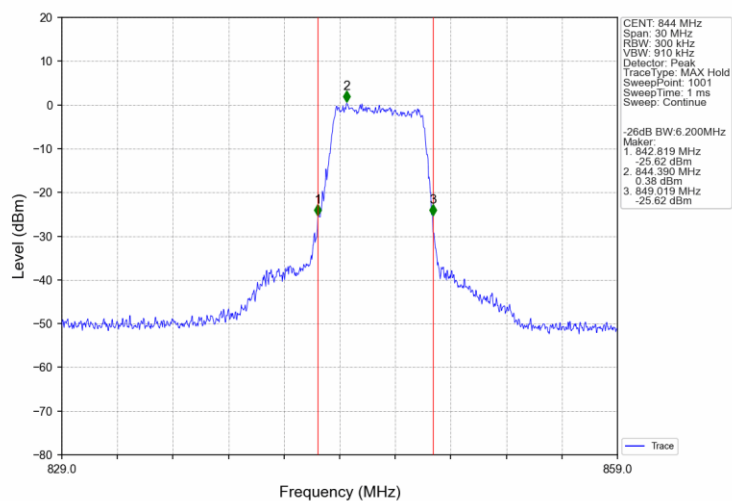




Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_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	4.76	<=13	Pass
	836.5	6	0	5.32	<=13	Pass
	848.3	6	0	5.09	<=13	Pass
16QAM	824.7	6	0	5.58	<=13	Pass
	836.5	6	0	6.17	<=13	Pass
	848.3	6	0	5.86	<=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	4.93	<=13	Pass
	836.5	15	0	5.44	<=13	Pass
	847.5	15	0	5.31	<=13	Pass
16QAM	825.5	15	0	5.74	<=13	Pass
	836.5	15	0	6.28	<=13	Pass
	847.5	15	0	6.12	<=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	5.20	<=13	Pass
	836.5	25	0	5.58	<=13	Pass
	846.5	25	0	5.52	<=13	Pass
16QAM	826.5	25	0	5.97	<=13	Pass
	836.5	25	0	6.28	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

5.1.4 B5_10MHz

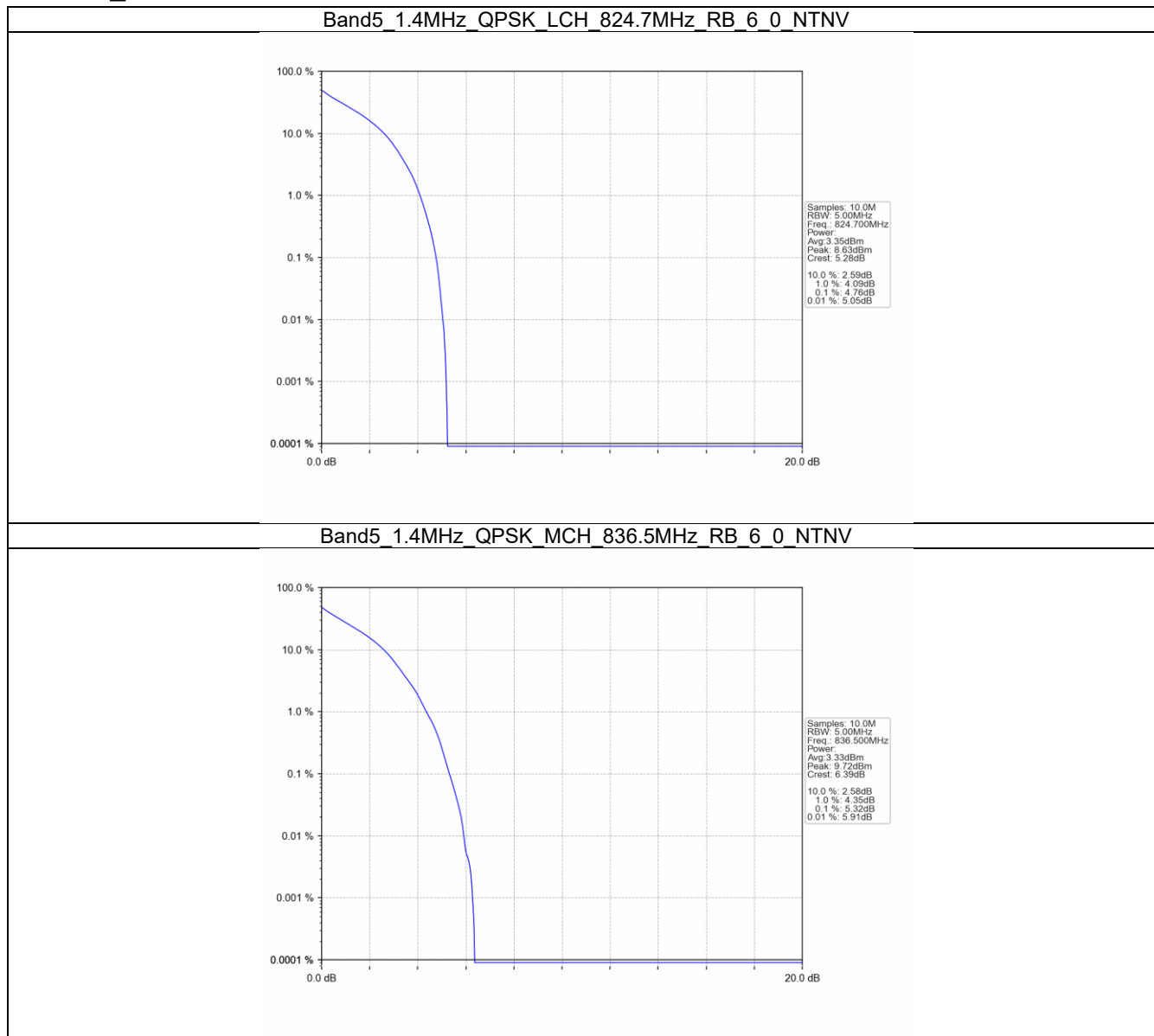
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.28	<=13	Pass
	836.5	50	0	5.50	<=13	Pass
	844	50	0	5.44	<=13	Pass
16QAM	829	27	0	5.69	<=13	Pass
	836.5	27	0	6.26	<=13	Pass
	844	27	23	6.10	<=13	Pass





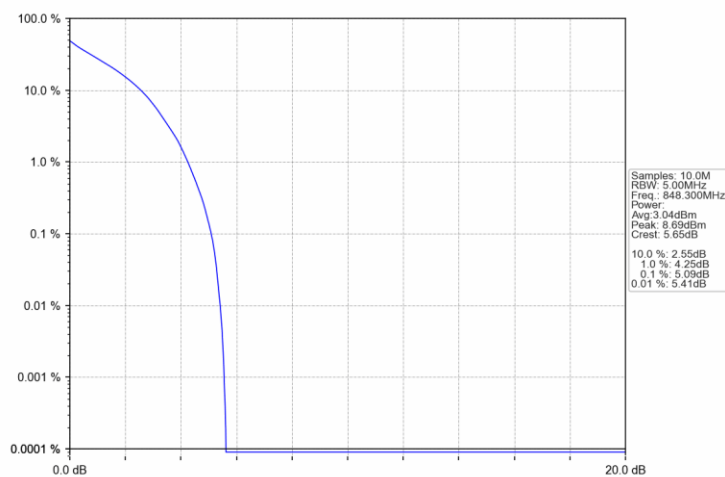
5.2 Test Graph

5.2.1 B5_1.4MHz

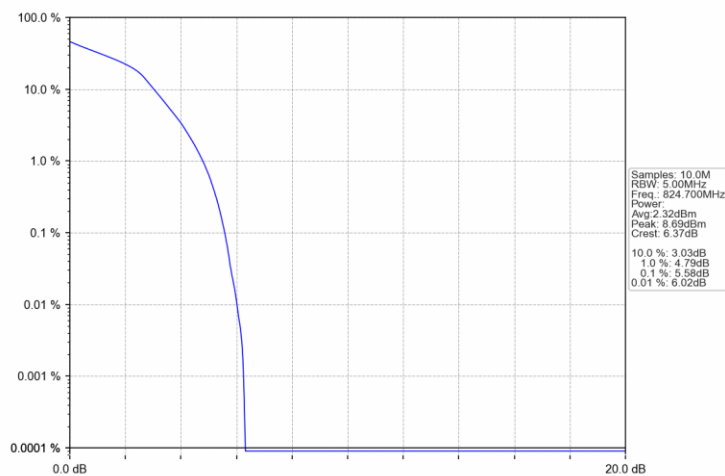




Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV

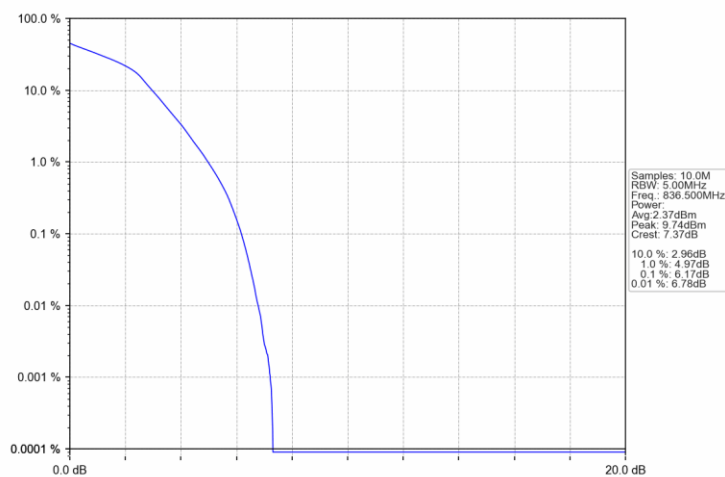


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV

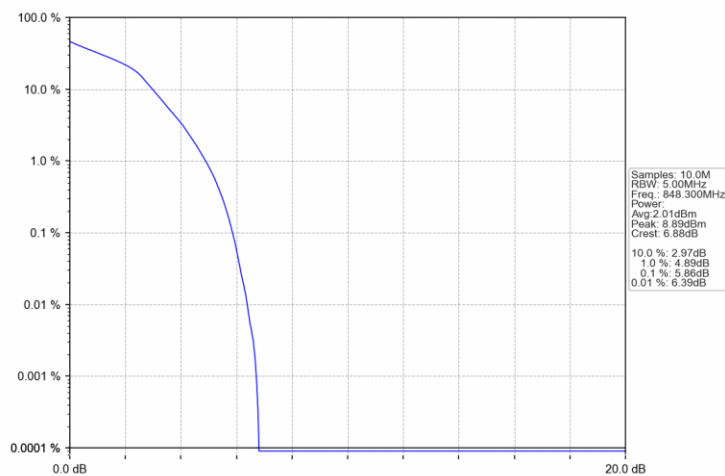




Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

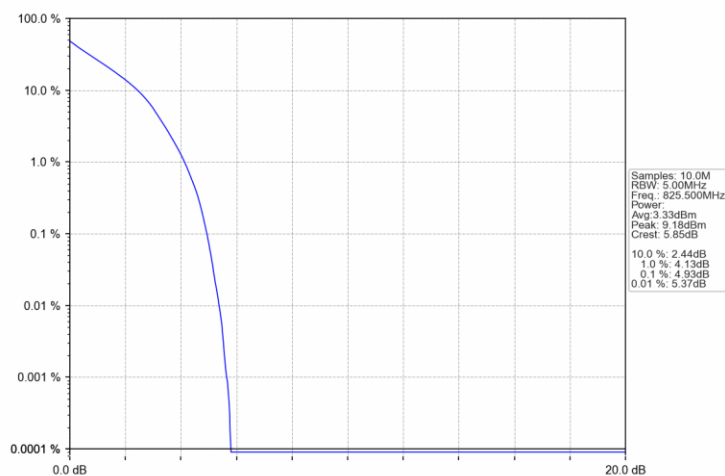


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

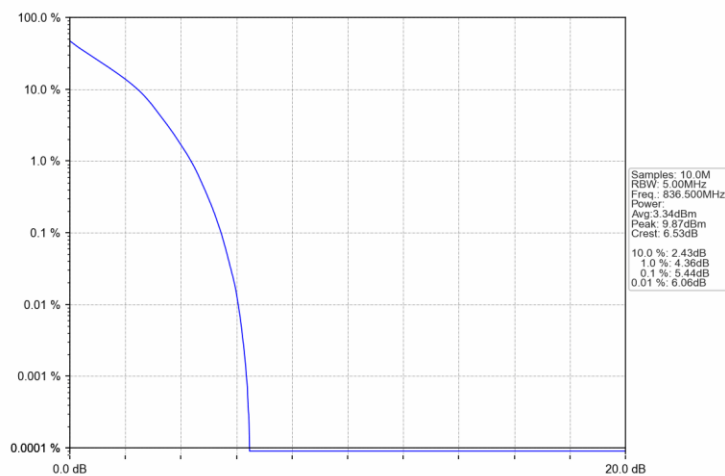


5.2.2 B5_3MHz

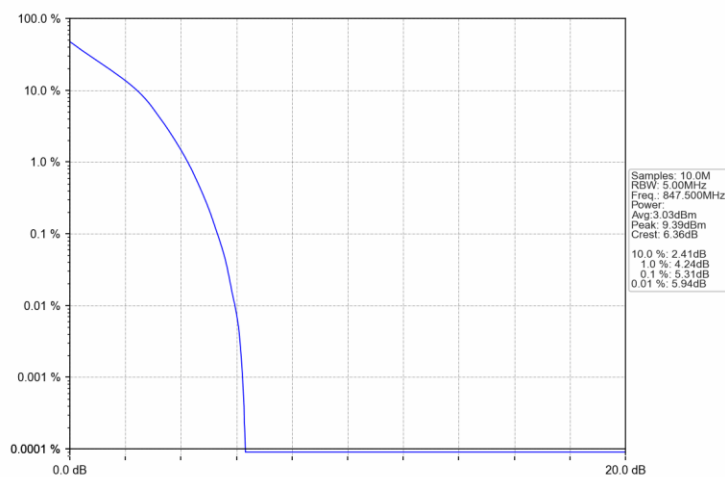
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



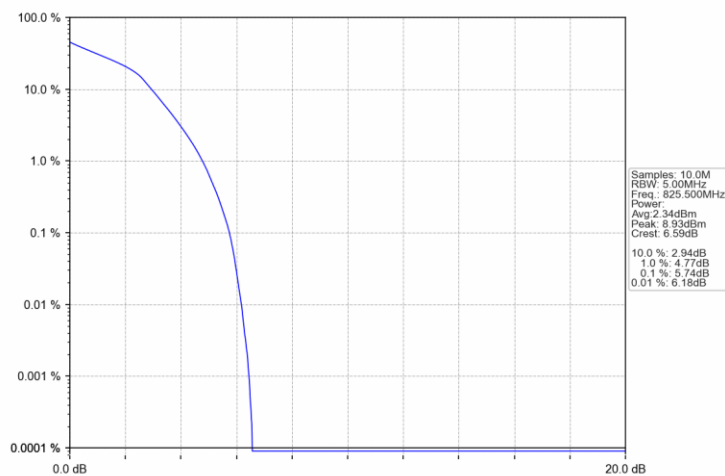
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



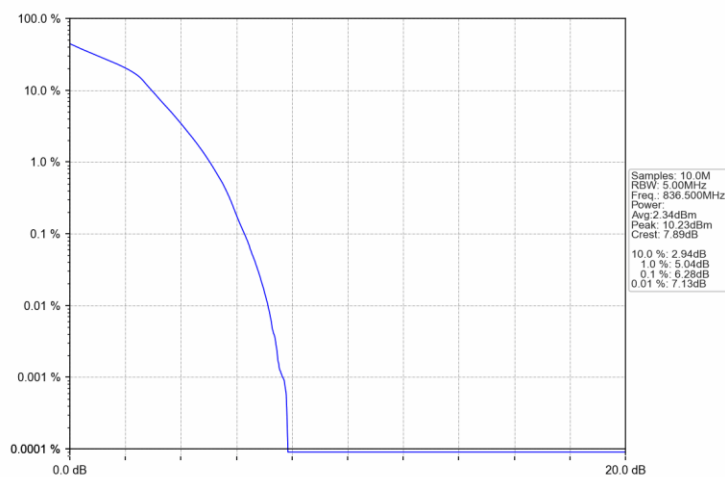
Band5	3MHz	QPSK	HCH	847.5MHz	RB	15	0	NTNV
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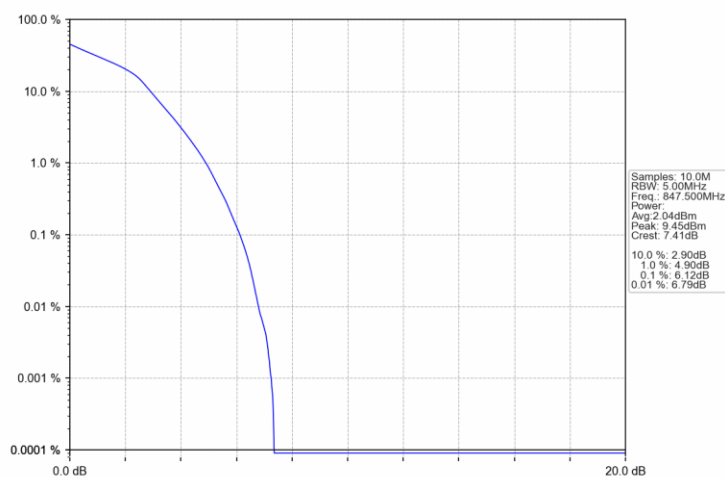
Band5	3MHz	16QAM	LCH	825.5MHz	RB	15	0	NTNV
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Band5	3MHz	16QAM	MCH	836.5MHz	RB	15	0	NTNV
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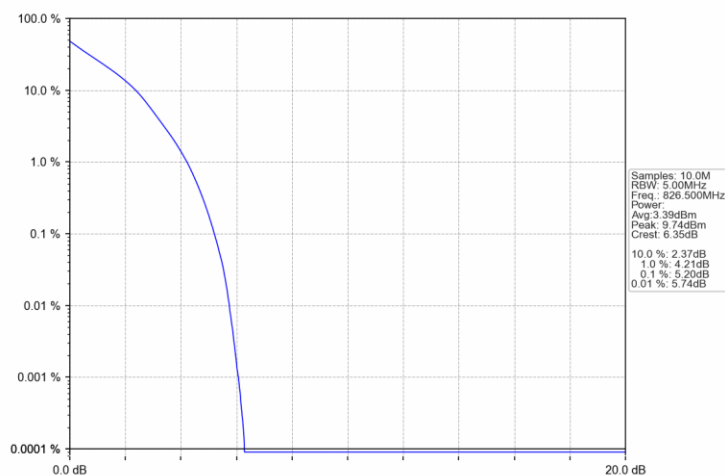


Band5	3MHz	16QAM	HCH	847.5MHz	RB	15	0	NTNV
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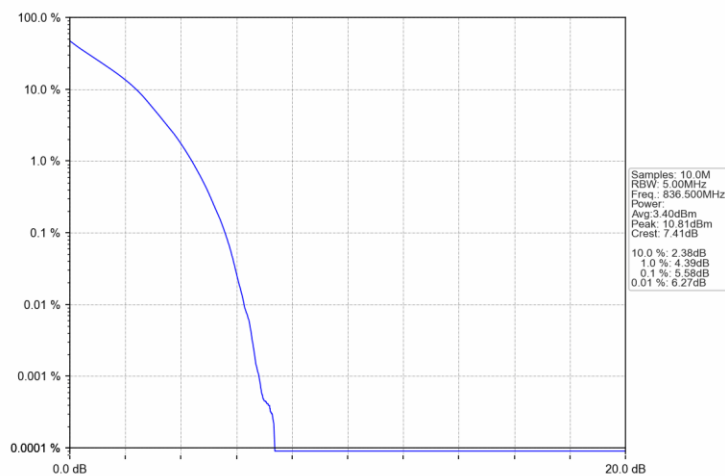


5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

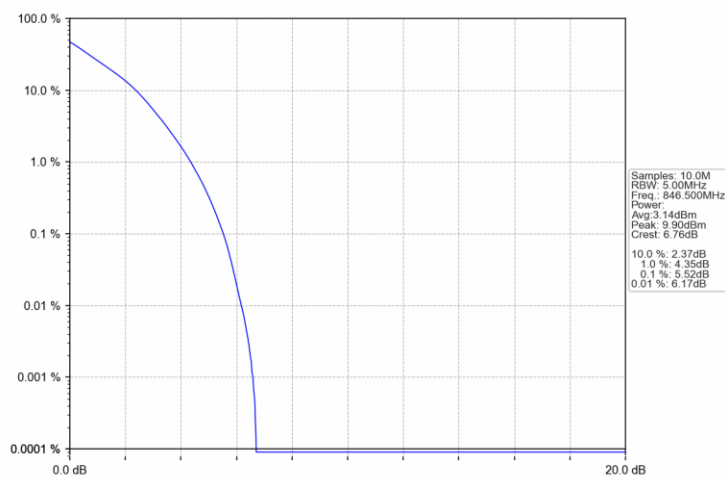


Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

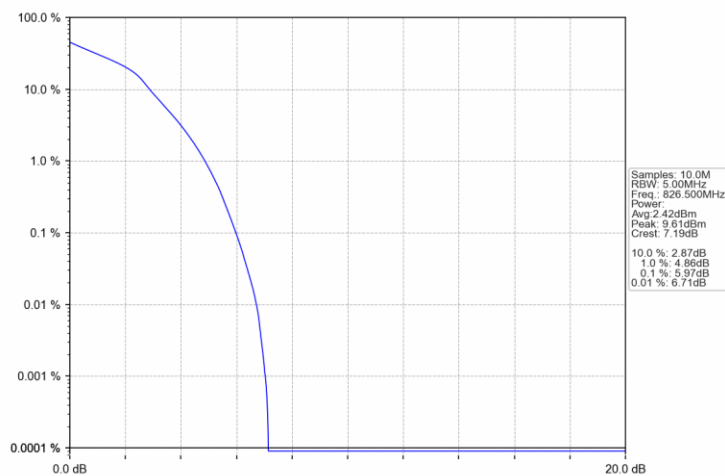




Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

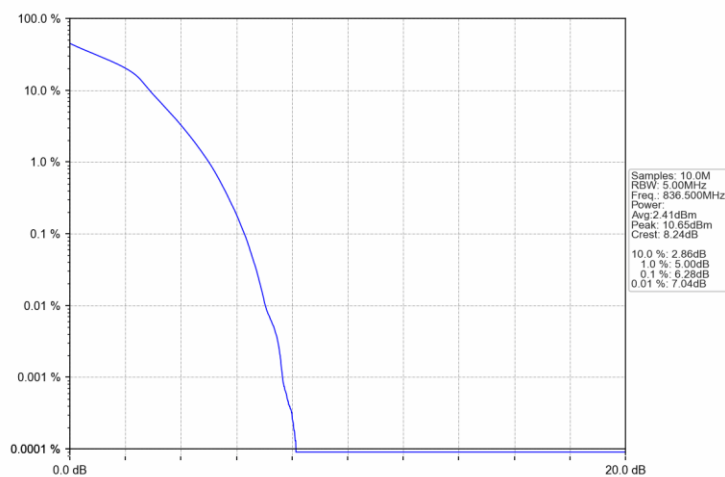


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

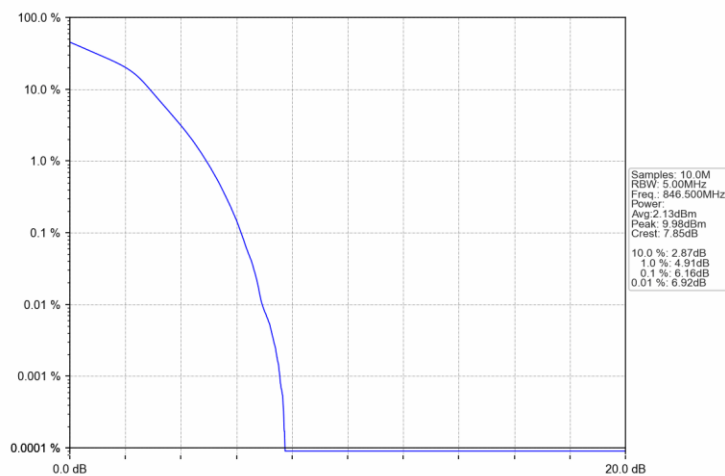




Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

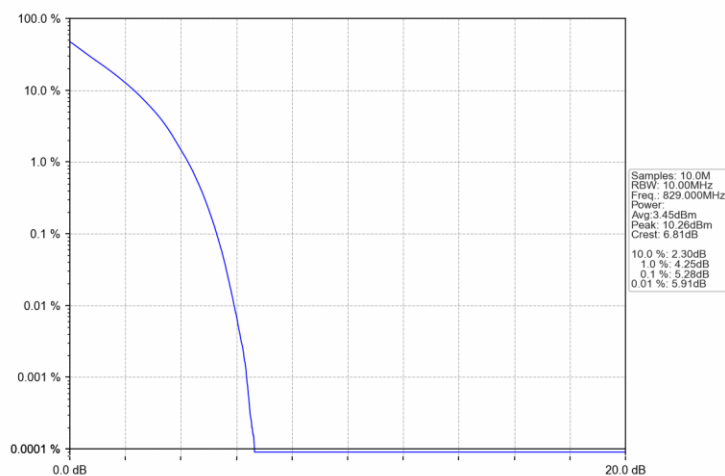


Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

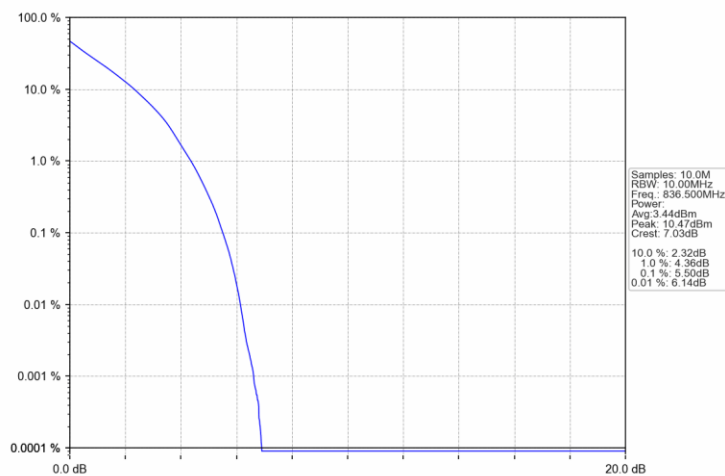


5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

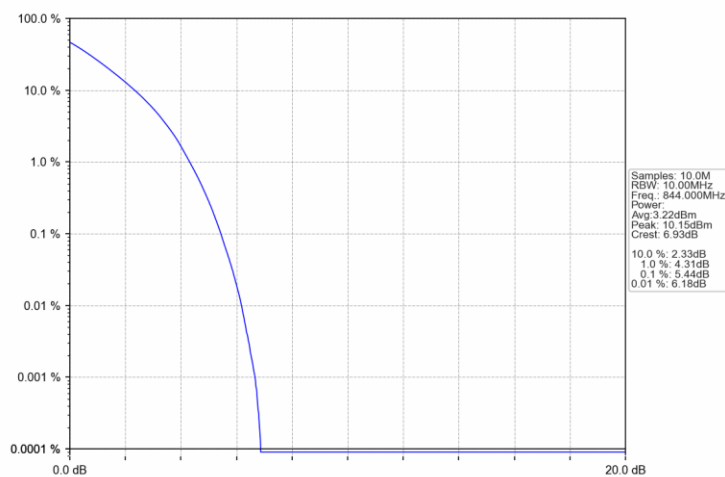


Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

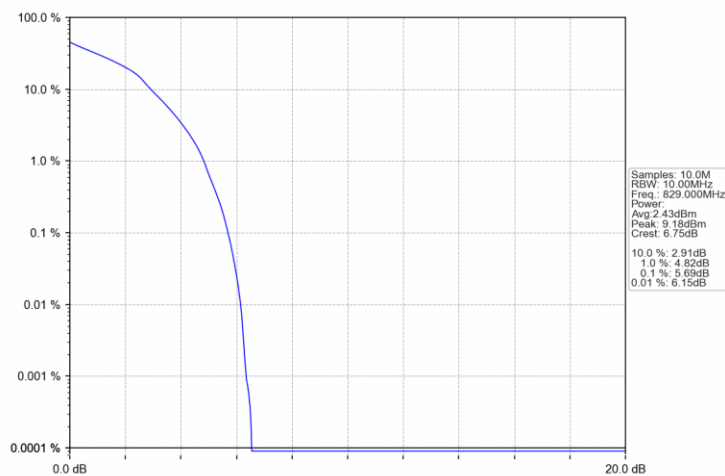




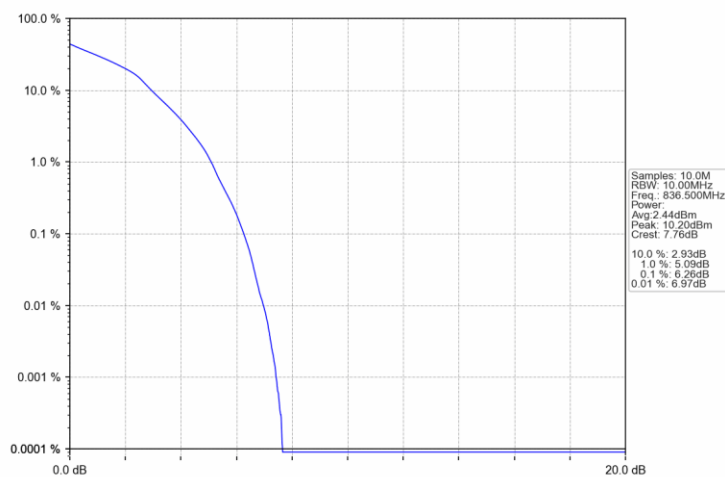
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



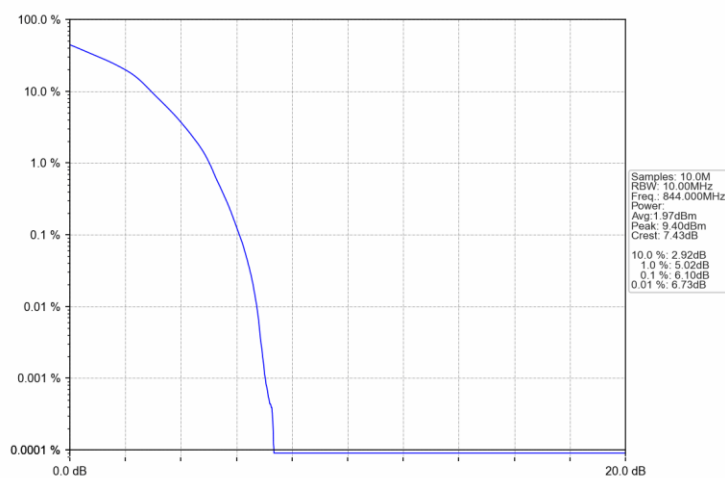
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5	10MHz	16QAM	MCH	836.5MHz	RB	27	0	NTNV
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Band5	10MHz	16QAM	HCH	844MHz	RB	27	23	NTNV
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6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

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

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass



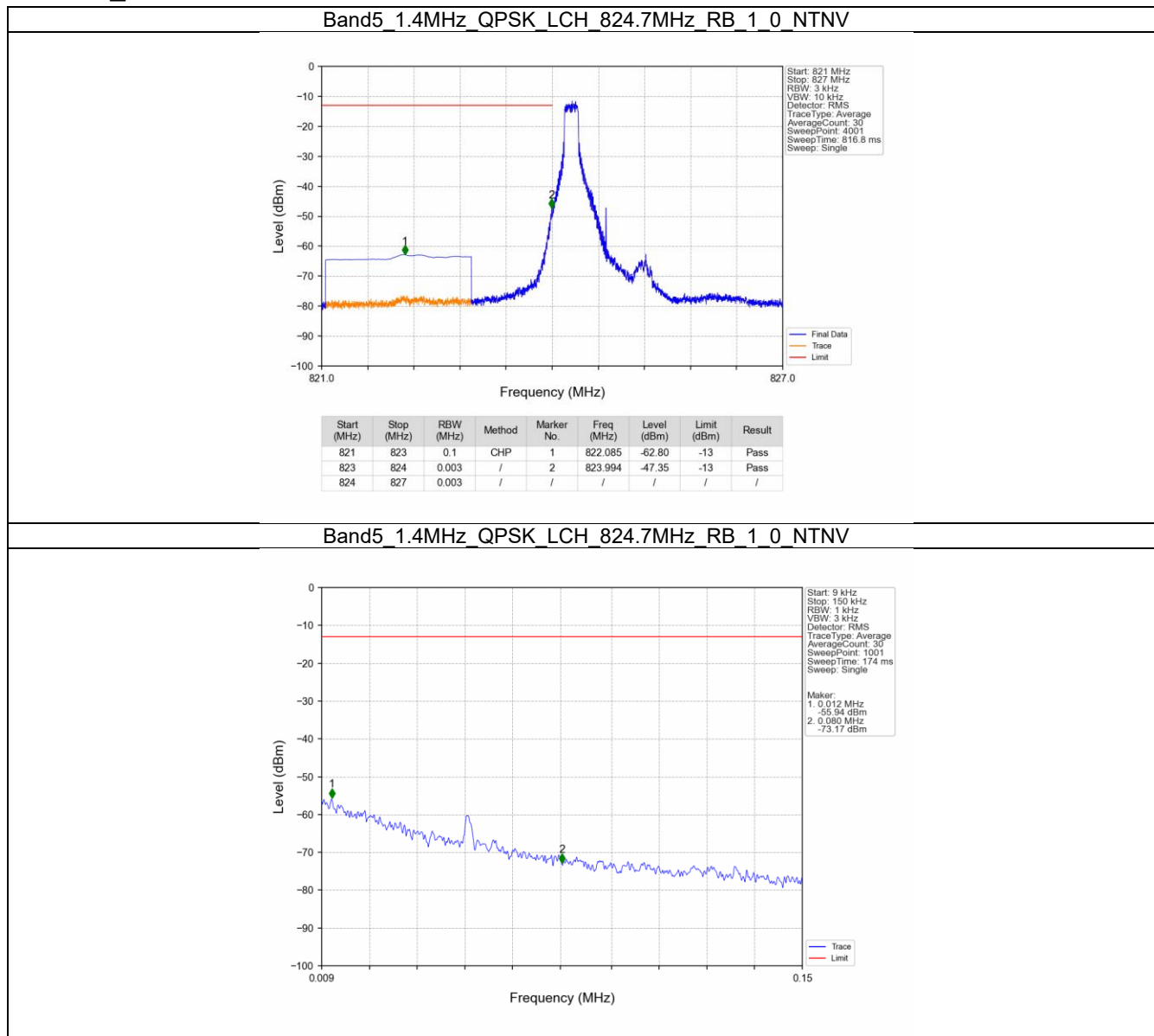
		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	829	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

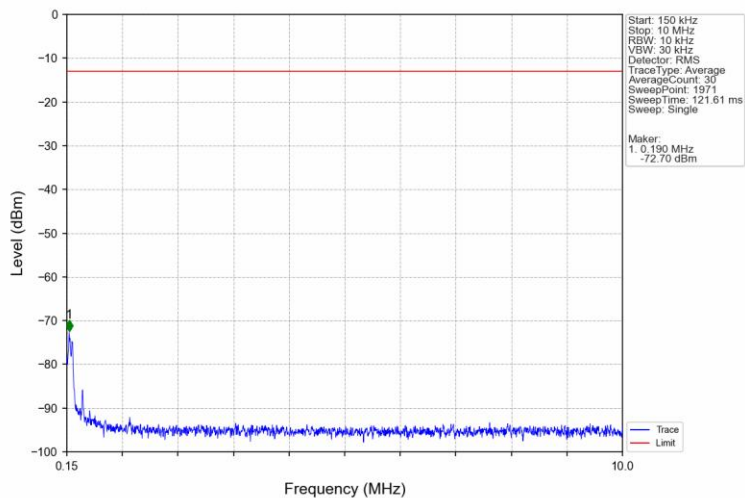
6.2 Test Graph

6.2.1 B5_1.4MHz

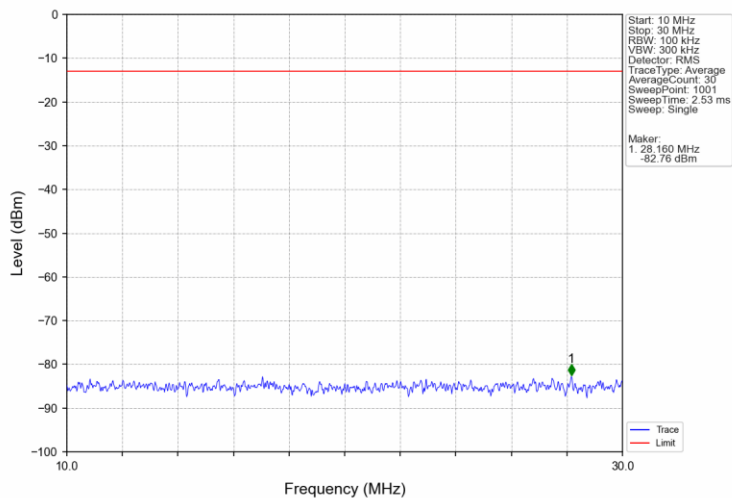




Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

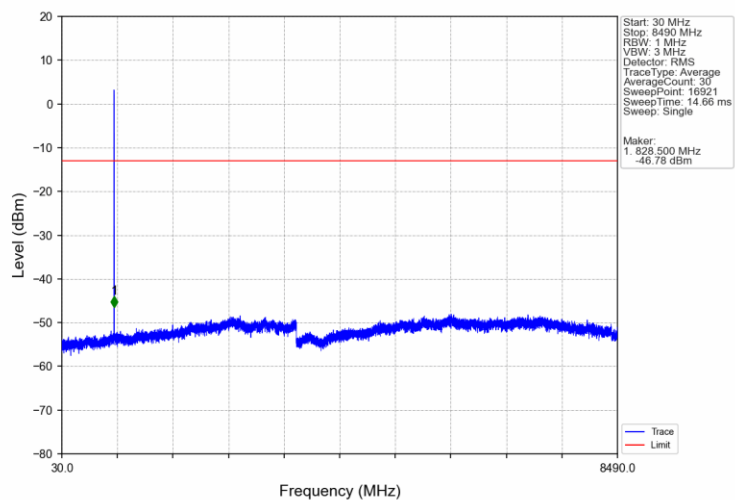


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

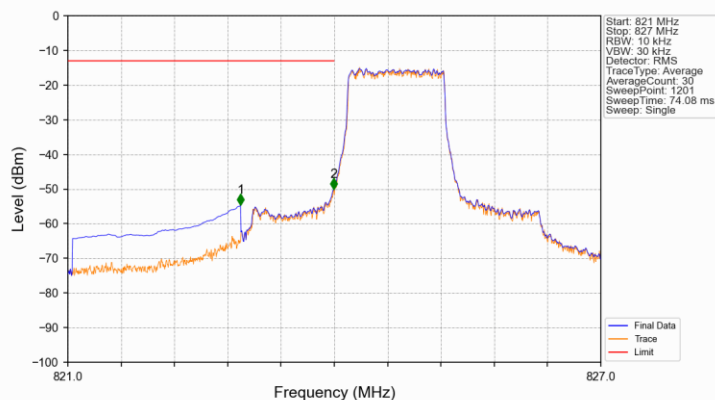




Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-54.65	-13	Pass
823	824	0.013	CHP	2	823.995	-50.09	-13	Pass
824	827	0.013	CHP	/	/	/	/	/