

1. Effective (Isotropic) Radiated Power Output Data

1.1 B5_1.4MHz_ERP

1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	824.7	1	0	23.99	0.66	22.50	<=38.45	Pass		
			2	24.12	0.66	22.63	<=38.45	Pass		
			5	24.01	0.66	22.52	<=38.45	Pass		
		3	0	23.80	0.66	22.31	<=38.45	Pass		
			2	23.82	0.66	22.33	<=38.45	Pass		
			3	23.77	0.66	22.28	<=38.45	Pass		
		6	0	22.97	0.66	21.48	<=38.45	Pass		
		836.5	1	0	23.76	0.66	22.27	<=38.45	Pass	
				2	23.84	0.66	22.35	<=38.45	Pass	
	5			23.77	0.66	22.28	<=38.45	Pass		
	3		0	23.84	0.66	22.35	<=38.45	Pass		
			2	23.87	0.66	22.38	<=38.45	Pass		
			3	23.82	0.66	22.33	<=38.45	Pass		
	6		0	22.82	0.66	21.33	<=38.45	Pass		
	848.3		1	0	23.79	0.66	22.30	<=38.45	Pass	
				2	24.02	0.66	22.53	<=38.45	Pass	
		5		24.02	0.66	22.53	<=38.45	Pass		
		3	0	23.76	0.66	22.27	<=38.45	Pass		
			2	23.78	0.66	22.29	<=38.45	Pass		
			3	23.69	0.66	22.20	<=38.45	Pass		
		6	0	22.90	0.66	21.41	<=38.45	Pass		
		16QAM	824.7	1	0	22.73	0.66	21.24	<=38.45	Pass
					2	22.84	0.66	21.35	<=38.45	Pass
	5				22.78	0.66	21.29	<=38.45	Pass	
3	0			22.75	0.66	21.26	<=38.45	Pass		
	2			22.75	0.66	21.26	<=38.45	Pass		
	3			22.72	0.66	21.23	<=38.45	Pass		
6	0			21.84	0.66	20.35	<=38.45	Pass		
836.5	1			0	22.89	0.66	21.40	<=38.45	Pass	
				2	22.98	0.66	21.49	<=38.45	Pass	
			5	22.86	0.66	21.37	<=38.45	Pass		
	3		0	22.78	0.66	21.29	<=38.45	Pass		
			2	22.82	0.66	21.33	<=38.45	Pass		
			3	22.81	0.66	21.32	<=38.45	Pass		
	6		0	21.89	0.66	20.40	<=38.45	Pass		
	848.3		1	0	22.67	0.66	21.18	<=38.45	Pass	
				2	22.78	0.66	21.29	<=38.45	Pass	
5				22.70	0.66	21.21	<=38.45	Pass		
3			0	22.76	0.66	21.27	<=38.45	Pass		
			2	22.70	0.66	21.21	<=38.45	Pass		
			3	22.62	0.66	21.13	<=38.45	Pass		
6			0	21.94	0.66	20.45	<=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 / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	24.14	0.66	22.65	<=38.45	Pass		
			7	24.29	0.66	22.80	<=38.45	Pass		
			14	24.18	0.66	22.69	<=38.45	Pass		
		8	0	23.03	0.66	21.54	<=38.45	Pass		
			4	23.09	0.66	21.60	<=38.45	Pass		
			7	23.03	0.66	21.54	<=38.45	Pass		
		15	0	22.91	0.66	21.42	<=38.45	Pass		
		836.5	1	0	23.94	0.66	22.45	<=38.45	Pass	
				7	24.07	0.66	22.58	<=38.45	Pass	
	14			23.92	0.66	22.43	<=38.45	Pass		
	8		0	22.94	0.66	21.45	<=38.45	Pass		
			4	22.95	0.66	21.46	<=38.45	Pass		
			7	22.87	0.66	21.38	<=38.45	Pass		
	15		0	22.90	0.66	21.41	<=38.45	Pass		
	847.5		1	0	23.93	0.66	22.44	<=38.45	Pass	
				7	24.02	0.66	22.53	<=38.45	Pass	
		14		24.09	0.66	22.60	<=38.45	Pass		
		8	0	22.89	0.66	21.40	<=38.45	Pass		
			4	22.95	0.66	21.46	<=38.45	Pass		
			7	22.90	0.66	21.41	<=38.45	Pass		
		15	0	22.87	0.66	21.38	<=38.45	Pass		
		16QAM	825.5	1	0	22.94	0.66	21.45	<=38.45	Pass
					7	23.02	0.66	21.53	<=38.45	Pass
	14				22.90	0.66	21.41	<=38.45	Pass	
8	0			22.03	0.66	20.54	<=38.45	Pass		
	4			22.08	0.66	20.59	<=38.45	Pass		
	7			22.03	0.66	20.54	<=38.45	Pass		
15	0			21.95	0.66	20.46	<=38.45	Pass		
836.5	1			0	23.11	0.66	21.62	<=38.45	Pass	
				7	23.20	0.66	21.71	<=38.45	Pass	
			14	23.03	0.66	21.54	<=38.45	Pass		
	8		0	21.96	0.66	20.47	<=38.45	Pass		
			4	22.01	0.66	20.52	<=38.45	Pass		
			7	21.94	0.66	20.45	<=38.45	Pass		
	15		0	21.93	0.66	20.44	<=38.45	Pass		
	847.5		1	0	23.37	0.66	21.88	<=38.45	Pass	
				7	23.47	0.66	21.98	<=38.45	Pass	
14				23.15	0.66	21.66	<=38.45	Pass		
8			0	22.10	0.66	20.61	<=38.45	Pass		
			4	22.18	0.66	20.69	<=38.45	Pass		
			7	22.09	0.66	20.60	<=38.45	Pass		
15			0	22.01	0.66	20.52	<=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 / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	23.84	0.66	22.35	<=38.45	Pass		
			13	24.00	0.66	22.51	<=38.45	Pass		
			24	23.91	0.66	22.42	<=38.45	Pass		
		12	0	22.77	0.66	21.28	<=38.45	Pass		
			6	22.83	0.66	21.34	<=38.45	Pass		
			13	22.75	0.66	21.26	<=38.45	Pass		
		25	0	22.76	0.66	21.27	<=38.45	Pass		
		836.5	1	0	23.71	0.66	22.22	<=38.45	Pass	
				13	23.82	0.66	22.33	<=38.45	Pass	
	24			23.71	0.66	22.22	<=38.45	Pass		
	12		0	22.75	0.66	21.26	<=38.45	Pass		
			6	22.78	0.66	21.29	<=38.45	Pass		
			13	22.67	0.66	21.18	<=38.45	Pass		
	25		0	22.76	0.66	21.27	<=38.45	Pass		
	846.5		1	0	23.76	0.66	22.27	<=38.45	Pass	
				13	23.80	0.66	22.31	<=38.45	Pass	
		24		23.82	0.66	22.33	<=38.45	Pass		
		12	0	22.72	0.66	21.23	<=38.45	Pass		
			6	22.80	0.66	21.31	<=38.45	Pass		
			13	22.64	0.66	21.15	<=38.45	Pass		
		25	0	22.69	0.66	21.20	<=38.45	Pass		
		16QAM	826.5	1	0	22.74	0.66	21.25	<=38.45	Pass
					13	22.84	0.66	21.35	<=38.45	Pass
	24				22.73	0.66	21.24	<=38.45	Pass	
12	0			21.77	0.66	20.28	<=38.45	Pass		
	6			21.83	0.66	20.34	<=38.45	Pass		
	13			21.73	0.66	20.24	<=38.45	Pass		
25	0			21.77	0.66	20.28	<=38.45	Pass		
836.5	1			0	22.92	0.66	21.43	<=38.45	Pass	
				13	23.00	0.66	21.51	<=38.45	Pass	
			24	22.84	0.66	21.35	<=38.45	Pass		
	12		0	21.87	0.66	20.38	<=38.45	Pass		
			6	21.94	0.66	20.45	<=38.45	Pass		
			13	21.81	0.66	20.32	<=38.45	Pass		
	25		0	21.81	0.66	20.32	<=38.45	Pass		
	846.5		1	0	22.39	0.66	20.90	<=38.45	Pass	
				13	22.60	0.66	21.11	<=38.45	Pass	
24				22.44	0.66	20.95	<=38.45	Pass		
12			0	21.80	0.66	20.31	<=38.45	Pass		
			6	21.86	0.66	20.37	<=38.45	Pass		
			13	21.76	0.66	20.27	<=38.45	Pass		
25			0	21.79	0.66	20.30	<=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	23.95	0.66	22.46	<=38.45	Pass		
			25	24.20	0.66	22.71	<=38.45	Pass		
			49	23.82	0.66	22.33	<=38.45	Pass		
		25	0	22.87	0.66	21.38	<=38.45	Pass		
			13	22.83	0.66	21.34	<=38.45	Pass		
			25	22.79	0.66	21.30	<=38.45	Pass		
		50	0	22.80	0.66	21.31	<=38.45	Pass		
		836.5	1	0	23.76	0.66	22.27	<=38.45	Pass	
				25	24.01	0.66	22.52	<=38.45	Pass	
	49			23.89	0.66	22.40	<=38.45	Pass		
	25		0	22.87	0.66	21.38	<=38.45	Pass		
			13	22.84	0.66	21.35	<=38.45	Pass		
			25	22.75	0.66	21.26	<=38.45	Pass		
	50		0	22.80	0.66	21.31	<=38.45	Pass		
	844		1	0	23.82	0.66	22.33	<=38.45	Pass	
				25	24.21	0.66	22.72	<=38.45	Pass	
		49		23.87	0.66	22.38	<=38.45	Pass		
		25	0	22.84	0.66	21.35	<=38.45	Pass		
			13	22.77	0.66	21.28	<=38.45	Pass		
			25	22.73	0.66	21.24	<=38.45	Pass		
		50	0	22.82	0.66	21.33	<=38.45	Pass		
		16QAM	829	1	0	22.72	0.66	21.23	<=38.45	Pass
					25	22.93	0.66	21.44	<=38.45	Pass
	49				22.76	0.66	21.27	<=38.45	Pass	
25	0			21.92	0.66	20.43	<=38.45	Pass		
	13			21.90	0.66	20.41	<=38.45	Pass		
	25			21.93	0.66	20.44	<=38.45	Pass		
50	0			21.84	0.66	20.35	<=38.45	Pass		
836.5	1			0	22.86	0.66	21.37	<=38.45	Pass	
				25	23.11	0.66	21.62	<=38.45	Pass	
			49	22.80	0.66	21.31	<=38.45	Pass		
	25		0	21.97	0.66	20.48	<=38.45	Pass		
			13	21.95	0.66	20.46	<=38.45	Pass		
			25	21.82	0.66	20.33	<=38.45	Pass		
	50		0	21.85	0.66	20.36	<=38.45	Pass		
	844		1	0	23.06	0.66	21.57	<=38.45	Pass	
				25	23.22	0.66	21.73	<=38.45	Pass	
49				23.06	0.66	21.57	<=38.45	Pass		
25			0	21.85	0.66	20.36	<=38.45	Pass		
			13	21.82	0.66	20.33	<=38.45	Pass		
			25	21.86	0.66	20.37	<=38.45	Pass		
50			0	21.85	0.66	20.36	<=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	-7.253	-0.0088	-2.5 to 2.5	Pass
					3.85	-7.195	-0.0087	-2.5 to 2.5	Pass
					4.43	-6.824	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.752	-0.0082	-2.5 to 2.5	Pass
	50	3.85	-5.522	-0.0067	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-2.875	-0.0034	-2.5 to 2.5	Pass
					3.85	-3.190	-0.0038	-2.5 to 2.5	Pass
					4.43	-4.363	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-8.326	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.320	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
	50	3.85	-3.076	-0.0037	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-9.198	-0.0108	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0037	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-6.480	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-12.631	-0.0149	-2.5 to 2.5	Pass
				10	3.85	-5.293	-0.0062	-2.5 to 2.5	Pass
30				3.85	-6.180	-0.0073	-2.5 to 2.5	Pass	
40				3.85	-3.734	-0.0044	-2.5 to 2.5	Pass	
50	3.85	-6.952	-0.0082	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.27	-8.225	-0.0100	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0048	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.550	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-8.039	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
	40	3.85	-5.736	-0.0070	-2.5 to 2.5	Pass			
	50	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-3.991	-0.0048	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0055	-2.5 to 2.5	Pass
					4.43	-6.394	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-3.748	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
10				3.85	-11.029	-0.0132	-2.5 to 2.5	Pass	

				30	3.85	-7.010	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0065	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-5.178	-0.0061	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0092	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-5.937	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-5.836	-0.0069	-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	-5.121	-0.0062	-2.5 to 2.5	Pass			
					3.85	-2.289	-0.0028	-2.5 to 2.5	Pass			
					4.43	-5.007	-0.0061	-2.5 to 2.5	Pass			
				-30	3.85	-4.392	-0.0053	-2.5 to 2.5	Pass			
				-20	3.85	-3.448	-0.0042	-2.5 to 2.5	Pass			
				-10	3.85	-4.020	-0.0049	-2.5 to 2.5	Pass			
				0	3.85	-5.836	-0.0071	-2.5 to 2.5	Pass			
				10	3.85	-4.663	-0.0056	-2.5 to 2.5	Pass			
				30	3.85	-6.251	-0.0076	-2.5 to 2.5	Pass			
				40	3.85	-7.467	-0.0090	-2.5 to 2.5	Pass			
				50	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass			
				836.5	15	0	20	3.27	-1.802	-0.0022	-2.5 to 2.5	Pass
								3.85	-2.589	-0.0031	-2.5 to 2.5	Pass
								4.43	-5.150	-0.0062	-2.5 to 2.5	Pass
							-30	3.85	-5.736	-0.0069	-2.5 to 2.5	Pass
	-20	3.85	-8.354				-0.0100	-2.5 to 2.5	Pass			
	-10	3.85	-5.336				-0.0064	-2.5 to 2.5	Pass			
	0	3.85	-6.251				-0.0075	-2.5 to 2.5	Pass			
	10	3.85	-4.148				-0.0050	-2.5 to 2.5	Pass			
	30	3.85	-5.150				-0.0062	-2.5 to 2.5	Pass			
	40	3.85	-2.618				-0.0031	-2.5 to 2.5	Pass			
	50	3.85	-8.998				-0.0108	-2.5 to 2.5	Pass			
	847.5	15	0				20	3.27	-4.678	-0.0055	-2.5 to 2.5	Pass
								3.85	-6.895	-0.0081	-2.5 to 2.5	Pass
								4.43	-2.832	-0.0033	-2.5 to 2.5	Pass
							-30	3.85	-6.523	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass			
				-10	3.85	-6.337	-0.0075	-2.5 to 2.5	Pass			
				0	3.85	-8.082	-0.0095	-2.5 to 2.5	Pass			
				10	3.85	-2.546	-0.0030	-2.5 to 2.5	Pass			

				30	3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-8.397	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-7.267	-0.0086	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-6.838	-0.0083	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0059	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-6.194	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-6.552	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				836.5	15	0	20	3.27	-10.057
	3.85	-6.223	-0.0074					-2.5 to 2.5	Pass
	4.43	-4.878	-0.0058					-2.5 to 2.5	Pass
	-30	3.85	-3.748				-0.0045	-2.5 to 2.5	Pass
	-20	3.85	-8.011				-0.0096	-2.5 to 2.5	Pass
	-10	3.85	-4.764				-0.0057	-2.5 to 2.5	Pass
	0	3.85	-5.436				-0.0065	-2.5 to 2.5	Pass
	10	3.85	-4.478				-0.0054	-2.5 to 2.5	Pass
	30	3.85	-4.435				-0.0053	-2.5 to 2.5	Pass
	40	3.85	-3.977				-0.0048	-2.5 to 2.5	Pass
	50	3.85	-11.573				-0.0138	-2.5 to 2.5	Pass
	847.5	15	0				20	3.27	-7.482
				3.85	-4.134	-0.0049		-2.5 to 2.5	Pass
				4.43	-7.911	-0.0093		-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-7.138	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-6.194	-0.0073	-2.5 to 2.5	Pass
30				3.85	-7.195	-0.0085	-2.5 to 2.5	Pass	
40				3.85	-6.452	-0.0076	-2.5 to 2.5	Pass	
50				3.85	-6.337	-0.0075	-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	-4.935	-0.0060	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0085	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-8.440	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-4.735	-0.0057	-2.5 to 2.5	Pass

	836.5	25	0	30	3.85	-6.537	-0.0079	-2.5 to 2.5	Pass				
				40	3.85	-5.722	-0.0069	-2.5 to 2.5	Pass				
				50	3.85	-7.167	-0.0087	-2.5 to 2.5	Pass				
				20	3.27	-7.854	-0.0094	-2.5 to 2.5	Pass				
					3.85	-8.812	-0.0105	-2.5 to 2.5	Pass				
					4.43	-7.567	-0.0090	-2.5 to 2.5	Pass				
				-30	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass				
				-20	3.85	-4.649	-0.0056	-2.5 to 2.5	Pass				
				-10	3.85	-6.666	-0.0080	-2.5 to 2.5	Pass				
				0	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass				
				10	3.85	-6.337	-0.0076	-2.5 to 2.5	Pass				
				30	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass				
				40	3.85	-2.646	-0.0032	-2.5 to 2.5	Pass				
				50	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass				
				846.5	25	0	20	3.27	-5.064	-0.0060	-2.5 to 2.5	Pass	
	3.85	-7.968	-0.0094					-2.5 to 2.5	Pass				
	4.43	-9.713	-0.0115					-2.5 to 2.5	Pass				
	-30	3.85	-5.021				-0.0059	-2.5 to 2.5	Pass				
	-20	3.85	-8.254				-0.0098	-2.5 to 2.5	Pass				
	-10	3.85	-7.539				-0.0089	-2.5 to 2.5	Pass				
	0	3.85	-4.849				-0.0057	-2.5 to 2.5	Pass				
	10	3.85	-6.166				-0.0073	-2.5 to 2.5	Pass				
	30	3.85	-7.010				-0.0083	-2.5 to 2.5	Pass				
	40	3.85	-6.952				-0.0082	-2.5 to 2.5	Pass				
	50	3.85	-8.755				-0.0103	-2.5 to 2.5	Pass				
	16QAM	826.5	25				0	20	3.27	-6.108	-0.0074	-2.5 to 2.5	Pass
									3.85	-7.052	-0.0085	-2.5 to 2.5	Pass
									4.43	-7.024	-0.0085	-2.5 to 2.5	Pass
								-30	3.85	-6.824	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-4.420		-0.0053	-2.5 to 2.5	Pass			
-10				3.85	-6.437	-0.0078		-2.5 to 2.5	Pass				
0				3.85	-6.995	-0.0085		-2.5 to 2.5	Pass				
10				3.85	-4.234	-0.0051		-2.5 to 2.5	Pass				
30				3.85	-7.796	-0.0094		-2.5 to 2.5	Pass				
40				3.85	-4.091	-0.0049		-2.5 to 2.5	Pass				
50				3.85	-8.540	-0.0103		-2.5 to 2.5	Pass				
836.5				25	0	20		3.27	-7.696	-0.0092	-2.5 to 2.5	Pass	
								3.85	-3.605	-0.0043	-2.5 to 2.5	Pass	
								4.43	-4.978	-0.0060	-2.5 to 2.5	Pass	
						-30		3.85	-3.633	-0.0043	-2.5 to 2.5	Pass	
		-20	3.85			-6.108	-0.0073	-2.5 to 2.5	Pass				
		-10	3.85			-7.238	-0.0087	-2.5 to 2.5	Pass				
		0	3.85			-9.785	-0.0117	-2.5 to 2.5	Pass				
		10	3.85			-7.782	-0.0093	-2.5 to 2.5	Pass				
		30	3.85			-2.604	-0.0031	-2.5 to 2.5	Pass				
		40	3.85			-4.406	-0.0053	-2.5 to 2.5	Pass				
		50	3.85			-5.651	-0.0068	-2.5 to 2.5	Pass				
		846.5	25			0	20	3.27	-4.606	-0.0054	-2.5 to 2.5	Pass	
								3.85	-6.051	-0.0071	-2.5 to 2.5	Pass	
								4.43	-4.349	-0.0051	-2.5 to 2.5	Pass	
							-30	3.85	-6.938	-0.0082	-2.5 to 2.5	Pass	
-20				3.85	-3.390		-0.0040	-2.5 to 2.5	Pass				
-10				3.85	-11.759		-0.0139	-2.5 to 2.5	Pass				
0				3.85	-2.990		-0.0035	-2.5 to 2.5	Pass				
10				3.85	-4.120		-0.0049	-2.5 to 2.5	Pass				

				30	3.85	-6.194	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0014	-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	-4.706	-0.0057	-2.5 to 2.5	Pass
					3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-6.795	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-8.326	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
	40	3.85	-5.093	-0.0061	-2.5 to 2.5	Pass			
	50	3.85	-4.034	-0.0049	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	-7.753	-0.0093	-2.5 to 2.5	Pass
					3.85	-5.207	-0.0062	-2.5 to 2.5	Pass
					4.43	-5.565	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-10.958	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-5.865	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-9.298	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0060	-2.5 to 2.5	Pass
	40	3.85	-7.496	-0.0090	-2.5 to 2.5	Pass			
	50	3.85	-4.692	-0.0056	-2.5 to 2.5	Pass			
	844	50	0	20	3.27	-7.868	-0.0093	-2.5 to 2.5	Pass
					3.85	-8.554	-0.0101	-2.5 to 2.5	Pass
					4.43	-9.871	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-8.426	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0082	-2.5 to 2.5	Pass
-10				3.85	-7.997	-0.0095	-2.5 to 2.5	Pass	
0				3.85	-7.267	-0.0086	-2.5 to 2.5	Pass	
10				3.85	-6.866	-0.0081	-2.5 to 2.5	Pass	
30				3.85	-7.081	-0.0084	-2.5 to 2.5	Pass	
40	3.85	-4.807	-0.0057	-2.5 to 2.5	Pass				
50	3.85	-4.764	-0.0056	-2.5 to 2.5	Pass				
16QAM	829	50	0	20	3.27	-4.249	-0.0051	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0047	-2.5 to 2.5	Pass
					4.43	-7.625	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-5.021	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0043	-2.5 to 2.5	Pass
0	3.85	-5.765	-0.0070	-2.5 to 2.5	Pass				
10	3.85	-5.994	-0.0072	-2.5 to 2.5	Pass				

	836.5	50	0	30	3.85	-2.675	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				20	3.27	-5.851	-0.0070	-2.5 to 2.5	Pass
					3.85	-10.171	-0.0122	-2.5 to 2.5	Pass
					4.43	-6.351	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-6.323	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-6.695	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-5.980	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-6.251	-0.0075	-2.5 to 2.5	Pass
				844	50	0	20	3.27	-8.783
	3.85	-8.368	-0.0099					-2.5 to 2.5	Pass
	4.43	-7.696	-0.0091					-2.5 to 2.5	Pass
	-30	3.85	-6.766				-0.0080	-2.5 to 2.5	Pass
	-20	3.85	-4.277				-0.0051	-2.5 to 2.5	Pass
	-10	3.85	-7.410				-0.0088	-2.5 to 2.5	Pass
	0	3.85	-5.450				-0.0065	-2.5 to 2.5	Pass
	10	3.85	-6.738				-0.0080	-2.5 to 2.5	Pass
	30	3.85	-5.350				-0.0063	-2.5 to 2.5	Pass
	40	3.85	-5.679				-0.0067	-2.5 to 2.5	Pass
50	3.85	-6.180	-0.0073				-2.5 to 2.5	Pass	

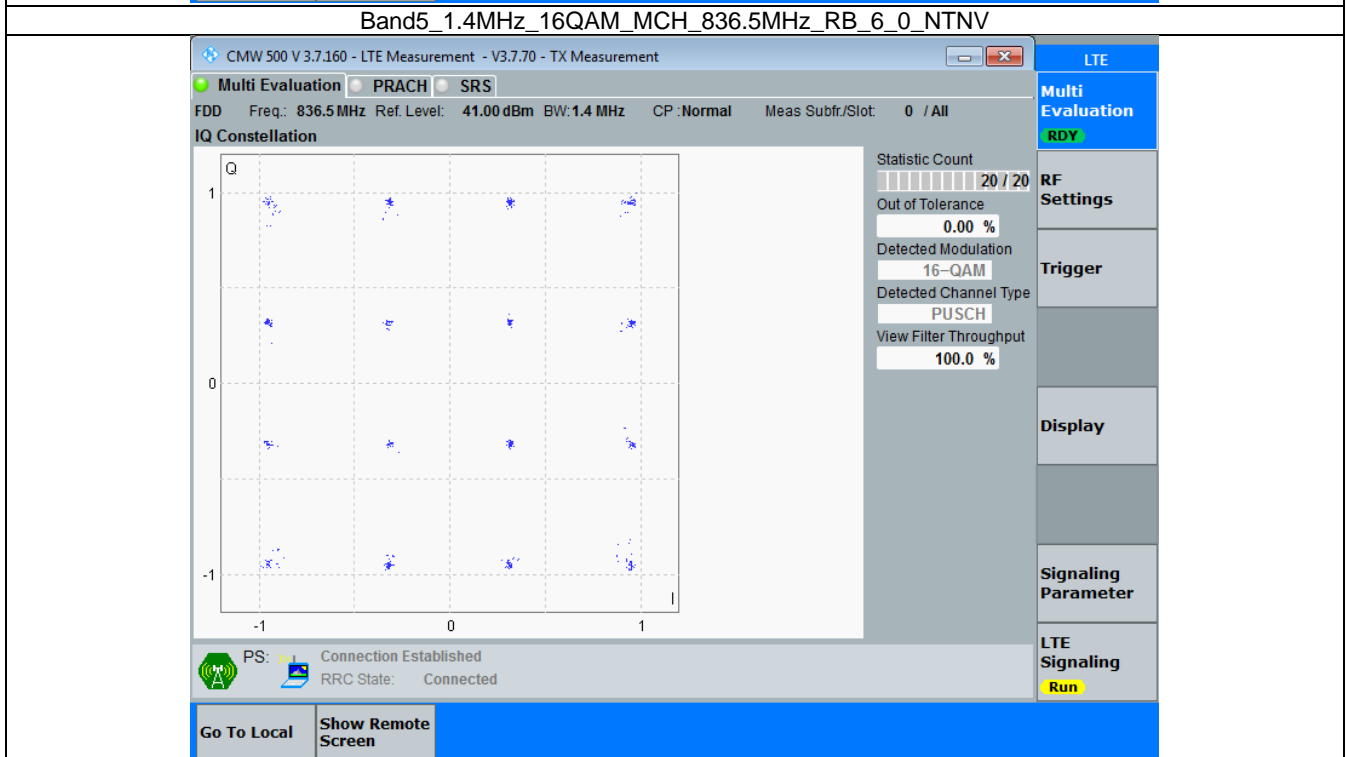
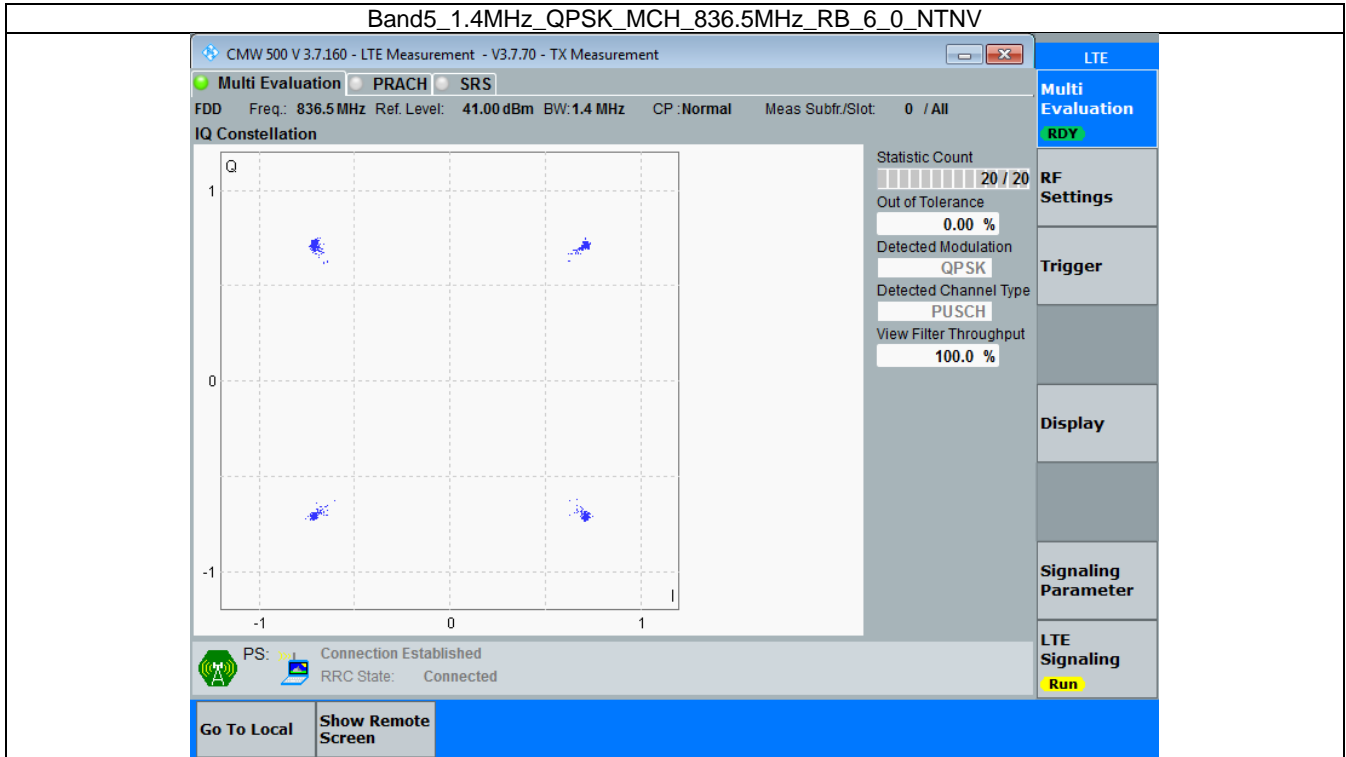
3. Modulation Characteristics

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

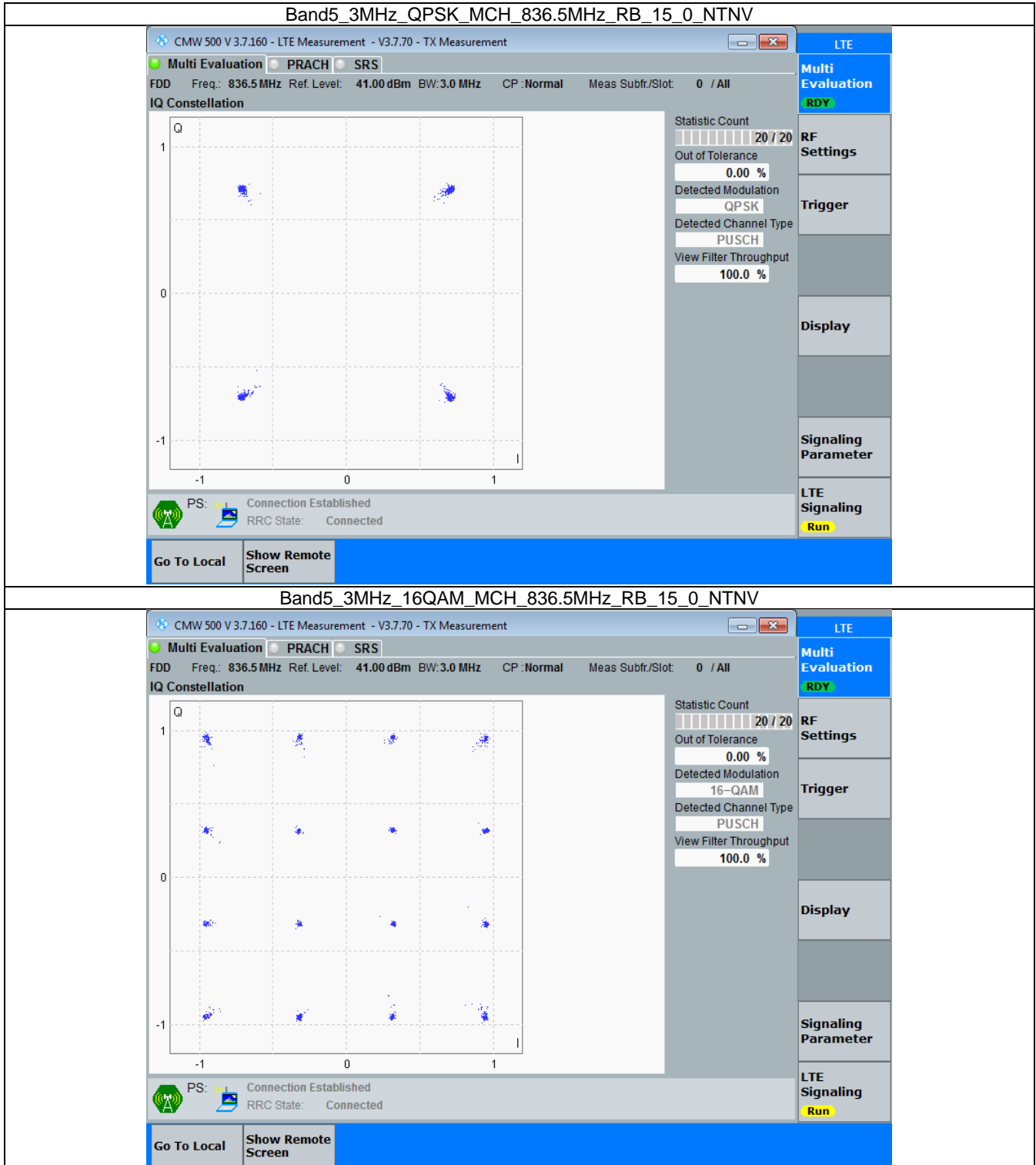


3.2 B5_3MHz

3.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
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

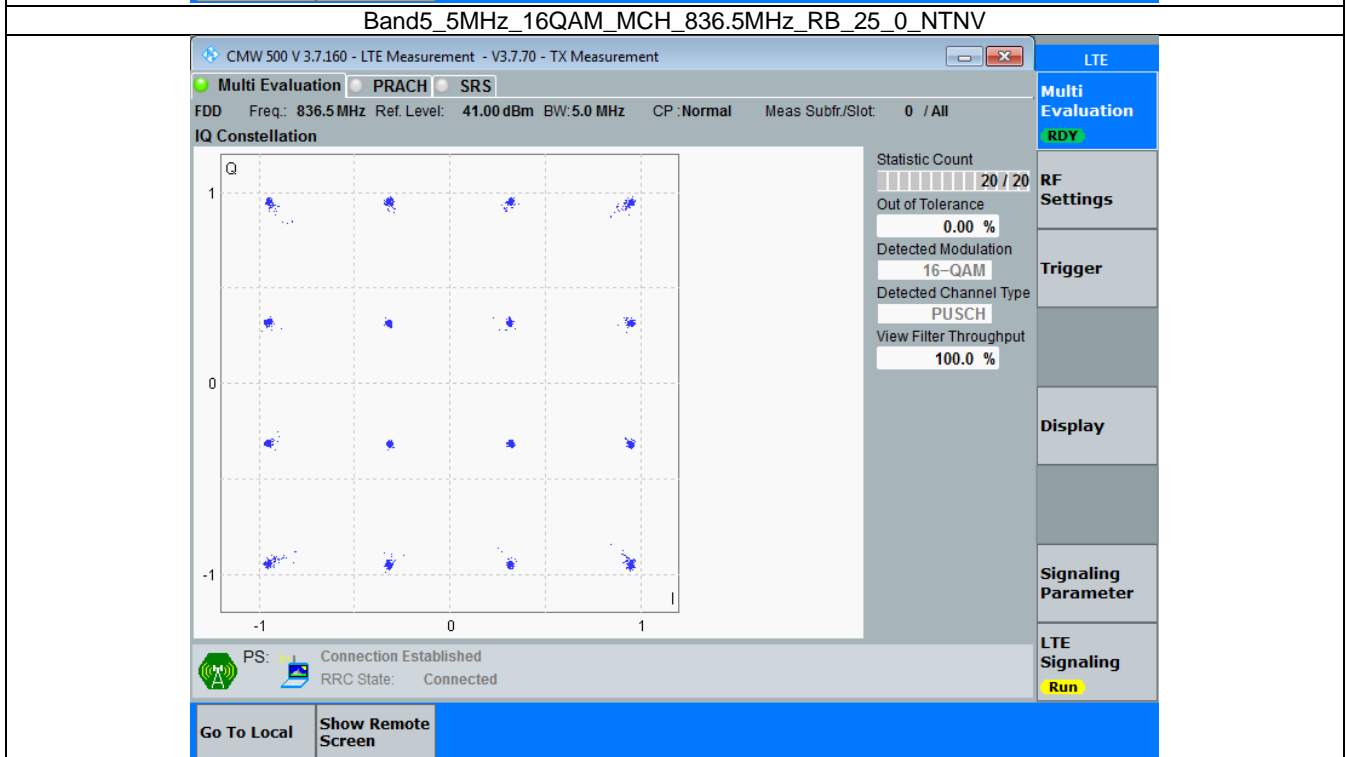
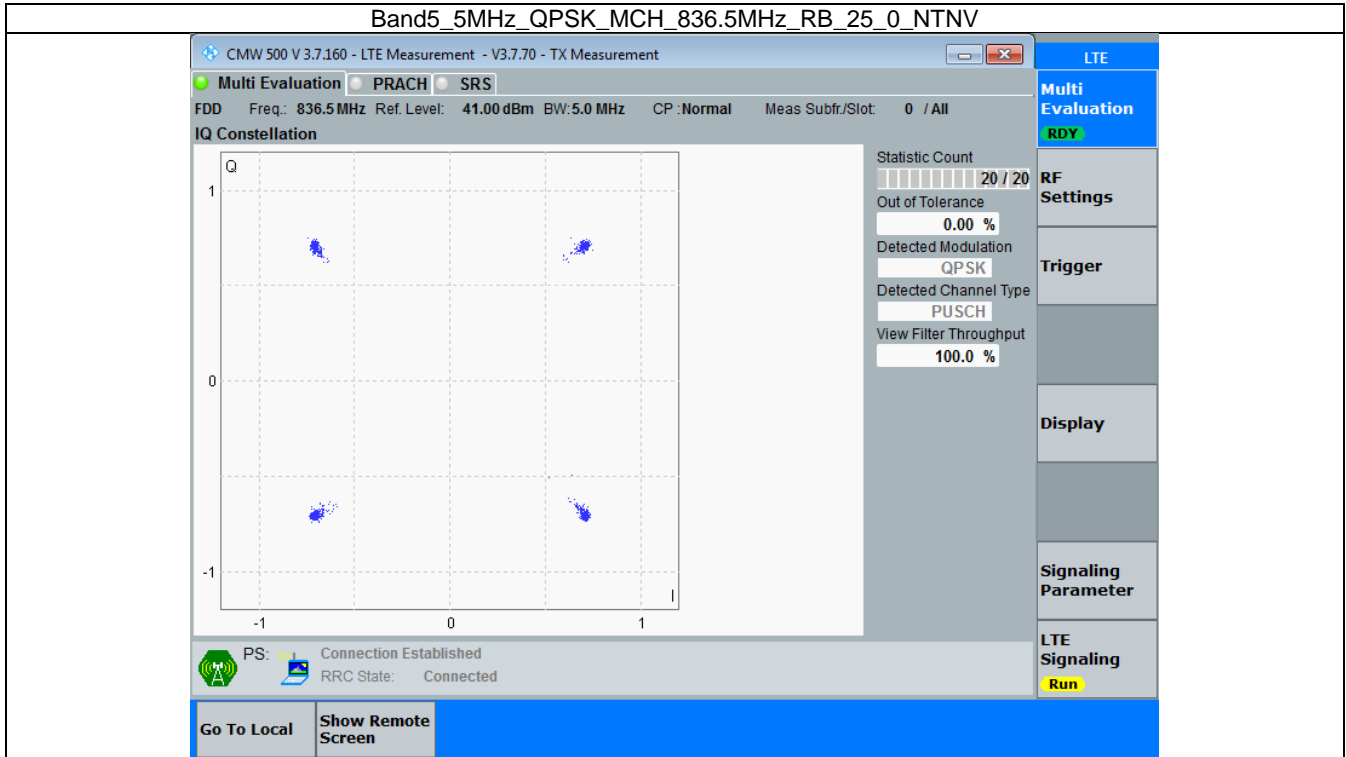


3.3 B5_5MHz

3.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
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

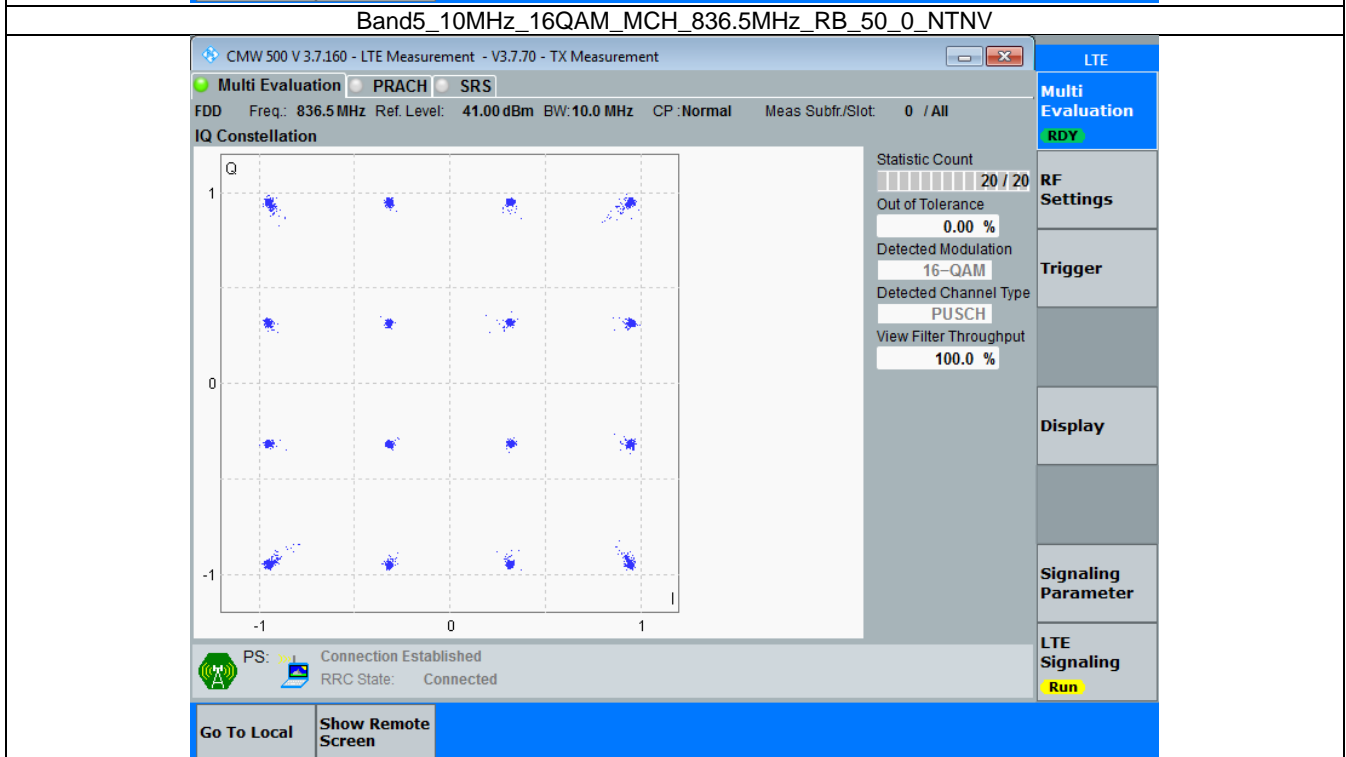
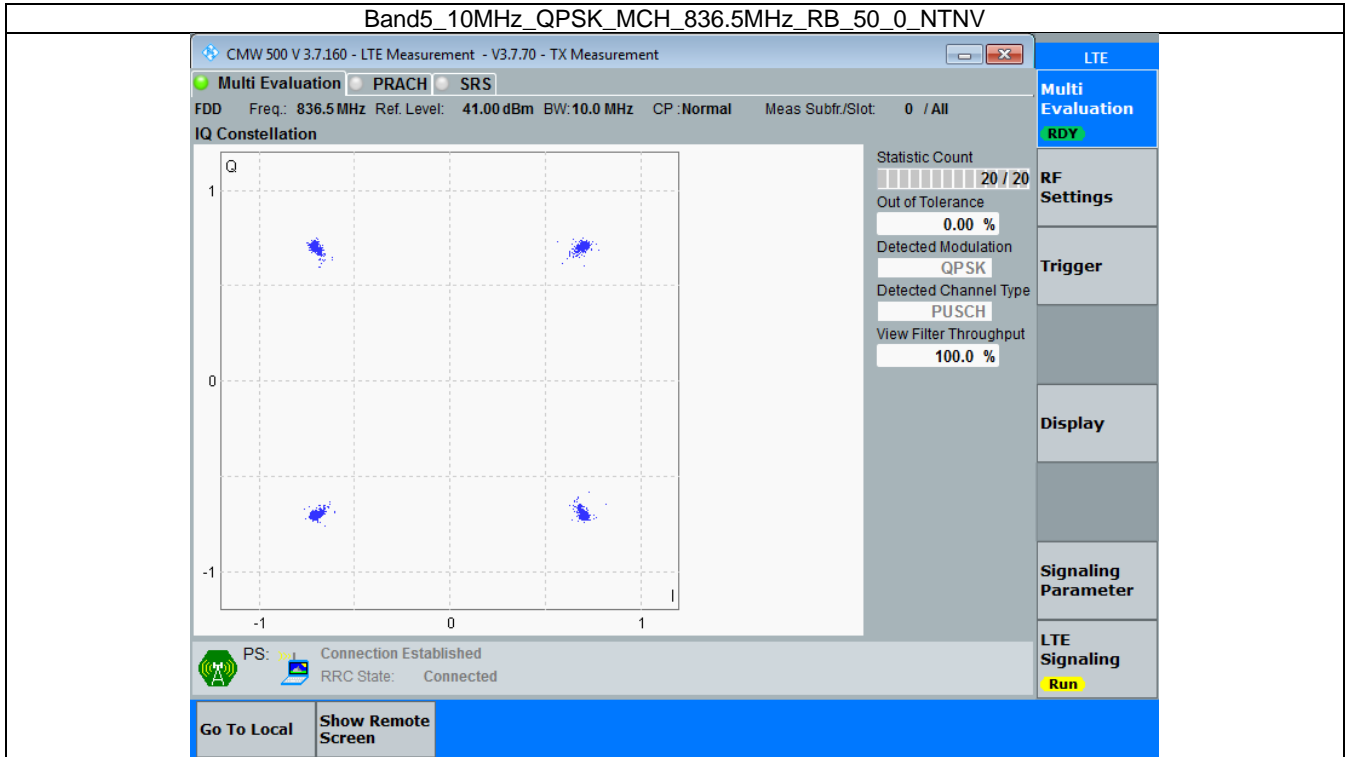


3.4 B5_10MHz

3.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
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



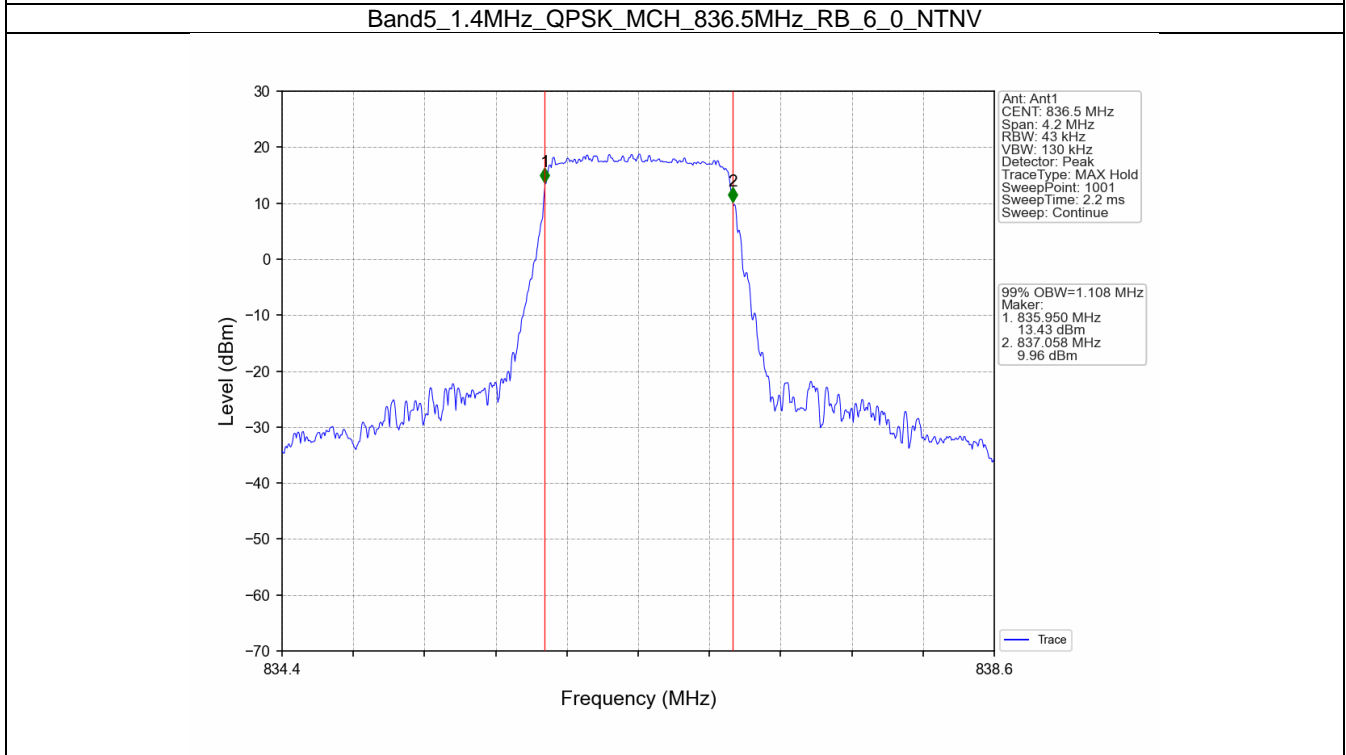
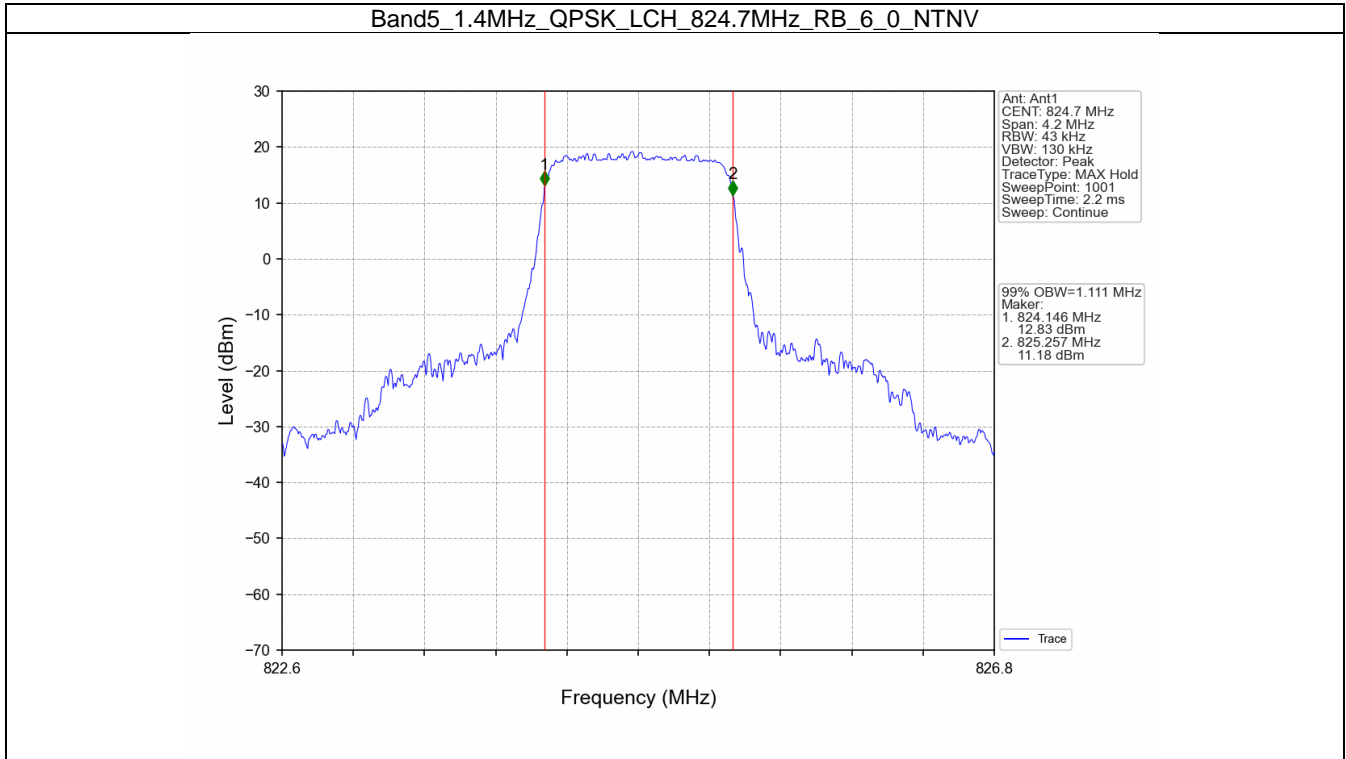
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

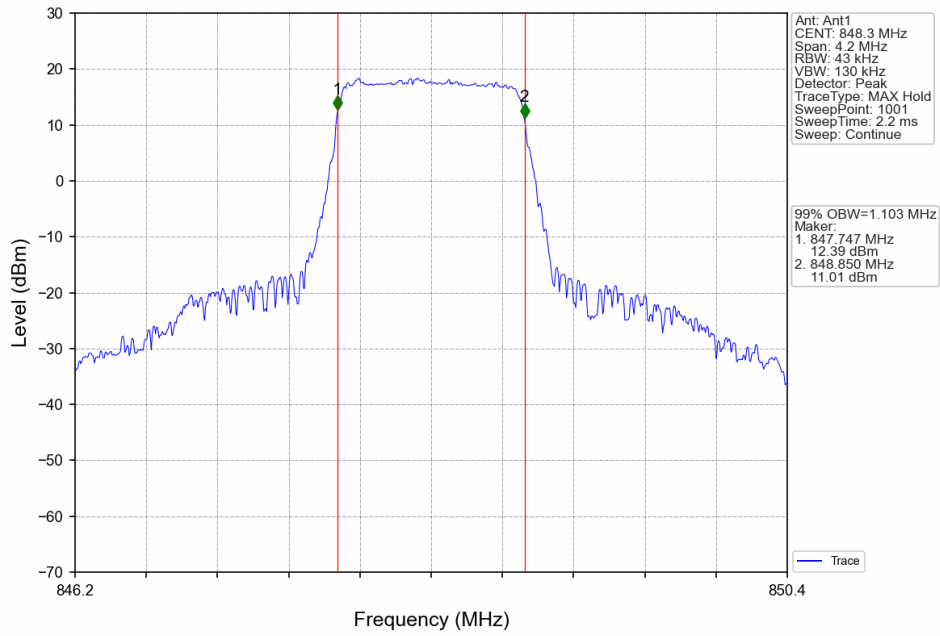
4.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.111	Pass
		836.5	6	0	1.108	Pass
		848.3	6	0	1.103	Pass
	16QAM	824.7	6	0	1.107	Pass
		836.5	6	0	1.107	Pass
		848.3	6	0	1.116	Pass
3	QPSK	825.5	15	0	2.731	Pass
		836.5	15	0	2.731	Pass
		847.5	15	0	2.721	Pass
	16QAM	825.5	15	0	2.718	Pass
		836.5	15	0	2.724	Pass
		847.5	15	0	2.724	Pass
5	QPSK	826.5	25	0	4.539	Pass
		836.5	25	0	4.529	Pass
		846.5	25	0	4.523	Pass
	16QAM	826.5	25	0	4.555	Pass
		836.5	25	0	4.544	Pass
		846.5	25	0	4.518	Pass
10	QPSK	829	50	0	9.066	Pass
		836.5	50	0	9.038	Pass
		844	50	0	9.035	Pass
	16QAM	829	50	0	9.051	Pass
		836.5	50	0	9.046	Pass
		844	50	0	9.050	Pass

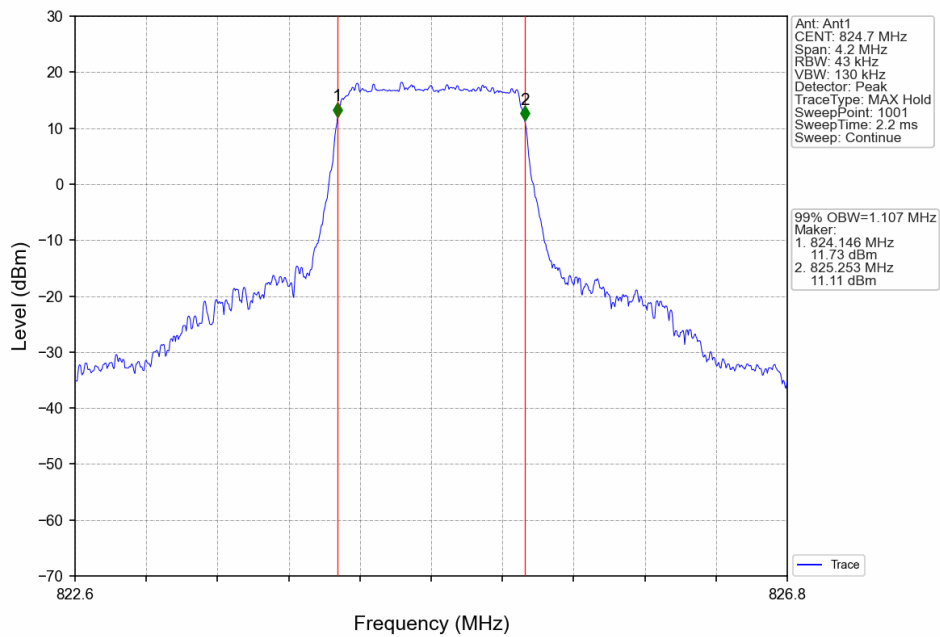
4.1.2 Test Graph



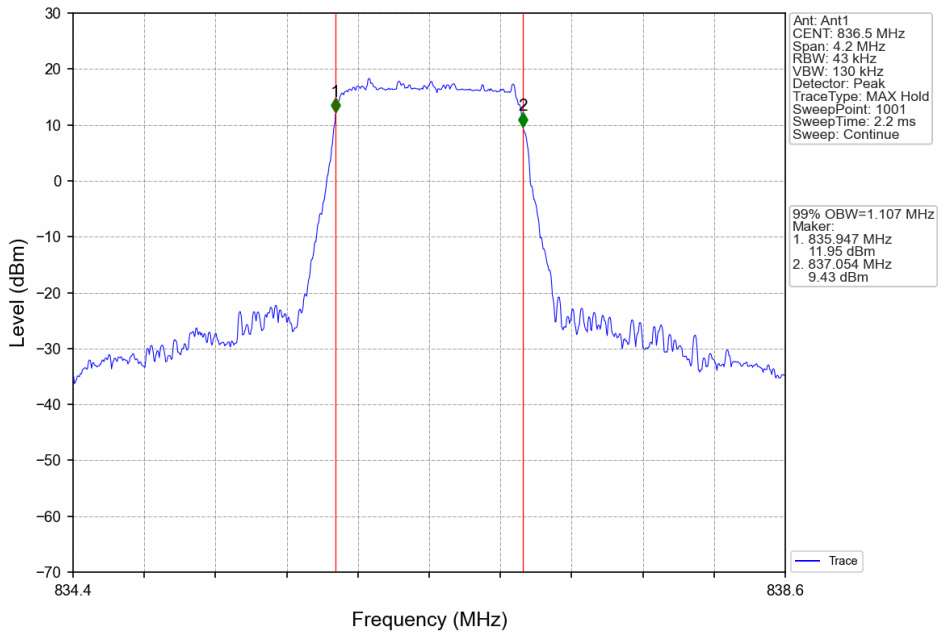
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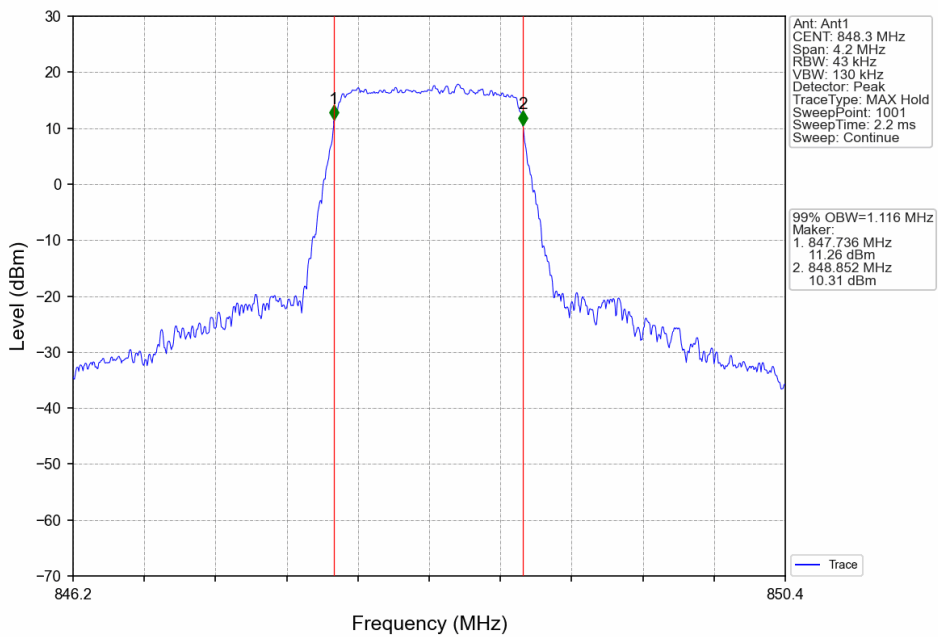
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



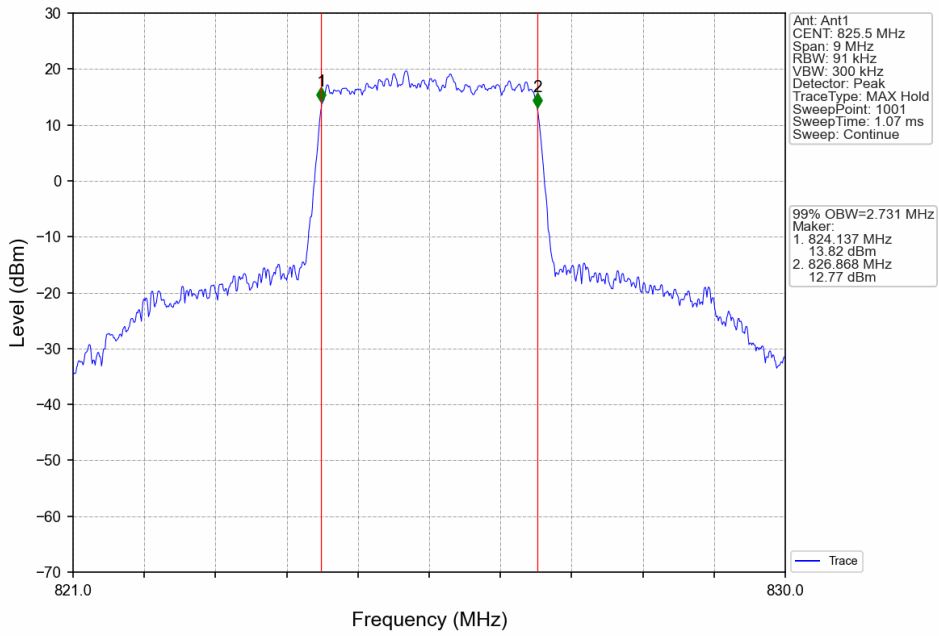
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



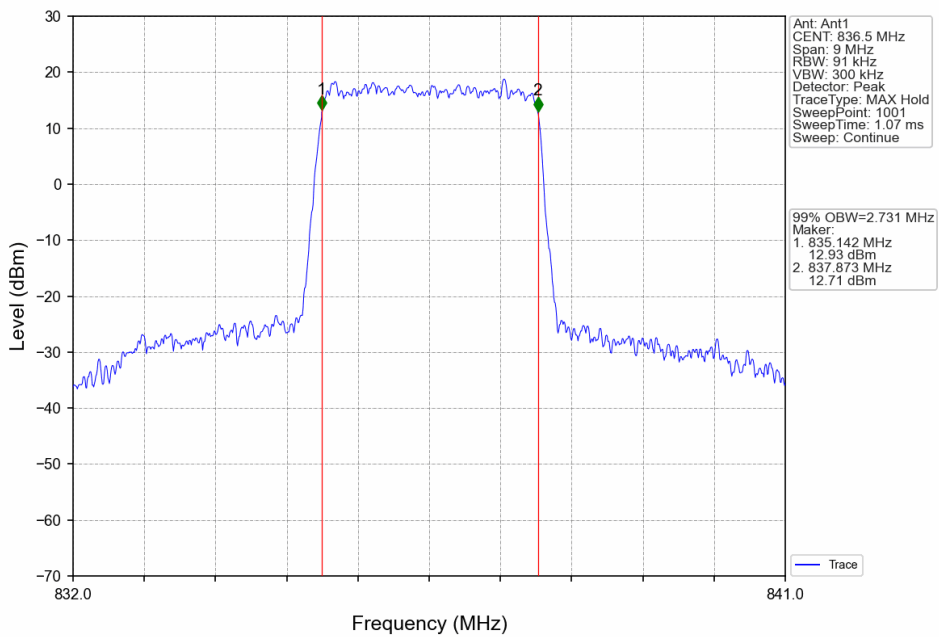
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



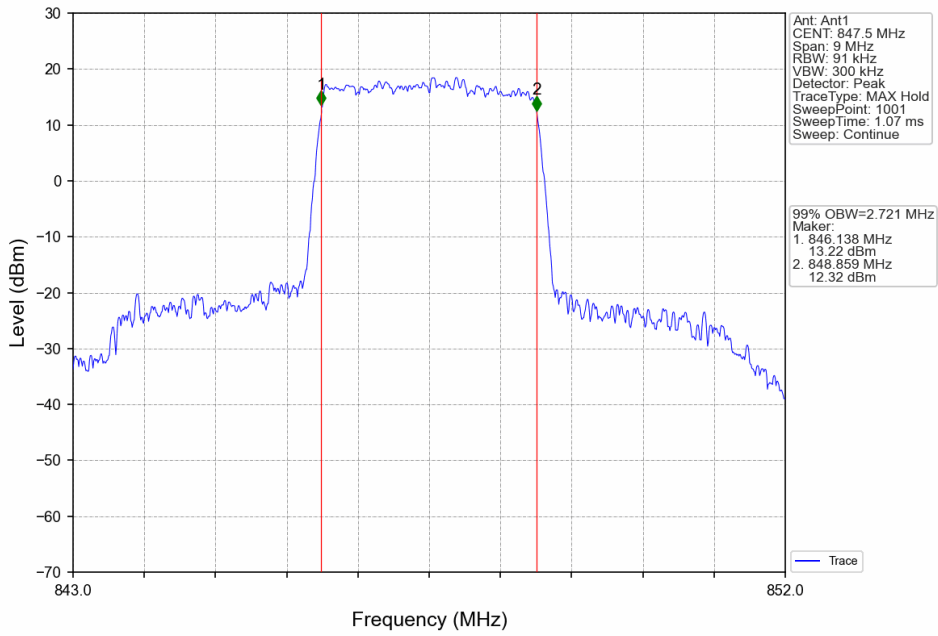
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



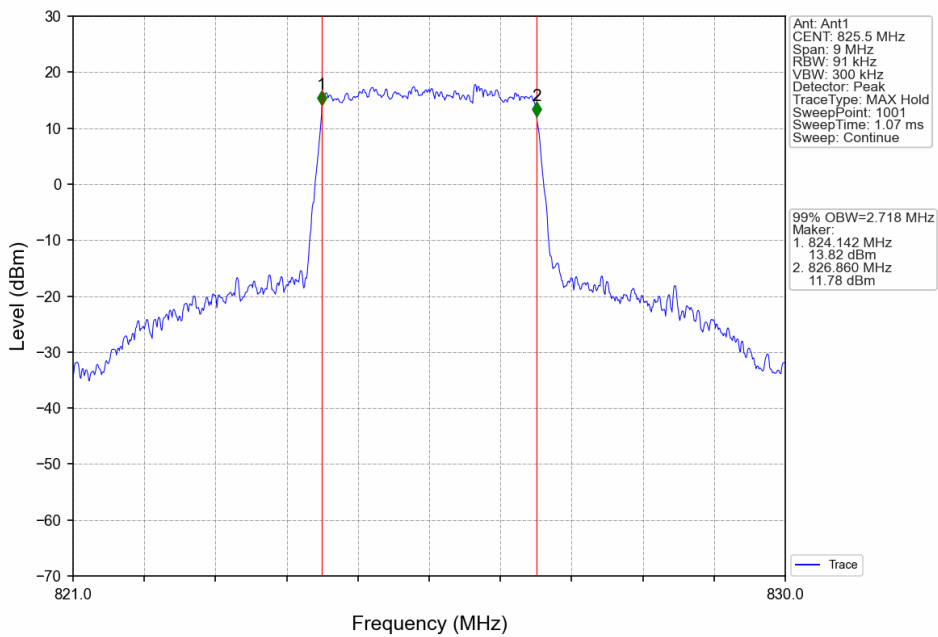
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



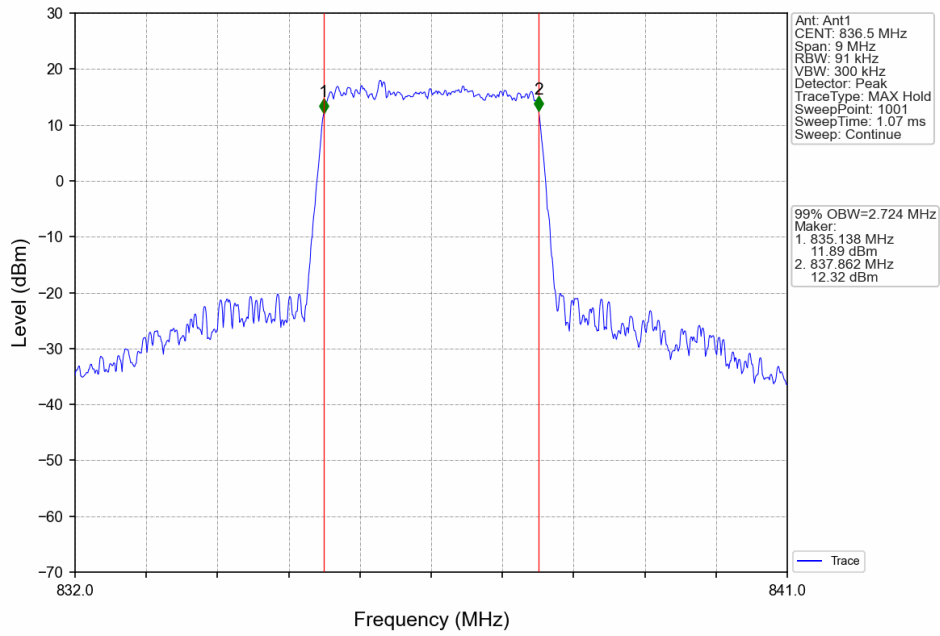
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



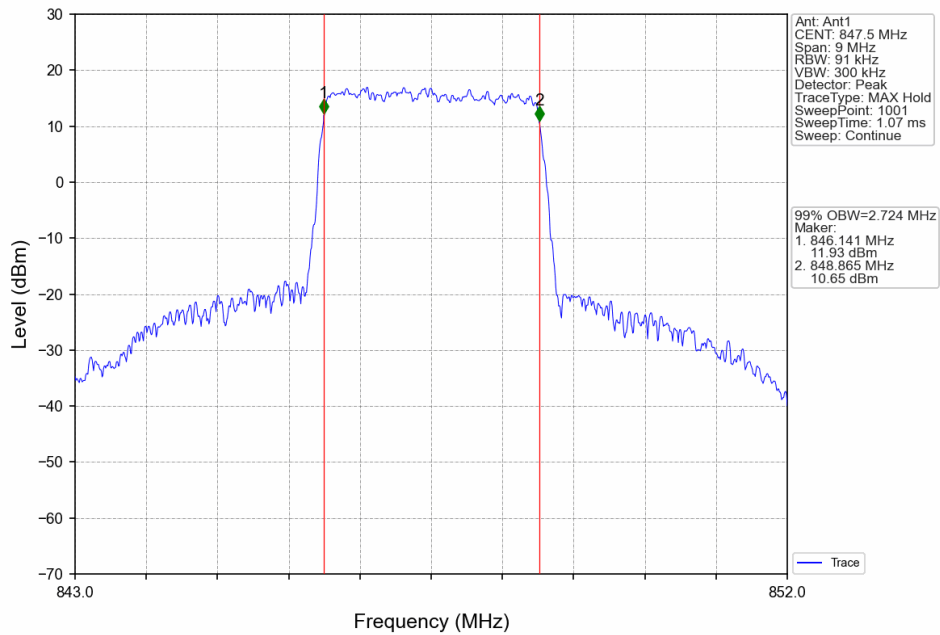
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



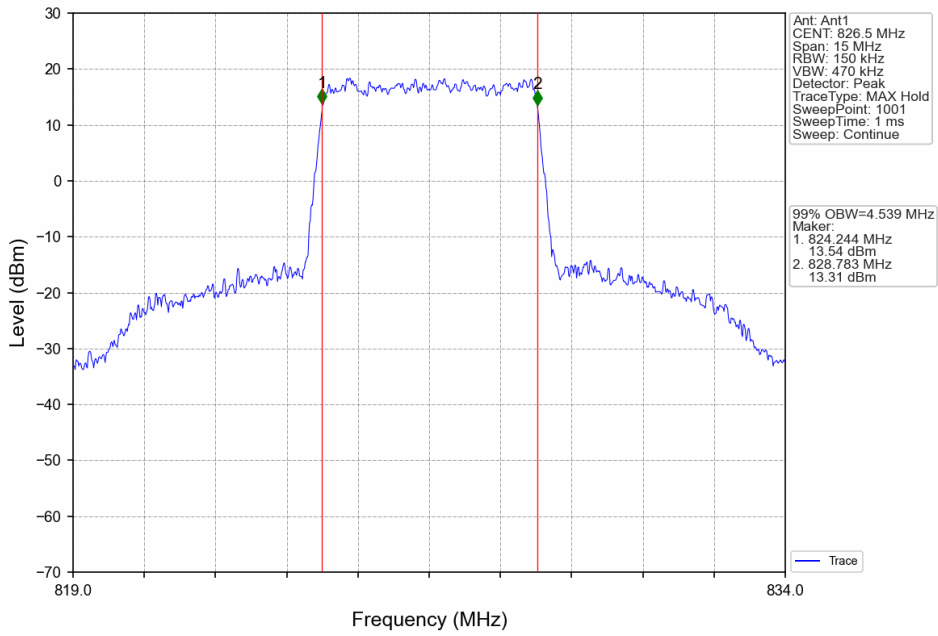
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



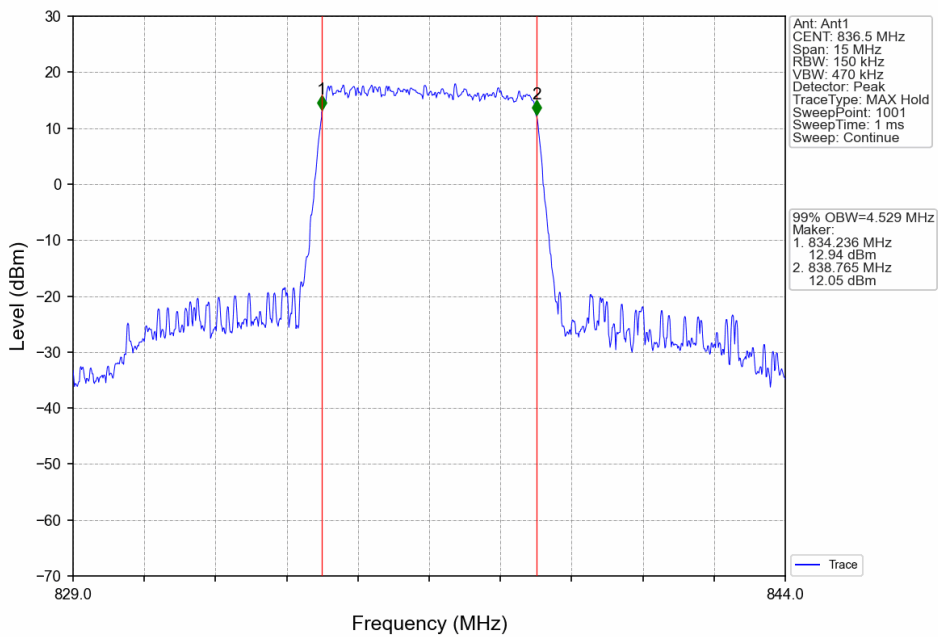
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



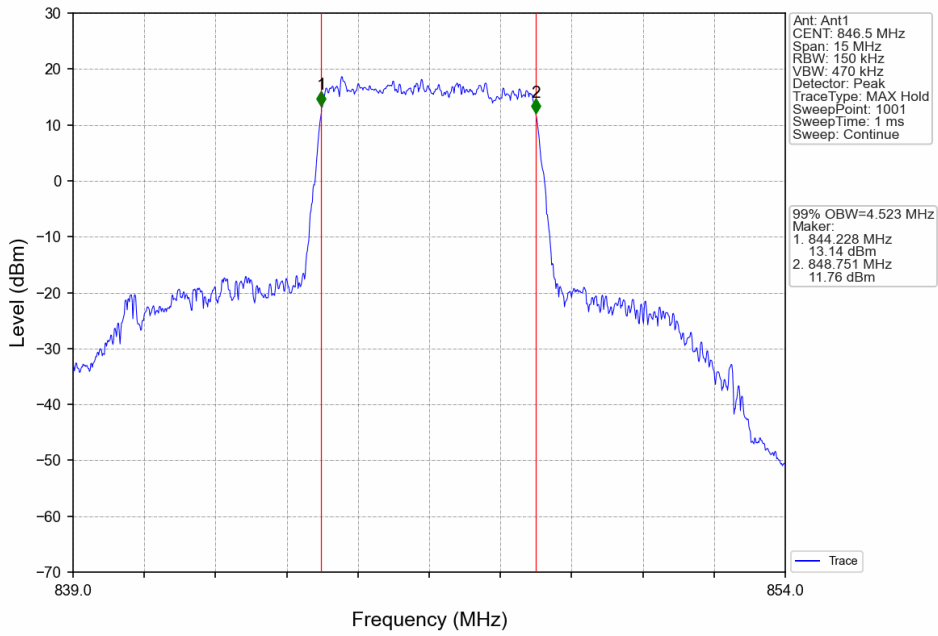
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



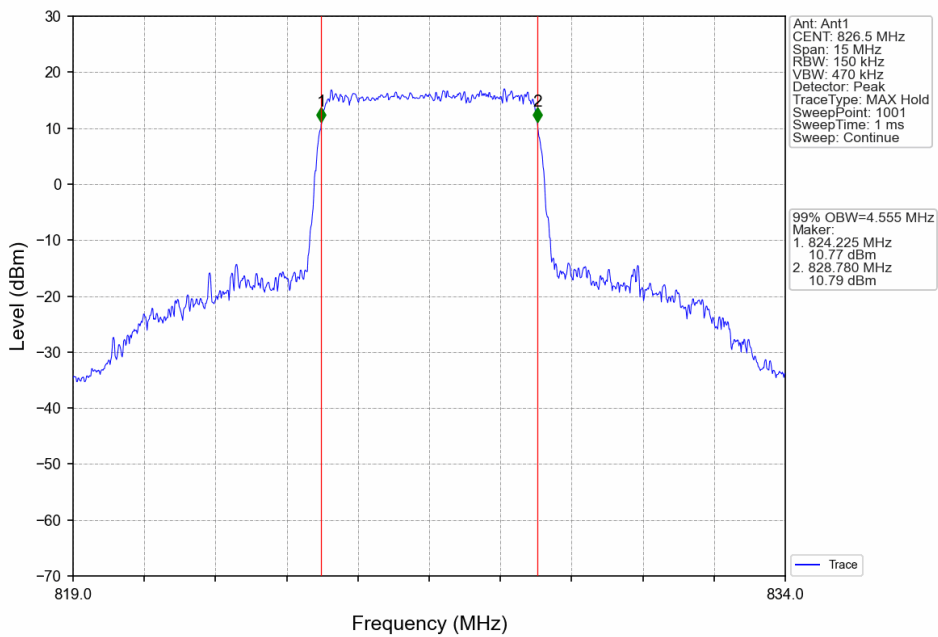
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



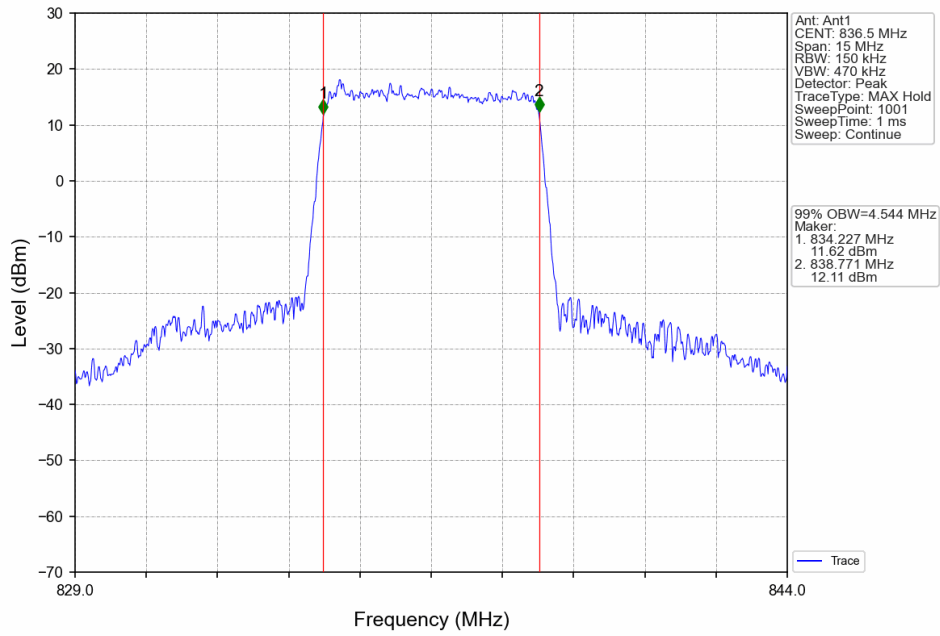
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



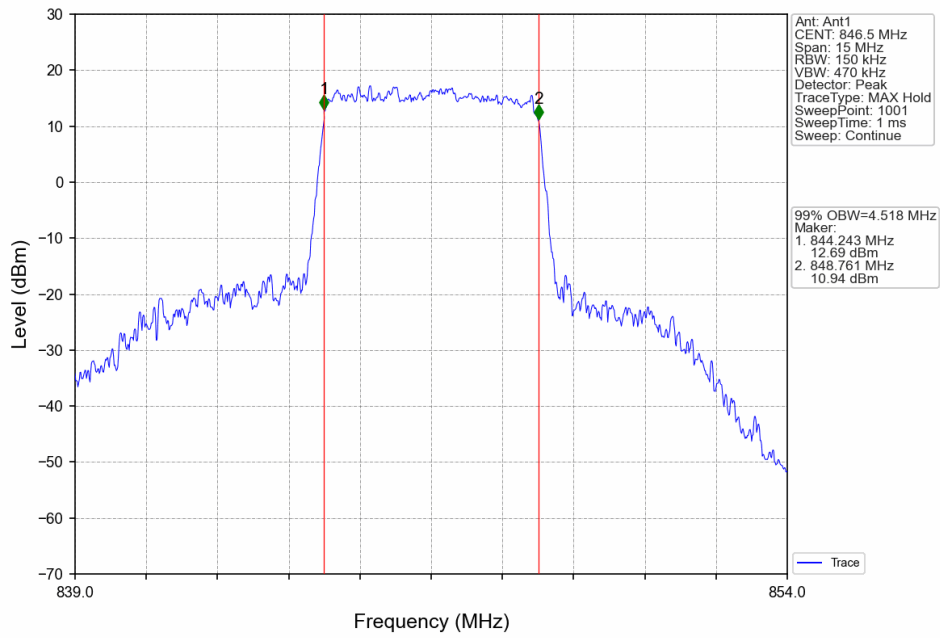
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



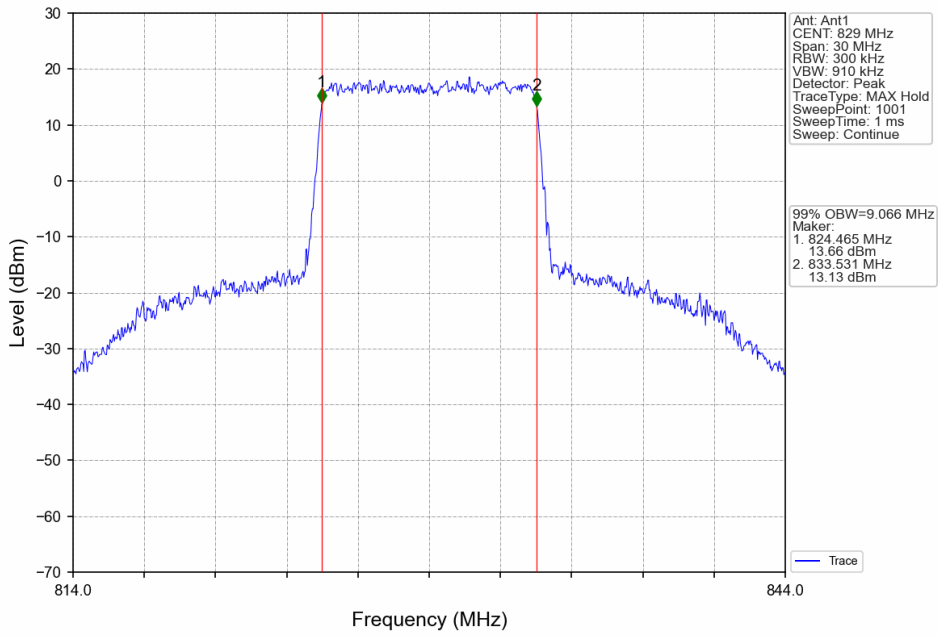
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



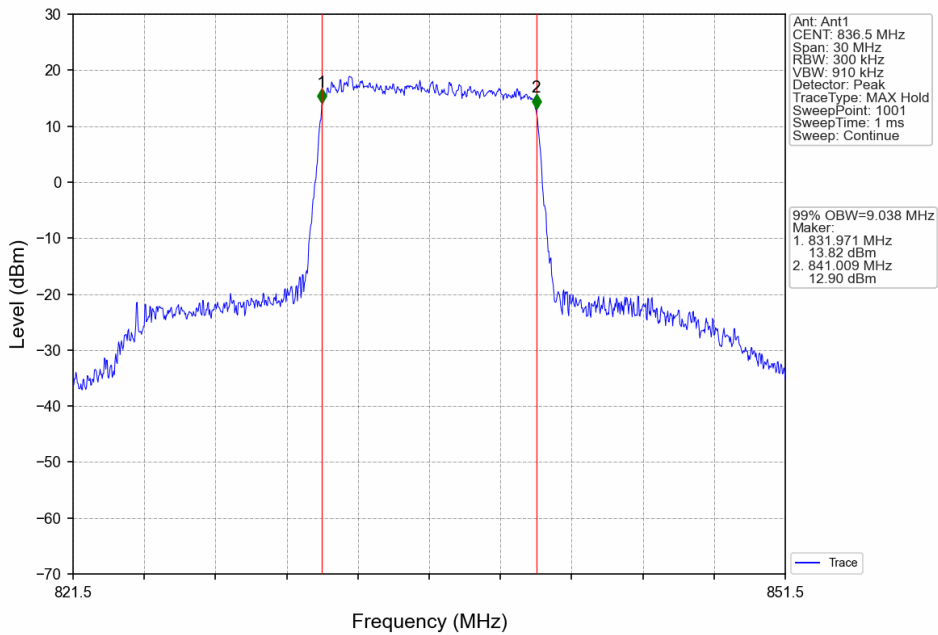
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



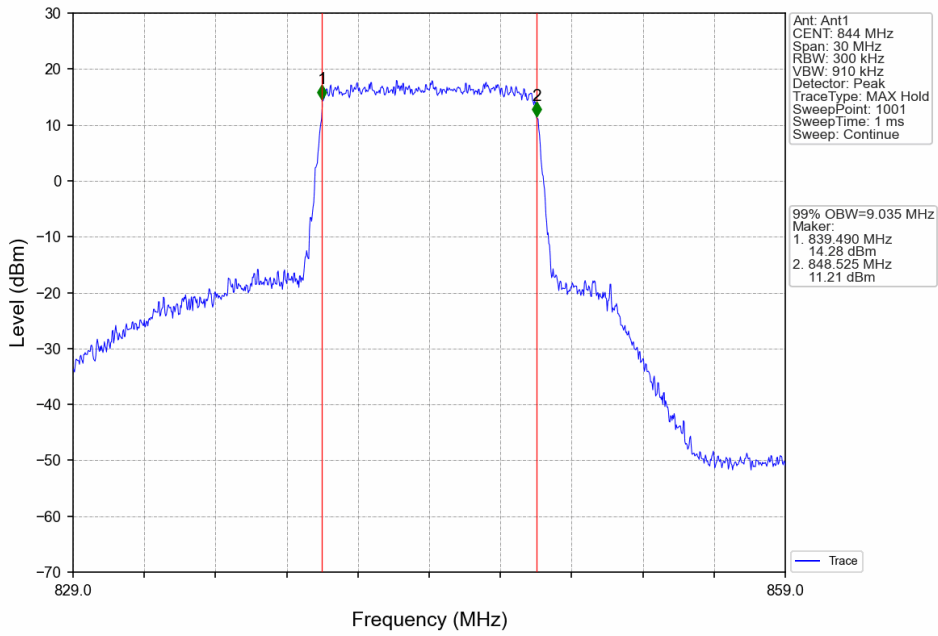
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



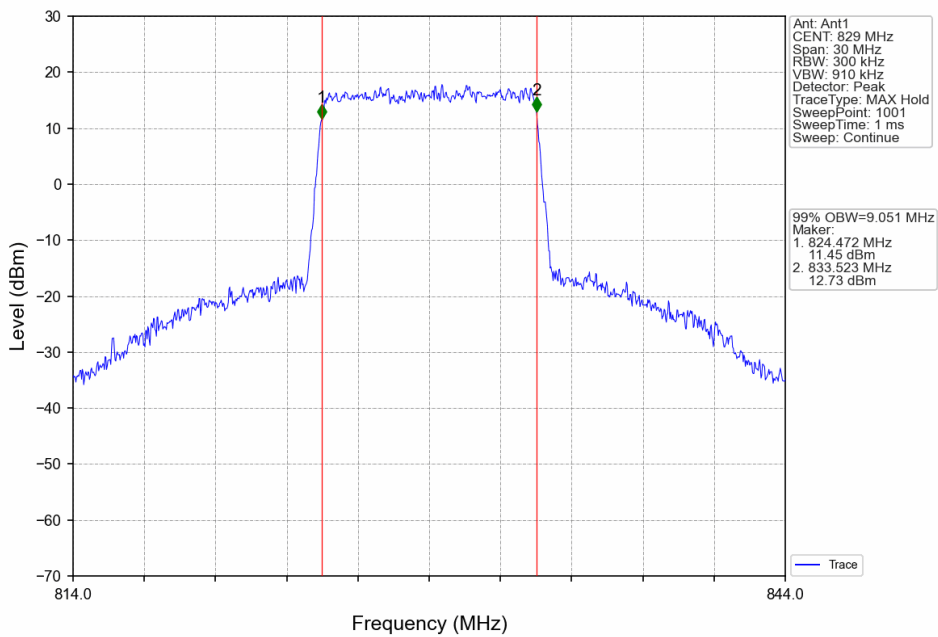
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



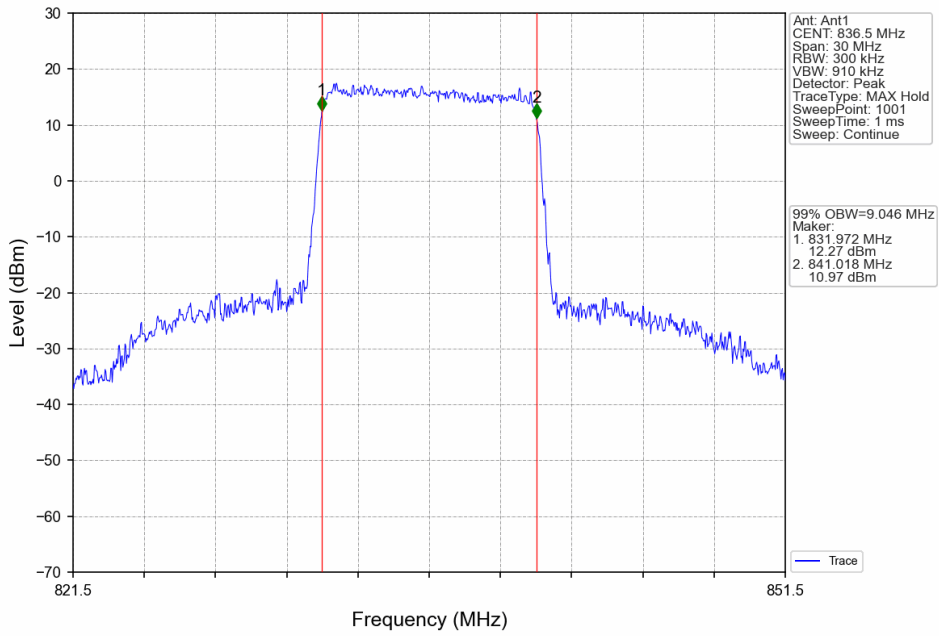
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



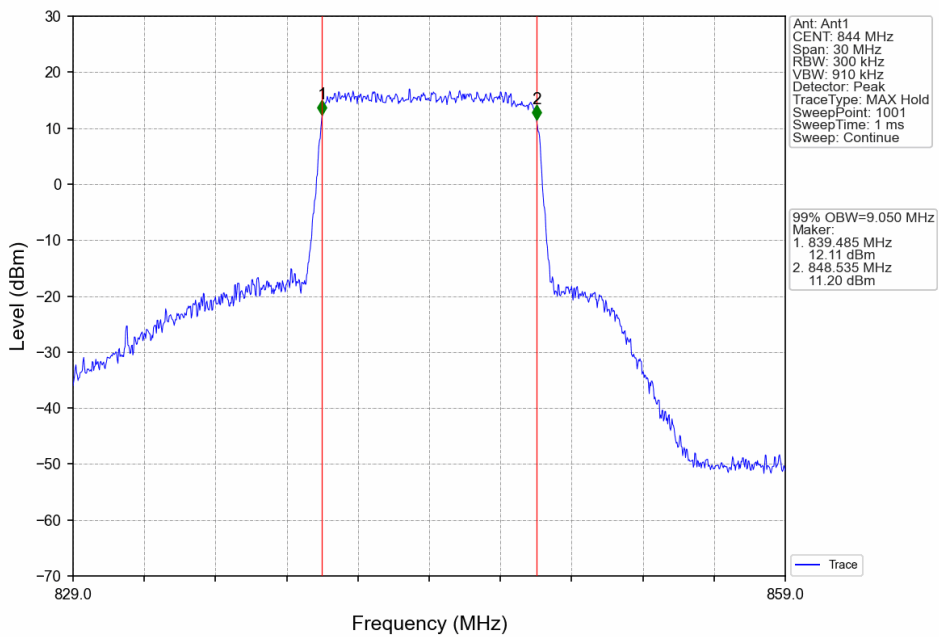
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

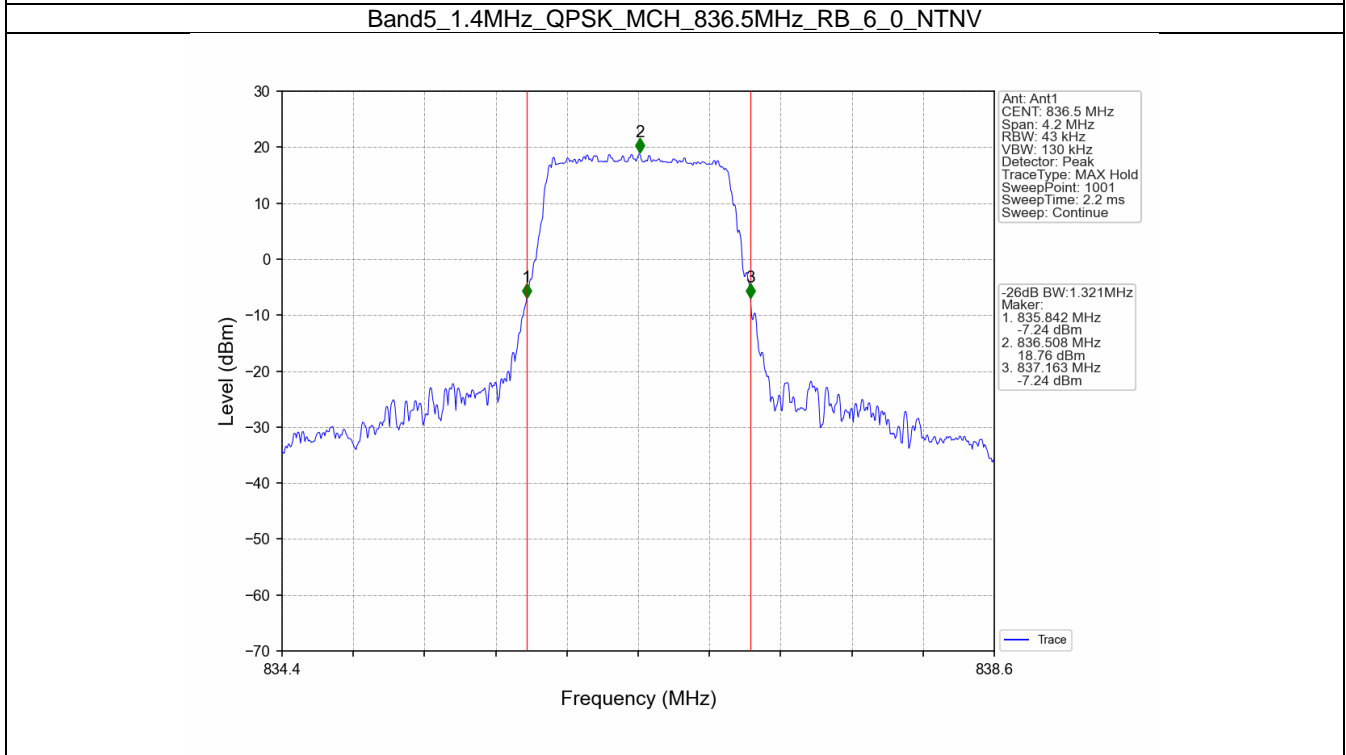
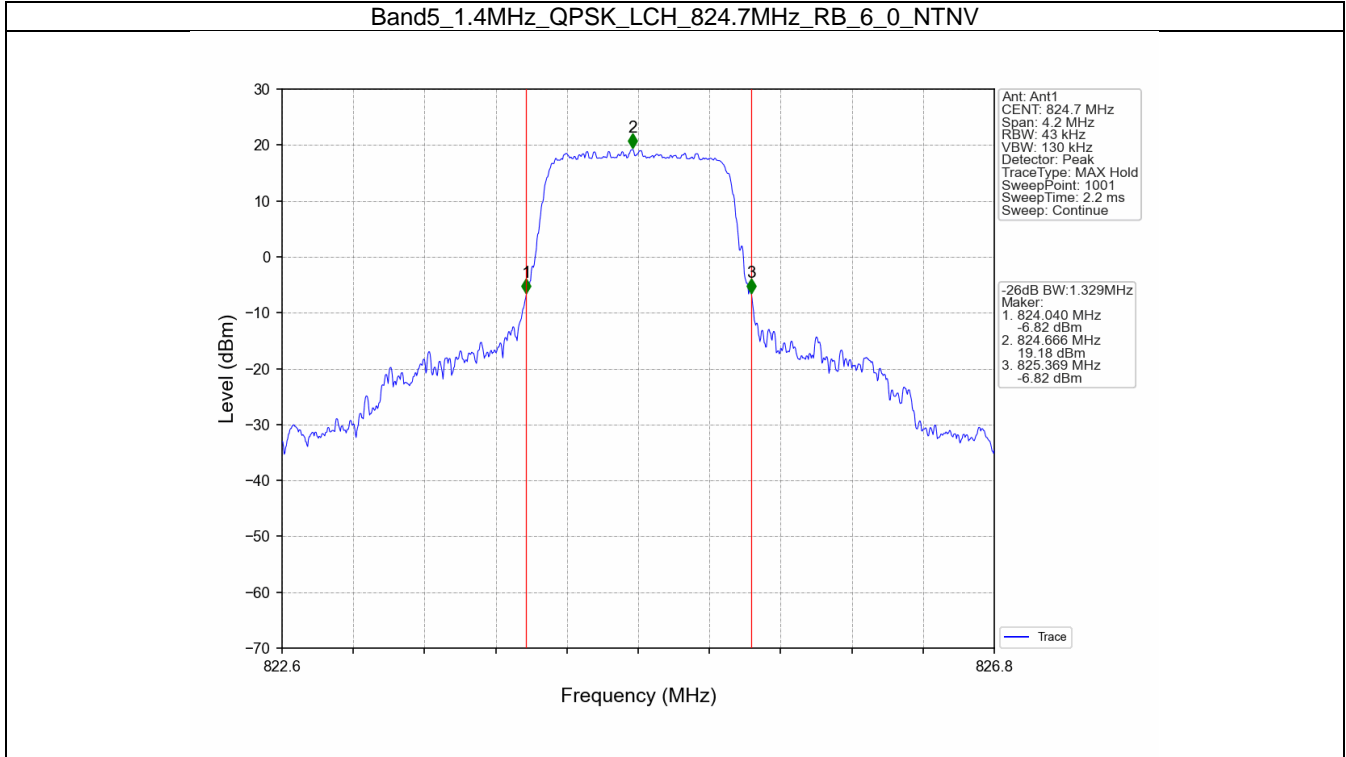


4.2 Band5_XDB

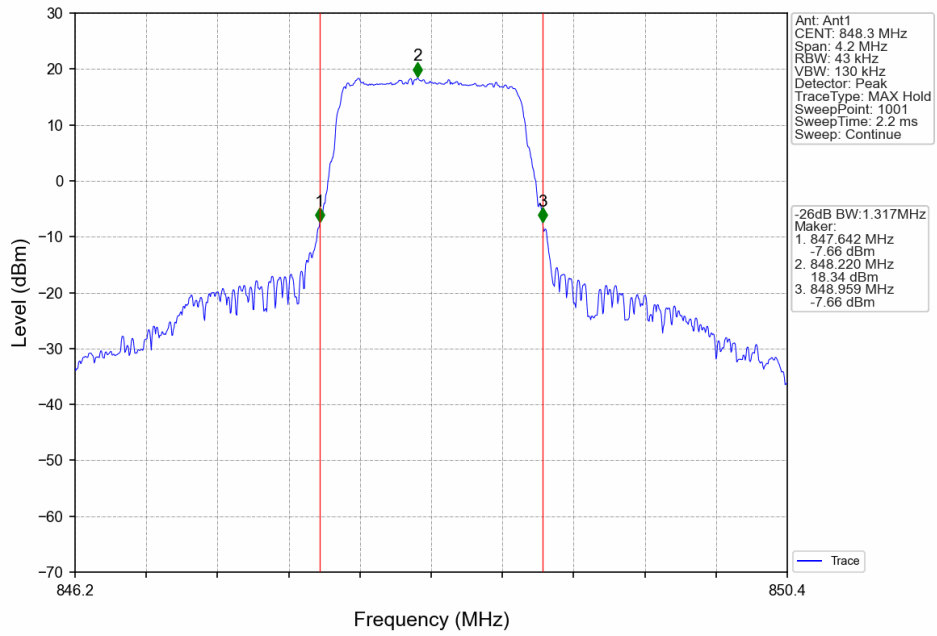
4.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.329	Pass
		836.5	6	0	1.321	Pass
		848.3	6	0	1.317	Pass
	16QAM	824.7	6	0	1.305	Pass
		836.5	6	0	1.304	Pass
		848.3	6	0	1.327	Pass
3	QPSK	825.5	15	0	2.981	Pass
		836.5	15	0	2.986	Pass
		847.5	15	0	3.000	Pass
	16QAM	825.5	15	0	2.996	Pass
		836.5	15	0	2.994	Pass
		847.5	15	0	3.002	Pass
5	QPSK	826.5	25	0	5.046	Pass
		836.5	25	0	5.011	Pass
		846.5	25	0	5.021	Pass
	16QAM	826.5	25	0	5.043	Pass
		836.5	25	0	5.016	Pass
		846.5	25	0	4.989	Pass
10	QPSK	829	50	0	9.950	Pass
		836.5	50	0	9.885	Pass
		844	50	0	9.992	Pass
	16QAM	829	50	0	9.935	Pass
		836.5	50	0	9.882	Pass
		844	50	0	9.878	Pass

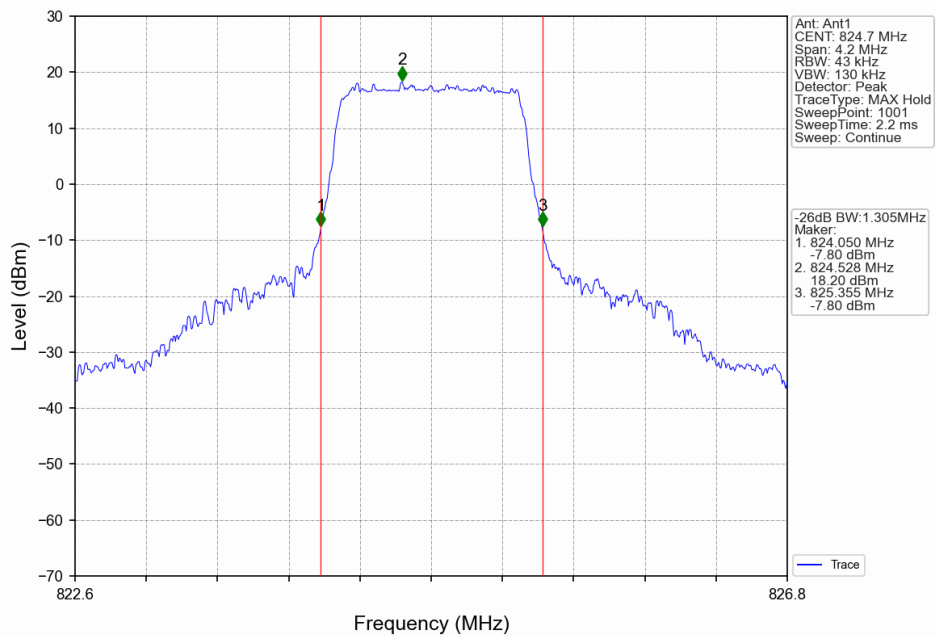
4.2.2 Test Graph



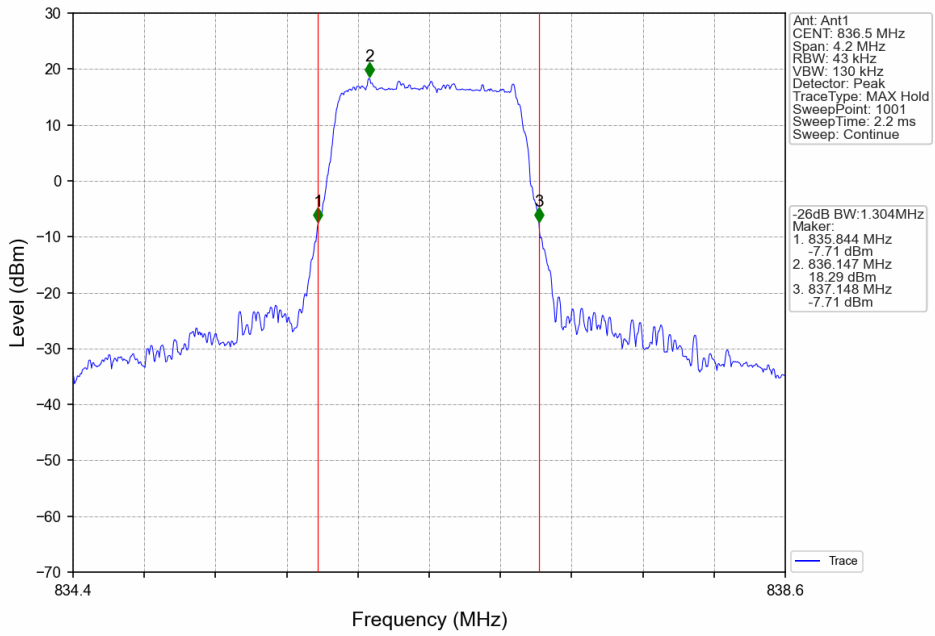
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



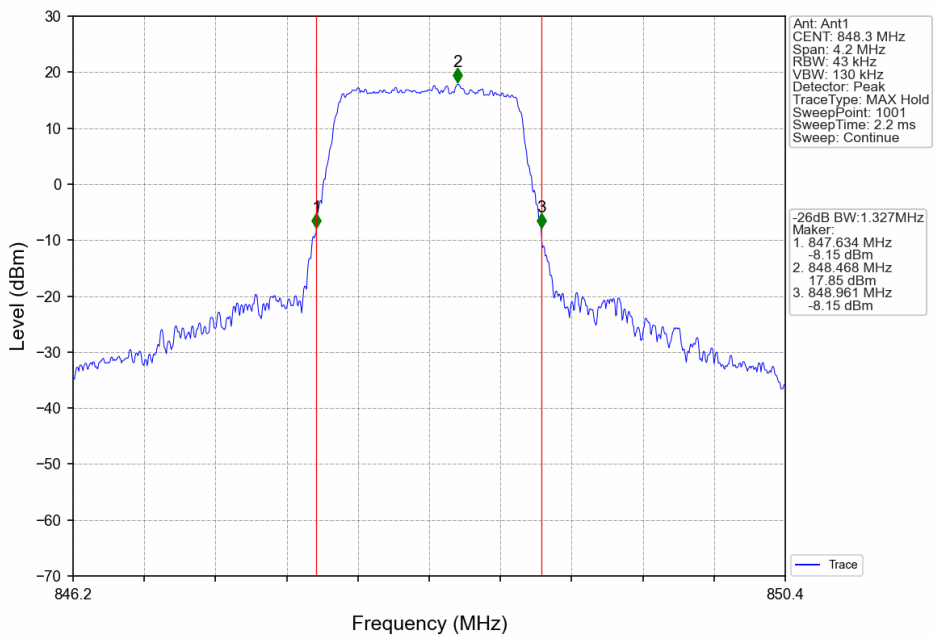
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



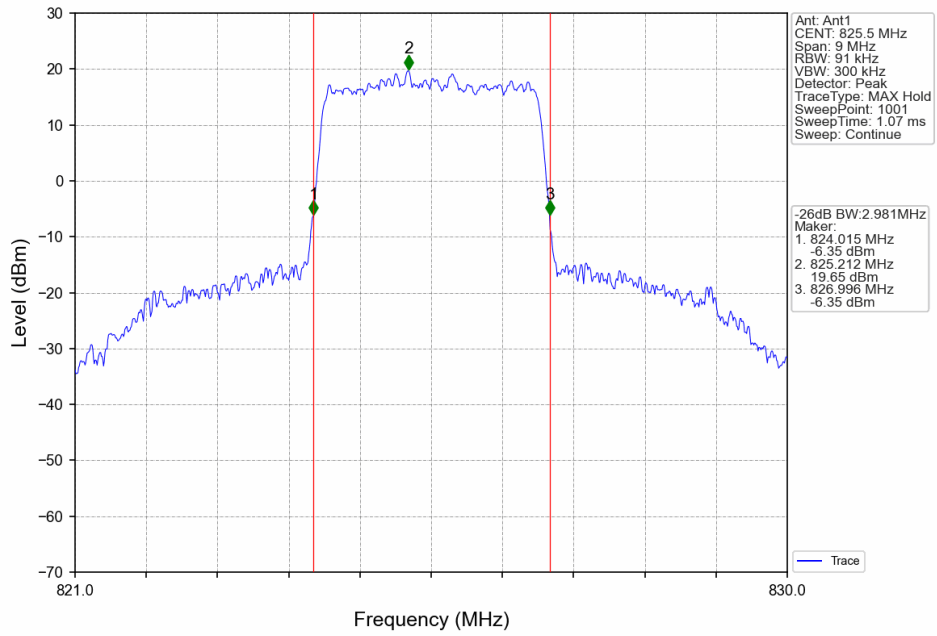
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



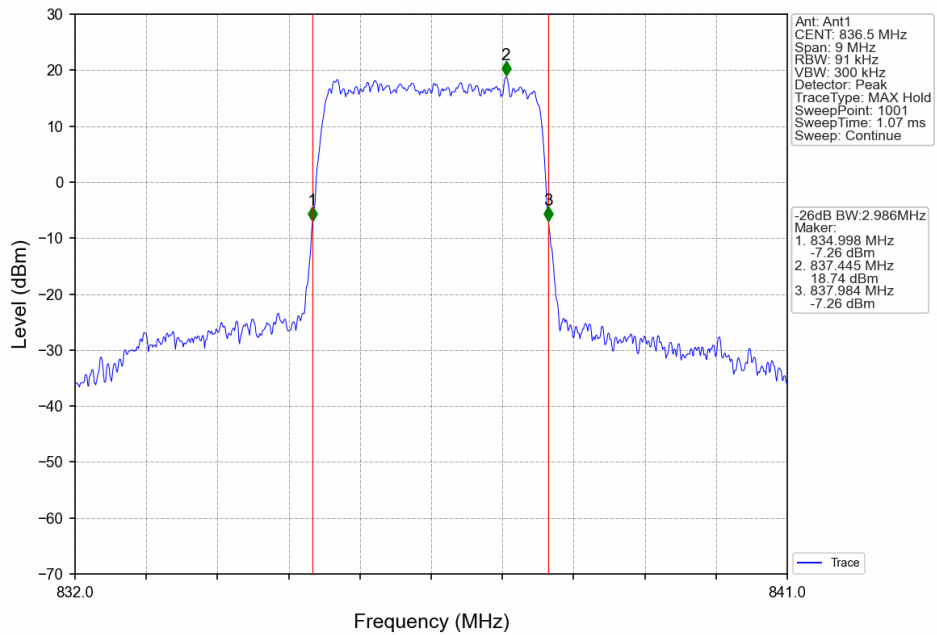
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



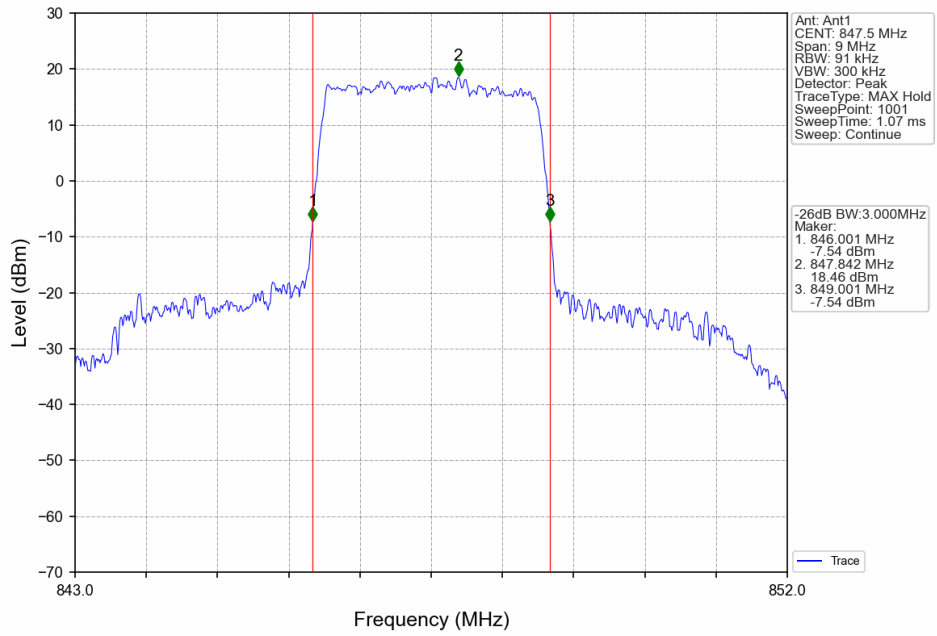
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



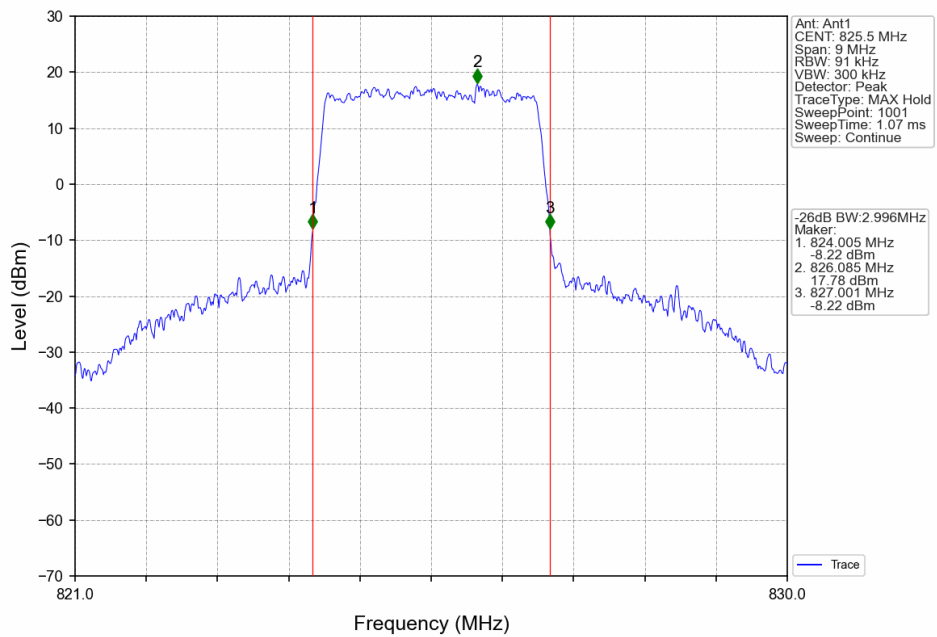
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



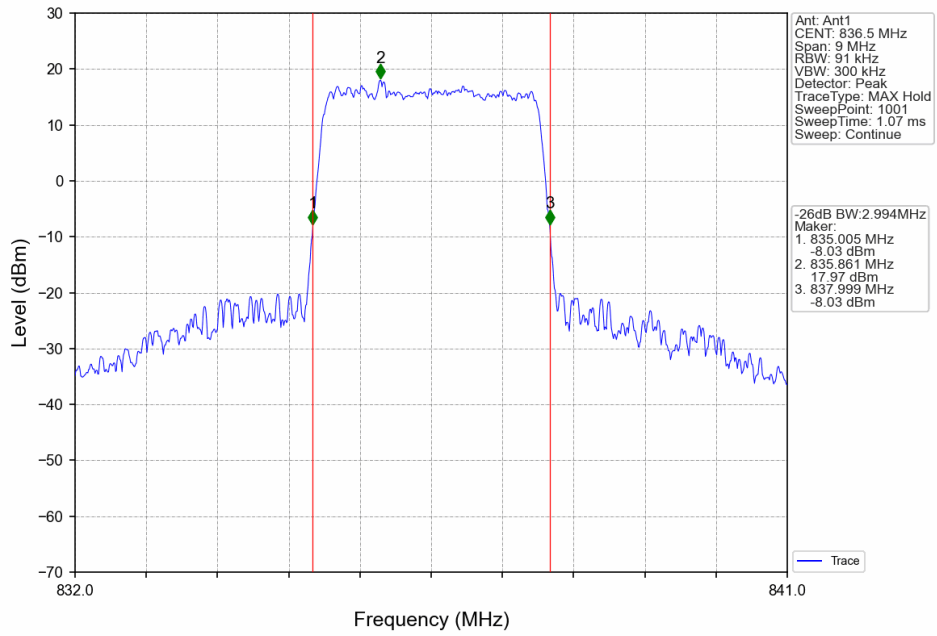
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



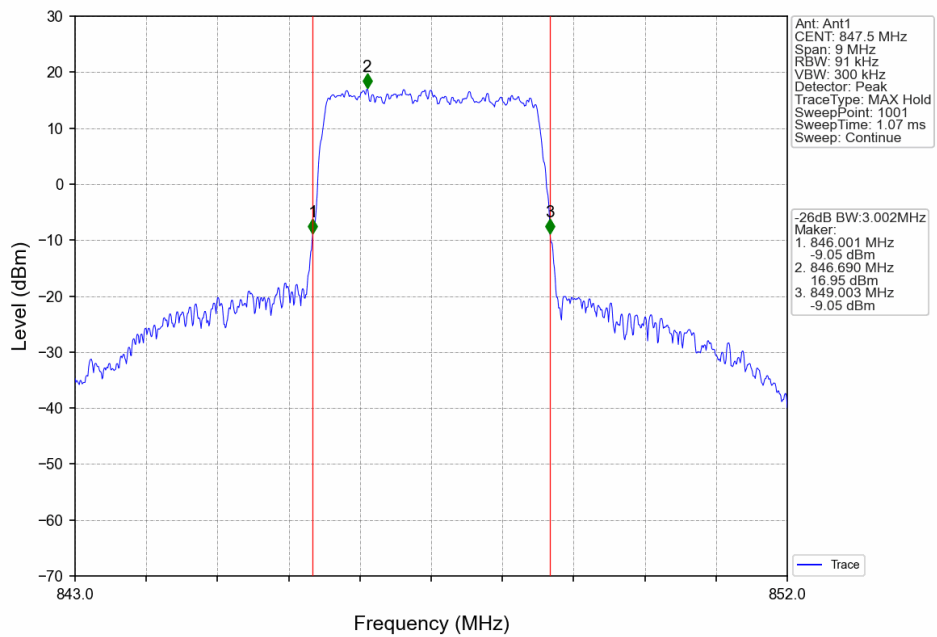
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



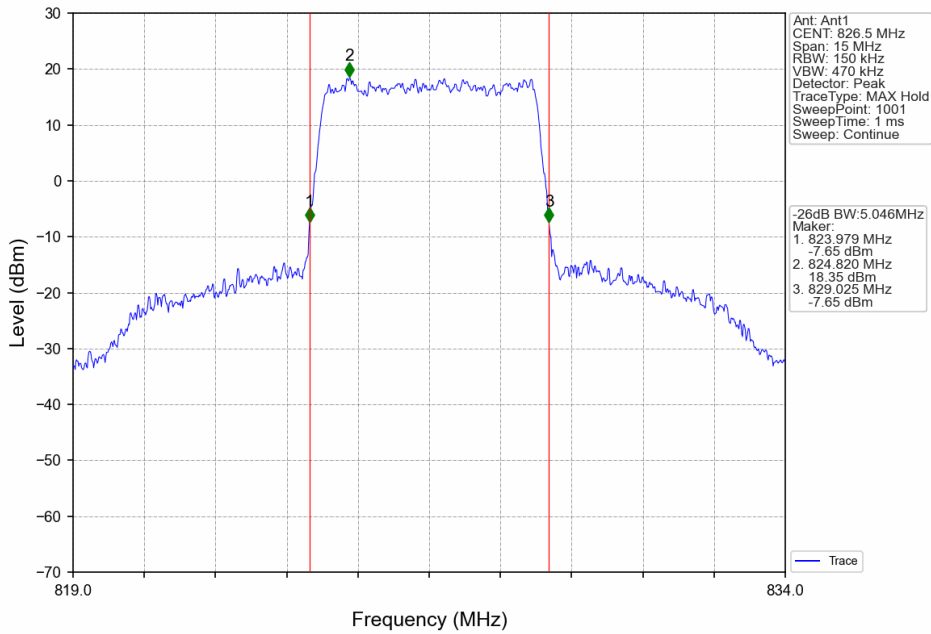
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



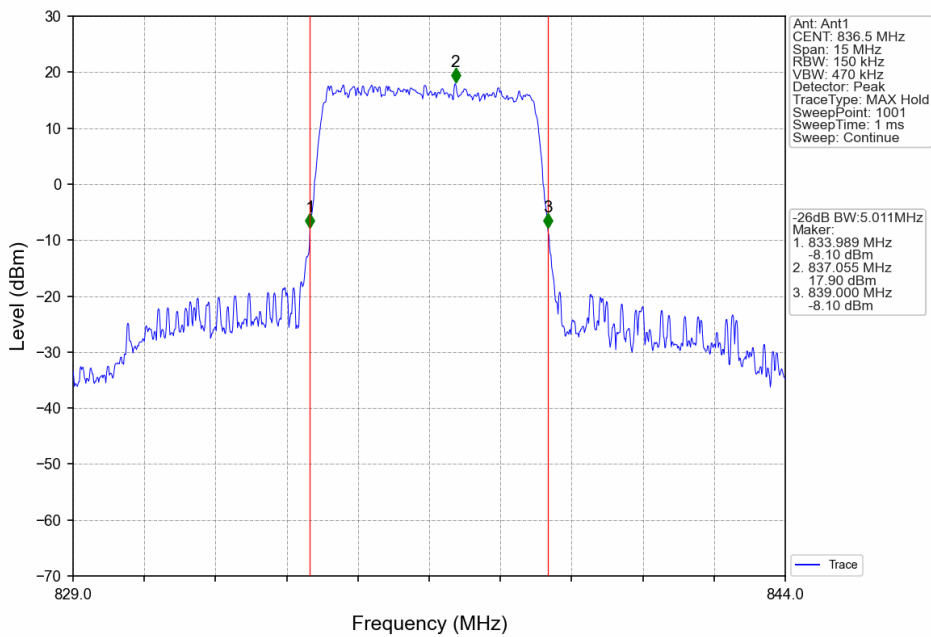
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



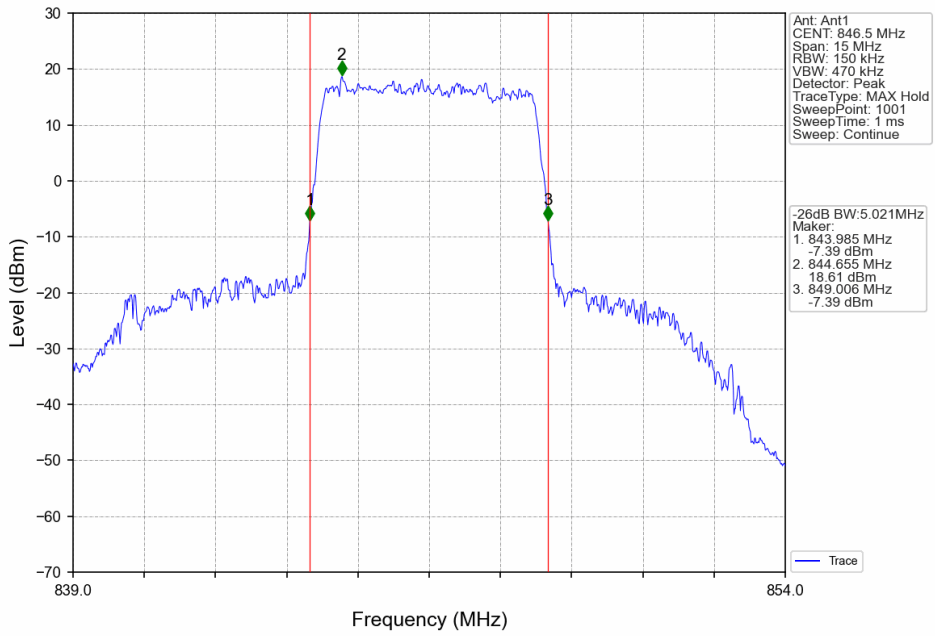
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



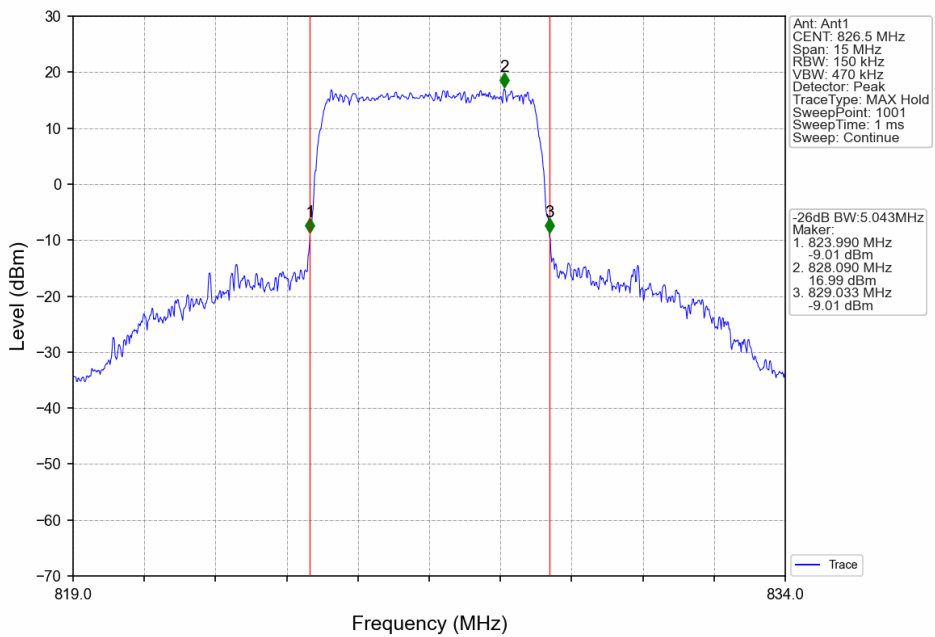
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



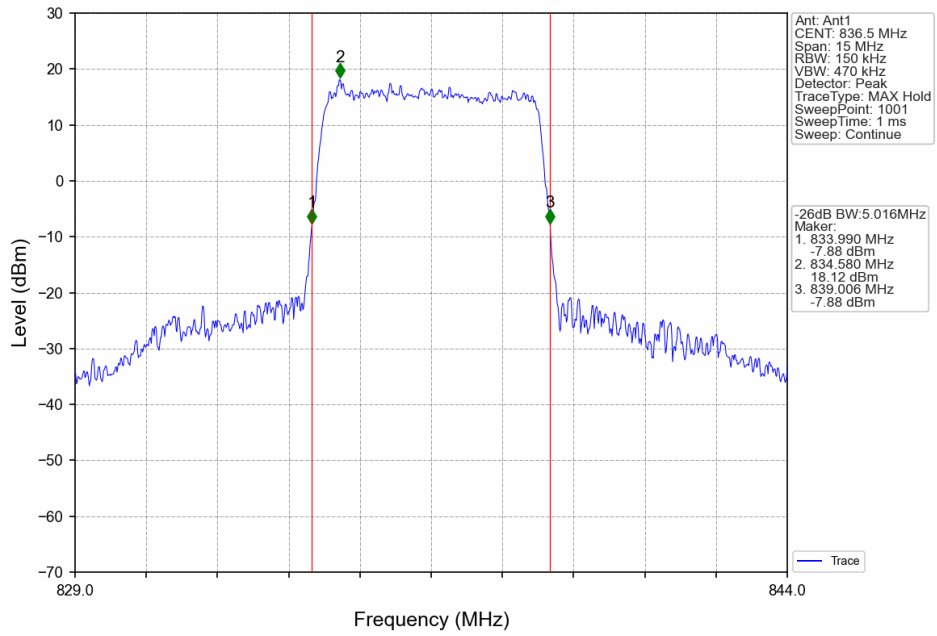
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



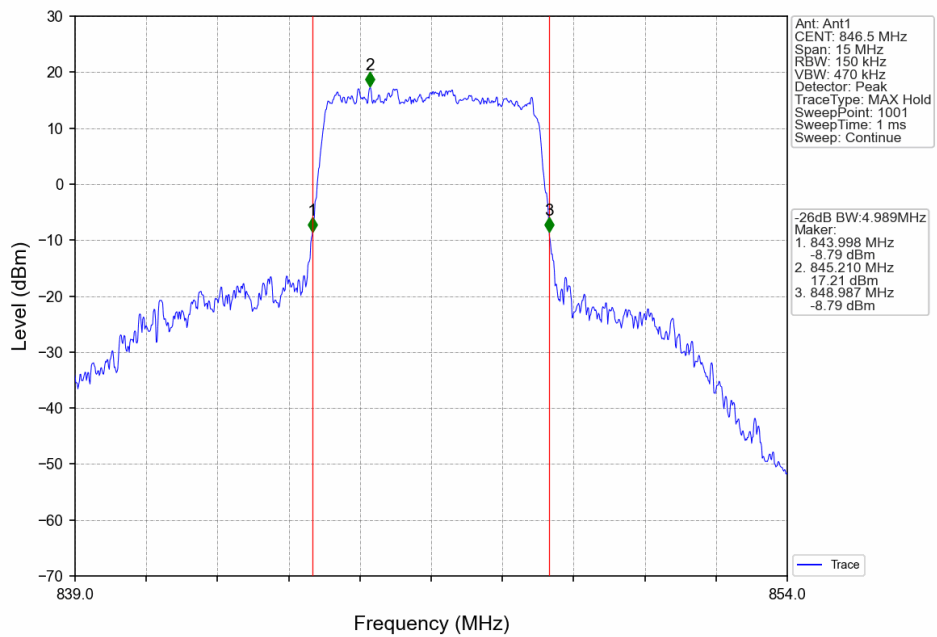
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



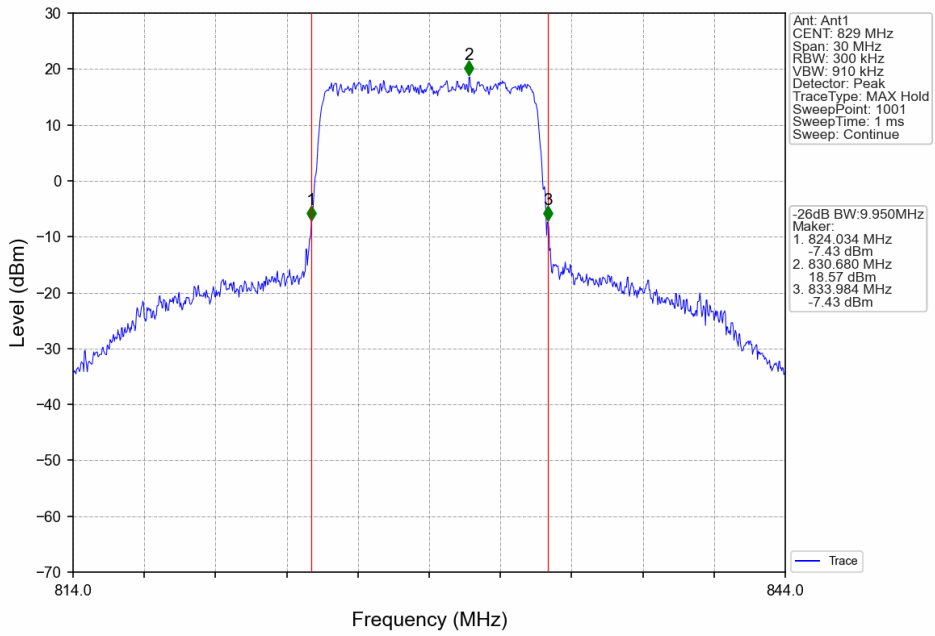
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



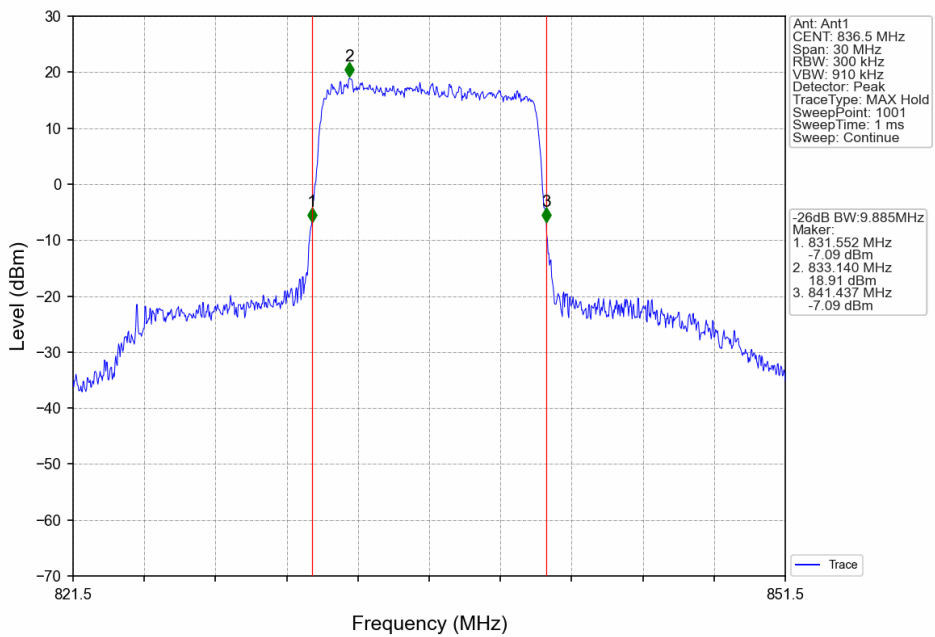
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



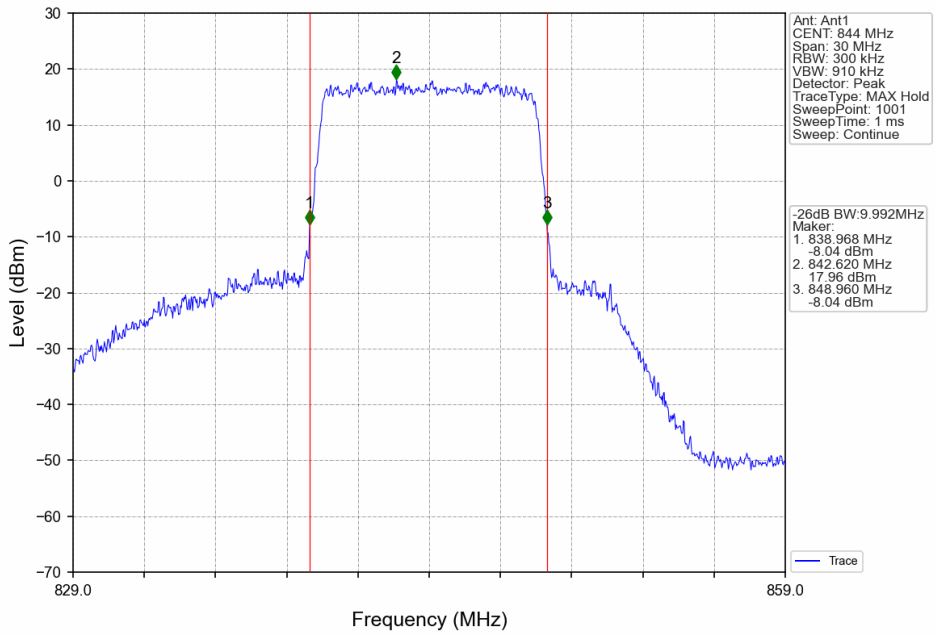
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



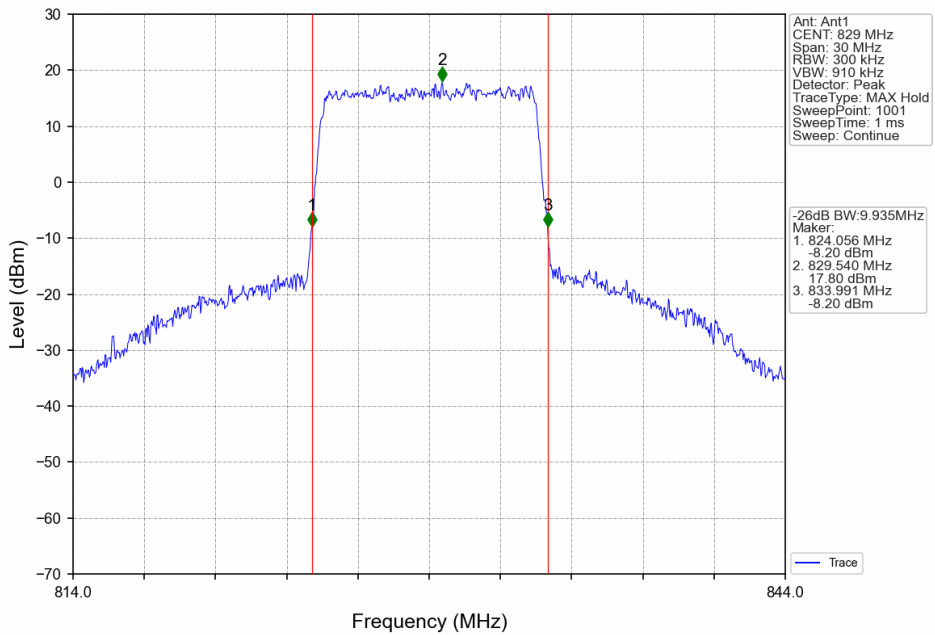
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



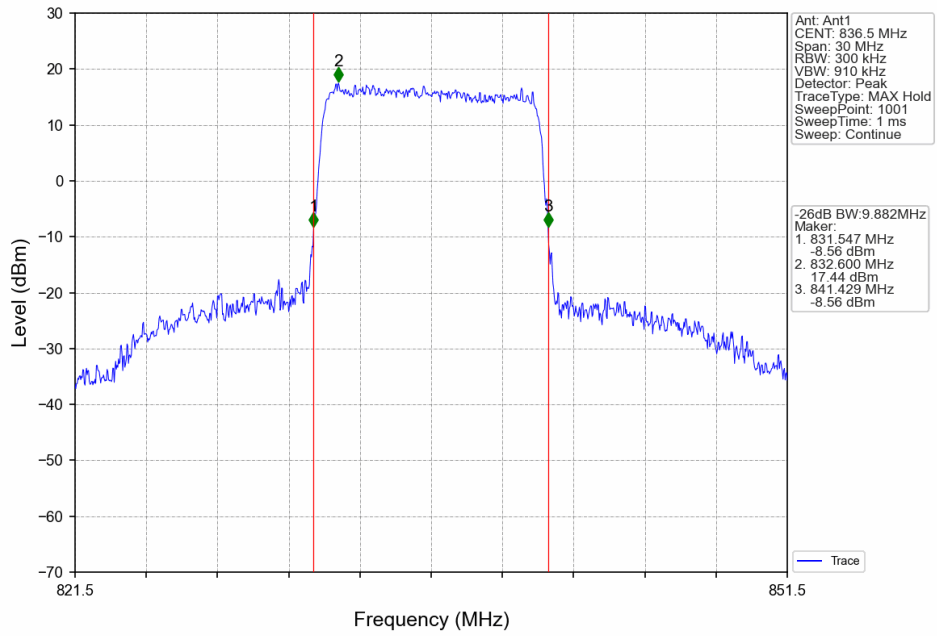
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



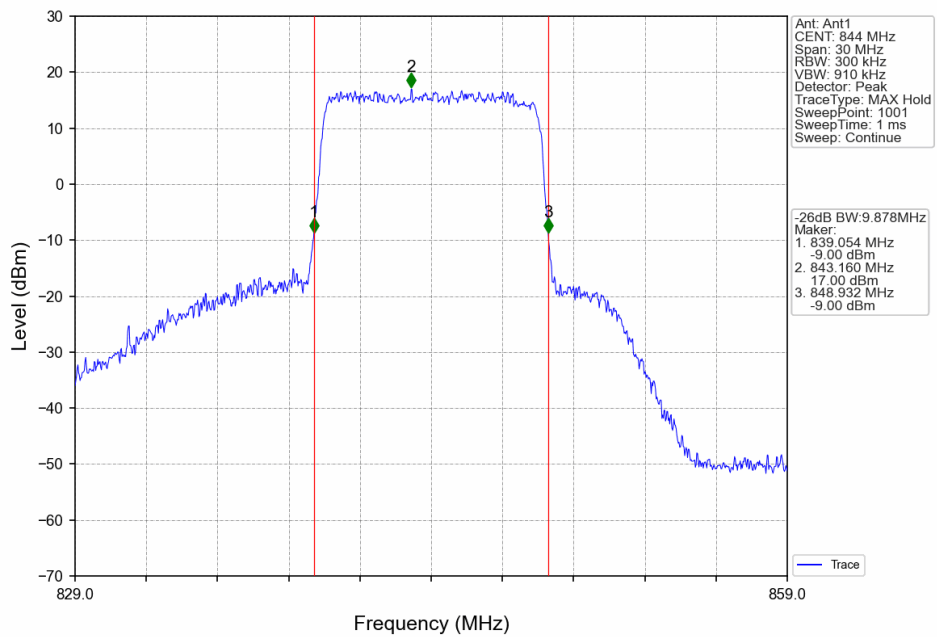
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



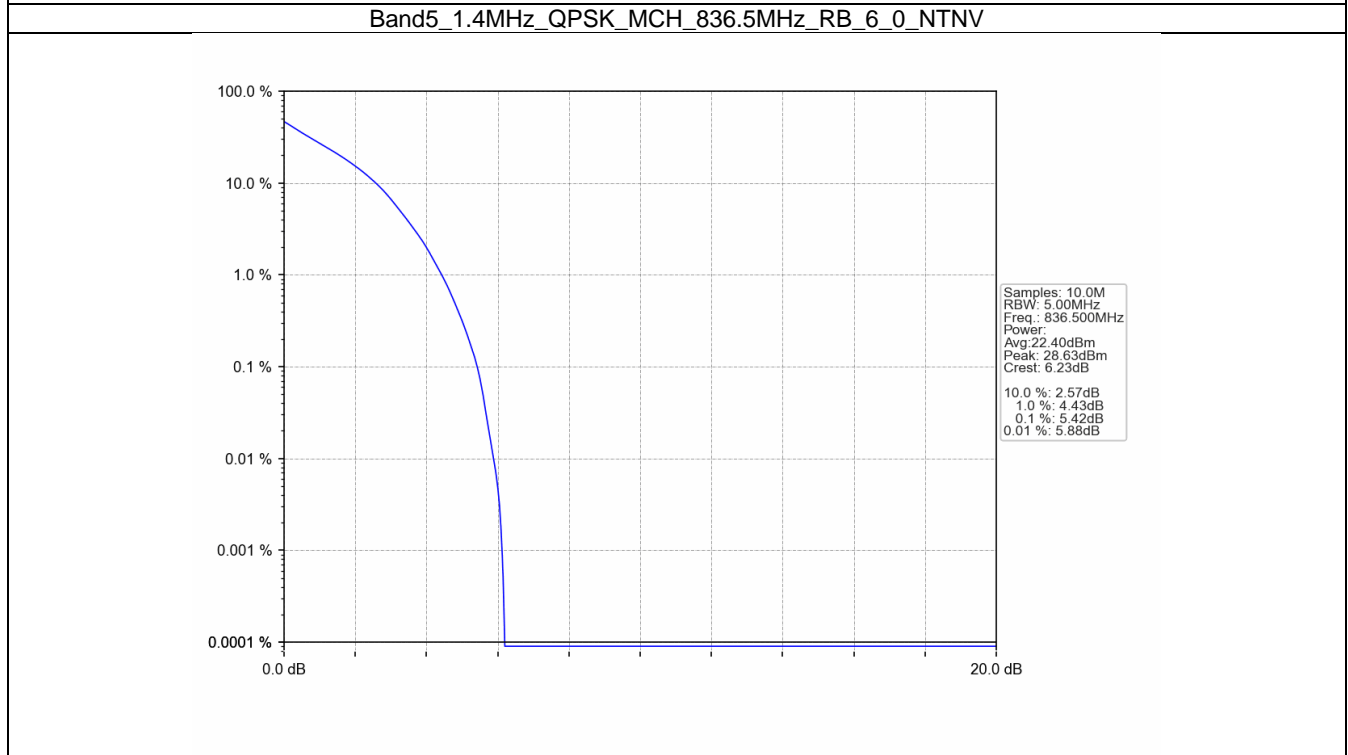
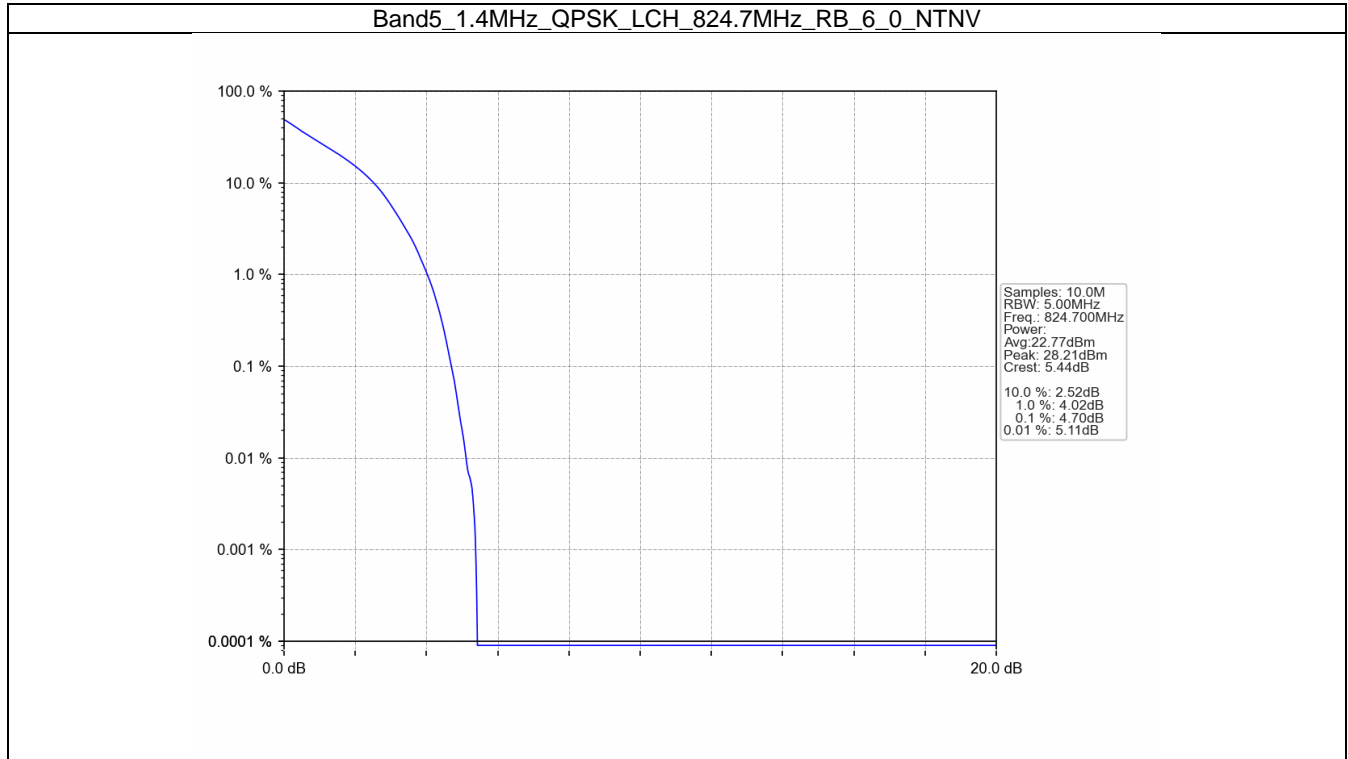
5. Peak-Average Ratio

5.1 B5_1.4MHz

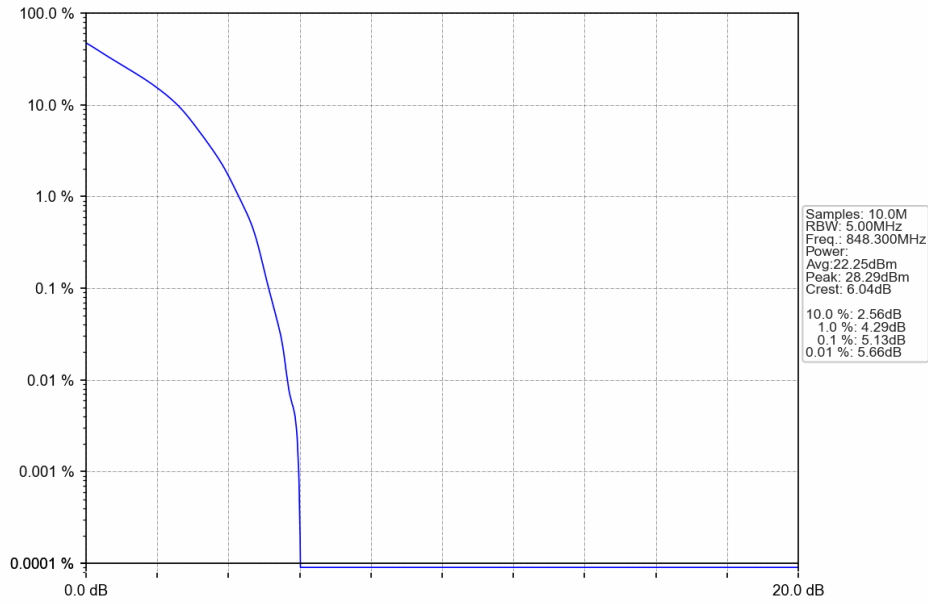
5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.70	<=13	Pass
	836.5	6	0	5.42	<=13	Pass
	848.3	6	0	5.13	<=13	Pass
16QAM	824.7	6	0	5.51	<=13	Pass
	836.5	6	0	6.17	<=13	Pass
	848.3	6	0	6.02	<=13	Pass

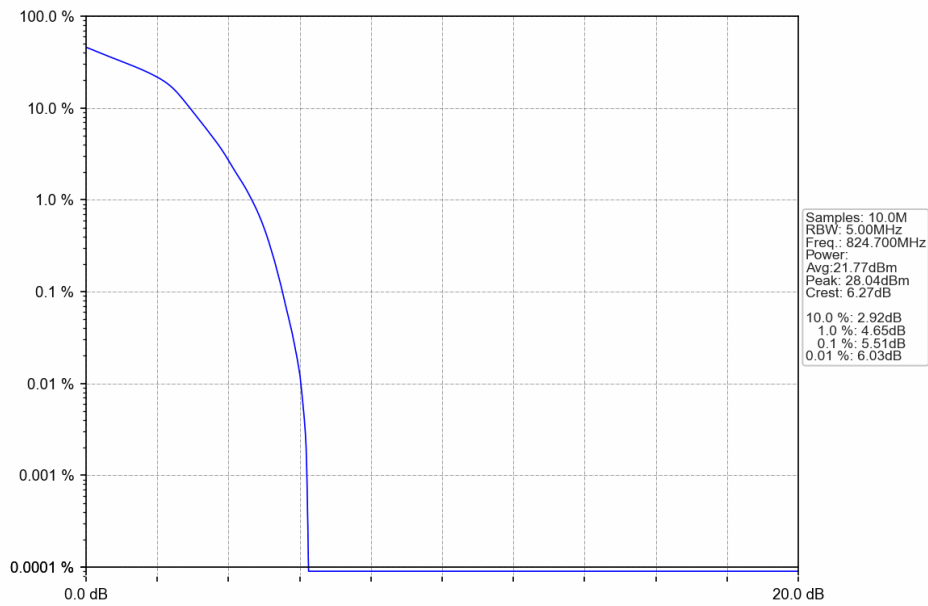
5.1.2 Test Graph



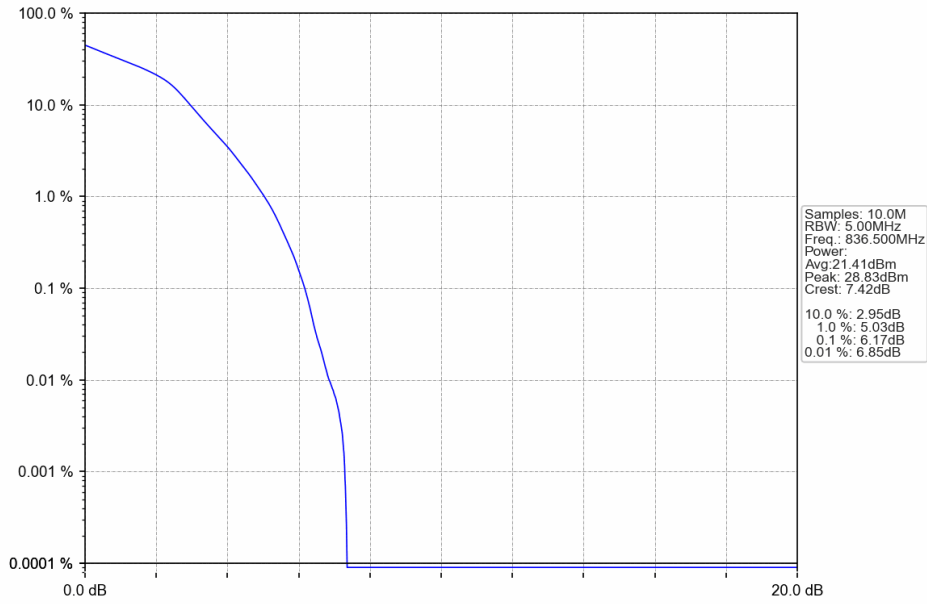
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



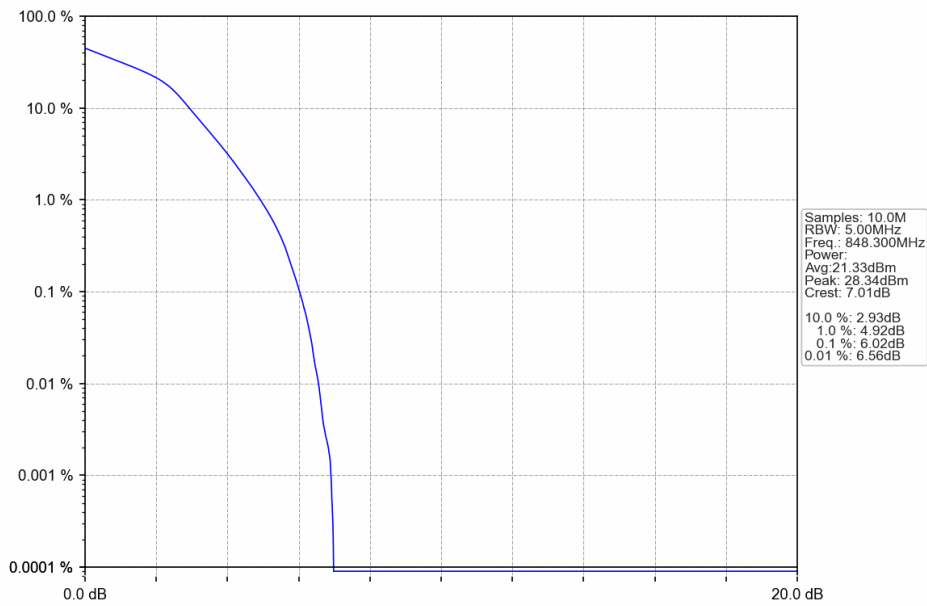
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

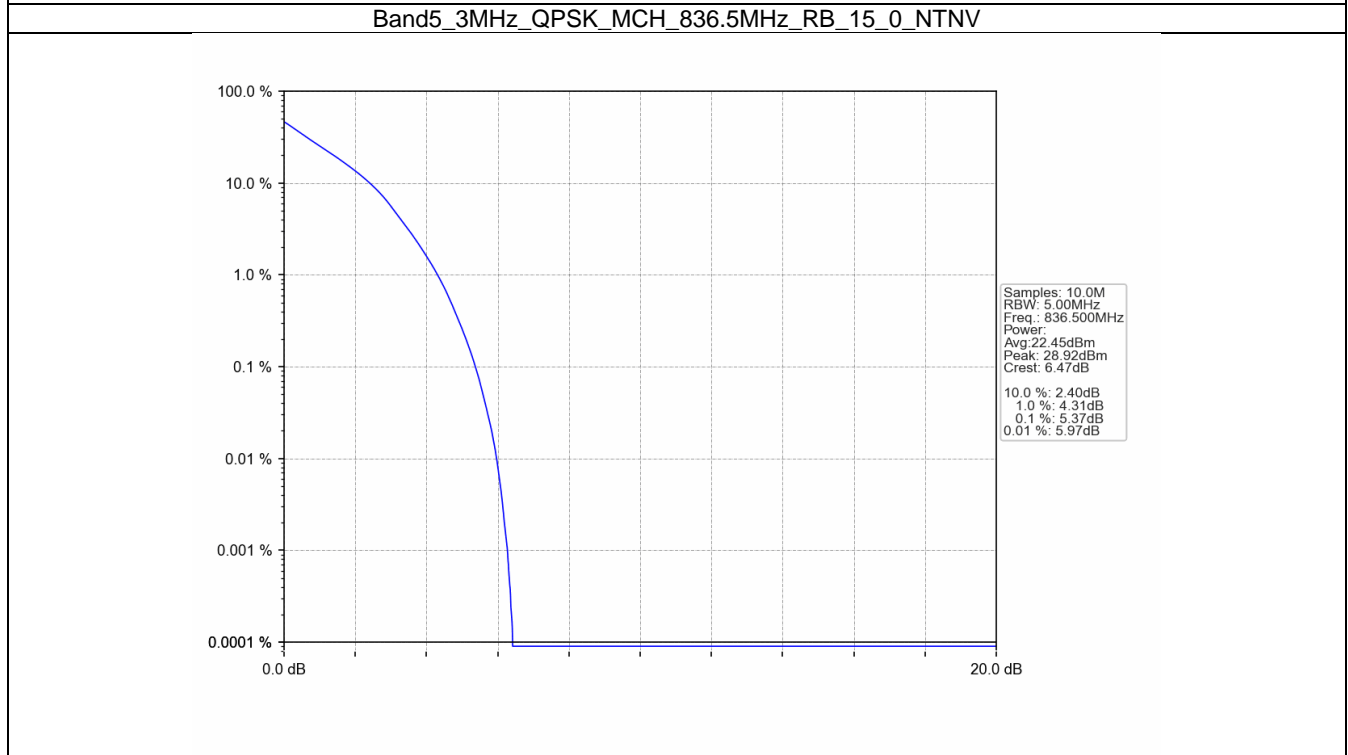
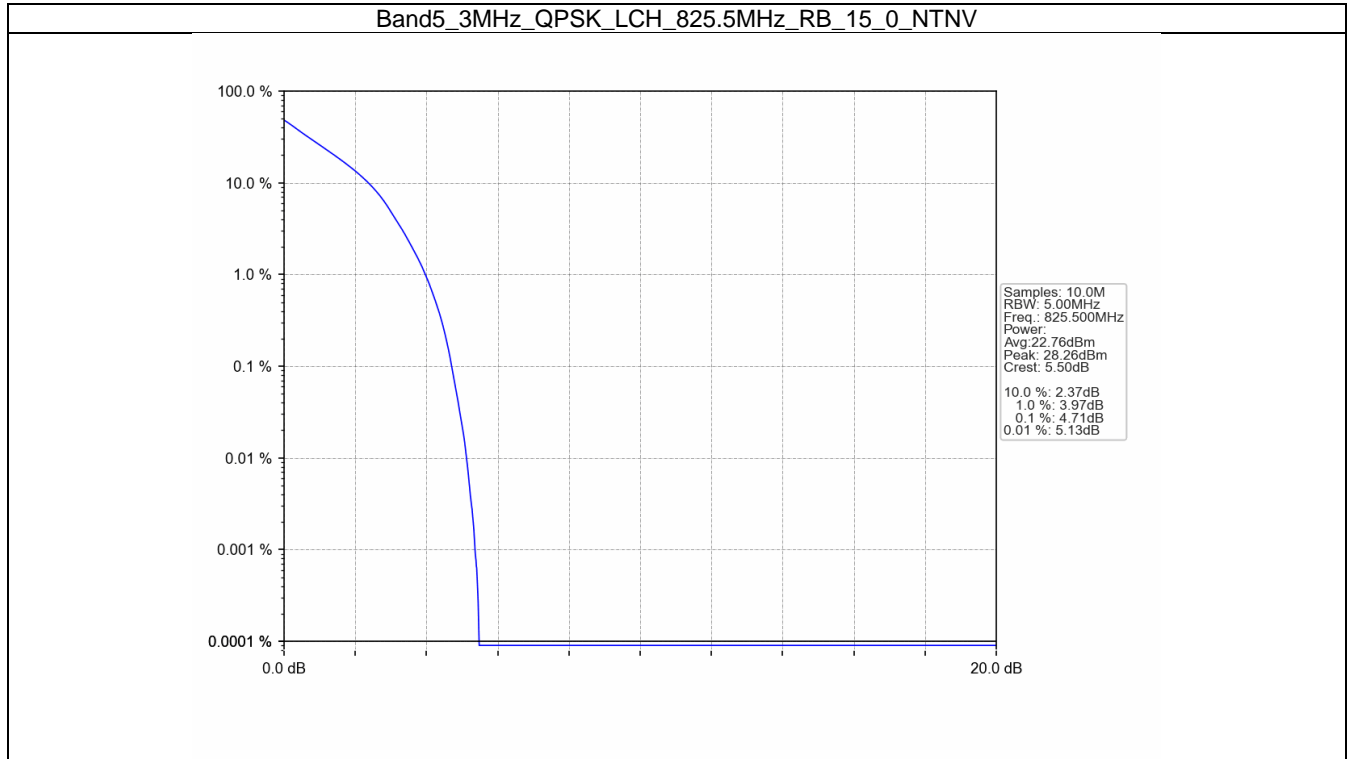


5.2 B5_3MHz

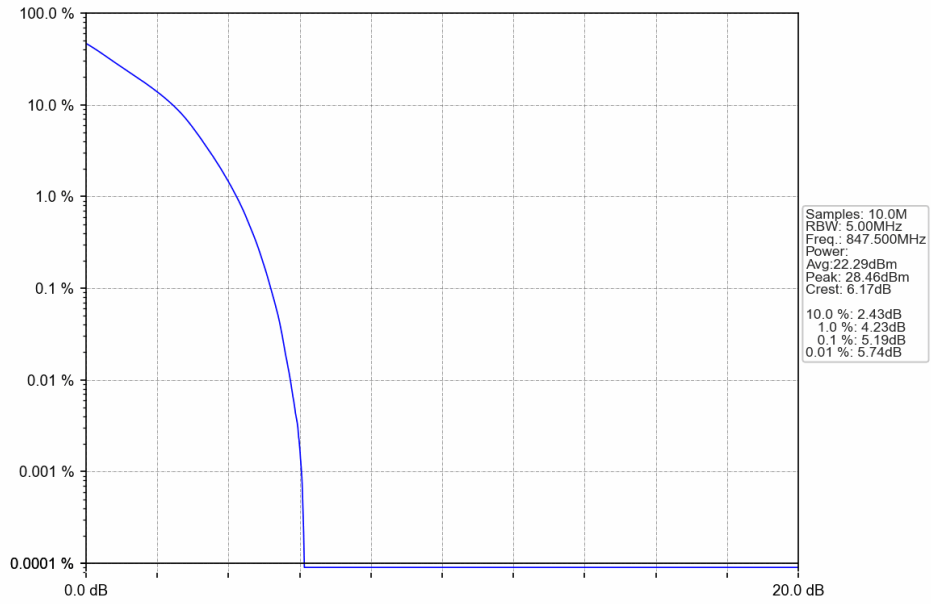
5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.71	<=13	Pass
	836.5	15	0	5.37	<=13	Pass
	847.5	15	0	5.19	<=13	Pass
16QAM	825.5	15	0	5.52	<=13	Pass
	836.5	15	0	6.20	<=13	Pass
	847.5	15	0	6.02	<=13	Pass

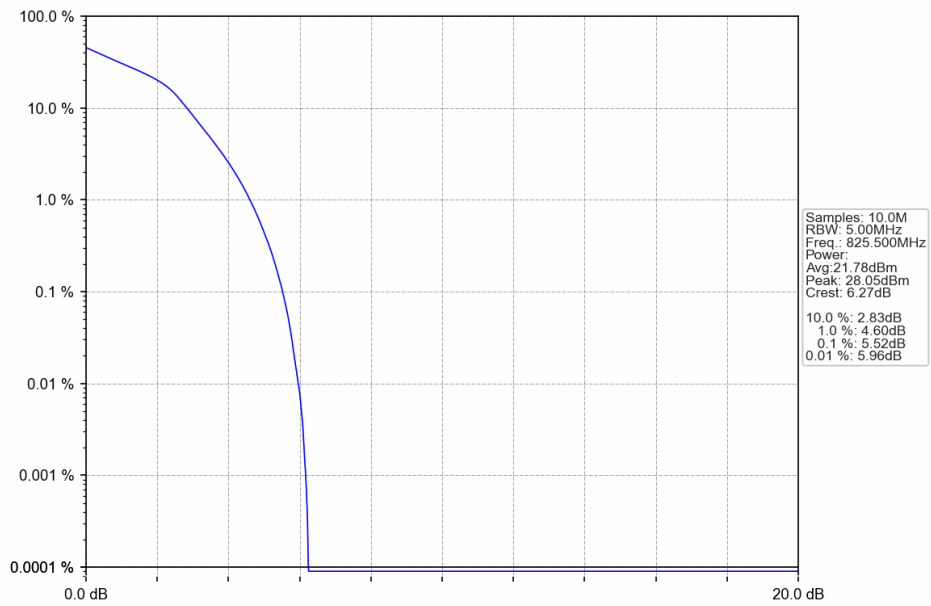
5.2.2 Test Graph



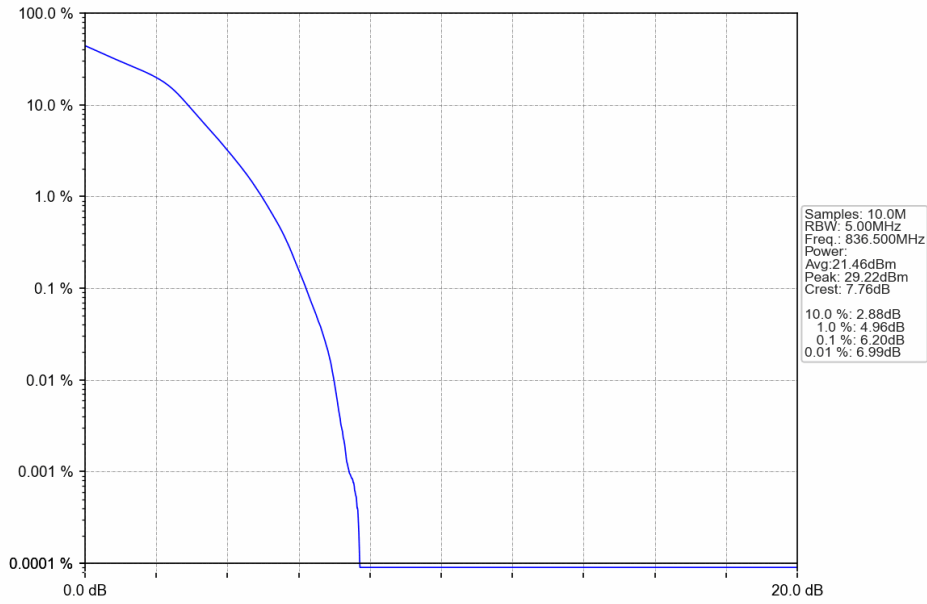
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



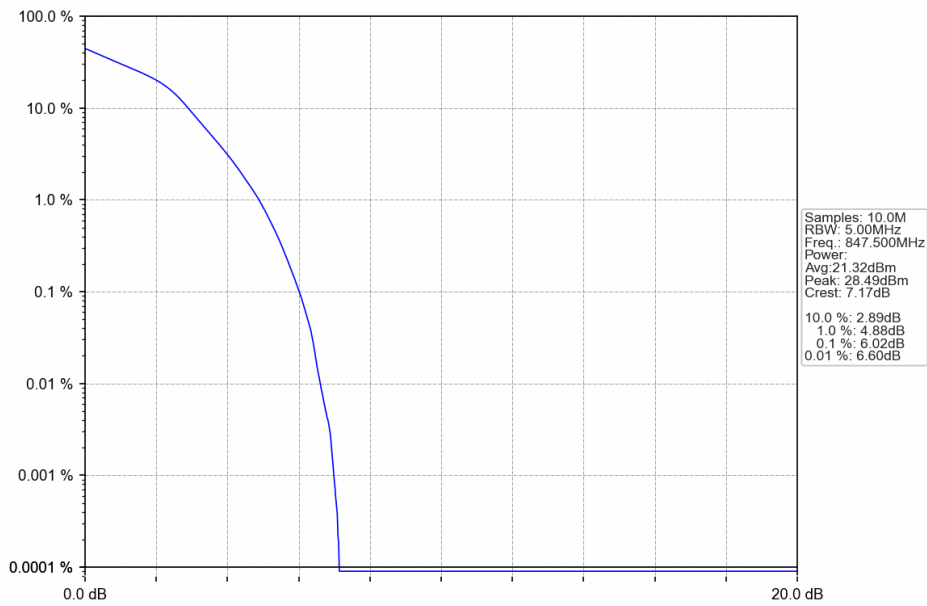
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

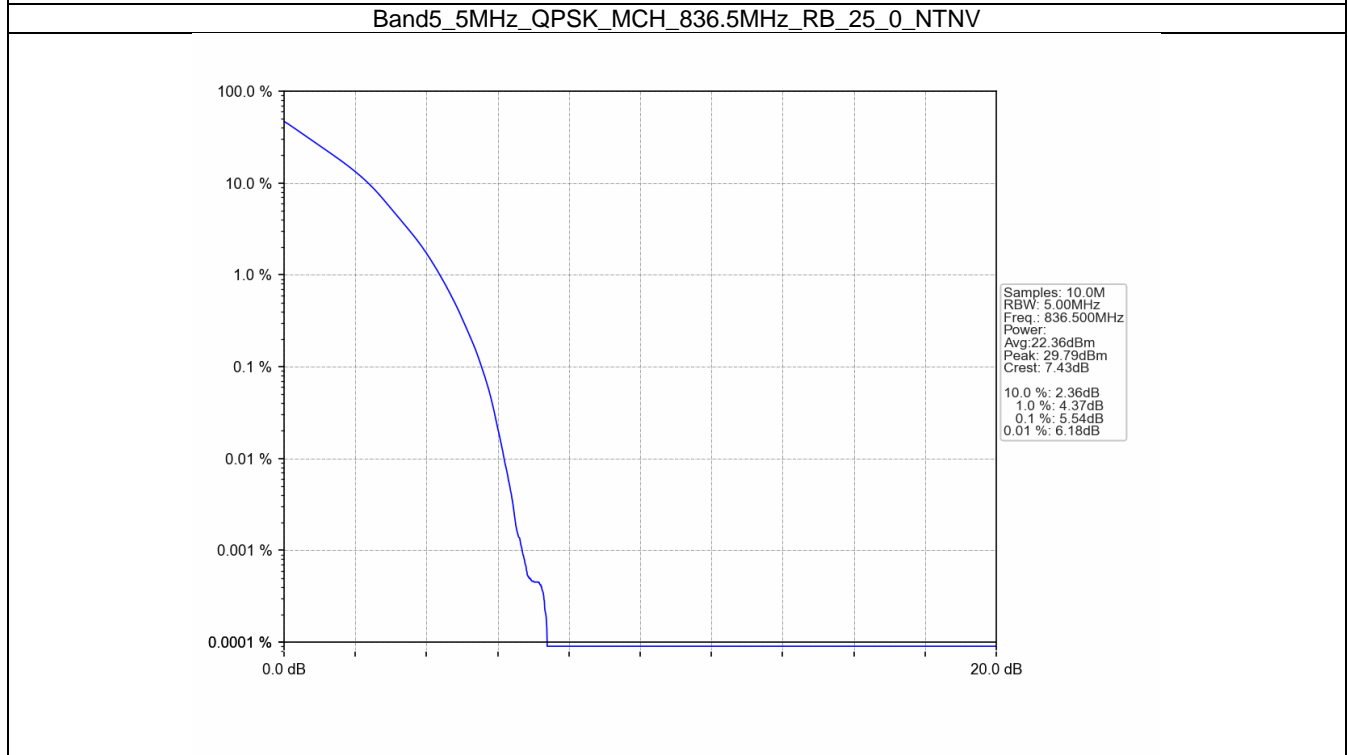
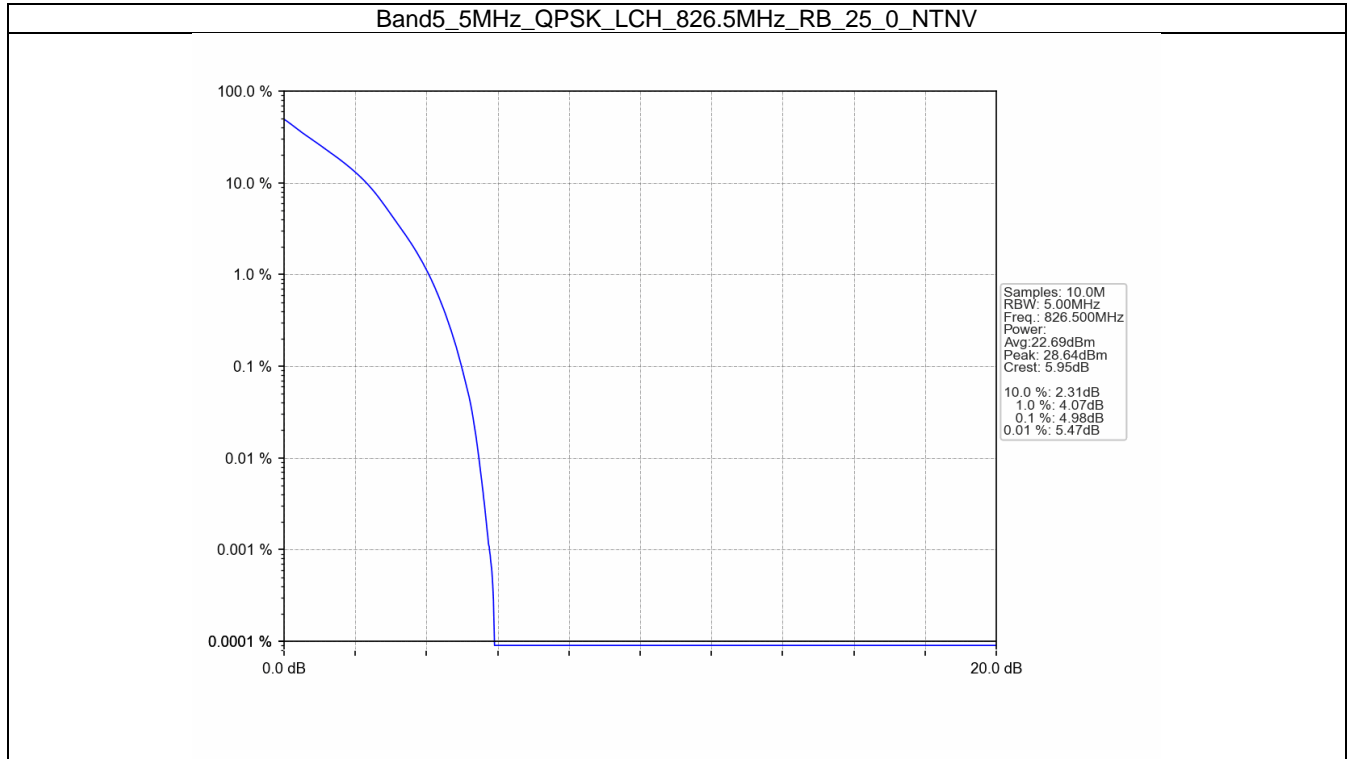


5.3 B5_5MHz

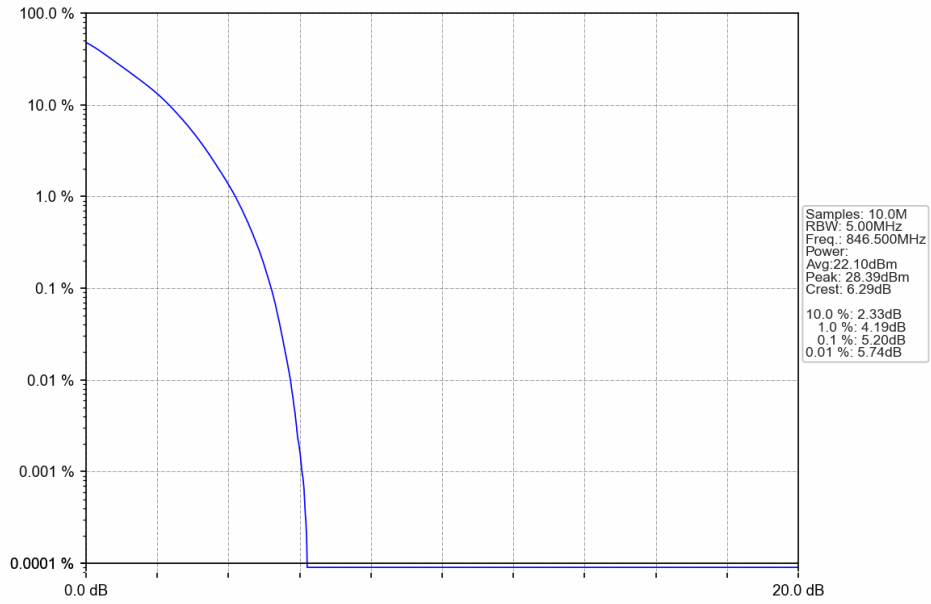
5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.98	<=13	Pass
	836.5	25	0	5.54	<=13	Pass
	846.5	25	0	5.20	<=13	Pass
16QAM	826.5	25	0	5.69	<=13	Pass
	836.5	25	0	6.23	<=13	Pass
	846.5	25	0	5.90	<=13	Pass

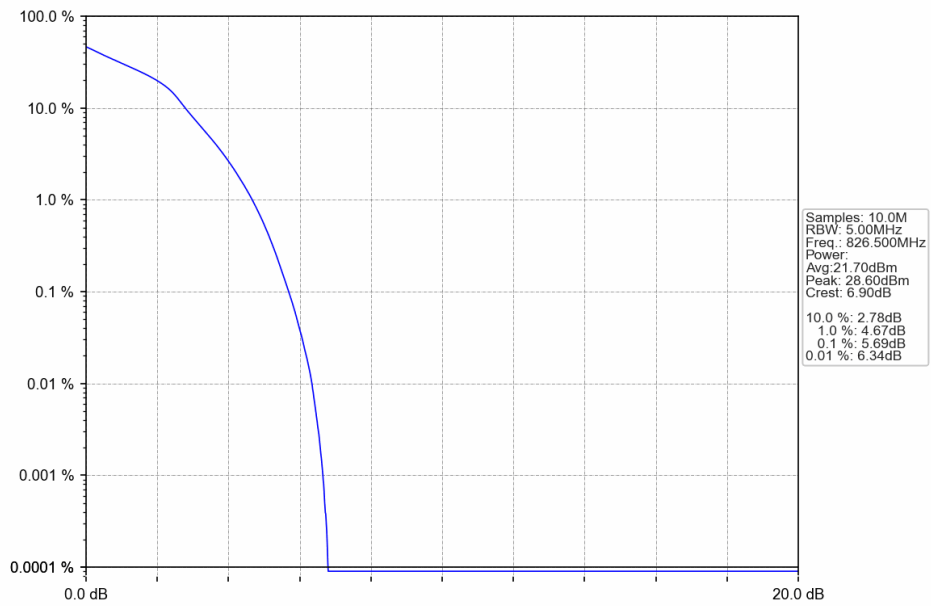
5.3.2 Test Graph



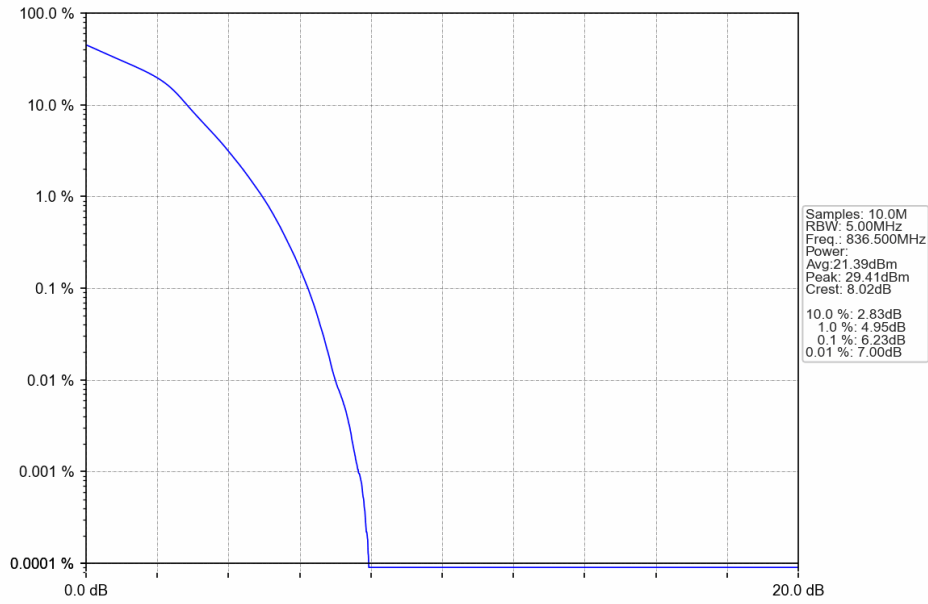
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



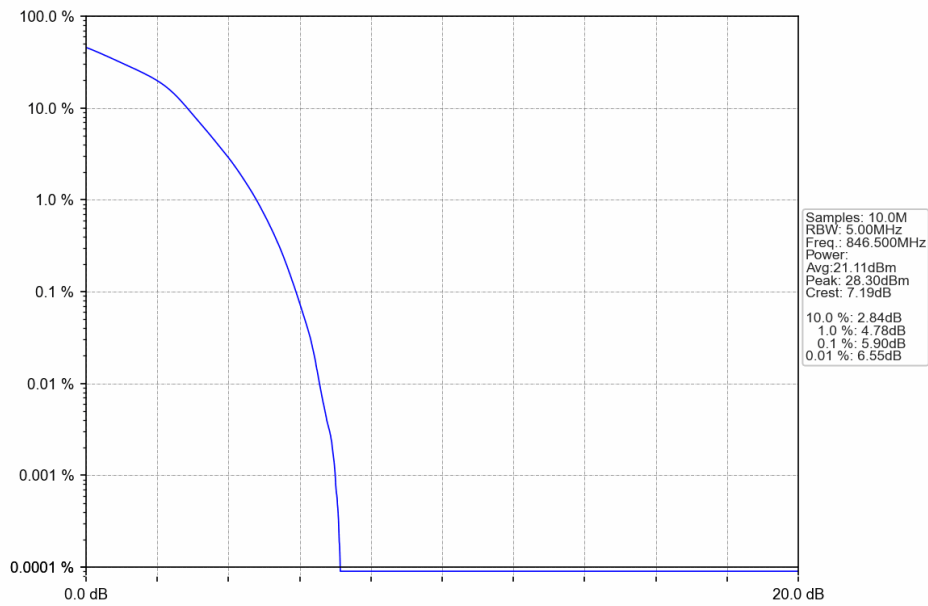
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

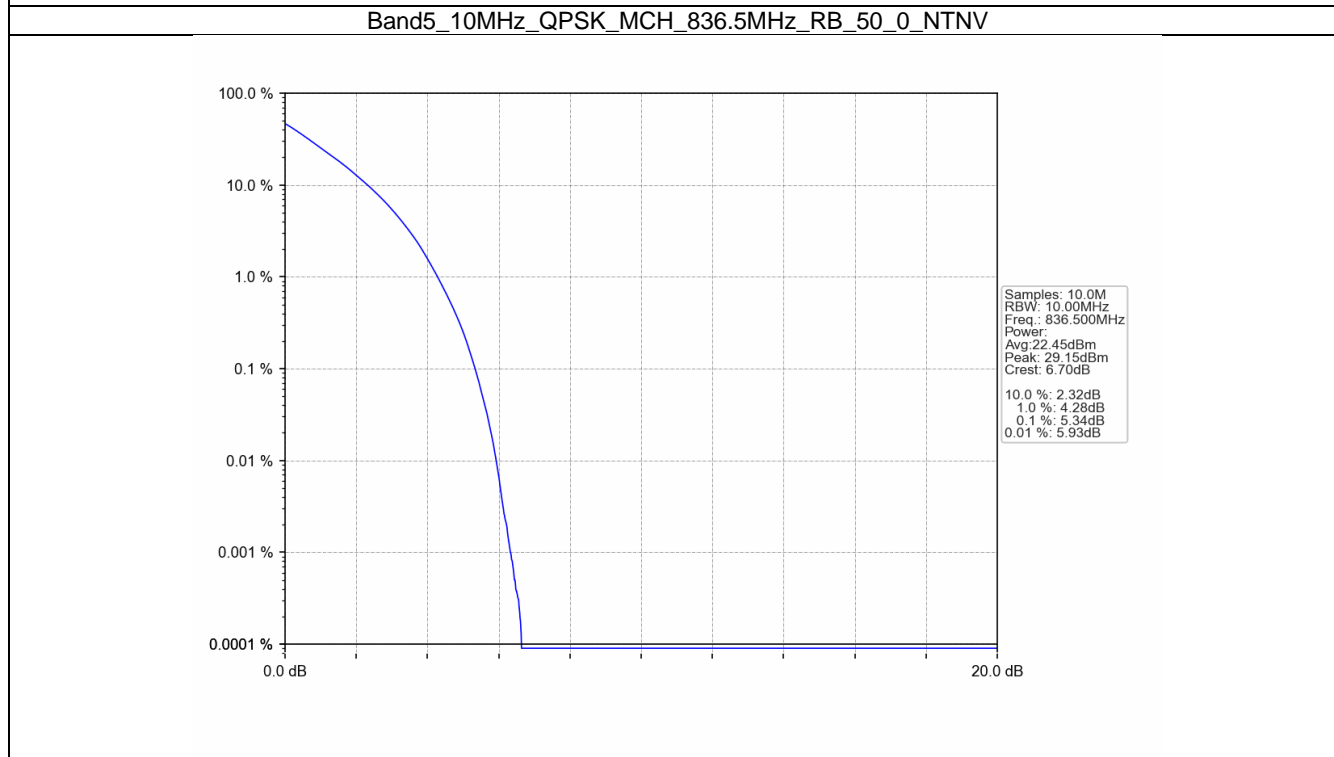
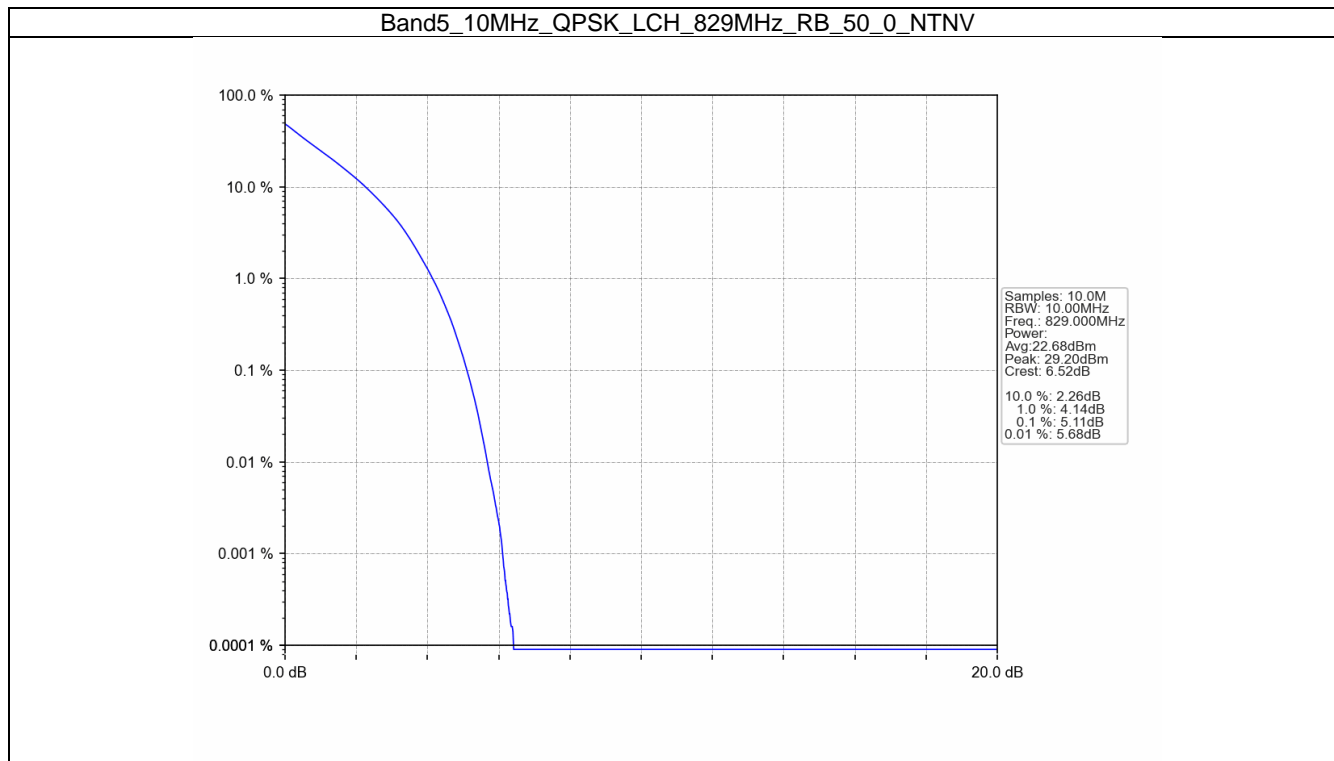


5.4 B5_10MHz

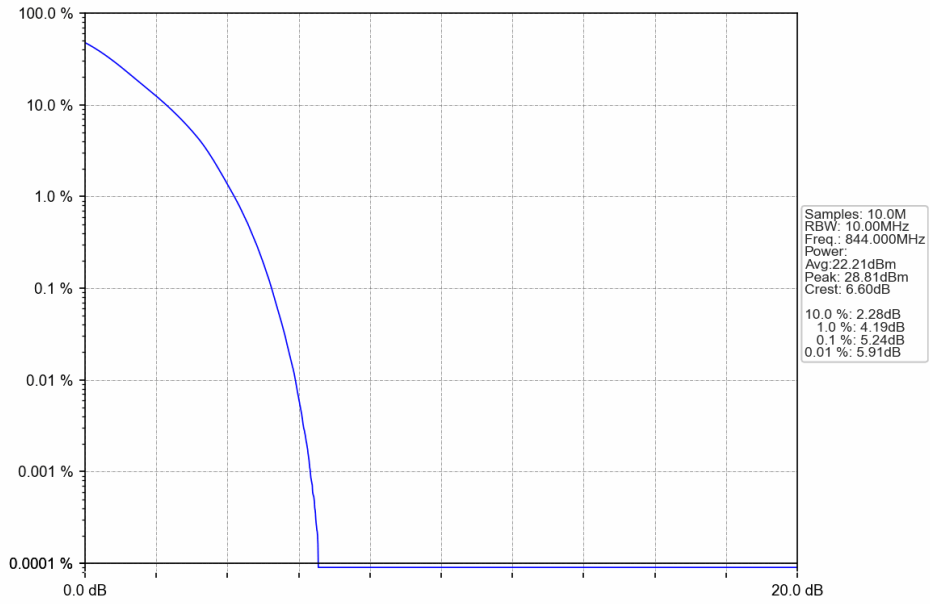
5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.11	<=13	Pass
	836.5	50	0	5.34	<=13	Pass
	844	50	0	5.24	<=13	Pass
16QAM	829	50	0	5.83	<=13	Pass
	836.5	50	0	6.14	<=13	Pass
	844	50	0	5.90	<=13	Pass

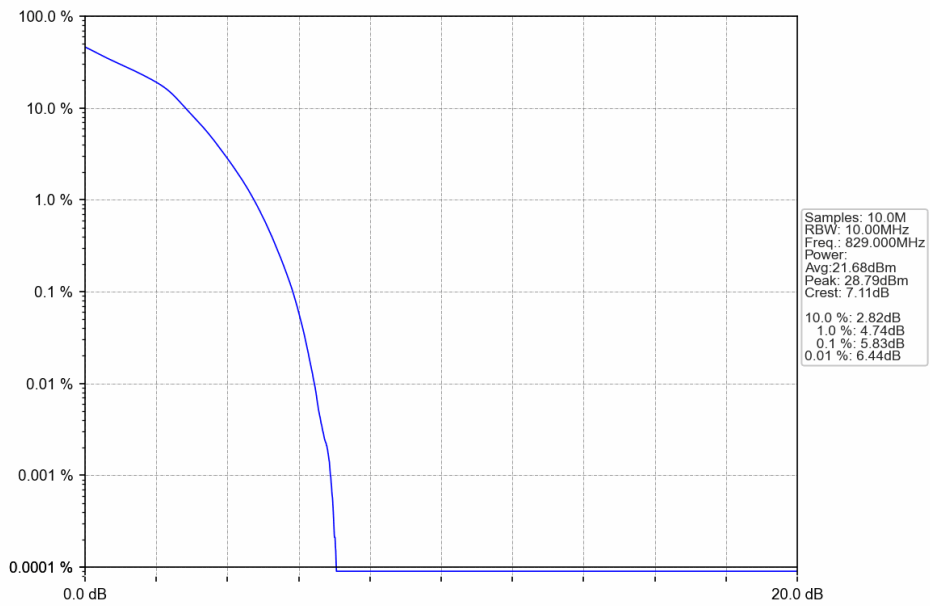
5.4.2 Test Graph



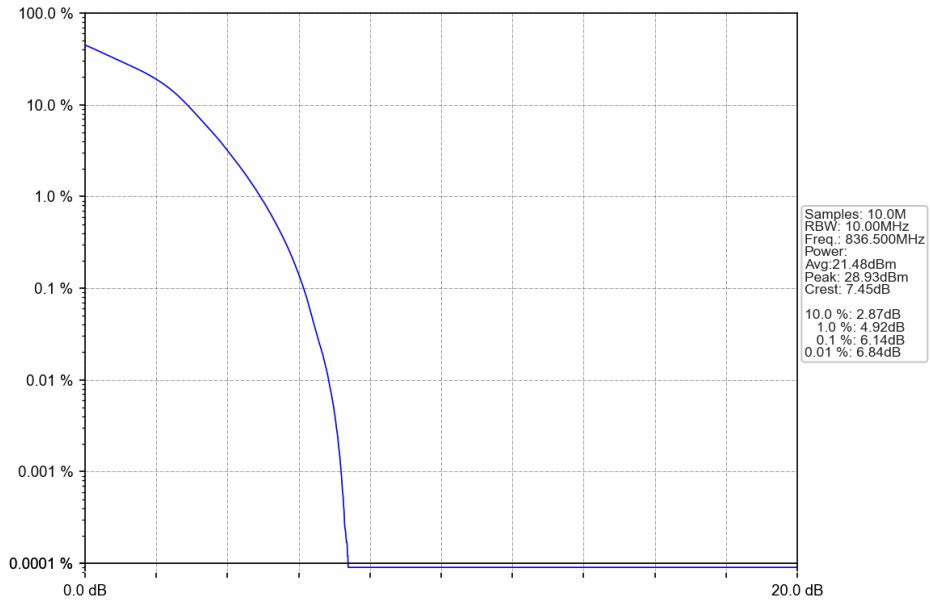
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



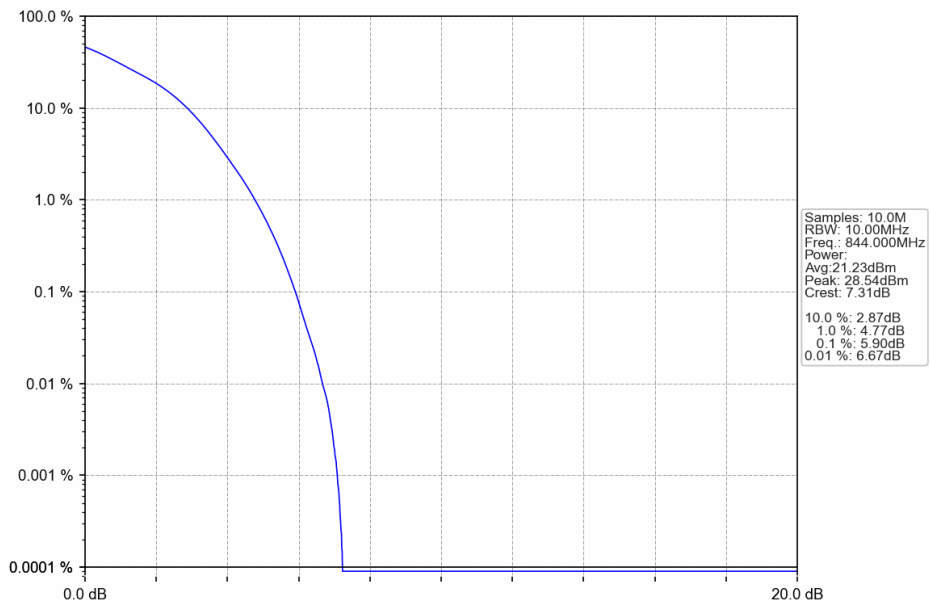
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



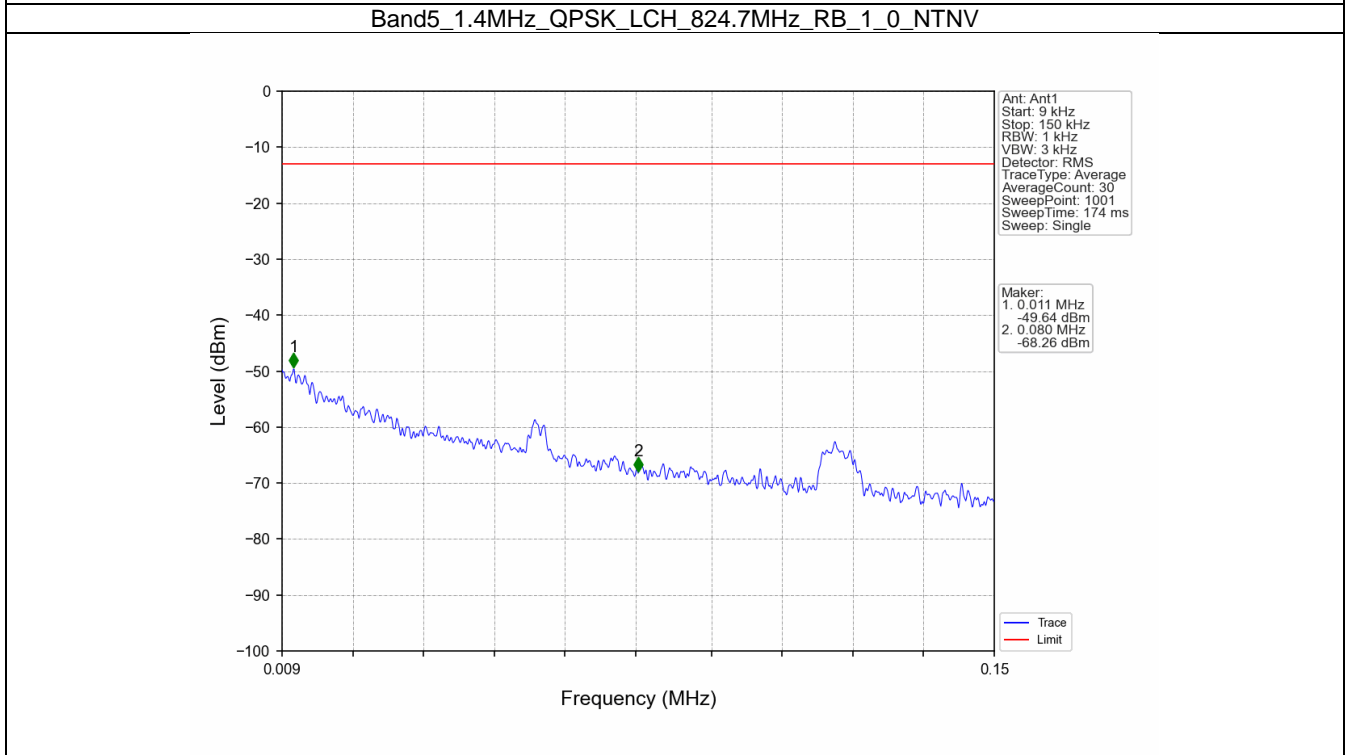
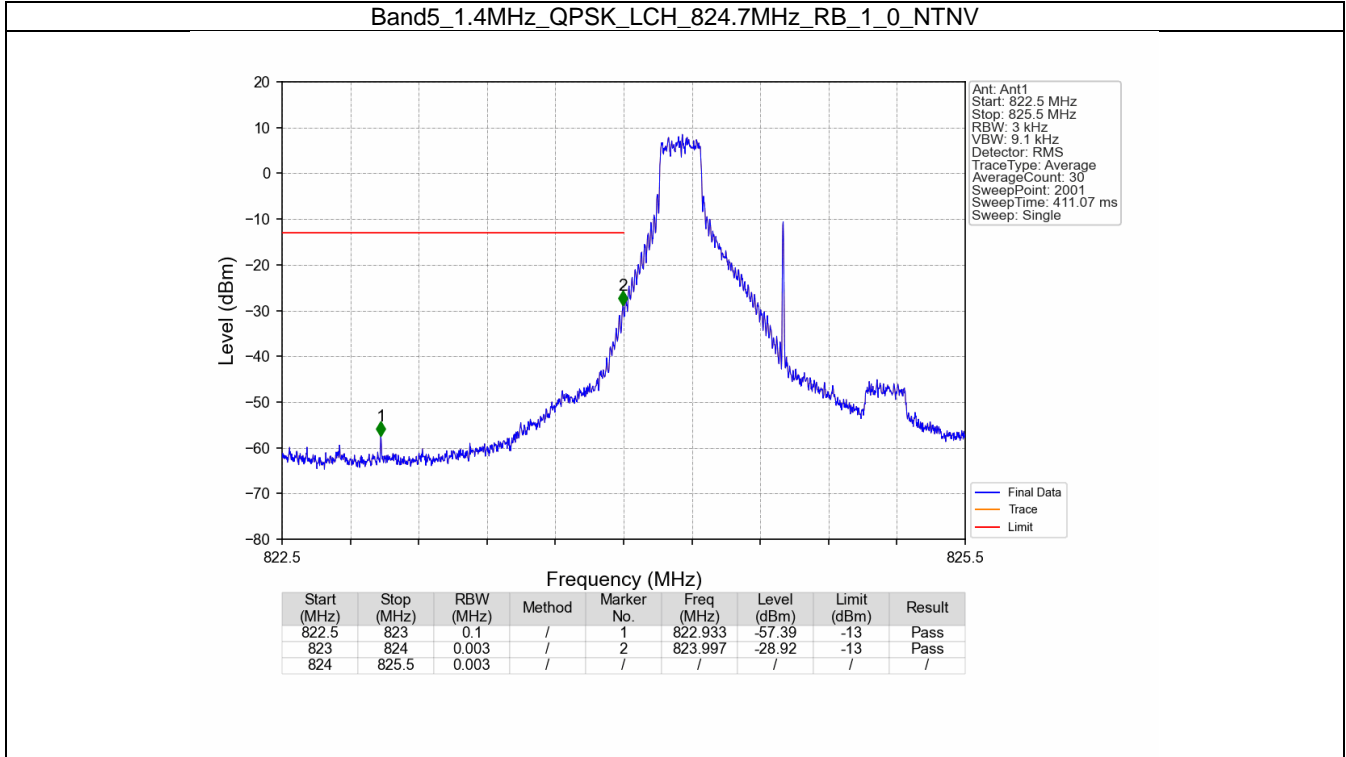
6. Spurious Emission

6.1 B5_1.4MHz

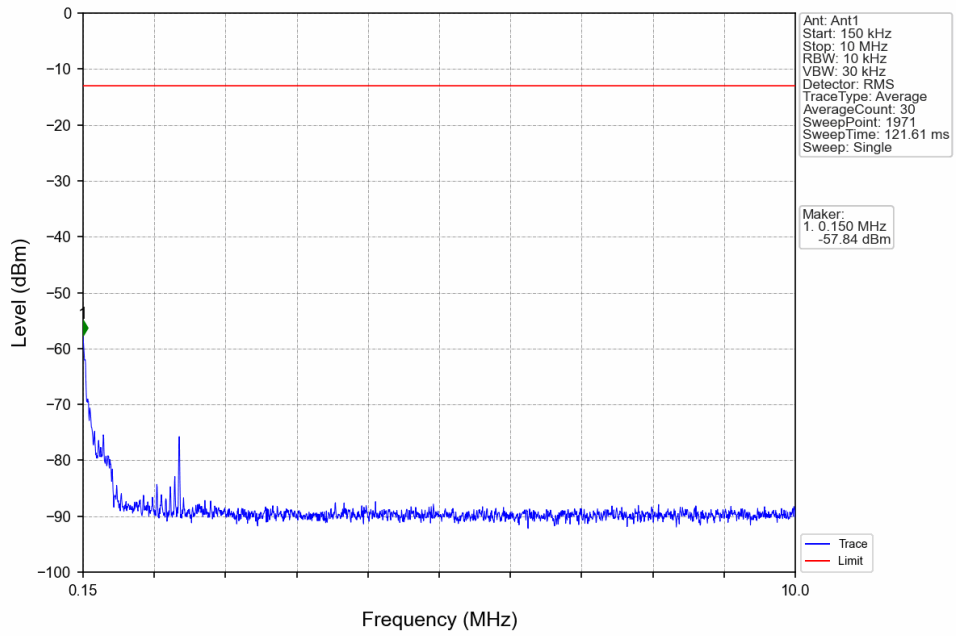
6.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTV						
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
	848.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	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
	848.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

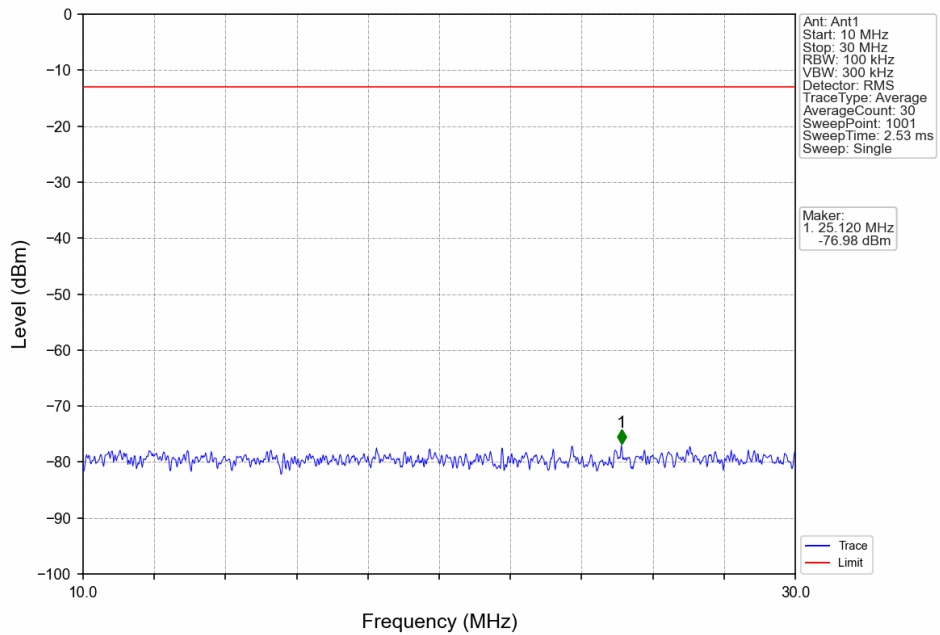
6.1.2 Test Graph



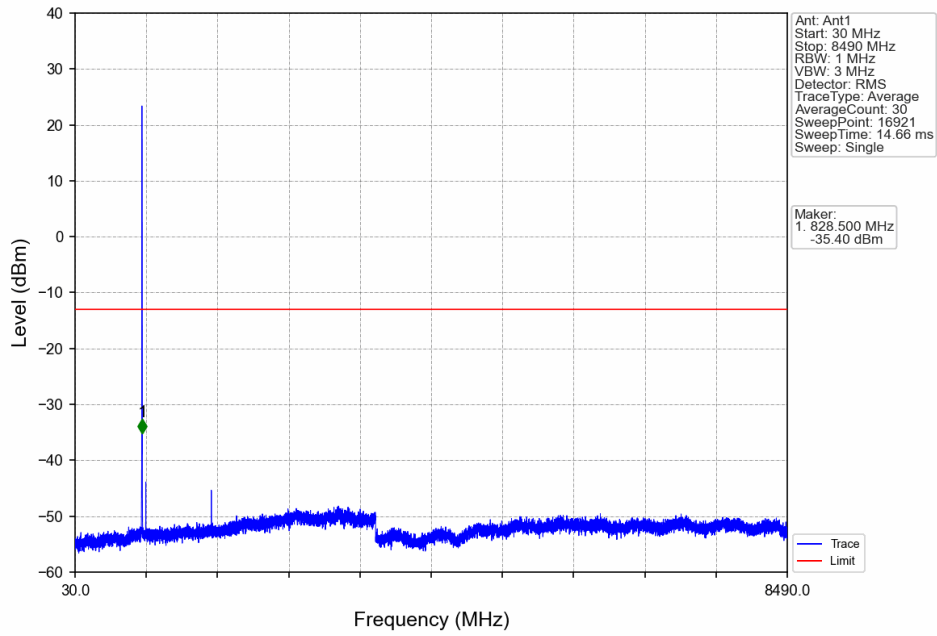
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



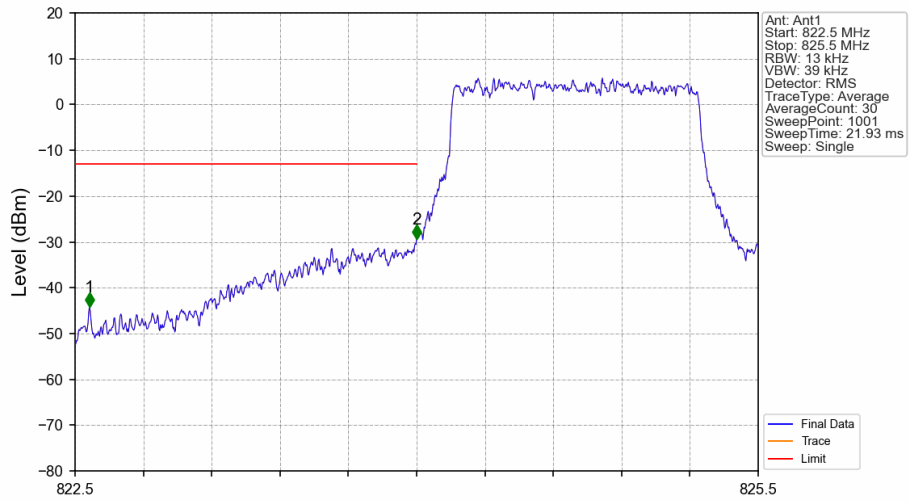
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

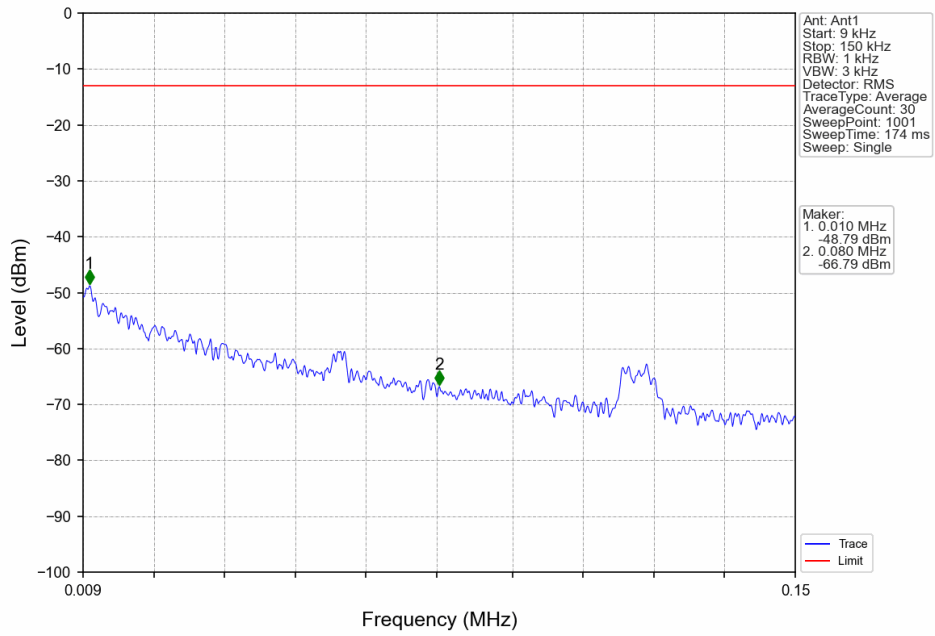


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

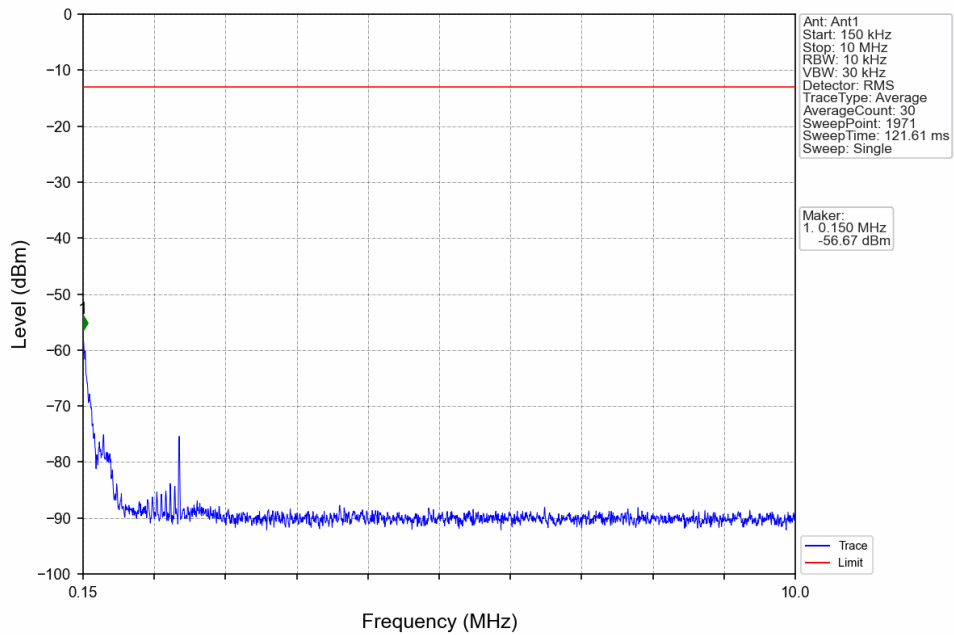


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	/	1	822.563	-44.20	-13	Pass
823	824	0.013	/	2	824.000	-29.33	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

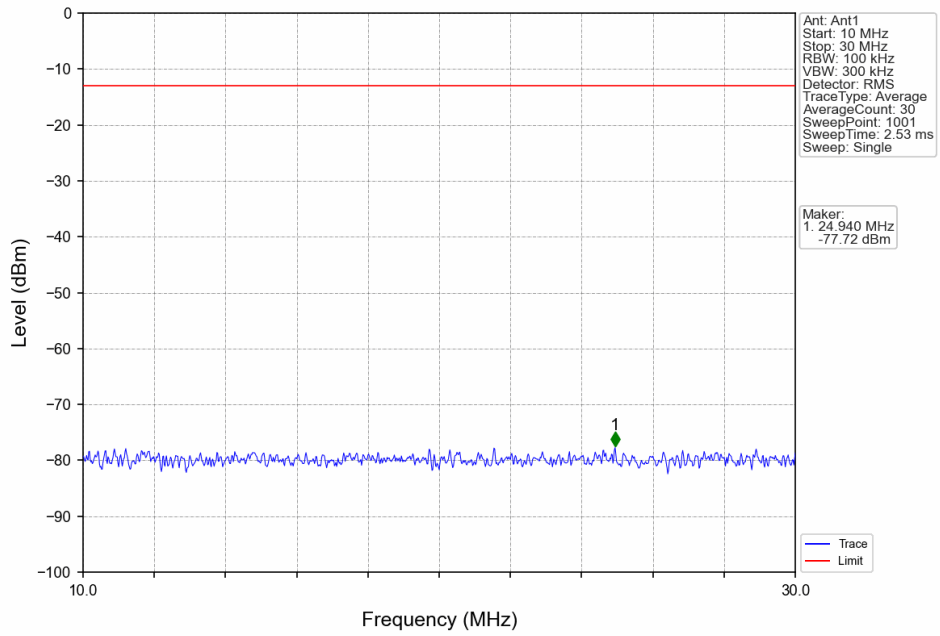
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



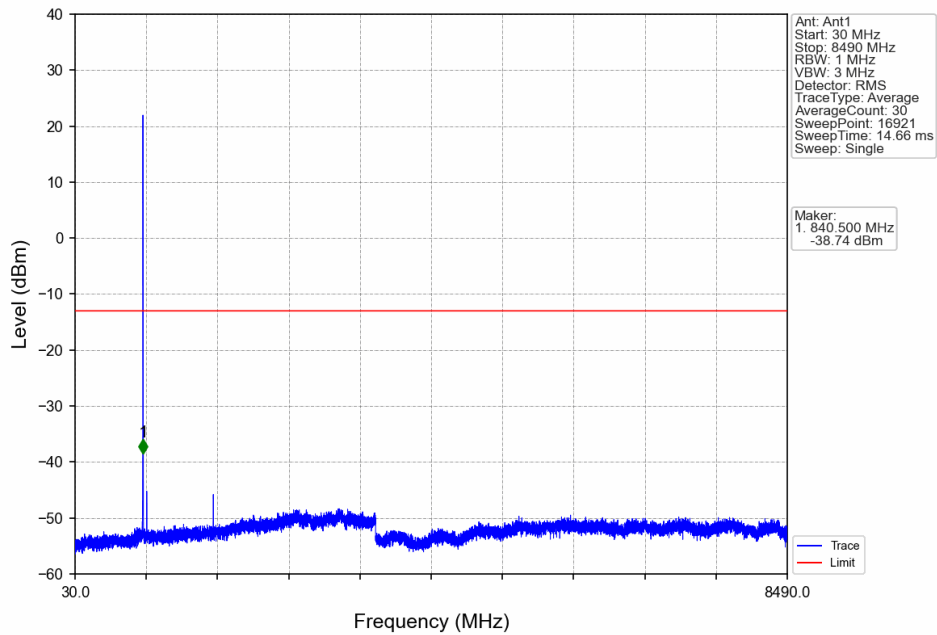
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



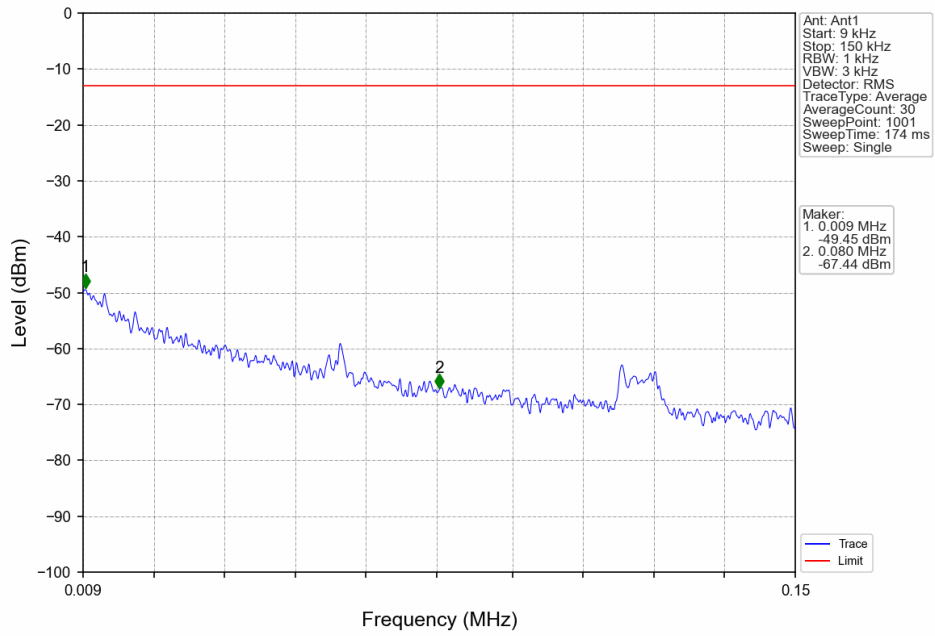
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



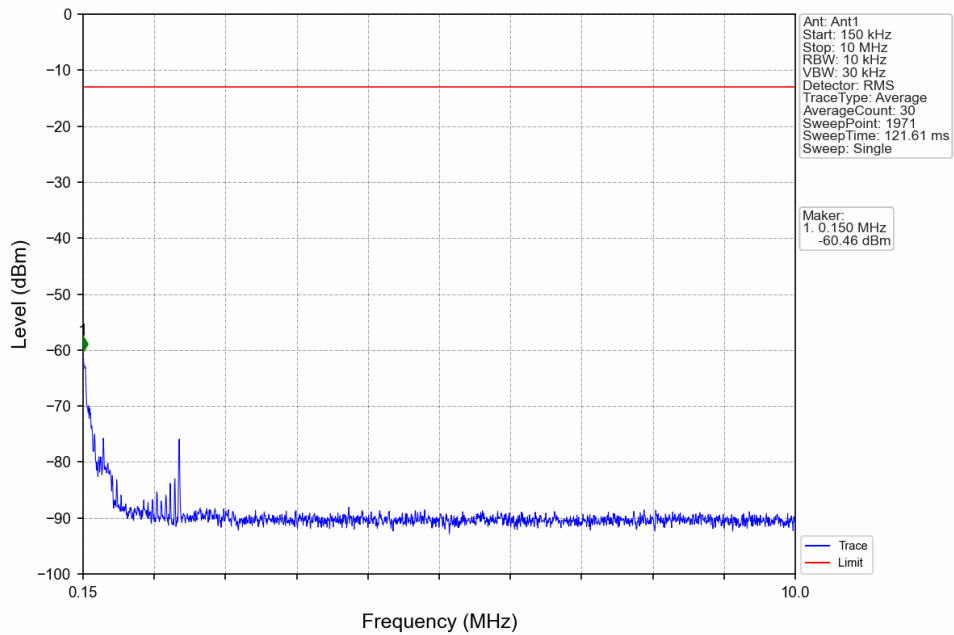
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



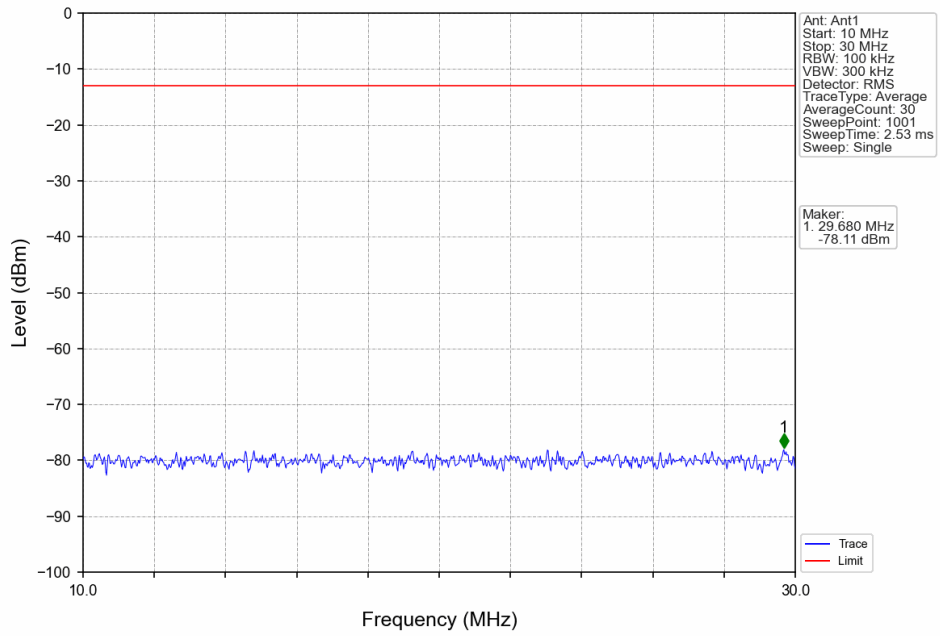
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



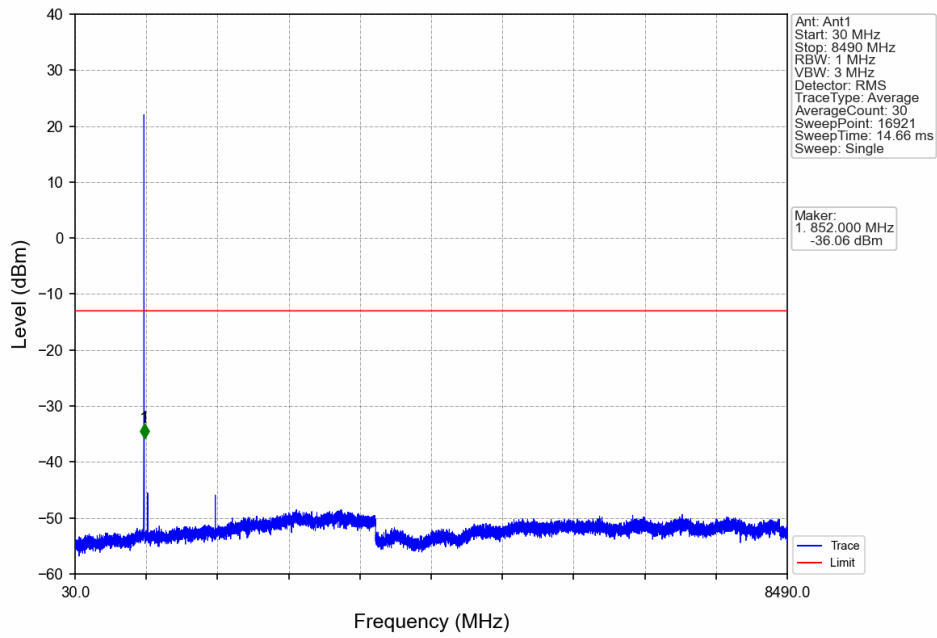
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



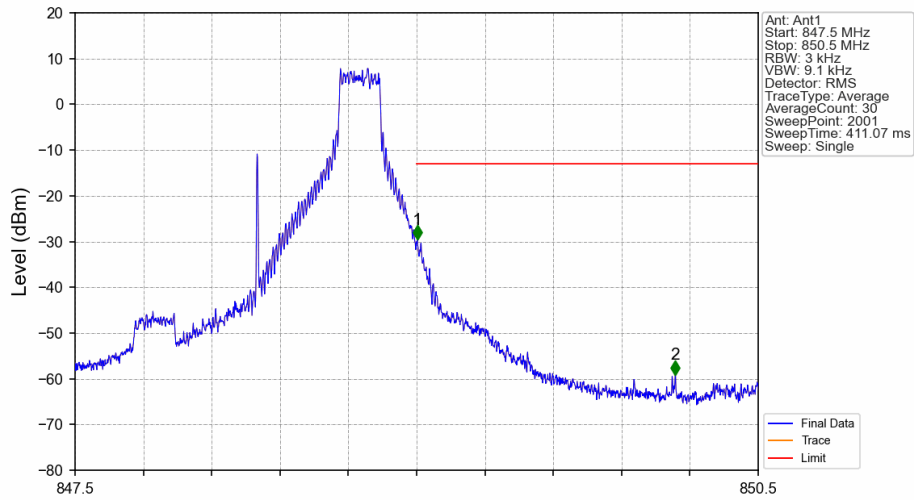
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

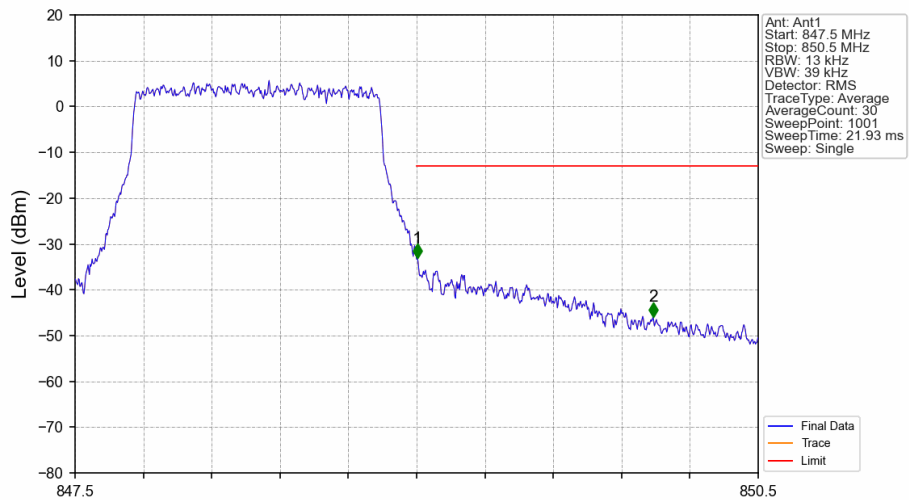


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-29.60	-13	Pass
850	850.5	0.1	/	2	850.135	-59.12	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	/	/	/	/	/	/
849	850	0.013	/	1	849.003	-33.11	-13	Pass
850	850.5	0.1	/	2	850.038	-45.89	-13	Pass