

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

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	24.65	-3.03	19.47	<=38.45	Pass
			2	24.78	-3.03	19.60	<=38.45	Pass
			5	24.71	-3.03	19.53	<=38.45	Pass
		3	0	24.90	-3.03	19.72	<=38.45	Pass
			2	24.84	-3.03	19.66	<=38.45	Pass
			3	24.83	-3.03	19.65	<=38.45	Pass
		6	0	23.67	-3.03	18.49	<=38.45	Pass
	836.5	1	0	24.73	-3.03	19.55	<=38.45	Pass
			2	24.86	-3.03	19.68	<=38.45	Pass
			5	24.90	-3.03	19.72	<=38.45	Pass
		3	0	24.84	-3.03	19.66	<=38.45	Pass
			2	25.12	-3.03	19.94	<=38.45	Pass
			3	24.89	-3.03	19.71	<=38.45	Pass
		6	0	23.89	-3.03	18.71	<=38.45	Pass
	848.3	1	0	24.48	-3.03	19.30	<=38.45	Pass
			2	24.53	-3.03	19.35	<=38.45	Pass
			5	24.54	-3.03	19.36	<=38.45	Pass
		3	0	24.87	-3.03	19.69	<=38.45	Pass
			2	24.88	-3.03	19.70	<=38.45	Pass
			3	24.74	-3.03	19.56	<=38.45	Pass
		6	0	23.77	-3.03	18.59	<=38.45	Pass
16QAM	824.7	1	0	24.55	-3.03	19.37	<=38.45	Pass
			2	24.38	-3.03	19.20	<=38.45	Pass
			5	24.44	-3.03	19.26	<=38.45	Pass
		3	0	23.92	-3.03	18.74	<=38.45	Pass
			2	24.03	-3.03	18.85	<=38.45	Pass
			3	23.94	-3.03	18.76	<=38.45	Pass
		6	0	22.82	-3.03	17.64	<=38.45	Pass
	836.5	1	0	23.96	-3.03	18.78	<=38.45	Pass
			2	24.02	-3.03	18.84	<=38.45	Pass
			5	23.87	-3.03	18.69	<=38.45	Pass
		3	0	24.15	-3.03	18.97	<=38.45	Pass
			2	23.97	-3.03	18.79	<=38.45	Pass
			3	24.02	-3.03	18.84	<=38.45	Pass
		6	0	22.75	-3.03	17.57	<=38.45	Pass
	848.3	1	0	24.53	-3.03	19.35	<=38.45	Pass
			2	24.45	-3.03	19.27	<=38.45	Pass
			5	24.53	-3.03	19.35	<=38.45	Pass
		3	0	24.11	-3.03	18.93	<=38.45	Pass
			2	24.09	-3.03	18.91	<=38.45	Pass
			3	23.91	-3.03	18.73	<=38.45	Pass
		6	0	22.94	-3.03	17.76	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	825.5	1	0	24.86	-3.03	19.68	<=38.45	Pass	
			7	24.85	-3.03	19.67	<=38.45	Pass	
			14	24.68	-3.03	19.50	<=38.45	Pass	
		8	0	23.76	-3.03	18.58	<=38.45	Pass	
			4	23.71	-3.03	18.53	<=38.45	Pass	
			7	23.84	-3.03	18.66	<=38.45	Pass	
		15	0	23.71	-3.03	18.53	<=38.45	Pass	
		836.5	1	0	24.84	-3.03	19.66	<=38.45	Pass
				7	25.18	-3.03	20.00	<=38.45	Pass
	14			25.03	-3.03	19.85	<=38.45	Pass	
	8		0	23.76	-3.03	18.58	<=38.45	Pass	
			4	23.75	-3.03	18.57	<=38.45	Pass	
			7	23.81	-3.03	18.63	<=38.45	Pass	
	15	0	23.87	-3.03	18.69	<=38.45	Pass		
	847.5	1	0	24.75	-3.03	19.57	<=38.45	Pass	
			7	24.88	-3.03	19.70	<=38.45	Pass	
			14	24.68	-3.03	19.50	<=38.45	Pass	
		8	0	23.68	-3.03	18.50	<=38.45	Pass	
			4	23.78	-3.03	18.60	<=38.45	Pass	
			7	23.72	-3.03	18.54	<=38.45	Pass	
		15	0	23.70	-3.03	18.52	<=38.45	Pass	
16QAM		825.5	1	0	23.57	-3.03	18.39	<=38.45	Pass
				7	23.33	-3.03	18.15	<=38.45	Pass
	14			23.37	-3.03	18.19	<=38.45	Pass	
	8		0	22.63	-3.03	17.45	<=38.45	Pass	
			4	22.49	-3.03	17.31	<=38.45	Pass	
			7	22.66	-3.03	17.48	<=38.45	Pass	
	15		0	22.72	-3.03	17.54	<=38.45	Pass	
	836.5	1	0	24.23	-3.03	19.05	<=38.45	Pass	
			7	24.31	-3.03	19.13	<=38.45	Pass	
			14	24.28	-3.03	19.10	<=38.45	Pass	
		8	0	23.01	-3.03	17.83	<=38.45	Pass	
			4	23.02	-3.03	17.84	<=38.45	Pass	
			7	22.98	-3.03	17.80	<=38.45	Pass	
	15	0	22.76	-3.03	17.58	<=38.45	Pass		
	847.5	1	0	24.17	-3.03	18.99	<=38.45	Pass	
			7	24.19	-3.03	19.01	<=38.45	Pass	
			14	24.04	-3.03	18.86	<=38.45	Pass	
		8	0	23.01	-3.03	17.83	<=38.45	Pass	
			4	22.76	-3.03	17.58	<=38.45	Pass	
			7	22.61	-3.03	17.43	<=38.45	Pass	
		15	0	22.67	-3.03	17.49	<=38.45	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	24.61	-3.03	19.43	<=38.45	Pass
			13	24.56	-3.03	19.38	<=38.45	Pass
			24	24.54	-3.03	19.36	<=38.45	Pass
		12	0	23.63	-3.03	18.45	<=38.45	Pass
			6	23.69	-3.03	18.51	<=38.45	Pass
			13	23.77	-3.03	18.59	<=38.45	Pass

		25	0	23.60	-3.03	18.42	<=38.45	Pass
	836.5	1	0	24.62	-3.03	19.44	<=38.45	Pass
			13	24.61	-3.03	19.43	<=38.45	Pass
			24	24.47	-3.03	19.29	<=38.45	Pass
			0	23.89	-3.03	18.71	<=38.45	Pass
		12	6	23.85	-3.03	18.67	<=38.45	Pass
			13	23.79	-3.03	18.61	<=38.45	Pass
	25	0	23.83	-3.03	18.65	<=38.45	Pass	
	846.5	1	0	24.44	-3.03	19.26	<=38.45	Pass
			13	24.62	-3.03	19.44	<=38.45	Pass
			24	24.48	-3.03	19.30	<=38.45	Pass
		12	0	23.74	-3.03	18.56	<=38.45	Pass
			6	23.74	-3.03	18.56	<=38.45	Pass
			13	23.77	-3.03	18.59	<=38.45	Pass
	25	0	23.79	-3.03	18.61	<=38.45	Pass	
	16QAM	826.5	1	0	23.44	-3.03	18.26	<=38.45
13				23.37	-3.03	18.19	<=38.45	Pass
24				23.05	-3.03	17.87	<=38.45	Pass
12			0	22.64	-3.03	17.46	<=38.45	Pass
			6	22.82	-3.03	17.64	<=38.45	Pass
			13	22.79	-3.03	17.61	<=38.45	Pass
25		0	22.64	-3.03	17.46	<=38.45	Pass	
836.5		1	0	24.21	-3.03	19.03	<=38.45	Pass
			13	24.24	-3.03	19.06	<=38.45	Pass
			24	23.99	-3.03	18.81	<=38.45	Pass
		12	0	22.84	-3.03	17.66	<=38.45	Pass
			6	22.91	-3.03	17.73	<=38.45	Pass
			13	22.86	-3.03	17.68	<=38.45	Pass
25		0	22.68	-3.03	17.50	<=38.45	Pass	
846.5		1	0	23.61	-3.03	18.43	<=38.45	Pass
			13	23.95	-3.03	18.77	<=38.45	Pass
			24	23.58	-3.03	18.40	<=38.45	Pass
		12	0	22.90	-3.03	17.72	<=38.45	Pass
			6	22.94	-3.03	17.76	<=38.45	Pass
			13	22.89	-3.03	17.71	<=38.45	Pass
25	0	22.83	-3.03	17.65	<=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	24.64	-3.03	19.46	<=38.45	Pass
			25	24.85	-3.03	19.67	<=38.45	Pass
			49	24.76	-3.03	19.58	<=38.45	Pass
		25	0	23.66	-3.03	18.48	<=38.45	Pass
			13	23.74	-3.03	18.56	<=38.45	Pass
			25	23.75	-3.03	18.57	<=38.45	Pass
		50	0	23.71	-3.03	18.53	<=38.45	Pass
	836.5	1	0	24.67	-3.03	19.49	<=38.45	Pass
			25	24.76	-3.03	19.58	<=38.45	Pass
			49	24.65	-3.03	19.47	<=38.45	Pass
		25	0	23.86	-3.03	18.68	<=38.45	Pass
			13	23.86	-3.03	18.68	<=38.45	Pass
			25	23.88	-3.03	18.70	<=38.45	Pass
		50	0	23.82	-3.03	18.64	<=38.45	Pass

	844	1	0	24.64	-3.03	19.46	<=38.45	Pass		
			25	25.23	-3.03	20.05	<=38.45	Pass		
			49	24.40	-3.03	19.22	<=38.45	Pass		
		25	0	23.84	-3.03	18.66	<=38.45	Pass		
			13	23.78	-3.03	18.60	<=38.45	Pass		
			25	23.77	-3.03	18.59	<=38.45	Pass		
		50	0	23.76	-3.03	18.58	<=38.45	Pass		
		16QAM	829	1	0	24.32	-3.03	19.14	<=38.45	Pass
					25	24.31	-3.03	19.13	<=38.45	Pass
49	23.52				-3.03	18.34	<=38.45	Pass		
25	0			22.58	-3.03	17.40	<=38.45	Pass		
	13			22.87	-3.03	17.69	<=38.45	Pass		
	25			22.85	-3.03	17.67	<=38.45	Pass		
50	0			22.61	-3.03	17.43	<=38.45	Pass		
836.5	1			0	24.55	-3.03	19.37	<=38.45	Pass	
				25	24.27	-3.03	19.09	<=38.45	Pass	
			49	23.89	-3.03	18.71	<=38.45	Pass		
	25		0	23.05	-3.03	17.87	<=38.45	Pass		
			13	23.08	-3.03	17.90	<=38.45	Pass		
			25	22.70	-3.03	17.52	<=38.45	Pass		
	50		0	22.93	-3.03	17.75	<=38.45	Pass		
	844		1	0	23.63	-3.03	18.45	<=38.45	Pass	
				25	23.79	-3.03	18.61	<=38.45	Pass	
49				23.51	-3.03	18.33	<=38.45	Pass		
25			0	23.01	-3.03	17.83	<=38.45	Pass		
			13	23.05	-3.03	17.87	<=38.45	Pass		
			25	23.05	-3.03	17.87	<=38.45	Pass		
50			0	22.77	-3.03	17.59	<=38.45	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	6.2	10.157	0.0123	-2.5 to 2.5	Pass
					7.2	14.706	0.0178	-2.5 to 2.5	Pass
					8.4	11.487	0.0139	-2.5 to 2.5	Pass
				-30	7.2	5.479	0.0066	-2.5 to 2.5	Pass
				-20	7.2	0.815	0.0010	-2.5 to 2.5	Pass
				-10	7.2	0.072	0.0001	-2.5 to 2.5	Pass
				0	7.2	-0.343	-0.0004	-2.5 to 2.5	Pass
				10	7.2	-1.202	-0.0015	-2.5 to 2.5	Pass
				30	7.2	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	7.2	-1.445	-0.0018	-2.5 to 2.5	Pass
				50	7.2	-1.616	-0.0020	-2.5 to 2.5	Pass
	836.5	6	0	20	6.2	-4.692	-0.0056	-2.5 to 2.5	Pass
					7.2	-3.304	-0.0039	-2.5 to 2.5	Pass
					8.4	-2.446	-0.0029	-2.5 to 2.5	Pass
				-30	7.2	-0.472	-0.0006	-2.5 to 2.5	Pass
				-20	7.2	-1.087	-0.0013	-2.5 to 2.5	Pass
				-10	7.2	-0.687	-0.0008	-2.5 to 2.5	Pass
				0	7.2	-2.017	-0.0024	-2.5 to 2.5	Pass
				10	7.2	-1.316	-0.0016	-2.5 to 2.5	Pass
				30	7.2	-1.473	-0.0018	-2.5 to 2.5	Pass
				40	7.2	-1.831	-0.0022	-2.5 to 2.5	Pass
				50	7.2	-0.558	-0.0007	-2.5 to 2.5	Pass
	848.3	6	0	20	6.2	-10.257	-0.0121	-2.5 to 2.5	Pass
					7.2	-6.366	-0.0075	-2.5 to 2.5	Pass
					8.4	-5.178	-0.0061	-2.5 to 2.5	Pass
				-30	7.2	-3.276	-0.0039	-2.5 to 2.5	Pass
				-20	7.2	-2.203	-0.0026	-2.5 to 2.5	Pass
				-10	7.2	-1.359	-0.0016	-2.5 to 2.5	Pass
				0	7.2	-1.616	-0.0019	-2.5 to 2.5	Pass
				10	7.2	-1.101	-0.0013	-2.5 to 2.5	Pass
				30	7.2	-1.545	-0.0018	-2.5 to 2.5	Pass
				40	7.2	-1.431	-0.0017	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	6.2	-1.073	-0.0013	-2.5 to 2.5	Pass
					7.2	-0.858	-0.0010	-2.5 to 2.5	Pass
					8.4	0.257	0.0003	-2.5 to 2.5	Pass
				-30	7.2	0.100	0.0001	-2.5 to 2.5	Pass
				-20	7.2	-0.358	-0.0004	-2.5 to 2.5	Pass
				-10	7.2	-0.143	-0.0002	-2.5 to 2.5	Pass
				0	7.2	0.830	0.0010	-2.5 to 2.5	Pass
				10	7.2	-0.200	-0.0002	-2.5 to 2.5	Pass
				30	7.2	0.043	0.0001	-2.5 to 2.5	Pass
				40	7.2	-1.030	-0.0012	-2.5 to 2.5	Pass
				50	7.2	-0.916	-0.0011	-2.5 to 2.5	Pass
	836.5	6	0	20	6.2	-0.257	-0.0003	-2.5 to 2.5	Pass
					7.2	-0.243	-0.0003	-2.5 to 2.5	Pass

					8.4	-0.286	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	-0.243	-0.0003	-2.5 to 2.5	Pass
				-20	7.2	-0.315	-0.0004	-2.5 to 2.5	Pass
				-10	7.2	-1.159	-0.0014	-2.5 to 2.5	Pass
				0	7.2	-1.245	-0.0015	-2.5 to 2.5	Pass
				10	7.2	-1.531	-0.0018	-2.5 to 2.5	Pass
				30	7.2	-0.801	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-0.501	-0.0006	-2.5 to 2.5	Pass
				50	7.2	-1.001	-0.0012	-2.5 to 2.5	Pass
	848.3	6	0	20	6.2	-1.459	-0.0017	-2.5 to 2.5	Pass
					7.2	-0.901	-0.0011	-2.5 to 2.5	Pass
					8.4	-1.173	-0.0014	-2.5 to 2.5	Pass
				-30	7.2	-1.059	-0.0012	-2.5 to 2.5	Pass
				-20	7.2	-1.559	-0.0018	-2.5 to 2.5	Pass
				-10	7.2	-0.358	-0.0004	-2.5 to 2.5	Pass
				0	7.2	-1.230	-0.0014	-2.5 to 2.5	Pass
				10	7.2	-0.157	-0.0002	-2.5 to 2.5	Pass
				30	7.2	-1.101	-0.0013	-2.5 to 2.5	Pass
				40	7.2	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	7.2	-2.003	-0.0024	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	6.2	3.018	0.0037	-2.5 to 2.5	Pass
					7.2	2.933	0.0036	-2.5 to 2.5	Pass
					8.4	3.076	0.0037	-2.5 to 2.5	Pass
				-30	7.2	2.289	0.0028	-2.5 to 2.5	Pass
				-20	7.2	2.060	0.0025	-2.5 to 2.5	Pass
				-10	7.2	0.687	0.0008	-2.5 to 2.5	Pass
				0	7.2	0.787	0.0010	-2.5 to 2.5	Pass
				10	7.2	1.473	0.0018	-2.5 to 2.5	Pass
				30	7.2	1.459	0.0018	-2.5 to 2.5	Pass
				40	7.2	1.073	0.0013	-2.5 to 2.5	Pass
	50	7.2	1.874	0.0023	-2.5 to 2.5	Pass			
	836.5	15	0	20	6.2	1.974	0.0024	-2.5 to 2.5	Pass
					7.2	2.217	0.0027	-2.5 to 2.5	Pass
					8.4	1.531	0.0018	-2.5 to 2.5	Pass
				-30	7.2	1.631	0.0019	-2.5 to 2.5	Pass
				-20	7.2	0.272	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.644	0.0008	-2.5 to 2.5	Pass
				0	7.2	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	7.2	0.443	0.0005	-2.5 to 2.5	Pass
				30	7.2	1.888	0.0023	-2.5 to 2.5	Pass
				40	7.2	1.359	0.0016	-2.5 to 2.5	Pass
	50	7.2	0.672	0.0008	-2.5 to 2.5	Pass			
	847.5	15	0	20	6.2	2.003	0.0024	-2.5 to 2.5	Pass
					7.2	1.259	0.0015	-2.5 to 2.5	Pass
					8.4	1.087	0.0013	-2.5 to 2.5	Pass
				-30	7.2	1.116	0.0013	-2.5 to 2.5	Pass
				-20	7.2	0.043	0.0001	-2.5 to 2.5	Pass
				-10	7.2	0.372	0.0004	-2.5 to 2.5	Pass
				0	7.2	1.144	0.0013	-2.5 to 2.5	Pass
				10	7.2	1.130	0.0013	-2.5 to 2.5	Pass
				30	7.2	0.529	0.0006	-2.5 to 2.5	Pass

16QAM	825.5	15	0	40	7.2	0.787	0.0009	-2.5 to 2.5	Pass
				50	7.2	1.044	0.0012	-2.5 to 2.5	Pass
				20	6.2	3.090	0.0037	-2.5 to 2.5	Pass
					7.2	1.974	0.0024	-2.5 to 2.5	Pass
					8.4	2.503	0.0030	-2.5 to 2.5	Pass
				-30	7.2	2.990	0.0036	-2.5 to 2.5	Pass
				-20	7.2	3.276	0.0040	-2.5 to 2.5	Pass
				-10	7.2	4.134	0.0050	-2.5 to 2.5	Pass
				0	7.2	3.448	0.0042	-2.5 to 2.5	Pass
				10	7.2	3.877	0.0047	-2.5 to 2.5	Pass
				30	7.2	4.306	0.0052	-2.5 to 2.5	Pass
				40	7.2	2.861	0.0035	-2.5 to 2.5	Pass
				50	7.2	2.160	0.0026	-2.5 to 2.5	Pass
	836.5	15	0	20	6.2	2.046	0.0024	-2.5 to 2.5	Pass
					7.2	1.831	0.0022	-2.5 to 2.5	Pass
					8.4	2.003	0.0024	-2.5 to 2.5	Pass
				-30	7.2	2.403	0.0029	-2.5 to 2.5	Pass
				-20	7.2	2.933	0.0035	-2.5 to 2.5	Pass
				-10	7.2	2.947	0.0035	-2.5 to 2.5	Pass
				0	7.2	2.875	0.0034	-2.5 to 2.5	Pass
				10	7.2	3.862	0.0046	-2.5 to 2.5	Pass
				30	7.2	3.448	0.0041	-2.5 to 2.5	Pass
				40	7.2	3.219	0.0038	-2.5 to 2.5	Pass
				50	7.2	3.061	0.0037	-2.5 to 2.5	Pass
	847.5	15	0	20	6.2	0.873	0.0010	-2.5 to 2.5	Pass
					7.2	0.000	0.0000	-2.5 to 2.5	Pass
					8.4	0.844	0.0010	-2.5 to 2.5	Pass
				-30	7.2	0.486	0.0006	-2.5 to 2.5	Pass
				-20	7.2	-0.243	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	1.287	0.0015	-2.5 to 2.5	Pass
				0	7.2	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	7.2	-0.043	-0.0001	-2.5 to 2.5	Pass
				30	7.2	1.230	0.0015	-2.5 to 2.5	Pass
				40	7.2	1.302	0.0015	-2.5 to 2.5	Pass
				50	7.2	1.216	0.0014	-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	6.2	0.644	0.0008	-2.5 to 2.5	Pass
					7.2	0.257	0.0003	-2.5 to 2.5	Pass
					8.4	-0.215	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	-0.515	-0.0006	-2.5 to 2.5	Pass
				-20	7.2	-0.529	-0.0006	-2.5 to 2.5	Pass
				-10	7.2	0.257	0.0003	-2.5 to 2.5	Pass
				0	7.2	0.014	0.0000	-2.5 to 2.5	Pass
				10	7.2	-0.186	-0.0002	-2.5 to 2.5	Pass
				30	7.2	-0.086	-0.0001	-2.5 to 2.5	Pass
				40	7.2	-0.358	-0.0004	-2.5 to 2.5	Pass
				50	7.2	-0.529	-0.0006	-2.5 to 2.5	Pass
	836.5	25	0	20	6.2	0.229	0.0003	-2.5 to 2.5	Pass
					7.2	-0.100	-0.0001	-2.5 to 2.5	Pass
					8.4	0.944	0.0011	-2.5 to 2.5	Pass
				-30	7.2	0.501	0.0006	-2.5 to 2.5	Pass
				-20	7.2	1.087	0.0013	-2.5 to 2.5	Pass

				-10	7.2	1.144	0.0014	-2.5 to 2.5	Pass
				0	7.2	1.431	0.0017	-2.5 to 2.5	Pass
				10	7.2	1.259	0.0015	-2.5 to 2.5	Pass
				30	7.2	3.548	0.0042	-2.5 to 2.5	Pass
				40	7.2	2.775	0.0033	-2.5 to 2.5	Pass
				50	7.2	2.904	0.0035	-2.5 to 2.5	Pass
	846.5	25	0	20	6.2	2.217	0.0026	-2.5 to 2.5	Pass
					7.2	3.576	0.0042	-2.5 to 2.5	Pass
					8.4	3.047	0.0036	-2.5 to 2.5	Pass
				-30	7.2	1.245	0.0015	-2.5 to 2.5	Pass
				-20	7.2	1.602	0.0019	-2.5 to 2.5	Pass
				-10	7.2	1.445	0.0017	-2.5 to 2.5	Pass
				0	7.2	1.187	0.0014	-2.5 to 2.5	Pass
				10	7.2	0.615	0.0007	-2.5 to 2.5	Pass
				30	7.2	-0.401	-0.0005	-2.5 to 2.5	Pass
				40	7.2	0.429	0.0005	-2.5 to 2.5	Pass
50	7.2	0.944	0.0011	-2.5 to 2.5	Pass				
16QAM	826.5	25	0	20	6.2	-0.129	-0.0002	-2.5 to 2.5	Pass
					7.2	-0.701	-0.0008	-2.5 to 2.5	Pass
					8.4	-0.257	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	-0.358	-0.0004	-2.5 to 2.5	Pass
				-20	7.2	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	7.2	-0.501	-0.0006	-2.5 to 2.5	Pass
				0	7.2	-0.544	-0.0007	-2.5 to 2.5	Pass
				10	7.2	-0.372	-0.0005	-2.5 to 2.5	Pass
				30	7.2	0.429	0.0005	-2.5 to 2.5	Pass
				40	7.2	-1.116	-0.0014	-2.5 to 2.5	Pass
	50	7.2	-0.300	-0.0004	-2.5 to 2.5	Pass			
	836.5	25	0	20	6.2	1.960	0.0023	-2.5 to 2.5	Pass
					7.2	1.645	0.0020	-2.5 to 2.5	Pass
					8.4	1.802	0.0022	-2.5 to 2.5	Pass
				-30	7.2	1.187	0.0014	-2.5 to 2.5	Pass
				-20	7.2	1.330	0.0016	-2.5 to 2.5	Pass
				-10	7.2	1.516	0.0018	-2.5 to 2.5	Pass
				0	7.2	0.687	0.0008	-2.5 to 2.5	Pass
				10	7.2	0.443	0.0005	-2.5 to 2.5	Pass
				30	7.2	0.601	0.0007	-2.5 to 2.5	Pass
				40	7.2	0.887	0.0011	-2.5 to 2.5	Pass
	50	7.2	2.146	0.0026	-2.5 to 2.5	Pass			
	846.5	25	0	20	6.2	-0.272	-0.0003	-2.5 to 2.5	Pass
					7.2	0.458	0.0005	-2.5 to 2.5	Pass
					8.4	0.515	0.0006	-2.5 to 2.5	Pass
				-30	7.2	0.300	0.0004	-2.5 to 2.5	Pass
				-20	7.2	0.172	0.0002	-2.5 to 2.5	Pass
				-10	7.2	0.300	0.0004	-2.5 to 2.5	Pass
				0	7.2	0.587	0.0007	-2.5 to 2.5	Pass
				10	7.2	0.858	0.0010	-2.5 to 2.5	Pass
30				7.2	1.116	0.0013	-2.5 to 2.5	Pass	
40				7.2	0.601	0.0007	-2.5 to 2.5	Pass	
50	7.2	1.001	0.0012	-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	6.2	0.200	0.0002	-2.5 to 2.5	Pass

					7.2	-0.486	-0.0006	-2.5 to 2.5	Pass
					8.4	0.286	0.0003	-2.5 to 2.5	Pass
				-30	7.2	-0.515	-0.0006	-2.5 to 2.5	Pass
				-20	7.2	0.029	0.0000	-2.5 to 2.5	Pass
				-10	7.2	-0.143	-0.0002	-2.5 to 2.5	Pass
				0	7.2	0.072	0.0001	-2.5 to 2.5	Pass
				10	7.2	-0.157	-0.0002	-2.5 to 2.5	Pass
				30	7.2	-0.286	-0.0003	-2.5 to 2.5	Pass
				40	7.2	-0.458	-0.0006	-2.5 to 2.5	Pass
				50	7.2	-0.300	-0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	6.2	1.073	0.0013	-2.5 to 2.5	Pass
					7.2	0.944	0.0011	-2.5 to 2.5	Pass
					8.4	1.273	0.0015	-2.5 to 2.5	Pass
				-30	7.2	0.916	0.0011	-2.5 to 2.5	Pass
				-20	7.2	1.044	0.0012	-2.5 to 2.5	Pass
				-10	7.2	1.187	0.0014	-2.5 to 2.5	Pass
				0	7.2	0.830	0.0010	-2.5 to 2.5	Pass
				10	7.2	0.629	0.0008	-2.5 to 2.5	Pass
				30	7.2	0.286	0.0003	-2.5 to 2.5	Pass
				40	7.2	0.958	0.0011	-2.5 to 2.5	Pass
				50	7.2	0.300	0.0004	-2.5 to 2.5	Pass
	844	50	0	20	6.2	-0.358	-0.0004	-2.5 to 2.5	Pass
					7.2	0.715	0.0008	-2.5 to 2.5	Pass
					8.4	0.186	0.0002	-2.5 to 2.5	Pass
				-30	7.2	-0.358	-0.0004	-2.5 to 2.5	Pass
				-20	7.2	0.215	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.172	0.0002	-2.5 to 2.5	Pass
				0	7.2	-0.486	-0.0006	-2.5 to 2.5	Pass
				10	7.2	-1.273	-0.0015	-2.5 to 2.5	Pass
				30	7.2	0.057	0.0001	-2.5 to 2.5	Pass
				40	7.2	0.072	0.0001	-2.5 to 2.5	Pass
				50	7.2	0.529	0.0006	-2.5 to 2.5	Pass
16QAM	829	50	0	20	6.2	-1.130	-0.0014	-2.5 to 2.5	Pass
					7.2	-0.830	-0.0010	-2.5 to 2.5	Pass
					8.4	-0.172	-0.0002	-2.5 to 2.5	Pass
				-30	7.2	-0.987	-0.0012	-2.5 to 2.5	Pass
				-20	7.2	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	-0.672	-0.0008	-2.5 to 2.5	Pass
				0	7.2	-0.315	-0.0004	-2.5 to 2.5	Pass
				10	7.2	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	7.2	-0.815	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-0.772	-0.0009	-2.5 to 2.5	Pass
				50	7.2	0.215	0.0003	-2.5 to 2.5	Pass
	836.5	50	0	20	6.2	0.086	0.0001	-2.5 to 2.5	Pass
					7.2	-0.272	-0.0003	-2.5 to 2.5	Pass
					8.4	0.701	0.0008	-2.5 to 2.5	Pass
				-30	7.2	0.558	0.0007	-2.5 to 2.5	Pass
				-20	7.2	-0.243	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.257	0.0003	-2.5 to 2.5	Pass
				0	7.2	0.429	0.0005	-2.5 to 2.5	Pass
				10	7.2	-0.901	-0.0011	-2.5 to 2.5	Pass
				30	7.2	-1.001	-0.0012	-2.5 to 2.5	Pass
				40	7.2	-0.143	-0.0002	-2.5 to 2.5	Pass
				50	7.2	-0.415	-0.0005	-2.5 to 2.5	Pass
	844	50	0	20	6.2	-0.315	-0.0004	-2.5 to 2.5	Pass
					7.2	-0.973	-0.0012	-2.5 to 2.5	Pass
					8.4	-0.715	-0.0008	-2.5 to 2.5	Pass
				-30	7.2	0.286	0.0003	-2.5 to 2.5	Pass
				-20	7.2	-0.243	-0.0003	-2.5 to 2.5	Pass

				-10	7.2	-0.572	-0.0007	-2.5 to 2.5	Pass
				0	7.2	-0.358	-0.0004	-2.5 to 2.5	Pass
				10	7.2	-0.572	-0.0007	-2.5 to 2.5	Pass
				30	7.2	-0.844	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-1.101	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-0.787	-0.0009	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band5_OBW

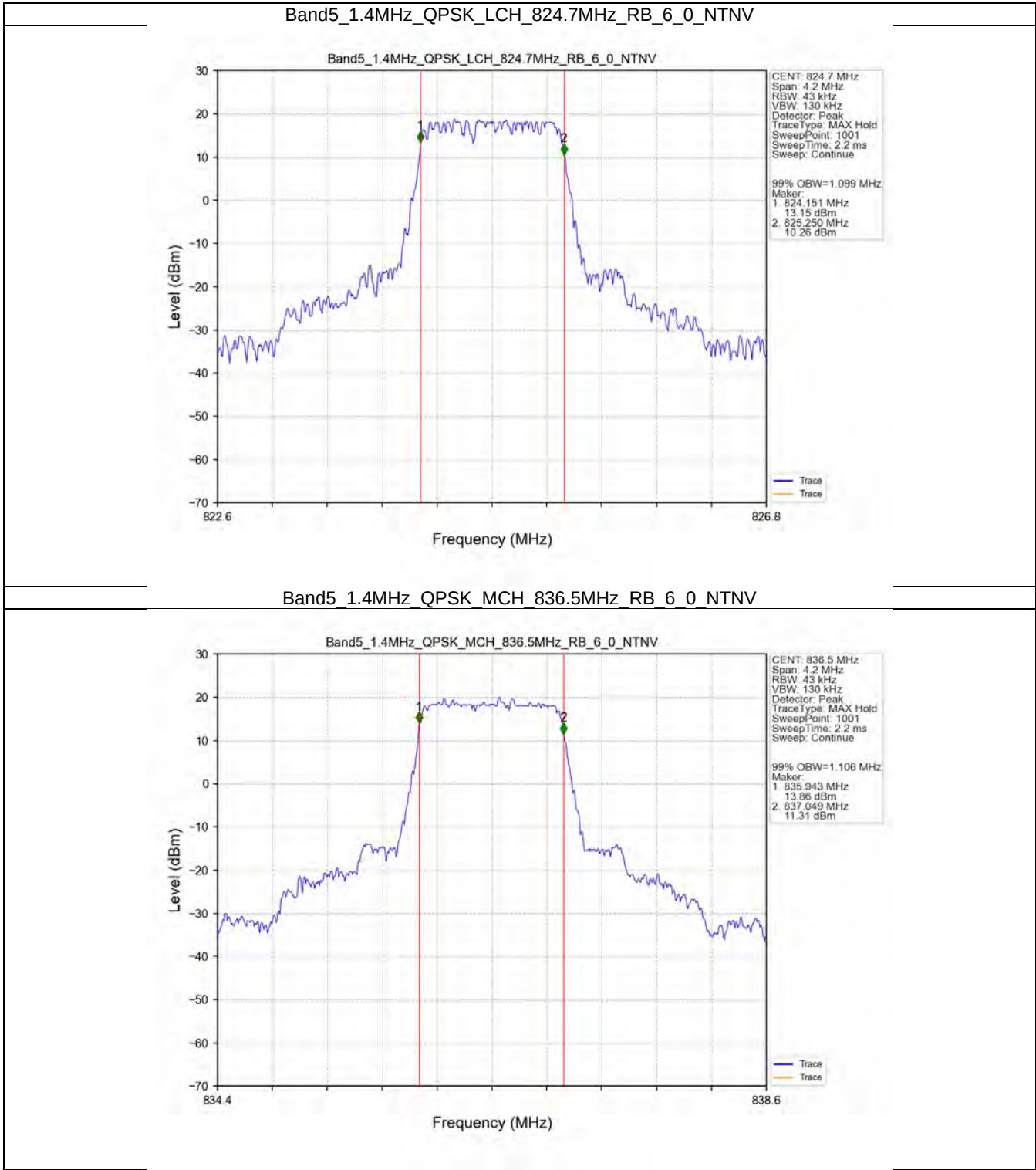
Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.099	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.099	/	Pass
	16QAM	824.7	6	0	1.101	/	Pass
		836.5	6	0	1.118	/	Pass
		848.3	6	0	1.095	/	Pass
3	QPSK	825.5	15	0	2.719	/	Pass
		836.5	15	0	2.731	/	Pass
		847.5	15	0	2.721	/	Pass
	16QAM	825.5	15	0	2.713	/	Pass
		836.5	15	0	2.729	/	Pass
		847.5	15	0	2.717	/	Pass
5	QPSK	826.5	25	0	4.562	/	Pass
		836.5	25	0	4.538	/	Pass
		846.5	25	0	4.539	/	Pass
	16QAM	826.5	25	0	4.527	/	Pass
		836.5	25	0	4.546	/	Pass
		846.5	25	0	4.558	/	Pass
10	QPSK	829	50	0	9.052	/	Pass
		836.5	50	0	9.058	/	Pass
		844	50	0	9.021	/	Pass
	16QAM	829	50	0	9.009	/	Pass
		836.5	50	0	9.027	/	Pass
		844	50	0	9.003	/	Pass

3.1.2 Band5_XDB

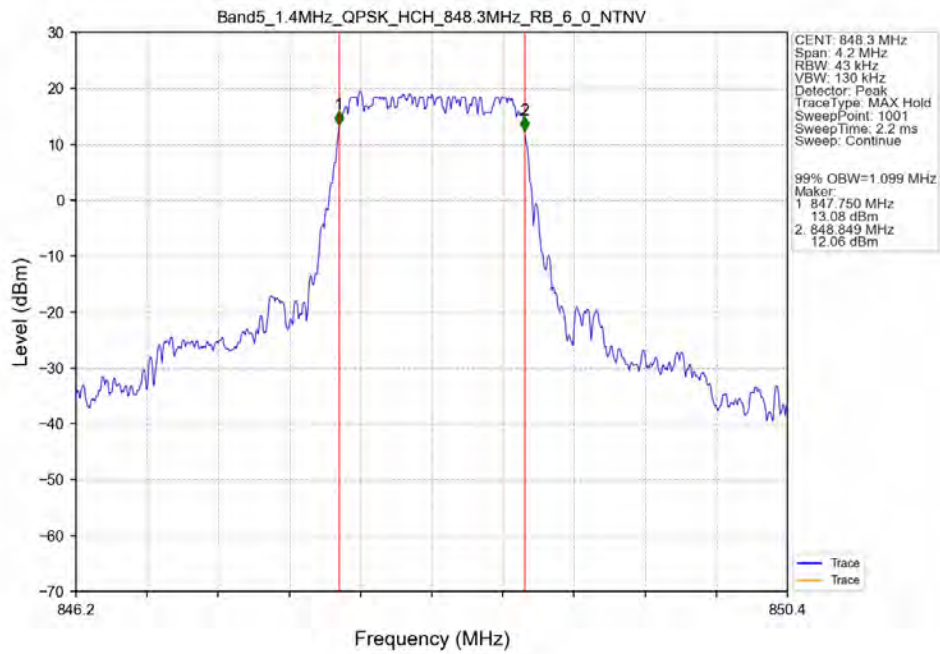
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.321	/	Pass
		836.5	6	0	1.307	/	Pass
		848.3	6	0	1.298	/	Pass
	16QAM	824.7	6	0	1.278	/	Pass
		836.5	6	0	1.328	/	Pass
		848.3	6	0	1.319	/	Pass
3	QPSK	825.5	15	0	3.001	/	Pass
		836.5	15	0	3.018	/	Pass
		847.5	15	0	3.011	/	Pass
	16QAM	825.5	15	0	3.008	/	Pass
		836.5	15	0	3.011	/	Pass
		847.5	15	0	3.023	/	Pass
5	QPSK	826.5	25	0	5.082	/	Pass
		836.5	25	0	5.048	/	Pass
		846.5	25	0	5.033	/	Pass
	16QAM	826.5	25	0	5.062	/	Pass
		836.5	25	0	5.106	/	Pass
		846.5	25	0	5.066	/	Pass
10	QPSK	829	50	0	10.118	/	Pass
		836.5	50	0	10.097	/	Pass
		844	50	0	9.986	/	Pass
	16QAM	829	50	0	10.023	/	Pass
		836.5	50	0	10.093	/	Pass
		844	50	0	9.954	/	Pass

3.2 Test Graph

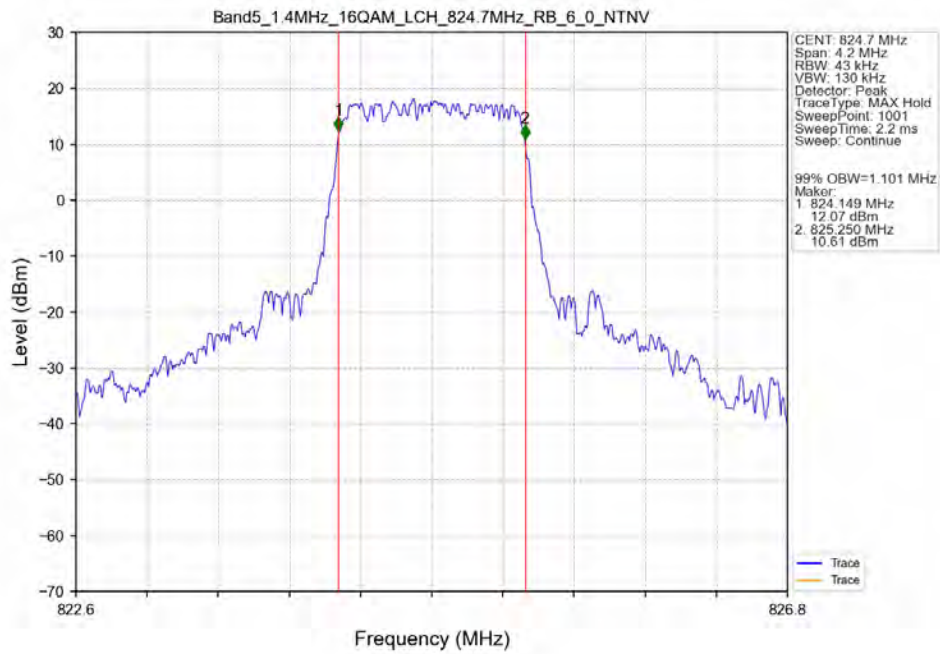
3.2.1 Band5_OBW



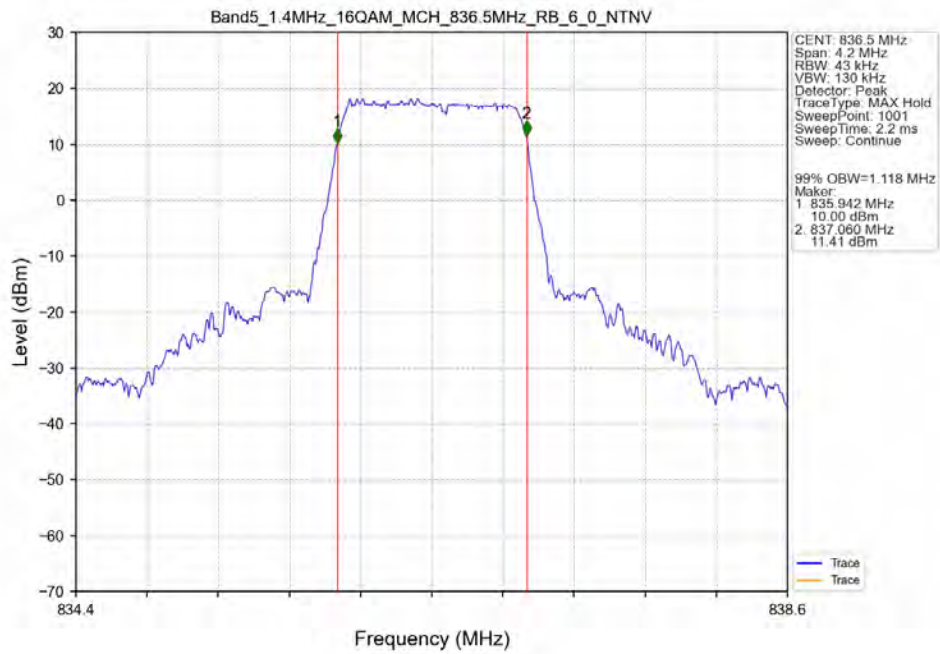
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



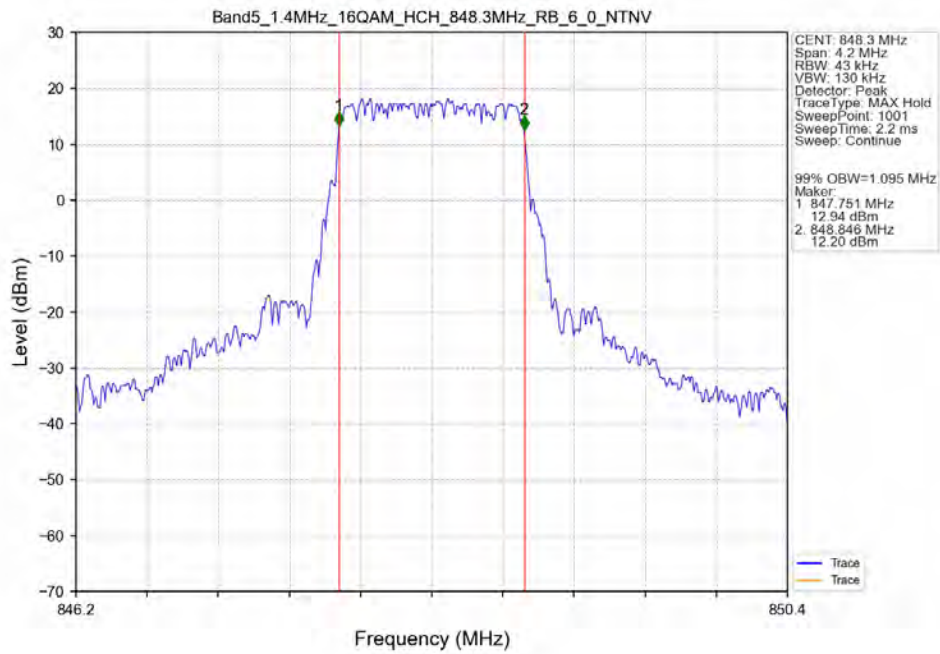
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



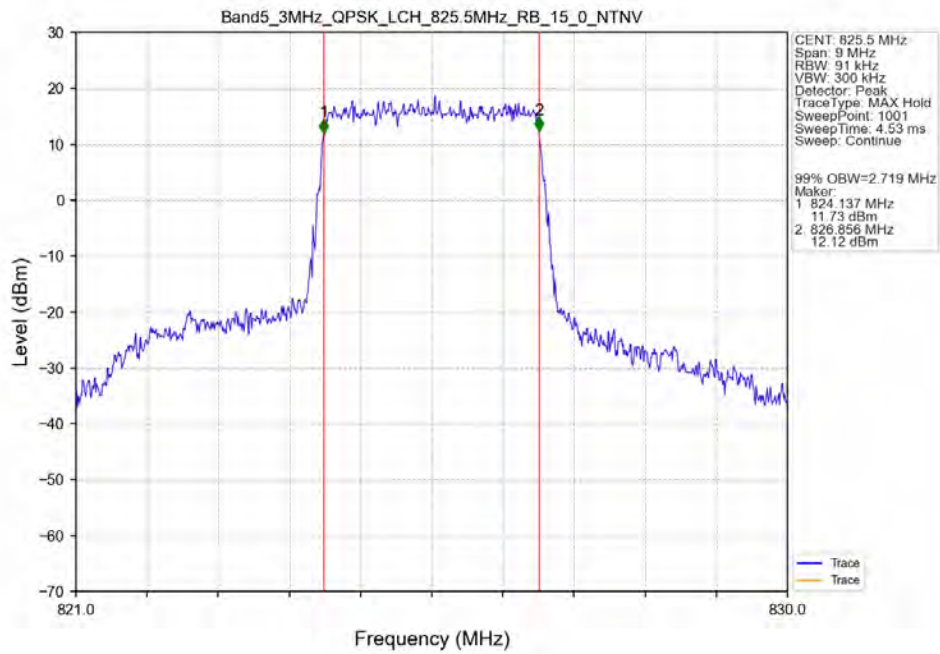
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



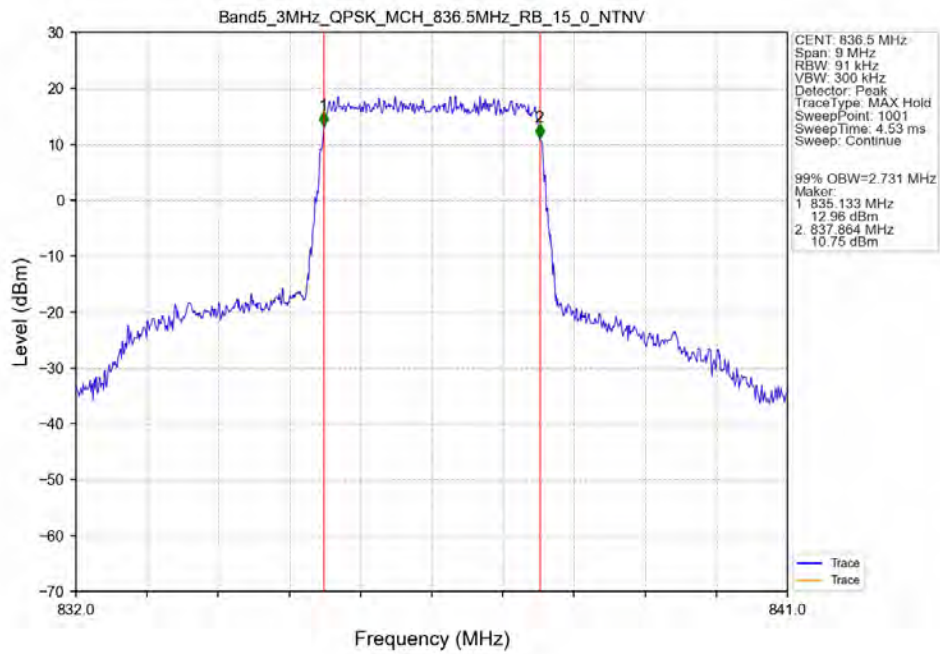
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



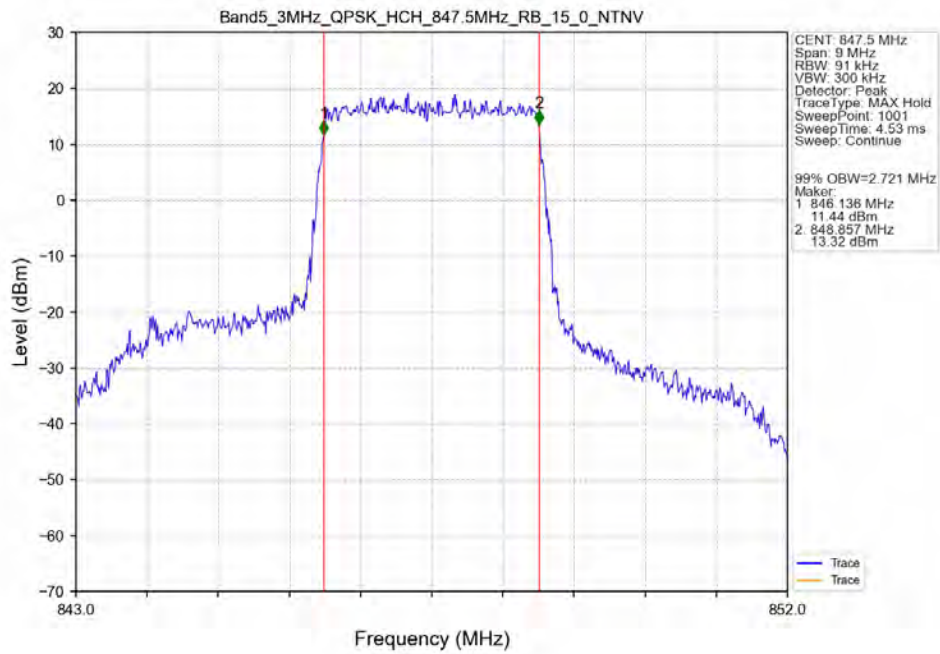
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



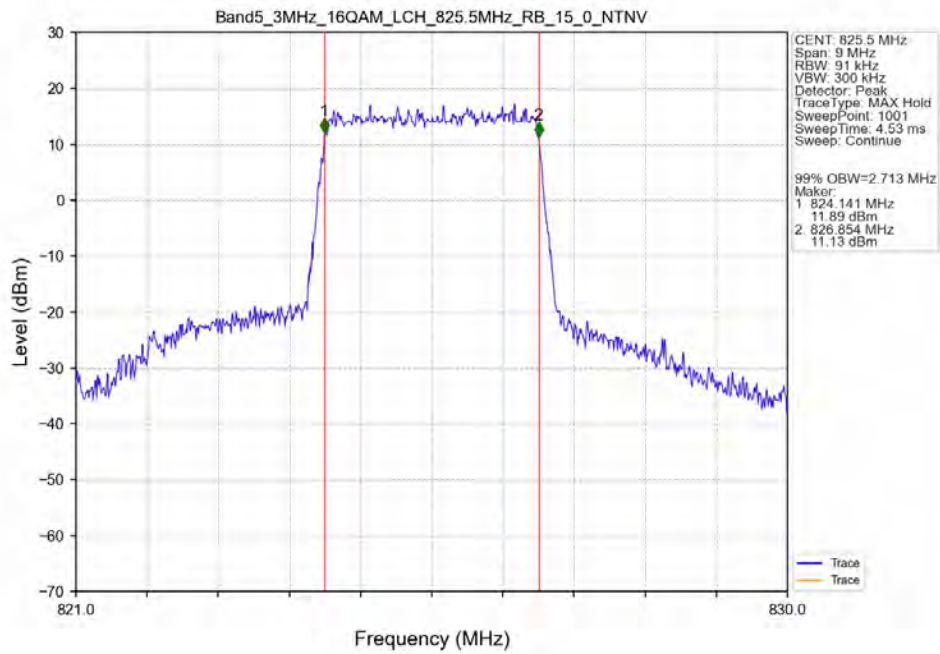
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



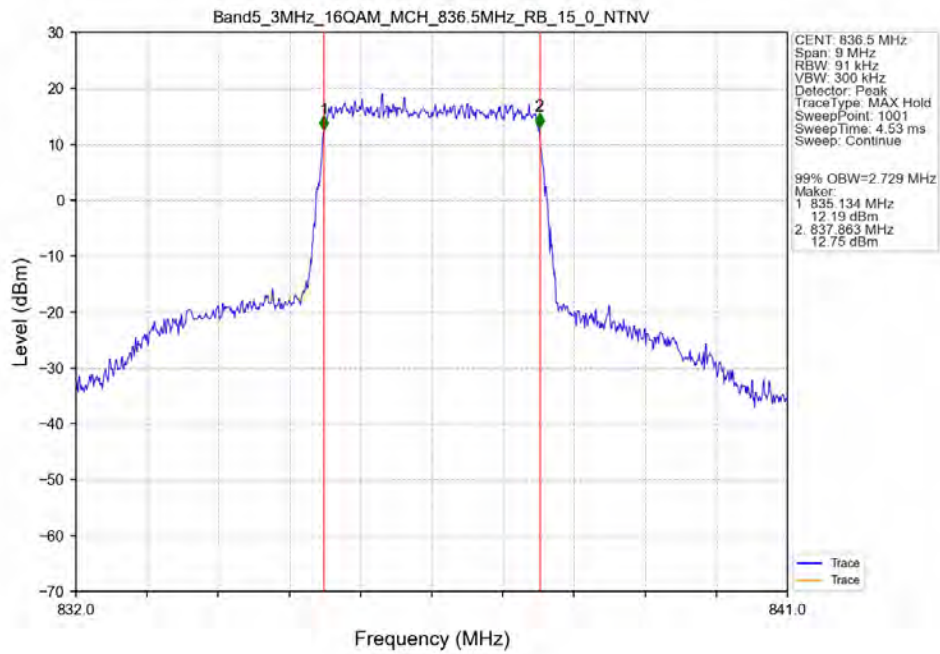
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



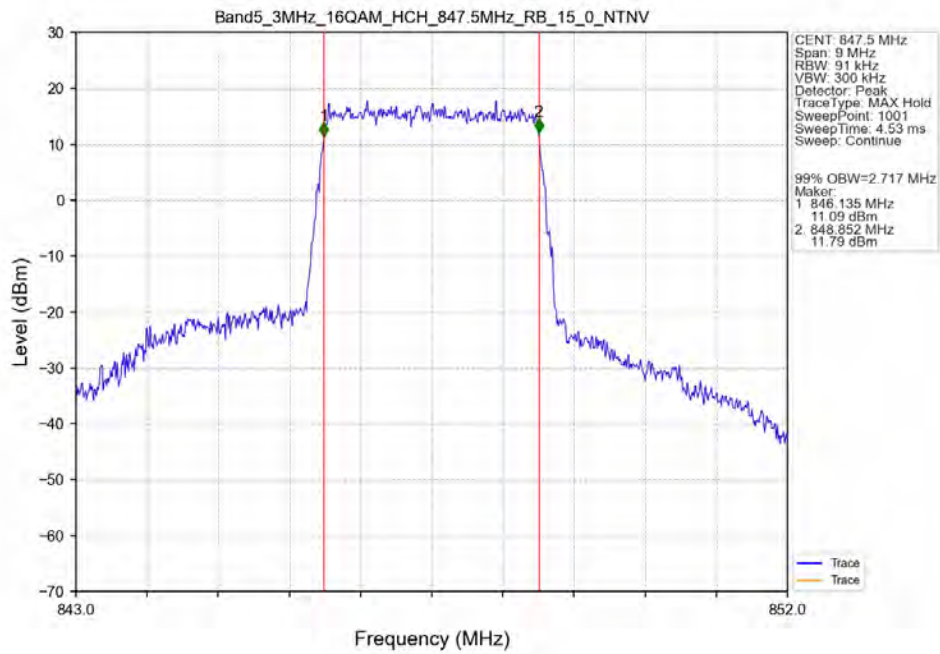
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



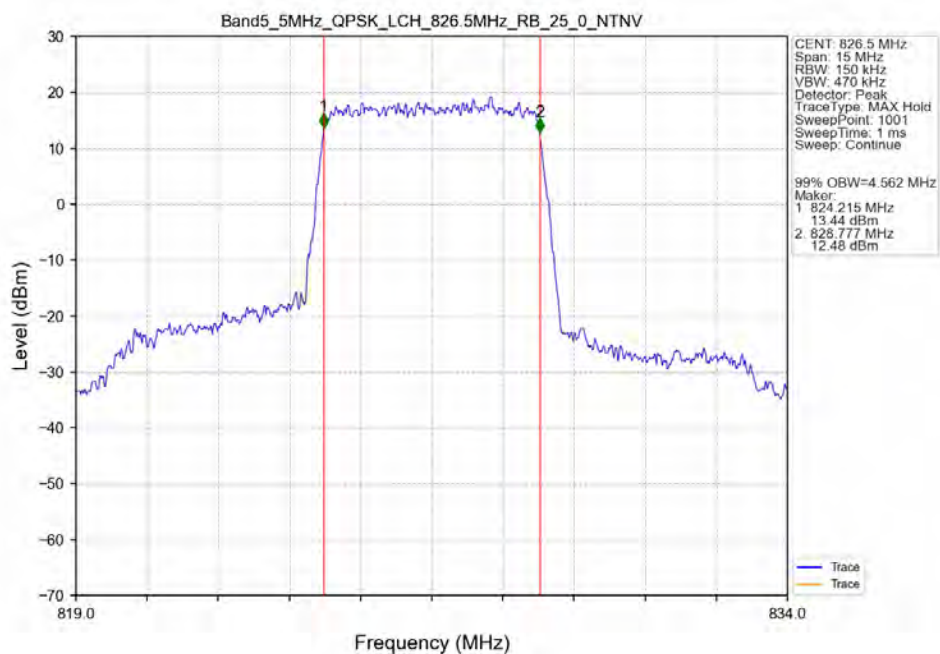
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



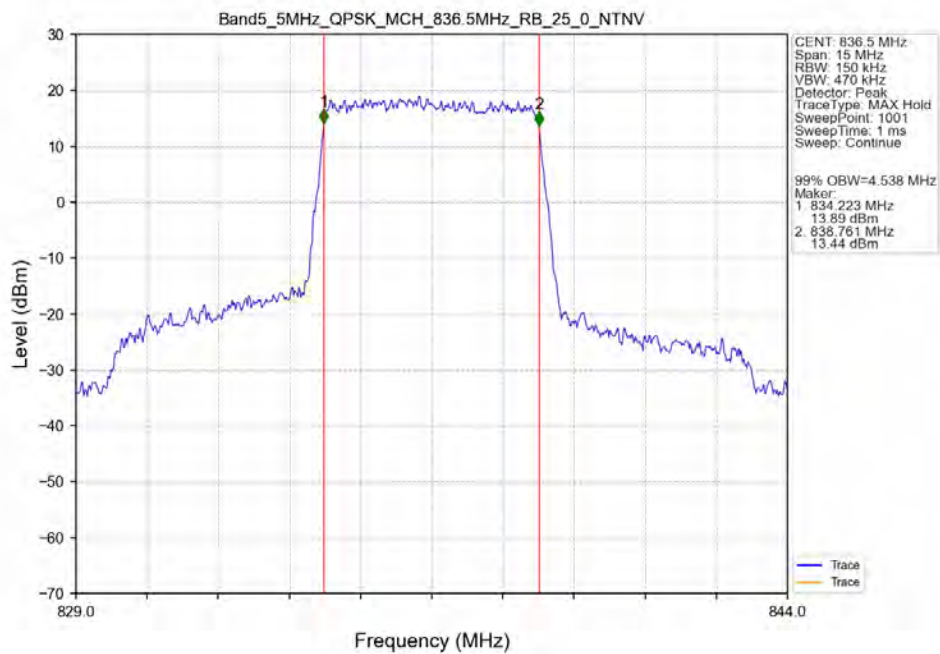
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



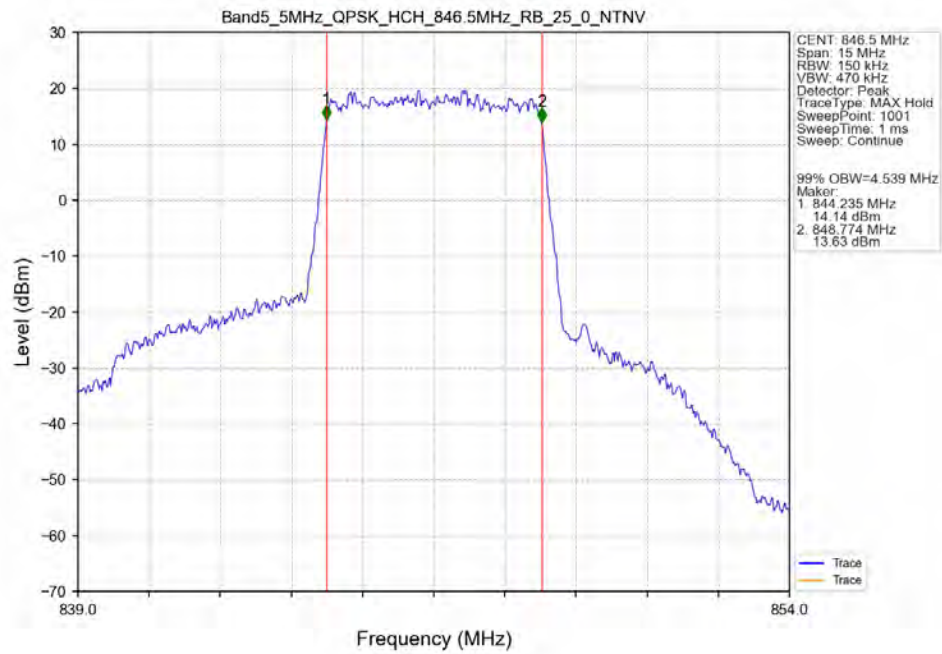
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



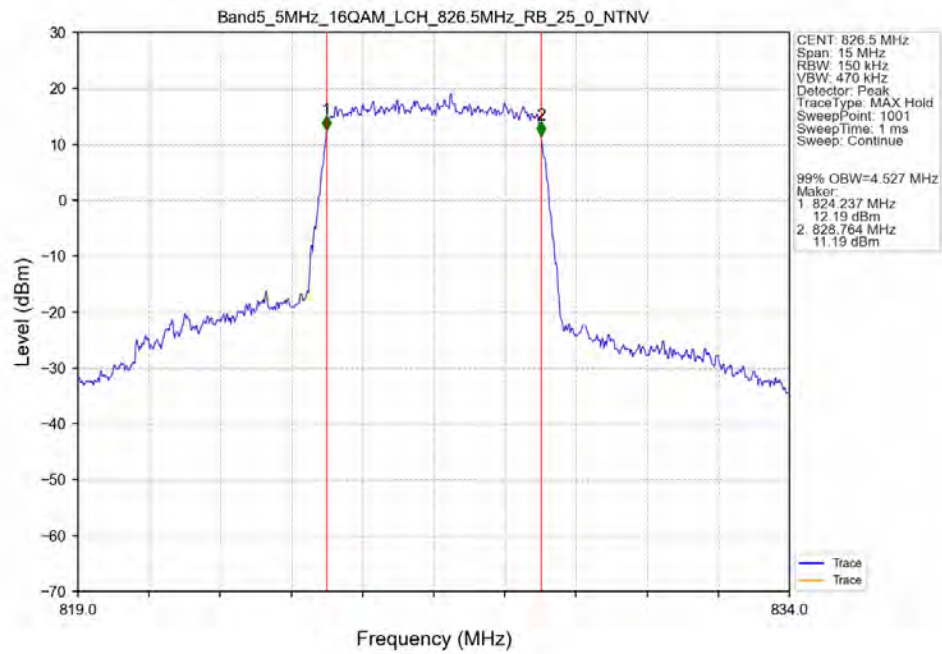
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



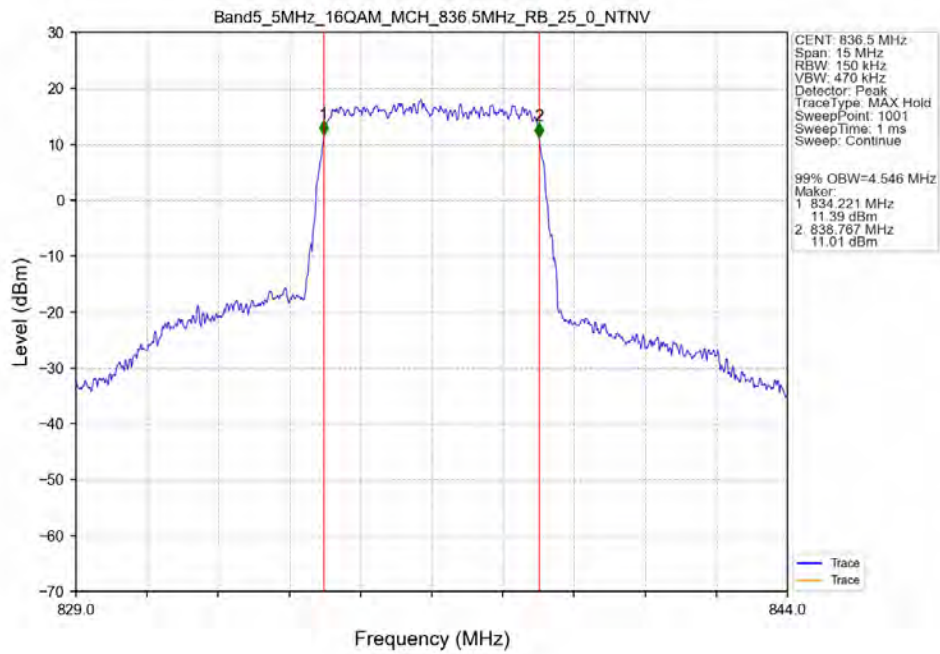
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



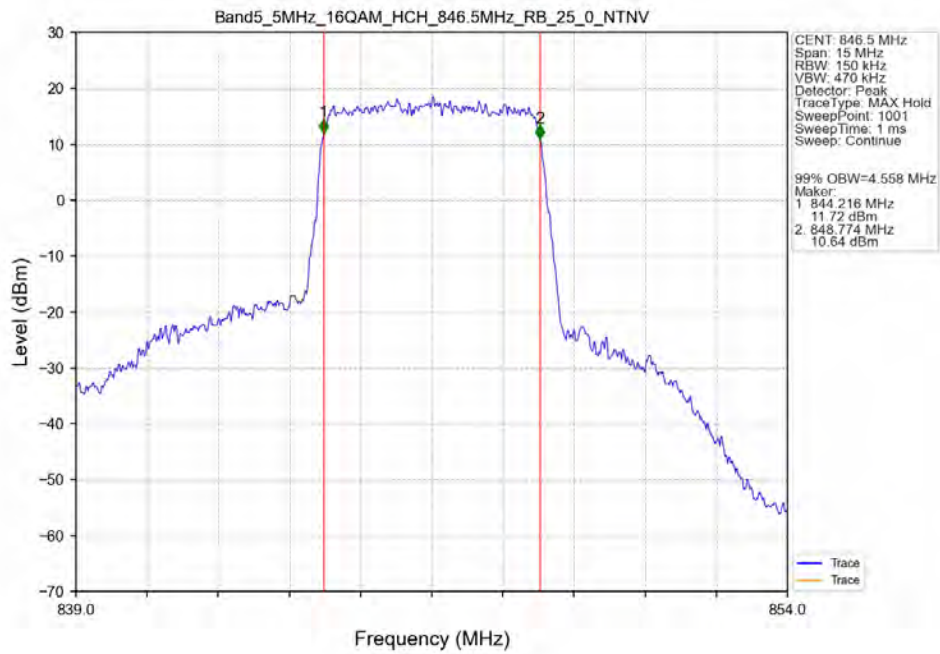
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



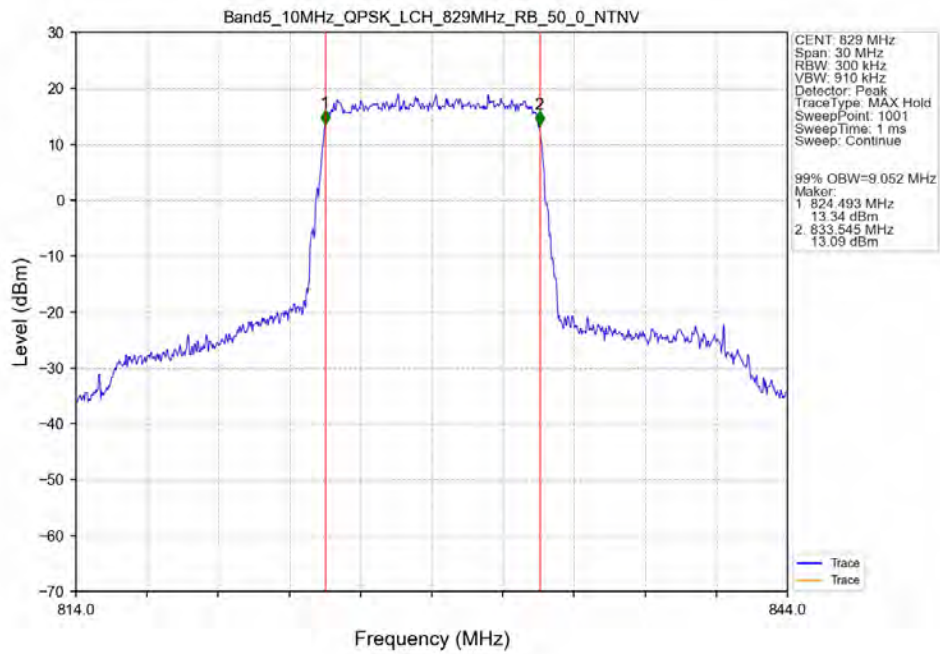
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



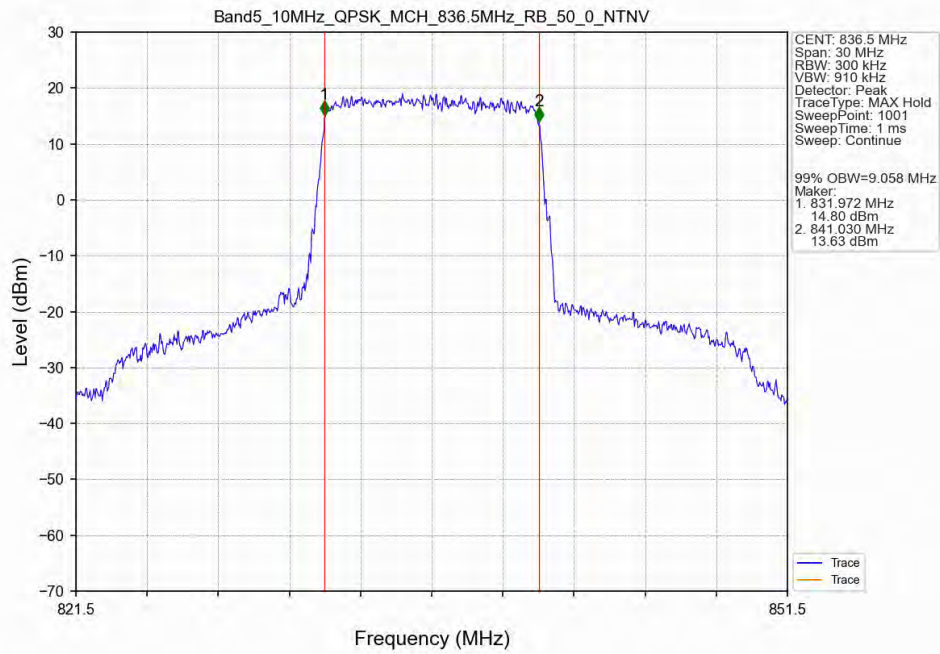
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



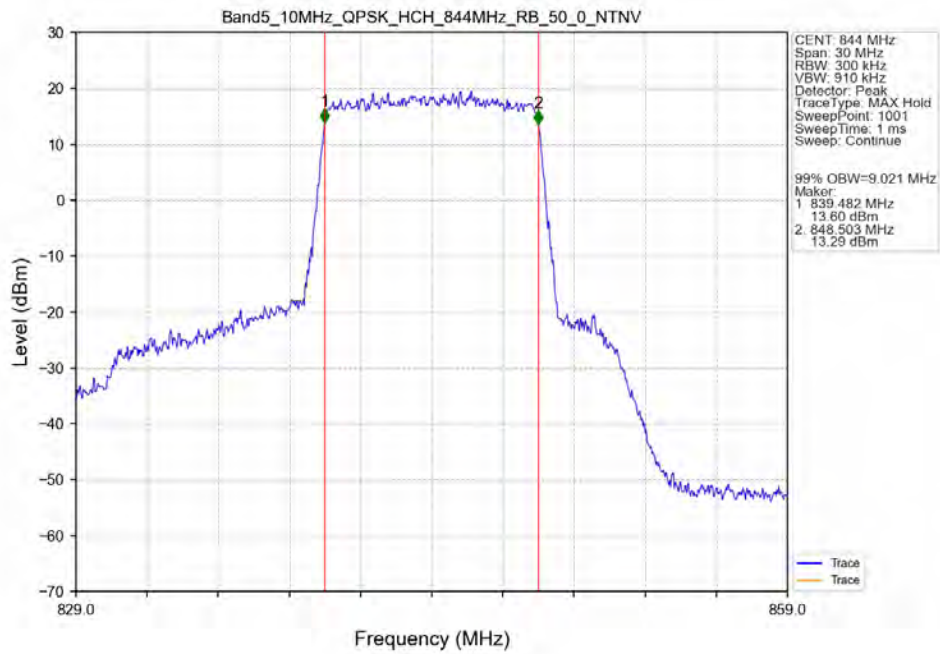
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



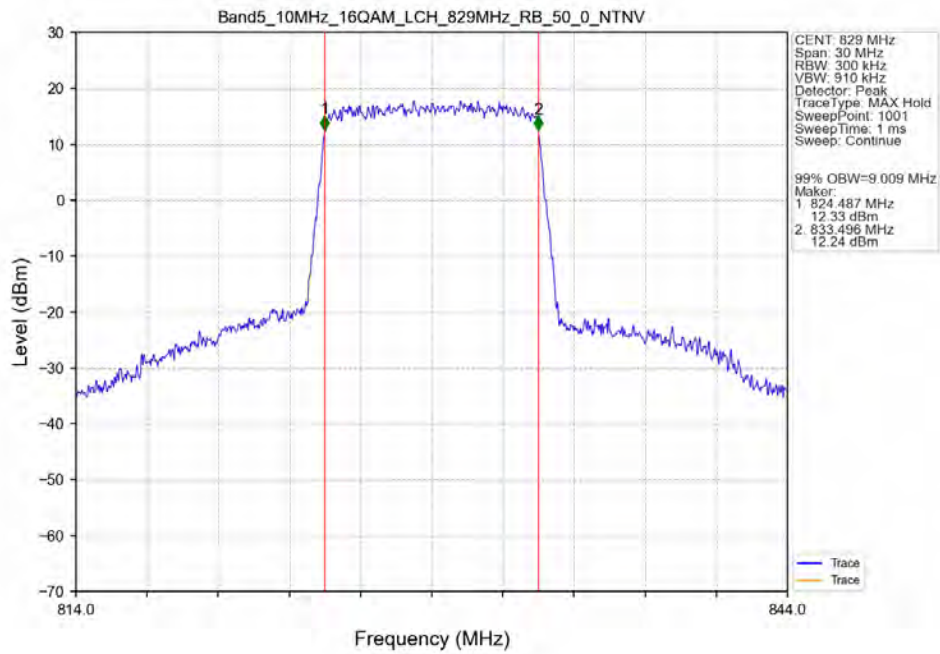
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



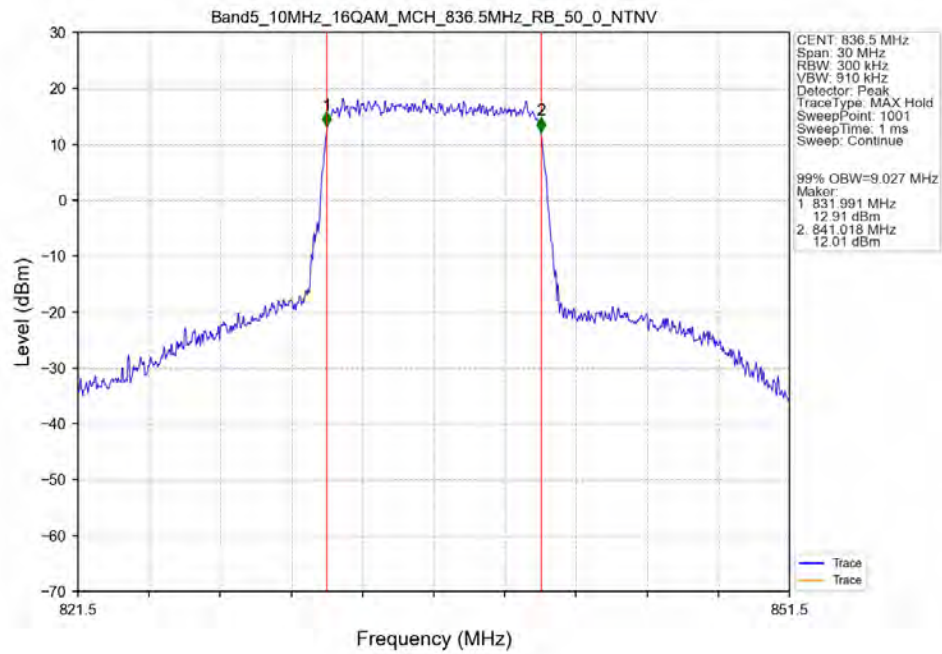
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



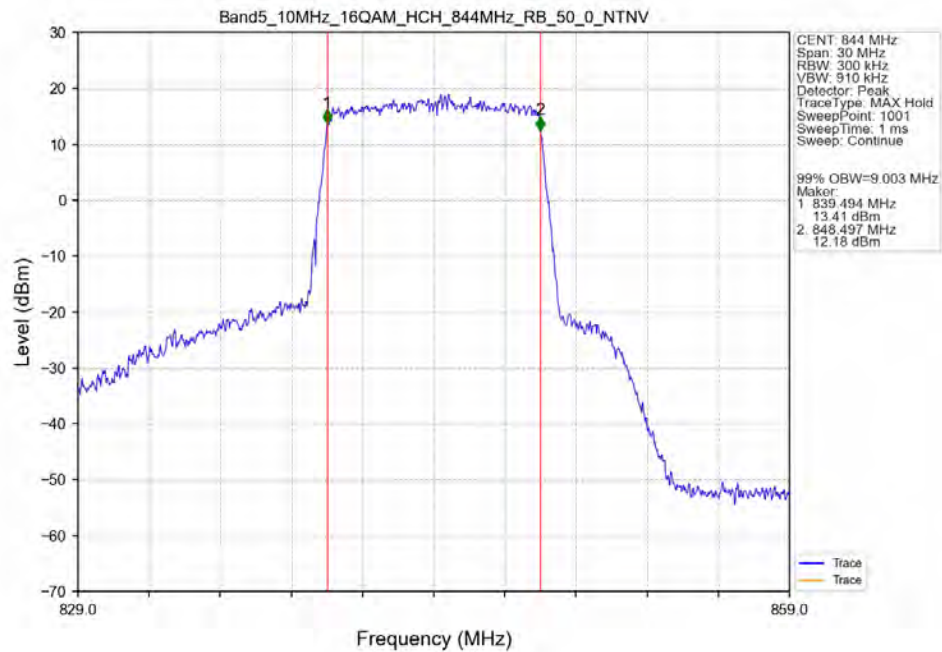
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTN

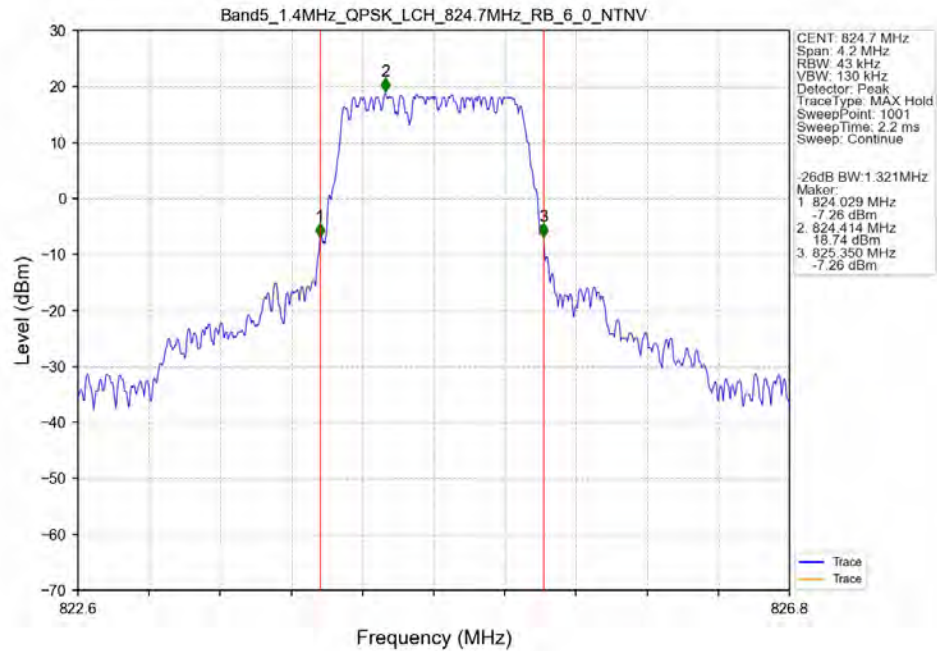


Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTN

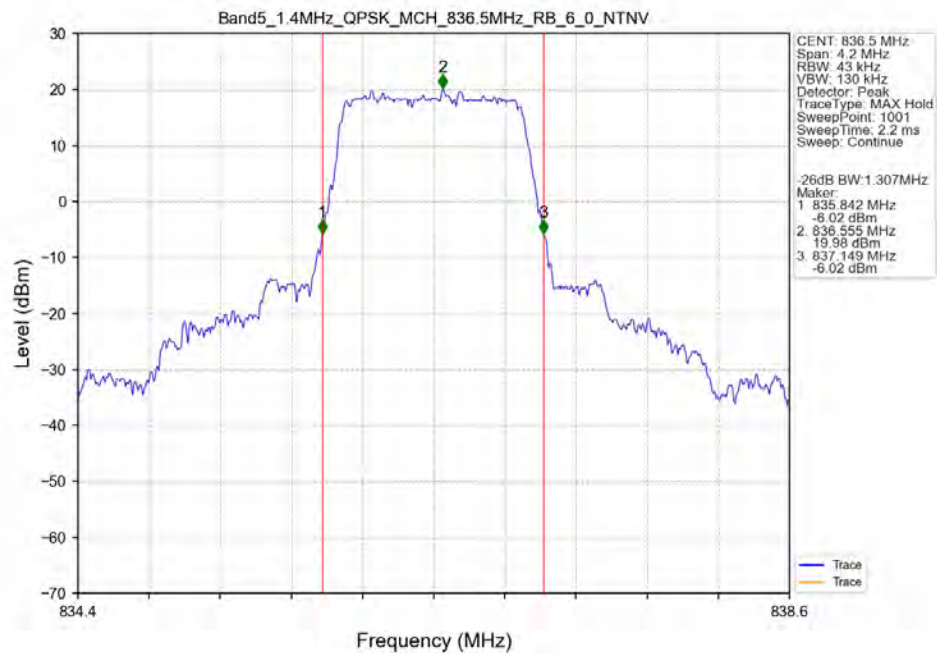


3.2.2 Band5_XDB

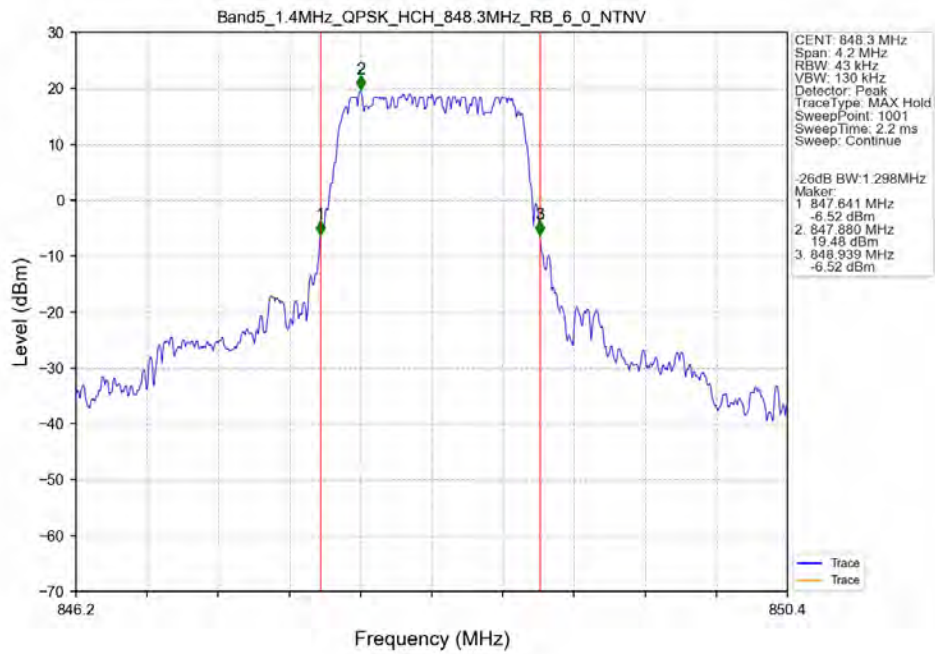
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



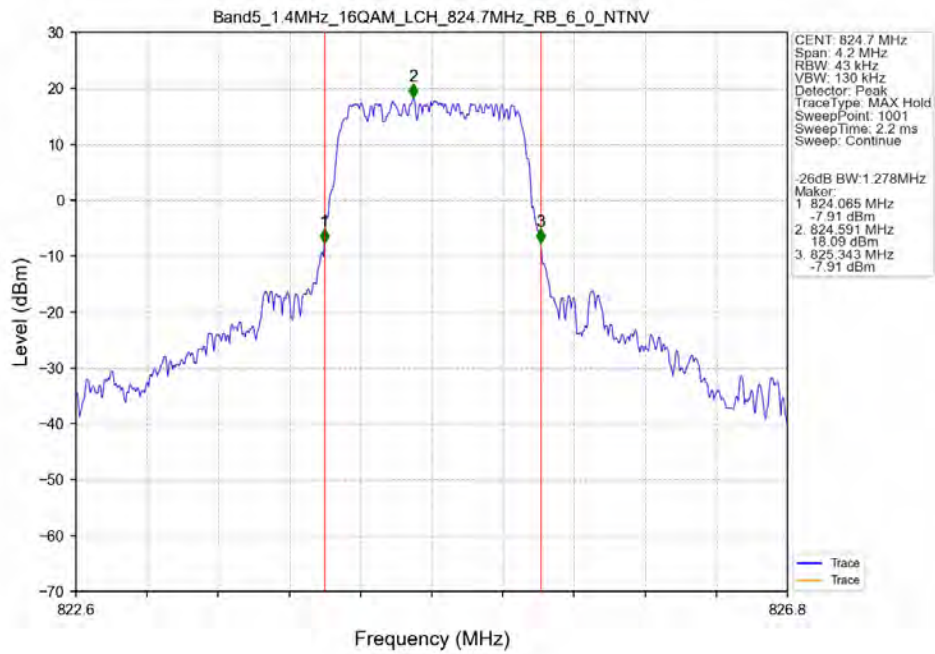
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



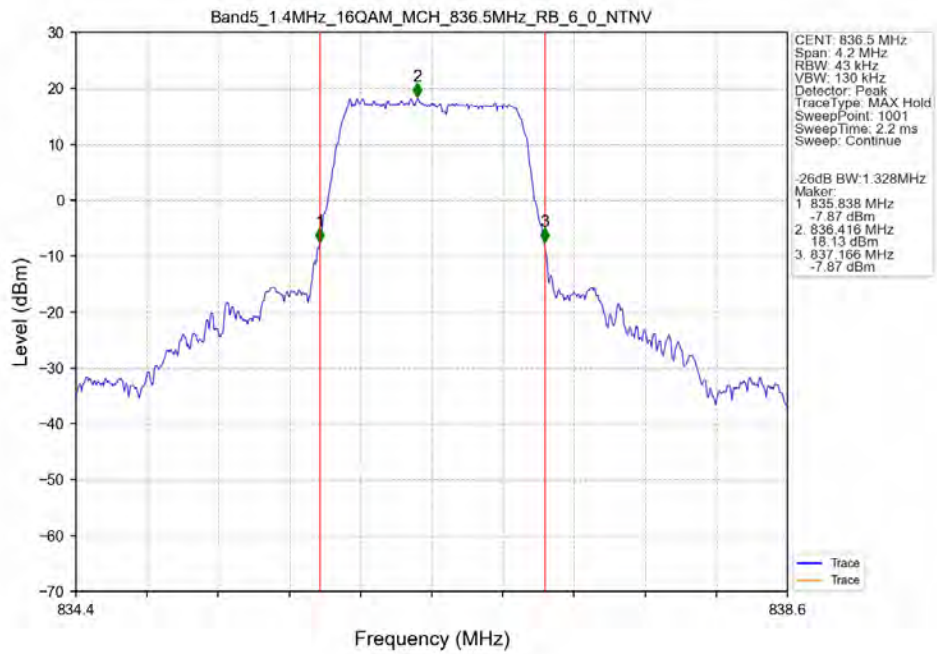
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



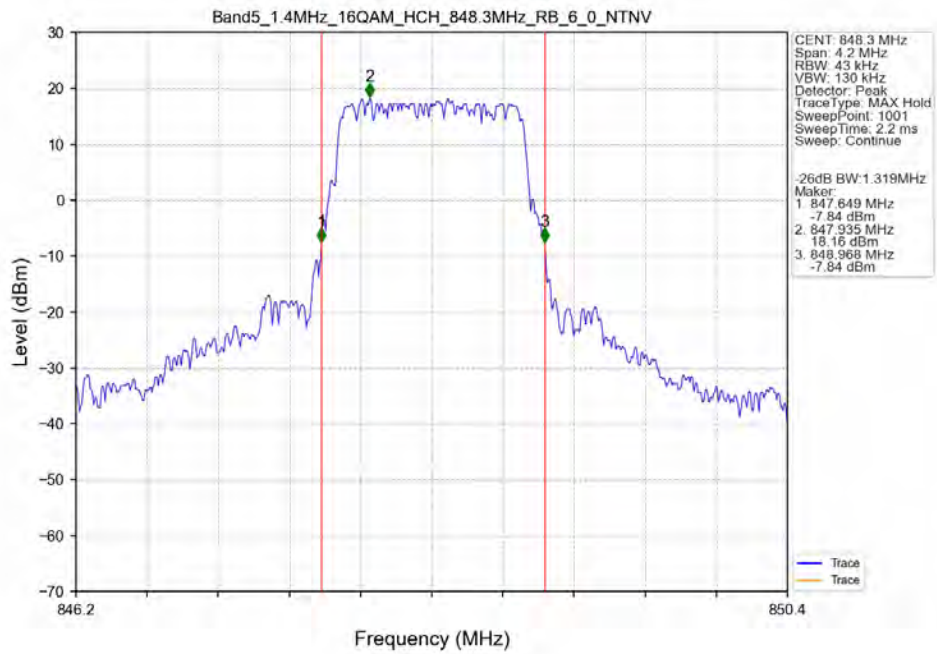
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



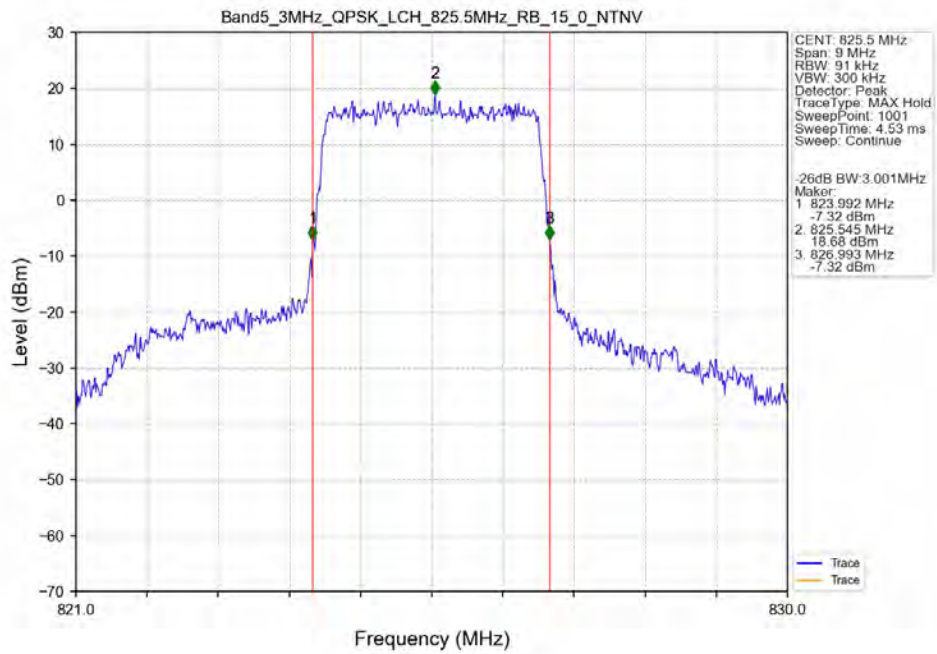
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



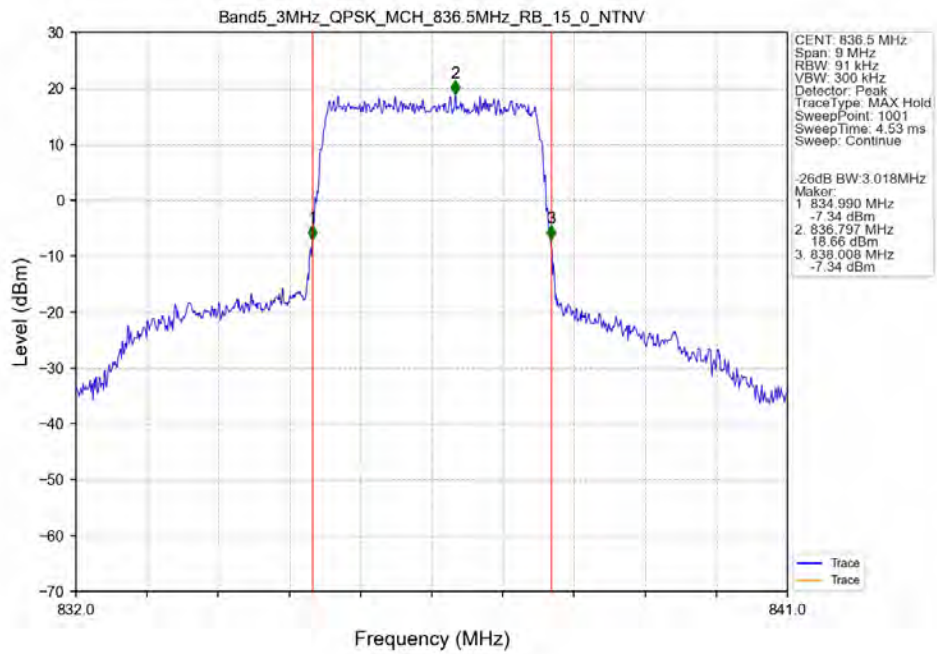
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



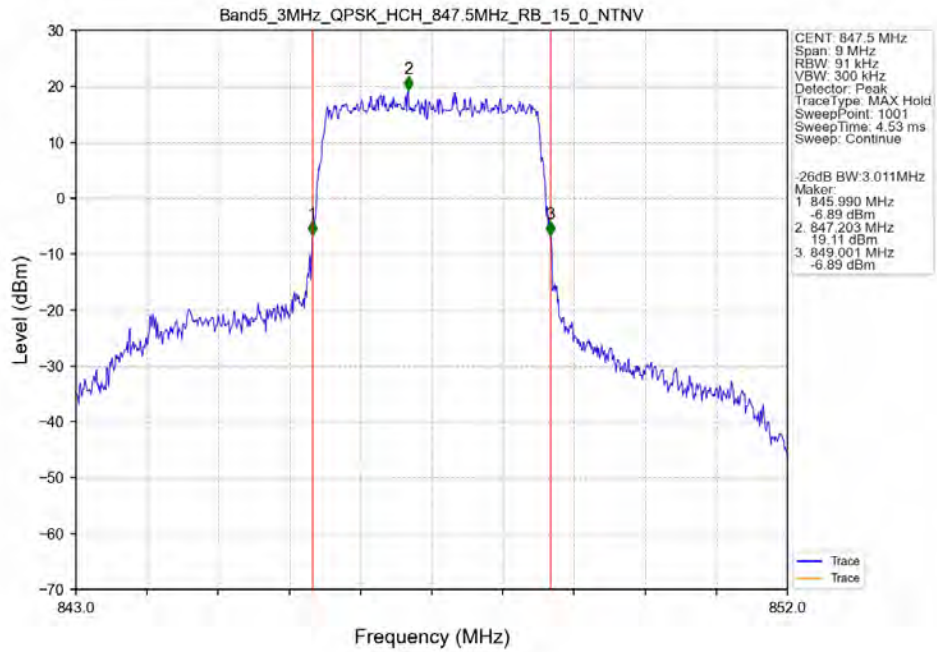
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



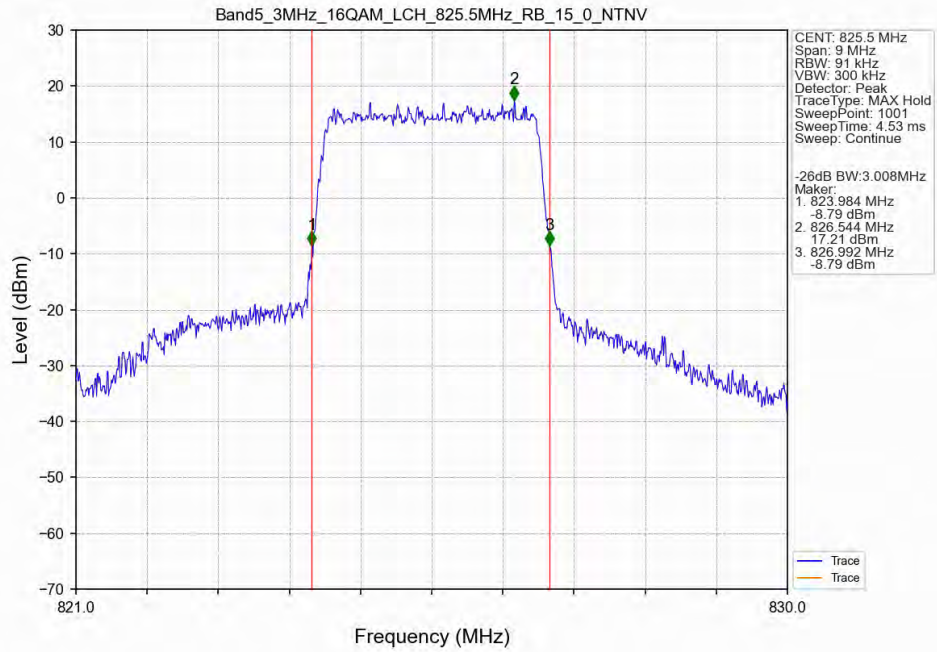
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



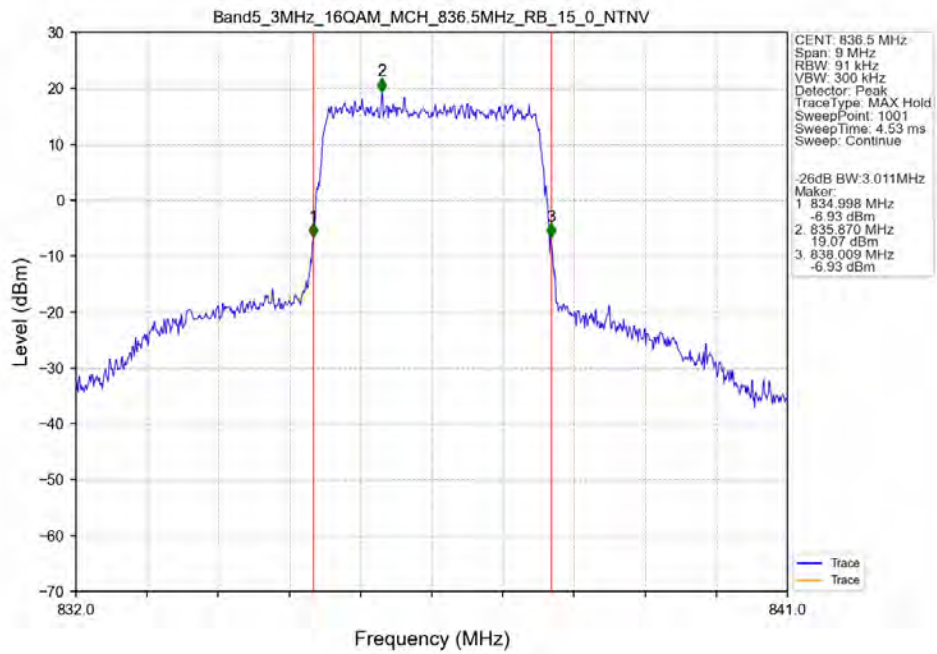
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



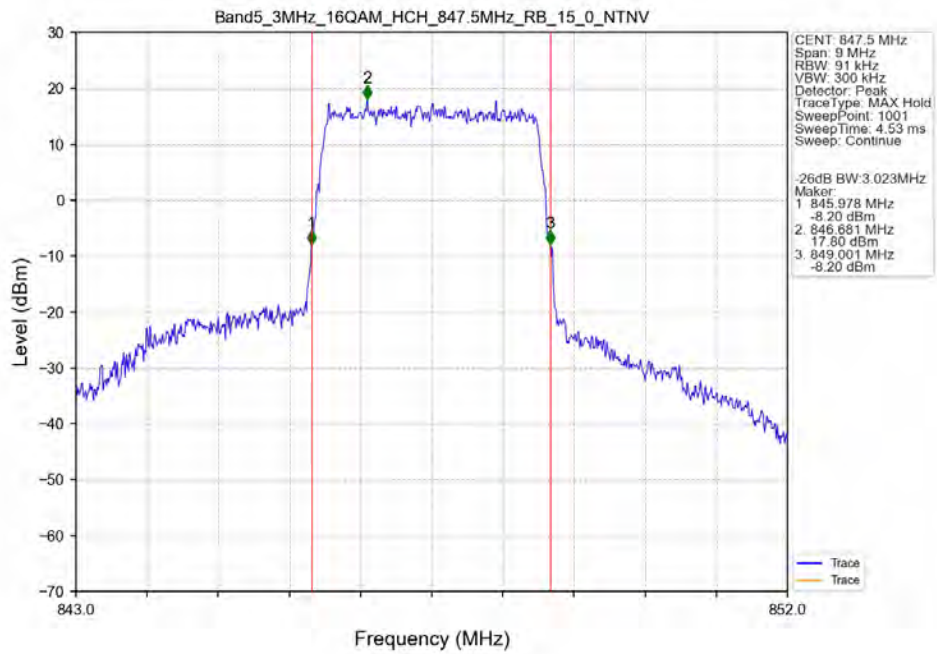
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



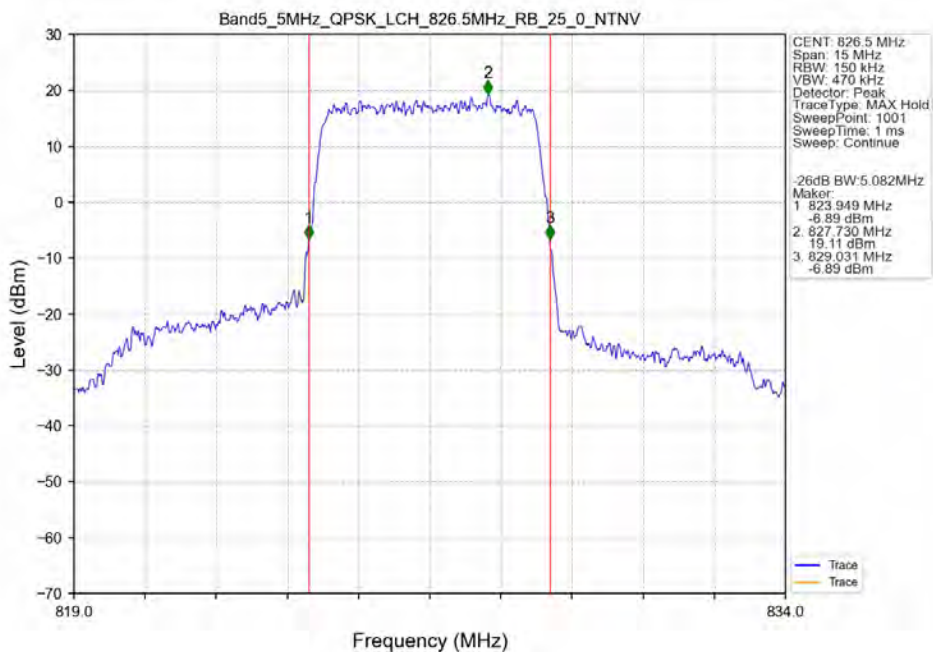
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



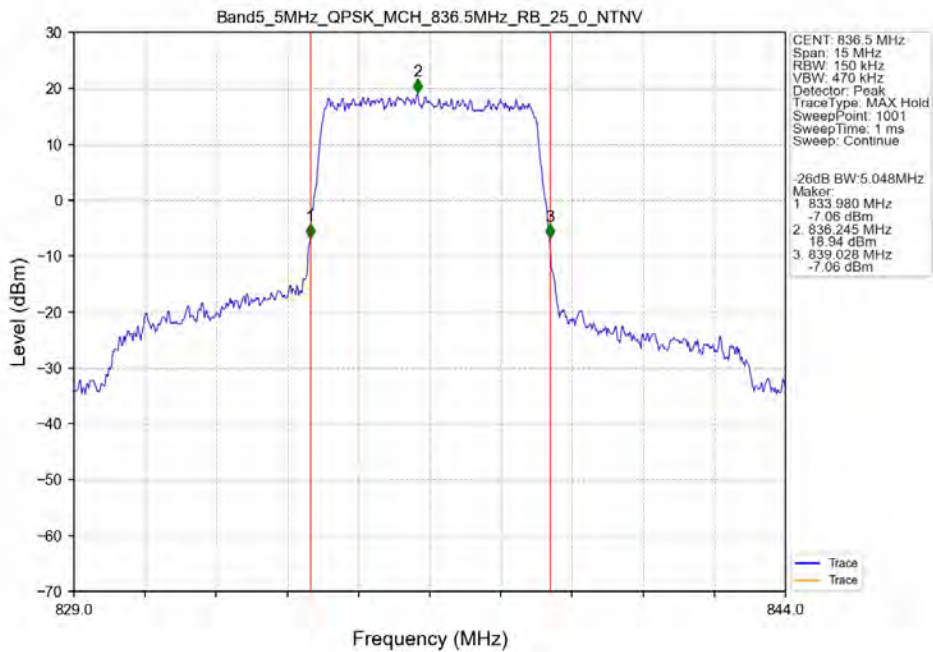
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



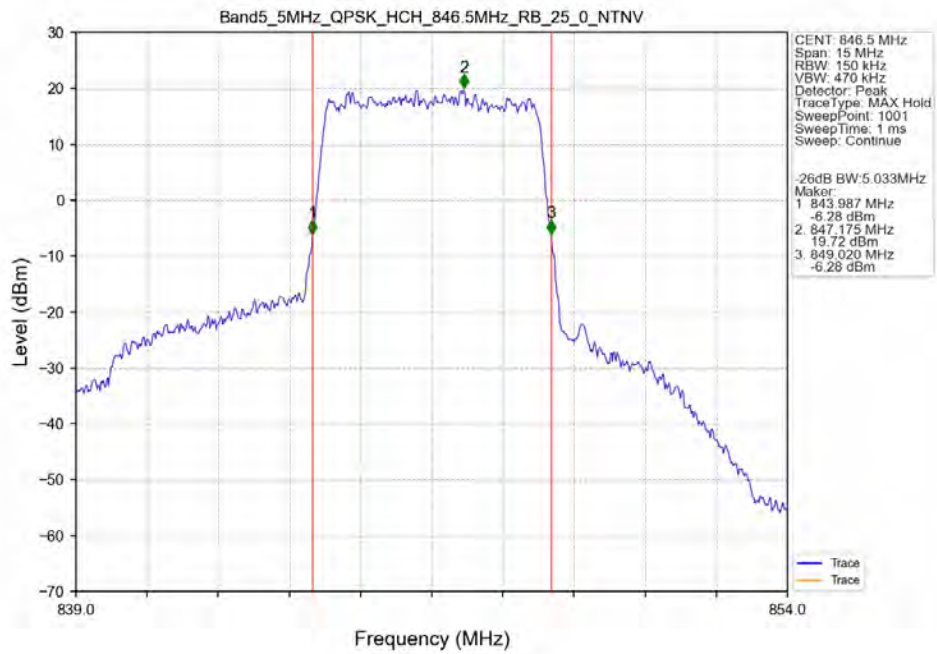
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



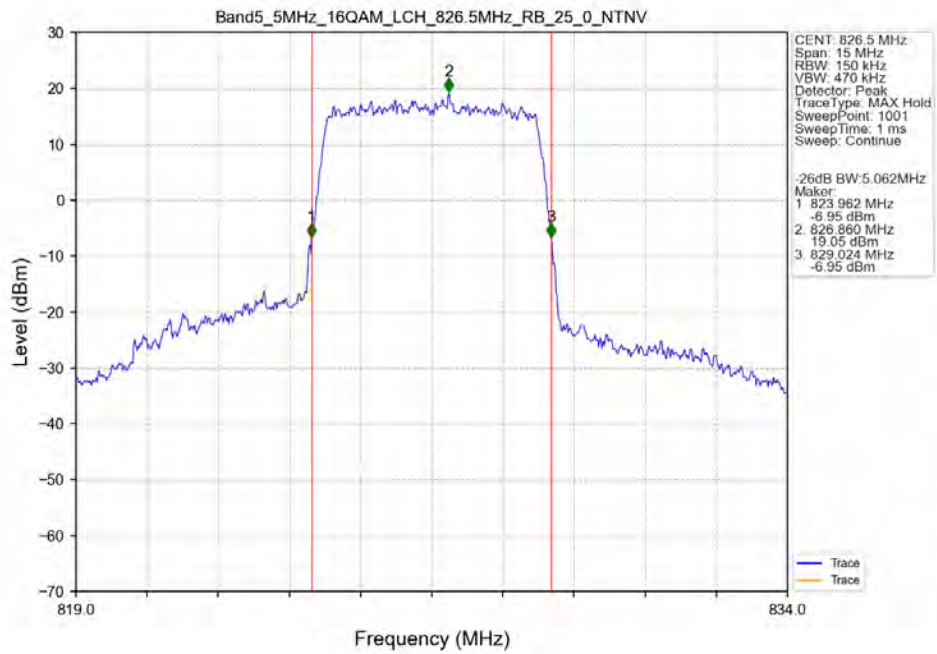
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



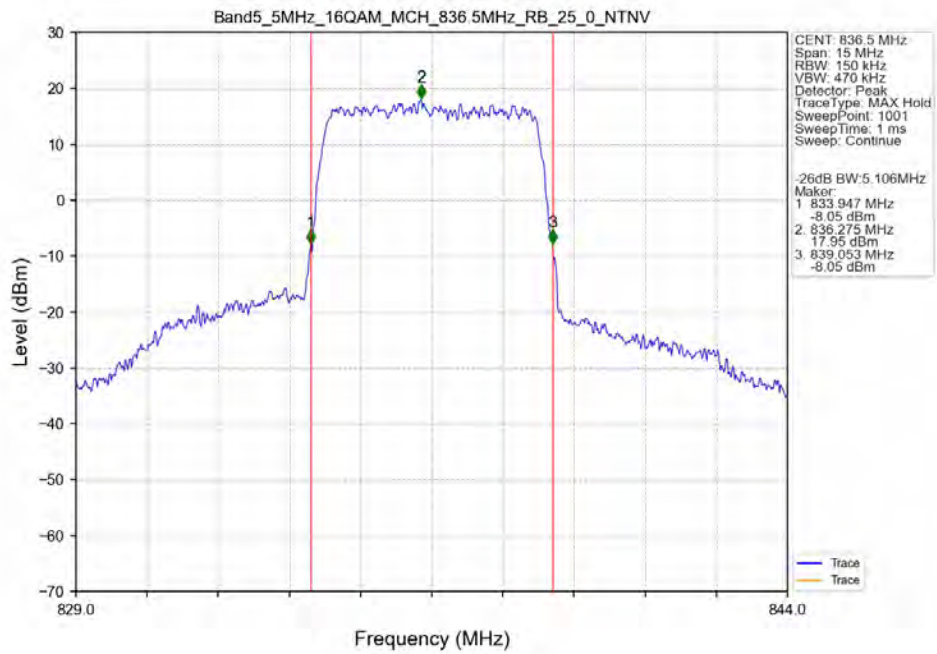
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



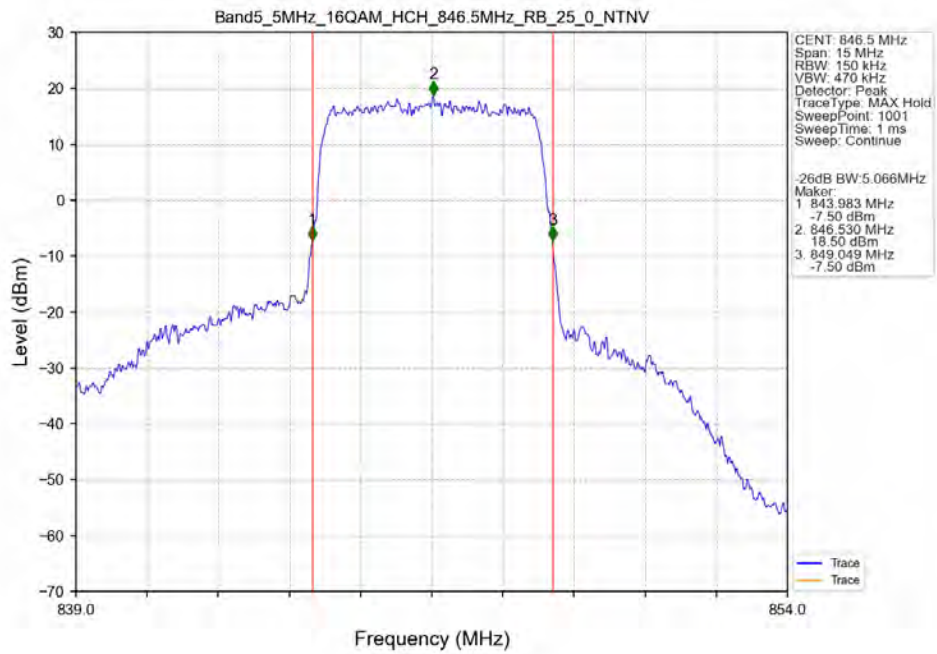
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



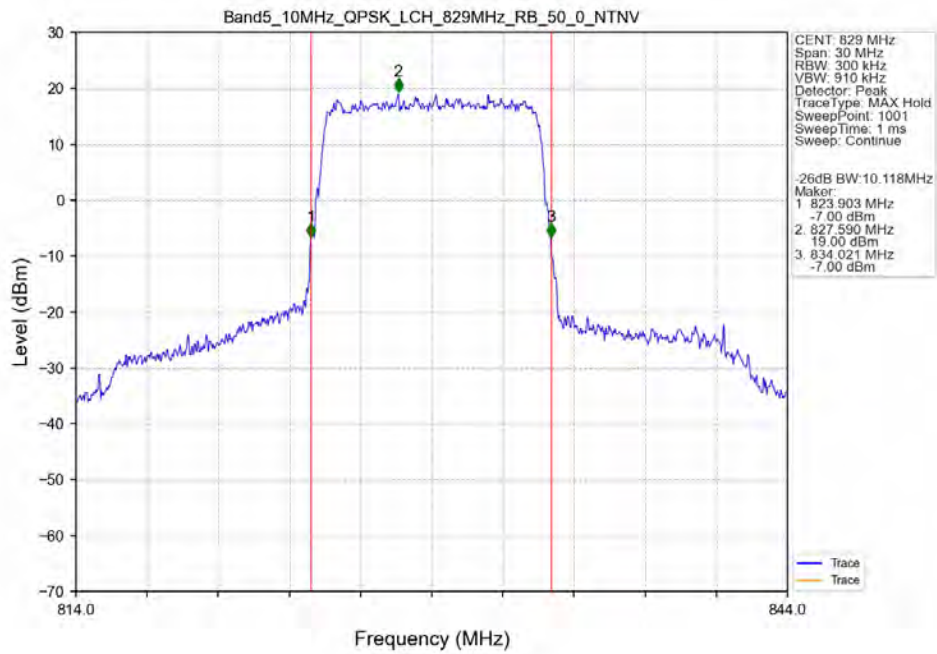
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



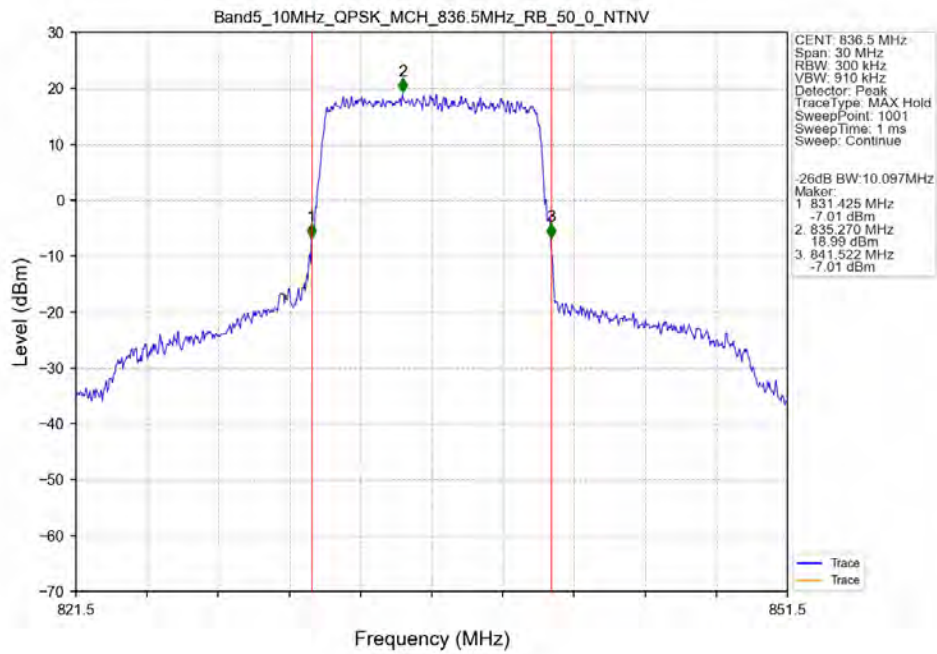
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



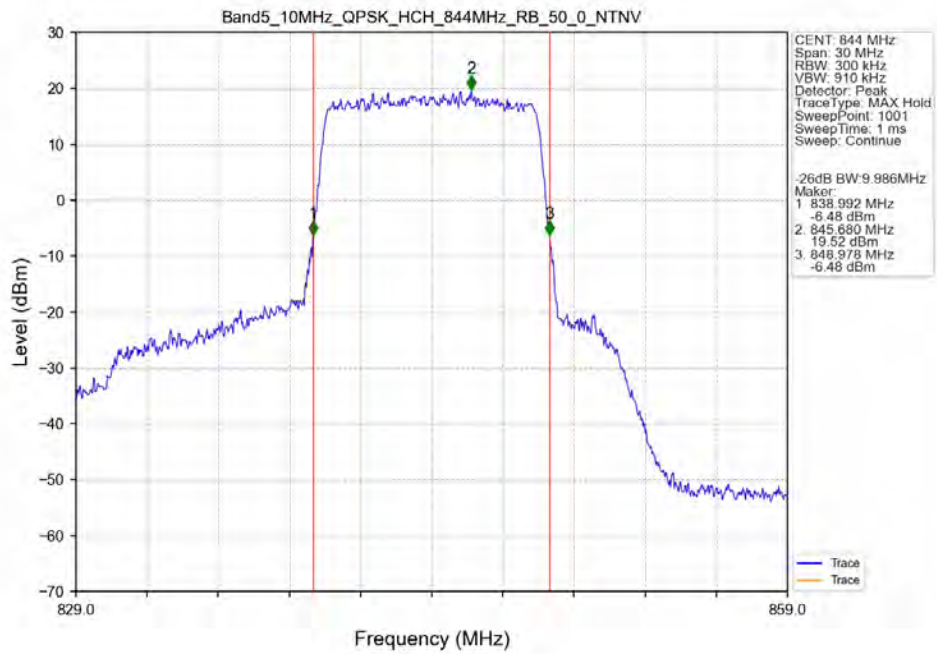
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



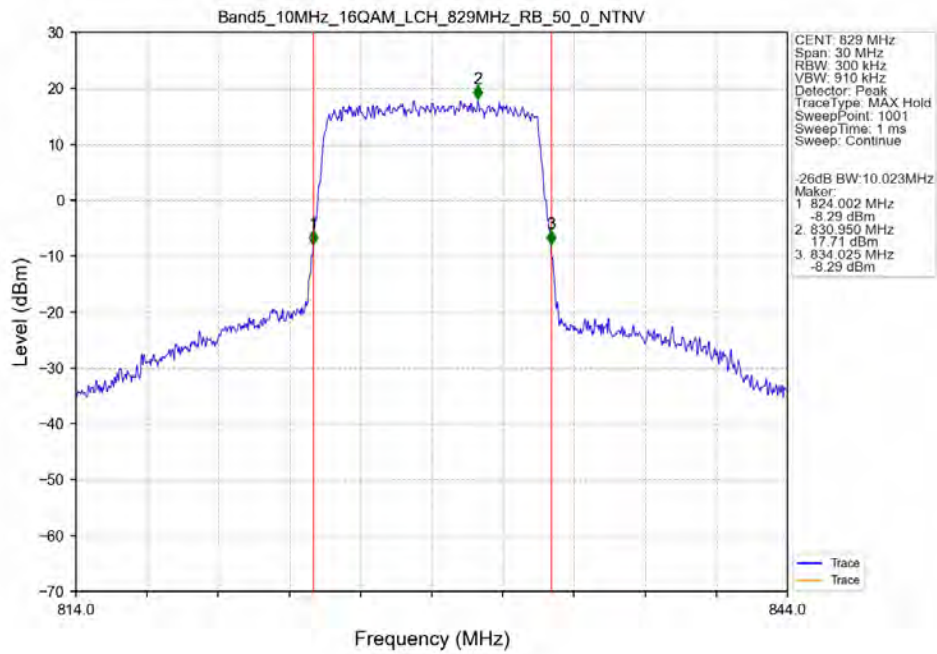
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



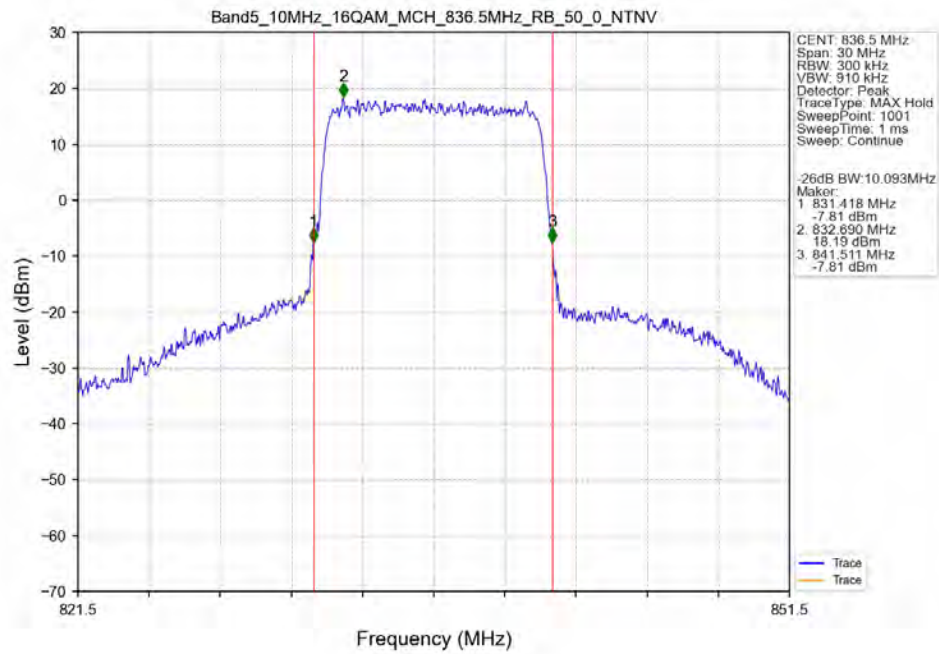
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



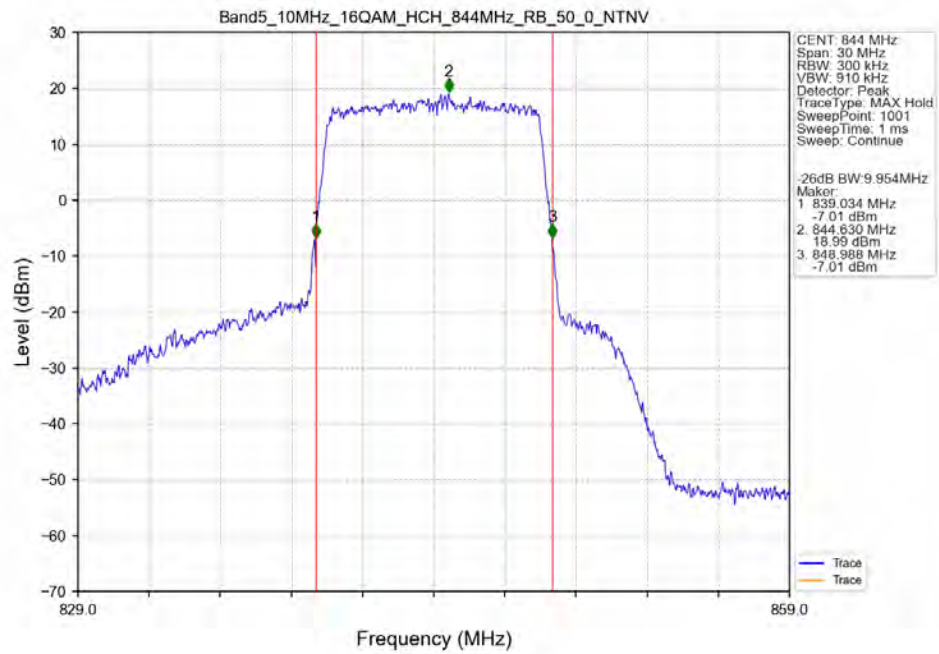
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.30	<=13	Pass
	836.5	6	0	5.26	<=13	Pass
	848.3	6	0	5.12	<=13	Pass
16QAM	824.7	6	0	6.22	<=13	Pass
	836.5	6	0	6.13	<=13	Pass
	848.3	6	0	6.03	<=13	Pass

4.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.35	<=13	Pass
	836.5	15	0	5.35	<=13	Pass
	847.5	15	0	5.29	<=13	Pass
16QAM	825.5	15	0	6.24	<=13	Pass
	836.5	15	0	6.20	<=13	Pass
	847.5	15	0	6.18	<=13	Pass

4.1.3 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	5.23	<=13	Pass
	836.5	25	0	5.26	<=13	Pass
	846.5	25	0	5.20	<=13	Pass
16QAM	826.5	25	0	6.07	<=13	Pass
	836.5	25	0	6.10	<=13	Pass
	846.5	25	0	6.06	<=13	Pass

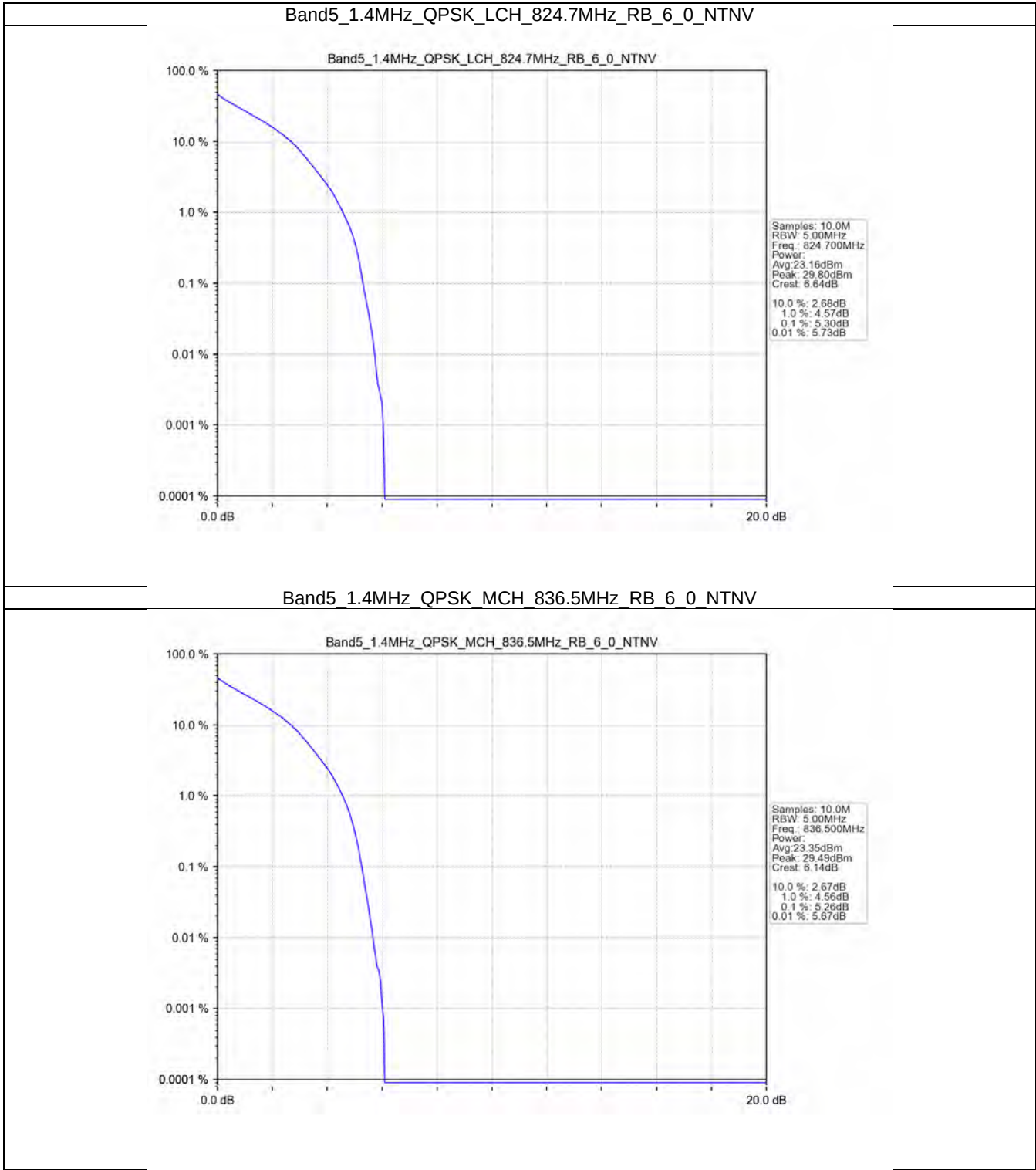
4.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.23	<=13	Pass
	836.5	50	0	5.29	<=13	Pass
	844	50	0	5.23	<=13	Pass
16QAM	829	50	0	6.06	<=13	Pass
	836.5	50	0	6.12	<=13	Pass

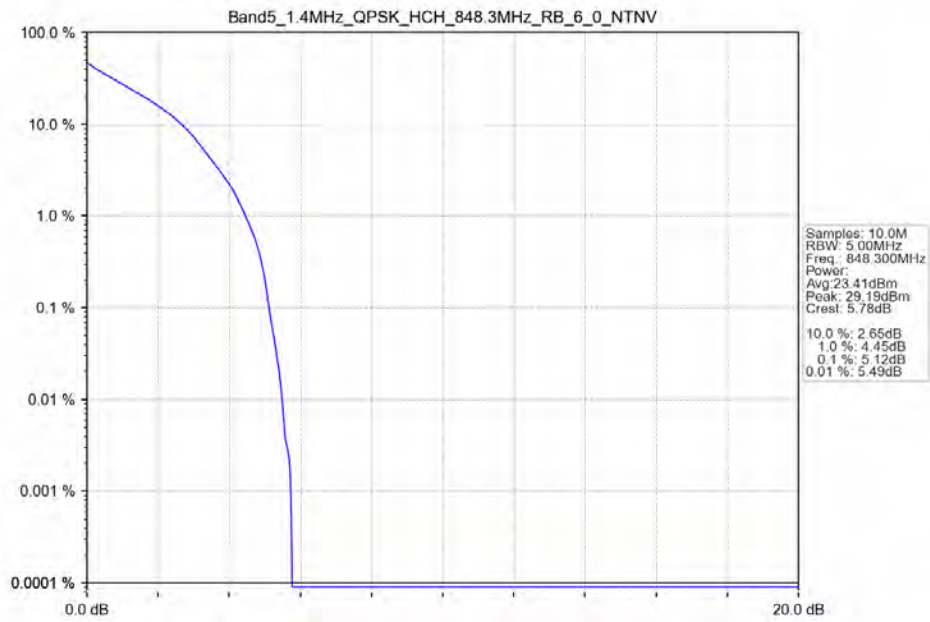
	844	50	0	6.15	<=13	Pass
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4.2 Test Graph

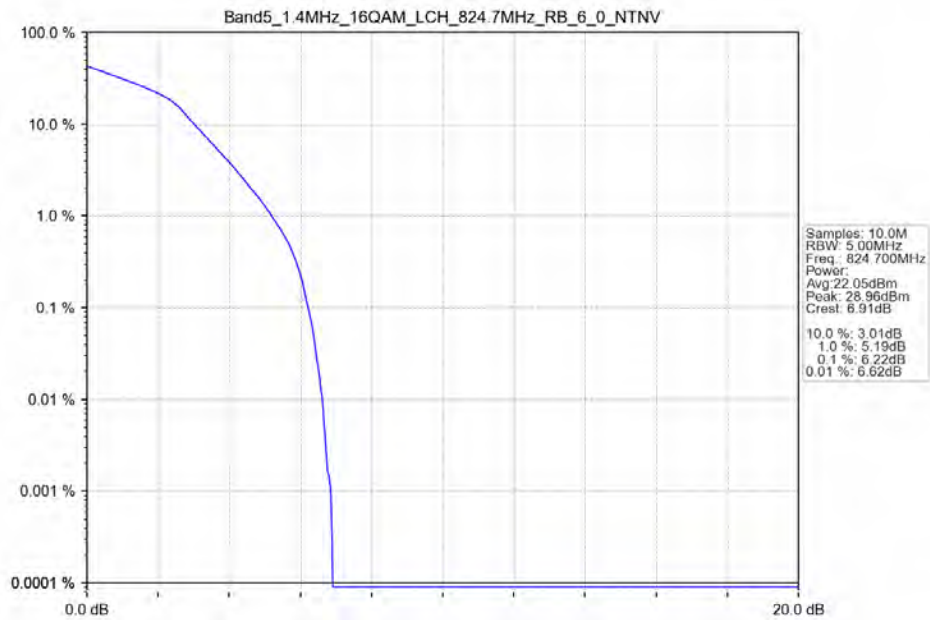
4.2.1 B5_1.4MHz



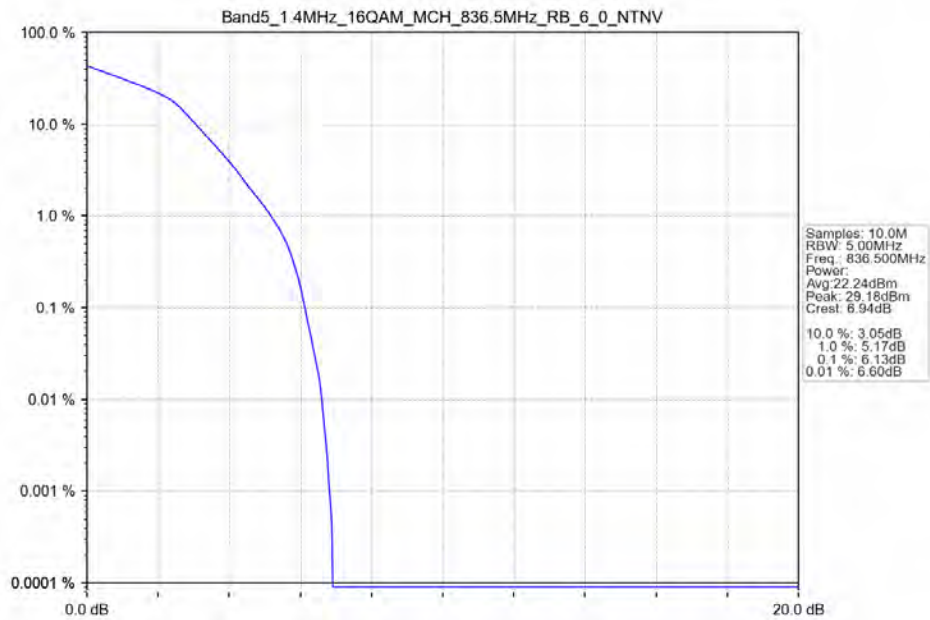
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



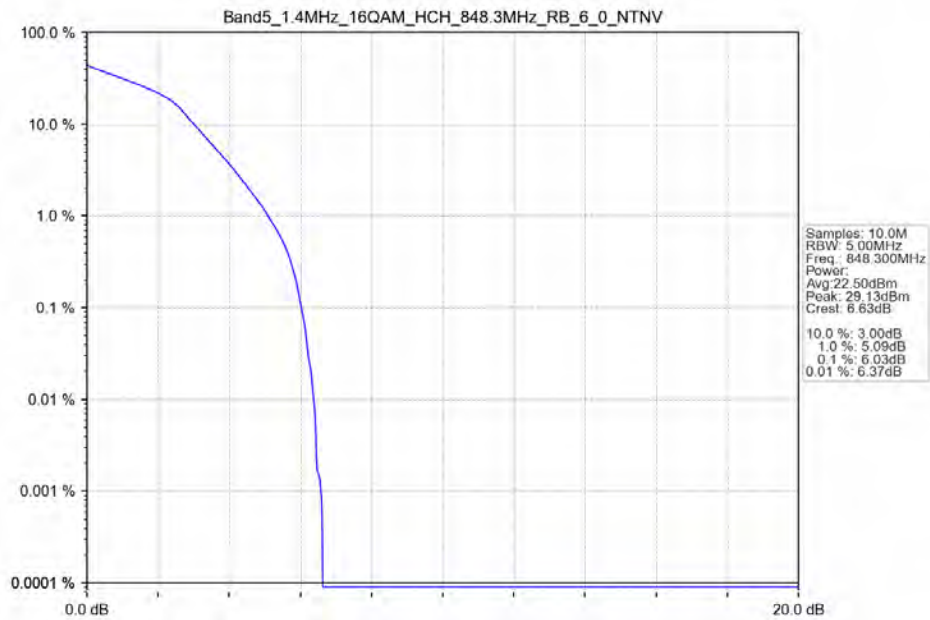
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



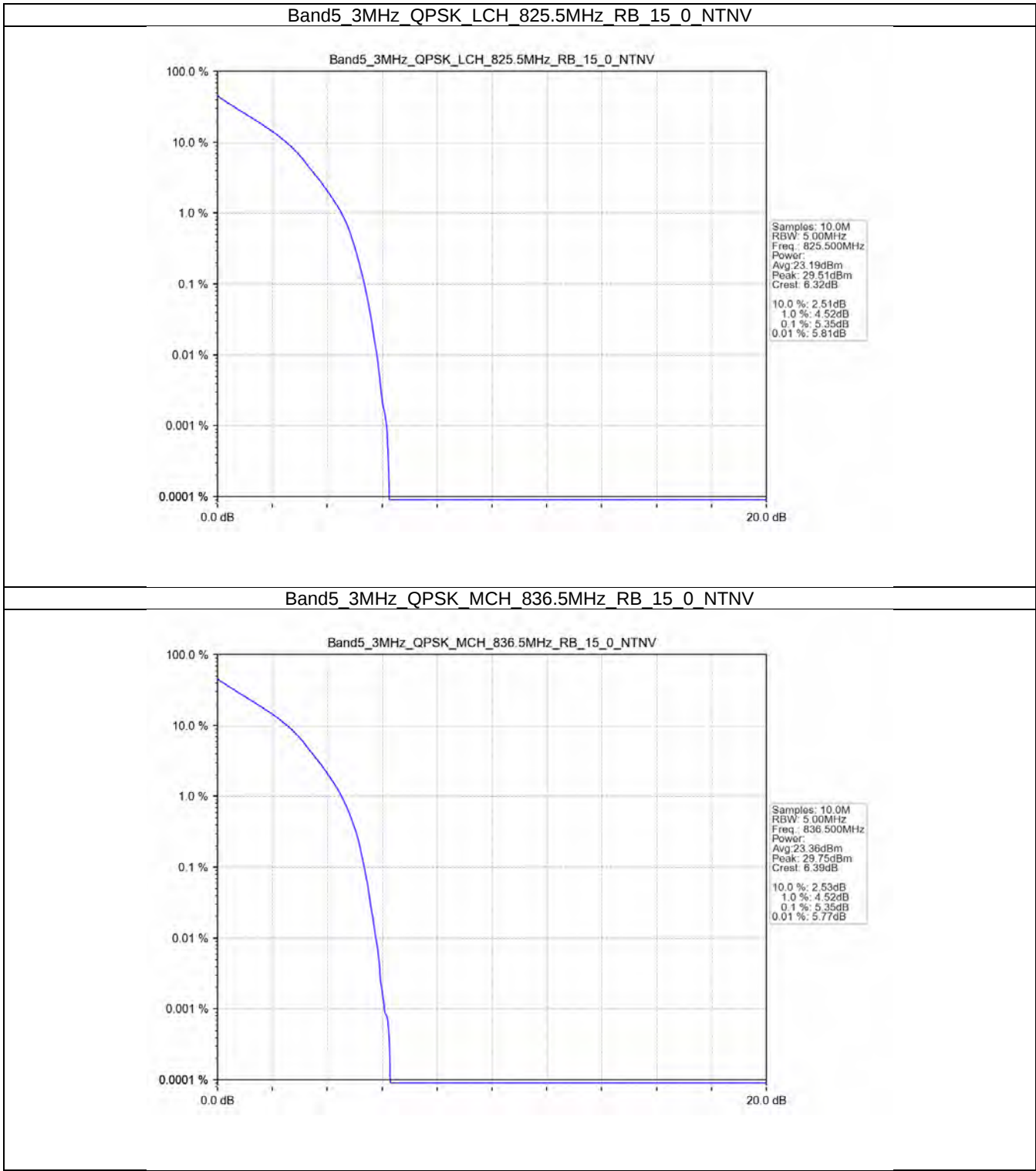
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTV



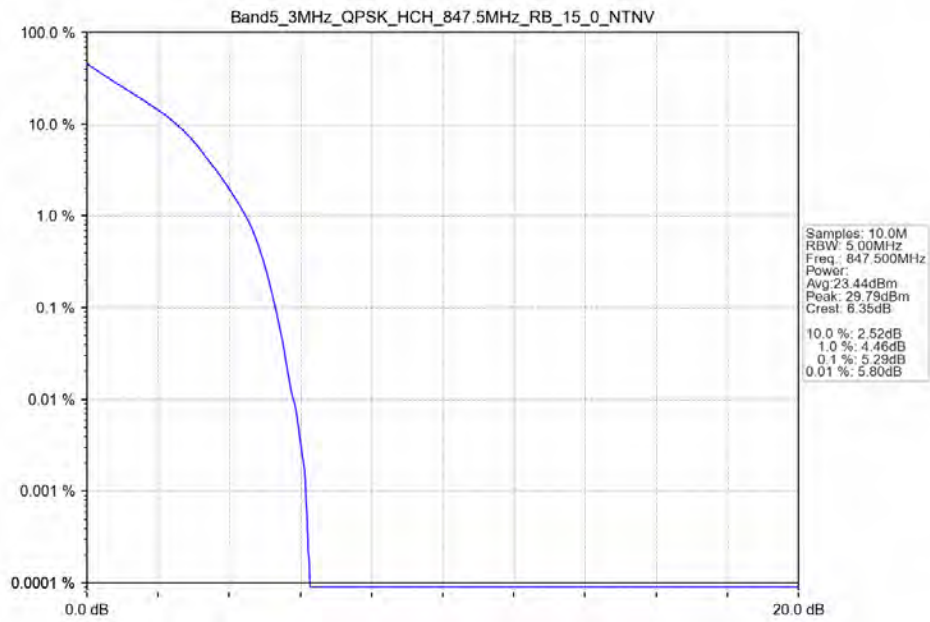
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTV



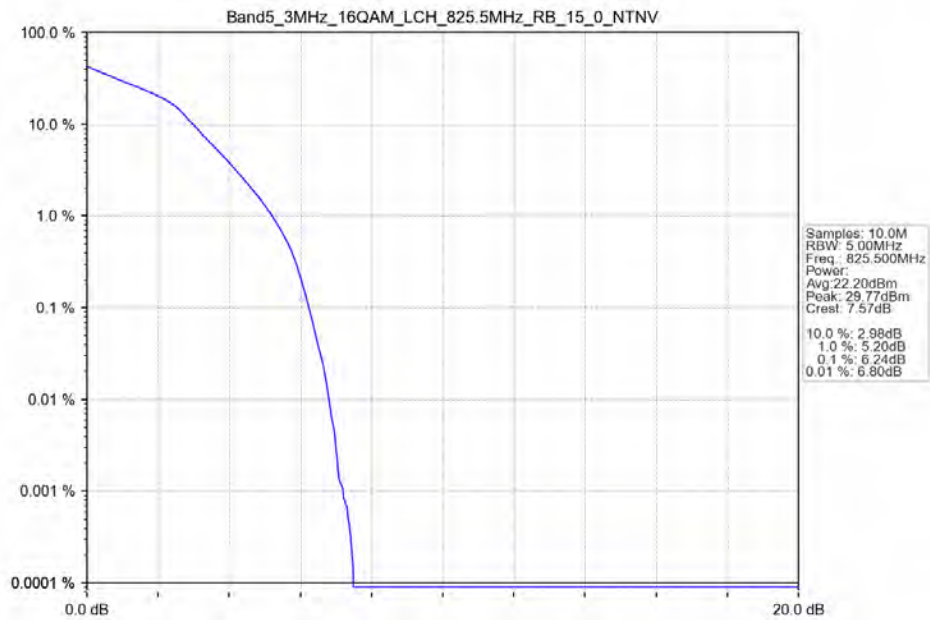
4.2.2 B5_3MHz



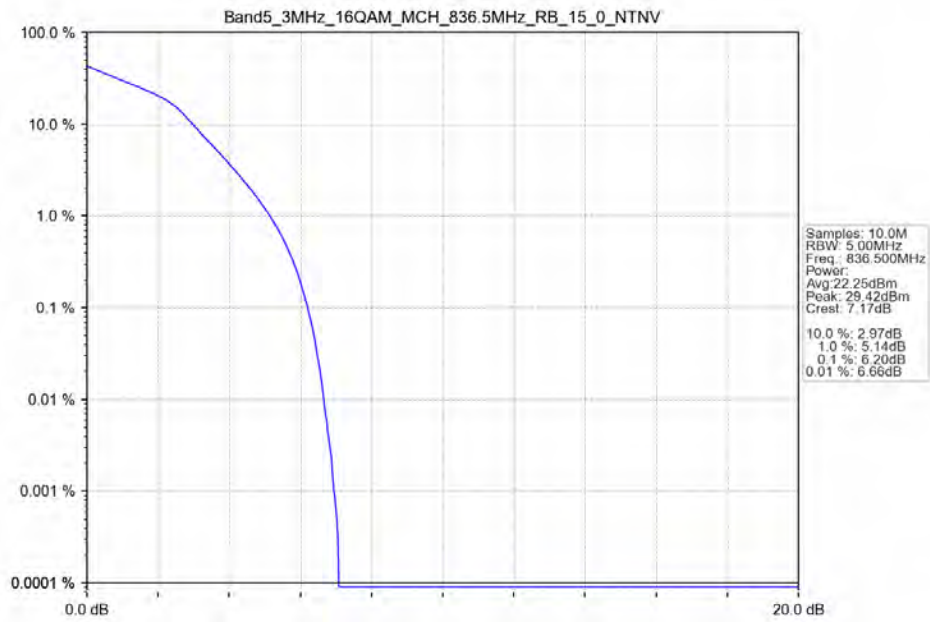
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



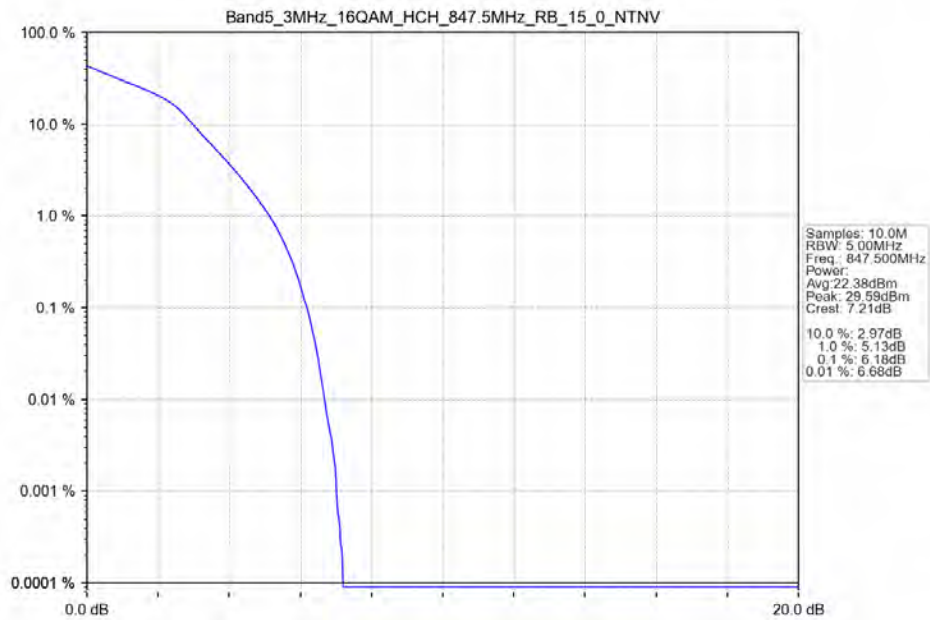
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV

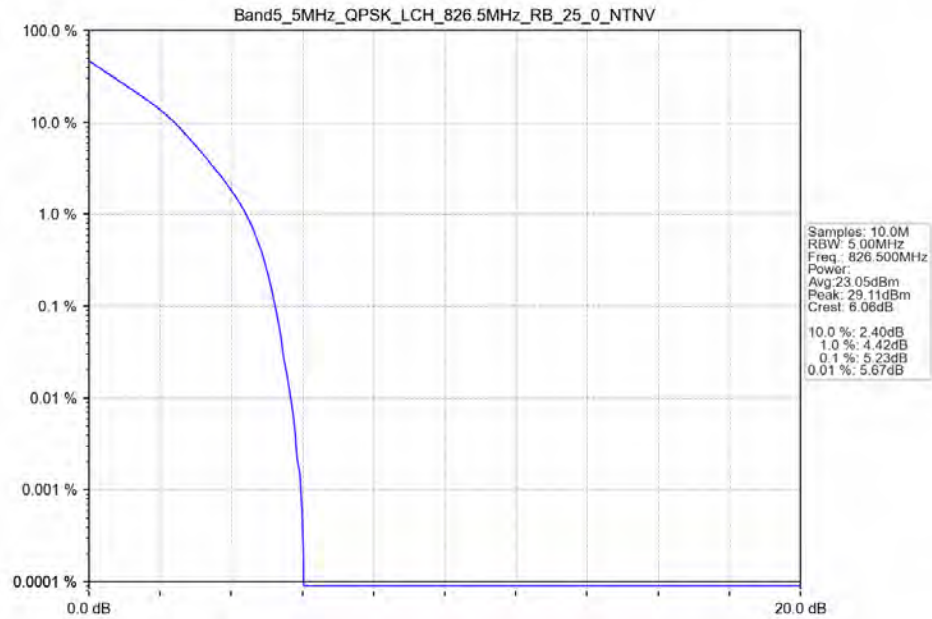


Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV

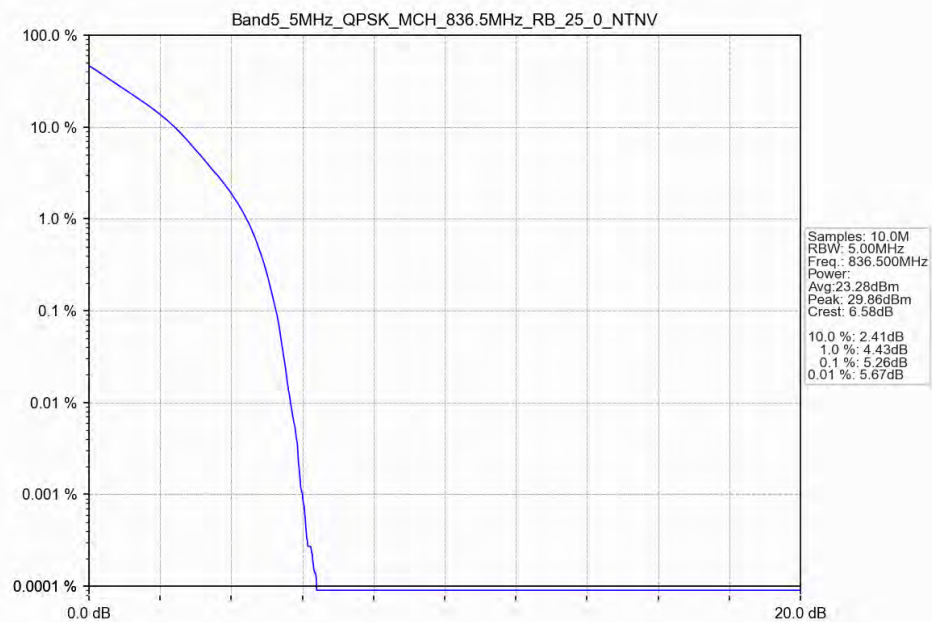


4.2.3 B5_5MHz

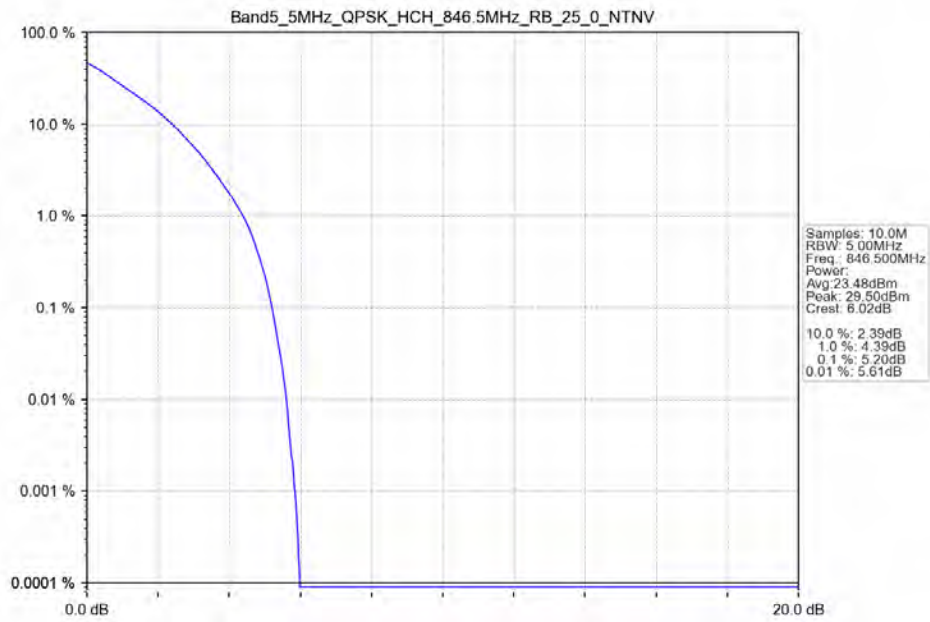
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



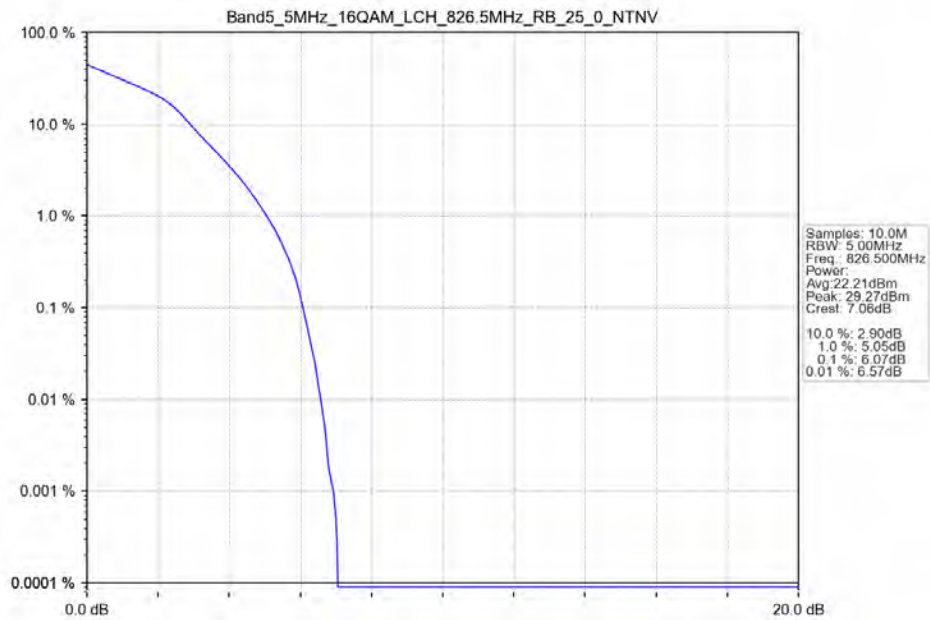
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



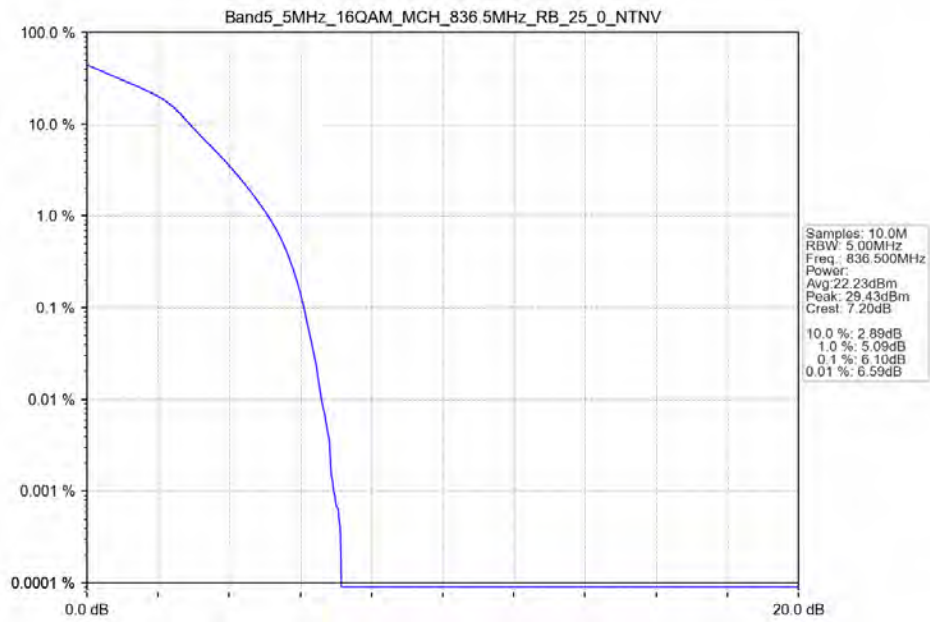
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



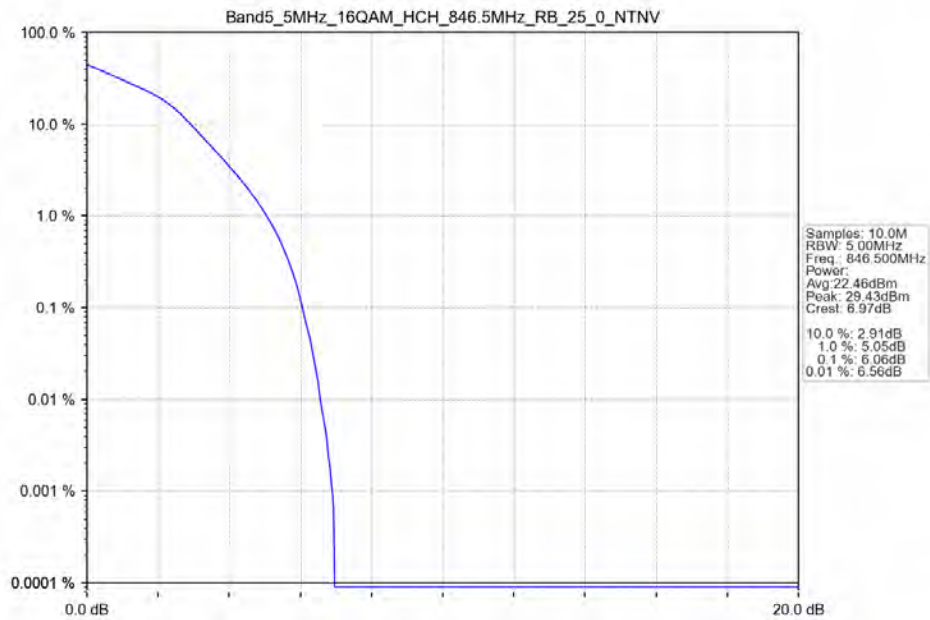
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN

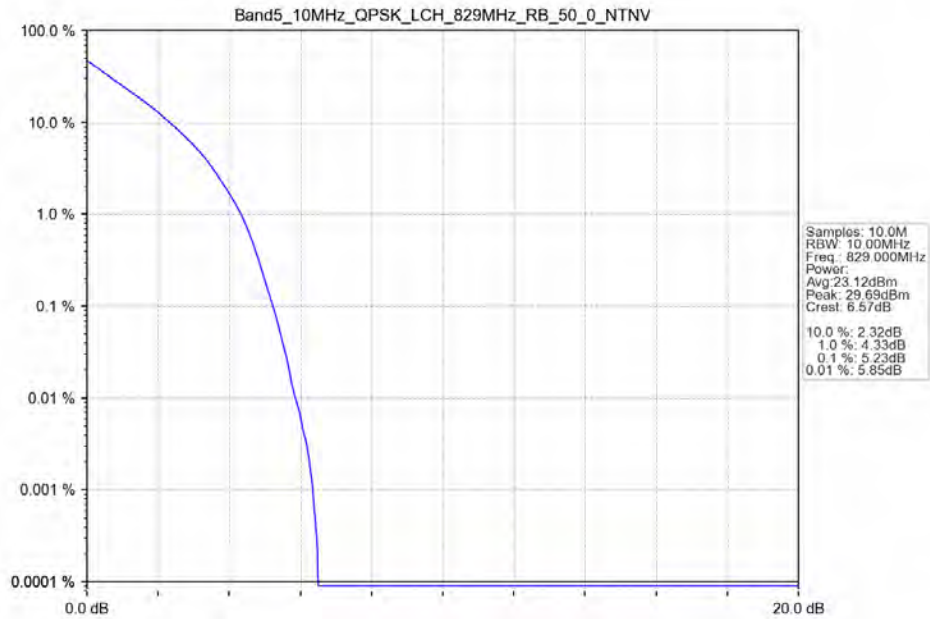


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTN

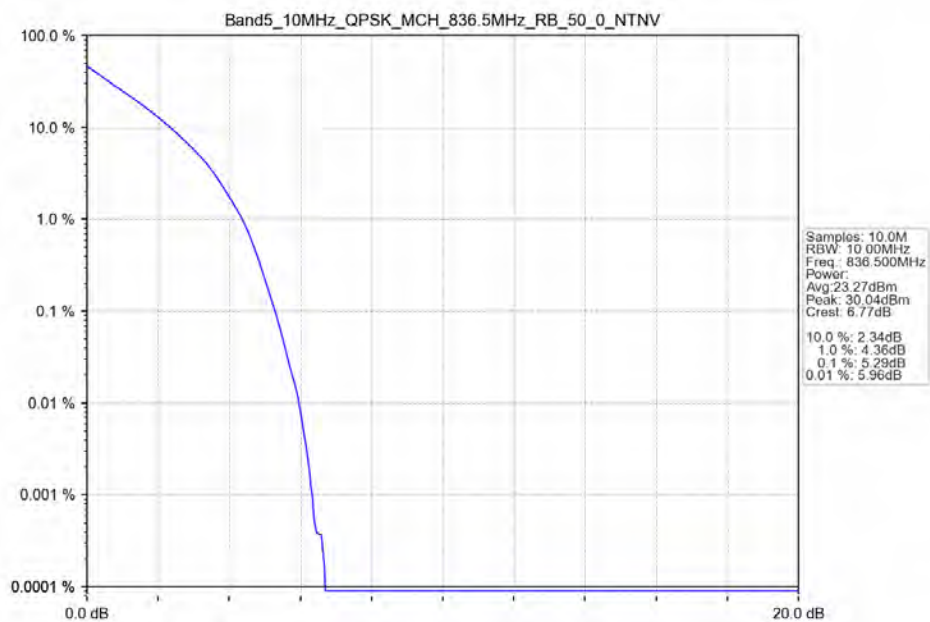


4.2.4 B5_10MHz

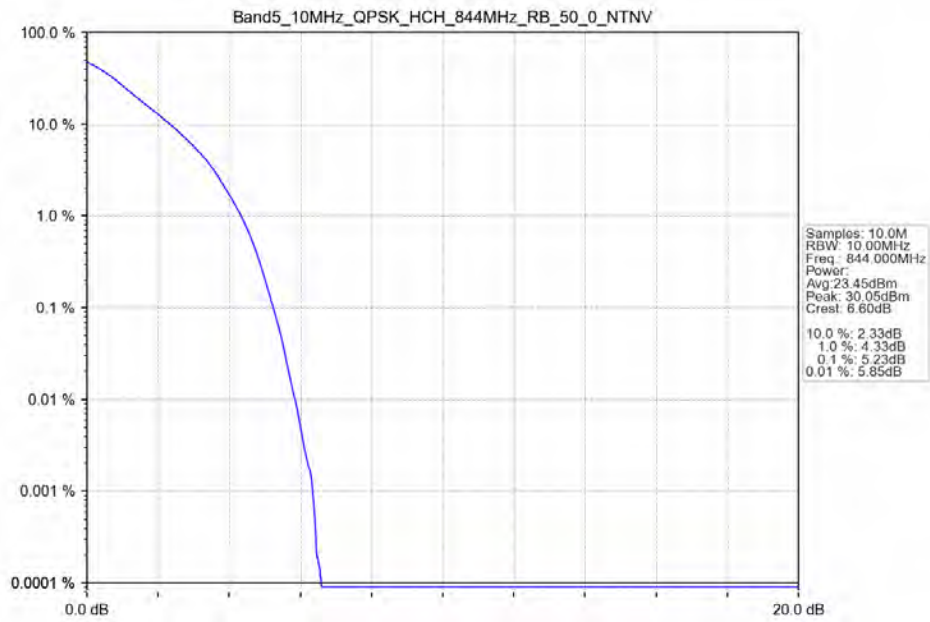
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



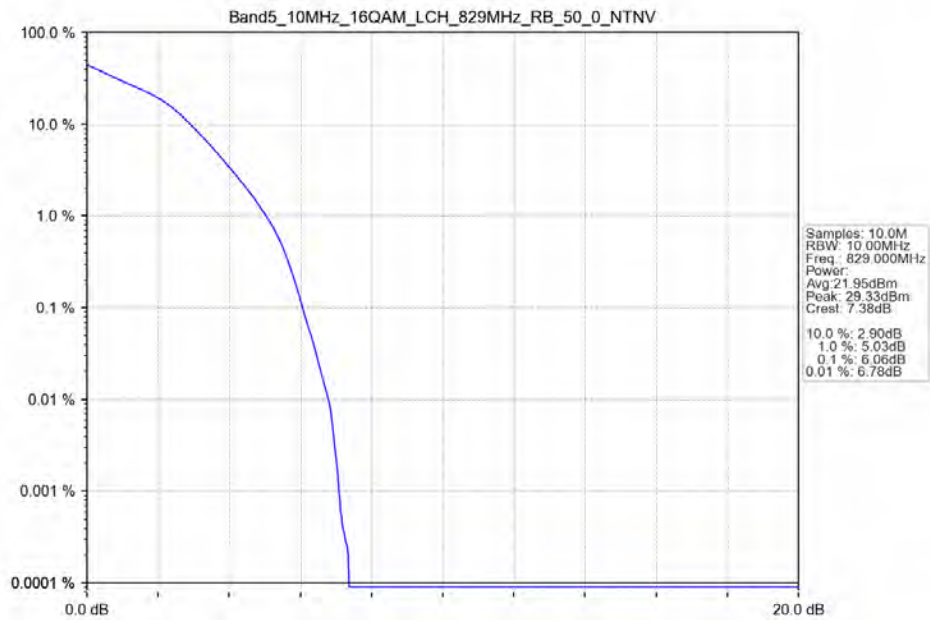
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



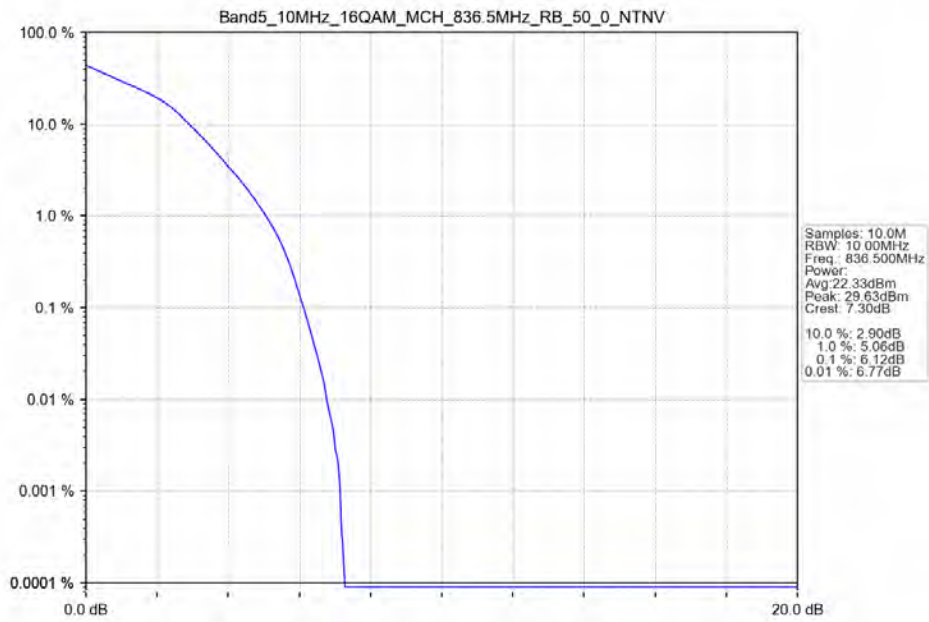
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



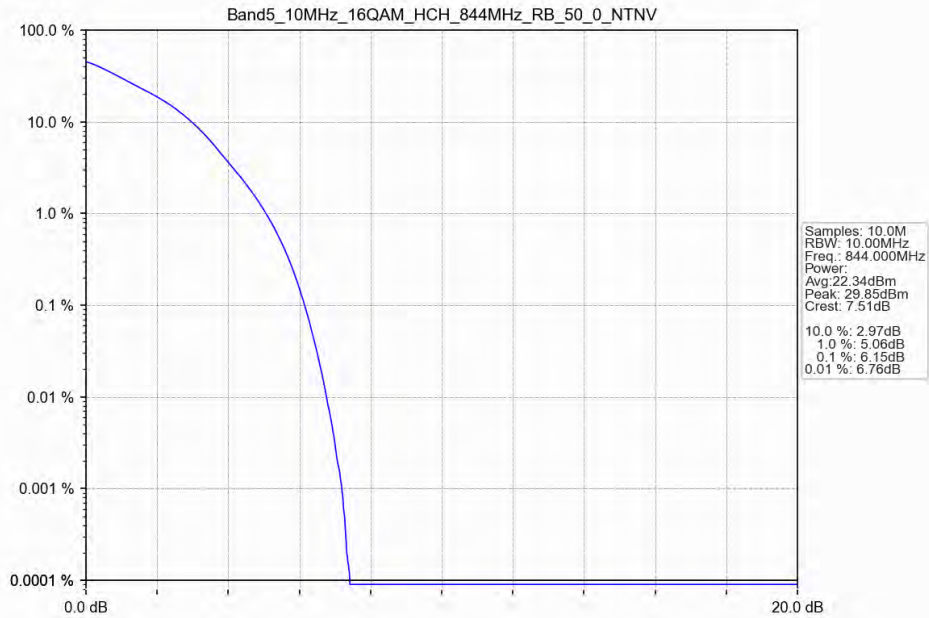
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTV



5. Spurious Emission

5.1 Test Result

5.1.1 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

5.1.2 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

5.1.3 B5_5MHz

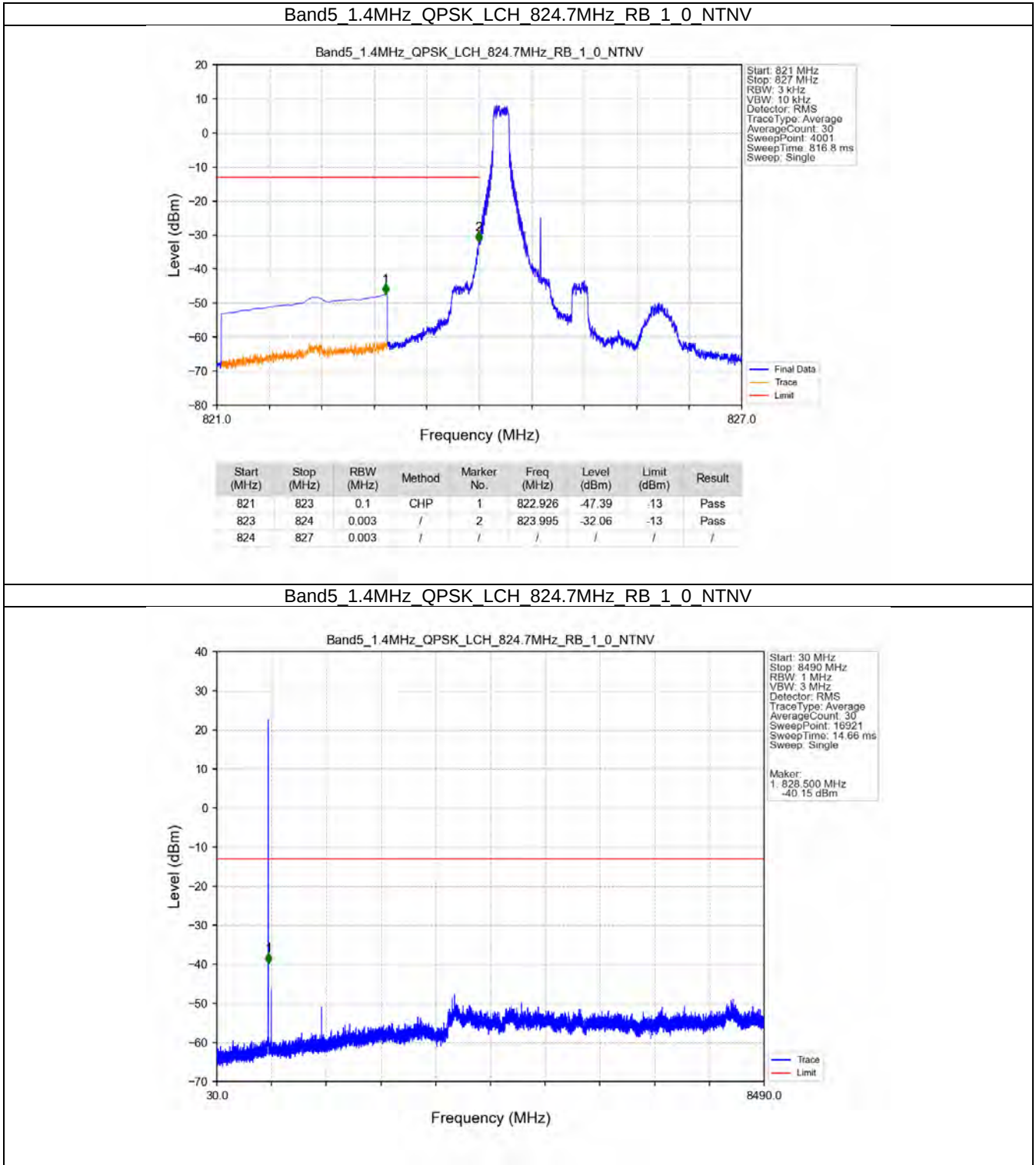
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B5_10MHz

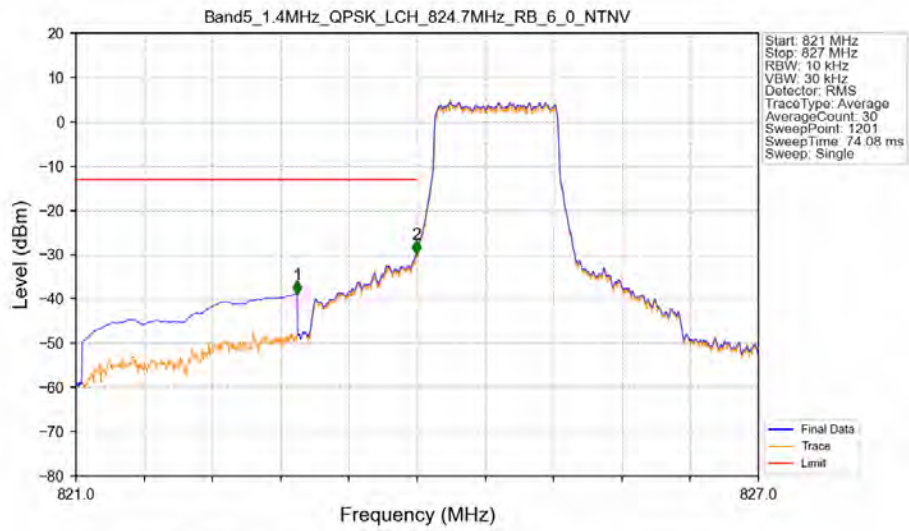
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B5_1.4MHz

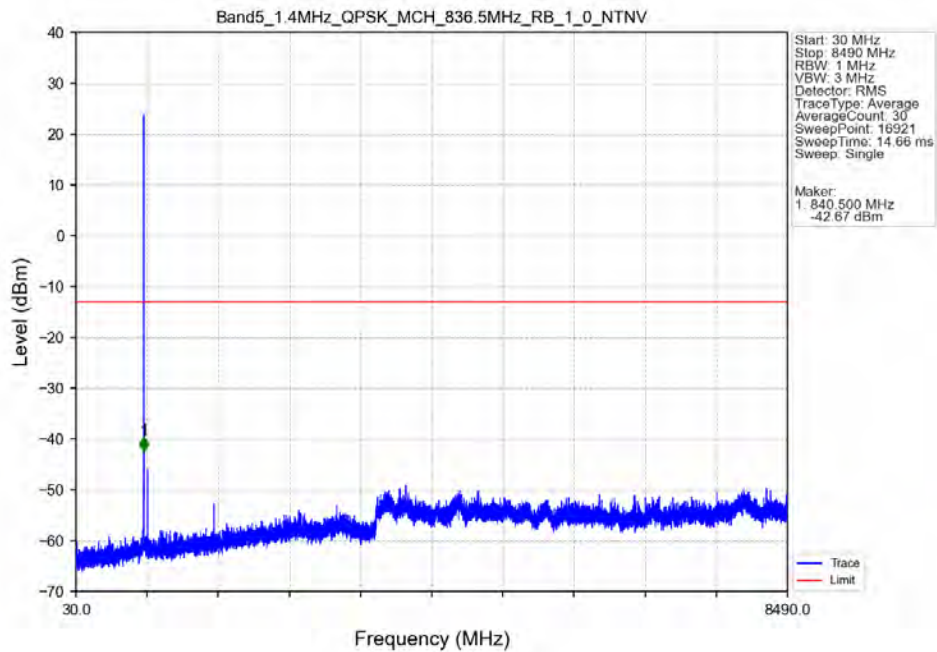


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

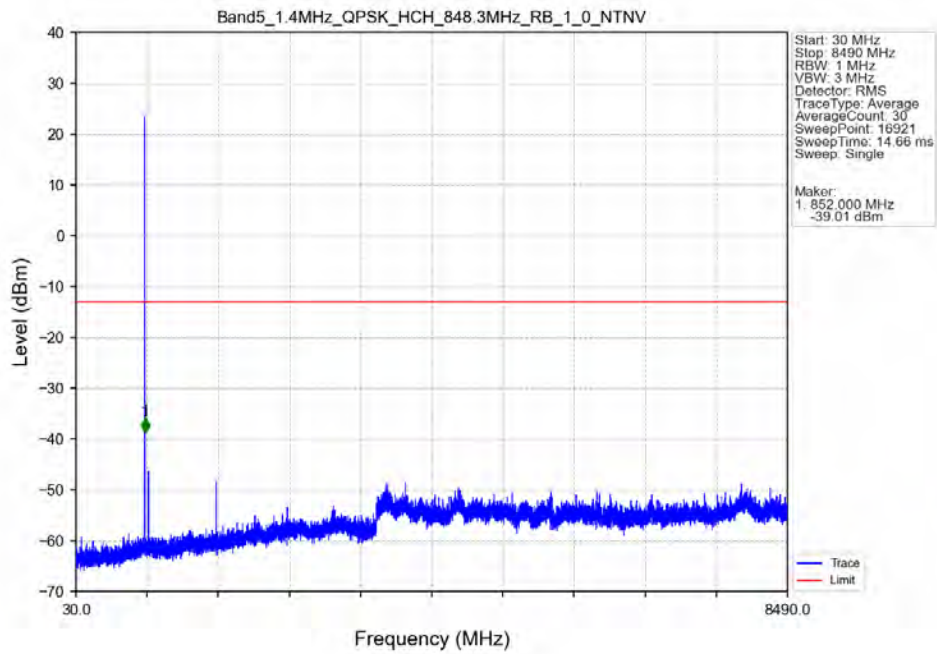


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-38.89	-13	Pass
823	824	0.013	CHP	2	823.995	-29.82	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

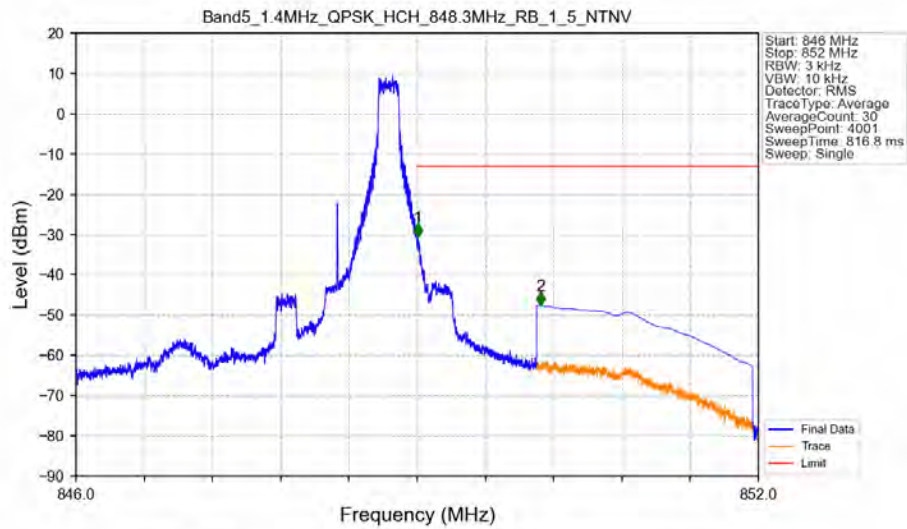
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

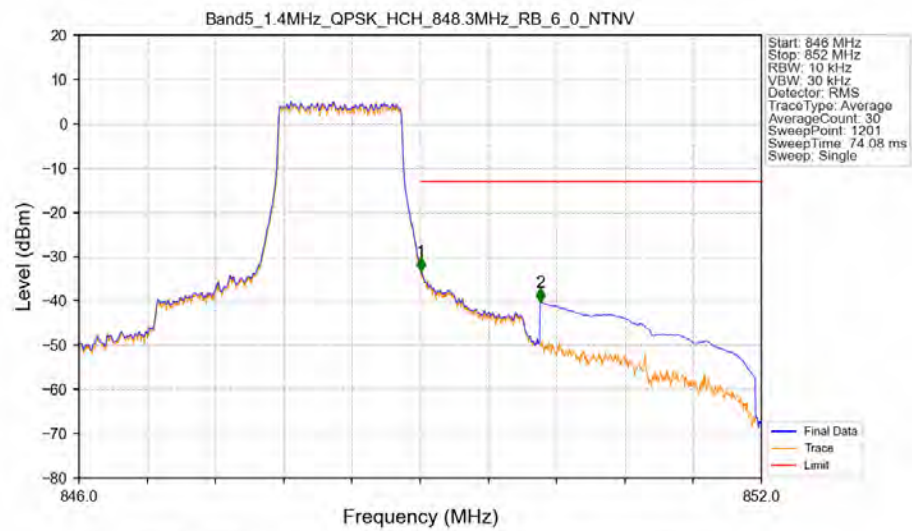


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



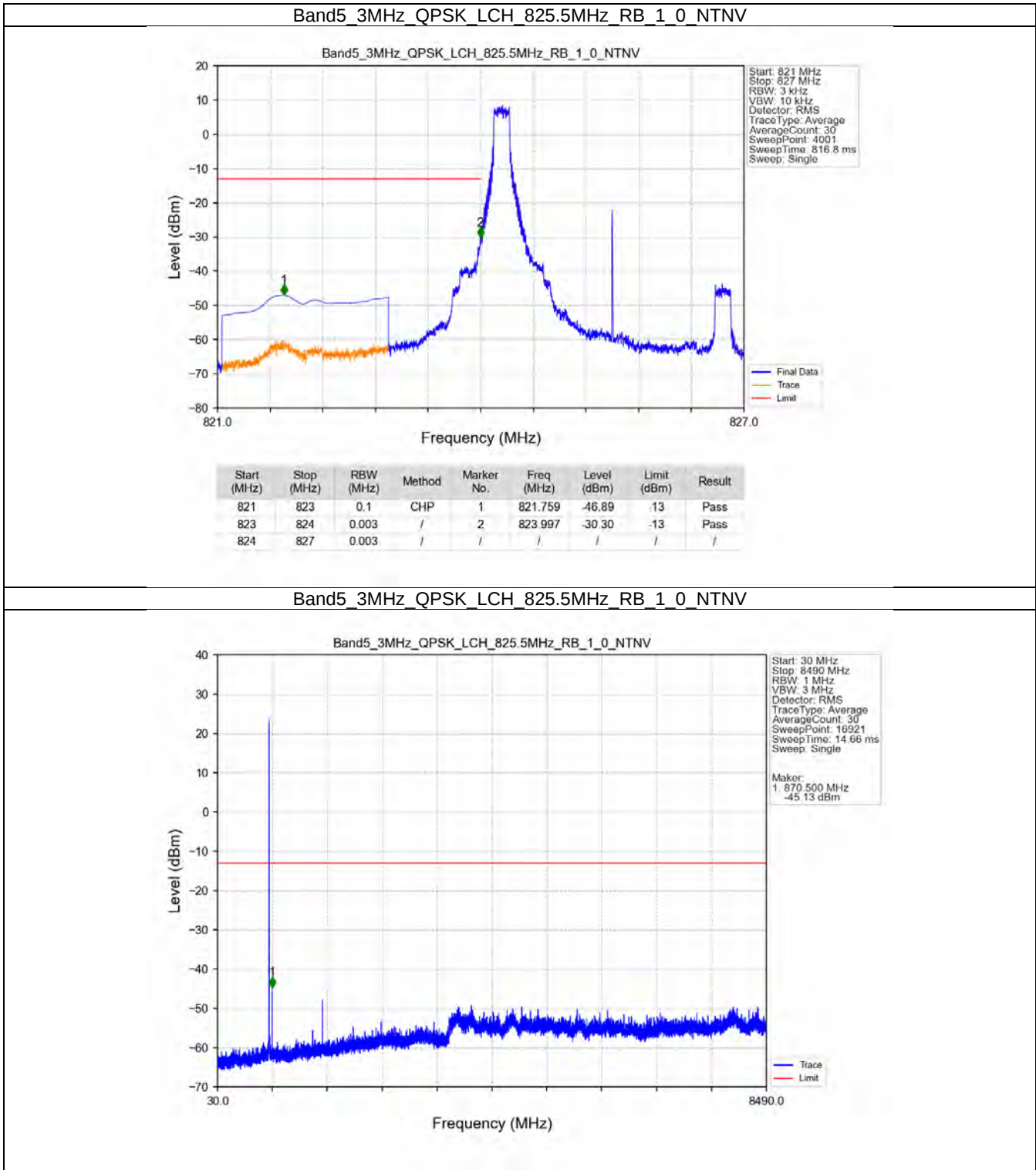
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-30.56	-13	Pass
850	852	0.1	CHP	2	850.086	-47.59	-13	Pass

Band5 1.4MHz QPSK HCH 848.3MHz RB 6.0 NTNV

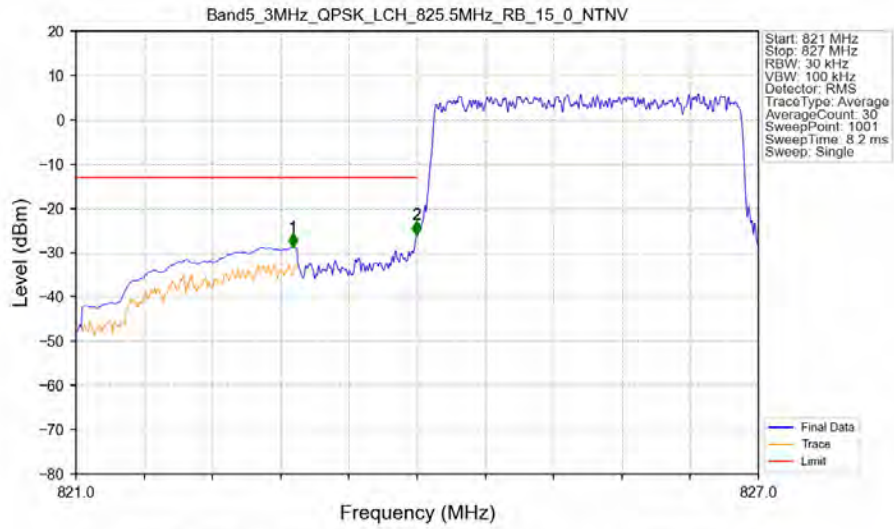


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-33.24	-13	Pass
850	852	0.1	CHP	2	850.055	-40.25	-13	Pass

5.2.2 B5_3MHz

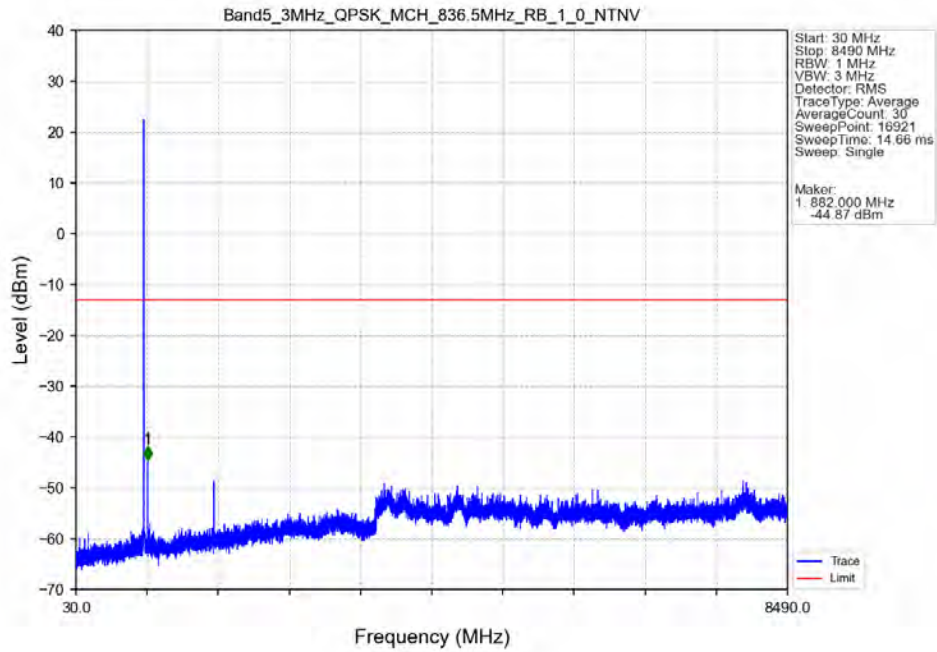


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

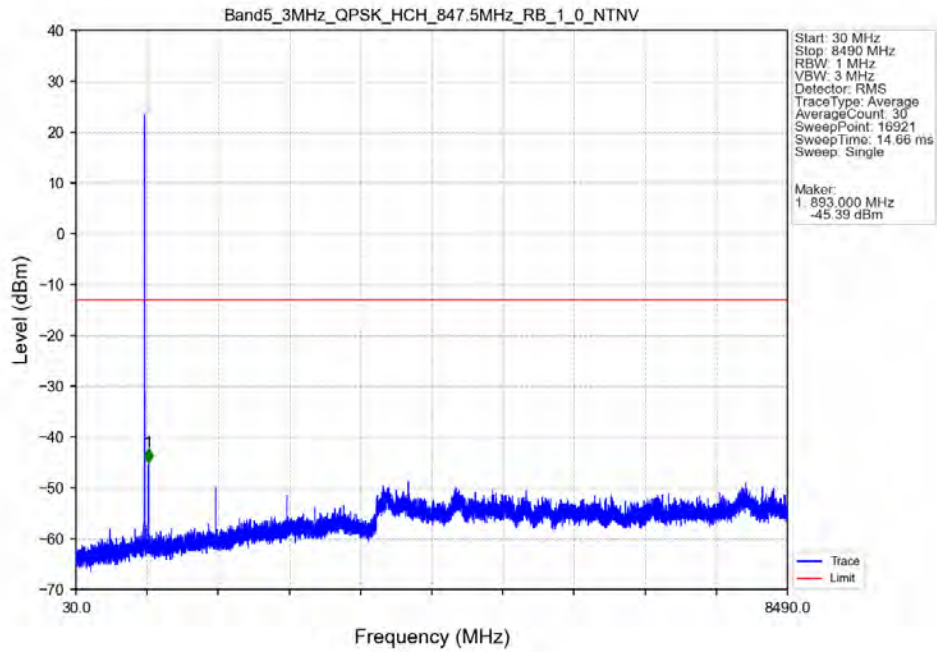


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.908	-28.69	-13	Pass
823	824	0.03	/	2	823.994	-25.94	-13	Pass
824	827	0.03	/	/	/	/	/	/

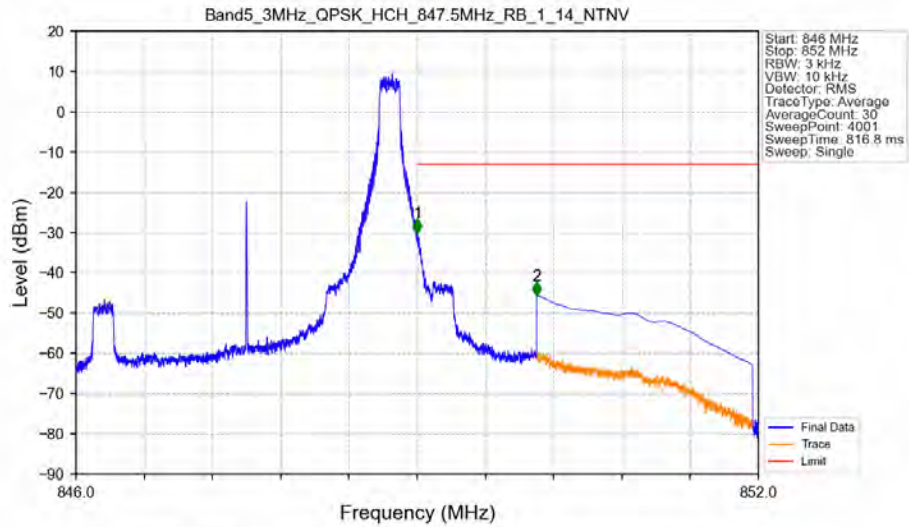
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV

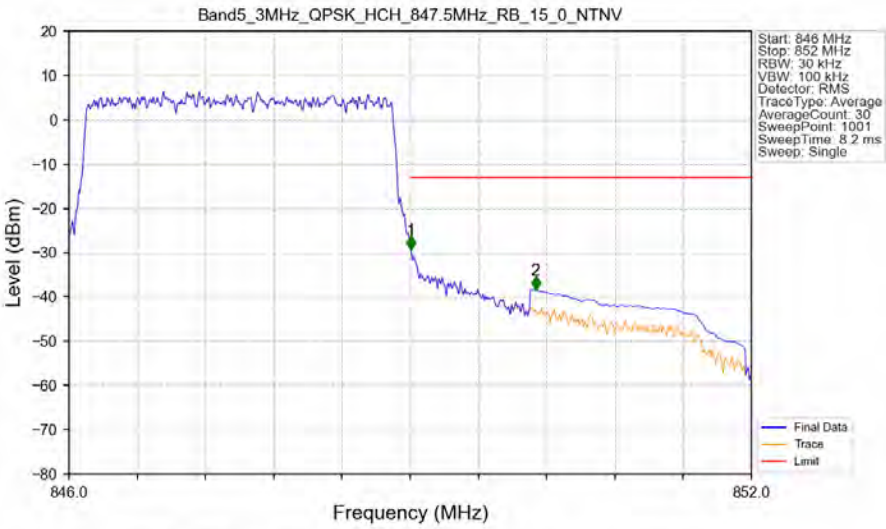


Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTNV



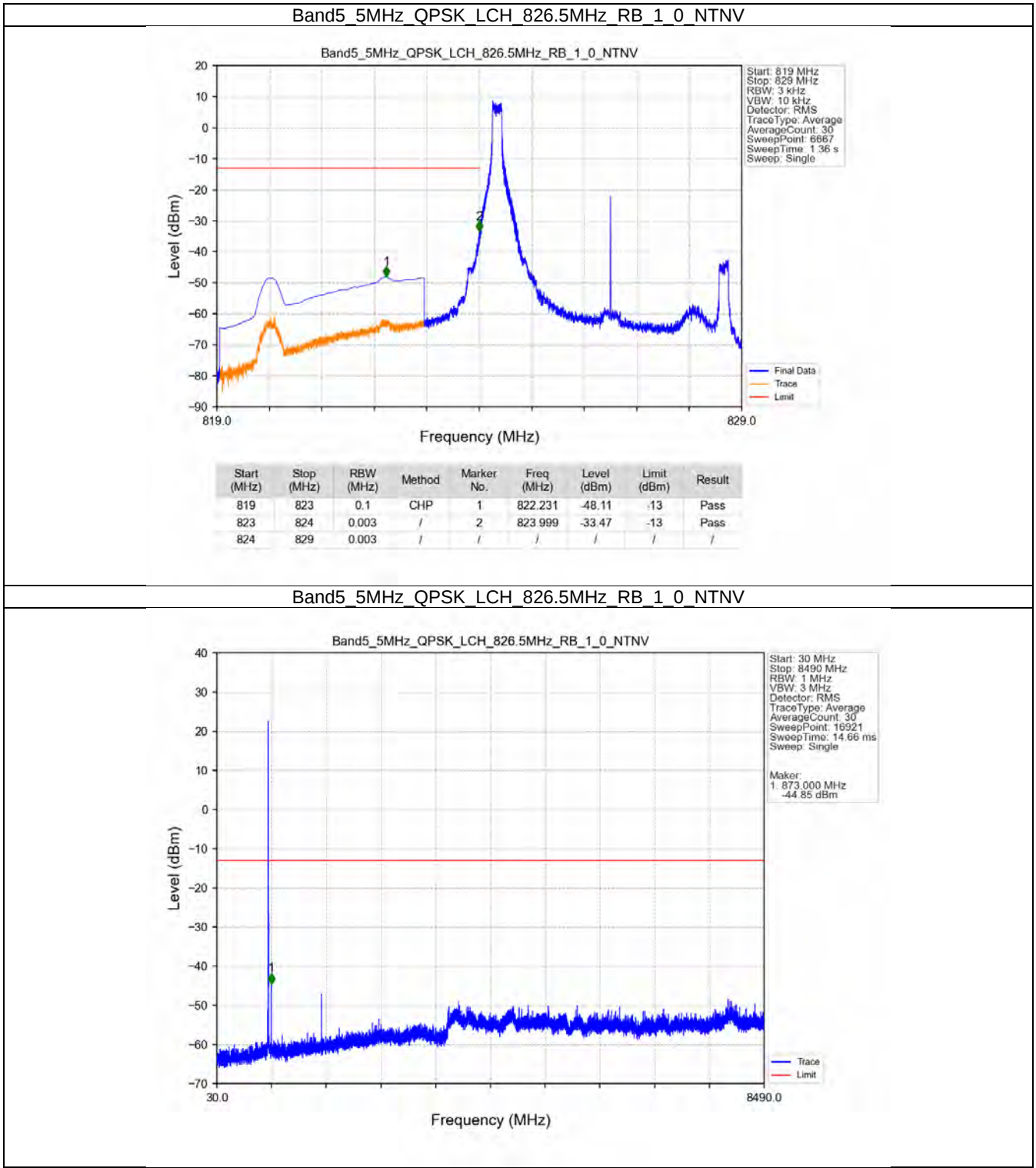
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-30.02	-13	Pass
850	852	0.1	CHP	2	850.052	-45.75	-13	Pass

Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN

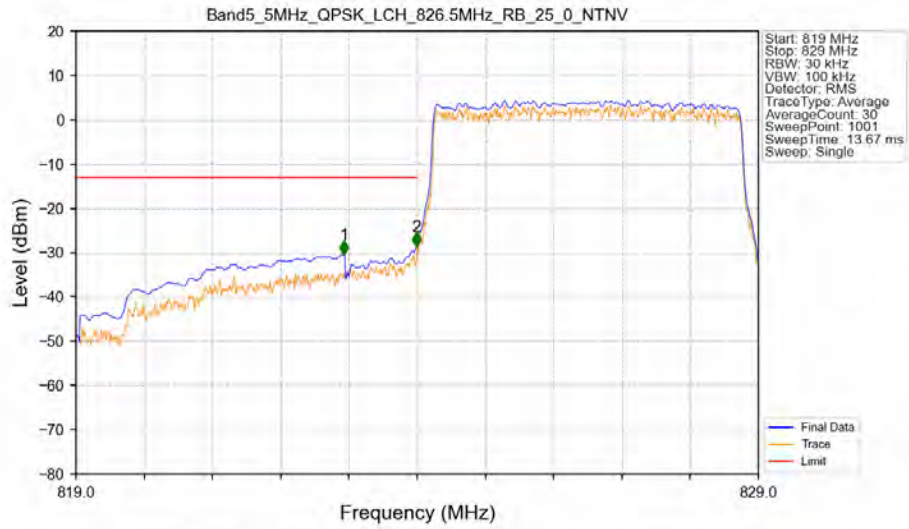


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-29.28	-13	Pass
850	852	0.1	CHP	2	850.104	-38.42	-13	Pass

5.2.3 B5_5MHz

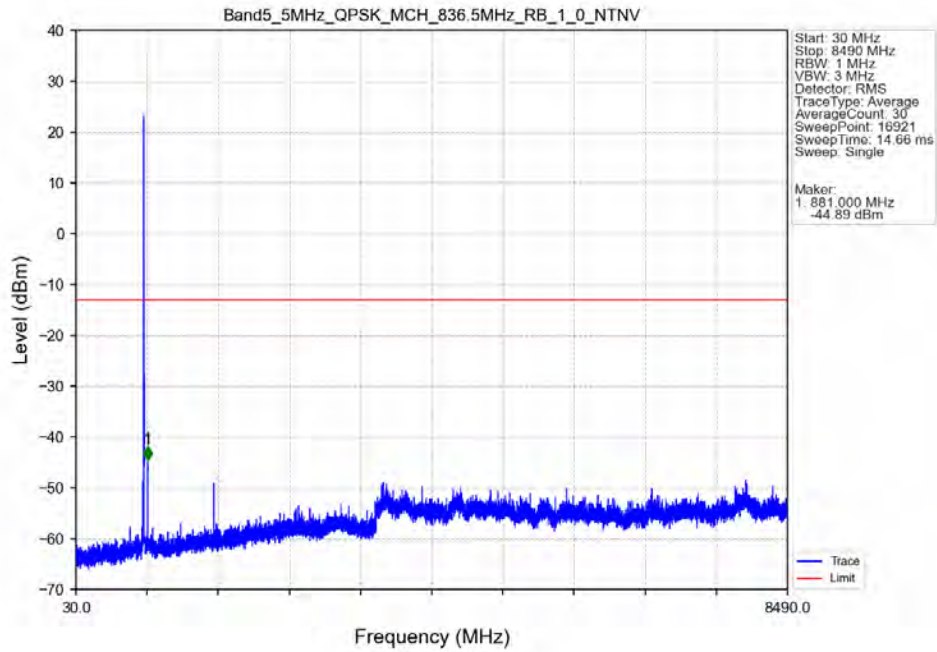


Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV

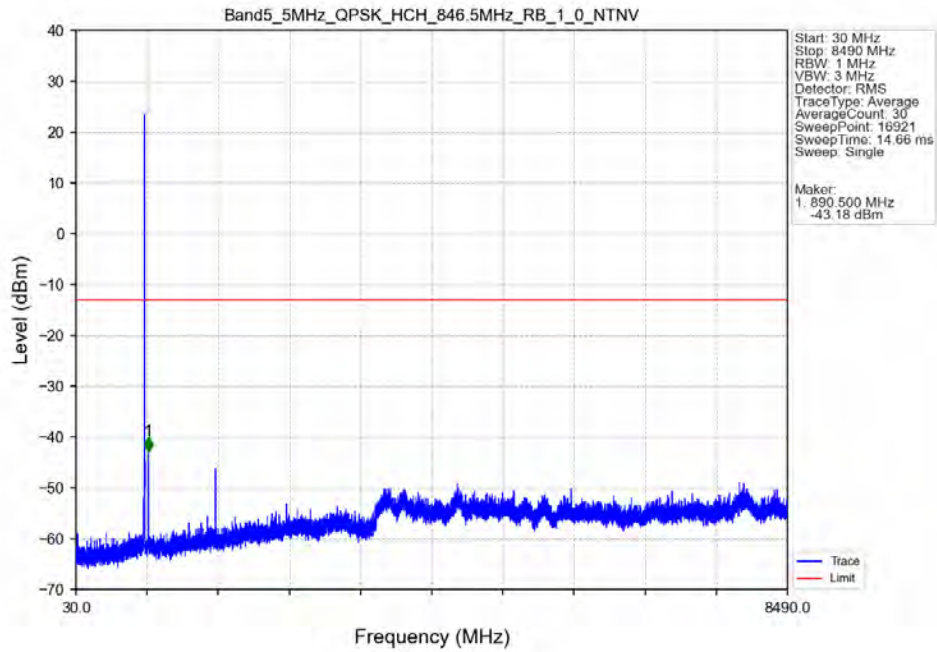


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-30.42	-13	Pass
823	824	0.051	CHP	2	823.990	-28.53	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

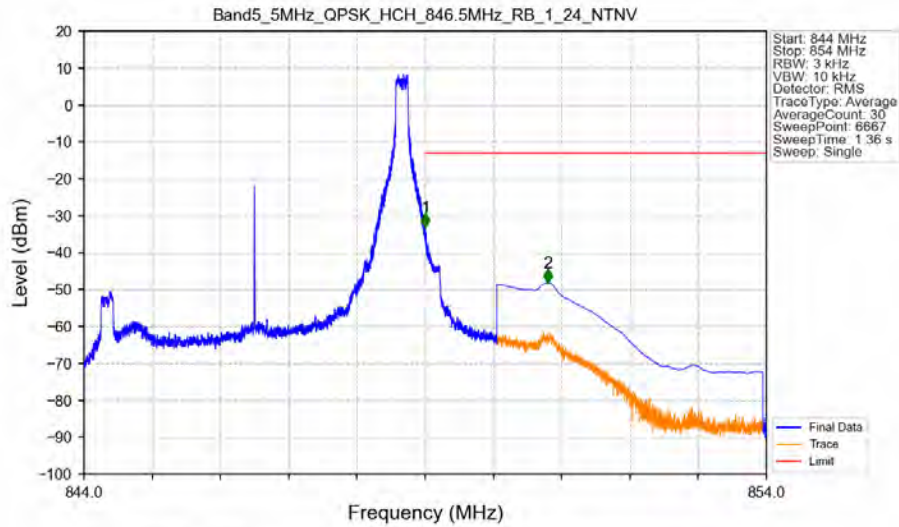
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTNV

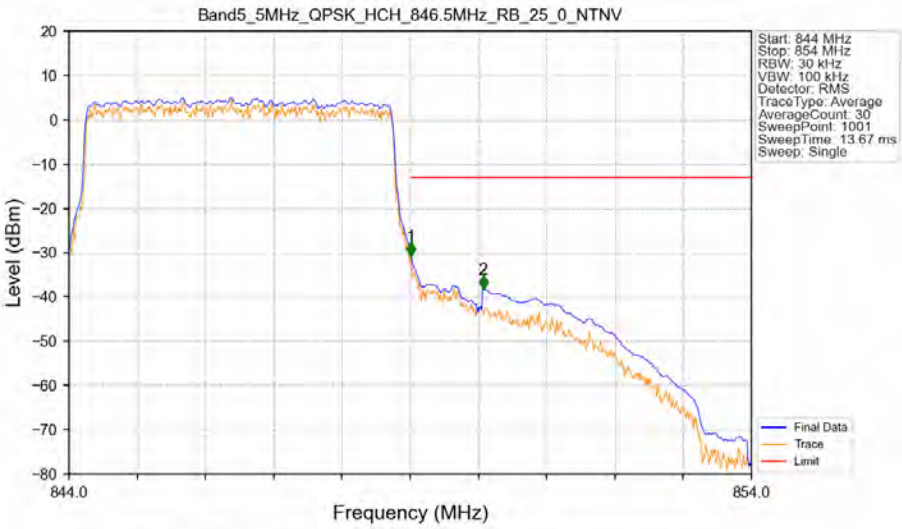


Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTNV



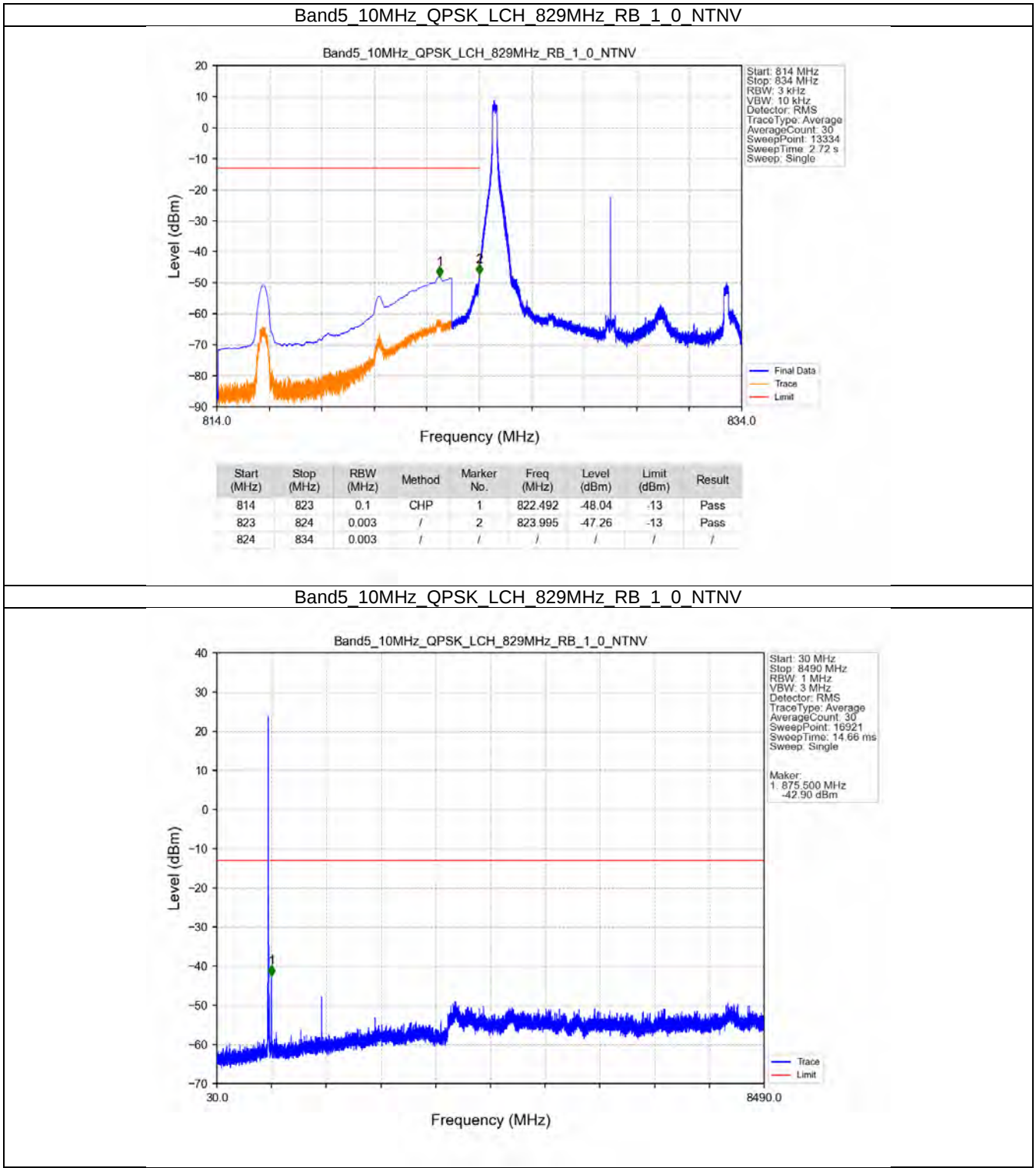
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-33.11	-13	Pass
850	854	0.1	CHP	2	850.799	-48.21	-13	Pass

Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN

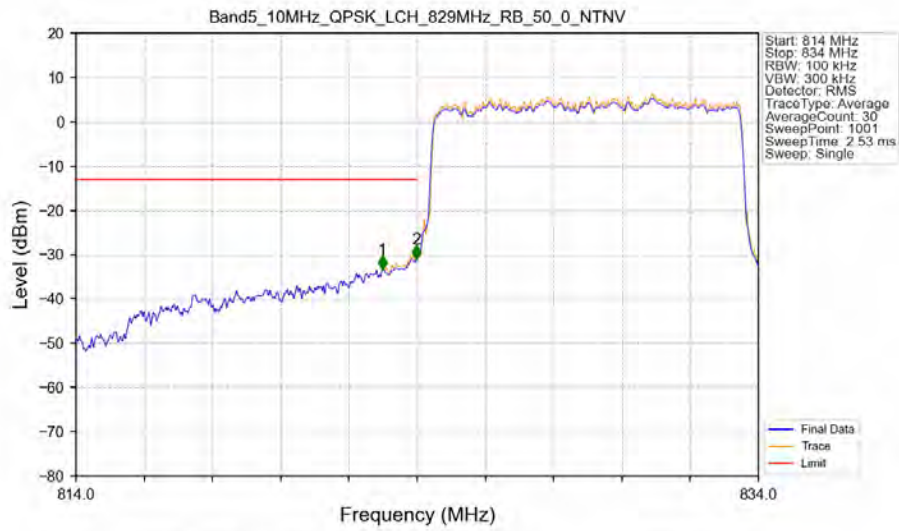


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.05	CHP	/	/	/	/	/
849	850	0.05	CHP	1	849.010	-30.82	-13	Pass
850	854	0.1	CHP	2	850.070	-38.17	-13	Pass

5.2.4 B5_10MHz

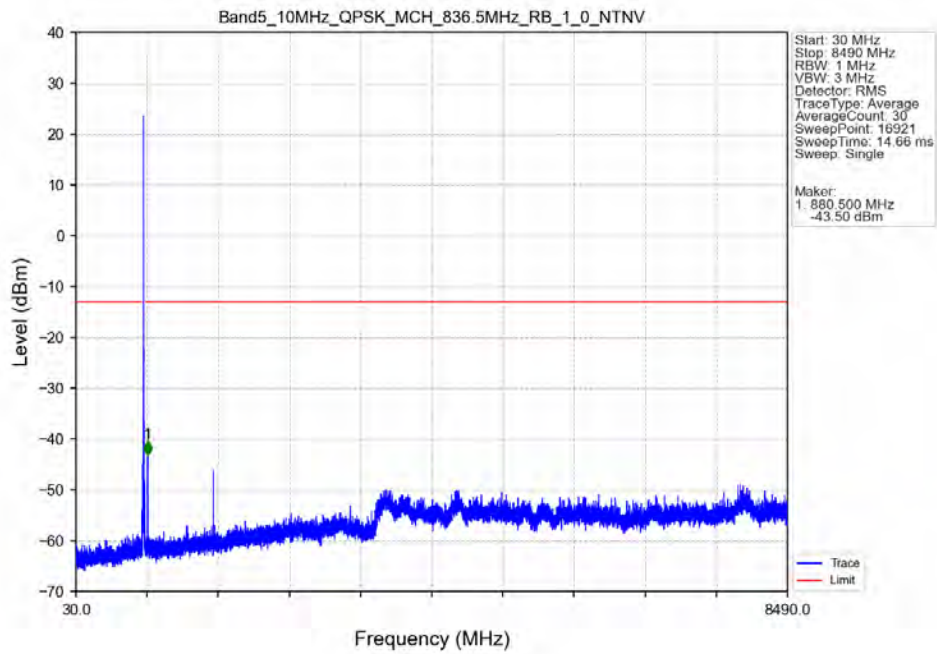


Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV

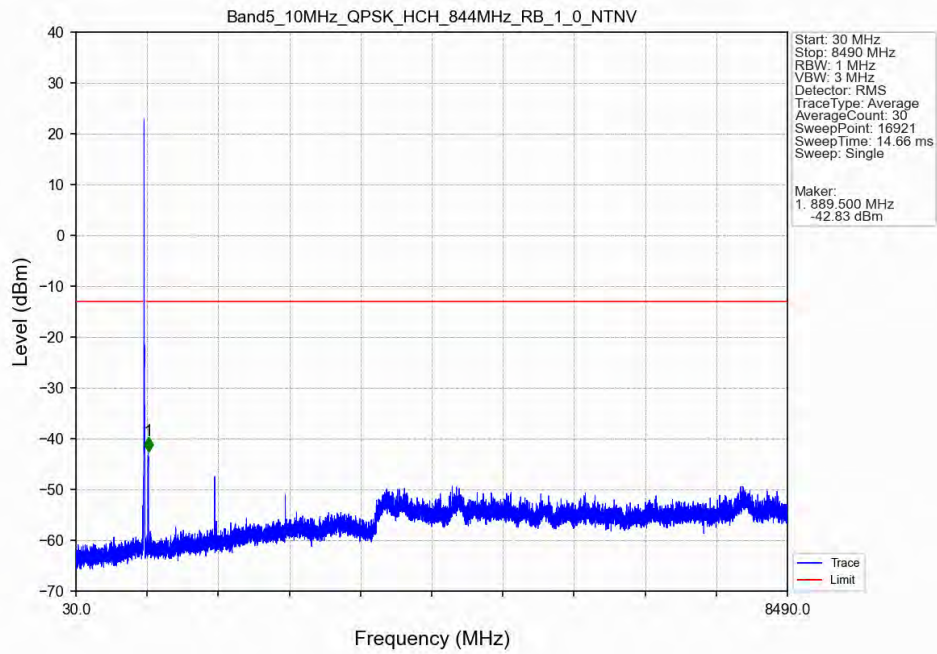


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.980	-33.35	-13	Pass
823	824	0.101	CHP	2	823.980	-30.88	-13	Pass
824	834	0.101	CHP	/	/	/	/	/

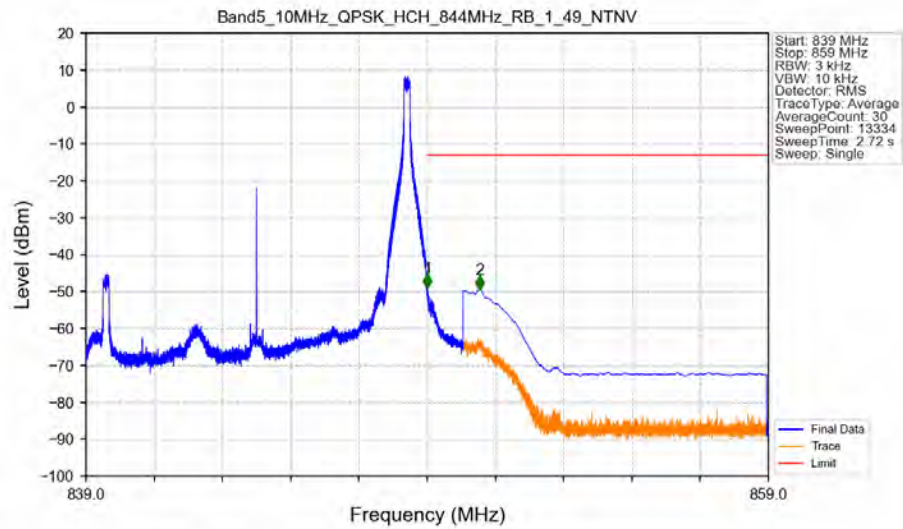
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTNV



Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV

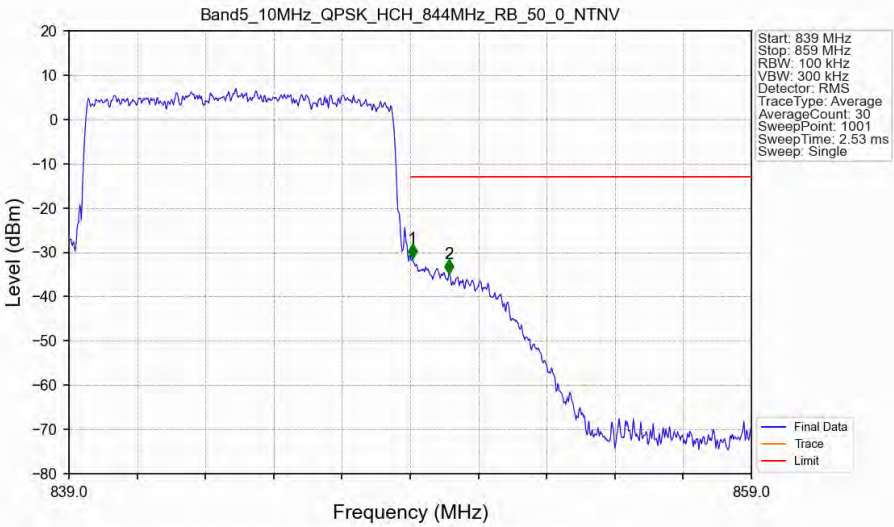


Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-49.07	-13	Pass
850	859	0.1	CHP	2	850.532	-49.37	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.060	-31.35	-13	Pass
850	859	0.1	/	2	850.140	-34.70	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 5-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
1649	H	-43.94	-13	30.94
2473.5	H	-54.34	-13	41.34
3298	H	-55.65	-13	42.65
1649	V	-44.42	-13	31.42
2473.5	V	-58.28	-13	45.28
3298	V	-56.47	-13	43.47

LTE Band 5-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
1664	H	-43.26	-13	30.26
2496	H	-57.63	-13	44.63
3328	H	-55.31	-13	42.31
1664	V	-42.83	-13	29.83
2496	V	-58.45	-13	45.45
3328	V	-55.76	-13	42.76

LTE Band 5-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
1679	H	-42.87	-13	29.87
2518.5	H	-54.2	-13	41.2
3358	H	-55.27	-13	42.27
1679	V	-46.19	-13	33.19
2518.5	V	-56.94	-13	43.94
3358	V	-55.93	-13	42.93