

Appendix Test Data for LTE_band_5

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	23.71	-2.61	18.95	<=38.45	Pass
			2	23.62	-2.61	18.86	<=38.45	Pass
			5	23.34	-2.61	18.58	<=38.45	Pass
		3	0	23.78	-2.61	19.02	<=38.45	Pass
			2	23.79	-2.61	19.03	<=38.45	Pass
			3	23.81	-2.61	19.05	<=38.45	Pass
		6	0	22.76	-2.61	18.00	<=38.45	Pass
	836.5	1	0	23.28	-2.61	18.52	<=38.45	Pass
			2	23.31	-2.61	18.55	<=38.45	Pass
			5	23.35	-2.61	18.59	<=38.45	Pass
		3	0	23.82	-2.61	19.06	<=38.45	Pass
			2	23.81	-2.61	19.05	<=38.45	Pass
			3	23.81	-2.61	19.05	<=38.45	Pass
		6	0	22.85	-2.61	18.09	<=38.45	Pass
	848.3	1	0	23.15	-2.61	18.39	<=38.45	Pass
			2	23.13	-2.61	18.37	<=38.45	Pass
			5	23.16	-2.61	18.40	<=38.45	Pass
		3	0	23.74	-2.61	18.98	<=38.45	Pass
			2	23.77	-2.61	19.01	<=38.45	Pass
			3	23.75	-2.61	18.99	<=38.45	Pass
		6	0	22.72	-2.61	17.96	<=38.45	Pass
16QAM	824.7	1	0	22.28	-2.61	17.52	<=38.45	Pass
			2	22.29	-2.61	17.53	<=38.45	Pass
			5	22.28	-2.61	17.52	<=38.45	Pass
		3	0	22.78	-2.61	18.02	<=38.45	Pass
			2	22.78	-2.61	18.02	<=38.45	Pass
			3	22.77	-2.61	18.01	<=38.45	Pass
		6	0	21.65	-2.61	16.89	<=38.45	Pass
	836.5	1	0	22.54	-2.61	17.78	<=38.45	Pass
			2	22.51	-2.61	17.75	<=38.45	Pass
			5	22.51	-2.61	17.75	<=38.45	Pass
		3	0	22.83	-2.61	18.07	<=38.45	Pass
			2	22.82	-2.61	18.06	<=38.45	Pass
			3	22.81	-2.61	18.05	<=38.45	Pass
		6	0	21.87	-2.61	17.11	<=38.45	Pass
	848.3	1	0	22.21	-2.61	17.45	<=38.45	Pass
			2	22.20	-2.61	17.44	<=38.45	Pass
			5	22.23	-2.61	17.47	<=38.45	Pass
		3	0	22.87	-2.61	18.11	<=38.45	Pass
			2	22.93	-2.61	18.17	<=38.45	Pass
			3	22.92	-2.61	18.16	<=38.45	Pass
		6	0	21.78	-2.61	17.02	<=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	23.22	-2.61	18.46	<=38.45	Pass
			7	23.19	-2.61	18.43	<=38.45	Pass
			14	23.25	-2.61	18.49	<=38.45	Pass
		8	0	22.76	-2.61	18.00	<=38.45	Pass
			4	22.69	-2.61	17.93	<=38.45	Pass
			7	22.73	-2.61	17.97	<=38.45	Pass
		15	0	22.74	-2.61	17.98	<=38.45	Pass
	836.5	1	0	23.31	-2.61	18.55	<=38.45	Pass
			7	23.30	-2.61	18.54	<=38.45	Pass
			14	23.28	-2.61	18.52	<=38.45	Pass
		8	0	22.80	-2.61	18.04	<=38.45	Pass
			4	22.82	-2.61	18.06	<=38.45	Pass
			7	22.83	-2.61	18.07	<=38.45	Pass
		15	0	22.83	-2.61	18.07	<=38.45	Pass
	847.5	1	0	23.22	-2.61	18.46	<=38.45	Pass
			7	23.24	-2.61	18.48	<=38.45	Pass
			14	23.24	-2.61	18.48	<=38.45	Pass
		8	0	22.70	-2.61	17.94	<=38.45	Pass
			4	22.66	-2.61	17.90	<=38.45	Pass
			7	22.66	-2.61	17.90	<=38.45	Pass
		15	0	22.74	-2.61	17.98	<=38.45	Pass
16QAM	825.5	1	0	22.32	-2.61	17.56	<=38.45	Pass
			7	22.28	-2.61	17.52	<=38.45	Pass
			14	22.31	-2.61	17.55	<=38.45	Pass
		8	0	21.82	-2.61	17.06	<=38.45	Pass
			4	21.80	-2.61	17.04	<=38.45	Pass
			7	21.82	-2.61	17.06	<=38.45	Pass
		15	0	21.80	-2.61	17.04	<=38.45	Pass
	836.5	1	0	22.55	-2.61	17.79	<=38.45	Pass
			7	22.56	-2.61	17.80	<=38.45	Pass
			14	22.50	-2.61	17.74	<=38.45	Pass
		8	0	21.79	-2.61	17.03	<=38.45	Pass
			4	21.81	-2.61	17.05	<=38.45	Pass
			7	21.81	-2.61	17.05	<=38.45	Pass
		15	0	21.81	-2.61	17.05	<=38.45	Pass
	847.5	1	0	22.77	-2.61	18.01	<=38.45	Pass
			7	22.75	-2.61	17.99	<=38.45	Pass
			14	22.69	-2.61	17.93	<=38.45	Pass
		8	0	21.94	-2.61	17.18	<=38.45	Pass
			4	21.86	-2.61	17.10	<=38.45	Pass
			7	21.80	-2.61	17.04	<=38.45	Pass
		15	0	21.82	-2.61	17.06	<=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	23.30	-2.61	18.54	<=38.45	Pass
			13	23.25	-2.61	18.49	<=38.45	Pass
			24	23.35	-2.61	18.59	<=38.45	Pass
		12	0	22.75	-2.61	17.99	<=38.45	Pass
			6	22.77	-2.61	18.01	<=38.45	Pass
			13	22.70	-2.61	17.94	<=38.45	Pass
		25	0	22.78	-2.61	18.02	<=38.45	Pass
	836.5	1	0	23.30	-2.61	18.54	<=38.45	Pass
			13	23.29	-2.61	18.53	<=38.45	Pass
			24	23.32	-2.61	18.56	<=38.45	Pass
		12	0	22.86	-2.61	18.10	<=38.45	Pass
			6	22.84	-2.61	18.08	<=38.45	Pass
			13	22.83	-2.61	18.07	<=38.45	Pass
		25	0	22.84	-2.61	18.08	<=38.45	Pass
	846.5	1	0	23.41	-2.61	18.65	<=38.45	Pass
			13	23.31	-2.61	18.55	<=38.45	Pass
			24	23.41	-2.61	18.65	<=38.45	Pass
		12	0	22.82	-2.61	18.06	<=38.45	Pass
			6	22.74	-2.61	17.98	<=38.45	Pass
			13	22.76	-2.61	18.00	<=38.45	Pass
		25	0	22.78	-2.61	18.02	<=38.45	Pass
16QAM	826.5	1	0	22.36	-2.61	17.60	<=38.45	Pass
			13	22.36	-2.61	17.60	<=38.45	Pass
			24	22.40	-2.61	17.64	<=38.45	Pass
		12	0	21.77	-2.61	17.01	<=38.45	Pass
			6	21.75	-2.61	16.99	<=38.45	Pass
			13	21.70	-2.61	16.94	<=38.45	Pass
		25	0	21.81	-2.61	17.05	<=38.45	Pass
	836.5	1	0	22.62	-2.61	17.86	<=38.45	Pass
			13	22.59	-2.61	17.83	<=38.45	Pass
			24	22.59	-2.61	17.83	<=38.45	Pass
		12	0	21.93	-2.61	17.17	<=38.45	Pass
			6	21.86	-2.61	17.10	<=38.45	Pass
			13	21.86	-2.61	17.10	<=38.45	Pass
		25	0	21.87	-2.61	17.11	<=38.45	Pass
	846.5	1	0	22.10	-2.61	17.34	<=38.45	Pass
			13	22.07	-2.61	17.31	<=38.45	Pass
			24	22.12	-2.61	17.36	<=38.45	Pass
		12	0	21.85	-2.61	17.09	<=38.45	Pass
			6	21.76	-2.61	17.00	<=38.45	Pass
			13	21.73	-2.61	16.97	<=38.45	Pass
		25	0	21.84	-2.61	17.08	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.21	-2.61	18.45	<=38.45	Pass
			25	23.35	-2.61	18.59	<=38.45	Pass
			49	23.36	-2.61	18.60	<=38.45	Pass
		25	0	22.80	-2.61	18.04	<=38.45	Pass
			13	22.84	-2.61	18.08	<=38.45	Pass
			25	22.78	-2.61	18.02	<=38.45	Pass
		50	0	22.82	-2.61	18.06	<=38.45	Pass
			0	23.30	-2.61	18.54	<=38.45	Pass
			25	23.34	-2.61	18.58	<=38.45	Pass
	836.5	1	49	23.28	-2.61	18.52	<=38.45	Pass
			0	22.89	-2.61	18.13	<=38.45	Pass
			13	22.88	-2.61	18.12	<=38.45	Pass
		25	25	22.88	-2.61	18.12	<=38.45	Pass
			0	22.95	-2.61	18.19	<=38.45	Pass
			0	23.33	-2.61	18.57	<=38.45	Pass
		25	25	23.27	-2.61	18.51	<=38.45	Pass
			49	23.19	-2.61	18.43	<=38.45	Pass
			0	22.85	-2.61	18.09	<=38.45	Pass
	844	25	13	22.77	-2.61	18.01	<=38.45	Pass
			25	22.69	-2.61	17.93	<=38.45	Pass
			0	22.83	-2.61	18.07	<=38.45	Pass
16QAM	829	1	0	22.24	-2.61	17.48	<=38.45	Pass
			25	22.36	-2.61	17.60	<=38.45	Pass
			49	22.36	-2.61	17.60	<=38.45	Pass
		12	0	22.80	-2.61	18.04	<=38.45	Pass
			19	22.91	-2.61	18.15	<=38.45	Pass
			38	22.87	-2.61	18.11	<=38.45	Pass
		27	0	21.84	-2.61	17.08	<=38.45	Pass
			0	22.50	-2.61	17.74	<=38.45	Pass
			25	22.55	-2.61	17.79	<=38.45	Pass
	836.5	1	49	22.43	-2.61	17.67	<=38.45	Pass
			0	22.90	-2.61	18.14	<=38.45	Pass
			19	22.88	-2.61	18.12	<=38.45	Pass
		12	38	22.90	-2.61	18.14	<=38.45	Pass
			0	21.92	-2.61	17.16	<=38.45	Pass
			0	22.82	-2.61	18.06	<=38.45	Pass
		27	25	22.77	-2.61	18.01	<=38.45	Pass
			49	22.68	-2.61	17.92	<=38.45	Pass
			0	22.87	-2.61	18.11	<=38.45	Pass
	844	12	19	22.82	-2.61	18.06	<=38.45	Pass
			38	22.79	-2.61	18.03	<=38.45	Pass
			23	21.58	-2.61	16.82	<=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	3.26	-3.505	-0.0043	-2.5 to 2.5	Pass
					3.70	-2.146	-0.0026	-2.5 to 2.5	Pass
					3.15	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.70	-1.888	-0.0023	-2.5 to 2.5	Pass
				-20	3.70	-1.760	-0.0021	-2.5 to 2.5	Pass
				-10	3.70	-0.744	-0.0009	-2.5 to 2.5	Pass
				0	3.70	-0.343	-0.0004	-2.5 to 2.5	Pass
				10	3.70	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.70	5.679	0.0069	-2.5 to 2.5	Pass
				40	3.70	6.423	0.0078	-2.5 to 2.5	Pass
				50	3.70	5.436	0.0066	-2.5 to 2.5	Pass
	836.5	6	0	20	3.26	7.782	0.0093	-2.5 to 2.5	Pass
					3.70	0.401	0.0005	-2.5 to 2.5	Pass
					3.15	3.963	0.0047	-2.5 to 2.5	Pass
				-30	3.70	-1.059	-0.0013	-2.5 to 2.5	Pass
				-20	3.70	-0.458	-0.0005	-2.5 to 2.5	Pass
				-10	3.70	3.719	0.0044	-2.5 to 2.5	Pass
				0	3.70	-2.947	-0.0035	-2.5 to 2.5	Pass
				10	3.70	-2.317	-0.0028	-2.5 to 2.5	Pass
				30	3.70	2.732	0.0033	-2.5 to 2.5	Pass
				40	3.70	-2.761	-0.0033	-2.5 to 2.5	Pass
				50	3.70	4.463	0.0053	-2.5 to 2.5	Pass
	848.3	6	0	20	3.26	3.147	0.0037	-2.5 to 2.5	Pass
					3.70	4.778	0.0056	-2.5 to 2.5	Pass
					3.15	1.445	0.0017	-2.5 to 2.5	Pass
				-30	3.70	2.789	0.0033	-2.5 to 2.5	Pass
				-20	3.70	-2.460	-0.0029	-2.5 to 2.5	Pass
				-10	3.70	-2.761	-0.0033	-2.5 to 2.5	Pass
				0	3.70	3.905	0.0046	-2.5 to 2.5	Pass
				10	3.70	-2.918	-0.0034	-2.5 to 2.5	Pass
				30	3.70	0.744	0.0009	-2.5 to 2.5	Pass
				40	3.70	-0.744	-0.0009	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.26	6.452	0.0078	-2.5 to 2.5	Pass
					3.70	3.119	0.0038	-2.5 to 2.5	Pass
					3.15	0.172	0.0002	-2.5 to 2.5	Pass
				-30	3.70	3.190	0.0039	-2.5 to 2.5	Pass
				-20	3.70	-3.433	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-1.173	-0.0014	-2.5 to 2.5	Pass
				0	3.70	5.178	0.0063	-2.5 to 2.5	Pass
				10	3.70	-0.987	-0.0012	-2.5 to 2.5	Pass
				30	3.70	0.215	0.0003	-2.5 to 2.5	Pass
				40	3.70	1.273	0.0015	-2.5 to 2.5	Pass
				50	3.70	-3.190	-0.0039	-2.5 to 2.5	Pass
	836.5	6	0	20	3.26	-0.172	-0.0002	-2.5 to 2.5	Pass
					3.70	2.589	0.0031	-2.5 to 2.5	Pass
					3.15	-0.257	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	1.287	0.0015	-2.5 to 2.5	Pass
				-20	3.70	-2.203	-0.0026	-2.5 to 2.5	Pass
				-10	3.70	-0.086	-0.0001	-2.5 to 2.5	Pass

				0	3.70	6.266	0.0075	-2.5 to 2.5	Pass
				10	3.70	-0.958	-0.0011	-2.5 to 2.5	Pass
				30	3.70	1.688	0.0020	-2.5 to 2.5	Pass
				40	3.70	0.257	0.0003	-2.5 to 2.5	Pass
				50	3.70	0.472	0.0006	-2.5 to 2.5	Pass
	848.3	6	0	20	3.26	7.997	0.0094	-2.5 to 2.5	Pass
					3.70	3.734	0.0044	-2.5 to 2.5	Pass
					3.15	2.089	0.0025	-2.5 to 2.5	Pass
				-30	3.70	3.605	0.0042	-2.5 to 2.5	Pass
				-20	3.70	1.001	0.0012	-2.5 to 2.5	Pass
				-10	3.70	1.917	0.0023	-2.5 to 2.5	Pass
				0	3.70	-2.646	-0.0031	-2.5 to 2.5	Pass
				10	3.70	-3.133	-0.0037	-2.5 to 2.5	Pass
				30	3.70	1.488	0.0018	-2.5 to 2.5	Pass
				40	3.70	0.901	0.0011	-2.5 to 2.5	Pass
				50	3.70	-0.300	-0.0004	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.26	-1.345	-0.0016	-2.5 to 2.5	Pass
					3.70	-6.123	-0.0074	-2.5 to 2.5	Pass
					3.15	-5.493	-0.0067	-2.5 to 2.5	Pass
				-30	3.70	-2.418	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	-0.386	-0.0005	-2.5 to 2.5	Pass
				-10	3.70	-4.177	-0.0051	-2.5 to 2.5	Pass
				0	3.70	3.262	0.0040	-2.5 to 2.5	Pass
				10	3.70	2.789	0.0034	-2.5 to 2.5	Pass
				30	3.70	-4.334	-0.0053	-2.5 to 2.5	Pass
				40	3.70	-5.007	-0.0061	-2.5 to 2.5	Pass
				50	3.70	-1.659	-0.0020	-2.5 to 2.5	Pass
	836.5	15	0	20	3.26	1.802	0.0022	-2.5 to 2.5	Pass
					3.70	-4.249	-0.0051	-2.5 to 2.5	Pass
					3.15	-0.272	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	-0.715	-0.0009	-2.5 to 2.5	Pass
				-20	3.70	0.644	0.0008	-2.5 to 2.5	Pass
				-10	3.70	-0.958	-0.0011	-2.5 to 2.5	Pass
				0	3.70	-4.392	-0.0053	-2.5 to 2.5	Pass
				10	3.70	-1.860	-0.0022	-2.5 to 2.5	Pass
				30	3.70	-1.359	-0.0016	-2.5 to 2.5	Pass
				40	3.70	-4.864	-0.0058	-2.5 to 2.5	Pass
				50	3.70	-4.506	-0.0054	-2.5 to 2.5	Pass
	847.5	15	0	20	3.26	-0.372	-0.0004	-2.5 to 2.5	Pass
					3.70	1.216	0.0014	-2.5 to 2.5	Pass
					3.15	0.272	0.0003	-2.5 to 2.5	Pass
				-30	3.70	5.050	0.0060	-2.5 to 2.5	Pass
				-20	3.70	4.063	0.0048	-2.5 to 2.5	Pass
				-10	3.70	2.832	0.0033	-2.5 to 2.5	Pass
				0	3.70	-2.289	-0.0027	-2.5 to 2.5	Pass
				10	3.70	3.076	0.0036	-2.5 to 2.5	Pass
				30	3.70	-3.347	-0.0039	-2.5 to 2.5	Pass
				40	3.70	1.688	0.0020	-2.5 to 2.5	Pass
				50	3.70	4.148	0.0049	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.26	-0.014	0.0000	-2.5 to 2.5	Pass
					3.70	-0.386	-0.0005	-2.5 to 2.5	Pass
					3.15	2.646	0.0032	-2.5 to 2.5	Pass

				-30	3.70	-2.046	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-2.561	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	2.189	0.0027	-2.5 to 2.5	Pass
				0	3.70	-1.373	-0.0017	-2.5 to 2.5	Pass
				10	3.70	-2.789	-0.0034	-2.5 to 2.5	Pass
				30	3.70	0.443	0.0005	-2.5 to 2.5	Pass
				40	3.70	1.516	0.0018	-2.5 to 2.5	Pass
				50	3.70	-1.388	-0.0017	-2.5 to 2.5	Pass
	836.5	15	0	20	3.26	-3.362	-0.0040	-2.5 to 2.5	Pass
					3.70	-0.629	-0.0008	-2.5 to 2.5	Pass
					3.15	-0.472	-0.0006	-2.5 to 2.5	Pass
				-30	3.70	0.787	0.0009	-2.5 to 2.5	Pass
				-20	3.70	-3.963	-0.0047	-2.5 to 2.5	Pass
				-10	3.70	3.405	0.0041	-2.5 to 2.5	Pass
				0	3.70	-1.745	-0.0021	-2.5 to 2.5	Pass
				10	3.70	2.804	0.0034	-2.5 to 2.5	Pass
				30	3.70	1.030	0.0012	-2.5 to 2.5	Pass
				40	3.70	1.173	0.0014	-2.5 to 2.5	Pass
				50	3.70	1.473	0.0018	-2.5 to 2.5	Pass
	847.5	15	0	20	3.26	-1.101	-0.0013	-2.5 to 2.5	Pass
					3.70	4.234	0.0050	-2.5 to 2.5	Pass
					3.15	-1.030	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	2.146	0.0025	-2.5 to 2.5	Pass
				-20	3.70	1.931	0.0023	-2.5 to 2.5	Pass
				-10	3.70	4.478	0.0053	-2.5 to 2.5	Pass
				0	3.70	-0.672	-0.0008	-2.5 to 2.5	Pass
				10	3.70	0.486	0.0006	-2.5 to 2.5	Pass
				30	3.70	-6.609	-0.0078	-2.5 to 2.5	Pass
				40	3.70	-5.250	-0.0062	-2.5 to 2.5	Pass
				50	3.70	-0.486	-0.0006	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.26	-1.087	-0.0013	-2.5 to 2.5	Pass
					3.70	-2.217	-0.0027	-2.5 to 2.5	Pass
					3.15	-1.960	-0.0024	-2.5 to 2.5	Pass
				-30	3.70	-2.933	-0.0035	-2.5 to 2.5	Pass
				-20	3.70	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	-2.933	-0.0035	-2.5 to 2.5	Pass
				0	3.70	-2.160	-0.0026	-2.5 to 2.5	Pass
				10	3.70	-1.559	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-3.591	-0.0043	-2.5 to 2.5	Pass
				40	3.70	1.731	0.0021	-2.5 to 2.5	Pass
				50	3.70	-2.031	-0.0025	-2.5 to 2.5	Pass
	836.5	25	0	20	3.26	-4.063	-0.0049	-2.5 to 2.5	Pass
					3.70	0.858	0.0010	-2.5 to 2.5	Pass
					3.15	1.202	0.0014	-2.5 to 2.5	Pass
				-30	3.70	-4.148	-0.0050	-2.5 to 2.5	Pass
				-20	3.70	-0.572	-0.0007	-2.5 to 2.5	Pass
				-10	3.70	-0.172	-0.0002	-2.5 to 2.5	Pass
				0	3.70	-3.619	-0.0043	-2.5 to 2.5	Pass
				10	3.70	0.830	0.0010	-2.5 to 2.5	Pass
				30	3.70	0.815	0.0010	-2.5 to 2.5	Pass
				40	3.70	-3.476	-0.0042	-2.5 to 2.5	Pass
				50	3.70	-1.817	-0.0022	-2.5 to 2.5	Pass

	846.5	25	0	20	3.26	-2.418	-0.0029	-2.5 to 2.5	Pass
					3.70	0.501	0.0006	-2.5 to 2.5	Pass
					3.15	2.275	0.0027	-2.5 to 2.5	Pass
				-30	3.70	4.592	0.0054	-2.5 to 2.5	Pass
				-20	3.70	0.572	0.0007	-2.5 to 2.5	Pass
				-10	3.70	4.878	0.0058	-2.5 to 2.5	Pass
				0	3.70	-3.705	-0.0044	-2.5 to 2.5	Pass
				10	3.70	0.873	0.0010	-2.5 to 2.5	Pass
				30	3.70	-0.486	-0.0006	-2.5 to 2.5	Pass
				40	3.70	-4.106	-0.0049	-2.5 to 2.5	Pass
				50	3.70	-0.701	-0.0008	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.26	-0.873	-0.0011	-2.5 to 2.5	Pass
					3.70	-0.758	-0.0009	-2.5 to 2.5	Pass
					3.15	2.661	0.0032	-2.5 to 2.5	Pass
				-30	3.70	0.472	0.0006	-2.5 to 2.5	Pass
				-20	3.70	-0.529	-0.0006	-2.5 to 2.5	Pass
				-10	3.70	1.216	0.0015	-2.5 to 2.5	Pass
				0	3.70	2.131	0.0026	-2.5 to 2.5	Pass
				10	3.70	-2.246	-0.0027	-2.5 to 2.5	Pass
				30	3.70	-0.043	-0.0001	-2.5 to 2.5	Pass
				40	3.70	1.488	0.0018	-2.5 to 2.5	Pass
				50	3.70	-0.014	0.0000	-2.5 to 2.5	Pass
	836.5	25	0	20	3.26	-0.386	-0.0005	-2.5 to 2.5	Pass
					3.70	3.247	0.0039	-2.5 to 2.5	Pass
					3.15	-1.559	-0.0019	-2.5 to 2.5	Pass
				-30	3.70	-3.390	-0.0041	-2.5 to 2.5	Pass
				-20	3.70	1.903	0.0023	-2.5 to 2.5	Pass
				-10	3.70	0.787	0.0009	-2.5 to 2.5	Pass
				0	3.70	1.616	0.0019	-2.5 to 2.5	Pass
				10	3.70	2.933	0.0035	-2.5 to 2.5	Pass
				30	3.70	0.458	0.0005	-2.5 to 2.5	Pass
				40	3.70	-2.704	-0.0032	-2.5 to 2.5	Pass
				50	3.70	-1.359	-0.0016	-2.5 to 2.5	Pass
	846.5	25	0	20	3.26	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.70	-0.958	-0.0011	-2.5 to 2.5	Pass
					3.15	0.544	0.0006	-2.5 to 2.5	Pass
				-30	3.70	0.873	0.0010	-2.5 to 2.5	Pass
				-20	3.70	1.273	0.0015	-2.5 to 2.5	Pass
				-10	3.70	2.074	0.0025	-2.5 to 2.5	Pass
				0	3.70	-1.416	-0.0017	-2.5 to 2.5	Pass
				10	3.70	-4.349	-0.0051	-2.5 to 2.5	Pass
				30	3.70	2.875	0.0034	-2.5 to 2.5	Pass
				40	3.70	0.501	0.0006	-2.5 to 2.5	Pass
				50	3.70	-2.789	-0.0033	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.26	-1.259	-0.0015	-2.5 to 2.5	Pass
					3.70	-1.888	-0.0023	-2.5 to 2.5	Pass
					3.15	-0.644	-0.0008	-2.5 to 2.5	Pass
				-30	3.70	-2.489	-0.0030	-2.5 to 2.5	Pass
				-20	3.70	-0.200	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	0.129	0.0002	-2.5 to 2.5	Pass
				0	3.70	0.215	0.0003	-2.5 to 2.5	Pass
				10	3.70	0.086	0.0001	-2.5 to 2.5	Pass

				30	3.70	-4.048	-0.0049	-2.5 to 2.5	Pass
				40	3.70	-1.674	-0.0020	-2.5 to 2.5	Pass
				50	3.70	0.858	0.0010	-2.5 to 2.5	Pass
	836.5	50	0	20	3.26	-3.948	-0.0047	-2.5 to 2.5	Pass
					3.70	-2.832	-0.0034	-2.5 to 2.5	Pass
					3.15	-0.687	-0.0008	-2.5 to 2.5	Pass
				-30	3.70	-1.087	-0.0013	-2.5 to 2.5	Pass
				-20	3.70	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.70	-1.602	-0.0019	-2.5 to 2.5	Pass
				0	3.70	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.70	-1.087	-0.0013	-2.5 to 2.5	Pass
				30	3.70	-2.117	-0.0025	-2.5 to 2.5	Pass
				40	3.70	-0.715	-0.0009	-2.5 to 2.5	Pass
				50	3.70	-1.245	-0.0015	-2.5 to 2.5	Pass
	844	50	0	20	3.26	-0.958	-0.0011	-2.5 to 2.5	Pass
					3.70	-1.802	-0.0021	-2.5 to 2.5	Pass
					3.15	-3.119	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	-1.688	-0.0020	-2.5 to 2.5	Pass
				-20	3.70	-1.702	-0.0020	-2.5 to 2.5	Pass
				-10	3.70	0.114	0.0001	-2.5 to 2.5	Pass
				0	3.70	-4.978	-0.0059	-2.5 to 2.5	Pass
				10	3.70	-0.944	-0.0011	-2.5 to 2.5	Pass
				30	3.70	-0.958	-0.0011	-2.5 to 2.5	Pass
				40	3.70	-0.415	-0.0005	-2.5 to 2.5	Pass
				50	3.70	-0.930	-0.0011	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.26	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.70	-2.761	-0.0033	-2.5 to 2.5	Pass
					3.15	-0.286	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	1.445	0.0017	-2.5 to 2.5	Pass
				-20	3.70	0.300	0.0004	-2.5 to 2.5	Pass
				-10	3.70	-4.134	-0.0050	-2.5 to 2.5	Pass
				0	3.70	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	3.70	-0.815	-0.0010	-2.5 to 2.5	Pass
				30	3.70	-2.804	-0.0034	-2.5 to 2.5	Pass
				40	3.70	-1.402	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-4.678	-0.0056	-2.5 to 2.5	Pass
	836.5	27	0	20	3.26	3.247	0.0039	-2.5 to 2.5	Pass
					3.70	2.646	0.0032	-2.5 to 2.5	Pass
					3.15	-4.535	-0.0054	-2.5 to 2.5	Pass
				-30	3.70	2.646	0.0032	-2.5 to 2.5	Pass
				-20	3.70	2.689	0.0032	-2.5 to 2.5	Pass
				-10	3.70	1.502	0.0018	-2.5 to 2.5	Pass
				0	3.70	3.991	0.0048	-2.5 to 2.5	Pass
				10	3.70	0.272	0.0003	-2.5 to 2.5	Pass
				30	3.70	-2.761	-0.0033	-2.5 to 2.5	Pass
				40	3.70	-5.751	-0.0069	-2.5 to 2.5	Pass
				50	3.70	-2.561	-0.0031	-2.5 to 2.5	Pass
	844	27	23	20	3.26	-3.877	-0.0046	-2.5 to 2.5	Pass
					3.70	-3.619	-0.0043	-2.5 to 2.5	Pass
					3.15	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.70	-3.934	-0.0047	-2.5 to 2.5	Pass
				-20	3.70	-2.174	-0.0026	-2.5 to 2.5	Pass
				-10	3.70	-2.131	-0.0025	-2.5 to 2.5	Pass
				0	3.70	-2.947	-0.0035	-2.5 to 2.5	Pass
				10	3.70	-1.030	-0.0012	-2.5 to 2.5	Pass
				30	3.70	-4.792	-0.0057	-2.5 to 2.5	Pass
				40	3.70	-0.129	-0.0002	-2.5 to 2.5	Pass
				50	3.70	-2.017	-0.0024	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

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

3.1.2 B5_3MHz

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

3.1.3 B5_5MHz

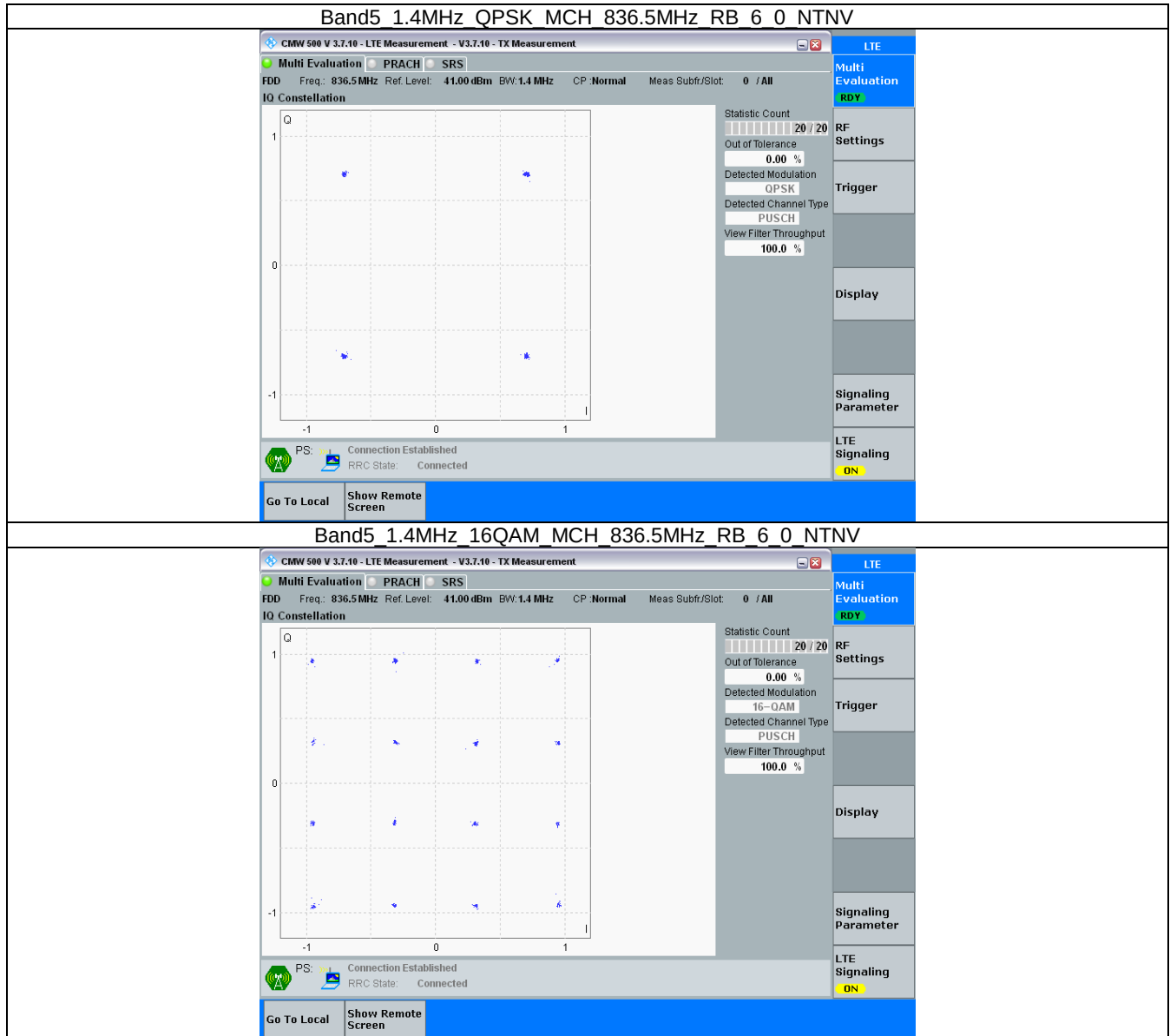
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

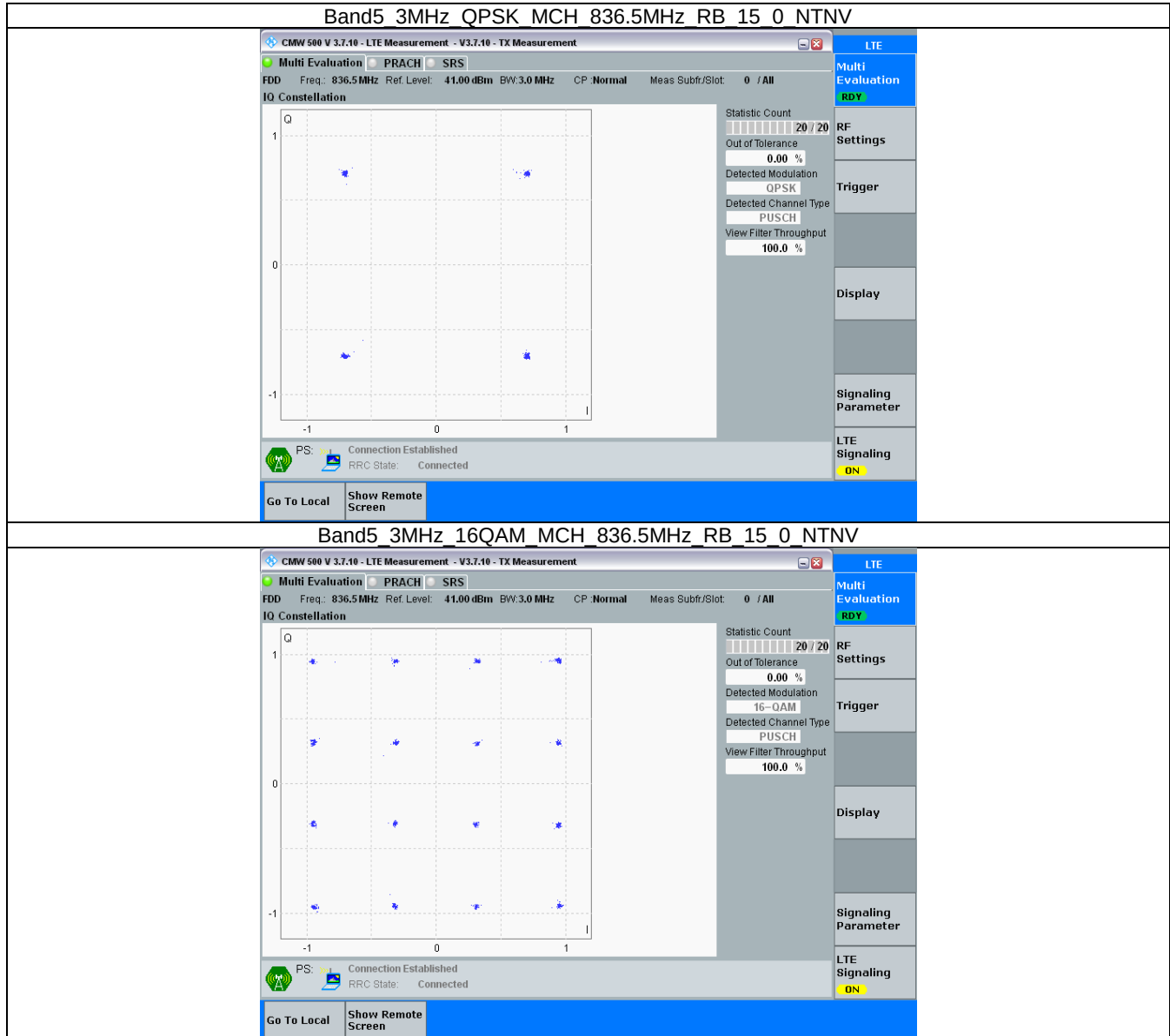
Band: 5 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

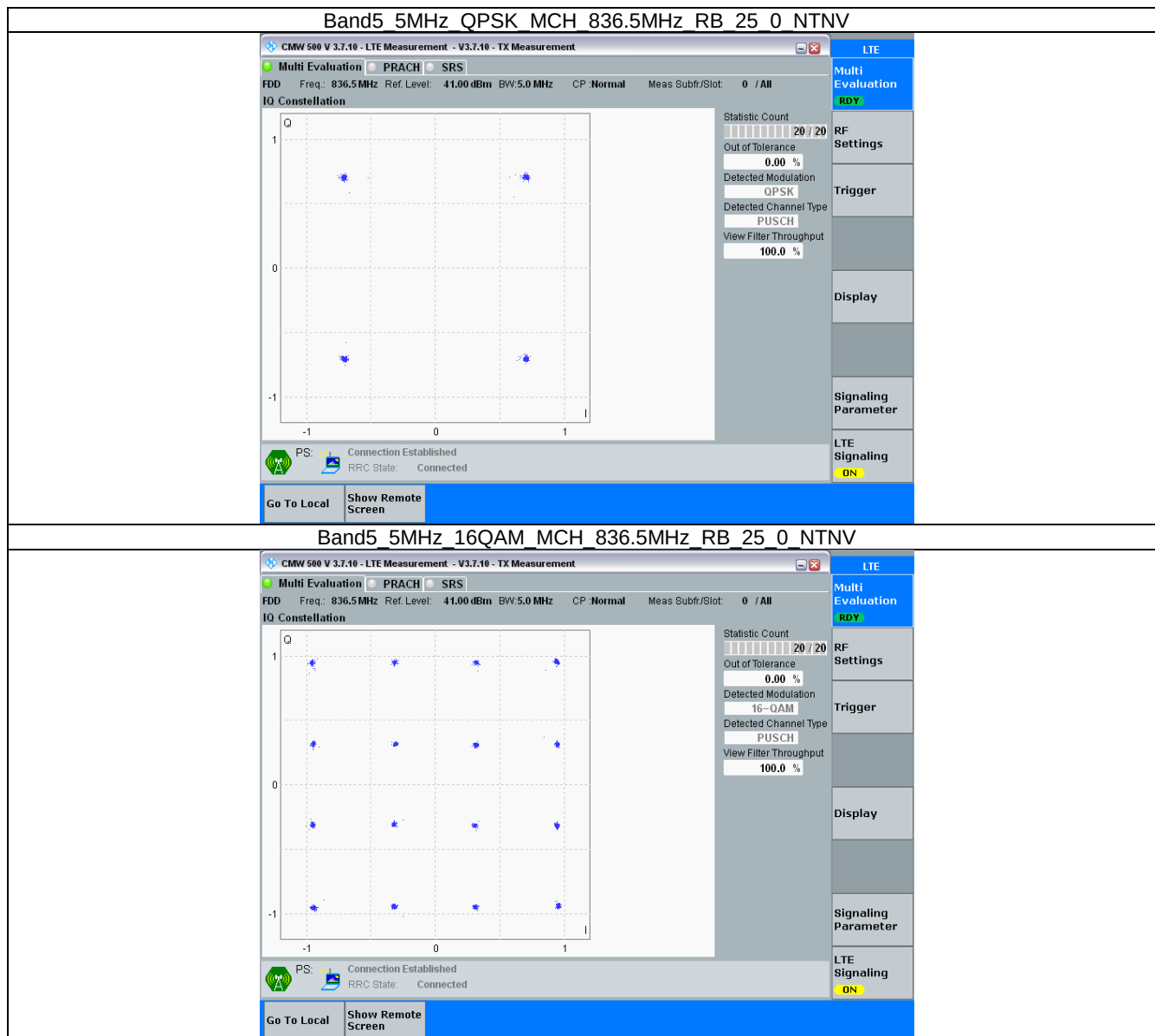
3.2.1 B5_1.4MHz



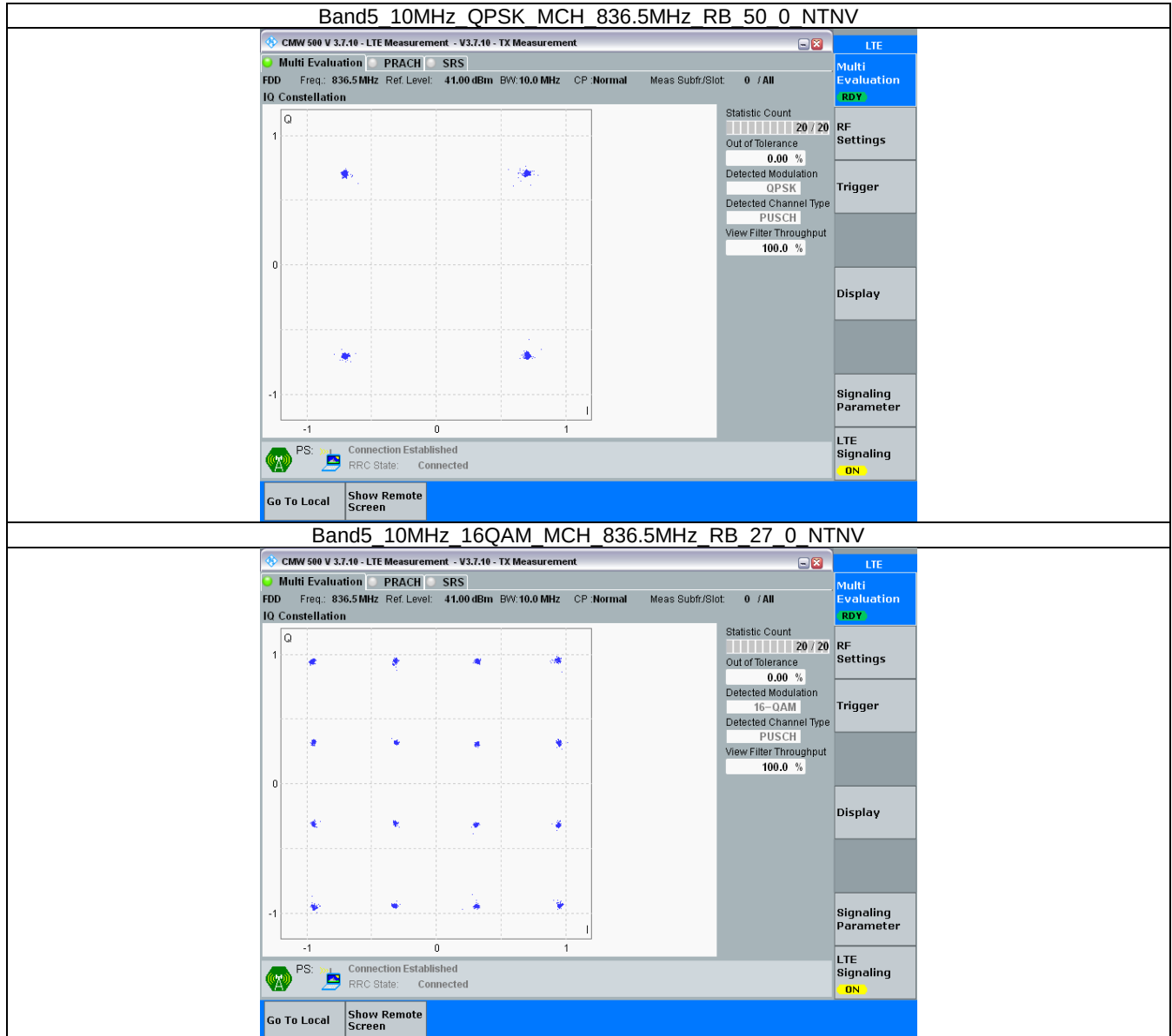
3.2.2 B5_3MHz



3.2.3 B5_5MHz



3.2.4 B5_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.091	/	Pass
		836.5	6	0	1.085	/	Pass
		848.3	6	0	1.087	/	Pass
	16QAM	824.7	6	0	1.086	/	Pass
		836.5	6	0	1.081	/	Pass
		848.3	6	0	1.089	/	Pass
3	QPSK	825.5	15	0	2.684	/	Pass
		836.5	15	0	2.691	/	Pass
		847.5	15	0	2.689	/	Pass
	16QAM	825.5	15	0	2.679	/	Pass
		836.5	15	0	2.682	/	Pass
		847.5	15	0	2.683	/	Pass
5	QPSK	826.5	25	0	4.502	/	Pass
		836.5	25	0	4.512	/	Pass
		846.5	25	0	4.524	/	Pass
	16QAM	826.5	25	0	4.518	/	Pass
		836.5	25	0	4.527	/	Pass
		846.5	25	0	4.511	/	Pass
10	QPSK	829	50	0	8.950	/	Pass
		836.5	50	0	8.958	/	Pass
		844	50	0	8.959	/	Pass
	16QAM	829	27	0	4.892	/	Pass
		836.5	27	0	4.890	/	Pass
		844	27	23	4.921	/	Pass

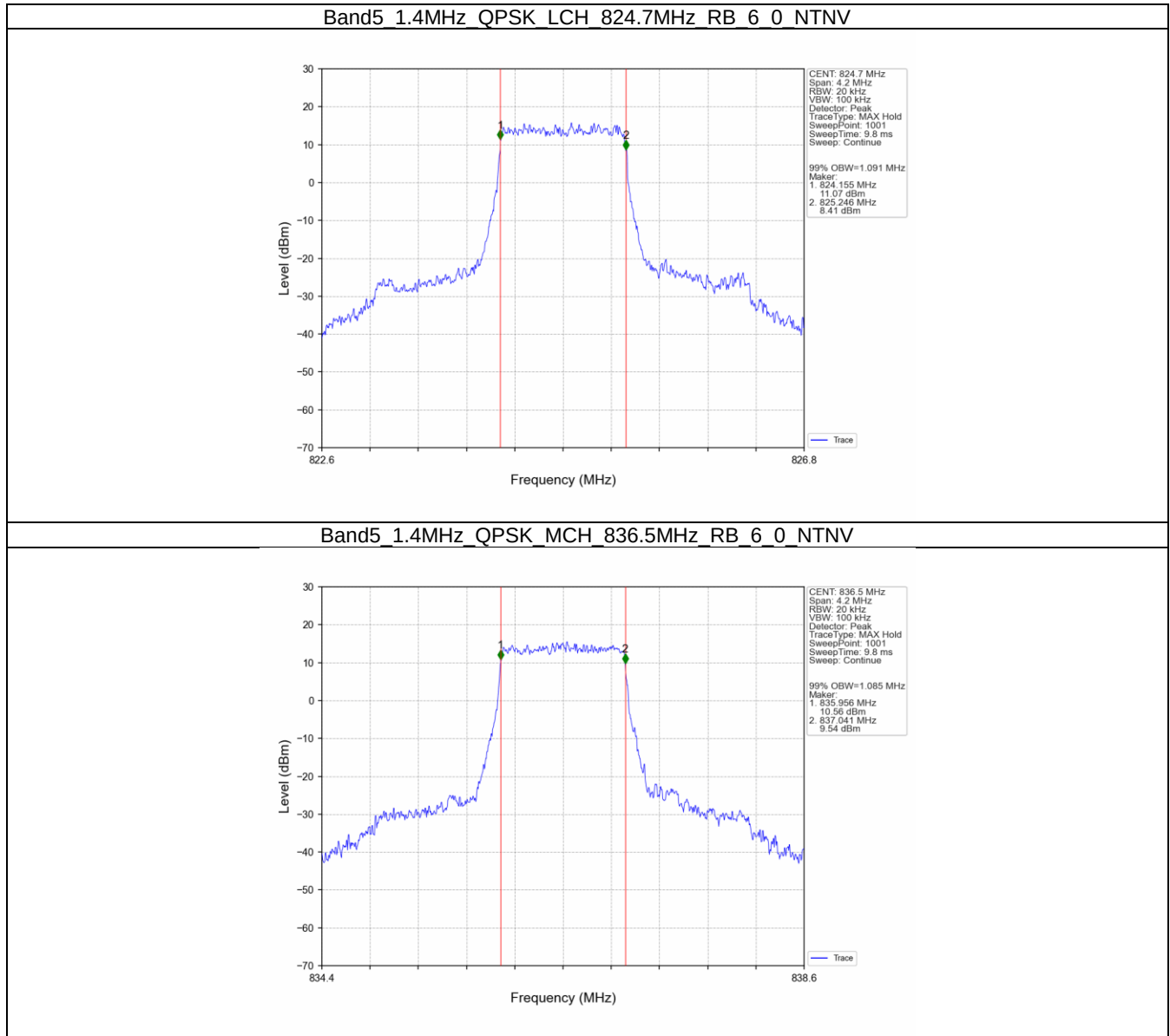
4.1.2 Band5_XDB

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.268	/	Pass
		836.5	6	0	1.281	/	Pass
		848.3	6	0	1.248	/	Pass
	16QAM	824.7	6	0	1.273	/	Pass
		836.5	6	0	1.247	/	Pass
		848.3	6	0	1.272	/	Pass
3	QPSK	825.5	15	0	2.883	/	Pass
		836.5	15	0	2.876	/	Pass
		847.5	15	0	2.901	/	Pass
	16QAM	825.5	15	0	2.898	/	Pass
		836.5	15	0	2.881	/	Pass
		847.5	15	0	2.884	/	Pass
5	QPSK	826.5	25	0	4.939	/	Pass
		836.5	25	0	5.021	/	Pass
		846.5	25	0	4.985	/	Pass

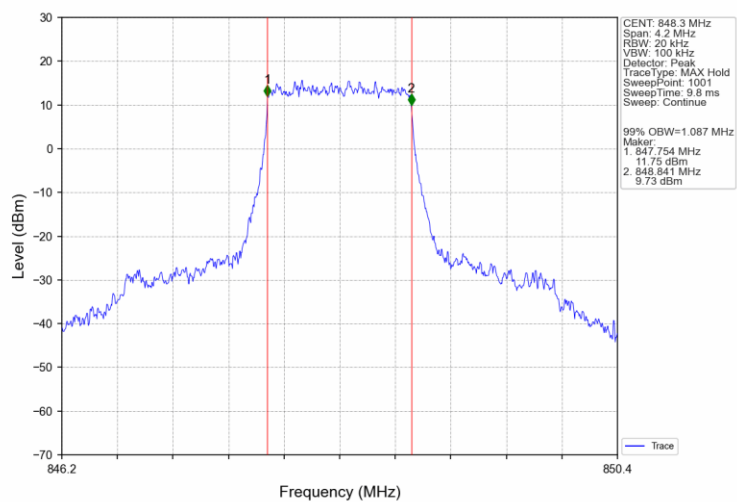
10	16QAM	826.5	25	0	4.966	/	Pass
		836.5	25	0	4.982	/	Pass
		846.5	25	0	4.933	/	Pass
	QPSK	829	50	0	9.587	/	Pass
		836.5	50	0	9.615	/	Pass
		844	50	0	9.548	/	Pass
	16QAM	829	27	0	5.652	/	Pass
		836.5	27	0	5.640	/	Pass
		844	27	23	5.723	/	Pass

4.2 Test Graph

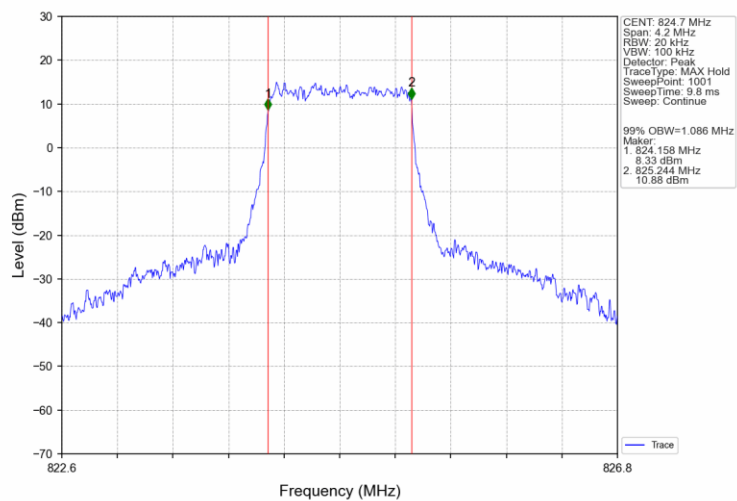
4.2.1 Band5_OBW



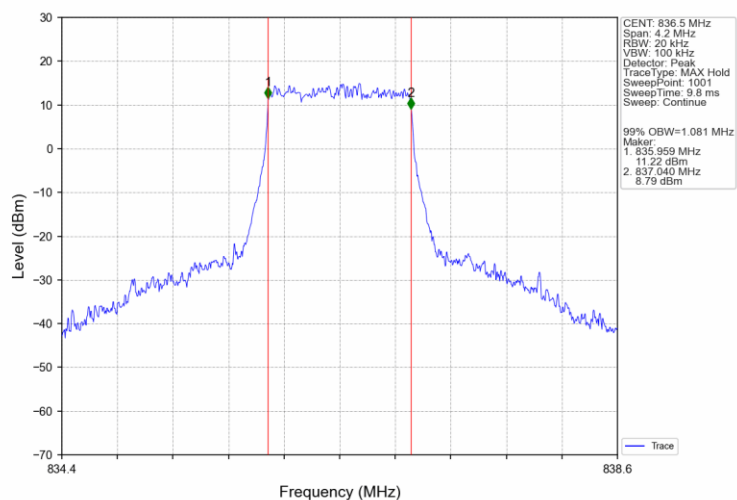
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



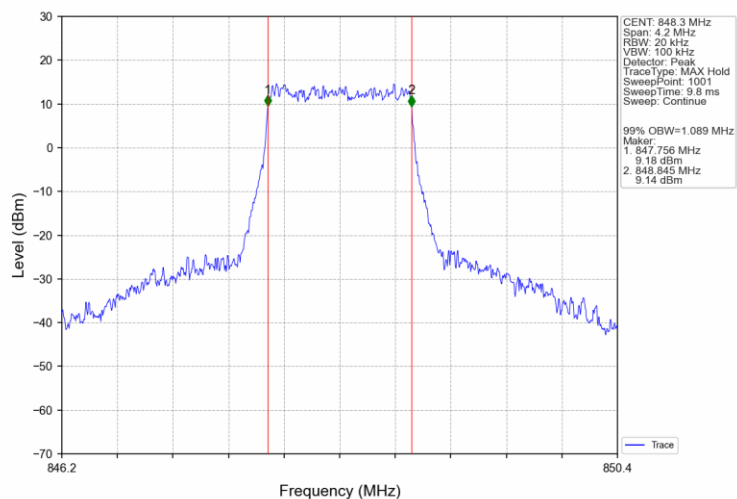
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



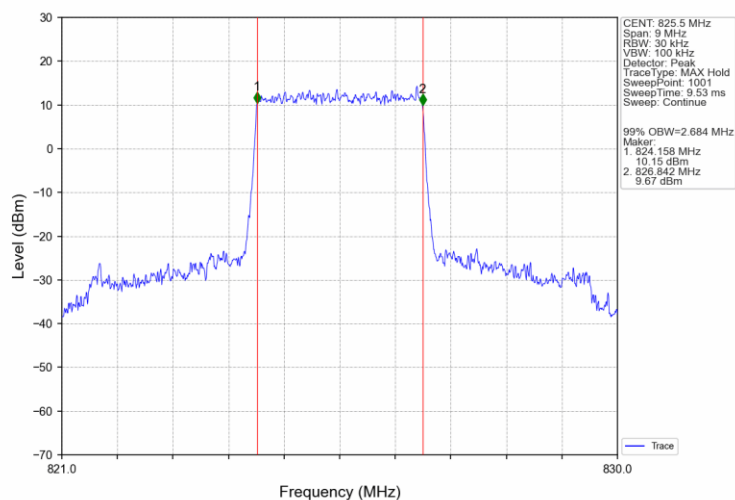
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



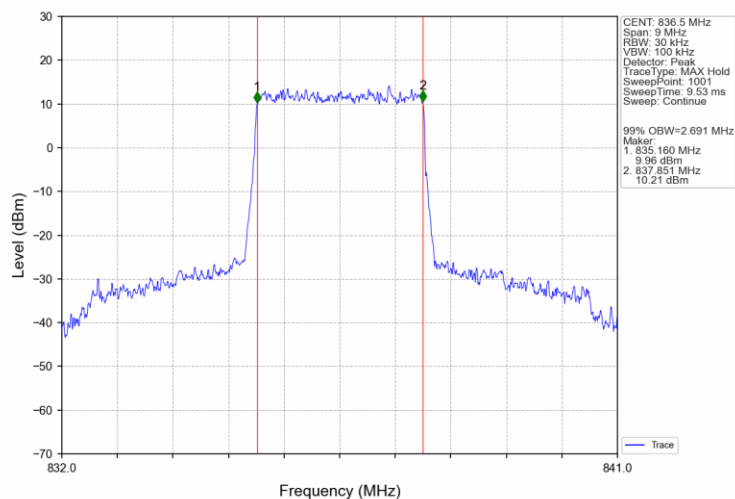
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



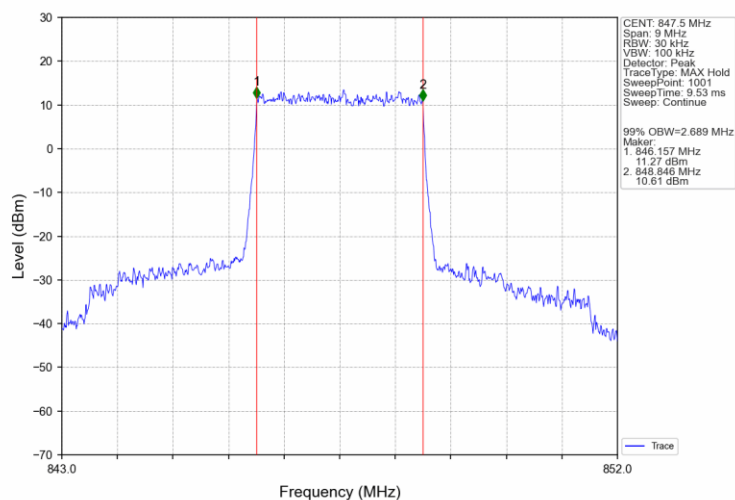
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



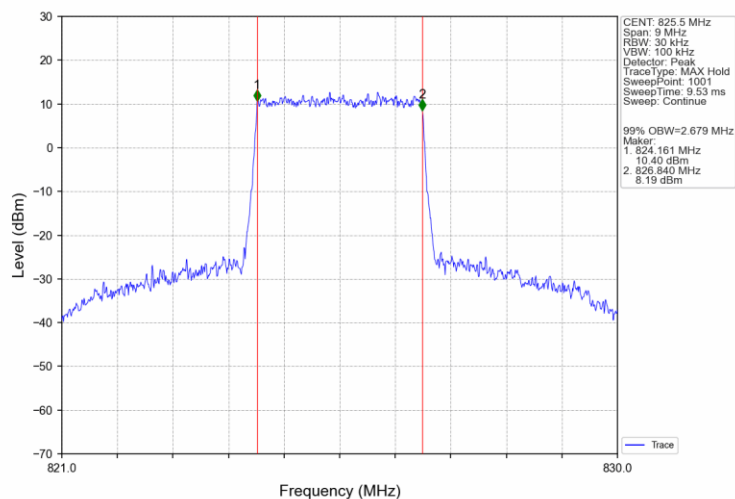
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



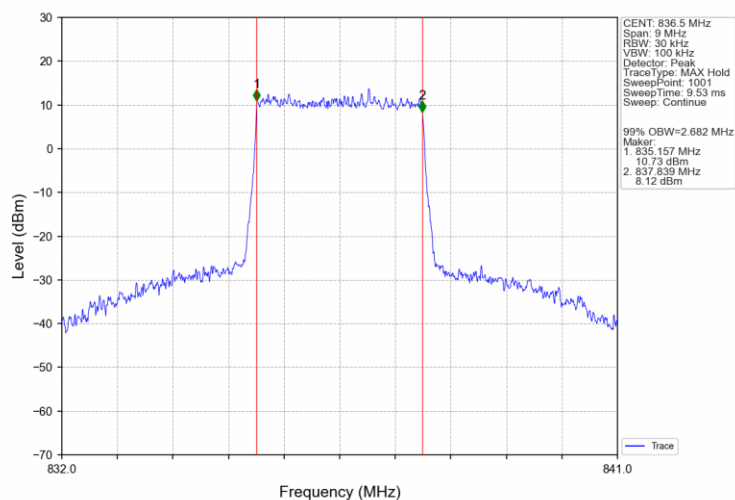
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



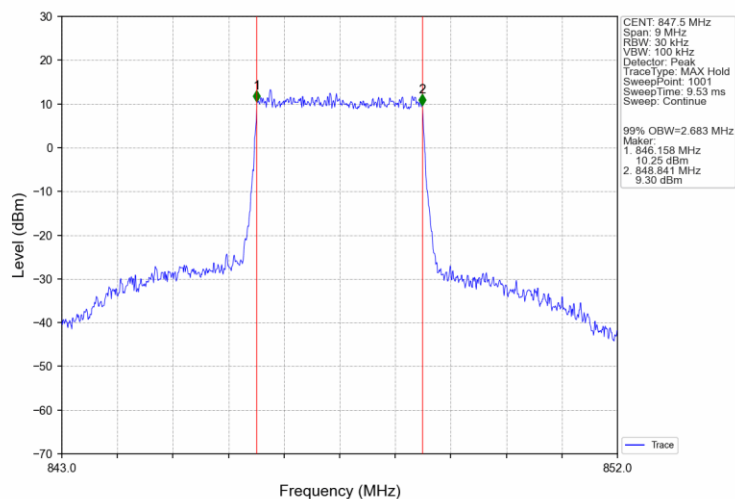
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



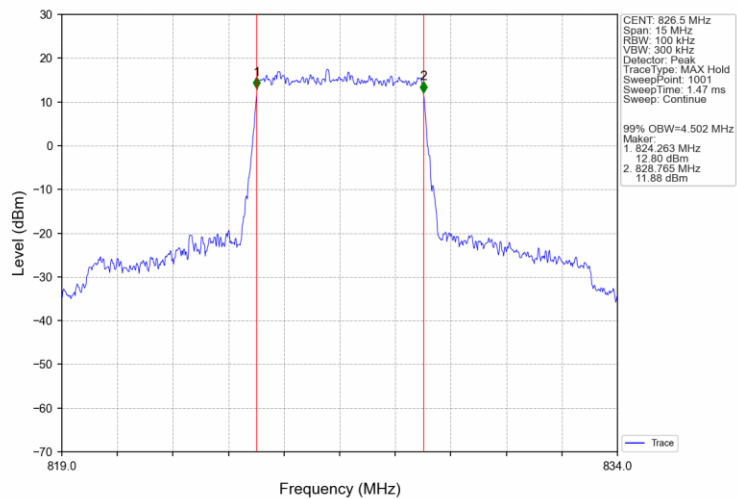
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



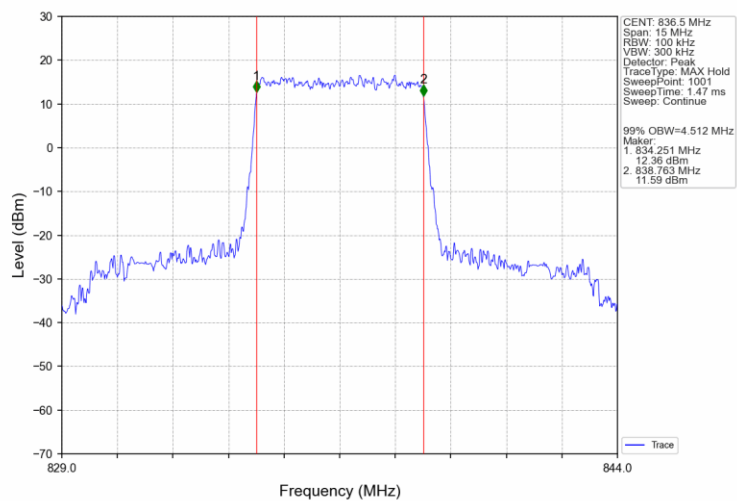
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



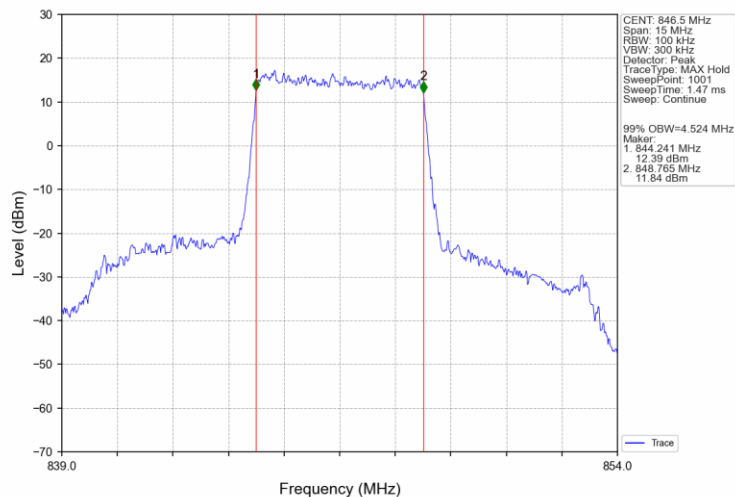
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



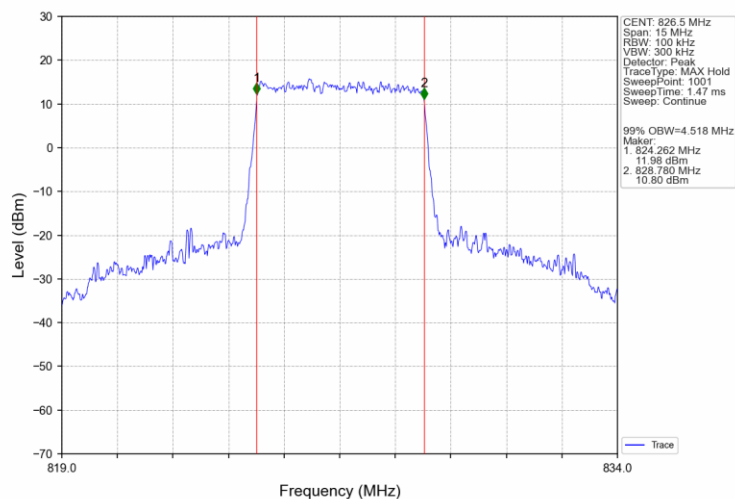
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



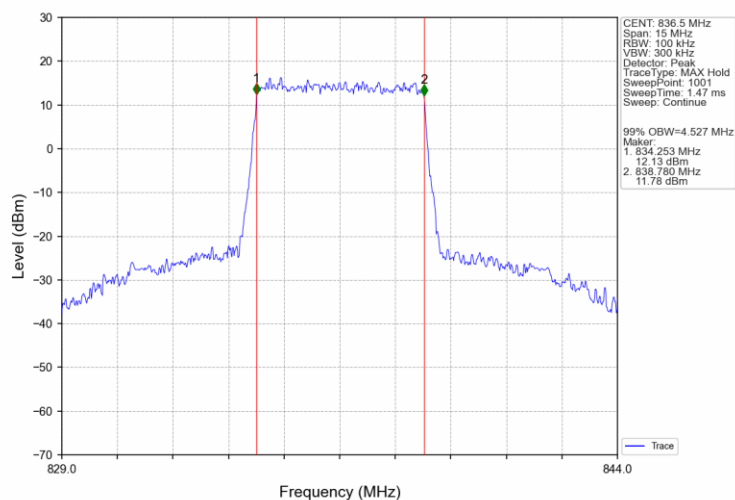
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



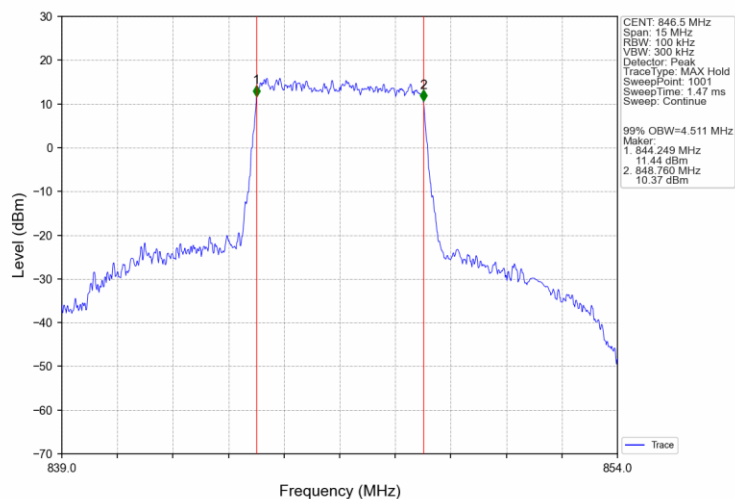
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



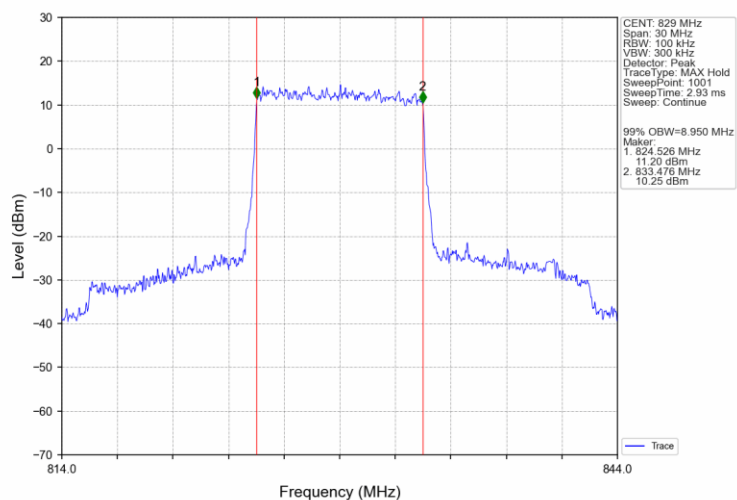
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



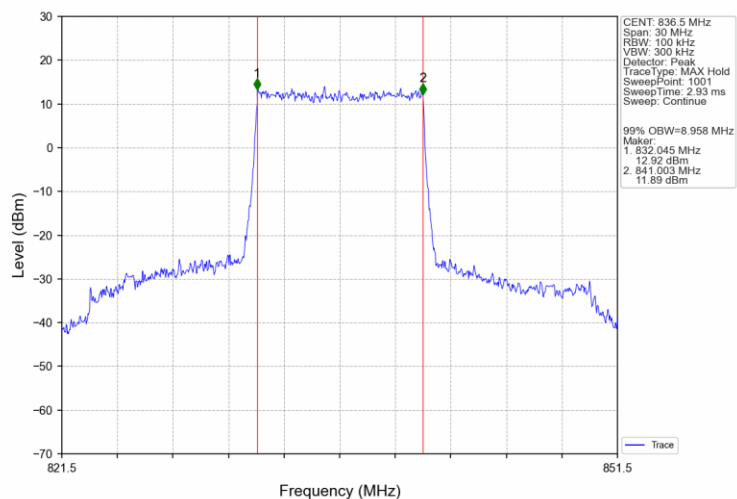
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



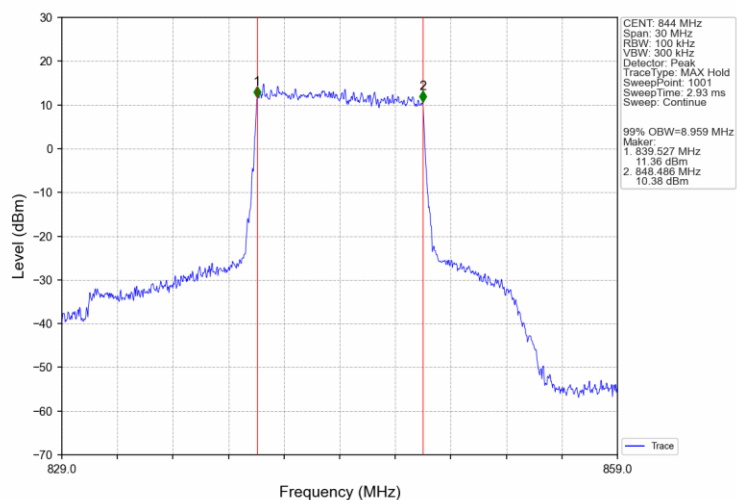
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



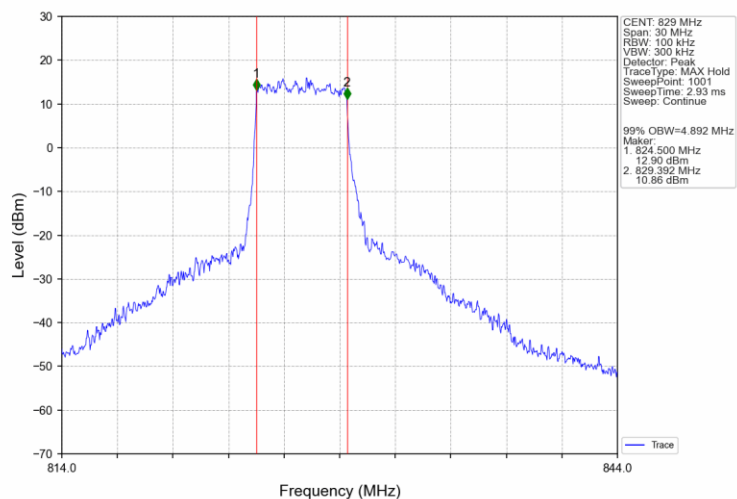
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



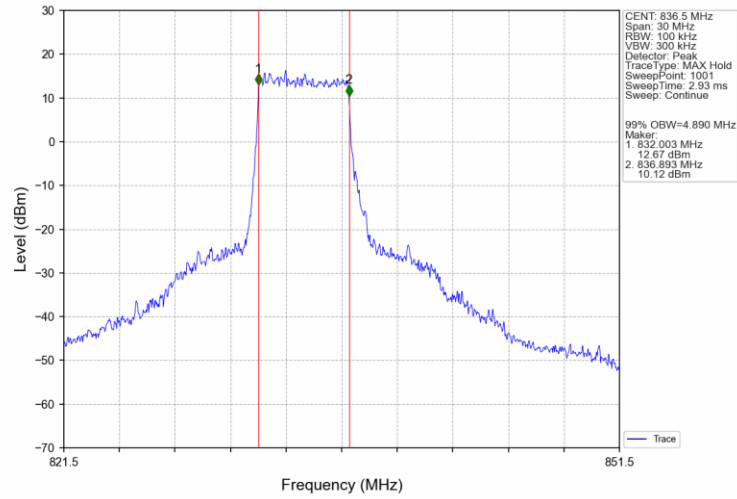
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



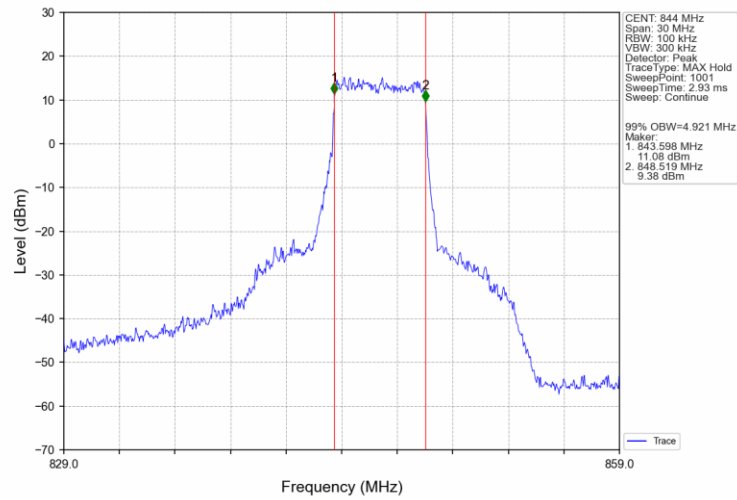
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV

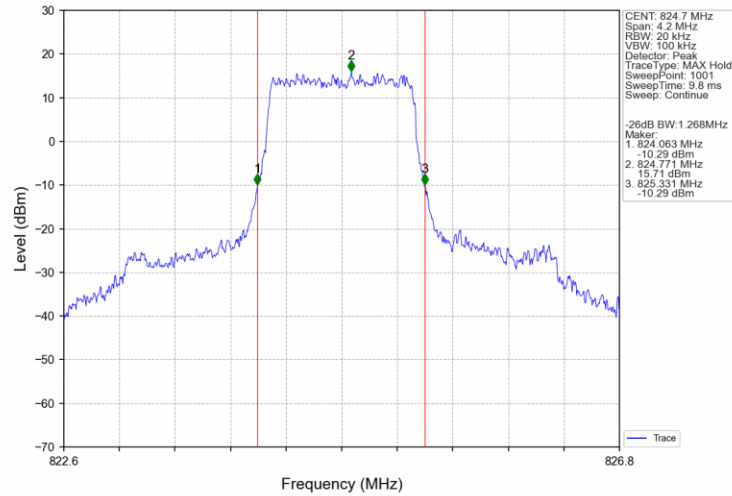


Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

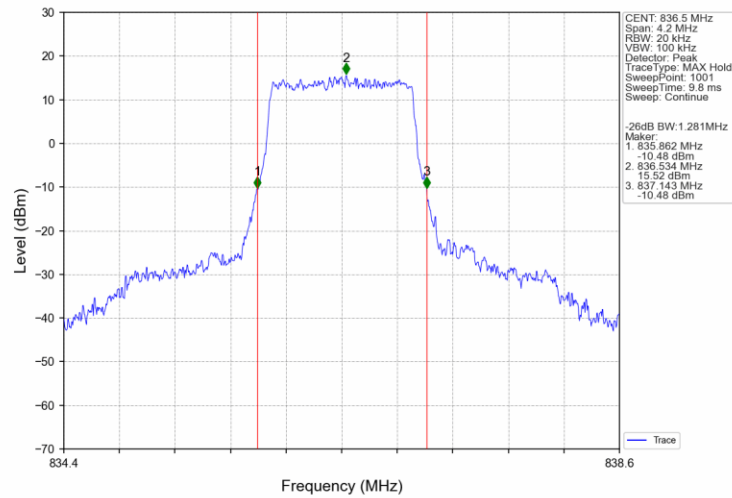


4.2.2 Band5_XDB

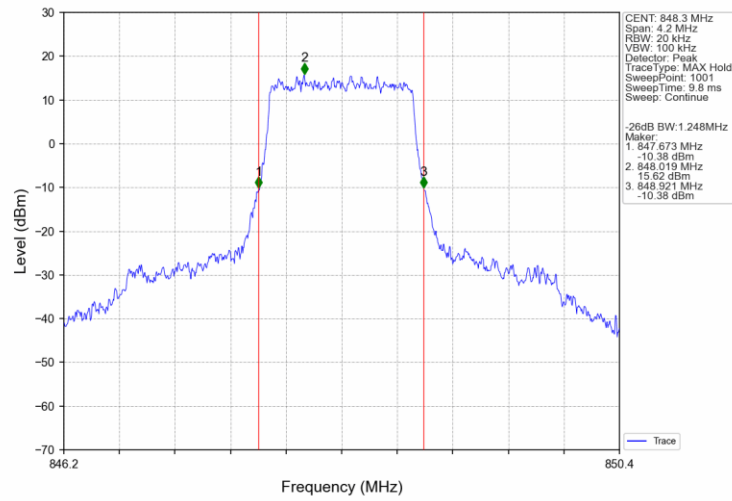
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



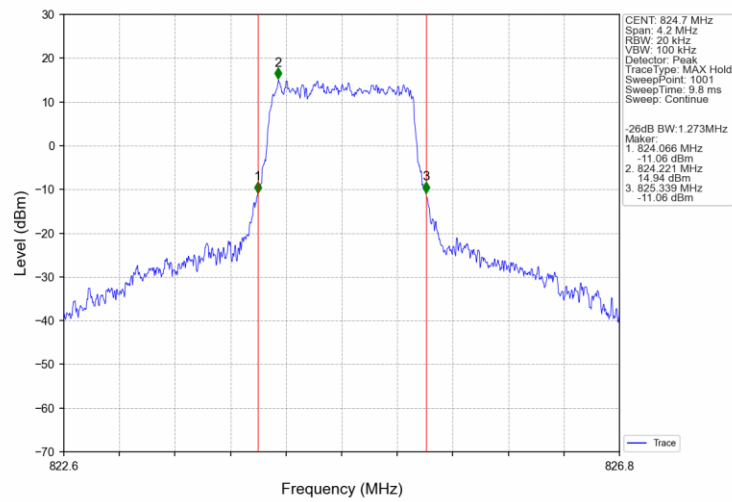
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTN



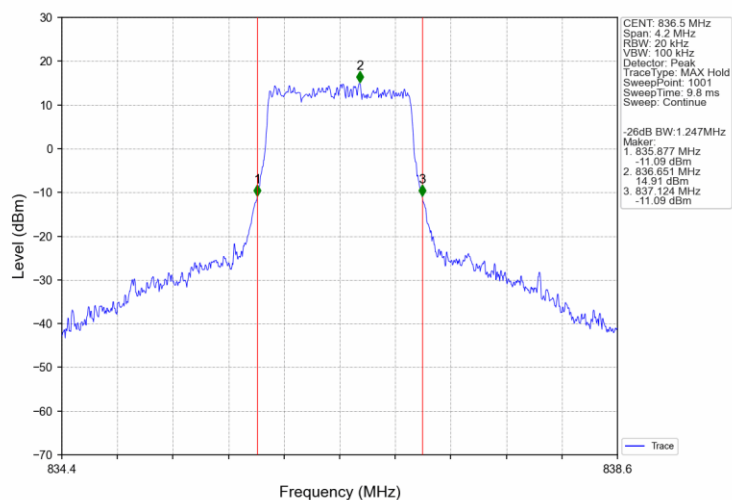
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



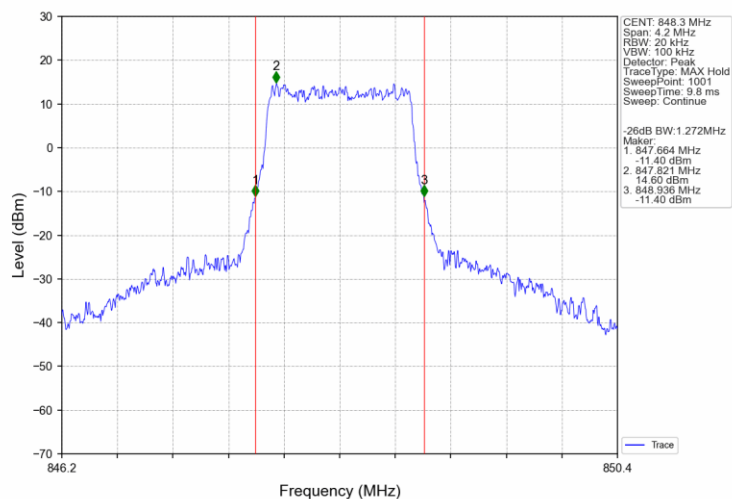
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



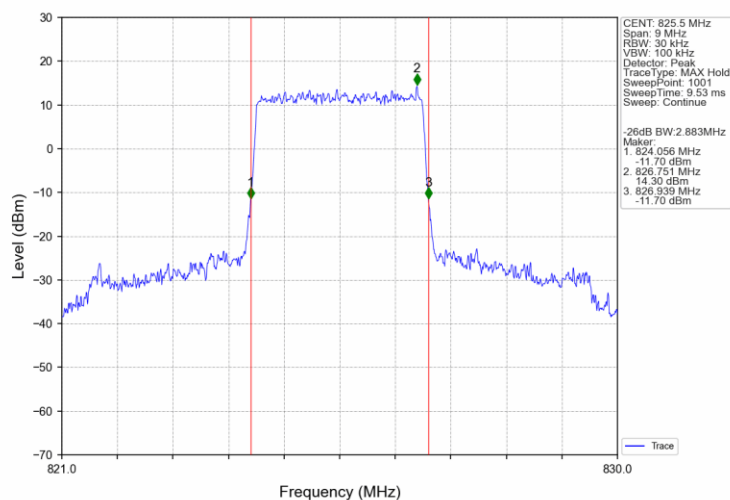
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



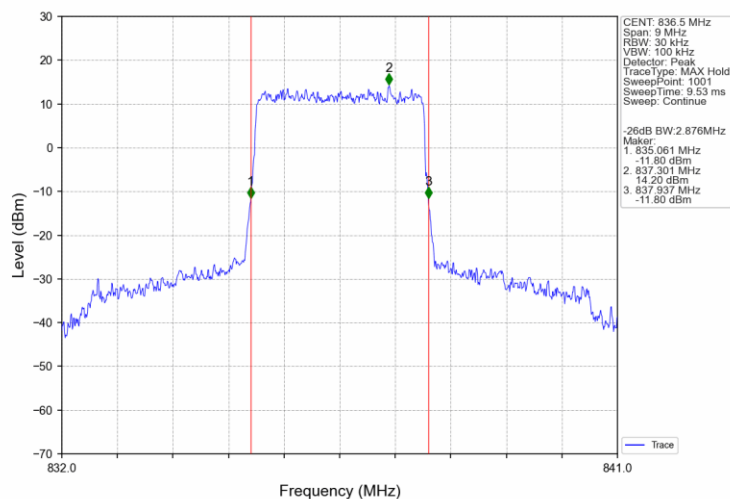
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



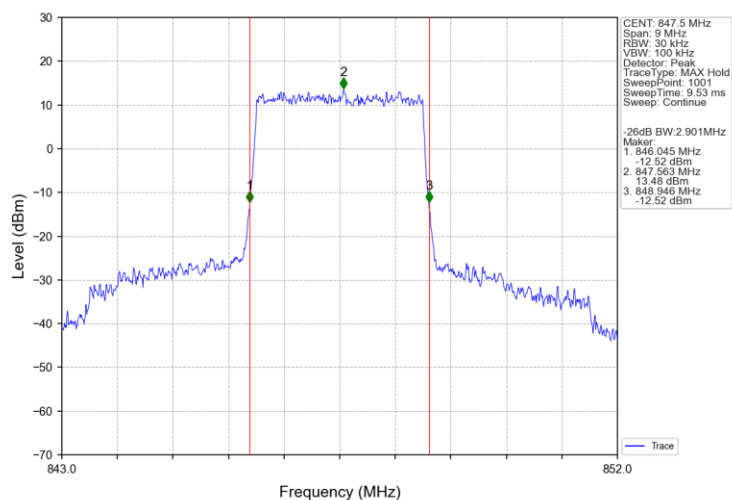
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



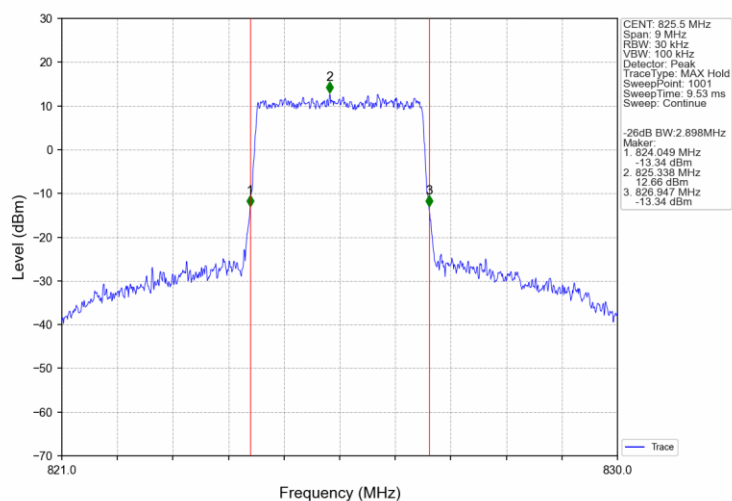
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



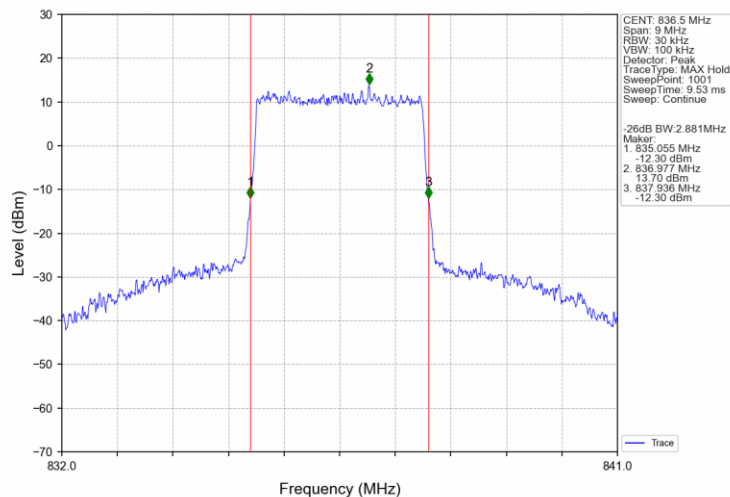
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



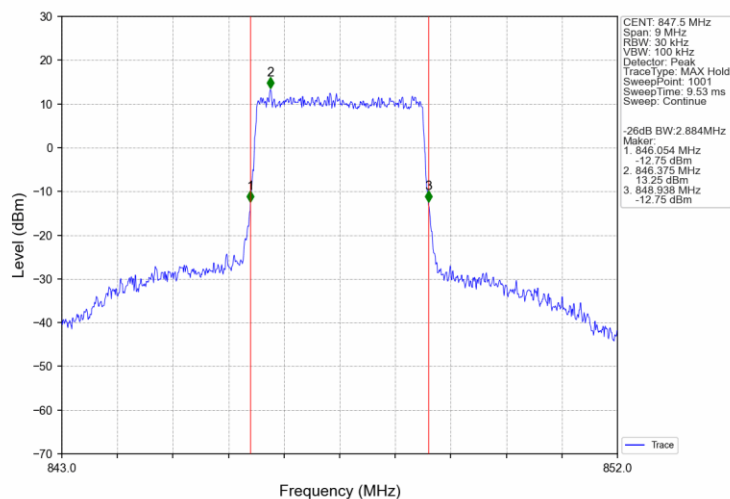
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



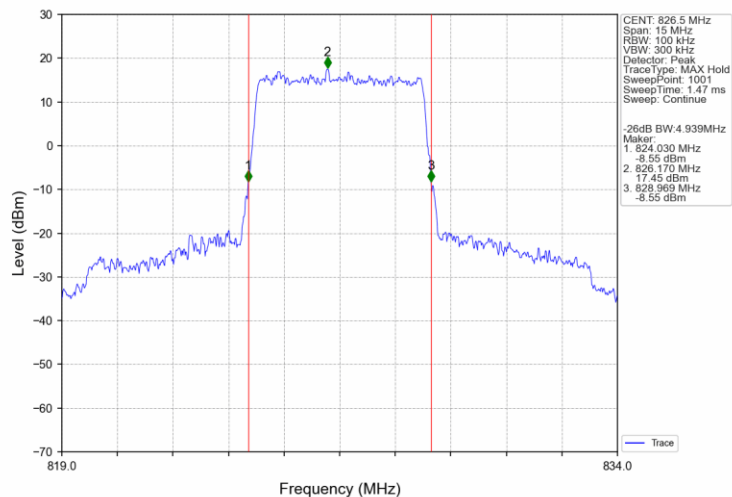
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



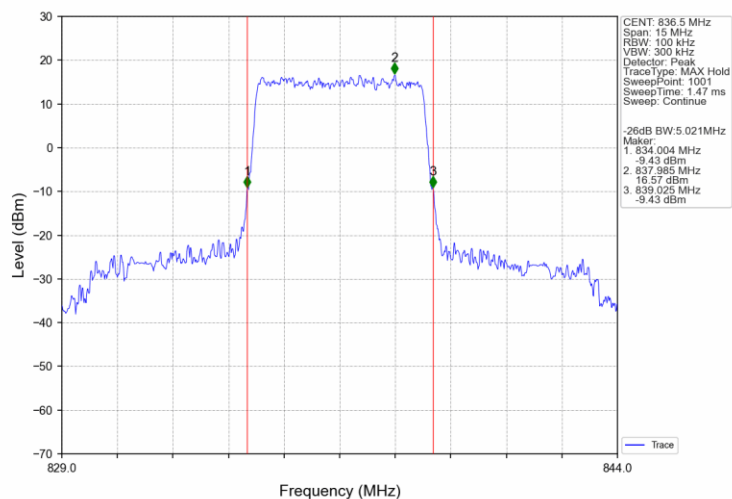
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



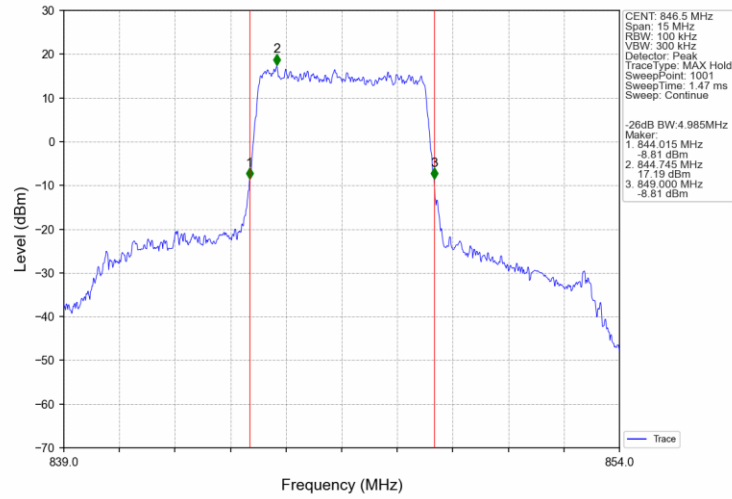
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



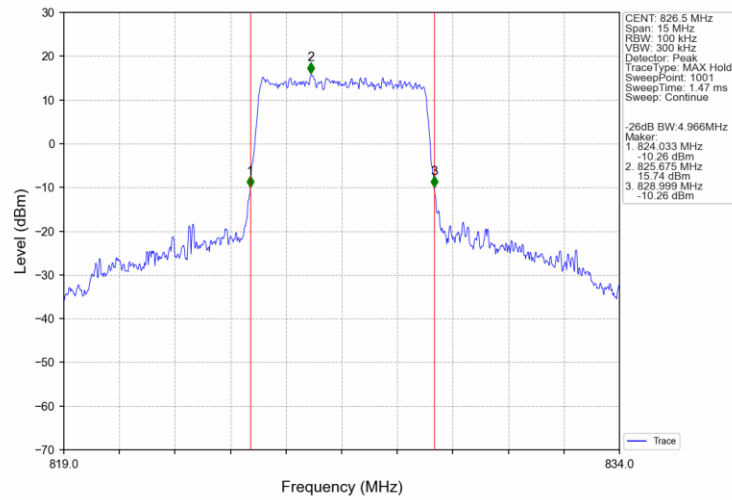
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



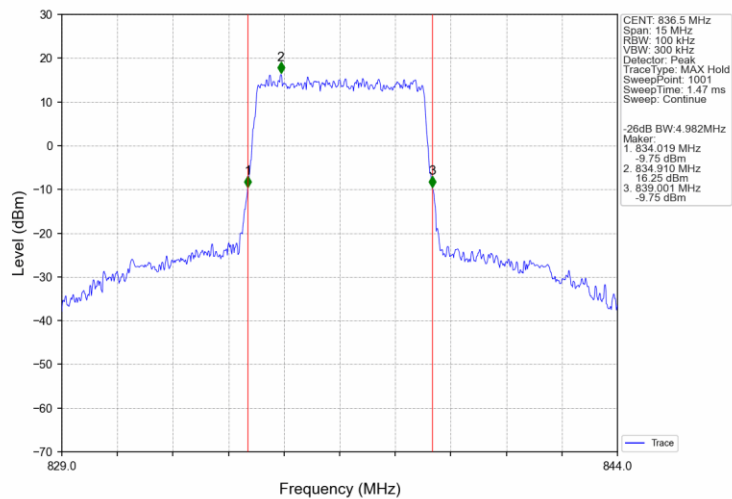
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



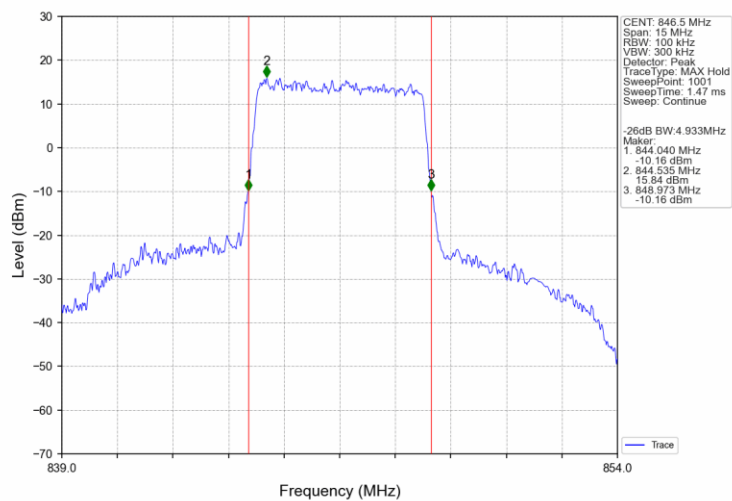
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



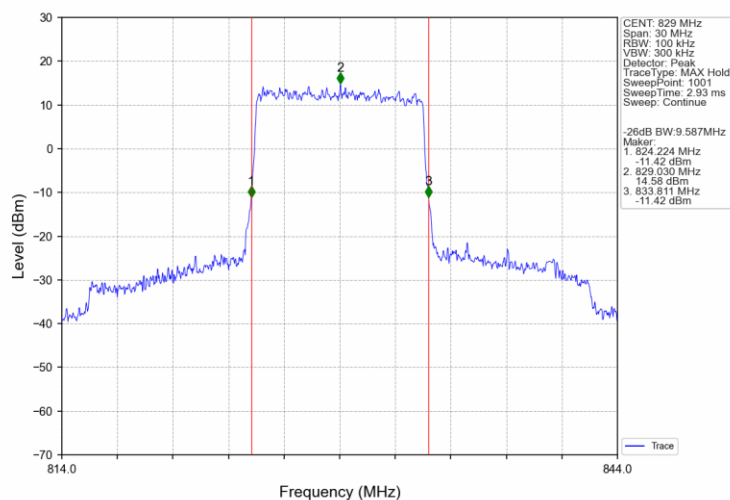
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



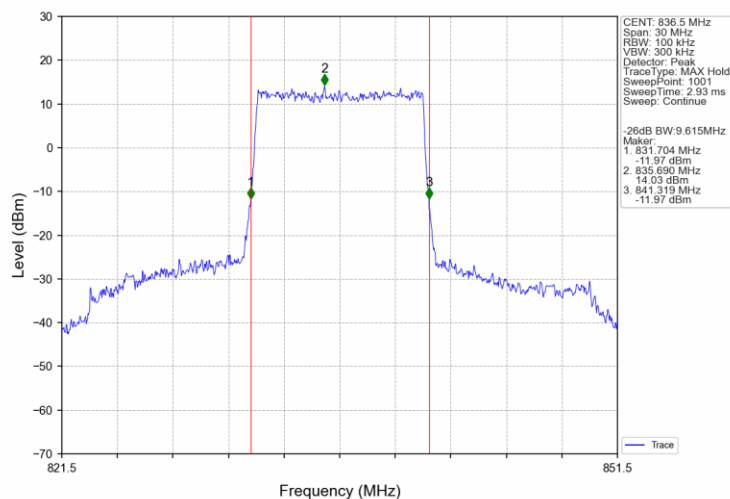
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



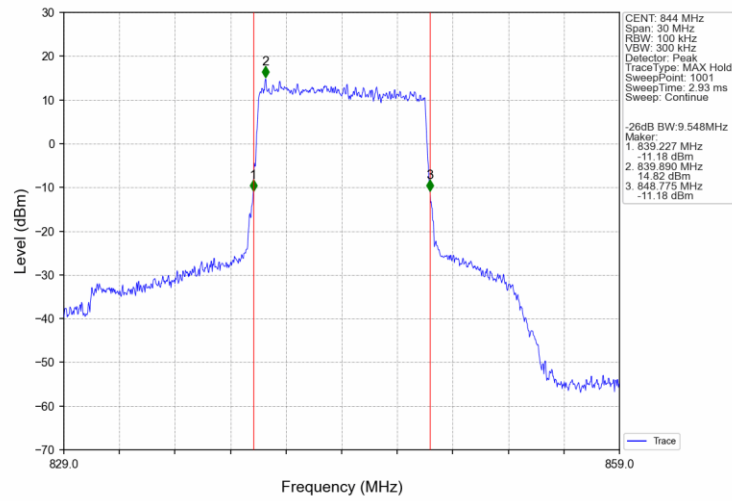
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



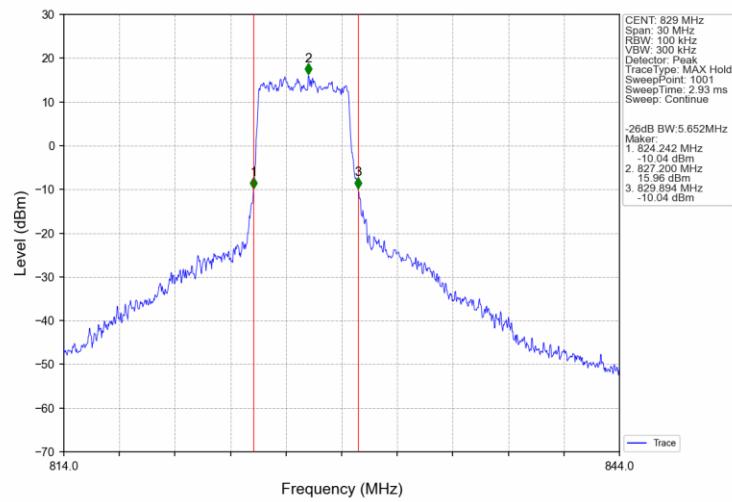
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



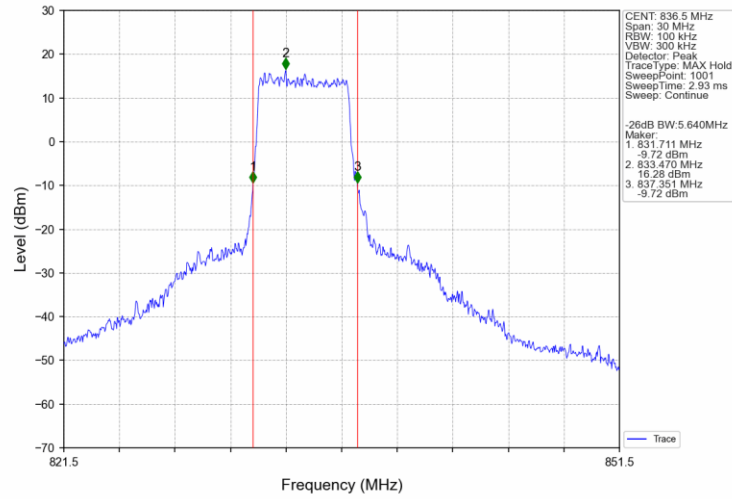
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



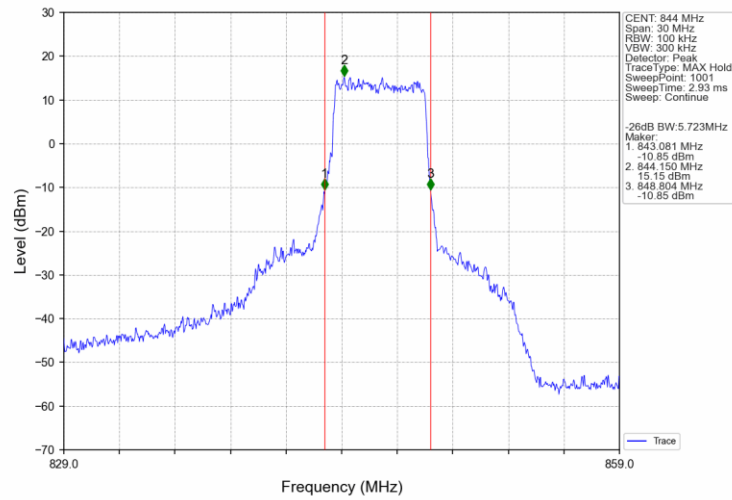
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.76	<=13	Pass
	836.5	6	0	5.31	<=13	Pass
	848.3	6	0	5.13	<=13	Pass
16QAM	824.7	6	0	5.58	<=13	Pass
	836.5	6	0	6.17	<=13	Pass
	848.3	6	0	5.89	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.95	<=13	Pass
	836.5	15	0	5.44	<=13	Pass
	847.5	15	0	5.31	<=13	Pass
16QAM	825.5	15	0	5.76	<=13	Pass
	836.5	15	0	6.29	<=13	Pass
	847.5	15	0	6.12	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.17	<=13	Pass
	836.5	25	0	5.60	<=13	Pass
	846.5	25	0	5.51	<=13	Pass
16QAM	826.5	25	0	5.96	<=13	Pass
	836.5	25	0	6.31	<=13	Pass
	846.5	25	0	6.16	<=13	Pass

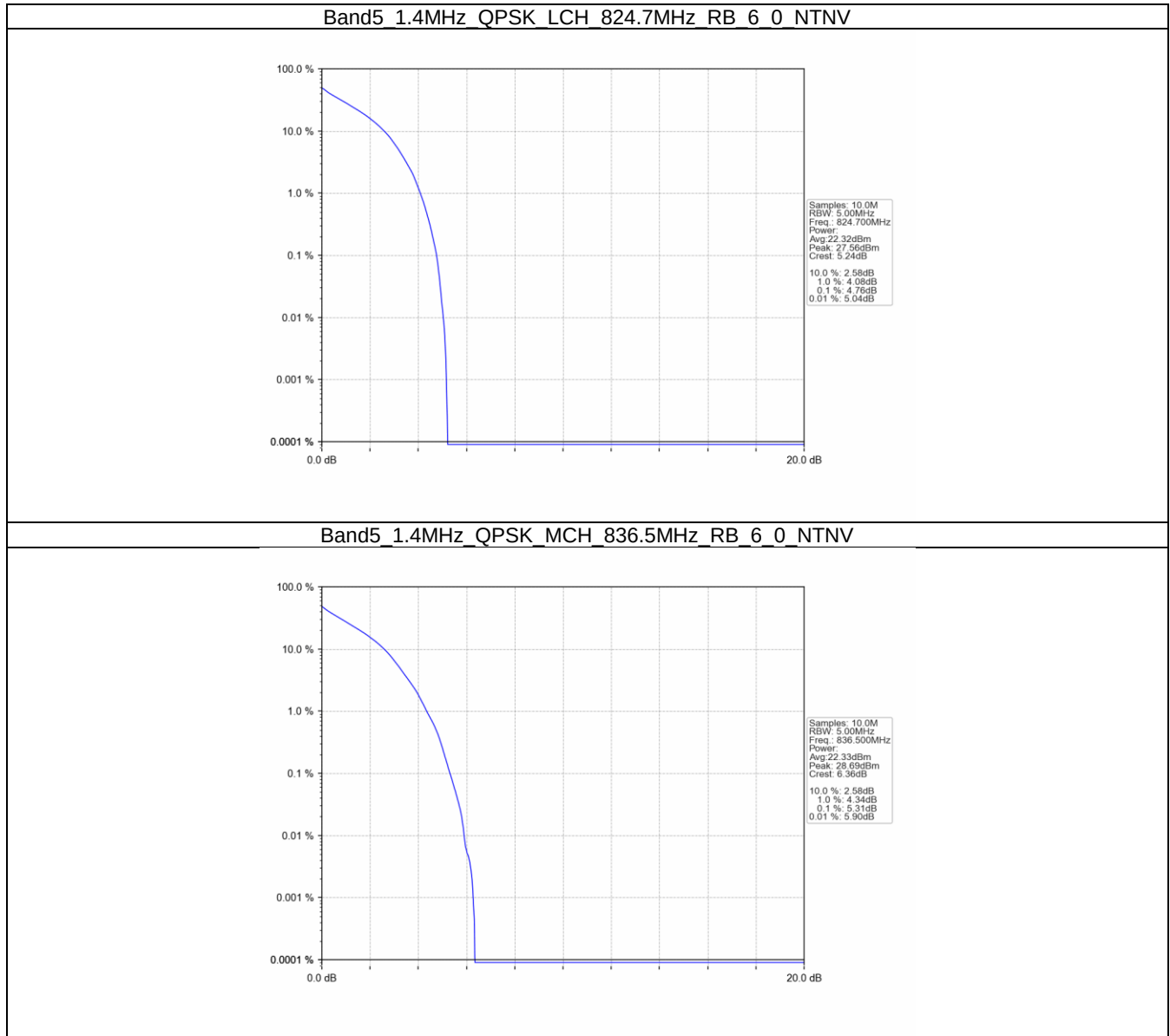
5.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.30	<=13	Pass
	836.5	50	0	5.50	<=13	Pass
	844	50	0	5.43	<=13	Pass
16QAM	829	27	0	5.70	<=13	Pass
	836.5	27	0	6.26	<=13	Pass
	844	27	23	6.11	<=13	Pass

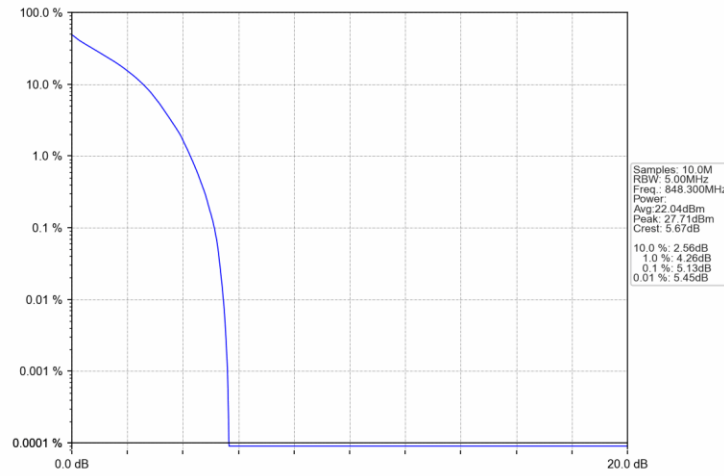


5.2 Test Graph

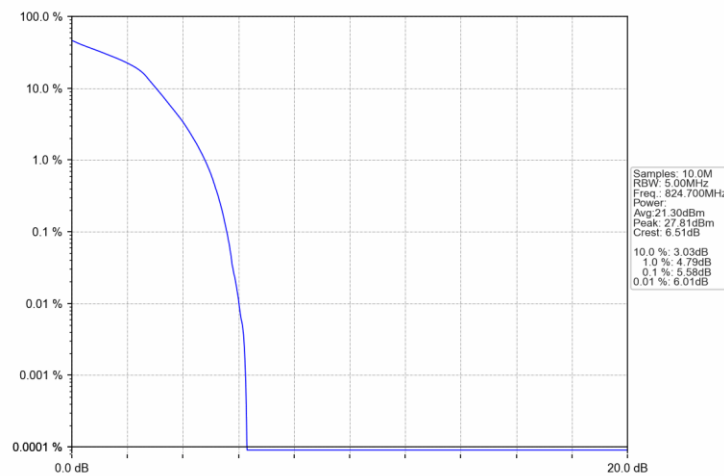
5.2.1 B5_1.4MHz



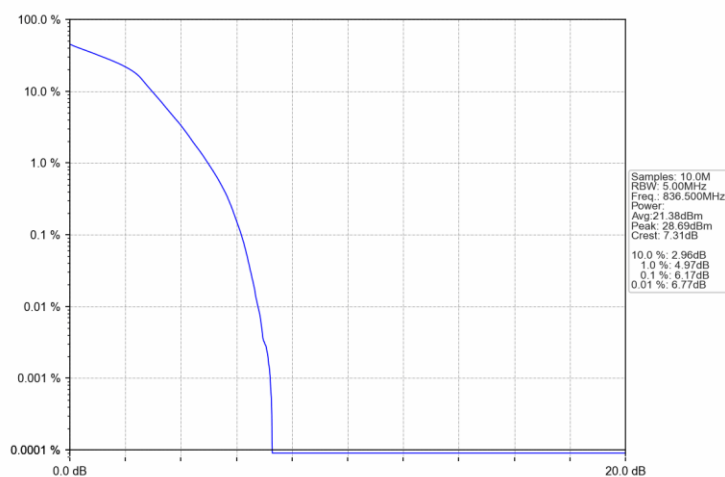
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



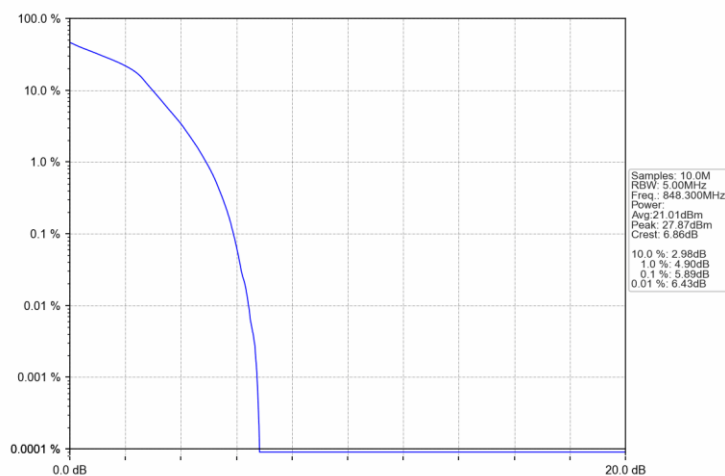
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



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

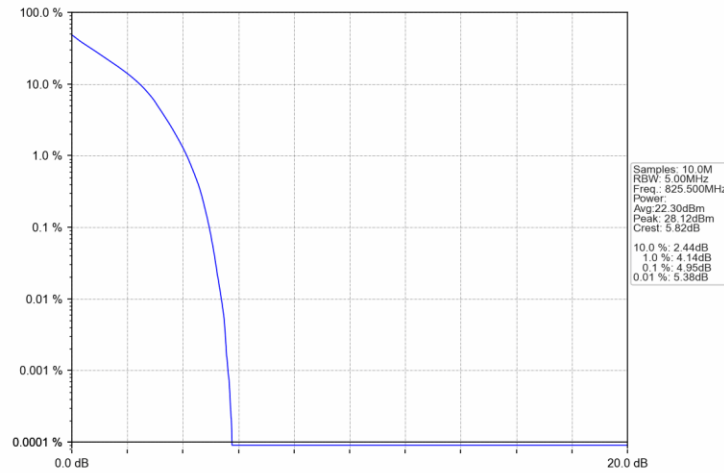


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

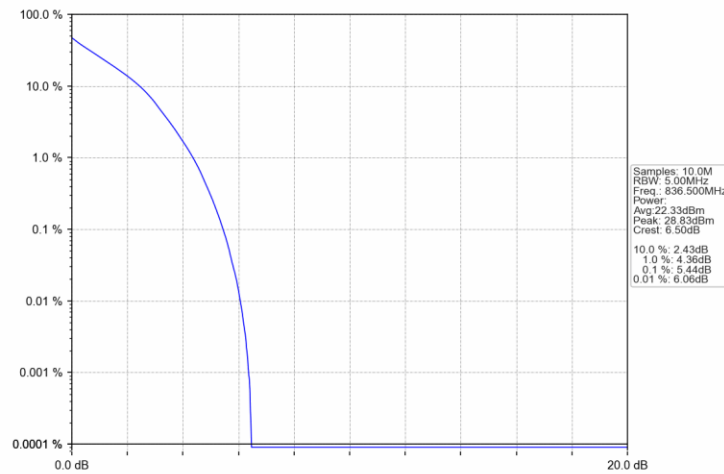


5.2.2 B5_3MHz

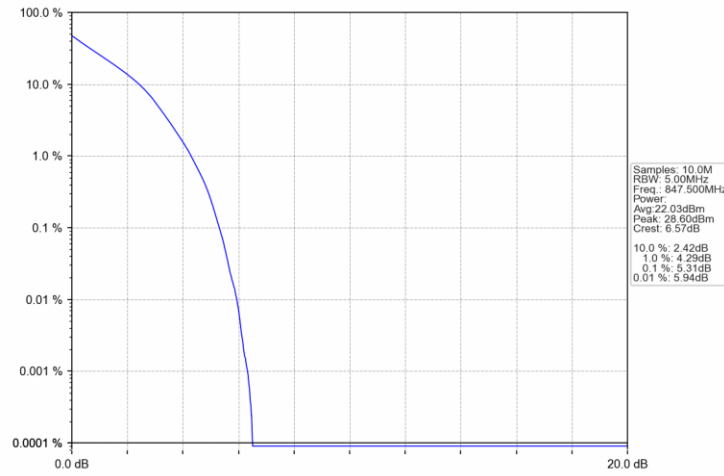
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



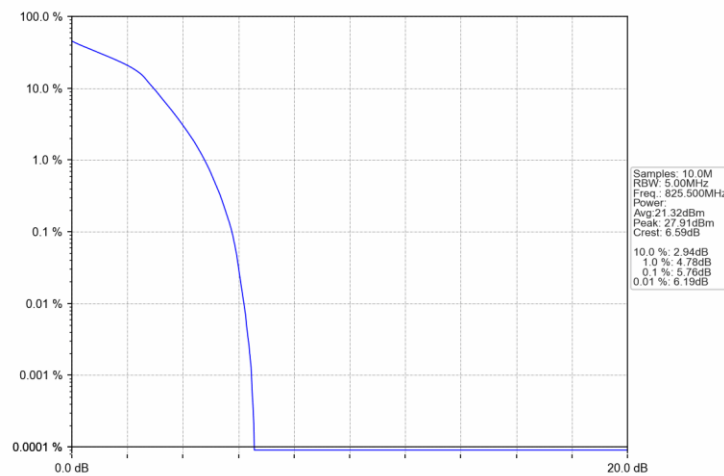
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



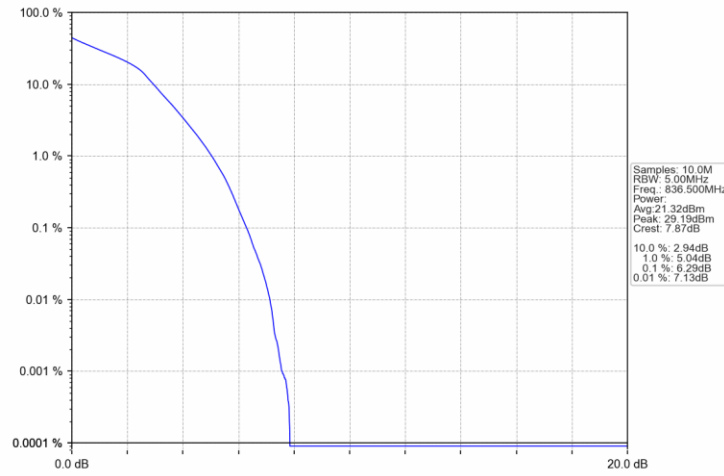
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



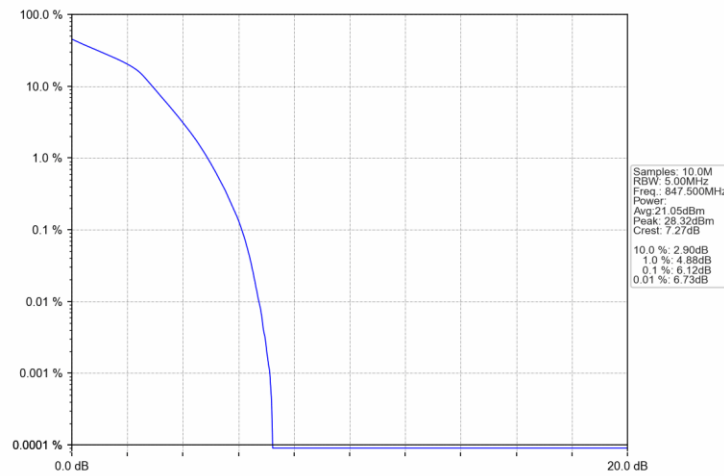
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTV



Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

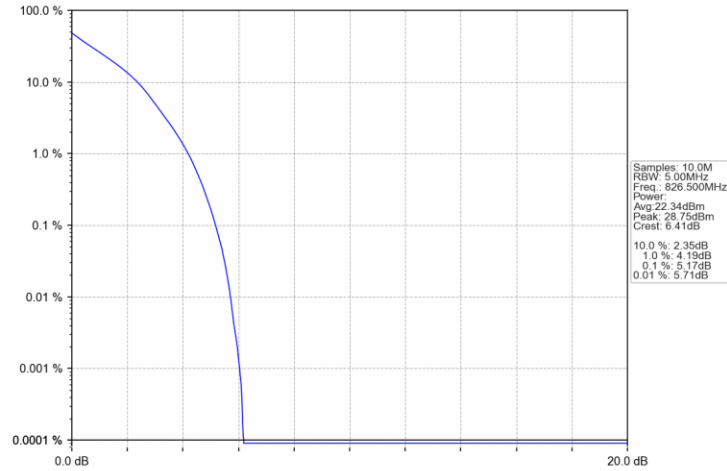


Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

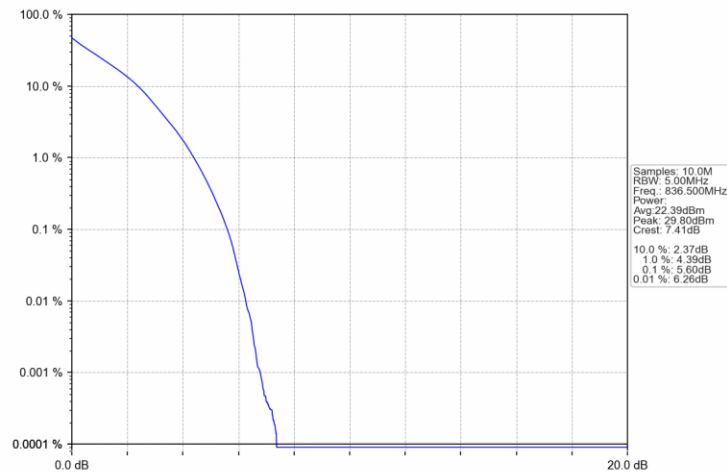


5.2.3 B5_5MHz

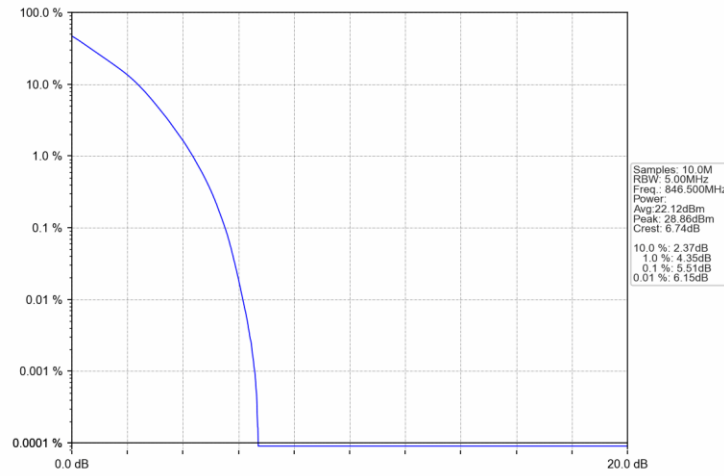
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



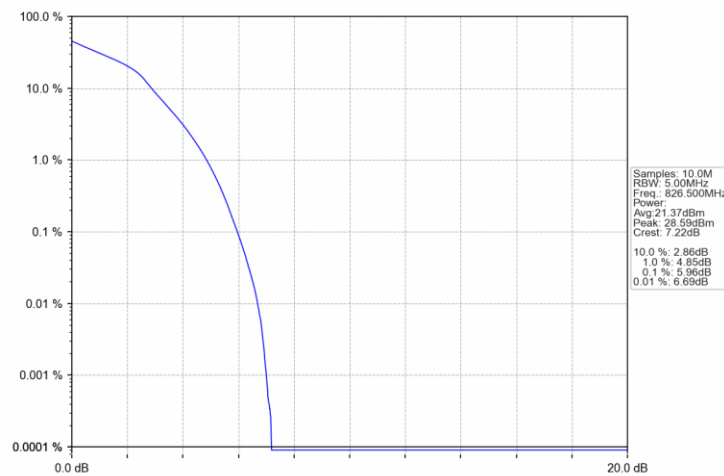
Band5_5MHz QPSK MCH 836.5MHz RB 25 0 NTN



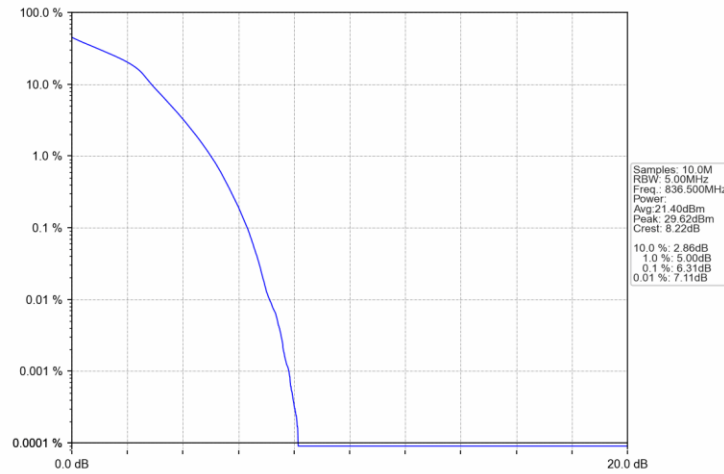
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



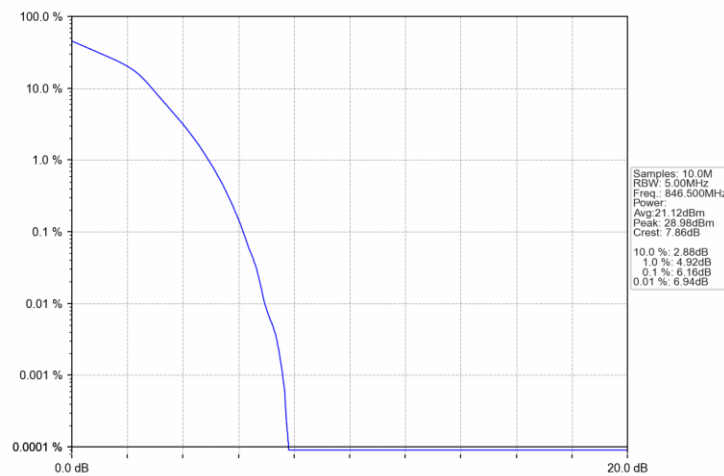
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTV



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

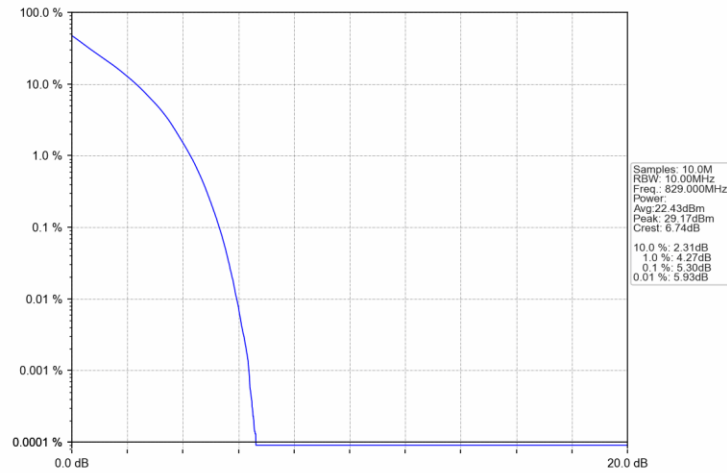


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

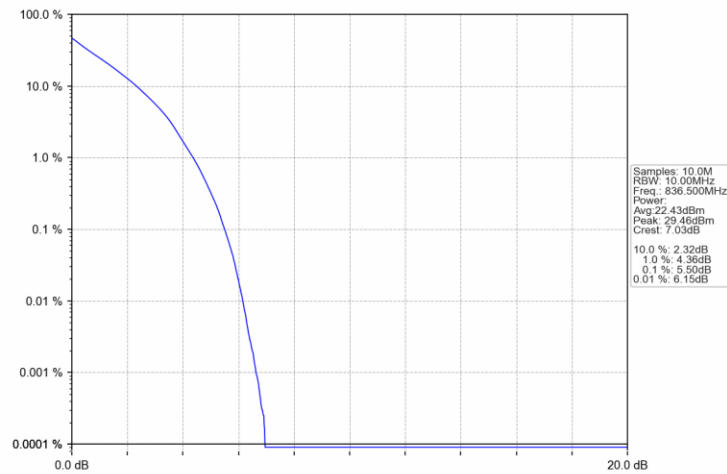


5.2.4 B5_10MHz

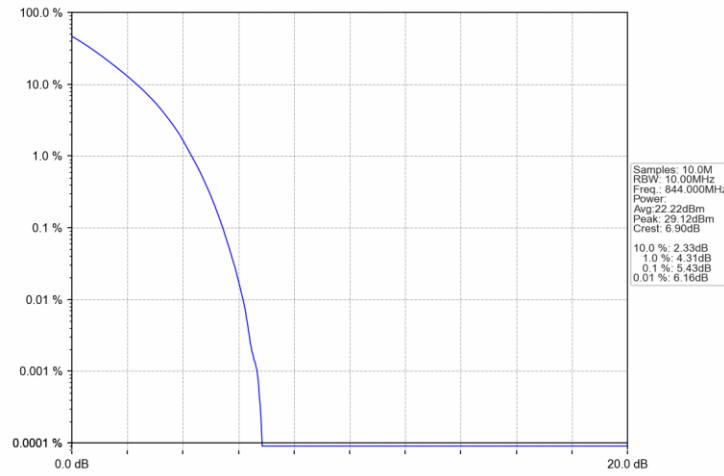
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



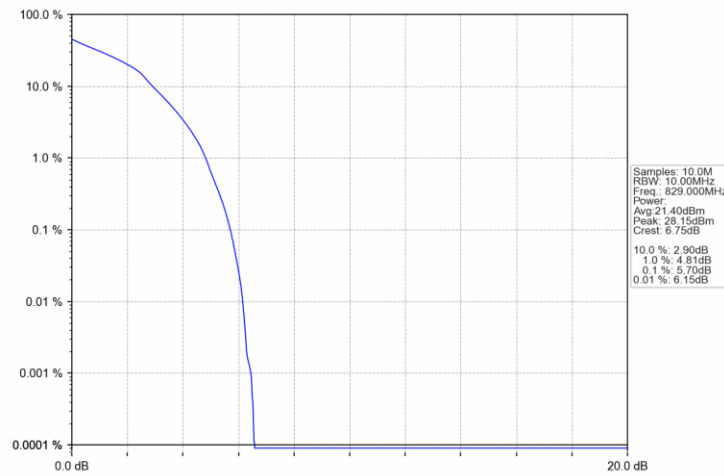
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



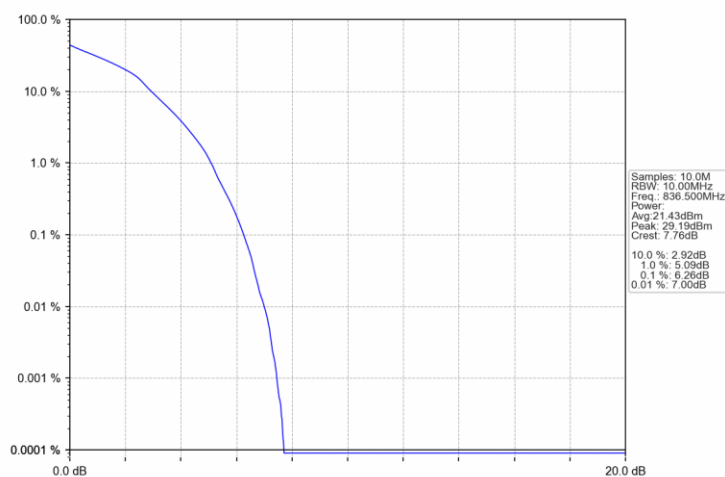
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



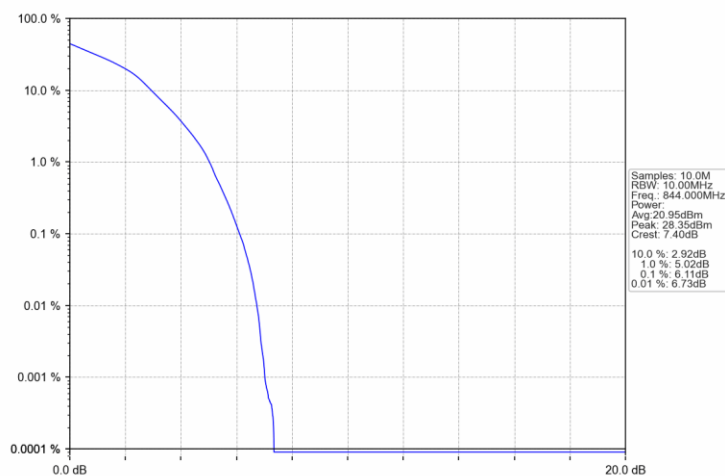
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_27_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

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

6.1.2 B5_3MHz

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

6.1.3 B5_5MHz

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

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

6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass