Appendix Test Data for LTE_band_26b

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26b_1.4MHz_ERP

Band: 26b / 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	23.22	1.90	22.97	<=38.45	Pass
			2	23.32	1.90	23.07	<=38.45	Pass
			5	23.17	1.90	22.92	<=38.45	Pass
		3	0	23.28	1.90	23.03	<=38.45	Pass
			2	23.31	1.90	23.06	<=38.45	Pass
			3	23.29	1.90	23.04	<=38.45	Pass
		6	0	22.28	1.90	22.03	<=38.45	Pass
	836.5	1	0	23.22	1.90	22.97	<=38.45	Pass
			2	23.33	1.90	23.08	<=38.45	Pass
			5	23.15	1.90	22.90	<=38.45	Pass
		3	0	23.37	1.90	23.12	<=38.45	Pass
			2	23.38	1.90	23.13	<=38.45	Pass
			3	23.35	1.90	23.10	<=38.45	Pass
		6	0	22.29	1.90	22.04	<=38.45	Pass
	848.3	1	0	23.20	1.90	22.95	<=38.45	Pass
			2	23.30	1.90	23.05	<=38.45	Pass
			5	23.15	1.90	22.90	<=38.45	Pass
		3	0	23.24	1.90	22.99	<=38.45	Pass
			2	23.30	1.90	23.05	<=38.45	Pass
			3	23.26	1.90	23.01	<=38.45	Pass
		6	0	22.22	1.90	21.97	<=38.45	Pass
16QAM	824.7	1	0	22.21	1.90	21.96	<=38.45	Pass
			2	22.33	1.90	22.08	<=38.45	Pass
			5	22.24	1.90	21.99	<=38.45	Pass
		3	0	22.31	1.90	22.06	<=38.45	Pass
			2	22.31	1.90	22.06	<=38.45	Pass
			3	22.32	1.90	22.07	<=38.45	Pass
		6	0	21.25	1.90	21.00	<=38.45	Pass
	836.5	1	0	22.24	1.90	21.99	<=38.45	Pass
			2	22.34	1.90	22.09	<=38.45	Pass
			5	22.24	1.90	21.99	<=38.45	Pass
		3	0	22.54	1.90	22.29	<=38.45	Pass
			2	22.57	1.90	22.32	<=38.45	Pass
			3	22.54	1.90	22.29	<=38.45	Pass
		6	0	21.38	1.90	21.13	<=38.45	Pass
	848.3	1	0	22.20	1.90	21.95	<=38.45	Pass
			2	22.28	1.90	22.03	<=38.45	Pass
			5	22.24	1.90	21.99	<=38.45	Pass
		3	0	22.30	1.90	22.05	<=38.45	Pass
			2	22.30	1.90	22.05	<=38.45	Pass
			3	22.32	1.90	22.07	<=38.45	Pass
		6	0	21.21	1.90	20.96	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B26b_3MHz_ERP

Band: 26b / 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	23.25	1.90	23.00	<=38.45	Pass
			7	23.42	1.90	23.17	<=38.45	Pass
			14	23.25	1.90	23.00	<=38.45	Pass
		8	0	22.27	1.90	22.02	<=38.45	Pass
			4	22.22	1.90	21.97	<=38.45	Pass
			7	22.25	1.90	22.00	<=38.45	Pass
		15	0	22.22	1.90	21.97	<=38.45	Pass
	836.5	1	0	23.19	1.90	22.94	<=38.45	Pass
			7	23.40	1.90	23.15	<=38.45	Pass
			14	22.98	1.90	22.73	<=38.45	Pass
		8	0	22.18	1.90	21.93	<=38.45	Pass
			4	22.15	1.90	21.90	<=38.45	Pass
			7	22.16	1.90	21.91	<=38.45	Pass
		15	0	22.04	1.90	21.79	<=38.45	Pass
	847.5	1	0	22.74	1.90	22.49	<=38.45	Pass
			7	22.87	1.90	22.62	<=38.45	Pass
			14	22.65	1.90	22.40	<=38.45	Pass
		8	0	21.69	1.90	21.44	<=38.45	Pass
			4	21.75	1.90	21.50	<=38.45	Pass
			7	21.69	1.90	21.44	<=38.45	Pass
		15	0	21.74	1.90	21.49	<=38.45	Pass
16QAM	825.5	1	0	22.29	1.90	22.04	<=38.45	Pass
			7	22.43	1.90	22.18	<=38.45	Pass
			14	22.26	1.90	22.01	<=38.45	Pass
		8	0	21.37	1.90	21.12	<=38.45	Pass
			4	21.39	1.90	21.14	<=38.45	Pass
			7	21.36	1.90	21.11	<=38.45	Pass
		15	0	21.26	1.90	21.01	<=38.45	Pass
	836.5	1	0	22.07	1.90	21.82	<=38.45	Pass
			7	22.27	1.90	22.02	<=38.45	Pass
			14	22.05	1.90	21.80	<=38.45	Pass
		8	0	20.93	1.90	20.68	<=38.45	Pass
			4	21.07	1.90	20.82	<=38.45	Pass
			7	20.94	1.90	20.69	<=38.45	Pass
		15	0	21.00	1.90	20.75	<=38.45	Pass
	847.5	1	0	22.26	1.90	22.01	<=38.45	Pass
			7	22.39	1.90	22.14	<=38.45	Pass
			14	22.18	1.90	21.93	<=38.45	Pass
		8	0	20.92	1.90	20.67	<=38.45	Pass
			4	20.98	1.90	20.73	<=38.45	Pass
			7	20.94	1.90	20.69	<=38.45	Pass
		15	0	20.84	1.90	20.59	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B26b_5MHz_ERP

Band: 26b / 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	23.13	1.90	22.88	<=38.45	Pass
			13	23.26	1.90	23.01	<=38.45	Pass
			24	23.14	1.90	22.89	<=38.45	Pass
		12	0	22.23	1.90	21.98	<=38.45	Pass
			6	22.22	1.90	21.97	<=38.45	Pass
			13	21.92	1.90	21.67	<=38.45	Pass
		25	0	21.80	1.90	21.55	<=38.45	Pass
	836.5	1	0	22.65	1.90	22.40	<=38.45	Pass
			13	22.81	1.90	22.56	<=38.45	Pass
			24	22.72	1.90	22.47	<=38.45	Pass
		12	0	21.68	1.90	21.43	<=38.45	Pass
			6	21.87	1.90	21.62	<=38.45	Pass
			13	21.73	1.90	21.48	<=38.45	Pass
		25	0	21.71	1.90	21.46	<=38.45	Pass
	846.5	1	0	22.64	1.90	22.39	<=38.45	Pass
			13	22.74	1.90	22.49	<=38.45	Pass
			24	22.62	1.90	22.37	<=38.45	Pass
		12	0	21.62	1.90	21.37	<=38.45	Pass
			6	21.76	1.90	21.51	<=38.45	Pass
			13	21.67	1.90	21.42	<=38.45	Pass
		25	0	21.68	1.90	21.43	<=38.45	Pass
16QAM	826.5	1	0	21.74	1.90	21.49	<=38.45	Pass
			13	21.84	1.90	21.59	<=38.45	Pass
			24	21.72	1.90	21.47	<=38.45	Pass
		12	0	20.75	1.90	20.50	<=38.45	Pass
			6	20.82	1.90	20.57	<=38.45	Pass
			13	20.76	1.90	20.51	<=38.45	Pass
		25	0	20.81	1.90	20.56	<=38.45	Pass
	836.5	1	0	21.89	1.90	21.64	<=38.45	Pass
			13	22.06	1.90	21.81	<=38.45	Pass
			24	21.95	1.90	21.70	<=38.45	Pass
		12	0	20.81	1.90	20.56	<=38.45	Pass
			6	20.97	1.90	20.72	<=38.45	Pass
			13	20.84	1.90	20.59	<=38.45	Pass
		25	0	20.80	1.90	20.55	<=38.45	Pass
	846.5	1	0	21.46	1.90	21.21	<=38.45	Pass
			13	21.57	1.90	21.32	<=38.45	Pass
			24	21.47	1.90	21.22	<=38.45	Pass
		12	0	20.68	1.90	20.43	<=38.45	Pass
			6	20.80	1.90	20.55	<=38.45	Pass
			13	20.79	1.90	20.54	<=38.45	Pass
		25	0	20.77	1.90	20.52	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B26b_10MHz_ERP

Band: 26b / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	23.25	1.90	23.00	<=38.45	Pass
			25	23.42	1.90	23.17	<=38.45	Pass
			49	23.12	1.90	22.87	<=38.45	Pass
		25	0	21.96	1.90	21.71	<=38.45	Pass
			13	21.76	1.90	21.51	<=38.45	Pass
			25	21.83	1.90	21.58	<=38.45	Pass
		50	0	21.81	1.90	21.56	<=38.45	Pass
	836.5	1	0	22.61	1.90	22.36	<=38.45	Pass
			25	22.95	1.90	22.70	<=38.45	Pass
			49	22.72	1.90	22.47	<=38.45	Pass
		25	0	21.65	1.90	21.40	<=38.45	Pass
			13	21.85	1.90	21.60	<=38.45	Pass
			25	21.76	1.90	21.51	<=38.45	Pass
		50	0	21.71	1.90	21.46	<=38.45	Pass
	844	1	0	22.75	1.90	22.50	<=38.45	Pass
			25	22.90	1.90	22.65	<=38.45	Pass
			49	22.63	1.90	22.38	<=38.45	Pass
		25	0	21.92	1.90	21.67	<=38.45	Pass
			13	21.82	1.90	21.57	<=38.45	Pass
			25	21.96	1.90	21.71	<=38.45	Pass
		50	0	21.90	1.90	21.65	<=38.45	Pass
16QAM	829	1	0	21.70	1.90	21.45	<=38.45	Pass
			25	21.91	1.90	21.66	<=38.45	Pass
			49	21.67	1.90	21.42	<=38.45	Pass
		25	0	20.93	1.90	20.68	<=38.45	Pass
			13	20.91	1.90	20.66	<=38.45	Pass
			25	20.99	1.90	20.74	<=38.45	Pass
		50	0	20.94	1.90	20.69	<=38.45	Pass
	836.5	1	0	21.78	1.90	21.53	<=38.45	Pass
			25	22.13	1.90	21.88	<=38.45	Pass
			49	21.94	1.90	21.69	<=38.45	Pass
		25	0	20.74	1.90	20.49	<=38.45	Pass
			13	20.93	1.90	20.68	<=38.45	Pass
			25	20.82	1.90	20.57	<=38.45	Pass
		50	0	20.79	1.90	20.54	<=38.45	Pass
	844	1	0	22.30	1.90	22.05	<=38.45	Pass
			25	22.42	1.90	22.17	<=38.45	Pass
			49	22.20	1.90	21.95	<=38.45	Pass
		25	0	21.01	1.90	20.76	<=38.45	Pass
			13	20.94	1.90	20.69	<=38.45	Pass
			25	21.06	1.90	20.81	<=38.45	Pass
		50	0	21.02	1.90	20.77	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.5 B26b_15MHz_ERP

Band: 26b / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	831.5	1	0	22.98	1.90	22.73	<=38.45	Pass
			38	22.97	1.90	22.72	<=38.45	Pass
			74	22.66	1.90	22.41	<=38.45	Pass
		36	0	21.66	1.90	21.41	<=38.45	Pass
			18	21.79	1.90	21.54	<=38.45	Pass
			39	21.83	1.90	21.58	<=38.45	Pass
		75	0	21.77	1.90	21.52	<=38.45	Pass
	836.5	1	0	22.62	1.90	22.37	<=38.45	Pass
			38	22.78	1.90	22.53	<=38.45	Pass
			74	22.62	1.90	22.37	<=38.45	Pass
		36	0	21.67	1.90	21.42	<=38.45	Pass
			18	21.79	1.90	21.54	<=38.45	Pass
			39	21.72	1.90	21.47	<=38.45	Pass
		75	0	21.71	1.90	21.46	<=38.45	Pass
	841.5	1	0	22.69	1.90	22.44	<=38.45	Pass
			38	22.75	1.90	22.50	<=38.45	Pass
			74	22.58	1.90	22.33	<=38.45	Pass
		36	0	21.94	1.90	21.69	<=38.45	Pass
			18	21.84	1.90	21.59	<=38.45	Pass
			39	21.93	1.90	21.68	<=38.45	Pass
		75	0	21.93	1.90	21.68	<=38.45	Pass
16QAM	831.5	1	0	21.97	1.90	21.72	<=38.45	Pass
			38	22.09	1.90	21.84	<=38.45	Pass
			74	21.99	1.90	21.74	<=38.45	Pass
		36	0	20.74	1.90	20.49	<=38.45	Pass
			18	20.78	1.90	20.53	<=38.45	Pass
			39	20.85	1.90	20.60	<=38.45	Pass
		75	0	20.80	1.90	20.55	<=38.45	Pass
	836.5	1	0	21.79	1.90	21.54	<=38.45	Pass
			38	21.99	1.90	21.74	<=38.45	Pass
			74	21.79	1.90	21.54	<=38.45	Pass
		36	0	20.75	1.90	20.50	<=38.45	Pass
			18	20.86	1.90	20.61	<=38.45	Pass
			39	20.78	1.90	20.53	<=38.45	Pass
		75	0	20.79	1.90	20.54	<=38.45	Pass
	841.5	1	0	22.21	1.90	21.96	<=38.45	Pass
			38	22.27	1.90	22.02	<=38.45	Pass
			74	22.14	1.90	21.89	<=38.45	Pass
		36	0	20.95	1.90	20.70	<=38.45	Pass
			18	20.91	1.90	20.66	<=38.45	Pass
			39	21.01	1.90	20.76	<=38.45	Pass
		75	0	20.97	1.90	20.72	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	102	-5.722	-0.0069	-2.5 to 2.5	Pass
					120	-5.493	-0.0067	-2.5 to 2.5	Pass
					138	-7.167	-0.0087	-2.5 to 2.5	Pass
				-30	120	-4.420	-0.0054	-2.5 to 2.5	Pass
				-20	120	-6.466	-0.0078	-2.5 to 2.5	Pass
				-10	120	-7.038	-0.0085	-2.5 to 2.5	Pass
				0	120	-6.380	-0.0077	-2.5 to 2.5	Pass
				10	120	-5.150	-0.0062	-2.5 to 2.5	Pass
				30	120	-6.251	-0.0076	-2.5 to 2.5	Pass
				40	120	-4.678	-0.0057	-2.5 to 2.5	Pass
				50	120	-5.708	-0.0069	-2.5 to 2.5	Pass
	836.5	6	0	20	102	-7.811	-0.0093	-2.5 to 2.5	Pass
					120	-8.183	-0.0098	-2.5 to 2.5	Pass
					138	-5.021	-0.0060	-2.5 to 2.5	Pass
				-30	120	-9.656	-0.0115	-2.5 to 2.5	Pass
				-20	120	-6.838	-0.0082	-2.5 to 2.5	Pass
				-10	120	-11.001	-0.0132	-2.5 to 2.5	Pass
				0	120	-10.114	-0.0121	-2.5 to 2.5	Pass
				10	120	-7.796	-0.0093	-2.5 to 2.5	Pass
				30	120	-3.290	-0.0039	-2.5 to 2.5	Pass
				40	120	-4.106	-0.0049	-2.5 to 2.5	Pass
				50	120	-10.657	-0.0127	-2.5 to 2.5	Pass
	848.3	6	0	20	102	-2.246	-0.0026	-2.5 to 2.5	Pass
					120	-7.710	-0.0091	-2.5 to 2.5	Pass
					138	-3.462	-0.0041	-2.5 to 2.5	Pass
				-30	120	-3.891	-0.0046	-2.5 to 2.5	Pass
				-20	120	-5.021	-0.0059	-2.5 to 2.5	Pass
				-10	120	-1.917	-0.0023	-2.5 to 2.5	Pass
				0	120	-6.680	-0.0079	-2.5 to 2.5	Pass
				10	120	-10.328	-0.0122	-2.5 to 2.5	Pass
				30	120	-8.140	-0.0096	-2.5 to 2.5	Pass
				40	120	-5.178	-0.0061	-2.5 to 2.5	Pass
				50	120	-2.561	-0.0030	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	102	-3.748	-0.0045	-2.5 to 2.5	Pass
					120	-5.651	-0.0069	-2.5 to 2.5	Pass
					138	-5.236	-0.0063	-2.5 to 2.5	Pass
				-30	120	-4.191	-0.0051	-2.5 to 2.5	Pass
				-20	120	-3.376	-0.0041	-2.5 to 2.5	Pass
				-10	120	-6.351	-0.0077	-2.5 to 2.5	Pass
				0	120	-6.323	-0.0077	-2.5 to 2.5	Pass
				10	120	-3.390	-0.0041	-2.5 to 2.5	Pass
				30	120	-4.320	-0.0052	-2.5 to 2.5	Pass
				40	120	-1.559	-0.0019	-2.5 to 2.5	Pass
				50	120	-3.061	-0.0037	-2.5 to 2.5	Pass
	836.5	6	0	20	102	-6.409	-0.0077	-2.5 to 2.5	Pass
					120	-6.709	-0.0080	-2.5 to 2.5	Pass
					138	-9.685	-0.0116	-2.5 to 2.5	Pass
				-30	120	-8.740	-0.0104	-2.5 to 2.5	Pass
				-20	120	-6.609	-0.0079	-2.5 to 2.5	Pass
				-10	120	-5.107	-0.0061	-2.5 to 2.5	Pass

				0	120	-3.262	-0.0039	-2.5 to 2.5	Pass
				10	120	-8.969	-0.0107	-2.5 to 2.5	Pass
				30	120	-6.680	-0.0080	-2.5 to 2.5	Pass
				40	120	-8.926	-0.0107	-2.5 to 2.5	Pass
				50	120	-6.580	-0.0079	-2.5 to 2.5	Pass
	848.3	6	0	20	102	-9.198	-0.0108	-2.5 to 2.5	Pass
					120	-10.400	-0.0123	-2.5 to 2.5	Pass
					138	-4.420	-0.0052	-2.5 to 2.5	Pass
				-30	120	-8.454	-0.0100	-2.5 to 2.5	Pass
				-20	120	-7.825	-0.0092	-2.5 to 2.5	Pass
				-10	120	0.286	0.0003	-2.5 to 2.5	Pass
				0	120	-1.717	-0.0020	-2.5 to 2.5	Pass
				10	120	-12.589	-0.0148	-2.5 to 2.5	Pass
				30	120	-9.127	-0.0108	-2.5 to 2.5	Pass
				40	120	-6.781	-0.0080	-2.5 to 2.5	Pass
				50	120	-13.332	-0.0157	-2.5 to 2.5	Pass

2.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	102	-5.622	-0.0068	-2.5 to 2.5	Pass
					120	-5.250	-0.0064	-2.5 to 2.5	Pass
					138	-6.309	-0.0076	-2.5 to 2.5	Pass
				-30	120	-2.675	-0.0032	-2.5 to 2.5	Pass
				-20	120	-4.277	-0.0052	-2.5 to 2.5	Pass
				-10	120	-3.161	-0.0038	-2.5 to 2.5	Pass
				0	120	-5.722	-0.0069	-2.5 to 2.5	Pass
				10	120	-6.051	-0.0073	-2.5 to 2.5	Pass
				30	120	-3.648	-0.0044	-2.5 to 2.5	Pass
				40	120	-6.094	-0.0074	-2.5 to 2.5	Pass
				50	120	-5.436	-0.0066	-2.5 to 2.5	Pass
	836.5	15	0	20	102	-7.610	-0.0091	-2.5 to 2.5	Pass
					120	-7.195	-0.0086	-2.5 to 2.5	Pass
					138	-9.627	-0.0115	-2.5 to 2.5	Pass
				-30	120	-6.952	-0.0083	-2.5 to 2.5	Pass
				-20	120	-7.968	-0.0095	-2.5 to 2.5	Pass
				-10	120	-9.327	-0.0112	-2.5 to 2.5	Pass
				0	120	-6.838	-0.0082	-2.5 to 2.5	Pass
				10	120	-6.123	-0.0073	-2.5 to 2.5	Pass
				30	120	-4.106	-0.0049	-2.5 to 2.5	Pass
				40	120	-2.646	-0.0032	-2.5 to 2.5	Pass
				50	120	-12.302	-0.0147	-2.5 to 2.5	Pass
	847.5	15	0	20	102	-7.653	-0.0090	-2.5 to 2.5	Pass
					120	-4.320	-0.0051	-2.5 to 2.5	Pass
					138	-0.215	-0.0003	-2.5 to 2.5	Pass
				-30	120	-3.161	-0.0037	-2.5 to 2.5	Pass
				-20	120	-8.240	-0.0097	-2.5 to 2.5	Pass
				-10	120	-4.363	-0.0051	-2.5 to 2.5	Pass
				0	120	-7.167	-0.0085	-2.5 to 2.5	Pass
				10	120	-7.339	-0.0087	-2.5 to 2.5	Pass
				30	120	-9.785	-0.0115	-2.5 to 2.5	Pass
				40	120	-2.918	-0.0034	-2.5 to 2.5	Pass
				50	120	-8.211	-0.0097	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	102	-2.060	-0.0025	-2.5 to 2.5	Pass
					120	-6.080	-0.0074	-2.5 to 2.5	Pass
					138	-7.911	-0.0096	-2.5 to 2.5	Pass

				-30	120	-3.505	-0.0042	-2.5 to 2.5	Pass
				-20	120	-3.633	-0.0044	-2.5 to 2.5	Pass
				-10	120	-5.965	-0.0072	-2.5 to 2.5	Pass
				0	120	-4.420	-0.0054	-2.5 to 2.5	Pass
				10	120	-8.912	-0.0108	-2.5 to 2.5	Pass
				30	120	-8.941	-0.0108	-2.5 to 2.5	Pass
				40	120	-6.208	-0.0075	-2.5 to 2.5	Pass
				50	120	-4.835	-0.0059	-2.5 to 2.5	Pass
	836.5	15	0	20	102	-6.380	-0.0076	-2.5 to 2.5	Pass
					120	-9.212	-0.0110	-2.5 to 2.5	Pass
					138	-12.674	-0.0152	-2.5 to 2.5	Pass
				-30	120	-1.845	-0.0022	-2.5 to 2.5	Pass
				-20	120	-9.413	-0.0113	-2.5 to 2.5	Pass
				-10	120	-8.612	-0.0103	-2.5 to 2.5	Pass
				0	120	-0.930	-0.0011	-2.5 to 2.5	Pass
				10	120	-8.297	-0.0099	-2.5 to 2.5	Pass
				30	120	-3.991	-0.0048	-2.5 to 2.5	Pass
				40	120	-6.480	-0.0077	-2.5 to 2.5	Pass
				50	120	-3.748	-0.0045	-2.5 to 2.5	Pass
	847.5	15	0	20	102	-7.310	-0.0086	-2.5 to 2.5	Pass
					120	-9.856	-0.0116	-2.5 to 2.5	Pass
					138	-4.892	-0.0058	-2.5 to 2.5	Pass
				-30	120	-7.868	-0.0093	-2.5 to 2.5	Pass
				-20	120	-0.386	-0.0005	-2.5 to 2.5	Pass
				-10	120	-1.717	-0.0020	-2.5 to 2.5	Pass
				0	120	-6.394	-0.0075	-2.5 to 2.5	Pass
				10	120	-9.570	-0.0113	-2.5 to 2.5	Pass
				30	120	-1.087	-0.0013	-2.5 to 2.5	Pass
				40	120	-7.839	-0.0092	-2.5 to 2.5	Pass
				50	120	1.745	0.0021	-2.5 to 2.5	Pass

2.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	102	-3.133	-0.0038	-2.5 to 2.5	Pass
					120	-4.406	-0.0053	-2.5 to 2.5	Pass
					138	-4.792	-0.0058	-2.5 to 2.5	Pass
				-30	120	-5.364	-0.0065	-2.5 to 2.5	Pass
				-20	120	-3.562	-0.0043	-2.5 to 2.5	Pass
				-10	120	-4.406	-0.0053	-2.5 to 2.5	Pass
				0	120	-4.649	-0.0056	-2.5 to 2.5	Pass
				10	120	-6.495	-0.0079	-2.5 to 2.5	Pass
				30	120	-9.871	-0.0119	-2.5 to 2.5	Pass
				40	120	-7.825	-0.0095	-2.5 to 2.5	Pass
				50	120	-2.546	-0.0031	-2.5 to 2.5	Pass
	836.5	25	0	20	102	-6.466	-0.0077	-2.5 to 2.5	Pass
					120	-2.632	-0.0031	-2.5 to 2.5	Pass
					138	-5.407	-0.0065	-2.5 to 2.5	Pass
				-30	120	0.114	0.0001	-2.5 to 2.5	Pass
				-20	120	-5.536	-0.0066	-2.5 to 2.5	Pass
				-10	120	-3.076	-0.0037	-2.5 to 2.5	Pass
				0	120	-9.055	-0.0108	-2.5 to 2.5	Pass
				10	120	-1.159	-0.0014	-2.5 to 2.5	Pass
				30	120	-5.779	-0.0069	-2.5 to 2.5	Pass
				40	120	-9.527	-0.0114	-2.5 to 2.5	Pass
				50	120	-2.303	-0.0028	-2.5 to 2.5	Pass

	846.5	25	0	20	102	-8.569	-0.0101	-2.5 to 2.5	Pass
					120	-3.104	-0.0037	-2.5 to 2.5	Pass
					138	-6.123	-0.0072	-2.5 to 2.5	Pass
				-30	120	-9.799	-0.0116	-2.5 to 2.5	Pass
				-20	120	-4.292	-0.0051	-2.5 to 2.5	Pass
				-10	120	-7.124	-0.0084	-2.5 to 2.5	Pass
				0	120	-6.723	-0.0079	-2.5 to 2.5	Pass
				10	120	-5.908	-0.0070	-2.5 to 2.5	Pass
				30	120	-4.778	-0.0056	-2.5 to 2.5	Pass
				40	120	-9.270	-0.0110	-2.5 to 2.5	Pass
				50	120	-2.475	-0.0029	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	102	-5.164	-0.0062	-2.5 to 2.5	Pass
					120	-4.406	-0.0053	-2.5 to 2.5	Pass
					138	-5.565	-0.0067	-2.5 to 2.5	Pass
				-30	120	-9.084	-0.0110	-2.5 to 2.5	Pass
				-20	120	-4.449	-0.0054	-2.5 to 2.5	Pass
				-10	120	-3.061	-0.0037	-2.5 to 2.5	Pass
				0	120	-3.619	-0.0044	-2.5 to 2.5	Pass
				10	120	-3.633	-0.0044	-2.5 to 2.5	Pass
				30	120	-7.281	-0.0088	-2.5 to 2.5	Pass
				40	120	-11.845	-0.0143	-2.5 to 2.5	Pass
				50	120	-4.592	-0.0056	-2.5 to 2.5	Pass
	836.5	25	0	20	102	-4.935	-0.0059	-2.5 to 2.5	Pass
					120	-6.452	-0.0077	-2.5 to 2.5	Pass
					138	-3.991	-0.0048	-2.5 to 2.5	Pass
				-30	120	1.316	0.0016	-2.5 to 2.5	Pass
				-20	120	-9.270	-0.0111	-2.5 to 2.5	Pass
				-10	120	-5.422	-0.0065	-2.5 to 2.5	Pass
				0	120	-7.939	-0.0095	-2.5 to 2.5	Pass
				10	120	-2.160	-0.0026	-2.5 to 2.5	Pass
				30	120	-5.937	-0.0071	-2.5 to 2.5	Pass
				40	120	-6.051	-0.0072	-2.5 to 2.5	Pass
				50	120	-6.452	-0.0077	-2.5 to 2.5	Pass
	846.5	25	0	20	102	-7.381	-0.0087	-2.5 to 2.5	Pass
					120	-4.835	-0.0057	-2.5 to 2.5	Pass
					138	-3.734	-0.0044	-2.5 to 2.5	Pass
				-30	120	-10.271	-0.0121	-2.5 to 2.5	Pass
				-20	120	-9.484	-0.0112	-2.5 to 2.5	Pass
				-10	120	-9.542	-0.0113	-2.5 to 2.5	Pass
				0	120	-6.695	-0.0079	-2.5 to 2.5	Pass
				10	120	-5.522	-0.0065	-2.5 to 2.5	Pass
				30	120	-3.562	-0.0042	-2.5 to 2.5	Pass
				40	120	-0.601	-0.0007	-2.5 to 2.5	Pass
				50	120	-3.591	-0.0042	-2.5 to 2.5	Pass

2.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	102	-8.125	-0.0098	-2.5 to 2.5	Pass
					120	-7.467	-0.0090	-2.5 to 2.5	Pass
					138	-7.668	-0.0092	-2.5 to 2.5	Pass
				-30	120	-6.037	-0.0073	-2.5 to 2.5	Pass
				-20	120	-6.881	-0.0083	-2.5 to 2.5	Pass
				-10	120	-8.368	-0.0101	-2.5 to 2.5	Pass
				0	120	-7.482	-0.0090	-2.5 to 2.5	Pass
				10	120	-5.307	-0.0064	-2.5 to 2.5	Pass

				30	120	-6.680	-0.0081	-2.5 to 2.5	Pass
				40	120	-7.782	-0.0094	-2.5 to 2.5	Pass
				50	120	-7.138	-0.0086	-2.5 to 2.5	Pass
	836.5	50	0	20	102	-1.173	-0.0014	-2.5 to 2.5	Pass
					120	-6.366	-0.0076	-2.5 to 2.5	Pass
					138	-5.937	-0.0071	-2.5 to 2.5	Pass
				-30	120	-5.751	-0.0069	-2.5 to 2.5	Pass
				-20	120	-8.640	-0.0103	-2.5 to 2.5	Pass
				-10	120	-6.509	-0.0078	-2.5 to 2.5	Pass
				0	120	-4.649	-0.0056	-2.5 to 2.5	Pass
				10	120	-6.895	-0.0082	-2.5 to 2.5	Pass
				30	120	-2.303	-0.0028	-2.5 to 2.5	Pass
				40	120	-8.125	-0.0097	-2.5 to 2.5	Pass
				50	120	-6.995	-0.0084	-2.5 to 2.5	Pass
	844	50	0	20	102	-9.356	-0.0111	-2.5 to 2.5	Pass
					120	-6.251	-0.0074	-2.5 to 2.5	Pass
					138	-2.203	-0.0026	-2.5 to 2.5	Pass
				-30	120	-4.005	-0.0047	-2.5 to 2.5	Pass
				-20	120	-6.423	-0.0076	-2.5 to 2.5	Pass
				-10	120	-6.323	-0.0075	-2.5 to 2.5	Pass
				0	120	-9.842	-0.0117	-2.5 to 2.5	Pass
				10	120	-4.749	-0.0056	-2.5 to 2.5	Pass
				30	120	-3.505	-0.0042	-2.5 to 2.5	Pass
				40	120	-7.496	-0.0089	-2.5 to 2.5	Pass
				50	120	-6.180	-0.0073	-2.5 to 2.5	Pass
16QAM	829	50	0	20	102	-8.254	-0.0100	-2.5 to 2.5	Pass
					120	-9.298	-0.0112	-2.5 to 2.5	Pass
					138	-7.353	-0.0089	-2.5 to 2.5	Pass
				-30	120	-8.998	-0.0109	-2.5 to 2.5	Pass
				-20	120	-7.825	-0.0094	-2.5 to 2.5	Pass
				-10	120	-6.280	-0.0076	-2.5 to 2.5	Pass
				0	120	-9.484	-0.0114	-2.5 to 2.5	Pass
				10	120	-5.021	-0.0061	-2.5 to 2.5	Pass
				30	120	-7.324	-0.0088	-2.5 to 2.5	Pass
				40	120	-8.984	-0.0108	-2.5 to 2.5	Pass
				50	120	-9.198	-0.0111	-2.5 to 2.5	Pass
	836.5	50	0	20	102	-7.482	-0.0089	-2.5 to 2.5	Pass
					120	-7.825	-0.0094	-2.5 to 2.5	Pass
					138	-6.108	-0.0073	-2.5 to 2.5	Pass
				-30	120	-6.852	-0.0082	-2.5 to 2.5	Pass
				-20	120	-6.008	-0.0072	-2.5 to 2.5	Pass
				-10	120	-5.736	-0.0069	-2.5 to 2.5	Pass
				0	120	-6.452	-0.0077	-2.5 to 2.5	Pass
				10	120	-5.665	-0.0068	-2.5 to 2.5	Pass
				30	120	-6.337	-0.0076	-2.5 to 2.5	Pass
				40	120	-5.307	-0.0063	-2.5 to 2.5	Pass
				50	120	-5.536	-0.0066	-2.5 to 2.5	Pass
	844	50	0	20	102	-5.550	-0.0066	-2.5 to 2.5	Pass
					120	-6.466	-0.0077	-2.5 to 2.5	Pass
					138	-3.734	-0.0044	-2.5 to 2.5	Pass
				-30	120	-6.051	-0.0072	-2.5 to 2.5	Pass
				-20	120	-5.407	-0.0064	-2.5 to 2.5	Pass
				-10	120	-5.021	-0.0059	-2.5 to 2.5	Pass
				0	120	-4.177	-0.0049	-2.5 to 2.5	Pass
				10	120	-2.904	-0.0034	-2.5 to 2.5	Pass
				30	120	-8.755	-0.0104	-2.5 to 2.5	Pass
				40	120	-3.448	-0.0041	-2.5 to 2.5	Pass
				50	120	-7.138	-0.0085	-2.5 to 2.5	Pass

2.1.5 B26b_15MHz

Band: 26b / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	831.5	75	0	20	102	-5.436	-0.0065	-2.5 to 2.5	Pass
					120	-4.177	-0.0050	-2.5 to 2.5	Pass
					138	-4.721	-0.0057	-2.5 to 2.5	Pass
				-30	120	-5.965	-0.0072	-2.5 to 2.5	Pass
				-20	120	-4.735	-0.0057	-2.5 to 2.5	Pass
				-10	120	-4.148	-0.0050	-2.5 to 2.5	Pass
				0	120	-6.037	-0.0073	-2.5 to 2.5	Pass
				10	120	-5.865	-0.0071	-2.5 to 2.5	Pass
				30	120	-6.108	-0.0073	-2.5 to 2.5	Pass
				40	120	-5.293	-0.0064	-2.5 to 2.5	Pass
				50	120	-5.293	-0.0064	-2.5 to 2.5	Pass
	836.5	75	0	20	102	-7.253	-0.0087	-2.5 to 2.5	Pass
					120	-3.219	-0.0038	-2.5 to 2.5	Pass
					138	-6.366	-0.0076	-2.5 to 2.5	Pass
				-30	120	-7.739	-0.0093	-2.5 to 2.5	Pass
				-20	120	-4.520	-0.0054	-2.5 to 2.5	Pass
				-10	120	-6.166	-0.0074	-2.5 to 2.5	Pass
				0	120	-4.649	-0.0056	-2.5 to 2.5	Pass
				10	120	-4.606	-0.0055	-2.5 to 2.5	Pass
				30	120	-6.051	-0.0072	-2.5 to 2.5	Pass
				40	120	-5.951	-0.0071	-2.5 to 2.5	Pass
				50	120	-3.963	-0.0047	-2.5 to 2.5	Pass
	841.5	75	0	20	102	-8.011	-0.0095	-2.5 to 2.5	Pass
					120	-10.314	-0.0123	-2.5 to 2.5	Pass
					138	-5.522	-0.0066	-2.5 to 2.5	Pass
				-30	120	-7.010	-0.0083	-2.5 to 2.5	Pass
				-20	120	-5.794	-0.0069	-2.5 to 2.5	Pass
				-10	120	-4.363	-0.0052	-2.5 to 2.5	Pass
				0	120	-7.052	-0.0084	-2.5 to 2.5	Pass
				10	120	-7.010	-0.0083	-2.5 to 2.5	Pass
				30	120	-5.379	-0.0064	-2.5 to 2.5	Pass
				40	120	-5.822	-0.0069	-2.5 to 2.5	Pass
				50	120	-4.077	-0.0048	-2.5 to 2.5	Pass
16QAM	831.5	75	0	20	102	-7.238	-0.0087	-2.5 to 2.5	Pass
					120	-6.337	-0.0076	-2.5 to 2.5	Pass
					138	-9.027	-0.0109	-2.5 to 2.5	Pass
				-30	120	-4.177	-0.0050	-2.5 to 2.5	Pass
				-20	120	-5.322	-0.0064	-2.5 to 2.5	Pass
				-10	120	-10.400	-0.0125	-2.5 to 2.5	Pass
				0	120	-6.394	-0.0077	-2.5 to 2.5	Pass
				10	120	-5.836	-0.0070	-2.5 to 2.5	Pass
				30	120	-6.037	-0.0073	-2.5 to 2.5	Pass
				40	120	-9.842	-0.0118	-2.5 to 2.5	Pass
				50	120	-7.381	-0.0089	-2.5 to 2.5	Pass
	836.5	75	0	20	102	-3.691	-0.0044	-2.5 to 2.5	Pass
					120	-5.178	-0.0062	-2.5 to 2.5	Pass
					138	-3.262	-0.0039	-2.5 to 2.5	Pass
				-30	120	-7.710	-0.0092	-2.5 to 2.5	Pass
				-20	120	-7.453	-0.0089	-2.5 to 2.5	Pass
				-10	120	-8.626	-0.0103	-2.5 to 2.5	Pass
				0	120	-2.503	-0.0030	-2.5 to 2.5	Pass
				10	120	-7.353	-0.0088	-2.5 to 2.5	Pass
				30	120	-5.507	-0.0066	-2.5 to 2.5	Pass
				40	120	-7.324	-0.0088	-2.5 to 2.5	Pass
				50	120	-2.775	-0.0033	-2.5 to 2.5	Pass

	841.5	75	0	20	102	-6.466	-0.0077	-2.5 to 2.5	Pass
					120	-5.121	-0.0061	-2.5 to 2.5	Pass
					138	-4.234	-0.0050	-2.5 to 2.5	Pass
				-30	120	-3.433	-0.0041	-2.5 to 2.5	Pass
				-20	120	-6.051	-0.0072	-2.5 to 2.5	Pass
				-10	120	-7.596	-0.0090	-2.5 to 2.5	Pass
				0	120	-6.766	-0.0080	-2.5 to 2.5	Pass
				10	120	-7.052	-0.0084	-2.5 to 2.5	Pass
				30	120	-7.925	-0.0094	-2.5 to 2.5	Pass
				40	120	-8.039	-0.0096	-2.5 to 2.5	Pass
				50	120	-9.212	-0.0109	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B26b_1.4MHz

Band: 26b / 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 B26b_3MHz

Band: 26b / 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 B26b_5MHz

Band: 26b / 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 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

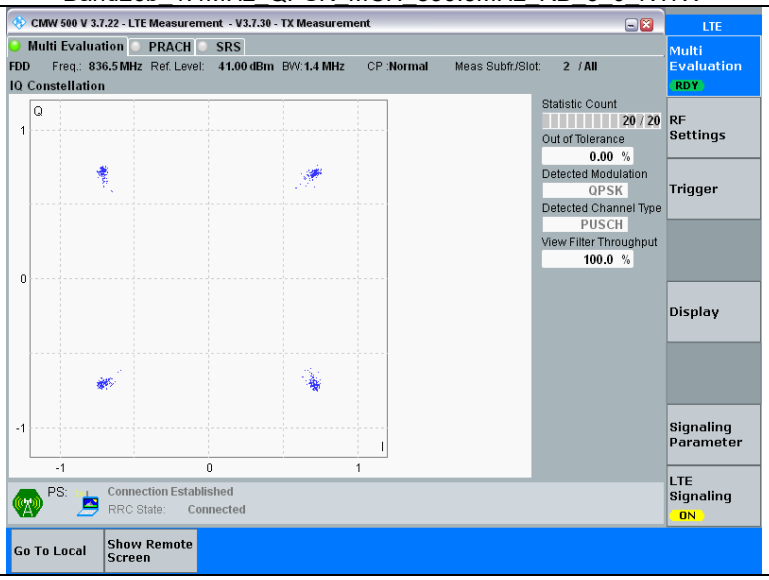
3.1.5 B26b_15MHz

Band: 26b / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	75	0	Refer To Test Graph		Pass
16QAM	836.5	75	0	Refer To Test Graph		Pass

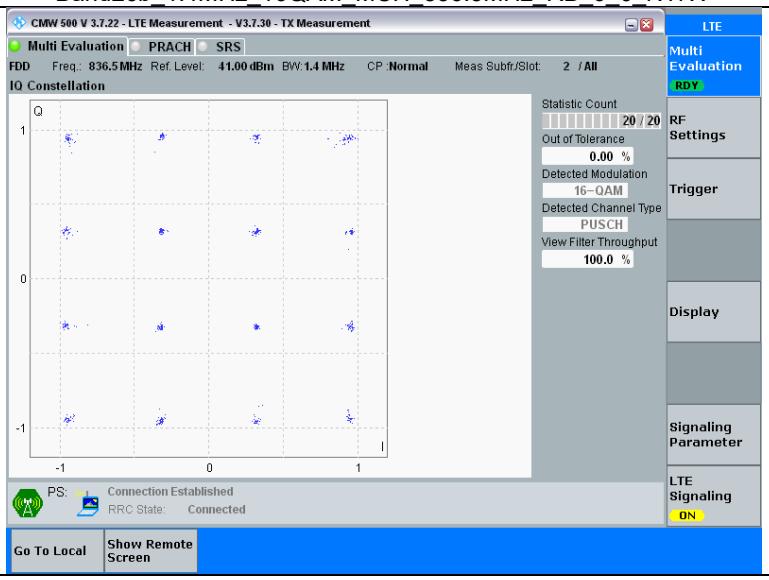
3.2 Test Graph

3.2.1 B26b_1.4MHz

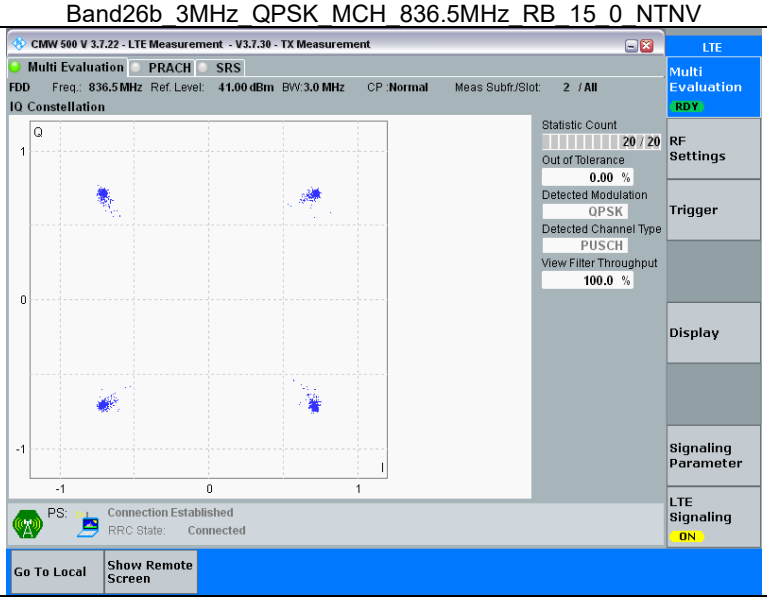
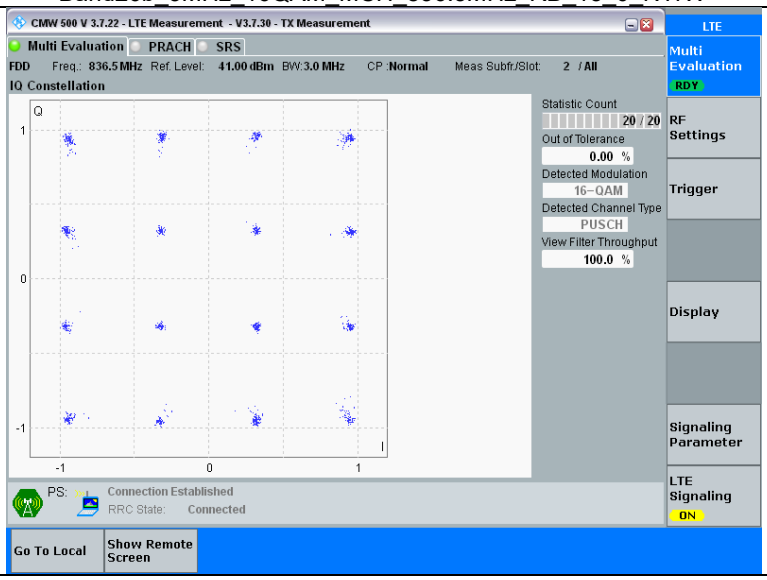
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



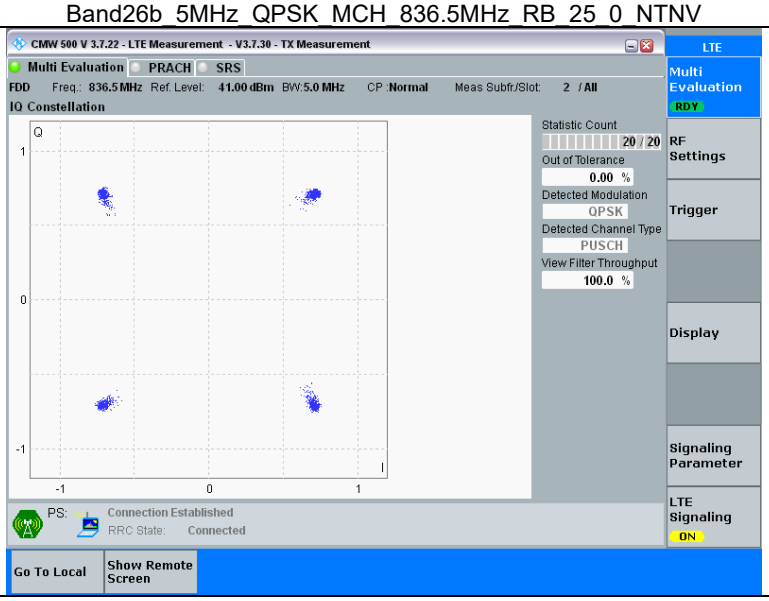
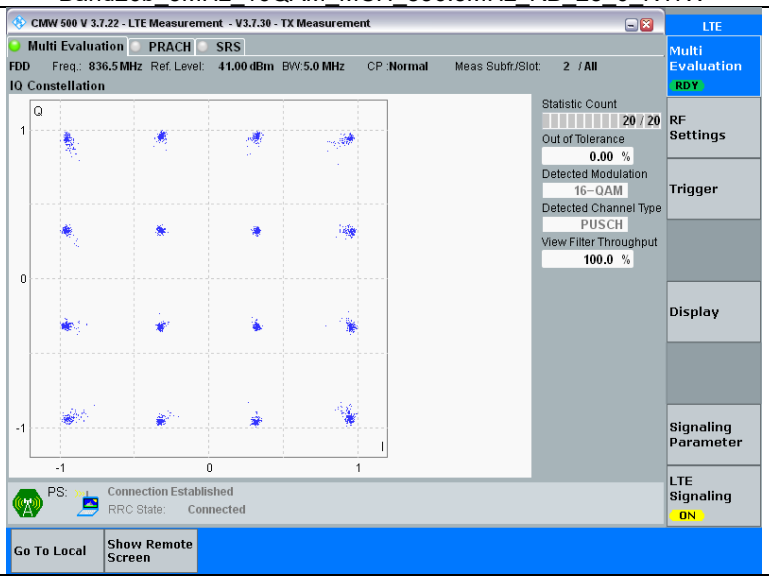
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



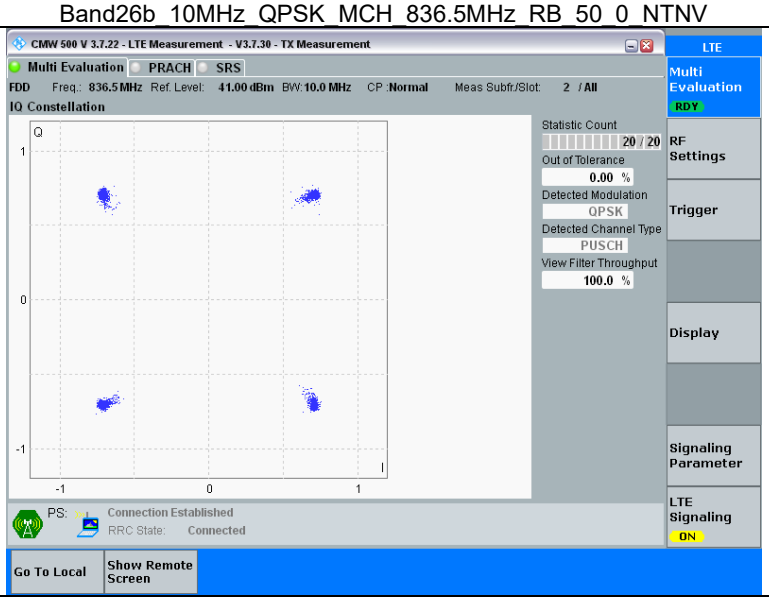
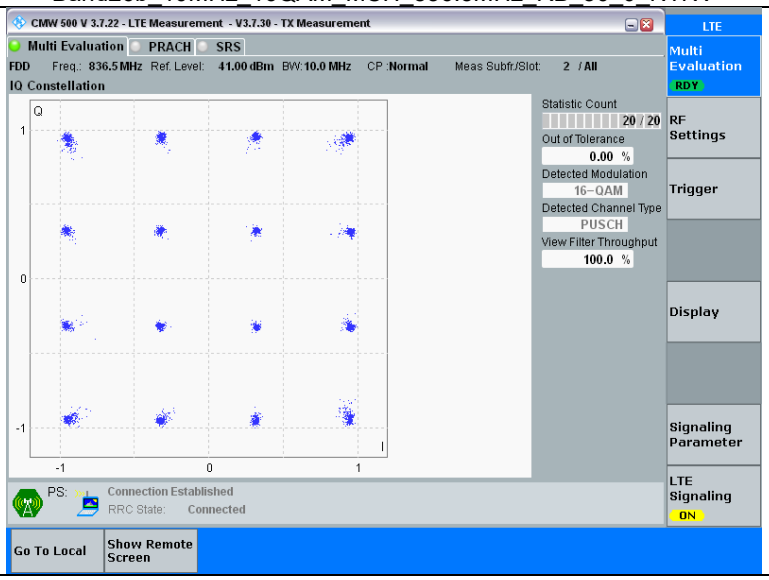
3.2.2 B26b_3MHz

Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV


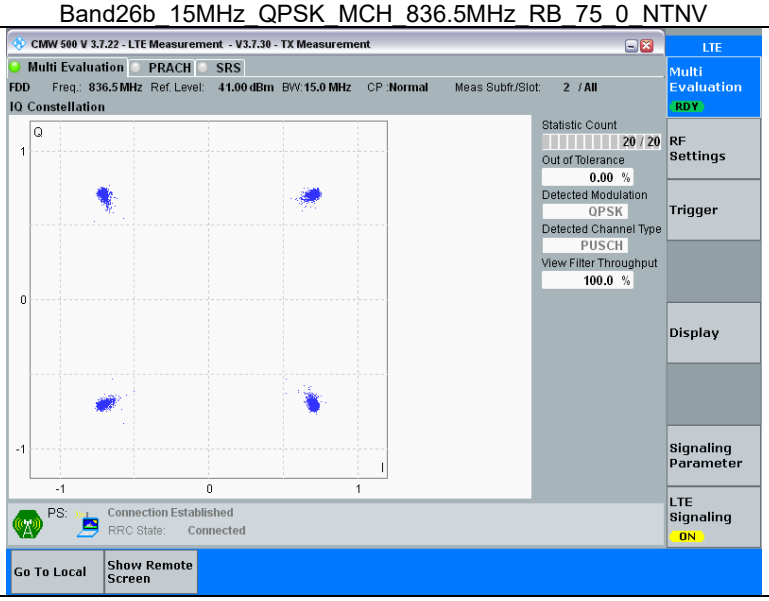
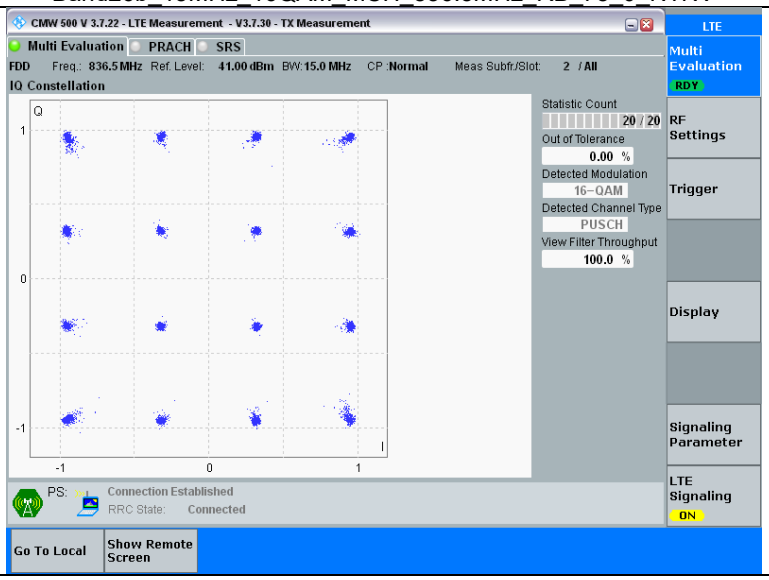
3.2.3 B26b_5MHz

Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV


3.2.4 B26b_10MHz

Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV


3.2.5 B26b_15MHz

Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV

Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26b_OBW

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.119	/	Pass
		836.5	6	0	1.114	/	Pass
		848.3	6	0	1.118	/	Pass
	16QAM	824.7	6	0	1.113	/	Pass
		836.5	6	0	1.110	/	Pass
		848.3	6	0	1.114	/	Pass
3	QPSK	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.744	/	Pass
		847.5	15	0	2.736	/	Pass
	16QAM	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.735	/	Pass
		847.5	15	0	2.724	/	Pass
5	QPSK	826.5	25	0	4.553	/	Pass
		836.5	25	0	4.554	/	Pass
		846.5	25	0	4.543	/	Pass
	16QAM	826.5	25	0	4.570	/	Pass
		836.5	25	0	4.553	/	Pass
		846.5	25	0	4.530	/	Pass
10	QPSK	829	50	0	9.035	/	Pass
		836.5	50	0	9.052	/	Pass
		844	50	0	9.039	/	Pass
	16QAM	829	50	0	9.022	/	Pass
		836.5	50	0	9.030	/	Pass
		844	50	0	9.050	/	Pass
15	QPSK	831.5	75	0	13.570	/	Pass
		836.5	75	0	13.532	/	Pass
		841.5	75	0	13.609	/	Pass
	16QAM	831.5	75	0	13.572	/	Pass
		836.5	75	0	13.565	/	Pass
		841.5	75	0	13.572	/	Pass

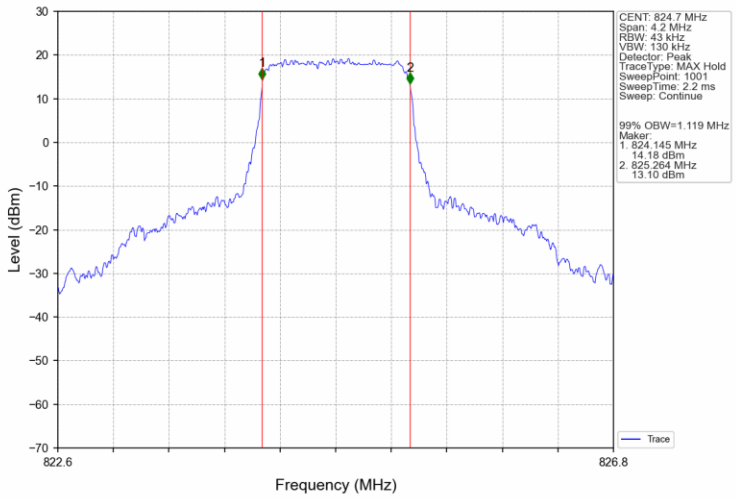
4.1.2 Band26b_XDB

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.338	/	Pass
		836.5	6	0	1.365	/	Pass
		848.3	6	0	1.342	/	Pass
	16QAM	824.7	6	0	1.329	/	Pass
		836.5	6	0	1.323	/	Pass
		848.3	6	0	1.335	/	Pass
3	QPSK	825.5	15	0	3.019	/	Pass
		836.5	15	0	3.006	/	Pass
		847.5	15	0	3.040	/	Pass
	16QAM	825.5	15	0	3.039	/	Pass
		836.5	15	0	3.006	/	Pass
		847.5	15	0	3.037	/	Pass
5	QPSK	826.5	25	0	5.058	/	Pass
		836.5	25	0	5.078	/	Pass
		846.5	25	0	5.039	/	Pass
	16QAM	826.5	25	0	5.107	/	Pass
		836.5	25	0	5.057	/	Pass
		846.5	25	0	5.053	/	Pass
10	QPSK	829	50	0	9.948	/	Pass
		836.5	50	0	9.902	/	Pass
		844	50	0	10.065	/	Pass
	16QAM	829	50	0	9.925	/	Pass
		836.5	50	0	10.040	/	Pass
		844	50	0	9.900	/	Pass
15	QPSK	831.5	75	0	14.957	/	Pass
		836.5	75	0	14.930	/	Pass
		841.5	75	0	14.941	/	Pass
	16QAM	831.5	75	0	14.836	/	Pass
		836.5	75	0	14.914	/	Pass
		841.5	75	0	14.933	/	Pass

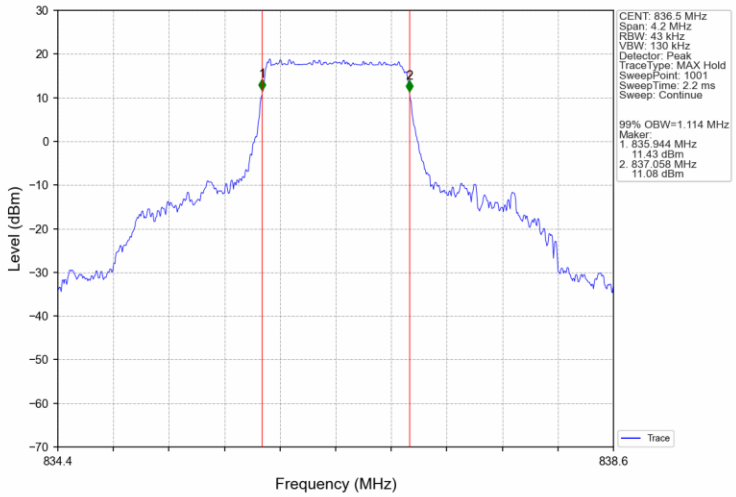
4.2 Test Graph

4.2.1 Band26b_OBW

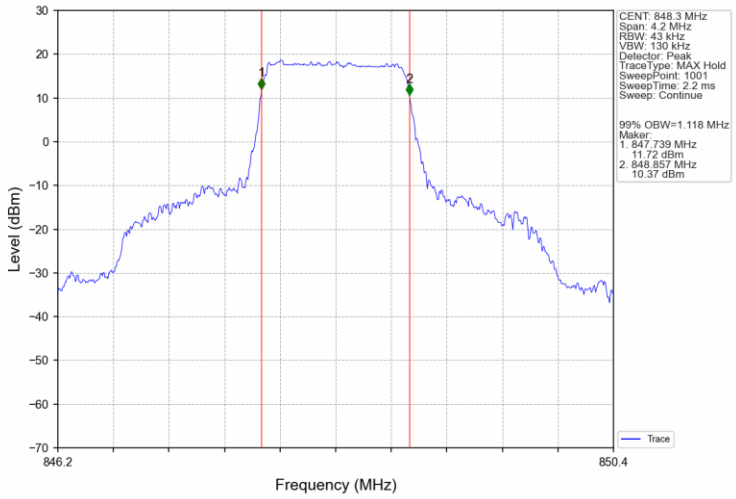
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



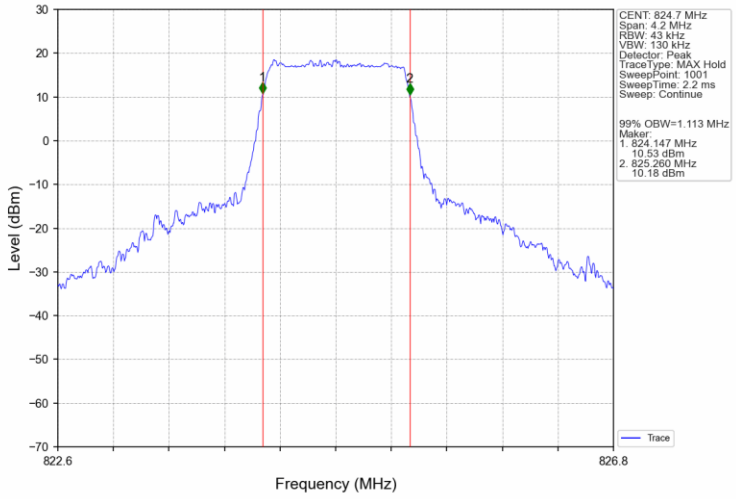
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



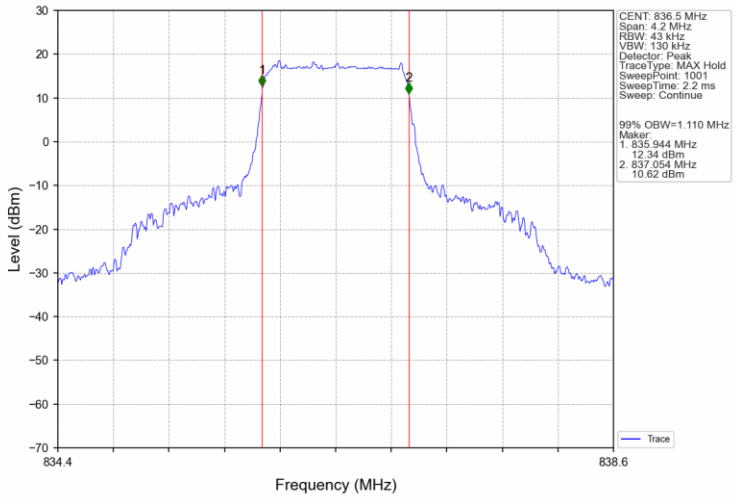
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



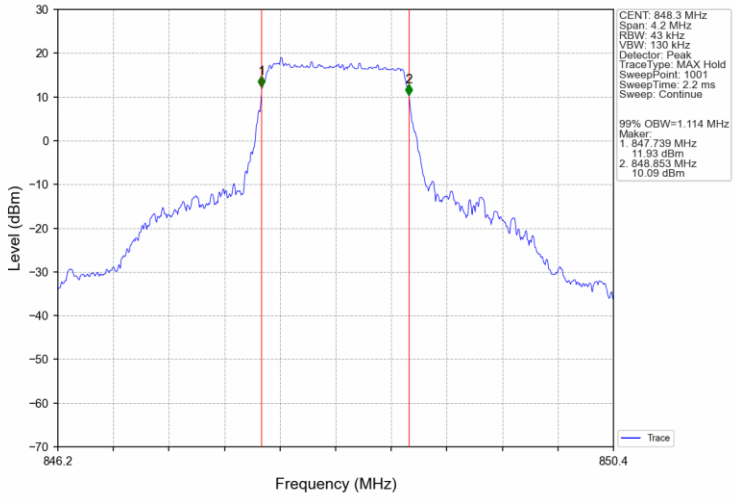
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



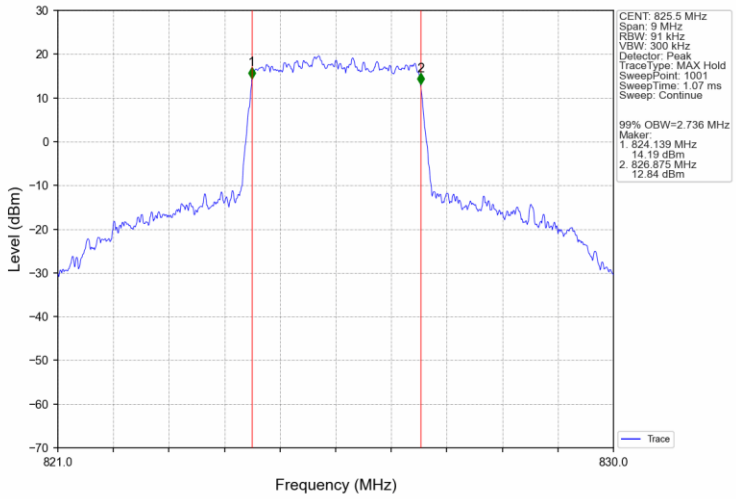
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



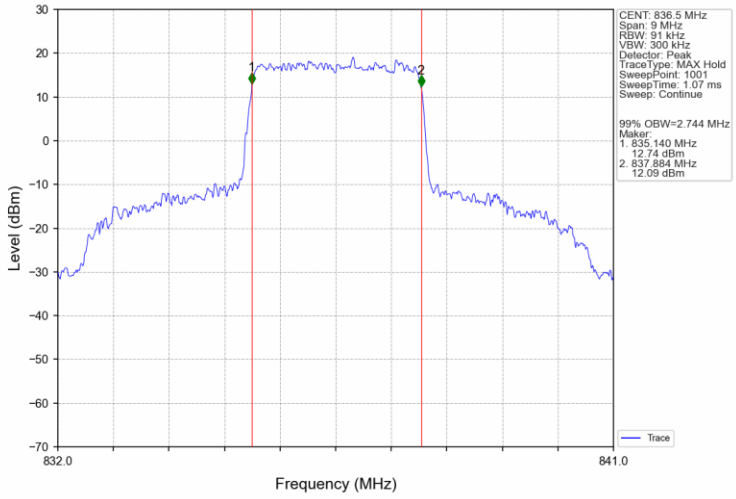
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



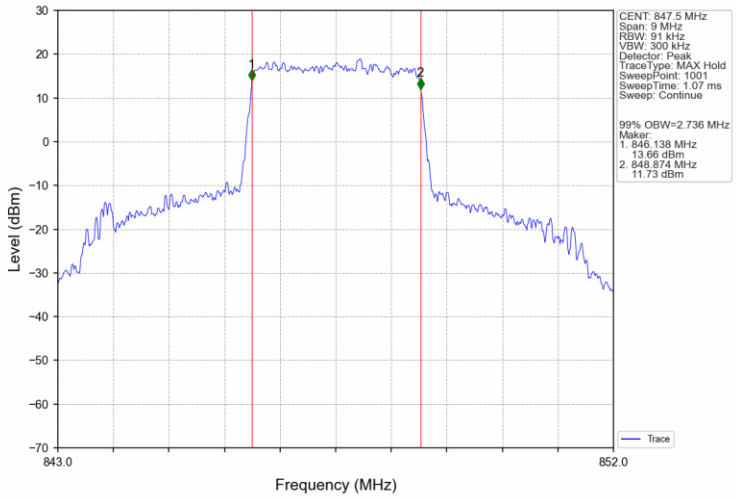
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



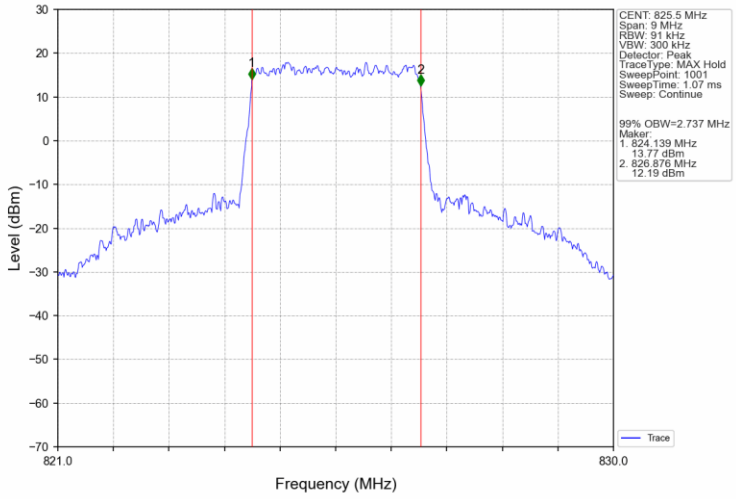
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



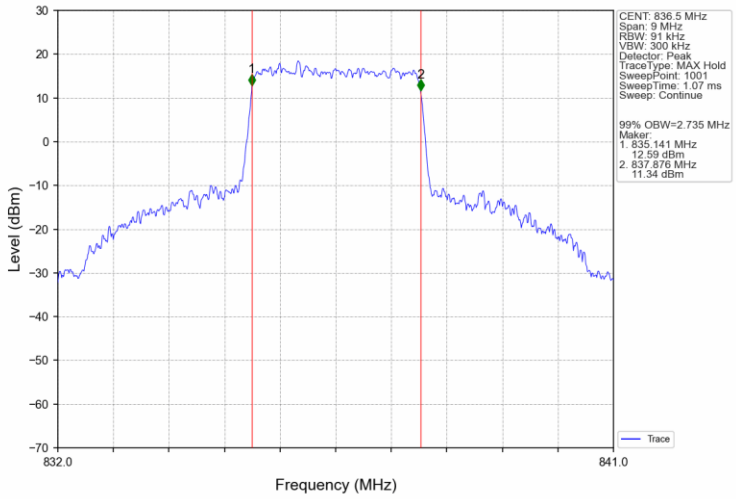
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



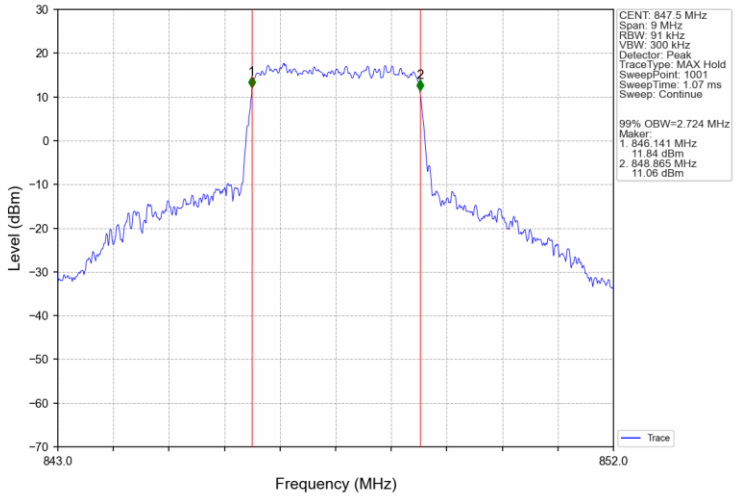
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



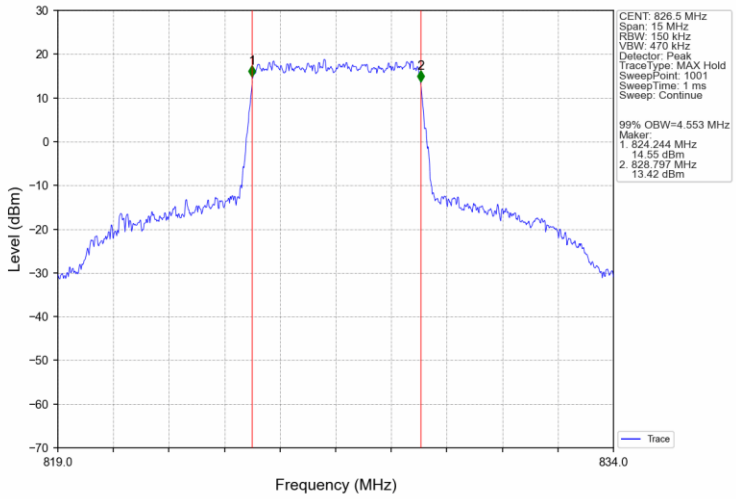
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



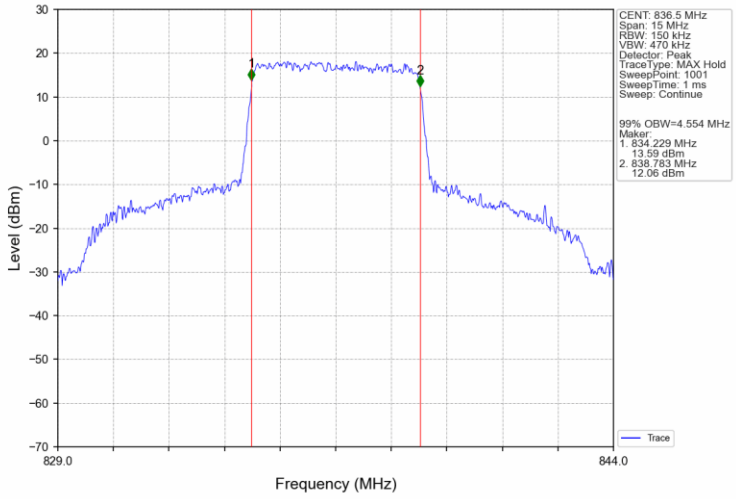
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



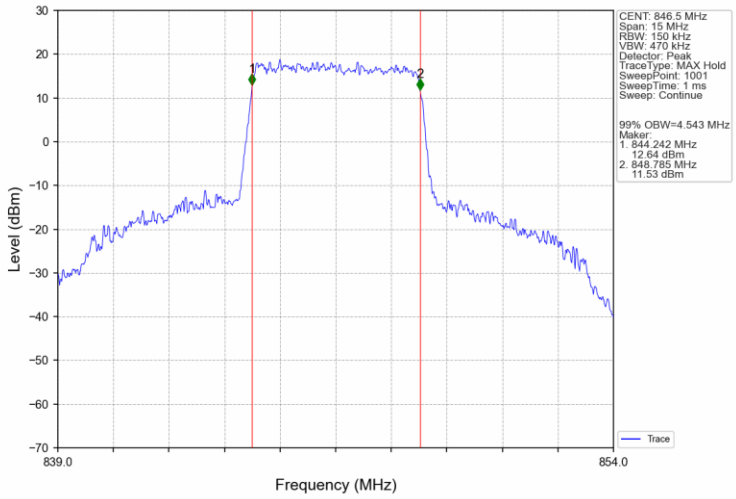
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



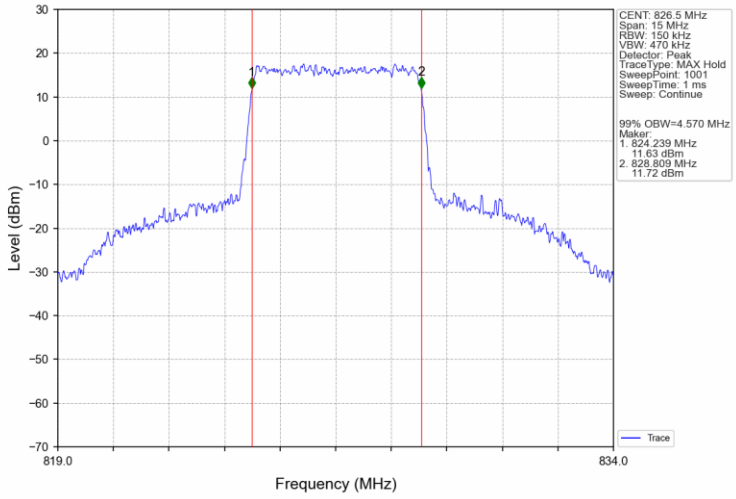
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



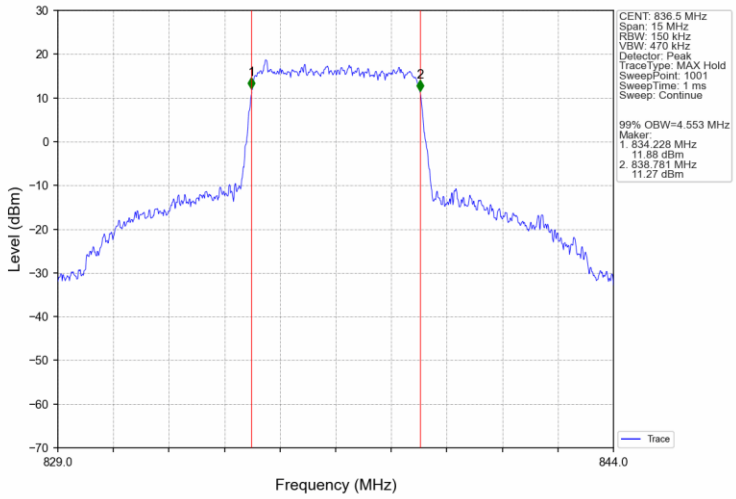
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



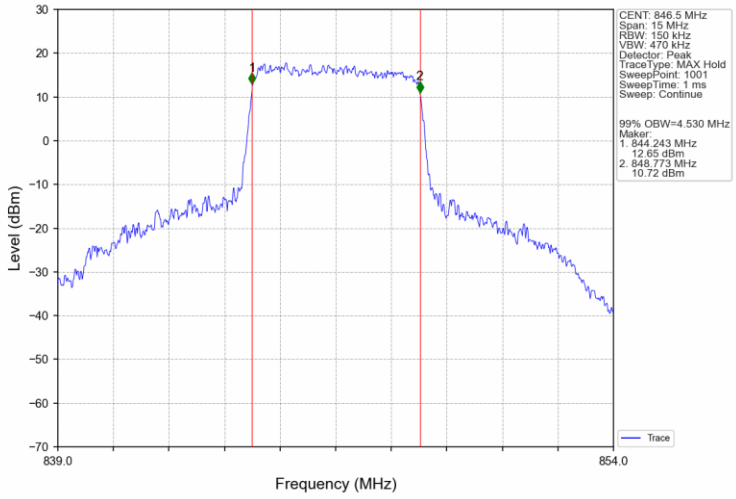
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



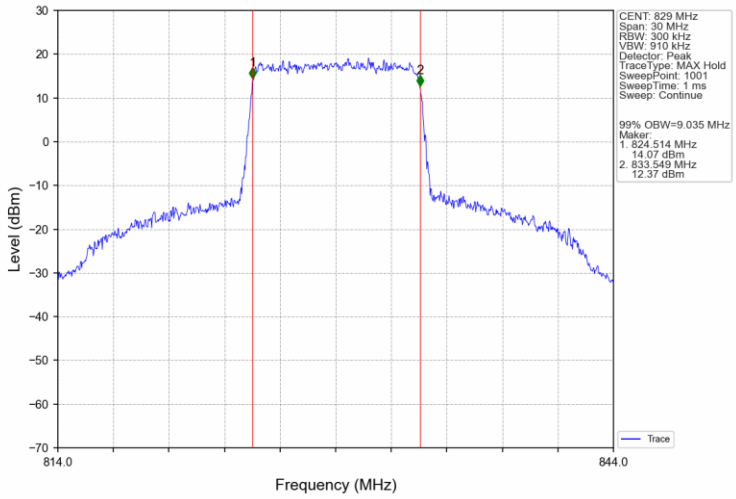
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



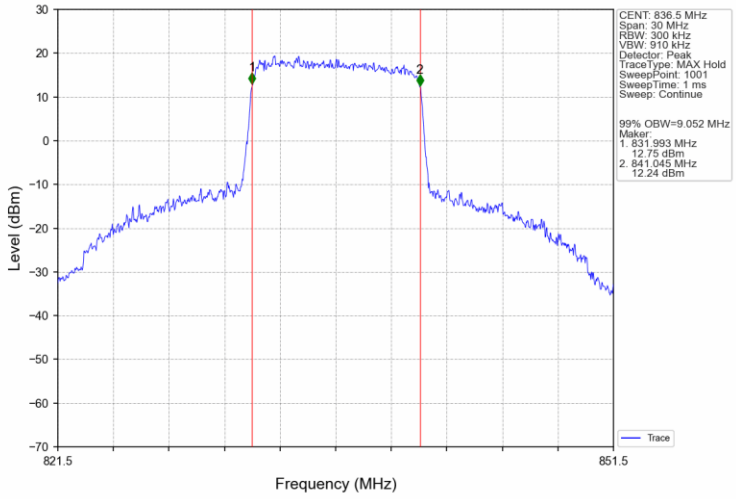
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



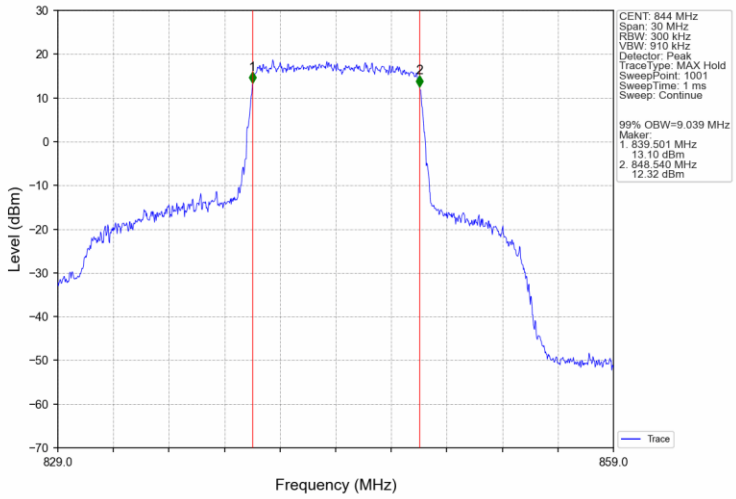
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



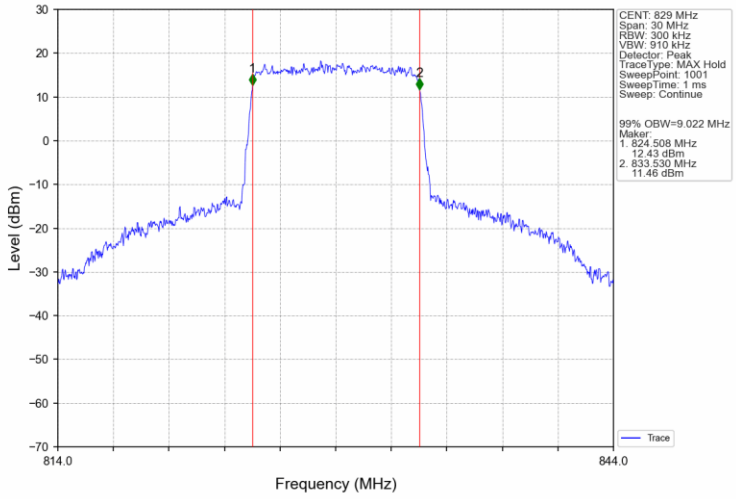
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



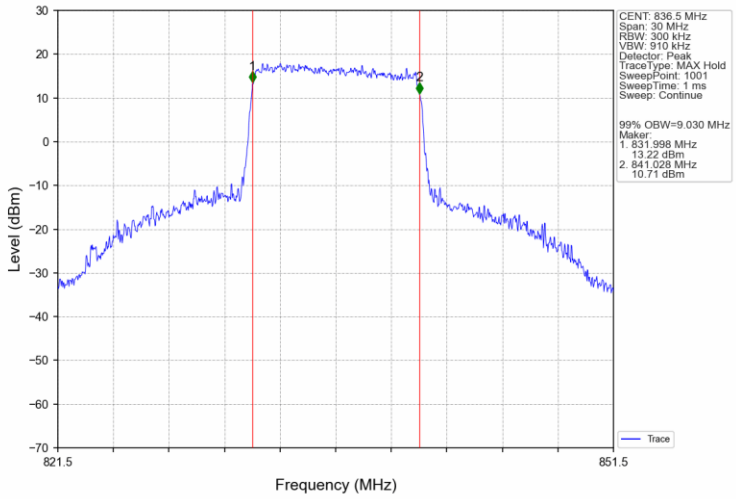
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



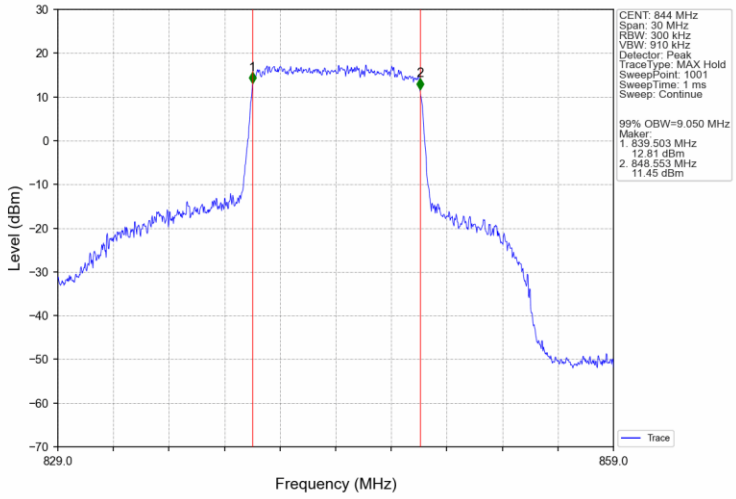
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



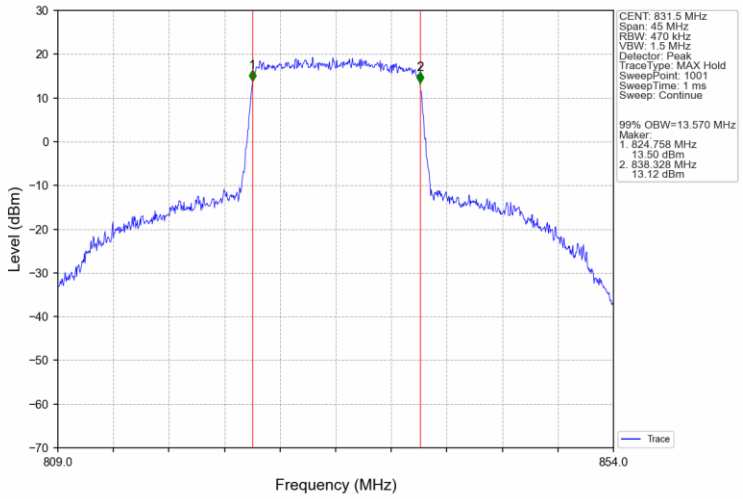
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



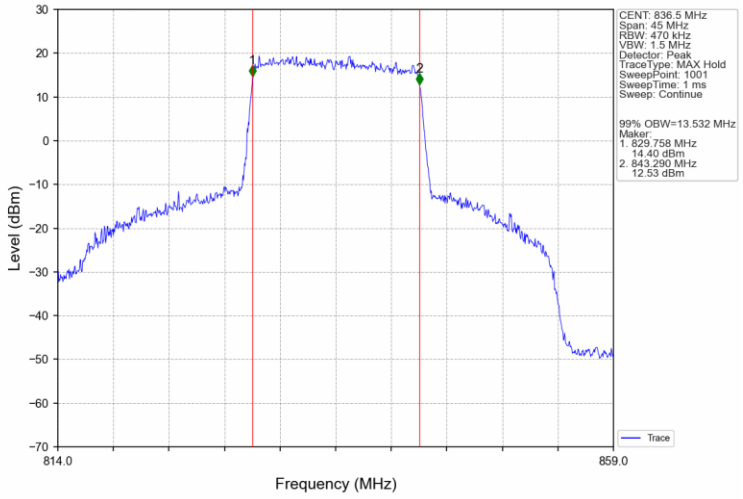
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



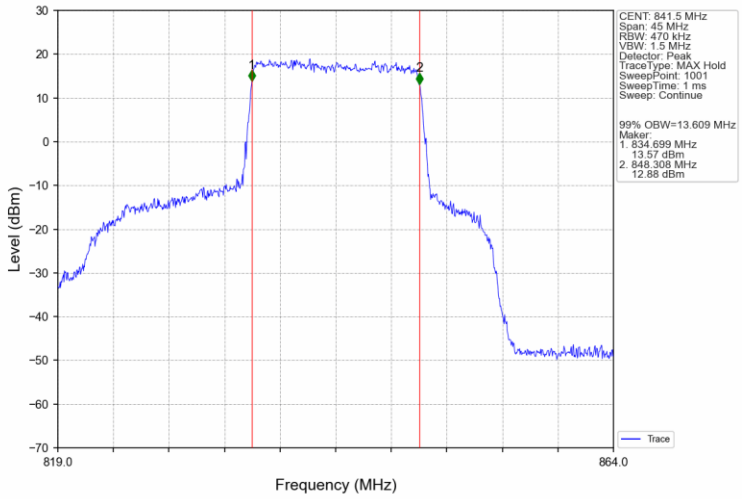
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



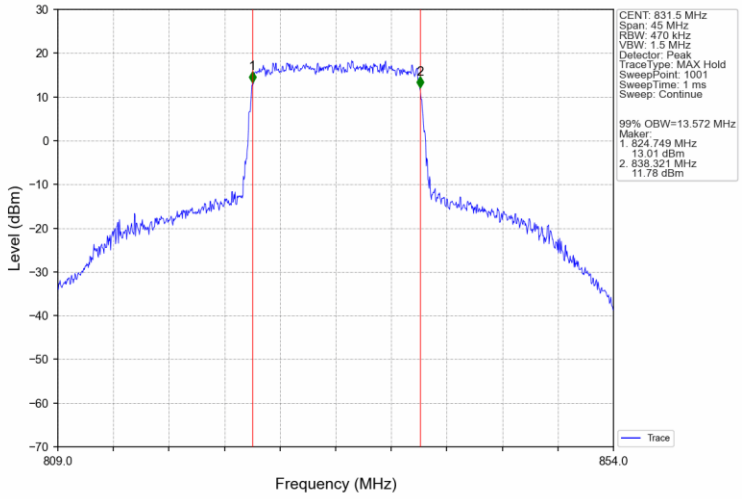
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



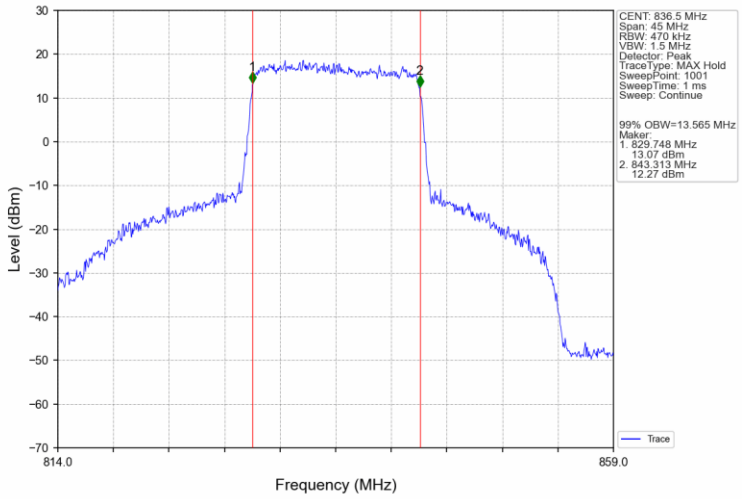
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



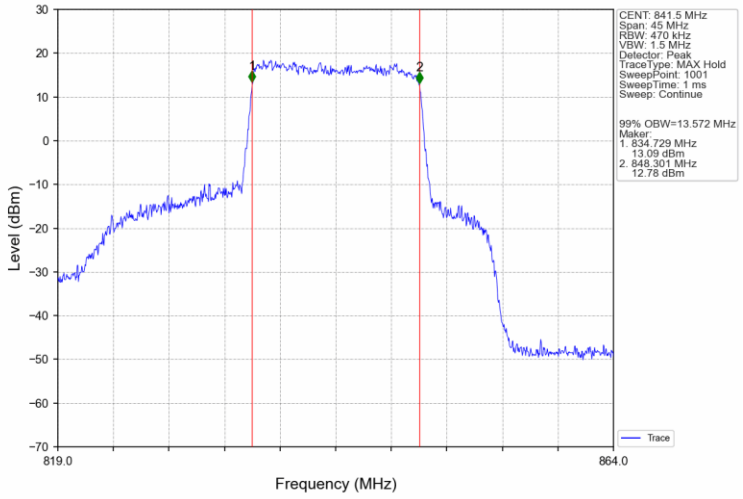
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV

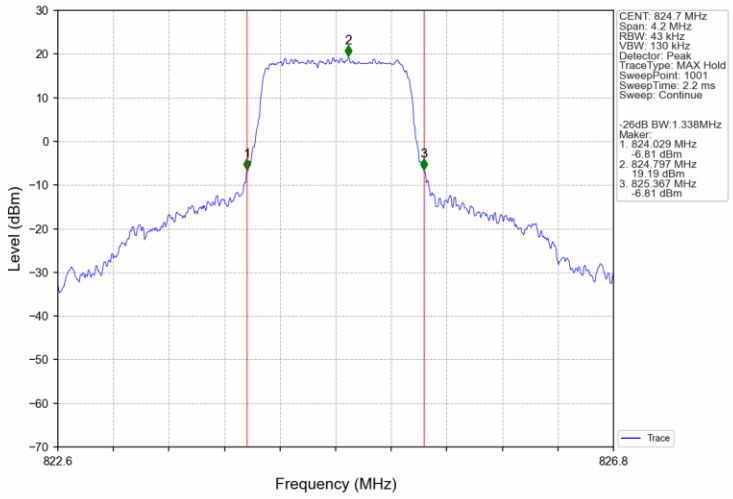


Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV

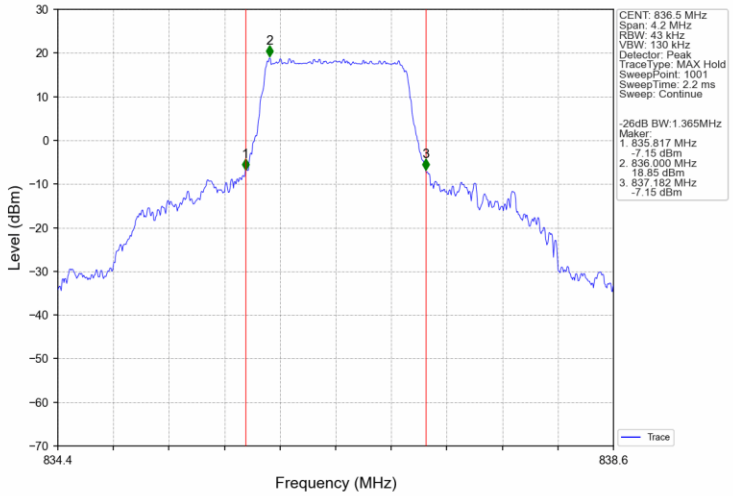


4.2.2 Band26b_XDB

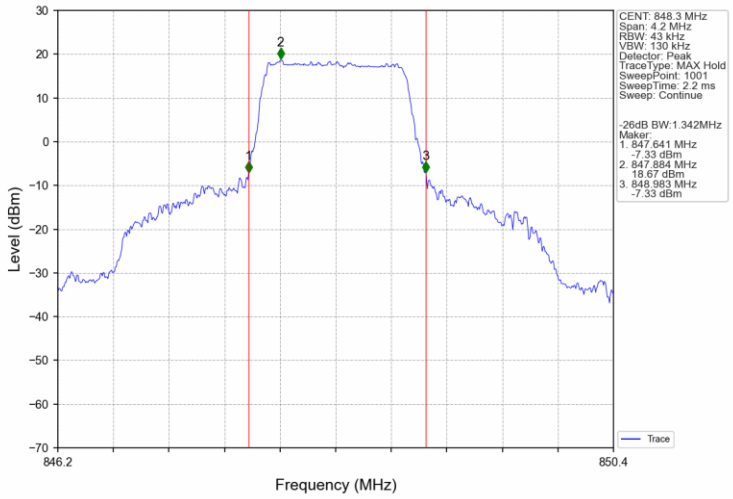
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



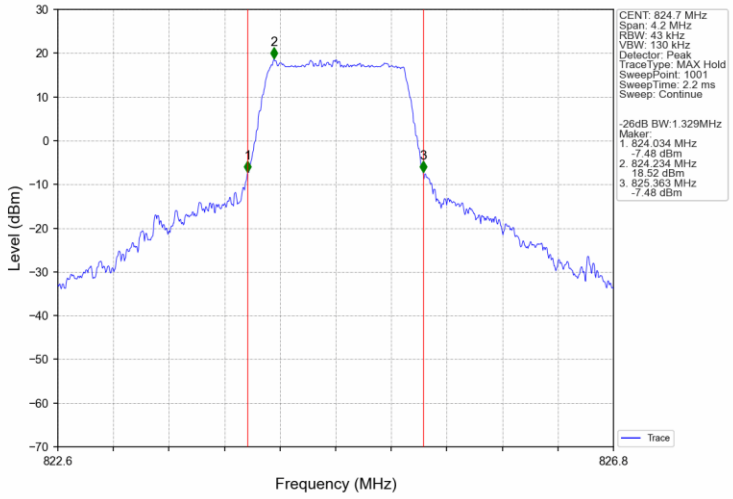
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



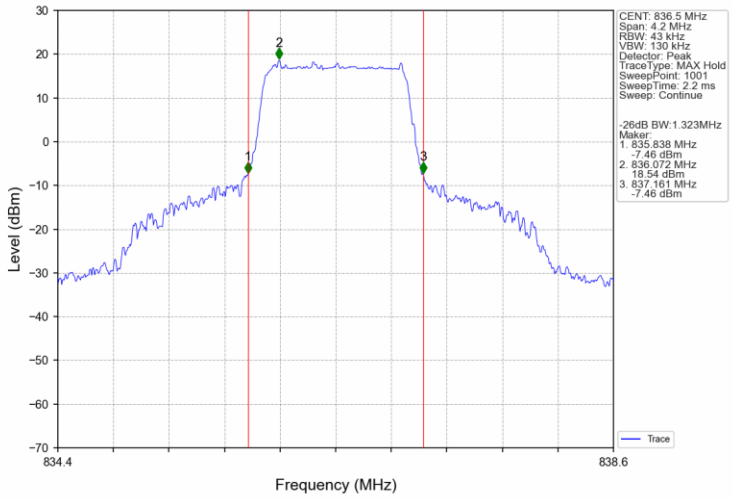
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



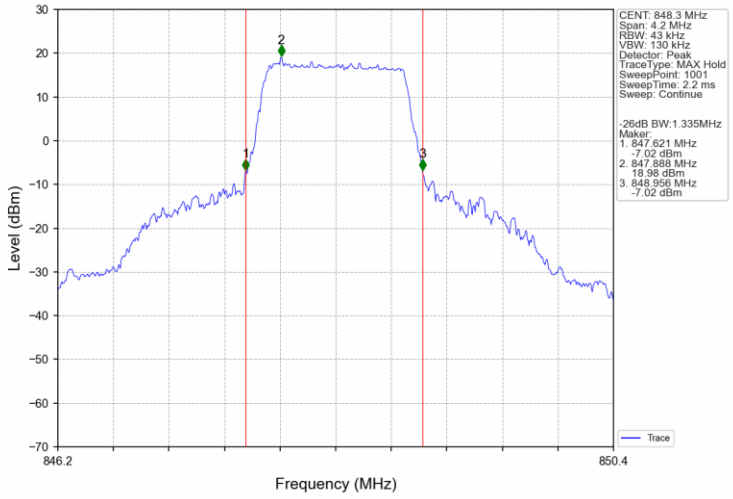
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



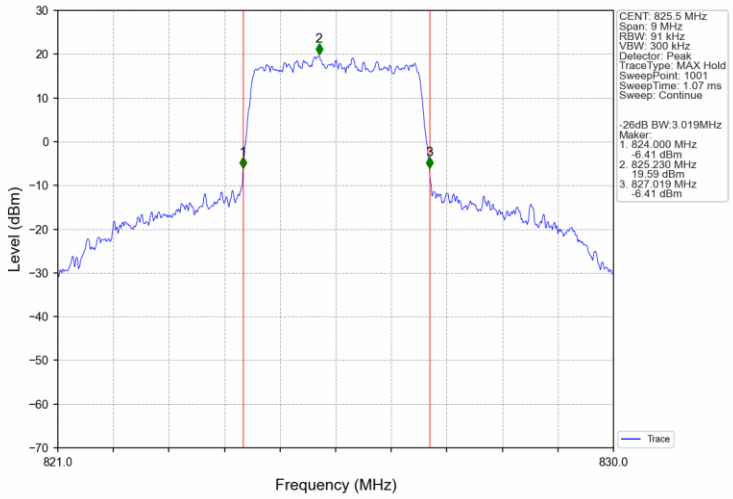
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



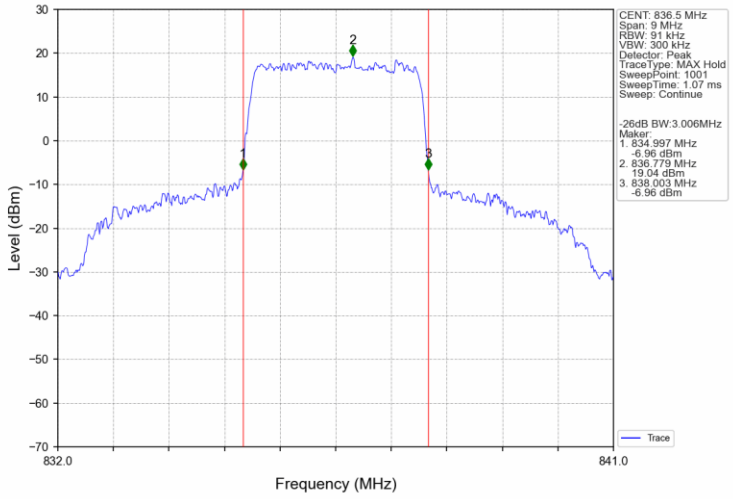
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



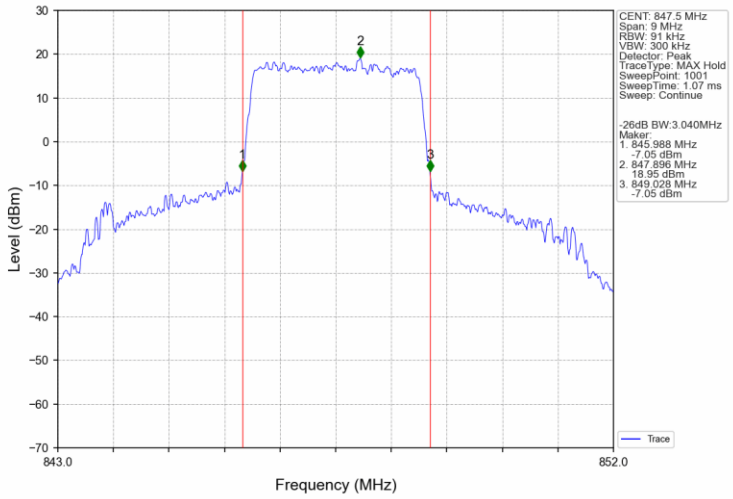
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



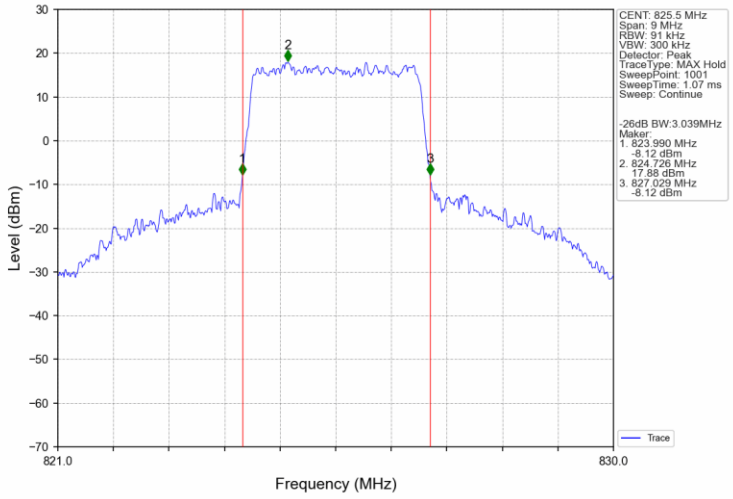
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



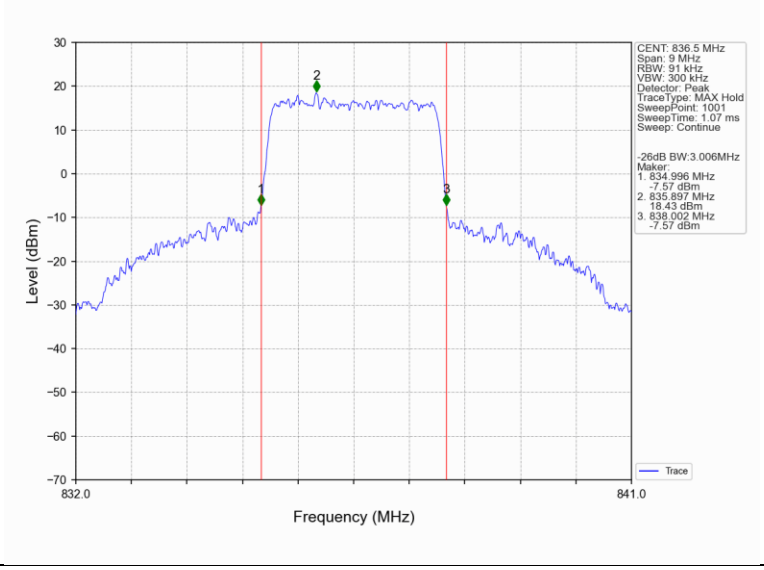
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



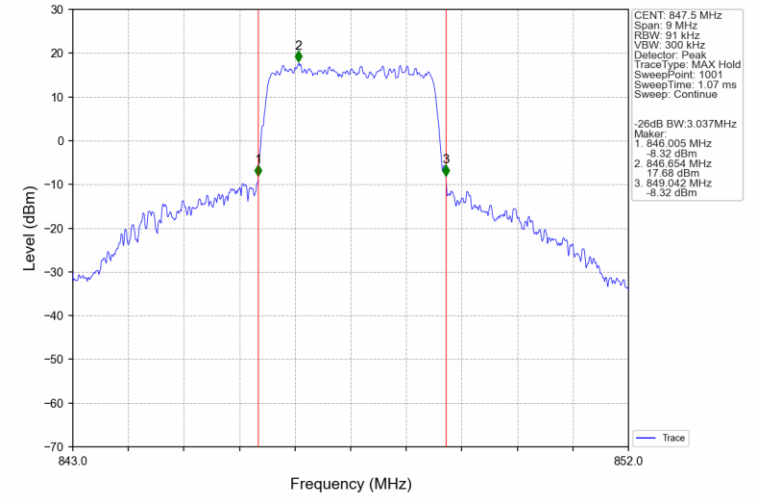
Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



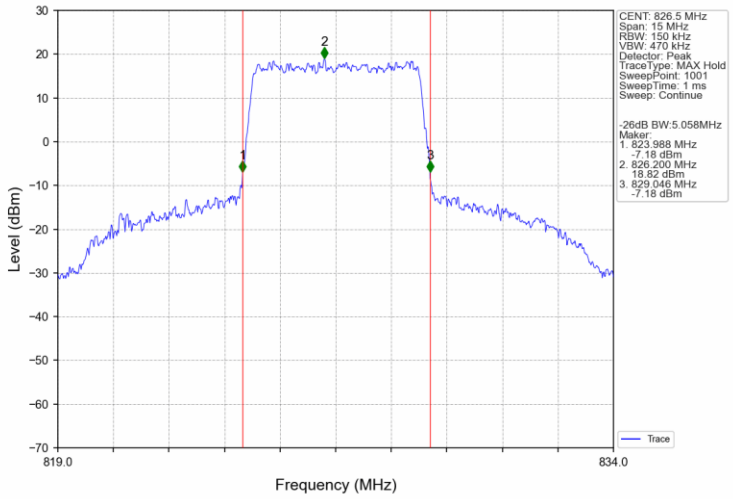
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



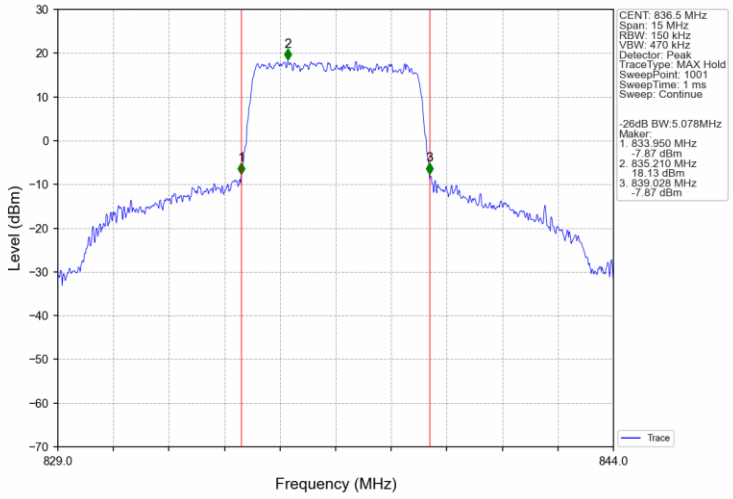
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



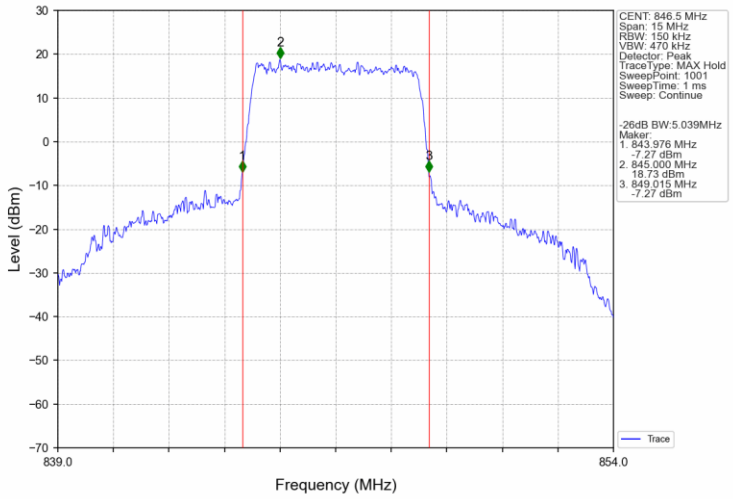
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



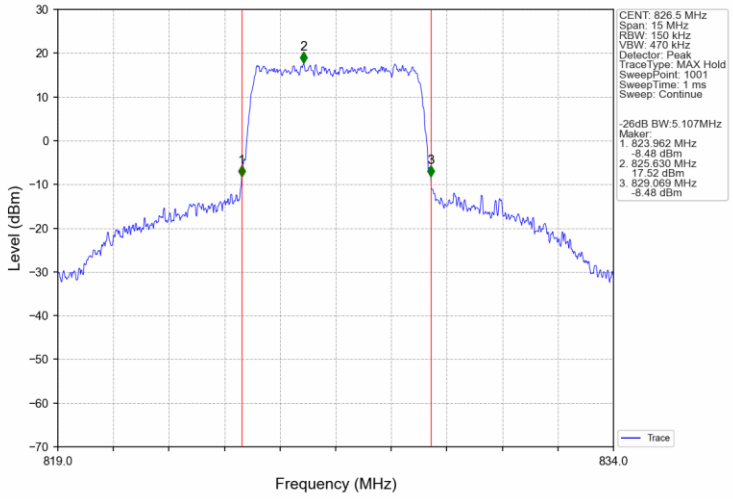
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



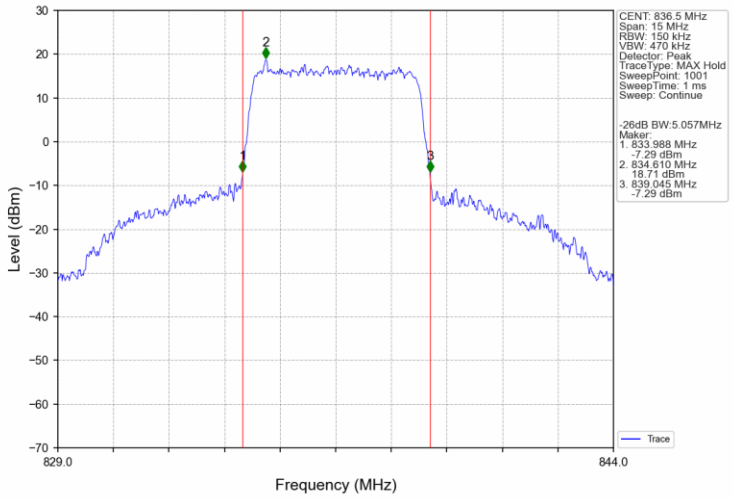
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



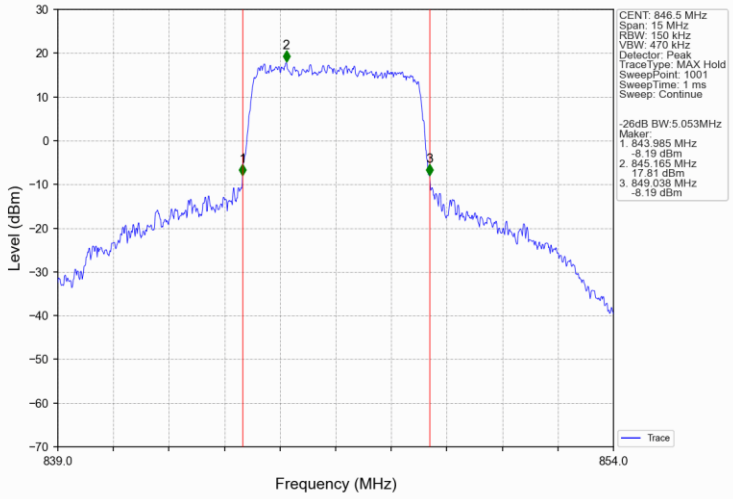
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



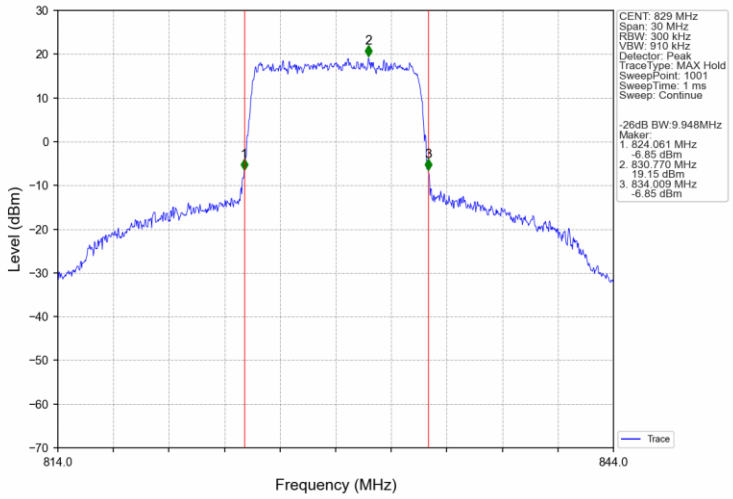
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



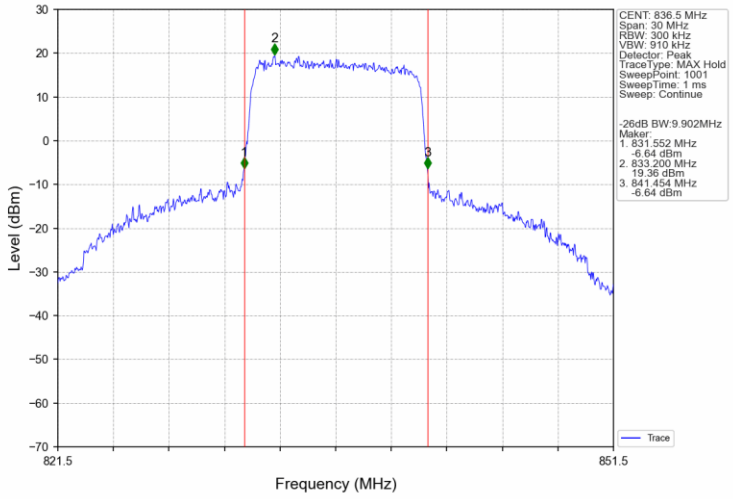
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



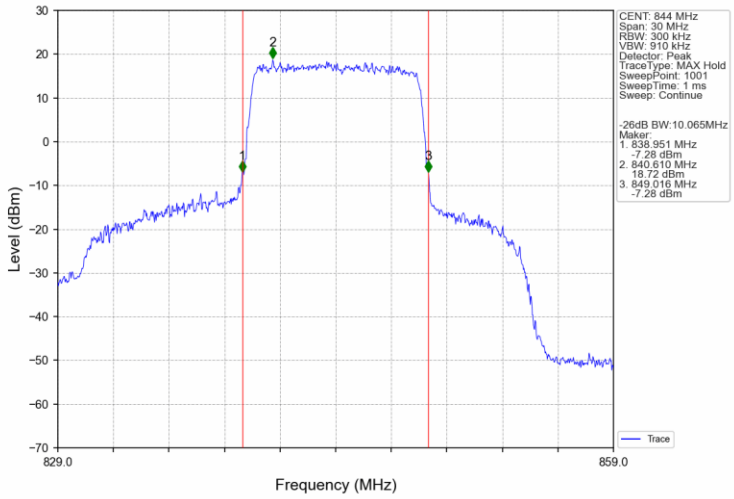
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



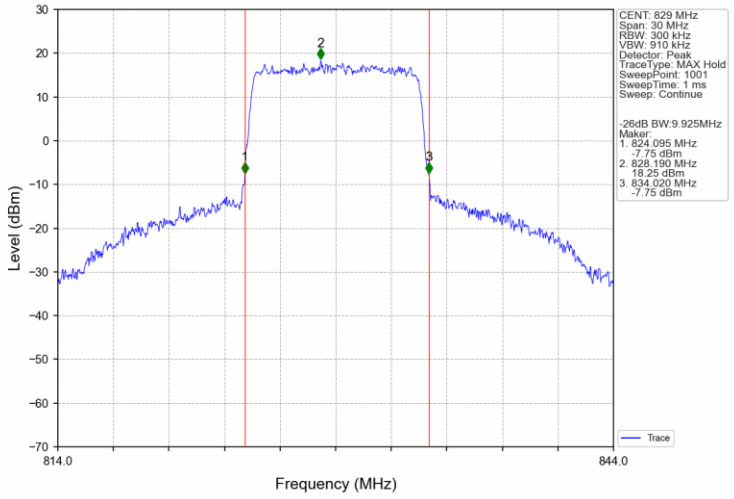
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



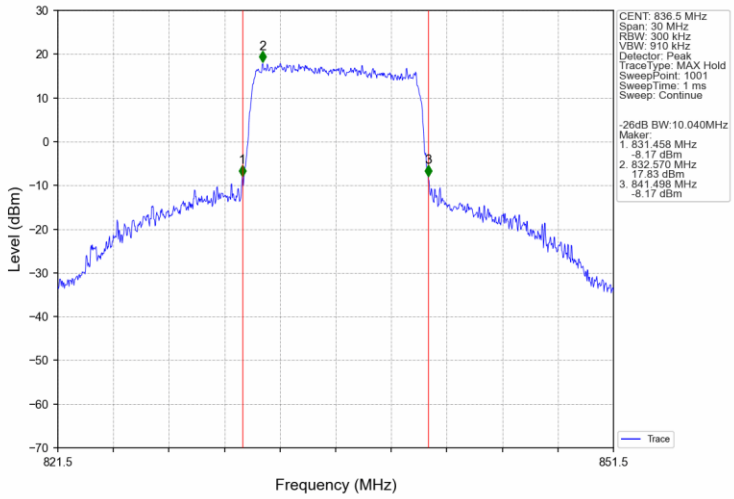
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



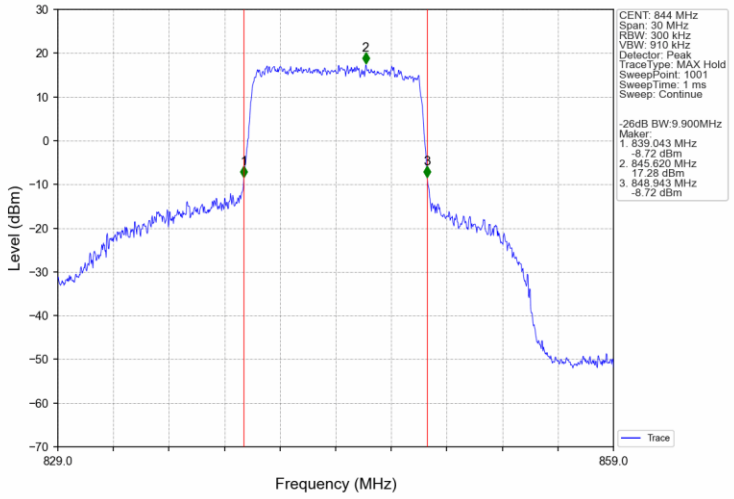
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



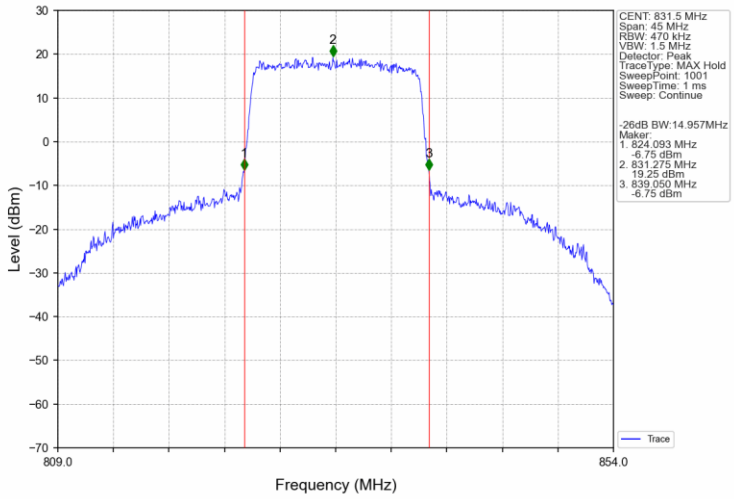
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



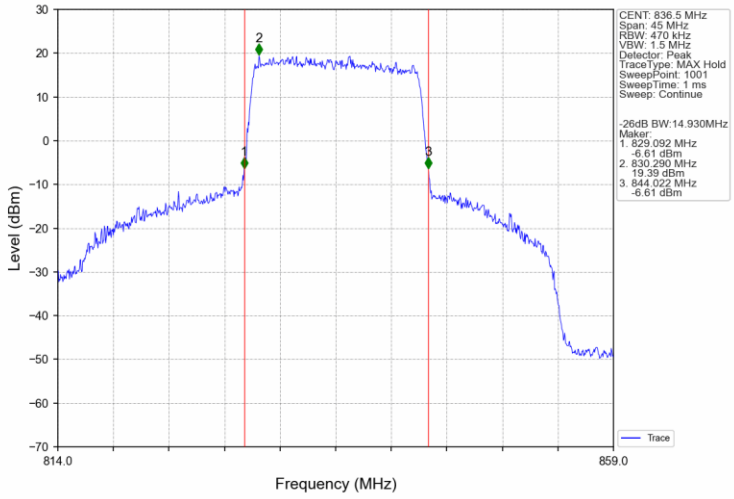
Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



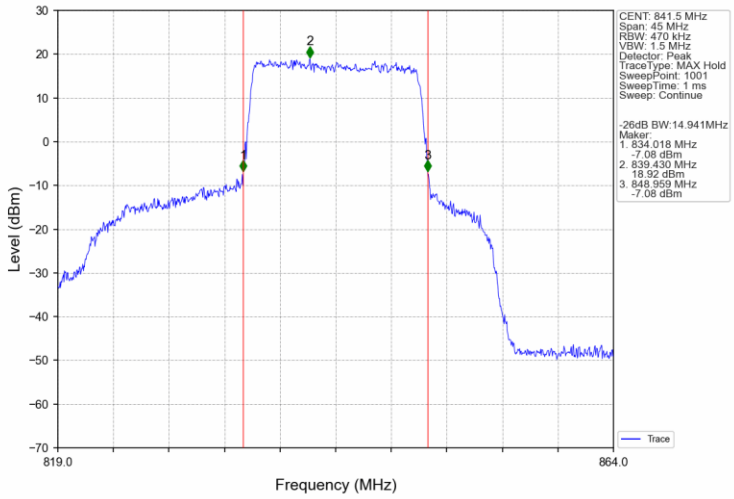
Band26b_15MHz_QPSK_LCH_831.5MHz_RB_75_0_NTNV



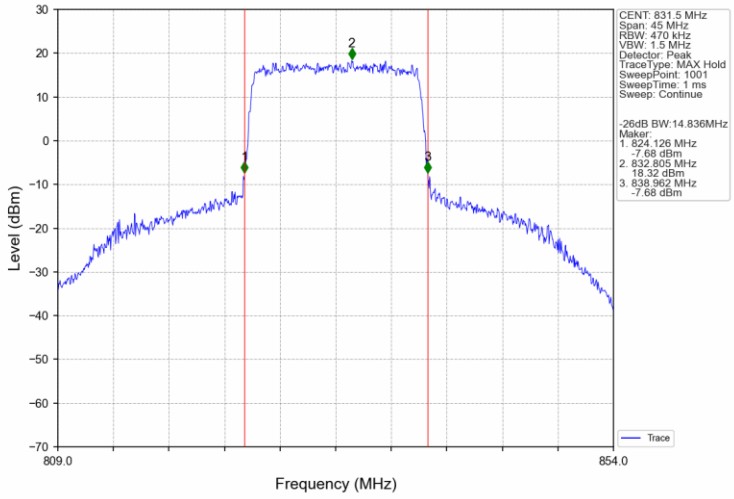
Band26b_15MHz_QPSK_MCH_836.5MHz_RB_75_0_NTNV



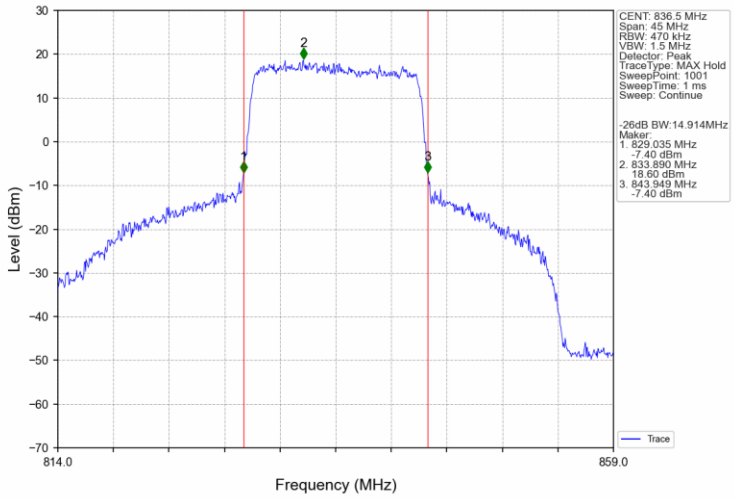
Band26b_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



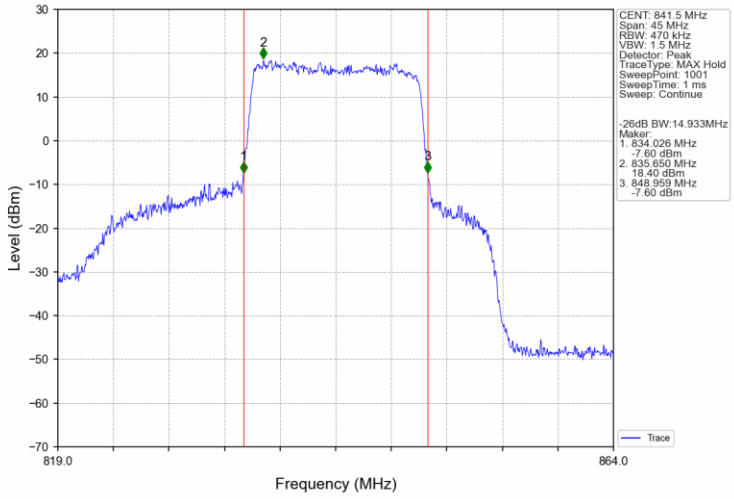
Band26b_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_MCH_836.5MHz_RB_75_0_NTNV



Band26b_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B26b_1.4MHz

Band: 26b / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.21	<=13	Pass
	836.5	6	0	3.76	<=13	Pass
	848.3	6	0	3.89	<=13	Pass
16QAM	824.7	6	0	4.99	<=13	Pass
	836.5	6	0	4.59	<=13	Pass
	848.3	6	0	4.71	<=13	Pass

5.1.2 B26b_3MHz

Band: 26b / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.34	<=13	Pass
	836.5	15	0	3.92	<=13	Pass
	847.5	15	0	4.10	<=13	Pass
16QAM	825.5	15	0	5.16	<=13	Pass
	836.5	15	0	4.75	<=13	Pass
	847.5	15	0	4.93	<=13	Pass

5.1.3 B26b_5MHz

Band: 26b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.77	<=13	Pass
	836.5	25	0	4.57	<=13	Pass
	846.5	25	0	4.71	<=13	Pass
16QAM	826.5	25	0	5.50	<=13	Pass
	836.5	25	0	5.25	<=13	Pass
	846.5	25	0	5.34	<=13	Pass

5.1.4 B26b_10MHz

Band: 26b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.68	<=13	Pass
	836.5	50	0	4.58	<=13	Pass
	844	50	0	4.77	<=13	Pass
16QAM	829	50	0	5.46	<=13	Pass
	836.5	50	0	5.33	<=13	Pass
	844	50	0	5.54	<=13	Pass

5.1.5 B26b_15MHz

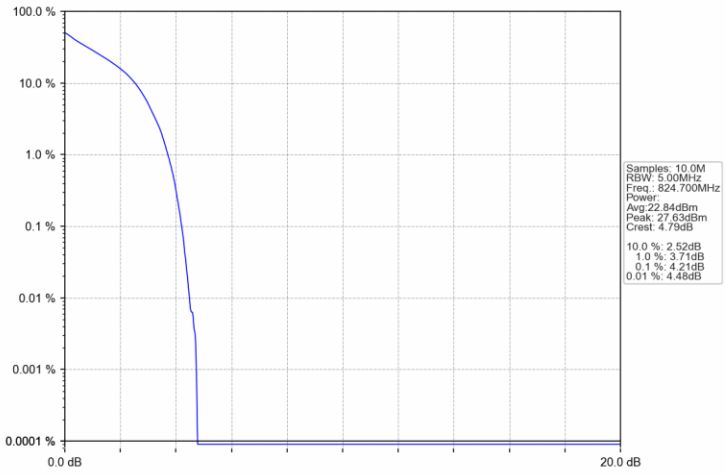
Band: 26b / Bandwidth: 15MHz / NTNV				
Modulation	Frequency	RB Allocation	Peak-Average Ratio (dB)	Verdict

	(MHz)	Size	Offset	Result	Limit	
QPSK	831.5	75	0	4.81	<=13	Pass
	836.5	75	0	4.89	<=13	Pass
	841.5	75	0	5.01	<=13	Pass
16QAM	831.5	75	0	5.76	<=13	Pass
	836.5	75	0	5.76	<=13	Pass
	841.5	75	0	5.87	<=13	Pass

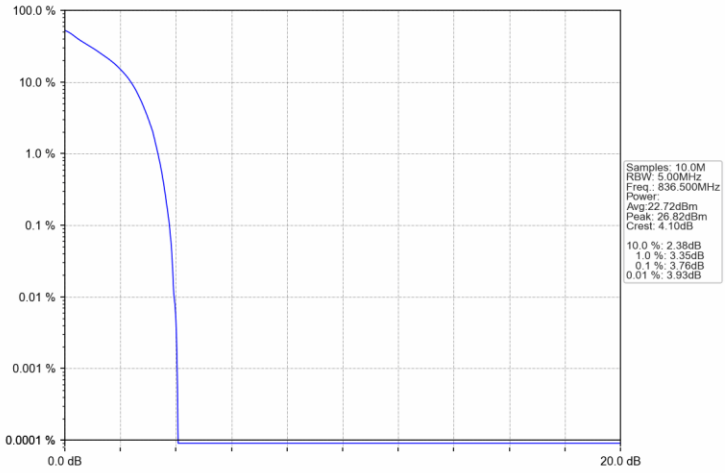
5.2 Test Graph

5.2.1 B26b_1.4MHz

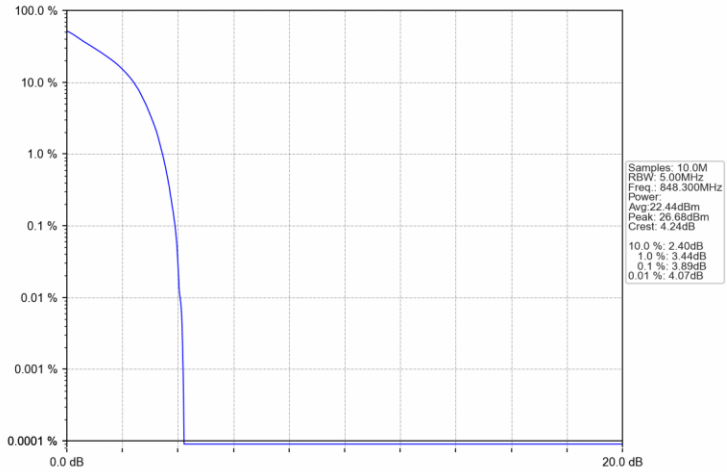
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



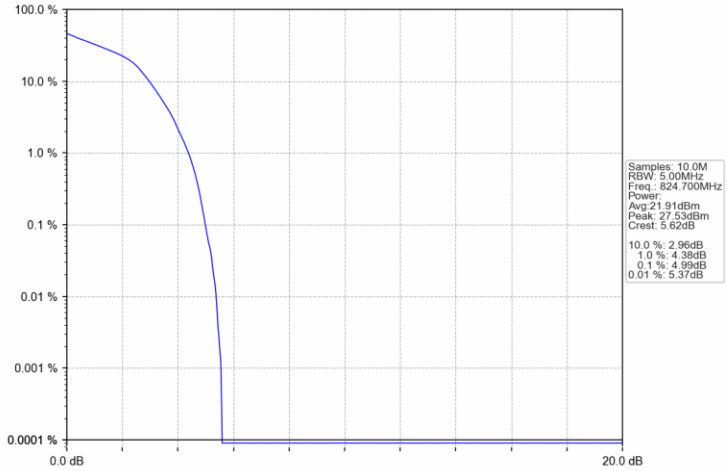
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



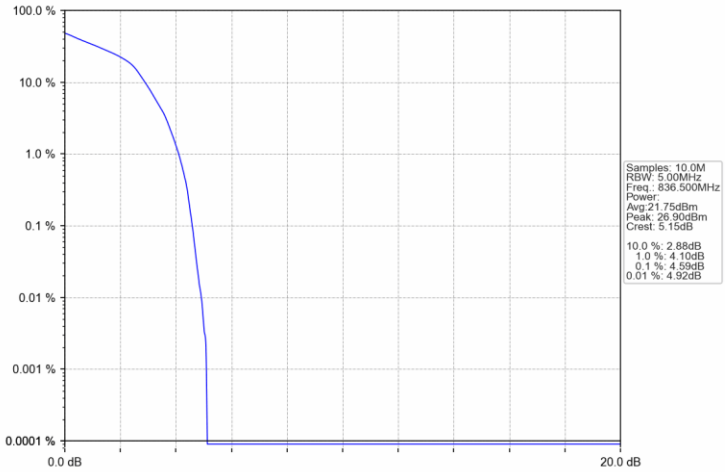
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



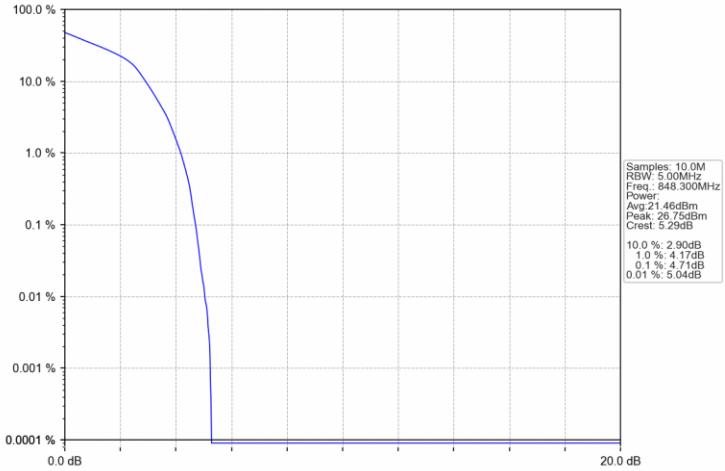
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



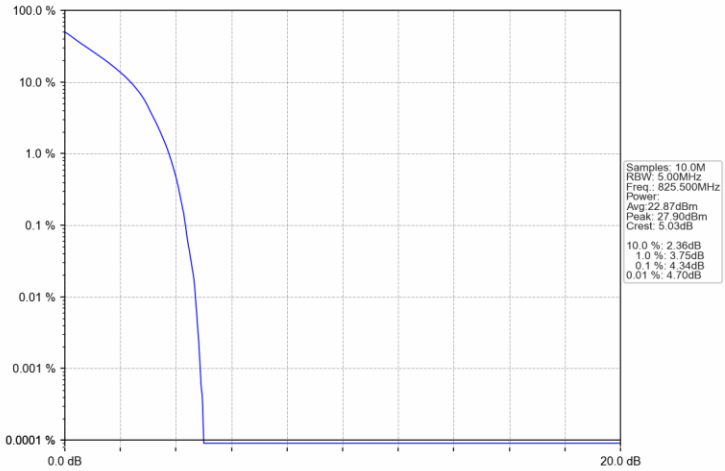
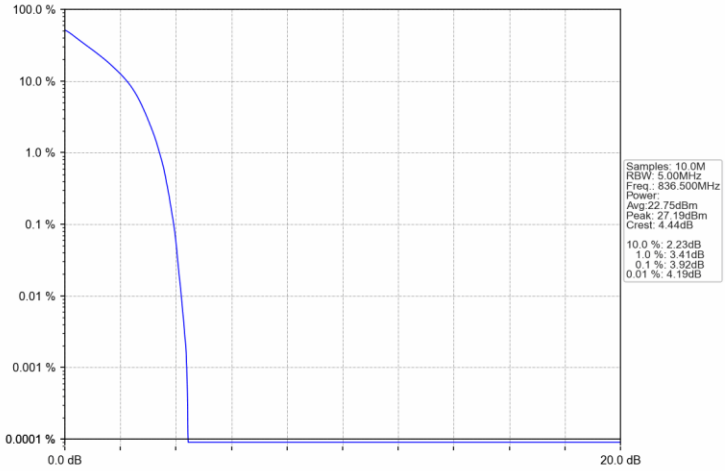
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



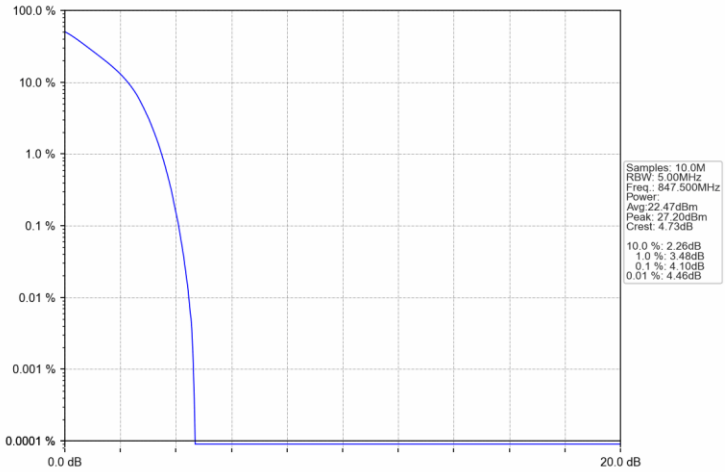
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



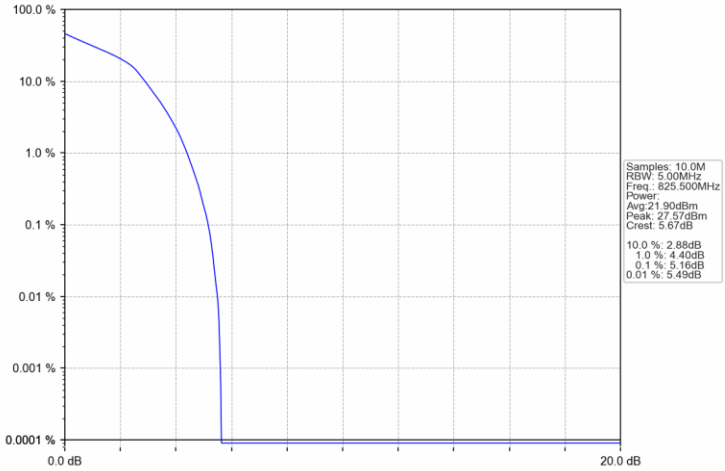
5.2.2 B26b_3MHz

Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV


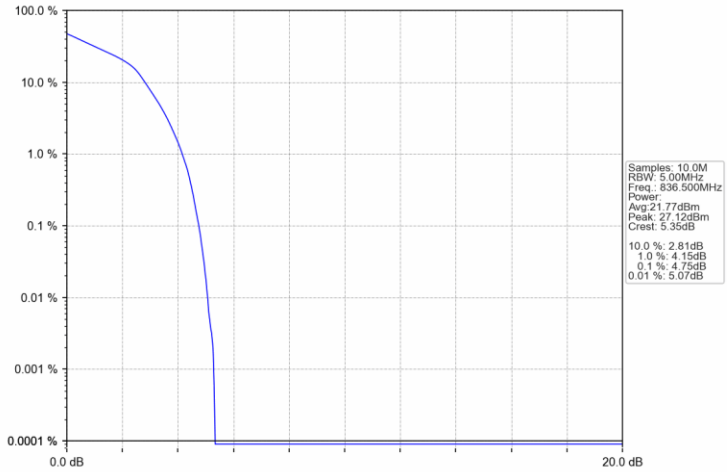
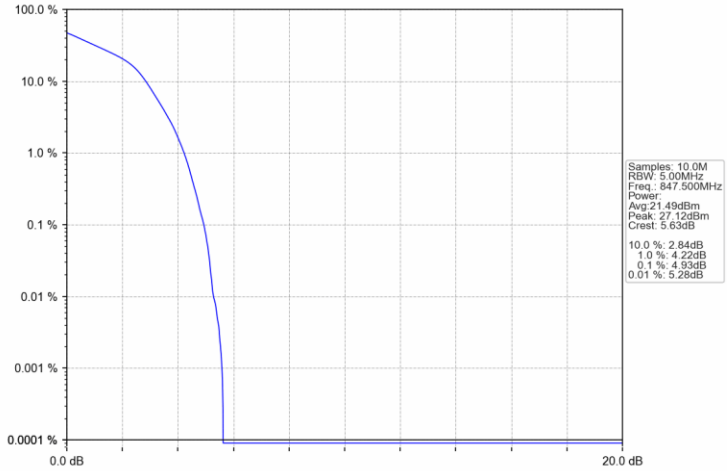
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV