

Appendix RF test data for LTE_band_26

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26_1.4MHz_ERP

Band: 26 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	23.49	1.90	23.24	<=50	Pass
			2	23.50	1.90	23.25	<=50	Pass
			5	23.52	1.90	23.27	<=50	Pass
		3	0	23.59	1.90	23.34	<=50	Pass
			2	23.61	1.90	23.36	<=50	Pass
			3	23.58	1.90	23.33	<=50	Pass
		6	0	22.60	1.90	22.35	<=50	Pass
	831.5	1	0	23.54	1.90	23.29	/	Pass
			2	23.54	1.90	23.29	/	Pass
			5	23.57	1.90	23.32	/	Pass
		3	0	23.68	1.90	23.43	/	Pass
			2	23.64	1.90	23.39	/	Pass
			3	23.62	1.90	23.37	/	Pass
		6	0	22.62	1.90	22.37	/	Pass
	848.3	1	0	23.51	1.90	23.26	/	Pass
			2	23.50	1.90	23.25	/	Pass
			5	23.53	1.90	23.28	/	Pass
		3	0	23.57	1.90	23.32	/	Pass
			2	23.53	1.90	23.28	/	Pass
			3	23.56	1.90	23.31	/	Pass
		6	0	22.51	1.90	22.26	/	Pass
16QAM	814.7	1	0	22.76	1.90	22.51	<=50	Pass
			2	22.76	1.90	22.51	<=50	Pass
			5	22.75	1.90	22.50	<=50	Pass
		3	0	22.54	1.90	22.29	<=50	Pass
			2	22.54	1.90	22.29	<=50	Pass
			3	22.54	1.90	22.29	<=50	Pass
		6	0	21.61	1.90	21.36	<=50	Pass
	831.5	1	0	22.66	1.90	22.41	/	Pass
			2	22.65	1.90	22.40	/	Pass
			5	22.64	1.90	22.39	/	Pass
		3	0	22.80	1.90	22.55	/	Pass
			2	22.78	1.90	22.53	/	Pass
			3	22.80	1.90	22.55	/	Pass
		6	0	21.60	1.90	21.35	/	Pass
	848.3	1	0	22.51	1.90	22.26	/	Pass
			2	22.54	1.90	22.29	/	Pass
			5	22.63	1.90	22.38	/	Pass
		3	0	22.55	1.90	22.30	/	Pass
			2	22.53	1.90	22.28	/	Pass
			3	22.53	1.90	22.28	/	Pass
		6	0	21.40	1.90	21.15	/	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B26_3MHz_ERP

Band: 26 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	815.5	1	0	23.52	1.90	23.27	<=50	Pass
			7	23.54	1.90	23.29	<=50	Pass
			14	23.51	1.90	23.26	<=50	Pass
		8	0	22.60	1.90	22.35	<=50	Pass
			4	22.60	1.90	22.35	<=50	Pass
			7	22.58	1.90	22.33	<=50	Pass
		15	0	22.61	1.90	22.36	<=50	Pass
	831.5	1	0	23.70	1.90	23.45	/	Pass
			7	23.68	1.90	23.43	/	Pass
			14	23.59	1.90	23.34	/	Pass
		8	0	22.62	1.90	22.37	/	Pass
			4	22.59	1.90	22.34	/	Pass
			7	22.59	1.90	22.34	/	Pass
		15	0	22.63	1.90	22.38	/	Pass
	847.5	1	0	23.50	1.90	23.25	/	Pass
			7	23.53	1.90	23.28	/	Pass
			14	23.57	1.90	23.32	/	Pass
		8	0	22.50	1.90	22.25	/	Pass
			4	22.50	1.90	22.25	/	Pass
			7	22.49	1.90	22.24	/	Pass
		15	0	22.50	1.90	22.25	/	Pass
16QAM	815.5	1	0	22.79	1.90	22.54	<=50	Pass
			7	22.77	1.90	22.52	<=50	Pass
			14	22.75	1.90	22.50	<=50	Pass
		8	0	21.57	1.90	21.32	<=50	Pass
			4	21.59	1.90	21.34	<=50	Pass
			7	21.55	1.90	21.30	<=50	Pass
		15	0	21.57	1.90	21.32	<=50	Pass
	831.5	1	0	23.20	1.90	22.95	/	Pass
			7	23.17	1.90	22.92	/	Pass
			14	23.07	1.90	22.82	/	Pass
		8	0	21.82	1.90	21.57	/	Pass
			4	21.79	1.90	21.54	/	Pass
			7	21.78	1.90	21.53	/	Pass
		15	0	21.69	1.90	21.44	/	Pass
	847.5	1	0	22.55	1.90	22.30	/	Pass
			7	22.60	1.90	22.35	/	Pass
			14	22.64	1.90	22.39	/	Pass
		8	0	21.56	1.90	21.31	/	Pass
			4	21.53	1.90	21.28	/	Pass
			7	21.54	1.90	21.29	/	Pass
		15	0	21.54	1.90	21.29	/	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B26_5MHz_ERP

Band: 26 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	23.64	1.90	23.39	<=50	Pass
			13	23.61	1.90	23.36	<=50	Pass
			24	23.66	1.90	23.41	<=50	Pass



	831.5	12	0	22.59	1.90	22.34	<=50	Pass
			6	22.53	1.90	22.28	<=50	Pass
			13	22.59	1.90	22.34	<=50	Pass
		25	0	22.55	1.90	22.30	<=50	Pass
		1	0	23.64	1.90	23.39	/	Pass
			13	23.59	1.90	23.34	/	Pass
			24	23.59	1.90	23.34	/	Pass
		12	0	22.63	1.90	22.38	/	Pass
			6	22.61	1.90	22.36	/	Pass
			13	22.57	1.90	22.32	/	Pass
		25	0	22.61	1.90	22.36	/	Pass
	846.5	1	0	23.75	1.90	23.50	/	Pass
			13	23.73	1.90	23.48	/	Pass
			24	23.72	1.90	23.47	/	Pass
		12	0	22.56	1.90	22.31	/	Pass
			6	22.46	1.90	22.21	/	Pass
			13	22.47	1.90	22.22	/	Pass
		25	0	22.47	1.90	22.22	/	Pass
16QAM	816.5	1	0	22.69	1.90	22.44	<=50	Pass
			13	22.66	1.90	22.41	<=50	Pass
			24	22.71	1.90	22.46	<=50	Pass
		12	0	21.56	1.90	21.31	<=50	Pass
			6	21.56	1.90	21.31	<=50	Pass
			13	21.59	1.90	21.34	<=50	Pass
		25	0	21.60	1.90	21.35	<=50	Pass
	831.5	1	0	22.91	1.90	22.66	/	Pass
			13	22.85	1.90	22.60	/	Pass
			24	22.83	1.90	22.58	/	Pass
		12	0	21.67	1.90	21.42	/	Pass
			6	21.62	1.90	21.37	/	Pass
			13	21.60	1.90	21.35	/	Pass
		25	0	21.61	1.90	21.36	/	Pass
	846.5	1	0	22.43	1.90	22.18	/	Pass
			13	22.39	1.90	22.14	/	Pass
			24	22.42	1.90	22.17	/	Pass
		12	0	21.56	1.90	21.31	/	Pass
			6	21.45	1.90	21.20	/	Pass
			13	21.43	1.90	21.18	/	Pass
		25	0	21.52	1.90	21.27	/	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26_10MHz_ERP

Band: 26 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	23.52	1.90	23.27	<=50	Pass
			25	23.59	1.90	23.34	<=50	Pass
			49	23.57	1.90	23.32	<=50	Pass
		25	0	22.59	1.90	22.34	<=50	Pass
			13	22.61	1.90	22.36	<=50	Pass
			25	22.63	1.90	22.38	<=50	Pass
		50	0	22.66	1.90	22.41	<=50	Pass
	831.5	1	0	23.69	1.90	23.44	/	Pass
			25	23.66	1.90	23.41	/	Pass
			49	23.59	1.90	23.34	/	Pass
		25	0	22.66	1.90	22.41	/	Pass
			13	22.59	1.90	22.34	/	Pass



	844	50	25	22.63	1.90	22.38	/	Pass
			0	22.66	1.90	22.41	/	Pass
		1	0	23.58	1.90	23.33	/	Pass
			25	23.58	1.90	23.33	/	Pass
			49	23.55	1.90	23.30	/	Pass
		25	0	22.61	1.90	22.36	/	Pass
			13	22.56	1.90	22.31	/	Pass
			25	22.50	1.90	22.25	/	Pass
		50	0	22.59	1.90	22.34	/	Pass
16QAM	819	1	0	22.72	1.90	22.47	<=50	Pass
			25	22.79	1.90	22.54	<=50	Pass
			49	22.77	1.90	22.52	<=50	Pass
		12	0	22.62	1.90	22.37	<=50	Pass
			19	22.62	1.90	22.37	<=50	Pass
			38	22.66	1.90	22.41	<=50	Pass
		27	0	21.64	1.90	21.39	<=50	Pass
	831.5	1	0	23.16	1.90	22.91	/	Pass
			25	23.13	1.90	22.88	/	Pass
			49	23.08	1.90	22.83	/	Pass
		12	0	22.70	1.90	22.45	/	Pass
			19	22.67	1.90	22.42	/	Pass
			38	22.71	1.90	22.46	/	Pass
		27	0	21.55	1.90	21.30	/	Pass
	844	1	0	22.55	1.90	22.30	/	Pass
			25	22.57	1.90	22.32	/	Pass
			49	22.53	1.90	22.28	/	Pass
		12	0	22.59	1.90	22.34	/	Pass
			19	22.57	1.90	22.32	/	Pass
			38	22.55	1.90	22.30	/	Pass
		27	23	21.52	1.90	21.27	/	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.5 B26_15MHz_ERP

Band: 26 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	821.5	1	0	23.45	1.90	23.20	<=50	Pass
			38	23.53	1.90	23.28	<=50	Pass
			74	23.52	1.90	23.27	<=50	Pass
		36	0	22.60	1.90	22.35	<=50	Pass
			18	22.56	1.90	22.31	<=50	Pass
			39	22.56	1.90	22.31	<=50	Pass
		75	0	22.59	1.90	22.34	<=50	Pass
	831.5	1	0	23.51	1.90	23.26	/	Pass
			38	23.57	1.90	23.32	/	Pass
			74	23.51	1.90	23.26	/	Pass
		36	0	22.60	1.90	22.35	/	Pass
			18	22.60	1.90	22.35	/	Pass
			39	22.58	1.90	22.33	/	Pass
		75	0	22.60	1.90	22.35	/	Pass
	841.5	1	0	23.49	1.90	23.24	/	Pass
			38	23.55	1.90	23.30	/	Pass
			74	23.43	1.90	23.18	/	Pass
		36	0	22.53	1.90	22.28	/	Pass
			18	22.49	1.90	22.24	/	Pass
			39	22.45	1.90	22.20	/	Pass
		75	0	22.54	1.90	22.29	/	Pass



16QAM	821.5	1	0	22.82	1.90	22.57	<=50	Pass
			38	22.95	1.90	22.70	<=50	Pass
			74	22.95	1.90	22.70	<=50	Pass
		12	0	22.48	1.90	22.23	<=50	Pass
			31	22.57	1.90	22.32	<=50	Pass
			63	22.60	1.90	22.35	<=50	Pass
		27	0	21.55	1.90	21.30	<=50	Pass
	831.5	1	0	22.72	1.90	22.47	/	Pass
			38	22.76	1.90	22.51	/	Pass
			74	22.67	1.90	22.42	/	Pass
		12	0	22.59	1.90	22.34	/	Pass
			31	22.61	1.90	22.36	/	Pass
			63	22.58	1.90	22.33	/	Pass
		27	0	21.60	1.90	21.35	/	Pass
	841.5	1	0	23.02	1.90	22.77	/	Pass
			38	23.05	1.90	22.80	/	Pass
			74	22.94	1.90	22.69	/	Pass
		12	0	22.56	1.90	22.31	/	Pass
			31	22.58	1.90	22.33	/	Pass
			63	22.49	1.90	22.24	/	Pass
		27	48	21.44	1.90	21.19	/	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B26_1.4MHz

Band: 26 / 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	814.7	6	0	20	3.27	1.431	0.0018	-2.5 to 2.5	Pass
					3.85	9.427	0.0116	-2.5 to 2.5	Pass
					4.43	1.459	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	3.147	0.0039	-2.5 to 2.5	Pass
				-10	3.85	2.532	0.0031	-2.5 to 2.5	Pass
				0	3.85	1.831	0.0022	-2.5 to 2.5	Pass
				10	3.85	1.431	0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				40	3.85	1.459	0.0018	-2.5 to 2.5	Pass
				50	3.85	0.300	0.0004	-2.5 to 2.5	Pass
	831.5	6	0	20	3.27	-2.131	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.418	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0002	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-2.089	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0028	-2.5 to 2.5	Pass



					4.43	-2.317	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	2.046	0.0025	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.861	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.334	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-1.431	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0043	-2.5 to 2.5	Pass
				30	3.85	0.873	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0022	-2.5 to 2.5	Pass
	831.5	6	0	20	3.27	2.532	0.0030	-2.5 to 2.5	Pass
					3.85	2.174	0.0026	-2.5 to 2.5	Pass
					4.43	1.702	0.0020	-2.5 to 2.5	Pass
				-30	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.960	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
				10	3.85	3.548	0.0043	-2.5 to 2.5	Pass
				30	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.443	0.0005	-2.5 to 2.5	Pass
					3.85	0.744	0.0009	-2.5 to 2.5	Pass
					4.43	-0.372	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-2.389	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass

2.1.2 B26_3MHz

Band: 26 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.27	-0.286	-0.0004	-2.5 to 2.5	Pass
					3.85	0.057	0.0001	-2.5 to 2.5	Pass
					4.43	1.273	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0030	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.246	0.0028	-2.5 to 2.5	Pass
				30	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				40	3.85	3.462	0.0042	-2.5 to 2.5	Pass



	831.5	15	0	50	3.85	1.016	0.0012	-2.5 to 2.5	Pass
				20	3.27	1.903	0.0023	-2.5 to 2.5	Pass
					3.85	0.815	0.0010	-2.5 to 2.5	Pass
					4.43	-0.057	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.845	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	1.860	0.0022	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0035	-2.5 to 2.5	Pass
				30	3.85	0.629	0.0008	-2.5 to 2.5	Pass
	847.5	15	0	40	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				50	3.85	2.503	0.0030	-2.5 to 2.5	Pass
				20	3.27	2.761	0.0033	-2.5 to 2.5	Pass
					3.85	1.459	0.0017	-2.5 to 2.5	Pass
					4.43	0.315	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0011	-2.5 to 2.5	Pass
16QAM	815.5	15	0	30	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.402	0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
				20	3.27	0.615	0.0008	-2.5 to 2.5	Pass
					3.85	0.243	0.0003	-2.5 to 2.5	Pass
					4.43	1.459	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0020	-2.5 to 2.5	Pass
				0	3.85	1.001	0.0012	-2.5 to 2.5	Pass
	831.5	15	0	10	3.85	0.787	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-1.659	-0.0020	-2.5 to 2.5	Pass
					3.85	0.272	0.0003	-2.5 to 2.5	Pass
					4.43	1.302	0.0016	-2.5 to 2.5	Pass
				-30	3.85	1.073	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.622	0.0068	-2.5 to 2.5	Pass
	847.5	15	0	0	3.85	1.130	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.046	0.0025	-2.5 to 2.5	Pass
				30	3.85	1.216	0.0015	-2.5 to 2.5	Pass
				40	3.85	4.578	0.0055	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-0.572	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0032	-2.5 to 2.5	Pass
					4.43	-0.544	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.488	0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0017	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0012	-2.5 to 2.5	Pass
				40	3.85	3.104	0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0035	-2.5 to 2.5	Pass

**2.1.3 B26_5MHz**

Band: 26 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.27	0.401	0.0005	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
					4.43	0.644	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.861	0.0035	-2.5 to 2.5	Pass
				-20	3.85	2.189	0.0027	-2.5 to 2.5	Pass
				-10	3.85	-1.445	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.730	0.0009	-2.5 to 2.5	Pass
	831.5	25	0	20	3.27	-0.343	-0.0004	-2.5 to 2.5	Pass
					3.85	0.501	0.0006	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.788	0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				10	3.85	4.334	0.0052	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.257	0.0003	-2.5 to 2.5	Pass
					3.85	-0.958	-0.0011	-2.5 to 2.5	Pass
					4.43	1.874	0.0022	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0006	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.27	2.303	0.0028	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0044	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.117	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	1.302	0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0013	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0019	-2.5 to 2.5	Pass
	831.5	25	0	20	3.27	1.059	0.0013	-2.5 to 2.5	Pass
					3.85	2.861	0.0034	-2.5 to 2.5	Pass
					4.43	3.619	0.0044	-2.5 to 2.5	Pass
				-30	3.85	2.275	0.0027	-2.5 to 2.5	Pass
				-20	3.85	3.705	0.0045	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.515	0.0006	-2.5 to 2.5	Pass



	846.5	25	0	20	3.27	-5.593	-0.0066	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-4.106	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-2.389	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0044	-2.5 to 2.5	Pass

2.1.4 B26_10MHz

Band: 26 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.27	-1.516	-0.0019	-2.5 to 2.5	Pass
					3.85	0.243	0.0003	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.860	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.117	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
	831.5	50	0	20	3.27	-0.715	-0.0009	-2.5 to 2.5	Pass
					3.85	0.458	0.0006	-2.5 to 2.5	Pass
					4.43	-1.860	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.659	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0014	-2.5 to 2.5	Pass
16QAM	819	27	0	20	3.27	-2.146	-0.0026	-2.5 to 2.5	Pass
					3.85	0.257	0.0003	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-3.347	-0.0041	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0005	-2.5 to 2.5	Pass



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	831.5	27	0	30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				20	3.27	1.531	0.0018	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.787	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.116	-0.0013	-2.5 to 2.5	Pass
				30	3.85	2.189	0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-1.087	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0027	-2.5 to 2.5	Pass
					4.43	-2.031	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.774	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0029	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.544	0.0006	-2.5 to 2.5	Pass
				40	3.85	2.146	0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass

2.1.5 B26_15MHz

Band: 26 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	821.5	75	0	20	3.27	-2.332	-0.0028	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.532	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-1.945	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-1.745	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-0.401	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.416	0.0017	-2.5 to 2.5	Pass
				-20	3.85	2.317	0.0028	-2.5 to 2.5	Pass



Band: 26 / Bandwidth: 3MHz / NTNV



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Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	15	0	Refer To Test Graph		Pass
16QAM	831.5	15	0	Refer To Test Graph		Pass

3.1.3 B26_5MHz

Band: 26 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	25	0	Refer To Test Graph		Pass
16QAM	831.5	25	0	Refer To Test Graph		Pass

3.1.4 B26_10MHz

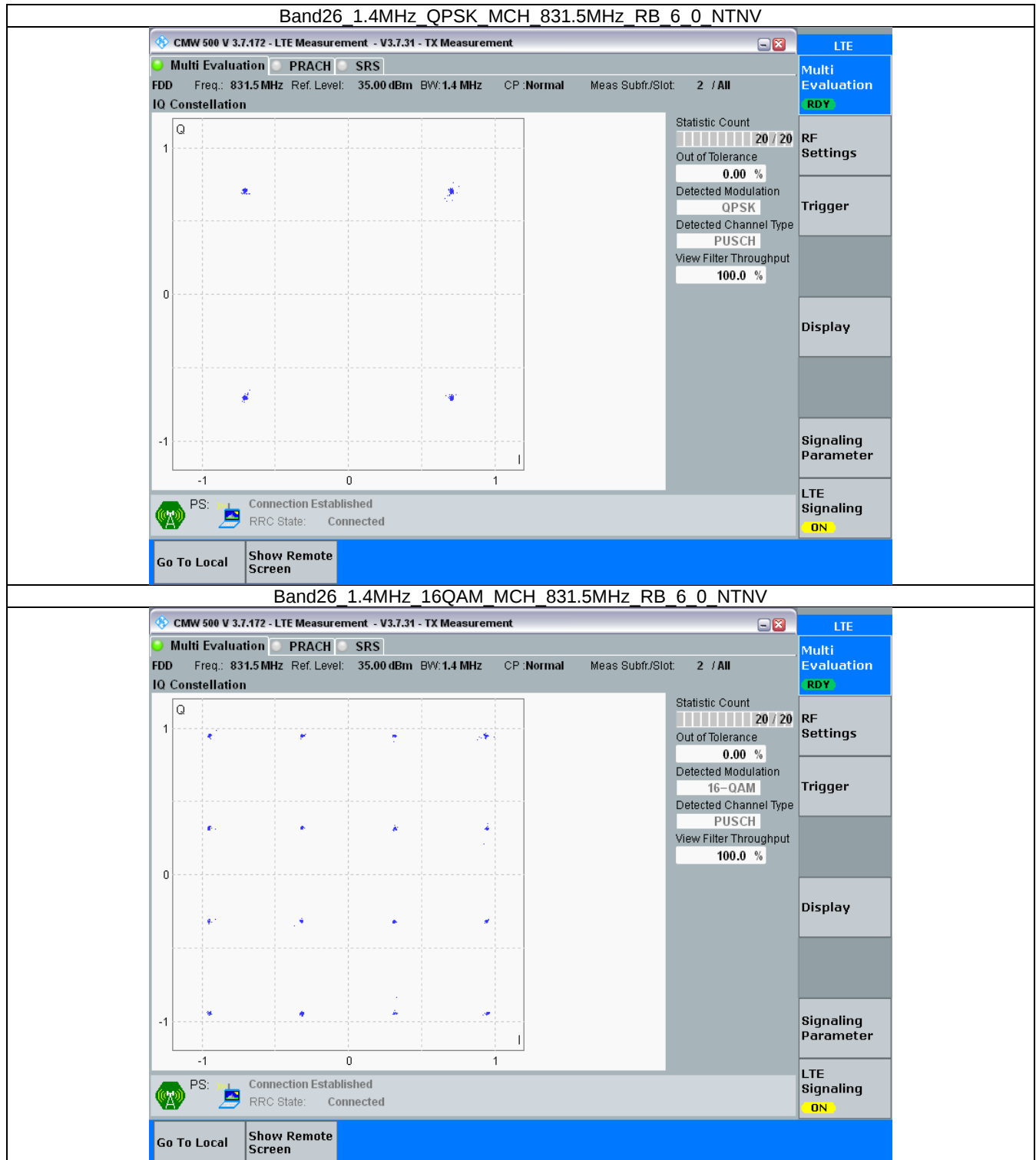
Band: 26 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	50	0	Refer To Test Graph		Pass
16QAM	831.5	27	0	Refer To Test Graph		Pass

3.1.5 B26_15MHz

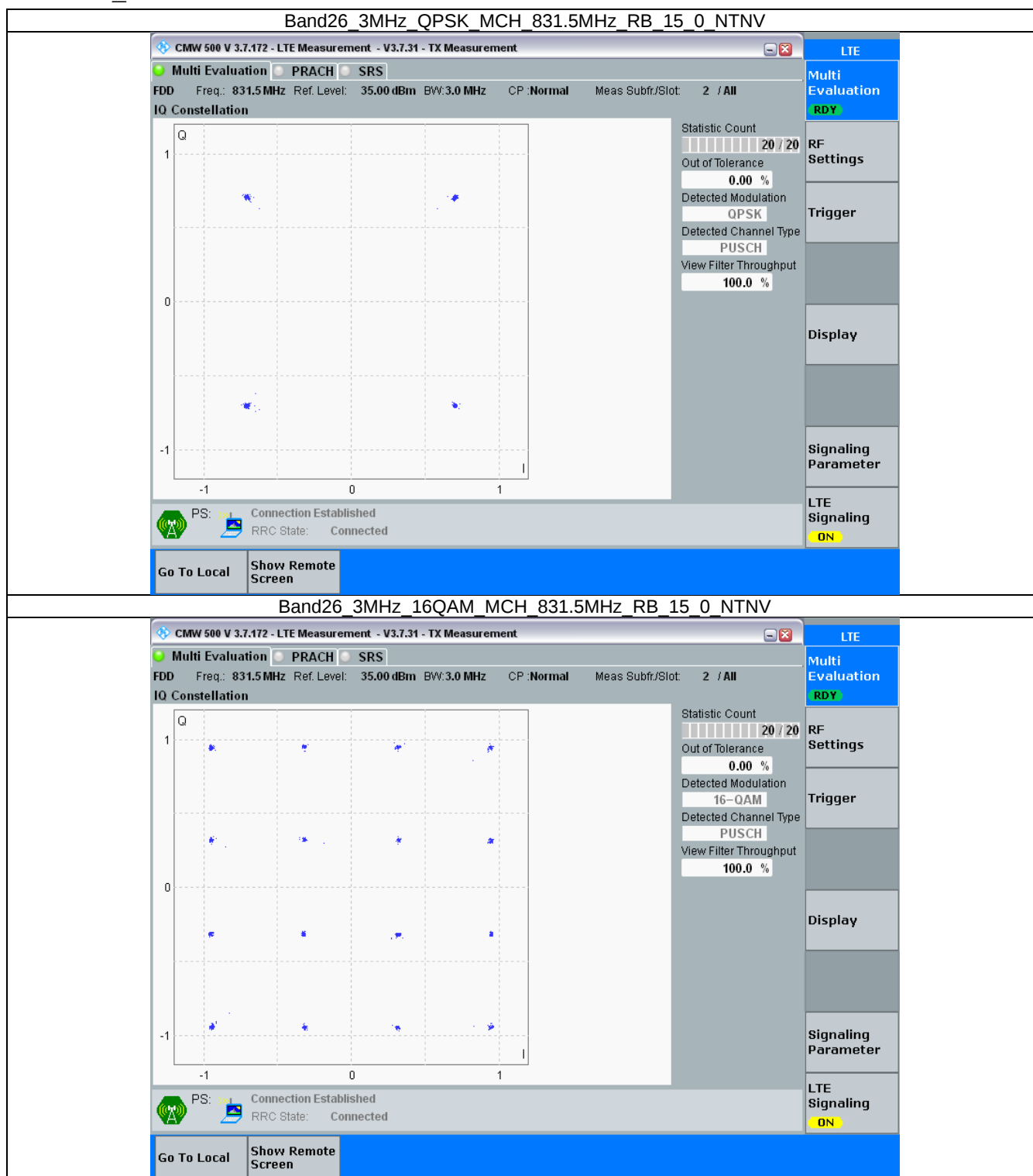
Band: 26 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	Refer To Test Graph		Pass
16QAM	831.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

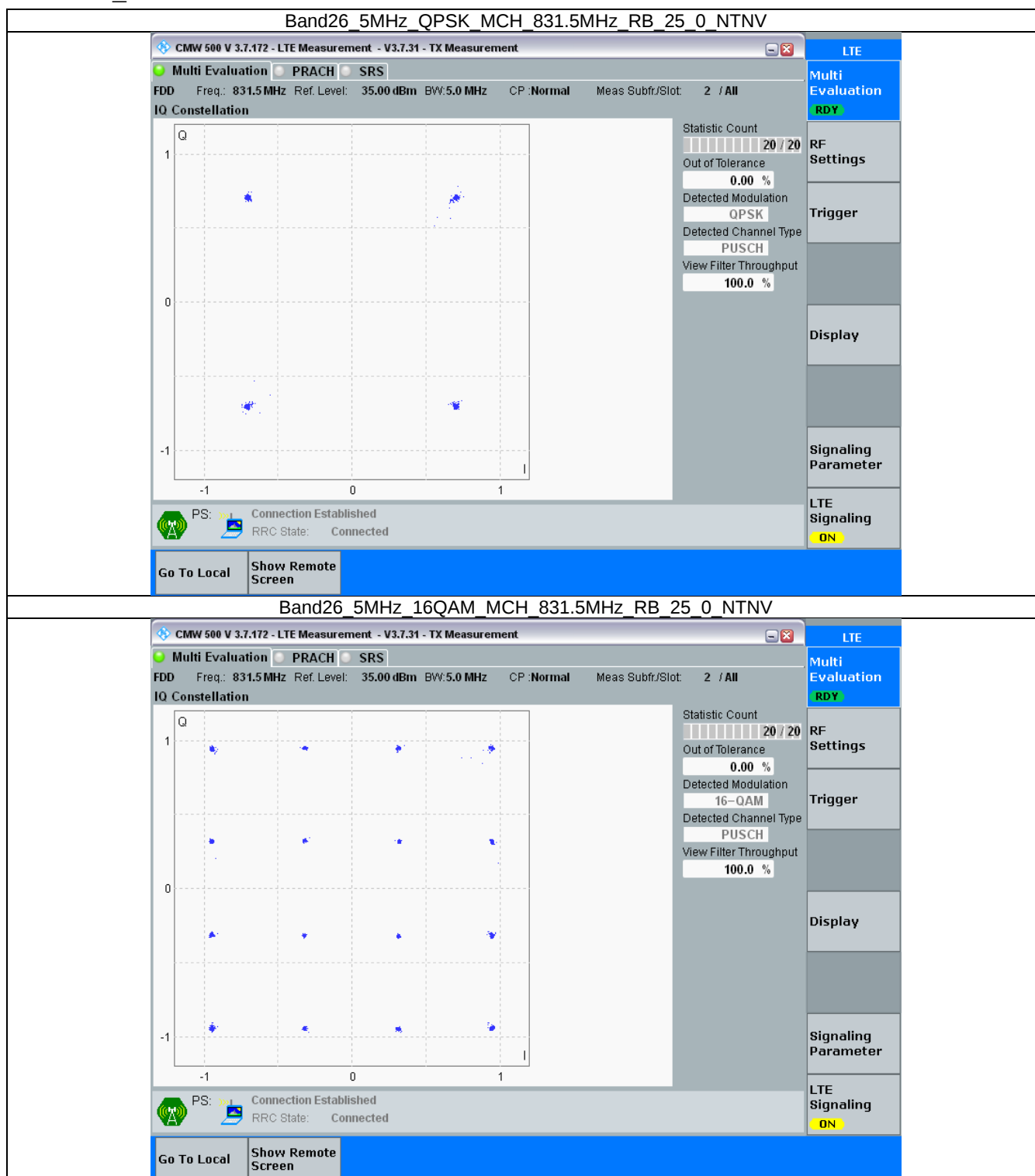
3.2.1 B26_1.4MHz



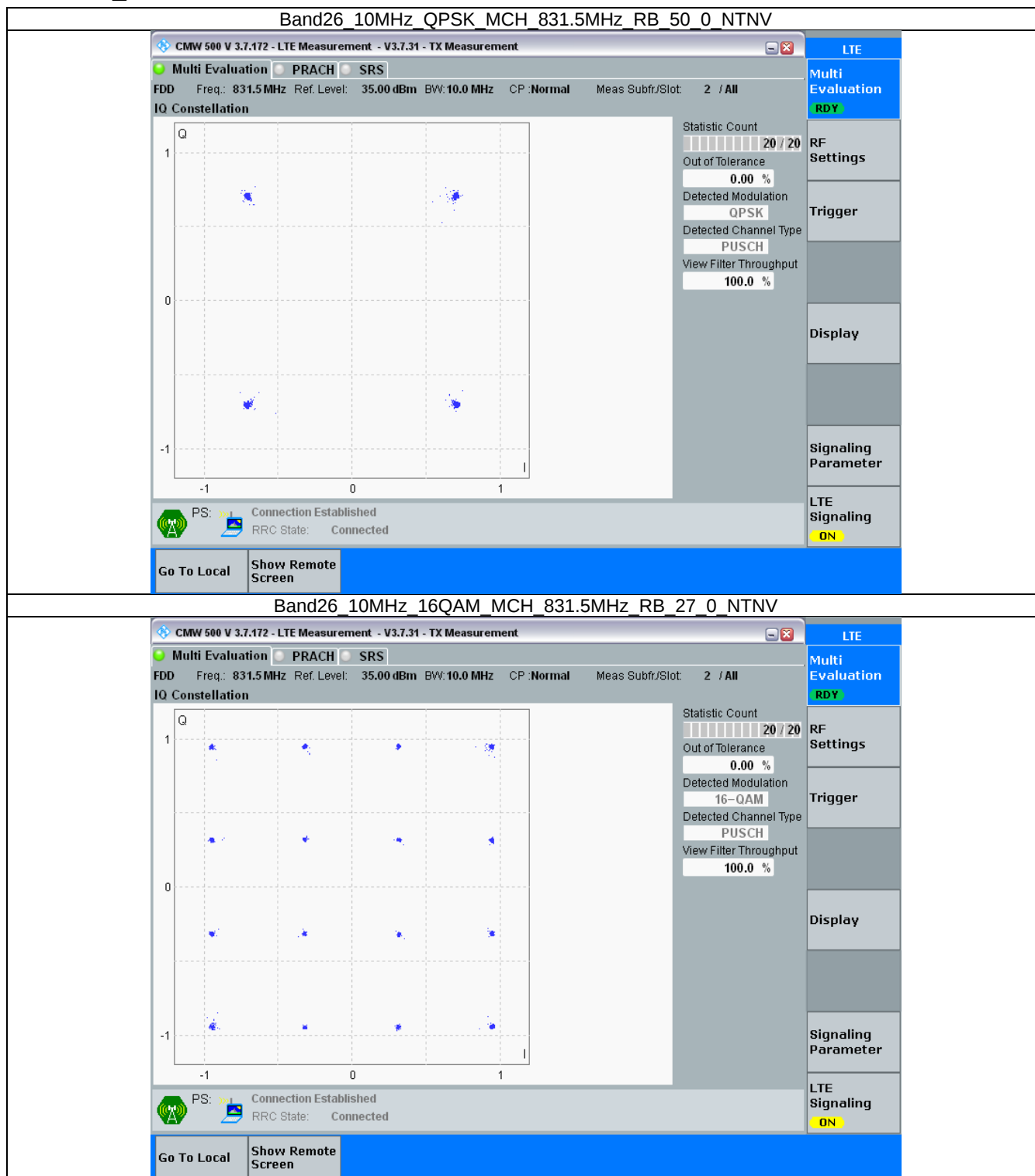
3.2.2 B26_3MHz



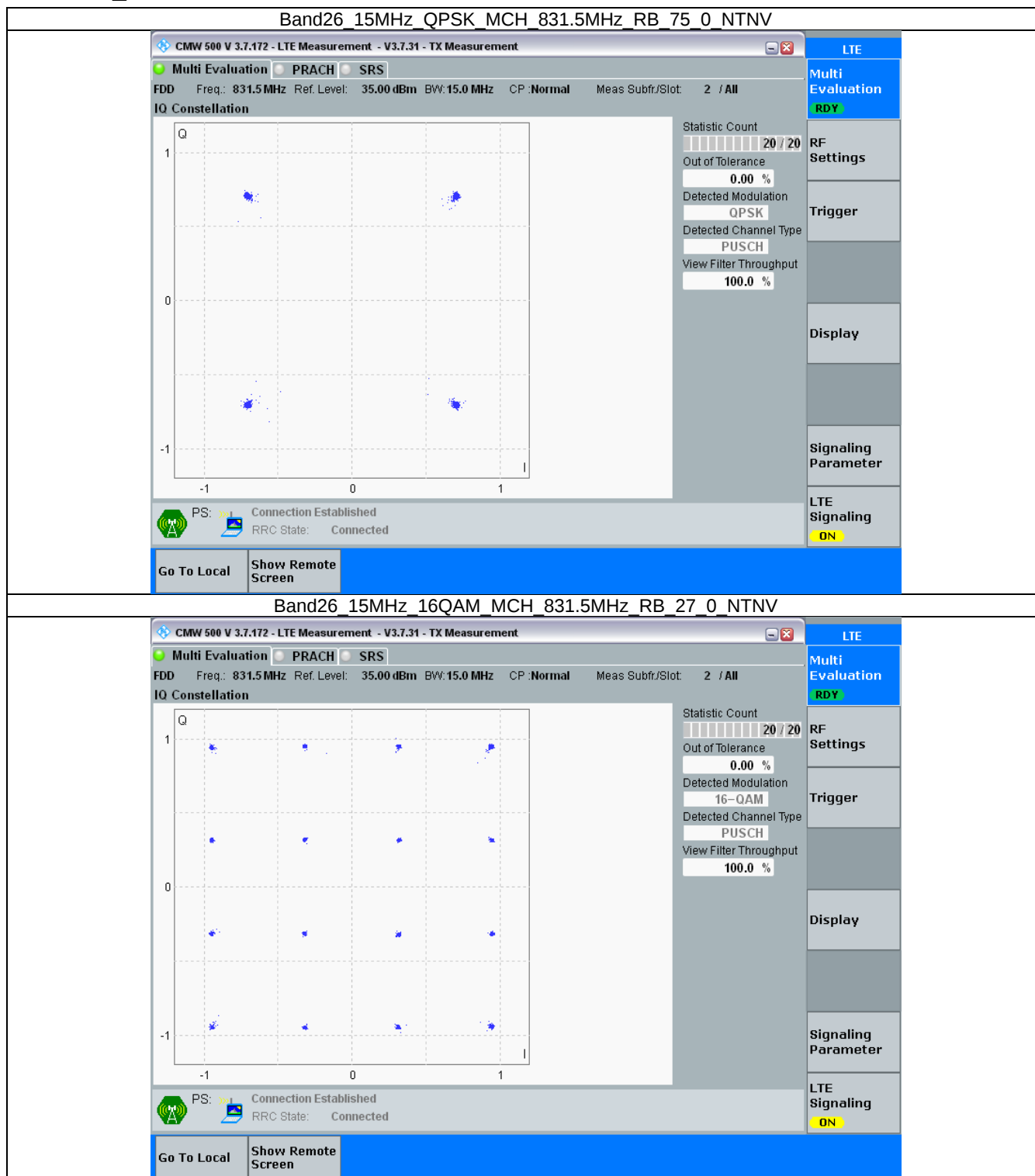
3.2.3 B26_5MHz



3.2.4 B26_10MHz



3.2.5 B26_15MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26_OBW

Band: 26 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.123	/	Pass
		831.5	6	0	1.110	/	Pass
		848.3	6	0	1.112	/	Pass
	16QAM	814.7	6	0	1.105	/	Pass
		831.5	6	0	1.113	/	Pass
		848.3	6	0	1.116	/	Pass
3	QPSK	815.5	15	0	2.733	/	Pass
		831.5	15	0	2.732	/	Pass
		847.5	15	0	2.734	/	Pass
	16QAM	815.5	15	0	2.730	/	Pass
		831.5	15	0	2.724	/	Pass
		847.5	15	0	2.728	/	Pass
5	QPSK	816.5	25	0	4.539	/	Pass
		831.5	25	0	4.556	/	Pass
		846.5	25	0	4.547	/	Pass
	16QAM	816.5	25	0	4.553	/	Pass
		831.5	25	0	4.539	/	Pass
		846.5	25	0	4.550	/	Pass
10	QPSK	819	50	0	9.066	/	Pass
		831.5	50	0	9.028	/	Pass
		844	50	0	9.063	/	Pass
	16QAM	819	27	0	5.078	/	Pass
		831.5	27	0	5.091	/	Pass
		844	27	23	5.102	/	Pass
15	QPSK	821.5	75	0	13.564	/	Pass
		831.5	75	0	13.575	/	Pass
		841.5	75	0	13.584	/	Pass
	16QAM	821.5	27	0	5.311	/	Pass
		831.5	27	0	5.302	/	Pass
		841.5	27	48	5.286	/	Pass

4.1.2 Band26_XDB

Band: 26 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.326	/	Pass
		831.5	6	0	1.327	/	Pass
		848.3	6	0	1.331	/	Pass
	16QAM	814.7	6	0	1.336	/	Pass
		831.5	6	0	1.311	/	Pass
		848.3	6	0	1.358	/	Pass
3	QPSK	815.5	15	0	3.001	/	Pass
		831.5	15	0	3.035	/	Pass
		847.5	15	0	3.017	/	Pass



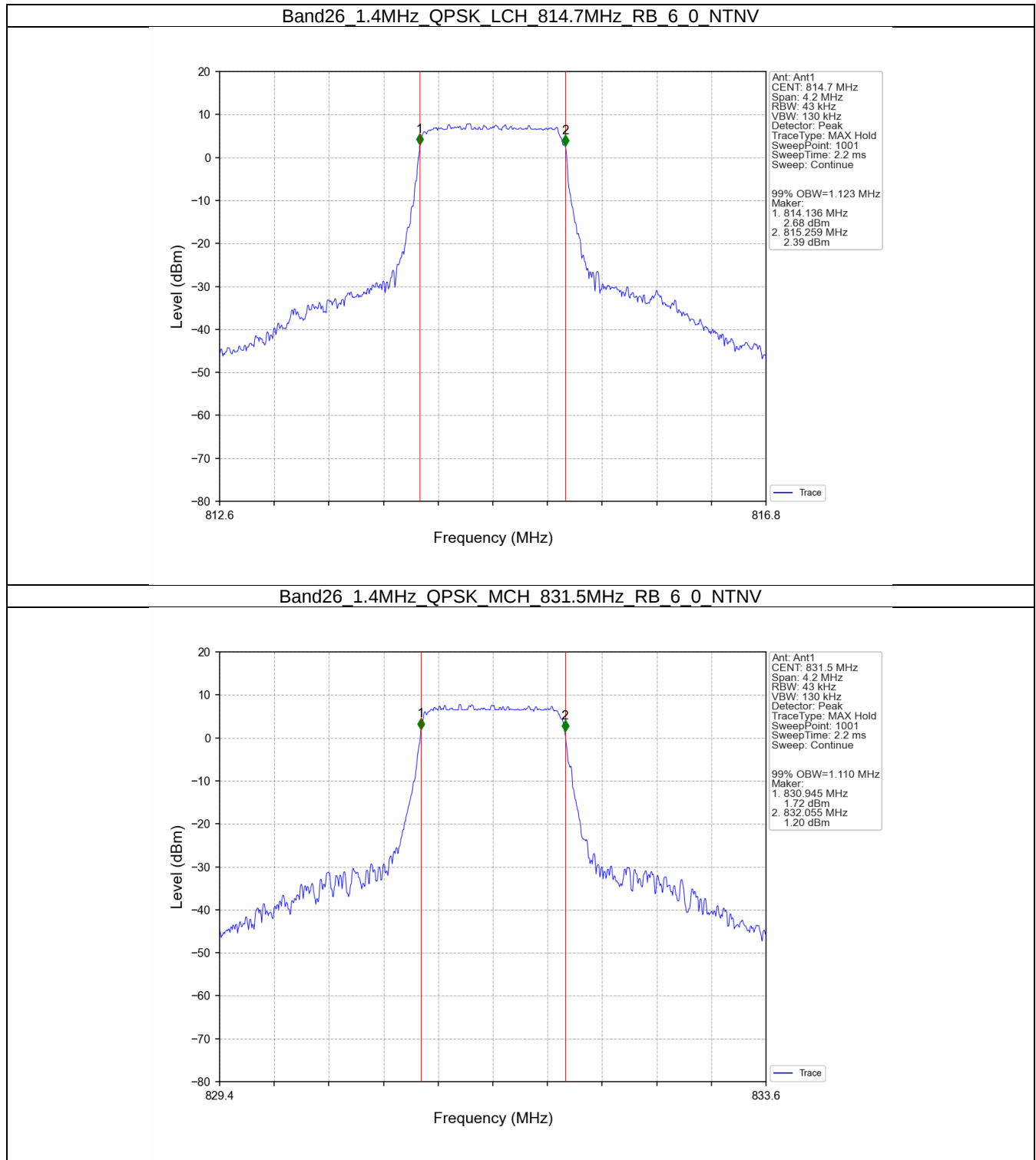
	16QAM	815.5	15	0	3.005	/	Pass
		831.5	15	0	3.012	/	Pass
		847.5	15	0	3.024	/	Pass
5	QPSK	816.5	25	0	5.041	/	Pass
		831.5	25	0	5.048	/	Pass
		846.5	25	0	5.063	/	Pass
	16QAM	816.5	25	0	5.035	/	Pass
		831.5	25	0	5.054	/	Pass
		846.5	25	0	5.069	/	Pass
10	QPSK	819	50	0	10.210	/	Pass
		831.5	50	0	9.933	/	Pass
		844	50	0	10.068	/	Pass
	16QAM	819	27	0	6.058	/	Pass
		831.5	27	0	6.063	/	Pass
		844	27	23	6.175	/	Pass
15	QPSK	821.5	75	0	14.947	/	Pass
		831.5	75	0	14.893	/	Pass
		841.5	75	0	14.991	/	Pass
	16QAM	821.5	27	0	6.513	/	Pass
		831.5	27	0	6.627	/	Pass
		841.5	27	48	6.578	/	Pass



4

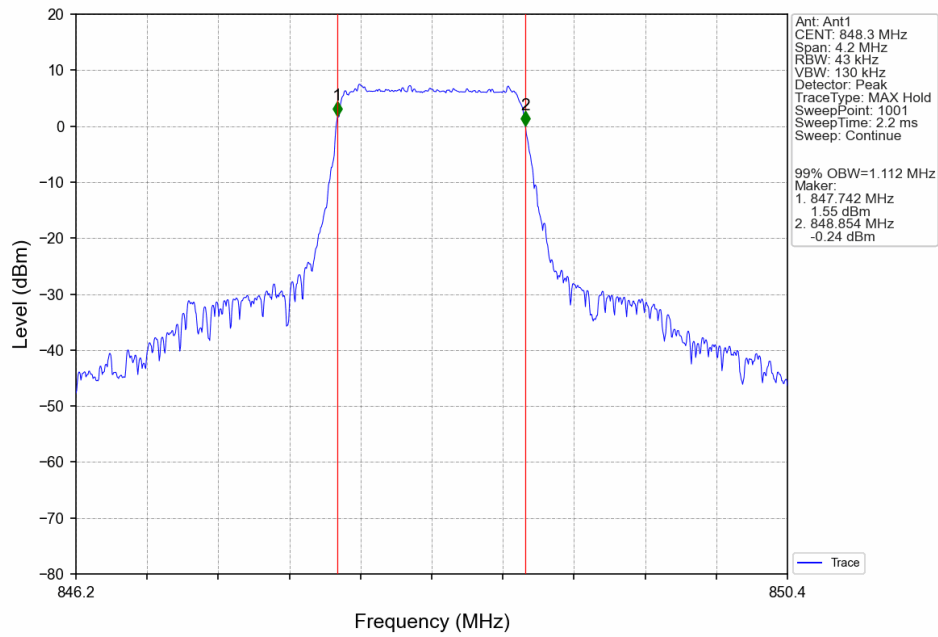
4.2 Test Graph

4.2.1 Band26_OBW

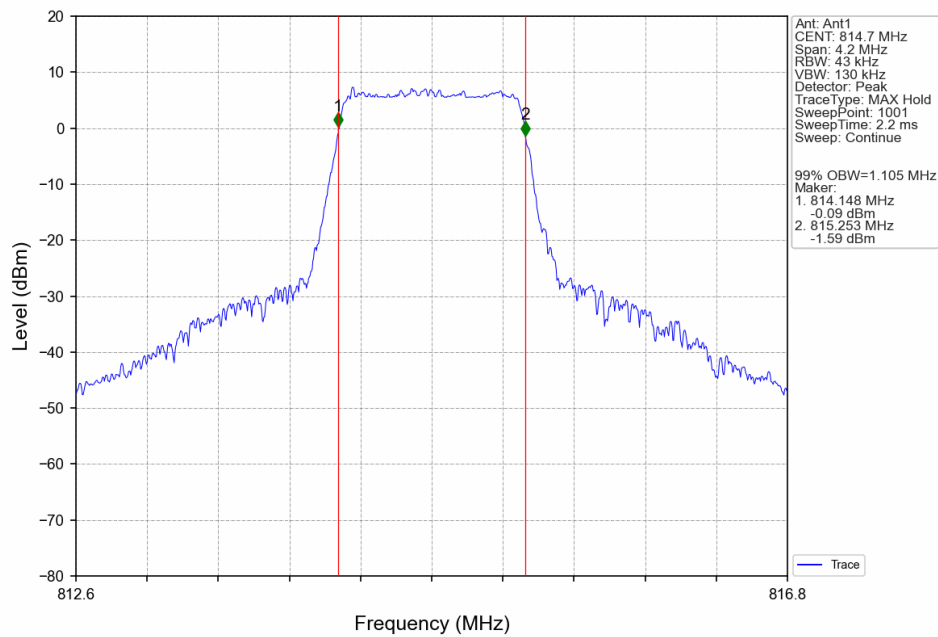




Band26_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

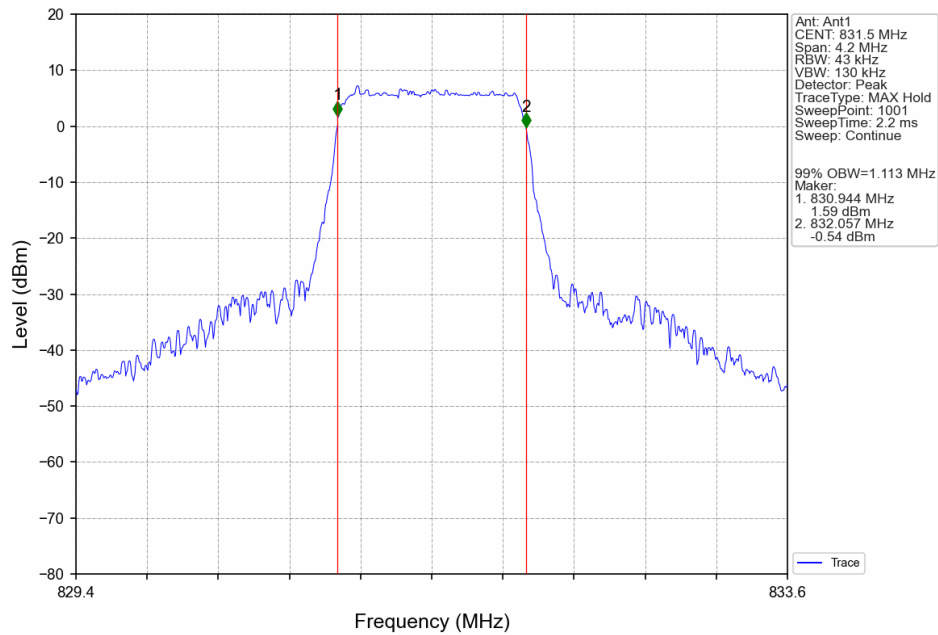


Band26_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

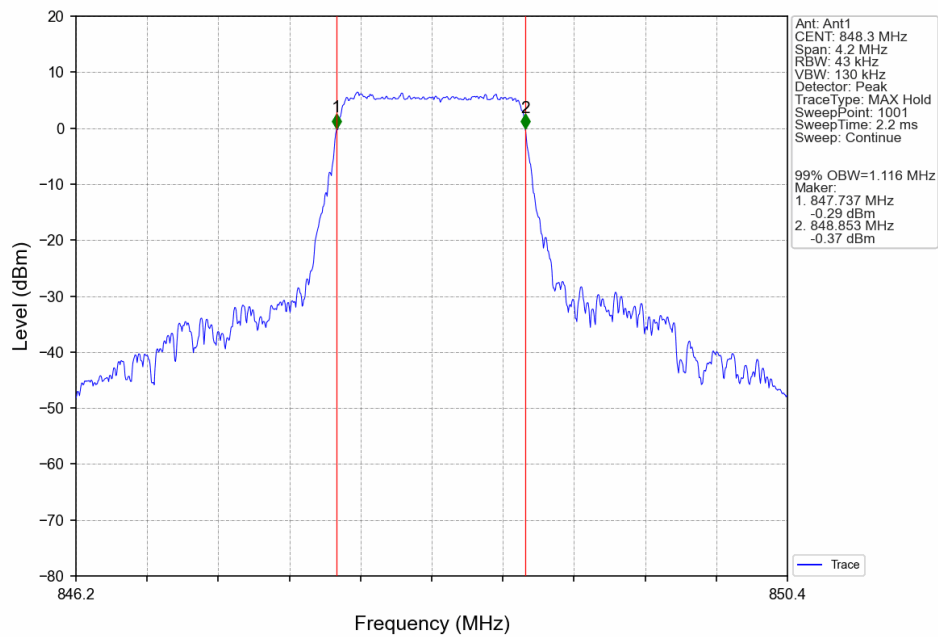




Band26 1.4MHz 16QAM MCH 831.5MHz RB 6 0 NTNV

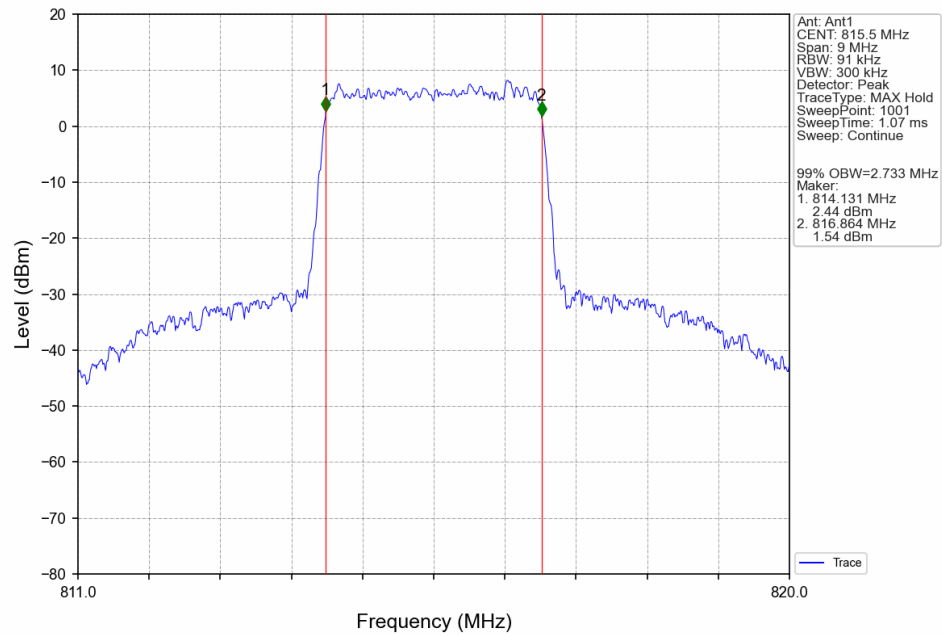


Band26 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

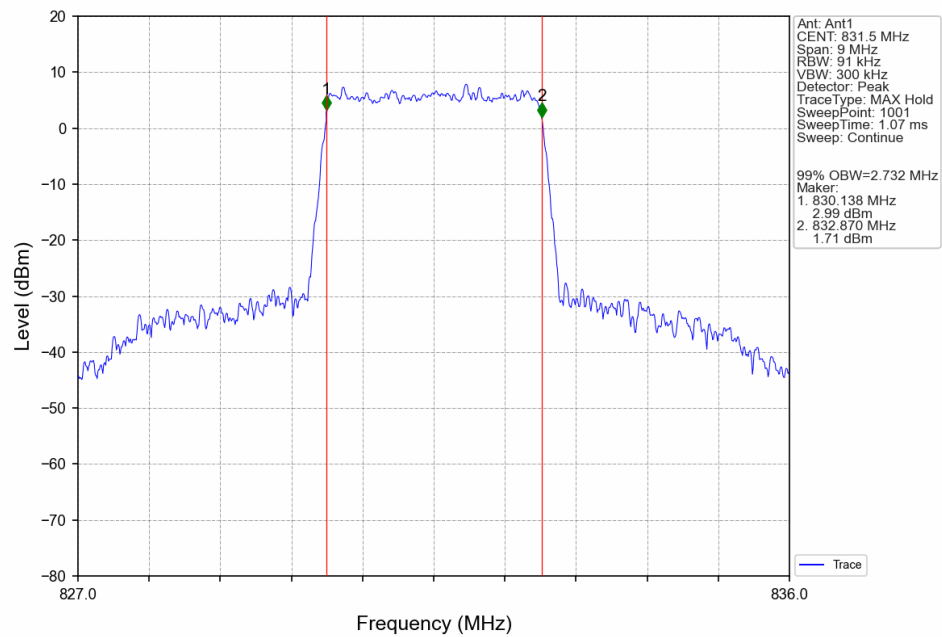




Band26_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

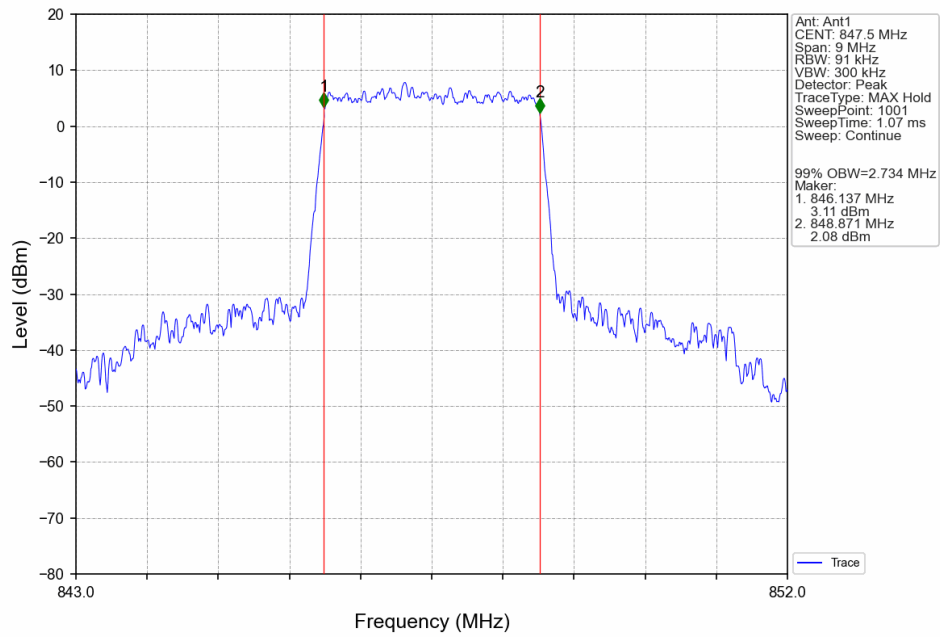


Band26_3MHz_QPSK_MCH_831.5MHz_RB_15_0_NTNV

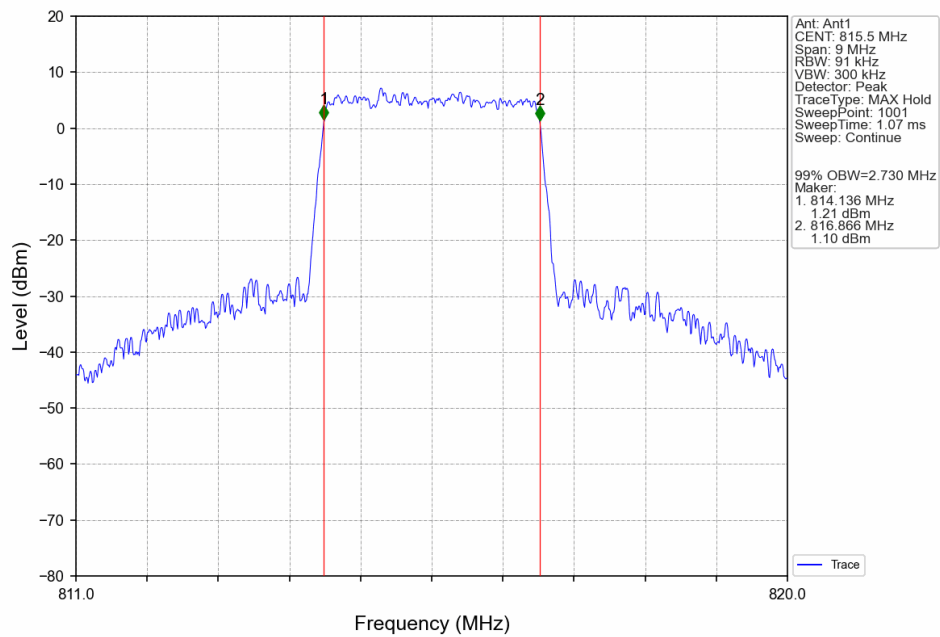




Band26_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

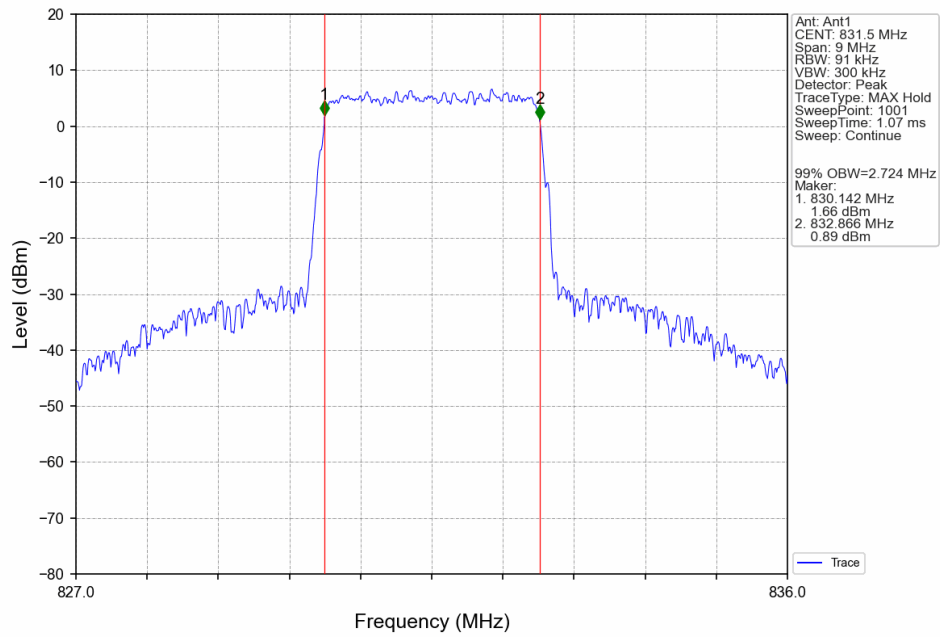


Band26_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

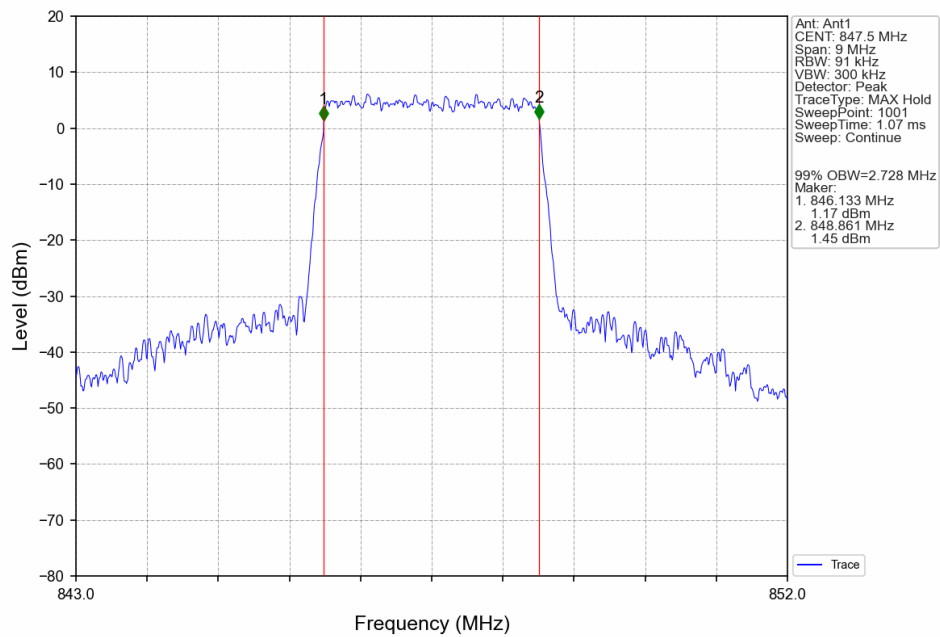




Band26_3MHz_16QAM_MCH_831.5MHz_RB_15_0_NTNV

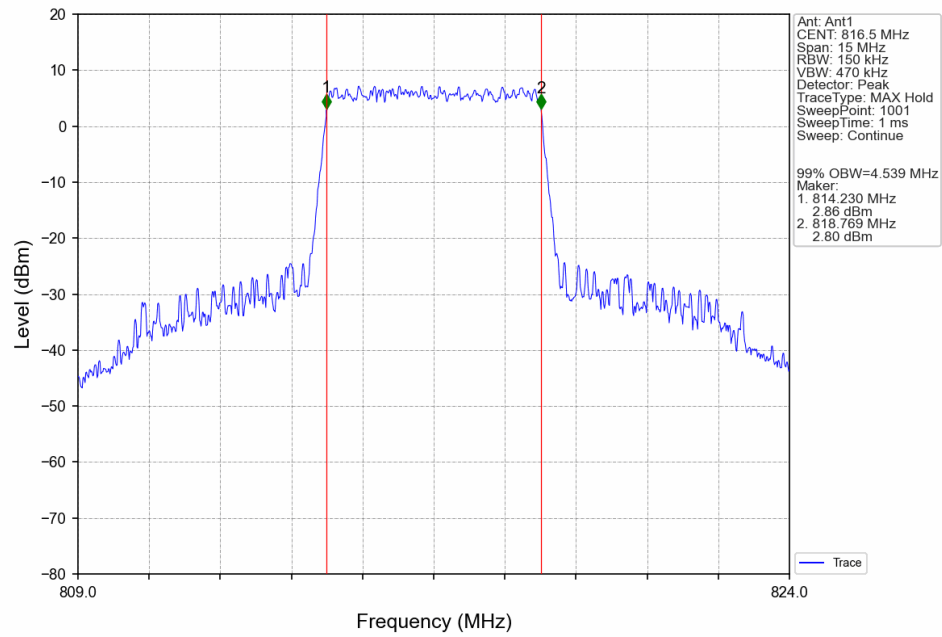


Band26_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

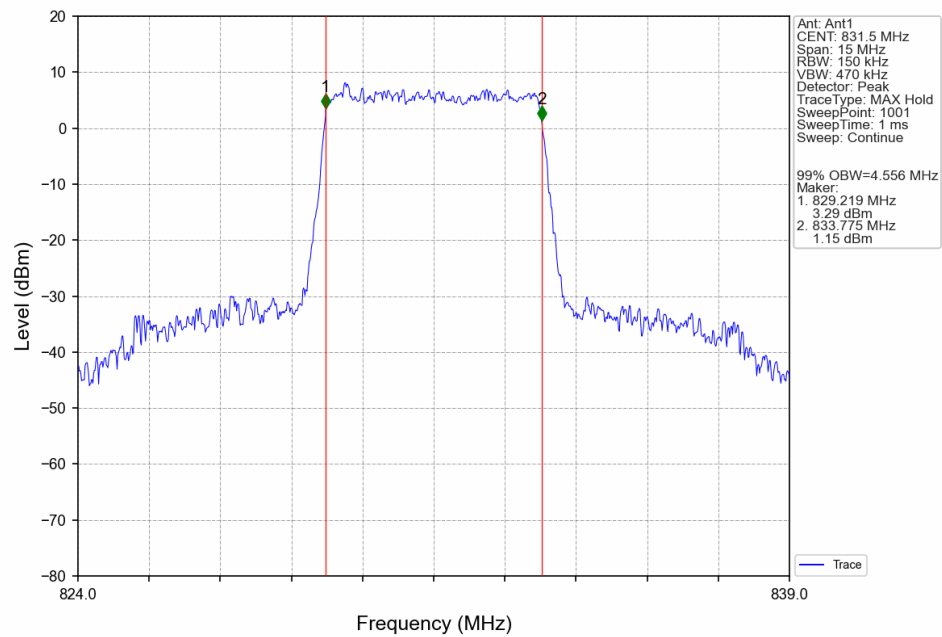




Band26_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

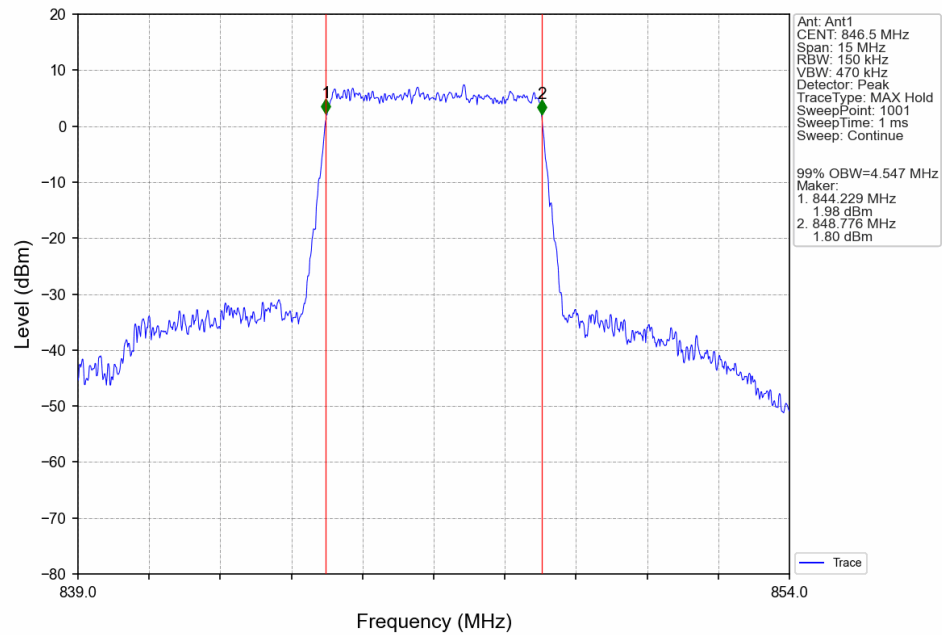


Band26_5MHz_QPSK_MCH_831.5MHz_RB_25_0_NTNV

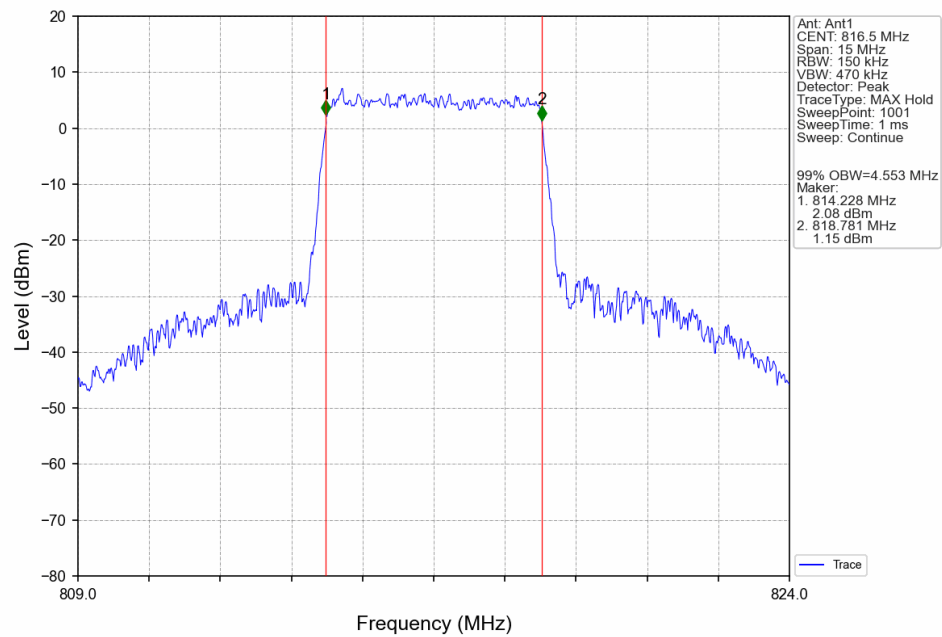




Band26_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

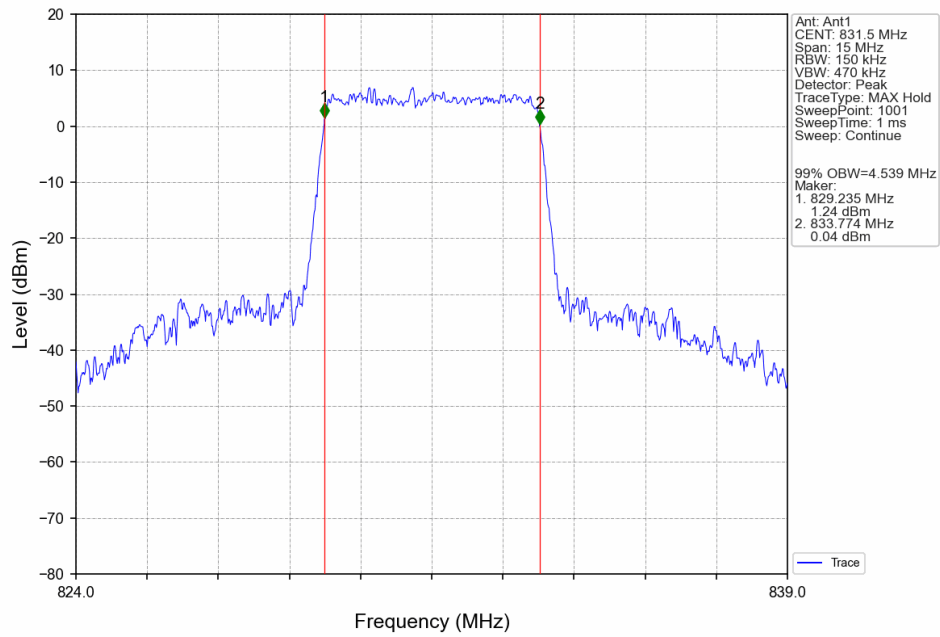


Band26_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

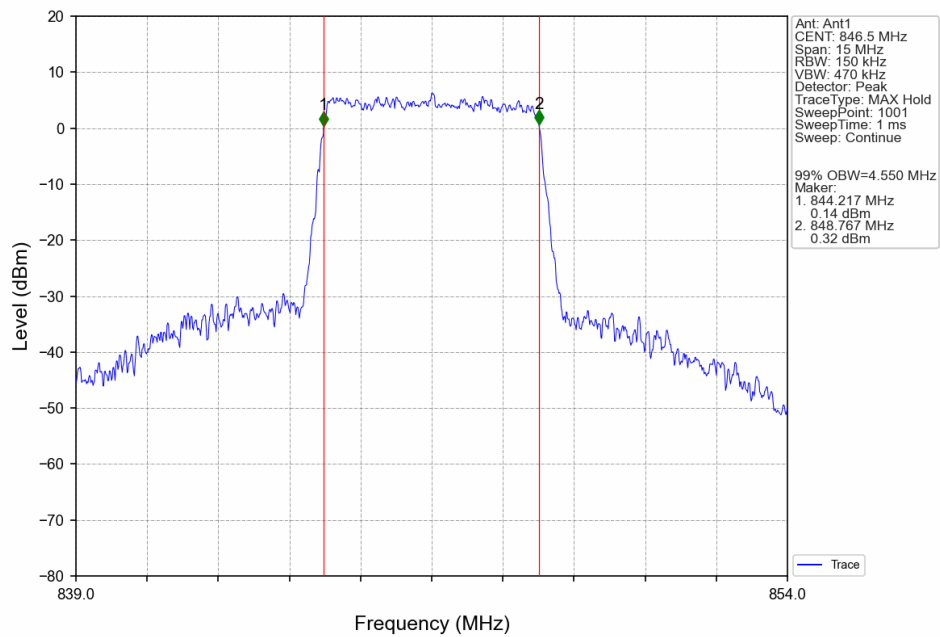




Band26_5MHz_16QAM_MCH_831.5MHz_RB_25_0_NTNV

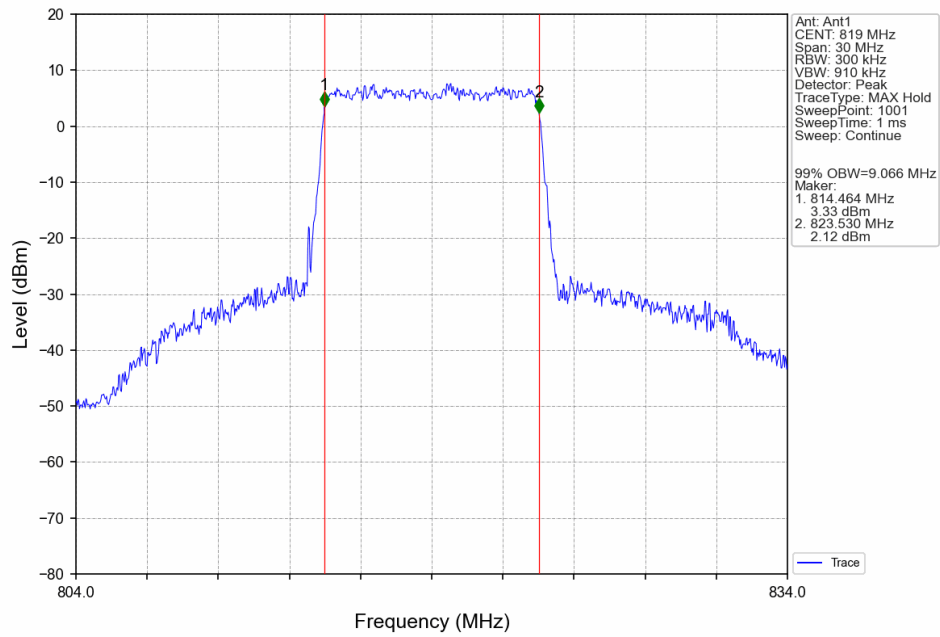


Band26_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

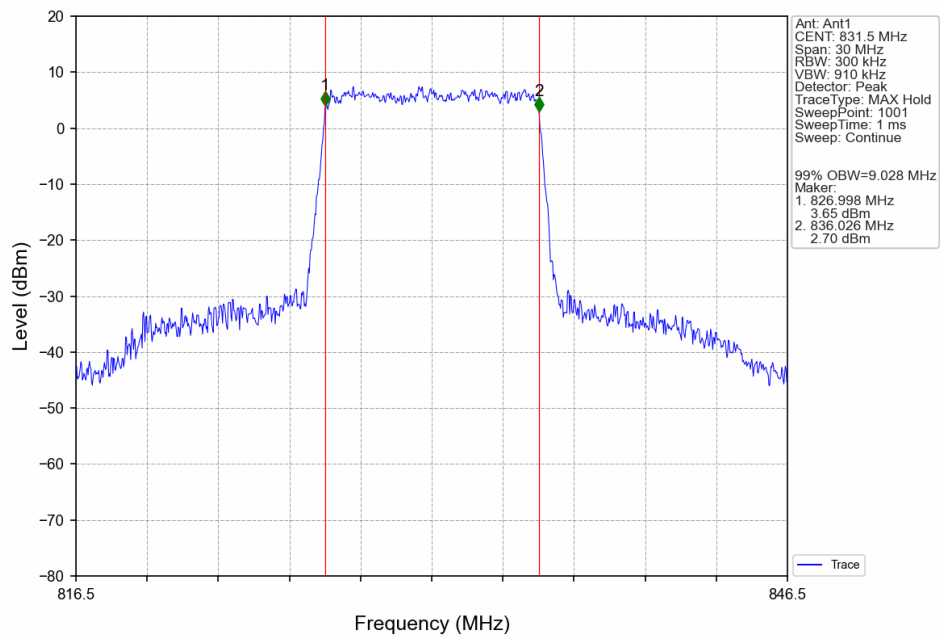




Band26_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV

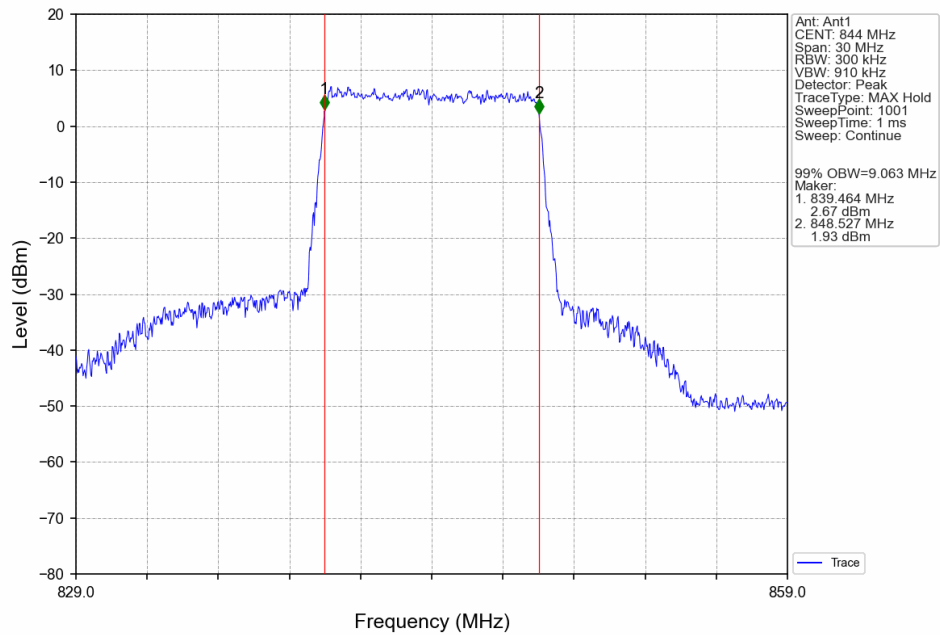


Band26_10MHz_QPSK_MCH_831.5MHz_RB_50_0_NTNV

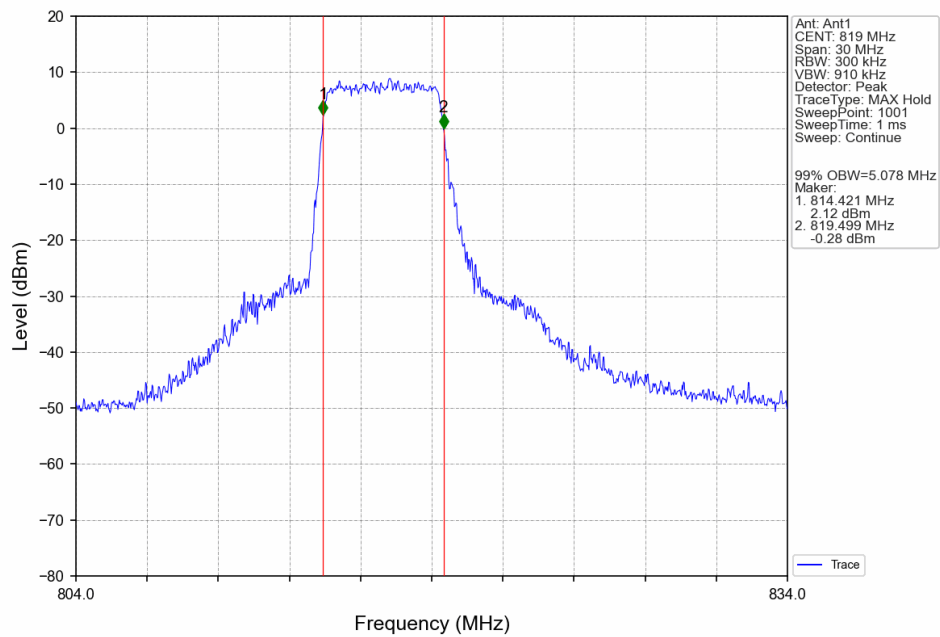




Band26_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

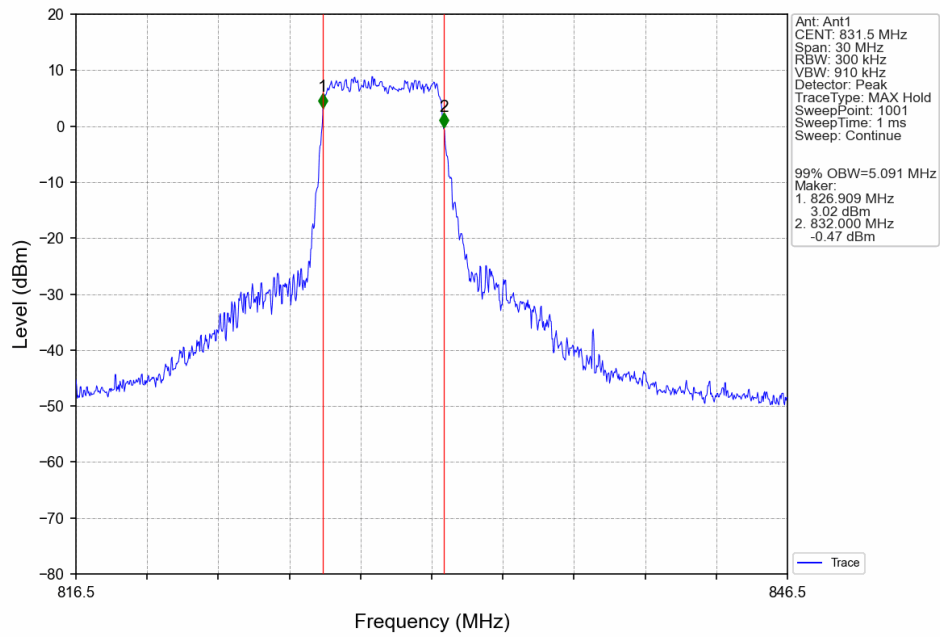


Band26_10MHz_16QAM_LCH_819MHz_RB_27_0_NTNV

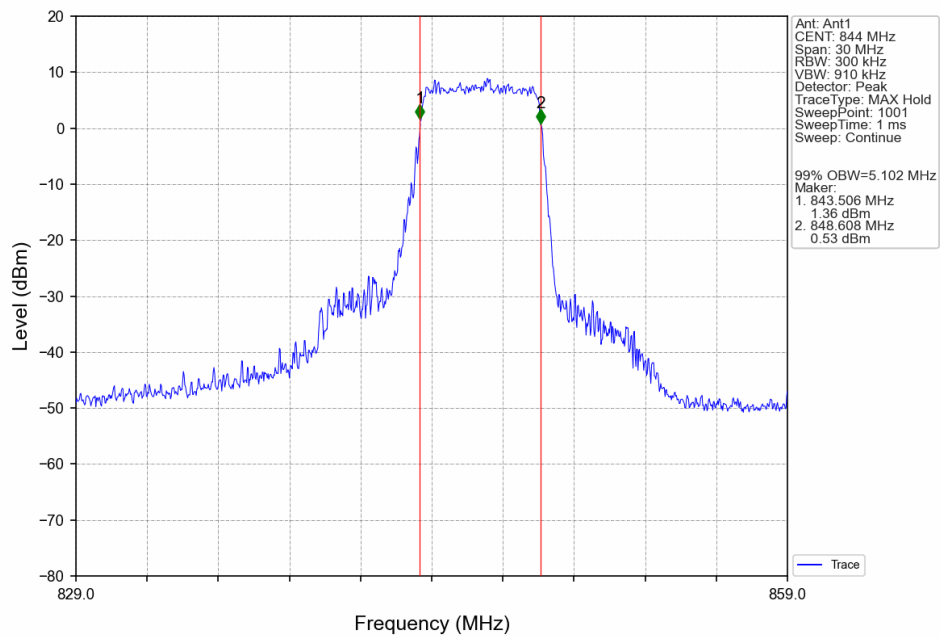




Band26_10MHz_16QAM_MCH_831.5MHz_RB_27_0_NTNV

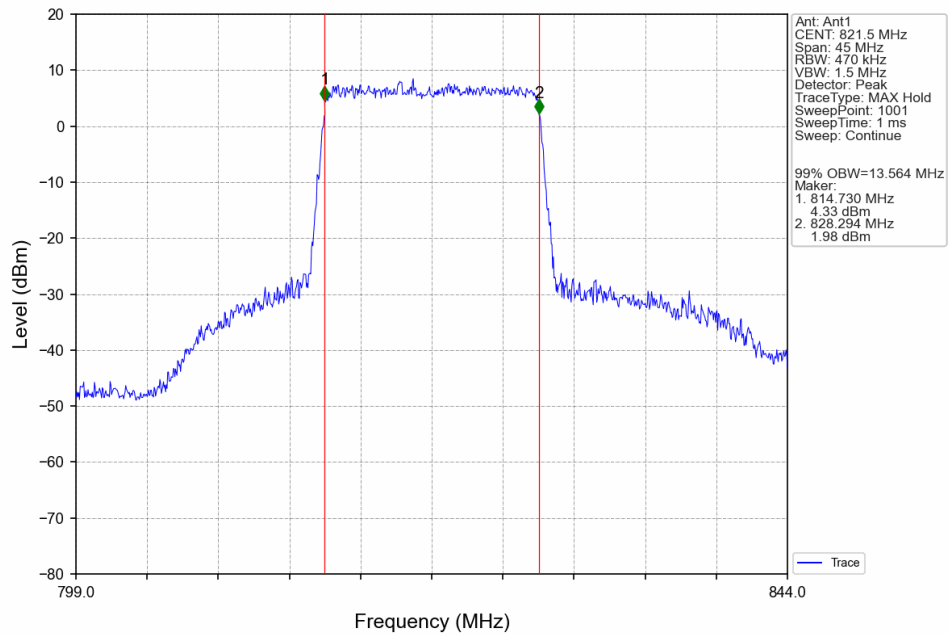


Band26_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

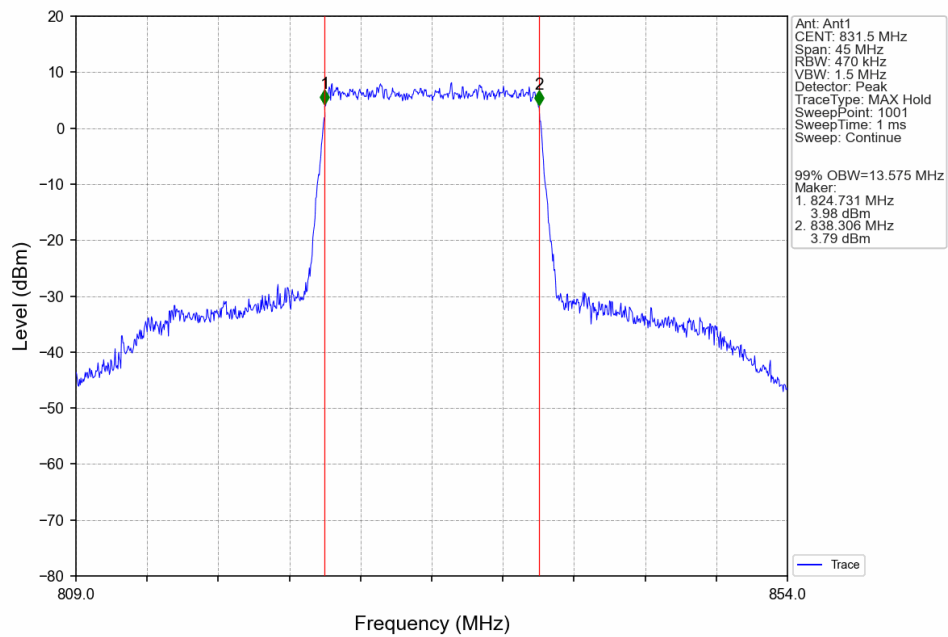




Band26_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

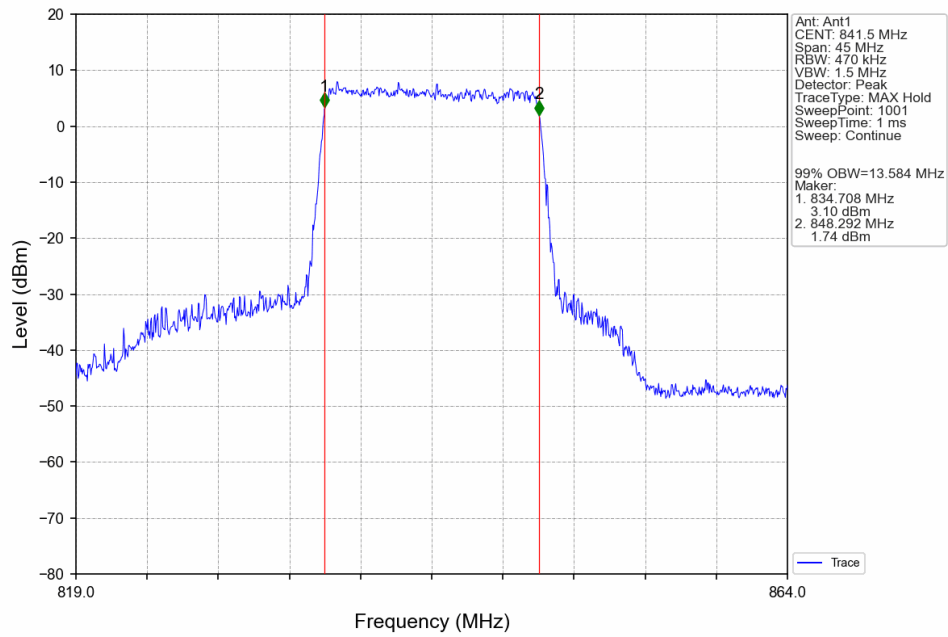


Band26_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV

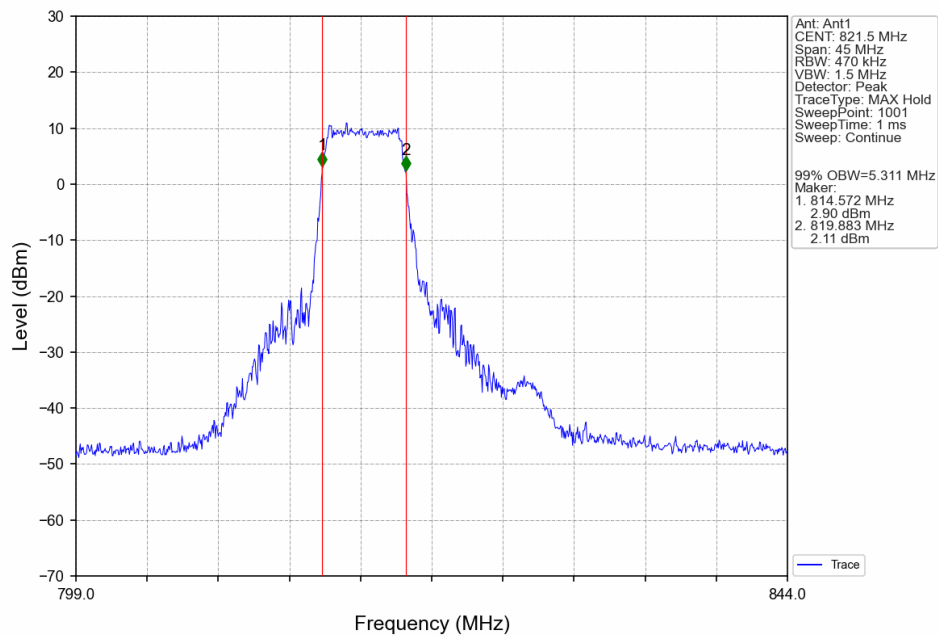




Band26_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV

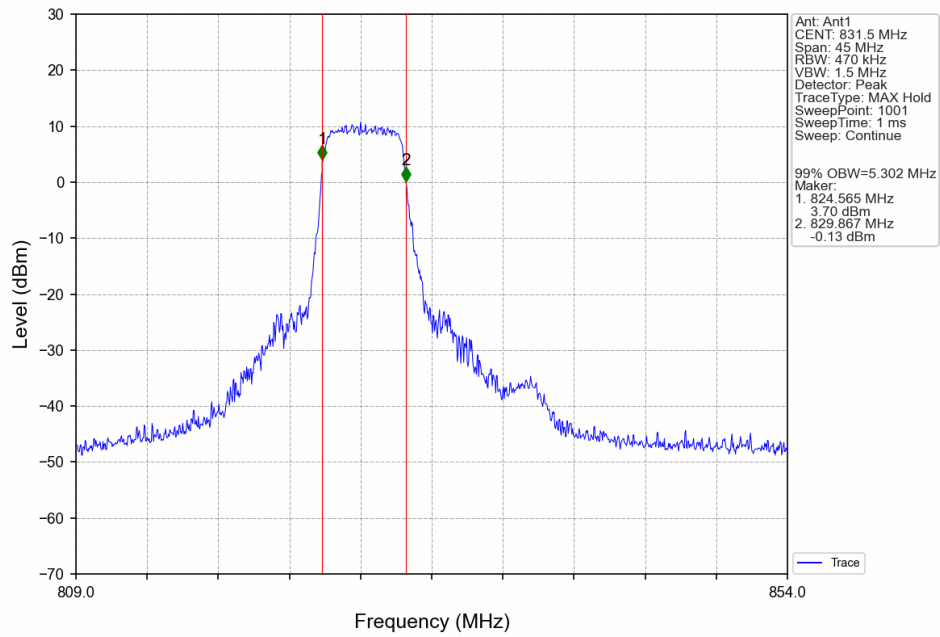


Band26_15MHz_16QAM_LCH_821.5MHz_RB_27_0_NTNV

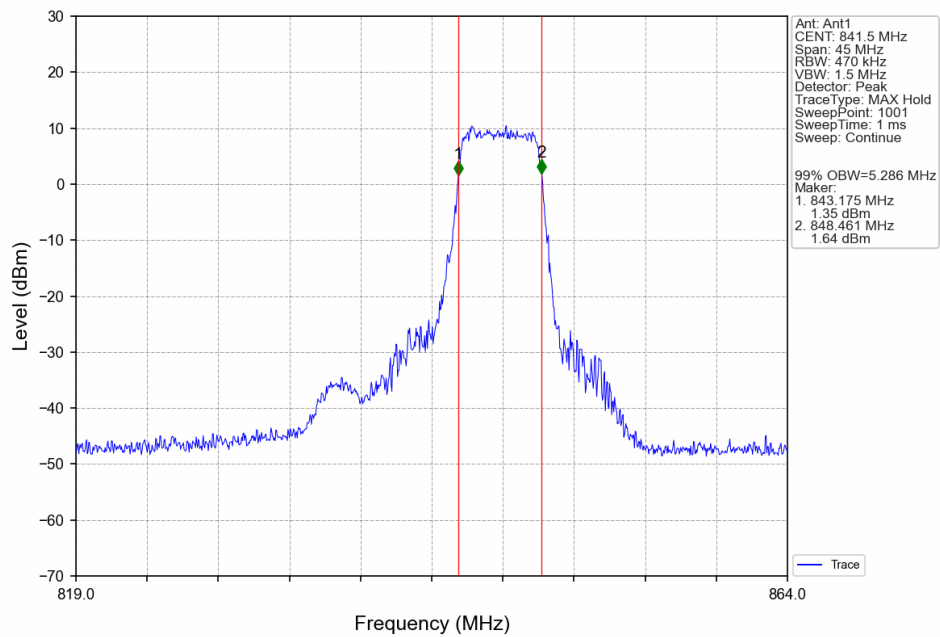




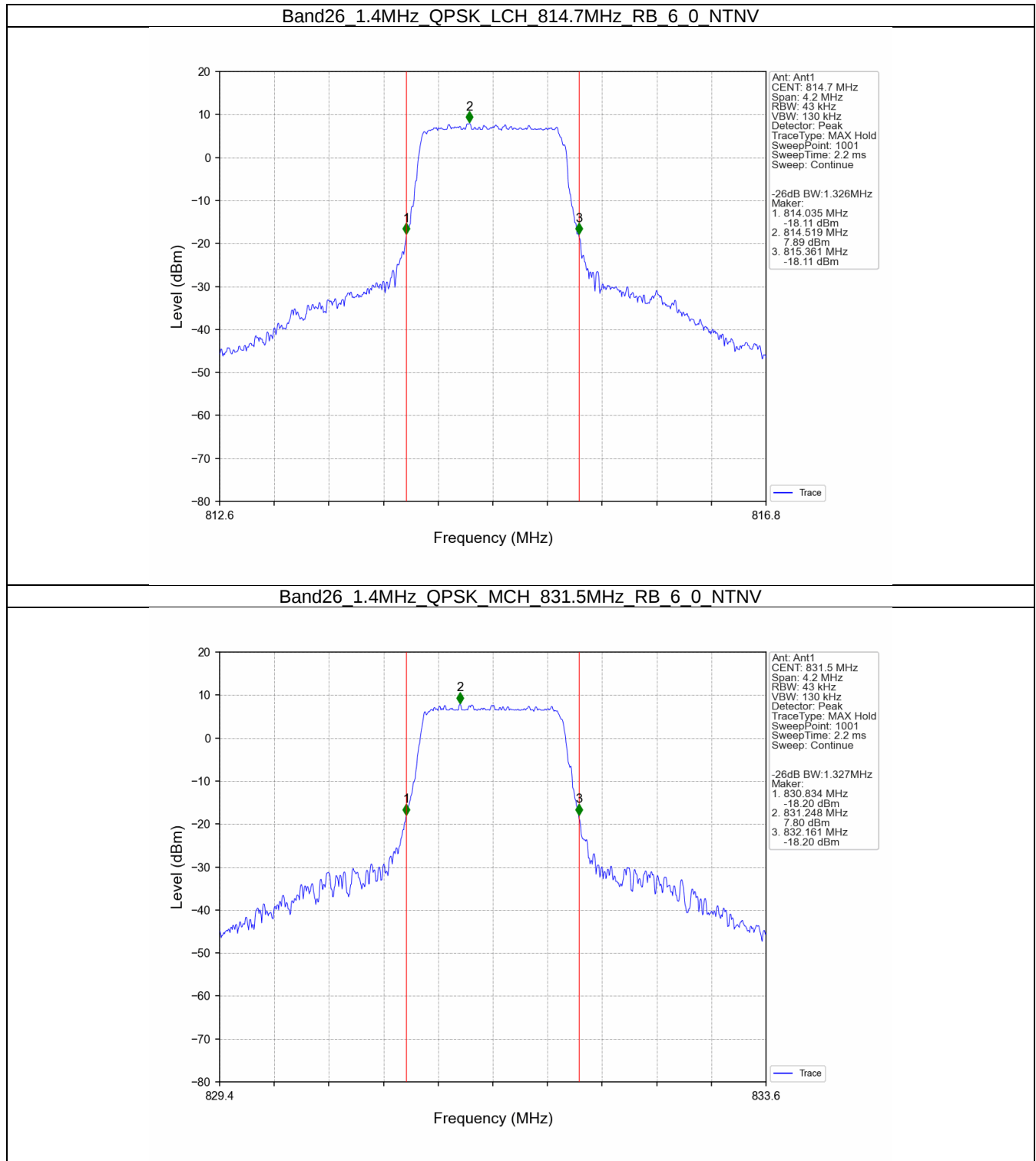
Band26_15MHz_16QAM_MCH_831.5MHz_RB_27_0_NTNV



Band26_15MHz_16QAM_HCH_841.5MHz_RB_27_48_NTNV

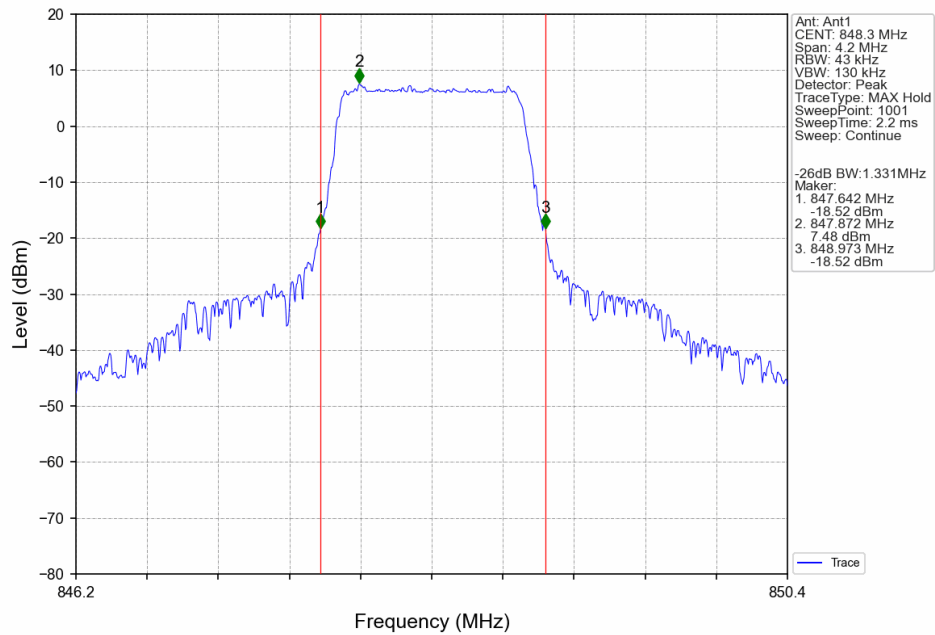


4.2.2 Band26_XDB

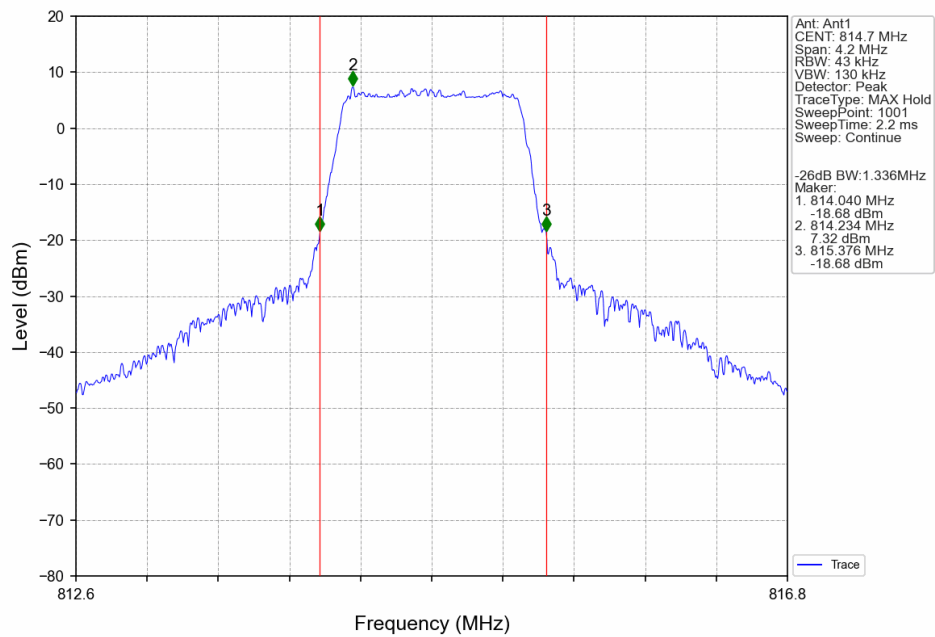




Band26_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

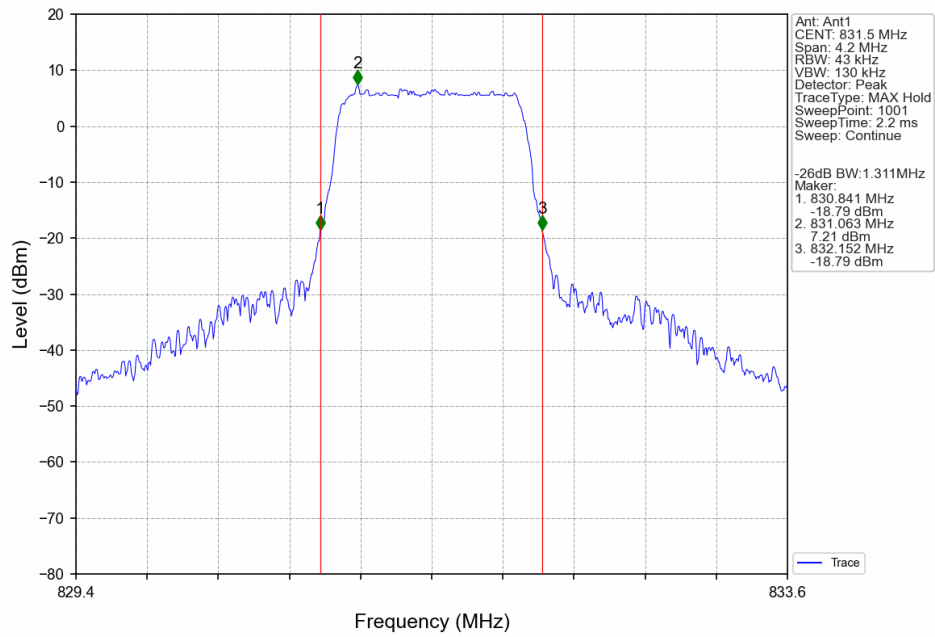


Band26_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

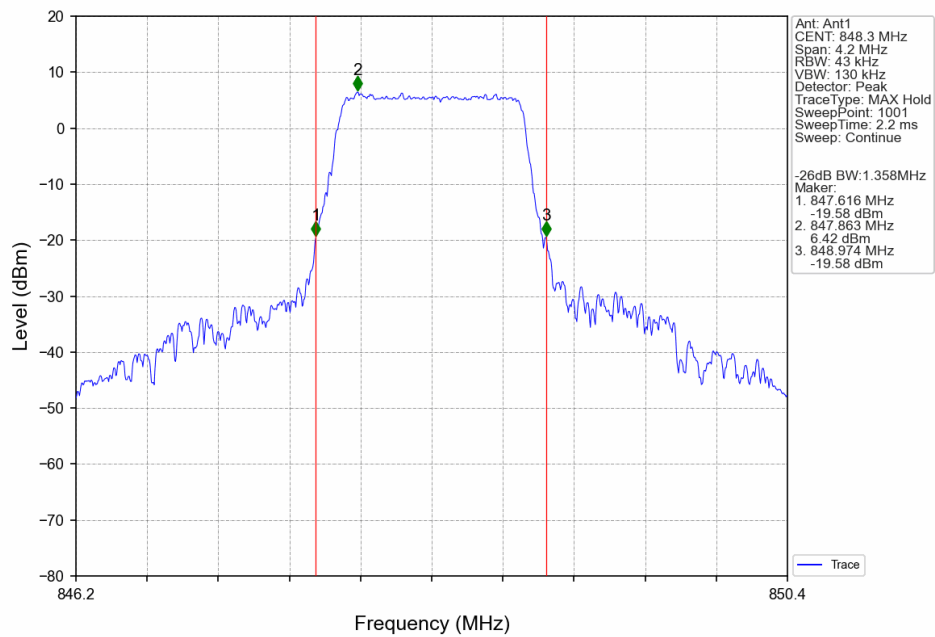




Band26 1.4MHz 16QAM MCH 831.5MHz RB 6 0 NTNV

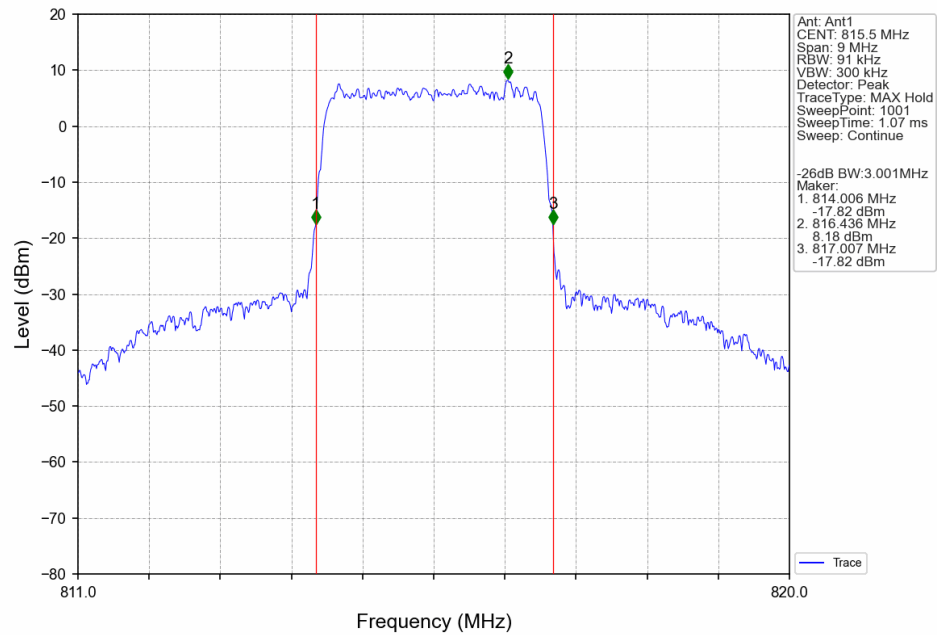


Band26 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

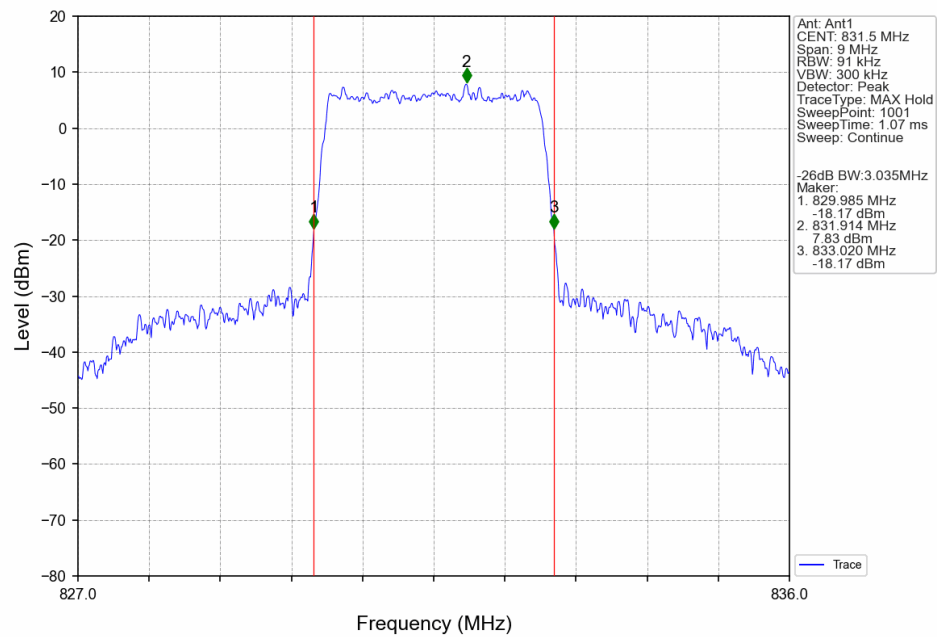




Band26_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

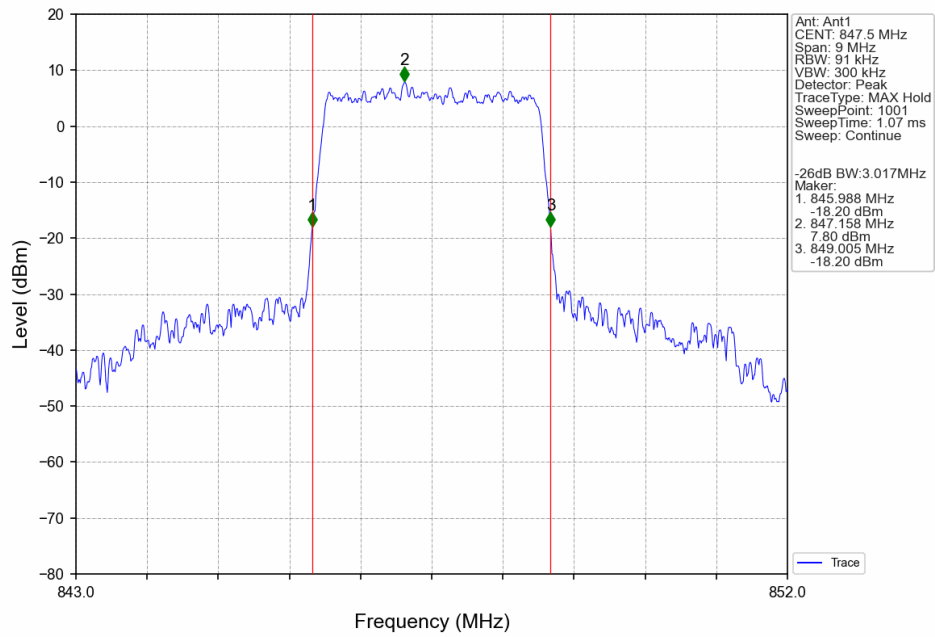


Band26_3MHz_QPSK_MCH_831.5MHz_RB_15_0_NTNV

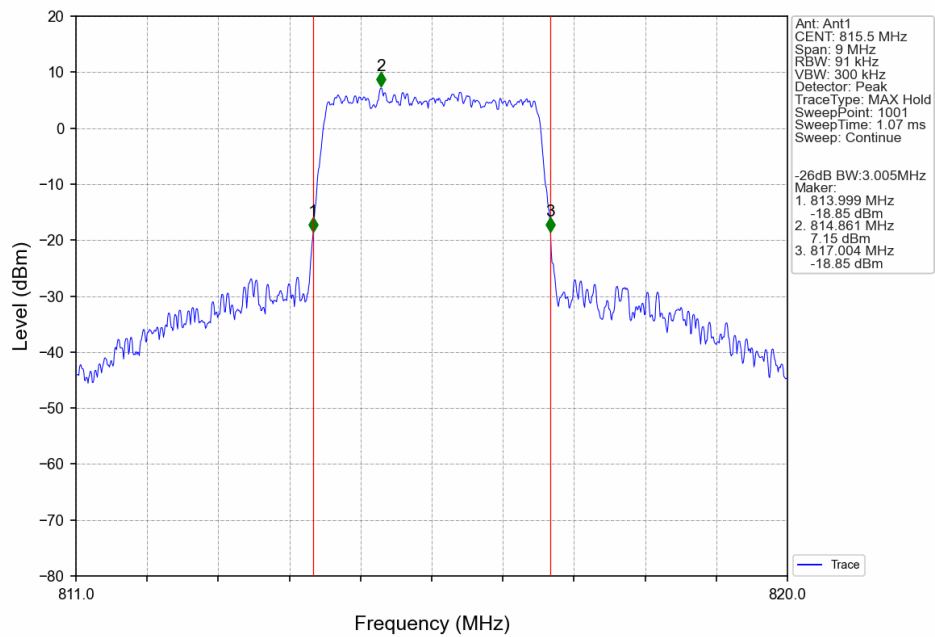




Band26_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV

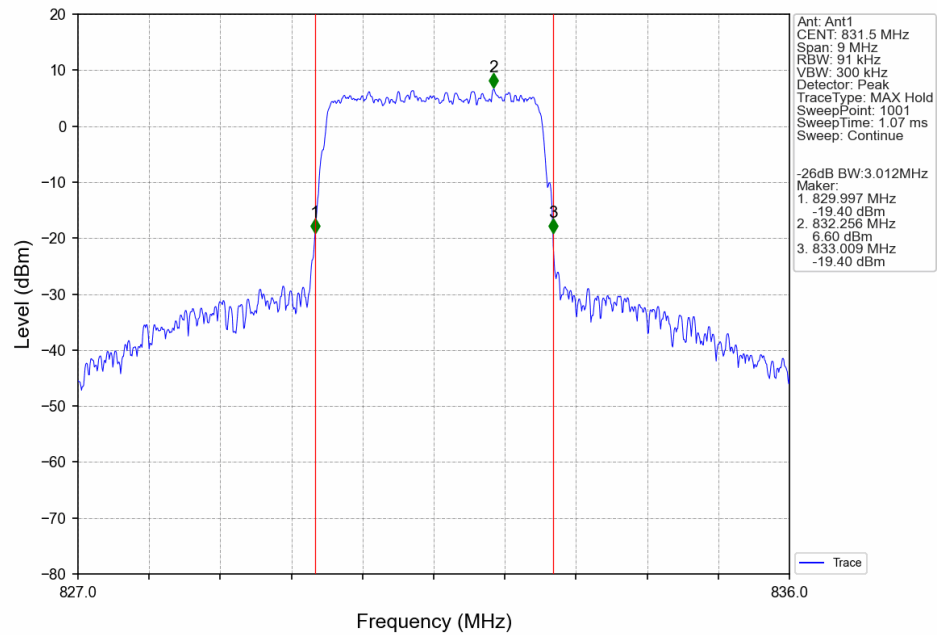


Band26_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

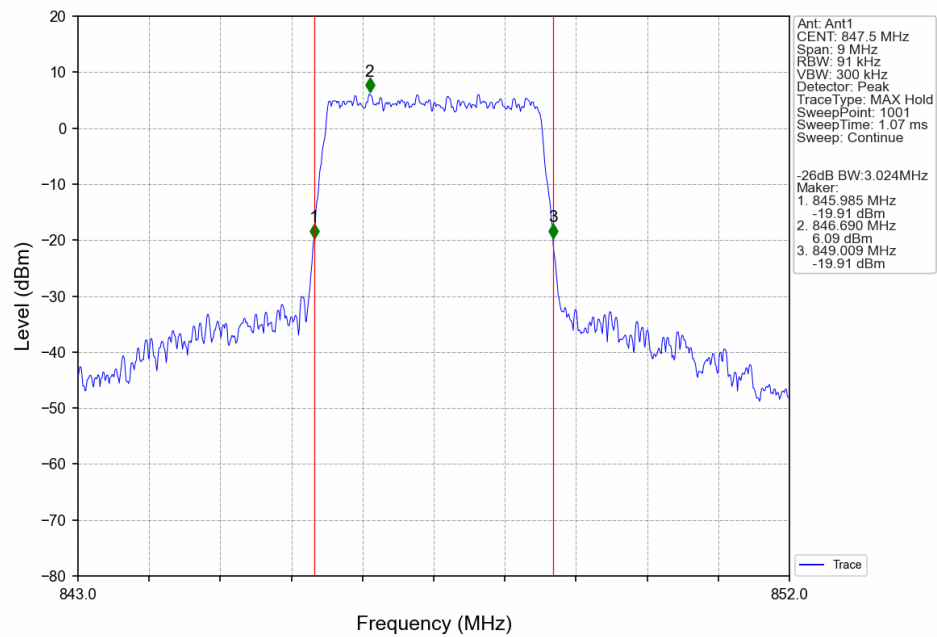




Band26_3MHz_16QAM_MCH_831.5MHz_RB_15_0_NTNV

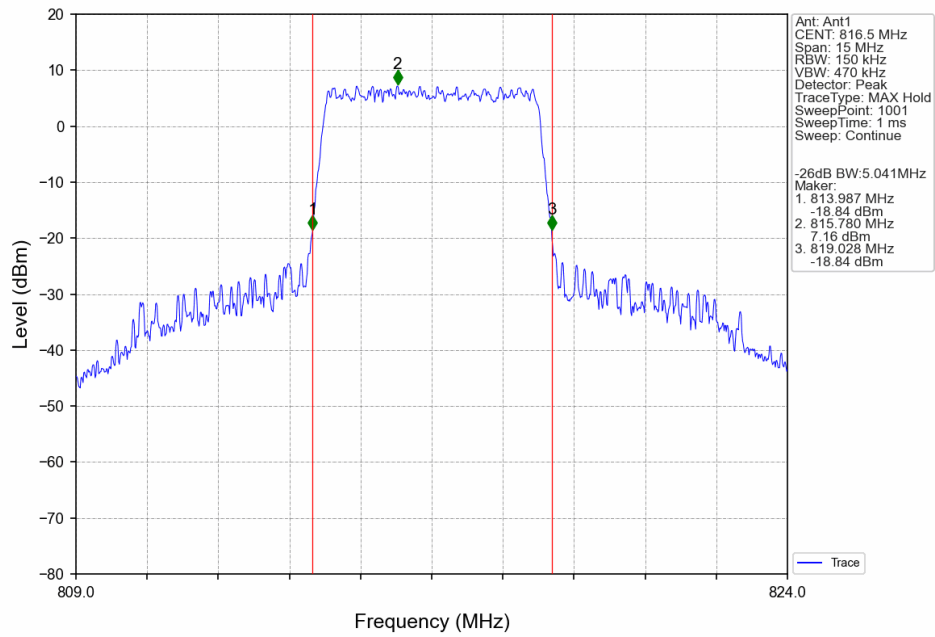


Band26_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

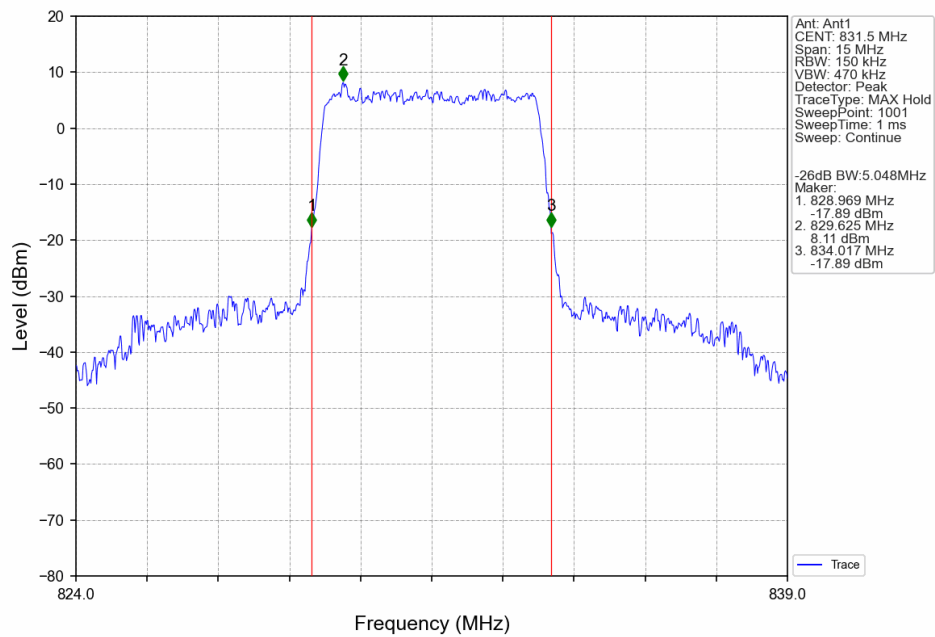




Band26_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

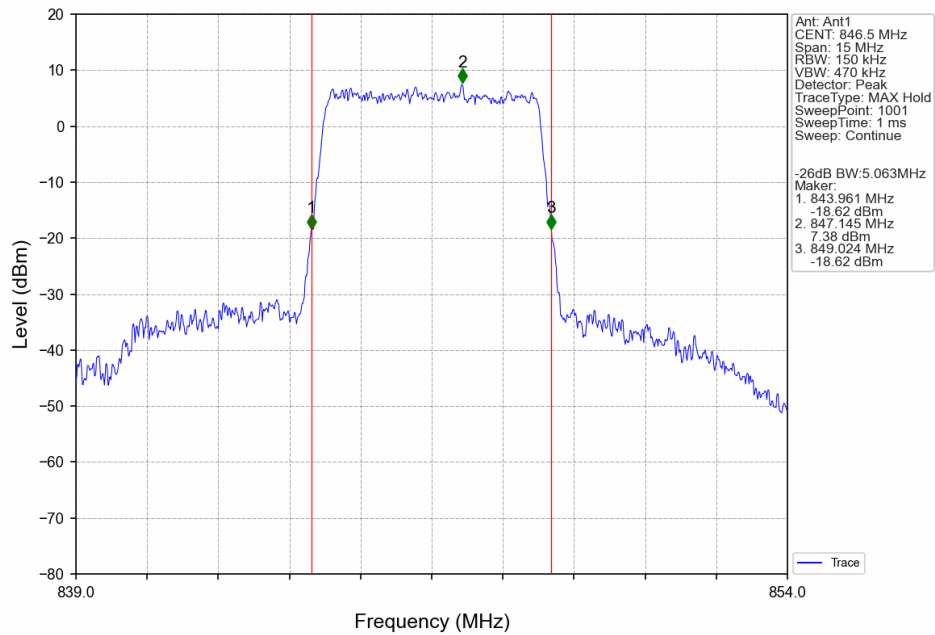


Band26_5MHz_QPSK_MCH_831.5MHz_RB_25_0_NTNV

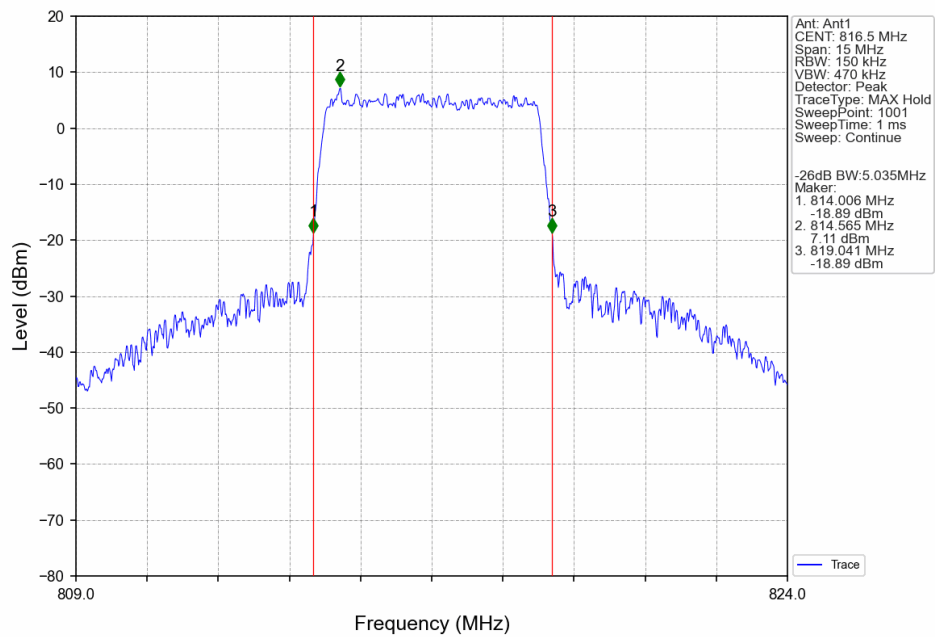




Band26_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV

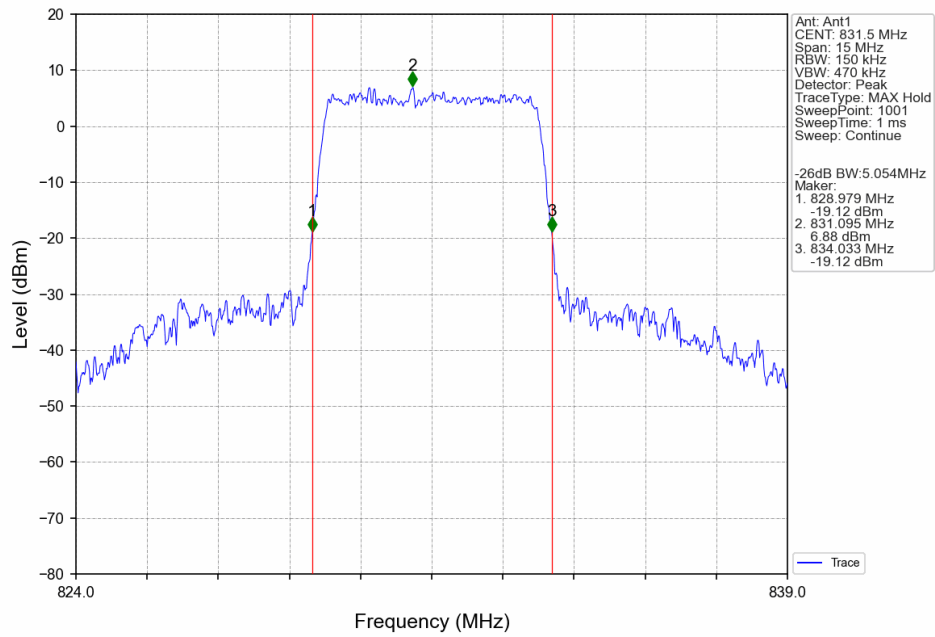


Band26_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

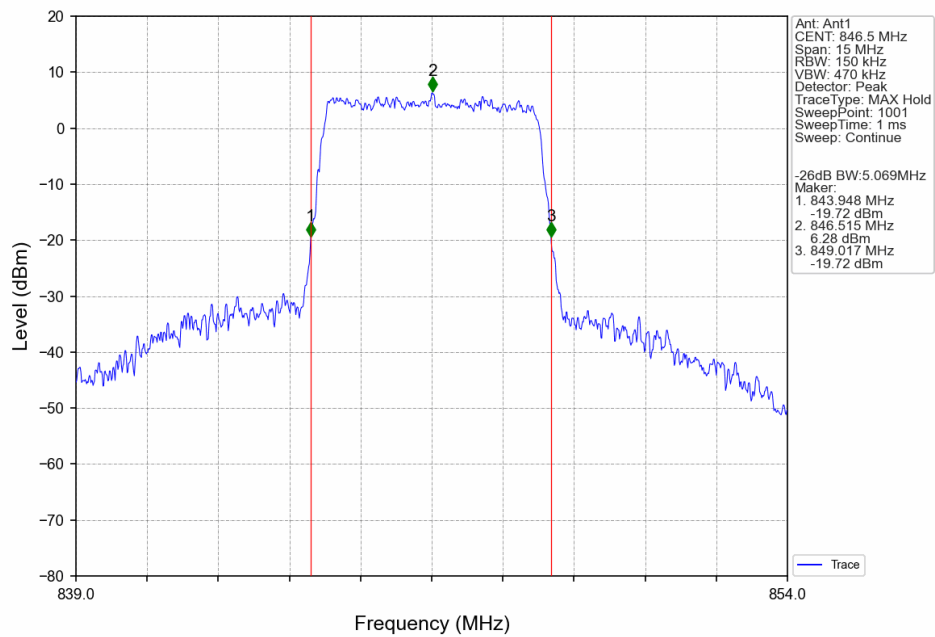




Band26_5MHz_16QAM_MCH_831.5MHz_RB_25_0_NTNV

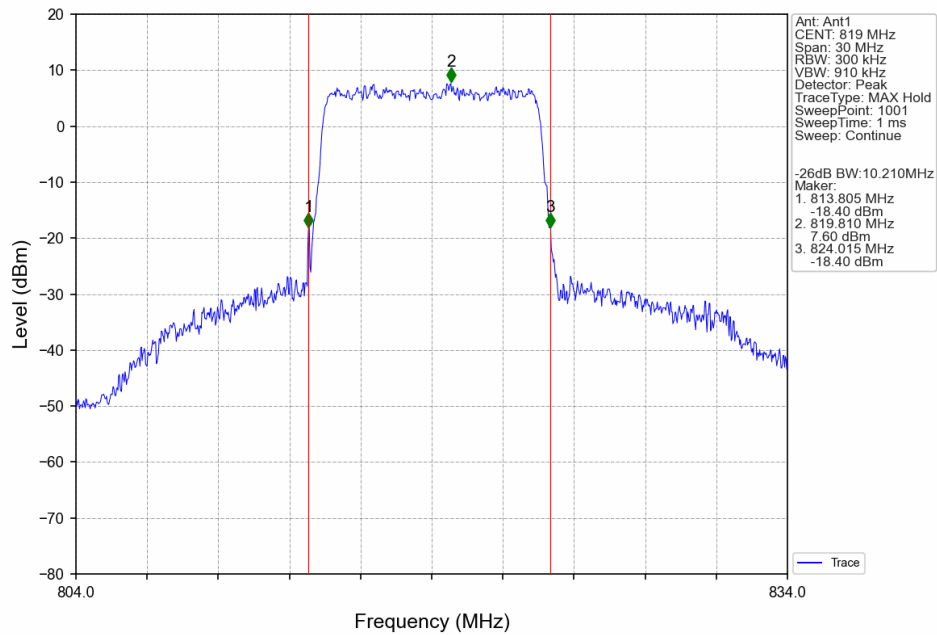


Band26_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

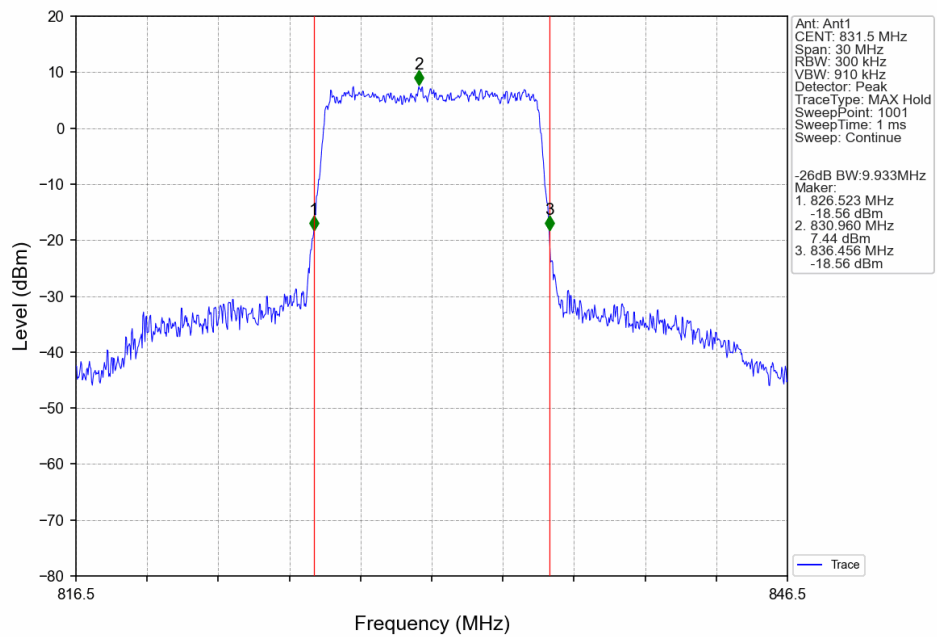




Band26_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV

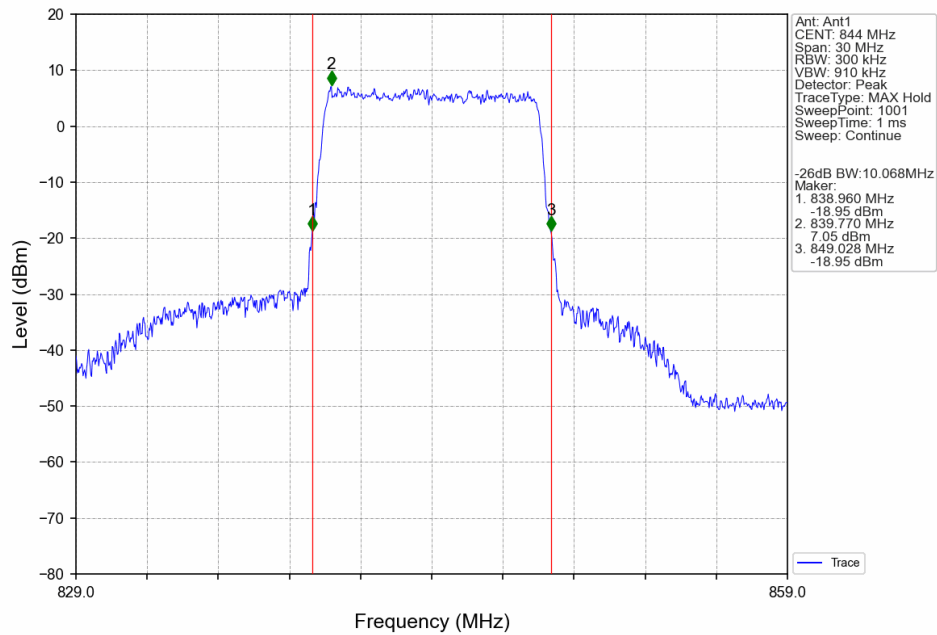


Band26_10MHz_QPSK_MCH_831.5MHz_RB_50_0_NTNV

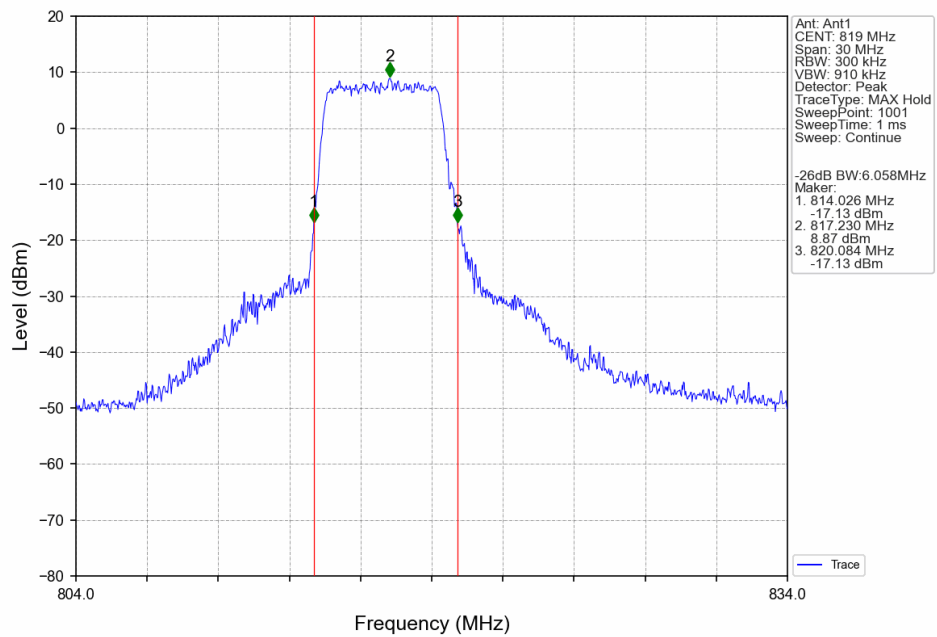




Band26_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

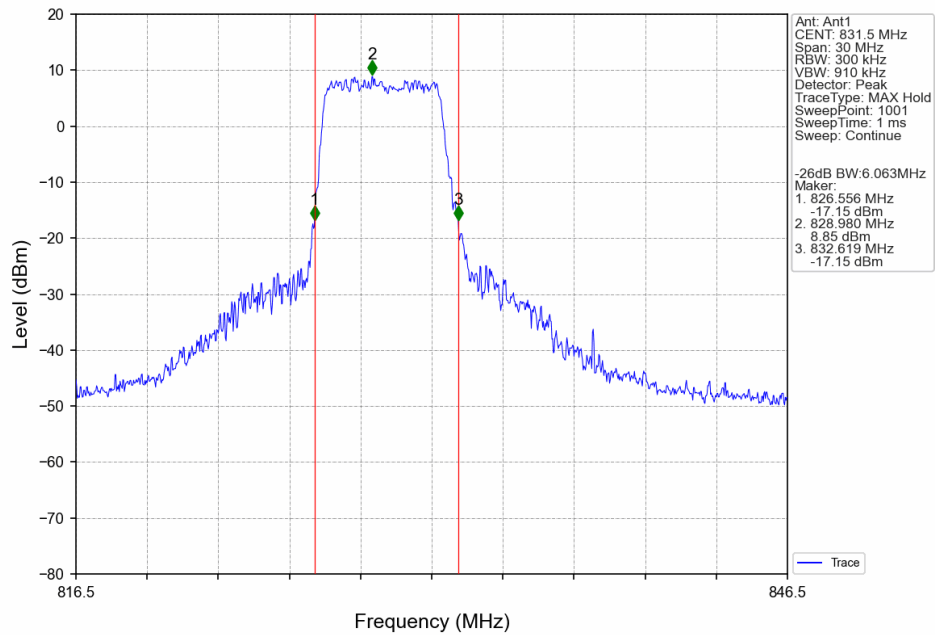


Band26_10MHz_16QAM_LCH_819MHz_RB_27_0_NTNV

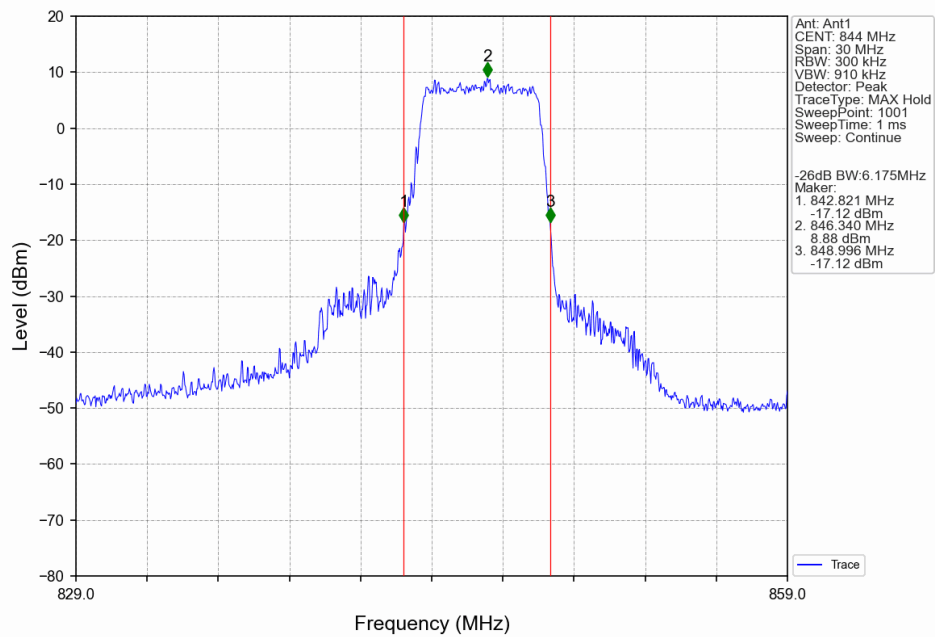




Band26_10MHz_16QAM_MCH_831.5MHz_RB_27_0_NTNV

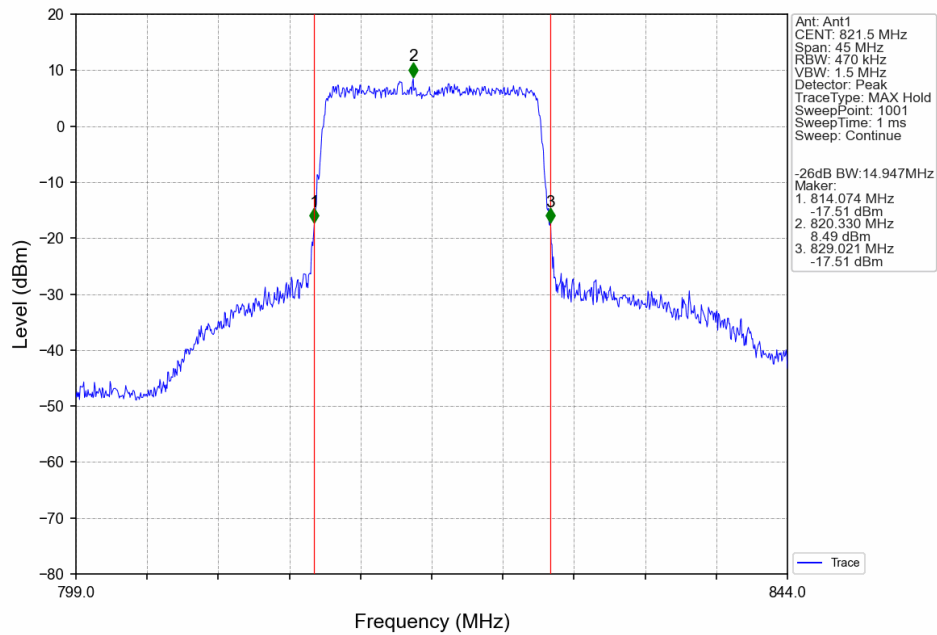


Band26_10MHz_16QAM_HCH_844MHz_RB_27_23_NTNV

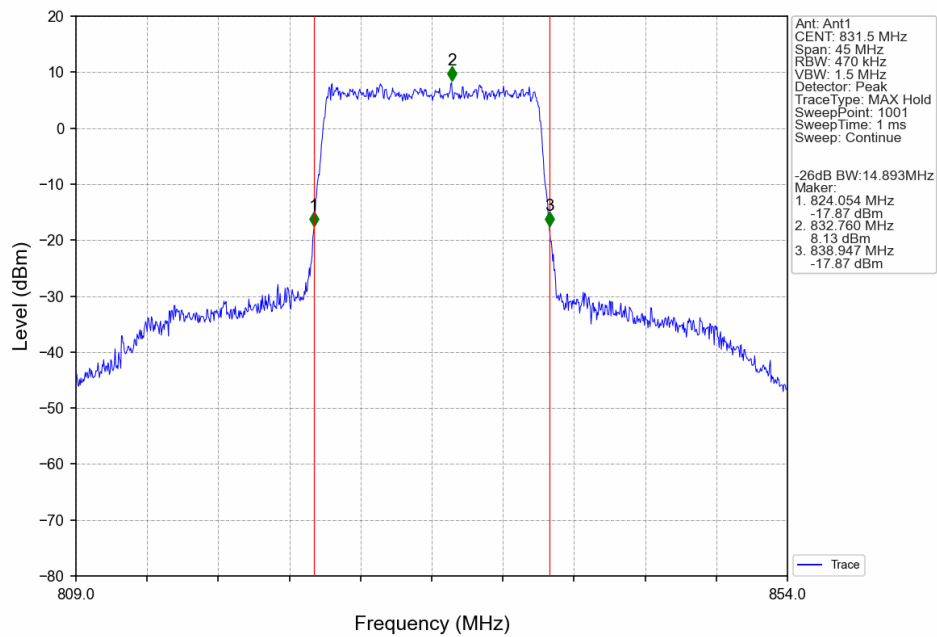




Band26_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

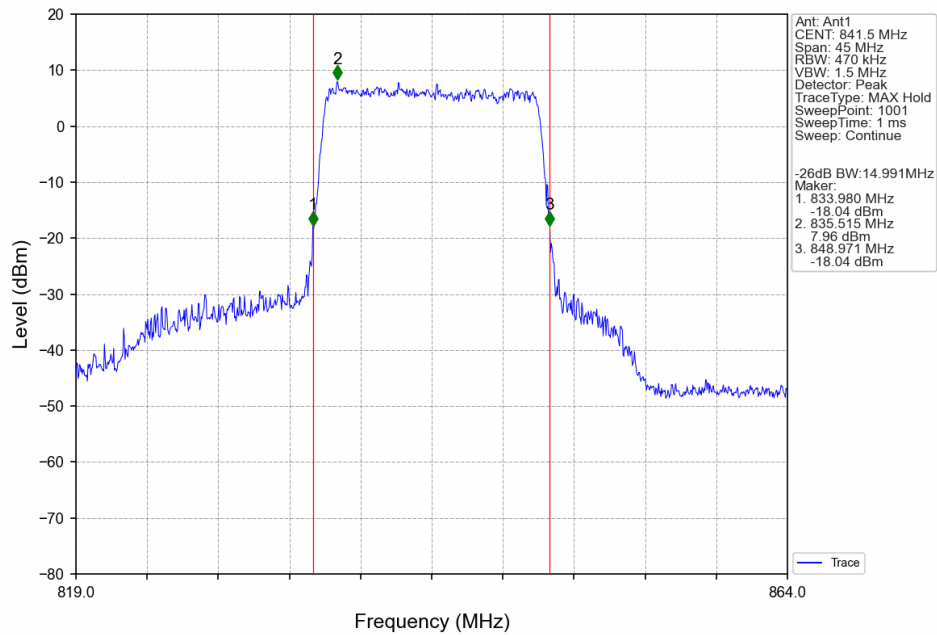


Band26_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV

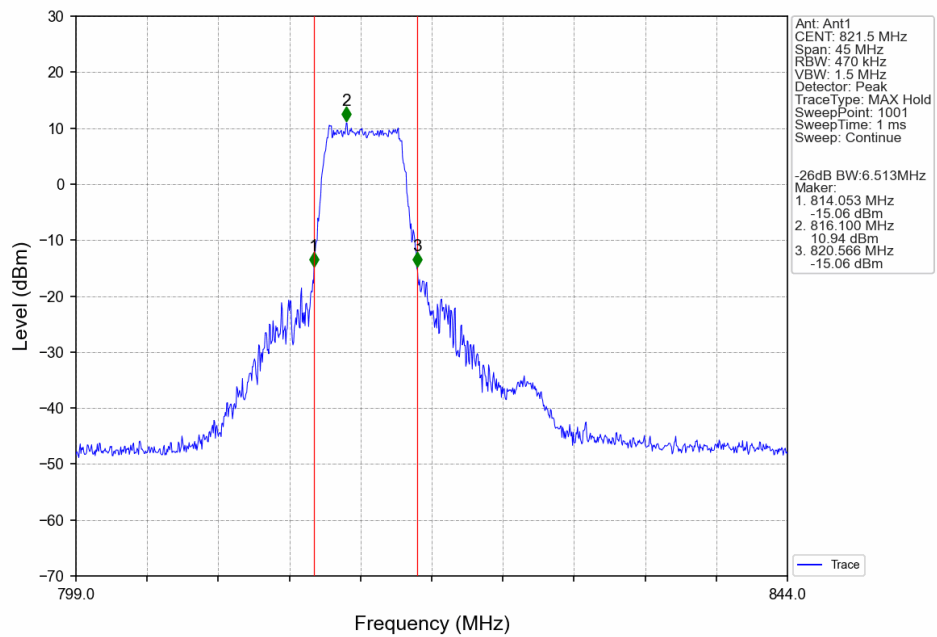




Band26_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV

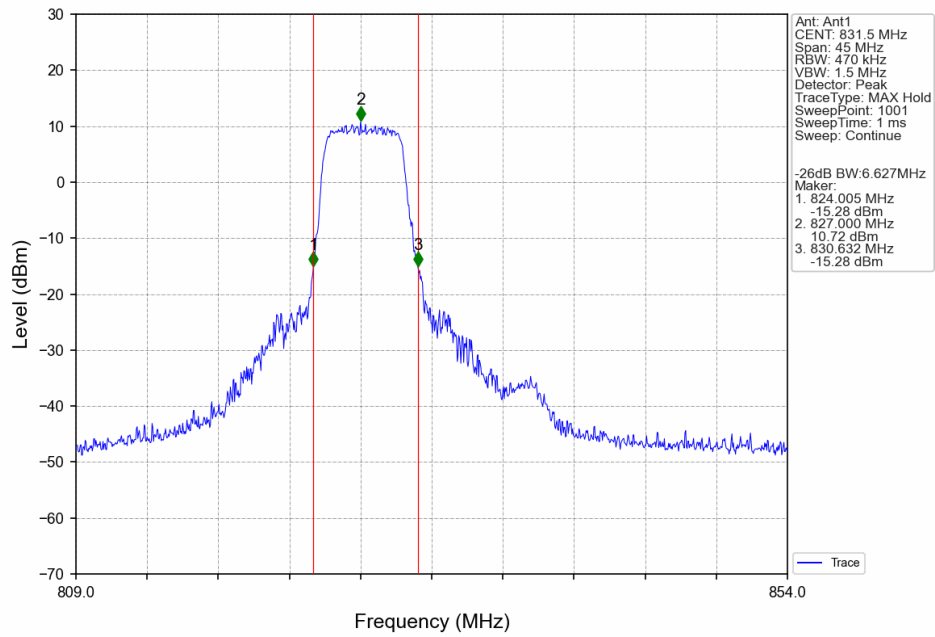


Band26_15MHz_16QAM_LCH_821.5MHz_RB_27_0_NTNV

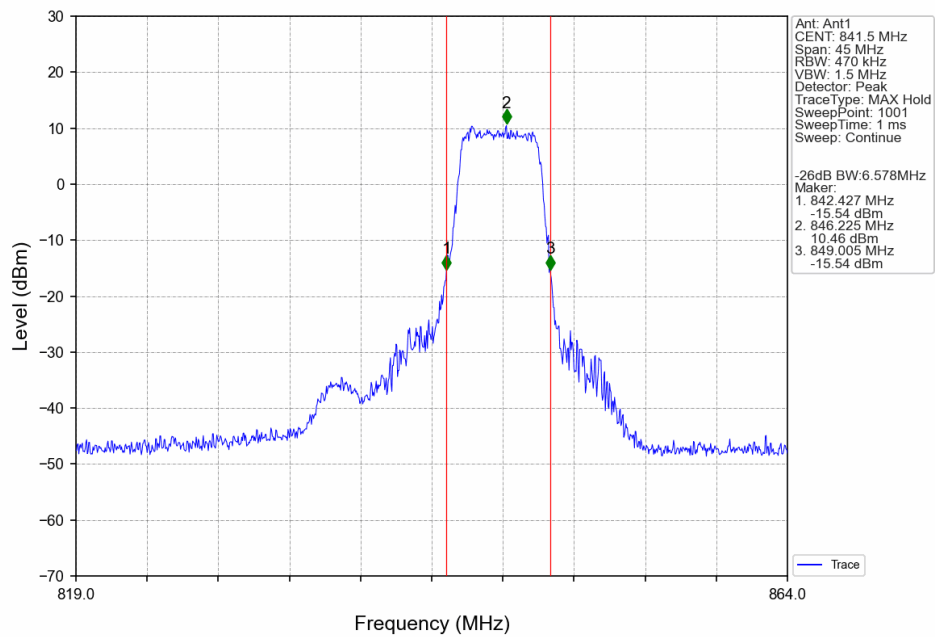




Band26_15MHz_16QAM_MCH_831.5MHz_RB_27_0_NTNV



Band26_15MHz_16QAM_HCH_841.5MHz_RB_27_48_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B26_1.4MHz

Band: 26 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	4.94	<=13	Pass
	831.5	6	0	5.13	<=13	Pass
	848.3	6	0	5.24	<=13	Pass
16QAM	814.7	6	0	5.73	<=13	Pass
	831.5	6	0	5.95	<=13	Pass
	848.3	6	0	5.97	<=13	Pass

5.1.2 B26_3MHz

Band: 26 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.06	<=13	Pass
	831.5	15	0	5.24	<=13	Pass
	847.5	15	0	5.36	<=13	Pass
16QAM	815.5	15	0	5.86	<=13	Pass
	831.5	15	0	6.06	<=13	Pass
	847.5	15	0	6.15	<=13	Pass

5.1.3 B26_5MHz

Band: 26 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.27	<=13	Pass
	831.5	25	0	5.43	<=13	Pass
	846.5	25	0	5.42	<=13	Pass
16QAM	816.5	25	0	5.96	<=13	Pass
	831.5	25	0	6.10	<=13	Pass
	846.5	25	0	6.14	<=13	Pass

5.1.4 B26_10MHz

Band: 26 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.27	<=13	Pass
	831.5	50	0	5.38	<=13	Pass
	844	50	0	5.42	<=13	Pass
16QAM	819	27	0	5.81	<=13	Pass
	831.5	27	0	5.97	<=13	Pass
	844	27	23	6.10	<=13	Pass



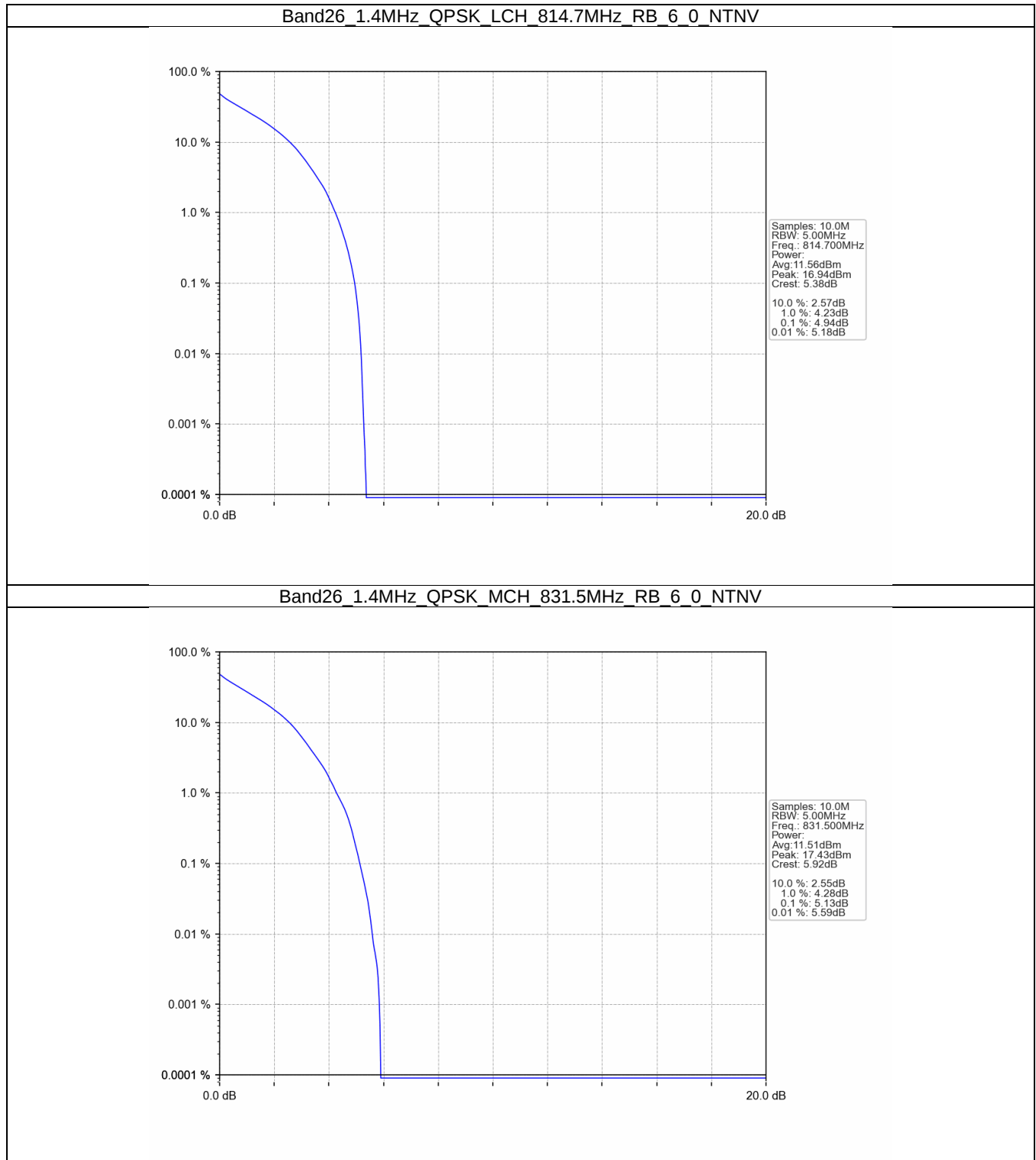
5.1.5 B26_15MHz

Band: 26 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.38	<=13	Pass
	831.5	75	0	5.55	<=13	Pass
	841.5	75	0	5.62	<=13	Pass
16QAM	821.5	27	0	5.82	<=13	Pass
	831.5	27	0	5.84	<=13	Pass
	841.5	27	48	6.00	<=13	Pass



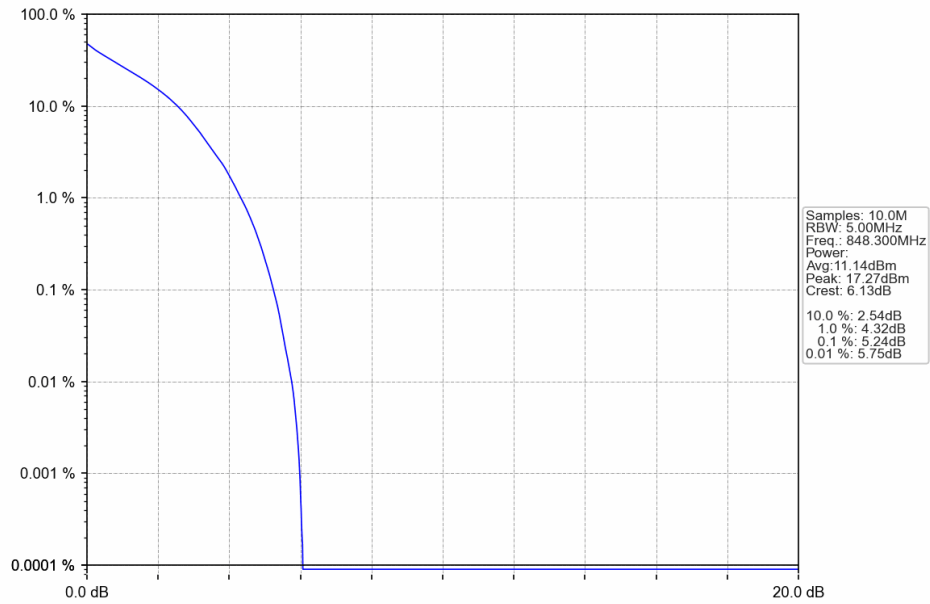
5.2 Test Graph

5.2.1 B26_1.4MHz

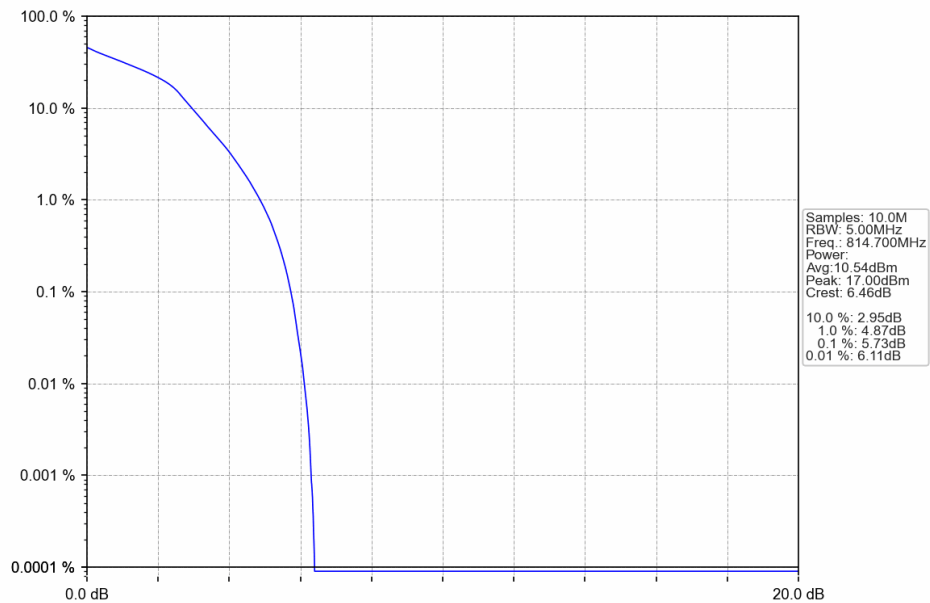




Band26_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV

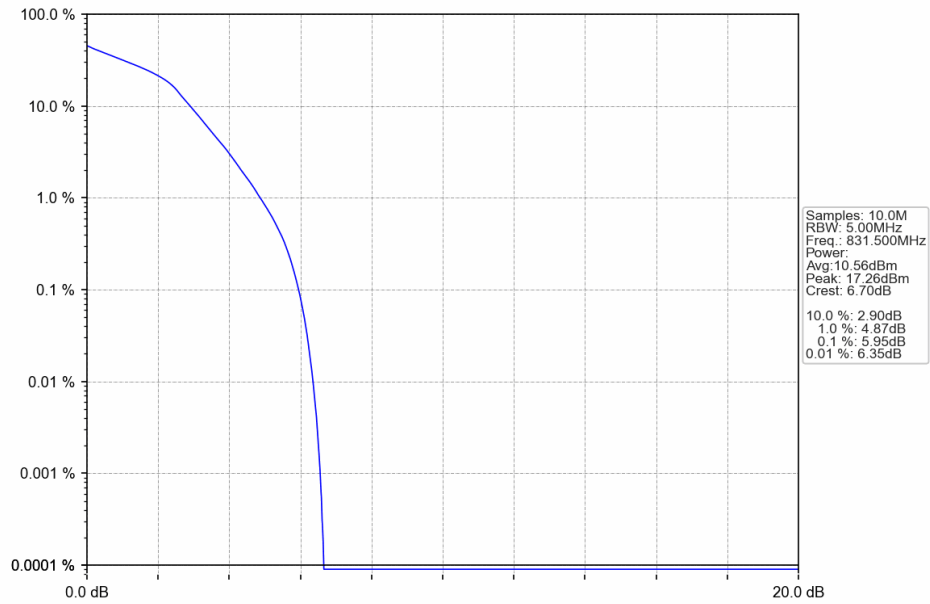


Band26_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

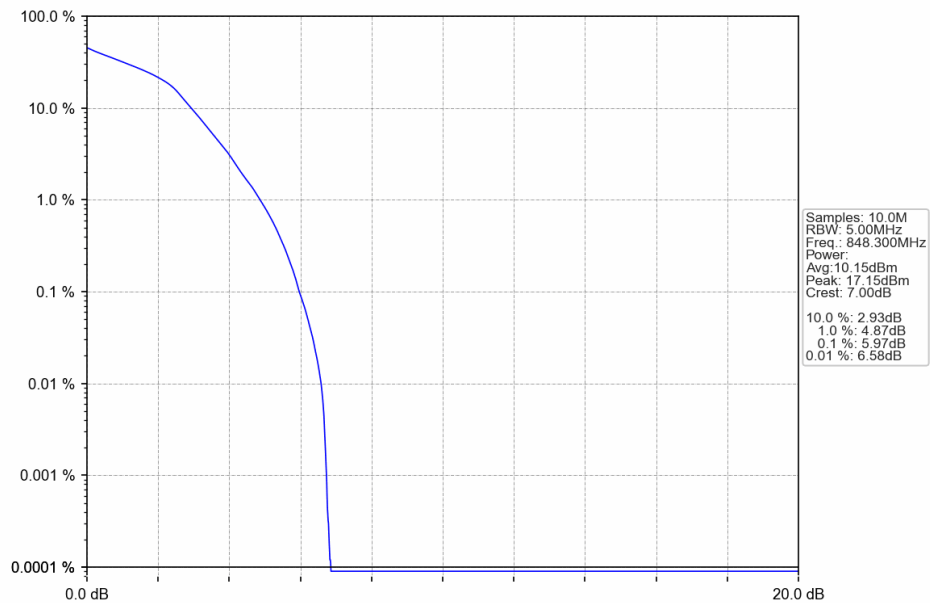




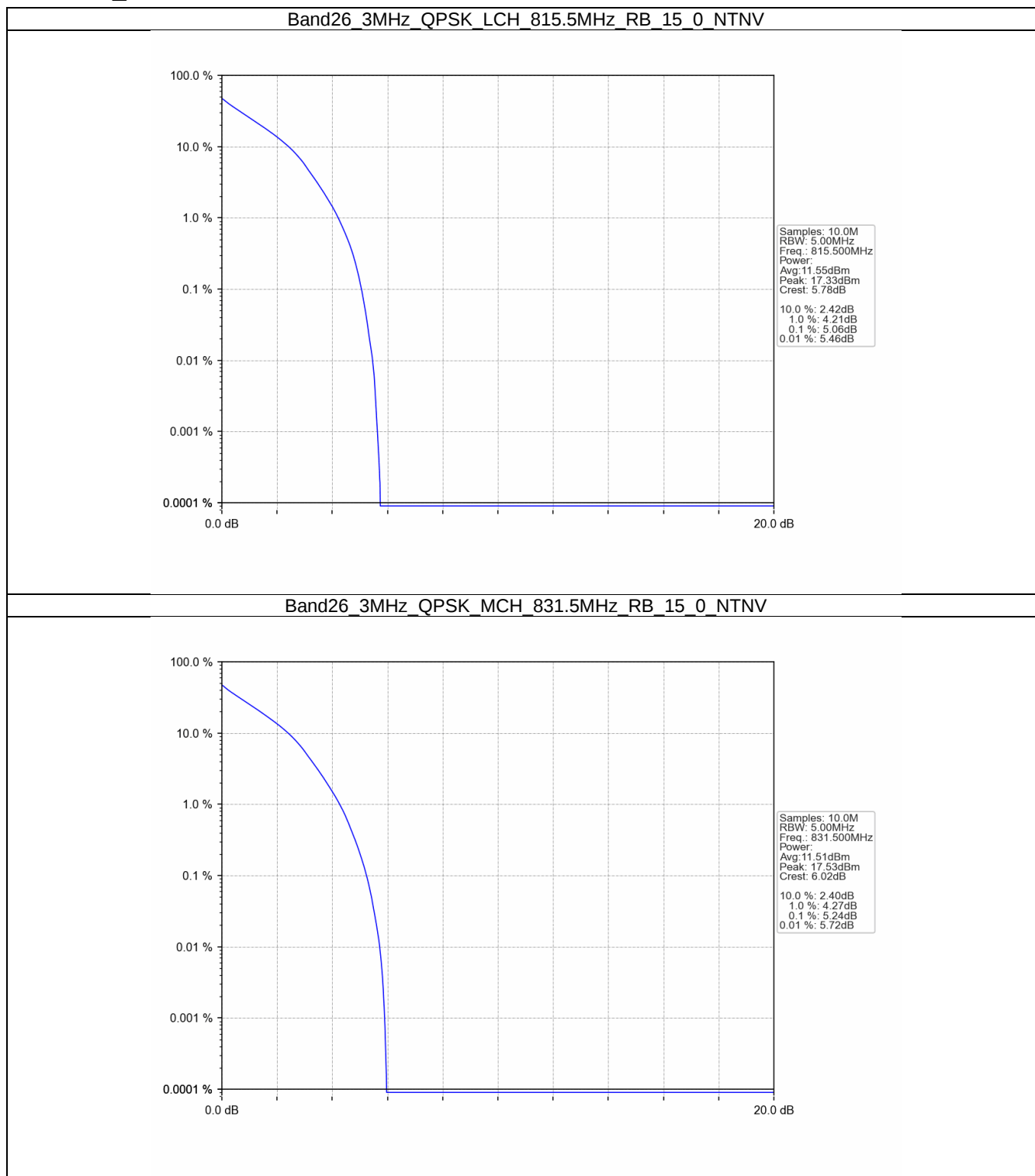
Band26 1.4MHz 16QAM MCH 831.5MHz RB 6 0 NTNV



Band26 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

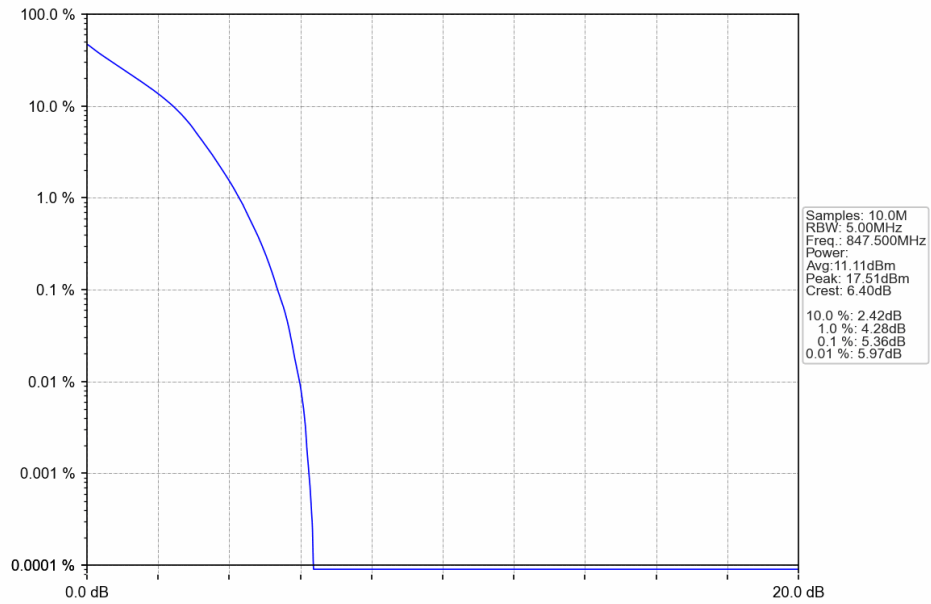


5.2.2 B26_3MHz





Band26_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band26_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

