

Appendix Test Data for LTE_band_66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	24.82	-3.65	21.17	<=30	Pass
			2	24.81	-3.65	21.16	<=30	Pass
			5	24.81	-3.65	21.16	<=30	Pass
		3	0	24.89	-3.65	21.24	<=30	Pass
			2	24.86	-3.65	21.21	<=30	Pass
			3	24.89	-3.65	21.24	<=30	Pass
		6	0	23.88	-3.65	20.23	<=30	Pass
	1745	1	0	24.82	-3.65	21.17	<=30	Pass
			2	24.86	-3.65	21.21	<=30	Pass
			5	24.82	-3.65	21.17	<=30	Pass
		3	0	24.85	-3.65	21.20	<=30	Pass
			2	24.83	-3.65	21.18	<=30	Pass
			3	24.83	-3.65	21.18	<=30	Pass
		6	0	23.85	-3.65	20.20	<=30	Pass
	1779.3	1	0	24.95	-3.65	21.30	<=30	Pass
			2	24.96	-3.65	21.31	<=30	Pass
			5	24.97	-3.65	21.32	<=30	Pass
		3	0	24.96	-3.65	21.31	<=30	Pass
			2	24.98	-3.65	21.33	<=30	Pass
			3	24.96	-3.65	21.31	<=30	Pass
		6	0	24.01	-3.65	20.36	<=30	Pass
16QAM	1710.7	1	0	23.81	-3.65	20.16	<=30	Pass
			2	23.80	-3.65	20.15	<=30	Pass
			5	23.83	-3.65	20.18	<=30	Pass
		3	0	24.02	-3.65	20.37	<=30	Pass
			2	24.05	-3.65	20.40	<=30	Pass
			3	24.05	-3.65	20.40	<=30	Pass
		6	0	22.86	-3.65	19.21	<=30	Pass
	1745	1	0	23.88	-3.65	20.23	<=30	Pass
			2	23.91	-3.65	20.26	<=30	Pass
			5	23.91	-3.65	20.26	<=30	Pass
		3	0	23.90	-3.65	20.25	<=30	Pass
			2	23.87	-3.65	20.22	<=30	Pass
			3	23.87	-3.65	20.22	<=30	Pass
		6	0	22.75	-3.65	19.10	<=30	Pass
	1779.3	1	0	24.05	-3.65	20.40	<=30	Pass
			2	23.85	-3.65	20.20	<=30	Pass
			5	23.86	-3.65	20.21	<=30	Pass
		3	0	23.97	-3.65	20.32	<=30	Pass
			2	23.97	-3.65	20.32	<=30	Pass
			3	23.98	-3.65	20.33	<=30	Pass
		6	0	22.99	-3.65	19.34	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	24.89	-3.65	21.24	<=30	Pass
			7	24.88	-3.65	21.23	<=30	Pass
			14	24.81	-3.65	21.16	<=30	Pass
		8	0	23.88	-3.65	20.23	<=30	Pass
			4	23.87	-3.65	20.22	<=30	Pass
			7	23.83	-3.65	20.18	<=30	Pass
		15	0	23.84	-3.65	20.19	<=30	Pass
	1745	1	0	24.65	-3.65	21.00	<=30	Pass
			7	24.65	-3.65	21.00	<=30	Pass
			14	24.47	-3.65	20.82	<=30	Pass
		8	0	23.83	-3.65	20.18	<=30	Pass
			4	23.82	-3.65	20.17	<=30	Pass
			7	23.80	-3.65	20.15	<=30	Pass
		15	0	23.83	-3.65	20.18	<=30	Pass
	1778.5	1	0	24.79	-3.65	21.14	<=30	Pass
			7	24.71	-3.65	21.06	<=30	Pass
			14	24.59	-3.65	20.94	<=30	Pass
		8	0	23.96	-3.65	20.31	<=30	Pass
			4	24.00	-3.65	20.35	<=30	Pass
			7	23.98	-3.65	20.33	<=30	Pass
		15	0	23.98	-3.65	20.33	<=30	Pass
16QAM	1711.5	1	0	23.75	-3.65	20.10	<=30	Pass
			7	23.81	-3.65	20.16	<=30	Pass
			14	23.60	-3.65	19.95	<=30	Pass
		8	0	22.92	-3.65	19.27	<=30	Pass
			4	22.92	-3.65	19.27	<=30	Pass
			7	22.91	-3.65	19.26	<=30	Pass
		15	0	22.86	-3.65	19.21	<=30	Pass
	1745	1	0	23.67	-3.65	20.02	<=30	Pass
			7	23.70	-3.65	20.05	<=30	Pass
			14	23.67	-3.65	20.02	<=30	Pass
		8	0	22.82	-3.65	19.17	<=30	Pass
			4	22.80	-3.65	19.15	<=30	Pass
			7	22.77	-3.65	19.12	<=30	Pass
		15	0	22.74	-3.65	19.09	<=30	Pass
	1778.5	1	0	24.03	-3.65	20.38	<=30	Pass
			7	24.04	-3.65	20.39	<=30	Pass
			14	24.06	-3.65	20.41	<=30	Pass
		8	0	23.14	-3.65	19.49	<=30	Pass
			4	23.16	-3.65	19.51	<=30	Pass
			7	23.15	-3.65	19.50	<=30	Pass
		15	0	23.09	-3.65	19.44	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	24.97	-3.65	21.32	<=30	Pass
			13	24.90	-3.65	21.25	<=30	Pass
			24	24.79	-3.65	21.14	<=30	Pass
		12	0	23.88	-3.65	20.23	<=30	Pass
			6	23.82	-3.65	20.17	<=30	Pass
			13	23.82	-3.65	20.17	<=30	Pass
		25	0	23.85	-3.65	20.20	<=30	Pass
	1745	1	0	24.42	-3.65	20.77	<=30	Pass
			13	24.45	-3.65	20.80	<=30	Pass
			24	24.43	-3.65	20.78	<=30	Pass
		12	0	23.90	-3.65	20.25	<=30	Pass
			6	23.88	-3.65	20.23	<=30	Pass
			13	23.79	-3.65	20.14	<=30	Pass
		25	0	23.86	-3.65	20.21	<=30	Pass
	1777.5	1	0	24.62	-3.65	20.97	<=30	Pass
			13	24.58	-3.65	20.93	<=30	Pass
			24	24.65	-3.65	21.00	<=30	Pass
		12	0	24.05	-3.65	20.40	<=30	Pass
			6	23.97	-3.65	20.32	<=30	Pass
			13	23.96	-3.65	20.31	<=30	Pass
		25	0	23.99	-3.65	20.34	<=30	Pass
16QAM	1712.5	1	0	23.49	-3.65	19.84	<=30	Pass
			13	23.46	-3.65	19.81	<=30	Pass
			24	23.45	-3.65	19.80	<=30	Pass
		12	0	22.82	-3.65	19.17	<=30	Pass
			6	22.80	-3.65	19.15	<=30	Pass
			13	22.79	-3.65	19.14	<=30	Pass
		25	0	22.86	-3.65	19.21	<=30	Pass
	1745	1	0	23.72	-3.65	20.07	<=30	Pass
			13	23.67	-3.65	20.02	<=30	Pass
			24	23.65	-3.65	20.00	<=30	Pass
		12	0	22.92	-3.65	19.27	<=30	Pass
			6	22.89	-3.65	19.24	<=30	Pass
			13	22.81	-3.65	19.16	<=30	Pass
		25	0	22.82	-3.65	19.17	<=30	Pass
	1777.5	1	0	23.28	-3.65	19.63	<=30	Pass
			13	23.33	-3.65	19.68	<=30	Pass
			24	23.38	-3.65	19.73	<=30	Pass
		12	0	23.02	-3.65	19.37	<=30	Pass
			6	22.96	-3.65	19.31	<=30	Pass
			13	22.93	-3.65	19.28	<=30	Pass
		25	0	23.01	-3.65	19.36	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	24.89	-3.65	21.24	<=30	Pass
			25	24.94	-3.65	21.29	<=30	Pass
			49	24.93	-3.65	21.28	<=30	Pass
		25	0	23.83	-3.65	20.18	<=30	Pass
			13	23.86	-3.65	20.21	<=30	Pass
			25	23.86	-3.65	20.21	<=30	Pass
		50	0	23.87	-3.65	20.22	<=30	Pass
			0	24.34	-3.65	20.69	<=30	Pass
			25	24.38	-3.65	20.73	<=30	Pass
	1745	1	49	24.34	-3.65	20.69	<=30	Pass
			0	23.90	-3.65	20.25	<=30	Pass
			13	23.86	-3.65	20.21	<=30	Pass
		25	25	23.85	-3.65	20.20	<=30	Pass
			0	23.89	-3.65	20.24	<=30	Pass
			0	24.51	-3.65	20.86	<=30	Pass
		25	25	24.51	-3.65	20.86	<=30	Pass
			49	24.48	-3.65	20.83	<=30	Pass
			0	24.09	-3.65	20.44	<=30	Pass
16QAM	1715	1	13	24.01	-3.65	20.36	<=30	Pass
			25	23.92	-3.65	20.27	<=30	Pass
			0	24.07	-3.65	20.42	<=30	Pass
		25	0	23.46	-3.65	19.81	<=30	Pass
			25	23.42	-3.65	19.77	<=30	Pass
			49	23.42	-3.65	19.77	<=30	Pass
		50	0	22.90	-3.65	19.25	<=30	Pass
			13	22.94	-3.65	19.29	<=30	Pass
			25	22.92	-3.65	19.27	<=30	Pass
	1745	1	0	22.86	-3.65	19.21	<=30	Pass
			0	23.51	-3.65	19.86	<=30	Pass
			25	23.55	-3.65	19.90	<=30	Pass
		25	49	23.51	-3.65	19.86	<=30	Pass
			0	22.91	-3.65	19.26	<=30	Pass
			13	22.87	-3.65	19.22	<=30	Pass
			25	22.84	-3.65	19.19	<=30	Pass
		50	0	22.86	-3.65	19.21	<=30	Pass
			0	23.97	-3.65	20.32	<=30	Pass
	1775	1	25	24.00	-3.65	20.35	<=30	Pass
			49	24.04	-3.65	20.39	<=30	Pass
			0	23.12	-3.65	19.47	<=30	Pass
		25	13	23.06	-3.65	19.41	<=30	Pass
			25	22.97	-3.65	19.32	<=30	Pass
			0	23.03	-3.65	19.38	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	24.74	-3.65	21.09	<=30	Pass
			38	24.83	-3.65	21.18	<=30	Pass
			74	24.55	-3.65	20.90	<=30	Pass
		36	0	23.81	-3.65	20.16	<=30	Pass
			18	23.86	-3.65	20.21	<=30	Pass
			39	23.87	-3.65	20.22	<=30	Pass
		75	0	23.86	-3.65	20.21	<=30	Pass
	1745	1	0	24.35	-3.65	20.70	<=30	Pass
			38	24.32	-3.65	20.67	<=30	Pass
			74	24.27	-3.65	20.62	<=30	Pass
		36	0	23.85	-3.65	20.20	<=30	Pass
			18	23.84	-3.65	20.19	<=30	Pass
			39	23.80	-3.65	20.15	<=30	Pass
		75	0	23.79	-3.65	20.14	<=30	Pass
	1772.5	1	0	24.36	-3.65	20.71	<=30	Pass
			38	24.43	-3.65	20.78	<=30	Pass
			74	24.44	-3.65	20.79	<=30	Pass
		36	0	23.92	-3.65	20.27	<=30	Pass
			18	23.95	-3.65	20.30	<=30	Pass
			39	23.89	-3.65	20.24	<=30	Pass
		75	0	23.91	-3.65	20.26	<=30	Pass
16QAM	1717.5	1	0	23.76	-3.65	20.11	<=30	Pass
			38	23.83	-3.65	20.18	<=30	Pass
			74	23.79	-3.65	20.14	<=30	Pass
		36	0	22.79	-3.65	19.14	<=30	Pass
			18	22.86	-3.65	19.21	<=30	Pass
			39	22.88	-3.65	19.23	<=30	Pass
		75	0	22.83	-3.65	19.18	<=30	Pass
	1745	1	0	23.48	-3.65	19.83	<=30	Pass
			38	23.53	-3.65	19.88	<=30	Pass
			74	23.47	-3.65	19.82	<=30	Pass
		36	0	22.82	-3.65	19.17	<=30	Pass
			18	22.83	-3.65	19.18	<=30	Pass
			39	22.77	-3.65	19.12	<=30	Pass
		75	0	22.83	-3.65	19.18	<=30	Pass
	1772.5	1	0	23.91	-3.65	20.26	<=30	Pass
			38	24.02	-3.65	20.37	<=30	Pass
			74	24.03	-3.65	20.38	<=30	Pass
		36	0	22.94	-3.65	19.29	<=30	Pass
			18	23.00	-3.65	19.35	<=30	Pass
			39	22.92	-3.65	19.27	<=30	Pass
		75	0	22.91	-3.65	19.26	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	24.81	-3.65	21.16	<=30	Pass
			50	24.90	-3.65	21.25	<=30	Pass
			99	24.88	-3.65	21.23	<=30	Pass
		50	0	23.87	-3.65	20.22	<=30	Pass
			25	23.92	-3.65	20.27	<=30	Pass
			50	23.91	-3.65	20.26	<=30	Pass
		100	0	23.90	-3.65	20.25	<=30	Pass
			0	24.32	-3.65	20.67	<=30	Pass
			50	24.39	-3.65	20.74	<=30	Pass
	1745	1	99	24.31	-3.65	20.66	<=30	Pass
			0	23.82	-3.65	20.17	<=30	Pass
			25	23.90	-3.65	20.25	<=30	Pass
		50	50	23.73	-3.65	20.08	<=30	Pass
			0	23.76	-3.65	20.11	<=30	Pass
			0	24.33	-3.65	20.68	<=30	Pass
		1	50	24.46	-3.65	20.81	<=30	Pass
			99	24.48	-3.65	20.83	<=30	Pass
			0	23.81	-3.65	20.16	<=30	Pass
	1770	50	25	23.96	-3.65	20.31	<=30	Pass
			50	23.77	-3.65	20.12	<=30	Pass
			0	23.78	-3.65	20.13	<=30	Pass
16QAM	1720	1	0	23.85	-3.65	20.20	<=30	Pass
			50	23.93	-3.65	20.28	<=30	Pass
			99	23.93	-3.65	20.28	<=30	Pass
		50	0	22.85	-3.65	19.20	<=30	Pass
			25	22.87	-3.65	19.22	<=30	Pass
			50	22.89	-3.65	19.24	<=30	Pass
		100	0	22.87	-3.65	19.22	<=30	Pass
			0	23.53	-3.65	19.88	<=30	Pass
			50	23.62	-3.65	19.97	<=30	Pass
	1745	1	99	23.51	-3.65	19.86	<=30	Pass
			0	22.80	-3.65	19.15	<=30	Pass
			25	22.88	-3.65	19.23	<=30	Pass
		50	50	22.72	-3.65	19.07	<=30	Pass
			0	22.74	-3.65	19.09	<=30	Pass
			0	23.61	-3.65	19.96	<=30	Pass
		1	50	23.75	-3.65	20.10	<=30	Pass
			99	23.75	-3.65	20.10	<=30	Pass
			0	22.77	-3.65	19.12	<=30	Pass
	1770	50	25	22.93	-3.65	19.28	<=30	Pass
			50	22.74	-3.65	19.09	<=30	Pass
			0	22.75	-3.65	19.10	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / 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	1710.7	6	0	20	3.27	-2.875	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
					4.43	7.682	0.0045	-2.5 to 2.5	Pass
				-30	3.85	9.384	0.0055	-2.5 to 2.5	Pass
				-20	3.85	9.956	0.0058	-2.5 to 2.5	Pass
				-10	3.85	-15.264	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-9.012	-0.0053	-2.5 to 2.5	Pass
				10	3.85	8.383	0.0049	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				40	3.85	6.208	0.0036	-2.5 to 2.5	Pass
				50	3.85	7.753	0.0045	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	2.389	0.0014	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
					4.43	-5.221	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	4.191	0.0024	-2.5 to 2.5	Pass
				-10	3.85	14.706	0.0084	-2.5 to 2.5	Pass
				0	3.85	9.670	0.0055	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				30	3.85	9.041	0.0052	-2.5 to 2.5	Pass
				40	3.85	5.779	0.0033	-2.5 to 2.5	Pass
				50	3.85	12.417	0.0071	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-10.757	-0.0060	-2.5 to 2.5	Pass
					3.85	-9.441	-0.0053	-2.5 to 2.5	Pass
					4.43	-7.825	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	10.099	0.0057	-2.5 to 2.5	Pass
				-20	3.85	-9.756	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-9.227	-0.0052	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-6.766	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
					4.43	6.552	0.0038	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-8.640	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	3.85	11.916	0.0070	-2.5 to 2.5	Pass
				50	3.85	3.147	0.0018	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-8.855	-0.0051	-2.5 to 2.5	Pass
					3.85	1.688	0.0010	-2.5 to 2.5	Pass
					4.43	9.499	0.0054	-2.5 to 2.5	Pass
				-30	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	5.379	0.0031	-2.5 to 2.5	Pass

				0	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				30	3.85	-10.815	-0.0062	-2.5 to 2.5	Pass
				40	3.85	8.969	0.0051	-2.5 to 2.5	Pass
				50	3.85	15.893	0.0091	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-7.324	-0.0041	-2.5 to 2.5	Pass
					3.85	9.613	0.0054	-2.5 to 2.5	Pass
					4.43	9.656	0.0054	-2.5 to 2.5	Pass
				-30	3.85	11.287	0.0063	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.85	5.722	0.0032	-2.5 to 2.5	Pass
				10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				40	3.85	18.196	0.0102	-2.5 to 2.5	Pass
				50	3.85	10.672	0.0060	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	3.662	0.0021	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	8.526	0.0050	-2.5 to 2.5	Pass
				-30	3.85	5.836	0.0034	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-9.413	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0007	-2.5 to 2.5	Pass
	1745	15	0	50	3.85	6.452	0.0038	-2.5 to 2.5	Pass
				20	3.27	12.503	0.0072	-2.5 to 2.5	Pass
					3.85	2.403	0.0014	-2.5 to 2.5	Pass
					4.43	6.995	0.0040	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	5.479	0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-9.141	-0.0052	-2.5 to 2.5	Pass
				30	3.85	2.232	0.0013	-2.5 to 2.5	Pass
	1778.5	15	0	40	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				50	3.85	5.851	0.0034	-2.5 to 2.5	Pass
				20	3.27	6.881	0.0039	-2.5 to 2.5	Pass
					3.85	2.804	0.0016	-2.5 to 2.5	Pass
					4.43	7.682	0.0043	-2.5 to 2.5	Pass
				-30	3.85	11.215	0.0063	-2.5 to 2.5	Pass
				-20	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	5.651	0.0032	-2.5 to 2.5	Pass
				0	3.85	9.027	0.0051	-2.5 to 2.5	Pass
				10	3.85	13.247	0.0074	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.85	-15.779	-0.0092	-2.5 to 2.5	Pass
					4.43	3.061	0.0018	-2.5 to 2.5	Pass
					3.27	8.812	0.0051	-2.5 to 2.5	Pass

				-30	3.85	-9.785	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				40	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	12.445	0.0073	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-2.303	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
					4.43	1.674	0.0010	-2.5 to 2.5	Pass
				-30	3.85	7.725	0.0044	-2.5 to 2.5	Pass
				-20	3.85	12.517	0.0072	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				10	3.85	4.792	0.0027	-2.5 to 2.5	Pass
				30	3.85	-16.537	-0.0095	-2.5 to 2.5	Pass
				40	3.85	8.683	0.0050	-2.5 to 2.5	Pass
				50	3.85	-12.474	-0.0071	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	9.670	0.0054	-2.5 to 2.5	Pass
					3.85	4.363	0.0025	-2.5 to 2.5	Pass
					4.43	9.227	0.0052	-2.5 to 2.5	Pass
				-30	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	9.456	0.0053	-2.5 to 2.5	Pass
				0	3.85	-9.556	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-10.800	-0.0061	-2.5 to 2.5	Pass
				30	3.85	10.114	0.0057	-2.5 to 2.5	Pass
				40	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				50	3.85	6.938	0.0039	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-4.091	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
					4.43	4.935	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				0	3.85	3.362	0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				30	3.85	4.735	0.0028	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	1.216	0.0007	-2.5 to 2.5	Pass
					3.85	12.045	0.0069	-2.5 to 2.5	Pass
					4.43	6.294	0.0036	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.991	0.0023	-2.5 to 2.5	Pass
				0	3.85	4.706	0.0027	-2.5 to 2.5	Pass
				10	3.85	5.622	0.0032	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0041	-2.5 to 2.5	Pass
				40	3.85	4.249	0.0024	-2.5 to 2.5	Pass
				50	3.85	8.469	0.0049	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	8.955	0.0050	-2.5 to 2.5	Pass
					3.85	10.557	0.0059	-2.5 to 2.5	Pass
					4.43	-3.347	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	5.121	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	13.204	0.0074	-2.5 to 2.5	Pass
				0	3.85	3.333	0.0019	-2.5 to 2.5	Pass
				10	3.85	14.634	0.0082	-2.5 to 2.5	Pass
				30	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	4.678	0.0027	-2.5 to 2.5	Pass
					3.85	2.232	0.0013	-2.5 to 2.5	Pass
					4.43	7.839	0.0046	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.977	0.0023	-2.5 to 2.5	Pass
				-10	3.85	4.377	0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0021	-2.5 to 2.5	Pass
				10	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				40	3.85	2.346	0.0014	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-0.143	-0.0001	-2.5 to 2.5	Pass
					3.85	3.805	0.0022	-2.5 to 2.5	Pass
					4.43	-5.279	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	10.257	0.0059	-2.5 to 2.5	Pass
				-10	3.85	7.610	0.0044	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				10	3.85	8.798	0.0050	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				40	3.85	-10.042	-0.0058	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	0.644	0.0004	-2.5 to 2.5	Pass
					3.85	4.320	0.0024	-2.5 to 2.5	Pass
					4.43	1.044	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	11.873	0.0067	-2.5 to 2.5	Pass
				-10	3.85	8.726	0.0049	-2.5 to 2.5	Pass
				0	3.85	8.640	0.0049	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.85	5.693	0.0032	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	6.366	0.0036	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	1.674	0.0010	-2.5 to 2.5	Pass
					3.85	2.174	0.0013	-2.5 to 2.5	Pass
					4.43	2.060	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.090	0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.333	0.0019	-2.5 to 2.5	Pass
				0	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.948	0.0023	-2.5 to 2.5	Pass

				30	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				50	3.85	5.436	0.0032	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	2.875	0.0016	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	2.961	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				0	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	14.076	0.0079	-2.5 to 2.5	Pass
					3.85	3.905	0.0022	-2.5 to 2.5	Pass
					4.43	6.967	0.0039	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				30	3.85	4.606	0.0026	-2.5 to 2.5	Pass
				40	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				50	3.85	2.418	0.0014	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	4.292	0.0025	-2.5 to 2.5	Pass
					3.85	4.363	0.0025	-2.5 to 2.5	Pass
					4.43	4.091	0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				-20	3.85	4.921	0.0029	-2.5 to 2.5	Pass
				-10	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	3.061	0.0018	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	3.605	0.0021	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
					4.43	0.429	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				-10	3.85	4.721	0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.216	0.0007	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	4.792	0.0027	-2.5 to 2.5	Pass
					3.85	7.482	0.0042	-2.5 to 2.5	Pass
					4.43	8.326	0.0047	-2.5 to 2.5	Pass
				-30	3.85	11.086	0.0062	-2.5 to 2.5	Pass
				-20	3.85	6.008	0.0034	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	7.768	0.0044	-2.5 to 2.5	Pass
				10	3.85	8.569	0.0048	-2.5 to 2.5	Pass
				30	3.85	5.336	0.0030	-2.5 to 2.5	Pass
				40	3.85	2.933	0.0017	-2.5 to 2.5	Pass
				50	3.85	1.559	0.0009	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	5.507	0.0032	-2.5 to 2.5	Pass
					3.85	2.346	0.0014	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.937	0.0035	-2.5 to 2.5	Pass
				-20	3.85	4.849	0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				0	3.85	6.280	0.0037	-2.5 to 2.5	Pass
				10	3.85	5.493	0.0032	-2.5 to 2.5	Pass
				30	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				40	3.85	5.107	0.0030	-2.5 to 2.5	Pass
				50	3.85	6.337	0.0037	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	5.593	0.0032	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
					4.43	6.552	0.0038	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				-10	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				0	3.85	4.864	0.0028	-2.5 to 2.5	Pass
				10	3.85	5.937	0.0034	-2.5 to 2.5	Pass
				30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				40	3.85	4.678	0.0027	-2.5 to 2.5	Pass
				50	3.85	8.254	0.0047	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.472	0.0003	-2.5 to 2.5	Pass
					3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	3.762	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.905	0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				10	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				40	3.85	2.460	0.0014	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	3.748	0.0022	-2.5 to 2.5	Pass
					3.85	4.463	0.0026	-2.5 to 2.5	Pass
					4.43	-1.202	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	4.478	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	5.822	0.0034	-2.5 to 2.5	Pass
				10	3.85	3.805	0.0022	-2.5 to 2.5	Pass
				30	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				50	3.85	2.217	0.0013	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	1.702	0.0010	-2.5 to 2.5	Pass
					3.85	4.807	0.0028	-2.5 to 2.5	Pass
					4.43	5.150	0.0030	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	7.167	0.0041	-2.5 to 2.5	Pass
				-10	3.85	4.549	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				30	3.85	5.150	0.0030	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				50	3.85	5.522	0.0032	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.27	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
					4.43	1.974	0.0011	-2.5 to 2.5	Pass
				-30	3.85	6.180	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				40	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
					4.43	2.360	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				-10	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				0	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				10	3.85	6.881	0.0040	-2.5 to 2.5	Pass
				30	3.85	2.875	0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.220	-0.0025	-2.5 to 2.5	Pass
				50	3.85	4.621	0.0027	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	5.479	0.0031	-2.5 to 2.5	Pass
					3.85	1.359	0.0008	-2.5 to 2.5	Pass
					4.43	3.834	0.0022	-2.5 to 2.5	Pass
				-30	3.85	6.366	0.0036	-2.5 to 2.5	Pass
				-20	3.85	4.377	0.0025	-2.5 to 2.5	Pass
				-10	3.85	6.909	0.0040	-2.5 to 2.5	Pass
				0	3.85	2.346	0.0013	-2.5 to 2.5	Pass
				10	3.85	4.520	0.0026	-2.5 to 2.5	Pass
				30	3.85	8.340	0.0048	-2.5 to 2.5	Pass
				40	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				50	3.85	3.276	0.0019	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	4.449	0.0025	-2.5 to 2.5	Pass
					3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
					4.43	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.277	-0.0024	-2.5 to 2.5	Pass
				50	3.85	2.031	0.0011	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
					4.43	5.751	0.0033	-2.5 to 2.5	Pass
				-30	3.85	3.390	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	5.722	0.0033	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				10	3.85	3.147	0.0018	-2.5 to 2.5	Pass

				30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.529	0.0003	-2.5 to 2.5	Pass
					3.85	4.992	0.0029	-2.5 to 2.5	Pass
					4.43	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	9.027	0.0052	-2.5 to 2.5	Pass
				0	3.85	4.907	0.0028	-2.5 to 2.5	Pass
				10	3.85	5.922	0.0034	-2.5 to 2.5	Pass
				30	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				40	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				50	3.85	2.689	0.0015	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	2.432	0.0014	-2.5 to 2.5	Pass
					3.85	3.605	0.0020	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.189	0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

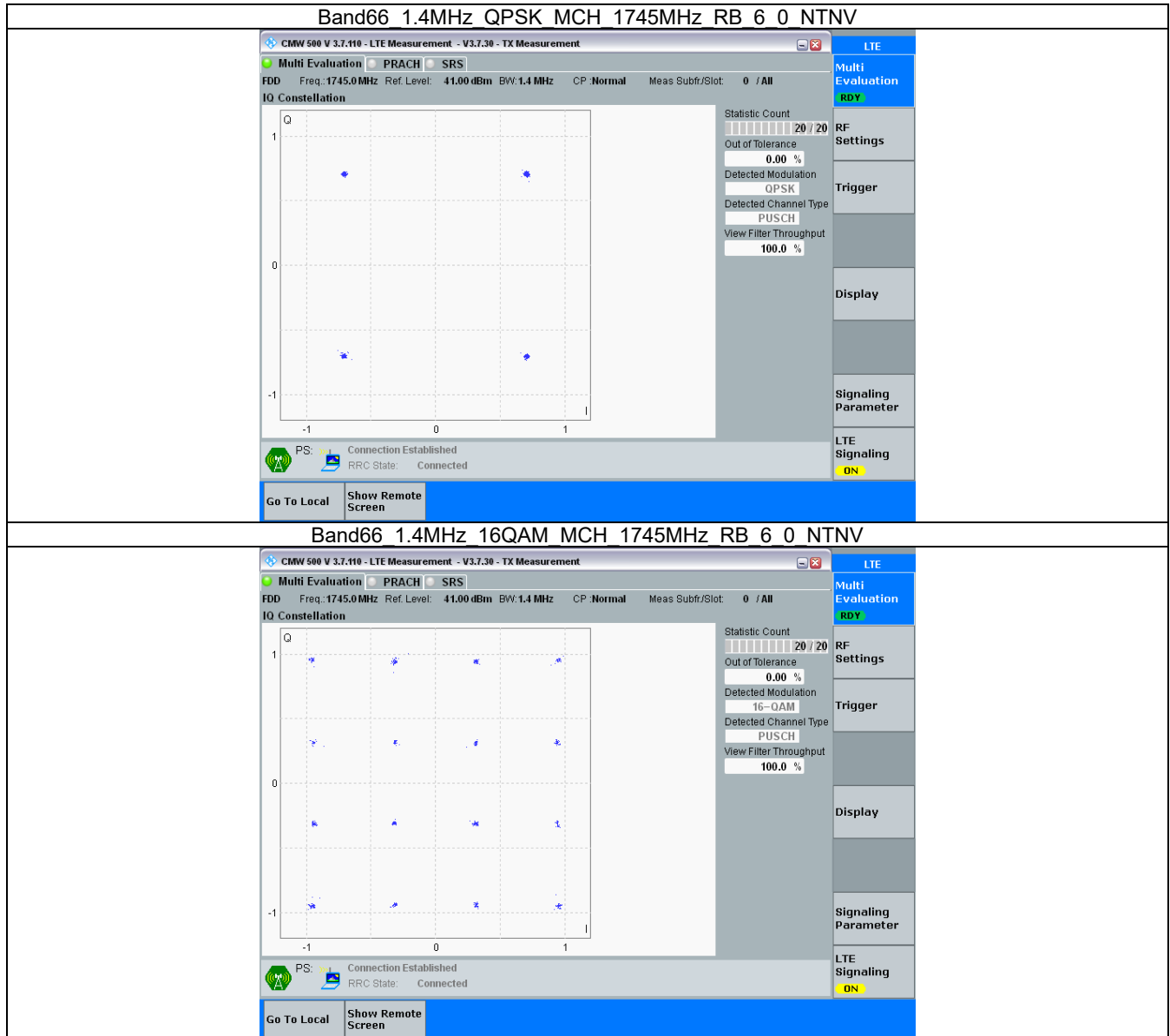
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

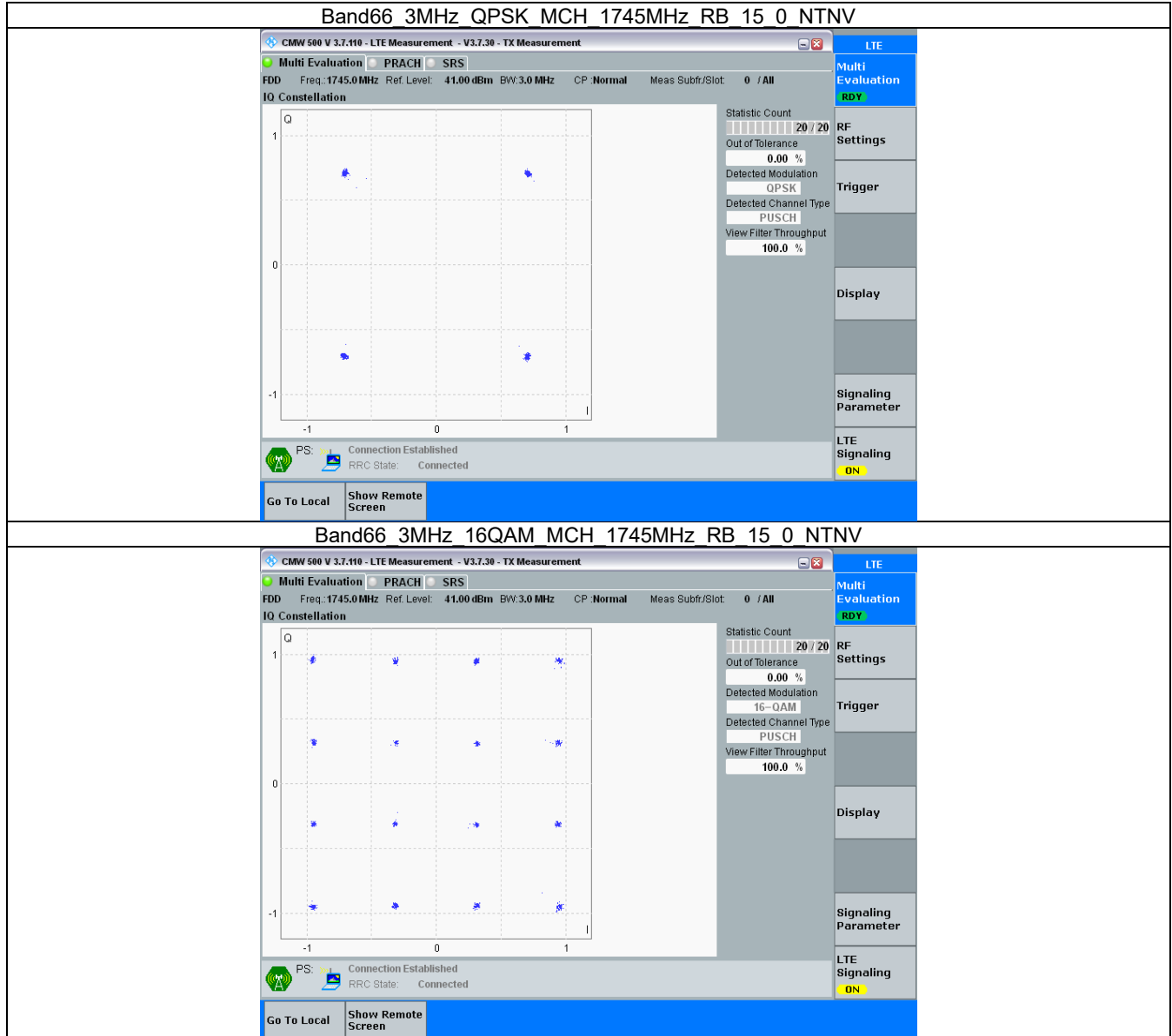
Band: 66 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

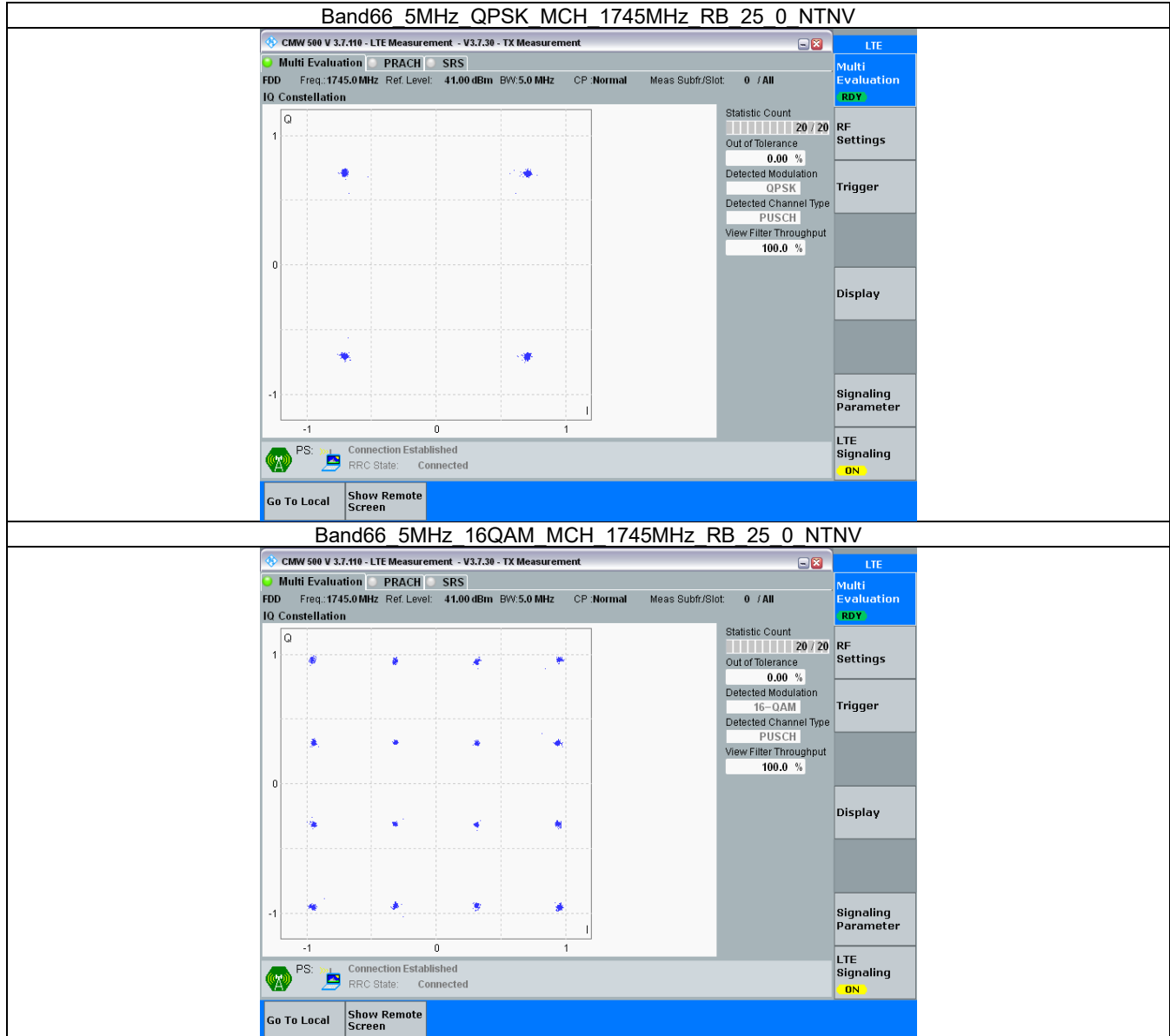
3.2.1 B66_1.4MHz



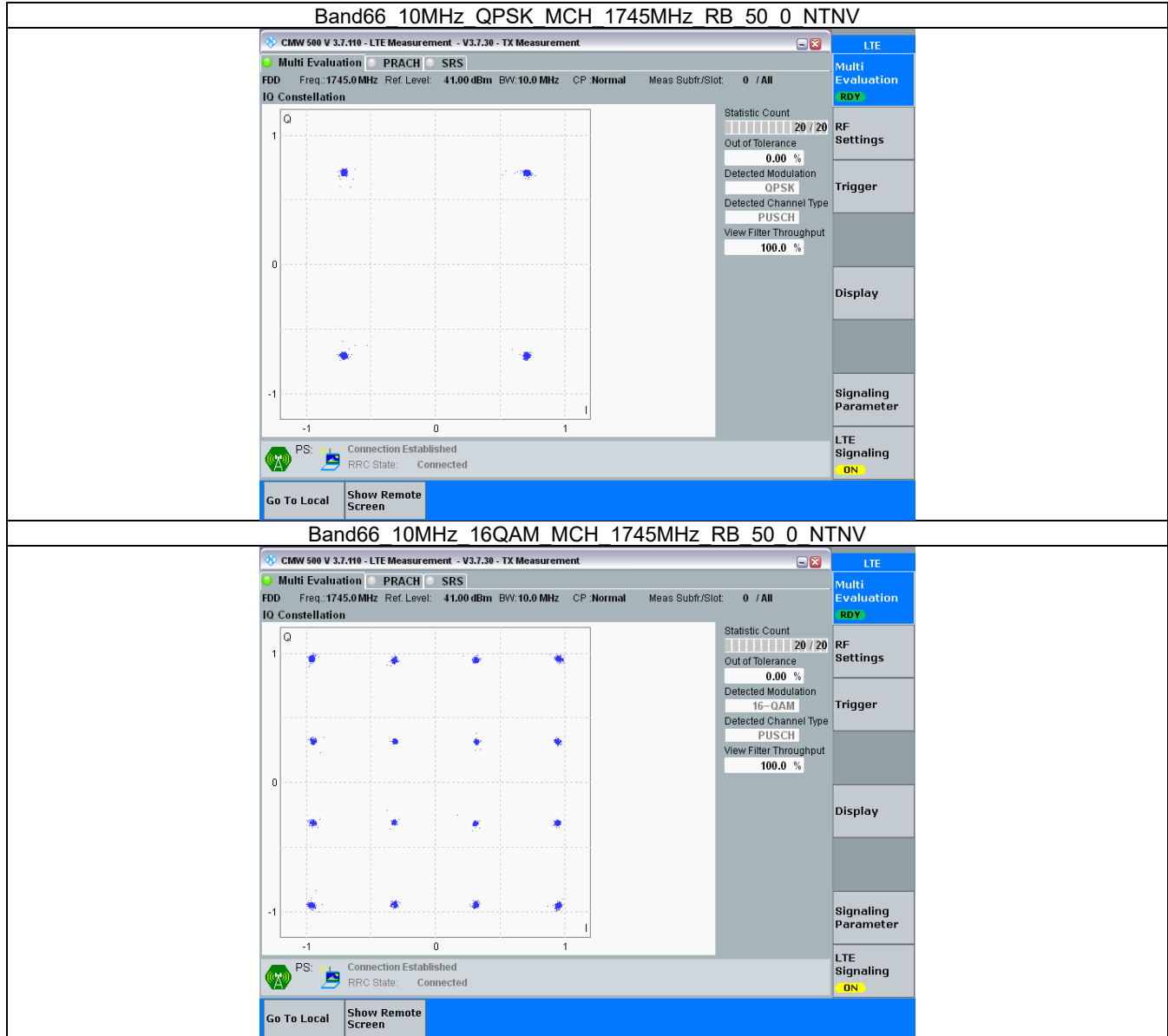
3.2.2 B66_3MHz



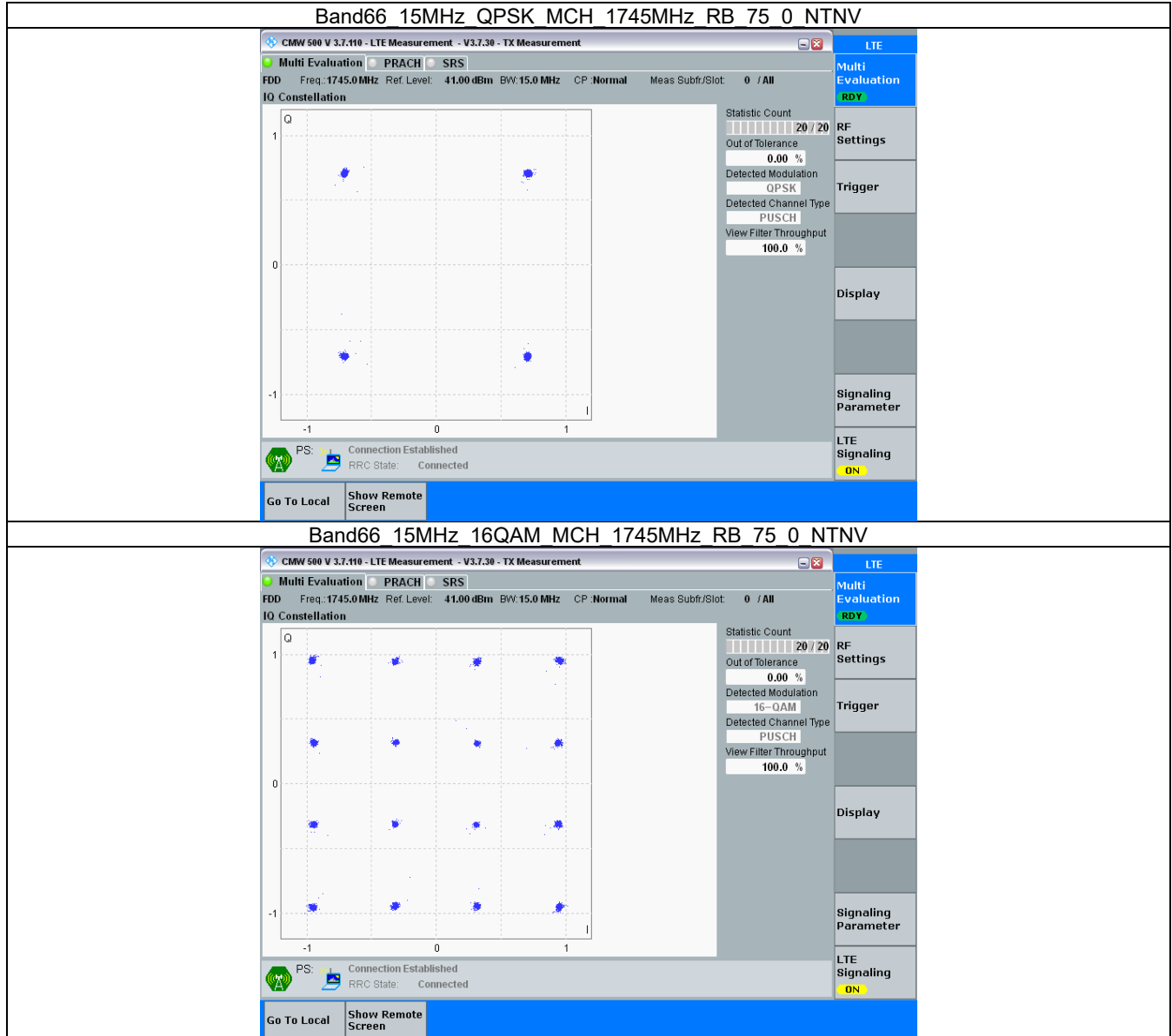
3.2.3 B66_5MHz



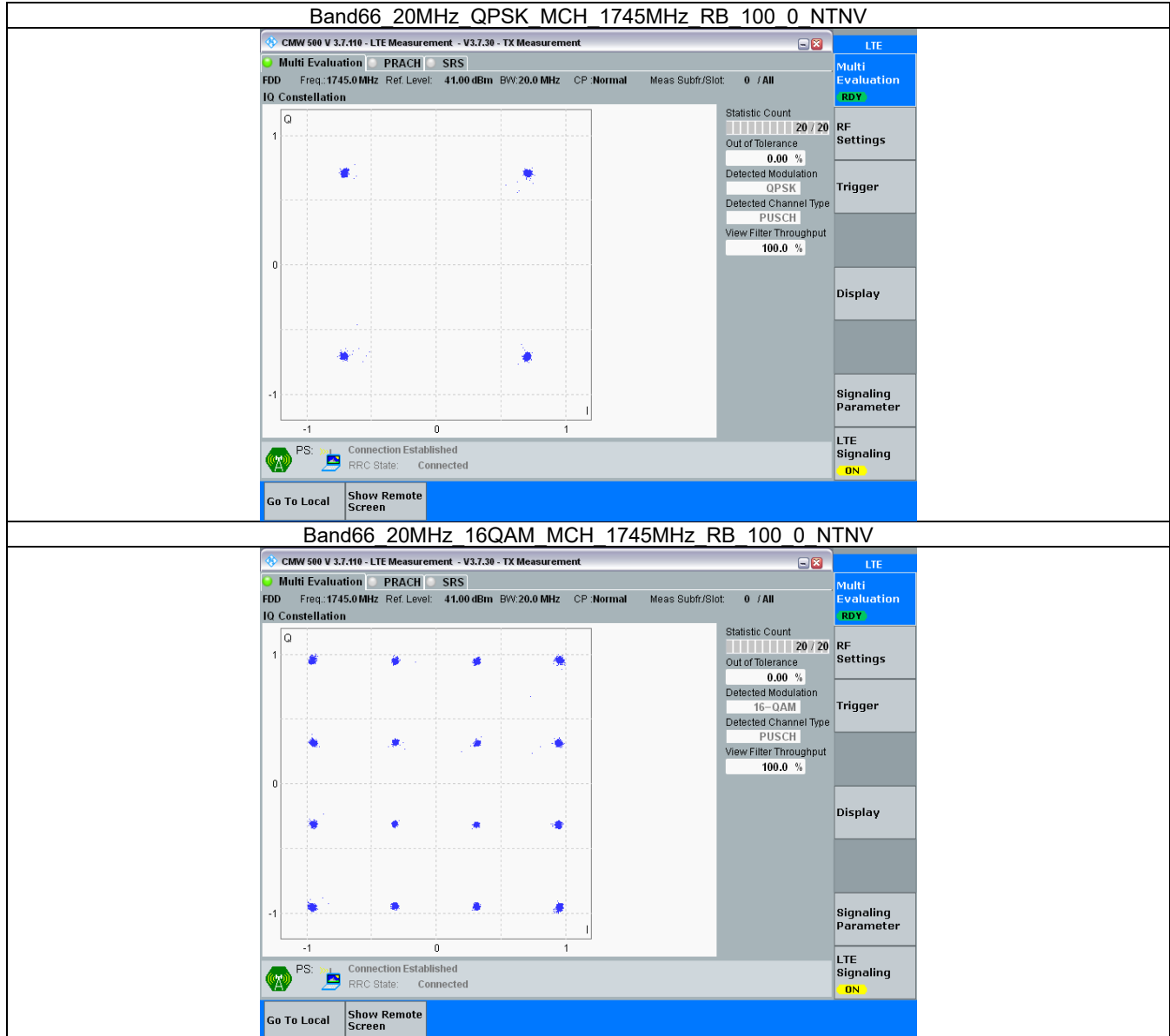
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.119	/	Pass
		1779.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.110	/	Pass
3	QPSK	1711.5	15	0	2.741	/	Pass
		1745	15	0	2.735	/	Pass
		1778.5	15	0	2.734	/	Pass
	16QAM	1711.5	15	0	2.726	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.542	/	Pass
		1745	25	0	4.538	/	Pass
		1777.5	25	0	4.557	/	Pass
	16QAM	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.553	/	Pass
		1777.5	25	0	4.531	/	Pass
10	QPSK	1715	50	0	9.054	/	Pass
		1745	50	0	9.049	/	Pass
		1775	50	0	9.063	/	Pass
	16QAM	1715	50	0	9.037	/	Pass
		1745	50	0	9.050	/	Pass
		1775	50	0	9.093	/	Pass
15	QPSK	1717.5	75	0	13.555	/	Pass
		1745	75	0	13.540	/	Pass
		1772.5	75	0	13.567	/	Pass
	16QAM	1717.5	75	0	13.590	/	Pass
		1745	75	0	13.562	/	Pass
		1772.5	75	0	13.564	/	Pass
20	QPSK	1720	100	0	18.106	/	Pass
		1745	100	0	18.070	/	Pass
		1770	100	0	17.997	/	Pass
	16QAM	1720	100	0	18.122	/	Pass
		1745	100	0	18.022	/	Pass
		1770	100	0	17.990	/	Pass

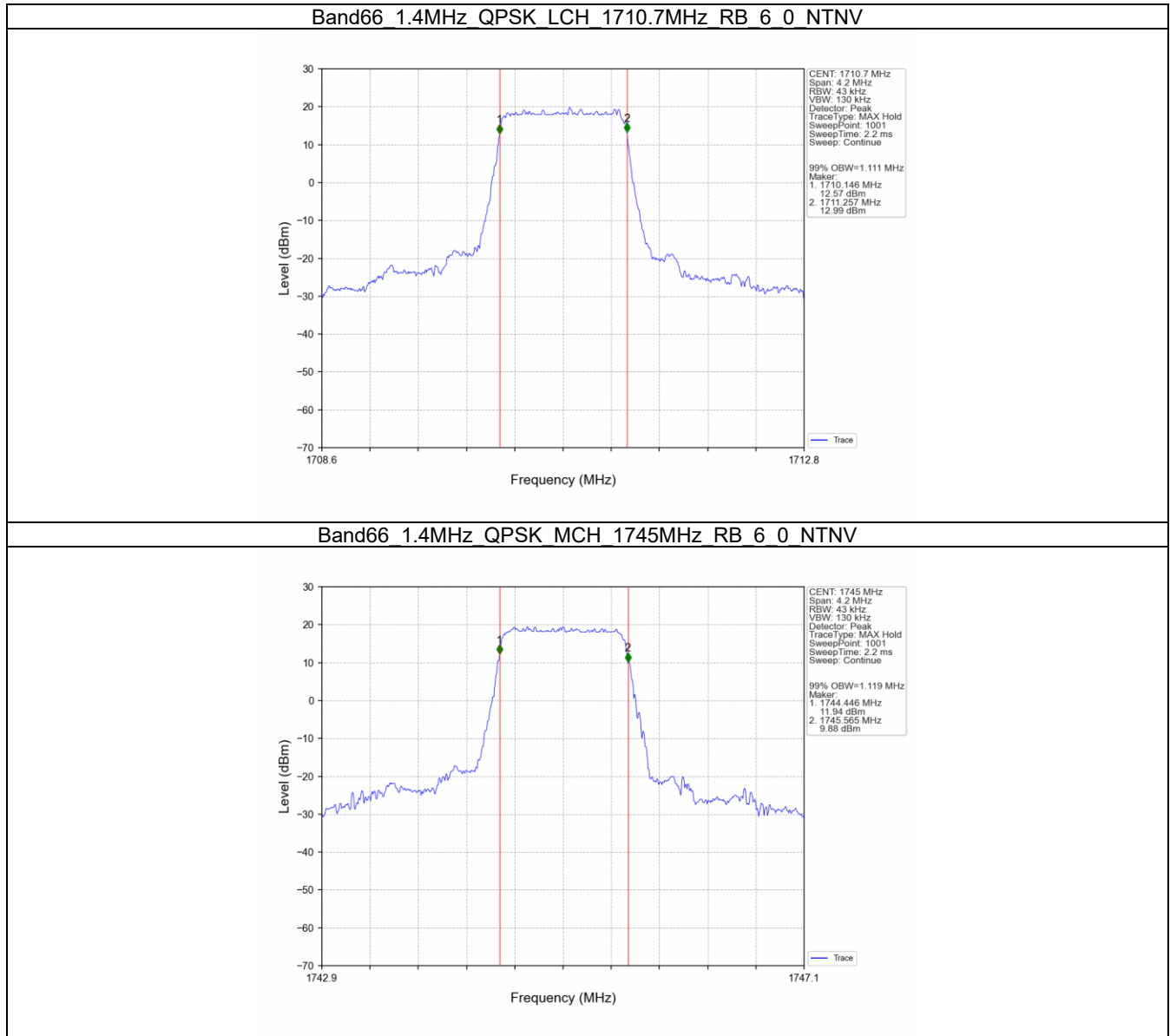
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.305	/	Pass
		1745	6	0	1.339	/	Pass
		1779.3	6	0	1.329	/	Pass

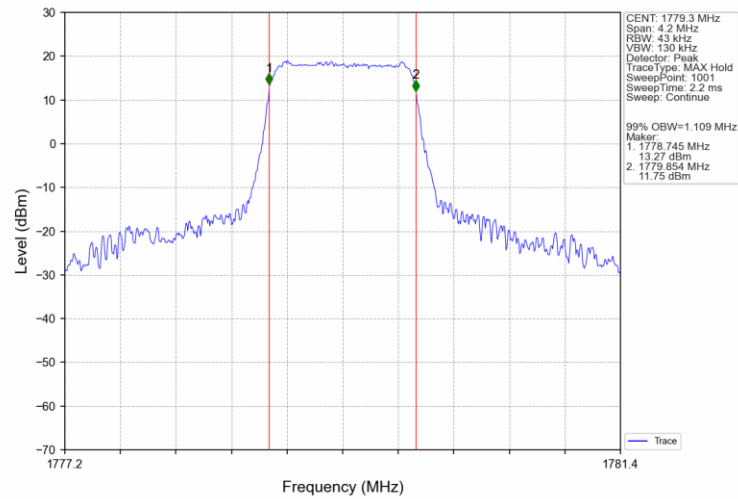
	16QAM	1710.7	6	0	1.327	/	Pass
		1745	6	0	1.316	/	Pass
		1779.3	6	0	1.334	/	Pass
3	QPSK	1711.5	15	0	3.018	/	Pass
		1745	15	0	3.011	/	Pass
		1778.5	15	0	3.023	/	Pass
	16QAM	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.001	/	Pass
		1778.5	15	0	3.000	/	Pass
5	QPSK	1712.5	25	0	5.079	/	Pass
		1745	25	0	5.053	/	Pass
		1777.5	25	0	5.084	/	Pass
	16QAM	1712.5	25	0	5.080	/	Pass
		1745	25	0	5.074	/	Pass
		1777.5	25	0	5.045	/	Pass
10	QPSK	1715	50	0	10.009	/	Pass
		1745	50	0	9.986	/	Pass
		1775	50	0	9.908	/	Pass
	16QAM	1715	50	0	10.015	/	Pass
		1745	50	0	9.933	/	Pass
		1775	50	0	9.909	/	Pass
15	QPSK	1717.5	75	0	14.999	/	Pass
		1745	75	0	14.861	/	Pass
		1772.5	75	0	15.011	/	Pass
	16QAM	1717.5	75	0	14.856	/	Pass
		1745	75	0	14.971	/	Pass
		1772.5	75	0	14.857	/	Pass
20	QPSK	1720	100	0	19.887	/	Pass
		1745	100	0	19.693	/	Pass
		1770	100	0	19.634	/	Pass
	16QAM	1720	100	0	19.953	/	Pass
		1745	100	0	19.809	/	Pass
		1770	100	0	19.738	/	Pass

4.2 Test Graph

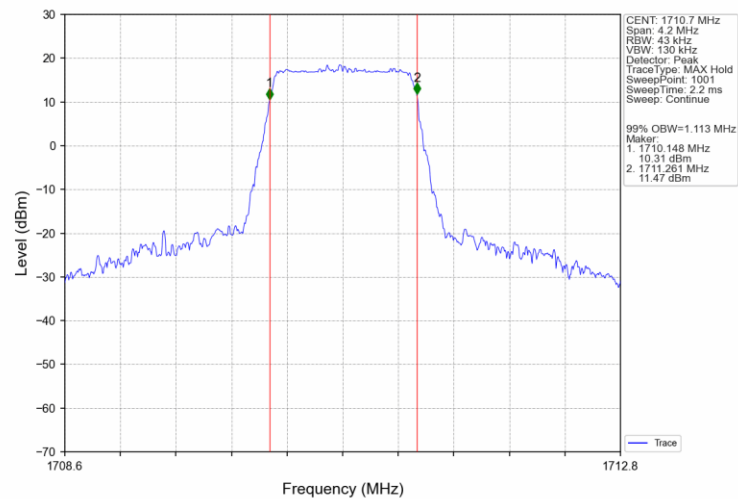
4.2.1 Band66_OBW



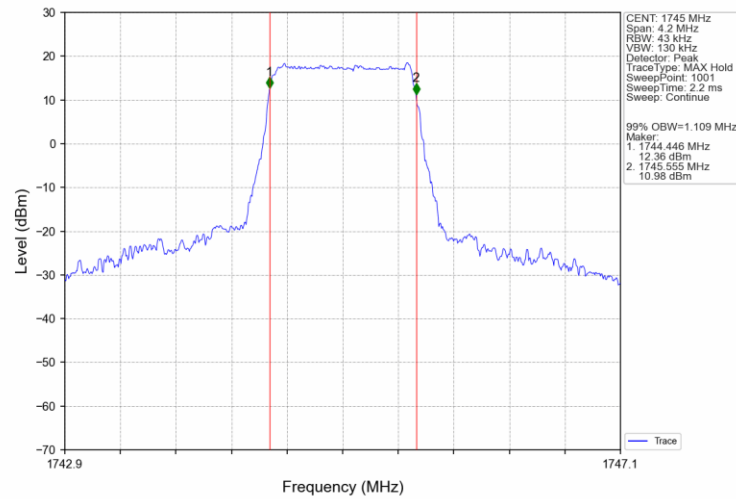
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



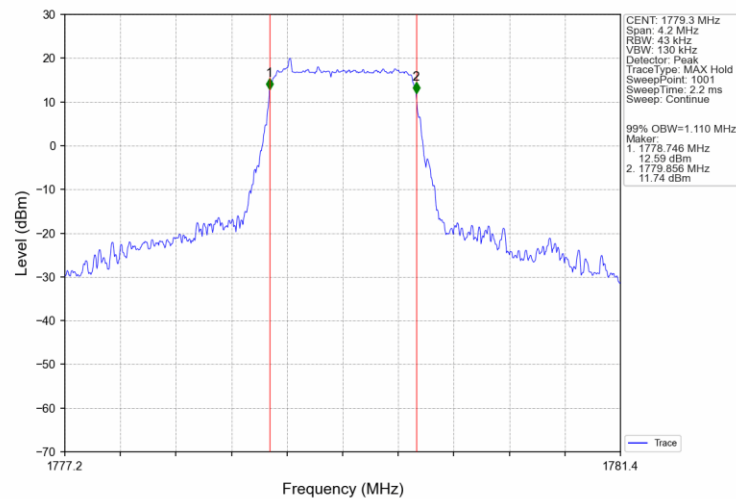
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



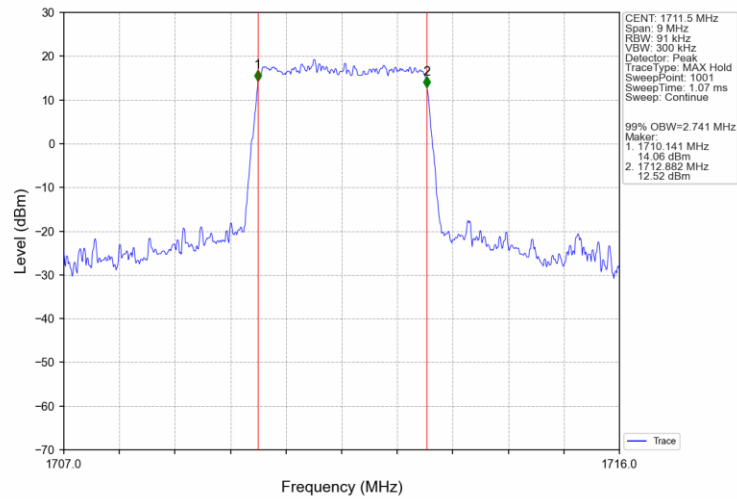
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



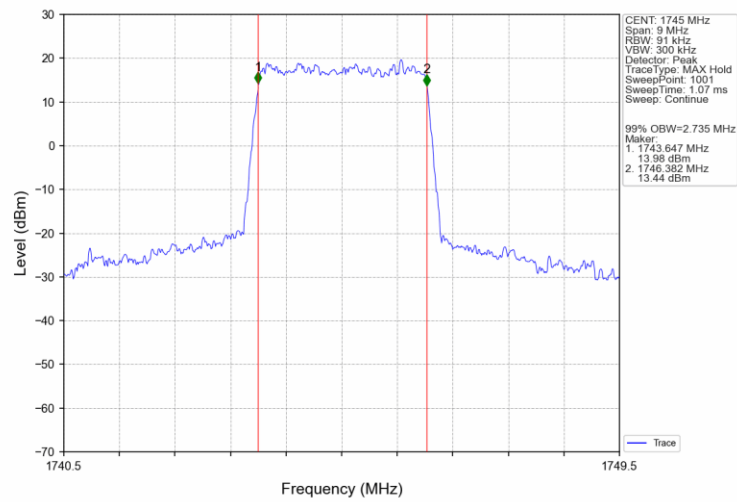
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



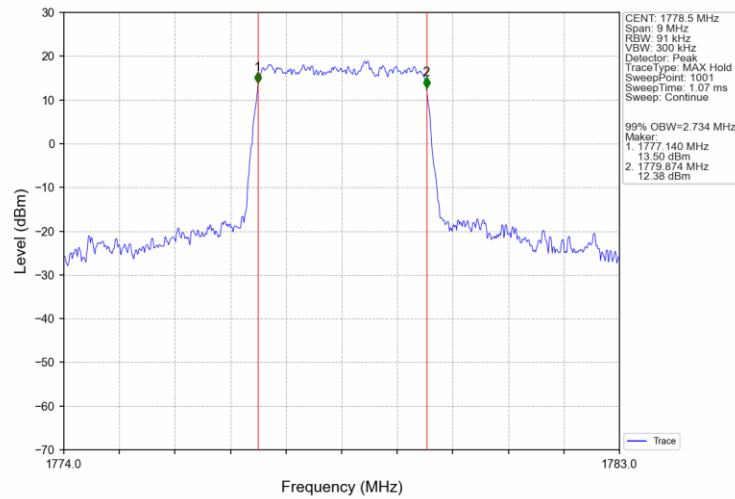
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



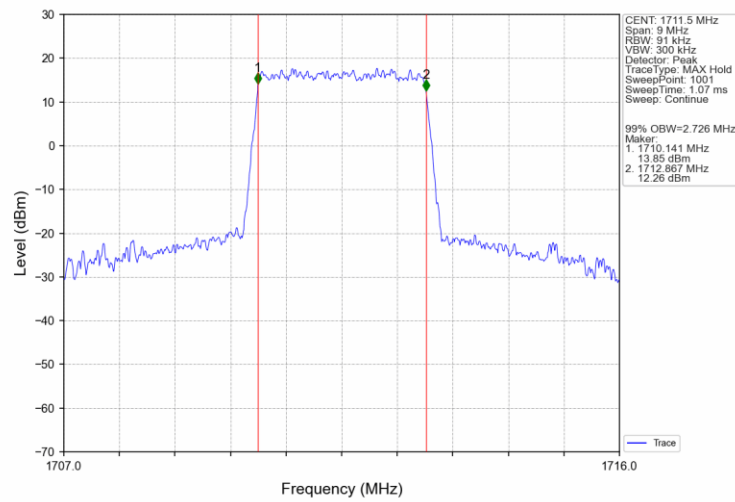
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



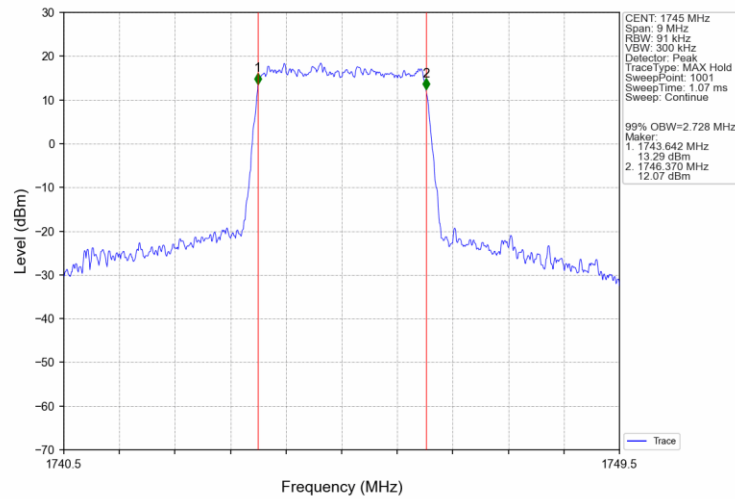
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



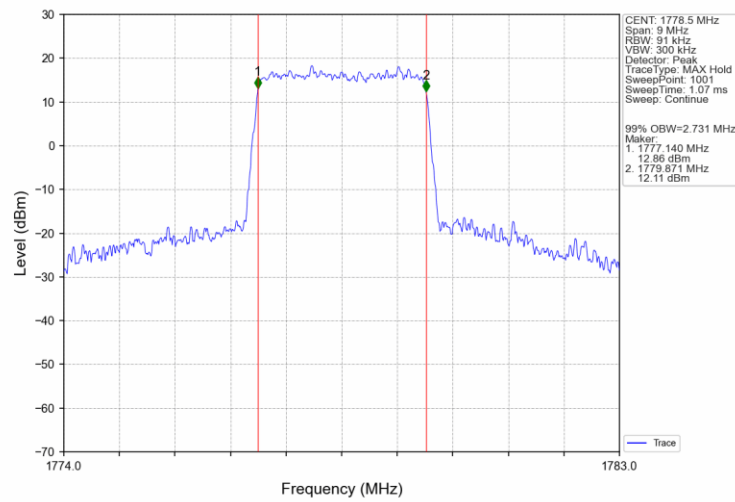
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



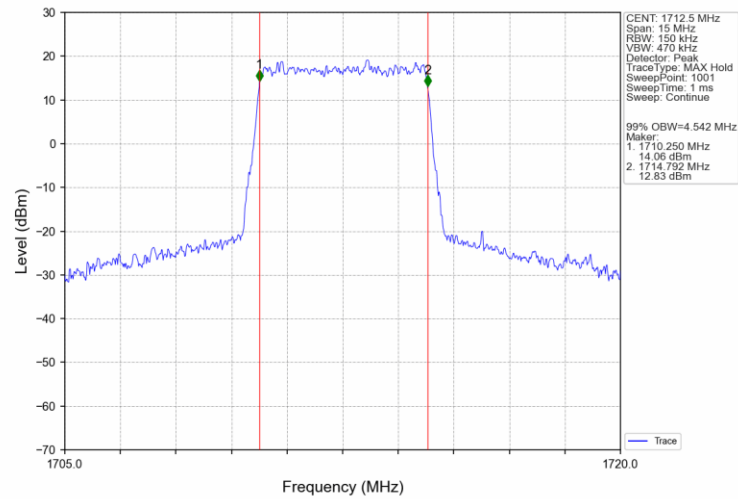
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



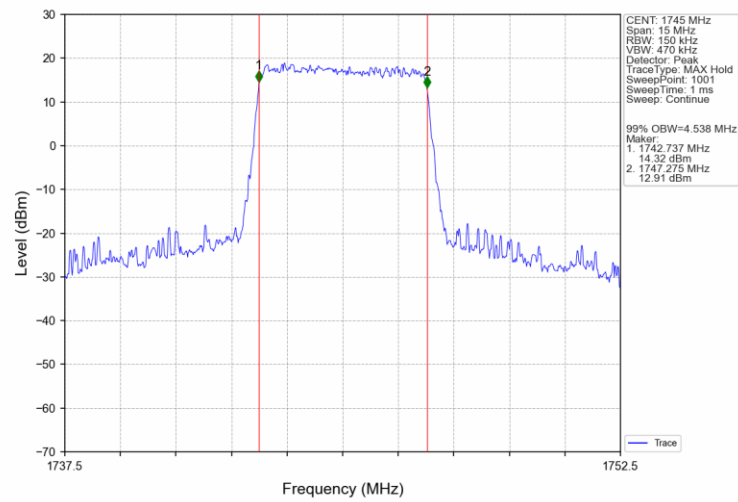
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



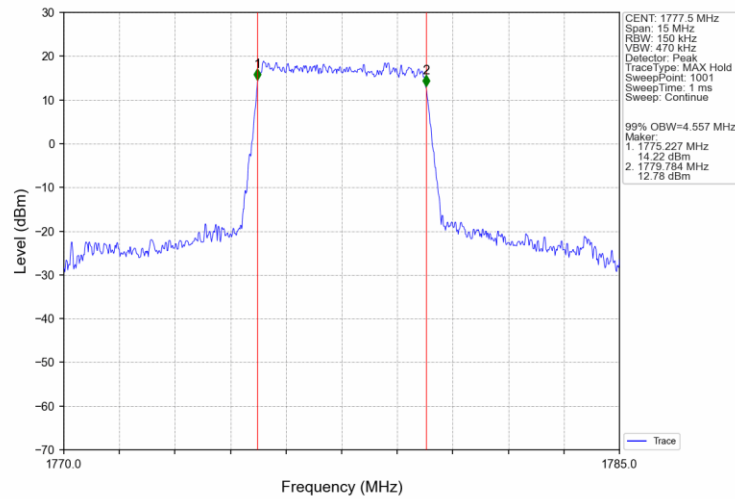
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



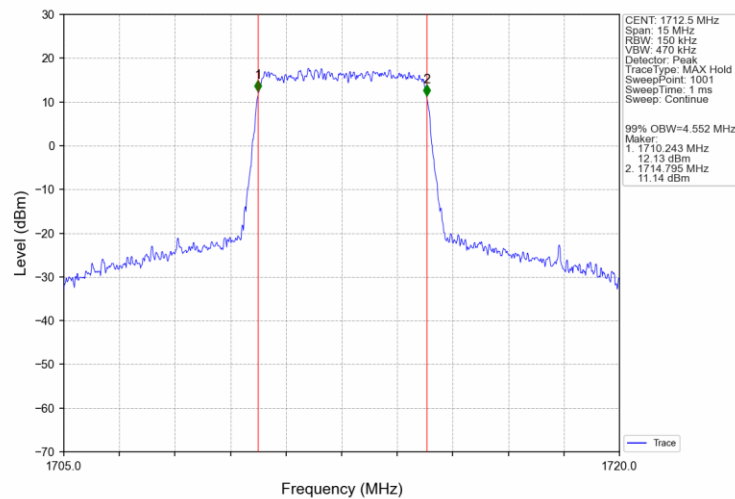
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



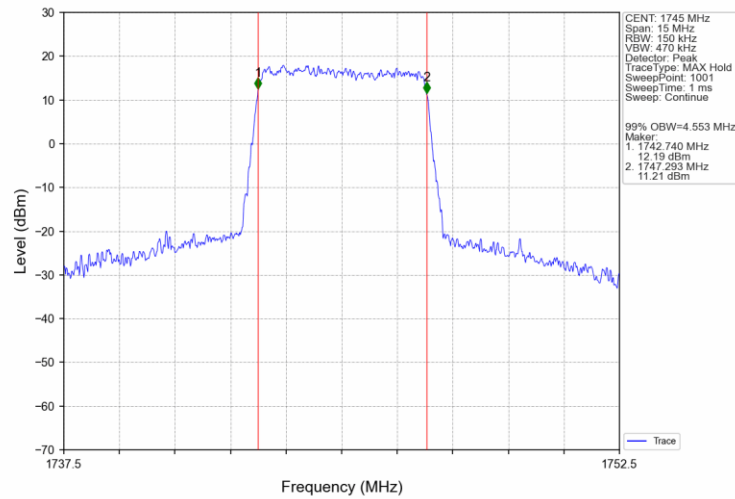
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



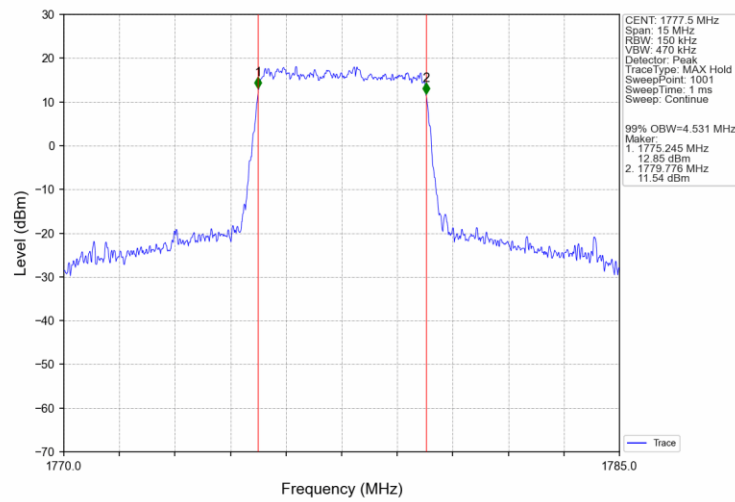
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



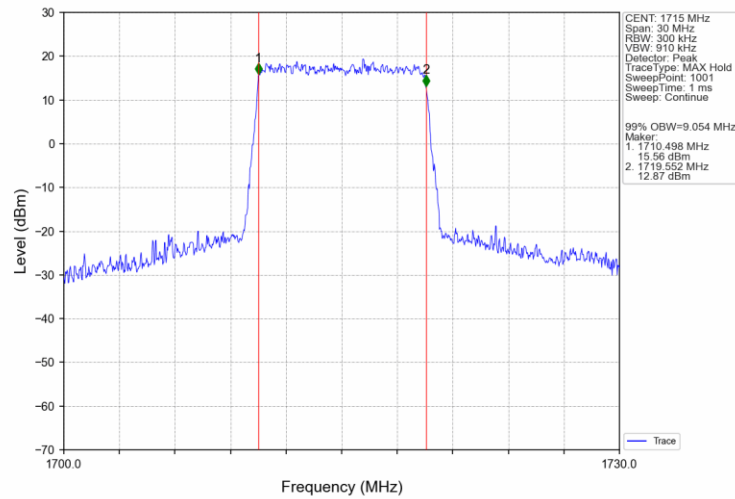
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



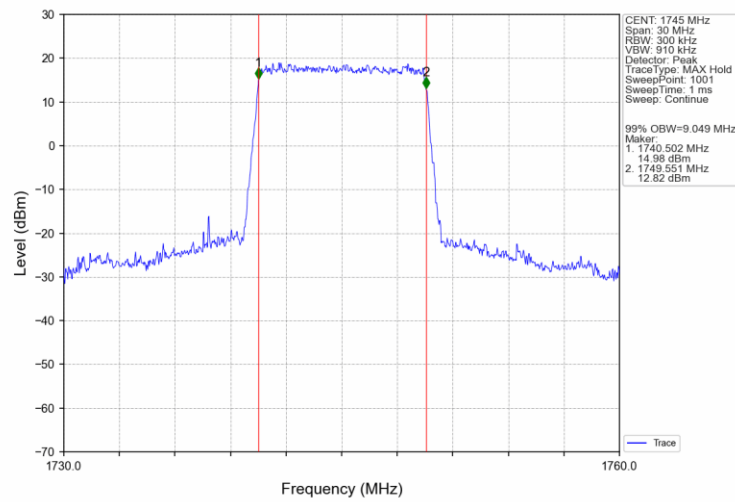
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



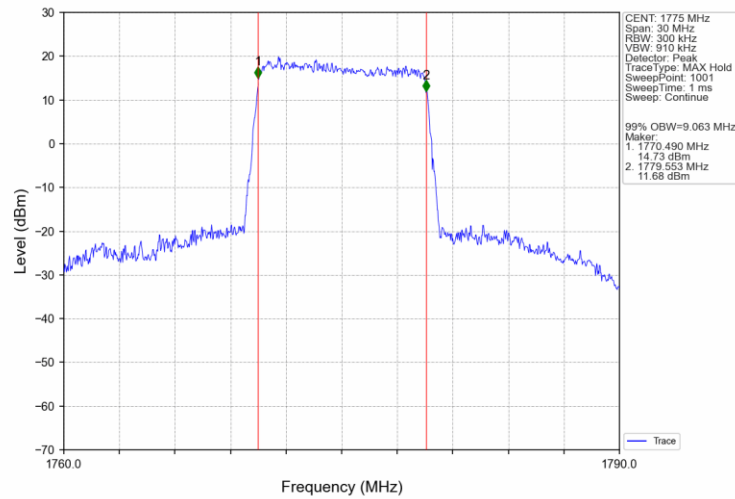
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



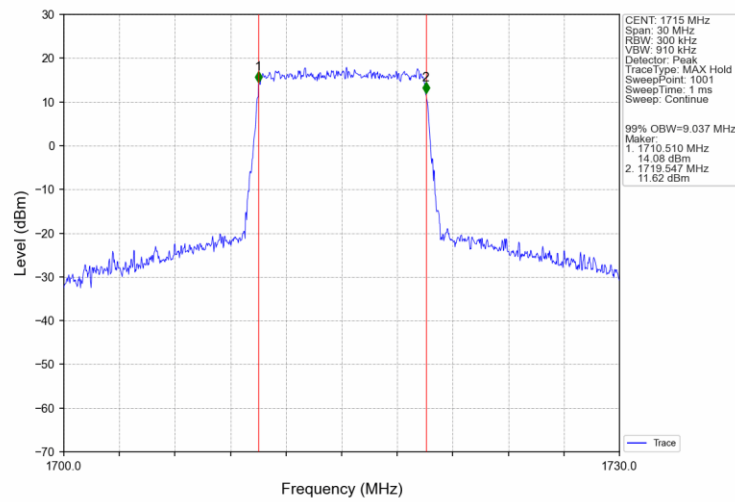
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



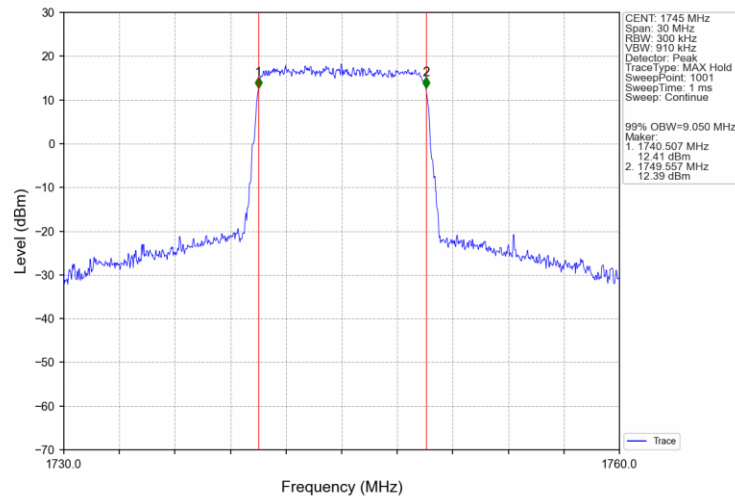
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



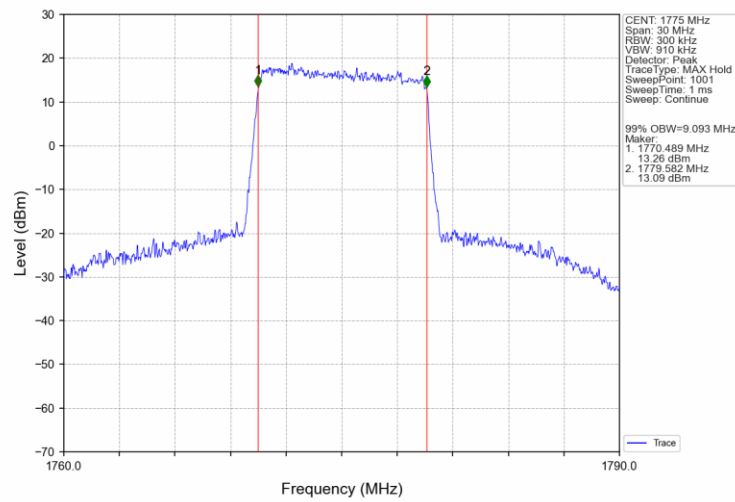
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



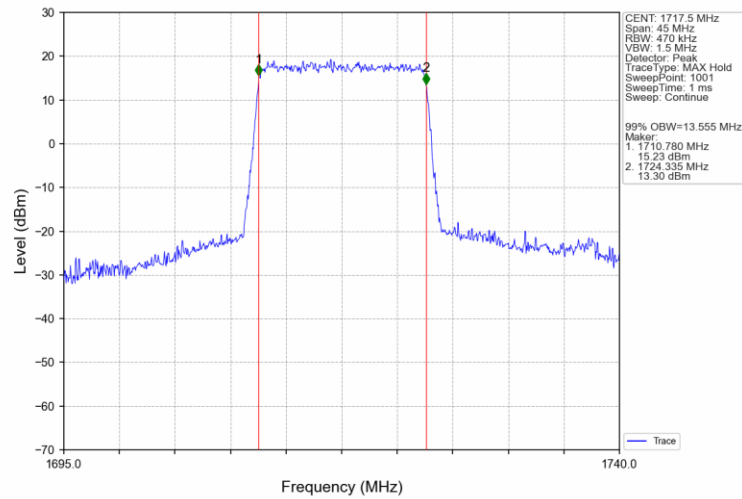
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



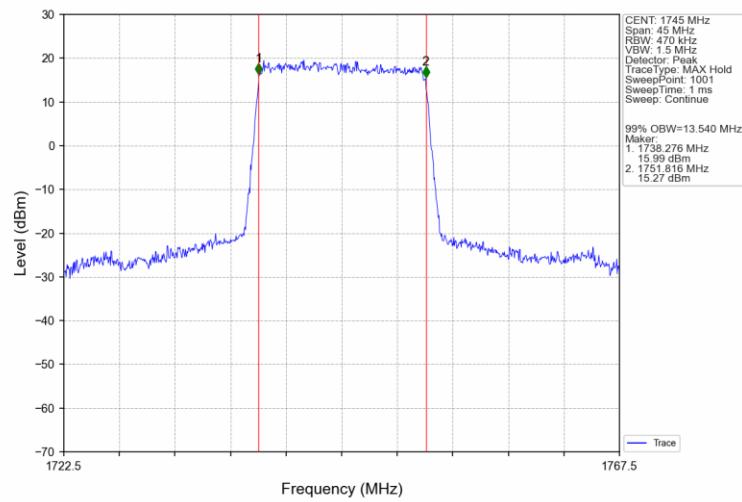
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



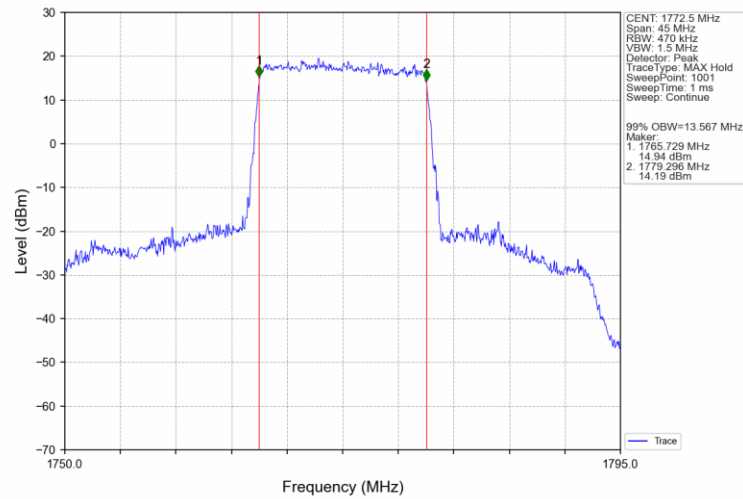
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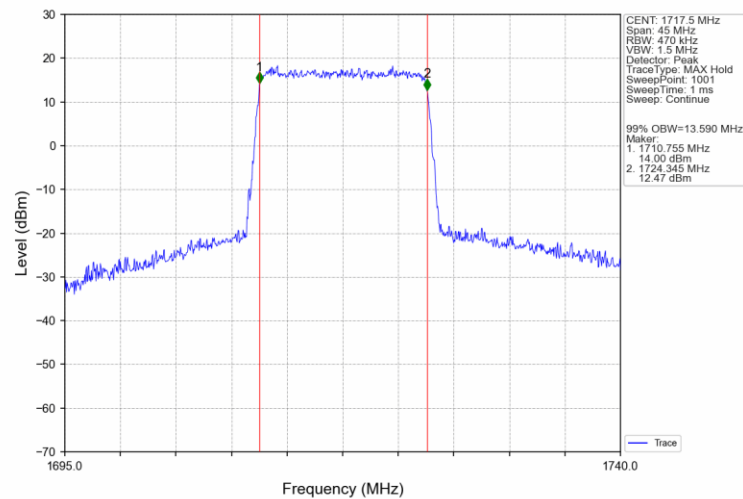
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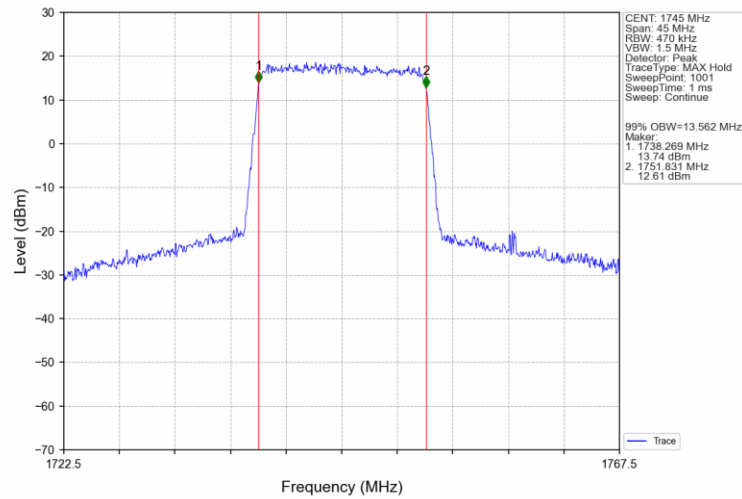
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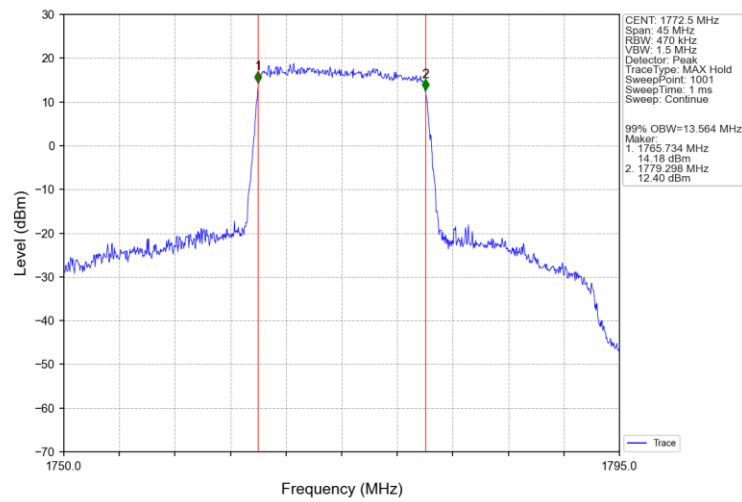
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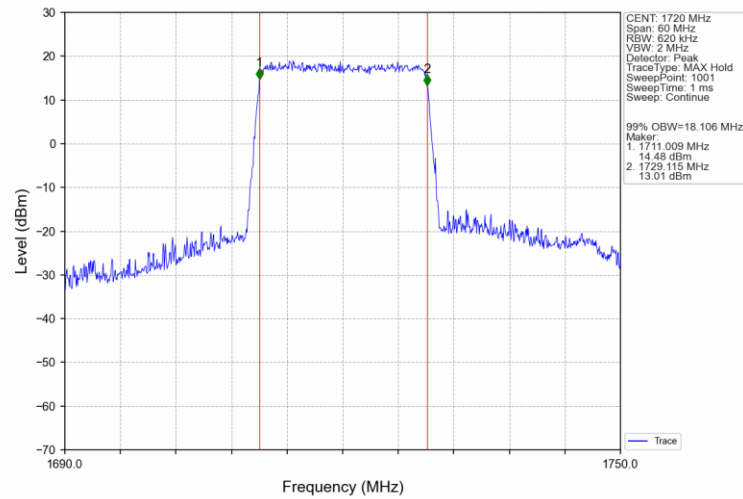
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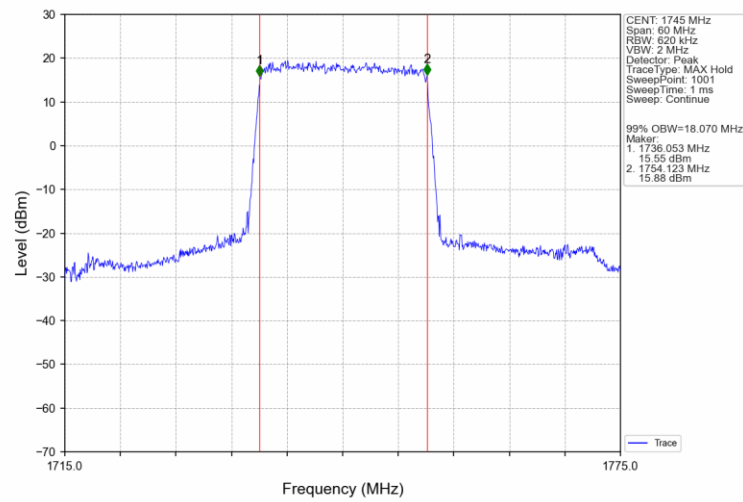
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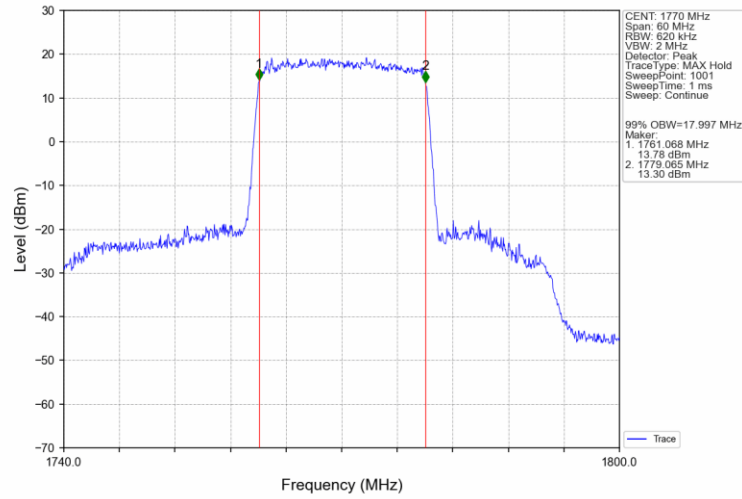
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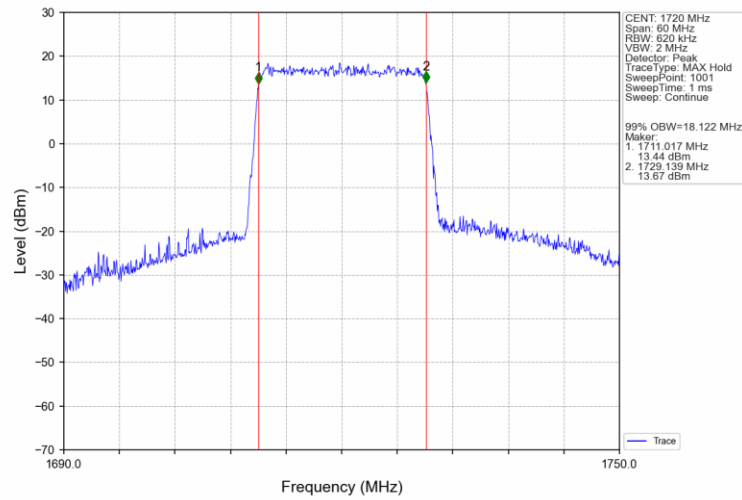
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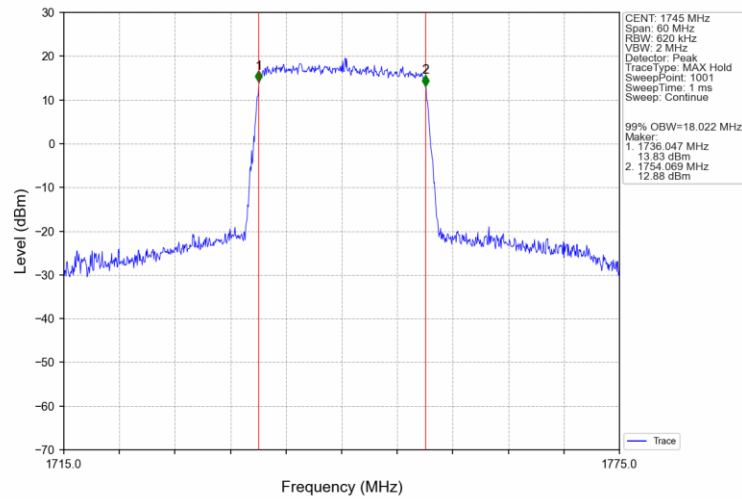
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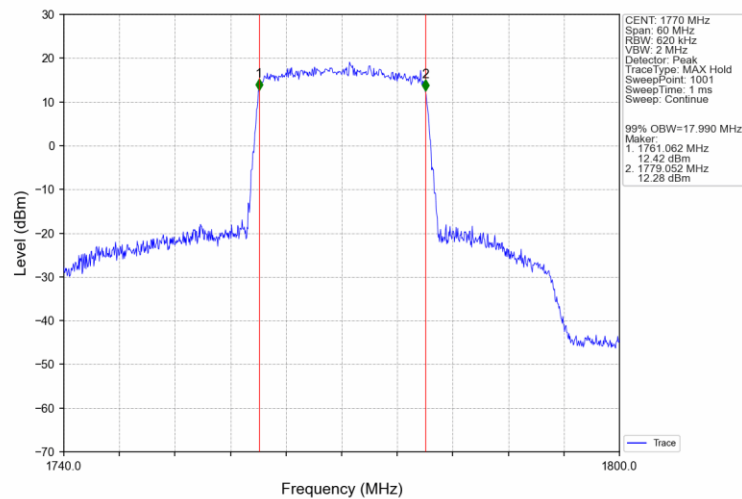
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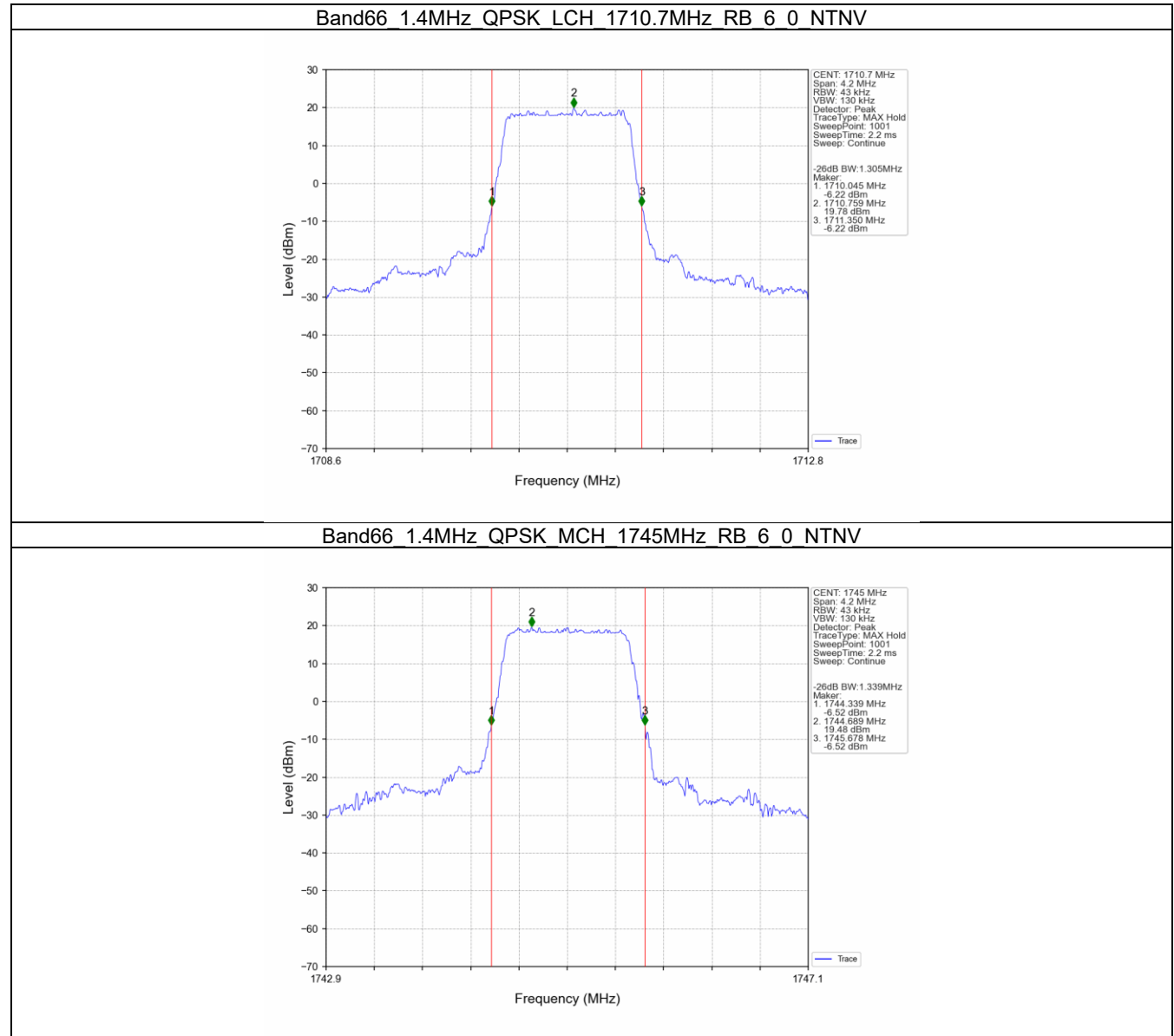
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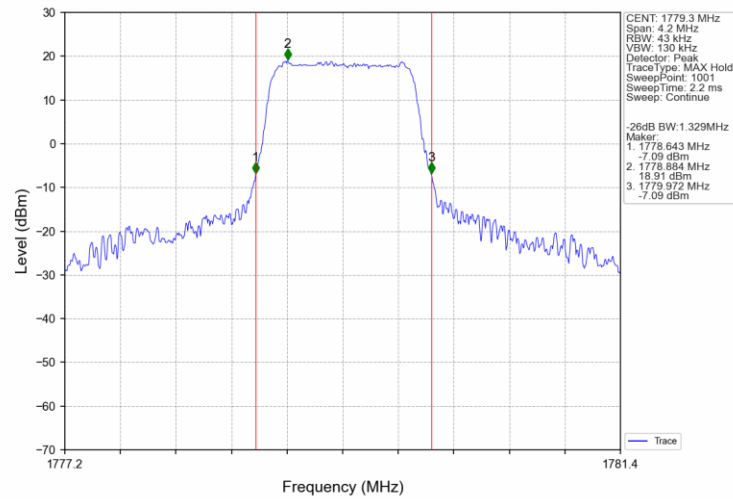
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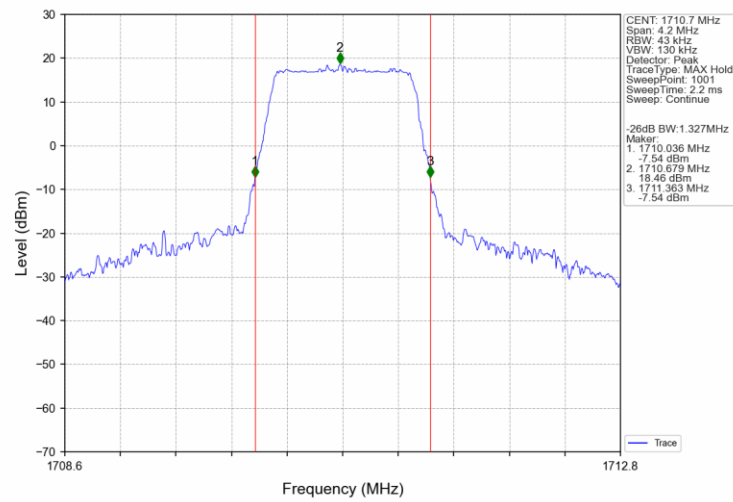
4.2.2 Band66_XDB



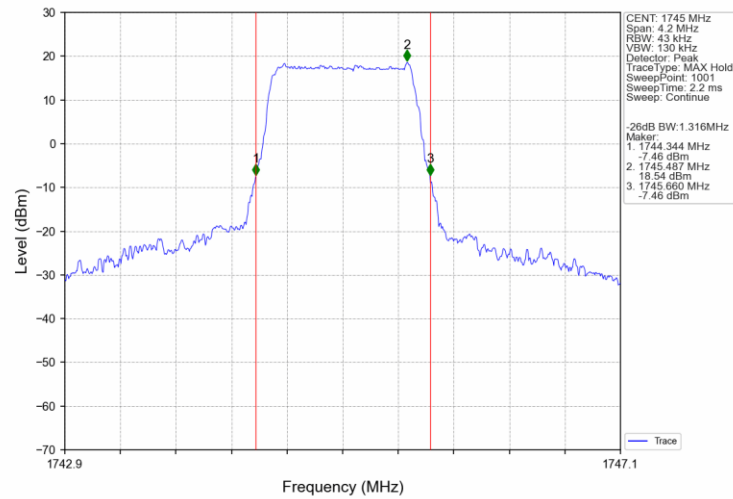
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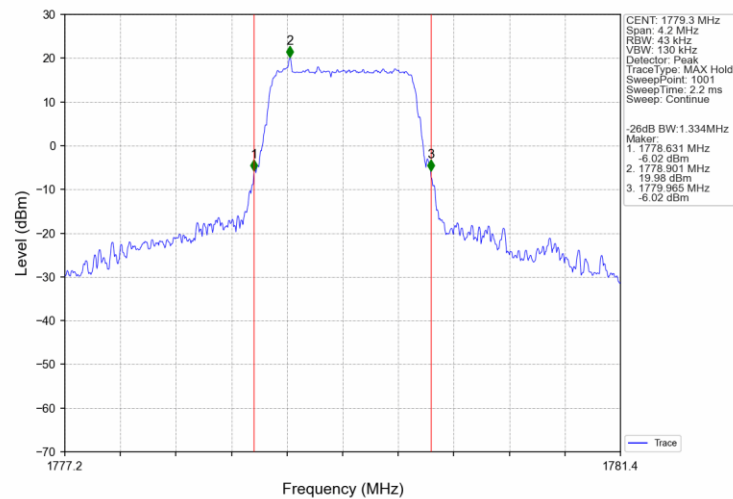
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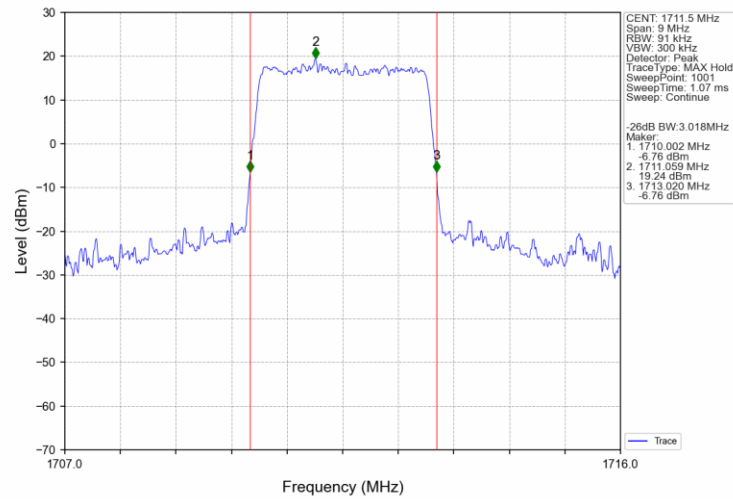
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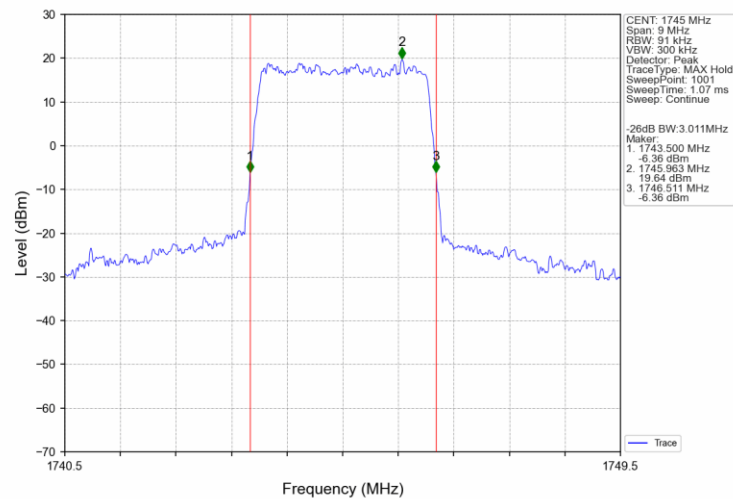
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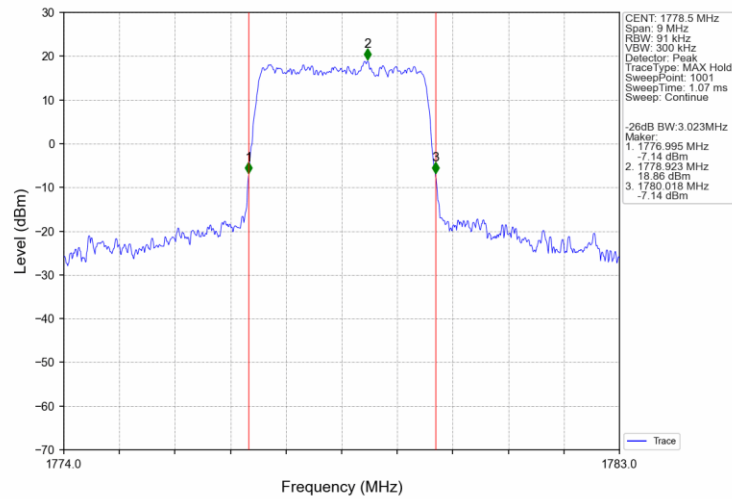
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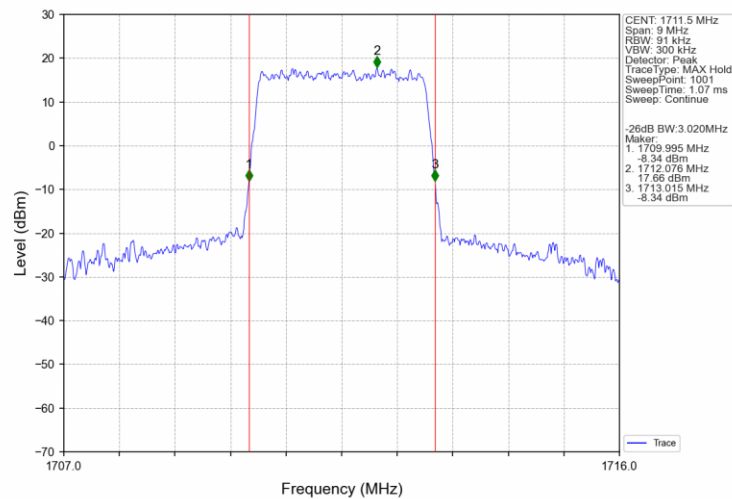
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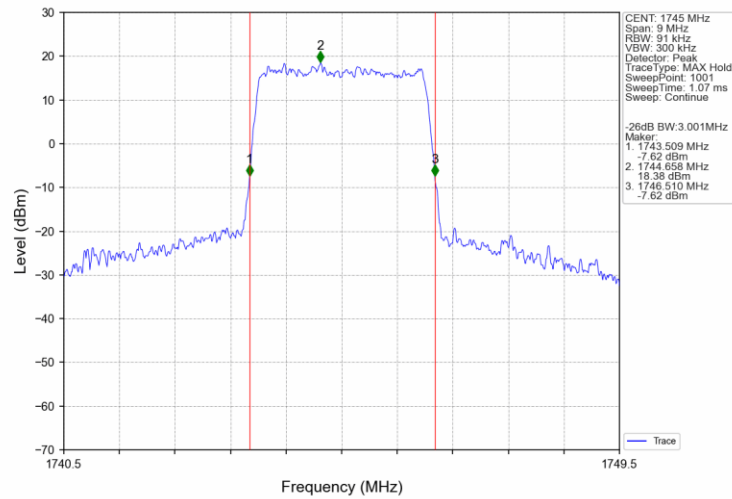
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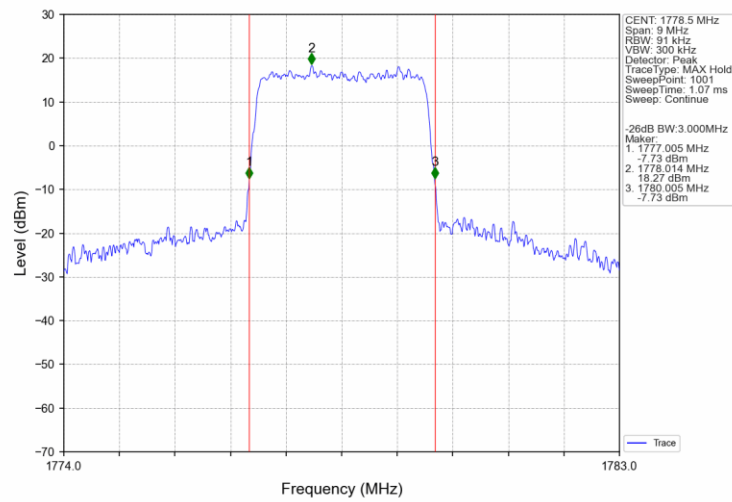
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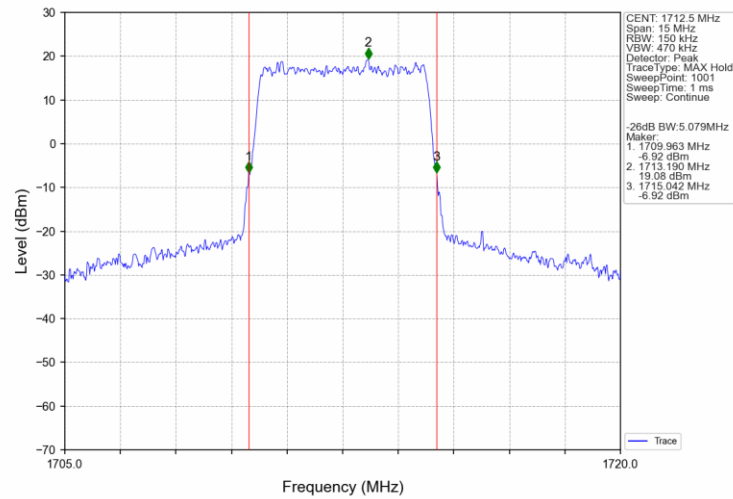
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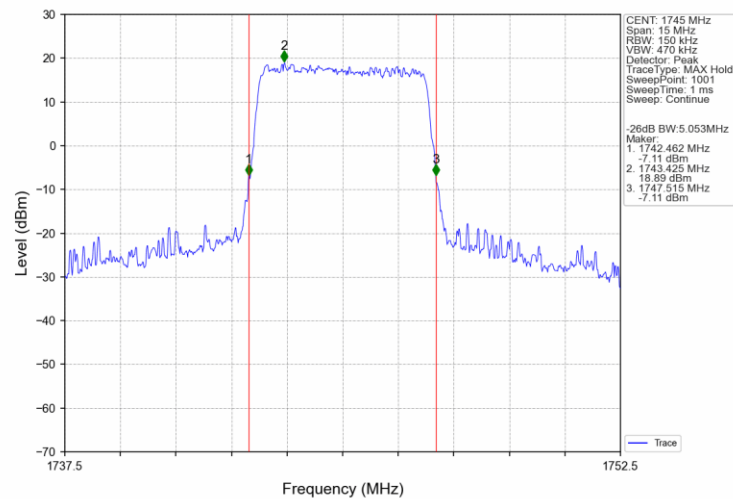
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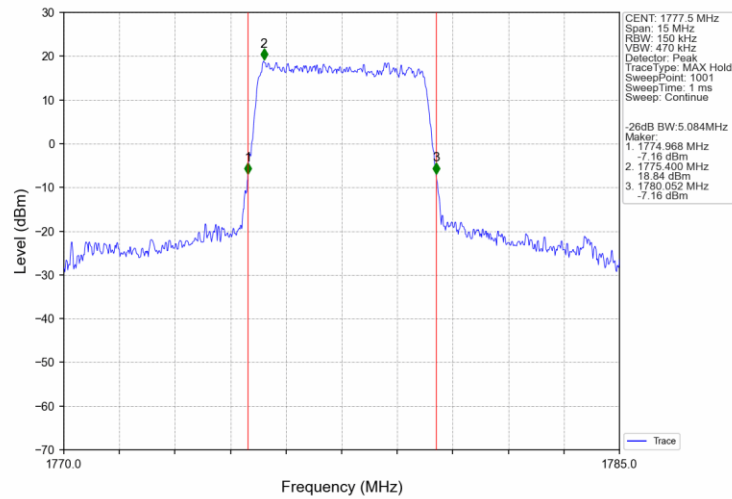
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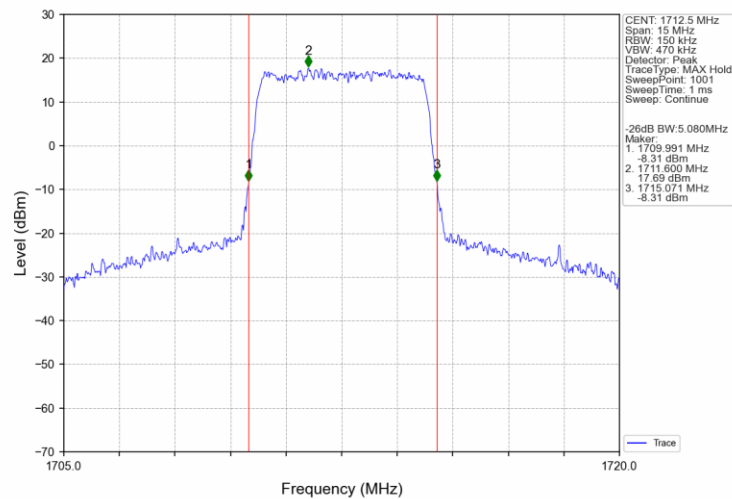
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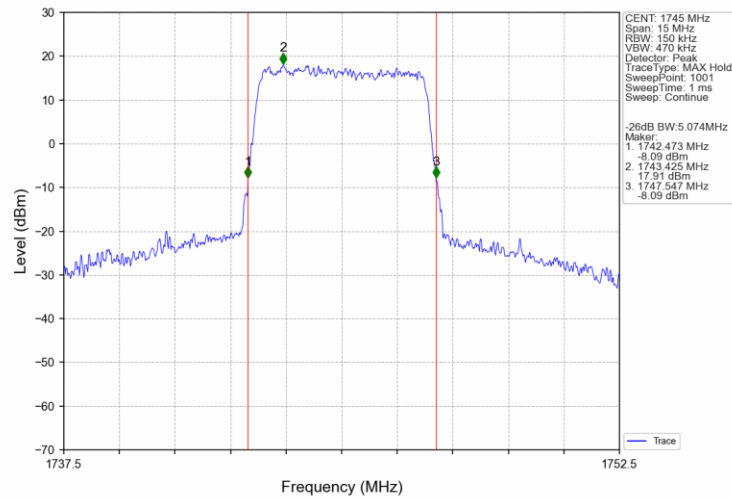
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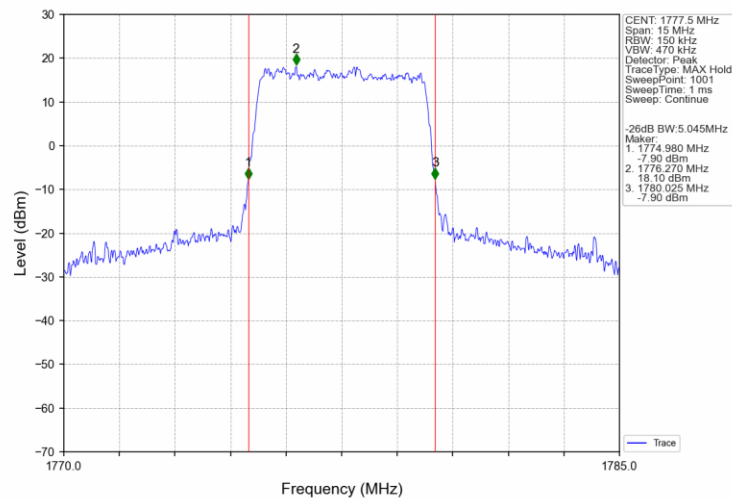
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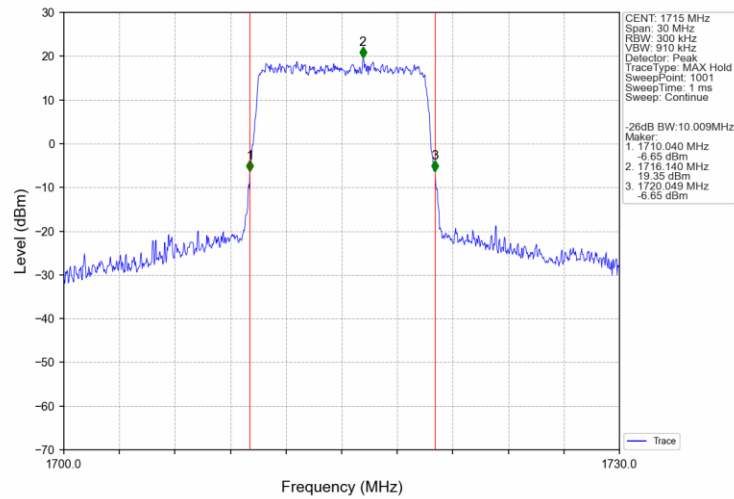
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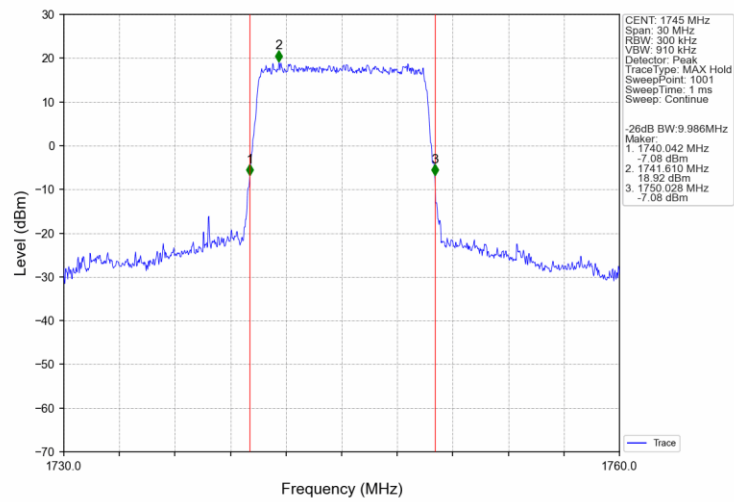
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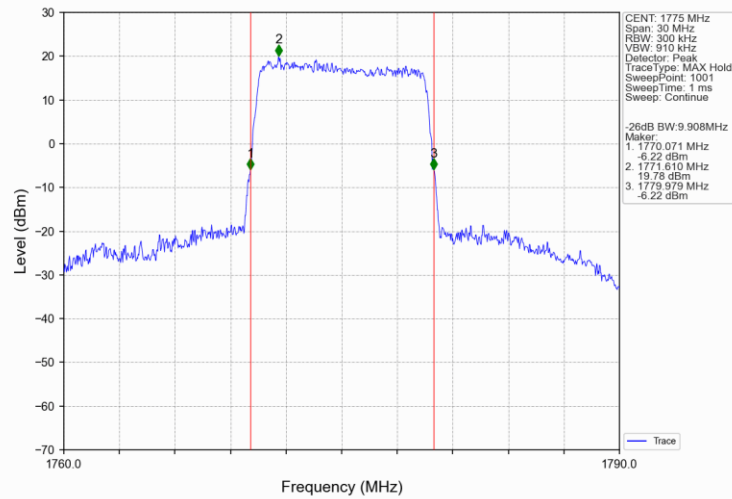
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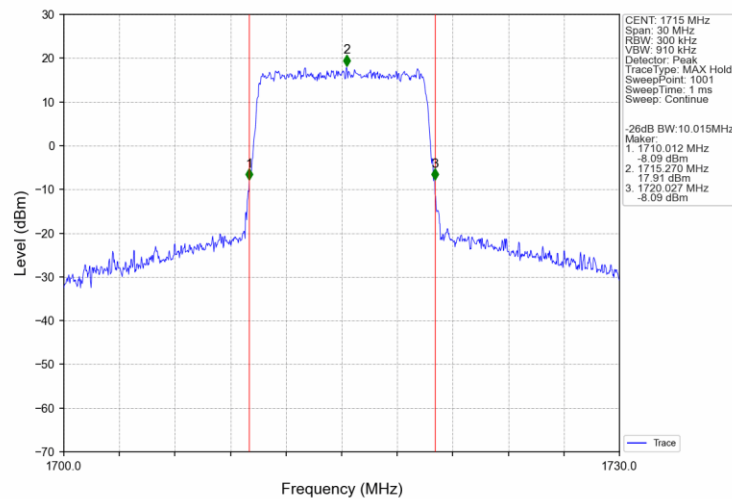
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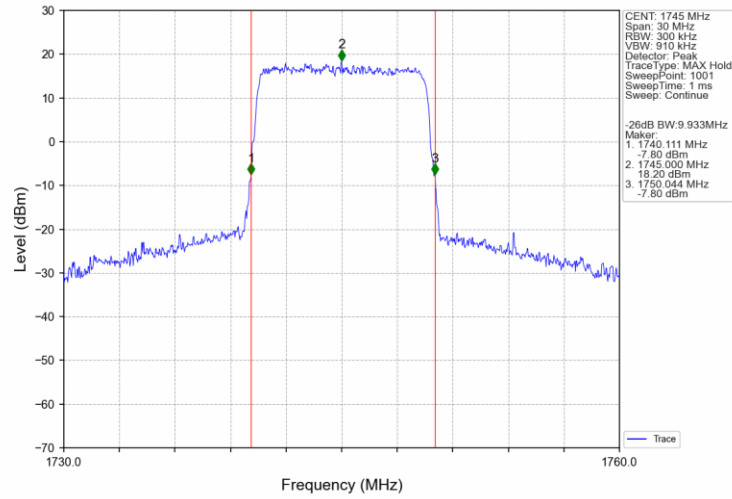
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV

