

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.44	0.24	23.68	<=30	Pass
			2	23.65	0.24	23.89	<=30	Pass
			5	23.03	0.24	23.27	<=30	Pass
		3	0	23.04	0.24	23.28	<=30	Pass
			2	23.06	0.24	23.30	<=30	Pass
			3	23.03	0.24	23.27	<=30	Pass
		6	0	22.03	0.24	22.27	<=30	Pass
	1745	1	0	22.98	0.24	23.22	<=30	Pass
			2	23.15	0.24	23.39	<=30	Pass
			5	22.97	0.24	23.21	<=30	Pass
		3	0	22.93	0.24	23.17	<=30	Pass
			2	22.98	0.24	23.22	<=30	Pass
			3	22.92	0.24	23.16	<=30	Pass
		6	0	21.95	0.24	22.19	<=30	Pass
	1779.3	1	0	23.26	0.24	23.50	<=30	Pass
			2	23.42	0.24	23.66	<=30	Pass
			5	23.24	0.24	23.48	<=30	Pass
		3	0	23.27	0.24	23.51	<=30	Pass
			2	23.26	0.24	23.50	<=30	Pass
			3	23.27	0.24	23.51	<=30	Pass
		6	0	22.22	0.24	22.46	<=30	Pass
16QAM	1710.7	1	0	22.04	0.24	22.28	<=30	Pass
			2	22.20	0.24	22.44	<=30	Pass
			5	22.06	0.24	22.30	<=30	Pass
		3	0	22.10	0.24	22.34	<=30	Pass
			2	22.12	0.24	22.36	<=30	Pass
			3	22.10	0.24	22.34	<=30	Pass
		6	0	21.01	0.24	21.25	<=30	Pass
	1745	1	0	21.77	0.24	22.01	<=30	Pass
			2	21.94	0.24	22.18	<=30	Pass
			5	21.82	0.24	22.06	<=30	Pass
		3	0	22.04	0.24	22.28	<=30	Pass
			2	22.09	0.24	22.33	<=30	Pass
			3	22.07	0.24	22.31	<=30	Pass
		6	0	20.96	0.24	21.20	<=30	Pass
	1779.3	1	0	22.06	0.24	22.30	<=30	Pass
			2	22.20	0.24	22.44	<=30	Pass
			5	22.07	0.24	22.31	<=30	Pass
		3	0	22.19	0.24	22.43	<=30	Pass
			2	22.22	0.24	22.46	<=30	Pass
			3	22.18	0.24	22.42	<=30	Pass
		6	0	21.22	0.24	21.46	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.05	0.24	23.29	<=30	Pass
			7	23.27	0.24	23.51	<=30	Pass
			14	23.03	0.24	23.27	<=30	Pass
		8	0	22.03	0.24	22.27	<=30	Pass
			4	22.07	0.24	22.31	<=30	Pass
			7	22.05	0.24	22.29	<=30	Pass
		15	0	22.00	0.24	22.24	<=30	Pass
	1745	1	0	23.05	0.24	23.29	<=30	Pass
			7	23.27	0.24	23.51	<=30	Pass
			14	23.09	0.24	23.33	<=30	Pass
		8	0	21.96	0.24	22.20	<=30	Pass
			4	21.99	0.24	22.23	<=30	Pass
			7	21.98	0.24	22.22	<=30	Pass
		15	0	21.91	0.24	22.15	<=30	Pass
	1778.5	1	0	23.25	0.24	23.49	<=30	Pass
			7	23.51	0.24	23.75	<=30	Pass
			14	23.25	0.24	23.49	<=30	Pass
		8	0	22.24	0.24	22.48	<=30	Pass
			4	22.25	0.24	22.49	<=30	Pass
			7	22.24	0.24	22.48	<=30	Pass
		15	0	22.19	0.24	22.43	<=30	Pass
16QAM	1711.5	1	0	22.22	0.24	22.46	<=30	Pass
			7	22.43	0.24	22.67	<=30	Pass
			14	22.20	0.24	22.44	<=30	Pass
		8	0	21.07	0.24	21.31	<=30	Pass
			4	21.12	0.24	21.36	<=30	Pass
			7	21.10	0.24	21.34	<=30	Pass
		15	0	21.02	0.24	21.26	<=30	Pass
	1745	1	0	21.84	0.24	22.08	<=30	Pass
			7	22.13	0.24	22.37	<=30	Pass
			14	21.83	0.24	22.07	<=30	Pass
		8	0	21.00	0.24	21.24	<=30	Pass
			4	21.02	0.24	21.26	<=30	Pass
			7	20.99	0.24	21.23	<=30	Pass
		15	0	20.96	0.24	21.20	<=30	Pass
	1778.5	1	0	22.34	0.24	22.58	<=30	Pass
			7	22.51	0.24	22.75	<=30	Pass
			14	22.29	0.24	22.53	<=30	Pass
		8	0	21.24	0.24	21.48	<=30	Pass
			4	21.25	0.24	21.49	<=30	Pass
			7	21.24	0.24	21.48	<=30	Pass
		15	0	21.12	0.24	21.36	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.98	0.24	23.22	<=30	Pass
			13	23.06	0.24	23.30	<=30	Pass
			24	22.99	0.24	23.23	<=30	Pass
		12	0	22.06	0.24	22.30	<=30	Pass
			6	22.12	0.24	22.36	<=30	Pass
			13	22.11	0.24	22.35	<=30	Pass
		25	0	22.05	0.24	22.29	<=30	Pass
	1745	1	0	22.89	0.24	23.13	<=30	Pass
			13	22.96	0.24	23.20	<=30	Pass
			24	22.90	0.24	23.14	<=30	Pass
		12	0	21.94	0.24	22.18	<=30	Pass
			6	21.96	0.24	22.20	<=30	Pass
			13	21.96	0.24	22.20	<=30	Pass
		25	0	21.93	0.24	22.17	<=30	Pass
	1777.5	1	0	23.02	0.24	23.26	<=30	Pass
			13	23.15	0.24	23.39	<=30	Pass
			24	23.06	0.24	23.30	<=30	Pass
		12	0	22.19	0.24	22.43	<=30	Pass
			6	22.22	0.24	22.46	<=30	Pass
			13	22.14	0.24	22.38	<=30	Pass
		25	0	22.17	0.24	22.41	<=30	Pass
16QAM	1712.5	1	0	22.09	0.24	22.33	<=30	Pass
			13	22.14	0.24	22.38	<=30	Pass
			24	22.10	0.24	22.34	<=30	Pass
		12	0	21.00	0.24	21.24	<=30	Pass
			6	21.06	0.24	21.30	<=30	Pass
			13	21.05	0.24	21.29	<=30	Pass
		25	0	21.07	0.24	21.31	<=30	Pass
	1745	1	0	22.04	0.24	22.28	<=30	Pass
			13	22.11	0.24	22.35	<=30	Pass
			24	22.03	0.24	22.27	<=30	Pass
		12	0	20.93	0.24	21.17	<=30	Pass
			6	21.00	0.24	21.24	<=30	Pass
			13	20.95	0.24	21.19	<=30	Pass
		25	0	21.02	0.24	21.26	<=30	Pass
	1777.5	1	0	22.27	0.24	22.51	<=30	Pass
			13	22.37	0.24	22.61	<=30	Pass
			24	22.32	0.24	22.56	<=30	Pass
		12	0	21.21	0.24	21.45	<=30	Pass
			6	21.24	0.24	21.48	<=30	Pass
			13	21.18	0.24	21.42	<=30	Pass
		25	0	21.21	0.24	21.45	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.01	0.24	23.25	<=30	Pass
			25	23.19	0.24	23.43	<=30	Pass
			49	23.07	0.24	23.31	<=30	Pass
		25	0	22.08	0.24	22.32	<=30	Pass
			13	22.12	0.24	22.36	<=30	Pass
			25	22.16	0.24	22.40	<=30	Pass
		50	0	22.12	0.24	22.36	<=30	Pass
	1745	1	0	23.00	0.24	23.24	<=30	Pass
			25	23.11	0.24	23.35	<=30	Pass
			49	22.95	0.24	23.19	<=30	Pass
		25	0	22.01	0.24	22.25	<=30	Pass
			13	22.00	0.24	22.24	<=30	Pass
			25	22.04	0.24	22.28	<=30	Pass
		50	0	22.00	0.24	22.24	<=30	Pass
	1775	1	0	23.17	0.24	23.41	<=30	Pass
			25	23.39	0.24	23.63	<=30	Pass
			49	23.31	0.24	23.55	<=30	Pass
		25	0	22.17	0.24	22.41	<=30	Pass
			13	22.20	0.24	22.44	<=30	Pass
			25	22.21	0.24	22.45	<=30	Pass
		50	0	22.20	0.24	22.44	<=30	Pass
16QAM	1715	1	0	22.14	0.24	22.38	<=30	Pass
			25	22.28	0.24	22.52	<=30	Pass
			49	22.10	0.24	22.34	<=30	Pass
		25	0	21.15	0.24	21.39	<=30	Pass
			13	21.20	0.24	21.44	<=30	Pass
			25	21.21	0.24	21.45	<=30	Pass
		50	0	21.15	0.24	21.39	<=30	Pass
	1745	1	0	22.14	0.24	22.38	<=30	Pass
			25	22.24	0.24	22.48	<=30	Pass
			49	22.07	0.24	22.31	<=30	Pass
		25	0	21.09	0.24	21.33	<=30	Pass
			13	21.09	0.24	21.33	<=30	Pass
			25	21.11	0.24	21.35	<=30	Pass
		50	0	21.05	0.24	21.29	<=30	Pass
	1775	1	0	21.95	0.24	22.19	<=30	Pass
			25	22.16	0.24	22.40	<=30	Pass
			49	22.07	0.24	22.31	<=30	Pass
		25	0	21.19	0.24	21.43	<=30	Pass
			13	21.21	0.24	21.45	<=30	Pass
			25	21.23	0.24	21.47	<=30	Pass
		50	0	21.23	0.24	21.47	<=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	22.92	0.24	23.16	<=30	Pass
			38	23.05	0.24	23.29	<=30	Pass
			74	22.96	0.24	23.20	<=30	Pass
		36	0	22.12	0.24	22.36	<=30	Pass
			18	22.18	0.24	22.42	<=30	Pass
			39	22.19	0.24	22.43	<=30	Pass
		75	0	22.18	0.24	22.42	<=30	Pass
	1745	1	0	22.90	0.24	23.14	<=30	Pass
			38	22.99	0.24	23.23	<=30	Pass
			74	22.85	0.24	23.09	<=30	Pass
		36	0	22.02	0.24	22.26	<=30	Pass
			18	22.08	0.24	22.32	<=30	Pass
			39	22.12	0.24	22.36	<=30	Pass
		75	0	22.06	0.24	22.30	<=30	Pass
	1772.5	1	0	23.01	0.24	23.25	<=30	Pass
			38	23.26	0.24	23.50	<=30	Pass
			74	23.19	0.24	23.43	<=30	Pass
		36	0	22.19	0.24	22.43	<=30	Pass
			18	22.27	0.24	22.51	<=30	Pass
			39	22.35	0.24	22.59	<=30	Pass
		75	0	22.25	0.24	22.49	<=30	Pass
16QAM	1717.5	1	0	22.03	0.24	22.27	<=30	Pass
			38	22.15	0.24	22.39	<=30	Pass
			74	22.11	0.24	22.35	<=30	Pass
		36	0	21.08	0.24	21.32	<=30	Pass
			18	21.15	0.24	21.39	<=30	Pass
			39	21.17	0.24	21.41	<=30	Pass
		75	0	21.13	0.24	21.37	<=30	Pass
	1745	1	0	22.08	0.24	22.32	<=30	Pass
			38	22.12	0.24	22.36	<=30	Pass
			74	21.97	0.24	22.21	<=30	Pass
		36	0	21.01	0.24	21.25	<=30	Pass
			18	21.06	0.24	21.30	<=30	Pass
			39	21.10	0.24	21.34	<=30	Pass
		75	0	21.06	0.24	21.30	<=30	Pass
	1772.5	1	0	22.13	0.24	22.37	<=30	Pass
			38	22.28	0.24	22.52	<=30	Pass
			74	22.17	0.24	22.41	<=30	Pass
		36	0	21.17	0.24	21.41	<=30	Pass
			18	21.23	0.24	21.47	<=30	Pass
			39	21.30	0.24	21.54	<=30	Pass
		75	0	21.25	0.24	21.49	<=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	22.81	0.24	23.05	<=30	Pass
			50	23.23	0.24	23.47	<=30	Pass
			99	22.84	0.24	23.08	<=30	Pass
		50	0	22.00	0.24	22.24	<=30	Pass
			25	22.08	0.24	22.32	<=30	Pass
			50	22.07	0.24	22.31	<=30	Pass
		100	0	22.04	0.24	22.28	<=30	Pass
	1745	1	0	22.73	0.24	22.97	<=30	Pass
			50	23.09	0.24	23.33	<=30	Pass
			99	22.71	0.24	22.95	<=30	Pass
		50	0	21.97	0.24	22.21	<=30	Pass
			25	21.99	0.24	22.23	<=30	Pass
			50	22.01	0.24	22.25	<=30	Pass
		100	0	22.00	0.24	22.24	<=30	Pass
	1770	1	0	22.73	0.24	22.97	<=30	Pass
			50	23.30	0.24	23.54	<=30	Pass
			99	22.98	0.24	23.22	<=30	Pass
		50	0	22.15	0.24	22.39	<=30	Pass
			25	22.16	0.24	22.40	<=30	Pass
			50	22.15	0.24	22.39	<=30	Pass
		100	0	22.13	0.24	22.37	<=30	Pass
16QAM	1720	1	0	21.64	0.24	21.88	<=30	Pass
			50	22.03	0.24	22.27	<=30	Pass
			99	21.71	0.24	21.95	<=30	Pass
		50	0	21.03	0.24	21.27	<=30	Pass
			25	21.12	0.24	21.36	<=30	Pass
			50	21.08	0.24	21.32	<=30	Pass
		100	0	21.08	0.24	21.32	<=30	Pass
	1745	1	0	21.93	0.24	22.17	<=30	Pass
			50	22.16	0.24	22.40	<=30	Pass
			99	21.81	0.24	22.05	<=30	Pass
		50	0	21.03	0.24	21.27	<=30	Pass
			25	21.05	0.24	21.29	<=30	Pass
			50	21.09	0.24	21.33	<=30	Pass
		100	0	21.05	0.24	21.29	<=30	Pass
	1770	1	0	21.58	0.24	21.82	<=30	Pass
			50	22.05	0.24	22.29	<=30	Pass
			99	21.75	0.24	21.99	<=30	Pass
		50	0	21.22	0.24	21.46	<=30	Pass
			25	21.25	0.24	21.49	<=30	Pass
			50	21.24	0.24	21.48	<=30	Pass
		100	0	21.21	0.24	21.45	<=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	5.236	0.0031	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0065	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-8.140	-0.0048	-2.5 to 2.5	Pass
				40	3.85	6.194	0.0036	-2.5 to 2.5	Pass
				50	3.85	-7.868	-0.0046	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-5.965	-0.0034	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	-7.968	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-9.270	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-10.071	-0.0058	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.489	0.0014	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-10.285	-0.0059	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-1.516	-0.0009	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-6.809	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-10.271	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-10.571	-0.0059	-2.5 to 2.5	Pass
				40	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				50	3.85	-13.247	-0.0074	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-8.469	-0.0050	-2.5 to 2.5	Pass
					3.85	3.161	0.0018	-2.5 to 2.5	Pass
					4.43	3.190	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-14.262	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	2.832	0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-6.952	-0.0041	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	4.878	0.0028	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	2.174	0.0012	-2.5 to 2.5	Pass

				-10	3.85	5.693	0.0033	-2.5 to 2.5	Pass
				0	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				30	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-4.320	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-9.098	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-10.929	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0021	-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	-13.390	-0.0078	-2.5 to 2.5	Pass
					3.85	-11.716	-0.0068	-2.5 to 2.5	Pass
					4.43	-9.227	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-8.798	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-11.430	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.794	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				30	3.85	1.831	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.631	0.0010	-2.5 to 2.5	Pass
				50	3.85	-6.638	-0.0039	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-9.012	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-11.029	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-7.367	-0.0041	-2.5 to 2.5	Pass
					3.85	-12.088	-0.0068	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.821	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-11.015	-0.0062	-2.5 to 2.5	Pass
				40	3.85	3.276	0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.422	-0.0030	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-4.878	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0014	-2.5 to 2.5	Pass

					4.43	-1.745	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	3.519	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				30	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				50	3.85	4.563	0.0027	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-1.373	-0.0008	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
					4.43	-7.510	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.367	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-10.257	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-11.172	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-7.882	-0.0044	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	-0.687	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-12.560	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.85	4.392	0.0025	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-10.843	-0.0061	-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	-10.114	-0.0059	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
					4.43	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-8.440	-0.0049	-2.5 to 2.5	Pass
				0	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				10	3.85	-9.255	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-9.198	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.591	-0.0021	-2.5 to 2.5	Pass
					3.85	-7.982	-0.0046	-2.5 to 2.5	Pass
					4.43	1.731	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	4.077	0.0023	-2.5 to 2.5	Pass
				-10	3.85	-9.599	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				10	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				30	3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass

	1777.5	25	0	50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				20	3.27	-2.503	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-13.847	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-7.625	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-11.144	-0.0063	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-8.883	-0.0052	-2.5 to 2.5	Pass
					3.85	2.689	0.0016	-2.5 to 2.5	Pass
					4.43	-4.077	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-8.984	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-15.850	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
					4.43	2.246	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				40	3.85	3.791	0.0022	-2.5 to 2.5	Pass
				50	3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-7.439	-0.0042	-2.5 to 2.5	Pass
					3.85	-16.365	-0.0092	-2.5 to 2.5	Pass
					4.43	-1.731	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-8.240	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-10.300	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0040	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				40	3.85	-6.280	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.306	-0.0024	-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	-7.739	-0.0045	-2.5 to 2.5	Pass
					3.85	2.017	0.0012	-2.5 to 2.5	Pass
					4.43	-8.640	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-9.413	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass

				10	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0033	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-6.995	-0.0040	-2.5 to 2.5	Pass
					3.85	2.575	0.0015	-2.5 to 2.5	Pass
					4.43	-9.670	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.719	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0022	-2.5 to 2.5	Pass
				30	3.85	3.705	0.0021	-2.5 to 2.5	Pass
				40	3.85	-7.682	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-10.142	-0.0059	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.997	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-9.584	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-11.287	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-6.552	-0.0038	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-10.471	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0029	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-10.014	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-9.184	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.107	-0.0029	-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	-3.977	-0.0023	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-5.221	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-6.866	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-4.878	-0.0028	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-9.885	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-4.721	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.232	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
					4.43	0.901	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass

	1772.5	75	0	30	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				40	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				20	3.27	-3.648	-0.0021	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
					4.43	-1.917	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				30	3.85	-7.825	-0.0044	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0037	-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	-10.271	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-9.699	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-10.543	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.289	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				30	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-7.167	-0.0040	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-9.170	-0.0053	-2.5 to 2.5	Pass
					3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
					4.43	-5.007	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass

				-10	3.85	-9.885	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-8.783	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.389	-0.0014	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-1.860	-0.0011	-2.5 to 2.5	Pass
					3.85	-7.968	-0.0045	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				10	3.85	2.918	0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0051	-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 / NTV						
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 / NTV						
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 / NTNV						
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

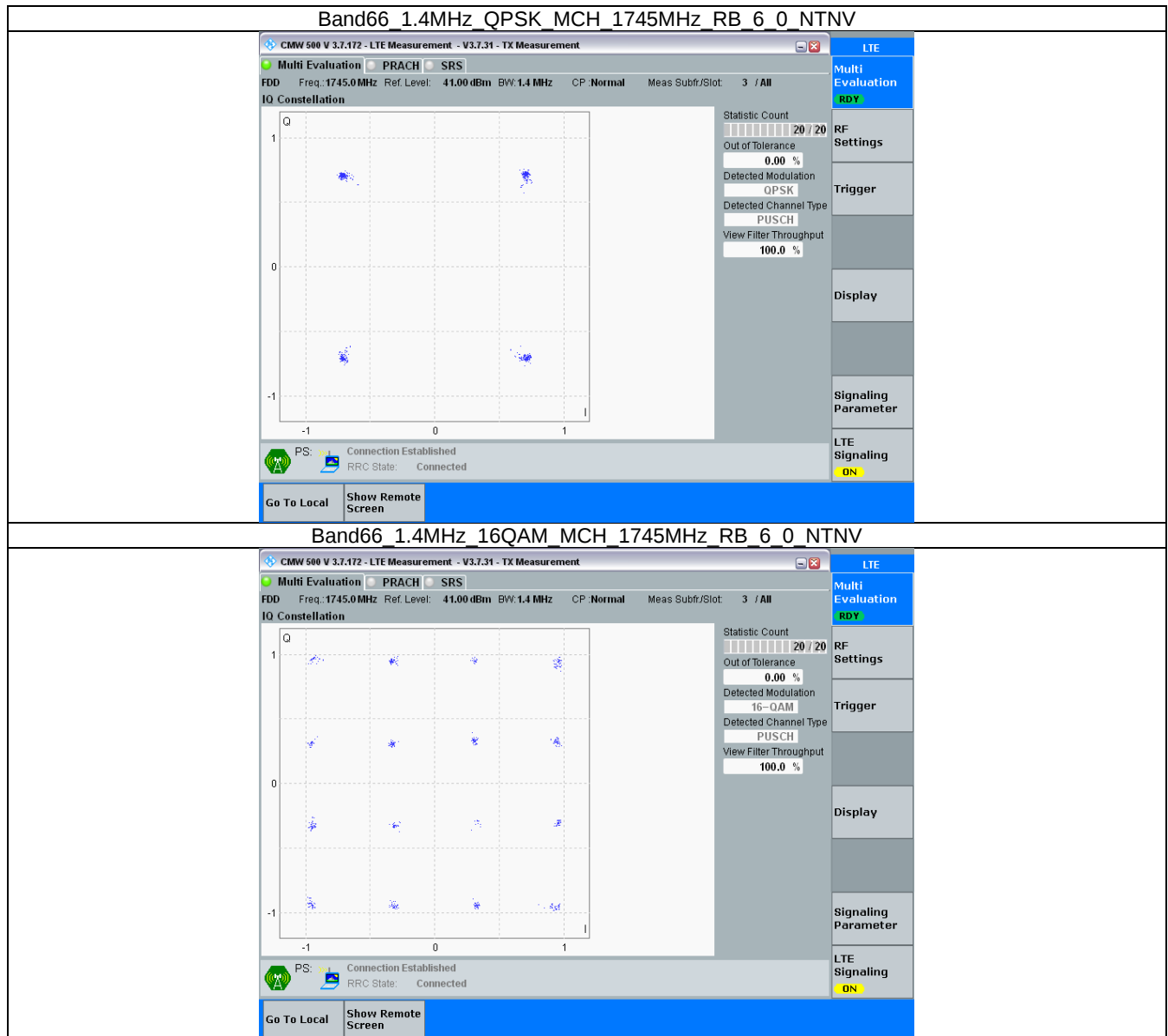
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

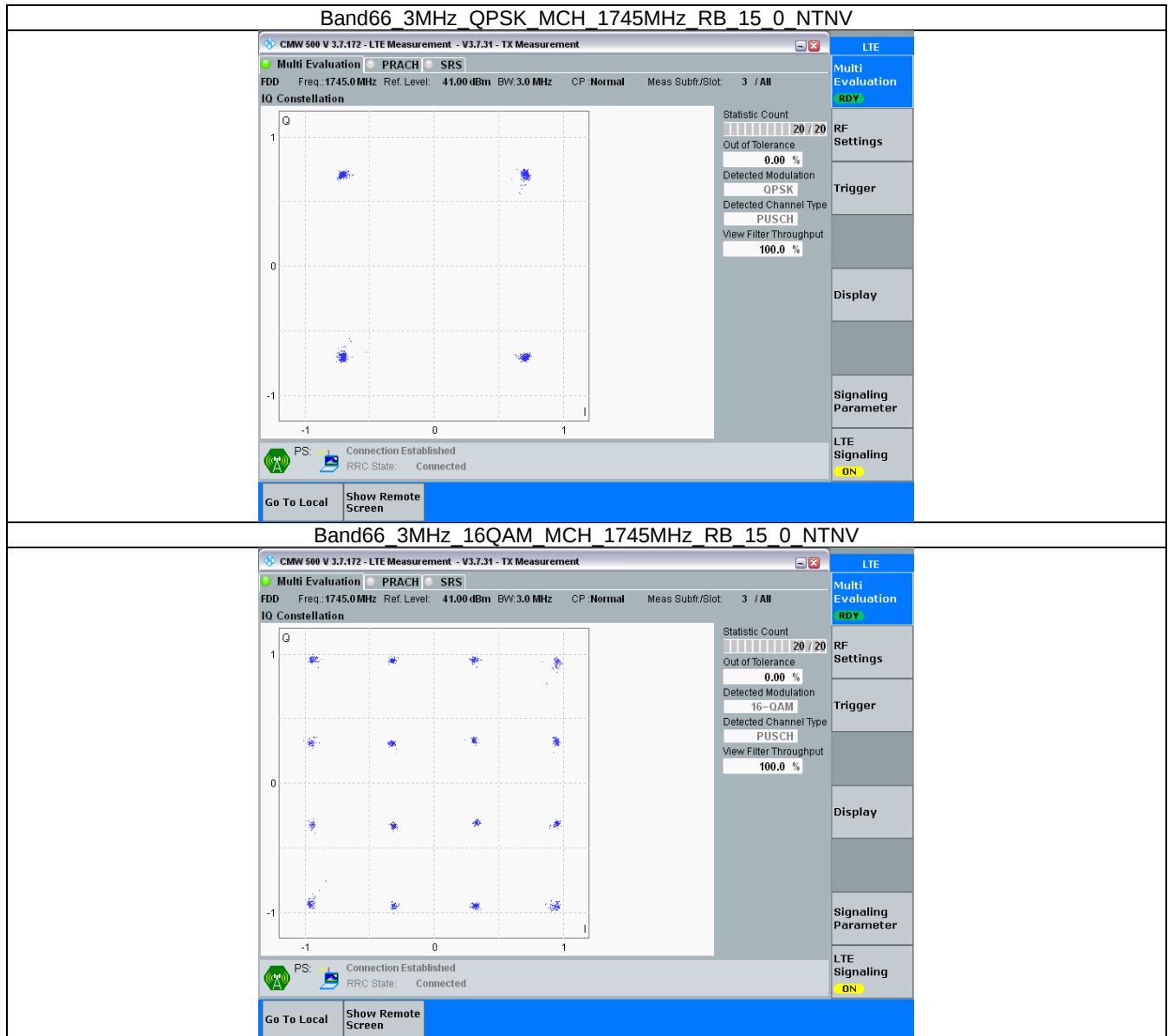
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

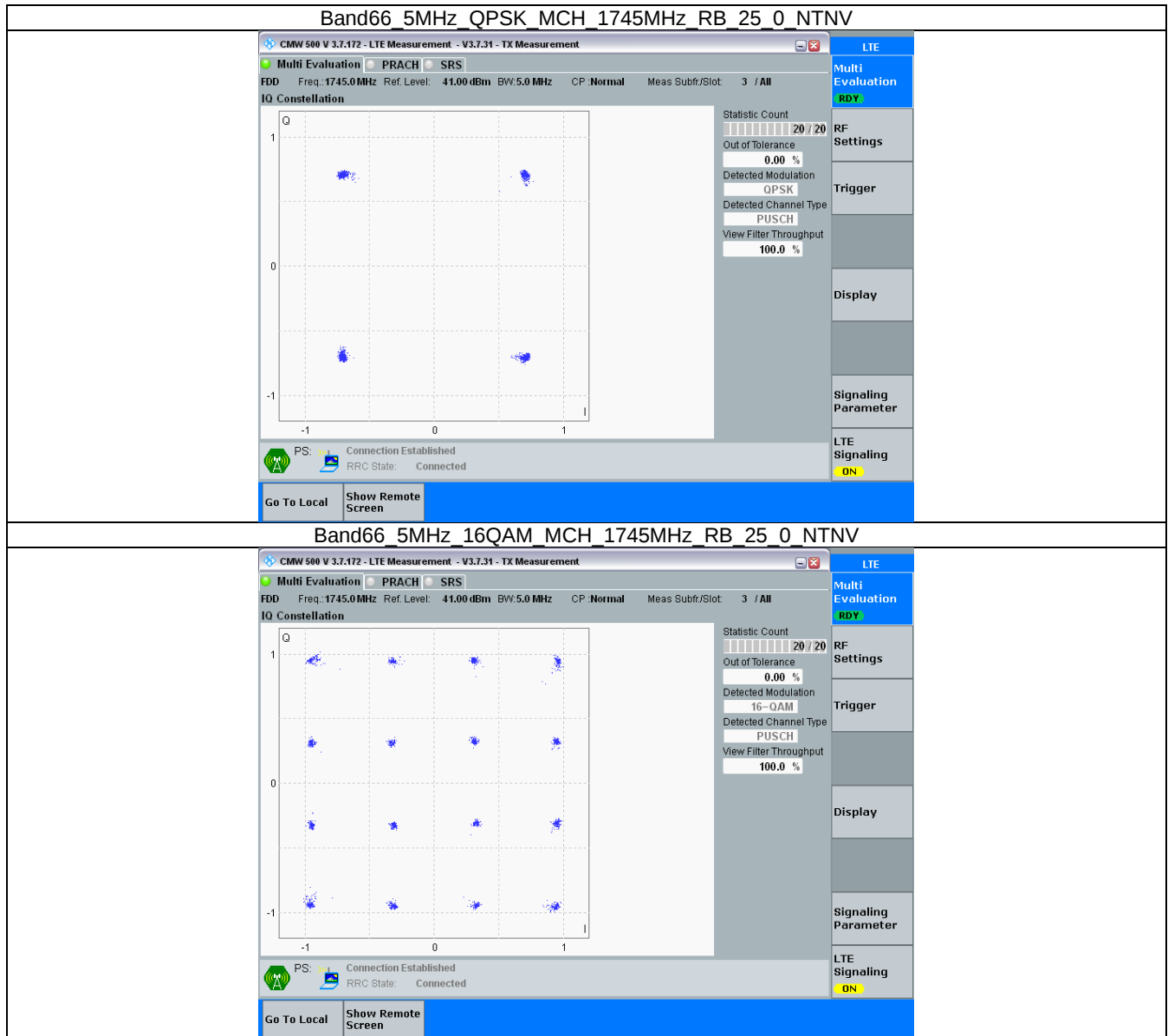
3.2.1 B66_1.4MHz



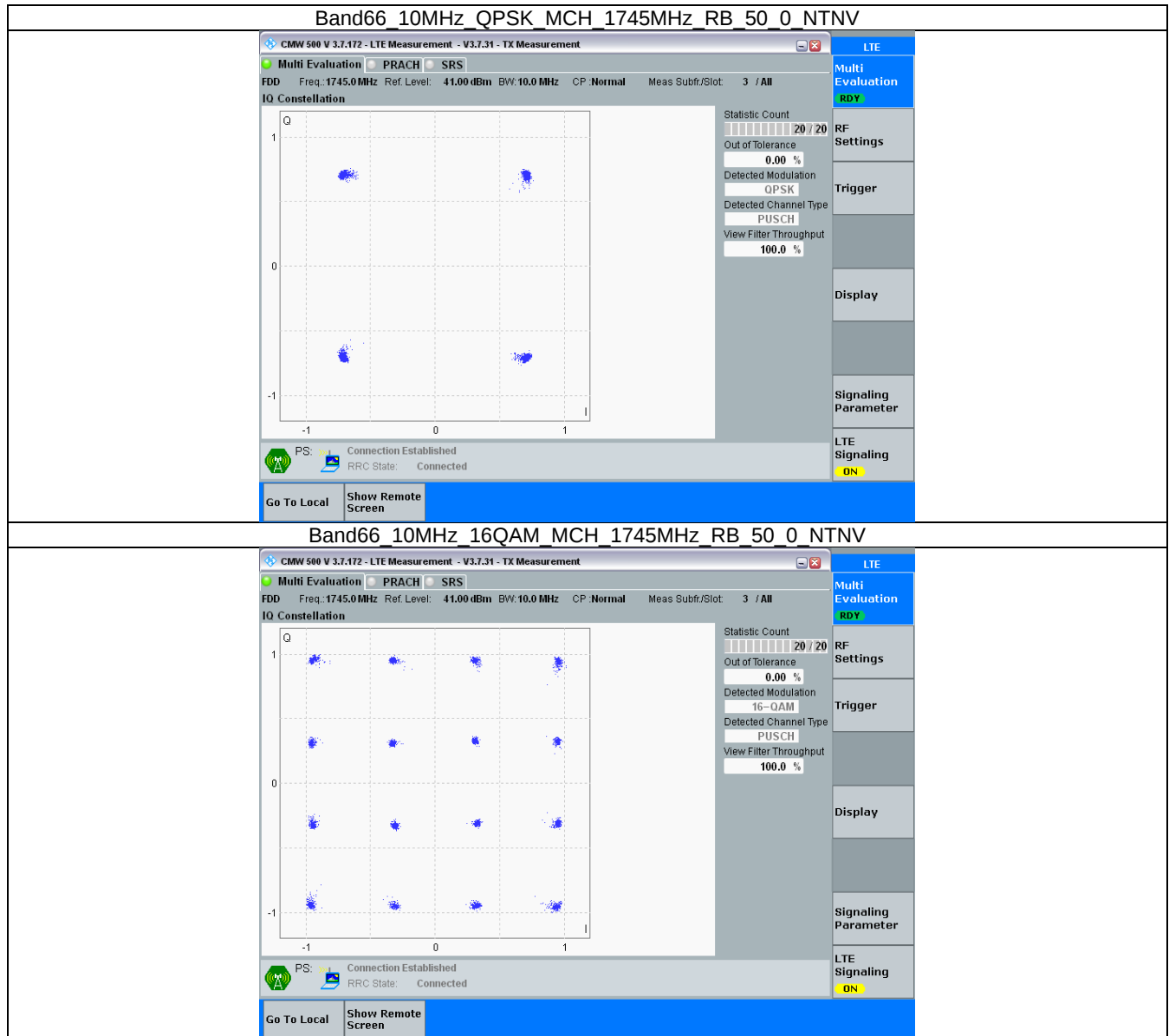
3.2.2 B66_3MHz



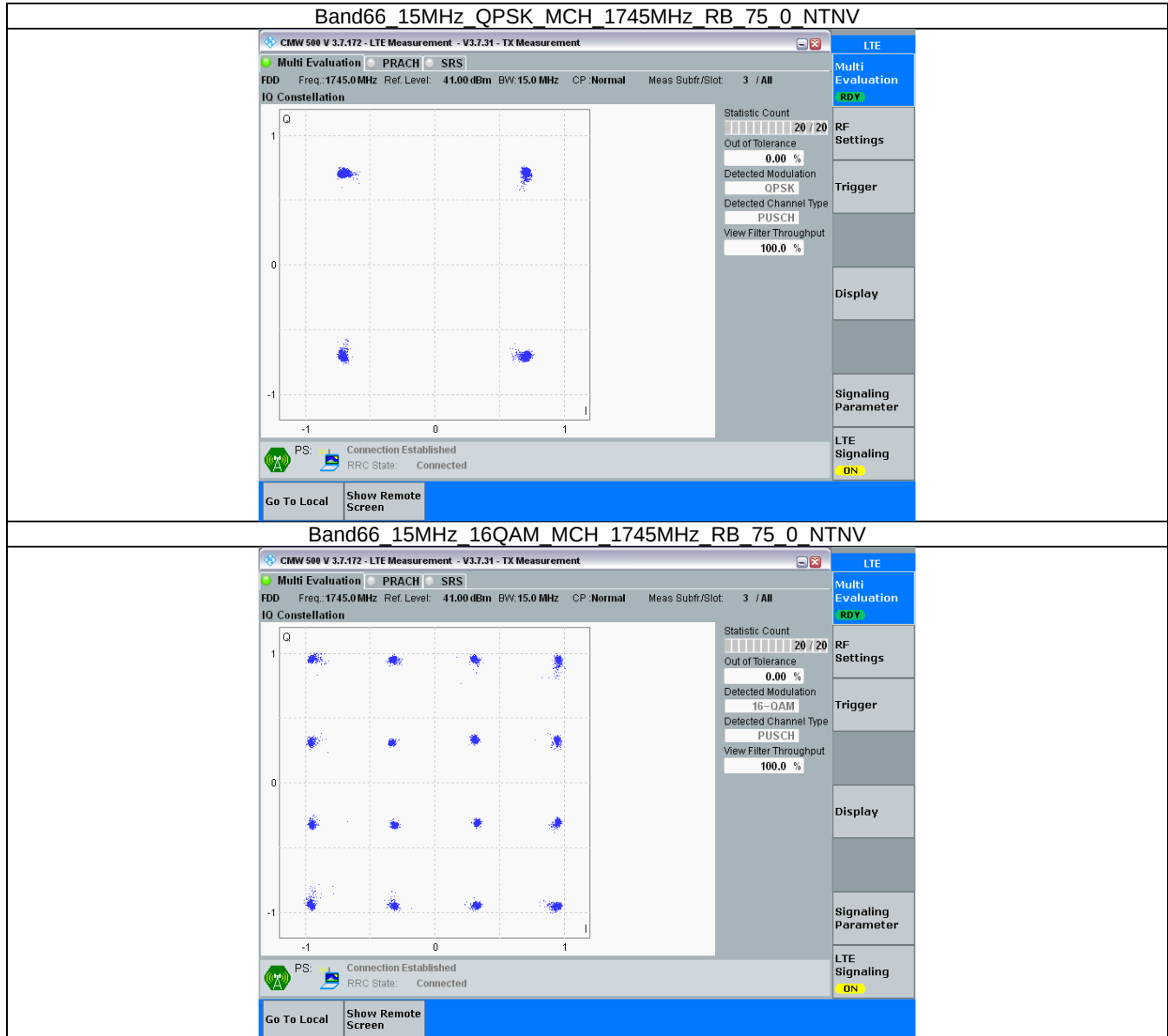
3.2.3 B66_5MHz



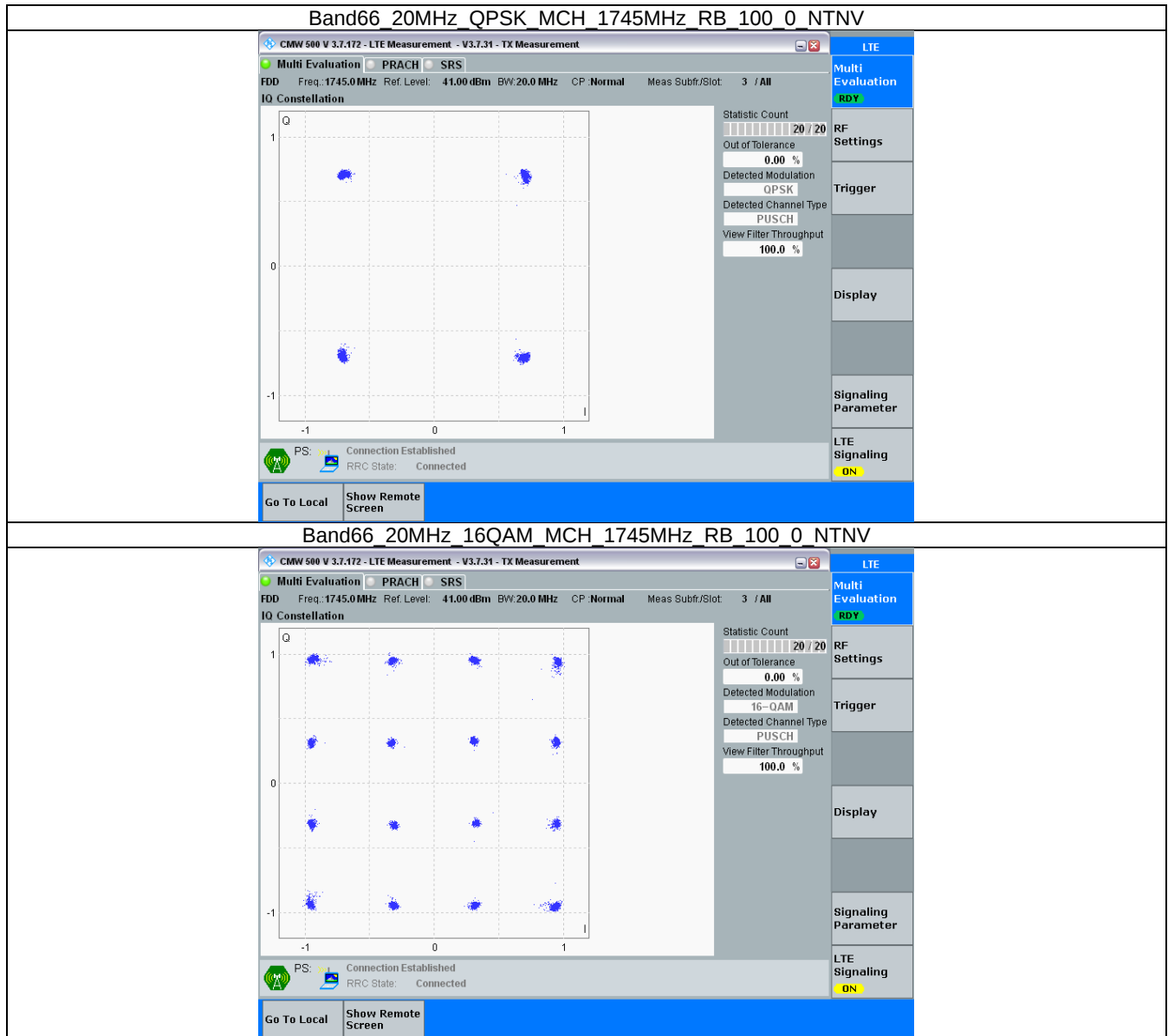
3.2.4 B66_10MHz



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	1.110	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.120	/	Pass
	16QAM	1710.7	6	0	1.102	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.112	/	Pass
3	QPSK	1711.5	15	0	2.732	/	Pass
		1745	15	0	2.739	/	Pass
		1778.5	15	0	2.732	/	Pass
	16QAM	1711.5	15	0	2.725	/	Pass
		1745	15	0	2.726	/	Pass
		1778.5	15	0	2.729	/	Pass
5	QPSK	1712.5	25	0	4.579	/	Pass
		1745	25	0	4.575	/	Pass
		1777.5	25	0	4.585	/	Pass
	16QAM	1712.5	25	0	4.629	/	Pass
		1745	25	0	4.597	/	Pass
		1777.5	25	0	4.560	/	Pass
10	QPSK	1715	50	0	9.114	/	Pass
		1745	50	0	9.096	/	Pass
		1775	50	0	9.054	/	Pass
	16QAM	1715	50	0	9.081	/	Pass
		1745	50	0	9.080	/	Pass
		1775	50	0	9.070	/	Pass
15	QPSK	1717.5	75	0	13.684	/	Pass
		1745	75	0	13.672	/	Pass
		1772.5	75	0	13.597	/	Pass
	16QAM	1717.5	75	0	13.635	/	Pass
		1745	75	0	13.671	/	Pass
		1772.5	75	0	13.639	/	Pass
20	QPSK	1720	100	0	18.141	/	Pass
		1745	100	0	18.127	/	Pass
		1770	100	0	18.151	/	Pass
	16QAM	1720	100	0	18.190	/	Pass
		1745	100	0	18.163	/	Pass
		1770	100	0	18.180	/	Pass

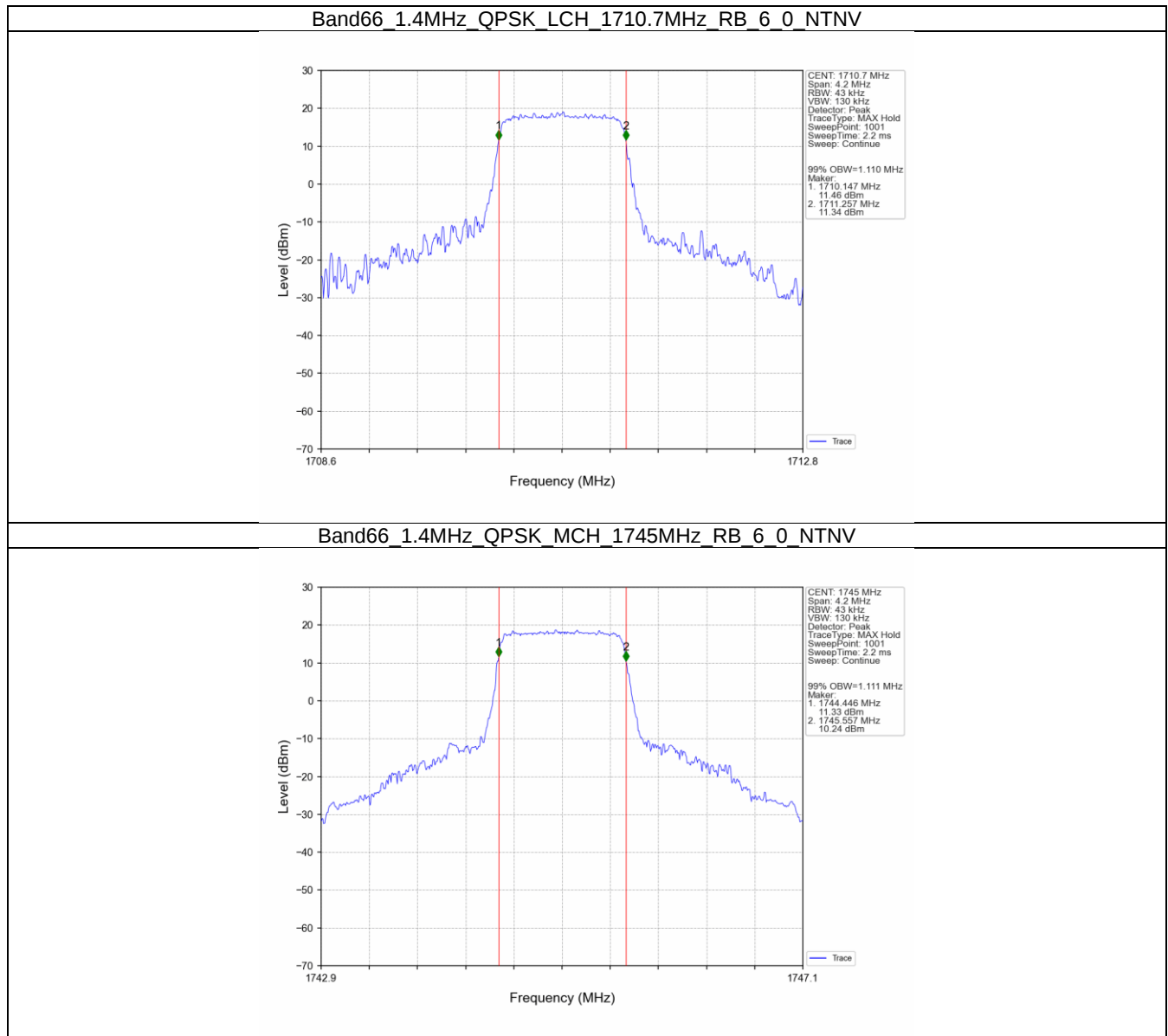
4.1.2 Band66_XDB

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	1.327	/	Pass
		1745	6	0	1.322	/	Pass
		1779.3	6	0	1.315	/	Pass
	16QAM	1710.7	6	0	1.304	/	Pass
		1745	6	0	1.311	/	Pass
		1779.3	6	0	1.308	/	Pass
3	QPSK	1711.5	15	0	3.021	/	Pass

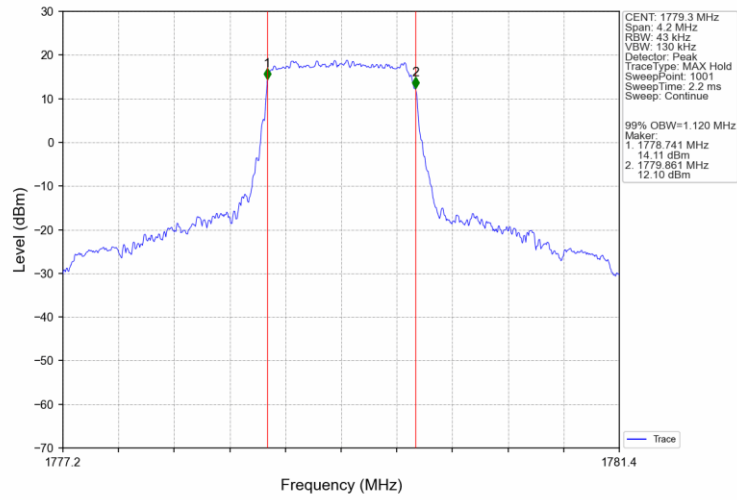
	16QAM	1745	15	0	2.997	/	Pass
		1778.5	15	0	2.997	/	Pass
		1711.5	15	0	3.004	/	Pass
		1745	15	0	2.981	/	Pass
		1778.5	15	0	3.009	/	Pass
5	QPSK	1712.5	25	0	5.525	/	Pass
		1745	25	0	5.259	/	Pass
		1777.5	25	0	5.285	/	Pass
	16QAM	1712.5	25	0	6.236	/	Pass
		1745	25	0	5.230	/	Pass
	QPSK	1777.5	25	0	5.291	/	Pass
		1715	50	0	13.241	/	Pass
		1745	50	0	10.285	/	Pass
	16QAM	1775	50	0	10.239	/	Pass
		1715	50	0	12.168	/	Pass
		1745	50	0	10.189	/	Pass
15	QPSK	1775	50	0	10.216	/	Pass
		1717.5	75	0	21.403	/	Pass
		1745	75	0	15.437	/	Pass
	16QAM	1772.5	75	0	15.444	/	Pass
		1717.5	75	0	15.301	/	Pass
20	QPSK	1745	75	0	15.351	/	Pass
		1772.5	75	0	15.267	/	Pass
		1720	100	0	24.137	/	Pass
	16QAM	1745	100	0	20.185	/	Pass
		1770	100	0	20.246	/	Pass
		1720	100	0	20.122	/	Pass
	16QAM	1745	100	0	19.993	/	Pass
		1770	100	0	20.098	/	Pass

4.2 Test Graph

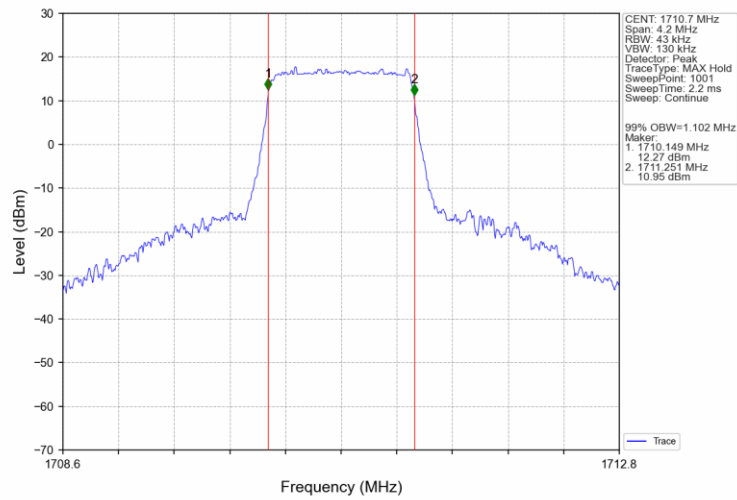
4.2.1 Band66_OBW



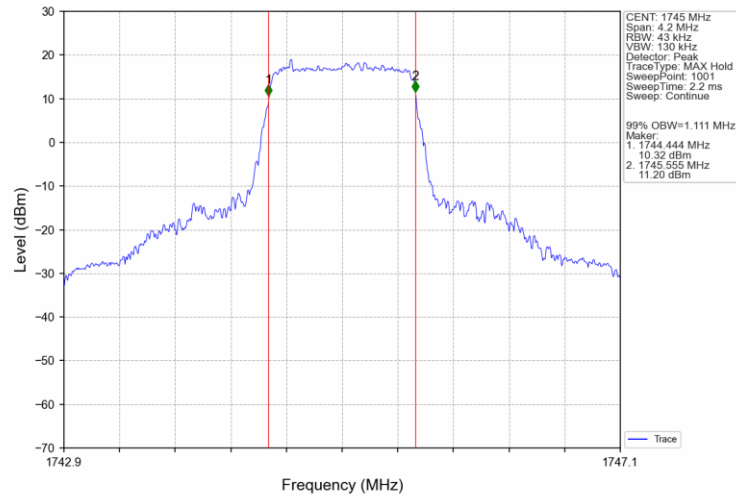
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



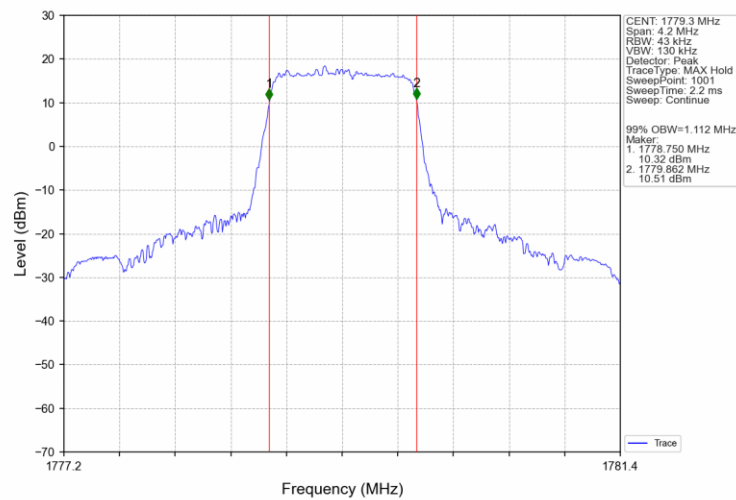
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



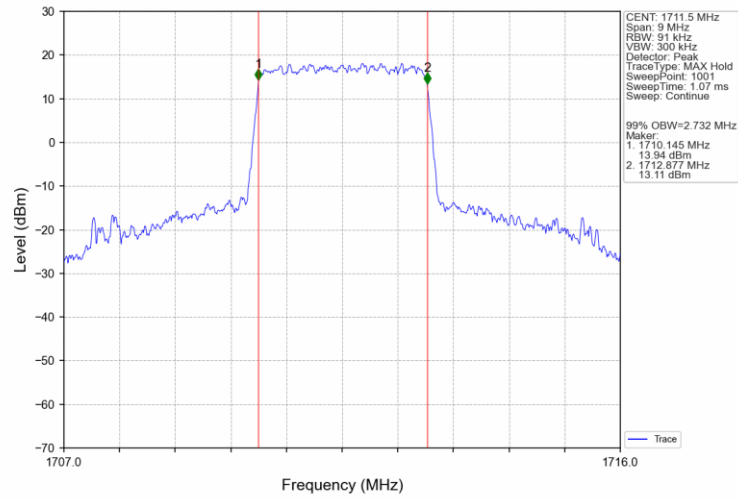
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



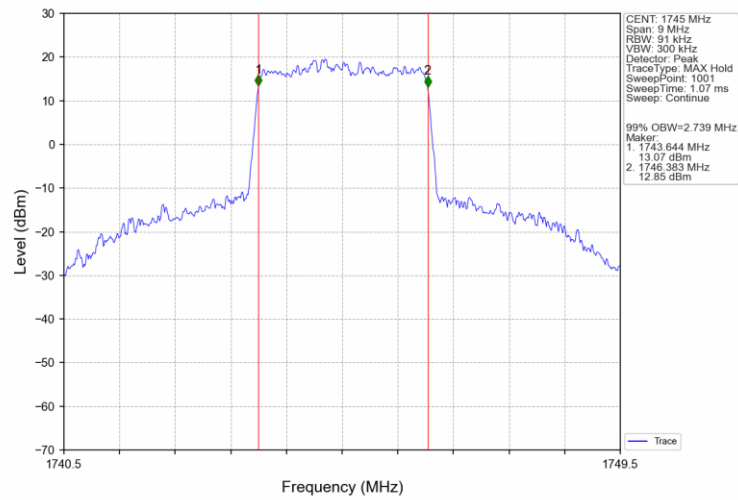
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



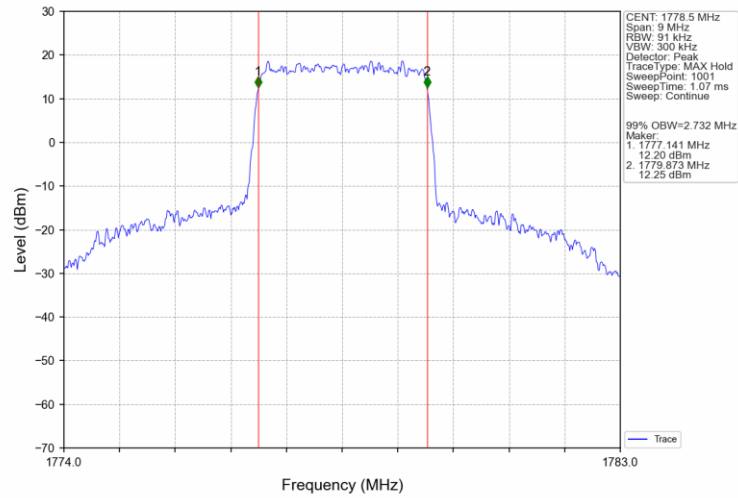
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



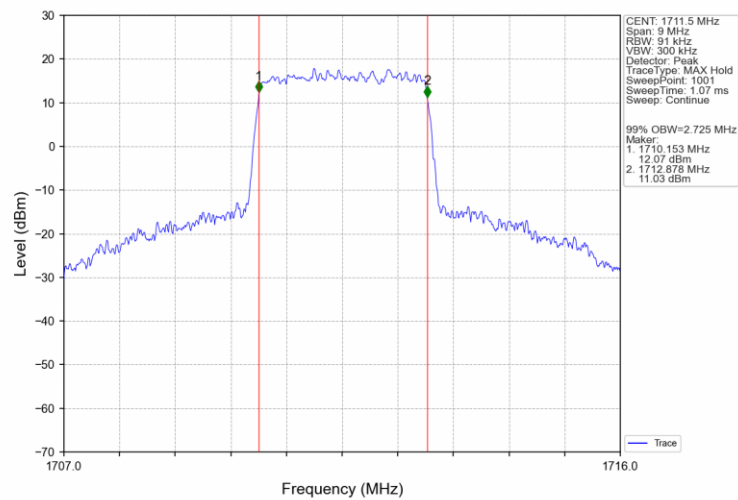
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



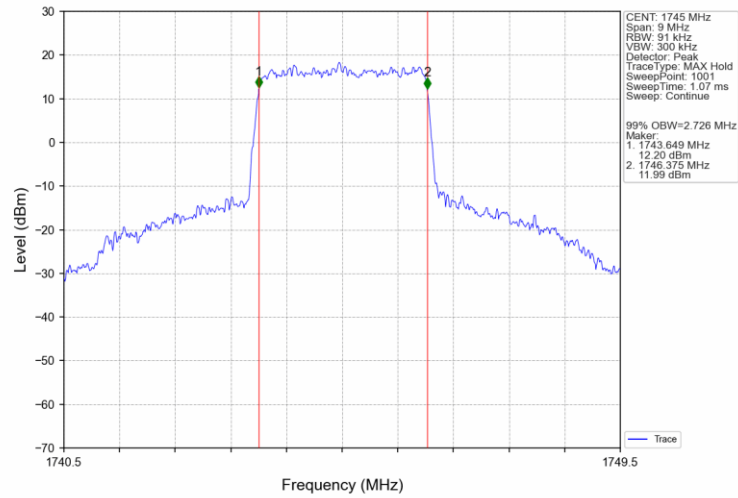
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



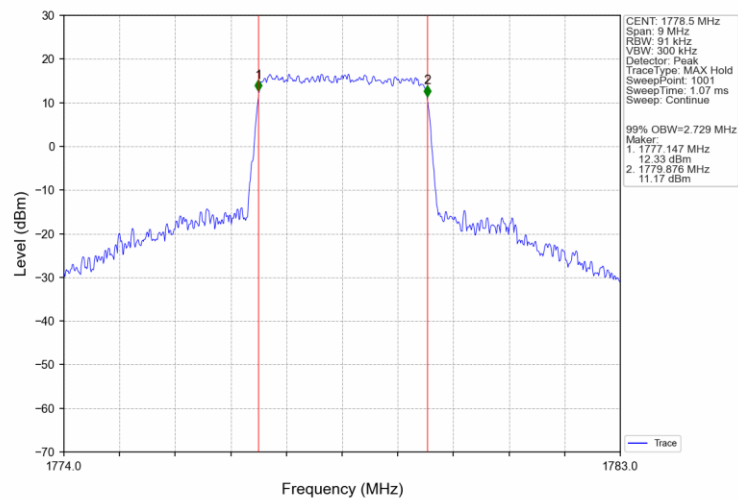
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



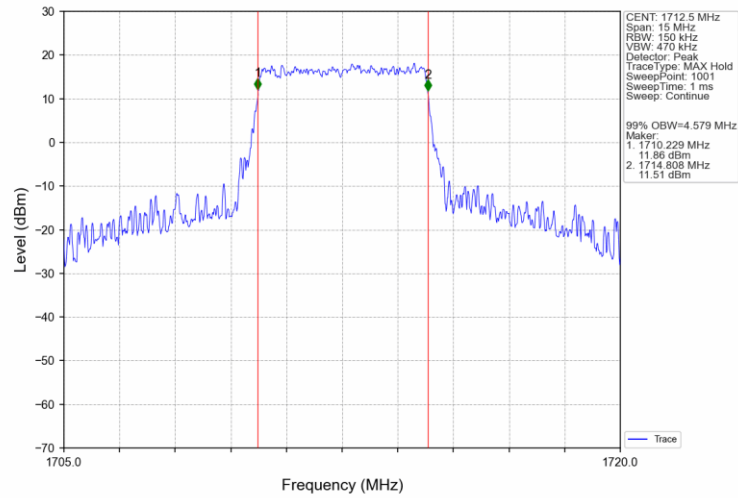
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



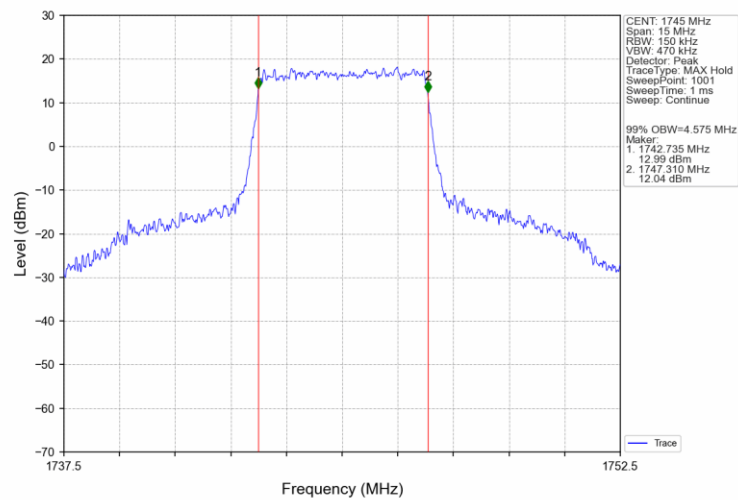
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



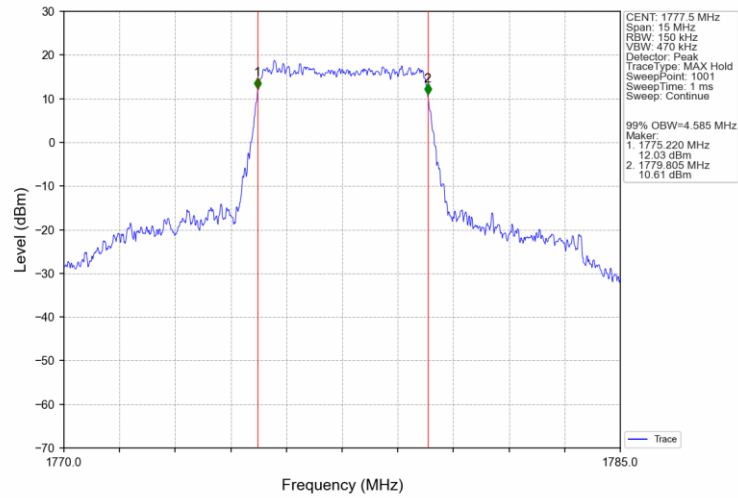
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



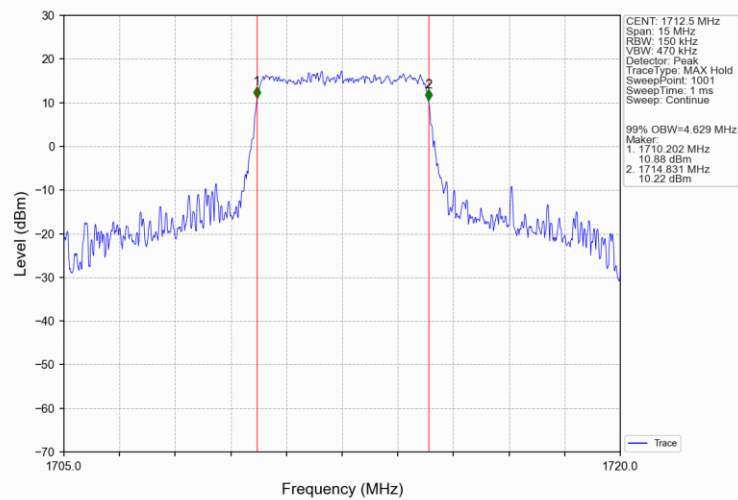
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



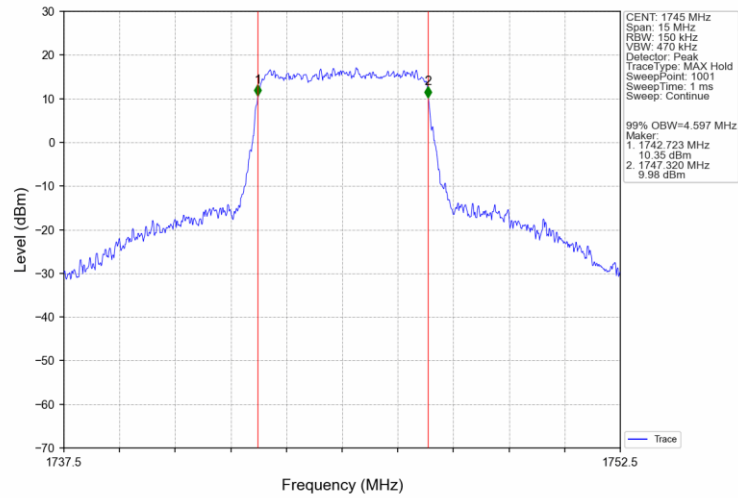
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



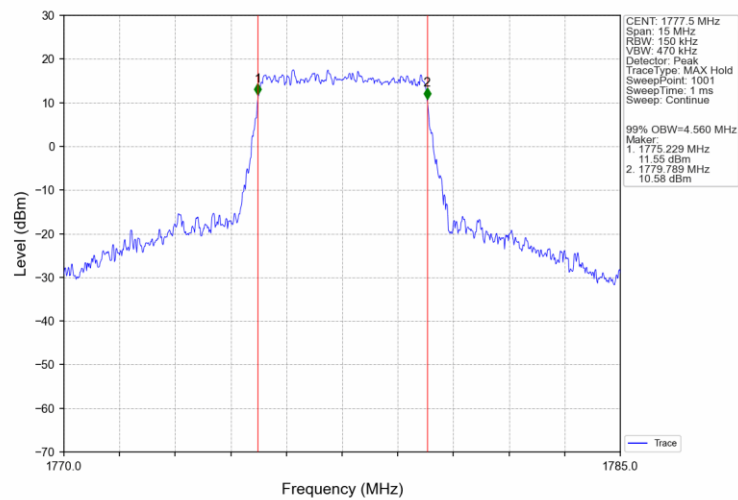
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



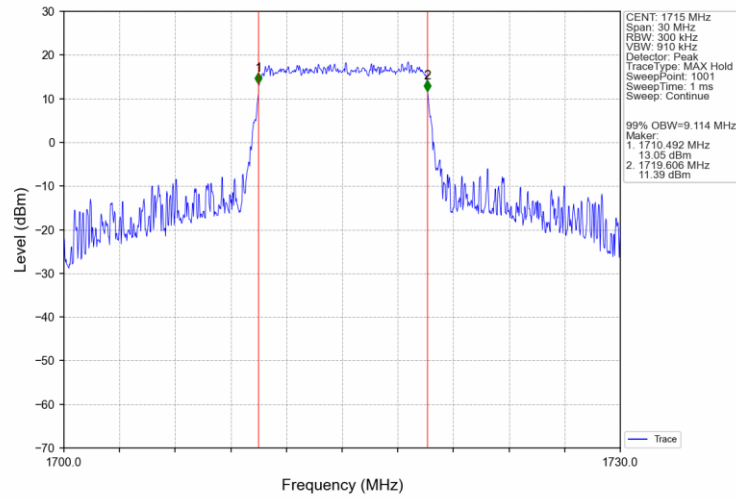
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



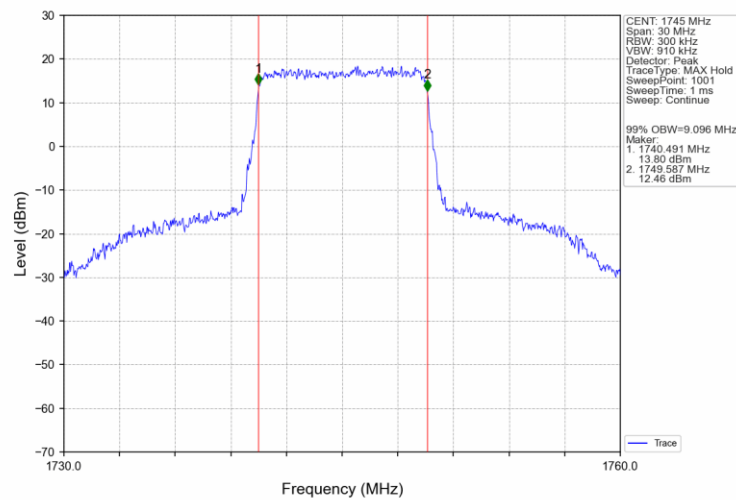
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



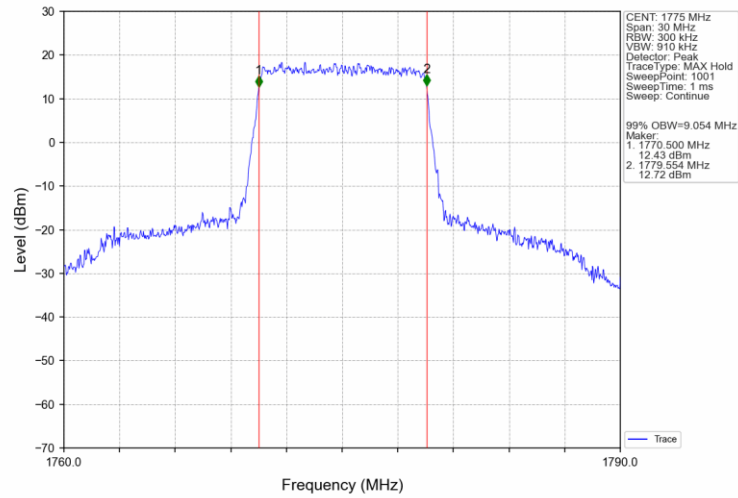
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



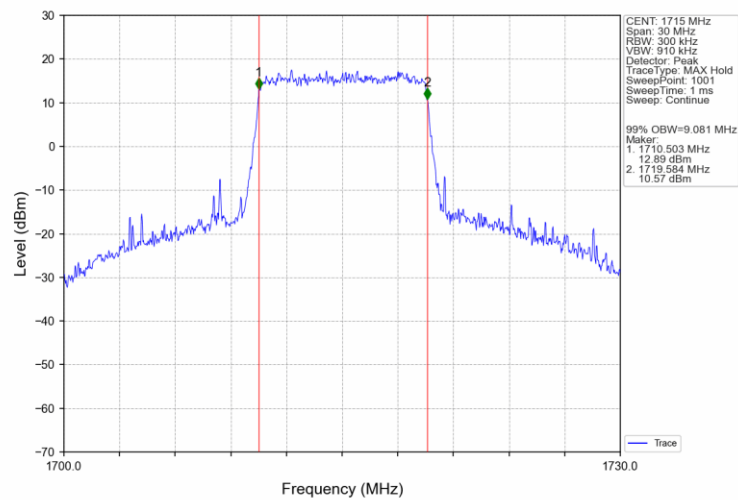
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



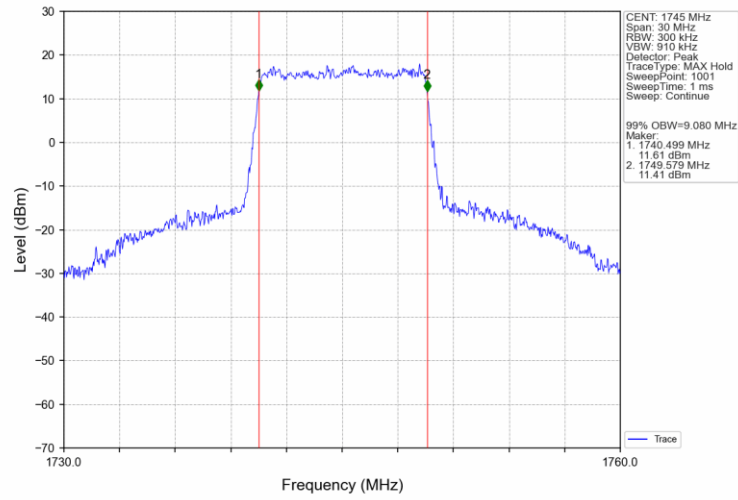
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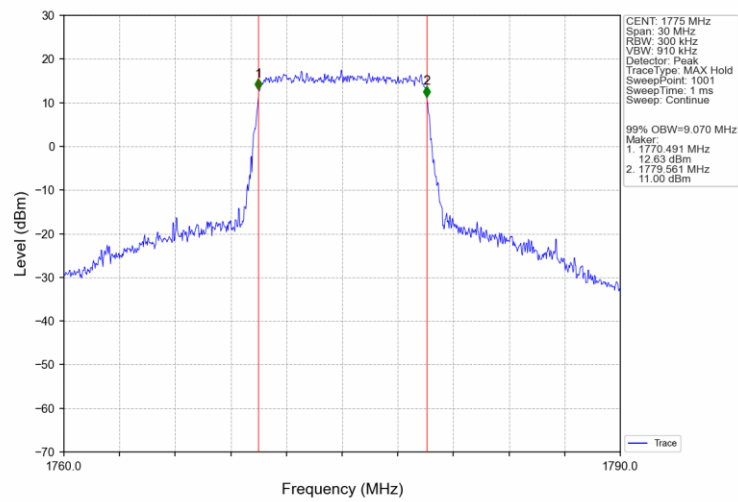
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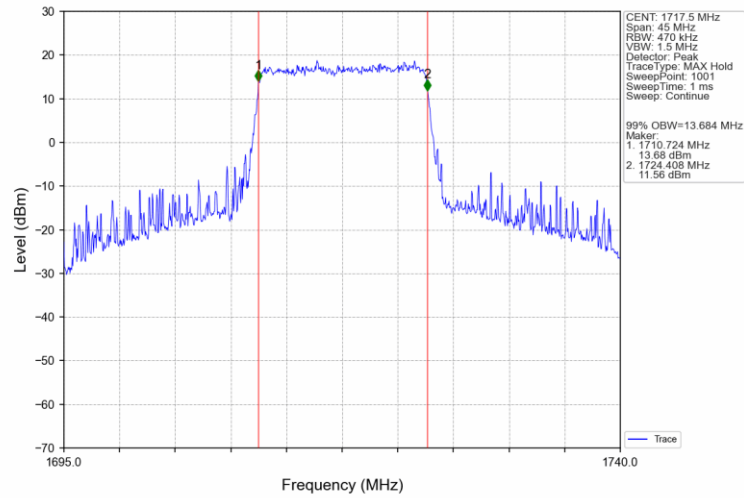
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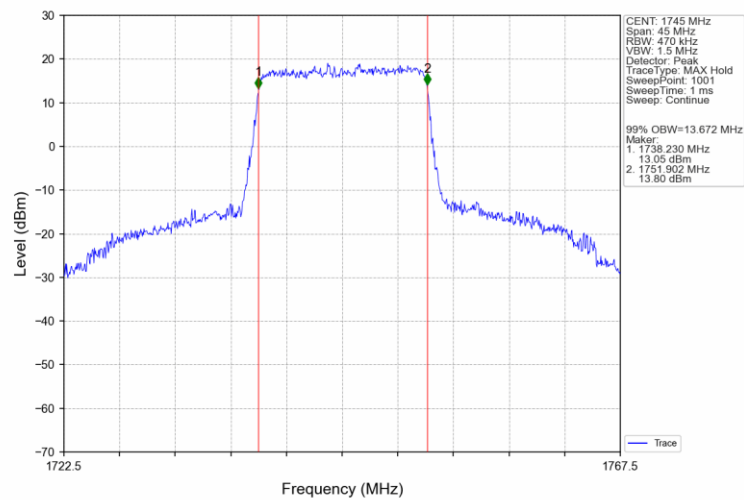
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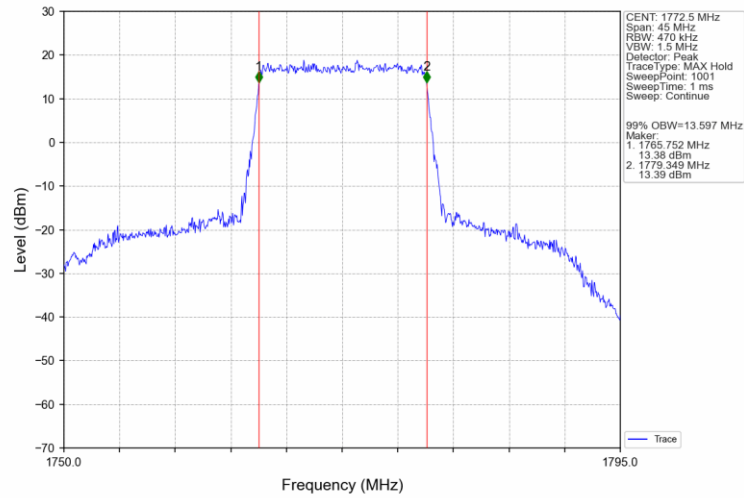
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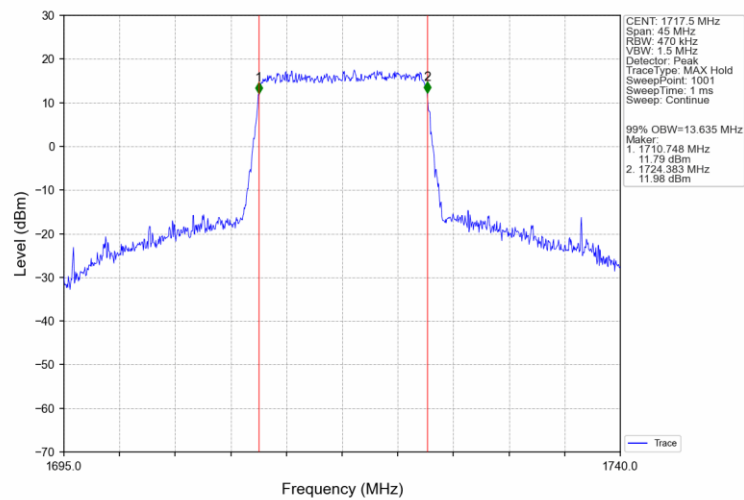
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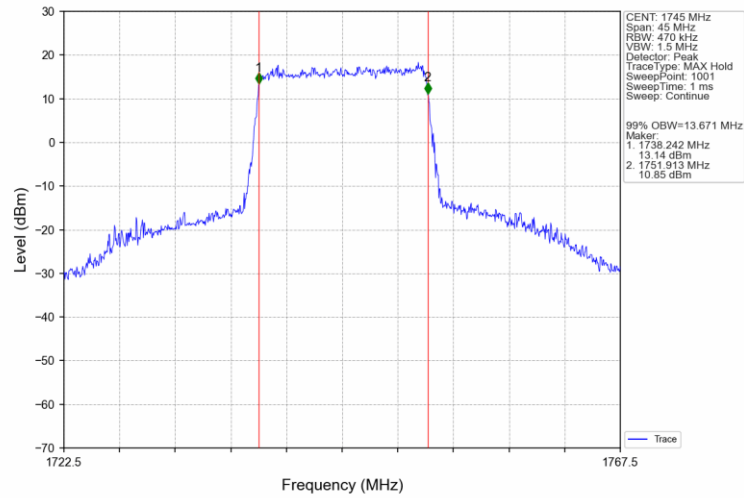
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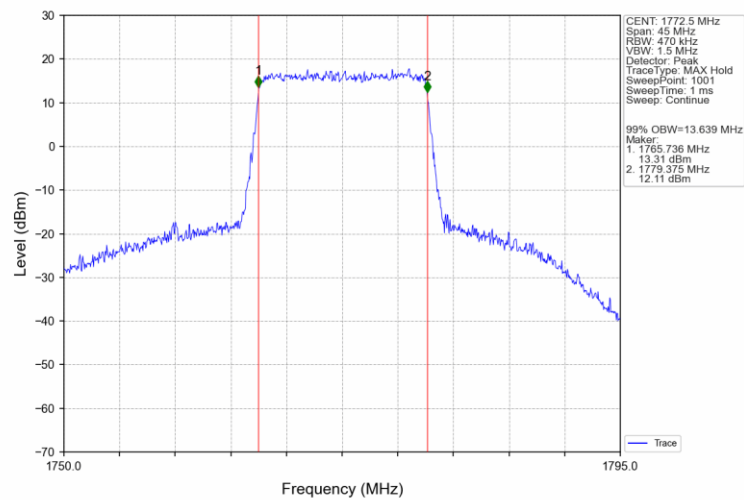
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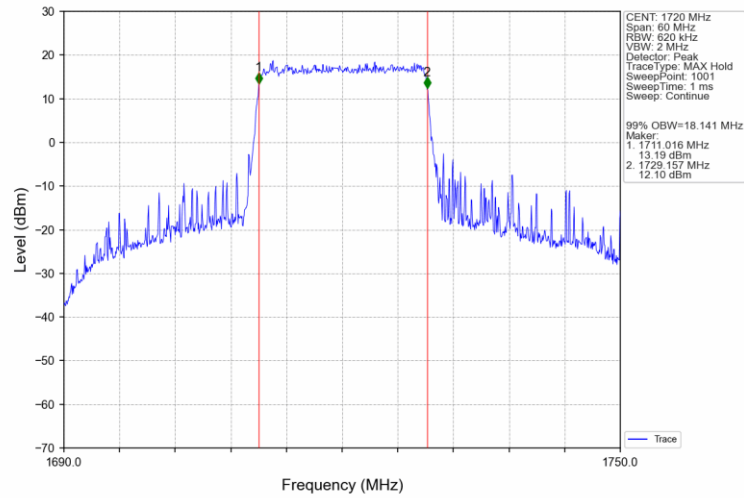
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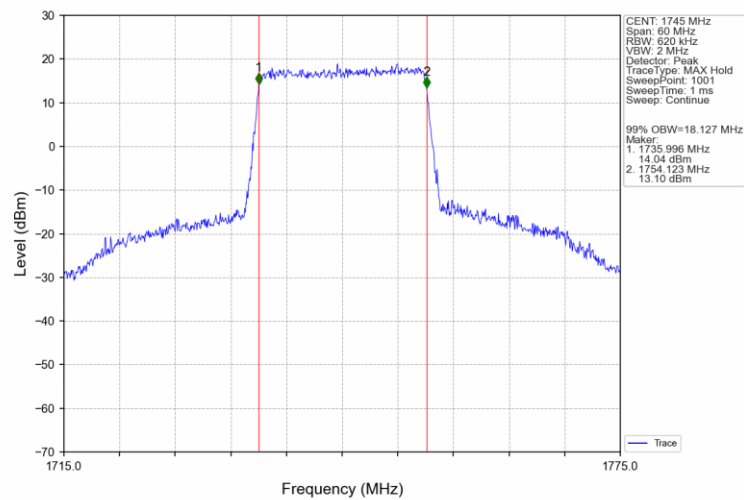
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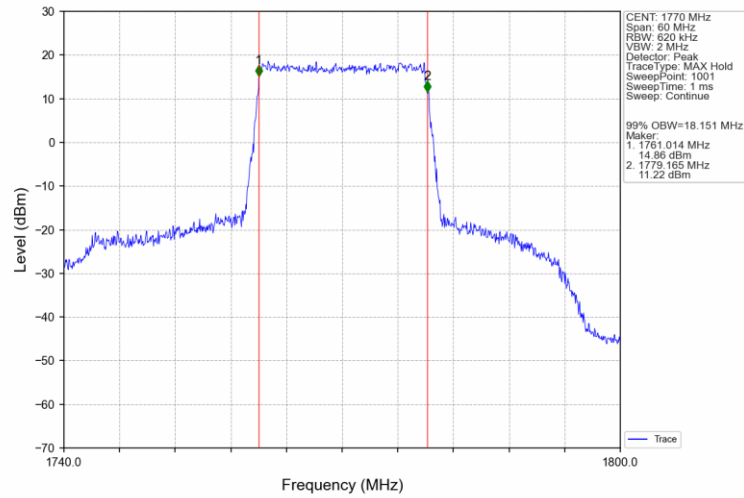
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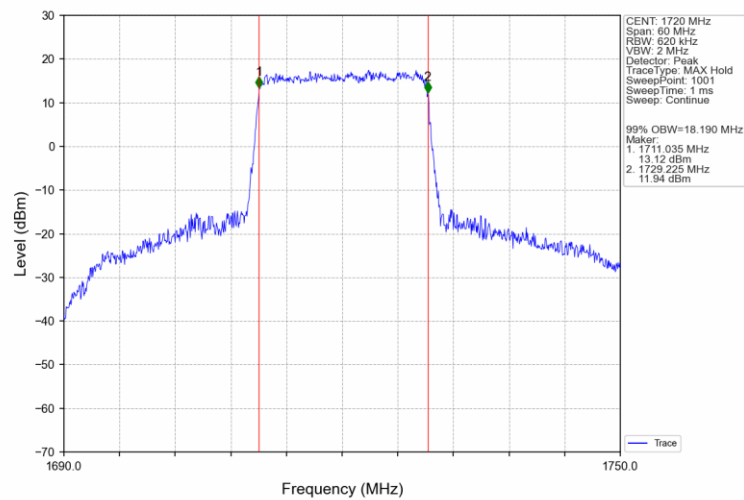
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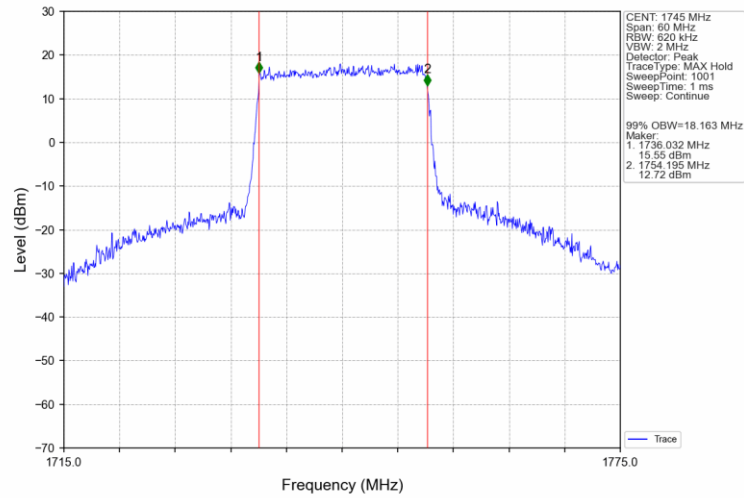
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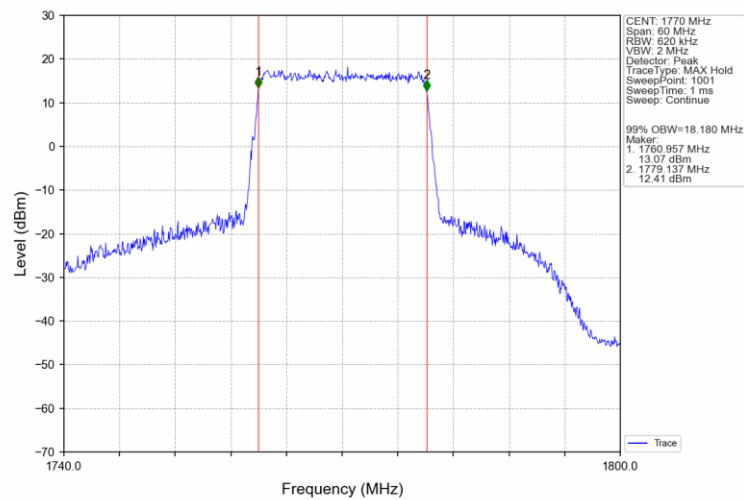
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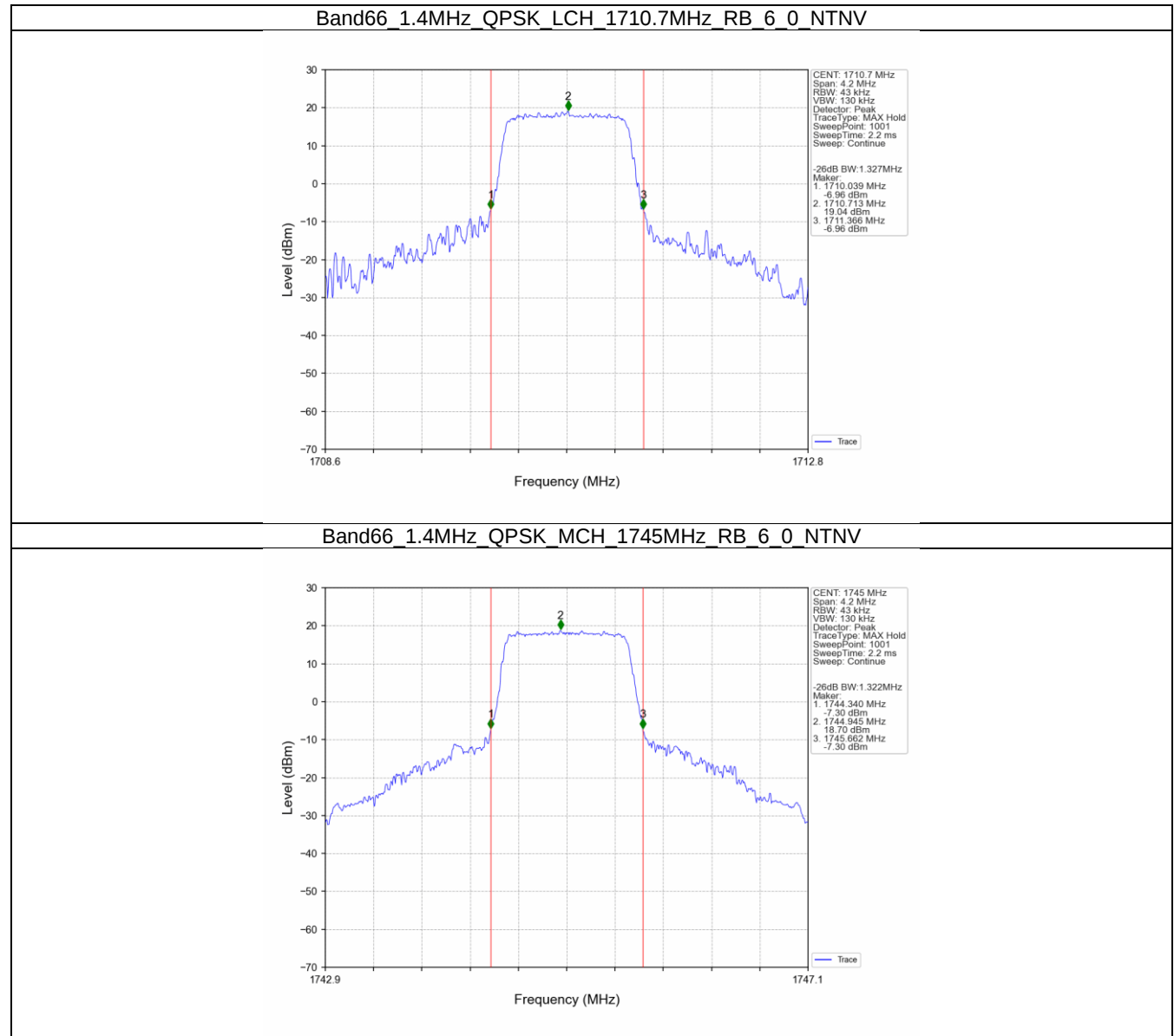
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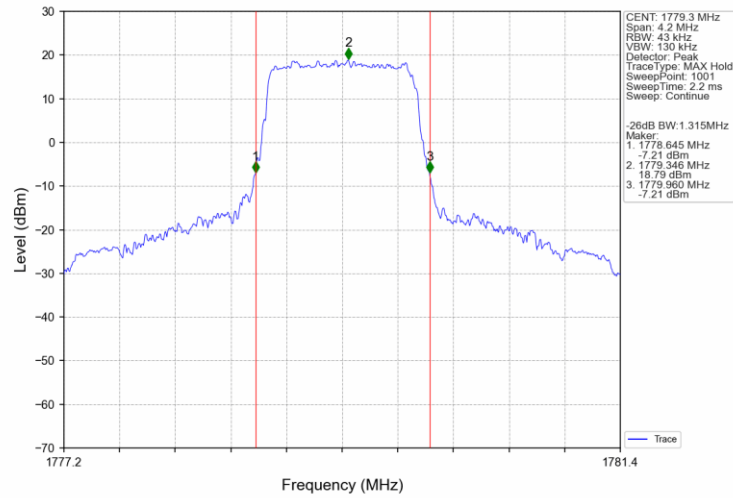
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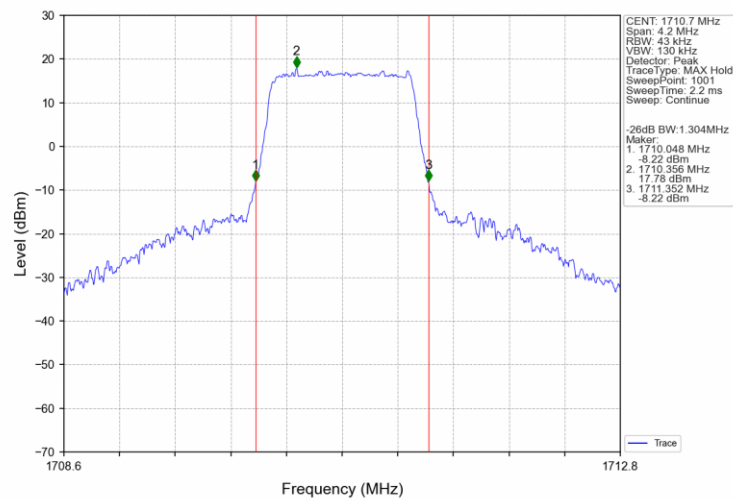
4.2.2 Band66_XDB



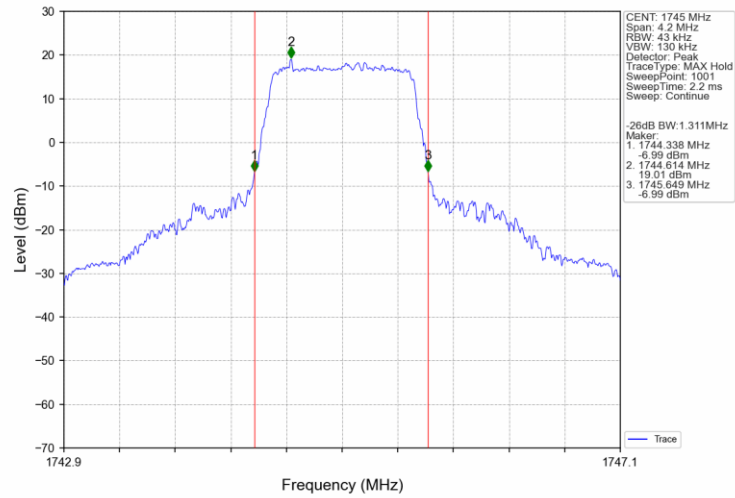
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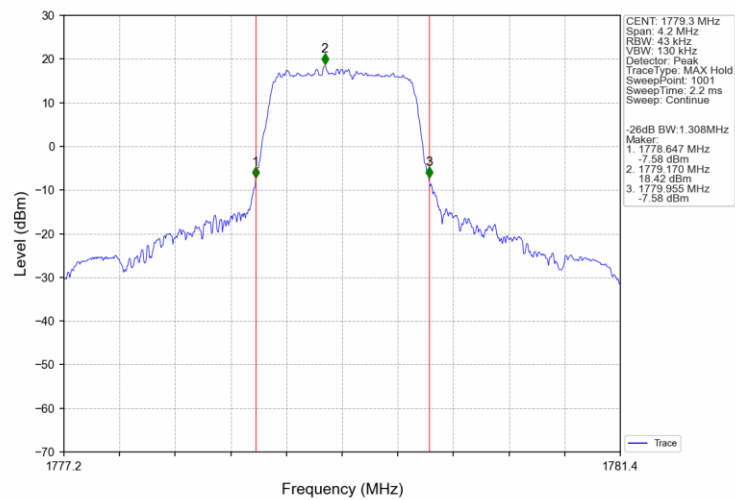
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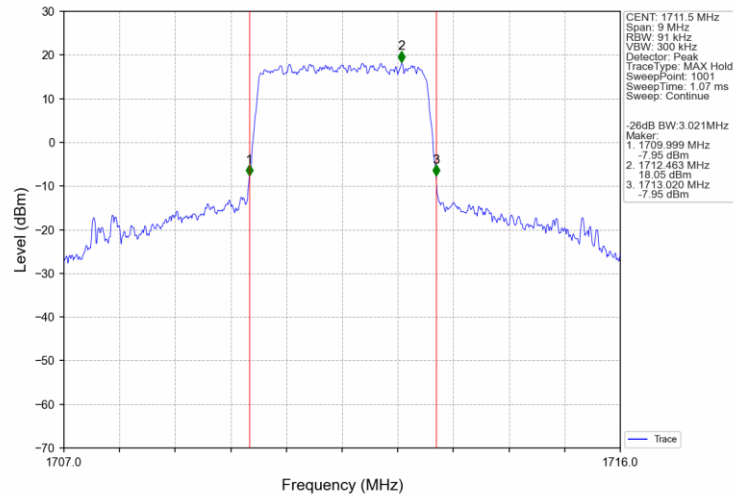
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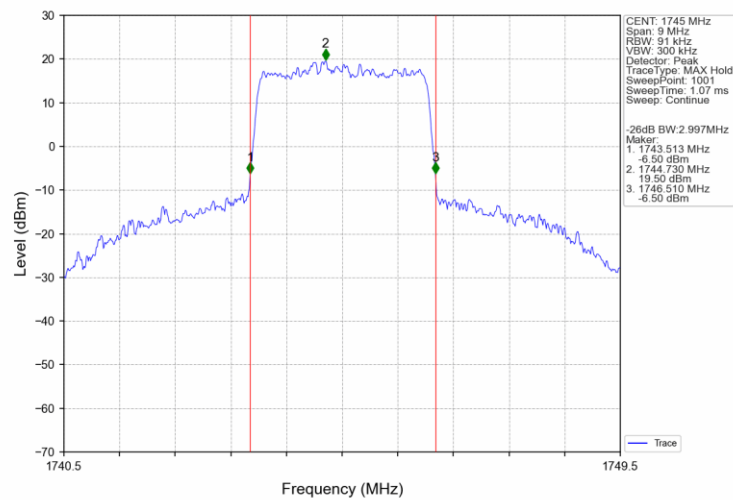
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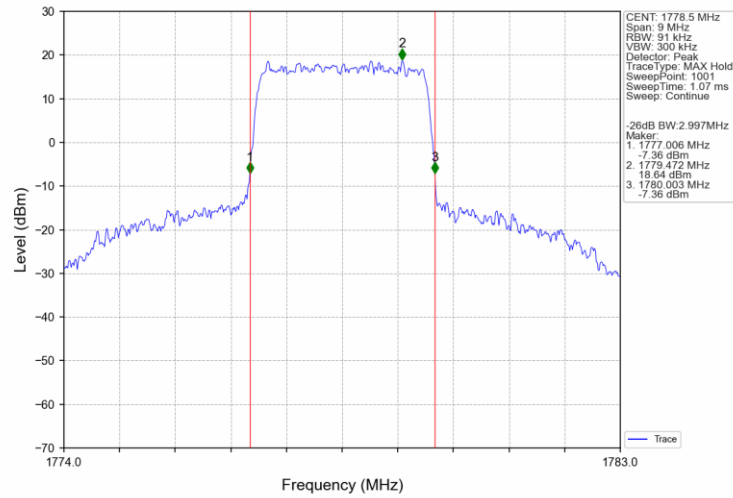
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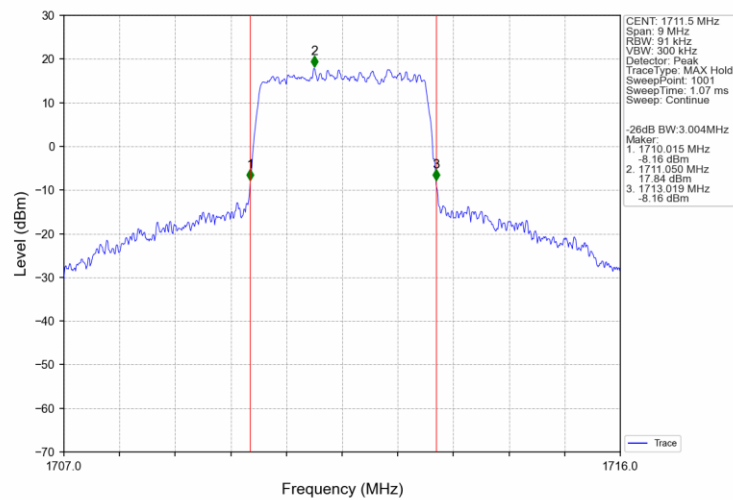
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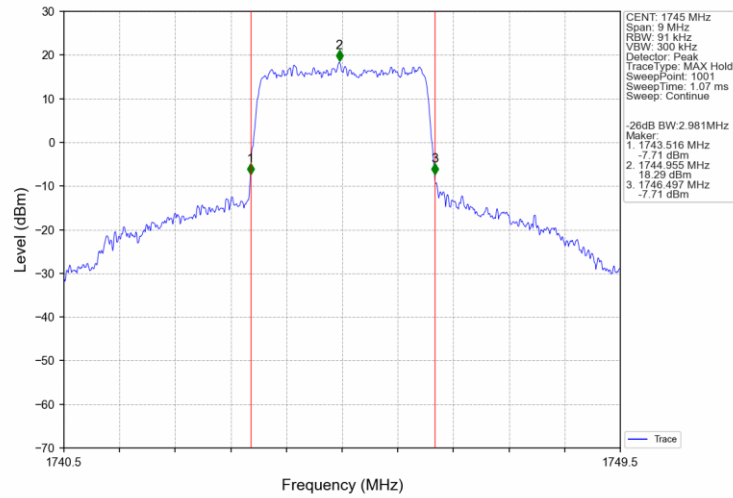
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Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

