

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	23.65	-5.80	17.85	<=30	Pass
			2	23.69	-5.80	17.89	<=30	Pass
			5	23.68	-5.80	17.88	<=30	Pass
		3	0	23.74	-5.80	17.94	<=30	Pass
			2	23.78	-5.80	17.98	<=30	Pass
			3	23.78	-5.80	17.98	<=30	Pass
		6	0	22.72	-5.80	16.92	<=30	Pass
	1745	1	0	23.52	-5.80	17.72	<=30	Pass
			2	23.34	-5.80	17.54	<=30	Pass
			5	23.37	-5.80	17.57	<=30	Pass
		3	0	23.87	-5.80	18.07	<=30	Pass
			2	23.86	-5.80	18.06	<=30	Pass
			3	23.82	-5.80	18.02	<=30	Pass
		6	0	22.91	-5.80	17.11	<=30	Pass
	1779.3	1	0	23.55	-5.80	17.75	<=30	Pass
			2	23.58	-5.80	17.78	<=30	Pass
			5	23.59	-5.80	17.79	<=30	Pass
		3	0	24.25	-5.80	18.45	<=30	Pass
			2	24.26	-5.80	18.46	<=30	Pass
			3	24.25	-5.80	18.45	<=30	Pass
		6	0	23.21	-5.80	17.41	<=30	Pass
16QAM	1710.7	1	0	22.74	-5.80	16.94	<=30	Pass
			2	22.75	-5.80	16.95	<=30	Pass
			5	22.79	-5.80	16.99	<=30	Pass
		3	0	22.75	-5.80	16.95	<=30	Pass
			2	22.74	-5.80	16.94	<=30	Pass
			3	22.75	-5.80	16.95	<=30	Pass
		6	0	21.65	-5.80	15.85	<=30	Pass
	1745	1	0	22.56	-5.80	16.76	<=30	Pass
			2	22.54	-5.80	16.74	<=30	Pass
			5	22.53	-5.80	16.73	<=30	Pass
		3	0	22.84	-5.80	17.04	<=30	Pass
			2	22.82	-5.80	17.02	<=30	Pass
			3	22.81	-5.80	17.01	<=30	Pass
		6	0	21.91	-5.80	16.11	<=30	Pass
	1779.3	1	0	22.72	-5.80	16.92	<=30	Pass
			2	22.73	-5.80	16.93	<=30	Pass
			5	22.74	-5.80	16.94	<=30	Pass
		3	0	23.38	-5.80	17.58	<=30	Pass
			2	23.40	-5.80	17.60	<=30	Pass
			3	23.43	-5.80	17.63	<=30	Pass
		6	0	22.20	-5.80	16.40	<=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	23.20	-5.80	17.40	<=30	Pass
			7	23.19	-5.80	17.39	<=30	Pass
			14	23.24	-5.80	17.44	<=30	Pass
		8	0	22.71	-5.80	16.91	<=30	Pass
			4	22.71	-5.80	16.91	<=30	Pass
			7	22.77	-5.80	16.97	<=30	Pass
		15	0	22.75	-5.80	16.95	<=30	Pass
	1745	1	0	23.31	-5.80	17.51	<=30	Pass
			7	23.27	-5.80	17.47	<=30	Pass
			14	23.25	-5.80	17.45	<=30	Pass
		8	0	22.83	-5.80	17.03	<=30	Pass
			4	22.78	-5.80	16.98	<=30	Pass
			7	22.78	-5.80	16.98	<=30	Pass
		15	0	22.78	-5.80	16.98	<=30	Pass
	1778.5	1	0	23.70	-5.80	17.90	<=30	Pass
			7	23.72	-5.80	17.92	<=30	Pass
			14	23.70	-5.80	17.90	<=30	Pass
		8	0	23.14	-5.80	17.34	<=30	Pass
			4	23.12	-5.80	17.32	<=30	Pass
			7	23.11	-5.80	17.31	<=30	Pass
		15	0	23.15	-5.80	17.35	<=30	Pass
16QAM	1711.5	1	0	22.22	-5.80	16.42	<=30	Pass
			7	22.28	-5.80	16.48	<=30	Pass
			14	22.31	-5.80	16.51	<=30	Pass
		8	0	21.78	-5.80	15.98	<=30	Pass
			4	21.79	-5.80	15.99	<=30	Pass
			7	21.83	-5.80	16.03	<=30	Pass
		15	0	21.78	-5.80	15.98	<=30	Pass
	1745	1	0	22.50	-5.80	16.70	<=30	Pass
			7	22.52	-5.80	16.72	<=30	Pass
			14	22.46	-5.80	16.66	<=30	Pass
		8	0	21.80	-5.80	16.00	<=30	Pass
			4	21.77	-5.80	15.97	<=30	Pass
			7	21.74	-5.80	15.94	<=30	Pass
		15	0	21.73	-5.80	15.93	<=30	Pass
	1778.5	1	0	23.15	-5.80	17.35	<=30	Pass
			7	23.15	-5.80	17.35	<=30	Pass
			14	23.14	-5.80	17.34	<=30	Pass
		8	0	22.38	-5.80	16.58	<=30	Pass
			4	22.38	-5.80	16.58	<=30	Pass
			7	22.39	-5.80	16.59	<=30	Pass
		15	0	22.24	-5.80	16.44	<=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	23.28	-5.80	17.48	<=30	Pass
			13	23.29	-5.80	17.49	<=30	Pass
			24	23.34	-5.80	17.54	<=30	Pass
		12	0	22.69	-5.80	16.89	<=30	Pass
			6	22.76	-5.80	16.96	<=30	Pass
			13	22.80	-5.80	17.00	<=30	Pass
		25	0	22.77	-5.80	16.97	<=30	Pass
	1745	1	0	23.33	-5.80	17.53	<=30	Pass
			13	23.29	-5.80	17.49	<=30	Pass
			24	23.32	-5.80	17.52	<=30	Pass
		12	0	22.84	-5.80	17.04	<=30	Pass
			6	22.81	-5.80	17.01	<=30	Pass
			13	22.77	-5.80	16.97	<=30	Pass
		25	0	22.79	-5.80	16.99	<=30	Pass
	1777.5	1	0	23.80	-5.80	18.00	<=30	Pass
			13	23.84	-5.80	18.04	<=30	Pass
			24	23.89	-5.80	18.09	<=30	Pass
		12	0	23.16	-5.80	17.36	<=30	Pass
			6	23.11	-5.80	17.31	<=30	Pass
			13	23.13	-5.80	17.33	<=30	Pass
		25	0	23.16	-5.80	17.36	<=30	Pass
16QAM	1712.5	1	0	22.32	-5.80	16.52	<=30	Pass
			13	22.36	-5.80	16.56	<=30	Pass
			24	22.39	-5.80	16.59	<=30	Pass
		12	0	21.66	-5.80	15.86	<=30	Pass
			6	21.73	-5.80	15.93	<=30	Pass
			13	21.79	-5.80	15.99	<=30	Pass
		25	0	21.79	-5.80	15.99	<=30	Pass
	1745	1	0	22.63	-5.80	16.83	<=30	Pass
			13	22.60	-5.80	16.80	<=30	Pass
			24	22.57	-5.80	16.77	<=30	Pass
		12	0	21.88	-5.80	16.08	<=30	Pass
			6	21.83	-5.80	16.03	<=30	Pass
			13	21.79	-5.80	15.99	<=30	Pass
		25	0	21.81	-5.80	16.01	<=30	Pass
	1777.5	1	0	22.47	-5.80	16.67	<=30	Pass
			13	22.50	-5.80	16.70	<=30	Pass
			24	22.55	-5.80	16.75	<=30	Pass
		12	0	22.17	-5.80	16.37	<=30	Pass
			6	22.16	-5.80	16.36	<=30	Pass
			13	22.18	-5.80	16.38	<=30	Pass
		25	0	22.21	-5.80	16.41	<=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	23.18	-5.80	17.38	<=30	Pass
			25	23.30	-5.80	17.50	<=30	Pass
			49	23.28	-5.80	17.48	<=30	Pass
		25	0	22.69	-5.80	16.89	<=30	Pass
			13	22.81	-5.80	17.01	<=30	Pass
			25	22.88	-5.80	17.08	<=30	Pass
		50	0	22.81	-5.80	17.01	<=30	Pass
	1745	1	0	23.29	-5.80	17.49	<=30	Pass
			25	23.33	-5.80	17.53	<=30	Pass
			49	23.27	-5.80	17.47	<=30	Pass
		25	0	22.83	-5.80	17.03	<=30	Pass
			13	22.81	-5.80	17.01	<=30	Pass
			25	22.84	-5.80	17.04	<=30	Pass
		50	0	22.87	-5.80	17.07	<=30	Pass
	1775	1	0	23.50	-5.80	17.70	<=30	Pass
			25	23.68	-5.80	17.88	<=30	Pass
			49	23.70	-5.80	17.90	<=30	Pass
		25	0	23.04	-5.80	17.24	<=30	Pass
			13	23.14	-5.80	17.34	<=30	Pass
			25	23.18	-5.80	17.38	<=30	Pass
		50	0	23.14	-5.80	17.34	<=30	Pass
16QAM	1715	1	0	22.22	-5.80	16.42	<=30	Pass
			25	22.31	-5.80	16.51	<=30	Pass
			49	22.30	-5.80	16.50	<=30	Pass
		25	0	21.77	-5.80	15.97	<=30	Pass
			13	21.89	-5.80	16.09	<=30	Pass
			25	21.95	-5.80	16.15	<=30	Pass
		50	0	21.80	-5.80	16.00	<=30	Pass
	1745	1	0	22.47	-5.80	16.67	<=30	Pass
			25	22.53	-5.80	16.73	<=30	Pass
			49	22.45	-5.80	16.65	<=30	Pass
		25	0	21.86	-5.80	16.06	<=30	Pass
			13	21.84	-5.80	16.04	<=30	Pass
			25	21.90	-5.80	16.10	<=30	Pass
		50	0	21.87	-5.80	16.07	<=30	Pass
	1775	1	0	23.02	-5.80	17.22	<=30	Pass
			25	23.14	-5.80	17.34	<=30	Pass
			49	23.12	-5.80	17.32	<=30	Pass
		25	0	22.11	-5.80	16.31	<=30	Pass
			13	22.18	-5.80	16.38	<=30	Pass
			25	22.22	-5.80	16.42	<=30	Pass
		50	0	22.14	-5.80	16.34	<=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	23.09	-5.80	17.29	<=30	Pass
			38	23.20	-5.80	17.40	<=30	Pass
			74	23.16	-5.80	17.36	<=30	Pass
		36	0	22.61	-5.80	16.81	<=30	Pass
			18	22.78	-5.80	16.98	<=30	Pass
			39	22.75	-5.80	16.95	<=30	Pass
		75	0	22.74	-5.80	16.94	<=30	Pass
	1745	1	0	23.26	-5.80	17.46	<=30	Pass
			38	23.30	-5.80	17.50	<=30	Pass
			74	23.21	-5.80	17.41	<=30	Pass
		36	0	22.77	-5.80	16.97	<=30	Pass
			18	22.82	-5.80	17.02	<=30	Pass
			39	22.79	-5.80	16.99	<=30	Pass
		75	0	22.86	-5.80	17.06	<=30	Pass
	1772.5	1	0	23.38	-5.80	17.58	<=30	Pass
			38	23.59	-5.80	17.79	<=30	Pass
			74	23.64	-5.80	17.84	<=30	Pass
		36	0	22.99	-5.80	17.19	<=30	Pass
			18	23.07	-5.80	17.27	<=30	Pass
			39	23.12	-5.80	17.32	<=30	Pass
		75	0	23.09	-5.80	17.29	<=30	Pass
16QAM	1717.5	1	0	22.51	-5.80	16.71	<=30	Pass
			38	22.63	-5.80	16.83	<=30	Pass
			74	22.61	-5.80	16.81	<=30	Pass
		36	0	21.63	-5.80	15.83	<=30	Pass
			18	21.79	-5.80	15.99	<=30	Pass
			39	21.74	-5.80	15.94	<=30	Pass
		75	0	21.72	-5.80	15.92	<=30	Pass
	1745	1	0	22.46	-5.80	16.66	<=30	Pass
			38	22.50	-5.80	16.70	<=30	Pass
			74	22.37	-5.80	16.57	<=30	Pass
		36	0	21.81	-5.80	16.01	<=30	Pass
			18	21.78	-5.80	15.98	<=30	Pass
			39	21.85	-5.80	16.05	<=30	Pass
		75	0	21.82	-5.80	16.02	<=30	Pass
	1772.5	1	0	22.96	-5.80	17.16	<=30	Pass
			38	23.11	-5.80	17.31	<=30	Pass
			74	23.09	-5.80	17.29	<=30	Pass
		36	0	22.02	-5.80	16.22	<=30	Pass
			18	22.09	-5.80	16.29	<=30	Pass
			39	22.18	-5.80	16.38	<=30	Pass
		75	0	22.09	-5.80	16.29	<=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	23.08	-5.80	17.28	<=30	Pass
			50	23.27	-5.80	17.47	<=30	Pass
			99	23.24	-5.80	17.44	<=30	Pass
		50	0	22.65	-5.80	16.85	<=30	Pass
			25	22.87	-5.80	17.07	<=30	Pass
			50	22.91	-5.80	17.11	<=30	Pass
		100	0	22.78	-5.80	16.98	<=30	Pass
	1745	1	0	23.26	-5.80	17.46	<=30	Pass
			50	23.34	-5.80	17.54	<=30	Pass
			99	23.22	-5.80	17.42	<=30	Pass
		50	0	22.80	-5.80	17.00	<=30	Pass
			25	22.90	-5.80	17.10	<=30	Pass
			50	22.89	-5.80	17.09	<=30	Pass
		100	0	22.83	-5.80	17.03	<=30	Pass
	1770	1	0	23.25	-5.80	17.45	<=30	Pass
			50	23.52	-5.80	17.72	<=30	Pass
			99	23.53	-5.80	17.73	<=30	Pass
		50	0	22.97	-5.80	17.17	<=30	Pass
			25	23.06	-5.80	17.26	<=30	Pass
			50	23.19	-5.80	17.39	<=30	Pass
		100	0	23.09	-5.80	17.29	<=30	Pass
16QAM	1720	1	0	22.69	-5.80	16.89	<=30	Pass
			50	22.89	-5.80	17.09	<=30	Pass
			99	22.89	-5.80	17.09	<=30	Pass
		50	0	21.62	-5.80	15.82	<=30	Pass
			25	21.84	-5.80	16.04	<=30	Pass
			50	21.88	-5.80	16.08	<=30	Pass
		100	0	21.77	-5.80	15.97	<=30	Pass
	1745	1	0	22.45	-5.80	16.65	<=30	Pass
			50	22.56	-5.80	16.76	<=30	Pass
			99	22.46	-5.80	16.66	<=30	Pass
		50	0	21.78	-5.80	15.98	<=30	Pass
			25	21.87	-5.80	16.07	<=30	Pass
			50	21.87	-5.80	16.07	<=30	Pass
		100	0	21.81	-5.80	16.01	<=30	Pass
	1770	1	0	22.54	-5.80	16.74	<=30	Pass
			50	22.80	-5.80	17.00	<=30	Pass
			99	22.81	-5.80	17.01	<=30	Pass
		50	0	21.96	-5.80	16.16	<=30	Pass
			25	22.06	-5.80	16.26	<=30	Pass
			50	22.15	-5.80	16.35	<=30	Pass
		100	0	22.07	-5.80	16.27	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	LV	-6.251	-0.0037	-2.5 to 2.5	Pass
					NV	-2.818	-0.0016	-2.5 to 2.5	Pass
					HV	10.643	0.0062	-2.5 to 2.5	Pass
				-30	NV	3.905	0.0023	-2.5 to 2.5	Pass
				-20	NV	-1.216	-0.0007	-2.5 to 2.5	Pass
				-10	NV	-0.229	-0.0001	-2.5 to 2.5	Pass
				0	NV	4.563	0.0027	-2.5 to 2.5	Pass
				10	NV	8.755	0.0051	-2.5 to 2.5	Pass
				30	NV	9.613	0.0056	-2.5 to 2.5	Pass
				40	NV	4.091	0.0024	-2.5 to 2.5	Pass
				50	NV	4.306	0.0025	-2.5 to 2.5	Pass
	1745	6	0	20	LV	1.159	0.0007	-2.5 to 2.5	Pass
					NV	8.554	0.0049	-2.5 to 2.5	Pass
					HV	11.187	0.0064	-2.5 to 2.5	Pass
				-30	NV	7.524	0.0043	-2.5 to 2.5	Pass
				-20	NV	1.302	0.0007	-2.5 to 2.5	Pass
				-10	NV	2.632	0.0015	-2.5 to 2.5	Pass
				0	NV	4.449	0.0025	-2.5 to 2.5	Pass
				10	NV	11.687	0.0067	-2.5 to 2.5	Pass
				30	NV	8.683	0.0050	-2.5 to 2.5	Pass
				40	NV	6.080	0.0035	-2.5 to 2.5	Pass
				50	NV	3.605	0.0021	-2.5 to 2.5	Pass
	1779.3	6	0	20	LV	4.821	0.0027	-2.5 to 2.5	Pass
					NV	2.503	0.0014	-2.5 to 2.5	Pass
					HV	6.838	0.0038	-2.5 to 2.5	Pass
				-30	NV	5.507	0.0031	-2.5 to 2.5	Pass
				-20	NV	6.609	0.0037	-2.5 to 2.5	Pass
				-10	NV	3.247	0.0018	-2.5 to 2.5	Pass
				0	NV	5.450	0.0031	-2.5 to 2.5	Pass
				10	NV	6.080	0.0034	-2.5 to 2.5	Pass
				30	NV	5.178	0.0029	-2.5 to 2.5	Pass
				40	NV	3.433	0.0019	-2.5 to 2.5	Pass
				50	NV	2.303	0.0013	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	LV	5.565	0.0033	-2.5 to 2.5	Pass
					NV	-3.533	-0.0021	-2.5 to 2.5	Pass
					HV	10.242	0.0060	-2.5 to 2.5	Pass
				-30	NV	4.306	0.0025	-2.5 to 2.5	Pass
				-20	NV	5.350	0.0031	-2.5 to 2.5	Pass
				-10	NV	-1.888	-0.0011	-2.5 to 2.5	Pass
				0	NV	-5.021	-0.0029	-2.5 to 2.5	Pass
				10	NV	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	NV	-3.190	-0.0019	-2.5 to 2.5	Pass
				40	NV	7.939	0.0046	-2.5 to 2.5	Pass
				50	NV	-0.815	-0.0005	-2.5 to 2.5	Pass
	1745	6	0	20	LV	5.193	0.0030	-2.5 to 2.5	Pass
					NV	-4.606	-0.0026	-2.5 to 2.5	Pass
					HV	6.709	0.0038	-2.5 to 2.5	Pass
				-30	NV	8.354	0.0048	-2.5 to 2.5	Pass
				-20	NV	7.839	0.0045	-2.5 to 2.5	Pass
				-10	NV	9.127	0.0052	-2.5 to 2.5	Pass

				0	NV	3.834	0.0022	-2.5 to 2.5	Pass
				10	NV	5.722	0.0033	-2.5 to 2.5	Pass
				30	NV	6.595	0.0038	-2.5 to 2.5	Pass
				40	NV	3.204	0.0018	-2.5 to 2.5	Pass
				50	NV	3.219	0.0018	-2.5 to 2.5	Pass
	1779.3	6	0	20	LV	5.236	0.0029	-2.5 to 2.5	Pass
					NV	7.596	0.0043	-2.5 to 2.5	Pass
					HV	-4.263	-0.0024	-2.5 to 2.5	Pass
				-30	NV	8.469	0.0048	-2.5 to 2.5	Pass
				-20	NV	5.479	0.0031	-2.5 to 2.5	Pass
				-10	NV	5.994	0.0034	-2.5 to 2.5	Pass
				0	NV	4.592	0.0026	-2.5 to 2.5	Pass
				10	NV	7.310	0.0041	-2.5 to 2.5	Pass
				30	NV	7.811	0.0044	-2.5 to 2.5	Pass
				40	NV	-0.801	-0.0005	-2.5 to 2.5	Pass
				50	NV	1.159	0.0007	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	LV	-1.745	-0.0010	-2.5 to 2.5	Pass
					NV	1.659	0.0010	-2.5 to 2.5	Pass
					HV	5.193	0.0030	-2.5 to 2.5	Pass
				-30	NV	4.606	0.0027	-2.5 to 2.5	Pass
				-20	NV	-2.389	-0.0014	-2.5 to 2.5	Pass
				-10	NV	-3.390	-0.0020	-2.5 to 2.5	Pass
				0	NV	1.416	0.0008	-2.5 to 2.5	Pass
				10	NV	0.987	0.0006	-2.5 to 2.5	Pass
				30	NV	2.975	0.0017	-2.5 to 2.5	Pass
				40	NV	3.519	0.0021	-2.5 to 2.5	Pass
	1745	15	0	50	NV	-2.360	-0.0014	-2.5 to 2.5	Pass
				20	LV	4.735	0.0027	-2.5 to 2.5	Pass
					NV	7.868	0.0045	-2.5 to 2.5	Pass
					HV	3.705	0.0021	-2.5 to 2.5	Pass
				-30	NV	-1.173	-0.0007	-2.5 to 2.5	Pass
				-20	NV	0.443	0.0003	-2.5 to 2.5	Pass
				-10	NV	-10.614	-0.0061	-2.5 to 2.5	Pass
				0	NV	4.935	0.0028	-2.5 to 2.5	Pass
				10	NV	6.766	0.0039	-2.5 to 2.5	Pass
				30	NV	-2.031	-0.0012	-2.5 to 2.5	Pass
	1778.5	15	0	40	NV	3.719	0.0021	-2.5 to 2.5	Pass
				50	NV	4.363	0.0025	-2.5 to 2.5	Pass
				20	LV	-2.618	-0.0015	-2.5 to 2.5	Pass
					NV	4.406	0.0025	-2.5 to 2.5	Pass
					HV	4.148	0.0023	-2.5 to 2.5	Pass
				-30	NV	-13.719	-0.0077	-2.5 to 2.5	Pass
				-20	NV	-2.017	-0.0011	-2.5 to 2.5	Pass
				-10	NV	0.443	0.0002	-2.5 to 2.5	Pass
				0	NV	-2.875	-0.0016	-2.5 to 2.5	Pass
				10	NV	-4.621	-0.0026	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	LV	-3.505	-0.0020	-2.5 to 2.5	Pass
					NV	-0.272	-0.0002	-2.5 to 2.5	Pass
					HV	0.801	0.0005	-2.5 to 2.5	Pass

				-30	NV	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	NV	5.279	0.0031	-2.5 to 2.5	Pass
				-10	NV	0.515	0.0003	-2.5 to 2.5	Pass
				0	NV	-6.709	-0.0039	-2.5 to 2.5	Pass
				10	NV	1.960	0.0011	-2.5 to 2.5	Pass
				30	NV	-2.503	-0.0015	-2.5 to 2.5	Pass
				40	NV	-0.987	-0.0006	-2.5 to 2.5	Pass
				50	NV	0.486	0.0003	-2.5 to 2.5	Pass
	1745	15	0	20	LV	3.648	0.0021	-2.5 to 2.5	Pass
					NV	4.592	0.0026	-2.5 to 2.5	Pass
					HV	-1.202	-0.0007	-2.5 to 2.5	Pass
				-30	NV	6.967	0.0040	-2.5 to 2.5	Pass
				-20	NV	2.618	0.0015	-2.5 to 2.5	Pass
				-10	NV	9.470	0.0054	-2.5 to 2.5	Pass
				0	NV	7.167	0.0041	-2.5 to 2.5	Pass
				10	NV	4.778	0.0027	-2.5 to 2.5	Pass
				30	NV	3.319	0.0019	-2.5 to 2.5	Pass
				40	NV	5.865	0.0034	-2.5 to 2.5	Pass
				50	NV	2.017	0.0012	-2.5 to 2.5	Pass
	1778.5	15	0	20	LV	-0.043	0.0000	-2.5 to 2.5	Pass
					NV	-5.751	-0.0032	-2.5 to 2.5	Pass
					HV	-0.458	-0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.987	-0.0006	-2.5 to 2.5	Pass
				-20	NV	-3.877	-0.0022	-2.5 to 2.5	Pass
				-10	NV	0.386	0.0002	-2.5 to 2.5	Pass
				0	NV	0.558	0.0003	-2.5 to 2.5	Pass
				10	NV	-0.343	-0.0002	-2.5 to 2.5	Pass
				30	NV	0.815	0.0005	-2.5 to 2.5	Pass
				40	NV	3.648	0.0021	-2.5 to 2.5	Pass
				50	NV	-6.680	-0.0038	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	LV	0.687	0.0004	-2.5 to 2.5	Pass
					NV	-0.558	-0.0003	-2.5 to 2.5	Pass
					HV	-5.579	-0.0033	-2.5 to 2.5	Pass
				-30	NV	2.532	0.0015	-2.5 to 2.5	Pass
				-20	NV	-0.372	-0.0002	-2.5 to 2.5	Pass
				-10	NV	-2.975	-0.0017	-2.5 to 2.5	Pass
				0	NV	-3.719	-0.0022	-2.5 to 2.5	Pass
				10	NV	-0.358	-0.0002	-2.5 to 2.5	Pass
				30	NV	-12.803	-0.0075	-2.5 to 2.5	Pass
				40	NV	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	NV	-1.945	-0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	LV	2.961	0.0017	-2.5 to 2.5	Pass
					NV	1.087	0.0006	-2.5 to 2.5	Pass
					HV	3.734	0.0021	-2.5 to 2.5	Pass
				-30	NV	5.851	0.0034	-2.5 to 2.5	Pass
				-20	NV	-2.418	-0.0014	-2.5 to 2.5	Pass
				-10	NV	3.033	0.0017	-2.5 to 2.5	Pass
				0	NV	1.717	0.0010	-2.5 to 2.5	Pass
				10	NV	-3.204	-0.0018	-2.5 to 2.5	Pass
				30	NV	-0.443	-0.0003	-2.5 to 2.5	Pass
				40	NV	1.416	0.0008	-2.5 to 2.5	Pass
				50	NV	3.448	0.0020	-2.5 to 2.5	Pass

	1777.5	25	0	20	LV	8.912	0.0050	-2.5 to 2.5	Pass
					NV	3.734	0.0021	-2.5 to 2.5	Pass
					HV	0.243	0.0001	-2.5 to 2.5	Pass
				-30	NV	2.103	0.0012	-2.5 to 2.5	Pass
				-20	NV	3.519	0.0020	-2.5 to 2.5	Pass
				-10	NV	-1.831	-0.0010	-2.5 to 2.5	Pass
				0	NV	7.110	0.0040	-2.5 to 2.5	Pass
				10	NV	3.920	0.0022	-2.5 to 2.5	Pass
				30	NV	7.110	0.0040	-2.5 to 2.5	Pass
				40	NV	5.851	0.0033	-2.5 to 2.5	Pass
				50	NV	1.788	0.0010	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	LV	-0.758	-0.0004	-2.5 to 2.5	Pass
					NV	7.939	0.0046	-2.5 to 2.5	Pass
					HV	1.073	0.0006	-2.5 to 2.5	Pass
				-30	NV	-1.330	-0.0008	-2.5 to 2.5	Pass
				-20	NV	2.360	0.0014	-2.5 to 2.5	Pass
				-10	NV	2.732	0.0016	-2.5 to 2.5	Pass
				0	NV	2.575	0.0015	-2.5 to 2.5	Pass
				10	NV	3.519	0.0021	-2.5 to 2.5	Pass
				30	NV	0.415	0.0002	-2.5 to 2.5	Pass
				40	NV	2.933	0.0017	-2.5 to 2.5	Pass
				50	NV	1.702	0.0010	-2.5 to 2.5	Pass
	1745	25	0	20	LV	5.136	0.0029	-2.5 to 2.5	Pass
					NV	1.788	0.0010	-2.5 to 2.5	Pass
					HV	2.561	0.0015	-2.5 to 2.5	Pass
				-30	NV	1.845	0.0011	-2.5 to 2.5	Pass
				-20	NV	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	NV	1.488	0.0009	-2.5 to 2.5	Pass
				0	NV	-1.059	-0.0006	-2.5 to 2.5	Pass
				10	NV	7.710	0.0044	-2.5 to 2.5	Pass
				30	NV	9.670	0.0055	-2.5 to 2.5	Pass
				40	NV	-0.587	-0.0003	-2.5 to 2.5	Pass
				50	NV	3.705	0.0021	-2.5 to 2.5	Pass
	1777.5	25	0	20	LV	1.745	0.0010	-2.5 to 2.5	Pass
					NV	2.546	0.0014	-2.5 to 2.5	Pass
					HV	-1.717	-0.0010	-2.5 to 2.5	Pass
				-30	NV	3.676	0.0021	-2.5 to 2.5	Pass
				-20	NV	4.091	0.0023	-2.5 to 2.5	Pass
				-10	NV	2.017	0.0011	-2.5 to 2.5	Pass
				0	NV	-1.030	-0.0006	-2.5 to 2.5	Pass
				10	NV	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	NV	-4.077	-0.0023	-2.5 to 2.5	Pass
				40	NV	-1.602	-0.0009	-2.5 to 2.5	Pass
				50	NV	8.011	0.0045	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	LV	4.878	0.0028	-2.5 to 2.5	Pass
					NV	2.232	0.0013	-2.5 to 2.5	Pass
					HV	2.060	0.0012	-2.5 to 2.5	Pass
				-30	NV	4.663	0.0027	-2.5 to 2.5	Pass
				-20	NV	4.592	0.0027	-2.5 to 2.5	Pass
				-10	NV	2.632	0.0015	-2.5 to 2.5	Pass
				0	NV	3.119	0.0018	-2.5 to 2.5	Pass
				10	NV	4.978	0.0029	-2.5 to 2.5	Pass

				30	NV	4.935	0.0029	-2.5 to 2.5	Pass
				40	NV	2.518	0.0015	-2.5 to 2.5	Pass
				50	NV	4.034	0.0024	-2.5 to 2.5	Pass
	1745	50	0	20	LV	0.057	0.0000	-2.5 to 2.5	Pass
					NV	-1.945	-0.0011	-2.5 to 2.5	Pass
					HV	1.302	0.0007	-2.5 to 2.5	Pass
				-30	NV	-2.189	-0.0013	-2.5 to 2.5	Pass
				-20	NV	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	NV	-1.903	-0.0011	-2.5 to 2.5	Pass
				0	NV	-2.403	-0.0014	-2.5 to 2.5	Pass
				10	NV	1.616	0.0009	-2.5 to 2.5	Pass
				30	NV	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	NV	-0.930	-0.0005	-2.5 to 2.5	Pass
				50	NV	-0.429	-0.0002	-2.5 to 2.5	Pass
	1775	50	0	20	LV	-0.386	-0.0002	-2.5 to 2.5	Pass
					NV	-1.345	-0.0008	-2.5 to 2.5	Pass
					HV	-1.130	-0.0006	-2.5 to 2.5	Pass
				-30	NV	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-0.186	-0.0001	-2.5 to 2.5	Pass
				-10	NV	2.418	0.0014	-2.5 to 2.5	Pass
				0	NV	1.445	0.0008	-2.5 to 2.5	Pass
				10	NV	3.033	0.0017	-2.5 to 2.5	Pass
				30	NV	1.101	0.0006	-2.5 to 2.5	Pass
				40	NV	0.987	0.0006	-2.5 to 2.5	Pass
				50	NV	4.020	0.0023	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	LV	5.407	0.0032	-2.5 to 2.5	Pass
					NV	2.460	0.0014	-2.5 to 2.5	Pass
					HV	1.488	0.0009	-2.5 to 2.5	Pass
				-30	NV	2.146	0.0013	-2.5 to 2.5	Pass
				-20	NV	-3.948	-0.0023	-2.5 to 2.5	Pass
				-10	NV	1.245	0.0007	-2.5 to 2.5	Pass
				0	NV	-1.001	-0.0006	-2.5 to 2.5	Pass
				10	NV	-2.432	-0.0014	-2.5 to 2.5	Pass
				30	NV	-0.544	-0.0003	-2.5 to 2.5	Pass
				40	NV	0.629	0.0004	-2.5 to 2.5	Pass
				50	NV	0.472	0.0003	-2.5 to 2.5	Pass
	1745	50	0	20	LV	-1.044	-0.0006	-2.5 to 2.5	Pass
					NV	-1.016	-0.0006	-2.5 to 2.5	Pass
					HV	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	NV	-0.143	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-0.672	-0.0004	-2.5 to 2.5	Pass
				-10	NV	0.114	0.0001	-2.5 to 2.5	Pass
				0	NV	0.844	0.0005	-2.5 to 2.5	Pass
				10	NV	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	NV	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	NV	0.215	0.0001	-2.5 to 2.5	Pass
				50	NV	3.362	0.0019	-2.5 to 2.5	Pass
	1775	50	0	20	LV	0.629	0.0004	-2.5 to 2.5	Pass
					NV	-0.243	-0.0001	-2.5 to 2.5	Pass
					HV	3.734	0.0021	-2.5 to 2.5	Pass
				-30	NV	1.144	0.0006	-2.5 to 2.5	Pass
				-20	NV	-4.706	-0.0027	-2.5 to 2.5	Pass
				-10	NV	0.029	0.0000	-2.5 to 2.5	Pass
				0	NV	1.044	0.0006	-2.5 to 2.5	Pass
				10	NV	-1.531	-0.0009	-2.5 to 2.5	Pass
				30	NV	2.360	0.0013	-2.5 to 2.5	Pass
				40	NV	-1.016	-0.0006	-2.5 to 2.5	Pass
				50	NV	3.333	0.0019	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	LV	3.176	0.0018	-2.5 to 2.5	Pass
					NV	2.418	0.0014	-2.5 to 2.5	Pass
					HV	3.362	0.0020	-2.5 to 2.5	Pass
				-30	NV	3.133	0.0018	-2.5 to 2.5	Pass
				-20	NV	4.978	0.0029	-2.5 to 2.5	Pass
				-10	NV	0.186	0.0001	-2.5 to 2.5	Pass
				0	NV	1.259	0.0007	-2.5 to 2.5	Pass
				10	NV	1.974	0.0011	-2.5 to 2.5	Pass
				30	NV	2.761	0.0016	-2.5 to 2.5	Pass
				40	NV	2.418	0.0014	-2.5 to 2.5	Pass
				50	NV	3.605	0.0021	-2.5 to 2.5	Pass
	1745	75	0	20	LV	2.332	0.0013	-2.5 to 2.5	Pass
					NV	2.303	0.0013	-2.5 to 2.5	Pass
					HV	2.890	0.0017	-2.5 to 2.5	Pass
				-30	NV	0.372	0.0002	-2.5 to 2.5	Pass
				-20	NV	2.074	0.0012	-2.5 to 2.5	Pass
				-10	NV	1.459	0.0008	-2.5 to 2.5	Pass
				0	NV	3.977	0.0023	-2.5 to 2.5	Pass
				10	NV	2.589	0.0015	-2.5 to 2.5	Pass
				30	NV	4.678	0.0027	-2.5 to 2.5	Pass
				40	NV	1.874	0.0011	-2.5 to 2.5	Pass
				50	NV	2.260	0.0013	-2.5 to 2.5	Pass
	1772.5	75	0	20	LV	-1.774	-0.0010	-2.5 to 2.5	Pass
					NV	1.073	0.0006	-2.5 to 2.5	Pass
					HV	-3.676	-0.0021	-2.5 to 2.5	Pass
				-30	NV	-4.663	-0.0026	-2.5 to 2.5	Pass
				-20	NV	-2.875	-0.0016	-2.5 to 2.5	Pass
				-10	NV	-2.546	-0.0014	-2.5 to 2.5	Pass
				0	NV	-5.336	-0.0030	-2.5 to 2.5	Pass
				10	NV	-4.392	-0.0025	-2.5 to 2.5	Pass
				30	NV	-4.964	-0.0028	-2.5 to 2.5	Pass
				40	NV	-2.704	-0.0015	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	LV	3.548	0.0021	-2.5 to 2.5	Pass
					NV	4.621	0.0027	-2.5 to 2.5	Pass
					HV	0.958	0.0006	-2.5 to 2.5	Pass
				-30	NV	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	NV	2.275	0.0013	-2.5 to 2.5	Pass
				-10	NV	3.505	0.0020	-2.5 to 2.5	Pass
				0	NV	0.458	0.0003	-2.5 to 2.5	Pass
				10	NV	3.748	0.0022	-2.5 to 2.5	Pass
				30	NV	4.148	0.0024	-2.5 to 2.5	Pass
				40	NV	1.273	0.0007	-2.5 to 2.5	Pass
				50	NV	3.791	0.0022	-2.5 to 2.5	Pass
	1745	75	0	20	LV	-1.817	-0.0010	-2.5 to 2.5	Pass
					NV	3.433	0.0020	-2.5 to 2.5	Pass
					HV	7.596	0.0044	-2.5 to 2.5	Pass
				-30	NV	2.747	0.0016	-2.5 to 2.5	Pass
				-20	NV	2.861	0.0016	-2.5 to 2.5	Pass
				-10	NV	1.602	0.0009	-2.5 to 2.5	Pass
				0	NV	1.345	0.0008	-2.5 to 2.5	Pass
				10	NV	3.805	0.0022	-2.5 to 2.5	Pass
				30	NV	2.060	0.0012	-2.5 to 2.5	Pass
				40	NV	2.074	0.0012	-2.5 to 2.5	Pass
				50	NV	1.431	0.0008	-2.5 to 2.5	Pass

	1772.5	75	0	20	LV	-5.822	-0.0033	-2.5 to 2.5	Pass
					NV	-1.602	-0.0009	-2.5 to 2.5	Pass
					HV	-3.777	-0.0021	-2.5 to 2.5	Pass
				-30	NV	-5.393	-0.0030	-2.5 to 2.5	Pass
				-20	NV	-1.087	-0.0006	-2.5 to 2.5	Pass
				-10	NV	-0.715	-0.0004	-2.5 to 2.5	Pass
				0	NV	-3.476	-0.0020	-2.5 to 2.5	Pass
				10	NV	-3.047	-0.0017	-2.5 to 2.5	Pass
				30	NV	-1.016	-0.0006	-2.5 to 2.5	Pass
				40	NV	-1.101	-0.0006	-2.5 to 2.5	Pass
				50	NV	-0.715	-0.0004	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	LV	-3.333	-0.0019	-2.5 to 2.5	Pass
					NV	-4.892	-0.0028	-2.5 to 2.5	Pass
					HV	0.114	0.0001	-2.5 to 2.5	Pass
				-30	NV	-1.988	-0.0012	-2.5 to 2.5	Pass
				-20	NV	1.774	0.0010	-2.5 to 2.5	Pass
				-10	NV	1.416	0.0008	-2.5 to 2.5	Pass
				0	NV	2.317	0.0013	-2.5 to 2.5	Pass
				10	NV	1.516	0.0009	-2.5 to 2.5	Pass
				30	NV	-0.072	0.0000	-2.5 to 2.5	Pass
				40	NV	-0.215	-0.0001	-2.5 to 2.5	Pass
				50	NV	-3.490	-0.0020	-2.5 to 2.5	Pass
	1745	100	0	20	LV	2.532	0.0015	-2.5 to 2.5	Pass
					NV	0.415	0.0002	-2.5 to 2.5	Pass
					HV	0.029	0.0000	-2.5 to 2.5	Pass
				-30	NV	2.832	0.0016	-2.5 to 2.5	Pass
				-20	NV	1.588	0.0009	-2.5 to 2.5	Pass
				-10	NV	-0.544	-0.0003	-2.5 to 2.5	Pass
				0	NV	0.029	0.0000	-2.5 to 2.5	Pass
				10	NV	1.502	0.0009	-2.5 to 2.5	Pass
				30	NV	4.005	0.0023	-2.5 to 2.5	Pass
				40	NV	0.772	0.0004	-2.5 to 2.5	Pass
				50	NV	0.844	0.0005	-2.5 to 2.5	Pass
	1770	100	0	20	LV	-4.878	-0.0028	-2.5 to 2.5	Pass
					NV	-4.320	-0.0024	-2.5 to 2.5	Pass
					HV	-1.316	-0.0007	-2.5 to 2.5	Pass
				-30	NV	-4.005	-0.0023	-2.5 to 2.5	Pass
				-20	NV	-3.519	-0.0020	-2.5 to 2.5	Pass
				-10	NV	-1.917	-0.0011	-2.5 to 2.5	Pass
				0	NV	-3.233	-0.0018	-2.5 to 2.5	Pass
				10	NV	-4.234	-0.0024	-2.5 to 2.5	Pass
				30	NV	-2.847	-0.0016	-2.5 to 2.5	Pass
				40	NV	2.403	0.0014	-2.5 to 2.5	Pass
				50	NV	-3.390	-0.0019	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	LV	-3.290	-0.0019	-2.5 to 2.5	Pass
					NV	-0.587	-0.0003	-2.5 to 2.5	Pass
					HV	-0.086	0.0000	-2.5 to 2.5	Pass
				-30	NV	-1.159	-0.0007	-2.5 to 2.5	Pass
				-20	NV	-2.246	-0.0013	-2.5 to 2.5	Pass
				-10	NV	-1.860	-0.0011	-2.5 to 2.5	Pass
				0	NV	1.159	0.0007	-2.5 to 2.5	Pass
				10	NV	2.089	0.0012	-2.5 to 2.5	Pass

				30	NV	1.788	0.0010	-2.5 to 2.5	Pass
				40	NV	-2.432	-0.0014	-2.5 to 2.5	Pass
				50	NV	0.715	0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	LV	2.503	0.0014	-2.5 to 2.5	Pass
					NV	1.702	0.0010	-2.5 to 2.5	Pass
					HV	1.817	0.0010	-2.5 to 2.5	Pass
				-30	NV	3.676	0.0021	-2.5 to 2.5	Pass
				-20	NV	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	NV	1.302	0.0007	-2.5 to 2.5	Pass
				0	NV	2.403	0.0014	-2.5 to 2.5	Pass
				10	NV	4.692	0.0027	-2.5 to 2.5	Pass
				30	NV	3.462	0.0020	-2.5 to 2.5	Pass
				40	NV	-1.531	-0.0009	-2.5 to 2.5	Pass
				50	NV	0.587	0.0003	-2.5 to 2.5	Pass
	1770	100	0	20	LV	-3.691	-0.0021	-2.5 to 2.5	Pass
					NV	-1.745	-0.0010	-2.5 to 2.5	Pass
					HV	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	NV	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	NV	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	NV	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	NV	-1.445	-0.0008	-2.5 to 2.5	Pass
				10	NV	0.114	0.0001	-2.5 to 2.5	Pass
				30	NV	-1.159	-0.0007	-2.5 to 2.5	Pass
				40	NV	-2.131	-0.0012	-2.5 to 2.5	Pass
				50	NV	-0.515	-0.0003	-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 / 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

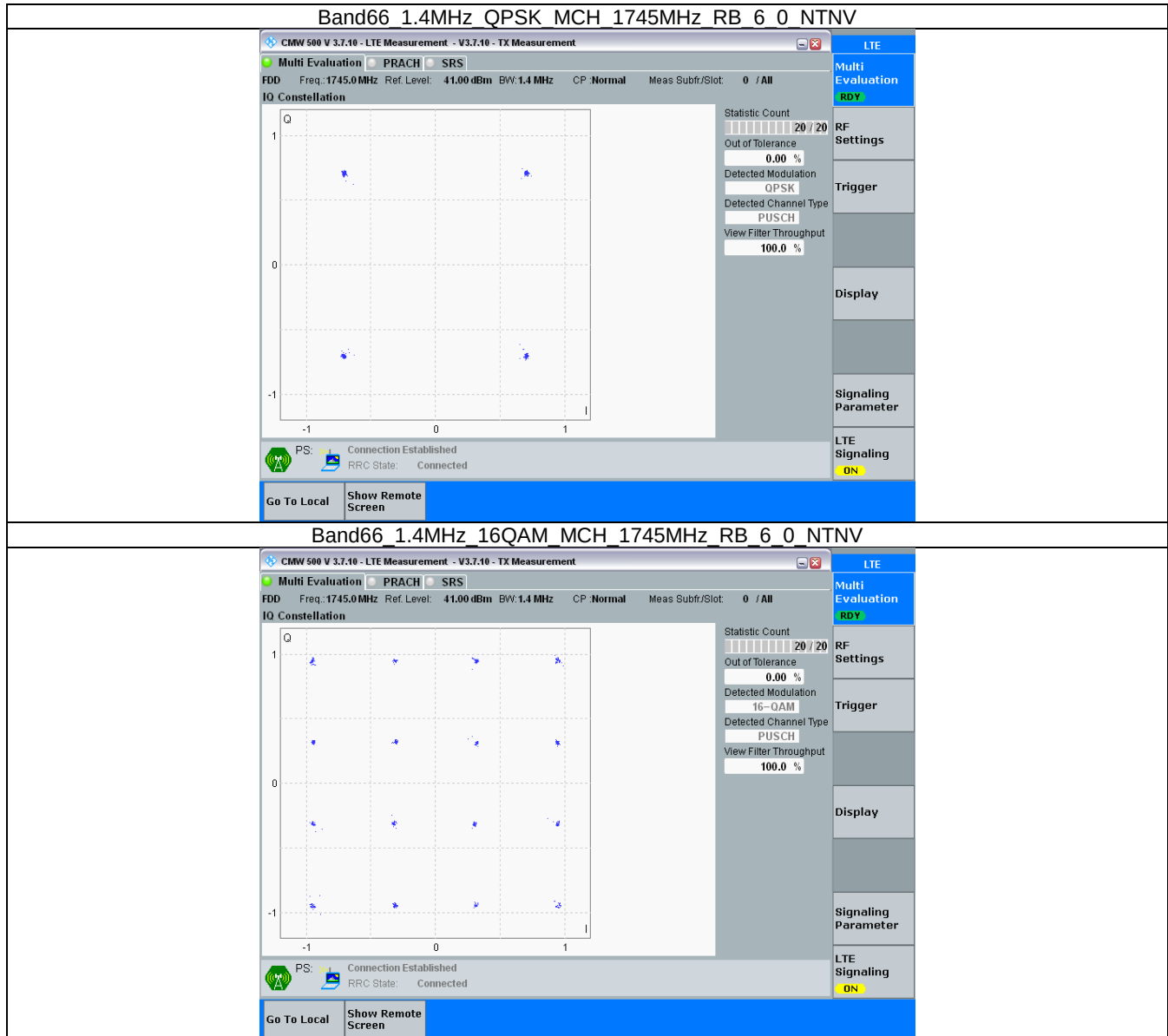
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

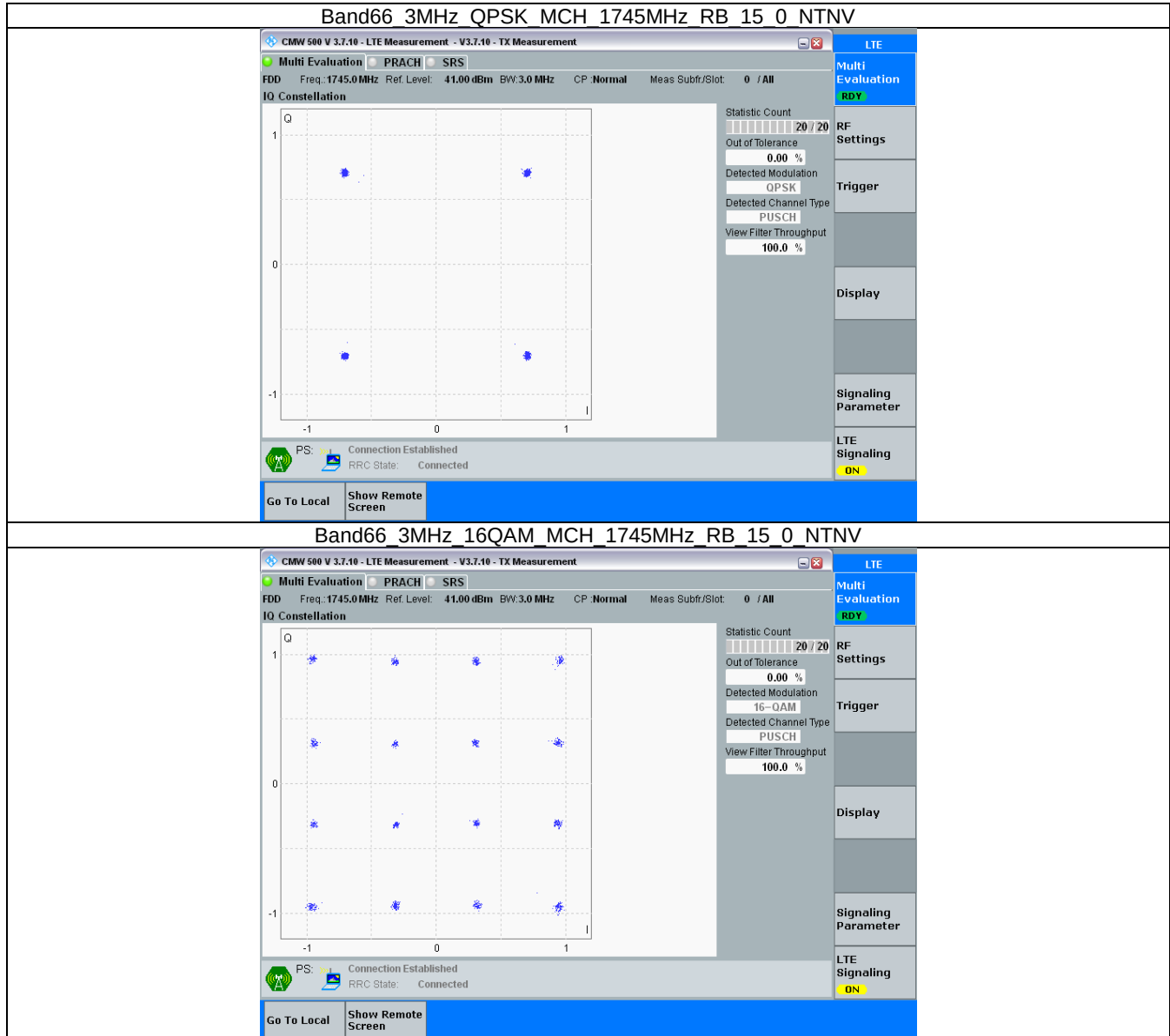
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

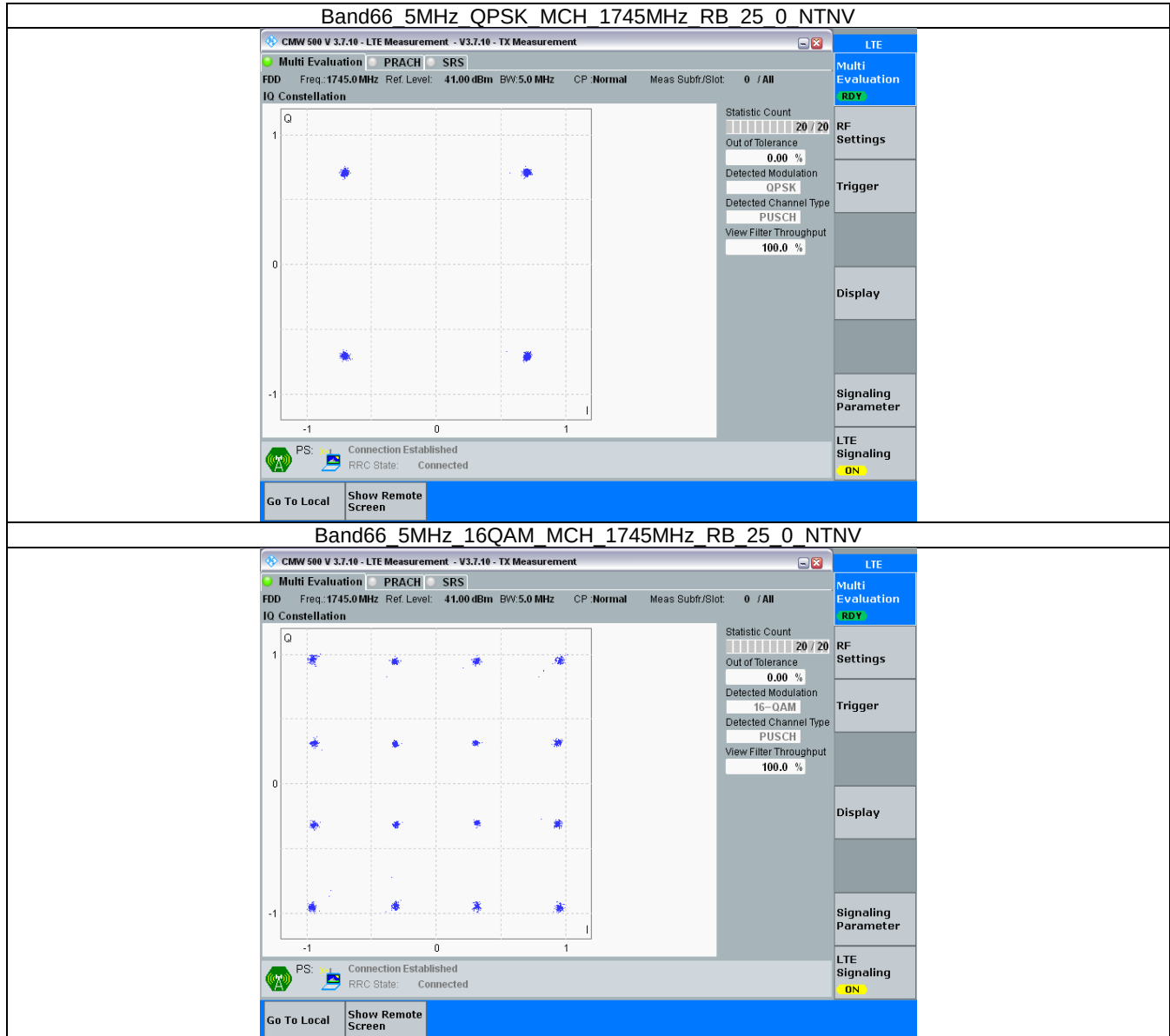
3.2.1 B66_1.4MHz



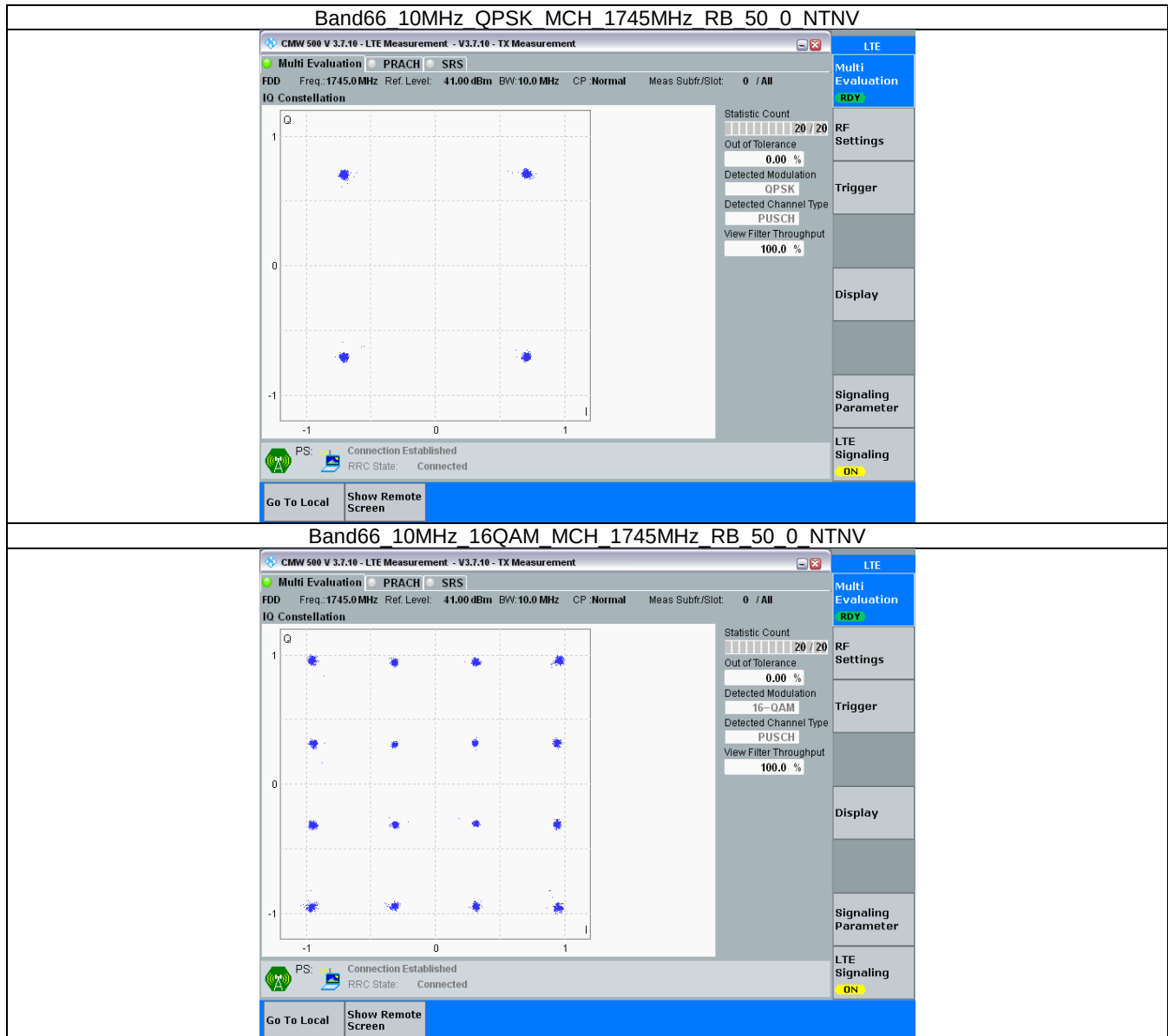
3.2.2 B66_3MHz



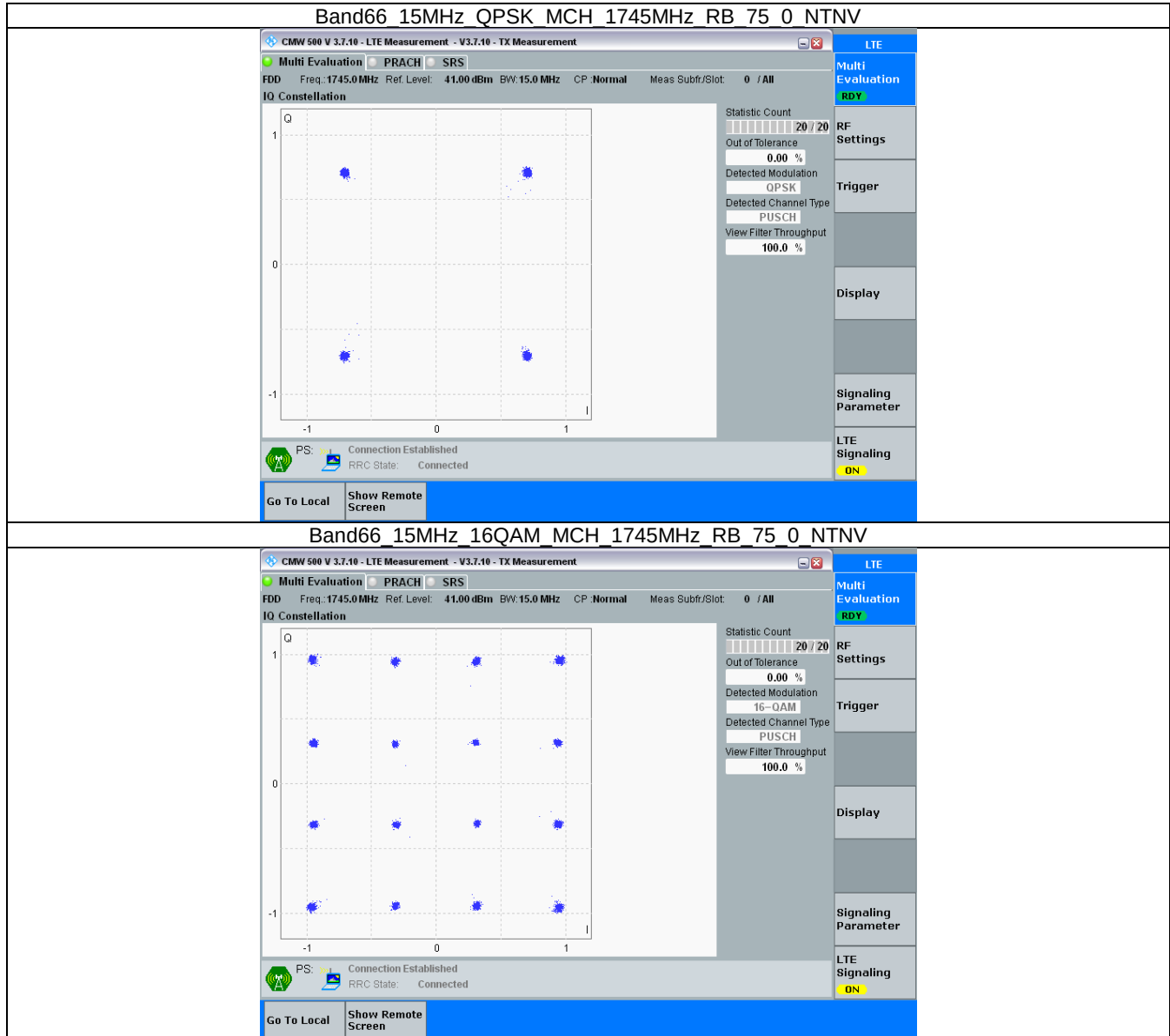
3.2.3 B66_5MHz



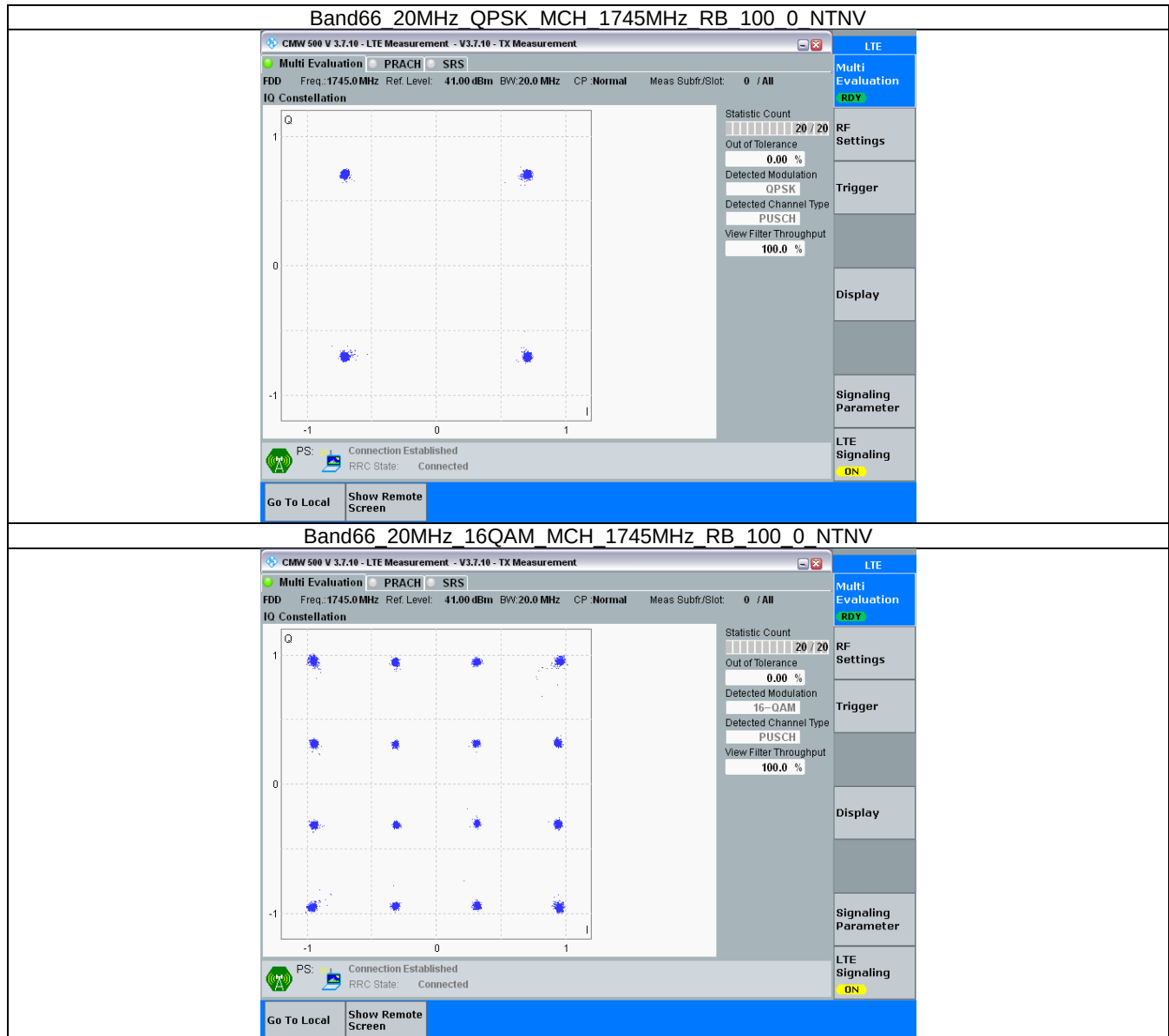
3.2.4 B66_10MHz



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	1.083	/	Pass
		1745	6	0	1.081	/	Pass
		1779.3	6	0	1.080	/	Pass
	16QAM	1710.7	6	0	1.081	/	Pass
		1745	6	0	1.079	/	Pass
		1779.3	6	0	1.083	/	Pass
3	QPSK	1711.5	15	0	2.684	/	Pass
		1745	15	0	2.685	/	Pass
		1778.5	15	0	2.681	/	Pass
	16QAM	1711.5	15	0	2.681	/	Pass
		1745	15	0	2.681	/	Pass
		1778.5	15	0	2.684	/	Pass
5	QPSK	1712.5	25	0	4.463	/	Pass
		1745	25	0	4.465	/	Pass
		1777.5	25	0	4.480	/	Pass
	16QAM	1712.5	25	0	4.474	/	Pass
		1745	25	0	4.487	/	Pass
		1777.5	25	0	4.460	/	Pass
10	QPSK	1715	50	0	8.933	/	Pass
		1745	50	0	8.962	/	Pass
		1775	50	0	8.949	/	Pass
	16QAM	1715	50	0	8.939	/	Pass
		1745	50	0	8.965	/	Pass
		1775	50	0	8.940	/	Pass
15	QPSK	1717.5	75	0	13.398	/	Pass
		1745	75	0	13.397	/	Pass
		1772.5	75	0	13.414	/	Pass
	16QAM	1717.5	75	0	13.422	/	Pass
		1745	75	0	13.402	/	Pass
		1772.5	75	0	13.416	/	Pass
20	QPSK	1720	100	0	17.948	/	Pass
		1745	100	0	17.859	/	Pass
		1770	100	0	17.921	/	Pass
	16QAM	1720	100	0	17.887	/	Pass
		1745	100	0	17.862	/	Pass
		1770	100	0	17.963	/	Pass

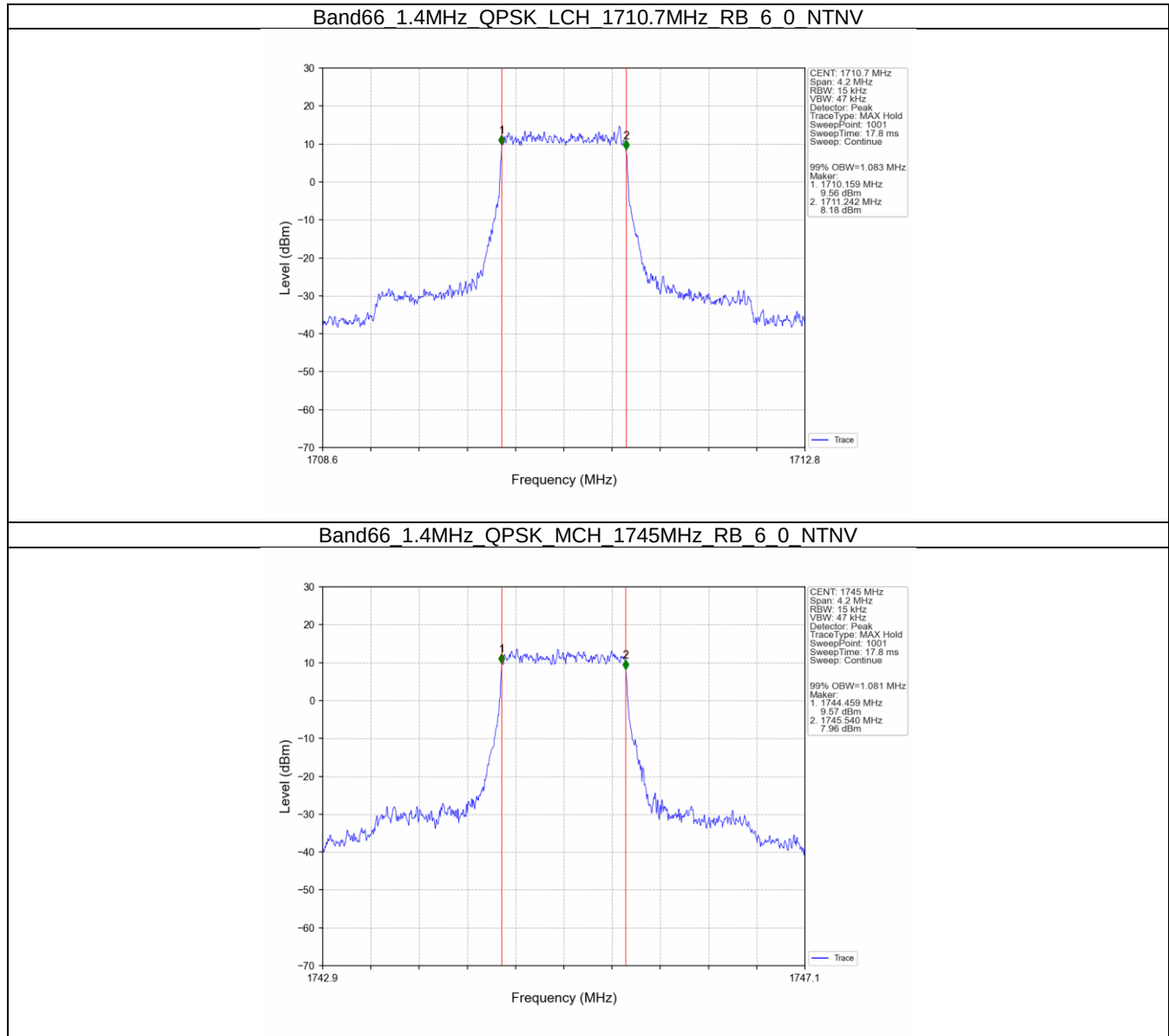
4.1.2 Band66_XDB

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	1.227	/	Pass
		1745	6	0	1.252	/	Pass
		1779.3	6	0	1.236	/	Pass
	16QAM	1710.7	6	0	1.260	/	Pass
		1745	6	0	1.227	/	Pass
		1779.3	6	0	1.264	/	Pass
3	QPSK	1711.5	15	0	2.887	/	Pass

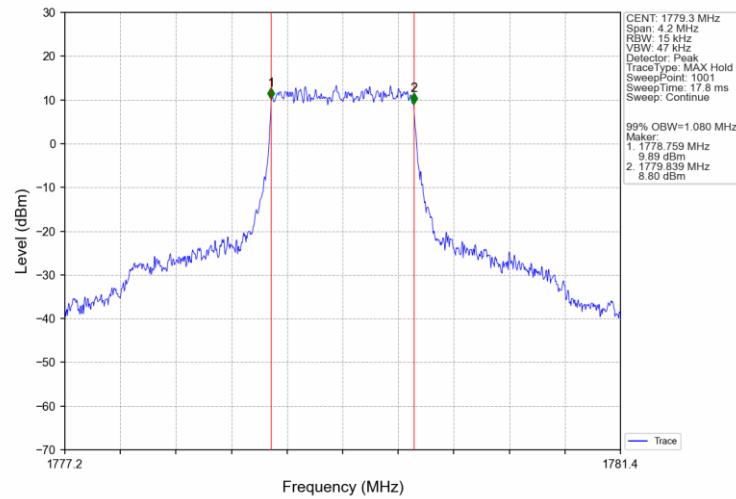
	16QAM	1745	15	0	2.897	/	Pass
		1778.5	15	0	2.888	/	Pass
		1711.5	15	0	2.886	/	Pass
		1745	15	0	2.879	/	Pass
		1778.5	15	0	2.895	/	Pass
5	QPSK	1712.5	25	0	4.830	/	Pass
		1745	25	0	4.863	/	Pass
		1777.5	25	0	4.862	/	Pass
	16QAM	1712.5	25	0	4.887	/	Pass
		1745	25	0	4.861	/	Pass
		1777.5	25	0	4.844	/	Pass
10	QPSK	1715	50	0	9.609	/	Pass
		1745	50	0	9.550	/	Pass
		1775	50	0	9.662	/	Pass
	16QAM	1715	50	0	9.587	/	Pass
		1745	50	0	9.553	/	Pass
		1775	50	0	9.613	/	Pass
15	QPSK	1717.5	75	0	14.483	/	Pass
		1745	75	0	14.339	/	Pass
		1772.5	75	0	14.494	/	Pass
	16QAM	1717.5	75	0	14.306	/	Pass
		1745	75	0	14.398	/	Pass
		1772.5	75	0	14.460	/	Pass
20	QPSK	1720	100	0	19.159	/	Pass
		1745	100	0	18.969	/	Pass
		1770	100	0	18.932	/	Pass
	16QAM	1720	100	0	19.061	/	Pass
		1745	100	0	19.032	/	Pass
		1770	100	0	18.989	/	Pass

4.2 Test Graph

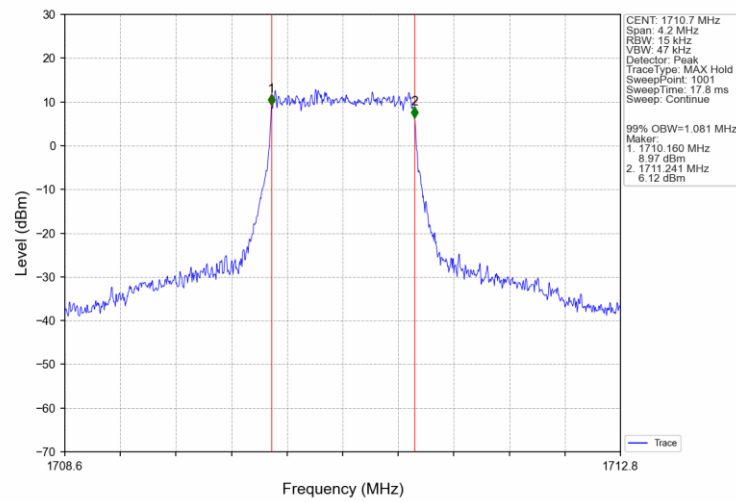
4.2.1 Band66_OBW



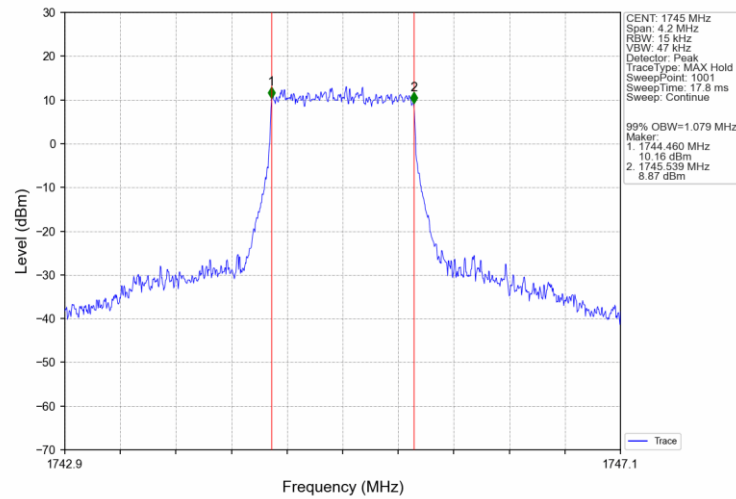
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



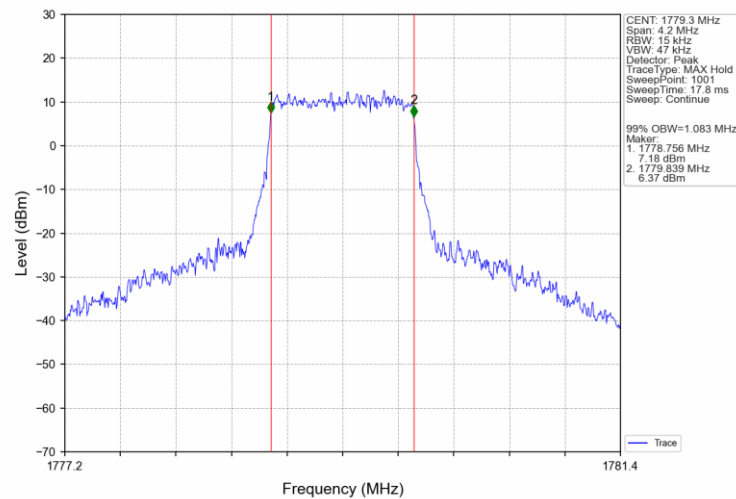
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



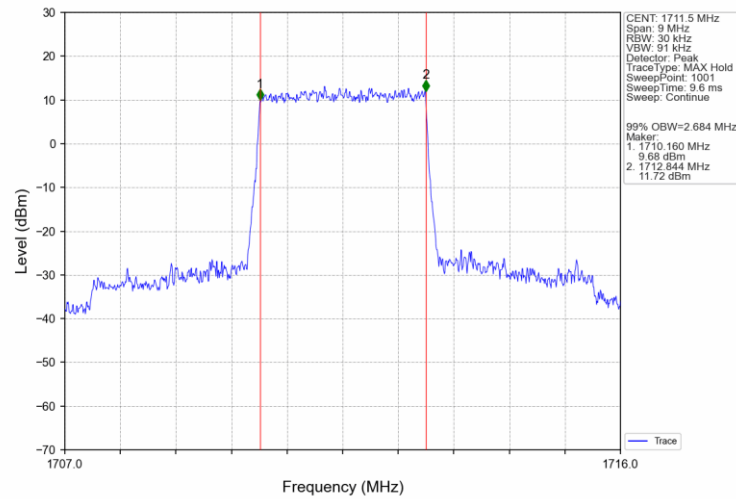
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



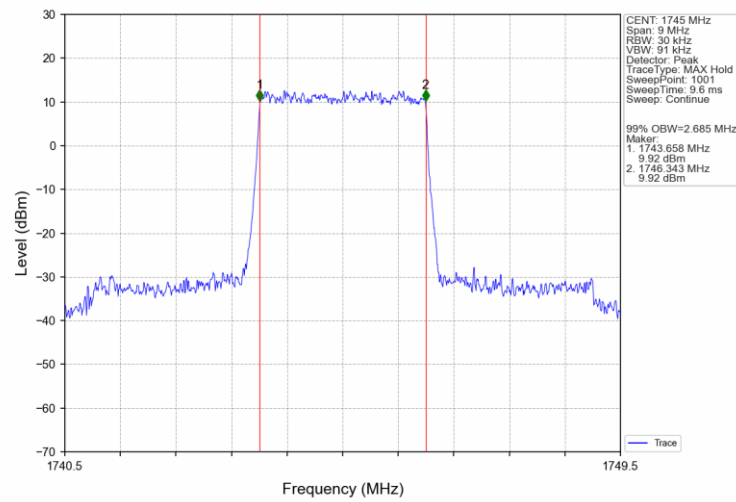
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



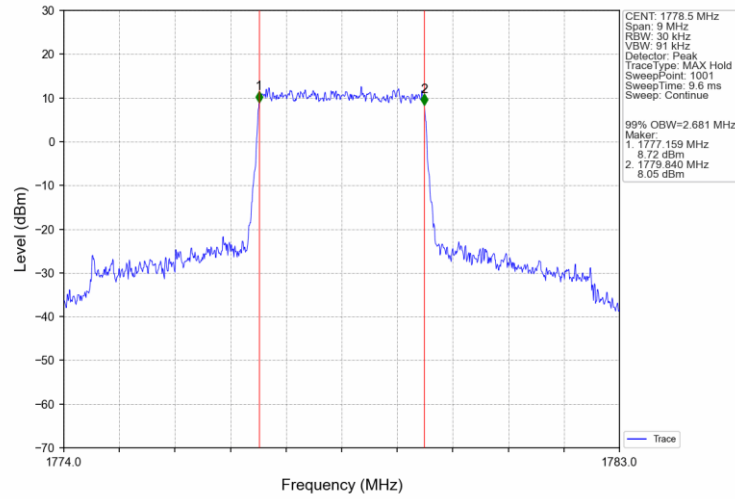
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



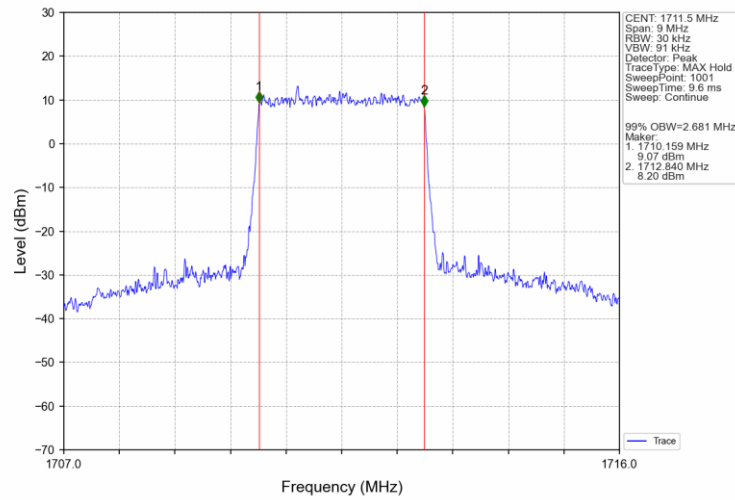
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



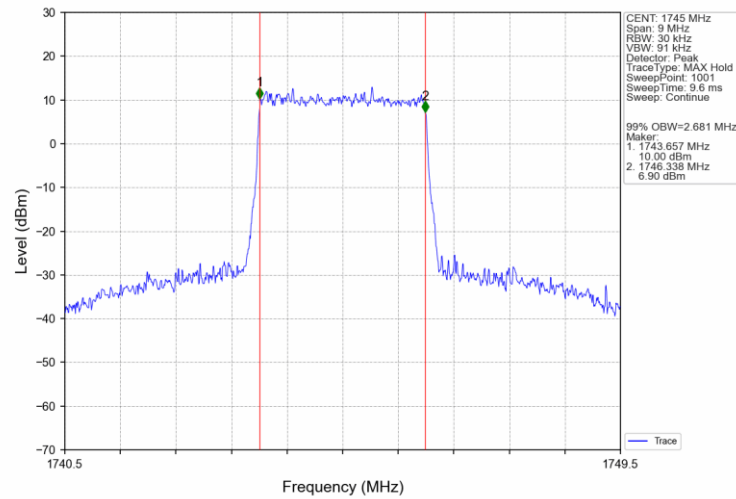
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



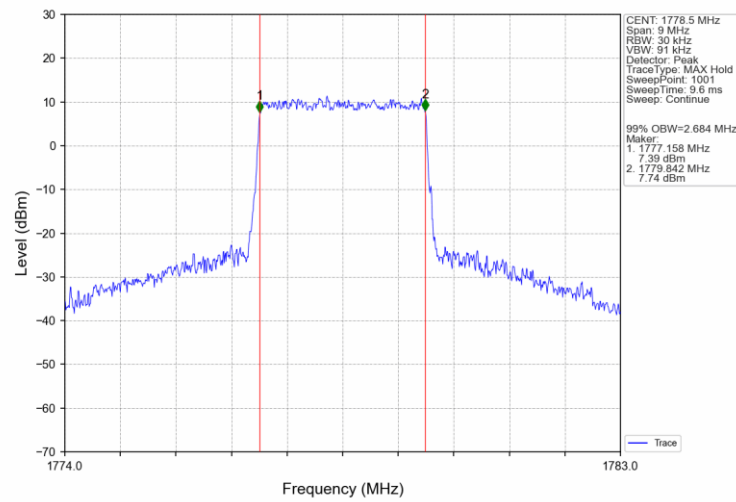
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



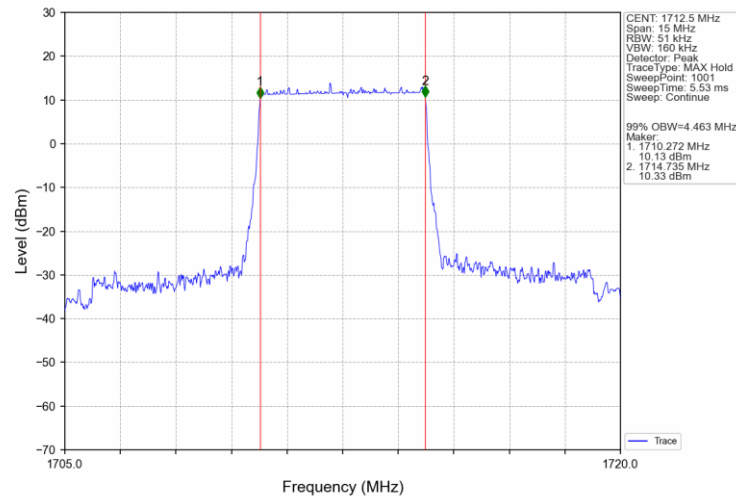
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



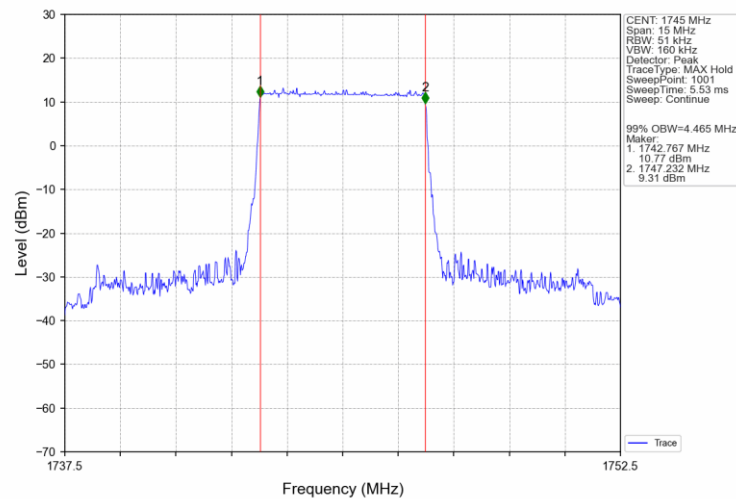
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



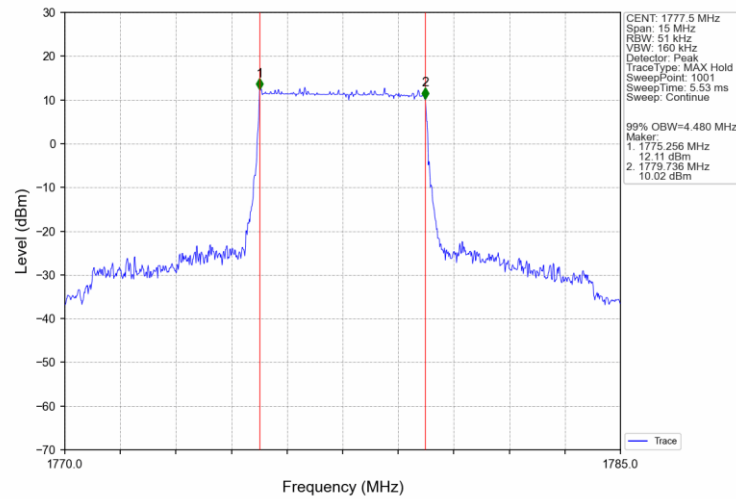
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



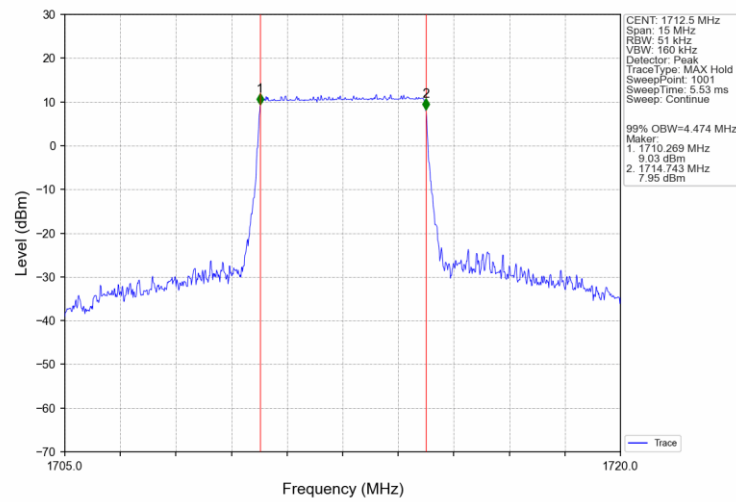
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



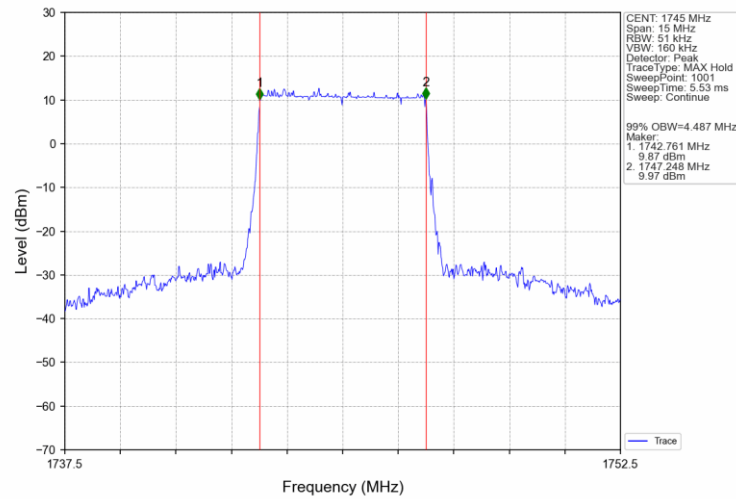
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



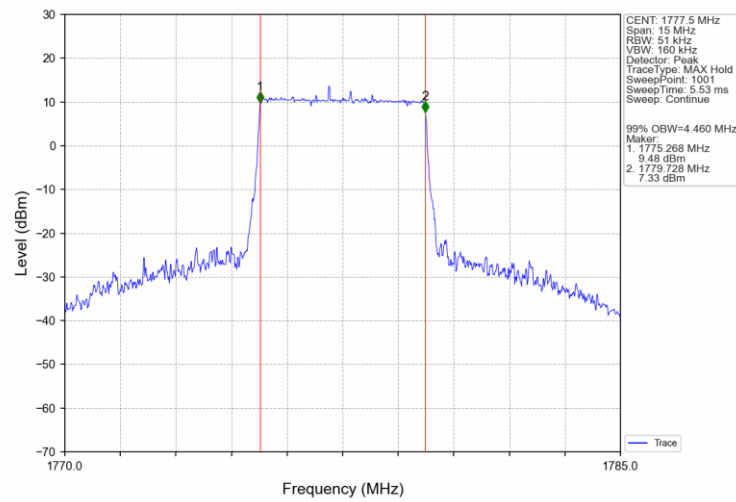
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



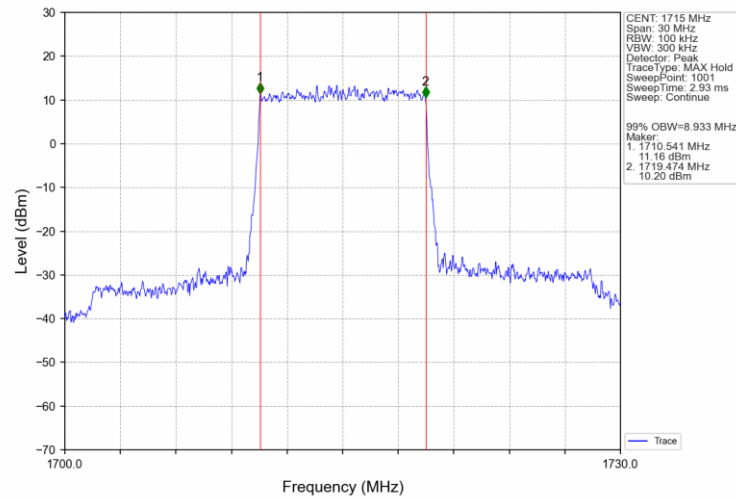
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



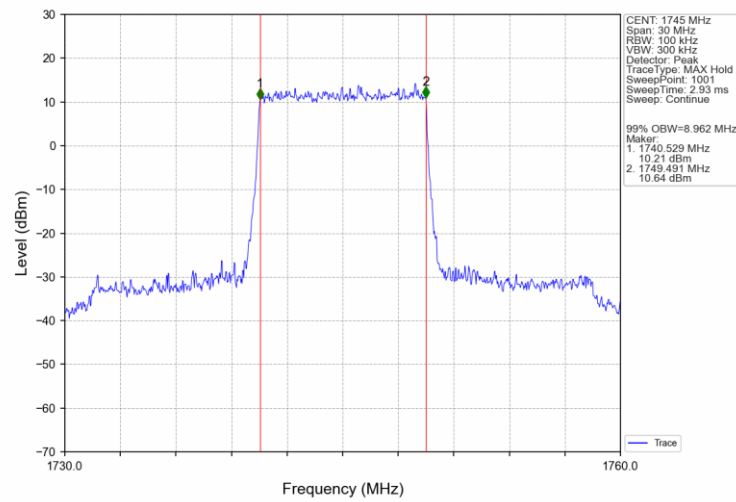
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



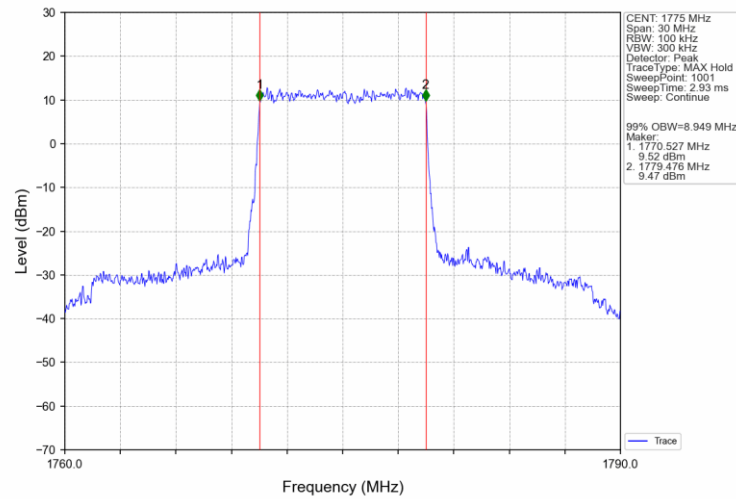
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



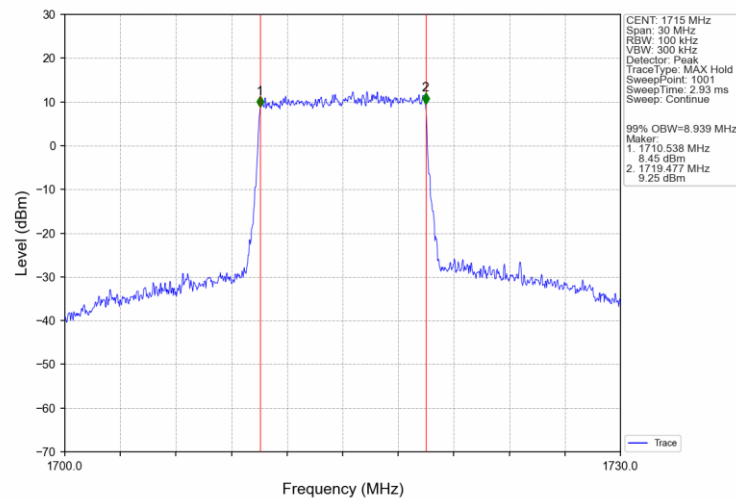
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



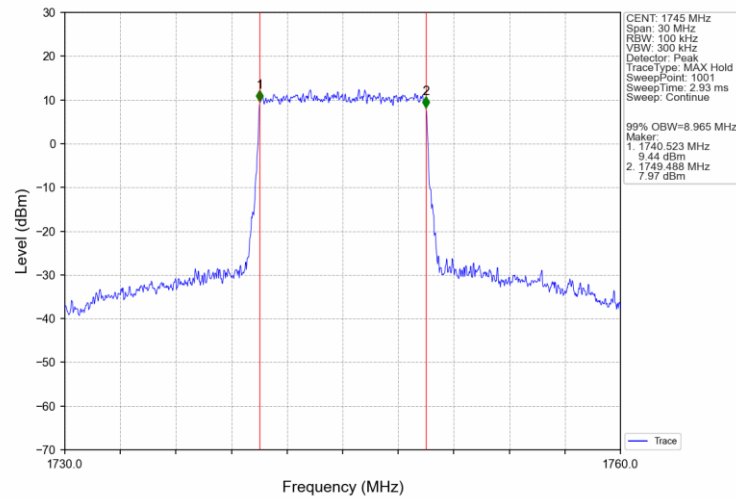
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



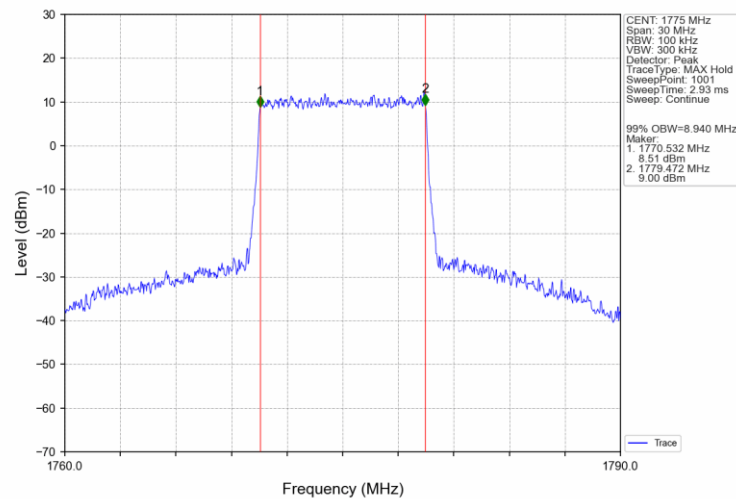
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



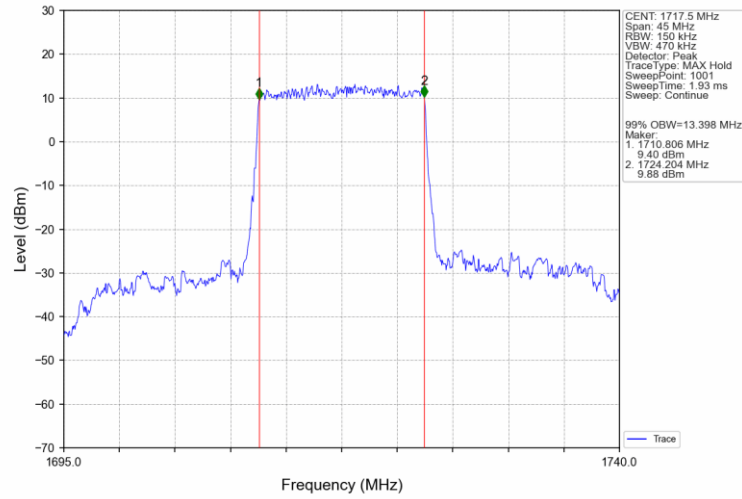
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



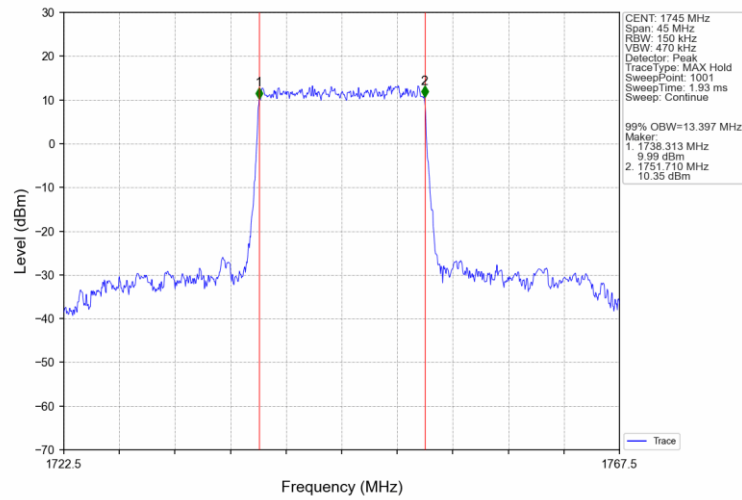
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



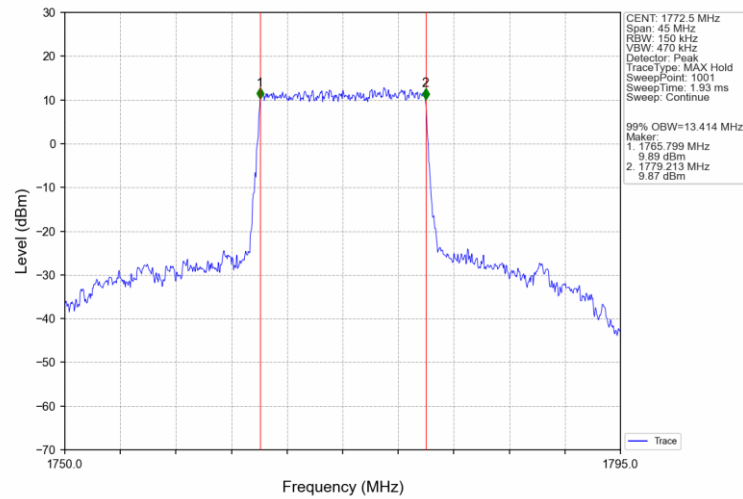
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



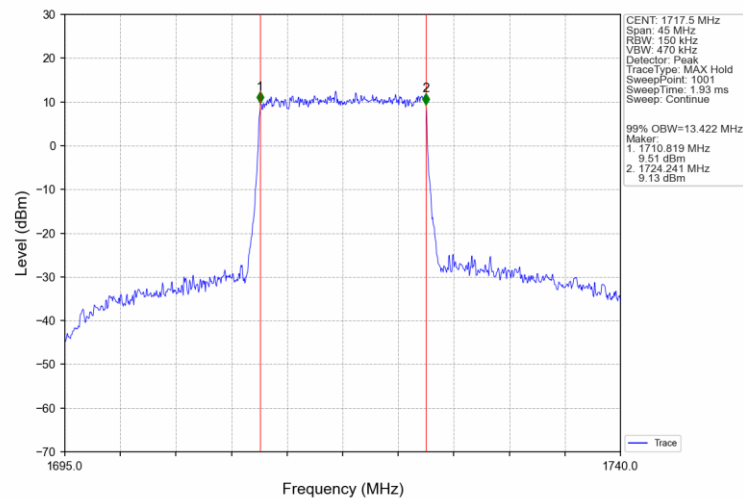
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



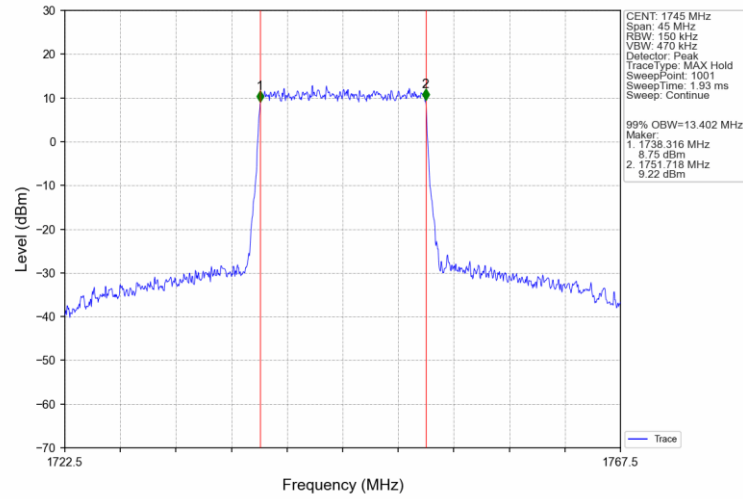
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



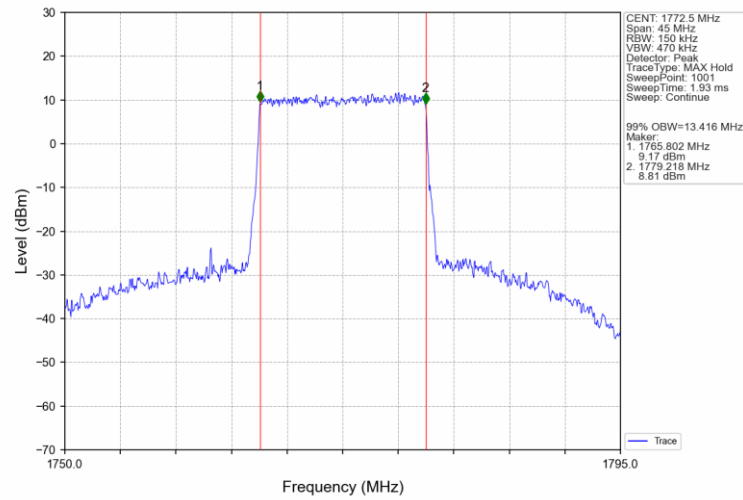
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



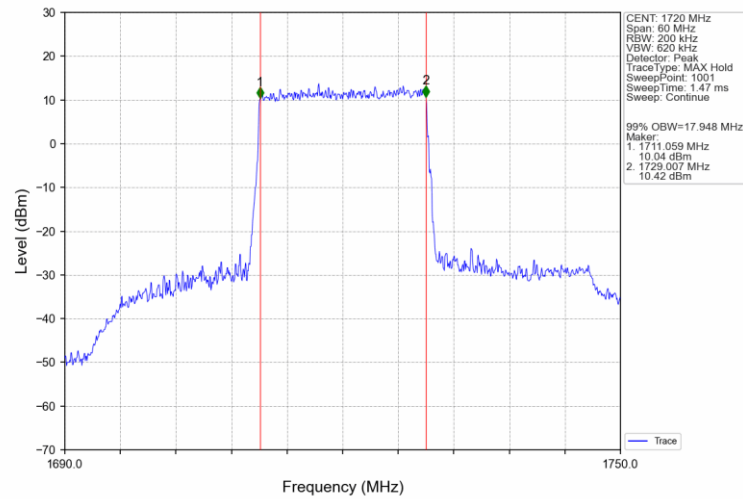
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTN



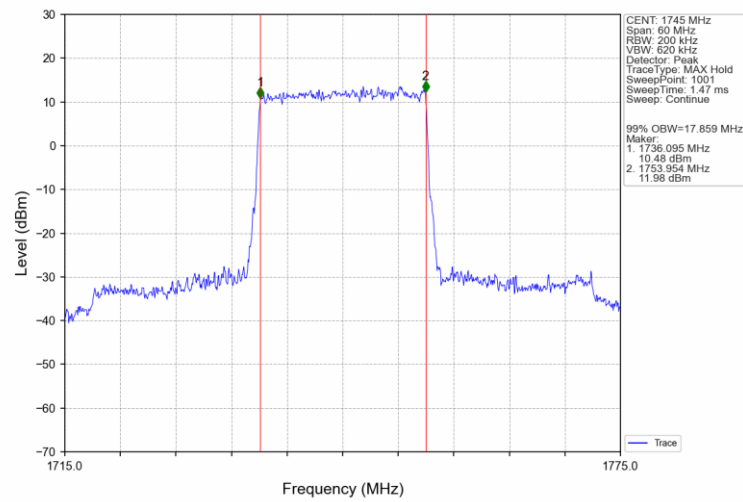
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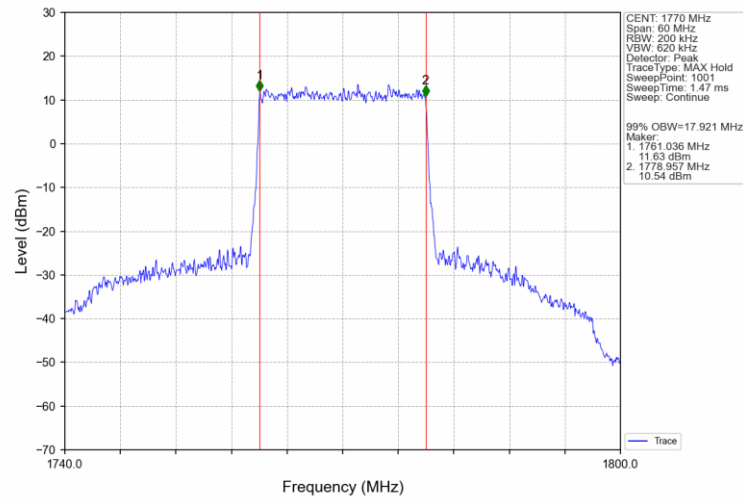
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



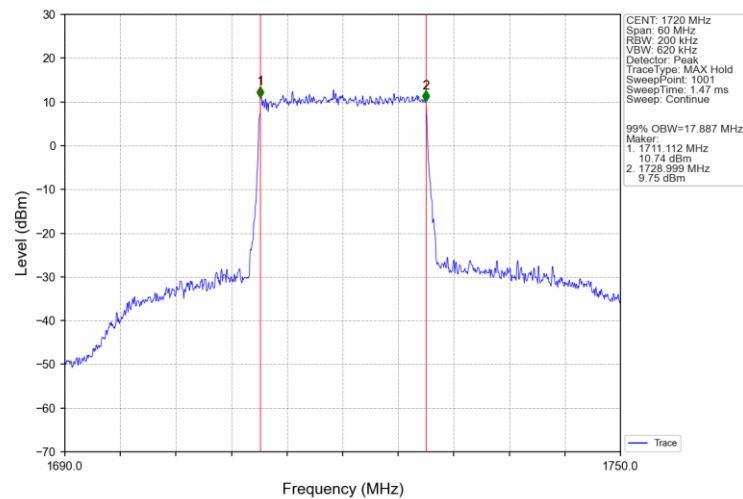
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



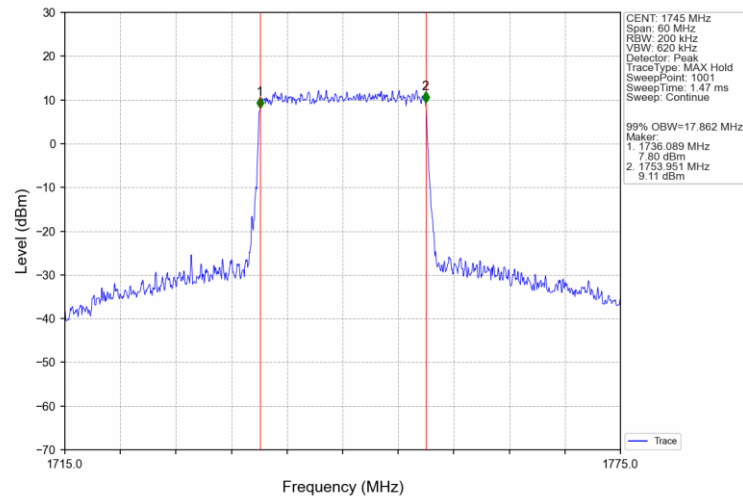
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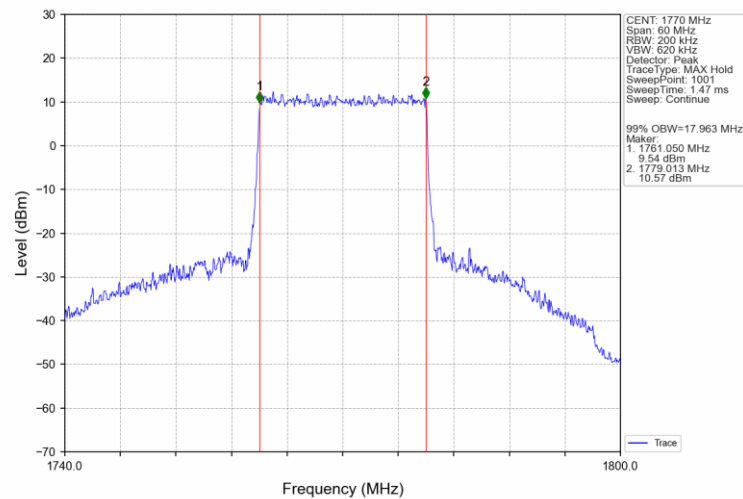
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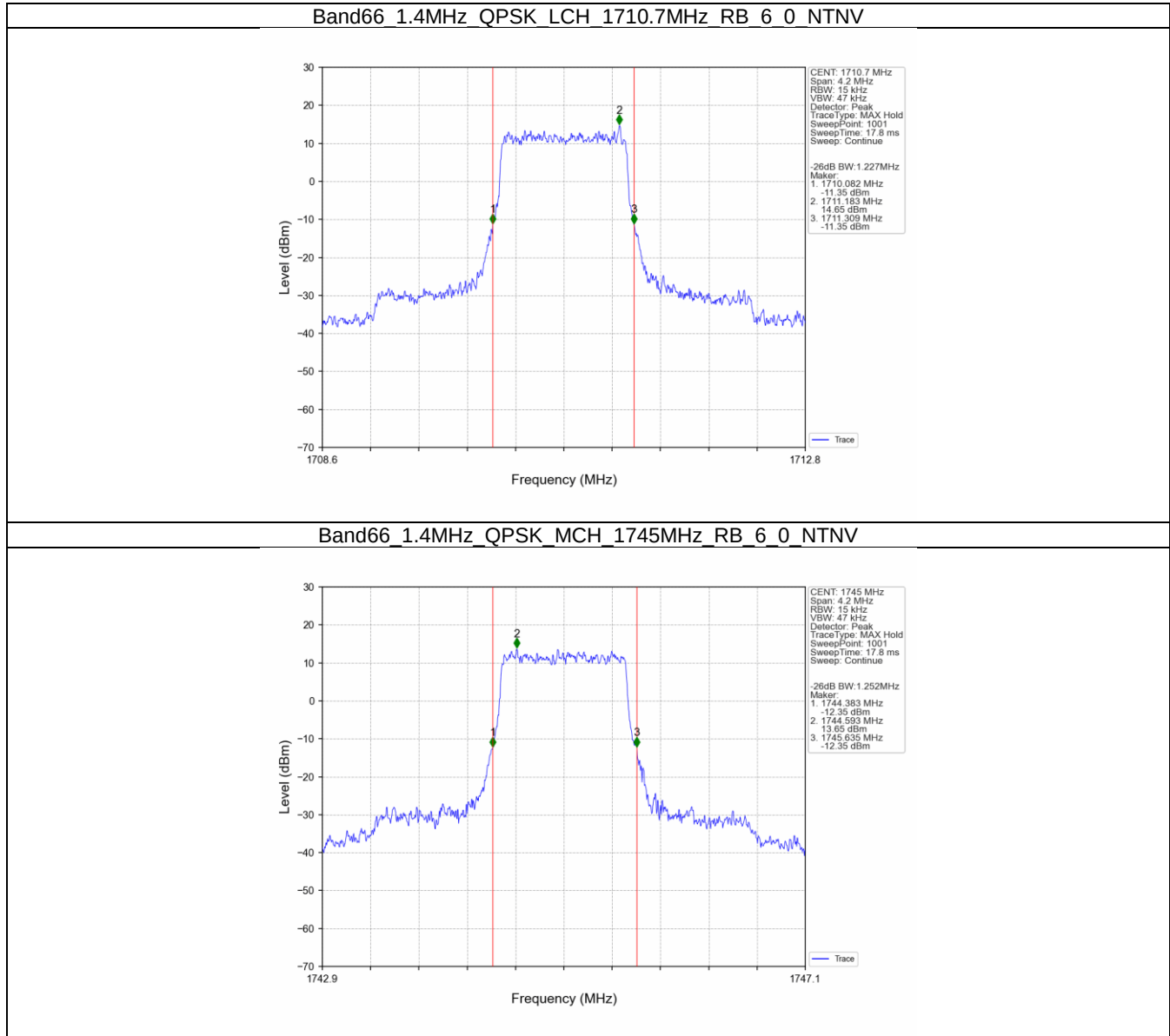
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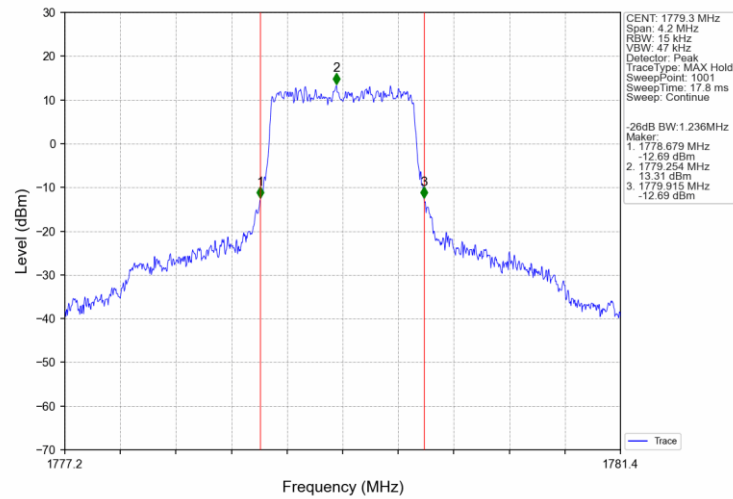
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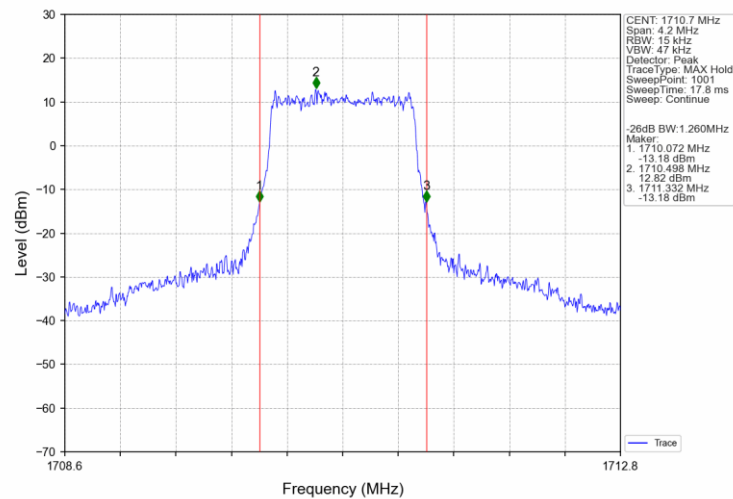
4.2.2 Band66_XDB



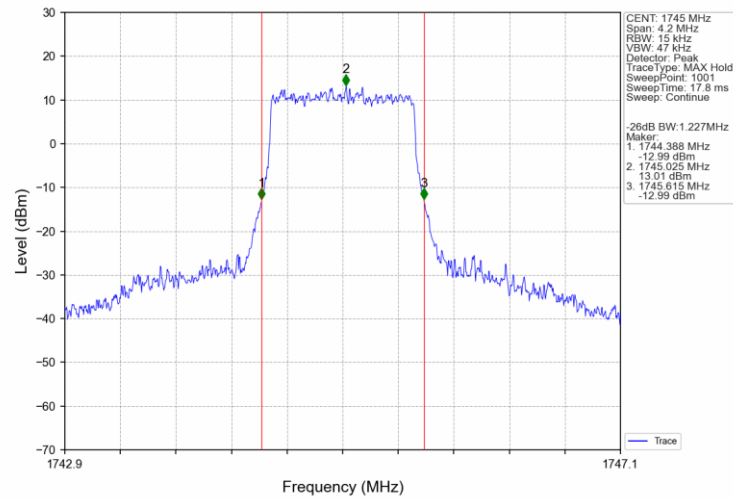
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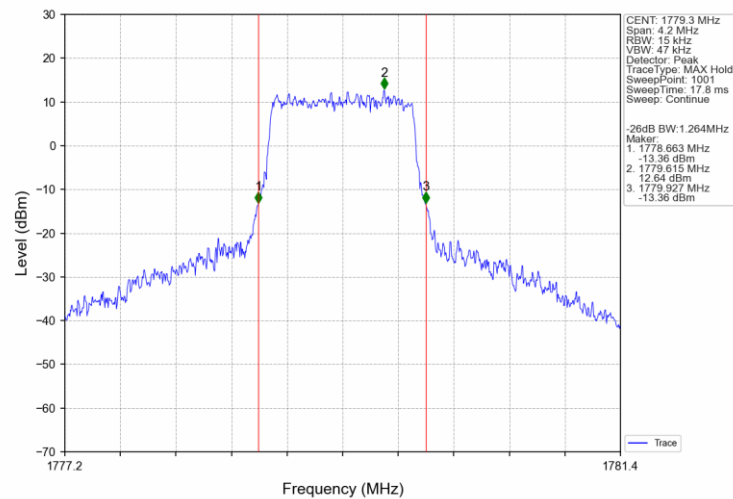
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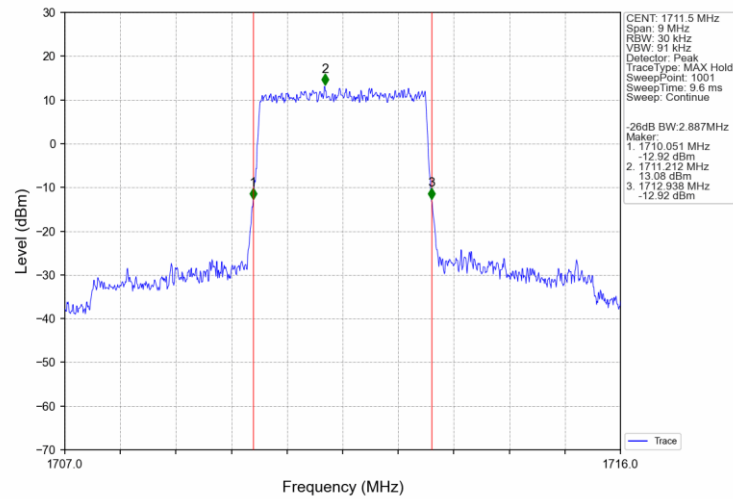
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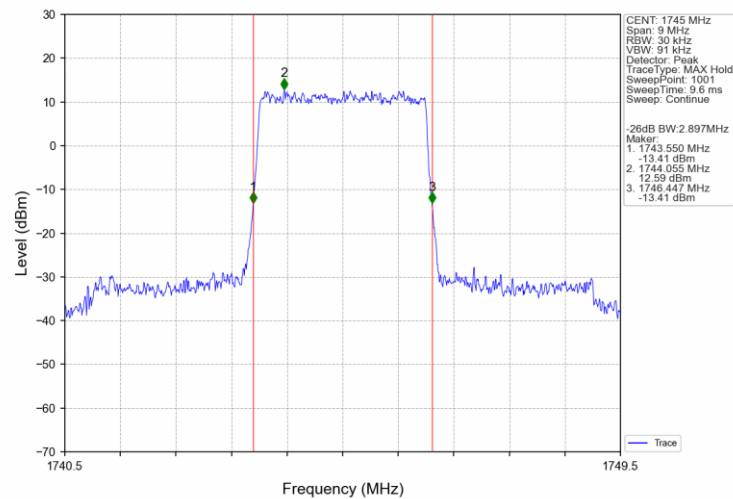
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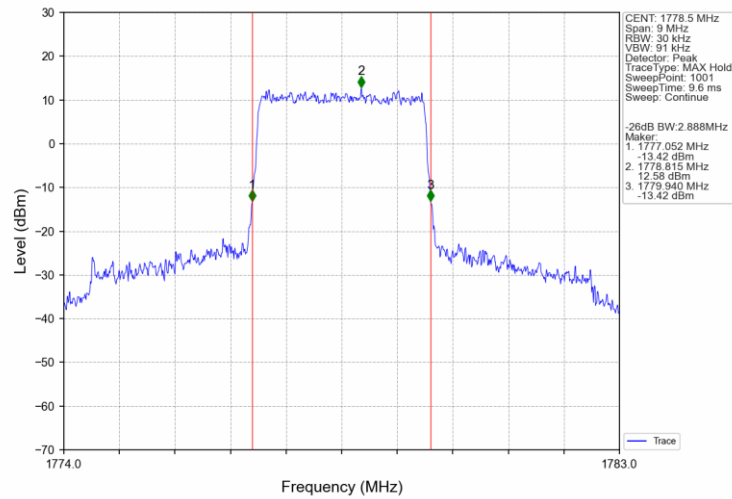
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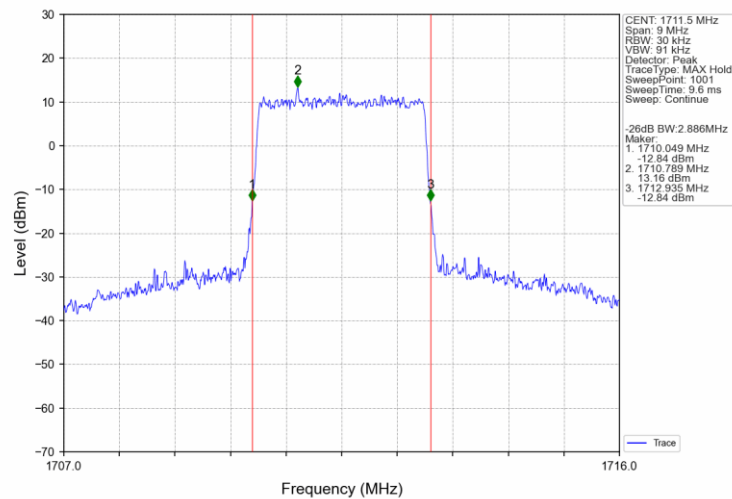
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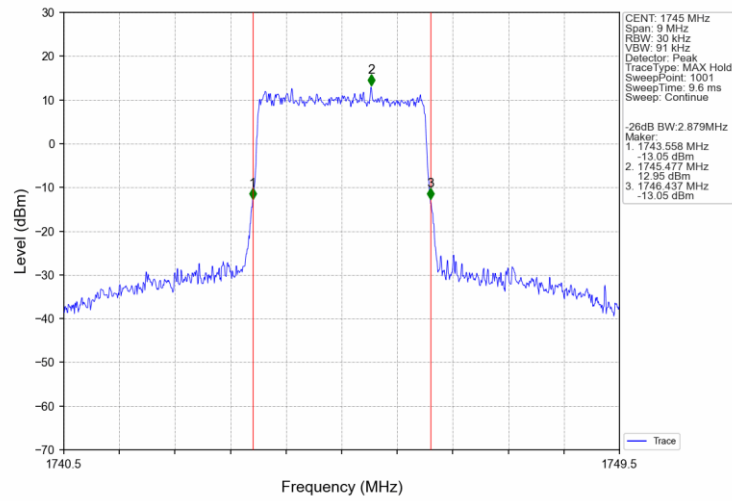
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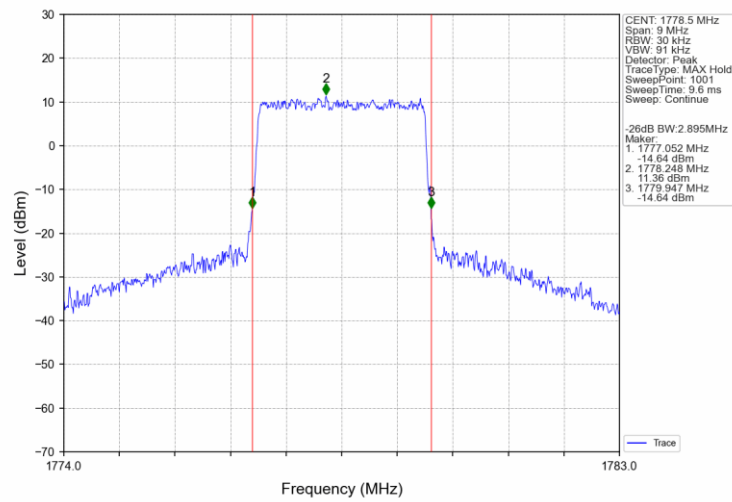
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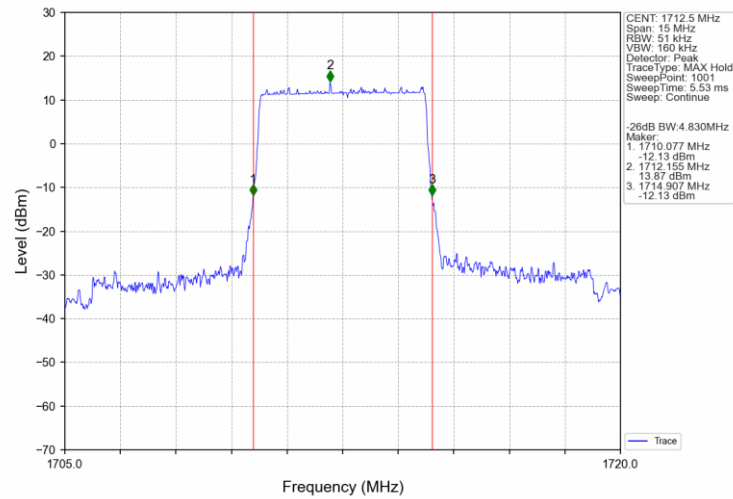
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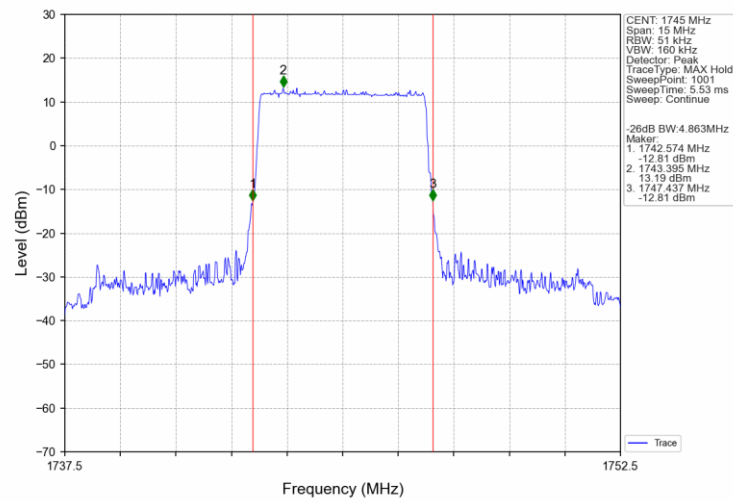
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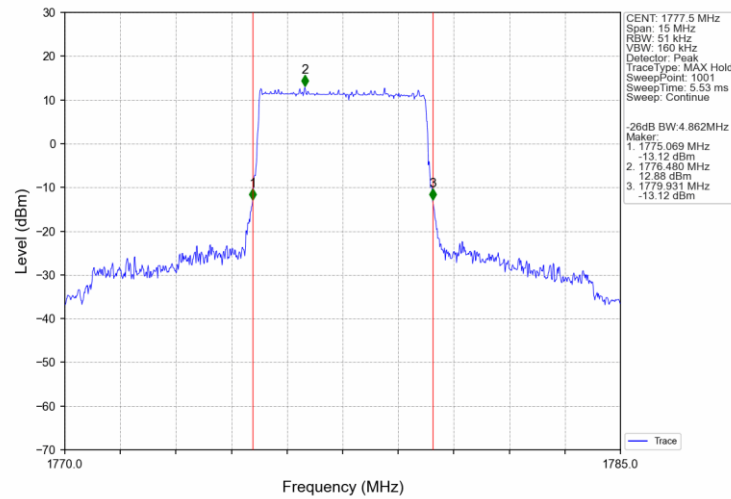
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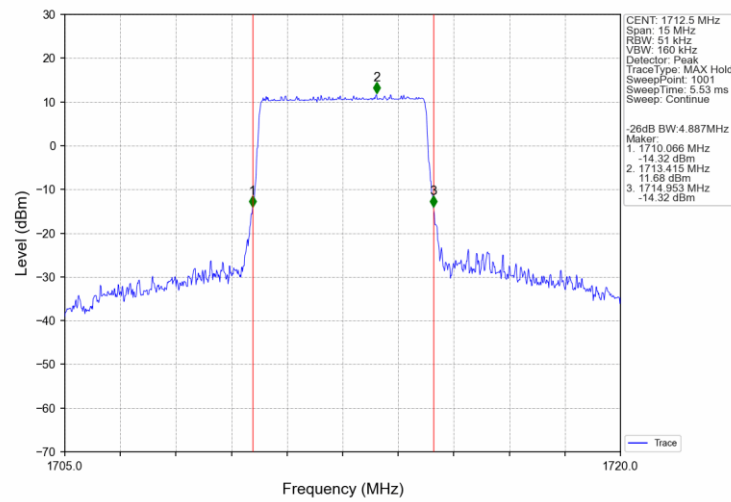
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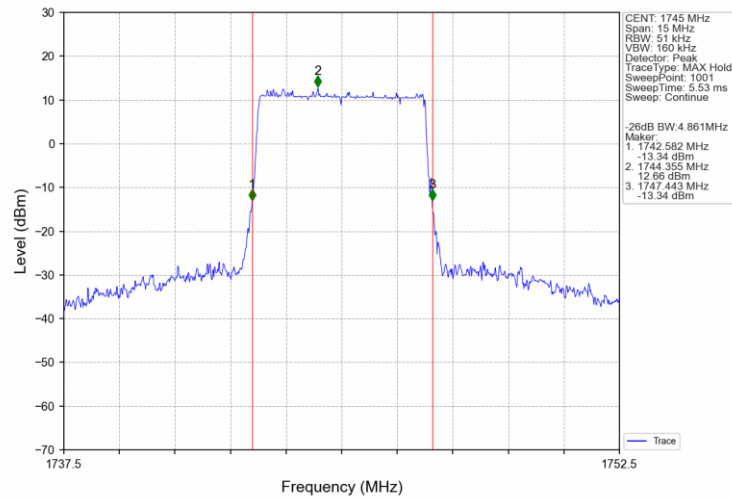
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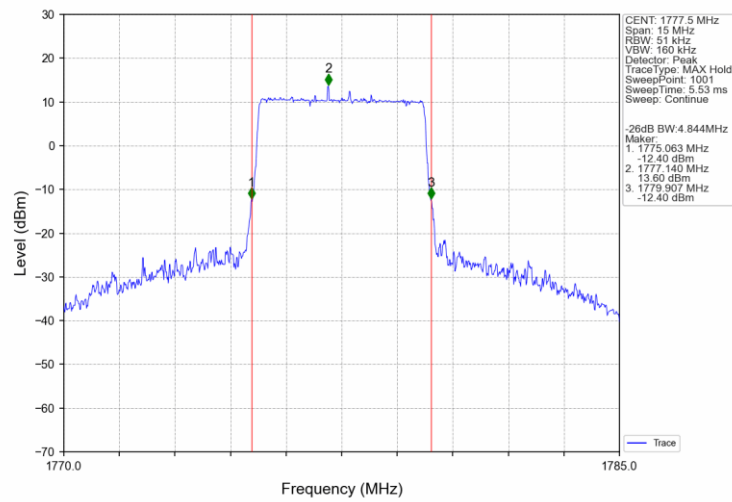
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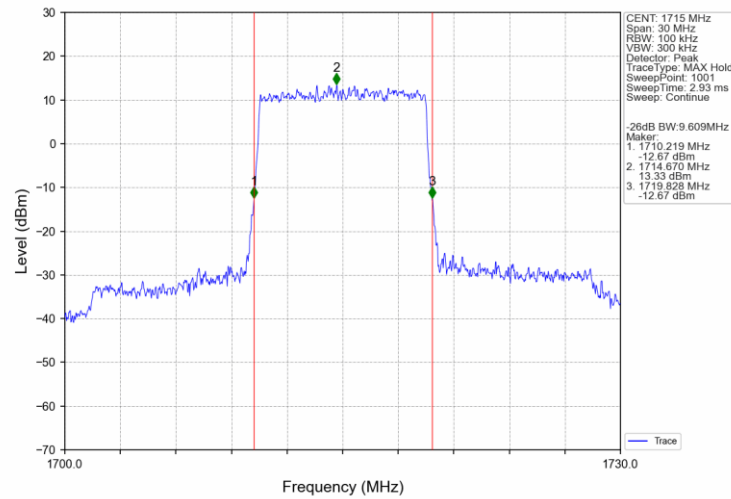
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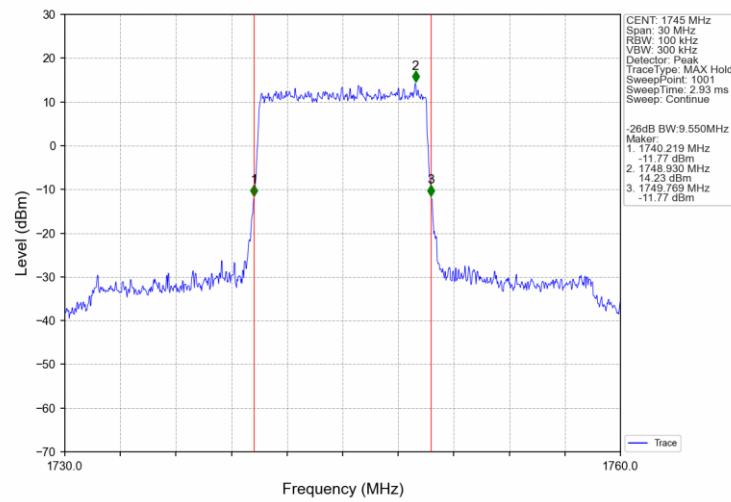
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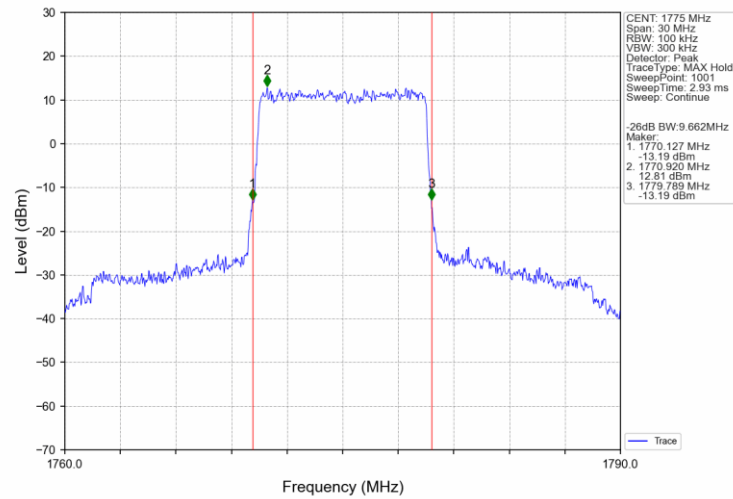
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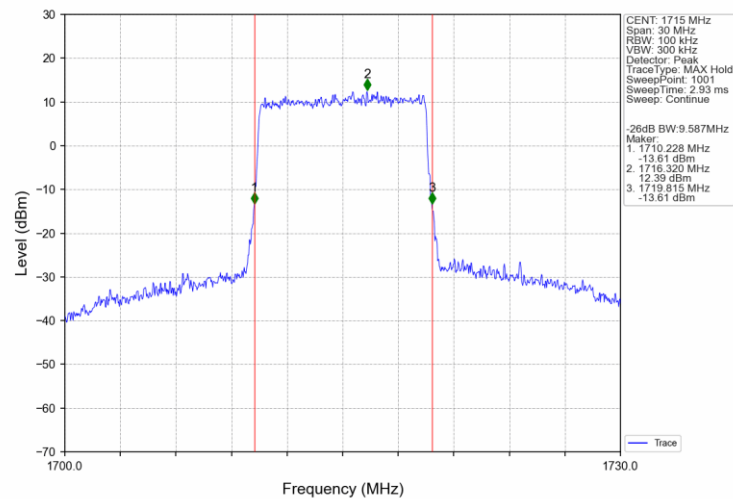
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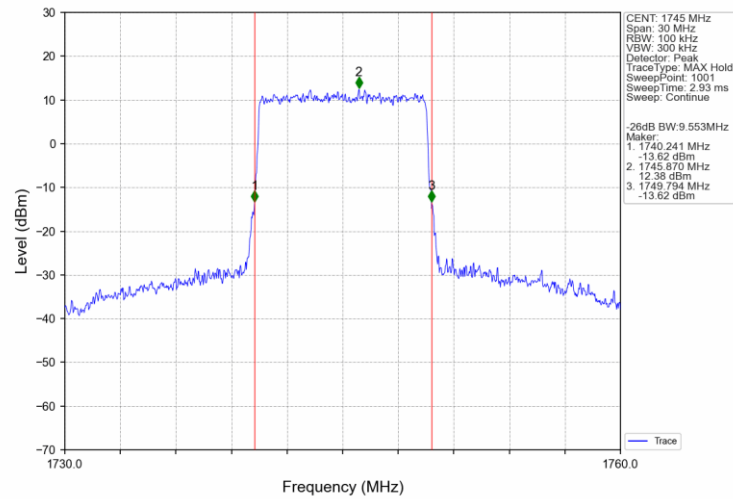
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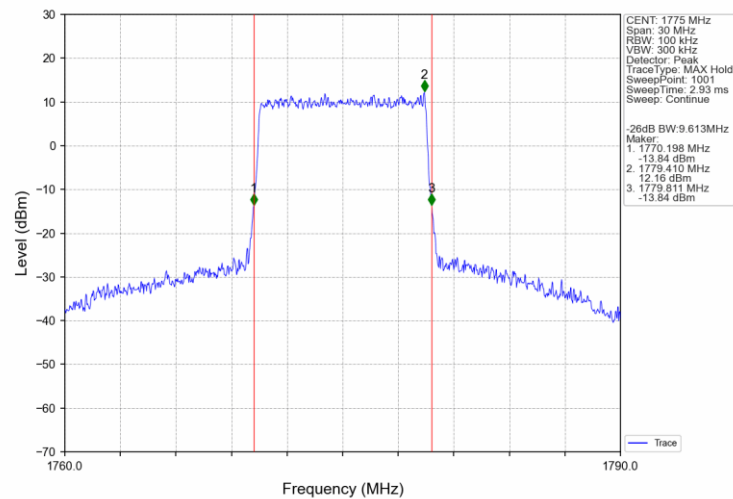
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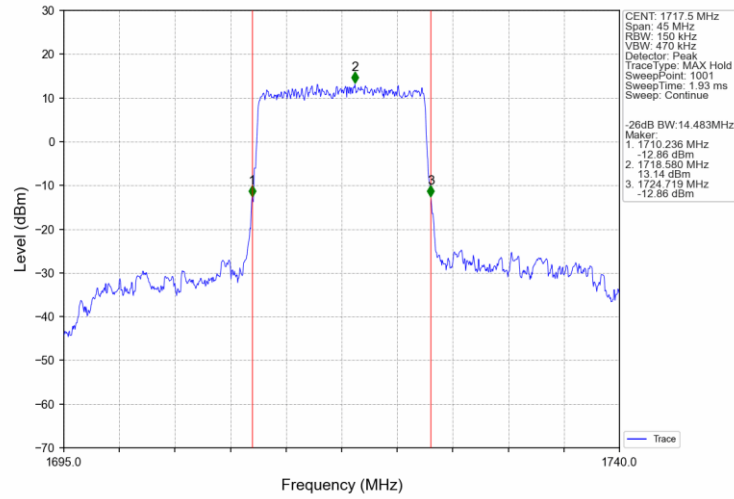
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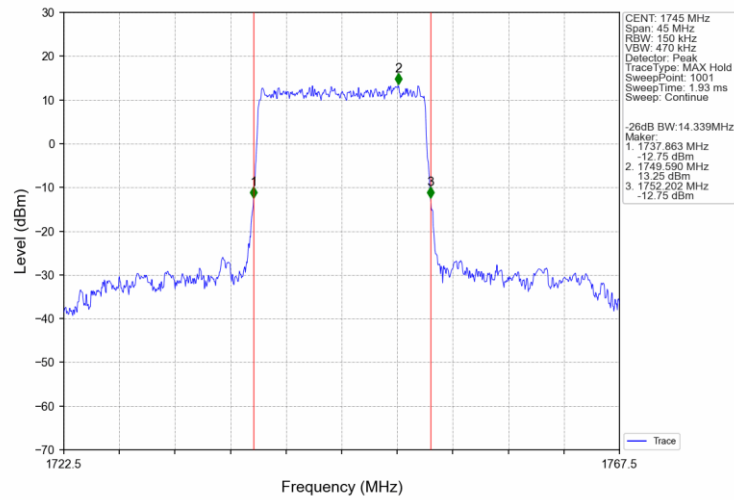
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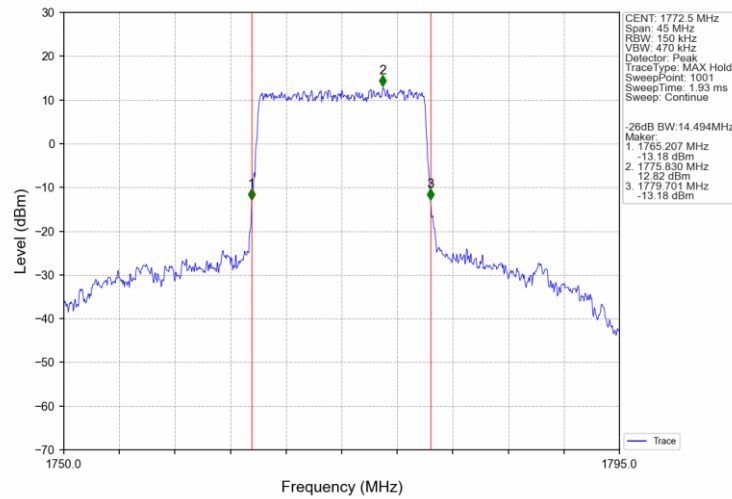
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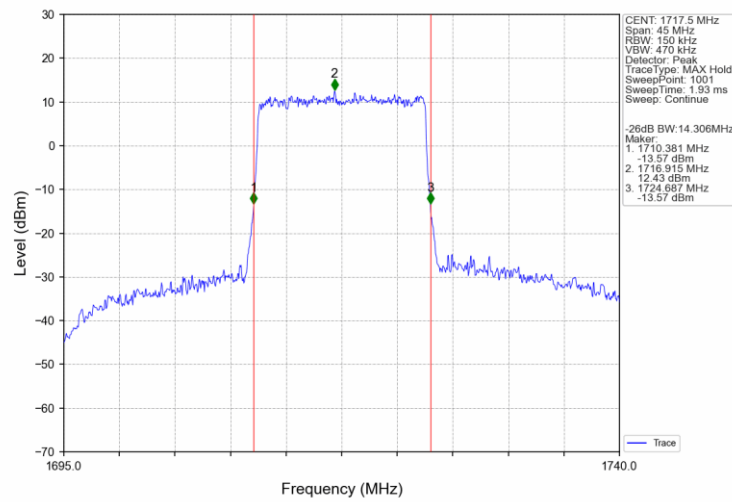
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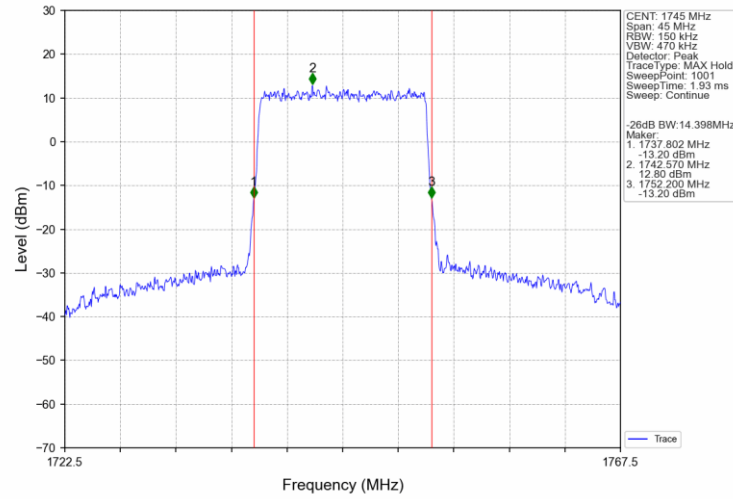
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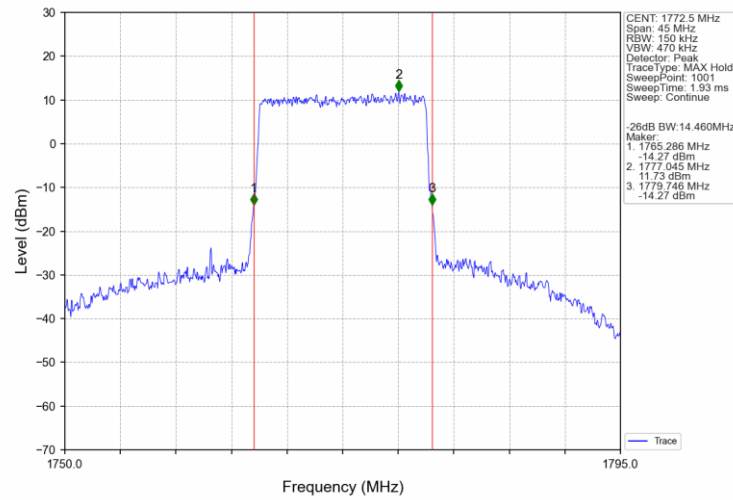
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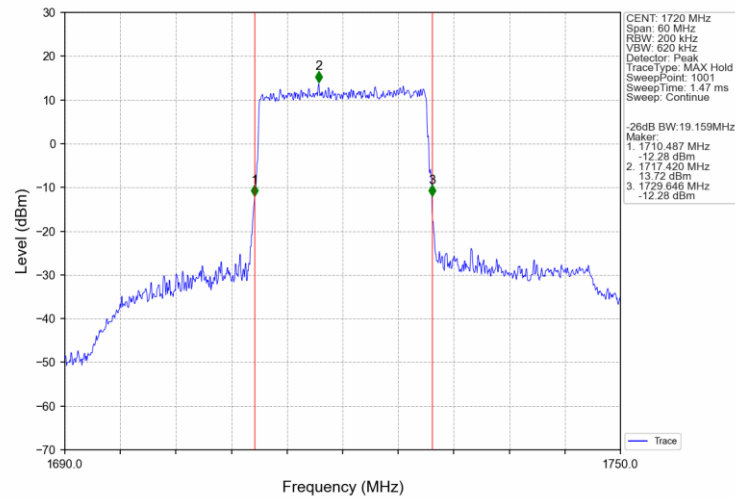
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Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV

