

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	22.49	-0.80	21.69	<=30	Pass
			2	22.38	-0.80	21.58	<=30	Pass
			5	22.03	-0.80	21.23	<=30	Pass
		3	0	22.54	-0.80	21.74	<=30	Pass
			2	22.54	-0.80	21.74	<=30	Pass
			3	22.54	-0.80	21.74	<=30	Pass
		6	0	21.54	-0.80	20.74	<=30	Pass
	1745	1	0	22.07	-0.80	21.27	<=30	Pass
			2	22.08	-0.80	21.28	<=30	Pass
			5	22.04	-0.80	21.24	<=30	Pass
		3	0	22.56	-0.80	21.76	<=30	Pass
			2	22.55	-0.80	21.75	<=30	Pass
			3	22.52	-0.80	21.72	<=30	Pass
		6	0	21.55	-0.80	20.75	<=30	Pass
	1779.3	1	0	22.16	-0.80	21.36	<=30	Pass
			2	22.17	-0.80	21.37	<=30	Pass
			5	22.14	-0.80	21.34	<=30	Pass
		3	0	22.62	-0.80	21.82	<=30	Pass
			2	22.62	-0.80	21.82	<=30	Pass
			3	22.61	-0.80	21.81	<=30	Pass
		6	0	21.54	-0.80	20.74	<=30	Pass
16QAM	1710.7	1	0	21.08	-0.80	20.28	<=30	Pass
			2	21.06	-0.80	20.26	<=30	Pass
			5	21.10	-0.80	20.30	<=30	Pass
		3	0	21.64	-0.80	20.84	<=30	Pass
			2	21.62	-0.80	20.82	<=30	Pass
			3	21.63	-0.80	20.83	<=30	Pass
		6	0	20.57	-0.80	19.77	<=30	Pass
	1745	1	0	21.42	-0.80	20.62	<=30	Pass
			2	21.43	-0.80	20.63	<=30	Pass
			5	21.38	-0.80	20.58	<=30	Pass
		3	0	21.56	-0.80	20.76	<=30	Pass
			2	21.53	-0.80	20.73	<=30	Pass
			3	21.55	-0.80	20.75	<=30	Pass
		6	0	20.56	-0.80	19.76	<=30	Pass
	1779.3	1	0	21.01	-0.80	20.21	<=30	Pass
			2	21.06	-0.80	20.26	<=30	Pass
			5	21.02	-0.80	20.22	<=30	Pass
		3	0	21.41	-0.80	20.61	<=30	Pass
			2	21.43	-0.80	20.63	<=30	Pass
			3	21.43	-0.80	20.63	<=30	Pass
		6	0	20.57	-0.80	19.77	<=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	22.07	-0.80	21.27	<=30	Pass
			7	22.08	-0.80	21.28	<=30	Pass
			14	22.11	-0.80	21.31	<=30	Pass
		8	0	21.51	-0.80	20.71	<=30	Pass
			4	21.51	-0.80	20.71	<=30	Pass
			7	21.56	-0.80	20.76	<=30	Pass
		15	0	21.54	-0.80	20.74	<=30	Pass
	1745	1	0	22.04	-0.80	21.24	<=30	Pass
			7	22.03	-0.80	21.23	<=30	Pass
			14	21.97	-0.80	21.17	<=30	Pass
		8	0	21.47	-0.80	20.67	<=30	Pass
			4	21.44	-0.80	20.64	<=30	Pass
			7	21.40	-0.80	20.60	<=30	Pass
		15	0	21.42	-0.80	20.62	<=30	Pass
	1778.5	1	0	22.00	-0.80	21.20	<=30	Pass
			7	21.97	-0.80	21.17	<=30	Pass
			14	21.96	-0.80	21.16	<=30	Pass
		8	0	21.53	-0.80	20.73	<=30	Pass
			4	21.52	-0.80	20.72	<=30	Pass
			7	21.53	-0.80	20.73	<=30	Pass
		15	0	21.55	-0.80	20.75	<=30	Pass
16QAM	1711.5	1	0	21.34	-0.80	20.54	<=30	Pass
			7	21.39	-0.80	20.59	<=30	Pass
			14	21.48	-0.80	20.68	<=30	Pass
		8	0	20.56	-0.80	19.76	<=30	Pass
			4	20.57	-0.80	19.77	<=30	Pass
			7	20.58	-0.80	19.78	<=30	Pass
		15	0	20.58	-0.80	19.78	<=30	Pass
	1745	1	0	20.94	-0.80	20.14	<=30	Pass
			7	20.92	-0.80	20.12	<=30	Pass
			14	20.91	-0.80	20.11	<=30	Pass
		8	0	20.44	-0.80	19.64	<=30	Pass
			4	20.37	-0.80	19.57	<=30	Pass
			7	20.36	-0.80	19.56	<=30	Pass
		15	0	20.44	-0.80	19.64	<=30	Pass
	1778.5	1	0	21.06	-0.80	20.26	<=30	Pass
			7	21.05	-0.80	20.25	<=30	Pass
			14	21.04	-0.80	20.24	<=30	Pass
		8	0	20.52	-0.80	19.72	<=30	Pass
			4	20.51	-0.80	19.71	<=30	Pass
			7	20.51	-0.80	19.71	<=30	Pass
		15	0	20.49	-0.80	19.69	<=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	22.07	-0.80	21.27	<=30	Pass
			13	22.10	-0.80	21.30	<=30	Pass
			24	22.12	-0.80	21.32	<=30	Pass
		12	0	21.52	-0.80	20.72	<=30	Pass
			6	21.57	-0.80	20.77	<=30	Pass
			13	21.60	-0.80	20.80	<=30	Pass
		25	0	21.57	-0.80	20.77	<=30	Pass
			0	22.01	-0.80	21.21	<=30	Pass
			13	21.97	-0.80	21.17	<=30	Pass
	1745	1	24	21.96	-0.80	21.16	<=30	Pass
			0	21.53	-0.80	20.73	<=30	Pass
			6	21.49	-0.80	20.69	<=30	Pass
		12	13	21.40	-0.80	20.60	<=30	Pass
			0	21.47	-0.80	20.67	<=30	Pass
			0	22.04	-0.80	21.24	<=30	Pass
		25	13	22.04	-0.80	21.24	<=30	Pass
			24	22.07	-0.80	21.27	<=30	Pass
			0	21.56	-0.80	20.76	<=30	Pass
	1777.5	12	6	21.56	-0.80	20.76	<=30	Pass
			13	21.55	-0.80	20.75	<=30	Pass
			0	21.54	-0.80	20.74	<=30	Pass
16QAM	1712.5	1	0	20.98	-0.80	20.18	<=30	Pass
			13	21.01	-0.80	20.21	<=30	Pass
			24	21.05	-0.80	20.25	<=30	Pass
		12	0	20.55	-0.80	19.75	<=30	Pass
			6	20.60	-0.80	19.80	<=30	Pass
			13	20.60	-0.80	19.80	<=30	Pass
		25	0	20.66	-0.80	19.86	<=30	Pass
			0	21.42	-0.80	20.62	<=30	Pass
			13	21.38	-0.80	20.58	<=30	Pass
	1745	1	24	21.36	-0.80	20.56	<=30	Pass
			0	20.51	-0.80	19.71	<=30	Pass
			6	20.47	-0.80	19.67	<=30	Pass
		12	13	20.38	-0.80	19.58	<=30	Pass
			0	20.43	-0.80	19.63	<=30	Pass
			0	21.10	-0.80	20.30	<=30	Pass
		25	13	21.15	-0.80	20.35	<=30	Pass
			24	21.14	-0.80	20.34	<=30	Pass
			0	20.51	-0.80	19.71	<=30	Pass
	1777.5	12	6	20.52	-0.80	19.72	<=30	Pass
			13	20.54	-0.80	19.74	<=30	Pass
			0	20.50	-0.80	19.70	<=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	22.05	-0.80	21.25	<=30	Pass
			25	22.16	-0.80	21.36	<=30	Pass
			49	22.09	-0.80	21.29	<=30	Pass
		25	0	21.51	-0.80	20.71	<=30	Pass
			13	21.59	-0.80	20.79	<=30	Pass
			25	21.68	-0.80	20.88	<=30	Pass
		50	0	21.60	-0.80	20.80	<=30	Pass
	1745	1	0	22.07	-0.80	21.27	<=30	Pass
			25	22.05	-0.80	21.25	<=30	Pass
			49	21.94	-0.80	21.14	<=30	Pass
		25	0	21.52	-0.80	20.72	<=30	Pass
			13	21.47	-0.80	20.67	<=30	Pass
			25	21.48	-0.80	20.68	<=30	Pass
		50	0	21.54	-0.80	20.74	<=30	Pass
	1775	1	0	21.86	-0.80	21.06	<=30	Pass
			25	22.01	-0.80	21.21	<=30	Pass
			49	21.96	-0.80	21.16	<=30	Pass
		25	0	21.51	-0.80	20.71	<=30	Pass
			13	21.50	-0.80	20.70	<=30	Pass
			25	21.58	-0.80	20.78	<=30	Pass
		50	0	21.59	-0.80	20.79	<=30	Pass
16QAM	1715	1	0	21.38	-0.80	20.58	<=30	Pass
			25	21.47	-0.80	20.67	<=30	Pass
			49	21.43	-0.80	20.63	<=30	Pass
		25	0	20.52	-0.80	19.72	<=30	Pass
			13	20.57	-0.80	19.77	<=30	Pass
			25	20.69	-0.80	19.89	<=30	Pass
		50	0	20.59	-0.80	19.79	<=30	Pass
	1745	1	0	20.94	-0.80	20.14	<=30	Pass
			25	20.95	-0.80	20.15	<=30	Pass
			49	20.84	-0.80	20.04	<=30	Pass
		25	0	20.58	-0.80	19.78	<=30	Pass
			13	20.50	-0.80	19.70	<=30	Pass
			25	20.52	-0.80	19.72	<=30	Pass
		50	0	20.52	-0.80	19.72	<=30	Pass
	1775	1	0	20.87	-0.80	20.07	<=30	Pass
			25	21.03	-0.80	20.23	<=30	Pass
			49	20.97	-0.80	20.17	<=30	Pass
		25	0	20.52	-0.80	19.72	<=30	Pass
			13	20.55	-0.80	19.75	<=30	Pass
			25	20.61	-0.80	19.81	<=30	Pass
		50	0	20.49	-0.80	19.69	<=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	21.98	-0.80	21.18	<=30	Pass
			38	22.05	-0.80	21.25	<=30	Pass
			74	21.99	-0.80	21.19	<=30	Pass
		36	0	21.40	-0.80	20.60	<=30	Pass
			18	21.54	-0.80	20.74	<=30	Pass
			39	21.58	-0.80	20.78	<=30	Pass
		75	0	21.57	-0.80	20.77	<=30	Pass
			0	22.05	-0.80	21.25	<=30	Pass
			38	22.01	-0.80	21.21	<=30	Pass
	1745	1	74	21.81	-0.80	21.01	<=30	Pass
			0	21.47	-0.80	20.67	<=30	Pass
			18	21.43	-0.80	20.63	<=30	Pass
		36	39	21.41	-0.80	20.61	<=30	Pass
			0	21.45	-0.80	20.65	<=30	Pass
			0	21.82	-0.80	21.02	<=30	Pass
		75	38	21.97	-0.80	21.17	<=30	Pass
			74	21.88	-0.80	21.08	<=30	Pass
			0	21.45	-0.80	20.65	<=30	Pass
	1772.5	36	18	21.48	-0.80	20.68	<=30	Pass
			39	21.54	-0.80	20.74	<=30	Pass
		75	0	21.56	-0.80	20.76	<=30	Pass
16QAM	1717.5	1	0	20.89	-0.80	20.09	<=30	Pass
			38	21.01	-0.80	20.21	<=30	Pass
			74	20.95	-0.80	20.15	<=30	Pass
		36	0	20.45	-0.80	19.65	<=30	Pass
			18	20.54	-0.80	19.74	<=30	Pass
			39	20.60	-0.80	19.80	<=30	Pass
		75	0	20.58	-0.80	19.78	<=30	Pass
			0	20.92	-0.80	20.12	<=30	Pass
			38	20.93	-0.80	20.13	<=30	Pass
	1745	1	74	20.72	-0.80	19.92	<=30	Pass
			0	20.47	-0.80	19.67	<=30	Pass
			18	20.44	-0.80	19.64	<=30	Pass
		36	39	20.42	-0.80	19.62	<=30	Pass
			0	20.47	-0.80	19.67	<=30	Pass
		75	0	20.84	-0.80	20.04	<=30	Pass
			38	21.02	-0.80	20.22	<=30	Pass
			74	20.96	-0.80	20.16	<=30	Pass
	1772.5	36	0	20.45	-0.80	19.65	<=30	Pass
			18	20.46	-0.80	19.66	<=30	Pass
			39	20.51	-0.80	19.71	<=30	Pass
		75	0	20.50	-0.80	19.70	<=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	21.92	-0.80	21.12	<=30	Pass
			50	22.13	-0.80	21.33	<=30	Pass
			99	22.09	-0.80	21.29	<=30	Pass
		50	0	21.40	-0.80	20.60	<=30	Pass
			25	21.62	-0.80	20.82	<=30	Pass
			50	21.74	-0.80	20.94	<=30	Pass
		100	0	21.60	-0.80	20.80	<=30	Pass
	1745	1	0	21.99	-0.80	21.19	<=30	Pass
			50	22.01	-0.80	21.21	<=30	Pass
			99	21.78	-0.80	20.98	<=30	Pass
		50	0	21.57	-0.80	20.77	<=30	Pass
			25	21.52	-0.80	20.72	<=30	Pass
			50	21.50	-0.80	20.70	<=30	Pass
		100	0	21.54	-0.80	20.74	<=30	Pass
	1770	1	0	21.70	-0.80	20.90	<=30	Pass
			50	21.94	-0.80	21.14	<=30	Pass
			99	21.95	-0.80	21.15	<=30	Pass
		50	0	21.48	-0.80	20.68	<=30	Pass
			25	21.45	-0.80	20.65	<=30	Pass
			50	21.55	-0.80	20.75	<=30	Pass
		100	0	21.51	-0.80	20.71	<=30	Pass
16QAM	1720	1	0	20.94	-0.80	20.14	<=30	Pass
			50	21.15	-0.80	20.35	<=30	Pass
			99	21.09	-0.80	20.29	<=30	Pass
		50	0	20.33	-0.80	19.53	<=30	Pass
			25	20.58	-0.80	19.78	<=30	Pass
			50	20.70	-0.80	19.90	<=30	Pass
		100	0	20.56	-0.80	19.76	<=30	Pass
	1745	1	0	20.85	-0.80	20.05	<=30	Pass
			50	20.86	-0.80	20.06	<=30	Pass
			99	20.64	-0.80	19.84	<=30	Pass
		50	0	20.57	-0.80	19.77	<=30	Pass
			25	20.51	-0.80	19.71	<=30	Pass
			50	20.45	-0.80	19.65	<=30	Pass
		100	0	20.55	-0.80	19.75	<=30	Pass
	1770	1	0	21.12	-0.80	20.32	<=30	Pass
			50	21.36	-0.80	20.56	<=30	Pass
			99	21.34	-0.80	20.54	<=30	Pass
		50	0	20.45	-0.80	19.65	<=30	Pass
			25	20.44	-0.80	19.64	<=30	Pass
			50	20.52	-0.80	19.72	<=30	Pass
		100	0	20.48	-0.80	19.68	<=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	3.29	-3.033	-0.0018	-2.5 to 2.5	Pass
					3.87	-6.123	-0.0036	-2.5 to 2.5	Pass
					4.45	5.236	0.0031	-2.5 to 2.5	Pass
				-30	3.87	-1.702	-0.0010	-2.5 to 2.5	Pass
				-20	3.87	0.114	0.0001	-2.5 to 2.5	Pass
				-10	3.87	4.678	0.0027	-2.5 to 2.5	Pass
				0	3.87	-1.316	-0.0008	-2.5 to 2.5	Pass
				10	3.87	-2.332	-0.0014	-2.5 to 2.5	Pass
				30	3.87	7.610	0.0044	-2.5 to 2.5	Pass
				40	3.87	-0.386	-0.0002	-2.5 to 2.5	Pass
				50	3.87	1.845	0.0011	-2.5 to 2.5	Pass
	1745	6	0	20	3.29	1.130	0.0006	-2.5 to 2.5	Pass
					3.87	2.761	0.0016	-2.5 to 2.5	Pass
					4.45	-2.704	-0.0015	-2.5 to 2.5	Pass
				-30	3.87	8.054	0.0046	-2.5 to 2.5	Pass
				-20	3.87	-1.616	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	8.597	0.0049	-2.5 to 2.5	Pass
				0	3.87	-1.473	-0.0008	-2.5 to 2.5	Pass
				10	3.87	10.557	0.0060	-2.5 to 2.5	Pass
				30	3.87	10.800	0.0062	-2.5 to 2.5	Pass
				40	3.87	4.778	0.0027	-2.5 to 2.5	Pass
				50	3.87	3.719	0.0021	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.29	-10.142	-0.0057	-2.5 to 2.5	Pass
					3.87	-6.638	-0.0037	-2.5 to 2.5	Pass
					4.45	5.450	0.0031	-2.5 to 2.5	Pass
				-30	3.87	-3.862	-0.0022	-2.5 to 2.5	Pass
				-20	3.87	-4.177	-0.0023	-2.5 to 2.5	Pass
				-10	3.87	-8.826	-0.0050	-2.5 to 2.5	Pass
				0	3.87	5.221	0.0029	-2.5 to 2.5	Pass
				10	3.87	-1.445	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-5.593	-0.0031	-2.5 to 2.5	Pass
				40	3.87	-1.974	-0.0011	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.29	2.246	0.0013	-2.5 to 2.5	Pass
					3.87	-7.510	-0.0044	-2.5 to 2.5	Pass
					4.45	-7.238	-0.0042	-2.5 to 2.5	Pass
				-30	3.87	1.373	0.0008	-2.5 to 2.5	Pass
				-20	3.87	-6.523	-0.0038	-2.5 to 2.5	Pass
				-10	3.87	1.059	0.0006	-2.5 to 2.5	Pass
				0	3.87	-1.287	-0.0008	-2.5 to 2.5	Pass
				10	3.87	2.103	0.0012	-2.5 to 2.5	Pass
				30	3.87	-0.787	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.744	-0.0004	-2.5 to 2.5	Pass
				50	3.87	-4.821	-0.0028	-2.5 to 2.5	Pass
	1745	6	0	20	3.29	11.001	0.0063	-2.5 to 2.5	Pass
					3.87	-0.615	-0.0004	-2.5 to 2.5	Pass
					4.45	-2.246	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	3.848	0.0022	-2.5 to 2.5	Pass
				-20	3.87	5.379	0.0031	-2.5 to 2.5	Pass
				-10	3.87	-5.965	-0.0034	-2.5 to 2.5	Pass

				0	3.87	-3.004	-0.0017	-2.5 to 2.5	Pass
				10	3.87	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.87	8.426	0.0048	-2.5 to 2.5	Pass
				40	3.87	10.328	0.0059	-2.5 to 2.5	Pass
				50	3.87	-0.830	-0.0005	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.29	-0.644	-0.0004	-2.5 to 2.5	Pass
					3.87	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.45	-9.556	-0.0054	-2.5 to 2.5	Pass
				-30	3.87	-1.230	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-5.708	-0.0032	-2.5 to 2.5	Pass
				-10	3.87	-7.582	-0.0043	-2.5 to 2.5	Pass
				0	3.87	2.160	0.0012	-2.5 to 2.5	Pass
				10	3.87	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.87	-3.691	-0.0021	-2.5 to 2.5	Pass
				50	3.87	-7.882	-0.0044	-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	3.29	-4.148	-0.0024	-2.5 to 2.5	Pass
					3.87	-3.991	-0.0023	-2.5 to 2.5	Pass
					4.45	-8.740	-0.0051	-2.5 to 2.5	Pass
				-30	3.87	-4.435	-0.0026	-2.5 to 2.5	Pass
				-20	3.87	1.574	0.0009	-2.5 to 2.5	Pass
				-10	3.87	1.774	0.0010	-2.5 to 2.5	Pass
				0	3.87	-3.948	-0.0023	-2.5 to 2.5	Pass
				10	3.87	2.031	0.0012	-2.5 to 2.5	Pass
				30	3.87	8.154	0.0048	-2.5 to 2.5	Pass
				40	3.87	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.87	7.439	0.0043	-2.5 to 2.5	Pass
	1745	15	0	20	3.29	-5.136	-0.0029	-2.5 to 2.5	Pass
					3.87	2.389	0.0014	-2.5 to 2.5	Pass
					4.45	8.669	0.0050	-2.5 to 2.5	Pass
				-30	3.87	5.779	0.0033	-2.5 to 2.5	Pass
				-20	3.87	7.024	0.0040	-2.5 to 2.5	Pass
				-10	3.87	-2.060	-0.0012	-2.5 to 2.5	Pass
				0	3.87	15.235	0.0087	-2.5 to 2.5	Pass
				10	3.87	3.619	0.0021	-2.5 to 2.5	Pass
				30	3.87	11.573	0.0066	-2.5 to 2.5	Pass
				40	3.87	11.630	0.0067	-2.5 to 2.5	Pass
				50	3.87	6.895	0.0040	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.29	-6.323	-0.0036	-2.5 to 2.5	Pass
					3.87	-3.834	-0.0022	-2.5 to 2.5	Pass
					4.45	-4.964	-0.0028	-2.5 to 2.5	Pass
				-30	3.87	5.236	0.0029	-2.5 to 2.5	Pass
				-20	3.87	-6.523	-0.0037	-2.5 to 2.5	Pass
				-10	3.87	1.216	0.0007	-2.5 to 2.5	Pass
				0	3.87	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.87	1.488	0.0008	-2.5 to 2.5	Pass
				30	3.87	7.081	0.0040	-2.5 to 2.5	Pass
				40	3.87	1.101	0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.29	-3.777	-0.0022	-2.5 to 2.5	Pass
					3.87	5.479	0.0032	-2.5 to 2.5	Pass
					4.45	5.407	0.0032	-2.5 to 2.5	Pass
				-30	3.87	5.894	0.0034	-2.5 to 2.5	Pass
				-20	3.87	2.589	0.0015	-2.5 to 2.5	Pass
				-10	3.87	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.87	-1.245	-0.0007	-2.5 to 2.5	Pass
				10	3.87	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.87	6.294	0.0037	-2.5 to 2.5	Pass
				40	3.87	-4.148	-0.0024	-2.5 to 2.5	Pass
				50	3.87	10.929	0.0064	-2.5 to 2.5	Pass
	1745	15	0	20	3.29	6.466	0.0037	-2.5 to 2.5	Pass
					3.87	6.022	0.0035	-2.5 to 2.5	Pass
					4.45	11.101	0.0064	-2.5 to 2.5	Pass
				-30	3.87	12.717	0.0073	-2.5 to 2.5	Pass
				-20	3.87	12.803	0.0073	-2.5 to 2.5	Pass
				-10	3.87	5.064	0.0029	-2.5 to 2.5	Pass
				0	3.87	-0.672	-0.0004	-2.5 to 2.5	Pass
				10	3.87	-1.073	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-2.618	-0.0015	-2.5 to 2.5	Pass
				40	3.87	1.445	0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.043	0.0000	-2.5 to 2.5	Pass

	1778.5	15	0	20	3.29	-1.330	-0.0007	-2.5 to 2.5	Pass
					3.87	-6.452	-0.0036	-2.5 to 2.5	Pass
					4.45	6.423	0.0036	-2.5 to 2.5	Pass
				-30	3.87	4.363	0.0025	-2.5 to 2.5	Pass
				-20	3.87	-3.304	-0.0019	-2.5 to 2.5	Pass
				-10	3.87	-4.864	-0.0027	-2.5 to 2.5	Pass
				0	3.87	6.523	0.0037	-2.5 to 2.5	Pass
				10	3.87	0.472	0.0003	-2.5 to 2.5	Pass
				30	3.87	-2.089	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-4.077	-0.0023	-2.5 to 2.5	Pass
				50	3.87	-0.343	-0.0002	-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	3.29	-0.615	-0.0004	-2.5 to 2.5	Pass
					3.87	-4.578	-0.0027	-2.5 to 2.5	Pass
					4.45	6.208	0.0036	-2.5 to 2.5	Pass
				-30	3.87	9.770	0.0057	-2.5 to 2.5	Pass
				-20	3.87	2.518	0.0015	-2.5 to 2.5	Pass
				-10	3.87	-1.216	-0.0007	-2.5 to 2.5	Pass
				0	3.87	3.705	0.0022	-2.5 to 2.5	Pass
				10	3.87	-4.191	-0.0024	-2.5 to 2.5	Pass
				30	3.87	2.232	0.0013	-2.5 to 2.5	Pass
				40	3.87	-0.157	-0.0001	-2.5 to 2.5	Pass
				50	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
	1745	25	0	20	3.29	-0.043	0.0000	-2.5 to 2.5	Pass
					3.87	2.503	0.0014	-2.5 to 2.5	Pass
					4.45	-0.944	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	-0.443	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	-3.676	-0.0021	-2.5 to 2.5	Pass
				-10	3.87	8.211	0.0047	-2.5 to 2.5	Pass
				0	3.87	2.089	0.0012	-2.5 to 2.5	Pass
				10	3.87	-1.273	-0.0007	-2.5 to 2.5	Pass
				30	3.87	7.138	0.0041	-2.5 to 2.5	Pass
				40	3.87	-1.831	-0.0010	-2.5 to 2.5	Pass
				50	3.87	0.401	0.0002	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.29	5.751	0.0032	-2.5 to 2.5	Pass
					3.87	3.633	0.0020	-2.5 to 2.5	Pass
					4.45	5.708	0.0032	-2.5 to 2.5	Pass
				-30	3.87	6.423	0.0036	-2.5 to 2.5	Pass
				-20	3.87	-0.858	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	-2.689	-0.0015	-2.5 to 2.5	Pass
				0	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.87	11.687	0.0066	-2.5 to 2.5	Pass
				30	3.87	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.87	11.215	0.0063	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.29	5.951	0.0035	-2.5 to 2.5	Pass
					3.87	0.129	0.0001	-2.5 to 2.5	Pass
					4.45	1.416	0.0008	-2.5 to 2.5	Pass
				-30	3.87	-0.858	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	-0.901	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.87	-2.446	-0.0014	-2.5 to 2.5	Pass
				10	3.87	2.360	0.0014	-2.5 to 2.5	Pass
				30	3.87	-2.732	-0.0016	-2.5 to 2.5	Pass
				40	3.87	2.203	0.0013	-2.5 to 2.5	Pass
				50	3.87	1.903	0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.29	2.031	0.0012	-2.5 to 2.5	Pass
					3.87	6.051	0.0035	-2.5 to 2.5	Pass
					4.45	2.475	0.0014	-2.5 to 2.5	Pass
				-30	3.87	0.887	0.0005	-2.5 to 2.5	Pass
				-20	3.87	3.691	0.0021	-2.5 to 2.5	Pass
				-10	3.87	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.87	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.87	7.768	0.0045	-2.5 to 2.5	Pass
				30	3.87	2.003	0.0011	-2.5 to 2.5	Pass
				40	3.87	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-5.593	-0.0032	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.29	11.029	0.0062	-2.5 to 2.5	Pass
					3.87	0.529	0.0003	-2.5 to 2.5	Pass
					4.45	10.014	0.0056	-2.5 to 2.5	Pass
				-30	3.87	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.87	8.082	0.0045	-2.5 to 2.5	Pass
				-10	3.87	11.201	0.0063	-2.5 to 2.5	Pass
				0	3.87	6.480	0.0036	-2.5 to 2.5	Pass
				10	3.87	4.449	0.0025	-2.5 to 2.5	Pass
				30	3.87	6.080	0.0034	-2.5 to 2.5	Pass
				40	3.87	3.805	0.0021	-2.5 to 2.5	Pass
				50	3.87	4.621	0.0026	-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	3.29	2.260	0.0013	-2.5 to 2.5	Pass
					3.87	0.701	0.0004	-2.5 to 2.5	Pass
					4.45	1.545	0.0009	-2.5 to 2.5	Pass
				-30	3.87	0.644	0.0004	-2.5 to 2.5	Pass
				-20	3.87	5.093	0.0030	-2.5 to 2.5	Pass
				-10	3.87	6.509	0.0038	-2.5 to 2.5	Pass
				0	3.87	1.130	0.0007	-2.5 to 2.5	Pass
				10	3.87	3.963	0.0023	-2.5 to 2.5	Pass
				30	3.87	3.376	0.0020	-2.5 to 2.5	Pass
				40	3.87	1.945	0.0011	-2.5 to 2.5	Pass
				50	3.87	1.345	0.0008	-2.5 to 2.5	Pass
	1745	50	0	20	3.29	3.676	0.0021	-2.5 to 2.5	Pass
					3.87	2.718	0.0016	-2.5 to 2.5	Pass
					4.45	3.405	0.0020	-2.5 to 2.5	Pass
				-30	3.87	5.093	0.0029	-2.5 to 2.5	Pass
				-20	3.87	2.990	0.0017	-2.5 to 2.5	Pass
				-10	3.87	2.604	0.0015	-2.5 to 2.5	Pass
				0	3.87	0.429	0.0002	-2.5 to 2.5	Pass
				10	3.87	3.805	0.0022	-2.5 to 2.5	Pass
				30	3.87	2.131	0.0012	-2.5 to 2.5	Pass
				40	3.87	5.665	0.0032	-2.5 to 2.5	Pass
				50	3.87	2.618	0.0015	-2.5 to 2.5	Pass
	1775	50	0	20	3.29	3.662	0.0021	-2.5 to 2.5	Pass
					3.87	2.618	0.0015	-2.5 to 2.5	Pass
					4.45	3.133	0.0018	-2.5 to 2.5	Pass
				-30	3.87	2.460	0.0014	-2.5 to 2.5	Pass
				-20	3.87	1.416	0.0008	-2.5 to 2.5	Pass
				-10	3.87	1.960	0.0011	-2.5 to 2.5	Pass
				0	3.87	2.589	0.0015	-2.5 to 2.5	Pass
				10	3.87	0.601	0.0003	-2.5 to 2.5	Pass
				30	3.87	3.276	0.0018	-2.5 to 2.5	Pass
				40	3.87	5.393	0.0030	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.29	3.133	0.0018	-2.5 to 2.5	Pass
					3.87	1.745	0.0010	-2.5 to 2.5	Pass
					4.45	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.87	3.147	0.0018	-2.5 to 2.5	Pass
				-20	3.87	5.722	0.0033	-2.5 to 2.5	Pass
				-10	3.87	5.522	0.0032	-2.5 to 2.5	Pass
				0	3.87	2.933	0.0017	-2.5 to 2.5	Pass
				10	3.87	5.651	0.0033	-2.5 to 2.5	Pass
				30	3.87	4.435	0.0026	-2.5 to 2.5	Pass
				40	3.87	6.208	0.0036	-2.5 to 2.5	Pass
				50	3.87	3.462	0.0020	-2.5 to 2.5	Pass
	1745	50	0	20	3.29	4.306	0.0025	-2.5 to 2.5	Pass
					3.87	0.958	0.0005	-2.5 to 2.5	Pass
					4.45	4.292	0.0025	-2.5 to 2.5	Pass
				-30	3.87	0.601	0.0003	-2.5 to 2.5	Pass
				-20	3.87	1.745	0.0010	-2.5 to 2.5	Pass
				-10	3.87	2.975	0.0017	-2.5 to 2.5	Pass
				0	3.87	5.651	0.0032	-2.5 to 2.5	Pass
				10	3.87	-1.917	-0.0011	-2.5 to 2.5	Pass
				30	3.87	3.891	0.0022	-2.5 to 2.5	Pass
				40	3.87	0.529	0.0003	-2.5 to 2.5	Pass
				50	3.87	-0.186	-0.0001	-2.5 to 2.5	Pass

	1775	50	0	20	3.29	-0.873	-0.0005	-2.5 to 2.5	Pass
					3.87	-0.916	-0.0005	-2.5 to 2.5	Pass
					4.45	3.519	0.0020	-2.5 to 2.5	Pass
				-30	3.87	2.418	0.0014	-2.5 to 2.5	Pass
				-20	3.87	0.815	0.0005	-2.5 to 2.5	Pass
				-10	3.87	5.379	0.0030	-2.5 to 2.5	Pass
				0	3.87	3.819	0.0022	-2.5 to 2.5	Pass
				10	3.87	3.047	0.0017	-2.5 to 2.5	Pass
				30	3.87	4.120	0.0023	-2.5 to 2.5	Pass
				40	3.87	4.764	0.0027	-2.5 to 2.5	Pass
				50	3.87	1.359	0.0008	-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	3.29	0.129	0.0001	-2.5 to 2.5	Pass
					3.87	1.588	0.0009	-2.5 to 2.5	Pass
					4.45	2.189	0.0013	-2.5 to 2.5	Pass
				-30	3.87	0.644	0.0004	-2.5 to 2.5	Pass
				-20	3.87	0.973	0.0006	-2.5 to 2.5	Pass
				-10	3.87	1.187	0.0007	-2.5 to 2.5	Pass
				0	3.87	1.459	0.0008	-2.5 to 2.5	Pass
				10	3.87	1.888	0.0011	-2.5 to 2.5	Pass
				30	3.87	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.87	-1.903	-0.0011	-2.5 to 2.5	Pass
				50	3.87	3.490	0.0020	-2.5 to 2.5	Pass
	1745	75	0	20	3.29	5.851	0.0034	-2.5 to 2.5	Pass
					3.87	4.635	0.0027	-2.5 to 2.5	Pass
					4.45	4.950	0.0028	-2.5 to 2.5	Pass
				-30	3.87	3.433	0.0020	-2.5 to 2.5	Pass
				-20	3.87	8.054	0.0046	-2.5 to 2.5	Pass
				-10	3.87	4.134	0.0024	-2.5 to 2.5	Pass
				0	3.87	5.908	0.0034	-2.5 to 2.5	Pass
				10	3.87	7.582	0.0043	-2.5 to 2.5	Pass
				30	3.87	7.153	0.0041	-2.5 to 2.5	Pass
				40	3.87	3.977	0.0023	-2.5 to 2.5	Pass
				50	3.87	4.778	0.0027	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.29	2.403	0.0014	-2.5 to 2.5	Pass
					3.87	1.945	0.0011	-2.5 to 2.5	Pass
					4.45	0.987	0.0006	-2.5 to 2.5	Pass
				-30	3.87	1.345	0.0008	-2.5 to 2.5	Pass
				-20	3.87	-1.116	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	2.332	0.0013	-2.5 to 2.5	Pass
				0	3.87	-1.187	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-2.933	-0.0017	-2.5 to 2.5	Pass
				30	3.87	0.587	0.0003	-2.5 to 2.5	Pass
				40	3.87	-0.615	-0.0003	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.29	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.87	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.45	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.87	1.345	0.0008	-2.5 to 2.5	Pass
				-20	3.87	-1.960	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.87	0.858	0.0005	-2.5 to 2.5	Pass
				10	3.87	0.458	0.0003	-2.5 to 2.5	Pass
				30	3.87	3.977	0.0023	-2.5 to 2.5	Pass
				40	3.87	1.874	0.0011	-2.5 to 2.5	Pass
				50	3.87	1.159	0.0007	-2.5 to 2.5	Pass
	1745	75	0	20	3.29	3.247	0.0019	-2.5 to 2.5	Pass
					3.87	0.658	0.0004	-2.5 to 2.5	Pass
					4.45	1.760	0.0010	-2.5 to 2.5	Pass
				-30	3.87	3.319	0.0019	-2.5 to 2.5	Pass
				-20	3.87	2.832	0.0016	-2.5 to 2.5	Pass
				-10	3.87	5.107	0.0029	-2.5 to 2.5	Pass
				0	3.87	5.236	0.0030	-2.5 to 2.5	Pass
				10	3.87	3.262	0.0019	-2.5 to 2.5	Pass
				30	3.87	1.531	0.0009	-2.5 to 2.5	Pass
				40	3.87	3.304	0.0019	-2.5 to 2.5	Pass
				50	3.87	4.663	0.0027	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.29	0.472	0.0003	-2.5 to 2.5	Pass
					3.87	0.372	0.0002	-2.5 to 2.5	Pass
					4.45	3.848	0.0022	-2.5 to 2.5	Pass
				-30	3.87	-0.858	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	-2.074	-0.0012	-2.5 to 2.5	Pass
				0	3.87	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.87	1.230	0.0007	-2.5 to 2.5	Pass
				30	3.87	-1.659	-0.0009	-2.5 to 2.5	Pass
				40	3.87	-2.747	-0.0015	-2.5 to 2.5	Pass
				50	3.87	2.761	0.0016	-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	3.29	0.529	0.0003	-2.5 to 2.5	Pass
					3.87	1.731	0.0010	-2.5 to 2.5	Pass
					4.45	4.163	0.0024	-2.5 to 2.5	Pass
				-30	3.87	3.562	0.0021	-2.5 to 2.5	Pass
				-20	3.87	3.304	0.0019	-2.5 to 2.5	Pass
				-10	3.87	2.489	0.0014	-2.5 to 2.5	Pass
				0	3.87	3.562	0.0021	-2.5 to 2.5	Pass
				10	3.87	1.044	0.0006	-2.5 to 2.5	Pass
				30	3.87	0.658	0.0004	-2.5 to 2.5	Pass
				40	3.87	2.804	0.0016	-2.5 to 2.5	Pass
				50	3.87	2.046	0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.29	2.804	0.0016	-2.5 to 2.5	Pass
					3.87	4.778	0.0027	-2.5 to 2.5	Pass
					4.45	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.87	1.488	0.0009	-2.5 to 2.5	Pass
				-20	3.87	-2.861	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	1.116	0.0006	-2.5 to 2.5	Pass
				0	3.87	1.545	0.0009	-2.5 to 2.5	Pass
				10	3.87	2.704	0.0015	-2.5 to 2.5	Pass
				30	3.87	2.031	0.0012	-2.5 to 2.5	Pass
				40	3.87	0.215	0.0001	-2.5 to 2.5	Pass
				50	3.87	1.659	0.0010	-2.5 to 2.5	Pass
	1770	100	0	20	3.29	-3.591	-0.0020	-2.5 to 2.5	Pass
					3.87	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.45	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	1.845	0.0010	-2.5 to 2.5	Pass
				-20	3.87	-1.702	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-3.462	-0.0020	-2.5 to 2.5	Pass
				0	3.87	0.529	0.0003	-2.5 to 2.5	Pass
				10	3.87	-2.003	-0.0011	-2.5 to 2.5	Pass
				30	3.87	-4.892	-0.0028	-2.5 to 2.5	Pass
				40	3.87	-1.073	-0.0006	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.29	0.200	0.0001	-2.5 to 2.5	Pass
					3.87	2.260	0.0013	-2.5 to 2.5	Pass
					4.45	4.134	0.0024	-2.5 to 2.5	Pass
				-30	3.87	4.320	0.0025	-2.5 to 2.5	Pass
				-20	3.87	1.588	0.0009	-2.5 to 2.5	Pass
				-10	3.87	4.506	0.0026	-2.5 to 2.5	Pass
				0	3.87	5.078	0.0030	-2.5 to 2.5	Pass
				10	3.87	3.462	0.0020	-2.5 to 2.5	Pass
				30	3.87	0.458	0.0003	-2.5 to 2.5	Pass
				40	3.87	0.286	0.0002	-2.5 to 2.5	Pass
				50	3.87	2.003	0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.29	-2.961	-0.0017	-2.5 to 2.5	Pass
					3.87	3.705	0.0021	-2.5 to 2.5	Pass
					4.45	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.87	0.443	0.0003	-2.5 to 2.5	Pass
				-20	3.87	-0.672	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.87	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	3.87	2.689	0.0015	-2.5 to 2.5	Pass
				30	3.87	-0.143	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass

	1770	100	0	20	3.29	-1.044	-0.0006	-2.5 to 2.5	Pass
					3.87	-3.519	-0.0020	-2.5 to 2.5	Pass
					4.45	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	1.917	0.0011	-2.5 to 2.5	Pass
				-20	3.87	-3.061	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	2.317	0.0013	-2.5 to 2.5	Pass
				0	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.87	-2.131	-0.0012	-2.5 to 2.5	Pass
				30	3.87	-1.073	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-0.844	-0.0005	-2.5 to 2.5	Pass
				50	3.87	-6.180	-0.0035	-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

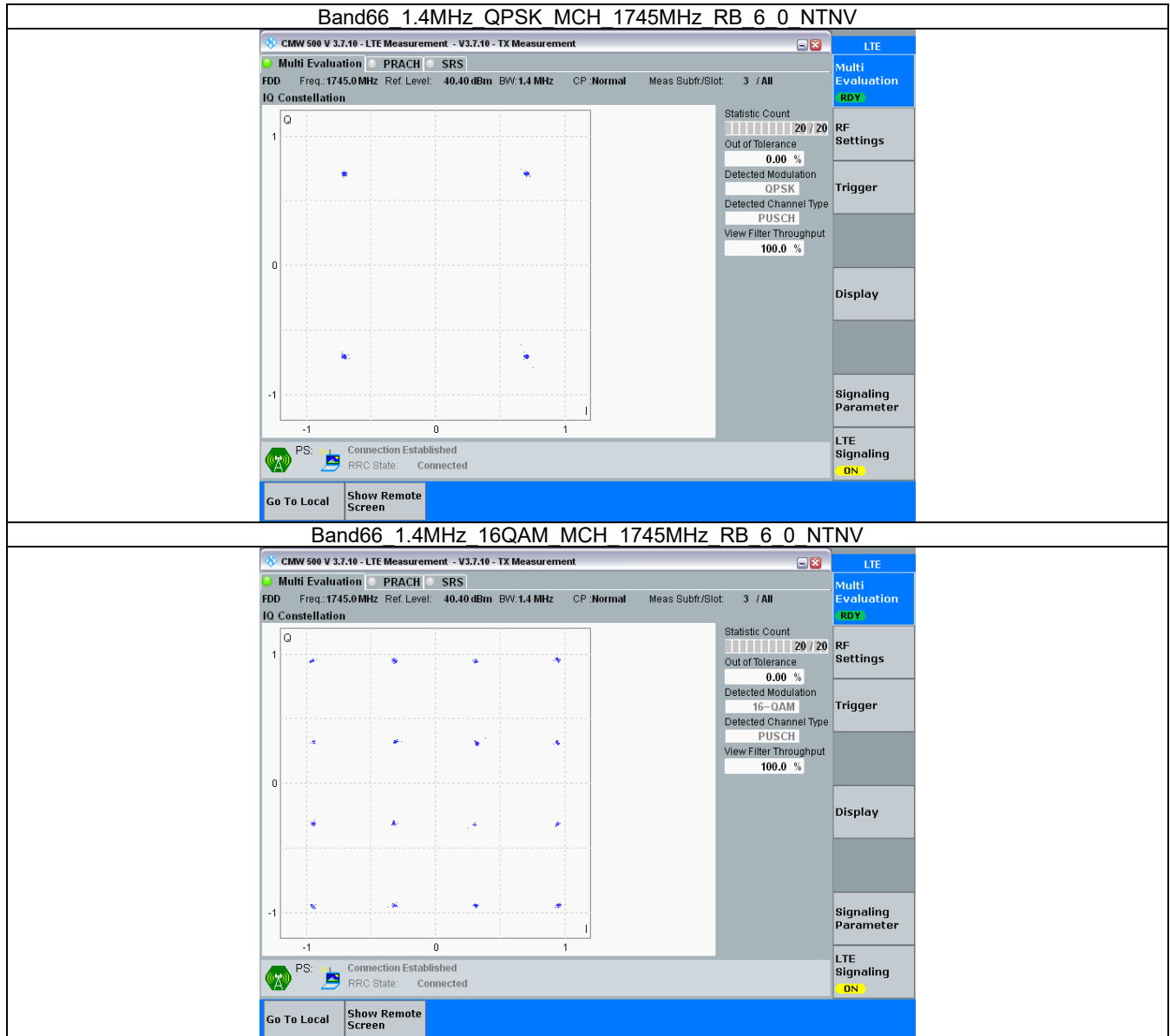
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

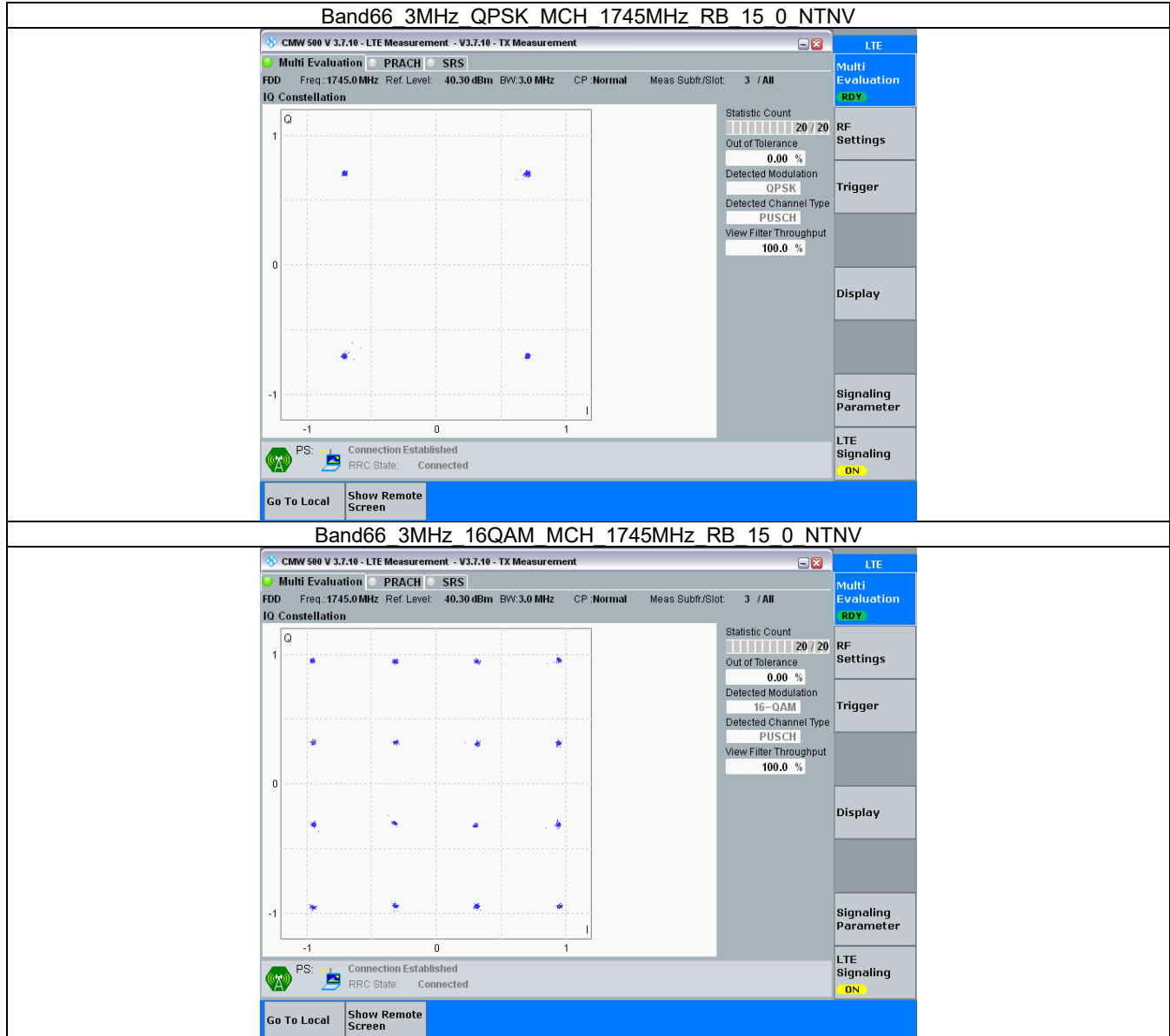
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

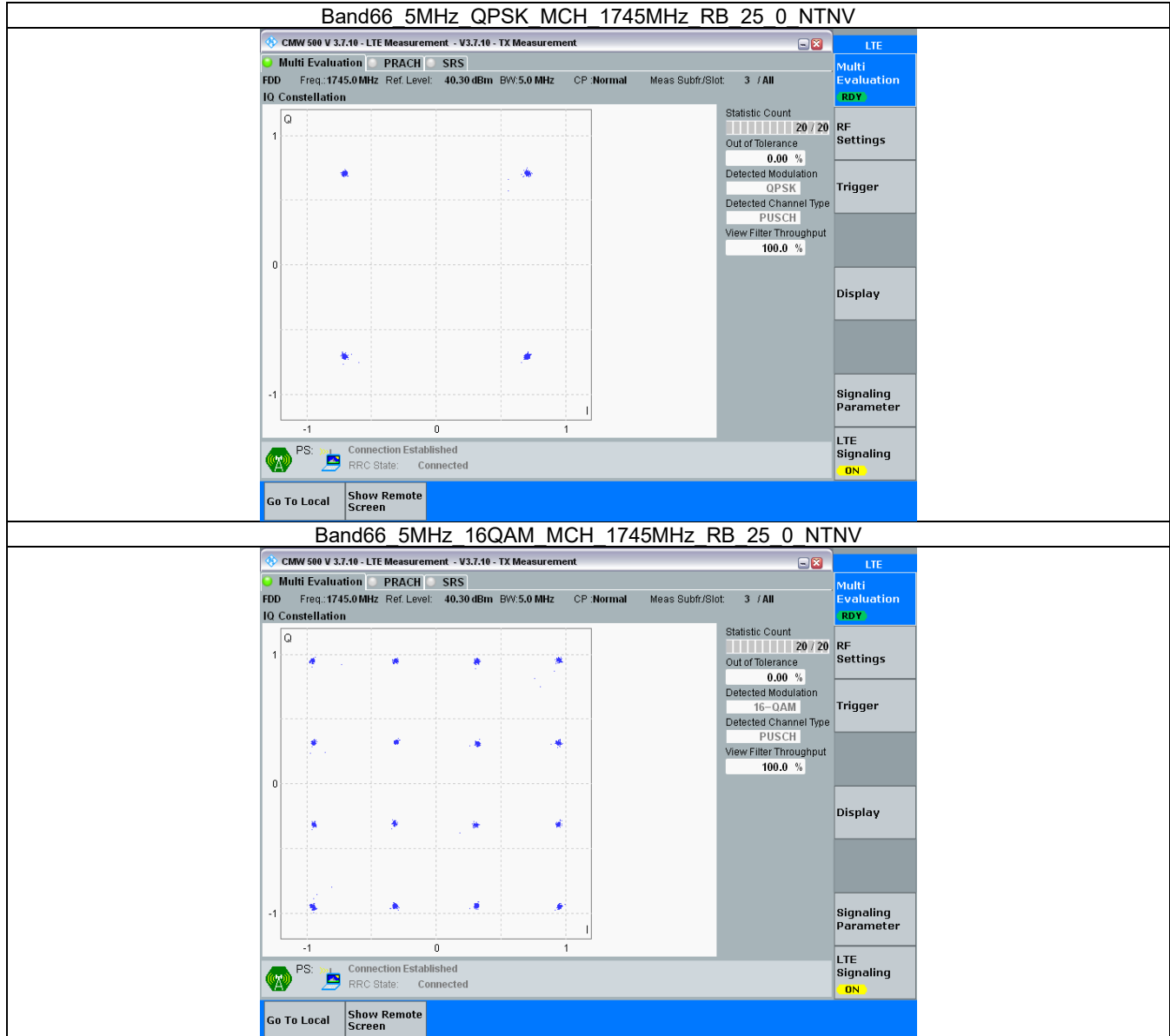
3.2.1 B66_1.4MHz



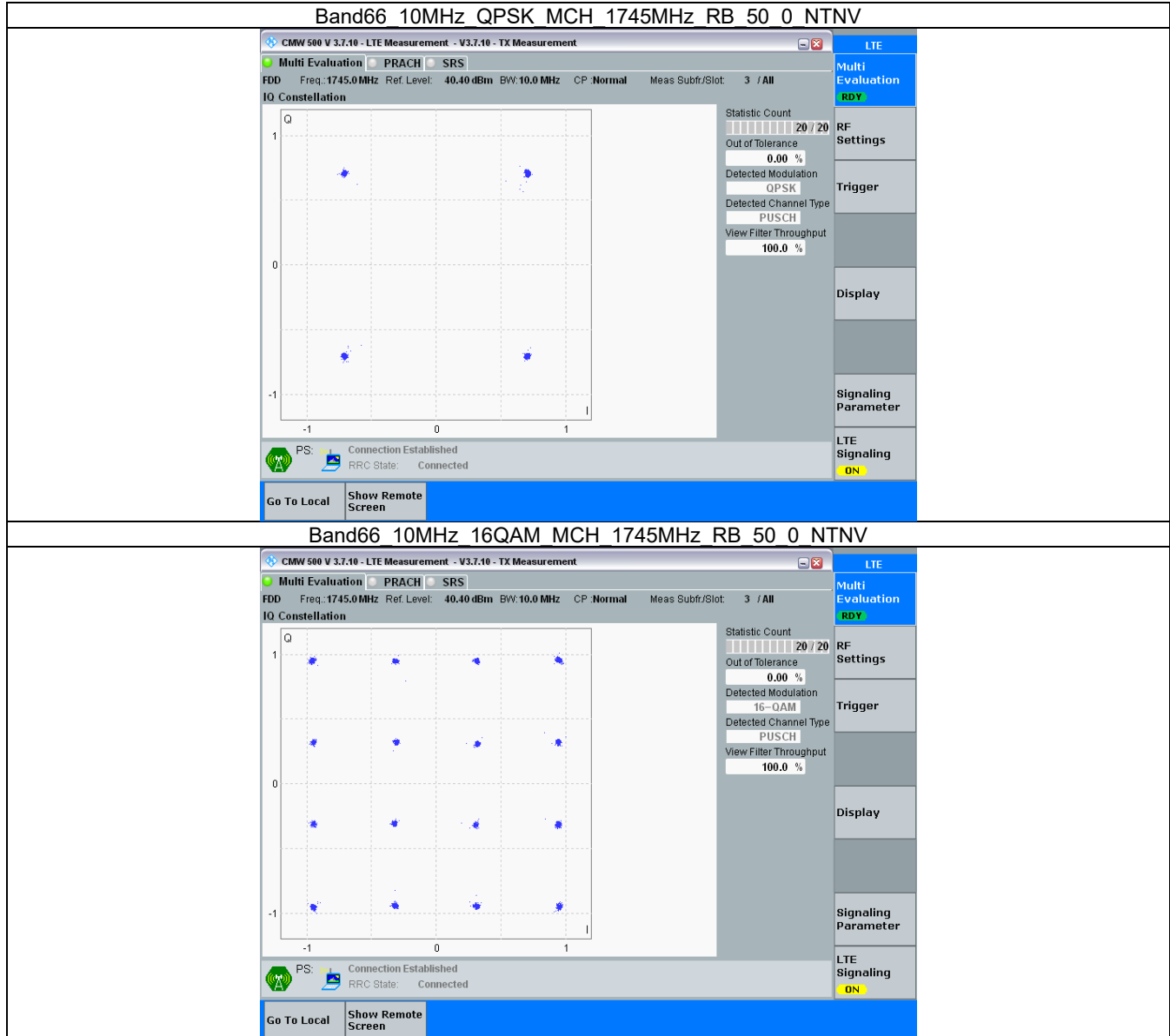
3.2.2 B66_3MHz



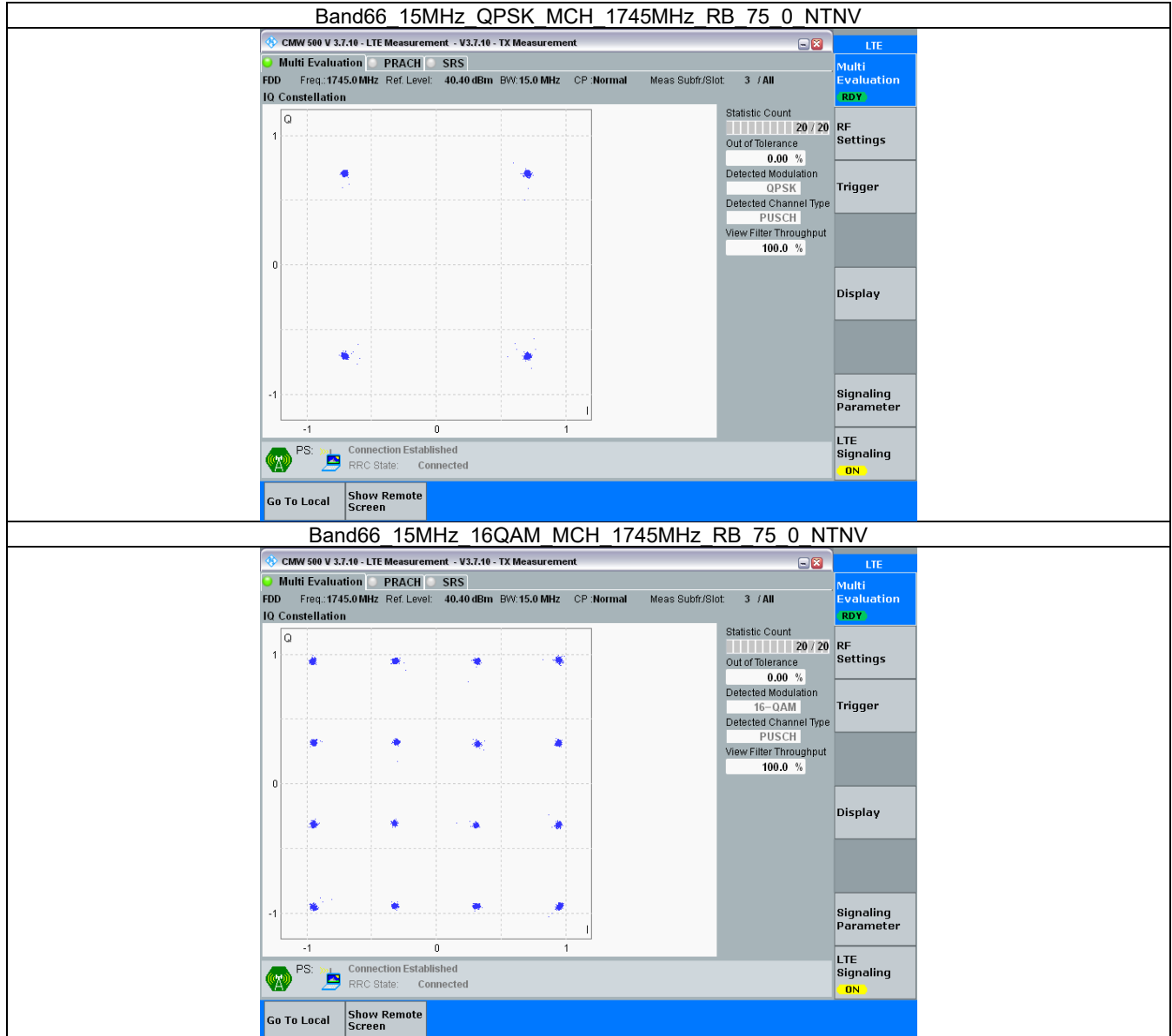
3.2.3 B66_5MHz



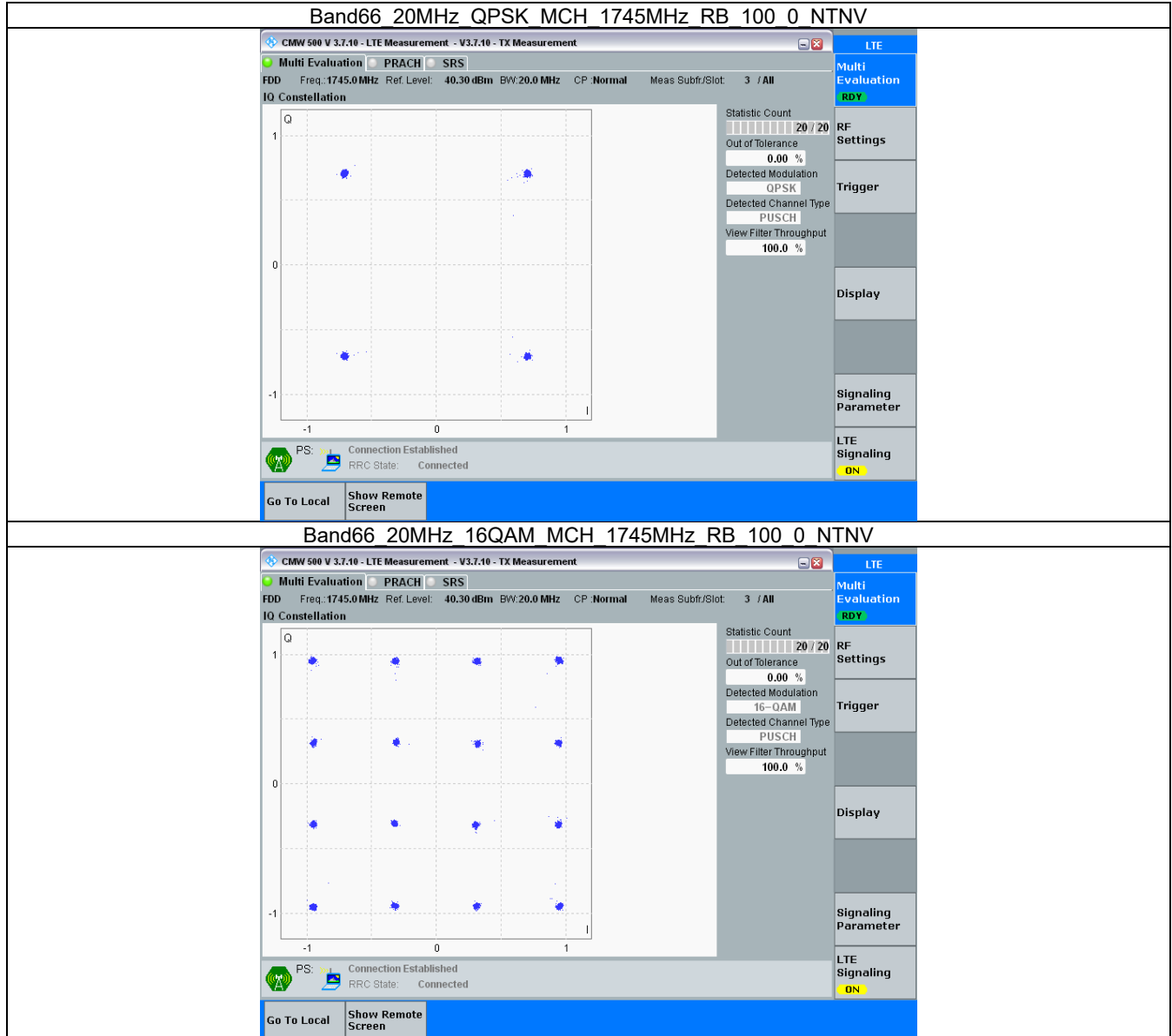
3.2.4 B66_10MHz



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	1.105	/	Pass
		1745	6	0	1.128	/	Pass
		1779.3	6	0	1.117	/	Pass
	16QAM	1710.7	6	0	1.114	/	Pass
		1745	6	0	1.113	/	Pass
		1779.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.726	/	Pass
		1745	15	0	2.738	/	Pass
		1778.5	15	0	2.734	/	Pass
	16QAM	1711.5	15	0	2.729	/	Pass
		1745	15	0	2.731	/	Pass
		1778.5	15	0	2.742	/	Pass
5	QPSK	1712.5	25	0	4.534	/	Pass
		1745	25	0	4.544	/	Pass
		1777.5	25	0	4.548	/	Pass
	16QAM	1712.5	25	0	4.548	/	Pass
		1745	25	0	4.552	/	Pass
		1777.5	25	0	4.540	/	Pass
10	QPSK	1715	50	0	9.053	/	Pass
		1745	50	0	9.034	/	Pass
		1775	50	0	9.059	/	Pass
	16QAM	1715	50	0	9.065	/	Pass
		1745	50	0	9.043	/	Pass
		1775	50	0	9.078	/	Pass
15	QPSK	1717.5	75	0	13.574	/	Pass
		1745	75	0	13.548	/	Pass
		1772.5	75	0	13.627	/	Pass
	16QAM	1717.5	75	0	13.602	/	Pass
		1745	75	0	13.618	/	Pass
		1772.5	75	0	13.614	/	Pass
20	QPSK	1720	100	0	18.090	/	Pass
		1745	100	0	18.078	/	Pass
		1770	100	0	18.112	/	Pass
	16QAM	1720	100	0	18.098	/	Pass
		1745	100	0	18.094	/	Pass
		1770	100	0	18.179	/	Pass

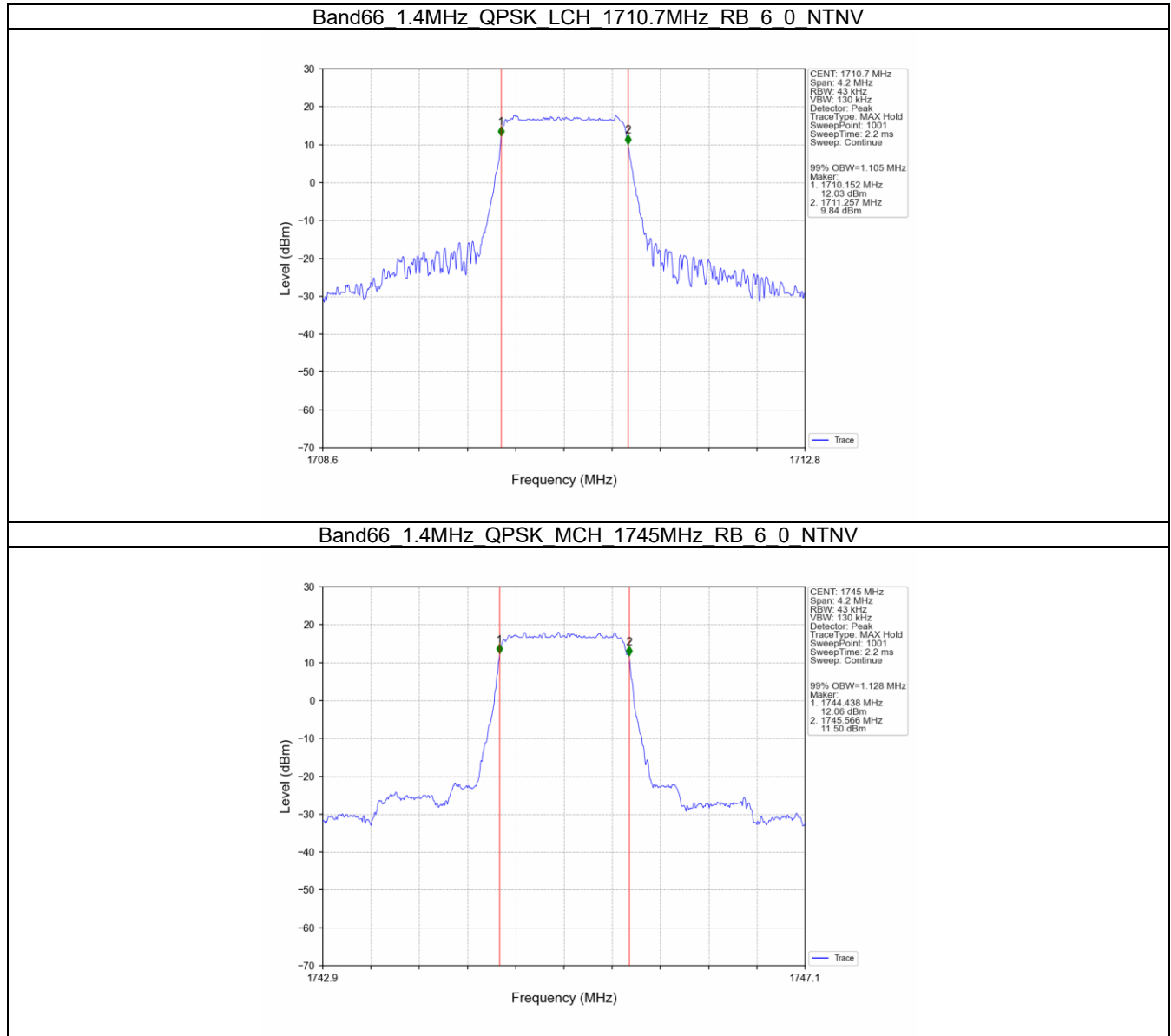
4.1.2 Band66_XDB

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	1.319	/	Pass
		1745	6	0	1.319	/	Pass
		1779.3	6	0	1.338	/	Pass
	16QAM	1710.7	6	0	1.317	/	Pass
		1745	6	0	1.333	/	Pass
		1779.3	6	0	1.302	/	Pass
3	QPSK	1711.5	15	0	3.020	/	Pass

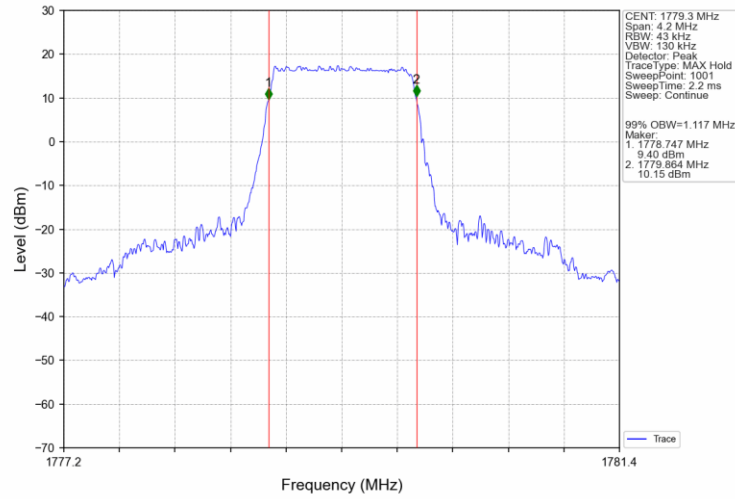
	16QAM	1745	15	0	2.995	/	Pass
		1778.5	15	0	3.019	/	Pass
		1711.5	15	0	2.996	/	Pass
		1745	15	0	3.009	/	Pass
		1778.5	15	0	2.994	/	Pass
5	QPSK	1712.5	25	0	5.030	/	Pass
		1745	25	0	5.026	/	Pass
		1777.5	25	0	5.050	/	Pass
	16QAM	1712.5	25	0	5.102	/	Pass
		1745	25	0	5.050	/	Pass
		1777.5	25	0	5.086	/	Pass
10	QPSK	1715	50	0	9.895	/	Pass
		1745	50	0	9.929	/	Pass
		1775	50	0	10.068	/	Pass
	16QAM	1715	50	0	9.943	/	Pass
		1745	50	0	9.993	/	Pass
		1775	50	0	9.934	/	Pass
15	QPSK	1717.5	75	0	15.015	/	Pass
		1745	75	0	14.903	/	Pass
		1772.5	75	0	14.960	/	Pass
	16QAM	1717.5	75	0	14.908	/	Pass
		1745	75	0	15.028	/	Pass
		1772.5	75	0	14.922	/	Pass
20	QPSK	1720	100	0	19.728	/	Pass
		1745	100	0	19.878	/	Pass
		1770	100	0	19.685	/	Pass
	16QAM	1720	100	0	19.601	/	Pass
		1745	100	0	19.617	/	Pass
		1770	100	0	19.679	/	Pass

4.2 Test Graph

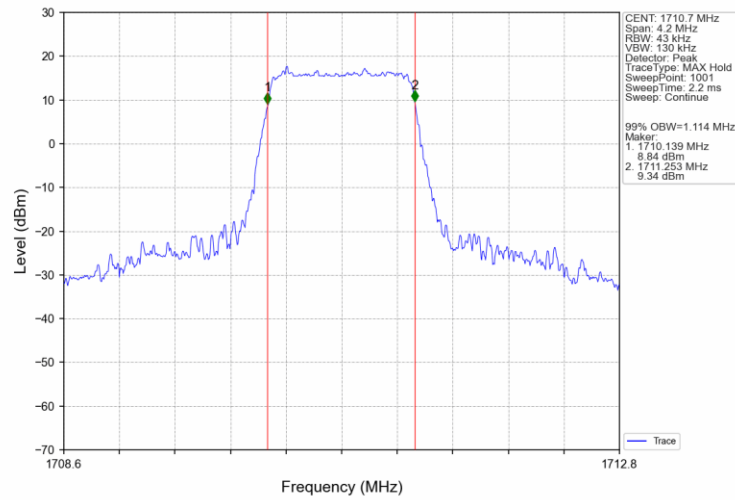
4.2.1 Band66_OBW



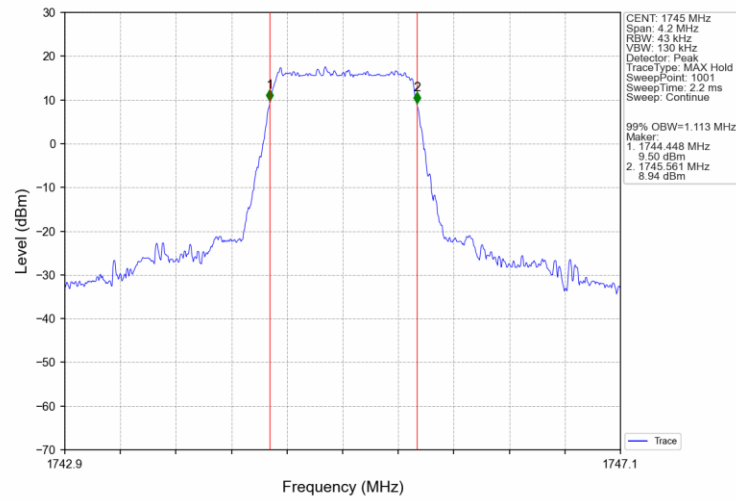
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



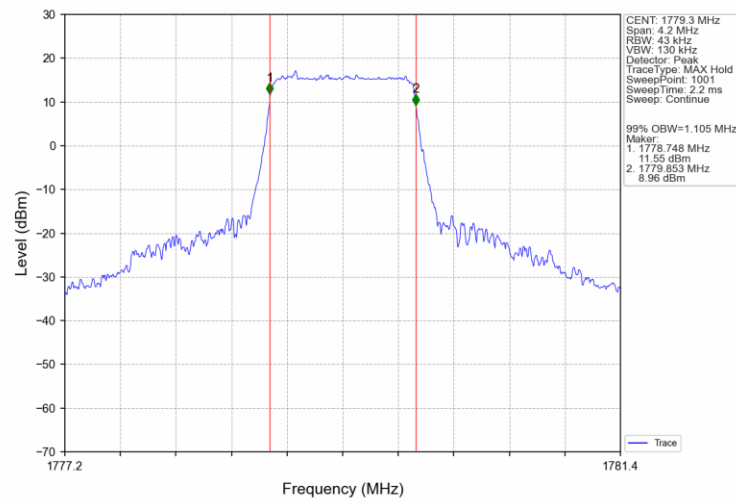
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



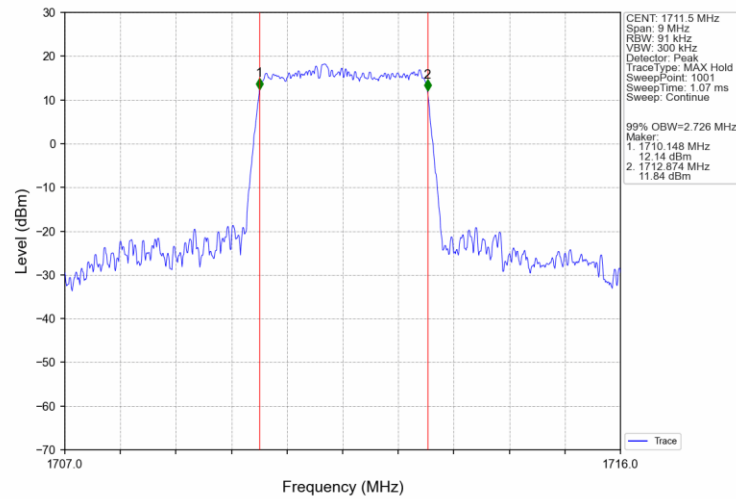
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



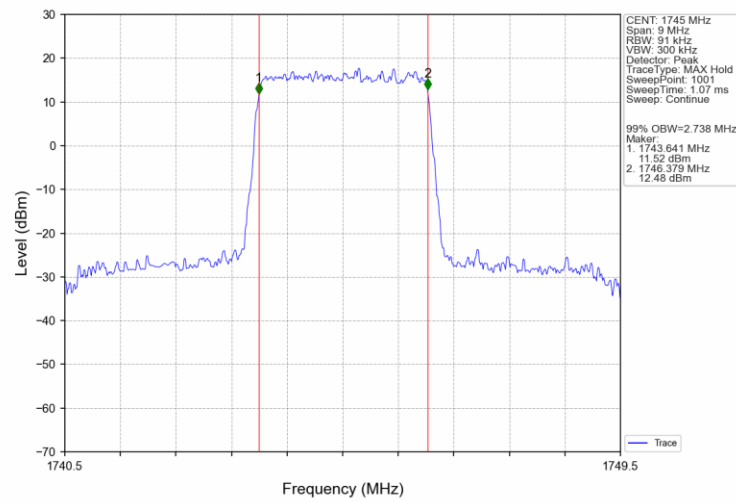
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



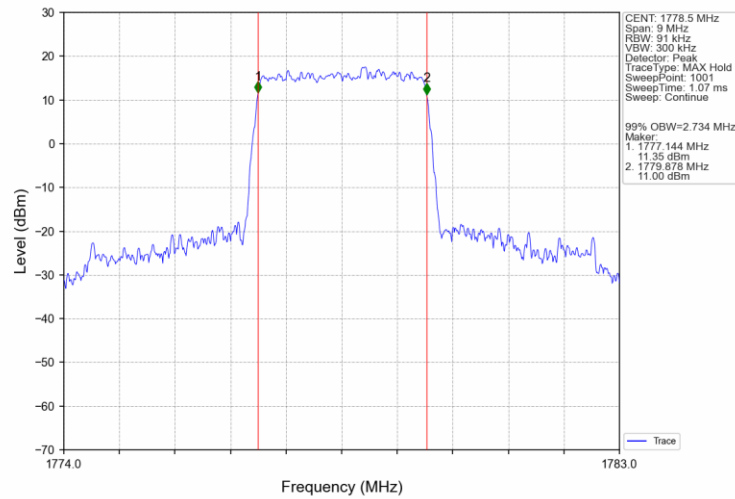
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



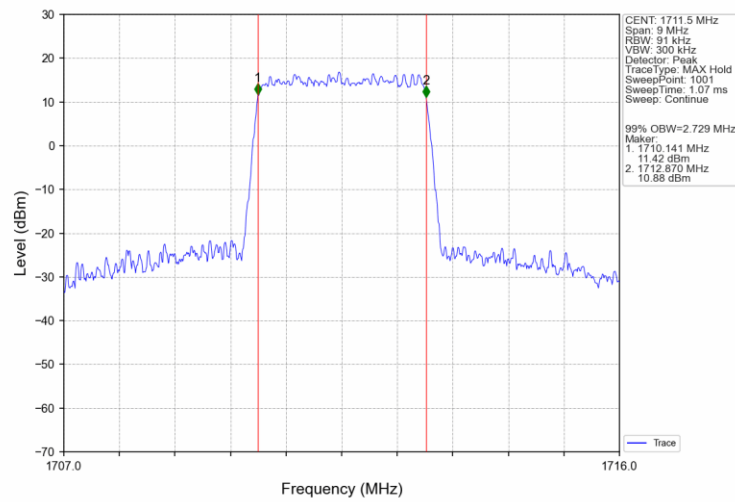
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



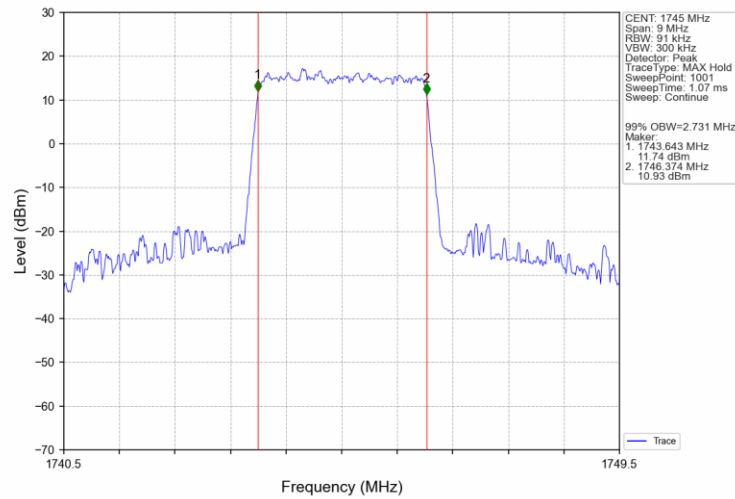
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



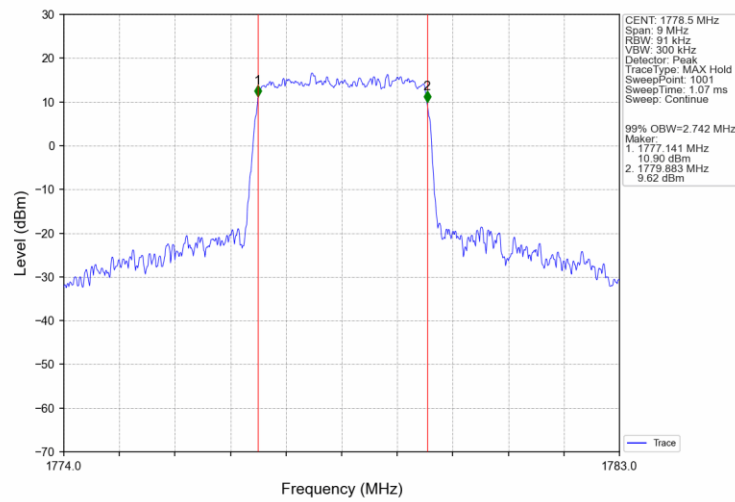
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



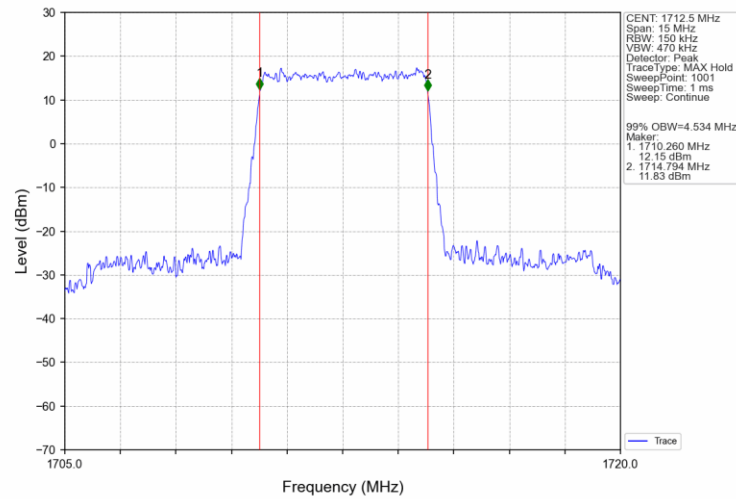
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



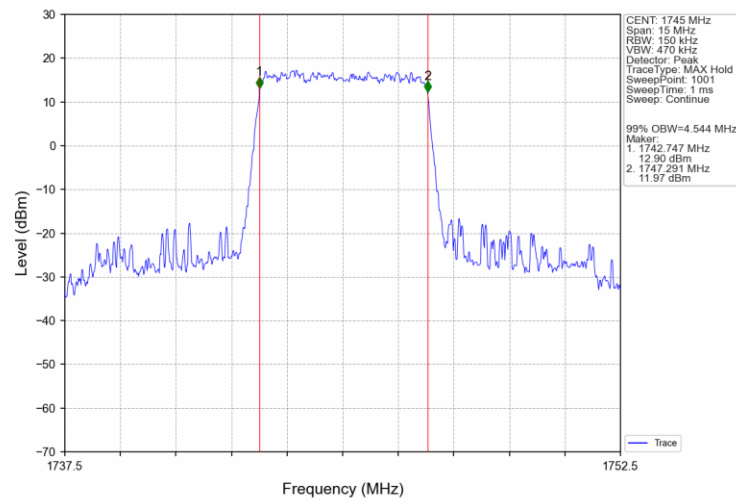
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



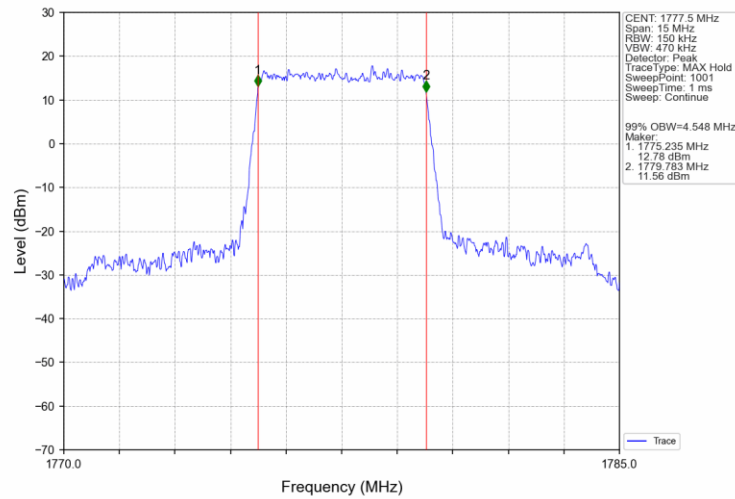
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



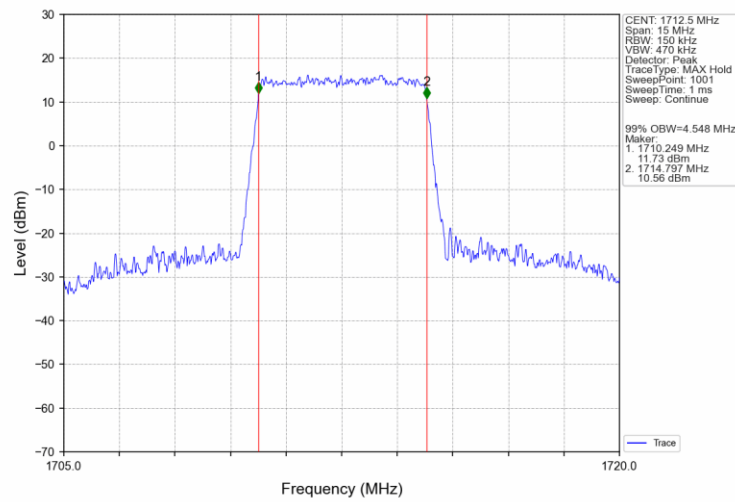
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



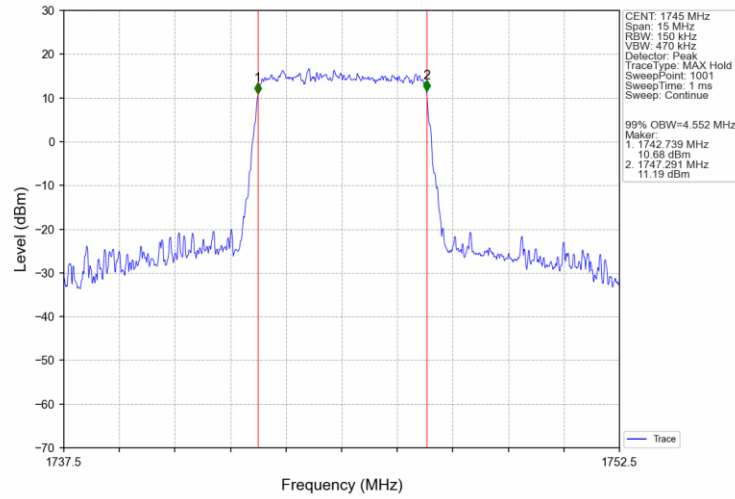
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



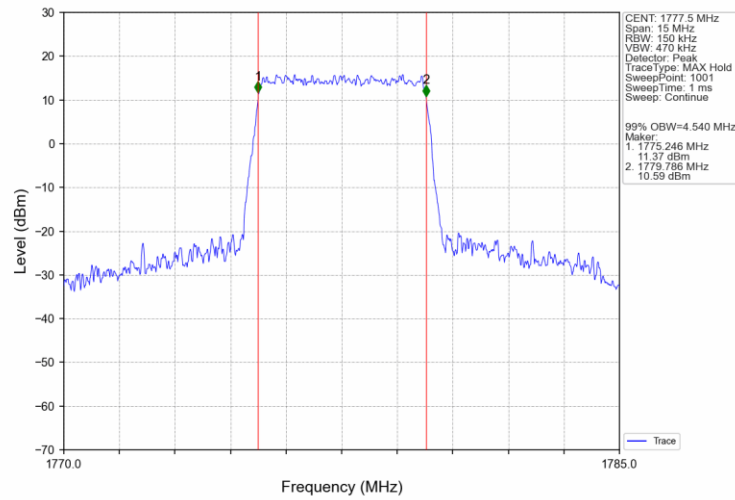
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



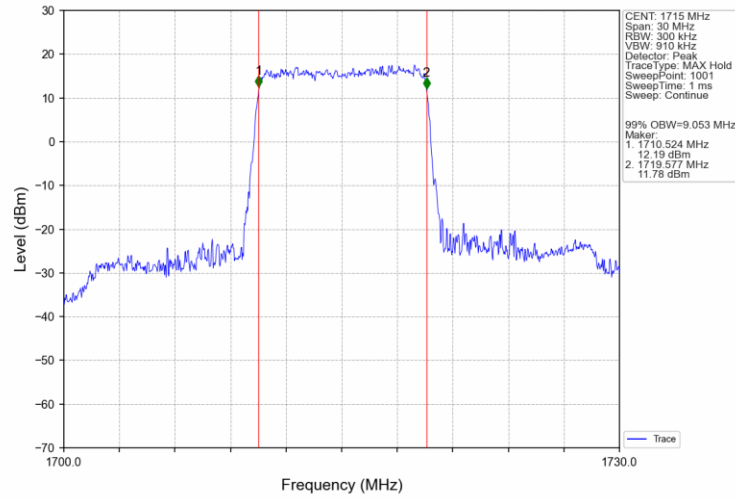
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



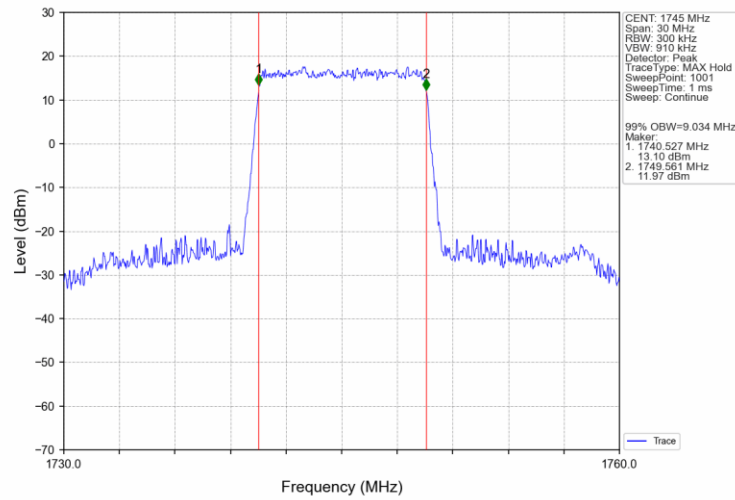
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



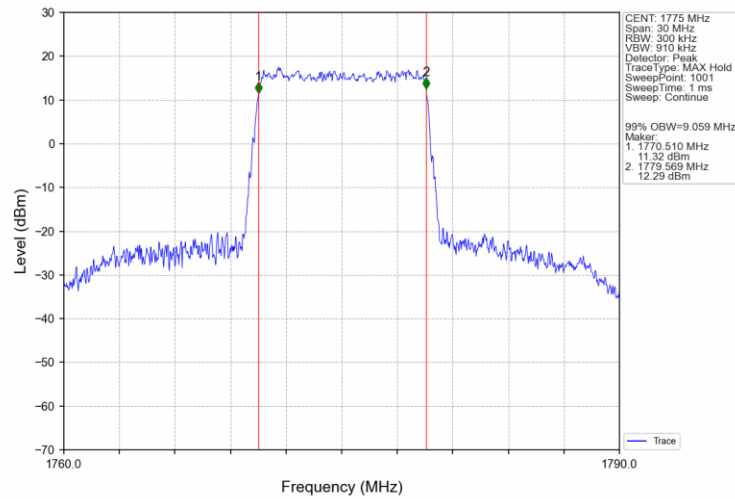
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



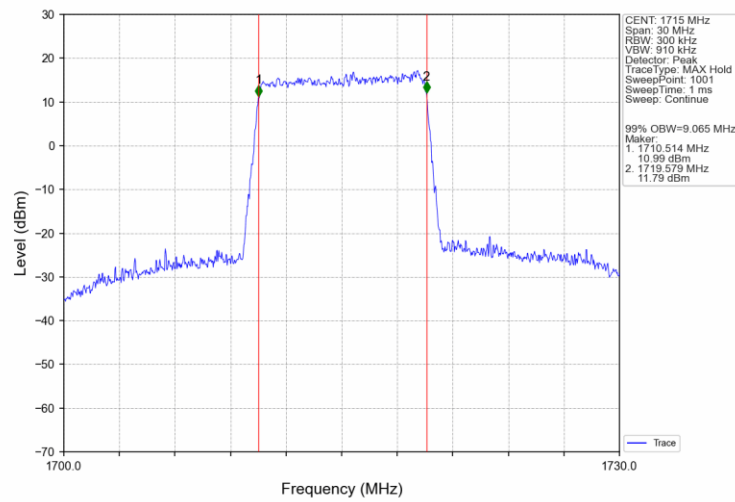
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



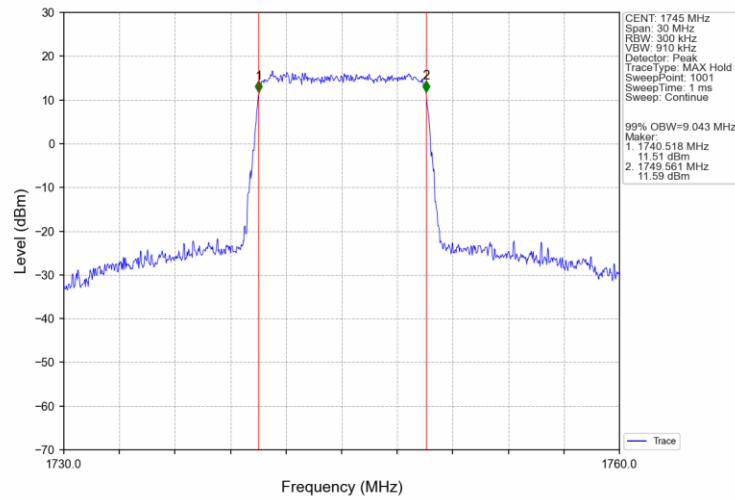
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



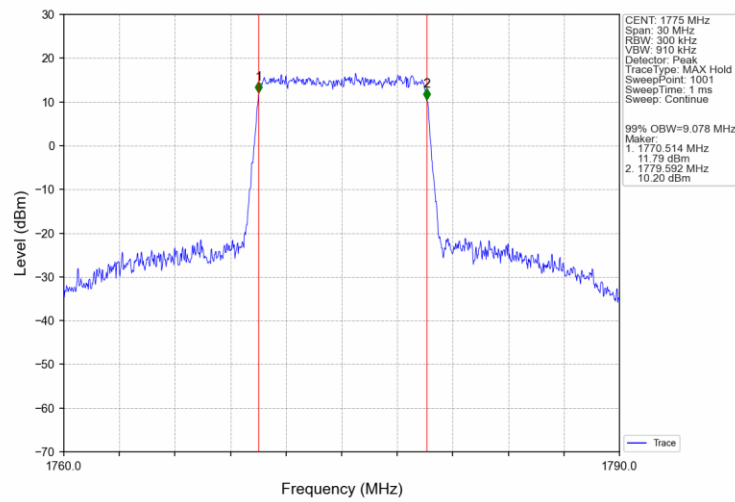
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



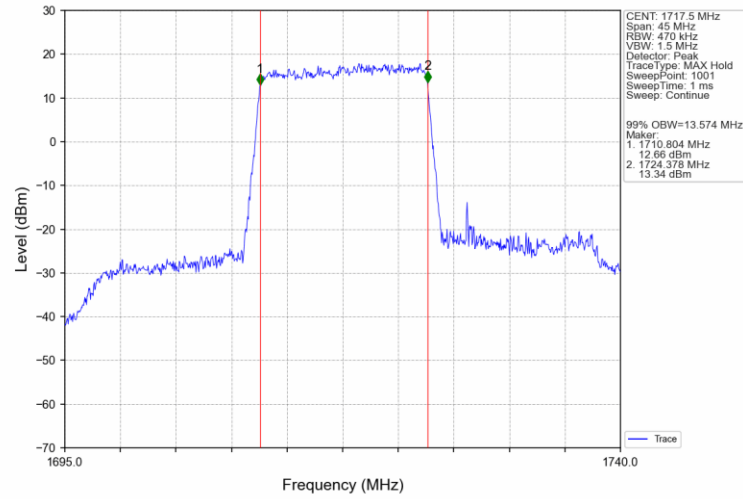
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



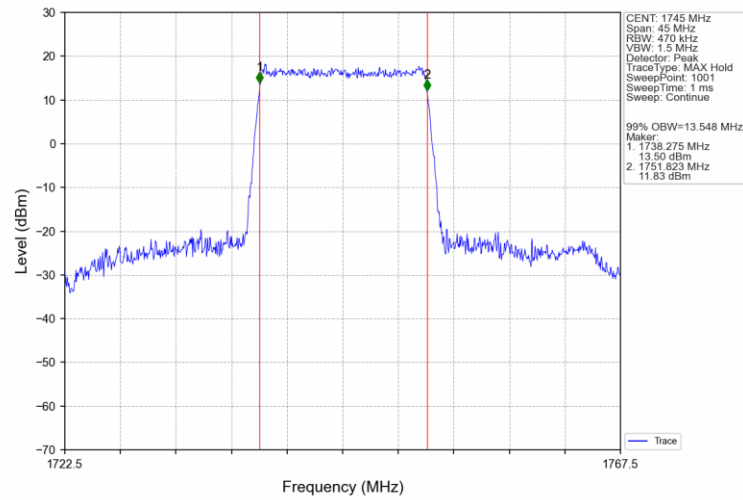
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



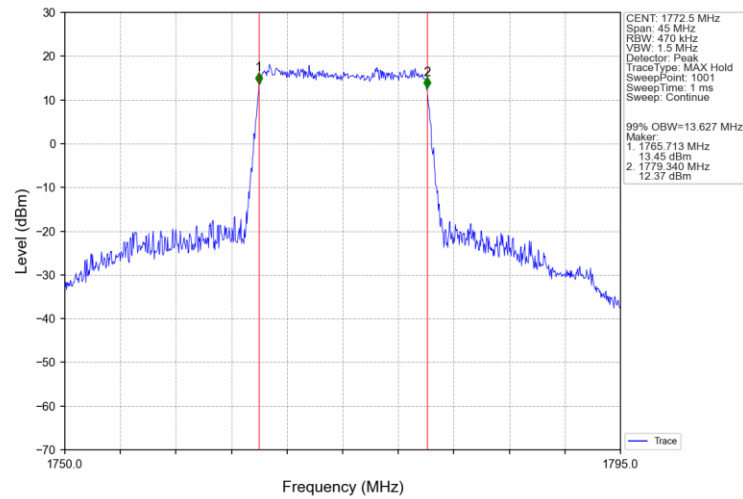
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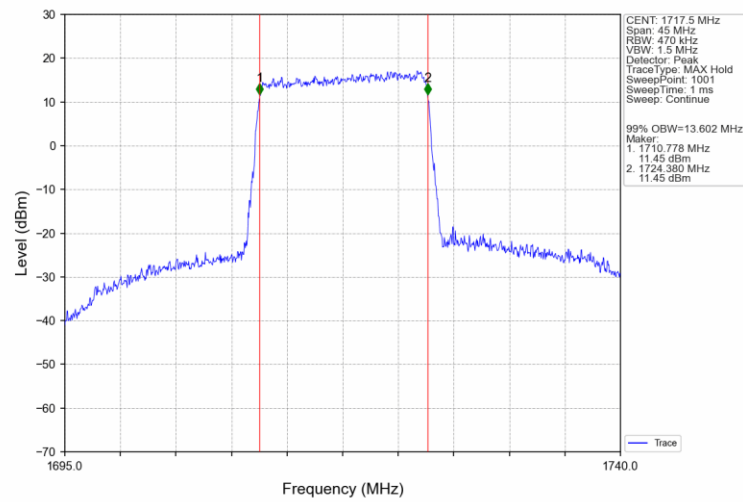
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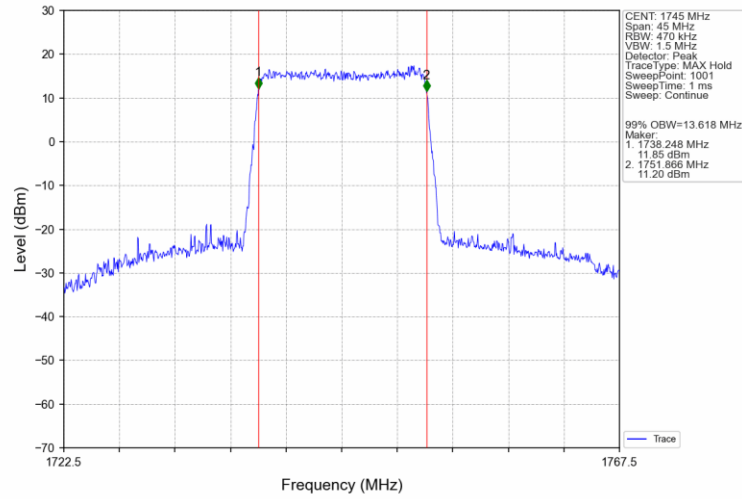
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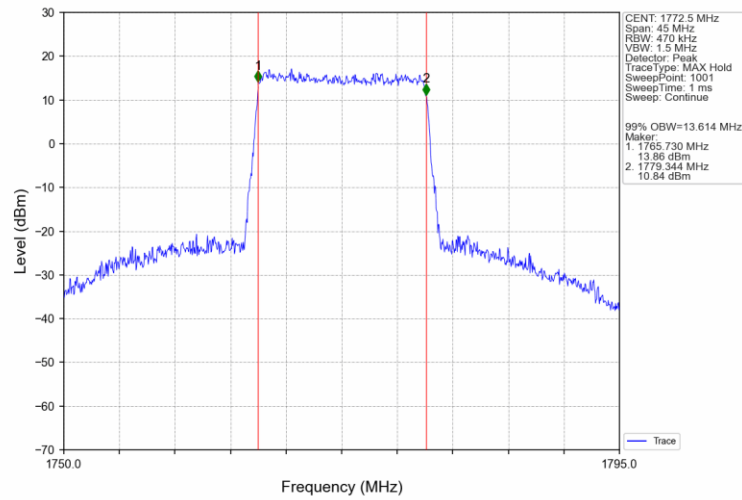
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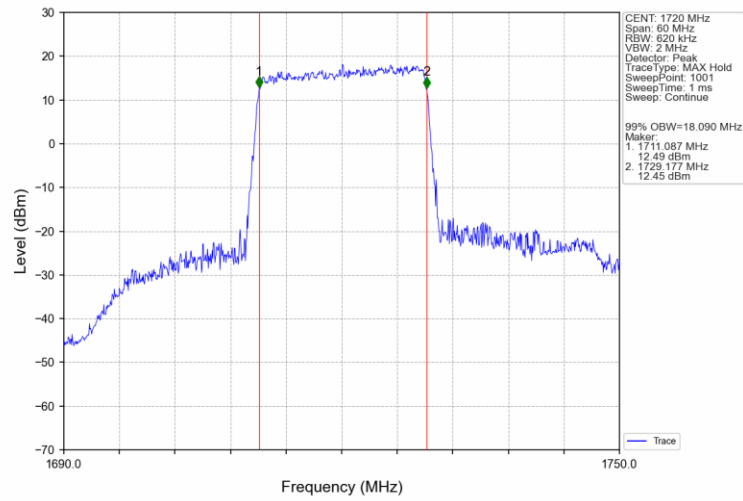
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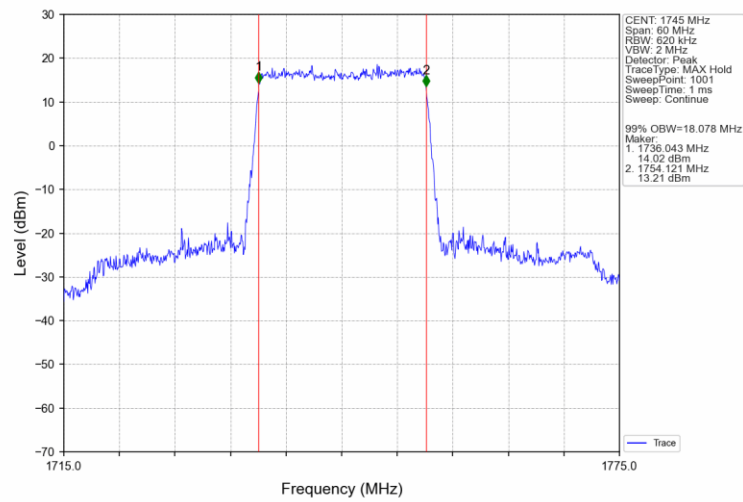
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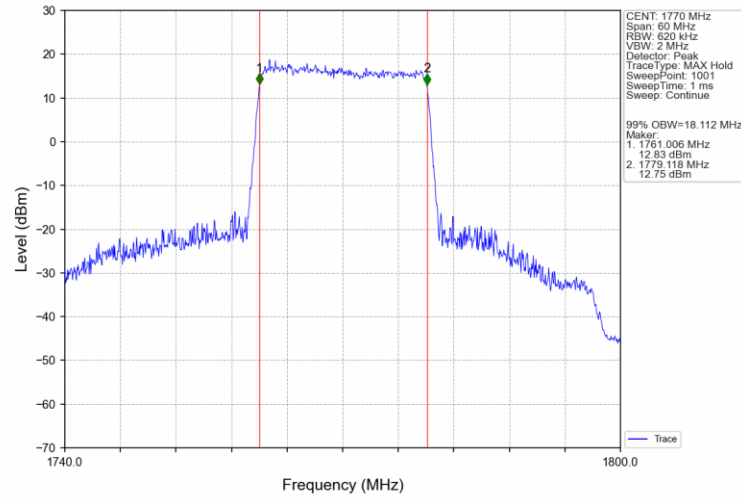
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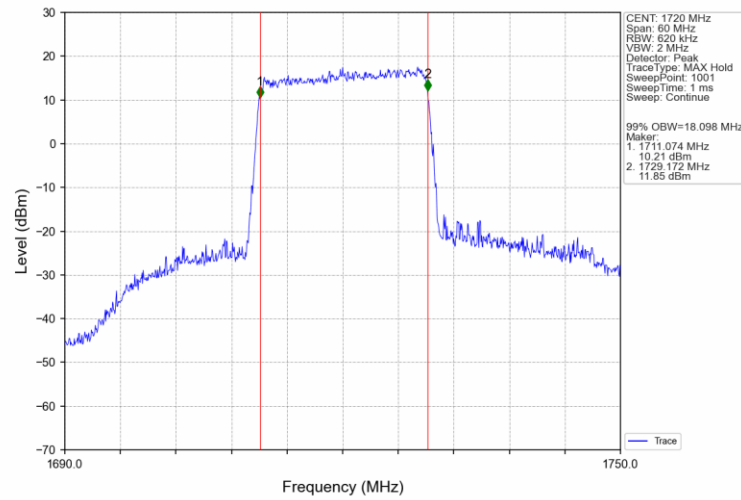
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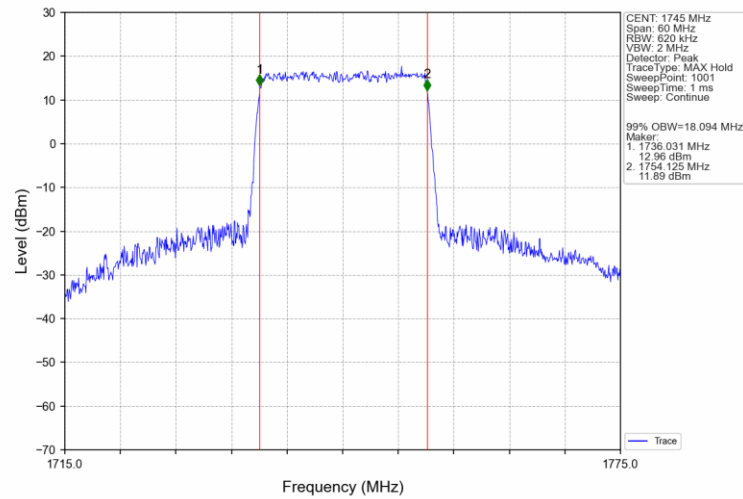
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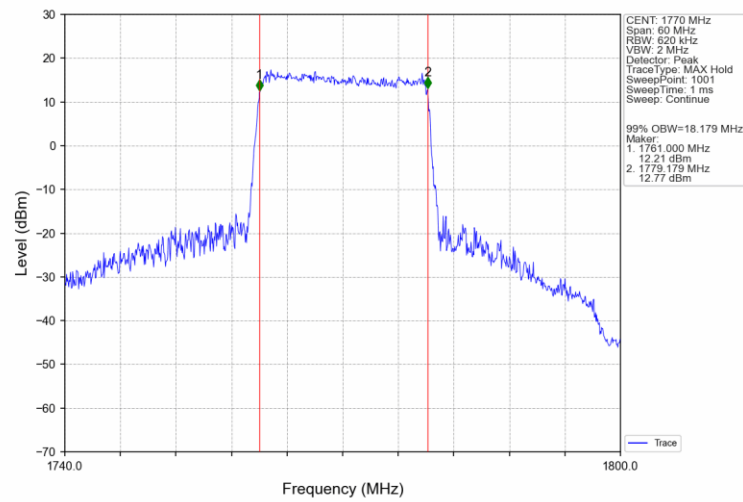
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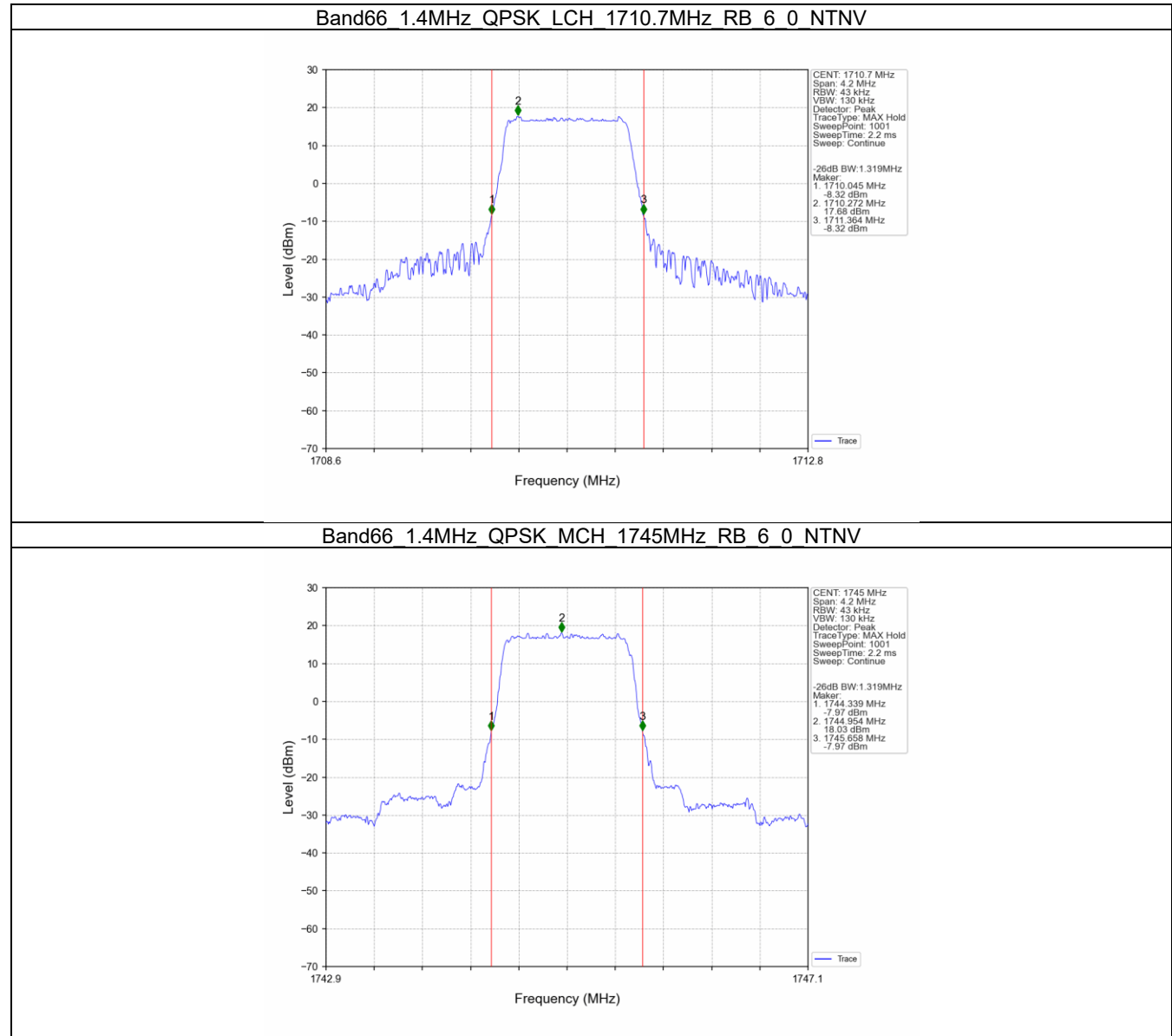
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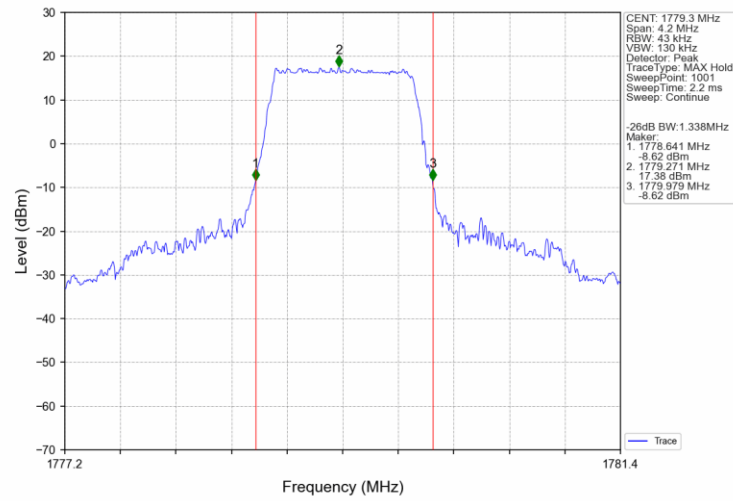
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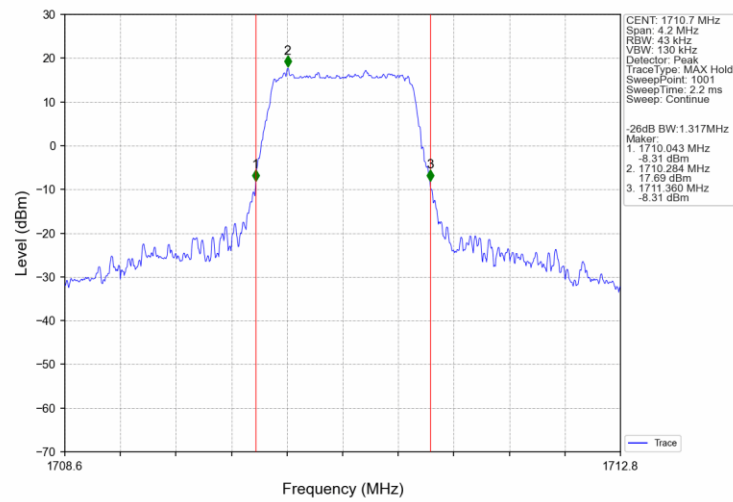
4.2.2 Band66_XDB



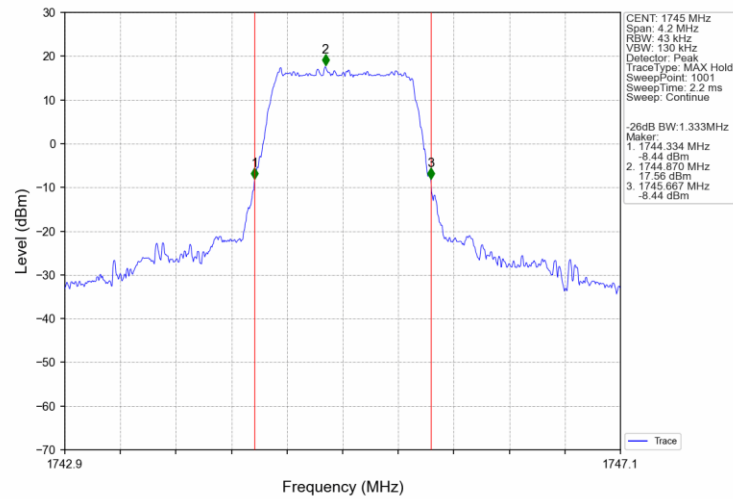
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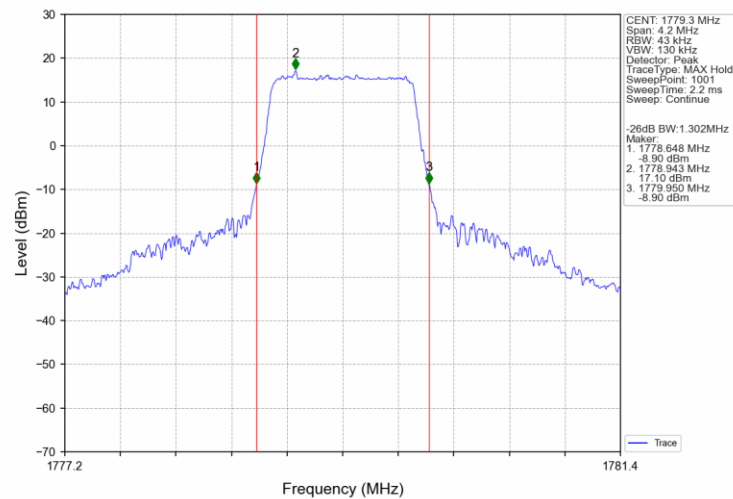
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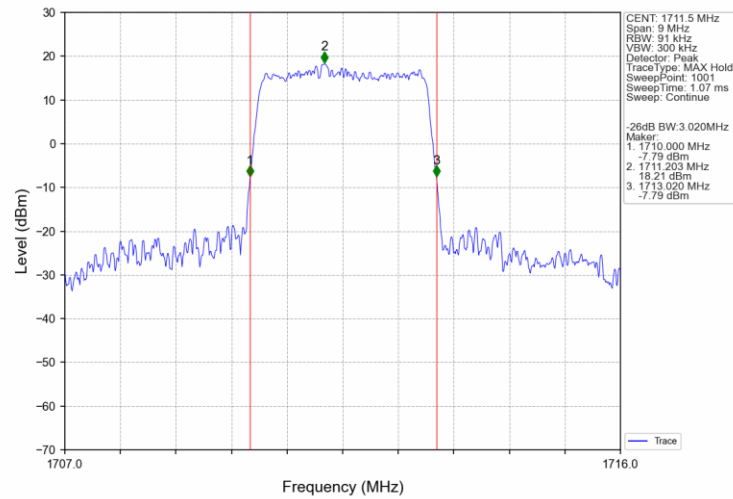
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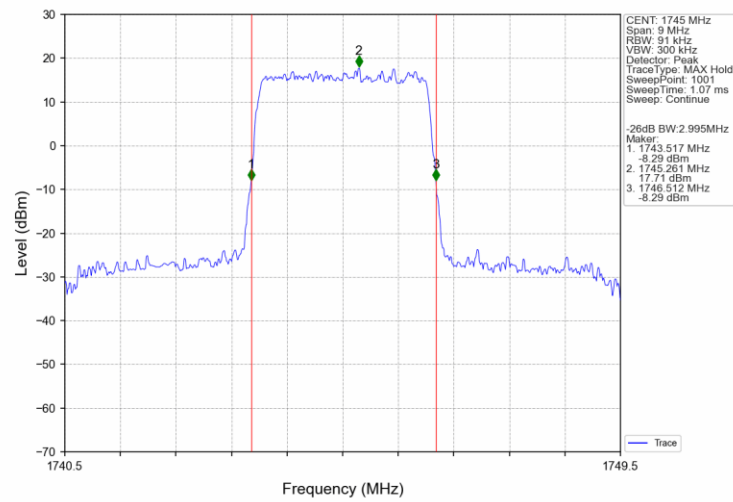
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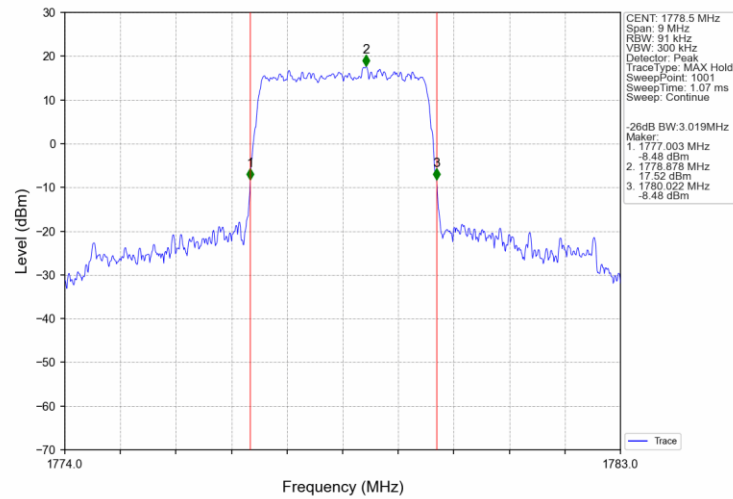
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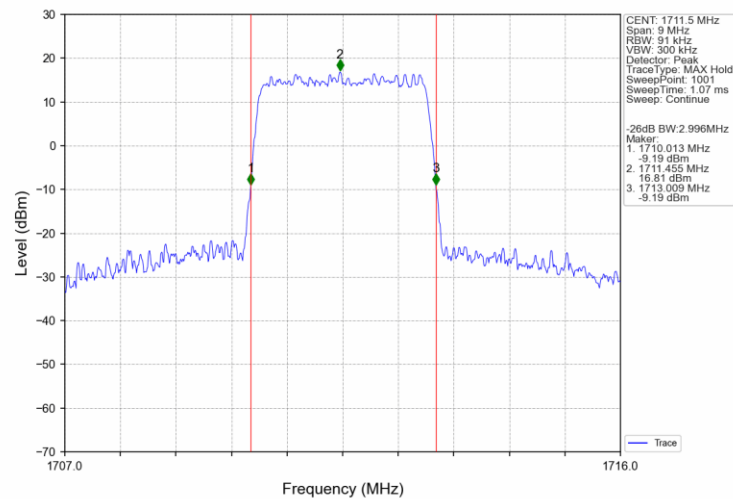
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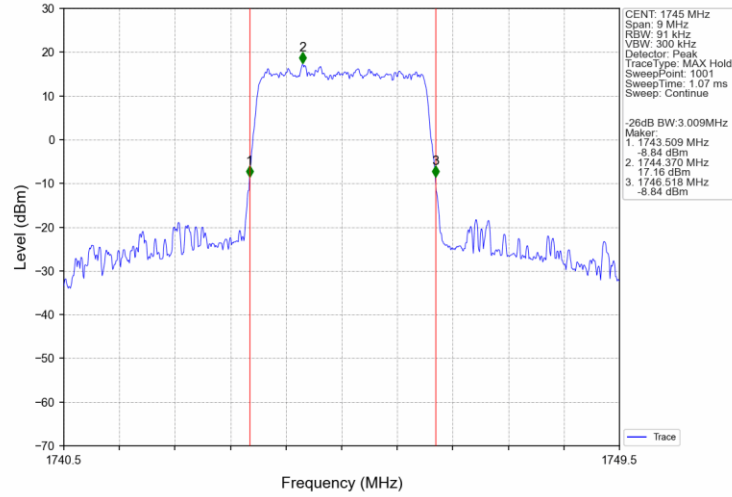
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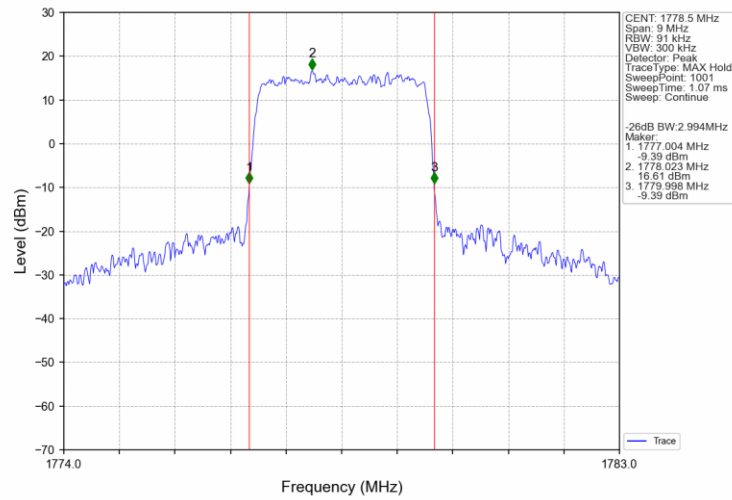
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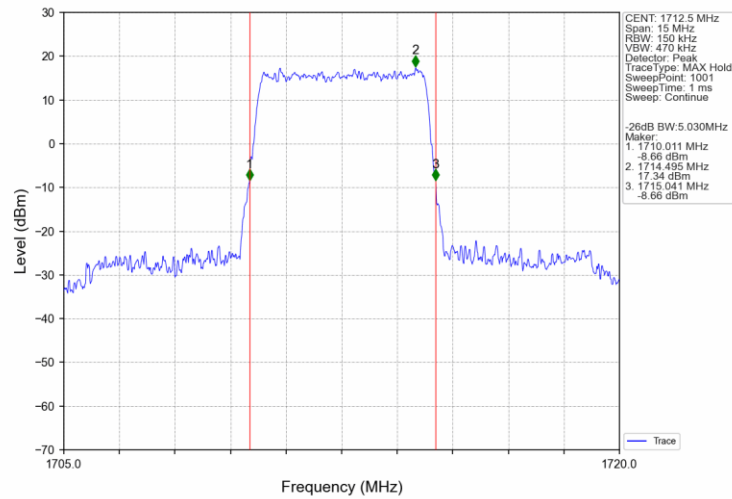
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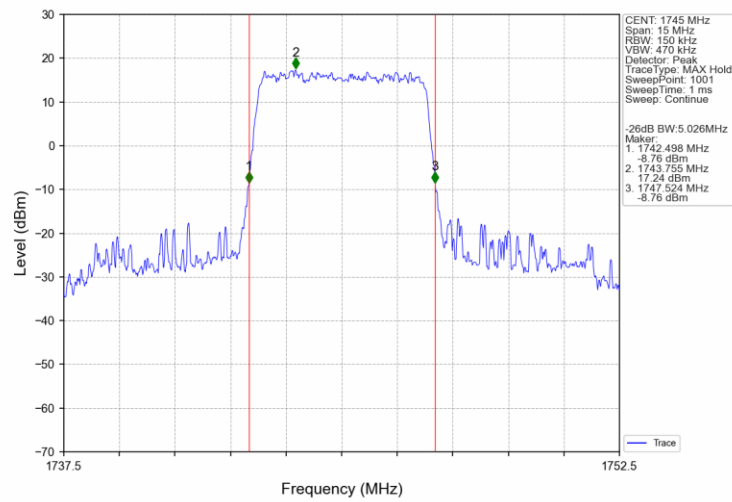
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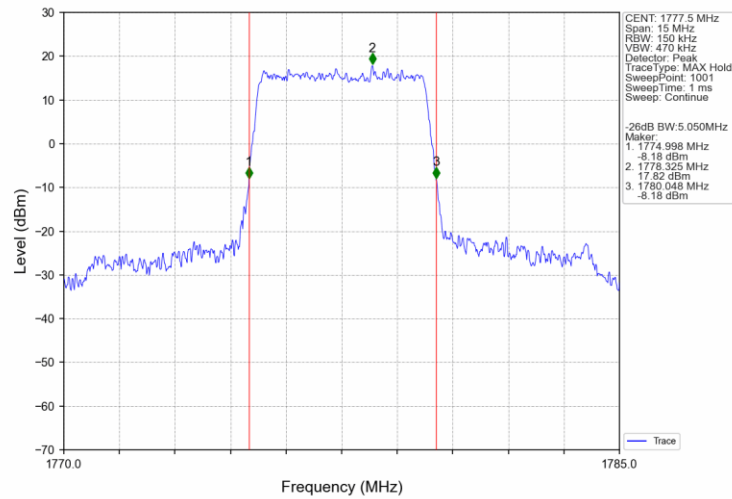
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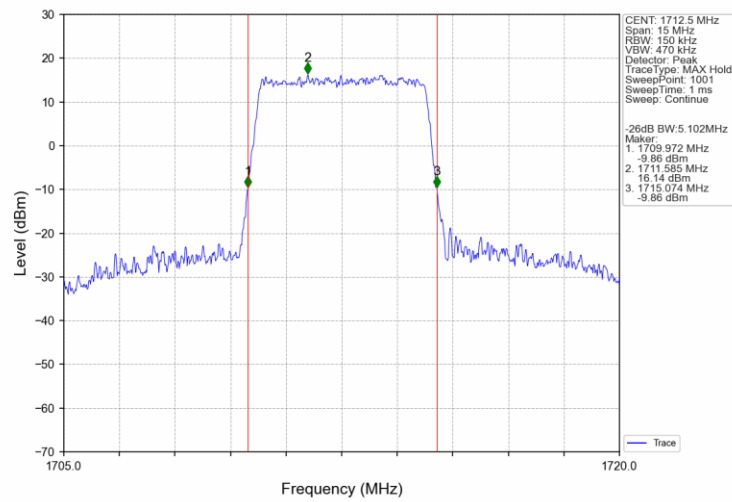
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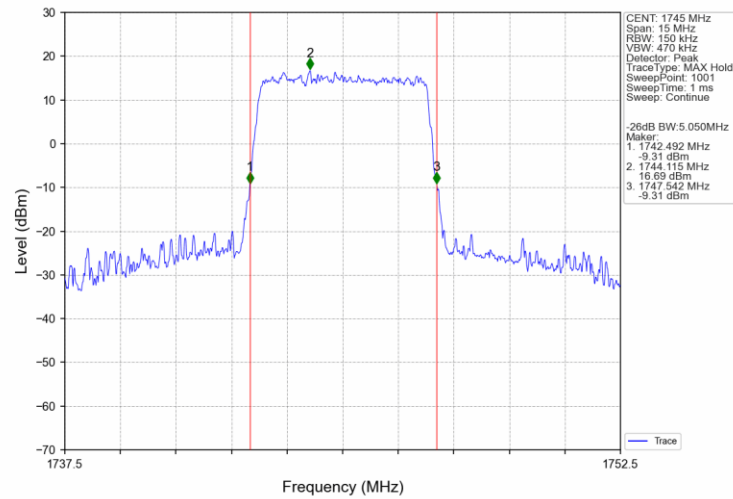
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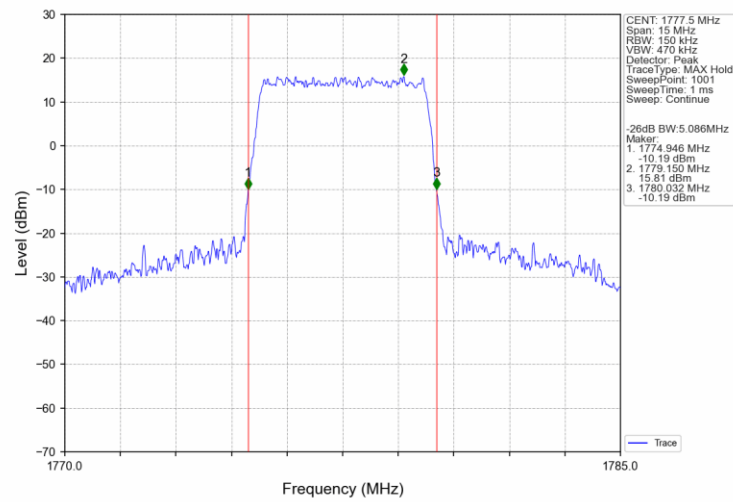
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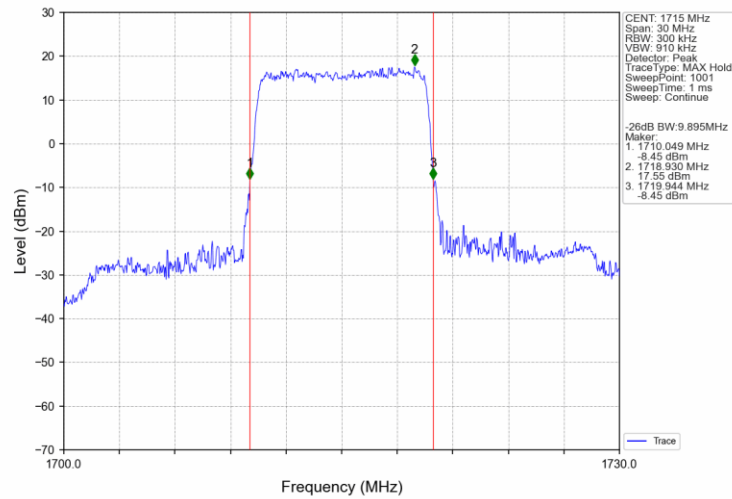
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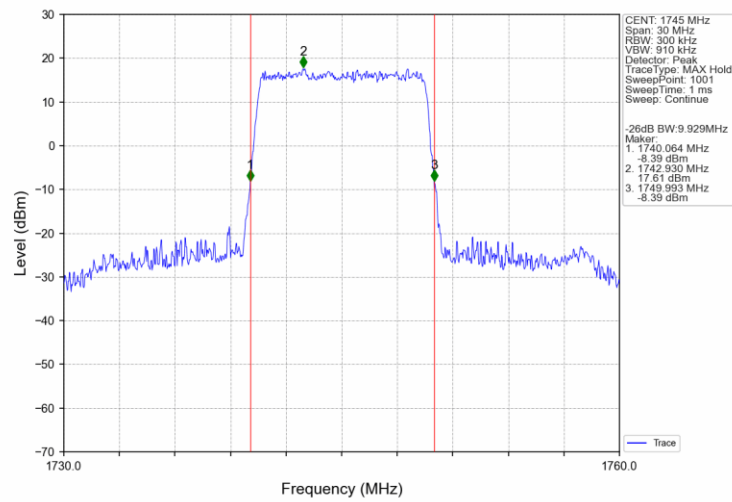
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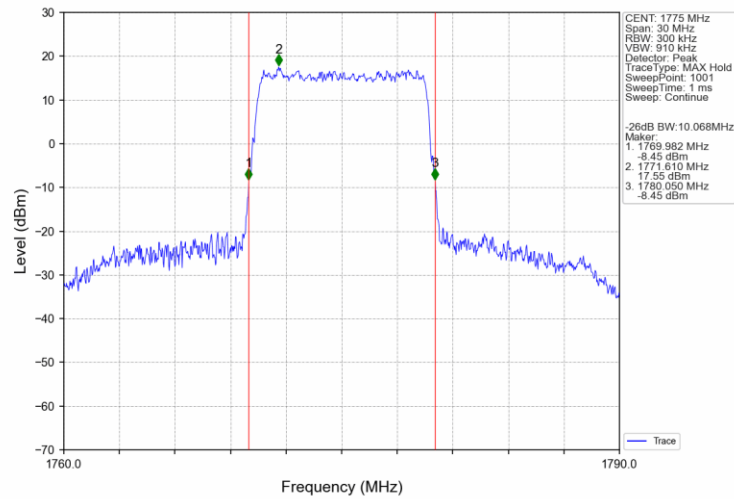
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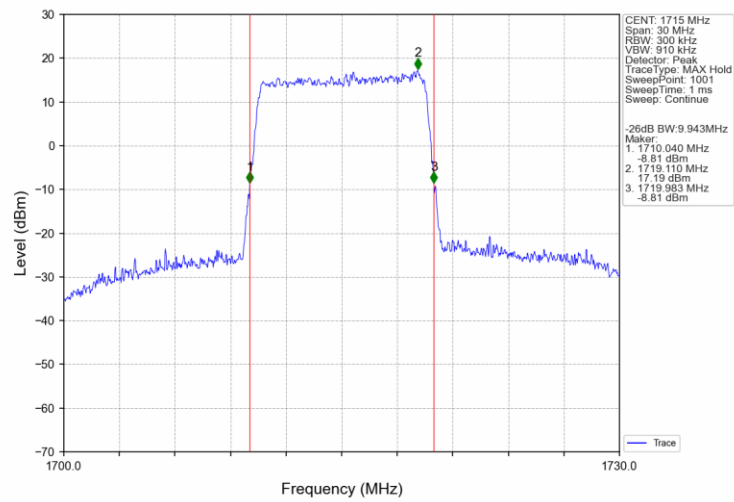
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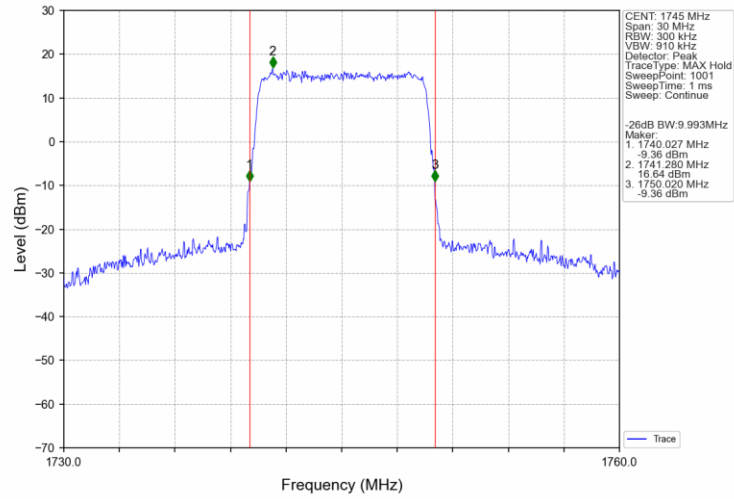
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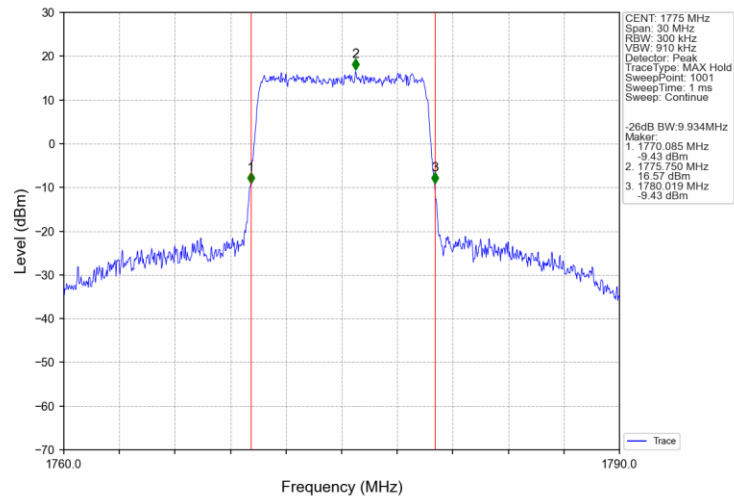
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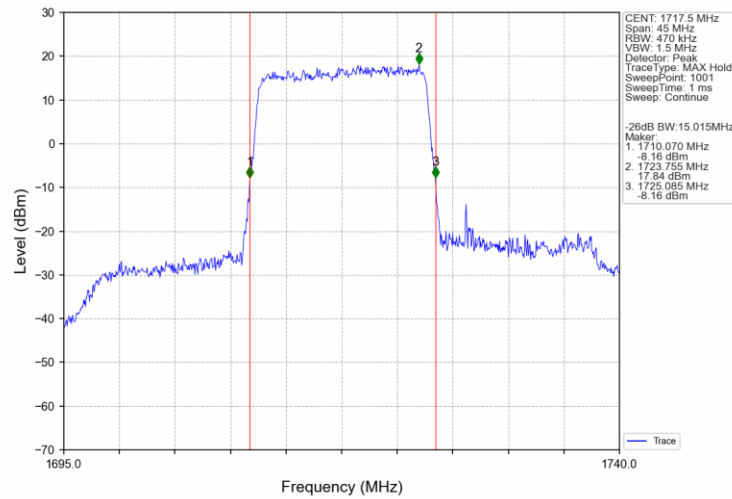
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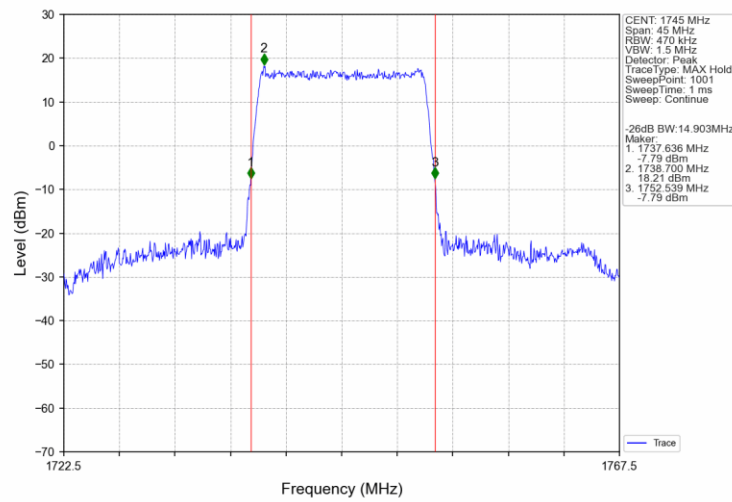
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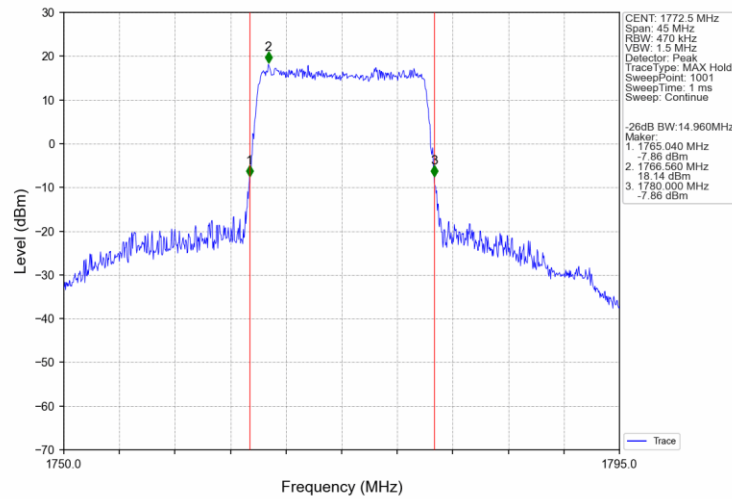
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

