

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	22.13	-2.40	19.73	<=30	Pass
			2	22.16	-2.40	19.76	<=30	Pass
			5	22.11	-2.40	19.71	<=30	Pass
		3	0	22.66	-2.40	20.26	<=30	Pass
			2	22.68	-2.40	20.28	<=30	Pass
			3	22.67	-2.40	20.27	<=30	Pass
		6	0	21.63	-2.40	19.23	<=30	Pass
	1745	1	0	22.15	-2.40	19.75	<=30	Pass
			2	22.19	-2.40	19.79	<=30	Pass
			5	22.12	-2.40	19.72	<=30	Pass
		3	0	22.65	-2.40	20.25	<=30	Pass
			2	22.61	-2.40	20.21	<=30	Pass
			3	22.60	-2.40	20.20	<=30	Pass
		6	0	21.61	-2.40	19.21	<=30	Pass
	1779.3	1	0	22.13	-2.40	19.73	<=30	Pass
			2	22.12	-2.40	19.72	<=30	Pass
			5	22.08	-2.40	19.68	<=30	Pass
		3	0	22.65	-2.40	20.25	<=30	Pass
			2	22.66	-2.40	20.26	<=30	Pass
			3	22.66	-2.40	20.26	<=30	Pass
		6	0	21.65	-2.40	19.25	<=30	Pass
16QAM	1710.7	1	0	21.45	-2.40	19.05	<=30	Pass
			2	21.49	-2.40	19.09	<=30	Pass
			5	21.48	-2.40	19.08	<=30	Pass
		3	0	21.67	-2.40	19.27	<=30	Pass
			2	21.67	-2.40	19.27	<=30	Pass
			3	21.68	-2.40	19.28	<=30	Pass
		6	0	20.64	-2.40	18.24	<=30	Pass
	1745	1	0	21.07	-2.40	18.67	<=30	Pass
			2	21.10	-2.40	18.70	<=30	Pass
			5	21.07	-2.40	18.67	<=30	Pass
		3	0	21.42	-2.40	19.02	<=30	Pass
			2	21.40	-2.40	19.00	<=30	Pass
			3	21.39	-2.40	18.99	<=30	Pass
		6	0	20.62	-2.40	18.22	<=30	Pass
	1779.3	1	0	21.20	-2.40	18.80	<=30	Pass
			2	21.21	-2.40	18.81	<=30	Pass
			5	21.21	-2.40	18.81	<=30	Pass
		3	0	21.75	-2.40	19.35	<=30	Pass
			2	21.74	-2.40	19.34	<=30	Pass
			3	21.74	-2.40	19.34	<=30	Pass
		6	0	20.73	-2.40	18.33	<=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	22.14	-2.40	19.74	<=30	Pass
			7	22.14	-2.40	19.74	<=30	Pass
			14	22.16	-2.40	19.76	<=30	Pass
		8	0	21.58	-2.40	19.18	<=30	Pass
			4	21.59	-2.40	19.19	<=30	Pass
			7	21.63	-2.40	19.23	<=30	Pass
		15	0	21.61	-2.40	19.21	<=30	Pass
	1745	1	0	22.12	-2.40	19.72	<=30	Pass
			7	22.10	-2.40	19.70	<=30	Pass
			14	22.11	-2.40	19.71	<=30	Pass
		8	0	21.55	-2.40	19.15	<=30	Pass
			4	21.50	-2.40	19.10	<=30	Pass
			7	21.48	-2.40	19.08	<=30	Pass
		15	0	21.51	-2.40	19.11	<=30	Pass
	1778.5	1	0	22.09	-2.40	19.69	<=30	Pass
			7	22.07	-2.40	19.67	<=30	Pass
			14	22.06	-2.40	19.66	<=30	Pass
		8	0	21.61	-2.40	19.21	<=30	Pass
			4	21.59	-2.40	19.19	<=30	Pass
			7	21.60	-2.40	19.20	<=30	Pass
		15	0	21.62	-2.40	19.22	<=30	Pass
16QAM	1711.5	1	0	21.42	-2.40	19.02	<=30	Pass
			7	21.45	-2.40	19.05	<=30	Pass
			14	21.53	-2.40	19.13	<=30	Pass
		8	0	20.62	-2.40	18.22	<=30	Pass
			4	20.64	-2.40	18.24	<=30	Pass
			7	20.65	-2.40	18.25	<=30	Pass
		15	0	20.65	-2.40	18.25	<=30	Pass
	1745	1	0	21.00	-2.40	18.60	<=30	Pass
			7	21.02	-2.40	18.62	<=30	Pass
			14	20.99	-2.40	18.59	<=30	Pass
		8	0	20.53	-2.40	18.13	<=30	Pass
			4	20.48	-2.40	18.08	<=30	Pass
			7	20.45	-2.40	18.05	<=30	Pass
		15	0	20.55	-2.40	18.15	<=30	Pass
	1778.5	1	0	21.13	-2.40	18.73	<=30	Pass
			7	21.17	-2.40	18.77	<=30	Pass
			14	21.13	-2.40	18.73	<=30	Pass
		8	0	20.61	-2.40	18.21	<=30	Pass
			4	20.59	-2.40	18.19	<=30	Pass
			7	20.60	-2.40	18.20	<=30	Pass
		15	0	20.57	-2.40	18.17	<=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	22.14	-2.40	19.74	<=30	Pass
			13	22.17	-2.40	19.77	<=30	Pass
			24	22.21	-2.40	19.81	<=30	Pass
		12	0	21.59	-2.40	19.19	<=30	Pass
			6	21.64	-2.40	19.24	<=30	Pass
			13	21.64	-2.40	19.24	<=30	Pass
		25	0	21.64	-2.40	19.24	<=30	Pass
	1745	1	0	22.09	-2.40	19.69	<=30	Pass
			13	22.05	-2.40	19.65	<=30	Pass

16QAM	1777.5	12	24	22.04	-2.40	19.64	<=30	Pass
			0	21.58	-2.40	19.18	<=30	Pass
			6	21.57	-2.40	19.17	<=30	Pass
			13	21.48	-2.40	19.08	<=30	Pass
		25	0	21.55	-2.40	19.15	<=30	Pass
	1777.5	1	0	22.13	-2.40	19.73	<=30	Pass
			13	22.12	-2.40	19.72	<=30	Pass
			24	22.16	-2.40	19.76	<=30	Pass
		12	0	21.65	-2.40	19.25	<=30	Pass
			6	21.61	-2.40	19.21	<=30	Pass
			13	21.61	-2.40	19.21	<=30	Pass
		25	0	21.63	-2.40	19.23	<=30	Pass
			0	21.04	-2.40	18.64	<=30	Pass
			13	21.10	-2.40	18.70	<=30	Pass
			24	21.12	-2.40	18.72	<=30	Pass
	1712.5	1	0	20.63	-2.40	18.23	<=30	Pass
			6	20.68	-2.40	18.28	<=30	Pass
			13	20.69	-2.40	18.29	<=30	Pass
		12	0	20.74	-2.40	18.34	<=30	Pass
			0	21.49	-2.40	19.09	<=30	Pass
			13	21.48	-2.40	19.08	<=30	Pass
			24	21.43	-2.40	19.03	<=30	Pass
		25	0	20.58	-2.40	18.18	<=30	Pass
			6	20.56	-2.40	18.16	<=30	Pass
			13	20.46	-2.40	18.06	<=30	Pass
	1745	1	0	20.52	-2.40	18.12	<=30	Pass
			0	21.18	-2.40	18.78	<=30	Pass
			13	21.22	-2.40	18.82	<=30	Pass
		12	24	21.24	-2.40	18.84	<=30	Pass
			0	20.63	-2.40	18.23	<=30	Pass
			6	20.61	-2.40	18.21	<=30	Pass
			13	20.63	-2.40	18.23	<=30	Pass
		25	0	20.59	-2.40	18.19	<=30	Pass
			0	21.18	-2.40	18.78	<=30	Pass
			13	21.22	-2.40	18.82	<=30	Pass
			24	21.24	-2.40	18.84	<=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	22.09	-2.40	19.69	<=30	Pass
			25	22.24	-2.40	19.84	<=30	Pass
			49	22.17	-2.40	19.77	<=30	Pass
		25	0	21.61	-2.40	19.21	<=30	Pass
			13	21.65	-2.40	19.25	<=30	Pass
			25	21.78	-2.40	19.38	<=30	Pass
		50	0	21.68	-2.40	19.28	<=30	Pass
			0	22.16	-2.40	19.76	<=30	Pass
			25	22.15	-2.40	19.75	<=30	Pass
	1745	1	49	22.02	-2.40	19.62	<=30	Pass
			0	21.63	-2.40	19.23	<=30	Pass
			13	21.55	-2.40	19.15	<=30	Pass
		25	25	21.57	-2.40	19.17	<=30	Pass
			0	21.64	-2.40	19.24	<=30	Pass
			0	21.97	-2.40	19.57	<=30	Pass
		1	25	22.10	-2.40	19.70	<=30	Pass
			49	22.07	-2.40	19.67	<=30	Pass
			0	21.59	-2.40	19.19	<=30	Pass

16QAM	1715	50	13	21.63	-2.40	19.23	<=30	Pass
			25	21.67	-2.40	19.27	<=30	Pass
			0	21.67	-2.40	19.27	<=30	Pass
		1	0	21.44	-2.40	19.04	<=30	Pass
			25	21.56	-2.40	19.16	<=30	Pass
			49	21.53	-2.40	19.13	<=30	Pass
		25	0	20.60	-2.40	18.20	<=30	Pass
			13	20.67	-2.40	18.27	<=30	Pass
			25	20.75	-2.40	18.35	<=30	Pass
		50	0	20.69	-2.40	18.29	<=30	Pass
	1745	1	0	21.02	-2.40	18.62	<=30	Pass
			25	21.04	-2.40	18.64	<=30	Pass
			49	20.91	-2.40	18.51	<=30	Pass
		25	0	20.65	-2.40	18.25	<=30	Pass
			13	20.59	-2.40	18.19	<=30	Pass
			25	20.62	-2.40	18.22	<=30	Pass
		50	0	20.61	-2.40	18.21	<=30	Pass
	1775	1	0	21.03	-2.40	18.63	<=30	Pass
			25	21.14	-2.40	18.74	<=30	Pass
			49	21.12	-2.40	18.72	<=30	Pass
		25	0	20.62	-2.40	18.22	<=30	Pass
			13	20.62	-2.40	18.22	<=30	Pass
			25	20.71	-2.40	18.31	<=30	Pass
		50	0	20.62	-2.40	18.22	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.04	-2.40	19.64	<=30	Pass
			38	22.16	-2.40	19.76	<=30	Pass
			74	22.09	-2.40	19.69	<=30	Pass
		36	0	21.50	-2.40	19.10	<=30	Pass
			18	21.61	-2.40	19.21	<=30	Pass
			39	21.70	-2.40	19.30	<=30	Pass
		75	0	21.67	-2.40	19.27	<=30	Pass
	1745	1	0	22.15	-2.40	19.75	<=30	Pass
			38	22.10	-2.40	19.70	<=30	Pass
			74	21.92	-2.40	19.52	<=30	Pass
		36	0	21.56	-2.40	19.16	<=30	Pass
			18	21.54	-2.40	19.14	<=30	Pass
			39	21.47	-2.40	19.07	<=30	Pass
		75	0	21.60	-2.40	19.20	<=30	Pass
	1772.5	1	0	21.90	-2.40	19.50	<=30	Pass
			38	22.04	-2.40	19.64	<=30	Pass
			74	22.01	-2.40	19.61	<=30	Pass
		36	0	21.54	-2.40	19.14	<=30	Pass
			18	21.59	-2.40	19.19	<=30	Pass
			39	21.62	-2.40	19.22	<=30	Pass
		75	0	21.62	-2.40	19.22	<=30	Pass
16QAM	1717.5	1	0	21.00	-2.40	18.60	<=30	Pass
			38	21.10	-2.40	18.70	<=30	Pass
			74	21.04	-2.40	18.64	<=30	Pass
		36	0	20.54	-2.40	18.14	<=30	Pass
			18	20.65	-2.40	18.25	<=30	Pass
			39	20.69	-2.40	18.29	<=30	Pass

	1745	75	0	20.67	-2.40	18.27	<=30	Pass
		1	0	21.04	-2.40	18.64	<=30	Pass
			38	21.02	-2.40	18.62	<=30	Pass
			74	20.81	-2.40	18.41	<=30	Pass
		36	0	20.58	-2.40	18.18	<=30	Pass
			18	20.53	-2.40	18.13	<=30	Pass
			39	20.49	-2.40	18.09	<=30	Pass
		75	0	20.56	-2.40	18.16	<=30	Pass
	1772.5	1	0	20.95	-2.40	18.55	<=30	Pass
			38	21.10	-2.40	18.70	<=30	Pass
			74	21.07	-2.40	18.67	<=30	Pass
		36	0	20.55	-2.40	18.15	<=30	Pass
			18	20.54	-2.40	18.14	<=30	Pass
			39	20.63	-2.40	18.23	<=30	Pass
		75	0	20.62	-2.40	18.22	<=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	21.99	-2.40	19.59	<=30	Pass
			50	22.22	-2.40	19.82	<=30	Pass
			99	22.18	-2.40	19.78	<=30	Pass
		50	0	21.48	-2.40	19.08	<=30	Pass
			25	21.74	-2.40	19.34	<=30	Pass
			50	21.84	-2.40	19.44	<=30	Pass
		100	0	21.69	-2.40	19.29	<=30	Pass
	1745	1	0	22.08	-2.40	19.68	<=30	Pass
			50	22.10	-2.40	19.70	<=30	Pass
			99	21.88	-2.40	19.48	<=30	Pass
		50	0	21.68	-2.40	19.28	<=30	Pass
			25	21.62	-2.40	19.22	<=30	Pass
			50	21.61	-2.40	19.21	<=30	Pass
		100	0	21.65	-2.40	19.25	<=30	Pass
	1770	1	0	21.82	-2.40	19.42	<=30	Pass
			50	22.08	-2.40	19.68	<=30	Pass
			99	22.02	-2.40	19.62	<=30	Pass
		50	0	21.58	-2.40	19.18	<=30	Pass
			25	21.53	-2.40	19.13	<=30	Pass
			50	21.64	-2.40	19.24	<=30	Pass
		100	0	21.63	-2.40	19.23	<=30	Pass
16QAM	1720	1	0	21.04	-2.40	18.64	<=30	Pass
			50	21.22	-2.40	18.82	<=30	Pass
			99	21.19	-2.40	18.79	<=30	Pass
		50	0	20.42	-2.40	18.02	<=30	Pass
			25	20.65	-2.40	18.25	<=30	Pass
			50	20.78	-2.40	18.38	<=30	Pass
		100	0	20.67	-2.40	18.27	<=30	Pass
	1745	1	0	20.92	-2.40	18.52	<=30	Pass
			50	20.94	-2.40	18.54	<=30	Pass
			99	20.71	-2.40	18.31	<=30	Pass
		50	0	20.64	-2.40	18.24	<=30	Pass
			25	20.59	-2.40	18.19	<=30	Pass
			50	20.58	-2.40	18.18	<=30	Pass
		100	0	20.63	-2.40	18.23	<=30	Pass
	1770	1	0	21.23	-2.40	18.83	<=30	Pass

			50	21.46	-2.40	19.06	<=30	Pass
			99	21.44	-2.40	19.04	<=30	Pass
		50	0	20.58	-2.40	18.18	<=30	Pass
			25	20.53	-2.40	18.13	<=30	Pass
			50	20.63	-2.40	18.23	<=30	Pass
		100	0	20.60	-2.40	18.20	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-6.123	-0.0036	-2.5 to 2.5	Pass
					3.85	2.017	0.0012	-2.5 to 2.5	Pass
					4.43	10.200	0.0060	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				0	3.85	3.734	0.0022	-2.5 to 2.5	Pass
				10	3.85	7.296	0.0043	-2.5 to 2.5	Pass
				30	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				40	3.85	6.909	0.0040	-2.5 to 2.5	Pass
				50	3.85	4.363	0.0026	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	2.804	0.0016	-2.5 to 2.5	Pass
					3.85	7.195	0.0041	-2.5 to 2.5	Pass
					4.43	7.739	0.0044	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	4.592	0.0026	-2.5 to 2.5	Pass
				-10	3.85	11.215	0.0064	-2.5 to 2.5	Pass
				0	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				10	3.85	10.157	0.0058	-2.5 to 2.5	Pass
				30	3.85	4.363	0.0025	-2.5 to 2.5	Pass
				40	3.85	3.862	0.0022	-2.5 to 2.5	Pass
				50	3.85	4.449	0.0025	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	1.445	0.0008	-2.5 to 2.5	Pass
					3.85	8.941	0.0050	-2.5 to 2.5	Pass
					4.43	11.802	0.0066	-2.5 to 2.5	Pass
				-30	3.85	8.669	0.0049	-2.5 to 2.5	Pass
				-20	3.85	3.262	0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.390	0.0019	-2.5 to 2.5	Pass
				0	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				30	3.85	4.306	0.0024	-2.5 to 2.5	Pass
				40	3.85	9.570	0.0054	-2.5 to 2.5	Pass
				50	3.85	3.033	0.0017	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	7.639	0.0045	-2.5 to 2.5	Pass
					3.85	8.798	0.0051	-2.5 to 2.5	Pass
					4.43	11.473	0.0067	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass

				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-14.362	-0.0084	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.287	0.0008	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	3.290	0.0019	-2.5 to 2.5	Pass
					3.85	7.238	0.0041	-2.5 to 2.5	Pass
					4.43	1.888	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				-20	3.85	6.866	0.0039	-2.5 to 2.5	Pass
				-10	3.85	5.193	0.0030	-2.5 to 2.5	Pass
				0	3.85	15.364	0.0088	-2.5 to 2.5	Pass
				10	3.85	12.317	0.0071	-2.5 to 2.5	Pass
				30	3.85	8.025	0.0046	-2.5 to 2.5	Pass
				40	3.85	5.908	0.0034	-2.5 to 2.5	Pass
				50	3.85	5.522	0.0032	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	2.360	0.0013	-2.5 to 2.5	Pass
					3.85	2.260	0.0013	-2.5 to 2.5	Pass
					4.43	2.732	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.941	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	4.077	0.0023	-2.5 to 2.5	Pass
				-10	3.85	5.794	0.0033	-2.5 to 2.5	Pass
				0	3.85	9.770	0.0055	-2.5 to 2.5	Pass
				10	3.85	3.891	0.0022	-2.5 to 2.5	Pass
				30	3.85	7.081	0.0040	-2.5 to 2.5	Pass
				40	3.85	7.997	0.0045	-2.5 to 2.5	Pass
				50	3.85	9.627	0.0054	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-6.280	-0.0037	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	2.189	0.0013	-2.5 to 2.5	Pass
				-30	3.85	8.240	0.0048	-2.5 to 2.5	Pass
				-20	3.85	5.064	0.0030	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				0	3.85	4.292	0.0025	-2.5 to 2.5	Pass
				10	3.85	11.687	0.0068	-2.5 to 2.5	Pass
				30	3.85	6.223	0.0036	-2.5 to 2.5	Pass
				40	3.85	7.439	0.0043	-2.5 to 2.5	Pass
				50	3.85	6.895	0.0040	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	5.579	0.0032	-2.5 to 2.5	Pass
					3.85	7.081	0.0041	-2.5 to 2.5	Pass
					4.43	3.519	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	4.191	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-16.723	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.85	8.111	0.0046	-2.5 to 2.5	Pass
				30	3.85	8.726	0.0050	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				50	3.85	6.666	0.0038	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	2.332	0.0013	-2.5 to 2.5	Pass
					3.85	4.520	0.0025	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0019	-2.5 to 2.5	Pass



				-30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				0	3.85	7.482	0.0042	-2.5 to 2.5	Pass
				10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				50	3.85	2.089	0.0012	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	9.012	0.0053	-2.5 to 2.5	Pass
					3.85	8.025	0.0047	-2.5 to 2.5	Pass
					4.43	6.695	0.0039	-2.5 to 2.5	Pass
				-30	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				-20	3.85	7.982	0.0047	-2.5 to 2.5	Pass
				-10	3.85	9.584	0.0056	-2.5 to 2.5	Pass
				0	3.85	-10.386	-0.0061	-2.5 to 2.5	Pass
				10	3.85	2.117	0.0012	-2.5 to 2.5	Pass
	1745	15	0	30	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				50	3.85	7.095	0.0041	-2.5 to 2.5	Pass
				20	3.27	4.263	0.0024	-2.5 to 2.5	Pass
					3.85	4.721	0.0027	-2.5 to 2.5	Pass
					4.43	11.101	0.0064	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				-20	3.85	6.380	0.0037	-2.5 to 2.5	Pass
	1778.5	15	0	-10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				0	3.85	11.230	0.0064	-2.5 to 2.5	Pass
				10	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	10.901	0.0062	-2.5 to 2.5	Pass
				20	3.27	10.042	0.0056	-2.5 to 2.5	Pass
					3.85	2.303	0.0013	-2.5 to 2.5	Pass
					4.43	6.509	0.0037	-2.5 to 2.5	Pass
				-30	3.85	2.718	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0035	-2.5 to 2.5	Pass
				0	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	11.272	0.0063	-2.5 to 2.5	Pass
				50	3.85	2.518	0.0014	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	2.890	0.0017	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	2.503	0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0023	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				0	3.85	9.212	0.0054	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				40	3.85	7.453	0.0044	-2.5 to 2.5	Pass
				50	3.85	6.366	0.0037	-2.5 to 2.5	Pass

	1745	25	0	20	3.27	6.194	0.0035	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	6.623	0.0038	-2.5 to 2.5	Pass
				-30	3.85	8.397	0.0048	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	3.319	0.0019	-2.5 to 2.5	Pass
				30	3.85	3.834	0.0022	-2.5 to 2.5	Pass
				40	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	1.574	0.0009	-2.5 to 2.5	Pass
					3.85	4.578	0.0026	-2.5 to 2.5	Pass
					4.43	4.334	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				10	3.85	4.778	0.0027	-2.5 to 2.5	Pass
				30	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				40	3.85	4.735	0.0027	-2.5 to 2.5	Pass
				50	3.85	2.046	0.0012	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	5.336	0.0031	-2.5 to 2.5	Pass
					3.85	4.921	0.0029	-2.5 to 2.5	Pass
					4.43	6.881	0.0040	-2.5 to 2.5	Pass
				-30	3.85	2.990	0.0017	-2.5 to 2.5	Pass
				-20	3.85	5.679	0.0033	-2.5 to 2.5	Pass
				-10	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.921	0.0029	-2.5 to 2.5	Pass
				10	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				30	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				40	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	4.764	0.0027	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
					4.43	1.931	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-20	3.85	2.503	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				0	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				30	3.85	5.307	0.0030	-2.5 to 2.5	Pass
				40	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.030	0.0006	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	6.595	0.0037	-2.5 to 2.5	Pass
					3.85	8.197	0.0046	-2.5 to 2.5	Pass
					4.43	2.360	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				0	3.85	7.467	0.0042	-2.5 to 2.5	Pass
				10	3.85	9.084	0.0051	-2.5 to 2.5	Pass
				30	3.85	6.623	0.0037	-2.5 to 2.5	Pass
				40	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				50	3.85	2.575	0.0014	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	2.947	0.0017	-2.5 to 2.5	Pass
					3.85	2.489	0.0015	-2.5 to 2.5	Pass
					4.43	5.665	0.0033	-2.5 to 2.5	Pass
				-30	3.85	4.706	0.0027	-2.5 to 2.5	Pass
				-20	3.85	6.094	0.0036	-2.5 to 2.5	Pass
				-10	3.85	6.123	0.0036	-2.5 to 2.5	Pass
				0	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				10	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				30	3.85	8.526	0.0050	-2.5 to 2.5	Pass
				40	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				50	3.85	3.591	0.0021	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	1.001	0.0006	-2.5 to 2.5	Pass
					4.43	4.907	0.0028	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-20	3.85	5.050	0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				0	3.85	2.832	0.0016	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	6.466	0.0036	-2.5 to 2.5	Pass
					3.85	7.811	0.0044	-2.5 to 2.5	Pass
					4.43	1.531	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-10	3.85	7.925	0.0045	-2.5 to 2.5	Pass
				0	3.85	2.832	0.0016	-2.5 to 2.5	Pass
				10	3.85	7.596	0.0043	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.104	0.0017	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	3.691	0.0022	-2.5 to 2.5	Pass
					3.85	4.721	0.0028	-2.5 to 2.5	Pass
					4.43	4.034	0.0024	-2.5 to 2.5	Pass
				-30	3.85	5.608	0.0033	-2.5 to 2.5	Pass
				-20	3.85	4.306	0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.992	0.0029	-2.5 to 2.5	Pass
				0	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				10	3.85	6.022	0.0035	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				40	3.85	3.719	0.0022	-2.5 to 2.5	Pass
				50	3.85	5.465	0.0032	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					4.43	0.544	0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.048	0.0023	-2.5 to 2.5	Pass
				-20	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass

	1775	50	0	20	3.27	0.558	0.0003	-2.5 to 2.5	Pass
					3.85	2.031	0.0011	-2.5 to 2.5	Pass
					4.43	2.246	0.0013	-2.5 to 2.5	Pass
				-30	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	6.738	0.0038	-2.5 to 2.5	Pass
				0	3.85	3.419	0.0019	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0014	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	0.572	0.0003	-2.5 to 2.5	Pass
					3.85	3.762	0.0022	-2.5 to 2.5	Pass
					4.43	4.005	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.204	0.0019	-2.5 to 2.5	Pass
				0	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				30	3.85	3.819	0.0022	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				50	3.85	3.476	0.0020	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-0.129	-0.0001	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	0.787	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				0	3.85	3.462	0.0020	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-3.047	-0.0017	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	3.448	0.0020	-2.5 to 2.5	Pass
					3.85	6.666	0.0039	-2.5 to 2.5	Pass
					4.43	5.722	0.0033	-2.5 to 2.5	Pass
				-30	3.85	5.121	0.0030	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	5.436	0.0032	-2.5 to 2.5	Pass
				0	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				10	3.85	3.290	0.0019	-2.5 to 2.5	Pass

				30	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				40	3.85	3.061	0.0018	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				20	3.27	2.890	0.0017	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	3.605	0.0021	-2.5 to 2.5	Pass
				-30	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				-20	3.85	5.178	0.0030	-2.5 to 2.5	Pass
				-10	3.85	3.262	0.0019	-2.5 to 2.5	Pass
	1745	75	0	0	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				30	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				40	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				20	3.27	0.730	0.0004	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	1.874	0.0011	-2.5 to 2.5	Pass
	1772.5	75	0	-30	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				30	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	2.003	0.0012	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				0	3.85	4.406	0.0026	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				30	3.85	4.835	0.0028	-2.5 to 2.5	Pass
	1745	100	0	40	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				50	3.85	4.978	0.0029	-2.5 to 2.5	Pass
				20	3.27	2.289	0.0013	-2.5 to 2.5	Pass
					3.85	5.379	0.0031	-2.5 to 2.5	Pass
					4.43	8.240	0.0047	-2.5 to 2.5	Pass
				-30	3.85	4.964	0.0028	-2.5 to 2.5	Pass
				-20	3.85	6.537	0.0037	-2.5 to 2.5	Pass
				-10	3.85	5.450	0.0031	-2.5 to 2.5	Pass
				0	3.85	6.895	0.0040	-2.5 to 2.5	Pass
	1770	100	0	10	3.85	6.123	0.0035	-2.5 to 2.5	Pass
				30	3.85	5.264	0.0030	-2.5 to 2.5	Pass
				40	3.85	10.471	0.0060	-2.5 to 2.5	Pass
				50	3.85	5.965	0.0034	-2.5 to 2.5	Pass
				20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass

16QAM				-10	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
	1720	100	0	50	3.85	-5.565	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-3.676	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.85	4.106	0.0024	-2.5 to 2.5	Pass
				10	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				30	3.85	1.502	0.0009	-2.5 to 2.5	Pass
	1745	100	0	40	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				50	3.85	3.362	0.0020	-2.5 to 2.5	Pass
				20	3.27	4.077	0.0023	-2.5 to 2.5	Pass
					3.85	6.580	0.0038	-2.5 to 2.5	Pass
					4.43	5.236	0.0030	-2.5 to 2.5	Pass
				-30	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.007	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.091	0.0023	-2.5 to 2.5	Pass
	1770	100	0	30	3.85	4.320	0.0025	-2.5 to 2.5	Pass
				40	3.85	4.034	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				20	3.27	-4.249	-0.0024	-2.5 to 2.5	Pass
					3.85	-7.281	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0033	-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					
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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

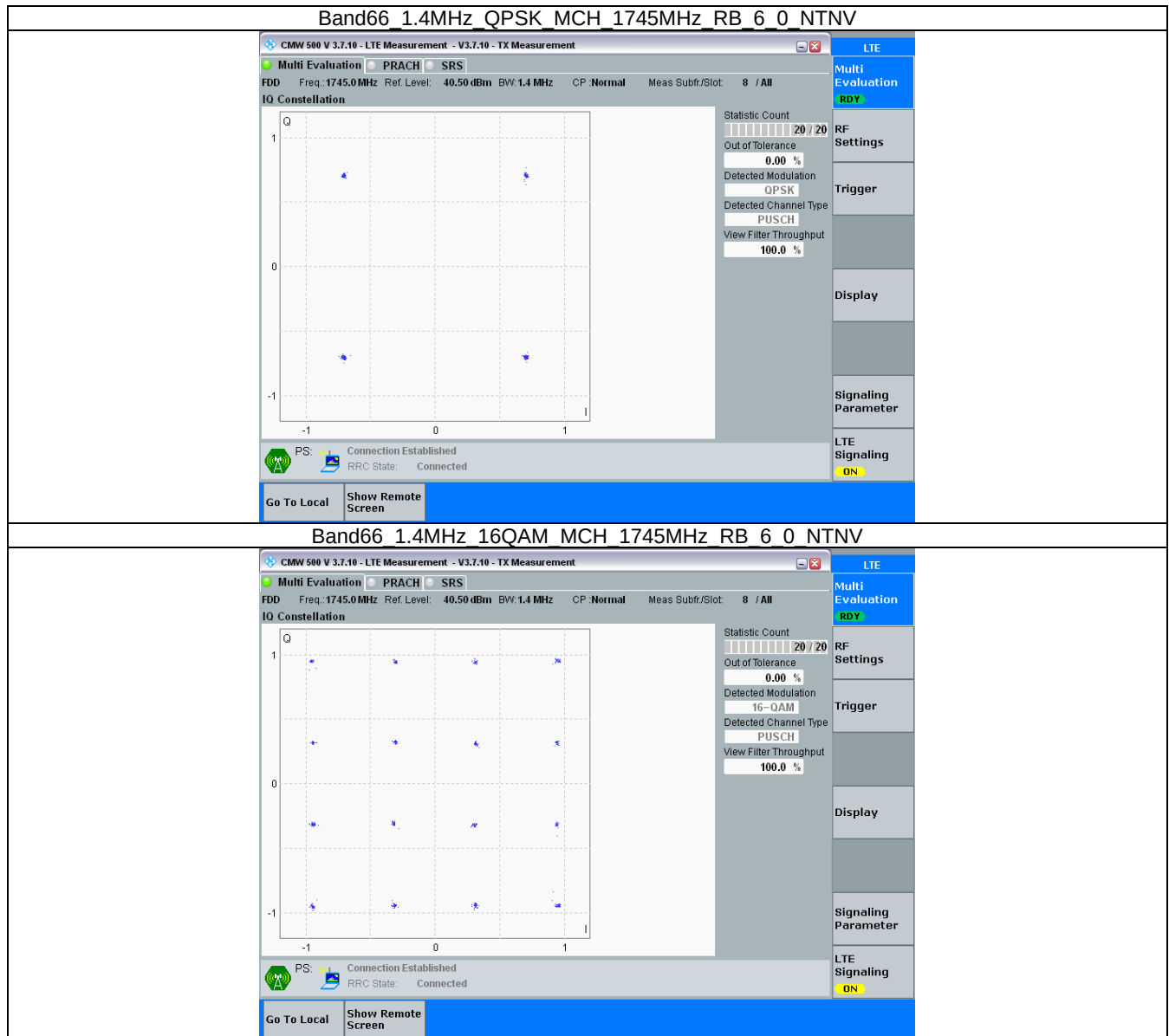
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

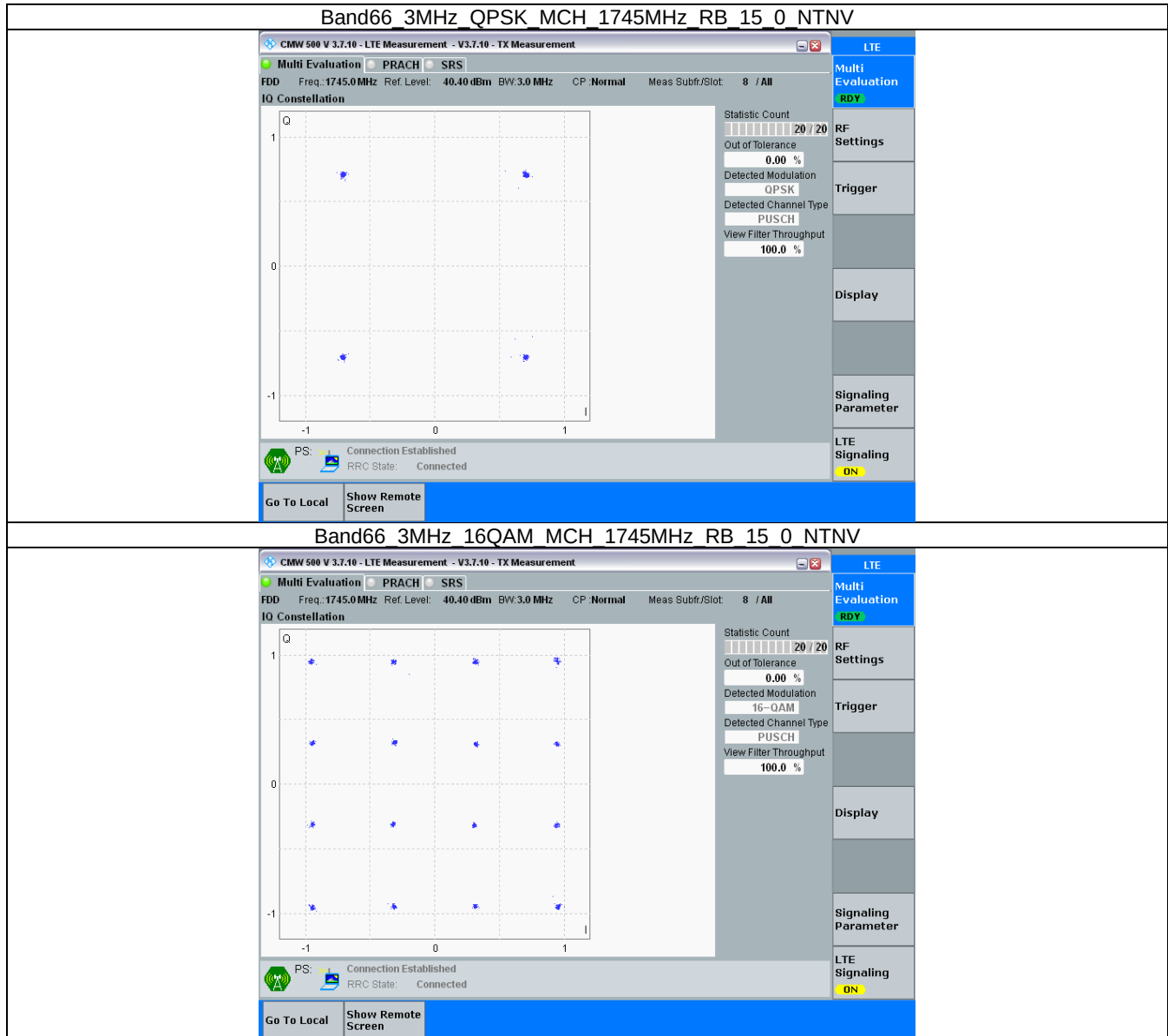
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

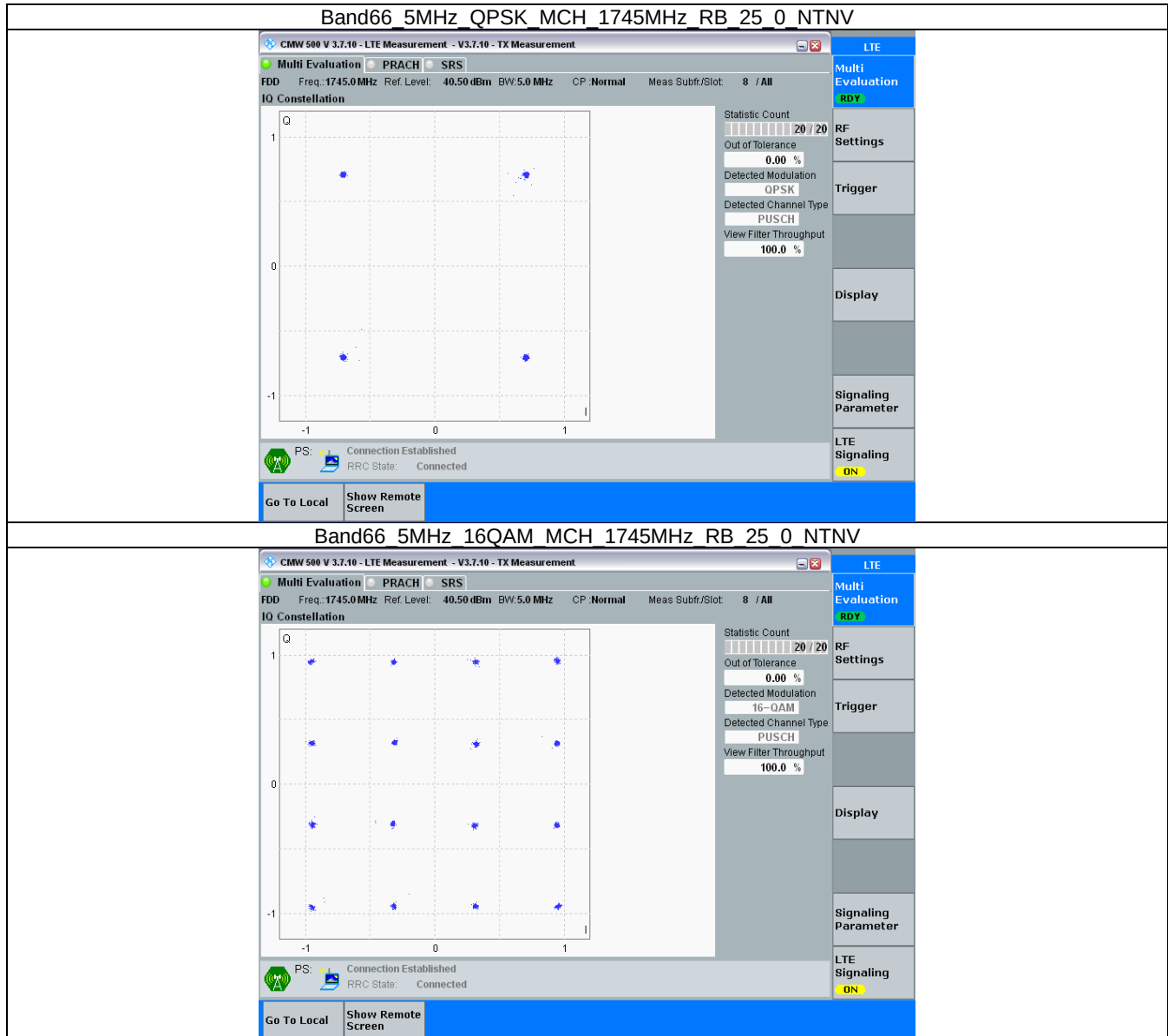
3.2.1 B66_1.4MHz



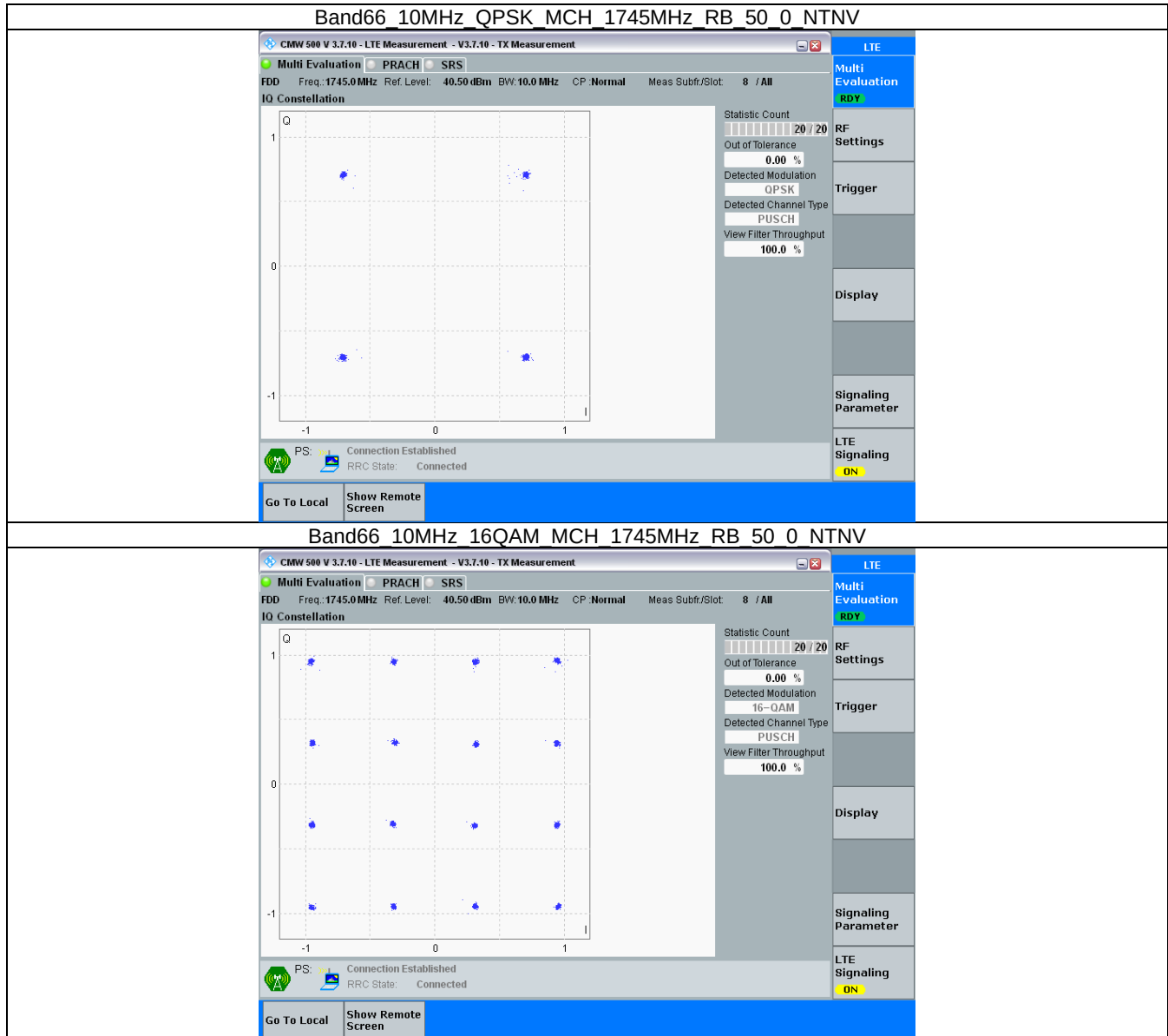
3.2.2 B66_3MHz



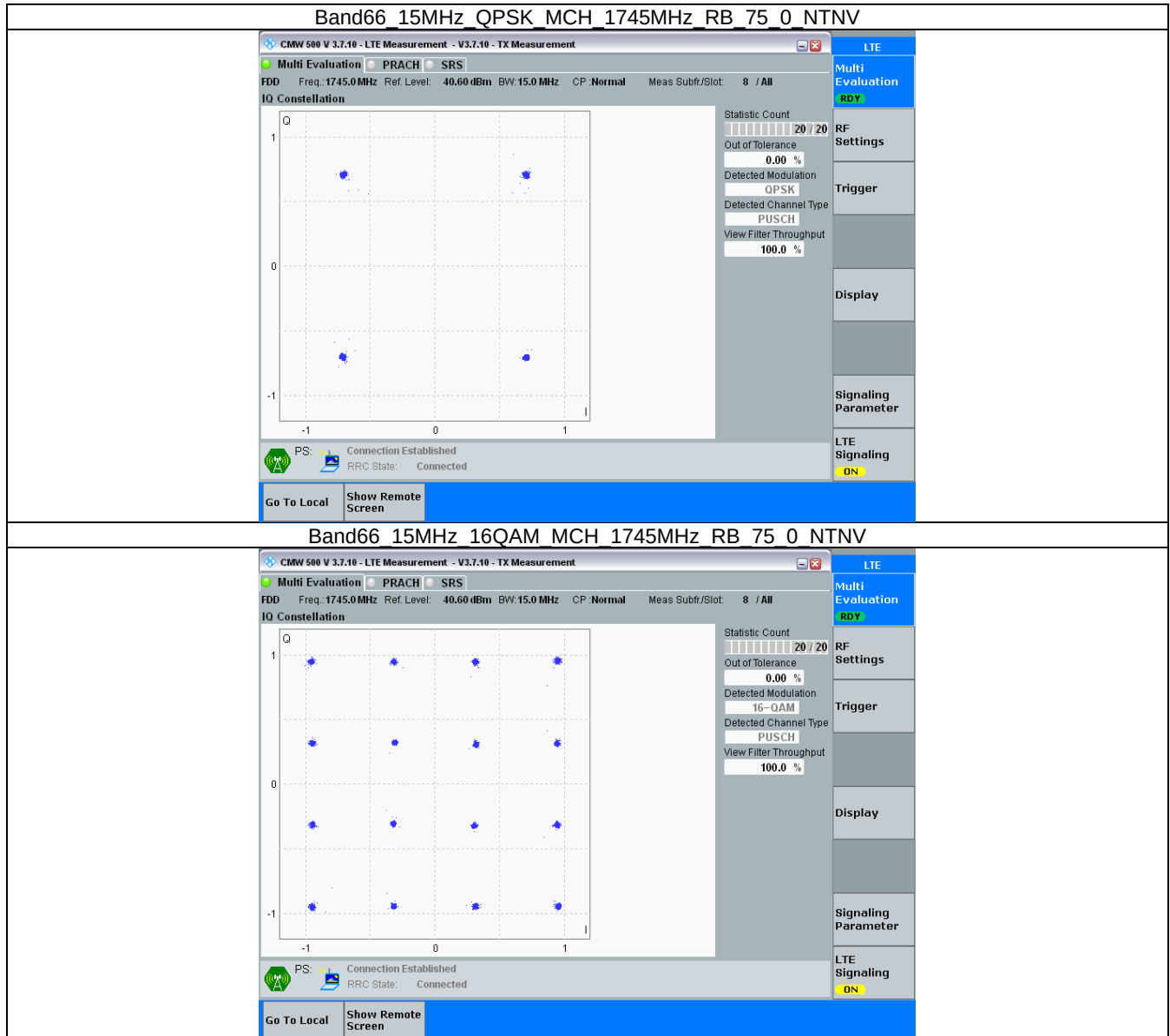
3.2.3 B66_5MHz



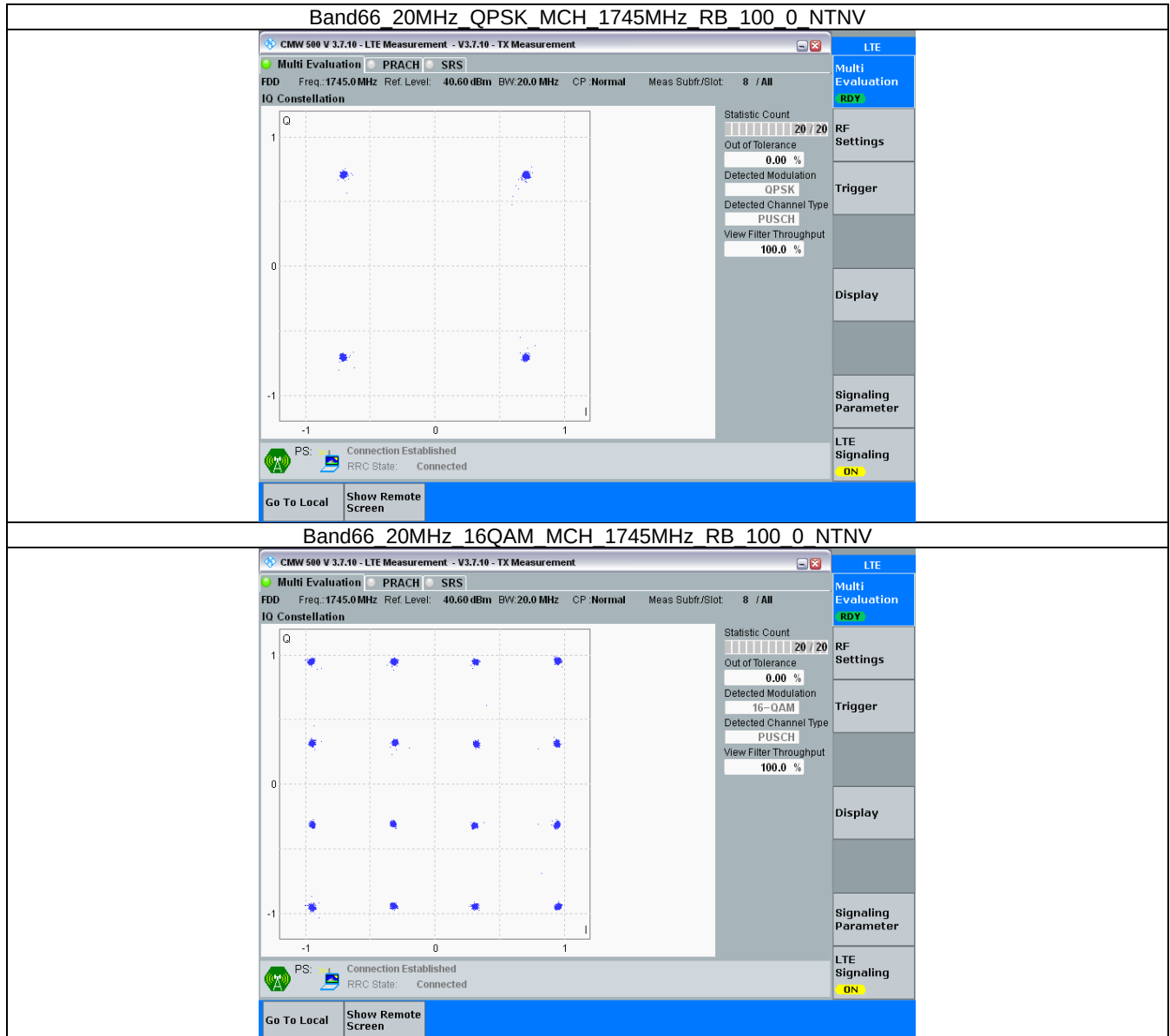
3.2.4 B66_10MHz



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	1.111	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1745	6	0	1.115	/	Pass
		1779.3	6	0	1.108	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1745	15	0	2.748	/	Pass
		1778.5	15	0	2.733	/	Pass
	16QAM	1711.5	15	0	2.725	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.719	/	Pass
5	QPSK	1712.5	25	0	4.549	/	Pass
		1745	25	0	4.550	/	Pass
		1777.5	25	0	4.541	/	Pass
	16QAM	1712.5	25	0	4.543	/	Pass
		1745	25	0	4.571	/	Pass
		1777.5	25	0	4.532	/	Pass
10	QPSK	1715	50	0	9.059	/	Pass
		1745	50	0	9.059	/	Pass
		1775	50	0	9.063	/	Pass
	16QAM	1715	50	0	9.028	/	Pass
		1745	50	0	9.048	/	Pass
		1775	50	0	9.080	/	Pass
15	QPSK	1717.5	75	0	13.569	/	Pass
		1745	75	0	13.571	/	Pass
		1772.5	75	0	13.616	/	Pass
	16QAM	1717.5	75	0	13.623	/	Pass
		1745	75	0	13.603	/	Pass
		1772.5	75	0	13.598	/	Pass
20	QPSK	1720	100	0	18.099	/	Pass
		1745	100	0	18.086	/	Pass
		1770	100	0	18.143	/	Pass
	16QAM	1720	100	0	18.074	/	Pass
		1745	100	0	18.096	/	Pass
		1770	100	0	18.180	/	Pass

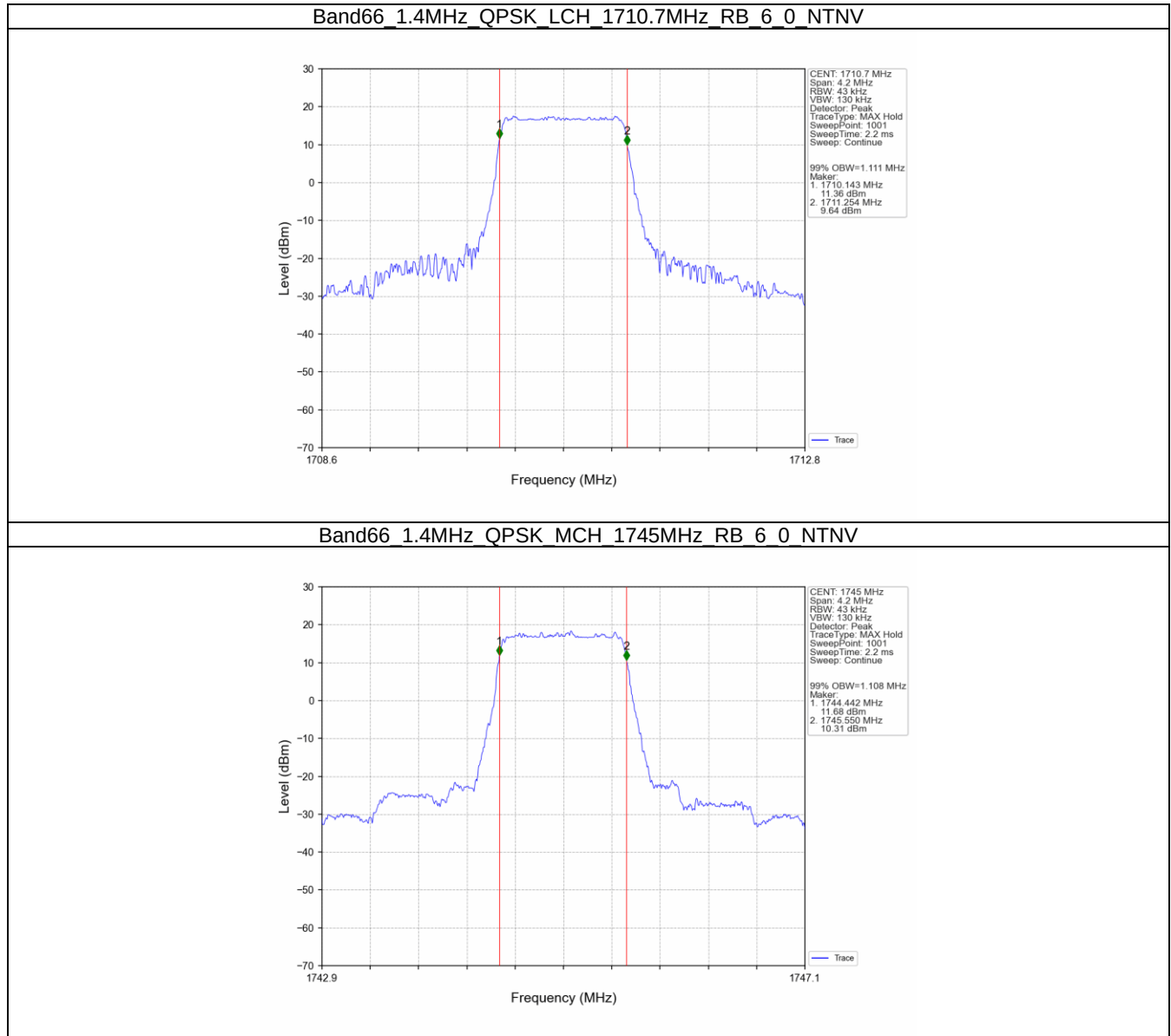
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.332	/	Pass
		1745	6	0	1.322	/	Pass
		1779.3	6	0	1.319	/	Pass

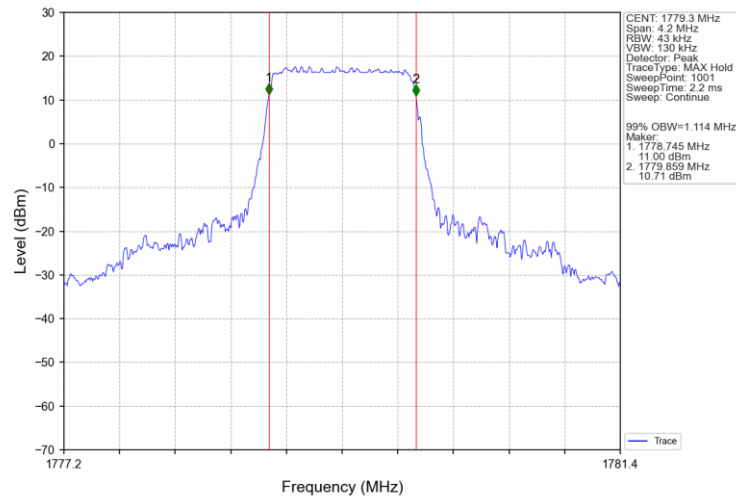
	16QAM	1710.7	6	0	1.314	/	Pass
		1745	6	0	1.344	/	Pass
		1779.3	6	0	1.305	/	Pass
3	QPSK	1711.5	15	0	3.019	/	Pass
		1745	15	0	2.994	/	Pass
		1778.5	15	0	3.017	/	Pass
	16QAM	1711.5	15	0	3.025	/	Pass
		1745	15	0	3.018	/	Pass
		1778.5	15	0	3.019	/	Pass
5	QPSK	1712.5	25	0	5.020	/	Pass
		1745	25	0	5.061	/	Pass
		1777.5	25	0	5.071	/	Pass
	16QAM	1712.5	25	0	5.087	/	Pass
		1745	25	0	5.022	/	Pass
		1777.5	25	0	5.032	/	Pass
10	QPSK	1715	50	0	9.971	/	Pass
		1745	50	0	9.977	/	Pass
		1775	50	0	10.037	/	Pass
	16QAM	1715	50	0	9.986	/	Pass
		1745	50	0	9.970	/	Pass
		1775	50	0	9.977	/	Pass
15	QPSK	1717.5	75	0	14.933	/	Pass
		1745	75	0	14.927	/	Pass
		1772.5	75	0	15.143	/	Pass
	16QAM	1717.5	75	0	14.908	/	Pass
		1745	75	0	15.008	/	Pass
		1772.5	75	0	14.973	/	Pass
20	QPSK	1720	100	0	19.681	/	Pass
		1745	100	0	19.775	/	Pass
		1770	100	0	19.573	/	Pass
	16QAM	1720	100	0	19.799	/	Pass
		1745	100	0	19.664	/	Pass
		1770	100	0	19.590	/	Pass

4.2 Test Graph

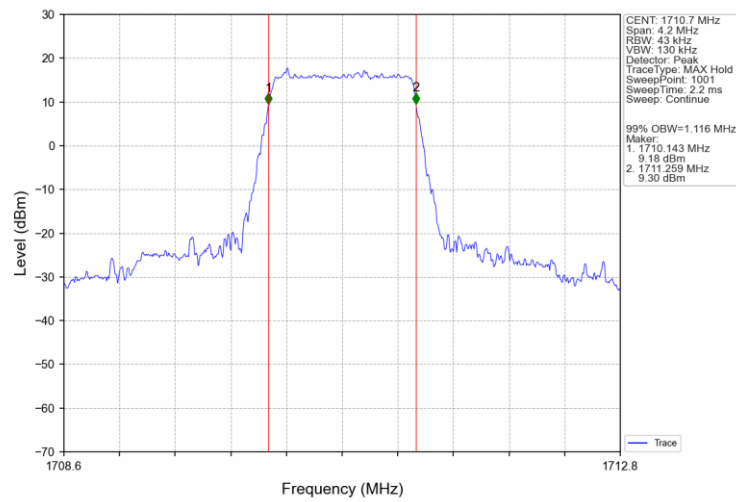
4.2.1 Band66_OBW



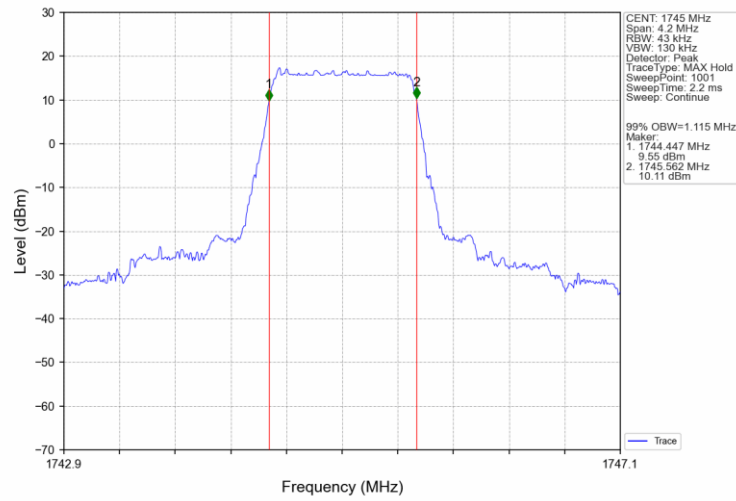
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



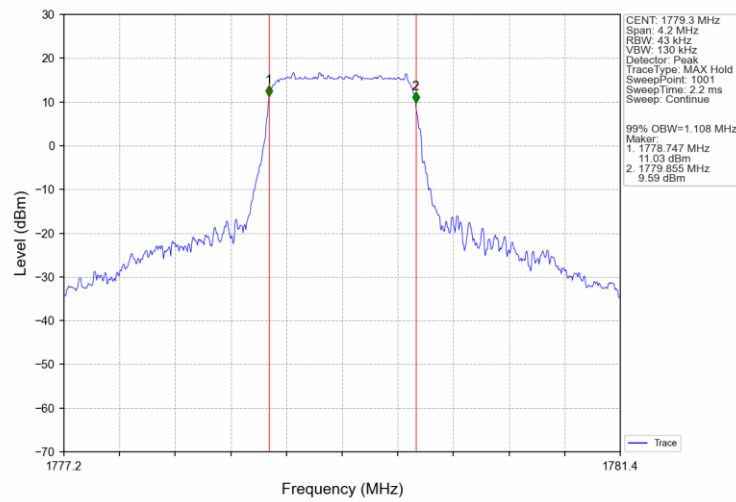
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



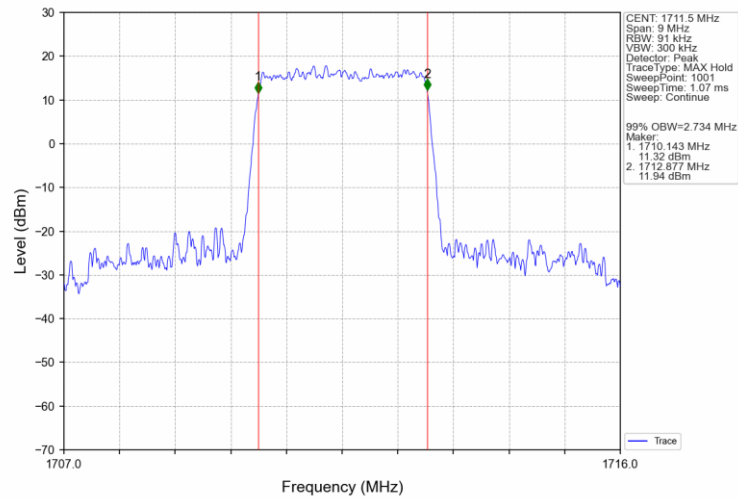
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



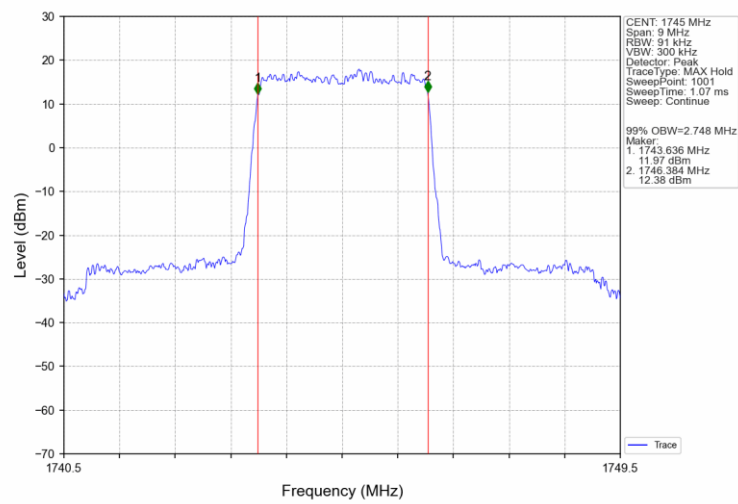
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



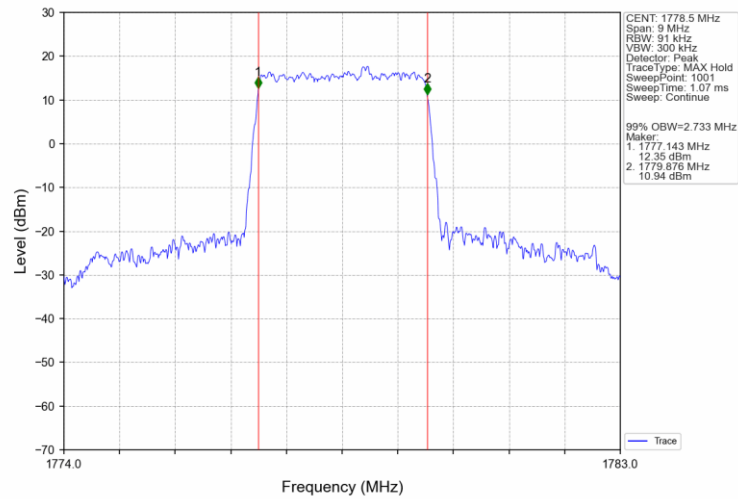
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



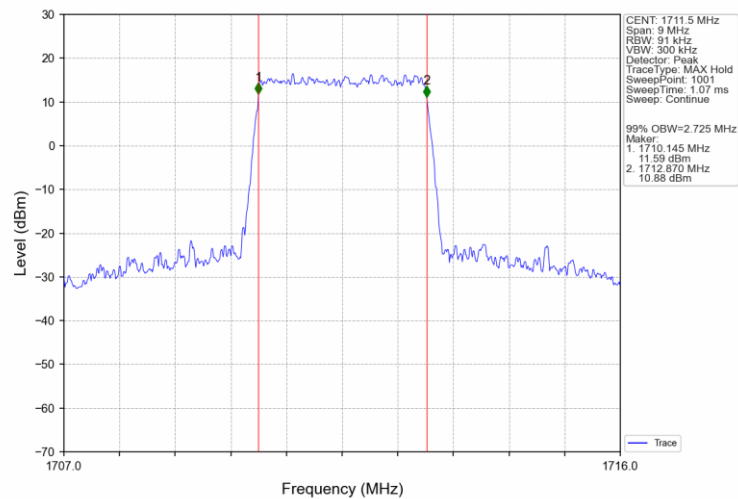
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



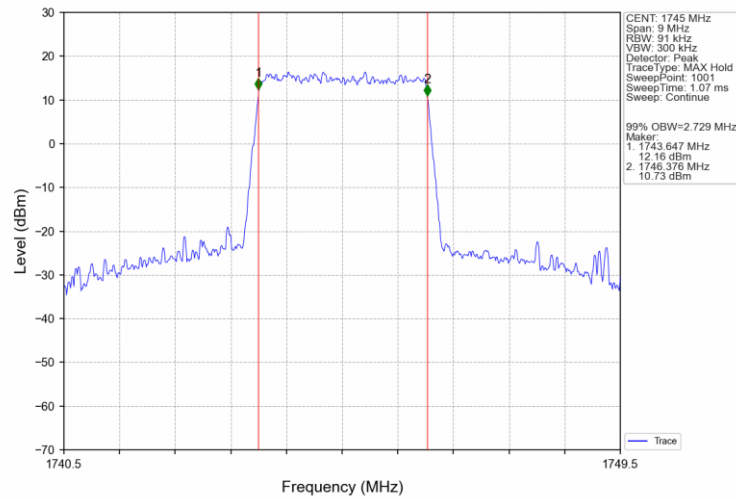
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



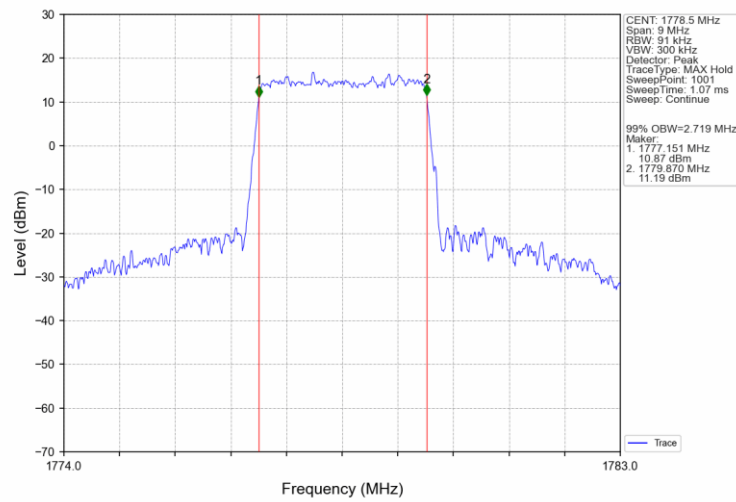
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



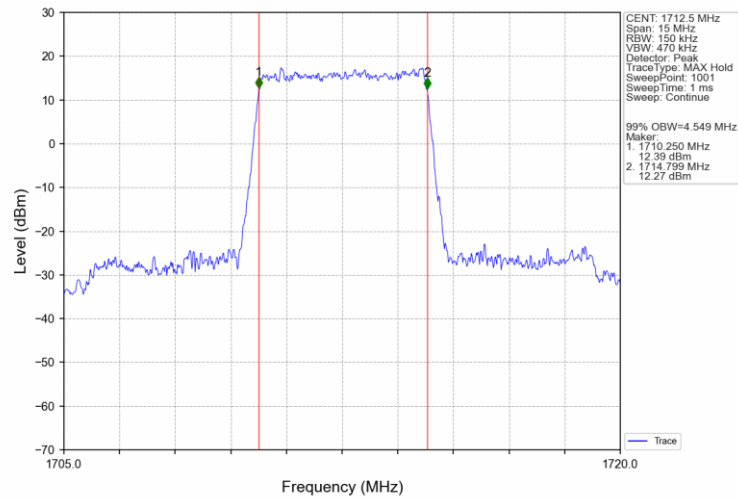
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



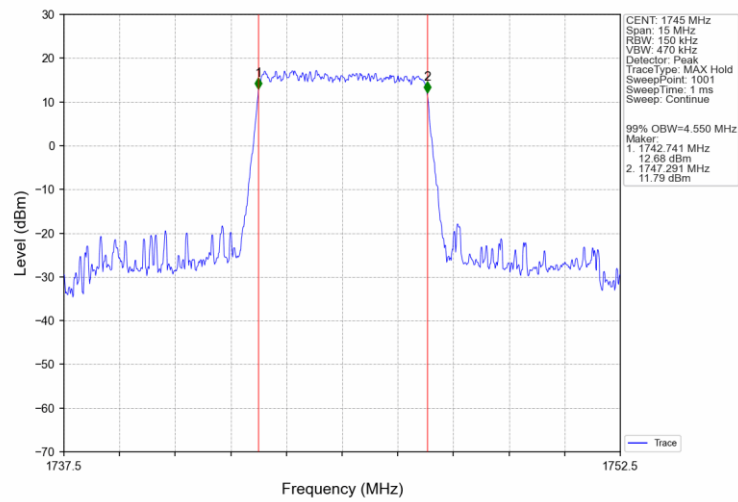
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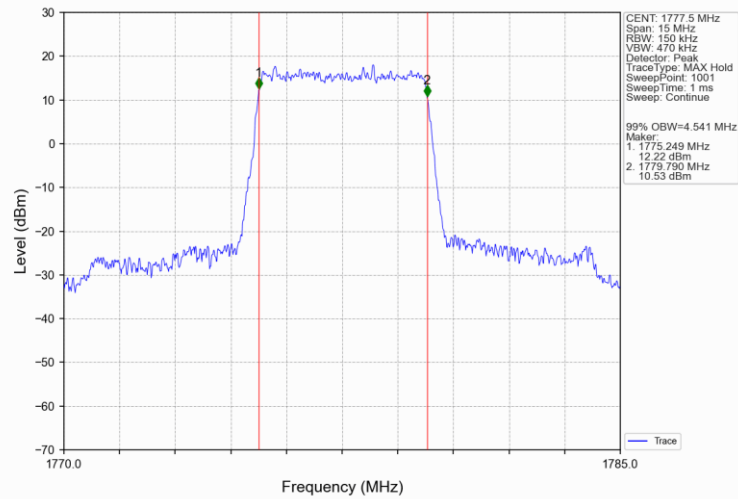
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



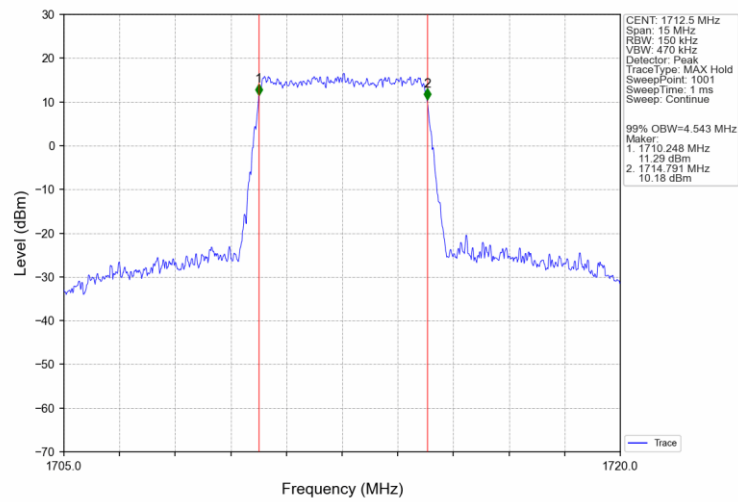
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



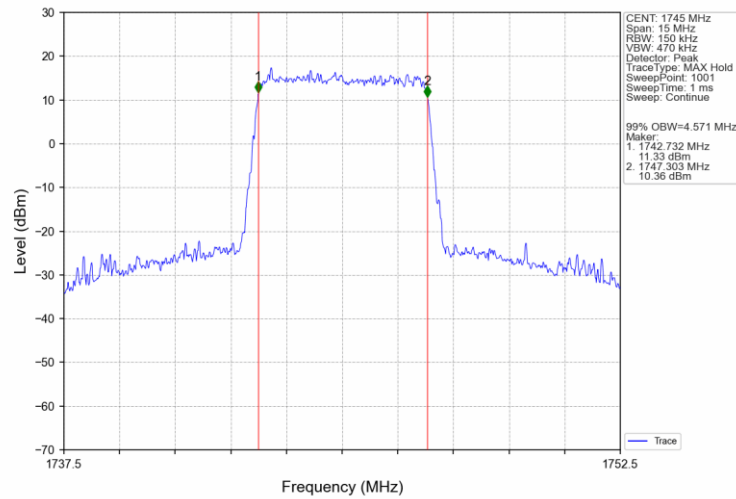
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



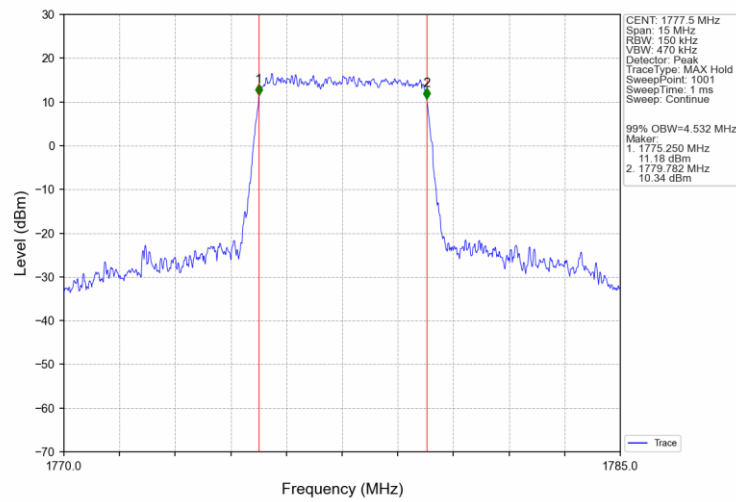
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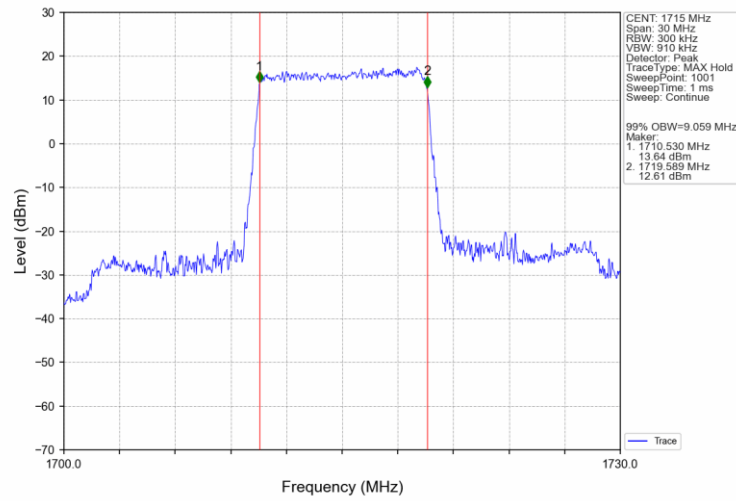
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



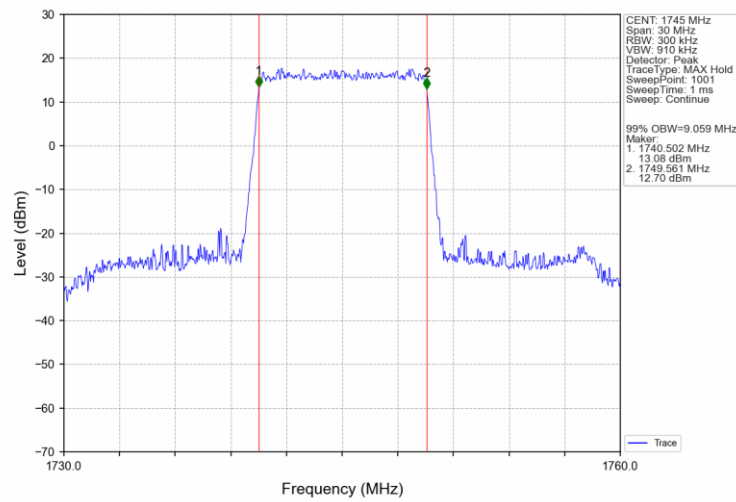
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



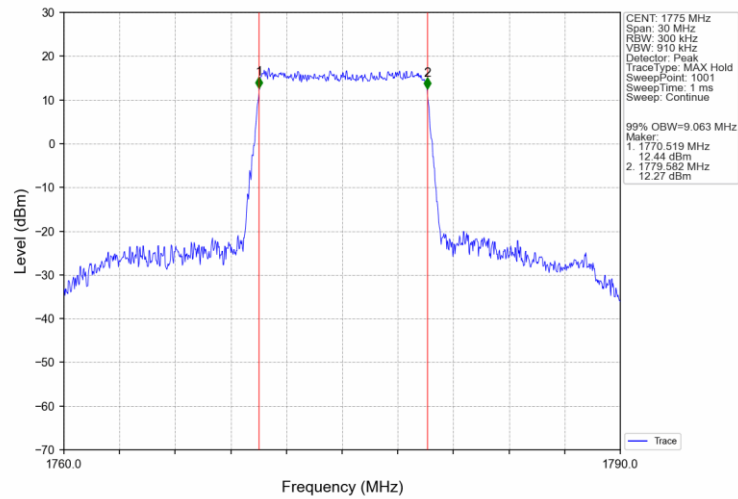
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



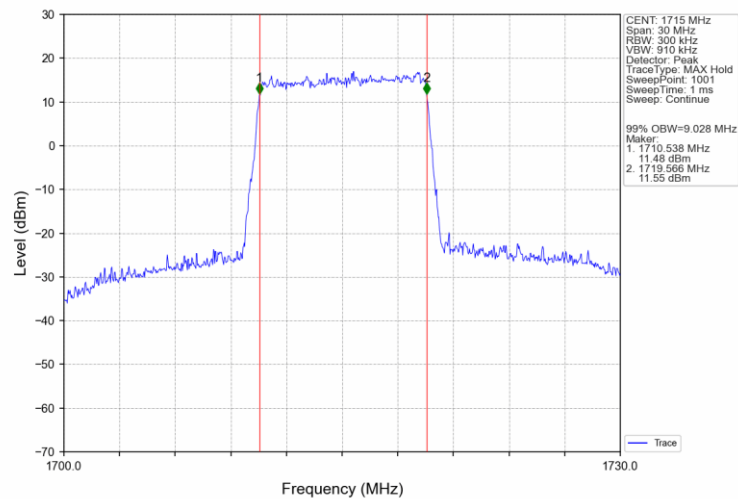
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



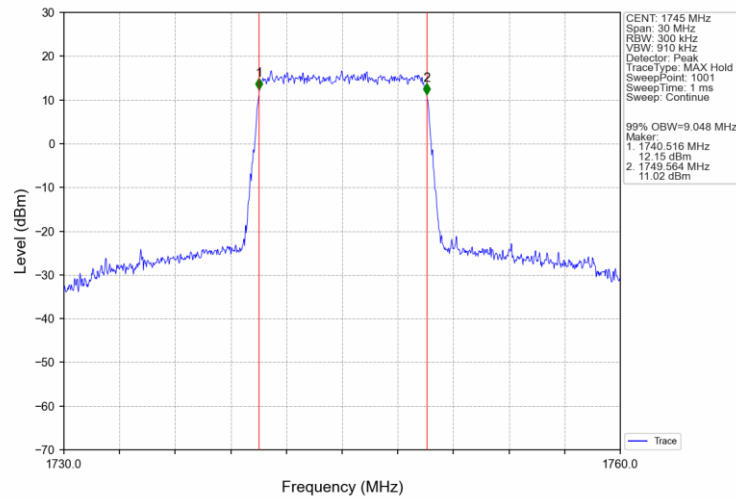
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



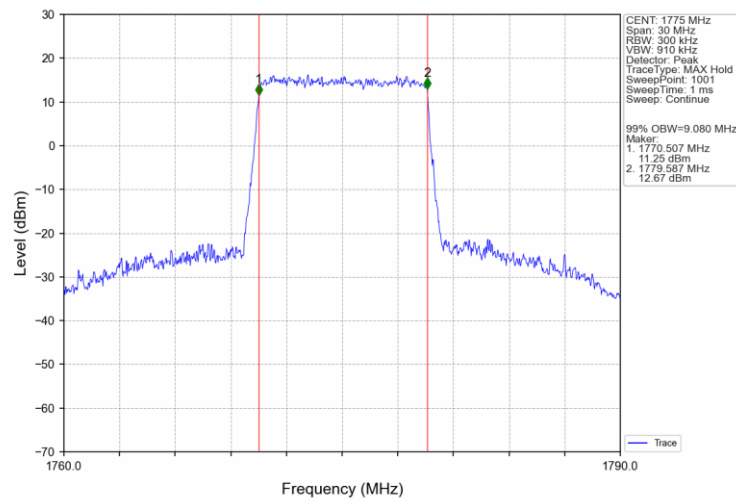
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



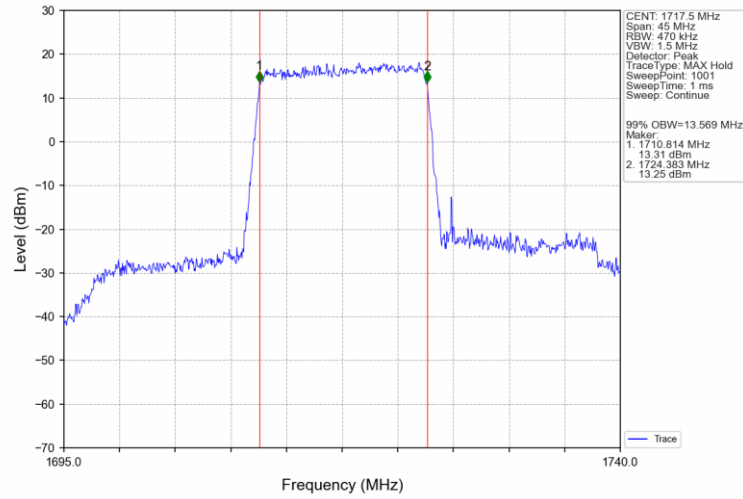
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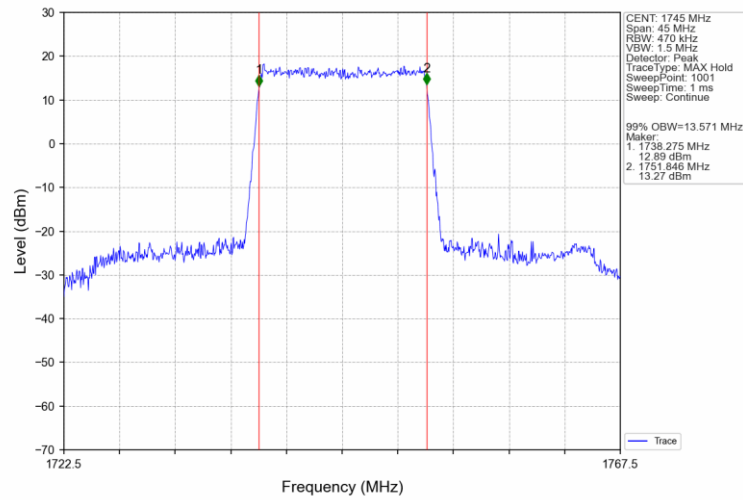
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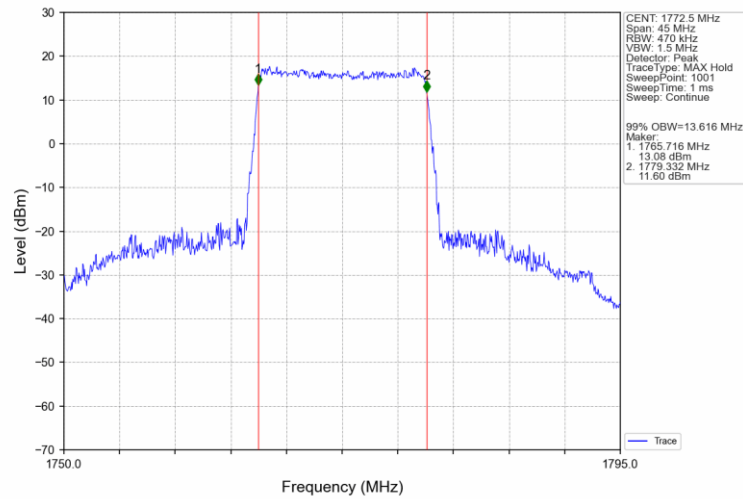
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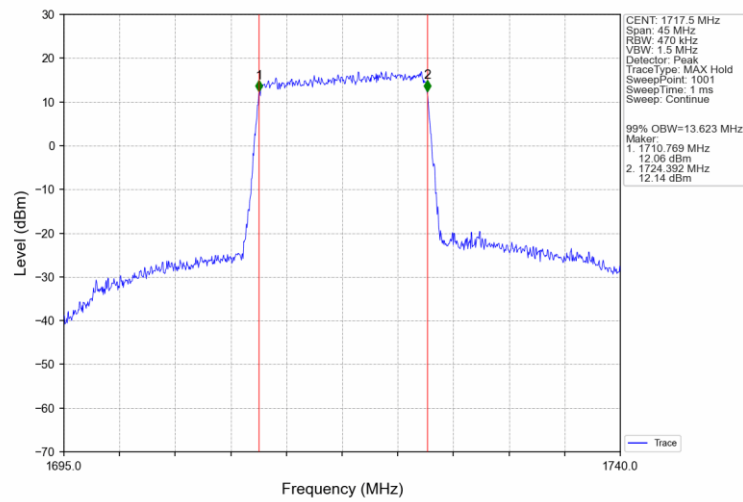
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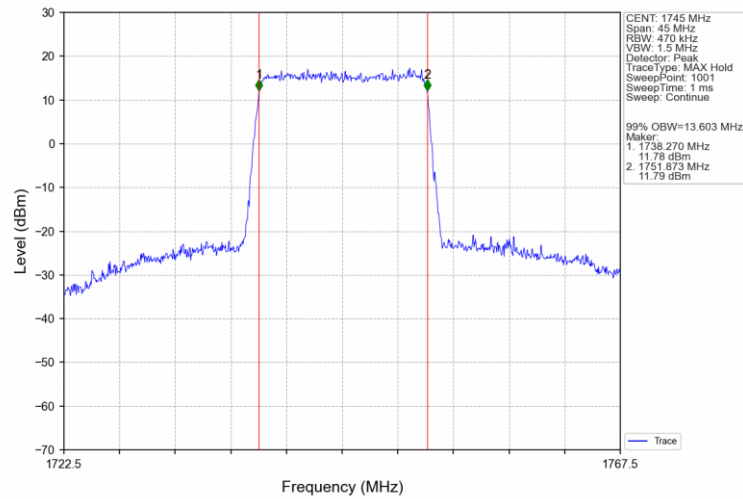
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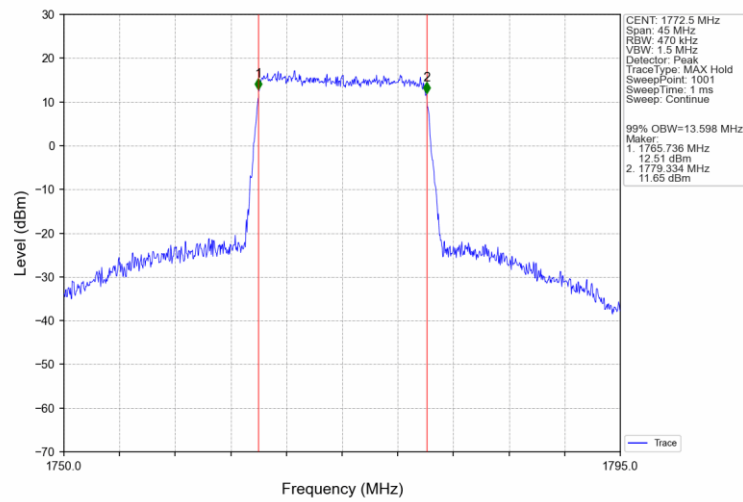
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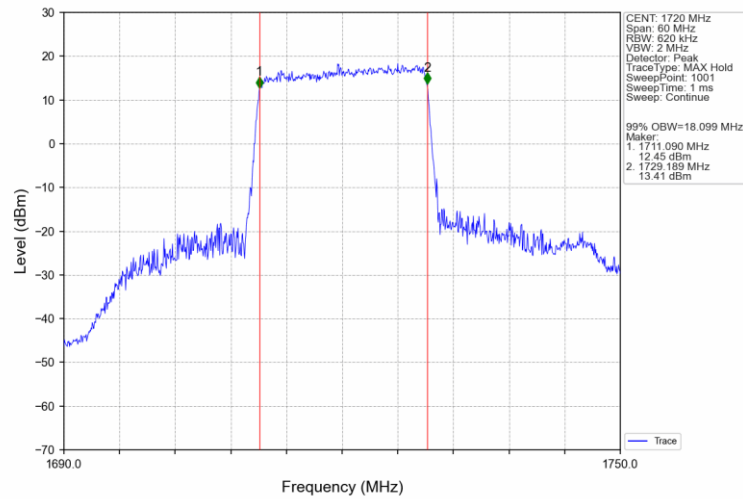
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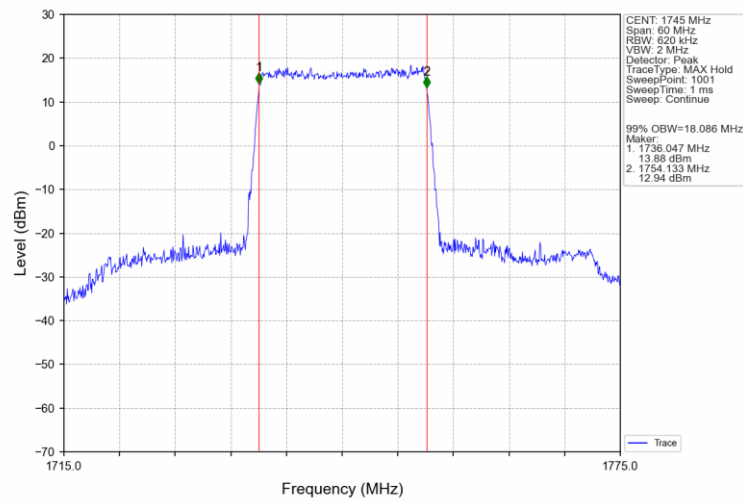
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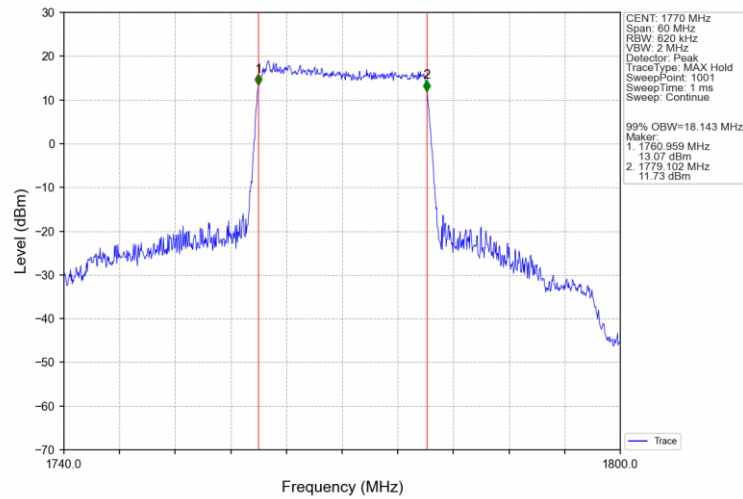
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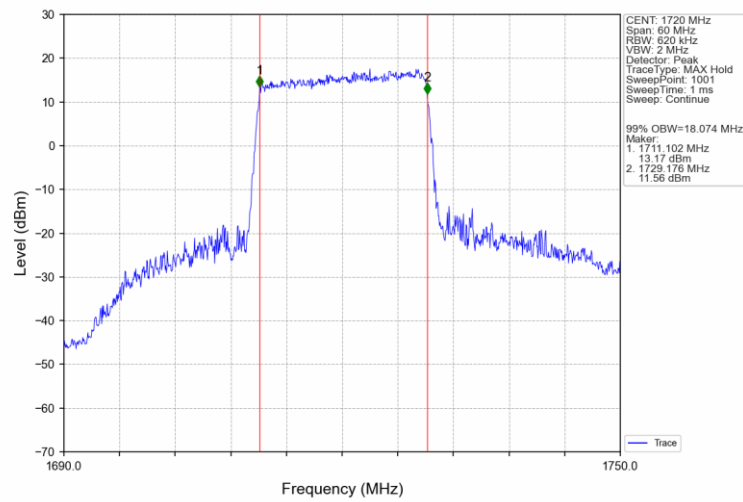
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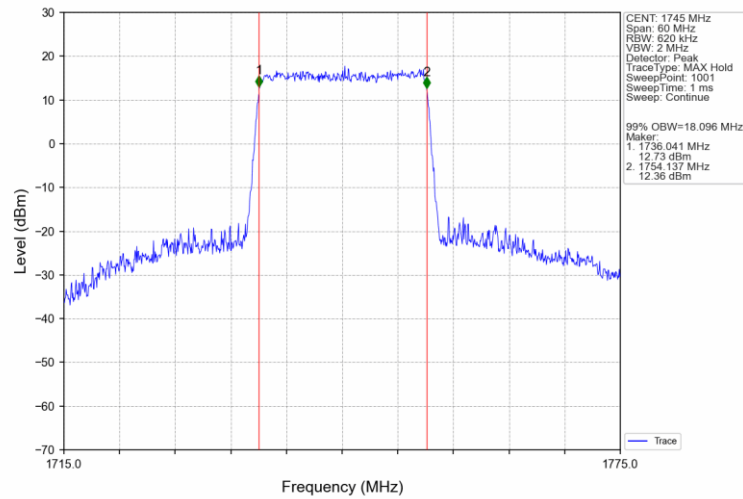
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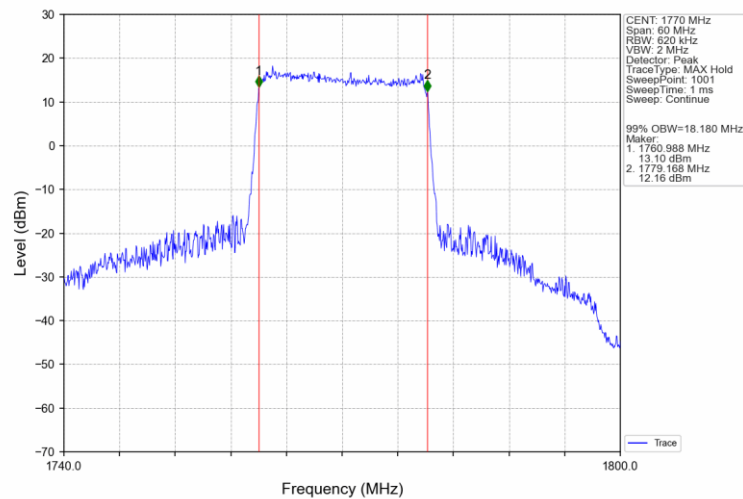
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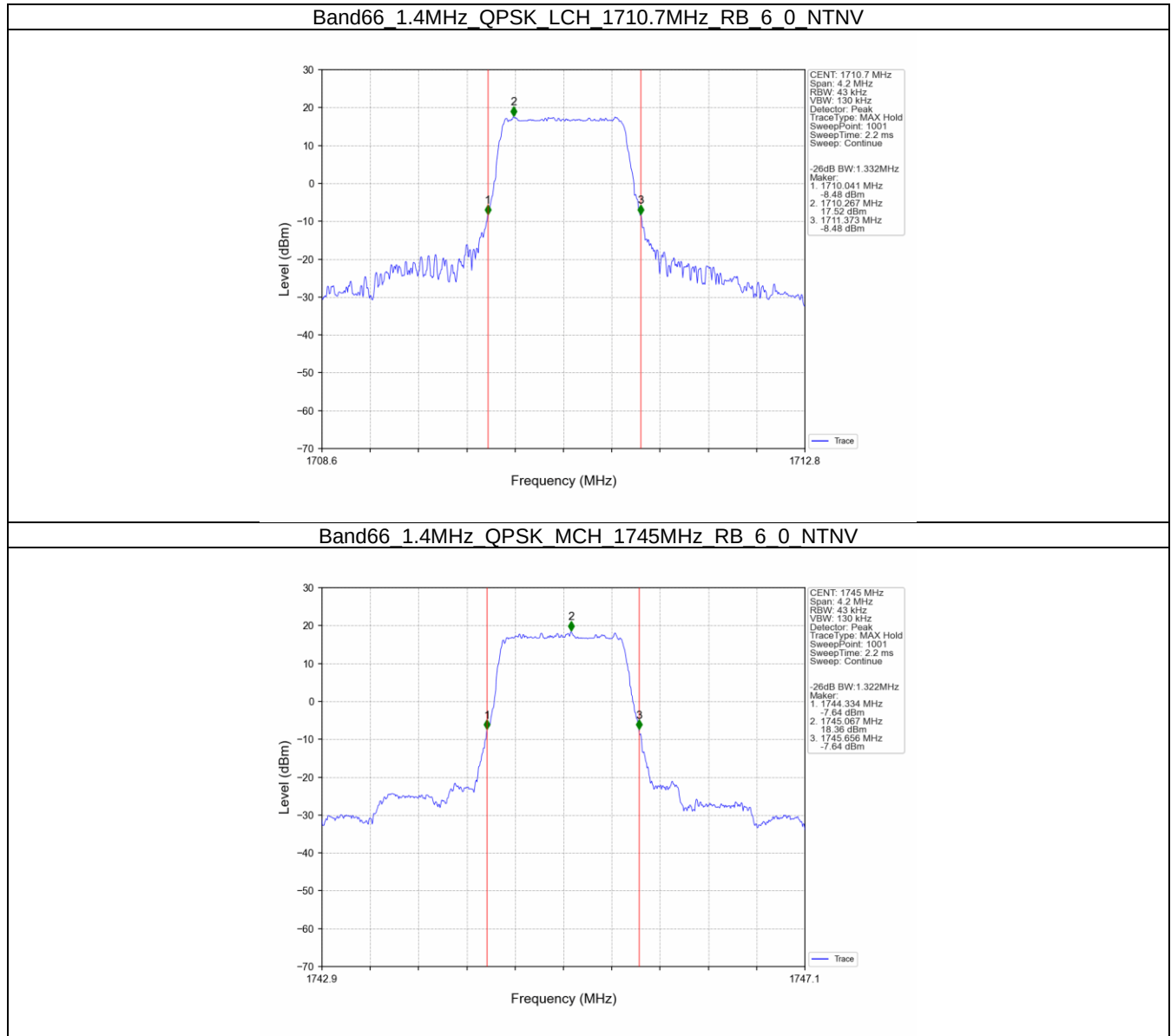
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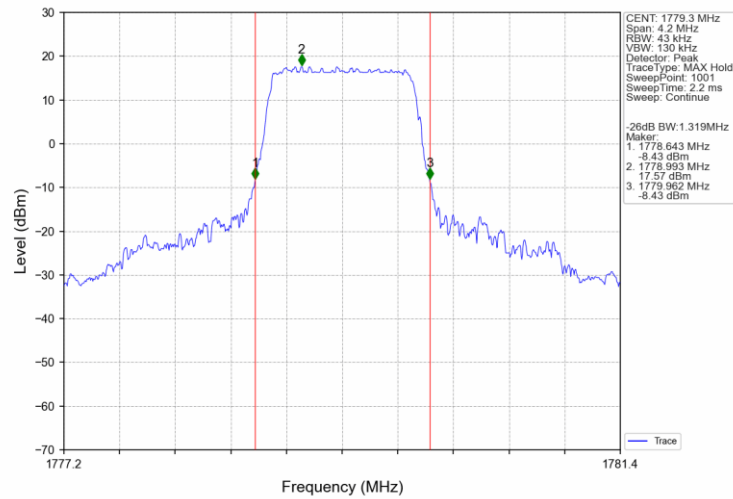
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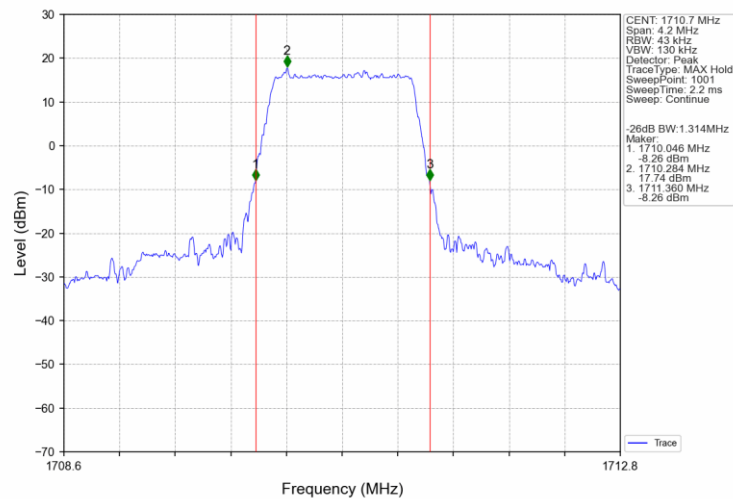
4.2.2 Band66_XDB



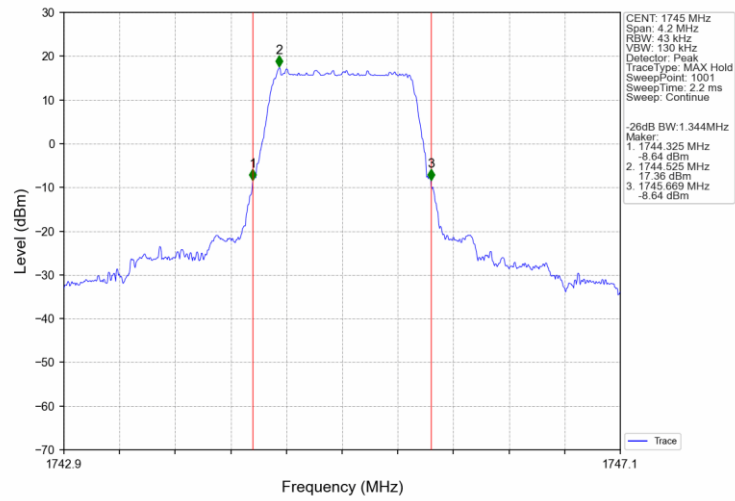
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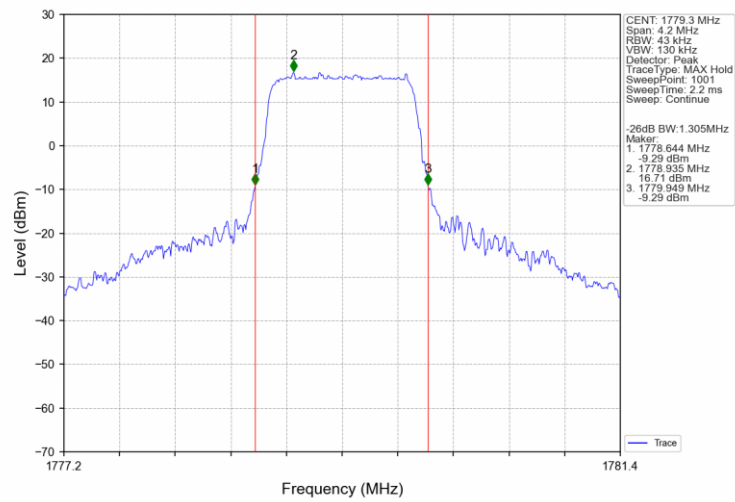
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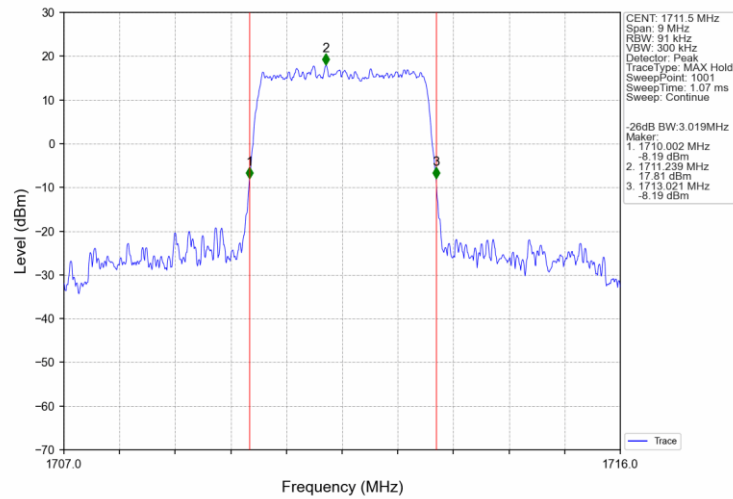
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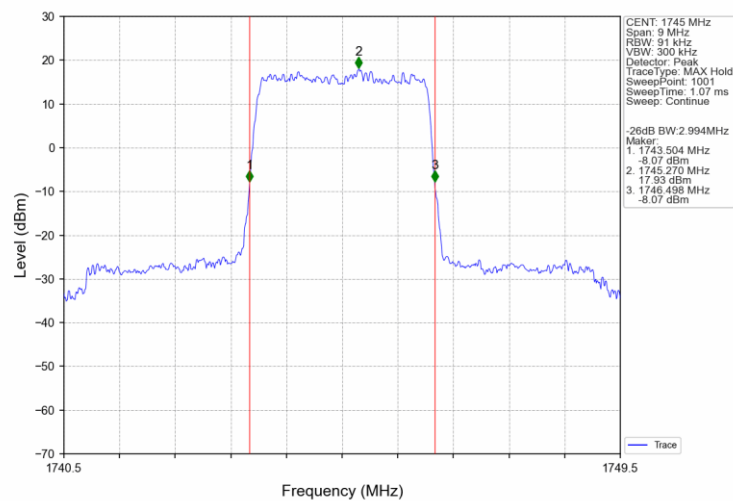
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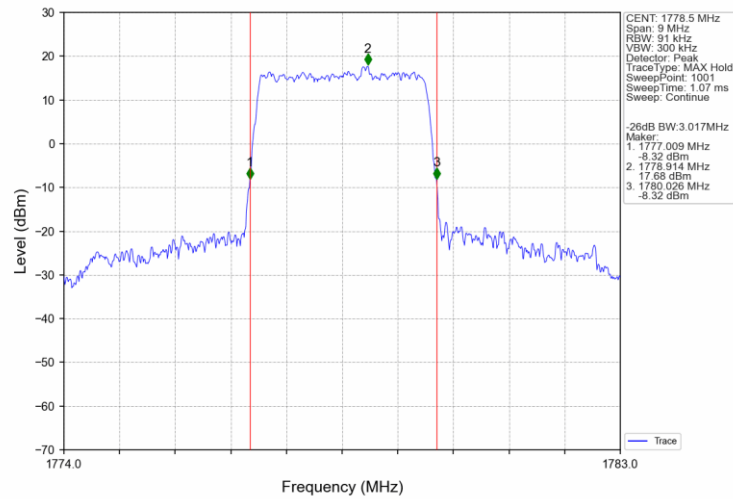
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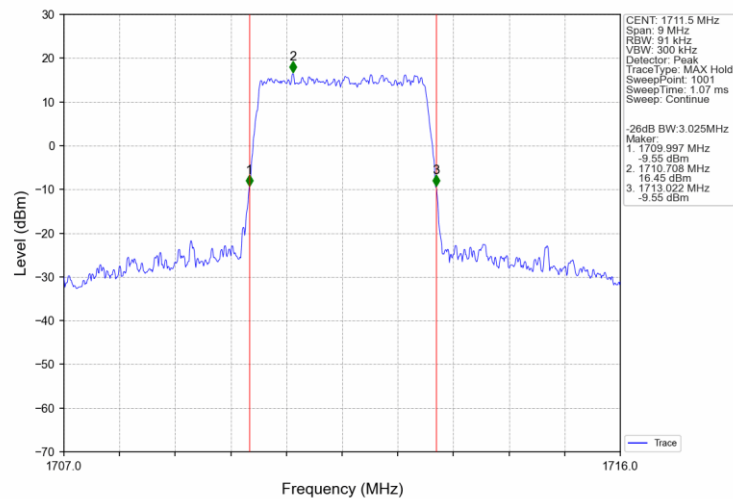
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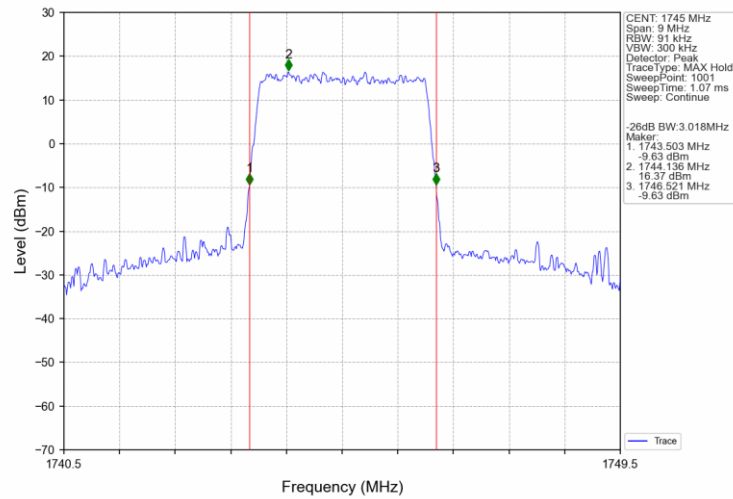
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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

