

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	22.11	-2.40	19.71	<=30	Pass
			2	22.08	-2.40	19.68	<=30	Pass
			5	22.05	-2.40	19.65	<=30	Pass
		3	0	22.46	-2.40	20.06	<=30	Pass
			2	22.44	-2.40	20.04	<=30	Pass
			3	22.46	-2.40	20.06	<=30	Pass
		6	0	21.49	-2.40	19.09	<=30	Pass
	1745	1	0	22.00	-2.40	19.60	<=30	Pass
			2	22.04	-2.40	19.64	<=30	Pass
			5	21.95	-2.40	19.55	<=30	Pass
		3	0	22.53	-2.40	20.13	<=30	Pass
			2	22.48	-2.40	20.08	<=30	Pass
			3	22.45	-2.40	20.05	<=30	Pass
		6	0	21.48	-2.40	19.08	<=30	Pass
	1779.3	1	0	21.94	-2.40	19.54	<=30	Pass
			2	21.99	-2.40	19.59	<=30	Pass
			5	21.90	-2.40	19.50	<=30	Pass
		3	0	22.43	-2.40	20.03	<=30	Pass
			2	22.43	-2.40	20.03	<=30	Pass
			3	22.41	-2.40	20.01	<=30	Pass
		6	0	21.53	-2.40	19.13	<=30	Pass
16QAM	1710.7	1	0	20.86	-2.40	18.46	<=30	Pass
			2	21.00	-2.40	18.60	<=30	Pass
			5	20.89	-2.40	18.49	<=30	Pass
		3	0	21.66	-2.40	19.26	<=30	Pass
			2	21.70	-2.40	19.30	<=30	Pass
			3	21.71	-2.40	19.31	<=30	Pass
		6	0	20.50	-2.40	18.10	<=30	Pass
	1745	1	0	20.90	-2.40	18.50	<=30	Pass
			2	20.90	-2.40	18.50	<=30	Pass
			5	20.89	-2.40	18.49	<=30	Pass
		3	0	21.50	-2.40	19.10	<=30	Pass
			2	21.47	-2.40	19.07	<=30	Pass
			3	21.46	-2.40	19.06	<=30	Pass
		6	0	20.41	-2.40	18.01	<=30	Pass
	1779.3	1	0	21.08	-2.40	18.68	<=30	Pass
			2	21.09	-2.40	18.69	<=30	Pass
			5	21.12	-2.40	18.72	<=30	Pass
		3	0	21.66	-2.40	19.26	<=30	Pass
			2	21.67	-2.40	19.27	<=30	Pass
			3	21.67	-2.40	19.27	<=30	Pass
		6	0	20.44	-2.40	18.04	<=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	22.00	-2.40	19.60	<=30	Pass
			7	22.03	-2.40	19.63	<=30	Pass
			14	22.03	-2.40	19.63	<=30	Pass
		8	0	21.46	-2.40	19.06	<=30	Pass
			4	21.45	-2.40	19.05	<=30	Pass
			7	21.51	-2.40	19.11	<=30	Pass
		15	0	21.50	-2.40	19.10	<=30	Pass
	1745	1	0	21.90	-2.40	19.50	<=30	Pass
			7	21.87	-2.40	19.47	<=30	Pass
			14	21.85	-2.40	19.45	<=30	Pass
		8	0	21.43	-2.40	19.03	<=30	Pass
			4	21.35	-2.40	18.95	<=30	Pass
			7	21.36	-2.40	18.96	<=30	Pass
		15	0	21.39	-2.40	18.99	<=30	Pass
	1778.5	1	0	22.02	-2.40	19.62	<=30	Pass
			7	22.05	-2.40	19.65	<=30	Pass
			14	22.04	-2.40	19.64	<=30	Pass
		8	0	21.47	-2.40	19.07	<=30	Pass
			4	21.47	-2.40	19.07	<=30	Pass
			7	21.48	-2.40	19.08	<=30	Pass
		15	0	21.47	-2.40	19.07	<=30	Pass
16QAM	1711.5	1	0	20.89	-2.40	18.49	<=30	Pass
			7	20.92	-2.40	18.52	<=30	Pass
			14	20.93	-2.40	18.53	<=30	Pass
		8	0	20.49	-2.40	18.09	<=30	Pass
			4	20.49	-2.40	18.09	<=30	Pass
			7	20.52	-2.40	18.12	<=30	Pass
		15	0	20.49	-2.40	18.09	<=30	Pass
	1745	1	0	21.07	-2.40	18.67	<=30	Pass
			7	21.05	-2.40	18.65	<=30	Pass
			14	20.97	-2.40	18.57	<=30	Pass
		8	0	20.42	-2.40	18.02	<=30	Pass
			4	20.36	-2.40	17.96	<=30	Pass
			7	20.35	-2.40	17.95	<=30	Pass
		15	0	20.25	-2.40	17.85	<=30	Pass
	1778.5	1	0	21.19	-2.40	18.79	<=30	Pass
			7	21.25	-2.40	18.85	<=30	Pass
			14	21.23	-2.40	18.83	<=30	Pass
		8	0	20.48	-2.40	18.08	<=30	Pass
			4	20.50	-2.40	18.10	<=30	Pass
			7	20.48	-2.40	18.08	<=30	Pass
		15	0	20.46	-2.40	18.06	<=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	21.91	-2.40	19.51	<=30	Pass
			13	21.98	-2.40	19.58	<=30	Pass
			24	21.99	-2.40	19.59	<=30	Pass
		12	0	21.47	-2.40	19.07	<=30	Pass
			6	21.48	-2.40	19.08	<=30	Pass
			13	21.54	-2.40	19.14	<=30	Pass
		25	0	21.53	-2.40	19.13	<=30	Pass
	1745	1	0	21.96	-2.40	19.56	<=30	Pass
			13	21.90	-2.40	19.50	<=30	Pass

16QAM	1777.5	12	24	21.89	-2.40	19.49	<=30	Pass
			0	21.44	-2.40	19.04	<=30	Pass
			6	21.44	-2.40	19.04	<=30	Pass
			13	21.35	-2.40	18.95	<=30	Pass
		25	0	21.41	-2.40	19.01	<=30	Pass
	1777.5	1	0	21.99	-2.40	19.59	<=30	Pass
			13	22.02	-2.40	19.62	<=30	Pass
			24	22.06	-2.40	19.66	<=30	Pass
		12	0	21.50	-2.40	19.10	<=30	Pass
			6	21.45	-2.40	19.05	<=30	Pass
			13	21.45	-2.40	19.05	<=30	Pass
		25	0	21.49	-2.40	19.09	<=30	Pass
			0	21.19	-2.40	18.79	<=30	Pass
	1712.5	1	13	21.22	-2.40	18.82	<=30	Pass
			24	21.24	-2.40	18.84	<=30	Pass
		12	0	20.47	-2.40	18.07	<=30	Pass
			6	20.51	-2.40	18.11	<=30	Pass
			13	20.51	-2.40	18.11	<=30	Pass
		25	0	20.54	-2.40	18.14	<=30	Pass
			0	21.08	-2.40	18.68	<=30	Pass
	1745	1	13	21.04	-2.40	18.64	<=30	Pass
			24	21.02	-2.40	18.62	<=30	Pass
		12	0	20.38	-2.40	17.98	<=30	Pass
			6	20.35	-2.40	17.95	<=30	Pass
			13	20.27	-2.40	17.87	<=30	Pass
		25	0	20.37	-2.40	17.97	<=30	Pass
			0	21.13	-2.40	18.73	<=30	Pass
	1777.5	1	13	21.15	-2.40	18.75	<=30	Pass
			24	21.14	-2.40	18.74	<=30	Pass
		12	0	20.47	-2.40	18.07	<=30	Pass
			6	20.42	-2.40	18.02	<=30	Pass
			13	20.46	-2.40	18.06	<=30	Pass
		25	0	20.53	-2.40	18.13	<=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	21.99	-2.40	19.59	<=30	Pass
			25	22.07	-2.40	19.67	<=30	Pass
			49	22.06	-2.40	19.66	<=30	Pass
		25	0	21.48	-2.40	19.08	<=30	Pass
			13	21.54	-2.40	19.14	<=30	Pass
			25	21.66	-2.40	19.26	<=30	Pass
		50	0	21.58	-2.40	19.18	<=30	Pass
			0	21.95	-2.40	19.55	<=30	Pass
	1745	1	25	21.95	-2.40	19.55	<=30	Pass
			49	21.83	-2.40	19.43	<=30	Pass
		25	0	21.47	-2.40	19.07	<=30	Pass
			13	21.42	-2.40	19.02	<=30	Pass
			25	21.42	-2.40	19.02	<=30	Pass
		50	0	21.50	-2.40	19.10	<=30	Pass
			0	21.88	-2.40	19.48	<=30	Pass
	1775	1	25	21.99	-2.40	19.59	<=30	Pass
			49	22.02	-2.40	19.62	<=30	Pass
		25	0	21.45	-2.40	19.05	<=30	Pass

16QAM	1715	50	13	21.47	-2.40	19.07	<=30	Pass
			25	21.53	-2.40	19.13	<=30	Pass
			0	21.52	-2.40	19.12	<=30	Pass
		1	0	20.84	-2.40	18.44	<=30	Pass
			25	20.94	-2.40	18.54	<=30	Pass
			49	20.89	-2.40	18.49	<=30	Pass
		25	0	20.44	-2.40	18.04	<=30	Pass
			13	20.54	-2.40	18.14	<=30	Pass
			25	20.61	-2.40	18.21	<=30	Pass
	1745	50	0	20.53	-2.40	18.13	<=30	Pass
			0	21.06	-2.40	18.66	<=30	Pass
			25	21.06	-2.40	18.66	<=30	Pass
		1	49	20.94	-2.40	18.54	<=30	Pass
			0	20.50	-2.40	18.10	<=30	Pass
			13	20.41	-2.40	18.01	<=30	Pass
		25	25	20.45	-2.40	18.05	<=30	Pass
			0	20.43	-2.40	18.03	<=30	Pass
			0	21.06	-2.40	18.66	<=30	Pass
	1775	1	25	21.16	-2.40	18.76	<=30	Pass
			49	21.18	-2.40	18.78	<=30	Pass
		25	0	20.51	-2.40	18.11	<=30	Pass
			13	20.52	-2.40	18.12	<=30	Pass
			25	20.59	-2.40	18.19	<=30	Pass
		50	0	20.50	-2.40	18.10	<=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	21.96	-2.40	19.56	<=30	Pass
			38	22.03	-2.40	19.63	<=30	Pass
			74	22.00	-2.40	19.60	<=30	Pass
		36	0	21.40	-2.40	19.00	<=30	Pass
			18	21.52	-2.40	19.12	<=30	Pass
			39	21.58	-2.40	19.18	<=30	Pass
		75	0	21.52	-2.40	19.12	<=30	Pass
	1745	1	0	21.91	-2.40	19.51	<=30	Pass
			38	21.90	-2.40	19.50	<=30	Pass
			74	21.71	-2.40	19.31	<=30	Pass
		36	0	21.48	-2.40	19.08	<=30	Pass
			18	21.39	-2.40	18.99	<=30	Pass
			39	21.38	-2.40	18.98	<=30	Pass
		75	0	21.44	-2.40	19.04	<=30	Pass
	1772.5	1	0	21.79	-2.40	19.39	<=30	Pass
			38	21.92	-2.40	19.52	<=30	Pass
			74	21.98	-2.40	19.58	<=30	Pass
		36	0	21.42	-2.40	19.02	<=30	Pass
			18	21.42	-2.40	19.02	<=30	Pass
			39	21.50	-2.40	19.10	<=30	Pass
		75	0	21.49	-2.40	19.09	<=30	Pass
16QAM	1717.5	1	0	21.02	-2.40	18.62	<=30	Pass
			38	21.10	-2.40	18.70	<=30	Pass
			74	21.04	-2.40	18.64	<=30	Pass
		36	0	20.40	-2.40	18.00	<=30	Pass
			18	20.51	-2.40	18.11	<=30	Pass
			39	20.54	-2.40	18.14	<=30	Pass

	1745	75	0	20.52	-2.40	18.12	<=30	Pass
		1	0	21.05	-2.40	18.65	<=30	Pass
			38	21.04	-2.40	18.64	<=30	Pass
			74	20.85	-2.40	18.45	<=30	Pass
		36	0	20.44	-2.40	18.04	<=30	Pass
			18	20.39	-2.40	17.99	<=30	Pass
			39	20.38	-2.40	17.98	<=30	Pass
		75	0	20.40	-2.40	18.00	<=30	Pass
	1772.5	1	0	20.98	-2.40	18.58	<=30	Pass
			38	21.12	-2.40	18.72	<=30	Pass
			74	21.15	-2.40	18.75	<=30	Pass
		36	0	20.44	-2.40	18.04	<=30	Pass
			18	20.43	-2.40	18.03	<=30	Pass
			39	20.51	-2.40	18.11	<=30	Pass
		75	0	20.48	-2.40	18.08	<=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	21.87	-2.40	19.47	<=30	Pass
			50	22.00	-2.40	19.60	<=30	Pass
			99	21.95	-2.40	19.55	<=30	Pass
		50	0	21.36	-2.40	18.96	<=30	Pass
			25	21.59	-2.40	19.19	<=30	Pass
			50	21.73	-2.40	19.33	<=30	Pass
		100	0	21.55	-2.40	19.15	<=30	Pass
	1745	1	0	21.94	-2.40	19.54	<=30	Pass
			50	21.99	-2.40	19.59	<=30	Pass
			99	21.74	-2.40	19.34	<=30	Pass
		50	0	21.53	-2.40	19.13	<=30	Pass
			25	21.47	-2.40	19.07	<=30	Pass
			50	21.45	-2.40	19.05	<=30	Pass
		100	0	21.48	-2.40	19.08	<=30	Pass
	1770	1	0	21.68	-2.40	19.28	<=30	Pass
			50	21.90	-2.40	19.50	<=30	Pass
			99	21.94	-2.40	19.54	<=30	Pass
		50	0	21.46	-2.40	19.06	<=30	Pass
			25	21.42	-2.40	19.02	<=30	Pass
			50	21.51	-2.40	19.11	<=30	Pass
		100	0	21.46	-2.40	19.06	<=30	Pass
16QAM	1720	1	0	20.69	-2.40	18.29	<=30	Pass
			50	20.91	-2.40	18.51	<=30	Pass
			99	20.85	-2.40	18.45	<=30	Pass
		50	0	20.34	-2.40	17.94	<=30	Pass
			25	20.59	-2.40	18.19	<=30	Pass
			50	20.72	-2.40	18.32	<=30	Pass
		100	0	20.53	-2.40	18.13	<=30	Pass
	1745	1	0	20.78	-2.40	18.38	<=30	Pass
			50	20.82	-2.40	18.42	<=30	Pass
			99	20.58	-2.40	18.18	<=30	Pass
		50	0	20.49	-2.40	18.09	<=30	Pass
			25	20.42	-2.40	18.02	<=30	Pass
			50	20.42	-2.40	18.02	<=30	Pass
		100	0	20.45	-2.40	18.05	<=30	Pass
	1770	1	0	20.79	-2.40	18.39	<=30	Pass

			50	21.03	-2.40	18.63	<=30	Pass
			99	20.99	-2.40	18.59	<=30	Pass
		50	0	20.44	-2.40	18.04	<=30	Pass
			25	20.39	-2.40	17.99	<=30	Pass
			50	20.49	-2.40	18.09	<=30	Pass
		100	0	20.46	-2.40	18.06	<=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	-11.101	-0.0065	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
					4.43	3.047	0.0018	-2.5 to 2.5	Pass
				-30	3.85	7.496	0.0044	-2.5 to 2.5	Pass
				-20	3.85	2.317	0.0014	-2.5 to 2.5	Pass
				-10	3.85	8.755	0.0051	-2.5 to 2.5	Pass
				0	3.85	21.529	0.0126	-2.5 to 2.5	Pass
				10	3.85	16.022	0.0094	-2.5 to 2.5	Pass
				30	3.85	7.081	0.0041	-2.5 to 2.5	Pass
				40	3.85	11.144	0.0065	-2.5 to 2.5	Pass
				50	3.85	5.579	0.0033	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-7.324	-0.0042	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
					4.43	6.924	0.0040	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0015	-2.5 to 2.5	Pass
				-20	3.85	5.121	0.0029	-2.5 to 2.5	Pass
				-10	3.85	17.481	0.0100	-2.5 to 2.5	Pass
				0	3.85	11.215	0.0064	-2.5 to 2.5	Pass
				10	3.85	15.106	0.0087	-2.5 to 2.5	Pass
				30	3.85	11.916	0.0068	-2.5 to 2.5	Pass
				40	3.85	12.717	0.0073	-2.5 to 2.5	Pass
				50	3.85	5.565	0.0032	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	13.433	0.0075	-2.5 to 2.5	Pass
					3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
					4.43	8.068	0.0045	-2.5 to 2.5	Pass
				-30	3.85	12.202	0.0069	-2.5 to 2.5	Pass
				-20	3.85	12.188	0.0068	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				0	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				30	3.85	5.550	0.0031	-2.5 to 2.5	Pass
				40	3.85	11.830	0.0066	-2.5 to 2.5	Pass
				50	3.85	4.706	0.0026	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	15.607	0.0091	-2.5 to 2.5	Pass
					3.85	9.298	0.0054	-2.5 to 2.5	Pass
					4.43	7.796	0.0046	-2.5 to 2.5	Pass
				-30	3.85	7.010	0.0041	-2.5 to 2.5	Pass
				-20	3.85	7.038	0.0041	-2.5 to 2.5	Pass
				-10	3.85	6.981	0.0041	-2.5 to 2.5	Pass

				0	3.85	-28.110	-0.0164	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				30	3.85	7.553	0.0044	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	3.047	0.0018	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	12.503	0.0072	-2.5 to 2.5	Pass
					3.85	7.524	0.0043	-2.5 to 2.5	Pass
					4.43	6.552	0.0038	-2.5 to 2.5	Pass
				-30	3.85	11.745	0.0067	-2.5 to 2.5	Pass
				-20	3.85	9.427	0.0054	-2.5 to 2.5	Pass
				-10	3.85	12.331	0.0071	-2.5 to 2.5	Pass
				0	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				10	3.85	10.314	0.0059	-2.5 to 2.5	Pass
				30	3.85	5.193	0.0030	-2.5 to 2.5	Pass
				40	3.85	4.392	0.0025	-2.5 to 2.5	Pass
				50	3.85	6.123	0.0035	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	11.101	0.0062	-2.5 to 2.5	Pass
					3.85	2.375	0.0013	-2.5 to 2.5	Pass
					4.43	7.839	0.0044	-2.5 to 2.5	Pass
				-30	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	2.332	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	10.486	0.0059	-2.5 to 2.5	Pass
				10	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0005	-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	-9.527	-0.0056	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	5.651	0.0033	-2.5 to 2.5	Pass
				-10	3.85	6.137	0.0036	-2.5 to 2.5	Pass
				0	3.85	3.133	0.0018	-2.5 to 2.5	Pass
				10	3.85	11.673	0.0068	-2.5 to 2.5	Pass
				30	3.85	11.258	0.0066	-2.5 to 2.5	Pass
				40	3.85	12.875	0.0075	-2.5 to 2.5	Pass
				50	3.85	8.926	0.0052	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	10.557	0.0060	-2.5 to 2.5	Pass
					3.85	11.516	0.0066	-2.5 to 2.5	Pass
					4.43	7.882	0.0045	-2.5 to 2.5	Pass
				-30	3.85	8.326	0.0048	-2.5 to 2.5	Pass
				-20	3.85	5.736	0.0033	-2.5 to 2.5	Pass
				-10	3.85	7.524	0.0043	-2.5 to 2.5	Pass
				0	3.85	6.480	0.0037	-2.5 to 2.5	Pass
				10	3.85	11.330	0.0065	-2.5 to 2.5	Pass
				30	3.85	4.606	0.0026	-2.5 to 2.5	Pass
				40	3.85	4.549	0.0026	-2.5 to 2.5	Pass
				50	3.85	8.941	0.0051	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	5.722	0.0032	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	10.986	0.0062	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.189	0.0012	-2.5 to 2.5	Pass
				10	3.85	8.926	0.0050	-2.5 to 2.5	Pass
				30	3.85	5.951	0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				50	3.85	4.191	0.0024	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	7.696	0.0045	-2.5 to 2.5	Pass
					3.85	13.504	0.0079	-2.5 to 2.5	Pass
					4.43	7.038	0.0041	-2.5 to 2.5	Pass
				-30	3.85	3.719	0.0022	-2.5 to 2.5	Pass
				-20	3.85	5.579	0.0033	-2.5 to 2.5	Pass
				-10	3.85	4.735	0.0028	-2.5 to 2.5	Pass
				0	3.85	8.411	0.0049	-2.5 to 2.5	Pass
				10	3.85	16.851	0.0098	-2.5 to 2.5	Pass
	1745	15	0	30	3.85	5.965	0.0035	-2.5 to 2.5	Pass
				40	3.85	8.755	0.0051	-2.5 to 2.5	Pass
				50	3.85	-8.826	-0.0052	-2.5 to 2.5	Pass
				20	3.27	5.622	0.0032	-2.5 to 2.5	Pass
					3.85	4.807	0.0028	-2.5 to 2.5	Pass
					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.992	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
	1778.5	15	0	-10	3.85	10.672	0.0061	-2.5 to 2.5	Pass
				0	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				10	3.85	9.298	0.0053	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				50	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				20	3.27	9.313	0.0052	-2.5 to 2.5	Pass
					3.85	0.715	0.0004	-2.5 to 2.5	Pass
					4.43	2.003	0.0011	-2.5 to 2.5	Pass
				-30	3.85	5.965	0.0034	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				0	3.85	5.679	0.0032	-2.5 to 2.5	Pass
				10	3.85	7.739	0.0044	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0010	-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	2.446	0.0014	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
					4.43	5.279	0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	5.651	0.0033	-2.5 to 2.5	Pass
				-10	3.85	5.207	0.0030	-2.5 to 2.5	Pass
				0	3.85	11.759	0.0069	-2.5 to 2.5	Pass
				10	3.85	7.567	0.0044	-2.5 to 2.5	Pass
				30	3.85	9.227	0.0054	-2.5 to 2.5	Pass
				40	3.85	8.755	0.0051	-2.5 to 2.5	Pass
				50	3.85	7.296	0.0043	-2.5 to 2.5	Pass

	1745	25	0	20	3.27	6.394	0.0037	-2.5 to 2.5	Pass
					3.85	6.380	0.0037	-2.5 to 2.5	Pass
					4.43	11.387	0.0065	-2.5 to 2.5	Pass
				-30	3.85	3.719	0.0021	-2.5 to 2.5	Pass
				-20	3.85	7.038	0.0040	-2.5 to 2.5	Pass
				-10	3.85	6.609	0.0038	-2.5 to 2.5	Pass
				0	3.85	6.108	0.0035	-2.5 to 2.5	Pass
				10	3.85	7.010	0.0040	-2.5 to 2.5	Pass
				30	3.85	3.777	0.0022	-2.5 to 2.5	Pass
				40	3.85	11.959	0.0069	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-5.107	-0.0029	-2.5 to 2.5	Pass
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				10	3.85	8.283	0.0047	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				40	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				50	3.85	4.950	0.0028	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	12.317	0.0072	-2.5 to 2.5	Pass
					3.85	18.225	0.0106	-2.5 to 2.5	Pass
					4.43	3.347	0.0020	-2.5 to 2.5	Pass
				-30	3.85	6.409	0.0037	-2.5 to 2.5	Pass
				-20	3.85	3.476	0.0020	-2.5 to 2.5	Pass
				-10	3.85	6.881	0.0040	-2.5 to 2.5	Pass
				0	3.85	9.513	0.0056	-2.5 to 2.5	Pass
				10	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				30	3.85	5.364	0.0031	-2.5 to 2.5	Pass
				40	3.85	4.606	0.0027	-2.5 to 2.5	Pass
				50	3.85	5.708	0.0033	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.891	-0.0022	-2.5 to 2.5	Pass
					3.85	3.004	0.0017	-2.5 to 2.5	Pass
					4.43	1.688	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	7.653	0.0044	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				0	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				40	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				50	3.85	7.710	0.0044	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	10.958	0.0062	-2.5 to 2.5	Pass
					3.85	2.074	0.0012	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				10	3.85	9.198	0.0052	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.558	0.0003	-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	2.546	0.0015	-2.5 to 2.5	Pass
					3.85	0.958	0.0006	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.575	0.0015	-2.5 to 2.5	Pass
				-20	3.85	6.809	0.0040	-2.5 to 2.5	Pass
				-10	3.85	4.306	0.0025	-2.5 to 2.5	Pass
				0	3.85	2.189	0.0013	-2.5 to 2.5	Pass
				10	3.85	14.491	0.0084	-2.5 to 2.5	Pass
				30	3.85	2.689	0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0007	-2.5 to 2.5	Pass
				50	3.85	1.116	0.0007	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.948	-0.0023	-2.5 to 2.5	Pass
					3.85	2.360	0.0014	-2.5 to 2.5	Pass
					4.43	3.290	0.0019	-2.5 to 2.5	Pass
				-30	3.85	5.808	0.0033	-2.5 to 2.5	Pass
				-20	3.85	4.735	0.0027	-2.5 to 2.5	Pass
				-10	3.85	5.937	0.0034	-2.5 to 2.5	Pass
				0	3.85	4.463	0.0026	-2.5 to 2.5	Pass
				10	3.85	7.768	0.0045	-2.5 to 2.5	Pass
				30	3.85	6.280	0.0036	-2.5 to 2.5	Pass
				40	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				50	3.85	8.097	0.0046	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	1.144	0.0006	-2.5 to 2.5	Pass
					3.85	3.433	0.0019	-2.5 to 2.5	Pass
					4.43	6.952	0.0039	-2.5 to 2.5	Pass
				-30	3.85	2.861	0.0016	-2.5 to 2.5	Pass
				-20	3.85	3.920	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				0	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				10	3.85	7.253	0.0041	-2.5 to 2.5	Pass
				30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.702	0.0010	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	5.779	0.0034	-2.5 to 2.5	Pass
					3.85	1.731	0.0010	-2.5 to 2.5	Pass
					4.43	2.689	0.0016	-2.5 to 2.5	Pass
				-30	3.85	4.835	0.0028	-2.5 to 2.5	Pass
				-20	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-10	3.85	9.398	0.0055	-2.5 to 2.5	Pass
				0	3.85	5.779	0.0034	-2.5 to 2.5	Pass
				10	3.85	4.792	0.0028	-2.5 to 2.5	Pass
				30	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				40	3.85	7.110	0.0041	-2.5 to 2.5	Pass
				50	3.85	5.164	0.0030	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	5.107	0.0029	-2.5 to 2.5	Pass
					3.85	4.649	0.0027	-2.5 to 2.5	Pass
					4.43	2.446	0.0014	-2.5 to 2.5	Pass
				-30	3.85	5.493	0.0031	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.347	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.635	0.0027	-2.5 to 2.5	Pass
				10	3.85	4.935	0.0028	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				40	3.85	8.082	0.0046	-2.5 to 2.5	Pass
				50	3.85	5.193	0.0030	-2.5 to 2.5	Pass

	1775	50	0	20	3.27	4.478	0.0025	-2.5 to 2.5	Pass
					3.85	4.277	0.0024	-2.5 to 2.5	Pass
					4.43	1.745	0.0010	-2.5 to 2.5	Pass
				-30	3.85	7.968	0.0045	-2.5 to 2.5	Pass
				-20	3.85	9.584	0.0054	-2.5 to 2.5	Pass
				-10	3.85	6.838	0.0039	-2.5 to 2.5	Pass
				0	3.85	2.890	0.0016	-2.5 to 2.5	Pass
				10	3.85	9.170	0.0052	-2.5 to 2.5	Pass
				30	3.85	8.483	0.0048	-2.5 to 2.5	Pass
				40	3.85	10.843	0.0061	-2.5 to 2.5	Pass
				50	3.85	5.279	0.0030	-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	-1.559	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
					4.43	0.343	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				-10	3.85	3.376	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				30	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				40	3.85	6.638	0.0039	-2.5 to 2.5	Pass
				50	3.85	7.367	0.0043	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	1.516	0.0009	-2.5 to 2.5	Pass
					3.85	1.588	0.0009	-2.5 to 2.5	Pass
					4.43	2.918	0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				-20	3.85	5.736	0.0033	-2.5 to 2.5	Pass
				-10	3.85	5.307	0.0030	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				50	3.85	3.390	0.0019	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.350	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.148	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	2.661	0.0015	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
					4.43	0.615	0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.548	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.618	0.0015	-2.5 to 2.5	Pass
				0	3.85	4.263	0.0025	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0016	-2.5 to 2.5	Pass

	1745	75	0	30	3.85	6.151	0.0036	-2.5 to 2.5	Pass
				40	3.85	3.748	0.0022	-2.5 to 2.5	Pass
				50	3.85	8.626	0.0050	-2.5 to 2.5	Pass
				20	3.27	-2.160	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	4.091	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
	1772.5	75	0	0	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-3.605	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.748	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-8.297	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.832	-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	3.27	4.663	0.0027	-2.5 to 2.5	Pass
					3.85	2.346	0.0014	-2.5 to 2.5	Pass
					4.43	4.692	0.0027	-2.5 to 2.5	Pass
				-30	3.85	1.817	0.0011	-2.5 to 2.5	Pass
				-20	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				-10	3.85	6.166	0.0036	-2.5 to 2.5	Pass
				0	3.85	4.935	0.0029	-2.5 to 2.5	Pass
				10	3.85	3.419	0.0020	-2.5 to 2.5	Pass
				30	3.85	3.719	0.0022	-2.5 to 2.5	Pass
				40	3.85	4.935	0.0029	-2.5 to 2.5	Pass
				50	3.85	4.163	0.0024	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	0.844	0.0005	-2.5 to 2.5	Pass
					4.43	1.459	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				10	3.85	4.048	0.0023	-2.5 to 2.5	Pass
				30	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				40	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				50	3.85	3.076	0.0018	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	2.432	0.0014	-2.5 to 2.5	Pass
					3.85	2.275	0.0013	-2.5 to 2.5	Pass
					4.43	1.488	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass

16QAM				-10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
	1720	100	0	50	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				20	3.27	3.104	0.0018	-2.5 to 2.5	Pass
					3.85	2.060	0.0012	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				30	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.503	0.0015	-2.5 to 2.5	Pass
				50	3.85	2.217	0.0013	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.744	0.0004	-2.5 to 2.5	Pass
					3.85	1.416	0.0008	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	3.219	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.229	0.0001	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	2.260	0.0013	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.618	0.0015	-2.5 to 2.5	Pass
				-10	3.85	5.050	0.0029	-2.5 to 2.5	Pass
				0	3.85	7.052	0.0040	-2.5 to 2.5	Pass
				10	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

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

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTV					
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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

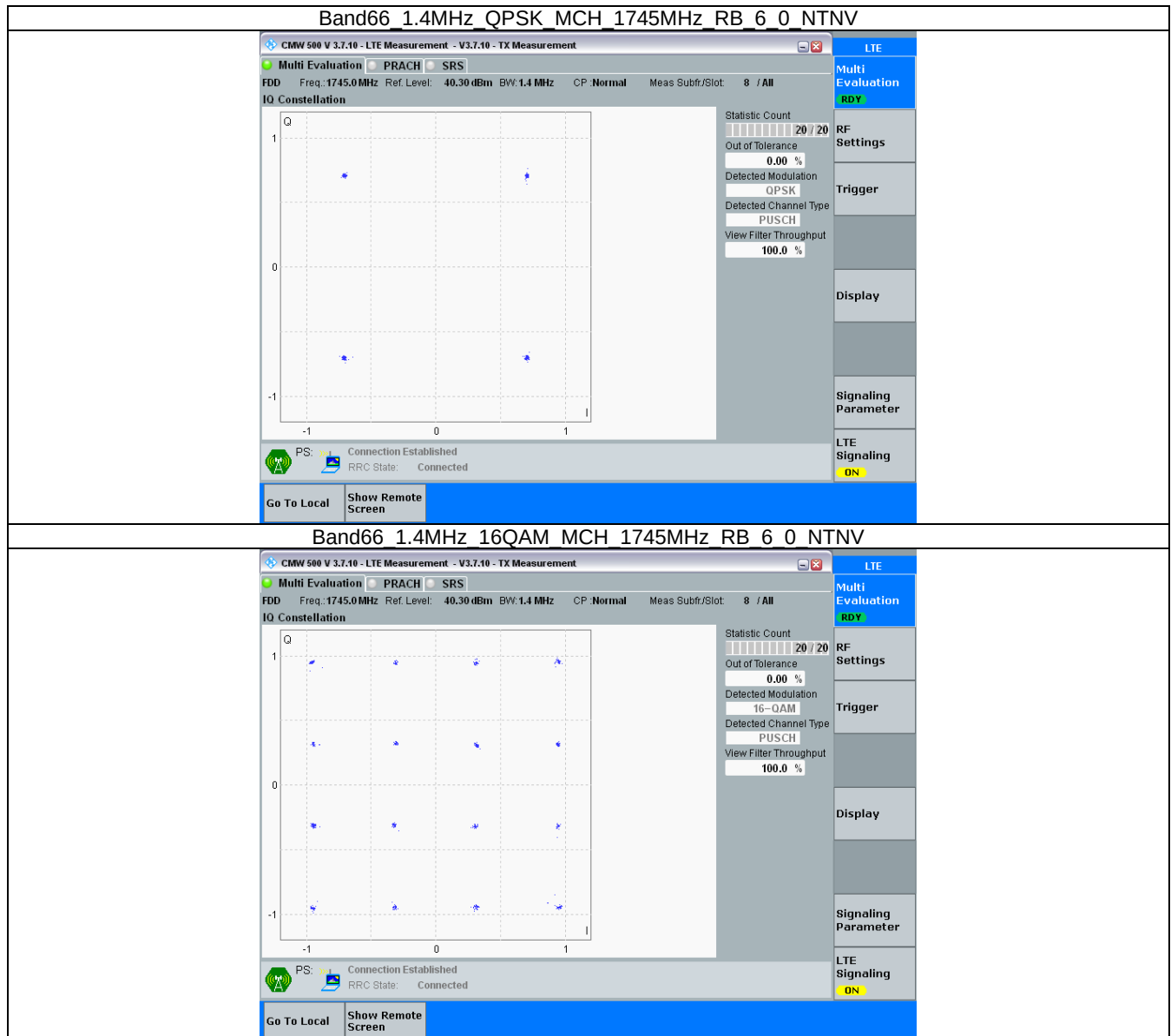
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

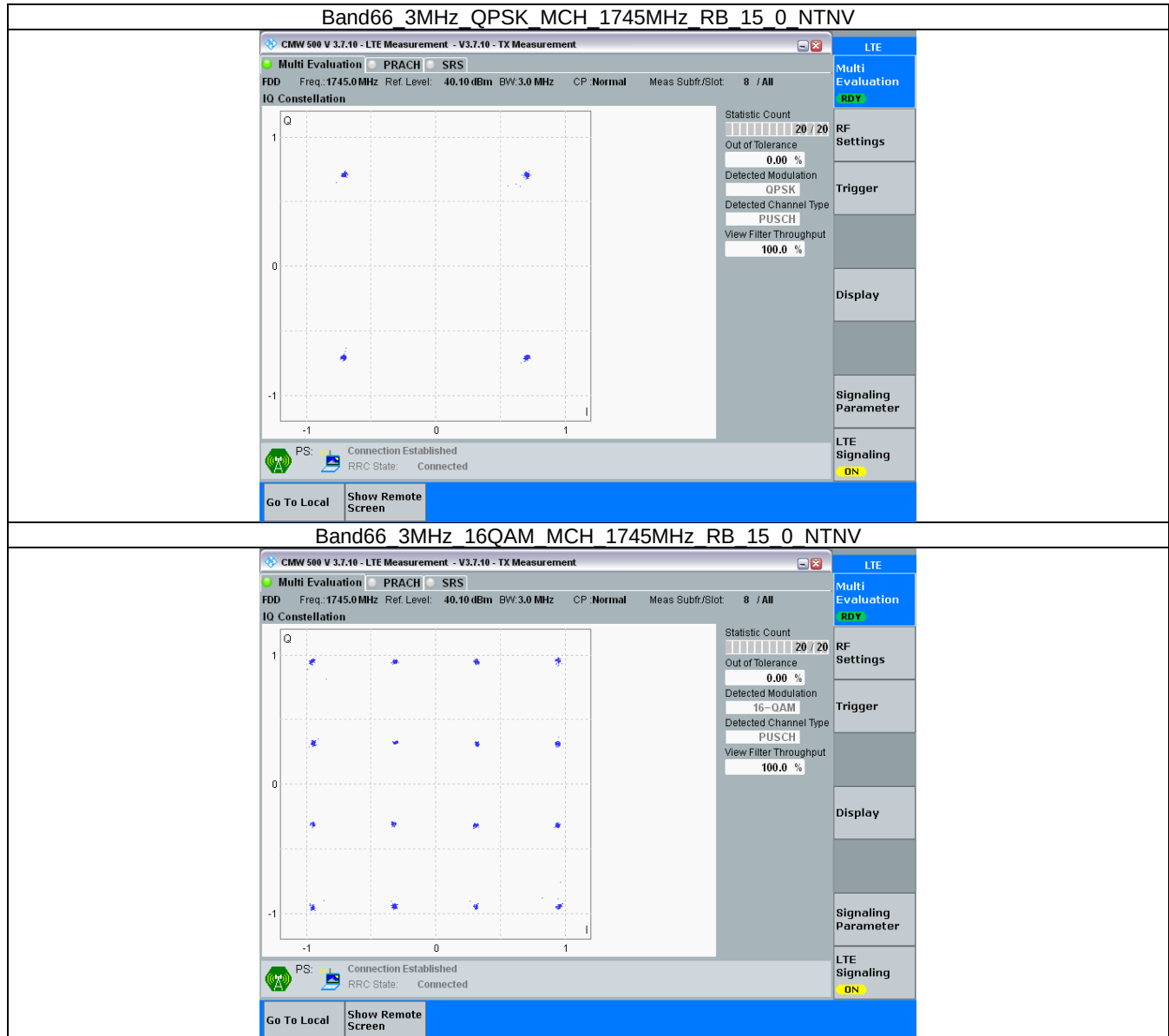
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

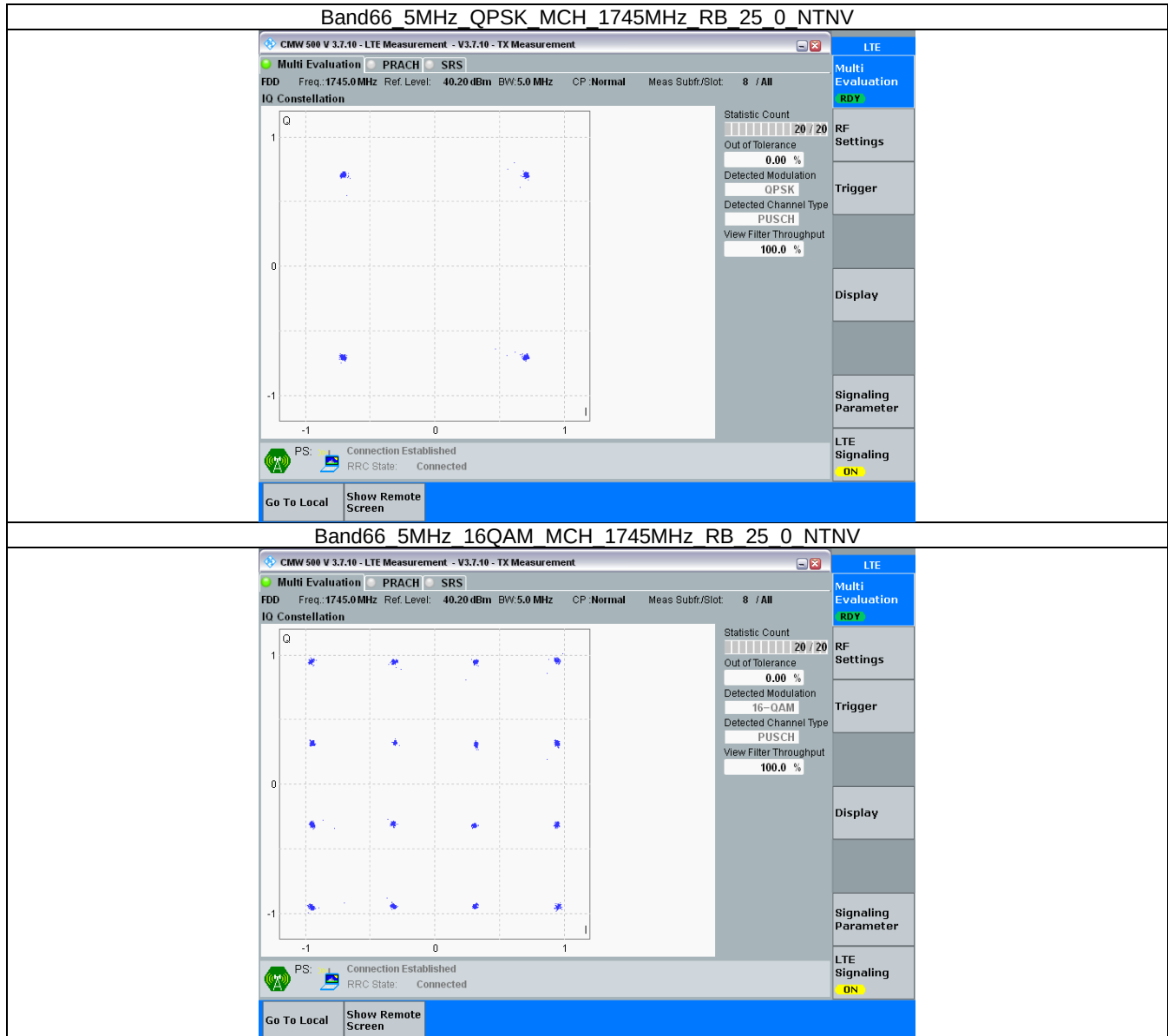
3.2.1 B66_1.4MHz



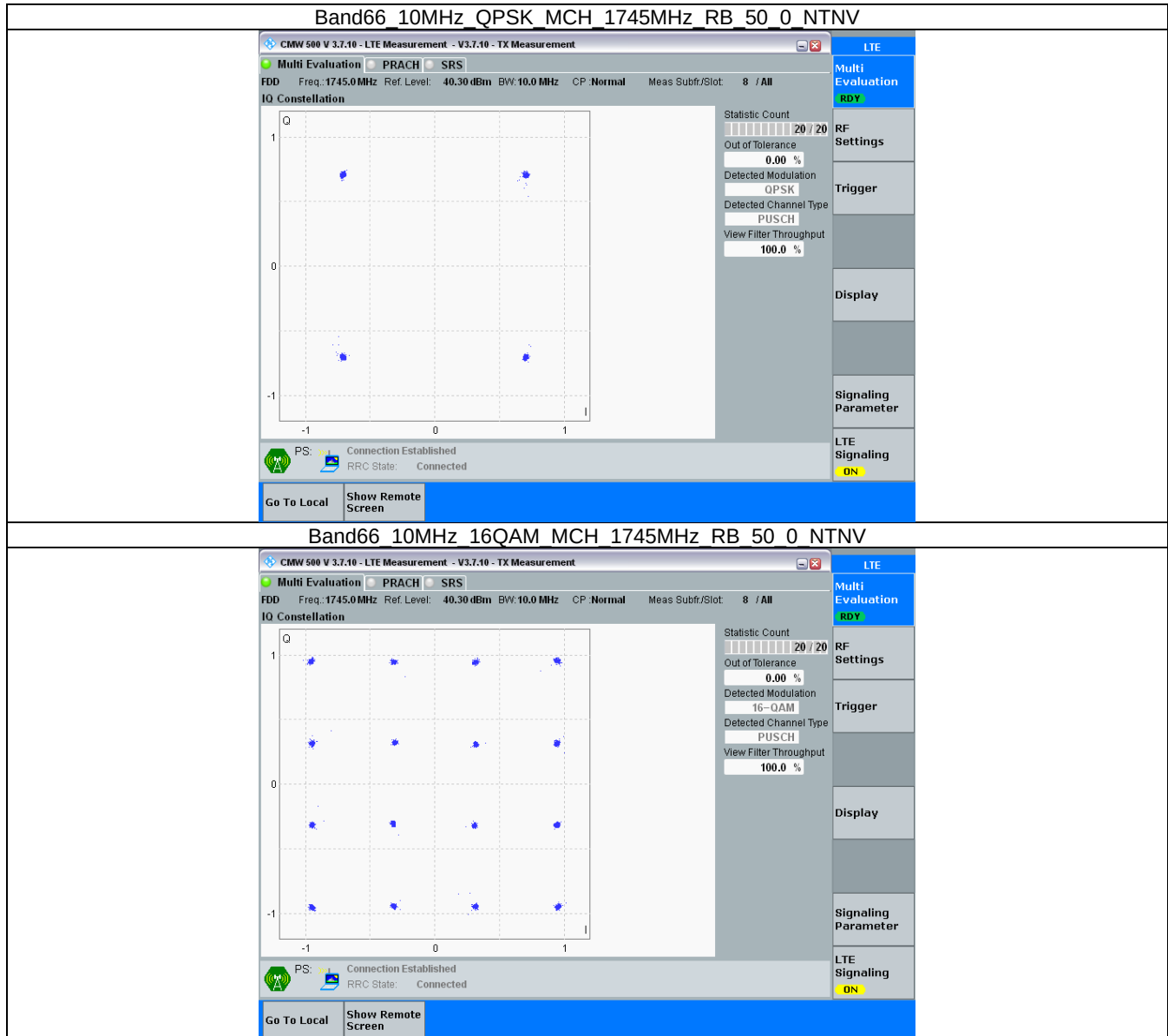
3.2.2 B66_3MHz



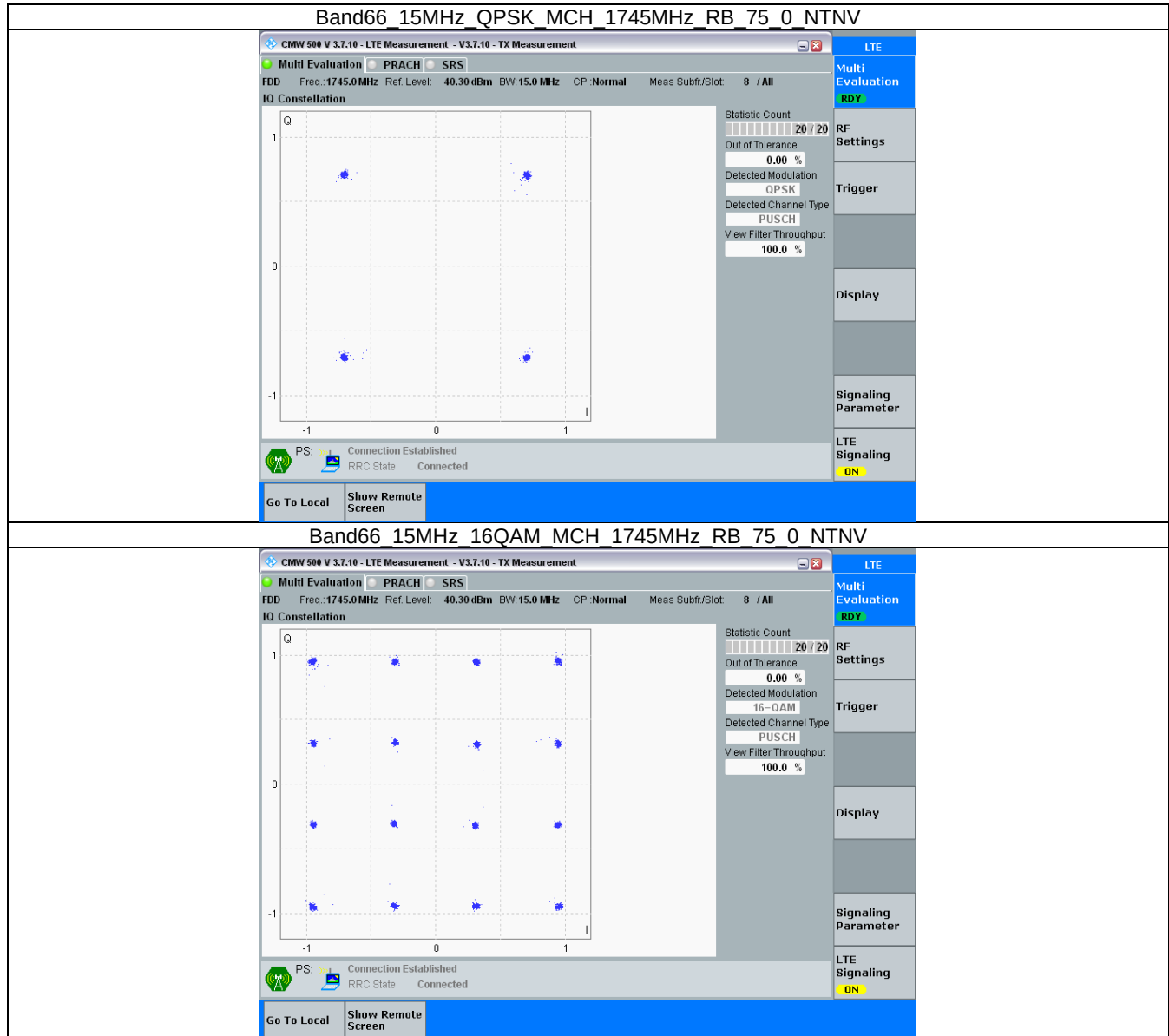
3.2.3 B66_5MHz



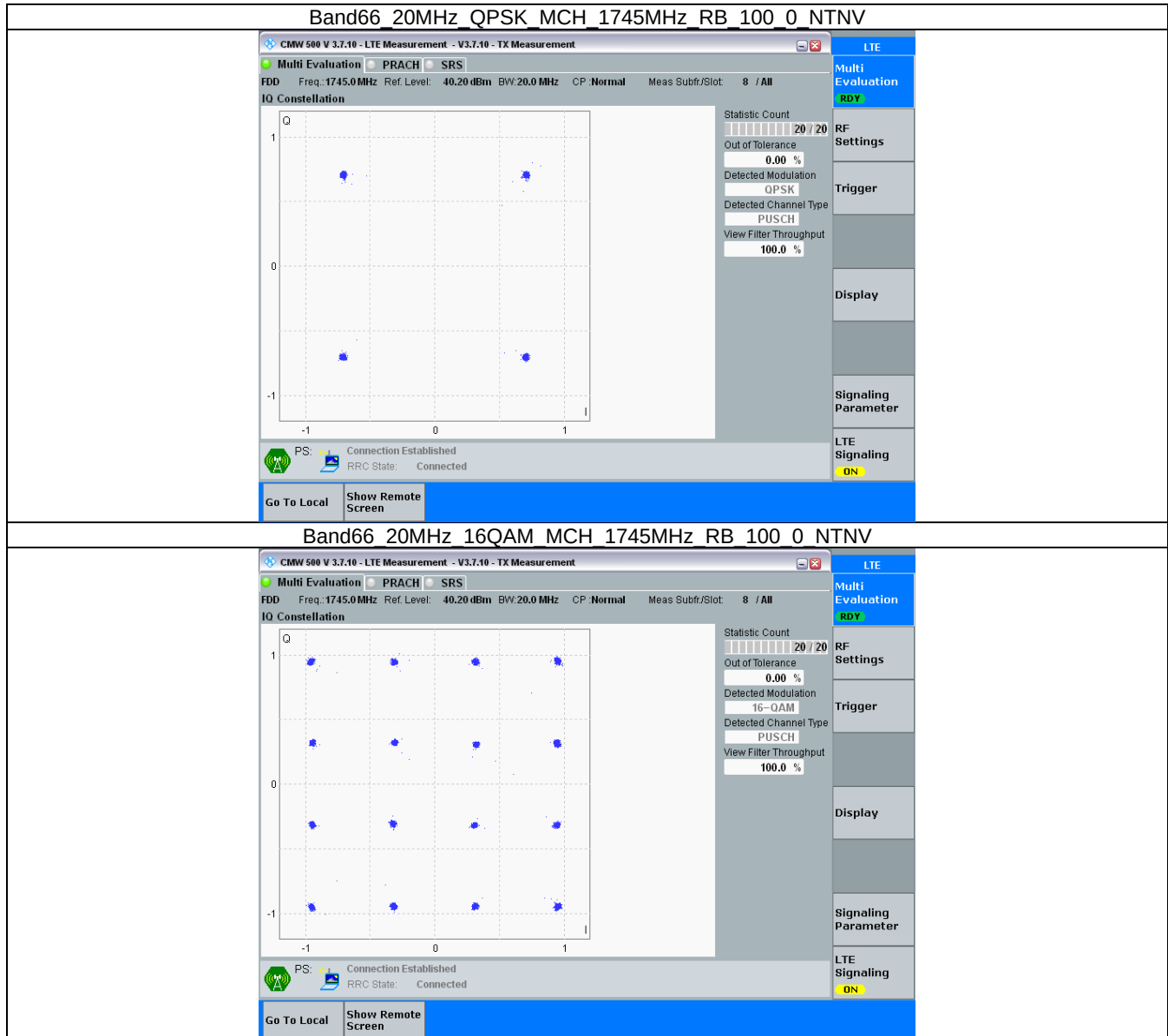
3.2.4 B66_10MHz



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	1.110	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.108	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.114	/	Pass
3	QPSK	1711.5	15	0	2.733	/	Pass
		1745	15	0	2.723	/	Pass
		1778.5	15	0	2.735	/	Pass
	16QAM	1711.5	15	0	2.724	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.542	/	Pass
		1745	25	0	4.555	/	Pass
		1777.5	25	0	4.554	/	Pass
	16QAM	1712.5	25	0	4.549	/	Pass
		1745	25	0	4.549	/	Pass
		1777.5	25	0	4.537	/	Pass
10	QPSK	1715	50	0	9.082	/	Pass
		1745	50	0	9.059	/	Pass
		1775	50	0	9.061	/	Pass
	16QAM	1715	50	0	9.063	/	Pass
		1745	50	0	9.047	/	Pass
		1775	50	0	9.039	/	Pass
15	QPSK	1717.5	75	0	13.542	/	Pass
		1745	75	0	13.625	/	Pass
		1772.5	75	0	13.620	/	Pass
	16QAM	1717.5	75	0	13.560	/	Pass
		1745	75	0	13.611	/	Pass
		1772.5	75	0	13.627	/	Pass
20	QPSK	1720	100	0	18.064	/	Pass
		1745	100	0	18.108	/	Pass
		1770	100	0	18.142	/	Pass
	16QAM	1720	100	0	18.056	/	Pass
		1745	100	0	18.091	/	Pass
		1770	100	0	18.107	/	Pass

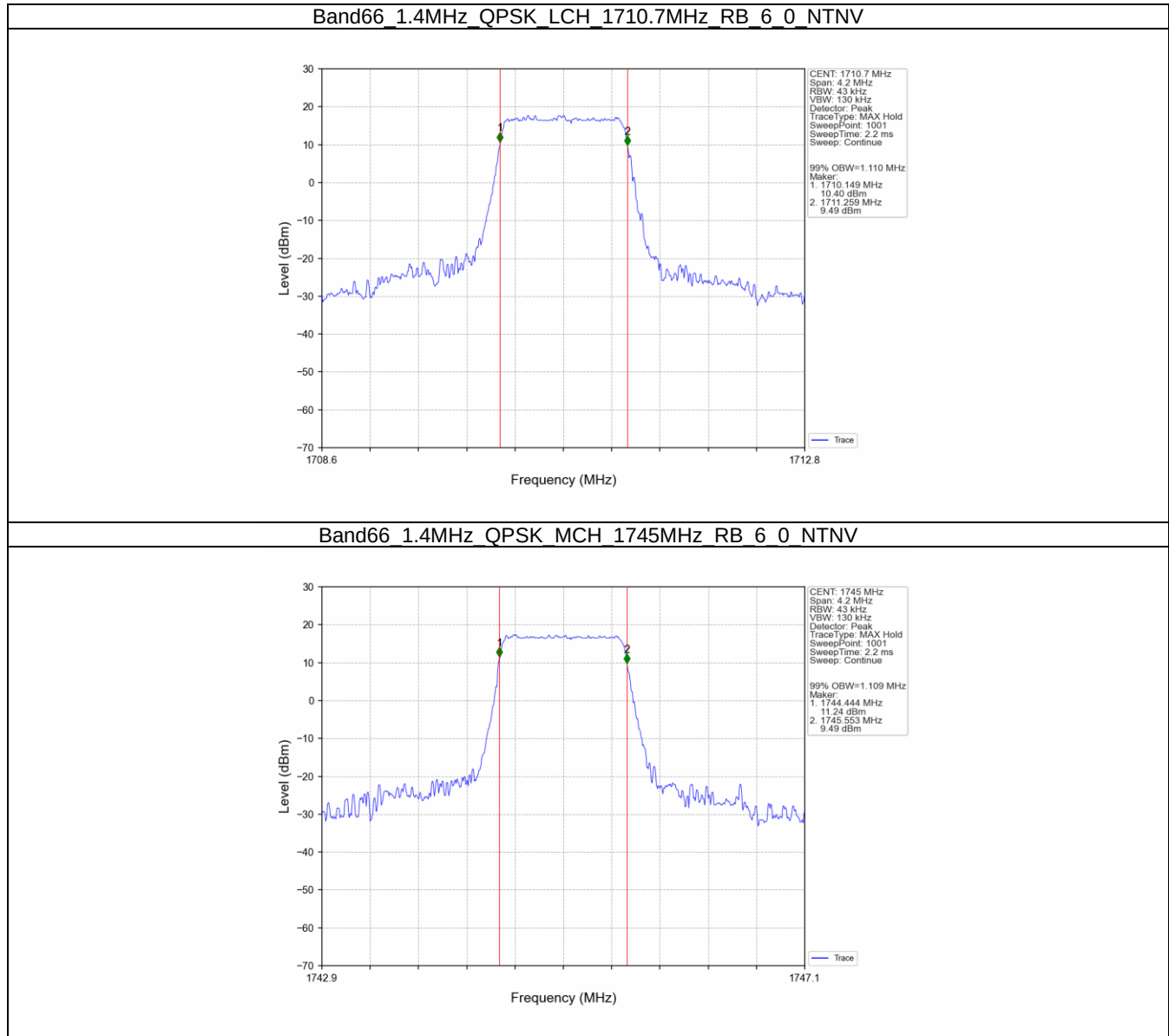
4.1.2 Band66_XDB

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	1.347	/	Pass
		1745	6	0	1.331	/	Pass
		1779.3	6	0	1.314	/	Pass

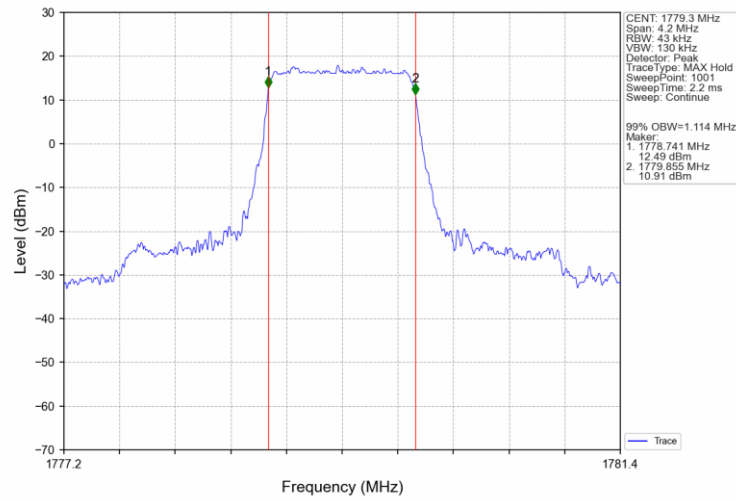
	16QAM	1710.7	6	0	1.316	/	Pass
		1745	6	0	1.338	/	Pass
		1779.3	6	0	1.339	/	Pass
3	QPSK	1711.5	15	0	3.006	/	Pass
		1745	15	0	3.036	/	Pass
		1778.5	15	0	3.013	/	Pass
	16QAM	1711.5	15	0	3.014	/	Pass
		1745	15	0	3.015	/	Pass
		1778.5	15	0	3.030	/	Pass
5	QPSK	1712.5	25	0	5.049	/	Pass
		1745	25	0	5.043	/	Pass
		1777.5	25	0	5.059	/	Pass
	16QAM	1712.5	25	0	5.065	/	Pass
		1745	25	0	5.022	/	Pass
		1777.5	25	0	5.027	/	Pass
10	QPSK	1715	50	0	9.944	/	Pass
		1745	50	0	9.914	/	Pass
		1775	50	0	10.040	/	Pass
	16QAM	1715	50	0	10.000	/	Pass
		1745	50	0	9.907	/	Pass
		1775	50	0	9.919	/	Pass
15	QPSK	1717.5	75	0	15.008	/	Pass
		1745	75	0	14.942	/	Pass
		1772.5	75	0	14.949	/	Pass
	16QAM	1717.5	75	0	14.870	/	Pass
		1745	75	0	14.976	/	Pass
		1772.5	75	0	14.946	/	Pass
20	QPSK	1720	100	0	19.976	/	Pass
		1745	100	0	19.771	/	Pass
		1770	100	0	19.622	/	Pass
	16QAM	1720	100	0	19.861	/	Pass
		1745	100	0	19.889	/	Pass
		1770	100	0	19.693	/	Pass

4.2 Test Graph

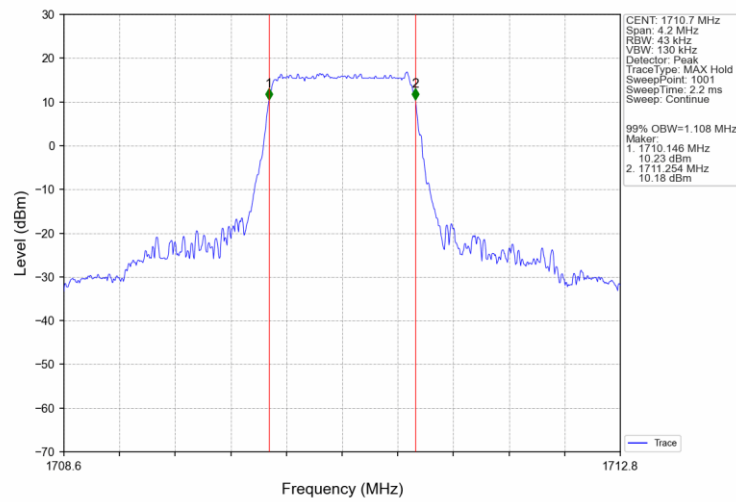
4.2.1 Band66_OBW



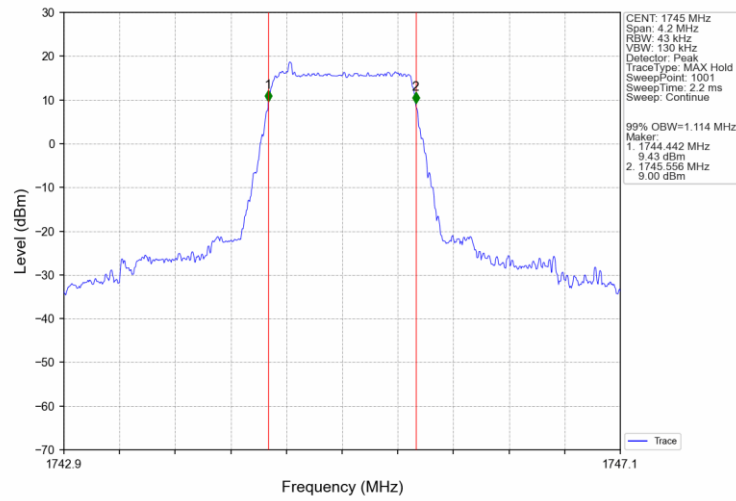
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



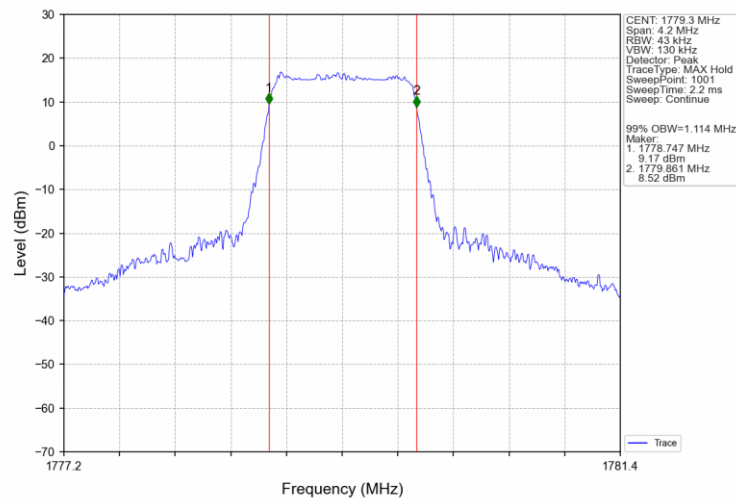
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



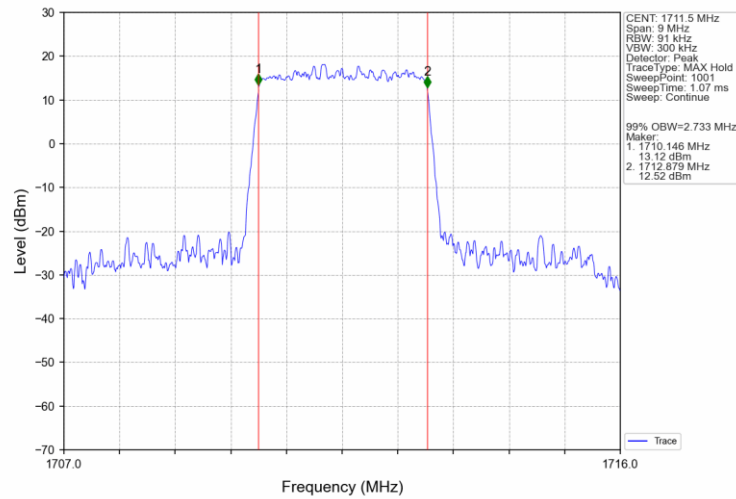
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



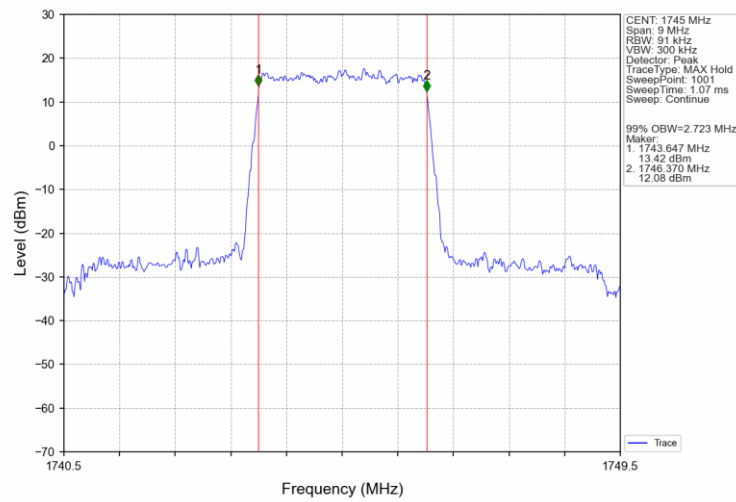
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



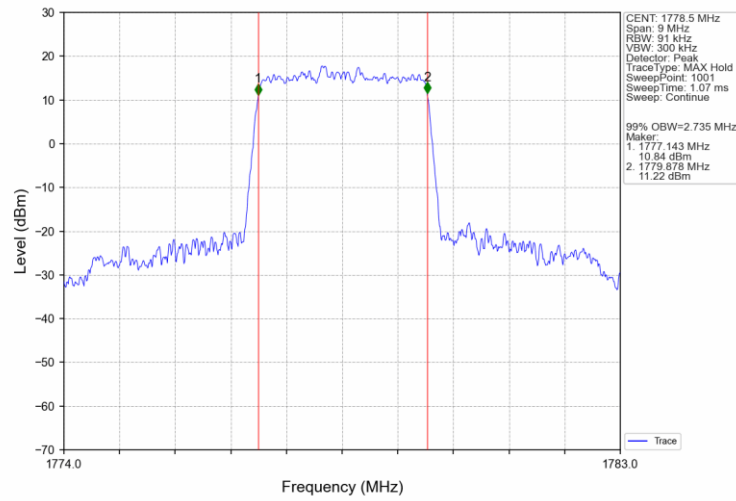
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



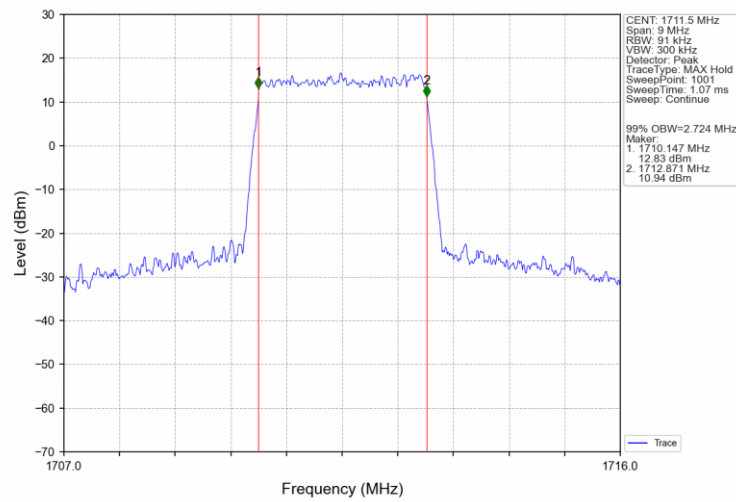
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



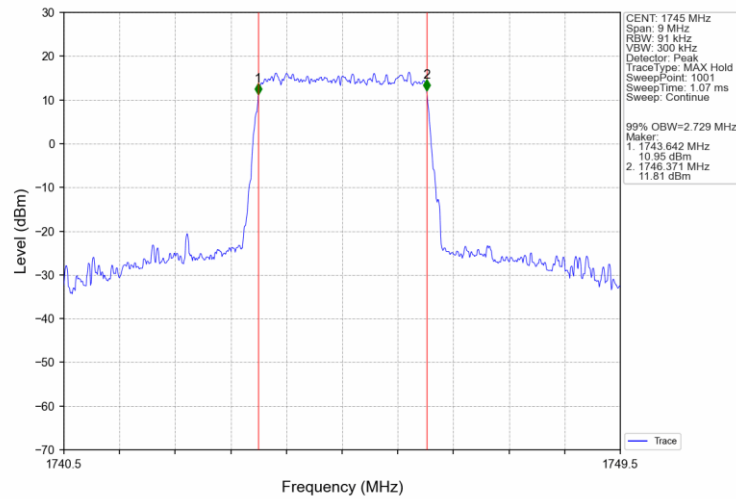
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



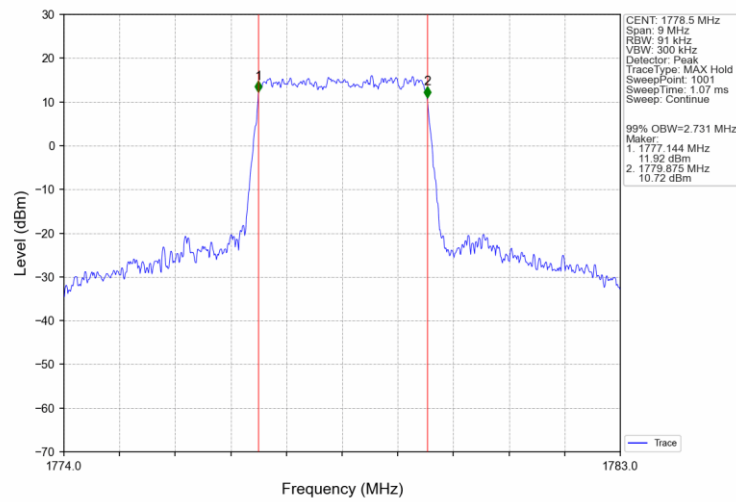
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



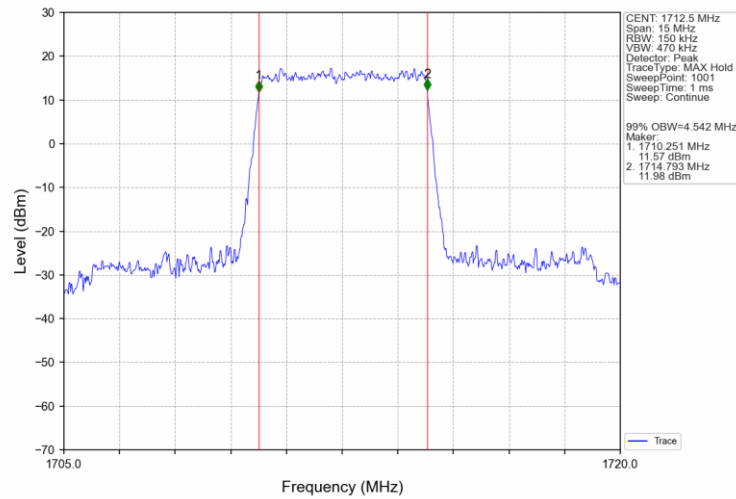
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



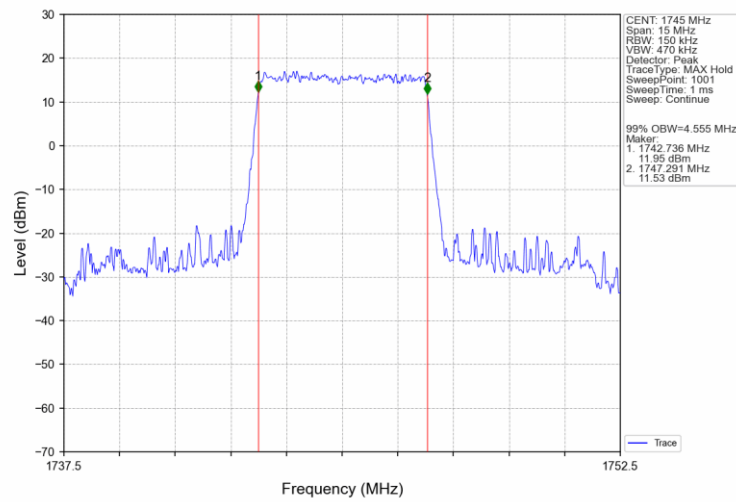
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



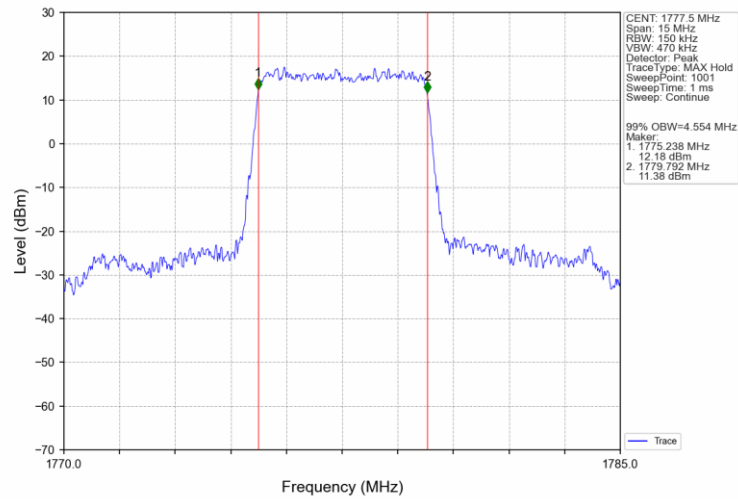
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



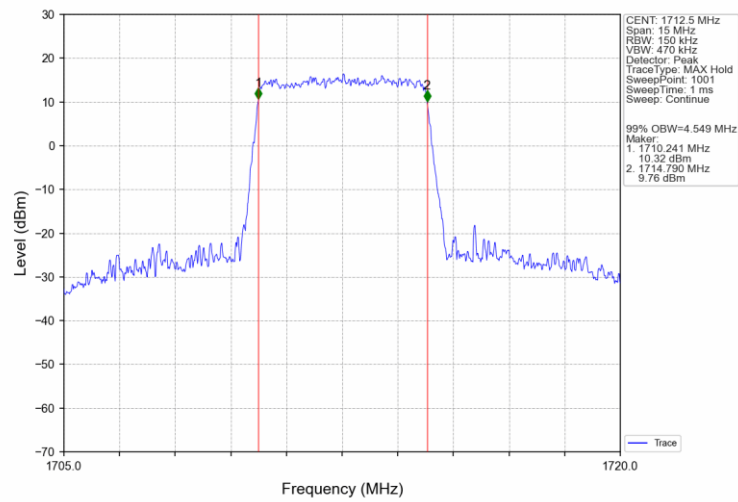
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



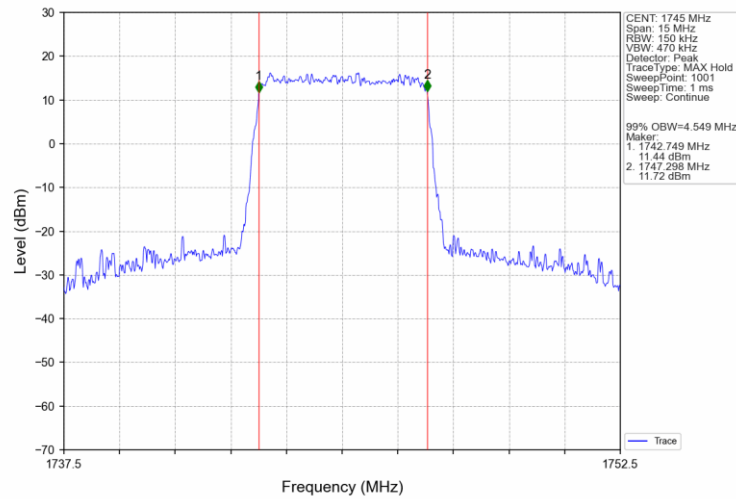
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



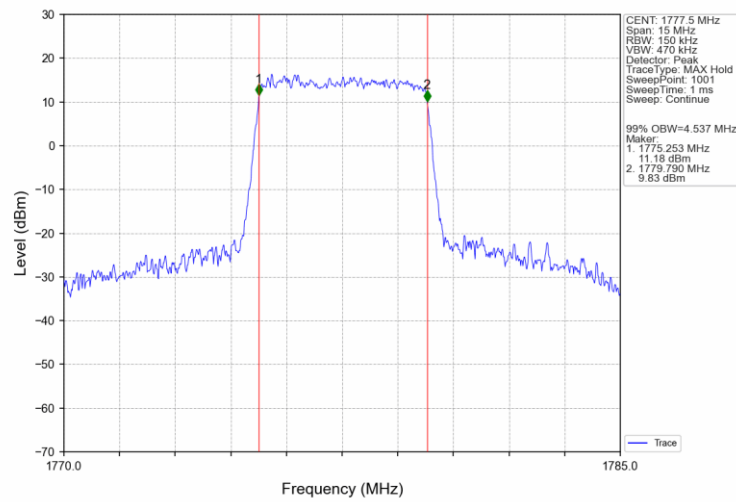
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



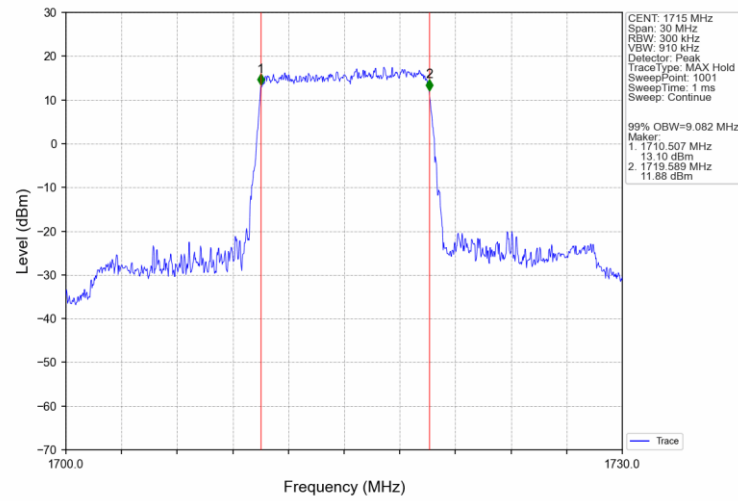
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



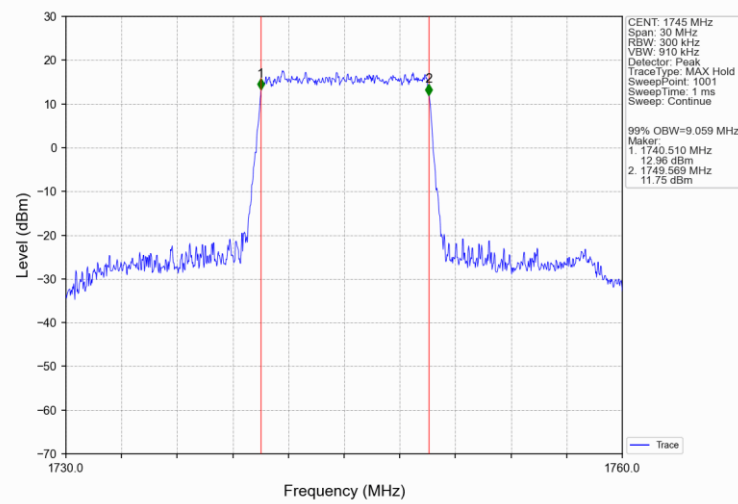
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



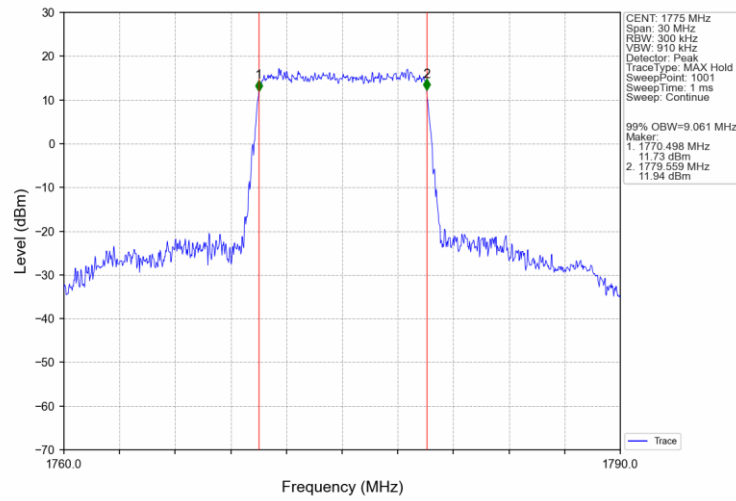
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



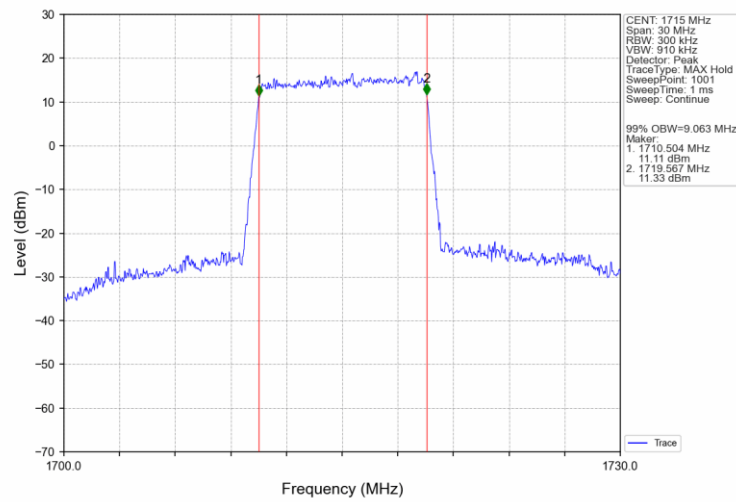
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



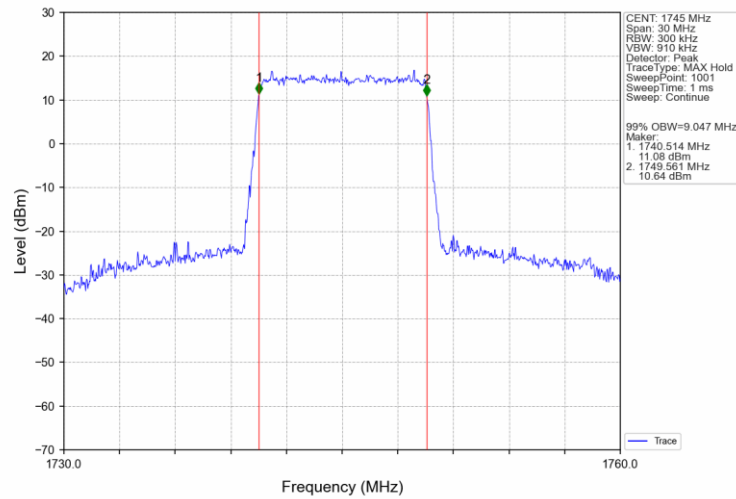
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



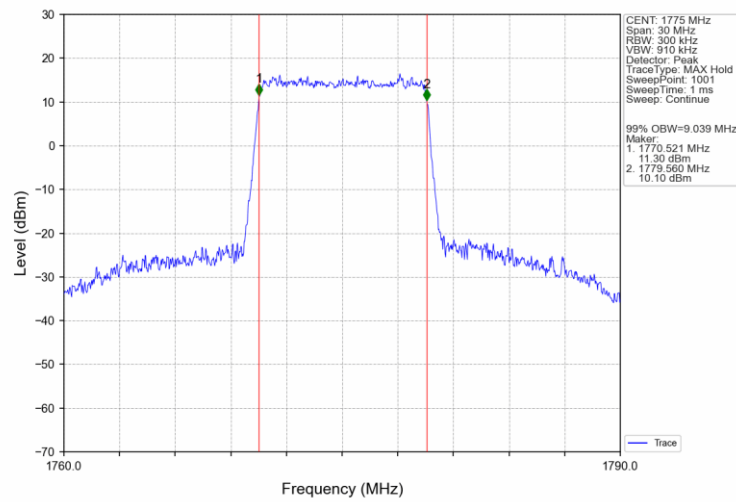
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



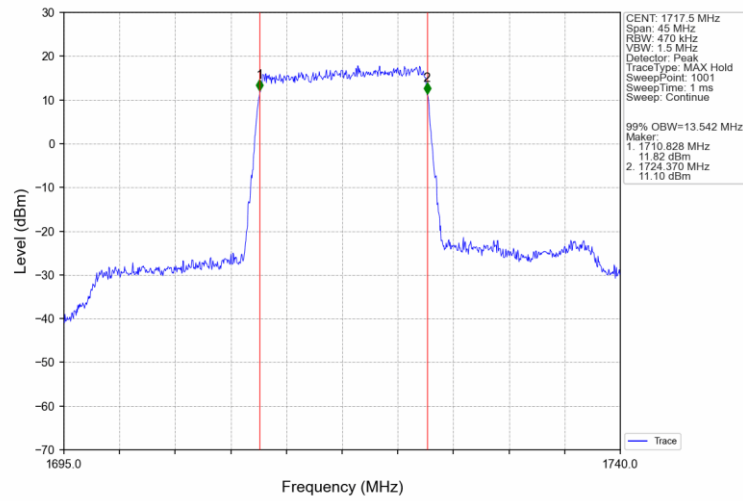
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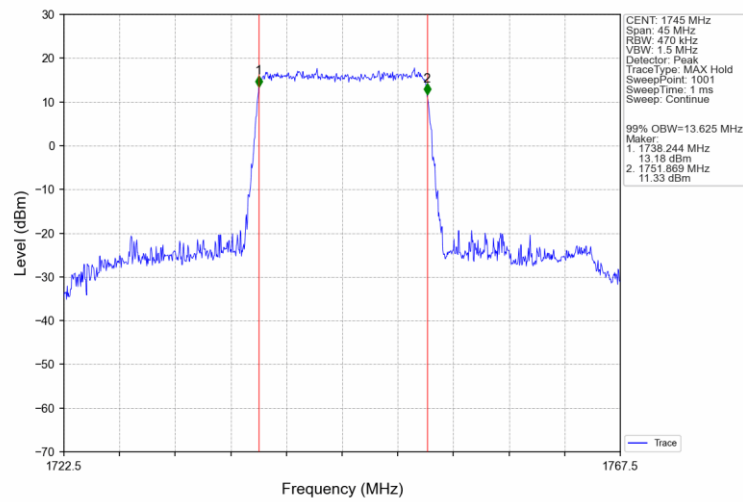
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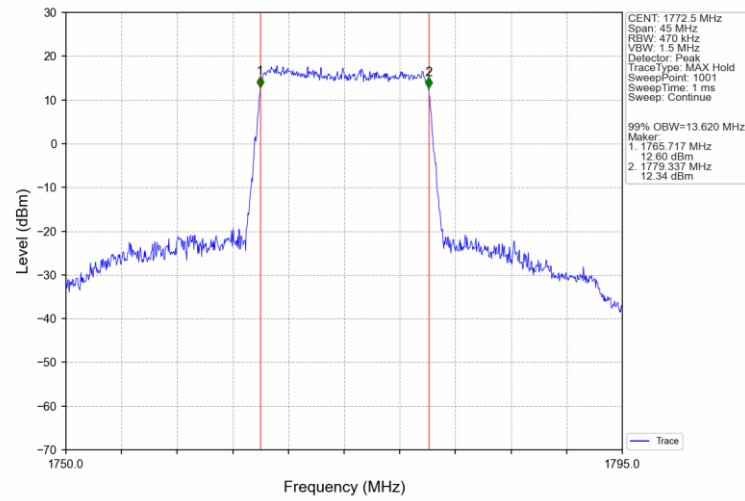
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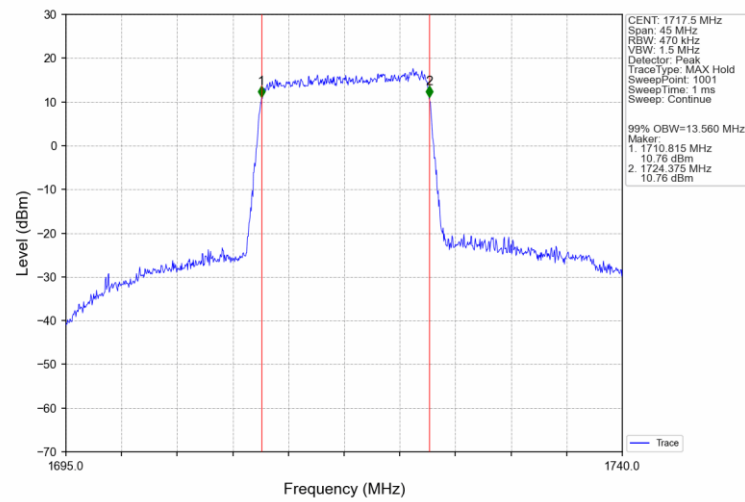
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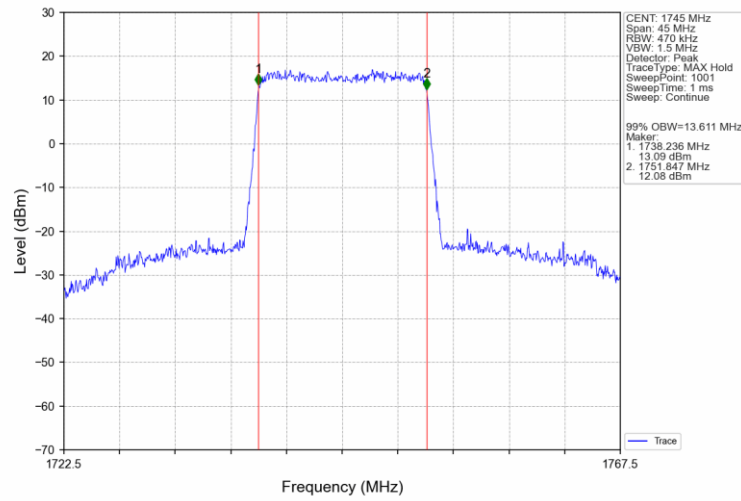
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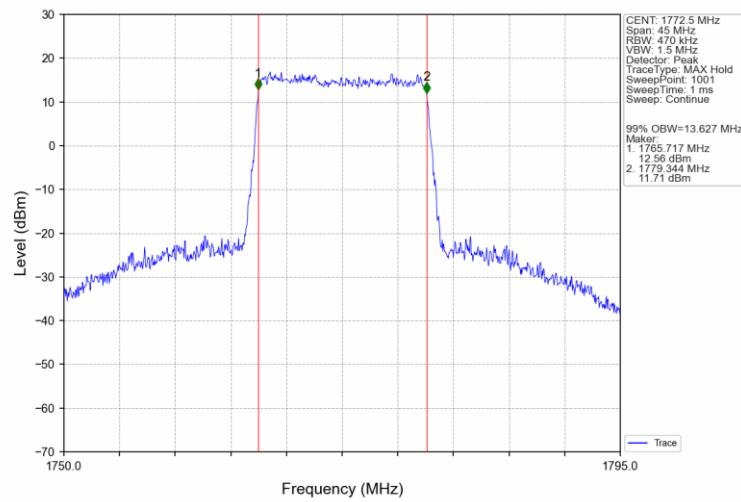
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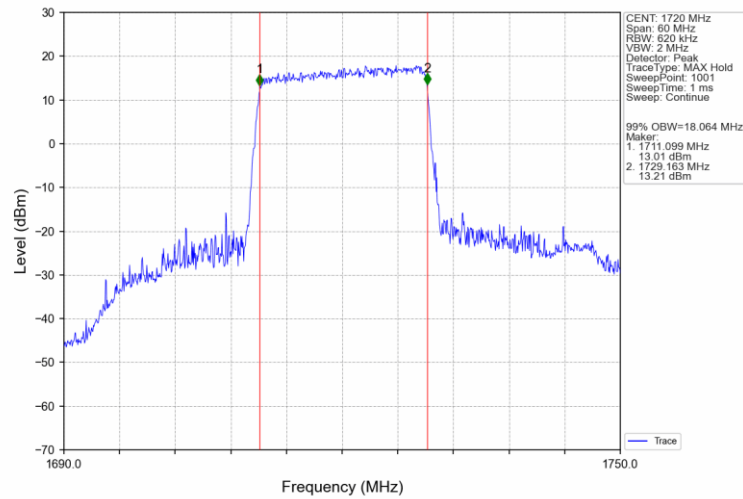
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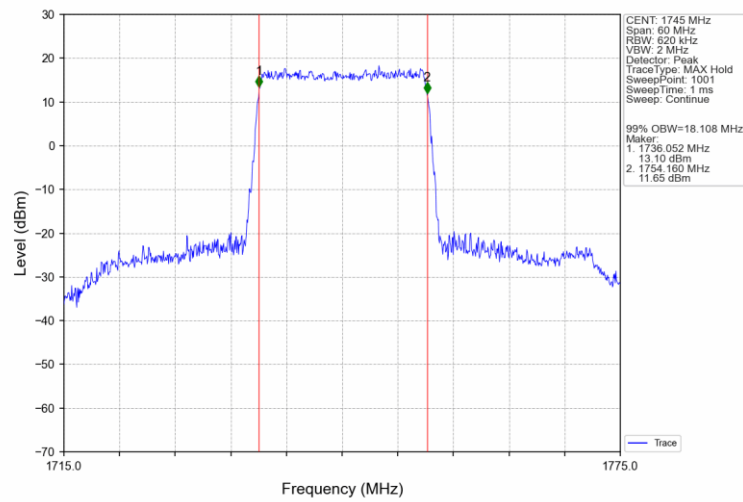
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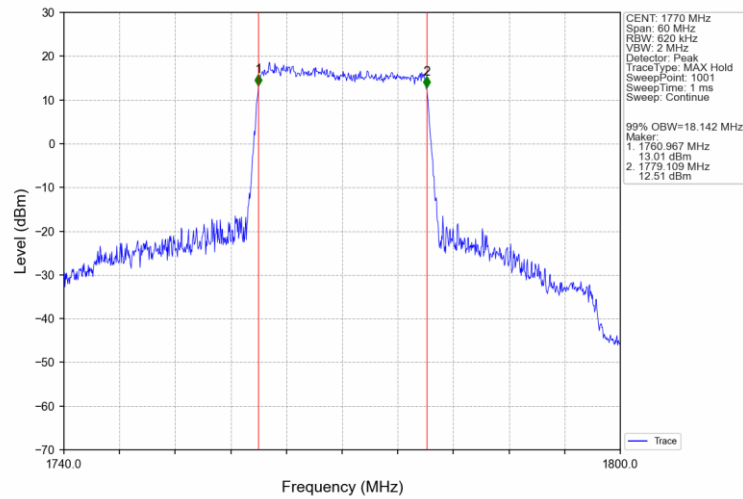
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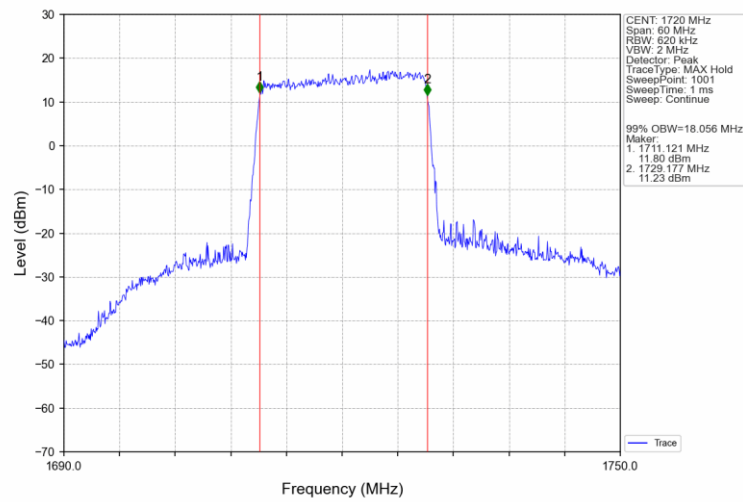
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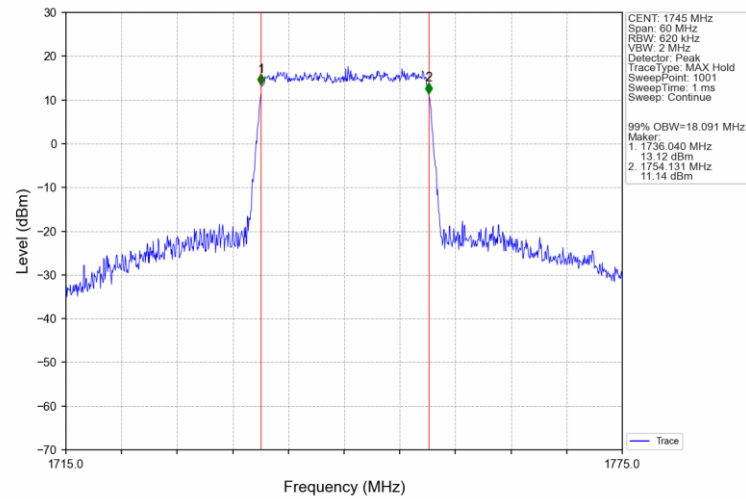
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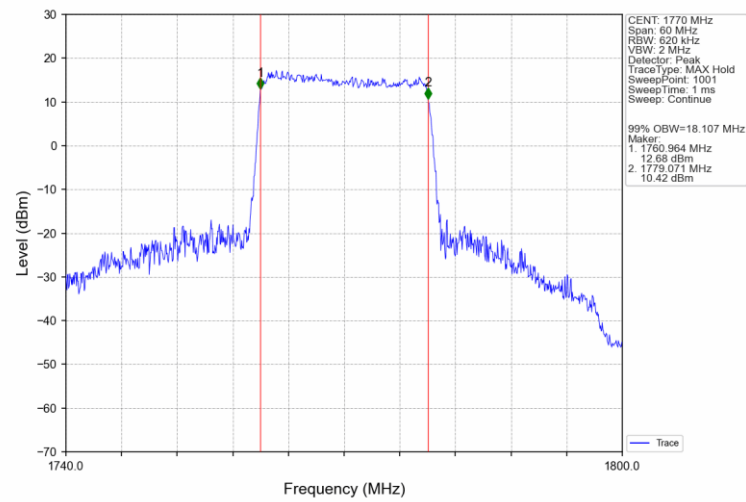
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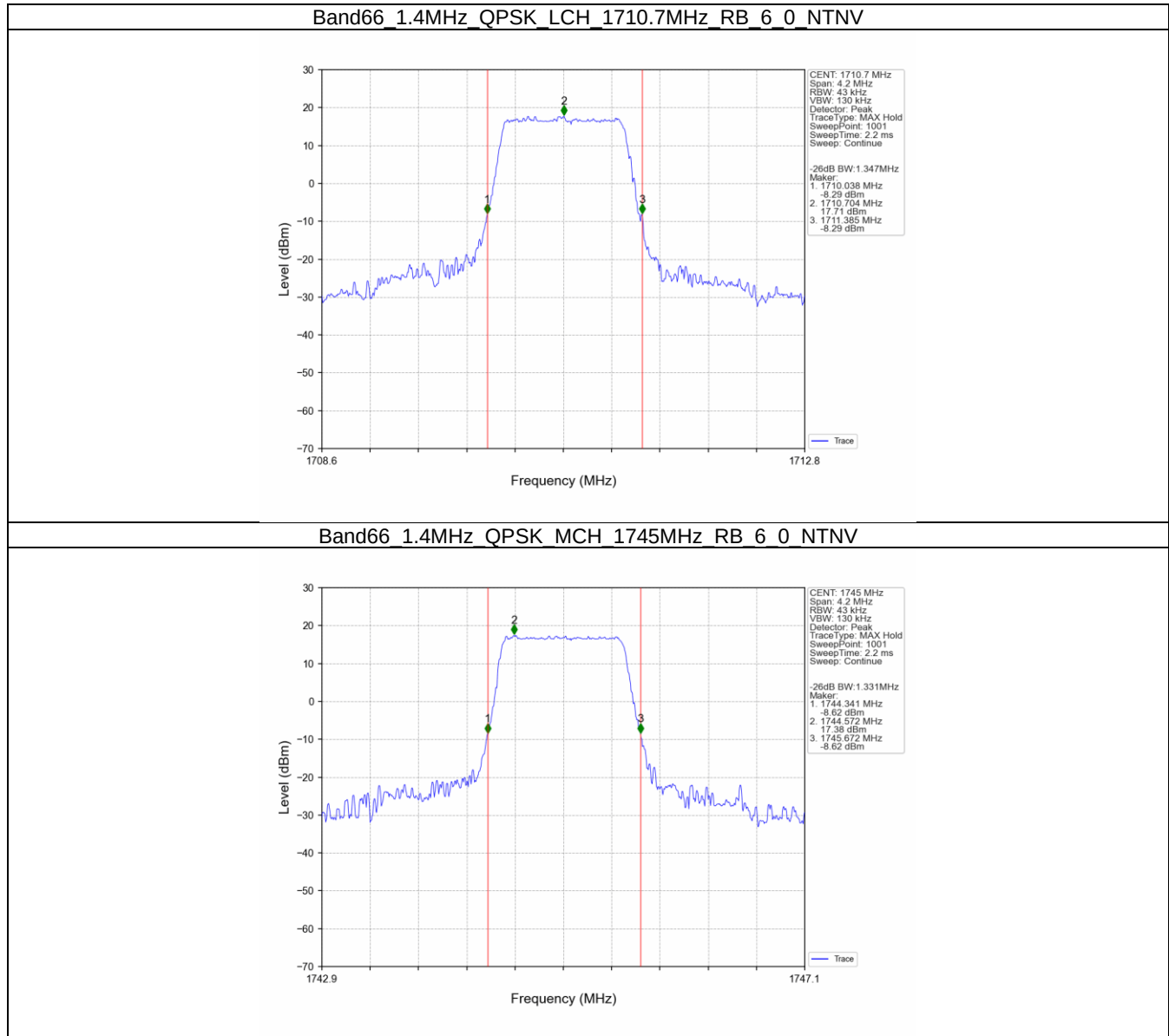
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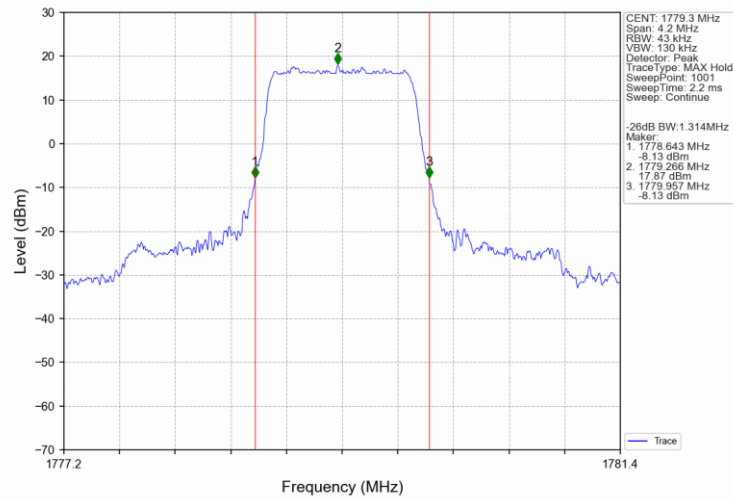
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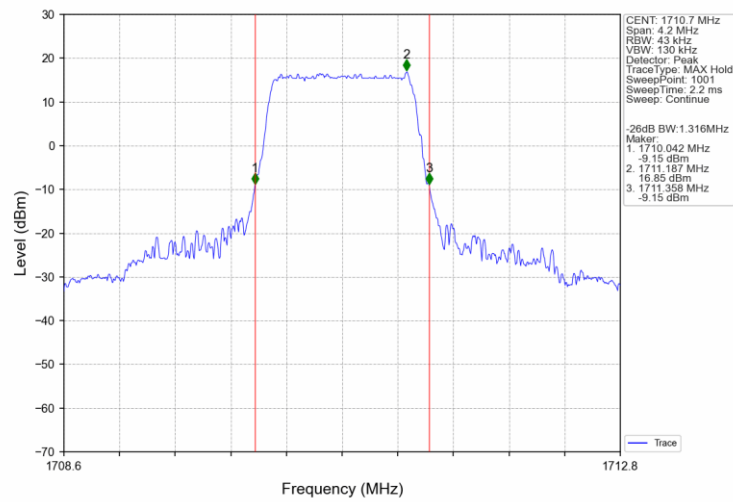
4.2.2 Band66_XDB



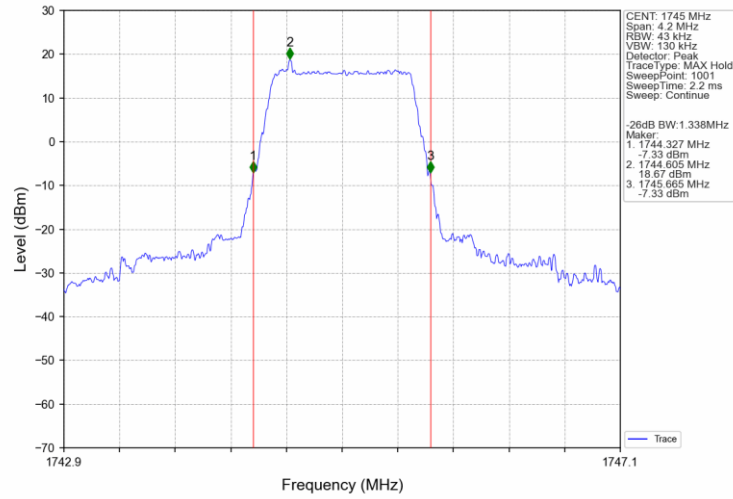
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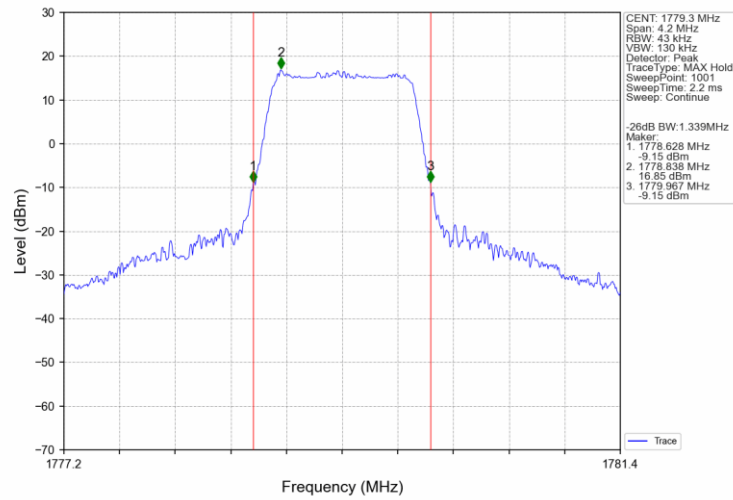
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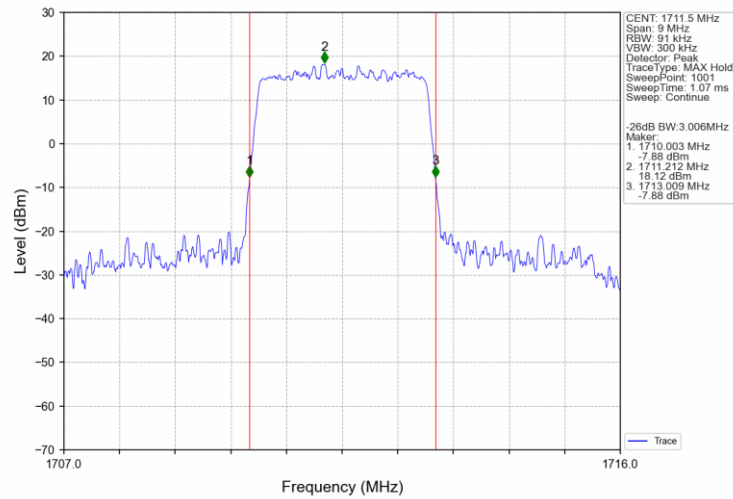
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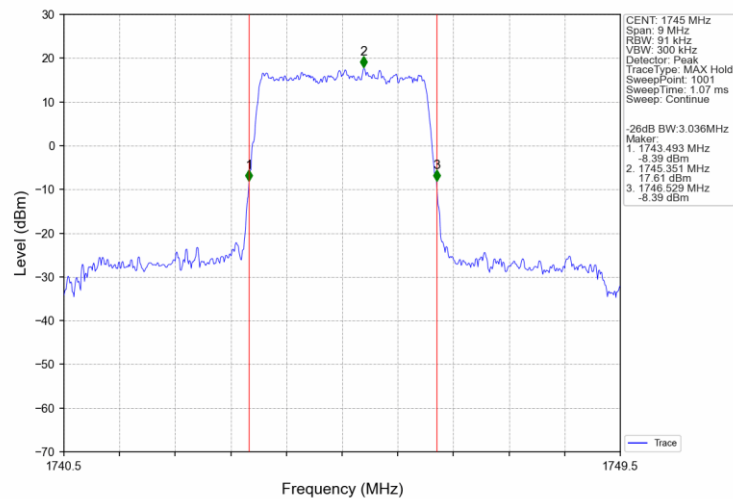
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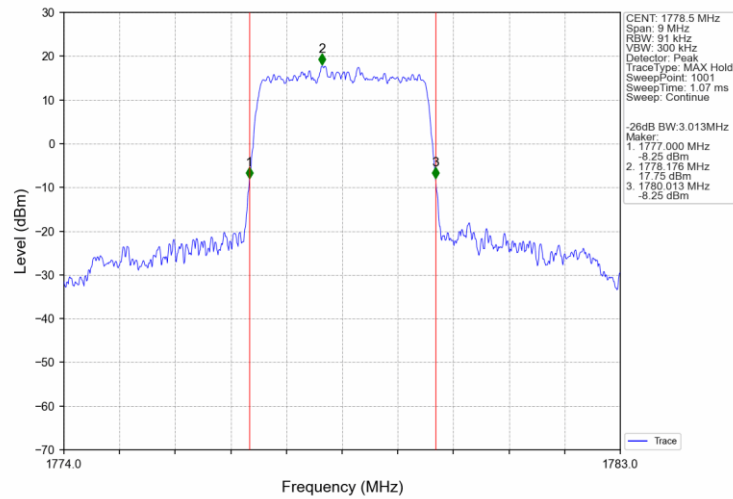
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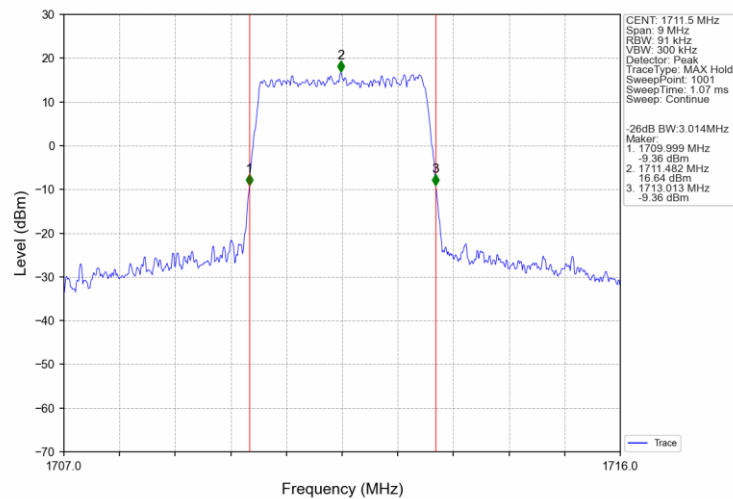
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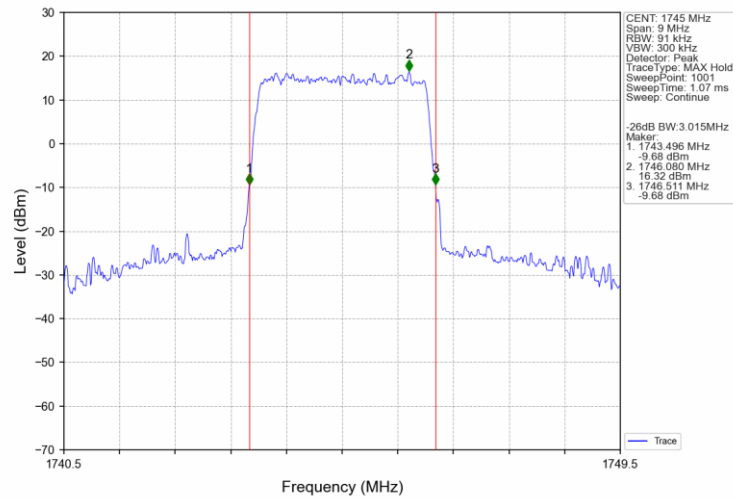
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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

