

Appendix Test Data for LTE_band_66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.69	0.44	24.13	<=30	Pass
			2	23.71	0.44	24.15	<=30	Pass
			5	23.70	0.44	24.14	<=30	Pass
		3	0	23.75	0.44	24.19	<=30	Pass
			2	23.79	0.44	24.23	<=30	Pass
			3	23.79	0.44	24.23	<=30	Pass
		6	0	22.74	0.44	23.18	<=30	Pass
	1745	1	0	23.35	0.44	23.79	<=30	Pass
			2	23.37	0.44	23.81	<=30	Pass
			5	23.36	0.44	23.80	<=30	Pass
		3	0	23.91	0.44	24.35	<=30	Pass
			2	23.89	0.44	24.33	<=30	Pass
			3	23.88	0.44	24.32	<=30	Pass
		6	0	22.96	0.44	23.40	<=30	Pass
	1779.3	1	0	23.65	0.44	24.09	<=30	Pass
			2	23.66	0.44	24.10	<=30	Pass
			5	23.67	0.44	24.11	<=30	Pass
		3	0	24.32	0.44	24.76	<=30	Pass
			2	24.34	0.44	24.78	<=30	Pass
			3	24.32	0.44	24.76	<=30	Pass
		6	0	23.28	0.44	23.72	<=30	Pass
16QAM	1710.7	1	0	22.25	0.44	22.69	<=30	Pass
			2	22.26	0.44	22.70	<=30	Pass
			5	22.32	0.44	22.76	<=30	Pass
		3	0	22.78	0.44	23.22	<=30	Pass
			2	22.77	0.44	23.21	<=30	Pass
			3	22.78	0.44	23.22	<=30	Pass
		6	0	21.65	0.44	22.09	<=30	Pass
	1745	1	0	22.61	0.44	23.05	<=30	Pass
			2	22.61	0.44	23.05	<=30	Pass
			5	22.60	0.44	23.04	<=30	Pass
		3	0	22.90	0.44	23.34	<=30	Pass
			2	22.86	0.44	23.30	<=30	Pass
			3	22.87	0.44	23.31	<=30	Pass
		6	0	21.97	0.44	22.41	<=30	Pass
	1779.3	1	0	22.79	0.44	23.23	<=30	Pass
			2	22.80	0.44	23.24	<=30	Pass
			5	22.81	0.44	23.25	<=30	Pass
		3	0	23.43	0.44	23.87	<=30	Pass
			2	23.47	0.44	23.91	<=30	Pass
			3	23.49	0.44	23.93	<=30	Pass

		6	0	22.26	0.44	22.70	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.19	0.44	23.63	<=30	Pass
			7	23.20	0.44	23.64	<=30	Pass
			14	23.27	0.44	23.71	<=30	Pass
		8	0	22.71	0.44	23.15	<=30	Pass
			4	22.72	0.44	23.16	<=30	Pass
			7	22.77	0.44	23.21	<=30	Pass
		15	0	22.76	0.44	23.20	<=30	Pass
	1745	1	0	23.31	0.44	23.75	<=30	Pass
			7	23.32	0.44	23.76	<=30	Pass
			14	23.27	0.44	23.71	<=30	Pass
		8	0	22.87	0.44	23.31	<=30	Pass
			4	22.82	0.44	23.26	<=30	Pass
			7	22.83	0.44	23.27	<=30	Pass
		15	0	22.83	0.44	23.27	<=30	Pass
	1778.5	1	0	23.78	0.44	24.22	<=30	Pass
			7	23.81	0.44	24.25	<=30	Pass
			14	23.77	0.44	24.21	<=30	Pass
		8	0	23.20	0.44	23.64	<=30	Pass
			4	23.21	0.44	23.65	<=30	Pass
			7	23.19	0.44	23.63	<=30	Pass
		15	0	23.21	0.44	23.65	<=30	Pass
16QAM	1711.5	1	0	22.27	0.44	22.71	<=30	Pass
			7	22.30	0.44	22.74	<=30	Pass
			14	22.34	0.44	22.78	<=30	Pass
		8	0	21.78	0.44	22.22	<=30	Pass
			4	21.81	0.44	22.25	<=30	Pass
			7	21.84	0.44	22.28	<=30	Pass
		15	0	21.82	0.44	22.26	<=30	Pass
	1745	1	0	22.56	0.44	23.00	<=30	Pass
			7	22.55	0.44	22.99	<=30	Pass
			14	22.51	0.44	22.95	<=30	Pass
		8	0	21.82	0.44	22.26	<=30	Pass
			4	21.80	0.44	22.24	<=30	Pass
			7	21.79	0.44	22.23	<=30	Pass
		15	0	21.77	0.44	22.21	<=30	Pass
	1778.5	1	0	23.23	0.44	23.67	<=30	Pass
			7	23.23	0.44	23.67	<=30	Pass
			14	23.21	0.44	23.65	<=30	Pass
		8	0	22.44	0.44	22.88	<=30	Pass
			4	22.46	0.44	22.90	<=30	Pass
			7	22.44	0.44	22.88	<=30	Pass
		15	0	22.30	0.44	22.74	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.28	0.44	23.72	<=30	Pass
			13	23.31	0.44	23.75	<=30	Pass
			24	23.35	0.44	23.79	<=30	Pass
		12	0	22.69	0.44	23.13	<=30	Pass
			6	22.77	0.44	23.21	<=30	Pass
			13	22.81	0.44	23.25	<=30	Pass
		25	0	22.78	0.44	23.22	<=30	Pass
	1745	1	0	23.36	0.44	23.80	<=30	Pass
			13	23.34	0.44	23.78	<=30	Pass
			24	23.35	0.44	23.79	<=30	Pass
		12	0	22.87	0.44	23.31	<=30	Pass
			6	22.86	0.44	23.30	<=30	Pass
			13	22.82	0.44	23.26	<=30	Pass
		25	0	22.84	0.44	23.28	<=30	Pass
	1777.5	1	0	23.86	0.44	24.30	<=30	Pass
			13	23.91	0.44	24.35	<=30	Pass
			24	23.96	0.44	24.40	<=30	Pass
		12	0	23.18	0.44	23.62	<=30	Pass
			6	23.19	0.44	23.63	<=30	Pass
			13	23.18	0.44	23.62	<=30	Pass
		25	0	23.23	0.44	23.67	<=30	Pass
16QAM	1712.5	1	0	22.35	0.44	22.79	<=30	Pass
			13	22.38	0.44	22.82	<=30	Pass
			24	22.40	0.44	22.84	<=30	Pass
		12	0	21.68	0.44	22.12	<=30	Pass
			6	21.76	0.44	22.20	<=30	Pass
			13	21.78	0.44	22.22	<=30	Pass
		25	0	21.81	0.44	22.25	<=30	Pass
	1745	1	0	22.62	0.44	23.06	<=30	Pass
			13	22.61	0.44	23.05	<=30	Pass
			24	22.60	0.44	23.04	<=30	Pass
		12	0	21.91	0.44	22.35	<=30	Pass
			6	21.89	0.44	22.33	<=30	Pass
			13	21.82	0.44	22.26	<=30	Pass
		25	0	21.83	0.44	22.27	<=30	Pass
	1777.5	1	0	22.54	0.44	22.98	<=30	Pass
			13	22.57	0.44	23.01	<=30	Pass
			24	22.62	0.44	23.06	<=30	Pass
		12	0	22.26	0.44	22.70	<=30	Pass
			6	22.24	0.44	22.68	<=30	Pass
			13	22.21	0.44	22.65	<=30	Pass
		25	0	22.27	0.44	22.71	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.19	0.44	23.63	<=30	Pass
			25	23.30	0.44	23.74	<=30	Pass
			49	23.27	0.44	23.71	<=30	Pass
		25	0	22.69	0.44	23.13	<=30	Pass
			13	22.80	0.44	23.24	<=30	Pass
			25	22.86	0.44	23.30	<=30	Pass
		50	0	22.80	0.44	23.24	<=30	Pass
	1745	1	0	23.33	0.44	23.77	<=30	Pass
			25	23.36	0.44	23.80	<=30	Pass
			49	23.29	0.44	23.73	<=30	Pass
		25	0	22.85	0.44	23.29	<=30	Pass
			13	22.82	0.44	23.26	<=30	Pass
			25	22.89	0.44	23.33	<=30	Pass
		50	0	22.91	0.44	23.35	<=30	Pass
	1775	1	0	23.56	0.44	24.00	<=30	Pass
			25	23.73	0.44	24.17	<=30	Pass
			49	23.78	0.44	24.22	<=30	Pass
		25	0	23.10	0.44	23.54	<=30	Pass
			13	23.18	0.44	23.62	<=30	Pass
			25	23.22	0.44	23.66	<=30	Pass
		50	0	23.17	0.44	23.61	<=30	Pass
16QAM	1715	1	0	22.20	0.44	22.64	<=30	Pass
			25	22.31	0.44	22.75	<=30	Pass
			49	22.30	0.44	22.74	<=30	Pass
		12	0	22.76	0.44	23.20	<=30	Pass
			19	22.84	0.44	23.28	<=30	Pass
			38	22.89	0.44	23.33	<=30	Pass
		27	0	21.66	0.44	22.10	<=30	Pass
	1745	1	0	22.51	0.44	22.95	<=30	Pass
			25	22.57	0.44	23.01	<=30	Pass
			49	22.46	0.44	22.90	<=30	Pass
		12	0	22.85	0.44	23.29	<=30	Pass
			19	22.89	0.44	23.33	<=30	Pass
			38	22.88	0.44	23.32	<=30	Pass
		27	0	21.87	0.44	22.31	<=30	Pass
	1775	1	0	23.06	0.44	23.50	<=30	Pass
			25	23.19	0.44	23.63	<=30	Pass
			49	23.18	0.44	23.62	<=30	Pass
		12	0	23.15	0.44	23.59	<=30	Pass
			19	23.22	0.44	23.66	<=30	Pass
			38	23.30	0.44	23.74	<=30	Pass
		27	23	22.18	0.44	22.62	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.09	0.44	23.53	<=30	Pass
			38	23.20	0.44	23.64	<=30	Pass
			74	23.18	0.44	23.62	<=30	Pass
		36	0	22.61	0.44	23.05	<=30	Pass
			18	22.77	0.44	23.21	<=30	Pass
			39	22.77	0.44	23.21	<=30	Pass
		75	0	22.76	0.44	23.20	<=30	Pass
	1745	1	0	23.28	0.44	23.72	<=30	Pass
			38	23.34	0.44	23.78	<=30	Pass
			74	23.22	0.44	23.66	<=30	Pass
		36	0	22.80	0.44	23.24	<=30	Pass
			18	22.80	0.44	23.24	<=30	Pass
			39	22.87	0.44	23.31	<=30	Pass
		75	0	22.88	0.44	23.32	<=30	Pass
	1772.5	1	0	23.44	0.44	23.88	<=30	Pass
			38	23.64	0.44	24.08	<=30	Pass
			74	23.70	0.44	24.14	<=30	Pass
		36	0	23.07	0.44	23.51	<=30	Pass
			18	23.11	0.44	23.55	<=30	Pass
			39	23.23	0.44	23.67	<=30	Pass
		75	0	23.12	0.44	23.56	<=30	Pass
16QAM	1717.5	1	0	22.52	0.44	22.96	<=30	Pass
			38	22.63	0.44	23.07	<=30	Pass
			74	22.62	0.44	23.06	<=30	Pass
		12	0	22.65	0.44	23.09	<=30	Pass
			31	22.76	0.44	23.20	<=30	Pass
			63	22.76	0.44	23.20	<=30	Pass
		27	0	21.65	0.44	22.09	<=30	Pass
	1745	1	0	22.47	0.44	22.91	<=30	Pass
			38	22.50	0.44	22.94	<=30	Pass
			74	22.40	0.44	22.84	<=30	Pass
		12	0	22.81	0.44	23.25	<=30	Pass
			31	22.87	0.44	23.31	<=30	Pass
			63	22.78	0.44	23.22	<=30	Pass
		27	0	21.85	0.44	22.29	<=30	Pass
	1772.5	1	0	22.99	0.44	23.43	<=30	Pass
			38	23.14	0.44	23.58	<=30	Pass
			74	23.15	0.44	23.59	<=30	Pass
		12	0	23.07	0.44	23.51	<=30	Pass
			31	23.19	0.44	23.63	<=30	Pass
			63	23.24	0.44	23.68	<=30	Pass
		27	48	22.16	0.44	22.60	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.07	0.44	23.51	<=30	Pass
			50	23.28	0.44	23.72	<=30	Pass
			99	23.27	0.44	23.71	<=30	Pass
		50	0	22.65	0.44	23.09	<=30	Pass
			25	22.88	0.44	23.32	<=30	Pass
			50	22.88	0.44	23.32	<=30	Pass
		100	0	22.77	0.44	23.21	<=30	Pass
	1745	1	0	23.26	0.44	23.70	<=30	Pass
			50	23.38	0.44	23.82	<=30	Pass
			99	23.25	0.44	23.69	<=30	Pass
		50	0	22.83	0.44	23.27	<=30	Pass
			25	22.90	0.44	23.34	<=30	Pass
			50	22.88	0.44	23.32	<=30	Pass
		100	0	22.88	0.44	23.32	<=30	Pass
	1770	1	0	23.27	0.44	23.71	<=30	Pass
			50	23.55	0.44	23.99	<=30	Pass
			99	23.56	0.44	24.00	<=30	Pass
		50	0	22.99	0.44	23.43	<=30	Pass
			25	23.11	0.44	23.55	<=30	Pass
			50	23.22	0.44	23.66	<=30	Pass
		100	0	23.12	0.44	23.56	<=30	Pass
16QAM	1720	1	0	22.71	0.44	23.15	<=30	Pass
			50	22.88	0.44	23.32	<=30	Pass
			99	22.89	0.44	23.33	<=30	Pass
		12	0	22.66	0.44	23.10	<=30	Pass
			44	22.82	0.44	23.26	<=30	Pass
			88	22.82	0.44	23.26	<=30	Pass
		27	0	21.64	0.44	22.08	<=30	Pass
	1745	1	0	22.48	0.44	22.92	<=30	Pass
			50	22.59	0.44	23.03	<=30	Pass
			99	22.46	0.44	22.90	<=30	Pass
		12	0	22.75	0.44	23.19	<=30	Pass
			44	22.85	0.44	23.29	<=30	Pass
			88	22.74	0.44	23.18	<=30	Pass
		27	0	21.73	0.44	22.17	<=30	Pass
	1770	1	0	22.56	0.44	23.00	<=30	Pass
			50	22.81	0.44	23.25	<=30	Pass
			99	22.87	0.44	23.31	<=30	Pass
		12	0	22.87	0.44	23.31	<=30	Pass
			44	23.10	0.44	23.54	<=30	Pass
			88	23.13	0.44	23.57	<=30	Pass
		27	73	22.10	0.44	22.54	<=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	0.401	0.0002	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	10.543	0.0062	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				30	3.85	15.793	0.0092	-2.5 to 2.5	Pass
				40	3.85	12.960	0.0076	-2.5 to 2.5	Pass
				50	3.85	7.997	0.0047	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	14.620	0.0084	-2.5 to 2.5	Pass
					3.85	10.257	0.0059	-2.5 to 2.5	Pass
					4.43	8.812	0.0050	-2.5 to 2.5	Pass
				-30	3.85	2.074	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	3.390	0.0019	-2.5 to 2.5	Pass
				0	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				10	3.85	12.631	0.0072	-2.5 to 2.5	Pass
				30	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				40	3.85	3.748	0.0021	-2.5 to 2.5	Pass
				50	3.85	3.648	0.0021	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	-8.268	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	9.985	0.0056	-2.5 to 2.5	Pass
				-10	3.85	5.779	0.0032	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				30	3.85	7.911	0.0044	-2.5 to 2.5	Pass
				40	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	5.836	0.0034	-2.5 to 2.5	Pass
					3.85	4.964	0.0029	-2.5 to 2.5	Pass
					4.43	1.788	0.0010	-2.5 to 2.5	Pass
				-30	3.85	10.915	0.0064	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				0	3.85	6.809	0.0040	-2.5 to 2.5	Pass
				10	3.85	3.276	0.0019	-2.5 to 2.5	Pass

				30	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				40	3.85	8.984	0.0053	-2.5 to 2.5	Pass
				50	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-1.888	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.350	0.0031	-2.5 to 2.5	Pass
				0	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				10	3.85	7.567	0.0043	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-2.632	-0.0015	-2.5 to 2.5	Pass
					3.85	8.512	0.0048	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	4.978	0.0028	-2.5 to 2.5	Pass
				-20	3.85	10.228	0.0057	-2.5 to 2.5	Pass
				-10	3.85	5.522	0.0031	-2.5 to 2.5	Pass
				0	3.85	10.829	0.0061	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				40	3.85	12.517	0.0070	-2.5 to 2.5	Pass
				50	3.85	-2.003	-0.0011	-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	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	2.947	0.0017	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	2.518	0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.891	0.0023	-2.5 to 2.5	Pass
				-10	3.85	2.074	0.0012	-2.5 to 2.5	Pass
				0	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				10	3.85	6.394	0.0037	-2.5 to 2.5	Pass
				30	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				40	3.85	18.969	0.0111	-2.5 to 2.5	Pass
				50	3.85	2.489	0.0015	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	5.722	0.0033	-2.5 to 2.5	Pass
					3.85	10.443	0.0060	-2.5 to 2.5	Pass
					4.43	1.788	0.0010	-2.5 to 2.5	Pass
				-30	3.85	7.181	0.0041	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				0	3.85	6.852	0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass

				30	3.85	5.436	0.0031	-2.5 to 2.5	Pass
				40	3.85	10.786	0.0062	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-8.540	-0.0048	-2.5 to 2.5	Pass
					3.85	-12.445	-0.0070	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-7.653	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				0	3.85	-10.142	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-12.116	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-6.809	-0.0038	-2.5 to 2.5	Pass
				40	3.85	7.739	0.0044	-2.5 to 2.5	Pass
				50	3.85	-7.396	-0.0042	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	3.648	0.0021	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
					4.43	0.129	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.719	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.034	0.0024	-2.5 to 2.5	Pass
				0	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				30	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				50	3.85	3.977	0.0023	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	7.582	0.0043	-2.5 to 2.5	Pass
					3.85	5.779	0.0033	-2.5 to 2.5	Pass
					4.43	12.960	0.0074	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.189	0.0013	-2.5 to 2.5	Pass
				-10	3.85	9.570	0.0055	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				40	3.85	9.499	0.0054	-2.5 to 2.5	Pass
				50	3.85	13.118	0.0075	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-4.377	-0.0025	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
					4.43	-3.347	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				40	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				50	3.85	5.836	0.0033	-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	4.048	0.0024	-2.5 to 2.5	Pass
					3.85	5.221	0.0030	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				-10	3.85	8.626	0.0050	-2.5 to 2.5	Pass
				0	3.85	11.029	0.0064	-2.5 to 2.5	Pass
				10	3.85	5.851	0.0034	-2.5 to 2.5	Pass
				30	3.85	5.121	0.0030	-2.5 to 2.5	Pass
				40	3.85	7.110	0.0042	-2.5 to 2.5	Pass
				50	3.85	7.710	0.0045	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	1.459	0.0008	-2.5 to 2.5	Pass
					3.85	0.386	0.0002	-2.5 to 2.5	Pass
					4.43	1.659	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				0	3.85	7.854	0.0045	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				30	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-4.721	-0.0027	-2.5 to 2.5	Pass
					3.85	4.663	0.0026	-2.5 to 2.5	Pass
					4.43	3.190	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	6.866	0.0039	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				40	3.85	5.322	0.0030	-2.5 to 2.5	Pass
				50	3.85	7.782	0.0044	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	16.952	0.0099	-2.5 to 2.5	Pass
					3.85	9.456	0.0055	-2.5 to 2.5	Pass
					4.43	7.453	0.0044	-2.5 to 2.5	Pass
				-30	3.85	5.035	0.0029	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				0	3.85	7.310	0.0043	-2.5 to 2.5	Pass
				10	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				30	3.85	3.033	0.0018	-2.5 to 2.5	Pass
				40	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				50	3.85	1.645	0.0010	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	3.290	0.0019	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0033	-2.5 to 2.5	Pass

					4.43	0.644	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.661	0.0015	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	10.815	0.0061	-2.5 to 2.5	Pass
					3.85	2.146	0.0012	-2.5 to 2.5	Pass
					4.43	5.808	0.0033	-2.5 to 2.5	Pass
				-30	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				-20	3.85	4.420	0.0025	-2.5 to 2.5	Pass
				-10	3.85	2.990	0.0017	-2.5 to 2.5	Pass
				0	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				30	3.85	8.912	0.0050	-2.5 to 2.5	Pass
				40	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				50	3.85	7.010	0.0039	-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	1.817	0.0011	-2.5 to 2.5	Pass
					3.85	3.104	0.0018	-2.5 to 2.5	Pass
					4.43	0.401	0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				-20	3.85	5.722	0.0033	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				0	3.85	3.390	0.0020	-2.5 to 2.5	Pass
				10	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				30	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				40	3.85	4.764	0.0028	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	4.048	0.0023	-2.5 to 2.5	Pass
					4.43	6.080	0.0035	-2.5 to 2.5	Pass
				-30	3.85	3.948	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				-10	3.85	4.578	0.0026	-2.5 to 2.5	Pass
				0	3.85	4.392	0.0025	-2.5 to 2.5	Pass
				10	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				30	3.85	3.061	0.0018	-2.5 to 2.5	Pass
				40	3.85	8.283	0.0047	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0009	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.734	-0.0021	-2.5 to 2.5	Pass
					3.85	2.246	0.0013	-2.5 to 2.5	Pass

					4.43	4.206	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	5.035	0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.749	0.0027	-2.5 to 2.5	Pass
				0	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	6.437	0.0038	-2.5 to 2.5	Pass
					3.85	8.082	0.0047	-2.5 to 2.5	Pass
					4.43	4.063	0.0024	-2.5 to 2.5	Pass
				-30	3.85	6.509	0.0038	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				0	3.85	4.721	0.0028	-2.5 to 2.5	Pass
				10	3.85	5.379	0.0031	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				40	3.85	6.108	0.0036	-2.5 to 2.5	Pass
				50	3.85	5.536	0.0032	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	8.998	0.0052	-2.5 to 2.5	Pass
					3.85	2.403	0.0014	-2.5 to 2.5	Pass
					4.43	2.747	0.0016	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-20	3.85	4.506	0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.406	0.0025	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				10	3.85	3.805	0.0022	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				40	3.85	6.423	0.0037	-2.5 to 2.5	Pass
				50	3.85	1.616	0.0009	-2.5 to 2.5	Pass
	1775	27	23	20	3.27	-1.445	-0.0008	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	-0.401	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	5.779	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				10	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0017	-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	4.592	0.0027	-2.5 to 2.5	Pass
					3.85	3.533	0.0021	-2.5 to 2.5	Pass

					4.43	1.788	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.717	0.0010	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	2.289	0.0013	-2.5 to 2.5	Pass
					3.85	3.304	0.0019	-2.5 to 2.5	Pass
					4.43	1.845	0.0011	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-20	3.85	5.322	0.0030	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				0	3.85	3.133	0.0018	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				50	3.85	7.095	0.0041	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-3.161	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				40	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.458	0.0003	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	4.005	0.0023	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	5.722	0.0033	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.419	0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				50	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	2.375	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				-20	3.85	4.191	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				10	3.85	3.304	0.0019	-2.5 to 2.5	Pass

	1772.5	27	48	30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				40	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				50	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				20	3.27	2.160	0.0012	-2.5 to 2.5	Pass
					3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
					4.43	3.877	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				10	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0001	-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	-1.216	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	2.432	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.591	0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				40	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	3.448	0.0020	-2.5 to 2.5	Pass
					3.85	2.503	0.0014	-2.5 to 2.5	Pass
					4.43	5.393	0.0031	-2.5 to 2.5	Pass
				-30	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				0	3.85	6.065	0.0035	-2.5 to 2.5	Pass
				10	3.85	2.632	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				40	3.85	3.819	0.0022	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.644	0.0004	-2.5 to 2.5	Pass
					3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
					4.43	2.718	0.0015	-2.5 to 2.5	Pass
				-30	3.85	4.506	0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0010	-2.5 to 2.5	Pass

				30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	1.903	0.0011	-2.5 to 2.5	Pass
					3.85	7.153	0.0042	-2.5 to 2.5	Pass
					4.43	4.950	0.0029	-2.5 to 2.5	Pass
				-30	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				-20	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.435	0.0026	-2.5 to 2.5	Pass
				0	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				10	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				30	3.85	2.861	0.0017	-2.5 to 2.5	Pass
				40	3.85	5.107	0.0030	-2.5 to 2.5	Pass
				50	3.85	3.948	0.0023	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	5.264	0.0030	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
					4.43	3.204	0.0018	-2.5 to 2.5	Pass
				-30	3.85	4.721	0.0027	-2.5 to 2.5	Pass
				-20	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				-10	3.85	3.076	0.0018	-2.5 to 2.5	Pass
				0	3.85	5.207	0.0030	-2.5 to 2.5	Pass
				10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				40	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.675	0.0015	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	-4.091	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
					4.43	-1.259	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	3.777	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				30	3.85	3.033	0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0006	-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	
		Size	Offset	Result	Limit
QPSK	1745	6	0	Refer To Test Graph	
16QAM	1745	6	0	Refer To Test Graph	

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTVN						
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	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

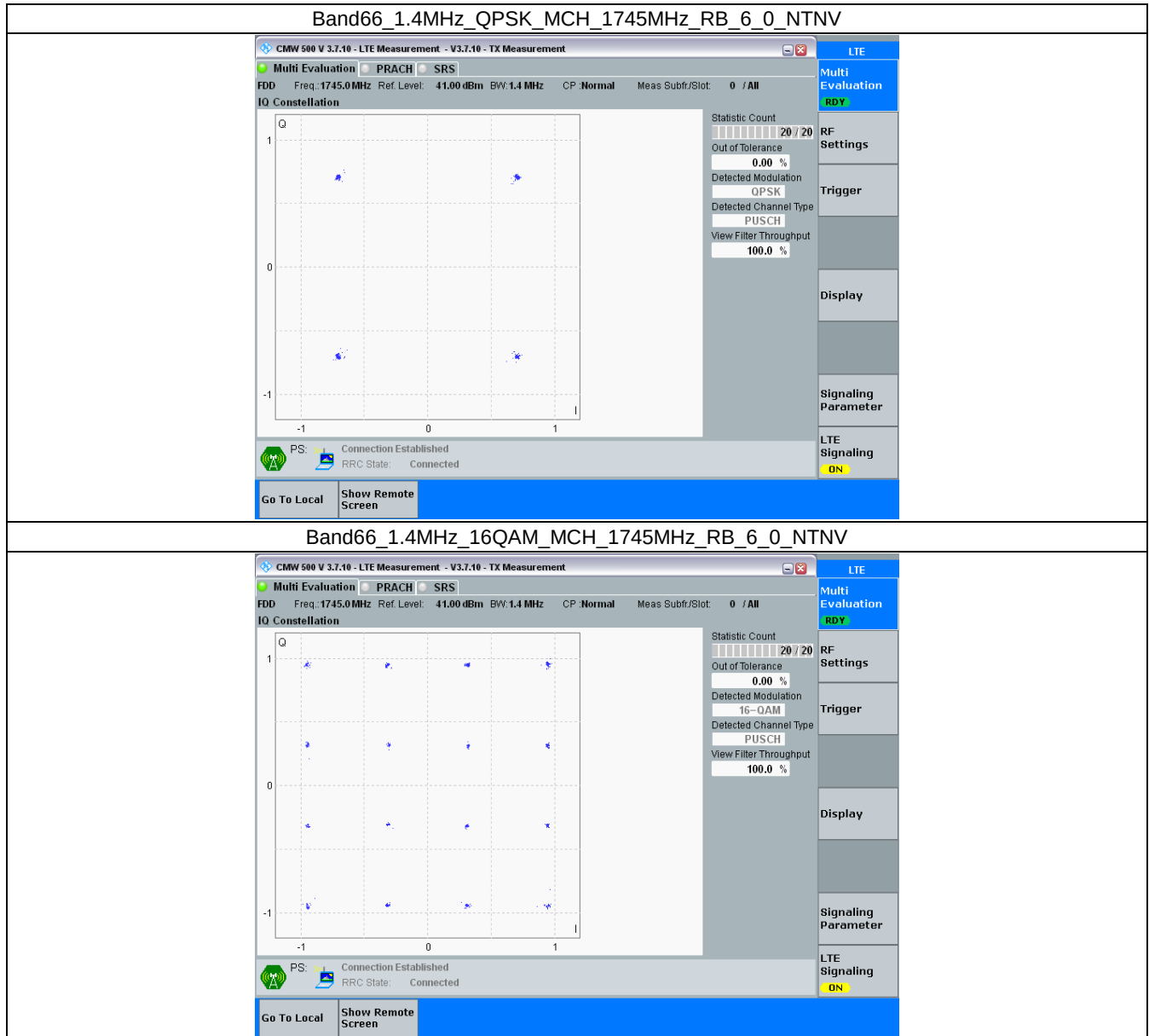
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

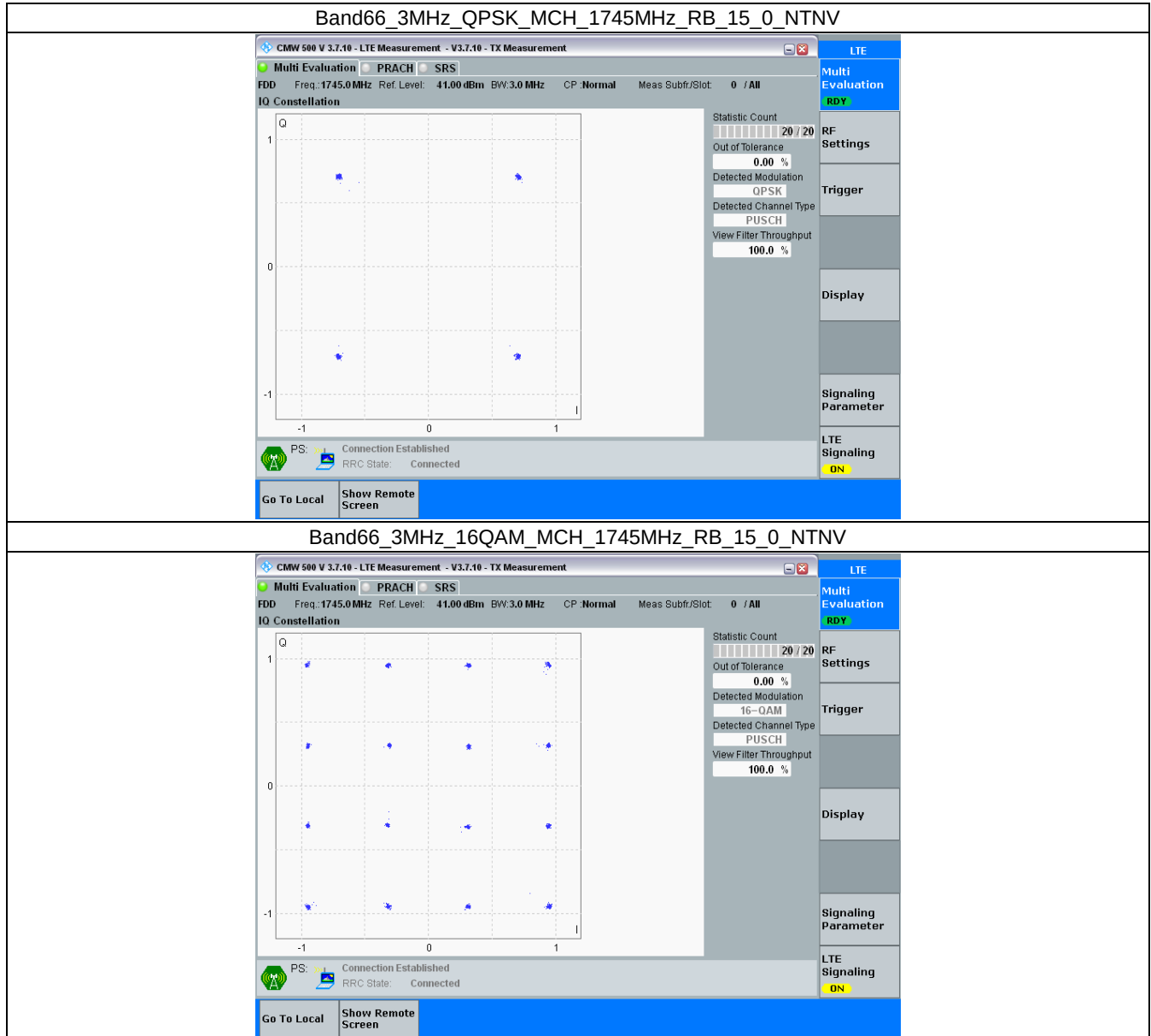
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

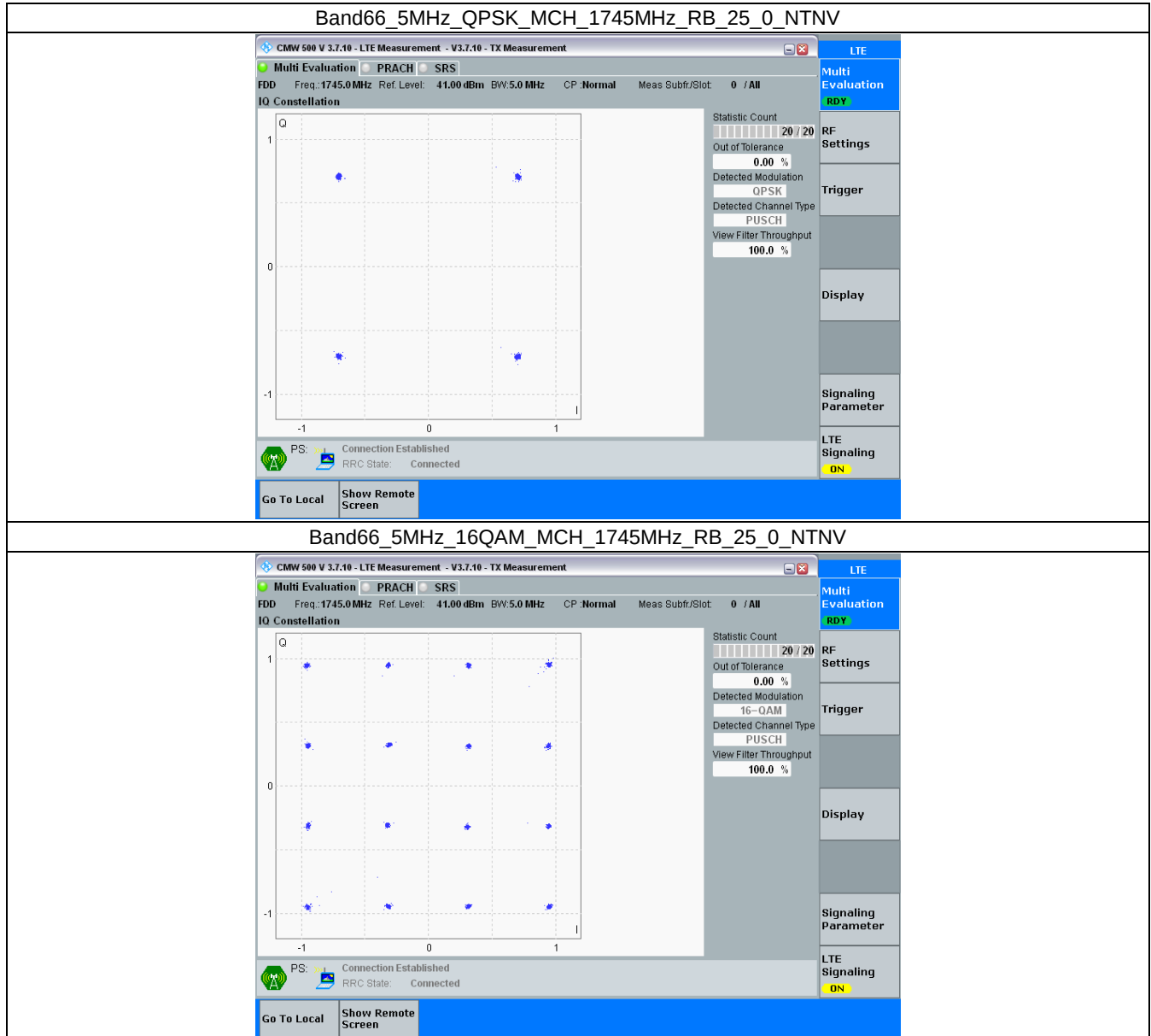
3.2.1 B66_1.4MHz



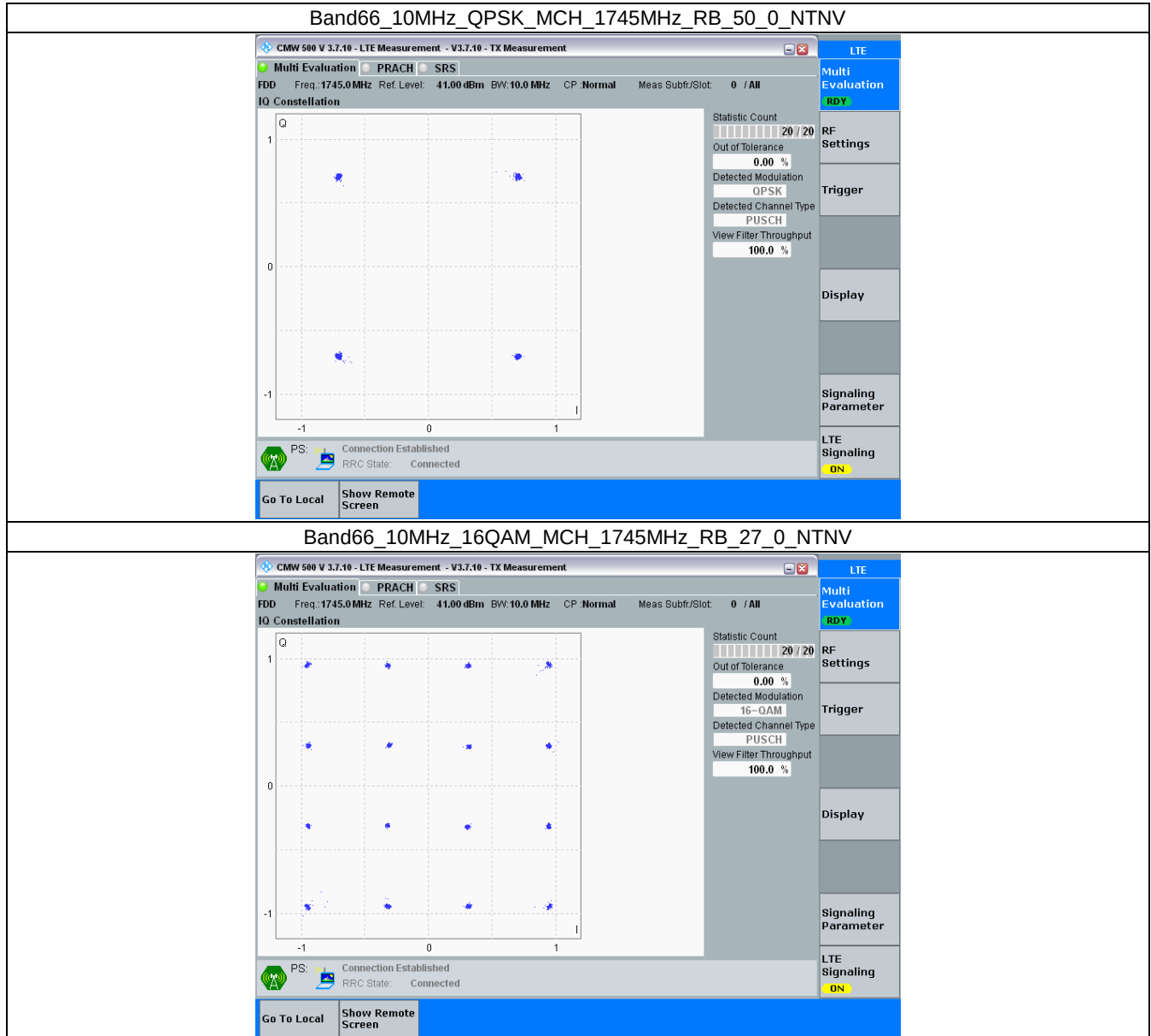
3.2.2 B66_3MHz



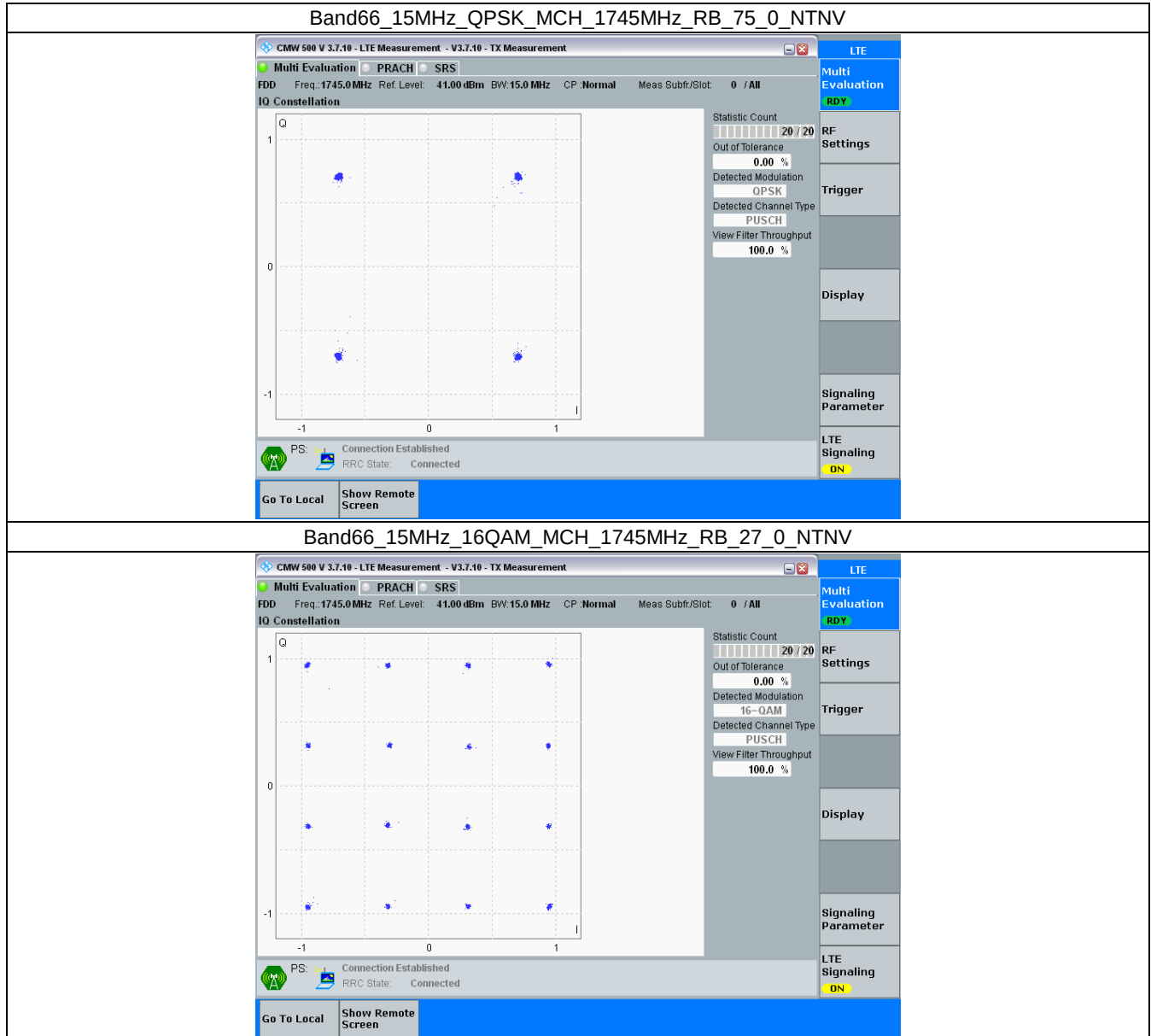
3.2.3 B66_5MHz



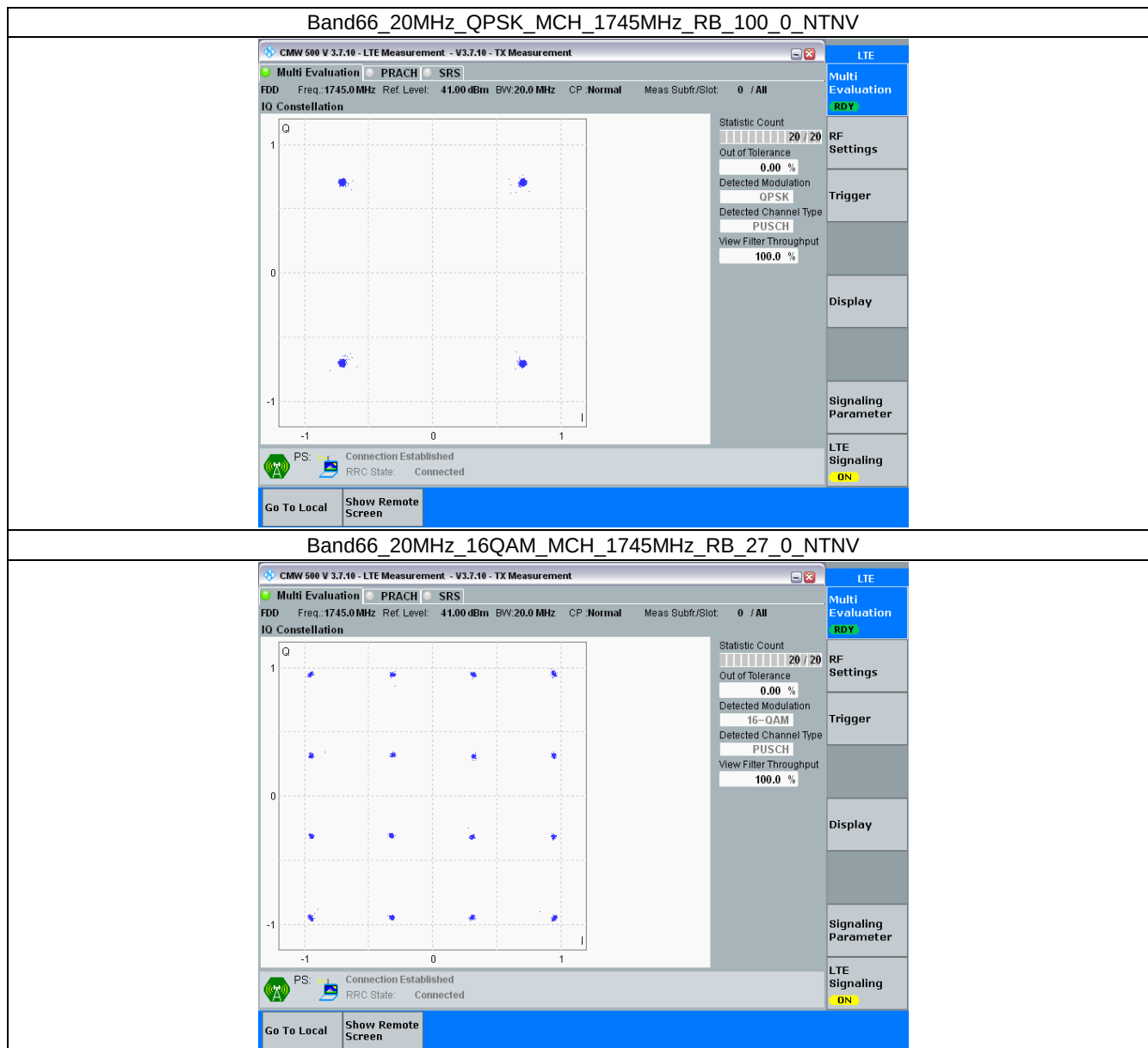
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

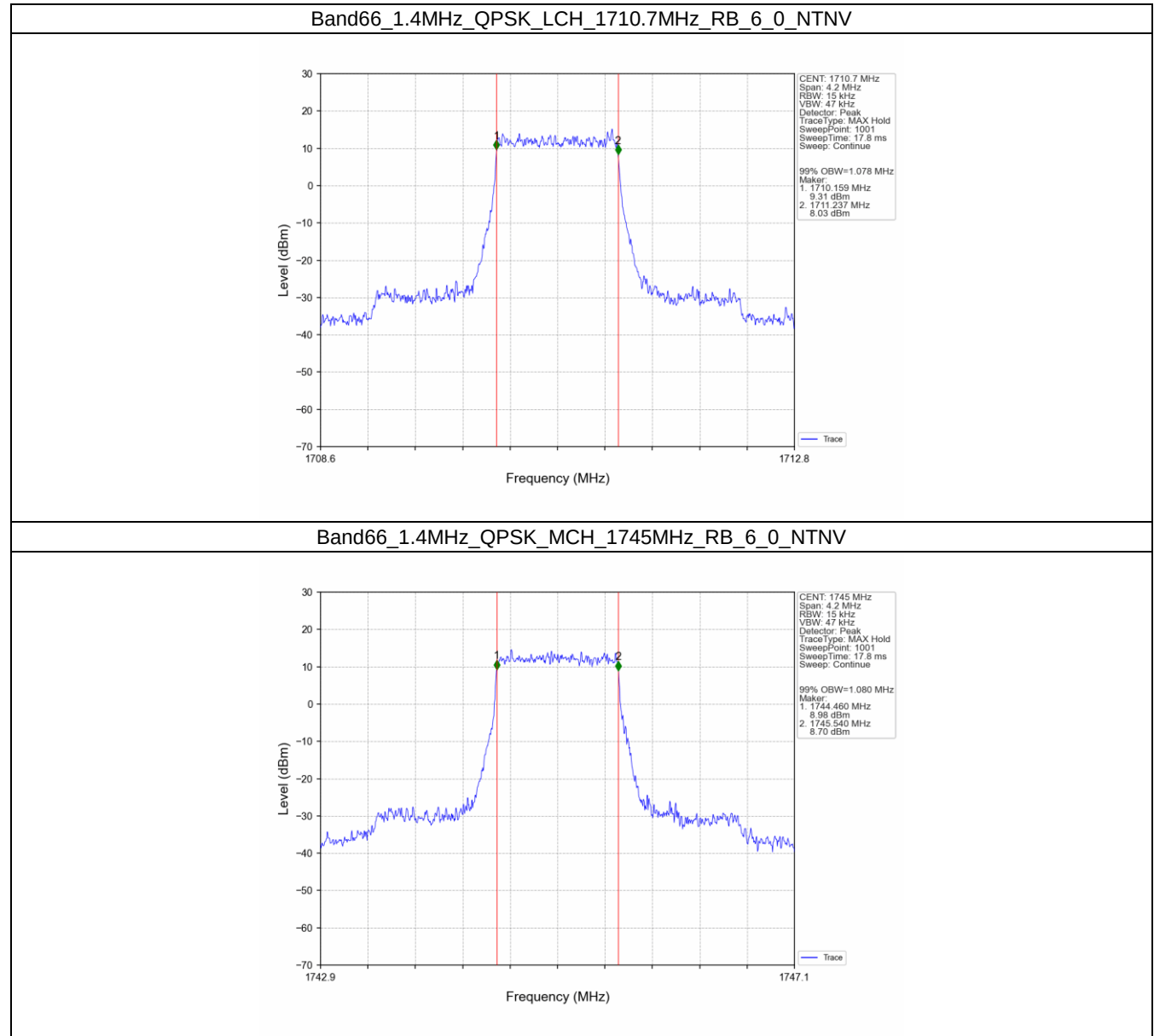
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.078	/	Pass
		1745	6	0	1.080	/	Pass
		1779.3	6	0	1.089	/	Pass
	16QAM	1710.7	6	0	1.082	/	Pass
		1745	6	0	1.081	/	Pass
		1779.3	6	0	1.081	/	Pass
3	QPSK	1711.5	15	0	2.688	/	Pass
		1745	15	0	2.685	/	Pass
		1778.5	15	0	2.679	/	Pass
	16QAM	1711.5	15	0	2.682	/	Pass
		1745	15	0	2.679	/	Pass
		1778.5	15	0	2.680	/	Pass
5	QPSK	1712.5	25	0	4.464	/	Pass
		1745	25	0	4.465	/	Pass
		1777.5	25	0	4.468	/	Pass
	16QAM	1712.5	25	0	4.472	/	Pass
		1745	25	0	4.466	/	Pass
		1777.5	25	0	4.465	/	Pass
10	QPSK	1715	50	0	8.953	/	Pass
		1745	50	0	8.962	/	Pass
		1775	50	0	8.957	/	Pass
	16QAM	1715	27	0	4.842	/	Pass
		1745	27	0	4.833	/	Pass
		1775	27	23	4.854	/	Pass
15	QPSK	1717.5	75	0	13.429	/	Pass
		1745	75	0	13.395	/	Pass
		1772.5	75	0	13.436	/	Pass
	16QAM	1717.5	27	0	4.842	/	Pass
		1745	27	0	4.831	/	Pass
		1772.5	27	48	4.832	/	Pass
20	QPSK	1720	100	0	17.860	/	Pass
		1745	100	0	17.878	/	Pass
		1770	100	0	17.877	/	Pass
	16QAM	1720	27	0	4.842	/	Pass
		1745	27	0	4.847	/	Pass
		1770	27	73	4.834	/	Pass

4.1.2 Band66_XDB

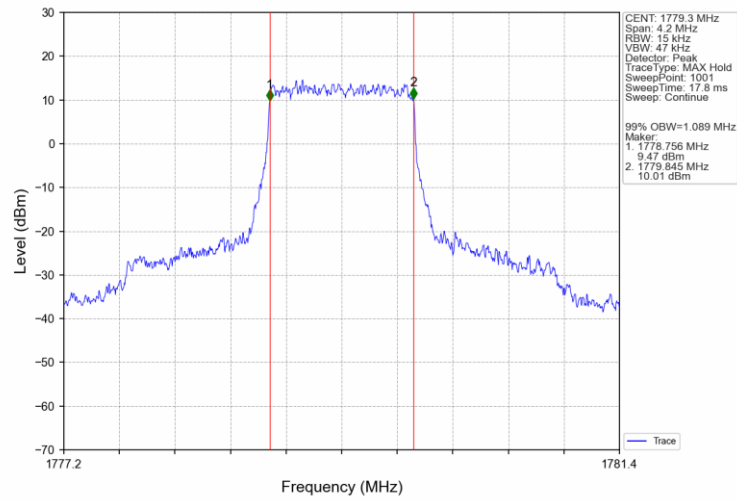
Band: 66 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.223	/	Pass
		1745	6	0	1.258	/	Pass
		1779.3	6	0	1.243	/	Pass
	16QAM	1710.7	6	0	1.246	/	Pass
		1745	6	0	1.219	/	Pass
		1779.3	6	0	1.255	/	Pass
3	QPSK	1711.5	15	0	2.884	/	Pass
		1745	15	0	2.876	/	Pass
		1778.5	15	0	2.858	/	Pass
	16QAM	1711.5	15	0	2.898	/	Pass
		1745	15	0	2.890	/	Pass
		1778.5	15	0	2.892	/	Pass
5	QPSK	1712.5	25	0	4.876	/	Pass
		1745	25	0	4.831	/	Pass
		1777.5	25	0	4.856	/	Pass
	16QAM	1712.5	25	0	4.865	/	Pass
		1745	25	0	4.976	/	Pass
		1777.5	25	0	4.806	/	Pass
10	QPSK	1715	50	0	9.617	/	Pass
		1745	50	0	9.571	/	Pass
		1775	50	0	9.636	/	Pass
	16QAM	1715	27	0	5.529	/	Pass
		1745	27	0	5.523	/	Pass
		1775	27	23	5.424	/	Pass
15	QPSK	1717.5	75	0	14.351	/	Pass
		1745	75	0	14.304	/	Pass
		1772.5	75	0	14.431	/	Pass
	16QAM	1717.5	27	0	5.730	/	Pass
		1745	27	0	5.525	/	Pass
		1772.5	27	48	5.566	/	Pass
20	QPSK	1720	100	0	19.027	/	Pass
		1745	100	0	19.171	/	Pass
		1770	100	0	18.985	/	Pass
	16QAM	1720	27	0	5.577	/	Pass
		1745	27	0	5.603	/	Pass
		1770	27	73	5.596	/	Pass

4.2 Test Graph

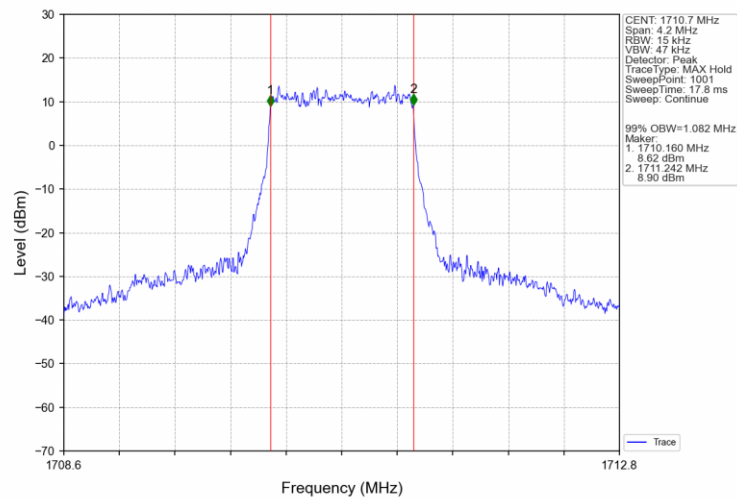
4.2.1 Band66_OBW



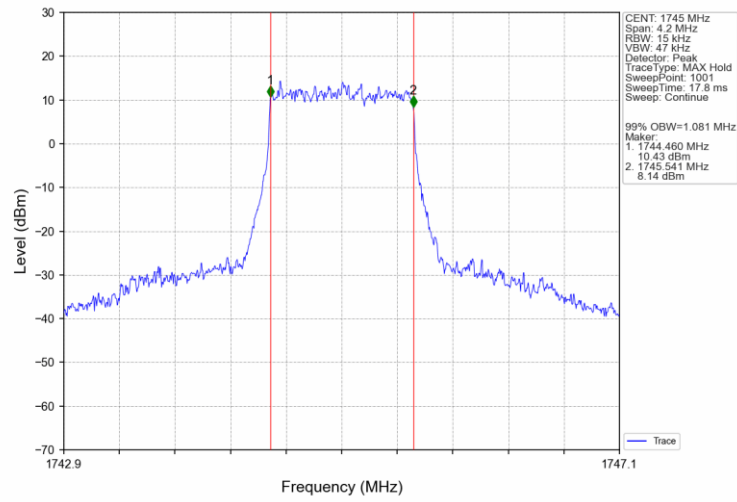
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



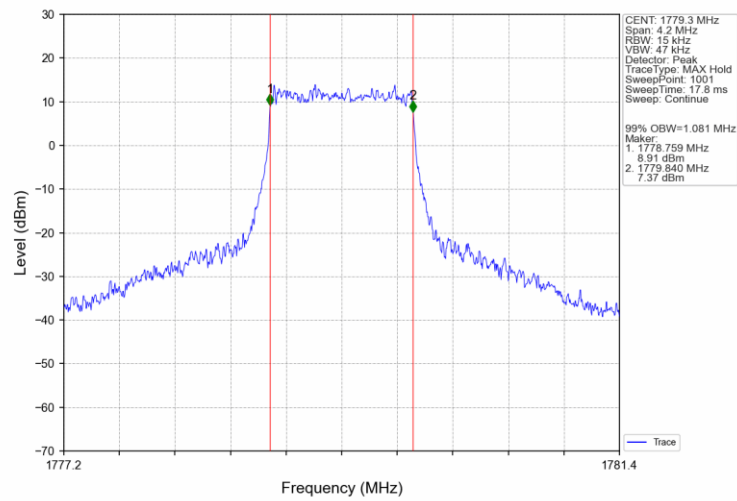
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



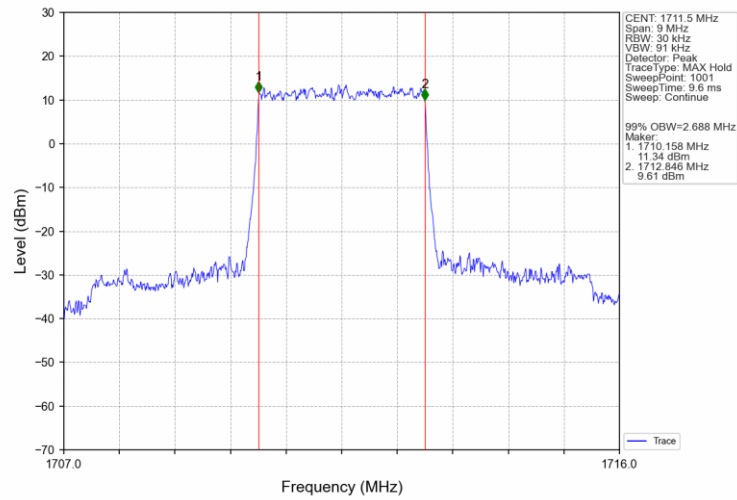
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



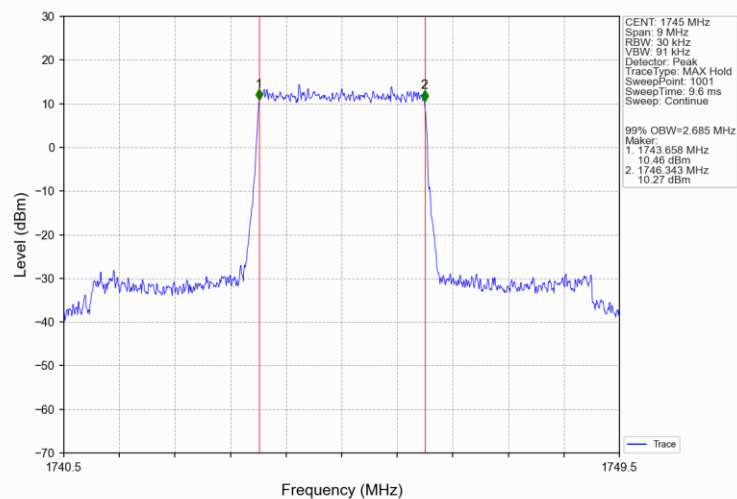
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



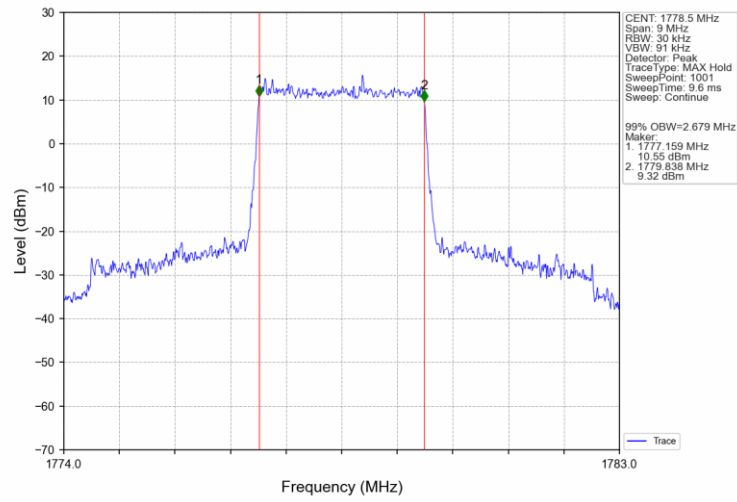
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



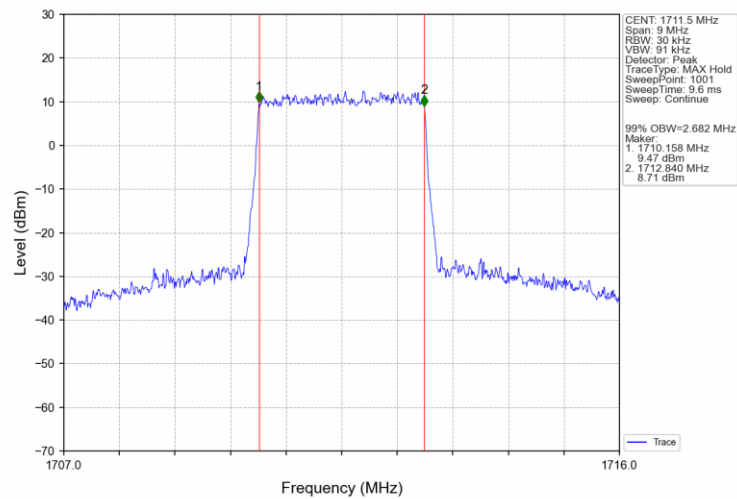
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



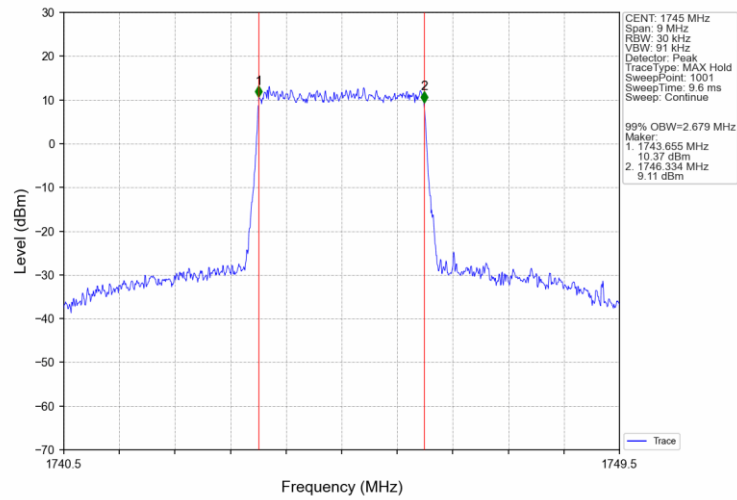
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



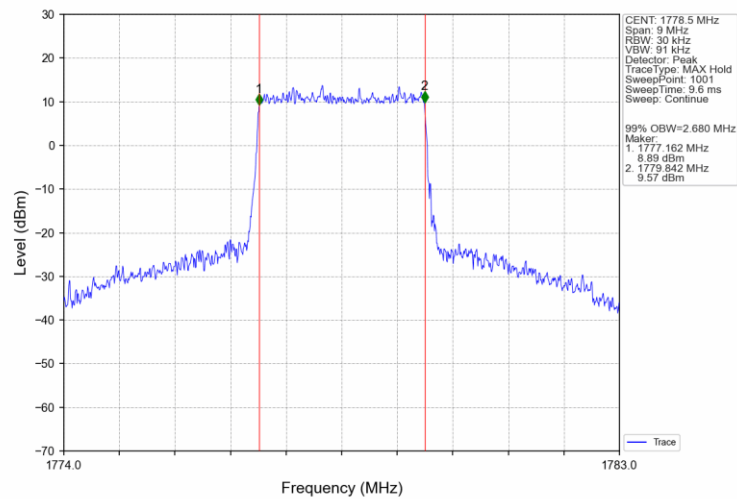
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



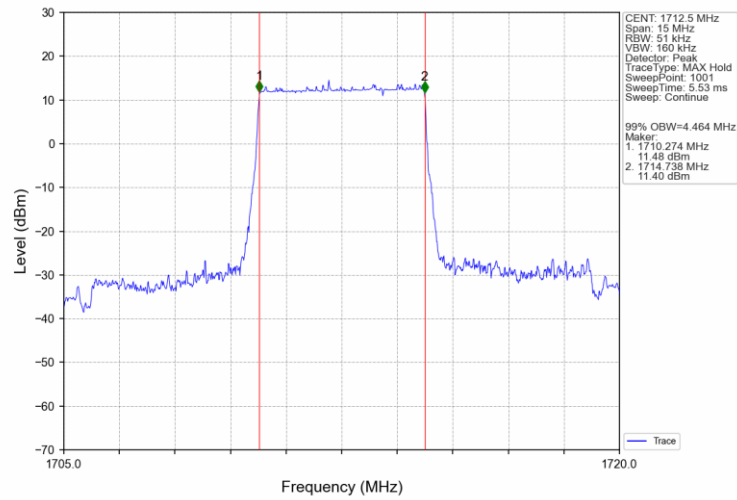
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



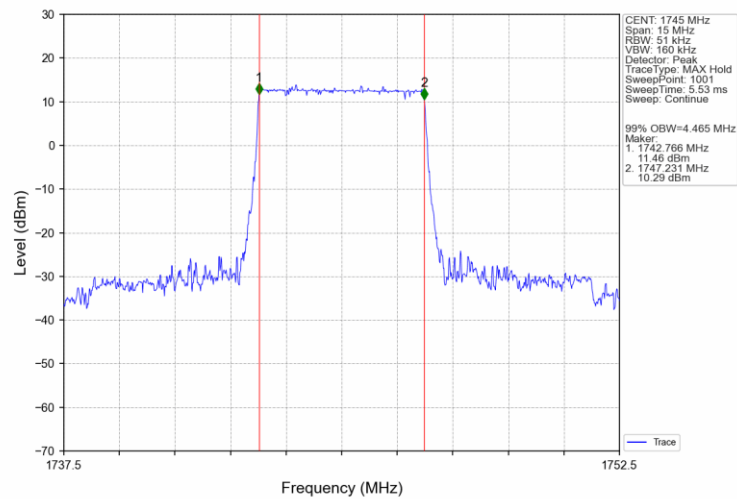
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



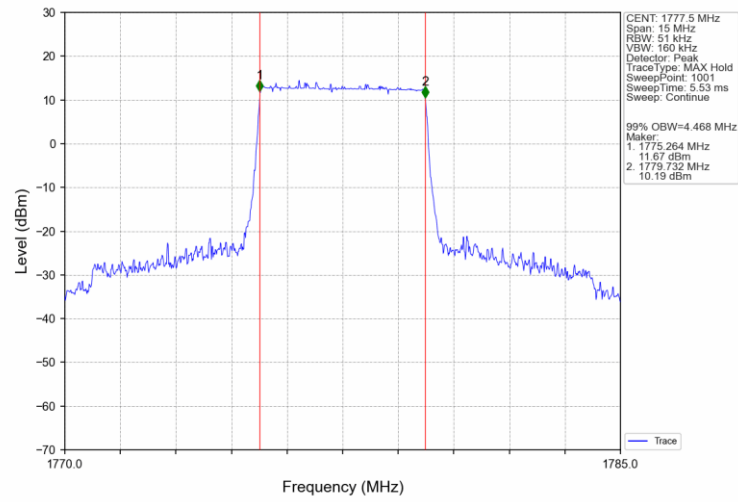
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



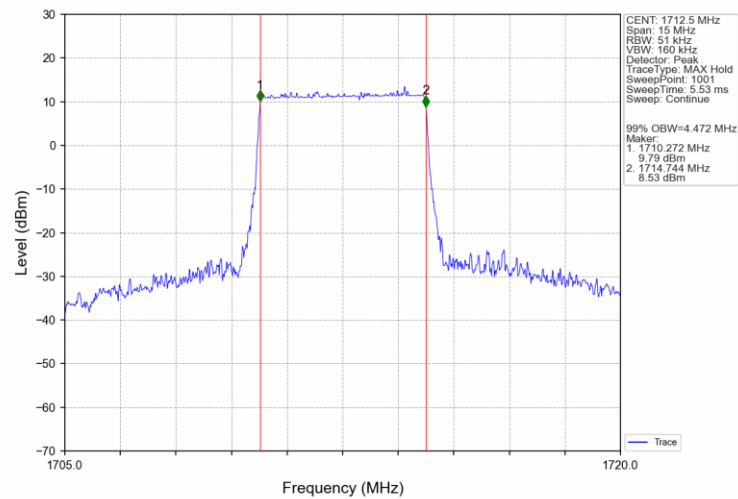
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



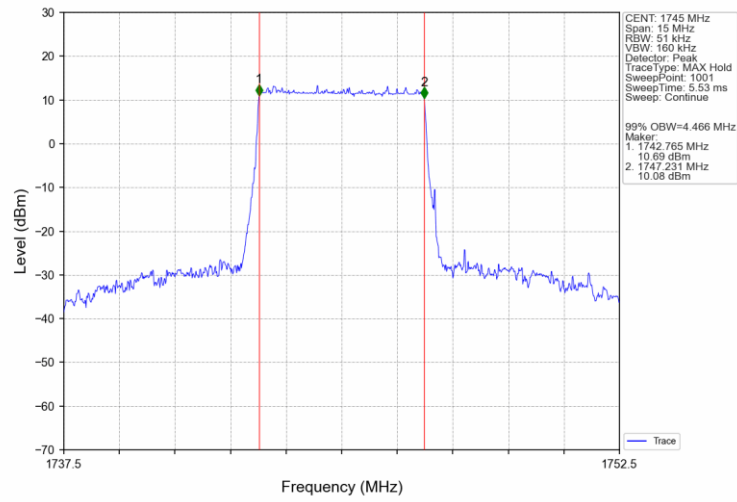
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



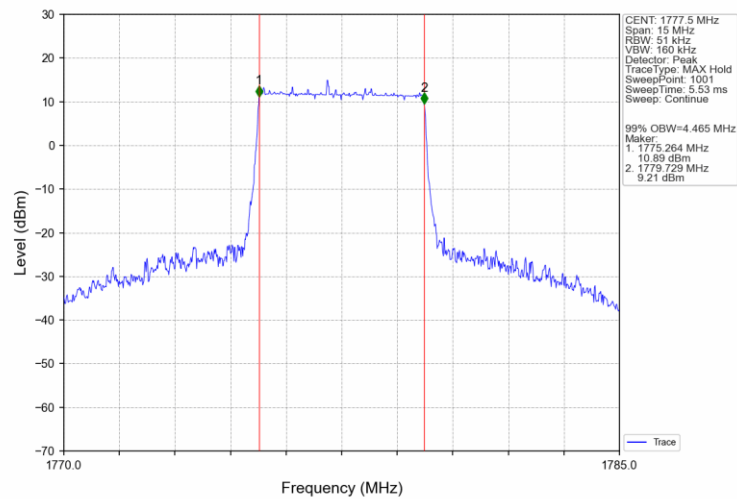
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



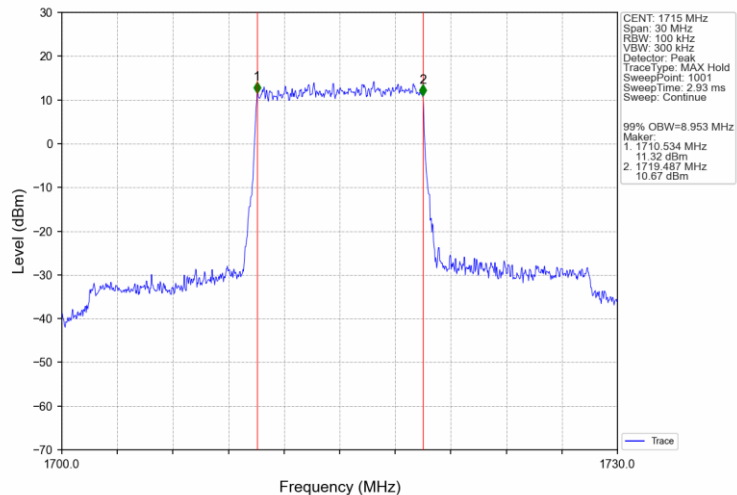
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



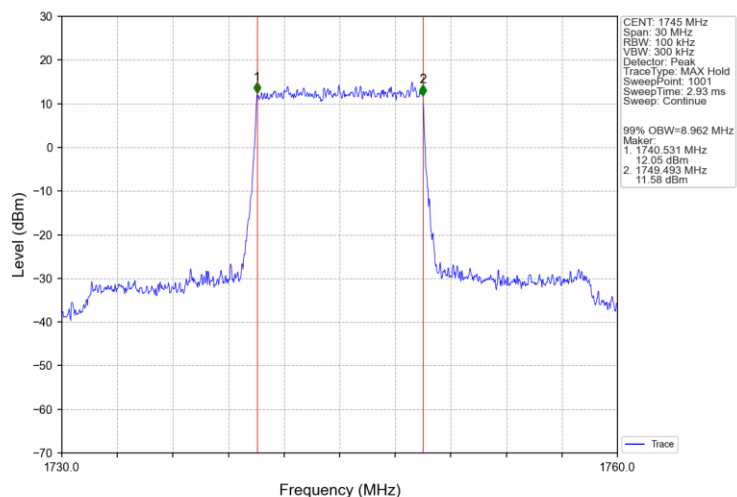
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



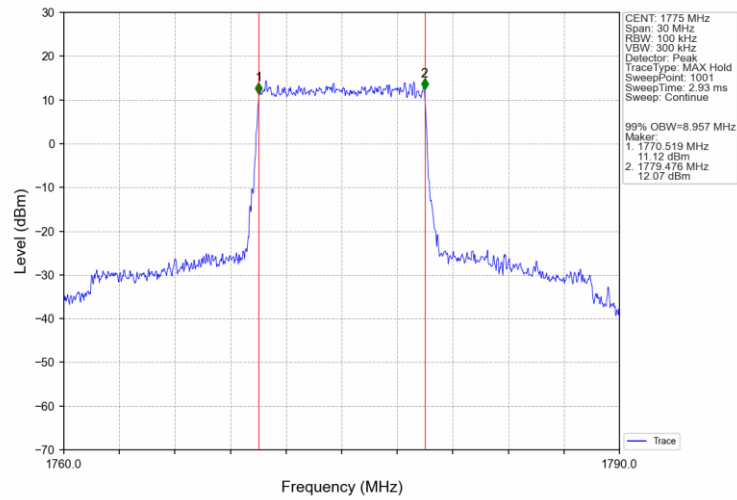
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



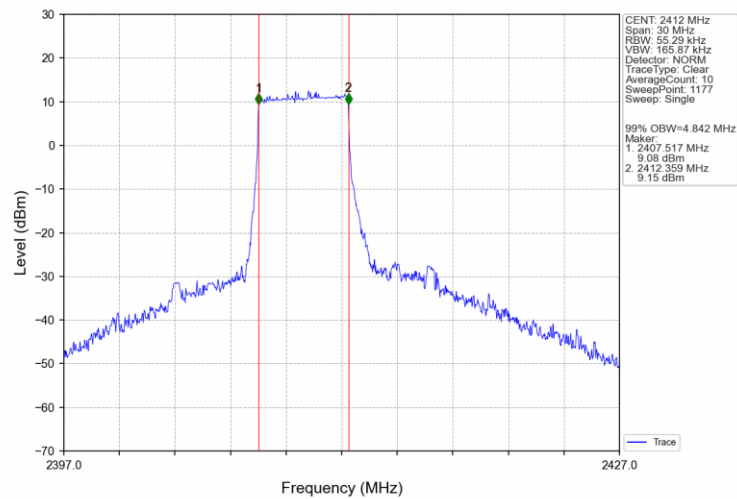
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



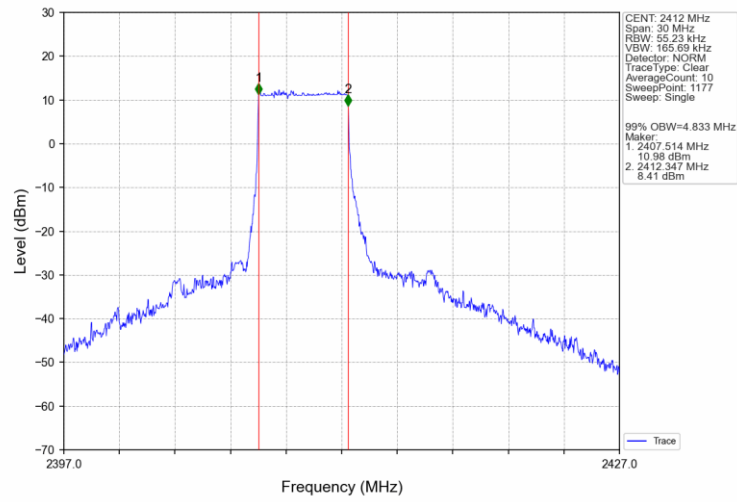
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



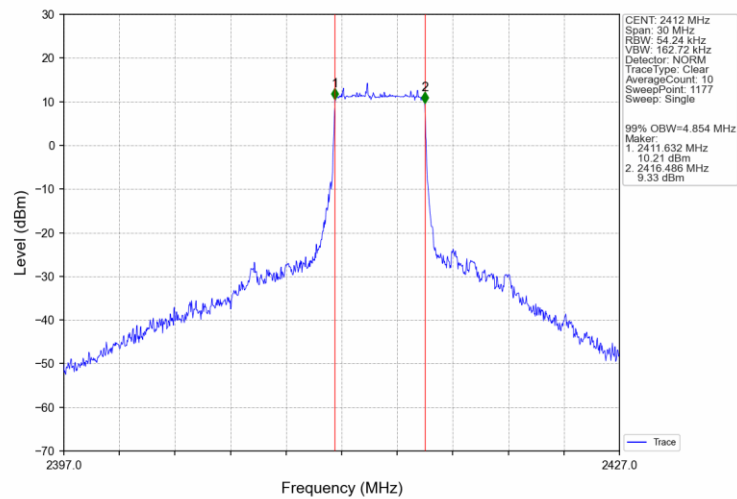
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



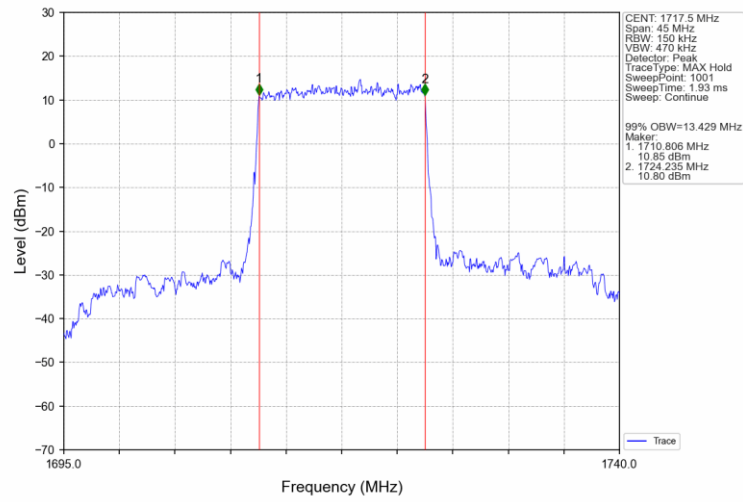
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



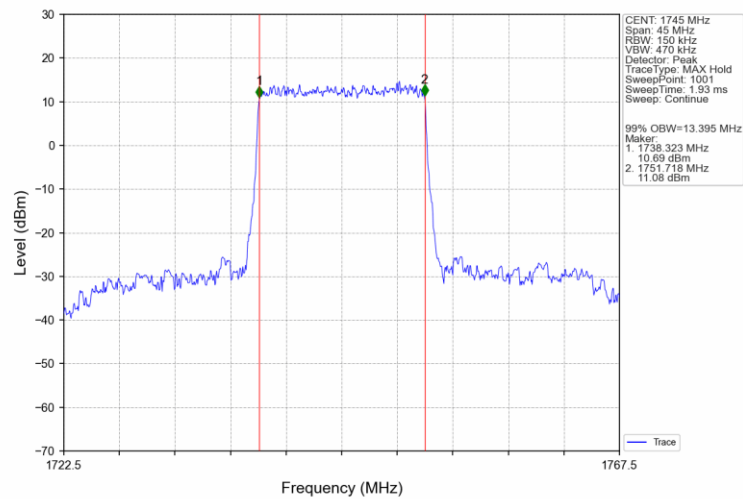
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



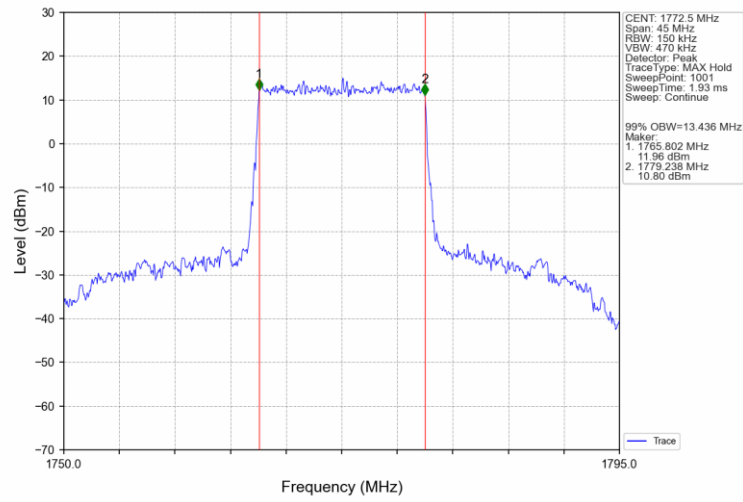
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



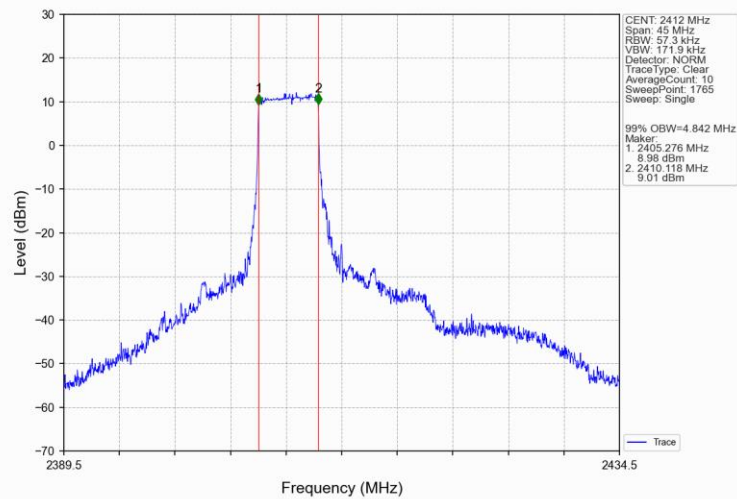
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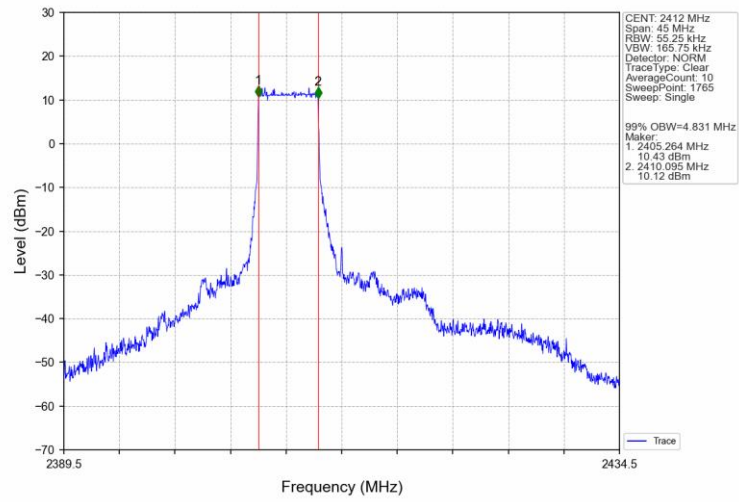
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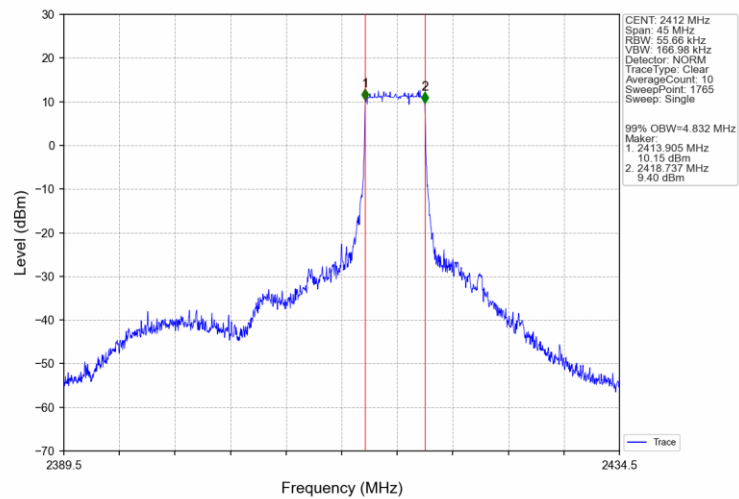
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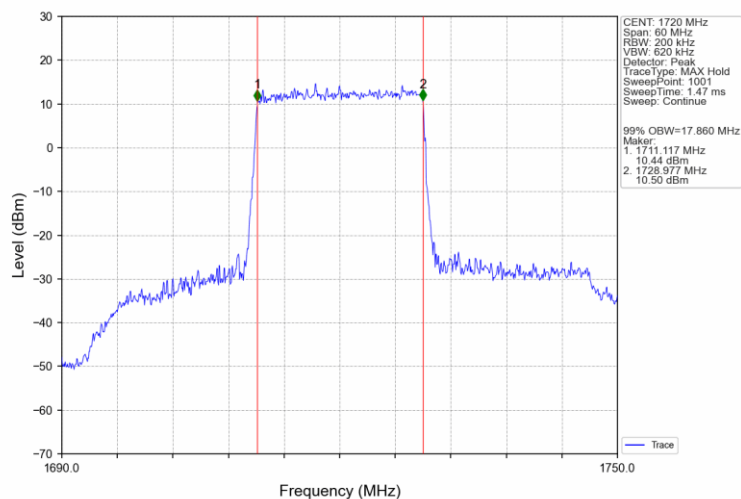
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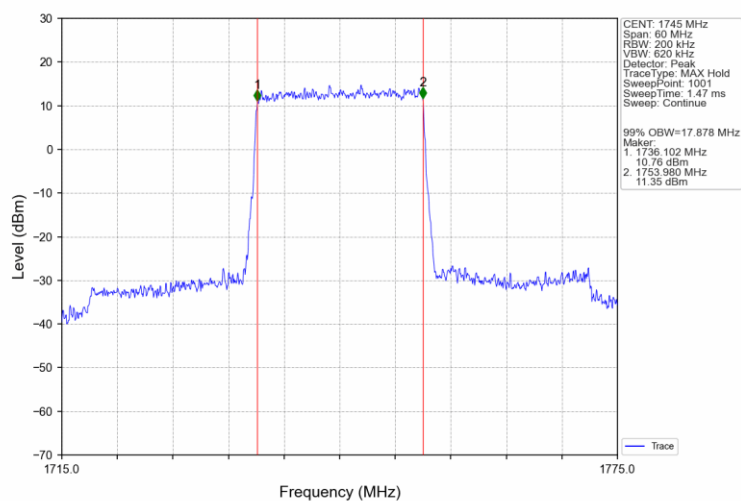
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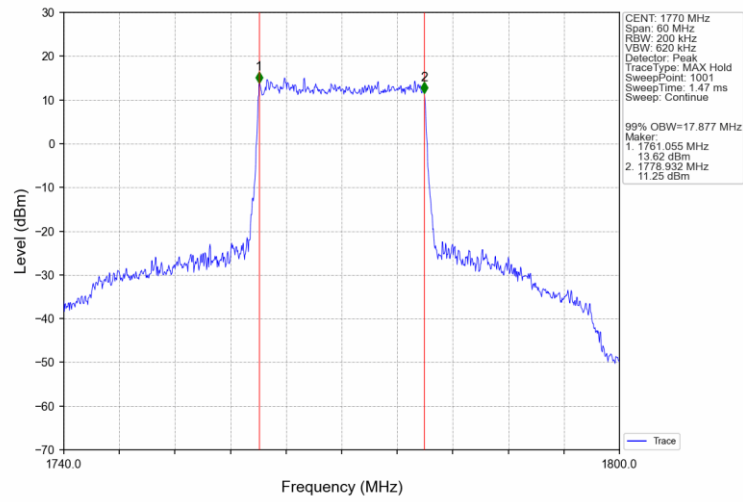
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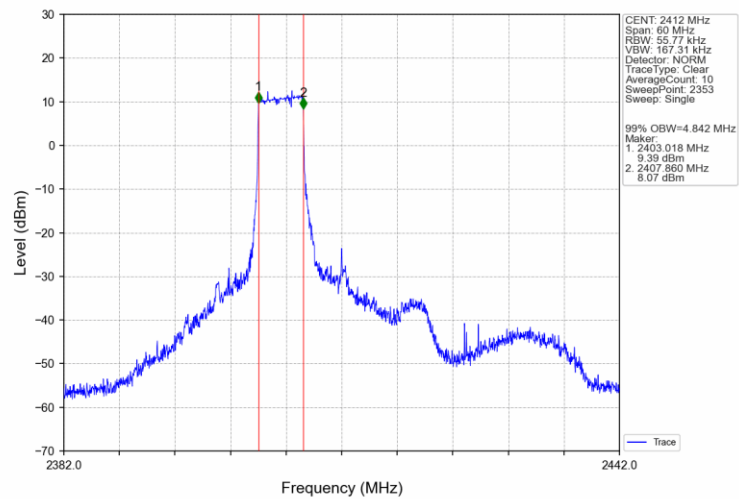
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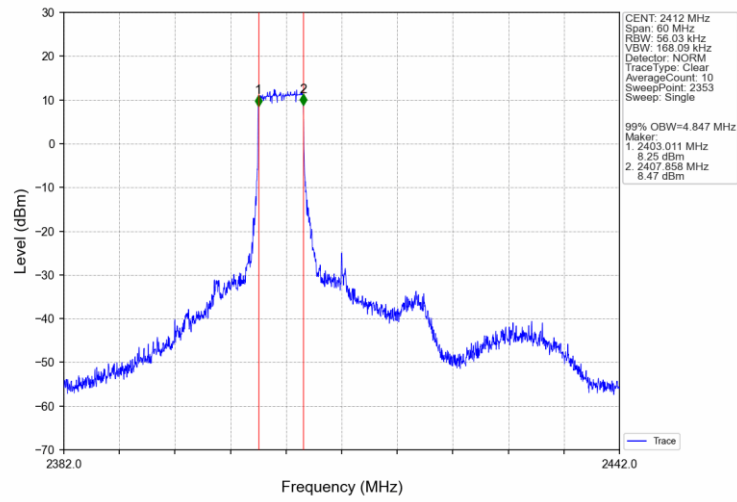
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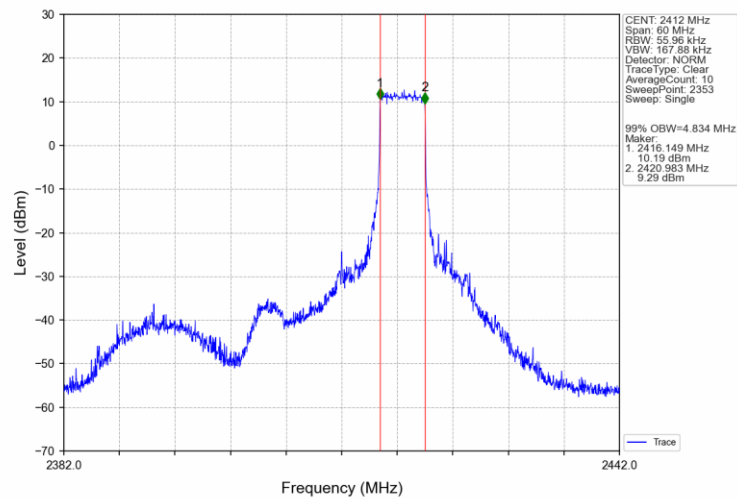
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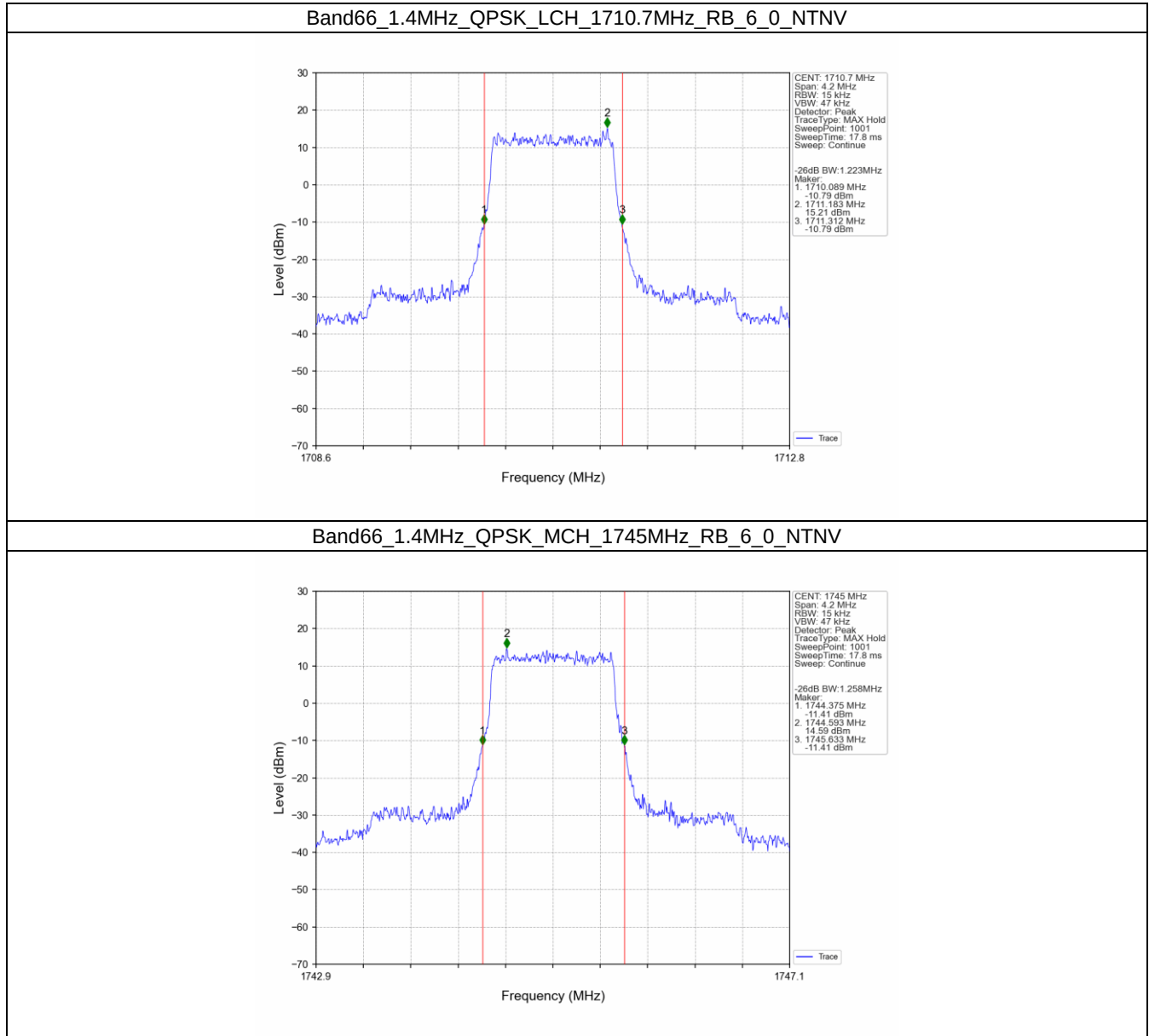
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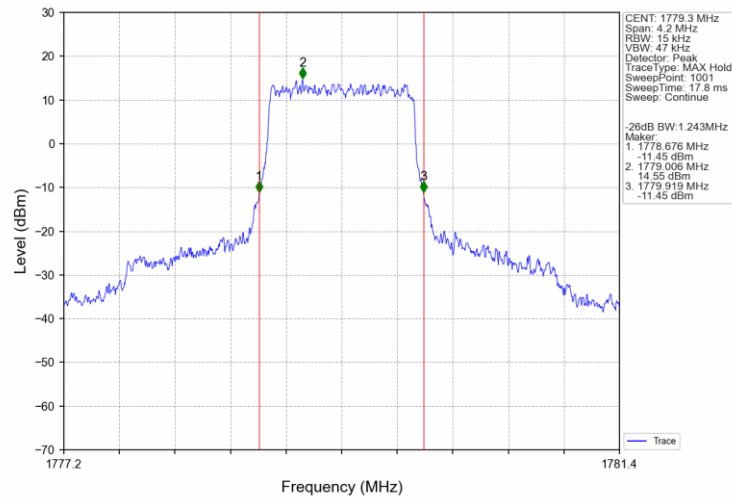
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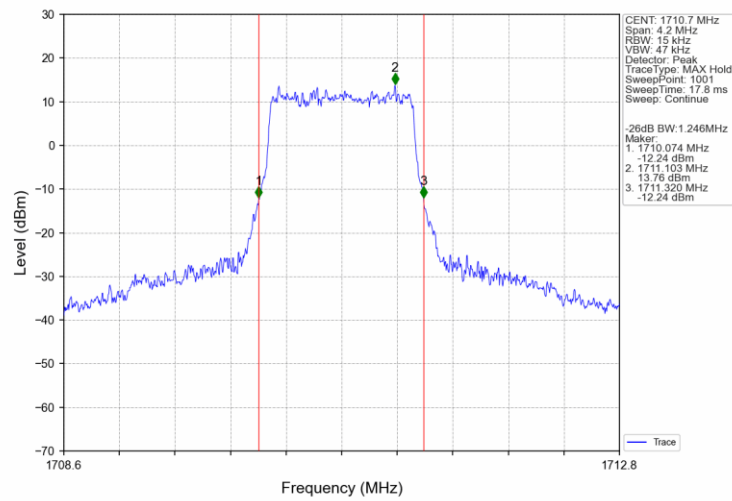
4.2.2 Band66_XDB



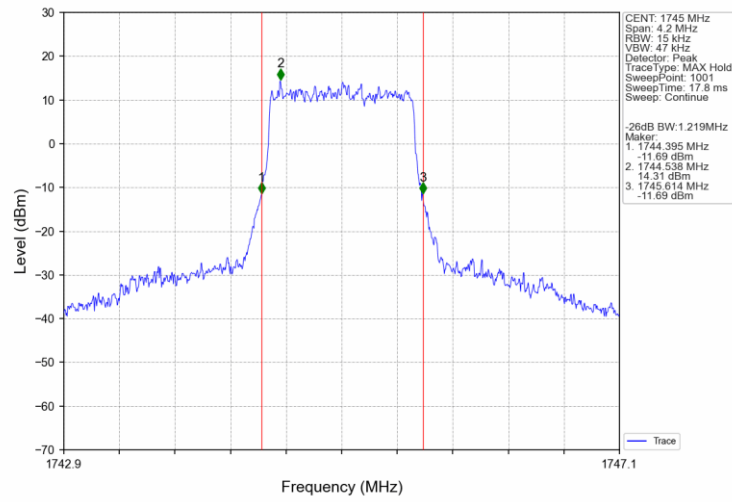
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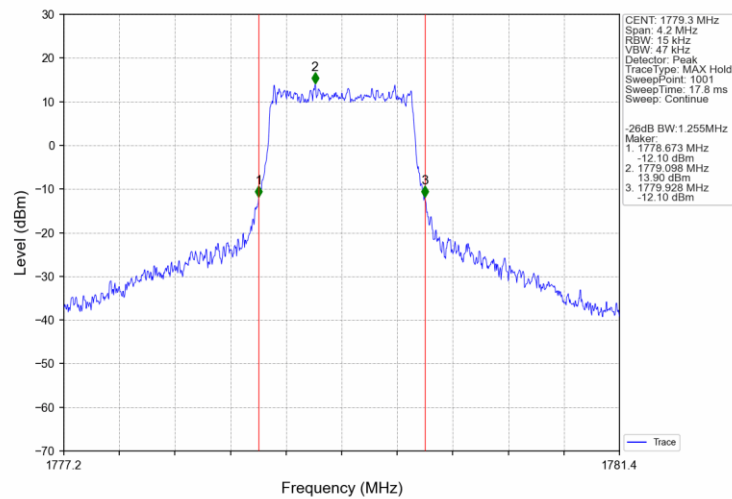
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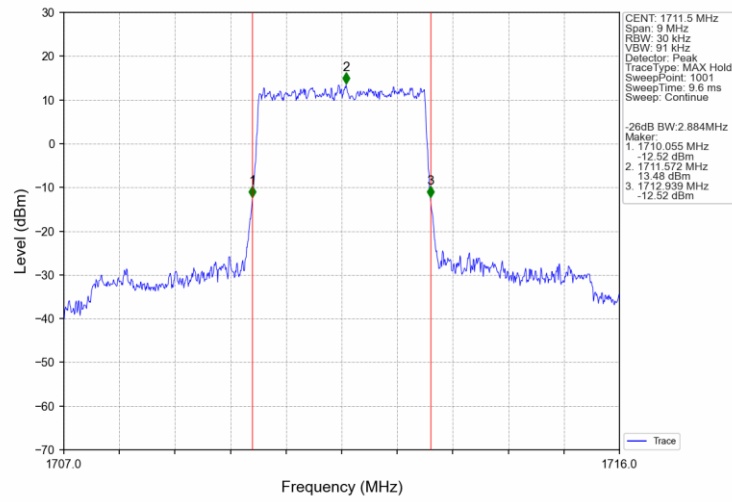
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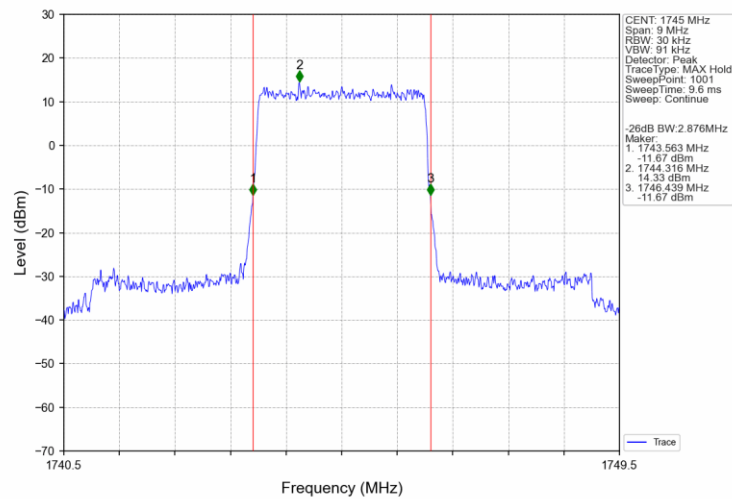
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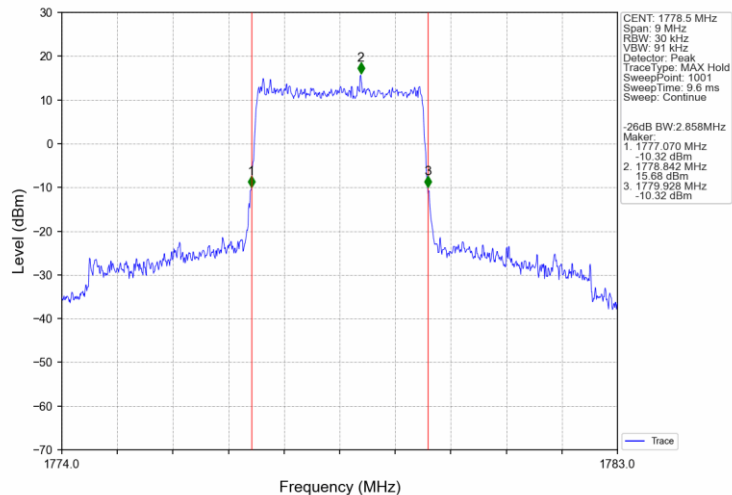
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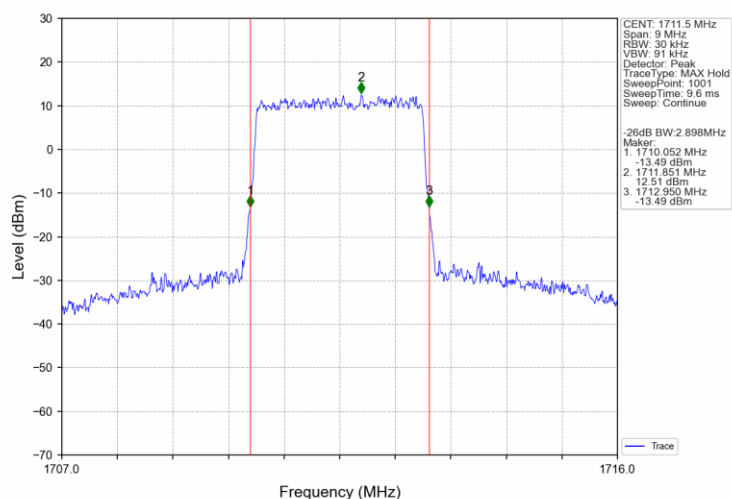
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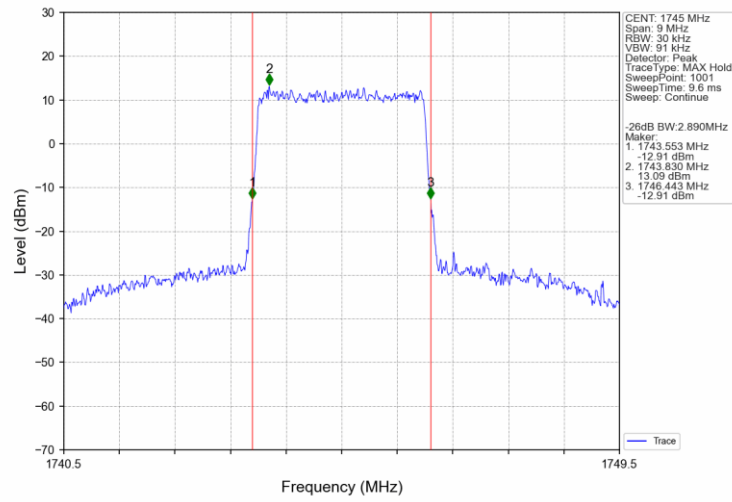
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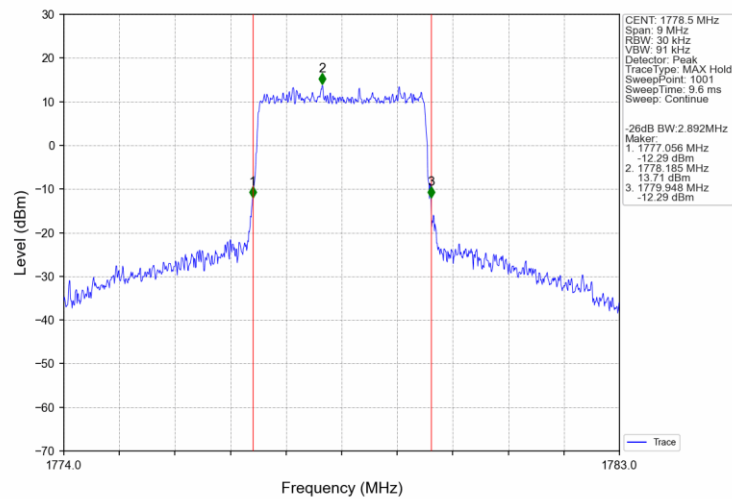
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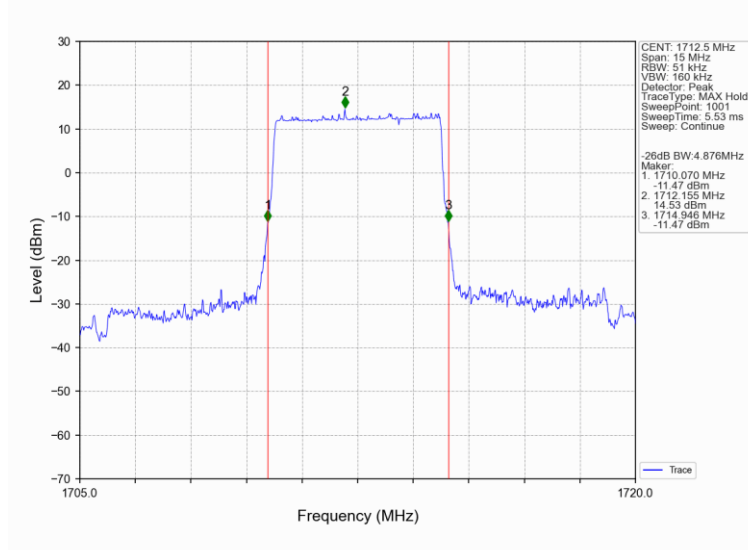
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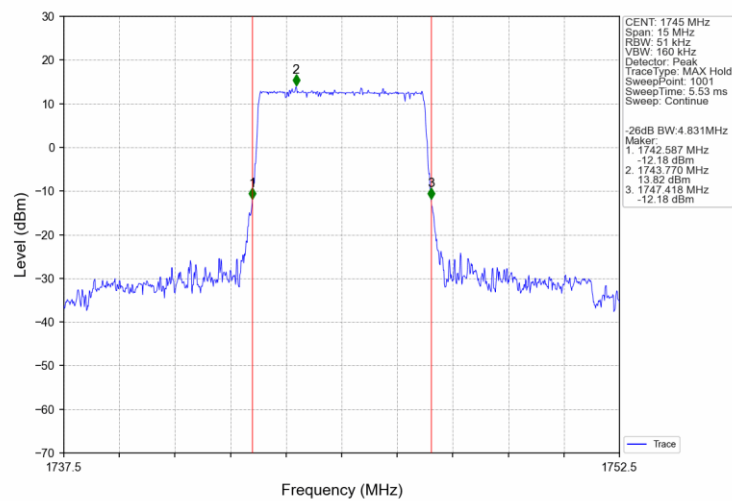
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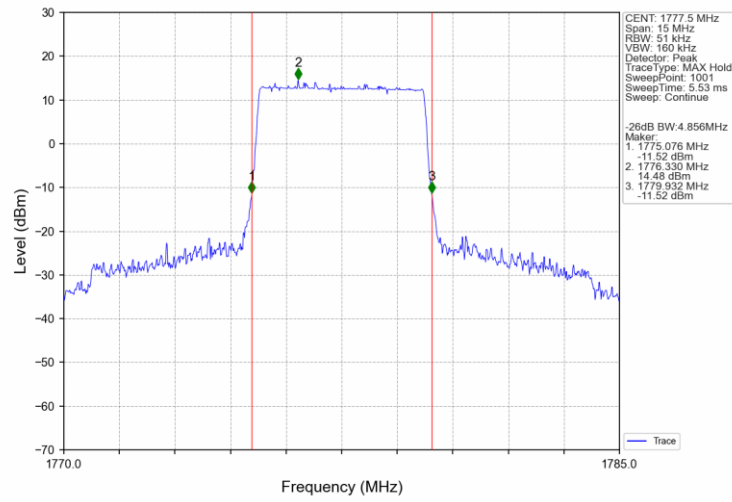
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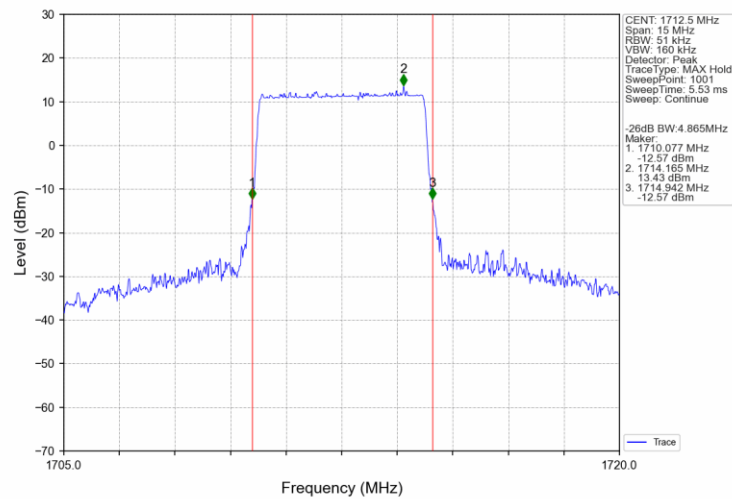
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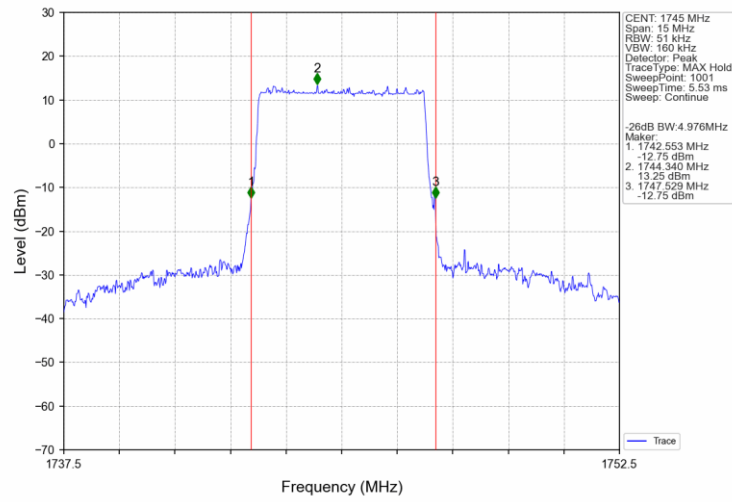
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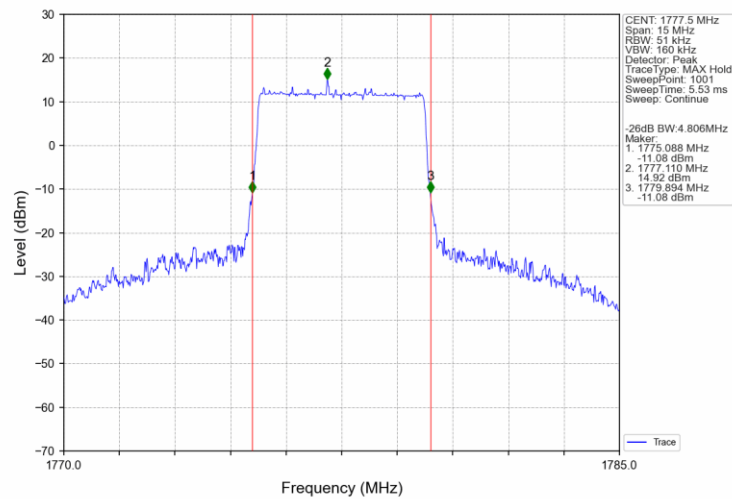
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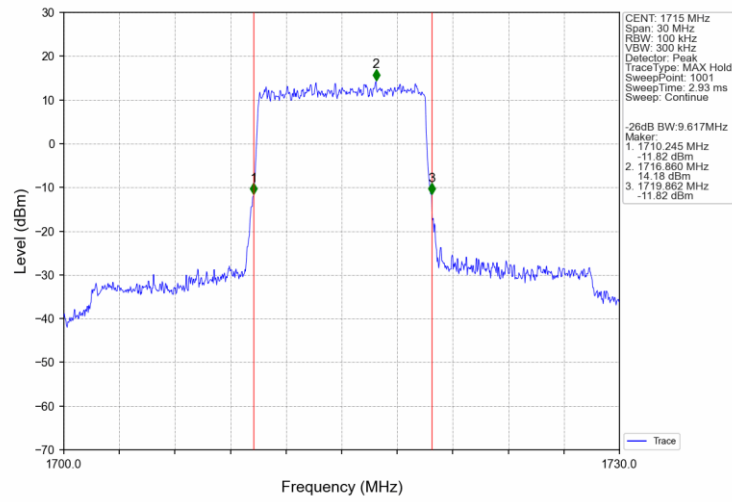
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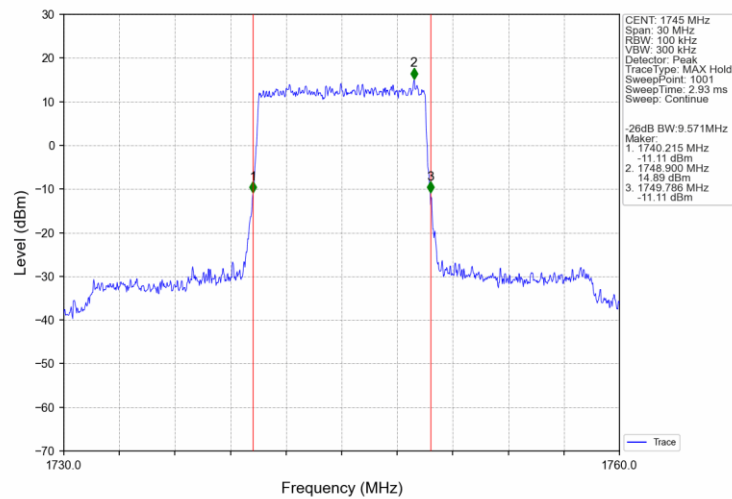
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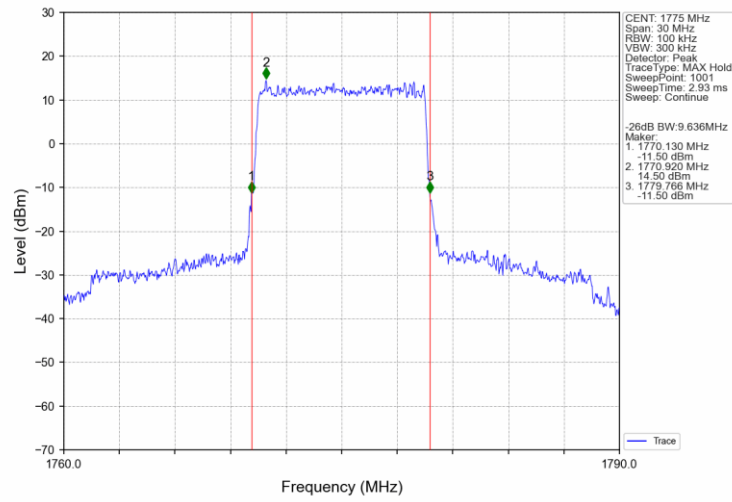
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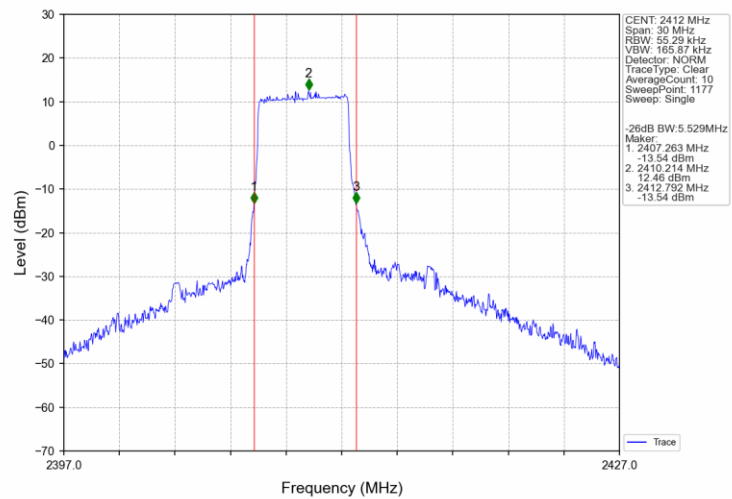
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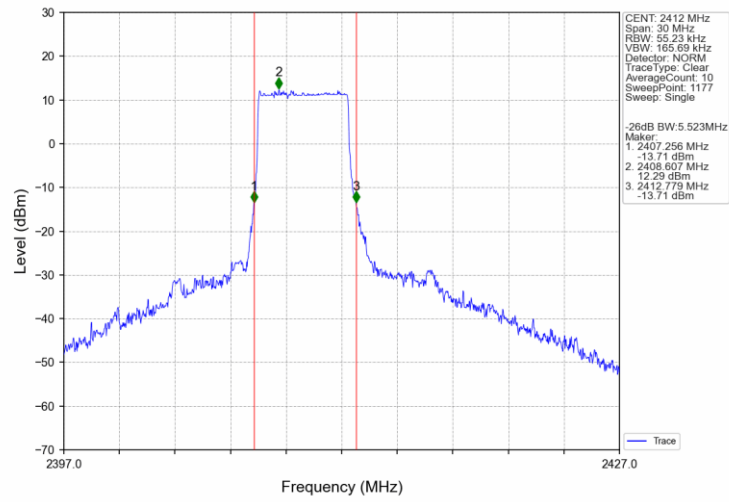
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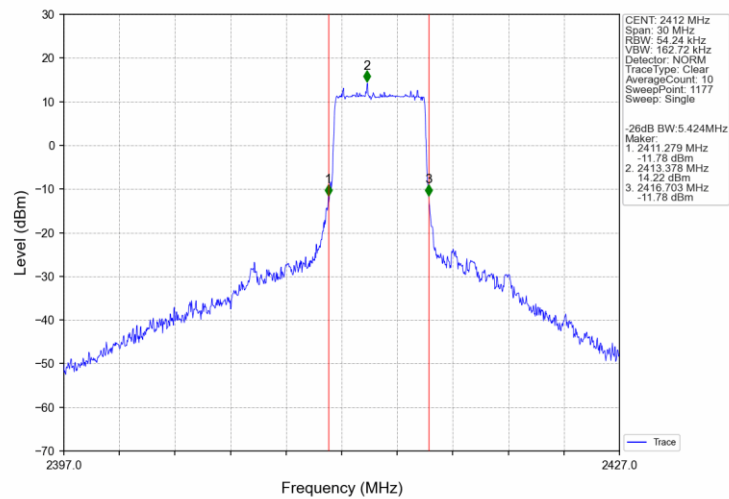
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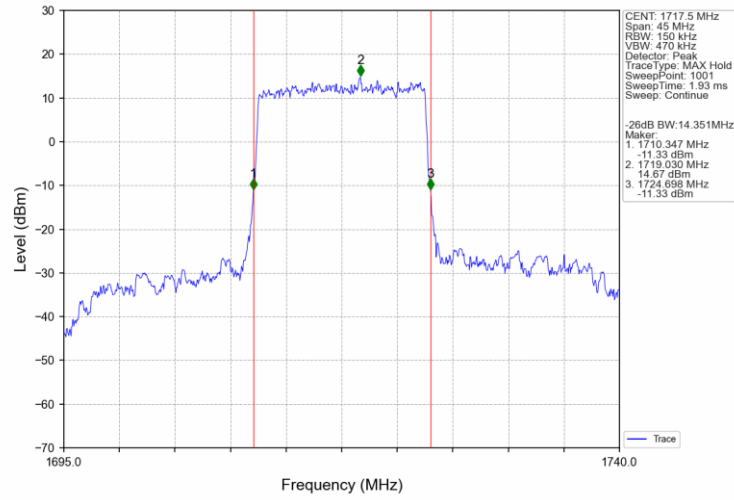
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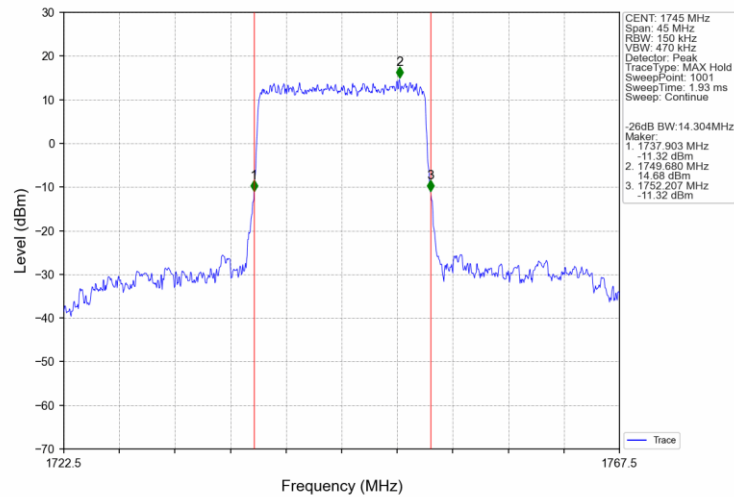
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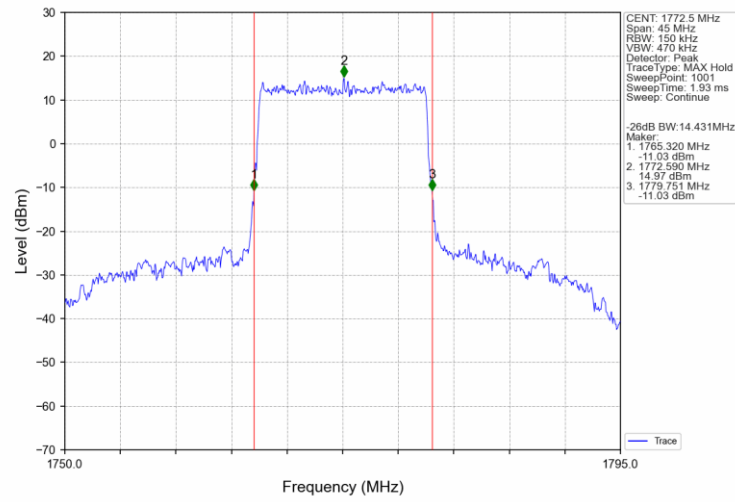
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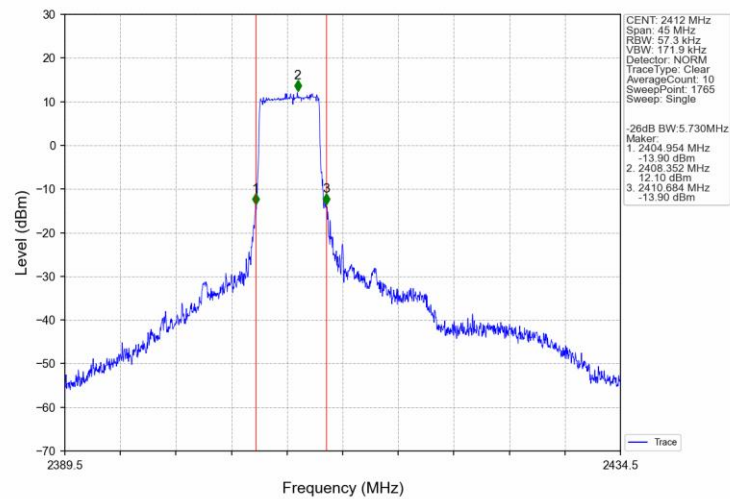
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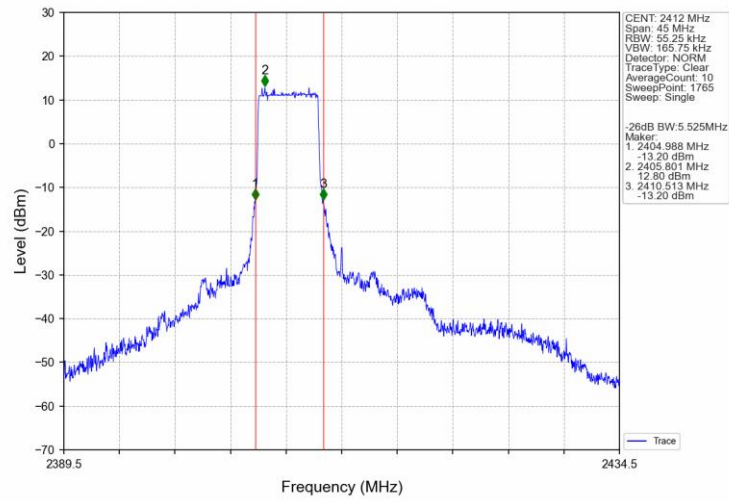
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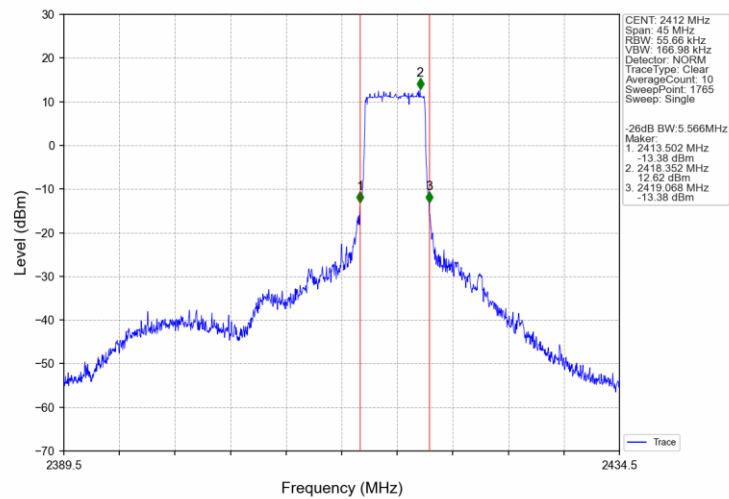
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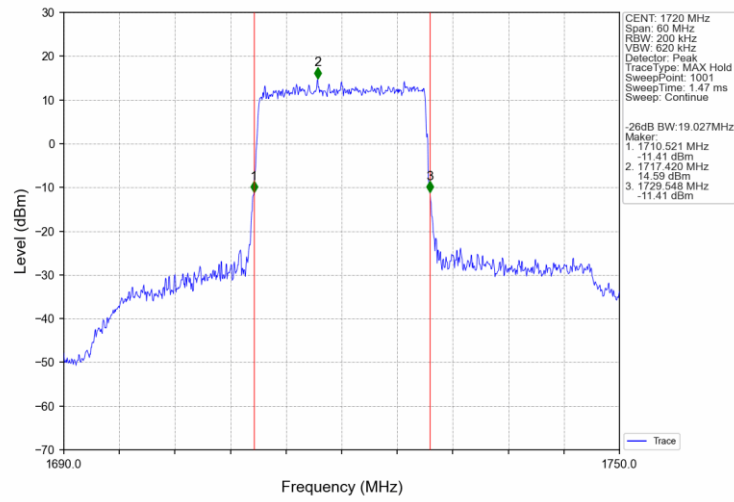
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

