

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	21.96	0.54	22.50	<=30	Pass
			2	21.95	0.54	22.49	<=30	Pass
			5	21.97	0.54	22.51	<=30	Pass
		3	0	22.47	0.54	23.01	<=30	Pass
			2	22.46	0.54	23.00	<=30	Pass
			3	22.45	0.54	22.99	<=30	Pass
		6	0	21.50	0.54	22.04	<=30	Pass
	1745	1	0	21.88	0.54	22.42	<=30	Pass
			2	21.92	0.54	22.46	<=30	Pass
			5	21.91	0.54	22.45	<=30	Pass
		3	0	22.50	0.54	23.04	<=30	Pass
			2	22.45	0.54	22.99	<=30	Pass
			3	22.46	0.54	23.00	<=30	Pass
		6	0	21.49	0.54	22.03	<=30	Pass
	1779.3	1	0	21.96	0.54	22.50	<=30	Pass
			2	22.02	0.54	22.56	<=30	Pass
			5	21.99	0.54	22.53	<=30	Pass
		3	0	22.53	0.54	23.07	<=30	Pass
			2	22.56	0.54	23.10	<=30	Pass
			3	22.55	0.54	23.09	<=30	Pass
		6	0	21.50	0.54	22.04	<=30	Pass
16QAM	1710.7	1	0	21.12	0.54	21.66	<=30	Pass
			2	21.14	0.54	21.68	<=30	Pass
			5	21.15	0.54	21.69	<=30	Pass
		3	0	21.45	0.54	21.99	<=30	Pass
			2	21.46	0.54	22.00	<=30	Pass
			3	21.45	0.54	21.99	<=30	Pass
		6	0	20.50	0.54	21.04	<=30	Pass
	1745	1	0	20.97	0.54	21.51	<=30	Pass
			2	20.93	0.54	21.47	<=30	Pass
			5	20.94	0.54	21.48	<=30	Pass
		3	0	21.65	0.54	22.19	<=30	Pass
			2	21.64	0.54	22.18	<=30	Pass
			3	21.61	0.54	22.15	<=30	Pass
		6	0	20.45	0.54	20.99	<=30	Pass
	1779.3	1	0	21.03	0.54	21.57	<=30	Pass
			2	21.03	0.54	21.57	<=30	Pass
			5	21.09	0.54	21.63	<=30	Pass
		3	0	21.56	0.54	22.10	<=30	Pass
			2	21.54	0.54	22.08	<=30	Pass
			3	21.54	0.54	22.08	<=30	Pass
		6	0	20.43	0.54	20.97	<=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	22.31	0.54	22.85	<=30	Pass
			7	22.06	0.54	22.60	<=30	Pass
			14	21.98	0.54	22.52	<=30	Pass
		8	0	21.46	0.54	22.00	<=30	Pass
			4	21.43	0.54	21.97	<=30	Pass
			7	21.49	0.54	22.03	<=30	Pass
		15	0	21.47	0.54	22.01	<=30	Pass
	1745	1	0	21.91	0.54	22.45	<=30	Pass
			7	21.88	0.54	22.42	<=30	Pass
			14	21.85	0.54	22.39	<=30	Pass
		8	0	21.43	0.54	21.97	<=30	Pass
			4	21.37	0.54	21.91	<=30	Pass
			7	21.35	0.54	21.89	<=30	Pass
		15	0	21.37	0.54	21.91	<=30	Pass
	1778.5	1	0	21.94	0.54	22.48	<=30	Pass
			7	21.98	0.54	22.52	<=30	Pass
			14	21.97	0.54	22.51	<=30	Pass
		8	0	21.48	0.54	22.02	<=30	Pass
			4	21.43	0.54	21.97	<=30	Pass
			7	21.47	0.54	22.01	<=30	Pass
		15	0	21.48	0.54	22.02	<=30	Pass
16QAM	1711.5	1	0	20.97	0.54	21.51	<=30	Pass
			7	20.99	0.54	21.53	<=30	Pass
			14	21.01	0.54	21.55	<=30	Pass
		8	0	20.51	0.54	21.05	<=30	Pass
			4	20.51	0.54	21.05	<=30	Pass
			7	20.55	0.54	21.09	<=30	Pass
		15	0	20.52	0.54	21.06	<=30	Pass
	1745	1	0	21.11	0.54	21.65	<=30	Pass
			7	21.07	0.54	21.61	<=30	Pass
			14	21.02	0.54	21.56	<=30	Pass
		8	0	20.37	0.54	20.91	<=30	Pass
			4	20.32	0.54	20.86	<=30	Pass
			7	20.33	0.54	20.87	<=30	Pass
		15	0	20.30	0.54	20.84	<=30	Pass
	1778.5	1	0	21.03	0.54	21.57	<=30	Pass
			7	21.05	0.54	21.59	<=30	Pass
			14	21.03	0.54	21.57	<=30	Pass
		8	0	20.51	0.54	21.05	<=30	Pass
			4	20.53	0.54	21.07	<=30	Pass
			7	20.51	0.54	21.05	<=30	Pass
		15	0	20.52	0.54	21.06	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

Band: 66 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	21.99	0.54	22.53	<=30	Pass		
			13	22.04	0.54	22.58	<=30	Pass		
			24	22.07	0.54	22.61	<=30	Pass		
		12	0	21.46	0.54	22.00	<=30	Pass		
			6	21.51	0.54	22.05	<=30	Pass		
			13	21.53	0.54	22.07	<=30	Pass		
		25	0	21.50	0.54	22.04	<=30	Pass		
		1745	1	0	21.96	0.54	22.50	<=30	Pass	
				13	21.92	0.54	22.46	<=30	Pass	
	24			21.91	0.54	22.45	<=30	Pass		
	12		0	21.42	0.54	21.96	<=30	Pass		
			6	21.42	0.54	21.96	<=30	Pass		
			13	21.33	0.54	21.87	<=30	Pass		
	25		0	21.39	0.54	21.93	<=30	Pass		
	1777.5		1	0	22.04	0.54	22.58	<=30	Pass	
				13	22.09	0.54	22.63	<=30	Pass	
		24		22.15	0.54	22.69	<=30	Pass		
		12	0	21.44	0.54	21.98	<=30	Pass		
			6	21.45	0.54	21.99	<=30	Pass		
			13	21.46	0.54	22.00	<=30	Pass		
		25	0	21.48	0.54	22.02	<=30	Pass		
		16QAM	1712.5	1	0	21.06	0.54	21.60	<=30	Pass
					13	21.12	0.54	21.66	<=30	Pass
	24				21.13	0.54	21.67	<=30	Pass	
12	0			20.38	0.54	20.92	<=30	Pass		
	6			20.48	0.54	21.02	<=30	Pass		
	13			20.48	0.54	21.02	<=30	Pass		
25	0			20.54	0.54	21.08	<=30	Pass		
1745	1			0	21.21	0.54	21.75	<=30	Pass	
				13	21.17	0.54	21.71	<=30	Pass	
			24	21.13	0.54	21.67	<=30	Pass		
	12		0	20.49	0.54	21.03	<=30	Pass		
			6	20.44	0.54	20.98	<=30	Pass		
			13	20.36	0.54	20.90	<=30	Pass		
	25		0	20.39	0.54	20.93	<=30	Pass		
	1777.5		1	0	20.80	0.54	21.34	<=30	Pass	
				13	20.83	0.54	21.37	<=30	Pass	
24				20.85	0.54	21.39	<=30	Pass		
12			0	20.42	0.54	20.96	<=30	Pass		
			6	20.45	0.54	20.99	<=30	Pass		
			13	20.45	0.54	20.99	<=30	Pass		
25			0	20.51	0.54	21.05	<=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	21.94	0.54	22.48	<=30	Pass
			25	22.04	0.54	22.58	<=30	Pass
			49	22.00	0.54	22.54	<=30	Pass
		25	0	21.43	0.54	21.97	<=30	Pass
			13	21.52	0.54	22.06	<=30	Pass
			25	21.63	0.54	22.17	<=30	Pass
		50	0	21.56	0.54	22.10	<=30	Pass
			0	21.91	0.54	22.45	<=30	Pass
			25	21.92	0.54	22.46	<=30	Pass
	1745	1	49	21.78	0.54	22.32	<=30	Pass
			0	21.48	0.54	22.02	<=30	Pass
			13	21.40	0.54	21.94	<=30	Pass
		25	25	21.42	0.54	21.96	<=30	Pass
			0	21.47	0.54	22.01	<=30	Pass
			0	21.84	0.54	22.38	<=30	Pass
		50	25	21.96	0.54	22.50	<=30	Pass
			49	21.98	0.54	22.52	<=30	Pass
			0	21.45	0.54	21.99	<=30	Pass
	1775	25	13	21.44	0.54	21.98	<=30	Pass
			25	21.52	0.54	22.06	<=30	Pass
			0	21.52	0.54	22.06	<=30	Pass
16QAM	1715	1	0	20.95	0.54	21.49	<=30	Pass
			25	21.01	0.54	21.55	<=30	Pass
			49	20.99	0.54	21.53	<=30	Pass
		12	0	21.49	0.54	22.03	<=30	Pass
			19	21.54	0.54	22.08	<=30	Pass
			38	21.63	0.54	22.17	<=30	Pass
		27	0	20.41	0.54	20.95	<=30	Pass
			0	21.11	0.54	21.65	<=30	Pass
			25	21.09	0.54	21.63	<=30	Pass
	1745	1	49	20.96	0.54	21.50	<=30	Pass
			0	21.46	0.54	22.00	<=30	Pass
			19	21.45	0.54	21.99	<=30	Pass
		12	38	21.37	0.54	21.91	<=30	Pass
			0	20.48	0.54	21.02	<=30	Pass
			0	21.38	0.54	21.92	<=30	Pass
		27	25	21.50	0.54	22.04	<=30	Pass
			49	21.46	0.54	22.00	<=30	Pass
			0	21.45	0.54	21.99	<=30	Pass
	1775	12	19	21.52	0.54	22.06	<=30	Pass
			38	21.54	0.54	22.08	<=30	Pass
			23	20.47	0.54	21.01	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

Band: 66 / Bandwidth: 15MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	21.81	0.54	22.35	<=30	Pass		
			38	21.92	0.54	22.46	<=30	Pass		
			74	21.88	0.54	22.42	<=30	Pass		
		36	0	21.38	0.54	21.92	<=30	Pass		
			18	21.50	0.54	22.04	<=30	Pass		
			39	21.58	0.54	22.12	<=30	Pass		
		75	0	21.52	0.54	22.06	<=30	Pass		
		1745	1	0	21.91	0.54	22.45	<=30	Pass	
				38	21.89	0.54	22.43	<=30	Pass	
	74			21.70	0.54	22.24	<=30	Pass		
	36		0	21.46	0.54	22.00	<=30	Pass		
			18	21.38	0.54	21.92	<=30	Pass		
			39	21.34	0.54	21.88	<=30	Pass		
	75		0	21.45	0.54	21.99	<=30	Pass		
	1772.5		1	0	21.76	0.54	22.30	<=30	Pass	
				38	21.89	0.54	22.43	<=30	Pass	
		74		21.90	0.54	22.44	<=30	Pass		
		36	0	21.40	0.54	21.94	<=30	Pass		
			18	21.41	0.54	21.95	<=30	Pass		
			39	21.49	0.54	22.03	<=30	Pass		
		75	0	21.49	0.54	22.03	<=30	Pass		
		16QAM	1717.5	1	0	21.25	0.54	21.79	<=30	Pass
					38	21.36	0.54	21.90	<=30	Pass
	74				21.33	0.54	21.87	<=30	Pass	
	12			0	21.36	0.54	21.90	<=30	Pass	
				31	21.47	0.54	22.01	<=30	Pass	
				63	21.43	0.54	21.97	<=30	Pass	
27	0			20.39	0.54	20.93	<=30	Pass		
1745	1			0	21.09	0.54	21.63	<=30	Pass	
				38	21.07	0.54	21.61	<=30	Pass	
			74	20.87	0.54	21.41	<=30	Pass		
	12		0	21.46	0.54	22.00	<=30	Pass		
			31	21.42	0.54	21.96	<=30	Pass		
			63	21.23	0.54	21.77	<=30	Pass		
	27		0	20.49	0.54	21.03	<=30	Pass		
	1772.5		1	0	21.29	0.54	21.83	<=30	Pass	
				38	21.51	0.54	22.05	<=30	Pass	
74				21.41	0.54	21.95	<=30	Pass		
12			0	21.41	0.54	21.95	<=30	Pass		
			31	21.49	0.54	22.03	<=30	Pass		
			63	21.50	0.54	22.04	<=30	Pass		
27			48	20.43	0.54	20.97	<=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	21.83	0.54	22.37	<=30	Pass
			50	22.00	0.54	22.54	<=30	Pass
			99	21.96	0.54	22.50	<=30	Pass
		50	0	21.34	0.54	21.88	<=30	Pass
			25	21.59	0.54	22.13	<=30	Pass
			50	21.71	0.54	22.25	<=30	Pass
		100	0	21.55	0.54	22.09	<=30	Pass
			0	21.91	0.54	22.45	<=30	Pass
			50	21.92	0.54	22.46	<=30	Pass
	1745	1	99	21.70	0.54	22.24	<=30	Pass
			0	21.52	0.54	22.06	<=30	Pass
			25	21.46	0.54	22.00	<=30	Pass
		50	50	21.45	0.54	21.99	<=30	Pass
			0	21.51	0.54	22.05	<=30	Pass
			0	21.64	0.54	22.18	<=30	Pass
		100	50	21.90	0.54	22.44	<=30	Pass
			99	21.85	0.54	22.39	<=30	Pass
			0	21.44	0.54	21.98	<=30	Pass
16QAM	1720	1	25	21.42	0.54	21.96	<=30	Pass
			50	21.48	0.54	22.02	<=30	Pass
			0	21.47	0.54	22.01	<=30	Pass
		12	0	21.41	0.54	21.95	<=30	Pass
			50	21.60	0.54	22.14	<=30	Pass
			99	21.59	0.54	22.13	<=30	Pass
		27	0	21.40	0.54	21.94	<=30	Pass
			44	21.54	0.54	22.08	<=30	Pass
			88	21.53	0.54	22.07	<=30	Pass
	1745	1	0	20.36	0.54	20.90	<=30	Pass
			50	21.10	0.54	21.64	<=30	Pass
			99	21.15	0.54	21.69	<=30	Pass
		12	0	20.90	0.54	21.44	<=30	Pass
			0	21.39	0.54	21.93	<=30	Pass
			44	21.39	0.54	21.93	<=30	Pass
		27	88	21.19	0.54	21.73	<=30	Pass
			0	21.19	0.54	21.73	<=30	Pass
			0	20.40	0.54	20.94	<=30	Pass
	1770	1	0	20.95	0.54	21.49	<=30	Pass
			50	21.16	0.54	21.70	<=30	Pass
			99	21.14	0.54	21.68	<=30	Pass
		12	0	21.24	0.54	21.78	<=30	Pass
			44	21.41	0.54	21.95	<=30	Pass
			88	21.44	0.54	21.98	<=30	Pass
		27	73	21.44	0.54	21.98	<=30	Pass
			0	20.36	0.54	20.90	<=30	Pass
			0	20.36	0.54	20.90	<=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	-5.307	-0.0031	-2.5 to 2.5	Pass
					3.85	5.364	0.0031	-2.5 to 2.5	Pass
					4.43	-6.266	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-9.799	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.488	0.0009	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	3.018	0.0018	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	5.236	0.0030	-2.5 to 2.5	Pass
					3.85	3.319	0.0019	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	6.166	0.0035	-2.5 to 2.5	Pass
				-20	3.85	3.762	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				0	3.85	11.444	0.0066	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				40	3.85	10.400	0.0060	-2.5 to 2.5	Pass
				50	3.85	4.349	0.0025	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	11.373	0.0064	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				-20	3.85	10.386	0.0058	-2.5 to 2.5	Pass
				-10	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				10	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				40	3.85	5.908	0.0033	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	4.578	0.0027	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	10.085	0.0059	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.533	0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-9.785	-0.0057	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	11.830	0.0068	-2.5 to 2.5	Pass
					3.85	7.281	0.0042	-2.5 to 2.5	Pass
					4.43	13.890	0.0080	-2.5 to 2.5	Pass
				-30	3.85	11.687	0.0067	-2.5 to 2.5	Pass
				-20	3.85	8.683	0.0050	-2.5 to 2.5	Pass
				-10	3.85	3.819	0.0022	-2.5 to 2.5	Pass

				0	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				10	3.85	10.114	0.0058	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				40	3.85	10.686	0.0061	-2.5 to 2.5	Pass
				50	3.85	7.939	0.0045	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	7.925	0.0045	-2.5 to 2.5	Pass
					4.43	2.160	0.0012	-2.5 to 2.5	Pass
				-30	3.85	4.978	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	9.584	0.0054	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				10	3.85	10.042	0.0056	-2.5 to 2.5	Pass
				30	3.85	10.486	0.0059	-2.5 to 2.5	Pass
				40	3.85	10.400	0.0058	-2.5 to 2.5	Pass
				50	3.85	3.104	0.0017	-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	0.887	0.0005	-2.5 to 2.5	Pass
					3.85	-11.172	-0.0065	-2.5 to 2.5	Pass
					4.43	1.230	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-5.393	-0.0032	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.749	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.591	0.0021	-2.5 to 2.5	Pass
				-20	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				10	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				30	3.85	5.121	0.0029	-2.5 to 2.5	Pass
				40	3.85	3.862	0.0022	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	1.903	0.0011	-2.5 to 2.5	Pass
					3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
					4.43	6.552	0.0037	-2.5 to 2.5	Pass
				-30	3.85	11.001	0.0062	-2.5 to 2.5	Pass
				-20	3.85	12.102	0.0068	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				30	3.85	10.943	0.0062	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	4.749	0.0028	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0030	-2.5 to 2.5	Pass

				-30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	3.176	0.0019	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0032	-2.5 to 2.5	Pass
				50	3.85	10.114	0.0059	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	8.898	0.0051	-2.5 to 2.5	Pass
					3.85	5.293	0.0030	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				0	3.85	4.435	0.0025	-2.5 to 2.5	Pass
				10	3.85	14.491	0.0083	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				50	3.85	9.184	0.0053	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	3.004	0.0017	-2.5 to 2.5	Pass
					3.85	5.722	0.0032	-2.5 to 2.5	Pass
					4.43	12.946	0.0073	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	10.557	0.0059	-2.5 to 2.5	Pass
				-10	3.85	6.509	0.0037	-2.5 to 2.5	Pass
				0	3.85	6.795	0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				30	3.85	4.506	0.0025	-2.5 to 2.5	Pass
				40	3.85	7.195	0.0040	-2.5 to 2.5	Pass
				50	3.85	4.606	0.0026	-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	-1.917	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				-10	3.85	4.249	0.0025	-2.5 to 2.5	Pass
				0	3.85	5.422	0.0032	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				30	3.85	3.891	0.0023	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
				50	3.85	2.718	0.0016	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	6.695	0.0038	-2.5 to 2.5	Pass
					3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
					4.43	6.251	0.0036	-2.5 to 2.5	Pass
				-30	3.85	8.826	0.0051	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-10	3.85	6.037	0.0035	-2.5 to 2.5	Pass
				0	3.85	5.136	0.0029	-2.5 to 2.5	Pass
				10	3.85	3.505	0.0020	-2.5 to 2.5	Pass
				30	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	1.702	0.0010	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	2.418	0.0014	-2.5 to 2.5	Pass
					3.85	10.729	0.0060	-2.5 to 2.5	Pass
					4.43	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	4.220	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	6.981	0.0039	-2.5 to 2.5	Pass
				0	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				10	3.85	8.140	0.0046	-2.5 to 2.5	Pass
				30	3.85	11.787	0.0066	-2.5 to 2.5	Pass
				40	3.85	3.963	0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-2.818	-0.0016	-2.5 to 2.5	Pass
					3.85	4.549	0.0027	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	5.450	0.0032	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.802	0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.85	0.072	0.0000	-2.5 to 2.5	Pass
					4.43	5.536	0.0032	-2.5 to 2.5	Pass
				-30	3.85	3.762	0.0022	-2.5 to 2.5	Pass
				-20	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				50	3.85	7.825	0.0045	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	0.443	0.0002	-2.5 to 2.5	Pass
					3.85	6.552	0.0037	-2.5 to 2.5	Pass
					4.43	8.183	0.0046	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				10	3.85	7.539	0.0042	-2.5 to 2.5	Pass
				30	3.85	3.791	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	4.320	0.0024	-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	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.944	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.791	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				10	3.85	0.644	0.0004	-2.5 to 2.5	Pass

				30	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.189	0.0013	-2.5 to 2.5	Pass
				50	3.85	4.077	0.0024	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	0.257	0.0001	-2.5 to 2.5	Pass
					3.85	3.262	0.0019	-2.5 to 2.5	Pass
					4.43	2.832	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	4.735	0.0027	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				10	3.85	4.721	0.0027	-2.5 to 2.5	Pass
				30	3.85	5.665	0.0032	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0009	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	3.362	0.0019	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
					4.43	3.676	0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				30	3.85	3.147	0.0018	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-1.488	-0.0009	-2.5 to 2.5	Pass
					3.85	1.016	0.0006	-2.5 to 2.5	Pass
					4.43	3.405	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				-20	3.85	7.639	0.0045	-2.5 to 2.5	Pass
				-10	3.85	8.168	0.0048	-2.5 to 2.5	Pass
				0	3.85	7.181	0.0042	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0026	-2.5 to 2.5	Pass
				50	3.85	2.961	0.0017	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	8.097	0.0046	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	8.197	0.0047	-2.5 to 2.5	Pass
				0	3.85	6.366	0.0036	-2.5 to 2.5	Pass
				10	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0025	-2.5 to 2.5	Pass
				50	3.85	3.734	0.0021	-2.5 to 2.5	Pass
	1775	27	23	20	3.27	-6.509	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
					4.43	4.992	0.0028	-2.5 to 2.5	Pass
				-30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-20	3.85	2.675	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				0	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				10	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				30	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				40	3.85	4.807	0.0027	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-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	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	1.559	0.0009	-2.5 to 2.5	Pass
					4.43	3.018	0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				-10	3.85	3.390	0.0020	-2.5 to 2.5	Pass
				0	3.85	4.077	0.0024	-2.5 to 2.5	Pass
				10	3.85	5.121	0.0030	-2.5 to 2.5	Pass
				30	3.85	5.722	0.0033	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0009	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	2.346	0.0013	-2.5 to 2.5	Pass
					3.85	1.574	0.0009	-2.5 to 2.5	Pass
					4.43	2.074	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-20	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.689	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0009	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.631	0.0009	-2.5 to 2.5	Pass
					3.85	2.518	0.0014	-2.5 to 2.5	Pass
					4.43	1.645	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.648	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				40	3.85	2.375	0.0013	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	1.245	0.0007	-2.5 to 2.5	Pass
					3.85	4.320	0.0025	-2.5 to 2.5	Pass
					4.43	3.133	0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				-20	3.85	3.419	0.0020	-2.5 to 2.5	Pass
				-10	3.85	5.264	0.0031	-2.5 to 2.5	Pass
				0	3.85	3.533	0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.601	0.0003	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	3.619	0.0021	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	3.576	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				10	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				30	3.85	4.377	0.0025	-2.5 to 2.5	Pass
				40	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass

	1772.5	27	48	20	3.27	-2.303	-0.0013	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	3.419	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.520	0.0026	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.472	0.0003	-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	-2.360	-0.0014	-2.5 to 2.5	Pass
					3.85	2.704	0.0016	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	2.418	0.0014	-2.5 to 2.5	Pass
					3.85	1.173	0.0007	-2.5 to 2.5	Pass
					4.43	5.050	0.0029	-2.5 to 2.5	Pass
				-30	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				-20	3.85	6.237	0.0036	-2.5 to 2.5	Pass
				-10	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				50	3.85	1.659	0.0010	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-2.174	-0.0012	-2.5 to 2.5	Pass
					3.85	0.072	0.0000	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.705	0.0021	-2.5 to 2.5	Pass
				50	3.85	1.674	0.0009	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	3.033	0.0018	-2.5 to 2.5	Pass
					3.85	2.317	0.0013	-2.5 to 2.5	Pass
					4.43	5.007	0.0029	-2.5 to 2.5	Pass
				-30	3.85	4.935	0.0029	-2.5 to 2.5	Pass
				-20	3.85	5.937	0.0035	-2.5 to 2.5	Pass
				-10	3.85	4.692	0.0027	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass

				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	0.458	0.0003	-2.5 to 2.5	Pass
					3.85	0.930	0.0005	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				40	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				50	3.85	2.861	0.0016	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	-4.363	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	3.147	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	0.272	0.0002	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

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

3.1.2 B66_3MHz

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

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

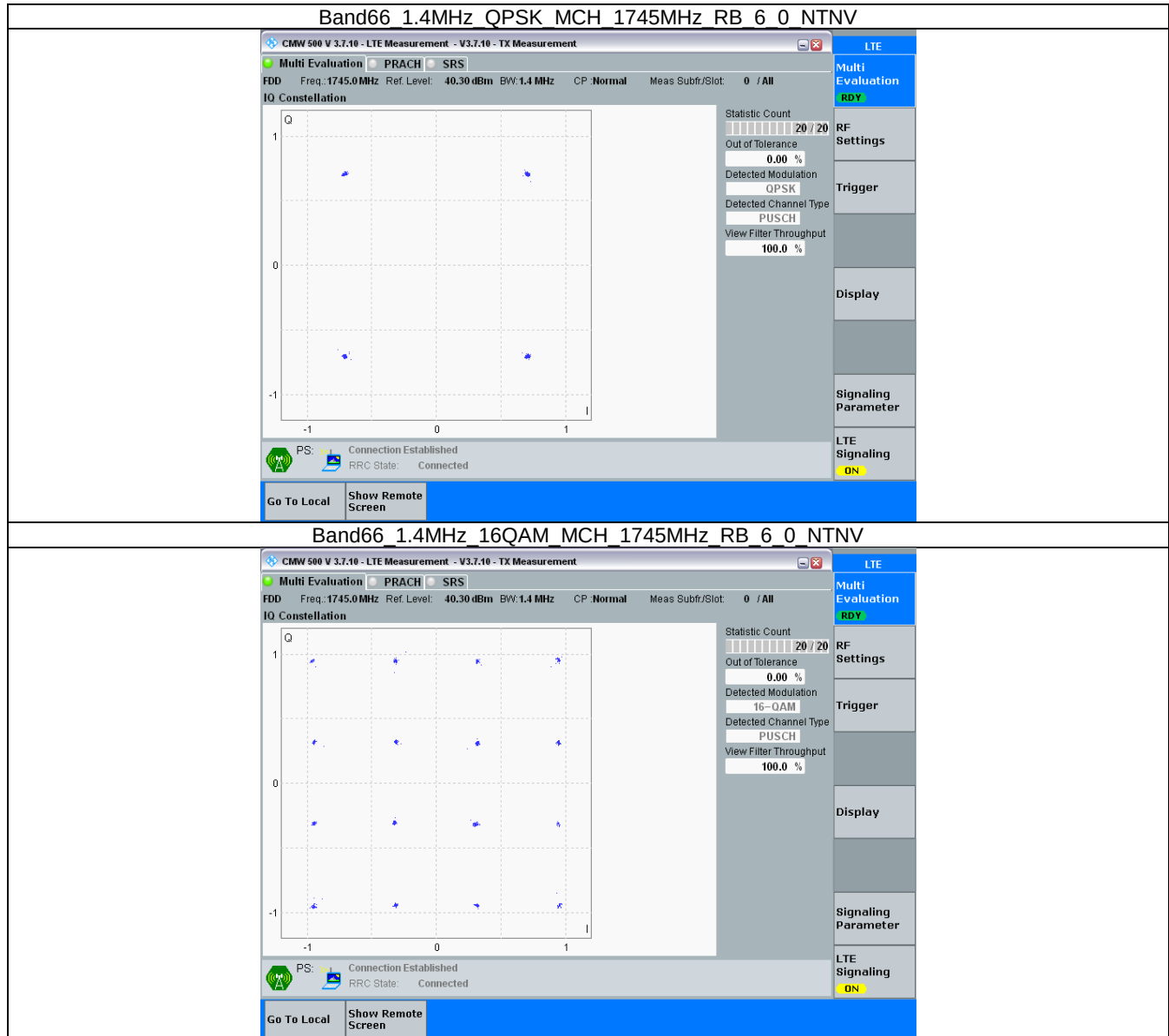
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

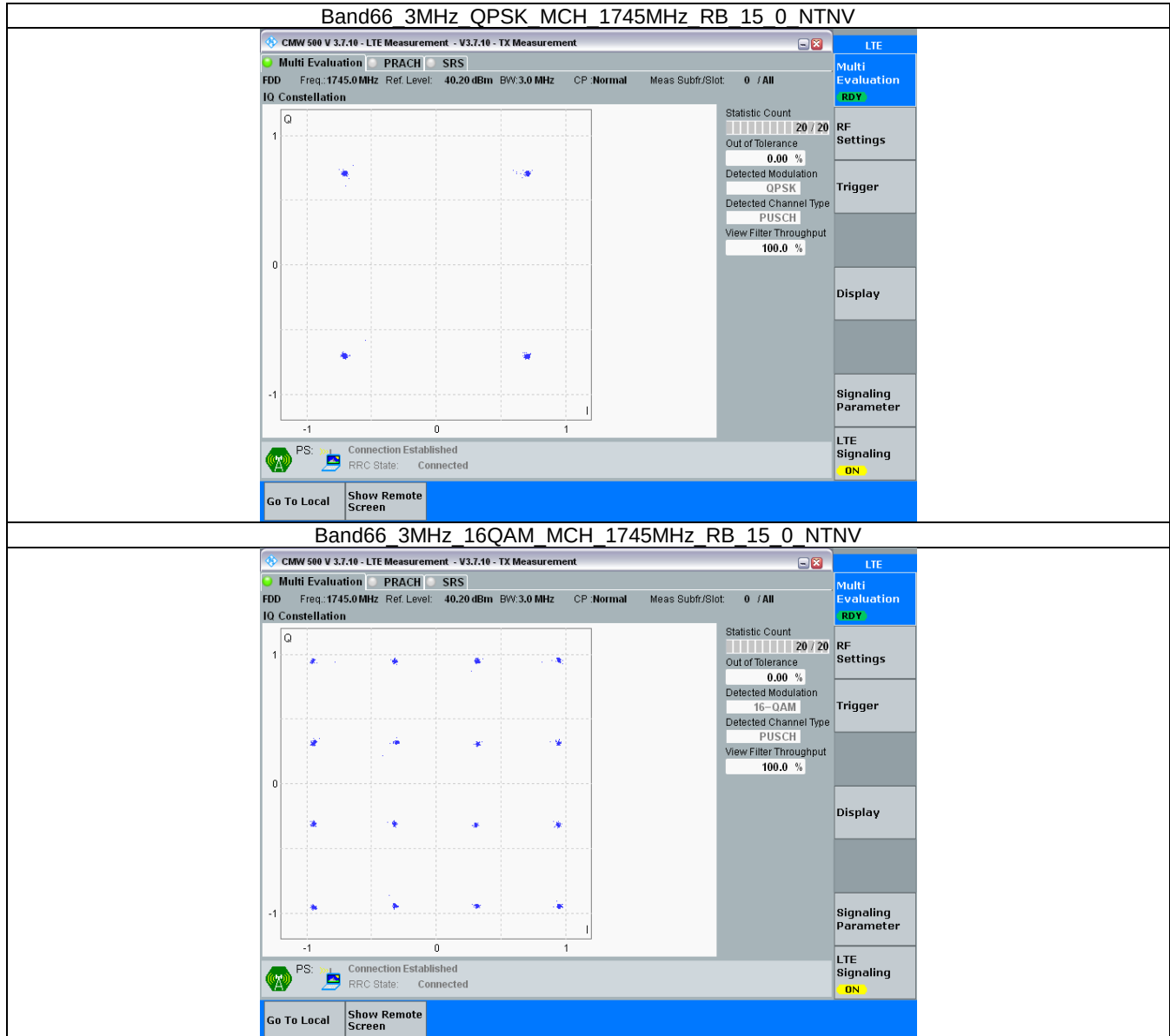
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

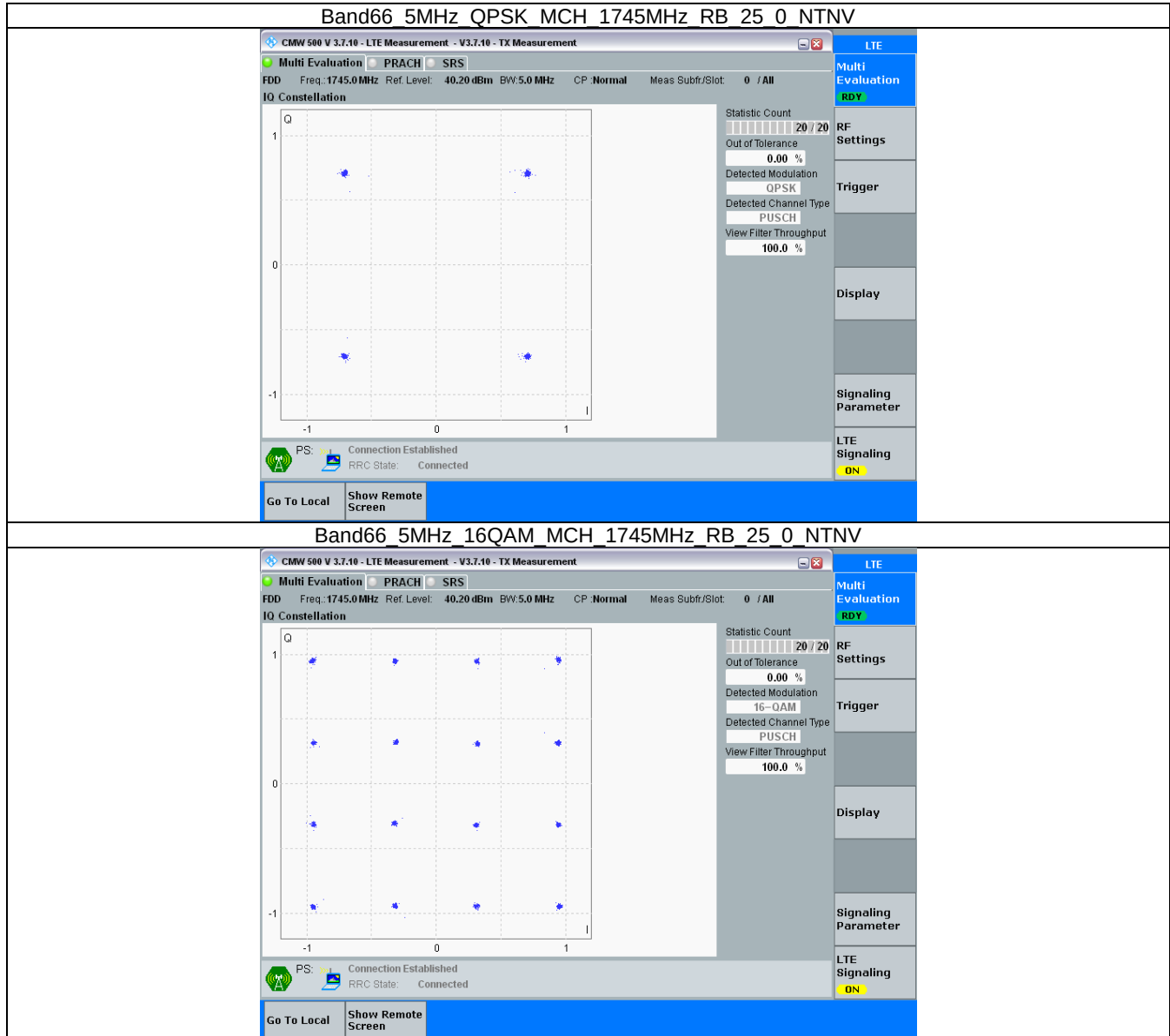
3.2.1 B66_1.4MHz



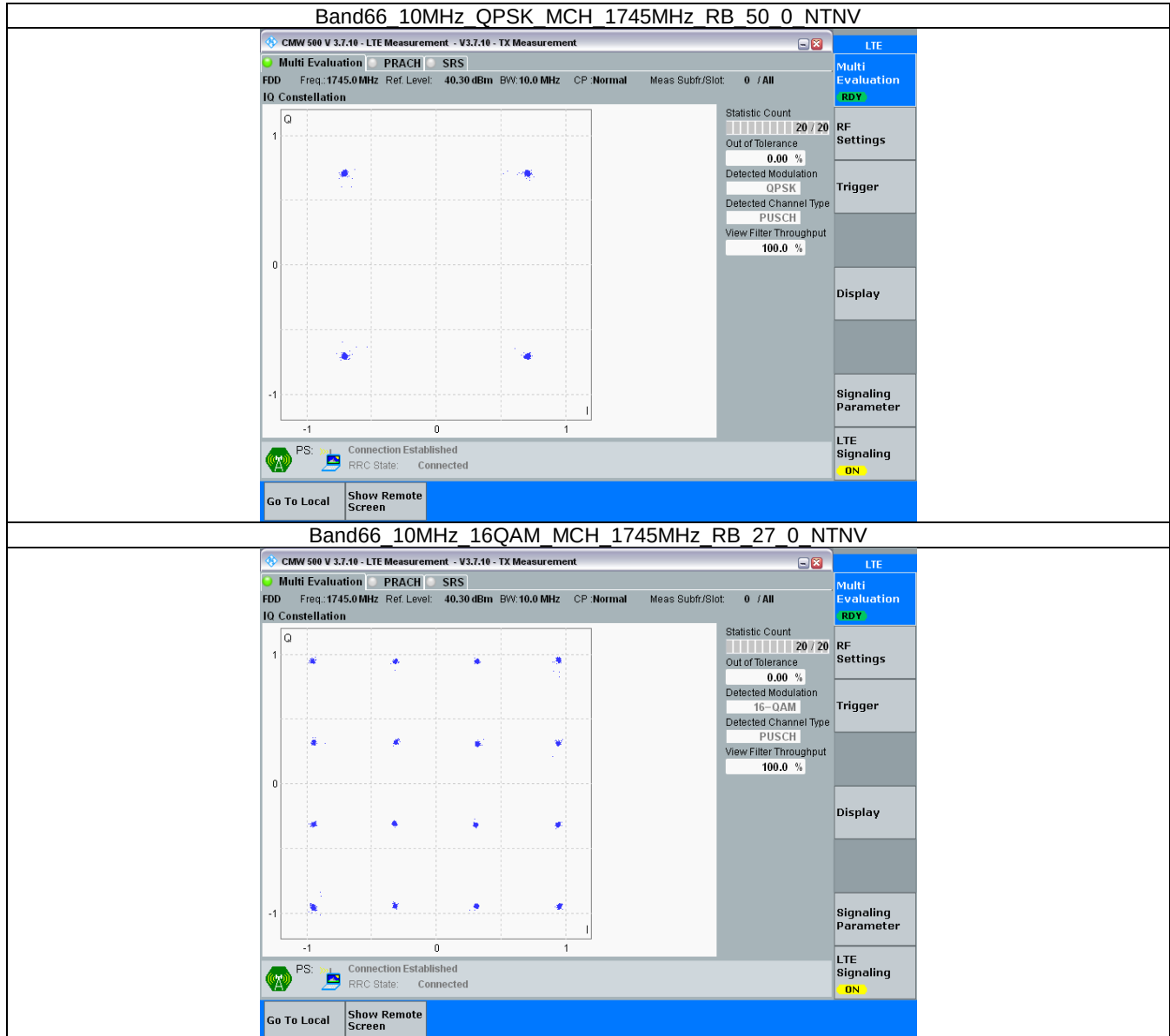
3.2.2 B66_3MHz



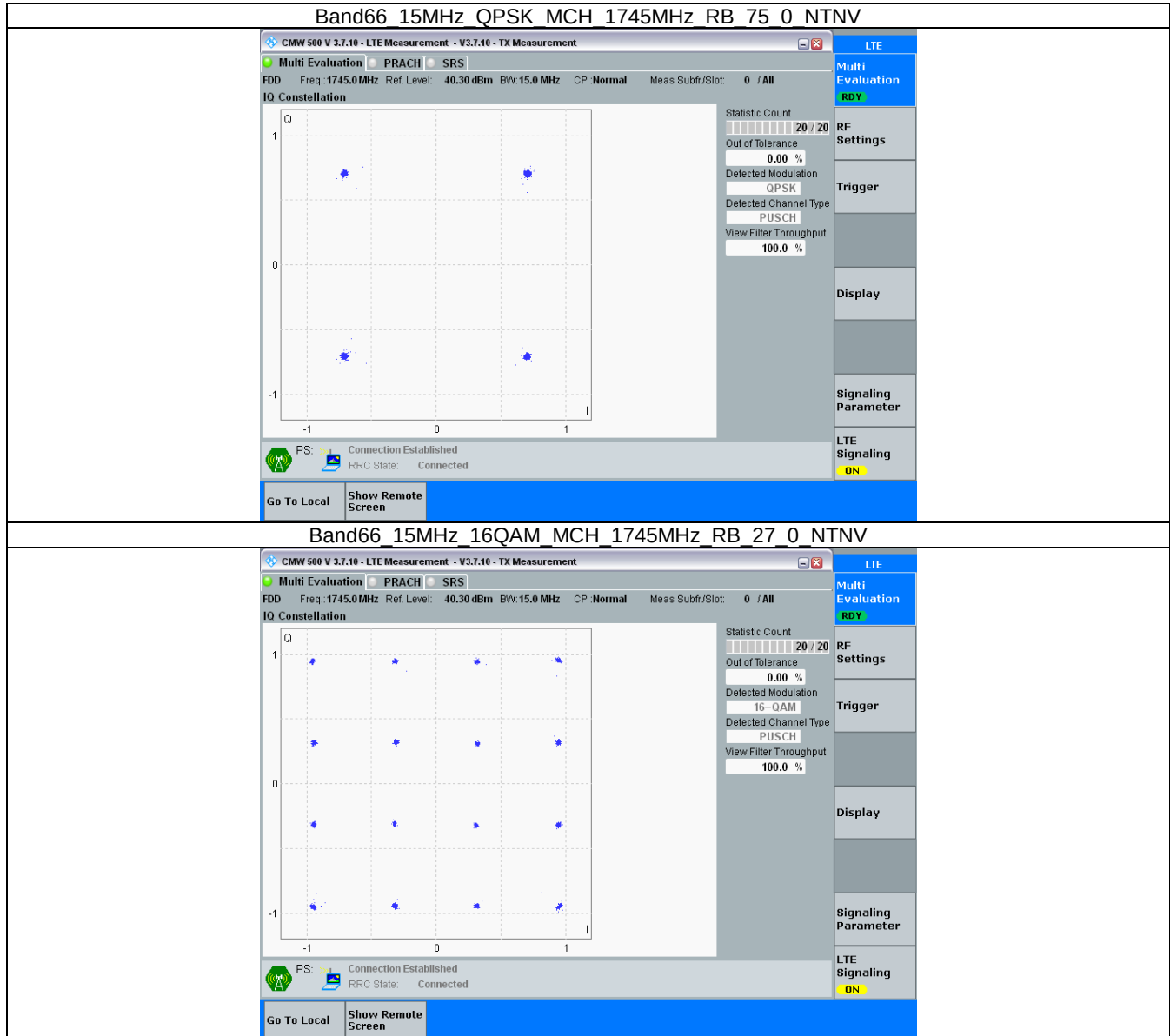
3.2.3 B66_5MHz



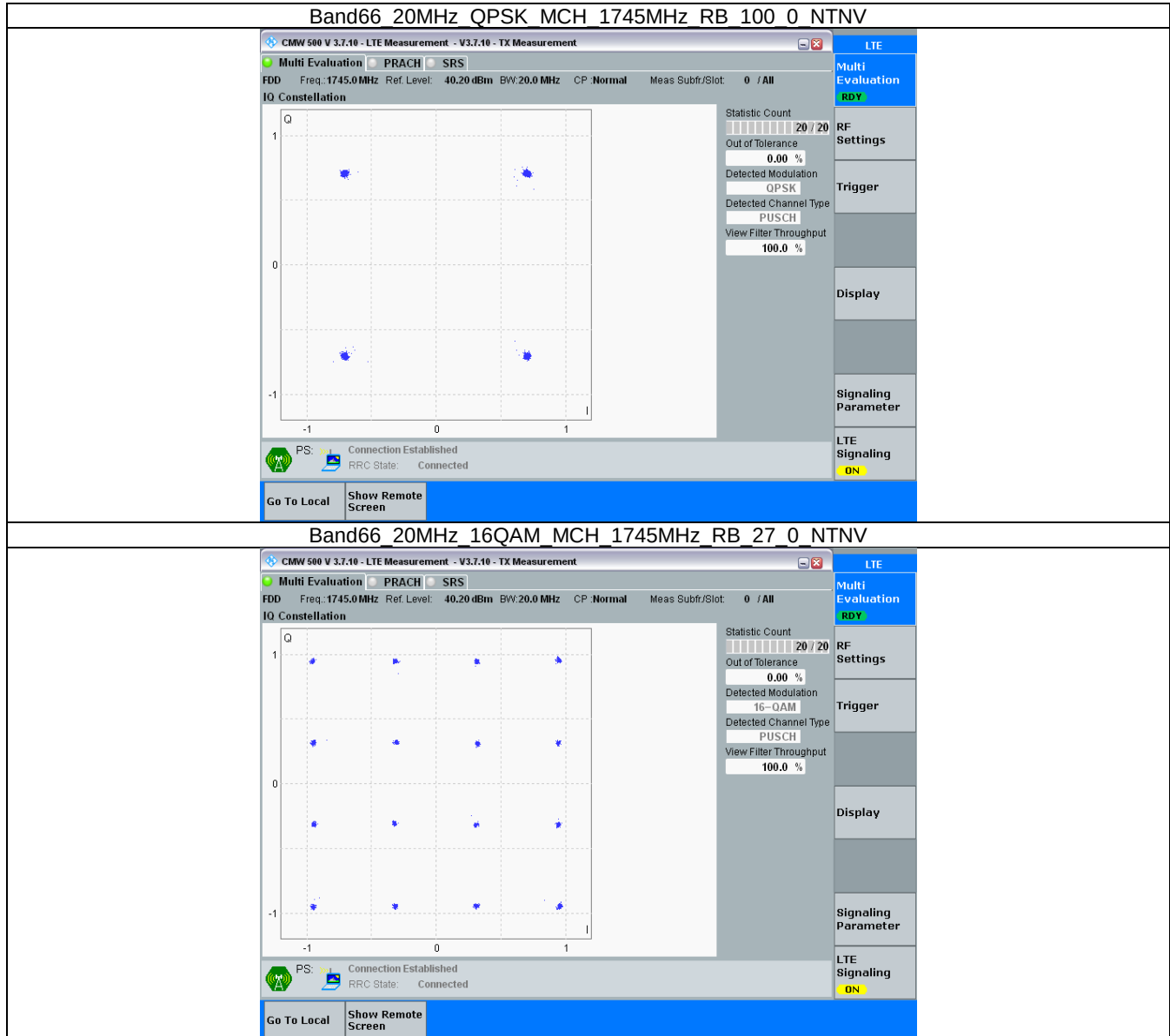
3.2.4 B66_10MHz



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	1.085	/	Pass
		1745	6	0	1.087	/	Pass
		1779.3	6	0	1.085	/	Pass
	16QAM	1710.7	6	0	1.090	/	Pass
		1745	6	0	1.089	/	Pass
		1779.3	6	0	1.088	/	Pass
3	QPSK	1711.5	15	0	2.684	/	Pass
		1745	15	0	2.687	/	Pass
		1778.5	15	0	2.684	/	Pass
	16QAM	1711.5	15	0	2.682	/	Pass
		1745	15	0	2.682	/	Pass
		1778.5	15	0	2.682	/	Pass
5	QPSK	1712.5	25	0	4.514	/	Pass
		1745	25	0	4.515	/	Pass
		1777.5	25	0	4.507	/	Pass
	16QAM	1712.5	25	0	4.515	/	Pass
		1745	25	0	4.531	/	Pass
		1777.5	25	0	4.497	/	Pass
10	QPSK	1715	50	0	8.960	/	Pass
		1745	50	0	8.962	/	Pass
		1775	50	0	8.968	/	Pass
	16QAM	1715	27	0	4.909	/	Pass
		1745	27	0	4.886	/	Pass
		1775	27	23	4.899	/	Pass
15	QPSK	1717.5	75	0	13.446	/	Pass
		1745	75	0	13.448	/	Pass
		1772.5	75	0	13.506	/	Pass
	16QAM	1717.5	27	0	4.908	/	Pass
		1745	27	0	4.916	/	Pass
		1772.5	27	48	4.907	/	Pass
20	QPSK	1720	100	0	17.886	/	Pass
		1745	100	0	17.914	/	Pass
		1770	100	0	17.913	/	Pass
	16QAM	1720	27	0	4.899	/	Pass
		1745	27	0	4.910	/	Pass
		1770	27	73	4.923	/	Pass

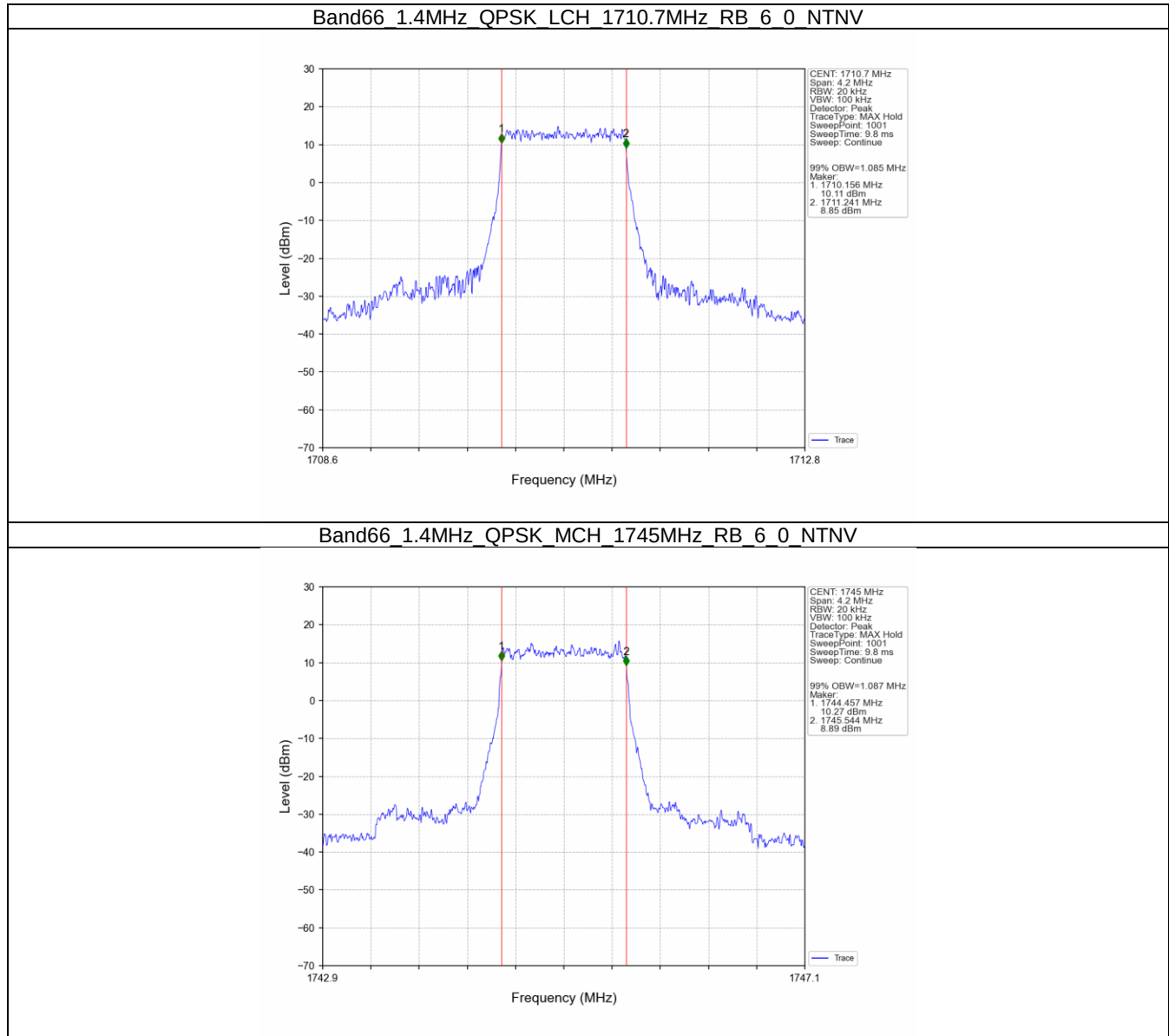
4.1.2 Band66_XDB

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	1.260	/	Pass
		1745	6	0	1.242	/	Pass
		1779.3	6	0	1.273	/	Pass
	16QAM	1710.7	6	0	1.293	/	Pass
		1745	6	0	1.282	/	Pass
		1779.3	6	0	1.243	/	Pass
3	QPSK	1711.5	15	0	2.884	/	Pass

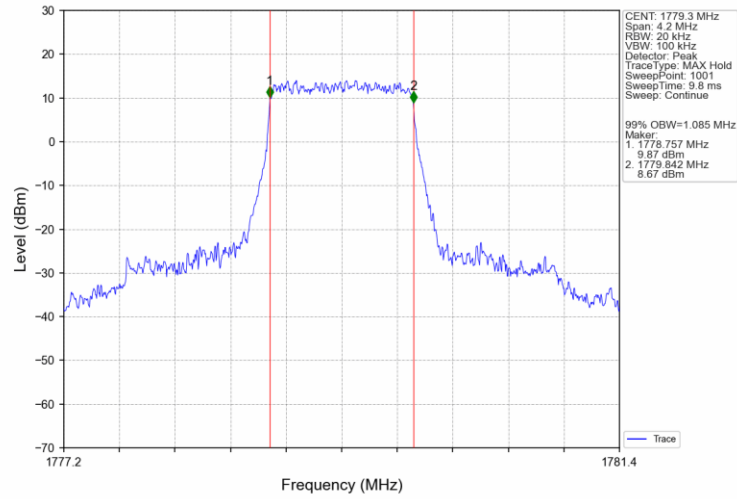
	16QAM	1745	15	0	2.873	/	Pass
		1778.5	15	0	2.871	/	Pass
		1711.5	15	0	2.895	/	Pass
		1745	15	0	2.889	/	Pass
		1778.5	15	0	2.894	/	Pass
5	QPSK	1712.5	25	0	4.994	/	Pass
		1745	25	0	4.983	/	Pass
		1777.5	25	0	4.958	/	Pass
	16QAM	1712.5	25	0	4.999	/	Pass
		1745	25	0	4.986	/	Pass
		1777.5	25	0	4.998	/	Pass
10	QPSK	1715	50	0	9.617	/	Pass
		1745	50	0	9.536	/	Pass
		1775	50	0	9.661	/	Pass
	16QAM	1715	27	0	5.696	/	Pass
		1745	27	0	5.630	/	Pass
		1775	27	23	5.702	/	Pass
15	QPSK	1717.5	75	0	14.465	/	Pass
		1745	75	0	14.539	/	Pass
		1772.5	75	0	14.543	/	Pass
	16QAM	1717.5	27	0	5.996	/	Pass
		1745	27	0	5.928	/	Pass
		1772.5	27	48	5.777	/	Pass
20	QPSK	1720	100	0	18.954	/	Pass
		1745	100	0	19.080	/	Pass
		1770	100	0	18.895	/	Pass
	16QAM	1720	27	0	5.902	/	Pass
		1745	27	0	5.895	/	Pass
		1770	27	73	5.896	/	Pass

4.2 Test Graph

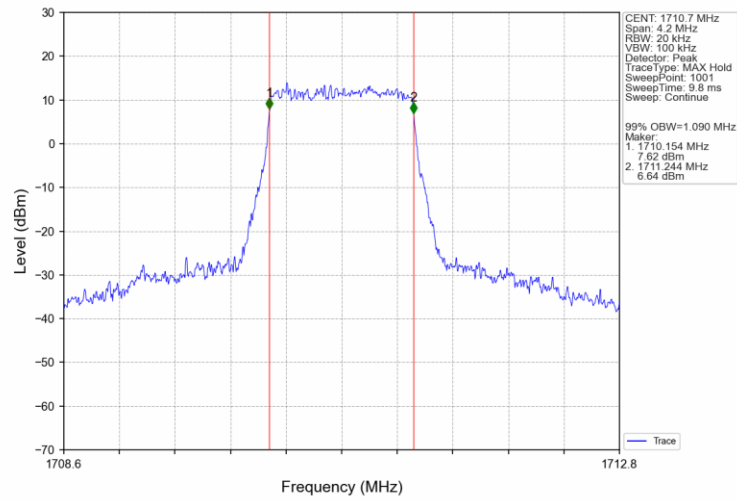
4.2.1 Band66_OBW



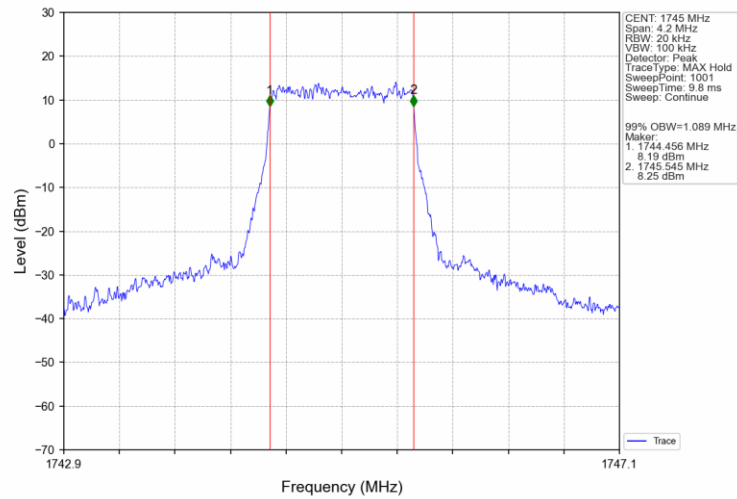
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



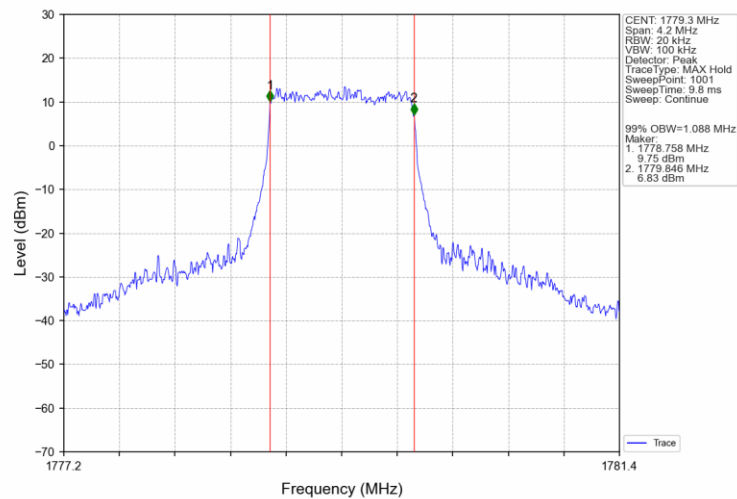
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



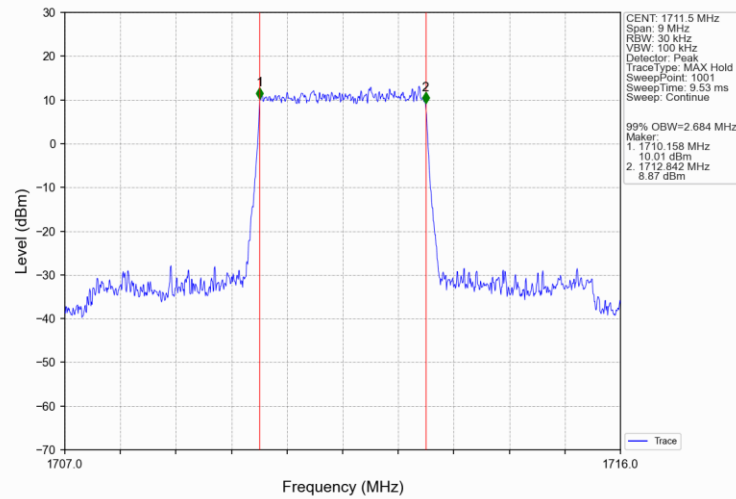
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



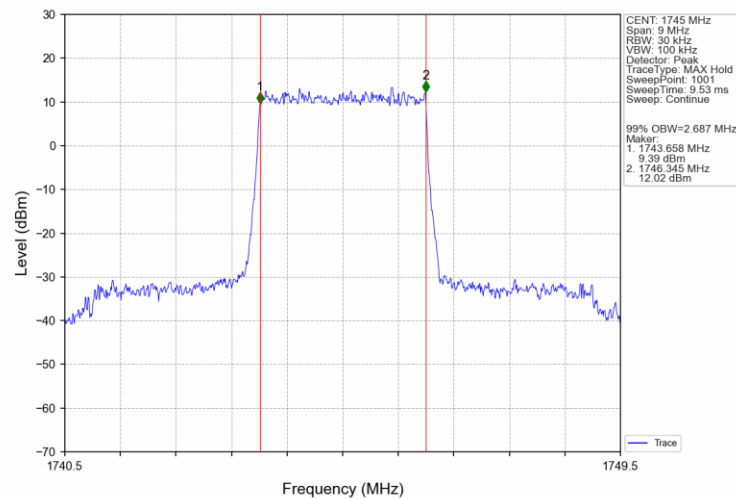
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



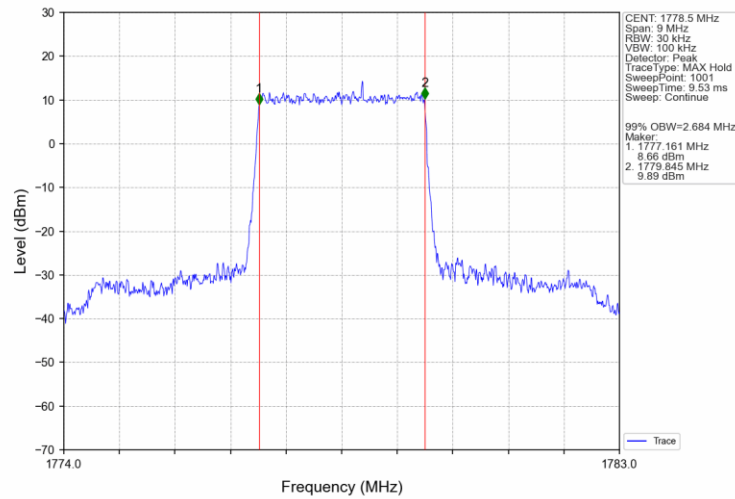
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



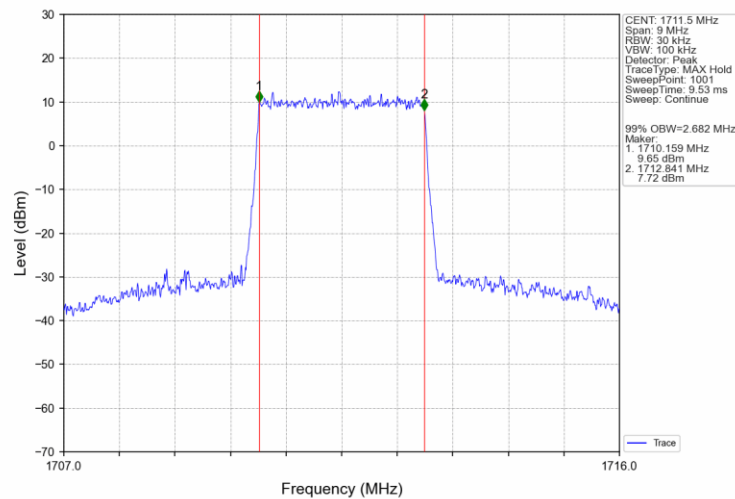
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



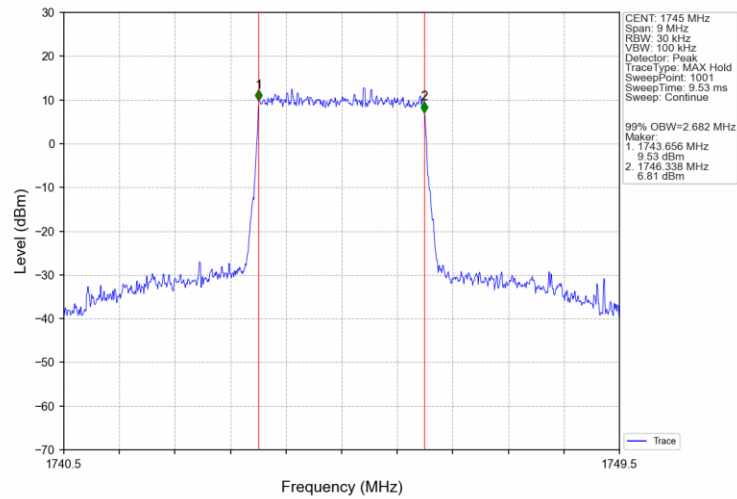
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



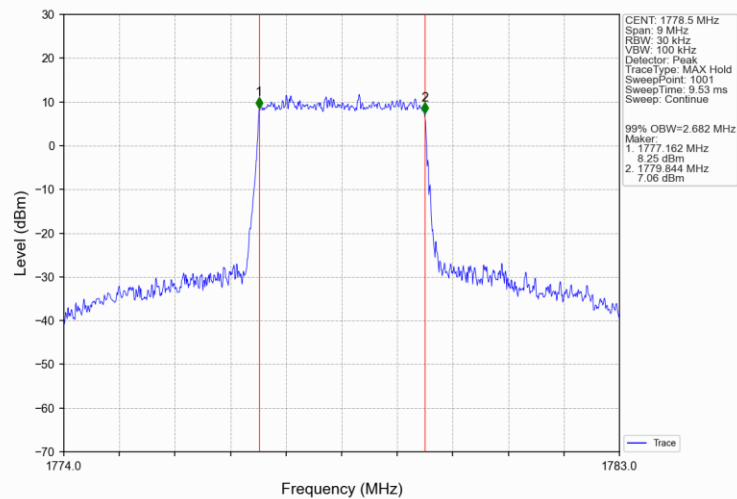
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



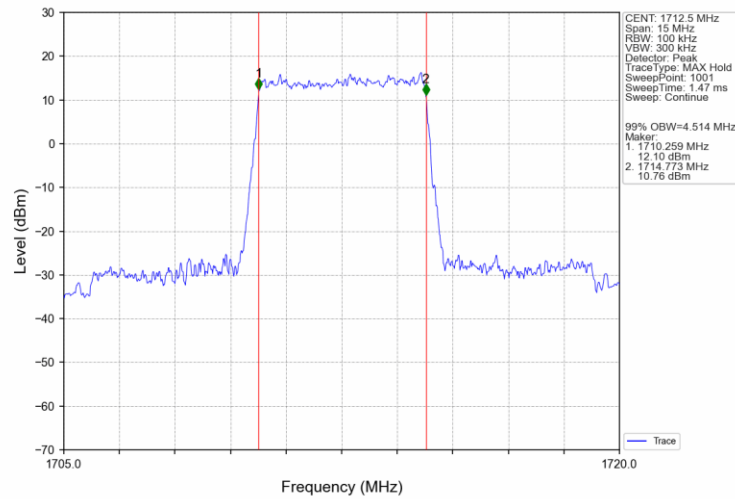
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



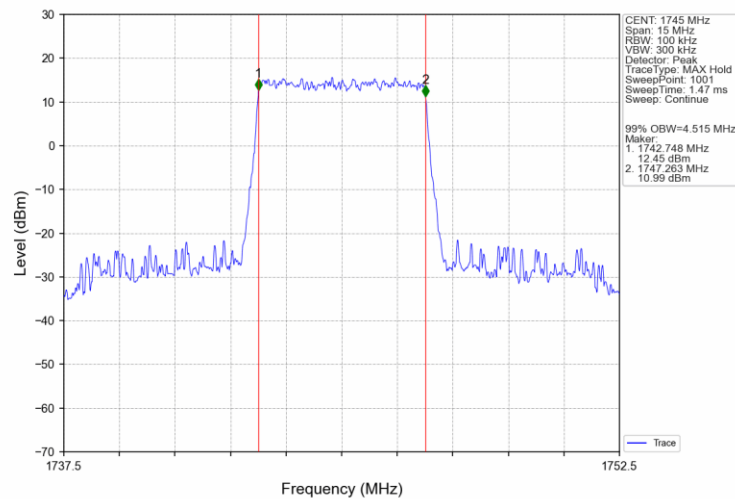
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



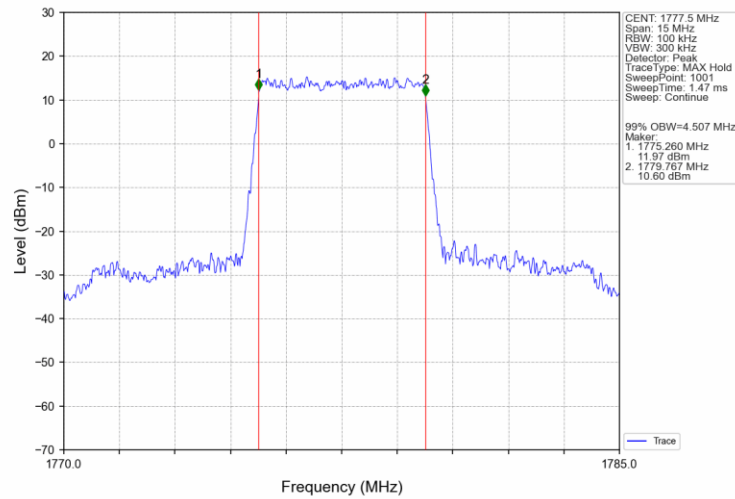
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



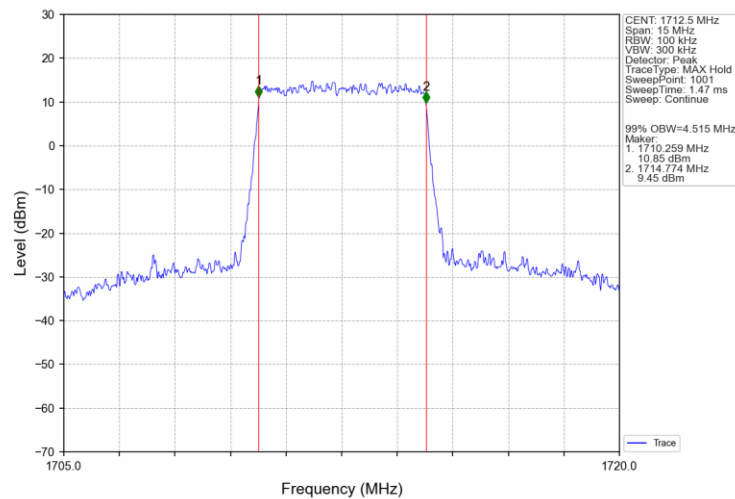
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



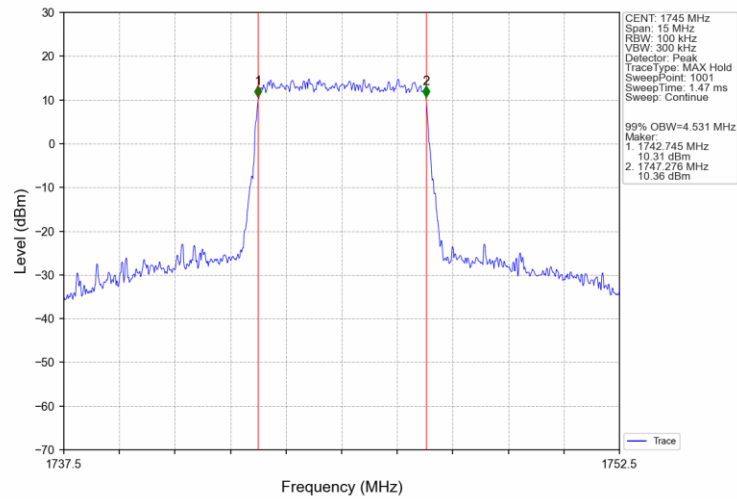
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



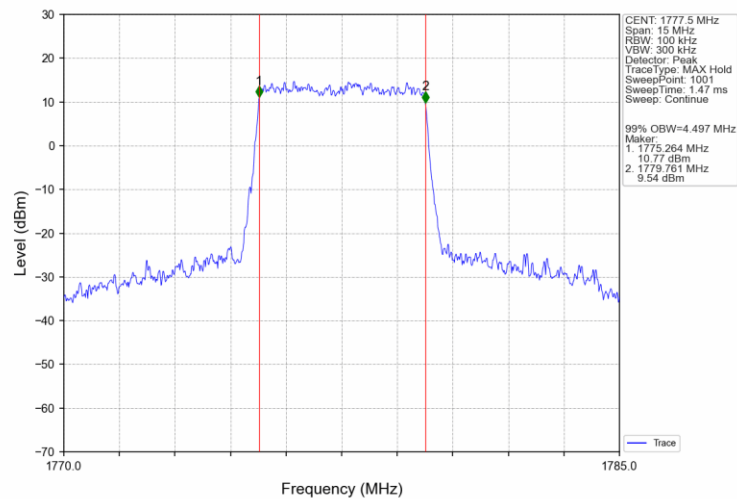
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



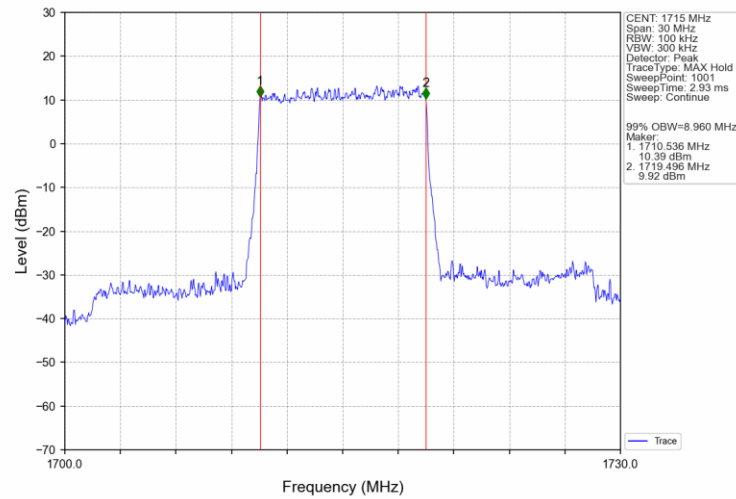
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



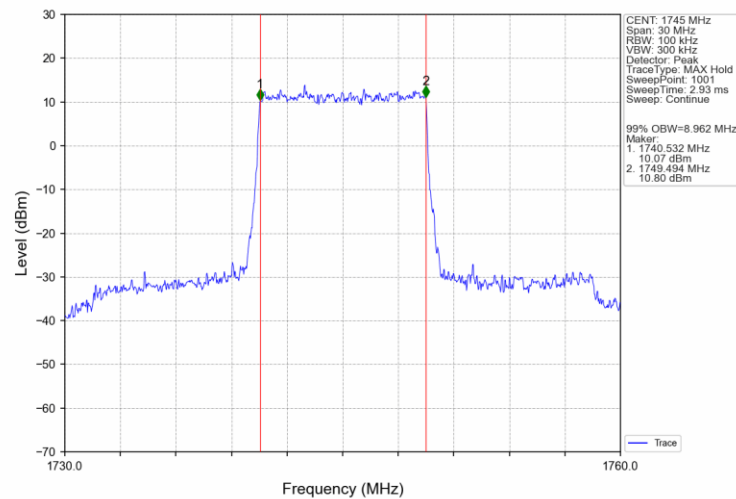
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



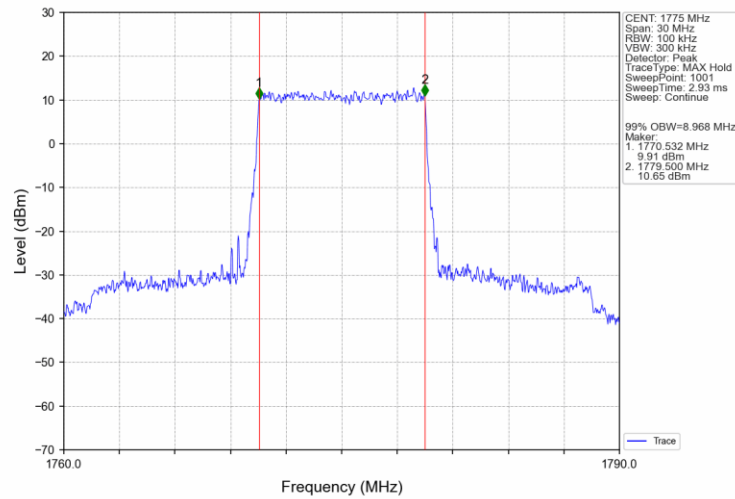
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



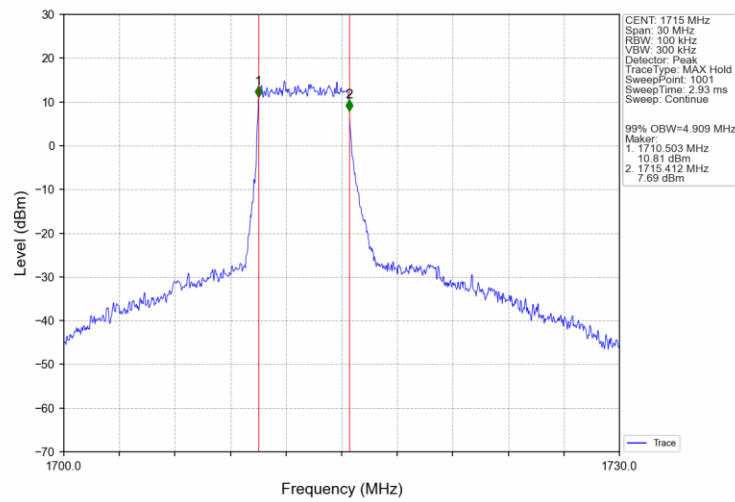
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



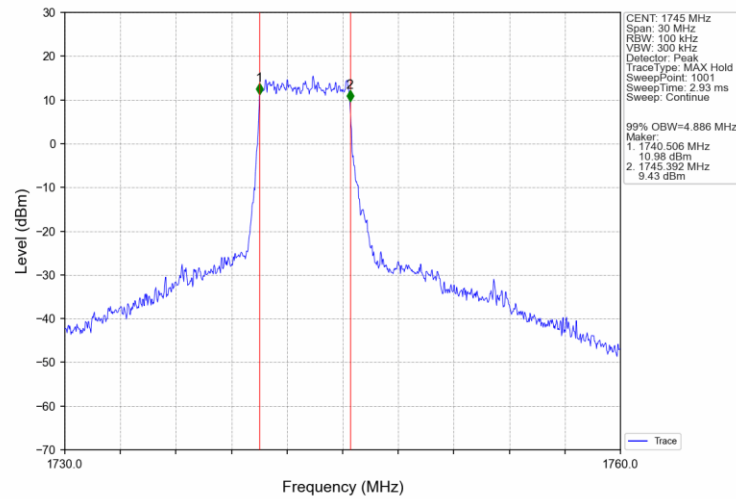
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



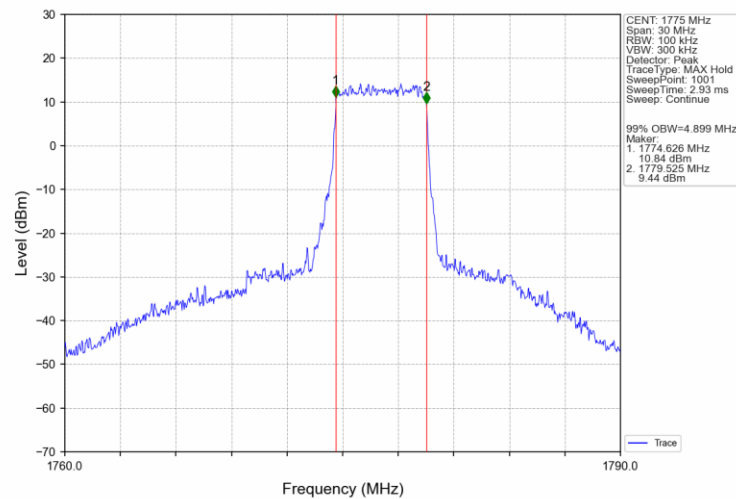
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



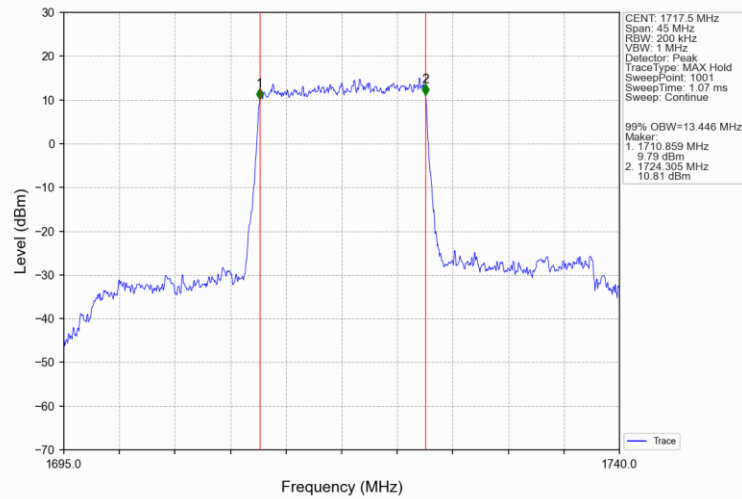
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN



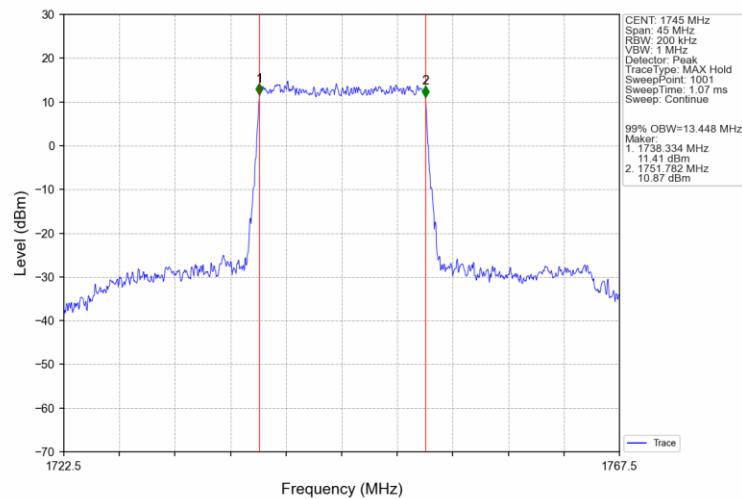
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTN



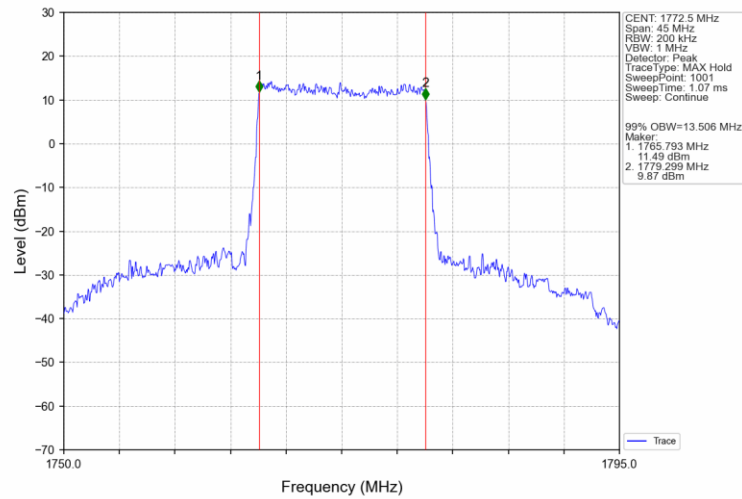
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



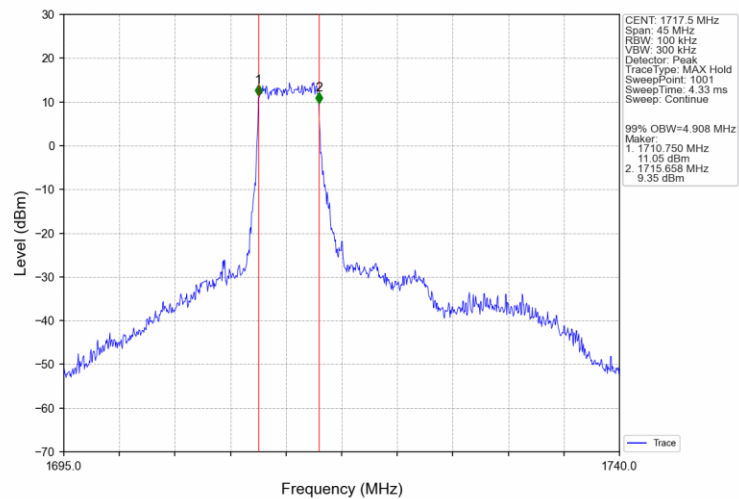
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



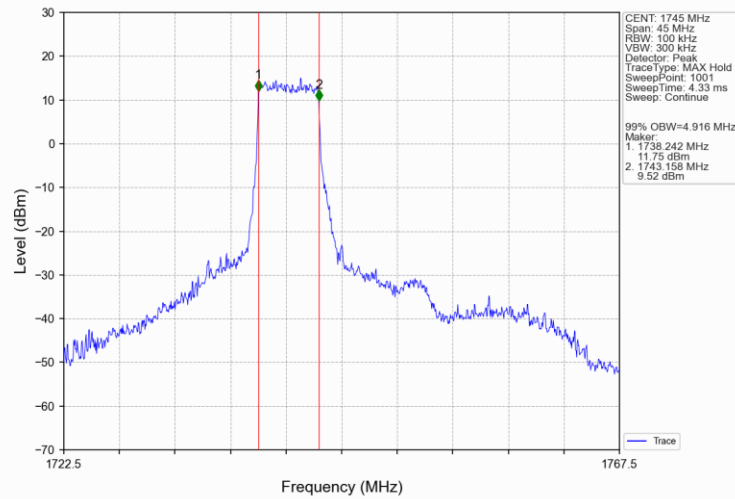
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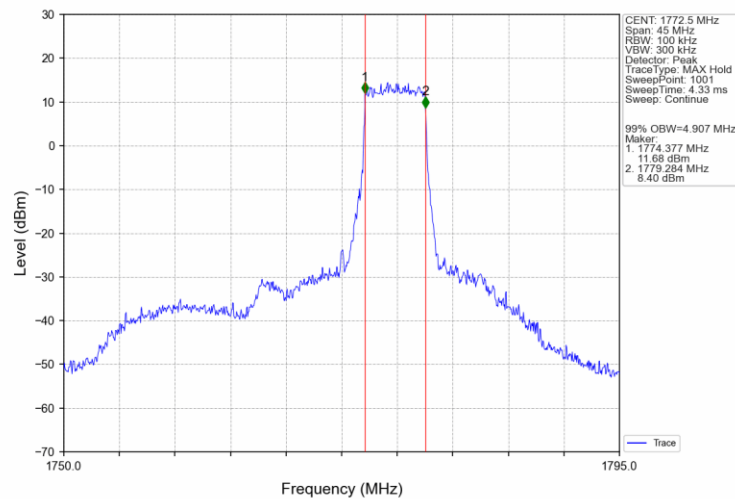
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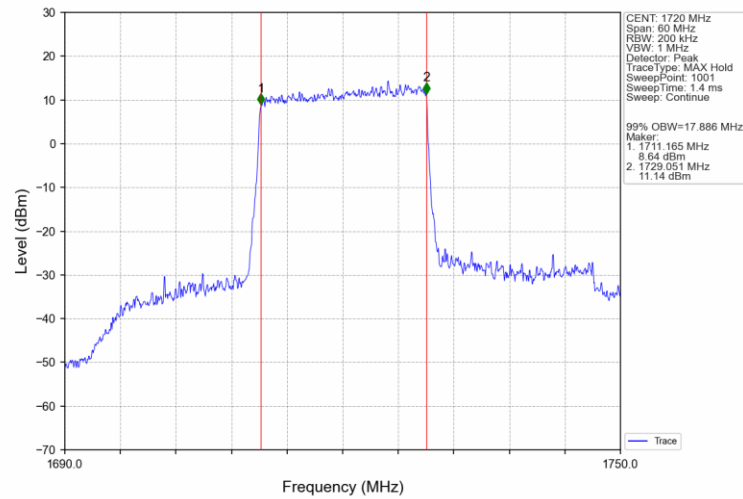
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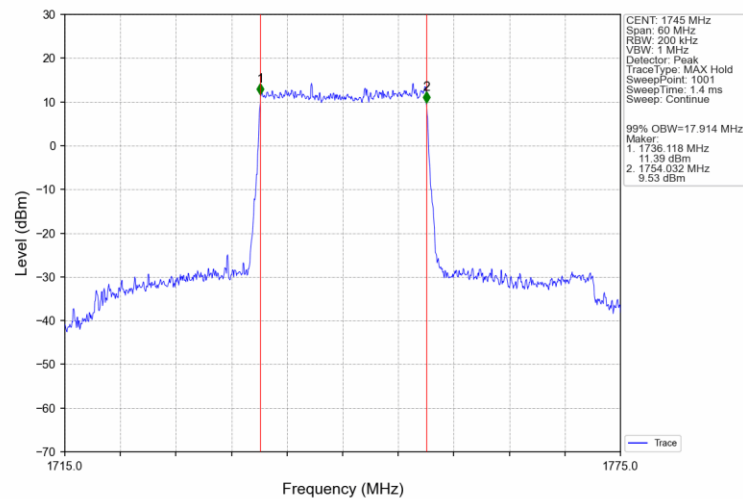
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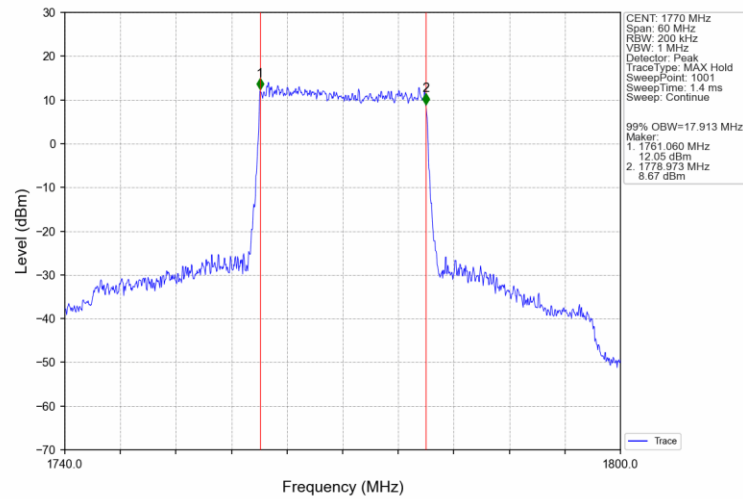
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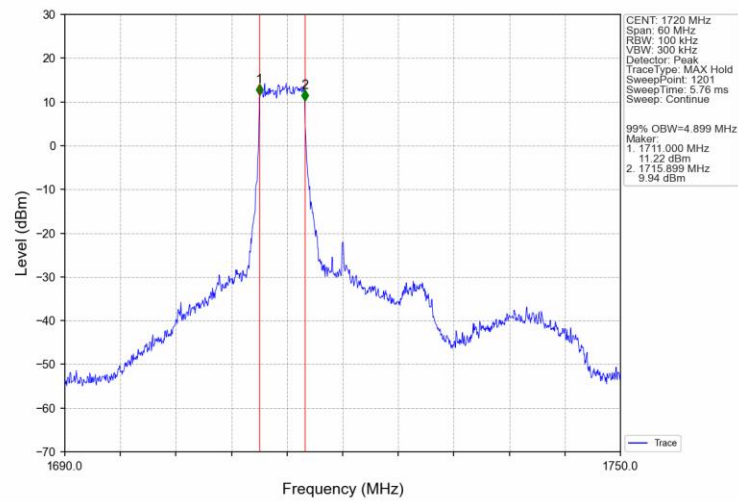
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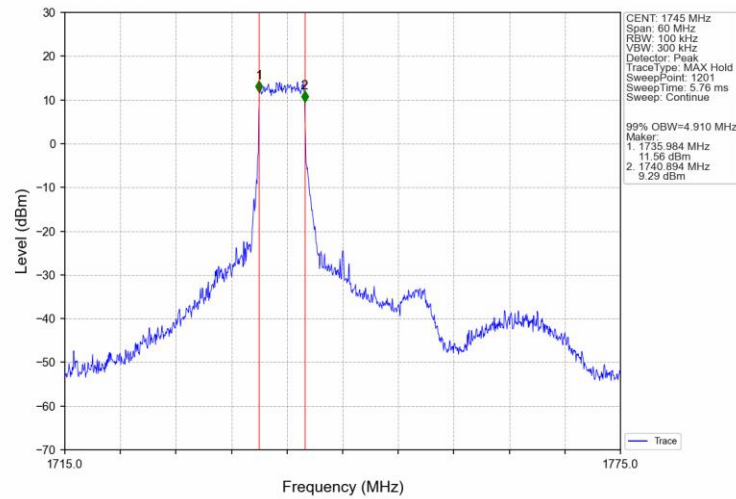
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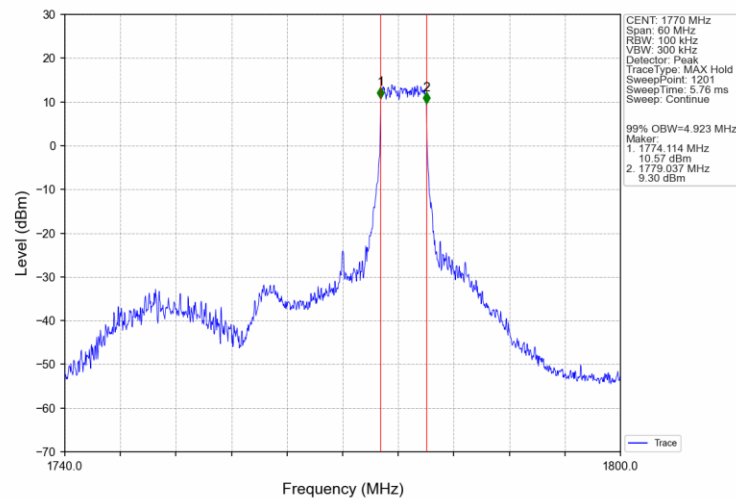
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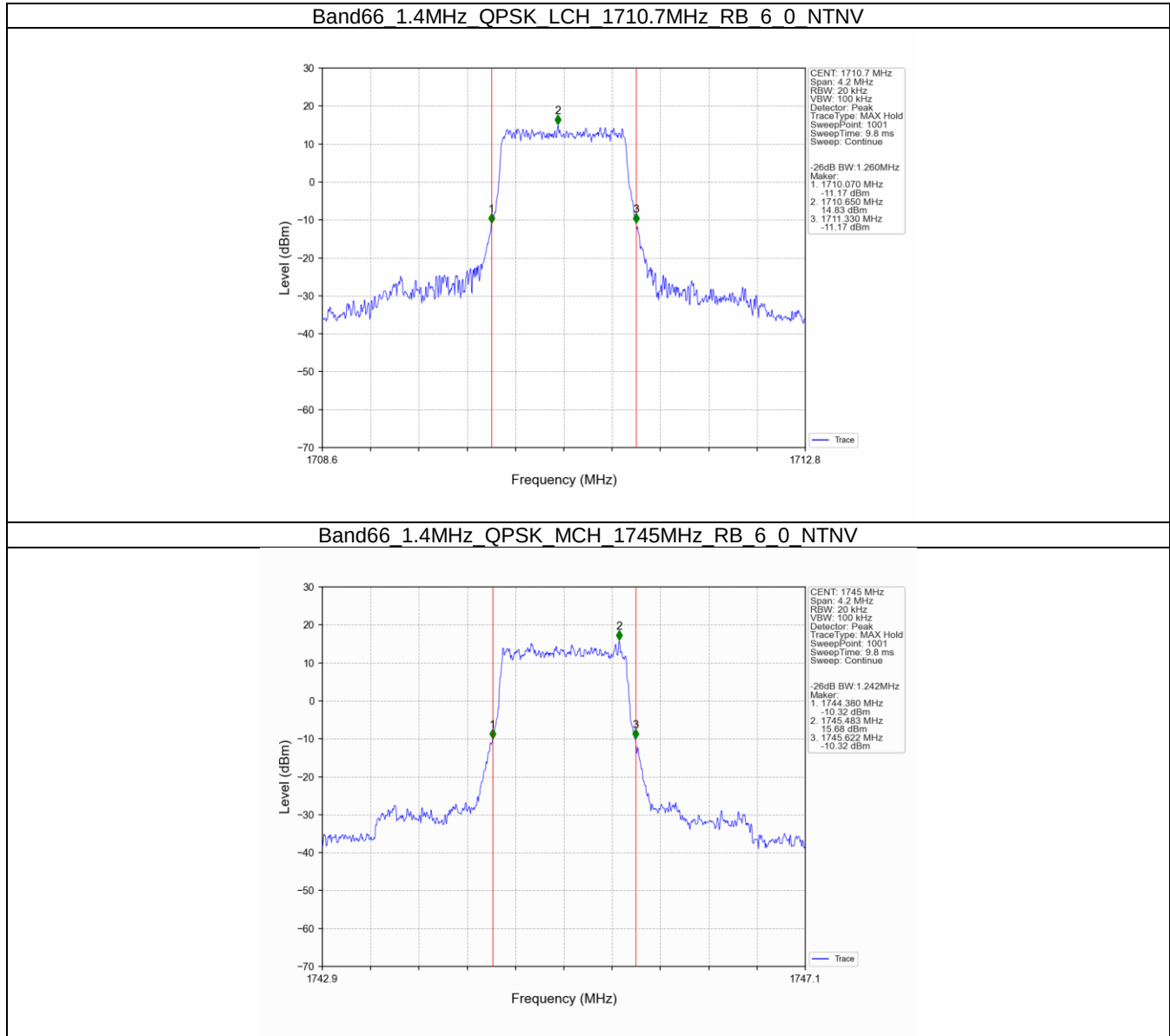
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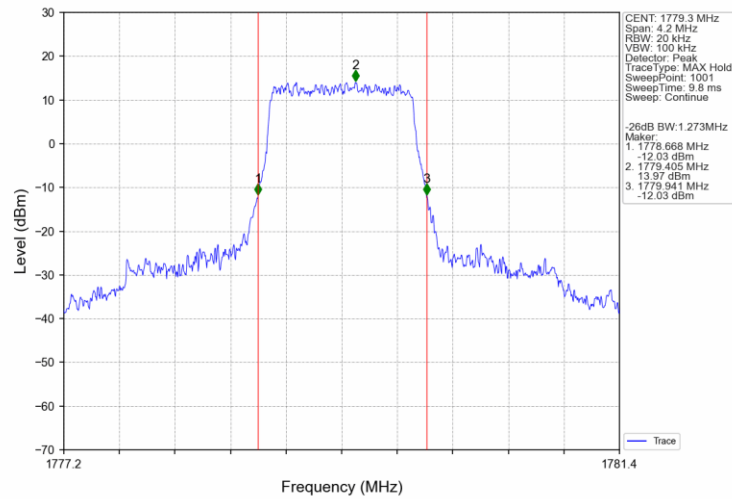
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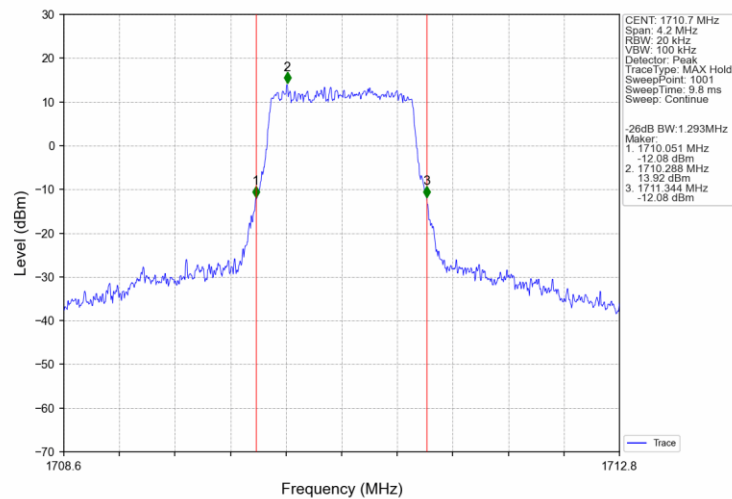
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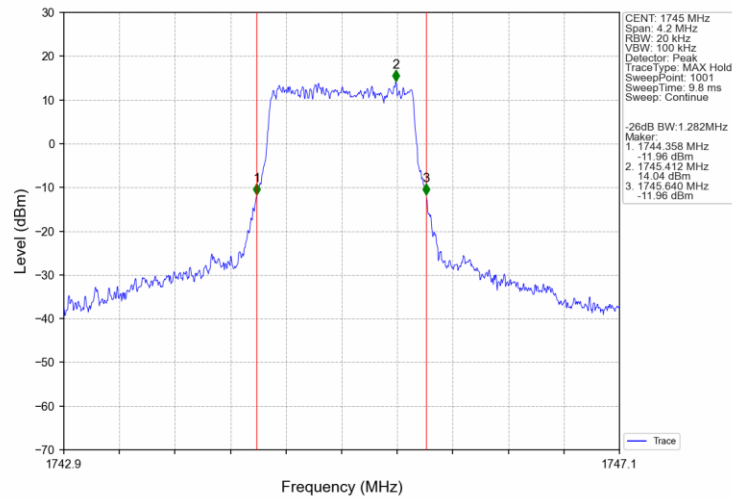
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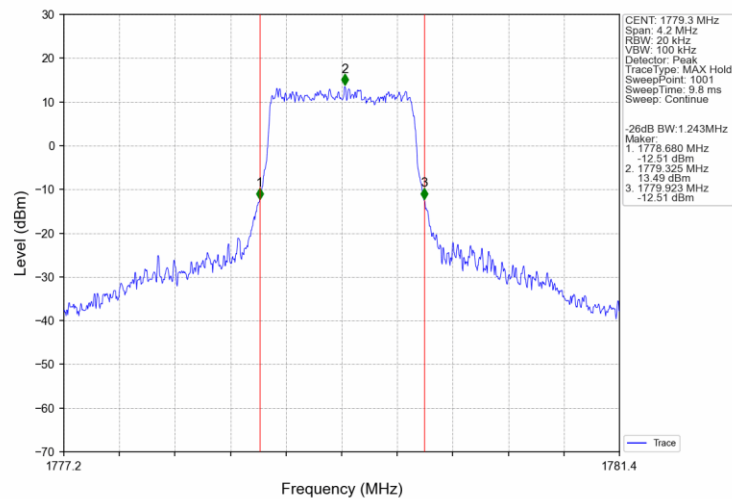
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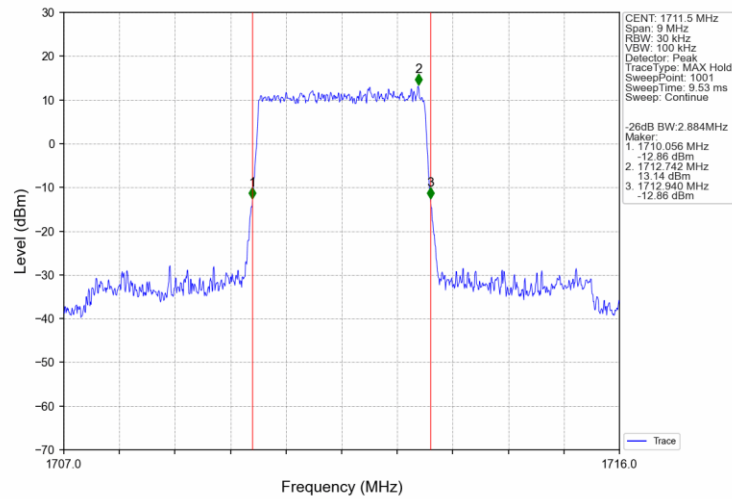
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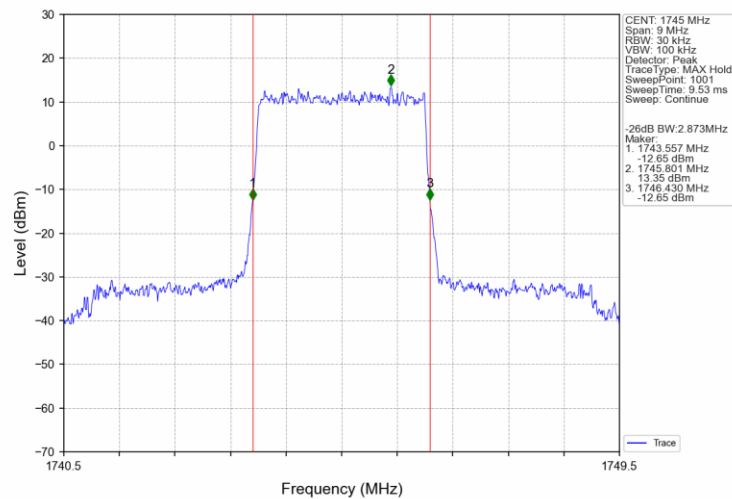
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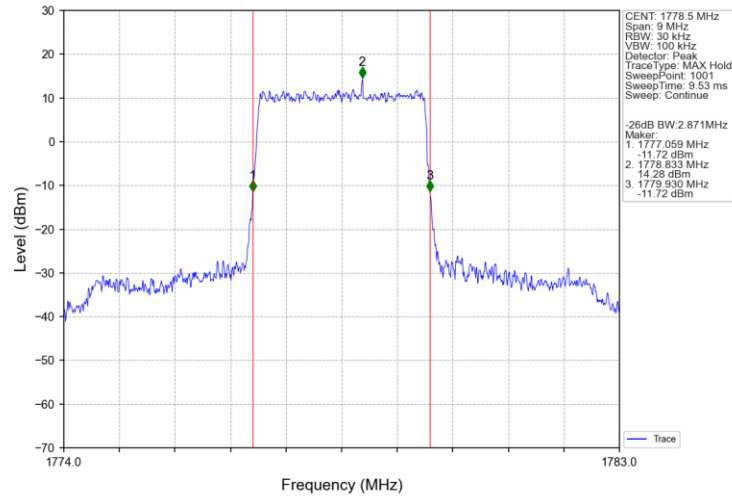
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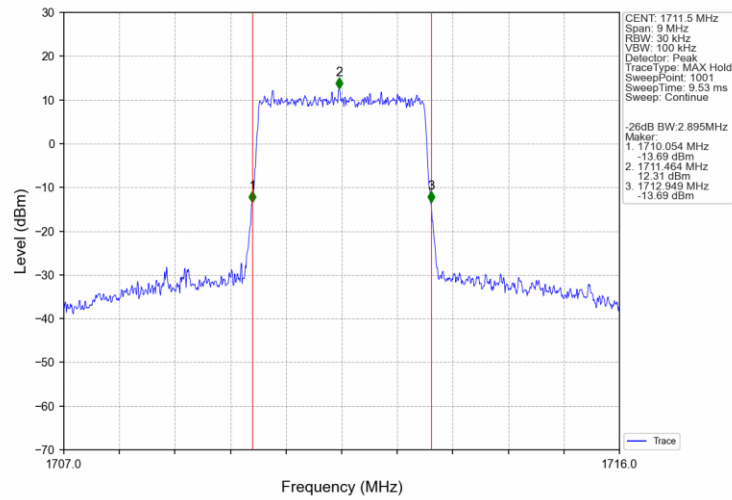
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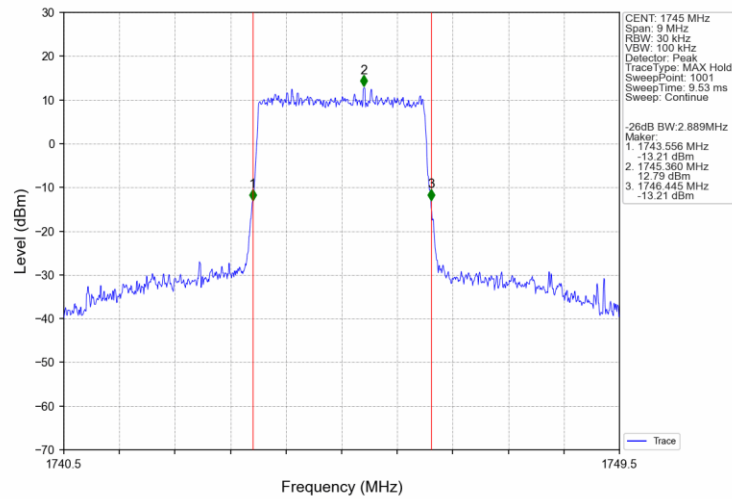
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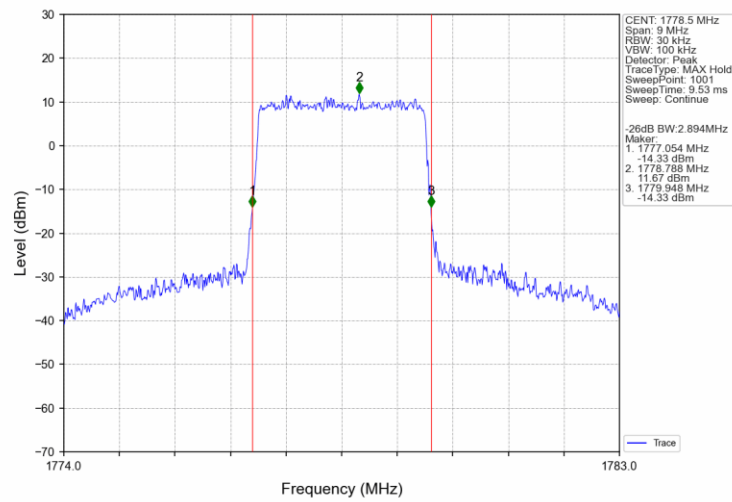
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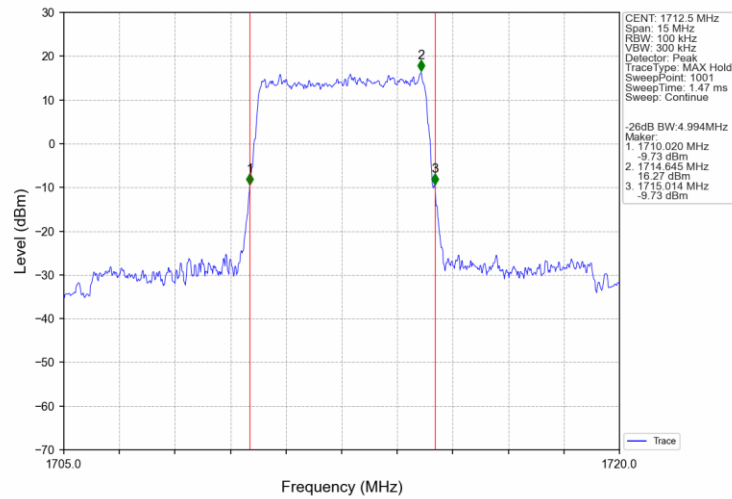
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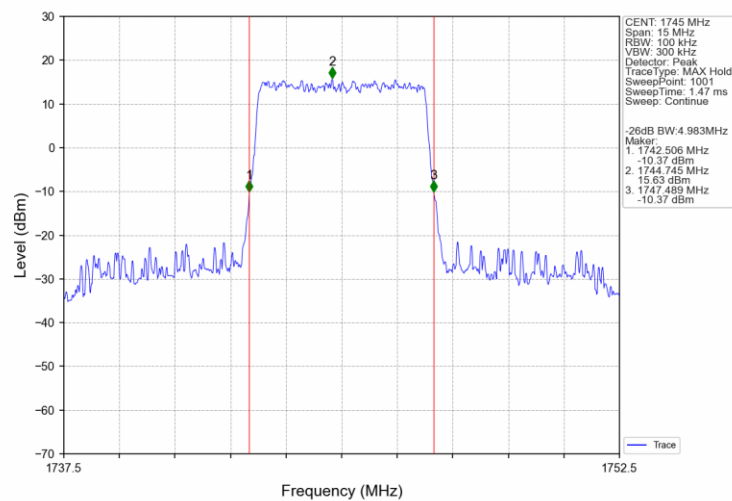
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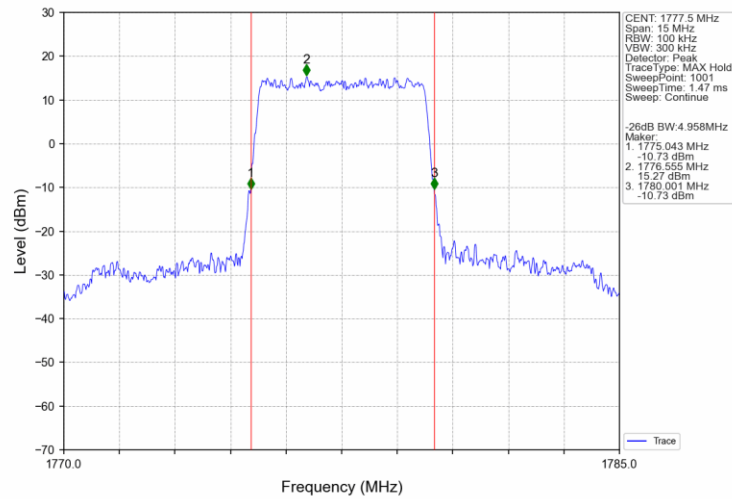
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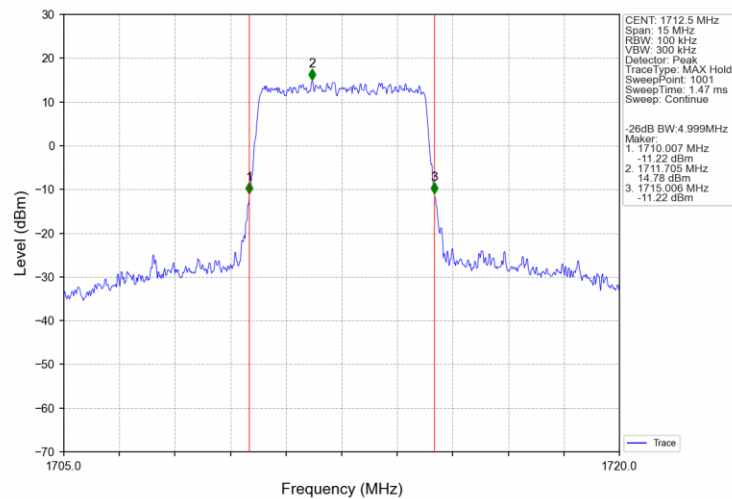
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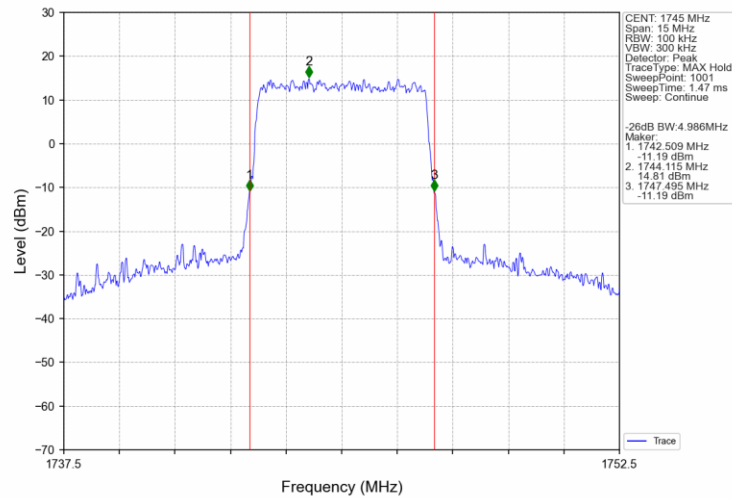
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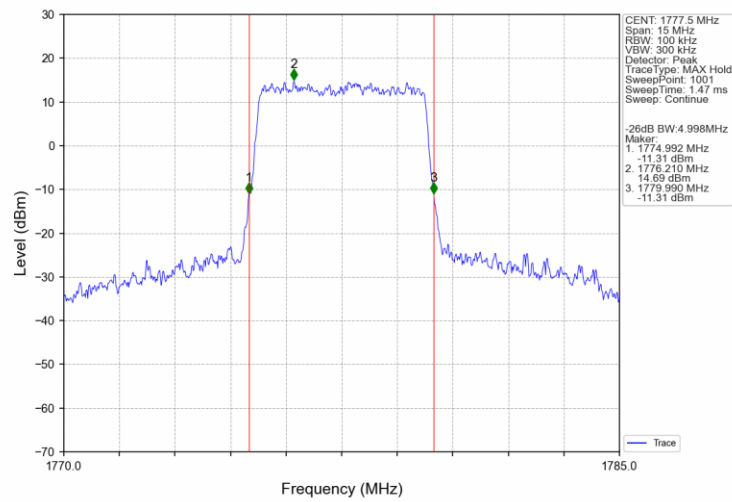
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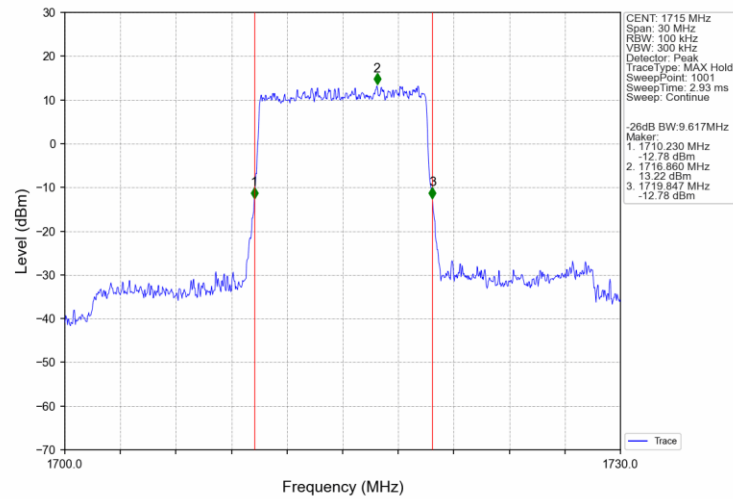
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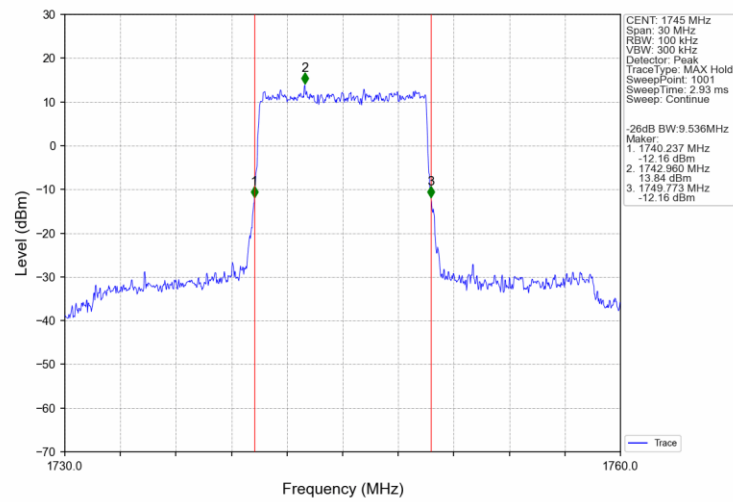
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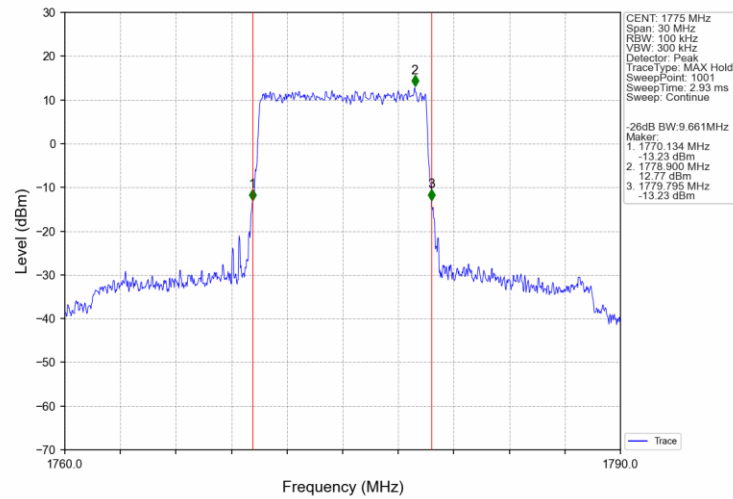
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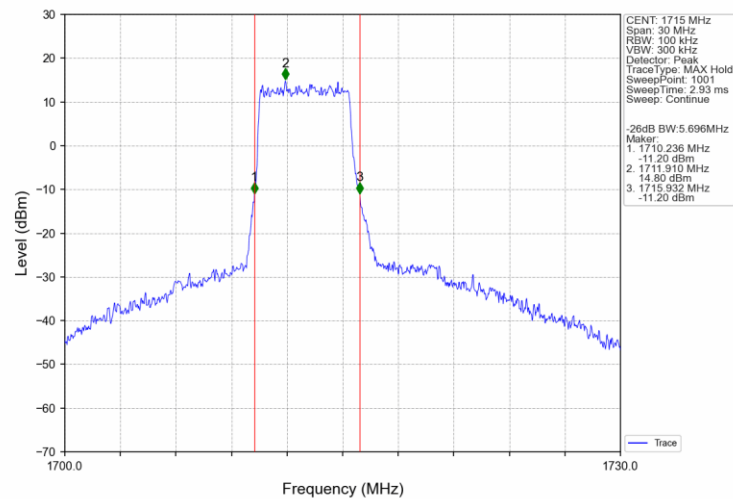
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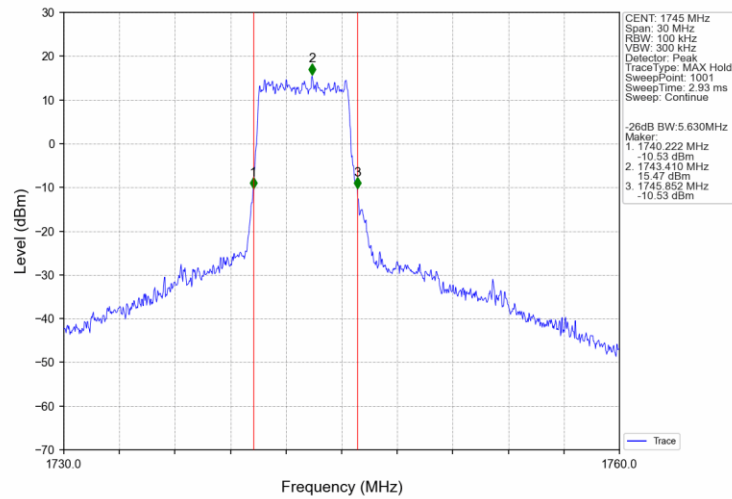
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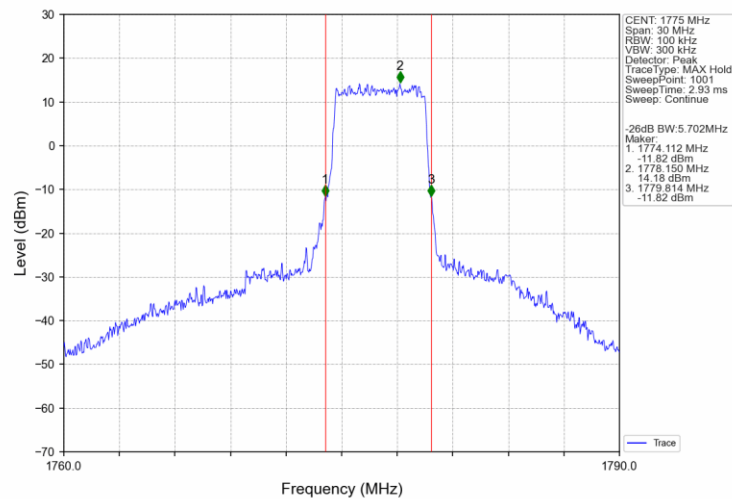
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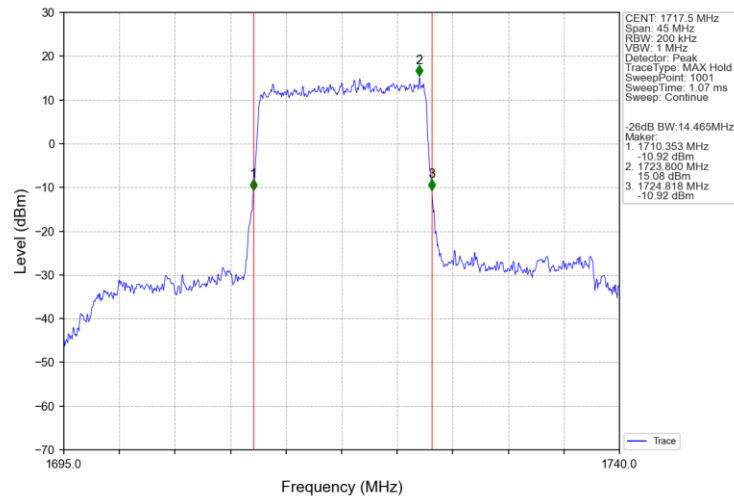
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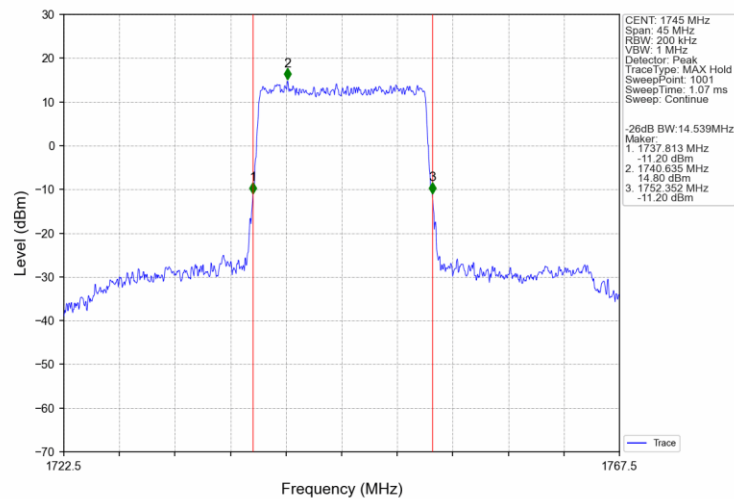
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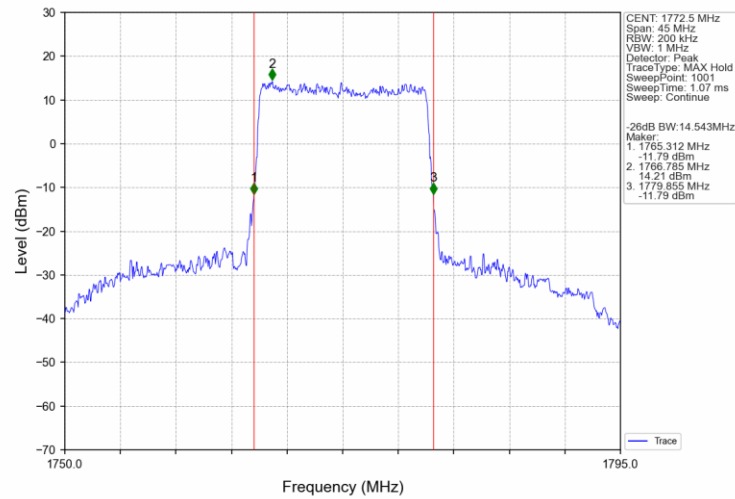
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Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



Band66 15MHz 16QAM LCH 1717.5MHz RB 27 0 NTN

