

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	2.15	24.11	<=30	Pass
			2	21.64	2.15	23.79	<=30	Pass
			5	21.48	2.15	23.63	<=30	Pass
		3	0	21.99	2.15	24.14	<=30	Pass
			2	22.02	2.15	24.17	<=30	Pass
			3	22.02	2.15	24.17	<=30	Pass
		6	0	21.00	2.15	23.15	<=30	Pass
	1745	1	0	21.49	2.15	23.64	<=30	Pass
			2	21.52	2.15	23.67	<=30	Pass
			5	21.52	2.15	23.67	<=30	Pass
		3	0	22.03	2.15	24.18	<=30	Pass
			2	22.00	2.15	24.15	<=30	Pass
			3	21.97	2.15	24.12	<=30	Pass
		6	0	21.05	2.15	23.20	<=30	Pass
	1779.3	1	0	21.51	2.15	23.66	<=30	Pass
			2	21.51	2.15	23.66	<=30	Pass
			5	21.49	2.15	23.64	<=30	Pass
		3	0	22.13	2.15	24.28	<=30	Pass
			2	22.13	2.15	24.28	<=30	Pass
			3	22.11	2.15	24.26	<=30	Pass
		6	0	21.11	2.15	23.26	<=30	Pass
16QAM	1710.7	1	0	20.51	2.15	22.66	<=30	Pass
			2	20.51	2.15	22.66	<=30	Pass
			5	20.53	2.15	22.68	<=30	Pass
		3	0	21.04	2.15	23.19	<=30	Pass
			2	21.05	2.15	23.20	<=30	Pass
			3	21.06	2.15	23.21	<=30	Pass
		6	0	19.89	2.15	22.04	<=30	Pass
	1745	1	0	20.72	2.15	22.87	<=30	Pass
			2	20.70	2.15	22.85	<=30	Pass
			5	20.66	2.15	22.81	<=30	Pass
		3	0	21.02	2.15	23.17	<=30	Pass
			2	21.01	2.15	23.16	<=30	Pass
			3	20.99	2.15	23.14	<=30	Pass
		6	0	20.05	2.15	22.20	<=30	Pass
	1779.3	1	0	20.59	2.15	22.74	<=30	Pass
			2	20.59	2.15	22.74	<=30	Pass
			5	20.60	2.15	22.75	<=30	Pass
		3	0	21.27	2.15	23.42	<=30	Pass
			2	21.28	2.15	23.43	<=30	Pass
			3	21.30	2.15	23.45	<=30	Pass
		6	0	20.09	2.15	22.24	<=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	21.43	2.15	23.58	<=30	Pass
			7	21.46	2.15	23.61	<=30	Pass
			14	21.48	2.15	23.63	<=30	Pass
		8	0	20.94	2.15	23.09	<=30	Pass
			4	20.93	2.15	23.08	<=30	Pass
			7	20.98	2.15	23.13	<=30	Pass
		15	0	20.98	2.15	23.13	<=30	Pass
	1745	1	0	21.46	2.15	23.61	<=30	Pass
			7	21.45	2.15	23.60	<=30	Pass
			14	21.40	2.15	23.55	<=30	Pass
		8	0	20.98	2.15	23.13	<=30	Pass
			4	20.92	2.15	23.07	<=30	Pass
			7	20.92	2.15	23.07	<=30	Pass
		15	0	20.93	2.15	23.08	<=30	Pass
	1778.5	1	0	21.56	2.15	23.71	<=30	Pass
			7	21.61	2.15	23.76	<=30	Pass
			14	21.58	2.15	23.73	<=30	Pass
		8	0	21.06	2.15	23.21	<=30	Pass
			4	21.04	2.15	23.19	<=30	Pass
			7	21.05	2.15	23.20	<=30	Pass
		15	0	21.06	2.15	23.21	<=30	Pass
16QAM	1711.5	1	0	20.50	2.15	22.65	<=30	Pass
			7	20.51	2.15	22.66	<=30	Pass
			14	20.53	2.15	22.68	<=30	Pass
		8	0	20.01	2.15	22.16	<=30	Pass
			4	20.01	2.15	22.16	<=30	Pass
			7	20.05	2.15	22.20	<=30	Pass
		15	0	20.03	2.15	22.18	<=30	Pass
	1745	1	0	20.66	2.15	22.81	<=30	Pass
			7	20.66	2.15	22.81	<=30	Pass
			14	20.55	2.15	22.70	<=30	Pass
		8	0	19.94	2.15	22.09	<=30	Pass
			4	19.89	2.15	22.04	<=30	Pass
			7	19.88	2.15	22.03	<=30	Pass
		15	0	19.89	2.15	22.04	<=30	Pass
	1778.5	1	0	21.10	2.15	23.25	<=30	Pass
			7	21.11	2.15	23.26	<=30	Pass
			14	21.04	2.15	23.19	<=30	Pass
		8	0	20.25	2.15	22.40	<=30	Pass
			4	20.24	2.15	22.39	<=30	Pass
			7	20.24	2.15	22.39	<=30	Pass
		15	0	20.13	2.15	22.28	<=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	21.51	2.15	23.66	<=30	Pass
			13	21.55	2.15	23.70	<=30	Pass
			24	21.57	2.15	23.72	<=30	Pass
		12	0	20.96	2.15	23.11	<=30	Pass
			6	21.03	2.15	23.18	<=30	Pass

			13	21.01	2.15	23.16	<=30	Pass
		25	0	21.04	2.15	23.19	<=30	Pass
	1745	1	0	21.53	2.15	23.68	<=30	Pass
			13	21.48	2.15	23.63	<=30	Pass
			24	21.48	2.15	23.63	<=30	Pass
		12	0	21.00	2.15	23.15	<=30	Pass
			6	20.99	2.15	23.14	<=30	Pass
			13	20.90	2.15	23.05	<=30	Pass
		25	0	20.97	2.15	23.12	<=30	Pass
	1777.5	1	0	21.62	2.15	23.77	<=30	Pass
			13	21.71	2.15	23.86	<=30	Pass
			24	21.74	2.15	23.89	<=30	Pass
		12	0	21.09	2.15	23.24	<=30	Pass
			6	21.08	2.15	23.23	<=30	Pass
			13	21.05	2.15	23.20	<=30	Pass
		25	0	21.09	2.15	23.24	<=30	Pass
16QAM	1712.5	1	0	20.59	2.15	22.74	<=30	Pass
			13	20.62	2.15	22.77	<=30	Pass
			24	20.66	2.15	22.81	<=30	Pass
		12	0	19.92	2.15	22.07	<=30	Pass
			6	19.99	2.15	22.14	<=30	Pass
			13	20.01	2.15	22.16	<=30	Pass
		25	0	20.05	2.15	22.20	<=30	Pass
	1745	1	0	20.79	2.15	22.94	<=30	Pass
			13	20.73	2.15	22.88	<=30	Pass
			24	20.69	2.15	22.84	<=30	Pass
		12	0	20.03	2.15	22.18	<=30	Pass
			6	19.99	2.15	22.14	<=30	Pass
			13	19.93	2.15	22.08	<=30	Pass
		25	0	19.95	2.15	22.10	<=30	Pass
	1777.5	1	0	20.38	2.15	22.53	<=30	Pass
			13	20.41	2.15	22.56	<=30	Pass
			24	20.44	2.15	22.59	<=30	Pass
		12	0	20.05	2.15	22.20	<=30	Pass
			6	20.07	2.15	22.22	<=30	Pass
			13	20.08	2.15	22.23	<=30	Pass
		25	0	20.11	2.15	22.26	<=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	21.46	2.15	23.61	<=30	Pass
			25	21.59	2.15	23.74	<=30	Pass
			49	21.55	2.15	23.70	<=30	Pass
		25	0	20.97	2.15	23.12	<=30	Pass
			13	21.05	2.15	23.20	<=30	Pass
			25	21.17	2.15	23.32	<=30	Pass
		50	0	21.08	2.15	23.23	<=30	Pass
	1745	1	0	21.50	2.15	23.65	<=30	Pass
			25	21.51	2.15	23.66	<=30	Pass
			49	21.38	2.15	23.53	<=30	Pass
		25	0	21.04	2.15	23.19	<=30	Pass
			13	20.97	2.15	23.12	<=30	Pass
			25	20.98	2.15	23.13	<=30	Pass
		50	0	21.04	2.15	23.19	<=30	Pass
			0	21.04	2.15	23.19	<=30	Pass

	1775	1	0	21.41	2.15	23.56	<=30	Pass		
			25	21.55	2.15	23.70	<=30	Pass		
			49	21.58	2.15	23.73	<=30	Pass		
		25	0	21.03	2.15	23.18	<=30	Pass		
			13	21.06	2.15	23.21	<=30	Pass		
			25	21.13	2.15	23.28	<=30	Pass		
		50	0	21.08	2.15	23.23	<=30	Pass		
		16QAM	1715	1	0	20.45	2.15	22.60	<=30	Pass
					25	20.53	2.15	22.68	<=30	Pass
49	20.54				2.15	22.69	<=30	Pass		
12	0			21.02	2.15	23.17	<=30	Pass		
	19			21.08	2.15	23.23	<=30	Pass		
	38			21.15	2.15	23.30	<=30	Pass		
27	0			19.95	2.15	22.10	<=30	Pass		
1745	1			0	20.66	2.15	22.81	<=30	Pass	
				25	20.67	2.15	22.82	<=30	Pass	
			49	20.52	2.15	22.67	<=30	Pass		
	12		0	21.03	2.15	23.18	<=30	Pass		
			19	21.01	2.15	23.16	<=30	Pass		
			38	20.94	2.15	23.09	<=30	Pass		
	27		0	20.04	2.15	22.19	<=30	Pass		
	1775		1	0	20.98	2.15	23.13	<=30	Pass	
				25	21.12	2.15	23.27	<=30	Pass	
49				21.04	2.15	23.19	<=30	Pass		
12			0	21.05	2.15	23.20	<=30	Pass		
			19	21.11	2.15	23.26	<=30	Pass		
		38	21.16	2.15	23.31	<=30	Pass			
27		23	20.08	2.15	22.23	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.35	2.15	23.50	<=30	Pass
			38	21.47	2.15	23.62	<=30	Pass
			74	21.42	2.15	23.57	<=30	Pass
		36	0	20.90	2.15	23.05	<=30	Pass
			18	21.03	2.15	23.18	<=30	Pass
			39	21.10	2.15	23.25	<=30	Pass
		75	0	21.06	2.15	23.21	<=30	Pass
	1745	1	0	21.48	2.15	23.63	<=30	Pass
			38	21.44	2.15	23.59	<=30	Pass
			74	21.27	2.15	23.42	<=30	Pass
		36	0	21.06	2.15	23.21	<=30	Pass
			18	20.93	2.15	23.08	<=30	Pass
			39	20.93	2.15	23.08	<=30	Pass
		75	0	21.03	2.15	23.18	<=30	Pass
	1772.5	1	0	21.33	2.15	23.48	<=30	Pass
			38	21.47	2.15	23.62	<=30	Pass
			74	21.52	2.15	23.67	<=30	Pass
		36	0	20.97	2.15	23.12	<=30	Pass
			18	21.00	2.15	23.15	<=30	Pass
			39	21.13	2.15	23.28	<=30	Pass
		75	0	21.05	2.15	23.20	<=30	Pass
16QAM	1717.5	1	0	20.75	2.15	22.90	<=30	Pass
			38	20.88	2.15	23.03	<=30	Pass

		12	74	20.86	2.15	23.01	<=30	Pass
			0	20.89	2.15	23.04	<=30	Pass
			31	21.01	2.15	23.16	<=30	Pass
			63	21.00	2.15	23.15	<=30	Pass
		27	0	19.90	2.15	22.05	<=30	Pass
	1745	1	0	20.66	2.15	22.81	<=30	Pass
			38	20.64	2.15	22.79	<=30	Pass
			74	20.44	2.15	22.59	<=30	Pass
		12	0	20.98	2.15	23.13	<=30	Pass
			31	20.98	2.15	23.13	<=30	Pass
			63	20.86	2.15	23.01	<=30	Pass
		27	0	20.05	2.15	22.20	<=30	Pass
	1772.5	1	0	20.92	2.15	23.07	<=30	Pass
			38	21.11	2.15	23.26	<=30	Pass
			74	21.01	2.15	23.16	<=30	Pass
		12	0	20.97	2.15	23.12	<=30	Pass
			31	21.07	2.15	23.22	<=30	Pass
			63	21.10	2.15	23.25	<=30	Pass
		27	48	20.03	2.15	22.18	<=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	21.34	2.15	23.49	<=30	Pass
			50	21.54	2.15	23.69	<=30	Pass
			99	21.48	2.15	23.63	<=30	Pass
		50	0	20.89	2.15	23.04	<=30	Pass
			25	21.11	2.15	23.26	<=30	Pass
			50	21.22	2.15	23.37	<=30	Pass
		100	0	21.08	2.15	23.23	<=30	Pass
	1745	1	0	21.49	2.15	23.64	<=30	Pass
			50	21.50	2.15	23.65	<=30	Pass
			99	21.30	2.15	23.45	<=30	Pass
		50	0	21.07	2.15	23.22	<=30	Pass
			25	21.01	2.15	23.16	<=30	Pass
			50	21.03	2.15	23.18	<=30	Pass
		100	0	21.07	2.15	23.22	<=30	Pass
	1770	1	0	21.25	2.15	23.40	<=30	Pass
			50	21.49	2.15	23.64	<=30	Pass
			99	21.51	2.15	23.66	<=30	Pass
		50	0	21.06	2.15	23.21	<=30	Pass
			25	21.03	2.15	23.18	<=30	Pass
			50	21.13	2.15	23.28	<=30	Pass
		100	0	21.08	2.15	23.23	<=30	Pass
16QAM	1720	1	0	20.95	2.15	23.10	<=30	Pass
			50	21.13	2.15	23.28	<=30	Pass
			99	21.14	2.15	23.29	<=30	Pass
		12	0	20.94	2.15	23.09	<=30	Pass
			44	21.08	2.15	23.23	<=30	Pass
			88	21.06	2.15	23.21	<=30	Pass
		27	0	19.91	2.15	22.06	<=30	Pass
	1745	1	0	20.70	2.15	22.85	<=30	Pass
			50	20.72	2.15	22.87	<=30	Pass
			99	20.46	2.15	22.61	<=30	Pass
		12	0	20.96	2.15	23.11	<=30	Pass

		27	44	20.98	2.15	23.13	<=30	Pass
			88	20.79	2.15	22.94	<=30	Pass
			0	19.94	2.15	22.09	<=30	Pass
	1770	1	0	20.53	2.15	22.68	<=30	Pass
			50	20.77	2.15	22.92	<=30	Pass
			99	20.76	2.15	22.91	<=30	Pass
		12	0	20.83	2.15	22.98	<=30	Pass
			44	21.01	2.15	23.16	<=30	Pass
			88	21.02	2.15	23.17	<=30	Pass
		27	73	20.00	2.15	22.15	<=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	2.589	0.0015	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0038	-2.5 to 2.5	Pass
					4.43	7.453	0.0044	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	5.250	0.0031	-2.5 to 2.5	Pass
				-10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				0	3.85	3.018	0.0018	-2.5 to 2.5	Pass
				10	3.85	-8.955	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				40	3.85	4.148	0.0024	-2.5 to 2.5	Pass
	50	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	5.493	0.0031	-2.5 to 2.5	Pass
					3.85	3.848	0.0022	-2.5 to 2.5	Pass
					4.43	7.210	0.0041	-2.5 to 2.5	Pass
				-30	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				10	3.85	6.537	0.0037	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				40	3.85	7.467	0.0043	-2.5 to 2.5	Pass
	50	3.85	5.965	0.0034	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	0.372	0.0002	-2.5 to 2.5	Pass
					3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
					4.43	7.195	0.0040	-2.5 to 2.5	Pass
				-30	3.85	9.170	0.0052	-2.5 to 2.5	Pass
				-20	3.85	12.460	0.0070	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				0	3.85	9.327	0.0052	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				30	3.85	5.279	0.0030	-2.5 to 2.5	Pass
40				3.85	8.426	0.0047	-2.5 to 2.5	Pass	
50	3.85	0.901	0.0005	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	1.817	0.0011	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass

					4.43	7.110	0.0042	-2.5 to 2.5	Pass
				-30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				0	3.85	4.234	0.0025	-2.5 to 2.5	Pass
				10	3.85	8.597	0.0050	-2.5 to 2.5	Pass
				30	3.85	1.831	0.0011	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-5.164	-0.0030	-2.5 to 2.5	Pass
					3.85	6.766	0.0039	-2.5 to 2.5	Pass
					4.43	5.836	0.0033	-2.5 to 2.5	Pass
				-30	3.85	6.423	0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				40	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	5.951	0.0033	-2.5 to 2.5	Pass
					3.85	-6.294	-0.0035	-2.5 to 2.5	Pass
					4.43	7.439	0.0042	-2.5 to 2.5	Pass
				-30	3.85	9.913	0.0056	-2.5 to 2.5	Pass
				-20	3.85	4.606	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0031	-2.5 to 2.5	Pass
				0	3.85	8.883	0.0050	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.85	4.535	0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				50	3.85	12.317	0.0069	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-6.437	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
					4.43	6.752	0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				0	3.85	4.034	0.0024	-2.5 to 2.5	Pass
				10	3.85	4.606	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.334	-0.0025	-2.5 to 2.5	Pass
					3.85	2.933	0.0017	-2.5 to 2.5	Pass
					4.43	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.333	0.0019	-2.5 to 2.5	Pass
				-20	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	6.852	0.0039	-2.5 to 2.5	Pass
				10	3.85	11.358	0.0065	-2.5 to 2.5	Pass
				30	3.85	8.025	0.0046	-2.5 to 2.5	Pass
				40	3.85	5.164	0.0030	-2.5 to 2.5	Pass

	1778.5	15	0	50	3.85	11.559	0.0066	-2.5 to 2.5	Pass
				20	3.27	1.287	0.0007	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0029	-2.5 to 2.5	Pass
					4.43	8.340	0.0047	-2.5 to 2.5	Pass
				-30	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-9.871	-0.0056	-2.5 to 2.5	Pass
				0	3.85	5.336	0.0030	-2.5 to 2.5	Pass
				10	3.85	2.689	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.159	0.0007	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	40	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				20	3.27	-1.874	-0.0011	-2.5 to 2.5	Pass
					3.85	8.140	0.0048	-2.5 to 2.5	Pass
					4.43	3.805	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	6.666	0.0039	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				10	3.85	2.275	0.0013	-2.5 to 2.5	Pass
	1745	15	0	30	3.85	3.834	0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				20	3.27	11.072	0.0063	-2.5 to 2.5	Pass
					3.85	9.027	0.0052	-2.5 to 2.5	Pass
					4.43	16.379	0.0094	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-9.313	-0.0053	-2.5 to 2.5	Pass
				0	3.85	8.783	0.0050	-2.5 to 2.5	Pass
	1778.5	15	0	10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				20	3.27	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
					4.43	6.838	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				40	3.85	5.493	0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	2.489	0.0015	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
					4.43	2.418	0.0014	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0023	-2.5 to 2.5	Pass
				-20	3.85	5.593	0.0033	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	8.097	0.0047	-2.5 to 2.5	Pass

				10	3.85	7.496	0.0044	-2.5 to 2.5	Pass
				30	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				40	3.85	7.725	0.0045	-2.5 to 2.5	Pass
				50	3.85	7.997	0.0047	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	2.203	0.0013	-2.5 to 2.5	Pass
					3.85	4.649	0.0027	-2.5 to 2.5	Pass
					4.43	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				-20	3.85	5.693	0.0033	-2.5 to 2.5	Pass
				-10	3.85	3.262	0.0019	-2.5 to 2.5	Pass
				0	3.85	8.540	0.0049	-2.5 to 2.5	Pass
				10	3.85	2.217	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				40	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				50	3.85	7.997	0.0046	-2.5 to 2.5	Pass
				20	3.27	4.363	0.0025	-2.5 to 2.5	Pass
					3.85	1.173	0.0007	-2.5 to 2.5	Pass
					4.43	9.956	0.0056	-2.5 to 2.5	Pass
				-30	3.85	7.267	0.0041	-2.5 to 2.5	Pass
				-20	3.85	11.644	0.0066	-2.5 to 2.5	Pass
				-10	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				0	3.85	6.866	0.0039	-2.5 to 2.5	Pass
				10	3.85	11.930	0.0067	-2.5 to 2.5	Pass
				30	3.85	7.381	0.0042	-2.5 to 2.5	Pass
				40	3.85	4.964	0.0028	-2.5 to 2.5	Pass
				50	3.85	11.115	0.0063	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	5.078	0.0030	-2.5 to 2.5	Pass
					4.43	-0.315	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				-20	3.85	4.463	0.0026	-2.5 to 2.5	Pass
				-10	3.85	9.041	0.0053	-2.5 to 2.5	Pass
				0	3.85	6.137	0.0036	-2.5 to 2.5	Pass
				10	3.85	7.982	0.0047	-2.5 to 2.5	Pass
				30	3.85	10.986	0.0064	-2.5 to 2.5	Pass
				40	3.85	6.938	0.0041	-2.5 to 2.5	Pass
				50	3.85	5.722	0.0033	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	8.554	0.0049	-2.5 to 2.5	Pass
					3.85	8.397	0.0048	-2.5 to 2.5	Pass
					4.43	6.652	0.0038	-2.5 to 2.5	Pass
				-30	3.85	10.915	0.0063	-2.5 to 2.5	Pass
				-20	3.85	8.612	0.0049	-2.5 to 2.5	Pass
				-10	3.85	2.990	0.0017	-2.5 to 2.5	Pass
				0	3.85	7.153	0.0041	-2.5 to 2.5	Pass
				10	3.85	10.500	0.0060	-2.5 to 2.5	Pass
				30	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				40	3.85	11.330	0.0065	-2.5 to 2.5	Pass
				50	3.85	2.303	0.0013	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	8.039	0.0045	-2.5 to 2.5	Pass
					3.85	7.410	0.0042	-2.5 to 2.5	Pass
					4.43	6.552	0.0037	-2.5 to 2.5	Pass
				-30	3.85	10.457	0.0059	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				0	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				40	3.85	6.151	0.0035	-2.5 to 2.5	Pass
				50	3.85	2.203	0.0012	-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	1.845	0.0011	-2.5 to 2.5	Pass
					3.85	3.633	0.0021	-2.5 to 2.5	Pass
					4.43	4.792	0.0028	-2.5 to 2.5	Pass
				-30	3.85	4.520	0.0026	-2.5 to 2.5	Pass
				-20	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				-10	3.85	4.835	0.0028	-2.5 to 2.5	Pass
				0	3.85	6.895	0.0040	-2.5 to 2.5	Pass
				10	3.85	2.518	0.0015	-2.5 to 2.5	Pass
				30	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				40	3.85	5.379	0.0031	-2.5 to 2.5	Pass
				50	3.85	4.492	0.0026	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	7.496	0.0043	-2.5 to 2.5	Pass
					3.85	2.232	0.0013	-2.5 to 2.5	Pass
					4.43	4.392	0.0025	-2.5 to 2.5	Pass
				-30	3.85	2.990	0.0017	-2.5 to 2.5	Pass
				-20	3.85	5.078	0.0029	-2.5 to 2.5	Pass
				-10	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				0	3.85	5.579	0.0032	-2.5 to 2.5	Pass
				10	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	5.136	0.0029	-2.5 to 2.5	Pass
				50	3.85	2.174	0.0012	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	8.240	0.0046	-2.5 to 2.5	Pass
					3.85	5.178	0.0029	-2.5 to 2.5	Pass
					4.43	7.496	0.0042	-2.5 to 2.5	Pass
				-30	3.85	5.021	0.0028	-2.5 to 2.5	Pass
				-20	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				-10	3.85	6.881	0.0039	-2.5 to 2.5	Pass
				0	3.85	5.894	0.0033	-2.5 to 2.5	Pass
				10	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				30	3.85	8.783	0.0049	-2.5 to 2.5	Pass
				40	3.85	6.895	0.0039	-2.5 to 2.5	Pass
				50	3.85	4.878	0.0027	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-3.405	-0.0020	-2.5 to 2.5	Pass
					3.85	3.247	0.0019	-2.5 to 2.5	Pass
					4.43	9.456	0.0055	-2.5 to 2.5	Pass
				-30	3.85	3.991	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				10	3.85	5.164	0.0030	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				40	3.85	7.839	0.0046	-2.5 to 2.5	Pass
				50	3.85	1.945	0.0011	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	7.167	0.0041	-2.5 to 2.5	Pass
					3.85	0.515	0.0003	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	4.134	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.204	0.0018	-2.5 to 2.5	Pass
				10	3.85	3.433	0.0020	-2.5 to 2.5	Pass

	1775	27	23	30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				50	3.85	8.068	0.0046	-2.5 to 2.5	Pass
				20	3.27	3.562	0.0020	-2.5 to 2.5	Pass
					3.85	0.358	0.0002	-2.5 to 2.5	Pass
					4.43	3.362	0.0019	-2.5 to 2.5	Pass
				-30	3.85	3.204	0.0018	-2.5 to 2.5	Pass
				-20	3.85	5.879	0.0033	-2.5 to 2.5	Pass
				-10	3.85	7.925	0.0045	-2.5 to 2.5	Pass
				0	3.85	7.596	0.0043	-2.5 to 2.5	Pass
				10	3.85	6.680	0.0038	-2.5 to 2.5	Pass
				30	3.85	4.992	0.0028	-2.5 to 2.5	Pass
				40	3.85	3.920	0.0022	-2.5 to 2.5	Pass
				50	3.85	5.980	0.0034	-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	2.375	0.0014	-2.5 to 2.5	Pass
					3.85	2.604	0.0015	-2.5 to 2.5	Pass
					4.43	1.273	0.0007	-2.5 to 2.5	Pass
				-30	3.85	3.190	0.0019	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-10	3.85	4.506	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.719	0.0022	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0010	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	0.486	0.0003	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	-0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.432	0.0014	-2.5 to 2.5	Pass
				10	3.85	4.606	0.0026	-2.5 to 2.5	Pass
				30	3.85	5.593	0.0032	-2.5 to 2.5	Pass
				40	3.85	6.237	0.0036	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0010	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.144	0.0006	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	0.787	0.0005	-2.5 to 2.5	Pass
					3.85	7.110	0.0041	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0009	-2.5 to 2.5	Pass

				-10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.243	0.0001	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	5.093	0.0029	-2.5 to 2.5	Pass
					3.85	0.458	0.0003	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				0	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				30	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.27	0.930	0.0005	-2.5 to 2.5	Pass
					3.85	0.086	0.0000	-2.5 to 2.5	Pass
					4.43	1.874	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				0	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0006	-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	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	2.074	0.0012	-2.5 to 2.5	Pass
					4.43	2.632	0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				0	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	1.059	0.0006	-2.5 to 2.5	Pass
					4.43	0.958	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				-20	3.85	6.480	0.0037	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				0	3.85	6.609	0.0038	-2.5 to 2.5	Pass
				10	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				30	3.85	6.809	0.0039	-2.5 to 2.5	Pass
				40	3.85	5.407	0.0031	-2.5 to 2.5	Pass
				50	3.85	2.933	0.0017	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-2.289	-0.0013	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass

16QAM	1720	27	0		4.43	-3.562	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				0	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				30	3.85	2.332	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.403	0.0014	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	0.572	0.0003	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.435	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				10	3.85	7.067	0.0041	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				40	3.85	3.619	0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	4.034	0.0023	-2.5 to 2.5	Pass
					3.85	2.718	0.0016	-2.5 to 2.5	Pass
					4.43	3.247	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				0	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				10	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	2.003	0.0011	-2.5 to 2.5	Pass
					3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.376	0.0019	-2.5 to 2.5	Pass
				10	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.604	0.0015	-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	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 / NTV						
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

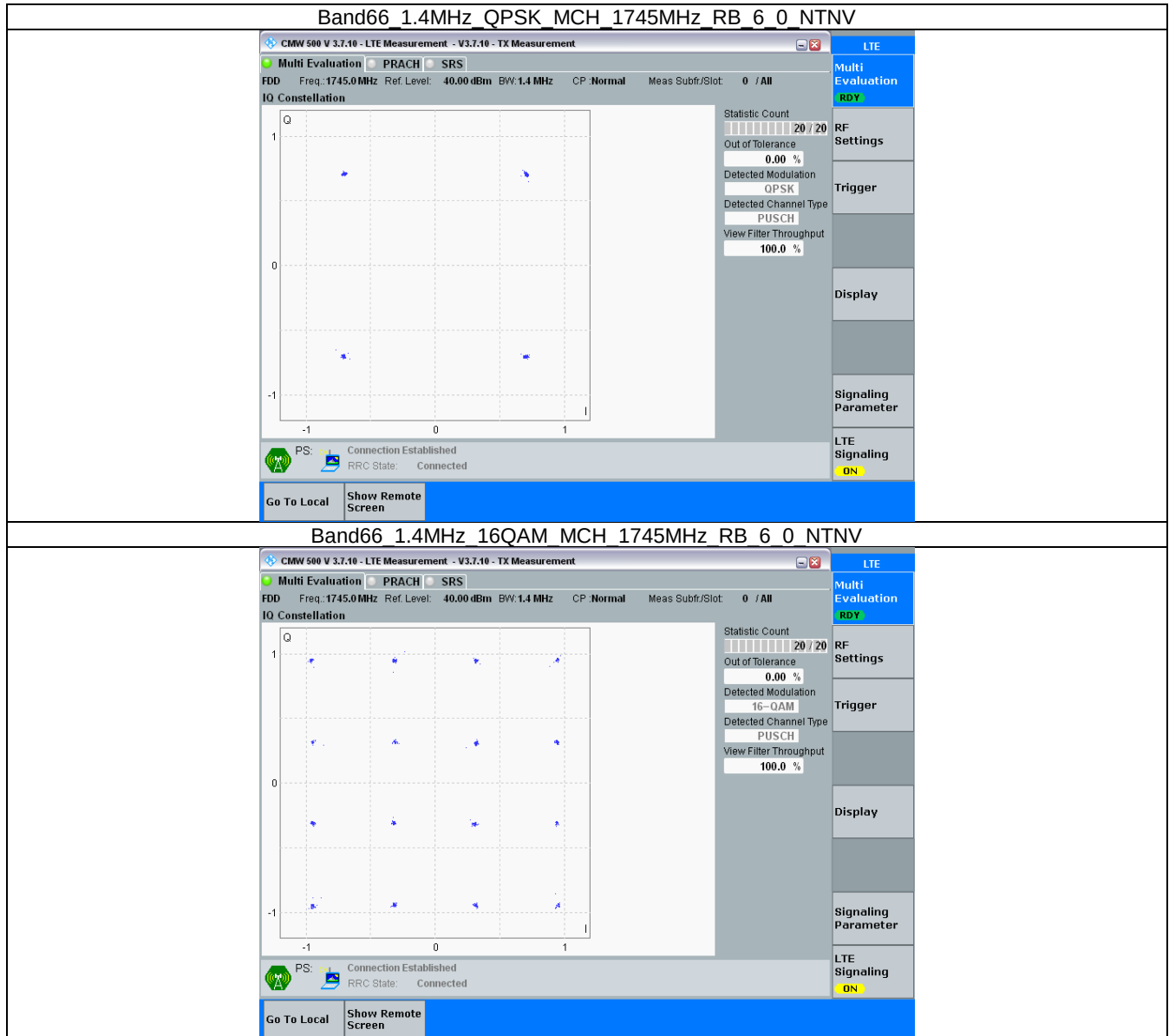
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

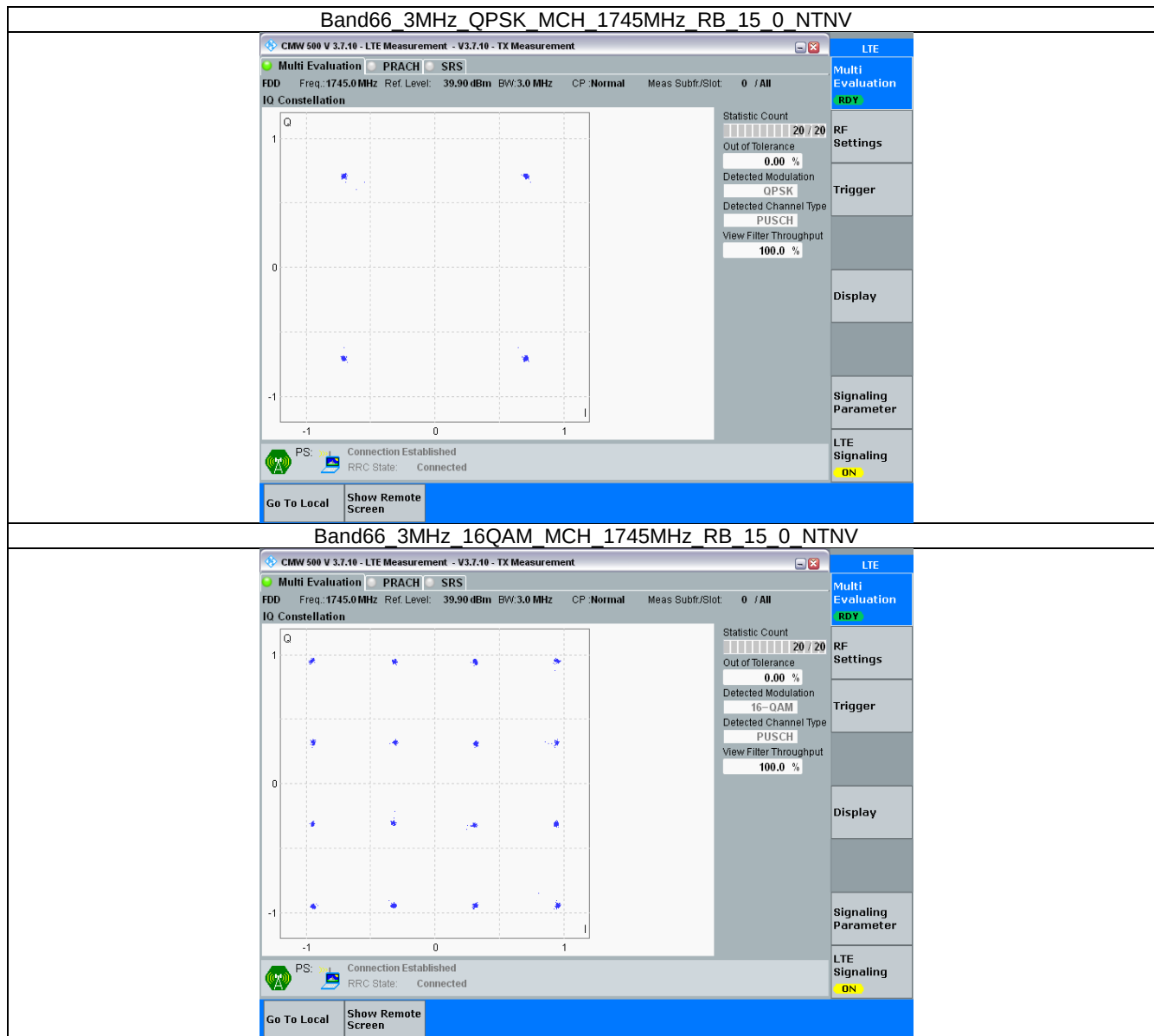
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

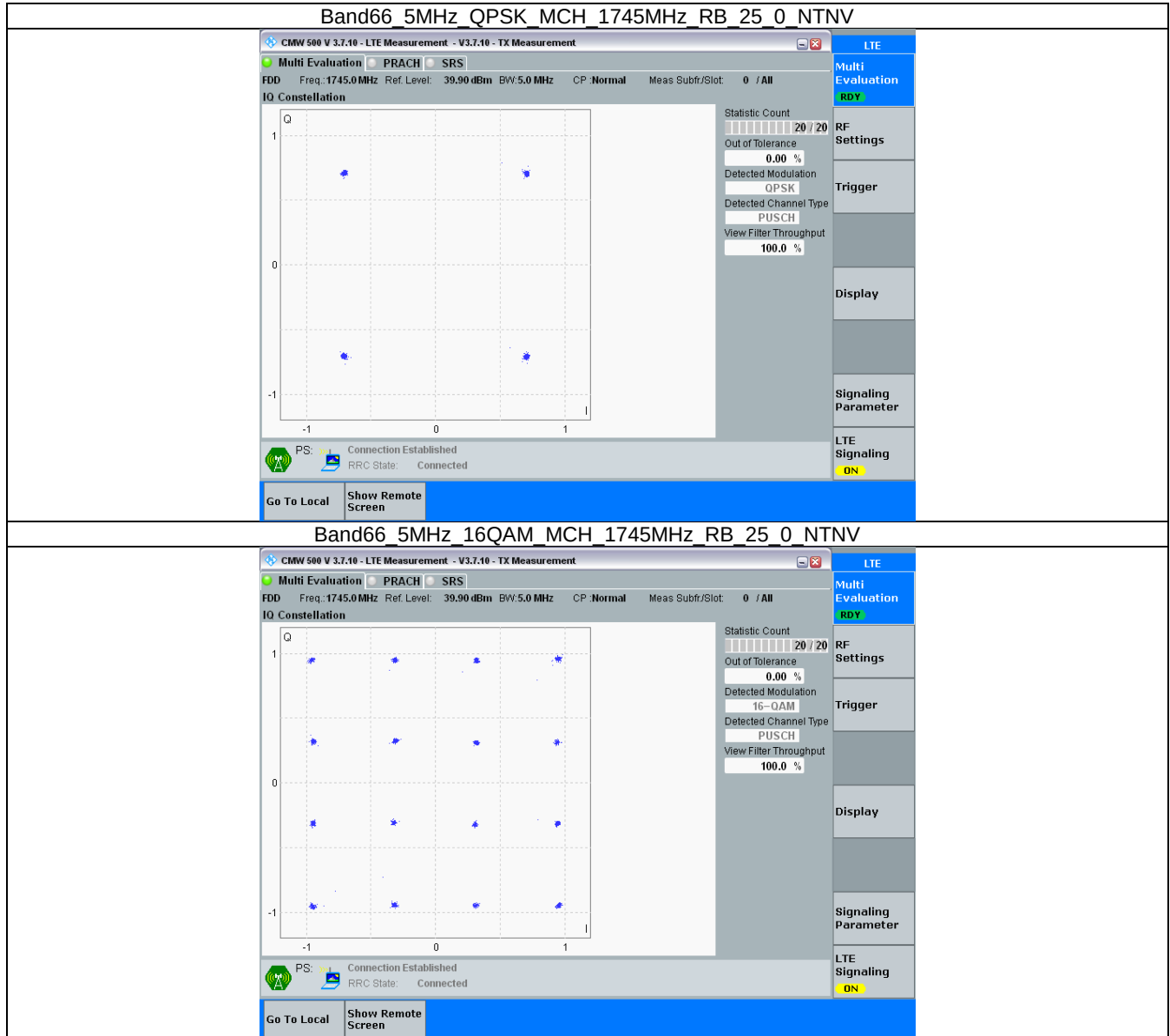
3.2.1 B66_1.4MHz



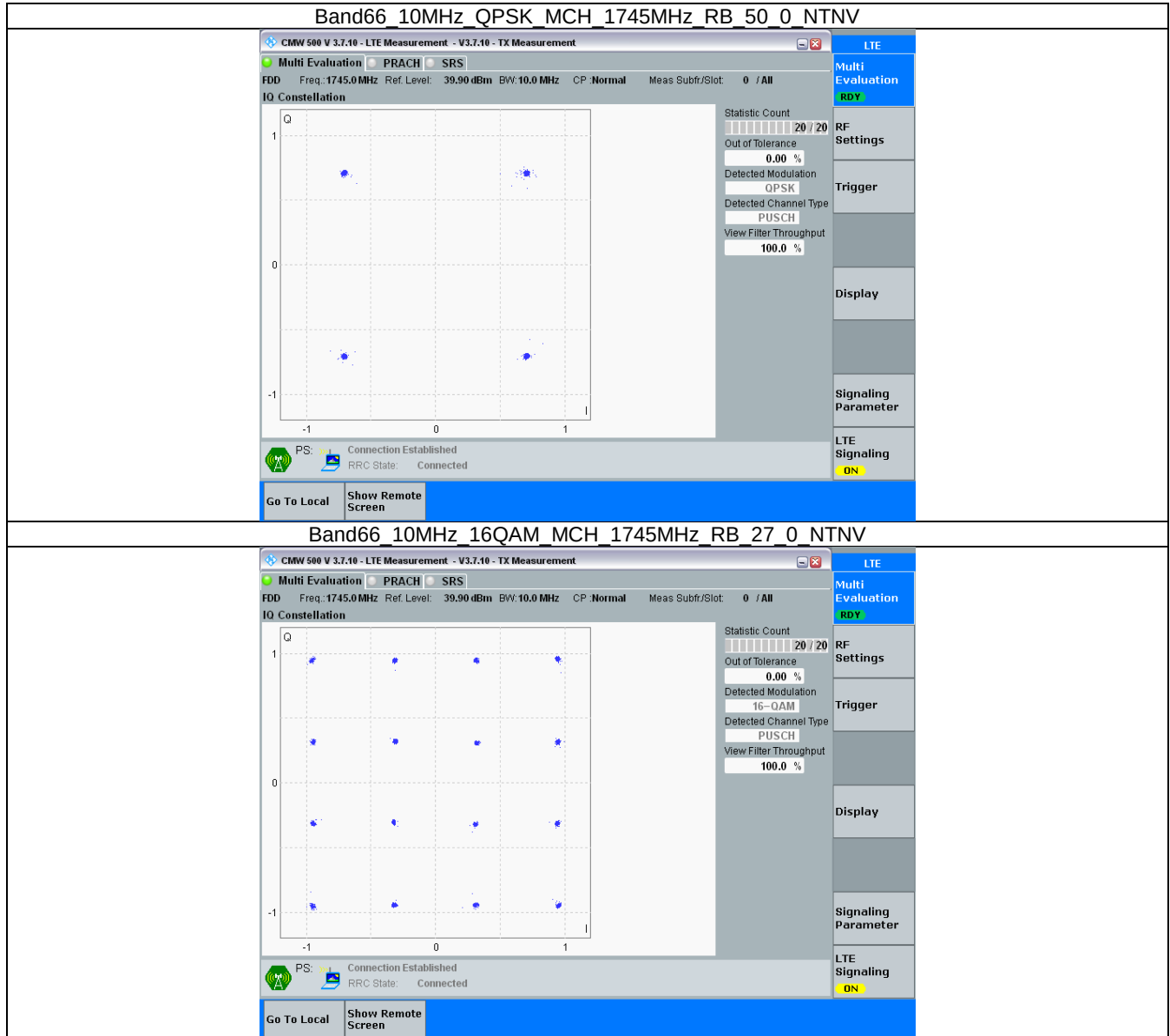
3.2.2 B66_3MHz



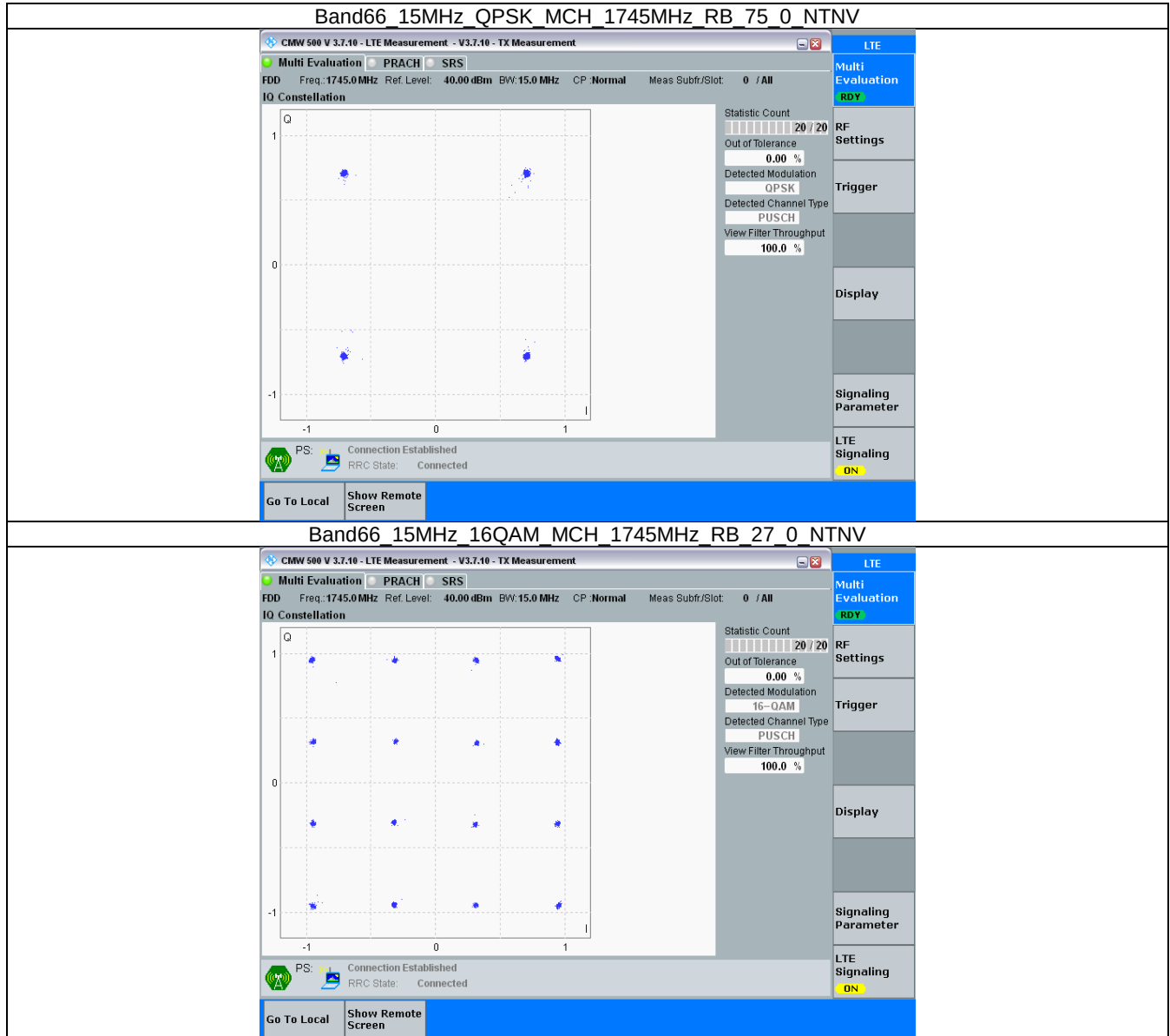
3.2.3 B66_5MHz



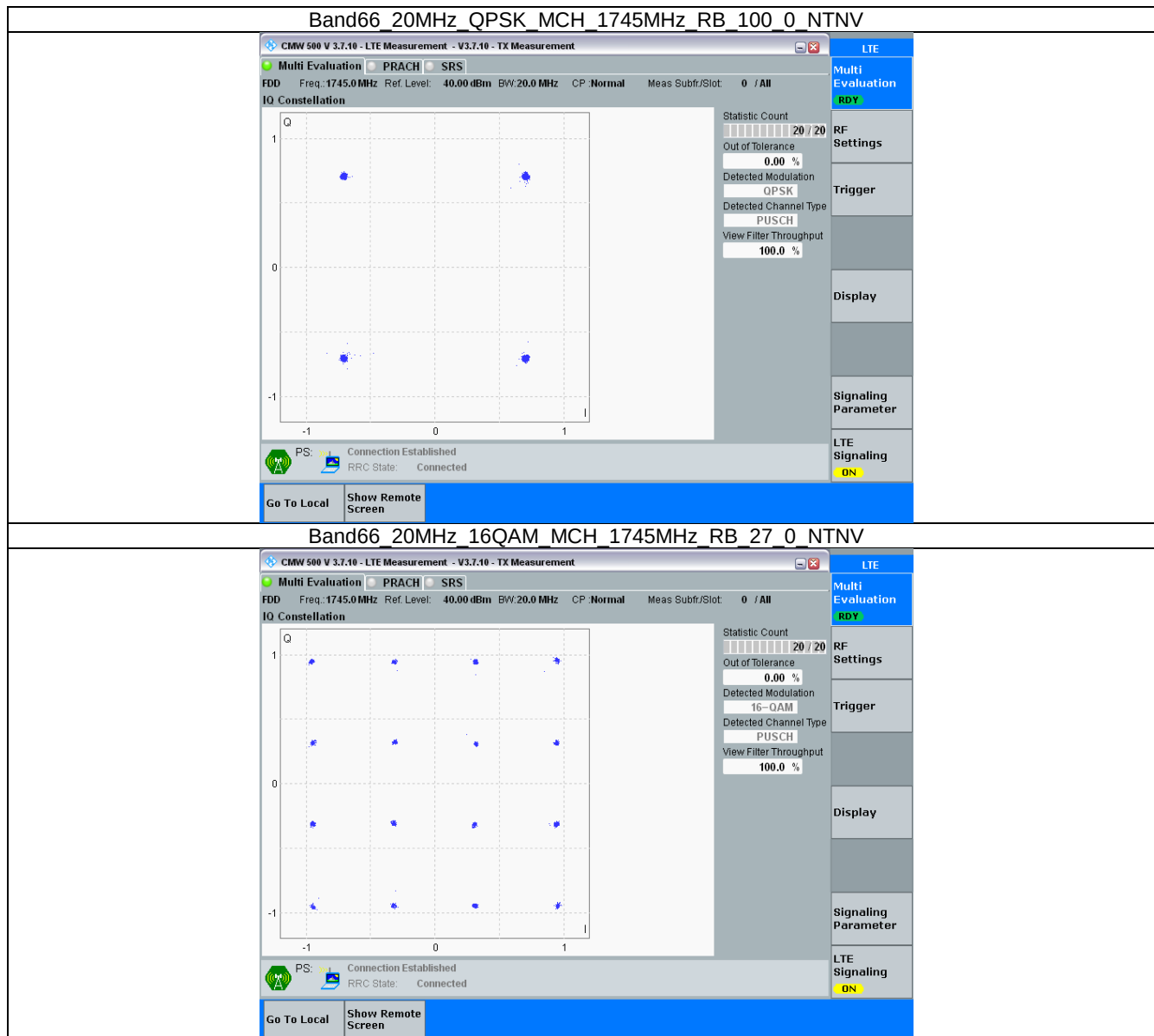
3.2.4 B66_10MHz



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	1.176	/	Pass
		1745	6	0	1.189	/	Pass
		1779.3	6	0	1.188	/	Pass
	16QAM	1710.7	6	0	1.188	/	Pass
		1745	6	0	1.177	/	Pass
		1779.3	6	0	1.171	/	Pass
3	QPSK	1711.5	15	0	2.739	/	Pass
		1745	15	0	2.735	/	Pass
		1778.5	15	0	2.732	/	Pass
	16QAM	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.736	/	Pass
		1778.5	15	0	2.735	/	Pass
5	QPSK	1712.5	25	0	4.575	/	Pass
		1745	25	0	4.575	/	Pass
		1777.5	25	0	4.576	/	Pass
	16QAM	1712.5	25	0	4.574	/	Pass
		1745	25	0	4.574	/	Pass
		1777.5	25	0	4.557	/	Pass
10	QPSK	1715	50	0	9.068	/	Pass
		1745	50	0	9.049	/	Pass
		1775	50	0	9.081	/	Pass
	16QAM	1715	27	0	5.018	/	Pass
		1745	27	0	4.984	/	Pass
		1775	27	23	4.977	/	Pass
15	QPSK	1717.5	75	0	14.060	/	Pass
		1745	75	0	14.164	/	Pass
		1772.5	75	0	14.157	/	Pass
	16QAM	1717.5	27	0	5.062	/	Pass
		1745	27	0	5.007	/	Pass
		1772.5	27	48	5.041	/	Pass
20	QPSK	1720	100	0	18.423	/	Pass
		1745	100	0	18.491	/	Pass
		1770	100	0	18.438	/	Pass
	16QAM	1720	27	0	5.035	/	Pass
		1745	27	0	5.023	/	Pass
		1770	27	73	5.015	/	Pass

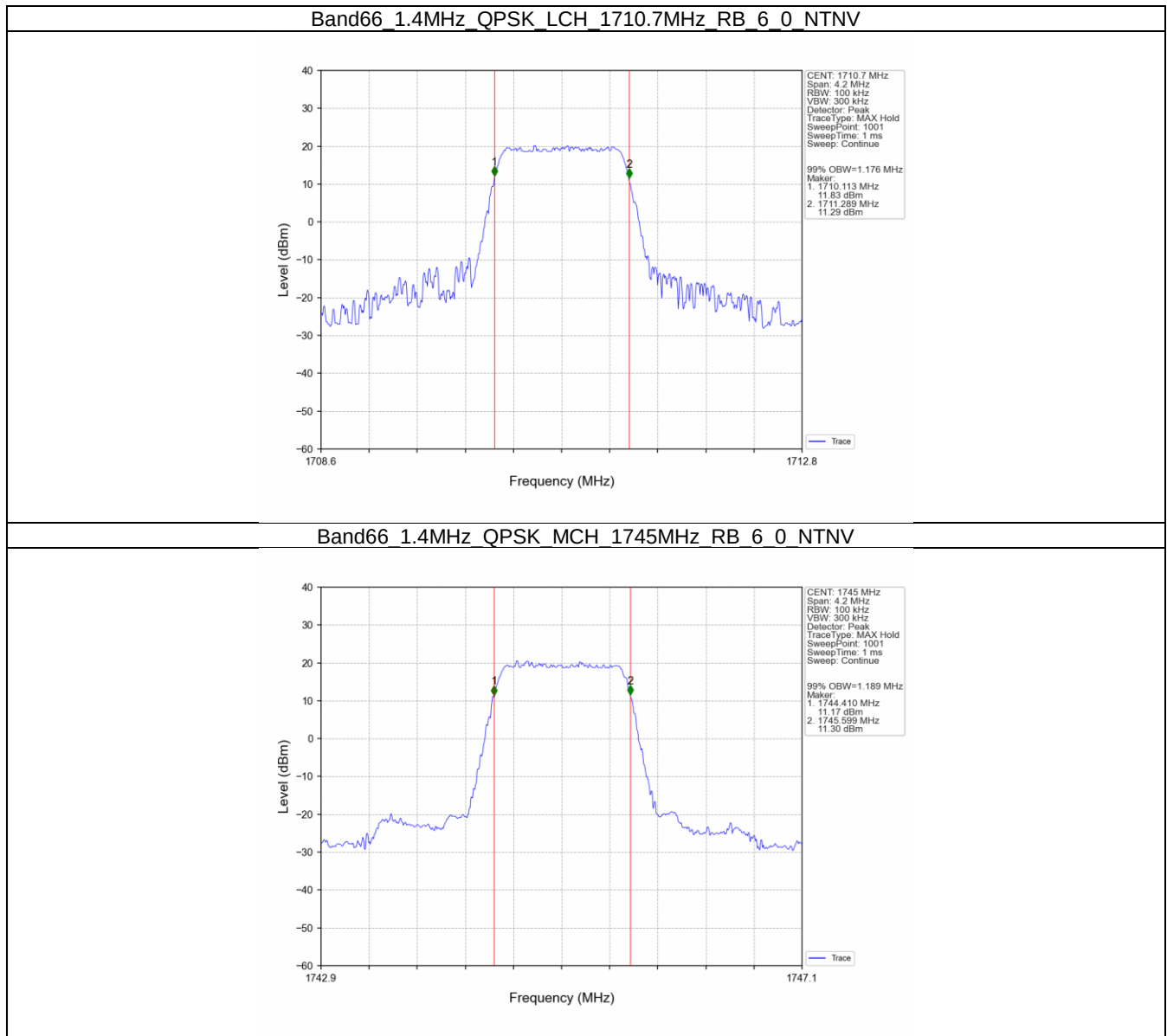
4.1.2 Band66_XDB

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	1.422	/	Pass
		1745	6	0	1.427	/	Pass
		1779.3	6	0	1.412	/	Pass

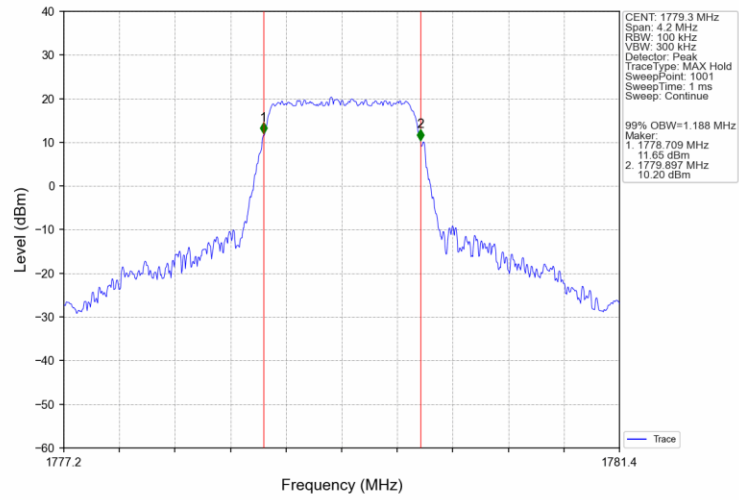
	16QAM	1710.7	6	0	1.445	/	Pass
		1745	6	0	1.415	/	Pass
		1779.3	6	0	1.397	/	Pass
3	QPSK	1711.5	15	0	3.035	/	Pass
		1745	15	0	3.009	/	Pass
		1778.5	15	0	3.039	/	Pass
	16QAM	1711.5	15	0	3.015	/	Pass
		1745	15	0	3.036	/	Pass
		1778.5	15	0	3.042	/	Pass
5	QPSK	1712.5	25	0	5.154	/	Pass
		1745	25	0	5.121	/	Pass
		1777.5	25	0	5.174	/	Pass
	16QAM	1712.5	25	0	5.159	/	Pass
		1745	25	0	5.168	/	Pass
		1777.5	25	0	5.120	/	Pass
10	QPSK	1715	50	0	9.988	/	Pass
		1745	50	0	9.946	/	Pass
		1775	50	0	10.045	/	Pass
	16QAM	1715	27	0	6.012	/	Pass
		1745	27	0	5.965	/	Pass
		1775	27	23	5.978	/	Pass
15	QPSK	1717.5	75	0	15.834	/	Pass
		1745	75	0	15.869	/	Pass
		1772.5	75	0	15.931	/	Pass
	16QAM	1717.5	27	0	6.334	/	Pass
		1745	27	0	6.225	/	Pass
		1772.5	27	48	6.096	/	Pass
20	QPSK	1720	100	0	20.385	/	Pass
		1745	100	0	20.445	/	Pass
		1770	100	0	20.274	/	Pass
	16QAM	1720	27	0	6.402	/	Pass
		1745	27	0	6.104	/	Pass
		1770	27	73	6.221	/	Pass

4.2 Test Graph

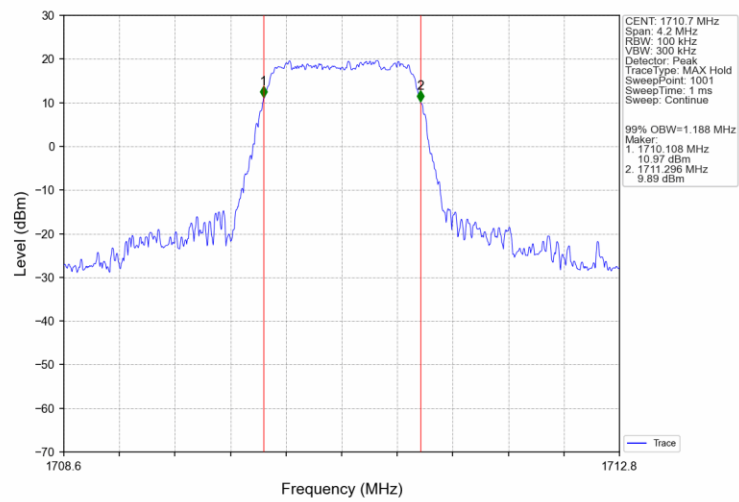
4.2.1 Band66_OBW



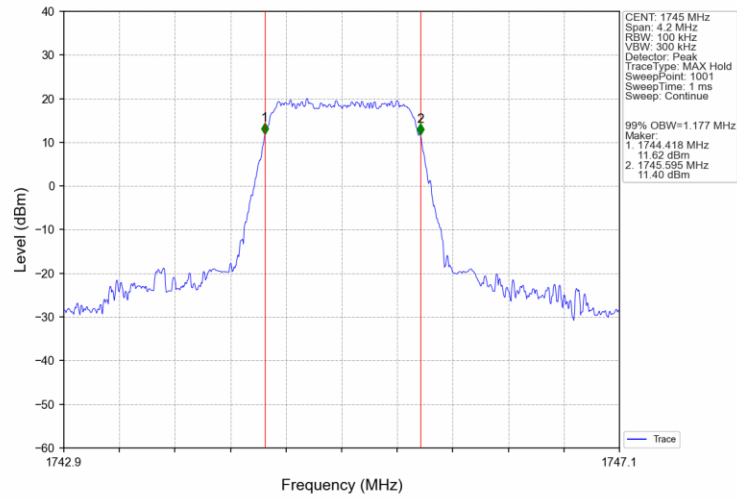
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



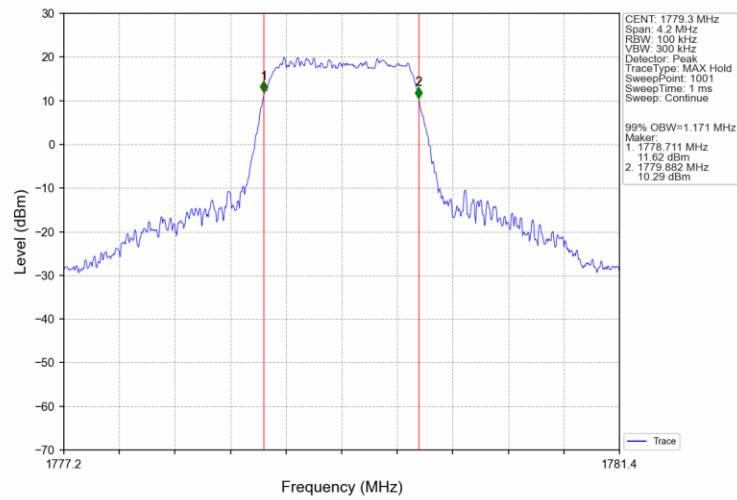
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



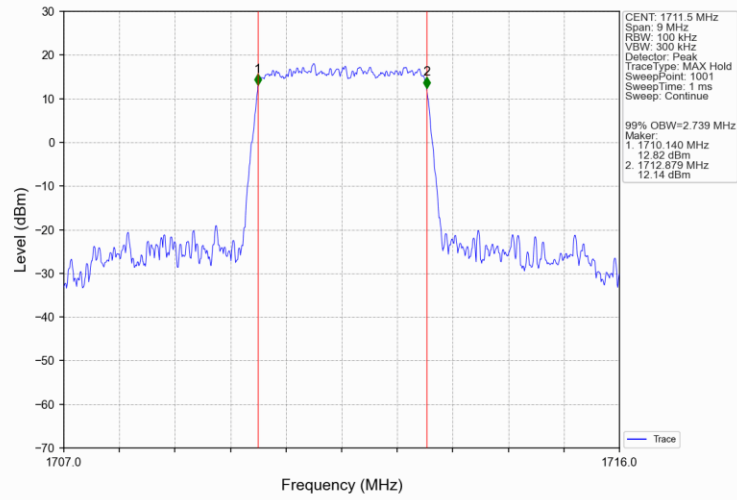
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



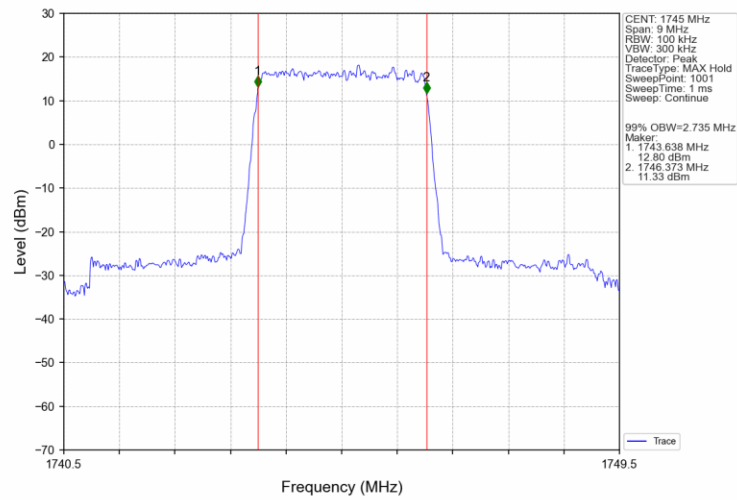
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



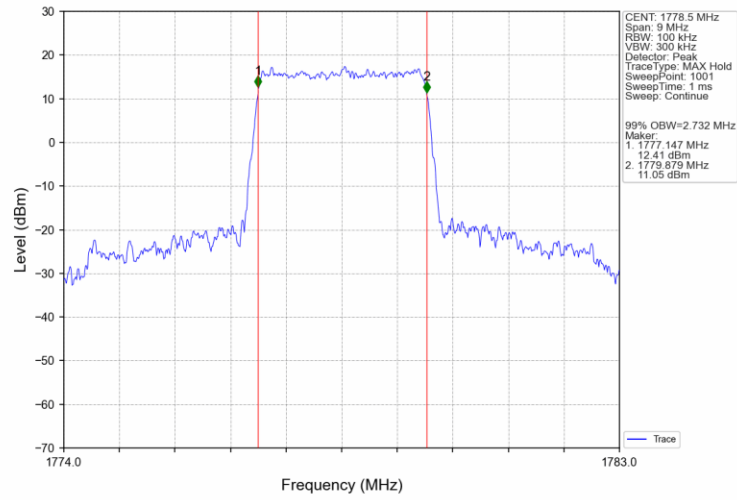
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



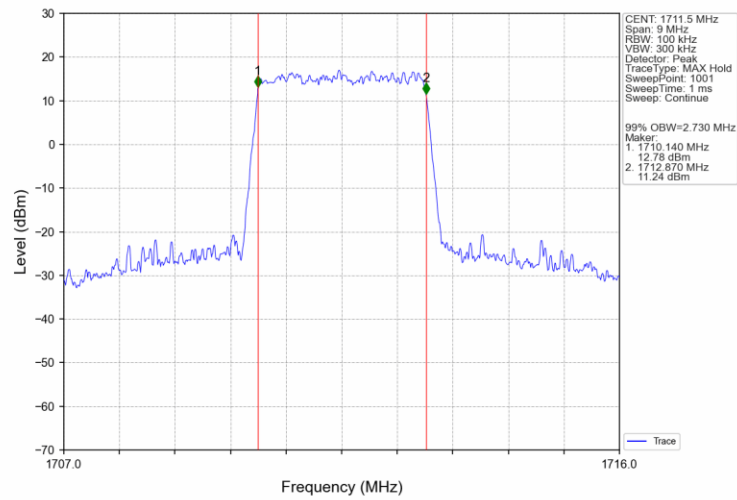
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



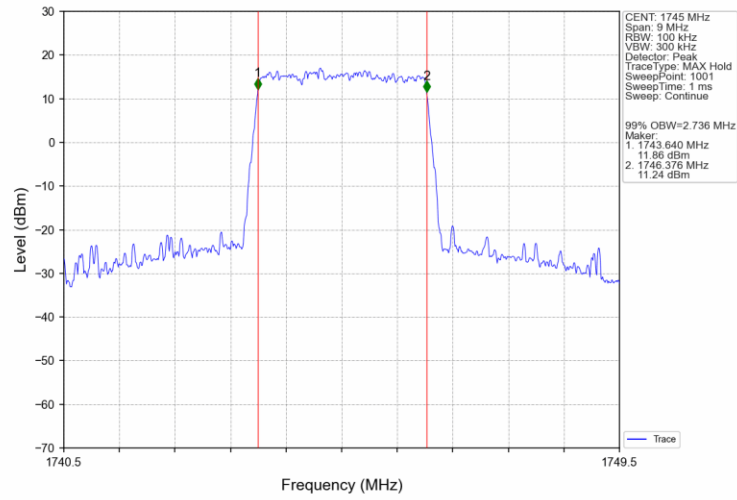
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



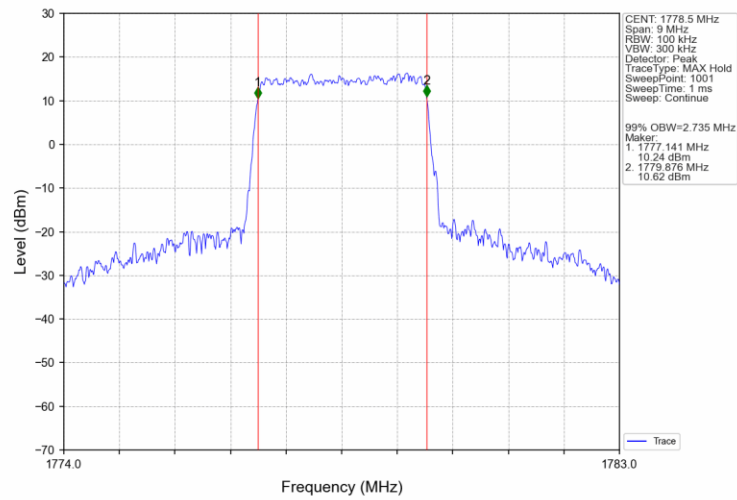
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



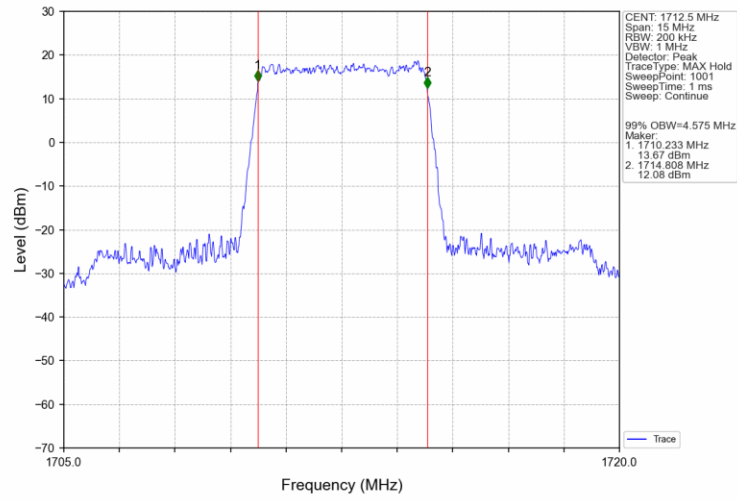
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



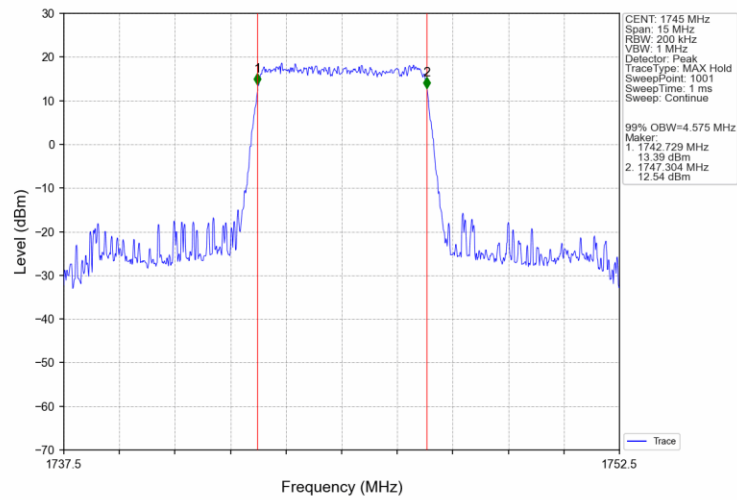
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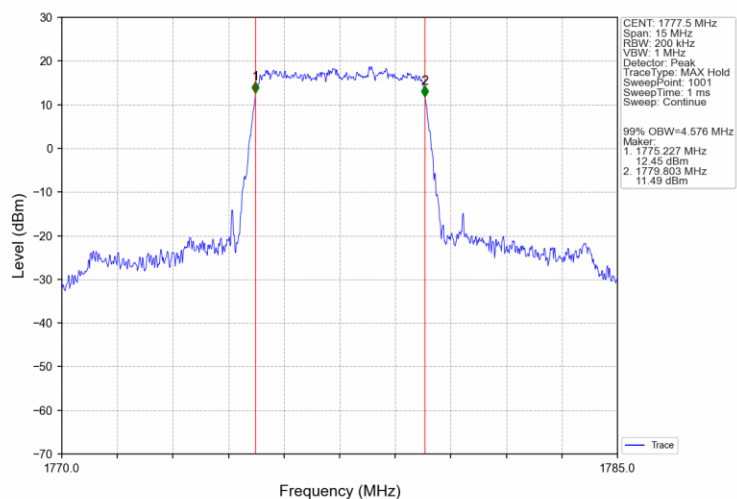
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



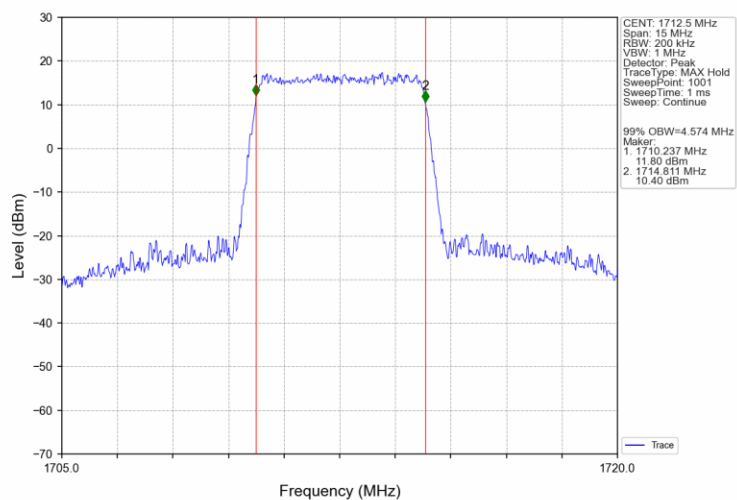
Band66 5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



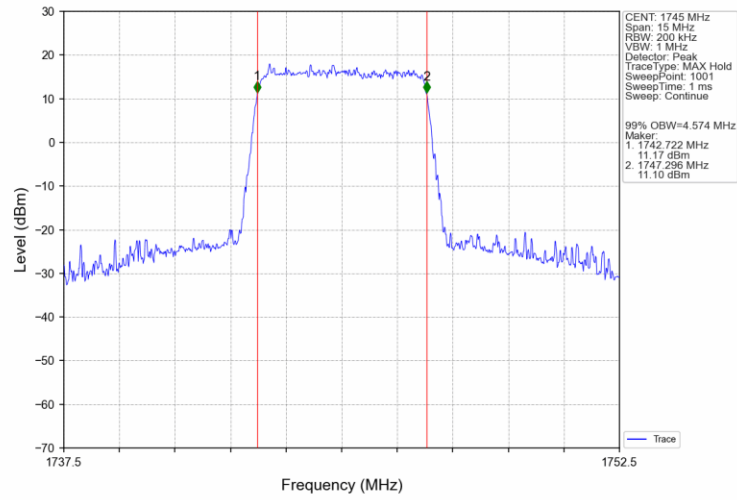
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



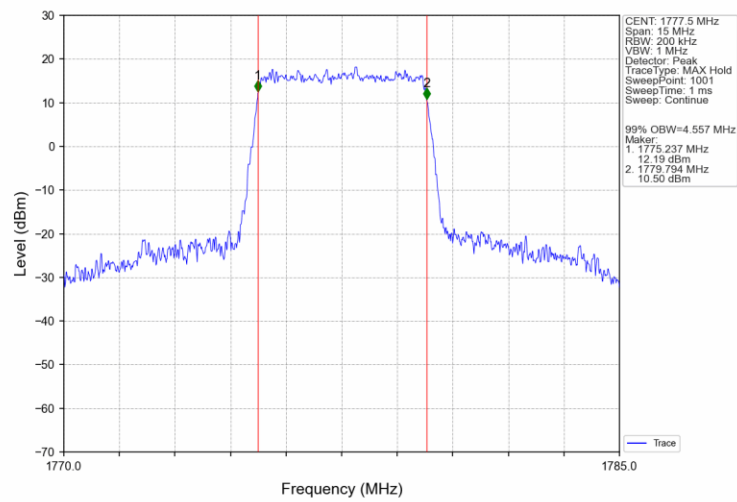
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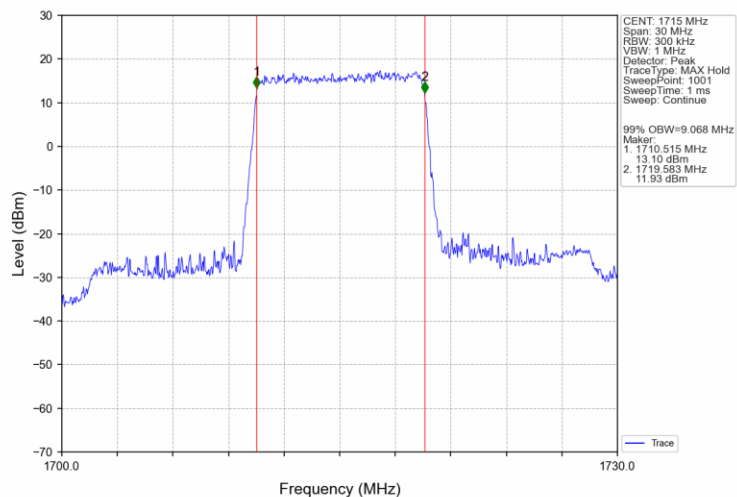
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



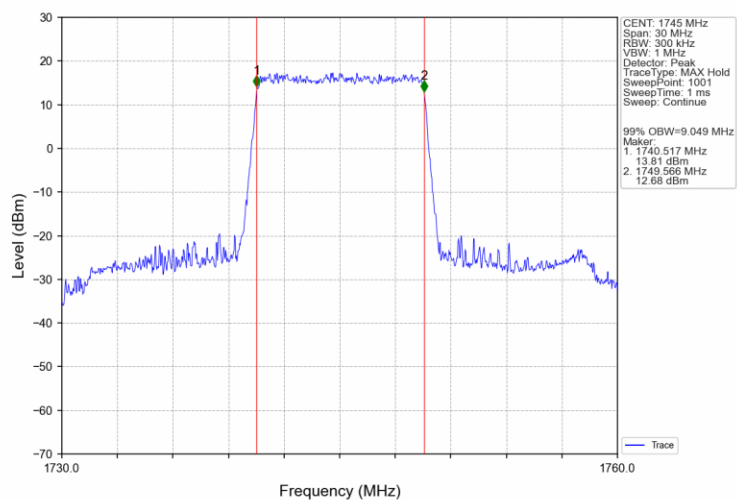
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



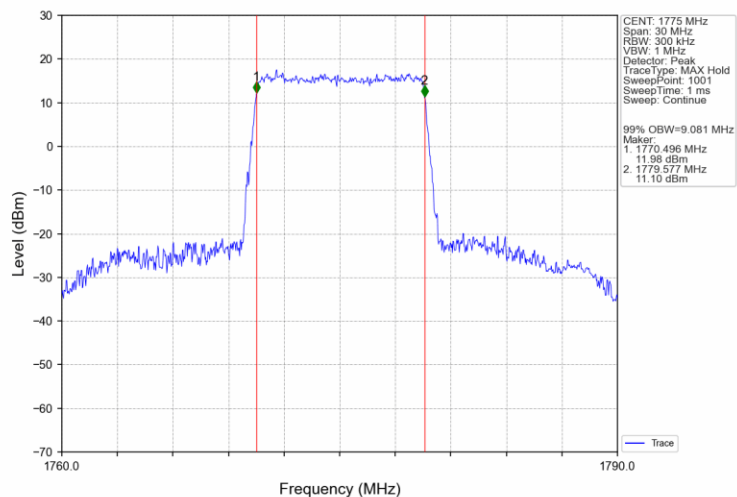
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



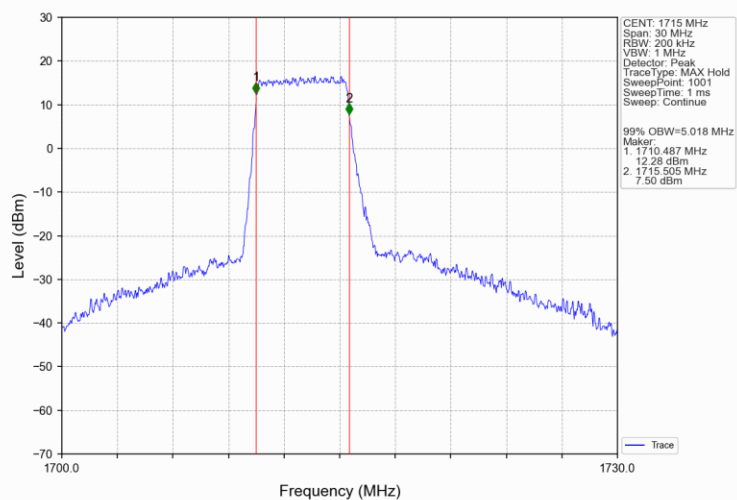
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



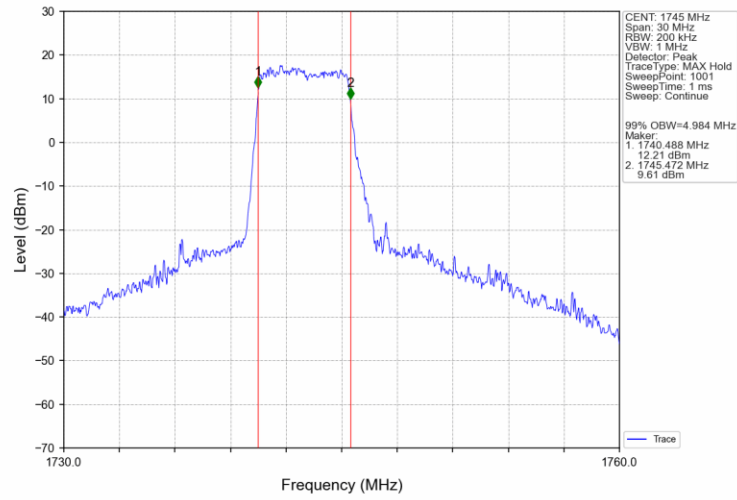
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



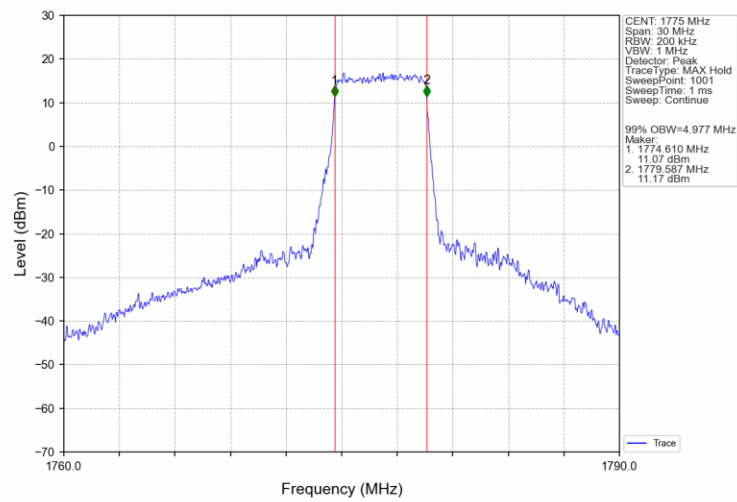
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



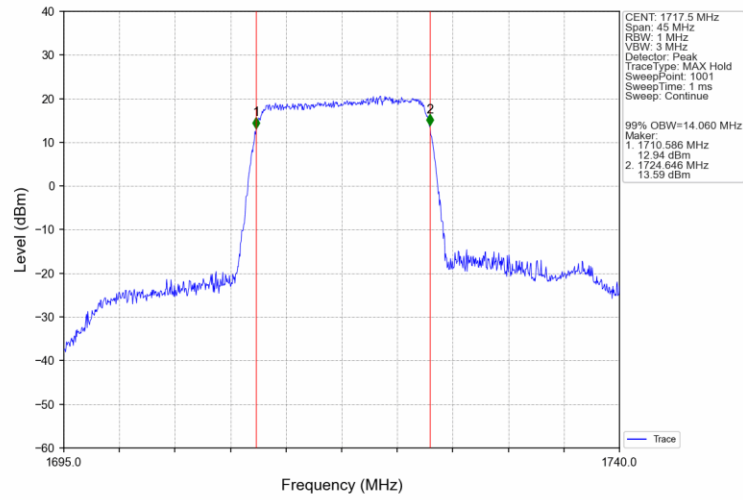
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



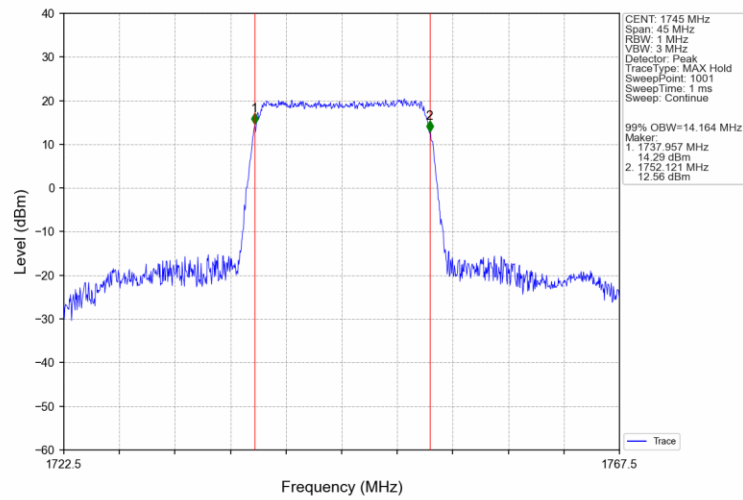
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



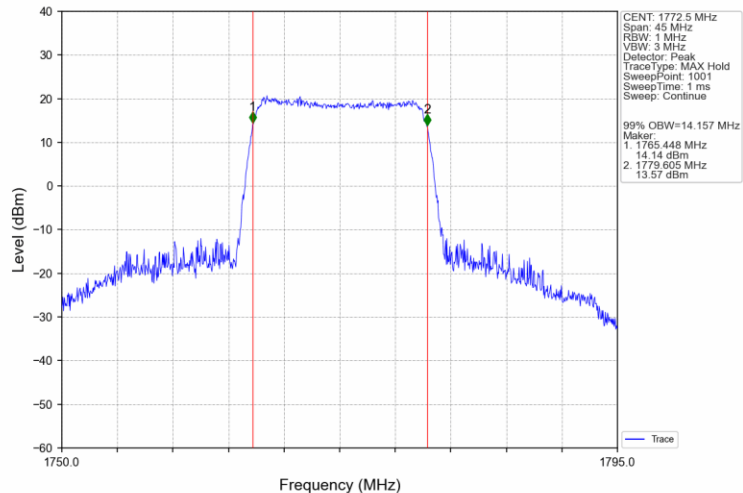
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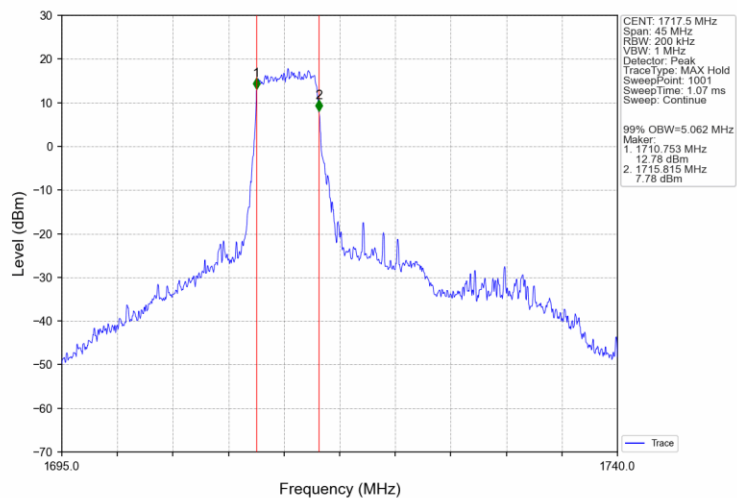
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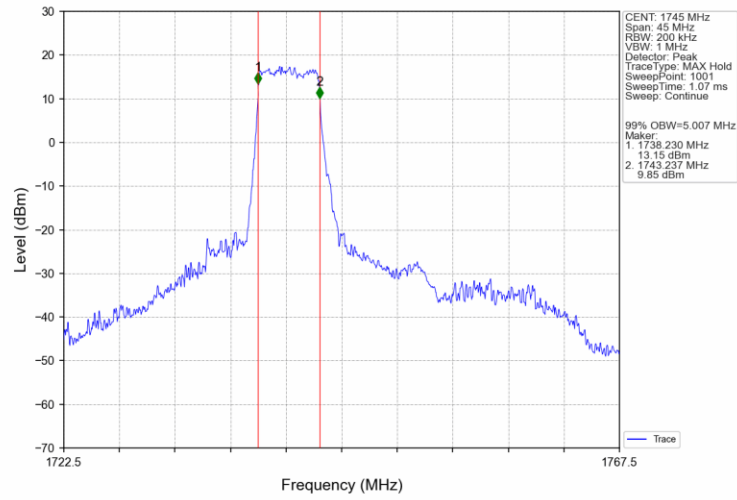
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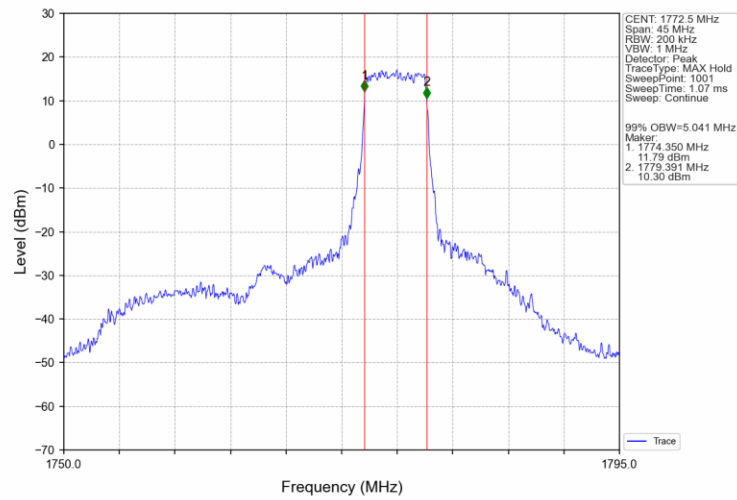
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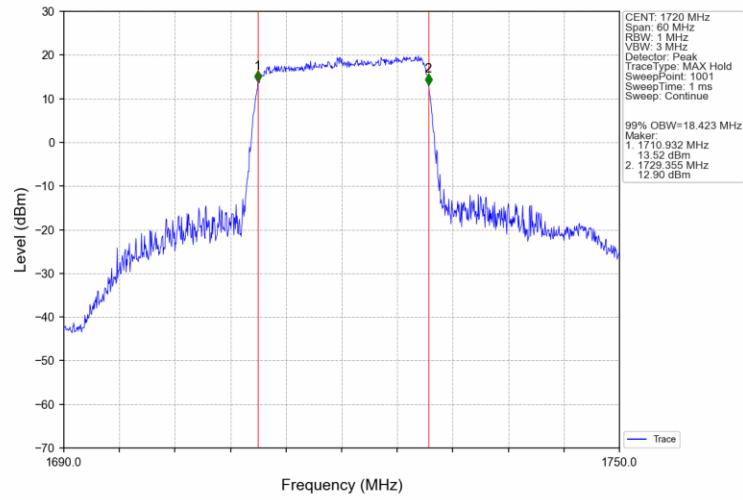
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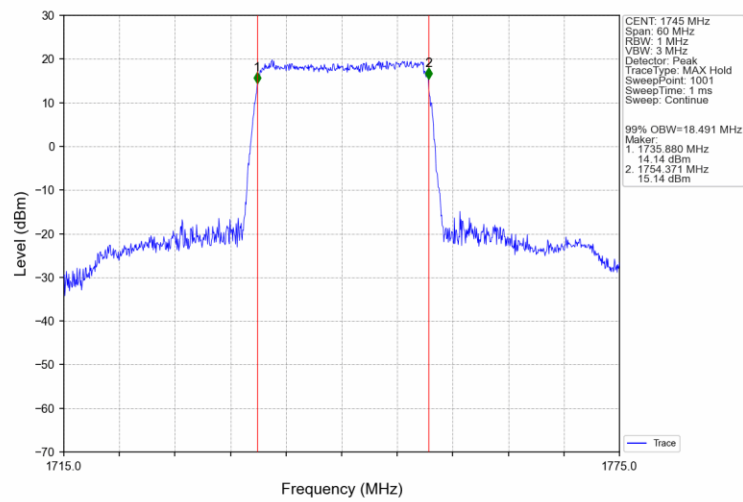
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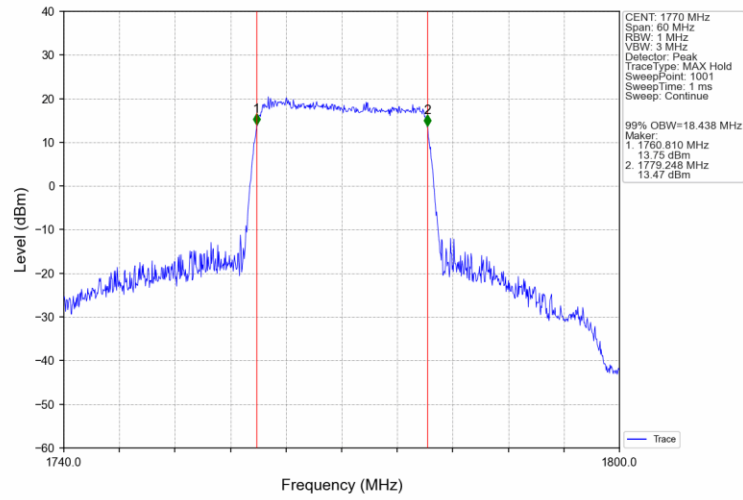
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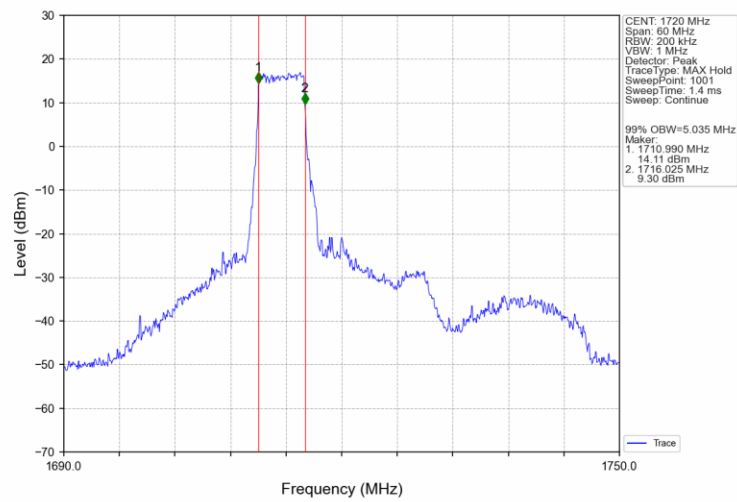
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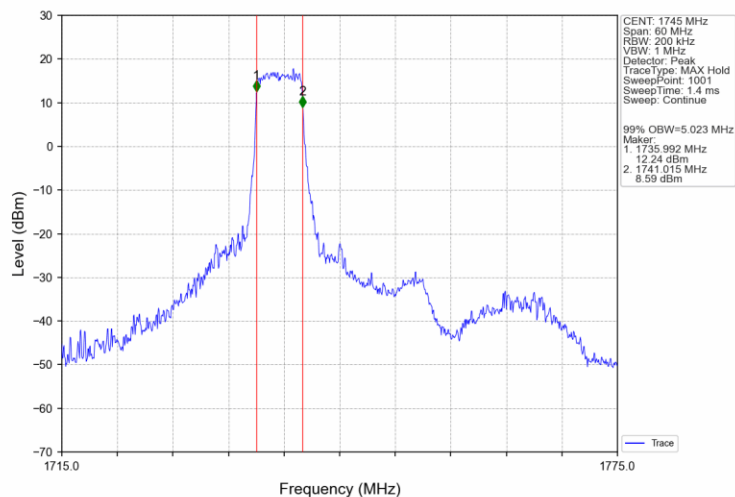
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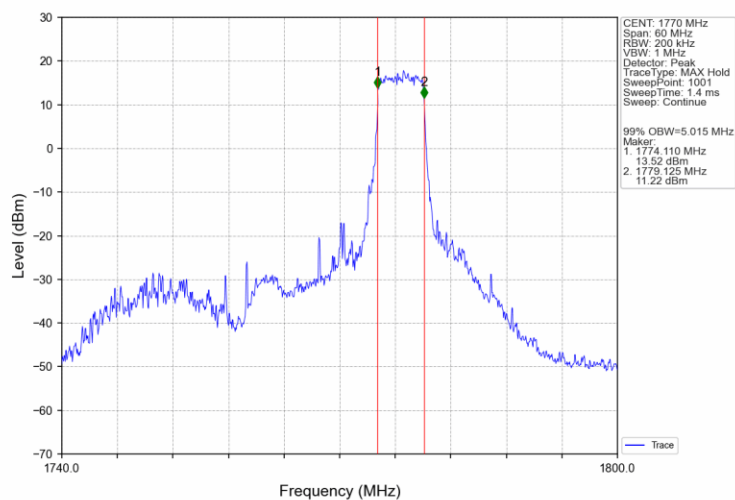
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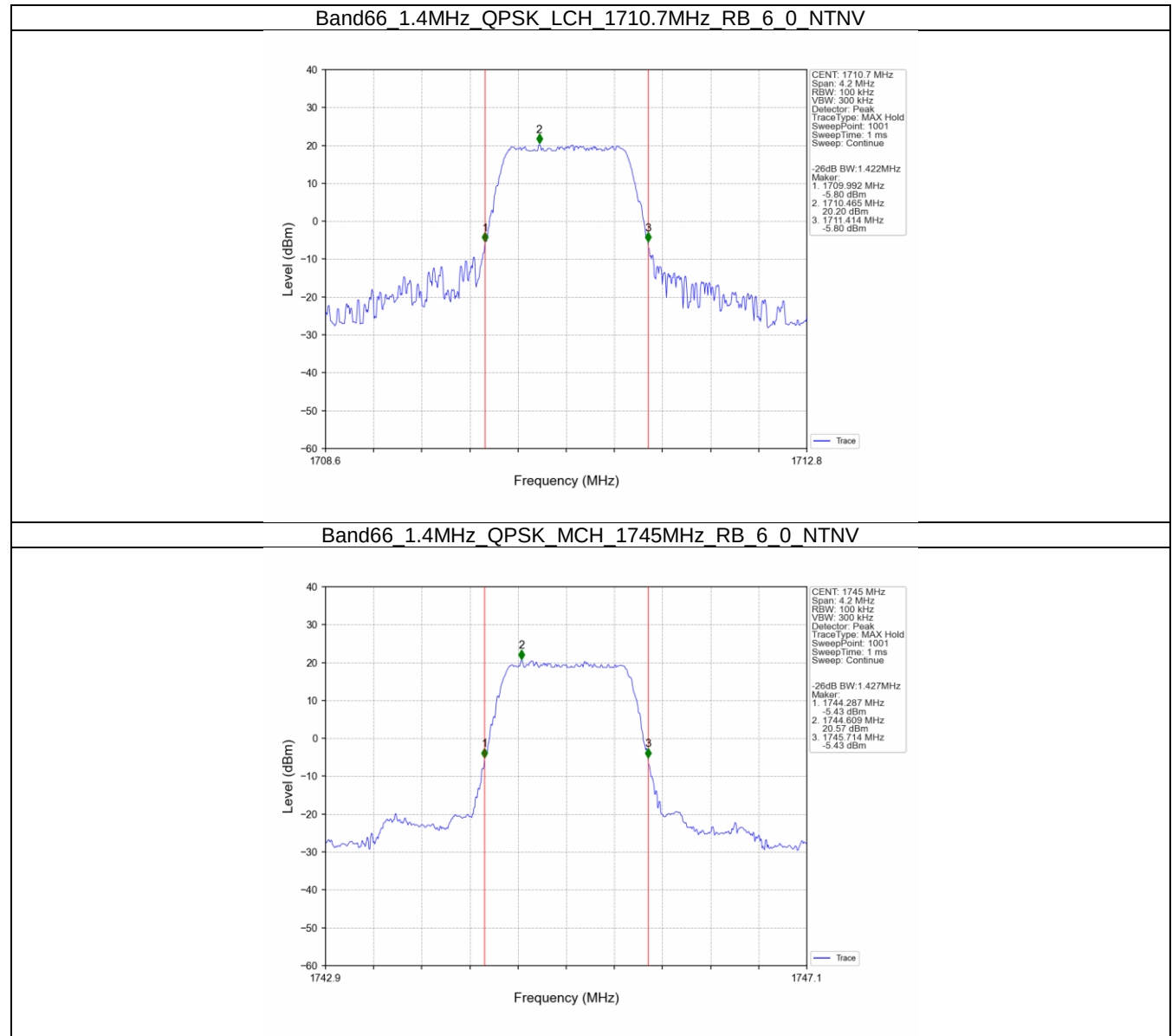
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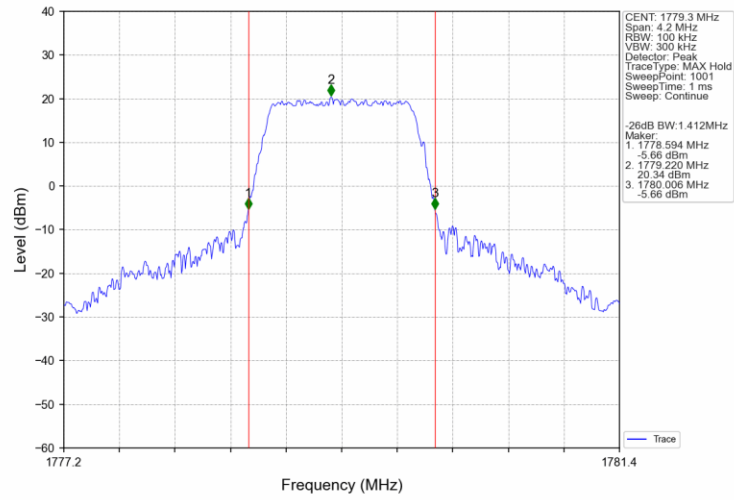
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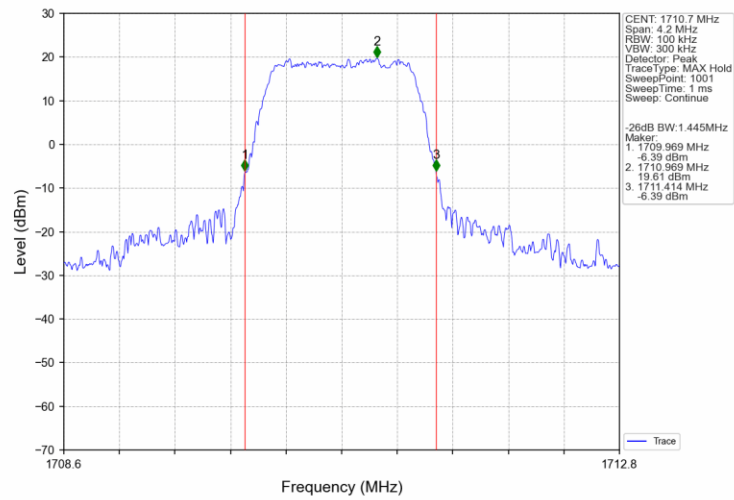
4.2.2 Band66_XDB



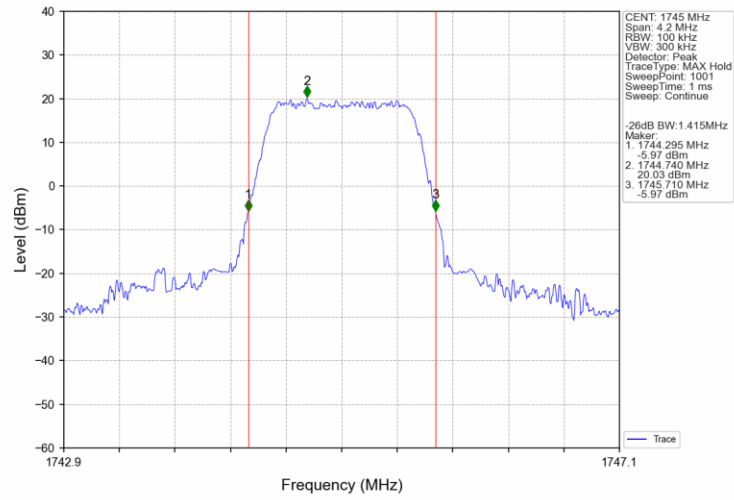
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



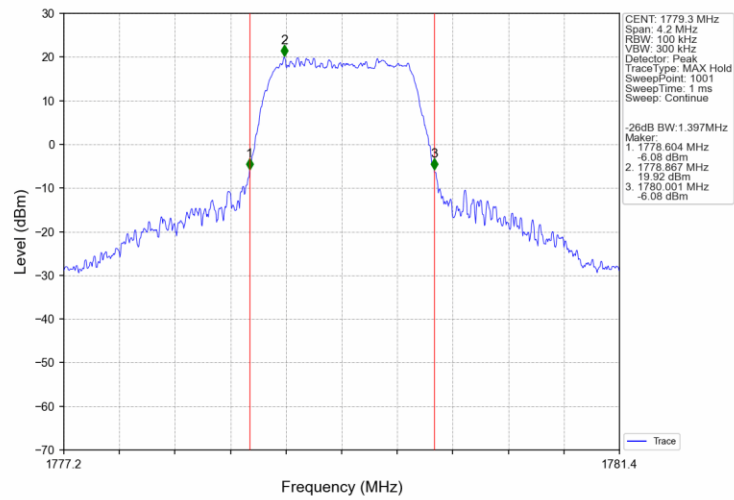
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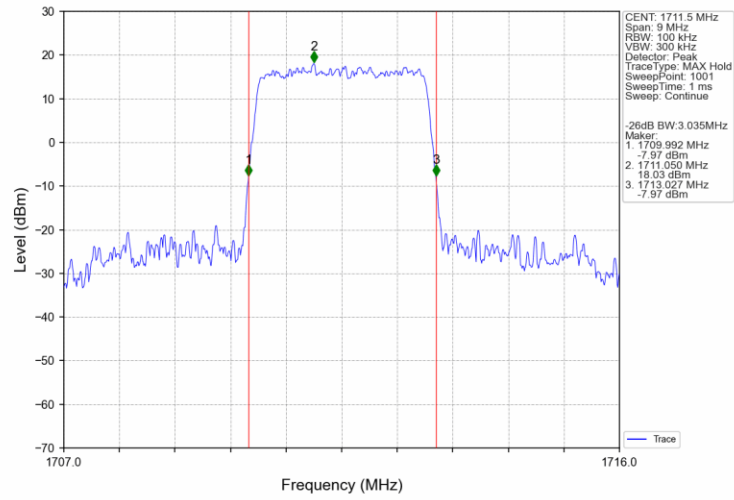
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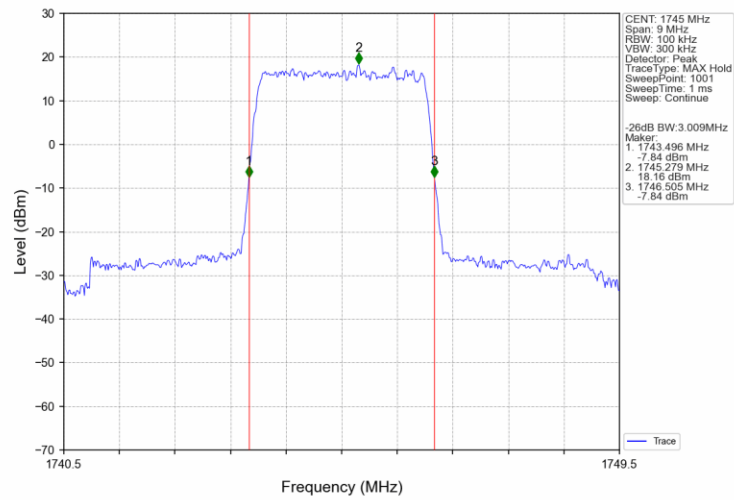
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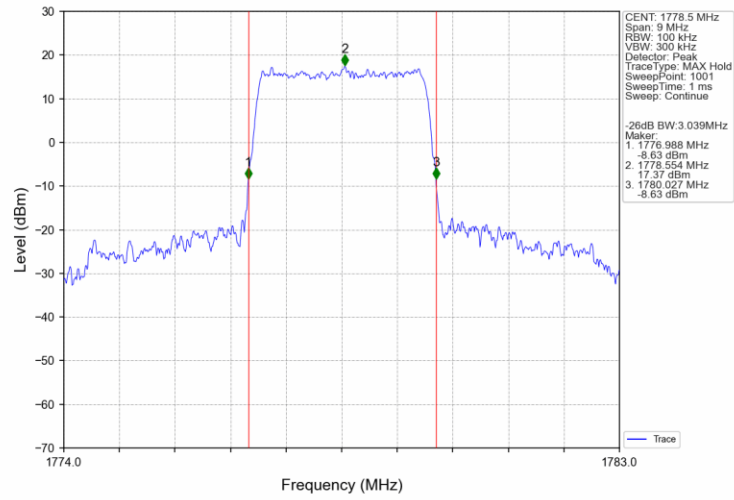
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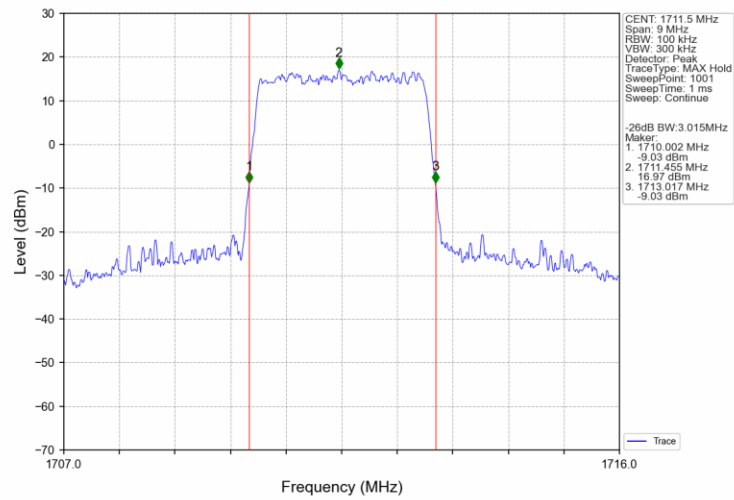
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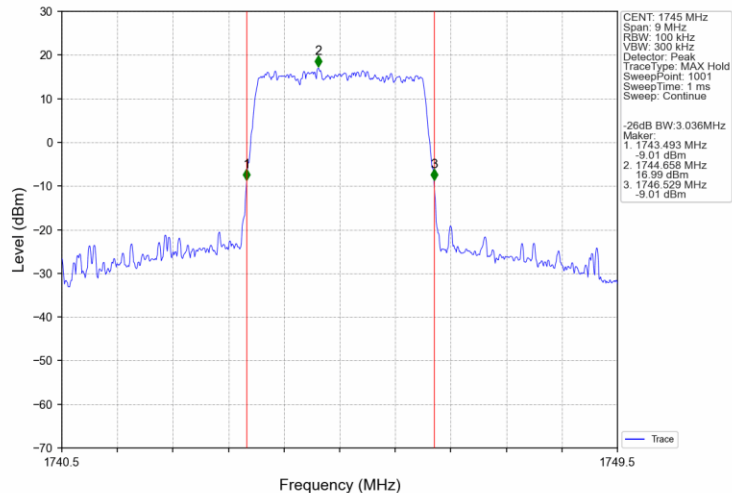
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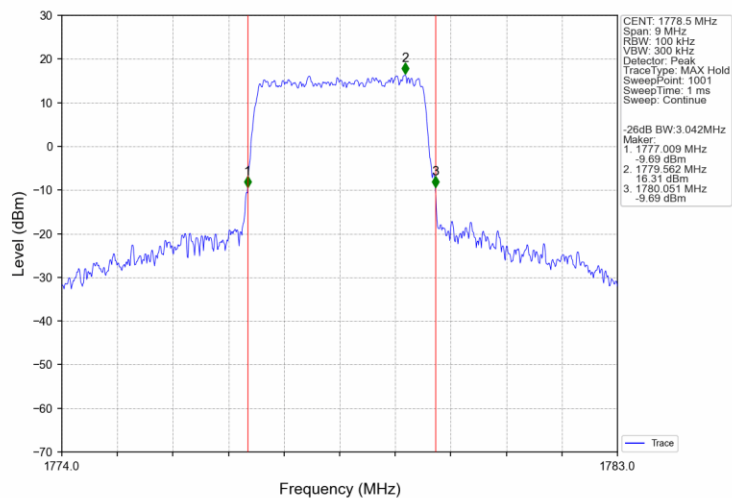
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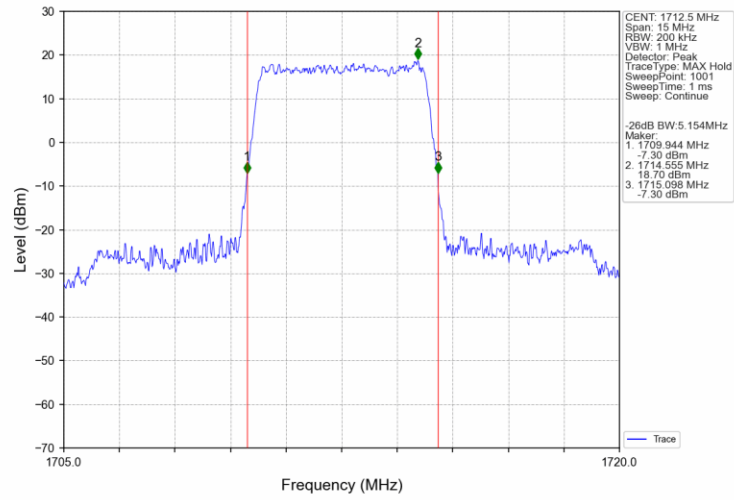
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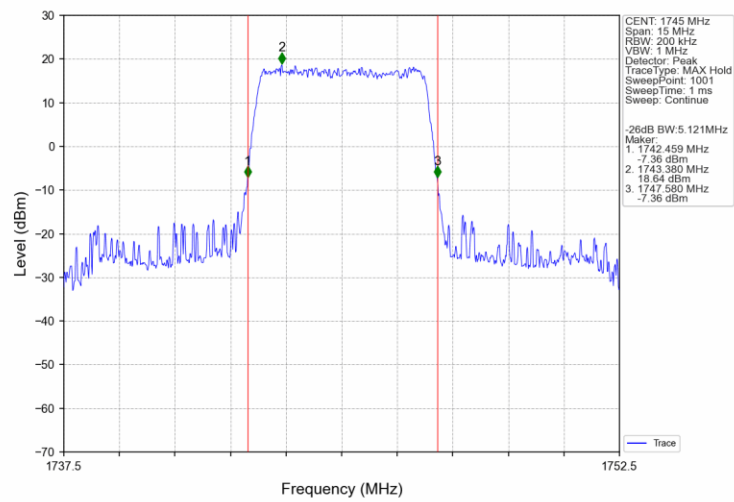
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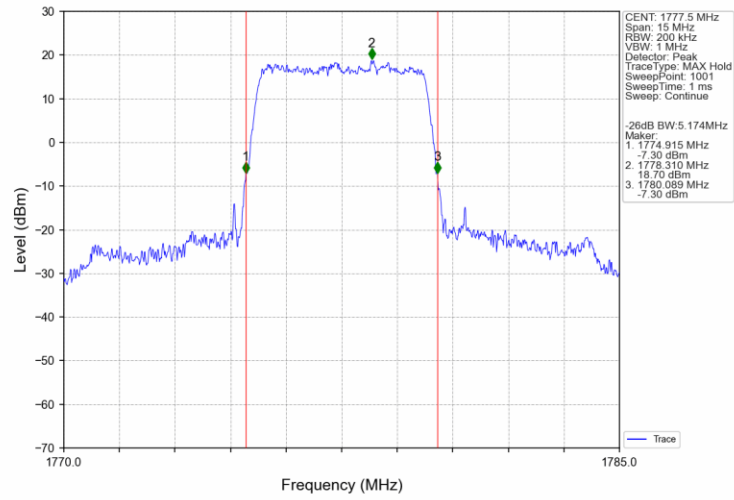
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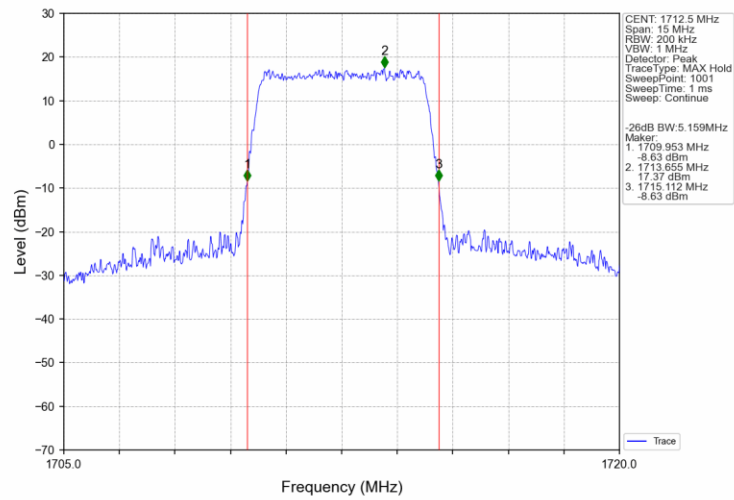
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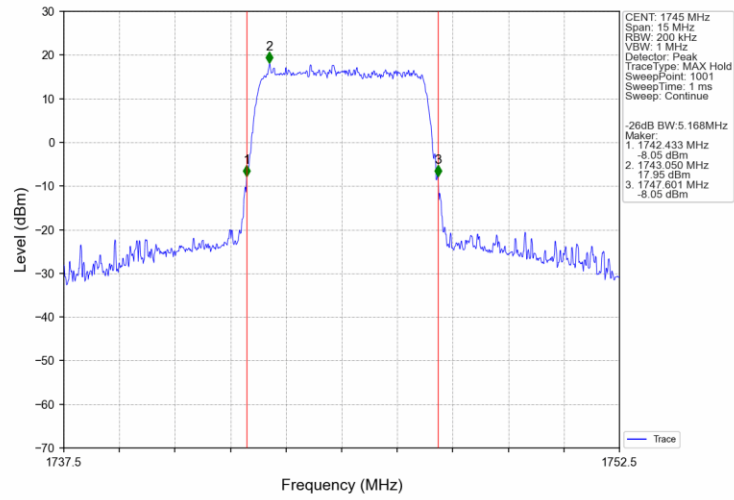
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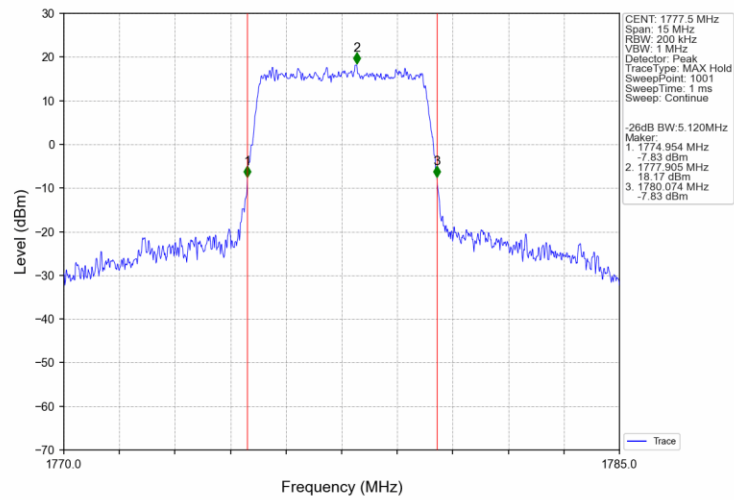
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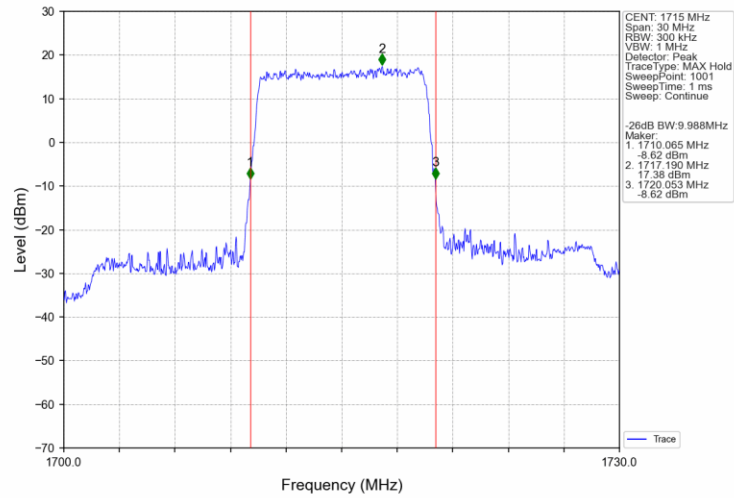
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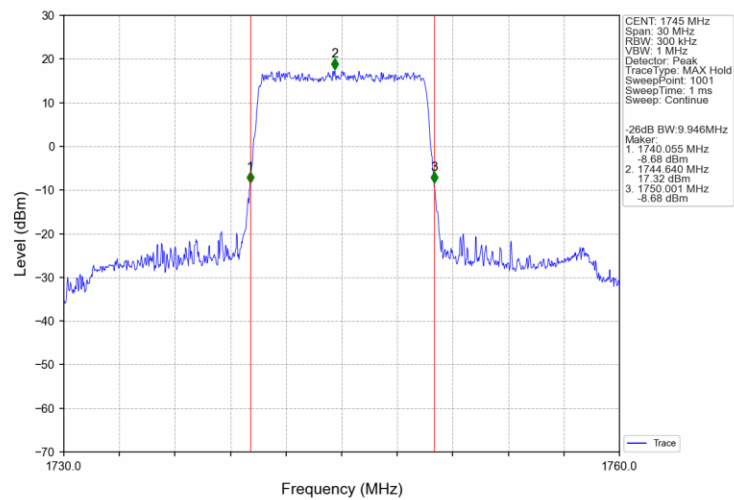
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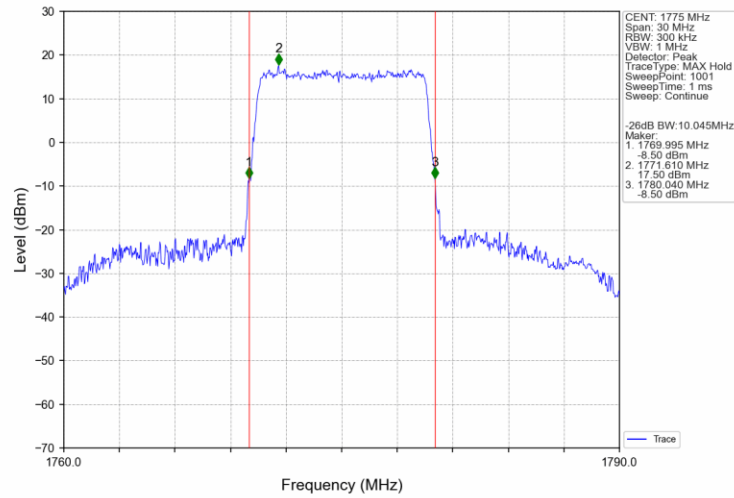
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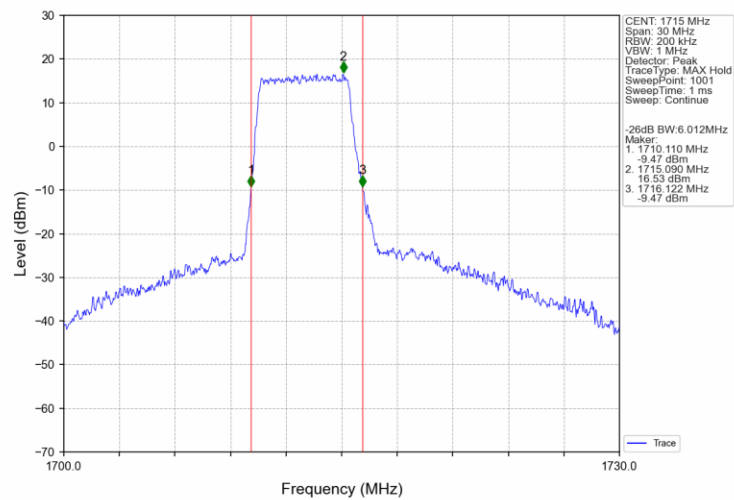
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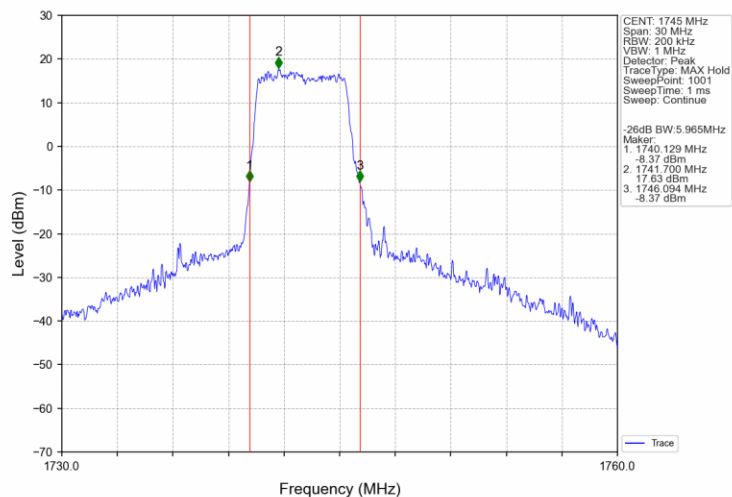
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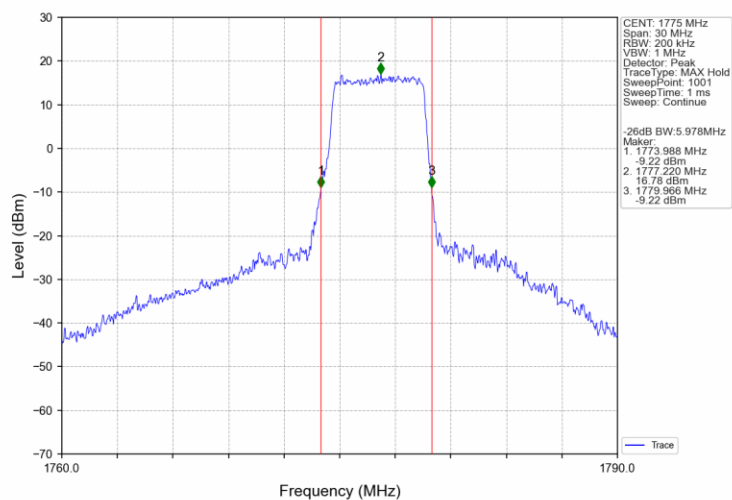
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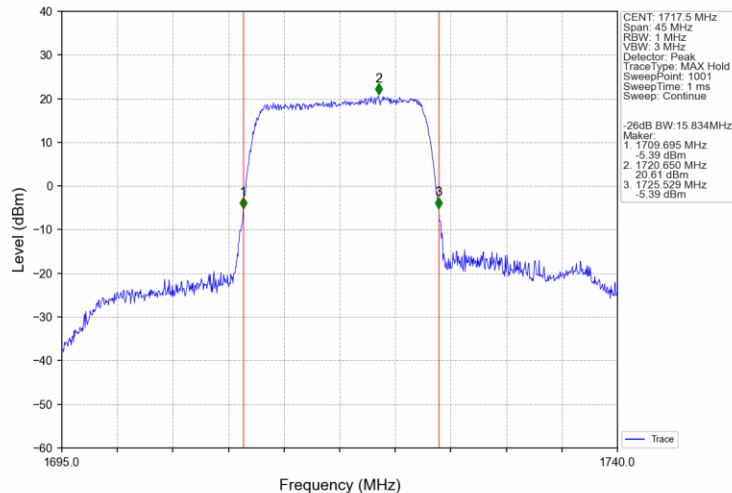
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

