

Appendix Test Data for LTE_band_66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.17	0.29	22.46	<=30	Pass
			2	22.20	0.29	22.49	<=30	Pass
			5	22.18	0.29	22.47	<=30	Pass
		3	0	22.72	0.29	23.01	<=30	Pass
			2	22.73	0.29	23.02	<=30	Pass
			3	22.74	0.29	23.03	<=30	Pass
		6	0	21.72	0.29	22.01	<=30	Pass
	1745	1	0	22.19	0.29	22.48	<=30	Pass
			2	22.17	0.29	22.46	<=30	Pass
			5	22.19	0.29	22.48	<=30	Pass
		3	0	22.71	0.29	23.00	<=30	Pass
			2	22.68	0.29	22.97	<=30	Pass
			3	22.64	0.29	22.93	<=30	Pass
		6	0	21.70	0.29	21.99	<=30	Pass
	1779.3	1	0	22.16	0.29	22.45	<=30	Pass
			2	22.15	0.29	22.44	<=30	Pass
			5	22.18	0.29	22.47	<=30	Pass
		3	0	22.77	0.29	23.06	<=30	Pass
			2	22.77	0.29	23.06	<=30	Pass
			3	22.75	0.29	23.04	<=30	Pass
		6	0	21.73	0.29	22.02	<=30	Pass
16QAM	1710.7	1	0	21.22	0.29	21.51	<=30	Pass
			2	21.23	0.29	21.52	<=30	Pass
			5	21.25	0.29	21.54	<=30	Pass
		3	0	21.74	0.29	22.03	<=30	Pass
			2	21.73	0.29	22.02	<=30	Pass
			3	21.72	0.29	22.01	<=30	Pass
		6	0	20.62	0.29	20.91	<=30	Pass
	1745	1	0	21.38	0.29	21.67	<=30	Pass
			2	21.36	0.29	21.65	<=30	Pass
			5	21.33	0.29	21.62	<=30	Pass
		3	0	21.70	0.29	21.99	<=30	Pass
			2	21.67	0.29	21.96	<=30	Pass
			3	21.65	0.29	21.94	<=30	Pass
		6	0	20.73	0.29	21.02	<=30	Pass
	1779.3	1	0	21.25	0.29	21.54	<=30	Pass
			2	21.23	0.29	21.52	<=30	Pass
			5	21.25	0.29	21.54	<=30	Pass
		3	0	21.89	0.29	22.18	<=30	Pass
			2	21.93	0.29	22.22	<=30	Pass
			3	21.94	0.29	22.23	<=30	Pass
		6	0	20.74	0.29	21.03	<=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	22.16	0.29	22.45	<=30	Pass
			7	22.20	0.29	22.49	<=30	Pass
			14	22.22	0.29	22.51	<=30	Pass
		8	0	21.67	0.29	21.96	<=30	Pass
			4	21.66	0.29	21.95	<=30	Pass
			7	21.69	0.29	21.98	<=30	Pass
		15	0	21.71	0.29	22.00	<=30	Pass
	1745	1	0	22.13	0.29	22.42	<=30	Pass
			7	22.11	0.29	22.40	<=30	Pass
			14	22.05	0.29	22.34	<=30	Pass
		8	0	21.62	0.29	21.91	<=30	Pass
			4	21.57	0.29	21.86	<=30	Pass
			7	21.57	0.29	21.86	<=30	Pass
		15	0	21.59	0.29	21.88	<=30	Pass
	1778.5	1	0	22.23	0.29	22.52	<=30	Pass
			7	22.26	0.29	22.55	<=30	Pass
			14	22.22	0.29	22.51	<=30	Pass
		8	0	21.69	0.29	21.98	<=30	Pass
			4	21.70	0.29	21.99	<=30	Pass
			7	21.68	0.29	21.97	<=30	Pass
		15	0	21.72	0.29	22.01	<=30	Pass
16QAM	1711.5	1	0	21.17	0.29	21.46	<=30	Pass
			7	21.22	0.29	21.51	<=30	Pass
			14	21.18	0.29	21.47	<=30	Pass
		8	0	20.73	0.29	21.02	<=30	Pass
			4	20.73	0.29	21.02	<=30	Pass
			7	20.76	0.29	21.05	<=30	Pass
		15	0	20.76	0.29	21.05	<=30	Pass
	1745	1	0	21.32	0.29	21.61	<=30	Pass
			7	21.29	0.29	21.58	<=30	Pass
			14	21.21	0.29	21.50	<=30	Pass
		8	0	20.61	0.29	20.90	<=30	Pass
			4	20.56	0.29	20.85	<=30	Pass
			7	20.57	0.29	20.86	<=30	Pass
		15	0	20.55	0.29	20.84	<=30	Pass
	1778.5	1	0	21.76	0.29	22.05	<=30	Pass
			7	21.76	0.29	22.05	<=30	Pass
			14	21.69	0.29	21.98	<=30	Pass
		8	0	20.90	0.29	21.19	<=30	Pass
			4	20.90	0.29	21.19	<=30	Pass
			7	20.90	0.29	21.19	<=30	Pass
		15	0	20.79	0.29	21.08	<=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	22.23	0.29	22.52	<=30	Pass
			13	22.25	0.29	22.54	<=30	Pass
			24	22.29	0.29	22.58	<=30	Pass
		12	0	21.67	0.29	21.96	<=30	Pass
			6	21.72	0.29	22.01	<=30	Pass
			13	21.71	0.29	22.00	<=30	Pass
		25	0	21.74	0.29	22.03	<=30	Pass
	1745	1	0	22.15	0.29	22.44	<=30	Pass
			13	22.13	0.29	22.42	<=30	Pass
			24	22.13	0.29	22.42	<=30	Pass
		12	0	21.65	0.29	21.94	<=30	Pass
			6	21.63	0.29	21.92	<=30	Pass
			13	21.54	0.29	21.83	<=30	Pass
		25	0	21.60	0.29	21.89	<=30	Pass
	1777.5	1	0	22.28	0.29	22.57	<=30	Pass
			13	22.36	0.29	22.65	<=30	Pass
			24	22.40	0.29	22.69	<=30	Pass
		12	0	21.70	0.29	21.99	<=30	Pass
			6	21.71	0.29	22.00	<=30	Pass
			13	21.74	0.29	22.03	<=30	Pass
		25	0	21.76	0.29	22.05	<=30	Pass
16QAM	1712.5	1	0	21.28	0.29	21.57	<=30	Pass
			13	21.32	0.29	21.61	<=30	Pass
			24	21.36	0.29	21.65	<=30	Pass
		12	0	20.65	0.29	20.94	<=30	Pass
			6	20.70	0.29	20.99	<=30	Pass
			13	20.71	0.29	21.00	<=30	Pass
		25	0	20.76	0.29	21.05	<=30	Pass
	1745	1	0	21.44	0.29	21.73	<=30	Pass
			13	21.37	0.29	21.66	<=30	Pass
			24	21.35	0.29	21.64	<=30	Pass
		12	0	20.70	0.29	20.99	<=30	Pass
			6	20.65	0.29	20.94	<=30	Pass
			13	20.57	0.29	20.86	<=30	Pass
		25	0	20.60	0.29	20.89	<=30	Pass
	1777.5	1	0	21.05	0.29	21.34	<=30	Pass
			13	21.07	0.29	21.36	<=30	Pass
			24	21.10	0.29	21.39	<=30	Pass
		12	0	20.70	0.29	20.99	<=30	Pass
			6	20.71	0.29	21.00	<=30	Pass
			13	20.70	0.29	20.99	<=30	Pass
		25	0	20.75	0.29	21.04	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.14	0.29	22.43	<=30	Pass
			25	22.24	0.29	22.53	<=30	Pass
			49	22.23	0.29	22.52	<=30	Pass
		25	0	21.68	0.29	21.97	<=30	Pass
			13	21.75	0.29	22.04	<=30	Pass
			25	21.84	0.29	22.13	<=30	Pass
		50	0	21.81	0.29	22.10	<=30	Pass
	1745	1	0	22.15	0.29	22.44	<=30	Pass
			25	22.16	0.29	22.45	<=30	Pass
			49	22.05	0.29	22.34	<=30	Pass
		25	0	21.72	0.29	22.01	<=30	Pass
			13	21.64	0.29	21.93	<=30	Pass
			25	21.68	0.29	21.97	<=30	Pass
		50	0	21.72	0.29	22.01	<=30	Pass
	1775	1	0	22.10	0.29	22.39	<=30	Pass
			25	22.20	0.29	22.49	<=30	Pass
			49	22.22	0.29	22.51	<=30	Pass
		25	0	21.71	0.29	22.00	<=30	Pass
			13	21.69	0.29	21.98	<=30	Pass
			25	21.79	0.29	22.08	<=30	Pass
		50	0	21.76	0.29	22.05	<=30	Pass
16QAM	1715	1	0	21.16	0.29	21.45	<=30	Pass
			25	21.25	0.29	21.54	<=30	Pass
			49	21.23	0.29	21.52	<=30	Pass
		12	0	21.72	0.29	22.01	<=30	Pass
			19	21.78	0.29	22.07	<=30	Pass
			38	21.84	0.29	22.13	<=30	Pass
		27	0	20.63	0.29	20.92	<=30	Pass
	1745	1	0	21.33	0.29	21.62	<=30	Pass
			25	21.32	0.29	21.61	<=30	Pass
			49	21.18	0.29	21.47	<=30	Pass
		12	0	21.67	0.29	21.96	<=30	Pass
			19	21.66	0.29	21.95	<=30	Pass
			38	21.62	0.29	21.91	<=30	Pass
		27	0	20.73	0.29	21.02	<=30	Pass
	1775	1	0	21.63	0.29	21.92	<=30	Pass
			25	21.73	0.29	22.02	<=30	Pass
			49	21.70	0.29	21.99	<=30	Pass
		12	0	21.69	0.29	21.98	<=30	Pass
			19	21.75	0.29	22.04	<=30	Pass
			38	21.81	0.29	22.10	<=30	Pass
		27	23	20.73	0.29	21.02	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.04	0.29	22.33	<=30	Pass
			38	22.16	0.29	22.45	<=30	Pass
			74	22.09	0.29	22.38	<=30	Pass
		36	0	21.61	0.29	21.90	<=30	Pass
			18	21.73	0.29	22.02	<=30	Pass
			39	21.79	0.29	22.08	<=30	Pass
		75	0	21.76	0.29	22.05	<=30	Pass
			0	22.11	0.29	22.40	<=30	Pass
			38	22.11	0.29	22.40	<=30	Pass
	1745	1	74	21.95	0.29	22.24	<=30	Pass
			0	21.67	0.29	21.96	<=30	Pass
			18	21.62	0.29	21.91	<=30	Pass
		36	39	21.60	0.29	21.89	<=30	Pass
			0	21.64	0.29	21.93	<=30	Pass
			0	21.99	0.29	22.28	<=30	Pass
		75	38	22.14	0.29	22.43	<=30	Pass
			74	22.15	0.29	22.44	<=30	Pass
			0	21.66	0.29	21.95	<=30	Pass
	1772.5	36	18	21.66	0.29	21.95	<=30	Pass
			39	21.74	0.29	22.03	<=30	Pass
		75	0	21.74	0.29	22.03	<=30	Pass
16QAM	1717.5	1	0	21.49	0.29	21.78	<=30	Pass
			38	21.57	0.29	21.86	<=30	Pass
			74	21.55	0.29	21.84	<=30	Pass
		12	0	21.59	0.29	21.88	<=30	Pass
			31	21.69	0.29	21.98	<=30	Pass
			63	21.69	0.29	21.98	<=30	Pass
		27	0	20.61	0.29	20.90	<=30	Pass
	1745	1	0	21.33	0.29	21.62	<=30	Pass
			38	21.31	0.29	21.60	<=30	Pass
			74	21.08	0.29	21.37	<=30	Pass
		12	0	21.64	0.29	21.93	<=30	Pass
			31	21.67	0.29	21.96	<=30	Pass
			63	21.48	0.29	21.77	<=30	Pass
		27	0	20.71	0.29	21.00	<=30	Pass
	1772.5	1	0	21.53	0.29	21.82	<=30	Pass
			38	21.72	0.29	22.01	<=30	Pass
			74	21.65	0.29	21.94	<=30	Pass
		12	0	21.65	0.29	21.94	<=30	Pass
			31	21.73	0.29	22.02	<=30	Pass
			63	21.76	0.29	22.05	<=30	Pass
		27	48	20.67	0.29	20.96	<=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	22.05	0.29	22.34	<=30	Pass
			50	22.23	0.29	22.52	<=30	Pass
			99	22.20	0.29	22.49	<=30	Pass
		50	0	21.56	0.29	21.85	<=30	Pass
			25	21.81	0.29	22.10	<=30	Pass
			50	21.93	0.29	22.22	<=30	Pass
		100	0	21.78	0.29	22.07	<=30	Pass
			0	22.13	0.29	22.42	<=30	Pass
			50	22.15	0.29	22.44	<=30	Pass
	1745	1	99	21.96	0.29	22.25	<=30	Pass
			0	21.76	0.29	22.05	<=30	Pass
			25	21.69	0.29	21.98	<=30	Pass
		50	50	21.69	0.29	21.98	<=30	Pass
			0	21.73	0.29	22.02	<=30	Pass
			0	21.86	0.29	22.15	<=30	Pass
		100	50	22.12	0.29	22.41	<=30	Pass
			99	22.08	0.29	22.37	<=30	Pass
			0	21.70	0.29	21.99	<=30	Pass
	1770	50	25	21.68	0.29	21.97	<=30	Pass
			50	21.70	0.29	21.99	<=30	Pass
			0	21.68	0.29	21.97	<=30	Pass
16QAM	1720	1	0	21.63	0.29	21.92	<=30	Pass
			50	21.82	0.29	22.11	<=30	Pass
			99	21.81	0.29	22.10	<=30	Pass
		12	0	21.62	0.29	21.91	<=30	Pass
			44	21.78	0.29	22.07	<=30	Pass
			88	21.74	0.29	22.03	<=30	Pass
		27	0	20.63	0.29	20.92	<=30	Pass
			0	21.33	0.29	21.62	<=30	Pass
			50	21.38	0.29	21.67	<=30	Pass
	1745	1	99	21.14	0.29	21.43	<=30	Pass
			0	21.62	0.29	21.91	<=30	Pass
			44	21.62	0.29	21.91	<=30	Pass
		12	88	21.43	0.29	21.72	<=30	Pass
			0	20.61	0.29	20.90	<=30	Pass
			0	21.16	0.29	21.45	<=30	Pass
		27	50	21.40	0.29	21.69	<=30	Pass
			99	21.37	0.29	21.66	<=30	Pass
			0	21.48	0.29	21.77	<=30	Pass
	1770	12	44	21.66	0.29	21.95	<=30	Pass
			88	21.67	0.29	21.96	<=30	Pass
			73	20.64	0.29	20.93	<=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	3.15	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.70	1.917	0.0011	-2.5 to 2.5	Pass
					4.26	3.691	0.0022	-2.5 to 2.5	Pass
				-30	3.70	7.052	0.0041	-2.5 to 2.5	Pass
				-20	3.70	3.905	0.0023	-2.5 to 2.5	Pass
				-10	3.70	12.946	0.0076	-2.5 to 2.5	Pass
				0	3.70	2.317	0.0014	-2.5 to 2.5	Pass
				10	3.70	5.307	0.0031	-2.5 to 2.5	Pass
				30	3.70	1.645	0.0010	-2.5 to 2.5	Pass
				40	3.70	0.901	0.0005	-2.5 to 2.5	Pass
				50	3.70	6.609	0.0039	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	-8.712	-0.0050	-2.5 to 2.5	Pass
					3.70	-8.068	-0.0046	-2.5 to 2.5	Pass
					4.26	-3.262	-0.0019	-2.5 to 2.5	Pass
				-30	3.70	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.70	10.858	0.0062	-2.5 to 2.5	Pass
				-10	3.70	8.569	0.0049	-2.5 to 2.5	Pass
				0	3.70	-1.302	-0.0007	-2.5 to 2.5	Pass
				10	3.70	11.015	0.0063	-2.5 to 2.5	Pass
				30	3.70	13.061	0.0075	-2.5 to 2.5	Pass
				40	3.70	-2.232	-0.0013	-2.5 to 2.5	Pass
				50	3.70	6.909	0.0040	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	9.112	0.0051	-2.5 to 2.5	Pass
					3.70	10.371	0.0058	-2.5 to 2.5	Pass
					4.26	3.662	0.0021	-2.5 to 2.5	Pass
				-30	3.70	1.087	0.0006	-2.5 to 2.5	Pass
				-20	3.70	-7.410	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-1.760	-0.0010	-2.5 to 2.5	Pass
				0	3.70	6.695	0.0038	-2.5 to 2.5	Pass
				10	3.70	3.948	0.0022	-2.5 to 2.5	Pass
				30	3.70	-8.812	-0.0050	-2.5 to 2.5	Pass
				40	3.70	6.552	0.0037	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.15	1.545	0.0009	-2.5 to 2.5	Pass
					3.70	4.191	0.0024	-2.5 to 2.5	Pass
					4.26	9.642	0.0056	-2.5 to 2.5	Pass
				-30	3.70	-2.089	-0.0012	-2.5 to 2.5	Pass
				-20	3.70	-2.918	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	3.247	0.0019	-2.5 to 2.5	Pass
				0	3.70	-5.779	-0.0034	-2.5 to 2.5	Pass
				10	3.70	2.732	0.0016	-2.5 to 2.5	Pass
				30	3.70	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.70	4.907	0.0029	-2.5 to 2.5	Pass
				50	3.70	1.345	0.0008	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	11.101	0.0064	-2.5 to 2.5	Pass
					3.70	-1.602	-0.0009	-2.5 to 2.5	Pass
					4.26	3.219	0.0018	-2.5 to 2.5	Pass
				-30	3.70	6.094	0.0035	-2.5 to 2.5	Pass
				-20	3.70	6.709	0.0038	-2.5 to 2.5	Pass
				-10	3.70	3.004	0.0017	-2.5 to 2.5	Pass

				0	3.70	14.920	0.0086	-2.5 to 2.5	Pass
				10	3.70	4.792	0.0027	-2.5 to 2.5	Pass
				30	3.70	13.289	0.0076	-2.5 to 2.5	Pass
				40	3.70	8.540	0.0049	-2.5 to 2.5	Pass
				50	3.70	5.836	0.0033	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	-0.443	-0.0002	-2.5 to 2.5	Pass
					3.70	4.835	0.0027	-2.5 to 2.5	Pass
					4.26	9.470	0.0053	-2.5 to 2.5	Pass
				-30	3.70	11.301	0.0064	-2.5 to 2.5	Pass
				-20	3.70	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.70	9.499	0.0053	-2.5 to 2.5	Pass
				0	3.70	12.488	0.0070	-2.5 to 2.5	Pass
				10	3.70	13.862	0.0078	-2.5 to 2.5	Pass
				30	3.70	11.530	0.0065	-2.5 to 2.5	Pass
				40	3.70	2.747	0.0015	-2.5 to 2.5	Pass
				50	3.70	-6.967	-0.0039	-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	3.15	-5.250	-0.0031	-2.5 to 2.5	Pass
					3.70	-4.134	-0.0024	-2.5 to 2.5	Pass
					4.26	3.834	0.0022	-2.5 to 2.5	Pass
				-30	3.70	3.605	0.0021	-2.5 to 2.5	Pass
				-20	3.70	1.230	0.0007	-2.5 to 2.5	Pass
				-10	3.70	1.516	0.0009	-2.5 to 2.5	Pass
				0	3.70	-6.938	-0.0041	-2.5 to 2.5	Pass
				10	3.70	1.931	0.0011	-2.5 to 2.5	Pass
				30	3.70	7.153	0.0042	-2.5 to 2.5	Pass
				40	3.70	0.815	0.0005	-2.5 to 2.5	Pass
				50	3.70	0.215	0.0001	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	-5.035	-0.0029	-2.5 to 2.5	Pass
					3.70	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.26	-3.705	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.70	5.622	0.0032	-2.5 to 2.5	Pass
				-10	3.70	7.310	0.0042	-2.5 to 2.5	Pass
				0	3.70	-3.362	-0.0019	-2.5 to 2.5	Pass
				10	3.70	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.70	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.70	-4.392	-0.0025	-2.5 to 2.5	Pass
				50	3.70	0.029	0.0000	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.15	1.659	0.0009	-2.5 to 2.5	Pass
					3.70	-2.832	-0.0016	-2.5 to 2.5	Pass
					4.26	7.968	0.0045	-2.5 to 2.5	Pass
				-30	3.70	3.834	0.0022	-2.5 to 2.5	Pass
				-20	3.70	2.360	0.0013	-2.5 to 2.5	Pass
				-10	3.70	-0.587	-0.0003	-2.5 to 2.5	Pass
				0	3.70	-4.292	-0.0024	-2.5 to 2.5	Pass
				10	3.70	-2.475	-0.0014	-2.5 to 2.5	Pass
				30	3.70	-1.516	-0.0009	-2.5 to 2.5	Pass
				40	3.70	1.373	0.0008	-2.5 to 2.5	Pass
				50	3.70	9.441	0.0053	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.15	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.70	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.26	1.945	0.0011	-2.5 to 2.5	Pass
				-30	3.70	4.835	0.0028	-2.5 to 2.5	Pass
				-20	3.70	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.70	-2.546	-0.0015	-2.5 to 2.5	Pass
				0	3.70	3.948	0.0023	-2.5 to 2.5	Pass
				10	3.70	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	3.70	-8.068	-0.0047	-2.5 to 2.5	Pass
				40	3.70	-5.465	-0.0032	-2.5 to 2.5	Pass
				50	3.70	0.916	0.0005	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	6.351	0.0036	-2.5 to 2.5	Pass
					3.70	-8.497	-0.0049	-2.5 to 2.5	Pass
					4.26	2.303	0.0013	-2.5 to 2.5	Pass
				-30	3.70	5.836	0.0033	-2.5 to 2.5	Pass
				-20	3.70	-0.272	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	2.890	0.0017	-2.5 to 2.5	Pass
				0	3.70	-2.632	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.70	-7.896	-0.0045	-2.5 to 2.5	Pass
				40	3.70	1.044	0.0006	-2.5 to 2.5	Pass
				50	3.70	7.553	0.0043	-2.5 to 2.5	Pass

	1778.5	15	0	20	3.15	-4.935	-0.0028	-2.5 to 2.5	Pass
					3.70	4.821	0.0027	-2.5 to 2.5	Pass
					4.26	6.723	0.0038	-2.5 to 2.5	Pass
				-30	3.70	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.70	-6.266	-0.0035	-2.5 to 2.5	Pass
				-10	3.70	1.144	0.0006	-2.5 to 2.5	Pass
				0	3.70	-6.938	-0.0039	-2.5 to 2.5	Pass
				10	3.70	10.085	0.0057	-2.5 to 2.5	Pass
				30	3.70	-2.904	-0.0016	-2.5 to 2.5	Pass
				40	3.70	-7.138	-0.0040	-2.5 to 2.5	Pass
				50	3.70	-2.360	-0.0013	-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	3.15	1.988	0.0012	-2.5 to 2.5	Pass
					3.70	10.371	0.0061	-2.5 to 2.5	Pass
					4.26	-3.977	-0.0023	-2.5 to 2.5	Pass
				-30	3.70	-4.048	-0.0024	-2.5 to 2.5	Pass
				-20	3.70	5.836	0.0034	-2.5 to 2.5	Pass
				-10	3.70	7.968	0.0047	-2.5 to 2.5	Pass
				0	3.70	2.103	0.0012	-2.5 to 2.5	Pass
				10	3.70	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.70	2.575	0.0015	-2.5 to 2.5	Pass
				40	3.70	-2.017	-0.0012	-2.5 to 2.5	Pass
				50	3.70	0.544	0.0003	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	4.849	0.0028	-2.5 to 2.5	Pass
					3.70	3.548	0.0020	-2.5 to 2.5	Pass
					4.26	4.635	0.0027	-2.5 to 2.5	Pass
				-30	3.70	5.507	0.0032	-2.5 to 2.5	Pass
				-20	3.70	9.084	0.0052	-2.5 to 2.5	Pass
				-10	3.70	5.207	0.0030	-2.5 to 2.5	Pass
				0	3.70	7.553	0.0043	-2.5 to 2.5	Pass
				10	3.70	1.345	0.0008	-2.5 to 2.5	Pass
				30	3.70	0.958	0.0005	-2.5 to 2.5	Pass
				40	3.70	6.638	0.0038	-2.5 to 2.5	Pass
				50	3.70	0.157	0.0001	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	3.176	0.0018	-2.5 to 2.5	Pass
					3.70	-2.103	-0.0012	-2.5 to 2.5	Pass
					4.26	0.401	0.0002	-2.5 to 2.5	Pass
				-30	3.70	-3.548	-0.0020	-2.5 to 2.5	Pass
				-20	3.70	-4.377	-0.0025	-2.5 to 2.5	Pass
				-10	3.70	5.379	0.0030	-2.5 to 2.5	Pass
				0	3.70	2.203	0.0012	-2.5 to 2.5	Pass
				10	3.70	2.389	0.0013	-2.5 to 2.5	Pass
				30	3.70	-2.718	-0.0015	-2.5 to 2.5	Pass
				40	3.70	-0.529	-0.0003	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.15	5.865	0.0034	-2.5 to 2.5	Pass
					3.70	5.350	0.0031	-2.5 to 2.5	Pass
					4.26	5.336	0.0031	-2.5 to 2.5	Pass
				-30	3.70	6.266	0.0037	-2.5 to 2.5	Pass
				-20	3.70	-2.732	-0.0016	-2.5 to 2.5	Pass
				-10	3.70	0.429	0.0003	-2.5 to 2.5	Pass
				0	3.70	2.875	0.0017	-2.5 to 2.5	Pass
				10	3.70	4.220	0.0025	-2.5 to 2.5	Pass
				30	3.70	4.964	0.0029	-2.5 to 2.5	Pass
				40	3.70	5.736	0.0033	-2.5 to 2.5	Pass
				50	3.70	4.206	0.0025	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	5.279	0.0030	-2.5 to 2.5	Pass
					3.70	3.648	0.0021	-2.5 to 2.5	Pass
					4.26	0.916	0.0005	-2.5 to 2.5	Pass
				-30	3.70	6.137	0.0035	-2.5 to 2.5	Pass
				-20	3.70	-1.230	-0.0007	-2.5 to 2.5	Pass
				-10	3.70	-3.219	-0.0018	-2.5 to 2.5	Pass
				0	3.70	3.548	0.0020	-2.5 to 2.5	Pass
				10	3.70	-0.787	-0.0005	-2.5 to 2.5	Pass
				30	3.70	5.794	0.0033	-2.5 to 2.5	Pass
				40	3.70	8.354	0.0048	-2.5 to 2.5	Pass
				50	3.70	4.263	0.0024	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.15	2.546	0.0014	-2.5 to 2.5	Pass
					3.70	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.26	-0.644	-0.0004	-2.5 to 2.5	Pass
				-30	3.70	1.917	0.0011	-2.5 to 2.5	Pass
				-20	3.70	4.292	0.0024	-2.5 to 2.5	Pass
				-10	3.70	6.394	0.0036	-2.5 to 2.5	Pass
				0	3.70	2.217	0.0012	-2.5 to 2.5	Pass
				10	3.70	3.448	0.0019	-2.5 to 2.5	Pass
				30	3.70	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.70	-1.159	-0.0007	-2.5 to 2.5	Pass
				50	3.70	2.947	0.0017	-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	3.15	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.70	-1.845	-0.0011	-2.5 to 2.5	Pass
					4.26	-2.117	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	2.961	0.0017	-2.5 to 2.5	Pass
				-20	3.70	-1.717	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	1.245	0.0007	-2.5 to 2.5	Pass
				0	3.70	2.747	0.0016	-2.5 to 2.5	Pass
				10	3.70	5.178	0.0030	-2.5 to 2.5	Pass
				30	3.70	4.563	0.0027	-2.5 to 2.5	Pass
				40	3.70	6.952	0.0041	-2.5 to 2.5	Pass
				50	3.70	1.431	0.0008	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	0.801	0.0005	-2.5 to 2.5	Pass
					3.70	4.048	0.0023	-2.5 to 2.5	Pass
					4.26	0.458	0.0003	-2.5 to 2.5	Pass
				-30	3.70	2.232	0.0013	-2.5 to 2.5	Pass
				-20	3.70	1.974	0.0011	-2.5 to 2.5	Pass
				-10	3.70	3.219	0.0018	-2.5 to 2.5	Pass
				0	3.70	4.392	0.0025	-2.5 to 2.5	Pass
				10	3.70	5.021	0.0029	-2.5 to 2.5	Pass
				30	3.70	2.575	0.0015	-2.5 to 2.5	Pass
				40	3.70	7.582	0.0043	-2.5 to 2.5	Pass
				50	3.70	5.693	0.0033	-2.5 to 2.5	Pass
	1775	50	0	20	3.15	3.490	0.0020	-2.5 to 2.5	Pass
					3.70	4.320	0.0024	-2.5 to 2.5	Pass
					4.26	4.935	0.0028	-2.5 to 2.5	Pass
				-30	3.70	6.723	0.0038	-2.5 to 2.5	Pass
				-20	3.70	2.332	0.0013	-2.5 to 2.5	Pass
				-10	3.70	4.749	0.0027	-2.5 to 2.5	Pass
				0	3.70	5.364	0.0030	-2.5 to 2.5	Pass
				10	3.70	6.981	0.0039	-2.5 to 2.5	Pass
				30	3.70	5.379	0.0030	-2.5 to 2.5	Pass
				40	3.70	5.007	0.0028	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.15	11.644	0.0068	-2.5 to 2.5	Pass
					3.70	6.309	0.0037	-2.5 to 2.5	Pass
					4.26	-2.675	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	3.333	0.0019	-2.5 to 2.5	Pass
				-20	3.70	0.343	0.0002	-2.5 to 2.5	Pass
				-10	3.70	0.501	0.0003	-2.5 to 2.5	Pass
				0	3.70	0.529	0.0003	-2.5 to 2.5	Pass
				10	3.70	3.476	0.0020	-2.5 to 2.5	Pass
				30	3.70	-1.931	-0.0011	-2.5 to 2.5	Pass
				40	3.70	0.501	0.0003	-2.5 to 2.5	Pass
				50	3.70	11.115	0.0065	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	-1.745	-0.0010	-2.5 to 2.5	Pass
					3.70	6.523	0.0037	-2.5 to 2.5	Pass
					4.26	5.894	0.0034	-2.5 to 2.5	Pass
				-30	3.70	3.347	0.0019	-2.5 to 2.5	Pass
				-20	3.70	2.332	0.0013	-2.5 to 2.5	Pass
				-10	3.70	6.380	0.0037	-2.5 to 2.5	Pass
				0	3.70	6.351	0.0036	-2.5 to 2.5	Pass
				10	3.70	3.204	0.0018	-2.5 to 2.5	Pass
				30	3.70	5.894	0.0034	-2.5 to 2.5	Pass
				40	3.70	4.005	0.0023	-2.5 to 2.5	Pass
				50	3.70	3.147	0.0018	-2.5 to 2.5	Pass

	1775	27	23	20	3.15	9.413	0.0053	-2.5 to 2.5	Pass
					3.70	3.362	0.0019	-2.5 to 2.5	Pass
					4.26	5.336	0.0030	-2.5 to 2.5	Pass
				-30	3.70	5.994	0.0034	-2.5 to 2.5	Pass
				-20	3.70	5.693	0.0032	-2.5 to 2.5	Pass
				-10	3.70	3.548	0.0020	-2.5 to 2.5	Pass
				0	3.70	4.692	0.0026	-2.5 to 2.5	Pass
				10	3.70	6.580	0.0037	-2.5 to 2.5	Pass
				30	3.70	1.960	0.0011	-2.5 to 2.5	Pass
				40	3.70	4.292	0.0024	-2.5 to 2.5	Pass
				50	3.70	10.614	0.0060	-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	3.15	2.117	0.0012	-2.5 to 2.5	Pass
					3.70	5.322	0.0031	-2.5 to 2.5	Pass
					4.26	6.166	0.0036	-2.5 to 2.5	Pass
				-30	3.70	6.351	0.0037	-2.5 to 2.5	Pass
				-20	3.70	4.306	0.0025	-2.5 to 2.5	Pass
				-10	3.70	2.160	0.0013	-2.5 to 2.5	Pass
				0	3.70	4.678	0.0027	-2.5 to 2.5	Pass
				10	3.70	5.236	0.0030	-2.5 to 2.5	Pass
				30	3.70	3.033	0.0018	-2.5 to 2.5	Pass
				40	3.70	4.134	0.0024	-2.5 to 2.5	Pass
				50	3.70	4.792	0.0028	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	0.529	0.0003	-2.5 to 2.5	Pass
					3.70	1.860	0.0011	-2.5 to 2.5	Pass
					4.26	0.901	0.0005	-2.5 to 2.5	Pass
				-30	3.70	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.70	0.372	0.0002	-2.5 to 2.5	Pass
				-10	3.70	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.70	2.332	0.0013	-2.5 to 2.5	Pass
				10	3.70	5.651	0.0032	-2.5 to 2.5	Pass
				30	3.70	4.234	0.0024	-2.5 to 2.5	Pass
				40	3.70	5.465	0.0031	-2.5 to 2.5	Pass
				50	3.70	7.625	0.0044	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.15	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.70	0.029	0.0000	-2.5 to 2.5	Pass
					4.26	-1.831	-0.0010	-2.5 to 2.5	Pass
				-30	3.70	-0.772	-0.0004	-2.5 to 2.5	Pass
				-20	3.70	-4.377	-0.0025	-2.5 to 2.5	Pass
				-10	3.70	-1.130	-0.0006	-2.5 to 2.5	Pass
				0	3.70	4.392	0.0025	-2.5 to 2.5	Pass
				10	3.70	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.70	2.646	0.0015	-2.5 to 2.5	Pass
				40	3.70	0.343	0.0002	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.15	1.202	0.0007	-2.5 to 2.5	Pass
					3.70	0.558	0.0003	-2.5 to 2.5	Pass
					4.26	1.960	0.0011	-2.5 to 2.5	Pass
				-30	3.70	0.129	0.0001	-2.5 to 2.5	Pass
				-20	3.70	-0.215	-0.0001	-2.5 to 2.5	Pass
				-10	3.70	-0.043	0.0000	-2.5 to 2.5	Pass
				0	3.70	3.204	0.0019	-2.5 to 2.5	Pass
				10	3.70	2.189	0.0013	-2.5 to 2.5	Pass
				30	3.70	-1.488	-0.0009	-2.5 to 2.5	Pass
				40	3.70	0.672	0.0004	-2.5 to 2.5	Pass
				50	3.70	-1.974	-0.0011	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	5.450	0.0031	-2.5 to 2.5	Pass
					3.70	7.725	0.0044	-2.5 to 2.5	Pass
					4.26	3.476	0.0020	-2.5 to 2.5	Pass
				-30	3.70	6.595	0.0038	-2.5 to 2.5	Pass
				-20	3.70	6.995	0.0040	-2.5 to 2.5	Pass
				-10	3.70	7.210	0.0041	-2.5 to 2.5	Pass
				0	3.70	7.439	0.0043	-2.5 to 2.5	Pass
				10	3.70	5.980	0.0034	-2.5 to 2.5	Pass
				30	3.70	5.178	0.0030	-2.5 to 2.5	Pass
				40	3.70	7.210	0.0041	-2.5 to 2.5	Pass
				50	3.70	7.124	0.0041	-2.5 to 2.5	Pass

	1772.5	27	48	20	3.15	3.133	0.0018	-2.5 to 2.5	Pass
					3.70	-0.343	-0.0002	-2.5 to 2.5	Pass
					4.26	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.70	0.601	0.0003	-2.5 to 2.5	Pass
				-20	3.70	1.402	0.0008	-2.5 to 2.5	Pass
				-10	3.70	-3.519	-0.0020	-2.5 to 2.5	Pass
				0	3.70	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.70	-3.204	-0.0018	-2.5 to 2.5	Pass
				30	3.70	0.529	0.0003	-2.5 to 2.5	Pass
				40	3.70	-1.960	-0.0011	-2.5 to 2.5	Pass
				50	3.70	-0.415	-0.0002	-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	3.15	1.788	0.0010	-2.5 to 2.5	Pass
					3.70	1.960	0.0011	-2.5 to 2.5	Pass
					4.26	-3.920	-0.0023	-2.5 to 2.5	Pass
				-30	3.70	0.744	0.0004	-2.5 to 2.5	Pass
				-20	3.70	-4.907	-0.0029	-2.5 to 2.5	Pass
				-10	3.70	-0.358	-0.0002	-2.5 to 2.5	Pass
				0	3.70	-2.003	-0.0012	-2.5 to 2.5	Pass
				10	3.70	-0.772	-0.0004	-2.5 to 2.5	Pass
				30	3.70	1.874	0.0011	-2.5 to 2.5	Pass
				40	3.70	4.649	0.0027	-2.5 to 2.5	Pass
				50	3.70	0.272	0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.15	3.591	0.0021	-2.5 to 2.5	Pass
					3.70	1.173	0.0007	-2.5 to 2.5	Pass
					4.26	5.736	0.0033	-2.5 to 2.5	Pass
				-30	3.70	3.548	0.0020	-2.5 to 2.5	Pass
				-20	3.70	5.651	0.0032	-2.5 to 2.5	Pass
				-10	3.70	4.807	0.0028	-2.5 to 2.5	Pass
				0	3.70	-2.618	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-2.933	-0.0017	-2.5 to 2.5	Pass
				30	3.70	-2.460	-0.0014	-2.5 to 2.5	Pass
				40	3.70	-2.832	-0.0016	-2.5 to 2.5	Pass
				50	3.70	3.190	0.0018	-2.5 to 2.5	Pass
	1770	100	0	20	3.15	-4.592	-0.0026	-2.5 to 2.5	Pass
					3.70	0.257	0.0001	-2.5 to 2.5	Pass
					4.26	-2.990	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	-3.390	-0.0019	-2.5 to 2.5	Pass
				-20	3.70	-2.832	-0.0016	-2.5 to 2.5	Pass
				-10	3.70	-4.320	-0.0024	-2.5 to 2.5	Pass
				0	3.70	-2.260	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-2.561	-0.0014	-2.5 to 2.5	Pass
				30	3.70	-3.619	-0.0020	-2.5 to 2.5	Pass
				40	3.70	-0.458	-0.0003	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.15	-1.473	-0.0009	-2.5 to 2.5	Pass
					3.70	-3.862	-0.0022	-2.5 to 2.5	Pass
					4.26	1.588	0.0009	-2.5 to 2.5	Pass
				-30	3.70	0.987	0.0006	-2.5 to 2.5	Pass
				-20	3.70	-0.672	-0.0004	-2.5 to 2.5	Pass
				-10	3.70	0.844	0.0005	-2.5 to 2.5	Pass
				0	3.70	5.064	0.0029	-2.5 to 2.5	Pass
				10	3.70	4.663	0.0027	-2.5 to 2.5	Pass
				30	3.70	2.503	0.0015	-2.5 to 2.5	Pass
				40	3.70	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	3.70	-1.974	-0.0011	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	6.838	0.0039	-2.5 to 2.5	Pass
					3.70	0.587	0.0003	-2.5 to 2.5	Pass
					4.26	2.561	0.0015	-2.5 to 2.5	Pass
				-30	3.70	-0.744	-0.0004	-2.5 to 2.5	Pass
				-20	3.70	1.945	0.0011	-2.5 to 2.5	Pass
				-10	3.70	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.70	0.801	0.0005	-2.5 to 2.5	Pass
				10	3.70	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.70	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.70	6.309	0.0036	-2.5 to 2.5	Pass
				50	3.70	2.875	0.0016	-2.5 to 2.5	Pass

	1770	27	73	20	3.15	-2.375	-0.0013	-2.5 to 2.5	Pass
					3.70	-5.980	-0.0034	-2.5 to 2.5	Pass
					4.26	-4.206	-0.0024	-2.5 to 2.5	Pass
				-30	3.70	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.70	-2.661	-0.0015	-2.5 to 2.5	Pass
				-10	3.70	-2.389	-0.0013	-2.5 to 2.5	Pass
				0	3.70	-1.988	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-5.107	-0.0029	-2.5 to 2.5	Pass
				30	3.70	-2.732	-0.0015	-2.5 to 2.5	Pass
				40	3.70	-4.735	-0.0027	-2.5 to 2.5	Pass
				50	3.70	-3.591	-0.0020	-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

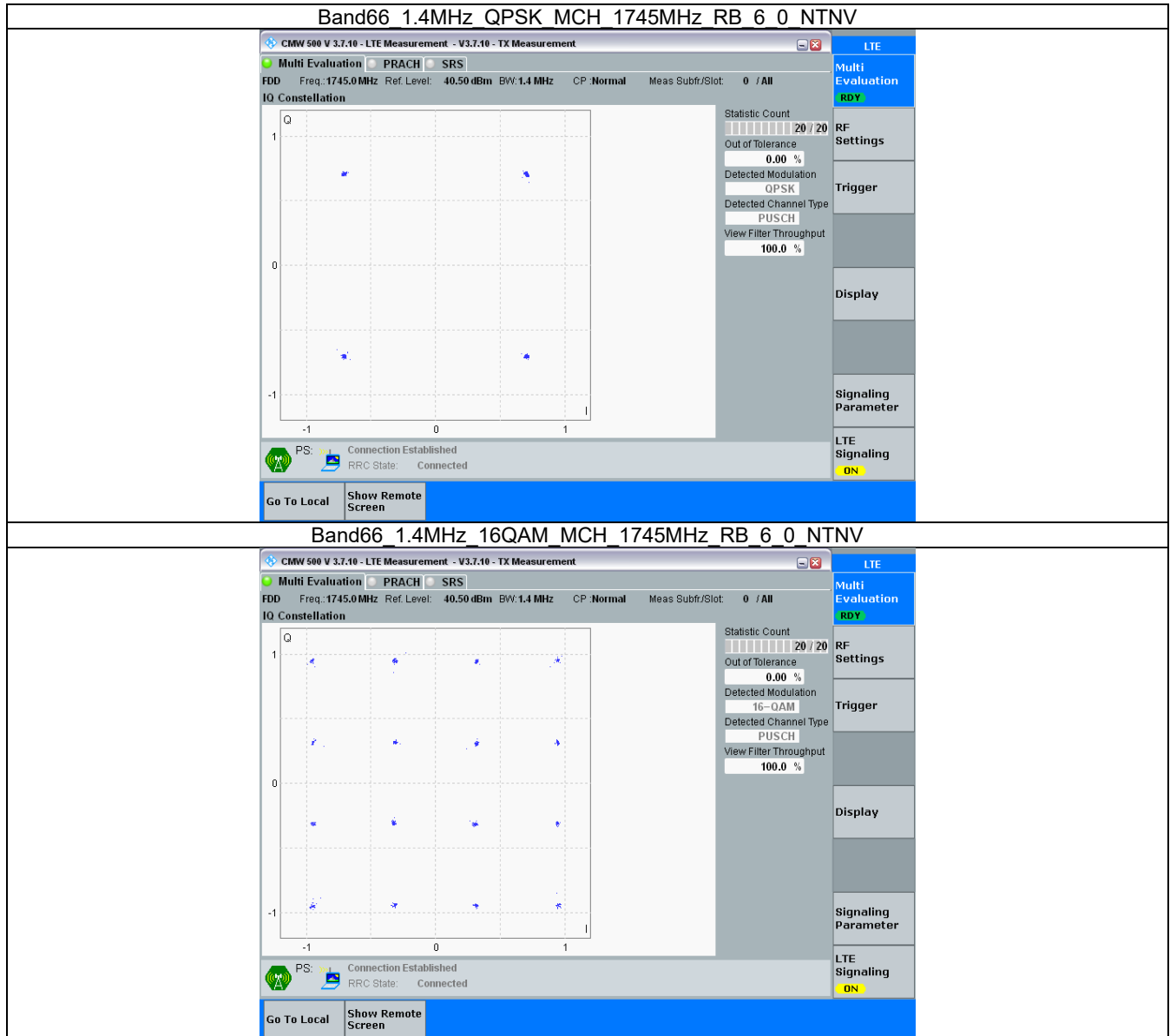
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

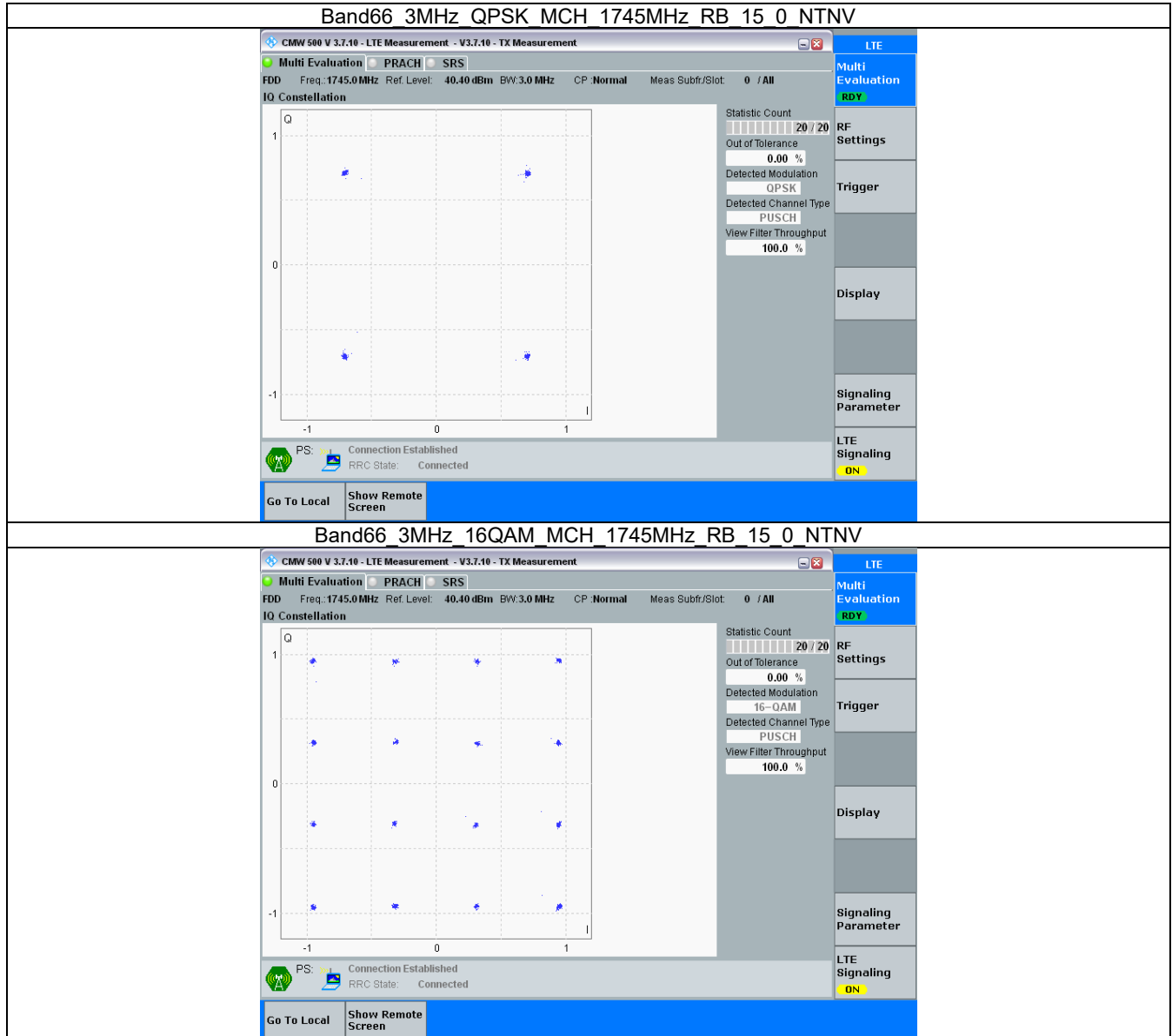
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

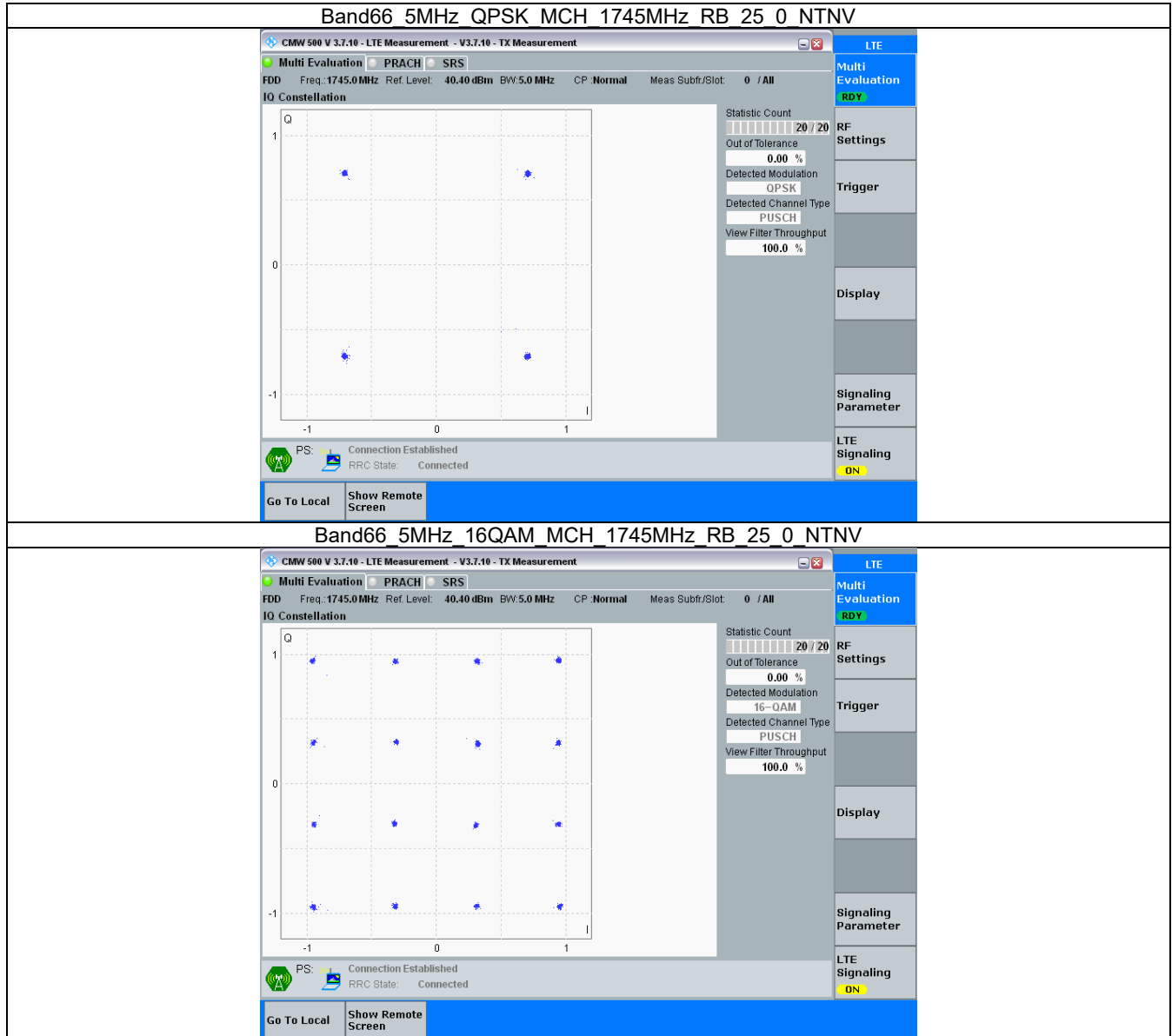
3.2.1 B66_1.4MHz



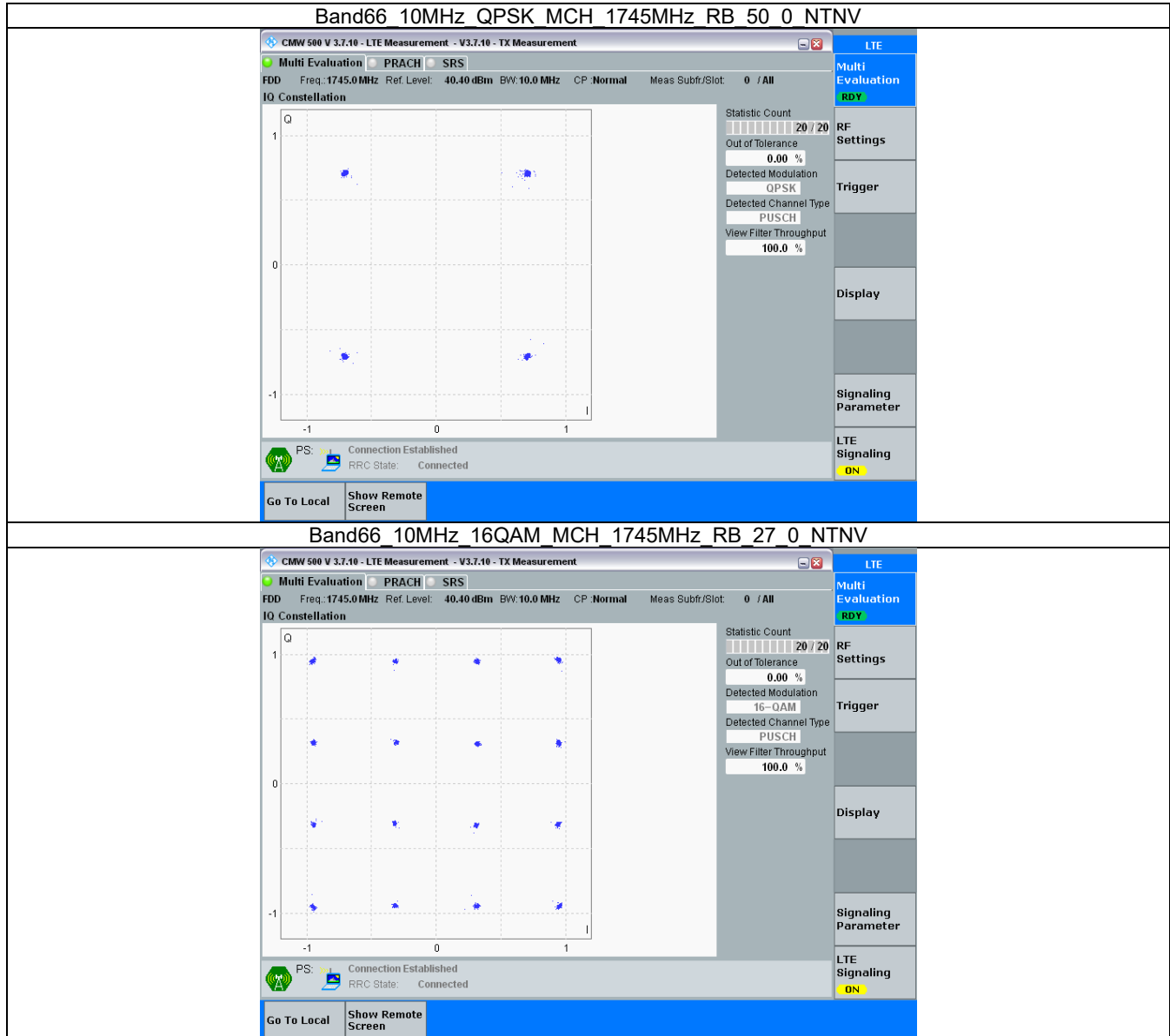
3.2.2 B66_3MHz



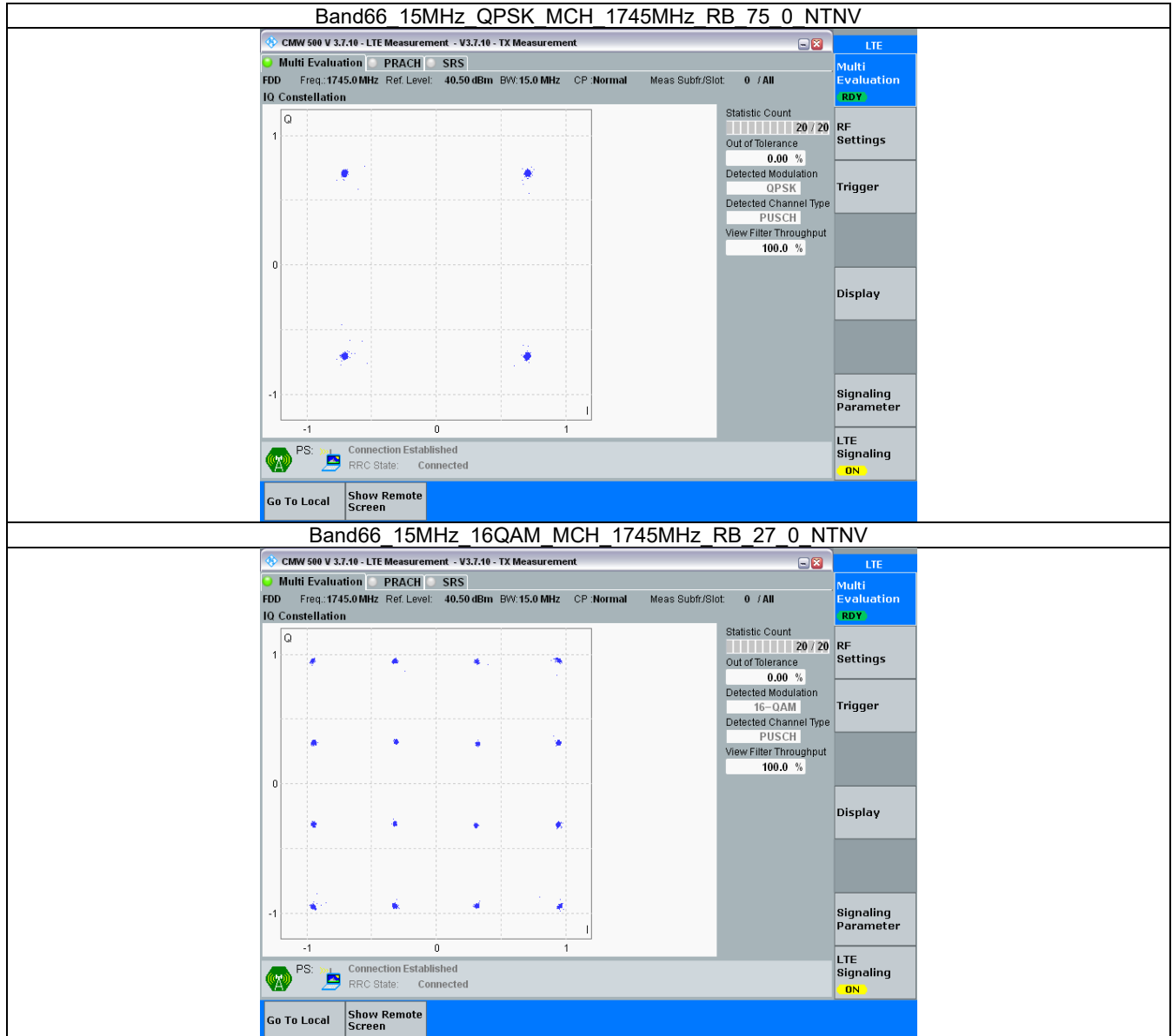
3.2.3 B66_5MHz



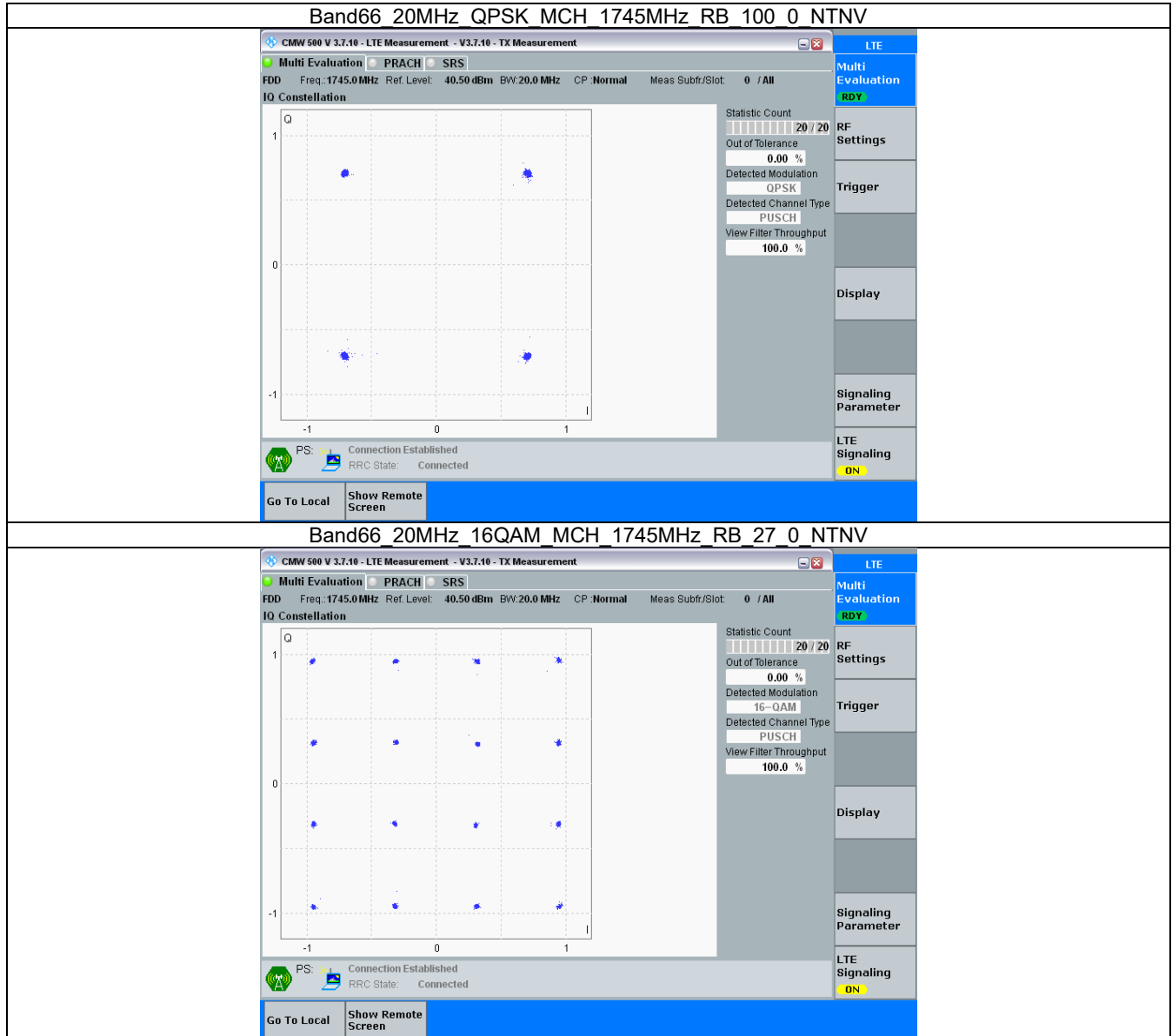
3.2.4 B66_10MHz



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	1.109	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.115	/	Pass
	16QAM	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.119	/	Pass
3	QPSK	1711.5	15	0	2.738	/	Pass
		1745	15	0	2.722	/	Pass
		1778.5	15	0	2.736	/	Pass
	16QAM	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.734	/	Pass
		1778.5	15	0	2.734	/	Pass
5	QPSK	1712.5	25	0	4.545	/	Pass
		1745	25	0	4.545	/	Pass
		1777.5	25	0	4.562	/	Pass
	16QAM	1712.5	25	0	4.562	/	Pass
		1745	25	0	4.549	/	Pass
		1777.5	25	0	4.539	/	Pass
10	QPSK	1715	50	0	9.059	/	Pass
		1745	50	0	9.036	/	Pass
		1775	50	0	9.062	/	Pass
	16QAM	1715	27	0	5.107	/	Pass
		1745	27	0	5.107	/	Pass
		1775	27	23	5.102	/	Pass
15	QPSK	1717.5	75	0	13.576	/	Pass
		1745	75	0	13.576	/	Pass
		1772.5	75	0	13.601	/	Pass
	16QAM	1717.5	27	0	5.346	/	Pass
		1745	27	0	5.298	/	Pass
		1772.5	27	48	5.286	/	Pass
20	QPSK	1720	100	0	18.107	/	Pass
		1745	100	0	18.128	/	Pass
		1770	100	0	18.140	/	Pass
	16QAM	1720	27	0	5.563	/	Pass
		1745	27	0	5.523	/	Pass
		1770	27	73	5.576	/	Pass

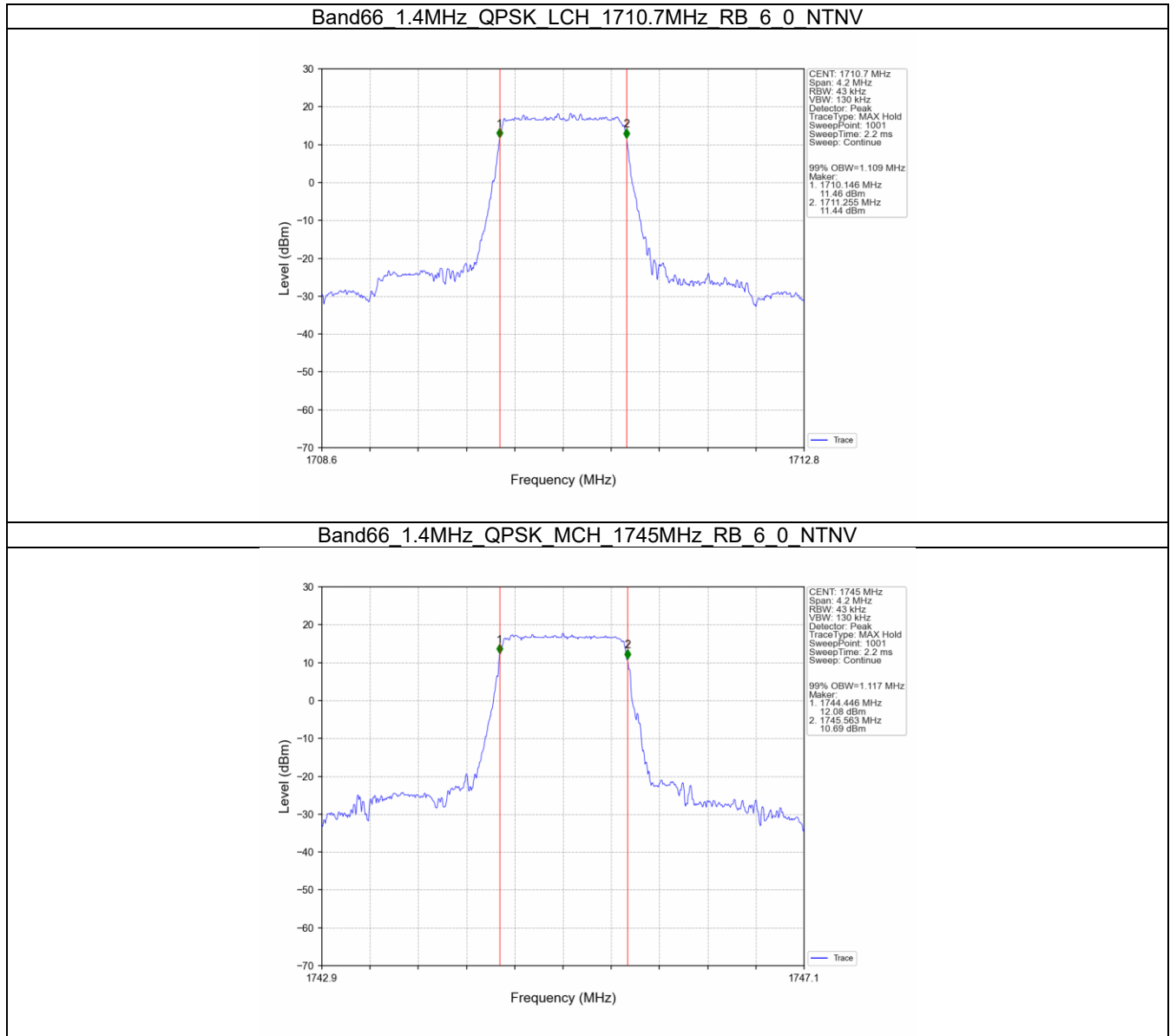
4.1.2 Band66_XDB

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	1.313	/	Pass
		1745	6	0	1.340	/	Pass
		1779.3	6	0	1.320	/	Pass
	16QAM	1710.7	6	0	1.315	/	Pass
		1745	6	0	1.302	/	Pass
		1779.3	6	0	1.348	/	Pass
3	QPSK	1711.5	15	0	3.022	/	Pass

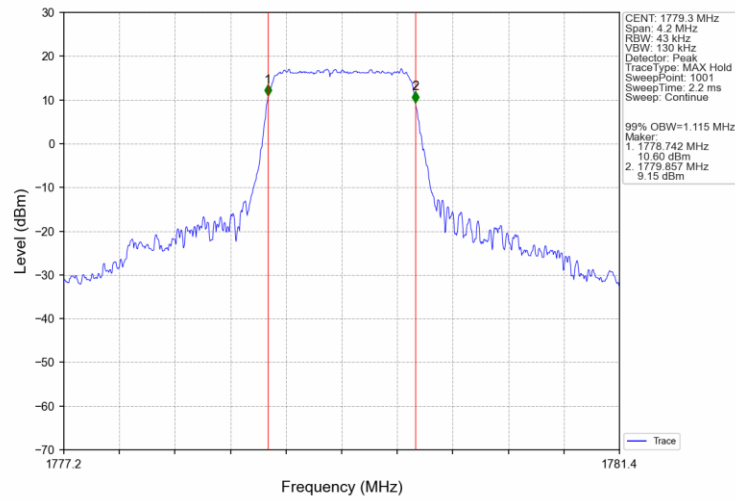
	16QAM	1745	15	0	3.001	/	Pass
		1778.5	15	0	3.023	/	Pass
		1711.5	15	0	3.018	/	Pass
		1745	15	0	3.003	/	Pass
		1778.5	15	0	3.034	/	Pass
5	QPSK	1712.5	25	0	5.066	/	Pass
		1745	25	0	5.055	/	Pass
		1777.5	25	0	5.059	/	Pass
	16QAM	1712.5	25	0	5.049	/	Pass
		1745	25	0	5.097	/	Pass
		1777.5	25	0	5.044	/	Pass
10	QPSK	1715	50	0	9.955	/	Pass
		1745	50	0	9.985	/	Pass
		1775	50	0	10.067	/	Pass
	16QAM	1715	27	0	6.183	/	Pass
		1745	27	0	6.091	/	Pass
		1775	27	23	5.976	/	Pass
15	QPSK	1717.5	75	0	14.944	/	Pass
		1745	75	0	14.885	/	Pass
		1772.5	75	0	14.839	/	Pass
	16QAM	1717.5	27	0	6.619	/	Pass
		1745	27	0	6.700	/	Pass
		1772.5	27	48	6.679	/	Pass
20	QPSK	1720	100	0	20.010	/	Pass
		1745	100	0	19.695	/	Pass
		1770	100	0	19.709	/	Pass
	16QAM	1720	27	0	7.110	/	Pass
		1745	27	0	6.968	/	Pass
		1770	27	73	6.944	/	Pass

4.2 Test Graph

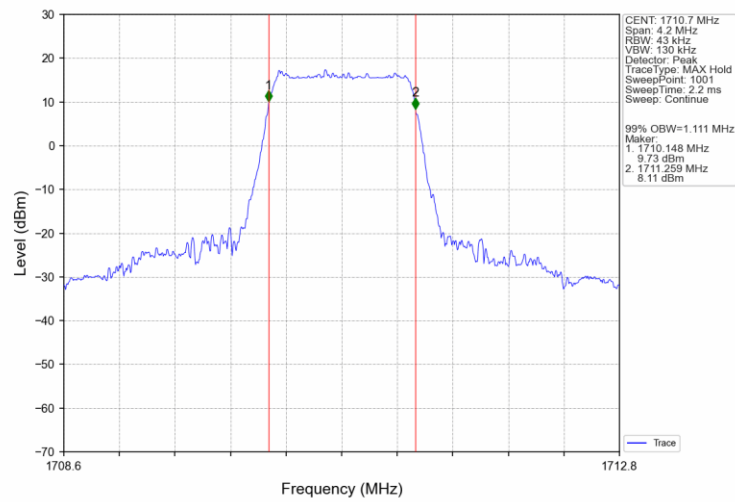
4.2.1 Band66_OBW



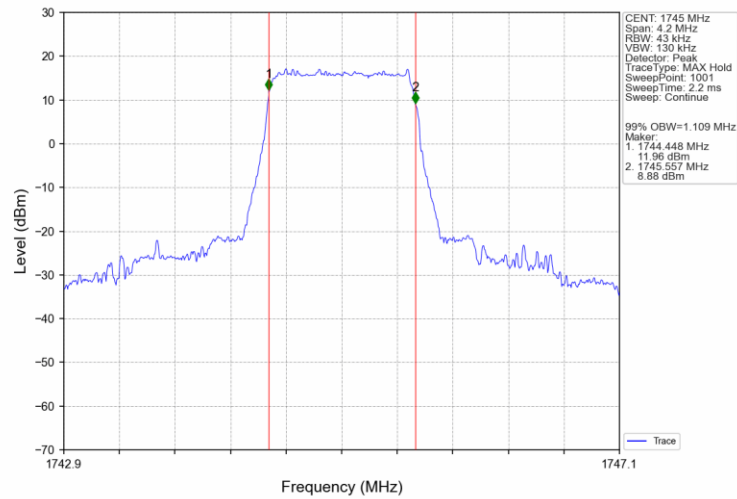
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



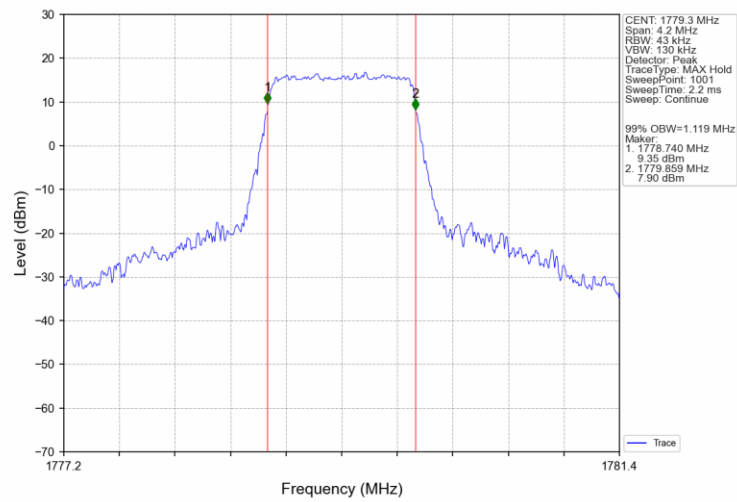
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



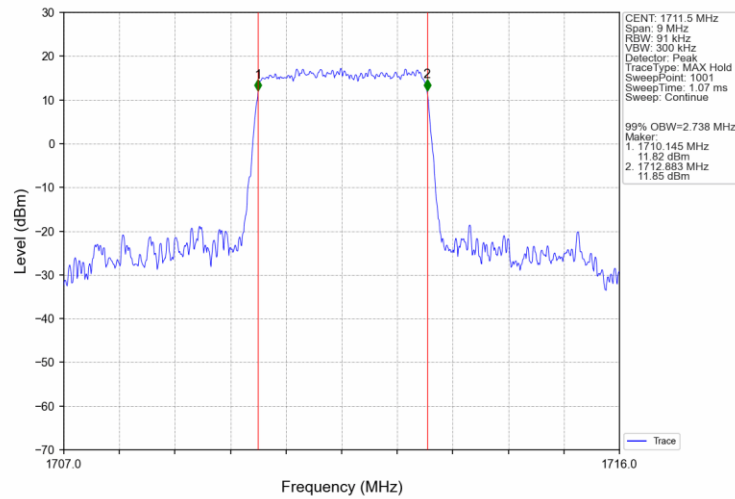
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



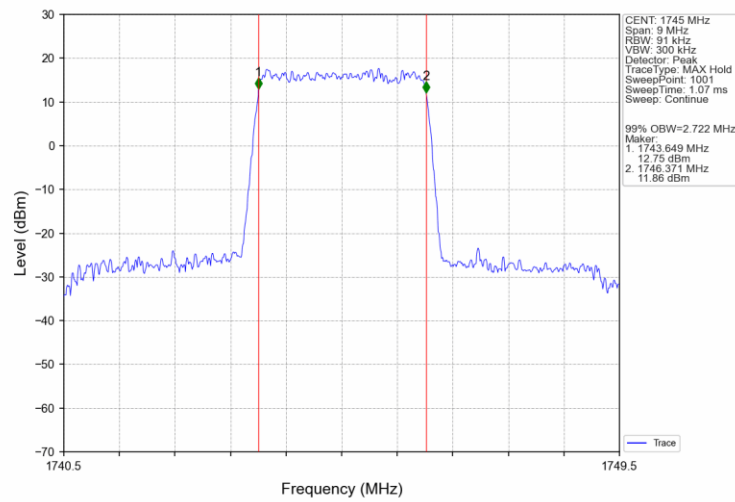
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



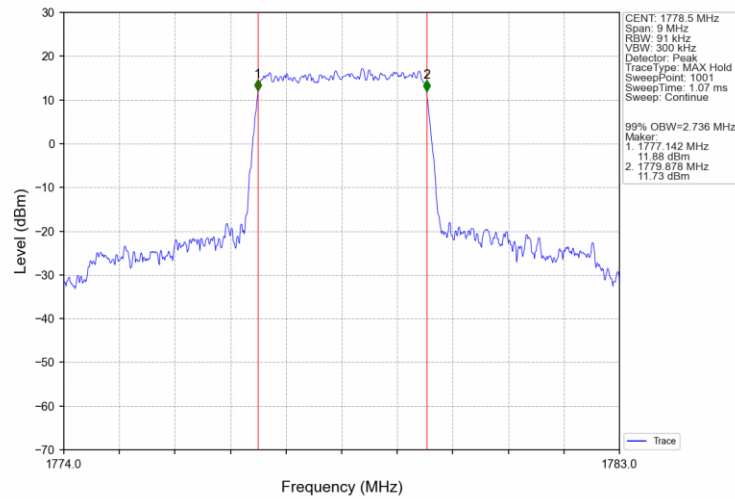
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



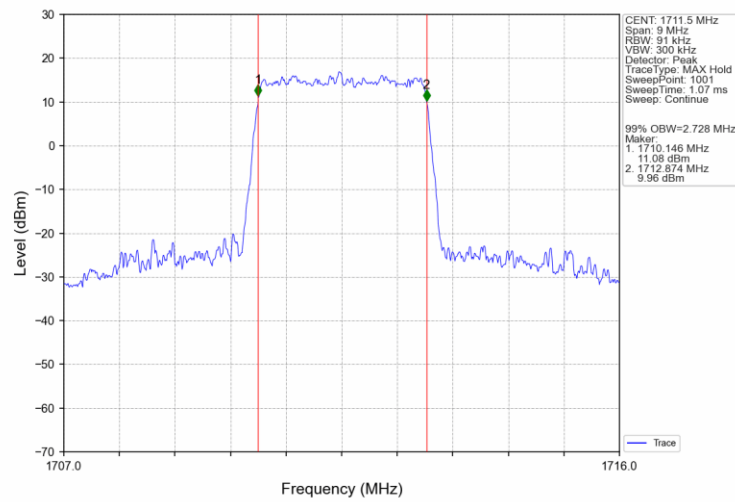
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



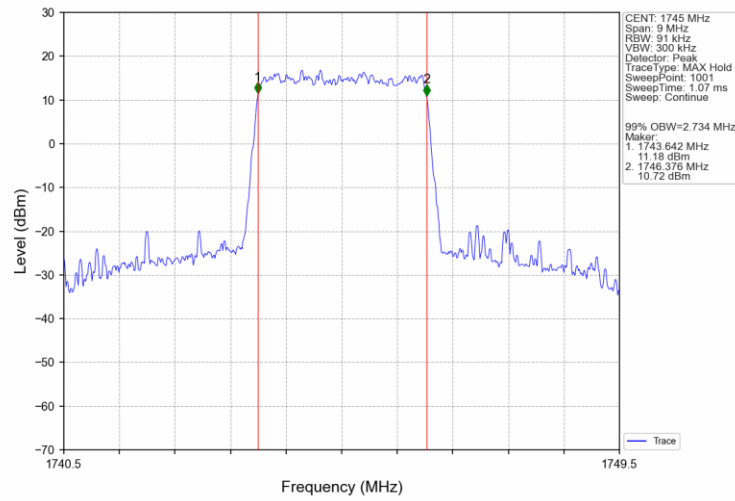
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



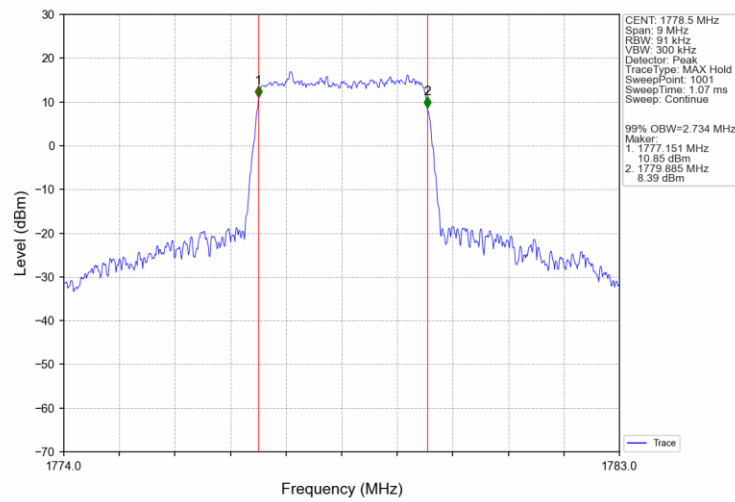
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



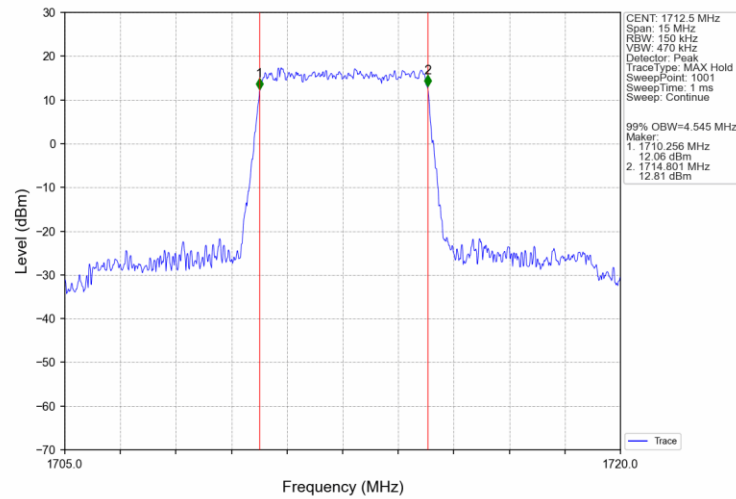
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



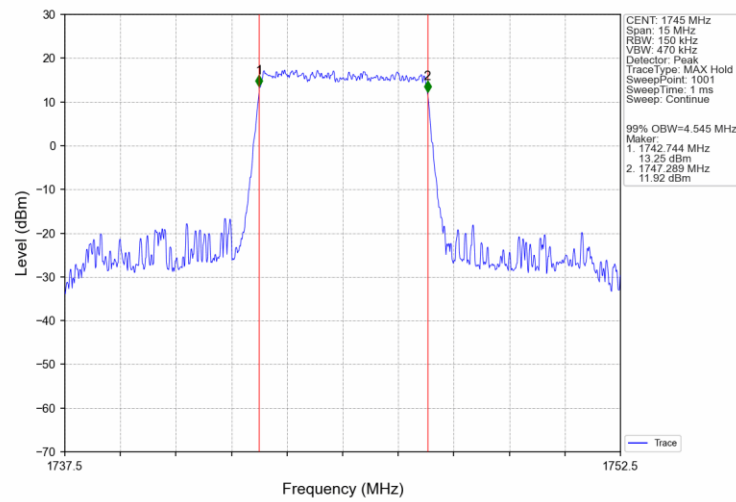
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



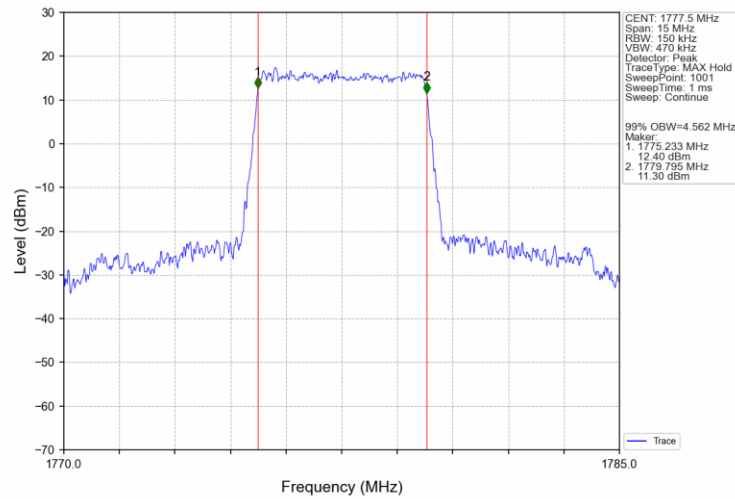
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



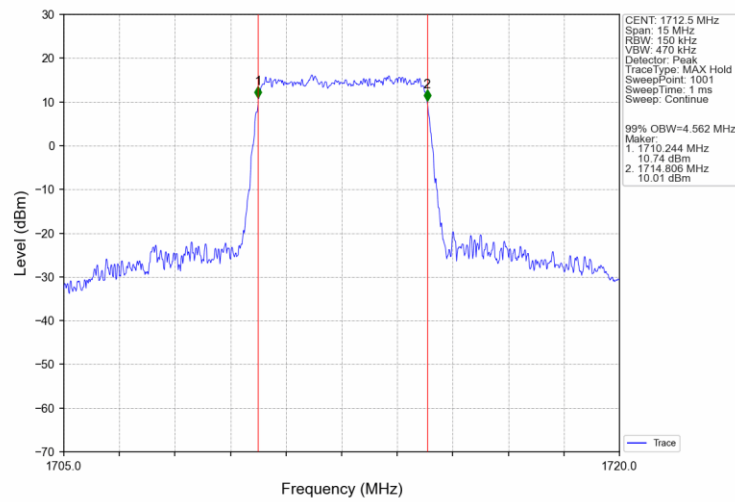
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



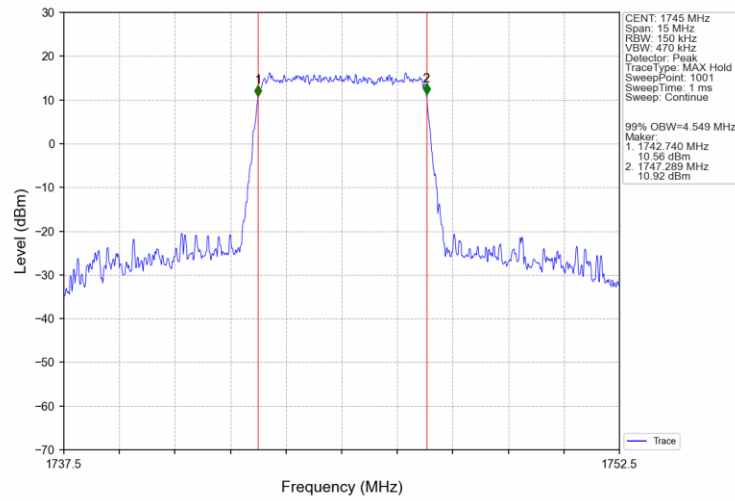
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



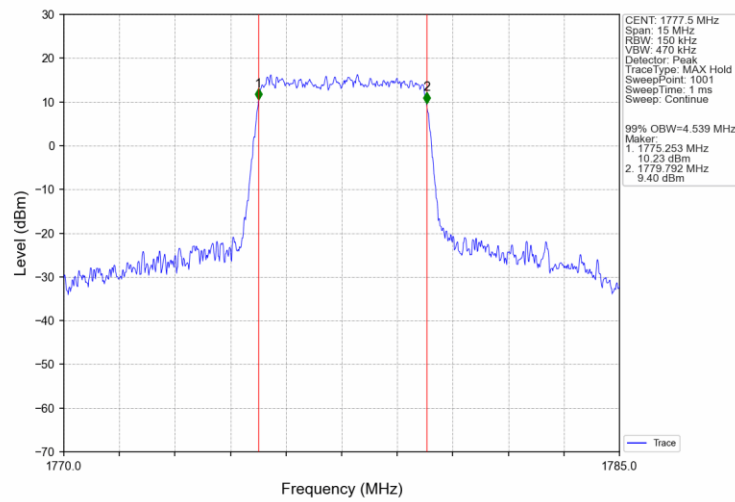
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



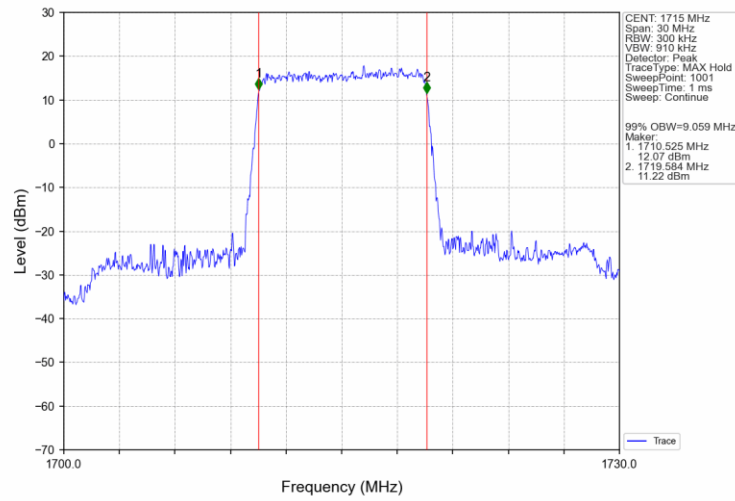
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



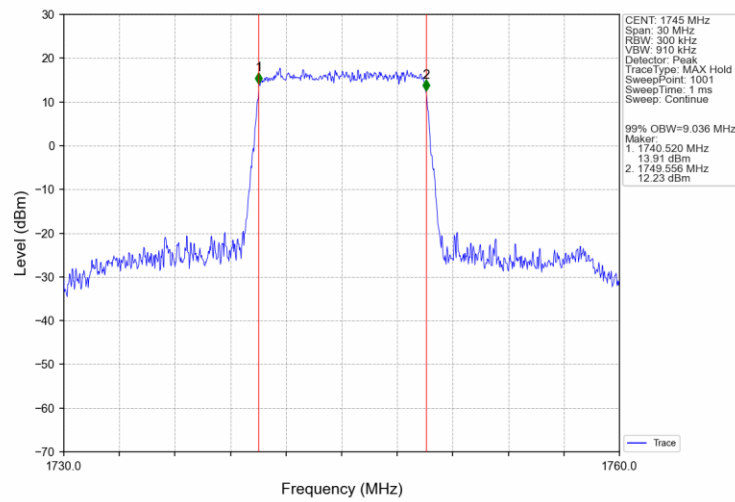
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



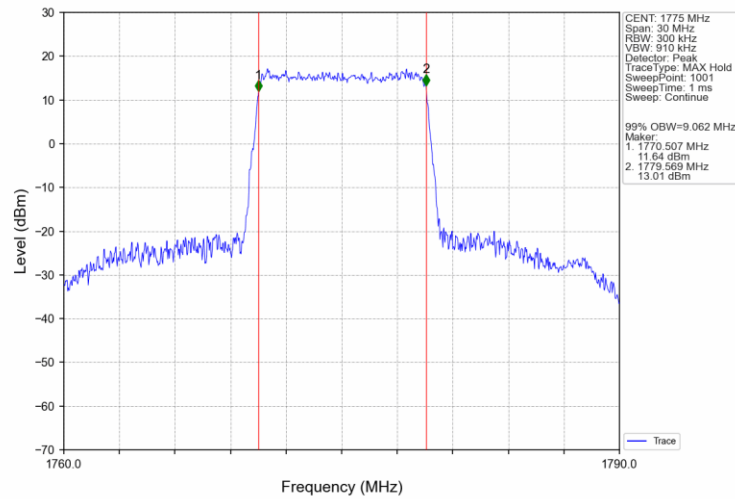
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



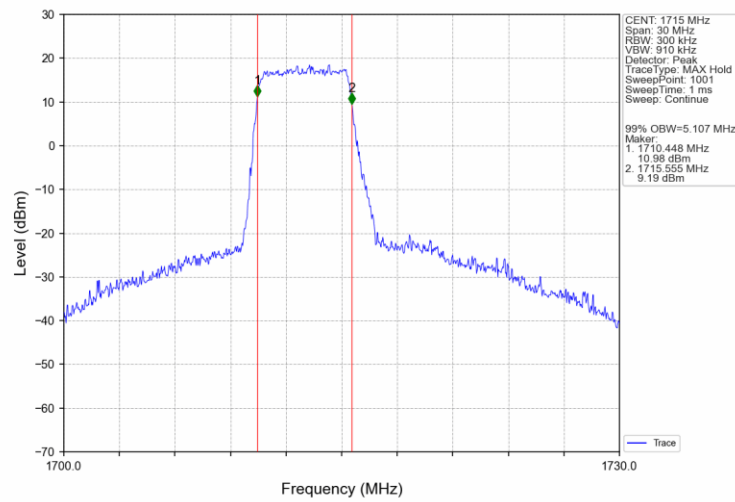
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



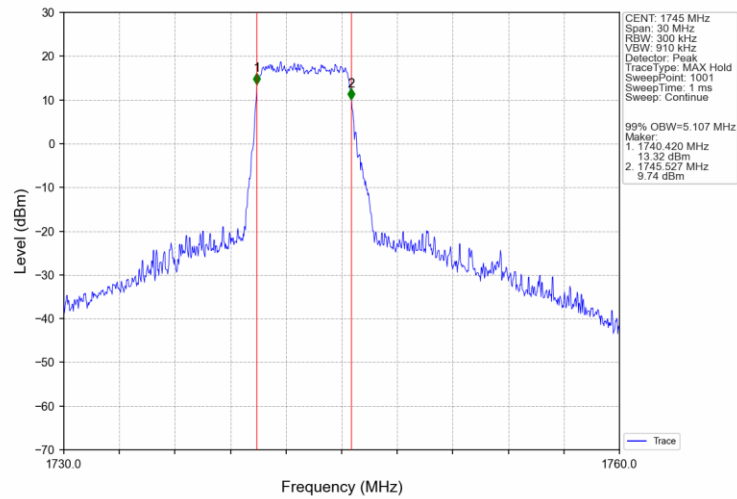
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



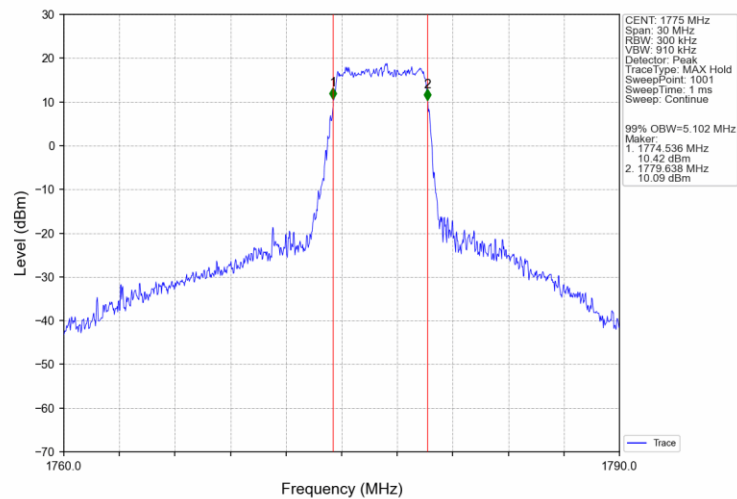
Band66 10MHz 16QAM LCH 1715MHz RB 27 0 NTV



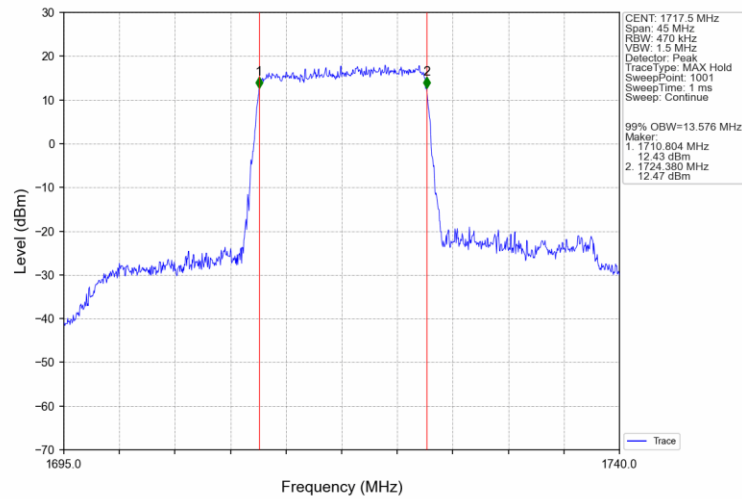
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN



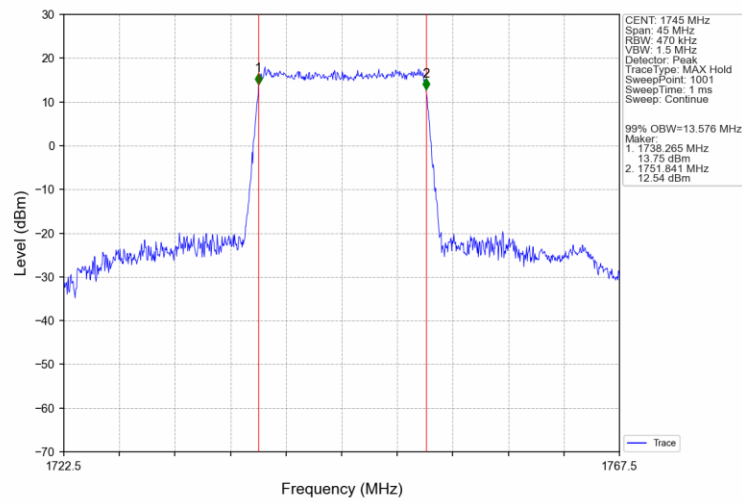
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTN



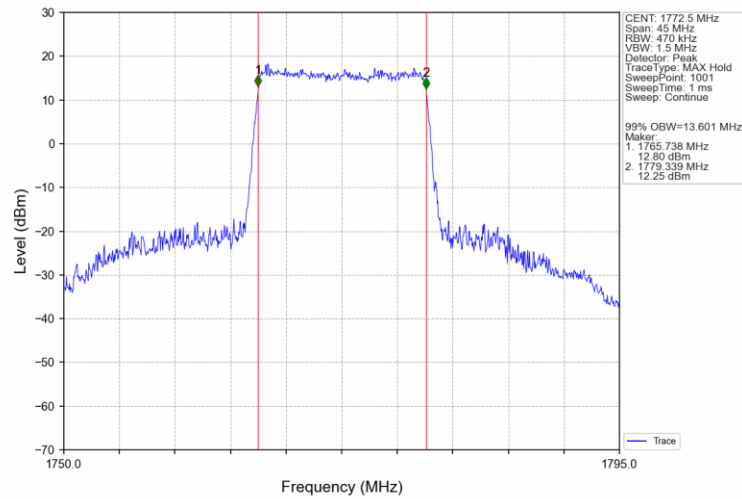
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



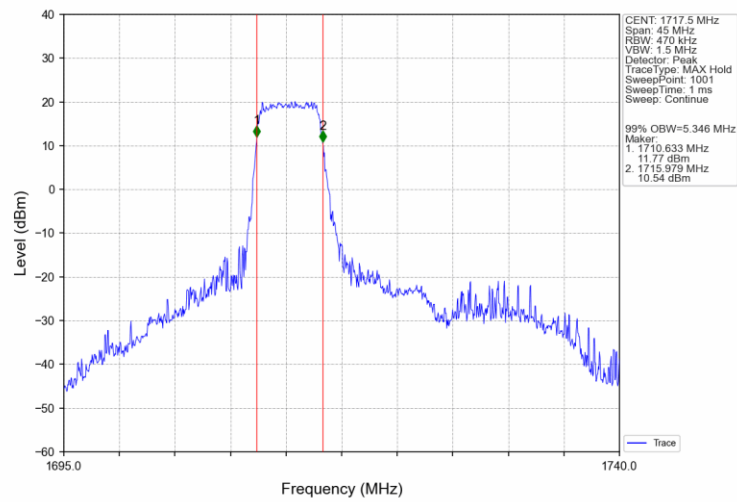
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



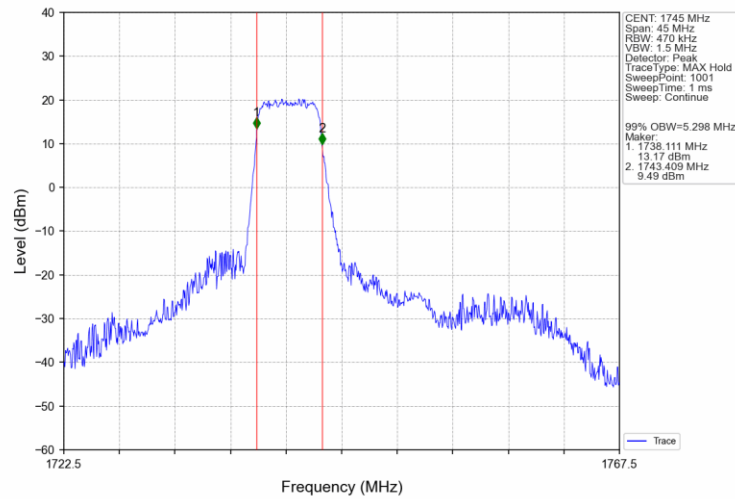
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



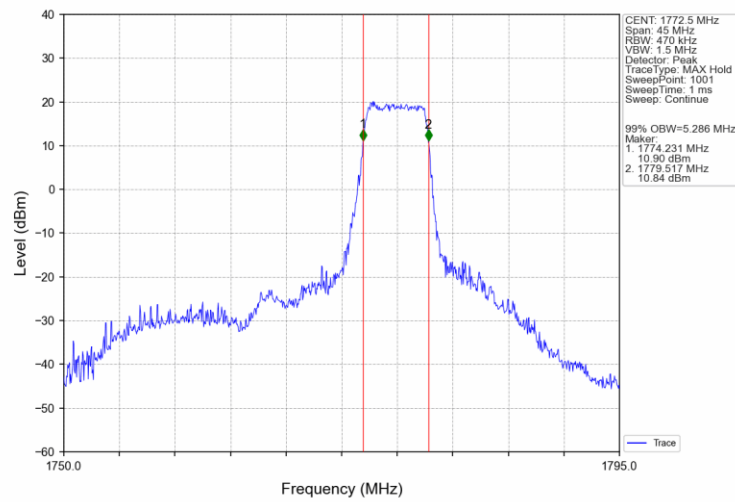
Band66 15MHz 16QAM LCH 1717.5MHz RB 27 0 NTN



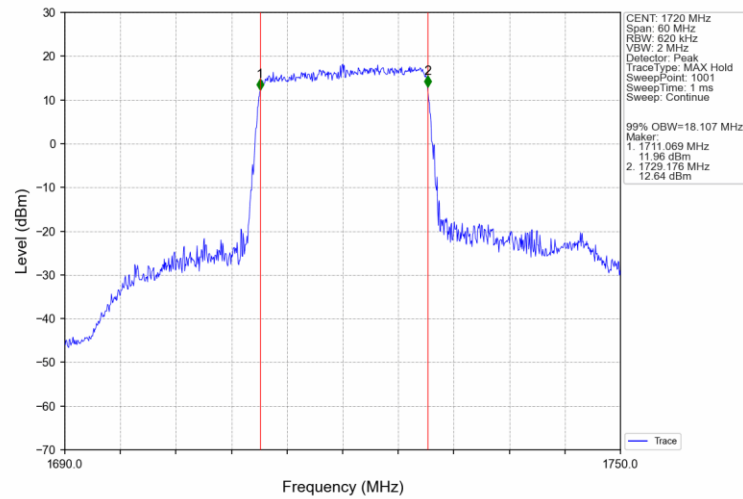
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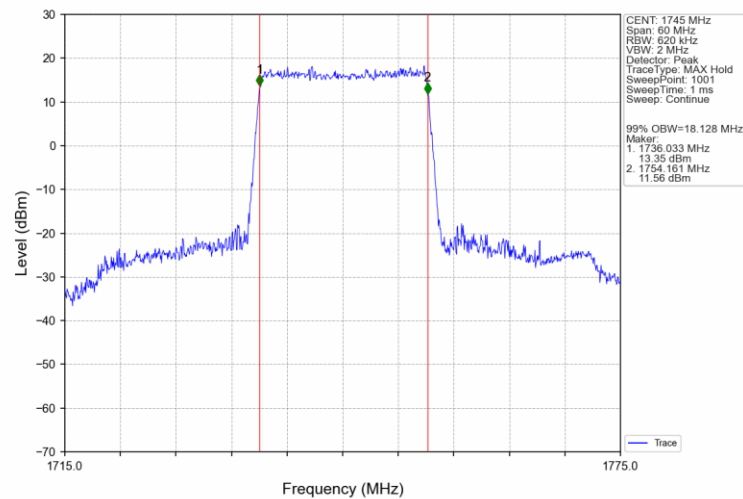
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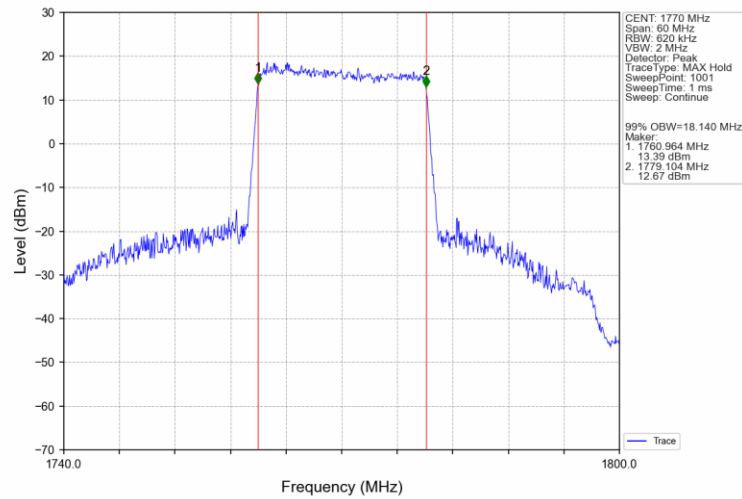
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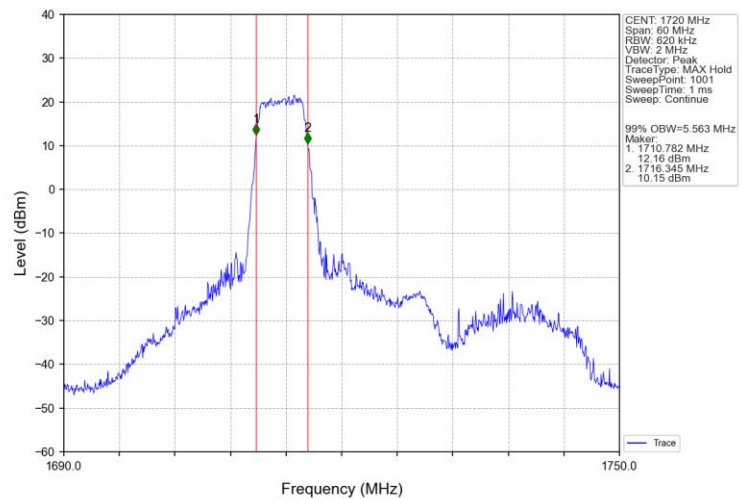
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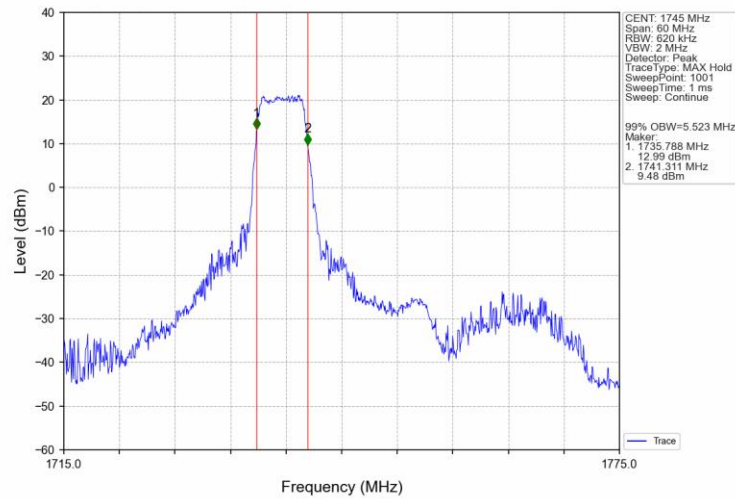
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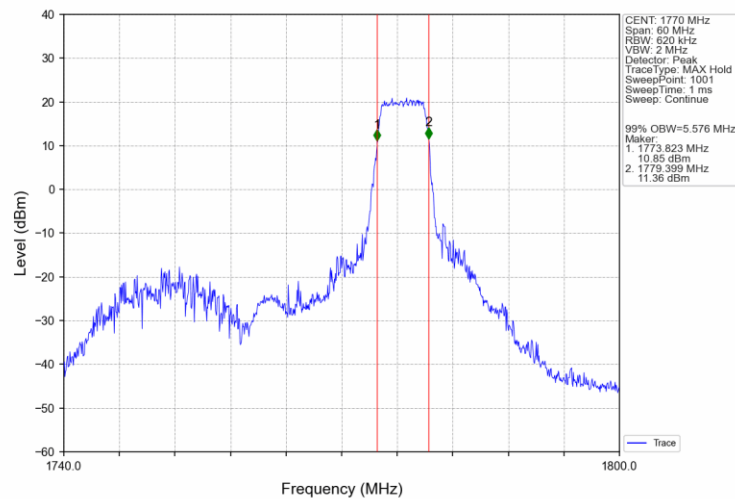
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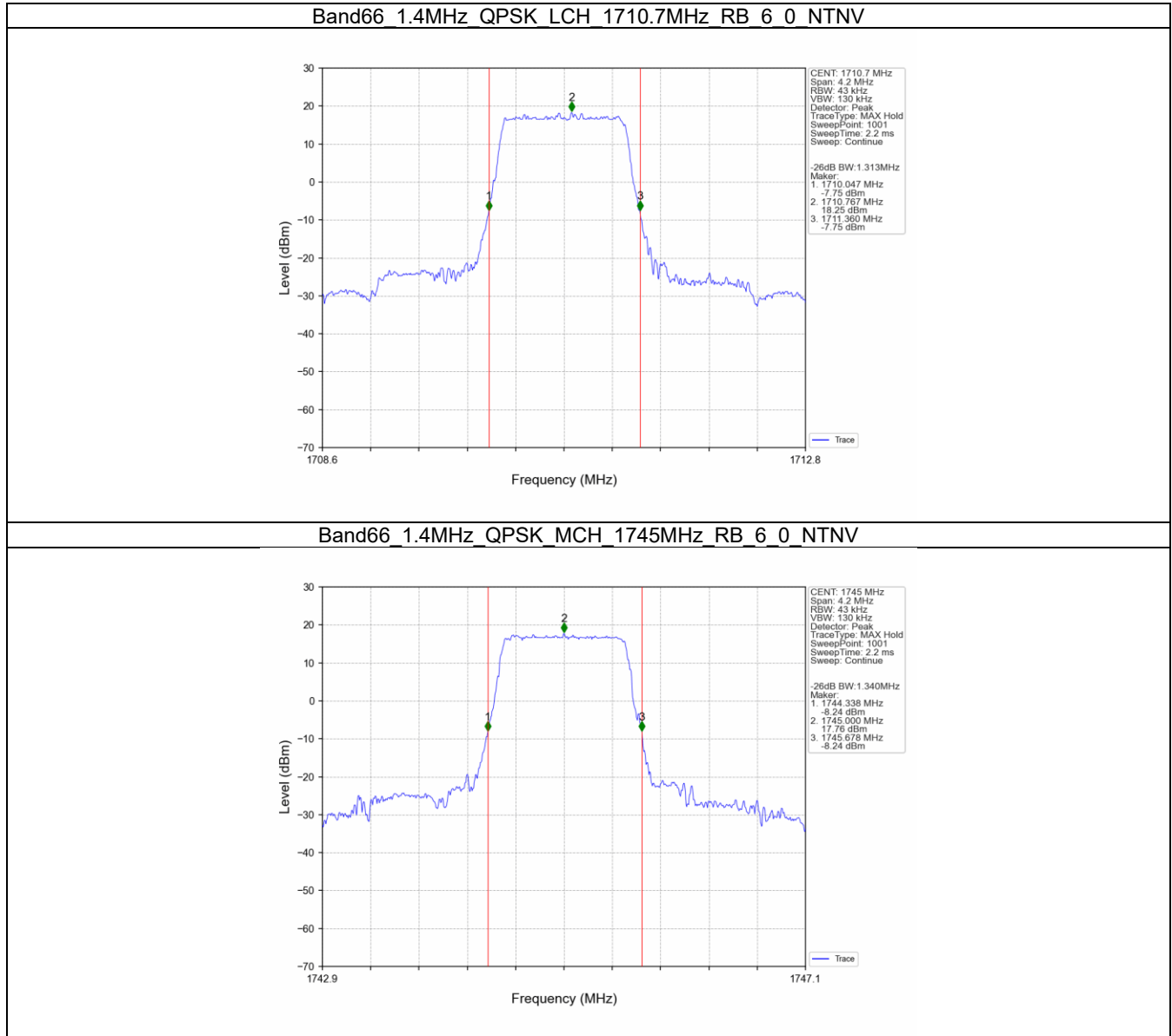
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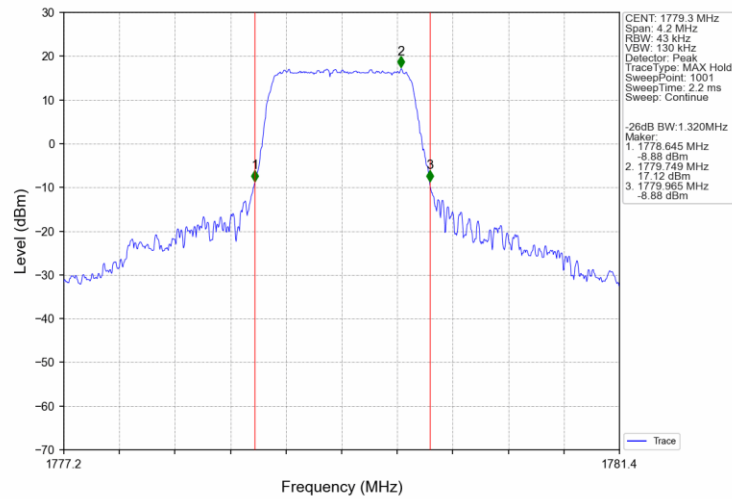
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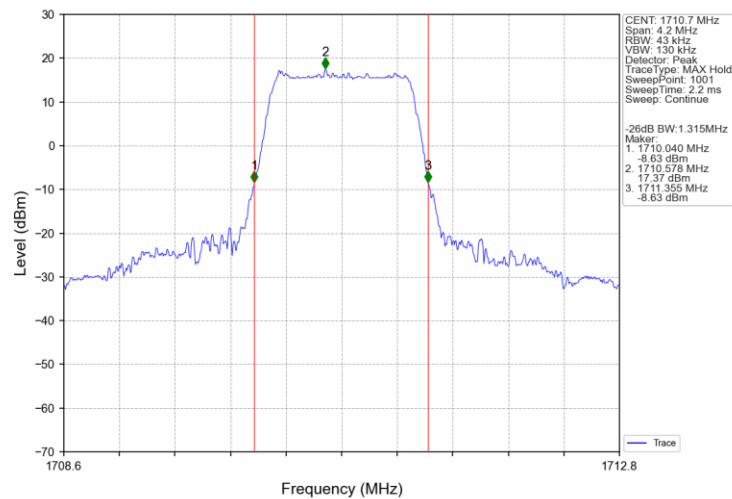
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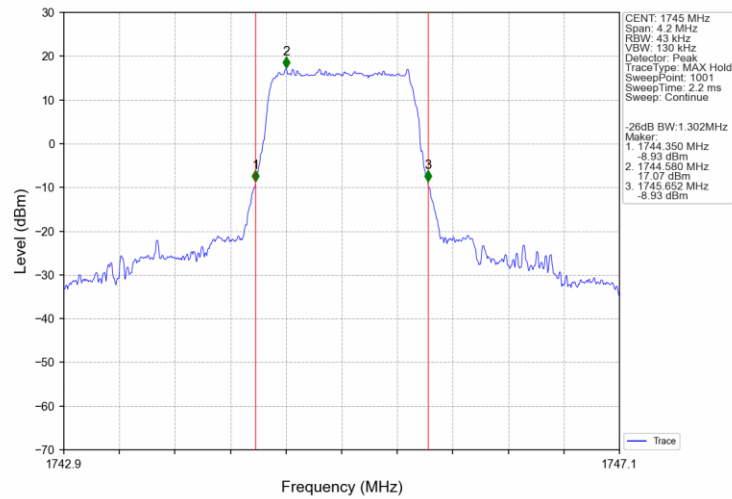
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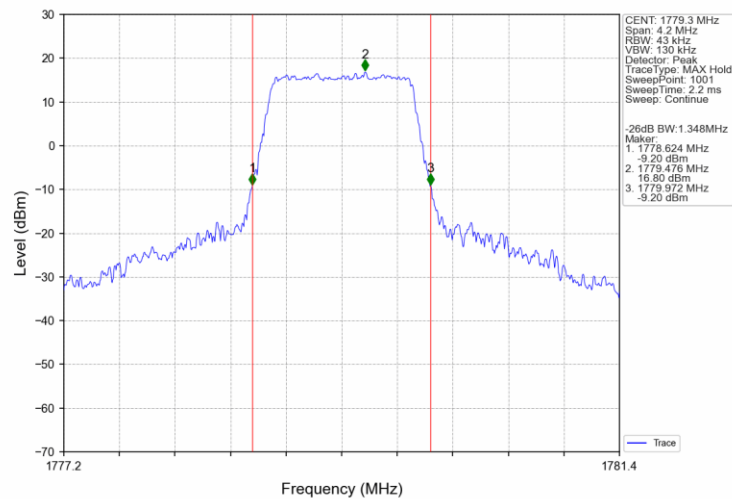
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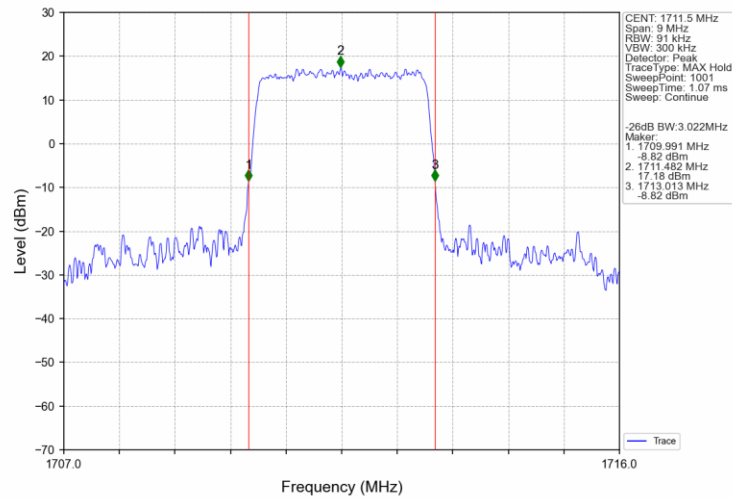
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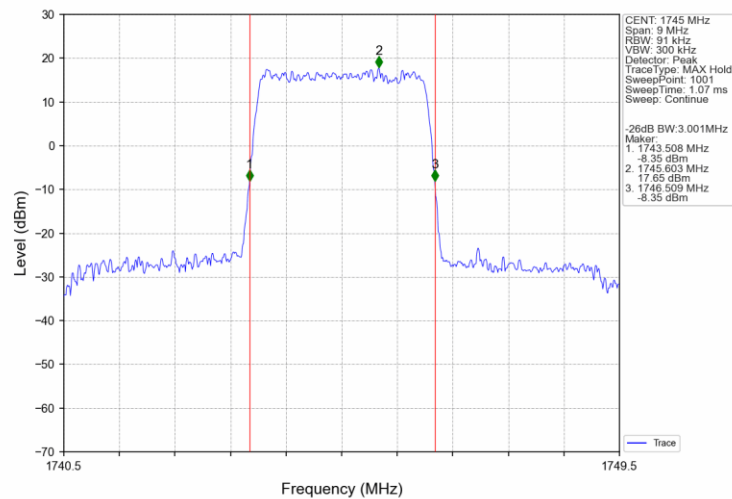
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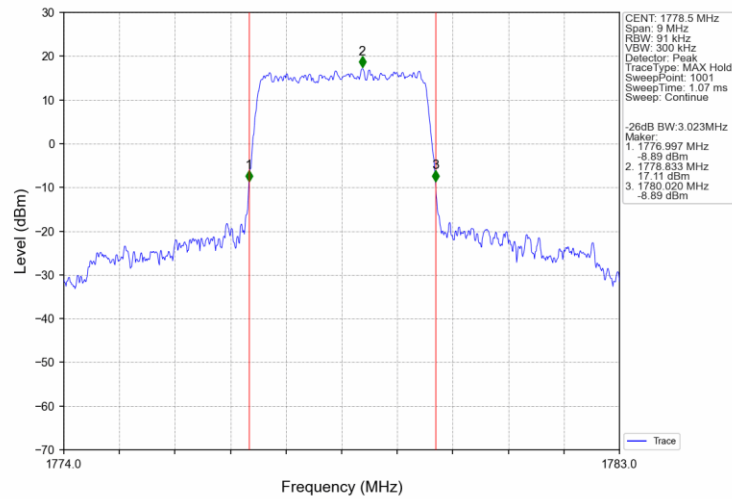
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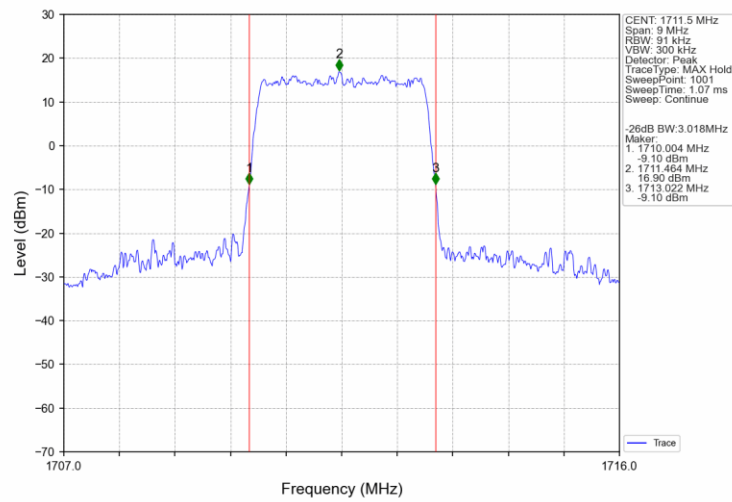
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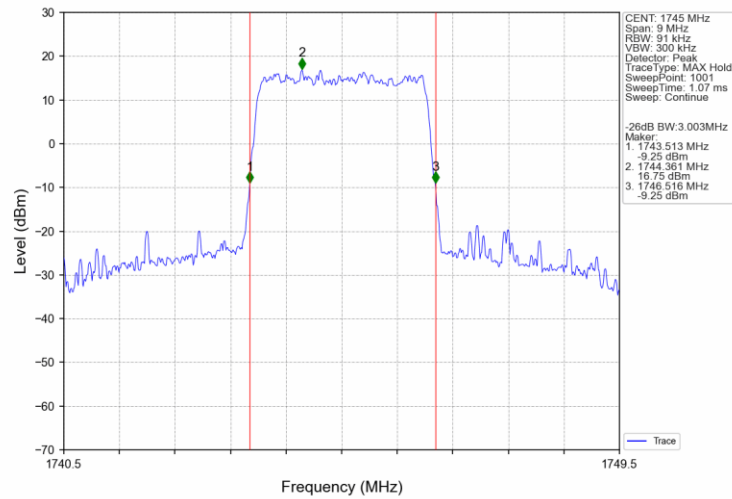
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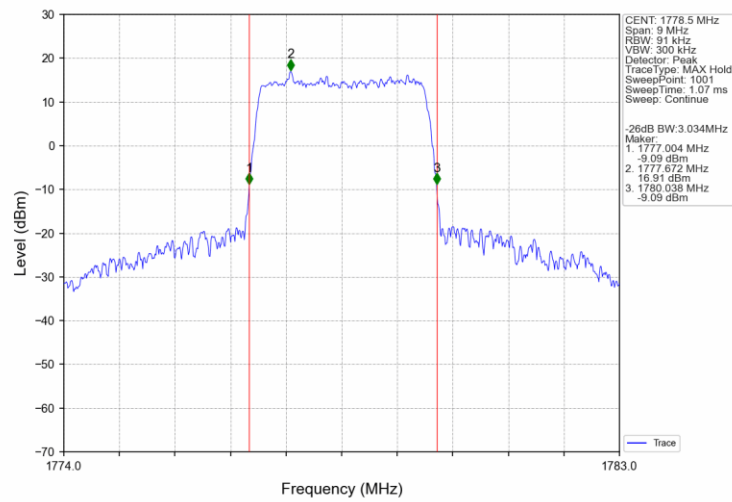
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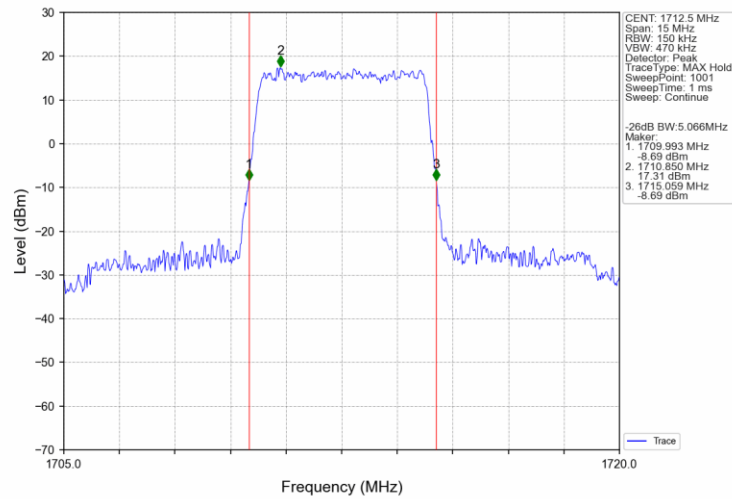
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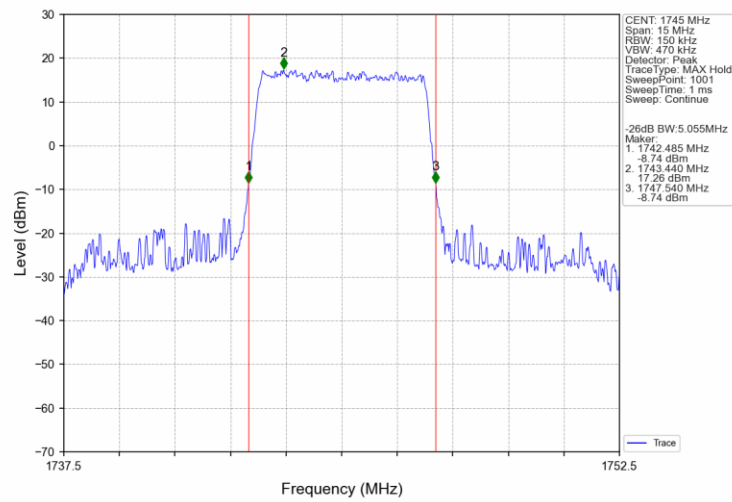
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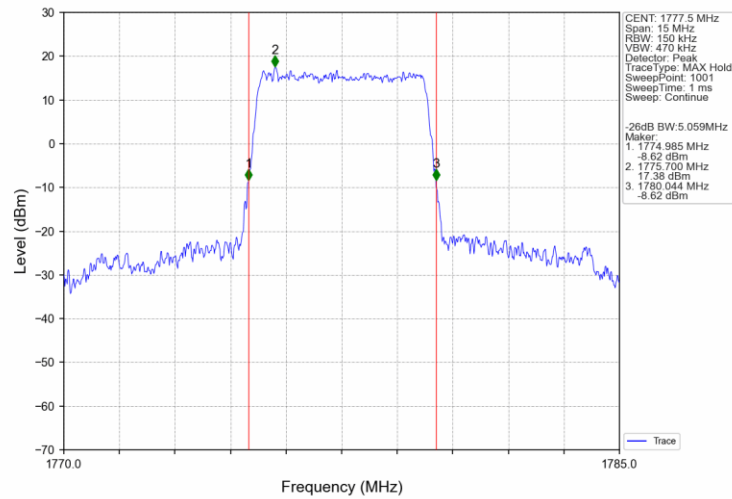
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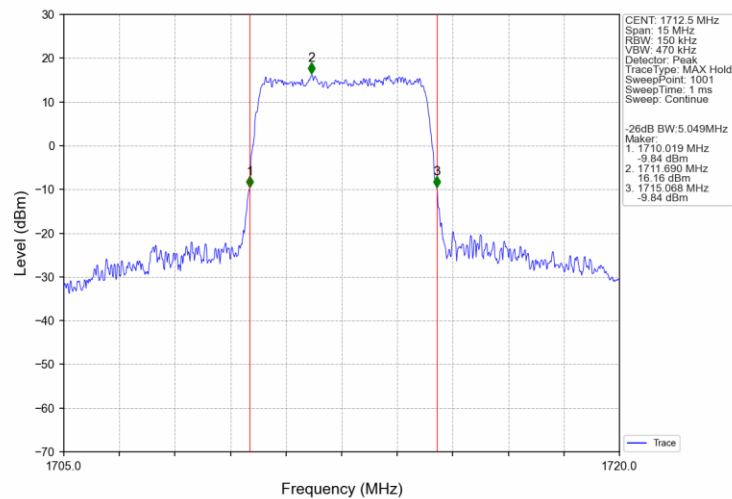
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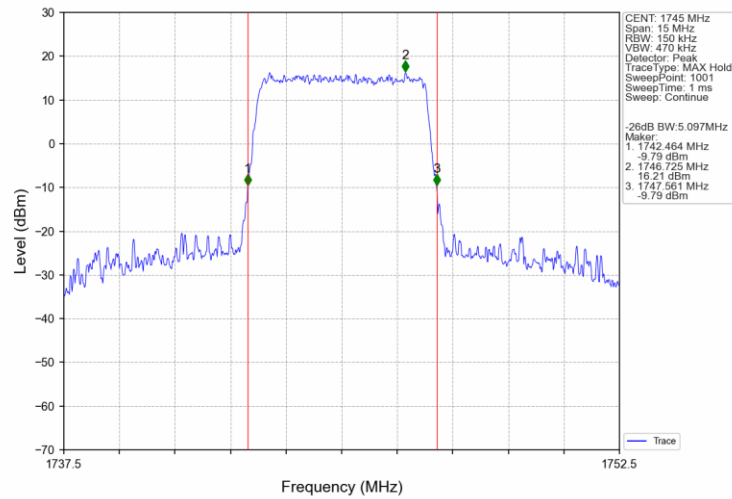
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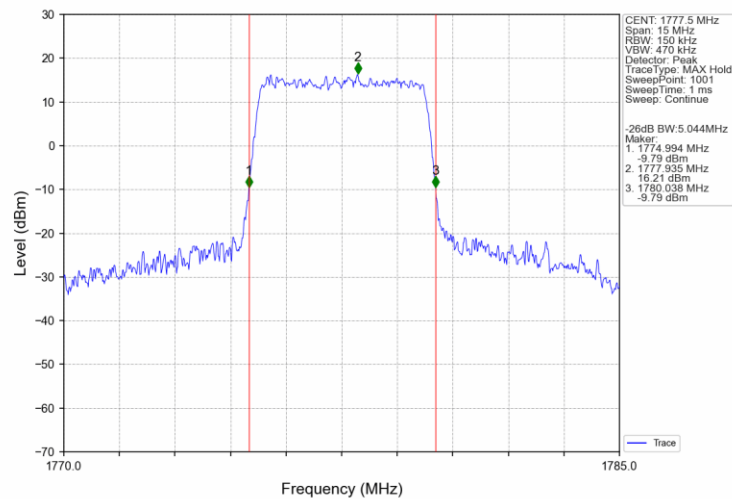
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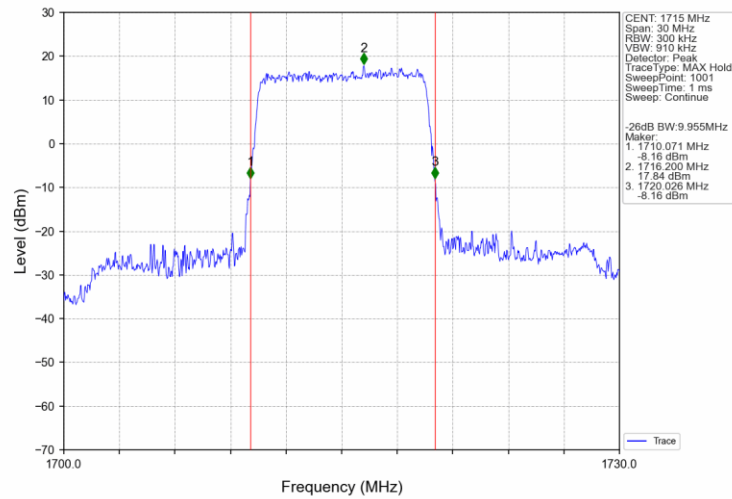
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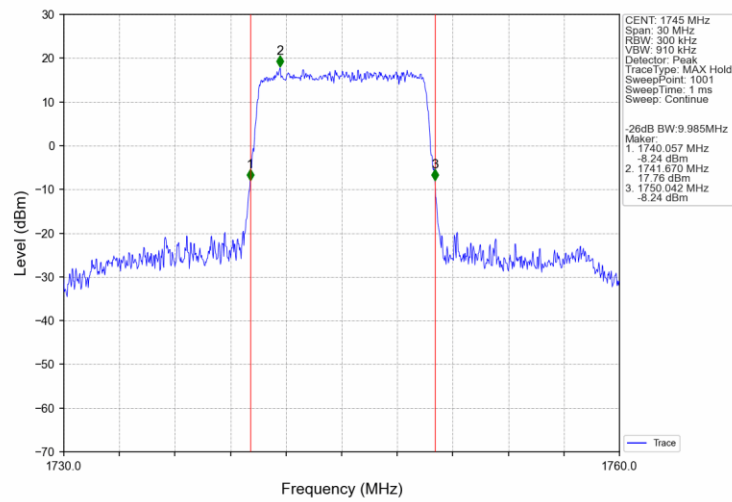
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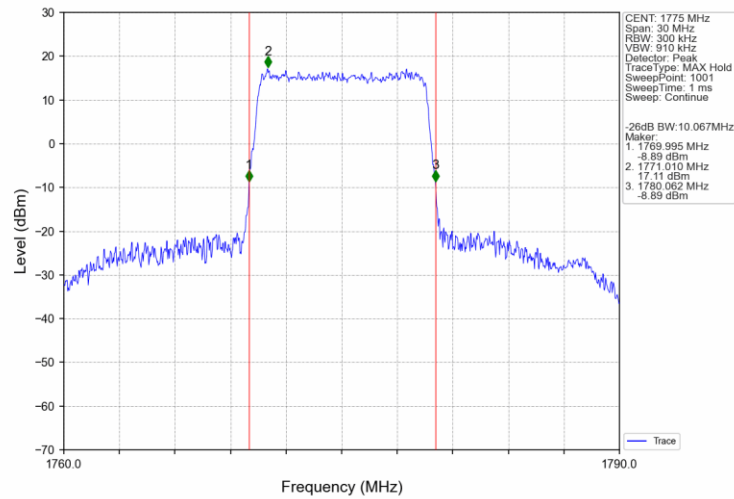
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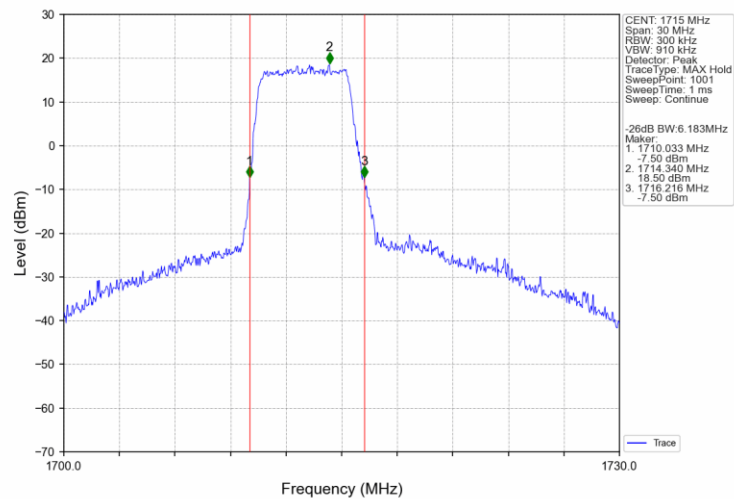
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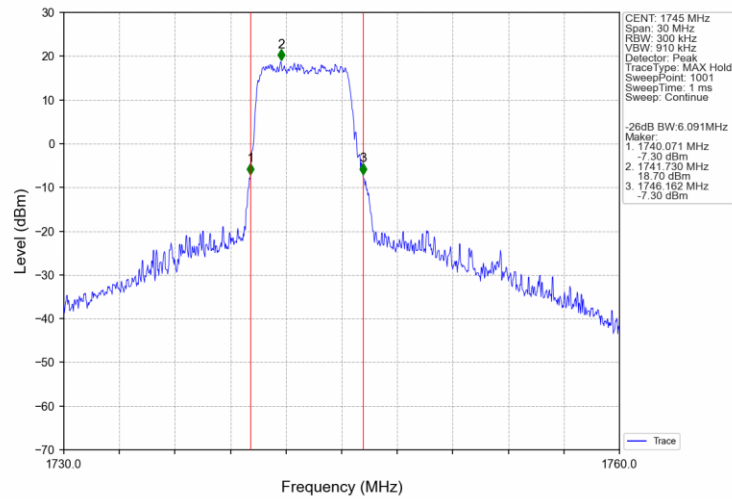
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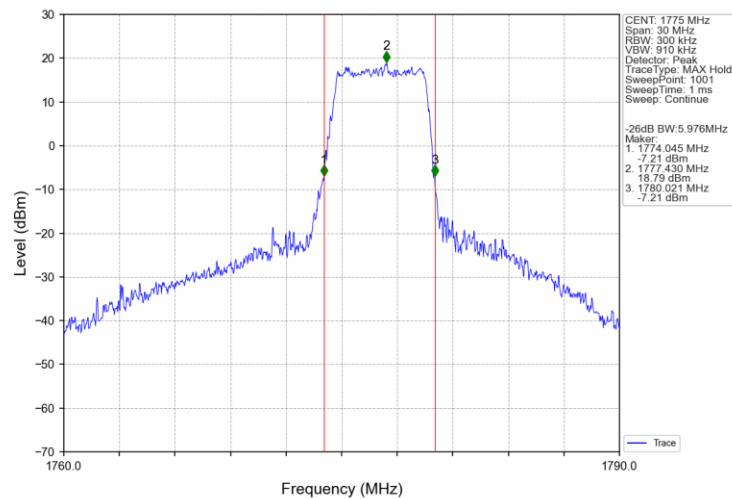
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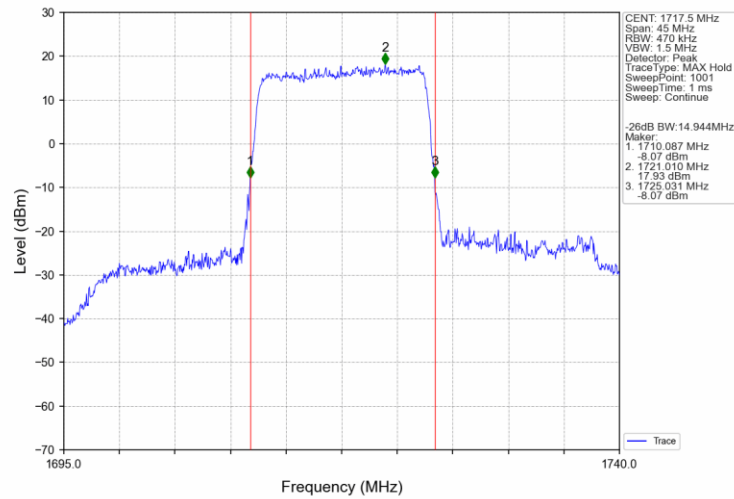
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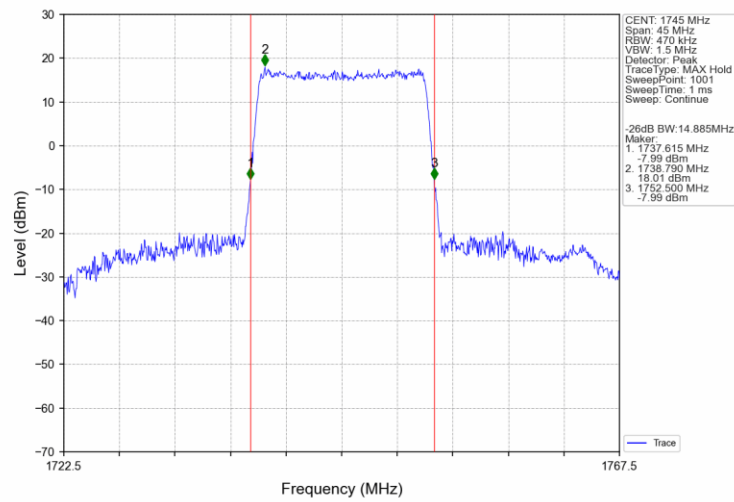
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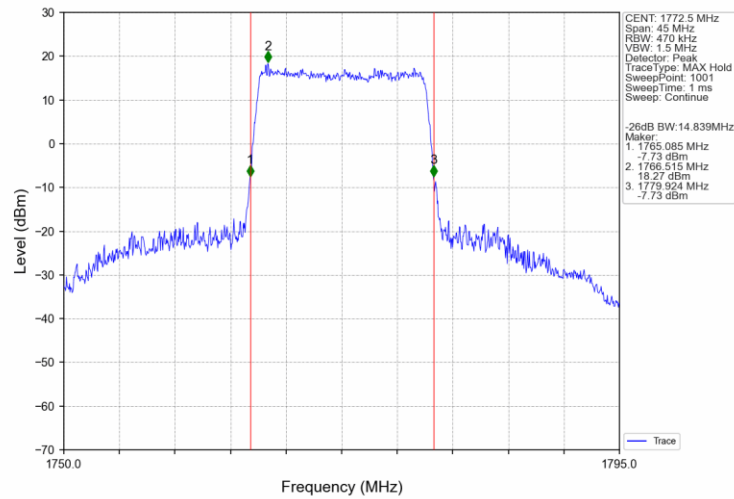
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Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



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

