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	22.13	1.08	23.21	<=30	Pass
			2	22.15	1.08	23.23	<=30	Pass
			5	22.16	1.08	23.24	<=30	Pass
		3	0	22.26	1.08	23.34	<=30	Pass
			2	22.27	1.08	23.35	<=30	Pass
			3	22.27	1.08	23.35	<=30	Pass
		6	0	21.26	1.08	22.34	<=30	Pass
	1745	1	0	22.37	1.08	23.45	<=30	Pass
			2	22.36	1.08	23.44	<=30	Pass
			5	22.37	1.08	23.45	<=30	Pass
		3	0	22.38	1.08	23.46	<=30	Pass
			2	22.40	1.08	23.48	<=30	Pass
			3	22.37	1.08	23.45	<=30	Pass
		6	0	21.38	1.08	22.46	<=30	Pass
	1779.3	1	0	22.39	1.08	23.47	<=30	Pass
			2	22.39	1.08	23.47	<=30	Pass
			5	22.39	1.08	23.47	<=30	Pass
		3	0	22.51	1.08	23.59	<=30	Pass
			2	22.52	1.08	23.60	<=30	Pass
			3	22.49	1.08	23.57	<=30	Pass
		6	0	21.49	1.08	22.57	<=30	Pass
16QAM	1710.7	1	0	21.24	1.08	22.32	<=30	Pass
			2	21.23	1.08	22.31	<=30	Pass
			5	21.25	1.08	22.33	<=30	Pass
		3	0	21.41	1.08	22.49	<=30	Pass
			2	21.44	1.08	22.52	<=30	Pass
			3	21.45	1.08	22.53	<=30	Pass
		6	0	20.25	1.08	21.33	<=30	Pass
	1745	1	0	21.58	1.08	22.66	<=30	Pass
			2	21.58	1.08	22.66	<=30	Pass
			5	21.54	1.08	22.62	<=30	Pass
		3	0	21.36	1.08	22.44	<=30	Pass
			2	21.35	1.08	22.43	<=30	Pass
			3	21.35	1.08	22.43	<=30	Pass
		6	0	20.37	1.08	21.45	<=30	Pass
	1779.3	1	0	21.49	1.08	22.57	<=30	Pass
			2	21.50	1.08	22.58	<=30	Pass
			5	21.50	1.08	22.58	<=30	Pass
		3	0	21.64	1.08	22.72	<=30	Pass
			2	21.68	1.08	22.76	<=30	Pass
			3	21.68	1.08	22.76	<=30	Pass
		6	0	20.43	1.08	21.51	<=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	22.21	1.08	23.29	<=30	Pass
			7	22.31	1.08	23.39	<=30	Pass
			14	22.27	1.08	23.35	<=30	Pass
		8	0	21.24	1.08	22.32	<=30	Pass
			4	21.26	1.08	22.34	<=30	Pass
			7	21.28	1.08	22.36	<=30	Pass
		15	0	21.27	1.08	22.35	<=30	Pass
	1745	1	0	22.37	1.08	23.45	<=30	Pass
			7	22.41	1.08	23.49	<=30	Pass
			14	22.35	1.08	23.43	<=30	Pass
		8	0	21.40	1.08	22.48	<=30	Pass
			4	21.40	1.08	22.48	<=30	Pass
			7	21.39	1.08	22.47	<=30	Pass
		15	0	21.40	1.08	22.48	<=30	Pass
	1778.5	1	0	22.56	1.08	23.64	<=30	Pass
			7	22.55	1.08	23.63	<=30	Pass
			14	22.55	1.08	23.63	<=30	Pass
		8	0	21.50	1.08	22.58	<=30	Pass
			4	21.46	1.08	22.54	<=30	Pass
			7	21.44	1.08	22.52	<=30	Pass
		15	0	21.52	1.08	22.60	<=30	Pass
16QAM	1711.5	1	0	21.31	1.08	22.39	<=30	Pass
			7	21.35	1.08	22.43	<=30	Pass
			14	21.32	1.08	22.40	<=30	Pass
		8	0	20.29	1.08	21.37	<=30	Pass
			4	20.33	1.08	21.41	<=30	Pass
			7	20.33	1.08	21.41	<=30	Pass
		15	0	20.28	1.08	21.36	<=30	Pass
	1745	1	0	21.59	1.08	22.67	<=30	Pass
			7	21.64	1.08	22.72	<=30	Pass
			14	21.53	1.08	22.61	<=30	Pass
		8	0	20.38	1.08	21.46	<=30	Pass
			4	20.37	1.08	21.45	<=30	Pass
			7	20.36	1.08	21.44	<=30	Pass
		15	0	20.35	1.08	21.43	<=30	Pass
	1778.5	1	0	22.05	1.08	23.13	<=30	Pass
			7	22.01	1.08	23.09	<=30	Pass
			14	21.95	1.08	23.03	<=30	Pass
		8	0	20.72	1.08	21.80	<=30	Pass
			4	20.68	1.08	21.76	<=30	Pass
			7	20.65	1.08	21.73	<=30	Pass
		15	0	20.60	1.08	21.68	<=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	22.29	1.08	23.37	<=30	Pass
			13	22.32	1.08	23.40	<=30	Pass
			24	22.33	1.08	23.41	<=30	Pass
		12	0	21.19	1.08	22.27	<=30	Pass
			6	21.24	1.08	22.32	<=30	Pass
			13	21.32	1.08	22.40	<=30	Pass

		25	0	21.26	1.08	22.34	<=30	Pass
	1745	1	0	22.37	1.08	23.45	<=30	Pass
			13	22.37	1.08	23.45	<=30	Pass
			24	22.37	1.08	23.45	<=30	Pass
		12	0	21.34	1.08	22.42	<=30	Pass
			6	21.34	1.08	22.42	<=30	Pass
			13	21.32	1.08	22.40	<=30	Pass
		25	0	21.35	1.08	22.43	<=30	Pass
	1777.5	1	0	22.66	1.08	23.74	<=30	Pass
			13	22.70	1.08	23.78	<=30	Pass
			24	22.65	1.08	23.73	<=30	Pass
		12	0	21.49	1.08	22.57	<=30	Pass
			6	21.50	1.08	22.58	<=30	Pass
			13	21.42	1.08	22.50	<=30	Pass
		25	0	21.49	1.08	22.57	<=30	Pass
16QAM	1712.5	1	0	21.38	1.08	22.46	<=30	Pass
			13	21.41	1.08	22.49	<=30	Pass
			24	21.40	1.08	22.48	<=30	Pass
		12	0	20.19	1.08	21.27	<=30	Pass
			6	20.22	1.08	21.30	<=30	Pass
			13	20.27	1.08	21.35	<=30	Pass
		25	0	20.29	1.08	21.37	<=30	Pass
	1745	1	0	21.64	1.08	22.72	<=30	Pass
			13	21.63	1.08	22.71	<=30	Pass
			24	21.61	1.08	22.69	<=30	Pass
		12	0	20.39	1.08	21.47	<=30	Pass
			6	20.37	1.08	21.45	<=30	Pass
			13	20.36	1.08	21.44	<=30	Pass
		25	0	20.33	1.08	21.41	<=30	Pass
	1777.5	1	0	21.39	1.08	22.47	<=30	Pass
			13	21.36	1.08	22.44	<=30	Pass
			24	21.38	1.08	22.46	<=30	Pass
		12	0	20.49	1.08	21.57	<=30	Pass
			6	20.49	1.08	21.57	<=30	Pass
			13	20.41	1.08	21.49	<=30	Pass
		25	0	20.50	1.08	21.58	<=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	22.23	1.08	23.31	<=30	Pass
			25	22.31	1.08	23.39	<=30	Pass
			49	22.28	1.08	23.36	<=30	Pass
		25	0	21.14	1.08	22.22	<=30	Pass
			13	21.29	1.08	22.37	<=30	Pass
			25	21.37	1.08	22.45	<=30	Pass
		50	0	21.30	1.08	22.38	<=30	Pass
	1745	1	0	22.29	1.08	23.37	<=30	Pass
			25	22.38	1.08	23.46	<=30	Pass
			49	22.30	1.08	23.38	<=30	Pass
		25	0	21.28	1.08	22.36	<=30	Pass
			13	21.34	1.08	22.42	<=30	Pass
			25	21.39	1.08	22.47	<=30	Pass
		50	0	21.40	1.08	22.48	<=30	Pass

	1775	1	0	22.45	1.08	23.53	<=30	Pass
			25	22.57	1.08	23.65	<=30	Pass
			49	22.49	1.08	23.57	<=30	Pass
		25	0	21.43	1.08	22.51	<=30	Pass
			13	21.55	1.08	22.63	<=30	Pass
			25	21.52	1.08	22.60	<=30	Pass
		50	0	21.53	1.08	22.61	<=30	Pass
16QAM	1715	1	0	21.24	1.08	22.32	<=30	Pass
			25	21.30	1.08	22.38	<=30	Pass
			49	21.30	1.08	22.38	<=30	Pass
		25	0	20.22	1.08	21.30	<=30	Pass
			13	20.36	1.08	21.44	<=30	Pass
			25	20.43	1.08	21.51	<=30	Pass
		50	0	20.28	1.08	21.36	<=30	Pass
	1745	1	0	21.47	1.08	22.55	<=30	Pass
			25	21.57	1.08	22.65	<=30	Pass
			49	21.47	1.08	22.55	<=30	Pass
		25	0	20.33	1.08	21.41	<=30	Pass
			13	20.38	1.08	21.46	<=30	Pass
			25	20.44	1.08	21.52	<=30	Pass
		50	0	20.39	1.08	21.47	<=30	Pass
	1775	1	0	21.98	1.08	23.06	<=30	Pass
			25	22.03	1.08	23.11	<=30	Pass
			49	21.93	1.08	23.01	<=30	Pass
		25	0	20.51	1.08	21.59	<=30	Pass
			13	20.57	1.08	21.65	<=30	Pass
			25	20.56	1.08	21.64	<=30	Pass
		50	0	20.49	1.08	21.57	<=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	22.08	1.08	23.16	<=30	Pass
			38	22.25	1.08	23.33	<=30	Pass
			74	22.17	1.08	23.25	<=30	Pass
		36	0	21.13	1.08	22.21	<=30	Pass
			18	21.26	1.08	22.34	<=30	Pass
			39	21.27	1.08	22.35	<=30	Pass
		75	0	21.25	1.08	22.33	<=30	Pass
	1745	1	0	22.25	1.08	23.33	<=30	Pass
			38	22.39	1.08	23.47	<=30	Pass
			74	22.27	1.08	23.35	<=30	Pass
		36	0	21.30	1.08	22.38	<=30	Pass
			18	21.35	1.08	22.43	<=30	Pass
			39	21.37	1.08	22.45	<=30	Pass
		75	0	21.40	1.08	22.48	<=30	Pass
	1772.5	1	0	22.32	1.08	23.40	<=30	Pass
			38	22.54	1.08	23.62	<=30	Pass
			74	22.46	1.08	23.54	<=30	Pass
		36	0	21.41	1.08	22.49	<=30	Pass
			18	21.52	1.08	22.60	<=30	Pass
			39	21.54	1.08	22.62	<=30	Pass
		75	0	21.52	1.08	22.60	<=30	Pass
16QAM	1717.5	1	0	21.50	1.08	22.58	<=30	Pass

			38	21.67	1.08	22.75	<=30	Pass
			74	21.58	1.08	22.66	<=30	Pass
		36	0	20.09	1.08	21.17	<=30	Pass
			18	20.23	1.08	21.31	<=30	Pass
			39	20.26	1.08	21.34	<=30	Pass
		75	0	20.24	1.08	21.32	<=30	Pass
	1745	1	0	21.42	1.08	22.50	<=30	Pass
			38	21.55	1.08	22.63	<=30	Pass
			74	21.44	1.08	22.52	<=30	Pass
		36	0	20.33	1.08	21.41	<=30	Pass
			18	20.39	1.08	21.47	<=30	Pass
			39	20.38	1.08	21.46	<=30	Pass
		75	0	20.38	1.08	21.46	<=30	Pass
	1772.5	1	0	21.84	1.08	22.92	<=30	Pass
			38	22.07	1.08	23.15	<=30	Pass
			74	21.93	1.08	23.01	<=30	Pass
		36	0	20.47	1.08	21.55	<=30	Pass
			18	20.55	1.08	21.63	<=30	Pass
			39	20.57	1.08	21.65	<=30	Pass
		75	0	20.51	1.08	21.59	<=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	22.12	1.08	23.20	<=30	Pass
			50	22.27	1.08	23.35	<=30	Pass
			99	22.19	1.08	23.27	<=30	Pass
		50	0	21.06	1.08	22.14	<=30	Pass
			25	21.30	1.08	22.38	<=30	Pass
			50	21.26	1.08	22.34	<=30	Pass
		100	0	21.15	1.08	22.23	<=30	Pass
	1745	1	0	22.23	1.08	23.31	<=30	Pass
			50	22.41	1.08	23.49	<=30	Pass
			99	22.25	1.08	23.33	<=30	Pass
		50	0	21.33	1.08	22.41	<=30	Pass
			25	21.40	1.08	22.48	<=30	Pass
			50	21.46	1.08	22.54	<=30	Pass
		100	0	21.41	1.08	22.49	<=30	Pass
	1770	1	0	22.19	1.08	23.27	<=30	Pass
			50	22.48	1.08	23.56	<=30	Pass
			99	22.34	1.08	23.42	<=30	Pass
		50	0	21.53	1.08	22.61	<=30	Pass
			25	21.50	1.08	22.58	<=30	Pass
			50	21.61	1.08	22.69	<=30	Pass
		100	0	21.56	1.08	22.64	<=30	Pass
16QAM	1720	1	0	21.71	1.08	22.79	<=30	Pass
			50	21.86	1.08	22.94	<=30	Pass
			99	21.80	1.08	22.88	<=30	Pass
		50	0	20.01	1.08	21.09	<=30	Pass
			25	20.26	1.08	21.34	<=30	Pass
			50	20.24	1.08	21.32	<=30	Pass
		100	0	20.15	1.08	21.23	<=30	Pass
	1745	1	0	21.43	1.08	22.51	<=30	Pass
			50	21.63	1.08	22.71	<=30	Pass

			99	21.45	1.08	22.53	<=30	Pass
		50	0	20.29	1.08	21.37	<=30	Pass
			25	20.38	1.08	21.46	<=30	Pass
			50	20.41	1.08	21.49	<=30	Pass
		100	0	20.37	1.08	21.45	<=30	Pass
	1770	1	0	21.49	1.08	22.57	<=30	Pass
			50	21.74	1.08	22.82	<=30	Pass
			99	21.59	1.08	22.67	<=30	Pass
		50	0	20.52	1.08	21.60	<=30	Pass
			25	20.50	1.08	21.58	<=30	Pass
			50	20.57	1.08	21.65	<=30	Pass
		100	0	20.53	1.08	21.61	<=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	12.188	0.0071	-2.5 to 2.5	Pass
					3.85	-31.414	-0.0184	-2.5 to 2.5	Pass
					4.43	2.389	0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	3.734	0.0022	-2.5 to 2.5	Pass
				0	3.85	8.340	0.0049	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-7.138	-0.0042	-2.5 to 2.5	Pass
				50	3.85	3.018	0.0018	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-49.882	-0.0286	-2.5 to 2.5	Pass
					3.85	-28.110	-0.0161	-2.5 to 2.5	Pass
					4.43	-5.836	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	3.963	0.0023	-2.5 to 2.5	Pass
				-20	3.85	5.107	0.0029	-2.5 to 2.5	Pass
				-10	3.85	9.842	0.0056	-2.5 to 2.5	Pass
				0	3.85	9.284	0.0053	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				40	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-51.441	-0.0289	-2.5 to 2.5	Pass
					3.85	-25.449	-0.0143	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	5.393	0.0030	-2.5 to 2.5	Pass
				-20	3.85	9.956	0.0056	-2.5 to 2.5	Pass
				-10	3.85	8.669	0.0049	-2.5 to 2.5	Pass
				0	3.85	8.483	0.0048	-2.5 to 2.5	Pass
				10	3.85	5.894	0.0033	-2.5 to 2.5	Pass
				30	3.85	5.565	0.0031	-2.5 to 2.5	Pass
				40	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	9.012	0.0053	-2.5 to 2.5	Pass
					3.85	3.533	0.0021	-2.5 to 2.5	Pass
					4.43	-7.410	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-12.474	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				10	3.85	3.862	0.0023	-2.5 to 2.5	Pass
				30	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				40	3.85	-6.266	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-7.210	-0.0042	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	13.676	0.0078	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.705	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.675	0.0015	-2.5 to 2.5	Pass
				0	3.85	10.071	0.0058	-2.5 to 2.5	Pass
				10	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
				30	3.85	8.526	0.0049	-2.5 to 2.5	Pass
				40	3.85	8.440	0.0048	-2.5 to 2.5	Pass
				50	3.85	4.592	0.0026	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	2.475	0.0014	-2.5 to 2.5	Pass
					3.85	10.114	0.0057	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	4.349	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				0	3.85	3.576	0.0020	-2.5 to 2.5	Pass
				10	3.85	-13.862	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-7.124	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0009	-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	10.271	0.0060	-2.5 to 2.5	Pass
					3.85	-33.789	-0.0197	-2.5 to 2.5	Pass
					4.43	6.108	0.0036	-2.5 to 2.5	Pass
				-30	3.85	7.482	0.0044	-2.5 to 2.5	Pass
				-20	3.85	4.706	0.0027	-2.5 to 2.5	Pass
				-10	3.85	6.466	0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				10	3.85	2.575	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				50	3.85	2.532	0.0015	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-66.218	-0.0379	-2.5 to 2.5	Pass
					3.85	-32.287	-0.0185	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	7.782	0.0045	-2.5 to 2.5	Pass
				0	3.85	2.661	0.0015	-2.5 to 2.5	Pass

				10	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				40	3.85	7.024	0.0040	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-68.135	-0.0383	-2.5 to 2.5	Pass
					3.85	-36.793	-0.0207	-2.5 to 2.5	Pass
					4.43	1.988	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				0	3.85	6.423	0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0002	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	6.609	0.0039	-2.5 to 2.5	Pass
					3.85	4.692	0.0027	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				50	3.85	2.718	0.0016	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	3.676	0.0021	-2.5 to 2.5	Pass
					3.85	3.476	0.0020	-2.5 to 2.5	Pass
					4.43	0.930	0.0005	-2.5 to 2.5	Pass
				-30	3.85	4.978	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				0	3.85	7.768	0.0045	-2.5 to 2.5	Pass
				10	3.85	4.921	0.0028	-2.5 to 2.5	Pass
				30	3.85	8.926	0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				50	3.85	3.147	0.0018	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-4.134	-0.0023	-2.5 to 2.5	Pass
					3.85	2.246	0.0013	-2.5 to 2.5	Pass
					4.43	-0.286	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	5.350	0.0030	-2.5 to 2.5	Pass
				-10	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				10	3.85	5.994	0.0034	-2.5 to 2.5	Pass
				30	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.888	-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	-0.558	-0.0003	-2.5 to 2.5	Pass
					3.85	2.704	0.0016	-2.5 to 2.5	Pass
					4.43	9.599	0.0056	-2.5 to 2.5	Pass

				-30	3.85	8.554	0.0050	-2.5 to 2.5	Pass
				-20	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.85	6.566	0.0038	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				30	3.85	8.912	0.0052	-2.5 to 2.5	Pass
				40	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.831	0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-46.964	-0.0269	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.43	8.712	0.0050	-2.5 to 2.5	Pass
				-30	3.85	9.270	0.0053	-2.5 to 2.5	Pass
				-20	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-10	3.85	8.812	0.0050	-2.5 to 2.5	Pass
				0	3.85	10.715	0.0061	-2.5 to 2.5	Pass
				10	3.85	4.721	0.0027	-2.5 to 2.5	Pass
				30	3.85	9.184	0.0053	-2.5 to 2.5	Pass
				40	3.85	7.510	0.0043	-2.5 to 2.5	Pass
				50	3.85	2.933	0.0017	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-41.242	-0.0232	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
					4.43	0.801	0.0005	-2.5 to 2.5	Pass
				-30	3.85	4.292	0.0024	-2.5 to 2.5	Pass
				-20	3.85	4.635	0.0026	-2.5 to 2.5	Pass
				-10	3.85	9.971	0.0056	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				10	3.85	4.621	0.0026	-2.5 to 2.5	Pass
				30	3.85	7.110	0.0040	-2.5 to 2.5	Pass
				40	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	3.533	0.0021	-2.5 to 2.5	Pass
					3.85	0.587	0.0003	-2.5 to 2.5	Pass
					4.43	6.351	0.0037	-2.5 to 2.5	Pass
				-30	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				0	3.85	-6.437	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				40	3.85	5.064	0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	8.097	0.0046	-2.5 to 2.5	Pass
					3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
					4.43	1.631	0.0009	-2.5 to 2.5	Pass
				-30	3.85	8.211	0.0047	-2.5 to 2.5	Pass
				-20	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				10	3.85	10.757	0.0062	-2.5 to 2.5	Pass
				30	3.85	3.948	0.0023	-2.5 to 2.5	Pass
				40	3.85	8.240	0.0047	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	7.410	0.0042	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	5.865	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass

				10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				30	3.85	6.580	0.0037	-2.5 to 2.5	Pass
				40	3.85	4.420	0.0025	-2.5 to 2.5	Pass
				50	3.85	7.753	0.0044	-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	-14.362	-0.0084	-2.5 to 2.5	Pass
					3.85	2.875	0.0017	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	6.151	0.0036	-2.5 to 2.5	Pass
				-20	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				0	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				40	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.332	0.0014	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-22.731	-0.0130	-2.5 to 2.5	Pass
					3.85	2.661	0.0015	-2.5 to 2.5	Pass
					4.43	6.952	0.0040	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				0	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				50	3.85	3.390	0.0019	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-19.555	-0.0110	-2.5 to 2.5	Pass
					3.85	7.496	0.0042	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	3.390	0.0019	-2.5 to 2.5	Pass
				-20	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-10	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				0	3.85	5.107	0.0029	-2.5 to 2.5	Pass
				10	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				50	3.85	3.562	0.0020	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	5.937	0.0035	-2.5 to 2.5	Pass
					3.85	1.760	0.0010	-2.5 to 2.5	Pass
					4.43	1.173	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				10	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				30	3.85	5.064	0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	2.275	0.0013	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	3.705	0.0021	-2.5 to 2.5	Pass
					3.85	0.458	0.0003	-2.5 to 2.5	Pass
					4.43	1.702	0.0010	-2.5 to 2.5	Pass

				-30	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
					4.43	0.901	0.0005	-2.5 to 2.5	Pass
				-30	3.85	4.520	0.0025	-2.5 to 2.5	Pass
				-20	3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				30	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-5.050	-0.0028	-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	-8.254	-0.0048	-2.5 to 2.5	Pass
					3.85	3.548	0.0021	-2.5 to 2.5	Pass
					4.43	3.018	0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.548	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				40	3.85	9.012	0.0052	-2.5 to 2.5	Pass
				50	3.85	3.462	0.0020	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-17.982	-0.0103	-2.5 to 2.5	Pass
					3.85	2.489	0.0014	-2.5 to 2.5	Pass
					4.43	4.306	0.0025	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.692	0.0027	-2.5 to 2.5	Pass
				-10	3.85	4.048	0.0023	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				50	3.85	2.017	0.0012	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-23.189	-0.0131	-2.5 to 2.5	Pass
					3.85	3.605	0.0020	-2.5 to 2.5	Pass
					4.43	2.532	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass

				50	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	4.764	0.0028	-2.5 to 2.5	Pass
					3.85	1.473	0.0009	-2.5 to 2.5	Pass
					4.43	2.918	0.0017	-2.5 to 2.5	Pass
				-30	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.505	0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				30	3.85	7.281	0.0042	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	2.460	0.0014	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	5.121	0.0029	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	3.190	0.0018	-2.5 to 2.5	Pass
				-20	3.85	3.333	0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				10	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	3.047	0.0017	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.186	0.0001	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.034	-0.0023	-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	-10.028	-0.0058	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.243	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				40	3.85	2.246	0.0013	-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	-6.723	-0.0039	-2.5 to 2.5	Pass
					3.85	1.059	0.0006	-2.5 to 2.5	Pass
					4.43	-1.903	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass

				0	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-18.954	-0.0107	-2.5 to 2.5	Pass
					3.85	3.147	0.0018	-2.5 to 2.5	Pass
					4.43	0.129	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	3.018	0.0018	-2.5 to 2.5	Pass
					3.85	2.275	0.0013	-2.5 to 2.5	Pass
					4.43	2.489	0.0014	-2.5 to 2.5	Pass
				-30	3.85	4.749	0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.875	0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.615	0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.390	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				40	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.616	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.722	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.679	-0.0032	-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	50	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

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

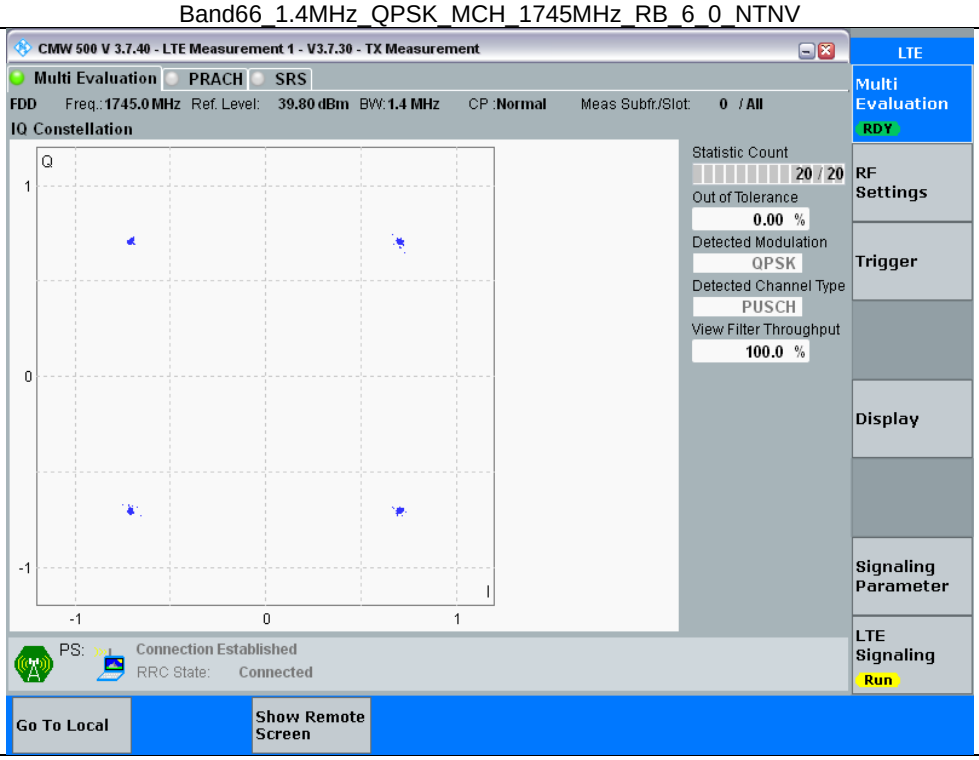
3.1.6 B66_20MHz

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

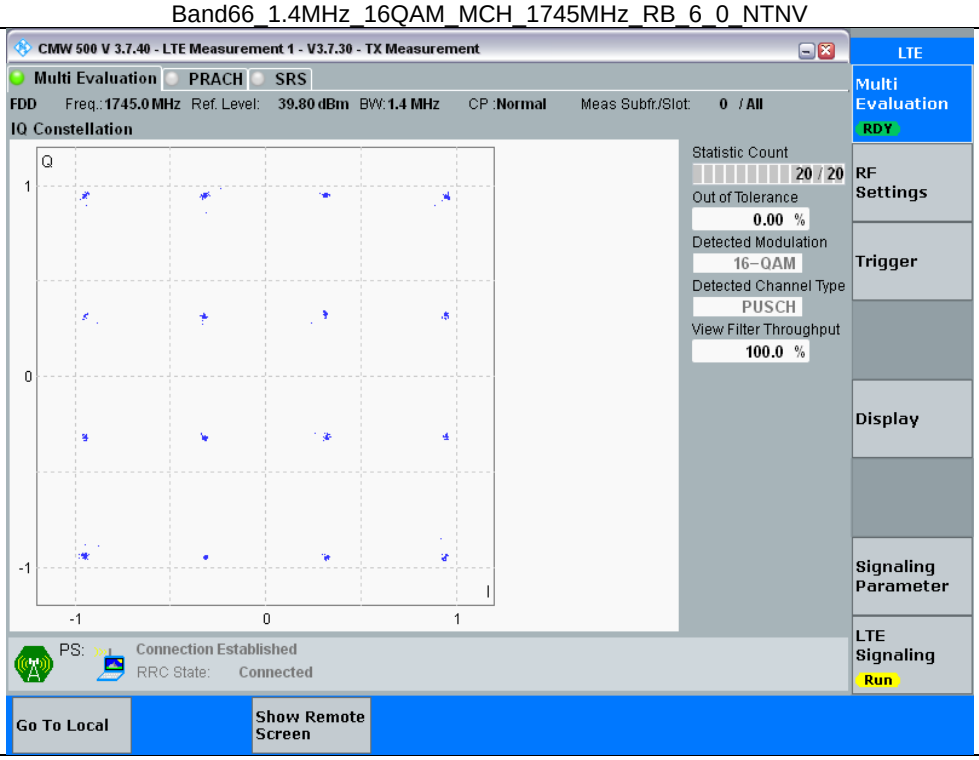
3.2 Test Graph

3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

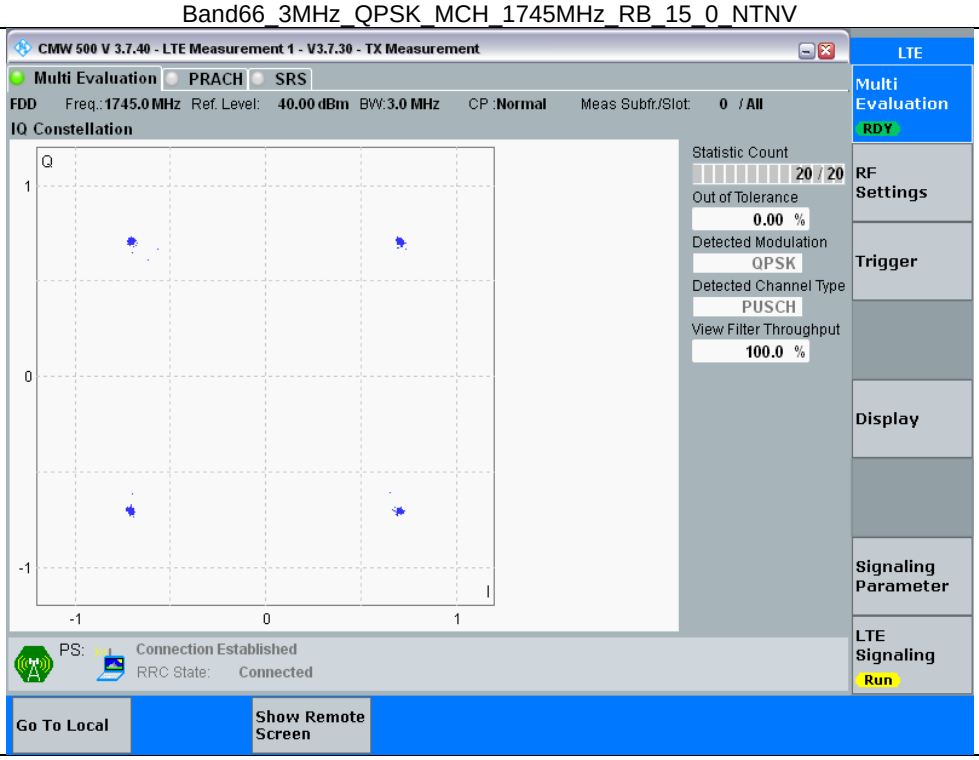


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

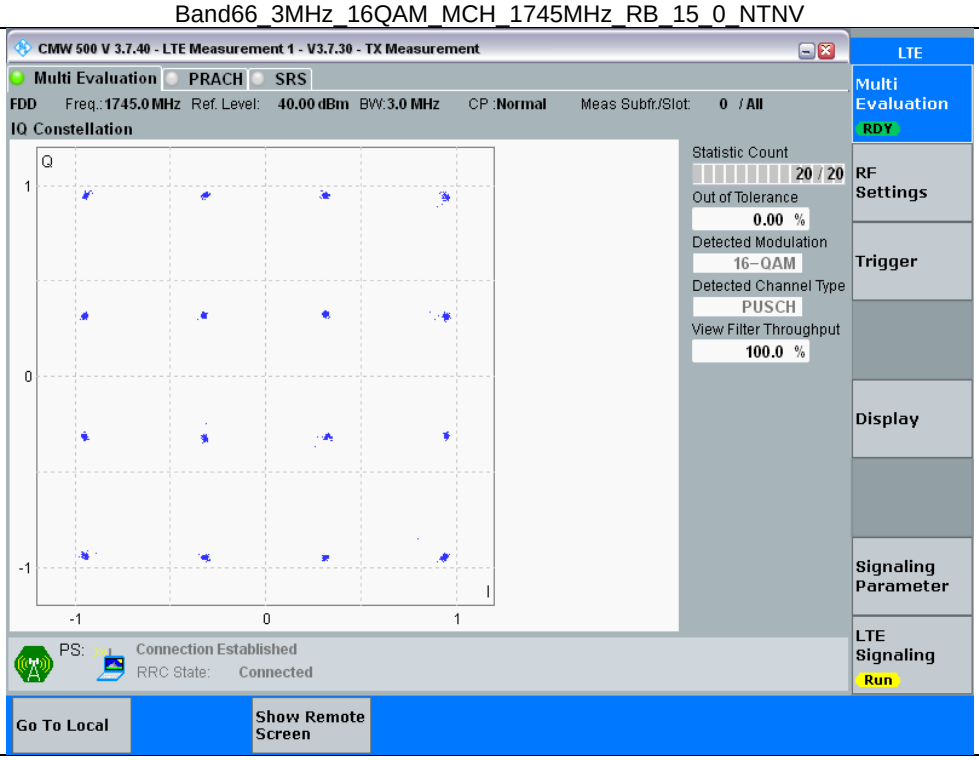


3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

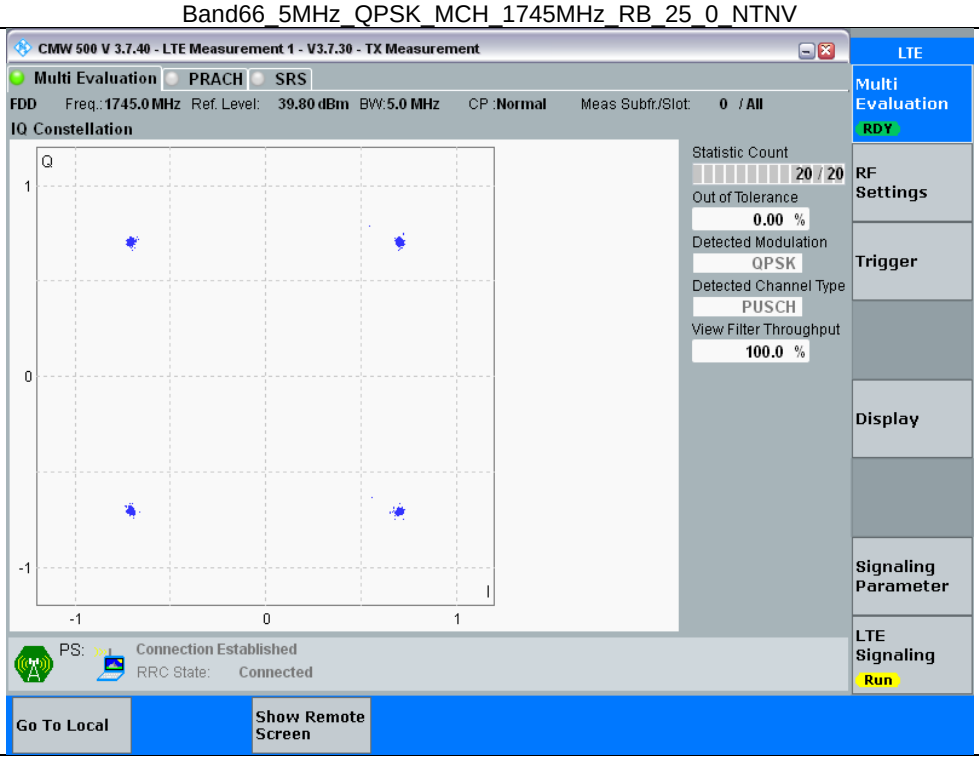


Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

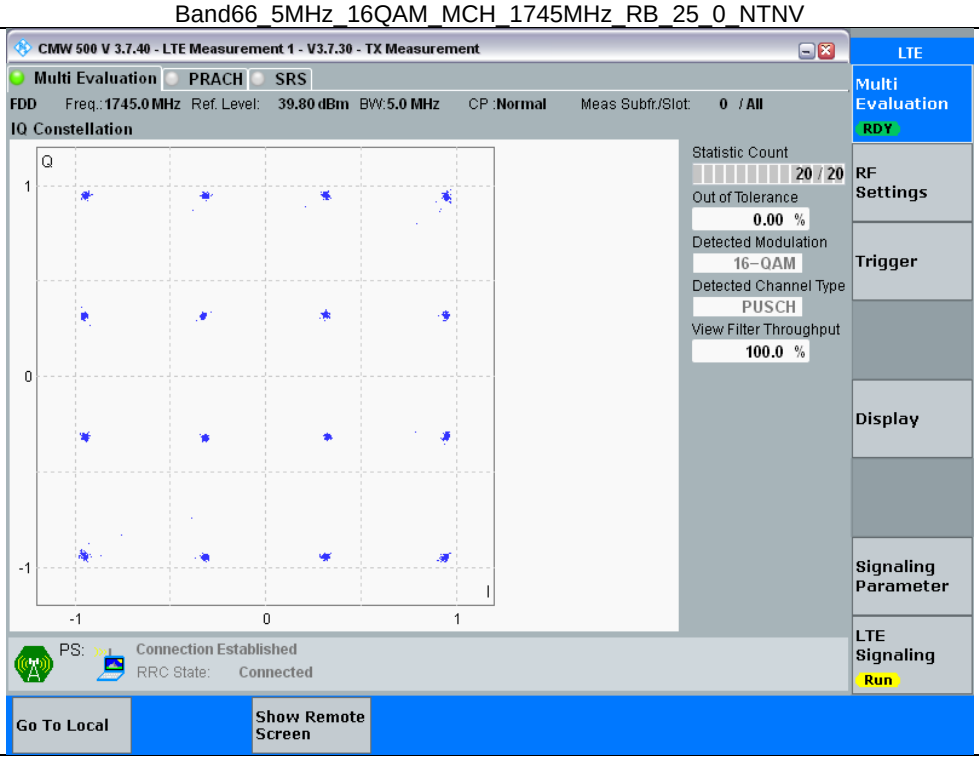


3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

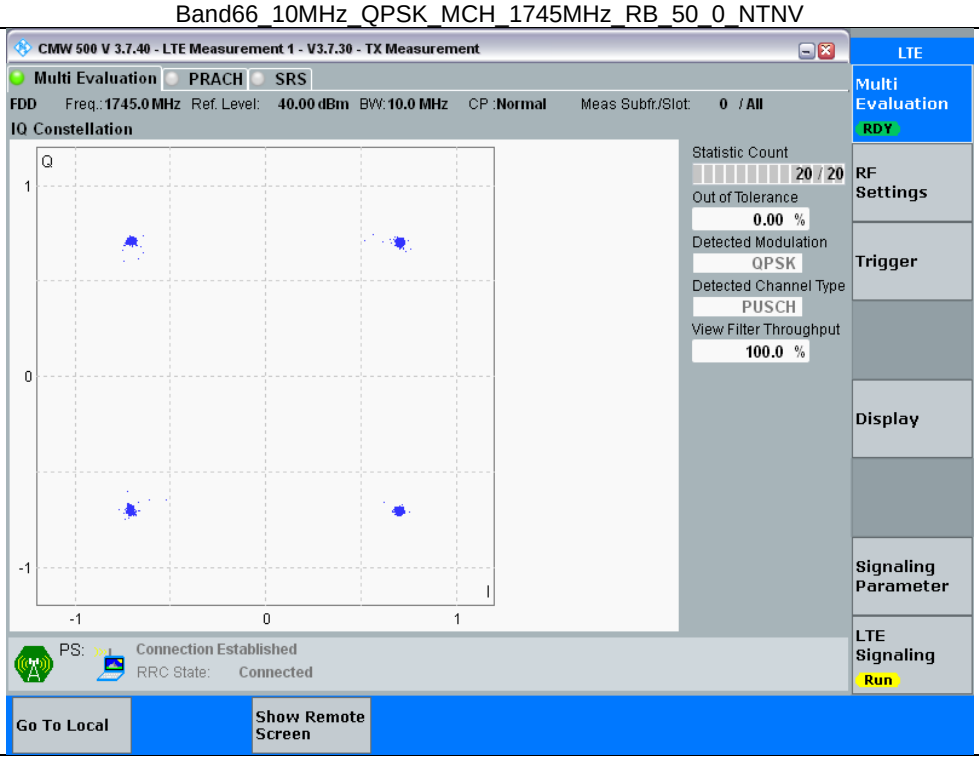


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

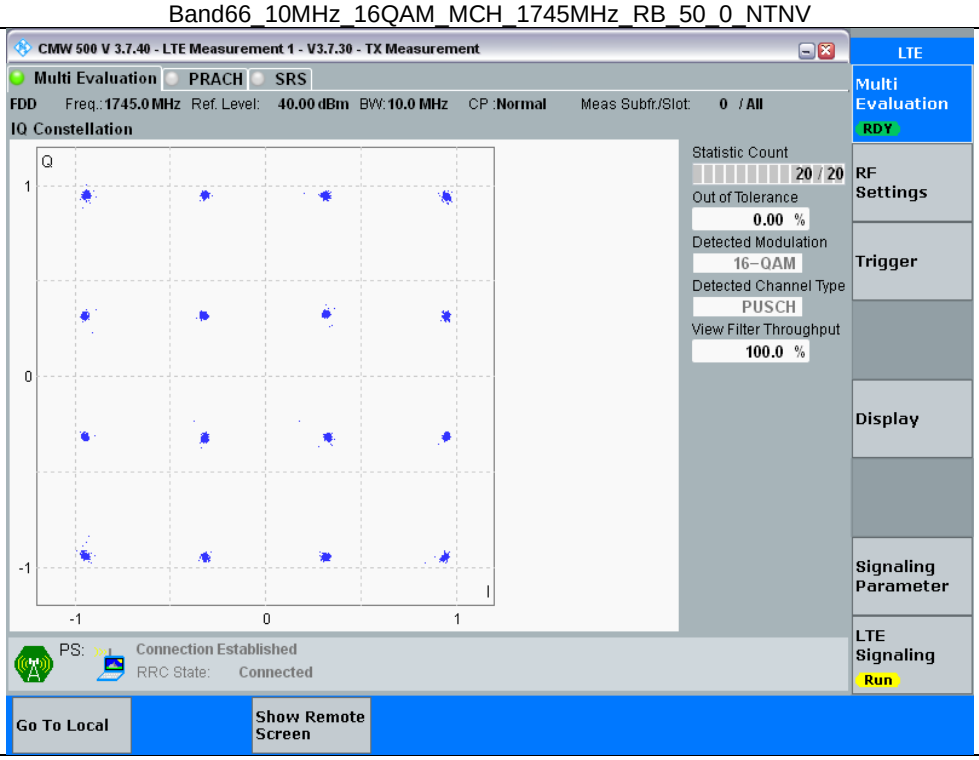


3.2.4 B66_10MHz

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

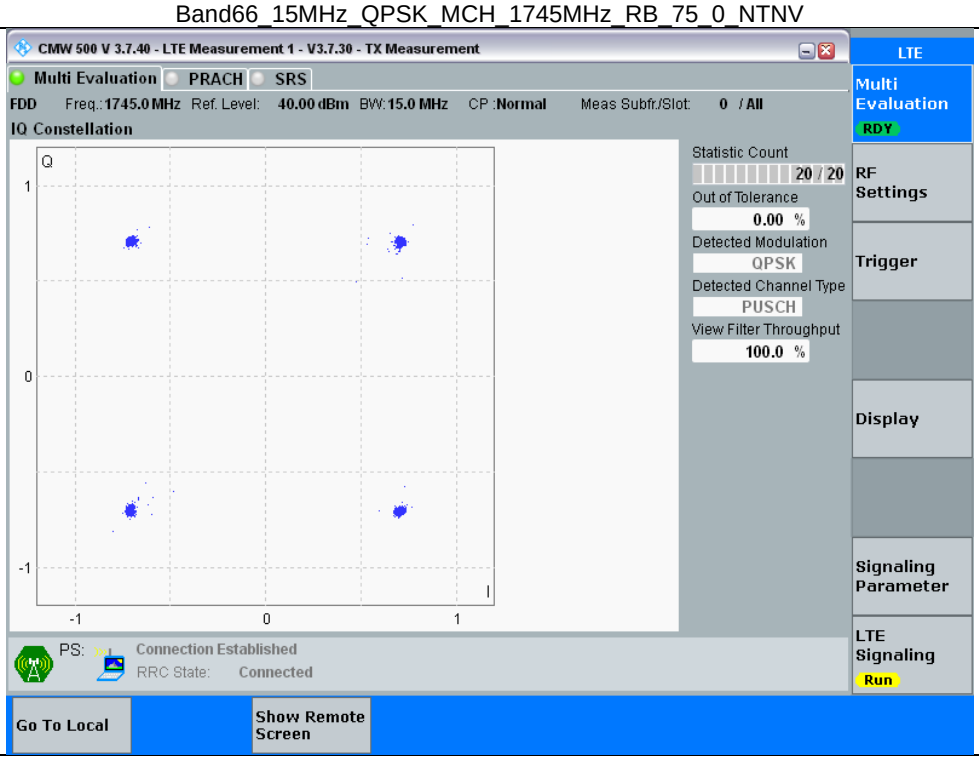


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

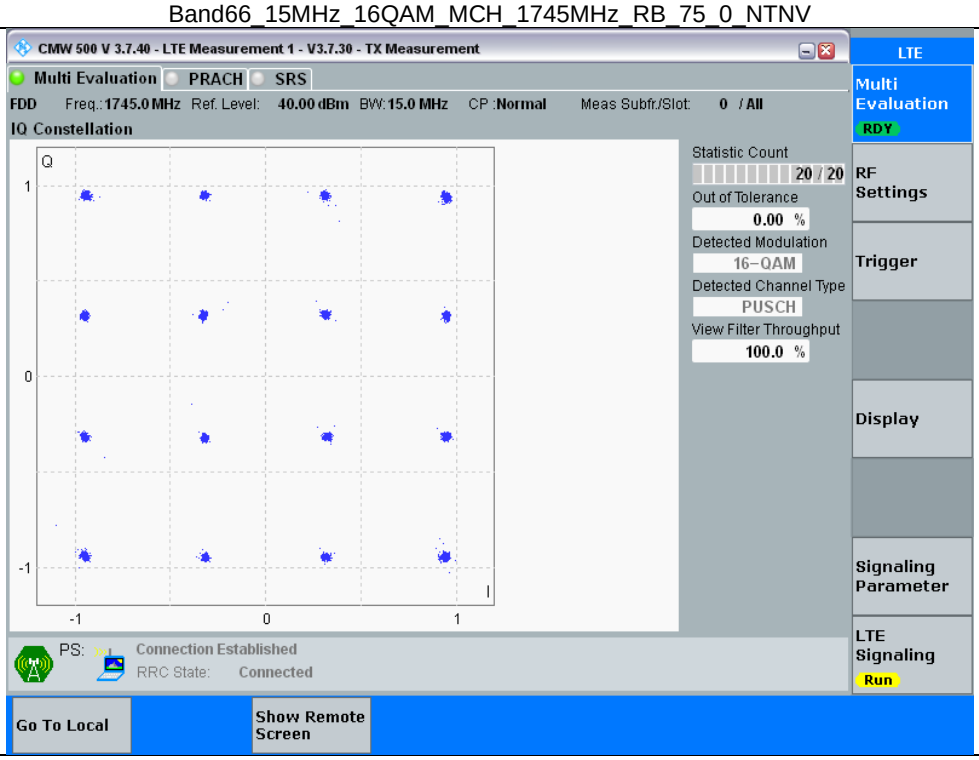


3.2.5 B66_15MHz

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

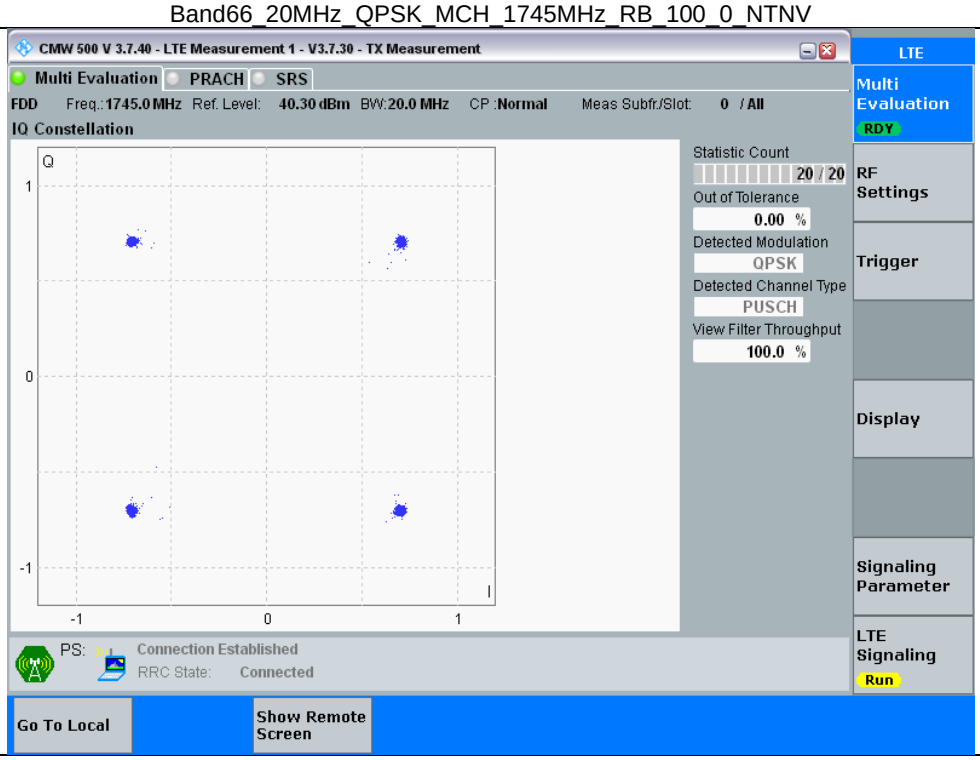


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

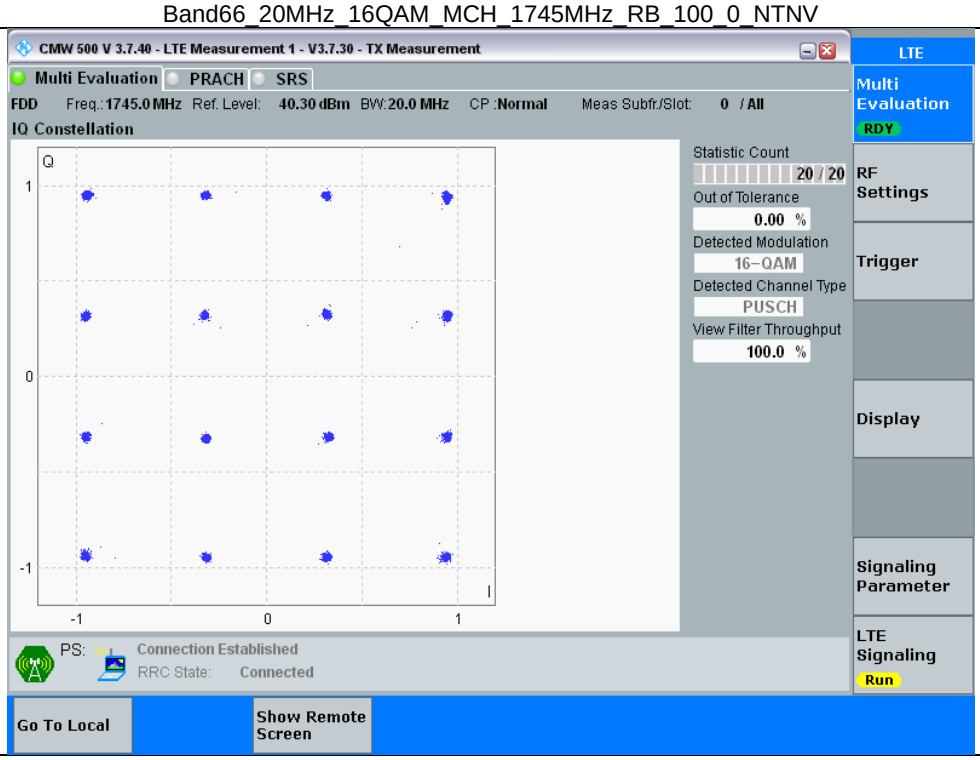


3.2.6 B66_20MHz

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



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	1.104	/	Pass
		1745	6	0	1.119	/	Pass
		1779.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.102	/	Pass
3	QPSK	1711.5	15	0	2.736	/	Pass
		1745	15	0	2.742	/	Pass
		1778.5	15	0	2.732	/	Pass
	16QAM	1711.5	15	0	2.723	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.735	/	Pass
5	QPSK	1712.5	25	0	4.539	/	Pass
		1745	25	0	4.536	/	Pass
		1777.5	25	0	4.560	/	Pass
	16QAM	1712.5	25	0	4.554	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.530	/	Pass
10	QPSK	1715	50	0	9.065	/	Pass
		1745	50	0	9.055	/	Pass
		1775	50	0	9.062	/	Pass
	16QAM	1715	50	0	9.058	/	Pass
		1745	50	0	9.053	/	Pass
		1775	50	0	9.070	/	Pass
15	QPSK	1717.5	75	0	13.560	/	Pass
		1745	75	0	13.566	/	Pass
		1772.5	75	0	13.599	/	Pass
	16QAM	1717.5	75	0	13.572	/	Pass
		1745	75	0	13.604	/	Pass
		1772.5	75	0	13.626	/	Pass
20	QPSK	1720	100	0	18.067	/	Pass
		1745	100	0	18.160	/	Pass
		1770	100	0	18.148	/	Pass
	16QAM	1720	100	0	18.006	/	Pass
		1745	100	0	18.080	/	Pass
		1770	100	0	18.128	/	Pass

4.1.2 Band66_XDB

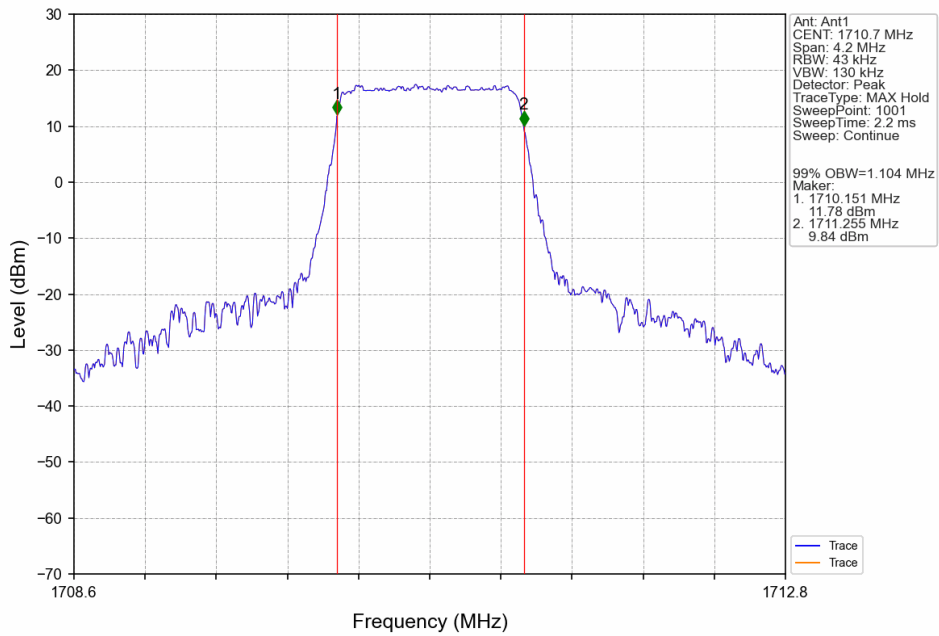
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.328	/	Pass
		1745	6	0	1.325	/	Pass
		1779.3	6	0	1.330	/	Pass

	16QAM	1710.7	6	0	1.315	/	Pass
		1745	6	0	1.325	/	Pass
		1779.3	6	0	1.305	/	Pass
3	QPSK	1711.5	15	0	3.023	/	Pass
		1745	15	0	3.025	/	Pass
		1778.5	15	0	3.005	/	Pass
	16QAM	1711.5	15	0	3.019	/	Pass
		1745	15	0	3.025	/	Pass
		1778.5	15	0	3.040	/	Pass
5	QPSK	1712.5	25	0	5.009	/	Pass
		1745	25	0	5.127	/	Pass
		1777.5	25	0	5.050	/	Pass
	16QAM	1712.5	25	0	5.091	/	Pass
		1745	25	0	5.042	/	Pass
		1777.5	25	0	5.055	/	Pass
10	QPSK	1715	50	0	10.019	/	Pass
		1745	50	0	9.972	/	Pass
		1775	50	0	10.043	/	Pass
	16QAM	1715	50	0	9.922	/	Pass
		1745	50	0	9.926	/	Pass
		1775	50	0	9.876	/	Pass
15	QPSK	1717.5	75	0	14.867	/	Pass
		1745	75	0	15.001	/	Pass
		1772.5	75	0	14.929	/	Pass
	16QAM	1717.5	75	0	14.859	/	Pass
		1745	75	0	14.964	/	Pass
		1772.5	75	0	14.870	/	Pass
20	QPSK	1720	100	0	19.916	/	Pass
		1745	100	0	19.711	/	Pass
		1770	100	0	19.736	/	Pass
	16QAM	1720	100	0	19.776	/	Pass
		1745	100	0	19.664	/	Pass
		1770	100	0	19.682	/	Pass

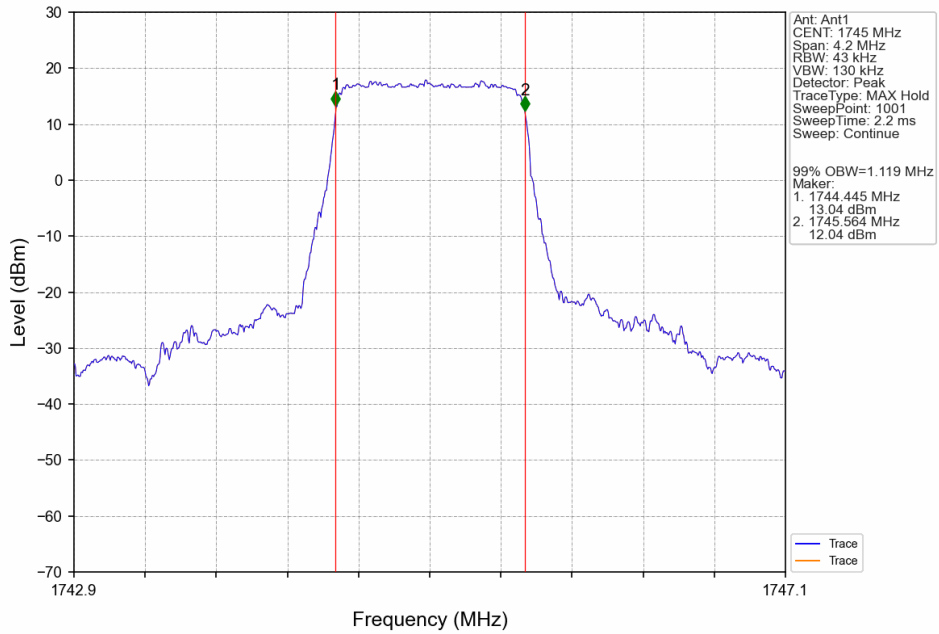
4.2 Test Graph

4.2.1 Band66_OBW

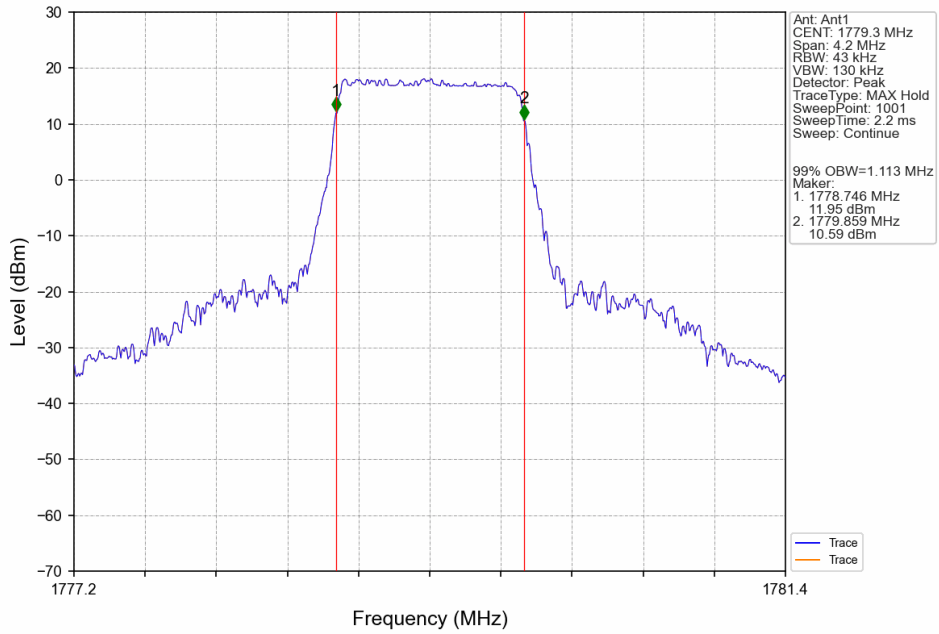
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



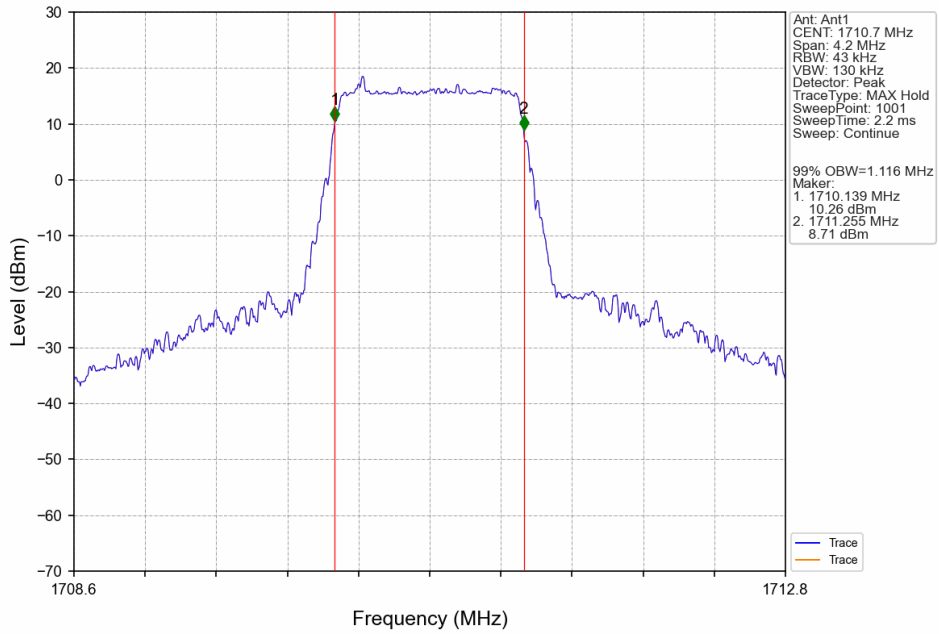
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



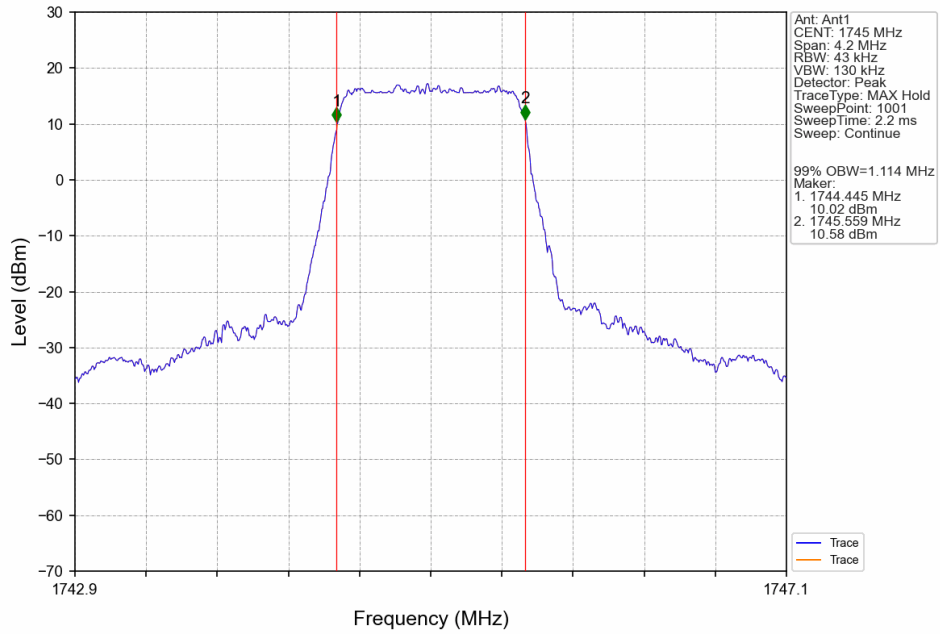
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



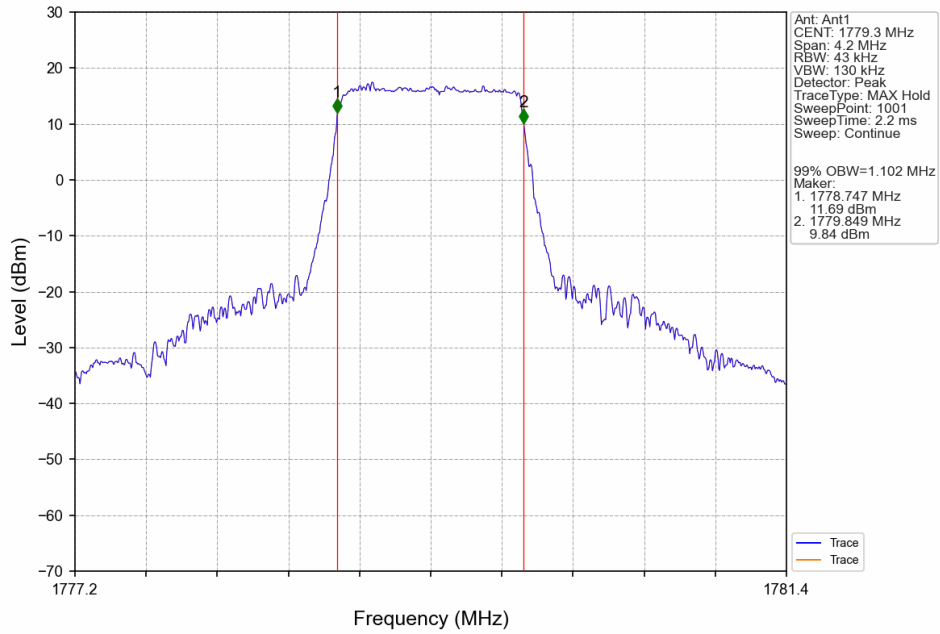
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



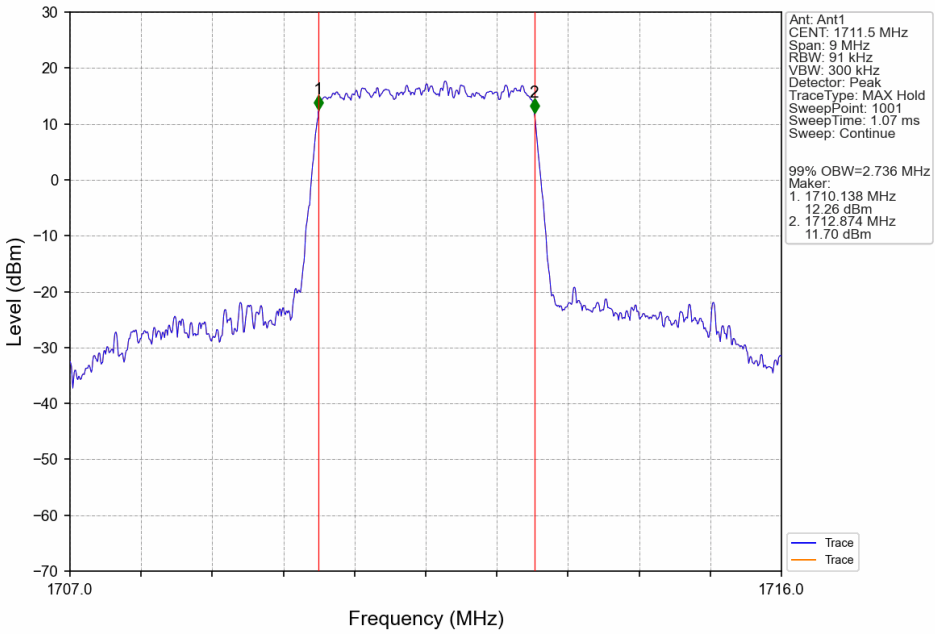
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



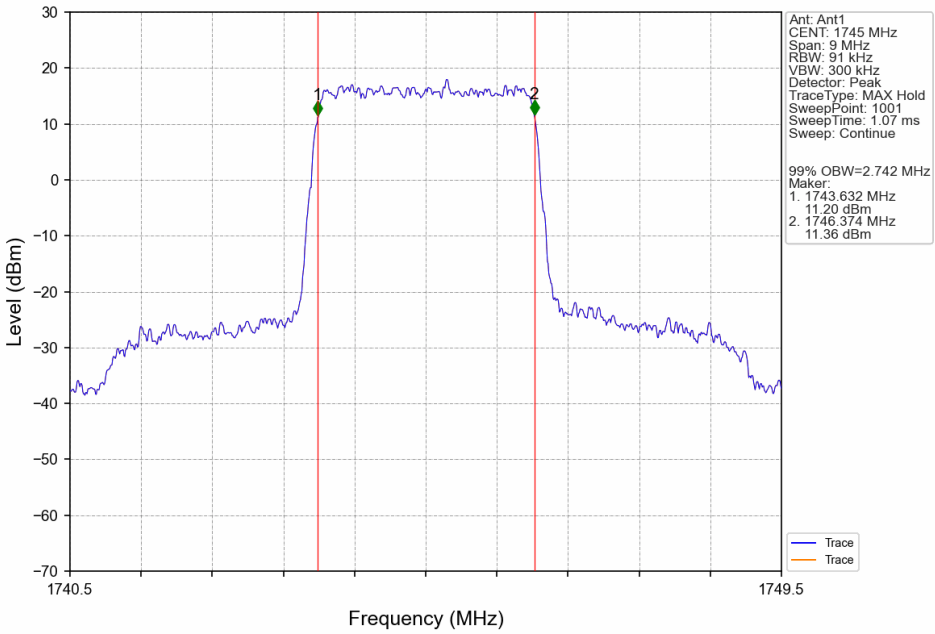
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



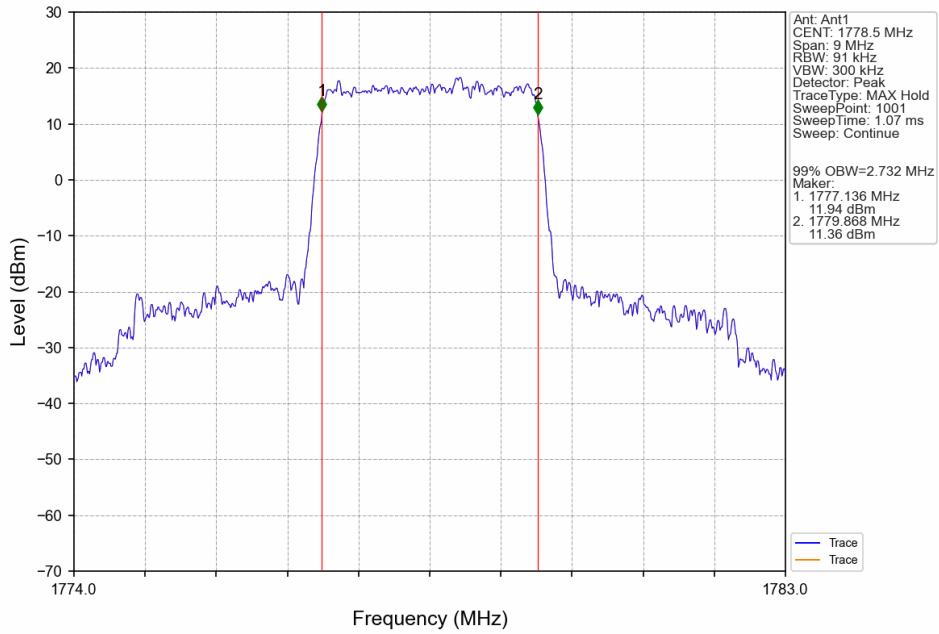
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



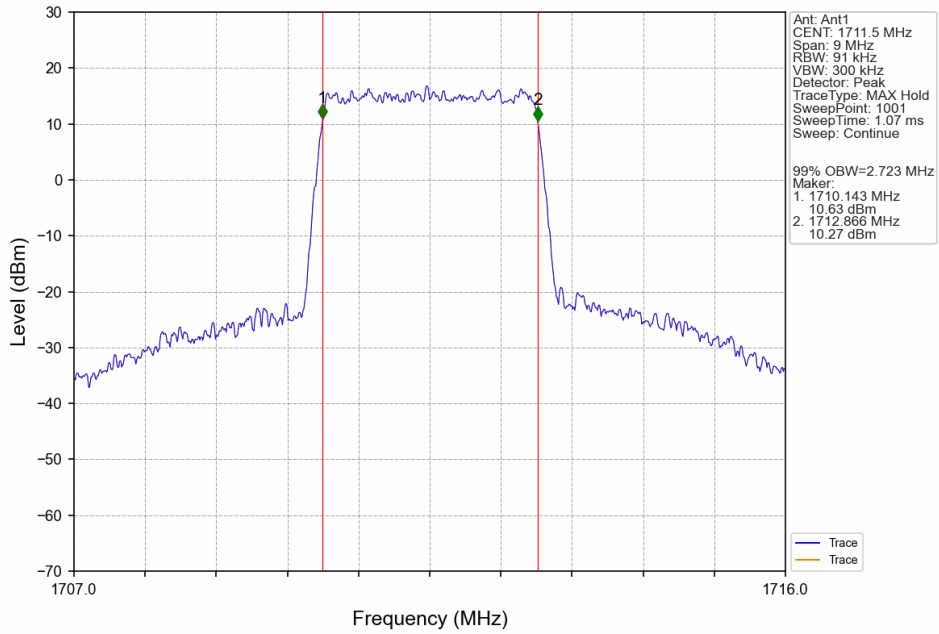
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



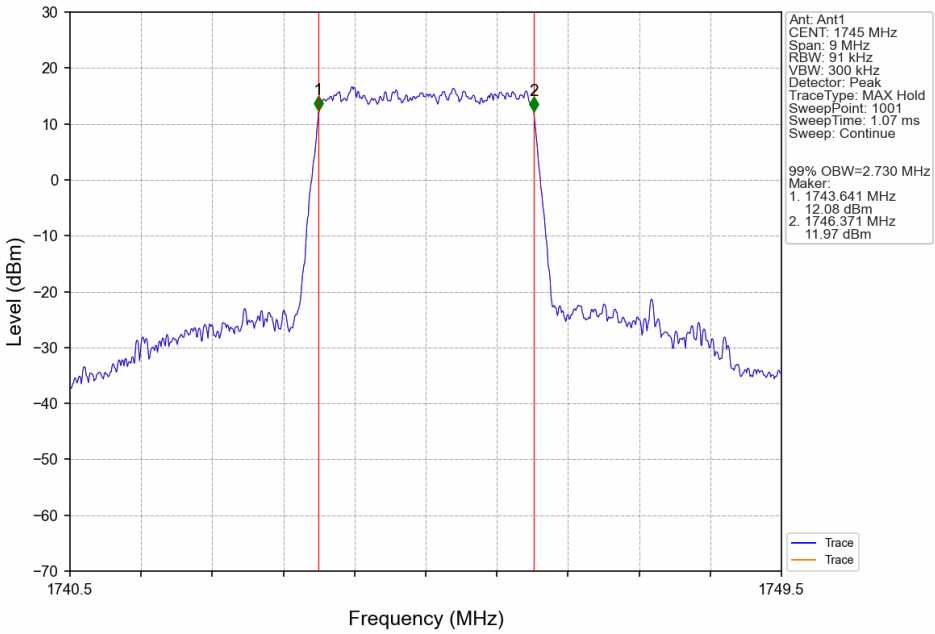
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



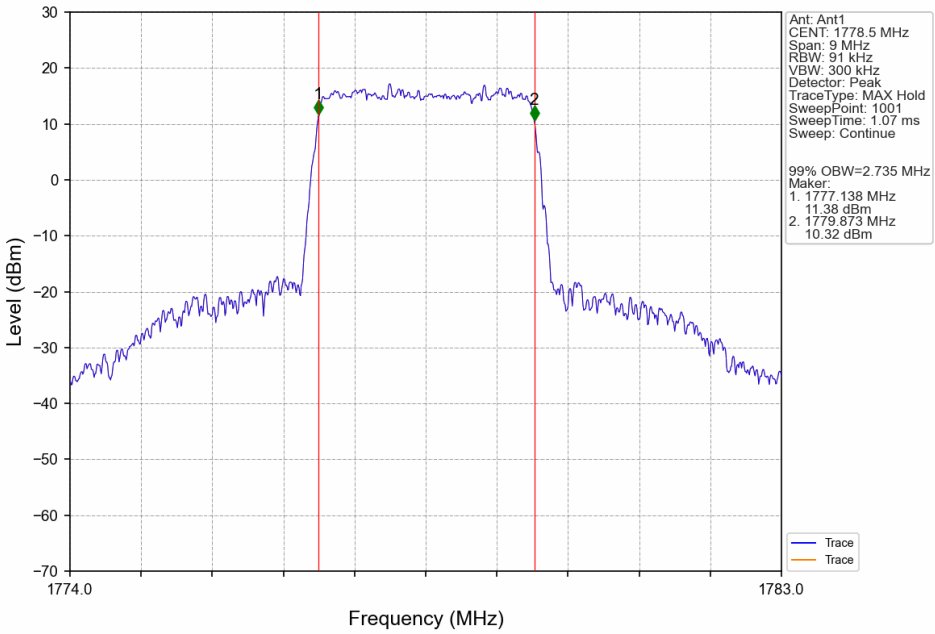
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



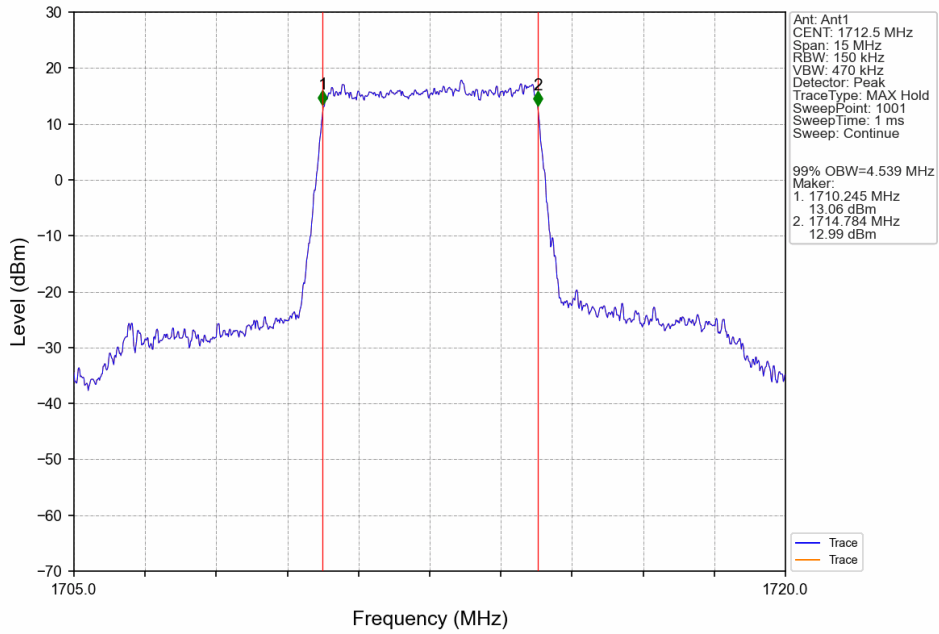
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



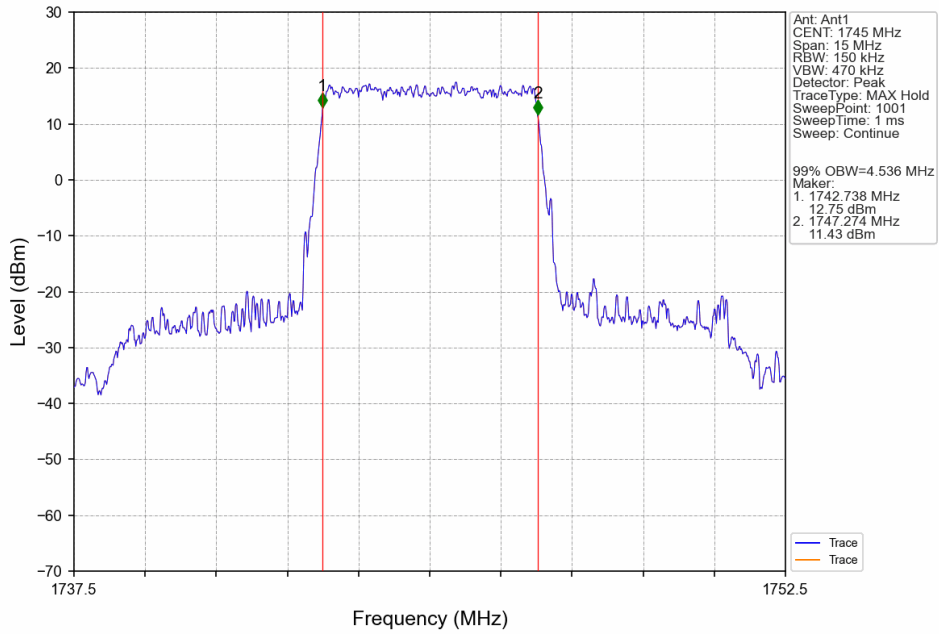
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



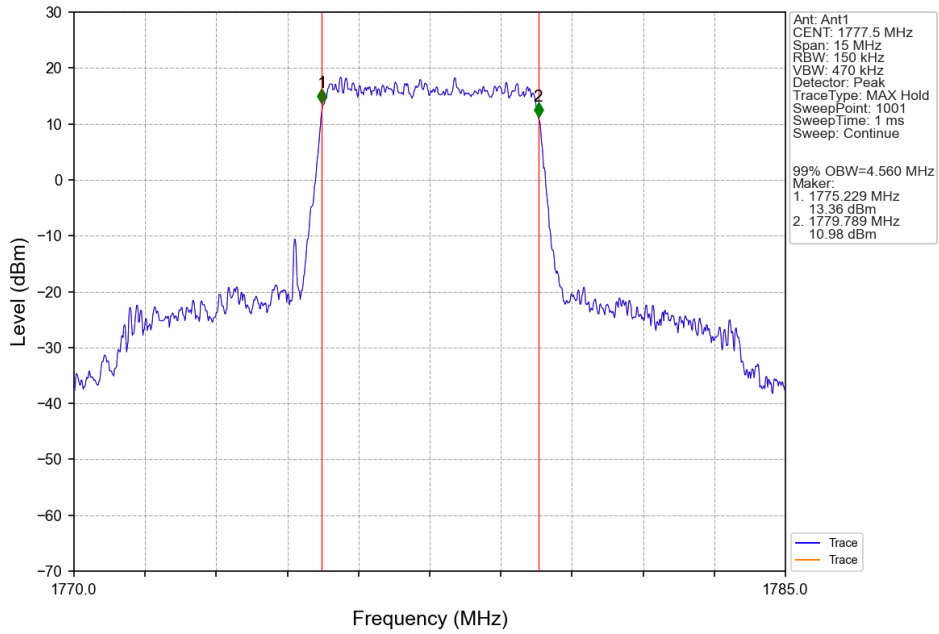
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



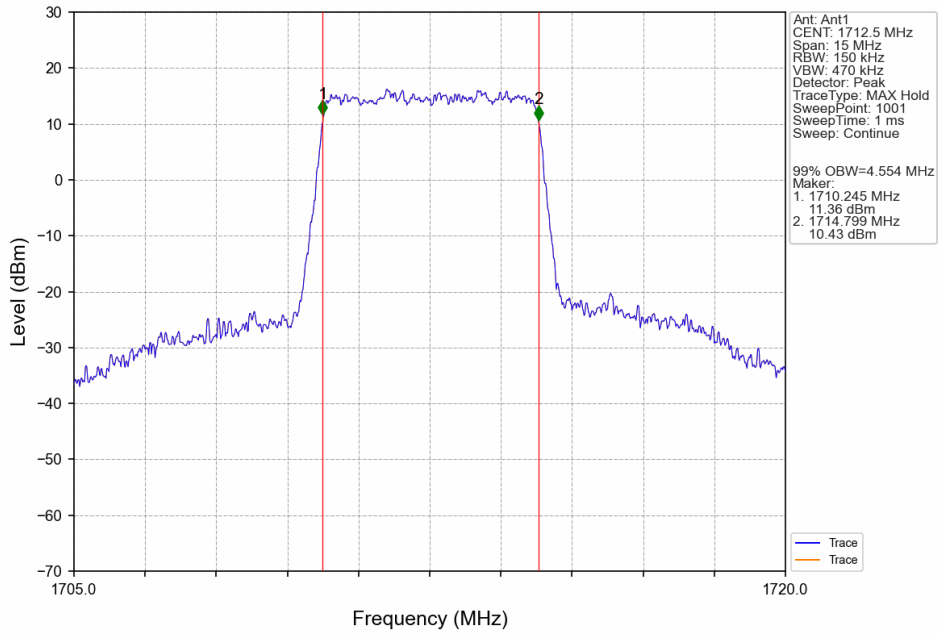
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



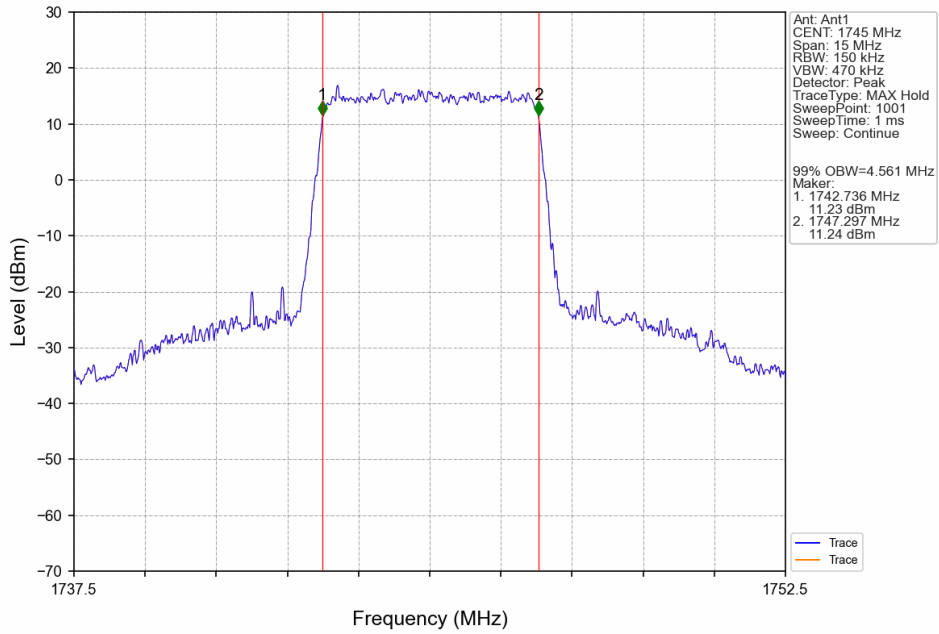
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



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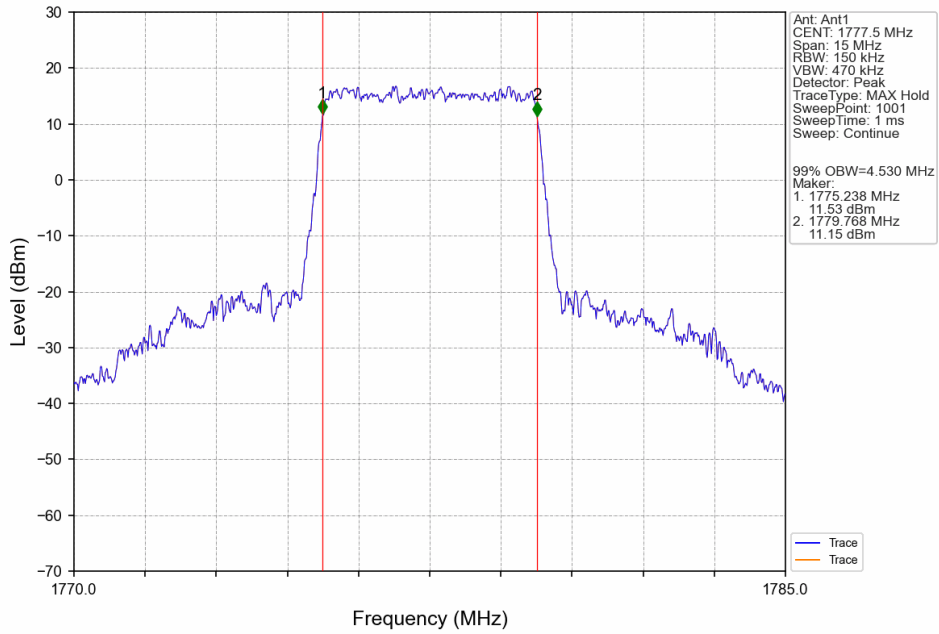
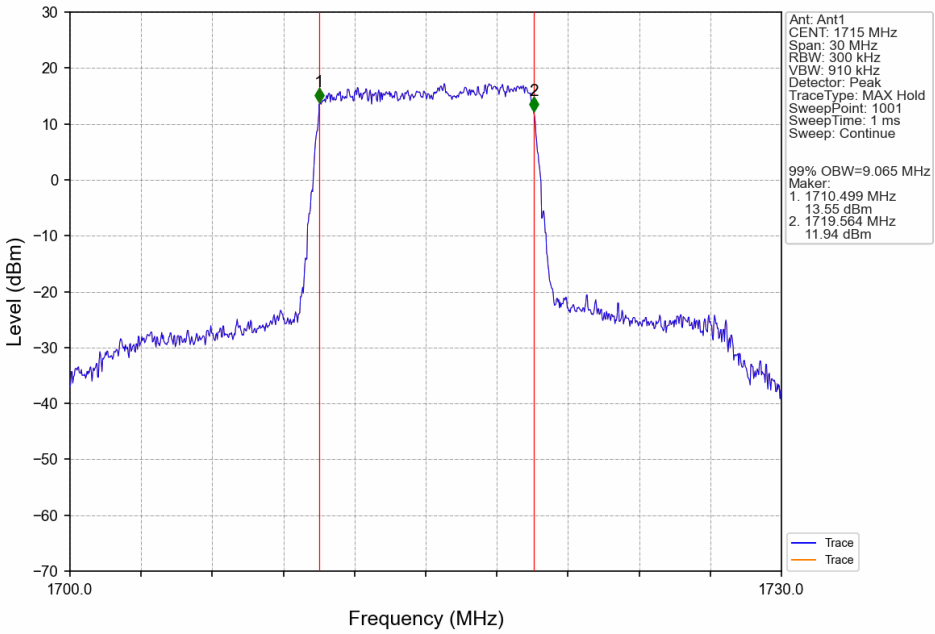
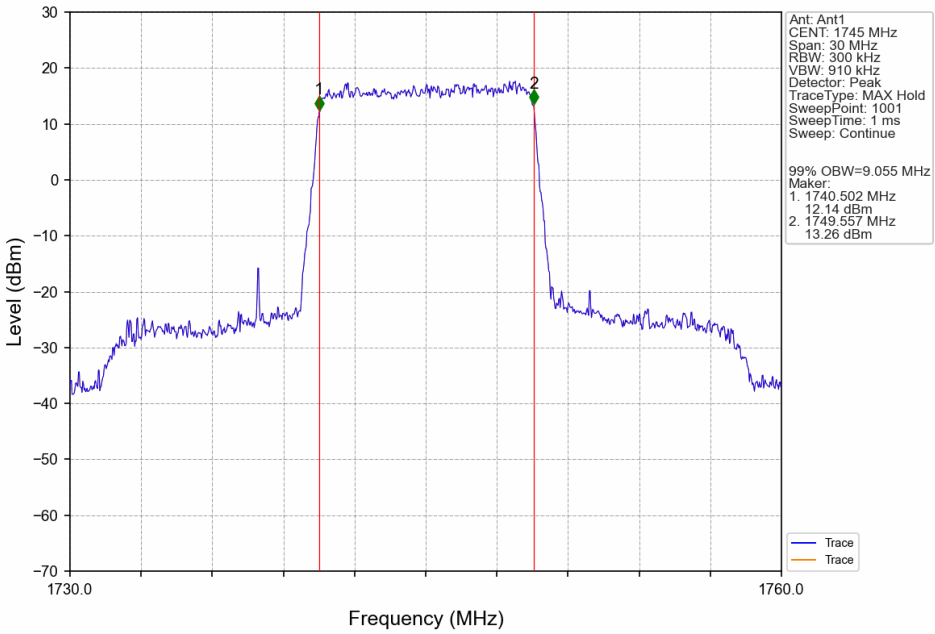


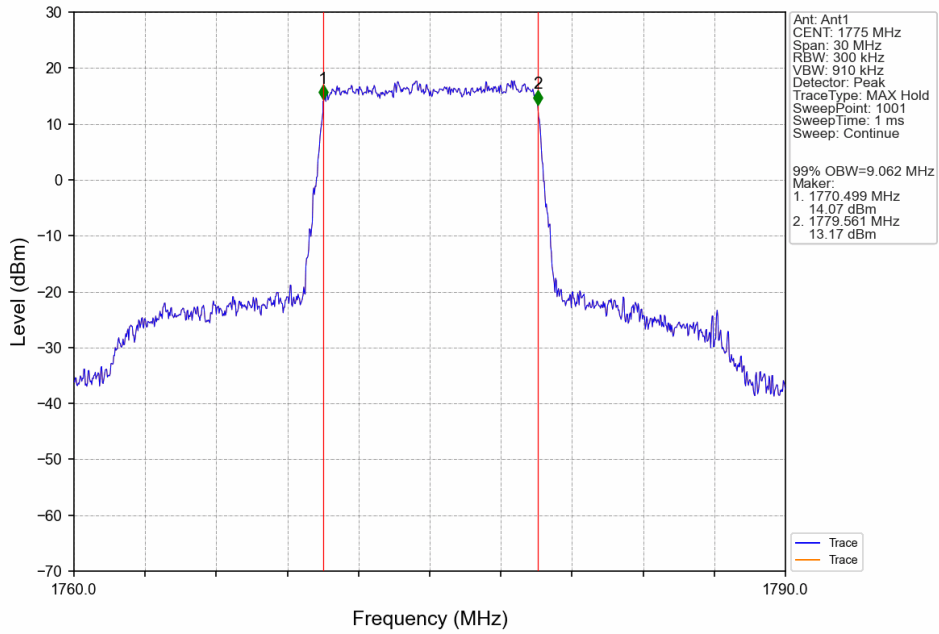
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



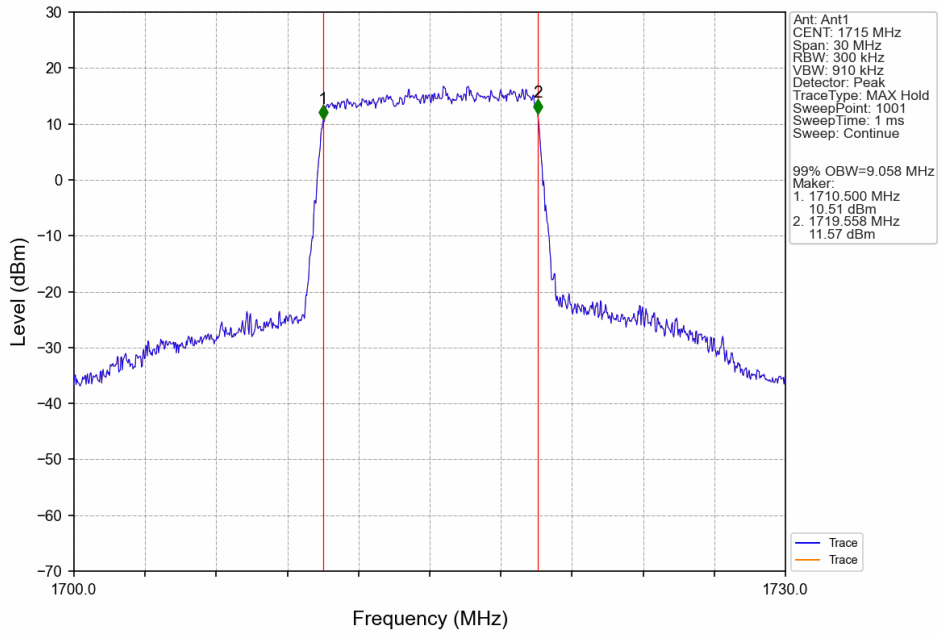
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



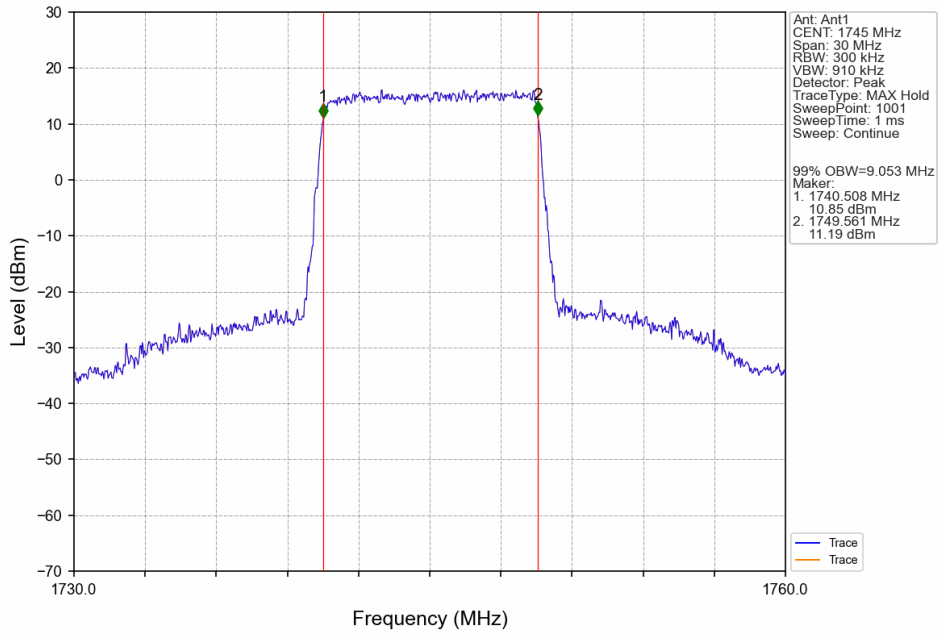
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



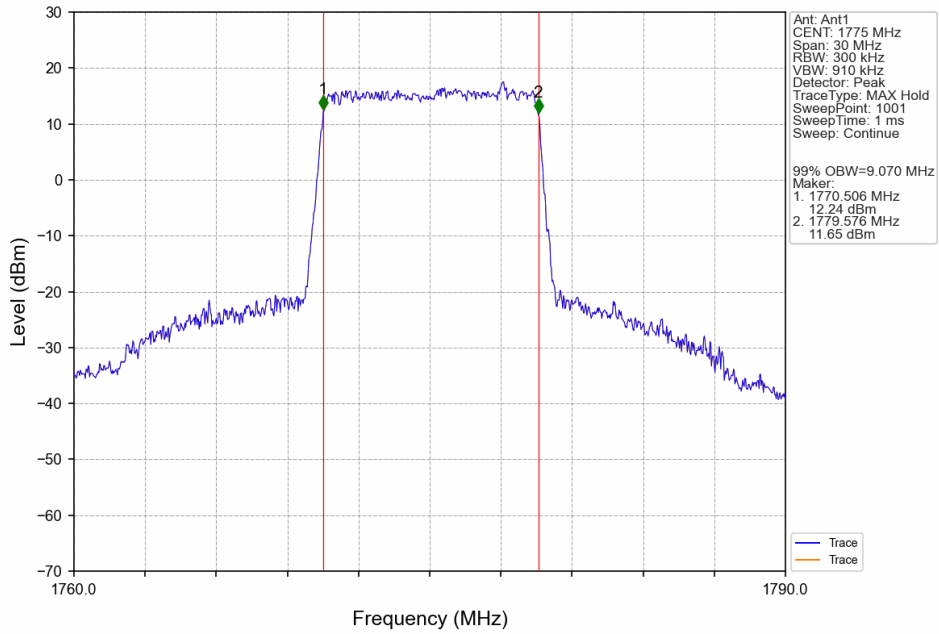
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



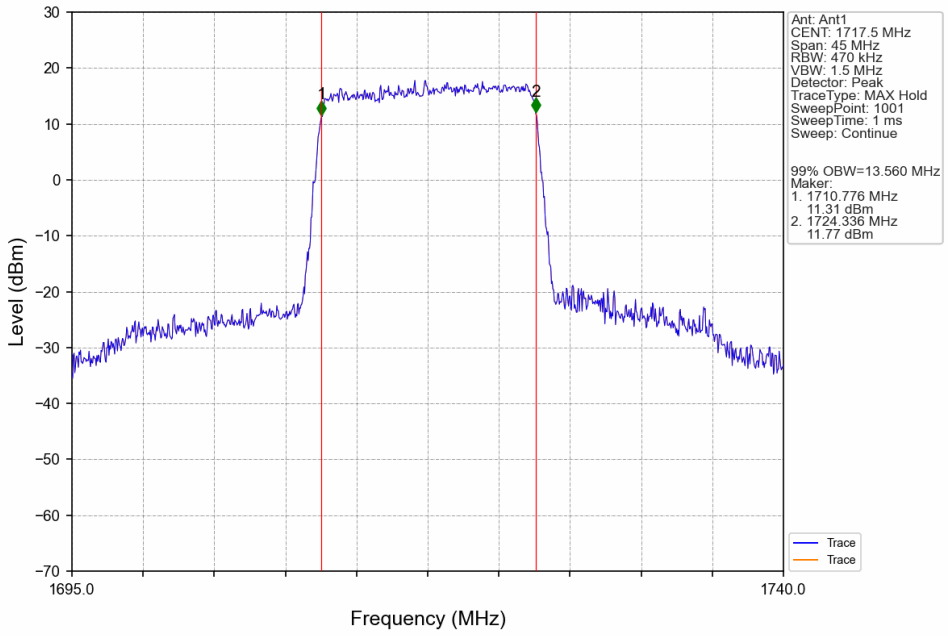
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



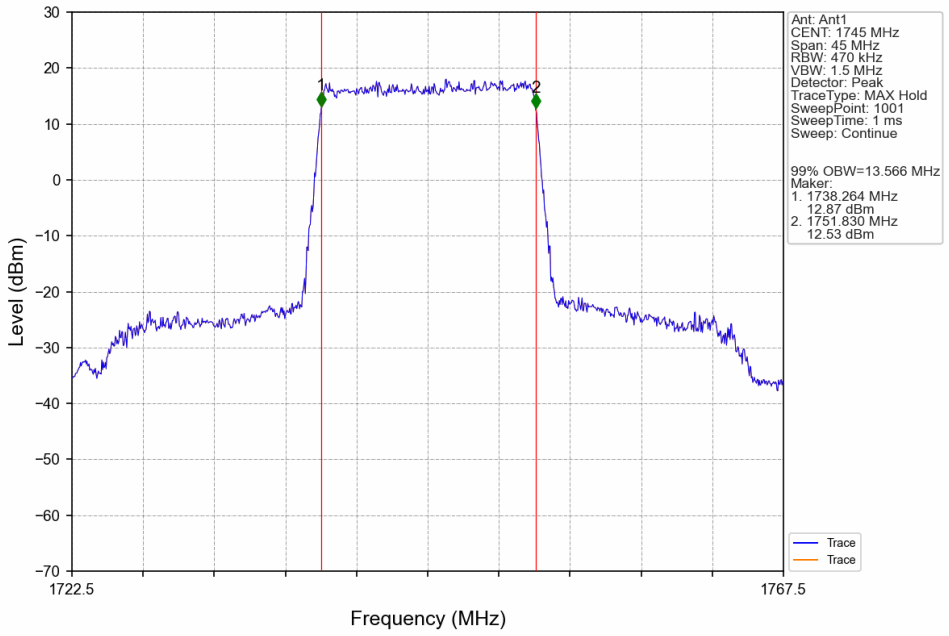
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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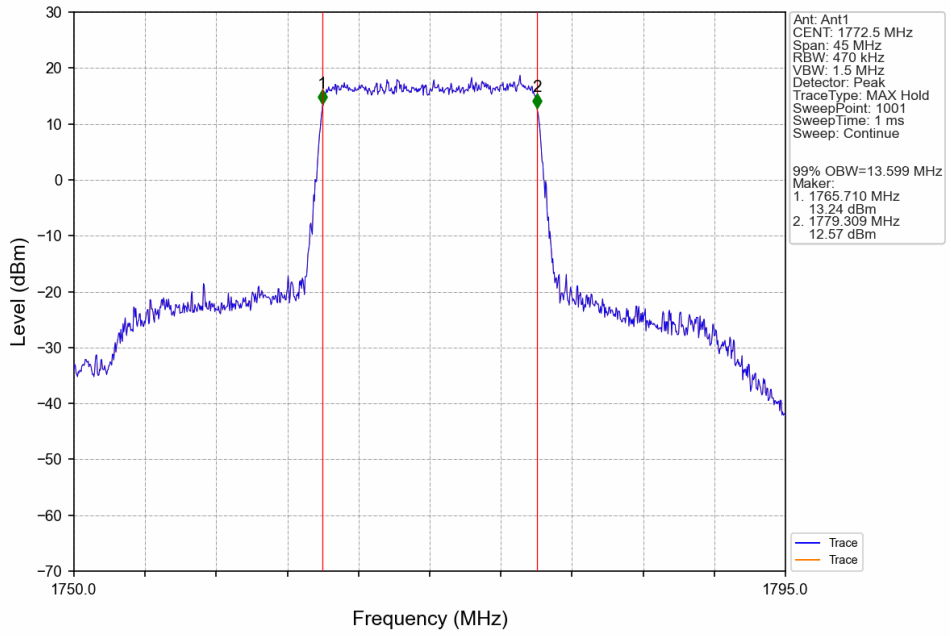
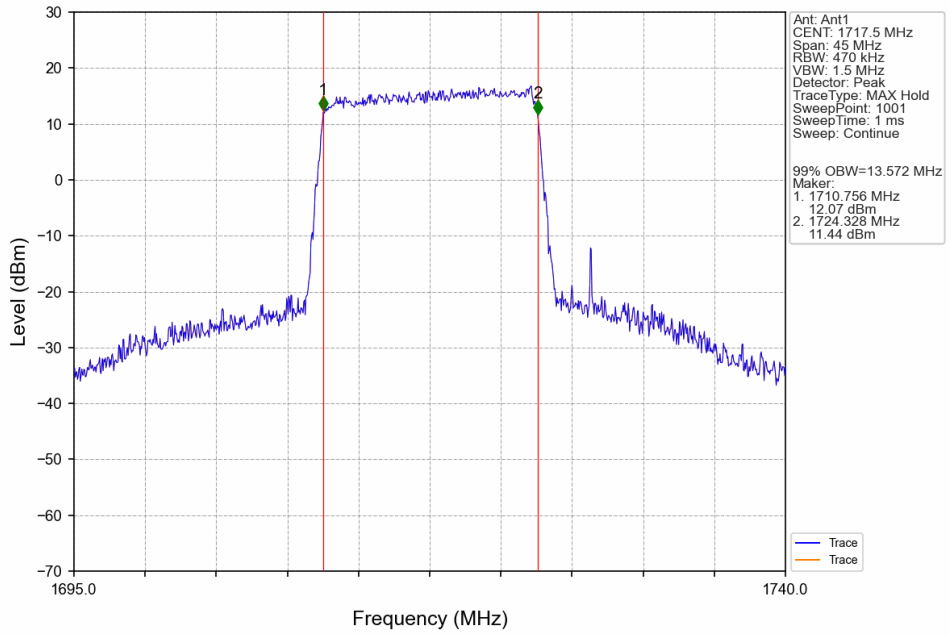
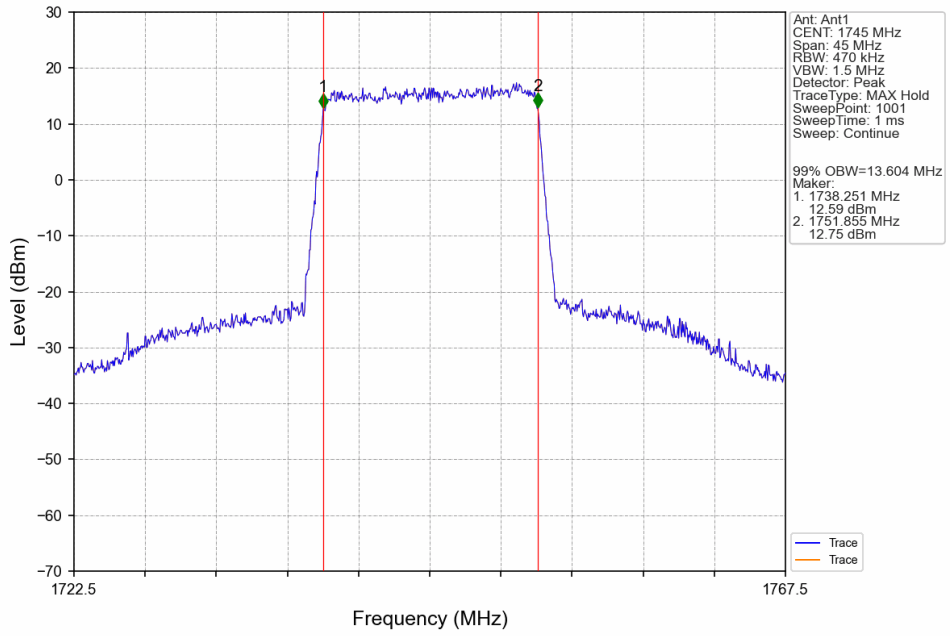


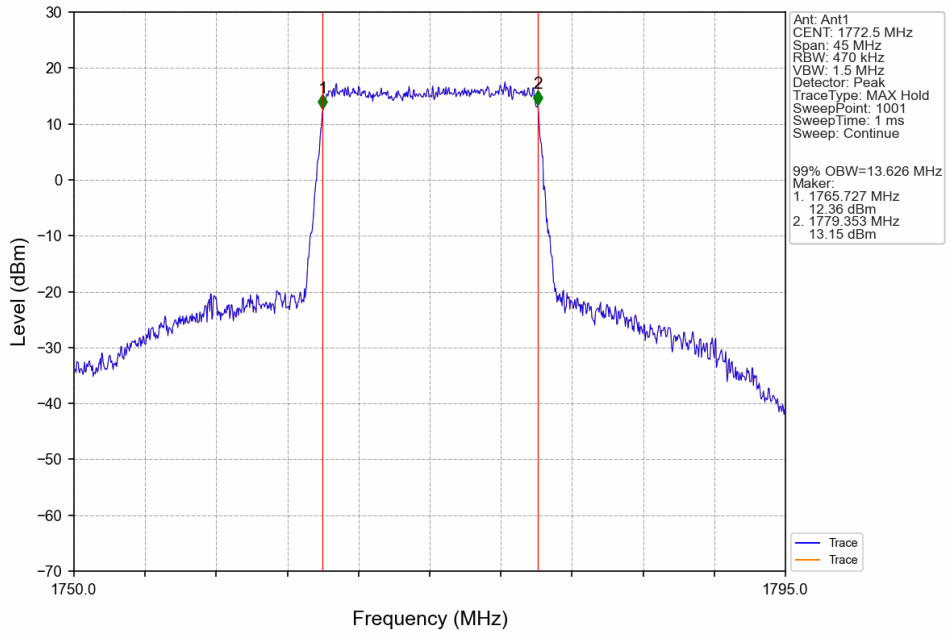
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



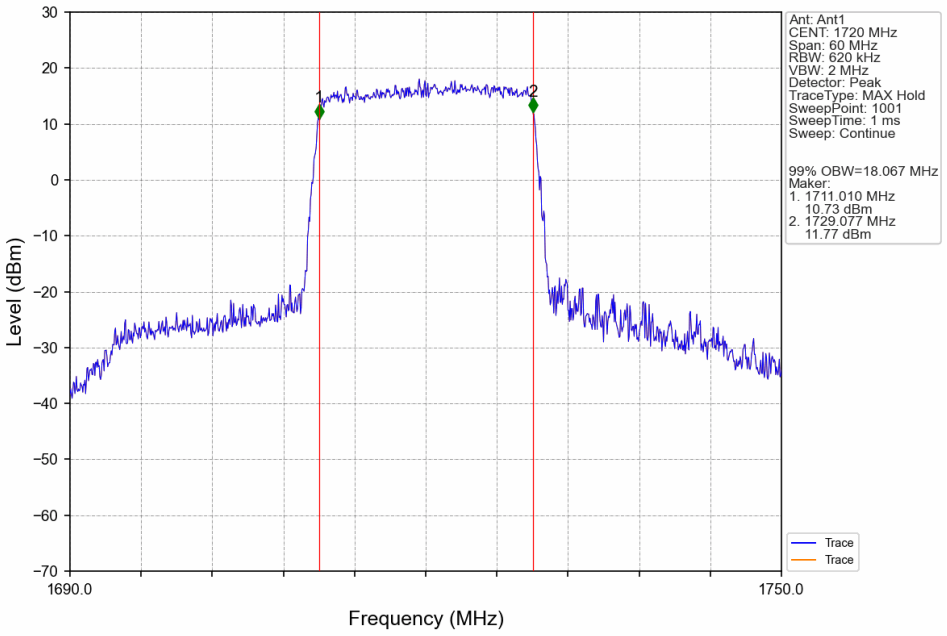
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



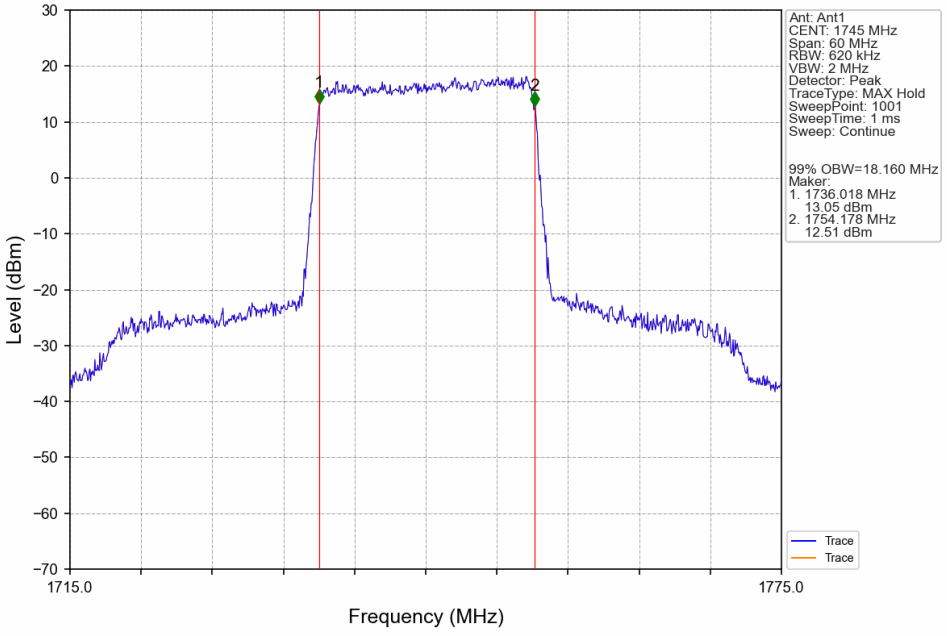
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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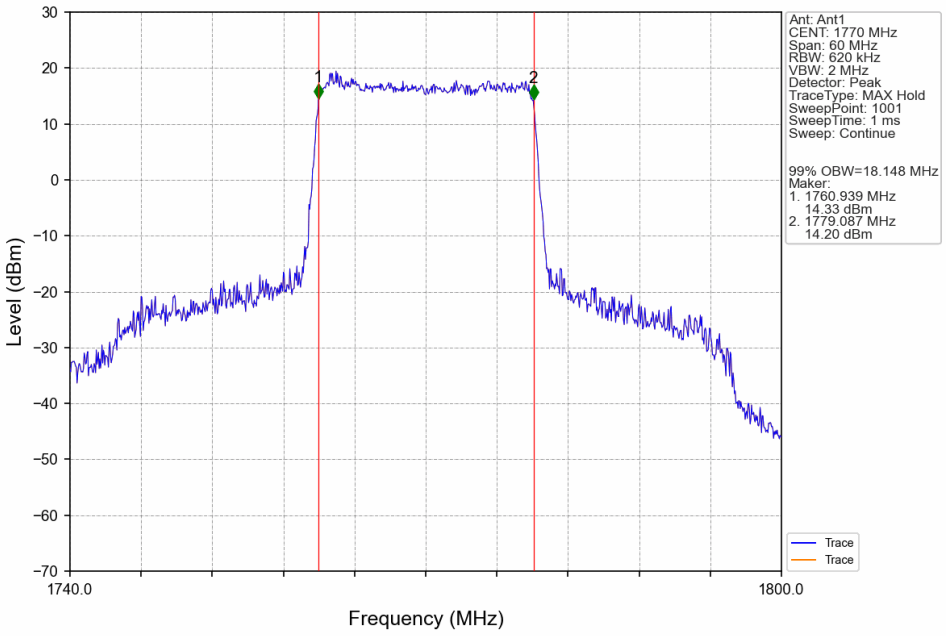
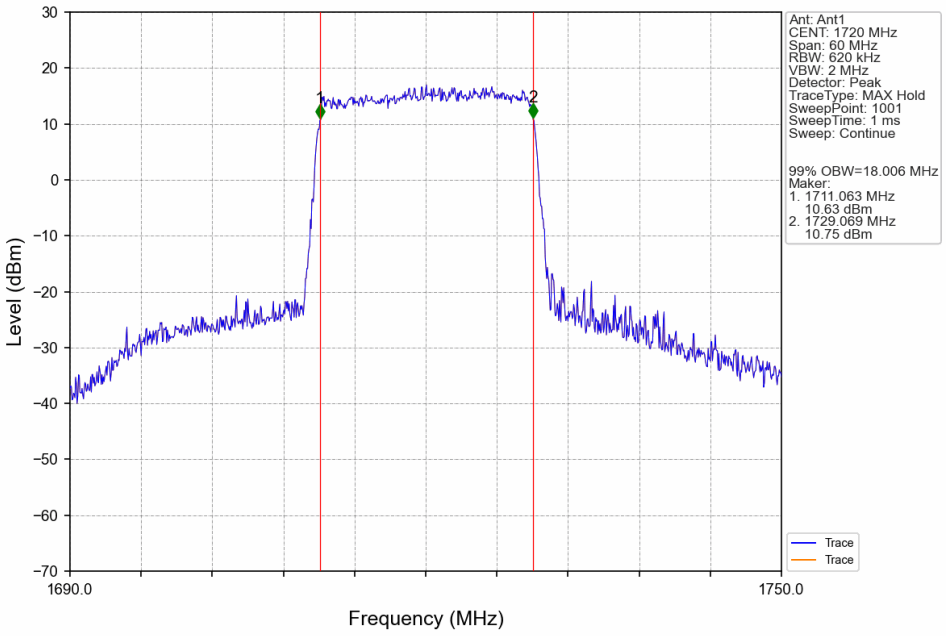
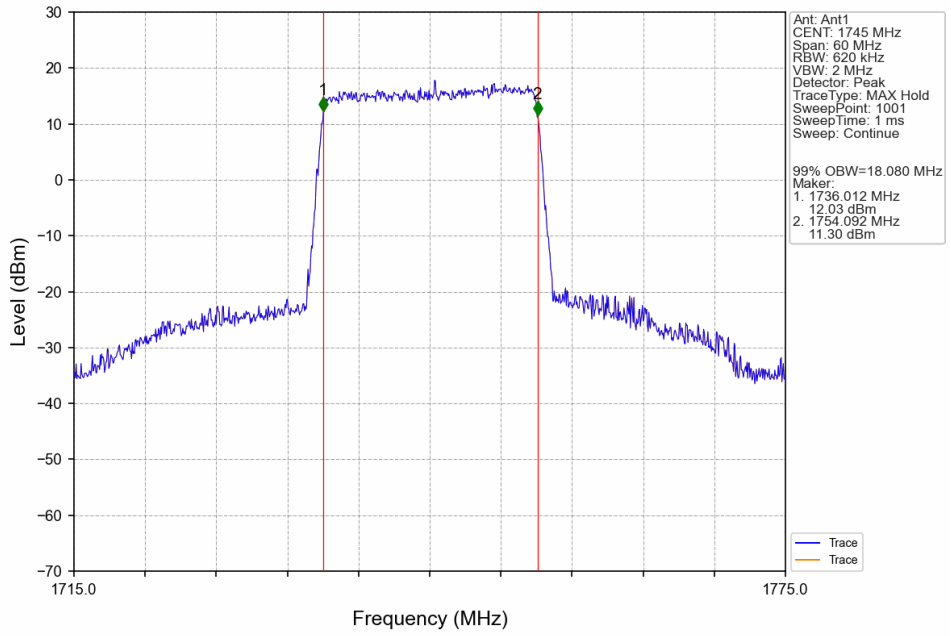


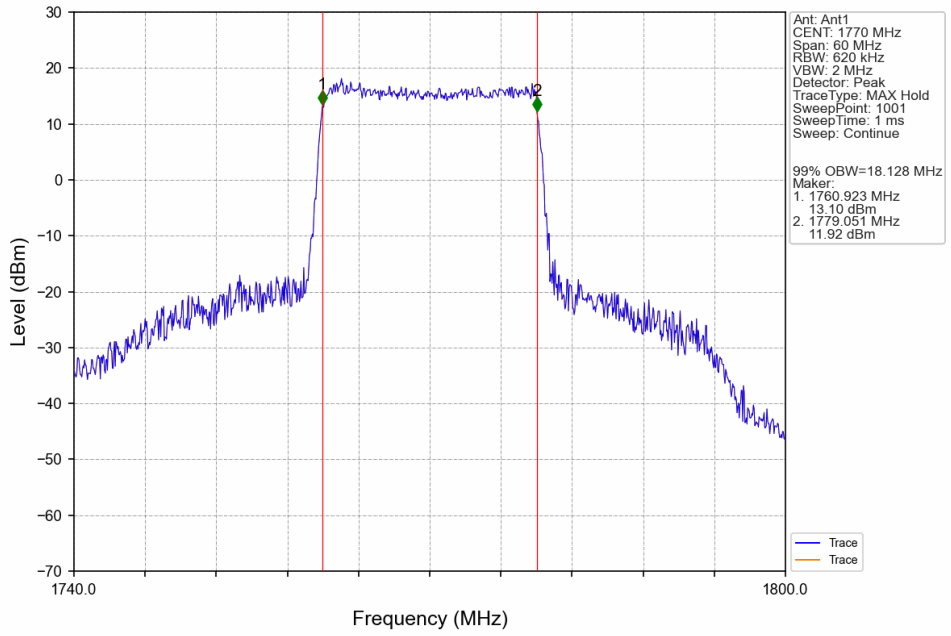
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

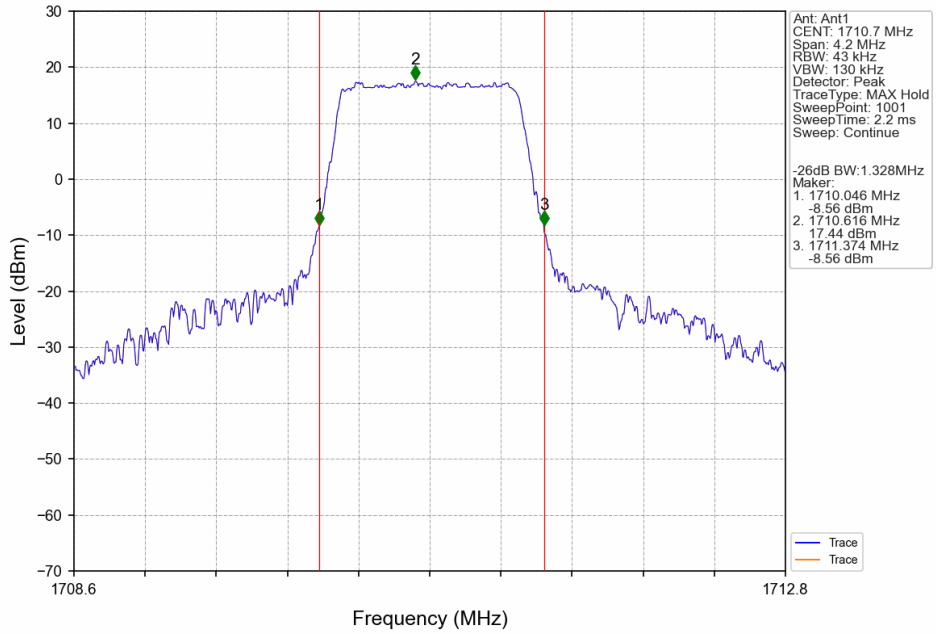


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

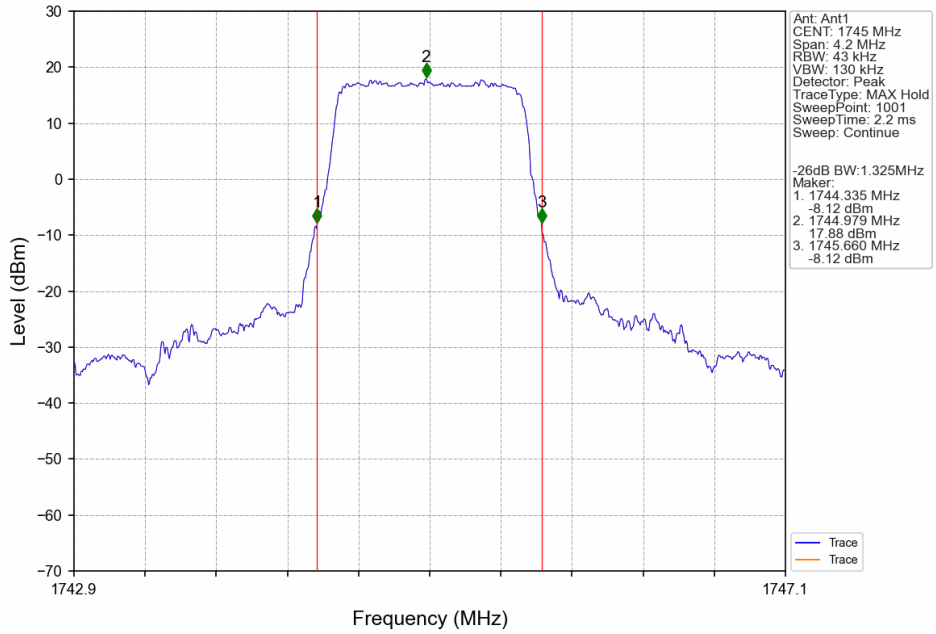


4.2.2 Band66_XDB

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



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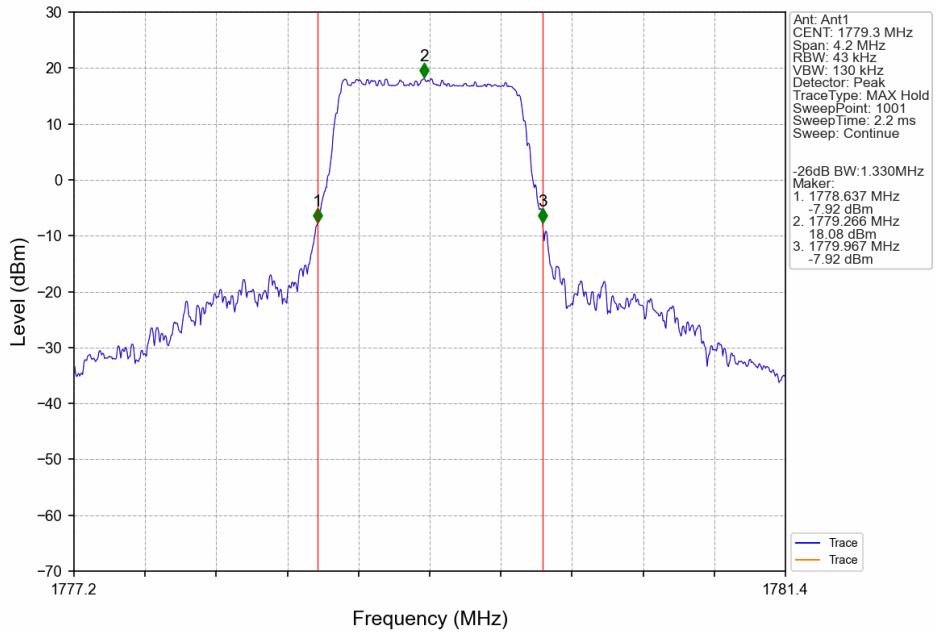
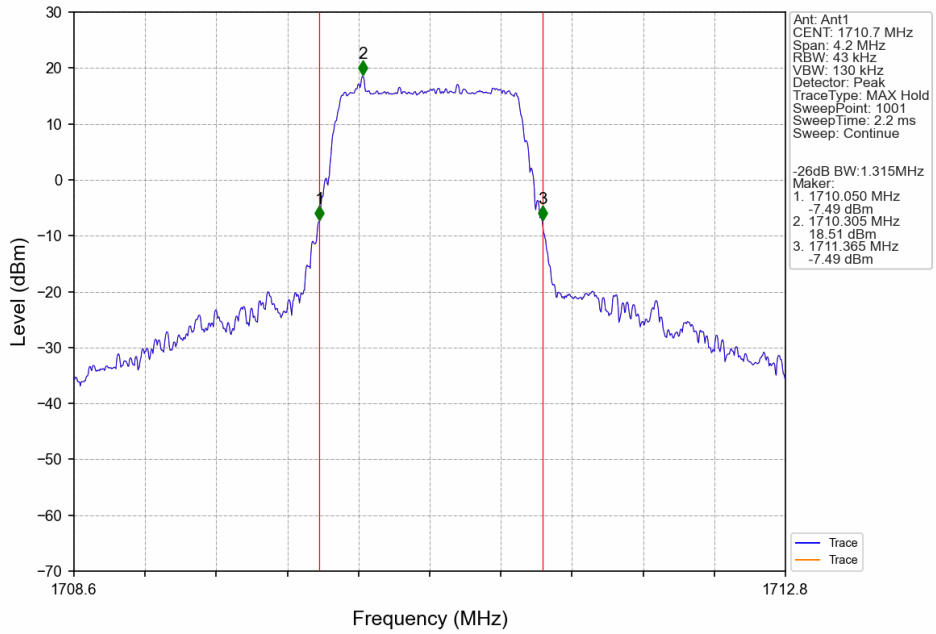
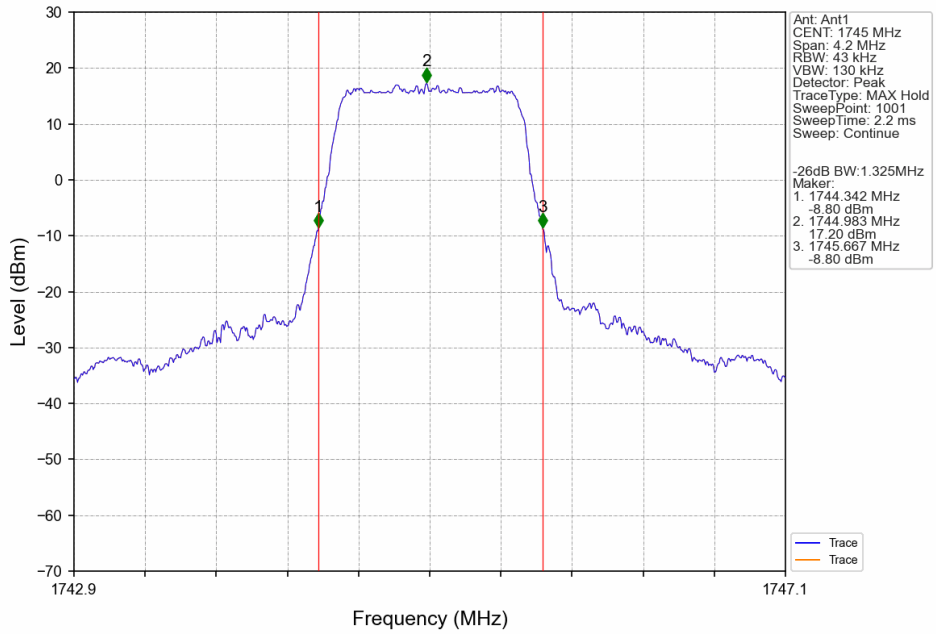


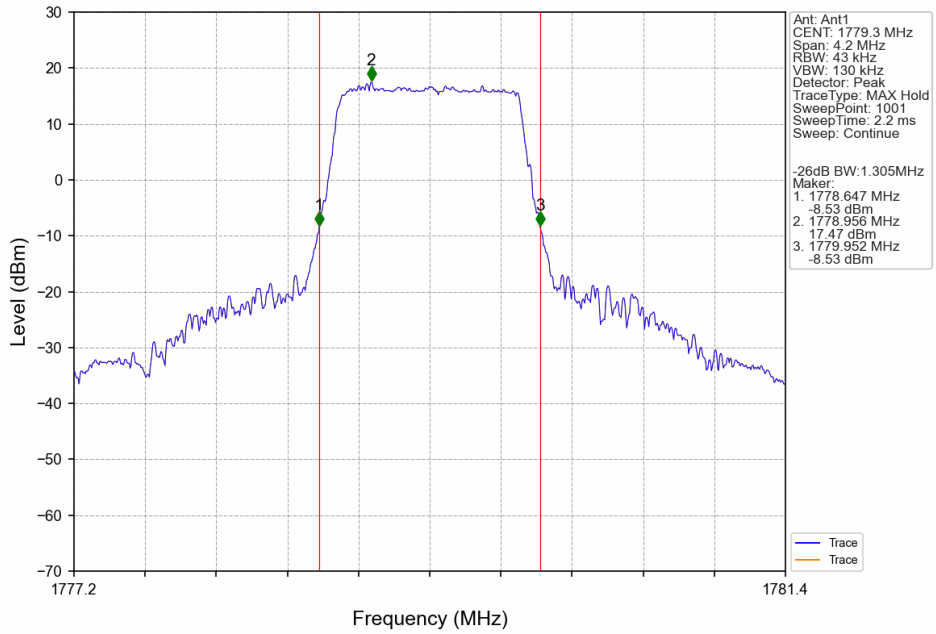
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



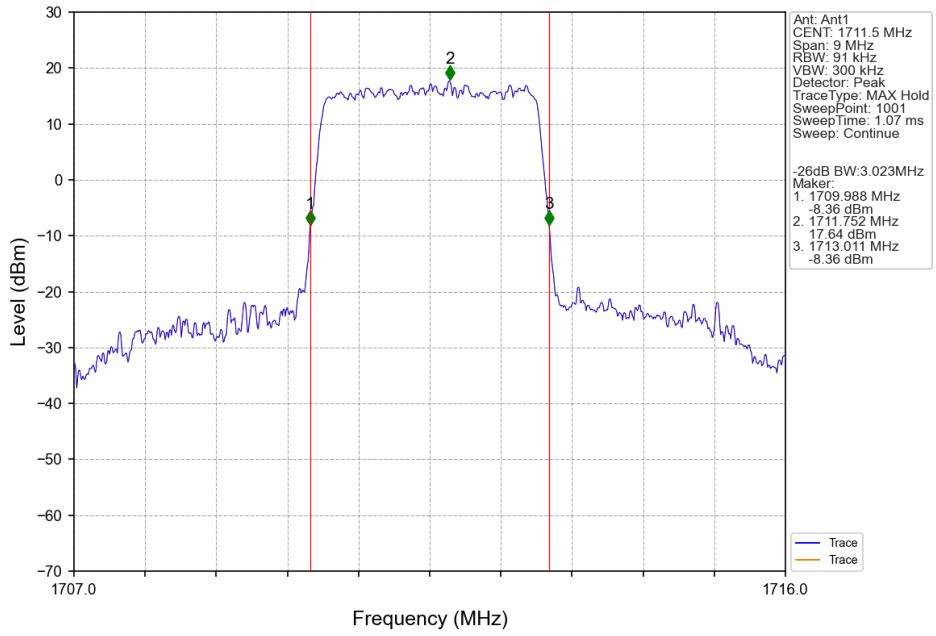
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



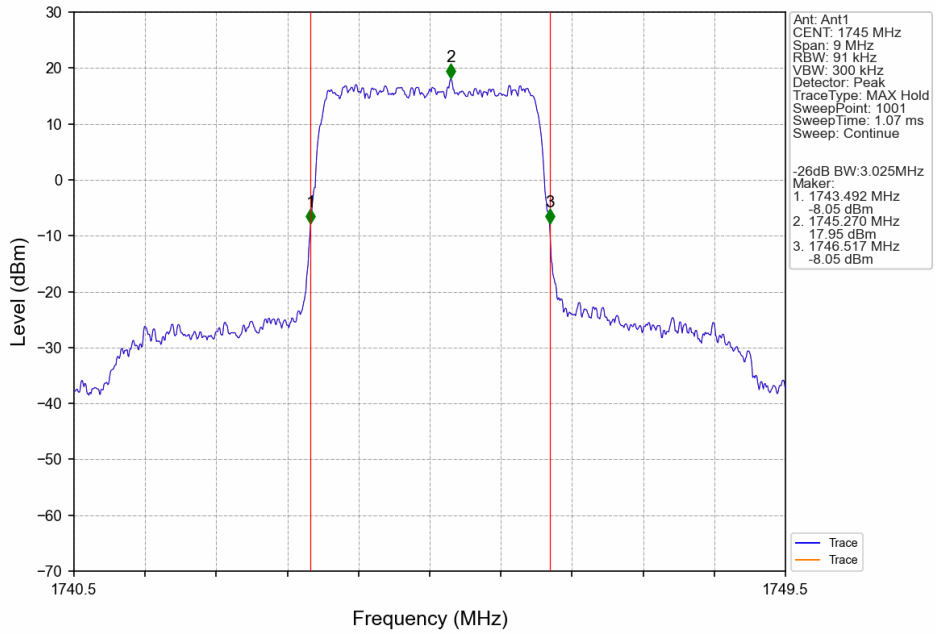
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



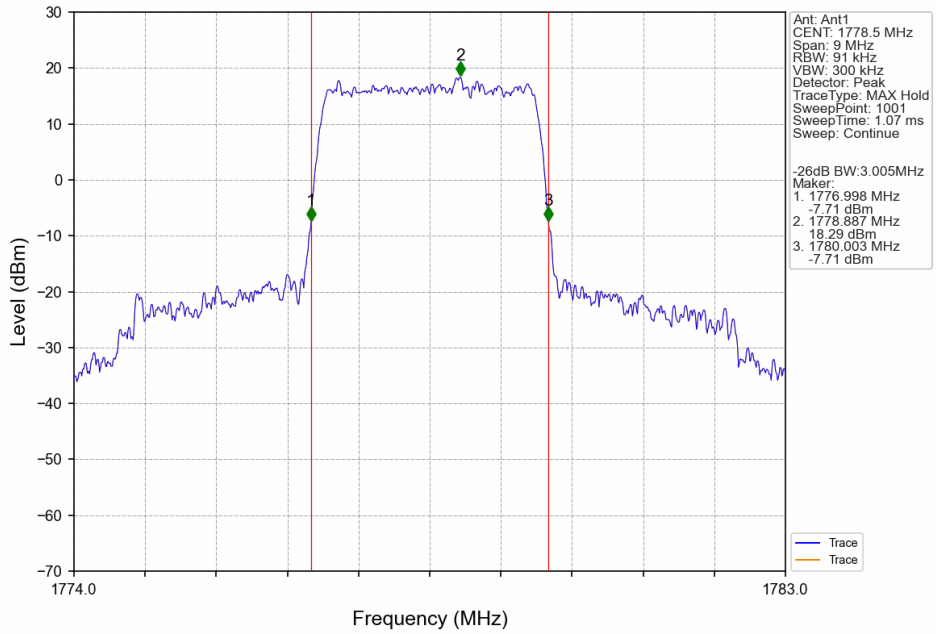
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



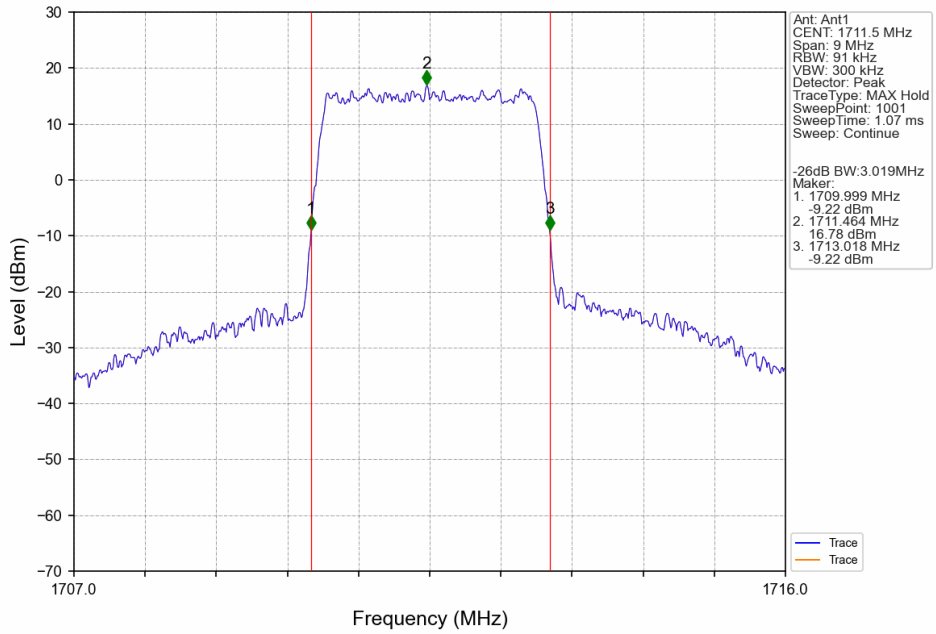
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



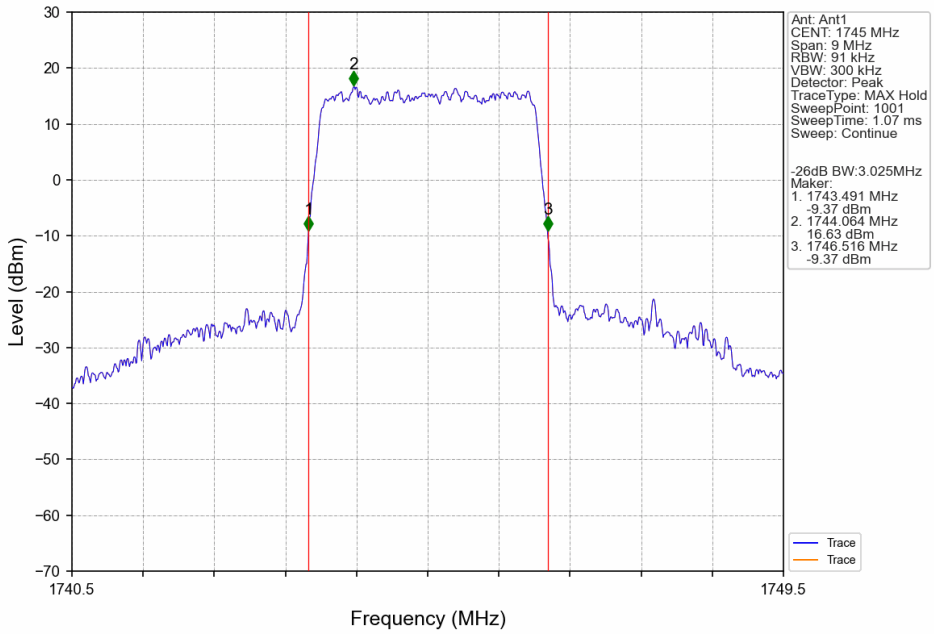
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



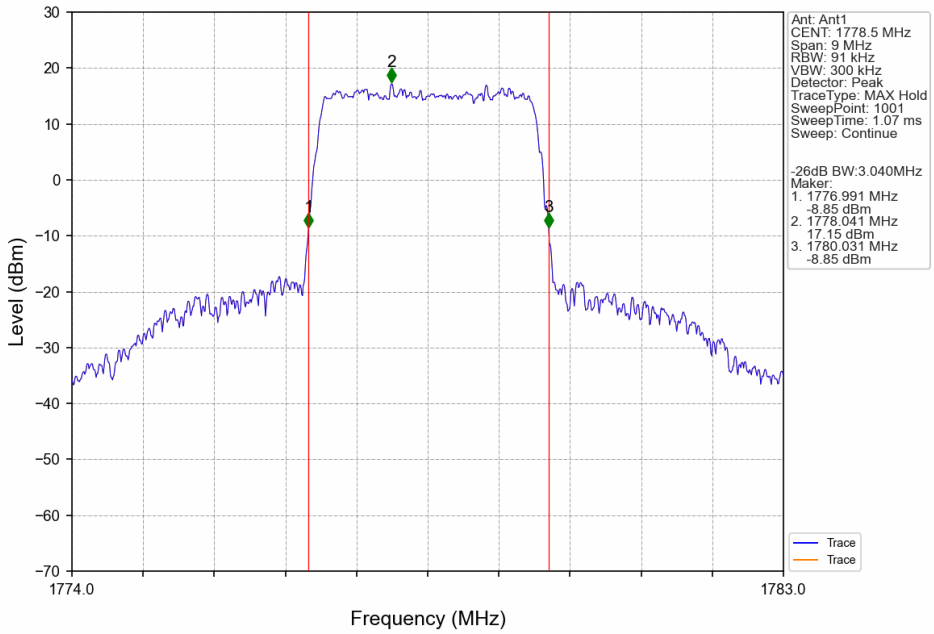
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



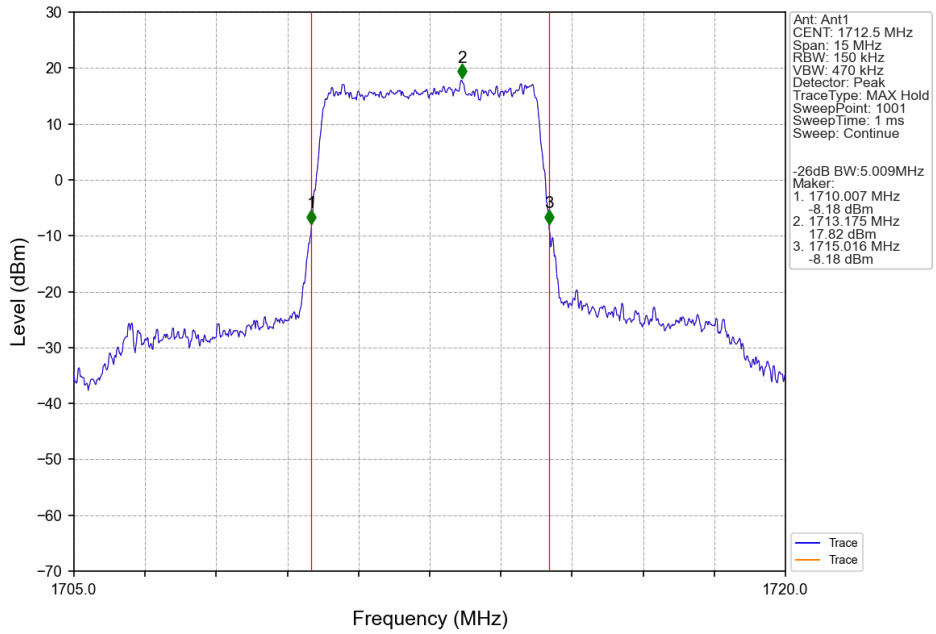
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



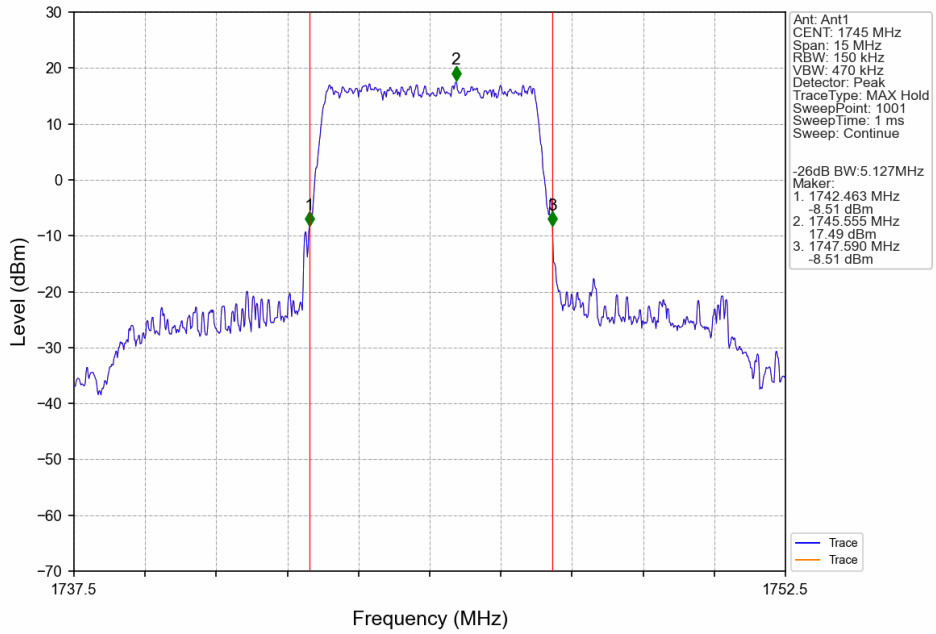
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



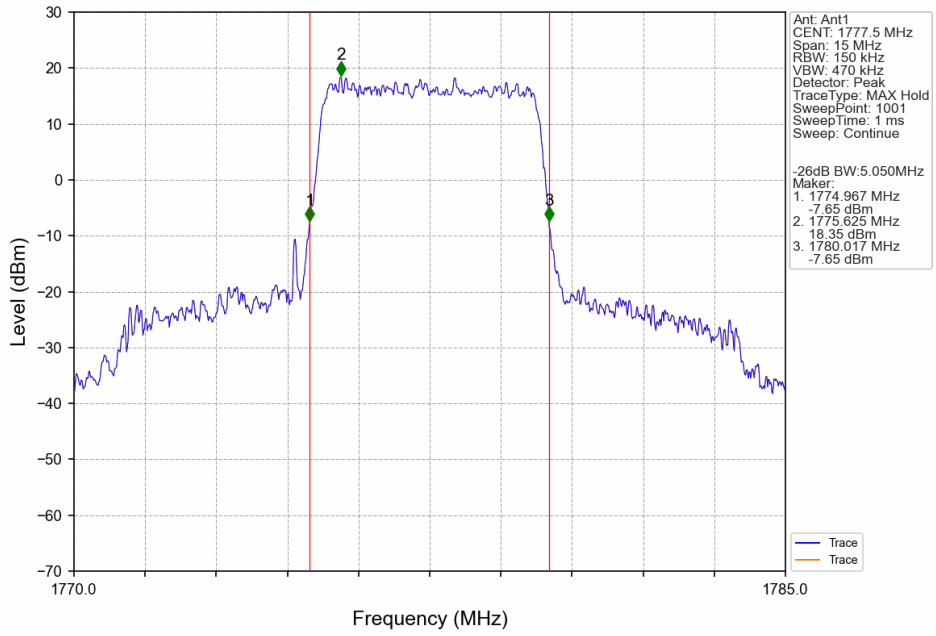
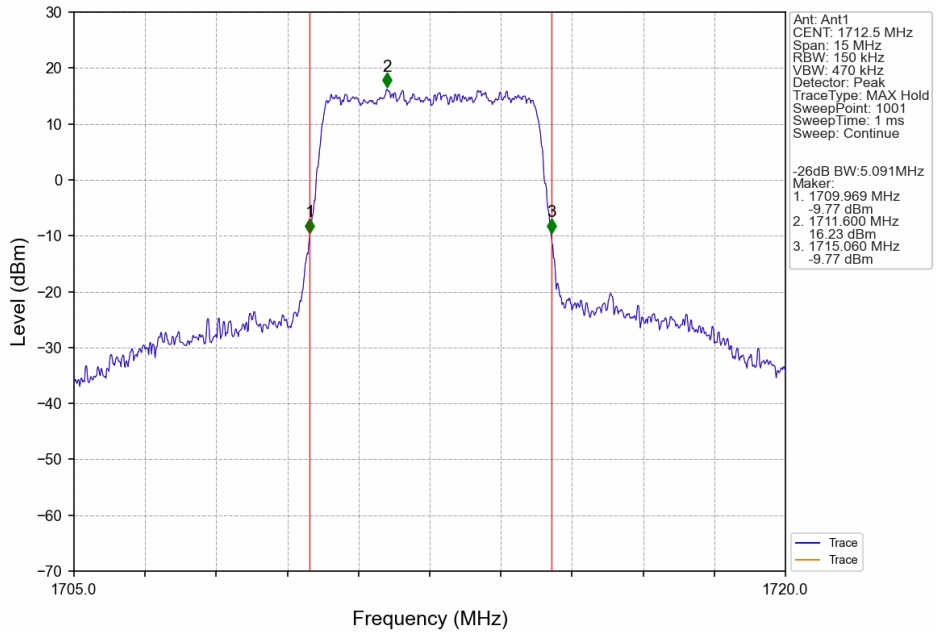
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV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