1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.44	-1.01	22.43	<=30	Pass
			2	23.59	-1.01	22.58	<=30	Pass
			5	23.41	-1.01	22.40	<=30	Pass
		3	0	23.52	-1.01	22.51	<=30	Pass
			2	23.53	-1.01	22.52	<=30	Pass
			3	23.52	-1.01	22.51	<=30	Pass
		6	0	22.49	-1.01	21.48	<=30	Pass
	1745	1	0	23.35	-1.01	22.34	<=30	Pass
			2	23.49	-1.01	22.48	<=30	Pass
			5	23.34	-1.01	22.33	<=30	Pass
		3	0	23.38	-1.01	22.37	<=30	Pass
			2	23.38	-1.01	22.37	<=30	Pass
			3	23.36	-1.01	22.35	<=30	Pass
		6	0	22.40	-1.01	21.39	<=30	Pass
	1779.3	1	0	23.61	-1.01	22.60	<=30	Pass
			2	23.81	-1.01	22.80	<=30	Pass
			5	23.60	-1.01	22.59	<=30	Pass
		3	0	23.67	-1.01	22.66	<=30	Pass
			2	23.70	-1.01	22.69	<=30	Pass
			3	23.68	-1.01	22.67	<=30	Pass
		6	0	22.68	-1.01	21.67	<=30	Pass
16QAM	1710.7	1	0	22.47	-1.01	21.46	<=30	Pass
			2	22.65	-1.01	21.64	<=30	Pass
			5	22.47	-1.01	21.46	<=30	Pass
		3	0	22.51	-1.01	21.50	<=30	Pass
			2	22.49	-1.01	21.48	<=30	Pass
			3	22.47	-1.01	21.46	<=30	Pass
		6	0	21.53	-1.01	20.52	<=30	Pass
	1745	1	0	22.58	-1.01	21.57	<=30	Pass
			2	22.74	-1.01	21.73	<=30	Pass
			5	22.55	-1.01	21.54	<=30	Pass
		3	0	22.49	-1.01	21.48	<=30	Pass
			2	22.48	-1.01	21.47	<=30	Pass
			3	22.44	-1.01	21.43	<=30	Pass
		6	0	21.38	-1.01	20.37	<=30	Pass
	1779.3	1	0	22.74	-1.01	21.73	<=30	Pass
			2	22.88	-1.01	21.87	<=30	Pass
			5	22.71	-1.01	21.70	<=30	Pass
		3	0	22.67	-1.01	21.66	<=30	Pass
			2	22.72	-1.01	21.71	<=30	Pass
			3	22.67	-1.01	21.66	<=30	Pass
		6	0	21.60	-1.01	20.59	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.47	-1.01	22.46	<=30	Pass
			7	23.42	-1.01	22.41	<=30	Pass
			14	23.45	-1.01	22.44	<=30	Pass
		8	0	22.48	-1.01	21.47	<=30	Pass
			4	22.51	-1.01	21.50	<=30	Pass
			7	22.49	-1.01	21.48	<=30	Pass
		15	0	22.41	-1.01	21.40	<=30	Pass
	1745	1	0	23.40	-1.01	22.39	<=30	Pass
			7	23.38	-1.01	22.37	<=30	Pass
			14	23.39	-1.01	22.38	<=30	Pass
		8	0	22.38	-1.01	21.37	<=30	Pass
			4	22.42	-1.01	21.41	<=30	Pass
			7	22.37	-1.01	21.36	<=30	Pass
		15	0	22.32	-1.01	21.31	<=30	Pass
	1778.5	1	0	23.70	-1.01	22.69	<=30	Pass
			7	23.66	-1.01	22.65	<=30	Pass
			14	23.74	-1.01	22.73	<=30	Pass
		8	0	22.70	-1.01	21.69	<=30	Pass
			4	22.71	-1.01	21.70	<=30	Pass
			7	22.67	-1.01	21.66	<=30	Pass
		15	0	22.61	-1.01	21.60	<=30	Pass
16QAM	1711.5	1	0	22.60	-1.01	21.59	<=30	Pass
			7	22.63	-1.01	21.62	<=30	Pass
			14	22.64	-1.01	21.63	<=30	Pass
		8	0	21.63	-1.01	20.62	<=30	Pass
			4	21.68	-1.01	20.67	<=30	Pass
			7	21.65	-1.01	20.64	<=30	Pass
		15	0	21.47	-1.01	20.46	<=30	Pass
	1745	1	0	22.55	-1.01	21.54	<=30	Pass
			7	22.51	-1.01	21.50	<=30	Pass
			14	22.47	-1.01	21.46	<=30	Pass
		8	0	21.37	-1.01	20.36	<=30	Pass
			4	21.39	-1.01	20.38	<=30	Pass
			7	21.35	-1.01	20.34	<=30	Pass
		15	0	21.35	-1.01	20.34	<=30	Pass
	1778.5	1	0	22.73	-1.01	21.72	<=30	Pass
			7	22.68	-1.01	21.67	<=30	Pass
			14	22.68	-1.01	21.67	<=30	Pass
		8	0	21.81	-1.01	20.80	<=30	Pass
			4	21.82	-1.01	20.81	<=30	Pass
			7	21.78	-1.01	20.77	<=30	Pass
		15	0	21.64	-1.01	20.63	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.44	-1.01	22.43	<=30	Pass
			13	23.51	-1.01	22.50	<=30	Pass
			24	23.47	-1.01	22.46	<=30	Pass
		12	0	22.44	-1.01	21.43	<=30	Pass
			6	22.51	-1.01	21.50	<=30	Pass
			13	22.51	-1.01	21.50	<=30	Pass
		25	0	22.46	-1.01	21.45	<=30	Pass
	1745	1	0	23.30	-1.01	22.29	<=30	Pass
			13	23.37	-1.01	22.36	<=30	Pass
			24	23.29	-1.01	22.28	<=30	Pass
		12	0	22.31	-1.01	21.30	<=30	Pass
			6	22.38	-1.01	21.37	<=30	Pass
			13	22.35	-1.01	21.34	<=30	Pass
		25	0	22.37	-1.01	21.36	<=30	Pass
	1777.5	1	0	23.55	-1.01	22.54	<=30	Pass
			13	23.64	-1.01	22.63	<=30	Pass
			24	23.59	-1.01	22.58	<=30	Pass
		12	0	22.58	-1.01	21.57	<=30	Pass
			6	22.63	-1.01	21.62	<=30	Pass
			13	22.55	-1.01	21.54	<=30	Pass
		25	0	22.58	-1.01	21.57	<=30	Pass
16QAM	1712.5	1	0	22.62	-1.01	21.61	<=30	Pass
			13	22.67	-1.01	21.66	<=30	Pass
			24	22.63	-1.01	21.62	<=30	Pass
		12	0	21.41	-1.01	20.40	<=30	Pass
			6	21.47	-1.01	20.46	<=30	Pass
			13	21.47	-1.01	20.46	<=30	Pass
		25	0	21.47	-1.01	20.46	<=30	Pass
	1745	1	0	22.49	-1.01	21.48	<=30	Pass
			13	22.55	-1.01	21.54	<=30	Pass
			24	22.44	-1.01	21.43	<=30	Pass
		12	0	21.36	-1.01	20.35	<=30	Pass
			6	21.43	-1.01	20.42	<=30	Pass
			13	21.42	-1.01	20.41	<=30	Pass
		25	0	21.37	-1.01	20.36	<=30	Pass
	1777.5	1	0	22.76	-1.01	21.75	<=30	Pass
			13	22.83	-1.01	21.82	<=30	Pass
			24	22.80	-1.01	21.79	<=30	Pass
		12	0	21.50	-1.01	20.49	<=30	Pass
			6	21.55	-1.01	20.54	<=30	Pass
			13	21.48	-1.01	20.47	<=30	Pass
		25	0	21.57	-1.01	20.56	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.47	-1.01	22.46	<=30	Pass
			25	23.57	-1.01	22.56	<=30	Pass
			49	23.50	-1.01	22.49	<=30	Pass
		25	0	22.48	-1.01	21.47	<=30	Pass
			13	22.50	-1.01	21.49	<=30	Pass
			25	22.57	-1.01	21.56	<=30	Pass
		50	0	22.53	-1.01	21.52	<=30	Pass
	1745	1	0	23.46	-1.01	22.45	<=30	Pass
			25	23.58	-1.01	22.57	<=30	Pass
			49	23.44	-1.01	22.43	<=30	Pass
		25	0	22.40	-1.01	21.39	<=30	Pass
			13	22.44	-1.01	21.43	<=30	Pass
			25	22.44	-1.01	21.43	<=30	Pass
		50	0	22.41	-1.01	21.40	<=30	Pass
	1775	1	0	23.52	-1.01	22.51	<=30	Pass
			25	23.62	-1.01	22.61	<=30	Pass
			49	23.64	-1.01	22.63	<=30	Pass
		25	0	22.61	-1.01	21.60	<=30	Pass
			13	22.64	-1.01	21.63	<=30	Pass
			25	22.64	-1.01	21.63	<=30	Pass
		50	0	22.62	-1.01	21.61	<=30	Pass
16QAM	1715	1	0	22.62	-1.01	21.61	<=30	Pass
			25	22.74	-1.01	21.73	<=30	Pass
			49	22.63	-1.01	21.62	<=30	Pass
		25	0	21.51	-1.01	20.50	<=30	Pass
			13	21.55	-1.01	20.54	<=30	Pass
			25	21.58	-1.01	20.57	<=30	Pass
		50	0	21.52	-1.01	20.51	<=30	Pass
	1745	1	0	22.50	-1.01	21.49	<=30	Pass
			25	22.55	-1.01	21.54	<=30	Pass
			49	22.40	-1.01	21.39	<=30	Pass
		25	0	21.48	-1.01	20.47	<=30	Pass
			13	21.47	-1.01	20.46	<=30	Pass
			25	21.48	-1.01	20.47	<=30	Pass
		50	0	21.44	-1.01	20.43	<=30	Pass
	1775	1	0	22.71	-1.01	21.70	<=30	Pass
			25	22.87	-1.01	21.86	<=30	Pass
			49	22.80	-1.01	21.79	<=30	Pass
		25	0	21.65	-1.01	20.64	<=30	Pass
			13	21.69	-1.01	20.68	<=30	Pass
			25	21.66	-1.01	20.65	<=30	Pass
		50	0	21.62	-1.01	20.61	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.43	-1.01	22.42	<=30	Pass
			38	23.58	-1.01	22.57	<=30	Pass
			74	23.46	-1.01	22.45	<=30	Pass
		36	0	22.59	-1.01	21.58	<=30	Pass
			18	22.64	-1.01	21.63	<=30	Pass
			39	22.65	-1.01	21.64	<=30	Pass
		75	0	22.62	-1.01	21.61	<=30	Pass
	1745	1	0	23.33	-1.01	22.32	<=30	Pass
			38	23.42	-1.01	22.41	<=30	Pass
			74	23.28	-1.01	22.27	<=30	Pass
		36	0	22.48	-1.01	21.47	<=30	Pass
			18	22.56	-1.01	21.55	<=30	Pass
			39	22.58	-1.01	21.57	<=30	Pass
		75	0	22.54	-1.01	21.53	<=30	Pass
	1772.5	1	0	23.40	-1.01	22.39	<=30	Pass
			38	23.60	-1.01	22.59	<=30	Pass
			74	23.54	-1.01	22.53	<=30	Pass
		36	0	22.64	-1.01	21.63	<=30	Pass
			18	22.72	-1.01	21.71	<=30	Pass
			39	22.80	-1.01	21.79	<=30	Pass
		75	0	22.70	-1.01	21.69	<=30	Pass
16QAM	1717.5	1	0	22.44	-1.01	21.43	<=30	Pass
			38	22.55	-1.01	21.54	<=30	Pass
			74	22.47	-1.01	21.46	<=30	Pass
		36	0	21.51	-1.01	20.50	<=30	Pass
			18	21.55	-1.01	20.54	<=30	Pass
			39	21.57	-1.01	20.56	<=30	Pass
		75	0	21.56	-1.01	20.55	<=30	Pass
	1745	1	0	22.56	-1.01	21.55	<=30	Pass
			38	22.57	-1.01	21.56	<=30	Pass
			74	22.44	-1.01	21.43	<=30	Pass
		36	0	21.44	-1.01	20.43	<=30	Pass
			18	21.49	-1.01	20.48	<=30	Pass
			39	21.48	-1.01	20.47	<=30	Pass
		75	0	21.50	-1.01	20.49	<=30	Pass
	1772.5	1	0	22.90	-1.01	21.89	<=30	Pass
			38	23.03	-1.01	22.02	<=30	Pass
			74	22.94	-1.01	21.93	<=30	Pass
		36	0	21.55	-1.01	20.54	<=30	Pass
			18	21.61	-1.01	20.60	<=30	Pass
			39	21.67	-1.01	20.66	<=30	Pass
		75	0	21.63	-1.01	20.62	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.22	-1.01	22.21	<=30	Pass
			50	23.64	-1.01	22.63	<=30	Pass
			99	23.26	-1.01	22.25	<=30	Pass
		50	0	22.39	-1.01	21.38	<=30	Pass
			25	22.51	-1.01	21.50	<=30	Pass
			50	22.52	-1.01	21.51	<=30	Pass
		100	0	22.45	-1.01	21.44	<=30	Pass
	1745	1	0	23.20	-1.01	22.19	<=30	Pass
			50	23.54	-1.01	22.53	<=30	Pass
			99	23.16	-1.01	22.15	<=30	Pass
		50	0	22.38	-1.01	21.37	<=30	Pass
			25	22.41	-1.01	21.40	<=30	Pass
			50	22.44	-1.01	21.43	<=30	Pass
		100	0	22.42	-1.01	21.41	<=30	Pass
	1770	1	0	23.12	-1.01	22.11	<=30	Pass
			50	23.63	-1.01	22.62	<=30	Pass
			99	23.36	-1.01	22.35	<=30	Pass
		50	0	22.56	-1.01	21.55	<=30	Pass
			25	22.59	-1.01	21.58	<=30	Pass
			50	22.58	-1.01	21.57	<=30	Pass
		100	0	22.57	-1.01	21.56	<=30	Pass
16QAM	1720	1	0	22.41	-1.01	21.40	<=30	Pass
			50	22.84	-1.01	21.83	<=30	Pass
			99	22.47	-1.01	21.46	<=30	Pass
		50	0	21.48	-1.01	20.47	<=30	Pass
			25	21.54	-1.01	20.53	<=30	Pass
			50	21.57	-1.01	20.56	<=30	Pass
		100	0	21.50	-1.01	20.49	<=30	Pass
	1745	1	0	22.45	-1.01	21.44	<=30	Pass
			50	22.65	-1.01	21.64	<=30	Pass
			99	22.31	-1.01	21.30	<=30	Pass
		50	0	21.41	-1.01	20.40	<=30	Pass
			25	21.42	-1.01	20.41	<=30	Pass
			50	21.44	-1.01	20.43	<=30	Pass
		100	0	21.46	-1.01	20.45	<=30	Pass
	1770	1	0	22.57	-1.01	21.56	<=30	Pass
			50	23.08	-1.01	22.07	<=30	Pass
			99	22.71	-1.01	21.70	<=30	Pass
		50	0	21.61	-1.01	20.60	<=30	Pass
			25	21.62	-1.01	20.61	<=30	Pass
			50	21.64	-1.01	20.63	<=30	Pass
		100	0	21.57	-1.01	20.56	<=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	-4.334	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
					4.43	-0.086	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-4.349	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-7.610	-0.0043	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
					4.43	-9.255	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-2.375	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-5.078	-0.0029	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass

				0	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-4.992	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0036	-2.5 to 2.5	Pass
					4.43	-2.460	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.439	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.982	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0022	-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	-9.084	-0.0053	-2.5 to 2.5	Pass
					3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
					4.43	-2.203	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.489	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-7.997	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
					4.43	-9.284	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-10.443	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-8.297	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-2.875	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.977	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-3.963	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.860	-0.0011	-2.5 to 2.5	Pass

				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0030	-2.5 to 2.5	Pass
				40	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-2.460	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-4.249	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-3.805	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0007	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-5.636	-0.0032	-2.5 to 2.5	Pass
					3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				0	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	-9.212	-0.0052	-2.5 to 2.5	Pass
					3.85	-8.297	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.894	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.380	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-8.383	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-10.486	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0035	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-9.255	-0.0054	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.693	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				0	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-4.177	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
					4.43	0.958	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-8.483	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-4.163	-0.0023	-2.5 to 2.5	Pass
					3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.811	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-7.339	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-8.111	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0021	-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	-5.779	-0.0034	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
					4.43	-7.238	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass

				30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-0.987	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.574	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-7.038	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-7.825	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.277	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-5.522	-0.0031	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.347	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
					4.43	-6.995	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-6.809	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-2.117	-0.0012	-2.5 to 2.5	Pass
					3.85	-7.167	-0.0041	-2.5 to 2.5	Pass
					4.43	-4.649	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-2.861	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0033	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-4.506	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-7.181	-0.0042	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-6.208	-0.0036	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
					4.43	-6.037	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-4.478	-0.0025	-2.5 to 2.5	Pass
					3.85	-5.507	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.436	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.250	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.495	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-10.400	-0.0060	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
					4.43	-6.108	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-9.313	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-8.011	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-7.539	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.27	-6.995	-0.0039	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0035	-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	-6.094	-0.0035	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
					4.43	-6.309	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-6.366	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.320	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.437	-0.0037	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.608	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0054	-2.5 to 2.5	Pass

				30	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-7.868	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.523	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-9.012	-0.0051	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
					4.43	-4.177	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.349	-0.0025	-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

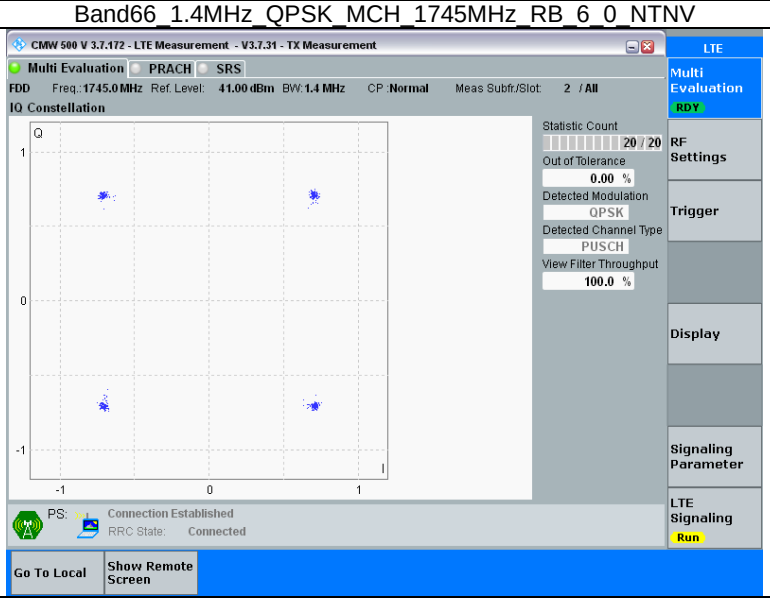
3.1.6 B66_20MHz

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

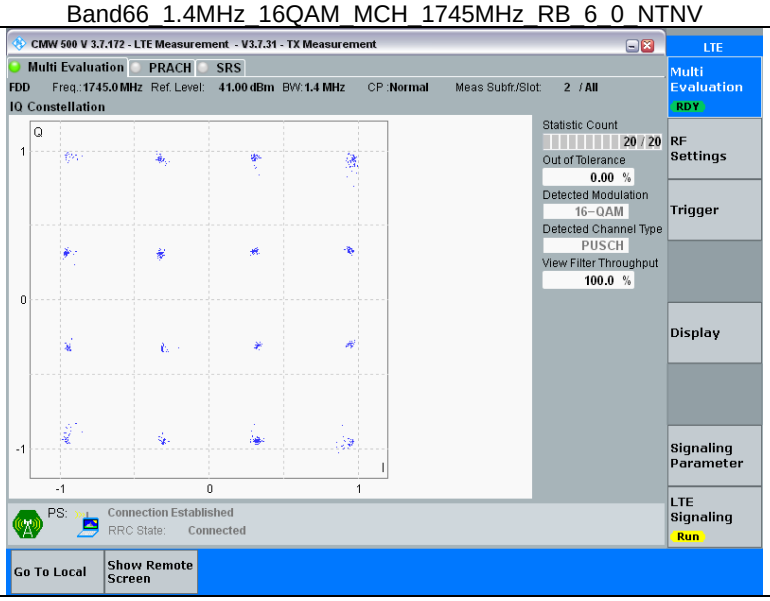
3.2 Test Graph

3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

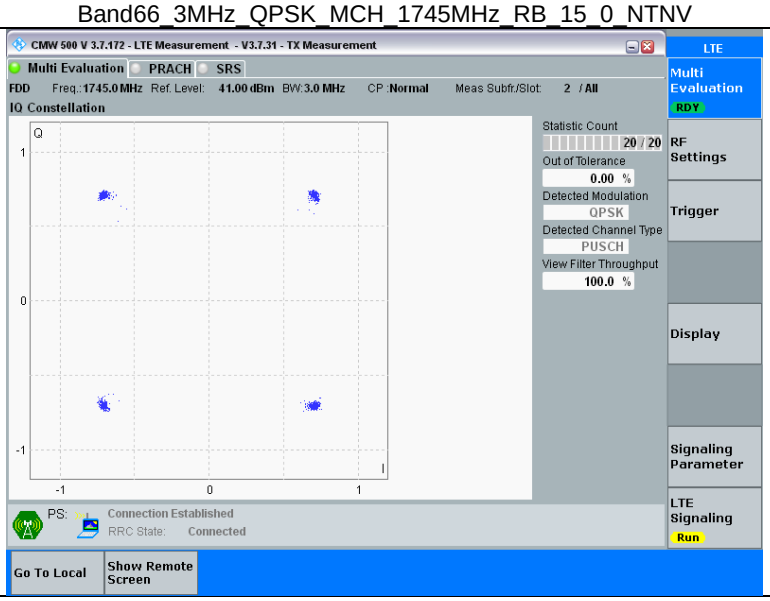


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

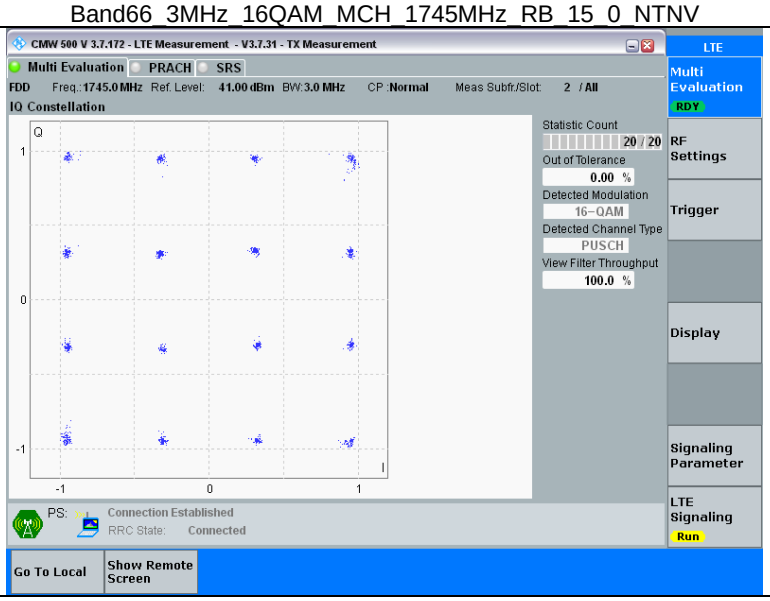


3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

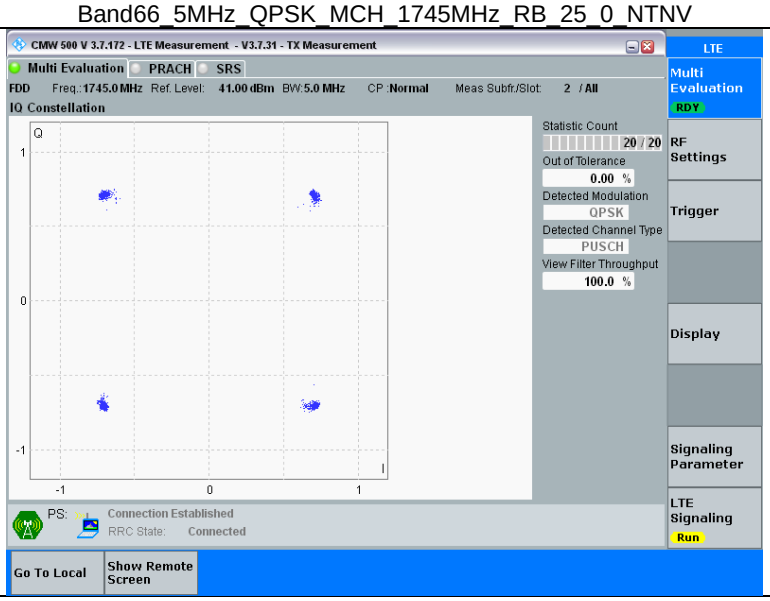


Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

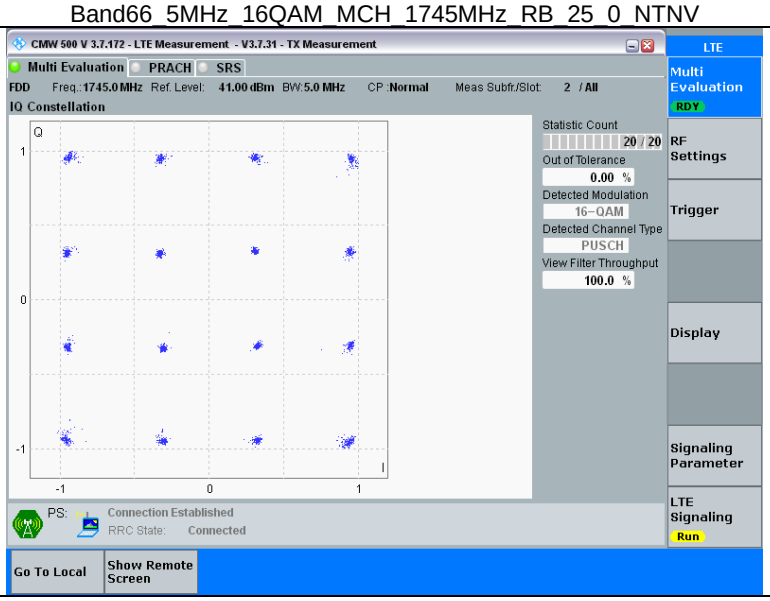


3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

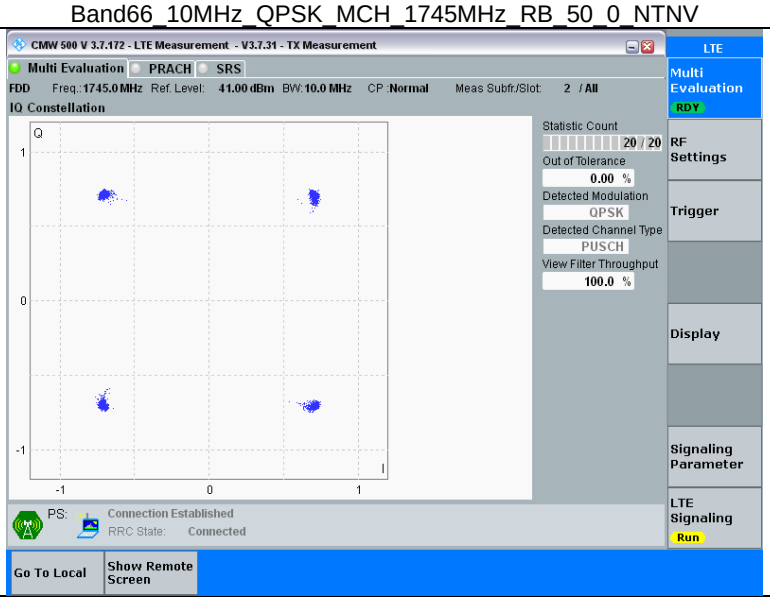


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

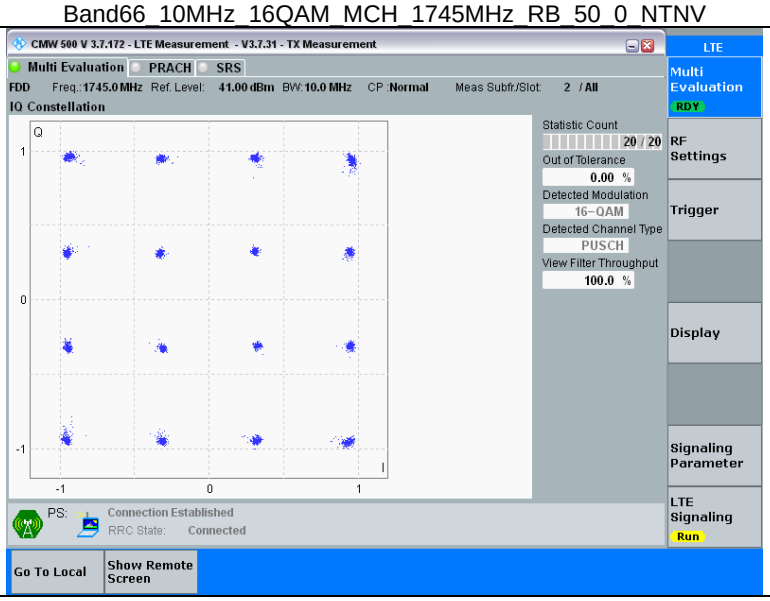


3.2.4 B66_10MHz

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

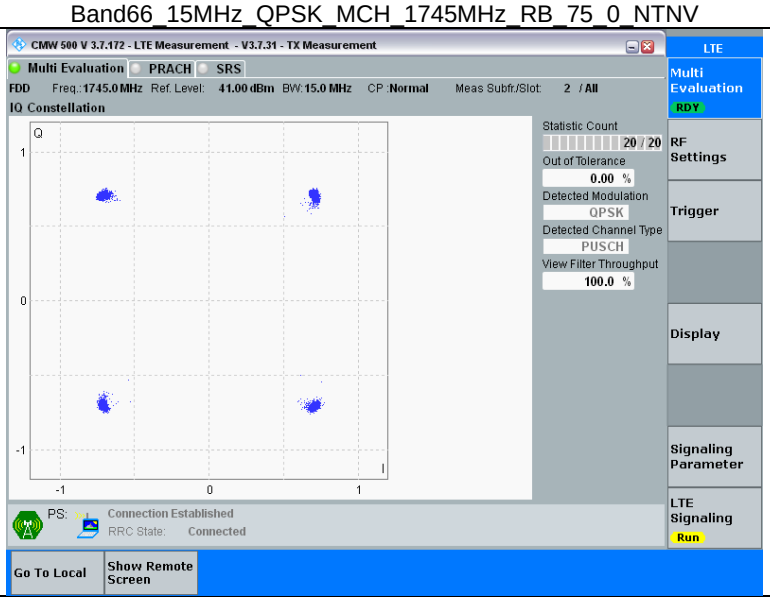


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

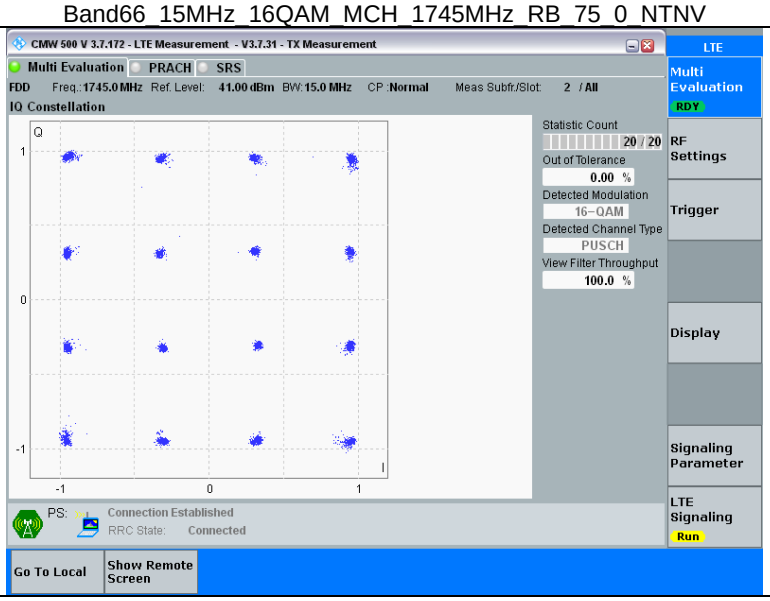


3.2.5 B66_15MHz

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

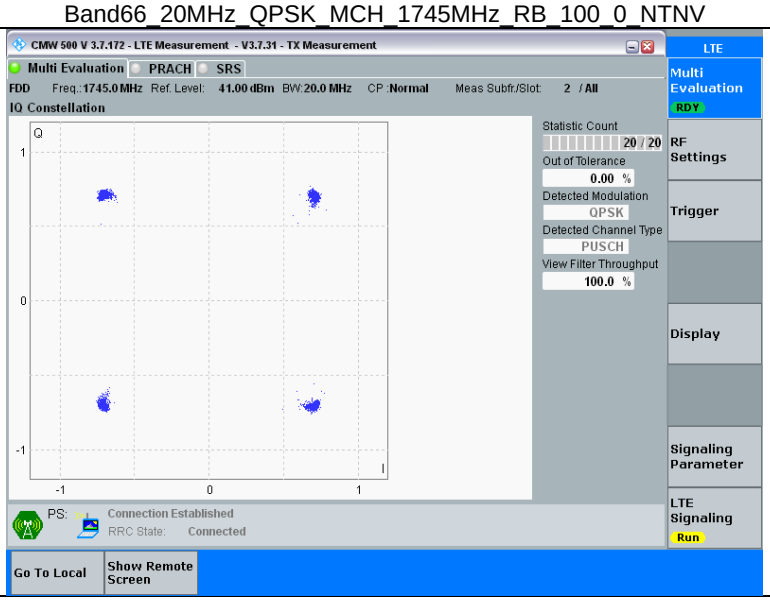


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

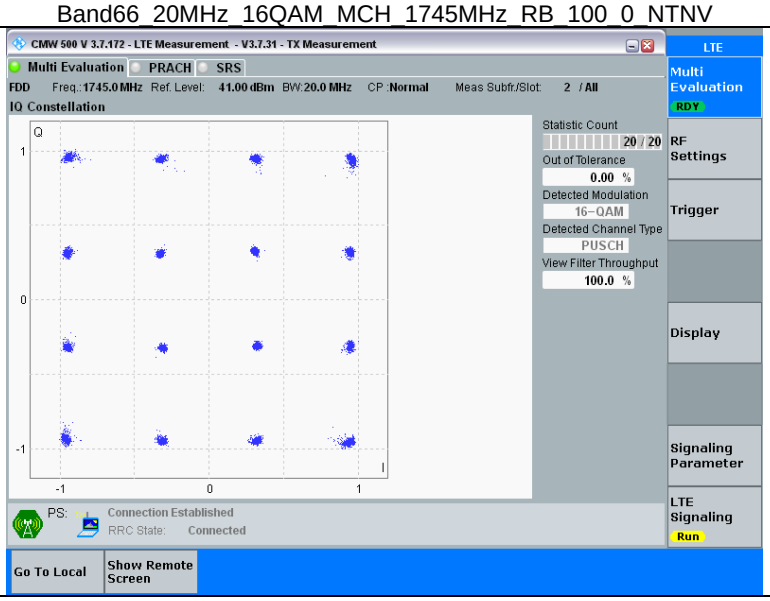


3.2.6 B66_20MHz

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	1.107	/	Pass
		1745	6	0	1.116	/	Pass
		1779.3	6	0	1.112	/	Pass
	16QAM	1710.7	6	0	1.109	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.108	/	Pass
3	QPSK	1711.5	15	0	2.732	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.730	/	Pass
	16QAM	1711.5	15	0	2.722	/	Pass
		1745	15	0	2.733	/	Pass
		1778.5	15	0	2.729	/	Pass
5	QPSK	1712.5	25	0	4.569	/	Pass
		1745	25	0	4.591	/	Pass
		1777.5	25	0	4.576	/	Pass
	16QAM	1712.5	25	0	4.597	/	Pass
		1745	25	0	4.573	/	Pass
		1777.5	25	0	4.582	/	Pass
10	QPSK	1715	50	0	9.132	/	Pass
		1745	50	0	9.068	/	Pass
		1775	50	0	9.082	/	Pass
	16QAM	1715	50	0	9.085	/	Pass
		1745	50	0	9.089	/	Pass
		1775	50	0	9.079	/	Pass
15	QPSK	1717.5	75	0	13.632	/	Pass
		1745	75	0	13.607	/	Pass
		1772.5	75	0	13.643	/	Pass
	16QAM	1717.5	75	0	13.644	/	Pass
		1745	75	0	13.663	/	Pass
		1772.5	75	0	13.624	/	Pass
20	QPSK	1720	100	0	18.167	/	Pass
		1745	100	0	18.118	/	Pass
		1770	100	0	18.126	/	Pass
	16QAM	1720	100	0	18.167	/	Pass
		1745	100	0	18.151	/	Pass
		1770	100	0	18.142	/	Pass

4.1.2 Band66_XDB

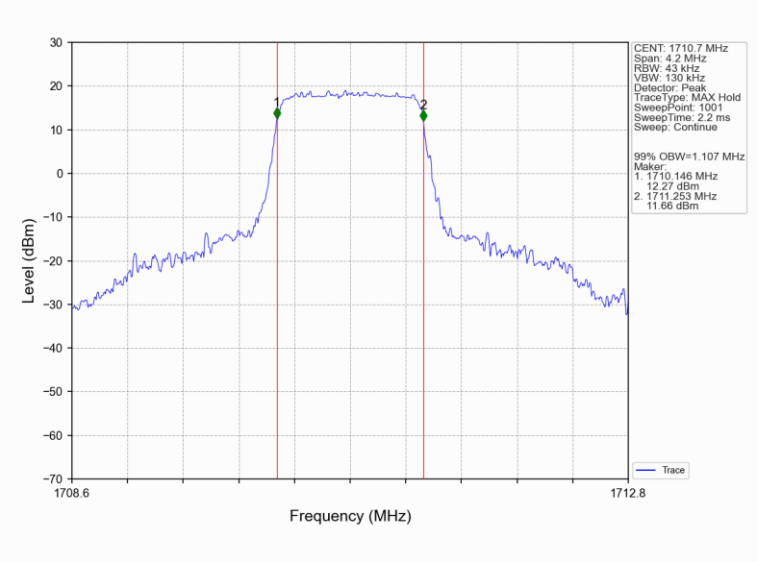
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.335	/	Pass
		1745	6	0	1.435	/	Pass
		1779.3	6	0	1.317	/	Pass

	16QAM	1710.7	6	0	1.314	/	Pass
		1745	6	0	1.349	/	Pass
		1779.3	6	0	1.295	/	Pass
3	QPSK	1711.5	15	0	2.992	/	Pass
		1745	15	0	2.984	/	Pass
		1778.5	15	0	3.007	/	Pass
	16QAM	1711.5	15	0	2.995	/	Pass
		1745	15	0	3.012	/	Pass
		1778.5	15	0	2.992	/	Pass
5	QPSK	1712.5	25	0	5.287	/	Pass
		1745	25	0	5.333	/	Pass
		1777.5	25	0	5.284	/	Pass
	16QAM	1712.5	25	0	5.346	/	Pass
		1745	25	0	5.245	/	Pass
		1777.5	25	0	5.293	/	Pass
10	QPSK	1715	50	0	10.247	/	Pass
		1745	50	0	10.305	/	Pass
		1775	50	0	10.252	/	Pass
	16QAM	1715	50	0	10.246	/	Pass
		1745	50	0	10.245	/	Pass
		1775	50	0	10.196	/	Pass
15	QPSK	1717.5	75	0	15.275	/	Pass
		1745	75	0	15.348	/	Pass
		1772.5	75	0	15.394	/	Pass
	16QAM	1717.5	75	0	15.364	/	Pass
		1745	75	0	15.340	/	Pass
		1772.5	75	0	15.429	/	Pass
20	QPSK	1720	100	0	20.048	/	Pass
		1745	100	0	20.316	/	Pass
		1770	100	0	19.905	/	Pass
	16QAM	1720	100	0	20.151	/	Pass
		1745	100	0	19.925	/	Pass
		1770	100	0	20.263	/	Pass

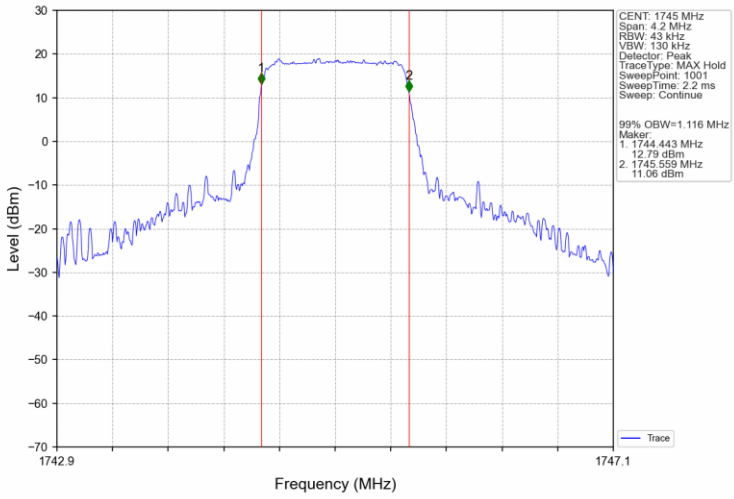
4.2 Test Graph

4.2.1 Band66_OBW

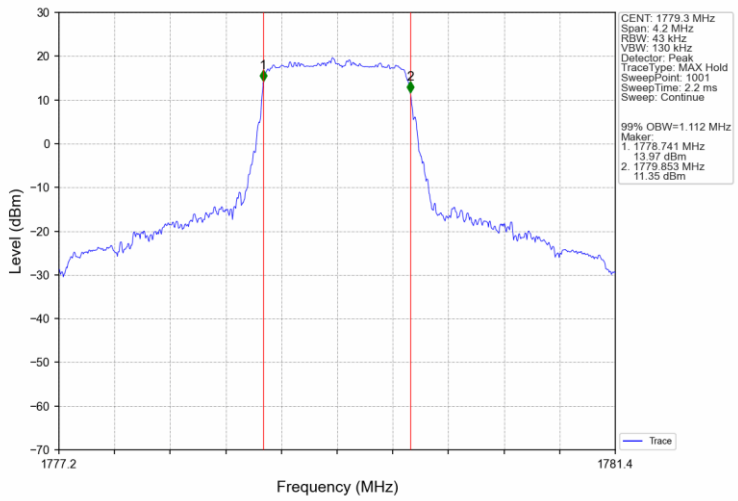
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



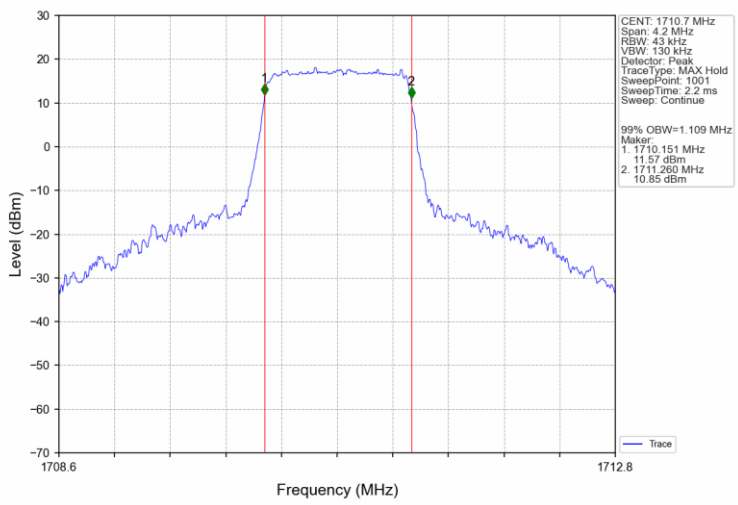
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



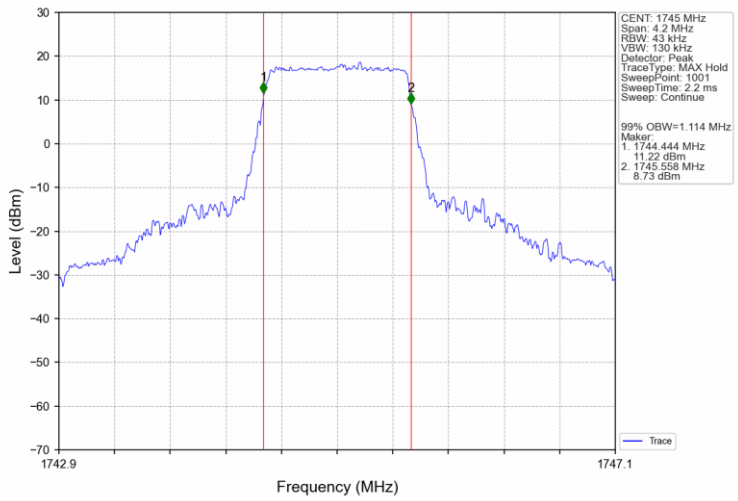
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



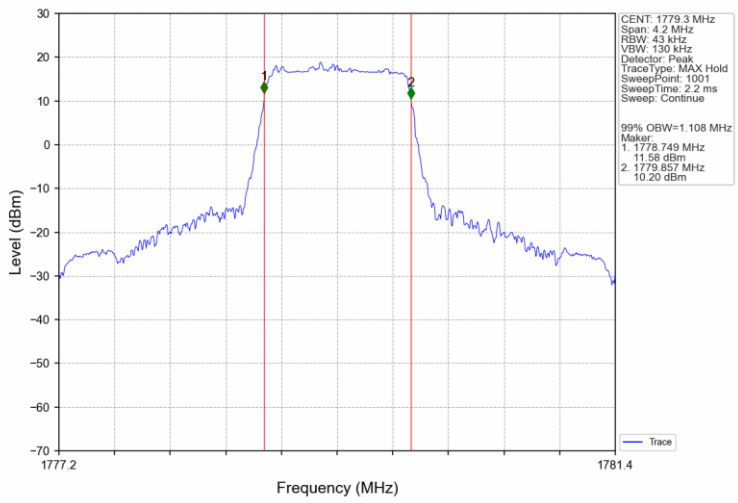
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



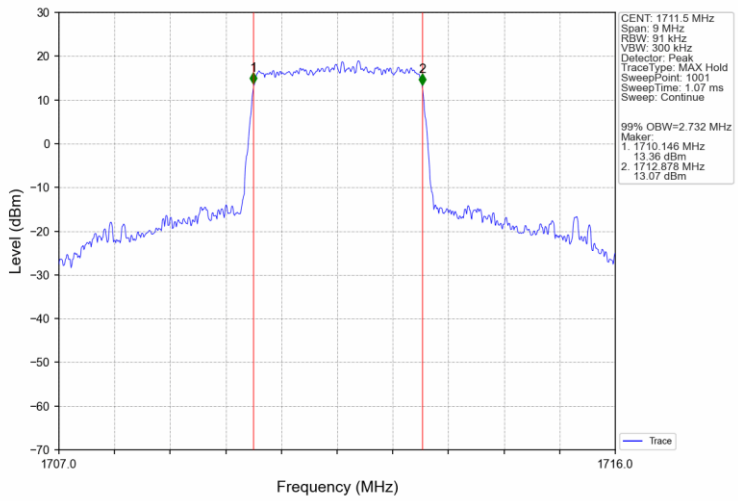
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



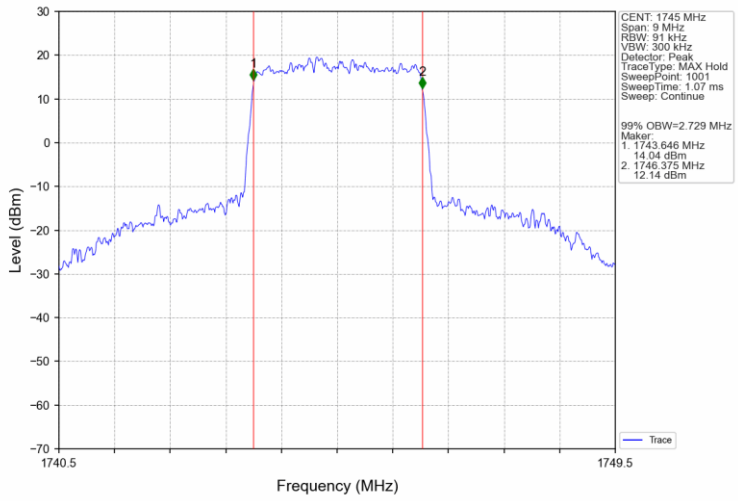
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



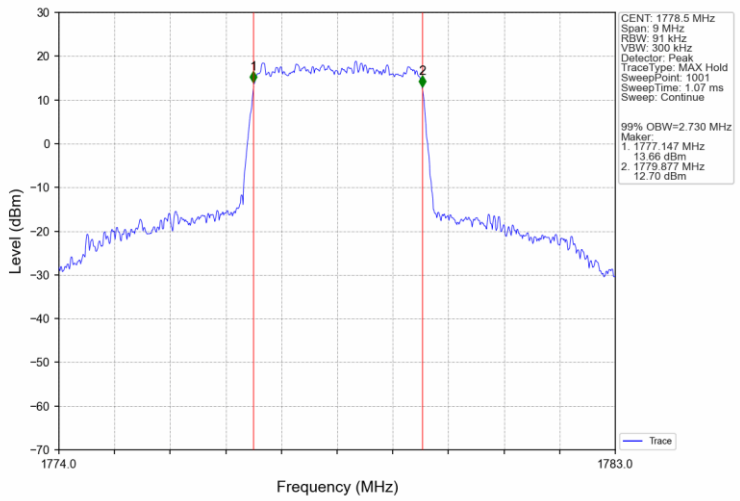
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



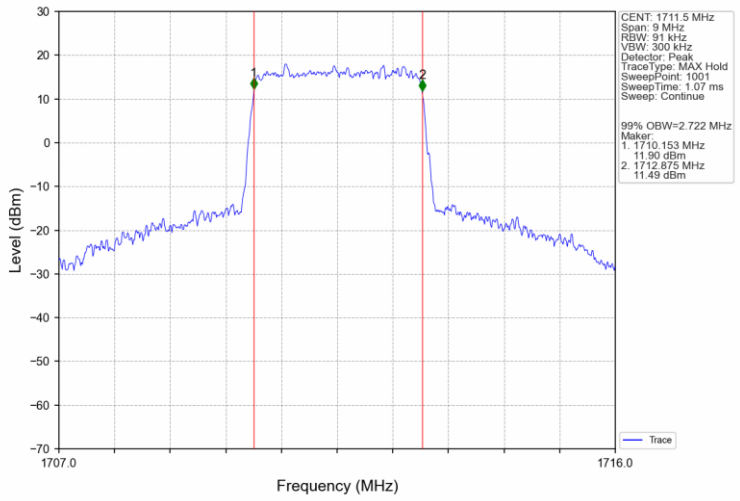
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



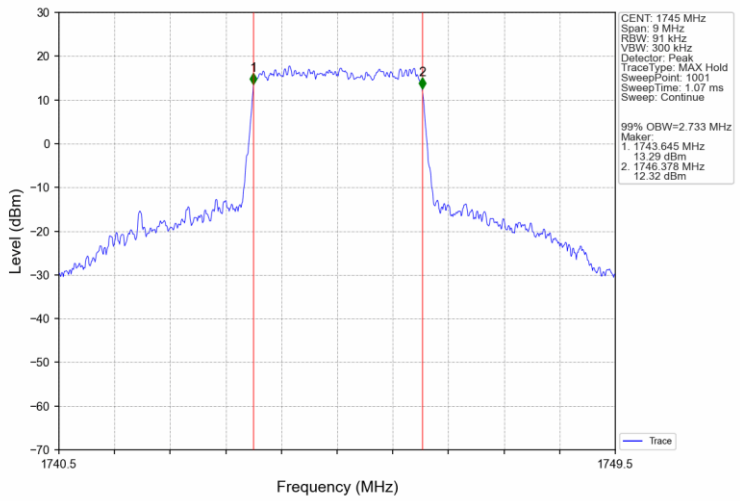
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



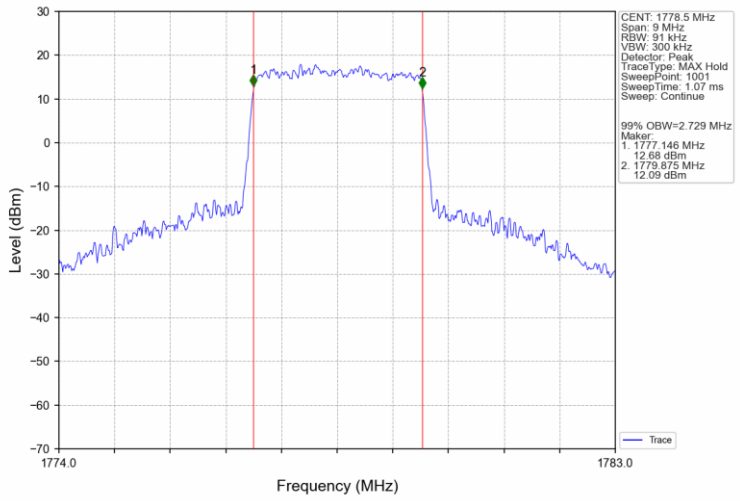
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



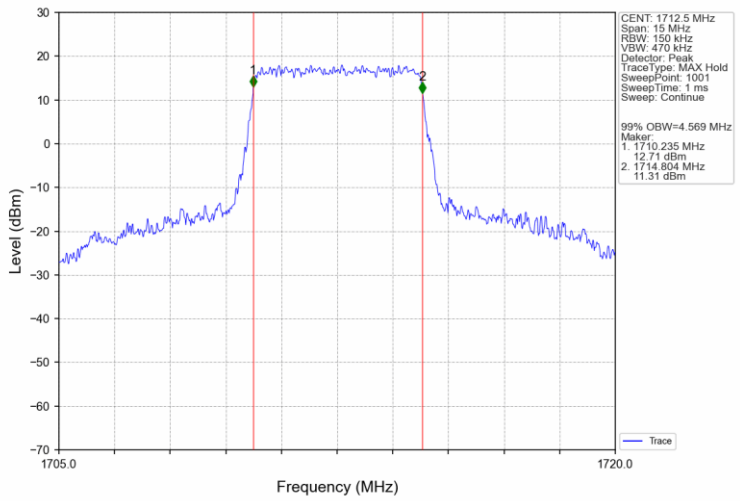
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



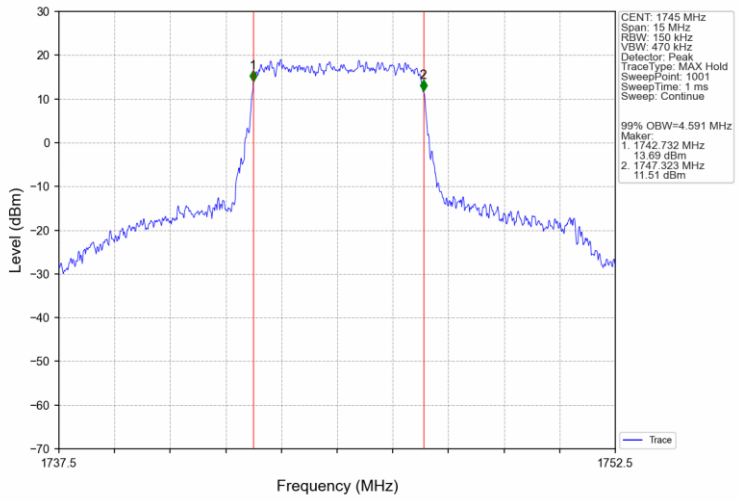
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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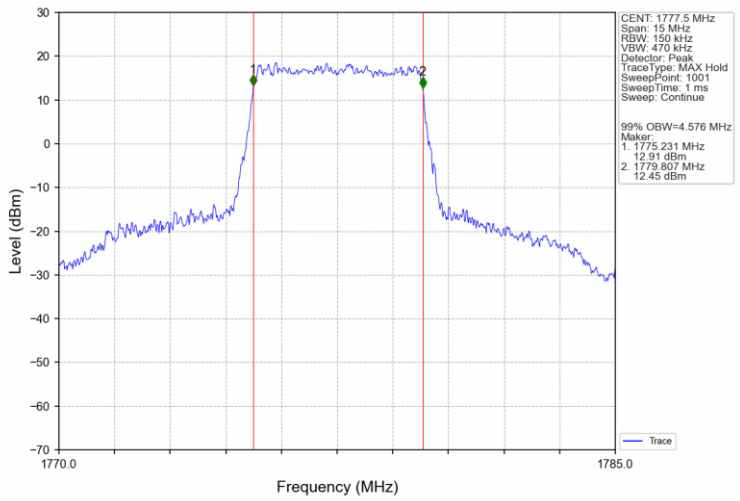
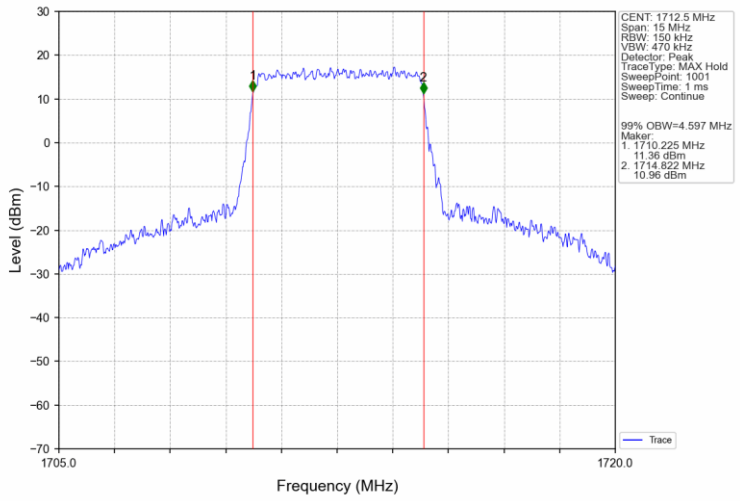
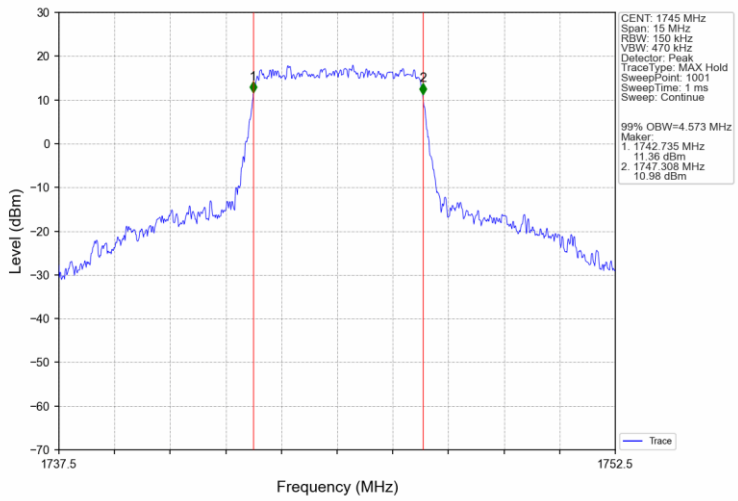


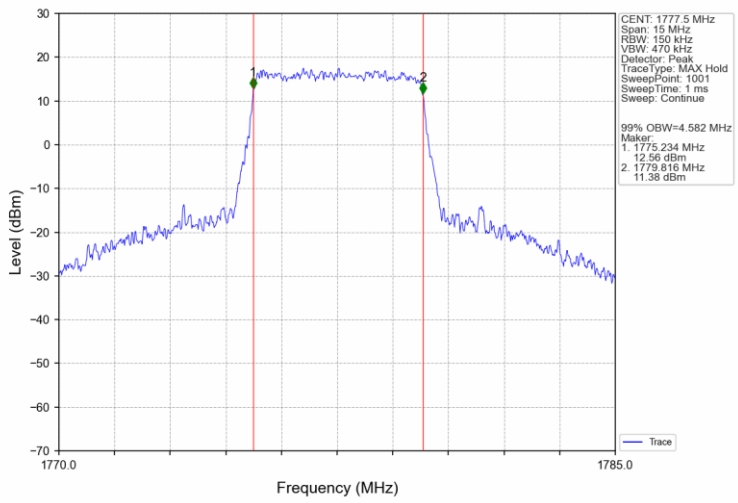
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



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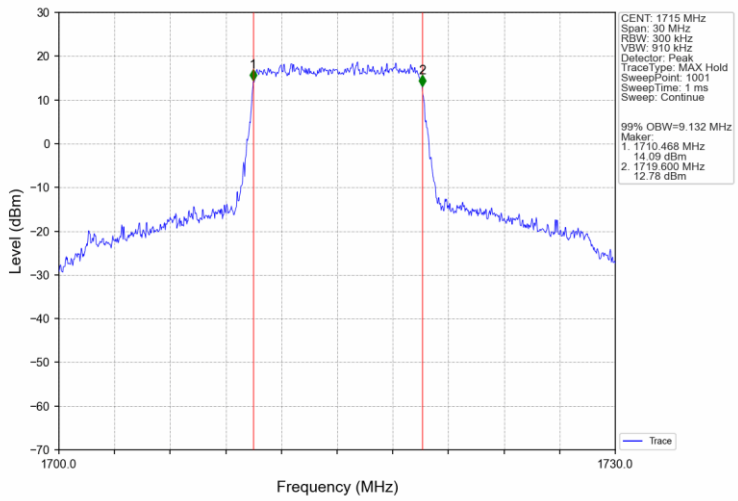
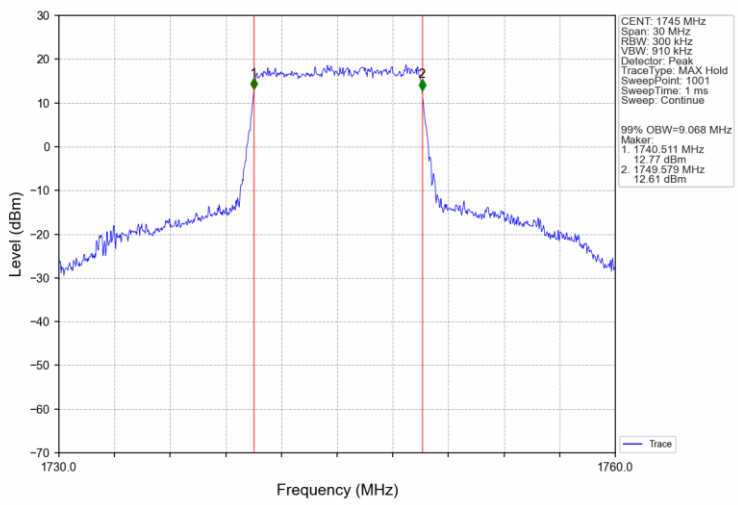


Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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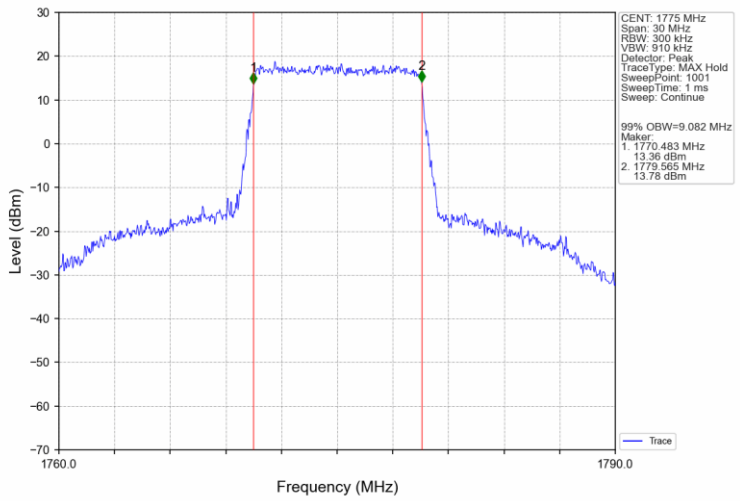
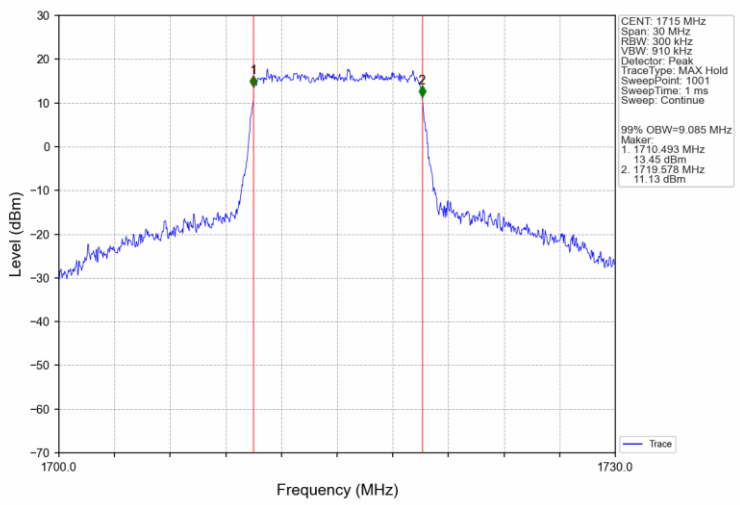
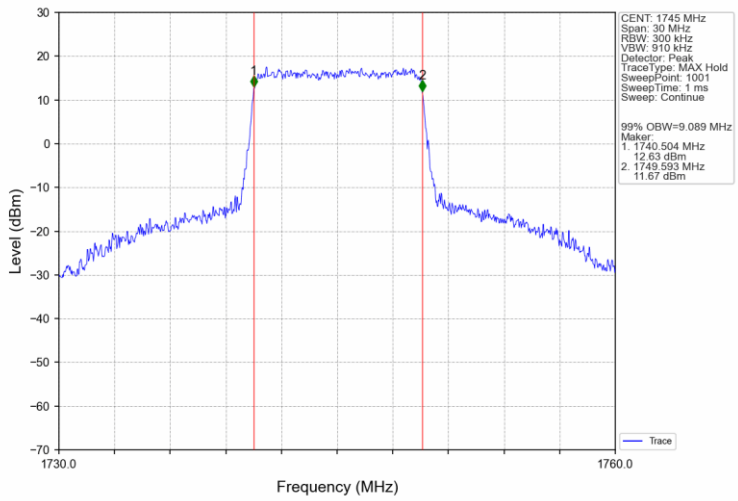


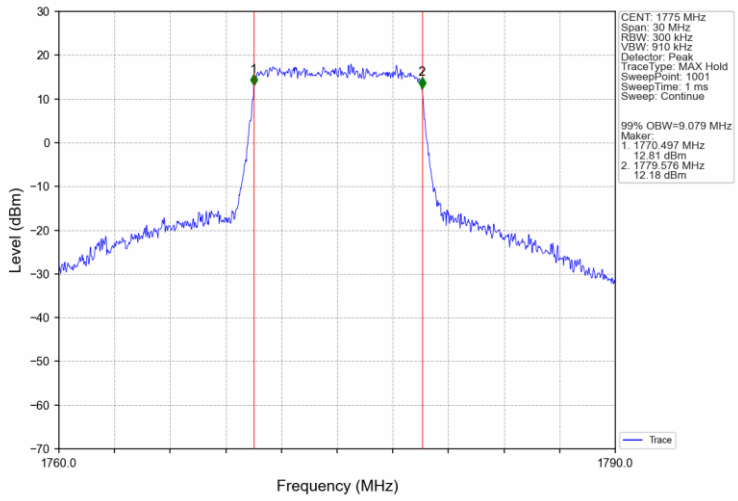
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



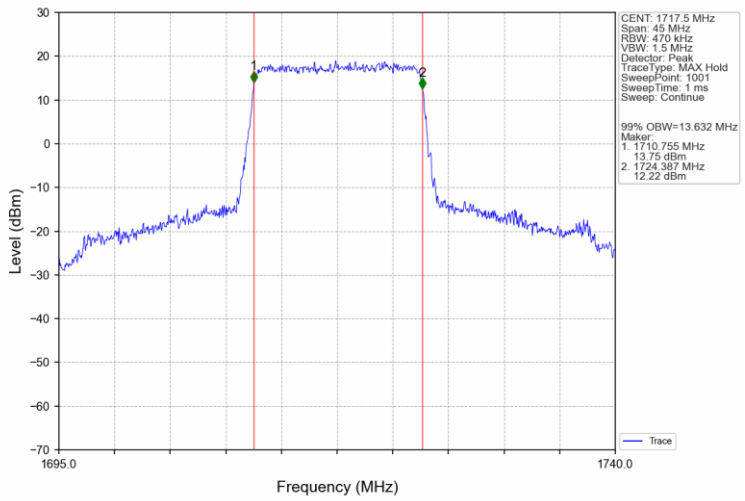
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



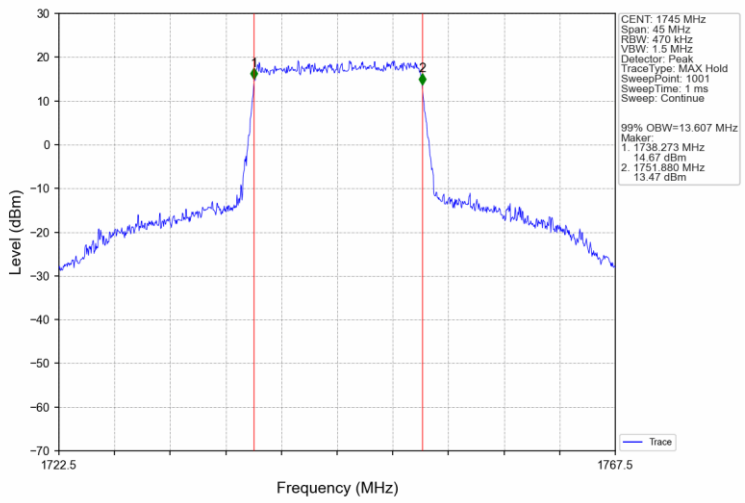
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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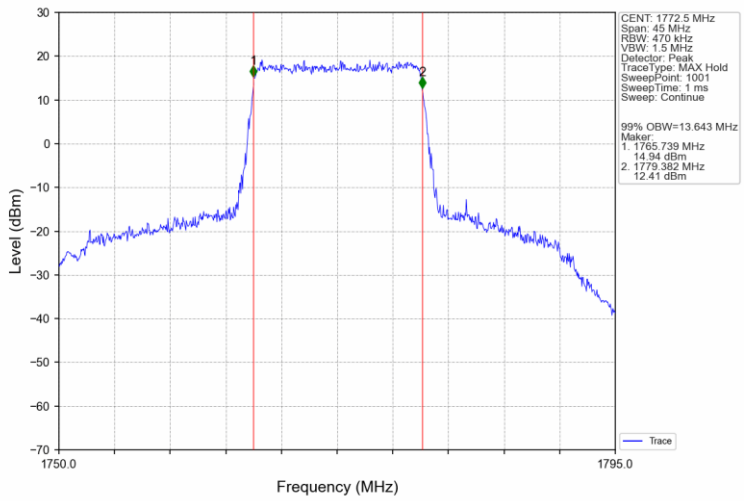
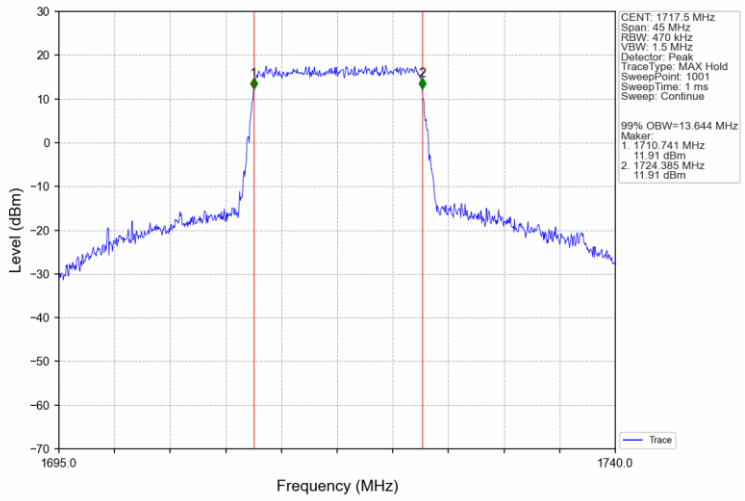
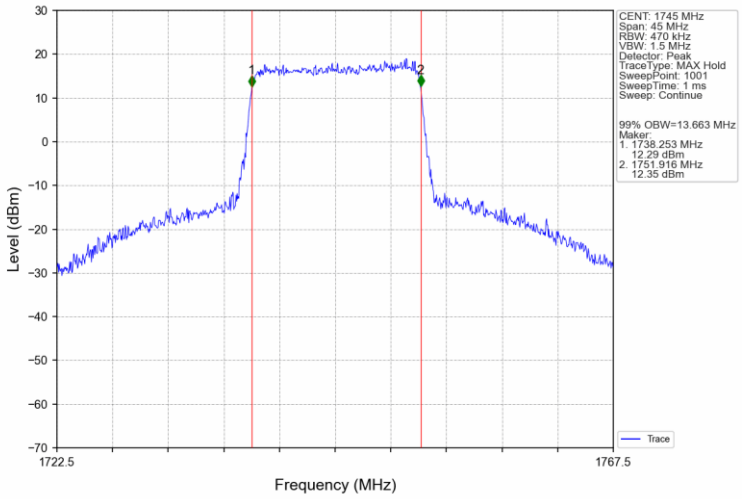


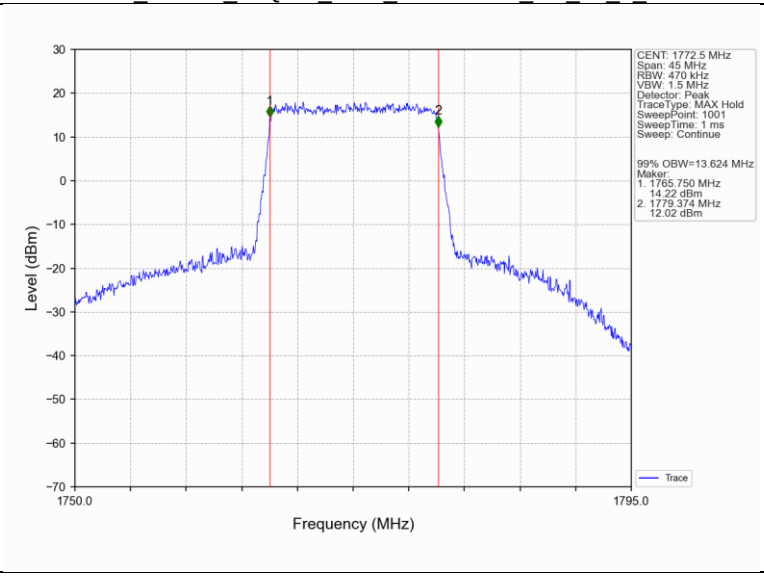
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



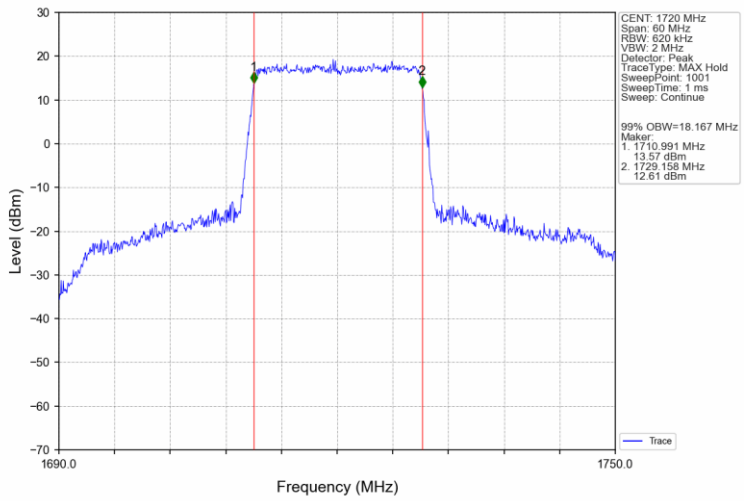
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



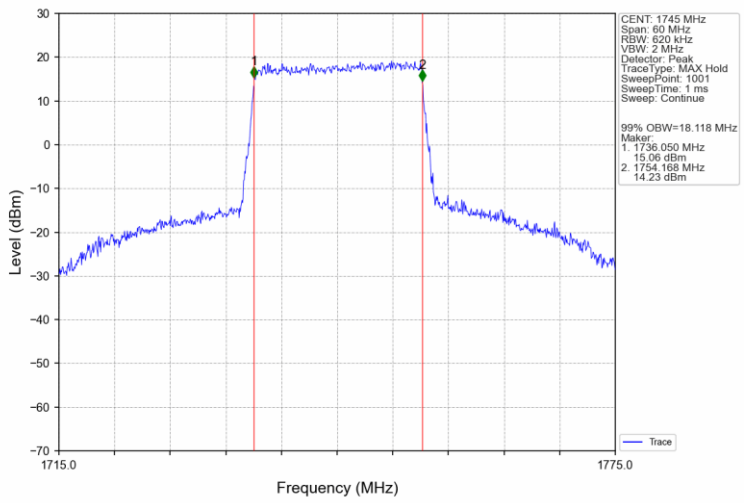
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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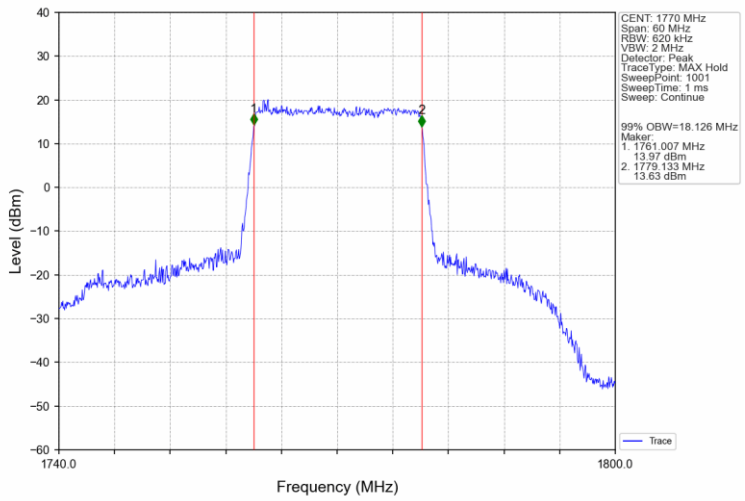
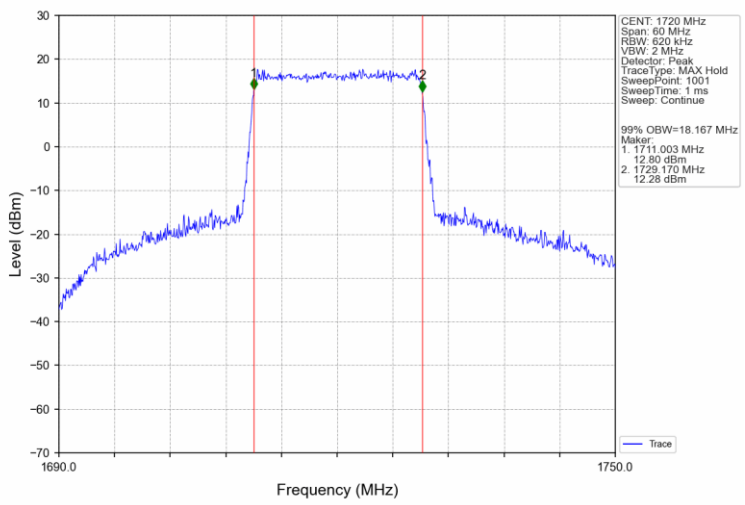
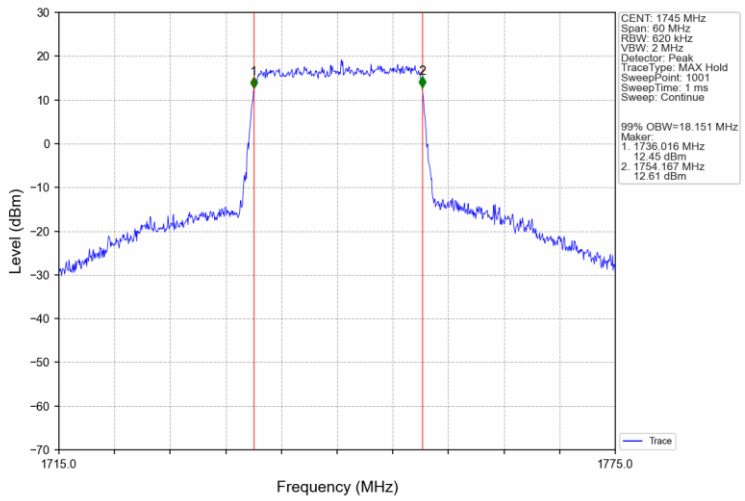


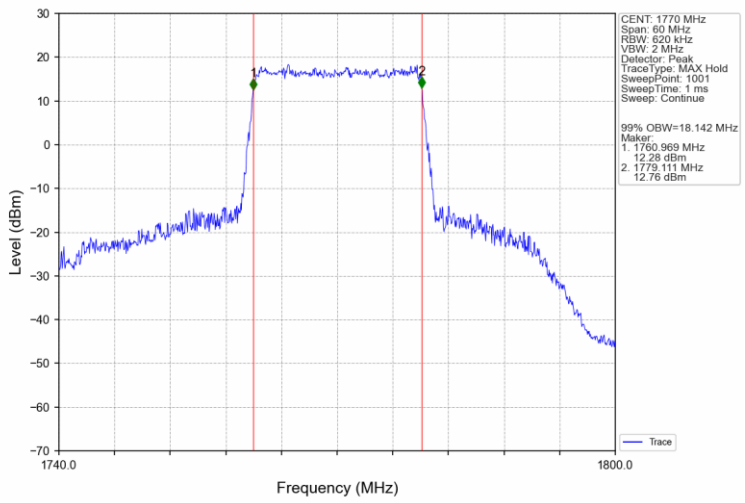
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

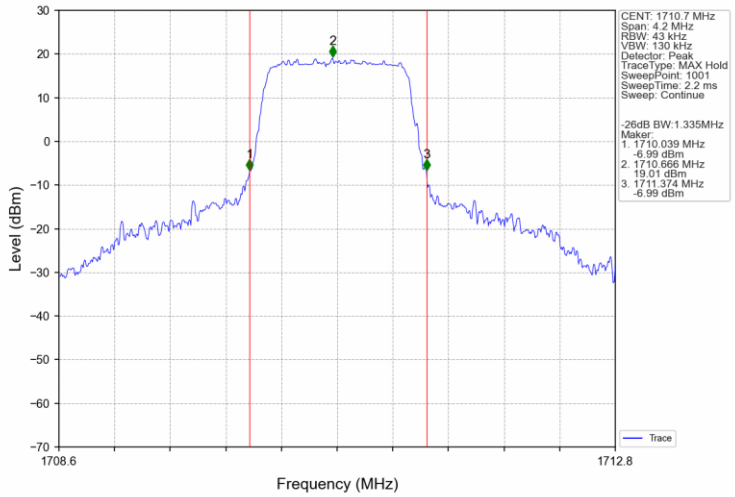


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

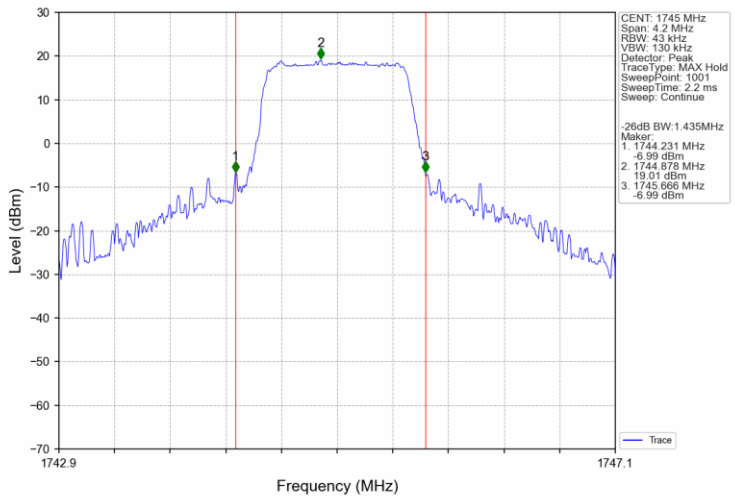


4.2.2 Band66_XDB

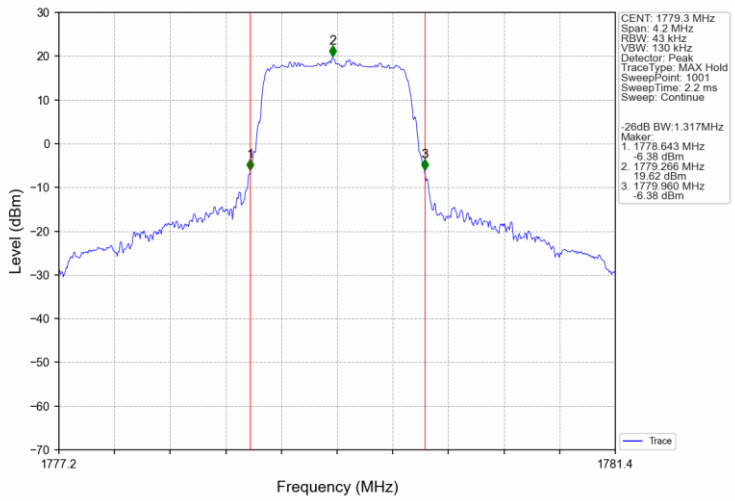
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



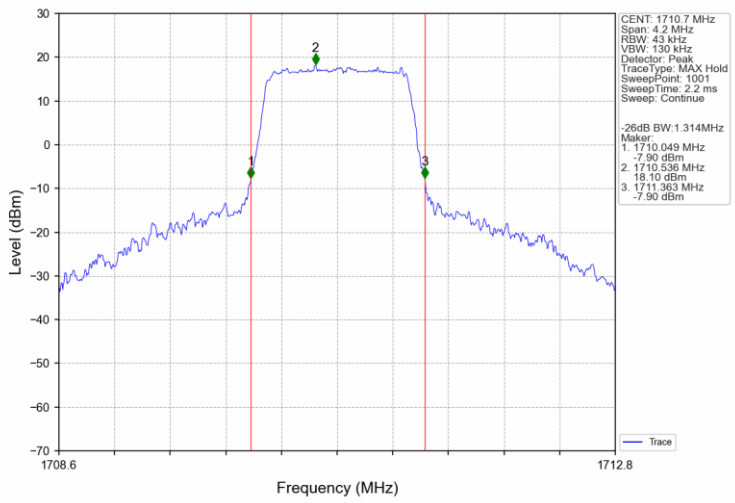
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



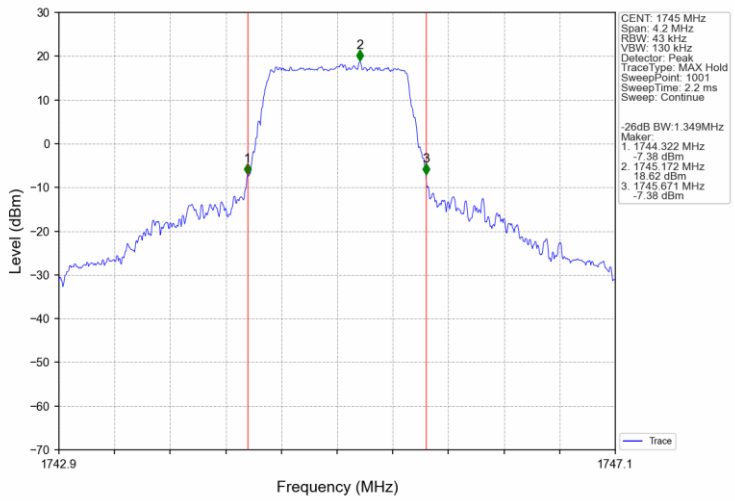
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



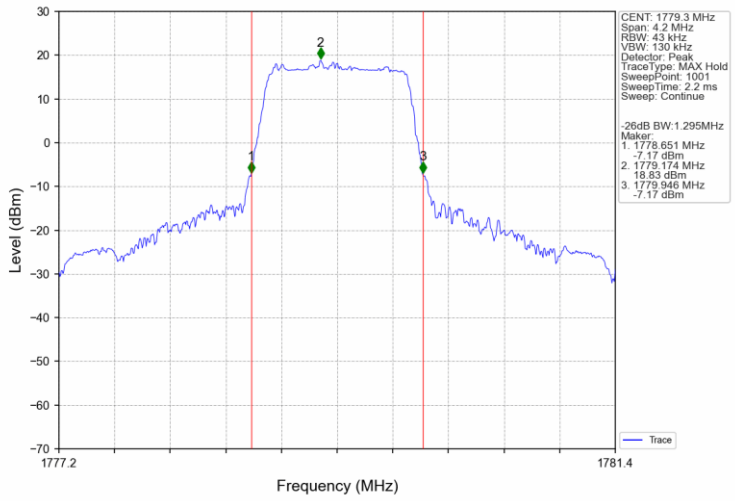
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



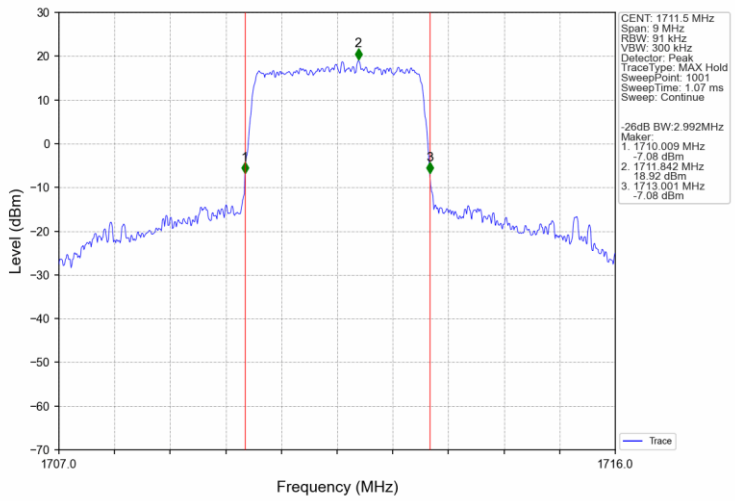
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



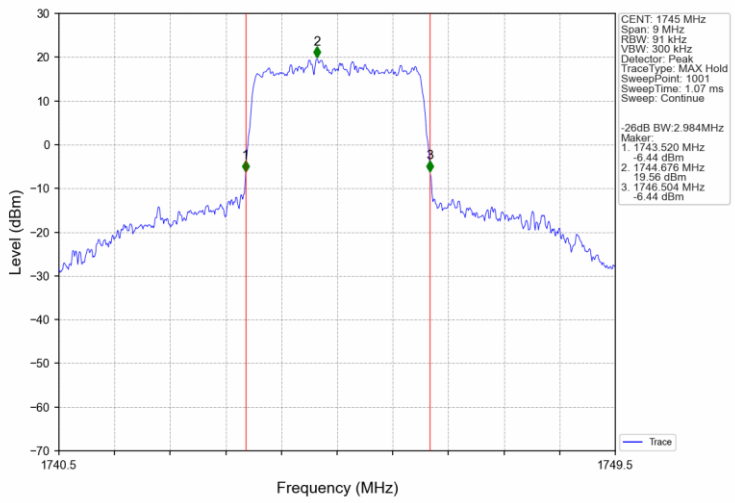
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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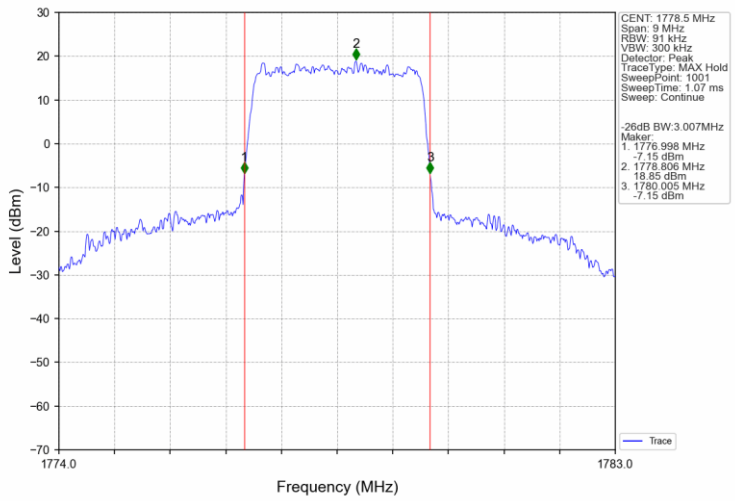
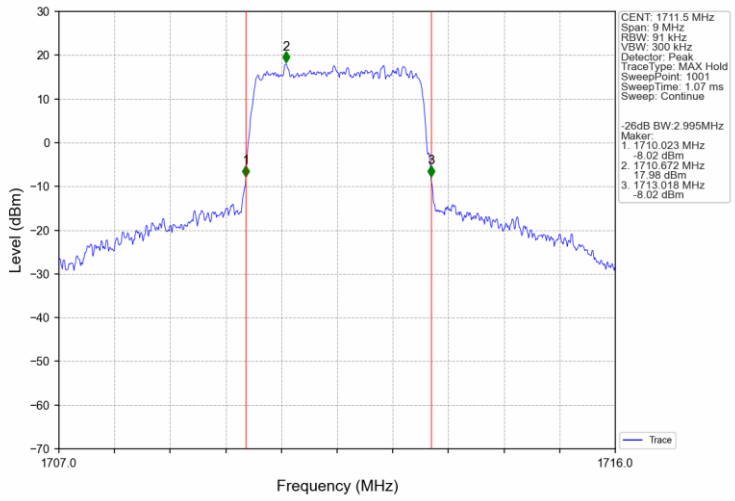
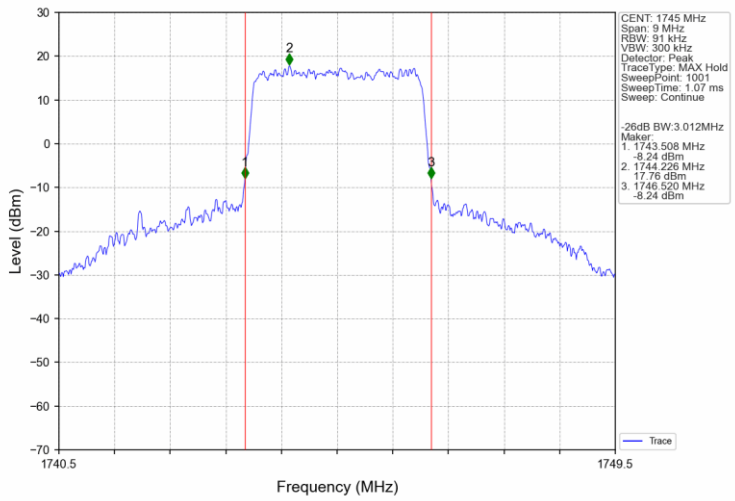
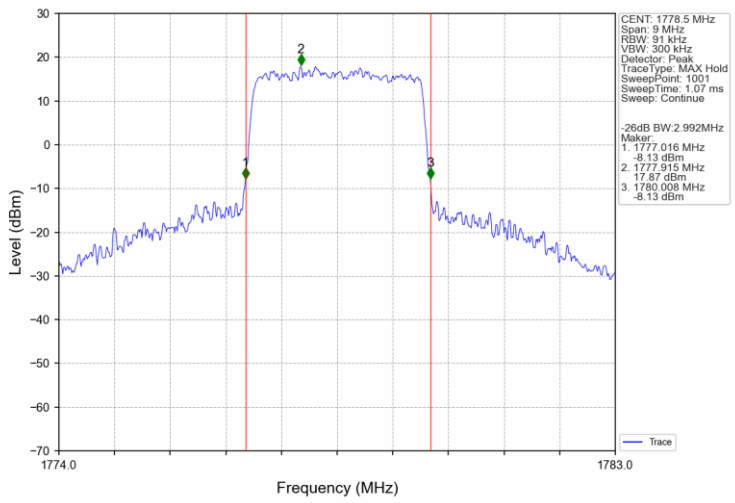


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV