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	24.04	-3.65	20.39	<=30	Pass
			2	24.09	-3.65	20.44	<=30	Pass
			5	24.09	-3.65	20.44	<=30	Pass
		3	0	24.05	-3.65	20.40	<=30	Pass
			2	24.02	-3.65	20.37	<=30	Pass
			3	24.06	-3.65	20.41	<=30	Pass
		6	0	23.04	-3.65	19.39	<=30	Pass
	1745	1	0	23.90	-3.65	20.25	<=30	Pass
			2	23.97	-3.65	20.32	<=30	Pass
			5	23.98	-3.65	20.33	<=30	Pass
		3	0	23.95	-3.65	20.30	<=30	Pass
			2	24.00	-3.65	20.35	<=30	Pass
			3	23.94	-3.65	20.29	<=30	Pass
		6	0	23.12	-3.65	19.47	<=30	Pass
	1779.3	1	0	24.19	-3.65	20.54	<=30	Pass
			2	24.25	-3.65	20.60	<=30	Pass
			5	24.23	-3.65	20.58	<=30	Pass
		3	0	24.25	-3.65	20.60	<=30	Pass
			2	24.30	-3.65	20.65	<=30	Pass
			3	24.23	-3.65	20.58	<=30	Pass
		6	0	23.14	-3.65	19.49	<=30	Pass
16QAM	1710.7	1	0	22.59	-3.65	18.94	<=30	Pass
			2	22.60	-3.65	18.95	<=30	Pass
			5	22.55	-3.65	18.90	<=30	Pass
		3	0	22.93	-3.65	19.28	<=30	Pass
			2	22.93	-3.65	19.28	<=30	Pass
			3	22.91	-3.65	19.26	<=30	Pass
		6	0	22.09	-3.65	18.44	<=30	Pass
	1745	1	0	23.31	-3.65	19.66	<=30	Pass
			2	23.25	-3.65	19.60	<=30	Pass
			5	23.31	-3.65	19.66	<=30	Pass
		3	0	22.75	-3.65	19.10	<=30	Pass
			2	22.80	-3.65	19.15	<=30	Pass
			3	22.85	-3.65	19.20	<=30	Pass
		6	0	22.21	-3.65	18.56	<=30	Pass
	1779.3	1	0	23.20	-3.65	19.55	<=30	Pass
			2	23.19	-3.65	19.54	<=30	Pass
			5	23.21	-3.65	19.56	<=30	Pass
		3	0	23.12	-3.65	19.47	<=30	Pass
			2	23.13	-3.65	19.48	<=30	Pass
			3	23.13	-3.65	19.48	<=30	Pass
		6	0	22.21	-3.65	18.56	<=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	23.95	-3.65	20.30	<=30	Pass
			7	23.95	-3.65	20.30	<=30	Pass
			14	23.98	-3.65	20.33	<=30	Pass
		8	0	23.01	-3.65	19.36	<=30	Pass
			4	23.04	-3.65	19.39	<=30	Pass
			7	23.00	-3.65	19.35	<=30	Pass
		15	0	23.01	-3.65	19.36	<=30	Pass
	1745	1	0	24.15	-3.65	20.50	<=30	Pass
			7	24.16	-3.65	20.51	<=30	Pass
			14	24.10	-3.65	20.45	<=30	Pass
		8	0	22.97	-3.65	19.32	<=30	Pass
			4	23.02	-3.65	19.37	<=30	Pass
			7	22.99	-3.65	19.34	<=30	Pass
		15	0	22.99	-3.65	19.34	<=30	Pass
	1778.5	1	0	24.22	-3.65	20.57	<=30	Pass
			7	24.25	-3.65	20.60	<=30	Pass
			14	24.27	-3.65	20.62	<=30	Pass
		8	0	23.18	-3.65	19.53	<=30	Pass
			4	23.18	-3.65	19.53	<=30	Pass
			7	23.13	-3.65	19.48	<=30	Pass
		15	0	23.23	-3.65	19.58	<=30	Pass
16QAM	1711.5	1	0	23.20	-3.65	19.55	<=30	Pass
			7	23.18	-3.65	19.53	<=30	Pass
			14	23.14	-3.65	19.49	<=30	Pass
		8	0	22.23	-3.65	18.58	<=30	Pass
			4	22.28	-3.65	18.63	<=30	Pass
			7	22.20	-3.65	18.55	<=30	Pass
		15	0	22.14	-3.65	18.49	<=30	Pass
	1745	1	0	22.70	-3.65	19.05	<=30	Pass
			7	22.75	-3.65	19.10	<=30	Pass
			14	22.69	-3.65	19.04	<=30	Pass
		8	0	22.40	-3.65	18.75	<=30	Pass
			4	22.40	-3.65	18.75	<=30	Pass
			7	22.40	-3.65	18.75	<=30	Pass
		15	0	22.12	-3.65	18.47	<=30	Pass
	1778.5	1	0	23.39	-3.65	19.74	<=30	Pass
			7	23.40	-3.65	19.75	<=30	Pass
			14	23.41	-3.65	19.76	<=30	Pass
		8	0	22.31	-3.65	18.66	<=30	Pass
			4	22.30	-3.65	18.65	<=30	Pass
			7	22.25	-3.65	18.60	<=30	Pass
		15	0	22.24	-3.65	18.59	<=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	24.02	-3.65	20.37	<=30	Pass
			13	23.98	-3.65	20.33	<=30	Pass
			24	24.00	-3.65	20.35	<=30	Pass
		12	0	23.05	-3.65	19.40	<=30	Pass
			6	22.97	-3.65	19.32	<=30	Pass
			13	23.05	-3.65	19.40	<=30	Pass
		25	0	23.04	-3.65	19.39	<=30	Pass
	1745	1	0	24.05	-3.65	20.40	<=30	Pass
			13	23.90	-3.65	20.25	<=30	Pass
			24	23.86	-3.65	20.21	<=30	Pass
		12	0	22.89	-3.65	19.24	<=30	Pass
			6	23.02	-3.65	19.37	<=30	Pass
			13	23.02	-3.65	19.37	<=30	Pass
		25	0	23.05	-3.65	19.40	<=30	Pass
	1777.5	1	0	24.25	-3.65	20.60	<=30	Pass
			13	24.29	-3.65	20.64	<=30	Pass
			24	24.37	-3.65	20.72	<=30	Pass
		12	0	23.17	-3.65	19.52	<=30	Pass
			6	23.19	-3.65	19.54	<=30	Pass
			13	23.22	-3.65	19.57	<=30	Pass
		25	0	23.13	-3.65	19.48	<=30	Pass
16QAM	1712.5	1	0	22.20	-3.65	18.55	<=30	Pass
			13	22.10	-3.65	18.45	<=30	Pass
			24	22.17	-3.65	18.52	<=30	Pass
		12	0	21.98	-3.65	18.33	<=30	Pass
			6	21.93	-3.65	18.28	<=30	Pass
			13	21.97	-3.65	18.32	<=30	Pass
		25	0	22.05	-3.65	18.40	<=30	Pass
	1745	1	0	22.99	-3.65	19.34	<=30	Pass
			13	23.05	-3.65	19.40	<=30	Pass
			24	23.05	-3.65	19.40	<=30	Pass
		12	0	21.95	-3.65	18.30	<=30	Pass
			6	22.00	-3.65	18.35	<=30	Pass
			13	21.94	-3.65	18.29	<=30	Pass
		25	0	22.11	-3.65	18.46	<=30	Pass
	1777.5	1	0	23.09	-3.65	19.44	<=30	Pass
			13	23.13	-3.65	19.48	<=30	Pass
			24	23.17	-3.65	19.52	<=30	Pass
		12	0	22.04	-3.65	18.39	<=30	Pass
			6	22.06	-3.65	18.41	<=30	Pass
			13	22.03	-3.65	18.38	<=30	Pass
		25	0	22.06	-3.65	18.41	<=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	24.04	-3.65	20.39	<=30	Pass
			25	24.02	-3.65	20.37	<=30	Pass
			49	24.11	-3.65	20.46	<=30	Pass
		25	0	23.01	-3.65	19.36	<=30	Pass
			13	23.11	-3.65	19.46	<=30	Pass
			25	23.09	-3.65	19.44	<=30	Pass
		50	0	23.01	-3.65	19.36	<=30	Pass
	1745	1	0	24.07	-3.65	20.42	<=30	Pass
			25	24.09	-3.65	20.44	<=30	Pass
			49	24.10	-3.65	20.45	<=30	Pass
		25	0	22.98	-3.65	19.33	<=30	Pass
			13	23.04	-3.65	19.39	<=30	Pass
			25	23.07	-3.65	19.42	<=30	Pass
		50	0	22.99	-3.65	19.34	<=30	Pass
	1775	1	0	24.05	-3.65	20.40	<=30	Pass
			25	24.01	-3.65	20.36	<=30	Pass
			49	24.14	-3.65	20.49	<=30	Pass
		25	0	22.98	-3.65	19.33	<=30	Pass
			13	23.12	-3.65	19.47	<=30	Pass
			25	23.13	-3.65	19.48	<=30	Pass
		50	0	23.13	-3.65	19.48	<=30	Pass
16QAM	1715	1	0	23.49	-3.65	19.84	<=30	Pass
			25	23.49	-3.65	19.84	<=30	Pass
			49	23.52	-3.65	19.87	<=30	Pass
		25	0	21.97	-3.65	18.32	<=30	Pass
			13	22.08	-3.65	18.43	<=30	Pass
			25	22.12	-3.65	18.47	<=30	Pass
		50	0	22.08	-3.65	18.43	<=30	Pass
	1745	1	0	22.85	-3.65	19.20	<=30	Pass
			25	22.91	-3.65	19.26	<=30	Pass
			49	22.81	-3.65	19.16	<=30	Pass
		25	0	22.27	-3.65	18.62	<=30	Pass
			13	22.34	-3.65	18.69	<=30	Pass
			25	22.19	-3.65	18.54	<=30	Pass
		50	0	22.16	-3.65	18.51	<=30	Pass
	1775	1	0	23.74	-3.65	20.09	<=30	Pass
			25	23.76	-3.65	20.11	<=30	Pass
			49	23.79	-3.65	20.14	<=30	Pass
		25	0	22.14	-3.65	18.49	<=30	Pass
			13	22.15	-3.65	18.50	<=30	Pass
			25	22.24	-3.65	18.59	<=30	Pass
		50	0	22.19	-3.65	18.54	<=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	23.93	-3.65	20.28	<=30	Pass
			38	23.93	-3.65	20.28	<=30	Pass
			74	23.99	-3.65	20.34	<=30	Pass
		36	0	23.10	-3.65	19.45	<=30	Pass
			18	23.08	-3.65	19.43	<=30	Pass
			39	23.07	-3.65	19.42	<=30	Pass
		75	0	22.95	-3.65	19.30	<=30	Pass
	1745	1	0	23.92	-3.65	20.27	<=30	Pass
			38	23.92	-3.65	20.27	<=30	Pass
			74	23.94	-3.65	20.29	<=30	Pass
		36	0	22.98	-3.65	19.33	<=30	Pass
			18	23.06	-3.65	19.41	<=30	Pass
			39	22.96	-3.65	19.31	<=30	Pass
		75	0	23.01	-3.65	19.36	<=30	Pass
	1772.5	1	0	24.01	-3.65	20.36	<=30	Pass
			38	24.04	-3.65	20.39	<=30	Pass
			74	24.14	-3.65	20.49	<=30	Pass
		36	0	23.05	-3.65	19.40	<=30	Pass
			18	23.09	-3.65	19.44	<=30	Pass
			39	23.12	-3.65	19.47	<=30	Pass
		75	0	22.96	-3.65	19.31	<=30	Pass
16QAM	1717.5	1	0	23.22	-3.65	19.57	<=30	Pass
			38	23.24	-3.65	19.59	<=30	Pass
			74	23.23	-3.65	19.58	<=30	Pass
		36	0	22.14	-3.65	18.49	<=30	Pass
			18	22.14	-3.65	18.49	<=30	Pass
			39	22.12	-3.65	18.47	<=30	Pass
		75	0	22.13	-3.65	18.48	<=30	Pass
	1745	1	0	23.13	-3.65	19.48	<=30	Pass
			38	23.25	-3.65	19.60	<=30	Pass
			74	23.15	-3.65	19.50	<=30	Pass
		36	0	21.98	-3.65	18.33	<=30	Pass
			18	22.18	-3.65	18.53	<=30	Pass
			39	21.99	-3.65	18.34	<=30	Pass
		75	0	22.04	-3.65	18.39	<=30	Pass
	1772.5	1	0	23.81	-3.65	20.16	<=30	Pass
			38	23.70	-3.65	20.05	<=30	Pass
			74	23.82	-3.65	20.17	<=30	Pass
		36	0	22.02	-3.65	18.37	<=30	Pass
			18	22.10	-3.65	18.45	<=30	Pass
			39	22.14	-3.65	18.49	<=30	Pass
		75	0	22.07	-3.65	18.42	<=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	24.12	-3.65	20.47	<=30	Pass
			50	24.12	-3.65	20.47	<=30	Pass
			99	24.15	-3.65	20.50	<=30	Pass
		50	0	22.94	-3.65	19.29	<=30	Pass
			25	23.03	-3.65	19.38	<=30	Pass
			50	23.03	-3.65	19.38	<=30	Pass
		100	0	22.96	-3.65	19.31	<=30	Pass
	1745	1	0	24.06	-3.65	20.41	<=30	Pass
			50	24.01	-3.65	20.36	<=30	Pass
			99	24.06	-3.65	20.41	<=30	Pass
		50	0	22.95	-3.65	19.30	<=30	Pass
			25	23.05	-3.65	19.40	<=30	Pass
			50	22.99	-3.65	19.34	<=30	Pass
		100	0	23.08	-3.65	19.43	<=30	Pass
	1770	1	0	24.20	-3.65	20.55	<=30	Pass
			50	24.20	-3.65	20.55	<=30	Pass
			99	24.29	-3.65	20.64	<=30	Pass
		50	0	23.03	-3.65	19.38	<=30	Pass
			25	22.99	-3.65	19.34	<=30	Pass
			50	23.12	-3.65	19.47	<=30	Pass
		100	0	23.01	-3.65	19.36	<=30	Pass
16QAM	1720	1	0	22.96	-3.65	19.31	<=30	Pass
			50	22.92	-3.65	19.27	<=30	Pass
			99	22.88	-3.65	19.23	<=30	Pass
		50	0	22.08	-3.65	18.43	<=30	Pass
			25	22.15	-3.65	18.50	<=30	Pass
			50	22.08	-3.65	18.43	<=30	Pass
		100	0	22.03	-3.65	18.38	<=30	Pass
	1745	1	0	23.75	-3.65	20.10	<=30	Pass
			50	23.81	-3.65	20.16	<=30	Pass
			99	23.75	-3.65	20.10	<=30	Pass
		50	0	21.98	-3.65	18.33	<=30	Pass
			25	22.08	-3.65	18.43	<=30	Pass
			50	21.90	-3.65	18.25	<=30	Pass
		100	0	22.13	-3.65	18.48	<=30	Pass
	1770	1	0	23.04	-3.65	19.39	<=30	Pass
			50	23.11	-3.65	19.46	<=30	Pass
			99	23.18	-3.65	19.53	<=30	Pass
		50	0	22.01	-3.65	18.36	<=30	Pass
			25	22.03	-3.65	18.38	<=30	Pass
			50	22.07	-3.65	18.42	<=30	Pass
		100	0	22.02	-3.65	18.37	<=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	3.29	-28.410	-0.0166	-2.5 to 2.5	Pass
					3.87	-24.261	-0.0142	-2.5 to 2.5	Pass
					4.45	-40.956	-0.0239	-2.5 to 2.5	Pass
				-30	3.87	-22.845	-0.0134	-2.5 to 2.5	Pass
				-20	3.87	-5.379	-0.0031	-2.5 to 2.5	Pass
				-10	3.87	-22.917	-0.0134	-2.5 to 2.5	Pass
				0	3.87	-11.930	-0.0070	-2.5 to 2.5	Pass
				10	3.87	-26.350	-0.0154	-2.5 to 2.5	Pass
				30	3.87	-25.134	-0.0147	-2.5 to 2.5	Pass
				40	3.87	6.266	0.0037	-2.5 to 2.5	Pass
				50	3.87	-16.508	-0.0096	-2.5 to 2.5	Pass
	1745	6	0	20	3.29	15.178	0.0087	-2.5 to 2.5	Pass
					3.87	11.373	0.0065	-2.5 to 2.5	Pass
					4.45	25.921	0.0149	-2.5 to 2.5	Pass
				-30	3.87	37.093	0.0213	-2.5 to 2.5	Pass
				-20	3.87	-7.625	-0.0044	-2.5 to 2.5	Pass
				-10	3.87	-1.116	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-4.177	-0.0024	-2.5 to 2.5	Pass
				10	3.87	-7.224	-0.0041	-2.5 to 2.5	Pass
				30	3.87	-3.734	-0.0021	-2.5 to 2.5	Pass
				40	3.87	2.446	0.0014	-2.5 to 2.5	Pass
				50	3.87	0.687	0.0004	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.29	-9.284	-0.0052	-2.5 to 2.5	Pass
					3.87	-31.643	-0.0178	-2.5 to 2.5	Pass
					4.45	-11.973	-0.0067	-2.5 to 2.5	Pass
				-30	3.87	-24.376	-0.0137	-2.5 to 2.5	Pass
				-20	3.87	-27.652	-0.0155	-2.5 to 2.5	Pass
				-10	3.87	-4.163	-0.0023	-2.5 to 2.5	Pass
				0	3.87	-9.112	-0.0051	-2.5 to 2.5	Pass
				10	3.87	-2.961	-0.0017	-2.5 to 2.5	Pass
				30	3.87	-27.981	-0.0157	-2.5 to 2.5	Pass
				40	3.87	-19.999	-0.0112	-2.5 to 2.5	Pass
				50	3.87	3.805	0.0021	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.29	-22.287	-0.0130	-2.5 to 2.5	Pass
					3.87	-21.486	-0.0126	-2.5 to 2.5	Pass
					4.45	-31.800	-0.0186	-2.5 to 2.5	Pass
				-30	3.87	-37.580	-0.0220	-2.5 to 2.5	Pass
				-20	3.87	1.316	0.0008	-2.5 to 2.5	Pass
				-10	3.87	0.873	0.0005	-2.5 to 2.5	Pass
				0	3.87	-30.913	-0.0181	-2.5 to 2.5	Pass
				10	3.87	-14.749	-0.0086	-2.5 to 2.5	Pass
				30	3.87	-4.878	-0.0029	-2.5 to 2.5	Pass
				40	3.87	-15.707	-0.0092	-2.5 to 2.5	Pass
				50	3.87	-37.436	-0.0219	-2.5 to 2.5	Pass
	1745	6	0	20	3.29	-25.120	-0.0144	-2.5 to 2.5	Pass
					3.87	-8.111	-0.0046	-2.5 to 2.5	Pass
					4.45	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	8.483	0.0049	-2.5 to 2.5	Pass
				-20	3.87	28.281	0.0162	-2.5 to 2.5	Pass
				-10	3.87	-7.181	-0.0041	-2.5 to 2.5	Pass

				0	3.87	19.813	0.0114	-2.5 to 2.5	Pass
				10	3.87	-2.689	-0.0015	-2.5 to 2.5	Pass
				30	3.87	9.613	0.0055	-2.5 to 2.5	Pass
				40	3.87	14.391	0.0082	-2.5 to 2.5	Pass
				50	3.87	25.163	0.0144	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.29	-13.876	-0.0078	-2.5 to 2.5	Pass
					3.87	-33.760	-0.0190	-2.5 to 2.5	Pass
					4.45	-19.999	-0.0112	-2.5 to 2.5	Pass
				-30	3.87	-36.492	-0.0205	-2.5 to 2.5	Pass
				-20	3.87	-33.474	-0.0188	-2.5 to 2.5	Pass
				-10	3.87	-11.358	-0.0064	-2.5 to 2.5	Pass
				0	3.87	-16.108	-0.0091	-2.5 to 2.5	Pass
				10	3.87	-24.920	-0.0140	-2.5 to 2.5	Pass
				30	3.87	-3.390	-0.0019	-2.5 to 2.5	Pass
				40	3.87	-38.509	-0.0216	-2.5 to 2.5	Pass
				50	3.87	-26.150	-0.0147	-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	3.29	20.785	0.0121	-2.5 to 2.5	Pass
					3.87	19.770	0.0116	-2.5 to 2.5	Pass
					4.45	6.680	0.0039	-2.5 to 2.5	Pass
				-30	3.87	-30.785	-0.0180	-2.5 to 2.5	Pass
				-20	3.87	-39.396	-0.0230	-2.5 to 2.5	Pass
				-10	3.87	-23.189	-0.0135	-2.5 to 2.5	Pass
				0	3.87	-17.724	-0.0104	-2.5 to 2.5	Pass
				10	3.87	-15.264	-0.0089	-2.5 to 2.5	Pass
				30	3.87	-24.147	-0.0141	-2.5 to 2.5	Pass
				40	3.87	-21.143	-0.0124	-2.5 to 2.5	Pass
				50	3.87	-26.979	-0.0158	-2.5 to 2.5	Pass
	1745	15	0	20	3.29	12.231	0.0070	-2.5 to 2.5	Pass
					3.87	49.210	0.0282	-2.5 to 2.5	Pass
					4.45	-2.975	-0.0017	-2.5 to 2.5	Pass
				-30	3.87	18.282	0.0105	-2.5 to 2.5	Pass
				-20	3.87	-4.578	-0.0026	-2.5 to 2.5	Pass
				-10	3.87	8.698	0.0050	-2.5 to 2.5	Pass
				0	3.87	12.560	0.0072	-2.5 to 2.5	Pass
				10	3.87	27.852	0.0160	-2.5 to 2.5	Pass
				30	3.87	31.486	0.0180	-2.5 to 2.5	Pass
				40	3.87	12.274	0.0070	-2.5 to 2.5	Pass
				50	3.87	17.295	0.0099	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.29	30.956	0.0174	-2.5 to 2.5	Pass
					3.87	-31.614	-0.0178	-2.5 to 2.5	Pass
					4.45	-10.242	-0.0058	-2.5 to 2.5	Pass
				-30	3.87	-26.250	-0.0148	-2.5 to 2.5	Pass
				-20	3.87	-10.943	-0.0062	-2.5 to 2.5	Pass
				-10	3.87	-29.998	-0.0169	-2.5 to 2.5	Pass
				0	3.87	-8.841	-0.0050	-2.5 to 2.5	Pass
				10	3.87	-24.290	-0.0137	-2.5 to 2.5	Pass
				30	3.87	-39.225	-0.0221	-2.5 to 2.5	Pass
				40	3.87	-6.909	-0.0039	-2.5 to 2.5	Pass
				50	3.87	-25.463	-0.0143	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.29	-29.325	-0.0171	-2.5 to 2.5	Pass
					3.87	-19.197	-0.0112	-2.5 to 2.5	Pass
					4.45	-4.106	-0.0024	-2.5 to 2.5	Pass

				-30	3.87	-19.183	-0.0112	-2.5 to 2.5	Pass
				-20	3.87	-11.301	-0.0066	-2.5 to 2.5	Pass
				-10	3.87	-33.789	-0.0197	-2.5 to 2.5	Pass
				0	3.87	-36.850	-0.0215	-2.5 to 2.5	Pass
				10	3.87	-35.377	-0.0207	-2.5 to 2.5	Pass
				30	3.87	-30.942	-0.0181	-2.5 to 2.5	Pass
				40	3.87	-27.308	-0.0160	-2.5 to 2.5	Pass
				50	3.87	-27.094	-0.0158	-2.5 to 2.5	Pass
	1745	15	0	20	3.29	31.843	0.0182	-2.5 to 2.5	Pass
					3.87	28.024	0.0161	-2.5 to 2.5	Pass
					4.45	28.195	0.0162	-2.5 to 2.5	Pass
				-30	3.87	-5.221	-0.0030	-2.5 to 2.5	Pass
				-20	3.87	11.158	0.0064	-2.5 to 2.5	Pass
				-10	3.87	33.131	0.0190	-2.5 to 2.5	Pass
				0	3.87	10.715	0.0061	-2.5 to 2.5	Pass
				10	3.87	26.064	0.0149	-2.5 to 2.5	Pass
				30	3.87	8.054	0.0046	-2.5 to 2.5	Pass
				40	3.87	21.629	0.0124	-2.5 to 2.5	Pass
				50	3.87	30.785	0.0176	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.29	-34.947	-0.0196	-2.5 to 2.5	Pass
					3.87	-35.019	-0.0197	-2.5 to 2.5	Pass
					4.45	-4.292	-0.0024	-2.5 to 2.5	Pass
				-30	3.87	2.575	0.0014	-2.5 to 2.5	Pass
				-20	3.87	13.719	0.0077	-2.5 to 2.5	Pass
				-10	3.87	27.595	0.0155	-2.5 to 2.5	Pass
				0	3.87	21.200	0.0119	-2.5 to 2.5	Pass
				10	3.87	11.101	0.0062	-2.5 to 2.5	Pass
				30	3.87	19.898	0.0112	-2.5 to 2.5	Pass
				40	3.87	28.639	0.0161	-2.5 to 2.5	Pass
				50	3.87	37.808	0.0213	-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	3.29	33.360	0.0195	-2.5 to 2.5	Pass
					3.87	32.001	0.0187	-2.5 to 2.5	Pass
					4.45	18.883	0.0110	-2.5 to 2.5	Pass
				-30	3.87	-10.571	-0.0062	-2.5 to 2.5	Pass
				-20	3.87	-14.420	-0.0084	-2.5 to 2.5	Pass
				-10	3.87	-13.475	-0.0079	-2.5 to 2.5	Pass
				0	3.87	-25.706	-0.0150	-2.5 to 2.5	Pass
				10	3.87	-33.545	-0.0196	-2.5 to 2.5	Pass
				30	3.87	-7.467	-0.0044	-2.5 to 2.5	Pass
				40	3.87	-25.892	-0.0151	-2.5 to 2.5	Pass
				50	3.87	-38.109	-0.0223	-2.5 to 2.5	Pass
	1745	25	0	20	3.29	23.274	0.0133	-2.5 to 2.5	Pass
					3.87	10.386	0.0060	-2.5 to 2.5	Pass
					4.45	41.628	0.0239	-2.5 to 2.5	Pass
				-30	3.87	29.569	0.0169	-2.5 to 2.5	Pass
				-20	3.87	10.486	0.0060	-2.5 to 2.5	Pass
				-10	3.87	10.285	0.0059	-2.5 to 2.5	Pass
				0	3.87	-1.702	-0.0010	-2.5 to 2.5	Pass
				10	3.87	-11.215	-0.0064	-2.5 to 2.5	Pass
				30	3.87	-9.298	-0.0053	-2.5 to 2.5	Pass
				40	3.87	0.343	0.0002	-2.5 to 2.5	Pass
				50	3.87	14.791	0.0085	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.29	31.242	0.0176	-2.5 to 2.5	Pass
					3.87	24.176	0.0136	-2.5 to 2.5	Pass
					4.45	22.788	0.0128	-2.5 to 2.5	Pass
				-30	3.87	11.973	0.0067	-2.5 to 2.5	Pass
				-20	3.87	-3.161	-0.0018	-2.5 to 2.5	Pass
				-10	3.87	-24.219	-0.0136	-2.5 to 2.5	Pass
				0	3.87	-15.965	-0.0090	-2.5 to 2.5	Pass
				10	3.87	-35.892	-0.0202	-2.5 to 2.5	Pass
				30	3.87	-8.998	-0.0051	-2.5 to 2.5	Pass
				40	3.87	-27.752	-0.0156	-2.5 to 2.5	Pass
				50	3.87	-12.460	-0.0070	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.29	-33.803	-0.0197	-2.5 to 2.5	Pass
					3.87	-50.068	-0.0292	-2.5 to 2.5	Pass
					4.45	-12.102	-0.0071	-2.5 to 2.5	Pass
				-30	3.87	-12.732	-0.0074	-2.5 to 2.5	Pass
				-20	3.87	-14.834	-0.0087	-2.5 to 2.5	Pass
				-10	3.87	-17.395	-0.0102	-2.5 to 2.5	Pass
				0	3.87	-17.052	-0.0100	-2.5 to 2.5	Pass
				10	3.87	-0.830	-0.0005	-2.5 to 2.5	Pass
				30	3.87	14.634	0.0085	-2.5 to 2.5	Pass
				40	3.87	16.308	0.0095	-2.5 to 2.5	Pass
				50	3.87	15.121	0.0088	-2.5 to 2.5	Pass
	1745	25	0	20	3.29	28.024	0.0161	-2.5 to 2.5	Pass
					3.87	-4.735	-0.0027	-2.5 to 2.5	Pass
					4.45	7.596	0.0044	-2.5 to 2.5	Pass
				-30	3.87	17.667	0.0101	-2.5 to 2.5	Pass
				-20	3.87	-14.205	-0.0081	-2.5 to 2.5	Pass
				-10	3.87	9.027	0.0052	-2.5 to 2.5	Pass
				0	3.87	30.499	0.0175	-2.5 to 2.5	Pass
				10	3.87	14.076	0.0081	-2.5 to 2.5	Pass
				30	3.87	38.838	0.0223	-2.5 to 2.5	Pass
				40	3.87	17.281	0.0099	-2.5 to 2.5	Pass
				50	3.87	30.513	0.0175	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.29	-28.081	-0.0158	-2.5 to 2.5	Pass
					3.87	0.758	0.0004	-2.5 to 2.5	Pass
					4.45	7.038	0.0040	-2.5 to 2.5	Pass
				-30	3.87	15.979	0.0090	-2.5 to 2.5	Pass
				-20	3.87	24.533	0.0138	-2.5 to 2.5	Pass
				-10	3.87	38.710	0.0218	-2.5 to 2.5	Pass
				0	3.87	13.947	0.0078	-2.5 to 2.5	Pass
				10	3.87	21.558	0.0121	-2.5 to 2.5	Pass
				30	3.87	31.042	0.0175	-2.5 to 2.5	Pass
				40	3.87	38.280	0.0215	-2.5 to 2.5	Pass
				50	3.87	8.039	0.0045	-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	3.29	37.794	0.0220	-2.5 to 2.5	Pass
					3.87	6.838	0.0040	-2.5 to 2.5	Pass
					4.45	-21.672	-0.0126	-2.5 to 2.5	Pass
				-30	3.87	-30.856	-0.0180	-2.5 to 2.5	Pass
				-20	3.87	-23.775	-0.0139	-2.5 to 2.5	Pass
				-10	3.87	-27.151	-0.0158	-2.5 to 2.5	Pass
				0	3.87	-25.048	-0.0146	-2.5 to 2.5	Pass
				10	3.87	-22.774	-0.0133	-2.5 to 2.5	Pass

				30	3.87	-12.774	-0.0074	-2.5 to 2.5	Pass
				40	3.87	-13.404	-0.0078	-2.5 to 2.5	Pass
				50	3.87	-6.294	-0.0037	-2.5 to 2.5	Pass
	1745	50	0	20	3.29	15.621	0.0090	-2.5 to 2.5	Pass
					3.87	20.485	0.0117	-2.5 to 2.5	Pass
					4.45	14.462	0.0083	-2.5 to 2.5	Pass
				-30	3.87	14.777	0.0085	-2.5 to 2.5	Pass
				-20	3.87	-2.747	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	14.062	0.0081	-2.5 to 2.5	Pass
				0	3.87	3.290	0.0019	-2.5 to 2.5	Pass
				10	3.87	24.948	0.0143	-2.5 to 2.5	Pass
				30	3.87	-7.496	-0.0043	-2.5 to 2.5	Pass
				40	3.87	5.836	0.0033	-2.5 to 2.5	Pass
				50	3.87	10.057	0.0058	-2.5 to 2.5	Pass
	1775	50	0	20	3.29	21.086	0.0119	-2.5 to 2.5	Pass
					3.87	4.120	0.0023	-2.5 to 2.5	Pass
					4.45	-11.287	-0.0064	-2.5 to 2.5	Pass
				-30	3.87	-17.295	-0.0097	-2.5 to 2.5	Pass
				-20	3.87	-40.083	-0.0226	-2.5 to 2.5	Pass
				-10	3.87	-39.711	-0.0224	-2.5 to 2.5	Pass
				0	3.87	-17.624	-0.0099	-2.5 to 2.5	Pass
				10	3.87	-28.338	-0.0160	-2.5 to 2.5	Pass
				30	3.87	-19.641	-0.0111	-2.5 to 2.5	Pass
				40	3.87	-24.147	-0.0136	-2.5 to 2.5	Pass
				50	3.87	-24.118	-0.0136	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.29	-25.778	-0.0150	-2.5 to 2.5	Pass
					3.87	-3.490	-0.0020	-2.5 to 2.5	Pass
					4.45	1.674	0.0010	-2.5 to 2.5	Pass
				-30	3.87	19.827	0.0116	-2.5 to 2.5	Pass
				-20	3.87	36.263	0.0211	-2.5 to 2.5	Pass
				-10	3.87	7.453	0.0043	-2.5 to 2.5	Pass
				0	3.87	19.298	0.0113	-2.5 to 2.5	Pass
				10	3.87	2.789	0.0016	-2.5 to 2.5	Pass
				30	3.87	15.678	0.0091	-2.5 to 2.5	Pass
				40	3.87	18.239	0.0106	-2.5 to 2.5	Pass
				50	3.87	19.999	0.0117	-2.5 to 2.5	Pass
	1745	50	0	20	3.29	30.227	0.0173	-2.5 to 2.5	Pass
					3.87	10.700	0.0061	-2.5 to 2.5	Pass
					4.45	17.095	0.0098	-2.5 to 2.5	Pass
				-30	3.87	8.111	0.0046	-2.5 to 2.5	Pass
				-20	3.87	26.979	0.0155	-2.5 to 2.5	Pass
				-10	3.87	3.862	0.0022	-2.5 to 2.5	Pass
				0	3.87	20.828	0.0119	-2.5 to 2.5	Pass
				10	3.87	7.725	0.0044	-2.5 to 2.5	Pass
				30	3.87	1.731	0.0010	-2.5 to 2.5	Pass
				40	3.87	18.997	0.0109	-2.5 to 2.5	Pass
				50	3.87	36.922	0.0212	-2.5 to 2.5	Pass
	1775	50	0	20	3.29	-29.454	-0.0166	-2.5 to 2.5	Pass
					3.87	-15.392	-0.0087	-2.5 to 2.5	Pass
					4.45	7.696	0.0043	-2.5 to 2.5	Pass
				-30	3.87	5.150	0.0029	-2.5 to 2.5	Pass
				-20	3.87	22.187	0.0125	-2.5 to 2.5	Pass
				-10	3.87	2.131	0.0012	-2.5 to 2.5	Pass
				0	3.87	16.050	0.0090	-2.5 to 2.5	Pass
				10	3.87	12.703	0.0072	-2.5 to 2.5	Pass
				30	3.87	17.567	0.0099	-2.5 to 2.5	Pass
				40	3.87	16.036	0.0090	-2.5 to 2.5	Pass
				50	3.87	26.093	0.0147	-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	3.29	9.627	0.0056	-2.5 to 2.5	Pass
					3.87	-4.792	-0.0028	-2.5 to 2.5	Pass
					4.45	-16.823	-0.0098	-2.5 to 2.5	Pass
				-30	3.87	-19.627	-0.0114	-2.5 to 2.5	Pass
				-20	3.87	-25.077	-0.0146	-2.5 to 2.5	Pass
				-10	3.87	-33.159	-0.0193	-2.5 to 2.5	Pass
				0	3.87	-27.251	-0.0159	-2.5 to 2.5	Pass
				10	3.87	-24.018	-0.0140	-2.5 to 2.5	Pass
				30	3.87	5.507	0.0032	-2.5 to 2.5	Pass
				40	3.87	-30.026	-0.0175	-2.5 to 2.5	Pass
				50	3.87	4.034	0.0023	-2.5 to 2.5	Pass
	1745	75	0	20	3.29	14.548	0.0083	-2.5 to 2.5	Pass
					3.87	18.339	0.0105	-2.5 to 2.5	Pass
					4.45	9.027	0.0052	-2.5 to 2.5	Pass
				-30	3.87	13.804	0.0079	-2.5 to 2.5	Pass
				-20	3.87	6.037	0.0035	-2.5 to 2.5	Pass
				-10	3.87	8.111	0.0046	-2.5 to 2.5	Pass
				0	3.87	13.003	0.0075	-2.5 to 2.5	Pass
				10	3.87	25.907	0.0148	-2.5 to 2.5	Pass
				30	3.87	12.746	0.0073	-2.5 to 2.5	Pass
				40	3.87	15.378	0.0088	-2.5 to 2.5	Pass
				50	3.87	15.836	0.0091	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.29	9.542	0.0054	-2.5 to 2.5	Pass
					3.87	14.377	0.0081	-2.5 to 2.5	Pass
					4.45	-22.402	-0.0126	-2.5 to 2.5	Pass
				-30	3.87	-29.683	-0.0167	-2.5 to 2.5	Pass
				-20	3.87	-34.246	-0.0193	-2.5 to 2.5	Pass
				-10	3.87	-14.291	-0.0081	-2.5 to 2.5	Pass
				0	3.87	-31.700	-0.0179	-2.5 to 2.5	Pass
				10	3.87	-7.610	-0.0043	-2.5 to 2.5	Pass
				30	3.87	-23.203	-0.0131	-2.5 to 2.5	Pass
				40	3.87	-28.453	-0.0161	-2.5 to 2.5	Pass
				50	3.87	-7.153	-0.0040	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.29	-12.889	-0.0075	-2.5 to 2.5	Pass
					3.87	-8.740	-0.0051	-2.5 to 2.5	Pass
					4.45	2.732	0.0016	-2.5 to 2.5	Pass
				-30	3.87	-9.327	-0.0054	-2.5 to 2.5	Pass
				-20	3.87	12.817	0.0075	-2.5 to 2.5	Pass
				-10	3.87	19.441	0.0113	-2.5 to 2.5	Pass
				0	3.87	27.952	0.0163	-2.5 to 2.5	Pass
				10	3.87	15.235	0.0089	-2.5 to 2.5	Pass
				30	3.87	0.472	0.0003	-2.5 to 2.5	Pass
				40	3.87	29.411	0.0171	-2.5 to 2.5	Pass
				50	3.87	34.690	0.0202	-2.5 to 2.5	Pass
	1745	75	0	20	3.29	3.376	0.0019	-2.5 to 2.5	Pass
					3.87	28.396	0.0163	-2.5 to 2.5	Pass
					4.45	34.504	0.0198	-2.5 to 2.5	Pass
				-30	3.87	34.976	0.0200	-2.5 to 2.5	Pass
				-20	3.87	27.766	0.0159	-2.5 to 2.5	Pass
				-10	3.87	29.354	0.0168	-2.5 to 2.5	Pass
				0	3.87	28.152	0.0161	-2.5 to 2.5	Pass
				10	3.87	-18.740	-0.0107	-2.5 to 2.5	Pass
				30	3.87	0.629	0.0004	-2.5 to 2.5	Pass
				40	3.87	22.202	0.0127	-2.5 to 2.5	Pass
				50	3.87	-3.691	-0.0021	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.29	-11.773	-0.0066	-2.5 to 2.5	Pass
					3.87	-13.590	-0.0077	-2.5 to 2.5	Pass
					4.45	-29.354	-0.0166	-2.5 to 2.5	Pass
				-30	3.87	-10.972	-0.0062	-2.5 to 2.5	Pass
				-20	3.87	6.852	0.0039	-2.5 to 2.5	Pass
				-10	3.87	12.832	0.0072	-2.5 to 2.5	Pass
				0	3.87	32.001	0.0181	-2.5 to 2.5	Pass
				10	3.87	6.952	0.0039	-2.5 to 2.5	Pass
				30	3.87	24.161	0.0136	-2.5 to 2.5	Pass
				40	3.87	8.669	0.0049	-2.5 to 2.5	Pass
				50	3.87	-0.329	-0.0002	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.29	19.341	0.0112	-2.5 to 2.5	Pass
					3.87	-21.687	-0.0126	-2.5 to 2.5	Pass
					4.45	-17.781	-0.0103	-2.5 to 2.5	Pass
				-30	3.87	-26.550	-0.0154	-2.5 to 2.5	Pass
				-20	3.87	-29.240	-0.0170	-2.5 to 2.5	Pass
				-10	3.87	-21.186	-0.0123	-2.5 to 2.5	Pass
				0	3.87	-13.704	-0.0080	-2.5 to 2.5	Pass
				10	3.87	-19.569	-0.0114	-2.5 to 2.5	Pass
				30	3.87	-13.876	-0.0081	-2.5 to 2.5	Pass
				40	3.87	-11.015	-0.0064	-2.5 to 2.5	Pass
				50	3.87	-19.140	-0.0111	-2.5 to 2.5	Pass
	1745	100	0	20	3.29	12.789	0.0073	-2.5 to 2.5	Pass
					3.87	1.073	0.0006	-2.5 to 2.5	Pass
					4.45	14.148	0.0081	-2.5 to 2.5	Pass
				-30	3.87	20.199	0.0116	-2.5 to 2.5	Pass
				-20	3.87	27.680	0.0159	-2.5 to 2.5	Pass
				-10	3.87	26.178	0.0150	-2.5 to 2.5	Pass
				0	3.87	-25.306	-0.0145	-2.5 to 2.5	Pass
				10	3.87	-20.070	-0.0115	-2.5 to 2.5	Pass
				30	3.87	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.87	10.028	0.0057	-2.5 to 2.5	Pass
				50	3.87	-0.901	-0.0005	-2.5 to 2.5	Pass
	1770	100	0	20	3.29	11.587	0.0065	-2.5 to 2.5	Pass
					3.87	-18.640	-0.0105	-2.5 to 2.5	Pass
					4.45	5.107	0.0029	-2.5 to 2.5	Pass
				-30	3.87	-10.257	-0.0058	-2.5 to 2.5	Pass
				-20	3.87	-17.166	-0.0097	-2.5 to 2.5	Pass
				-10	3.87	-17.624	-0.0100	-2.5 to 2.5	Pass
				0	3.87	-36.736	-0.0208	-2.5 to 2.5	Pass
				10	3.87	0.787	0.0004	-2.5 to 2.5	Pass
				30	3.87	-2.890	-0.0016	-2.5 to 2.5	Pass
				40	3.87	-12.488	-0.0071	-2.5 to 2.5	Pass
				50	3.87	-30.069	-0.0170	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.29	-4.435	-0.0026	-2.5 to 2.5	Pass
					3.87	27.280	0.0159	-2.5 to 2.5	Pass
					4.45	5.164	0.0030	-2.5 to 2.5	Pass
				-30	3.87	23.375	0.0136	-2.5 to 2.5	Pass
				-20	3.87	30.813	0.0179	-2.5 to 2.5	Pass
				-10	3.87	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.87	-5.951	-0.0035	-2.5 to 2.5	Pass
				10	3.87	5.765	0.0034	-2.5 to 2.5	Pass

				30	3.87	16.923	0.0098	-2.5 to 2.5	Pass
				40	3.87	27.866	0.0162	-2.5 to 2.5	Pass
				50	3.87	34.947	0.0203	-2.5 to 2.5	Pass
	1745	100	0	20	3.29	19.083	0.0109	-2.5 to 2.5	Pass
					3.87	21.658	0.0124	-2.5 to 2.5	Pass
					4.45	23.804	0.0136	-2.5 to 2.5	Pass
				-30	3.87	20.456	0.0117	-2.5 to 2.5	Pass
				-20	3.87	23.017	0.0132	-2.5 to 2.5	Pass
				-10	3.87	16.522	0.0095	-2.5 to 2.5	Pass
				0	3.87	12.317	0.0071	-2.5 to 2.5	Pass
				10	3.87	17.495	0.0100	-2.5 to 2.5	Pass
				30	3.87	40.340	0.0231	-2.5 to 2.5	Pass
				40	3.87	-11.058	-0.0063	-2.5 to 2.5	Pass
				50	3.87	-2.389	-0.0014	-2.5 to 2.5	Pass
	1770	100	0	20	3.29	-20.514	-0.0116	-2.5 to 2.5	Pass
					3.87	27.552	0.0156	-2.5 to 2.5	Pass
					4.45	20.585	0.0116	-2.5 to 2.5	Pass
				-30	3.87	-9.241	-0.0052	-2.5 to 2.5	Pass
				-20	3.87	16.937	0.0096	-2.5 to 2.5	Pass
				-10	3.87	21.372	0.0121	-2.5 to 2.5	Pass
				0	3.87	8.283	0.0047	-2.5 to 2.5	Pass
				10	3.87	13.247	0.0075	-2.5 to 2.5	Pass
				30	3.87	5.264	0.0030	-2.5 to 2.5	Pass
				40	3.87	-8.512	-0.0048	-2.5 to 2.5	Pass
				50	3.87	25.620	0.0145	-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

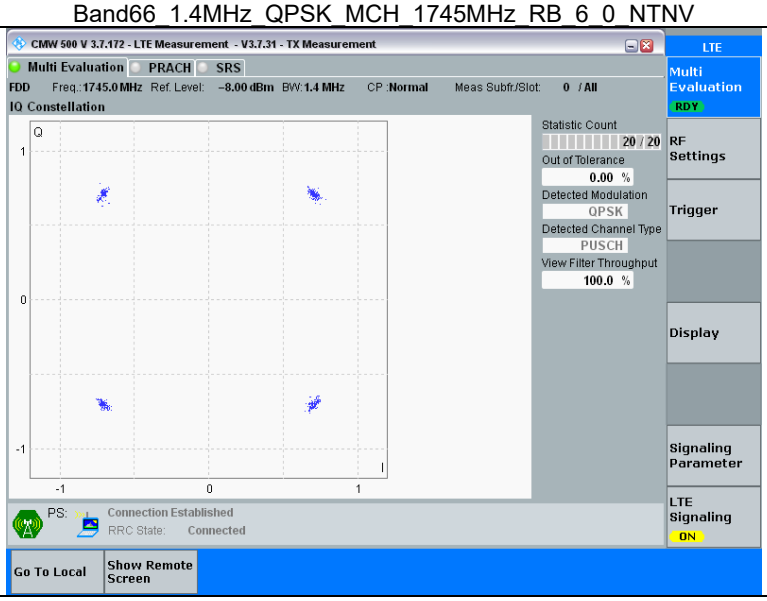
3.1.6 B66_20MHz

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

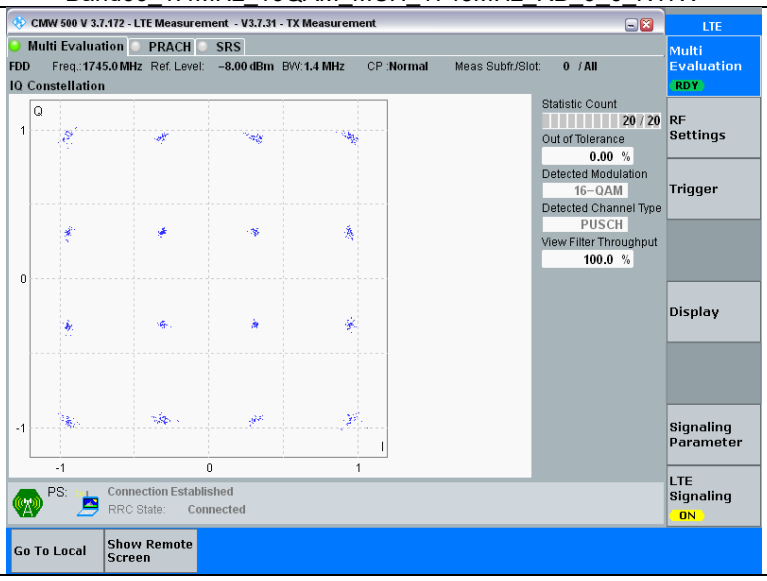
3.2 Test Graph

3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

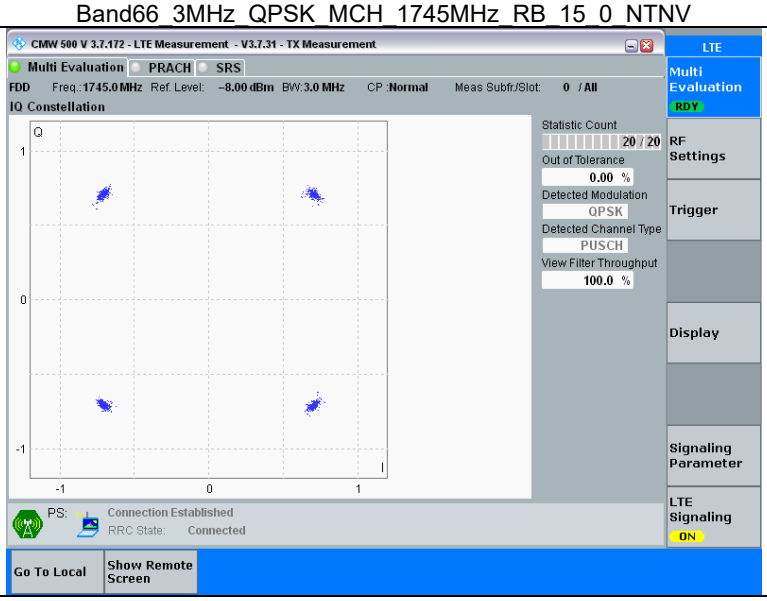


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

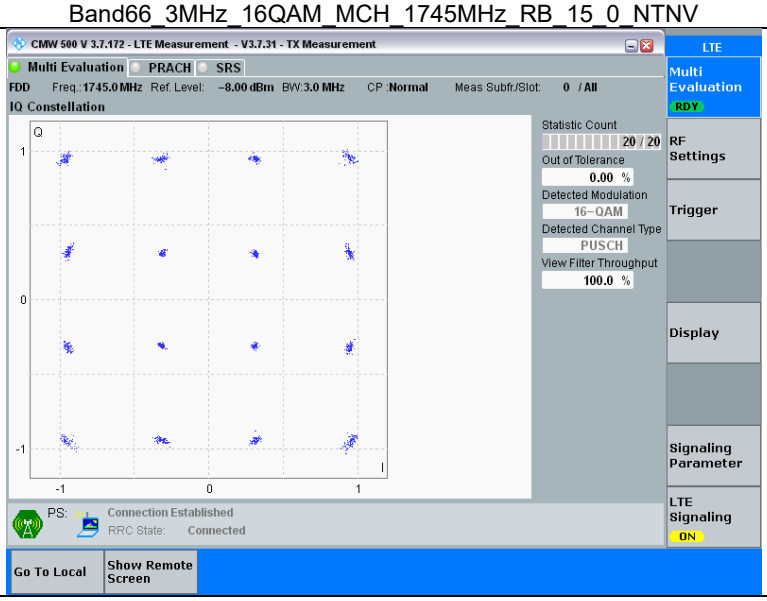


3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

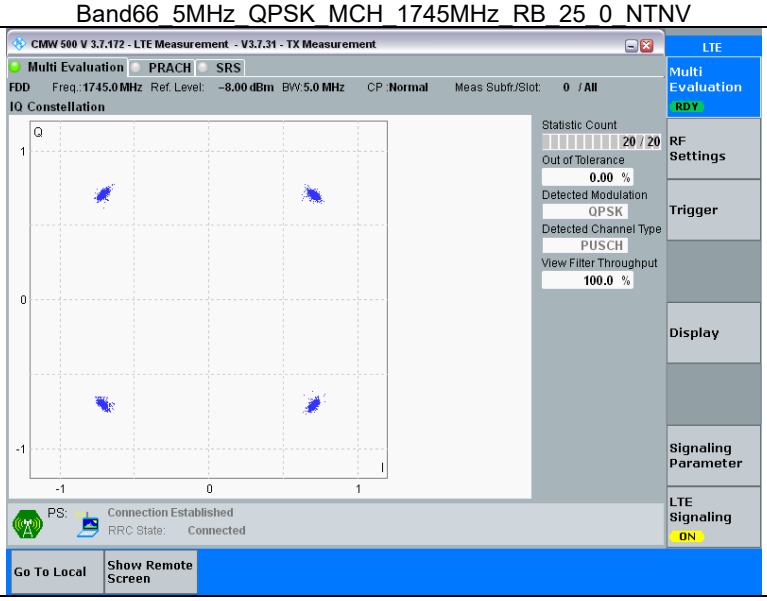


Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

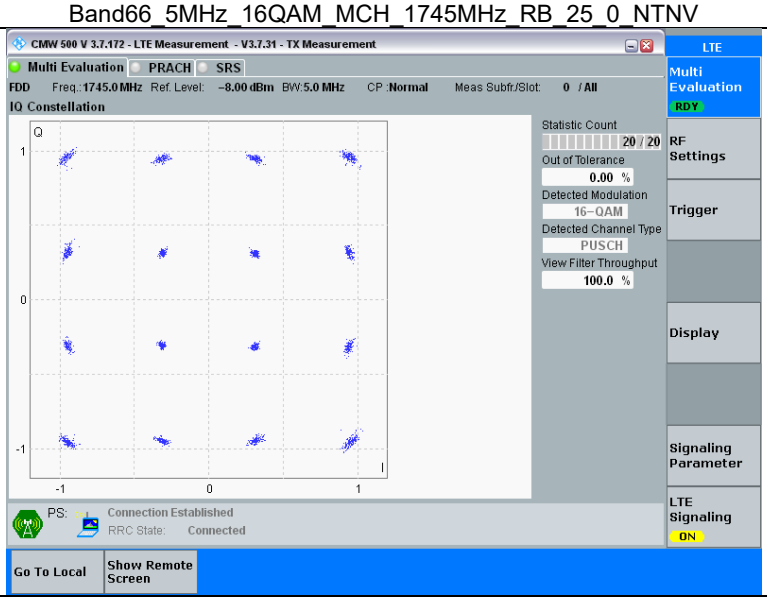


3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

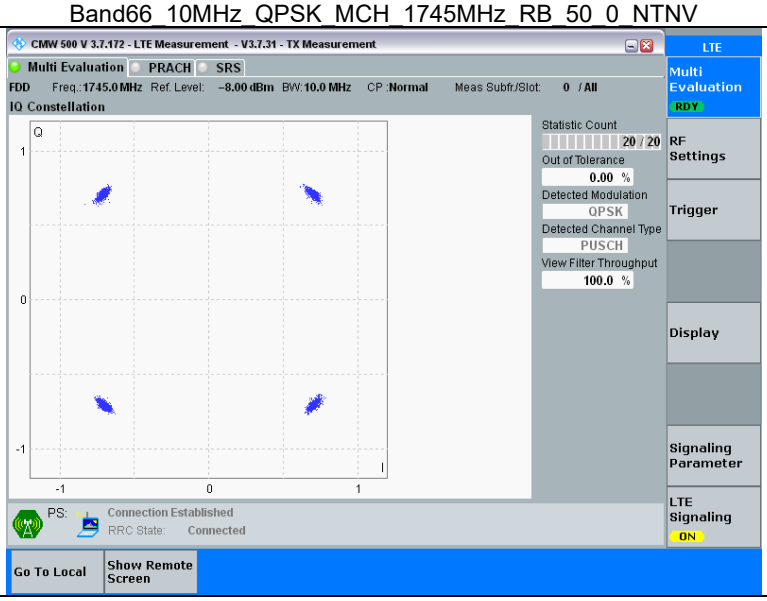


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

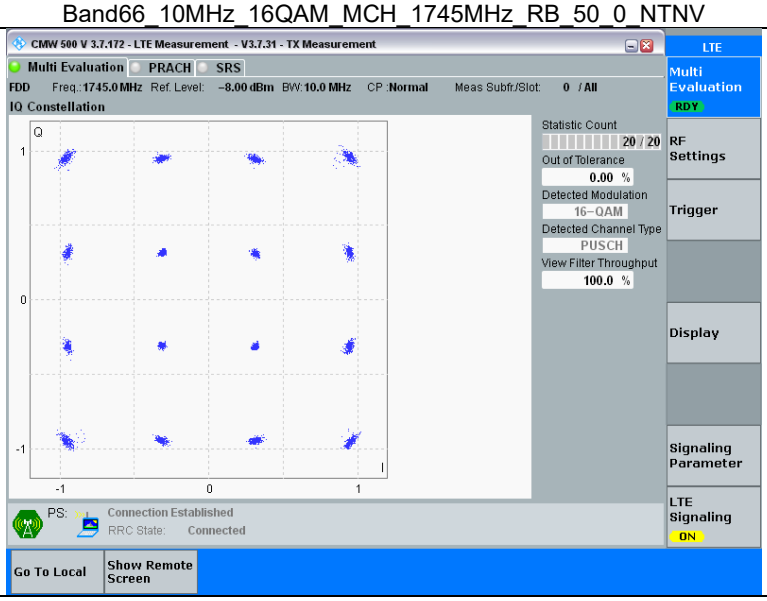


3.2.4 B66_10MHz

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

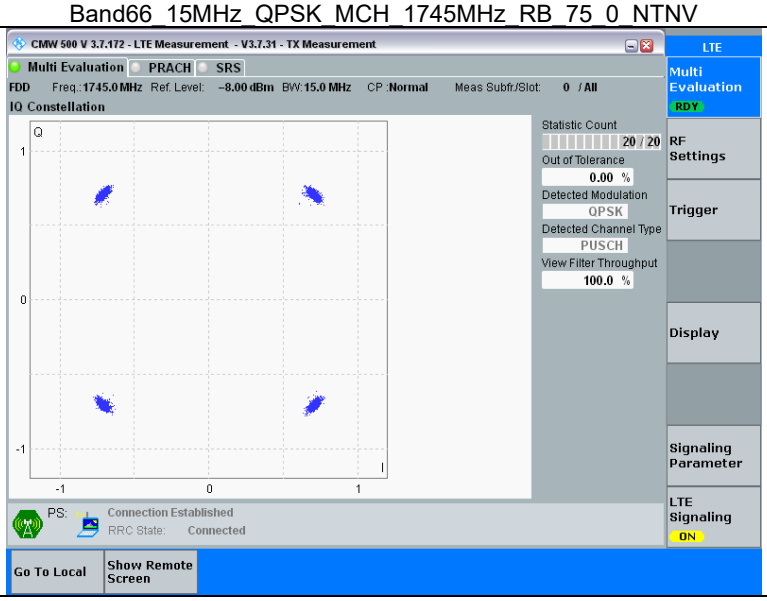


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

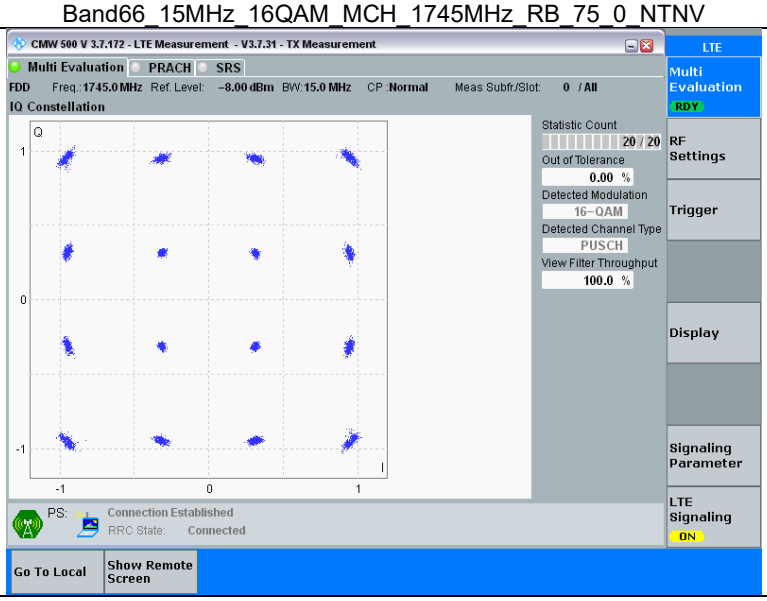


3.2.5 B66_15MHz

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

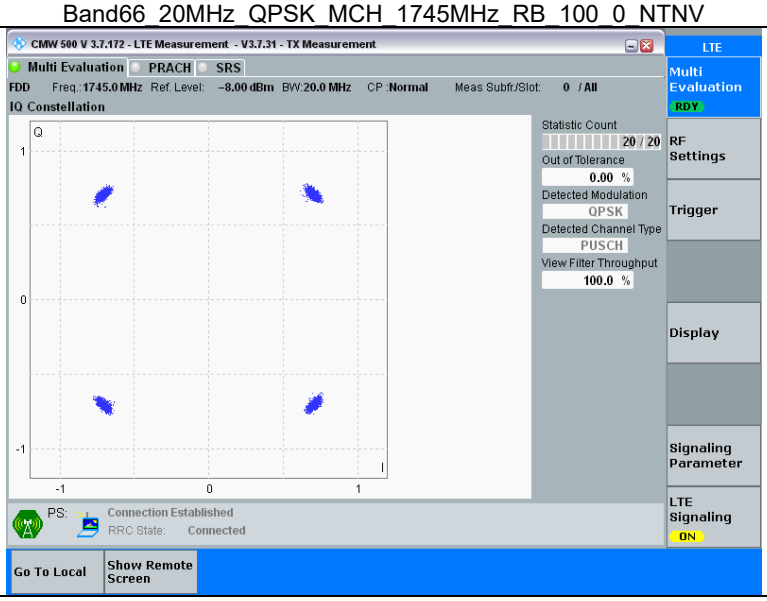


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

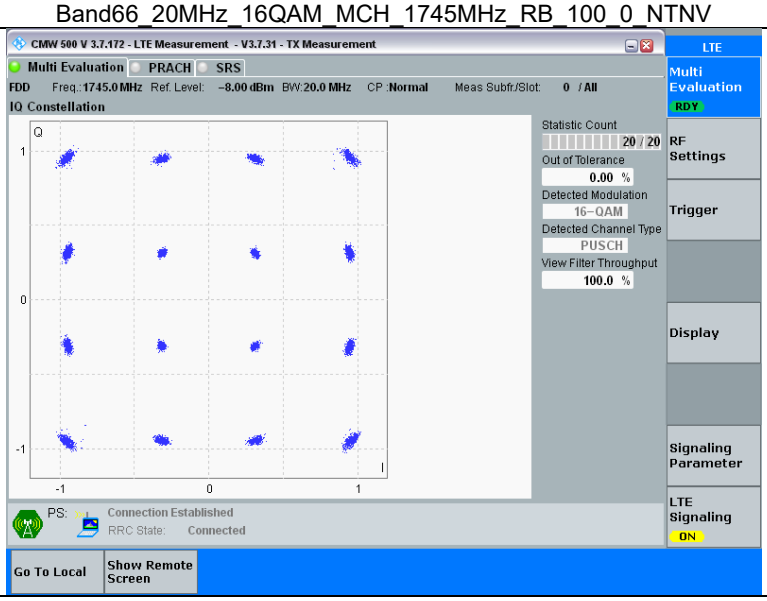


3.2.6 B66_20MHz

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	1.113	/	Pass
		1745	6	0	1.113	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.119	/	Pass
		1745	6	0	1.107	/	Pass
		1779.3	6	0	1.127	/	Pass
3	QPSK	1711.5	15	0	2.753	/	Pass
		1745	15	0	2.763	/	Pass
		1778.5	15	0	2.752	/	Pass
	16QAM	1711.5	15	0	2.751	/	Pass
		1745	15	0	2.764	/	Pass
		1778.5	15	0	2.769	/	Pass
5	QPSK	1712.5	25	0	4.574	/	Pass
		1745	25	0	4.538	/	Pass
		1777.5	25	0	4.568	/	Pass
	16QAM	1712.5	25	0	4.560	/	Pass
		1745	25	0	4.551	/	Pass
		1777.5	25	0	4.566	/	Pass
10	QPSK	1715	50	0	9.069	/	Pass
		1745	50	0	9.080	/	Pass
		1775	50	0	9.049	/	Pass
	16QAM	1715	50	0	9.065	/	Pass
		1745	50	0	9.073	/	Pass
		1775	50	0	9.053	/	Pass
15	QPSK	1717.5	75	0	13.637	/	Pass
		1745	75	0	13.620	/	Pass
		1772.5	75	0	13.580	/	Pass
	16QAM	1717.5	75	0	13.649	/	Pass
		1745	75	0	13.598	/	Pass
		1772.5	75	0	13.650	/	Pass
20	QPSK	1720	100	0	18.187	/	Pass
		1745	100	0	18.145	/	Pass
		1770	100	0	18.152	/	Pass
	16QAM	1720	100	0	18.212	/	Pass
		1745	100	0	18.151	/	Pass
		1770	100	0	18.118	/	Pass

4.1.2 Band66_XDB

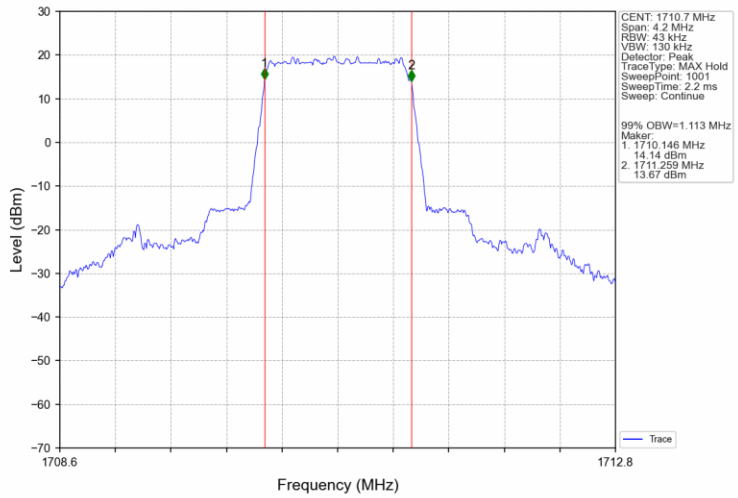
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.273	/	Pass
		1745	6	0	1.273	/	Pass
		1779.3	6	0	1.274	/	Pass

	16QAM	1710.7	6	0	1.275	/	Pass
		1745	6	0	1.267	/	Pass
		1779.3	6	0	1.299	/	Pass
3	QPSK	1711.5	15	0	3.101	/	Pass
		1745	15	0	3.088	/	Pass
		1778.5	15	0	3.118	/	Pass
	16QAM	1711.5	15	0	3.090	/	Pass
		1745	15	0	3.104	/	Pass
		1778.5	15	0	3.110	/	Pass
5	QPSK	1712.5	25	0	5.071	/	Pass
		1745	25	0	5.084	/	Pass
		1777.5	25	0	5.079	/	Pass
	16QAM	1712.5	25	0	5.058	/	Pass
		1745	25	0	5.058	/	Pass
		1777.5	25	0	5.055	/	Pass
10	QPSK	1715	50	0	10.020	/	Pass
		1745	50	0	10.060	/	Pass
		1775	50	0	10.107	/	Pass
	16QAM	1715	50	0	10.051	/	Pass
		1745	50	0	10.035	/	Pass
		1775	50	0	10.090	/	Pass
15	QPSK	1717.5	75	0	15.187	/	Pass
		1745	75	0	15.076	/	Pass
		1772.5	75	0	15.079	/	Pass
	16QAM	1717.5	75	0	15.180	/	Pass
		1745	75	0	15.147	/	Pass
		1772.5	75	0	15.157	/	Pass
20	QPSK	1720	100	0	20.027	/	Pass
		1745	100	0	20.040	/	Pass
		1770	100	0	19.956	/	Pass
	16QAM	1720	100	0	20.069	/	Pass
		1745	100	0	20.035	/	Pass
		1770	100	0	20.024	/	Pass

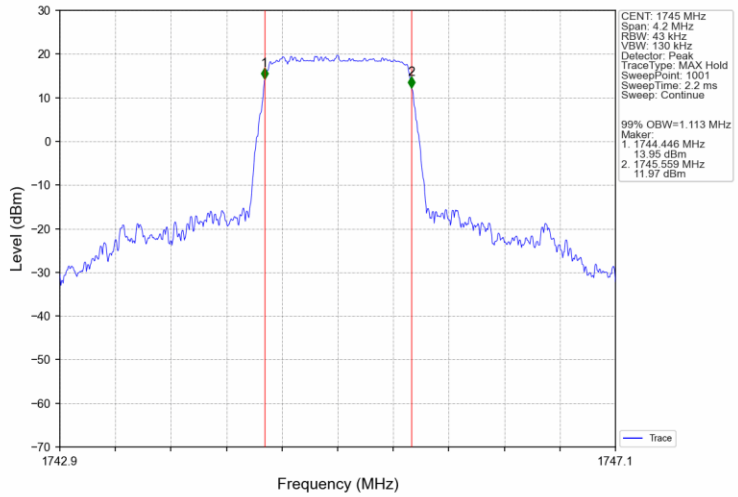
4.2 Test Graph

4.2.1 Band66_OBW

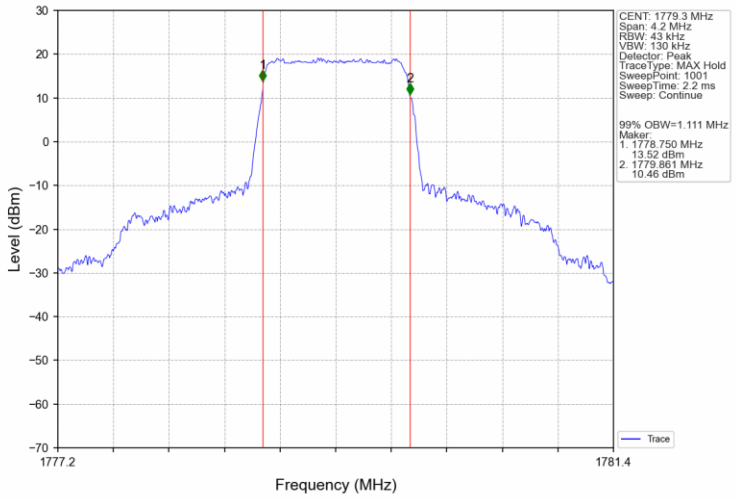
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



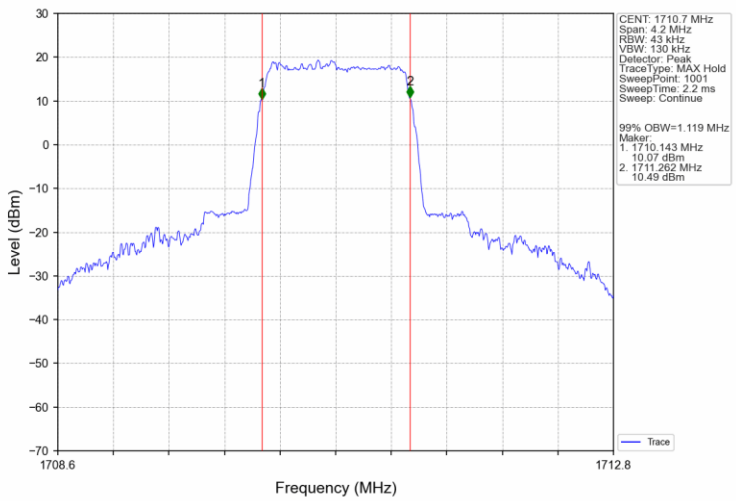
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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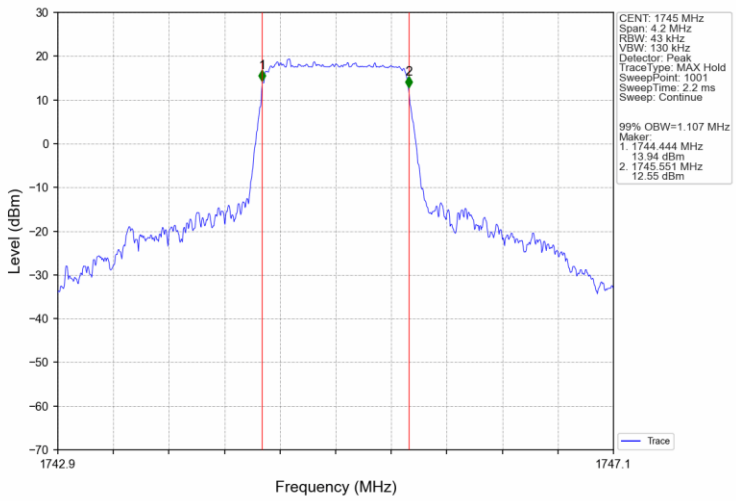
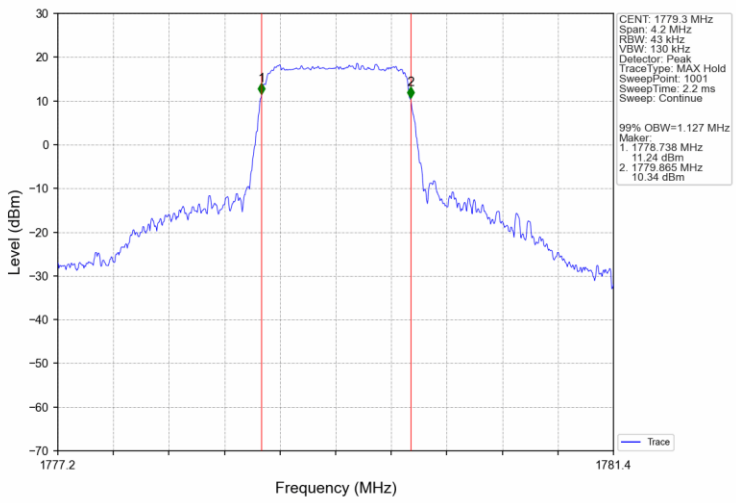
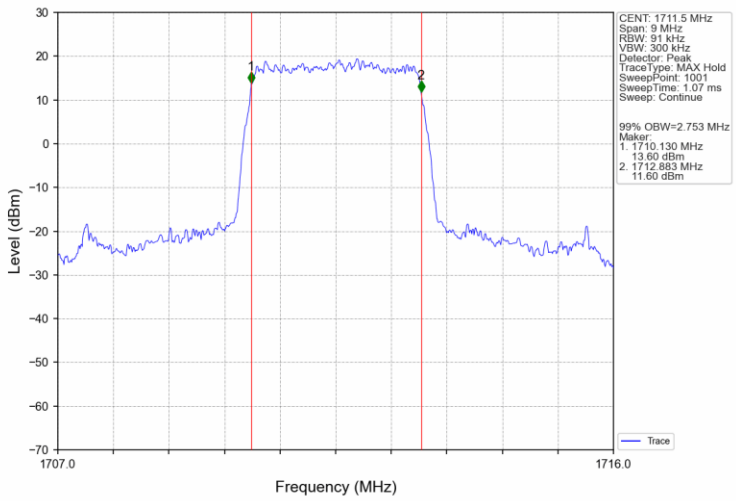


Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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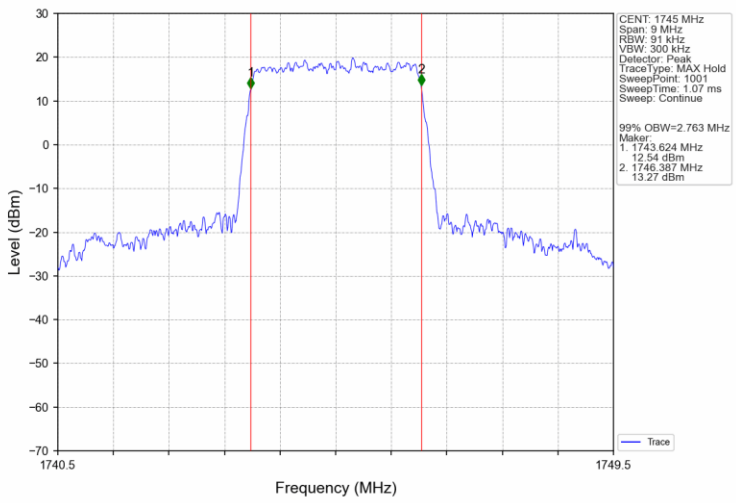
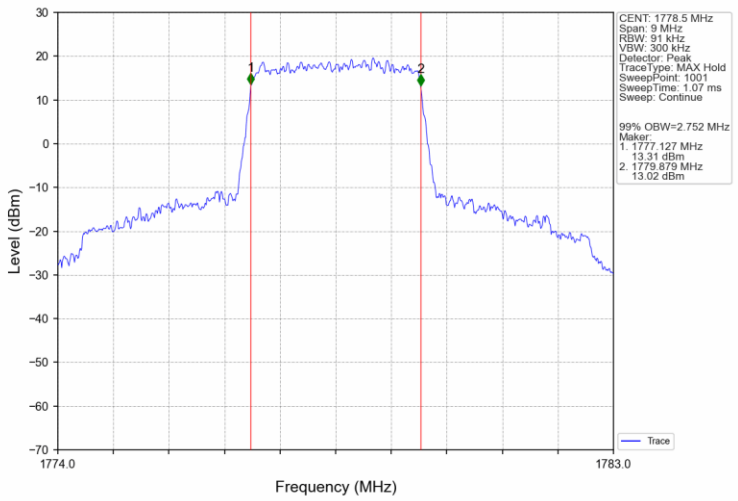
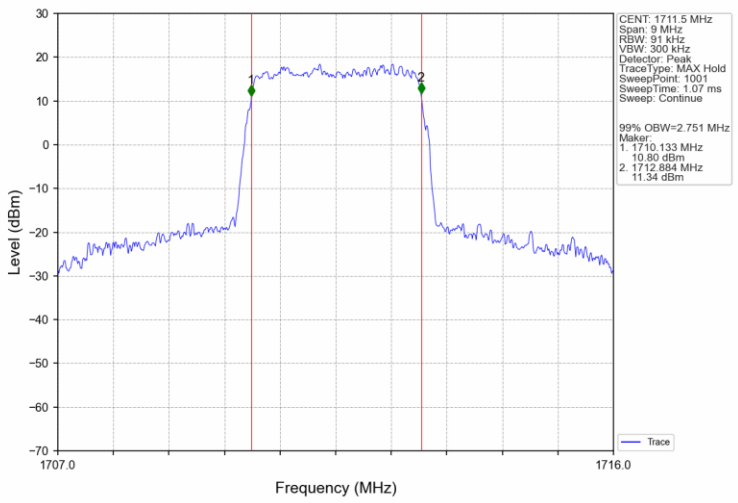


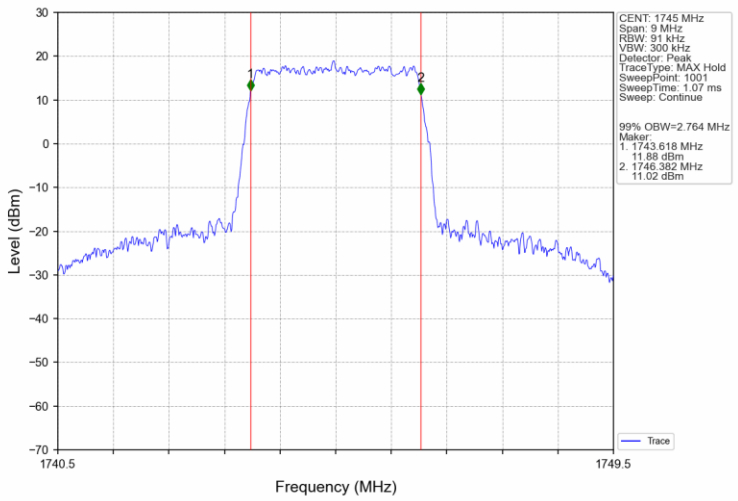
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



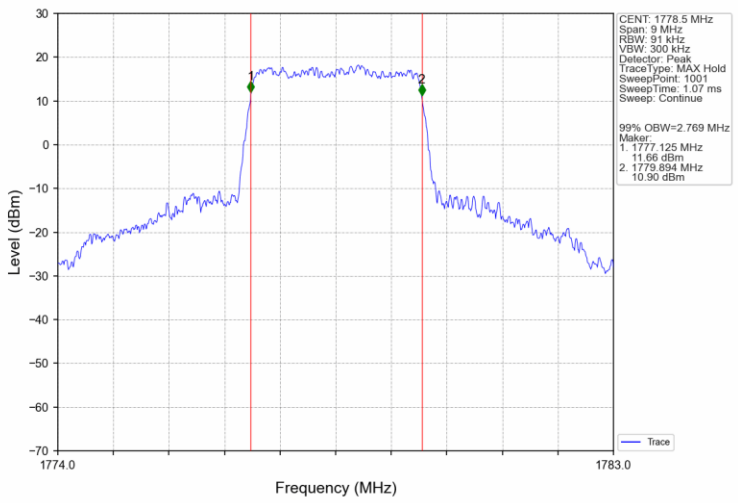
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



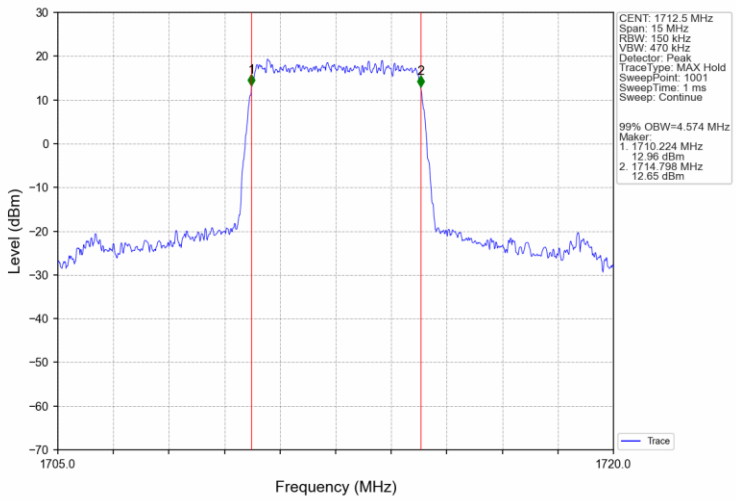
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



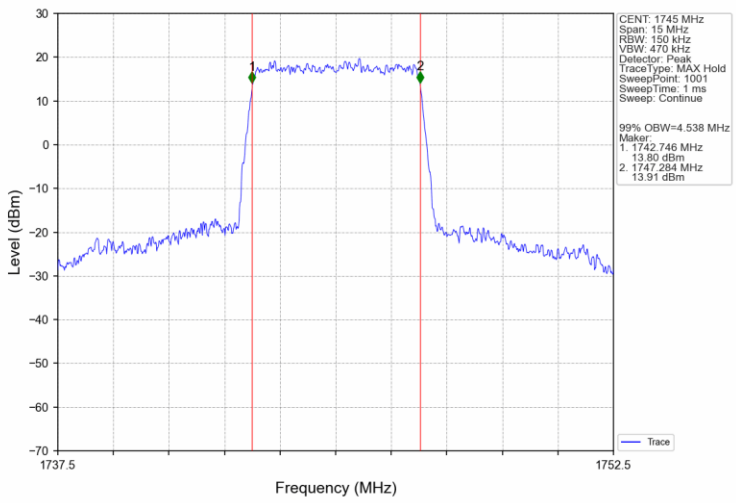
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



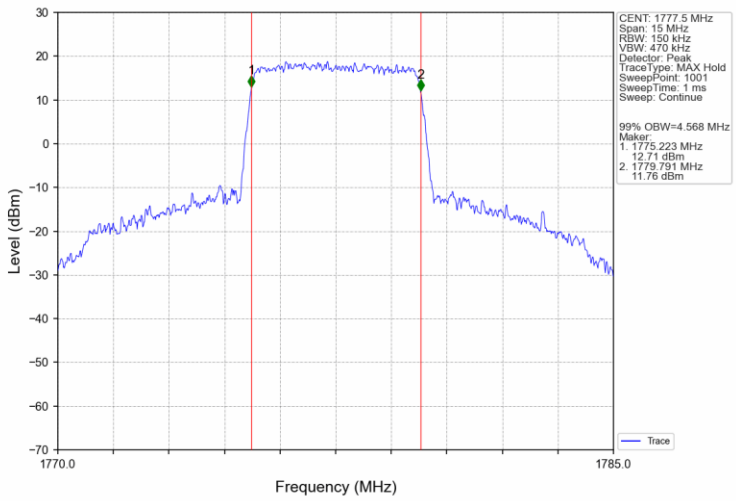
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



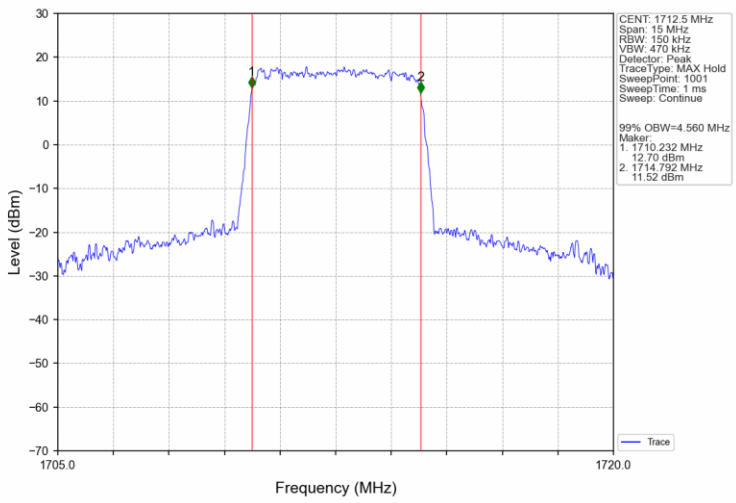
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



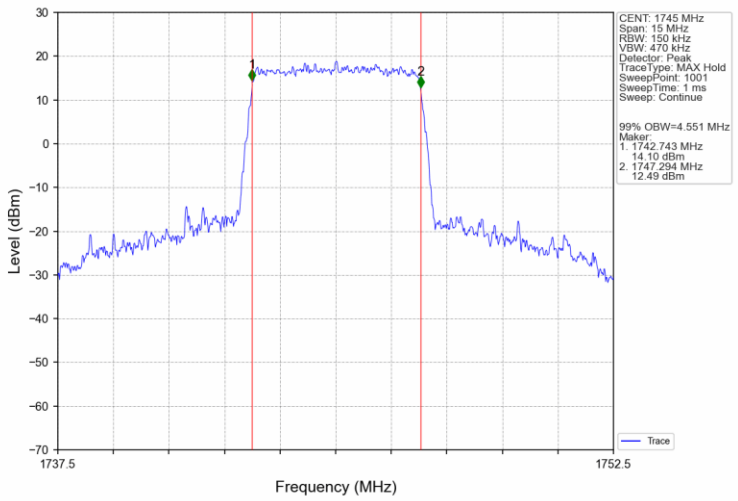
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



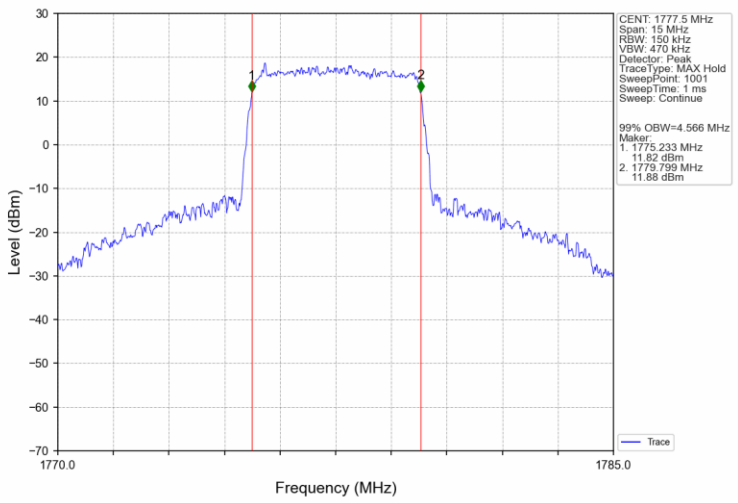
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



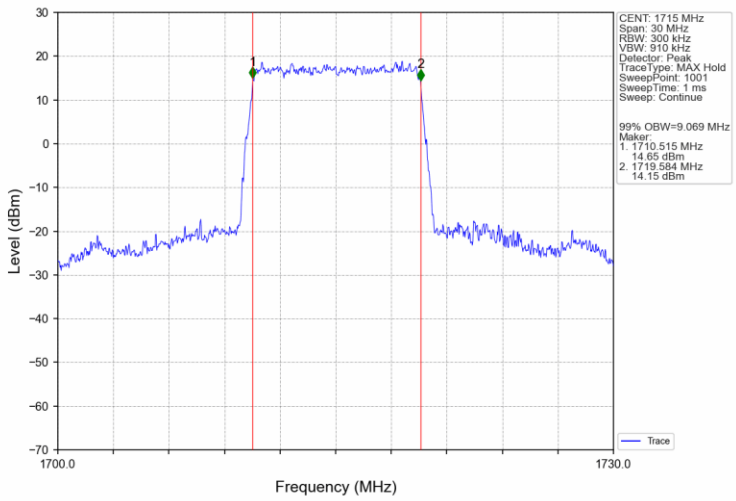
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



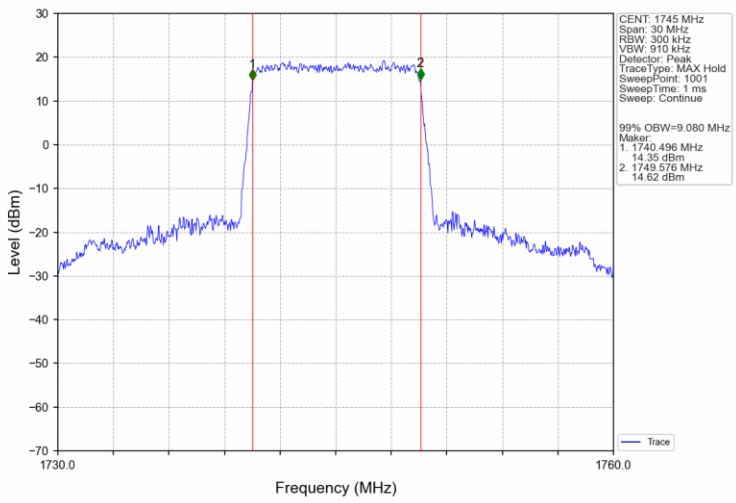
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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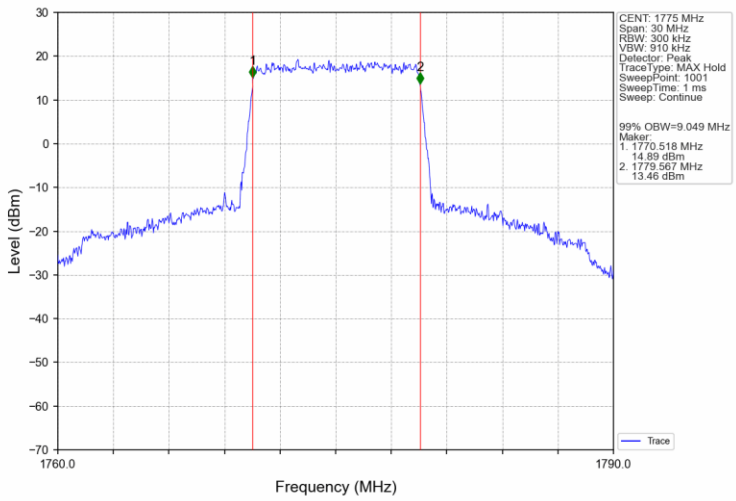
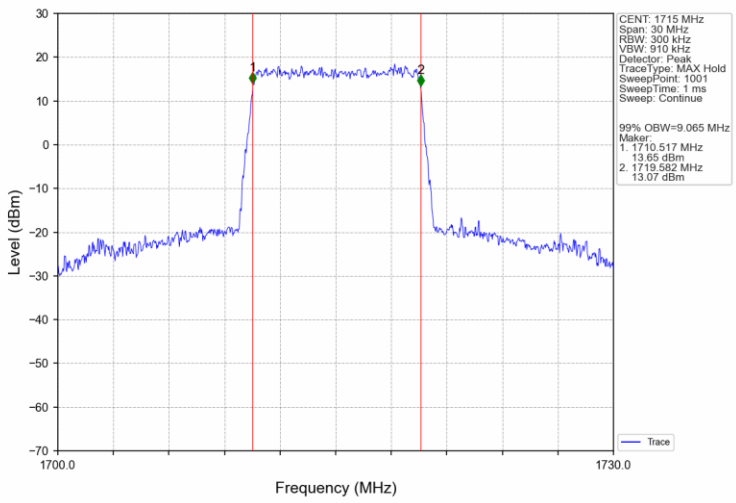
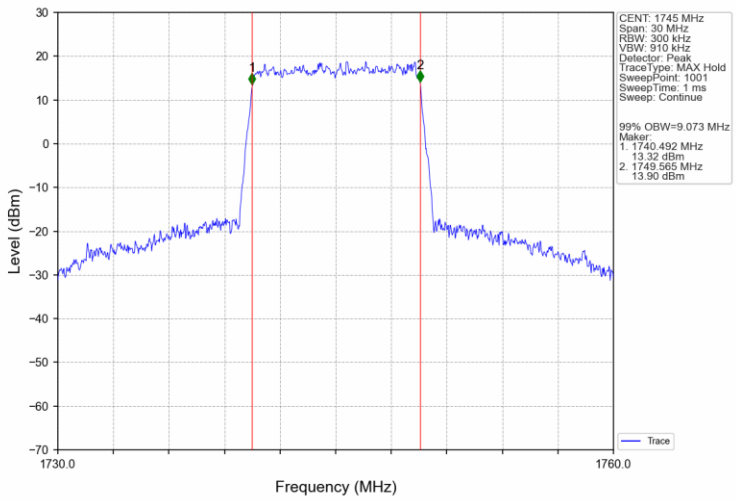


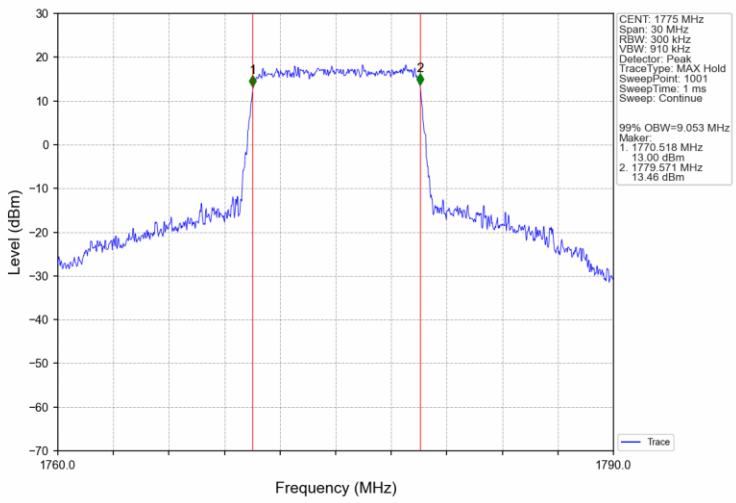
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



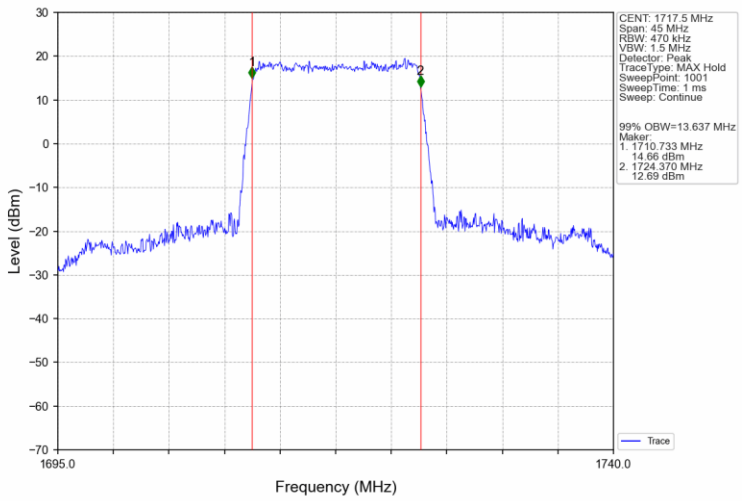
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



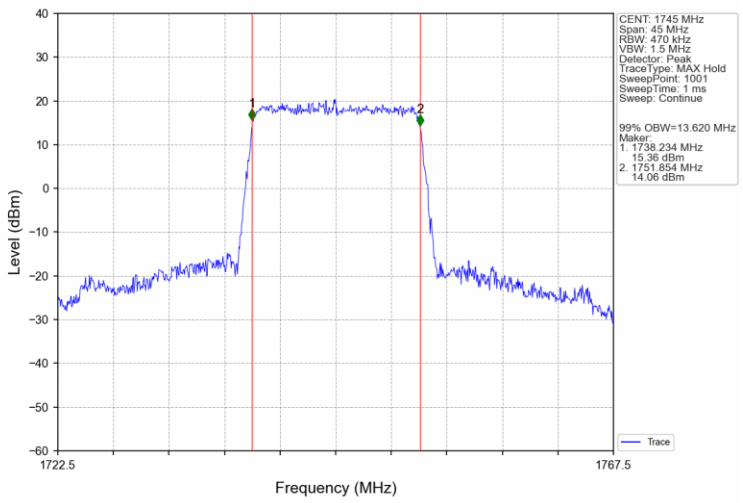
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



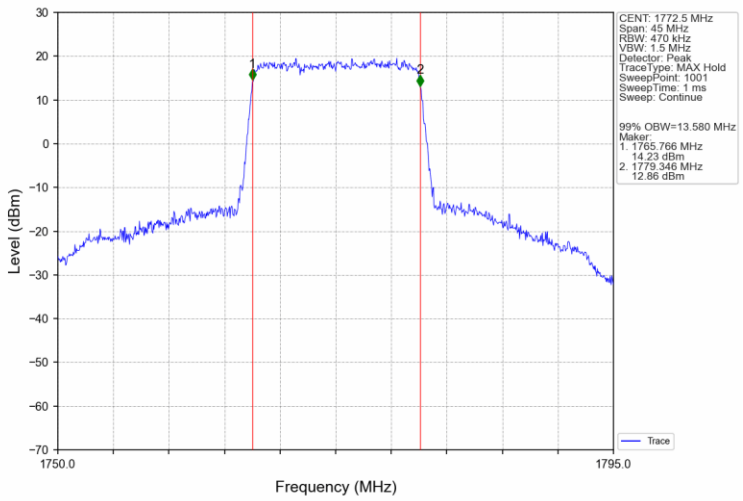
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



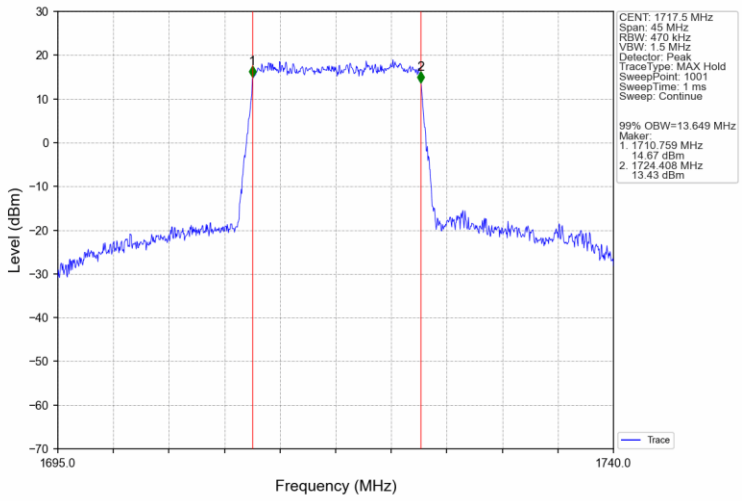
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



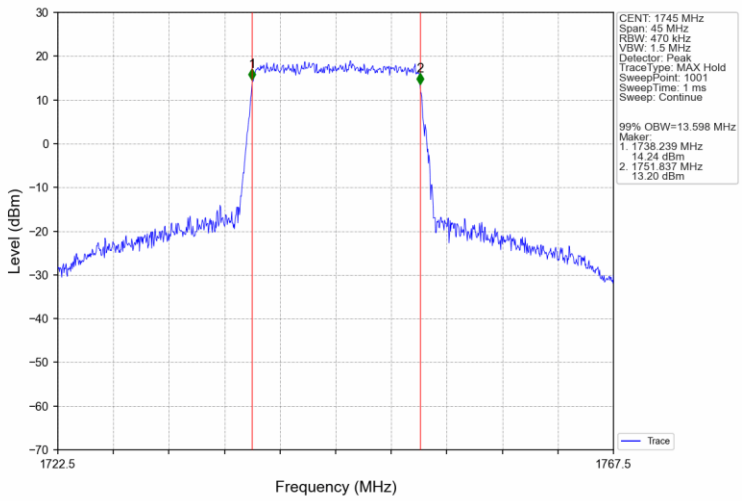
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



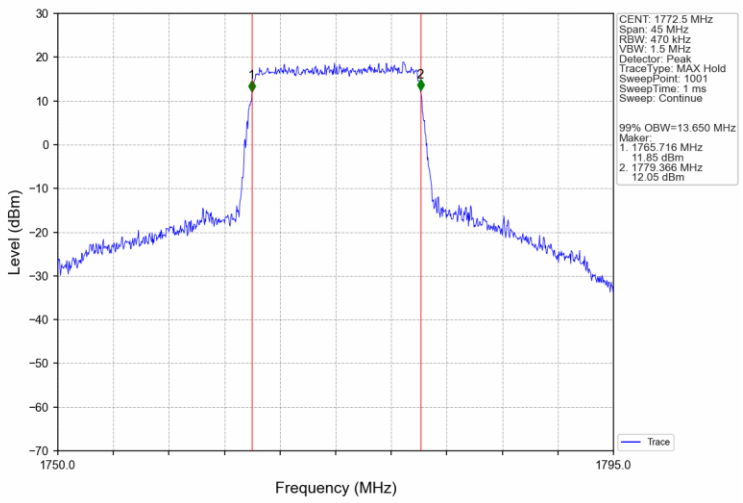
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



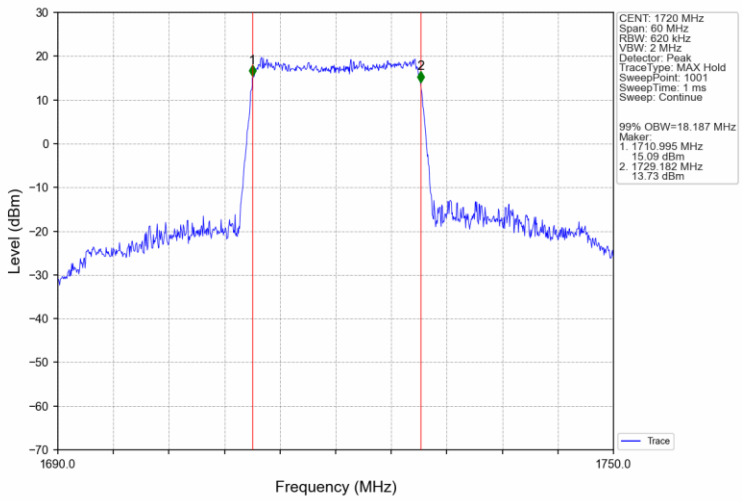
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



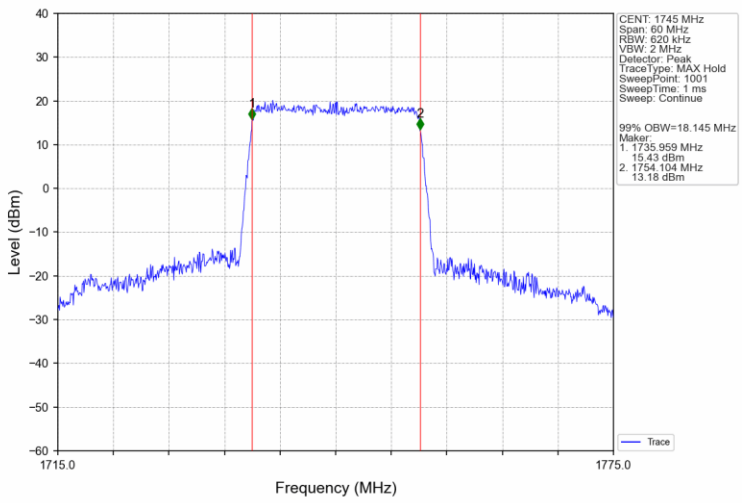
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



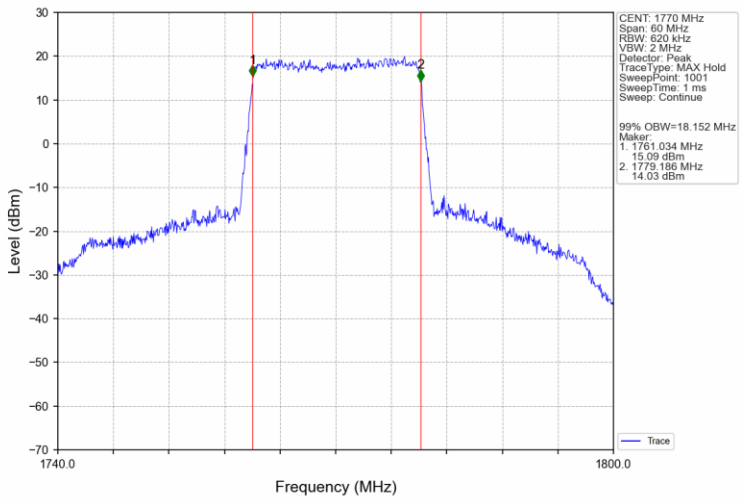
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



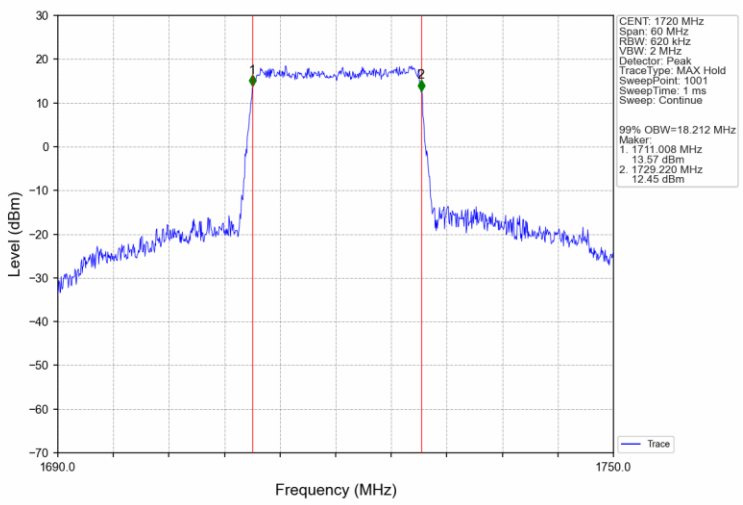
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



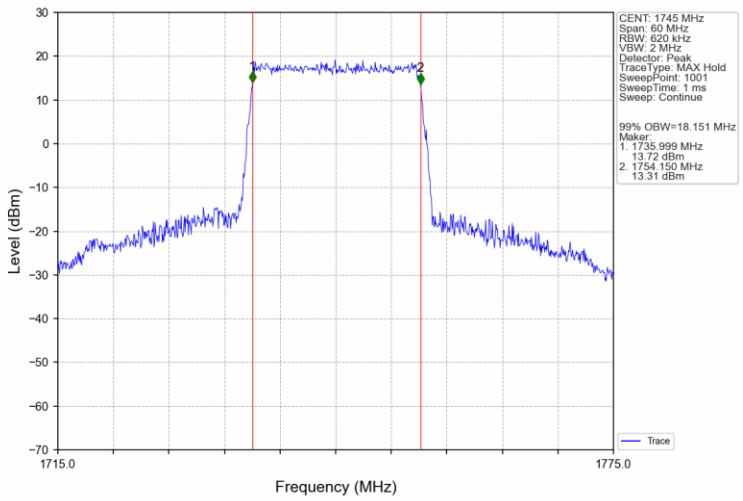
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



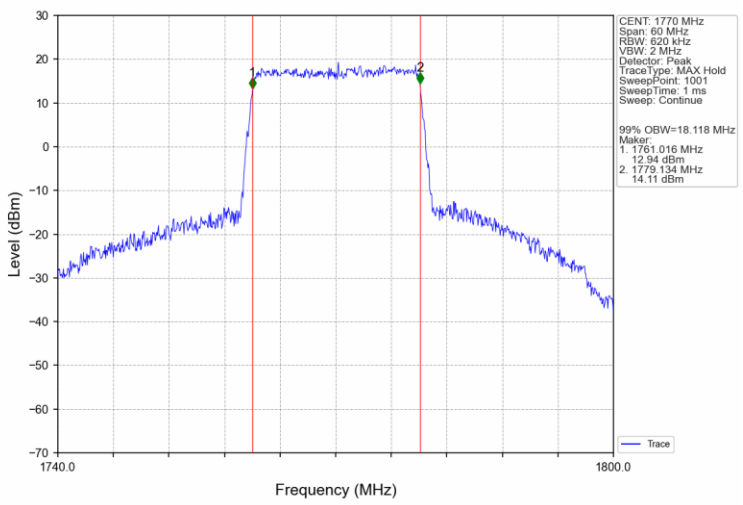
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

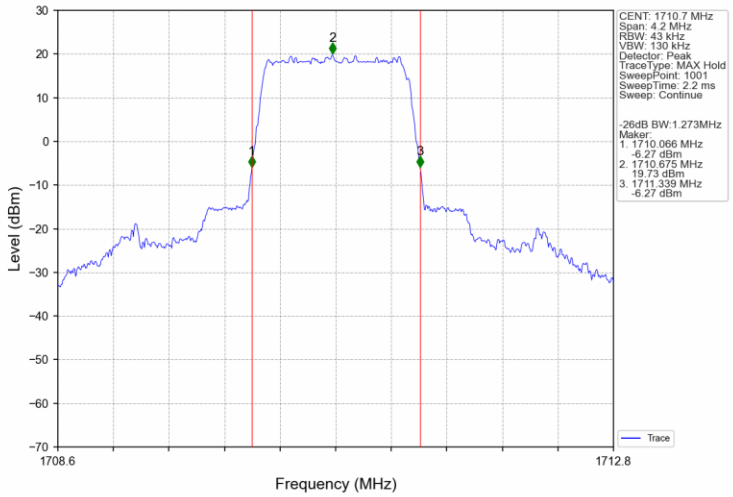


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

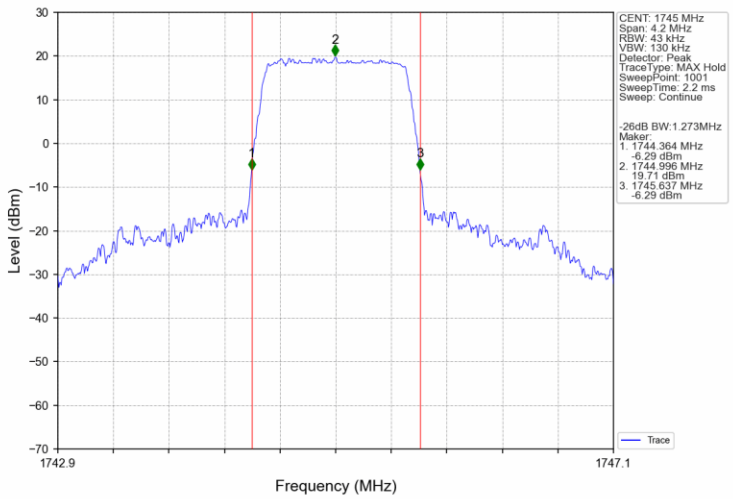


4.2.2 Band66_XDB

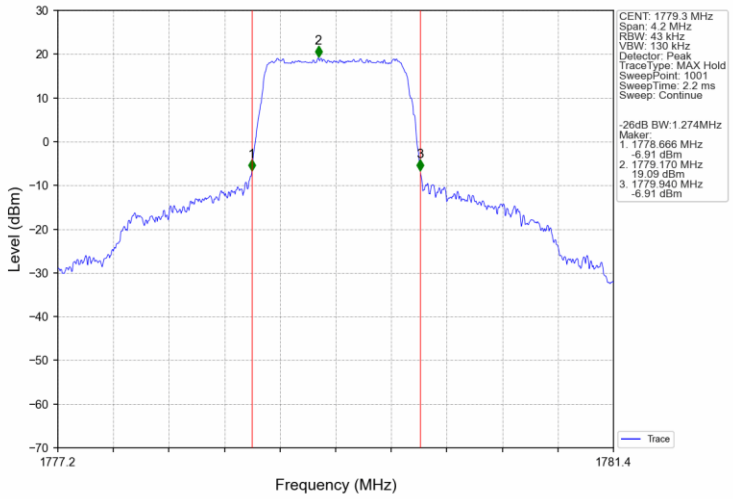
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



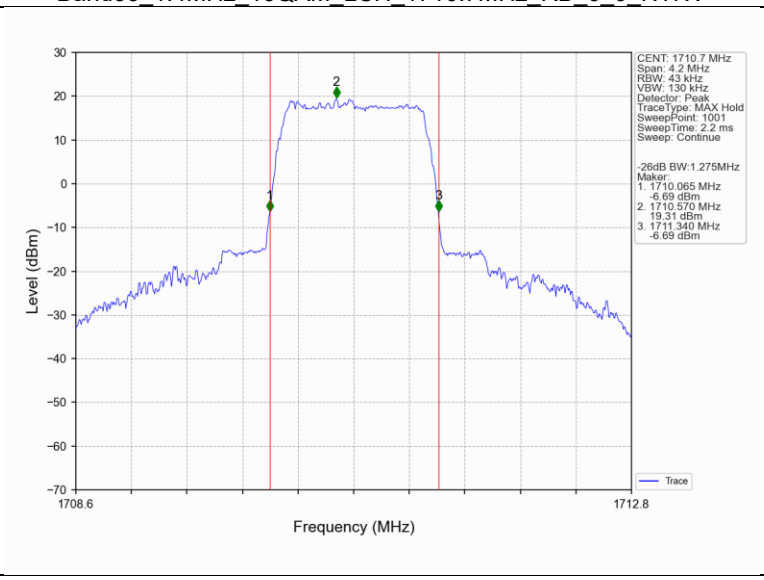
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



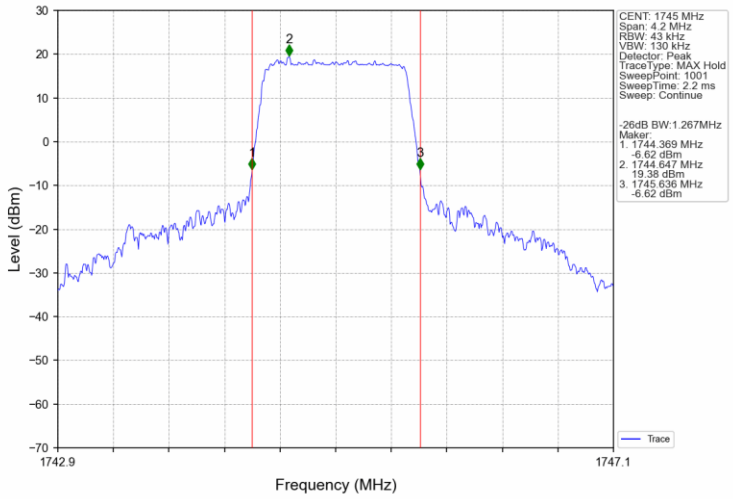
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



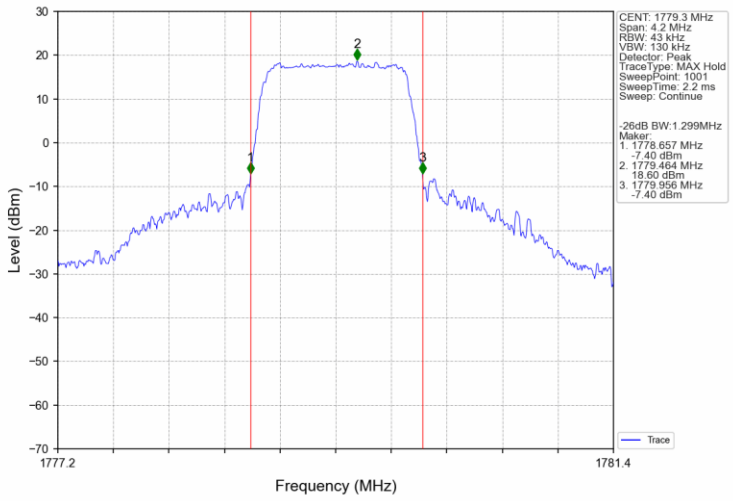
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



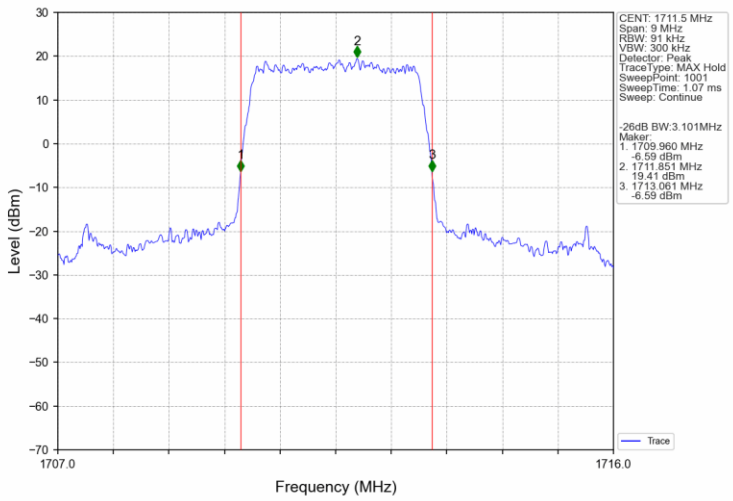
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



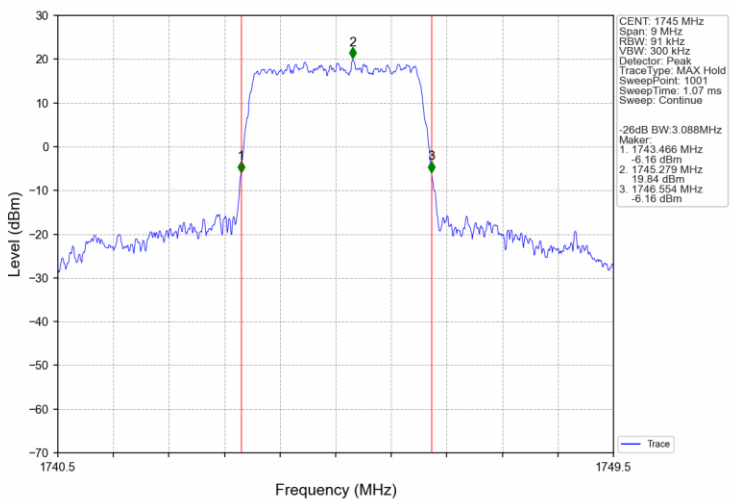
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



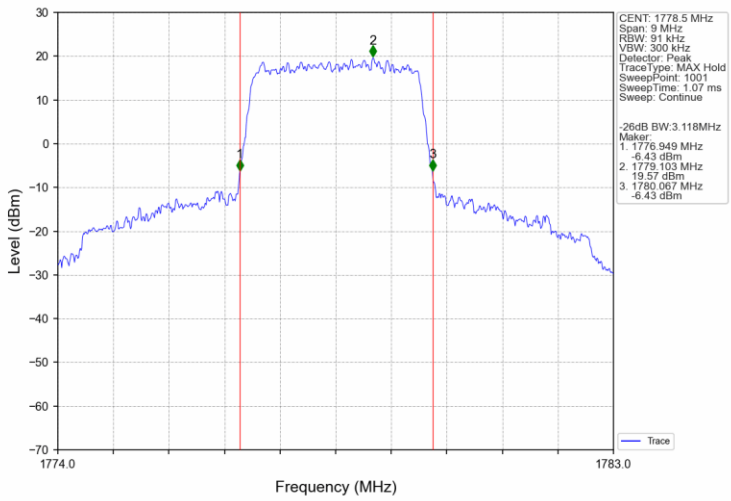
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



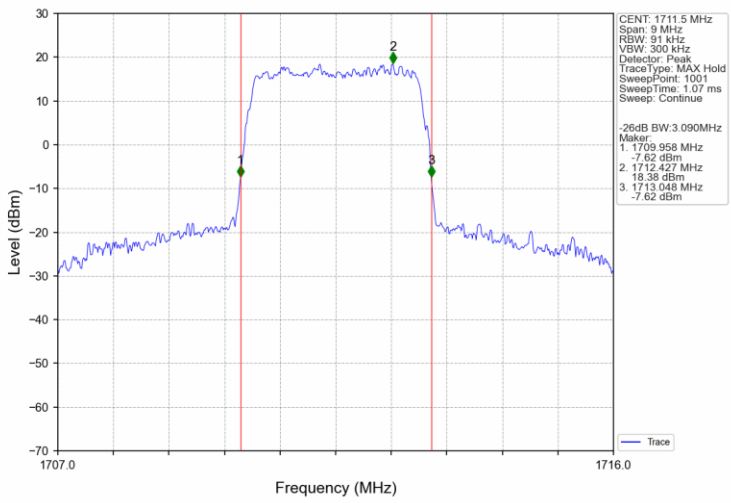
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



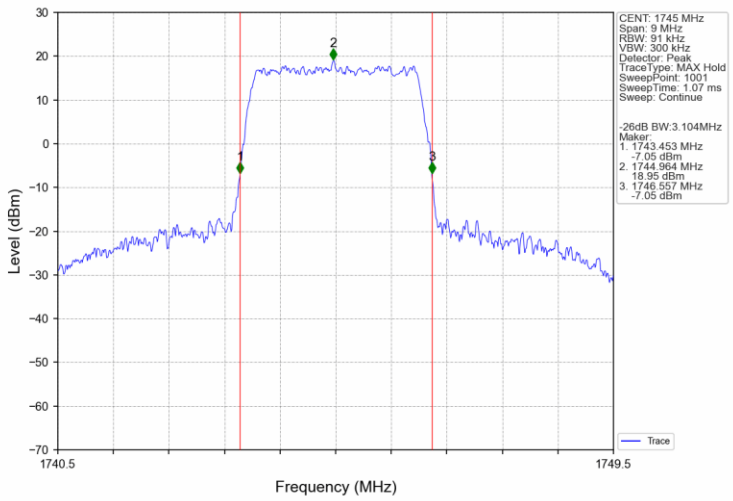
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



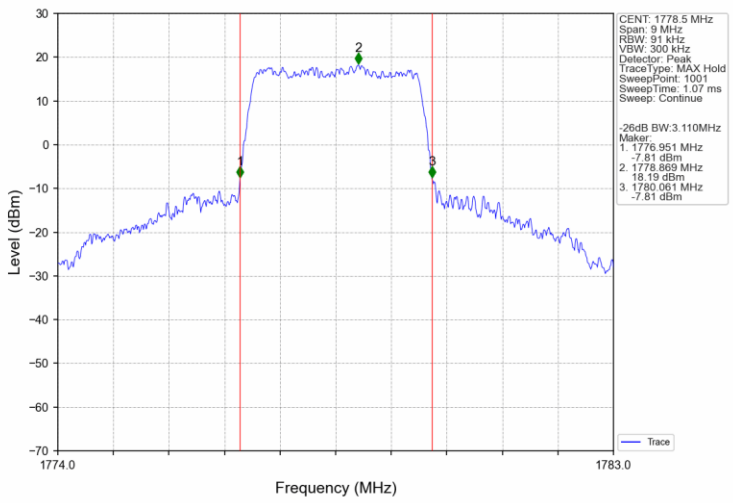
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



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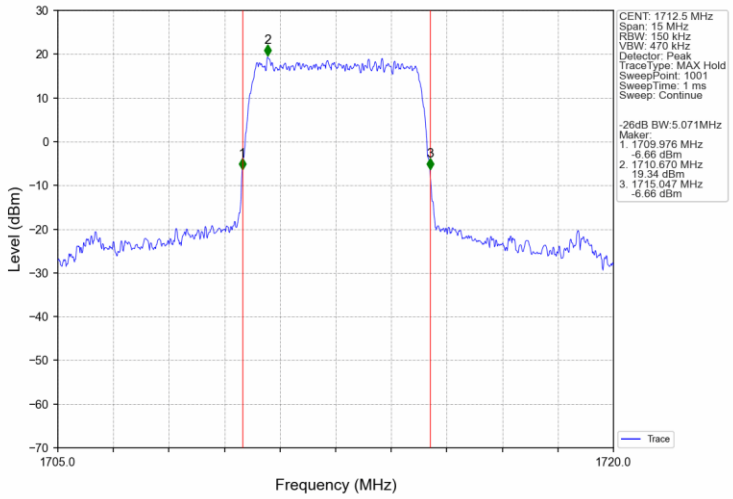
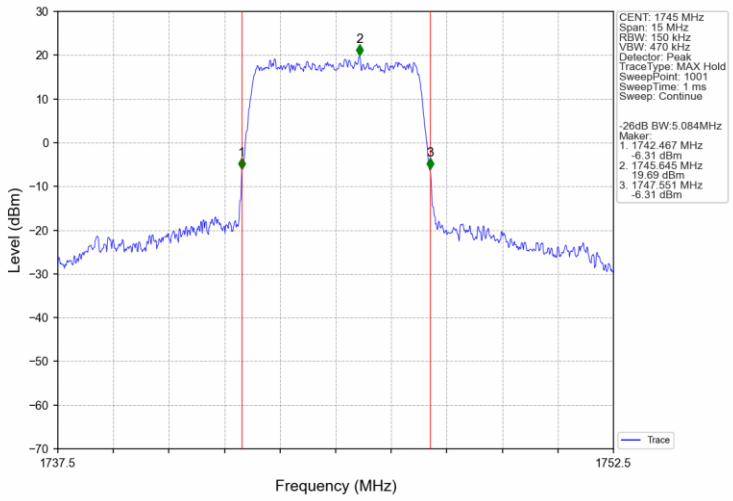
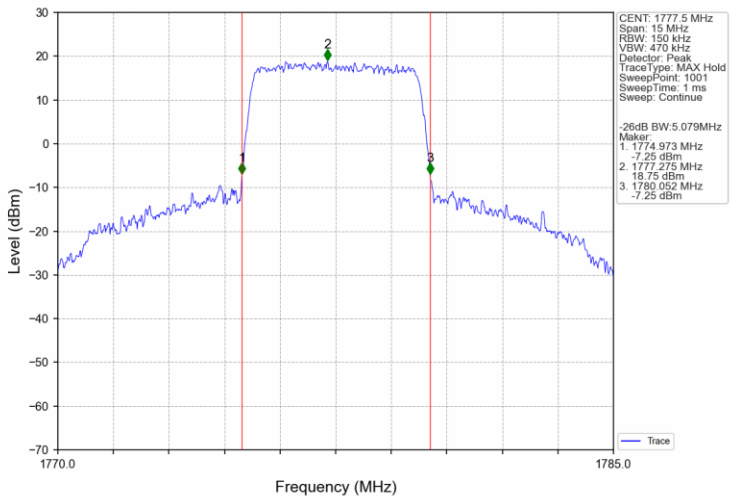


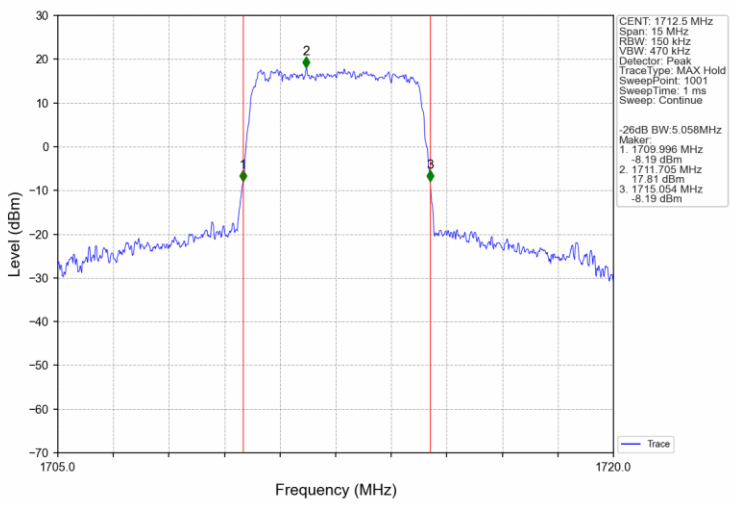
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



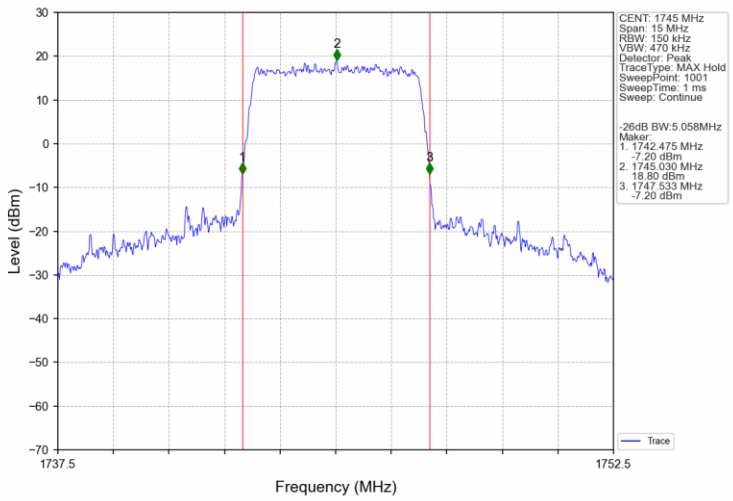
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



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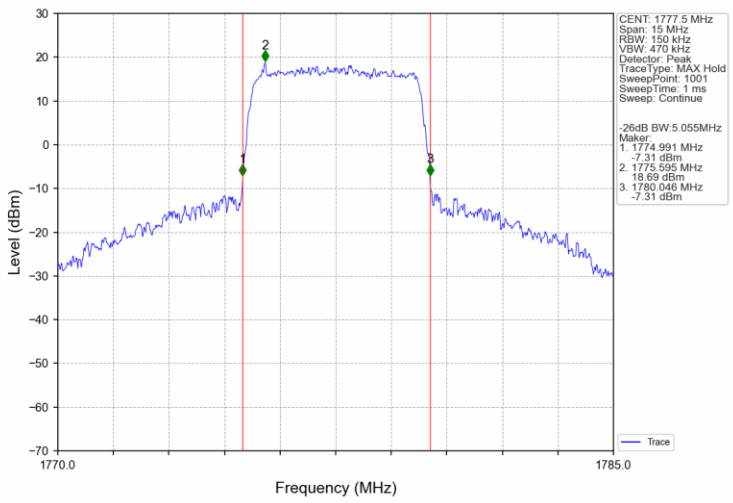
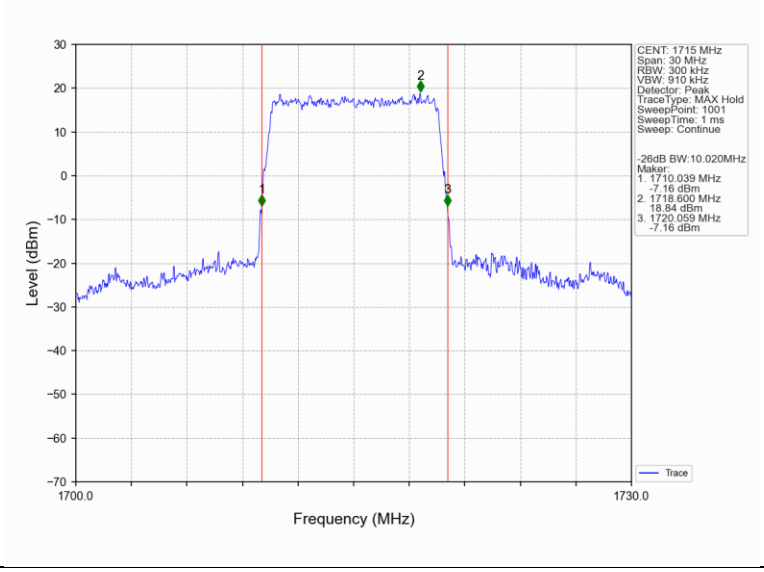


Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



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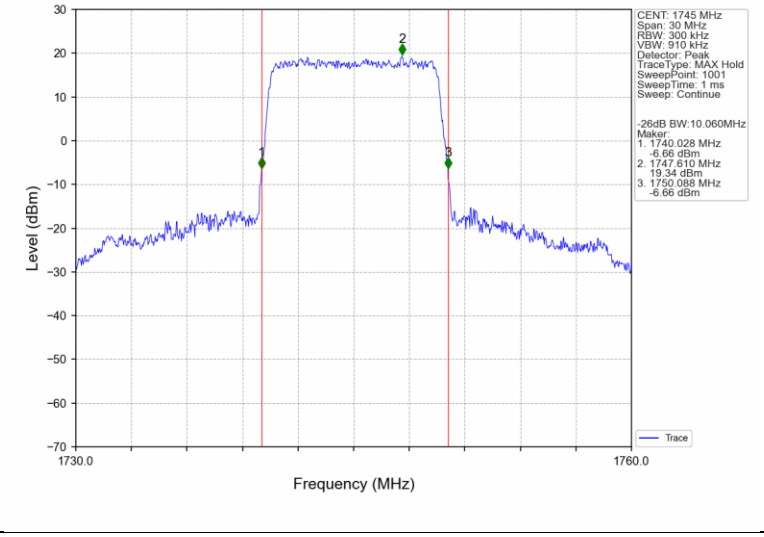
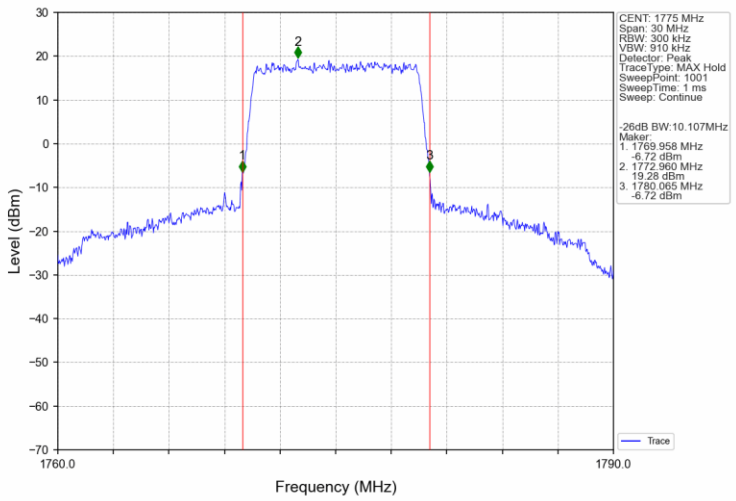
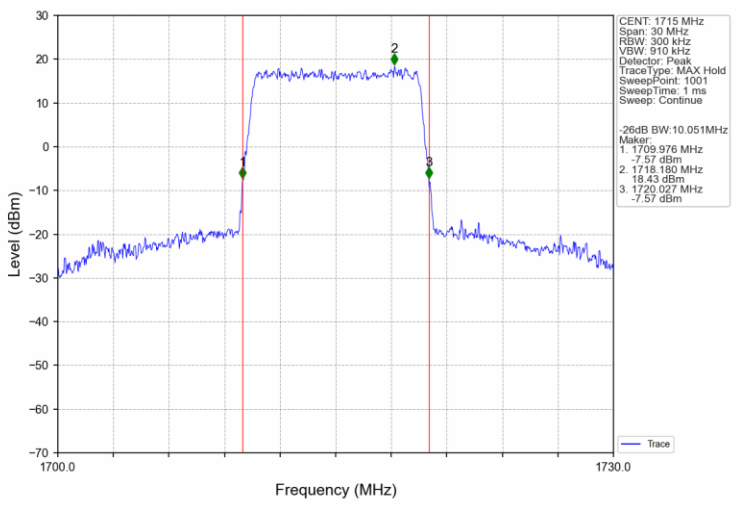


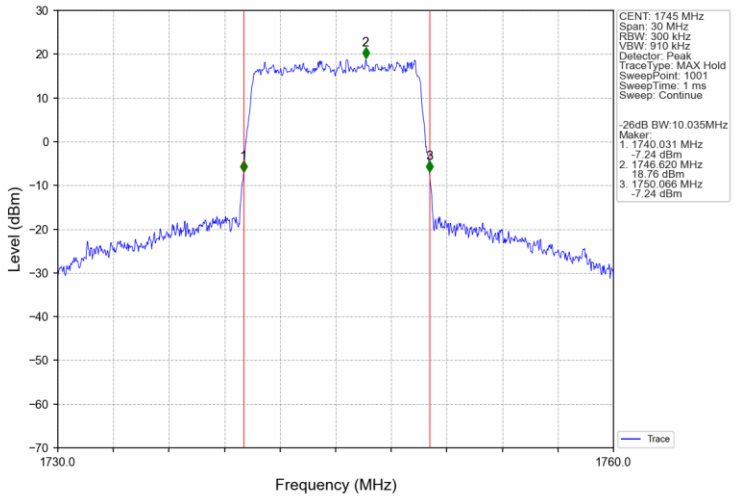
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



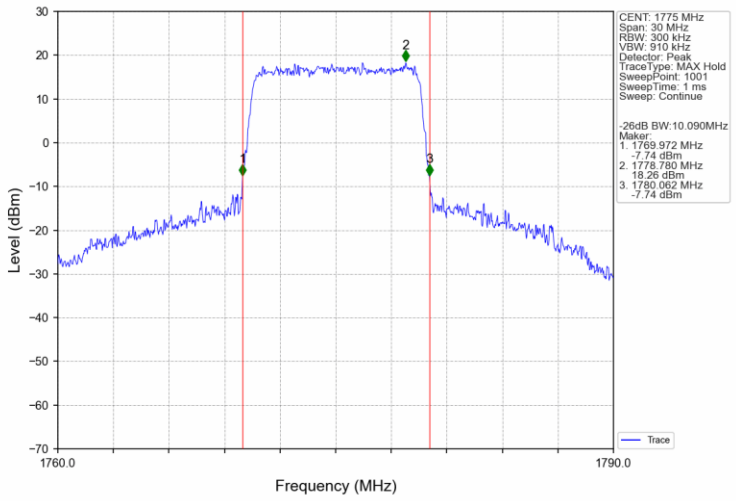
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



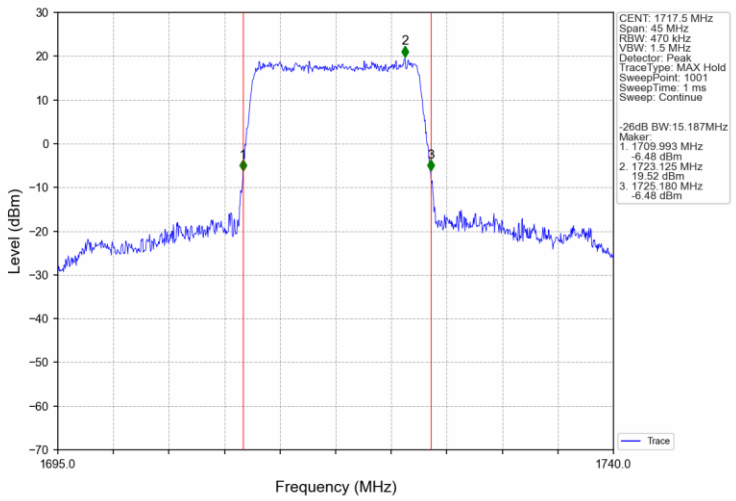
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



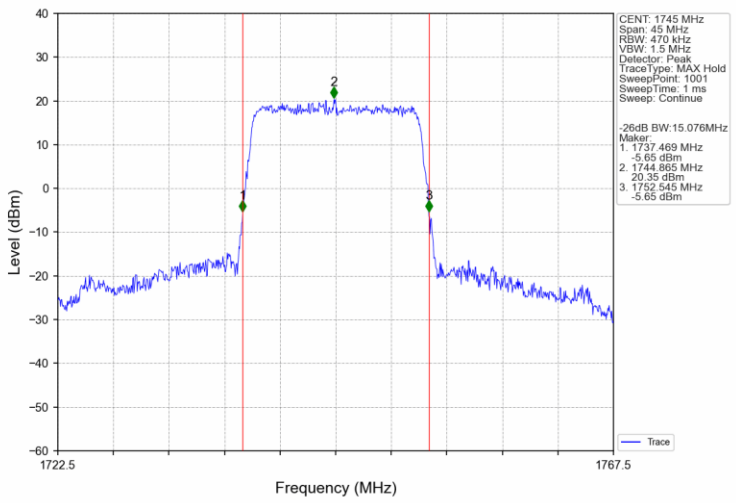
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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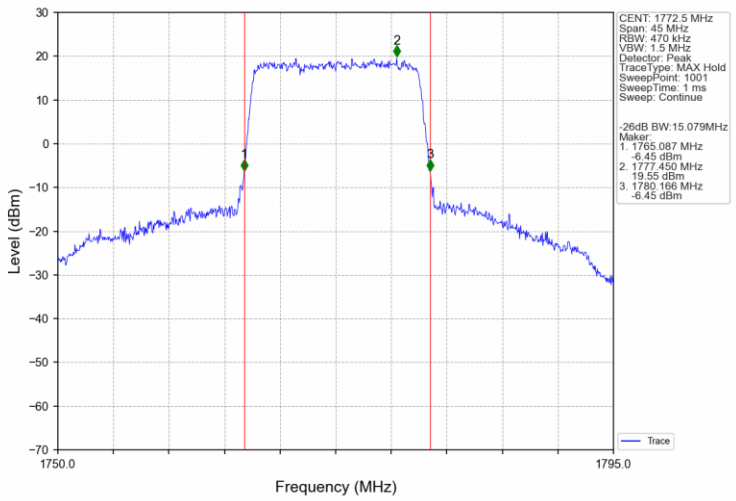
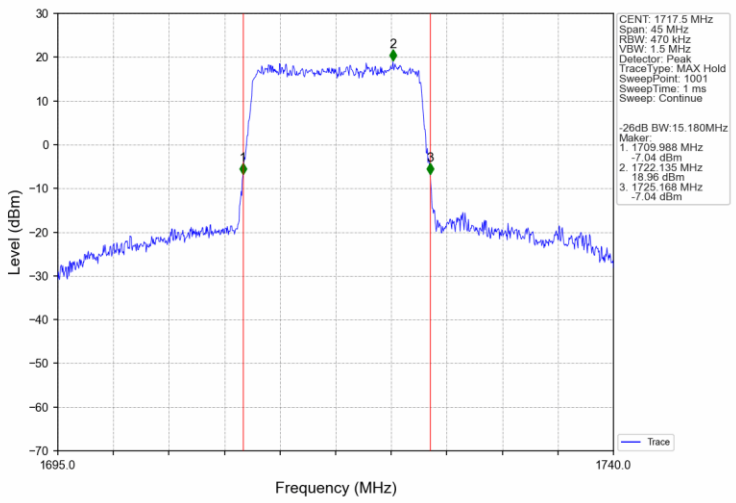
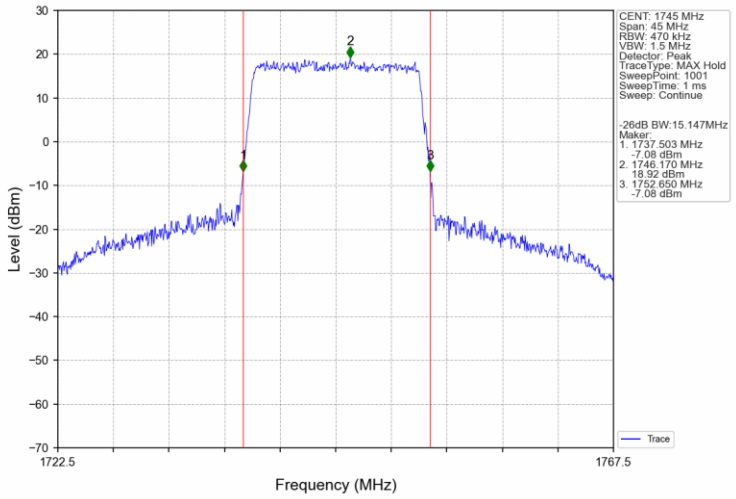
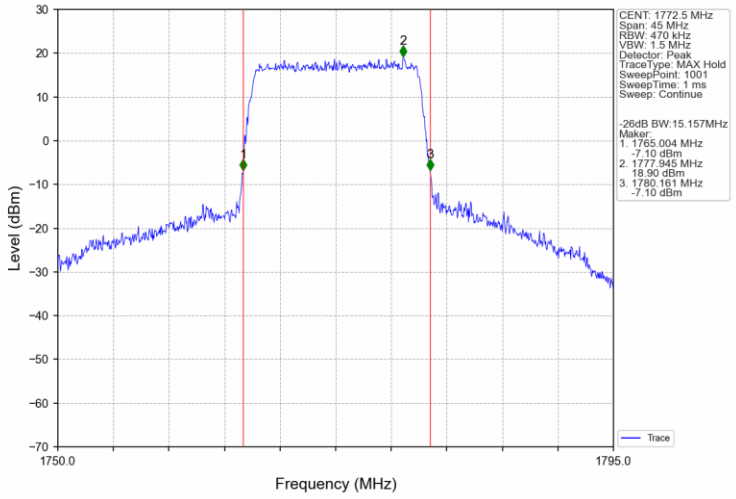


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV