1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.90	0.72	23.62	<=30	Pass
			2	23.04	0.72	23.76	<=30	Pass
			5	22.88	0.72	23.60	<=30	Pass
		3	0	22.97	0.72	23.69	<=30	Pass
			2	23.00	0.72	23.72	<=30	Pass
			3	22.99	0.72	23.71	<=30	Pass
		6	0	21.90	0.72	22.62	<=30	Pass
	1745	1	0	22.78	0.72	23.50	<=30	Pass
			2	22.95	0.72	23.67	<=30	Pass
			5	22.76	0.72	23.48	<=30	Pass
		3	0	22.86	0.72	23.58	<=30	Pass
			2	22.90	0.72	23.62	<=30	Pass
			3	22.86	0.72	23.58	<=30	Pass
		6	0	21.87	0.72	22.59	<=30	Pass
	1779.3	1	0	23.08	0.72	23.80	<=30	Pass
			2	23.21	0.72	23.93	<=30	Pass
			5	23.07	0.72	23.79	<=30	Pass
		3	0	23.14	0.72	23.86	<=30	Pass
			2	23.22	0.72	23.94	<=30	Pass
			3	23.17	0.72	23.89	<=30	Pass
		6	0	22.16	0.72	22.88	<=30	Pass
16QAM	1710.7	1	0	21.74	0.72	22.46	<=30	Pass
			2	21.95	0.72	22.67	<=30	Pass
			5	21.74	0.72	22.46	<=30	Pass
		3	0	21.75	0.72	22.47	<=30	Pass
			2	21.75	0.72	22.47	<=30	Pass
			3	21.73	0.72	22.45	<=30	Pass
		6	0	20.95	0.72	21.67	<=30	Pass
	1745	1	0	21.90	0.72	22.62	<=30	Pass
			2	22.10	0.72	22.82	<=30	Pass
			5	21.89	0.72	22.61	<=30	Pass
		3	0	21.76	0.72	22.48	<=30	Pass
			2	21.74	0.72	22.46	<=30	Pass
			3	21.72	0.72	22.44	<=30	Pass
		6	0	20.92	0.72	21.64	<=30	Pass
	1779.3	1	0	22.18	0.72	22.90	<=30	Pass
			2	22.34	0.72	23.06	<=30	Pass
			5	22.19	0.72	22.91	<=30	Pass
		3	0	22.04	0.72	22.76	<=30	Pass
			2	22.09	0.72	22.81	<=30	Pass
			3	22.07	0.72	22.79	<=30	Pass
		6	0	21.11	0.72	21.83	<=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	23.41	0.72	24.13	<=30	Pass
			7	23.14	0.72	23.86	<=30	Pass
			14	22.90	0.72	23.62	<=30	Pass
		8	0	21.94	0.72	22.66	<=30	Pass
			4	22.00	0.72	22.72	<=30	Pass
			7	22.00	0.72	22.72	<=30	Pass
		15	0	21.93	0.72	22.65	<=30	Pass
	1745	1	0	22.88	0.72	23.60	<=30	Pass
			7	23.08	0.72	23.80	<=30	Pass
			14	22.87	0.72	23.59	<=30	Pass
		8	0	21.89	0.72	22.61	<=30	Pass
			4	21.91	0.72	22.63	<=30	Pass
			7	21.90	0.72	22.62	<=30	Pass
		15	0	21.83	0.72	22.55	<=30	Pass
	1778.5	1	0	23.21	0.72	23.93	<=30	Pass
			7	23.37	0.72	24.09	<=30	Pass
			14	23.19	0.72	23.91	<=30	Pass
		8	0	22.21	0.72	22.93	<=30	Pass
			4	22.20	0.72	22.92	<=30	Pass
			7	22.17	0.72	22.89	<=30	Pass
		15	0	22.14	0.72	22.86	<=30	Pass
16QAM	1711.5	1	0	22.12	0.72	22.84	<=30	Pass
			7	22.27	0.72	22.99	<=30	Pass
			14	22.08	0.72	22.80	<=30	Pass
		8	0	21.08	0.72	21.80	<=30	Pass
			4	21.08	0.72	21.80	<=30	Pass
			7	21.05	0.72	21.77	<=30	Pass
		15	0	20.99	0.72	21.71	<=30	Pass
	1745	1	0	22.02	0.72	22.74	<=30	Pass
			7	22.17	0.72	22.89	<=30	Pass
			14	21.97	0.72	22.69	<=30	Pass
		8	0	20.94	0.72	21.66	<=30	Pass
			4	20.96	0.72	21.68	<=30	Pass
			7	20.92	0.72	21.64	<=30	Pass
		15	0	20.83	0.72	21.55	<=30	Pass
	1778.5	1	0	22.06	0.72	22.78	<=30	Pass
			7	22.21	0.72	22.93	<=30	Pass
			14	22.08	0.72	22.80	<=30	Pass
		8	0	21.24	0.72	21.96	<=30	Pass
			4	21.25	0.72	21.97	<=30	Pass
			7	21.23	0.72	21.95	<=30	Pass
		15	0	21.09	0.72	21.81	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.92	0.72	23.64	<=30	Pass
			13	22.99	0.72	23.71	<=30	Pass
			24	22.94	0.72	23.66	<=30	Pass
		12	0	21.98	0.72	22.70	<=30	Pass
			6	22.03	0.72	22.75	<=30	Pass
			13	22.00	0.72	22.72	<=30	Pass
		25	0	22.00	0.72	22.72	<=30	Pass

	1745	1	0	22.88	0.72	23.60	<=30	Pass
			13	22.94	0.72	23.66	<=30	Pass
			24	22.85	0.72	23.57	<=30	Pass
		12	0	21.87	0.72	22.59	<=30	Pass
			6	21.91	0.72	22.63	<=30	Pass
			13	21.88	0.72	22.60	<=30	Pass
		25	0	21.89	0.72	22.61	<=30	Pass
	1777.5	1	0	23.07	0.72	23.79	<=30	Pass
			13	23.18	0.72	23.90	<=30	Pass
			24	23.10	0.72	23.82	<=30	Pass
		12	0	22.17	0.72	22.89	<=30	Pass
			6	22.18	0.72	22.90	<=30	Pass
			13	22.13	0.72	22.85	<=30	Pass
		25	0	22.13	0.72	22.85	<=30	Pass
16QAM	1712.5	1	0	22.09	0.72	22.81	<=30	Pass
			13	22.16	0.72	22.88	<=30	Pass
			24	22.07	0.72	22.79	<=30	Pass
		12	0	21.06	0.72	21.78	<=30	Pass
			6	21.12	0.72	21.84	<=30	Pass
			13	21.09	0.72	21.81	<=30	Pass
		25	0	21.01	0.72	21.73	<=30	Pass
	1745	1	0	21.98	0.72	22.70	<=30	Pass
			13	22.01	0.72	22.73	<=30	Pass
			24	21.93	0.72	22.65	<=30	Pass
		12	0	20.93	0.72	21.65	<=30	Pass
			6	20.96	0.72	21.68	<=30	Pass
			13	20.95	0.72	21.67	<=30	Pass
		25	0	21.02	0.72	21.74	<=30	Pass
	1777.5	1	0	22.10	0.72	22.82	<=30	Pass
			13	22.19	0.72	22.91	<=30	Pass
			24	22.13	0.72	22.85	<=30	Pass
		12	0	21.14	0.72	21.86	<=30	Pass
			6	21.18	0.72	21.90	<=30	Pass
			13	21.15	0.72	21.87	<=30	Pass
		25	0	21.17	0.72	21.89	<=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	23.04	0.72	23.76	<=30	Pass
			25	23.15	0.72	23.87	<=30	Pass
			49	23.03	0.72	23.75	<=30	Pass
		25	0	22.02	0.72	22.74	<=30	Pass
			13	22.08	0.72	22.80	<=30	Pass
			25	22.11	0.72	22.83	<=30	Pass
		50	0	22.06	0.72	22.78	<=30	Pass
	1745	1	0	22.88	0.72	23.60	<=30	Pass
			25	22.95	0.72	23.67	<=30	Pass
			49	22.84	0.72	23.56	<=30	Pass
		25	0	21.94	0.72	22.66	<=30	Pass
			13	21.95	0.72	22.67	<=30	Pass
			25	21.98	0.72	22.70	<=30	Pass
		50	0	21.94	0.72	22.66	<=30	Pass
	1775	1	0	23.02	0.72	23.74	<=30	Pass
			25	23.24	0.72	23.96	<=30	Pass

			49	23.14	0.72	23.86	<=30	Pass
		25	0	22.15	0.72	22.87	<=30	Pass
			13	22.17	0.72	22.89	<=30	Pass
			25	22.19	0.72	22.91	<=30	Pass
		50	0	22.16	0.72	22.88	<=30	Pass
16QAM	1715	1	0	21.92	0.72	22.64	<=30	Pass
			25	21.98	0.72	22.70	<=30	Pass
			49	21.91	0.72	22.63	<=30	Pass
		25	0	21.13	0.72	21.85	<=30	Pass
			13	21.15	0.72	21.87	<=30	Pass
			25	21.15	0.72	21.87	<=30	Pass
		50	0	21.13	0.72	21.85	<=30	Pass
	1745	1	0	22.07	0.72	22.79	<=30	Pass
			25	22.13	0.72	22.85	<=30	Pass
			49	22.00	0.72	22.72	<=30	Pass
		25	0	20.97	0.72	21.69	<=30	Pass
			13	20.97	0.72	21.69	<=30	Pass
			25	21.00	0.72	21.72	<=30	Pass
		50	0	20.96	0.72	21.68	<=30	Pass
	1775	1	0	22.22	0.72	22.94	<=30	Pass
			25	22.32	0.72	23.04	<=30	Pass
			49	22.26	0.72	22.98	<=30	Pass
		25	0	21.22	0.72	21.94	<=30	Pass
			13	21.24	0.72	21.96	<=30	Pass
			25	21.23	0.72	21.95	<=30	Pass
		50	0	21.20	0.72	21.92	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.84	0.72	23.56	<=30	Pass
			38	22.97	0.72	23.69	<=30	Pass
			74	22.87	0.72	23.59	<=30	Pass
		36	0	22.07	0.72	22.79	<=30	Pass
			18	22.15	0.72	22.87	<=30	Pass
			39	22.14	0.72	22.86	<=30	Pass
		75	0	22.12	0.72	22.84	<=30	Pass
	1745	1	0	22.84	0.72	23.56	<=30	Pass
			38	22.94	0.72	23.66	<=30	Pass
			74	22.79	0.72	23.51	<=30	Pass
		36	0	21.98	0.72	22.70	<=30	Pass
			18	22.05	0.72	22.77	<=30	Pass
			39	22.06	0.72	22.78	<=30	Pass
		75	0	22.02	0.72	22.74	<=30	Pass
	1772.5	1	0	22.99	0.72	23.71	<=30	Pass
			38	23.16	0.72	23.88	<=30	Pass
			74	23.07	0.72	23.79	<=30	Pass
		36	0	22.12	0.72	22.84	<=30	Pass
			18	22.22	0.72	22.94	<=30	Pass
			39	22.29	0.72	23.01	<=30	Pass
		75	0	22.19	0.72	22.91	<=30	Pass
16QAM	1717.5	1	0	22.04	0.72	22.76	<=30	Pass
			38	22.14	0.72	22.86	<=30	Pass
			74	22.08	0.72	22.80	<=30	Pass
		36	0	21.03	0.72	21.75	<=30	Pass

			18	21.11	0.72	21.83	<=30	Pass
			39	21.08	0.72	21.80	<=30	Pass
		75	0	21.05	0.72	21.77	<=30	Pass
	1745	1	0	22.12	0.72	22.84	<=30	Pass
			38	22.14	0.72	22.86	<=30	Pass
			74	21.98	0.72	22.70	<=30	Pass
		36	0	21.03	0.72	21.75	<=30	Pass
			18	21.05	0.72	21.77	<=30	Pass
			39	21.06	0.72	21.78	<=30	Pass
		75	0	21.01	0.72	21.73	<=30	Pass
	1772.5	1	0	21.88	0.72	22.60	<=30	Pass
			38	22.05	0.72	22.77	<=30	Pass
			74	21.95	0.72	22.67	<=30	Pass
		36	0	21.09	0.72	21.81	<=30	Pass
			18	21.15	0.72	21.87	<=30	Pass
			39	21.21	0.72	21.93	<=30	Pass
		75	0	21.18	0.72	21.90	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.59	0.72	23.31	<=30	Pass
			50	23.04	0.72	23.76	<=30	Pass
			99	22.65	0.72	23.37	<=30	Pass
		50	0	21.93	0.72	22.65	<=30	Pass
			25	22.02	0.72	22.74	<=30	Pass
			50	22.01	0.72	22.73	<=30	Pass
		100	0	21.96	0.72	22.68	<=30	Pass
	1745	1	0	22.78	0.72	23.50	<=30	Pass
			50	23.04	0.72	23.76	<=30	Pass
			99	22.73	0.72	23.45	<=30	Pass
		50	0	21.94	0.72	22.66	<=30	Pass
			25	21.97	0.72	22.69	<=30	Pass
			50	21.98	0.72	22.70	<=30	Pass
		100	0	21.95	0.72	22.67	<=30	Pass
	1770	1	0	22.76	0.72	23.48	<=30	Pass
			50	23.23	0.72	23.95	<=30	Pass
			99	22.96	0.72	23.68	<=30	Pass
		50	0	22.13	0.72	22.85	<=30	Pass
			25	22.15	0.72	22.87	<=30	Pass
			50	22.15	0.72	22.87	<=30	Pass
		100	0	22.11	0.72	22.83	<=30	Pass
16QAM	1720	1	0	21.77	0.72	22.49	<=30	Pass
			50	22.16	0.72	22.88	<=30	Pass
			99	21.87	0.72	22.59	<=30	Pass
		50	0	21.03	0.72	21.75	<=30	Pass
			25	21.17	0.72	21.89	<=30	Pass
			50	21.16	0.72	21.88	<=30	Pass
		100	0	21.02	0.72	21.74	<=30	Pass
	1745	1	0	21.93	0.72	22.65	<=30	Pass
			50	22.17	0.72	22.89	<=30	Pass
			99	21.80	0.72	22.52	<=30	Pass
		50	0	20.97	0.72	21.69	<=30	Pass
			25	21.01	0.72	21.73	<=30	Pass
			50	21.01	0.72	21.73	<=30	Pass

		100	0	21.00	0.72	21.72	<=30	Pass
	1770	1	0	21.81	0.72	22.53	<=30	Pass
			50	22.29	0.72	23.01	<=30	Pass
			99	22.01	0.72	22.73	<=30	Pass
		50	0	21.19	0.72	21.91	<=30	Pass
			25	21.21	0.72	21.93	<=30	Pass
			50	21.21	0.72	21.93	<=30	Pass
		100	0	21.15	0.72	21.87	<=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	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	2.503	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				10	3.85	2.489	0.0015	-2.5 to 2.5	Pass
				30	3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0014	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-1.845	-0.0011	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
					4.43	4.649	0.0027	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-10.800	-0.0062	-2.5 to 2.5	Pass
				0	3.85	6.981	0.0040	-2.5 to 2.5	Pass
				10	3.85	-10.343	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-14.234	-0.0080	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0027	-2.5 to 2.5	Pass
					4.43	-11.716	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-9.212	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-10.357	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-7.024	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-10.314	-0.0058	-2.5 to 2.5	Pass
				10	3.85	2.618	0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-10.843	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-14.577	-0.0082	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-3.133	-0.0018	-2.5 to 2.5	Pass
					3.85	3.705	0.0022	-2.5 to 2.5	Pass
					4.43	1.559	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	4.277	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
				0	3.85	2.990	0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.601	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.631	-0.0010	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-0.844	-0.0005	-2.5 to 2.5	Pass
					3.85	3.047	0.0017	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass

				0	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-16.022	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-8.998	-0.0052	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0000	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-11.058	-0.0062	-2.5 to 2.5	Pass
					3.85	-7.982	-0.0045	-2.5 to 2.5	Pass
					4.43	2.418	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-12.188	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-14.935	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-12.832	-0.0072	-2.5 to 2.5	Pass
				50	3.85	0.629	0.0004	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-10.886	-0.0064	-2.5 to 2.5	Pass
					3.85	-13.375	-0.0078	-2.5 to 2.5	Pass
					4.43	-10.314	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-8.097	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-12.445	-0.0073	-2.5 to 2.5	Pass
				0	3.85	3.047	0.0018	-2.5 to 2.5	Pass
				10	3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
				30	3.85	3.190	0.0019	-2.5 to 2.5	Pass
				40	3.85	-8.969	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-11.272	-0.0066	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-10.028	-0.0057	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
					4.43	5.636	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.792	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	6.380	0.0037	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				10	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	-9.670	-0.0055	-2.5 to 2.5	Pass
				50	3.85	1.130	0.0006	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.85	-18.611	-0.0105	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-11.830	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-6.795	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-11.759	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.580	-0.0037	-2.5 to 2.5	Pass
				50	3.85	3.819	0.0021	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	3.176	0.0019	-2.5 to 2.5	Pass
					3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
					4.43	4.821	0.0028	-2.5 to 2.5	Pass

				-30	3.85	-1.802	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-10.858	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				40	3.85	-9.327	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-10.142	-0.0058	-2.5 to 2.5	Pass
					3.85	4.807	0.0028	-2.5 to 2.5	Pass
					4.43	3.963	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-11.330	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.85	-12.760	-0.0072	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-10.185	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-12.846	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-8.912	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-12.045	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-13.218	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-13.032	-0.0073	-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	-1.459	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-12.960	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-12.231	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	1.531	0.0009	-2.5 to 2.5	Pass
					3.85	6.180	0.0035	-2.5 to 2.5	Pass
					4.43	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-9.284	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-9.713	-0.0056	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	-11.115	-0.0063	-2.5 to 2.5	Pass
					3.85	-11.687	-0.0066	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.123	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-5.364	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-13.032	-0.0076	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
					4.43	1.860	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-12.016	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-8.755	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-11.601	-0.0068	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-6.509	-0.0037	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	6.380	0.0037	-2.5 to 2.5	Pass
				-20	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-13.661	-0.0078	-2.5 to 2.5	Pass
				40	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0010	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-3.433	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-11.559	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-8.812	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-7.567	-0.0043	-2.5 to 2.5	Pass
				30	3.85	10.629	0.0060	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.831	-0.0010	-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	-11.716	-0.0068	-2.5 to 2.5	Pass
					3.85	0.973	0.0006	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-10.214	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0035	-2.5 to 2.5	Pass

				30	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.751	-0.0034	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-1.802	-0.0010	-2.5 to 2.5	Pass
					3.85	-9.627	-0.0055	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-9.370	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-12.302	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.640	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-8.740	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.247	-0.0018	-2.5 to 2.5	Pass
					3.85	-6.752	-0.0038	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.933	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-8.340	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-9.212	-0.0052	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-14.877	-0.0087	-2.5 to 2.5	Pass
					3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-10.872	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-10.886	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-11.859	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-7.968	-0.0046	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-13.819	-0.0079	-2.5 to 2.5	Pass
					3.85	2.947	0.0017	-2.5 to 2.5	Pass
					4.43	-12.760	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.153	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-2.003	-0.0011	-2.5 to 2.5	Pass
					3.85	2.189	0.0012	-2.5 to 2.5	Pass
					4.43	4.034	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-8.354	-0.0047	-2.5 to 2.5	Pass
				40	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				50	3.85	-8.039	-0.0045	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-2.832	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.705	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.622	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-8.340	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-5.779	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-9.542	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-9.384	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-7.968	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-0.715	-0.0004	-2.5 to 2.5	Pass
					3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.117	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-11.358	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-9.770	-0.0055	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-7.696	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0019	-2.5 to 2.5	Pass
					4.43	-8.082	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-3.104	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
					4.43	-9.642	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.27	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	1.602	0.0009	-2.5 to 2.5	Pass
					4.43	-4.821	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-6.108	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-3.934	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-10.014	-0.0058	-2.5 to 2.5	Pass
					3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
					4.43	-8.769	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-14.462	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.982	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-7.138	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-7.195	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-6.638	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.546	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-11.730	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-8.726	-0.0049	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-9.899	-0.0058	-2.5 to 2.5	Pass
					3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
					4.43	-8.526	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass

				30	3.85	-8.283	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.266	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				30	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-2.160	-0.0012	-2.5 to 2.5	Pass
					3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
					4.43	4.978	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				10	3.85	3.791	0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0011	-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

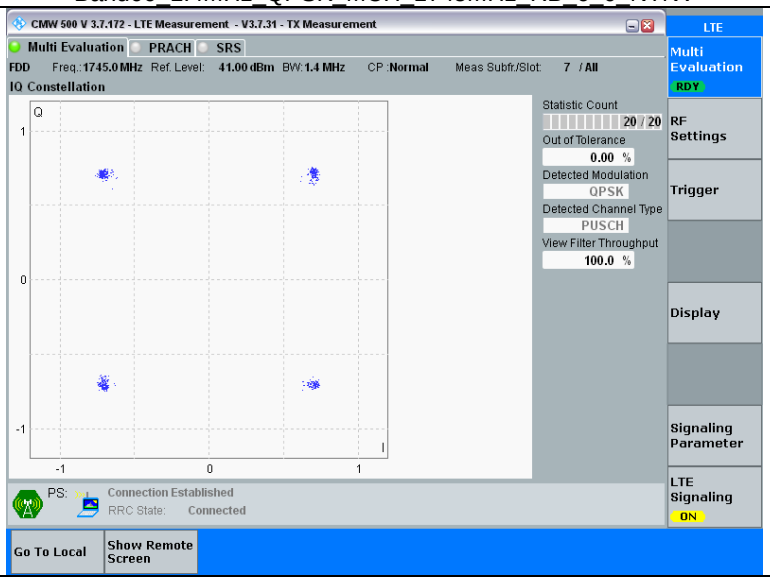
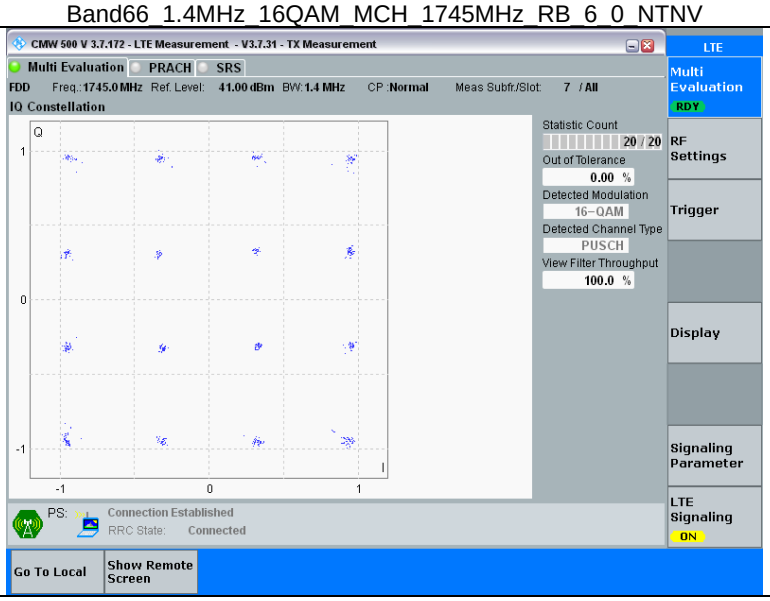
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

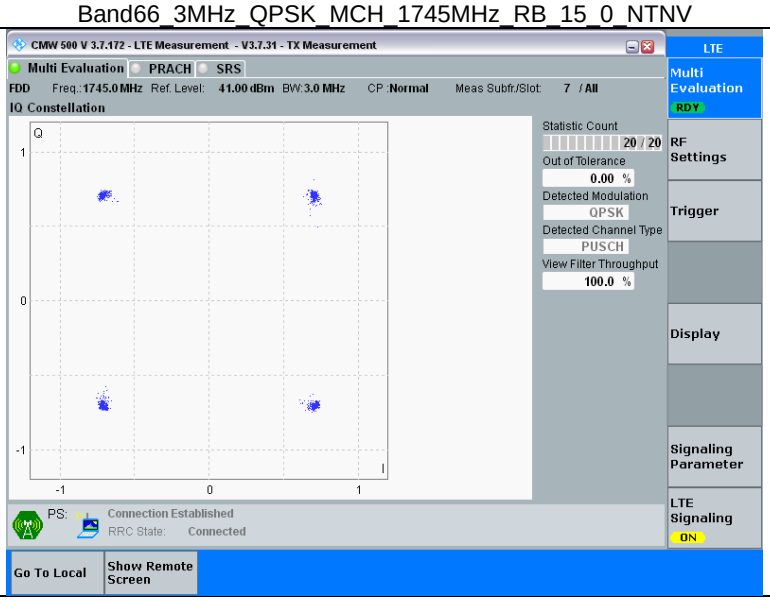
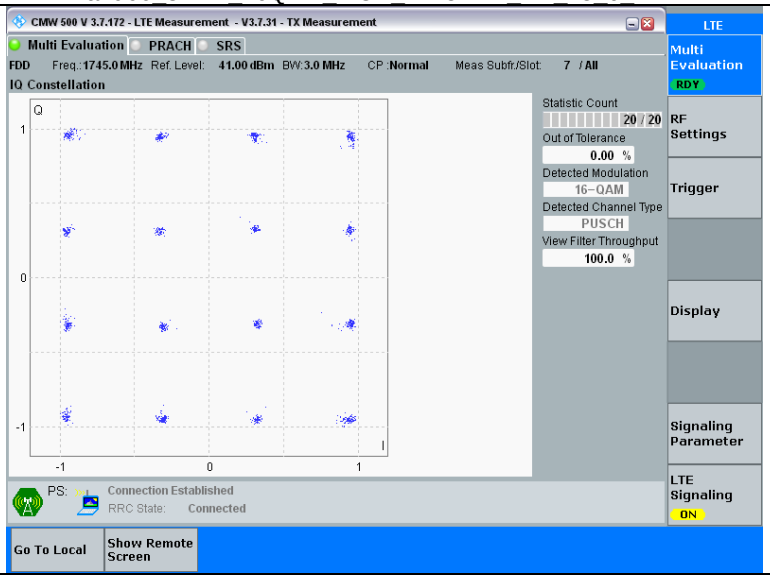
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

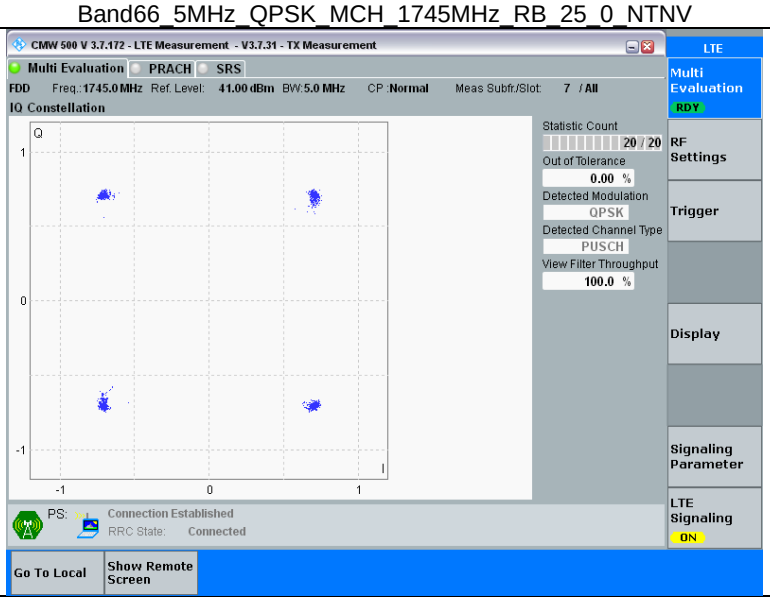
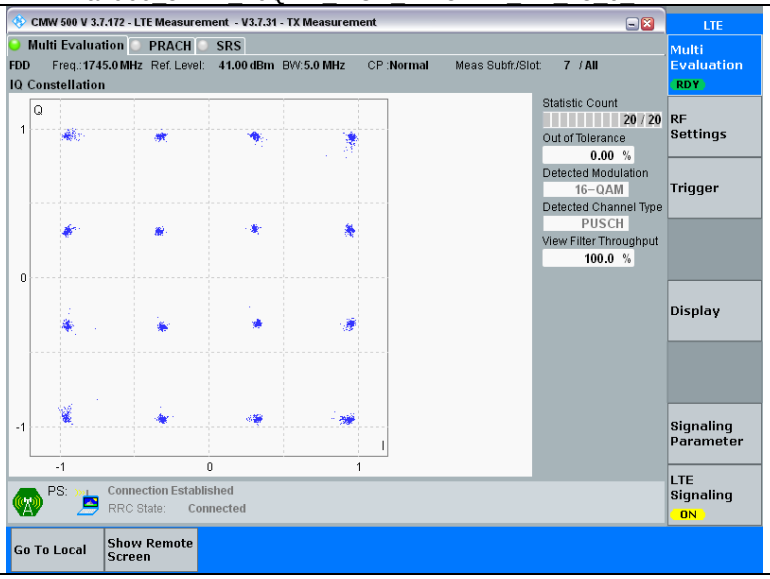
3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV


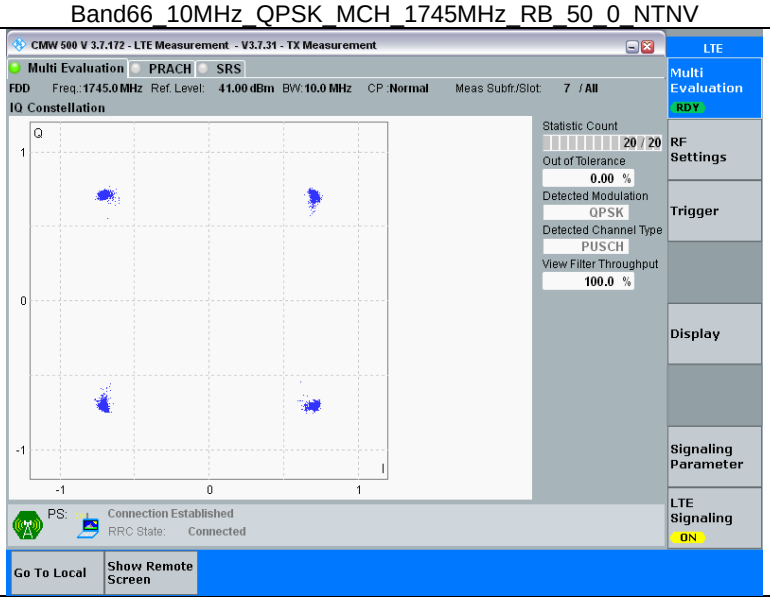
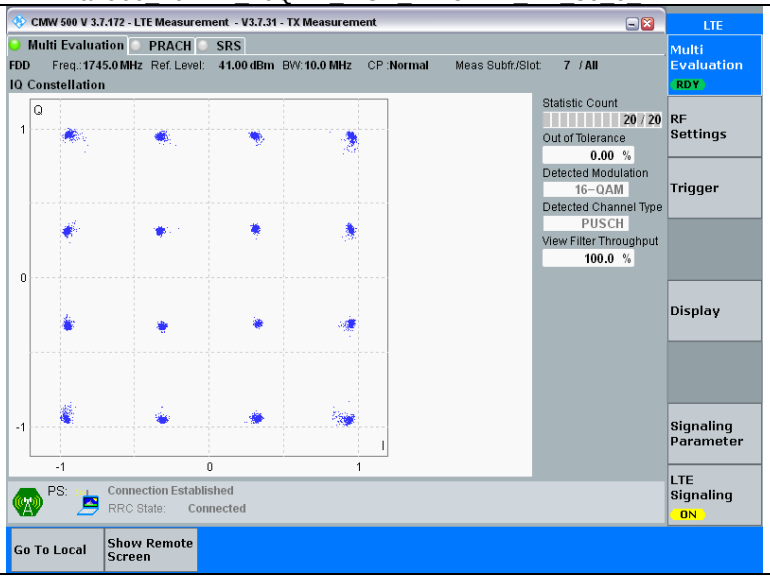
3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV


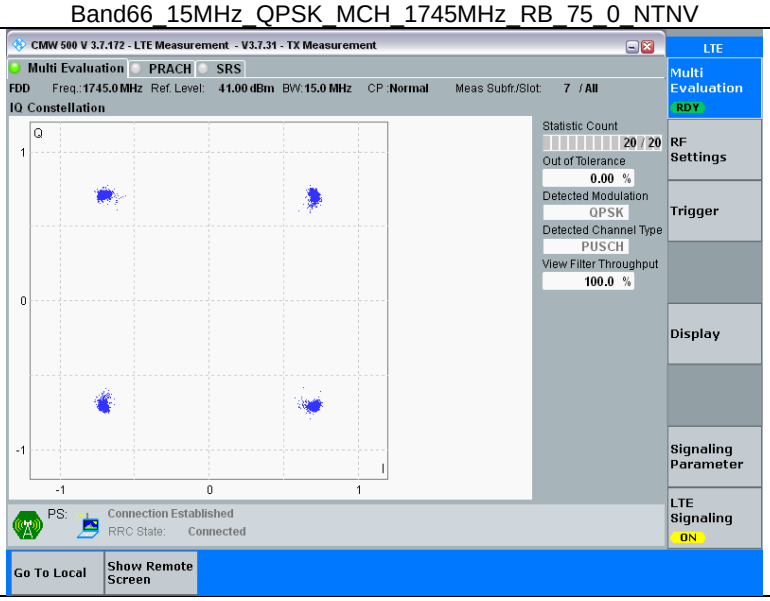
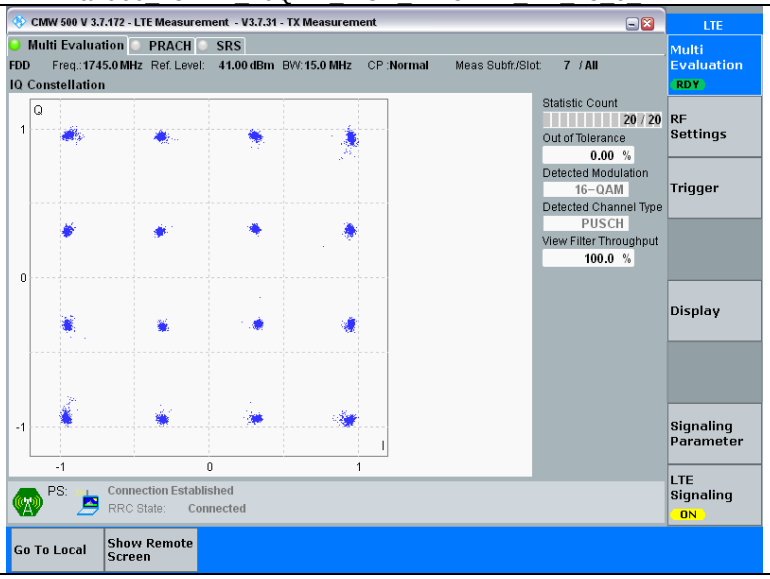
3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV


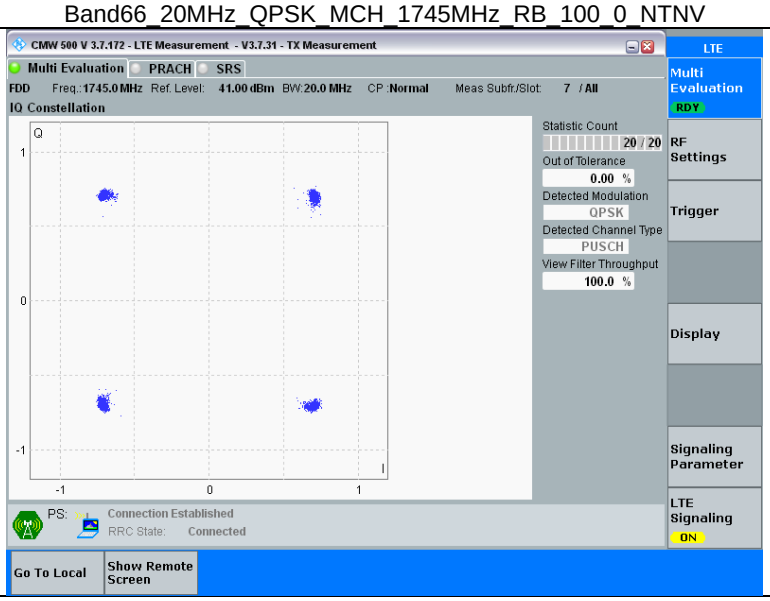
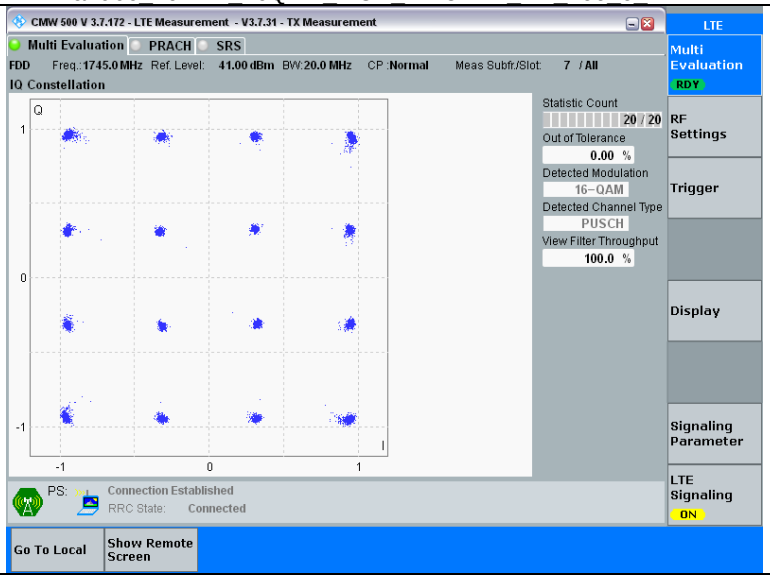
3.2.4 B66_10MHz

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	1.110	/	Pass
		1779.3	6	0	1.122	/	Pass
	16QAM	1710.7	6	0	1.104	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.728	/	Pass
	16QAM	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.724	/	Pass
		1778.5	15	0	2.728	/	Pass
5	QPSK	1712.5	25	0	4.584	/	Pass
		1745	25	0	4.569	/	Pass
		1777.5	25	0	4.588	/	Pass
	16QAM	1712.5	25	0	4.584	/	Pass
		1745	25	0	4.591	/	Pass
		1777.5	25	0	4.571	/	Pass
10	QPSK	1715	50	0	9.090	/	Pass
		1745	50	0	9.086	/	Pass
		1775	50	0	9.056	/	Pass
	16QAM	1715	50	0	9.094	/	Pass
		1745	50	0	9.113	/	Pass
		1775	50	0	9.100	/	Pass
15	QPSK	1717.5	75	0	13.694	/	Pass
		1745	75	0	13.606	/	Pass
		1772.5	75	0	13.623	/	Pass
	16QAM	1717.5	75	0	13.620	/	Pass
		1745	75	0	13.657	/	Pass
		1772.5	75	0	13.662	/	Pass
20	QPSK	1720	100	0	18.172	/	Pass
		1745	100	0	18.151	/	Pass
		1770	100	0	18.114	/	Pass
	16QAM	1720	100	0	18.124	/	Pass
		1745	100	0	18.160	/	Pass
		1770	100	0	18.155	/	Pass

4.1.2 Band66_XDB

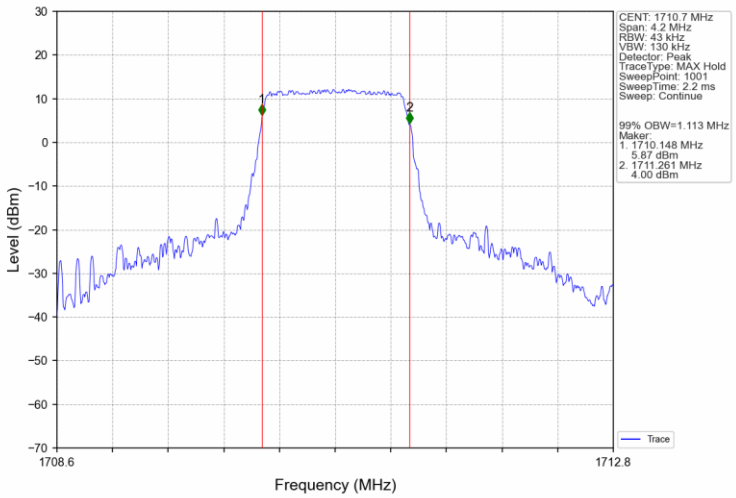
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.318	/	Pass
		1745	6	0	1.348	/	Pass
		1779.3	6	0	1.307	/	Pass
	16QAM	1710.7	6	0	1.294	/	Pass
		1745	6	0	1.328	/	Pass
		1779.3	6	0	1.312	/	Pass
3	QPSK	1711.5	15	0	2.995	/	Pass

		1745	15	0	2.989	/	Pass
		1778.5	15	0	2.984	/	Pass
	16QAM	1711.5	15	0	2.982	/	Pass
		1745	15	0	3.000	/	Pass
		1778.5	15	0	2.987	/	Pass
5	QPSK	1712.5	25	0	6.336	/	Pass
		1745	25	0	5.263	/	Pass
		1777.5	25	0	5.189	/	Pass
	16QAM	1712.5	25	0	5.584	/	Pass
		1745	25	0	5.263	/	Pass
		1777.5	25	0	5.284	/	Pass
10	QPSK	1715	50	0	12.104	/	Pass
		1745	50	0	10.436	/	Pass
		1775	50	0	10.324	/	Pass
	16QAM	1715	50	0	13.132	/	Pass
		1745	50	0	10.234	/	Pass
		1775	50	0	10.258	/	Pass
15	QPSK	1717.5	75	0	21.586	/	Pass
		1745	75	0	15.298	/	Pass
		1772.5	75	0	15.456	/	Pass
	16QAM	1717.5	75	0	15.964	/	Pass
		1745	75	0	15.397	/	Pass
		1772.5	75	0	15.347	/	Pass
20	QPSK	1720	100	0	32.066	/	Pass
		1745	100	0	20.292	/	Pass
		1770	100	0	20.224	/	Pass
	16QAM	1720	100	0	20.180	/	Pass
		1745	100	0	20.070	/	Pass
		1770	100	0	20.184	/	Pass

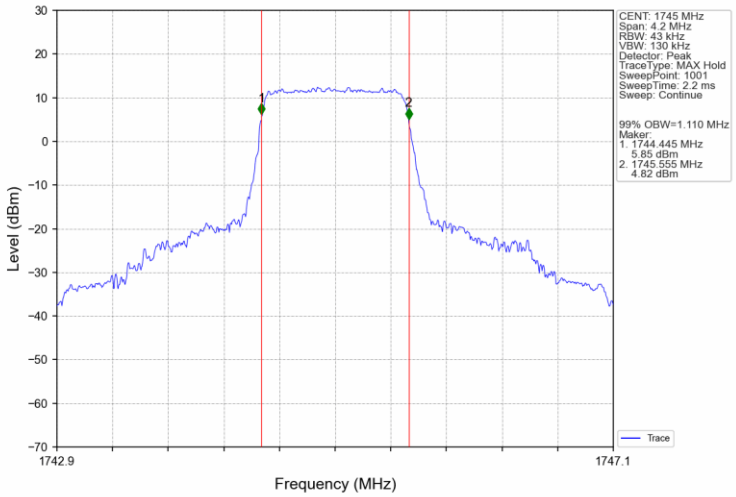
4.2 Test Graph

4.2.1 Band66_OBW

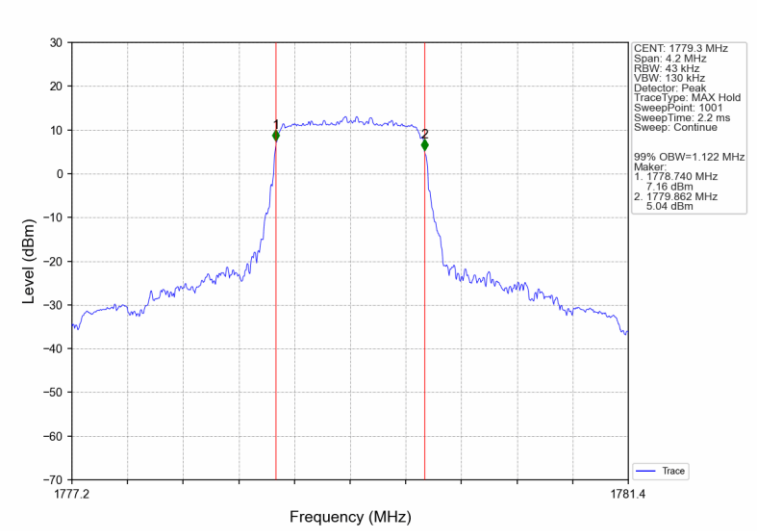
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



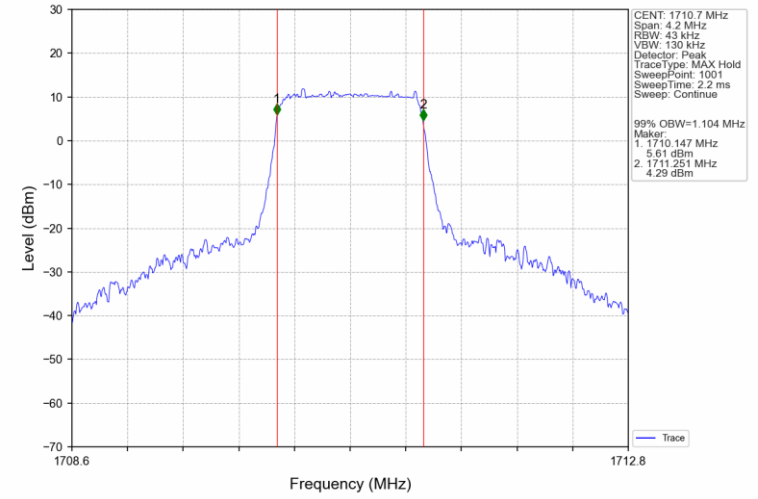
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



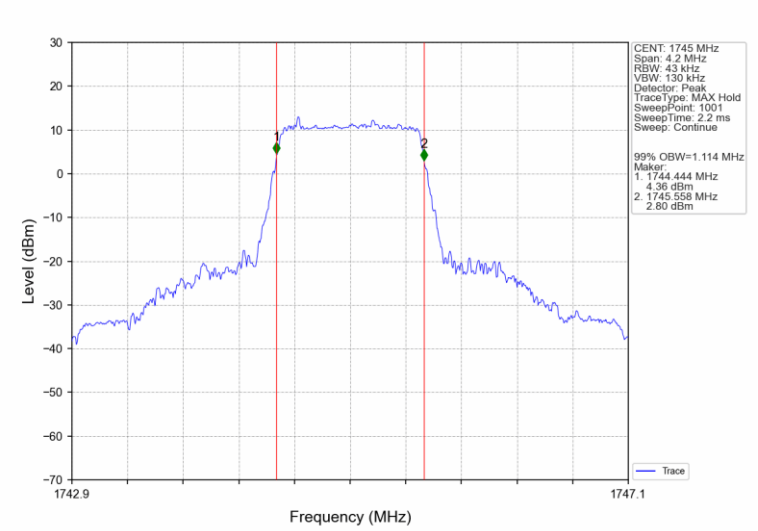
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



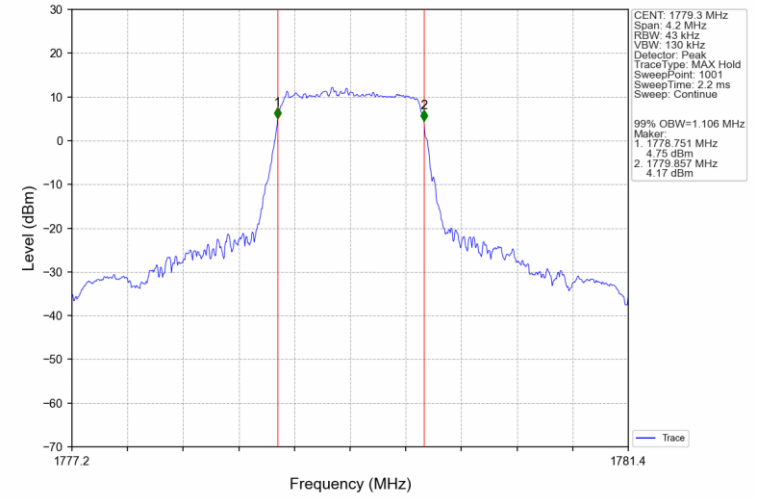
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



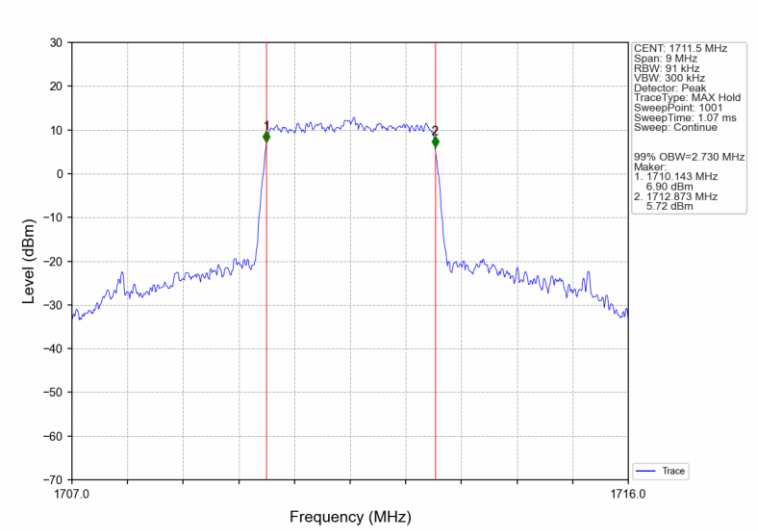
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



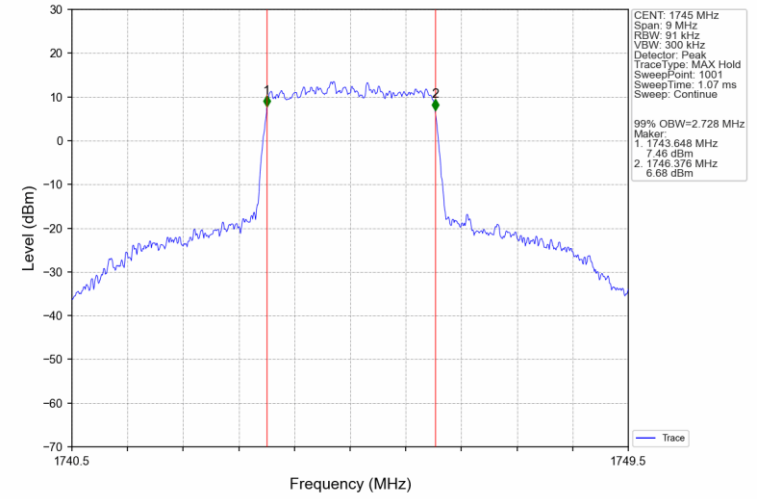
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



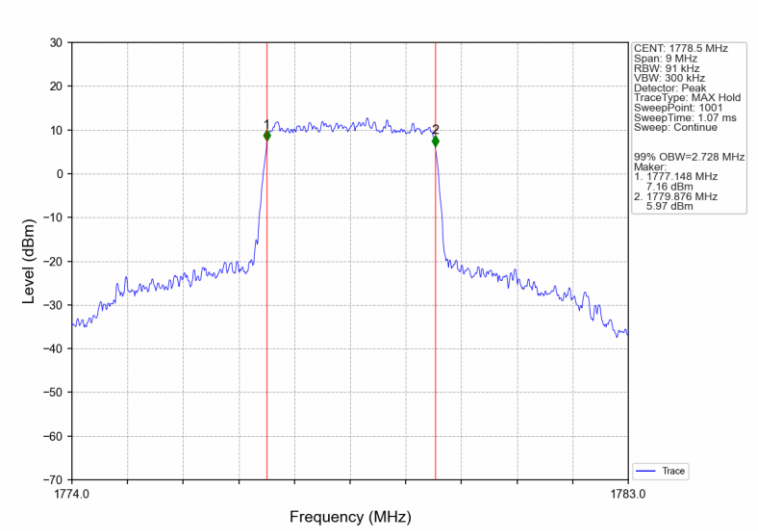
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



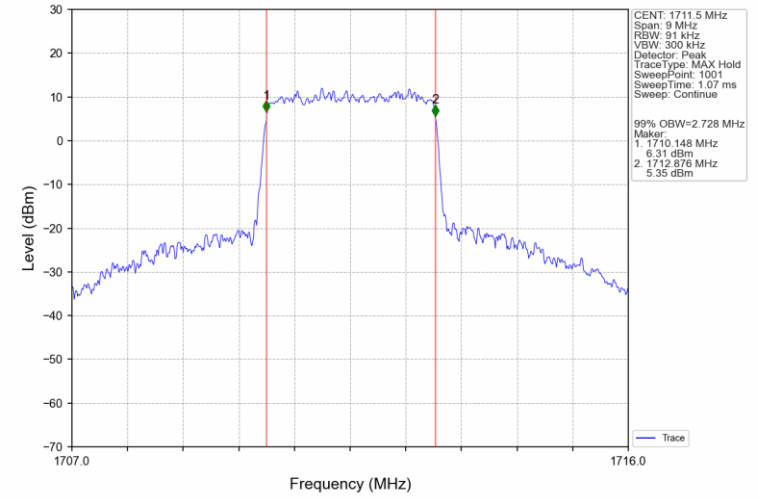
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



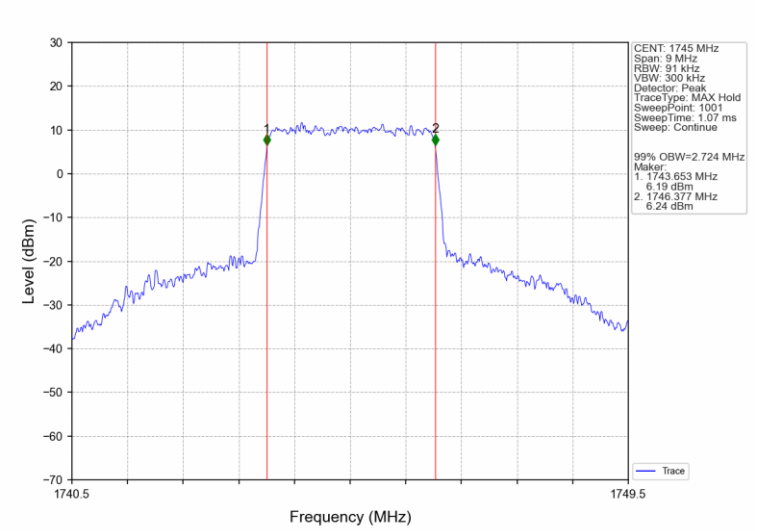
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



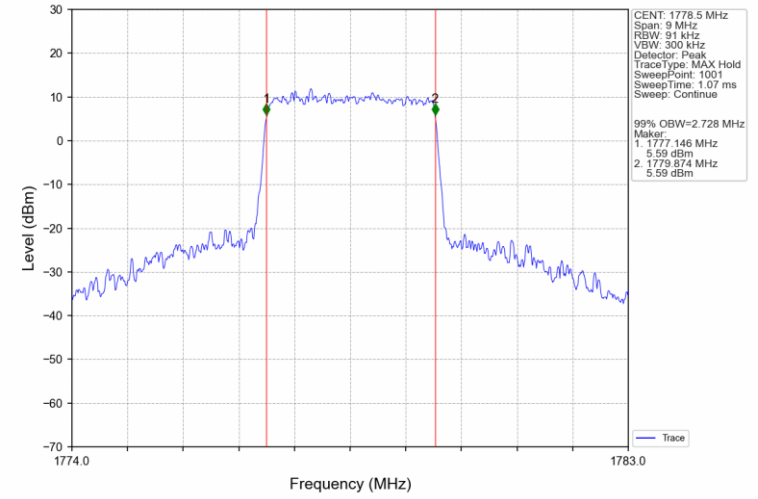
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



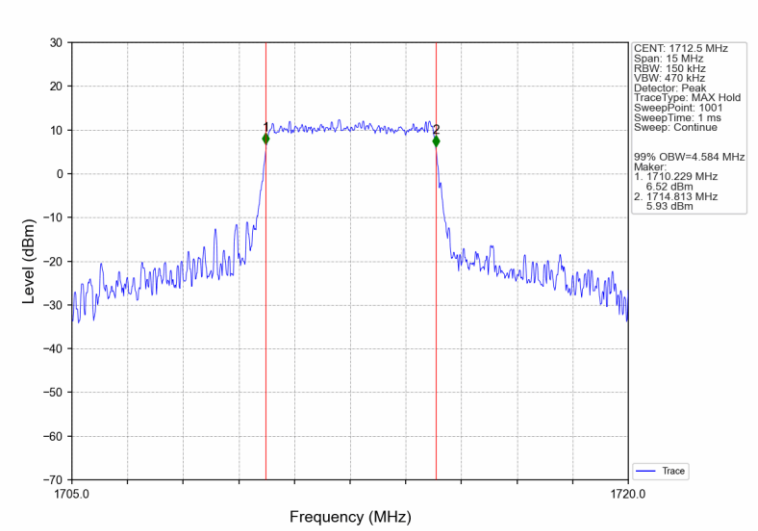
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



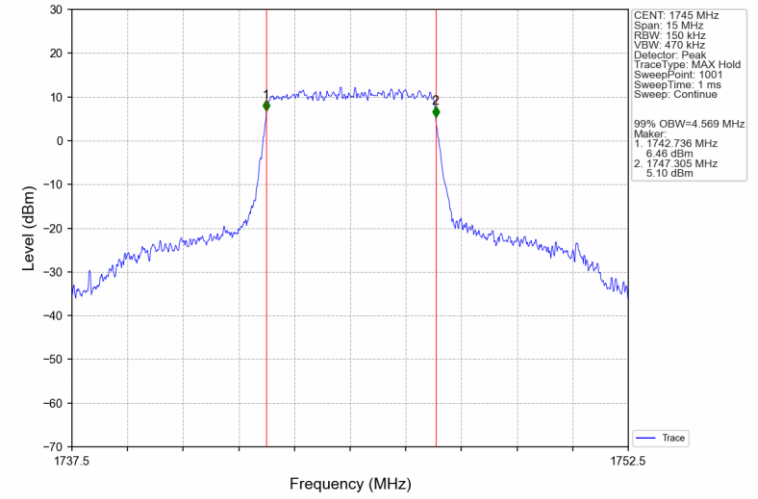
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



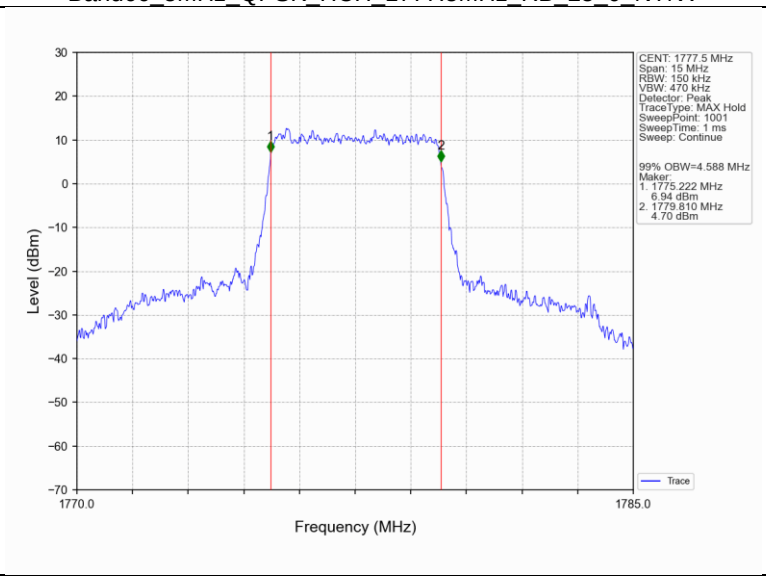
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



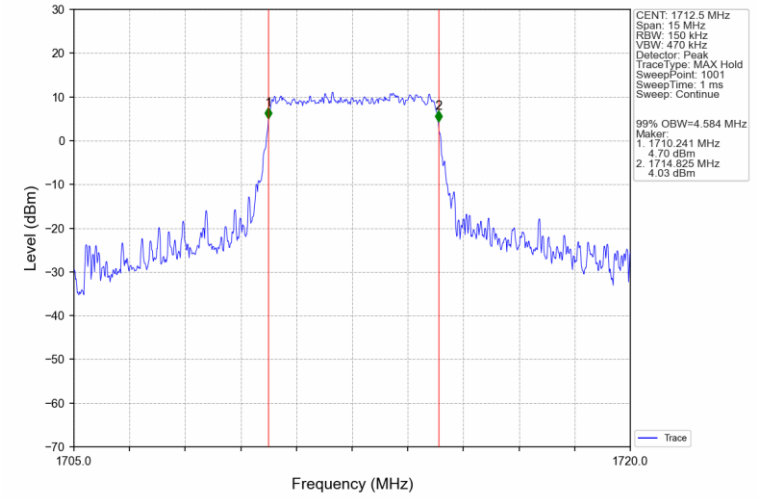
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



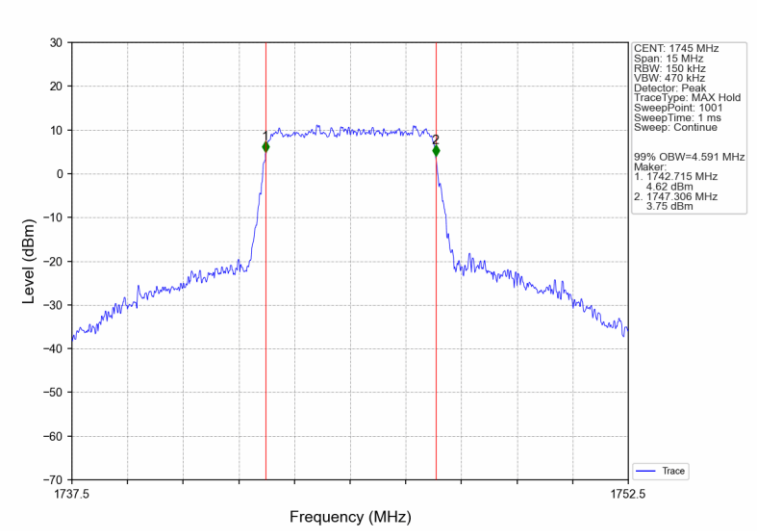
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



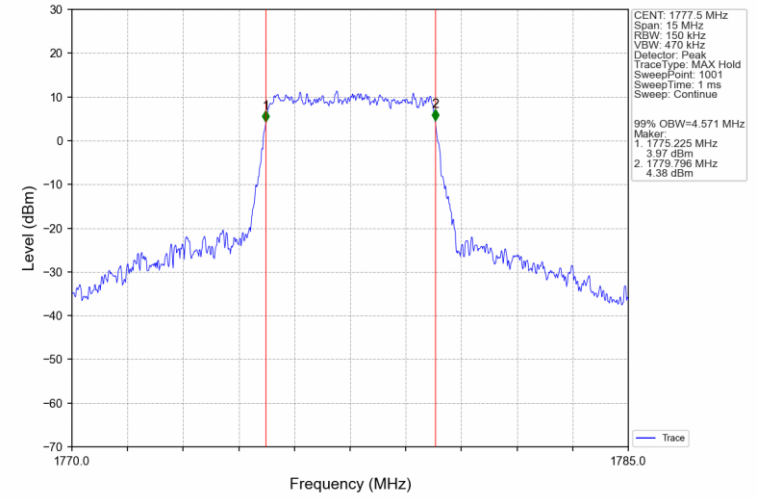
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



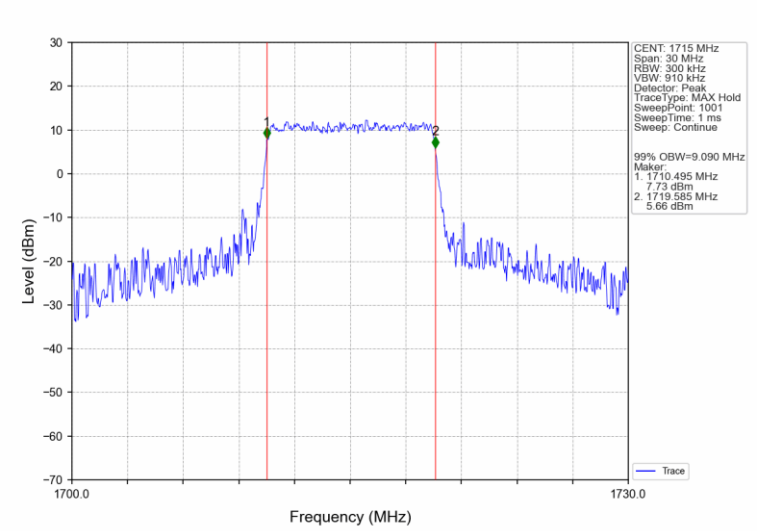
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



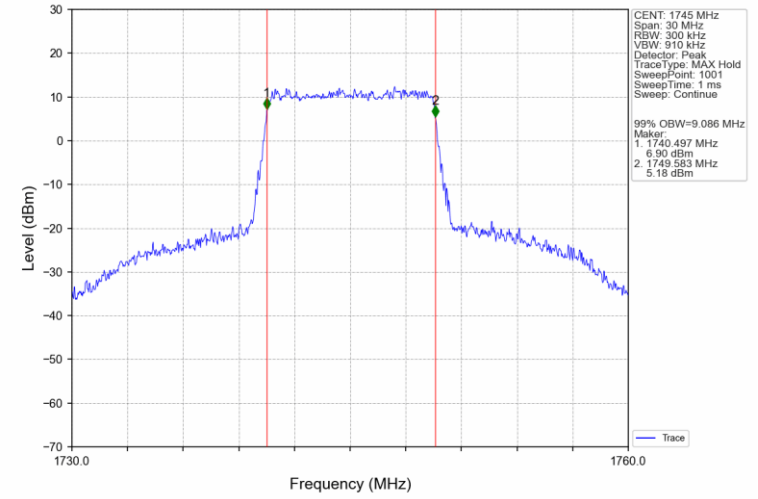
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



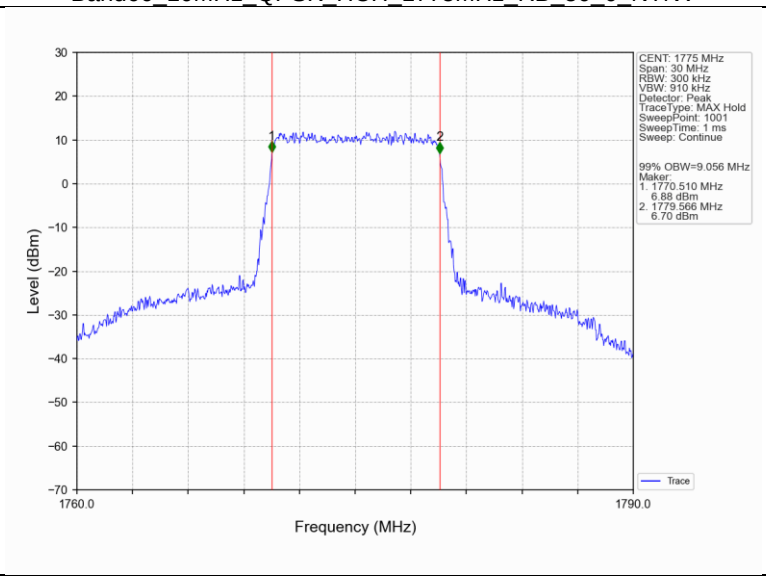
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



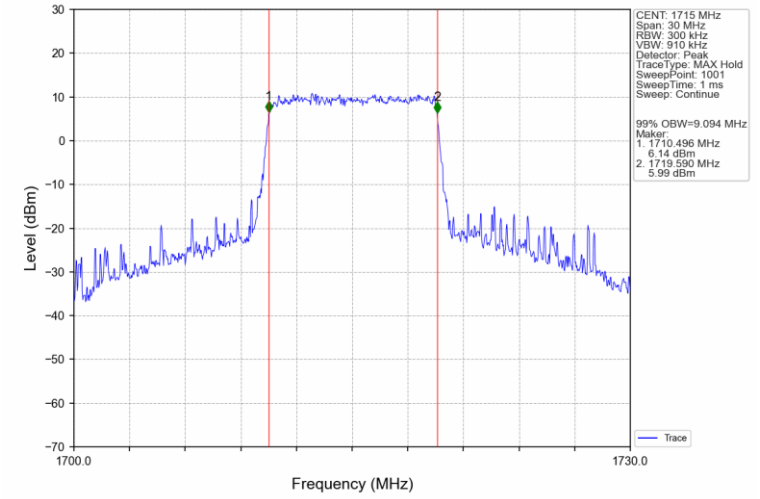
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



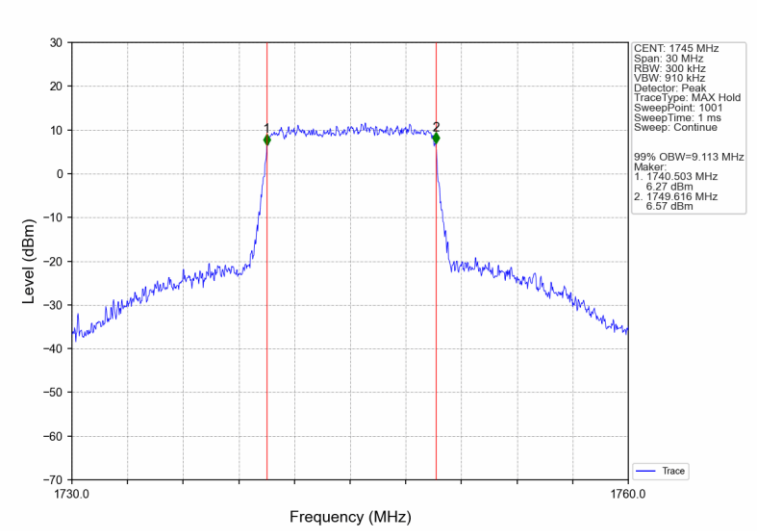
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



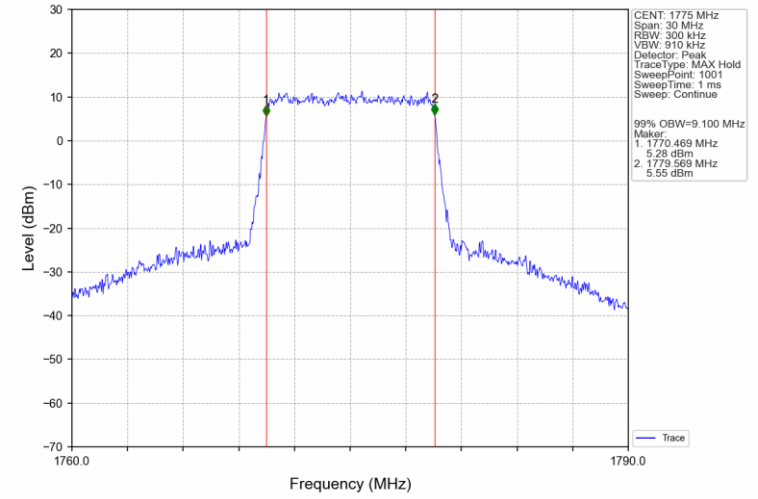
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



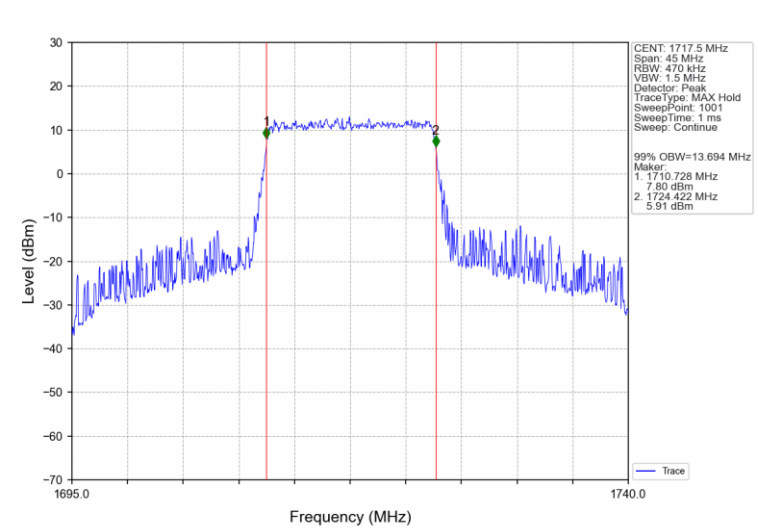
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



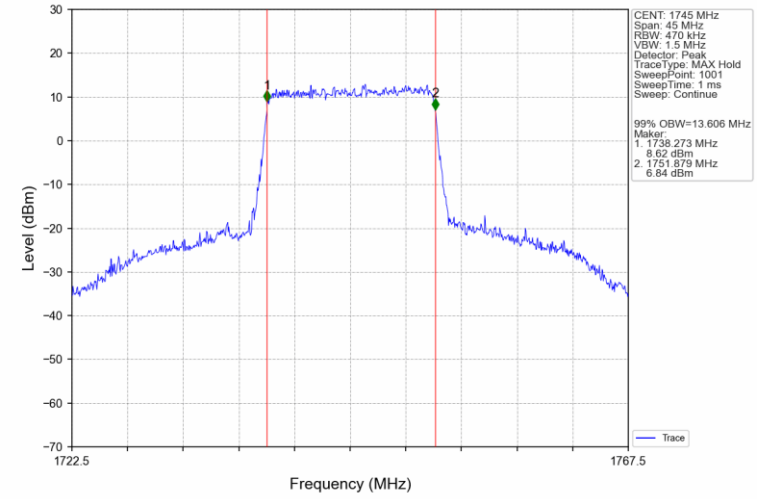
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



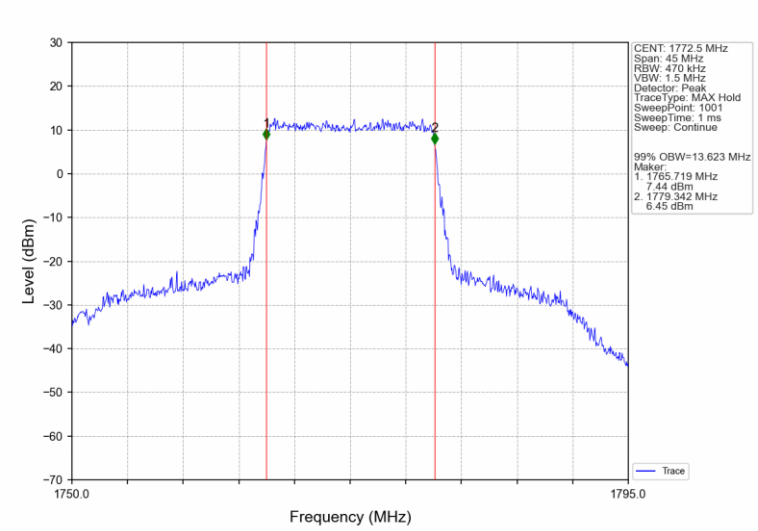
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



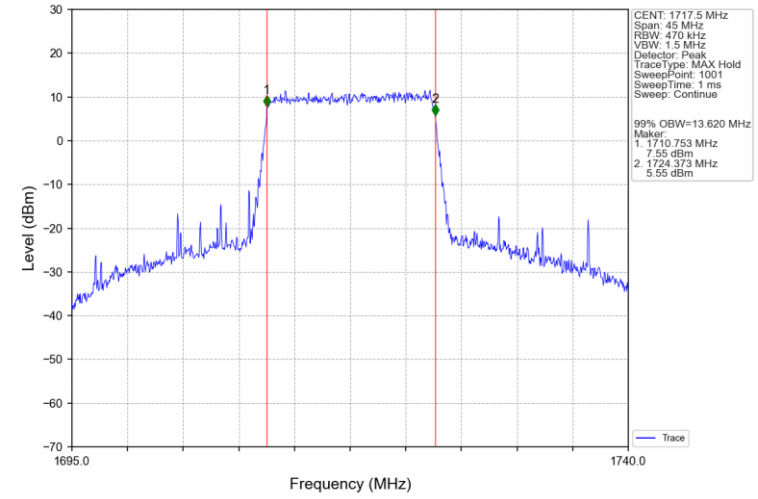
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



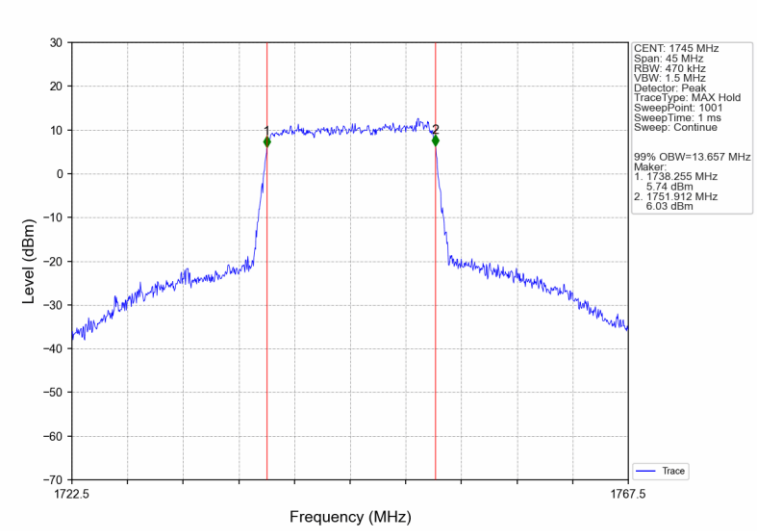
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



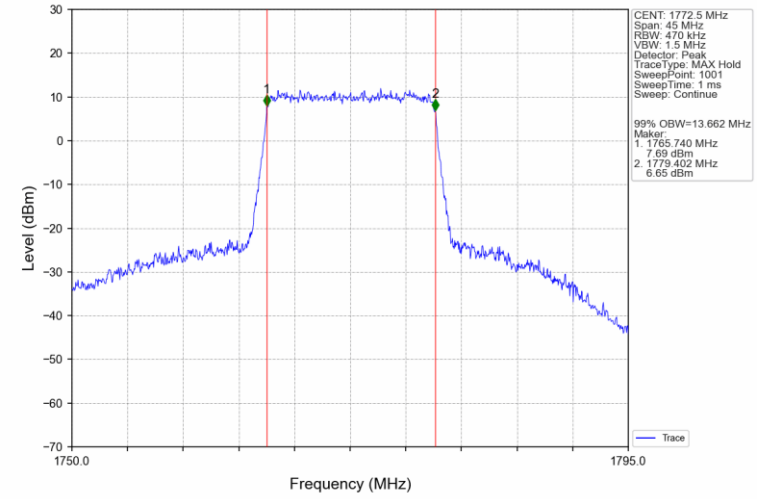
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



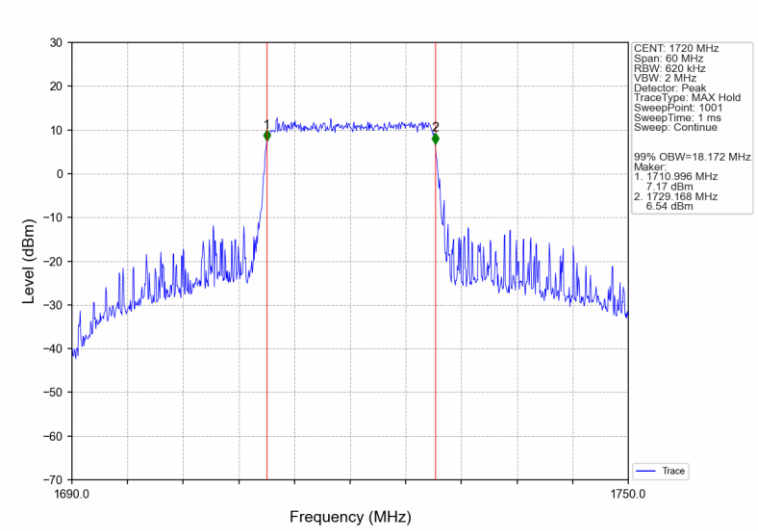
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



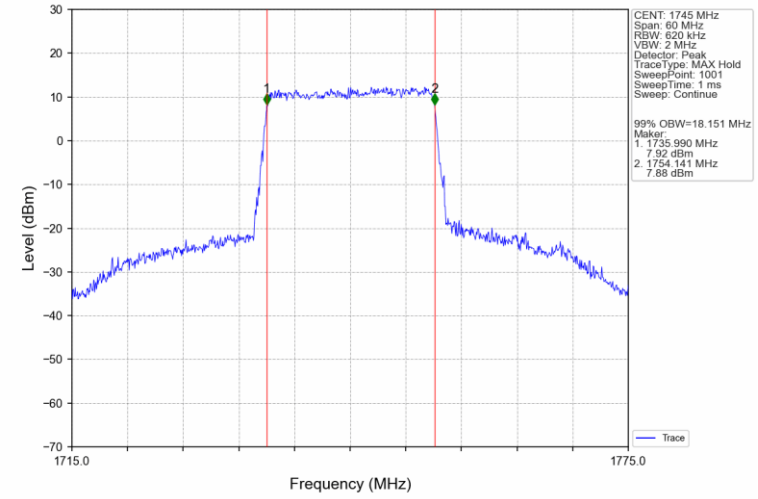
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



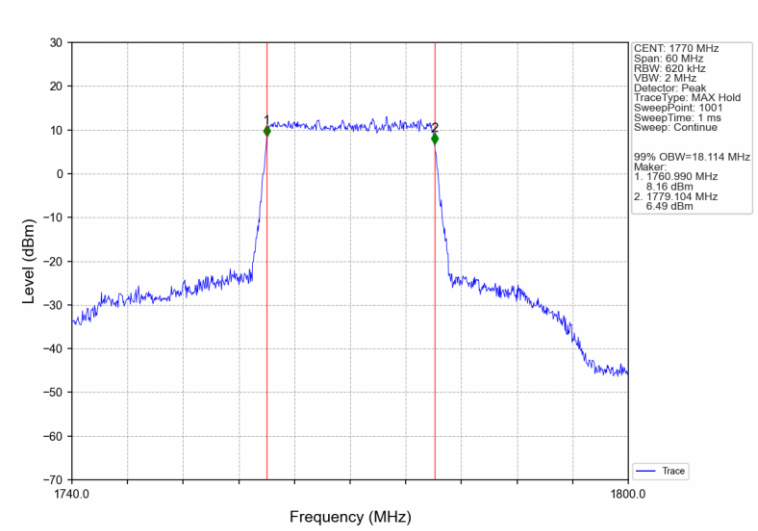
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



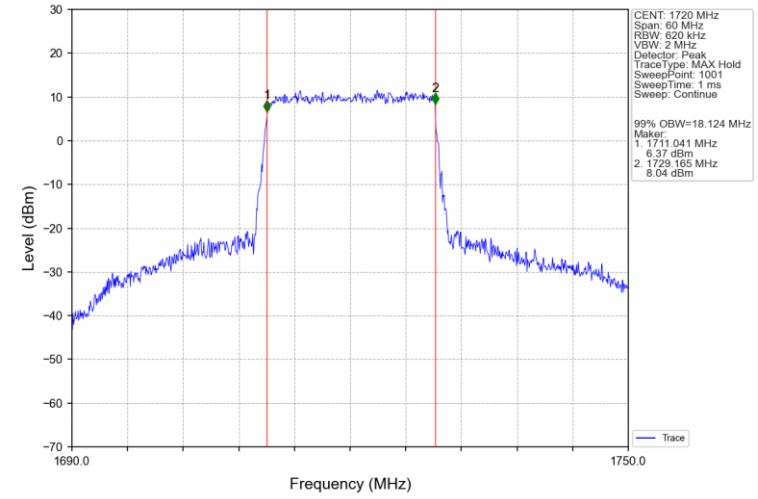
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

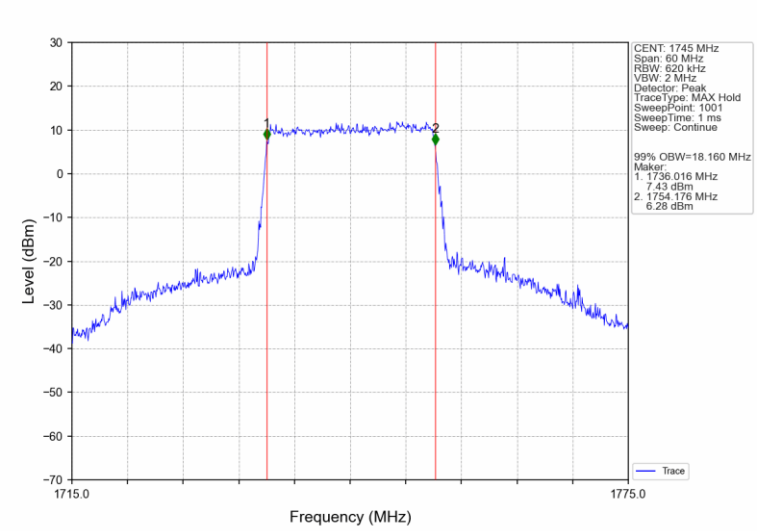
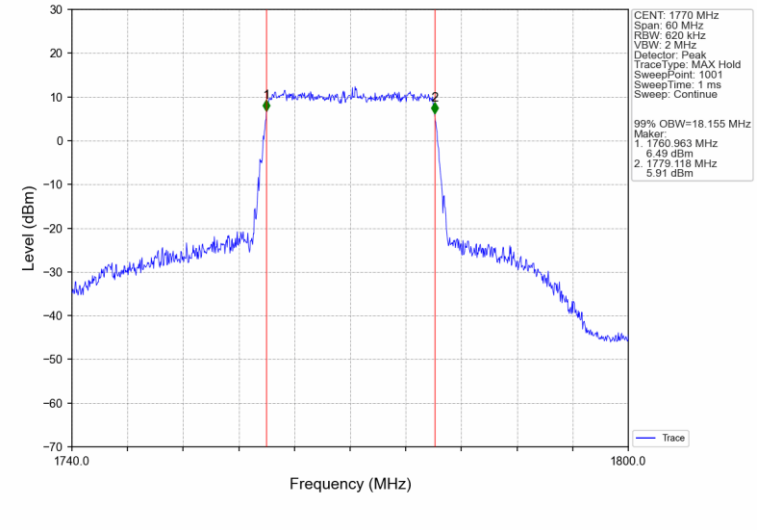


Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



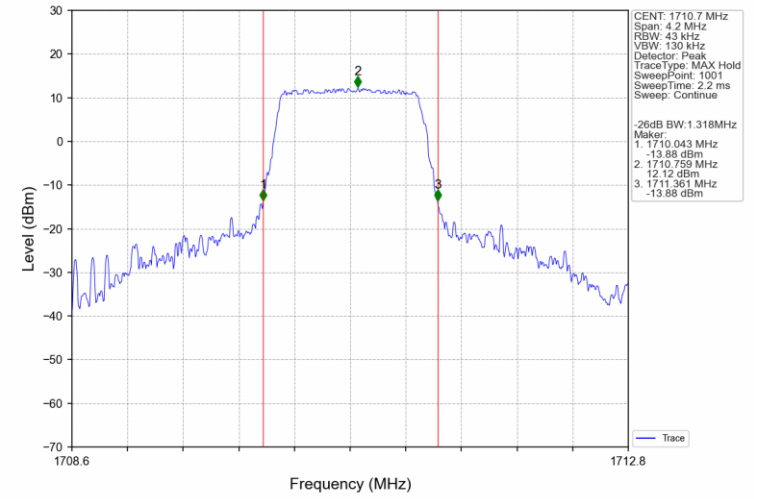
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



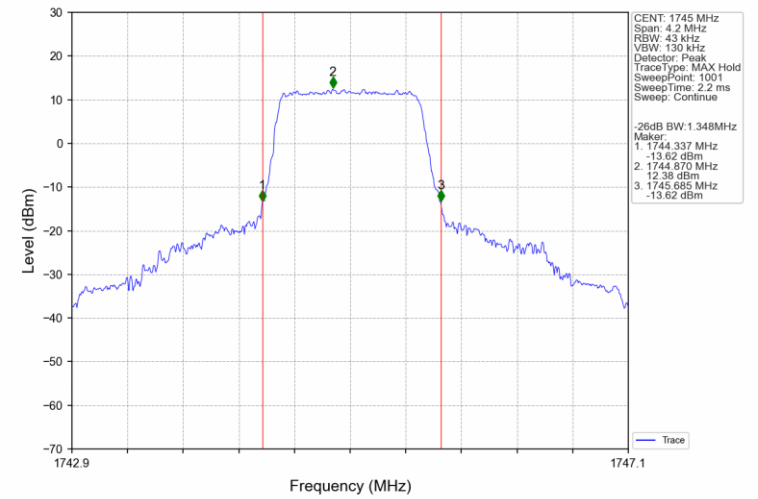
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV


4.2.2 Band66_XDB

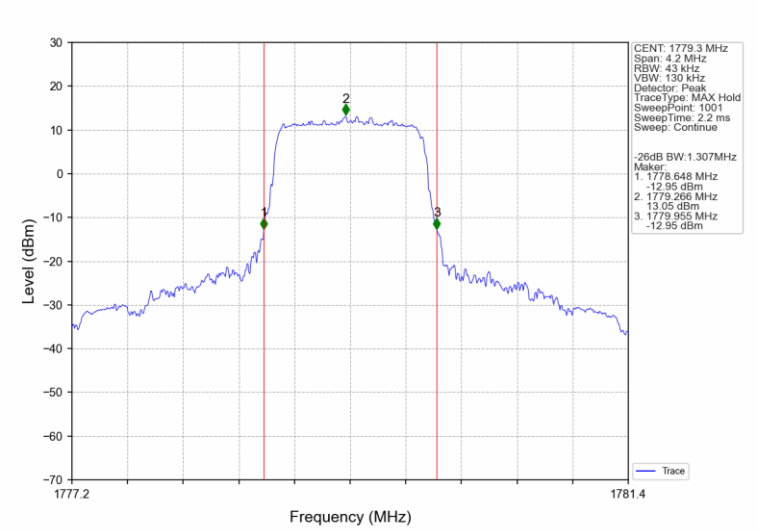
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



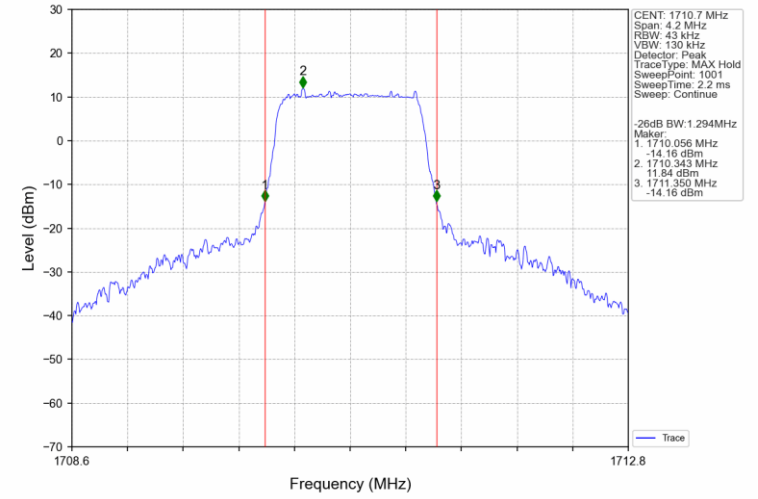
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



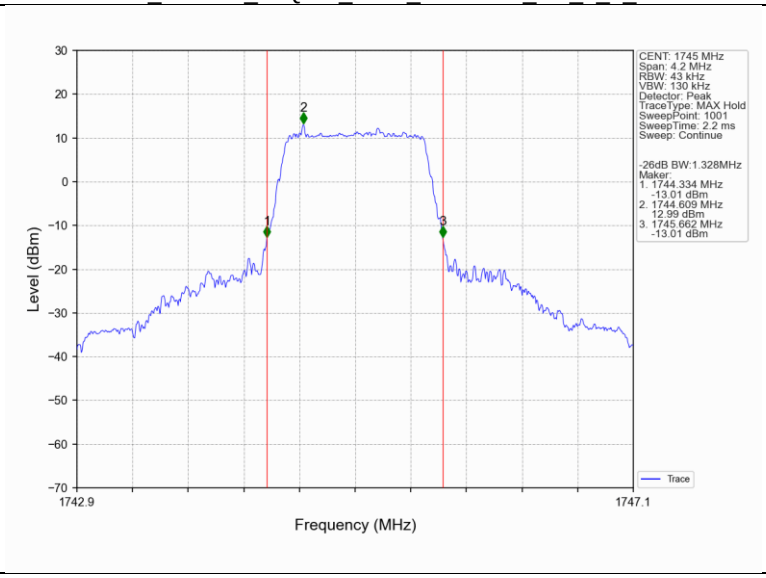
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



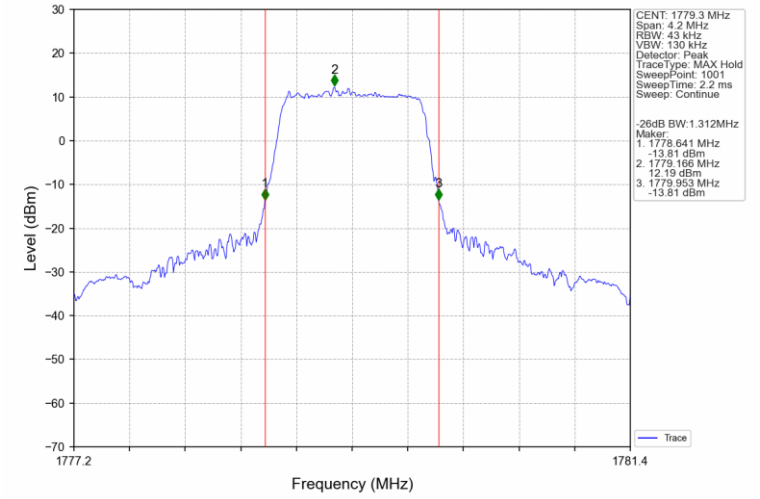
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



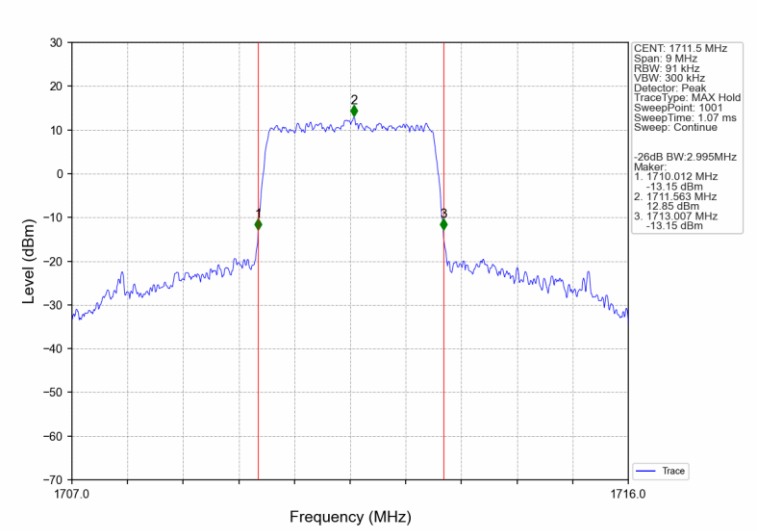
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



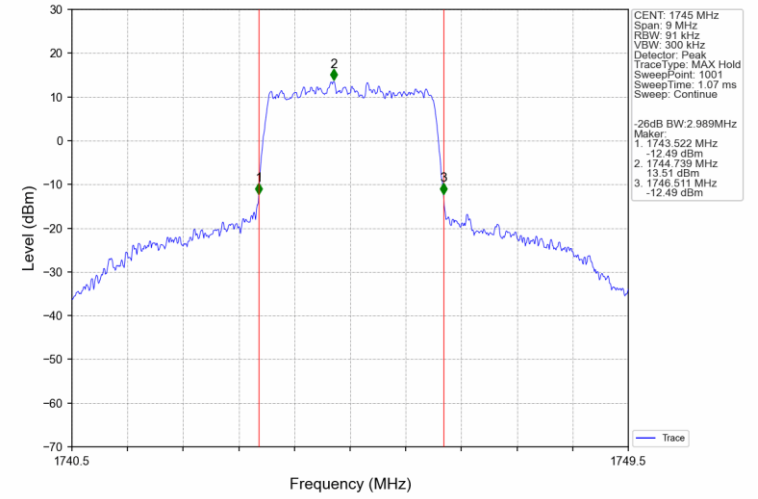
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



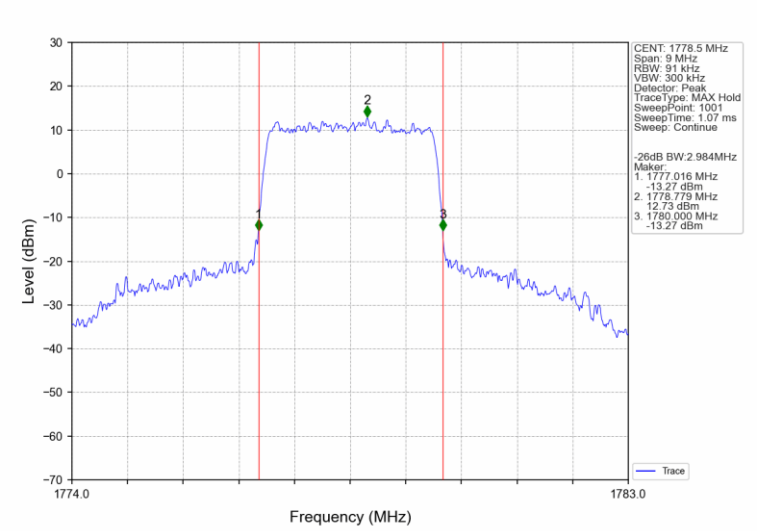
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



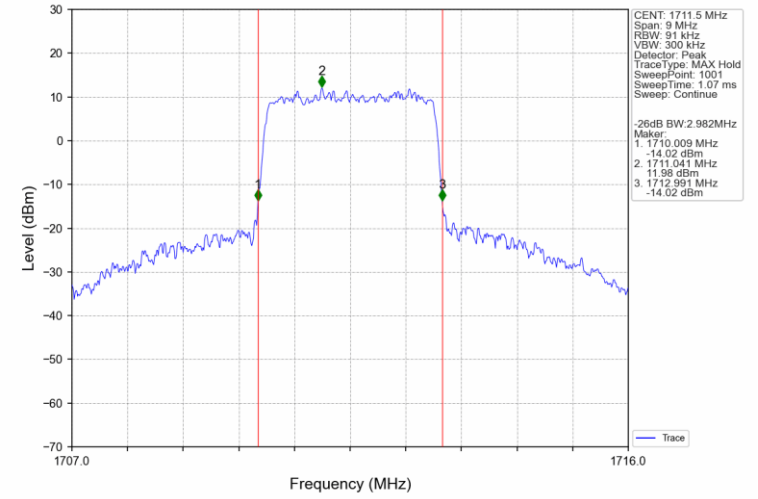
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



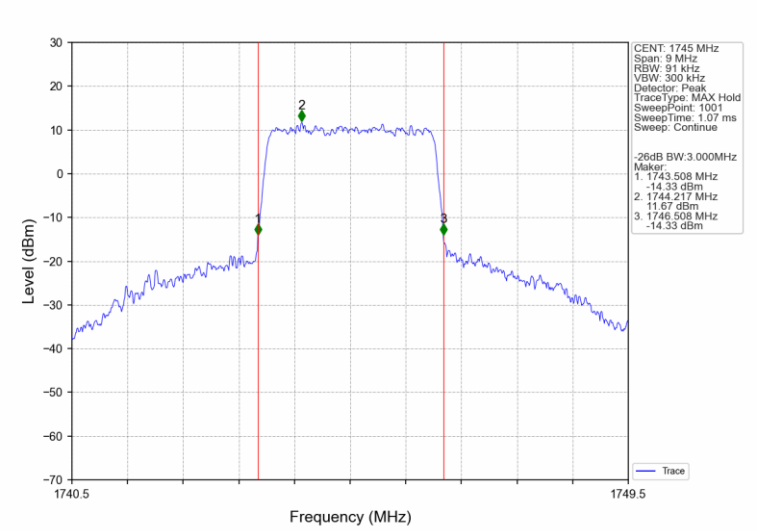
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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