1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.31	-2.47	20.84	<=30	Pass
			2	23.35	-2.47	20.88	<=30	Pass
			5	23.36	-2.47	20.89	<=30	Pass
		3	0	23.45	-2.47	20.98	<=30	Pass
			2	23.39	-2.47	20.92	<=30	Pass
			3	23.41	-2.47	20.94	<=30	Pass
		6	0	22.35	-2.47	19.88	<=30	Pass
	1745	1	0	22.96	-2.47	20.49	<=30	Pass
			2	23.16	-2.47	20.69	<=30	Pass
			5	23.00	-2.47	20.53	<=30	Pass
		3	0	23.04	-2.47	20.57	<=30	Pass
			2	23.10	-2.47	20.63	<=30	Pass
			3	23.06	-2.47	20.59	<=30	Pass
		6	0	22.08	-2.47	19.61	<=30	Pass
	1779.3	1	0	23.20	-2.47	20.73	<=30	Pass
			2	23.26	-2.47	20.79	<=30	Pass
			5	23.27	-2.47	20.80	<=30	Pass
		3	0	23.30	-2.47	20.83	<=30	Pass
			2	23.29	-2.47	20.82	<=30	Pass
			3	23.20	-2.47	20.73	<=30	Pass
		6	0	22.20	-2.47	19.73	<=30	Pass
16QAM	1710.7	1	0	22.09	-2.47	19.62	<=30	Pass
			2	22.08	-2.47	19.61	<=30	Pass
			5	22.06	-2.47	19.59	<=30	Pass
		3	0	22.61	-2.47	20.14	<=30	Pass
			2	22.28	-2.47	19.81	<=30	Pass
			3	22.32	-2.47	19.85	<=30	Pass
		6	0	21.58	-2.47	19.11	<=30	Pass
	1745	1	0	22.30	-2.47	19.83	<=30	Pass
			2	22.25	-2.47	19.78	<=30	Pass
			5	22.27	-2.47	19.80	<=30	Pass
		3	0	21.92	-2.47	19.45	<=30	Pass
			2	21.95	-2.47	19.48	<=30	Pass
			3	21.88	-2.47	19.41	<=30	Pass
		6	0	21.37	-2.47	18.90	<=30	Pass
	1779.3	1	0	22.71	-2.47	20.24	<=30	Pass
			2	22.69	-2.47	20.22	<=30	Pass
			5	22.70	-2.47	20.23	<=30	Pass
		3	0	22.10	-2.47	19.63	<=30	Pass
			2	22.14	-2.47	19.67	<=30	Pass
			3	22.16	-2.47	19.69	<=30	Pass
		6	0	21.36	-2.47	18.89	<=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	23.35	-2.47	20.88	<=30	Pass
			7	23.34	-2.47	20.87	<=30	Pass
			14	23.36	-2.47	20.89	<=30	Pass
		8	0	22.36	-2.47	19.89	<=30	Pass
			4	22.42	-2.47	19.95	<=30	Pass
			7	22.40	-2.47	19.93	<=30	Pass
		15	0	22.37	-2.47	19.90	<=30	Pass
	1745	1	0	23.16	-2.47	20.69	<=30	Pass
			7	23.23	-2.47	20.76	<=30	Pass
			14	23.18	-2.47	20.71	<=30	Pass
		8	0	22.07	-2.47	19.60	<=30	Pass
			4	22.12	-2.47	19.65	<=30	Pass
			7	22.07	-2.47	19.60	<=30	Pass
		15	0	22.09	-2.47	19.62	<=30	Pass
	1778.5	1	0	23.32	-2.47	20.85	<=30	Pass
			7	23.37	-2.47	20.90	<=30	Pass
			14	23.40	-2.47	20.93	<=30	Pass
		8	0	22.19	-2.47	19.72	<=30	Pass
			4	22.30	-2.47	19.83	<=30	Pass
			7	22.29	-2.47	19.82	<=30	Pass
		15	0	22.25	-2.47	19.78	<=30	Pass
16QAM	1711.5	1	0	22.31	-2.47	19.84	<=30	Pass
			7	22.30	-2.47	19.83	<=30	Pass
			14	22.29	-2.47	19.82	<=30	Pass
		8	0	21.73	-2.47	19.26	<=30	Pass
			4	21.77	-2.47	19.30	<=30	Pass
			7	21.76	-2.47	19.29	<=30	Pass
		15	0	21.58	-2.47	19.11	<=30	Pass
	1745	1	0	22.26	-2.47	19.79	<=30	Pass
			7	22.28	-2.47	19.81	<=30	Pass
			14	22.16	-2.47	19.69	<=30	Pass
		8	0	21.34	-2.47	18.87	<=30	Pass
			4	21.27	-2.47	18.80	<=30	Pass
			7	21.32	-2.47	18.85	<=30	Pass
		15	0	21.17	-2.47	18.70	<=30	Pass
	1778.5	1	0	22.91	-2.47	20.44	<=30	Pass
			7	22.39	-2.47	19.92	<=30	Pass
			14	22.37	-2.47	19.90	<=30	Pass
		8	0	21.52	-2.47	19.05	<=30	Pass
			4	21.66	-2.47	19.19	<=30	Pass
			7	21.62	-2.47	19.15	<=30	Pass
		15	0	21.47	-2.47	19.00	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.37	-2.47	20.90	<=30	Pass
			13	23.36	-2.47	20.89	<=30	Pass
			24	23.35	-2.47	20.88	<=30	Pass
		12	0	22.43	-2.47	19.96	<=30	Pass
			6	22.45	-2.47	19.98	<=30	Pass
			13	22.53	-2.47	20.06	<=30	Pass
		25	0	22.48	-2.47	20.01	<=30	Pass

	1745	1	0	23.20	-2.47	20.73	<=30	Pass
			13	22.97	-2.47	20.50	<=30	Pass
			24	22.91	-2.47	20.44	<=30	Pass
		12	0	21.97	-2.47	19.50	<=30	Pass
			6	22.00	-2.47	19.53	<=30	Pass
			13	22.03	-2.47	19.56	<=30	Pass
		25	0	22.09	-2.47	19.62	<=30	Pass
	1777.5	1	0	23.16	-2.47	20.69	<=30	Pass
			13	23.15	-2.47	20.68	<=30	Pass
			24	23.34	-2.47	20.87	<=30	Pass
		12	0	22.16	-2.47	19.69	<=30	Pass
			6	22.15	-2.47	19.68	<=30	Pass
			13	22.24	-2.47	19.77	<=30	Pass
		25	0	22.11	-2.47	19.64	<=30	Pass
16QAM	1712.5	1	0	22.01	-2.47	19.54	<=30	Pass
			13	22.03	-2.47	19.56	<=30	Pass
			24	21.86	-2.47	19.39	<=30	Pass
		12	0	21.52	-2.47	19.05	<=30	Pass
			6	21.51	-2.47	19.04	<=30	Pass
			13	21.52	-2.47	19.05	<=30	Pass
		25	0	21.59	-2.47	19.12	<=30	Pass
	1745	1	0	22.37	-2.47	19.90	<=30	Pass
			13	22.34	-2.47	19.87	<=30	Pass
			24	22.31	-2.47	19.84	<=30	Pass
		12	0	21.07	-2.47	18.60	<=30	Pass
			6	21.09	-2.47	18.62	<=30	Pass
			13	21.03	-2.47	18.56	<=30	Pass
		25	0	21.24	-2.47	18.77	<=30	Pass
	1777.5	1	0	22.23	-2.47	19.76	<=30	Pass
			13	22.22	-2.47	19.75	<=30	Pass
			24	22.37	-2.47	19.90	<=30	Pass
		12	0	21.17	-2.47	18.70	<=30	Pass
			6	21.16	-2.47	18.69	<=30	Pass
			13	21.34	-2.47	18.87	<=30	Pass
		25	0	21.22	-2.47	18.75	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.47	-2.47	21.00	<=30	Pass
			25	23.48	-2.47	21.01	<=30	Pass
			49	23.40	-2.47	20.93	<=30	Pass
		25	0	22.45	-2.47	19.98	<=30	Pass
			13	22.48	-2.47	20.01	<=30	Pass
			25	22.46	-2.47	19.99	<=30	Pass
		50	0	22.40	-2.47	19.93	<=30	Pass
	1745	1	0	23.26	-2.47	20.79	<=30	Pass
			25	23.17	-2.47	20.70	<=30	Pass
			49	23.11	-2.47	20.64	<=30	Pass
		25	0	22.17	-2.47	19.70	<=30	Pass
			13	22.13	-2.47	19.66	<=30	Pass
			25	22.12	-2.47	19.65	<=30	Pass
		50	0	22.02	-2.47	19.55	<=30	Pass
	1775	1	0	23.10	-2.47	20.63	<=30	Pass
			25	23.15	-2.47	20.68	<=30	Pass

			49	23.26	-2.47	20.79	<=30	Pass
		25	0	22.13	-2.47	19.66	<=30	Pass
			13	22.18	-2.47	19.71	<=30	Pass
			25	22.14	-2.47	19.67	<=30	Pass
		50	0	22.20	-2.47	19.73	<=30	Pass
16QAM	1715	1	0	22.31	-2.47	19.84	<=30	Pass
			25	22.35	-2.47	19.88	<=30	Pass
			49	22.29	-2.47	19.82	<=30	Pass
		25	0	21.55	-2.47	19.08	<=30	Pass
			13	21.53	-2.47	19.06	<=30	Pass
			25	21.52	-2.47	19.05	<=30	Pass
		50	0	21.55	-2.47	19.08	<=30	Pass
	1745	1	0	22.25	-2.47	19.78	<=30	Pass
			25	22.18	-2.47	19.71	<=30	Pass
			49	22.07	-2.47	19.60	<=30	Pass
		25	0	21.28	-2.47	18.81	<=30	Pass
			13	21.27	-2.47	18.80	<=30	Pass
			25	21.19	-2.47	18.72	<=30	Pass
		50	0	21.17	-2.47	18.70	<=30	Pass
	1775	1	0	22.28	-2.47	19.81	<=30	Pass
			25	22.31	-2.47	19.84	<=30	Pass
			49	22.42	-2.47	19.95	<=30	Pass
		25	0	21.33	-2.47	18.86	<=30	Pass
			13	21.32	-2.47	18.85	<=30	Pass
			25	21.32	-2.47	18.85	<=30	Pass
		50	0	21.30	-2.47	18.83	<=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	23.44	-2.47	20.97	<=30	Pass
			38	23.49	-2.47	21.02	<=30	Pass
			74	23.48	-2.47	21.01	<=30	Pass
		36	0	22.52	-2.47	20.05	<=30	Pass
			18	22.49	-2.47	20.02	<=30	Pass
			39	22.43	-2.47	19.96	<=30	Pass
		75	0	22.48	-2.47	20.01	<=30	Pass
	1745	1	0	23.17	-2.47	20.70	<=30	Pass
			38	23.02	-2.47	20.55	<=30	Pass
			74	22.90	-2.47	20.43	<=30	Pass
		36	0	22.19	-2.47	19.72	<=30	Pass
			18	22.17	-2.47	19.70	<=30	Pass
			39	22.01	-2.47	19.54	<=30	Pass
		75	0	22.04	-2.47	19.57	<=30	Pass
	1772.5	1	0	23.06	-2.47	20.59	<=30	Pass
			38	23.15	-2.47	20.68	<=30	Pass
			74	23.28	-2.47	20.81	<=30	Pass
		36	0	22.05	-2.47	19.58	<=30	Pass
			18	22.17	-2.47	19.70	<=30	Pass
			39	22.16	-2.47	19.69	<=30	Pass
		75	0	22.18	-2.47	19.71	<=30	Pass
16QAM	1717.5	1	0	22.44	-2.47	19.97	<=30	Pass
			38	22.47	-2.47	20.00	<=30	Pass
			74	22.49	-2.47	20.02	<=30	Pass
		36	0	21.44	-2.47	18.97	<=30	Pass

			18	21.64	-2.47	19.17	<=30	Pass
			39	21.66	-2.47	19.19	<=30	Pass
		75	0	21.64	-2.47	19.17	<=30	Pass
	1745	1	0	22.44	-2.47	19.97	<=30	Pass
			38	22.34	-2.47	19.87	<=30	Pass
			74	22.42	-2.47	19.95	<=30	Pass
		36	0	21.27	-2.47	18.80	<=30	Pass
			18	21.16	-2.47	18.69	<=30	Pass
			39	21.12	-2.47	18.65	<=30	Pass
		75	0	21.14	-2.47	18.67	<=30	Pass
	1772.5	1	0	22.82	-2.47	20.35	<=30	Pass
			38	22.85	-2.47	20.38	<=30	Pass
			74	22.95	-2.47	20.48	<=30	Pass
		36	0	21.15	-2.47	18.68	<=30	Pass
			18	21.14	-2.47	18.67	<=30	Pass
			39	21.14	-2.47	18.67	<=30	Pass
		75	0	21.28	-2.47	18.81	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.47	-2.47	21.00	<=30	Pass
			50	23.47	-2.47	21.00	<=30	Pass
			99	23.38	-2.47	20.91	<=30	Pass
		50	0	22.47	-2.47	20.00	<=30	Pass
			25	22.48	-2.47	20.01	<=30	Pass
			50	22.46	-2.47	19.99	<=30	Pass
		100	0	22.42	-2.47	19.95	<=30	Pass
	1745	1	0	23.37	-2.47	20.90	<=30	Pass
			50	23.19	-2.47	20.72	<=30	Pass
			99	23.10	-2.47	20.63	<=30	Pass
		50	0	22.23	-2.47	19.76	<=30	Pass
			25	22.14	-2.47	19.67	<=30	Pass
			50	21.96	-2.47	19.49	<=30	Pass
		100	0	22.21	-2.47	19.74	<=30	Pass
	1770	1	0	23.14	-2.47	20.67	<=30	Pass
			50	23.28	-2.47	20.81	<=30	Pass
			99	23.44	-2.47	20.97	<=30	Pass
		50	0	22.10	-2.47	19.63	<=30	Pass
			25	22.11	-2.47	19.64	<=30	Pass
			50	22.18	-2.47	19.71	<=30	Pass
		100	0	22.07	-2.47	19.60	<=30	Pass
16QAM	1720	1	0	22.48	-2.47	20.01	<=30	Pass
			50	22.53	-2.47	20.06	<=30	Pass
			99	22.53	-2.47	20.06	<=30	Pass
		50	0	21.60	-2.47	19.13	<=30	Pass
			25	21.62	-2.47	19.15	<=30	Pass
			50	21.58	-2.47	19.11	<=30	Pass
		100	0	21.57	-2.47	19.10	<=30	Pass
	1745	1	0	22.83	-2.47	20.36	<=30	Pass
			50	22.59	-2.47	20.12	<=30	Pass
			99	22.48	-2.47	20.01	<=30	Pass
		50	0	21.28	-2.47	18.81	<=30	Pass
			25	21.19	-2.47	18.72	<=30	Pass
			50	21.14	-2.47	18.67	<=30	Pass

		100	0	21.31	-2.47	18.84	<=30	Pass
	1770	1	0	22.30	-2.47	19.83	<=30	Pass
			50	22.42	-2.47	19.95	<=30	Pass
			99	22.65	-2.47	20.18	<=30	Pass
		50	0	21.11	-2.47	18.64	<=30	Pass
			25	21.25	-2.47	18.78	<=30	Pass
			50	21.21	-2.47	18.74	<=30	Pass
		100	0	21.08	-2.47	18.61	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	1.245	0.0007	-2.5 to 2.5	Pass
					3.85	10.614	0.0062	-2.5 to 2.5	Pass
					4.43	36.964	0.0216	-2.5 to 2.5	Pass
				-30	3.85	25.864	0.0151	-2.5 to 2.5	Pass
				-20	3.85	39.740	0.0232	-2.5 to 2.5	Pass
				-10	3.85	41.857	0.0245	-2.5 to 2.5	Pass
				0	3.85	32.358	0.0189	-2.5 to 2.5	Pass
				10	3.85	7.010	0.0041	-2.5 to 2.5	Pass
				30	3.85	-21.200	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-17.624	-0.0103	-2.5 to 2.5	Pass
				50	3.85	0.501	0.0003	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-39.725	-0.0228	-2.5 to 2.5	Pass
					3.85	-13.390	-0.0077	-2.5 to 2.5	Pass
					4.43	15.893	0.0091	-2.5 to 2.5	Pass
				-30	3.85	5.193	0.0030	-2.5 to 2.5	Pass
				-20	3.85	14.219	0.0081	-2.5 to 2.5	Pass
				-10	3.85	10.328	0.0059	-2.5 to 2.5	Pass
				0	3.85	36.564	0.0210	-2.5 to 2.5	Pass
				10	3.85	17.381	0.0100	-2.5 to 2.5	Pass
				30	3.85	27.552	0.0158	-2.5 to 2.5	Pass
				40	3.85	28.667	0.0164	-2.5 to 2.5	Pass
				50	3.85	29.383	0.0168	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-34.432	-0.0194	-2.5 to 2.5	Pass
					3.85	5.364	0.0030	-2.5 to 2.5	Pass
					4.43	-22.745	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-22.960	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	6.051	0.0034	-2.5 to 2.5	Pass
				0	3.85	25.120	0.0141	-2.5 to 2.5	Pass
				10	3.85	36.850	0.0207	-2.5 to 2.5	Pass
				30	3.85	43.216	0.0243	-2.5 to 2.5	Pass
				40	3.85	27.838	0.0156	-2.5 to 2.5	Pass
				50	3.85	22.359	0.0126	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-1.116	-0.0007	-2.5 to 2.5	Pass
					3.85	-33.345	-0.0195	-2.5 to 2.5	Pass
					4.43	-30.699	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	12.074	0.0071	-2.5 to 2.5	Pass

				-20	3.85	-15.550	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-29.511	-0.0173	-2.5 to 2.5	Pass
				0	3.85	-35.806	-0.0209	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0125	-2.5 to 2.5	Pass
				30	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				40	3.85	-13.232	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-31.343	-0.0183	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	28.639	0.0164	-2.5 to 2.5	Pass
					3.85	28.639	0.0164	-2.5 to 2.5	Pass
					4.43	13.890	0.0080	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-9.599	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-15.607	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-14.219	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-12.875	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-9.098	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-8.955	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-9.956	-0.0057	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	16.279	0.0091	-2.5 to 2.5	Pass
					3.85	3.161	0.0018	-2.5 to 2.5	Pass
					4.43	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-9.999	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-27.852	-0.0157	-2.5 to 2.5	Pass
				-10	3.85	-25.978	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-30.971	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-34.733	-0.0195	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.104	-0.0017	-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	-39.597	-0.0231	-2.5 to 2.5	Pass
					3.85	-8.569	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-9.756	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-8.082	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-19.369	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-28.224	-0.0165	-2.5 to 2.5	Pass
				10	3.85	17.395	0.0102	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-25.778	-0.0151	-2.5 to 2.5	Pass
				50	3.85	-10.285	-0.0060	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-16.365	-0.0094	-2.5 to 2.5	Pass
					3.85	-15.321	-0.0088	-2.5 to 2.5	Pass
					4.43	2.074	0.0012	-2.5 to 2.5	Pass
				-30	3.85	16.565	0.0095	-2.5 to 2.5	Pass
				-20	3.85	40.126	0.0230	-2.5 to 2.5	Pass
				-10	3.85	5.722	0.0033	-2.5 to 2.5	Pass
				0	3.85	15.049	0.0086	-2.5 to 2.5	Pass
				10	3.85	34.332	0.0197	-2.5 to 2.5	Pass
				30	3.85	9.413	0.0054	-2.5 to 2.5	Pass
				40	3.85	24.076	0.0138	-2.5 to 2.5	Pass
				50	3.85	29.140	0.0167	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-33.417	-0.0188	-2.5 to 2.5	Pass

					3.85	-31.657	-0.0178	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	20.843	0.0117	-2.5 to 2.5	Pass
				-20	3.85	30.627	0.0172	-2.5 to 2.5	Pass
				-10	3.85	8.297	0.0047	-2.5 to 2.5	Pass
				0	3.85	17.238	0.0097	-2.5 to 2.5	Pass
				10	3.85	15.793	0.0089	-2.5 to 2.5	Pass
				30	3.85	16.379	0.0092	-2.5 to 2.5	Pass
				40	3.85	15.392	0.0087	-2.5 to 2.5	Pass
				50	3.85	11.973	0.0067	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	3.147	0.0018	-2.5 to 2.5	Pass
					3.85	-15.850	-0.0093	-2.5 to 2.5	Pass
					4.43	-20.871	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-9.499	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-24.161	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				0	3.85	-11.530	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-19.827	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-34.990	-0.0204	-2.5 to 2.5	Pass
				40	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-10.457	-0.0061	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	7.596	0.0044	-2.5 to 2.5	Pass
					3.85	28.982	0.0166	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	4.506	0.0026	-2.5 to 2.5	Pass
				-20	3.85	10.400	0.0060	-2.5 to 2.5	Pass
				-10	3.85	16.408	0.0094	-2.5 to 2.5	Pass
				0	3.85	25.277	0.0145	-2.5 to 2.5	Pass
				10	3.85	5.550	0.0032	-2.5 to 2.5	Pass
				30	3.85	13.204	0.0076	-2.5 to 2.5	Pass
				40	3.85	18.797	0.0108	-2.5 to 2.5	Pass
				50	3.85	32.358	0.0185	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	4.964	0.0028	-2.5 to 2.5	Pass
					3.85	0.629	0.0004	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-13.003	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-14.305	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-18.153	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-20.628	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-15.993	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-14.319	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-13.218	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-17.467	-0.0098	-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	-10.529	-0.0061	-2.5 to 2.5	Pass
					3.85	-26.894	-0.0157	-2.5 to 2.5	Pass
					4.43	-27.137	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-27.480	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-35.605	-0.0208	-2.5 to 2.5	Pass
				-10	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-9.198	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-29.626	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass

				40	3.85	-22.016	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-12.360	-0.0072	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-26.279	-0.0151	-2.5 to 2.5	Pass
					3.85	-13.318	-0.0076	-2.5 to 2.5	Pass
					4.43	-29.683	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-35.949	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	2.432	0.0014	-2.5 to 2.5	Pass
				-10	3.85	40.226	0.0231	-2.5 to 2.5	Pass
				0	3.85	29.111	0.0167	-2.5 to 2.5	Pass
				10	3.85	18.954	0.0109	-2.5 to 2.5	Pass
				30	3.85	40.526	0.0232	-2.5 to 2.5	Pass
				40	3.85	20.685	0.0119	-2.5 to 2.5	Pass
				50	3.85	37.637	0.0216	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-14.534	-0.0082	-2.5 to 2.5	Pass
					3.85	-13.618	-0.0077	-2.5 to 2.5	Pass
					4.43	-1.516	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	10.128	0.0057	-2.5 to 2.5	Pass
				-20	3.85	16.351	0.0092	-2.5 to 2.5	Pass
				-10	3.85	17.881	0.0101	-2.5 to 2.5	Pass
				0	3.85	17.481	0.0098	-2.5 to 2.5	Pass
				10	3.85	11.759	0.0066	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-12.174	-0.0068	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-31.857	-0.0186	-2.5 to 2.5	Pass
					3.85	-9.155	-0.0053	-2.5 to 2.5	Pass
					4.43	-25.892	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-8.440	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-24.276	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-41.699	-0.0243	-2.5 to 2.5	Pass
				0	3.85	-14.348	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-26.937	-0.0157	-2.5 to 2.5	Pass
				30	3.85	-26.150	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-33.474	-0.0195	-2.5 to 2.5	Pass
				50	3.85	-39.368	-0.0230	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	1.245	0.0007	-2.5 to 2.5	Pass
					3.85	23.060	0.0132	-2.5 to 2.5	Pass
					4.43	-12.302	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	16.222	0.0093	-2.5 to 2.5	Pass
				-10	3.85	29.325	0.0168	-2.5 to 2.5	Pass
				0	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				10	3.85	24.390	0.0140	-2.5 to 2.5	Pass
				30	3.85	26.007	0.0149	-2.5 to 2.5	Pass
				40	3.85	8.068	0.0046	-2.5 to 2.5	Pass
				50	3.85	13.762	0.0079	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-17.166	-0.0097	-2.5 to 2.5	Pass
					3.85	-23.332	-0.0131	-2.5 to 2.5	Pass
					4.43	-23.360	-0.0131	-2.5 to 2.5	Pass
				-30	3.85	-32.558	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-35.462	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				40	3.85	4.506	0.0025	-2.5 to 2.5	Pass
				50	3.85	2.346	0.0013	-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	-7.710	-0.0045	-2.5 to 2.5	Pass
					3.85	-15.192	-0.0089	-2.5 to 2.5	Pass
					4.43	-11.358	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-15.950	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-31.085	-0.0181	-2.5 to 2.5	Pass
				0	3.85	-18.053	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-32.601	-0.0190	-2.5 to 2.5	Pass
				30	3.85	-24.104	-0.0141	-2.5 to 2.5	Pass
				40	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-29.669	-0.0173	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-32.659	-0.0187	-2.5 to 2.5	Pass
					3.85	-27.437	-0.0157	-2.5 to 2.5	Pass
					4.43	0.772	0.0004	-2.5 to 2.5	Pass
				-30	3.85	18.139	0.0104	-2.5 to 2.5	Pass
				-20	3.85	31.514	0.0181	-2.5 to 2.5	Pass
				-10	3.85	10.972	0.0063	-2.5 to 2.5	Pass
				0	3.85	33.889	0.0194	-2.5 to 2.5	Pass
				10	3.85	19.197	0.0110	-2.5 to 2.5	Pass
				30	3.85	30.899	0.0177	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				50	3.85	17.066	0.0098	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-26.407	-0.0149	-2.5 to 2.5	Pass
					3.85	-16.465	-0.0093	-2.5 to 2.5	Pass
					4.43	11.659	0.0066	-2.5 to 2.5	Pass
				-30	3.85	31.900	0.0180	-2.5 to 2.5	Pass
				-20	3.85	5.922	0.0033	-2.5 to 2.5	Pass
				-10	3.85	10.400	0.0059	-2.5 to 2.5	Pass
				0	3.85	7.138	0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-11.902	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-22.173	-0.0125	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-13.046	-0.0076	-2.5 to 2.5	Pass
					3.85	-29.397	-0.0171	-2.5 to 2.5	Pass
					4.43	1.817	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-14.405	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-17.037	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-17.853	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-18.625	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-24.433	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-21.915	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-28.911	-0.0169	-2.5 to 2.5	Pass
				50	3.85	-30.098	-0.0175	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	30.384	0.0174	-2.5 to 2.5	Pass
					3.85	37.651	0.0216	-2.5 to 2.5	Pass
					4.43	2.146	0.0012	-2.5 to 2.5	Pass
				-30	3.85	12.560	0.0072	-2.5 to 2.5	Pass
				-20	3.85	21.858	0.0125	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				0	3.85	10.829	0.0062	-2.5 to 2.5	Pass
				10	3.85	19.627	0.0112	-2.5 to 2.5	Pass
				30	3.85	33.946	0.0195	-2.5 to 2.5	Pass
				40	3.85	9.041	0.0052	-2.5 to 2.5	Pass
				50	3.85	19.813	0.0114	-2.5 to 2.5	Pass

	1775	50	0	20	3.27	-29.111	-0.0164	-2.5 to 2.5	Pass
					3.85	-33.231	-0.0187	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-10.829	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-6.809	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0027	-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	-16.065	-0.0094	-2.5 to 2.5	Pass
					3.85	-10.586	-0.0062	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-10.371	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-23.975	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-8.368	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-36.993	-0.0215	-2.5 to 2.5	Pass
				40	3.85	-18.582	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-41.013	-0.0239	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-24.476	-0.0140	-2.5 to 2.5	Pass
					3.85	2.489	0.0014	-2.5 to 2.5	Pass
					4.43	8.898	0.0051	-2.5 to 2.5	Pass
				-30	3.85	26.193	0.0150	-2.5 to 2.5	Pass
				-20	3.85	6.080	0.0035	-2.5 to 2.5	Pass
				-10	3.85	22.988	0.0132	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				10	3.85	16.394	0.0094	-2.5 to 2.5	Pass
				30	3.85	28.553	0.0164	-2.5 to 2.5	Pass
				40	3.85	11.873	0.0068	-2.5 to 2.5	Pass
				50	3.85	22.745	0.0130	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-31.614	-0.0178	-2.5 to 2.5	Pass
					3.85	-20.800	-0.0117	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				-20	3.85	12.102	0.0068	-2.5 to 2.5	Pass
				-10	3.85	9.813	0.0055	-2.5 to 2.5	Pass
				0	3.85	2.575	0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-12.245	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-24.476	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-12.474	-0.0070	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-20.170	-0.0117	-2.5 to 2.5	Pass
					3.85	-32.859	-0.0191	-2.5 to 2.5	Pass
					4.43	-9.184	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-26.836	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-9.556	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-17.080	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-22.330	-0.0130	-2.5 to 2.5	Pass

				30	3.85	-26.693	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-30.398	-0.0177	-2.5 to 2.5	Pass
				50	3.85	-32.887	-0.0191	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	35.005	0.0201	-2.5 to 2.5	Pass
					3.85	6.480	0.0037	-2.5 to 2.5	Pass
					4.43	15.206	0.0087	-2.5 to 2.5	Pass
				-30	3.85	27.623	0.0158	-2.5 to 2.5	Pass
				-20	3.85	7.296	0.0042	-2.5 to 2.5	Pass
				-10	3.85	21.458	0.0123	-2.5 to 2.5	Pass
				0	3.85	30.327	0.0174	-2.5 to 2.5	Pass
				10	3.85	5.293	0.0030	-2.5 to 2.5	Pass
				30	3.85	19.755	0.0113	-2.5 to 2.5	Pass
				40	3.85	37.594	0.0215	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	4.635	0.0026	-2.5 to 2.5	Pass
					3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
					4.43	-16.351	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-22.216	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-23.932	-0.0135	-2.5 to 2.5	Pass
				-10	3.85	-25.721	-0.0145	-2.5 to 2.5	Pass
				0	3.85	-16.623	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-9.627	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-11.959	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-11.902	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0042	-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	-5.236	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
					4.43	9.041	0.0053	-2.5 to 2.5	Pass
				-30	3.85	7.453	0.0043	-2.5 to 2.5	Pass
				-20	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-16.708	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-29.612	-0.0172	-2.5 to 2.5	Pass
				30	3.85	-20.757	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-26.507	-0.0154	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-29.554	-0.0169	-2.5 to 2.5	Pass
					3.85	-36.964	-0.0212	-2.5 to 2.5	Pass
					4.43	-28.753	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	22.531	0.0129	-2.5 to 2.5	Pass
				-20	3.85	12.116	0.0069	-2.5 to 2.5	Pass
				-10	3.85	9.913	0.0057	-2.5 to 2.5	Pass
				0	3.85	33.388	0.0191	-2.5 to 2.5	Pass
				10	3.85	11.616	0.0067	-2.5 to 2.5	Pass
				30	3.85	29.984	0.0172	-2.5 to 2.5	Pass
				40	3.85	43.688	0.0250	-2.5 to 2.5	Pass
				50	3.85	11.001	0.0063	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-16.179	-0.0091	-2.5 to 2.5	Pass
					3.85	-13.232	-0.0075	-2.5 to 2.5	Pass
					4.43	-29.626	-0.0167	-2.5 to 2.5	Pass
				-30	3.85	31.486	0.0178	-2.5 to 2.5	Pass
				-20	3.85	21.830	0.0123	-2.5 to 2.5	Pass

				-10	3.85	34.976	0.0198	-2.5 to 2.5	Pass
				0	3.85	37.580	0.0212	-2.5 to 2.5	Pass
				10	3.85	30.427	0.0172	-2.5 to 2.5	Pass
				30	3.85	16.494	0.0093	-2.5 to 2.5	Pass
				40	3.85	4.077	0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.605	-0.0020	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-39.911	-0.0232	-2.5 to 2.5	Pass
					3.85	-16.465	-0.0096	-2.5 to 2.5	Pass
					4.43	-30.570	-0.0178	-2.5 to 2.5	Pass
				-30	3.85	-14.076	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	9.942	0.0058	-2.5 to 2.5	Pass
				-10	3.85	11.816	0.0069	-2.5 to 2.5	Pass
				0	3.85	5.865	0.0034	-2.5 to 2.5	Pass
				10	3.85	6.781	0.0039	-2.5 to 2.5	Pass
				30	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	22.359	0.0128	-2.5 to 2.5	Pass
					3.85	30.570	0.0175	-2.5 to 2.5	Pass
					4.43	40.040	0.0229	-2.5 to 2.5	Pass
				-30	3.85	45.891	0.0263	-2.5 to 2.5	Pass
				-20	3.85	3.476	0.0020	-2.5 to 2.5	Pass
				-10	3.85	15.006	0.0086	-2.5 to 2.5	Pass
				0	3.85	19.155	0.0110	-2.5 to 2.5	Pass
				10	3.85	25.191	0.0144	-2.5 to 2.5	Pass
				30	3.85	33.889	0.0194	-2.5 to 2.5	Pass
				40	3.85	11.272	0.0065	-2.5 to 2.5	Pass
				50	3.85	23.732	0.0136	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-9.141	-0.0052	-2.5 to 2.5	Pass
					3.85	-13.504	-0.0076	-2.5 to 2.5	Pass
					4.43	-18.525	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-15.993	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-20.814	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-16.279	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-8.340	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-20.657	-0.0117	-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

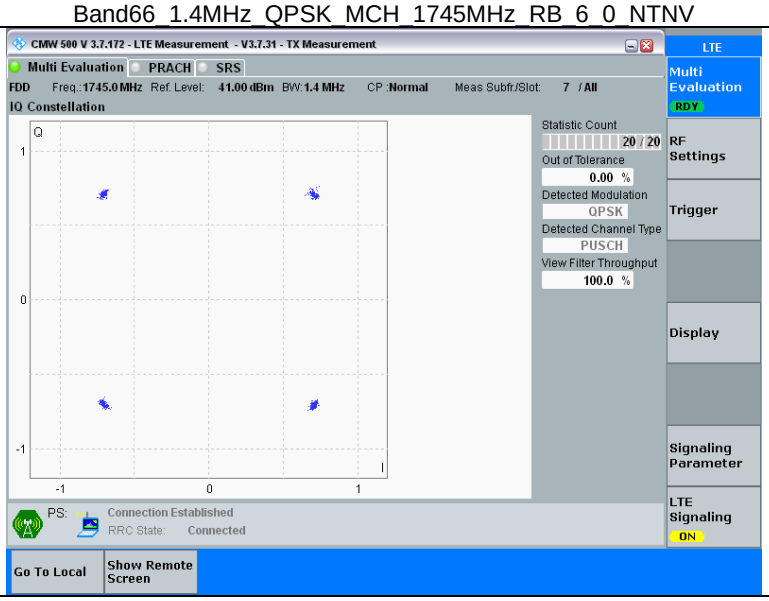
3.1.6 B66_20MHz

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

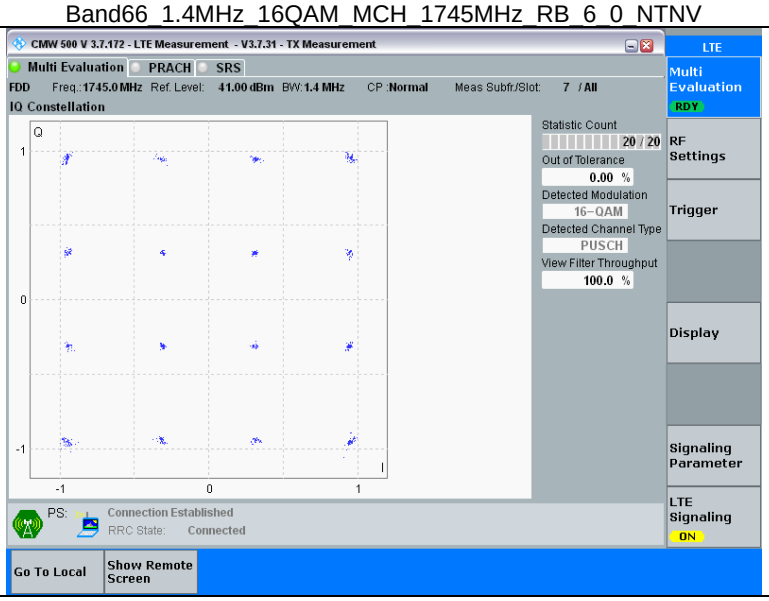
3.2 Test Graph

3.2.1 B66_1.4MHz

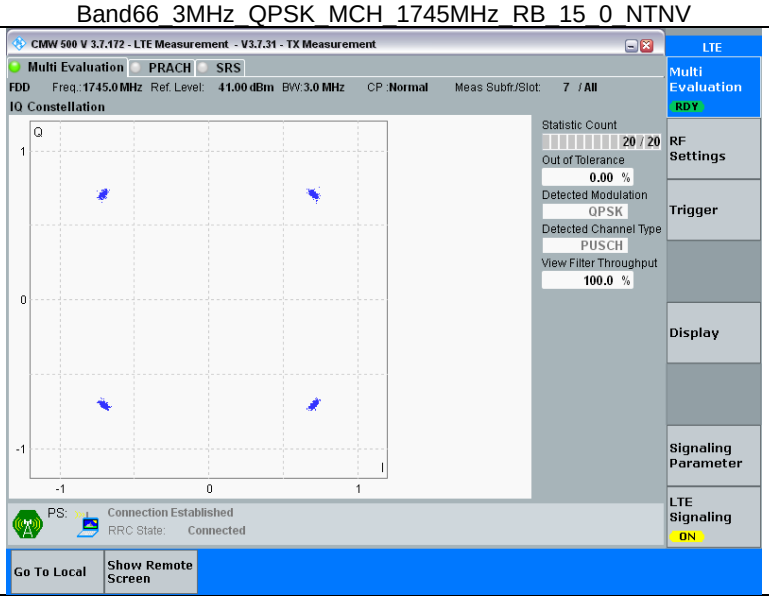
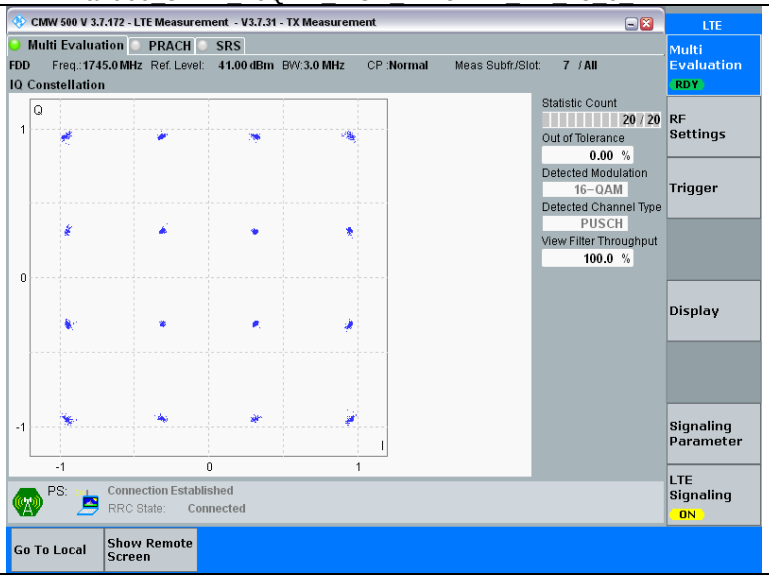
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



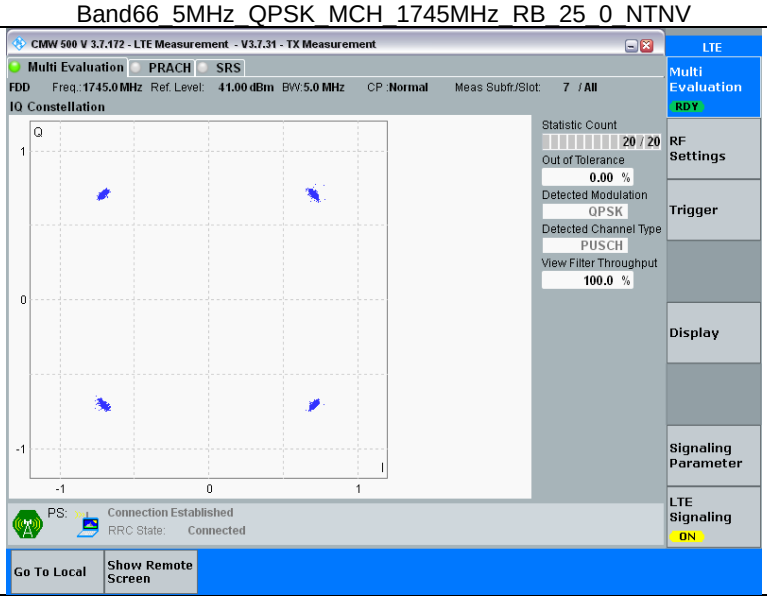
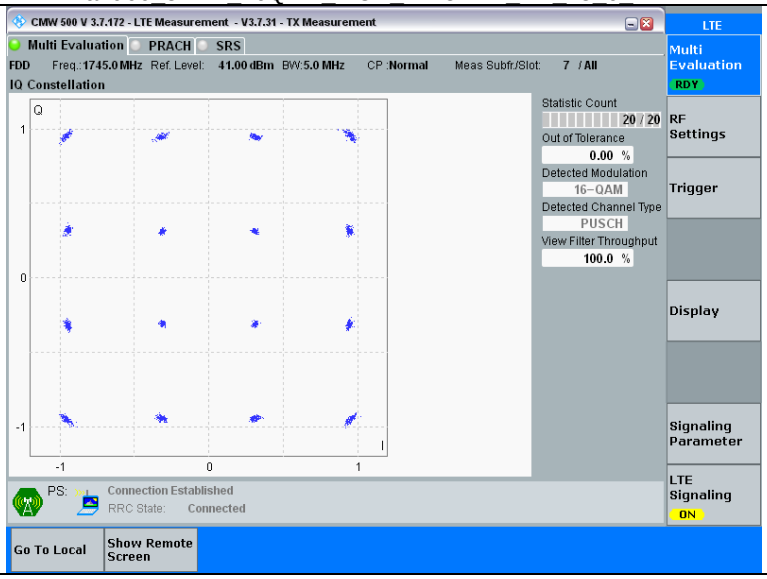
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



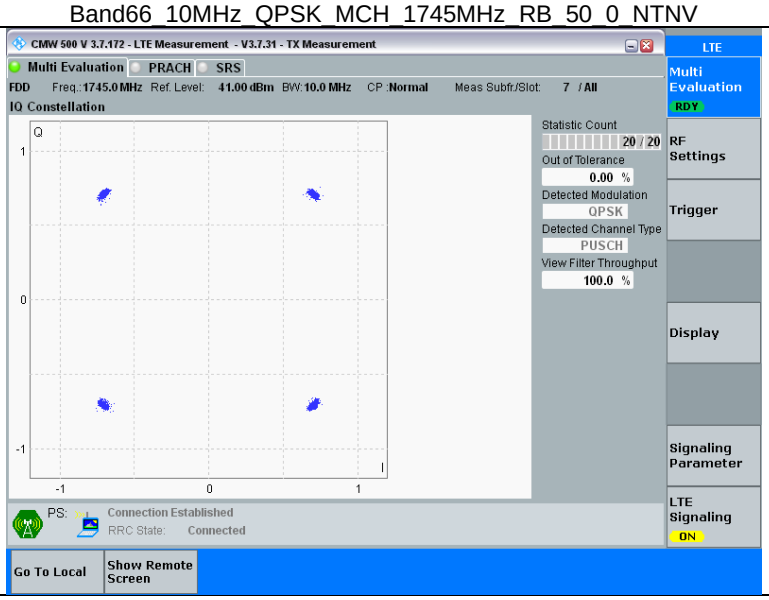
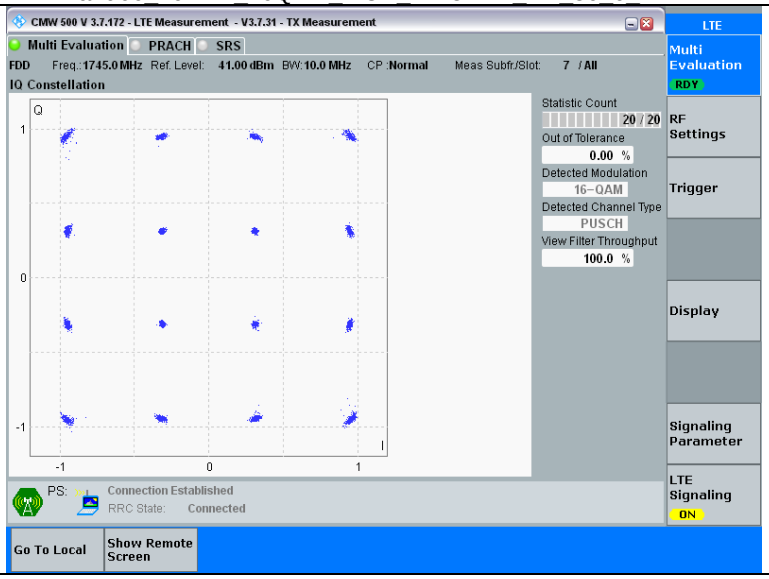
3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV


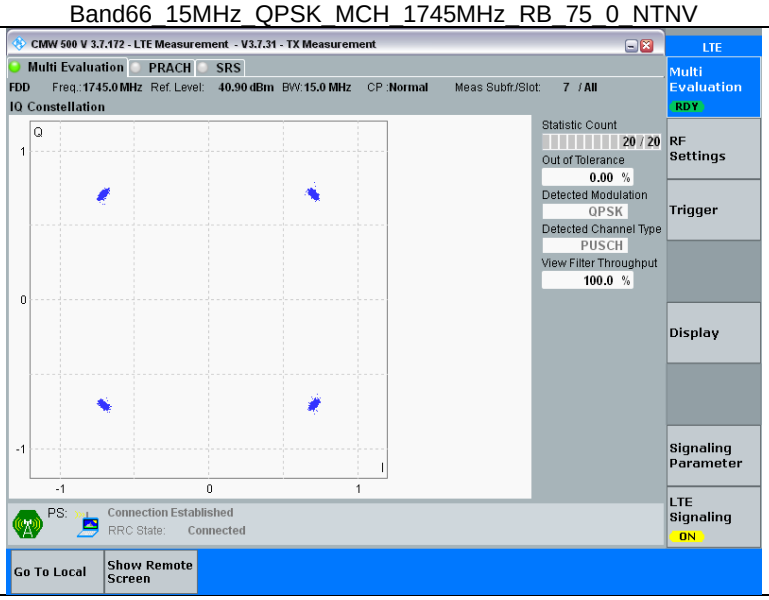
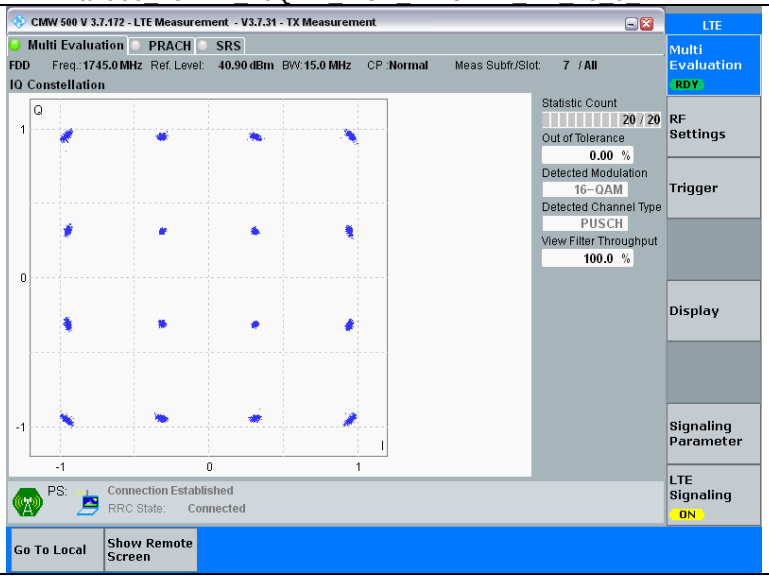
3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV


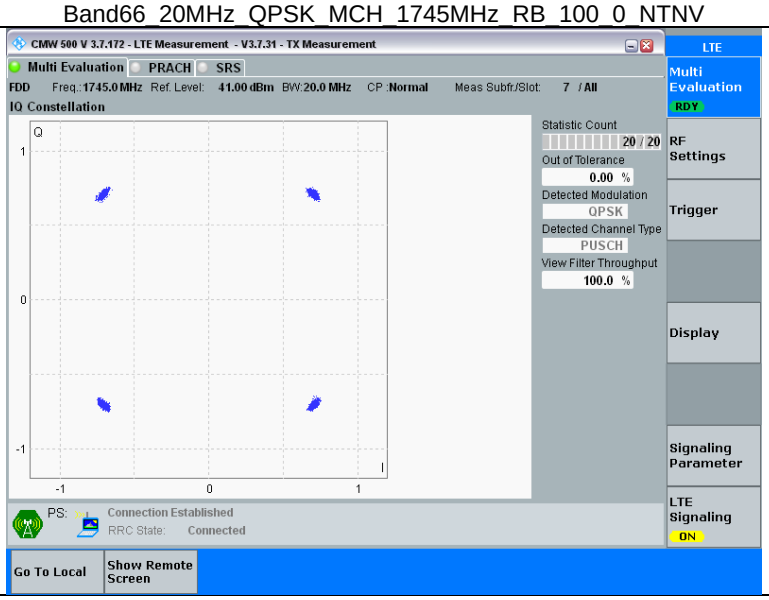
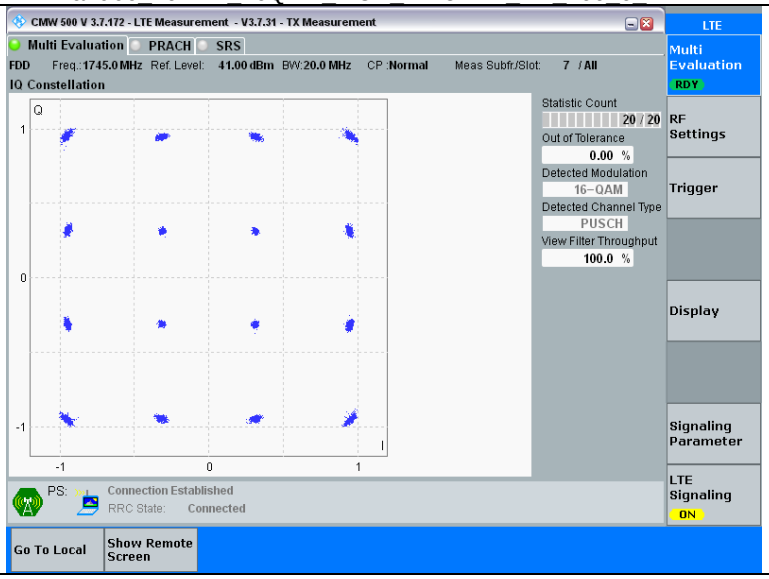
3.2.4 B66_10MHz

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	1.109	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.108	/	Pass
	16QAM	1710.7	6	0	1.119	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.112	/	Pass
3	QPSK	1711.5	15	0	2.743	/	Pass
		1745	15	0	2.763	/	Pass
		1778.5	15	0	2.763	/	Pass
	16QAM	1711.5	15	0	2.751	/	Pass
		1745	15	0	2.778	/	Pass
		1778.5	15	0	2.755	/	Pass
5	QPSK	1712.5	25	0	4.560	/	Pass
		1745	25	0	4.548	/	Pass
		1777.5	25	0	4.556	/	Pass
	16QAM	1712.5	25	0	4.538	/	Pass
		1745	25	0	4.574	/	Pass
		1777.5	25	0	4.569	/	Pass
10	QPSK	1715	50	0	9.088	/	Pass
		1745	50	0	9.088	/	Pass
		1775	50	0	9.042	/	Pass
	16QAM	1715	50	0	9.066	/	Pass
		1745	50	0	9.071	/	Pass
		1775	50	0	9.059	/	Pass
15	QPSK	1717.5	75	0	13.617	/	Pass
		1745	75	0	13.581	/	Pass
		1772.5	75	0	13.459	/	Pass
	16QAM	1717.5	75	0	13.584	/	Pass
		1745	75	0	13.577	/	Pass
		1772.5	75	0	13.607	/	Pass
20	QPSK	1720	100	0	18.168	/	Pass
		1745	100	0	18.092	/	Pass
		1770	100	0	18.110	/	Pass
	16QAM	1720	100	0	18.137	/	Pass
		1745	100	0	18.111	/	Pass
		1770	100	0	18.137	/	Pass

4.1.2 Band66_XDB

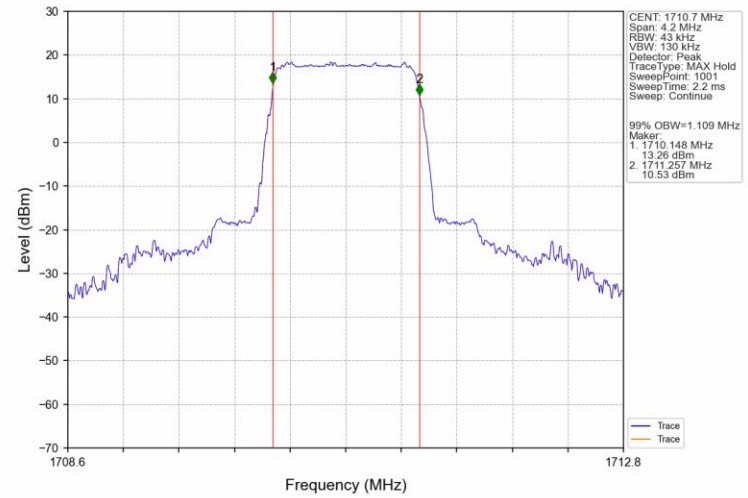
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.273	/	Pass
		1745	6	0	1.270	/	Pass
		1779.3	6	0	1.271	/	Pass

	16QAM	1710.7	6	0	1.269	/	Pass
		1745	6	0	1.278	/	Pass
		1779.3	6	0	1.268	/	Pass
3	QPSK	1711.5	15	0	3.117	/	Pass
		1745	15	0	3.111	/	Pass
		1778.5	15	0	3.119	/	Pass
	16QAM	1711.5	15	0	3.091	/	Pass
		1745	15	0	3.095	/	Pass
		1778.5	15	0	3.112	/	Pass
5	QPSK	1712.5	25	0	5.006	/	Pass
		1745	25	0	5.071	/	Pass
		1777.5	25	0	5.088	/	Pass
	16QAM	1712.5	25	0	5.044	/	Pass
		1745	25	0	5.066	/	Pass
		1777.5	25	0	5.072	/	Pass
10	QPSK	1715	50	0	10.010	/	Pass
		1745	50	0	10.029	/	Pass
		1775	50	0	10.007	/	Pass
	16QAM	1715	50	0	10.018	/	Pass
		1745	50	0	10.060	/	Pass
		1775	50	0	10.020	/	Pass
15	QPSK	1717.5	75	0	15.227	/	Pass
		1745	75	0	15.181	/	Pass
		1772.5	75	0	14.580	/	Pass
	16QAM	1717.5	75	0	15.096	/	Pass
		1745	75	0	15.121	/	Pass
		1772.5	75	0	15.220	/	Pass
20	QPSK	1720	100	0	20.018	/	Pass
		1745	100	0	20.093	/	Pass
		1770	100	0	19.988	/	Pass
	16QAM	1720	100	0	20.028	/	Pass
		1745	100	0	20.149	/	Pass
		1770	100	0	20.162	/	Pass

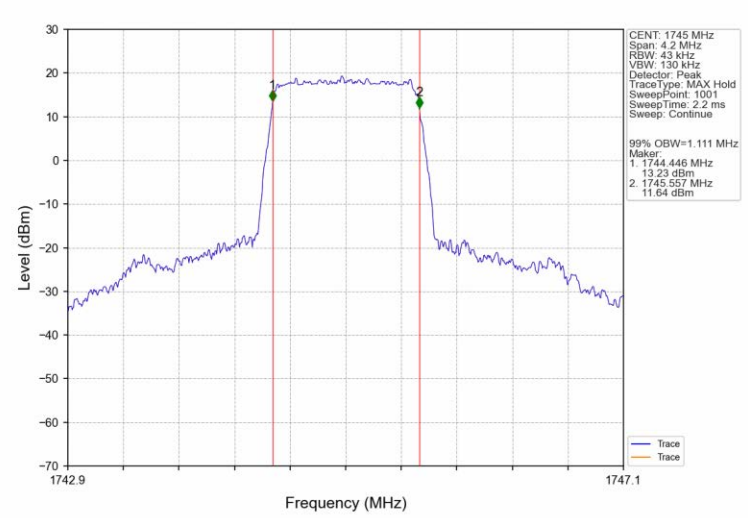
4.2 Test Graph

4.2.1 Band66_OBW

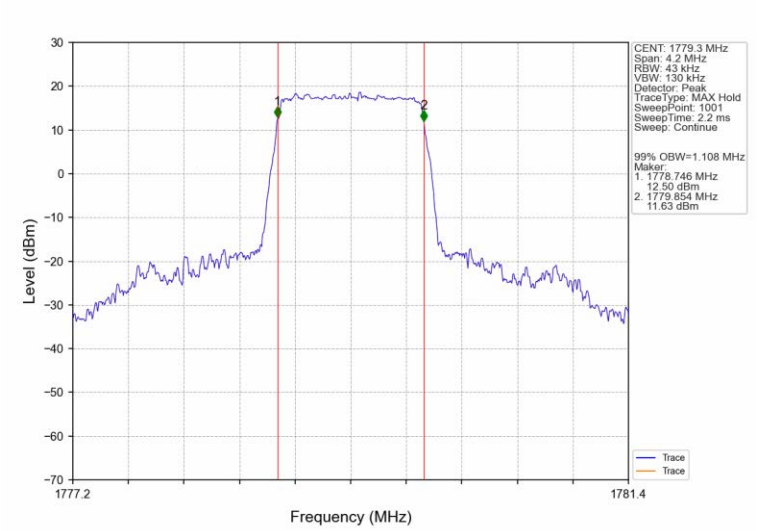
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



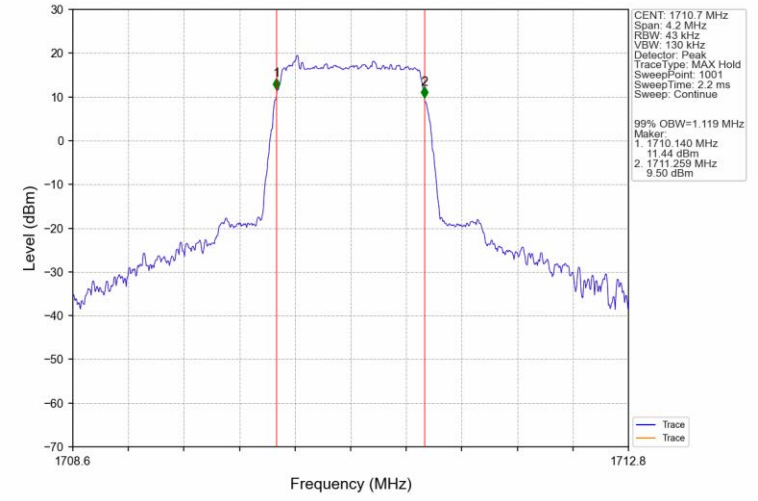
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



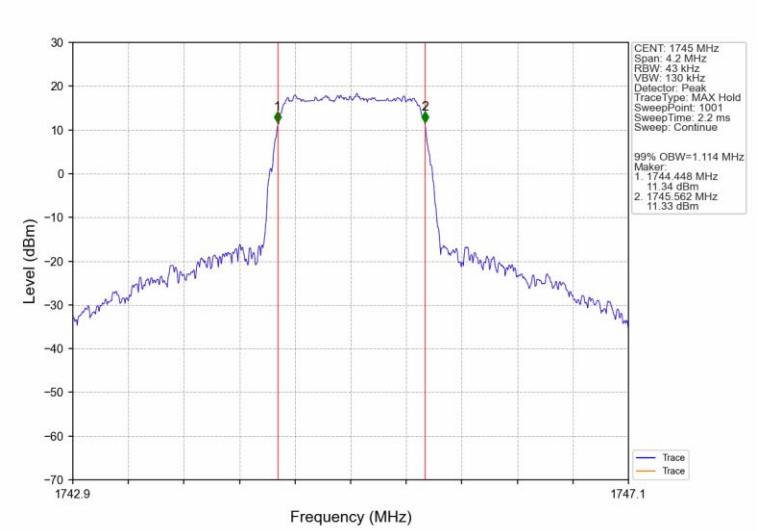
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



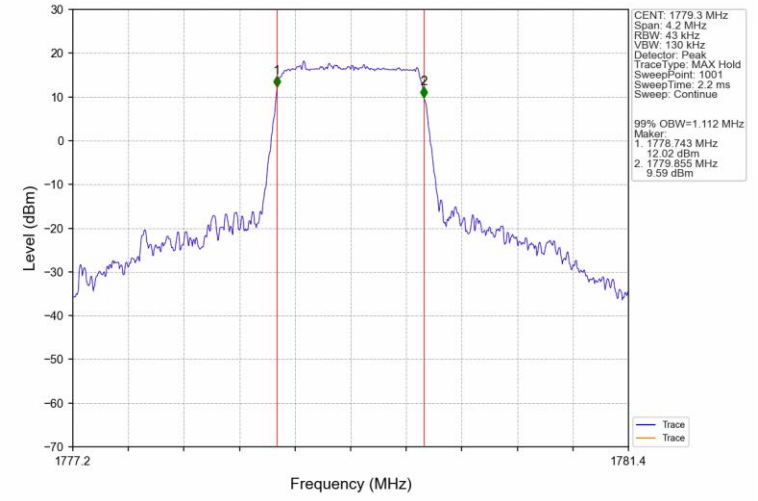
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



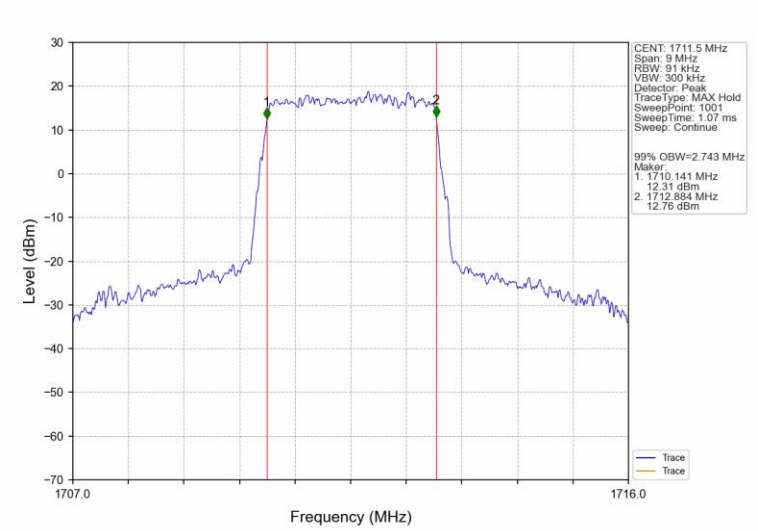
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



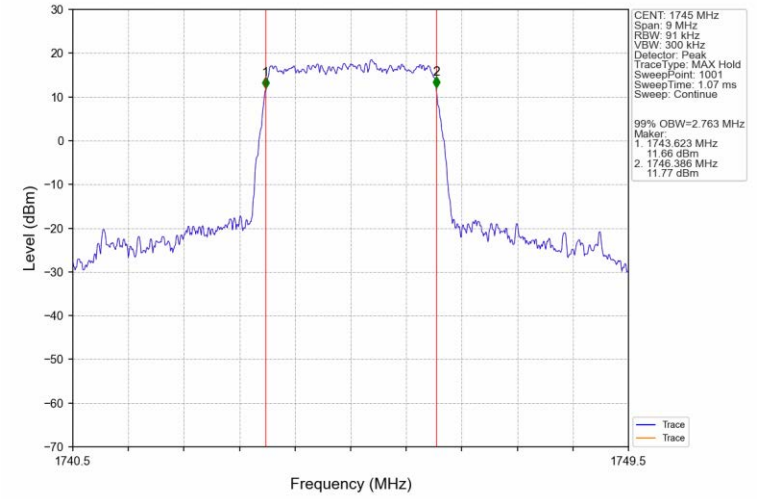
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



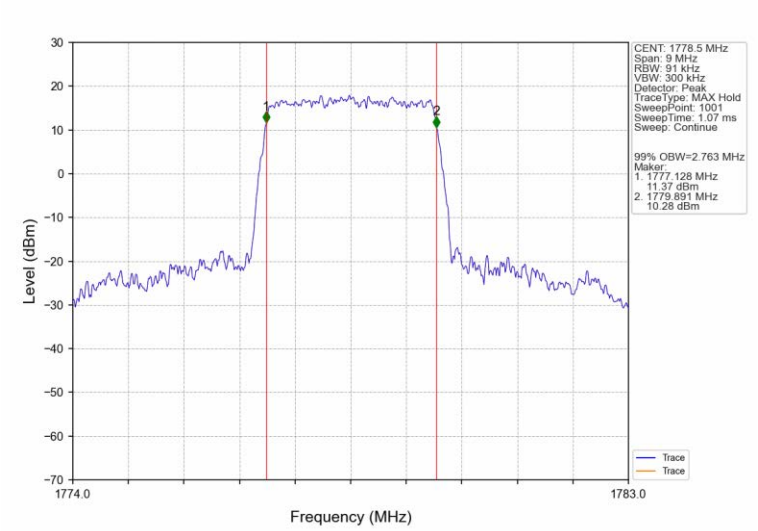
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



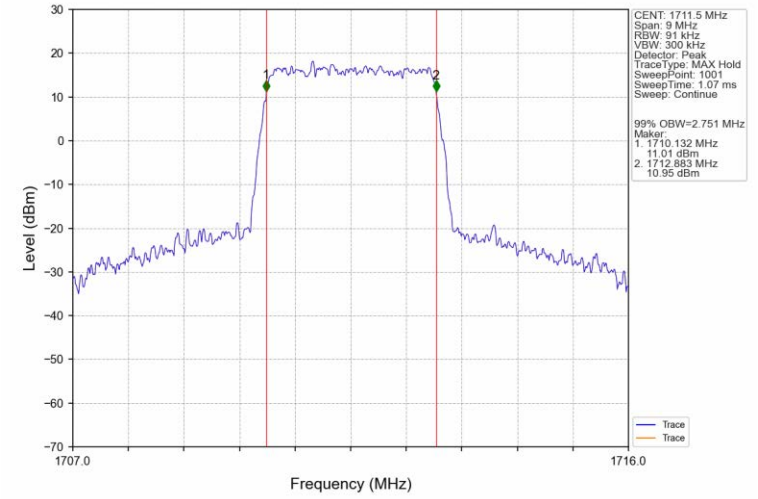
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



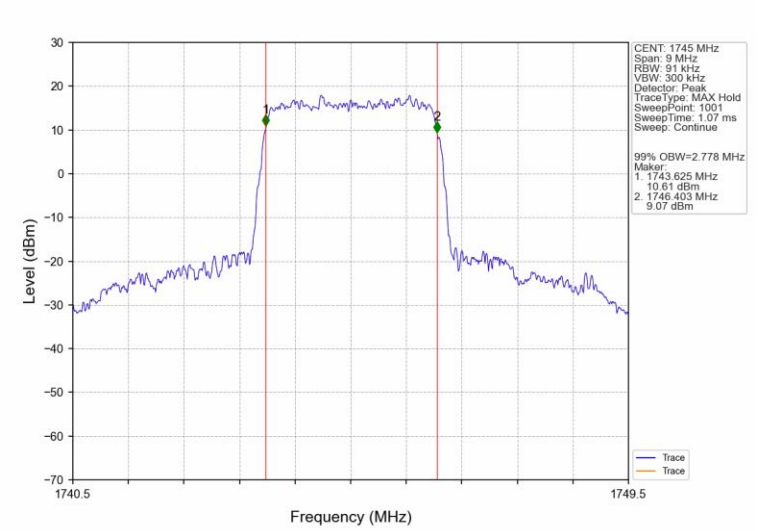
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



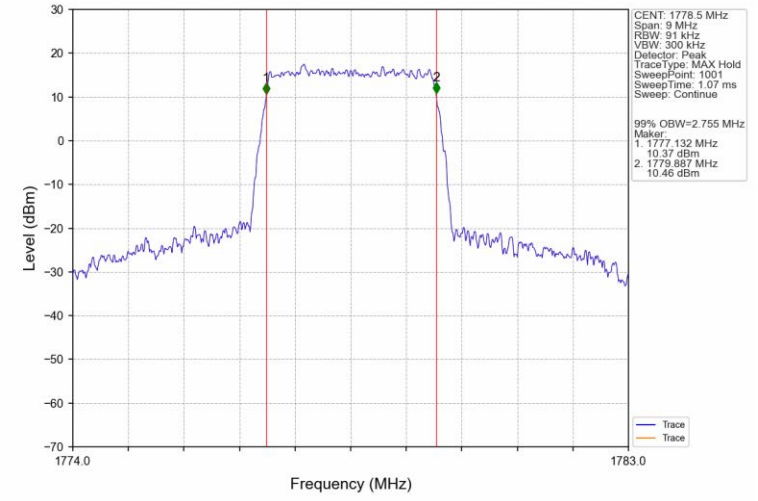
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



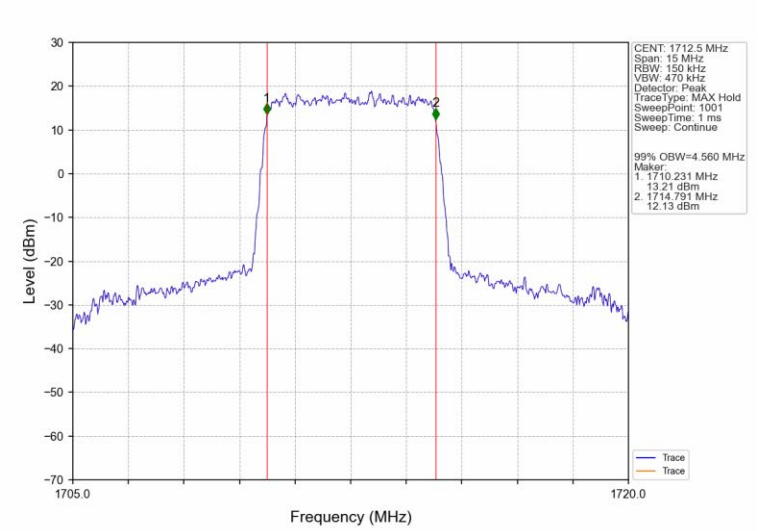
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



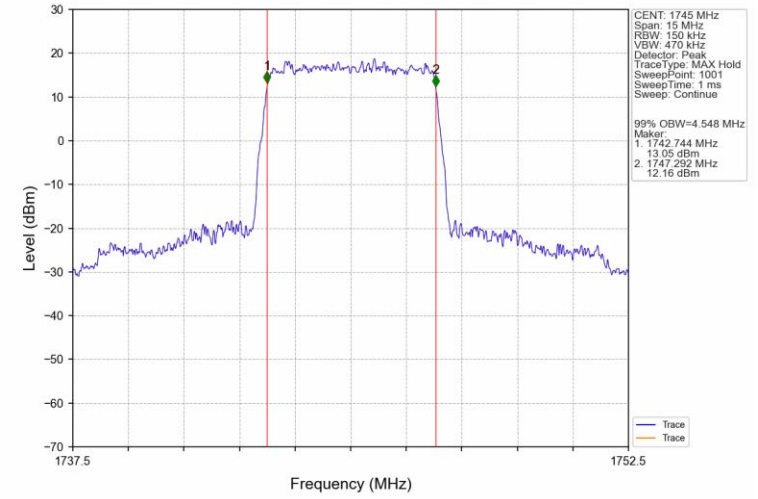
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



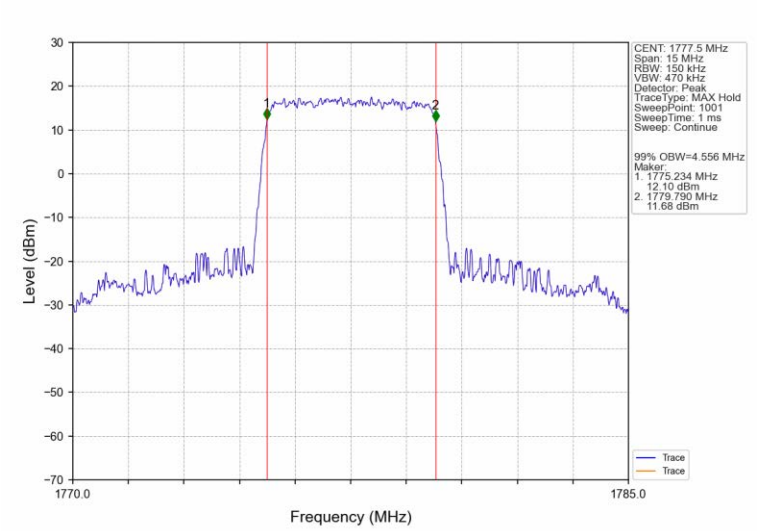
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



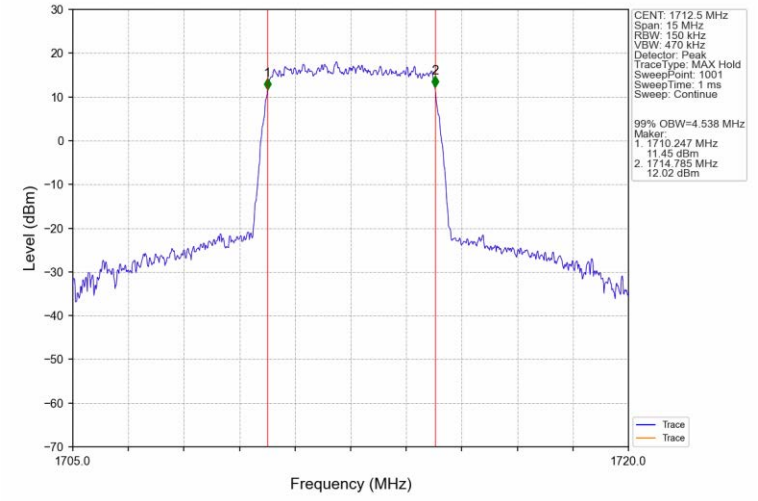
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



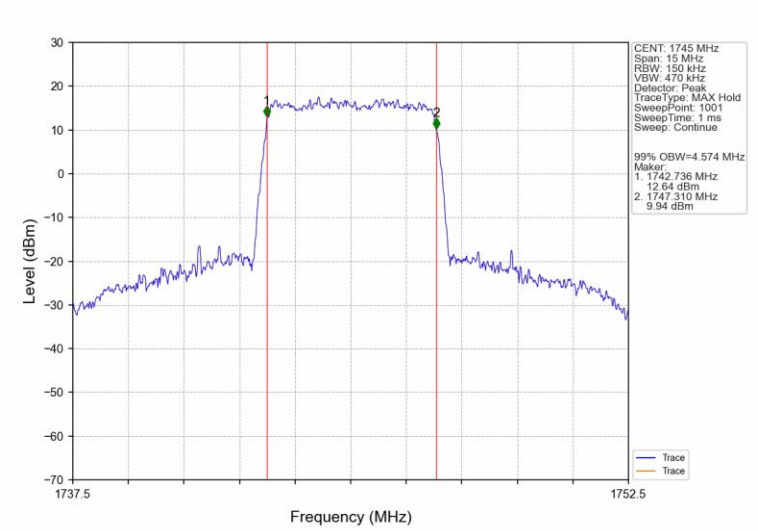
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



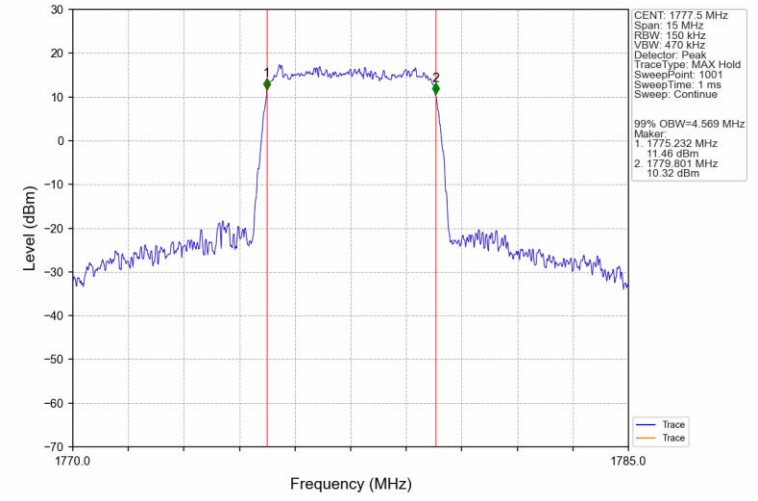
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



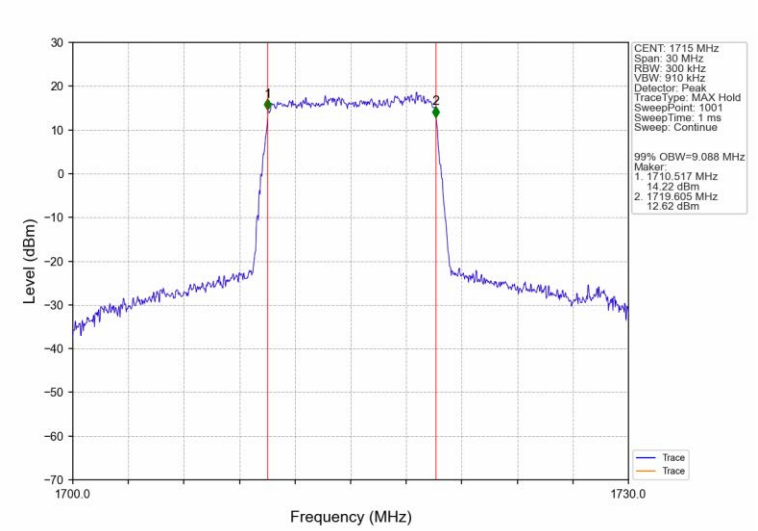
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



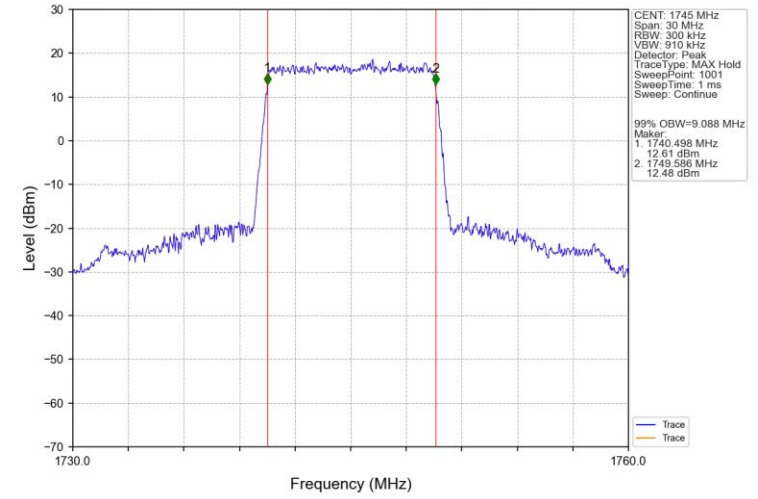
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



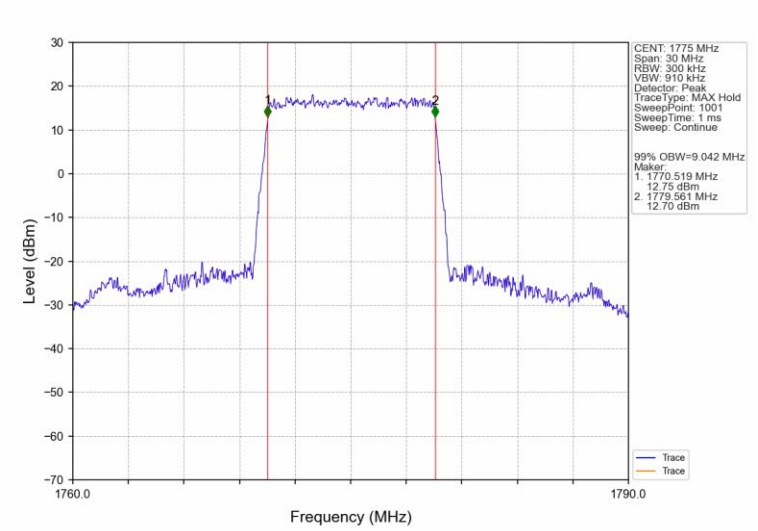
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



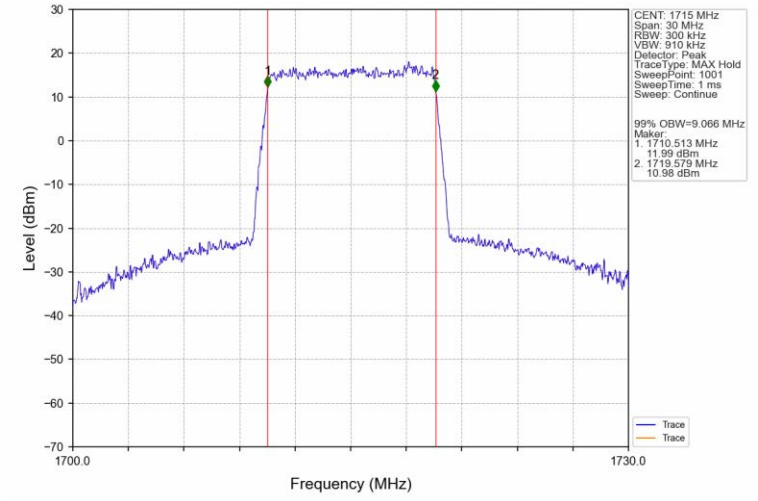
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



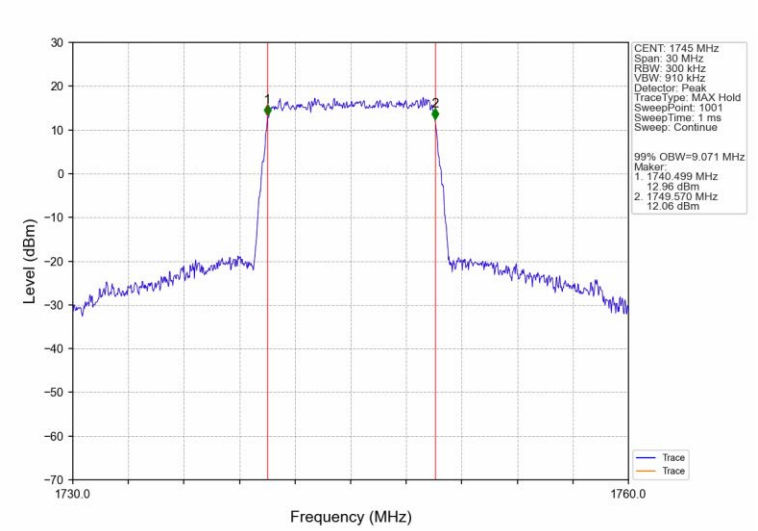
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



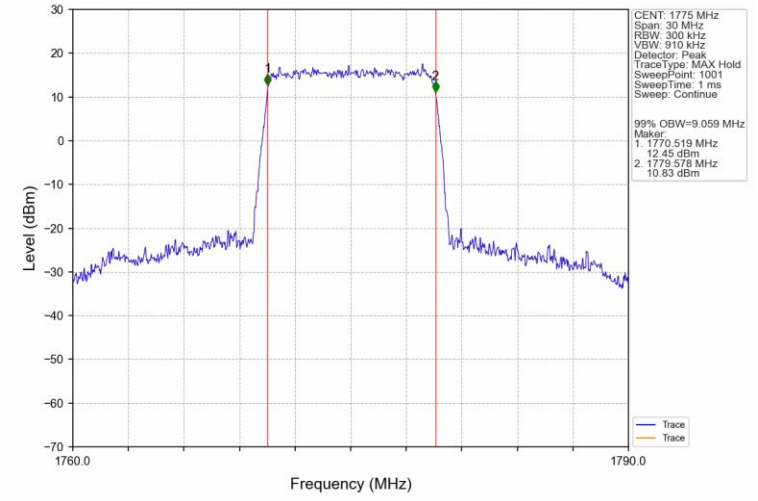
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



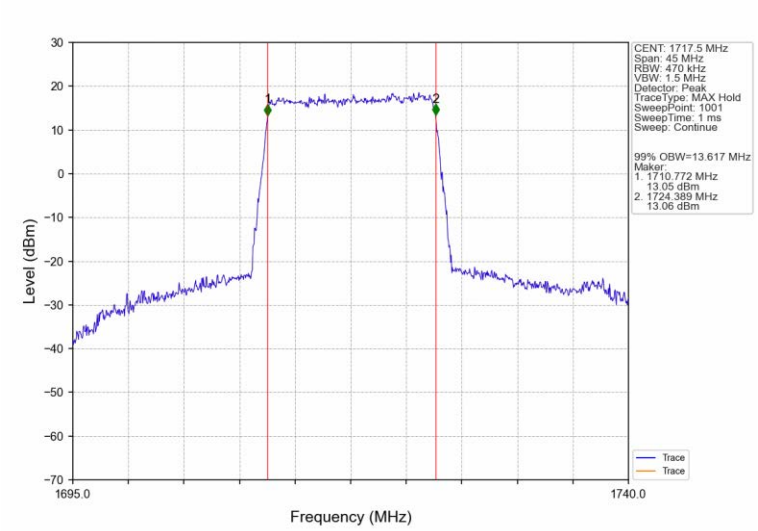
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



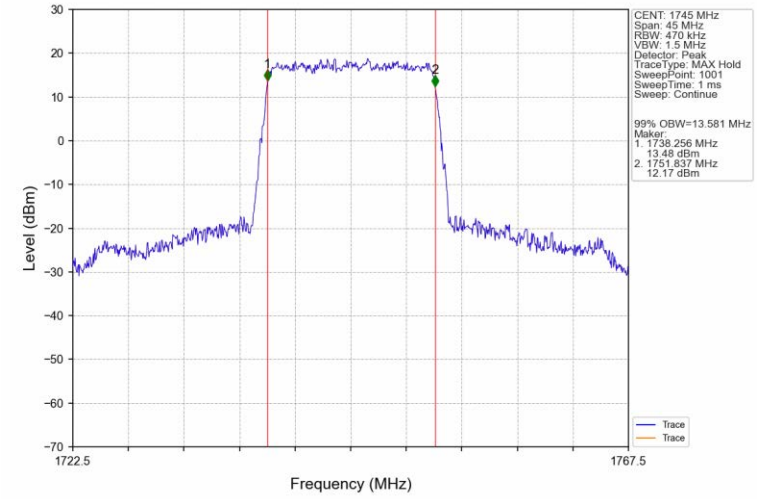
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



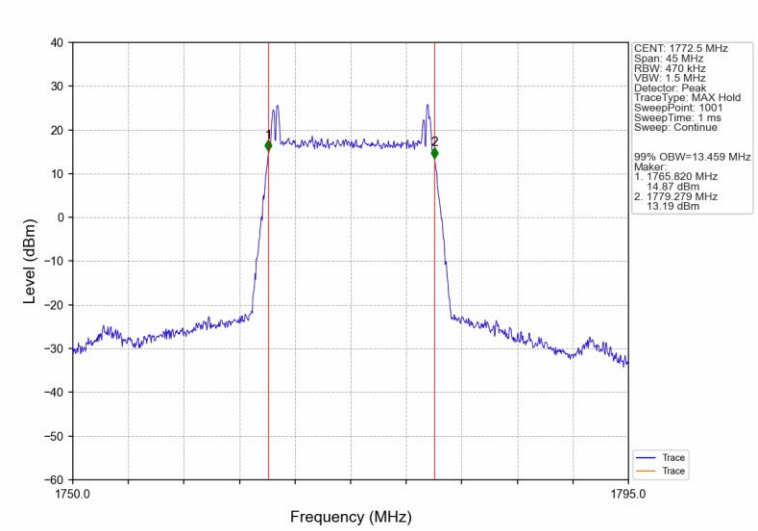
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



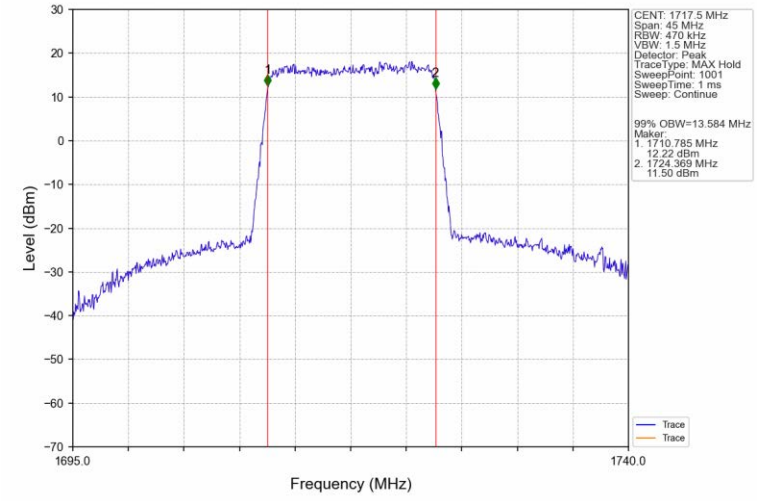
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



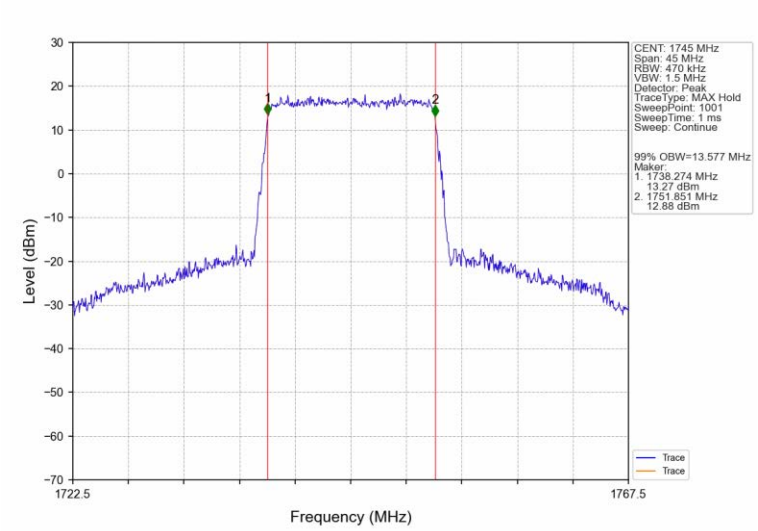
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



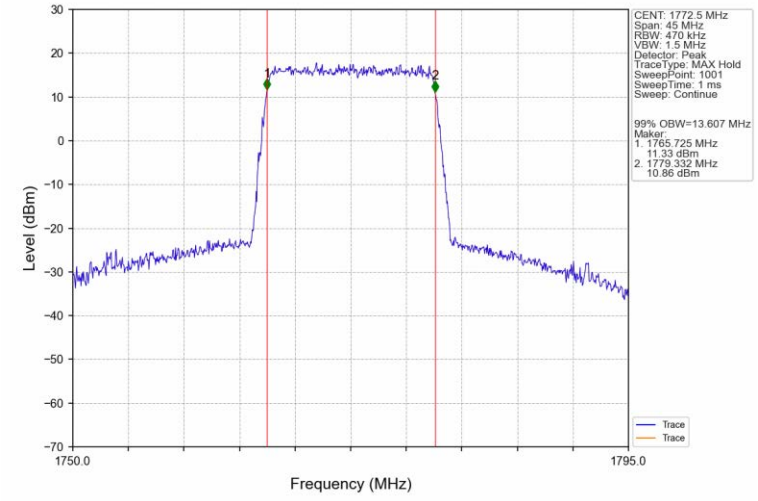
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



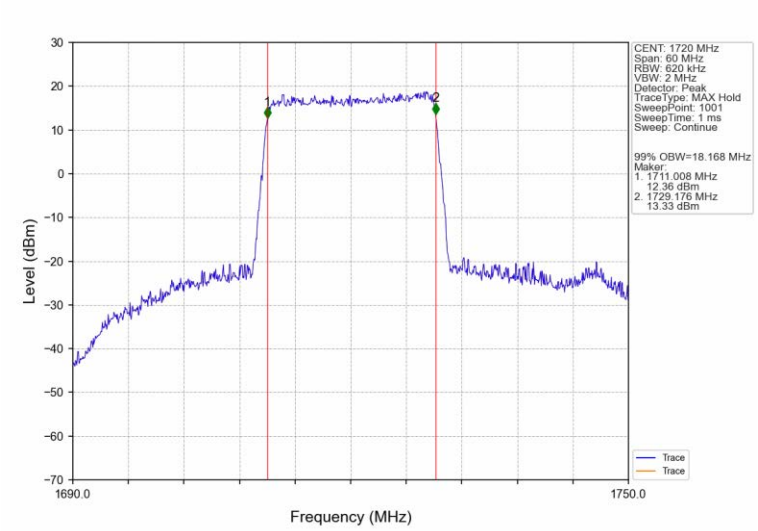
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



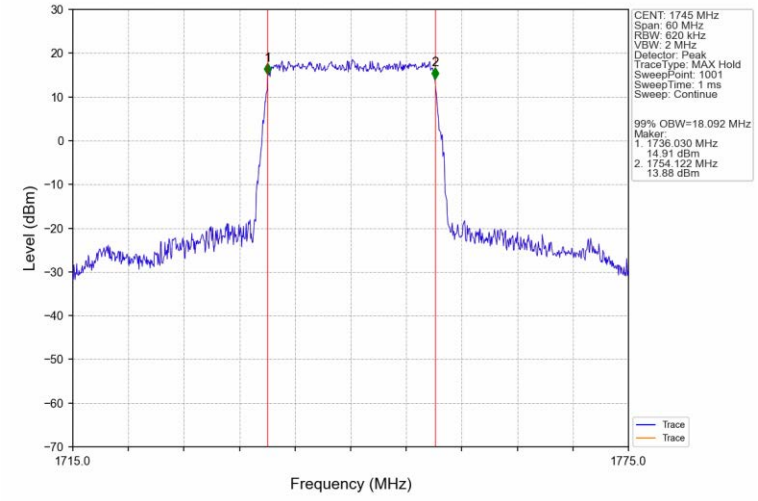
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



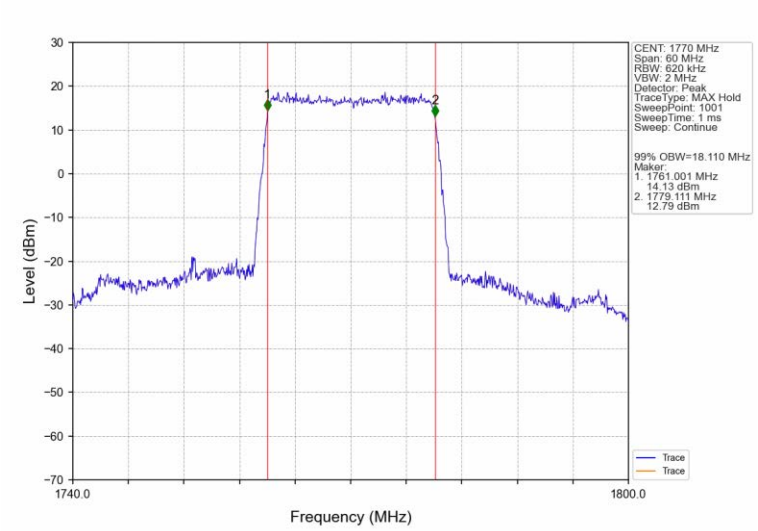
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



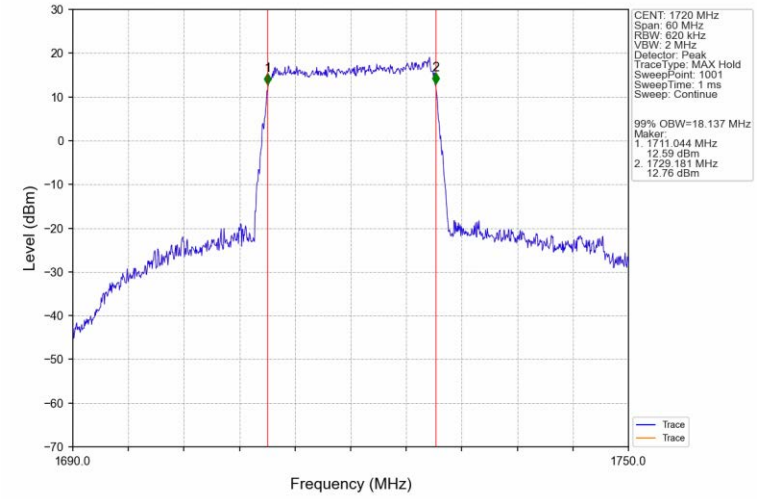
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



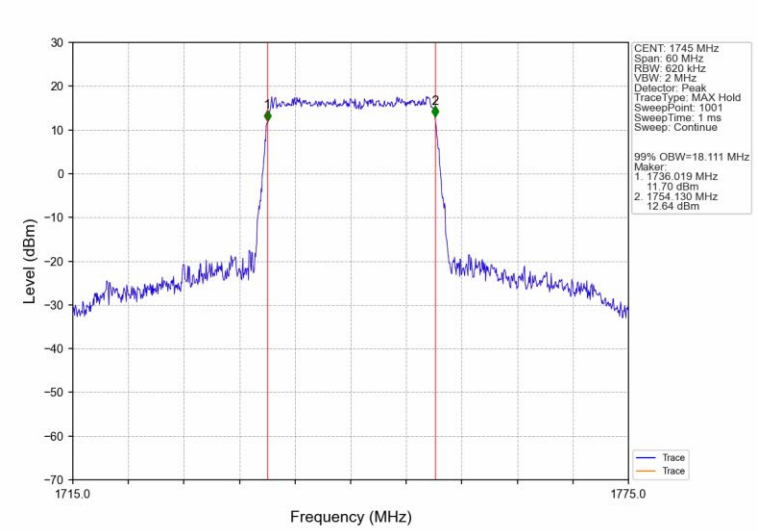
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



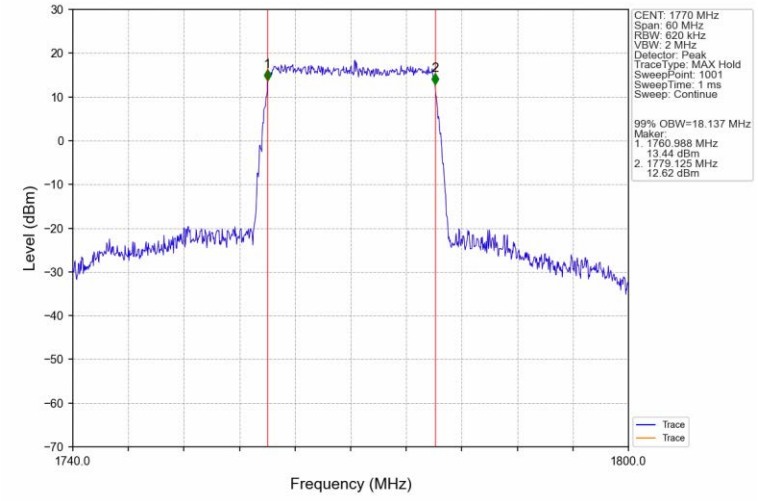
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



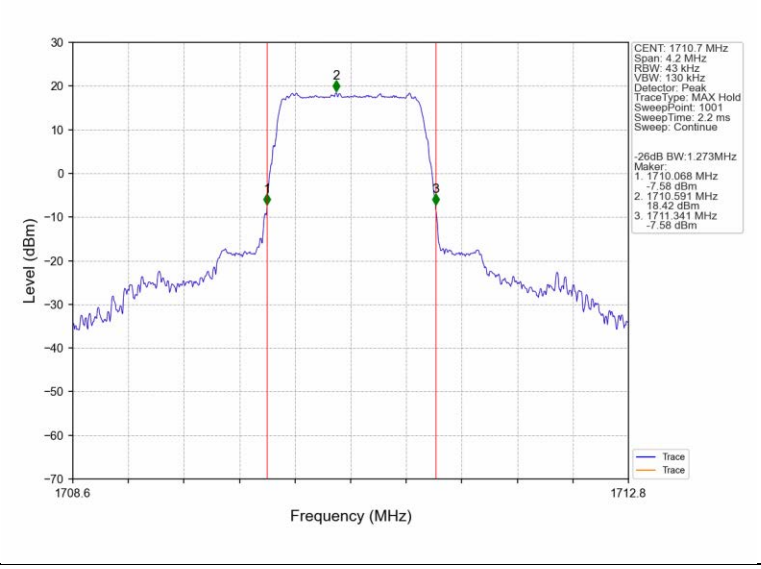
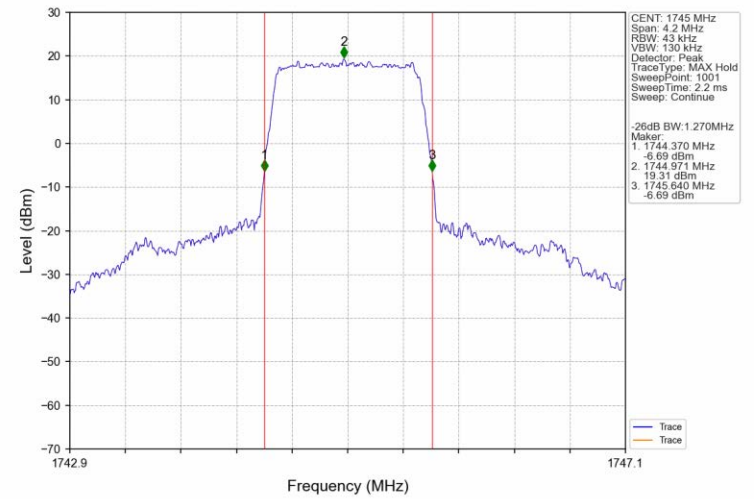
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



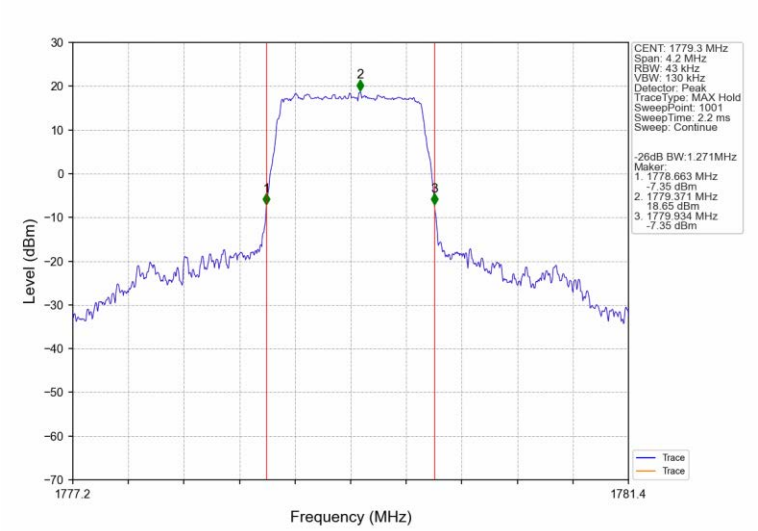
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



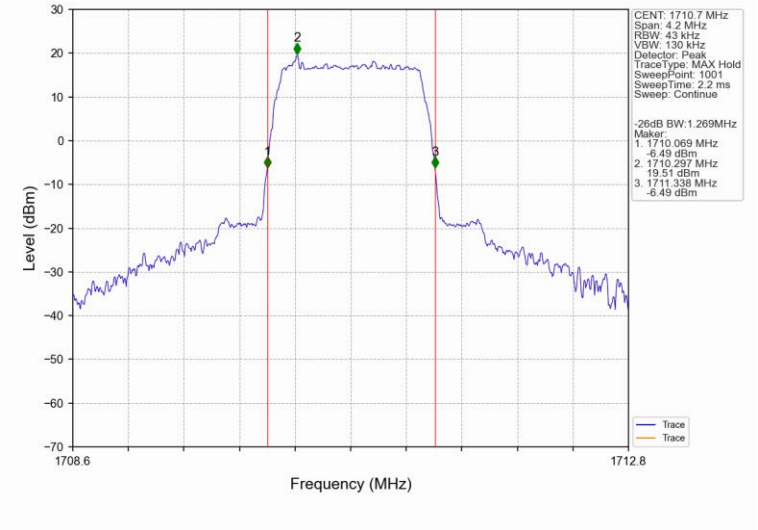
4.2.2 Band66_XDB

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV


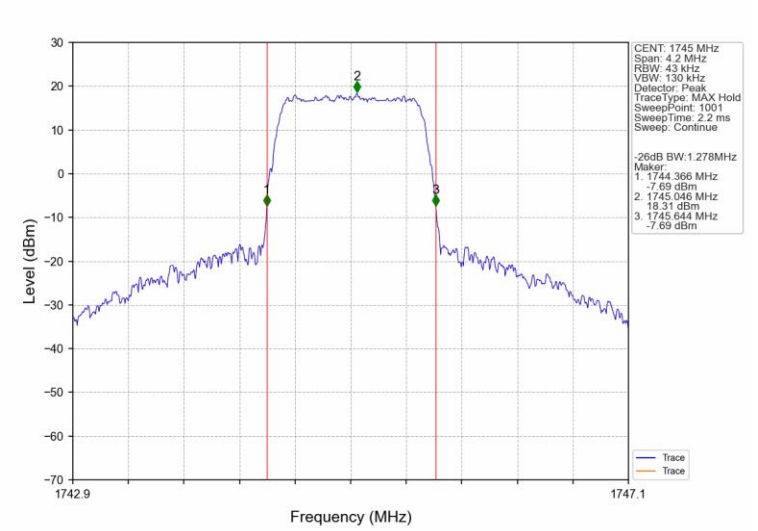
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



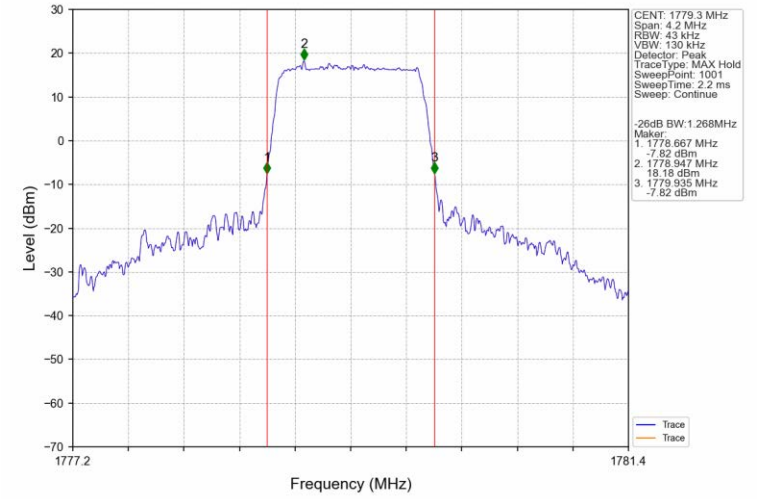
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



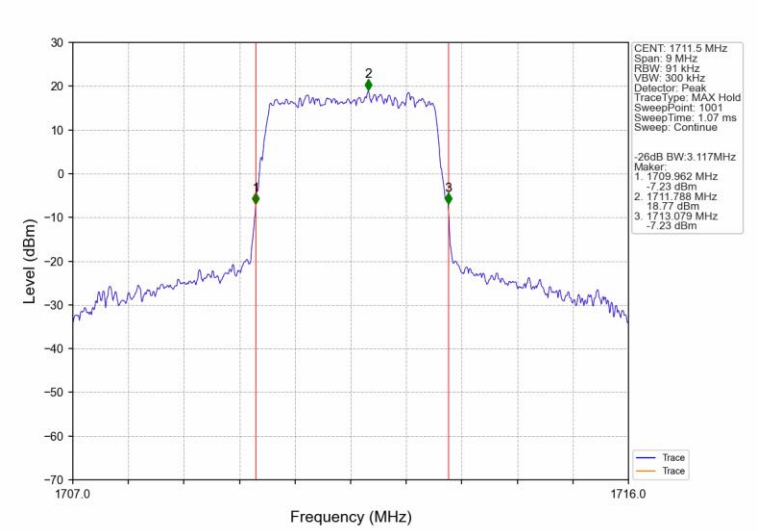
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



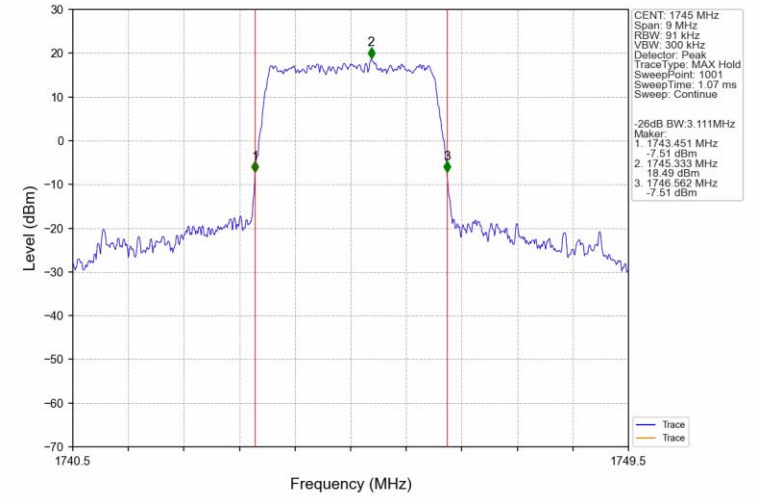
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



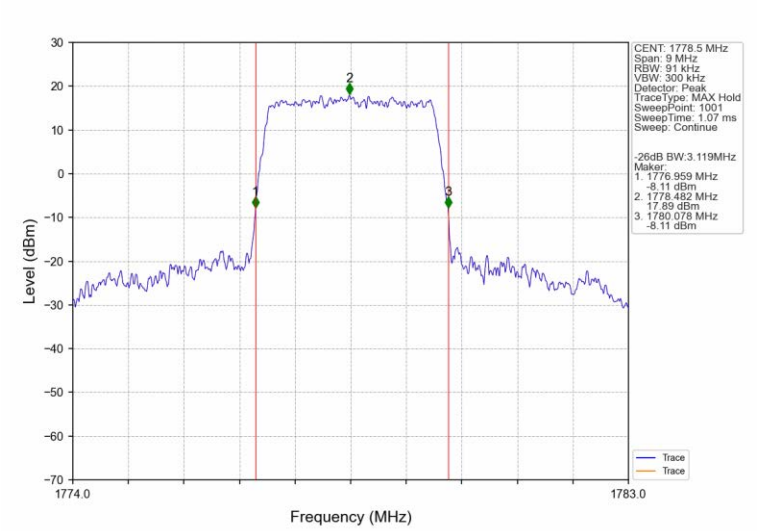
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



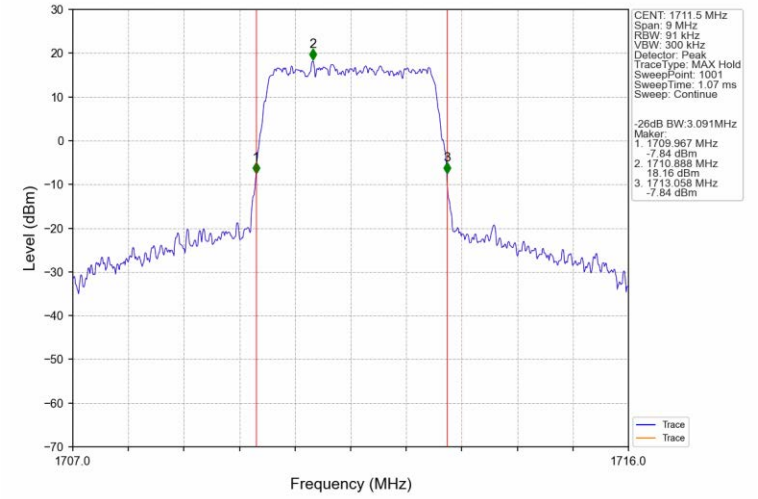
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



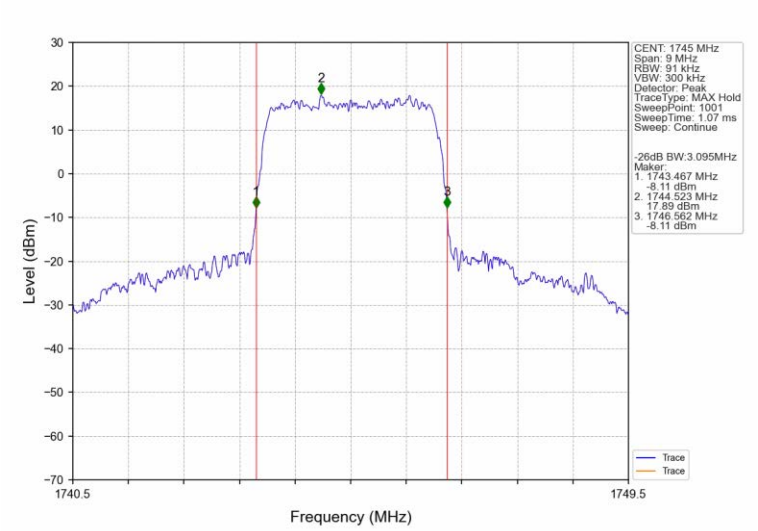
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



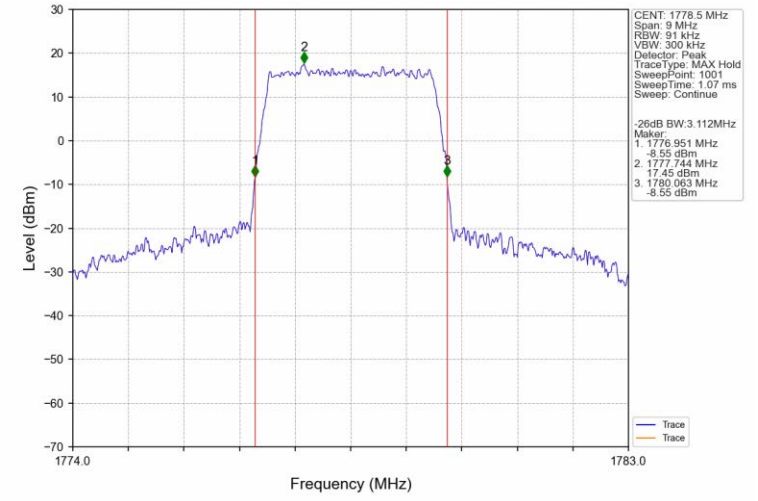
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



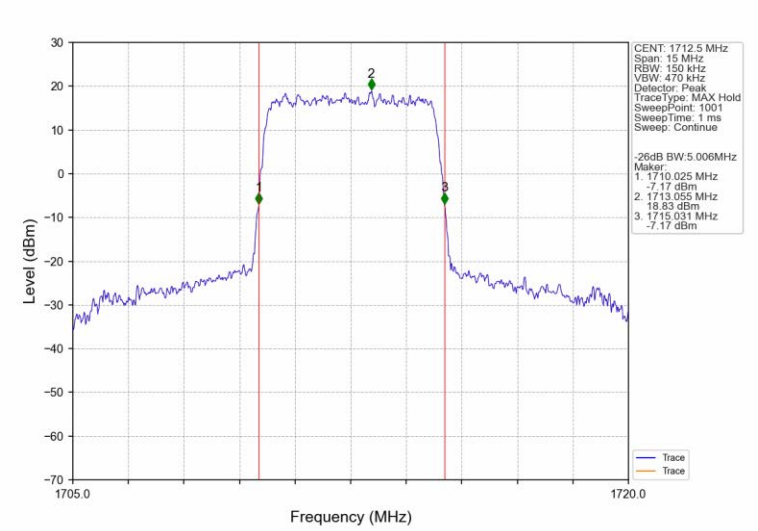
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



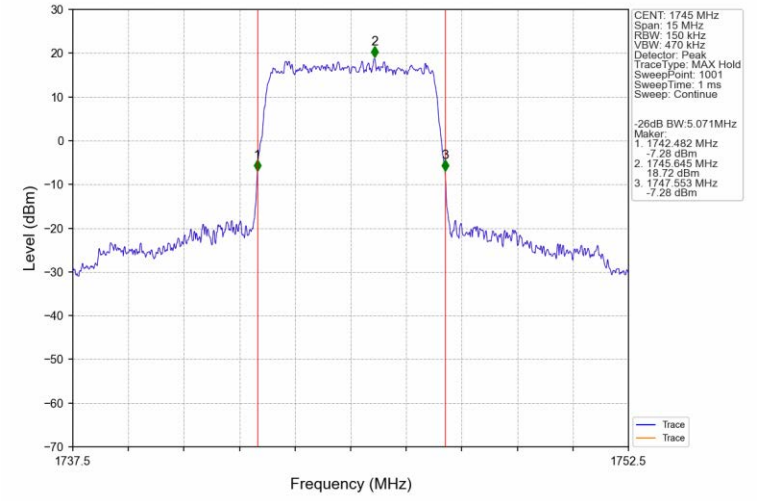
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



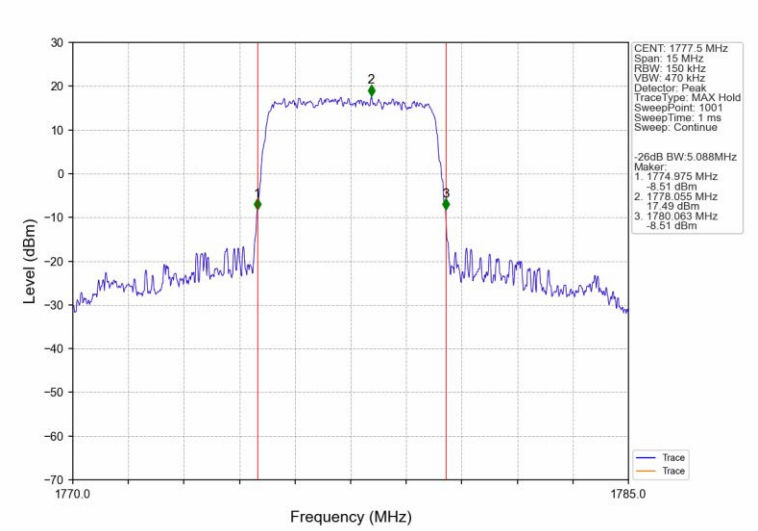
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



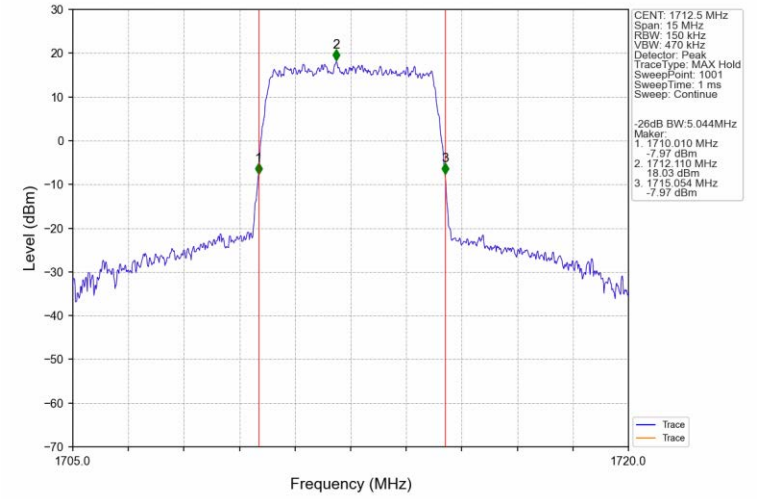
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



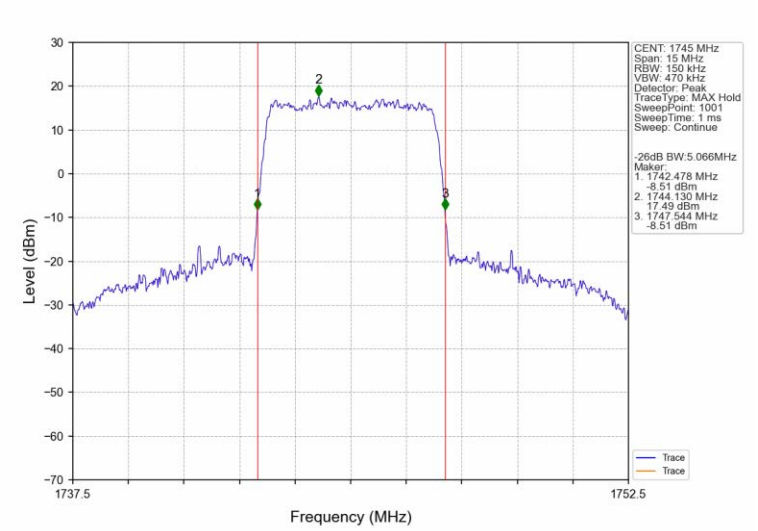
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



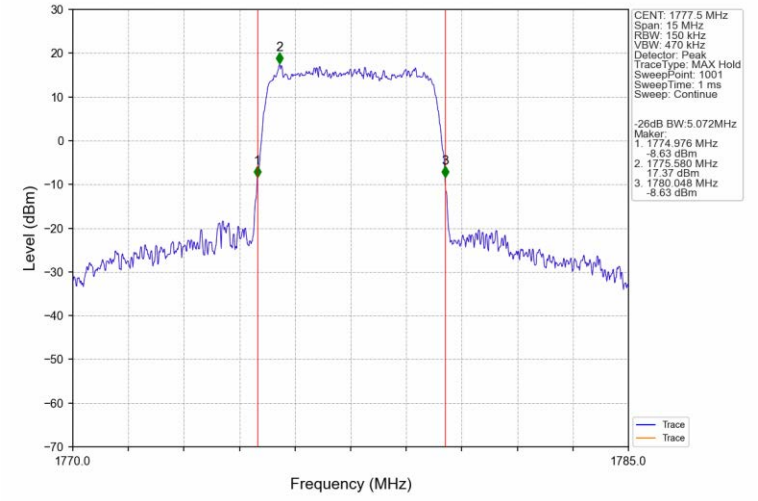
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



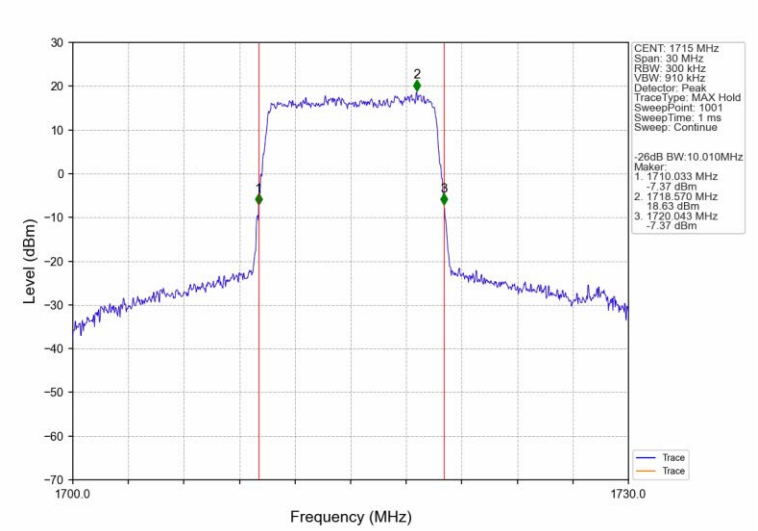
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



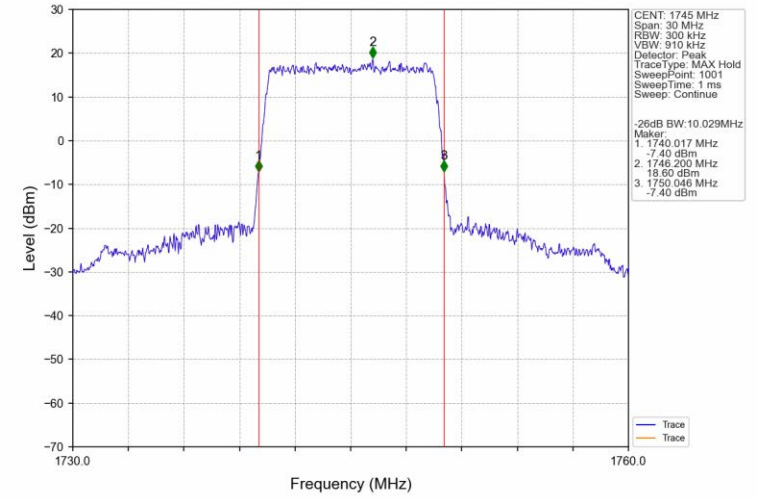
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



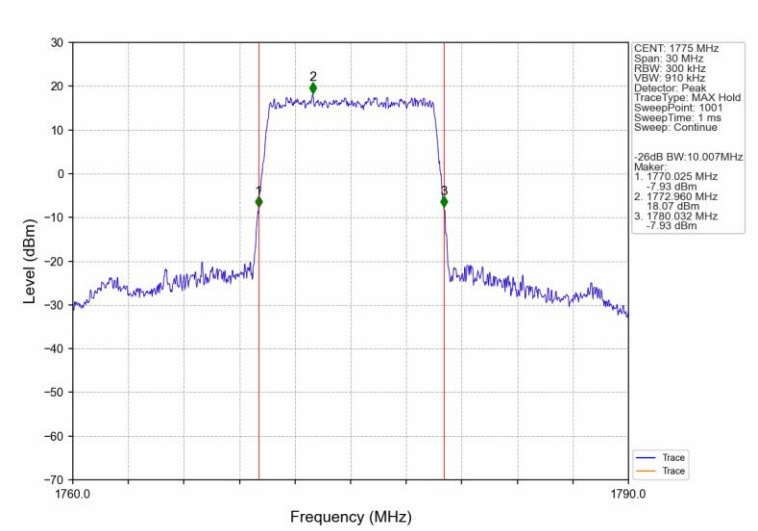
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



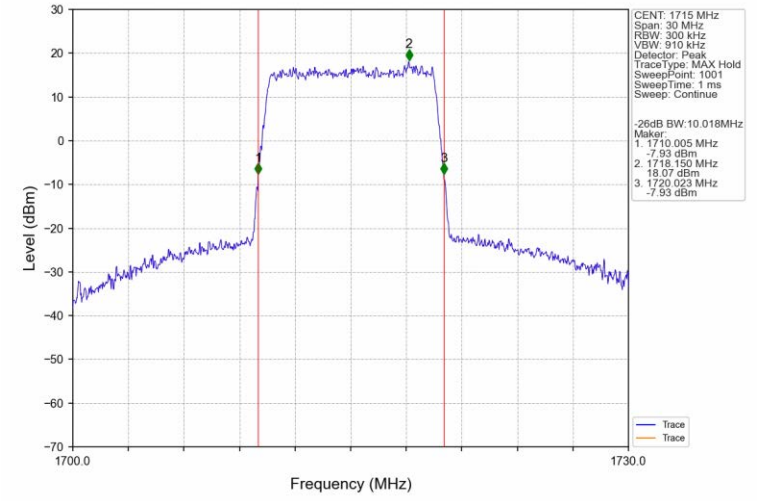
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



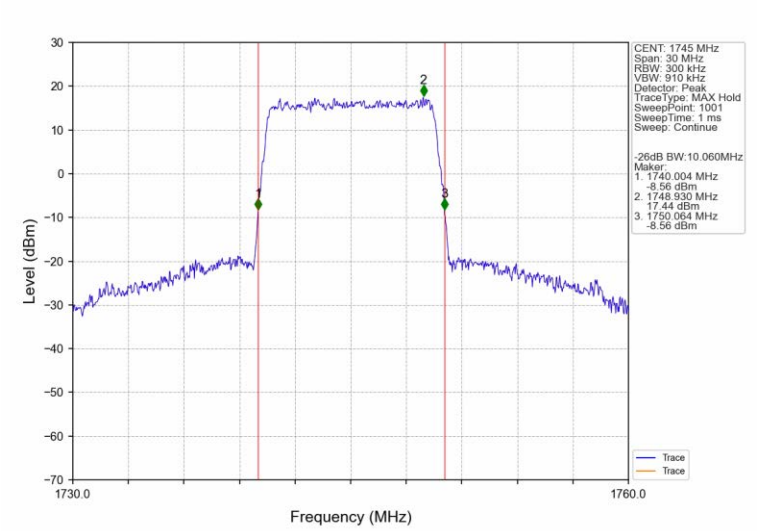
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



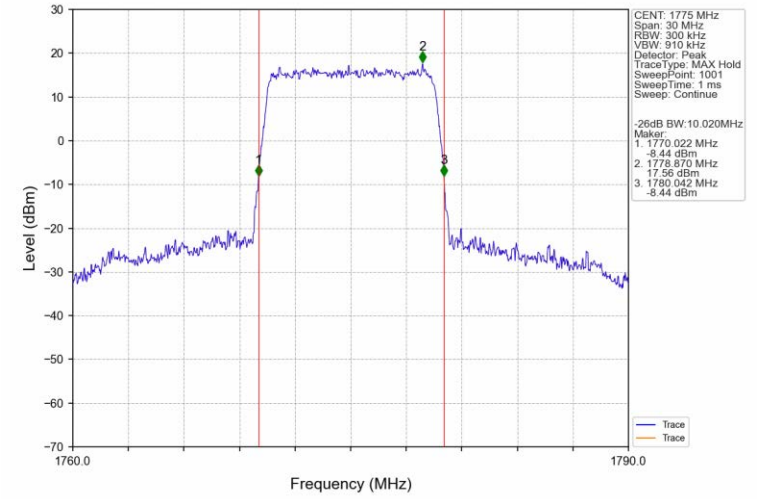
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



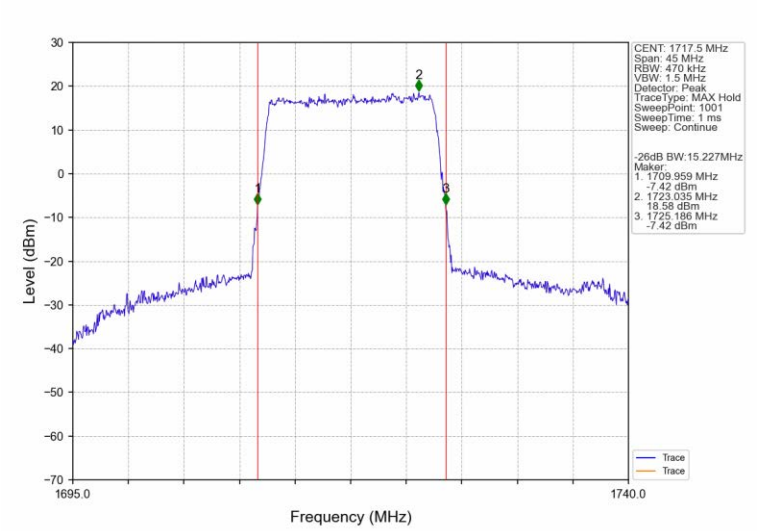
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



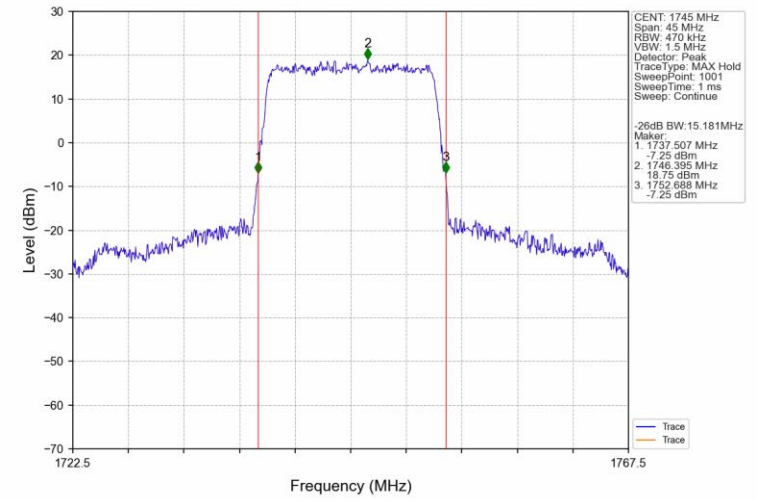
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



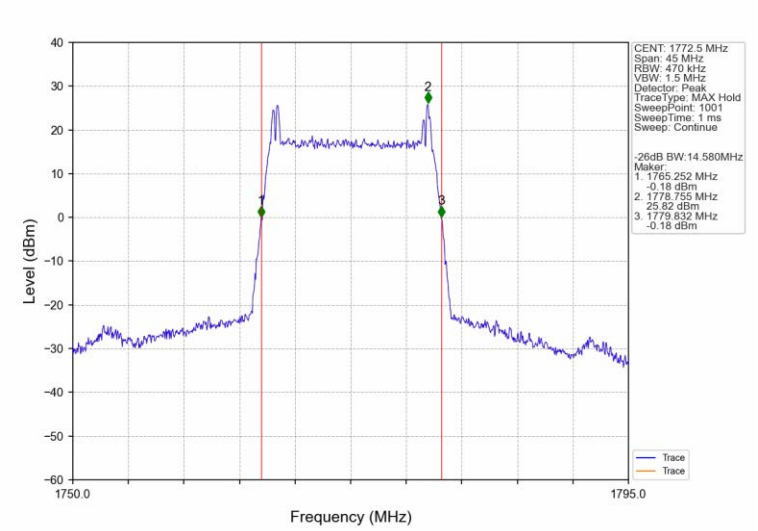
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



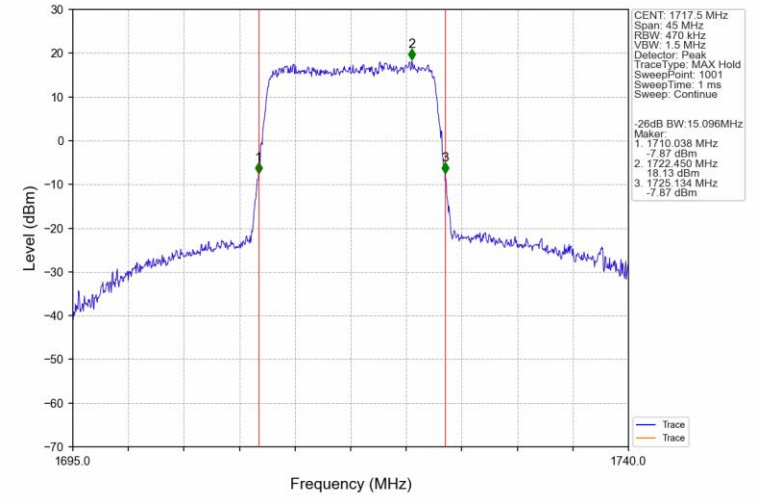
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



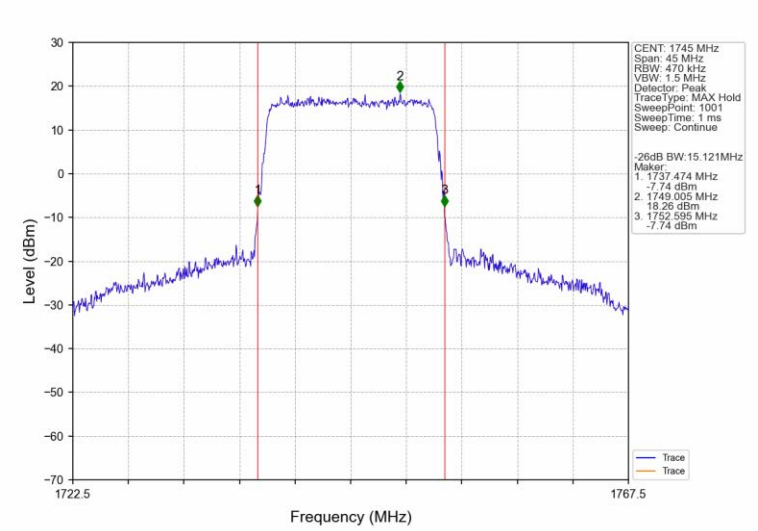
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



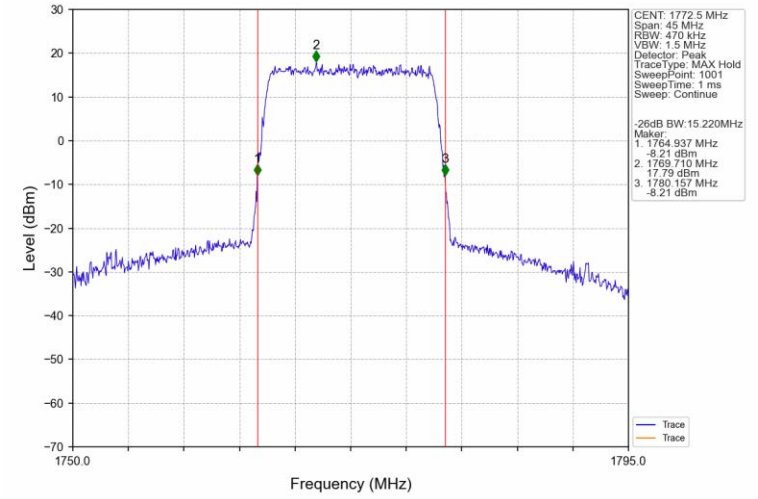
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



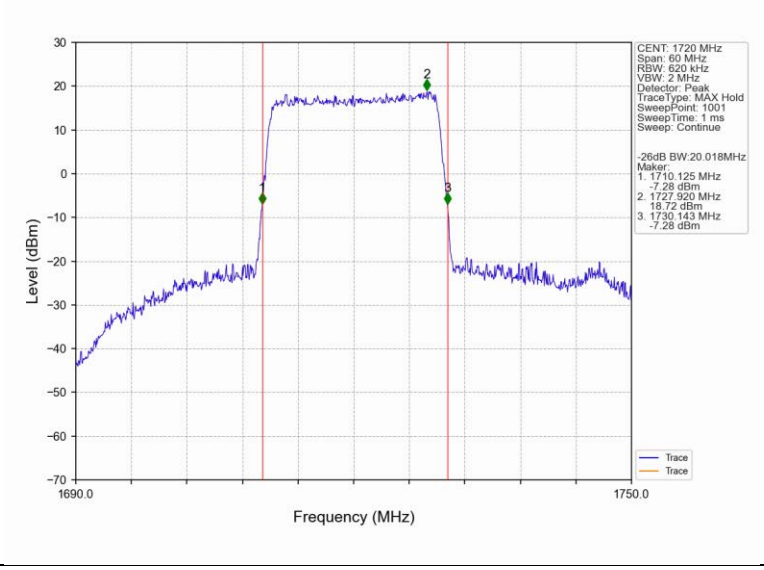
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



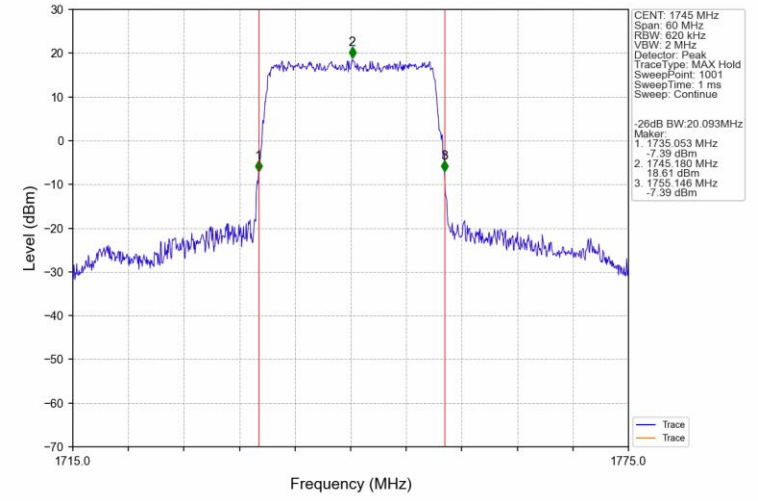
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



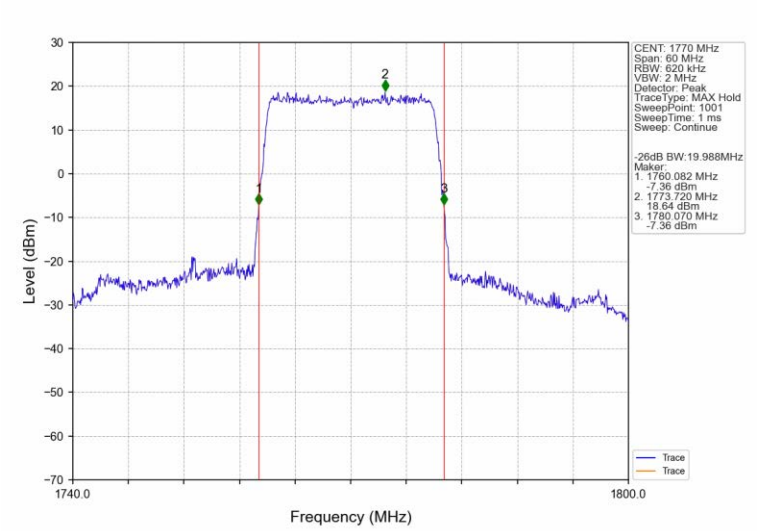
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



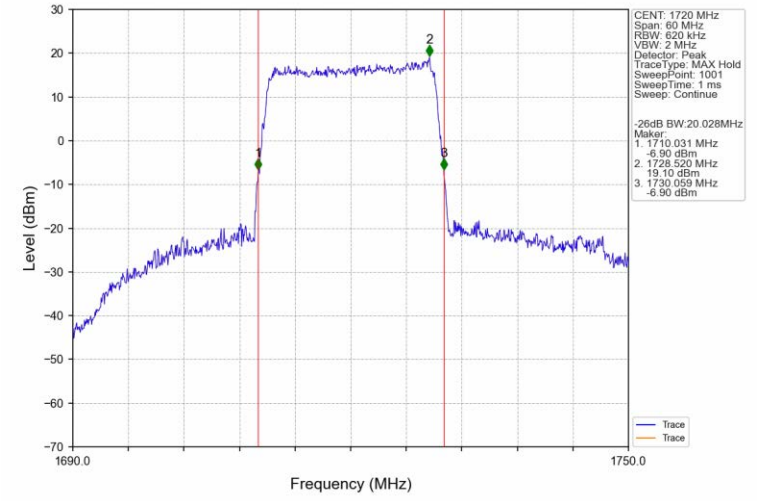
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



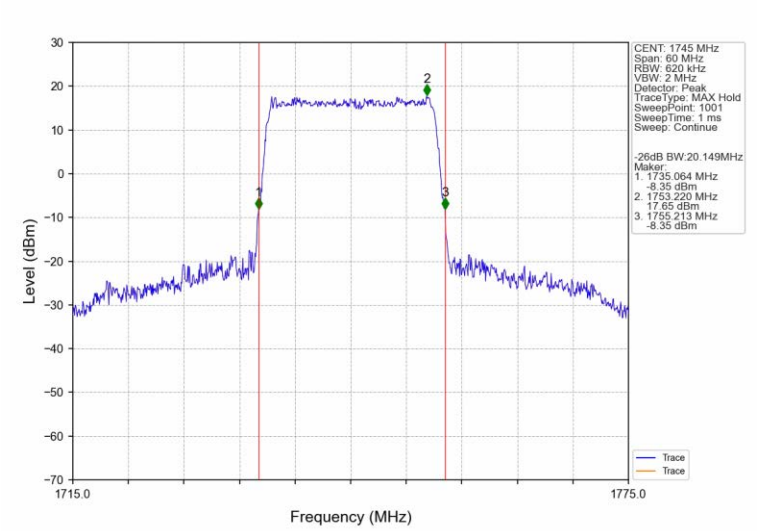
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



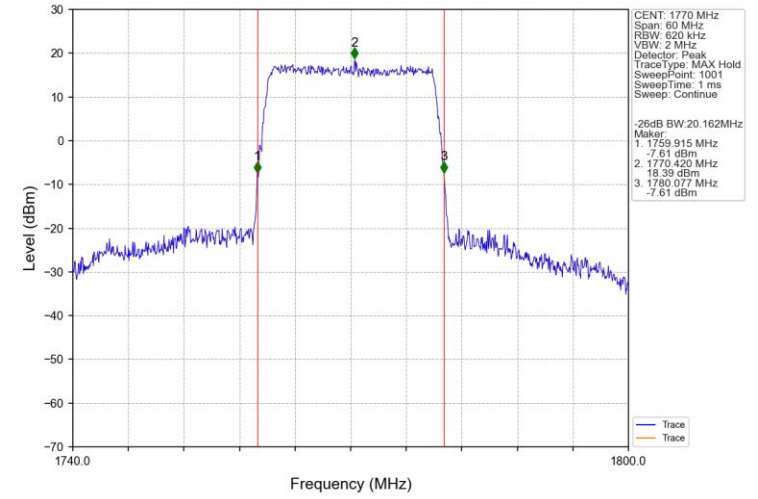
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.72	<=13	Pass
	1745	6	0	5.02	<=13	Pass
	1779.3	6	0	5.01	<=13	Pass
16QAM	1710.7	6	0	6.51	<=13	Pass
	1745	6	0	5.86	<=13	Pass
	1779.3	6	0	5.83	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.70	<=13	Pass
	1745	15	0	5.22	<=13	Pass
	1778.5	15	0	5.20	<=13	Pass
16QAM	1711.5	15	0	6.61	<=13	Pass
	1745	15	0	6.04	<=13	Pass
	1778.5	15	0	5.99	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.77	<=13	Pass
	1745	25	0	5.32	<=13	Pass
	1777.5	25	0	5.46	<=13	Pass
16QAM	1712.5	25	0	6.50	<=13	Pass
	1745	25	0	6.09	<=13	Pass
	1777.5	25	0	6.31	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.82	<=13	Pass
	1745	50	0	5.37	<=13	Pass
	1775	50	0	5.54	<=13	Pass
16QAM	1715	50	0	6.57	<=13	Pass
	1745	50	0	6.12	<=13	Pass
	1775	50	0	6.31	<=13	Pass

5.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.27	<=13	Pass
	1745	75	0	5.12	<=13	Pass
	1772.5	75	0	5.26	<=13	Pass
16QAM	1717.5	75	0	6.29	<=13	Pass
	1745	75	0	6.13	<=13	Pass
	1772.5	75	0	6.27	<=13	Pass

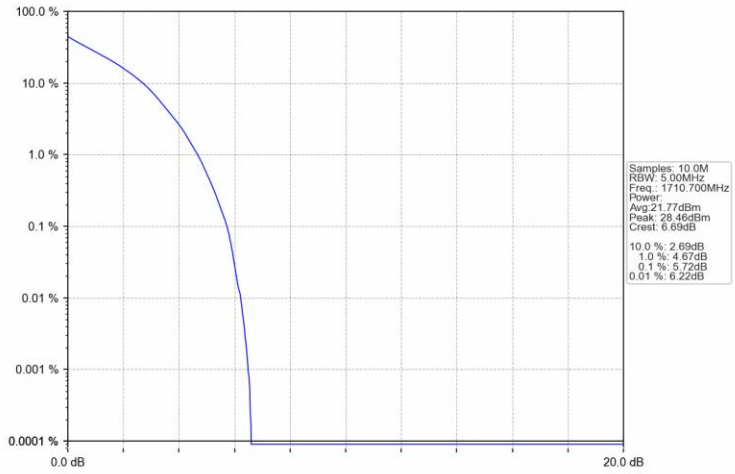
5.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.62	<=13	Pass
	1745	100	0	5.66	<=13	Pass
	1770	100	0	5.68	<=13	Pass
16QAM	1720	100	0	6.68	<=13	Pass
	1745	100	0	6.59	<=13	Pass
	1770	100	0	6.66	<=13	Pass

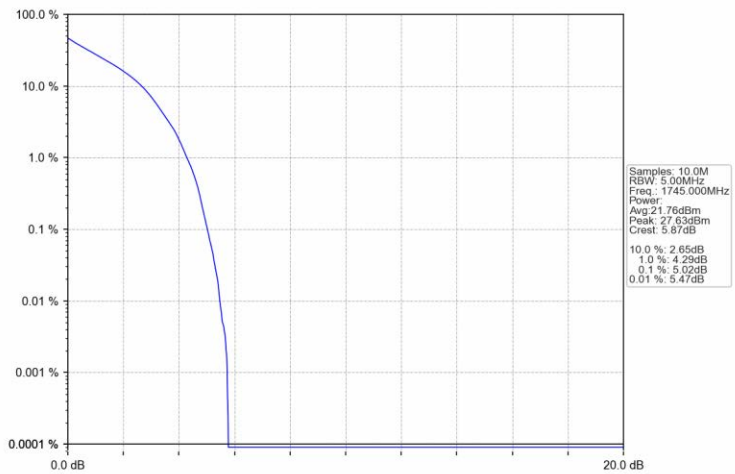
5.2 Test Graph

5.2.1 B66_1.4MHz

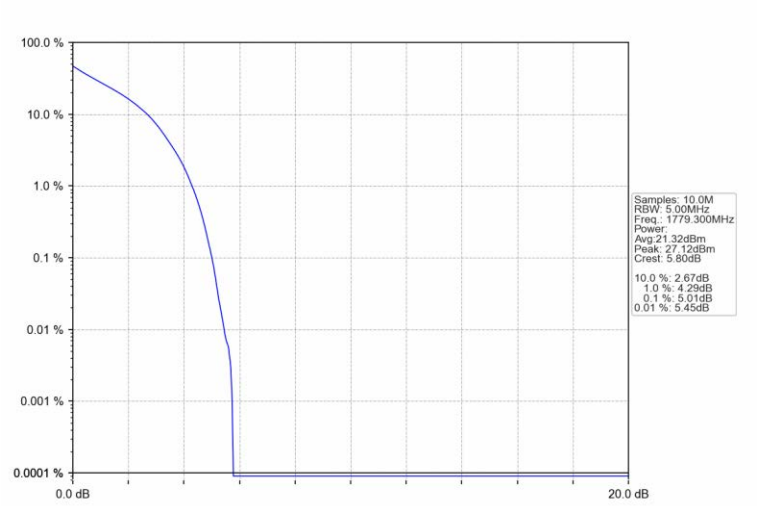
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



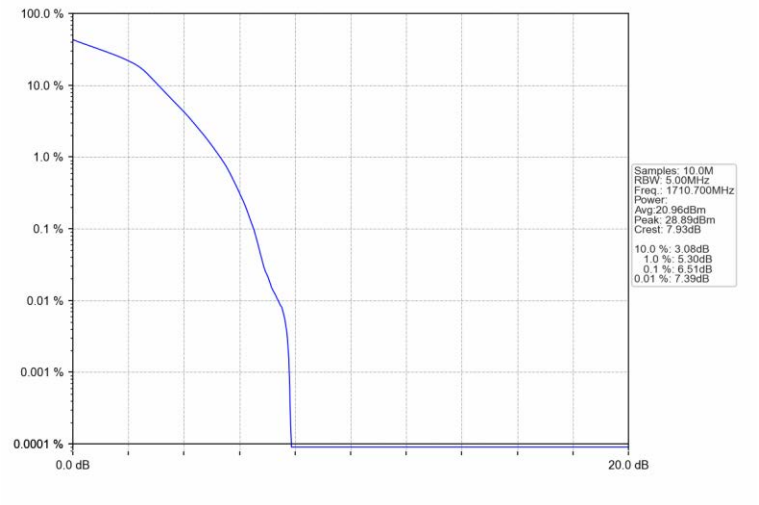
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



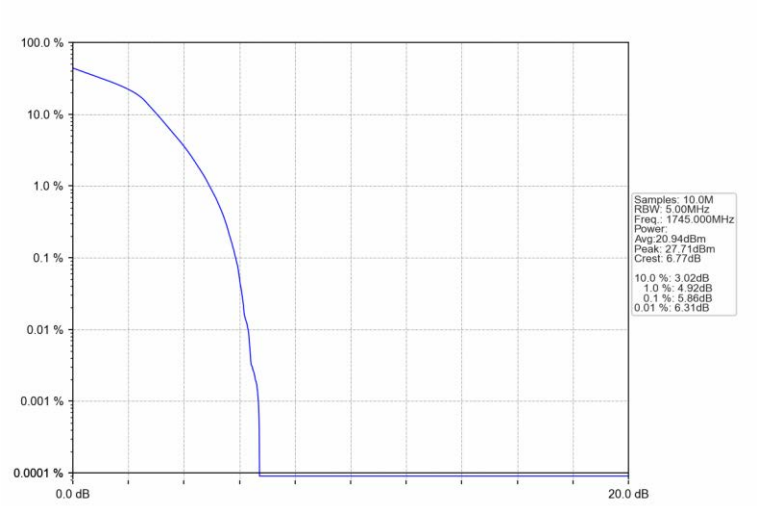
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



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