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	23.36	-0.31	23.05	<=30	Pass
			2	23.51	-0.31	23.20	<=30	Pass
			5	23.28	-0.31	22.97	<=30	Pass
		3	0	23.30	-0.31	22.99	<=30	Pass
			2	23.35	-0.31	23.04	<=30	Pass
			3	23.34	-0.31	23.03	<=30	Pass
		6	0	22.42	-0.31	22.11	<=30	Pass
	1745	1	0	23.36	-0.31	23.05	<=30	Pass
			2	23.51	-0.31	23.20	<=30	Pass
			5	23.34	-0.31	23.03	<=30	Pass
		3	0	23.24	-0.31	22.93	<=30	Pass
			2	23.22	-0.31	22.91	<=30	Pass
			3	23.23	-0.31	22.92	<=30	Pass
		6	0	22.39	-0.31	22.08	<=30	Pass
	1779.3	1	0	22.98	-0.31	22.67	<=30	Pass
			2	23.16	-0.31	22.85	<=30	Pass
			5	22.96	-0.31	22.65	<=30	Pass
		3	0	23.04	-0.31	22.73	<=30	Pass
			2	22.99	-0.31	22.68	<=30	Pass
			3	22.95	-0.31	22.64	<=30	Pass
		6	0	22.02	-0.31	21.71	<=30	Pass
16QAM	1710.7	1	0	22.17	-0.31	21.86	<=30	Pass
			2	22.35	-0.31	22.04	<=30	Pass
			5	22.17	-0.31	21.86	<=30	Pass
		3	0	22.36	-0.31	22.05	<=30	Pass
			2	22.28	-0.31	21.97	<=30	Pass
			3	22.36	-0.31	22.05	<=30	Pass
		6	0	21.27	-0.31	20.96	<=30	Pass
	1745	1	0	22.45	-0.31	22.14	<=30	Pass
			2	22.61	-0.31	22.30	<=30	Pass
			5	22.43	-0.31	22.12	<=30	Pass
		3	0	22.23	-0.31	21.92	<=30	Pass
			2	22.19	-0.31	21.88	<=30	Pass
			3	22.23	-0.31	21.92	<=30	Pass
		6	0	21.28	-0.31	20.97	<=30	Pass
	1779.3	1	0	21.76	-0.31	21.45	<=30	Pass
			2	21.89	-0.31	21.58	<=30	Pass
			5	21.46	-0.31	21.15	<=30	Pass
		3	0	21.74	-0.31	21.43	<=30	Pass
			2	21.75	-0.31	21.44	<=30	Pass
			3	21.73	-0.31	21.42	<=30	Pass
		6	0	20.95	-0.31	20.64	<=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	23.53	-0.31	23.22	<=30	Pass
			7	23.46	-0.31	23.15	<=30	Pass
			14	23.53	-0.31	23.22	<=30	Pass
		8	0	22.47	-0.31	22.16	<=30	Pass
			4	22.46	-0.31	22.15	<=30	Pass
			7	22.38	-0.31	22.07	<=30	Pass
		15	0	21.99	-0.31	21.68	<=30	Pass
	1745	1	0	23.50	-0.31	23.19	<=30	Pass
			7	23.42	-0.31	23.11	<=30	Pass
			14	23.48	-0.31	23.17	<=30	Pass
		8	0	22.35	-0.31	22.04	<=30	Pass
			4	22.40	-0.31	22.09	<=30	Pass
			7	22.32	-0.31	22.01	<=30	Pass
		15	0	22.27	-0.31	21.96	<=30	Pass
	1778.5	1	0	23.03	-0.31	22.72	<=30	Pass
			7	22.92	-0.31	22.61	<=30	Pass
			14	23.01	-0.31	22.70	<=30	Pass
		8	0	22.01	-0.31	21.70	<=30	Pass
			4	22.05	-0.31	21.74	<=30	Pass
			7	22.00	-0.31	21.69	<=30	Pass
		15	0	21.95	-0.31	21.64	<=30	Pass
16QAM	1711.5	1	0	22.17	-0.31	21.86	<=30	Pass
			7	22.20	-0.31	21.89	<=30	Pass
			14	22.26	-0.31	21.95	<=30	Pass
		8	0	20.93	-0.31	20.62	<=30	Pass
			4	20.98	-0.31	20.67	<=30	Pass
			7	20.89	-0.31	20.58	<=30	Pass
		15	0	20.91	-0.31	20.60	<=30	Pass
	1745	1	0	22.16	-0.31	21.85	<=30	Pass
			7	22.07	-0.31	21.76	<=30	Pass
			14	22.12	-0.31	21.81	<=30	Pass
		8	0	21.24	-0.31	20.93	<=30	Pass
			4	21.22	-0.31	20.91	<=30	Pass
			7	21.16	-0.31	20.85	<=30	Pass
		15	0	21.21	-0.31	20.90	<=30	Pass
	1778.5	1	0	21.84	-0.31	21.53	<=30	Pass
			7	21.46	-0.31	21.15	<=30	Pass
			14	21.64	-0.31	21.33	<=30	Pass
		8	0	21.02	-0.31	20.71	<=30	Pass
			4	21.06	-0.31	20.75	<=30	Pass
			7	20.97	-0.31	20.66	<=30	Pass
		15	0	20.96	-0.31	20.65	<=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	23.28	-0.31	22.97	<=30	Pass
			13	23.38	-0.31	23.07	<=30	Pass
			24	23.27	-0.31	22.96	<=30	Pass
		12	0	22.27	-0.31	21.96	<=30	Pass
			6	22.22	-0.31	21.91	<=30	Pass
			13	22.01	-0.31	21.70	<=30	Pass

		25	0	21.84	-0.31	21.53	<=30	Pass
	1745	1	0	23.18	-0.31	22.87	<=30	Pass
			13	23.32	-0.31	23.01	<=30	Pass
			24	23.18	-0.31	22.87	<=30	Pass
		12	0	22.15	-0.31	21.84	<=30	Pass
			6	22.17	-0.31	21.86	<=30	Pass
			13	22.09	-0.31	21.78	<=30	Pass
		25	0	22.15	-0.31	21.84	<=30	Pass
	1777.5	1	0	22.31	-0.31	22.00	<=30	Pass
			13	22.44	-0.31	22.13	<=30	Pass
			24	22.30	-0.31	21.99	<=30	Pass
		12	0	21.38	-0.31	21.07	<=30	Pass
			6	21.48	-0.31	21.17	<=30	Pass
			13	21.44	-0.31	21.13	<=30	Pass
		25	0	21.45	-0.31	21.14	<=30	Pass
16QAM	1712.5	1	0	21.59	-0.31	21.28	<=30	Pass
			13	21.76	-0.31	21.45	<=30	Pass
			24	21.69	-0.31	21.38	<=30	Pass
		12	0	20.86	-0.31	20.55	<=30	Pass
			6	20.92	-0.31	20.61	<=30	Pass
			13	20.83	-0.31	20.52	<=30	Pass
		25	0	20.91	-0.31	20.60	<=30	Pass
	1745	1	0	22.43	-0.31	22.12	<=30	Pass
			13	22.50	-0.31	22.19	<=30	Pass
			24	22.35	-0.31	22.04	<=30	Pass
		12	0	21.13	-0.31	20.82	<=30	Pass
			6	21.19	-0.31	20.88	<=30	Pass
			13	21.07	-0.31	20.76	<=30	Pass
		25	0	21.12	-0.31	20.81	<=30	Pass
	1777.5	1	0	21.51	-0.31	21.20	<=30	Pass
			13	21.58	-0.31	21.27	<=30	Pass
			24	21.40	-0.31	21.09	<=30	Pass
		12	0	20.39	-0.31	20.08	<=30	Pass
			6	20.50	-0.31	20.19	<=30	Pass
			13	20.48	-0.31	20.17	<=30	Pass
		25	0	20.43	-0.31	20.12	<=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	23.41	-0.31	23.10	<=30	Pass
			25	23.48	-0.31	23.17	<=30	Pass
			49	23.11	-0.31	22.80	<=30	Pass
		25	0	21.97	-0.31	21.66	<=30	Pass
			13	21.94	-0.31	21.63	<=30	Pass
			25	21.91	-0.31	21.60	<=30	Pass
		50	0	21.93	-0.31	21.62	<=30	Pass
	1745	1	0	22.81	-0.31	22.50	<=30	Pass
			25	23.01	-0.31	22.70	<=30	Pass
			49	22.74	-0.31	22.43	<=30	Pass
		25	0	21.79	-0.31	21.48	<=30	Pass
			13	21.77	-0.31	21.46	<=30	Pass
			25	21.68	-0.31	21.37	<=30	Pass
		50	0	21.67	-0.31	21.36	<=30	Pass

	1775	1	0	22.45	-0.31	22.14	<=30	Pass
			25	22.60	-0.31	22.29	<=30	Pass
			49	22.37	-0.31	22.06	<=30	Pass
		25	0	21.50	-0.31	21.19	<=30	Pass
			13	21.55	-0.31	21.24	<=30	Pass
			25	21.63	-0.31	21.32	<=30	Pass
		50	0	21.57	-0.31	21.26	<=30	Pass
16QAM	1715	1	0	22.10	-0.31	21.79	<=30	Pass
			25	22.32	-0.31	22.01	<=30	Pass
			49	22.24	-0.31	21.93	<=30	Pass
		25	0	20.94	-0.31	20.63	<=30	Pass
			13	20.98	-0.31	20.67	<=30	Pass
			25	20.95	-0.31	20.64	<=30	Pass
		50	0	20.95	-0.31	20.64	<=30	Pass
	1745	1	0	21.59	-0.31	21.28	<=30	Pass
			25	21.71	-0.31	21.40	<=30	Pass
			49	21.48	-0.31	21.17	<=30	Pass
		25	0	20.88	-0.31	20.57	<=30	Pass
			13	21.01	-0.31	20.70	<=30	Pass
			25	20.86	-0.31	20.55	<=30	Pass
		50	0	20.96	-0.31	20.65	<=30	Pass
	1775	1	0	21.52	-0.31	21.21	<=30	Pass
			25	21.58	-0.31	21.27	<=30	Pass
			49	21.41	-0.31	21.10	<=30	Pass
		25	0	20.57	-0.31	20.26	<=30	Pass
			13	20.60	-0.31	20.29	<=30	Pass
			25	20.67	-0.31	20.36	<=30	Pass
		50	0	20.57	-0.31	20.26	<=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	23.28	-0.31	22.97	<=30	Pass
			38	22.94	-0.31	22.63	<=30	Pass
			74	22.67	-0.31	22.36	<=30	Pass
		36	0	21.88	-0.31	21.57	<=30	Pass
			18	21.87	-0.31	21.56	<=30	Pass
			39	21.83	-0.31	21.52	<=30	Pass
		75	0	21.92	-0.31	21.61	<=30	Pass
	1745	1	0	22.55	-0.31	22.24	<=30	Pass
			38	22.76	-0.31	22.45	<=30	Pass
			74	22.45	-0.31	22.14	<=30	Pass
		36	0	21.82	-0.31	21.51	<=30	Pass
			18	21.85	-0.31	21.54	<=30	Pass
			39	21.68	-0.31	21.37	<=30	Pass
		75	0	21.82	-0.31	21.51	<=30	Pass
	1772.5	1	0	22.43	-0.31	22.12	<=30	Pass
			38	22.47	-0.31	22.16	<=30	Pass
			74	22.27	-0.31	21.96	<=30	Pass
		36	0	21.47	-0.31	21.16	<=30	Pass
			18	21.54	-0.31	21.23	<=30	Pass
			39	21.52	-0.31	21.21	<=30	Pass
		75	0	21.56	-0.31	21.25	<=30	Pass
16QAM	1717.5	1	0	21.51	-0.31	21.20	<=30	Pass

			38	21.83	-0.31	21.52	<=30	Pass
			74	21.57	-0.31	21.26	<=30	Pass
		36	0	20.86	-0.31	20.55	<=30	Pass
			18	20.90	-0.31	20.59	<=30	Pass
			39	20.85	-0.31	20.54	<=30	Pass
		75	0	20.87	-0.31	20.56	<=30	Pass
	1745	1	0	21.53	-0.31	21.22	<=30	Pass
			38	21.65	-0.31	21.34	<=30	Pass
			74	21.37	-0.31	21.06	<=30	Pass
		36	0	20.71	-0.31	20.40	<=30	Pass
			18	20.73	-0.31	20.42	<=30	Pass
			39	20.60	-0.31	20.29	<=30	Pass
		75	0	20.73	-0.31	20.42	<=30	Pass
	1772.5	1	0	21.34	-0.31	21.03	<=30	Pass
			38	21.47	-0.31	21.16	<=30	Pass
			74	21.21	-0.31	20.90	<=30	Pass
		36	0	20.49	-0.31	20.18	<=30	Pass
			18	20.57	-0.31	20.26	<=30	Pass
			39	20.54	-0.31	20.23	<=30	Pass
		75	0	20.55	-0.31	20.24	<=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	22.65	-0.31	22.34	<=30	Pass
			50	22.88	-0.31	22.57	<=30	Pass
			99	22.45	-0.31	22.14	<=30	Pass
		50	0	21.90	-0.31	21.59	<=30	Pass
			25	21.83	-0.31	21.52	<=30	Pass
			50	21.90	-0.31	21.59	<=30	Pass
		100	0	21.85	-0.31	21.54	<=30	Pass
	1745	1	0	22.44	-0.31	22.13	<=30	Pass
			50	22.91	-0.31	22.60	<=30	Pass
			99	22.35	-0.31	22.04	<=30	Pass
		50	0	21.71	-0.31	21.40	<=30	Pass
			25	21.67	-0.31	21.36	<=30	Pass
			50	21.48	-0.31	21.17	<=30	Pass
		100	0	21.61	-0.31	21.30	<=30	Pass
	1770	1	0	22.21	-0.31	21.90	<=30	Pass
			50	22.66	-0.31	22.35	<=30	Pass
			99	22.09	-0.31	21.78	<=30	Pass
		50	0	21.59	-0.31	21.28	<=30	Pass
			25	21.60	-0.31	21.29	<=30	Pass
			50	21.66	-0.31	21.35	<=30	Pass
		100	0	21.58	-0.31	21.27	<=30	Pass
16QAM	1720	1	0	21.43	-0.31	21.12	<=30	Pass
			50	21.96	-0.31	21.65	<=30	Pass
			99	21.52	-0.31	21.21	<=30	Pass
		50	0	20.89	-0.31	20.58	<=30	Pass
			25	20.82	-0.31	20.51	<=30	Pass
			50	20.88	-0.31	20.57	<=30	Pass
		100	0	20.86	-0.31	20.55	<=30	Pass
	1745	1	0	21.27	-0.31	20.96	<=30	Pass
			50	21.59	-0.31	21.28	<=30	Pass

			99	21.13	-0.31	20.82	<=30	Pass
		50	0	20.66	-0.31	20.35	<=30	Pass
			25	20.62	-0.31	20.31	<=30	Pass
			50	20.45	-0.31	20.14	<=30	Pass
		100	0	20.62	-0.31	20.31	<=30	Pass
	1770	1	0	21.63	-0.31	21.32	<=30	Pass
			50	21.99	-0.31	21.68	<=30	Pass
			99	21.51	-0.31	21.20	<=30	Pass
		50	0	20.58	-0.31	20.27	<=30	Pass
			25	20.57	-0.31	20.26	<=30	Pass
			50	20.68	-0.31	20.37	<=30	Pass
		100	0	20.59	-0.31	20.28	<=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	-16.050	-0.0094	-2.5 to 2.5	Pass
					3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.448	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-6.938	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-5.722	-0.0033	-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	5.150	0.0030	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
					4.43	7.539	0.0043	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				-10	3.85	5.565	0.0032	-2.5 to 2.5	Pass
				0	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				10	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				50	3.85	6.380	0.0037	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-2.789	-0.0016	-2.5 to 2.5	Pass
					3.85	1.802	0.0010	-2.5 to 2.5	Pass
					4.43	-7.381	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-7.153	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-4.520	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-12.217	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-7.138	-0.0042	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	1.860	0.0011	-2.5 to 2.5	Pass
					3.85	0.286	0.0002	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0071	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				10	3.85	-11.401	-0.0065	-2.5 to 2.5	Pass
				30	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				40	3.85	6.552	0.0038	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-8.111	-0.0046	-2.5 to 2.5	Pass
					3.85	-8.497	-0.0048	-2.5 to 2.5	Pass
					4.43	-5.879	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-10.958	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-11.387	-0.0064	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-8.140	-0.0046	-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	-12.374	-0.0072	-2.5 to 2.5	Pass
					3.85	3.204	0.0019	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.861	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				0	3.85	3.462	0.0020	-2.5 to 2.5	Pass
				10	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				30	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				40	3.85	4.807	0.0028	-2.5 to 2.5	Pass
				50	3.85	5.836	0.0034	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-9.570	-0.0055	-2.5 to 2.5	Pass

				10	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				30	3.85	-9.785	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-9.856	-0.0056	-2.5 to 2.5	Pass
				50	3.85	2.275	0.0013	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-11.773	-0.0066	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0017	-2.5 to 2.5	Pass
					4.43	3.963	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				50	3.85	2.646	0.0015	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-7.596	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.766	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-9.699	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.862	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-12.503	-0.0073	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-11.101	-0.0064	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-12.245	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	0.601	0.0003	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
					4.43	-8.669	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-8.340	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-11.015	-0.0062	-2.5 to 2.5	Pass
				10	3.85	4.177	0.0023	-2.5 to 2.5	Pass
				30	3.85	5.379	0.0030	-2.5 to 2.5	Pass
				40	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-0.129	-0.0001	-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	-6.623	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.593	-0.0033	-2.5 to 2.5	Pass

				-30	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				50	3.85	0.758	0.0004	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-8.454	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0071	-2.5 to 2.5	Pass
				0	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-14.520	-0.0083	-2.5 to 2.5	Pass
				50	3.85	1.845	0.0011	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-2.217	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.249	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0025	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0011	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.802	0.0011	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0032	-2.5 to 2.5	Pass
					4.43	1.860	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				30	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				40	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				50	3.85	-9.041	-0.0053	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	2.761	0.0016	-2.5 to 2.5	Pass
					3.85	-11.516	-0.0066	-2.5 to 2.5	Pass
					4.43	-2.775	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
				0	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-13.175	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0053	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-9.656	-0.0054	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
					4.43	-0.315	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-8.626	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-6.437	-0.0036	-2.5 to 2.5	Pass

				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				50	3.85	5.407	0.0030	-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	-7.796	-0.0045	-2.5 to 2.5	Pass
					3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
					4.43	-3.304	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-11.072	-0.0063	-2.5 to 2.5	Pass
					3.85	-8.626	-0.0049	-2.5 to 2.5	Pass
					4.43	-8.783	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-9.298	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	4.034	0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				0	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-8.597	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-9.928	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-10.157	-0.0058	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-4.578	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
					4.43	1.802	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.522	-0.0031	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-1.702	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-10.858	-0.0063	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.834	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0023	-2.5 to 2.5	Pass

				-30	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-9.041	-0.0052	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-2.375	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
					4.43	-11.129	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				40	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.805	-0.0021	-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	-3.562	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
					4.43	3.548	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				0	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-12.488	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-7.968	-0.0046	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-1.273	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.465	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-11.873	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				0	3.85	-10.328	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.85	0.544	0.0003	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass

				50	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-4.263	-0.0025	-2.5 to 2.5	Pass
					3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
					4.43	-9.713	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-11.845	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-13.533	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-17.323	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	4.535	0.0026	-2.5 to 2.5	Pass
					3.85	-7.768	-0.0045	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-10.357	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.815	0.0005	-2.5 to 2.5	Pass
					3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-5.879	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.098	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0034	-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	-5.322	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
					4.43	-6.466	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.190	-0.0019	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.644	0.0004	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
					4.43	-7.796	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-8.941	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-7.639	-0.0044	-2.5 to 2.5	Pass

				0	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-9.813	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-3.648	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.432	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-4.478	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				0	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-7.324	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-9.270	-0.0054	-2.5 to 2.5	Pass
					3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-9.756	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.173	-0.0007	-2.5 to 2.5	Pass
					3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.809	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.191	-0.0024	-2.5 to 2.5	Pass
					3.85	-12.202	-0.0069	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-47.722	-0.0270	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-6.409	-0.0036	-2.5 to 2.5	Pass
				10	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0027	-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

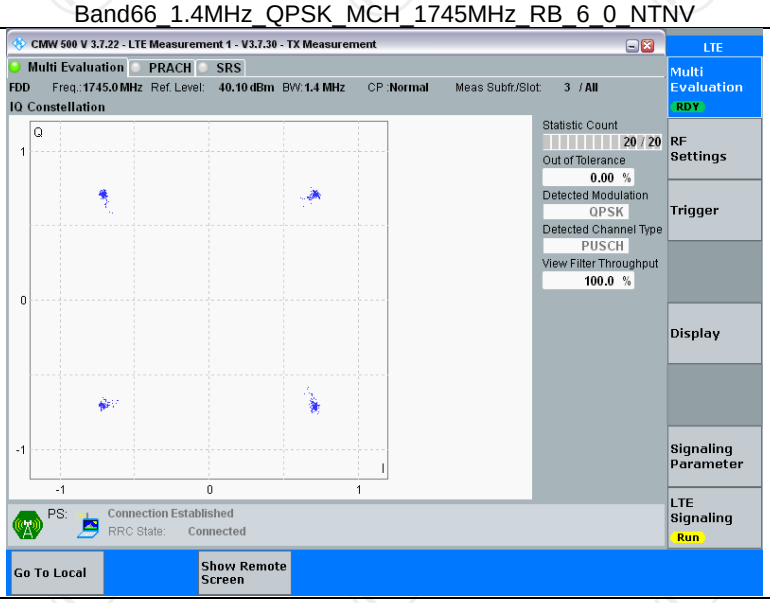
3.1.6 B66_20MHz

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

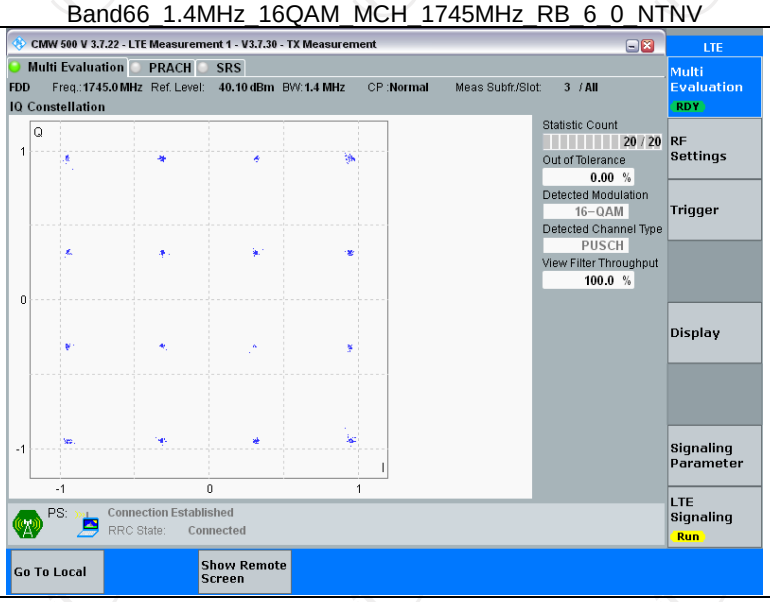
3.2 Test Graph

3.2.1 B66_1.4MHz

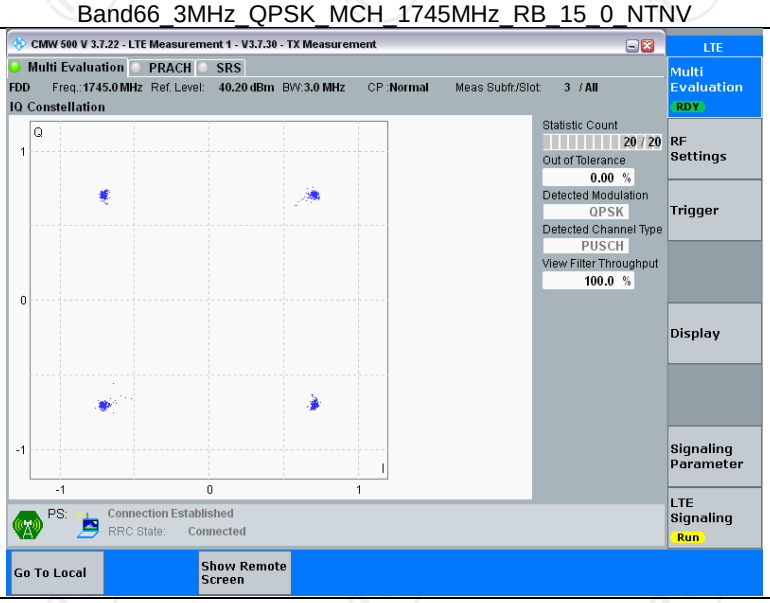
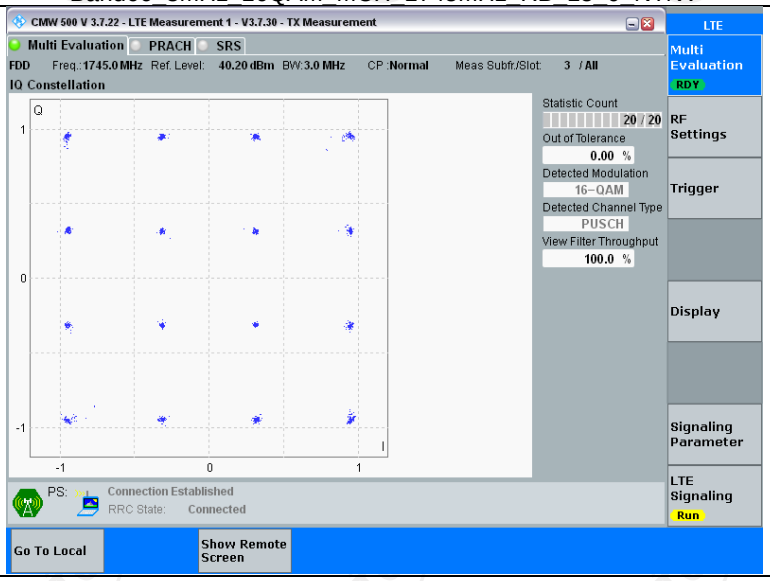
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

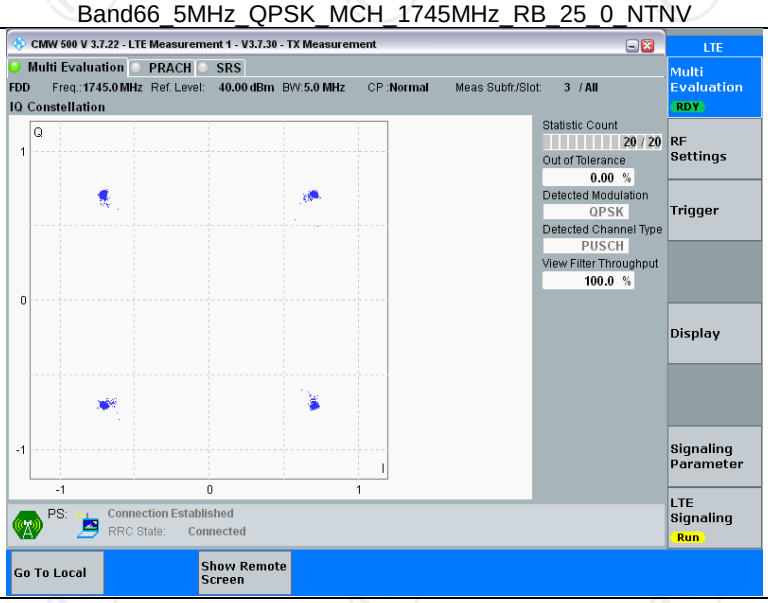


3.2.2 B66_3MHz

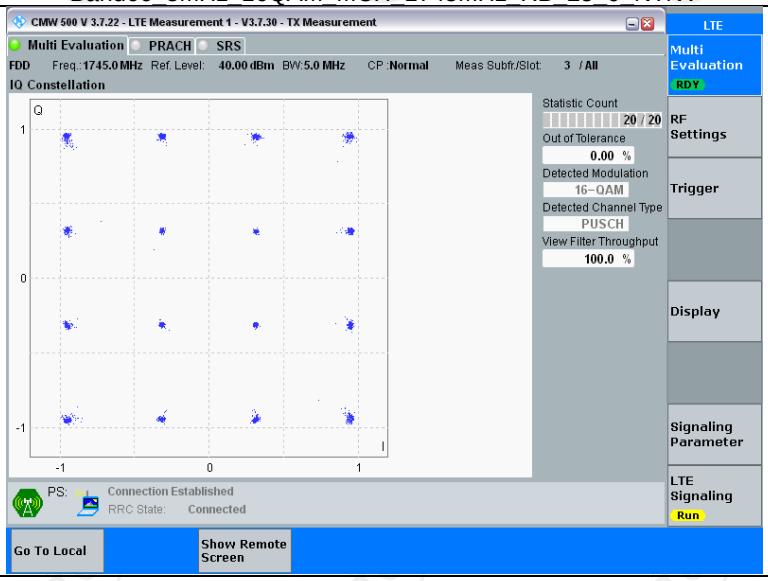
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV


3.2.3 B66_5MHz

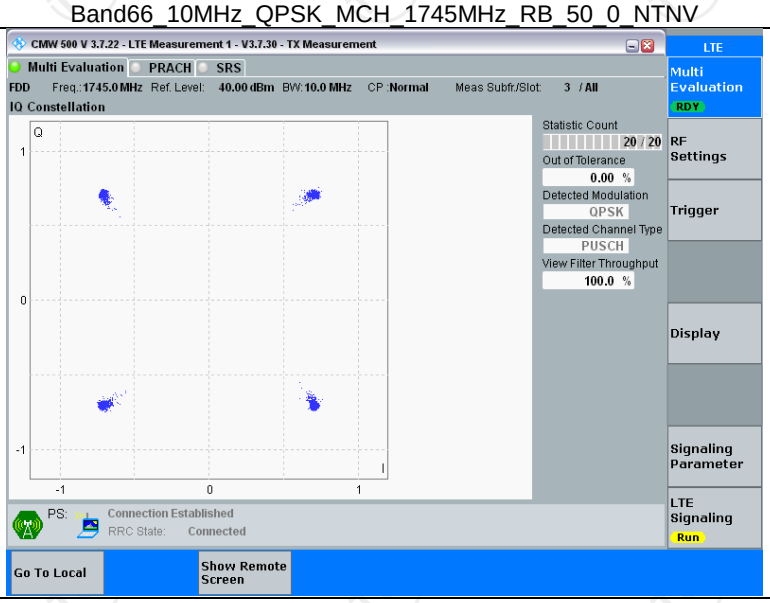
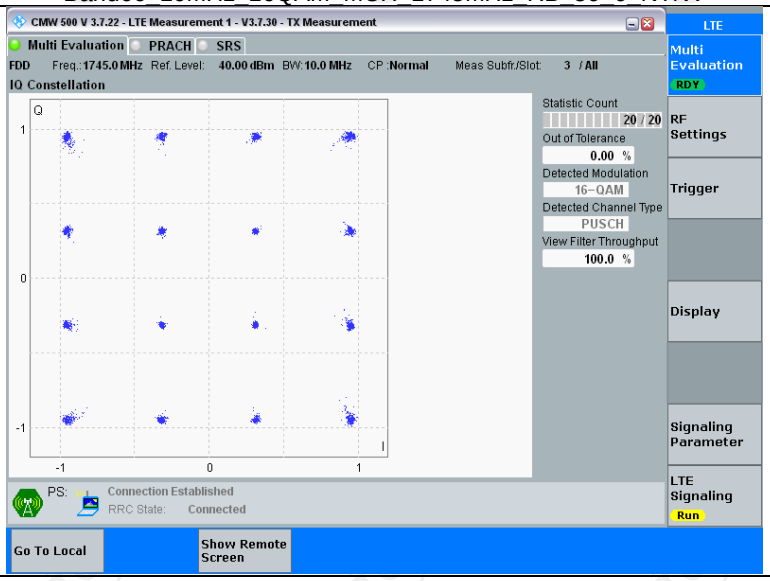
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



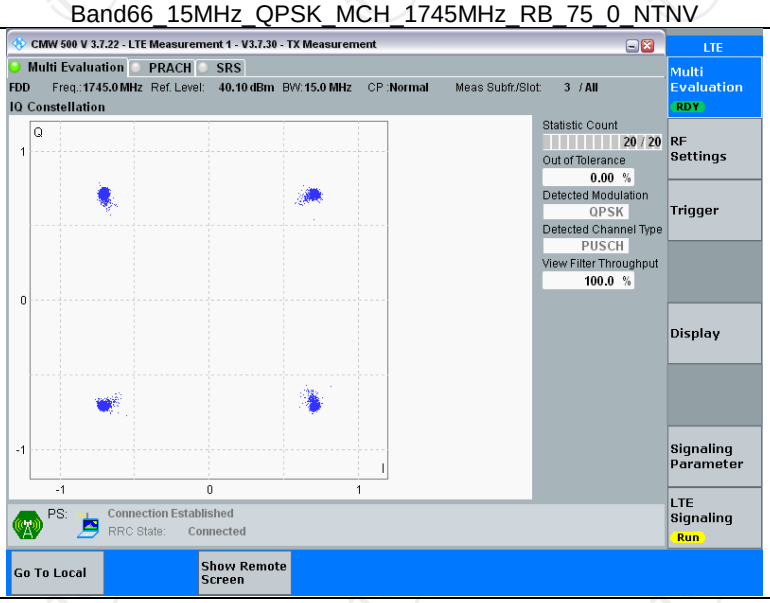
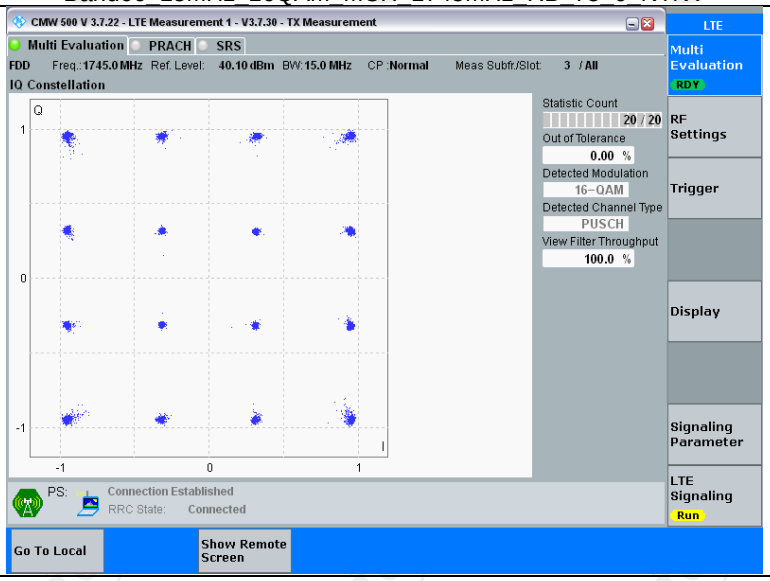
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



3.2.4 B66_10MHz

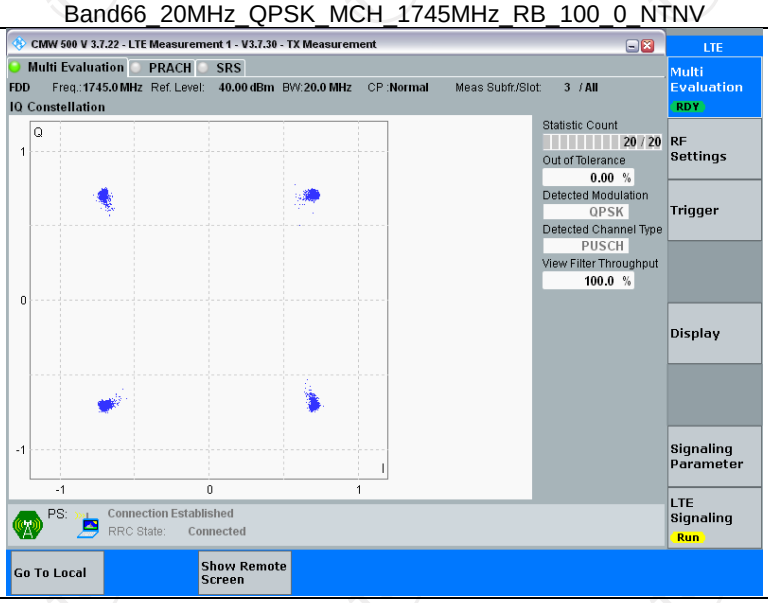
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV


3.2.5 B66_15MHz

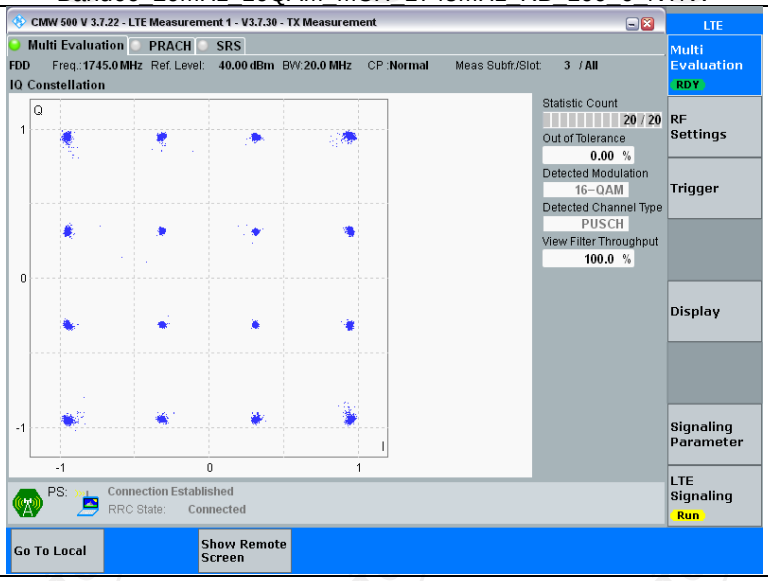
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

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	1.124	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.101	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.101	/	Pass
3	QPSK	1711.5	15	0	2.745	/	Pass
		1745	15	0	2.726	/	Pass
		1778.5	15	0	2.722	/	Pass
	16QAM	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.733	/	Pass
		1778.5	15	0	2.718	/	Pass
5	QPSK	1712.5	25	0	4.583	/	Pass
		1745	25	0	4.565	/	Pass
		1777.5	25	0	4.577	/	Pass
	16QAM	1712.5	25	0	4.606	/	Pass
		1745	25	0	4.577	/	Pass
		1777.5	25	0	4.560	/	Pass
10	QPSK	1715	50	0	9.132	/	Pass
		1745	50	0	9.077	/	Pass
		1775	50	0	9.102	/	Pass
	16QAM	1715	50	0	9.135	/	Pass
		1745	50	0	9.068	/	Pass
		1775	50	0	9.104	/	Pass
15	QPSK	1717.5	75	0	13.662	/	Pass
		1745	75	0	13.590	/	Pass
		1772.5	75	0	13.650	/	Pass
	16QAM	1717.5	75	0	13.682	/	Pass
		1745	75	0	13.623	/	Pass
		1772.5	75	0	13.642	/	Pass
20	QPSK	1720	100	0	18.209	/	Pass
		1745	100	0	18.176	/	Pass
		1770	100	0	18.191	/	Pass
	16QAM	1720	100	0	18.221	/	Pass
		1745	100	0	18.156	/	Pass
		1770	100	0	18.275	/	Pass

4.1.2 Band66_XDB

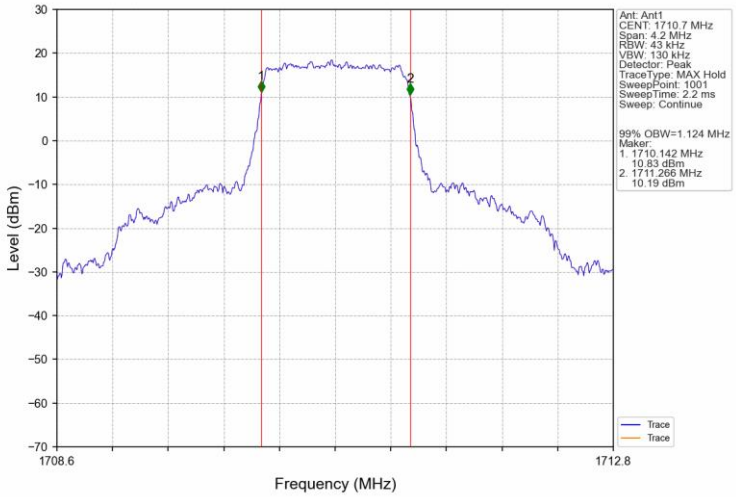
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.367	/	Pass
		1745	6	0	1.313	/	Pass
		1779.3	6	0	1.312	/	Pass

	16QAM	1710.7	6	0	1.350	/	Pass
		1745	6	0	1.308	/	Pass
		1779.3	6	0	1.297	/	Pass
3	QPSK	1711.5	15	0	2.997	/	Pass
		1745	15	0	2.997	/	Pass
		1778.5	15	0	2.994	/	Pass
	16QAM	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.005	/	Pass
		1778.5	15	0	2.986	/	Pass
5	QPSK	1712.5	25	0	5.235	/	Pass
		1745	25	0	5.284	/	Pass
		1777.5	25	0	5.237	/	Pass
	16QAM	1712.5	25	0	5.293	/	Pass
		1745	25	0	5.280	/	Pass
		1777.5	25	0	5.230	/	Pass
10	QPSK	1715	50	0	10.160	/	Pass
		1745	50	0	10.299	/	Pass
		1775	50	0	10.315	/	Pass
	16QAM	1715	50	0	10.277	/	Pass
		1745	50	0	10.372	/	Pass
		1775	50	0	10.291	/	Pass
15	QPSK	1717.5	75	0	15.651	/	Pass
		1745	75	0	15.414	/	Pass
		1772.5	75	0	15.472	/	Pass
	16QAM	1717.5	75	0	15.449	/	Pass
		1745	75	0	15.342	/	Pass
		1772.5	75	0	15.341	/	Pass
20	QPSK	1720	100	0	20.279	/	Pass
		1745	100	0	20.182	/	Pass
		1770	100	0	20.154	/	Pass
	16QAM	1720	100	0	20.131	/	Pass
		1745	100	0	19.948	/	Pass
		1770	100	0	20.292	/	Pass

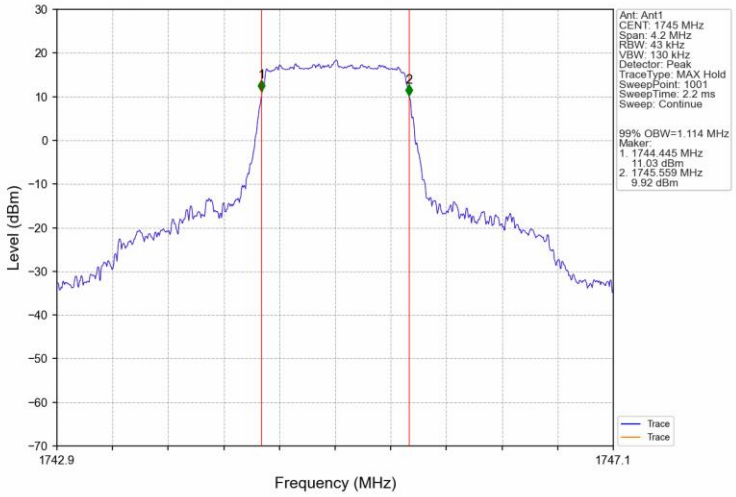
4.2 Test Graph

4.2.1 Band66_OBW

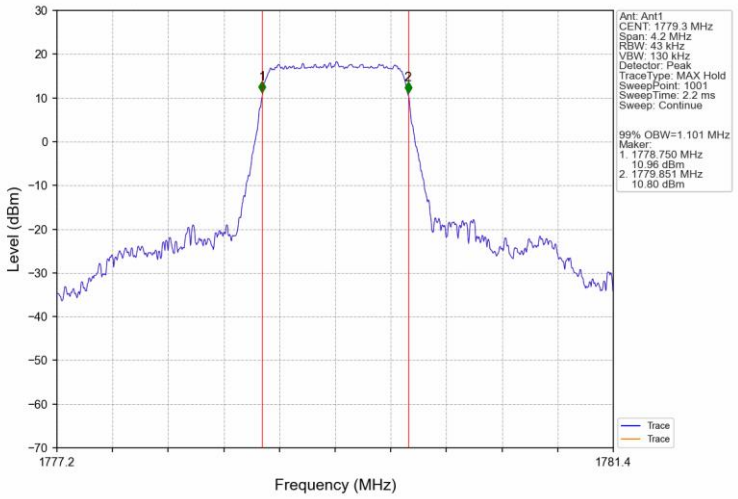
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



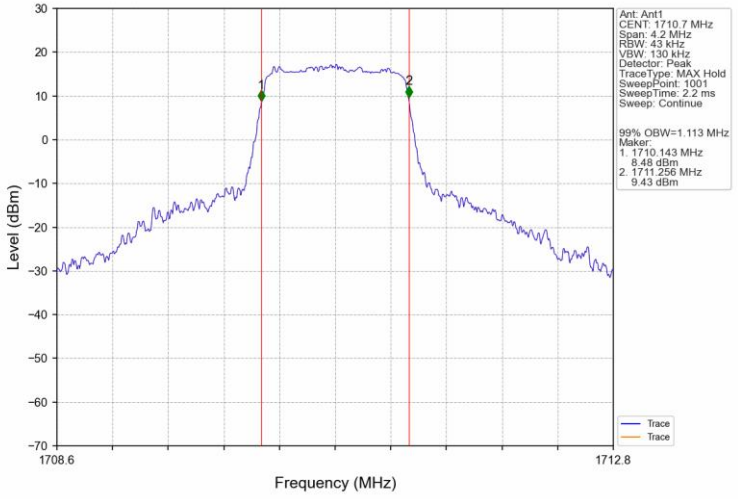
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



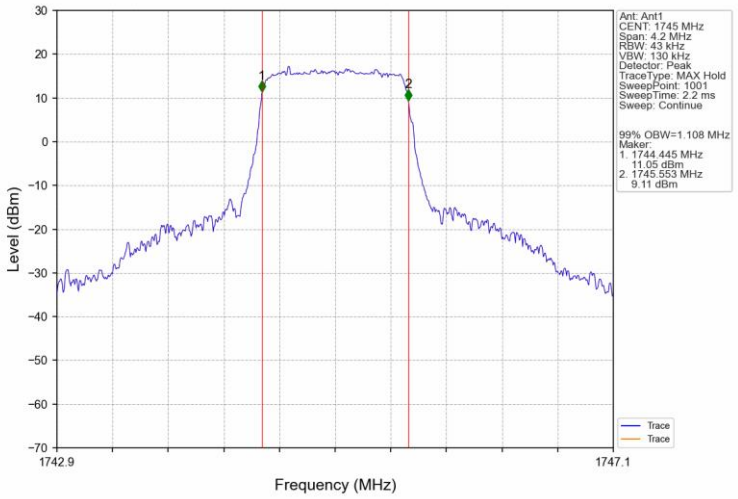
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



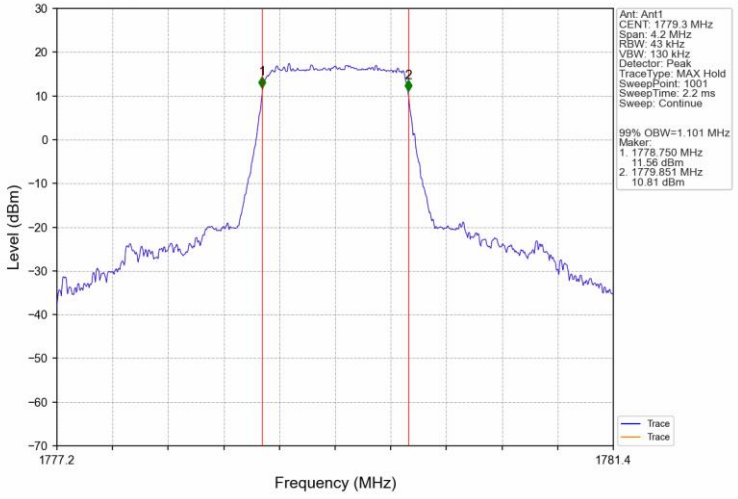
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



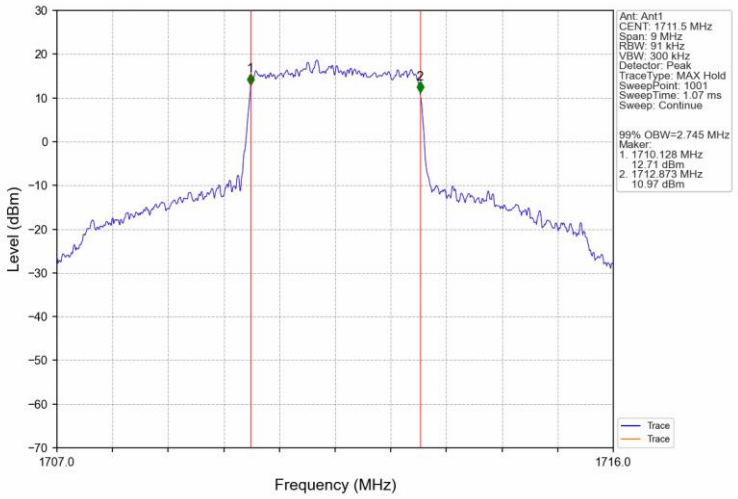
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



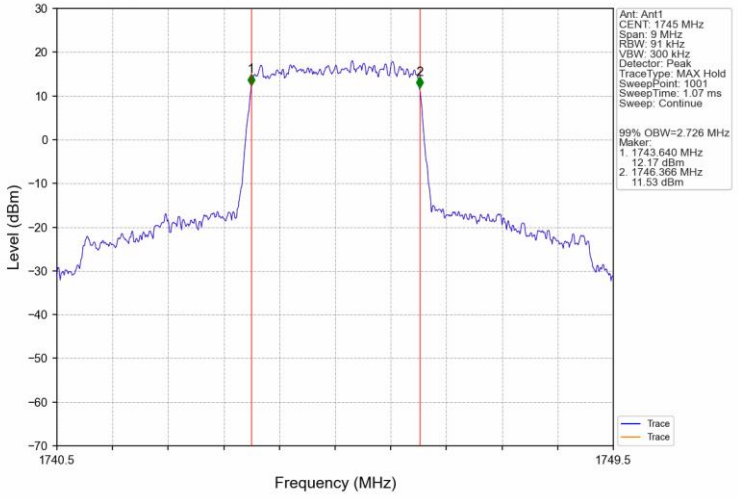
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



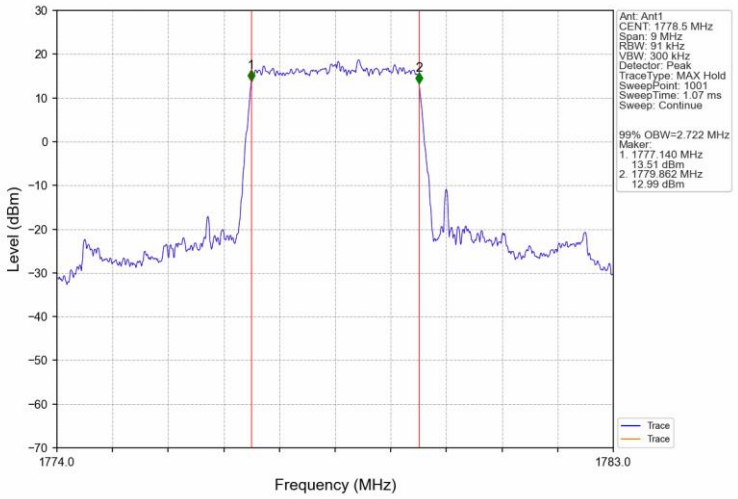
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



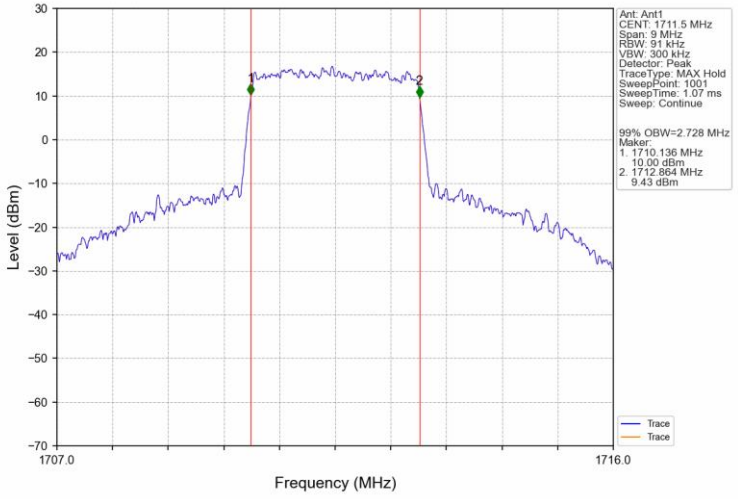
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



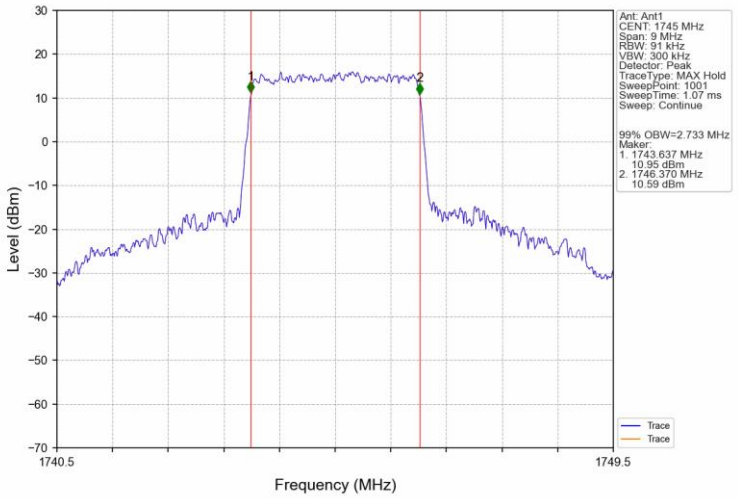
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



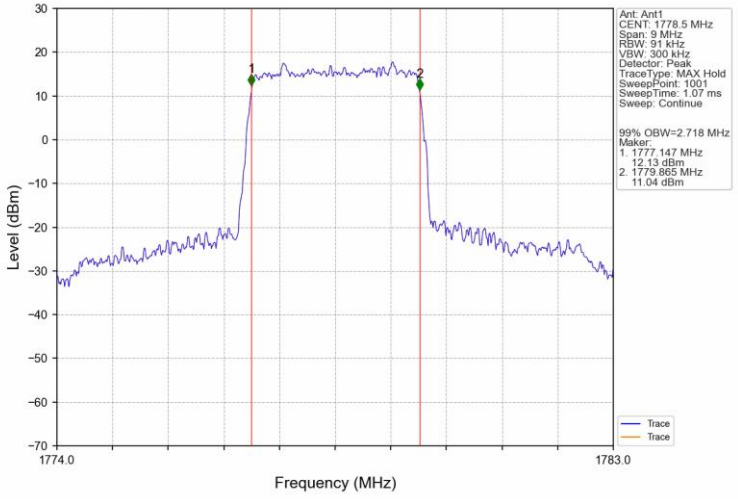
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



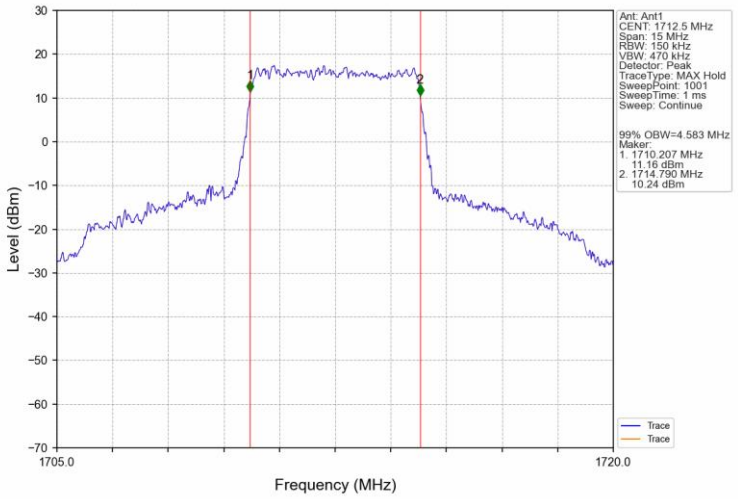
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



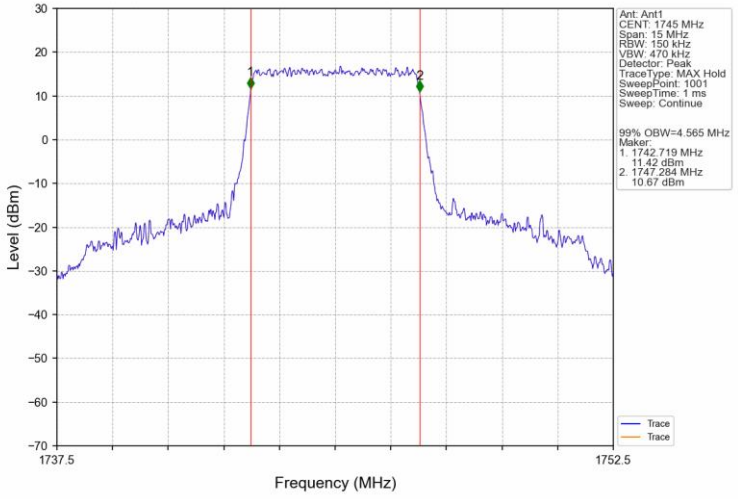
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



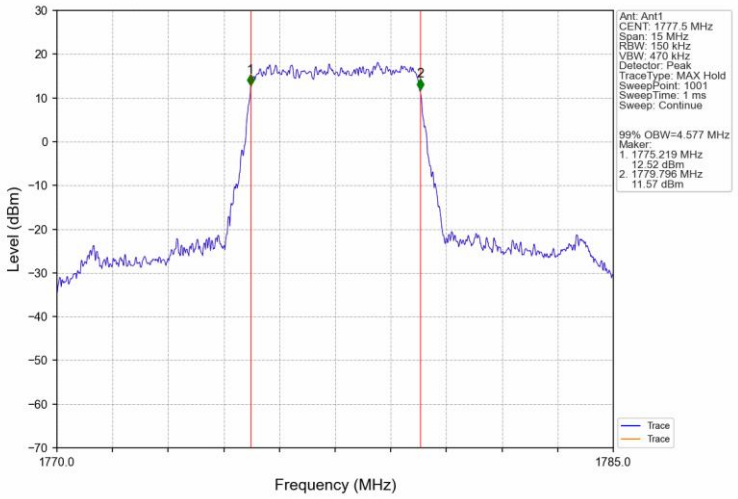
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



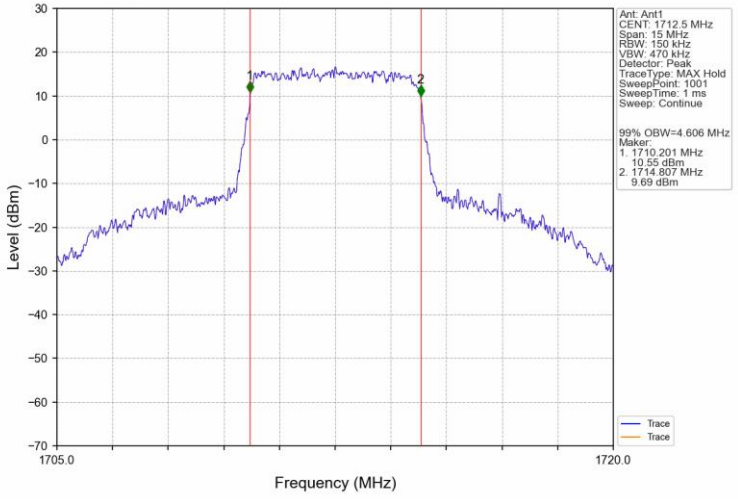
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



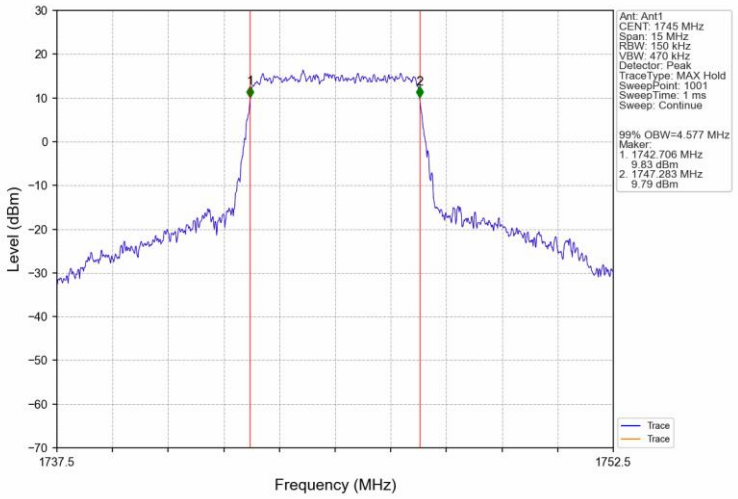
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



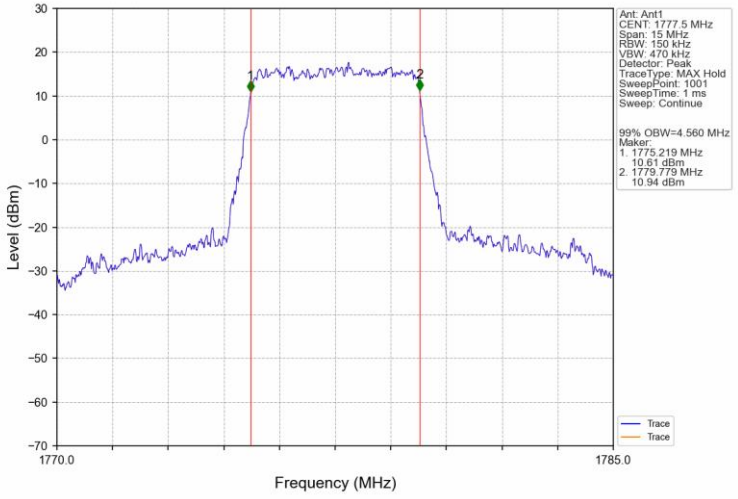
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



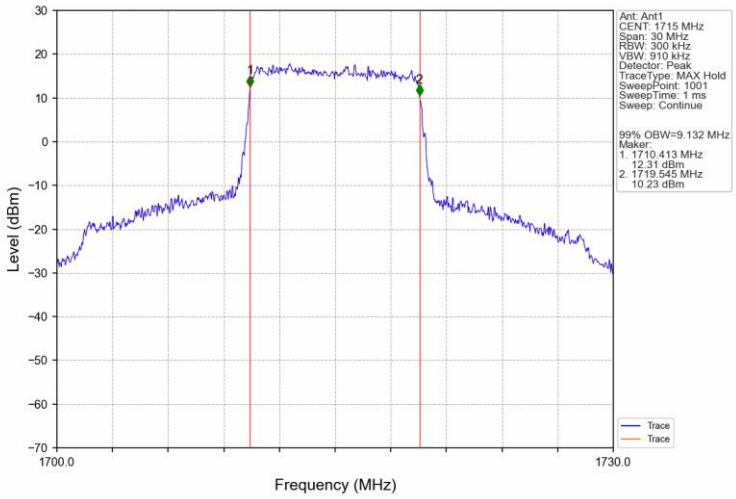
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



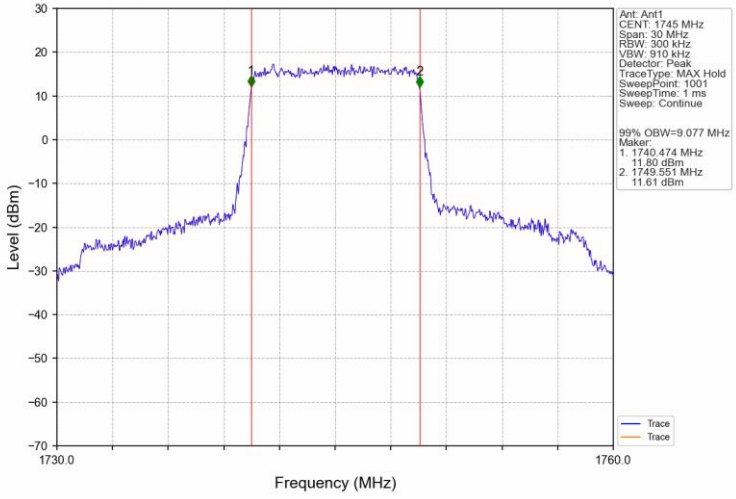
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



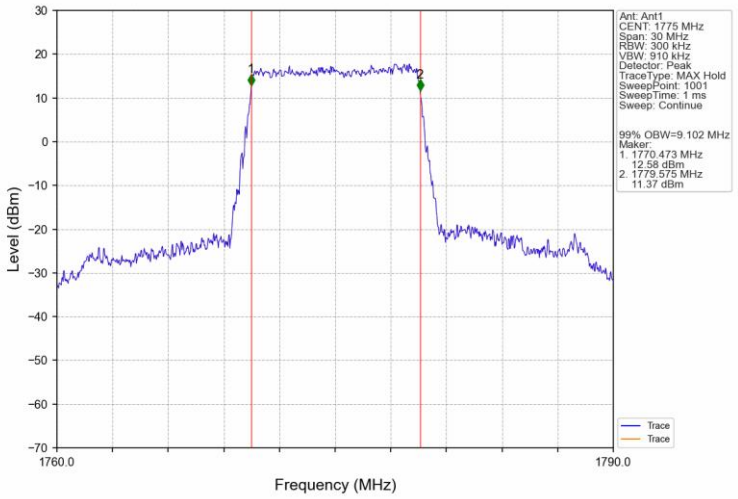
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



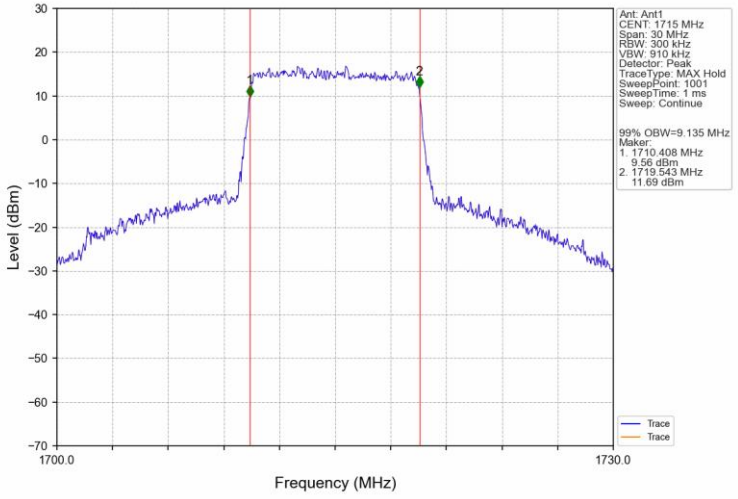
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



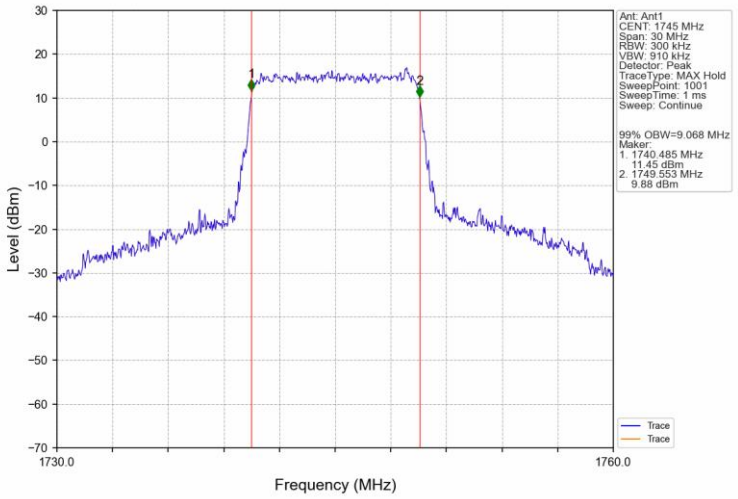
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



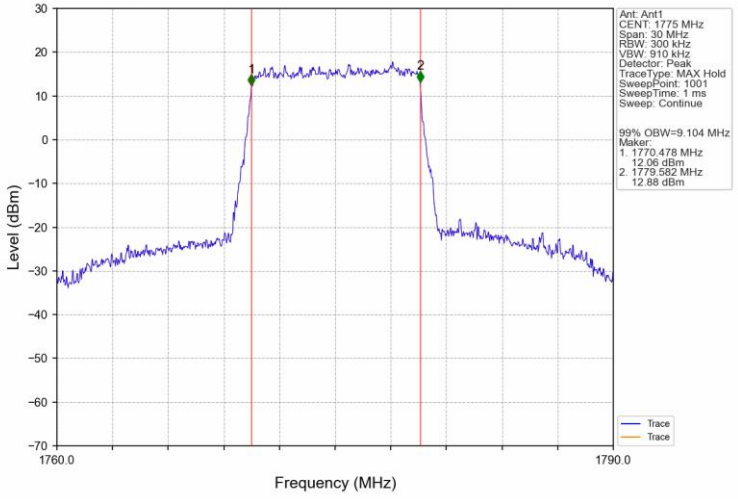
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



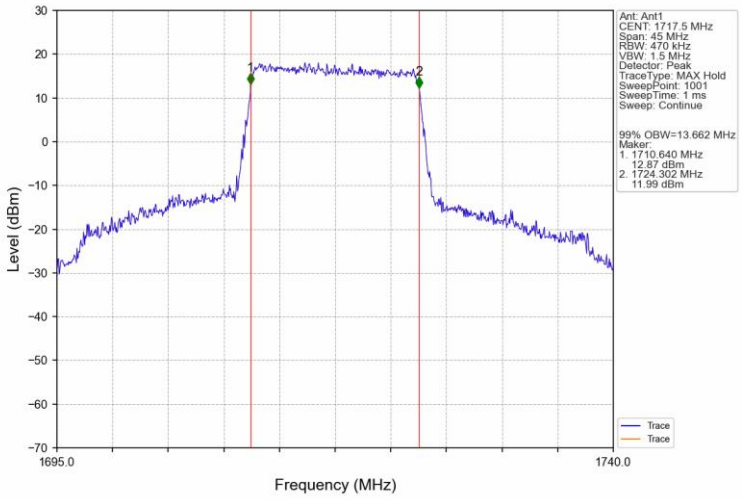
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



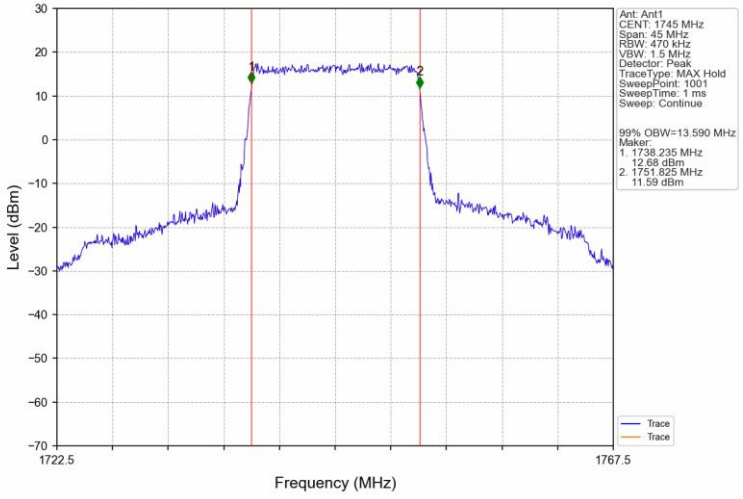
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



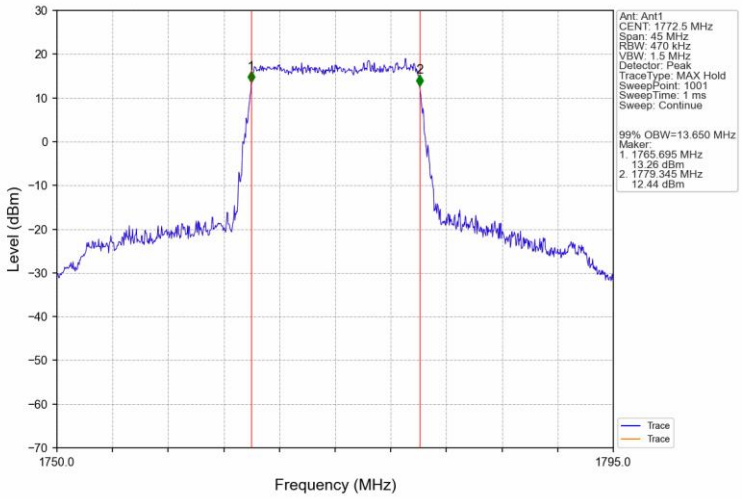
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



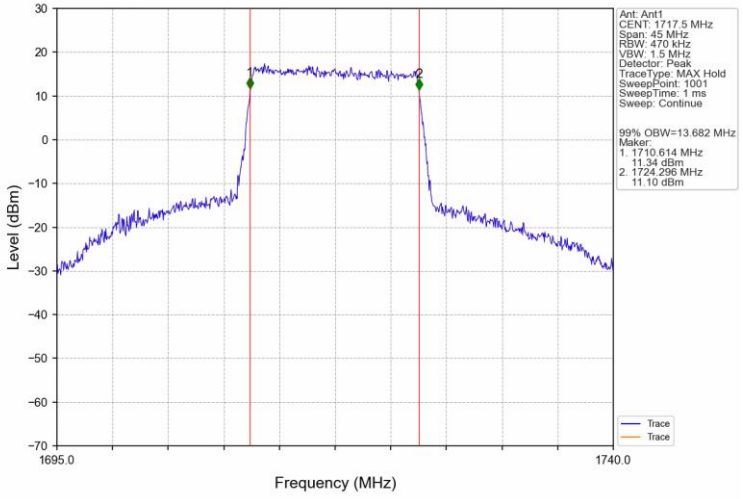
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



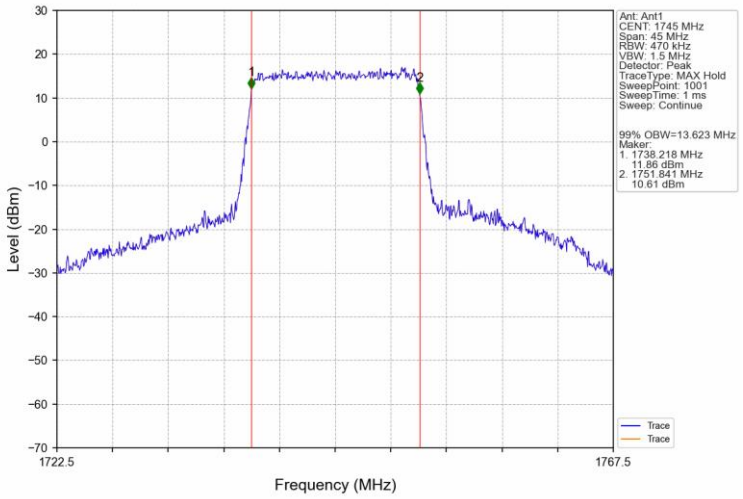
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



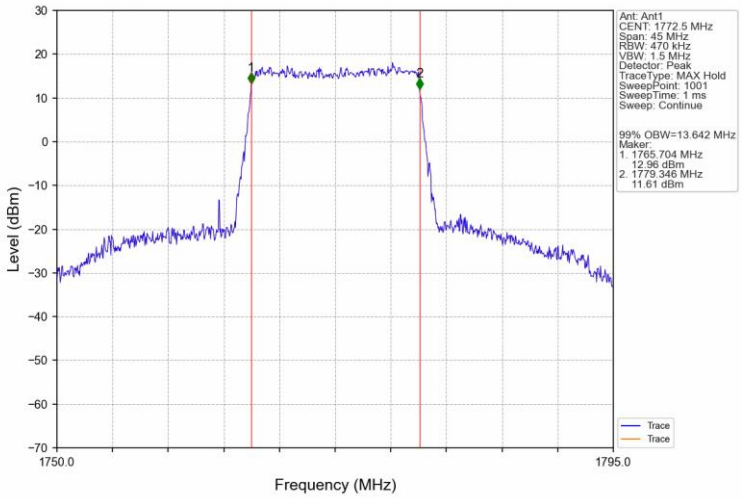
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



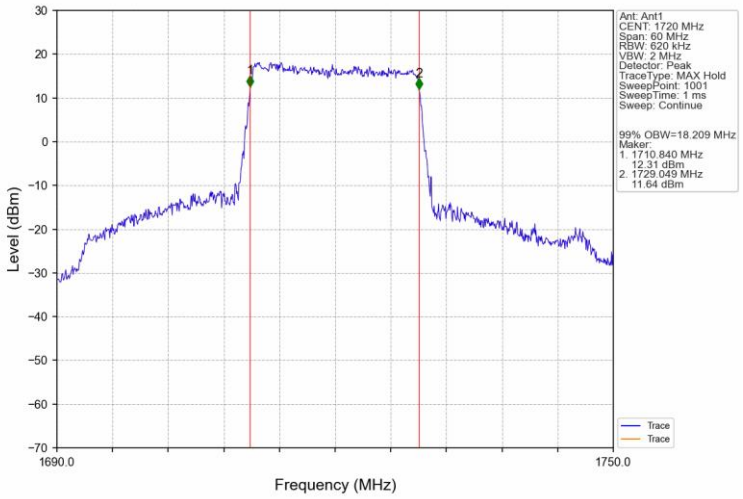
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



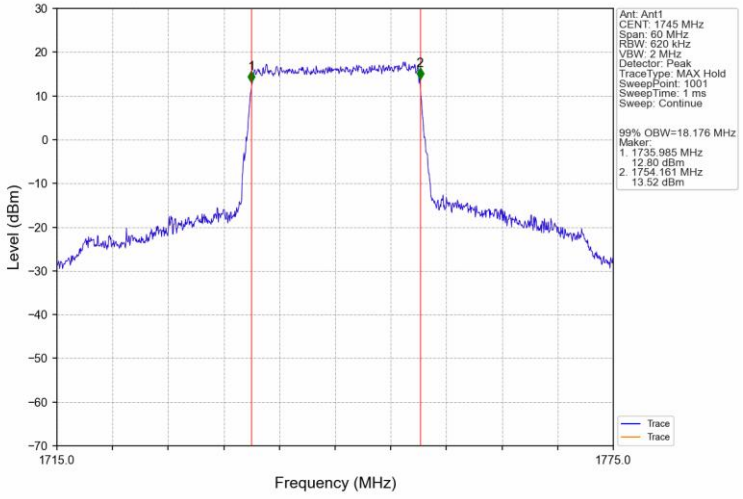
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



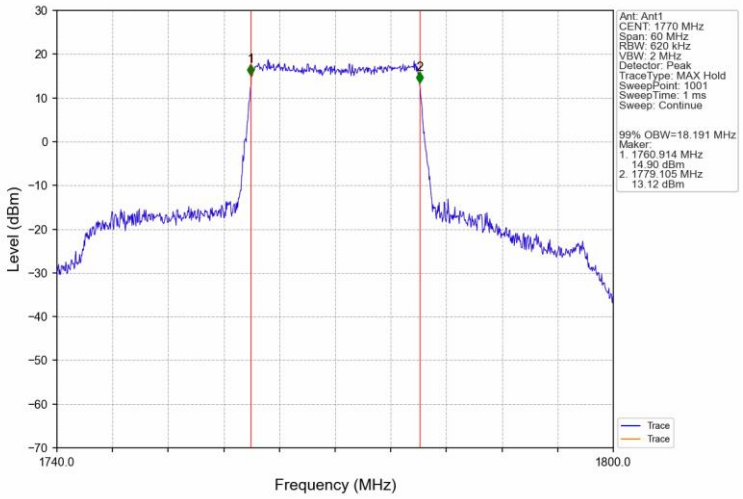
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



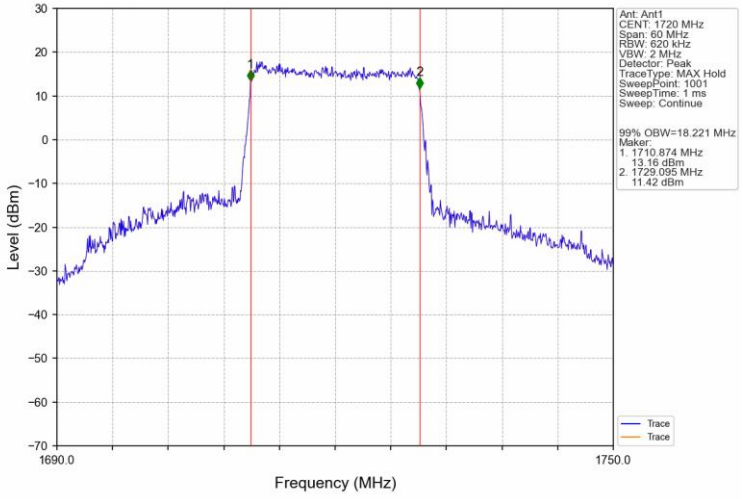
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



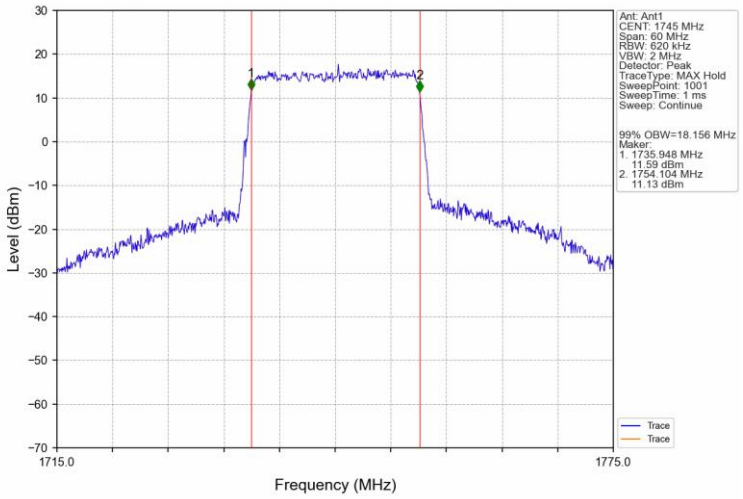
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



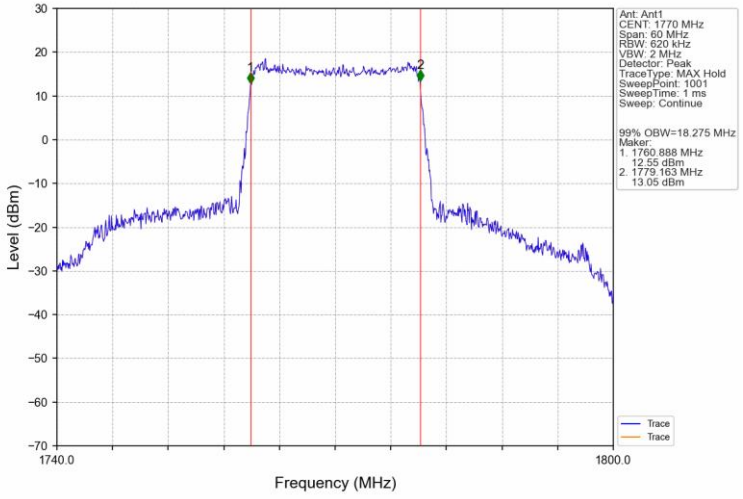
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

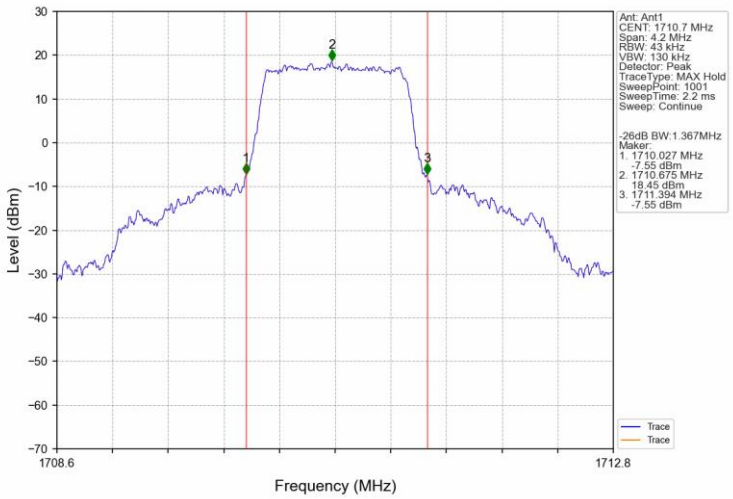


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

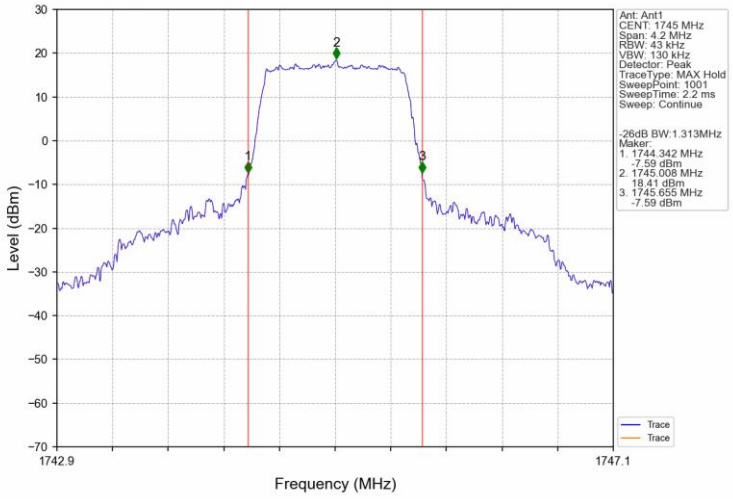


4.2.2 Band66_XDB

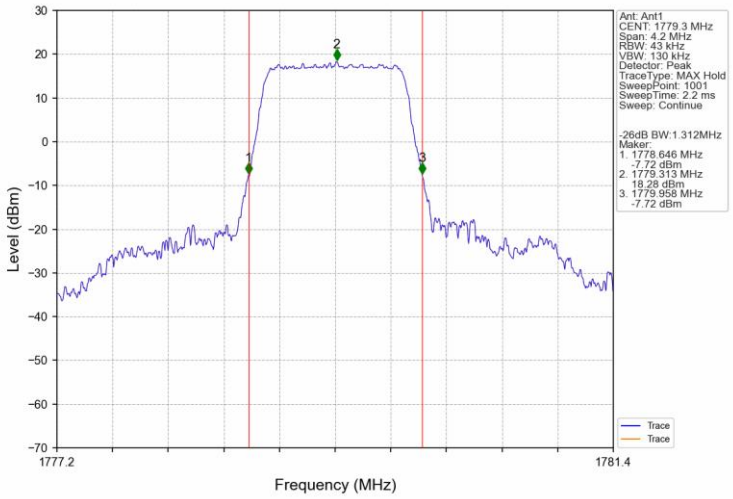
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



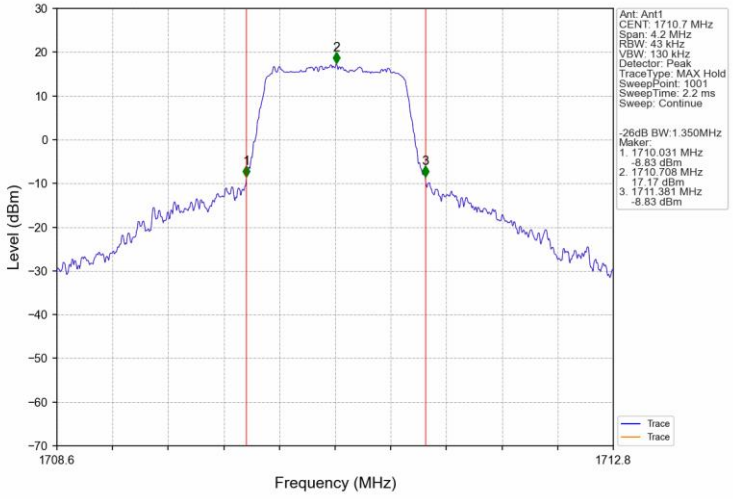
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



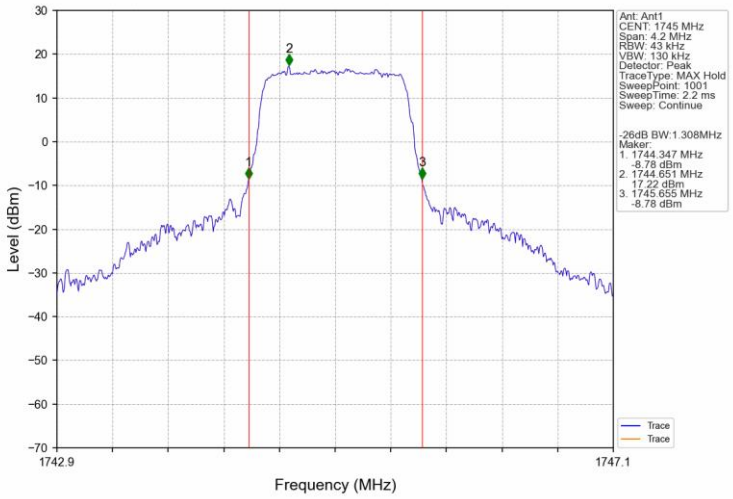
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



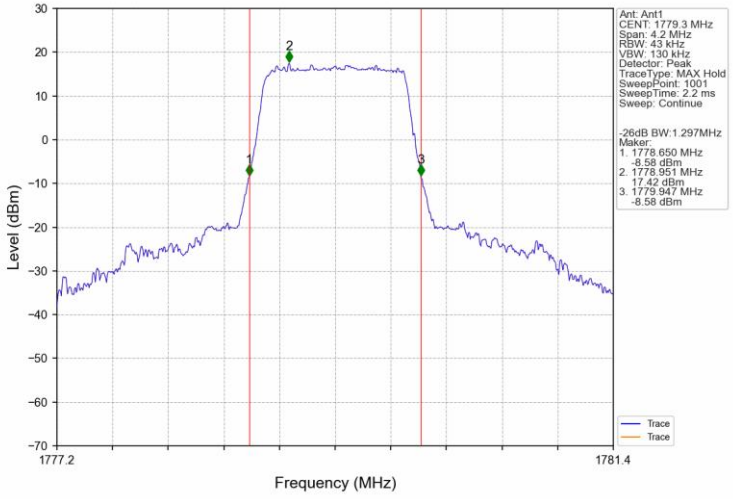
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



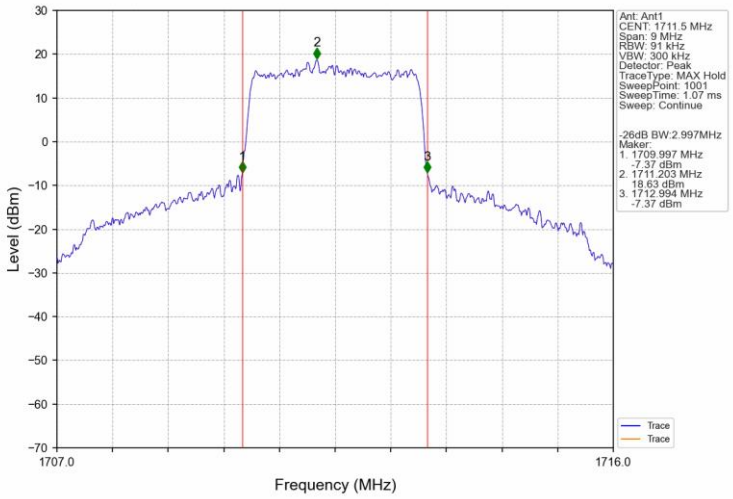
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



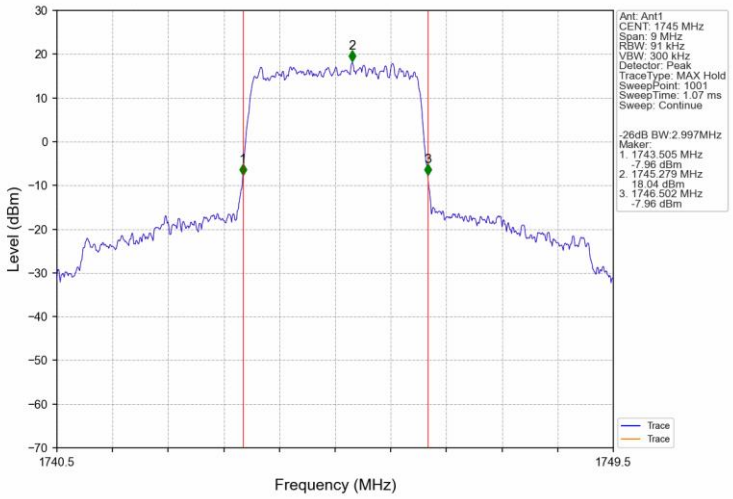
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



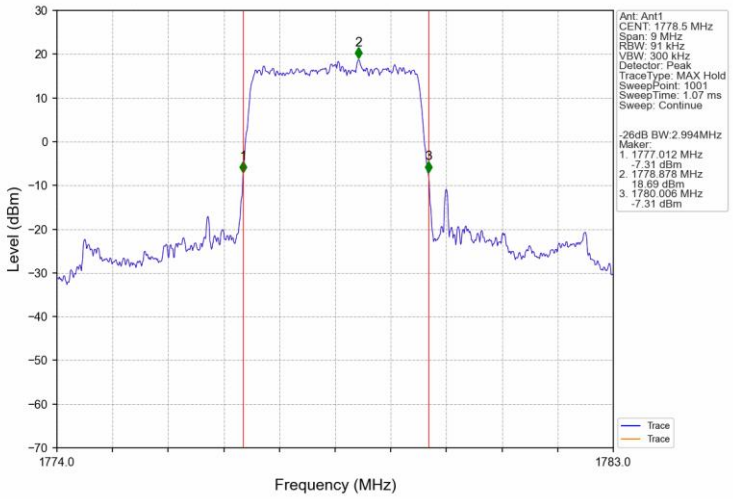
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



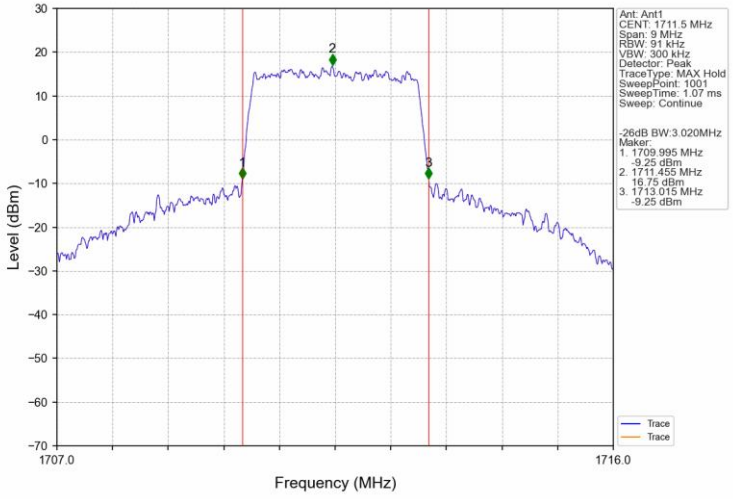
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



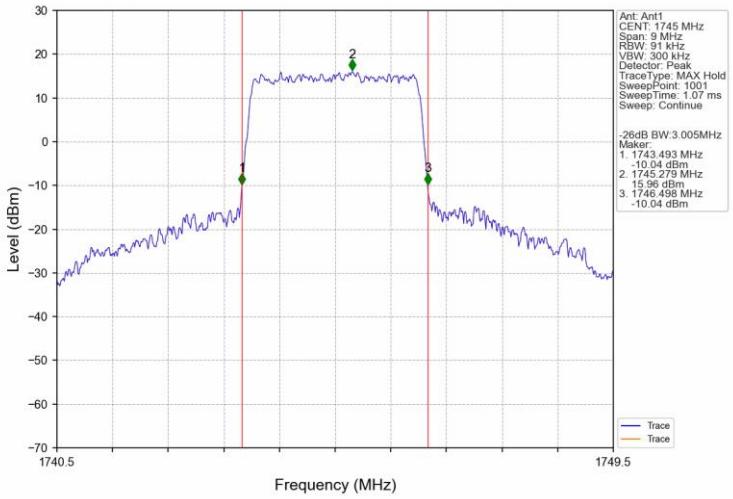
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



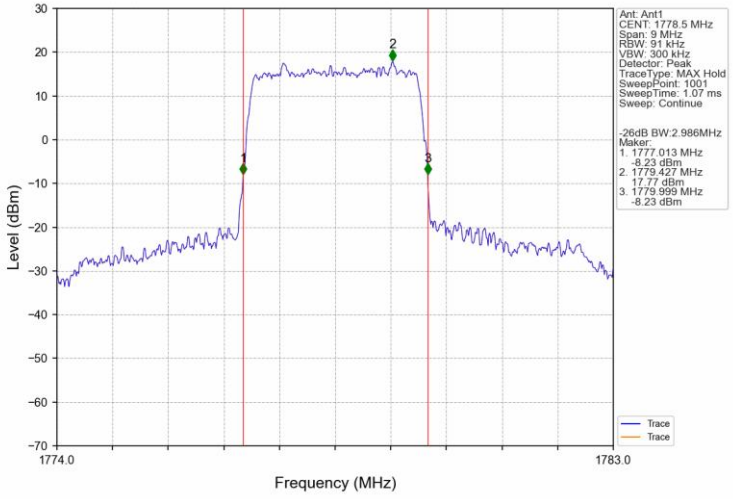
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



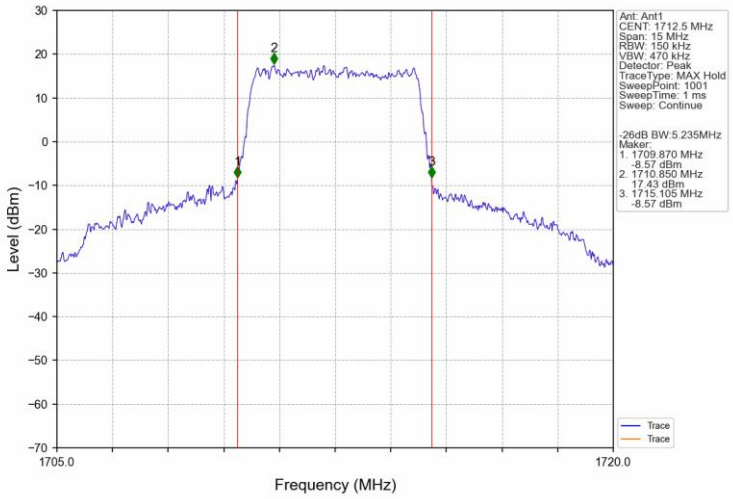
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



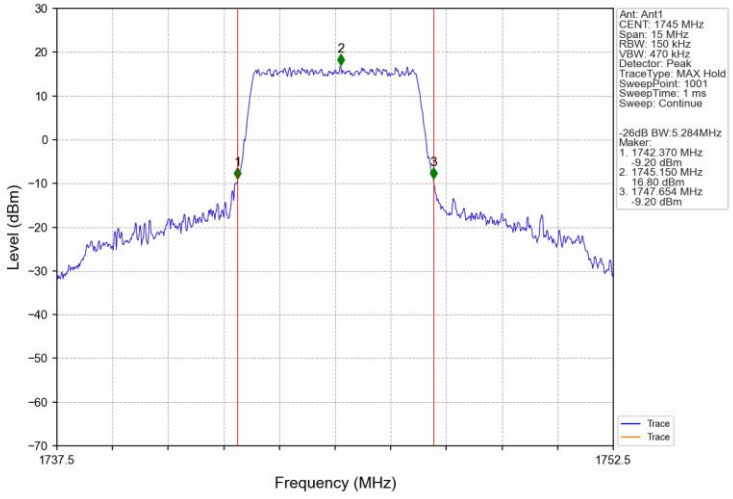
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



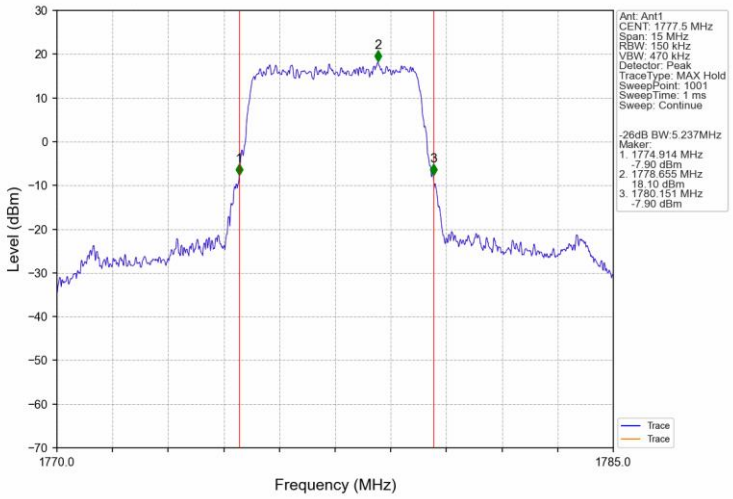
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



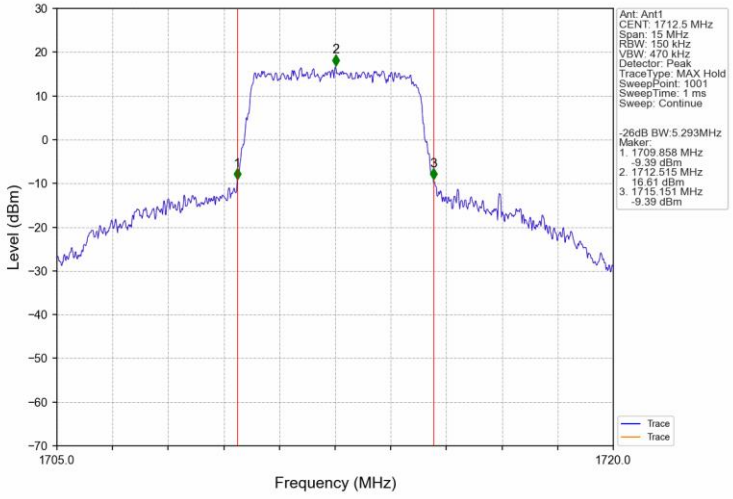
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



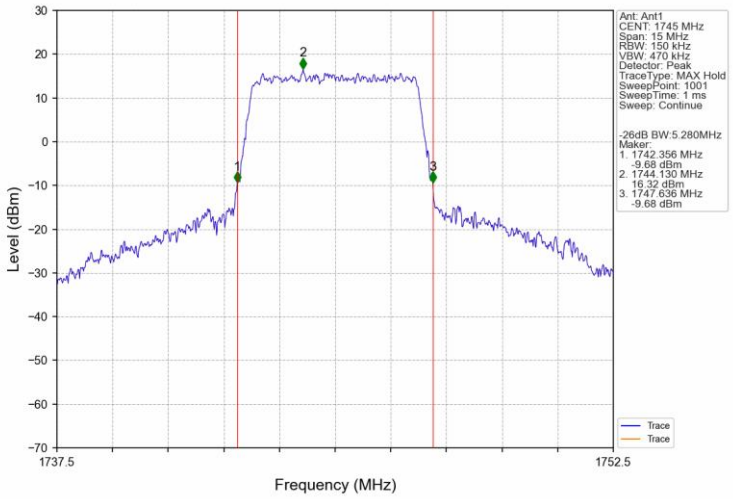
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



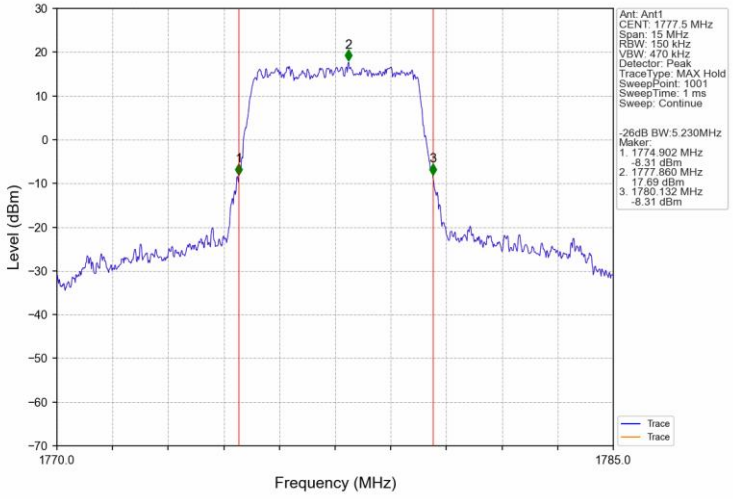
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



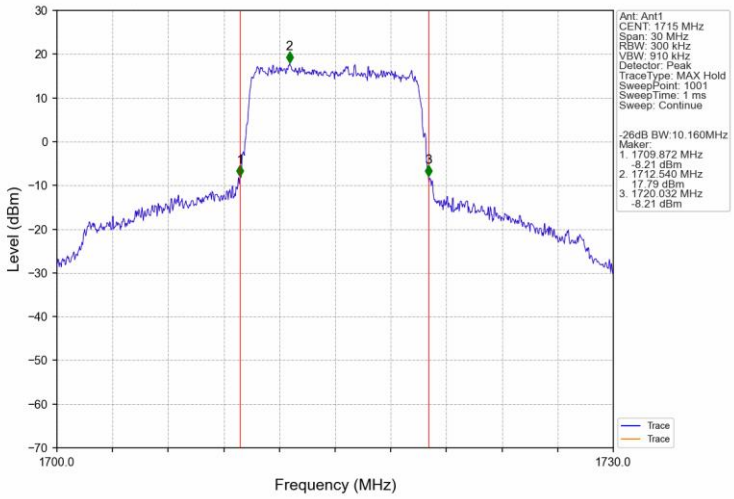
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



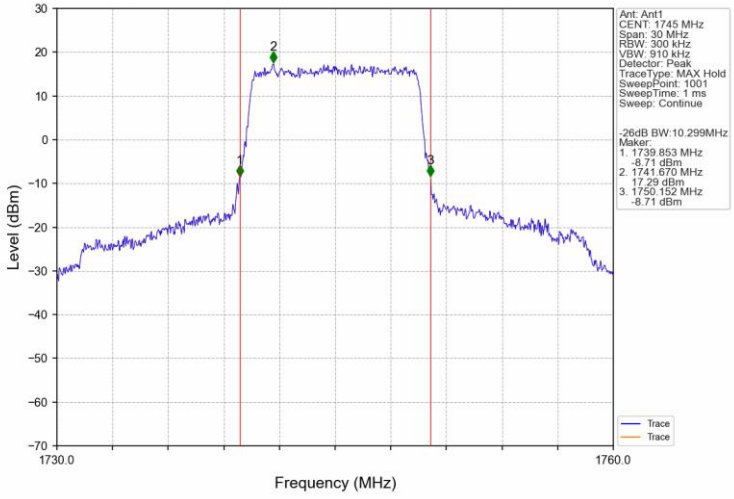
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



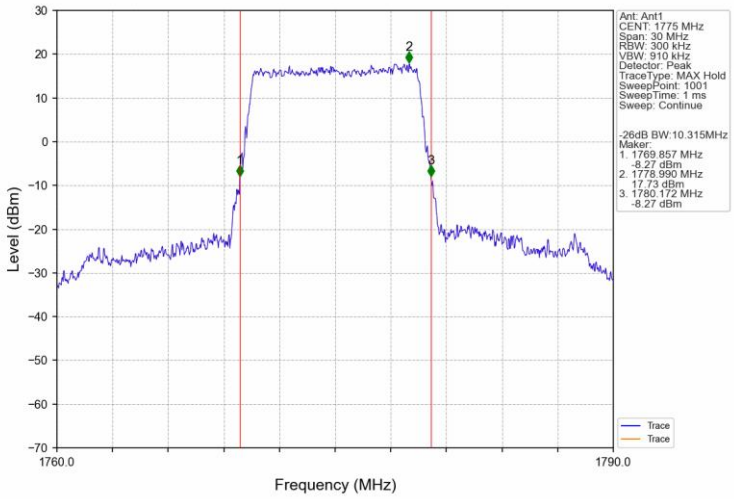
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



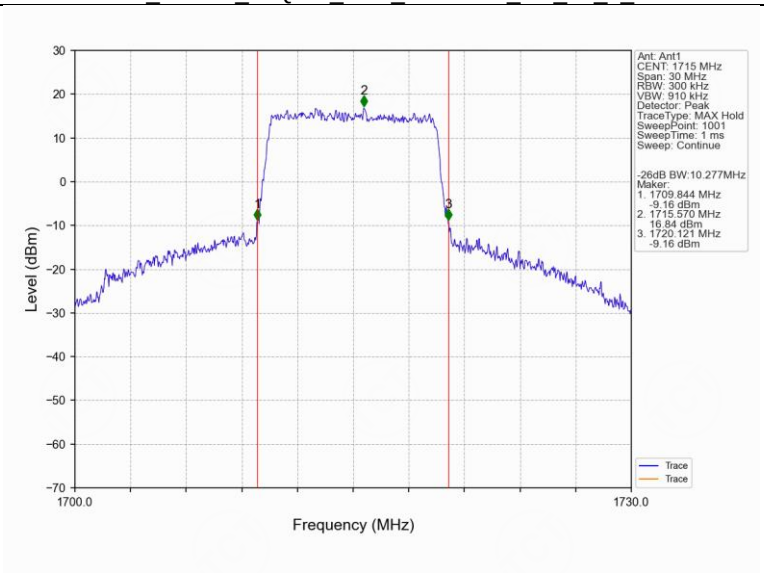
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



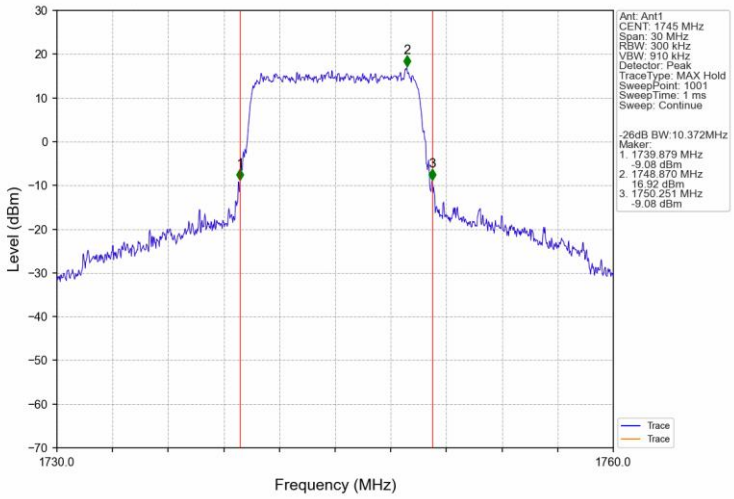
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



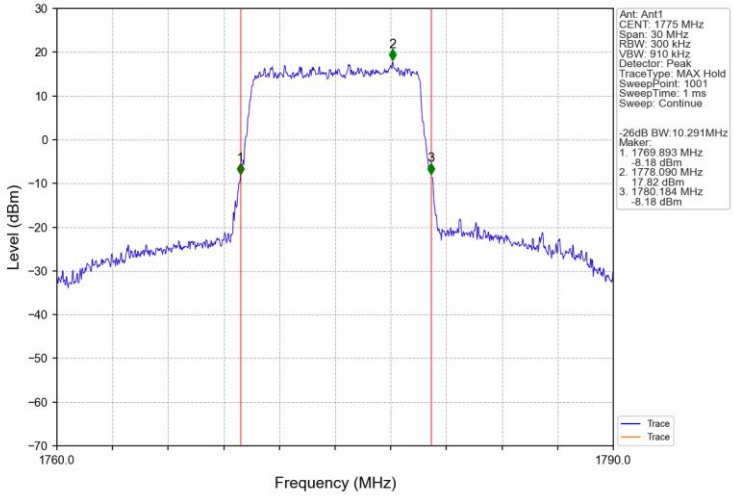
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



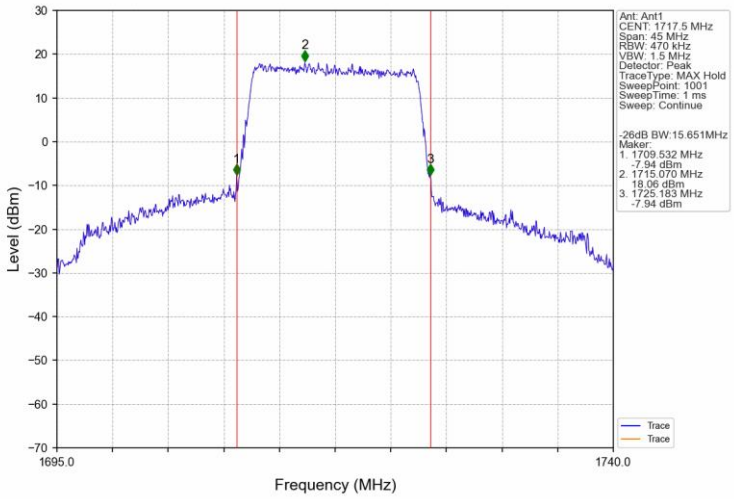
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



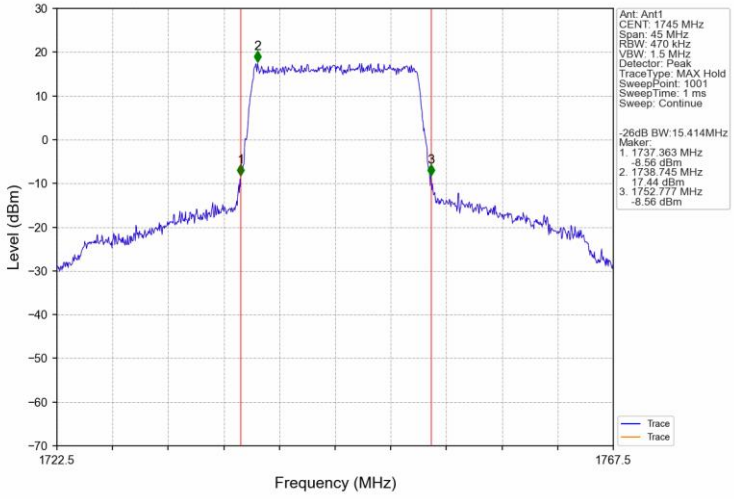
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



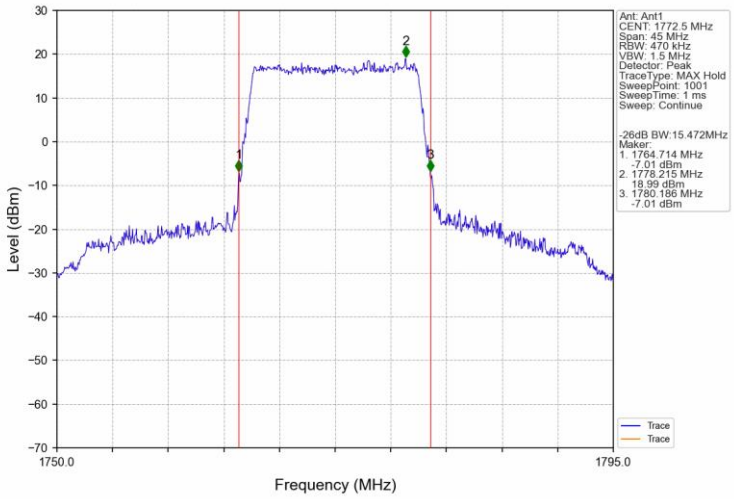
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



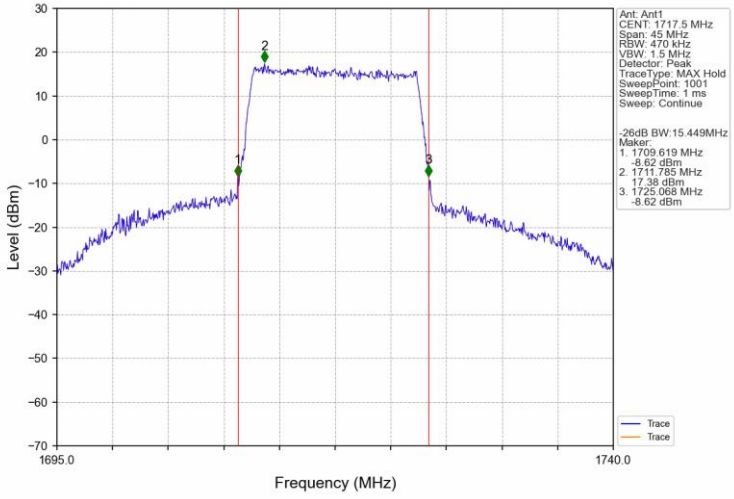
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



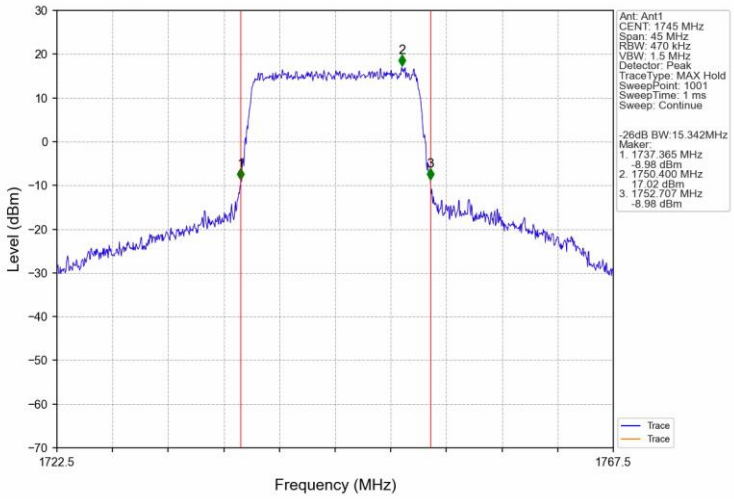
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



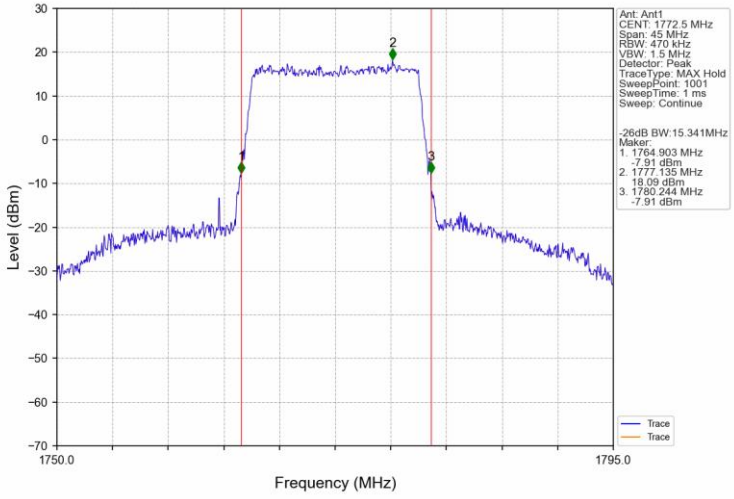
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



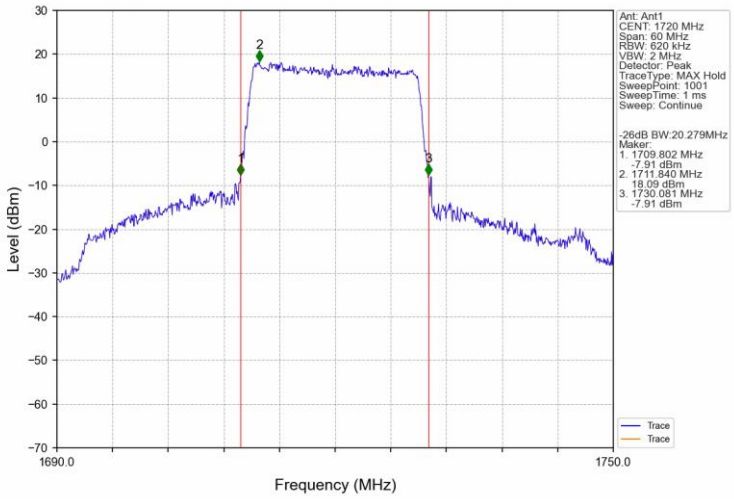
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



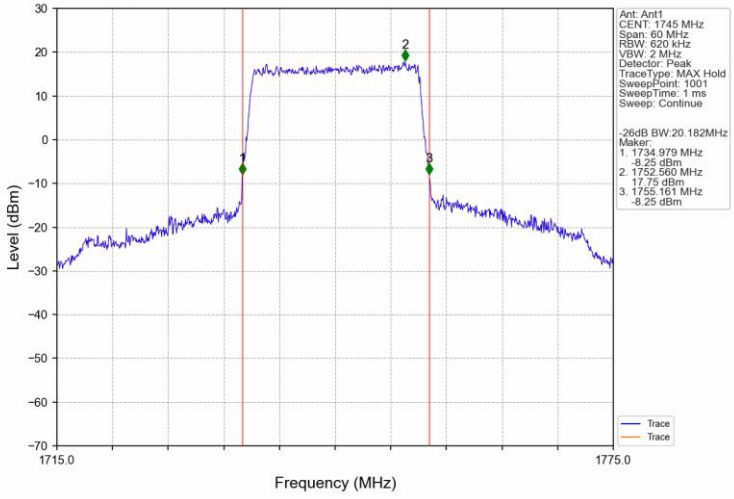
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



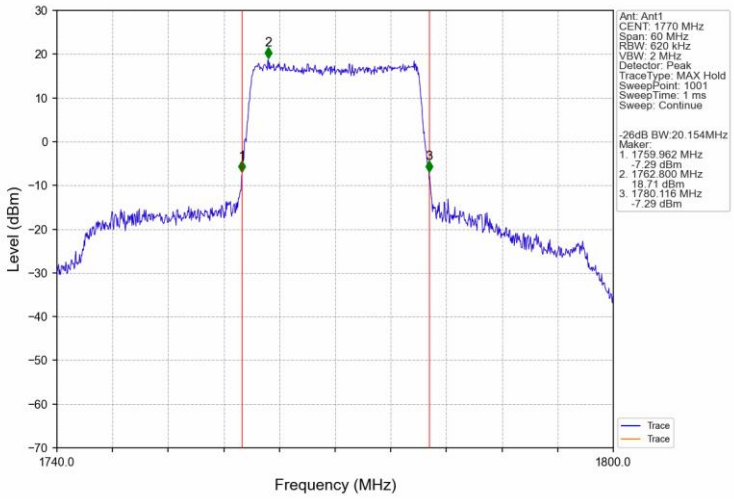
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



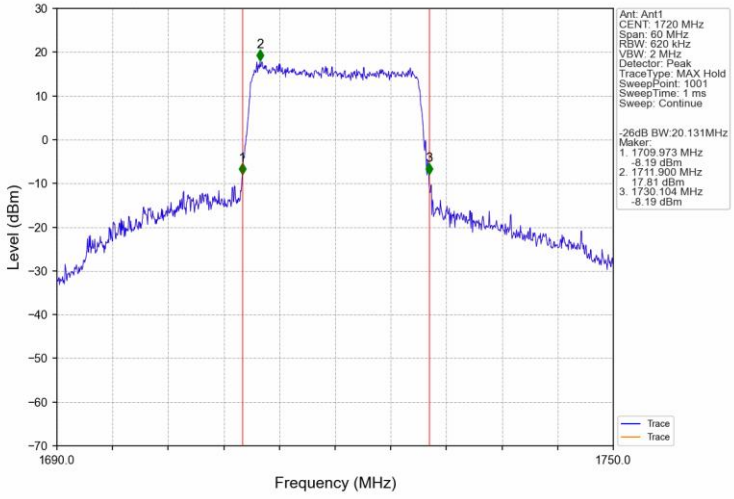
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



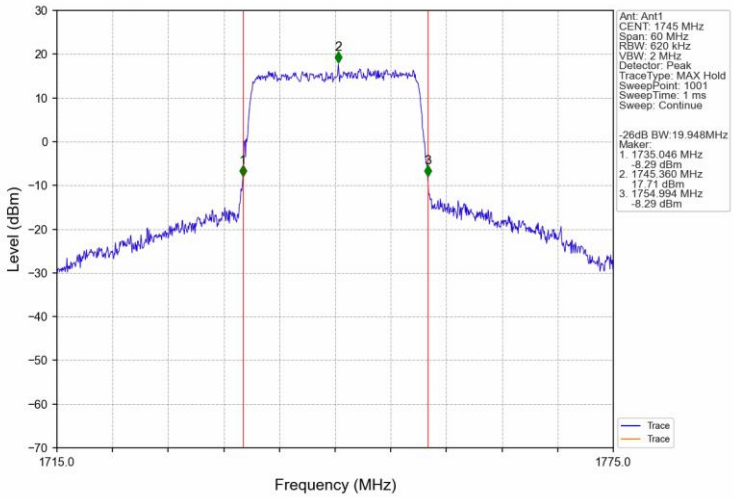
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



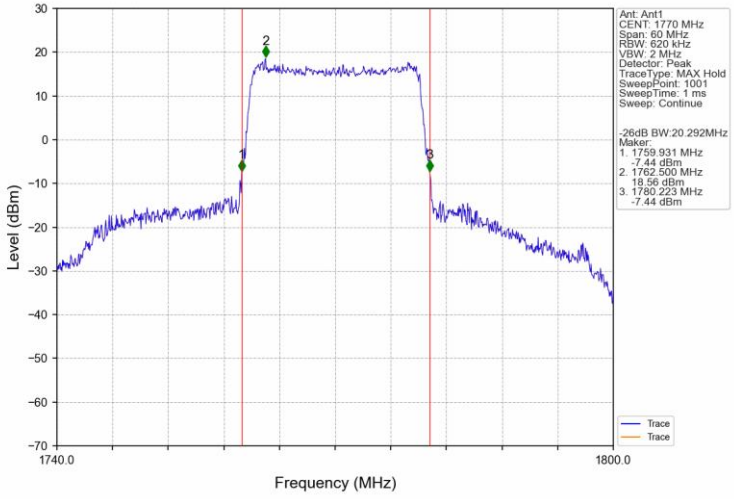
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	3.86	<=13	Pass
	1745	6	0	4.26	<=13	Pass
	1779.3	6	0	5.07	<=13	Pass
16QAM	1710.7	6	0	4.99	<=13	Pass
	1745	6	0	5.23	<=13	Pass
	1779.3	6	0	5.98	<=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	4.12	<=13	Pass
	1745	15	0	4.41	<=13	Pass
	1778.5	15	0	5.30	<=13	Pass
16QAM	1711.5	15	0	5.01	<=13	Pass
	1745	15	0	5.33	<=13	Pass
	1778.5	15	0	6.29	<=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	4.68	<=13	Pass
	1745	25	0	4.88	<=13	Pass
	1777.5	25	0	5.57	<=13	Pass
16QAM	1712.5	25	0	5.46	<=13	Pass
	1745	25	0	5.63	<=13	Pass
	1777.5	25	0	6.38	<=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	4.95	<=13	Pass
	1745	50	0	4.91	<=13	Pass
	1775	50	0	5.59	<=13	Pass
16QAM	1715	50	0	5.75	<=13	Pass
	1745	50	0	5.71	<=13	Pass

	1775	50	0	6.47	<=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	4.97	<=13	Pass
	1745	75	0	4.90	<=13	Pass
	1772.5	75	0	4.96	<=13	Pass
16QAM	1717.5	75	0	6.23	<=13	Pass
	1745	75	0	6.06	<=13	Pass
	1772.5	75	0	6.27	<=13	Pass

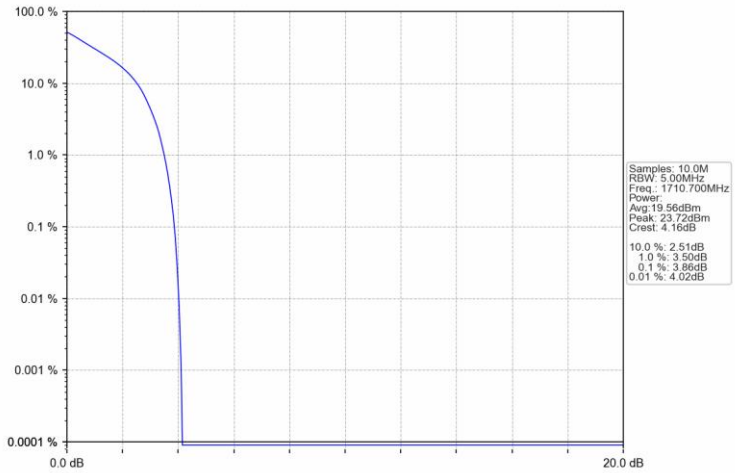
5.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.74	<=13	Pass
	1745	100	0	5.66	<=13	Pass
	1770	100	0	5.65	<=13	Pass
16QAM	1720	100	0	6.84	<=13	Pass
	1745	100	0	6.69	<=13	Pass
	1770	100	0	6.81	<=13	Pass

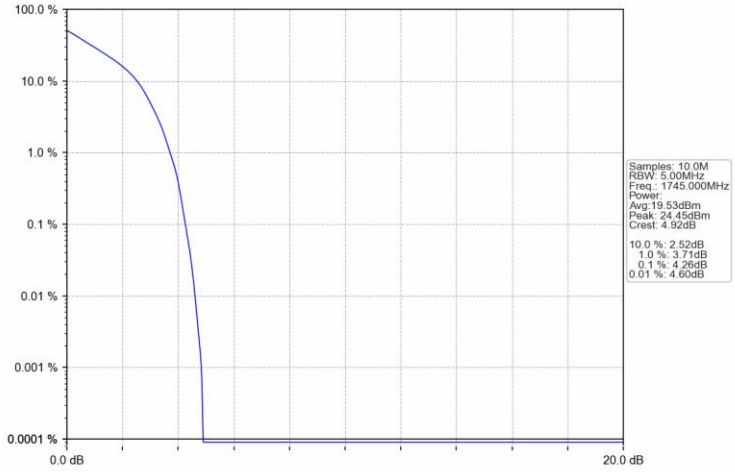
5.2 Test Graph

5.2.1 B66_1.4MHz

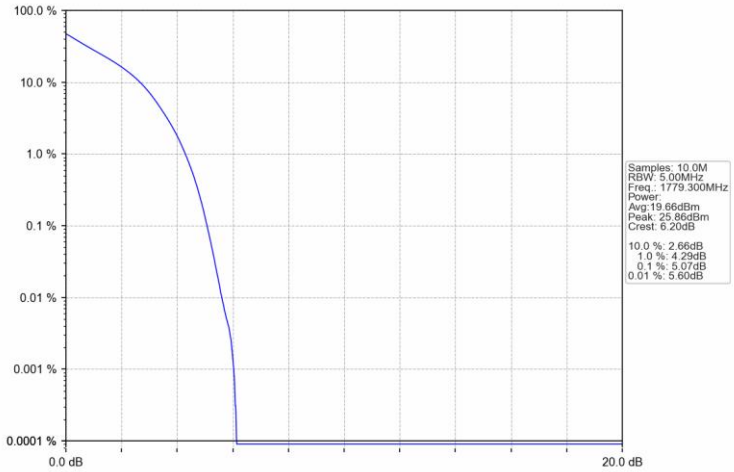
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



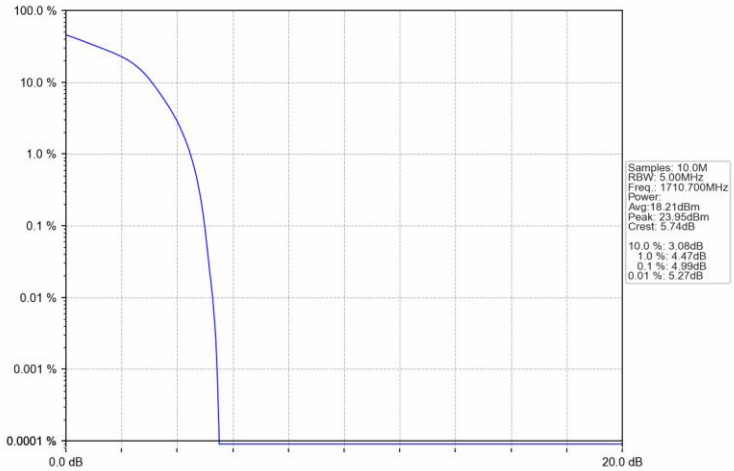
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



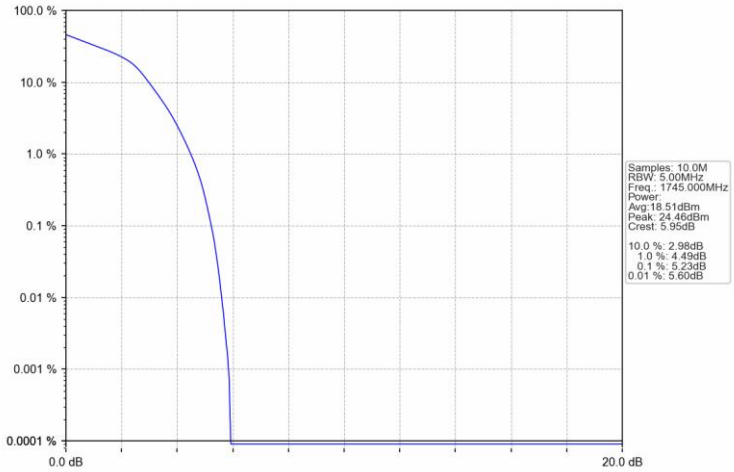
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



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