1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.61	0.92	23.53	<=30	Pass
			2	22.73	0.92	23.65	<=30	Pass
			5	22.73	0.92	23.65	<=30	Pass
		3	0	22.70	0.92	23.62	<=30	Pass
			2	22.74	0.92	23.66	<=30	Pass
			3	22.76	0.92	23.68	<=30	Pass
		6	0	21.58	0.92	22.50	<=30	Pass
	1745	1	0	22.27	0.92	23.19	<=30	Pass
			2	22.43	0.92	23.35	<=30	Pass
			5	22.47	0.92	23.39	<=30	Pass
		3	0	22.44	0.92	23.36	<=30	Pass
			2	22.56	0.92	23.48	<=30	Pass
			3	22.58	0.92	23.50	<=30	Pass
		6	0	21.36	0.92	22.28	<=30	Pass
	1779.3	1	0	22.07	0.92	22.99	<=30	Pass
			2	22.00	0.92	22.92	<=30	Pass
			5	21.99	0.92	22.91	<=30	Pass
		3	0	22.01	0.92	22.93	<=30	Pass
			2	21.97	0.92	22.89	<=30	Pass
			3	21.99	0.92	22.91	<=30	Pass
		6	0	21.08	0.92	22.00	<=30	Pass
16QAM	1710.7	1	0	21.85	0.92	22.77	<=30	Pass
			2	21.90	0.92	22.82	<=30	Pass
			5	21.89	0.92	22.81	<=30	Pass
		3	0	21.65	0.92	22.57	<=30	Pass
			2	21.69	0.92	22.61	<=30	Pass
			3	21.66	0.92	22.58	<=30	Pass
		6	0	20.90	0.92	21.82	<=30	Pass
	1745	1	0	21.89	0.92	22.81	<=30	Pass
			2	21.95	0.92	22.87	<=30	Pass
			5	21.87	0.92	22.79	<=30	Pass
		3	0	21.28	0.92	22.20	<=30	Pass
			2	21.34	0.92	22.26	<=30	Pass
			3	21.28	0.92	22.20	<=30	Pass
		6	0	20.72	0.92	21.64	<=30	Pass
	1779.3	1	0	20.68	0.92	21.60	<=30	Pass
			2	20.53	0.92	21.45	<=30	Pass
			5	20.58	0.92	21.50	<=30	Pass
		3	0	20.90	0.92	21.82	<=30	Pass
			2	20.89	0.92	21.81	<=30	Pass
			3	20.88	0.92	21.80	<=30	Pass
		6	0	20.10	0.92	21.02	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B66_3MHz_EIRP

1.2.1 Test Result

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	22.68	0.92	23.60	<=30	Pass
			7	22.62	0.92	23.54	<=30	Pass
			14	22.59	0.92	23.51	<=30	Pass
		8	0	21.68	0.92	22.60	<=30	Pass
			4	21.74	0.92	22.66	<=30	Pass
			7	21.70	0.92	22.62	<=30	Pass
		15	0	21.72	0.92	22.64	<=30	Pass
	1745	1	0	22.40	0.92	23.32	<=30	Pass
			7	22.33	0.92	23.25	<=30	Pass
			14	22.36	0.92	23.28	<=30	Pass
		8	0	21.55	0.92	22.47	<=30	Pass
			4	21.49	0.92	22.41	<=30	Pass
			7	21.45	0.92	22.37	<=30	Pass
		15	0	21.55	0.92	22.47	<=30	Pass
	1778.5	1	0	22.14	0.92	23.06	<=30	Pass
			7	22.00	0.92	22.92	<=30	Pass
			14	22.04	0.92	22.96	<=30	Pass
		8	0	21.12	0.92	22.04	<=30	Pass
			4	21.00	0.92	21.92	<=30	Pass
			7	21.02	0.92	21.94	<=30	Pass
		15	0	21.06	0.92	21.98	<=30	Pass
16QAM	1711.5	1	0	21.95	0.92	22.87	<=30	Pass
			7	21.93	0.92	22.85	<=30	Pass
			14	21.88	0.92	22.80	<=30	Pass
		8	0	20.99	0.92	21.91	<=30	Pass
			4	20.95	0.92	21.87	<=30	Pass
			7	21.01	0.92	21.93	<=30	Pass
		15	0	20.87	0.92	21.79	<=30	Pass
	1745	1	0	22.31	0.92	23.23	<=30	Pass
			7	22.40	0.92	23.32	<=30	Pass
			14	22.27	0.92	23.19	<=30	Pass
		8	0	20.79	0.92	21.71	<=30	Pass
			4	20.82	0.92	21.74	<=30	Pass
			7	20.79	0.92	21.71	<=30	Pass
		15	0	20.76	0.92	21.68	<=30	Pass
	1778.5	1	0	20.97	0.92	21.89	<=30	Pass
			7	20.85	0.92	21.77	<=30	Pass
			14	20.86	0.92	21.78	<=30	Pass
		8	0	20.44	0.92	21.36	<=30	Pass
			4	20.35	0.92	21.27	<=30	Pass
			7	20.35	0.92	21.27	<=30	Pass
		15	0	20.17	0.92	21.09	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.65	0.92	23.57	<=30	Pass
			13	22.60	0.92	23.52	<=30	Pass
			24	22.56	0.92	23.48	<=30	Pass
		12	0	21.79	0.92	22.71	<=30	Pass
			6	21.71	0.92	22.63	<=30	Pass
			13	21.75	0.92	22.67	<=30	Pass
		25	0	21.68	0.92	22.60	<=30	Pass
	1745	1	0	22.64	0.92	23.56	<=30	Pass
			13	22.67	0.92	23.59	<=30	Pass
			24	22.67	0.92	23.59	<=30	Pass
		12	0	21.50	0.92	22.42	<=30	Pass
			6	21.55	0.92	22.47	<=30	Pass
			13	21.53	0.92	22.45	<=30	Pass
		25	0	21.52	0.92	22.44	<=30	Pass
	1777.5	1	0	22.06	0.92	22.98	<=30	Pass
			13	22.04	0.92	22.96	<=30	Pass
			24	21.96	0.92	22.88	<=30	Pass
		12	0	21.15	0.92	22.07	<=30	Pass
			6	21.19	0.92	22.11	<=30	Pass
			13	20.94	0.92	21.86	<=30	Pass
		25	0	21.12	0.92	22.04	<=30	Pass
16QAM	1712.5	1	0	21.09	0.92	22.01	<=30	Pass
			13	21.06	0.92	21.98	<=30	Pass
			24	21.03	0.92	21.95	<=30	Pass
		12	0	20.86	0.92	21.78	<=30	Pass
			6	20.89	0.92	21.81	<=30	Pass
			13	20.82	0.92	21.74	<=30	Pass
		25	0	20.88	0.92	21.80	<=30	Pass
	1745	1	0	21.72	0.92	22.64	<=30	Pass
			13	21.72	0.92	22.64	<=30	Pass
			24	21.70	0.92	22.62	<=30	Pass
		12	0	20.58	0.92	21.50	<=30	Pass
			6	20.64	0.92	21.56	<=30	Pass
			13	20.61	0.92	21.53	<=30	Pass
		25	0	20.66	0.92	21.58	<=30	Pass
	1777.5	1	0	21.26	0.92	22.18	<=30	Pass
			13	21.13	0.92	22.05	<=30	Pass
			24	21.04	0.92	21.96	<=30	Pass
		12	0	20.19	0.92	21.11	<=30	Pass
			6	20.23	0.92	21.15	<=30	Pass
			13	20.09	0.92	21.01	<=30	Pass
		25	0	20.20	0.92	21.12	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B66_10MHz_EIRP

1.4.1 Test Result

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	22.66	0.92	23.58	<=30	Pass
			25	22.60	0.92	23.52	<=30	Pass
			49	22.62	0.92	23.54	<=30	Pass
		25	0	21.78	0.92	22.70	<=30	Pass
			13	21.68	0.92	22.60	<=30	Pass
			25	21.64	0.92	22.56	<=30	Pass
		50	0	21.84	0.92	22.76	<=30	Pass
	1745	1	0	22.56	0.92	23.48	<=30	Pass
			25	22.51	0.92	23.43	<=30	Pass
			49	22.50	0.92	23.42	<=30	Pass
		25	0	21.71	0.92	22.63	<=30	Pass
			13	21.48	0.92	22.40	<=30	Pass
			25	21.59	0.92	22.51	<=30	Pass
		50	0	21.50	0.92	22.42	<=30	Pass
	1775	1	0	22.39	0.92	23.31	<=30	Pass
			25	22.26	0.92	23.18	<=30	Pass
			49	22.09	0.92	23.01	<=30	Pass
		25	0	21.36	0.92	22.28	<=30	Pass
			13	21.18	0.92	22.10	<=30	Pass
			25	21.23	0.92	22.15	<=30	Pass
		50	0	21.19	0.92	22.11	<=30	Pass
16QAM	1715	1	0	22.15	0.92	23.07	<=30	Pass
			25	22.10	0.92	23.02	<=30	Pass
			49	22.09	0.92	23.01	<=30	Pass
		25	0	20.83	0.92	21.75	<=30	Pass
			13	20.78	0.92	21.70	<=30	Pass
			25	20.82	0.92	21.74	<=30	Pass
		50	0	20.79	0.92	21.71	<=30	Pass
	1745	1	0	22.28	0.92	23.20	<=30	Pass
			25	22.29	0.92	23.21	<=30	Pass
			49	22.26	0.92	23.18	<=30	Pass
		25	0	20.72	0.92	21.64	<=30	Pass
			13	20.73	0.92	21.65	<=30	Pass
			25	20.61	0.92	21.53	<=30	Pass
		50	0	20.74	0.92	21.66	<=30	Pass
	1775	1	0	21.00	0.92	21.92	<=30	Pass
			25	20.80	0.92	21.72	<=30	Pass
			49	20.61	0.92	21.53	<=30	Pass
		25	0	20.50	0.92	21.42	<=30	Pass
			13	20.44	0.92	21.36	<=30	Pass
			25	20.30	0.92	21.22	<=30	Pass
		50	0	20.29	0.92	21.21	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.68	0.92	23.60	<=30	Pass
			38	22.62	0.92	23.54	<=30	Pass
			74	22.54	0.92	23.46	<=30	Pass
		36	0	21.76	0.92	22.68	<=30	Pass
			18	21.77	0.92	22.69	<=30	Pass
			39	21.55	0.92	22.47	<=30	Pass
		75	0	21.69	0.92	22.61	<=30	Pass
	1745	1	0	22.61	0.92	23.53	<=30	Pass
			38	22.53	0.92	23.45	<=30	Pass
			74	22.45	0.92	23.37	<=30	Pass
		36	0	21.58	0.92	22.50	<=30	Pass
			18	21.58	0.92	22.50	<=30	Pass
			39	21.49	0.92	22.41	<=30	Pass
		75	0	21.64	0.92	22.56	<=30	Pass
	1772.5	1	0	22.49	0.92	23.41	<=30	Pass
			38	22.34	0.92	23.26	<=30	Pass
			74	22.06	0.92	22.98	<=30	Pass
		36	0	21.38	0.92	22.30	<=30	Pass
			18	21.38	0.92	22.30	<=30	Pass
			39	21.07	0.92	21.99	<=30	Pass
		75	0	21.24	0.92	22.16	<=30	Pass
16QAM	1717.5	1	0	22.19	0.92	23.11	<=30	Pass
			38	22.16	0.92	23.08	<=30	Pass
			74	22.05	0.92	22.97	<=30	Pass
		36	0	20.88	0.92	21.80	<=30	Pass
			18	20.77	0.92	21.69	<=30	Pass
			39	20.80	0.92	21.72	<=30	Pass
		75	0	20.82	0.92	21.74	<=30	Pass
	1745	1	0	22.27	0.92	23.19	<=30	Pass
			38	22.26	0.92	23.18	<=30	Pass
			74	22.20	0.92	23.12	<=30	Pass
		36	0	20.74	0.92	21.66	<=30	Pass
			18	20.75	0.92	21.67	<=30	Pass
			39	20.70	0.92	21.62	<=30	Pass
		75	0	20.71	0.92	21.63	<=30	Pass
	1772.5	1	0	21.80	0.92	22.72	<=30	Pass
			38	21.77	0.92	22.69	<=30	Pass
			74	21.47	0.92	22.39	<=30	Pass
		36	0	20.52	0.92	21.44	<=30	Pass
			18	20.48	0.92	21.40	<=30	Pass
			39	20.27	0.92	21.19	<=30	Pass
		75	0	20.44	0.92	21.36	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B66_20MHz_EIRP

1.6.1 Test Result

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	22.85	0.92	23.77	<=30	Pass
			50	22.78	0.92	23.70	<=30	Pass
			99	22.73	0.92	23.65	<=30	Pass
		50	0	21.66	0.92	22.58	<=30	Pass
			25	21.69	0.92	22.61	<=30	Pass
			50	21.59	0.92	22.51	<=30	Pass
		100	0	21.73	0.92	22.65	<=30	Pass
	1745	1	0	22.54	0.92	23.46	<=30	Pass
			50	22.45	0.92	23.37	<=30	Pass
			99	22.42	0.92	23.34	<=30	Pass
		50	0	21.69	0.92	22.61	<=30	Pass
			25	21.67	0.92	22.59	<=30	Pass
			50	21.53	0.92	22.45	<=30	Pass
		100	0	21.59	0.92	22.51	<=30	Pass
	1770	1	0	22.50	0.92	23.42	<=30	Pass
			50	22.47	0.92	23.39	<=30	Pass
			99	22.11	0.92	23.03	<=30	Pass
		50	0	21.45	0.92	22.37	<=30	Pass
			25	21.49	0.92	22.41	<=30	Pass
			50	21.27	0.92	22.19	<=30	Pass
		100	0	21.51	0.92	22.43	<=30	Pass
16QAM	1720	1	0	21.91	0.92	22.83	<=30	Pass
			50	21.89	0.92	22.81	<=30	Pass
			99	21.83	0.92	22.75	<=30	Pass
		50	0	20.94	0.92	21.86	<=30	Pass
			25	20.85	0.92	21.77	<=30	Pass
			50	20.84	0.92	21.76	<=30	Pass
		100	0	20.82	0.92	21.74	<=30	Pass
	1745	1	0	22.16	0.92	23.08	<=30	Pass
			50	22.21	0.92	23.13	<=30	Pass
			99	22.07	0.92	22.99	<=30	Pass
		50	0	20.83	0.92	21.75	<=30	Pass
			25	20.83	0.92	21.75	<=30	Pass
			50	20.76	0.92	21.68	<=30	Pass
		100	0	20.72	0.92	21.64	<=30	Pass
	1770	1	0	22.07	0.92	22.99	<=30	Pass
			50	22.02	0.92	22.94	<=30	Pass
			99	21.81	0.92	22.73	<=30	Pass
		50	0	20.55	0.92	21.47	<=30	Pass
			25	20.50	0.92	21.42	<=30	Pass
			50	20.28	0.92	21.20	<=30	Pass
		100	0	20.57	0.92	21.49	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

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	-16.022	-0.0094	-2.5 to 2.5	Pass
					3.85	-24.848	-0.0145	-2.5 to 2.5	Pass
					4.43	-32.229	-0.0188	-2.5 to 2.5	Pass
				-30	3.85	-25.864	-0.0151	-2.5 to 2.5	Pass
				-20	3.85	-17.982	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-14.520	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				10	3.85	3.476	0.0020	-2.5 to 2.5	Pass
				30	3.85	38.438	0.0225	-2.5 to 2.5	Pass
				40	3.85	10.672	0.0062	-2.5 to 2.5	Pass
				50	3.85	27.294	0.0160	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	37.751	0.0216	-2.5 to 2.5	Pass
					3.85	6.266	0.0036	-2.5 to 2.5	Pass
					4.43	-18.682	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-37.279	-0.0214	-2.5 to 2.5	Pass
				-20	3.85	3.533	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-31.972	-0.0183	-2.5 to 2.5	Pass
				0	3.85	-38.652	-0.0222	-2.5 to 2.5	Pass
				10	3.85	-32.158	-0.0184	-2.5 to 2.5	Pass
				30	3.85	-12.388	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-27.509	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-33.975	-0.0195	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	7.281	0.0041	-2.5 to 2.5	Pass
					3.85	1.230	0.0007	-2.5 to 2.5	Pass
					4.43	-2.217	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-9.928	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-18.997	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-23.346	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-25.578	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-31.500	-0.0177	-2.5 to 2.5	Pass
				30	3.85	-35.849	-0.0201	-2.5 to 2.5	Pass
				40	3.85	-39.339	-0.0221	-2.5 to 2.5	Pass
				50	3.85	5.336	0.0030	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	40.140	0.0235	-2.5 to 2.5	Pass
					3.85	32.659	0.0191	-2.5 to 2.5	Pass
					4.43	-8.454	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	5.021	0.0029	-2.5 to 2.5	Pass
				-10	3.85	11.101	0.0065	-2.5 to 2.5	Pass
				0	3.85	11.058	0.0065	-2.5 to 2.5	Pass
				10	3.85	15.993	0.0093	-2.5 to 2.5	Pass
				30	3.85	11.129	0.0065	-2.5 to 2.5	Pass
				40	3.85	9.284	0.0054	-2.5 to 2.5	Pass
				50	3.85	7.453	0.0044	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-32.487	-0.0186	-2.5 to 2.5	Pass
					3.85	-30.098	-0.0172	-2.5 to 2.5	Pass
					4.43	4.549	0.0026	-2.5 to 2.5	Pass

				-30	3.85	-18.282	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-24.576	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-23.260	-0.0133	-2.5 to 2.5	Pass
				30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				40	3.85	-11.115	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-24.748	-0.0142	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-8.740	-0.0049	-2.5 to 2.5	Pass
					3.85	0.243	0.0001	-2.5 to 2.5	Pass
					4.43	-19.641	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-32.187	-0.0181	-2.5 to 2.5	Pass
				-20	3.85	-17.610	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-35.162	-0.0198	-2.5 to 2.5	Pass
				0	3.85	15.950	0.0090	-2.5 to 2.5	Pass
				10	3.85	-18.082	-0.0102	-2.5 to 2.5	Pass
				30	3.85	9.413	0.0053	-2.5 to 2.5	Pass
				40	3.85	-36.721	-0.0206	-2.5 to 2.5	Pass
				50	3.85	-48.122	-0.0270	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

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	19.612	0.0115	-2.5 to 2.5	Pass
					3.85	-16.193	-0.0095	-2.5 to 2.5	Pass
					4.43	-35.734	-0.0209	-2.5 to 2.5	Pass
				-30	3.85	-26.665	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-42.357	-0.0247	-2.5 to 2.5	Pass
				-10	3.85	-36.349	-0.0212	-2.5 to 2.5	Pass
				0	3.85	-18.311	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-28.238	-0.0165	-2.5 to 2.5	Pass
				30	3.85	-6.080	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-16.680	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	5.751	0.0033	-2.5 to 2.5	Pass
					3.85	-8.926	-0.0051	-2.5 to 2.5	Pass
					4.43	-28.725	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	7.296	0.0042	-2.5 to 2.5	Pass
				-20	3.85	-17.824	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-15.593	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-29.840	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-20.328	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-31.714	-0.0182	-2.5 to 2.5	Pass
				50	3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	24.419	0.0137	-2.5 to 2.5	Pass
					3.85	21.715	0.0122	-2.5 to 2.5	Pass
					4.43	19.212	0.0108	-2.5 to 2.5	Pass
				-30	3.85	12.388	0.0070	-2.5 to 2.5	Pass
				-20	3.85	6.380	0.0036	-2.5 to 2.5	Pass
				-10	3.85	6.580	0.0037	-2.5 to 2.5	Pass

				0	3.85	4.392	0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				30	3.85	2.689	0.0015	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-38.266	-0.0224	-2.5 to 2.5	Pass
					3.85	-23.417	-0.0137	-2.5 to 2.5	Pass
					4.43	-44.661	-0.0261	-2.5 to 2.5	Pass
				-30	3.85	-23.518	-0.0137	-2.5 to 2.5	Pass
				-20	3.85	-38.466	-0.0225	-2.5 to 2.5	Pass
				-10	3.85	-17.452	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-34.218	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-15.564	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-30.470	-0.0178	-2.5 to 2.5	Pass
				50	3.85	6.423	0.0038	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-15.035	-0.0086	-2.5 to 2.5	Pass
					3.85	-25.291	-0.0145	-2.5 to 2.5	Pass
					4.43	-28.839	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	-35.477	-0.0203	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-9.356	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-13.990	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-15.550	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-21.243	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-25.148	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-27.151	-0.0156	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-3.991	-0.0022	-2.5 to 2.5	Pass
					3.85	-5.164	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.678	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass

2.3 B66_5MHz

2.3.1 Test Result

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	18.325	0.0107	-2.5 to 2.5	Pass
					3.85	12.660	0.0074	-2.5 to 2.5	Pass
					4.43	9.456	0.0055	-2.5 to 2.5	Pass
				-30	3.85	5.779	0.0034	-2.5 to 2.5	Pass
				-20	3.85	6.809	0.0040	-2.5 to 2.5	Pass
				-10	3.85	9.441	0.0055	-2.5 to 2.5	Pass
				0	3.85	9.685	0.0057	-2.5 to 2.5	Pass
				10	3.85	9.084	0.0053	-2.5 to 2.5	Pass
				30	3.85	9.928	0.0058	-2.5 to 2.5	Pass

				40	3.85	12.946	0.0076	-2.5 to 2.5	Pass
				50	3.85	12.231	0.0071	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	20.757	0.0119	-2.5 to 2.5	Pass
					3.85	22.030	0.0126	-2.5 to 2.5	Pass
					4.43	19.312	0.0111	-2.5 to 2.5	Pass
				-30	3.85	19.941	0.0114	-2.5 to 2.5	Pass
				-20	3.85	23.761	0.0136	-2.5 to 2.5	Pass
				-10	3.85	26.479	0.0152	-2.5 to 2.5	Pass
				0	3.85	30.556	0.0175	-2.5 to 2.5	Pass
				10	3.85	37.465	0.0215	-2.5 to 2.5	Pass
				30	3.85	40.727	0.0233	-2.5 to 2.5	Pass
				40	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	27.294	0.0154	-2.5 to 2.5	Pass
					3.85	24.533	0.0138	-2.5 to 2.5	Pass
					4.43	24.705	0.0139	-2.5 to 2.5	Pass
				-30	3.85	32.129	0.0181	-2.5 to 2.5	Pass
				-20	3.85	35.563	0.0200	-2.5 to 2.5	Pass
				-10	3.85	43.445	0.0244	-2.5 to 2.5	Pass
				0	3.85	44.217	0.0249	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				40	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.133	0.0018	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	15.635	0.0091	-2.5 to 2.5	Pass
					3.85	14.319	0.0084	-2.5 to 2.5	Pass
					4.43	15.106	0.0088	-2.5 to 2.5	Pass
				-30	3.85	13.833	0.0081	-2.5 to 2.5	Pass
				-20	3.85	11.201	0.0065	-2.5 to 2.5	Pass
				-10	3.85	12.503	0.0073	-2.5 to 2.5	Pass
				0	3.85	10.872	0.0063	-2.5 to 2.5	Pass
				10	3.85	11.215	0.0065	-2.5 to 2.5	Pass
				30	3.85	13.046	0.0076	-2.5 to 2.5	Pass
				40	3.85	9.570	0.0056	-2.5 to 2.5	Pass
				50	3.85	13.061	0.0076	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-2.017	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	3.033	0.0017	-2.5 to 2.5	Pass
				-30	3.85	4.792	0.0027	-2.5 to 2.5	Pass
				-20	3.85	3.004	0.0017	-2.5 to 2.5	Pass
				-10	3.85	5.636	0.0032	-2.5 to 2.5	Pass
				0	3.85	4.978	0.0029	-2.5 to 2.5	Pass
				10	3.85	8.941	0.0051	-2.5 to 2.5	Pass
				30	3.85	12.617	0.0072	-2.5 to 2.5	Pass
				40	3.85	9.570	0.0055	-2.5 to 2.5	Pass
				50	3.85	9.255	0.0053	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	6.895	0.0039	-2.5 to 2.5	Pass
					3.85	10.099	0.0057	-2.5 to 2.5	Pass
					4.43	11.816	0.0066	-2.5 to 2.5	Pass
				-30	3.85	12.202	0.0069	-2.5 to 2.5	Pass
				-20	3.85	13.289	0.0075	-2.5 to 2.5	Pass
				-10	3.85	13.318	0.0075	-2.5 to 2.5	Pass
				0	3.85	9.999	0.0056	-2.5 to 2.5	Pass
				10	3.85	10.328	0.0058	-2.5 to 2.5	Pass
				30	3.85	11.501	0.0065	-2.5 to 2.5	Pass
				40	3.85	13.447	0.0076	-2.5 to 2.5	Pass
				50	3.85	15.435	0.0087	-2.5 to 2.5	Pass

2.4 B66_10MHz

2.4.1 Test Result

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	17.838	0.0104	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0013	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	4.005	0.0023	-2.5 to 2.5	Pass
				-10	3.85	4.120	0.0024	-2.5 to 2.5	Pass
				0	3.85	7.567	0.0044	-2.5 to 2.5	Pass
				10	3.85	8.268	0.0048	-2.5 to 2.5	Pass
				30	3.85	4.592	0.0027	-2.5 to 2.5	Pass
				40	3.85	8.354	0.0049	-2.5 to 2.5	Pass
				50	3.85	7.038	0.0041	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	6.881	0.0039	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
					4.43	8.469	0.0049	-2.5 to 2.5	Pass
				-30	3.85	20.413	0.0117	-2.5 to 2.5	Pass
				-20	3.85	33.088	0.0190	-2.5 to 2.5	Pass
				-10	3.85	7.739	0.0044	-2.5 to 2.5	Pass
				0	3.85	19.255	0.0110	-2.5 to 2.5	Pass
				10	3.85	28.453	0.0163	-2.5 to 2.5	Pass
				30	3.85	38.581	0.0221	-2.5 to 2.5	Pass
				40	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				50	3.85	3.920	0.0022	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	12.360	0.0070	-2.5 to 2.5	Pass
					3.85	3.033	0.0017	-2.5 to 2.5	Pass
					4.43	9.198	0.0052	-2.5 to 2.5	Pass
				-30	3.85	11.201	0.0063	-2.5 to 2.5	Pass
				-20	3.85	17.338	0.0098	-2.5 to 2.5	Pass
				-10	3.85	19.612	0.0110	-2.5 to 2.5	Pass
				0	3.85	22.688	0.0128	-2.5 to 2.5	Pass
				10	3.85	22.588	0.0127	-2.5 to 2.5	Pass
				30	3.85	19.255	0.0108	-2.5 to 2.5	Pass
				40	3.85	22.745	0.0128	-2.5 to 2.5	Pass
				50	3.85	25.535	0.0144	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	8.140	0.0047	-2.5 to 2.5	Pass
					3.85	8.898	0.0052	-2.5 to 2.5	Pass
					4.43	5.708	0.0033	-2.5 to 2.5	Pass
				-30	3.85	4.463	0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.907	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	6.366	0.0036	-2.5 to 2.5	Pass
					3.85	7.367	0.0042	-2.5 to 2.5	Pass
					4.43	5.465	0.0031	-2.5 to 2.5	Pass

				-30	3.85	4.907	0.0028	-2.5 to 2.5	Pass
				-20	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				-10	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	28.138	0.0159	-2.5 to 2.5	Pass
					3.85	25.434	0.0143	-2.5 to 2.5	Pass
					4.43	21.400	0.0121	-2.5 to 2.5	Pass
				-30	3.85	15.678	0.0088	-2.5 to 2.5	Pass
				-20	3.85	10.514	0.0059	-2.5 to 2.5	Pass
				-10	3.85	6.294	0.0035	-2.5 to 2.5	Pass
				0	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass

2.5 B66_15MHz

2.5.1 Test Result

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	21.272	0.0124	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	4.492	0.0026	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				-20	3.85	3.004	0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.591	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	3.562	0.0020	-2.5 to 2.5	Pass
					3.85	1.588	0.0009	-2.5 to 2.5	Pass
					4.43	7.267	0.0042	-2.5 to 2.5	Pass
				-30	3.85	18.926	0.0108	-2.5 to 2.5	Pass
				-20	3.85	33.760	0.0193	-2.5 to 2.5	Pass
				-10	3.85	9.685	0.0056	-2.5 to 2.5	Pass
				0	3.85	24.133	0.0138	-2.5 to 2.5	Pass
				10	3.85	33.302	0.0191	-2.5 to 2.5	Pass
				30	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				40	3.85	10.772	0.0062	-2.5 to 2.5	Pass
				50	3.85	16.966	0.0097	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	18.468	0.0104	-2.5 to 2.5	Pass
					3.85	10.028	0.0057	-2.5 to 2.5	Pass
					4.43	11.230	0.0063	-2.5 to 2.5	Pass
				-30	3.85	13.533	0.0076	-2.5 to 2.5	Pass
				-20	3.85	17.581	0.0099	-2.5 to 2.5	Pass
				-10	3.85	20.986	0.0118	-2.5 to 2.5	Pass

				0	3.85	19.841	0.0112	-2.5 to 2.5	Pass
				10	3.85	19.655	0.0111	-2.5 to 2.5	Pass
				30	3.85	17.896	0.0101	-2.5 to 2.5	Pass
				40	3.85	15.564	0.0088	-2.5 to 2.5	Pass
				50	3.85	20.242	0.0114	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.280	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-11.272	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-11.873	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-16.580	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-18.382	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-18.368	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-21.687	-0.0126	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	22.545	0.0129	-2.5 to 2.5	Pass
					3.85	33.903	0.0194	-2.5 to 2.5	Pass
					4.43	28.911	0.0166	-2.5 to 2.5	Pass
				-30	3.85	21.944	0.0126	-2.5 to 2.5	Pass
				-20	3.85	16.651	0.0095	-2.5 to 2.5	Pass
				-10	3.85	17.309	0.0099	-2.5 to 2.5	Pass
				0	3.85	13.146	0.0075	-2.5 to 2.5	Pass
				10	3.85	12.560	0.0072	-2.5 to 2.5	Pass
				30	3.85	10.815	0.0062	-2.5 to 2.5	Pass
				40	3.85	13.061	0.0075	-2.5 to 2.5	Pass
				50	3.85	15.750	0.0090	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	18.883	0.0107	-2.5 to 2.5	Pass
					3.85	18.024	0.0102	-2.5 to 2.5	Pass
					4.43	16.508	0.0093	-2.5 to 2.5	Pass
				-30	3.85	6.881	0.0039	-2.5 to 2.5	Pass
				-20	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-7.153	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-9.885	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-14.176	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-18.497	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-21.000	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-22.974	-0.0130	-2.5 to 2.5	Pass

2.6 B66_20MHz

2.6.1 Test Result

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	36.364	0.0211	-2.5 to 2.5	Pass
					3.85	9.627	0.0056	-2.5 to 2.5	Pass
					4.43	8.740	0.0051	-2.5 to 2.5	Pass
				-30	3.85	17.567	0.0102	-2.5 to 2.5	Pass
				-20	3.85	16.894	0.0098	-2.5 to 2.5	Pass
				-10	3.85	23.718	0.0138	-2.5 to 2.5	Pass
				0	3.85	23.875	0.0139	-2.5 to 2.5	Pass
				10	3.85	26.965	0.0157	-2.5 to 2.5	Pass
				30	3.85	29.941	0.0174	-2.5 to 2.5	Pass

				40	3.85	31.128	0.0181	-2.5 to 2.5	Pass
				50	3.85	35.005	0.0204	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	12.245	0.0070	-2.5 to 2.5	Pass
					3.85	9.527	0.0055	-2.5 to 2.5	Pass
					4.43	21.701	0.0124	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-20	3.85	6.709	0.0038	-2.5 to 2.5	Pass
				-10	3.85	19.183	0.0110	-2.5 to 2.5	Pass
				0	3.85	31.514	0.0181	-2.5 to 2.5	Pass
				10	3.85	4.892	0.0028	-2.5 to 2.5	Pass
				30	3.85	16.708	0.0096	-2.5 to 2.5	Pass
				40	3.85	22.388	0.0128	-2.5 to 2.5	Pass
				50	3.85	31.772	0.0182	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	3.090	0.0017	-2.5 to 2.5	Pass
					3.85	-7.954	-0.0045	-2.5 to 2.5	Pass
					4.43	-11.044	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-8.612	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-5.550	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-9.084	-0.0051	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	30.570	0.0178	-2.5 to 2.5	Pass
					3.85	28.653	0.0167	-2.5 to 2.5	Pass
					4.43	21.114	0.0123	-2.5 to 2.5	Pass
				-30	3.85	12.932	0.0075	-2.5 to 2.5	Pass
				-20	3.85	8.883	0.0052	-2.5 to 2.5	Pass
				-10	3.85	5.965	0.0035	-2.5 to 2.5	Pass
				0	3.85	5.450	0.0032	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	34.590	0.0198	-2.5 to 2.5	Pass
					3.85	39.597	0.0227	-2.5 to 2.5	Pass
					4.43	33.002	0.0189	-2.5 to 2.5	Pass
				-30	3.85	21.286	0.0122	-2.5 to 2.5	Pass
				-20	3.85	10.300	0.0059	-2.5 to 2.5	Pass
				-10	3.85	3.576	0.0020	-2.5 to 2.5	Pass
				0	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-6.752	-0.0038	-2.5 to 2.5	Pass
					3.85	-11.344	-0.0064	-2.5 to 2.5	Pass
					4.43	-15.707	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-20.328	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-27.266	-0.0154	-2.5 to 2.5	Pass
				-10	3.85	-33.631	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-33.517	-0.0189	-2.5 to 2.5	Pass
				10	3.85	-36.478	-0.0206	-2.5 to 2.5	Pass
				30	3.85	-39.897	-0.0225	-2.5 to 2.5	Pass
				40	3.85	-42.572	-0.0241	-2.5 to 2.5	Pass
				50	3.85	16.036	0.0091	-2.5 to 2.5	Pass

3. Modulation Characteristics

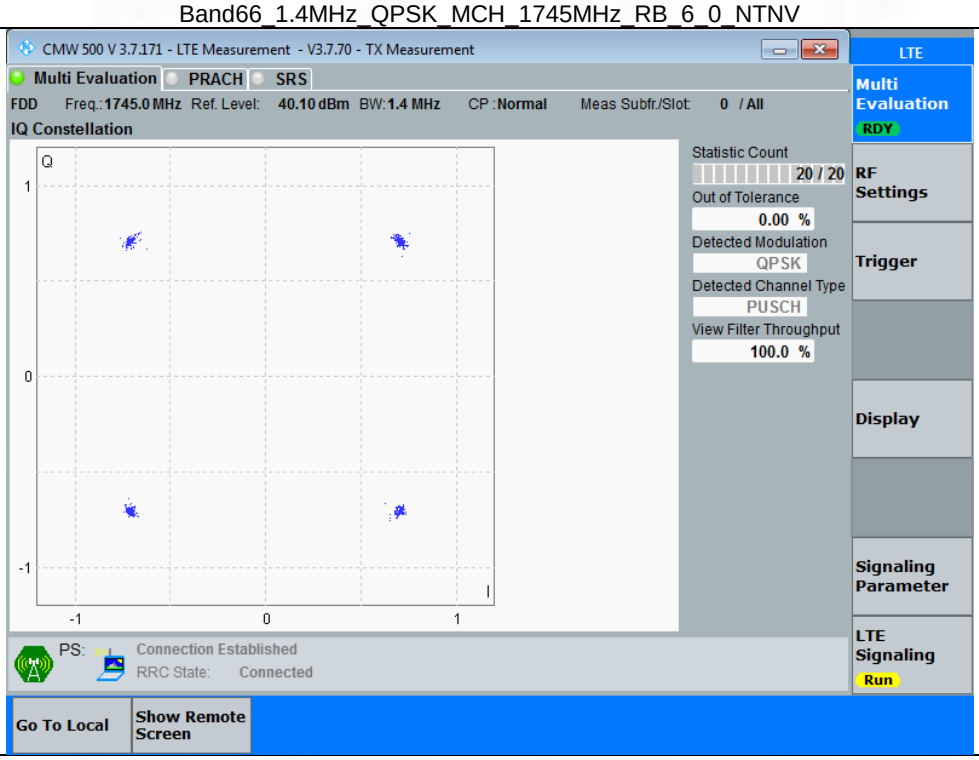
3.1 B66_1.4MHz

3.1.1 Test Result

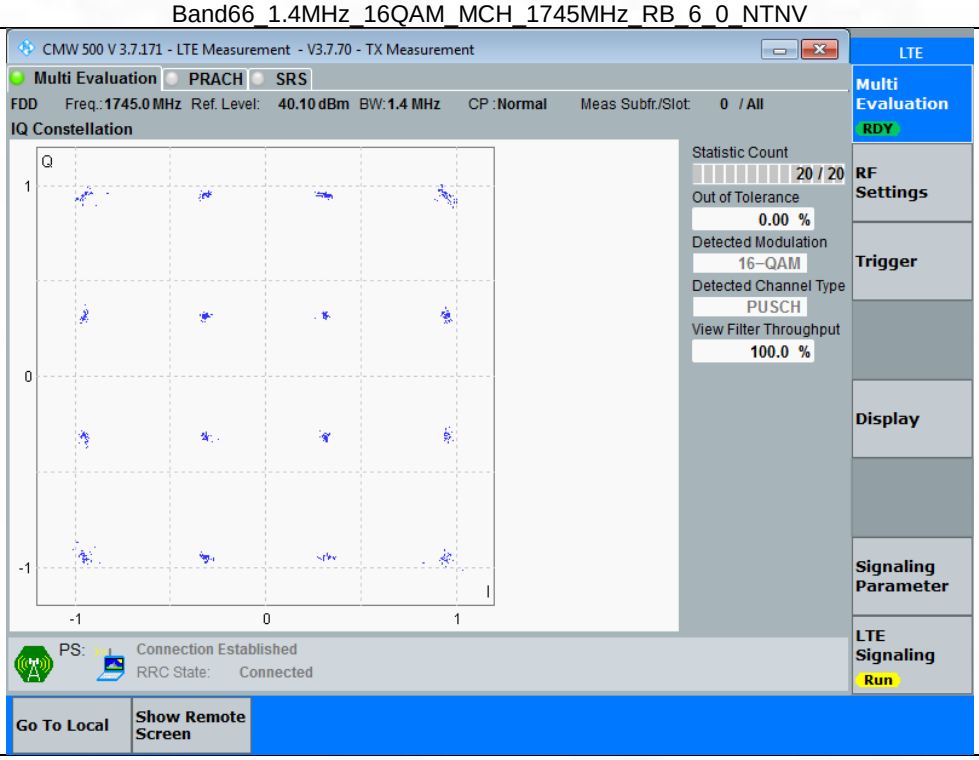
Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



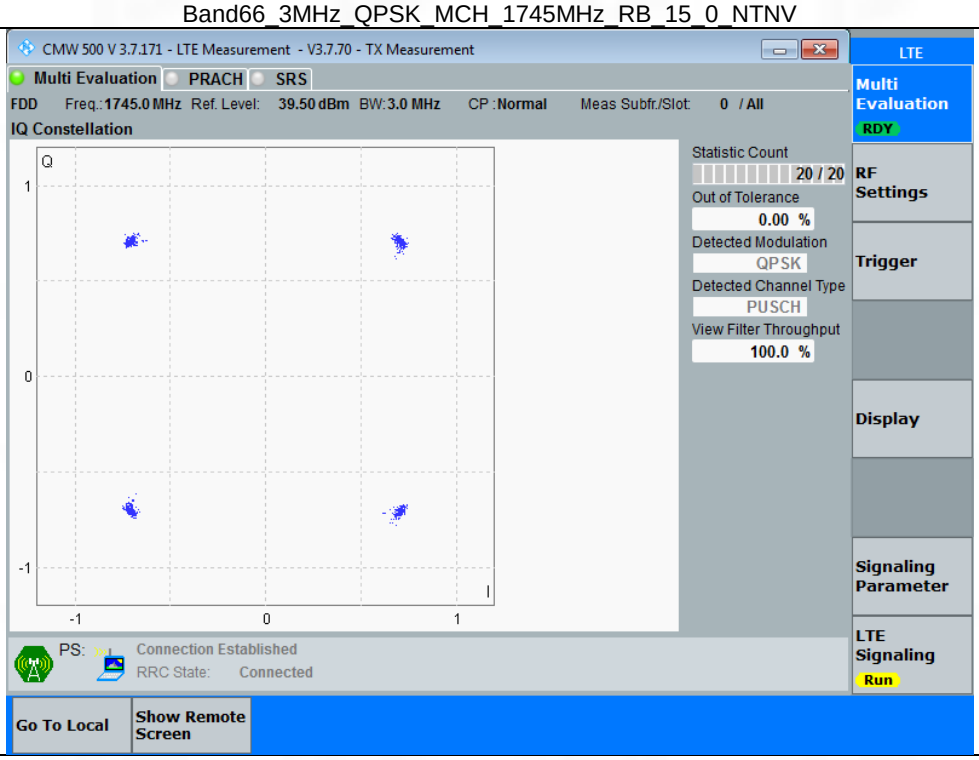
3.2 B66_3MHz

3.2.1 Test Result

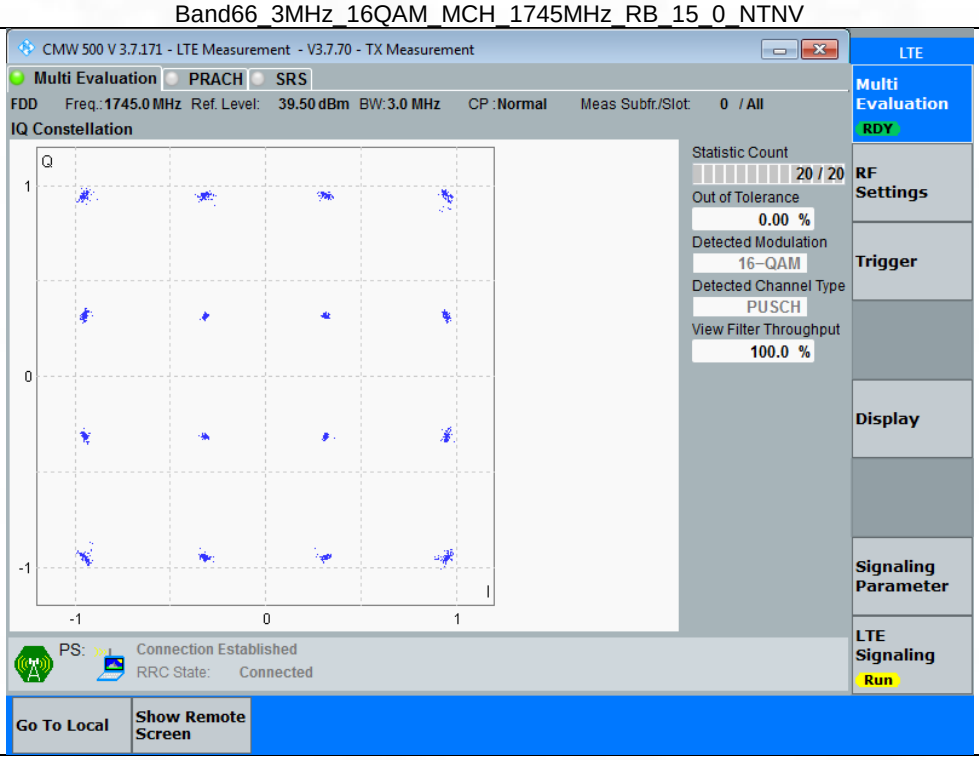
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



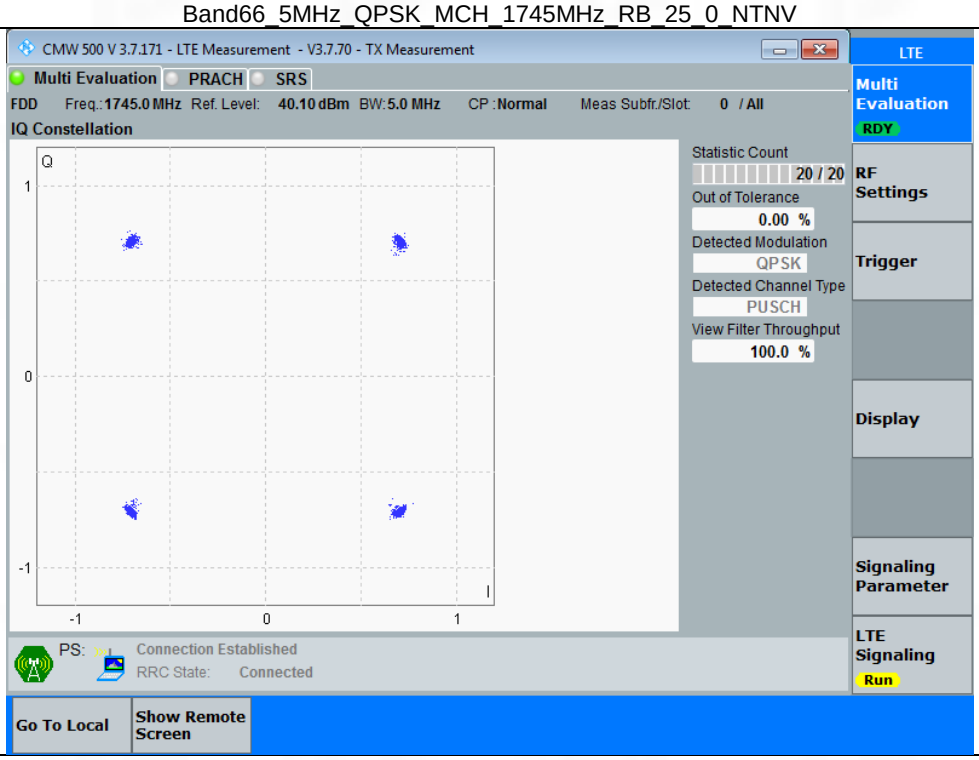
3.3 B66_5MHz

3.3.1 Test Result

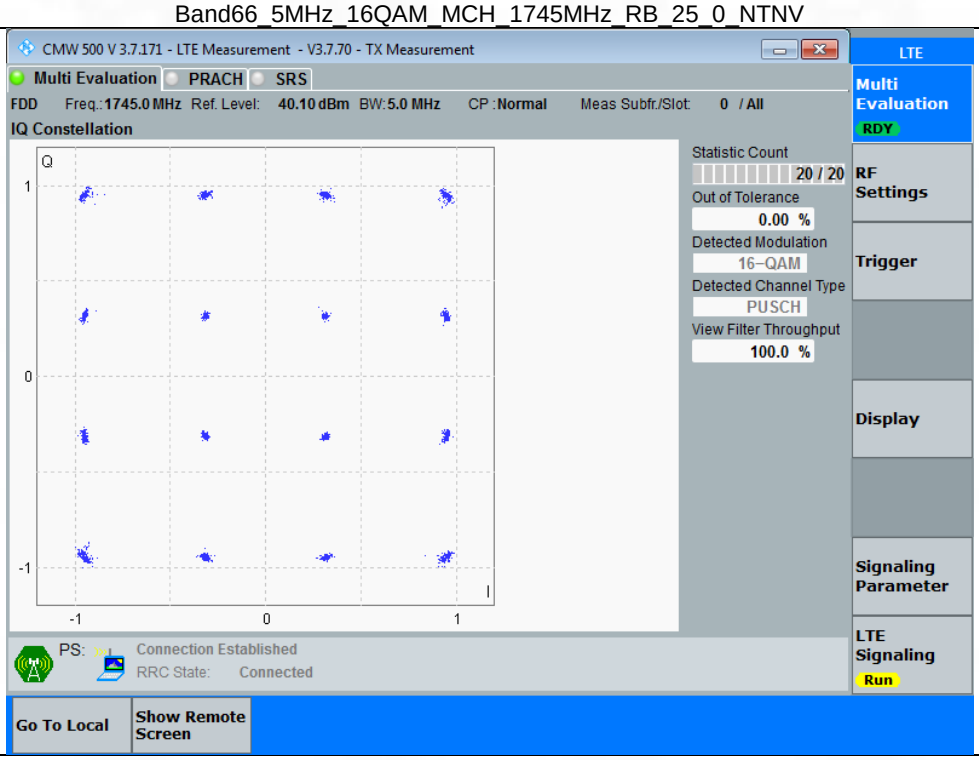
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



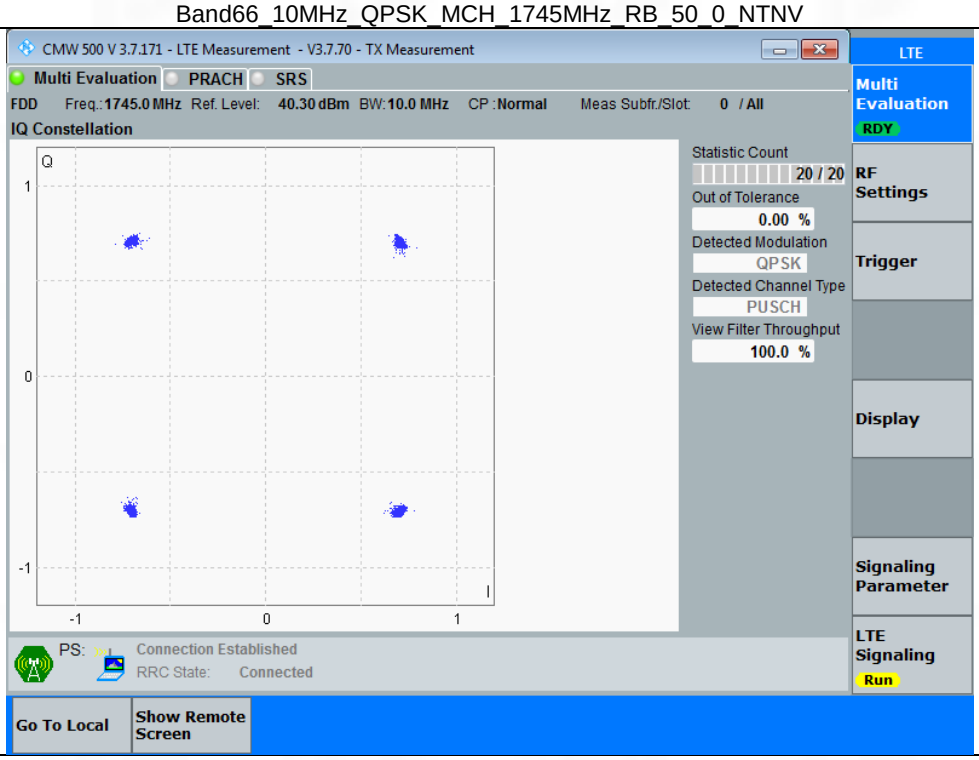
3.4 B66_10MHz

3.4.1 Test Result

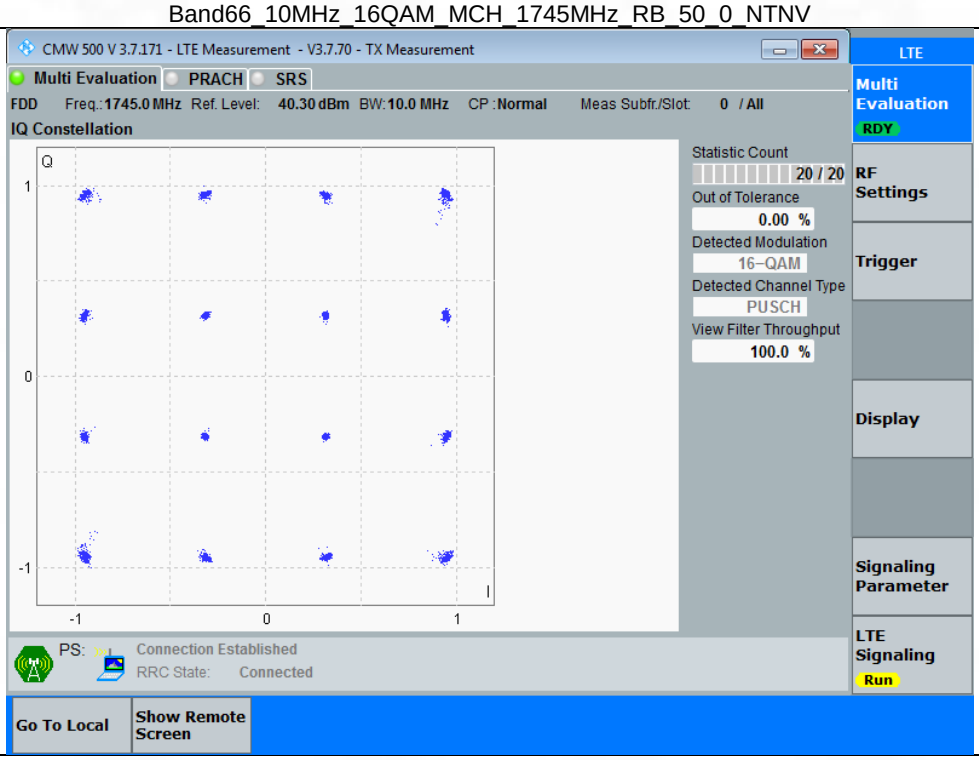
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



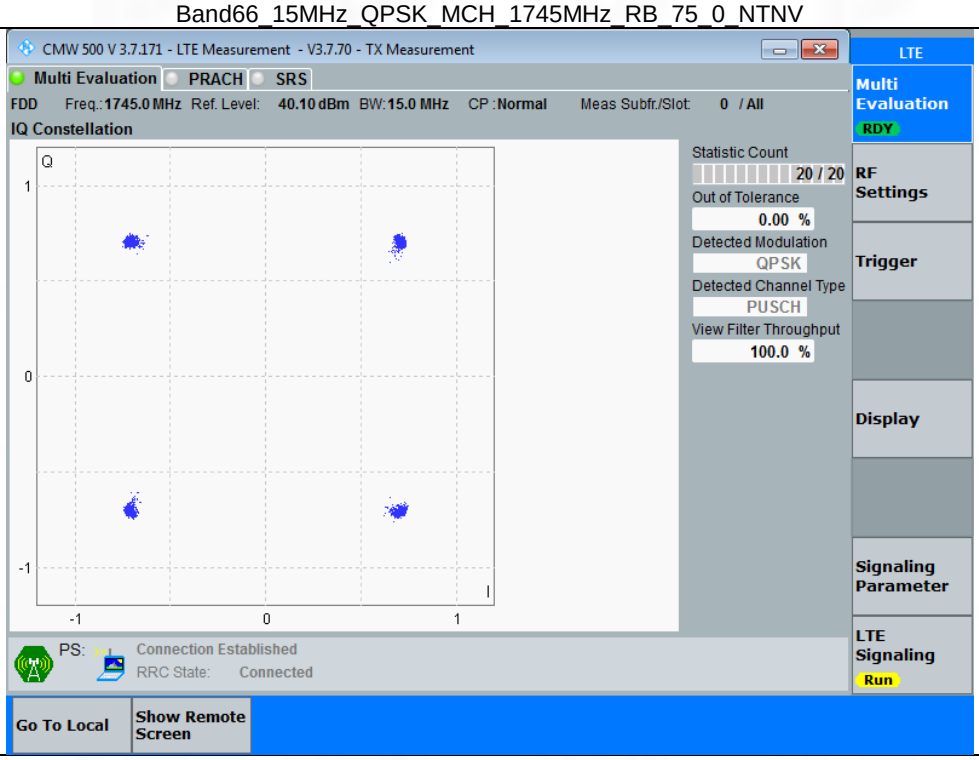
3.5 B66_15MHz

3.5.1 Test Result

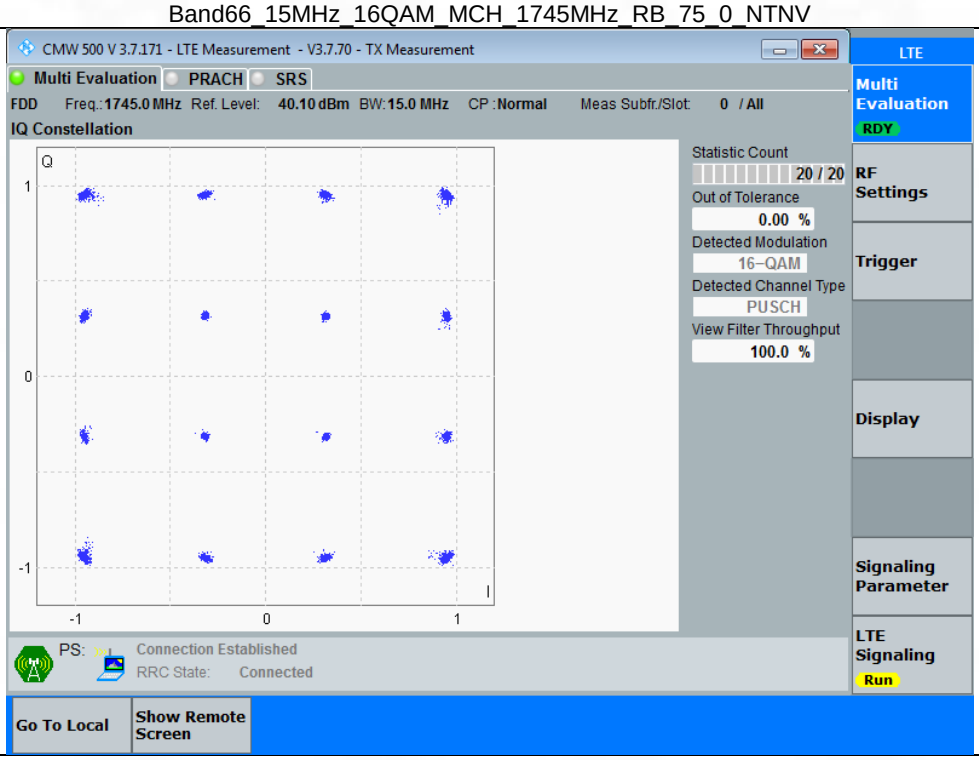
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



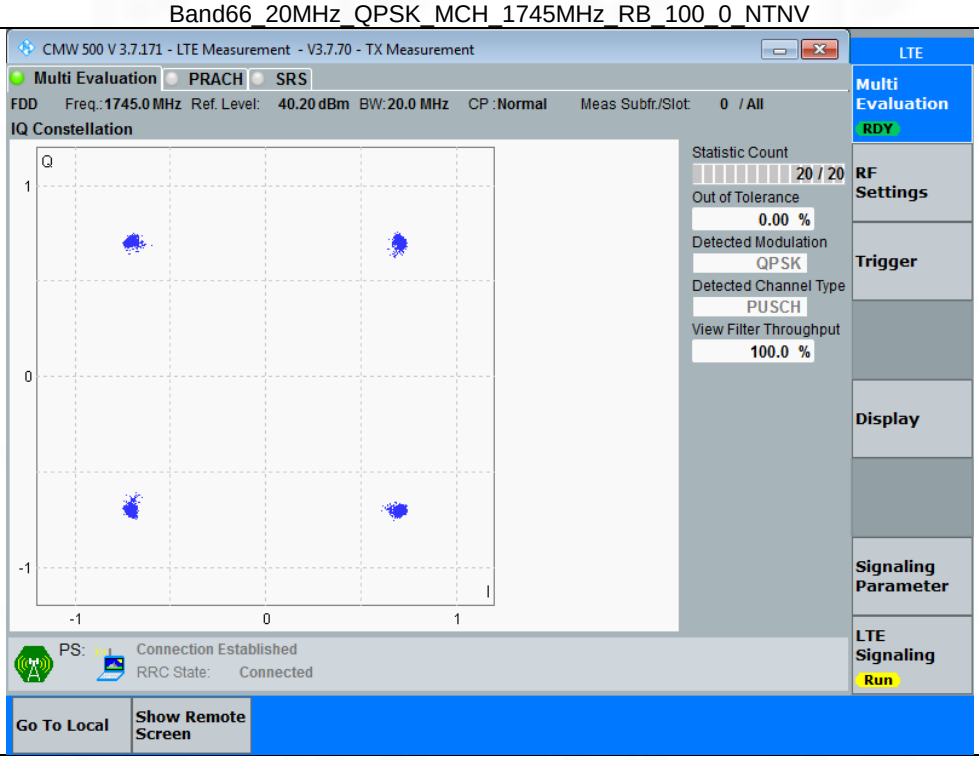
3.6 B66_20MHz

3.6.1 Test Result

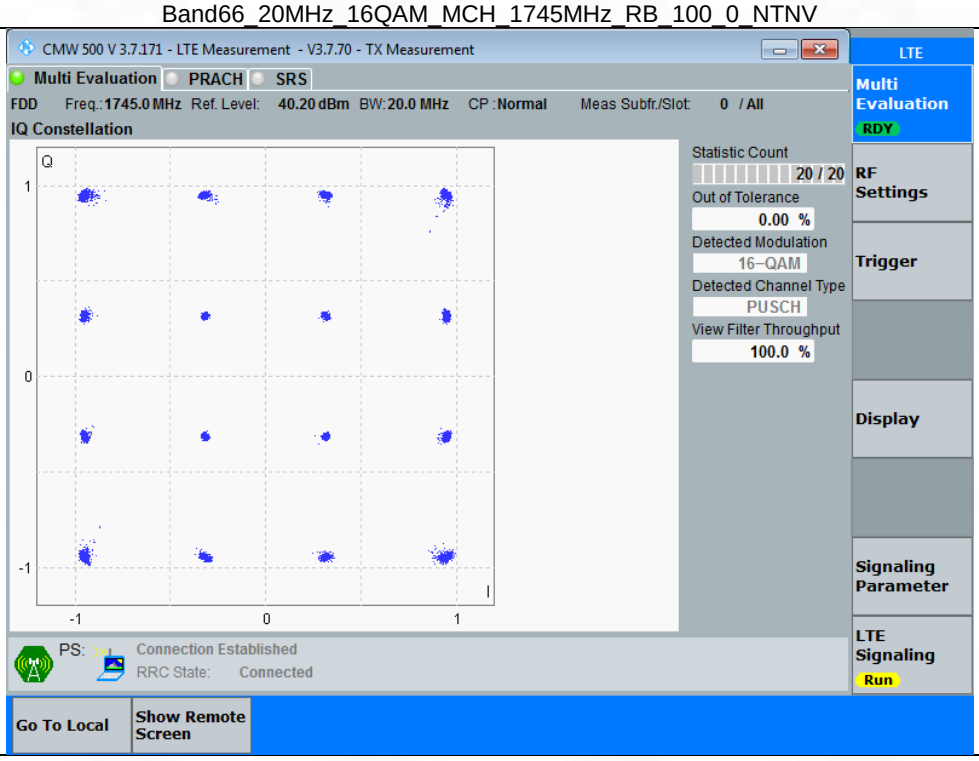
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

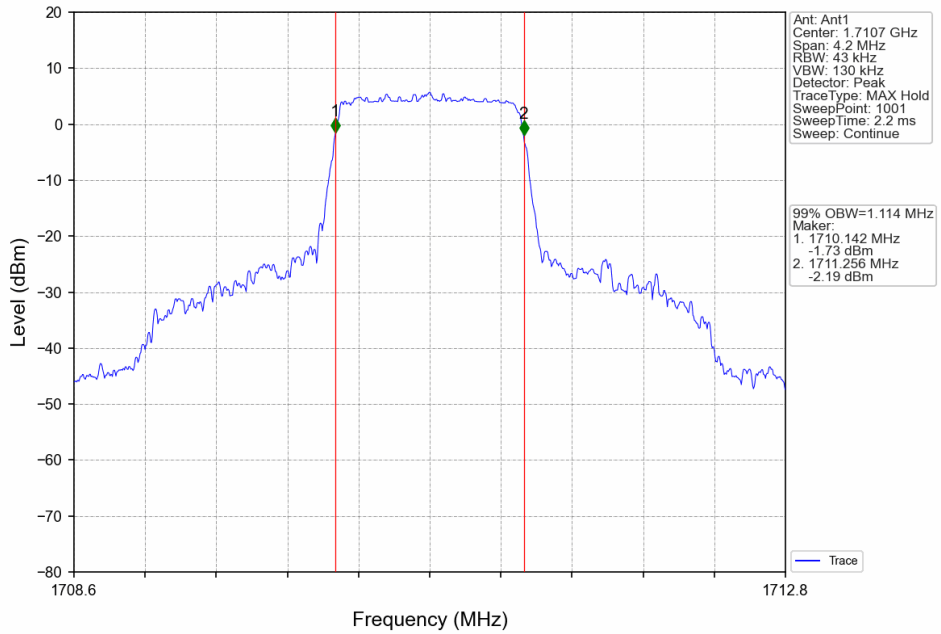
4.1 Band66_OBW

4.1.1 Test Result

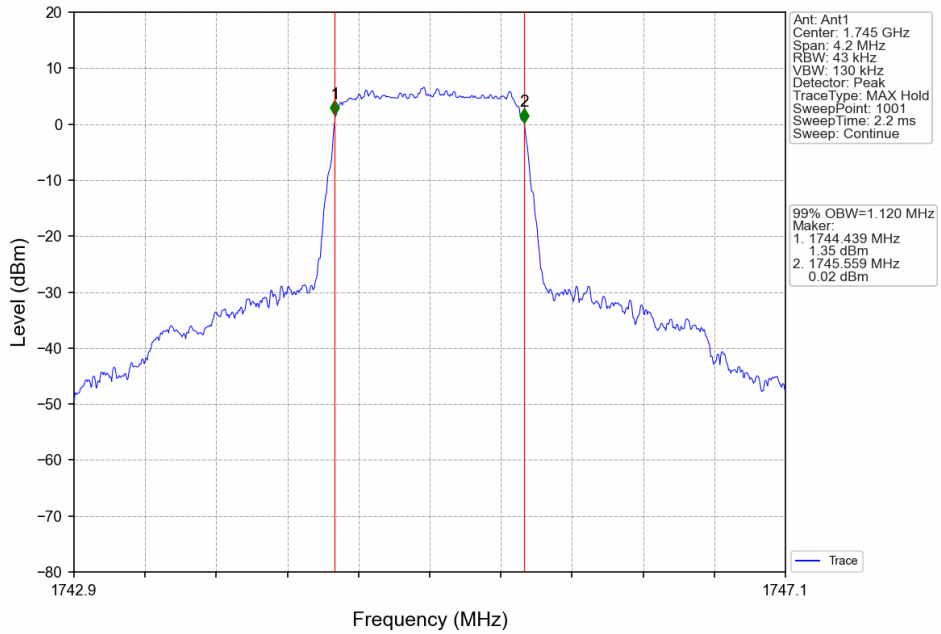
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.114	Pass
		1745	6	0	1.120	Pass
		1779.3	6	0	1.116	Pass
	16QAM	1710.7	6	0	1.111	Pass
		1745	6	0	1.115	Pass
		1779.3	6	0	1.120	Pass
3	QPSK	1711.5	15	0	2.780	Pass
		1745	15	0	2.753	Pass
		1778.5	15	0	2.753	Pass
	16QAM	1711.5	15	0	2.776	Pass
		1745	15	0	2.748	Pass
		1778.5	15	0	2.745	Pass
5	QPSK	1712.5	25	0	4.588	Pass
		1745	25	0	4.559	Pass
		1777.5	25	0	4.553	Pass
	16QAM	1712.5	25	0	4.562	Pass
		1745	25	0	4.560	Pass
		1777.5	25	0	4.565	Pass
10	QPSK	1715	50	0	9.074	Pass
		1745	50	0	9.044	Pass
		1775	50	0	9.081	Pass
	16QAM	1715	50	0	9.085	Pass
		1745	50	0	9.045	Pass
		1775	50	0	9.088	Pass
15	QPSK	1717.5	75	0	13.627	Pass
		1745	75	0	13.556	Pass
		1772.5	75	0	13.673	Pass
	16QAM	1717.5	75	0	13.674	Pass
		1745	75	0	13.583	Pass
		1772.5	75	0	13.666	Pass
20	QPSK	1720	100	0	18.154	Pass
		1745	100	0	18.205	Pass
		1770	100	0	18.251	Pass
	16QAM	1720	100	0	18.276	Pass
		1745	100	0	18.149	Pass
		1770	100	0	18.206	Pass

4.1.2 Test Graph

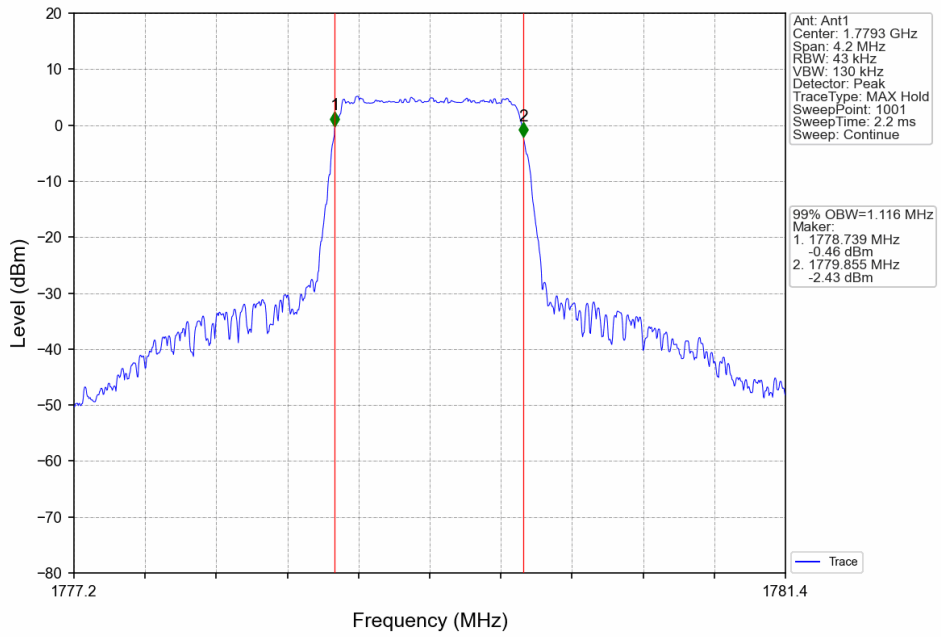
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



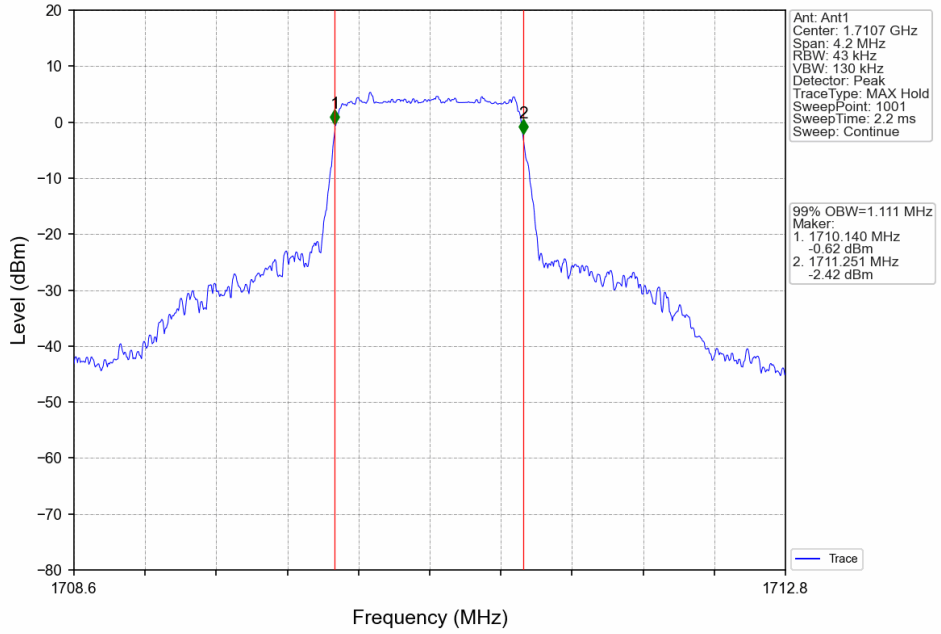
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



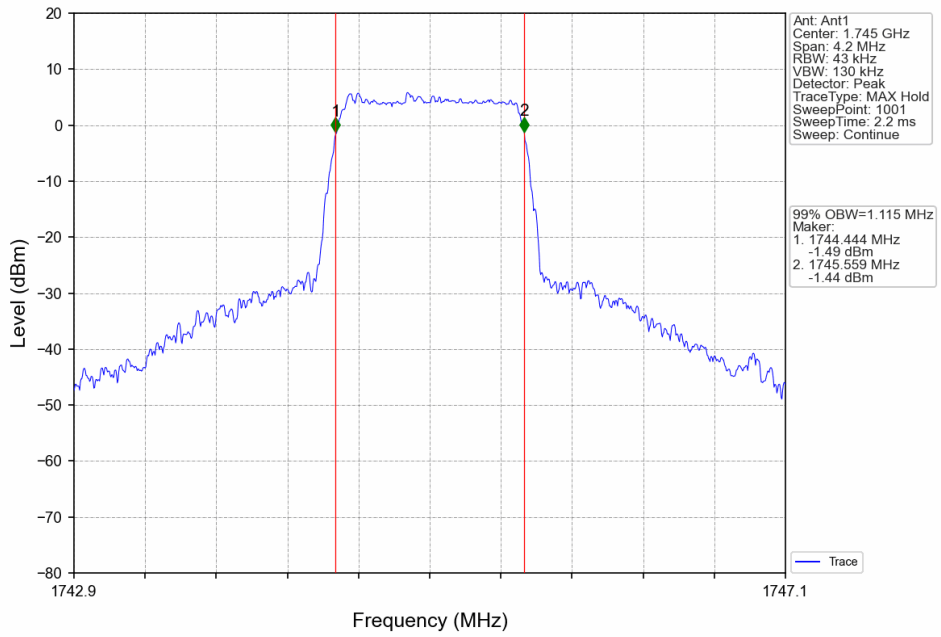
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



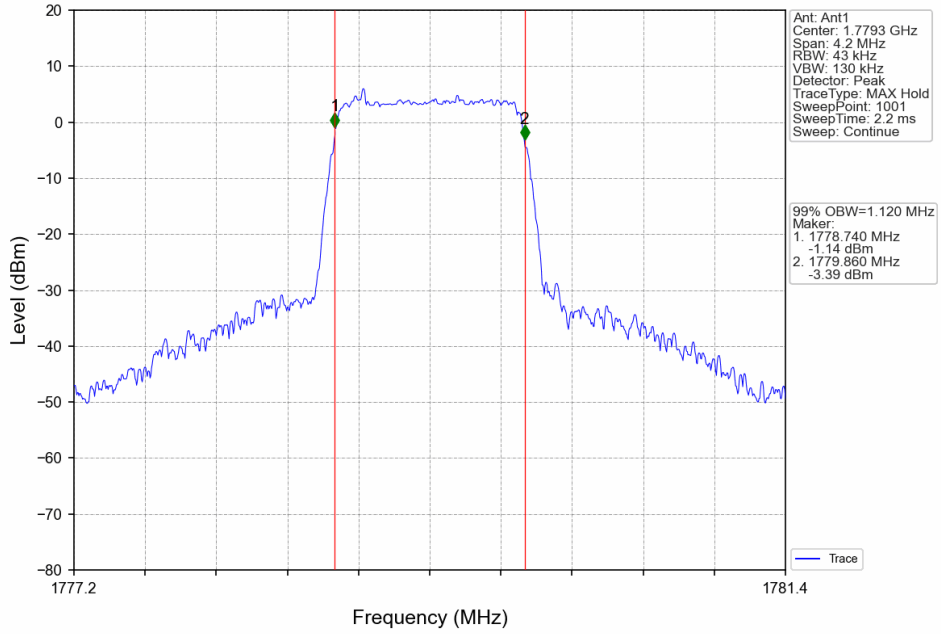
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



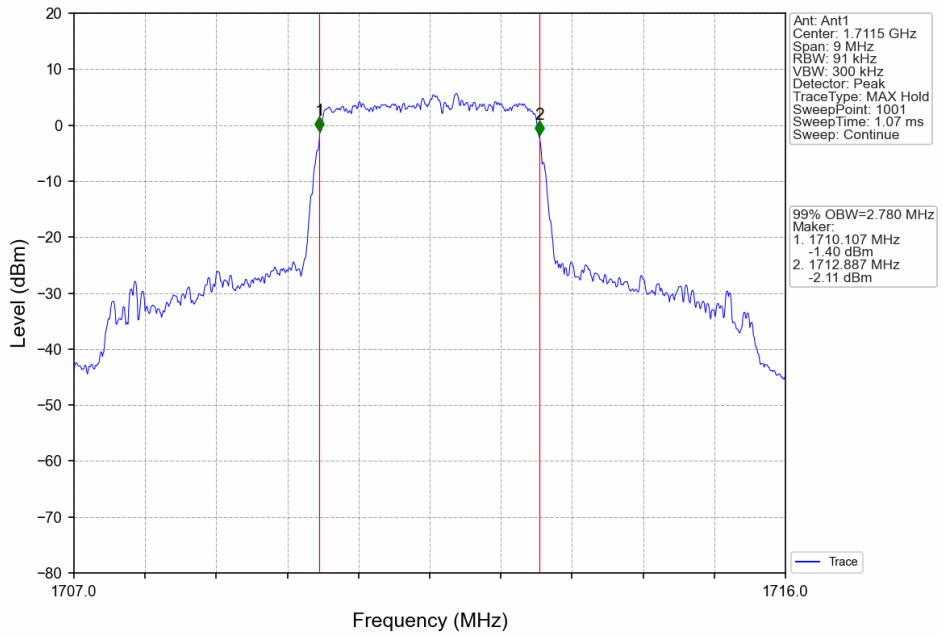
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



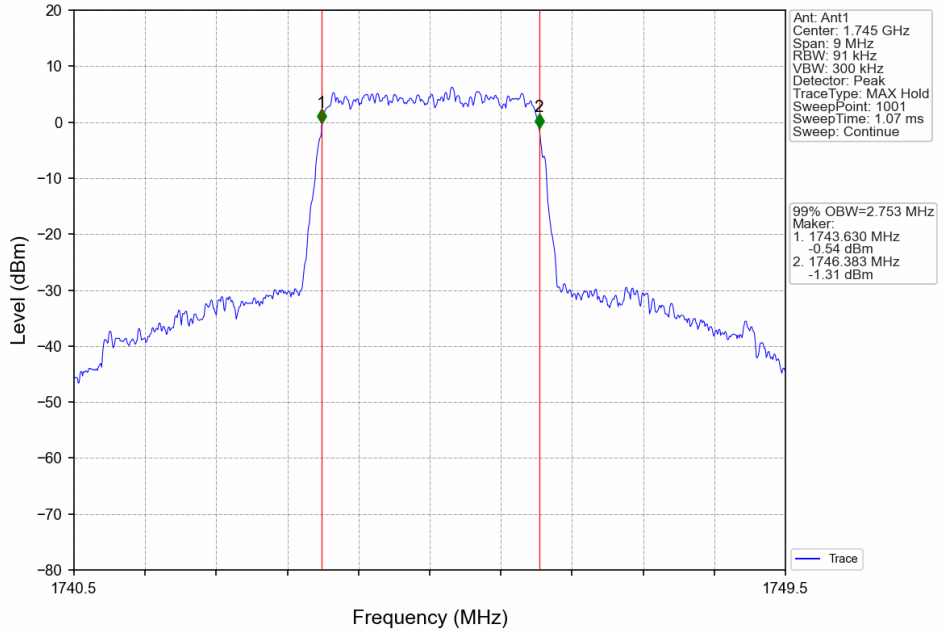
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



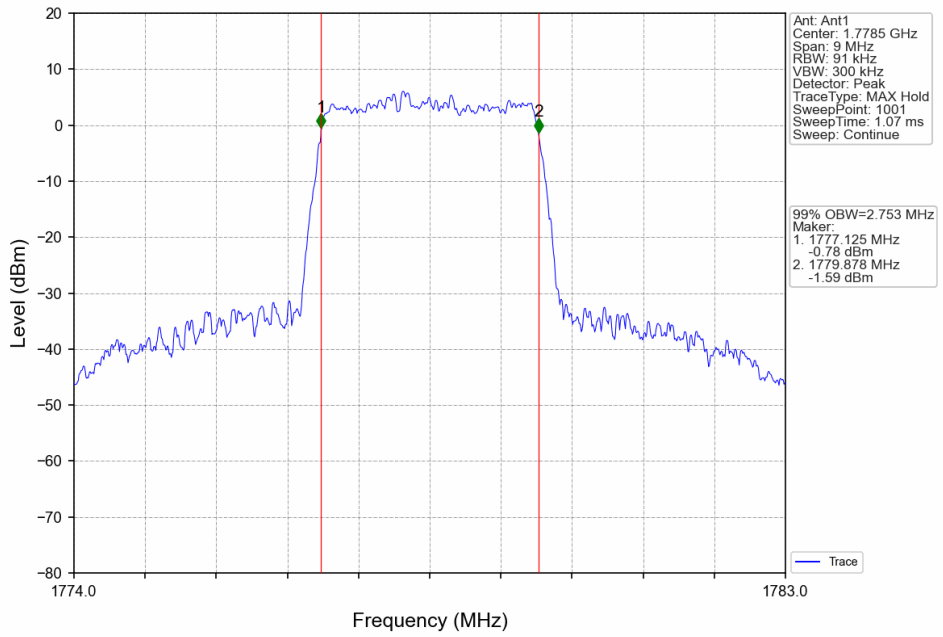
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



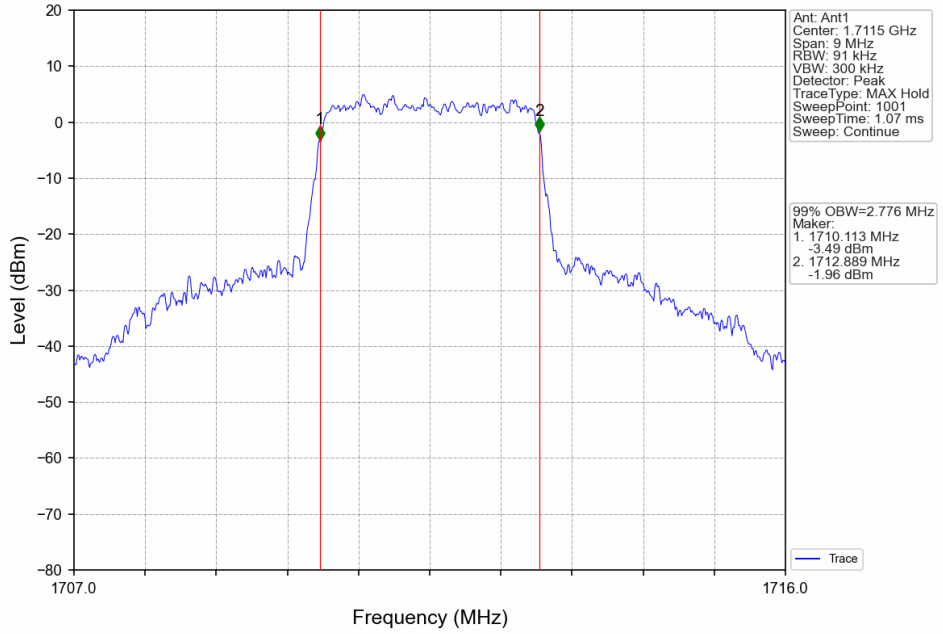
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



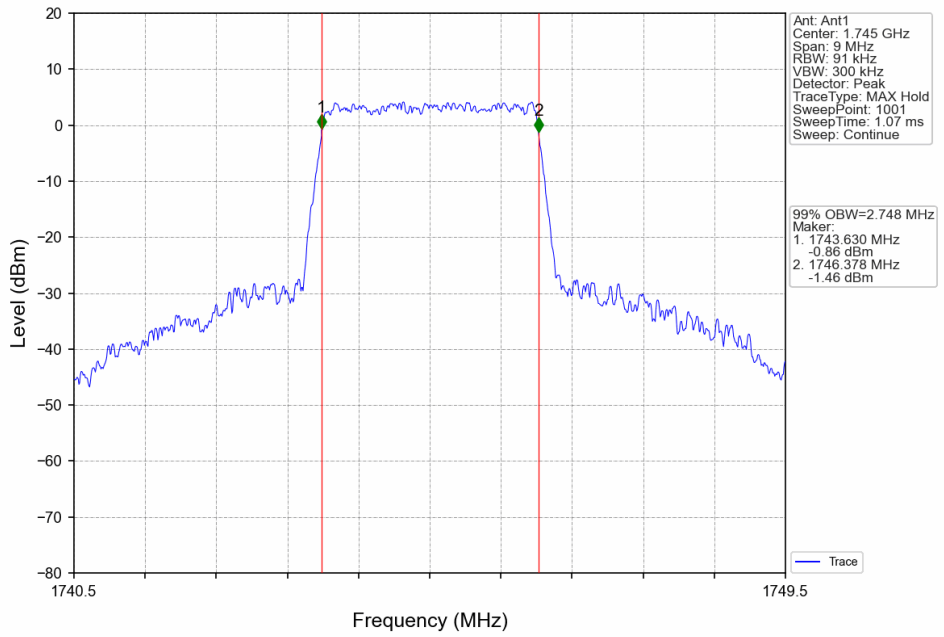
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



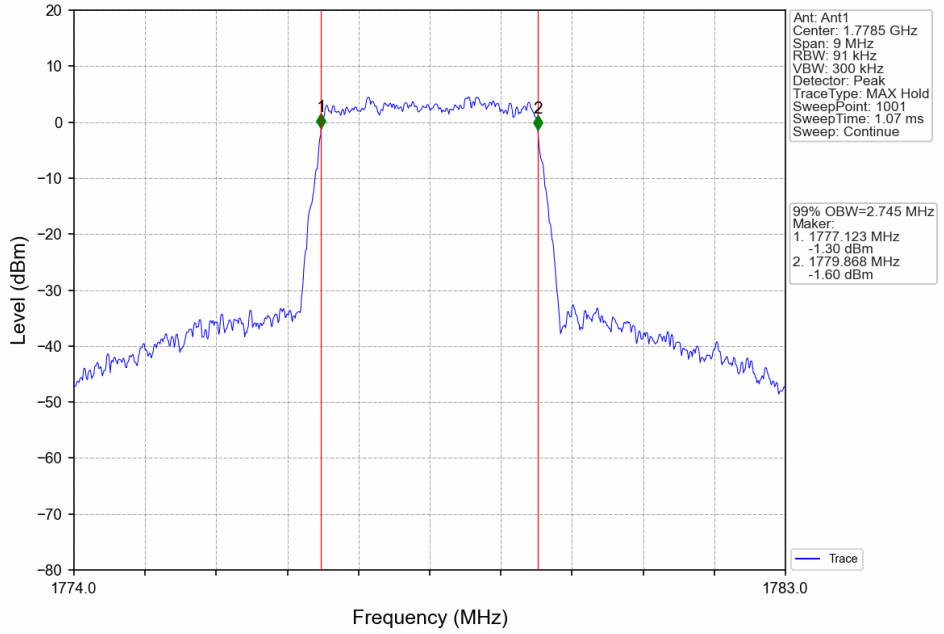
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



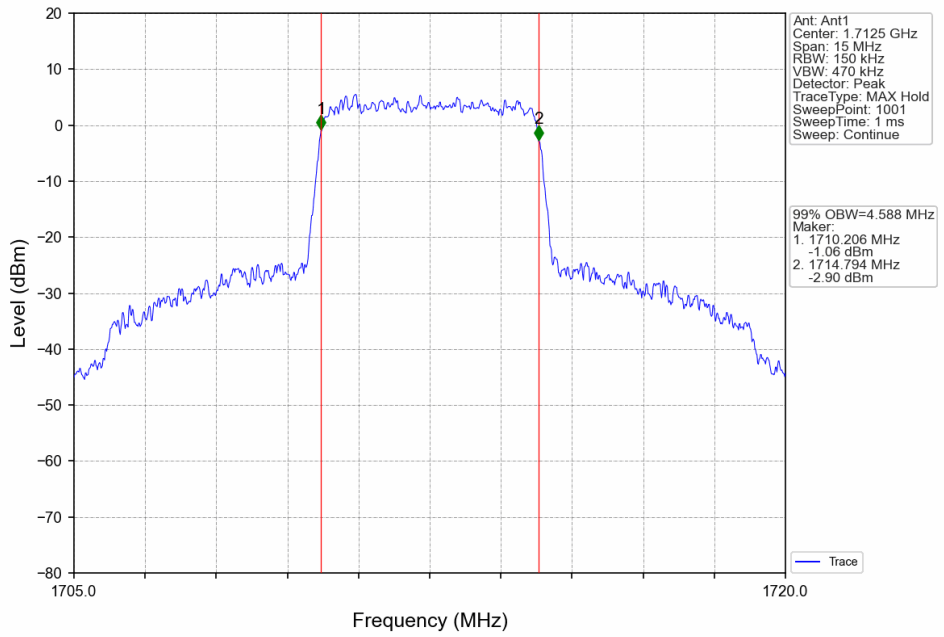
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



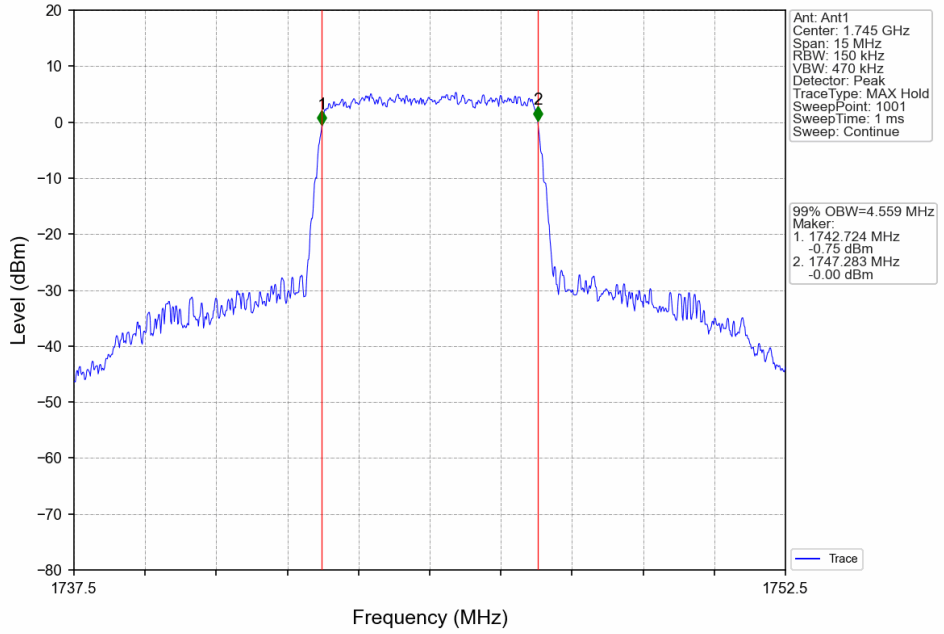
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



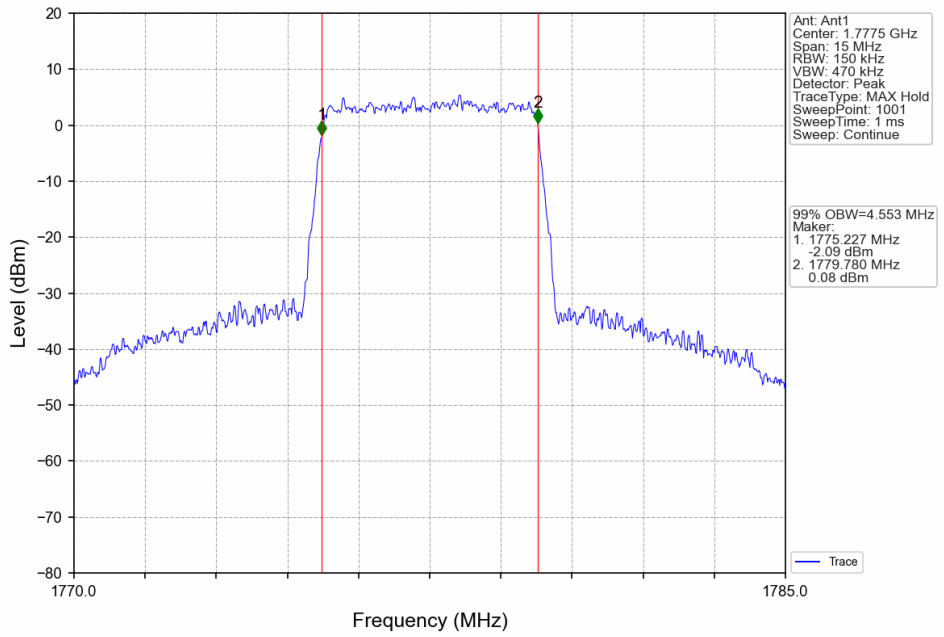
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



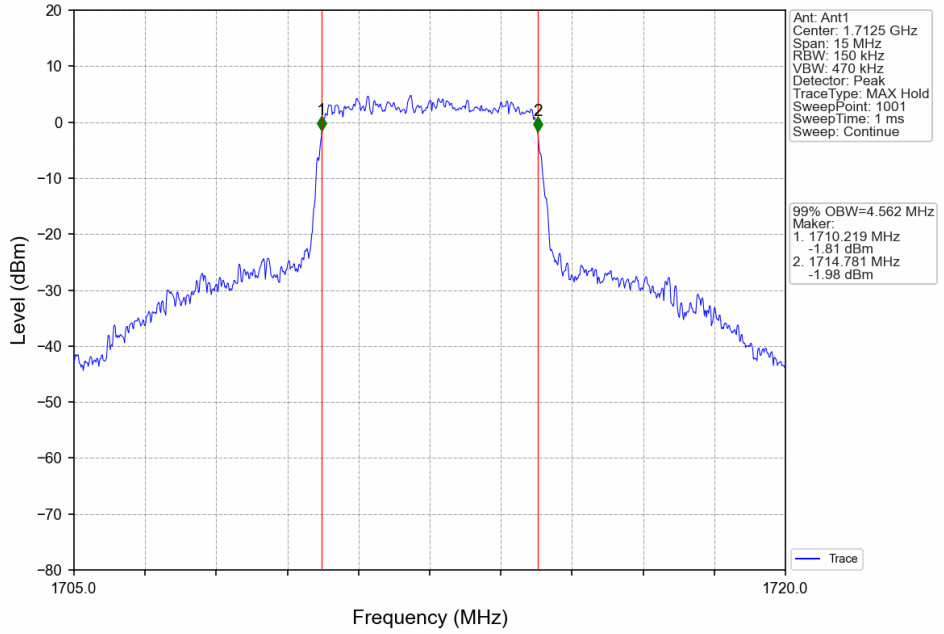
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



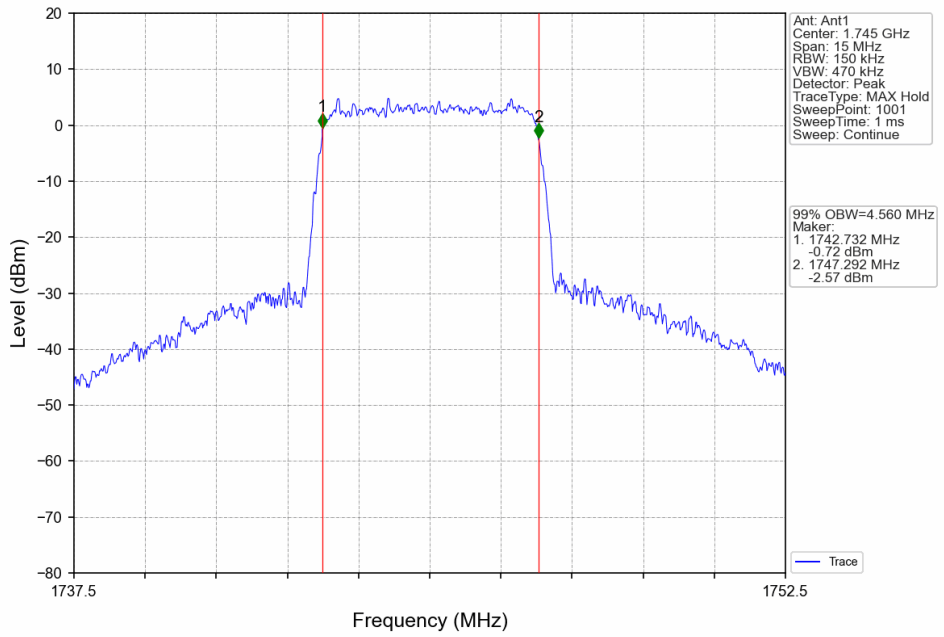
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



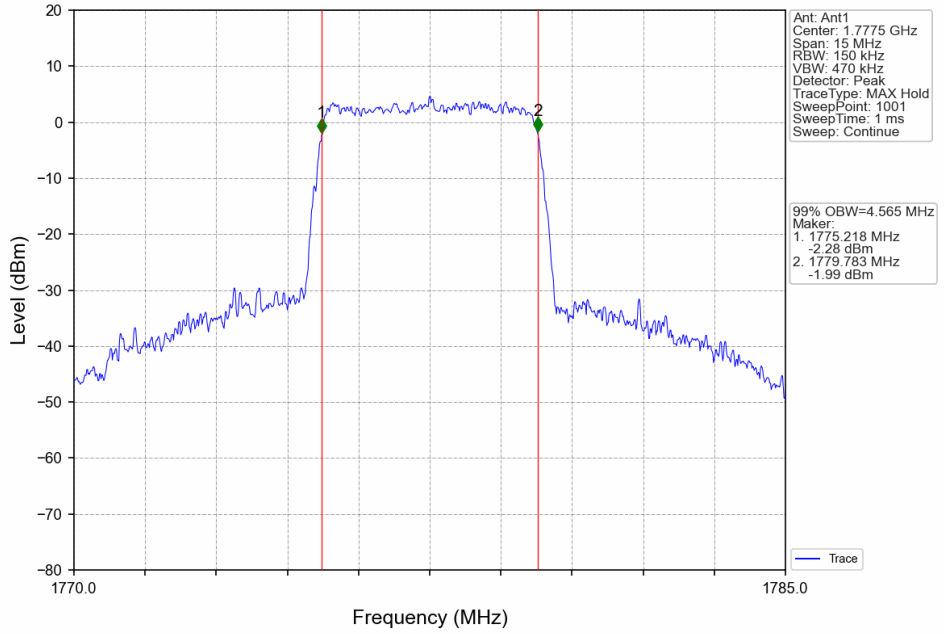
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



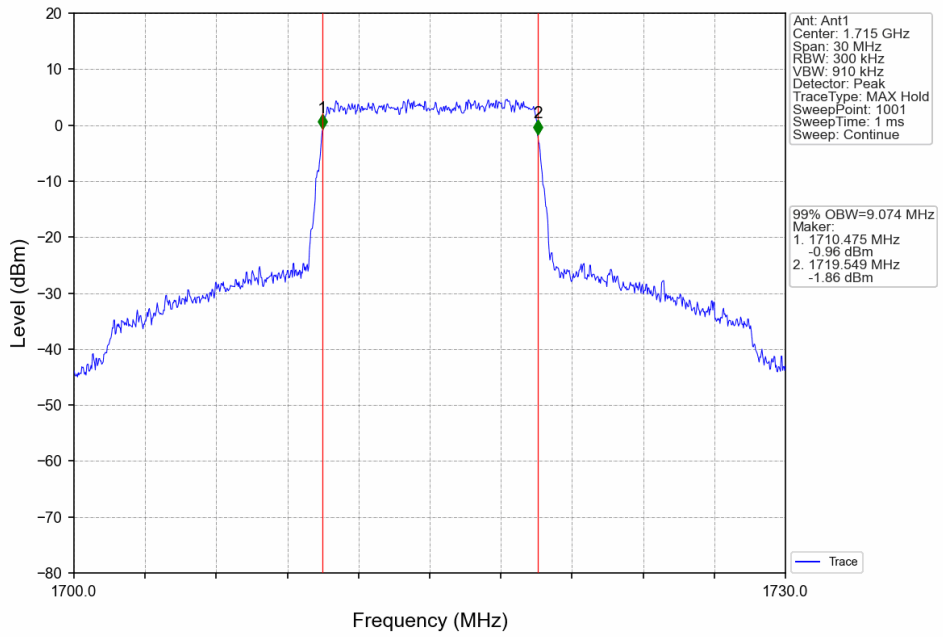
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



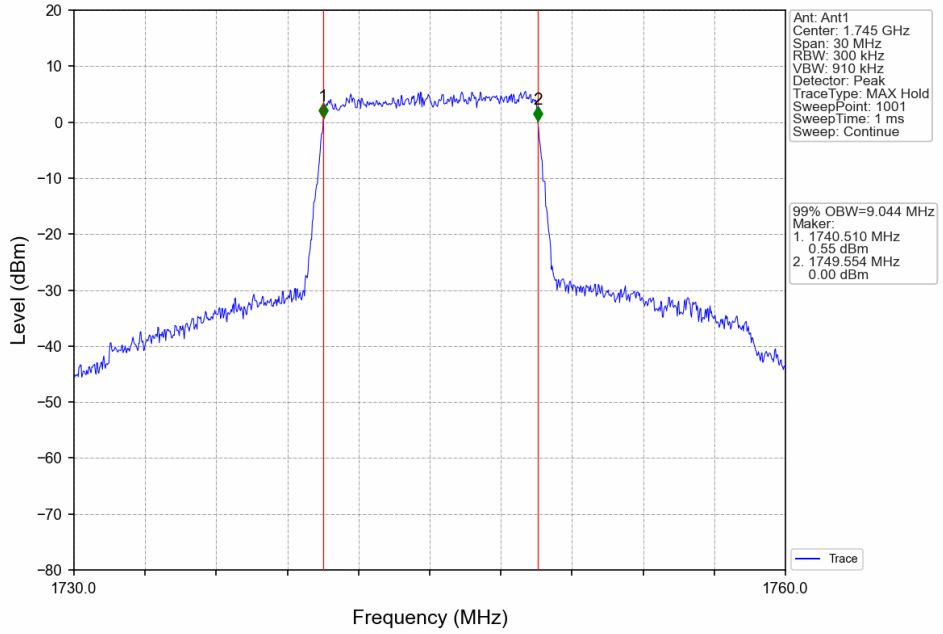
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



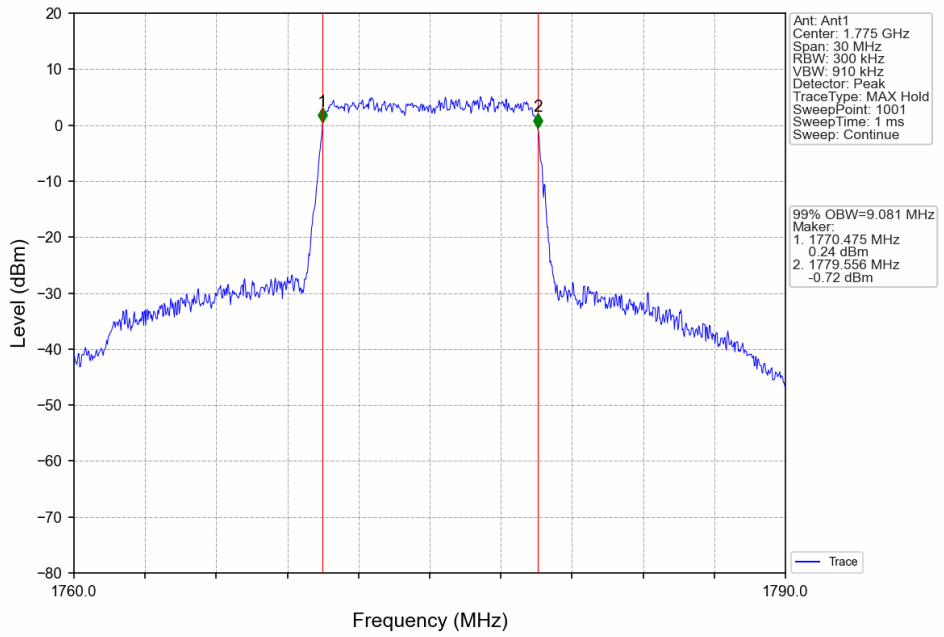
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



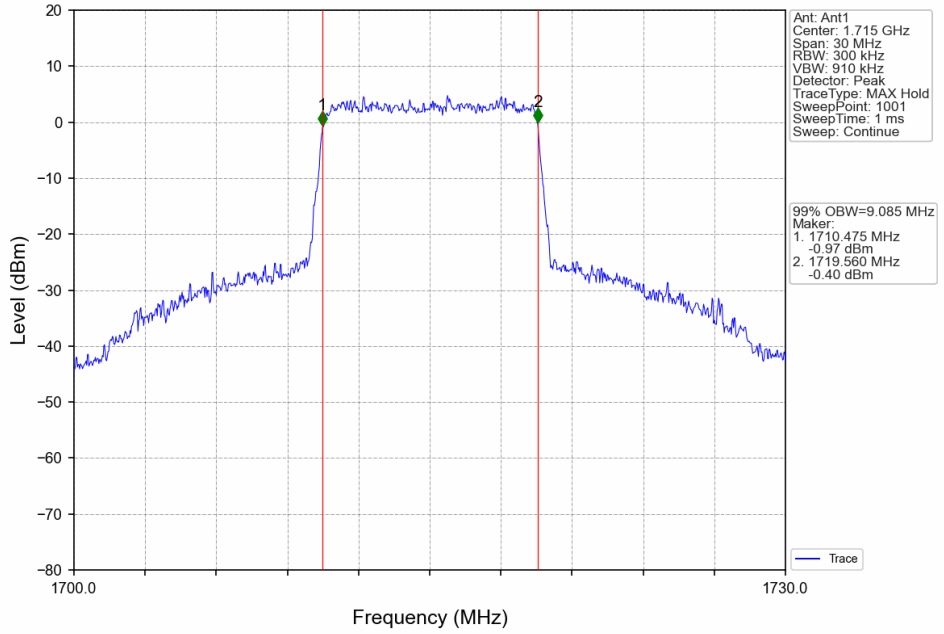
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



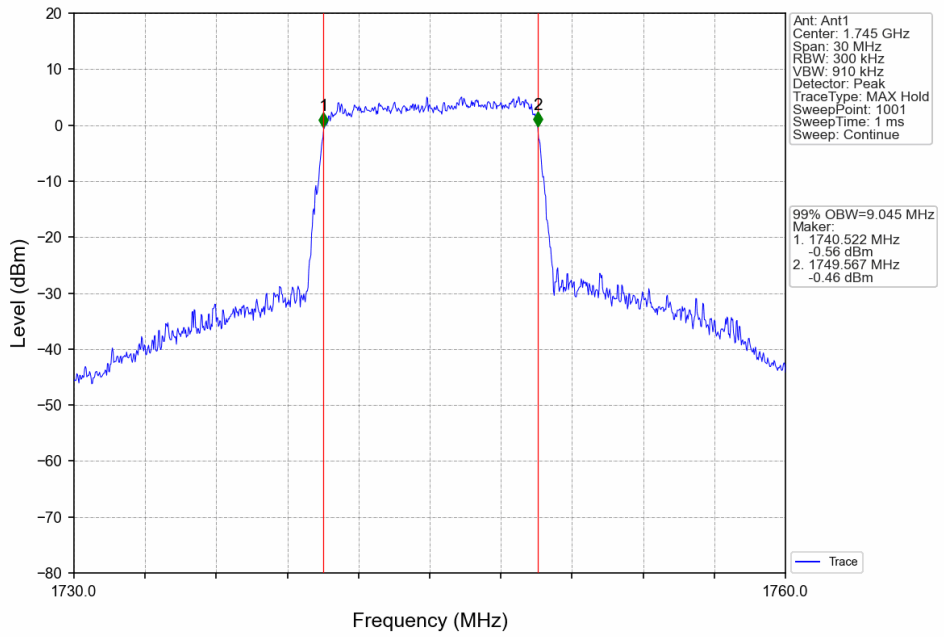
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



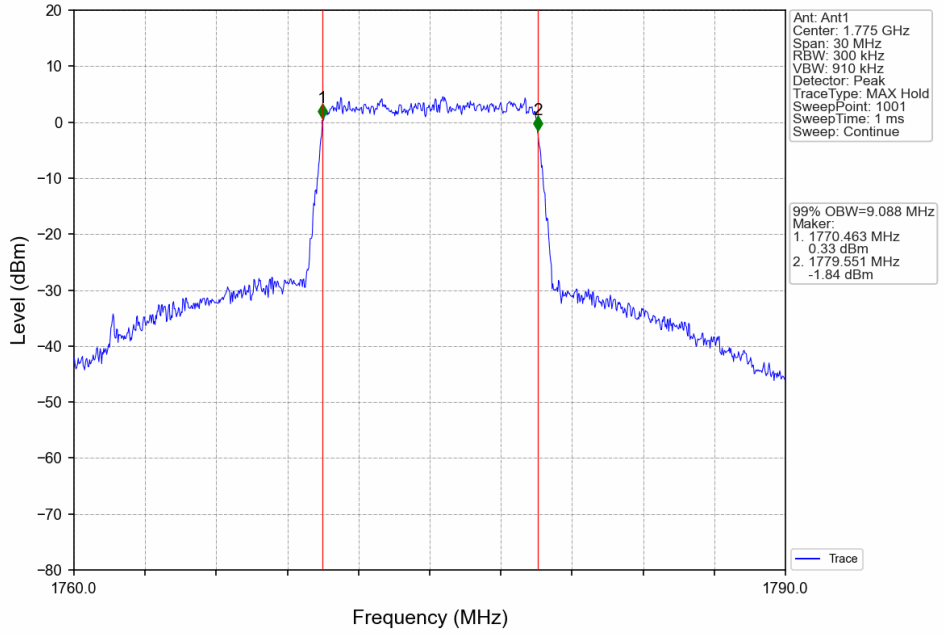
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



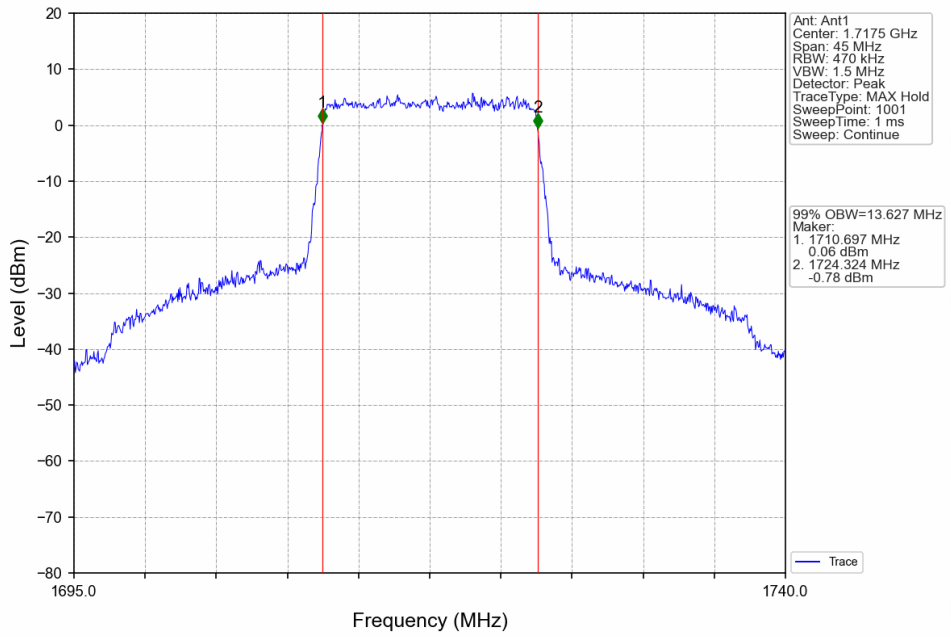
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



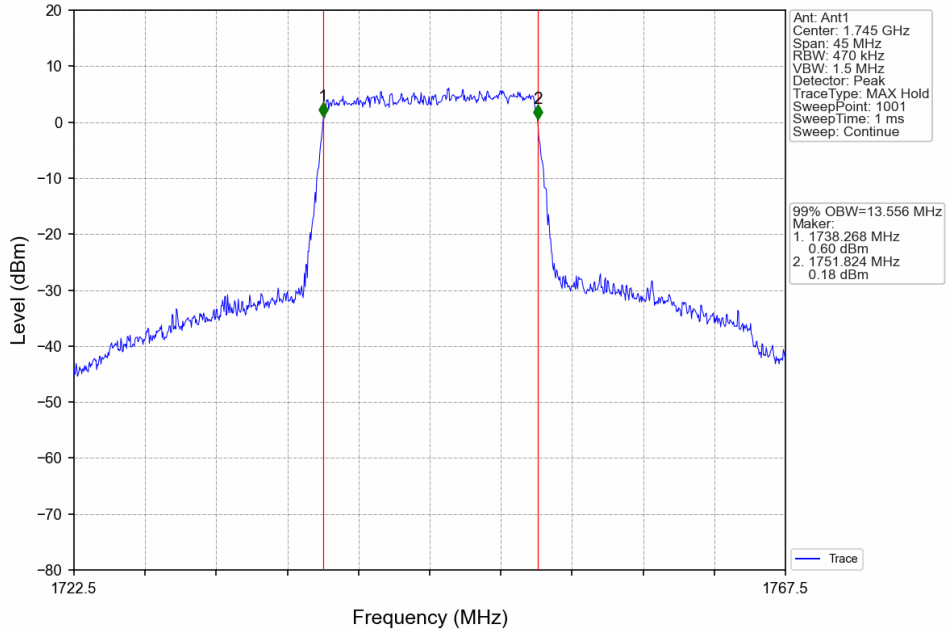
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



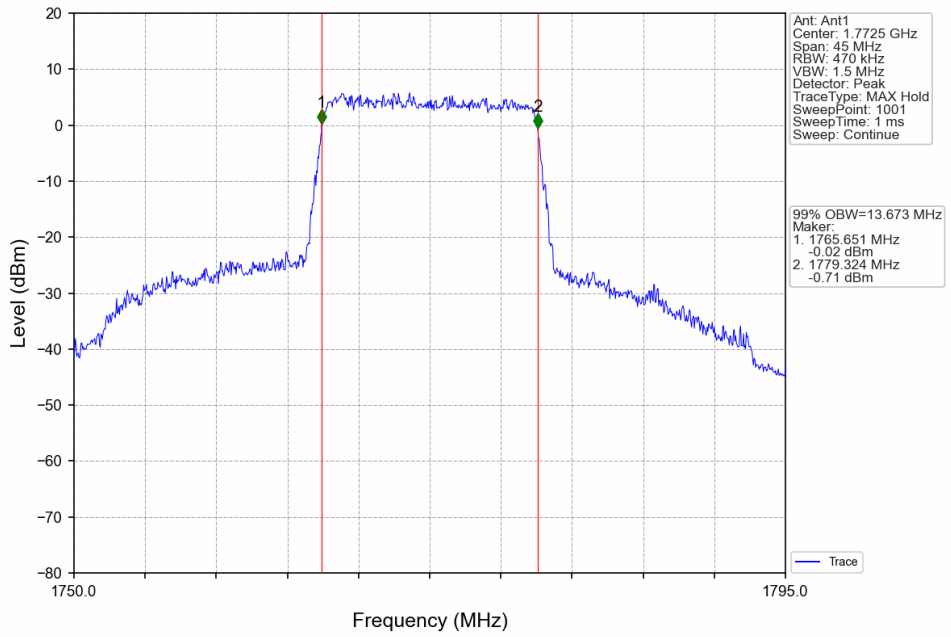
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



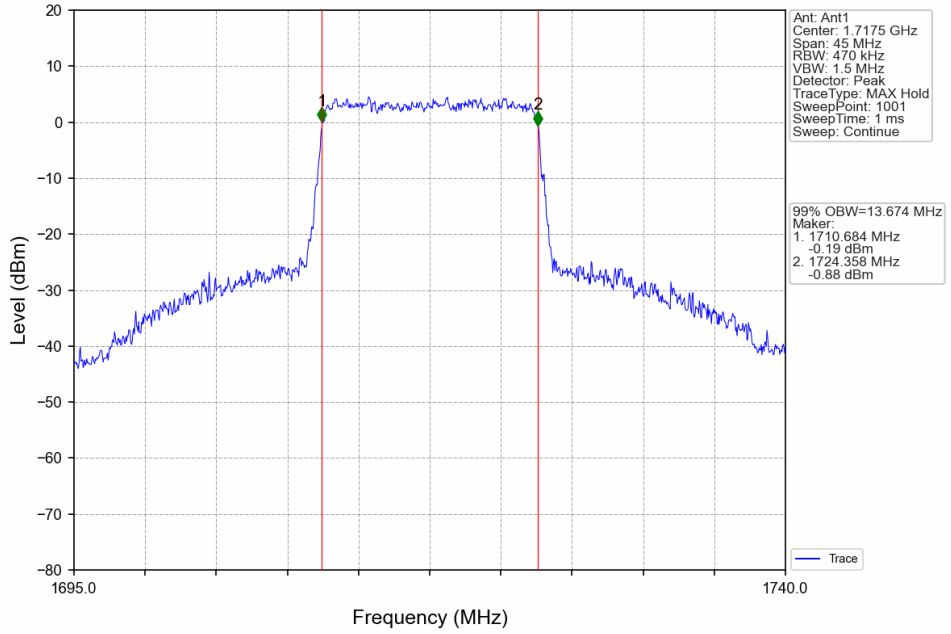
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



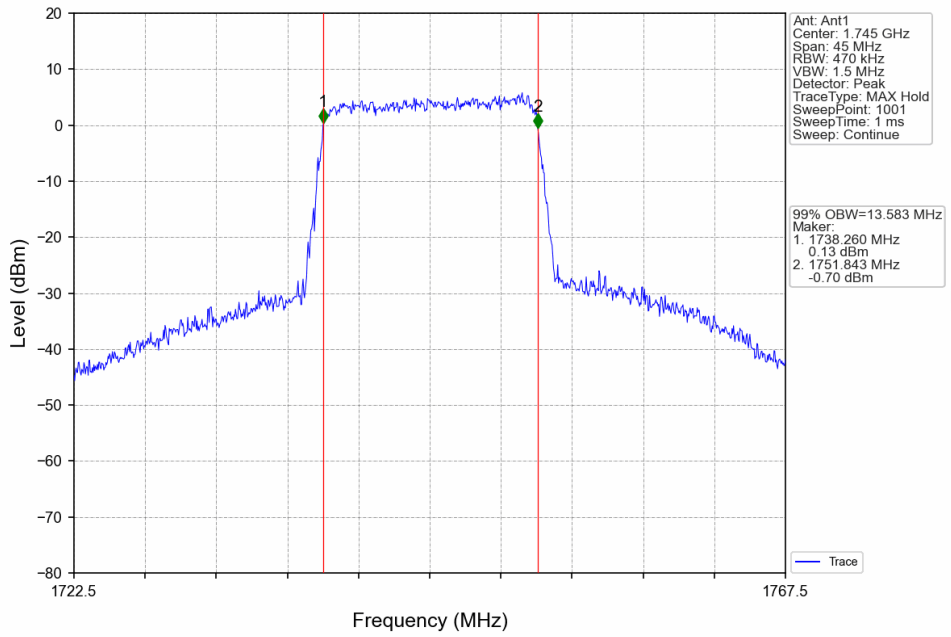
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



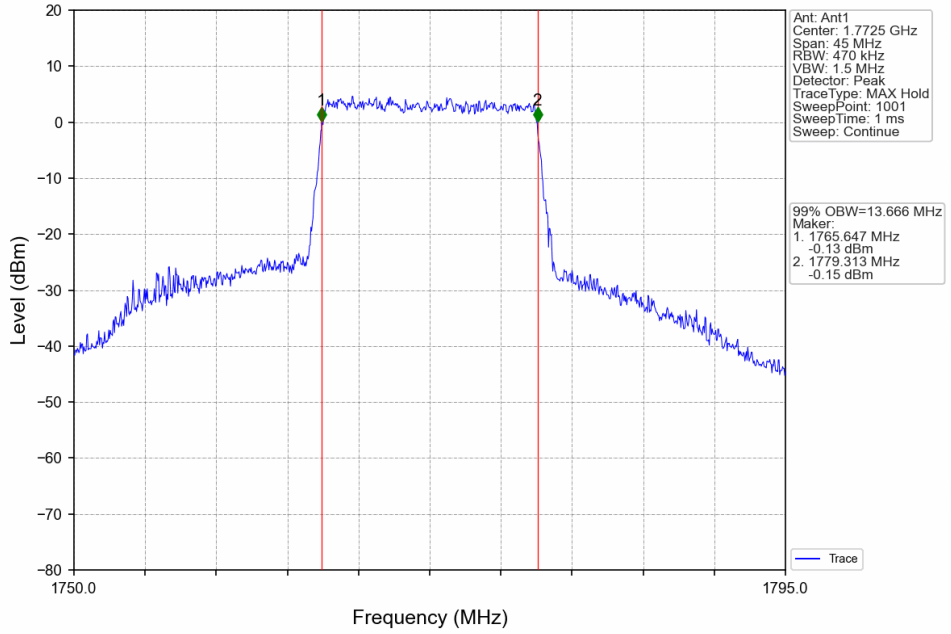
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



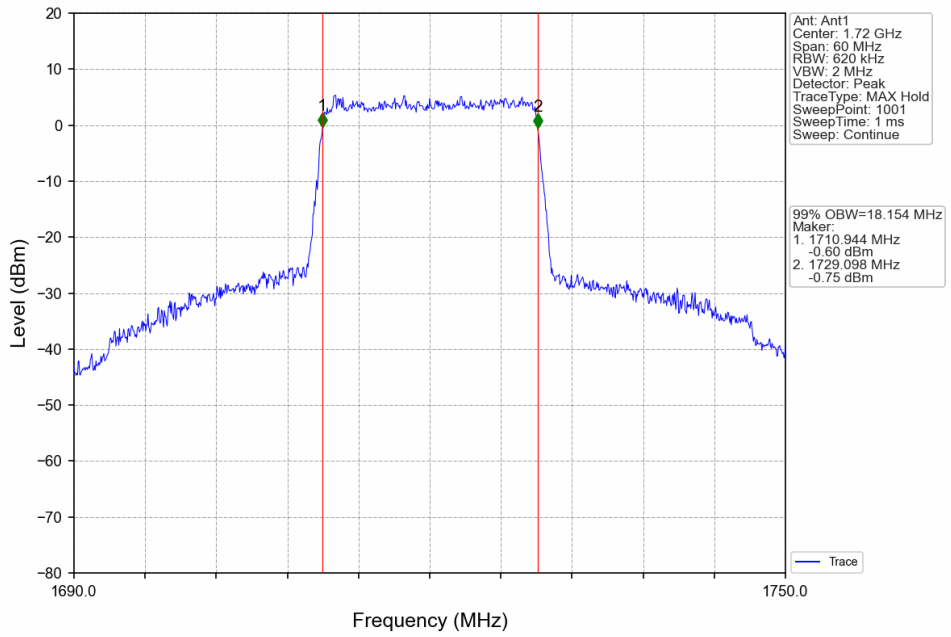
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



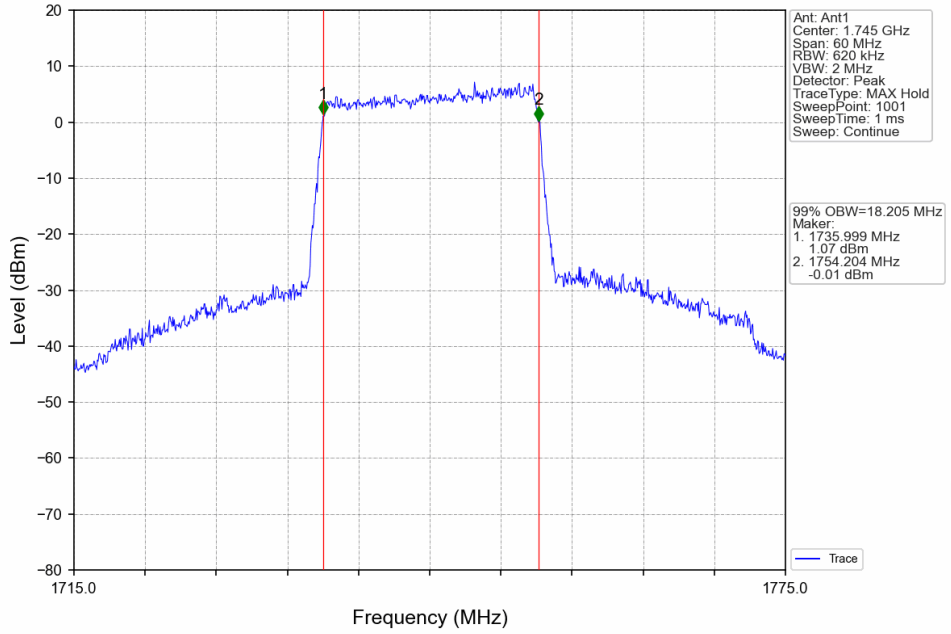
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



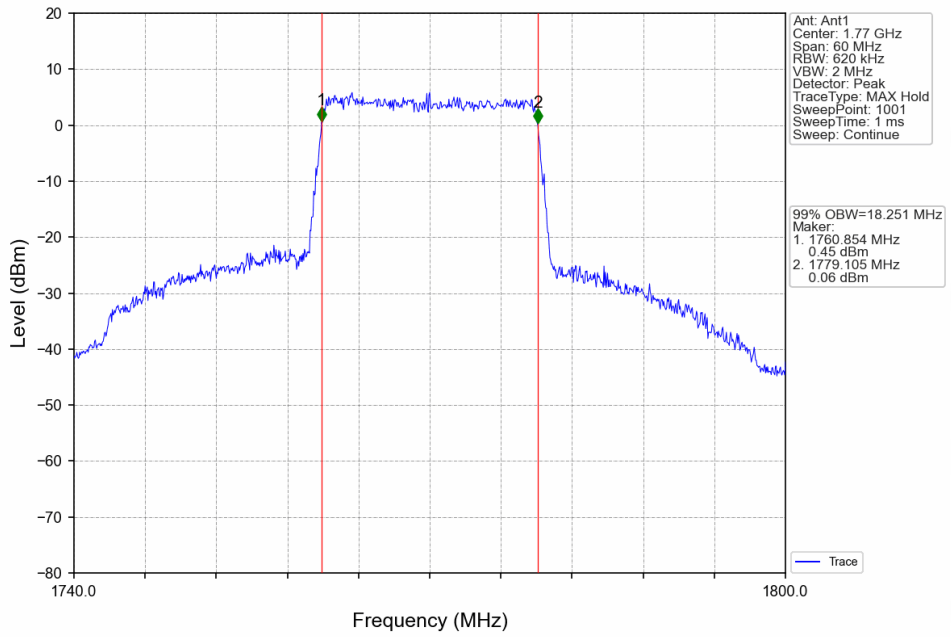
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



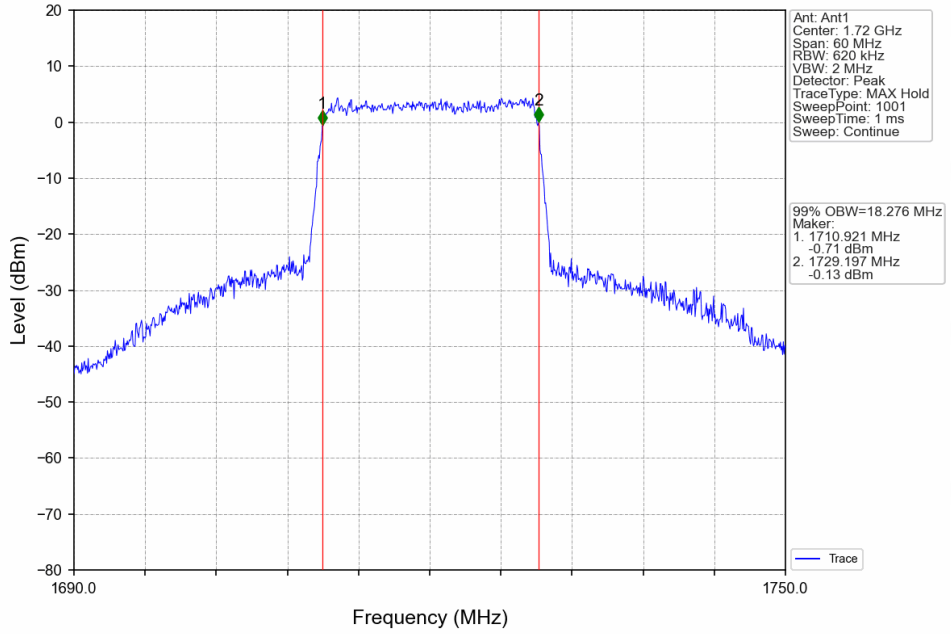
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



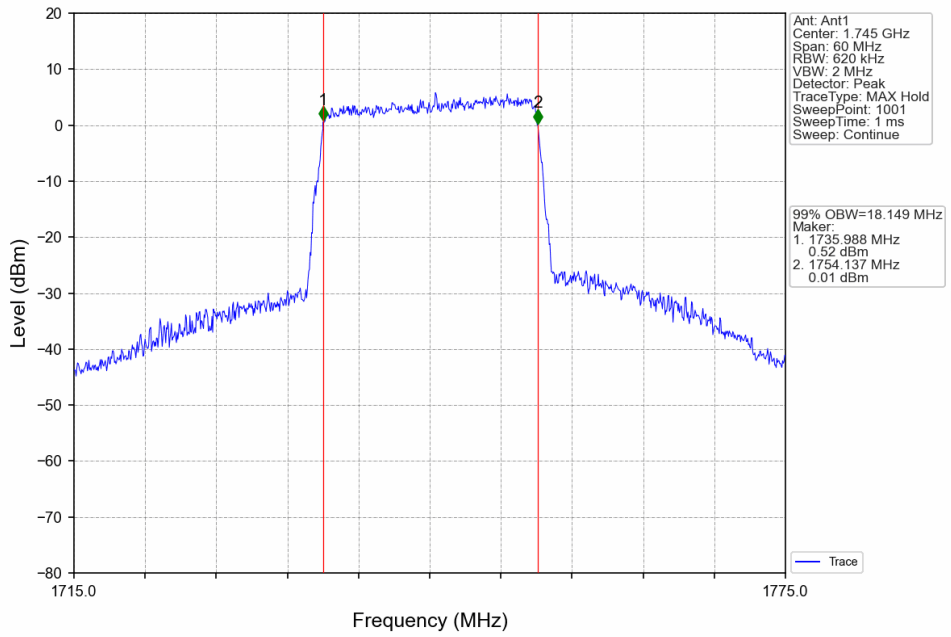
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



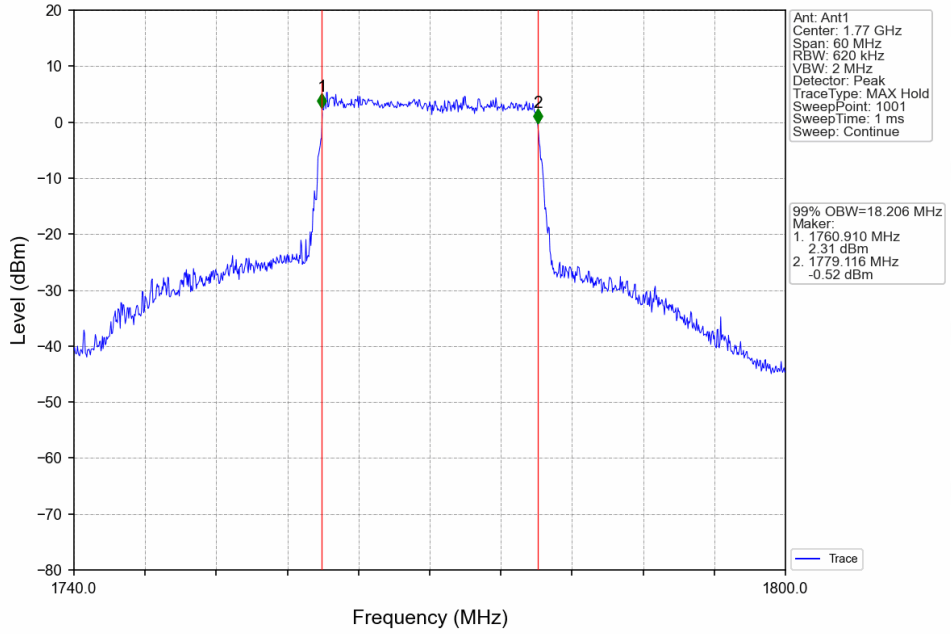
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



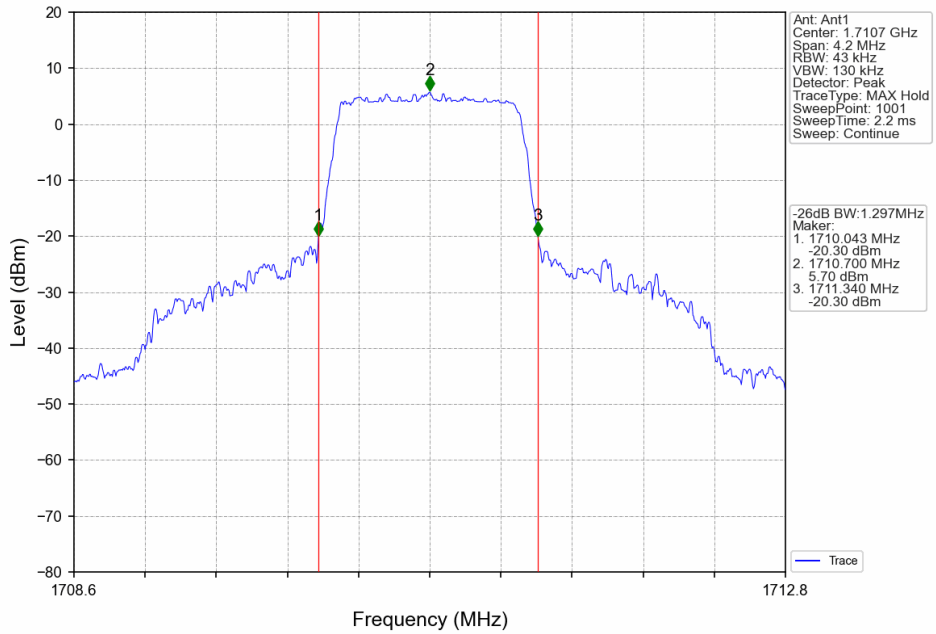
4.2 Band66_XDB

4.2.1 Test Result

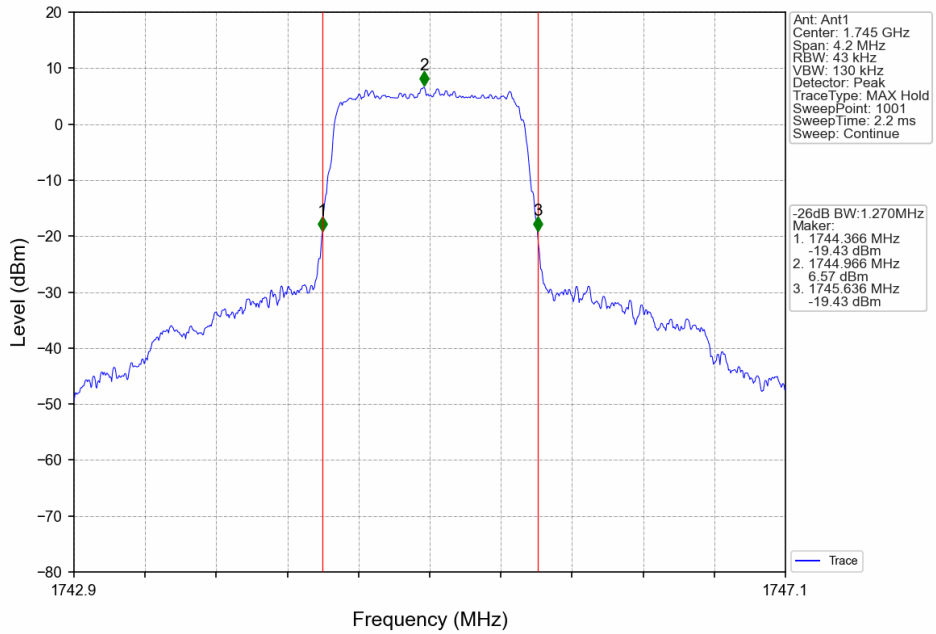
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.297	Pass
		1745	6	0	1.270	Pass
		1779.3	6	0	1.285	Pass
	16QAM	1710.7	6	0	1.270	Pass
		1745	6	0	1.274	Pass
		1779.3	6	0	1.276	Pass
3	QPSK	1711.5	15	0	3.101	Pass
		1745	15	0	3.082	Pass
		1778.5	15	0	3.096	Pass
	16QAM	1711.5	15	0	3.117	Pass
		1745	15	0	3.107	Pass
		1778.5	15	0	3.113	Pass
5	QPSK	1712.5	25	0	5.071	Pass
		1745	25	0	5.061	Pass
		1777.5	25	0	5.098	Pass
	16QAM	1712.5	25	0	5.025	Pass
		1745	25	0	5.077	Pass
		1777.5	25	0	5.074	Pass
10	QPSK	1715	50	0	10.075	Pass
		1745	50	0	10.034	Pass
		1775	50	0	10.030	Pass
	16QAM	1715	50	0	10.000	Pass
		1745	50	0	10.053	Pass
		1775	50	0	10.083	Pass
15	QPSK	1717.5	75	0	15.124	Pass
		1745	75	0	15.160	Pass
		1772.5	75	0	15.152	Pass
	16QAM	1717.5	75	0	15.224	Pass
		1745	75	0	15.194	Pass
		1772.5	75	0	15.268	Pass
20	QPSK	1720	100	0	20.035	Pass
		1745	100	0	19.948	Pass
		1770	100	0	20.152	Pass
	16QAM	1720	100	0	20.131	Pass
		1745	100	0	20.047	Pass
		1770	100	0	20.221	Pass

4.2.2 Test Graph

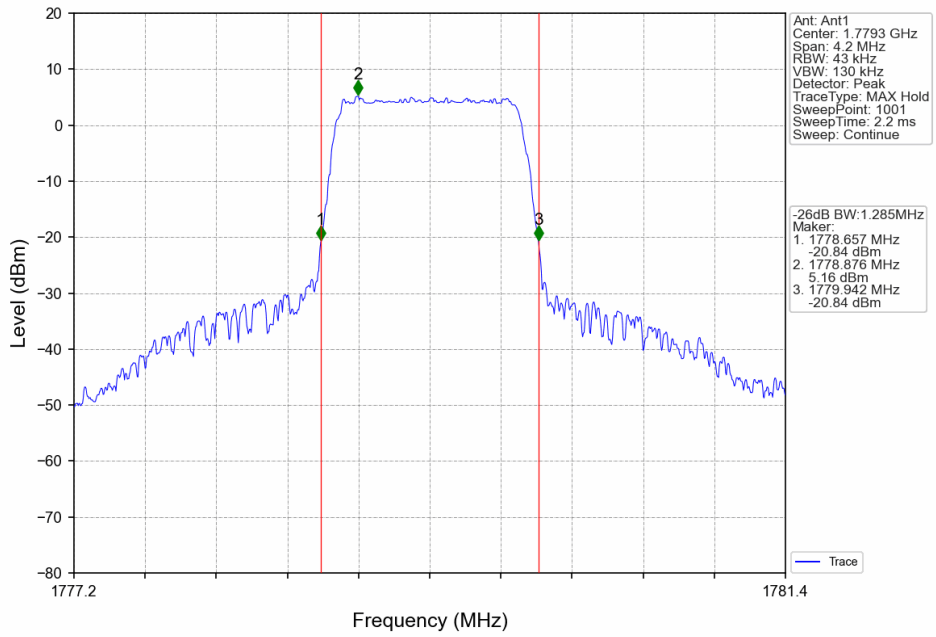
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



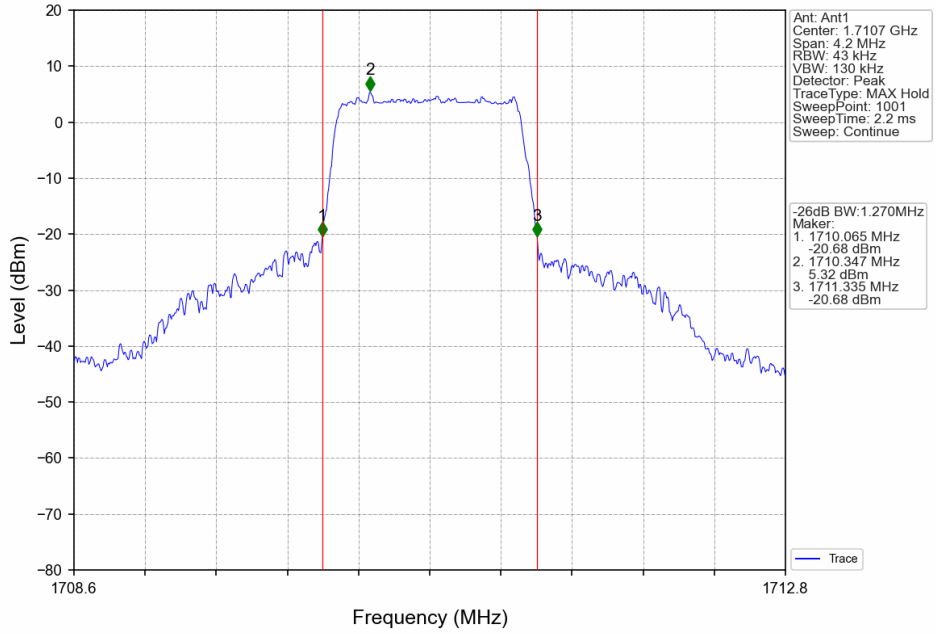
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



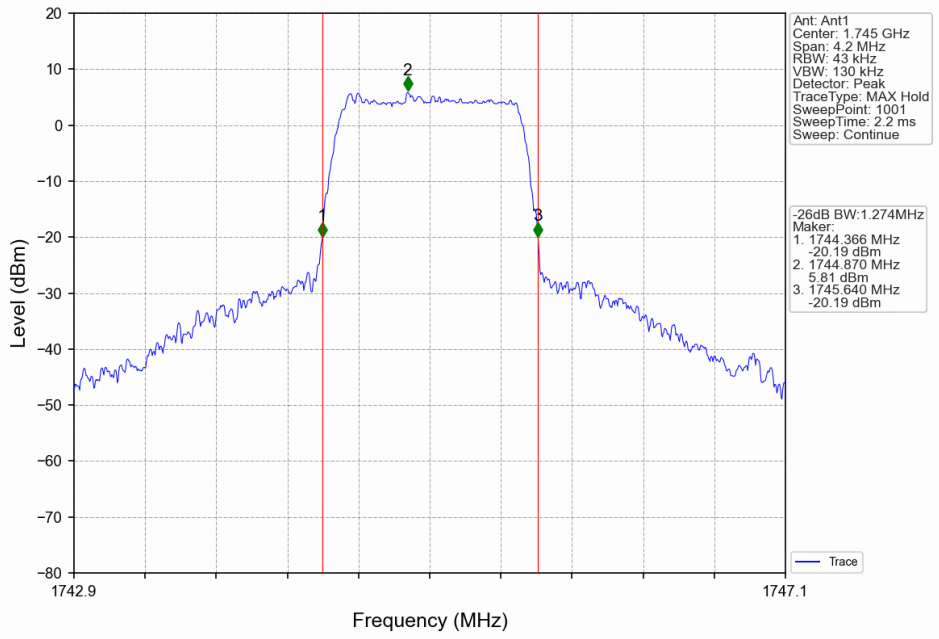
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



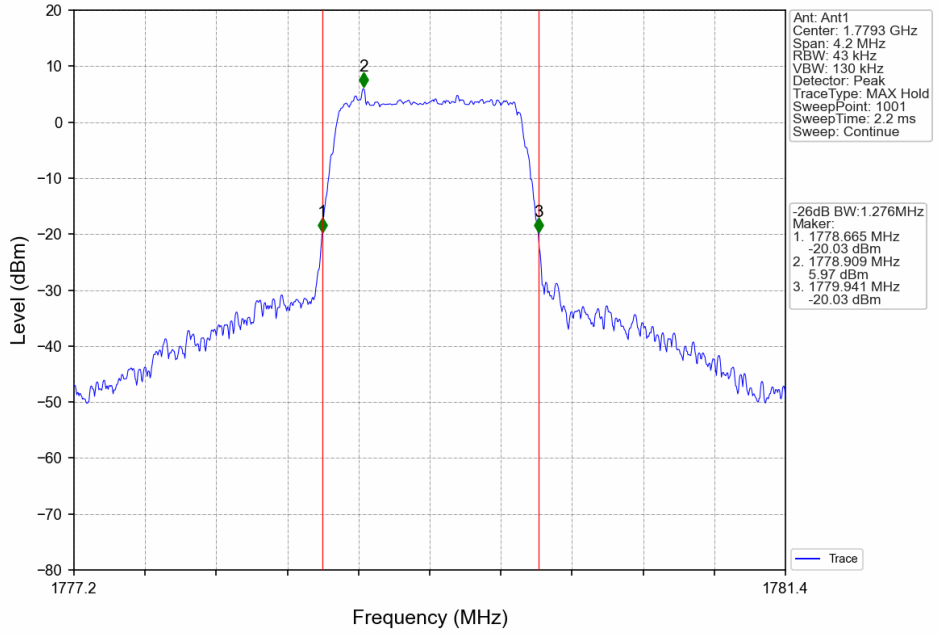
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



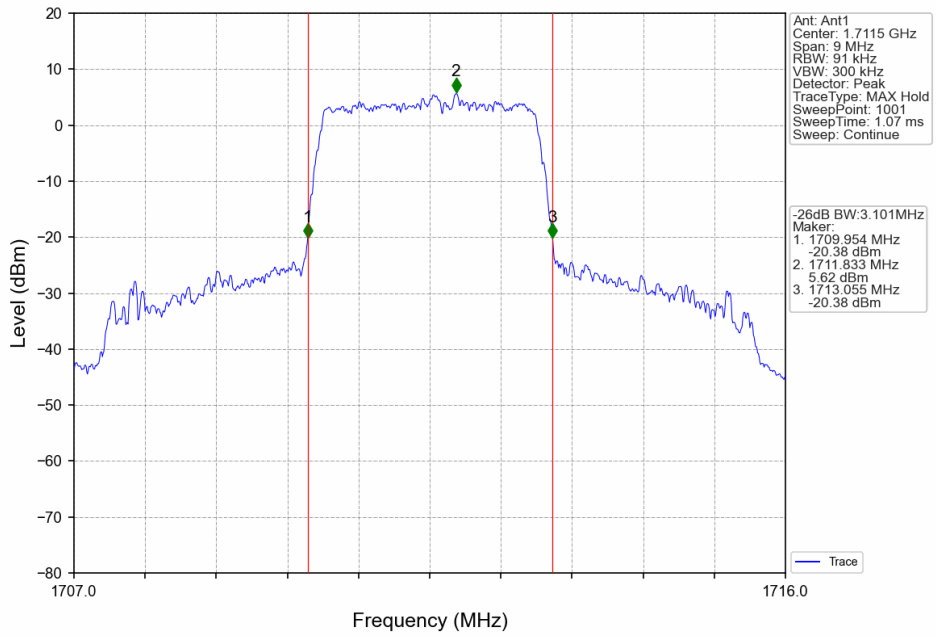
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



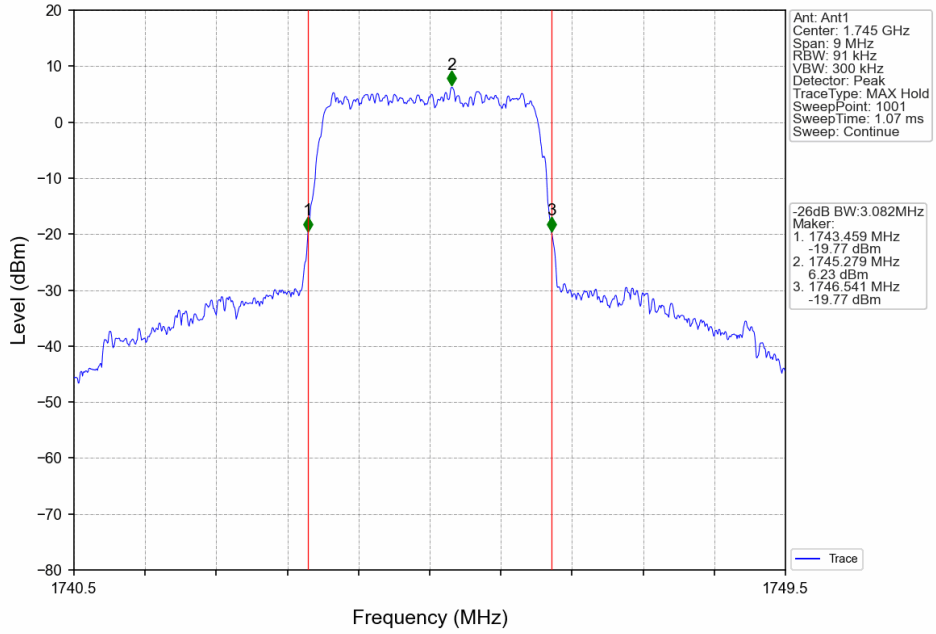
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



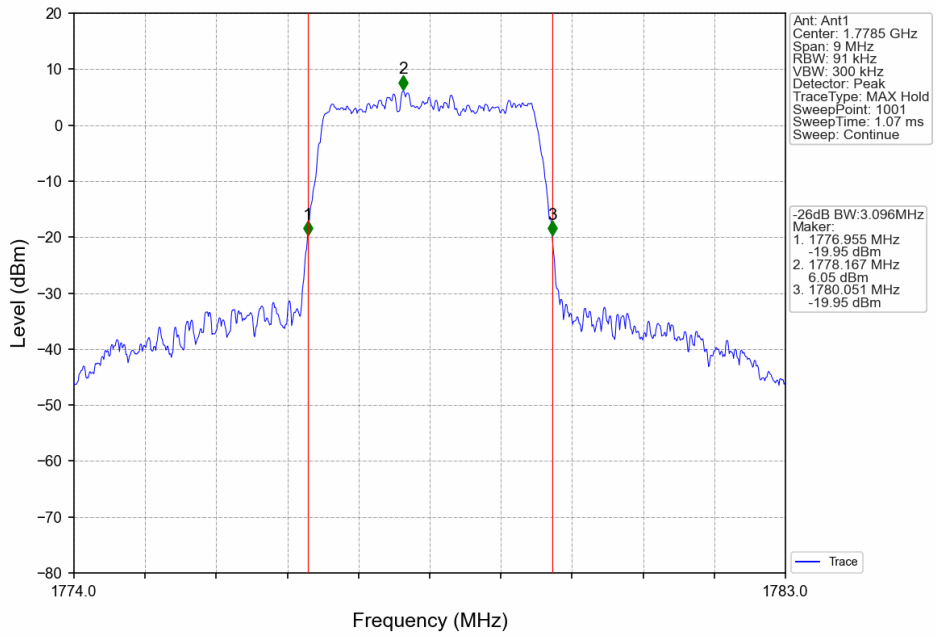
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



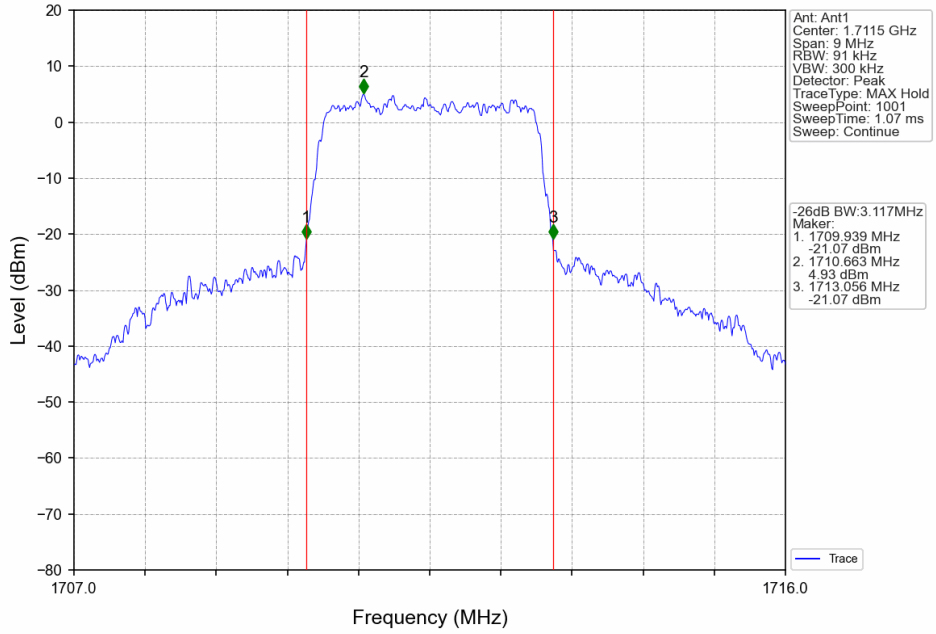
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



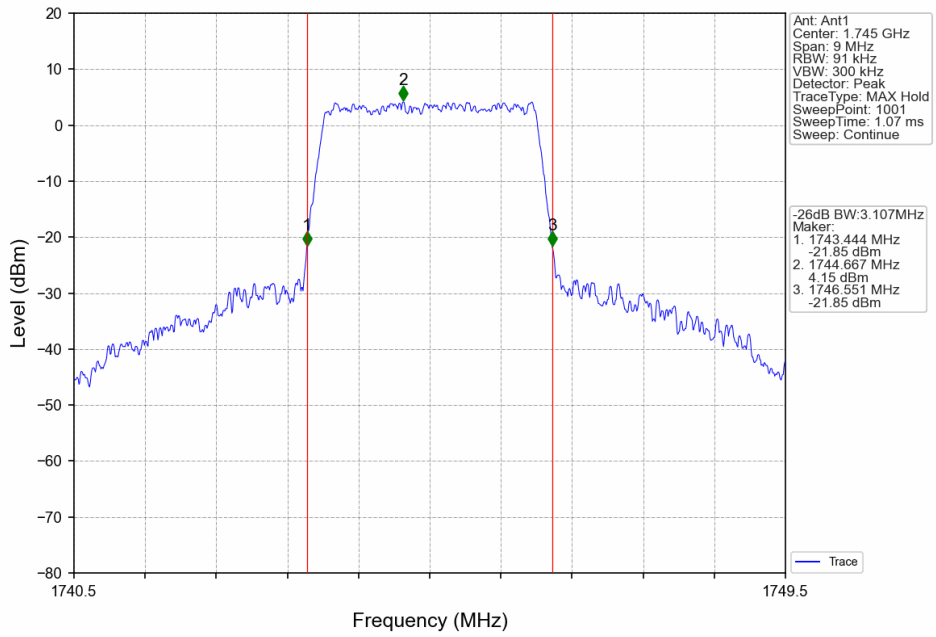
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



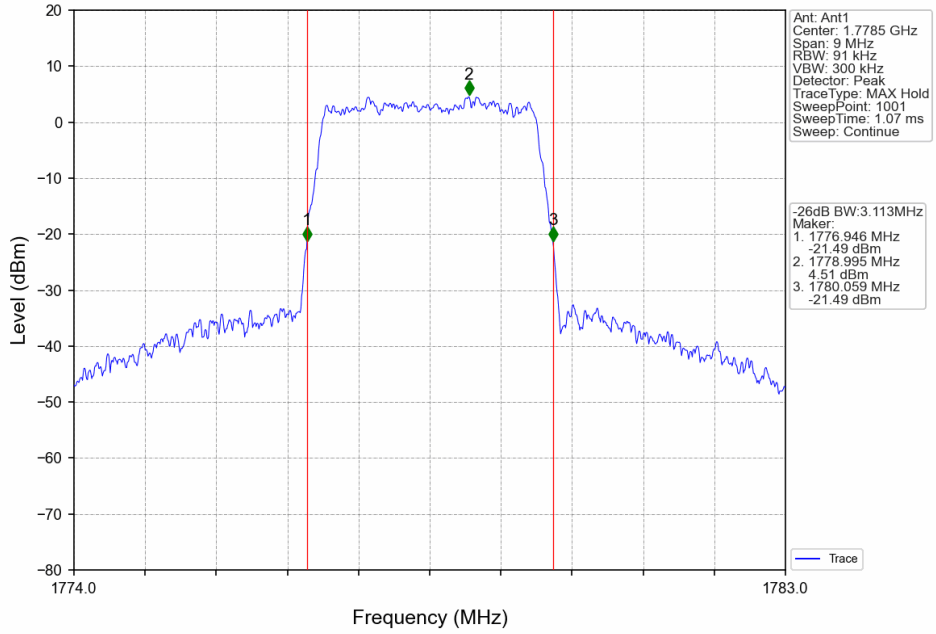
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



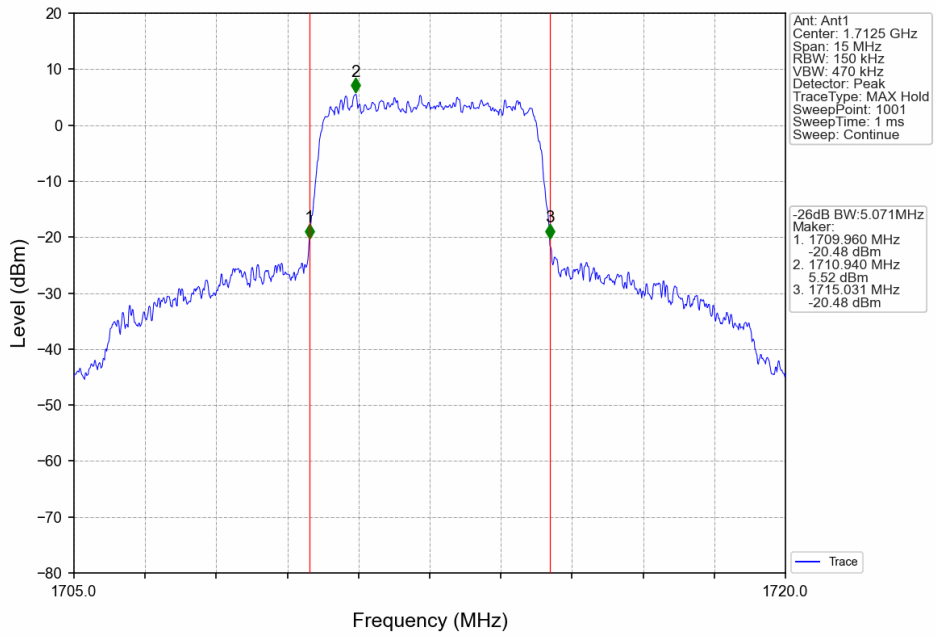
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



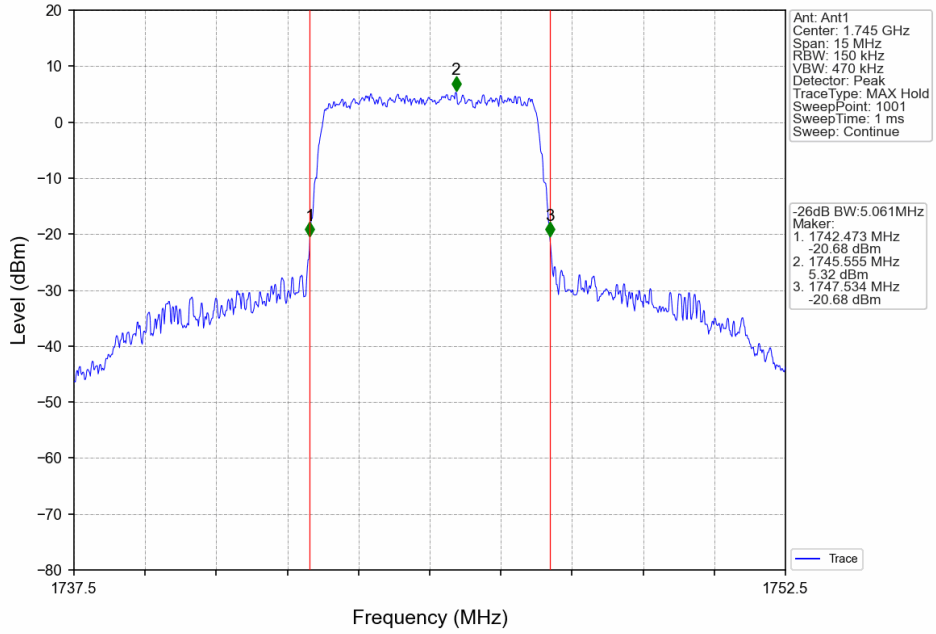
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



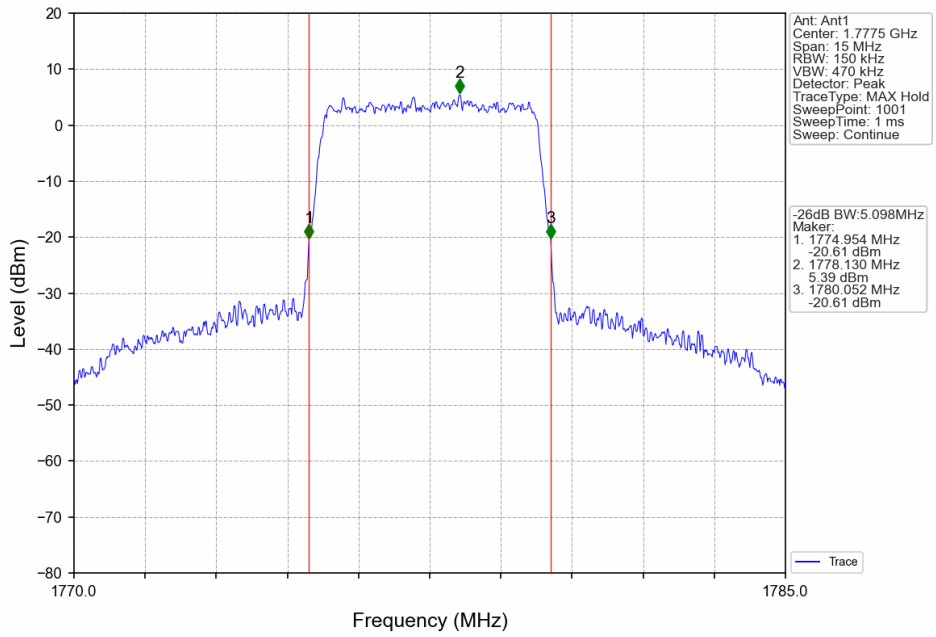
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



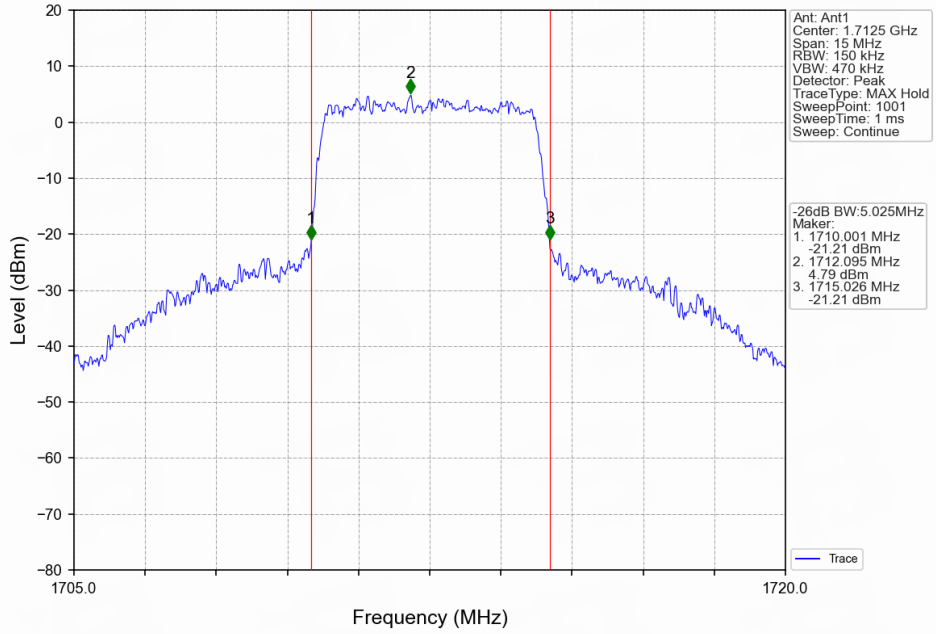
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



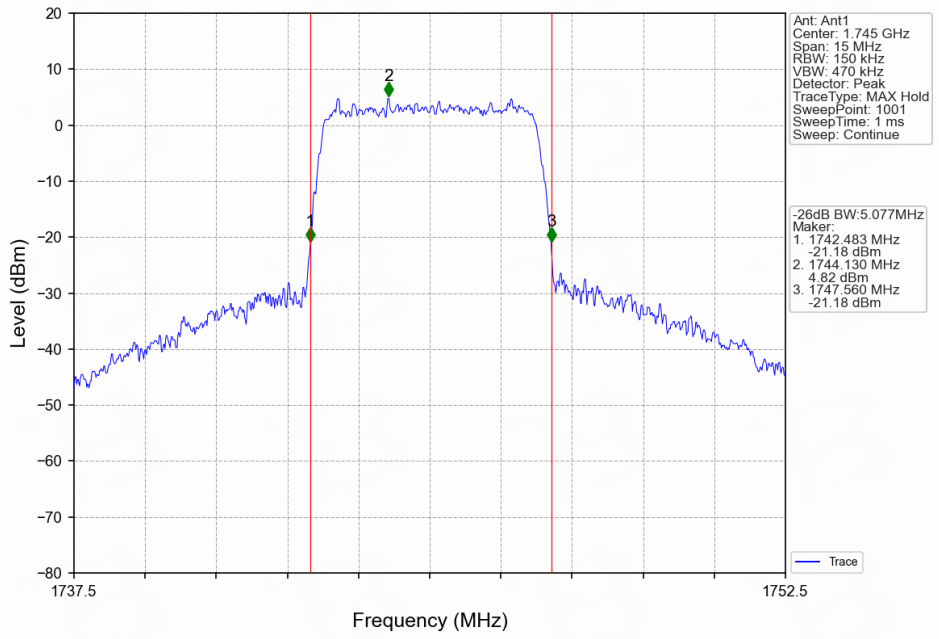
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



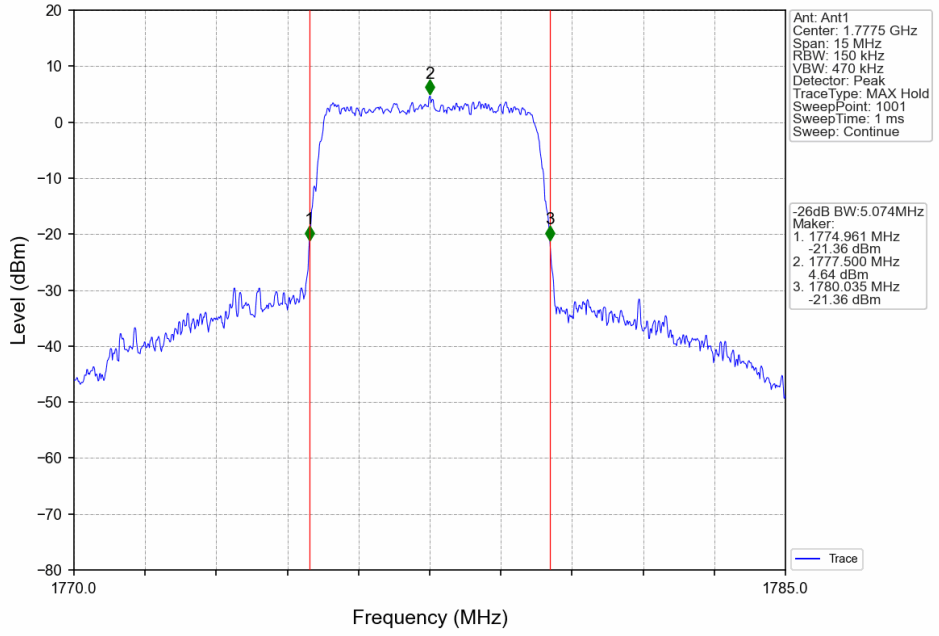
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



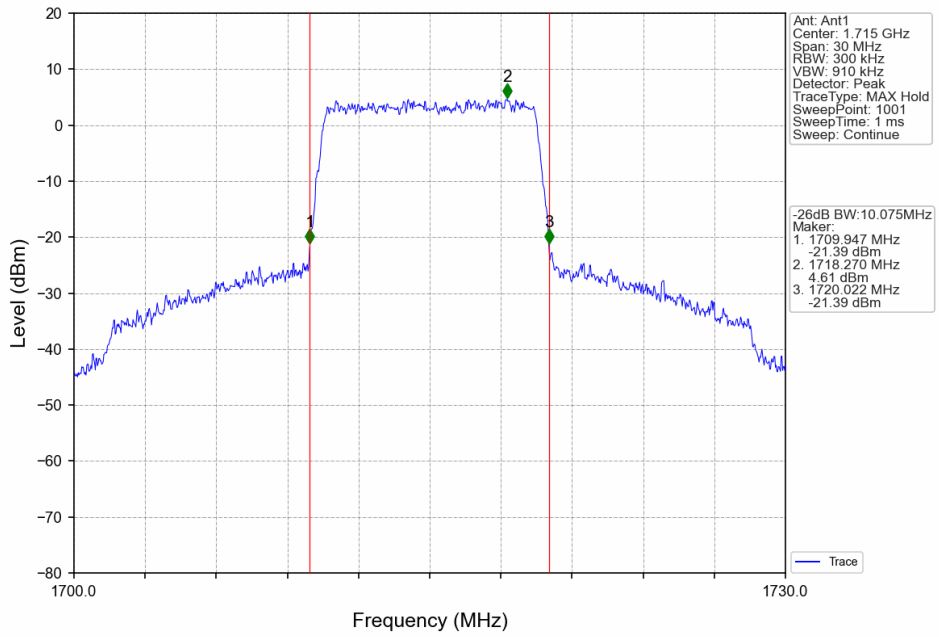
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



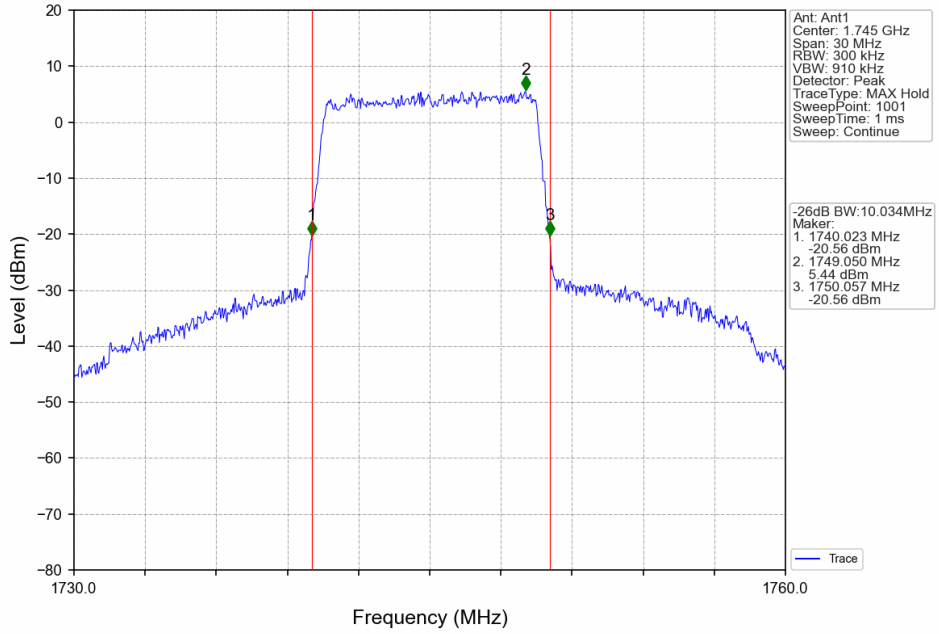
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



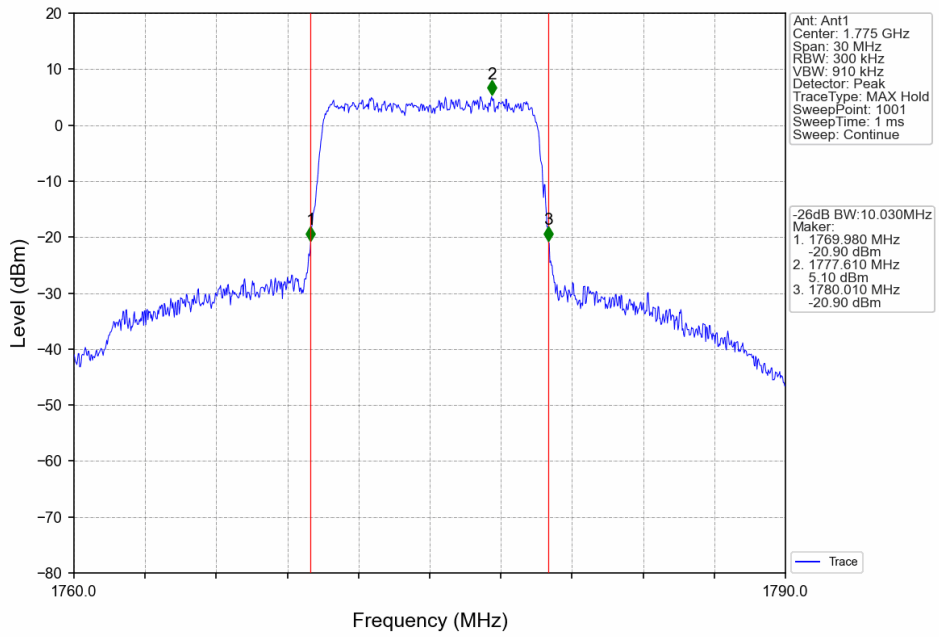
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



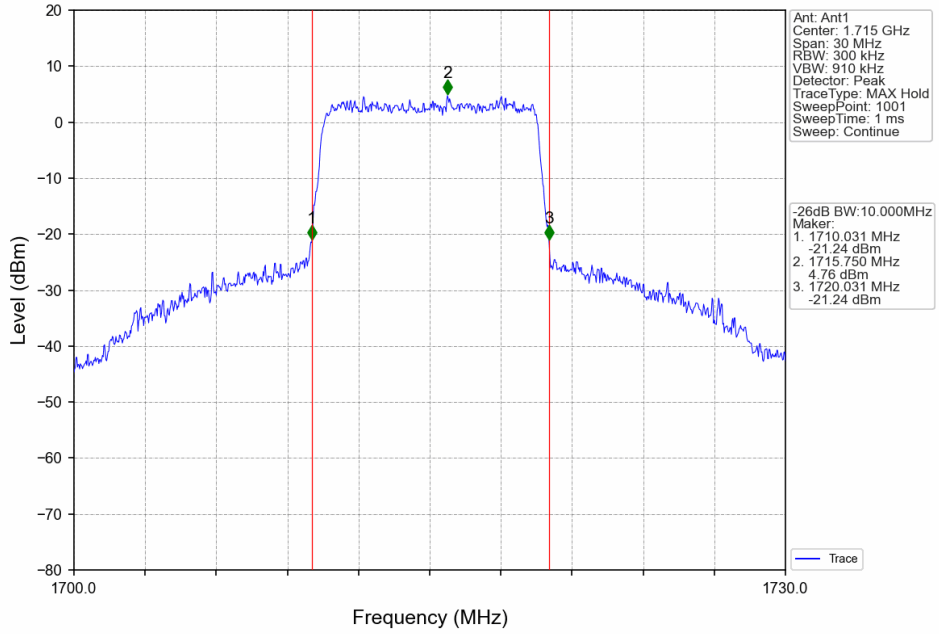
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



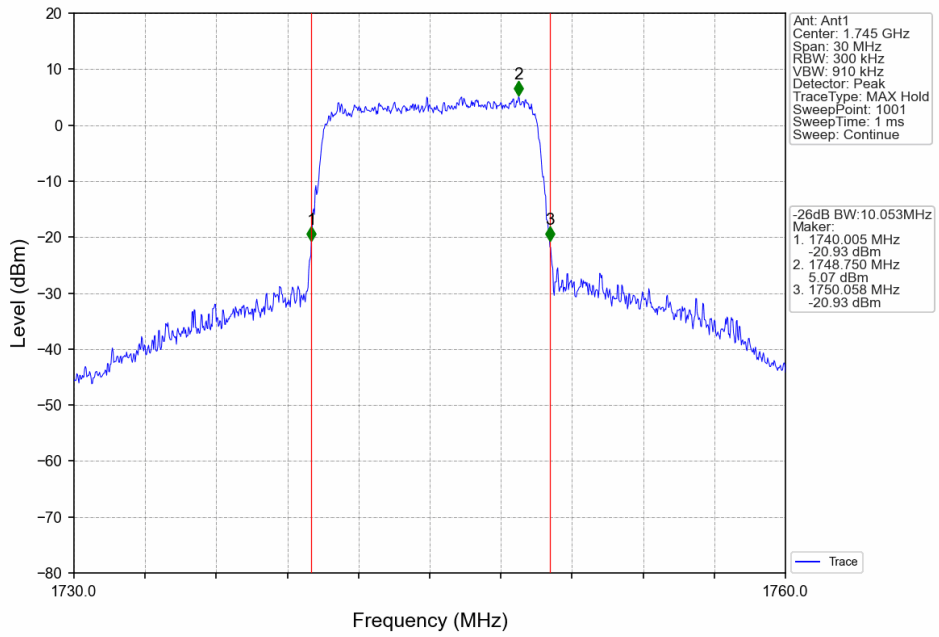
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



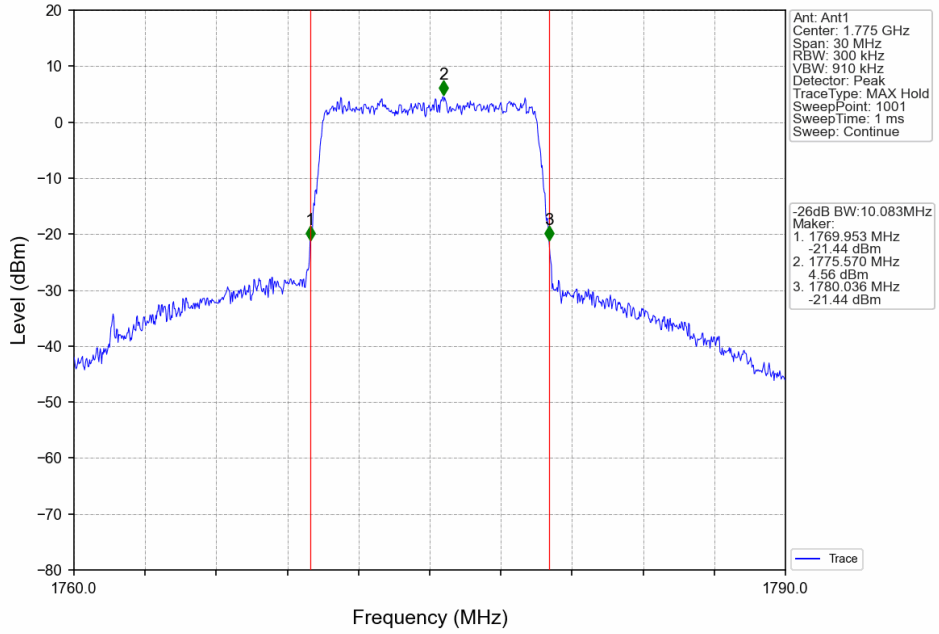
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



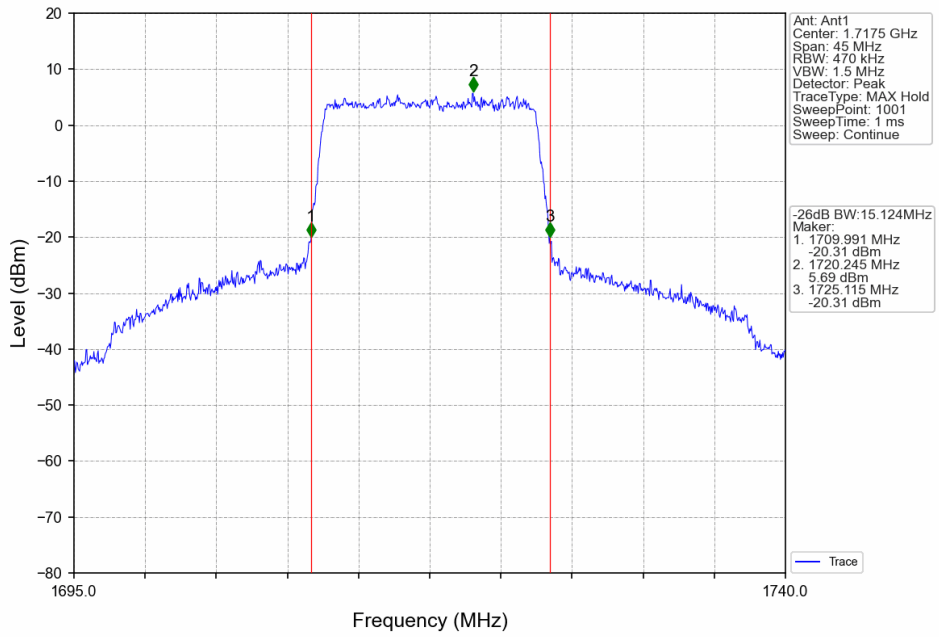
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



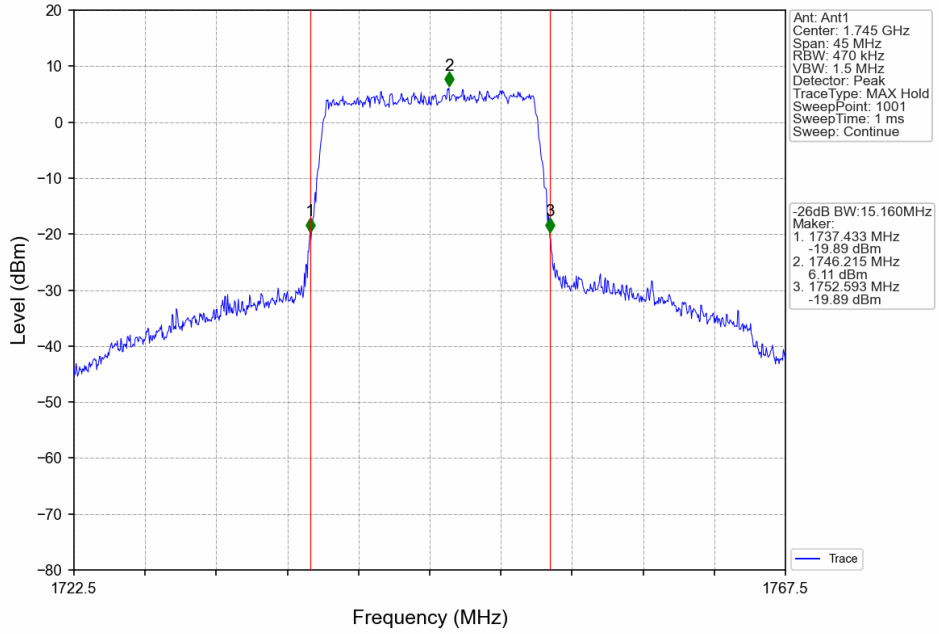
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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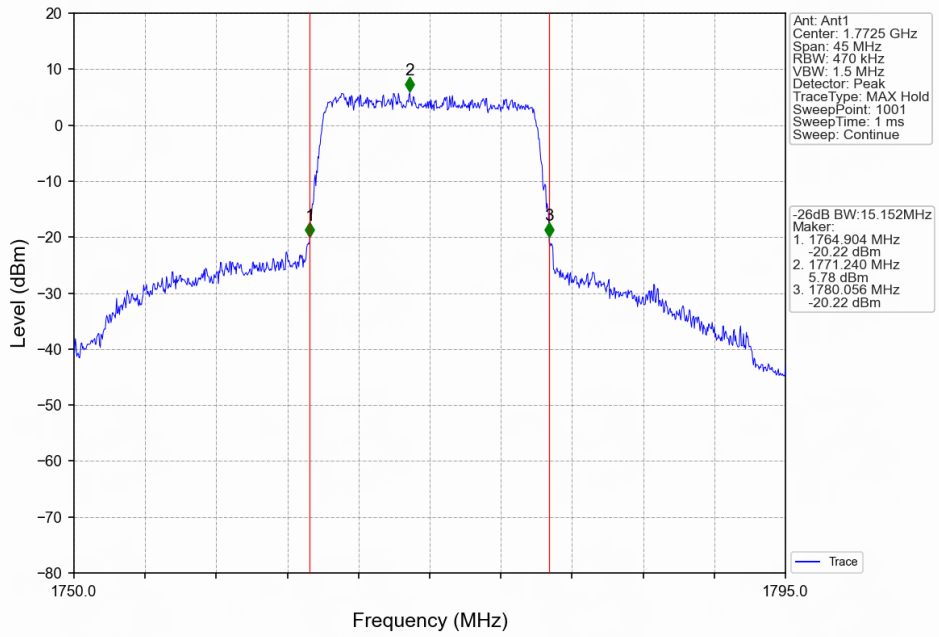
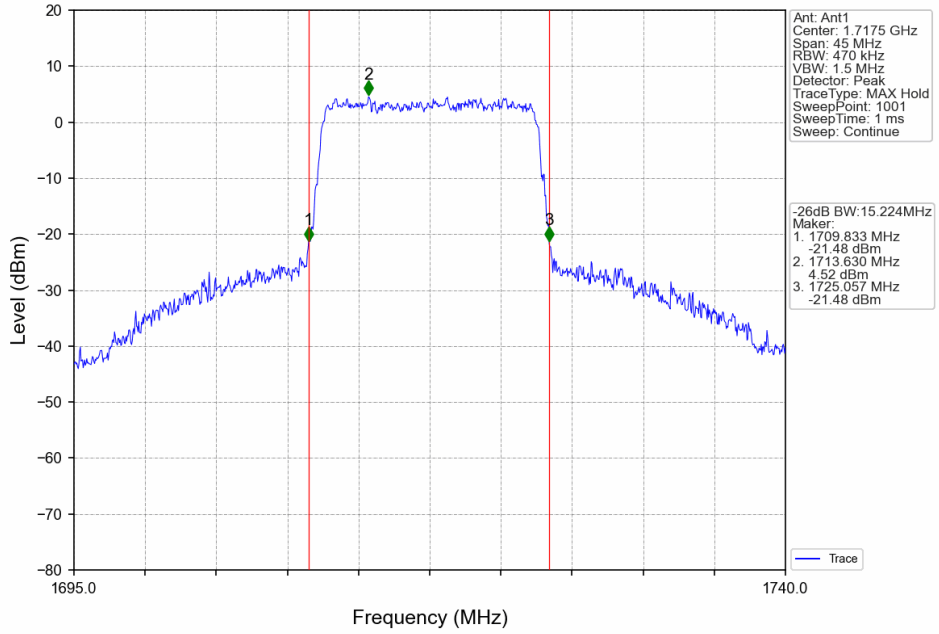
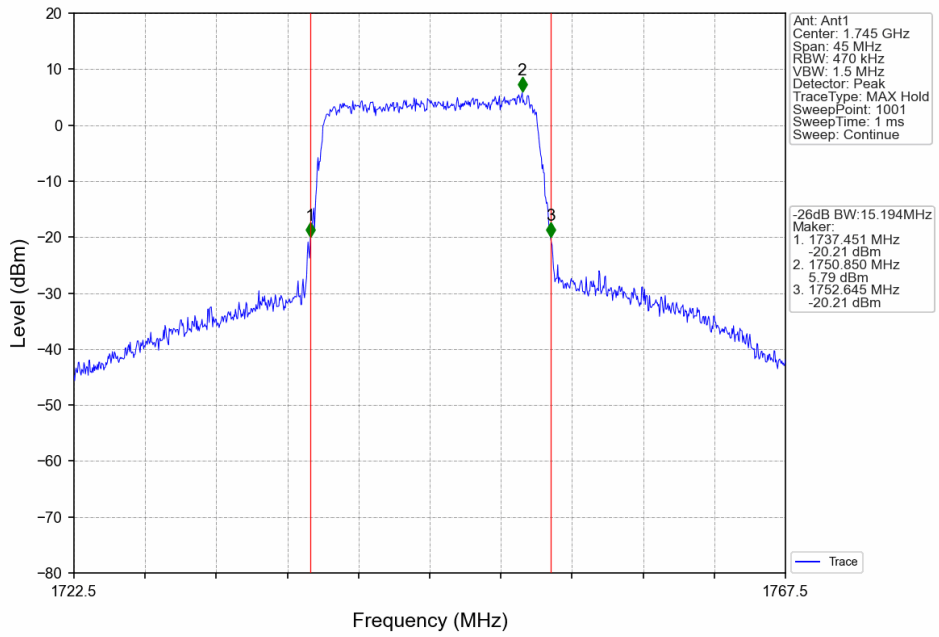
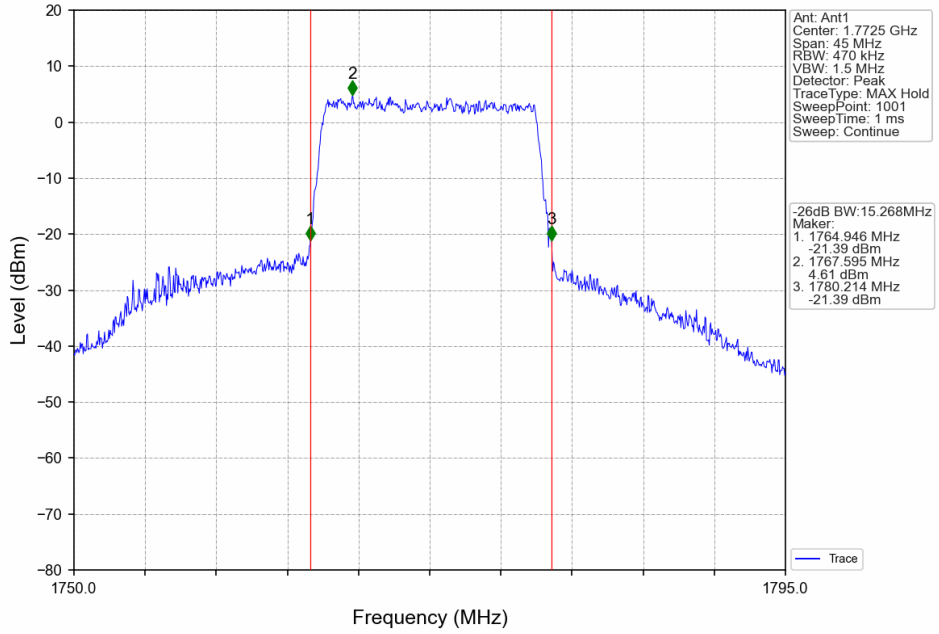


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV