1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.49	0.67	23.16	<=30	Pass
			2	22.46	0.67	23.13	<=30	Pass
			5	22.48	0.67	23.15	<=30	Pass
		3	0	22.41	0.67	23.08	<=30	Pass
			2	22.45	0.67	23.12	<=30	Pass
			3	22.38	0.67	23.05	<=30	Pass
		6	0	21.48	0.67	22.15	<=30	Pass
	1745	1	0	22.14	0.67	22.81	<=30	Pass
			2	22.16	0.67	22.83	<=30	Pass
			5	22.23	0.67	22.90	<=30	Pass
		3	0	22.31	0.67	22.98	<=30	Pass
			2	22.21	0.67	22.88	<=30	Pass
			3	22.32	0.67	22.99	<=30	Pass
		6	0	21.20	0.67	21.87	<=30	Pass
	1779.3	1	0	22.04	0.67	22.71	<=30	Pass
			2	22.16	0.67	22.83	<=30	Pass
			5	22.10	0.67	22.77	<=30	Pass
		3	0	22.17	0.67	22.84	<=30	Pass
			2	22.23	0.67	22.90	<=30	Pass
			3	22.17	0.67	22.84	<=30	Pass
		6	0	21.06	0.67	21.73	<=30	Pass
16QAM	1710.7	1	0	21.45	0.67	22.12	<=30	Pass
			2	21.44	0.67	22.11	<=30	Pass
			5	21.41	0.67	22.08	<=30	Pass
		3	0	21.35	0.67	22.02	<=30	Pass
			2	21.28	0.67	21.95	<=30	Pass
			3	21.33	0.67	22.00	<=30	Pass
		6	0	20.52	0.67	21.19	<=30	Pass
	1745	1	0	22.00	0.67	22.67	<=30	Pass
			2	22.01	0.67	22.68	<=30	Pass
			5	22.05	0.67	22.72	<=30	Pass
		3	0	21.07	0.67	21.74	<=30	Pass
			2	21.15	0.67	21.82	<=30	Pass
			3	21.12	0.67	21.79	<=30	Pass
		6	0	20.46	0.67	21.13	<=30	Pass
	1779.3	1	0	21.74	0.67	22.41	<=30	Pass
			2	21.72	0.67	22.39	<=30	Pass
			5	21.73	0.67	22.40	<=30	Pass
		3	0	21.03	0.67	21.70	<=30	Pass
			2	21.03	0.67	21.70	<=30	Pass
			3	21.04	0.67	21.71	<=30	Pass
		6	0	20.18	0.67	20.85	<=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	22.36	0.67	23.03	<=30	Pass
			7	22.37	0.67	23.04	<=30	Pass
			14	22.37	0.67	23.04	<=30	Pass
		8	0	21.42	0.67	22.09	<=30	Pass
			4	21.45	0.67	22.12	<=30	Pass
			7	21.39	0.67	22.06	<=30	Pass
		15	0	21.42	0.67	22.09	<=30	Pass
	1745	1	0	22.57	0.67	23.24	<=30	Pass
			7	22.60	0.67	23.27	<=30	Pass
			14	22.44	0.67	23.11	<=30	Pass
		8	0	21.23	0.67	21.90	<=30	Pass
			4	21.25	0.67	21.92	<=30	Pass
			7	21.25	0.67	21.92	<=30	Pass
		15	0	21.21	0.67	21.88	<=30	Pass
	1778.5	1	0	22.07	0.67	22.74	<=30	Pass
			7	22.08	0.67	22.75	<=30	Pass
			14	22.09	0.67	22.76	<=30	Pass
		8	0	21.19	0.67	21.86	<=30	Pass
			4	21.18	0.67	21.85	<=30	Pass
			7	21.20	0.67	21.87	<=30	Pass
		15	0	21.12	0.67	21.79	<=30	Pass
16QAM	1711.5	1	0	22.16	0.67	22.83	<=30	Pass
			7	22.21	0.67	22.88	<=30	Pass
			14	22.13	0.67	22.80	<=30	Pass
		8	0	20.75	0.67	21.42	<=30	Pass
			4	20.74	0.67	21.41	<=30	Pass
			7	20.77	0.67	21.44	<=30	Pass
		15	0	20.52	0.67	21.19	<=30	Pass
	1745	1	0	21.83	0.67	22.50	<=30	Pass
			7	21.86	0.67	22.53	<=30	Pass
			14	21.85	0.67	22.52	<=30	Pass
		8	0	20.61	0.67	21.28	<=30	Pass
			4	20.57	0.67	21.24	<=30	Pass
			7	20.57	0.67	21.24	<=30	Pass
		15	0	20.42	0.67	21.09	<=30	Pass
	1778.5	1	0	22.42	0.67	23.09	<=30	Pass
			7	22.34	0.67	23.01	<=30	Pass
			14	22.44	0.67	23.11	<=30	Pass
		8	0	20.32	0.67	20.99	<=30	Pass
			4	20.26	0.67	20.93	<=30	Pass
			7	20.34	0.67	21.01	<=30	Pass
		15	0	20.22	0.67	20.89	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.47	0.67	23.14	<=30	Pass
			13	22.38	0.67	23.05	<=30	Pass
			24	22.36	0.67	23.03	<=30	Pass
		12	0	21.54	0.67	22.21	<=30	Pass

			6	21.37	0.67	22.04	<=30	Pass
			13	21.52	0.67	22.19	<=30	Pass
		25	0	21.44	0.67	22.11	<=30	Pass
	1745	1	0	22.18	0.67	22.85	<=30	Pass
			13	22.18	0.67	22.85	<=30	Pass
			24	22.13	0.67	22.80	<=30	Pass
		12	0	21.38	0.67	22.05	<=30	Pass
			6	21.24	0.67	21.91	<=30	Pass
			13	21.34	0.67	22.01	<=30	Pass
		25	0	21.31	0.67	21.98	<=30	Pass
	1777.5	1	0	22.11	0.67	22.78	<=30	Pass
			13	22.09	0.67	22.76	<=30	Pass
			24	22.13	0.67	22.80	<=30	Pass
		12	0	21.08	0.67	21.75	<=30	Pass
			6	21.05	0.67	21.72	<=30	Pass
			13	21.14	0.67	21.81	<=30	Pass
		25	0	21.15	0.67	21.82	<=30	Pass
16QAM	1712.5	1	0	21.10	0.67	21.77	<=30	Pass
			13	21.11	0.67	21.78	<=30	Pass
			24	21.06	0.67	21.73	<=30	Pass
		12	0	20.50	0.67	21.17	<=30	Pass
			6	20.53	0.67	21.20	<=30	Pass
			13	20.54	0.67	21.21	<=30	Pass
		25	0	20.60	0.67	21.27	<=30	Pass
	1745	1	0	21.95	0.67	22.62	<=30	Pass
			13	21.83	0.67	22.50	<=30	Pass
			24	21.89	0.67	22.56	<=30	Pass
		12	0	20.39	0.67	21.06	<=30	Pass
			6	20.36	0.67	21.03	<=30	Pass
			13	20.40	0.67	21.07	<=30	Pass
		25	0	20.42	0.67	21.09	<=30	Pass
	1777.5	1	0	21.84	0.67	22.51	<=30	Pass
			13	21.77	0.67	22.44	<=30	Pass
			24	21.85	0.67	22.52	<=30	Pass
		12	0	20.20	0.67	20.87	<=30	Pass
			6	20.26	0.67	20.93	<=30	Pass
			13	20.27	0.67	20.94	<=30	Pass
		25	0	20.27	0.67	20.94	<=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	22.36	0.67	23.03	<=30	Pass
			25	22.33	0.67	23.00	<=30	Pass
			49	22.37	0.67	23.04	<=30	Pass
		25	0	21.40	0.67	22.07	<=30	Pass
			13	21.48	0.67	22.15	<=30	Pass
			25	21.37	0.67	22.04	<=30	Pass
		50	0	21.39	0.67	22.06	<=30	Pass
	1745	1	0	22.46	0.67	23.13	<=30	Pass
			25	22.37	0.67	23.04	<=30	Pass
			49	22.35	0.67	23.02	<=30	Pass
		25	0	21.27	0.67	21.94	<=30	Pass

			13	21.26	0.67	21.93	<=30	Pass
			25	21.36	0.67	22.03	<=30	Pass
		50	0	21.31	0.67	21.98	<=30	Pass
	1775	1	0	22.28	0.67	22.95	<=30	Pass
			25	22.27	0.67	22.94	<=30	Pass
			49	22.29	0.67	22.96	<=30	Pass
		25	0	21.07	0.67	21.74	<=30	Pass
			13	21.21	0.67	21.88	<=30	Pass
			25	21.15	0.67	21.82	<=30	Pass
		50	0	21.18	0.67	21.85	<=30	Pass
16QAM	1715	1	0	22.13	0.67	22.80	<=30	Pass
			25	22.14	0.67	22.81	<=30	Pass
			49	22.15	0.67	22.82	<=30	Pass
		25	0	20.46	0.67	21.13	<=30	Pass
			13	20.49	0.67	21.16	<=30	Pass
			25	20.61	0.67	21.28	<=30	Pass
		50	0	20.57	0.67	21.24	<=30	Pass
	1745	1	0	21.49	0.67	22.16	<=30	Pass
			25	21.38	0.67	22.05	<=30	Pass
			49	21.31	0.67	21.98	<=30	Pass
		25	0	20.53	0.67	21.20	<=30	Pass
			13	20.48	0.67	21.15	<=30	Pass
			25	20.47	0.67	21.14	<=30	Pass
		50	0	20.36	0.67	21.03	<=30	Pass
	1775	1	0	21.84	0.67	22.51	<=30	Pass
			25	21.84	0.67	22.51	<=30	Pass
			49	21.89	0.67	22.56	<=30	Pass
		25	0	20.38	0.67	21.05	<=30	Pass
			13	20.36	0.67	21.03	<=30	Pass
			25	20.31	0.67	20.98	<=30	Pass
		50	0	20.36	0.67	21.03	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.35	0.67	23.02	<=30	Pass
			38	22.37	0.67	23.04	<=30	Pass
			74	22.33	0.67	23.00	<=30	Pass
		36	0	21.38	0.67	22.05	<=30	Pass
			18	21.36	0.67	22.03	<=30	Pass
			39	21.38	0.67	22.05	<=30	Pass
		75	0	21.47	0.67	22.14	<=30	Pass
	1745	1	0	22.50	0.67	23.17	<=30	Pass
			38	22.33	0.67	23.00	<=30	Pass
			74	22.36	0.67	23.03	<=30	Pass
		36	0	21.23	0.67	21.90	<=30	Pass
			18	21.32	0.67	21.99	<=30	Pass
			39	21.16	0.67	21.83	<=30	Pass
		75	0	21.30	0.67	21.97	<=30	Pass
	1772.5	1	0	22.20	0.67	22.87	<=30	Pass
			38	22.24	0.67	22.91	<=30	Pass
			74	22.29	0.67	22.96	<=30	Pass
		36	0	21.17	0.67	21.84	<=30	Pass

			18	21.26	0.67	21.93	<=30	Pass
			39	21.10	0.67	21.77	<=30	Pass
		75	0	21.24	0.67	21.91	<=30	Pass
16QAM	1717.5	1	0	22.15	0.67	22.82	<=30	Pass
			38	22.19	0.67	22.86	<=30	Pass
			74	22.20	0.67	22.87	<=30	Pass
		36	0	20.65	0.67	21.32	<=30	Pass
			18	20.66	0.67	21.33	<=30	Pass
			39	20.66	0.67	21.33	<=30	Pass
		75	0	20.56	0.67	21.23	<=30	Pass
	1745	1	0	22.32	0.67	22.99	<=30	Pass
			38	22.16	0.67	22.83	<=30	Pass
			74	22.11	0.67	22.78	<=30	Pass
		36	0	20.51	0.67	21.18	<=30	Pass
			18	20.47	0.67	21.14	<=30	Pass
			39	20.43	0.67	21.10	<=30	Pass
		75	0	20.42	0.67	21.09	<=30	Pass
	1772.5	1	0	21.85	0.67	22.52	<=30	Pass
			38	21.94	0.67	22.61	<=30	Pass
			74	21.88	0.67	22.55	<=30	Pass
		36	0	20.39	0.67	21.06	<=30	Pass
			18	20.36	0.67	21.03	<=30	Pass
			39	20.34	0.67	21.01	<=30	Pass
		75	0	20.42	0.67	21.09	<=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	22.53	0.67	23.20	<=30	Pass
			50	22.53	0.67	23.20	<=30	Pass
			99	22.52	0.67	23.19	<=30	Pass
		50	0	21.37	0.67	22.04	<=30	Pass
			25	21.52	0.67	22.19	<=30	Pass
			50	21.48	0.67	22.15	<=30	Pass
		100	0	21.46	0.67	22.13	<=30	Pass
	1745	1	0	22.49	0.67	23.16	<=30	Pass
			50	22.35	0.67	23.02	<=30	Pass
			99	22.31	0.67	22.98	<=30	Pass
		50	0	21.31	0.67	21.98	<=30	Pass
			25	21.24	0.67	21.91	<=30	Pass
			50	21.28	0.67	21.95	<=30	Pass
		100	0	21.24	0.67	21.91	<=30	Pass
	1770	1	0	22.02	0.67	22.69	<=30	Pass
			50	22.07	0.67	22.74	<=30	Pass
			99	22.19	0.67	22.86	<=30	Pass
		50	0	21.20	0.67	21.87	<=30	Pass
			25	21.18	0.67	21.85	<=30	Pass
			50	21.15	0.67	21.82	<=30	Pass
		100	0	21.08	0.67	21.75	<=30	Pass
16QAM	1720	1	0	21.92	0.67	22.59	<=30	Pass
			50	21.93	0.67	22.60	<=30	Pass
			99	21.99	0.67	22.66	<=30	Pass
		50	0	20.59	0.67	21.26	<=30	Pass

			25	20.56	0.67	21.23	<=30	Pass
			50	20.64	0.67	21.31	<=30	Pass
		100	0	20.56	0.67	21.23	<=30	Pass
	1745	1	0	22.54	0.67	23.21	<=30	Pass
			50	22.35	0.67	23.02	<=30	Pass
			99	22.30	0.67	22.97	<=30	Pass
		50	0	20.40	0.67	21.07	<=30	Pass
			25	20.40	0.67	21.07	<=30	Pass
			50	20.34	0.67	21.01	<=30	Pass
		100	0	20.38	0.67	21.05	<=30	Pass
	1770	1	0	21.95	0.67	22.62	<=30	Pass
			50	21.98	0.67	22.65	<=30	Pass
			99	22.03	0.67	22.70	<=30	Pass
		50	0	20.39	0.67	21.06	<=30	Pass
			25	20.39	0.67	21.06	<=30	Pass
			50	20.40	0.67	21.07	<=30	Pass
		100	0	20.23	0.67	20.90	<=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	-14.405	-0.0084	-2.5 to 2.5	Pass
					3.85	-36.807	-0.0215	-2.5 to 2.5	Pass
					4.43	-33.646	-0.0197	-2.5 to 2.5	Pass
				-30	3.85	-23.632	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-16.823	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-9.313	-0.0054	-2.5 to 2.5	Pass
				0	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				10	3.85	10.715	0.0063	-2.5 to 2.5	Pass
				30	3.85	20.285	0.0119	-2.5 to 2.5	Pass
				40	3.85	23.346	0.0136	-2.5 to 2.5	Pass
				50	3.85	27.008	0.0158	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-37.708	-0.0216	-2.5 to 2.5	Pass
					3.85	-23.203	-0.0133	-2.5 to 2.5	Pass
					4.43	-38.023	-0.0218	-2.5 to 2.5	Pass
				-30	3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-42.429	-0.0243	-2.5 to 2.5	Pass
				-10	3.85	-41.099	-0.0236	-2.5 to 2.5	Pass
				0	3.85	-39.525	-0.0227	-2.5 to 2.5	Pass
				10	3.85	-24.476	-0.0140	-2.5 to 2.5	Pass
				30	3.85	-12.746	-0.0073	-2.5 to 2.5	Pass
				40	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.302	0.0007	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	23.489	0.0132	-2.5 to 2.5	Pass
					3.85	3.462	0.0019	-2.5 to 2.5	Pass
					4.43	-8.597	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-8.926	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass

				-10	3.85	9.298	0.0052	-2.5 to 2.5	Pass
				0	3.85	20.599	0.0116	-2.5 to 2.5	Pass
				10	3.85	27.037	0.0152	-2.5 to 2.5	Pass
				30	3.85	3.076	0.0017	-2.5 to 2.5	Pass
				40	3.85	20.356	0.0114	-2.5 to 2.5	Pass
				50	3.85	24.476	0.0138	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	37.379	0.0219	-2.5 to 2.5	Pass
					3.85	12.331	0.0072	-2.5 to 2.5	Pass
					4.43	18.711	0.0109	-2.5 to 2.5	Pass
				-30	3.85	19.627	0.0115	-2.5 to 2.5	Pass
				-20	3.85	22.159	0.0130	-2.5 to 2.5	Pass
				-10	3.85	13.919	0.0081	-2.5 to 2.5	Pass
				0	3.85	16.108	0.0094	-2.5 to 2.5	Pass
				10	3.85	8.125	0.0047	-2.5 to 2.5	Pass
				30	3.85	10.815	0.0063	-2.5 to 2.5	Pass
				40	3.85	14.248	0.0083	-2.5 to 2.5	Pass
				50	3.85	8.812	0.0052	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-9.227	-0.0053	-2.5 to 2.5	Pass
					3.85	-12.875	-0.0074	-2.5 to 2.5	Pass
					4.43	-16.007	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-21.000	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-23.489	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-20.342	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-23.718	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-26.665	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-26.479	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-30.856	-0.0177	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	33.946	0.0191	-2.5 to 2.5	Pass
					3.85	5.107	0.0029	-2.5 to 2.5	Pass
					4.43	5.021	0.0028	-2.5 to 2.5	Pass
				-30	3.85	3.920	0.0022	-2.5 to 2.5	Pass
				-20	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				-10	3.85	7.195	0.0040	-2.5 to 2.5	Pass
				0	3.85	7.339	0.0041	-2.5 to 2.5	Pass
				10	3.85	6.237	0.0035	-2.5 to 2.5	Pass
				30	3.85	7.024	0.0039	-2.5 to 2.5	Pass
				40	3.85	11.873	0.0067	-2.5 to 2.5	Pass
				50	3.85	13.633	0.0077	-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	-23.103	-0.0135	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0027	-2.5 to 2.5	Pass
					4.43	-11.573	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	3.734	0.0022	-2.5 to 2.5	Pass
				0	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				10	3.85	10.486	0.0061	-2.5 to 2.5	Pass
				30	3.85	16.708	0.0098	-2.5 to 2.5	Pass
				40	3.85	14.906	0.0087	-2.5 to 2.5	Pass
				50	3.85	23.417	0.0137	-2.5 to 2.5	Pass

	1745	15	0	20	3.27	4.392	0.0025	-2.5 to 2.5	Pass
					3.85	-9.012	-0.0052	-2.5 to 2.5	Pass
					4.43	-11.959	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-10.328	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				0	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				10	3.85	4.692	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.948	0.0023	-2.5 to 2.5	Pass
				40	3.85	4.563	0.0026	-2.5 to 2.5	Pass
				50	3.85	10.872	0.0062	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	8.054	0.0045	-2.5 to 2.5	Pass
					3.85	-10.300	-0.0058	-2.5 to 2.5	Pass
					4.43	-7.968	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	14.591	0.0082	-2.5 to 2.5	Pass
				-20	3.85	13.747	0.0077	-2.5 to 2.5	Pass
				-10	3.85	33.975	0.0191	-2.5 to 2.5	Pass
				0	3.85	13.089	0.0074	-2.5 to 2.5	Pass
				10	3.85	13.461	0.0076	-2.5 to 2.5	Pass
				30	3.85	32.172	0.0181	-2.5 to 2.5	Pass
				40	3.85	10.157	0.0057	-2.5 to 2.5	Pass
				50	3.85	24.590	0.0138	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	28.868	0.0169	-2.5 to 2.5	Pass
					3.85	-22.116	-0.0129	-2.5 to 2.5	Pass
					4.43	-28.067	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-34.719	-0.0203	-2.5 to 2.5	Pass
				-20	3.85	-38.738	-0.0226	-2.5 to 2.5	Pass
				-10	3.85	-43.988	-0.0257	-2.5 to 2.5	Pass
				0	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-9.599	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-13.447	-0.0079	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	7.310	0.0042	-2.5 to 2.5	Pass
					3.85	14.691	0.0084	-2.5 to 2.5	Pass
					4.43	13.289	0.0076	-2.5 to 2.5	Pass
				-30	3.85	9.198	0.0053	-2.5 to 2.5	Pass
				-20	3.85	7.610	0.0044	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0027	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	11.172	0.0063	-2.5 to 2.5	Pass
					3.85	11.001	0.0062	-2.5 to 2.5	Pass
					4.43	20.127	0.0113	-2.5 to 2.5	Pass
				-30	3.85	27.251	0.0153	-2.5 to 2.5	Pass
				-20	3.85	23.389	0.0132	-2.5 to 2.5	Pass
				-10	3.85	18.282	0.0103	-2.5 to 2.5	Pass
				0	3.85	14.377	0.0081	-2.5 to 2.5	Pass
				10	3.85	7.639	0.0043	-2.5 to 2.5	Pass
				30	3.85	3.934	0.0022	-2.5 to 2.5	Pass
				40	3.85	4.106	0.0023	-2.5 to 2.5	Pass
				50	3.85	9.241	0.0052	-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	-19.026	-0.0111	-2.5 to 2.5	Pass
					3.85	-12.717	-0.0074	-2.5 to 2.5	Pass
					4.43	-18.883	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-16.093	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-15.364	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0028	-2.5 to 2.5	Pass
				0	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				10	3.85	12.131	0.0071	-2.5 to 2.5	Pass
				30	3.85	19.999	0.0117	-2.5 to 2.5	Pass
				40	3.85	24.791	0.0145	-2.5 to 2.5	Pass
				50	3.85	24.076	0.0141	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	5.765	0.0033	-2.5 to 2.5	Pass
					3.85	-12.932	-0.0074	-2.5 to 2.5	Pass
					4.43	-16.222	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-16.909	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-16.766	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-13.704	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-11.601	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-9.141	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	10.200	0.0057	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0033	-2.5 to 2.5	Pass
					4.43	6.580	0.0037	-2.5 to 2.5	Pass
				-30	3.85	22.087	0.0124	-2.5 to 2.5	Pass
				-20	3.85	10.386	0.0058	-2.5 to 2.5	Pass
				-10	3.85	34.304	0.0193	-2.5 to 2.5	Pass
				0	3.85	21.114	0.0119	-2.5 to 2.5	Pass
				10	3.85	39.253	0.0221	-2.5 to 2.5	Pass
				30	3.85	9.856	0.0055	-2.5 to 2.5	Pass
				40	3.85	23.274	0.0131	-2.5 to 2.5	Pass
				50	3.85	38.824	0.0218	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	25.320	0.0148	-2.5 to 2.5	Pass
					3.85	19.798	0.0116	-2.5 to 2.5	Pass
					4.43	13.175	0.0077	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-14.806	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-22.516	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-32.272	-0.0188	-2.5 to 2.5	Pass
				50	3.85	-31.757	-0.0185	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-6.666	-0.0038	-2.5 to 2.5	Pass
					3.85	-10.185	-0.0058	-2.5 to 2.5	Pass
					4.43	-11.616	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-12.274	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-19.641	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-22.316	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-24.862	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-20.399	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-24.633	-0.0141	-2.5 to 2.5	Pass

				40	3.85	-26.393	-0.0151	-2.5 to 2.5	Pass
				50	3.85	-30.742	-0.0176	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	50.569	0.0284	-2.5 to 2.5	Pass
					3.85	16.766	0.0094	-2.5 to 2.5	Pass
					4.43	23.746	0.0134	-2.5 to 2.5	Pass
				-30	3.85	21.944	0.0123	-2.5 to 2.5	Pass
				-20	3.85	13.905	0.0078	-2.5 to 2.5	Pass
				-10	3.85	14.162	0.0080	-2.5 to 2.5	Pass
				0	3.85	9.699	0.0055	-2.5 to 2.5	Pass
				10	3.85	12.689	0.0071	-2.5 to 2.5	Pass
				30	3.85	12.932	0.0073	-2.5 to 2.5	Pass
				40	3.85	26.579	0.0150	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-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	-7.038	-0.0041	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0041	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				-20	3.85	16.737	0.0098	-2.5 to 2.5	Pass
				-10	3.85	26.379	0.0154	-2.5 to 2.5	Pass
				0	3.85	32.687	0.0191	-2.5 to 2.5	Pass
				10	3.85	39.940	0.0233	-2.5 to 2.5	Pass
				30	3.85	11.458	0.0067	-2.5 to 2.5	Pass
				40	3.85	18.353	0.0107	-2.5 to 2.5	Pass
				50	3.85	24.433	0.0142	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-19.398	-0.0111	-2.5 to 2.5	Pass
					3.85	-28.410	-0.0163	-2.5 to 2.5	Pass
					4.43	-15.149	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-17.810	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-19.212	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-32.043	-0.0184	-2.5 to 2.5	Pass
				10	3.85	-23.232	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				40	3.85	4.478	0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	7.668	0.0043	-2.5 to 2.5	Pass
					3.85	-26.865	-0.0151	-2.5 to 2.5	Pass
					4.43	-13.990	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-14.777	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	7.052	0.0040	-2.5 to 2.5	Pass
				0	3.85	20.413	0.0115	-2.5 to 2.5	Pass
				10	3.85	22.187	0.0125	-2.5 to 2.5	Pass
				30	3.85	18.368	0.0103	-2.5 to 2.5	Pass
				40	3.85	32.358	0.0182	-2.5 to 2.5	Pass
				50	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	26.965	0.0157	-2.5 to 2.5	Pass
					3.85	23.932	0.0140	-2.5 to 2.5	Pass
					4.43	13.247	0.0077	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass

				-20	3.85	-11.187	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-14.262	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-23.475	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-19.984	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-28.152	-0.0164	-2.5 to 2.5	Pass
				40	3.85	-27.323	-0.0159	-2.5 to 2.5	Pass
				50	3.85	2.432	0.0014	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-10.571	-0.0061	-2.5 to 2.5	Pass
					3.85	-8.268	-0.0047	-2.5 to 2.5	Pass
					4.43	-8.812	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-10.343	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-18.096	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-17.381	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-16.580	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-19.512	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-19.441	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-23.704	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-34.060	-0.0195	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	15.578	0.0088	-2.5 to 2.5	Pass
					3.85	26.321	0.0148	-2.5 to 2.5	Pass
					4.43	25.063	0.0141	-2.5 to 2.5	Pass
				-30	3.85	26.565	0.0150	-2.5 to 2.5	Pass
				-20	3.85	23.088	0.0130	-2.5 to 2.5	Pass
				-10	3.85	21.830	0.0123	-2.5 to 2.5	Pass
				0	3.85	26.464	0.0149	-2.5 to 2.5	Pass
				10	3.85	30.098	0.0170	-2.5 to 2.5	Pass
				30	3.85	-6.938	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				50	3.85	2.589	0.0015	-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	-17.753	-0.0103	-2.5 to 2.5	Pass
					3.85	-15.135	-0.0088	-2.5 to 2.5	Pass
					4.43	1.745	0.0010	-2.5 to 2.5	Pass
				-30	3.85	15.049	0.0088	-2.5 to 2.5	Pass
				-20	3.85	28.768	0.0167	-2.5 to 2.5	Pass
				-10	3.85	30.441	0.0177	-2.5 to 2.5	Pass
				0	3.85	8.039	0.0047	-2.5 to 2.5	Pass
				10	3.85	18.239	0.0106	-2.5 to 2.5	Pass
				30	3.85	22.717	0.0132	-2.5 to 2.5	Pass
				40	3.85	21.100	0.0123	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	1.388	0.0008	-2.5 to 2.5	Pass
					3.85	-20.599	-0.0118	-2.5 to 2.5	Pass
					4.43	-21.687	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-22.659	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-22.588	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-19.498	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-14.319	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-17.810	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-13.804	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-12.403	-0.0071	-2.5 to 2.5	Pass

				50	3.85	-12.832	-0.0074	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	18.053	0.0102	-2.5 to 2.5	Pass
					3.85	5.550	0.0031	-2.5 to 2.5	Pass
					4.43	25.992	0.0147	-2.5 to 2.5	Pass
				-30	3.85	24.505	0.0138	-2.5 to 2.5	Pass
				-20	3.85	3.805	0.0021	-2.5 to 2.5	Pass
				-10	3.85	32.115	0.0181	-2.5 to 2.5	Pass
				0	3.85	26.951	0.0152	-2.5 to 2.5	Pass
				10	3.85	13.204	0.0074	-2.5 to 2.5	Pass
				30	3.85	39.783	0.0224	-2.5 to 2.5	Pass
				40	3.85	20.499	0.0116	-2.5 to 2.5	Pass
				50	3.85	39.911	0.0225	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.087	0.0006	-2.5 to 2.5	Pass
					3.85	4.349	0.0025	-2.5 to 2.5	Pass
					4.43	-4.692	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-17.323	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-16.179	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-9.398	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-12.960	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-19.269	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-17.653	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-18.969	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-26.021	-0.0152	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-10.443	-0.0060	-2.5 to 2.5	Pass
					3.85	-18.497	-0.0106	-2.5 to 2.5	Pass
					4.43	-16.179	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-23.060	-0.0132	-2.5 to 2.5	Pass
				-20	3.85	-31.729	-0.0182	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-10.986	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-13.046	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-16.408	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-18.439	-0.0106	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	13.547	0.0076	-2.5 to 2.5	Pass
					3.85	12.317	0.0069	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-9.112	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-19.741	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-23.375	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-28.152	-0.0159	-2.5 to 2.5	Pass
				10	3.85	-30.398	-0.0171	-2.5 to 2.5	Pass
				30	3.85	-33.073	-0.0187	-2.5 to 2.5	Pass
				40	3.85	-27.938	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-31.900	-0.0180	-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	-28.424	-0.0165	-2.5 to 2.5	Pass
					3.85	-9.313	-0.0054	-2.5 to 2.5	Pass
					4.43	4.606	0.0027	-2.5 to 2.5	Pass
				-30	3.85	24.648	0.0143	-2.5 to 2.5	Pass
				-20	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass

				-10	3.85	8.183	0.0048	-2.5 to 2.5	Pass
				0	3.85	27.194	0.0158	-2.5 to 2.5	Pass
				10	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				30	3.85	9.956	0.0058	-2.5 to 2.5	Pass
				40	3.85	11.716	0.0068	-2.5 to 2.5	Pass
				50	3.85	14.548	0.0085	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	7.925	0.0045	-2.5 to 2.5	Pass
					3.85	-11.559	-0.0066	-2.5 to 2.5	Pass
					4.43	-13.576	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-16.365	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-11.029	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-11.616	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-19.598	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-20.428	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-24.219	-0.0139	-2.5 to 2.5	Pass
				40	3.85	-24.920	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-19.541	-0.0112	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	6.652	0.0038	-2.5 to 2.5	Pass
					3.85	1.502	0.0008	-2.5 to 2.5	Pass
					4.43	29.926	0.0169	-2.5 to 2.5	Pass
				-30	3.85	27.509	0.0155	-2.5 to 2.5	Pass
				-20	3.85	14.191	0.0080	-2.5 to 2.5	Pass
				-10	3.85	40.698	0.0230	-2.5 to 2.5	Pass
				0	3.85	28.453	0.0161	-2.5 to 2.5	Pass
				10	3.85	26.836	0.0152	-2.5 to 2.5	Pass
				30	3.85	17.653	0.0100	-2.5 to 2.5	Pass
				40	3.85	31.414	0.0177	-2.5 to 2.5	Pass
				50	3.85	24.233	0.0137	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	19.555	0.0114	-2.5 to 2.5	Pass
					3.85	15.850	0.0092	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-22.659	-0.0132	-2.5 to 2.5	Pass
				-20	3.85	-32.887	-0.0191	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-15.635	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-24.877	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-32.043	-0.0186	-2.5 to 2.5	Pass
				40	3.85	-34.547	-0.0201	-2.5 to 2.5	Pass
				50	3.85	-39.811	-0.0231	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-23.074	-0.0132	-2.5 to 2.5	Pass
					3.85	-26.722	-0.0153	-2.5 to 2.5	Pass
					4.43	-37.236	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-7.138	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-15.035	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-10.257	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-13.533	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-14.048	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-16.794	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-23.603	-0.0135	-2.5 to 2.5	Pass
				50	3.85	-23.861	-0.0137	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	16.079	0.0091	-2.5 to 2.5	Pass
					3.85	13.719	0.0078	-2.5 to 2.5	Pass
					4.43	-11.144	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-19.541	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-26.965	-0.0152	-2.5 to 2.5	Pass
				-10	3.85	-33.288	-0.0188	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass

				30	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0010	-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

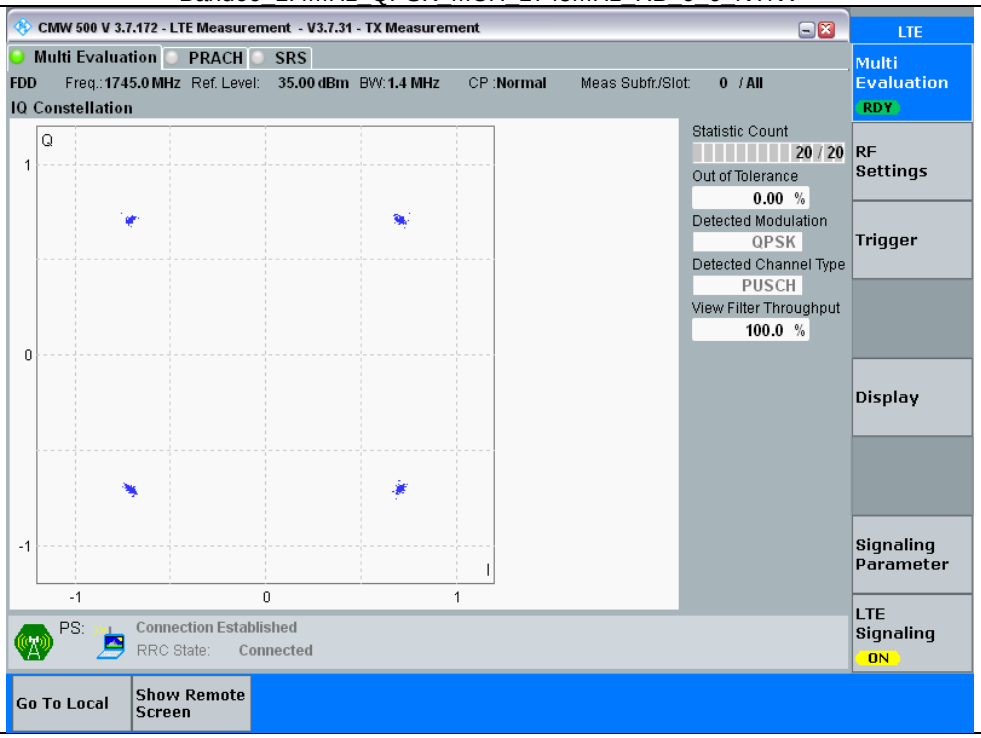
3.1.6 B66_20MHz

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

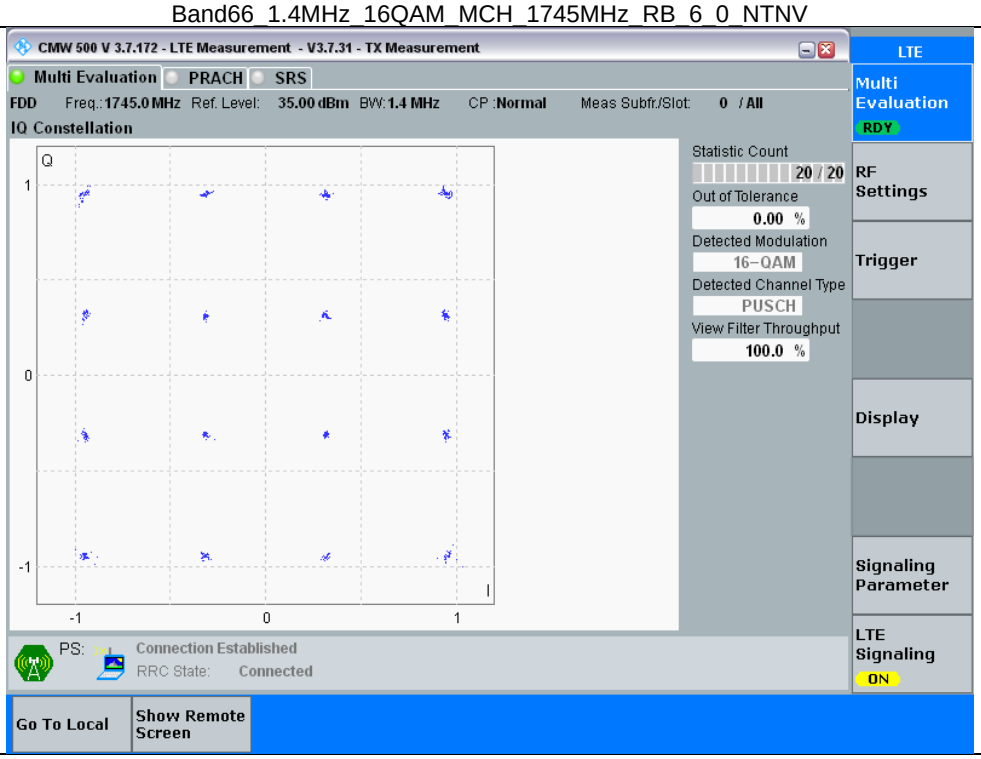
3.2 Test Graph

3.2.1 B66_1.4MHz

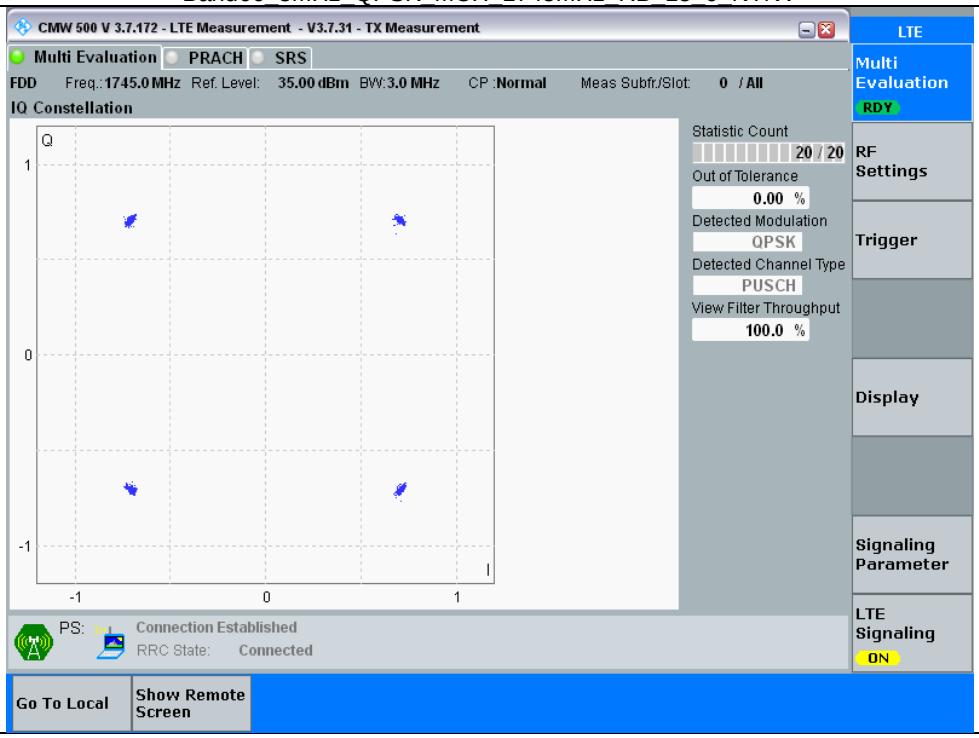
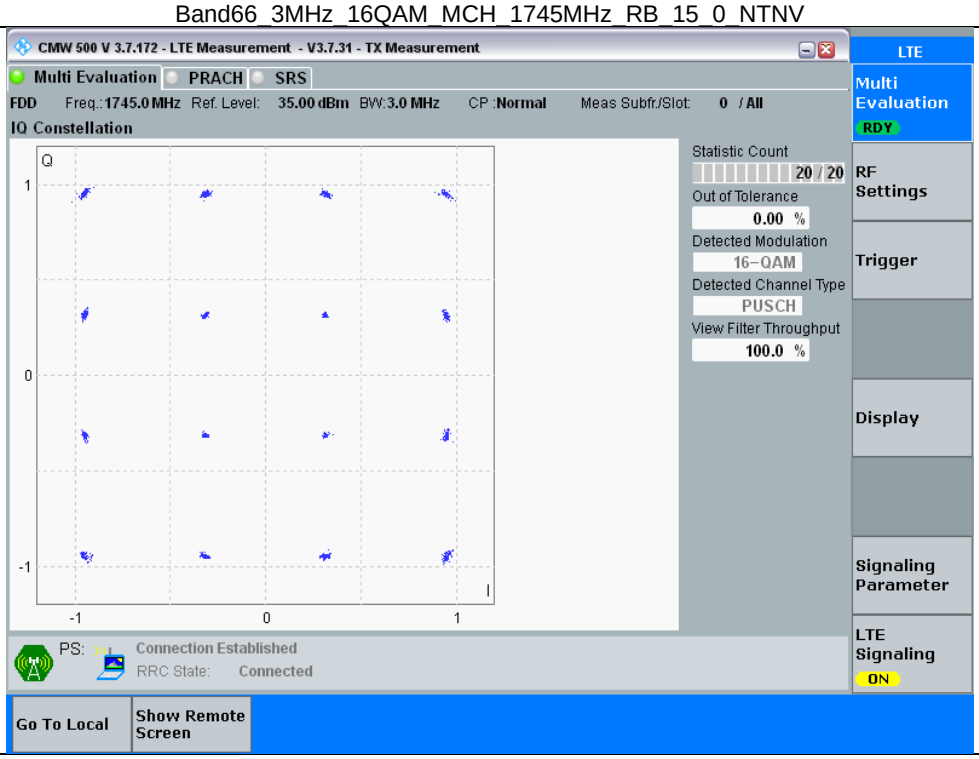
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



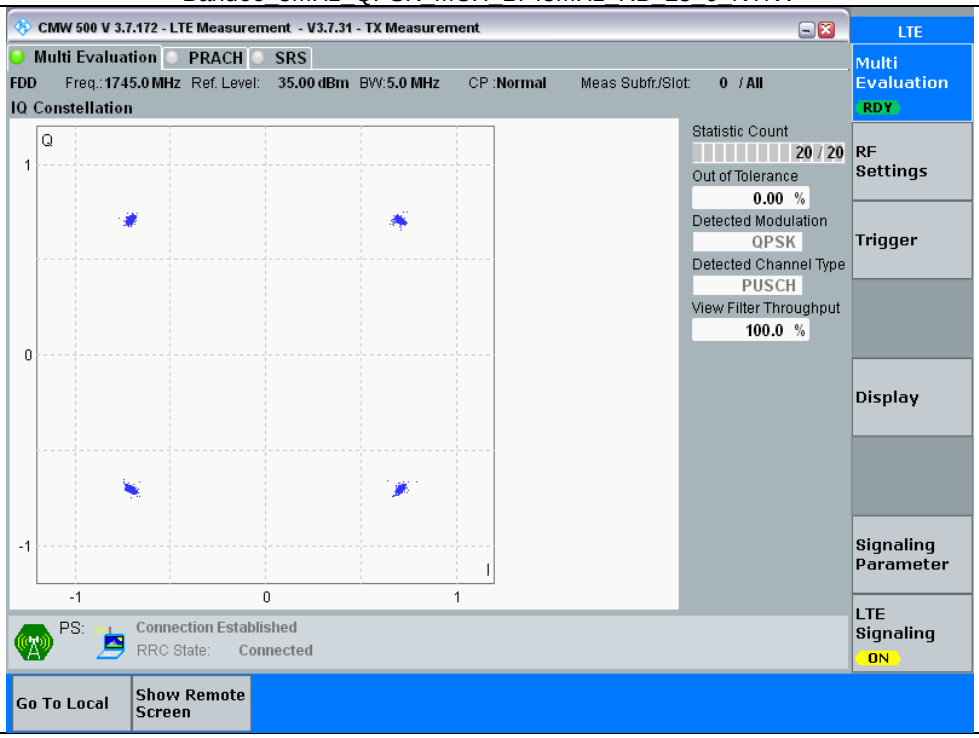
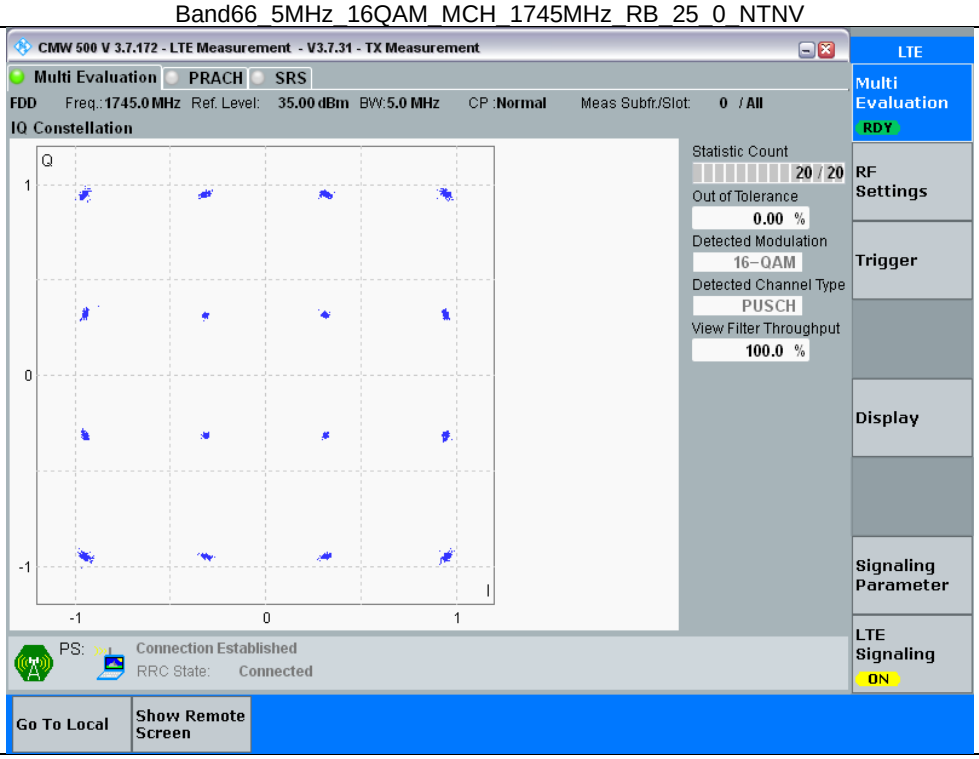
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



3.2.2 B66_3MHz

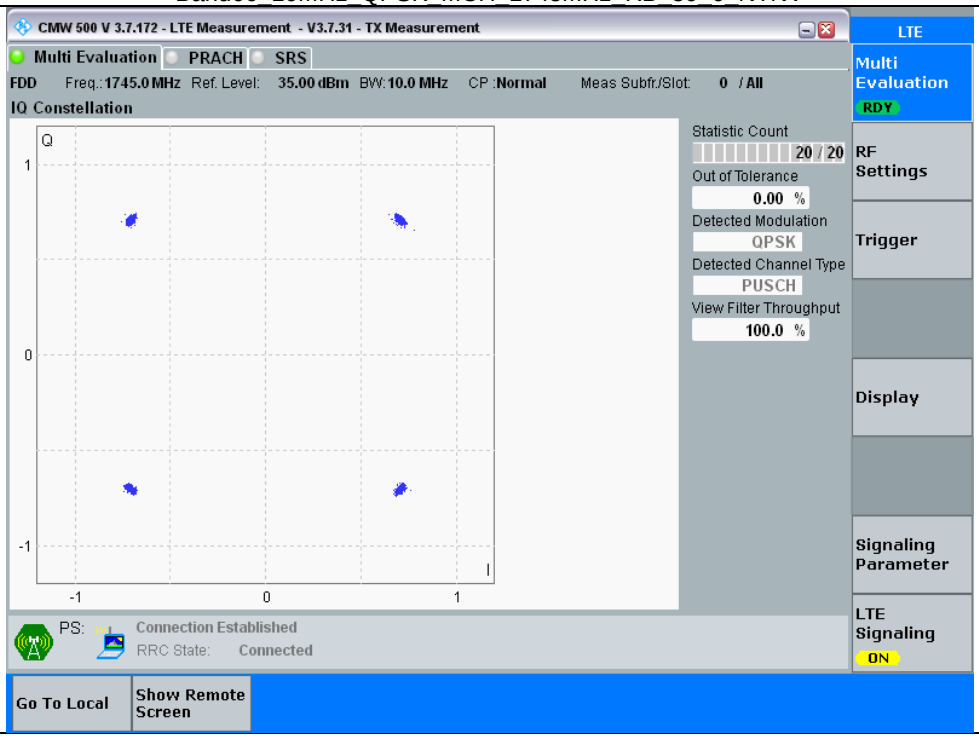
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV


3.2.3 B66_5MHz

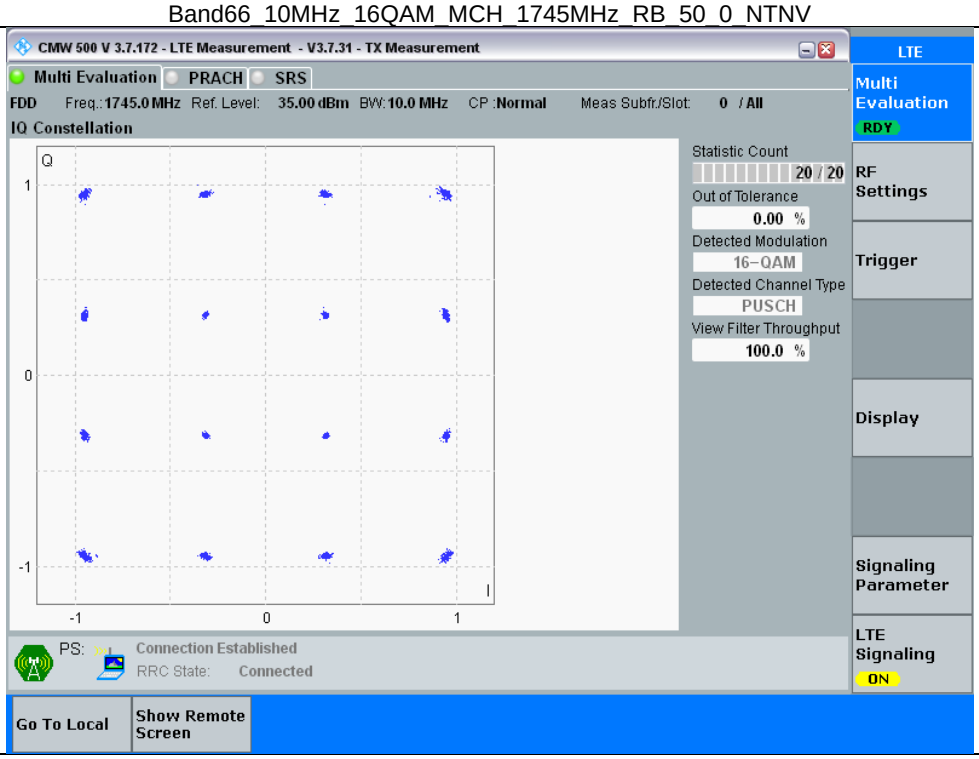
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV


3.2.4 B66_10MHz

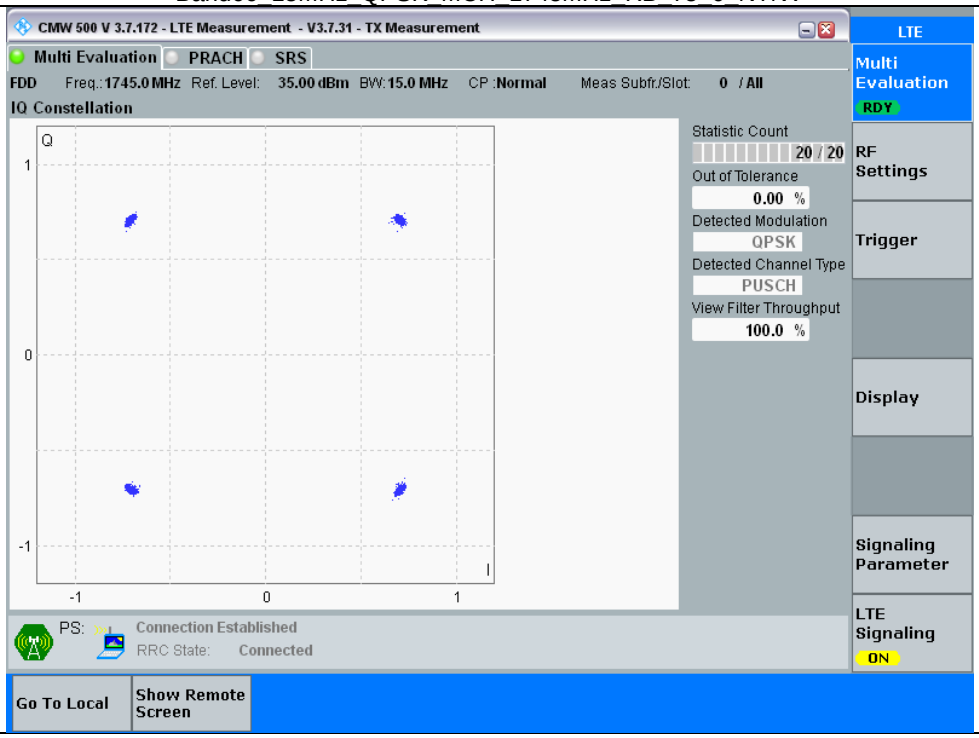
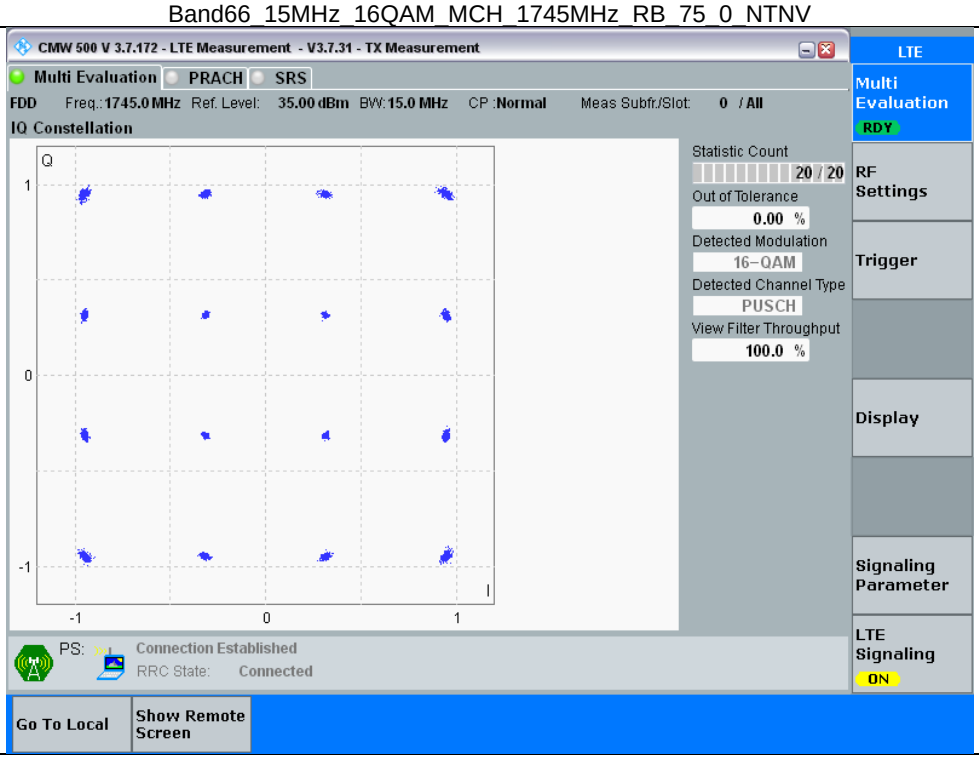
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

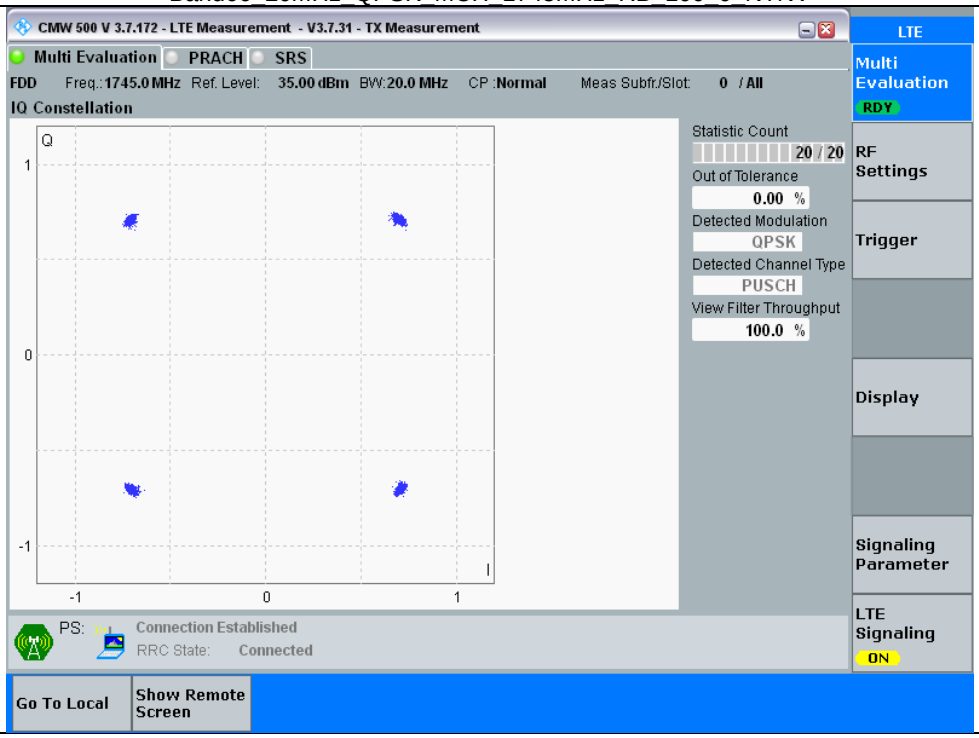


3.2.5 B66_15MHz

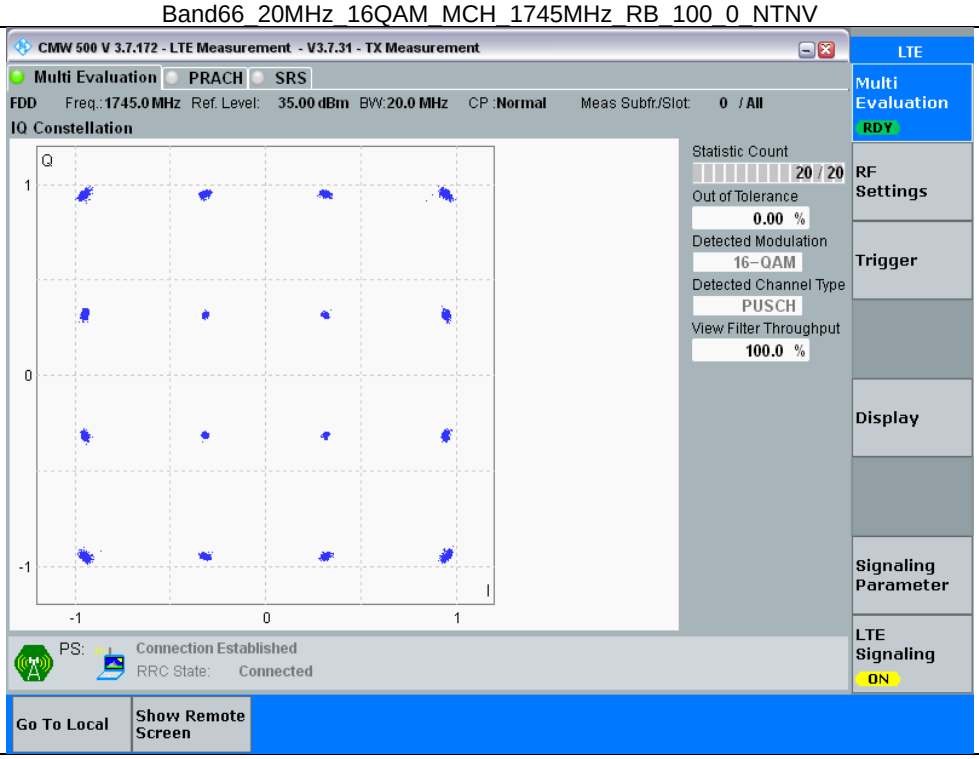
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

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	1.120	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.112	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1745	6	0	1.110	/	Pass
		1779.3	6	0	1.122	/	Pass
3	QPSK	1711.5	15	0	2.753	/	Pass
		1745	15	0	2.744	/	Pass
		1778.5	15	0	2.752	/	Pass
	16QAM	1711.5	15	0	2.762	/	Pass
		1745	15	0	2.755	/	Pass
		1778.5	15	0	2.763	/	Pass
5	QPSK	1712.5	25	0	4.557	/	Pass
		1745	25	0	4.548	/	Pass
		1777.5	25	0	4.537	/	Pass
	16QAM	1712.5	25	0	4.543	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.570	/	Pass
10	QPSK	1715	50	0	9.066	/	Pass
		1745	50	0	9.082	/	Pass
		1775	50	0	9.047	/	Pass
	16QAM	1715	50	0	9.061	/	Pass
		1745	50	0	9.053	/	Pass
		1775	50	0	9.082	/	Pass
15	QPSK	1717.5	75	0	13.612	/	Pass
		1745	75	0	13.598	/	Pass
		1772.5	75	0	13.597	/	Pass
	16QAM	1717.5	75	0	13.590	/	Pass
		1745	75	0	13.633	/	Pass
		1772.5	75	0	13.623	/	Pass
20	QPSK	1720	100	0	18.200	/	Pass
		1745	100	0	18.163	/	Pass
		1770	100	0	18.182	/	Pass
	16QAM	1720	100	0	18.243	/	Pass
		1745	100	0	18.163	/	Pass
		1770	100	0	18.206	/	Pass

4.1.2 Band66_XDB

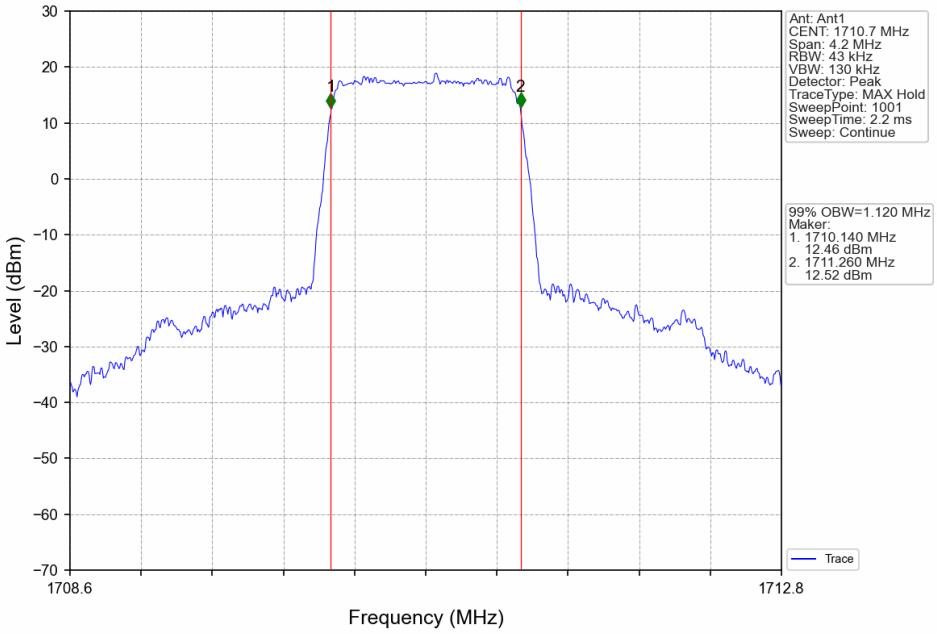
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.269	/	Pass

		1745	6	0	1.274	/	Pass
		1779.3	6	0	1.280	/	Pass
	16QAM	1710.7	6	0	1.276	/	Pass
		1745	6	0	1.271	/	Pass
		1779.3	6	0	1.282	/	Pass
3	QPSK	1711.5	15	0	3.098	/	Pass
		1745	15	0	3.105	/	Pass
		1778.5	15	0	3.112	/	Pass
	16QAM	1711.5	15	0	3.113	/	Pass
		1745	15	0	3.086	/	Pass
		1778.5	15	0	3.085	/	Pass
5	QPSK	1712.5	25	0	5.014	/	Pass
		1745	25	0	5.025	/	Pass
		1777.5	25	0	5.061	/	Pass
	16QAM	1712.5	25	0	5.047	/	Pass
		1745	25	0	5.054	/	Pass
		1777.5	25	0	5.081	/	Pass
10	QPSK	1715	50	0	10.051	/	Pass
		1745	50	0	10.048	/	Pass
		1775	50	0	10.083	/	Pass
	16QAM	1715	50	0	10.076	/	Pass
		1745	50	0	10.048	/	Pass
		1775	50	0	10.062	/	Pass
15	QPSK	1717.5	75	0	15.223	/	Pass
		1745	75	0	15.213	/	Pass
		1772.5	75	0	15.187	/	Pass
	16QAM	1717.5	75	0	15.233	/	Pass
		1745	75	0	15.156	/	Pass
		1772.5	75	0	15.230	/	Pass
20	QPSK	1720	100	0	20.041	/	Pass
		1745	100	0	20.195	/	Pass
		1770	100	0	20.019	/	Pass
	16QAM	1720	100	0	20.052	/	Pass
		1745	100	0	20.002	/	Pass
		1770	100	0	20.080	/	Pass

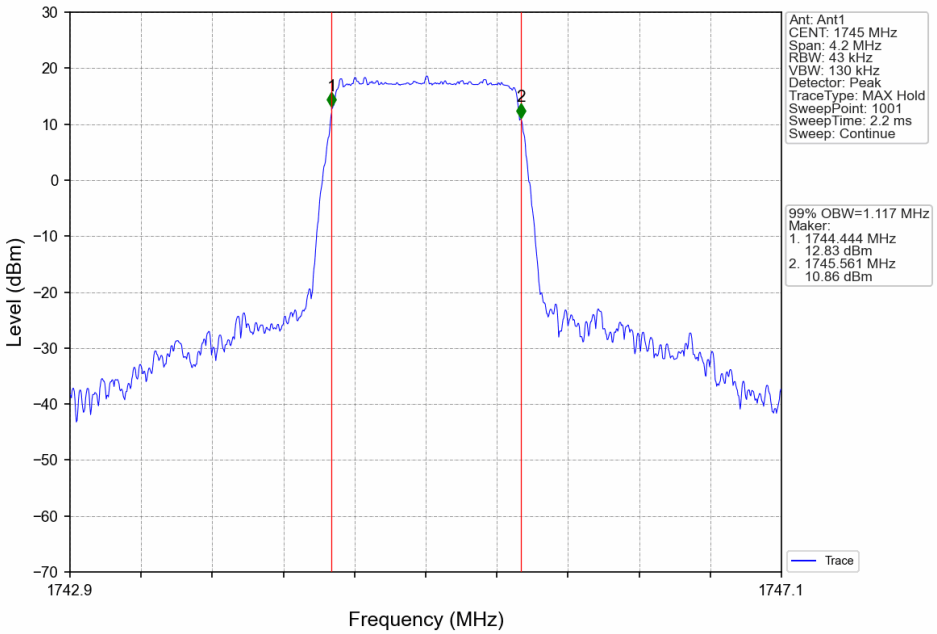
4.2 Test Graph

4.2.1 Band66_OBW

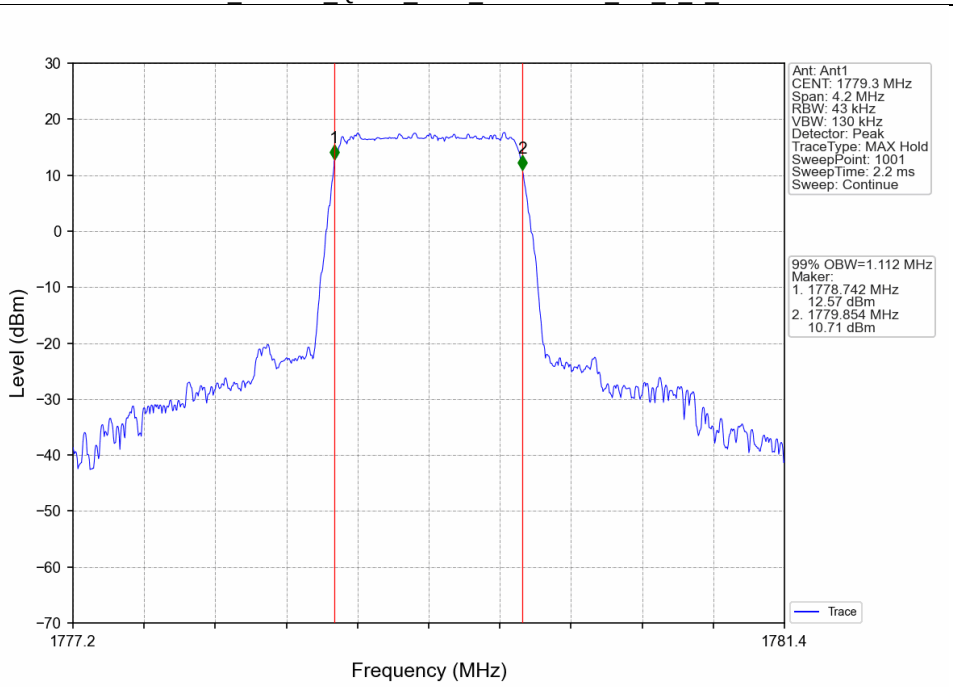
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



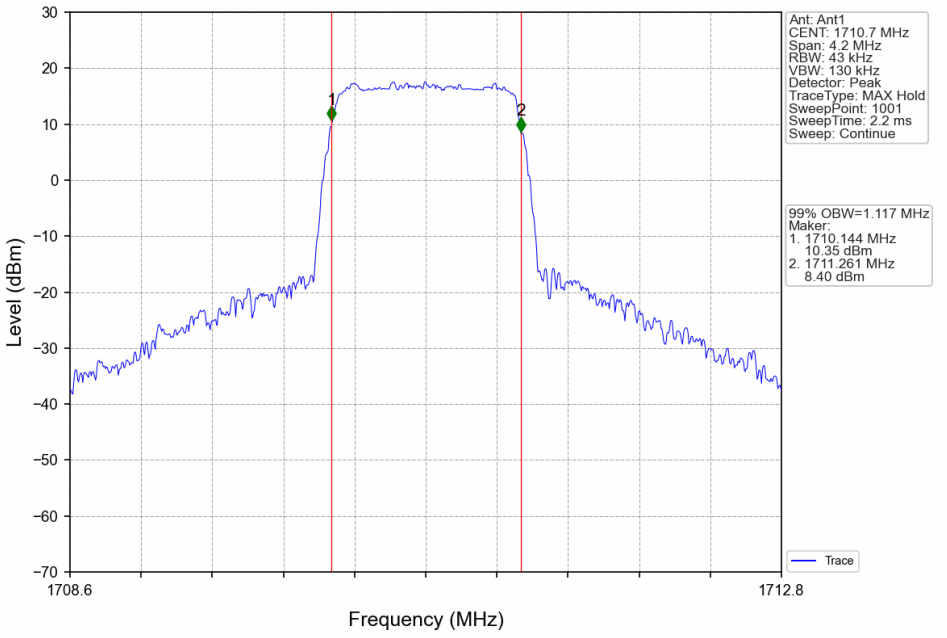
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



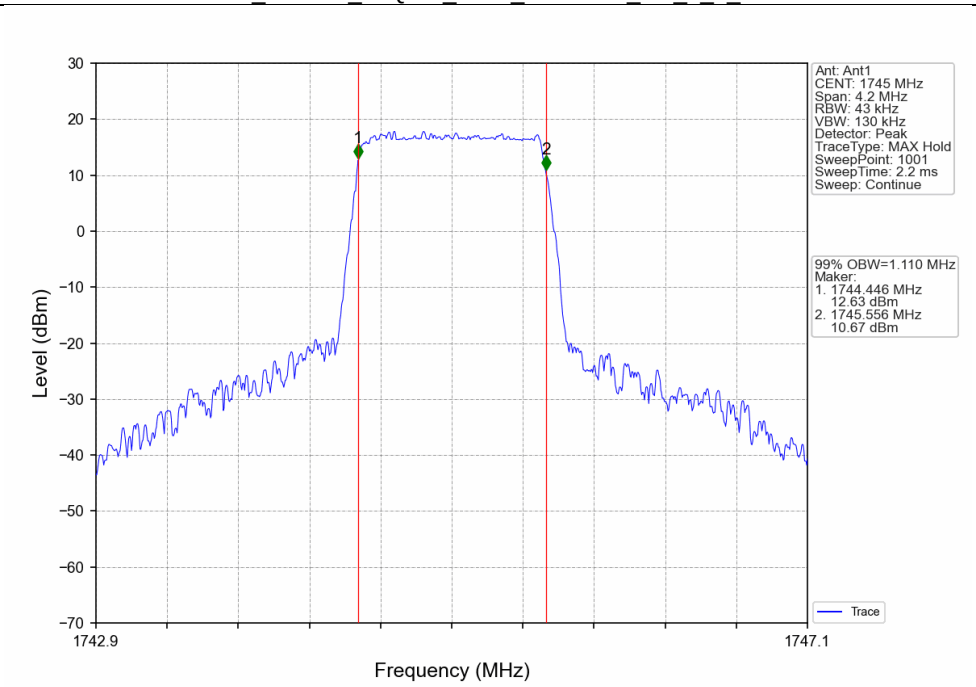
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



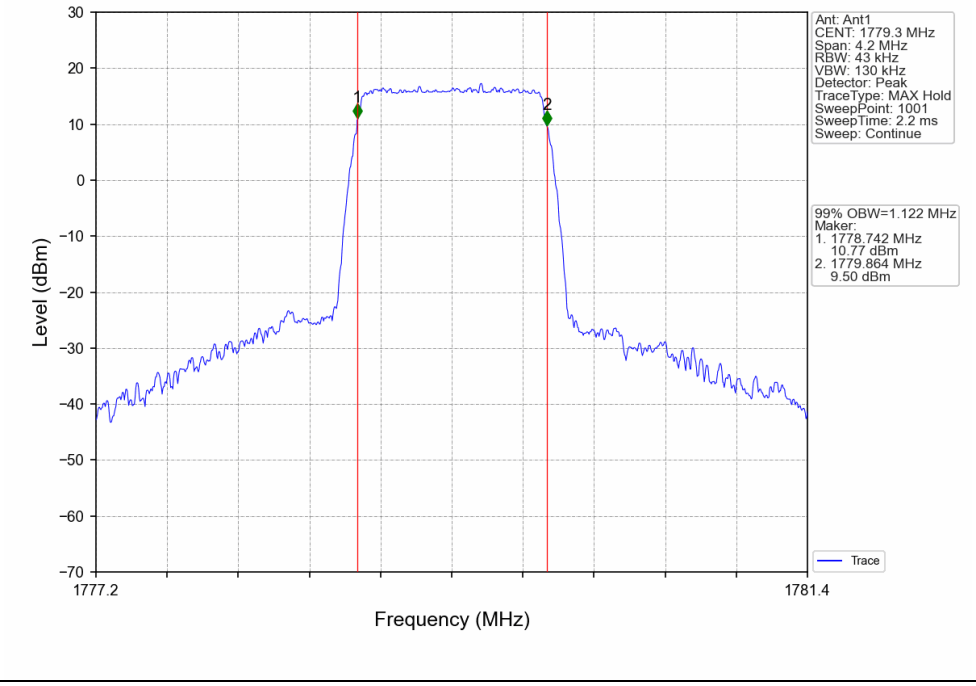
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



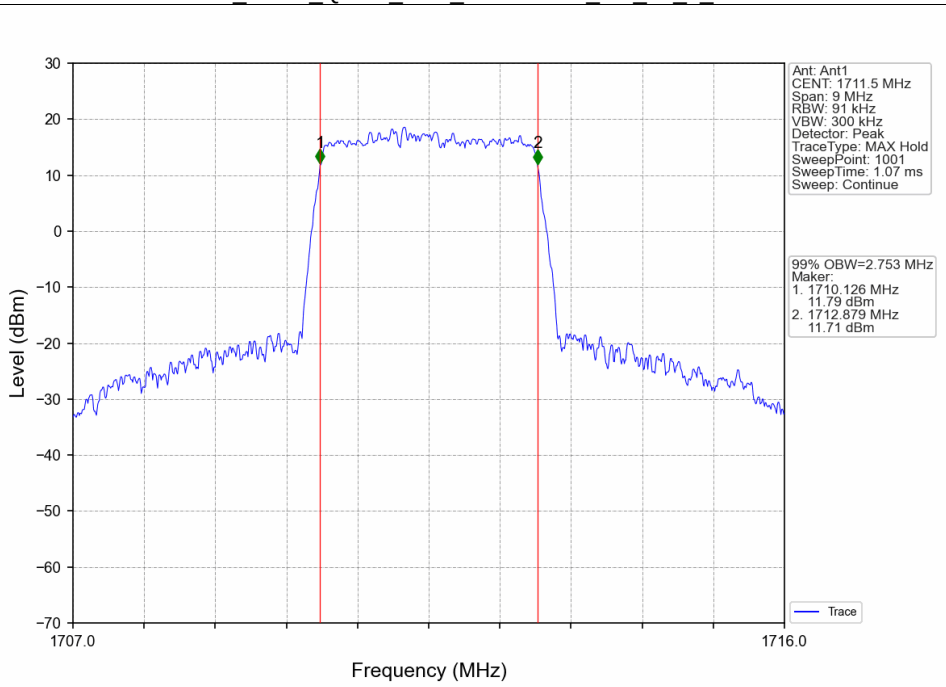
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



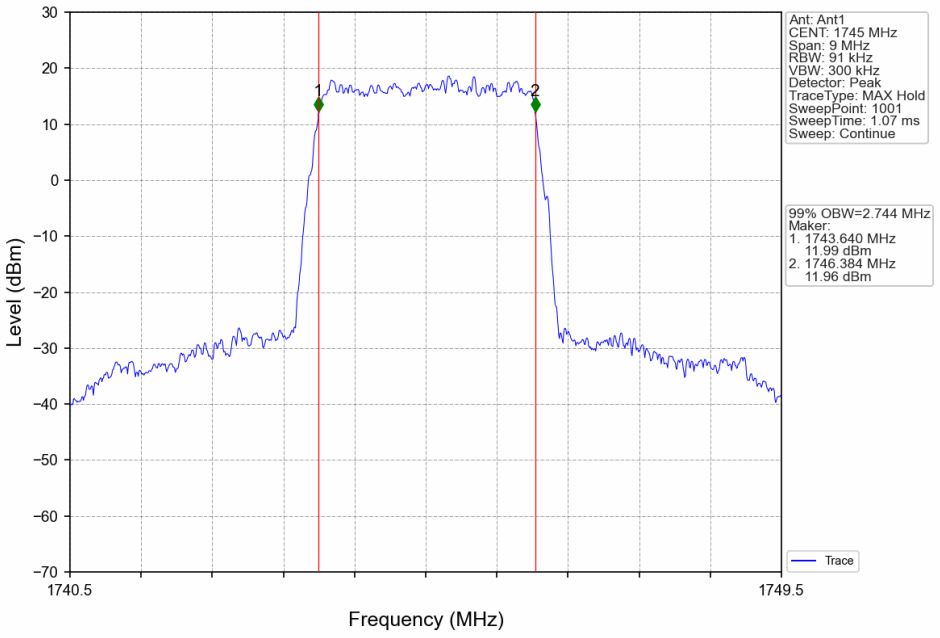
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



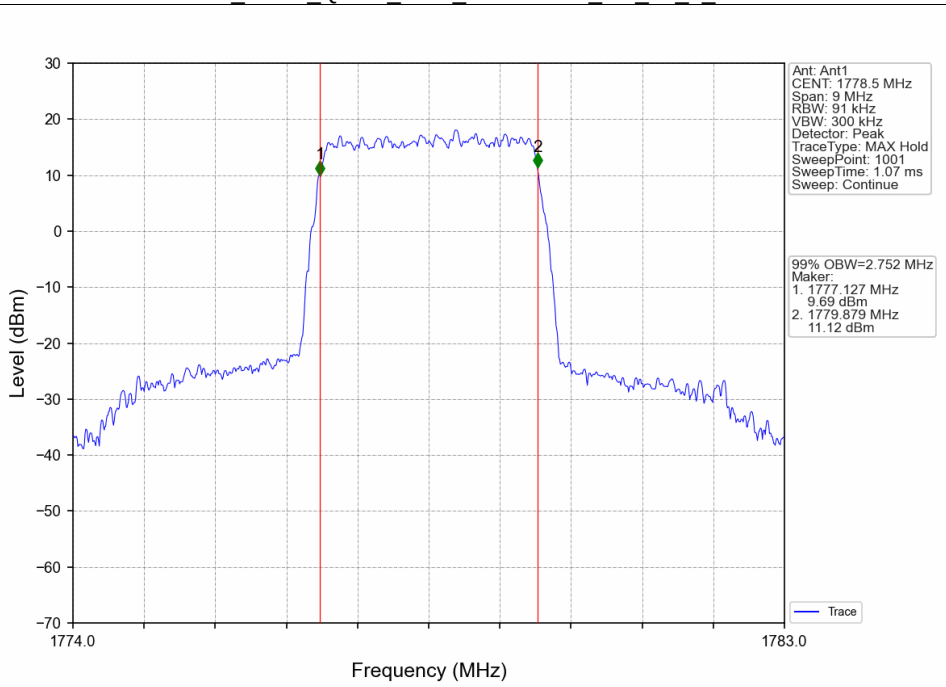
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



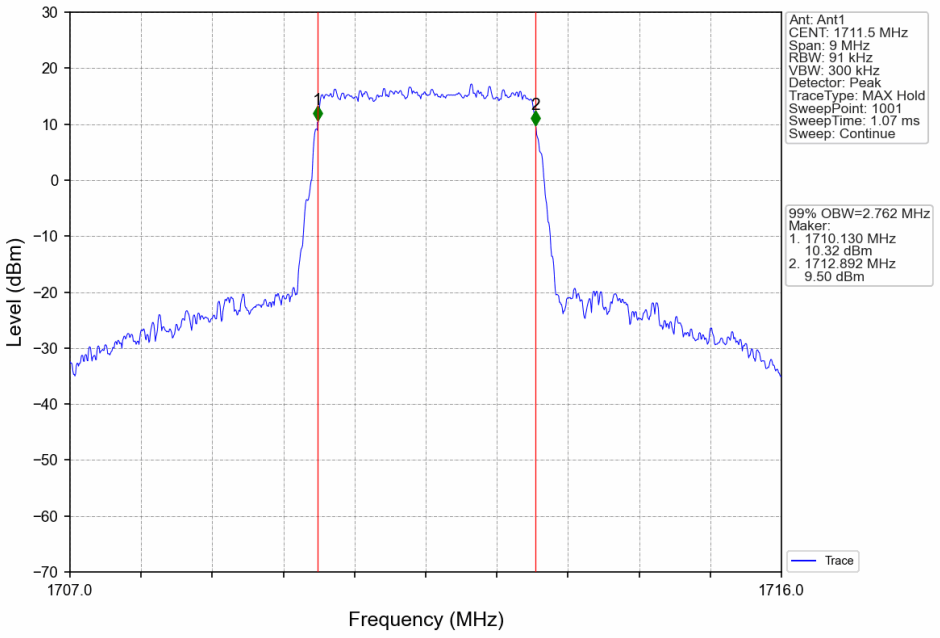
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



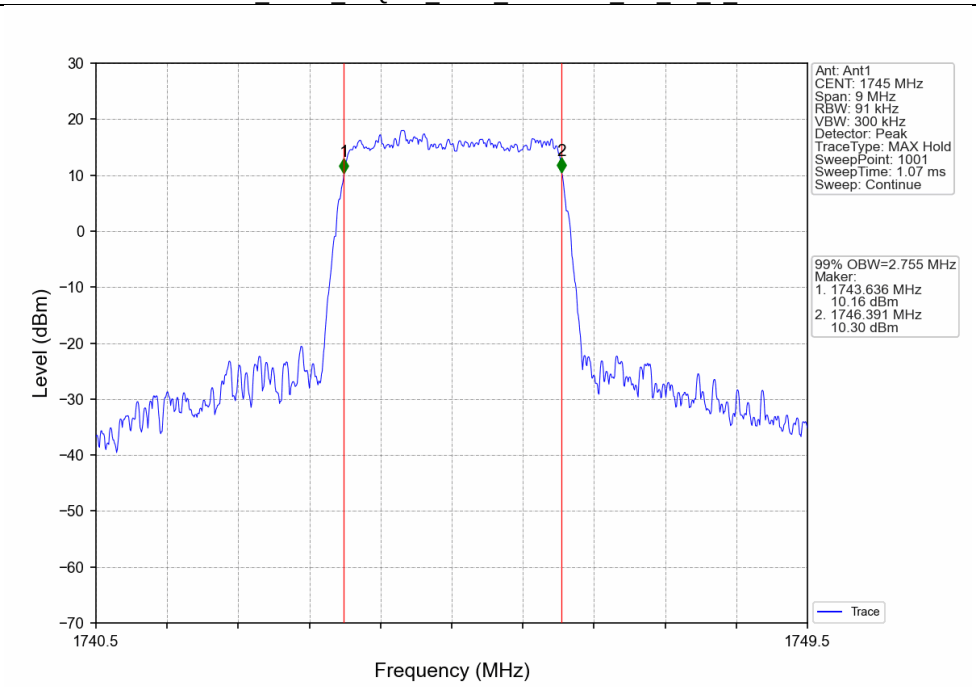
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



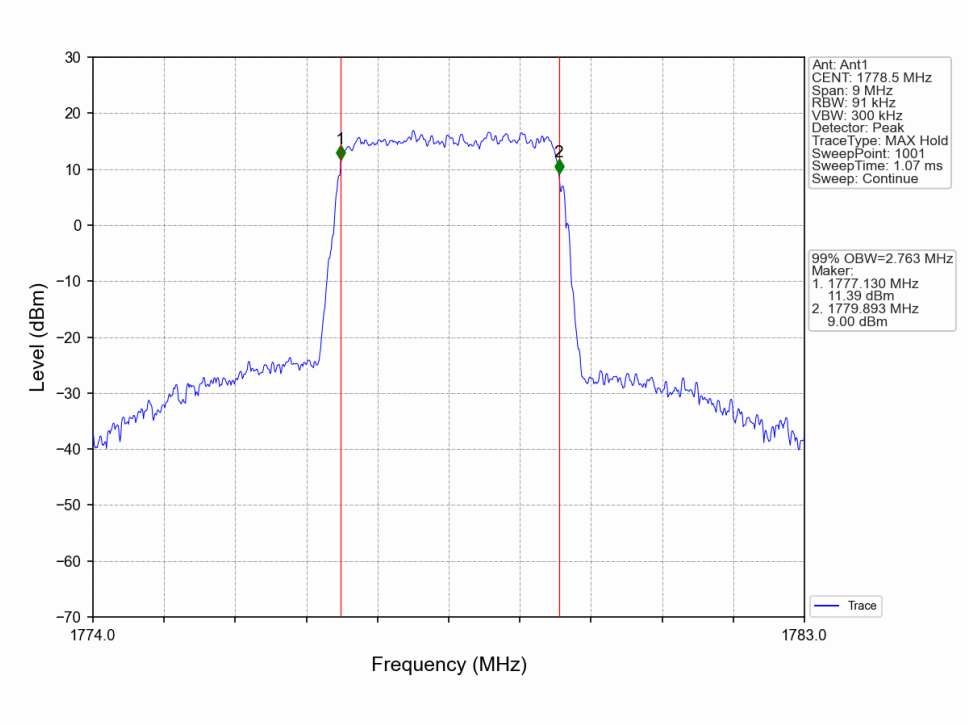
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



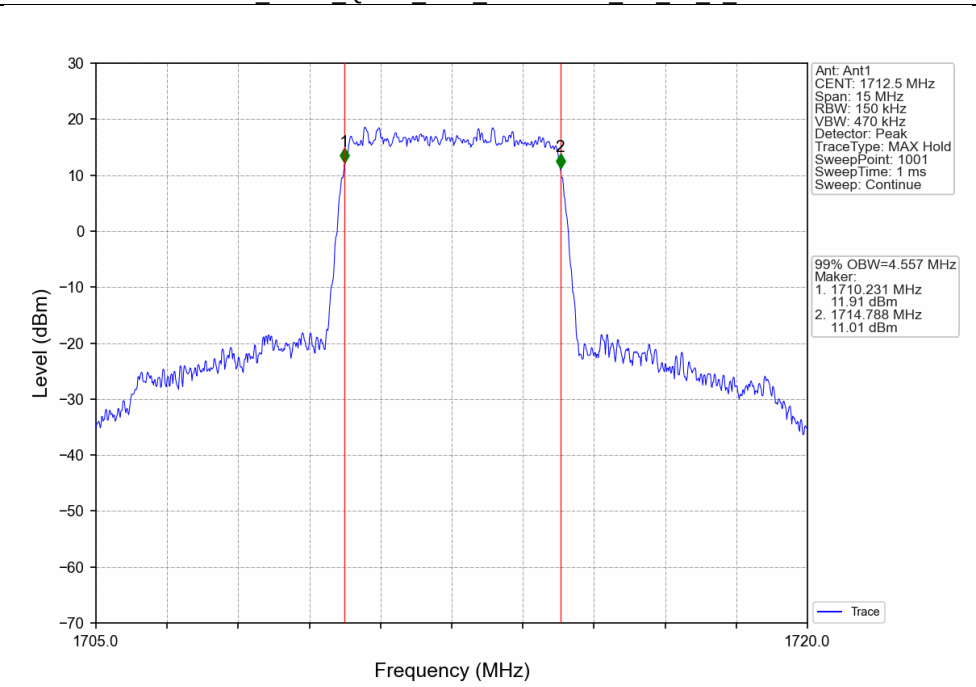
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



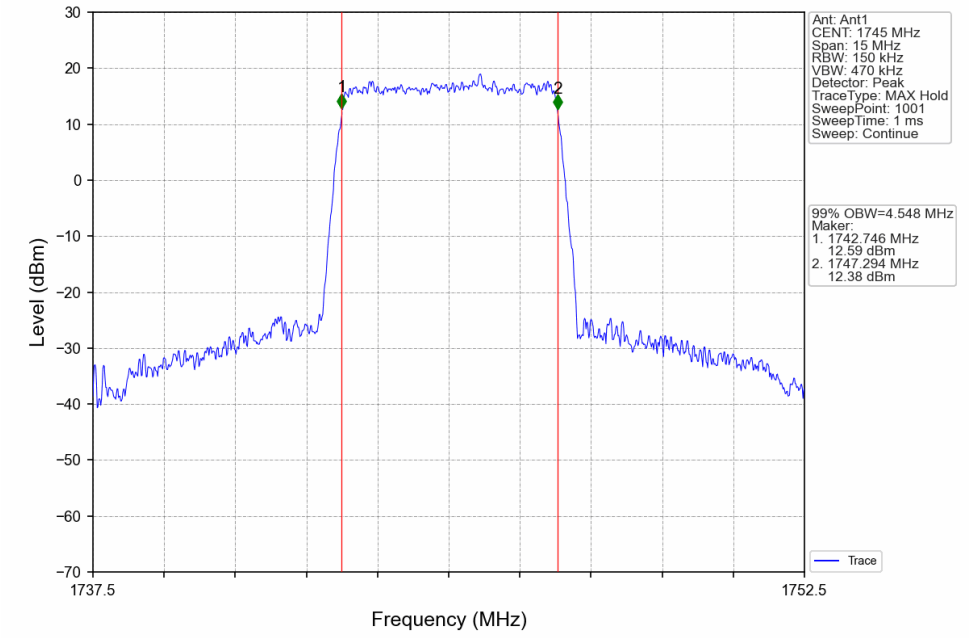
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



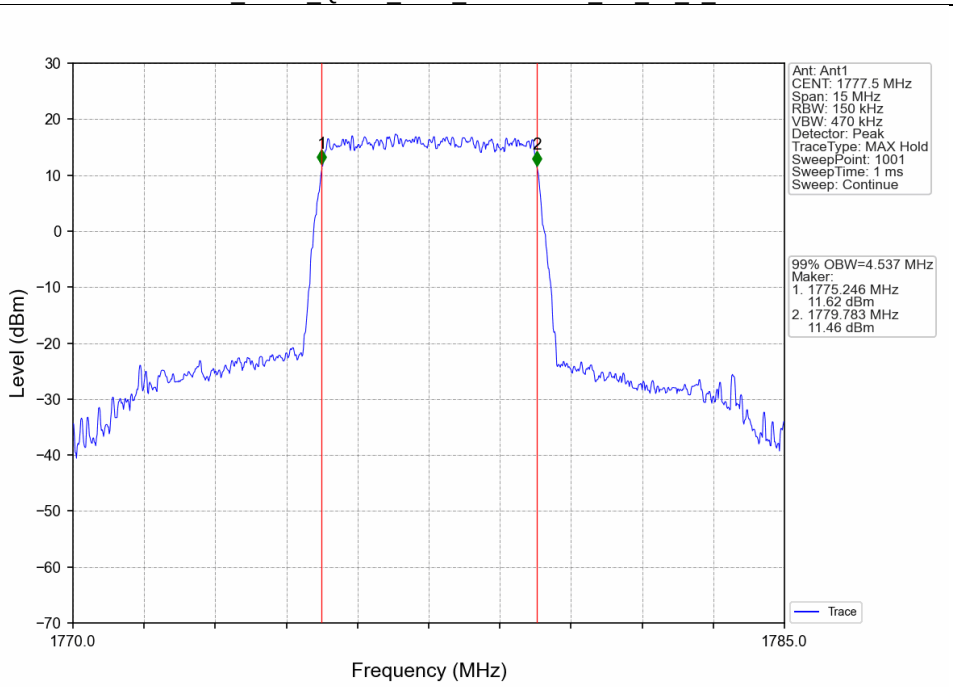
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



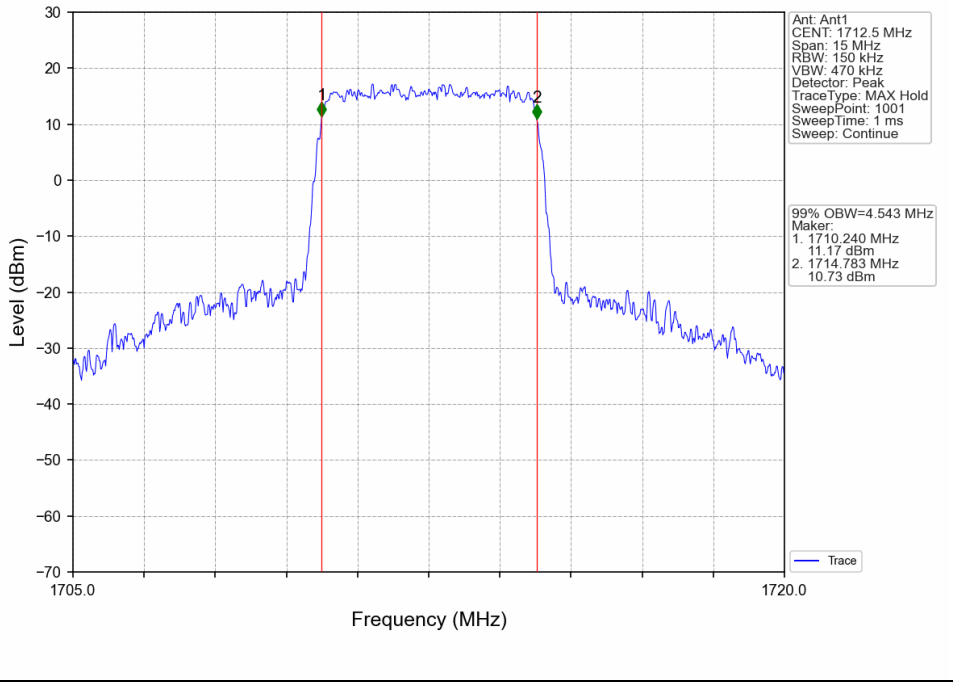
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



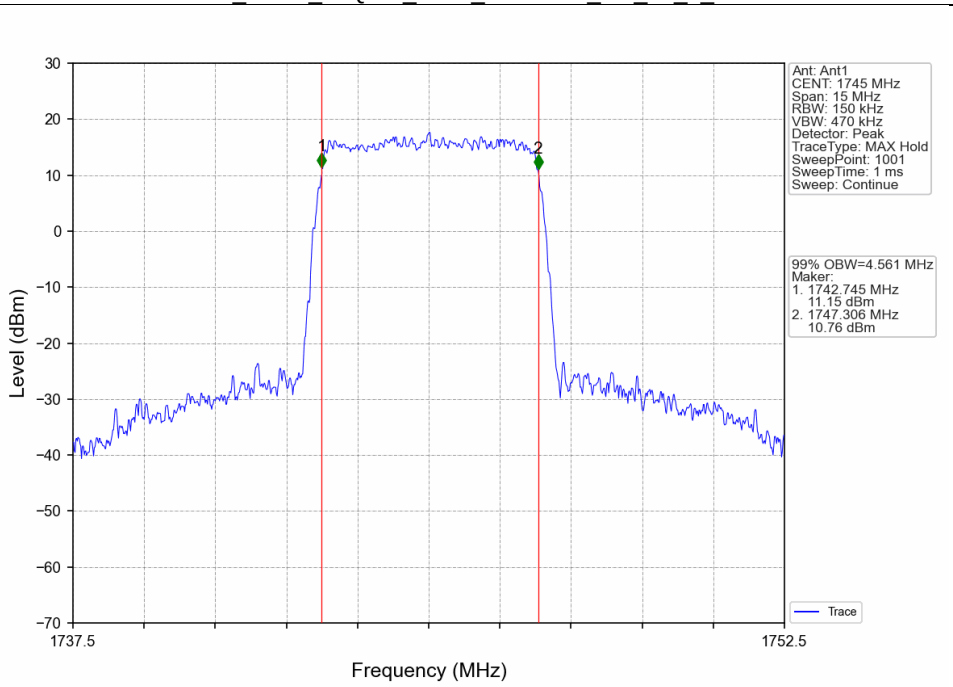
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



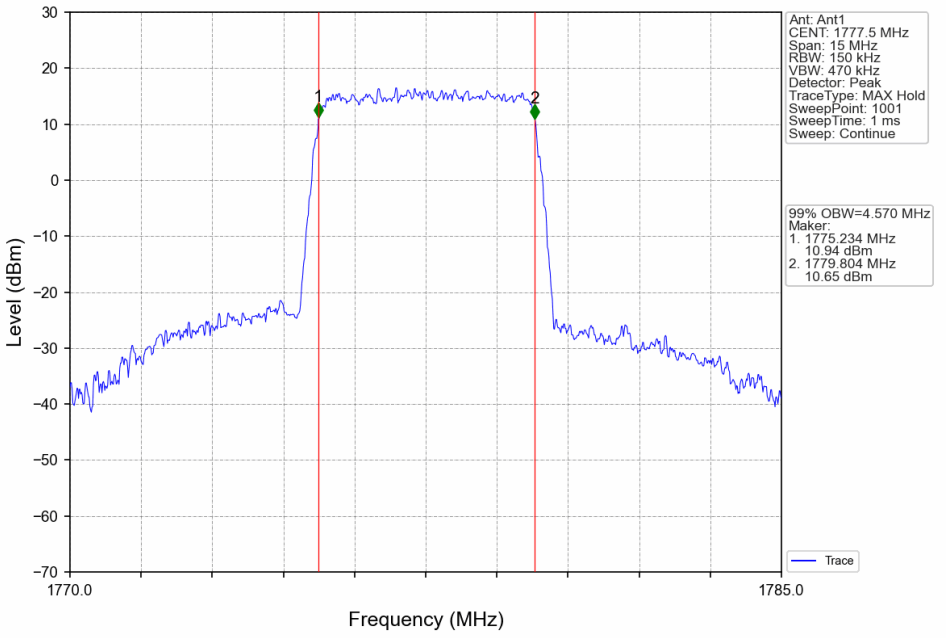
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



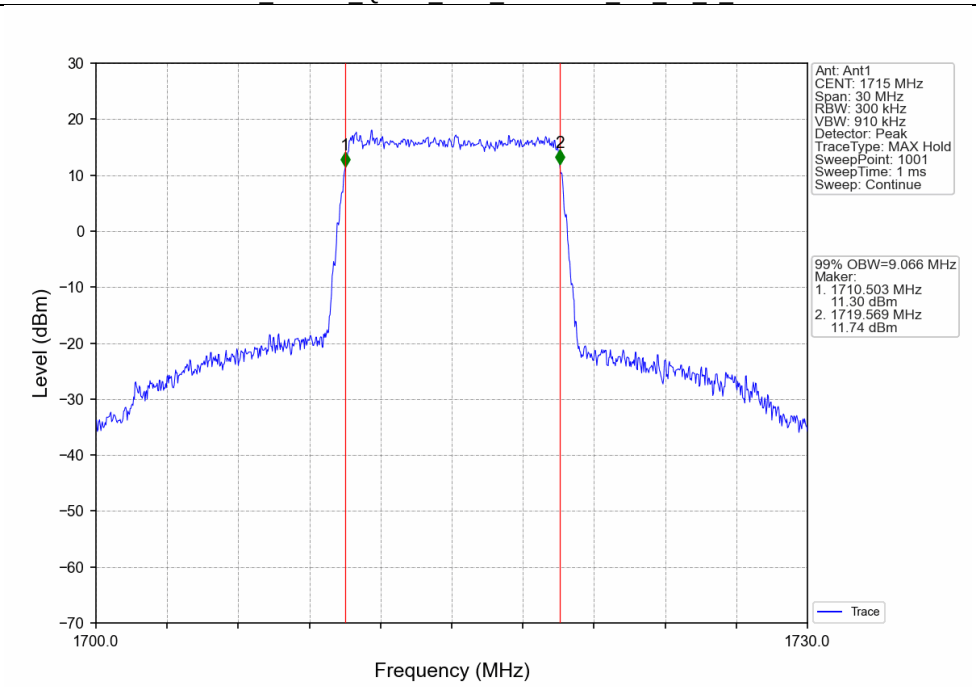
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



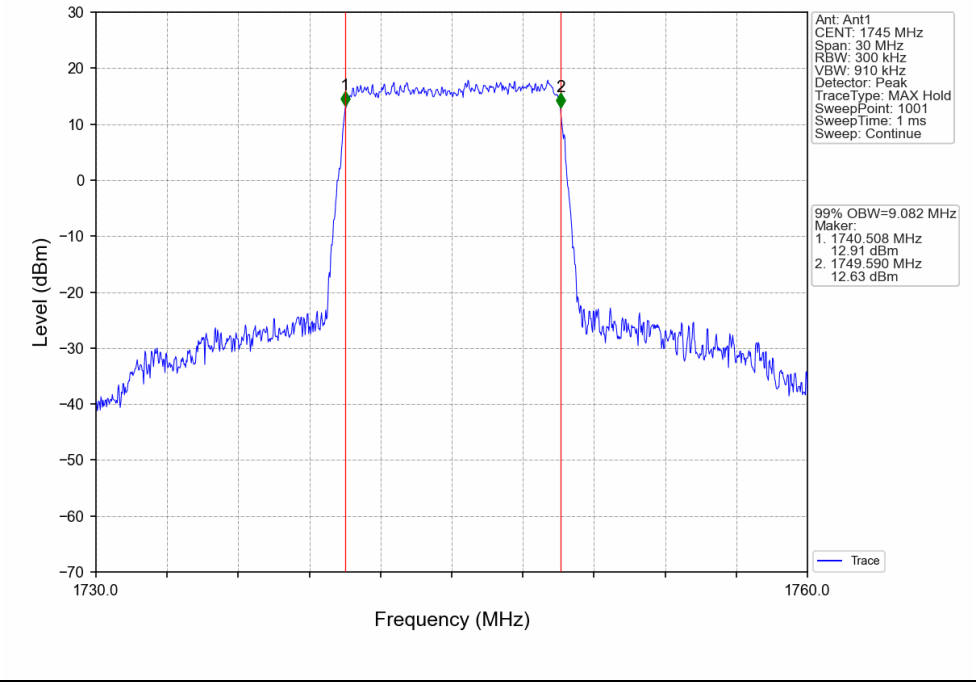
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



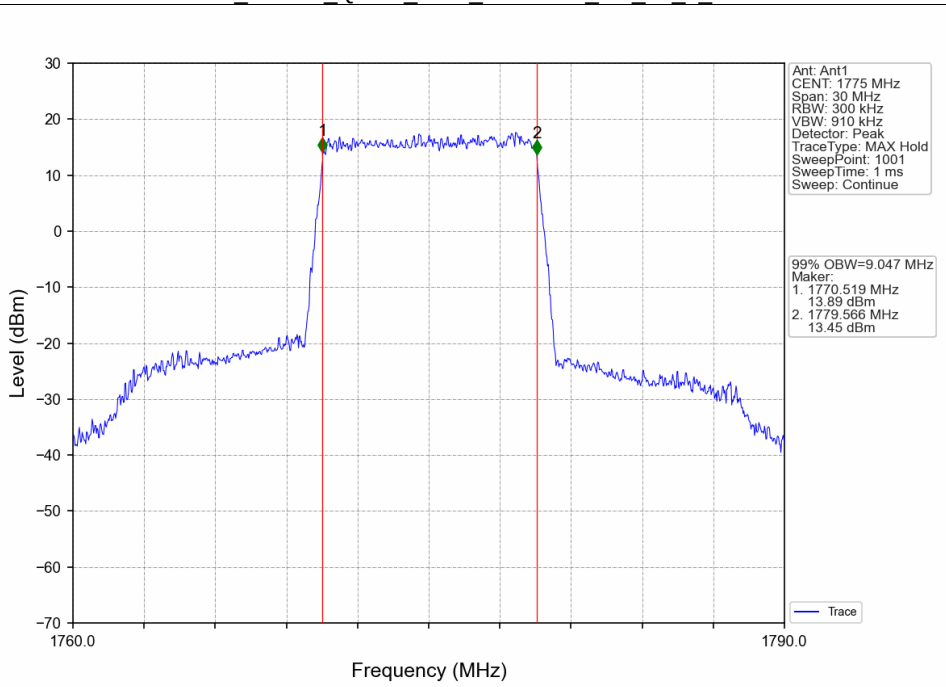
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



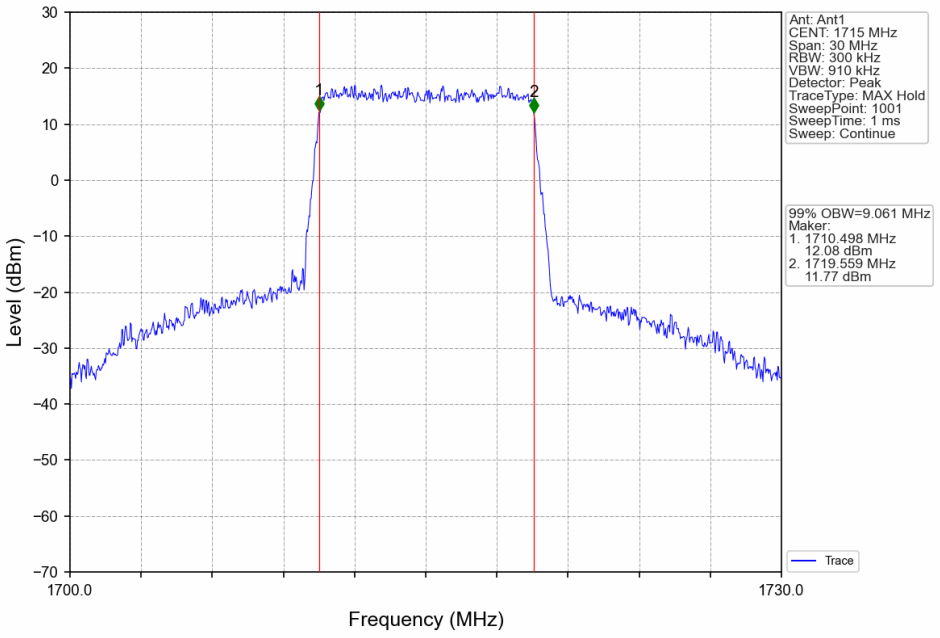
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



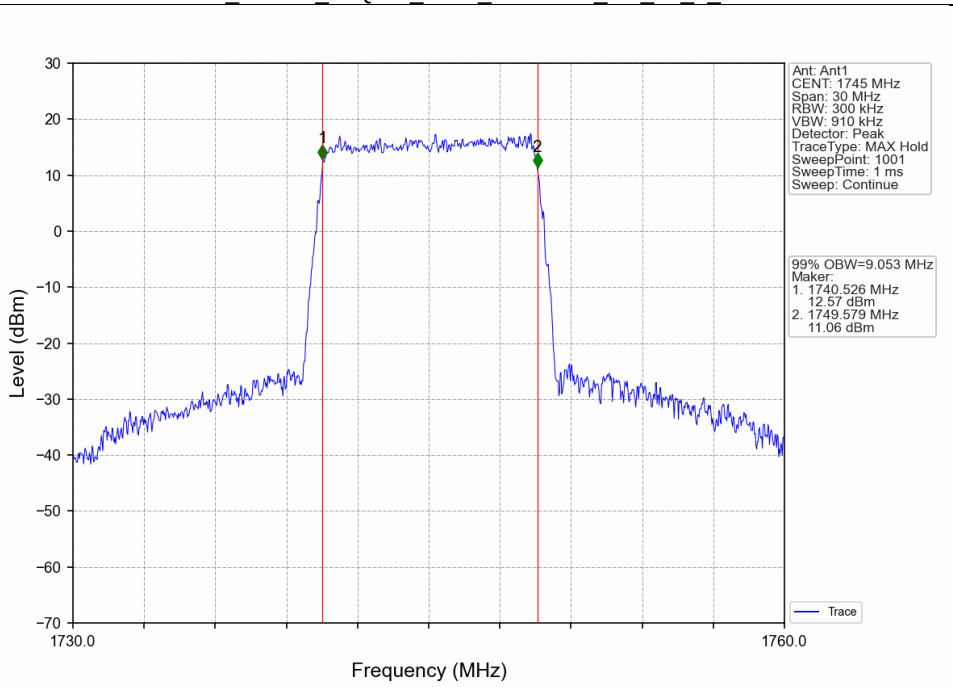
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



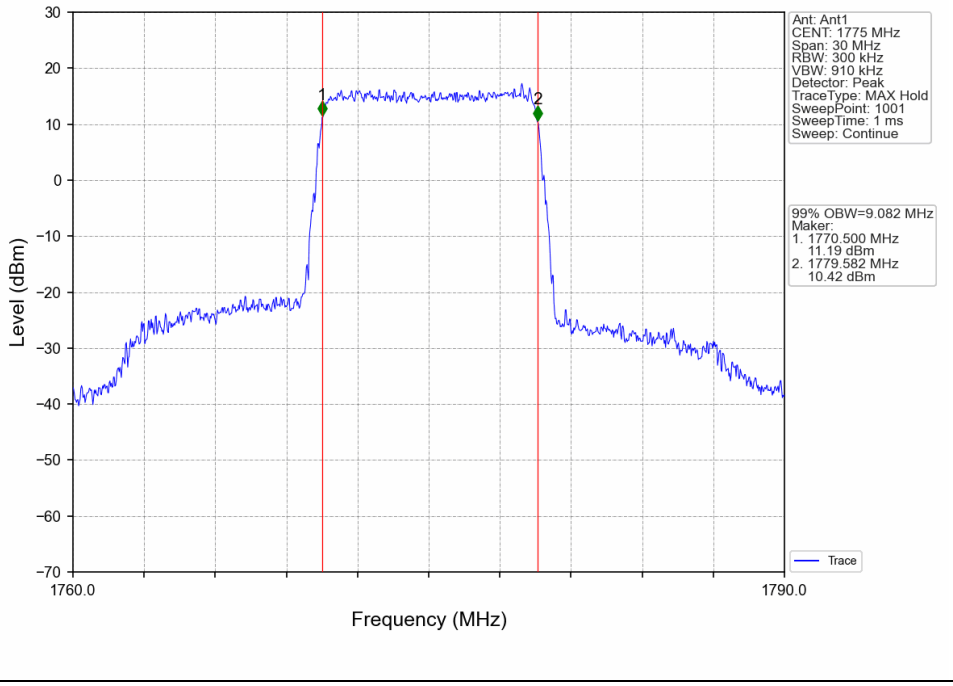
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



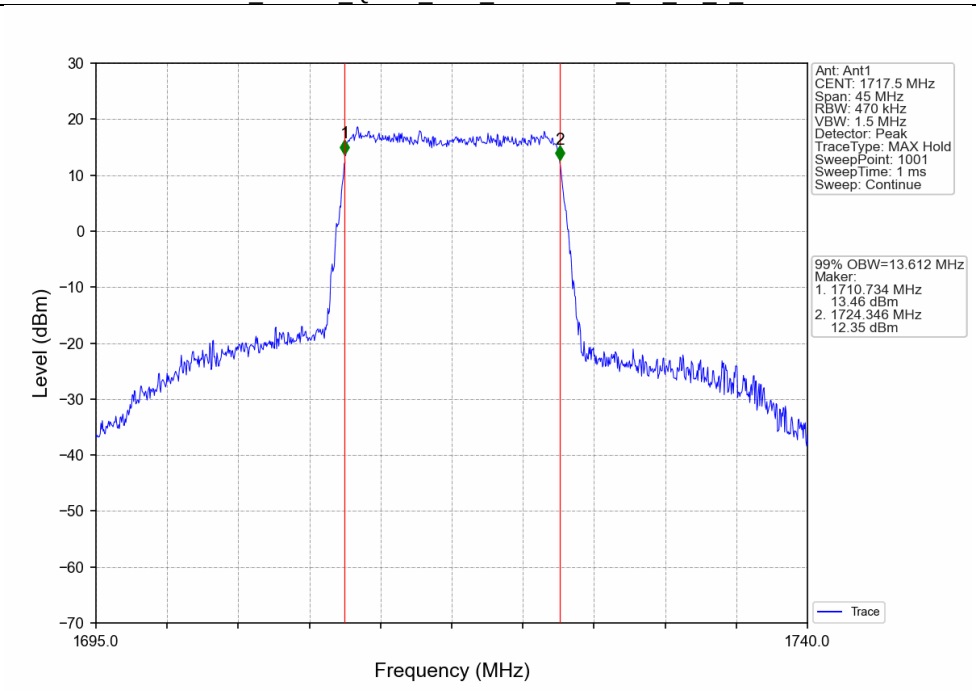
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



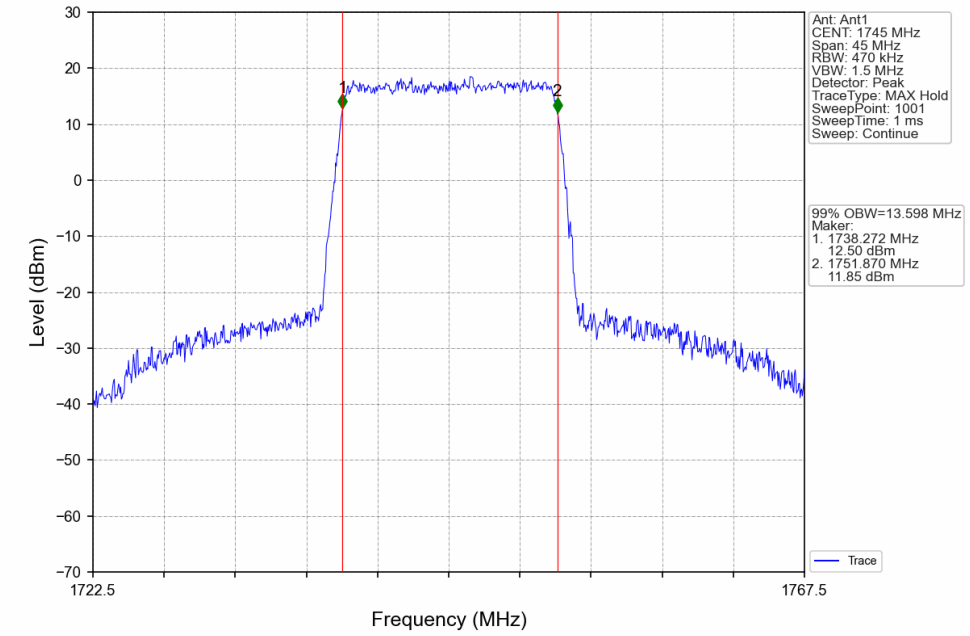
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



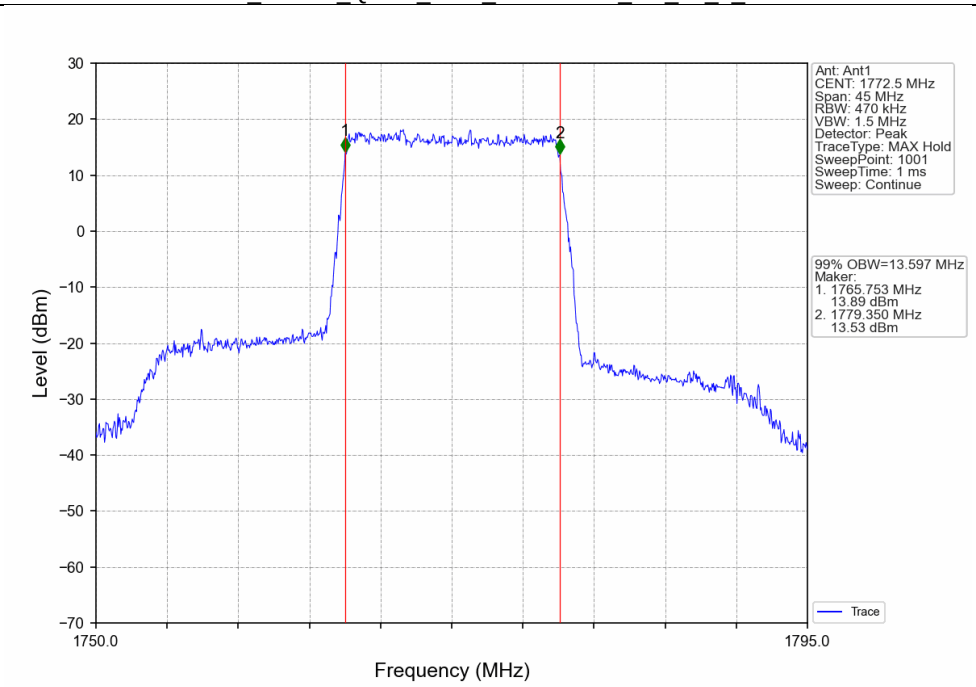
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



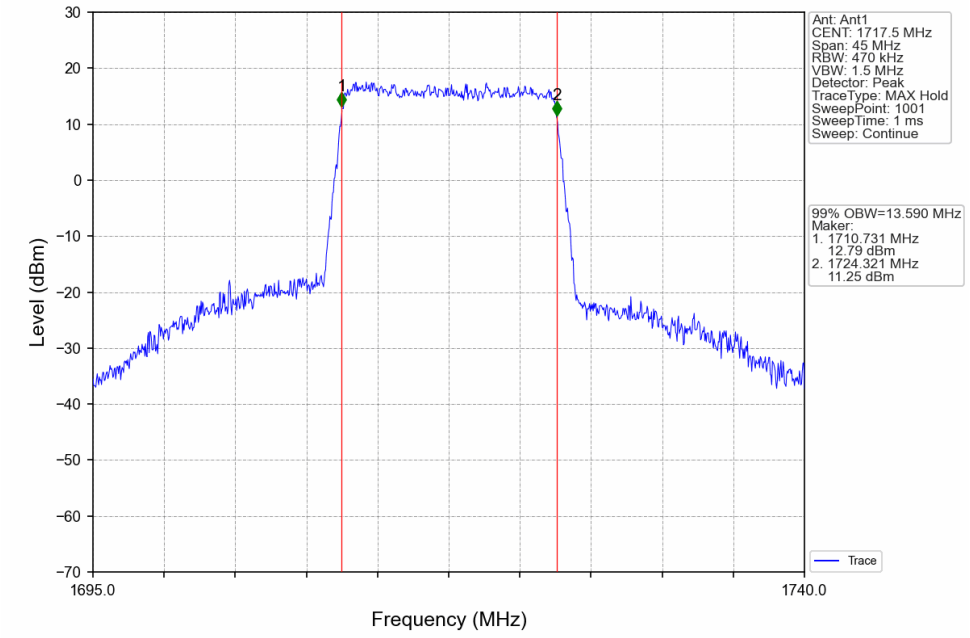
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



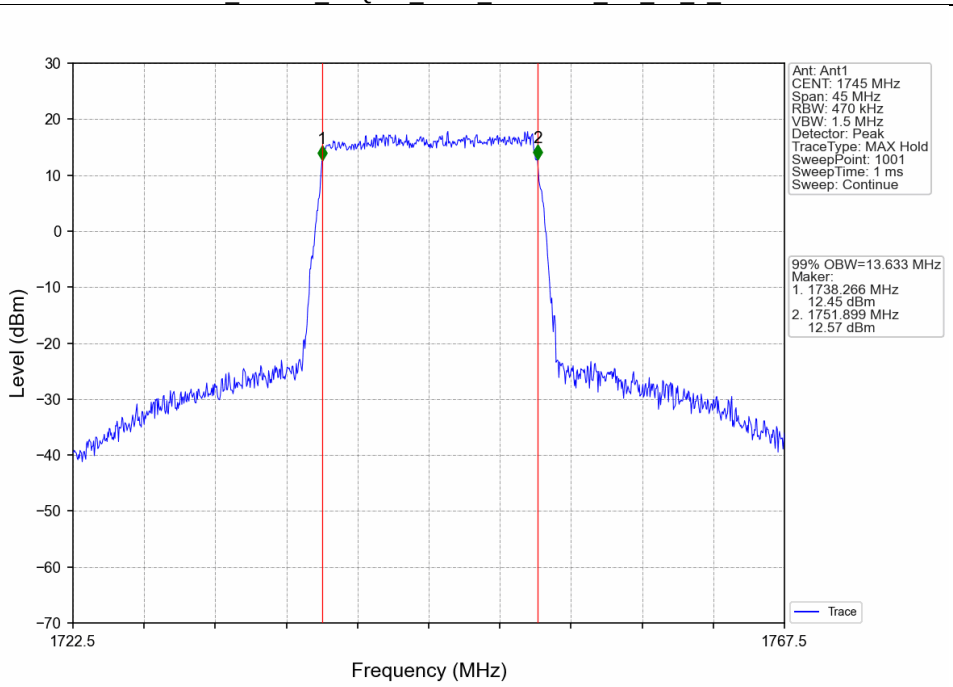
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



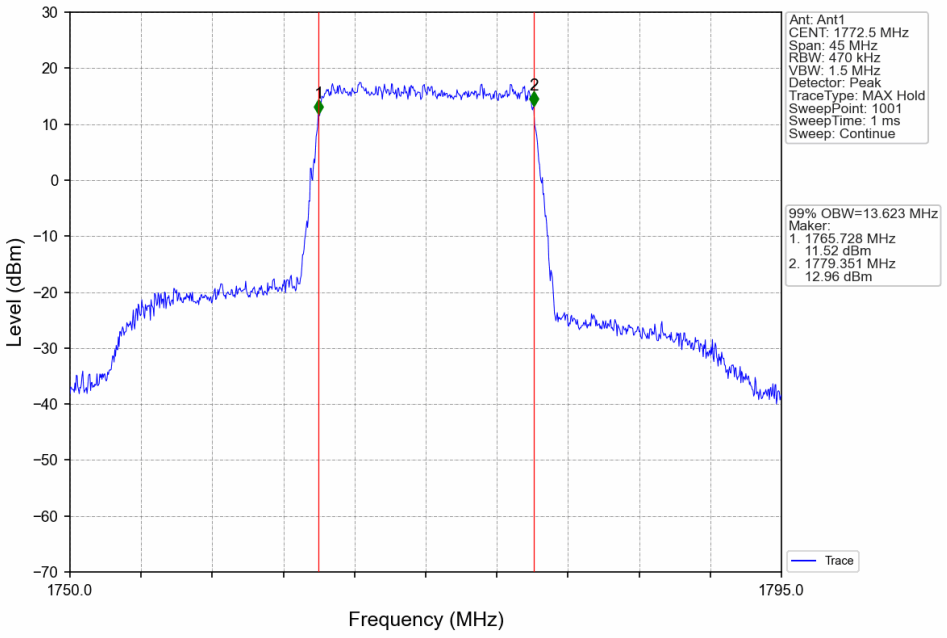
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



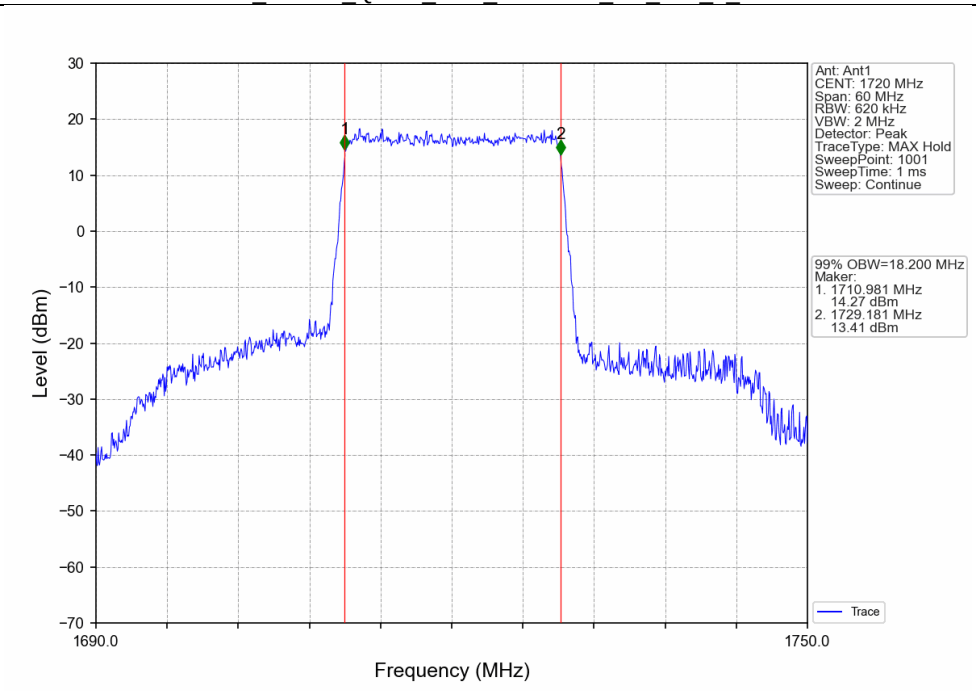
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



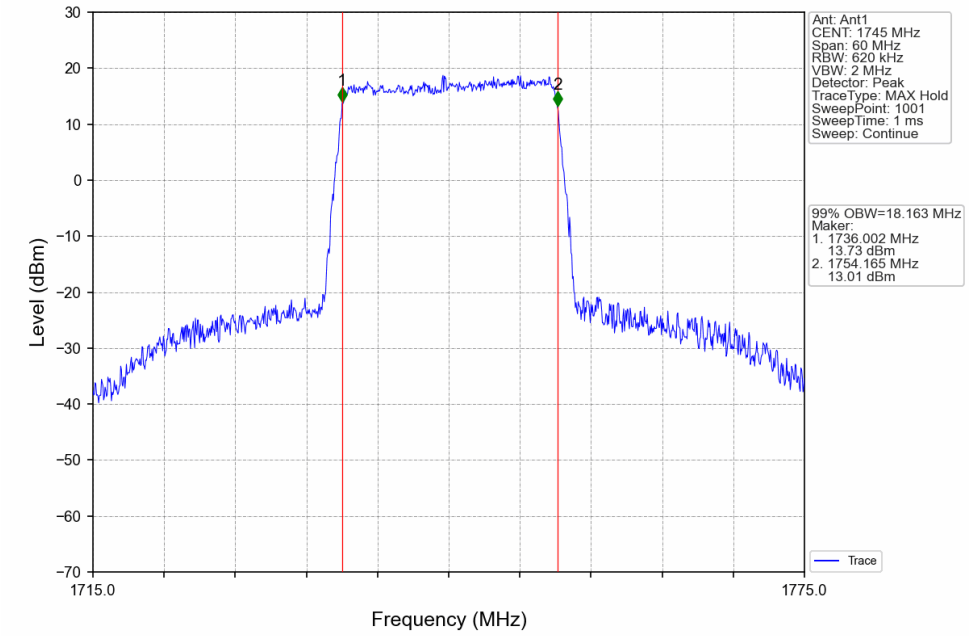
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



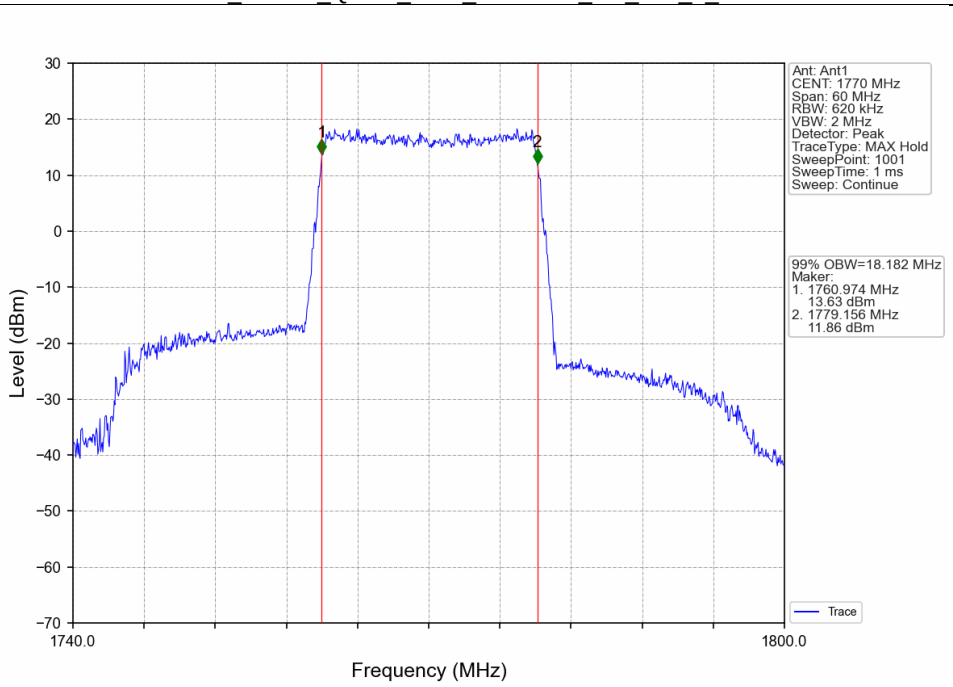
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



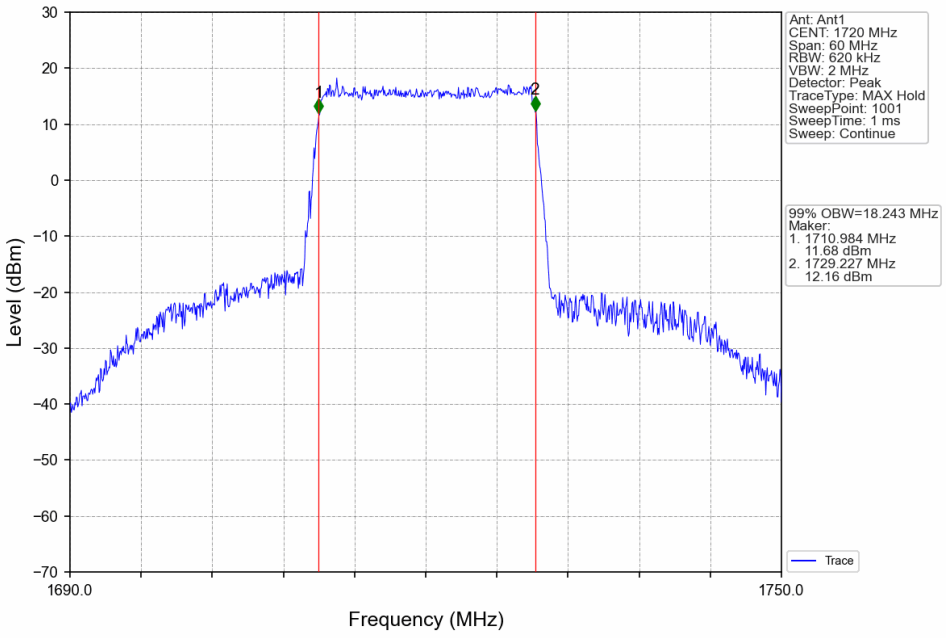
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



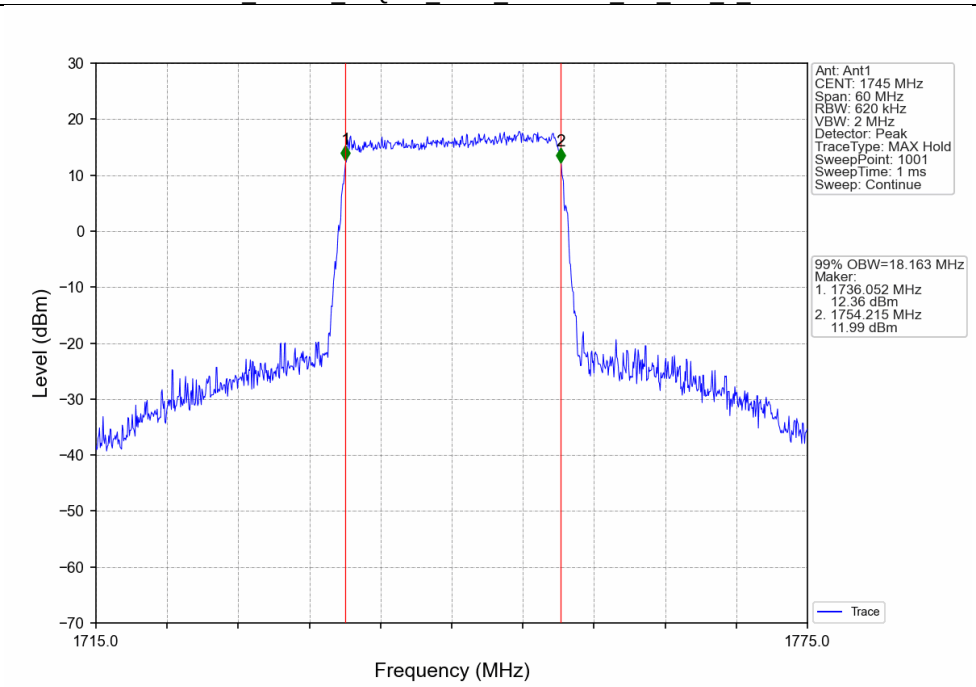
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



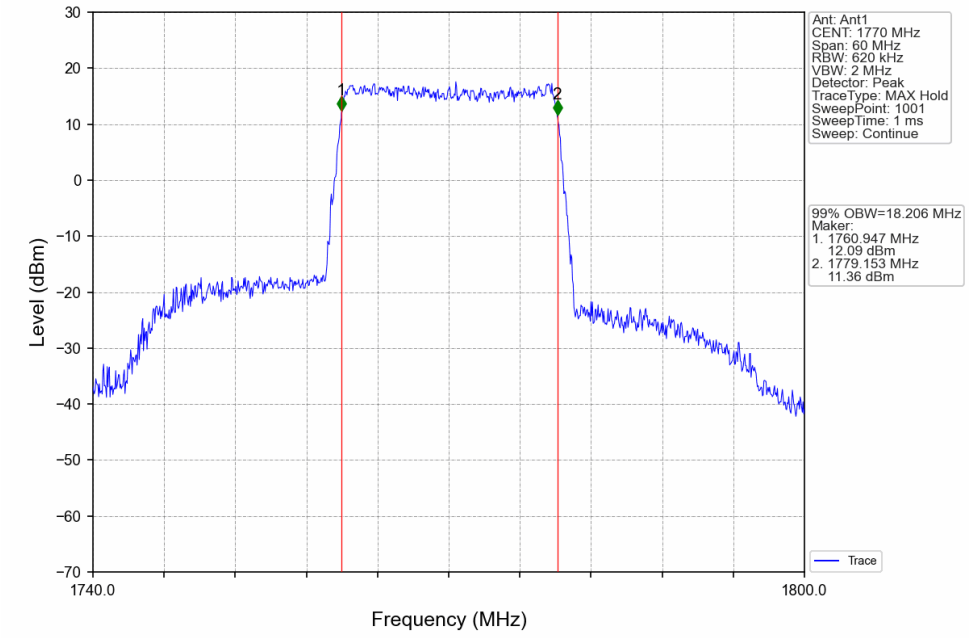
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

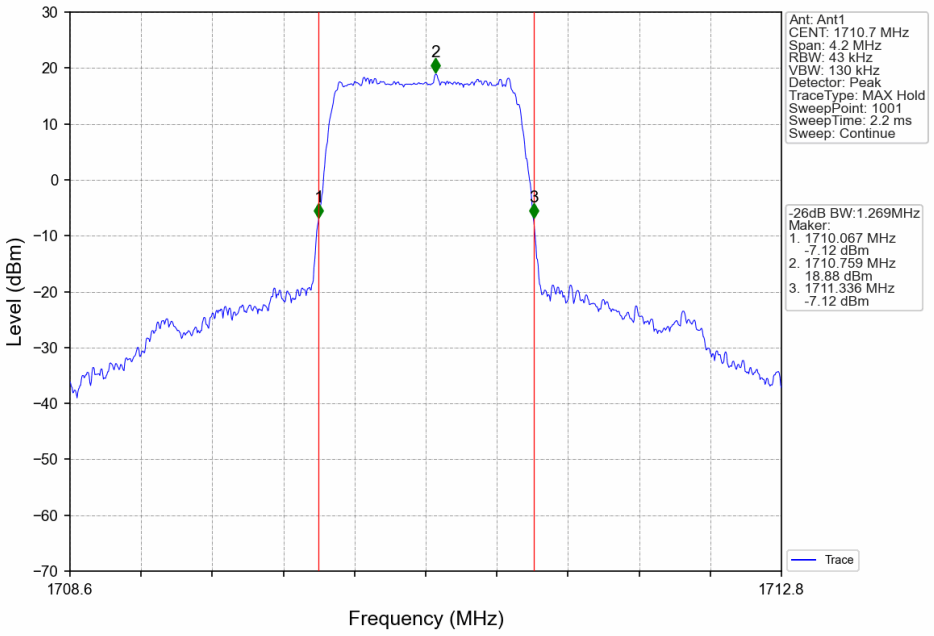


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

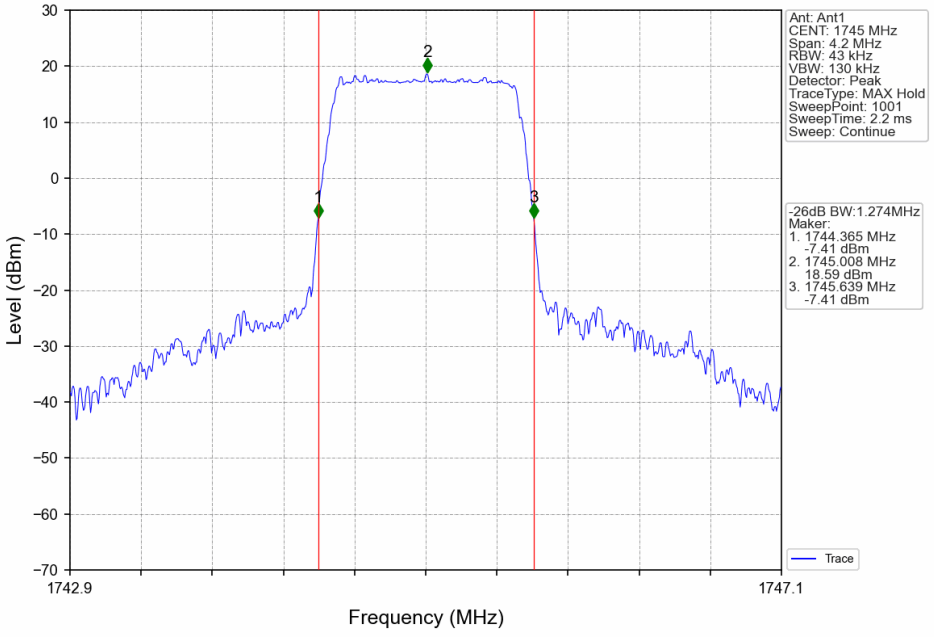


4.2.2 Band66_XDB

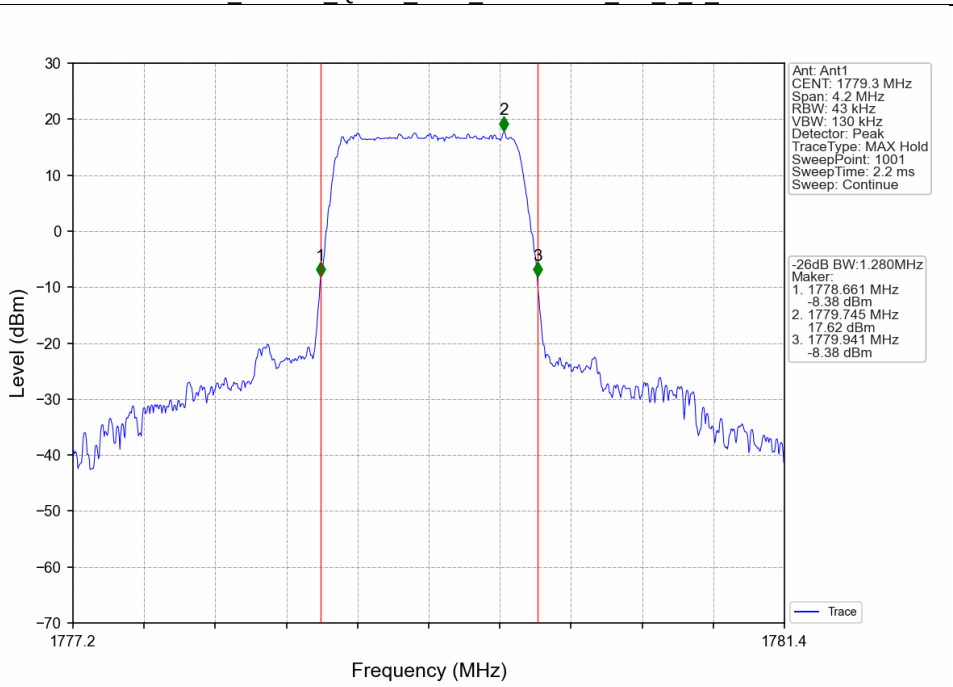
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



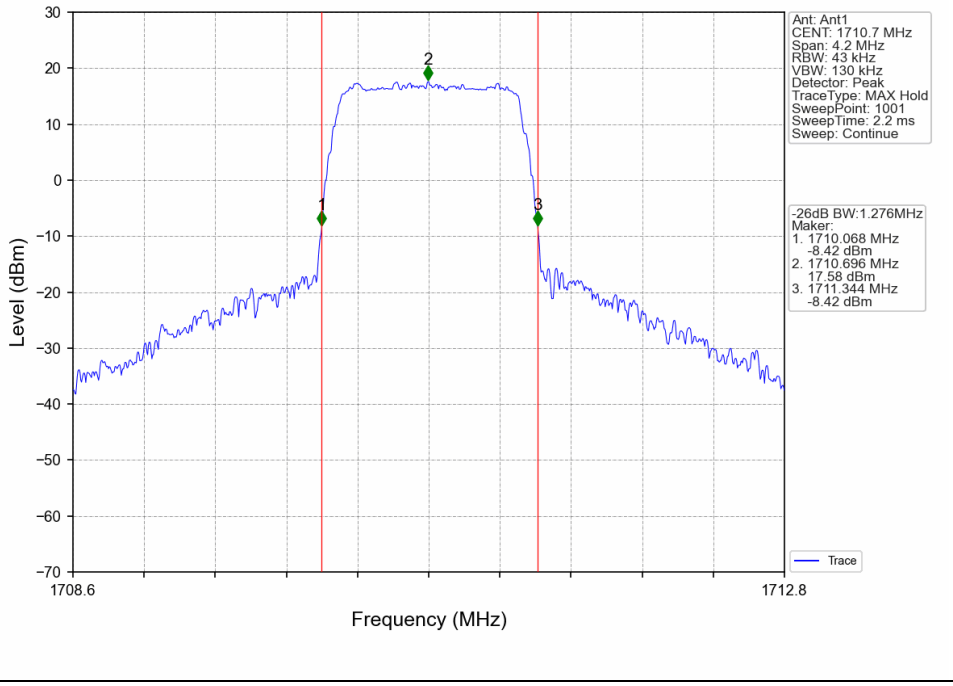
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



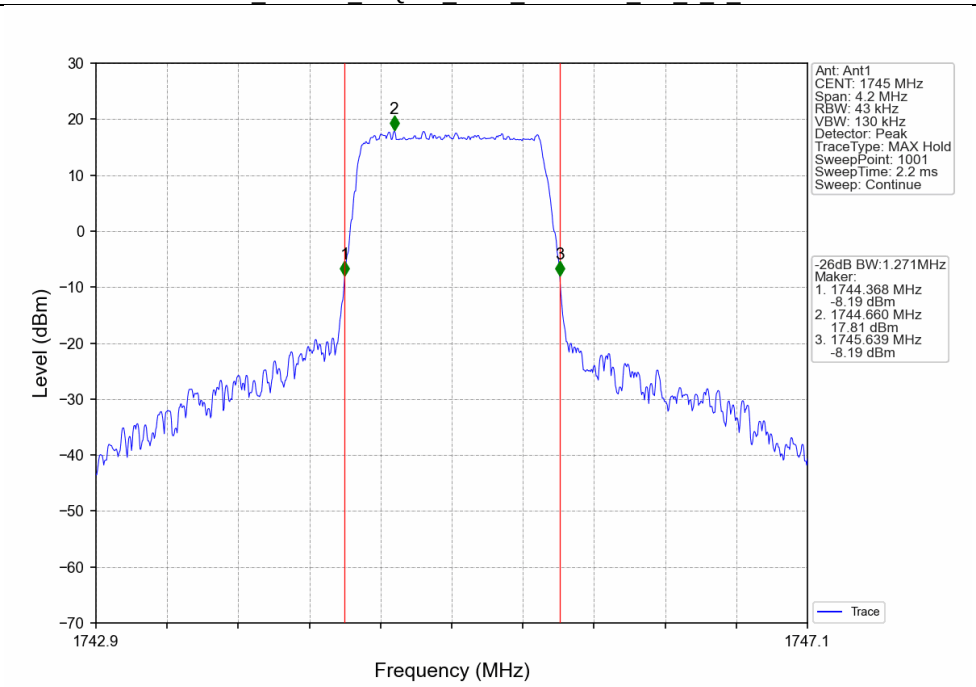
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



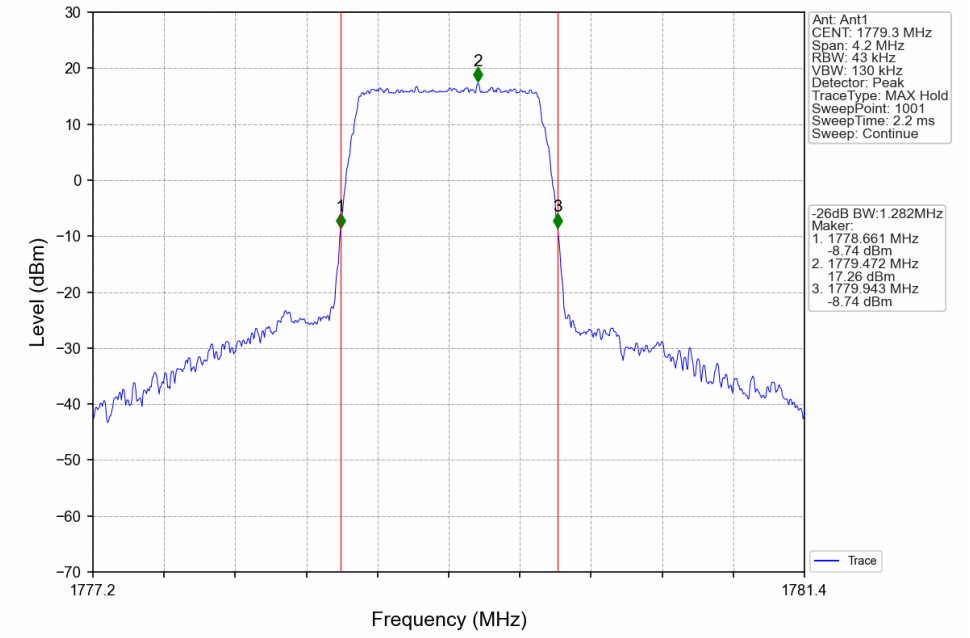
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



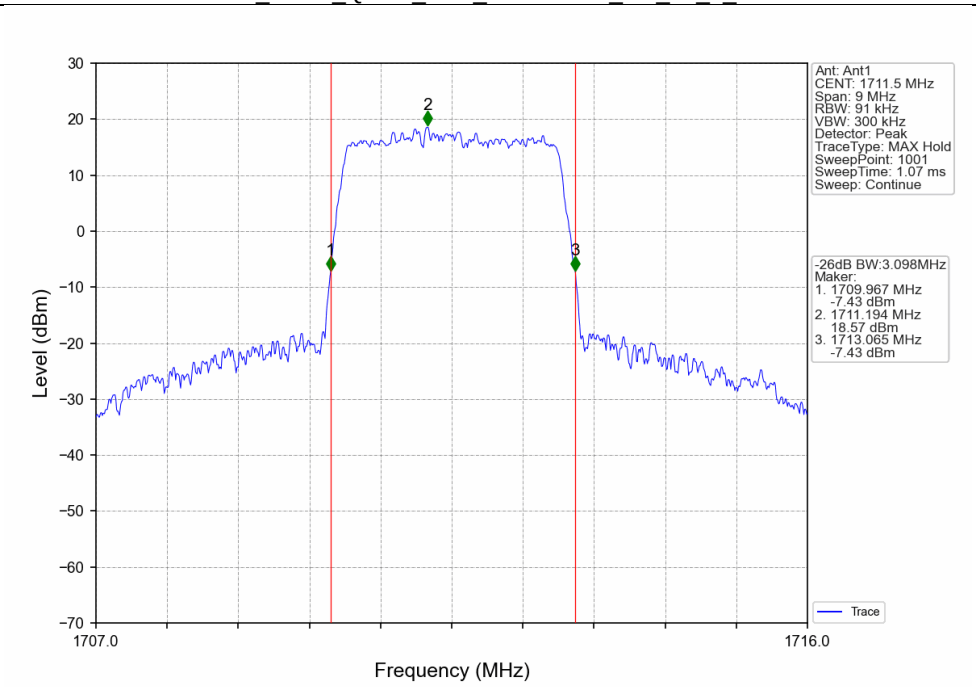
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



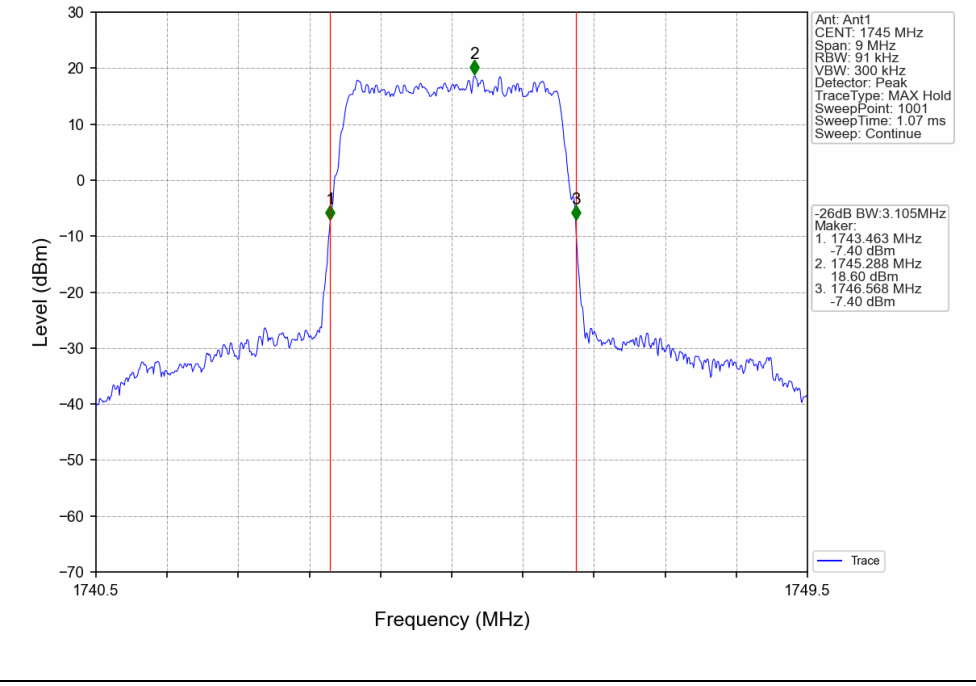
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



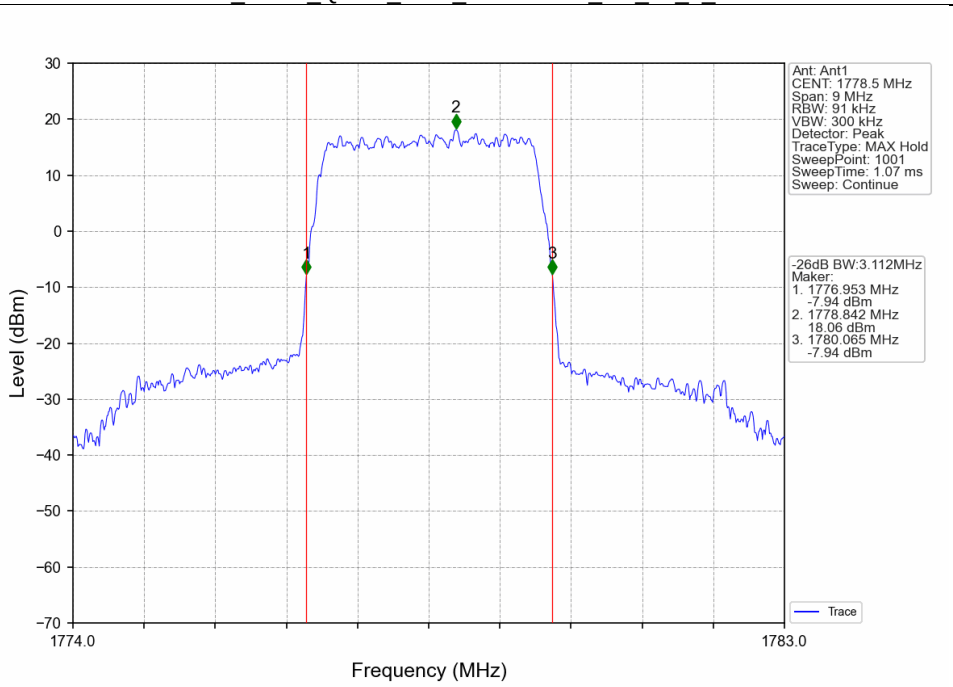
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



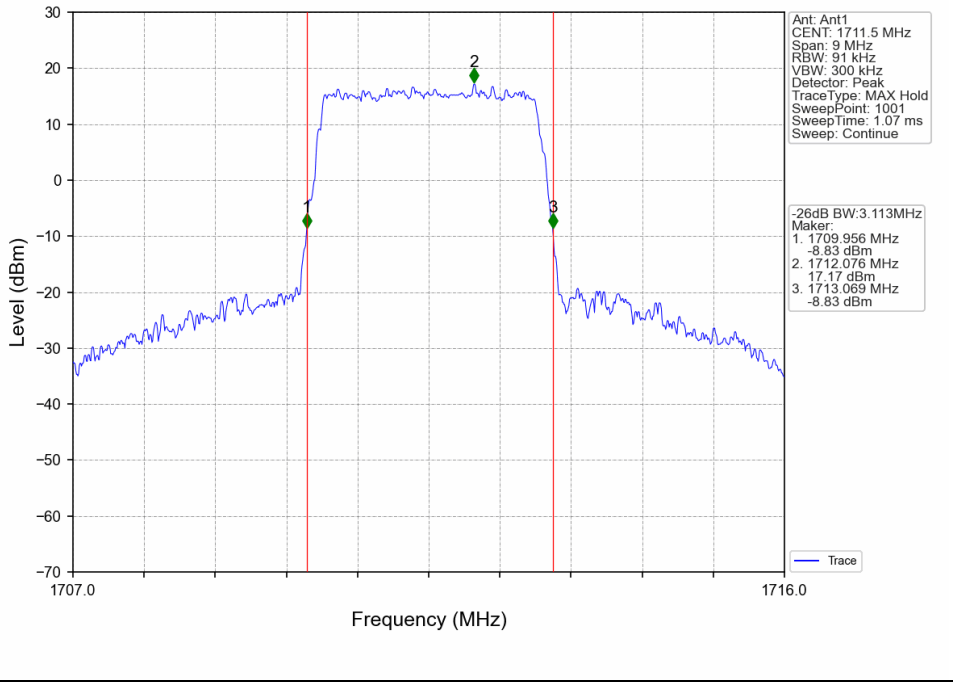
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



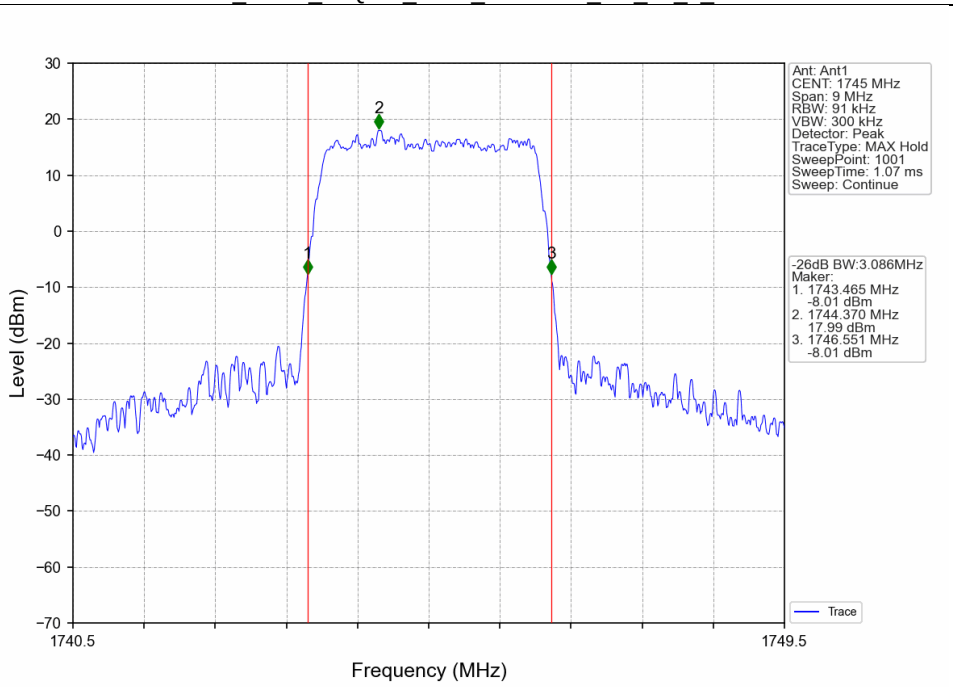
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



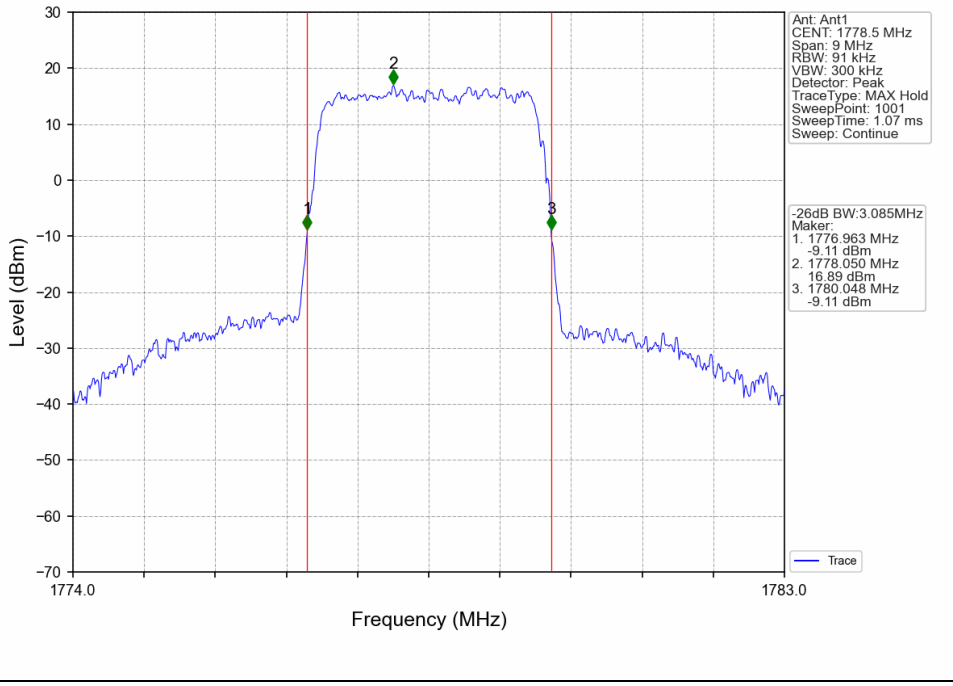
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



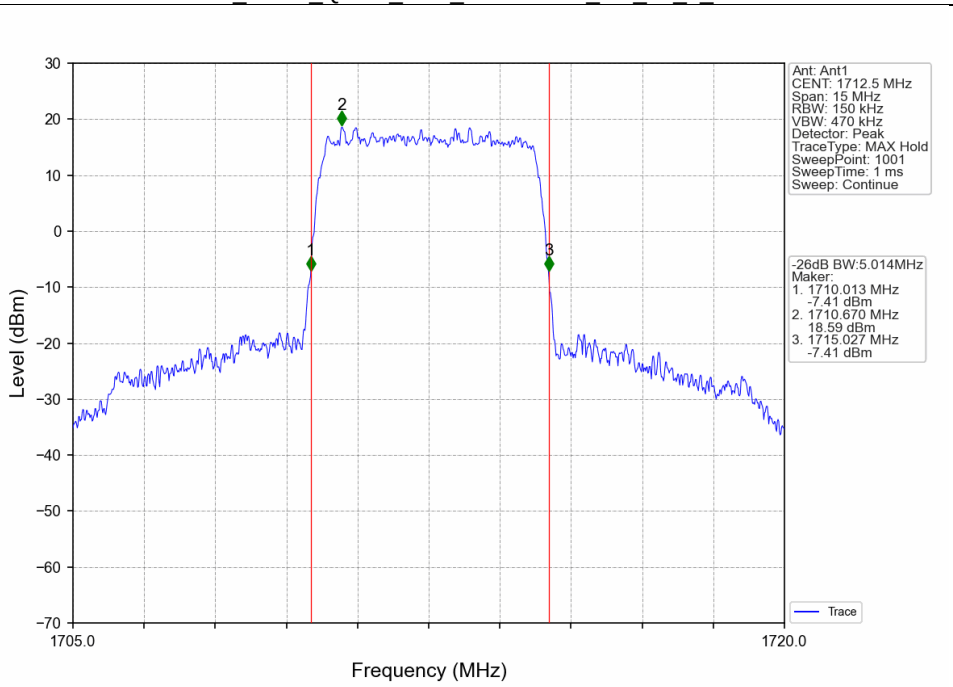
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



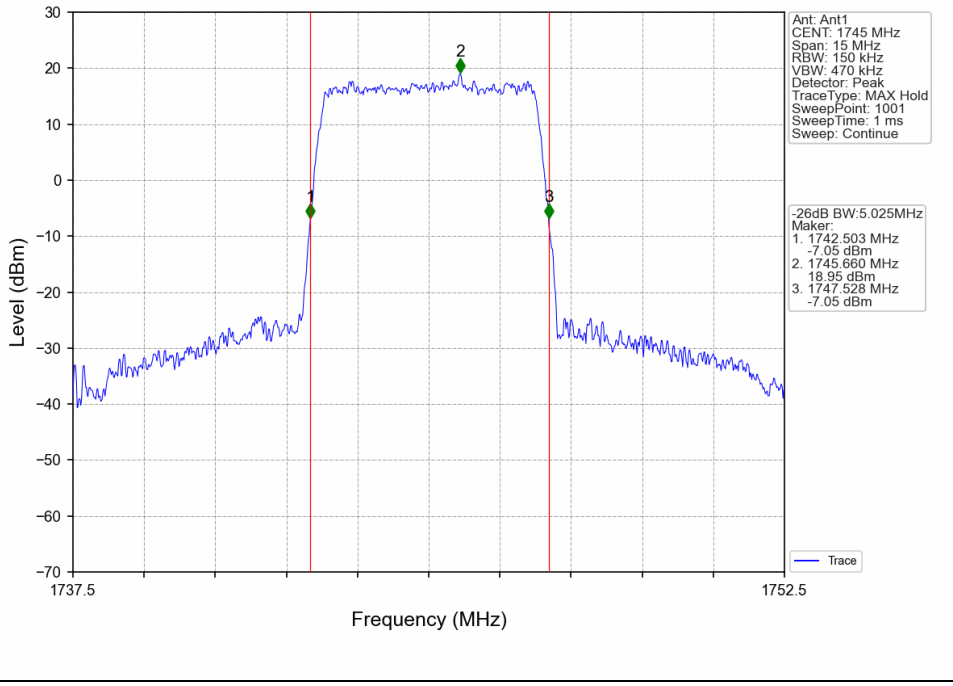
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



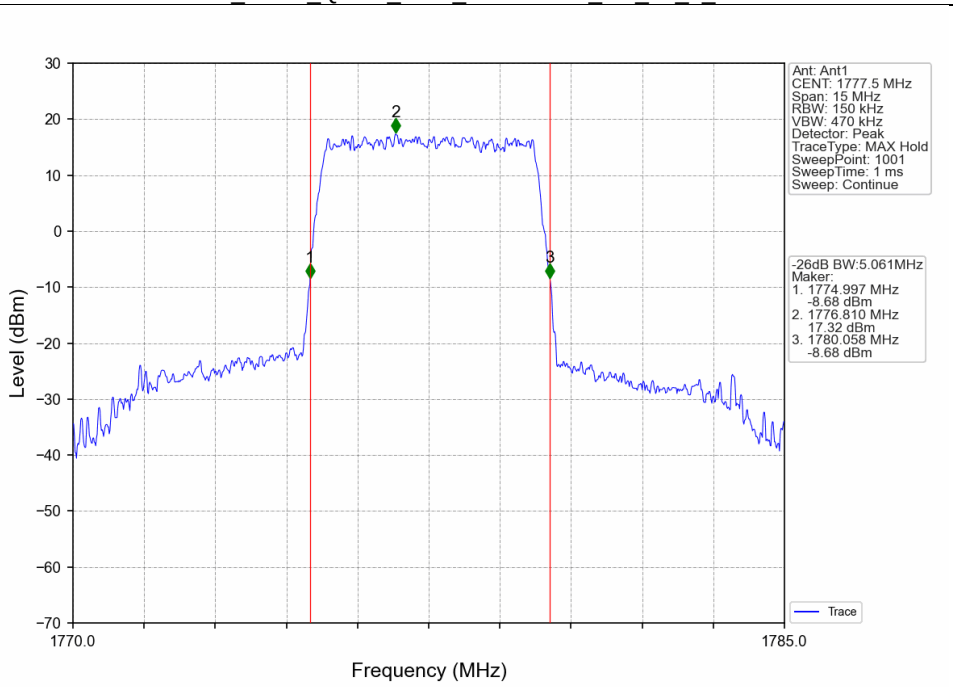
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



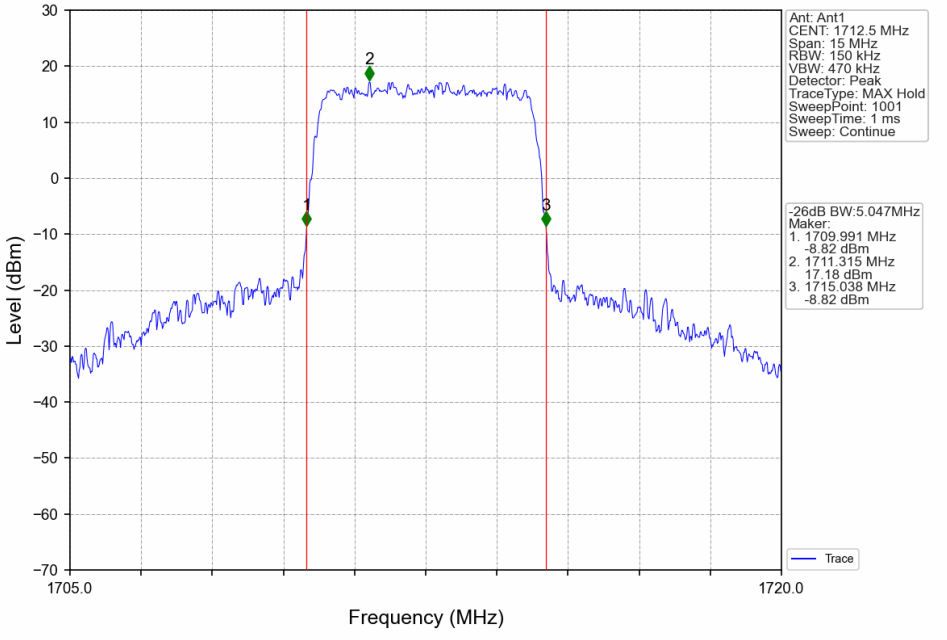
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



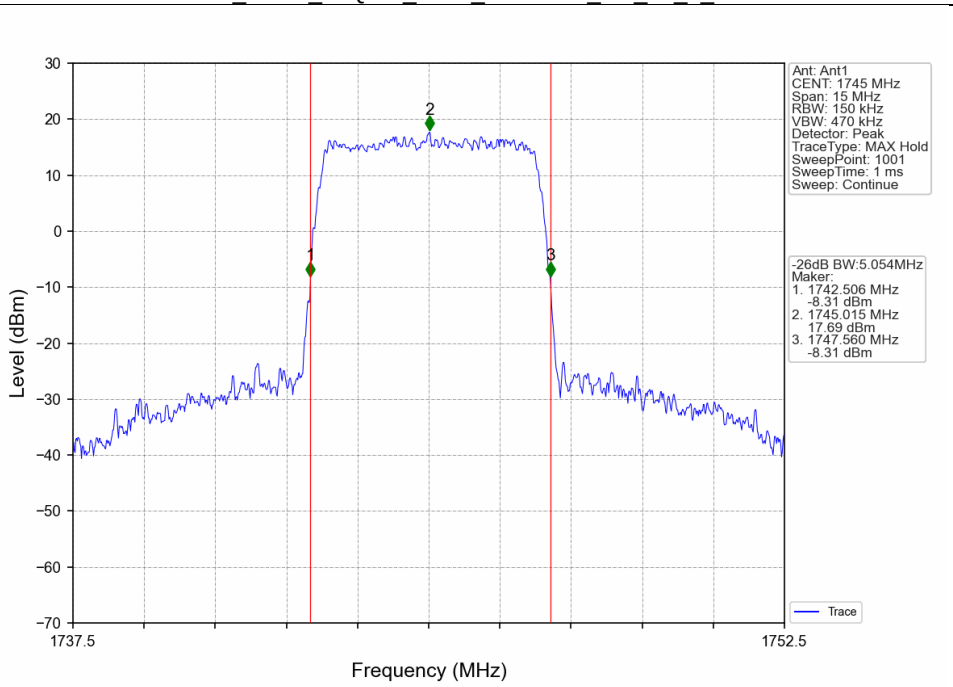
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



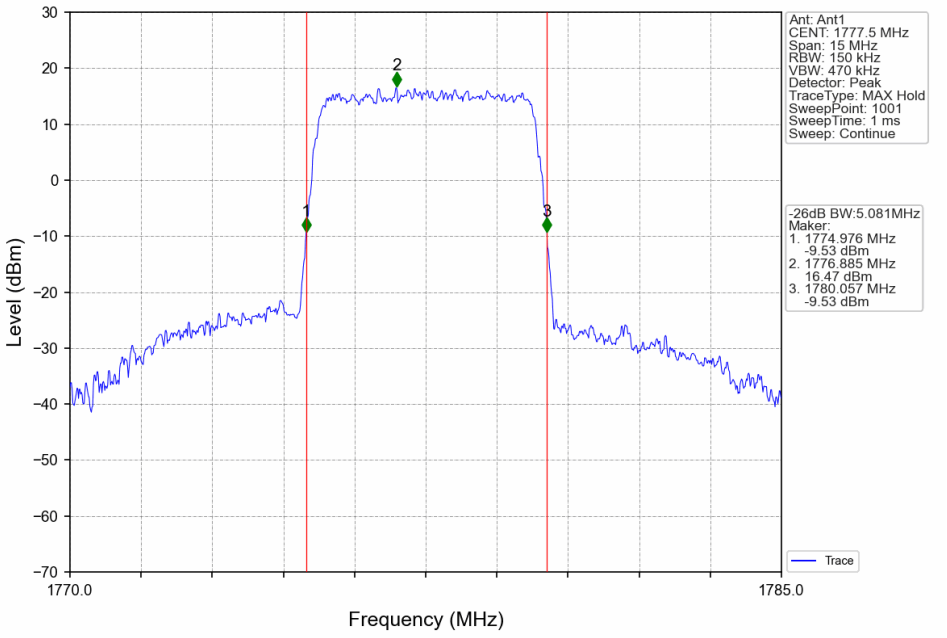
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



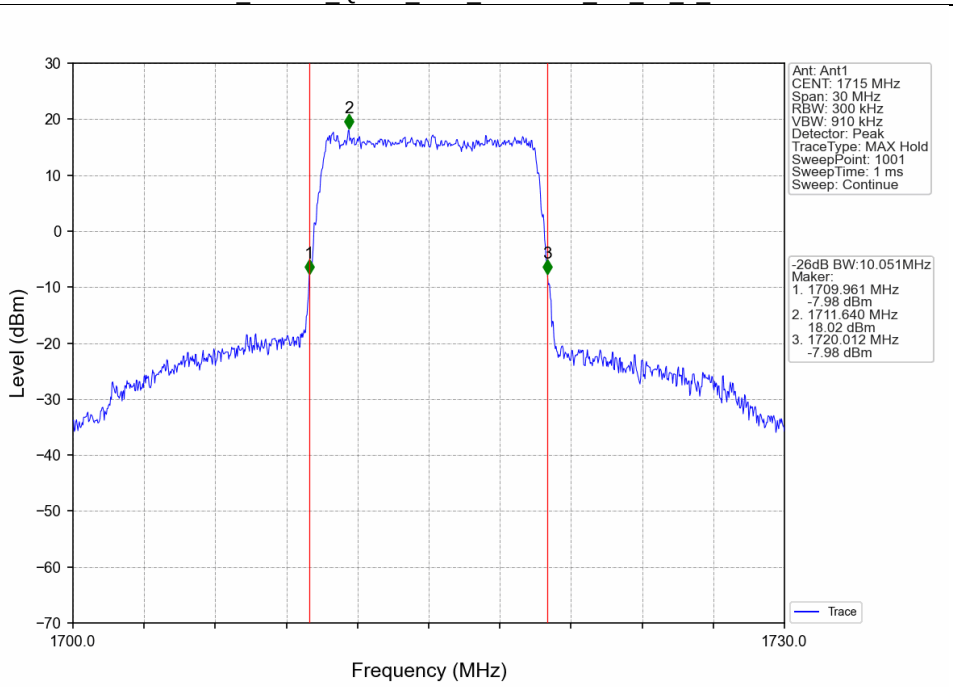
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



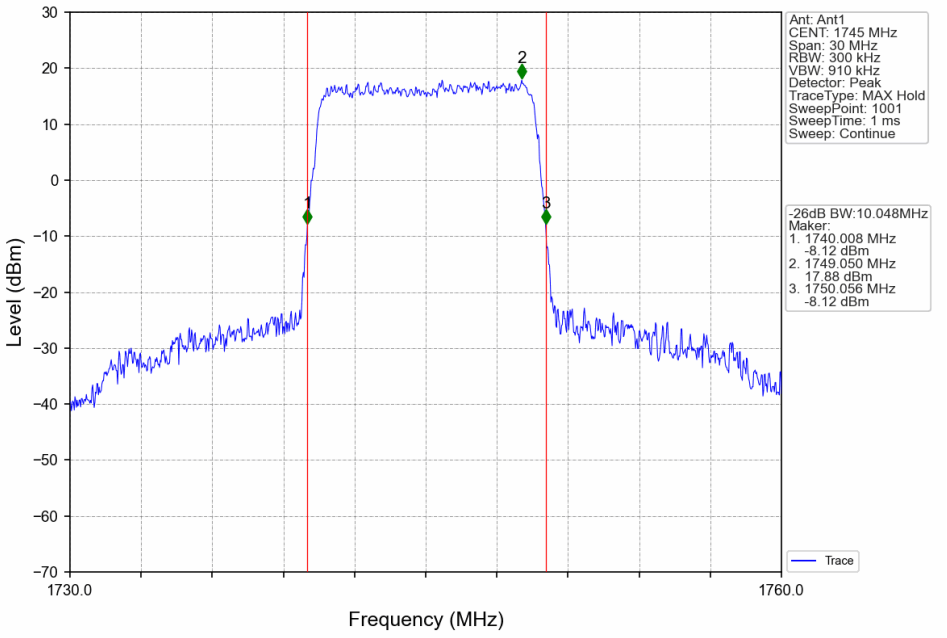
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



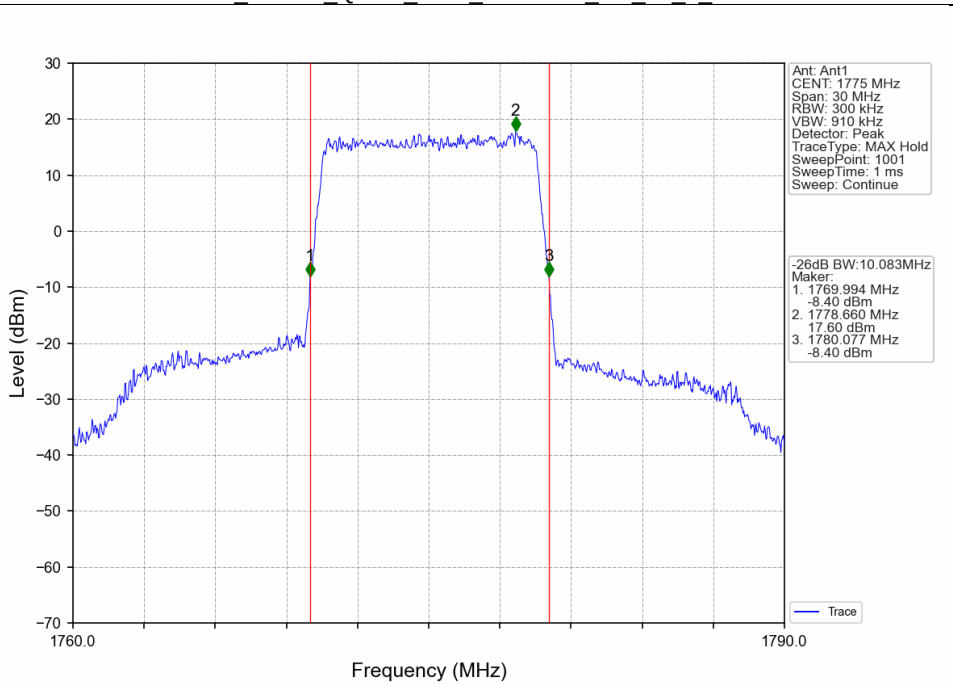
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



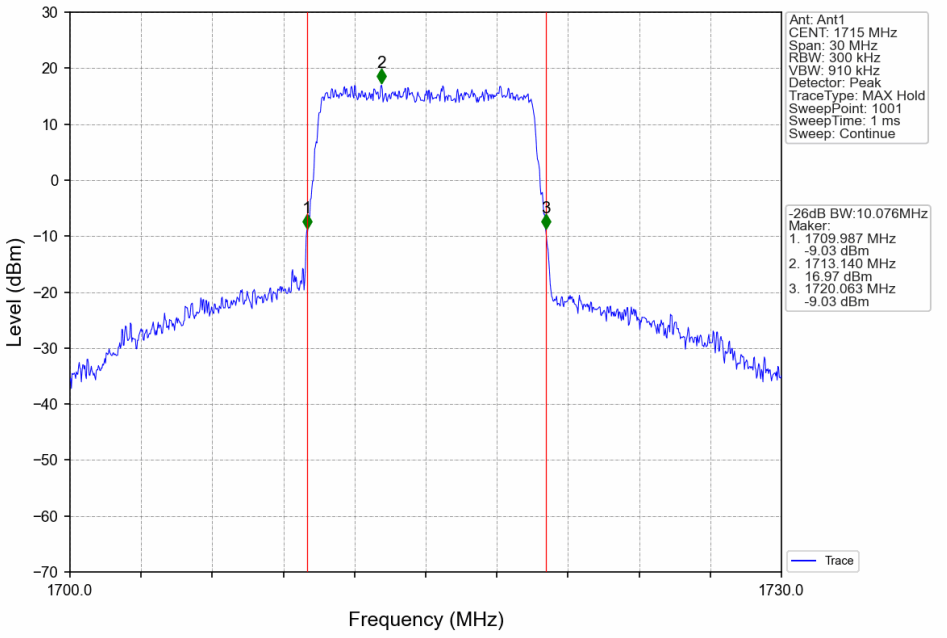
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



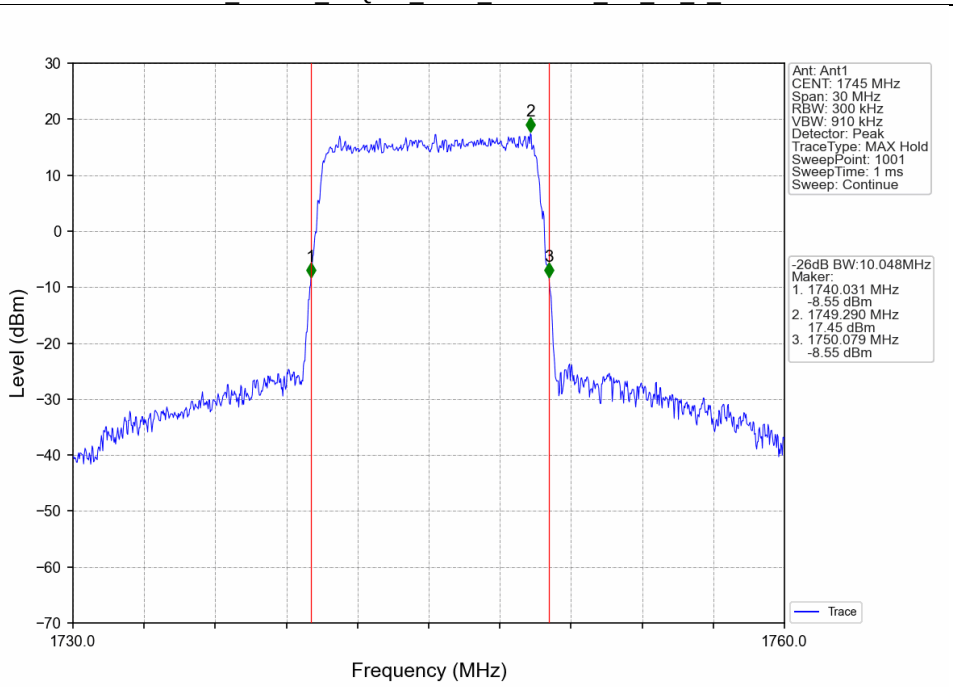
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



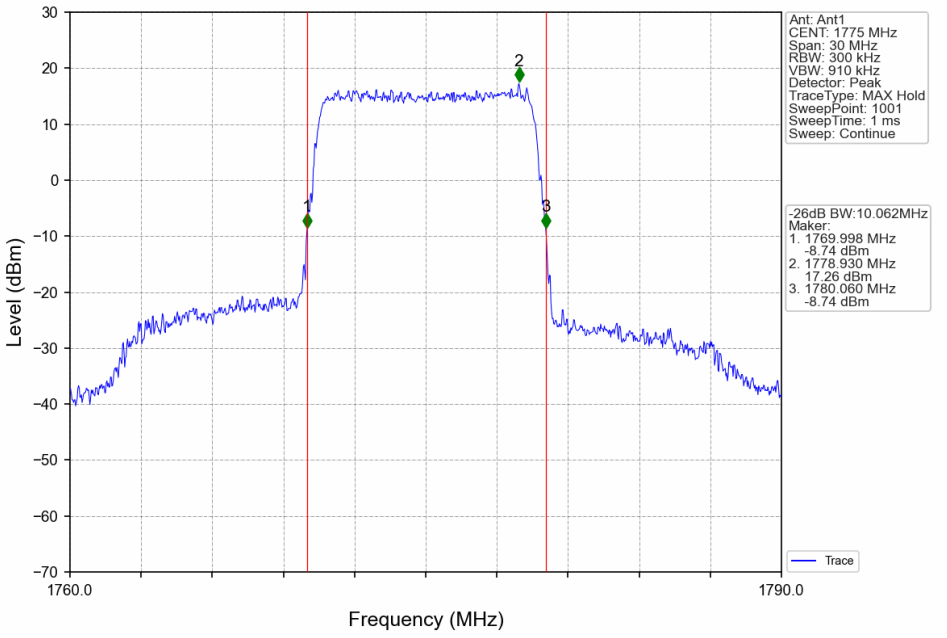
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



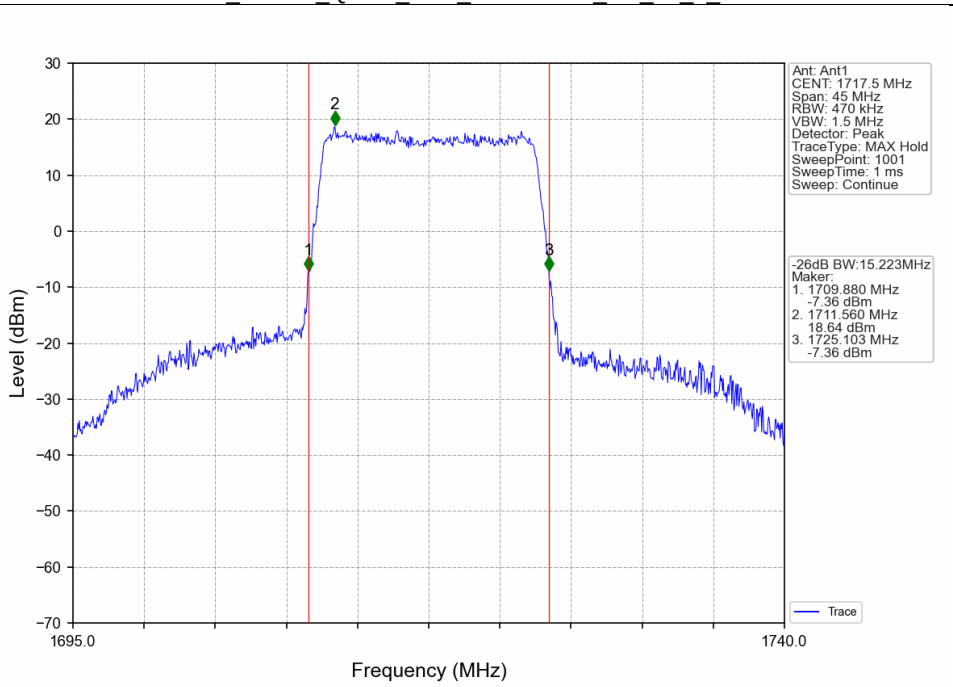
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



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