1. Effective (Isotropic) Radiated PowSer Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.39	0.30	23.69	<=30	Pass
			2	23.34	0.30	23.64	<=30	Pass
			5	23.28	0.30	23.58	<=30	Pass
		3	0	23.77	0.30	24.07	<=30	Pass
			2	23.73	0.30	24.03	<=30	Pass
			3	23.81	0.30	24.11	<=30	Pass
		6	0	22.35	0.30	22.65	<=30	Pass
	1745	1	0	22.77	0.30	23.07	<=30	Pass
			2	22.83	0.30	23.13	<=30	Pass
			5	22.80	0.30	23.10	<=30	Pass
		3	0	23.28	0.30	23.58	<=30	Pass
			2	23.27	0.30	23.57	<=30	Pass
			3	23.27	0.30	23.57	<=30	Pass
		6	0	21.85	0.30	22.15	<=30	Pass
	1779.3	1	0	23.21	0.30	23.51	<=30	Pass
			2	23.26	0.30	23.56	<=30	Pass
			5	23.29	0.30	23.59	<=30	Pass
		3	0	23.85	0.30	24.15	<=30	Pass
			2	23.77	0.30	24.07	<=30	Pass
			3	23.74	0.30	24.04	<=30	Pass
		6	0	22.27	0.30	22.57	<=30	Pass
16QAM	1710.7	1	0	22.62	0.30	22.92	<=30	Pass
			2	22.65	0.30	22.95	<=30	Pass
			5	22.60	0.30	22.90	<=30	Pass
		3	0	21.95	0.30	22.25	<=30	Pass
			2	21.99	0.30	22.29	<=30	Pass
			3	21.97	0.30	22.27	<=30	Pass
		6	0	21.49	0.30	21.79	<=30	Pass
	1745	1	0	22.48	0.30	22.78	<=30	Pass
			2	22.43	0.30	22.73	<=30	Pass
			5	22.46	0.30	22.76	<=30	Pass
		3	0	21.76	0.30	22.06	<=30	Pass
			2	21.53	0.30	21.83	<=30	Pass
			3	21.55	0.30	21.85	<=30	Pass
		6	0	21.09	0.30	21.39	<=30	Pass
	1779.3	1	0	22.84	0.30	23.14	<=30	Pass
			2	22.84	0.30	23.14	<=30	Pass
			5	22.87	0.30	23.17	<=30	Pass
		3	0	21.93	0.30	22.23	<=30	Pass
			2	21.96	0.30	22.26	<=30	Pass
			3	21.95	0.30	22.25	<=30	Pass
		6	0	21.37	0.30	21.67	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.20	0.30	23.50	<=30	Pass
			7	23.16	0.30	23.46	<=30	Pass
			14	23.18	0.30	23.48	<=30	Pass
		8	0	22.69	0.30	22.99	<=30	Pass
			4	22.72	0.30	23.02	<=30	Pass
			7	22.70	0.30	23.00	<=30	Pass
		15	0	22.28	0.30	22.58	<=30	Pass
	1745	1	0	22.77	0.30	23.07	<=30	Pass
			7	22.70	0.30	23.00	<=30	Pass
			14	22.73	0.30	23.03	<=30	Pass
		8	0	22.23	0.30	22.53	<=30	Pass
			4	22.28	0.30	22.58	<=30	Pass
			7	22.28	0.30	22.58	<=30	Pass
		15	0	21.77	0.30	22.07	<=30	Pass
	1778.5	1	0	23.11	0.30	23.41	<=30	Pass
			7	23.12	0.30	23.42	<=30	Pass
			14	23.14	0.30	23.44	<=30	Pass
		8	0	22.66	0.30	22.96	<=30	Pass
			4	22.74	0.30	23.04	<=30	Pass
			7	22.73	0.30	23.03	<=30	Pass
		15	0	22.21	0.30	22.51	<=30	Pass
16QAM	1711.5	1	0	22.93	0.30	23.23	<=30	Pass
			7	22.92	0.30	23.22	<=30	Pass
			14	22.82	0.30	23.12	<=30	Pass
		8	0	21.55	0.30	21.85	<=30	Pass
			4	21.45	0.30	21.75	<=30	Pass
			7	21.48	0.30	21.78	<=30	Pass
		15	0	21.36	0.30	21.66	<=30	Pass
	1745	1	0	22.82	0.30	23.12	<=30	Pass
			7	22.89	0.30	23.19	<=30	Pass
			14	22.84	0.30	23.14	<=30	Pass
		8	0	20.97	0.30	21.27	<=30	Pass
			4	20.99	0.30	21.29	<=30	Pass
			7	20.94	0.30	21.24	<=30	Pass
		15	0	21.06	0.30	21.36	<=30	Pass
	1778.5	1	0	22.41	0.30	22.71	<=30	Pass
			7	22.43	0.30	22.73	<=30	Pass
			14	22.38	0.30	22.68	<=30	Pass
		8	0	21.35	0.30	21.65	<=30	Pass
			4	21.28	0.30	21.58	<=30	Pass
			7	21.29	0.30	21.59	<=30	Pass
		15	0	21.21	0.30	21.51	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.25	0.30	23.55	<=30	Pass
			13	23.03	0.30	23.33	<=30	Pass
			24	23.03	0.30	23.33	<=30	Pass
		12	0	22.72	0.30	23.02	<=30	Pass
			6	22.73	0.30	23.03	<=30	Pass
			13	22.78	0.30	23.08	<=30	Pass

		25	0	22.25	0.30	22.55	<=30	Pass
	1745	1	0	22.85	0.30	23.15	<=30	Pass
			13	22.74	0.30	23.04	<=30	Pass
			24	22.76	0.30	23.06	<=30	Pass
		12	0	22.36	0.30	22.66	<=30	Pass
			6	22.35	0.30	22.65	<=30	Pass
			13	22.37	0.30	22.67	<=30	Pass
		25	0	21.80	0.30	22.10	<=30	Pass
	1777.5	1	0	23.02	0.30	23.32	<=30	Pass
			13	23.04	0.30	23.34	<=30	Pass
			24	23.10	0.30	23.40	<=30	Pass
		12	0	22.63	0.30	22.93	<=30	Pass
			6	22.72	0.30	23.02	<=30	Pass
			13	22.68	0.30	22.98	<=30	Pass
		25	0	22.29	0.30	22.59	<=30	Pass
16QAM	1712.5	1	0	22.73	0.30	23.03	<=30	Pass
			13	22.70	0.30	23.00	<=30	Pass
			24	22.65	0.30	22.95	<=30	Pass
		12	0	21.44	0.30	21.74	<=30	Pass
			6	21.37	0.30	21.67	<=30	Pass
			13	21.33	0.30	21.63	<=30	Pass
		25	0	21.38	0.30	21.68	<=30	Pass
	1745	1	0	22.44	0.30	22.74	<=30	Pass
			13	22.50	0.30	22.80	<=30	Pass
			24	22.57	0.30	22.87	<=30	Pass
		12	0	20.84	0.30	21.14	<=30	Pass
			6	20.89	0.30	21.19	<=30	Pass
			13	20.77	0.30	21.07	<=30	Pass
		25	0	20.80	0.30	21.10	<=30	Pass
	1777.5	1	0	22.18	0.30	22.48	<=30	Pass
			13	22.05	0.30	22.35	<=30	Pass
			24	22.07	0.30	22.37	<=30	Pass
		12	0	21.23	0.30	21.53	<=30	Pass
			6	21.26	0.30	21.56	<=30	Pass
			13	21.22	0.30	21.52	<=30	Pass
		25	0	21.30	0.30	21.60	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.34	0.30	23.64	<=30	Pass
			25	23.17	0.30	23.47	<=30	Pass
			49	23.13	0.30	23.43	<=30	Pass
		25	0	22.14	0.30	22.44	<=30	Pass
			13	22.18	0.30	22.48	<=30	Pass
			25	22.11	0.30	22.41	<=30	Pass
		50	0	22.17	0.30	22.47	<=30	Pass
	1745	1	0	22.96	0.30	23.26	<=30	Pass
			25	22.96	0.30	23.26	<=30	Pass
			49	22.90	0.30	23.20	<=30	Pass
		25	0	21.83	0.30	22.13	<=30	Pass
			13	21.78	0.30	22.08	<=30	Pass
			25	21.83	0.30	22.13	<=30	Pass
		50	0	21.86	0.30	22.16	<=30	Pass

	1775	1	0	23.07	0.30	23.37	<=30	Pass
			25	23.10	0.30	23.40	<=30	Pass
			49	23.23	0.30	23.53	<=30	Pass
		25	0	22.10	0.30	22.40	<=30	Pass
			13	22.15	0.30	22.45	<=30	Pass
			25	22.21	0.30	22.51	<=30	Pass
		50	0	22.18	0.30	22.48	<=30	Pass
16QAM	1715	1	0	22.58	0.30	22.88	<=30	Pass
			25	22.49	0.30	22.79	<=30	Pass
			49	22.40	0.30	22.70	<=30	Pass
		25	0	21.31	0.30	21.61	<=30	Pass
			13	21.33	0.30	21.63	<=30	Pass
			25	21.29	0.30	21.59	<=30	Pass
		50	0	21.22	0.30	21.52	<=30	Pass
	1745	1	0	22.56	0.30	22.86	<=30	Pass
			25	22.54	0.30	22.84	<=30	Pass
			49	22.52	0.30	22.82	<=30	Pass
		25	0	20.96	0.30	21.26	<=30	Pass
			13	20.99	0.30	21.29	<=30	Pass
			25	20.94	0.30	21.24	<=30	Pass
		50	0	20.96	0.30	21.26	<=30	Pass
	1775	1	0	22.42	0.30	22.72	<=30	Pass
			25	22.48	0.30	22.78	<=30	Pass
			49	22.63	0.30	22.93	<=30	Pass
		25	0	21.18	0.30	21.48	<=30	Pass
			13	21.24	0.30	21.54	<=30	Pass
			25	21.26	0.30	21.56	<=30	Pass
		50	0	21.24	0.30	21.54	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.16	0.30	23.46	<=30	Pass
			38	23.02	0.30	23.32	<=30	Pass
			74	22.91	0.30	23.21	<=30	Pass
		36	0	22.17	0.30	22.47	<=30	Pass
			18	22.16	0.30	22.46	<=30	Pass
			39	22.14	0.30	22.44	<=30	Pass
		75	0	22.18	0.30	22.48	<=30	Pass
	1745	1	0	22.91	0.30	23.21	<=30	Pass
			38	22.91	0.30	23.21	<=30	Pass
			74	22.94	0.30	23.24	<=30	Pass
		36	0	21.88	0.30	22.18	<=30	Pass
			18	21.89	0.30	22.19	<=30	Pass
			39	21.87	0.30	22.17	<=30	Pass
		75	0	21.87	0.30	22.17	<=30	Pass
	1772.5	1	0	23.09	0.30	23.39	<=30	Pass
			38	23.05	0.30	23.35	<=30	Pass
			74	23.23	0.30	23.53	<=30	Pass
		36	0	22.04	0.30	22.34	<=30	Pass
			18	22.16	0.30	22.46	<=30	Pass
			39	22.23	0.30	22.53	<=30	Pass
		75	0	22.14	0.30	22.44	<=30	Pass
16QAM	1717.5	1	0	22.60	0.30	22.90	<=30	Pass

			38	22.46	0.30	22.76	<=30	Pass
			74	22.37	0.30	22.67	<=30	Pass
		36	0	21.31	0.30	21.61	<=30	Pass
			18	21.26	0.30	21.56	<=30	Pass
			39	21.21	0.30	21.51	<=30	Pass
		75	0	21.21	0.30	21.51	<=30	Pass
	1745	1	0	22.50	0.30	22.80	<=30	Pass
			38	22.54	0.30	22.84	<=30	Pass
			74	22.59	0.30	22.89	<=30	Pass
		36	0	21.00	0.30	21.30	<=30	Pass
			18	20.89	0.30	21.19	<=30	Pass
			39	20.97	0.30	21.27	<=30	Pass
		75	0	20.90	0.30	21.20	<=30	Pass
	1772.5	1	0	22.47	0.30	22.77	<=30	Pass
			38	22.49	0.30	22.79	<=30	Pass
			74	22.56	0.30	22.86	<=30	Pass
		36	0	21.12	0.30	21.42	<=30	Pass
			18	21.12	0.30	21.42	<=30	Pass
			39	21.22	0.30	21.52	<=30	Pass
		75	0	21.18	0.30	21.48	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.41	0.30	23.71	<=30	Pass
			50	23.16	0.30	23.46	<=30	Pass
			99	23.09	0.30	23.39	<=30	Pass
		50	0	22.16	0.30	22.46	<=30	Pass
			25	22.05	0.30	22.35	<=30	Pass
			50	22.01	0.30	22.31	<=30	Pass
		100	0	22.02	0.30	22.32	<=30	Pass
	1745	1	0	23.15	0.30	23.45	<=30	Pass
			50	23.13	0.30	23.43	<=30	Pass
			99	23.06	0.30	23.36	<=30	Pass
		50	0	21.73	0.30	22.03	<=30	Pass
			25	21.77	0.30	22.07	<=30	Pass
			50	21.82	0.30	22.12	<=30	Pass
		100	0	21.85	0.30	22.15	<=30	Pass
	1770	1	0	22.84	0.30	23.14	<=30	Pass
			50	22.98	0.30	23.28	<=30	Pass
			99	23.18	0.30	23.48	<=30	Pass
		50	0	22.08	0.30	22.38	<=30	Pass
			25	22.02	0.30	22.32	<=30	Pass
			50	22.16	0.30	22.46	<=30	Pass
		100	0	22.07	0.30	22.37	<=30	Pass
16QAM	1720	1	0	23.14	0.30	23.44	<=30	Pass
			50	22.93	0.30	23.23	<=30	Pass
			99	22.86	0.30	23.16	<=30	Pass
		50	0	21.23	0.30	21.53	<=30	Pass
			25	21.12	0.30	21.42	<=30	Pass
			50	21.03	0.30	21.33	<=30	Pass
		100	0	21.26	0.30	21.56	<=30	Pass
	1745	1	0	22.45	0.30	22.75	<=30	Pass
			50	22.43	0.30	22.73	<=30	Pass

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			99	22.49	0.30	22.79	<=30	Pass
		50	0	21.02	0.30	21.32	<=30	Pass
			25	20.97	0.30	21.27	<=30	Pass
			50	21.00	0.30	21.30	<=30	Pass
		100	0	20.92	0.30	21.22	<=30	Pass
	1770	1	0	22.66	0.30	22.96	<=30	Pass
			50	22.72	0.30	23.02	<=30	Pass
			99	22.90	0.30	23.20	<=30	Pass
		50	0	21.22	0.30	21.52	<=30	Pass
			25	21.25	0.30	21.55	<=30	Pass
			50	21.33	0.30	21.63	<=30	Pass
		100	0	21.16	0.30	21.46	<=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	-27.065	-0.0158	-2.5 to 2.5	Pass
					3.85	-28.896	-0.0169	-2.5 to 2.5	Pass
					4.43	-32.988	-0.0193	-2.5 to 2.5	Pass
				-30	3.85	-9.542	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-13.247	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-19.598	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-27.423	-0.0160	-2.5 to 2.5	Pass
				10	3.85	-33.574	-0.0196	-2.5 to 2.5	Pass
				30	3.85	18.997	0.0111	-2.5 to 2.5	Pass
				40	3.85	-20.986	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-25.778	-0.0151	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-30.956	-0.0177	-2.5 to 2.5	Pass
					3.85	-35.248	-0.0202	-2.5 to 2.5	Pass
					4.43	-13.189	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-21.486	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-33.188	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-15.264	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-28.911	-0.0166	-2.5 to 2.5	Pass
				30	3.85	-31.385	-0.0180	-2.5 to 2.5	Pass
				40	3.85	13.390	0.0077	-2.5 to 2.5	Pass
				50	3.85	-19.341	-0.0111	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-21.000	-0.0118	-2.5 to 2.5	Pass
					3.85	-32.029	-0.0180	-2.5 to 2.5	Pass
					4.43	-13.990	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-16.737	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-15.306	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-16.022	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-35.033	-0.0197	-2.5 to 2.5	Pass
				10	3.85	-35.319	-0.0198	-2.5 to 2.5	Pass
				30	3.85	-30.799	-0.0173	-2.5 to 2.5	Pass
				40	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				50	3.85	-7.467	-0.0042	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-1.044	-0.0006	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
					4.43	-0.701	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	10.543	0.0062	-2.5 to 2.5	Pass
				-20	3.85	11.272	0.0066	-2.5 to 2.5	Pass
				-10	3.85	-6.795	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-16.451	-0.0096	-2.5 to 2.5	Pass
				10	3.85	3.805	0.0022	-2.5 to 2.5	Pass
				30	3.85	6.137	0.0036	-2.5 to 2.5	Pass
				40	3.85	-12.774	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-9.427	-0.0055	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-36.821	-0.0211	-2.5 to 2.5	Pass
					3.85	10.114	0.0058	-2.5 to 2.5	Pass
					4.43	28.181	0.0161	-2.5 to 2.5	Pass
				-30	3.85	25.764	0.0148	-2.5 to 2.5	Pass
				-20	3.85	-16.894	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	28.024	0.0161	-2.5 to 2.5	Pass
				0	3.85	25.020	0.0143	-2.5 to 2.5	Pass
				10	3.85	16.894	0.0097	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				40	3.85	23.732	0.0136	-2.5 to 2.5	Pass
				50	3.85	23.031	0.0132	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	29.769	0.0167	-2.5 to 2.5	Pass
					4.43	18.153	0.0102	-2.5 to 2.5	Pass
				-30	3.85	3.433	0.0019	-2.5 to 2.5	Pass
				-20	3.85	26.207	0.0147	-2.5 to 2.5	Pass
				-10	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				0	3.85	-26.679	-0.0150	-2.5 to 2.5	Pass
				10	3.85	45.147	0.0254	-2.5 to 2.5	Pass
				30	3.85	18.797	0.0106	-2.5 to 2.5	Pass
				40	3.85	36.221	0.0204	-2.5 to 2.5	Pass
				50	3.85	0.057	0.0000	-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	-32.272	-0.0189	-2.5 to 2.5	Pass
					3.85	-50.039	-0.0292	-2.5 to 2.5	Pass
					4.43	-34.161	-0.0200	-2.5 to 2.5	Pass
				-30	3.85	-12.760	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	18.554	0.0108	-2.5 to 2.5	Pass
				-10	3.85	8.883	0.0052	-2.5 to 2.5	Pass
				0	3.85	-21.429	-0.0125	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-18.139	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	4.206	0.0024	-2.5 to 2.5	Pass
					3.85	-16.966	-0.0097	-2.5 to 2.5	Pass
					4.43	-36.120	-0.0207	-2.5 to 2.5	Pass
				-30	3.85	-32.244	-0.0185	-2.5 to 2.5	Pass
				-20	3.85	-28.210	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	37.894	0.0217	-2.5 to 2.5	Pass
				0	3.85	25.234	0.0145	-2.5 to 2.5	Pass

				10	3.85	6.051	0.0035	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0049	-2.5 to 2.5	Pass
				50	3.85	8.483	0.0049	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	27.008	0.0152	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0033	-2.5 to 2.5	Pass
					4.43	6.080	0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	23.947	0.0135	-2.5 to 2.5	Pass
				-10	3.85	14.606	0.0082	-2.5 to 2.5	Pass
				0	3.85	35.477	0.0199	-2.5 to 2.5	Pass
				10	3.85	37.937	0.0213	-2.5 to 2.5	Pass
				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	29.211	0.0164	-2.5 to 2.5	Pass
				50	3.85	-23.475	-0.0132	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	1.659	0.0010	-2.5 to 2.5	Pass
					3.85	27.595	0.0161	-2.5 to 2.5	Pass
					4.43	-32.988	-0.0193	-2.5 to 2.5	Pass
				-30	3.85	28.853	0.0169	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	8.640	0.0050	-2.5 to 2.5	Pass
				0	3.85	-19.612	-0.0115	-2.5 to 2.5	Pass
				10	3.85	19.927	0.0116	-2.5 to 2.5	Pass
				30	3.85	24.819	0.0145	-2.5 to 2.5	Pass
				40	3.85	21.043	0.0123	-2.5 to 2.5	Pass
				50	3.85	21.915	0.0128	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	9.656	0.0055	-2.5 to 2.5	Pass
					3.85	29.597	0.0170	-2.5 to 2.5	Pass
					4.43	13.962	0.0080	-2.5 to 2.5	Pass
				-30	3.85	9.055	0.0052	-2.5 to 2.5	Pass
				-20	3.85	40.154	0.0230	-2.5 to 2.5	Pass
				-10	3.85	17.796	0.0102	-2.5 to 2.5	Pass
				0	3.85	19.112	0.0110	-2.5 to 2.5	Pass
				10	3.85	20.199	0.0116	-2.5 to 2.5	Pass
				30	3.85	30.928	0.0177	-2.5 to 2.5	Pass
				40	3.85	42.644	0.0244	-2.5 to 2.5	Pass
				50	3.85	11.544	0.0066	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	25.120	0.0141	-2.5 to 2.5	Pass
					3.85	34.347	0.0193	-2.5 to 2.5	Pass
					4.43	26.035	0.0146	-2.5 to 2.5	Pass
				-30	3.85	39.897	0.0224	-2.5 to 2.5	Pass
				-20	3.85	19.183	0.0108	-2.5 to 2.5	Pass
				-10	3.85	-12.889	-0.0072	-2.5 to 2.5	Pass
				0	3.85	30.255	0.0170	-2.5 to 2.5	Pass
				10	3.85	31.757	0.0179	-2.5 to 2.5	Pass
				30	3.85	27.251	0.0153	-2.5 to 2.5	Pass
				40	3.85	10.400	0.0058	-2.5 to 2.5	Pass
				50	3.85	9.942	0.0056	-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	-30.885	-0.0180	-2.5 to 2.5	Pass
					3.85	-49.853	-0.0291	-2.5 to 2.5	Pass
					4.43	-17.924	-0.0105	-2.5 to 2.5	Pass

				-30	3.85	-15.507	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-35.963	-0.0210	-2.5 to 2.5	Pass
				-10	3.85	-17.567	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-18.168	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-35.849	-0.0209	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-27.065	-0.0158	-2.5 to 2.5	Pass
				50	3.85	25.120	0.0147	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-28.353	-0.0162	-2.5 to 2.5	Pass
					3.85	-23.947	-0.0137	-2.5 to 2.5	Pass
					4.43	-33.760	-0.0193	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-12.274	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-15.306	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-11.072	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-31.972	-0.0183	-2.5 to 2.5	Pass
				30	3.85	-13.390	-0.0077	-2.5 to 2.5	Pass
				40	3.85	6.080	0.0035	-2.5 to 2.5	Pass
				50	3.85	5.207	0.0030	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	21.715	0.0122	-2.5 to 2.5	Pass
					3.85	36.907	0.0208	-2.5 to 2.5	Pass
					4.43	22.402	0.0126	-2.5 to 2.5	Pass
				-30	3.85	6.022	0.0034	-2.5 to 2.5	Pass
				-20	3.85	33.116	0.0186	-2.5 to 2.5	Pass
				-10	3.85	13.304	0.0075	-2.5 to 2.5	Pass
				0	3.85	9.842	0.0055	-2.5 to 2.5	Pass
				10	3.85	22.316	0.0126	-2.5 to 2.5	Pass
				30	3.85	34.547	0.0194	-2.5 to 2.5	Pass
				40	3.85	45.919	0.0258	-2.5 to 2.5	Pass
				50	3.85	41.027	0.0231	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	24.090	0.0141	-2.5 to 2.5	Pass
					3.85	17.581	0.0103	-2.5 to 2.5	Pass
					4.43	-1.130	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				-10	3.85	20.728	0.0121	-2.5 to 2.5	Pass
				0	3.85	31.571	0.0184	-2.5 to 2.5	Pass
				10	3.85	-71.540	-0.0418	-2.5 to 2.5	Pass
				30	3.85	-24.590	-0.0144	-2.5 to 2.5	Pass
				40	3.85	-25.349	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-20.714	-0.0121	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	19.455	0.0111	-2.5 to 2.5	Pass
					3.85	12.746	0.0073	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	11.029	0.0063	-2.5 to 2.5	Pass
				-20	3.85	17.681	0.0101	-2.5 to 2.5	Pass
				-10	3.85	26.379	0.0151	-2.5 to 2.5	Pass
				0	3.85	41.027	0.0235	-2.5 to 2.5	Pass
				10	3.85	-8.712	-0.0050	-2.5 to 2.5	Pass
				30	3.85	26.779	0.0153	-2.5 to 2.5	Pass
				40	3.85	15.407	0.0088	-2.5 to 2.5	Pass
				50	3.85	39.067	0.0224	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	31.929	0.0180	-2.5 to 2.5	Pass
					3.85	9.441	0.0053	-2.5 to 2.5	Pass
					4.43	48.051	0.0270	-2.5 to 2.5	Pass
				-30	3.85	11.673	0.0066	-2.5 to 2.5	Pass
				-20	3.85	8.025	0.0045	-2.5 to 2.5	Pass
				-10	3.85	19.541	0.0110	-2.5 to 2.5	Pass
				0	3.85	6.266	0.0035	-2.5 to 2.5	Pass

				10	3.85	34.390	0.0193	-2.5 to 2.5	Pass
				30	3.85	19.240	0.0108	-2.5 to 2.5	Pass
				40	3.85	15.163	0.0085	-2.5 to 2.5	Pass
				50	3.85	17.996	0.0101	-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	-27.280	-0.0159	-2.5 to 2.5	Pass
					3.85	-23.360	-0.0136	-2.5 to 2.5	Pass
					4.43	-19.441	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-24.977	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	8.469	0.0049	-2.5 to 2.5	Pass
				-10	3.85	-15.707	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-30.756	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-32.930	-0.0192	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-38.195	-0.0223	-2.5 to 2.5	Pass
				50	3.85	-16.851	-0.0098	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	1.702	0.0010	-2.5 to 2.5	Pass
					3.85	-14.491	-0.0083	-2.5 to 2.5	Pass
					4.43	-23.017	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-14.420	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-39.010	-0.0224	-2.5 to 2.5	Pass
				0	3.85	-16.007	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0039	-2.5 to 2.5	Pass
				30	3.85	4.950	0.0028	-2.5 to 2.5	Pass
				40	3.85	31.586	0.0181	-2.5 to 2.5	Pass
				50	3.85	15.950	0.0091	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	23.932	0.0135	-2.5 to 2.5	Pass
					3.85	19.612	0.0110	-2.5 to 2.5	Pass
					4.43	11.616	0.0065	-2.5 to 2.5	Pass
				-30	3.85	-10.200	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	21.014	0.0118	-2.5 to 2.5	Pass
				-10	3.85	19.326	0.0109	-2.5 to 2.5	Pass
				0	3.85	8.597	0.0048	-2.5 to 2.5	Pass
				10	3.85	10.428	0.0059	-2.5 to 2.5	Pass
				30	3.85	24.490	0.0138	-2.5 to 2.5	Pass
				40	3.85	38.366	0.0216	-2.5 to 2.5	Pass
				50	3.85	41.685	0.0235	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-21.358	-0.0125	-2.5 to 2.5	Pass
					3.85	27.895	0.0163	-2.5 to 2.5	Pass
					4.43	5.035	0.0029	-2.5 to 2.5	Pass
				-30	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-10.271	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				0	3.85	9.770	0.0057	-2.5 to 2.5	Pass
				10	3.85	30.885	0.0180	-2.5 to 2.5	Pass
				30	3.85	4.964	0.0029	-2.5 to 2.5	Pass
				40	3.85	5.665	0.0033	-2.5 to 2.5	Pass
				50	3.85	11.973	0.0070	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	26.035	0.0149	-2.5 to 2.5	Pass
					3.85	32.659	0.0187	-2.5 to 2.5	Pass
					4.43	27.652	0.0158	-2.5 to 2.5	Pass

				-30	3.85	-7.968	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	24.719	0.0142	-2.5 to 2.5	Pass
				-10	3.85	39.167	0.0224	-2.5 to 2.5	Pass
				0	3.85	18.926	0.0108	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	32.115	0.0184	-2.5 to 2.5	Pass
				40	3.85	19.083	0.0109	-2.5 to 2.5	Pass
				50	3.85	33.646	0.0193	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	30.856	0.0174	-2.5 to 2.5	Pass
					3.85	1.802	0.0010	-2.5 to 2.5	Pass
					4.43	39.897	0.0225	-2.5 to 2.5	Pass
				-30	3.85	-15.593	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	37.708	0.0212	-2.5 to 2.5	Pass
				-10	3.85	36.635	0.0206	-2.5 to 2.5	Pass
				0	3.85	-24.090	-0.0136	-2.5 to 2.5	Pass
				10	3.85	42.086	0.0237	-2.5 to 2.5	Pass
				30	3.85	13.576	0.0076	-2.5 to 2.5	Pass
				40	3.85	8.955	0.0050	-2.5 to 2.5	Pass
				50	3.85	36.421	0.0205	-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	-31.972	-0.0186	-2.5 to 2.5	Pass
					3.85	-31.214	-0.0182	-2.5 to 2.5	Pass
					4.43	-36.664	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-26.035	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-31.013	-0.0181	-2.5 to 2.5	Pass
				-10	3.85	-23.847	-0.0139	-2.5 to 2.5	Pass
				0	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				10	3.85	-28.839	-0.0168	-2.5 to 2.5	Pass
				30	3.85	5.436	0.0032	-2.5 to 2.5	Pass
				40	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				50	3.85	-8.569	-0.0050	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	7.110	0.0041	-2.5 to 2.5	Pass
					3.85	-23.003	-0.0132	-2.5 to 2.5	Pass
					4.43	-13.776	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-16.923	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-30.856	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-17.781	-0.0102	-2.5 to 2.5	Pass
				0	3.85	7.696	0.0044	-2.5 to 2.5	Pass
				10	3.85	-18.697	-0.0107	-2.5 to 2.5	Pass
				30	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				40	3.85	9.828	0.0056	-2.5 to 2.5	Pass
				50	3.85	19.112	0.0110	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.958	0.0005	-2.5 to 2.5	Pass
					3.85	-13.962	-0.0079	-2.5 to 2.5	Pass
					4.43	-4.978	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-13.433	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-30.155	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-18.153	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-24.948	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-16.665	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	19.183	0.0108	-2.5 to 2.5	Pass

				50	3.85	35.362	0.0200	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-2.489	-0.0014	-2.5 to 2.5	Pass
					3.85	9.871	0.0057	-2.5 to 2.5	Pass
					4.43	32.487	0.0189	-2.5 to 2.5	Pass
				-30	3.85	22.802	0.0133	-2.5 to 2.5	Pass
				-20	3.85	22.073	0.0129	-2.5 to 2.5	Pass
				-10	3.85	36.936	0.0215	-2.5 to 2.5	Pass
				0	3.85	29.168	0.0170	-2.5 to 2.5	Pass
				10	3.85	25.048	0.0146	-2.5 to 2.5	Pass
				30	3.85	11.902	0.0069	-2.5 to 2.5	Pass
				40	3.85	33.960	0.0198	-2.5 to 2.5	Pass
				50	3.85	-16.408	-0.0096	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	23.990	0.0137	-2.5 to 2.5	Pass
					3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
					4.43	20.671	0.0118	-2.5 to 2.5	Pass
				-30	3.85	19.698	0.0113	-2.5 to 2.5	Pass
				-20	3.85	-13.003	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	21.687	0.0124	-2.5 to 2.5	Pass
				0	3.85	21.129	0.0121	-2.5 to 2.5	Pass
				10	3.85	35.319	0.0202	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				50	3.85	13.390	0.0077	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	6.351	0.0036	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
					4.43	9.956	0.0056	-2.5 to 2.5	Pass
				-30	3.85	32.902	0.0186	-2.5 to 2.5	Pass
				-20	3.85	32.043	0.0181	-2.5 to 2.5	Pass
				-10	3.85	-7.567	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-16.980	-0.0096	-2.5 to 2.5	Pass
				10	3.85	34.647	0.0195	-2.5 to 2.5	Pass
				30	3.85	34.933	0.0197	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				50	3.85	10.600	0.0060	-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	-40.011	-0.0233	-2.5 to 2.5	Pass
					3.85	-29.540	-0.0172	-2.5 to 2.5	Pass
					4.43	-29.311	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-19.798	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-30.227	-0.0176	-2.5 to 2.5	Pass
				-10	3.85	-28.639	-0.0167	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-25.921	-0.0151	-2.5 to 2.5	Pass
				30	3.85	-18.325	-0.0107	-2.5 to 2.5	Pass
				40	3.85	25.749	0.0150	-2.5 to 2.5	Pass
				50	3.85	33.216	0.0193	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.074	-0.0012	-2.5 to 2.5	Pass
					3.85	-20.685	-0.0119	-2.5 to 2.5	Pass
					4.43	-31.285	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-10.672	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	4.406	0.0025	-2.5 to 2.5	Pass
				-10	3.85	26.979	0.0155	-2.5 to 2.5	Pass

				0	3.85	-9.913	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-10.529	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-19.369	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-27.137	-0.0156	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	4.921	0.0028	-2.5 to 2.5	Pass
					3.85	-24.962	-0.0141	-2.5 to 2.5	Pass
					4.43	-11.044	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-32.201	-0.0182	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				0	3.85	-27.738	-0.0157	-2.5 to 2.5	Pass
				10	3.85	8.125	0.0046	-2.5 to 2.5	Pass
				30	3.85	19.870	0.0112	-2.5 to 2.5	Pass
				40	3.85	17.924	0.0101	-2.5 to 2.5	Pass
				50	3.85	25.163	0.0142	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	26.293	0.0153	-2.5 to 2.5	Pass
					3.85	12.102	0.0070	-2.5 to 2.5	Pass
					4.43	23.503	0.0137	-2.5 to 2.5	Pass
				-30	3.85	18.067	0.0105	-2.5 to 2.5	Pass
				-20	3.85	17.481	0.0102	-2.5 to 2.5	Pass
				-10	3.85	35.648	0.0207	-2.5 to 2.5	Pass
				0	3.85	14.477	0.0084	-2.5 to 2.5	Pass
				10	3.85	29.883	0.0174	-2.5 to 2.5	Pass
				30	3.85	-20.084	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-14.763	-0.0086	-2.5 to 2.5	Pass
				50	3.85	33.917	0.0197	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	18.983	0.0109	-2.5 to 2.5	Pass
					3.85	17.266	0.0099	-2.5 to 2.5	Pass
					4.43	17.910	0.0103	-2.5 to 2.5	Pass
				-30	3.85	33.016	0.0189	-2.5 to 2.5	Pass
				-20	3.85	15.264	0.0087	-2.5 to 2.5	Pass
				-10	3.85	9.828	0.0056	-2.5 to 2.5	Pass
				0	3.85	20.642	0.0118	-2.5 to 2.5	Pass
				10	3.85	28.610	0.0164	-2.5 to 2.5	Pass
				30	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				40	3.85	27.809	0.0159	-2.5 to 2.5	Pass
				50	3.85	14.348	0.0082	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	16.751	0.0095	-2.5 to 2.5	Pass
					3.85	29.712	0.0168	-2.5 to 2.5	Pass
					4.43	23.489	0.0133	-2.5 to 2.5	Pass
				-30	3.85	18.854	0.0107	-2.5 to 2.5	Pass
				-20	3.85	15.578	0.0088	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0051	-2.5 to 2.5	Pass
				0	3.85	25.663	0.0145	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0059	-2.5 to 2.5	Pass
				40	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				50	3.85	-7.353	-0.0042	-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

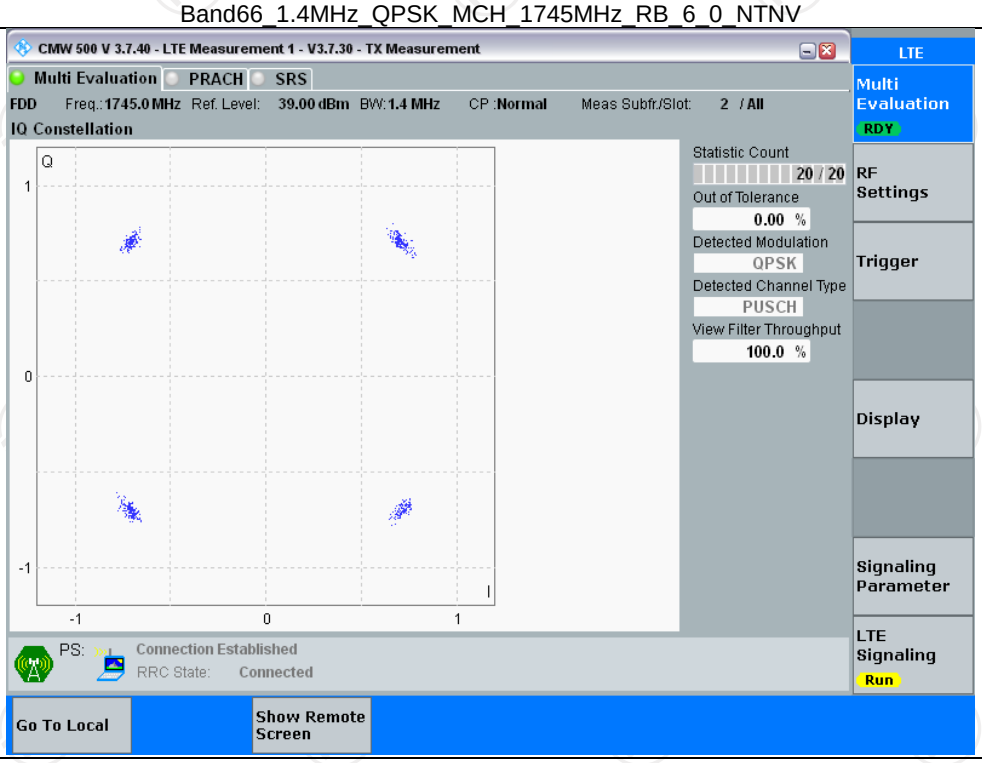
3.1.6 B66_20MHz

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

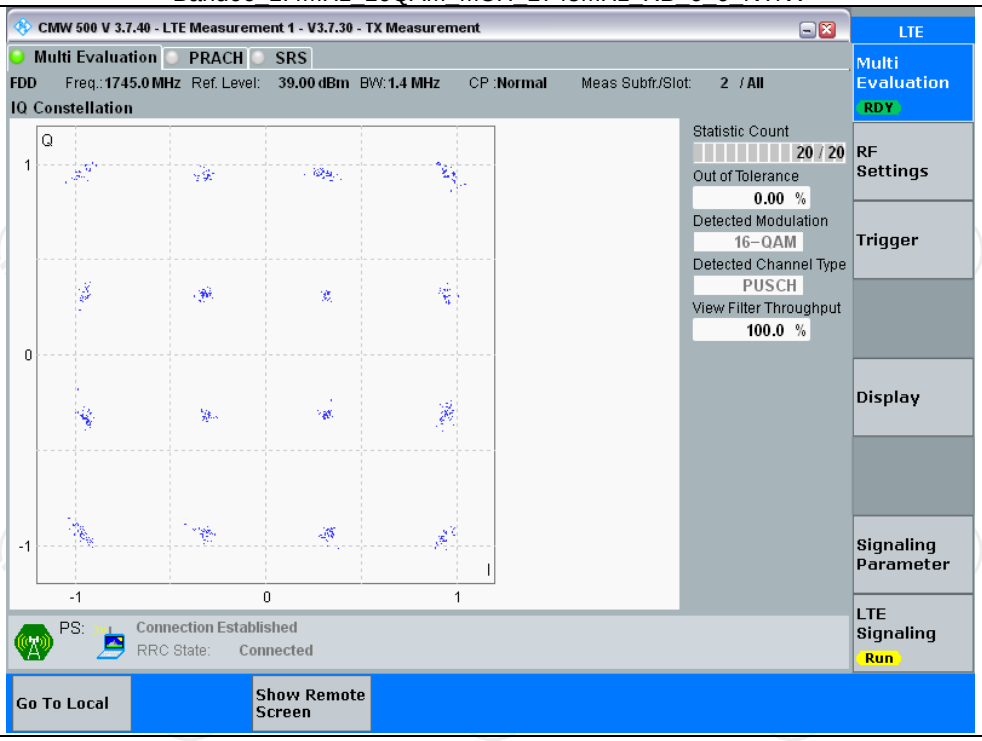
3.2 Test Graph

3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

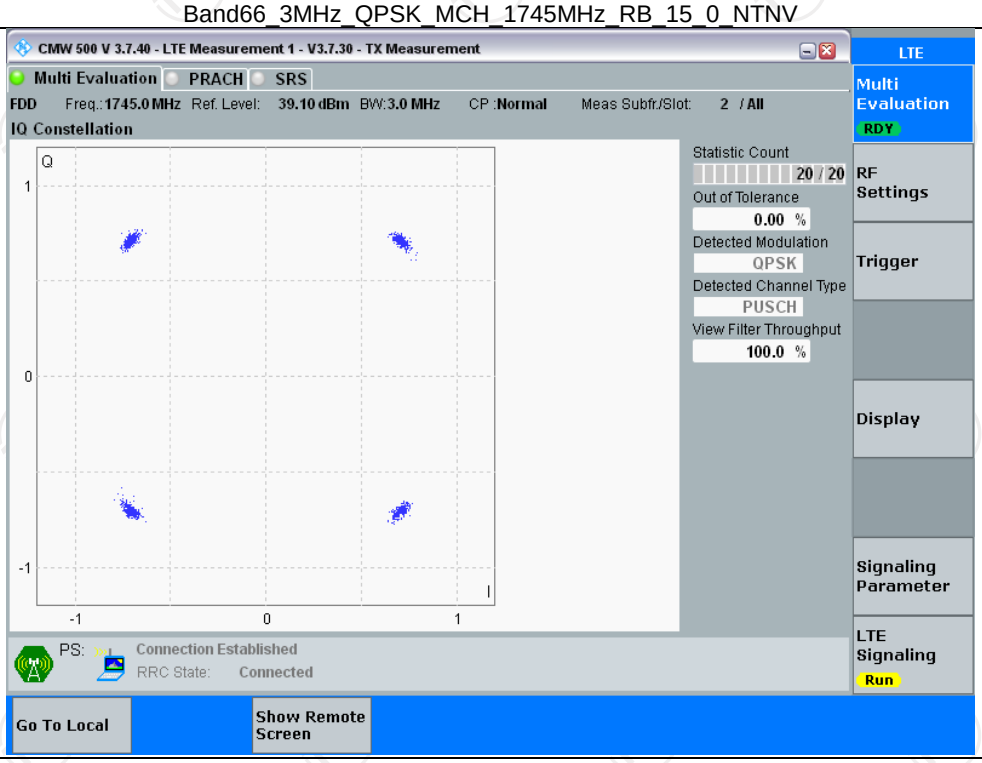


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

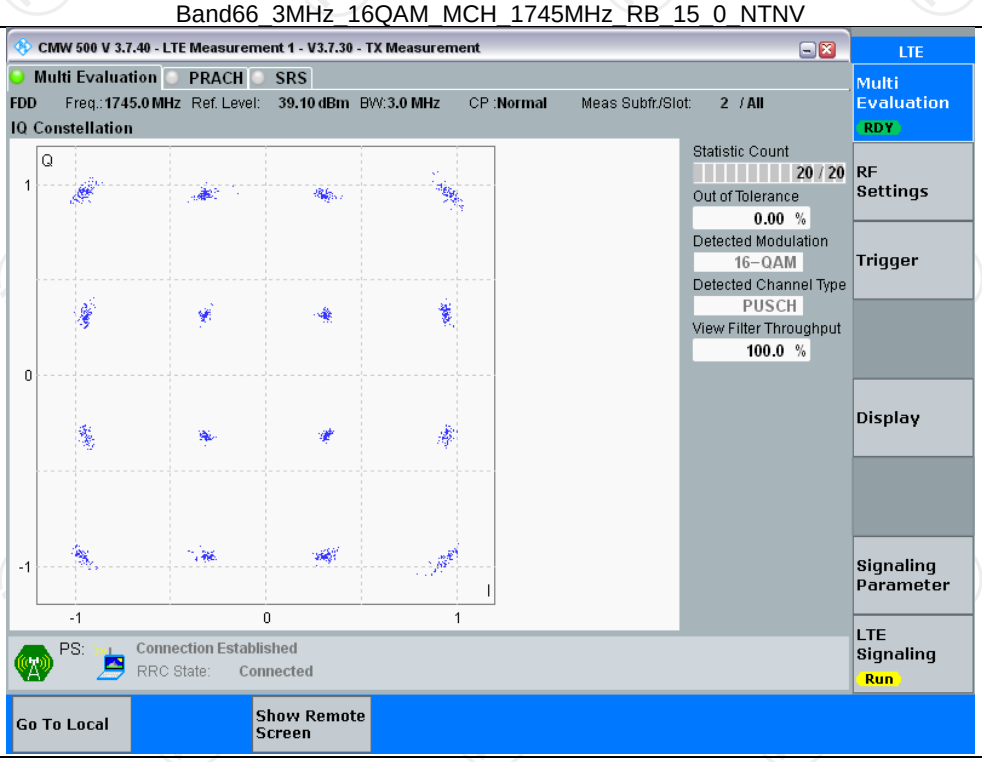


3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

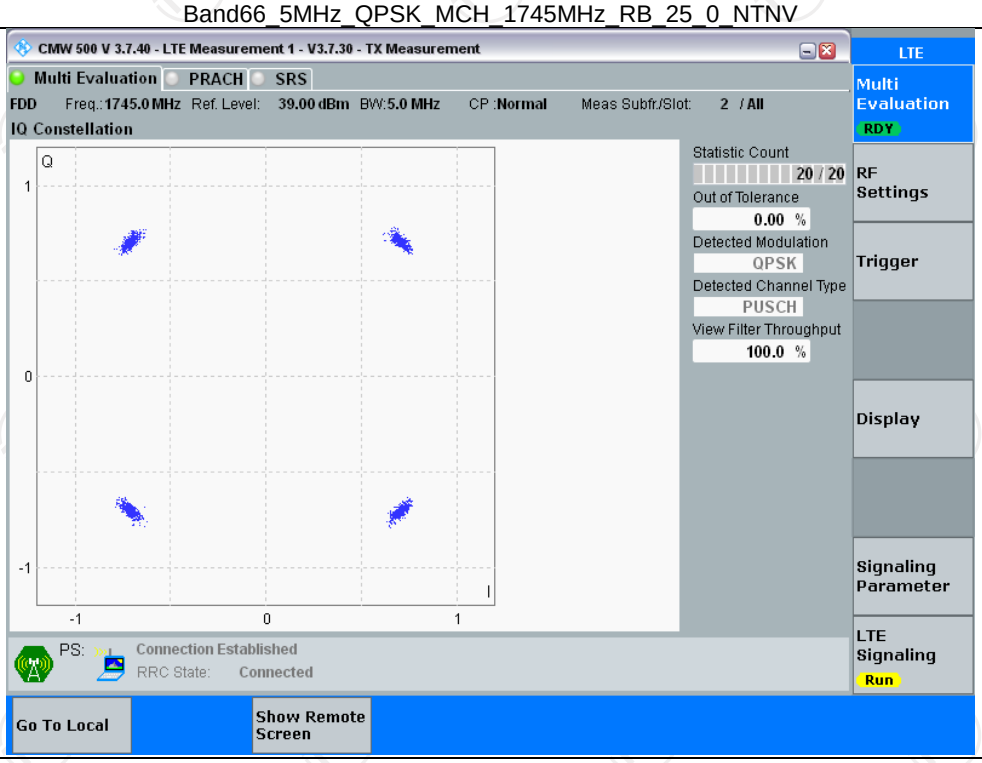


Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

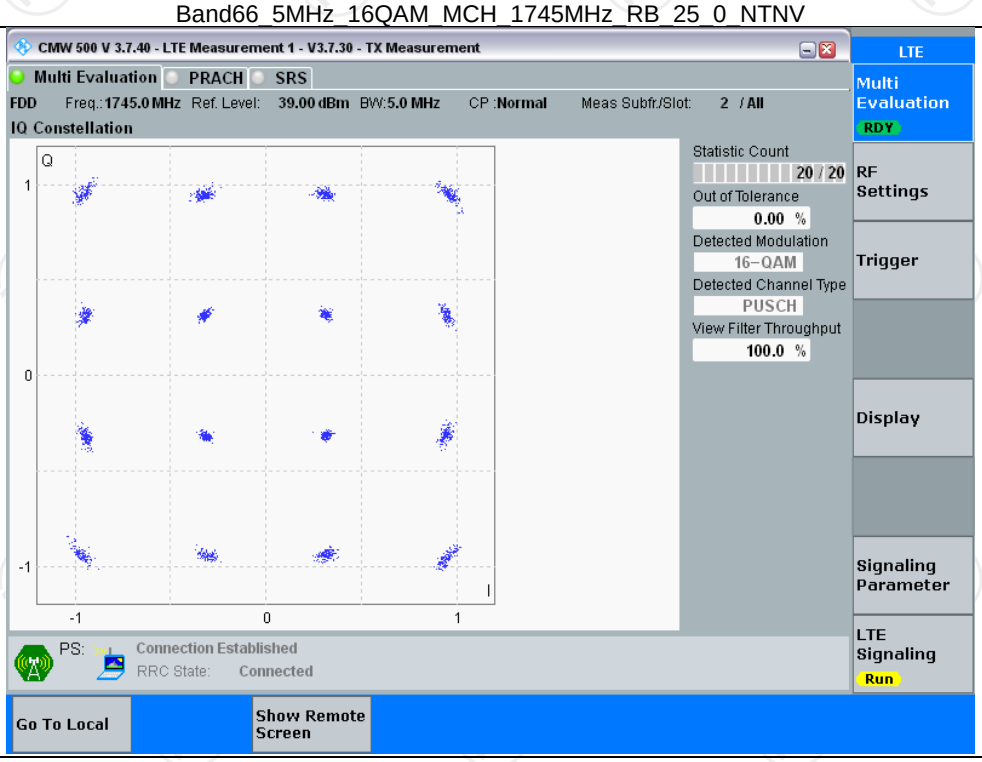


3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

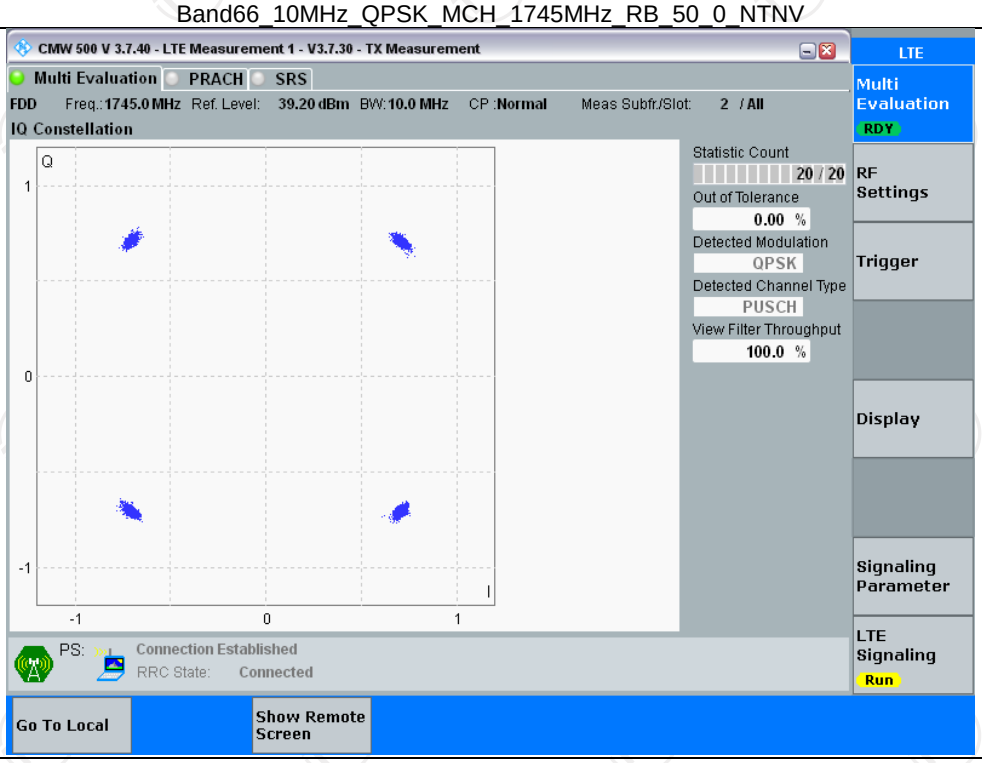


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

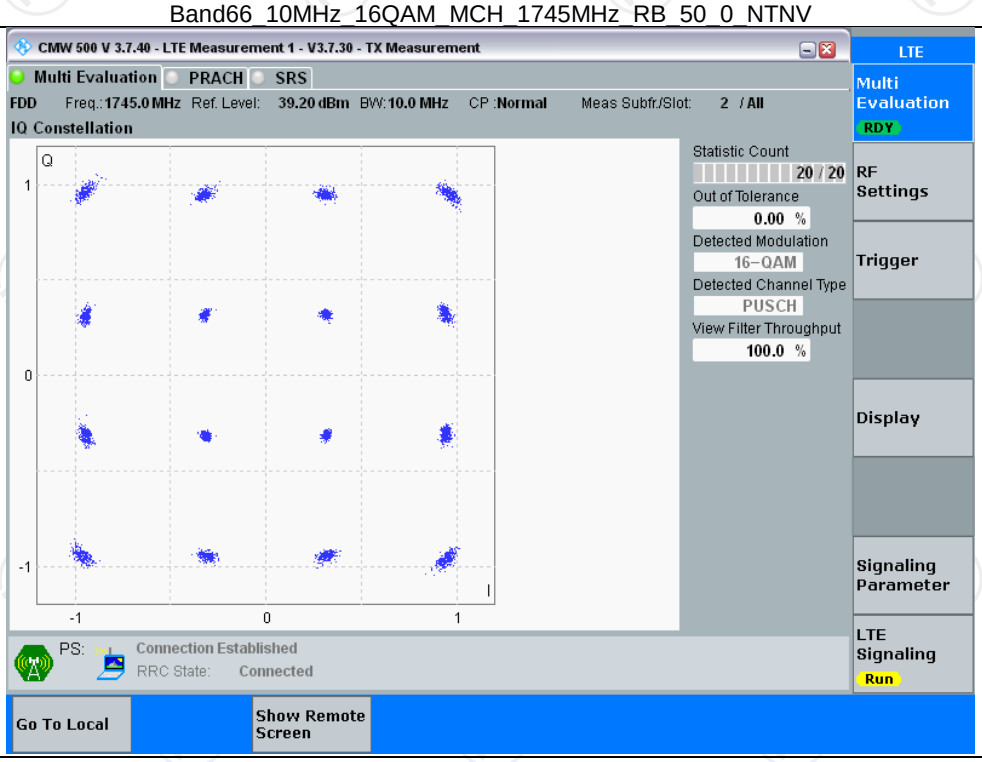


3.2.4 B66_10MHz

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

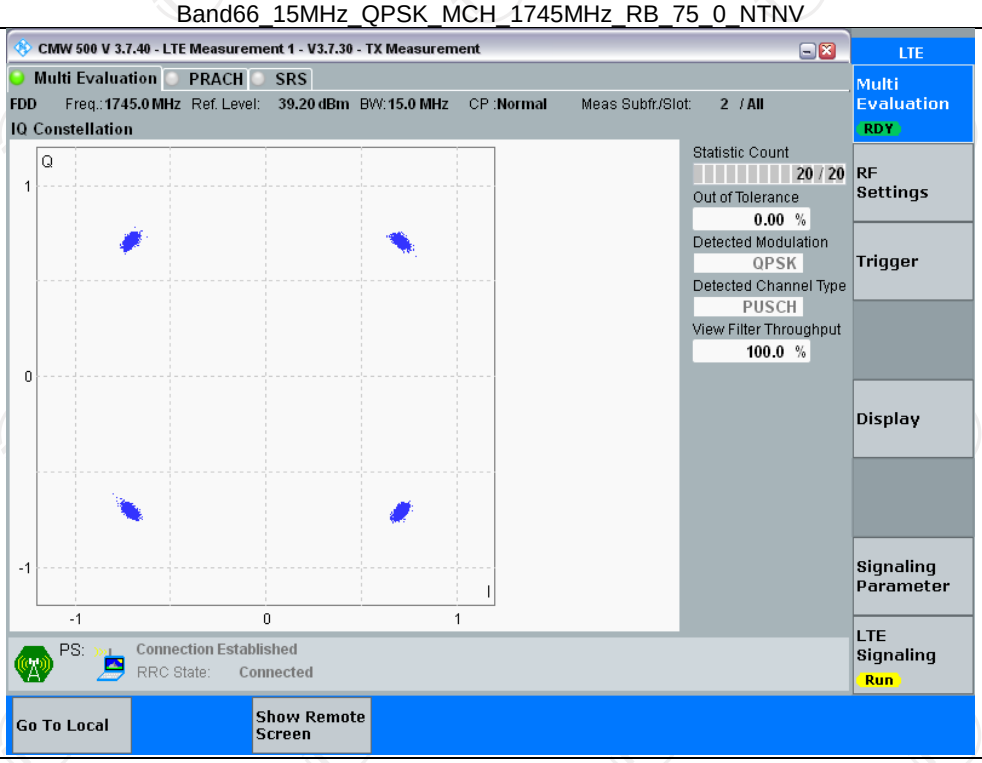


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

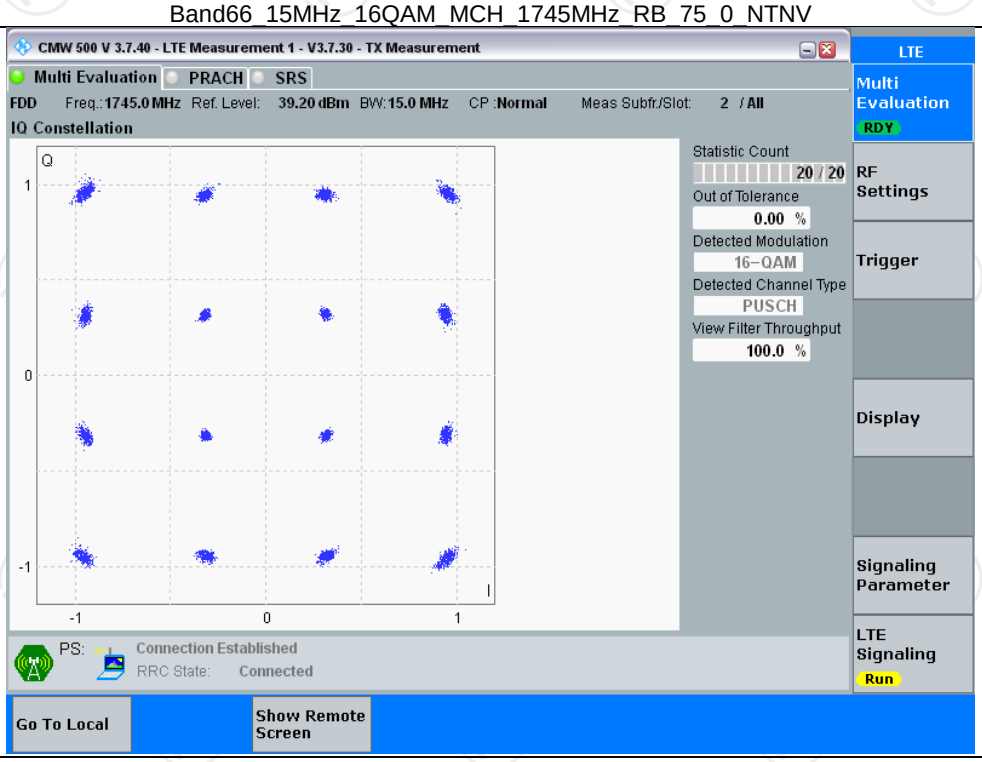


3.2.5 B66_15MHz

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

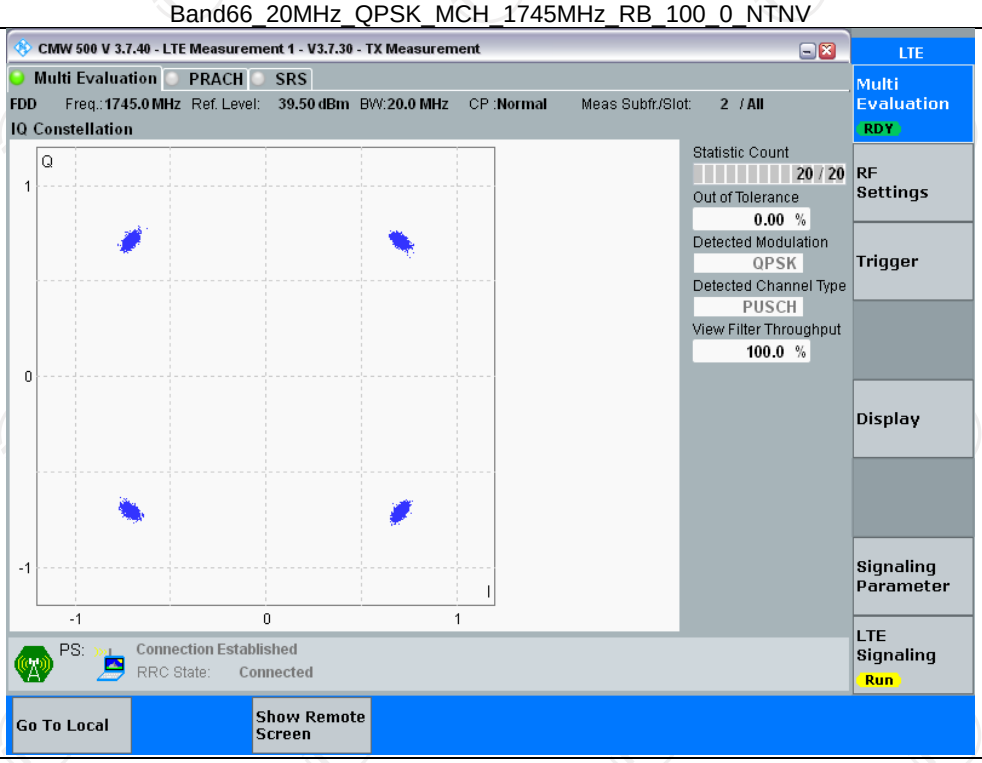


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

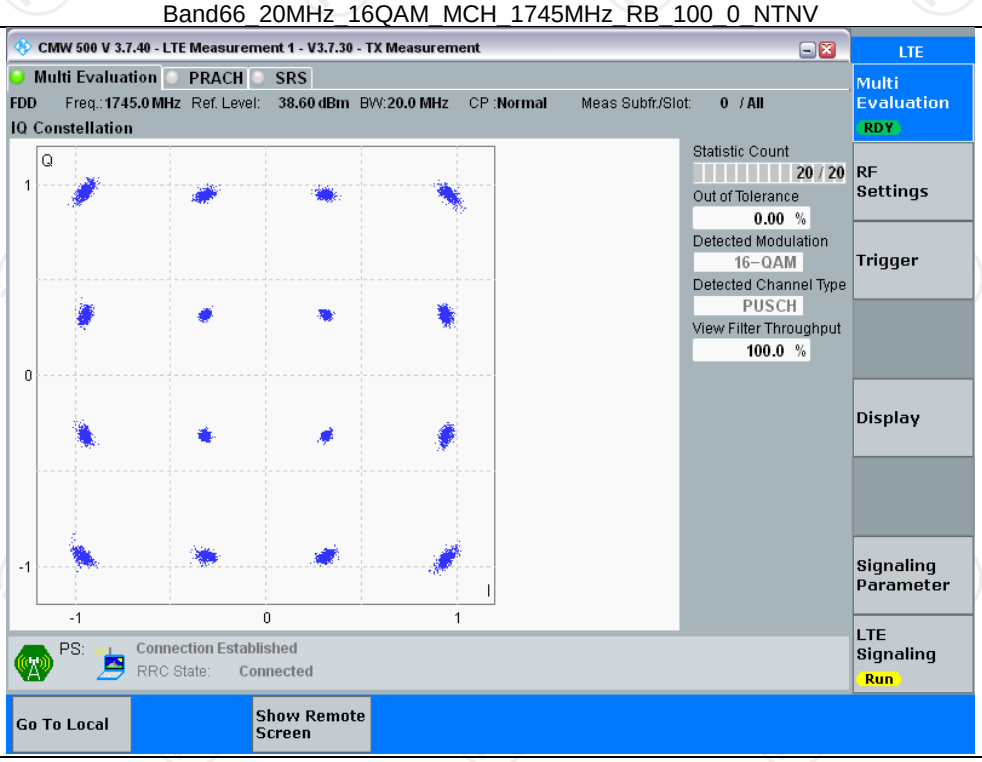


3.2.6 B66_20MHz

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	1.114	/	Pass
		1745	6	0	1.116	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.115	/	Pass
		1745	6	0	1.121	/	Pass
		1779.3	6	0	1.113	/	Pass
3	QPSK	1711.5	15	0	2.762	/	Pass
		1745	15	0	2.746	/	Pass
		1778.5	15	0	2.766	/	Pass
	16QAM	1711.5	15	0	2.755	/	Pass
		1745	15	0	2.750	/	Pass
		1778.5	15	0	2.768	/	Pass
5	QPSK	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.553	/	Pass
		1777.5	25	0	4.547	/	Pass
	16QAM	1712.5	25	0	4.579	/	Pass
		1745	25	0	4.578	/	Pass
		1777.5	25	0	4.522	/	Pass
10	QPSK	1715	50	0	9.095	/	Pass
		1745	50	0	9.060	/	Pass
		1775	50	0	9.011	/	Pass
	16QAM	1715	50	0	9.059	/	Pass
		1745	50	0	9.065	/	Pass
		1775	50	0	9.028	/	Pass
15	QPSK	1717.5	75	0	13.550	/	Pass
		1745	75	0	13.567	/	Pass
		1772.5	75	0	13.580	/	Pass
	16QAM	1717.5	75	0	13.547	/	Pass
		1745	75	0	13.614	/	Pass
		1772.5	75	0	13.563	/	Pass
20	QPSK	1720	100	0	18.002	/	Pass
		1745	100	0	18.112	/	Pass
		1770	100	0	18.162	/	Pass
	16QAM	1720	100	0	18.016	/	Pass
		1745	100	0	18.085	/	Pass
		1770	100	0	18.251	/	Pass

4.1.2 Band66_XDB

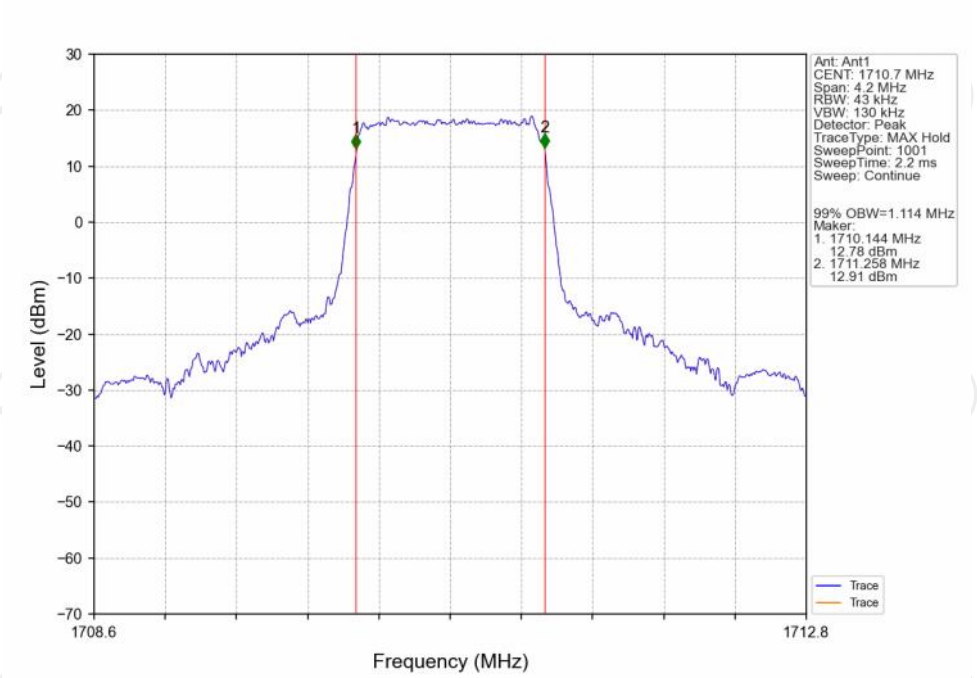
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.275	/	Pass
		1745	6	0	1.275	/	Pass
		1779.3	6	0	1.280	/	Pass

	16QAM	1710.7	6	0	1.280	/	Pass
		1745	6	0	1.285	/	Pass
		1779.3	6	0	1.272	/	Pass
3	QPSK	1711.5	15	0	3.090	/	Pass
		1745	15	0	3.105	/	Pass
		1778.5	15	0	3.116	/	Pass
	16QAM	1711.5	15	0	3.109	/	Pass
		1745	15	0	3.129	/	Pass
		1778.5	15	0	3.104	/	Pass
5	QPSK	1712.5	25	0	5.024	/	Pass
		1745	25	0	5.079	/	Pass
		1777.5	25	0	5.046	/	Pass
	16QAM	1712.5	25	0	5.048	/	Pass
		1745	25	0	5.064	/	Pass
		1777.5	25	0	5.035	/	Pass
10	QPSK	1715	50	0	10.032	/	Pass
		1745	50	0	10.022	/	Pass
		1775	50	0	9.988	/	Pass
	16QAM	1715	50	0	10.071	/	Pass
		1745	50	0	10.050	/	Pass
		1775	50	0	9.876	/	Pass
15	QPSK	1717.5	75	0	15.085	/	Pass
		1745	75	0	15.101	/	Pass
		1772.5	75	0	14.951	/	Pass
	16QAM	1717.5	75	0	14.992	/	Pass
		1745	75	0	15.111	/	Pass
		1772.5	75	0	15.009	/	Pass
20	QPSK	1720	100	0	19.940	/	Pass
		1745	100	0	19.801	/	Pass
		1770	100	0	19.826	/	Pass
	16QAM	1720	100	0	19.954	/	Pass
		1745	100	0	19.840	/	Pass
		1770	100	0	19.948	/	Pass

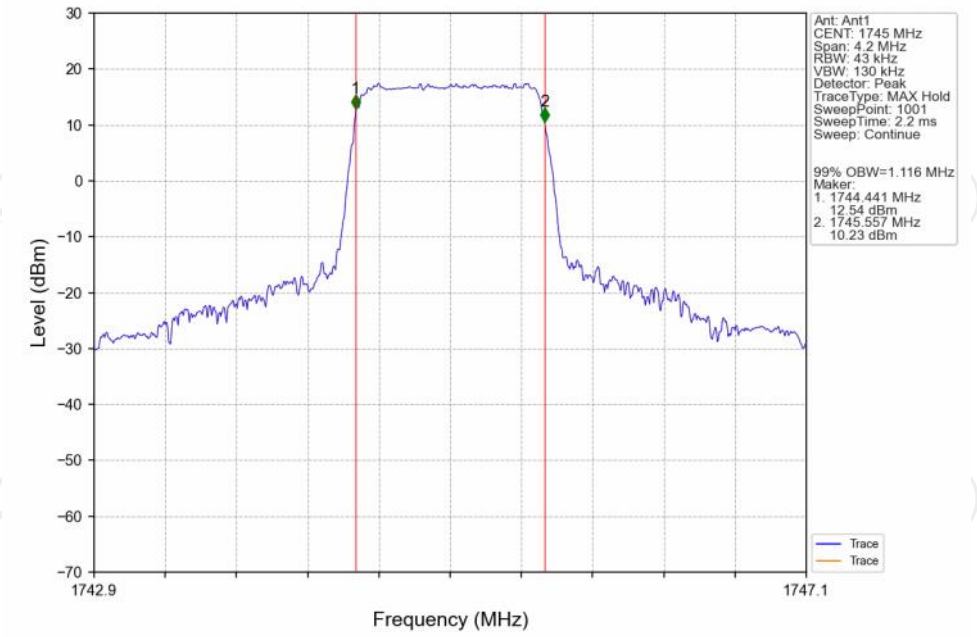
4.2 Test Graph

4.2.1 Band66_OBW

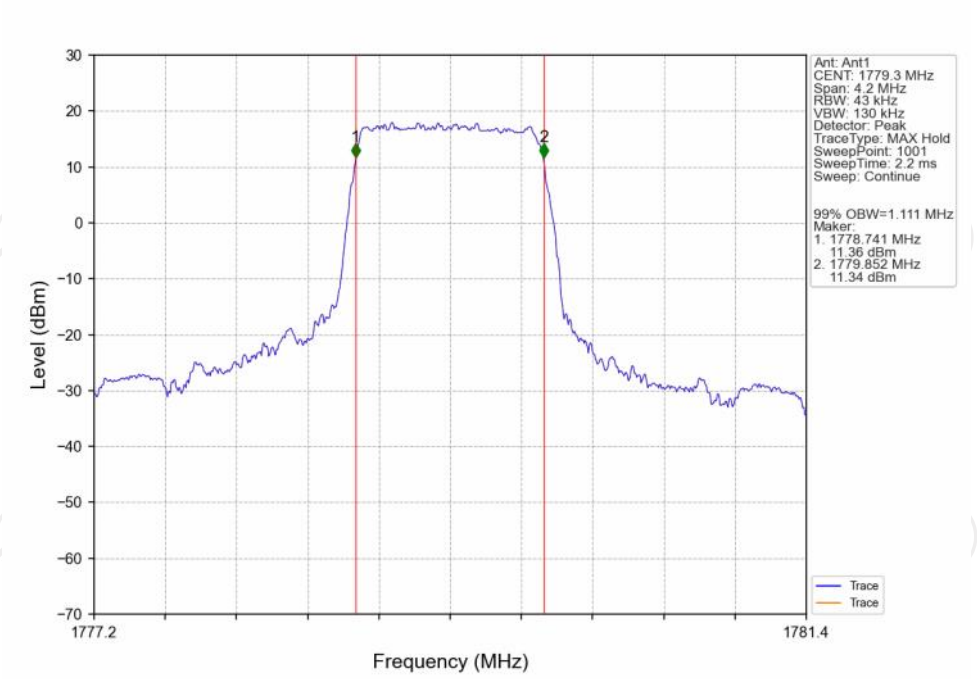
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



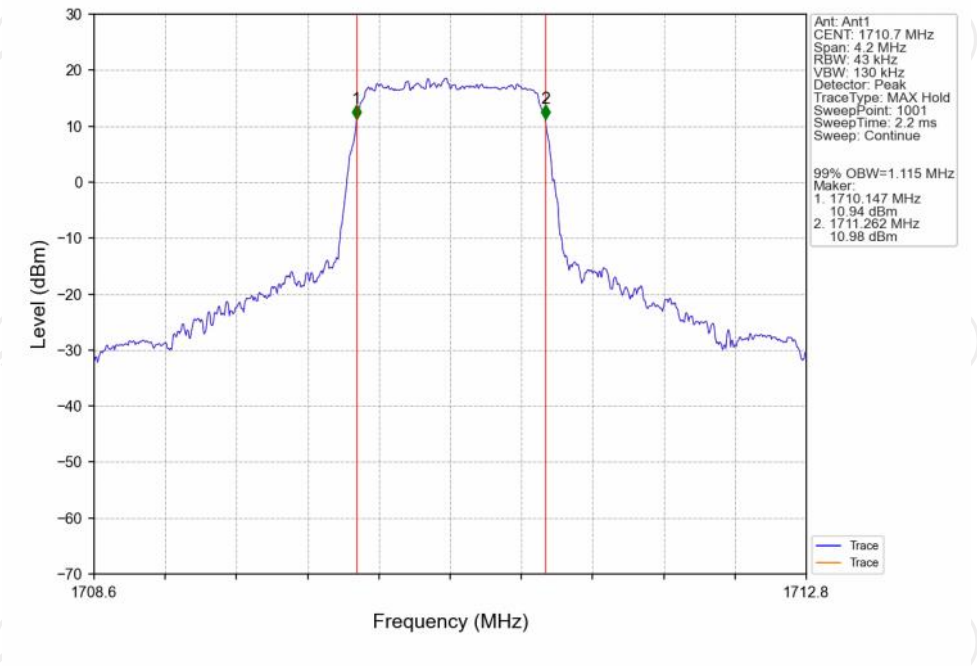
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



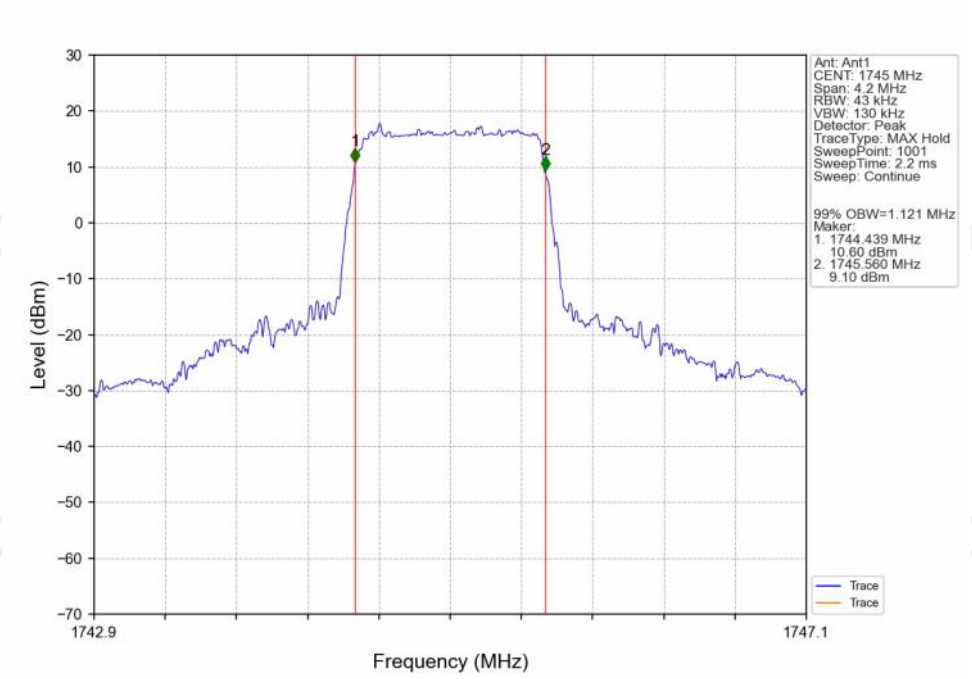
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



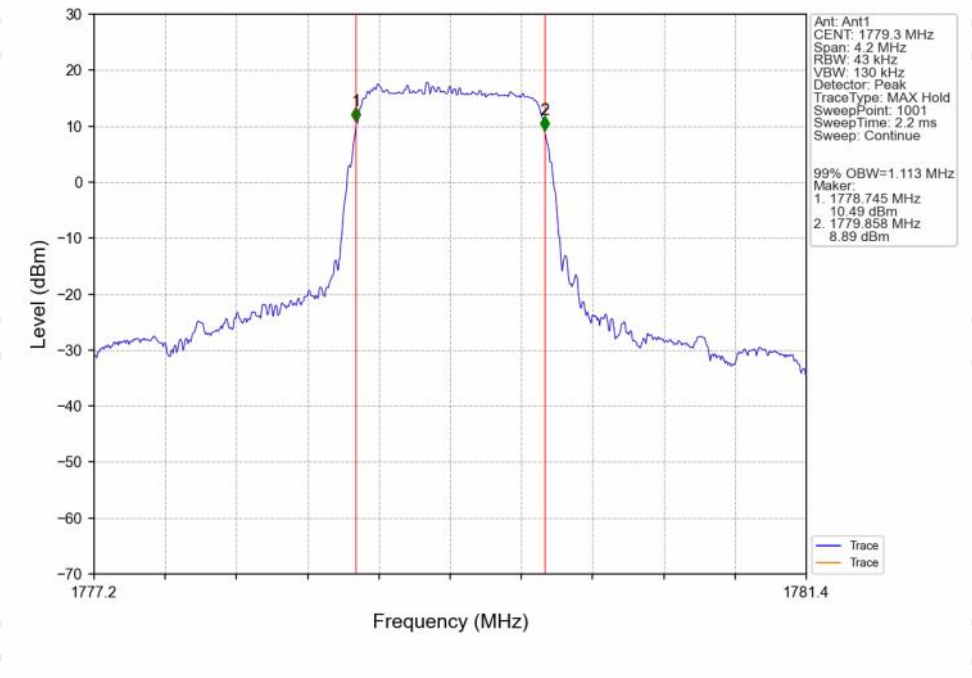
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



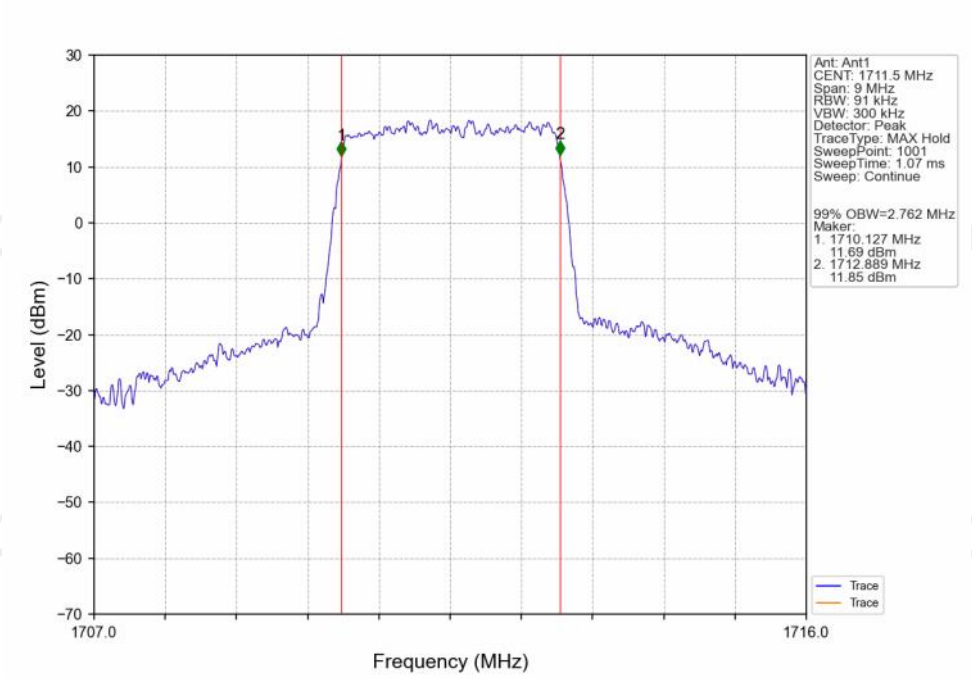
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



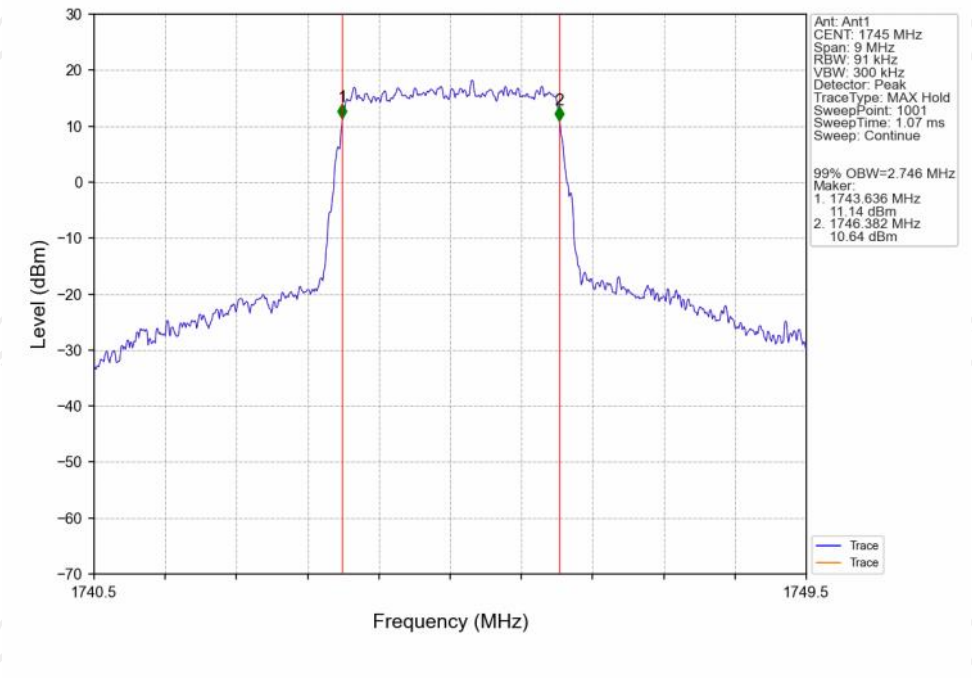
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



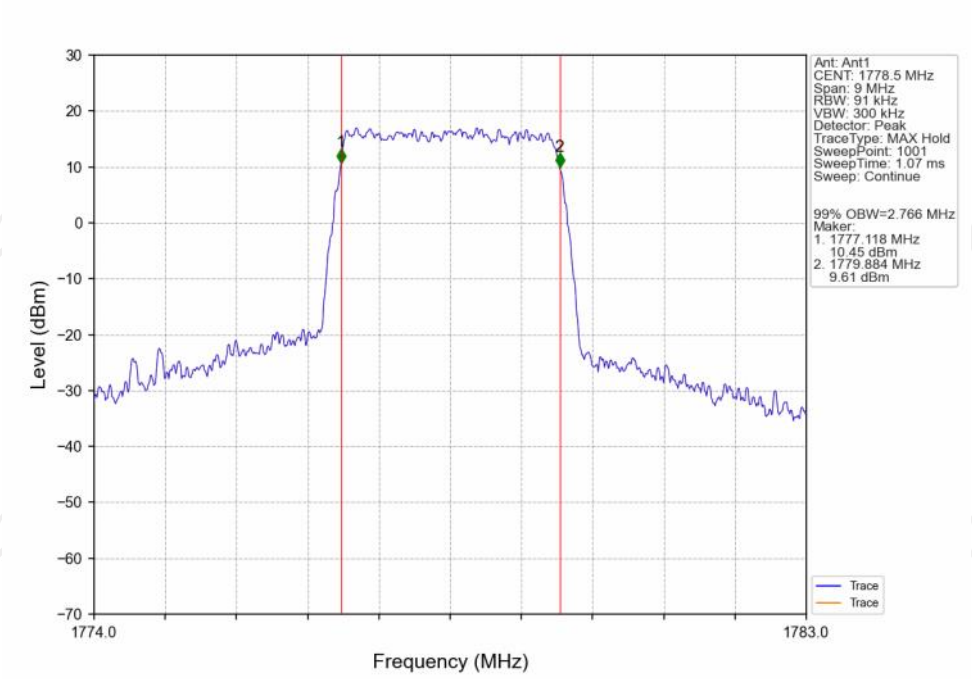
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



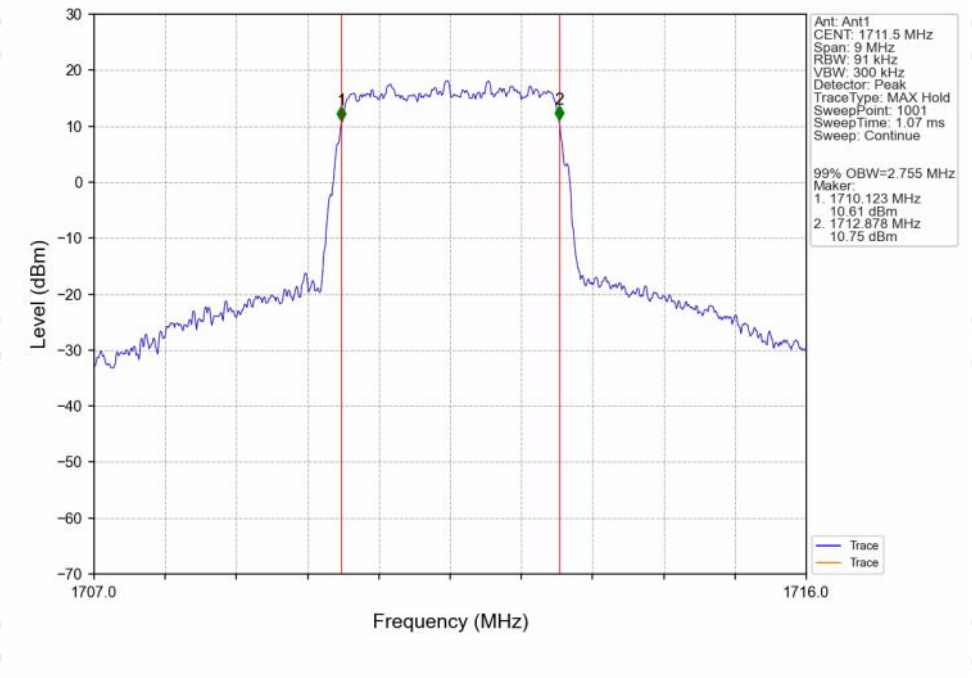
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



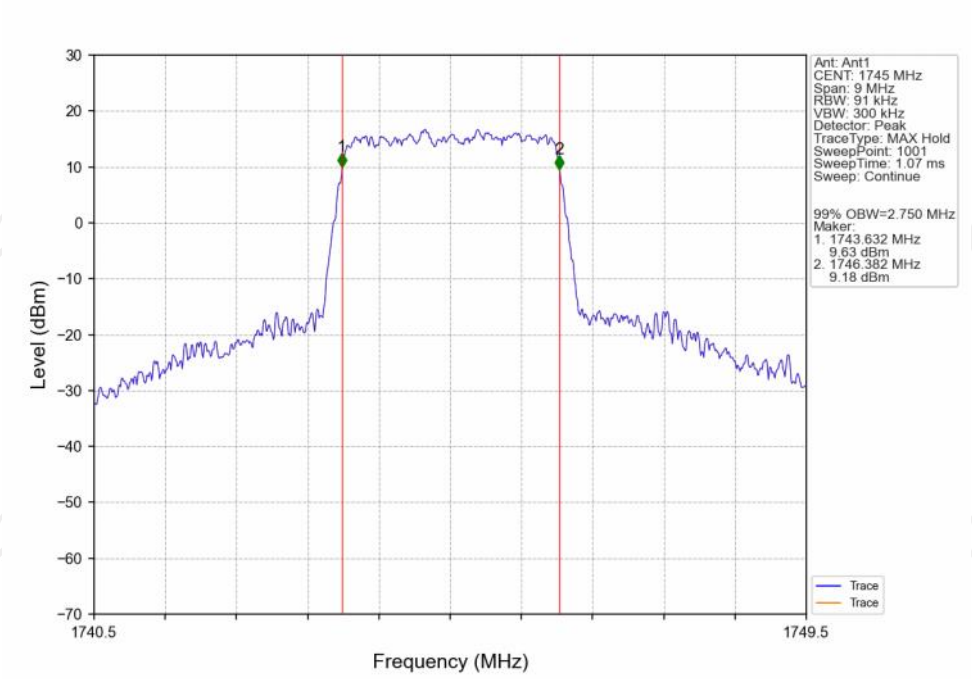
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



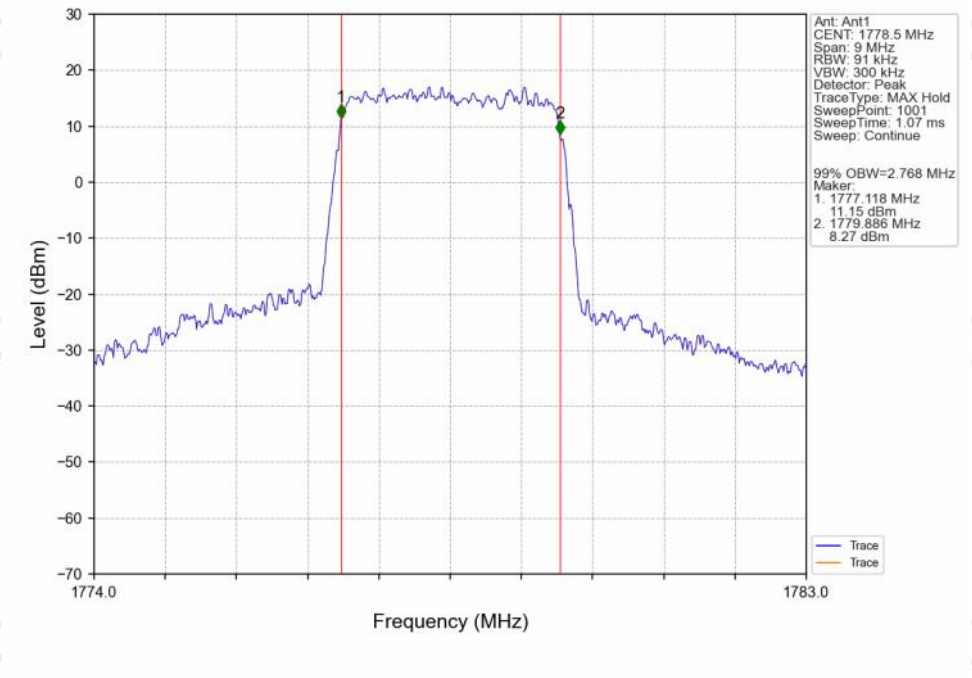
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



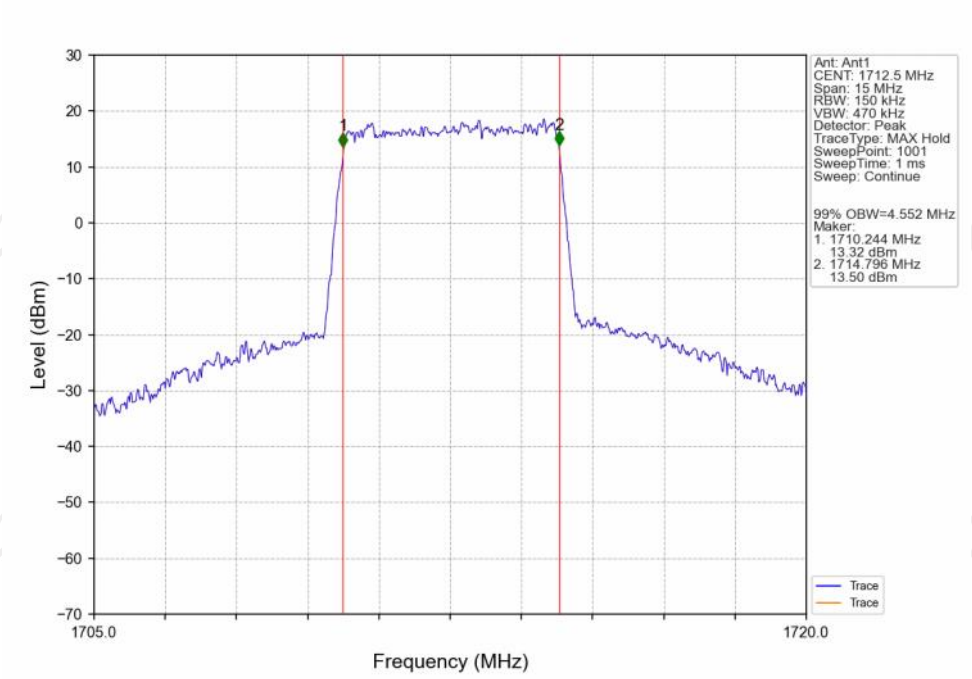
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



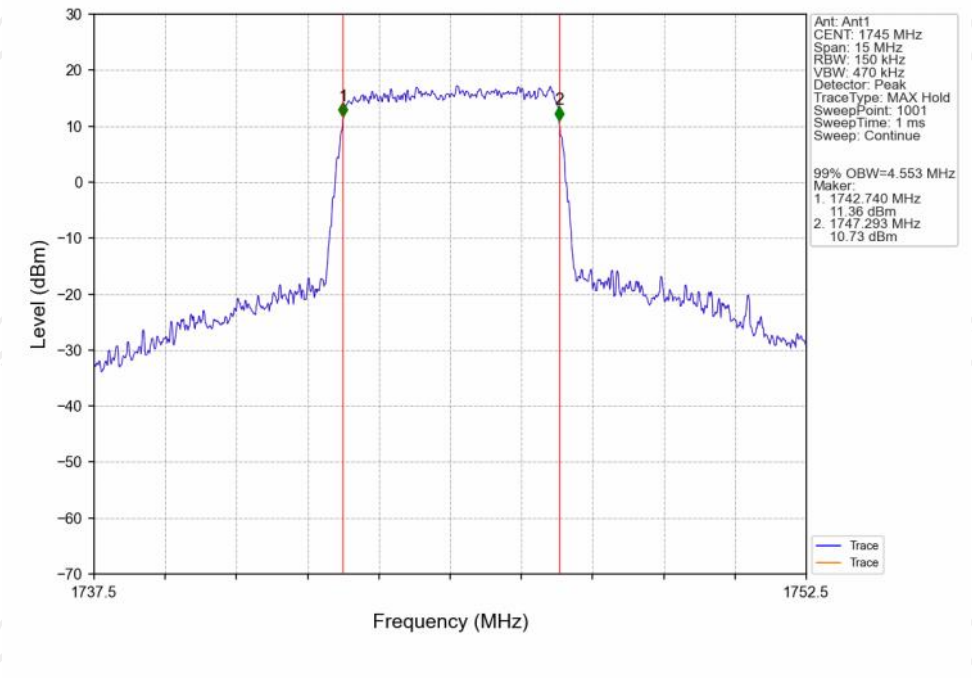
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



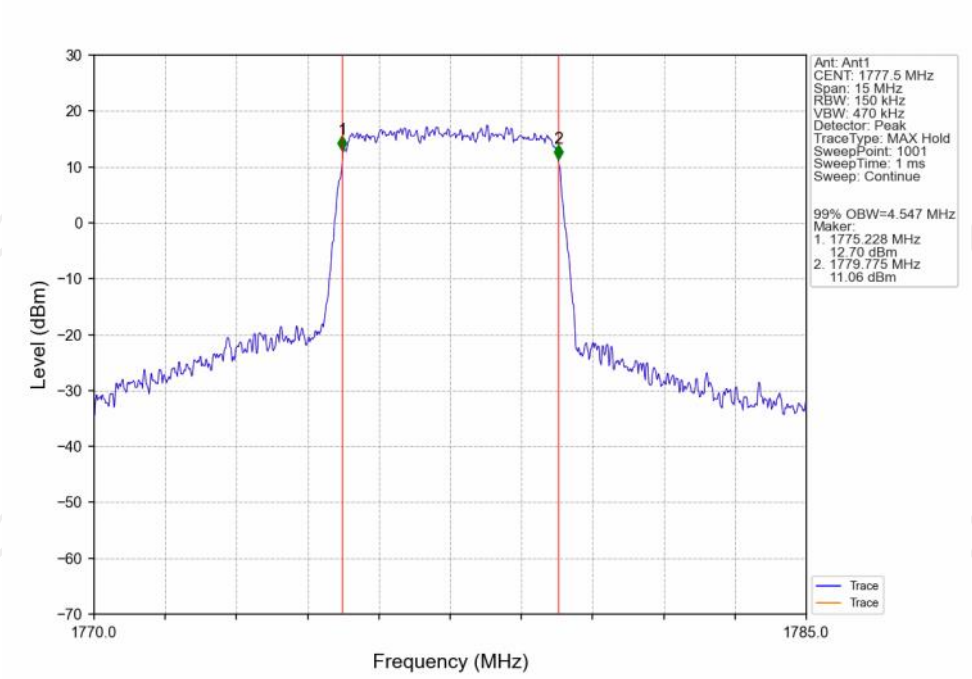
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



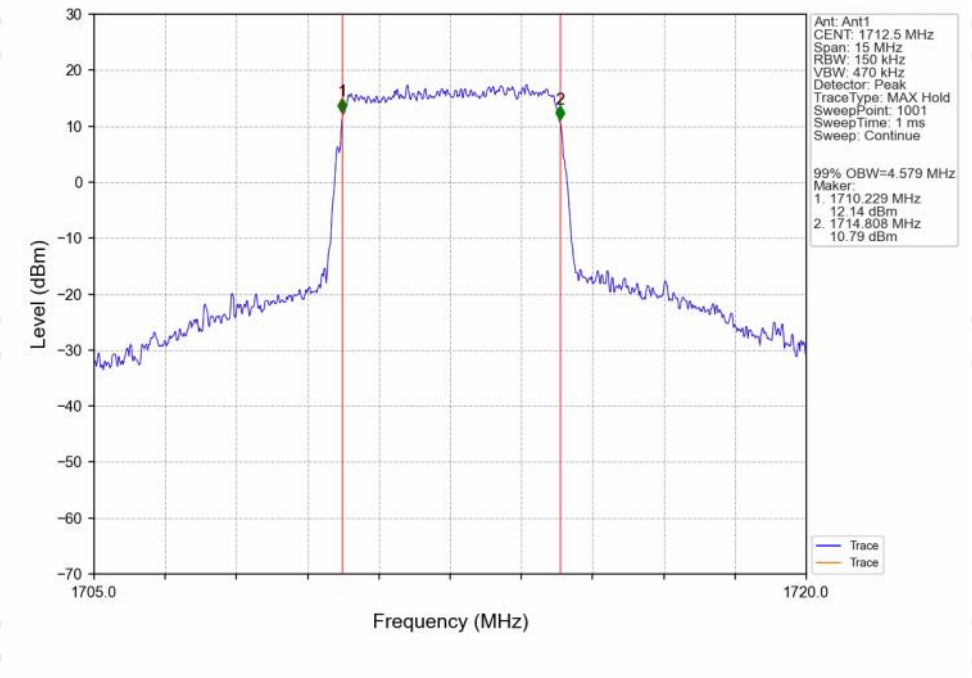
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



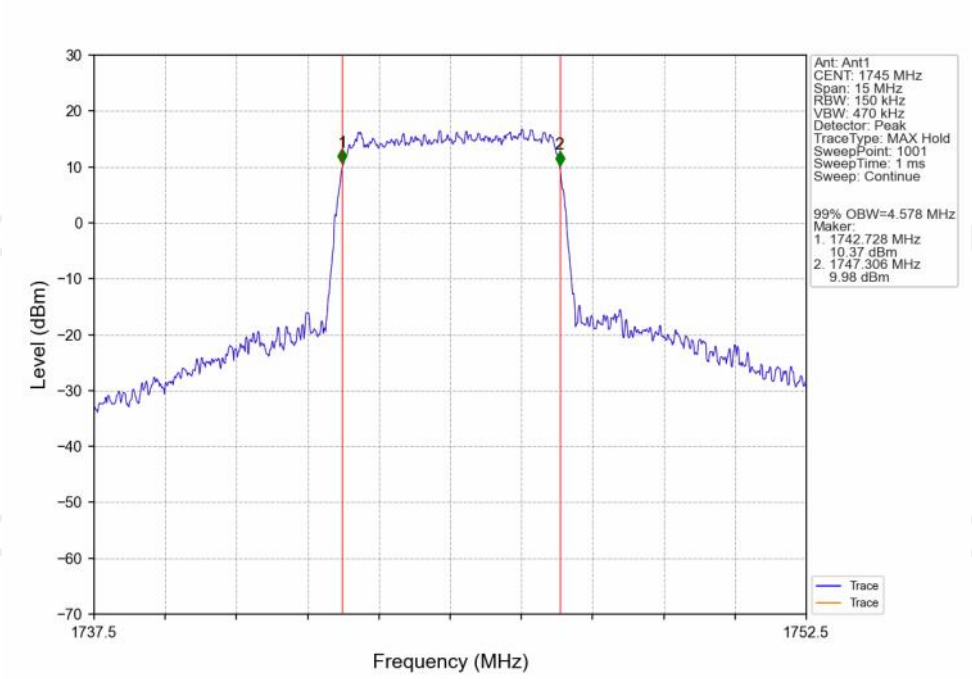
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



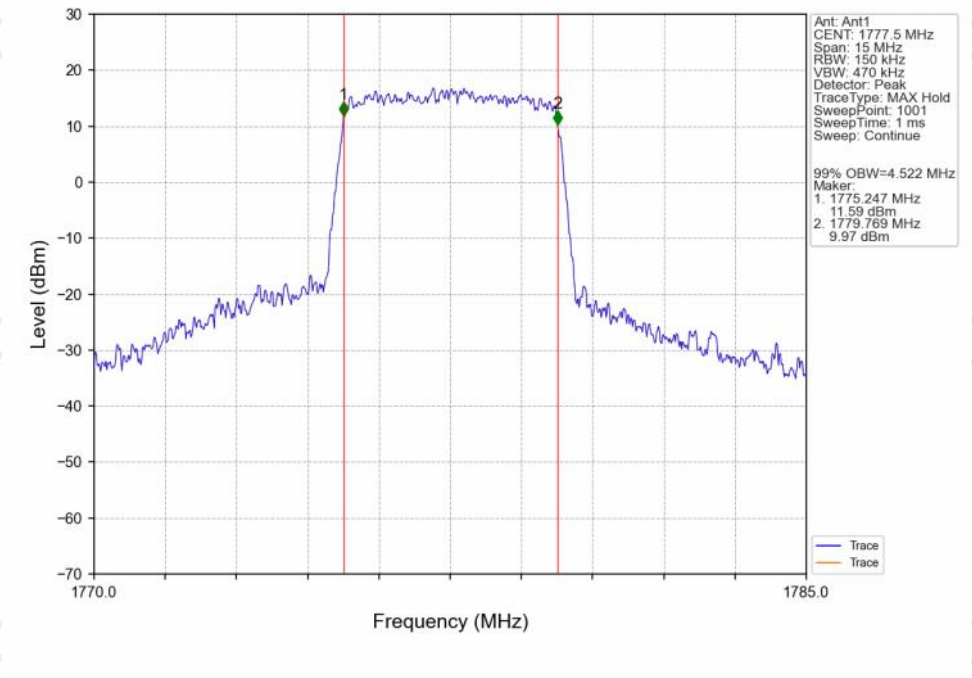
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



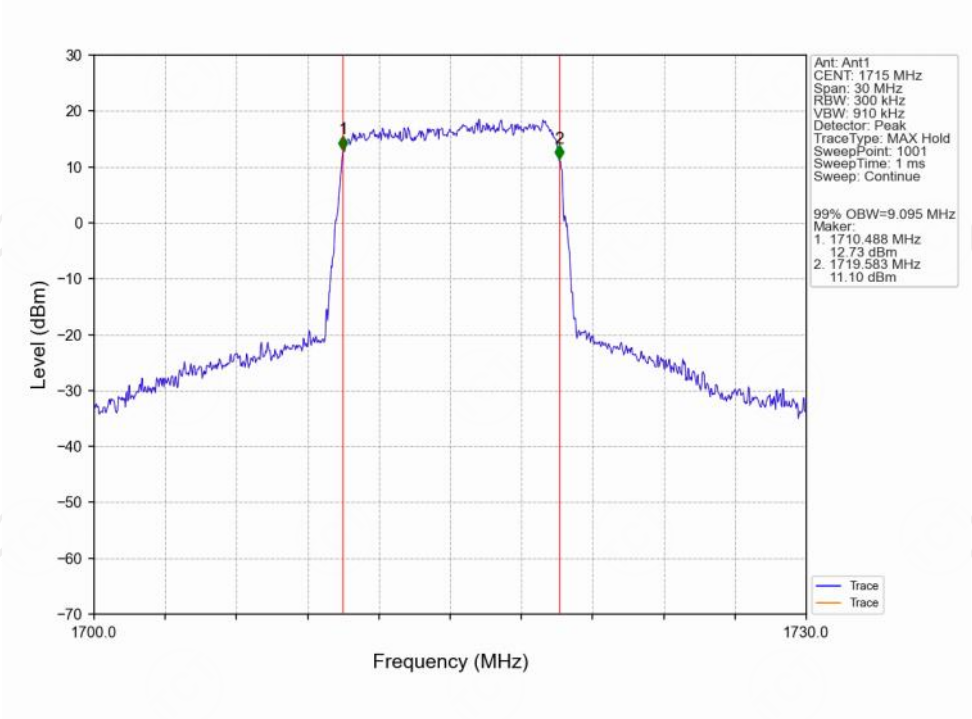
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



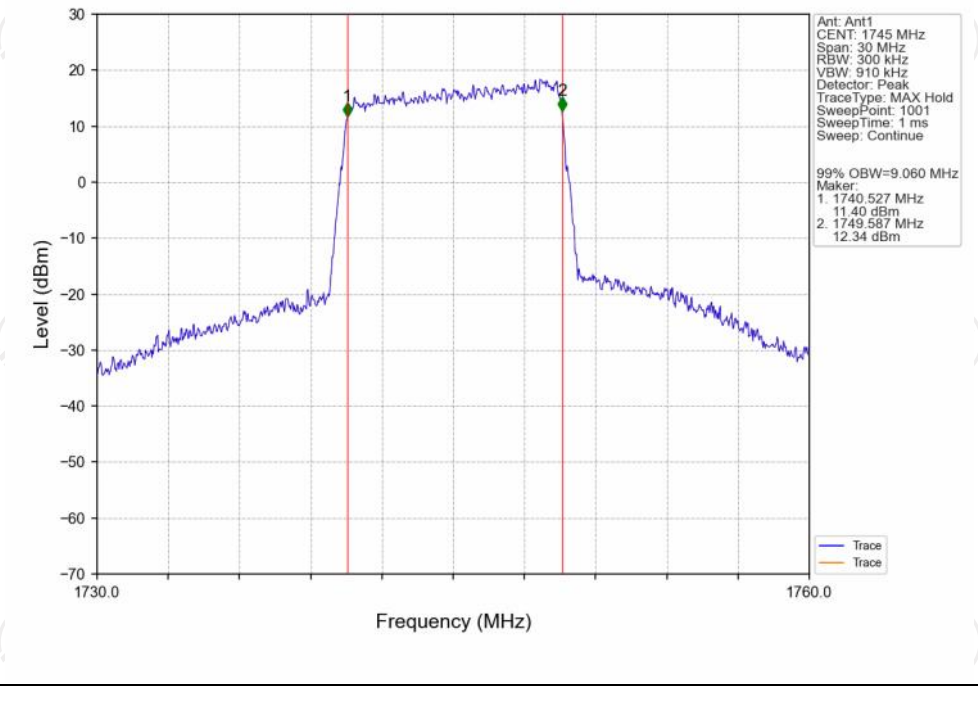
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



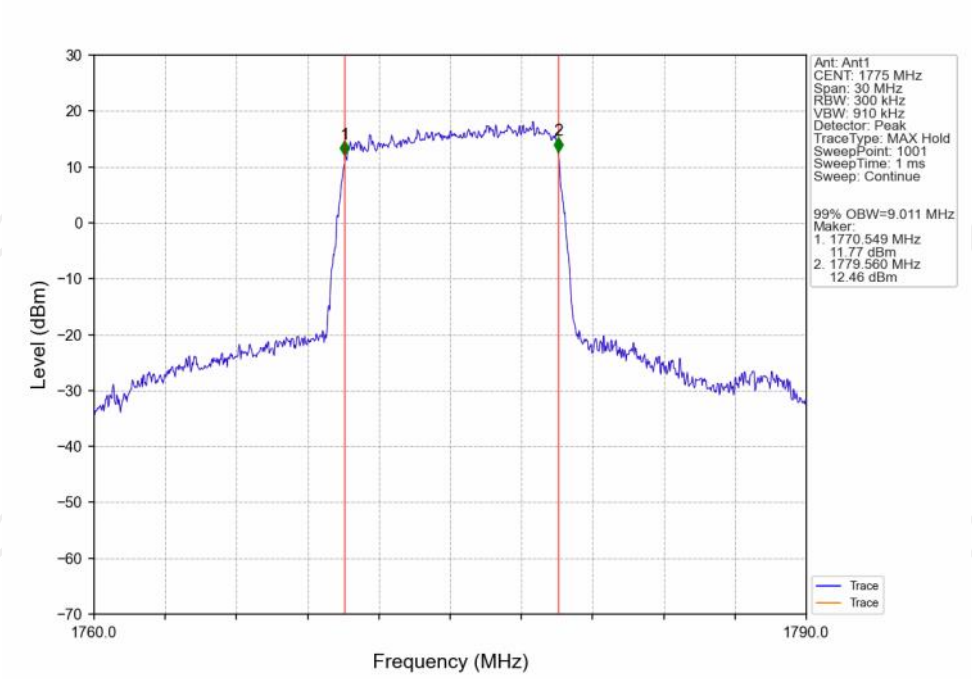
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



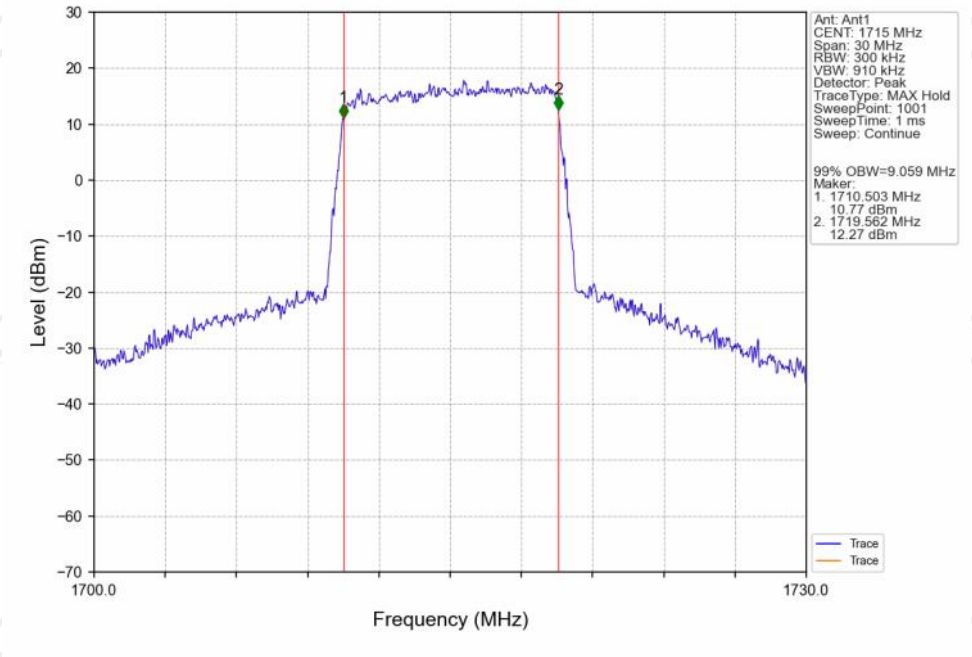
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



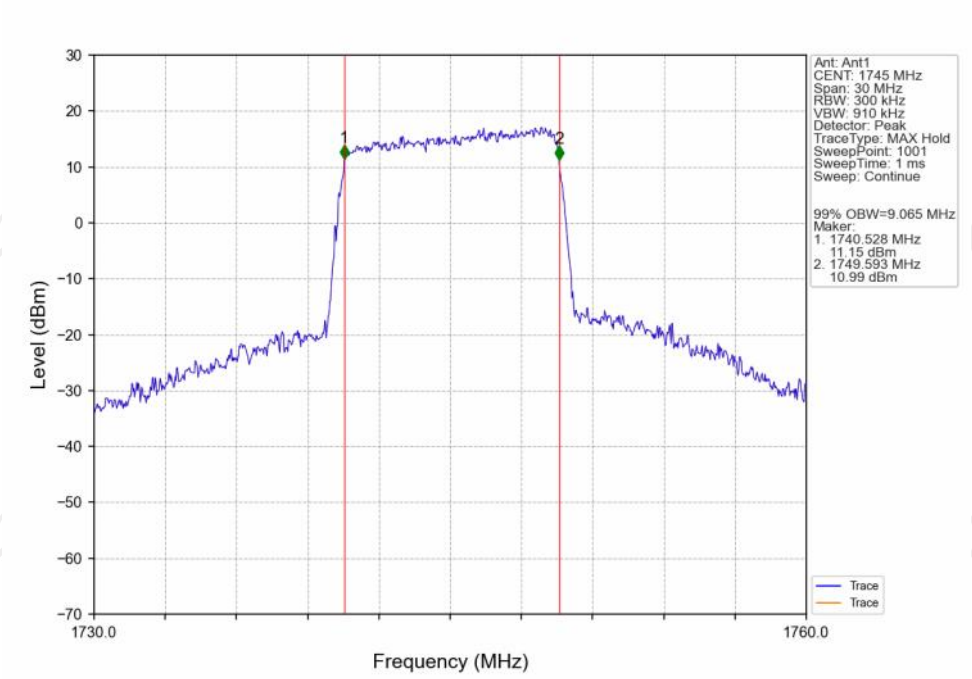
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



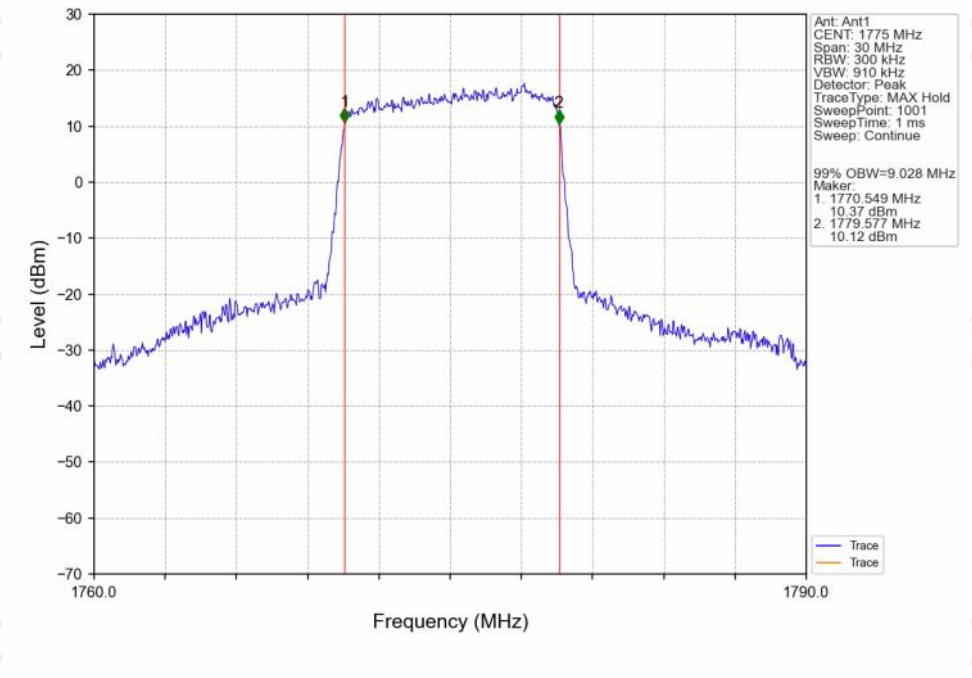
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



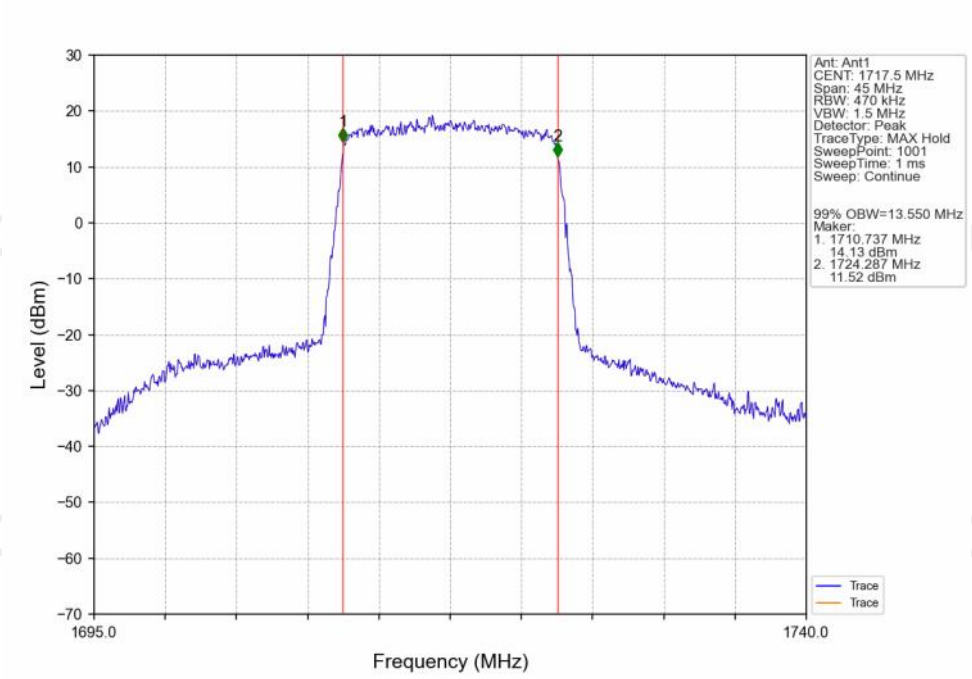
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



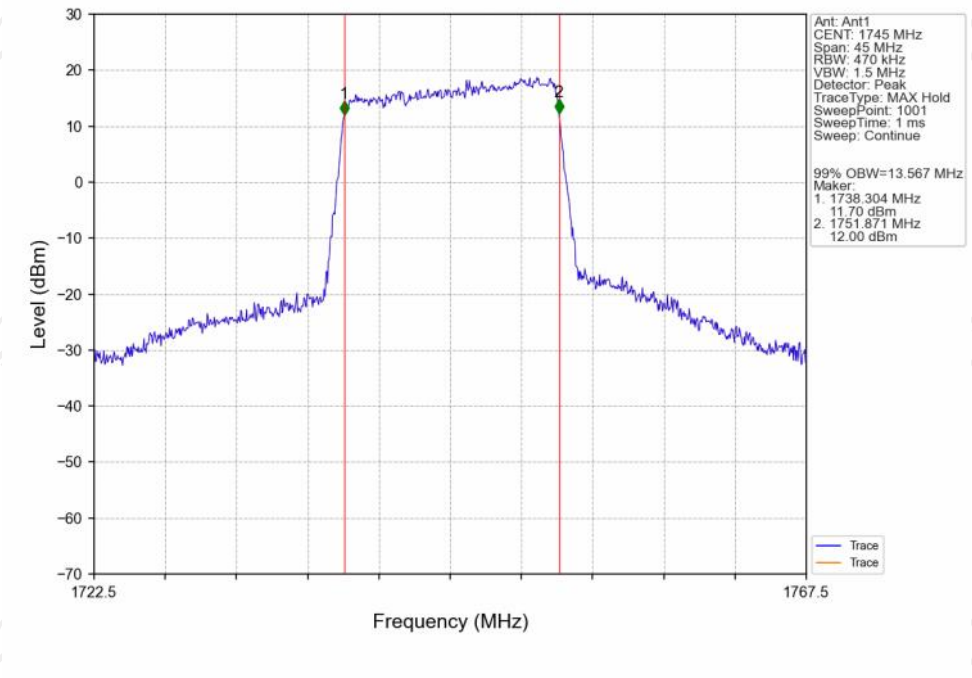
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



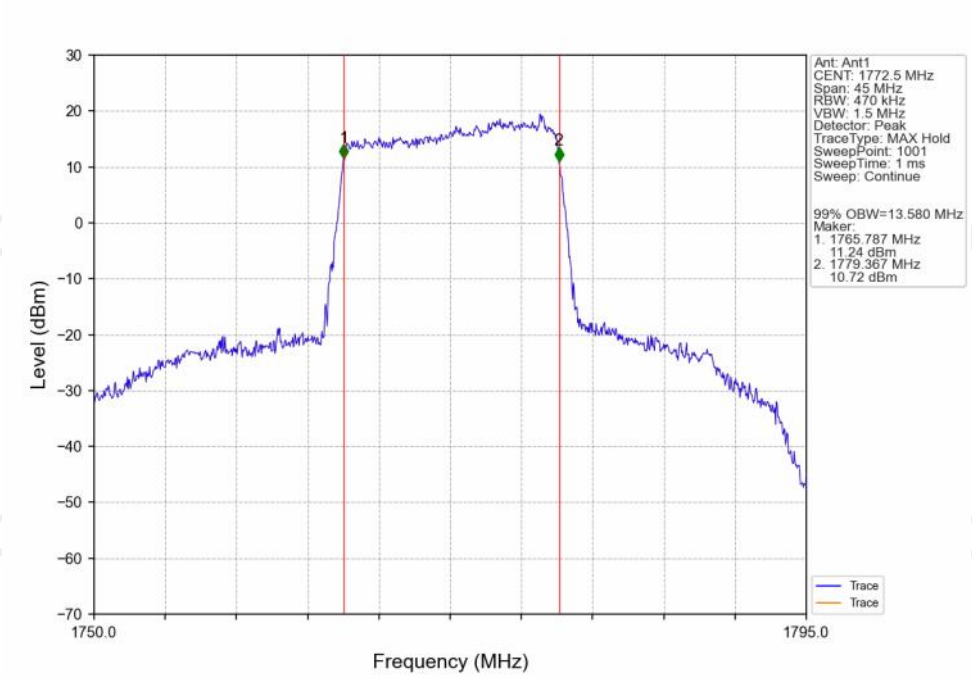
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



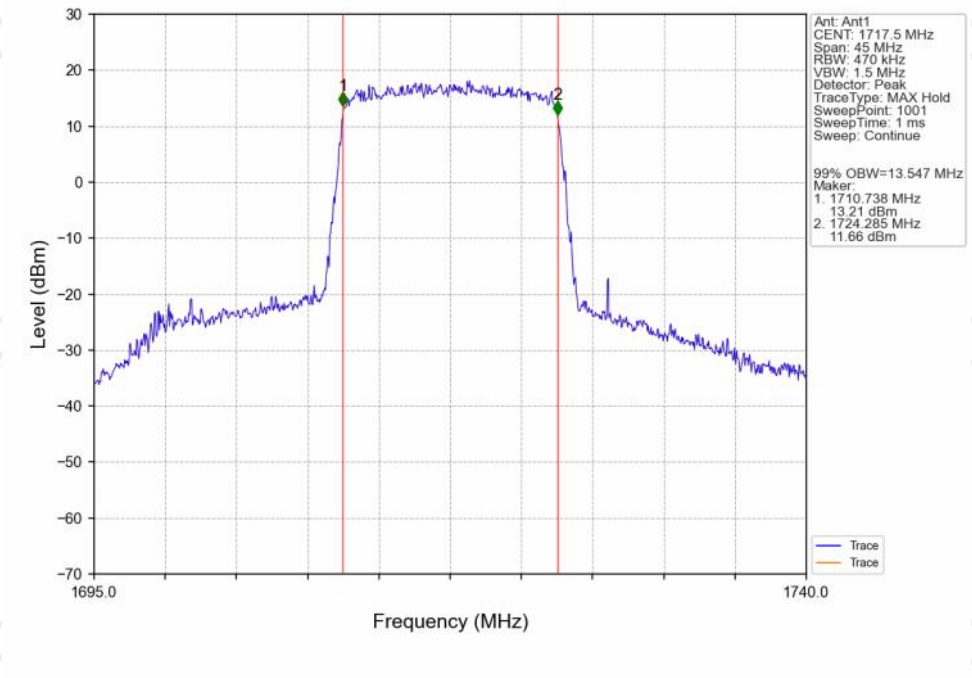
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



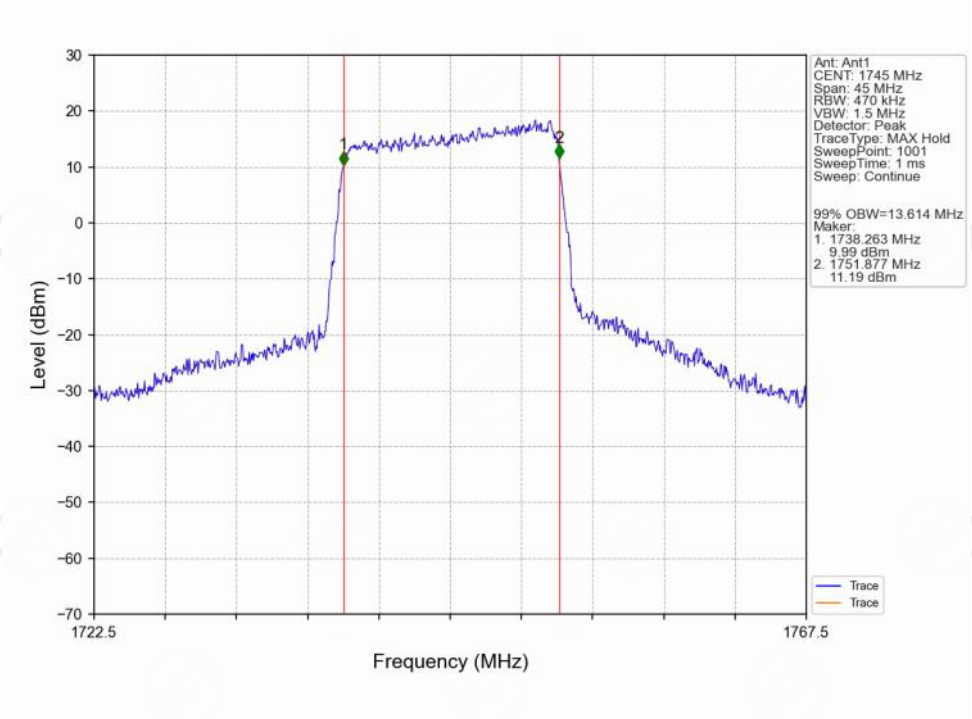
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



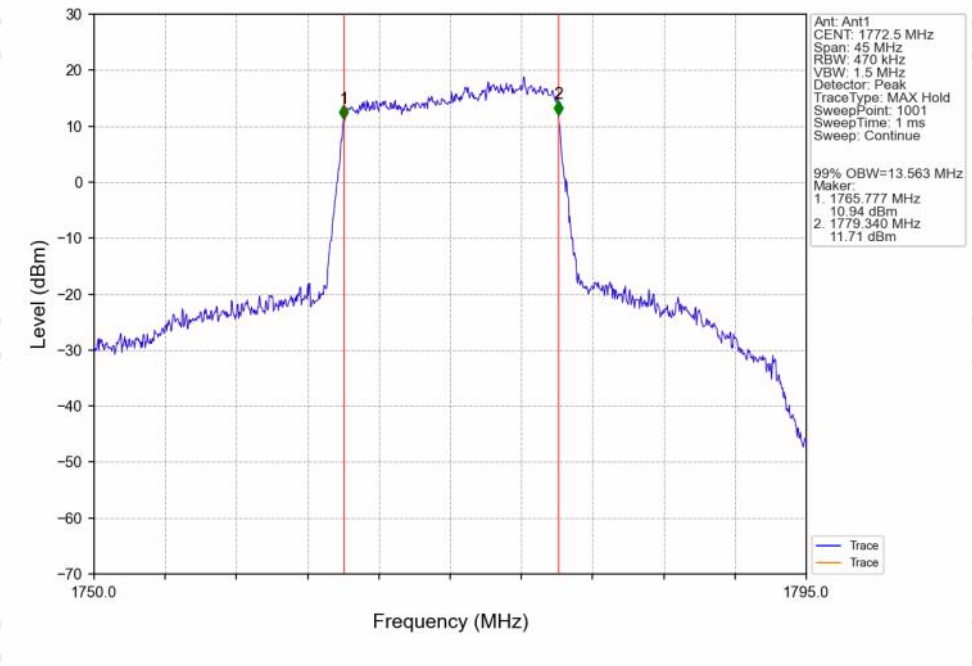
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



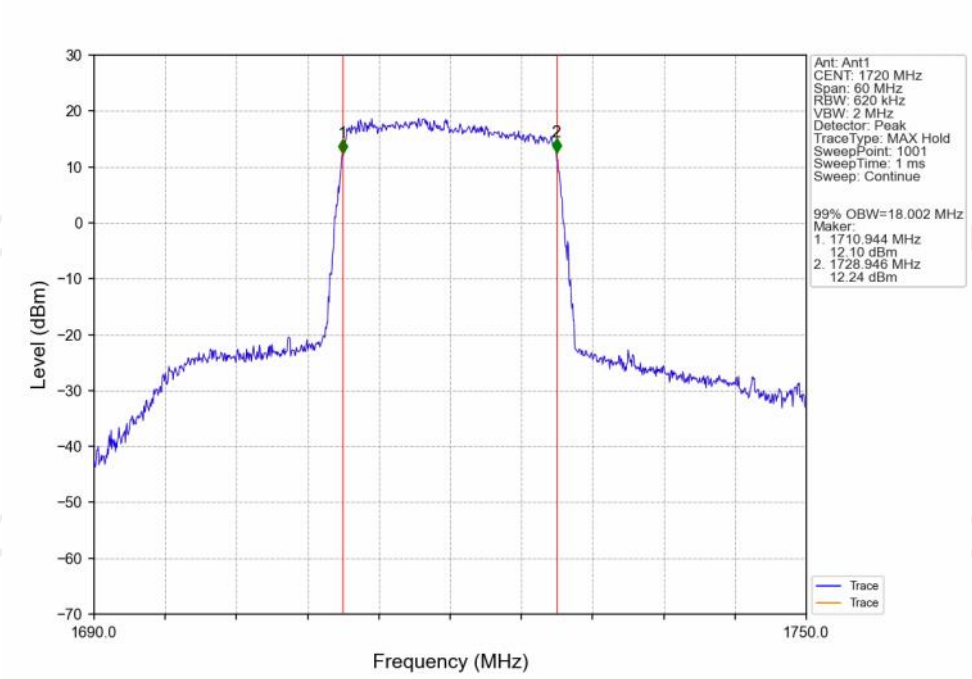
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



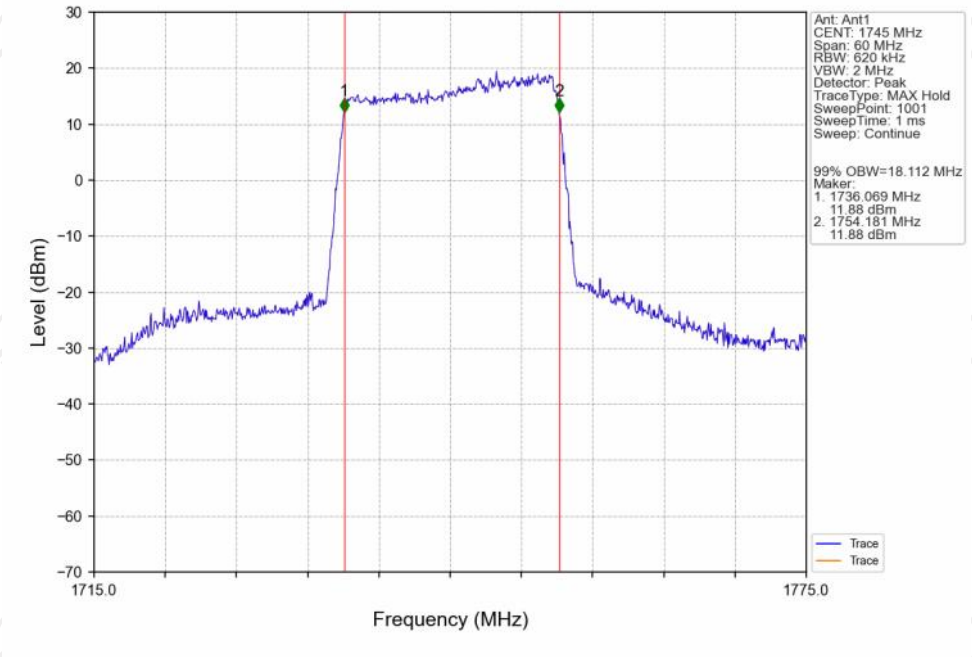
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



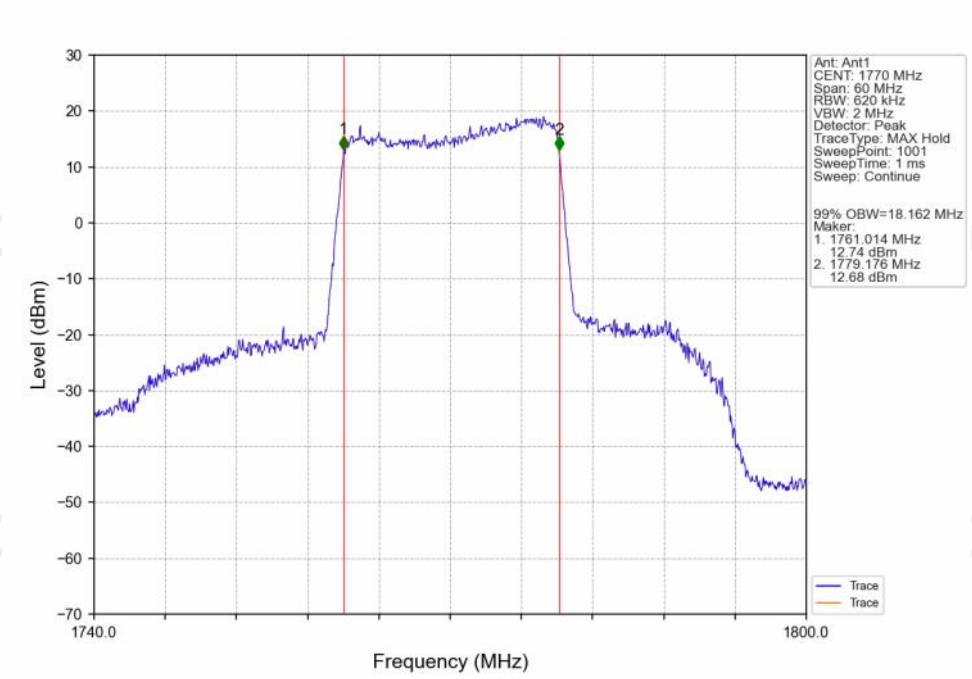
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



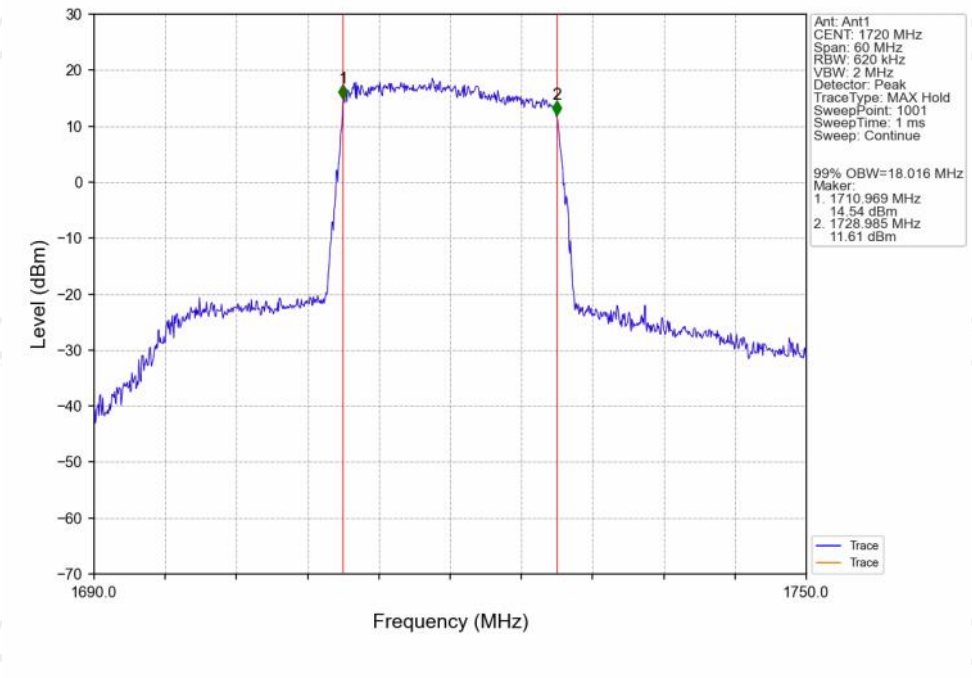
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



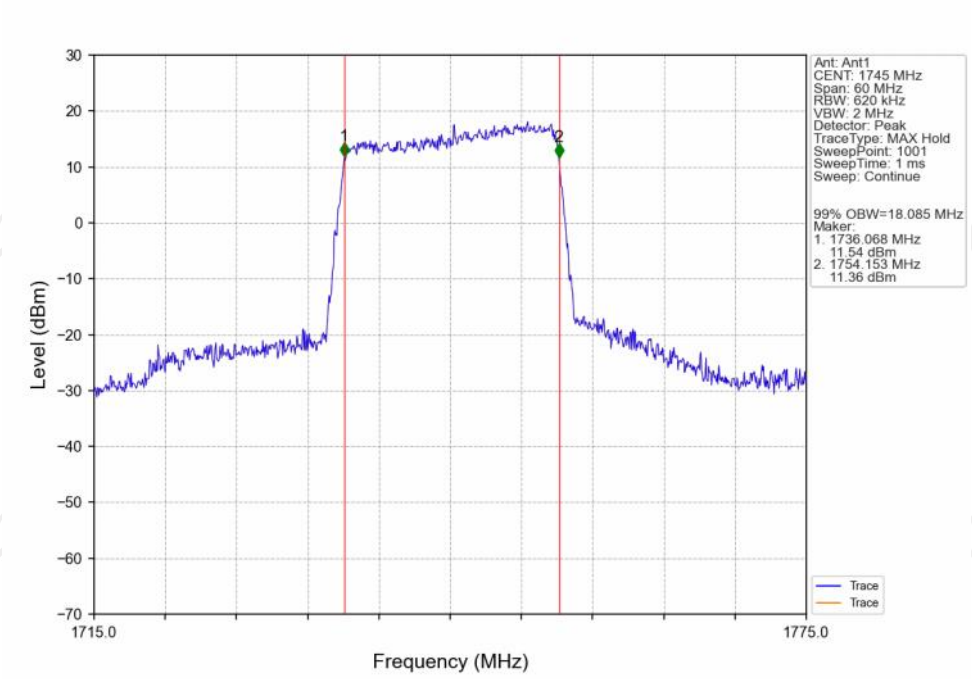
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



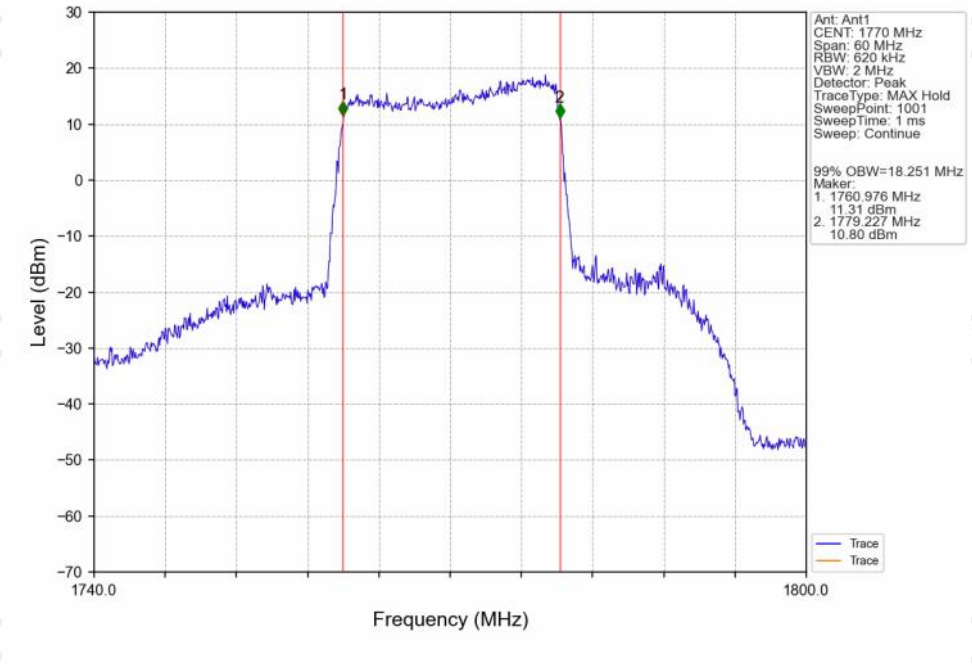
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

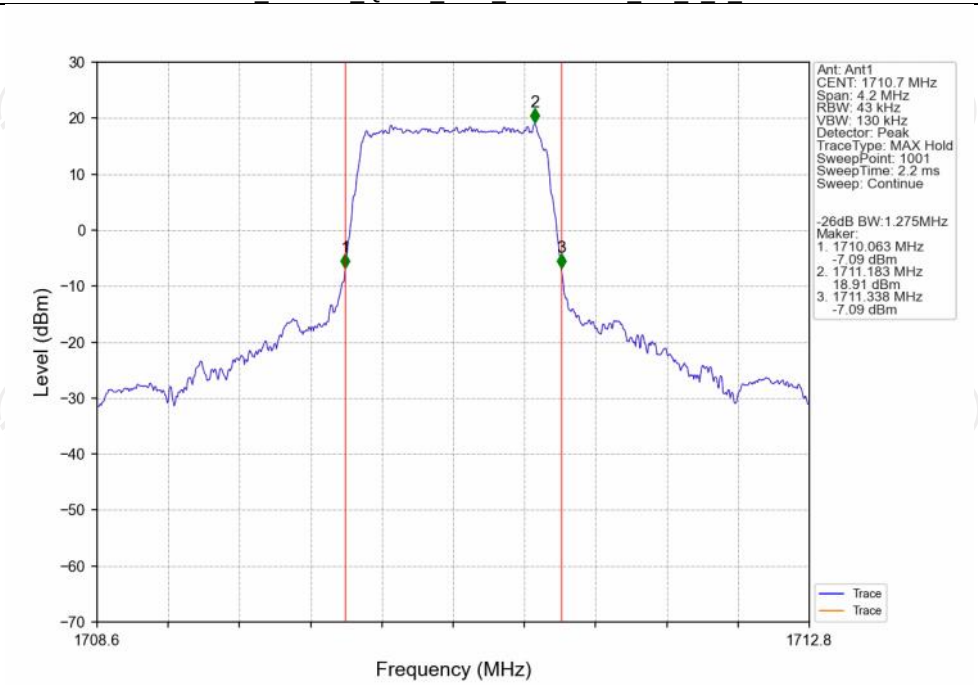


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

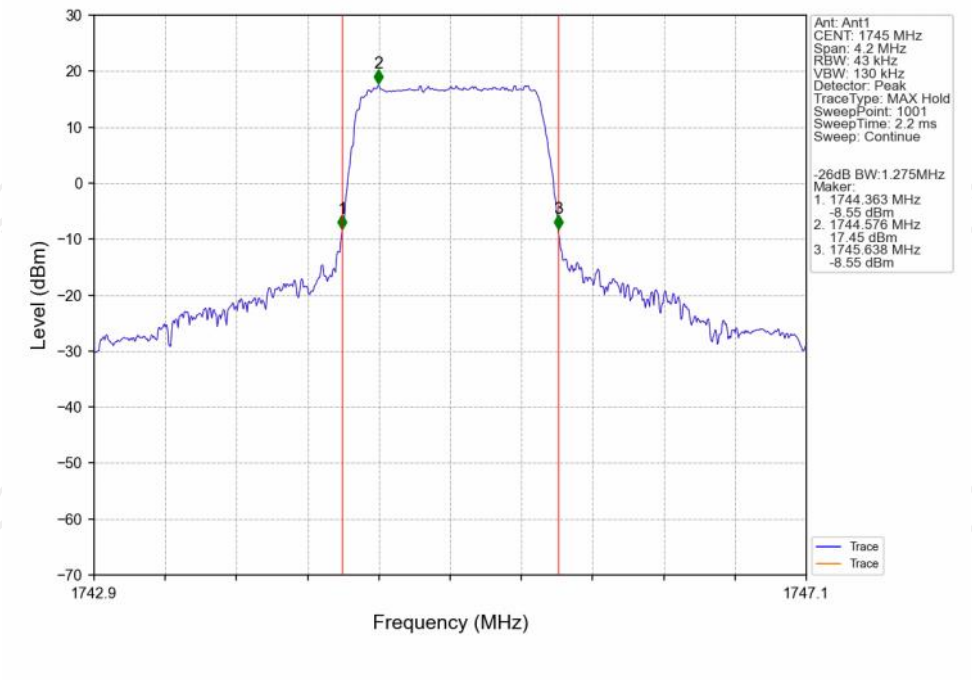


4.2.2 Band66_XDB

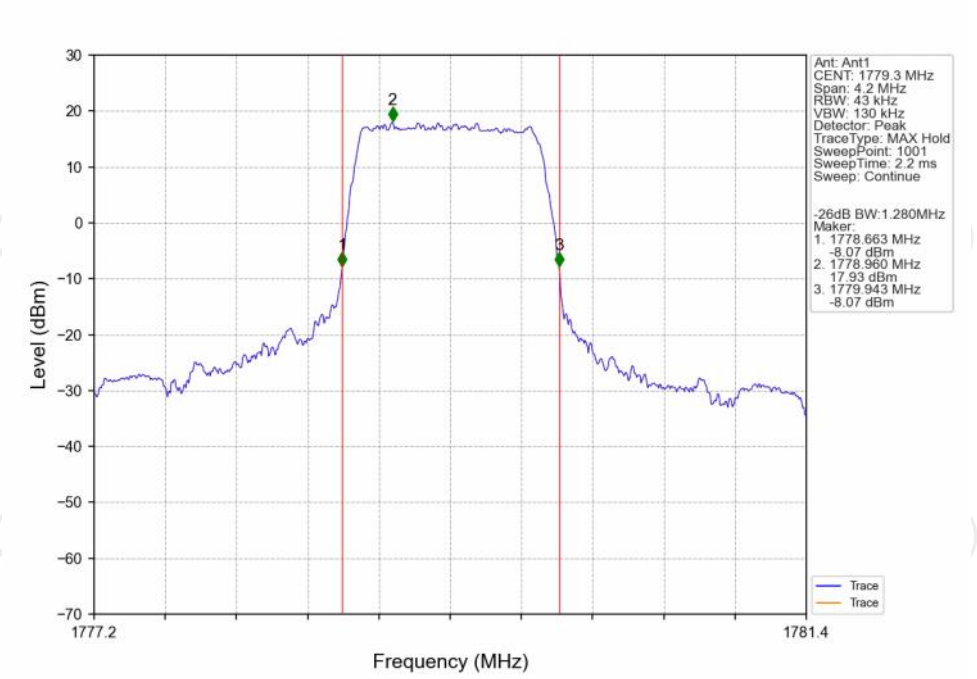
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



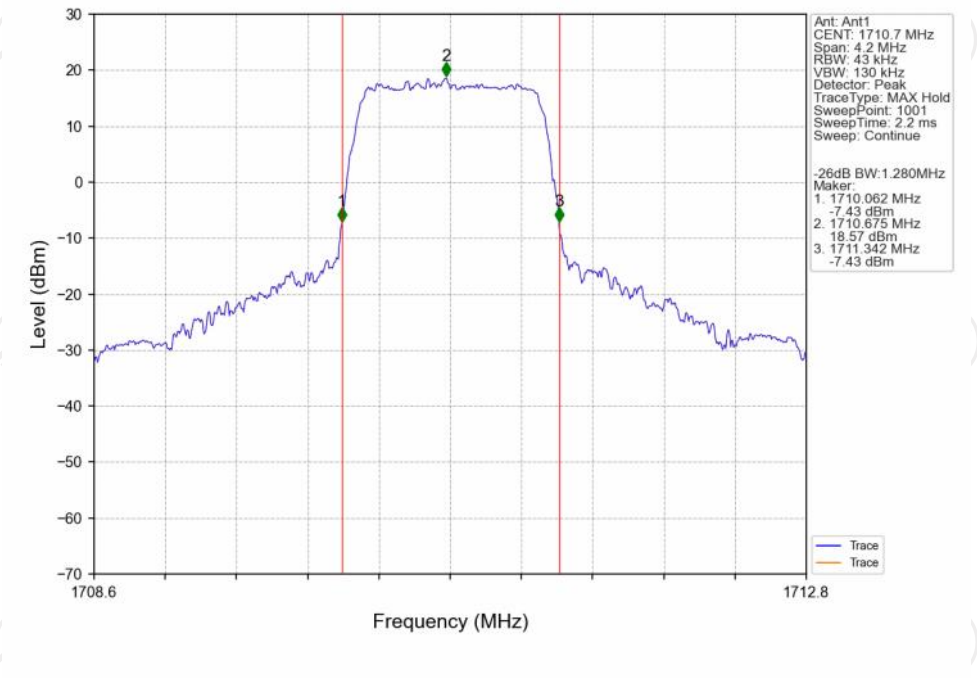
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



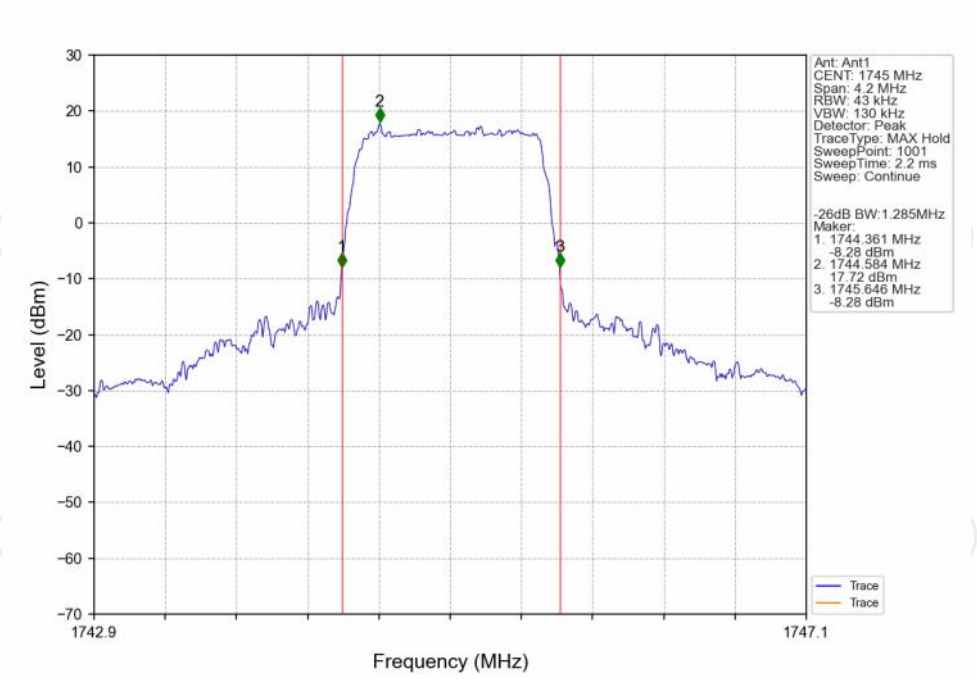
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



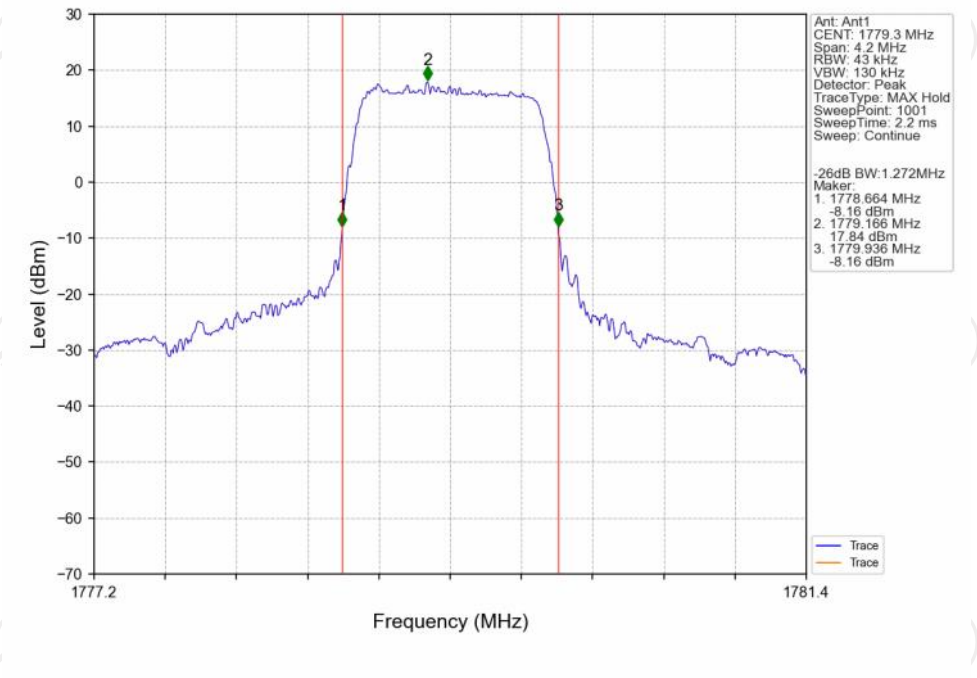
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



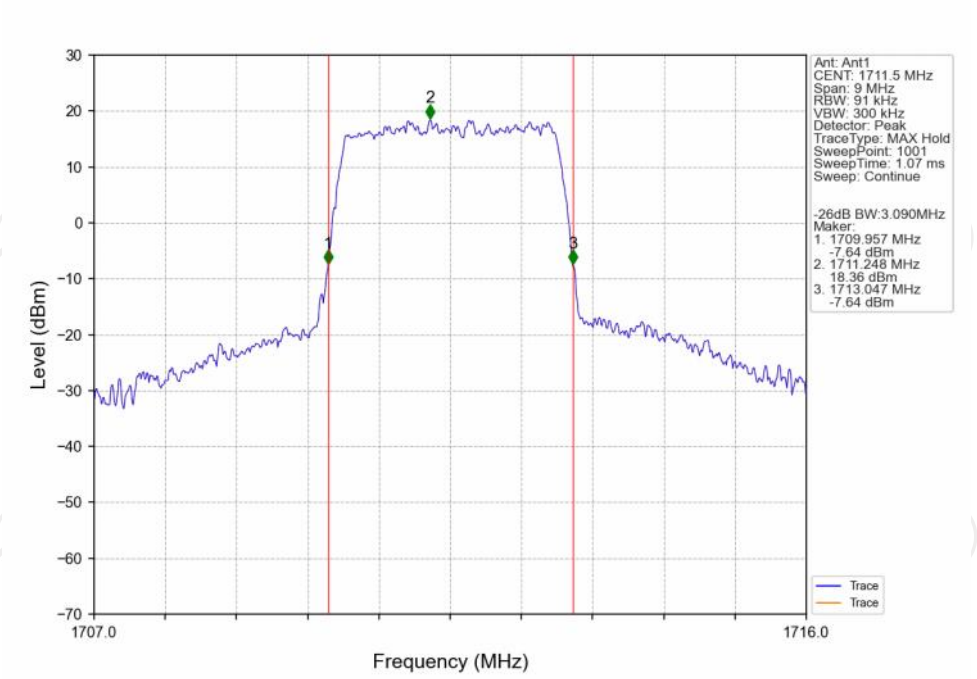
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



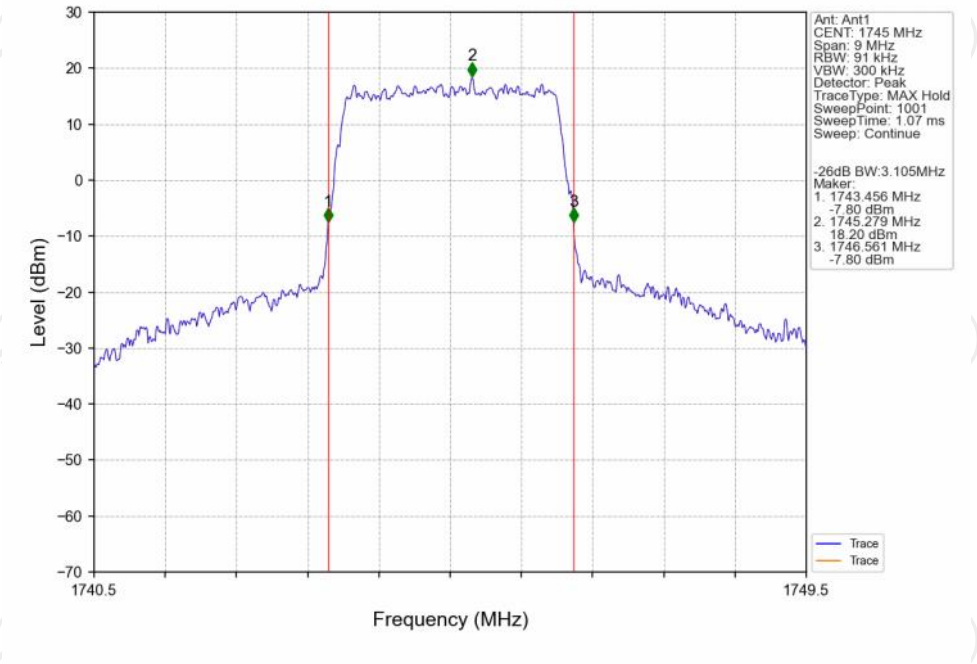
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



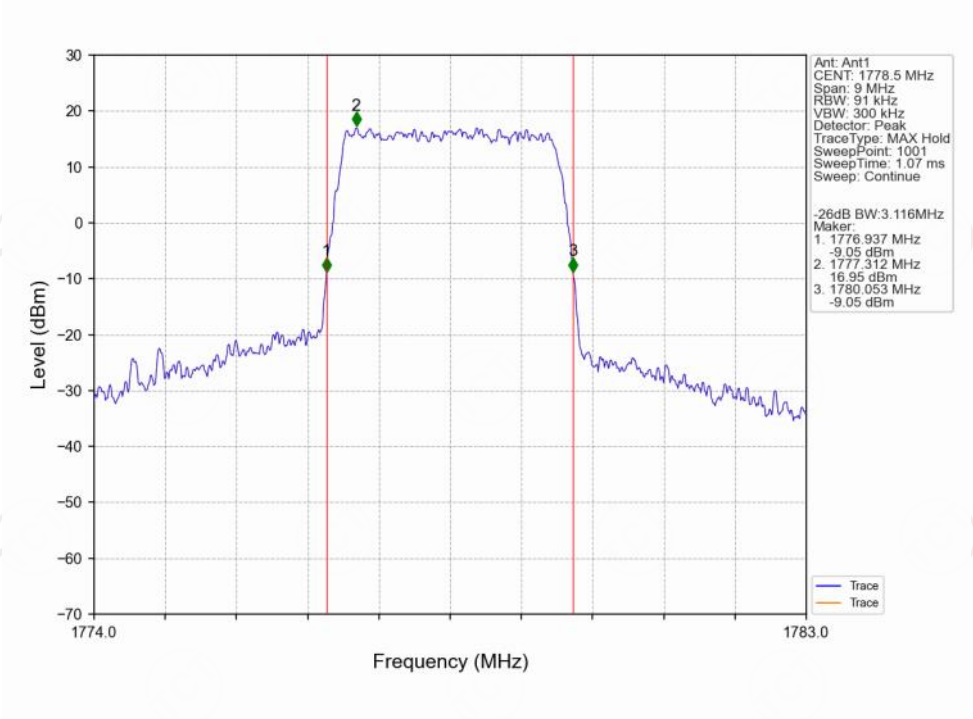
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



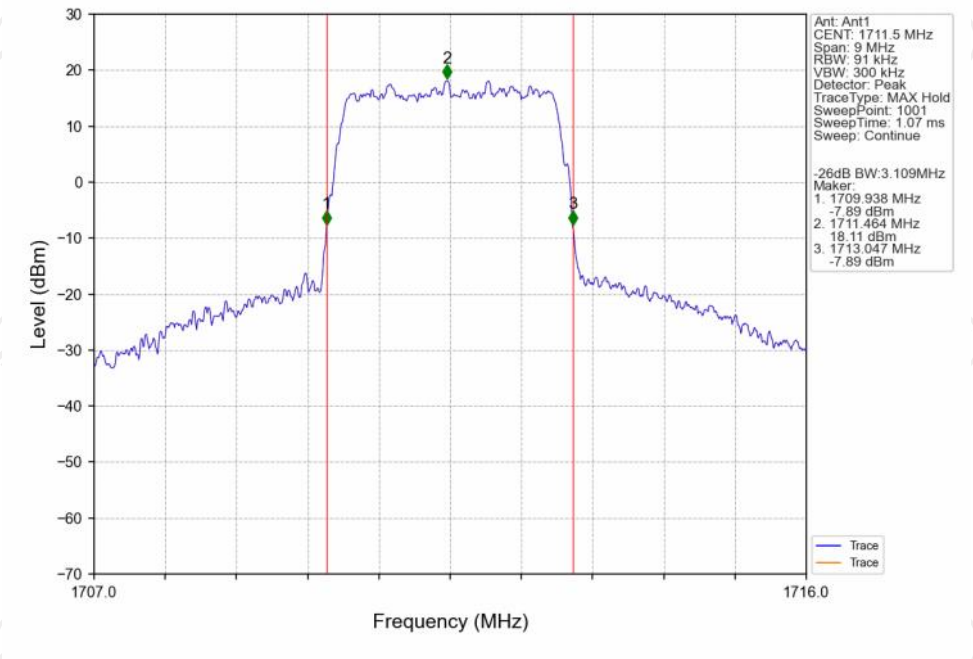
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



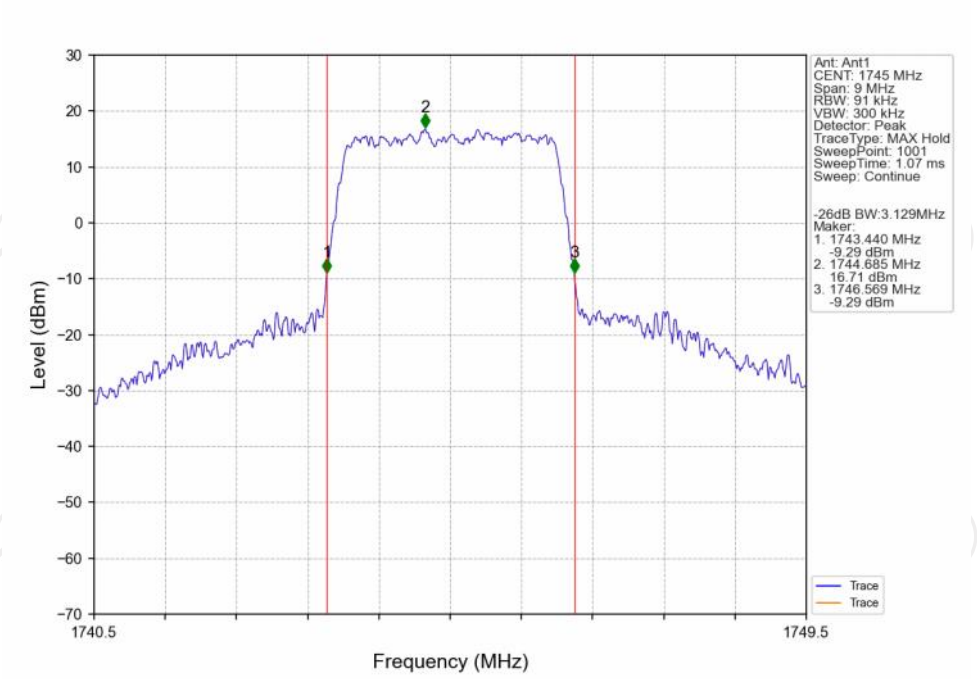
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



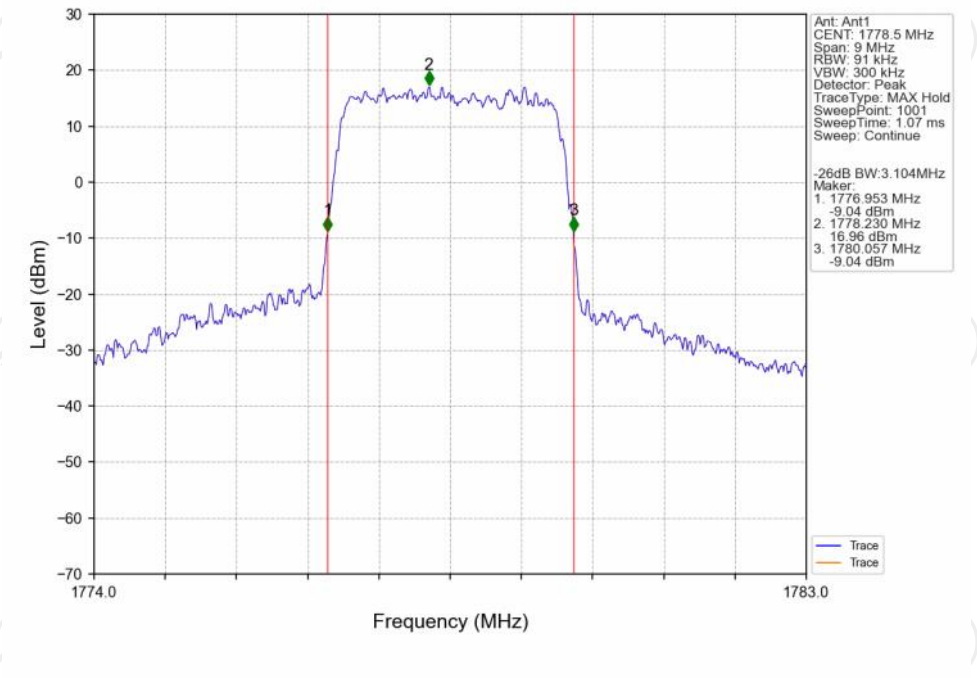
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



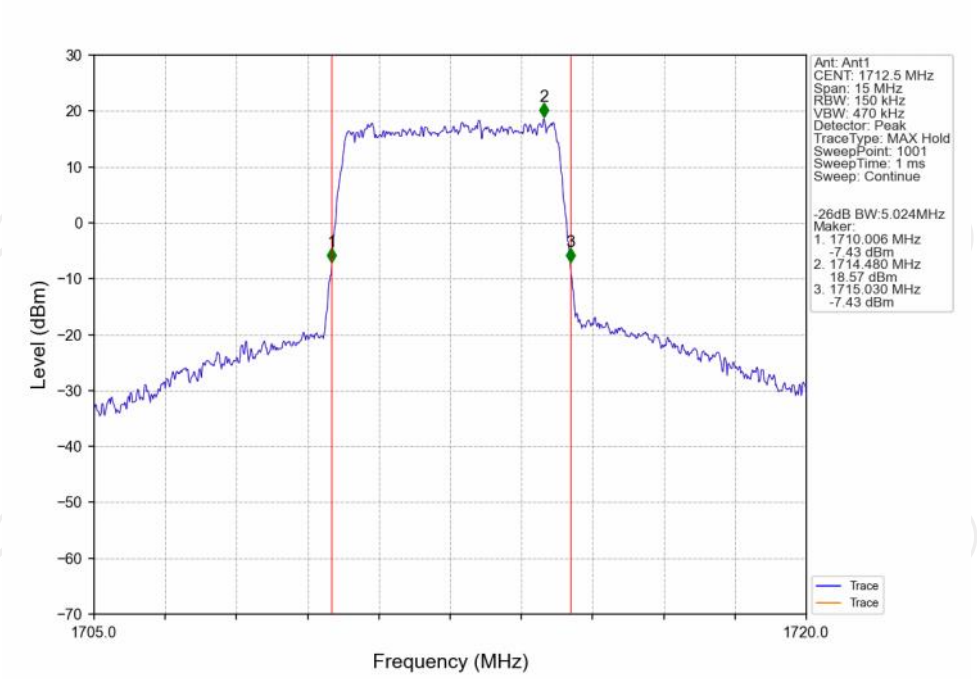
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



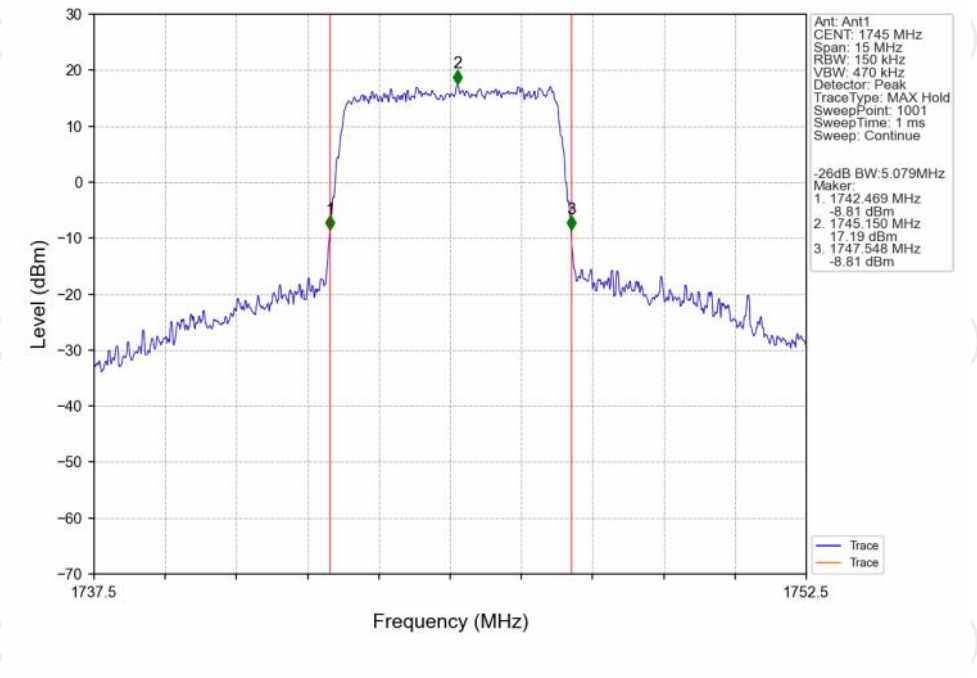
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



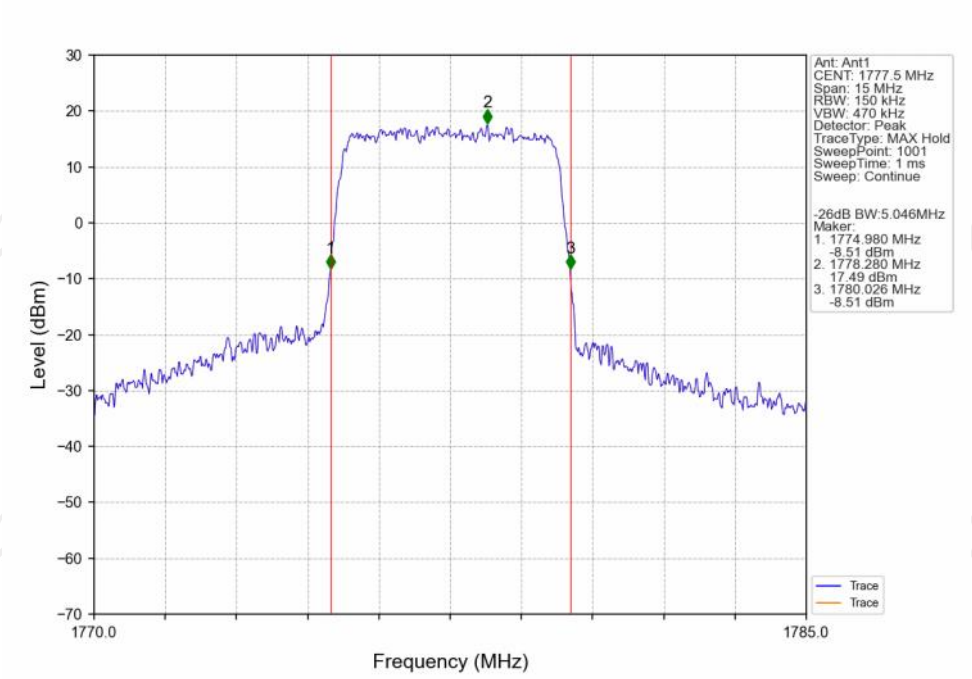
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



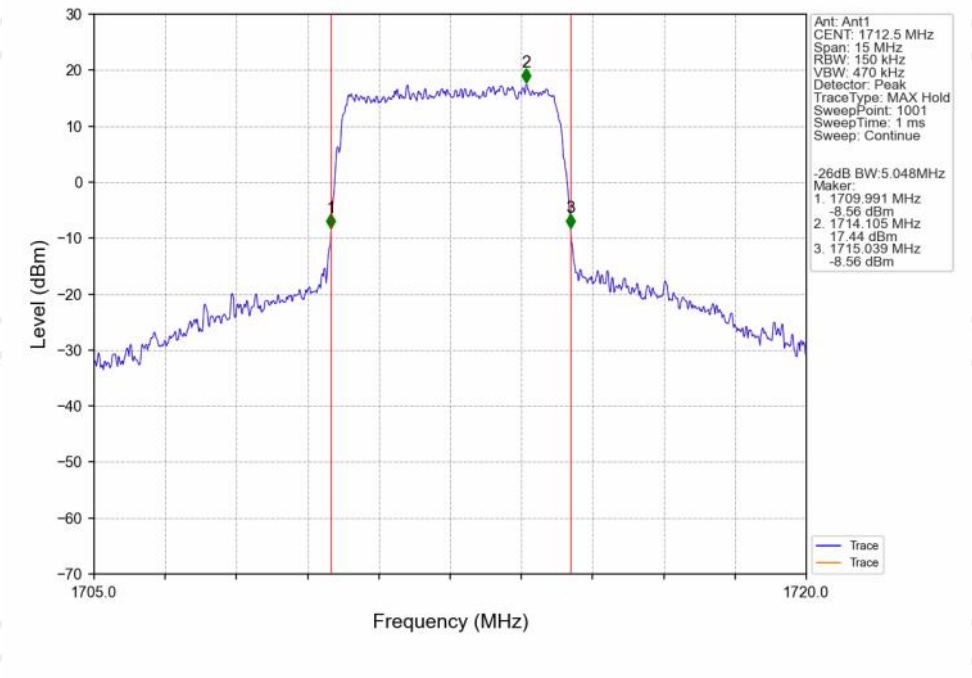
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



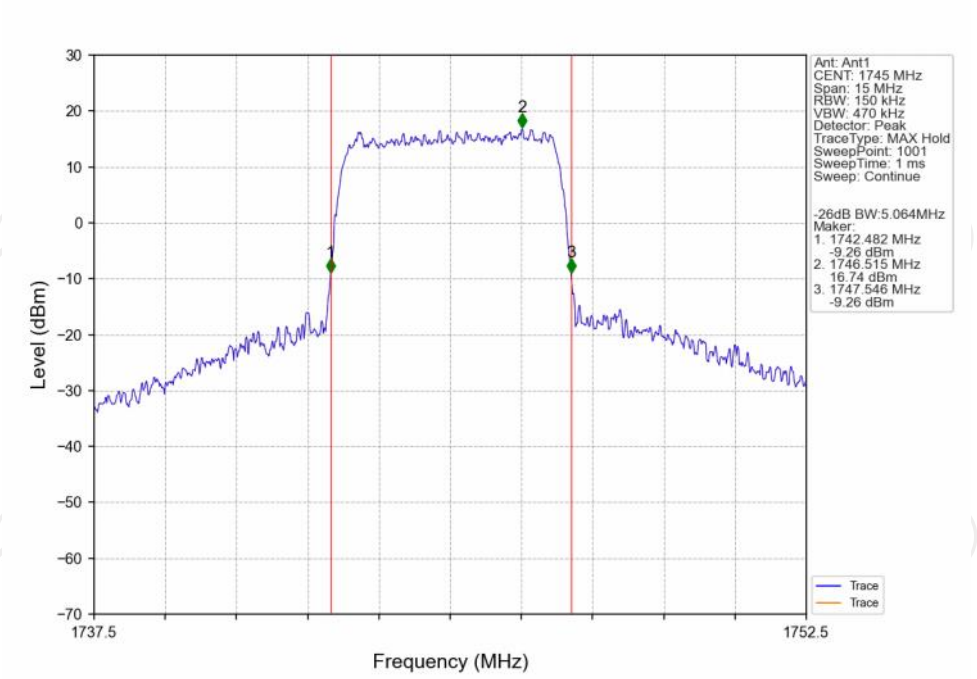
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



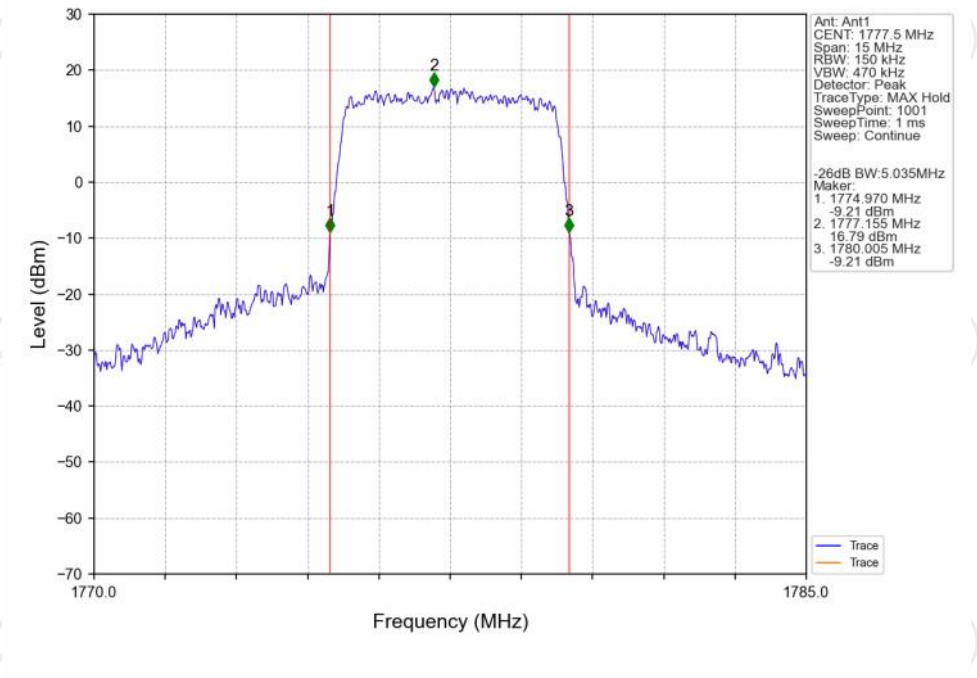
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



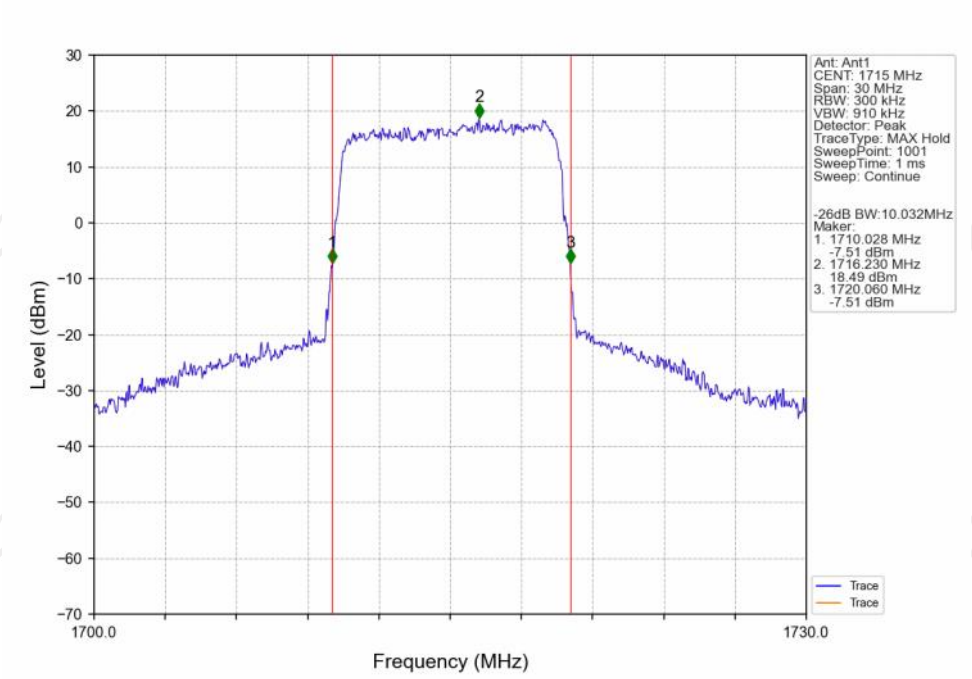
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



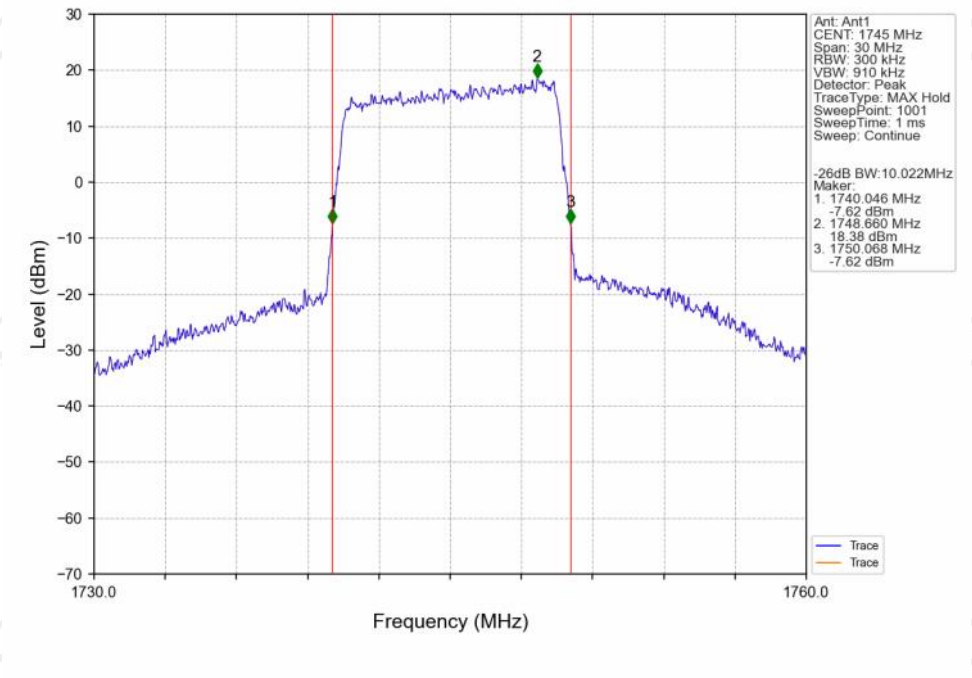
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



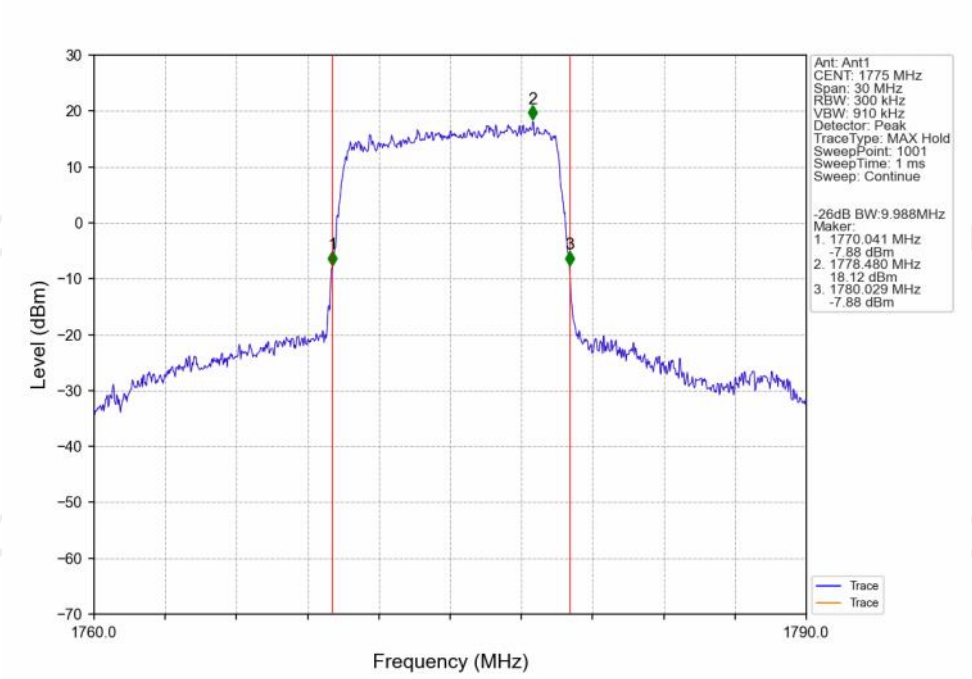
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



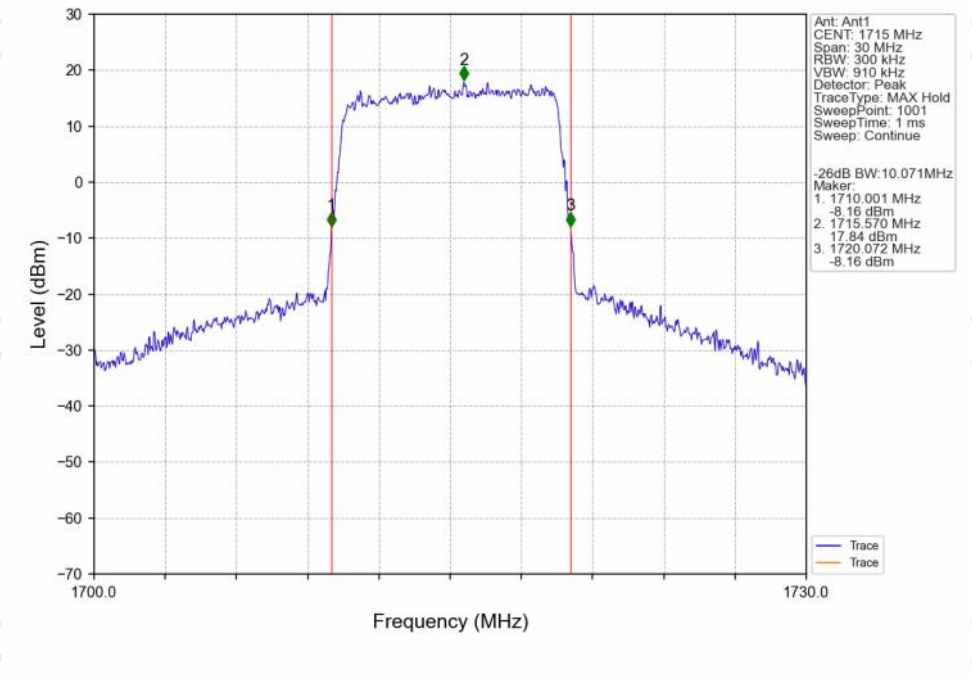
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



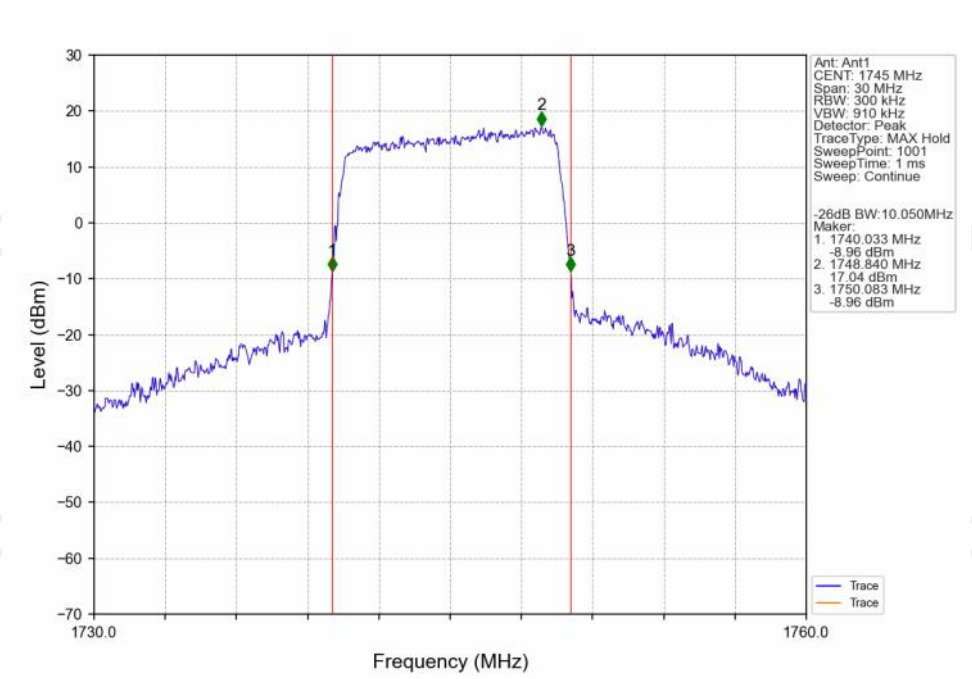
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



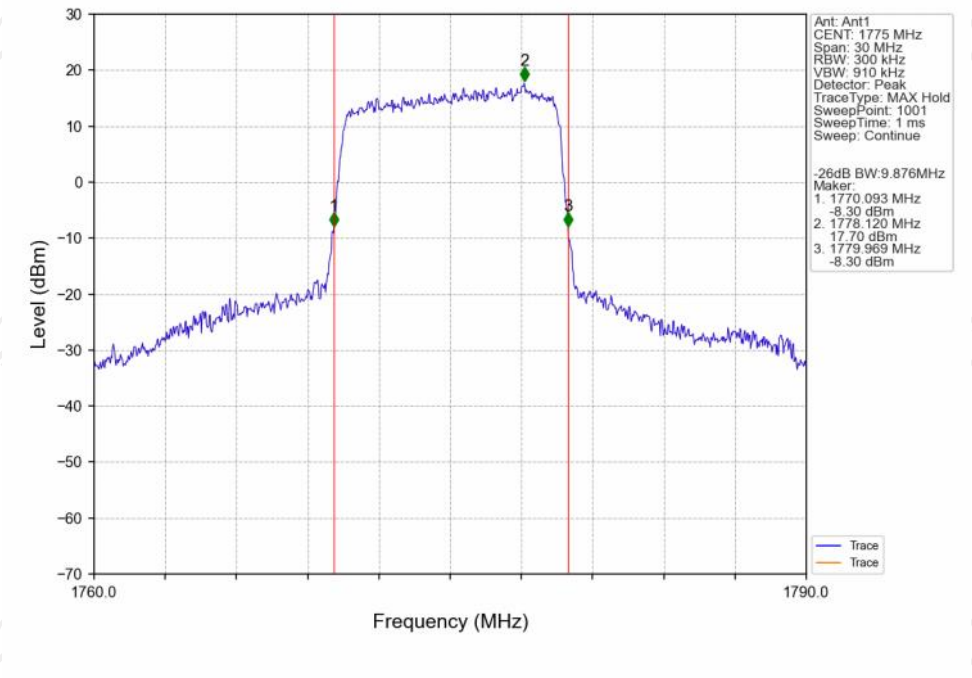
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



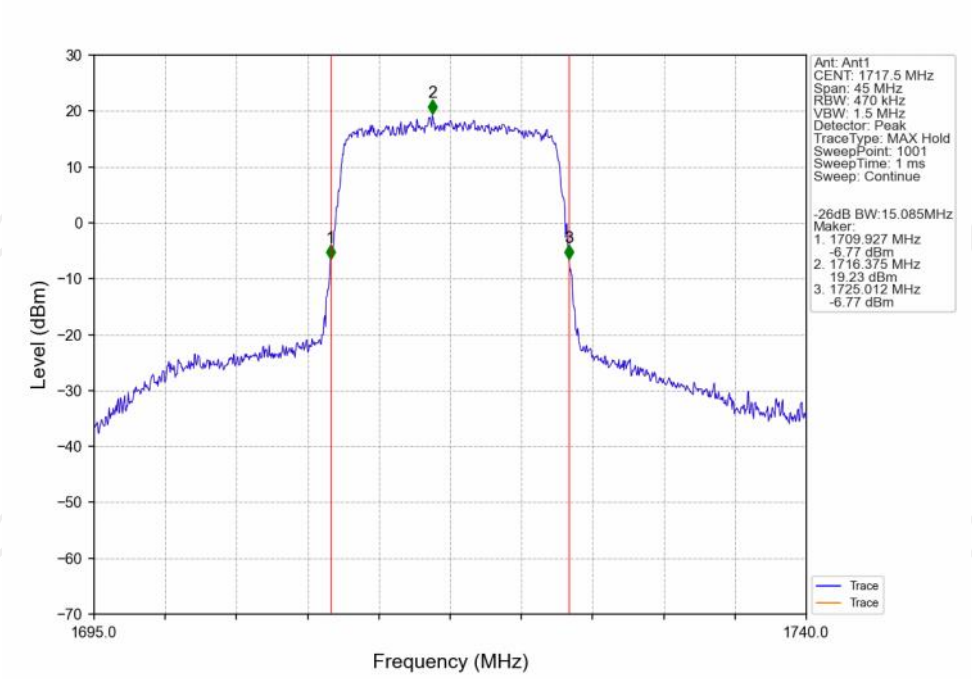
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



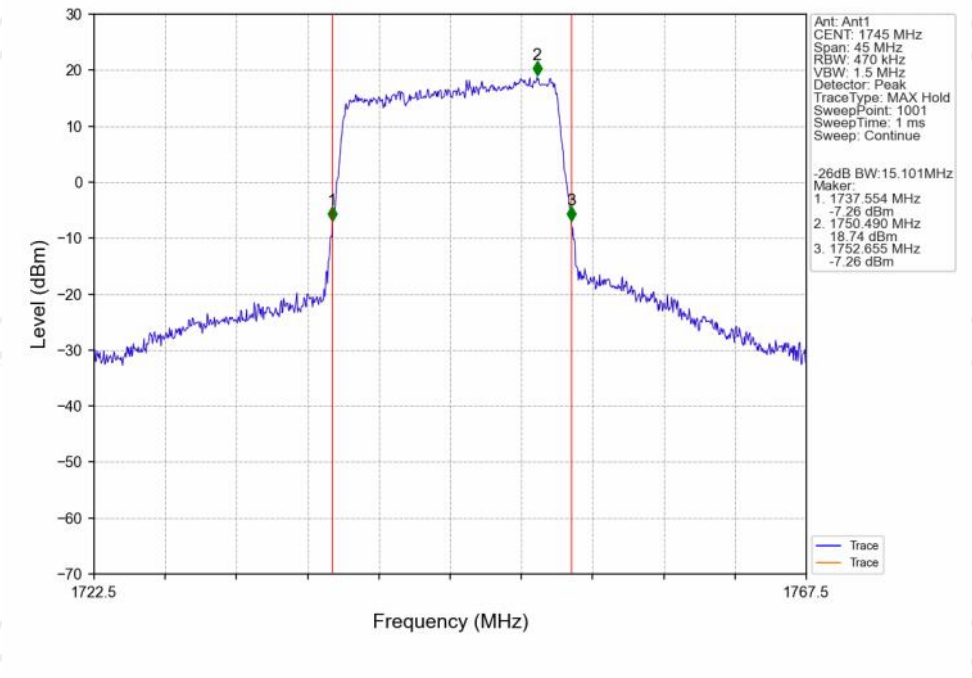
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



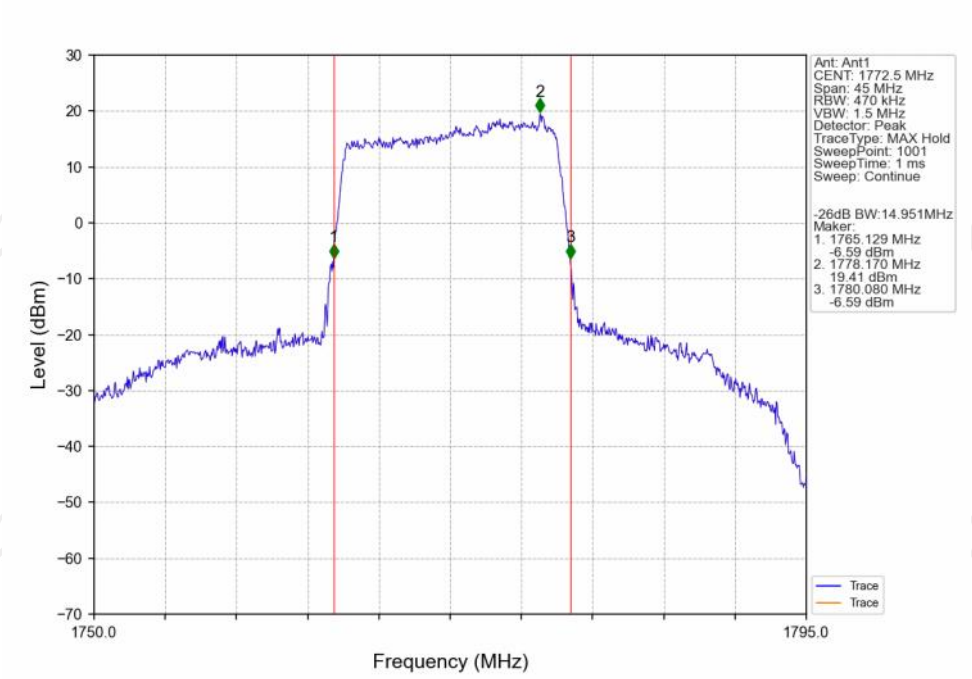
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



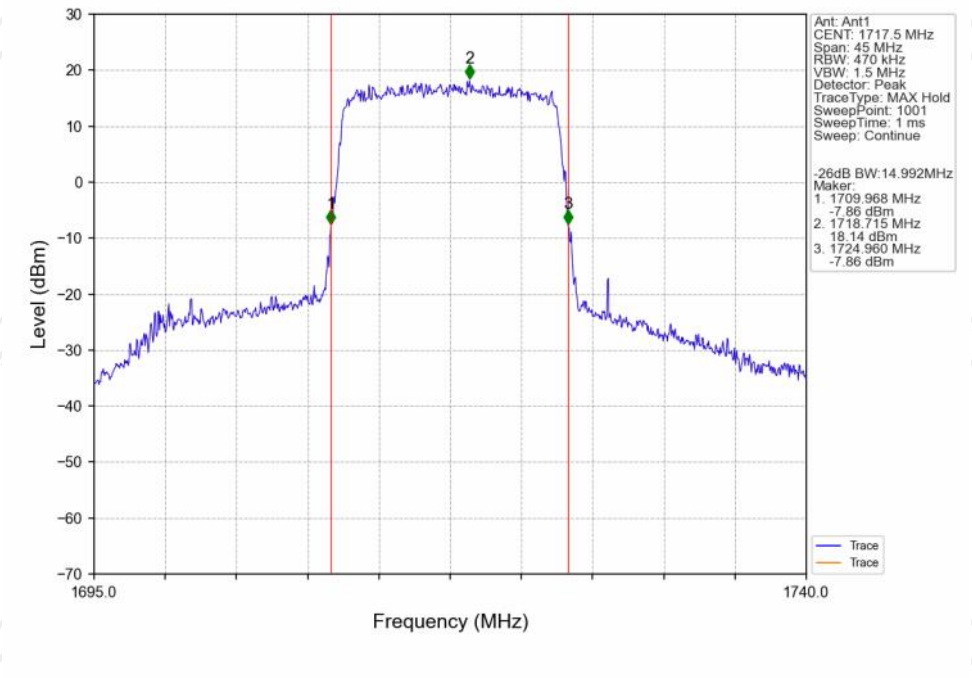
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



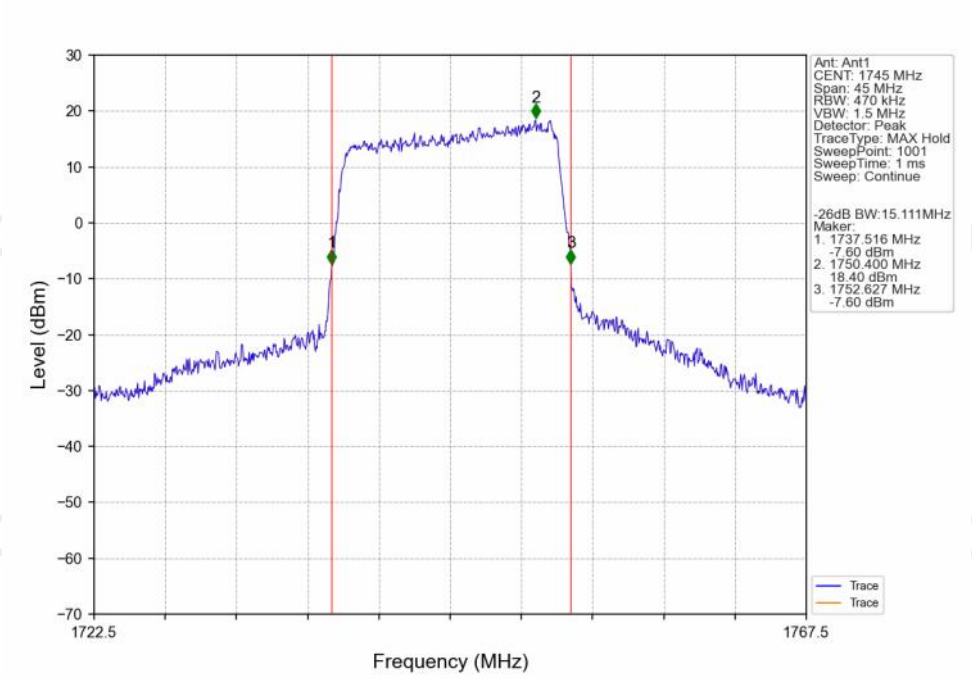
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



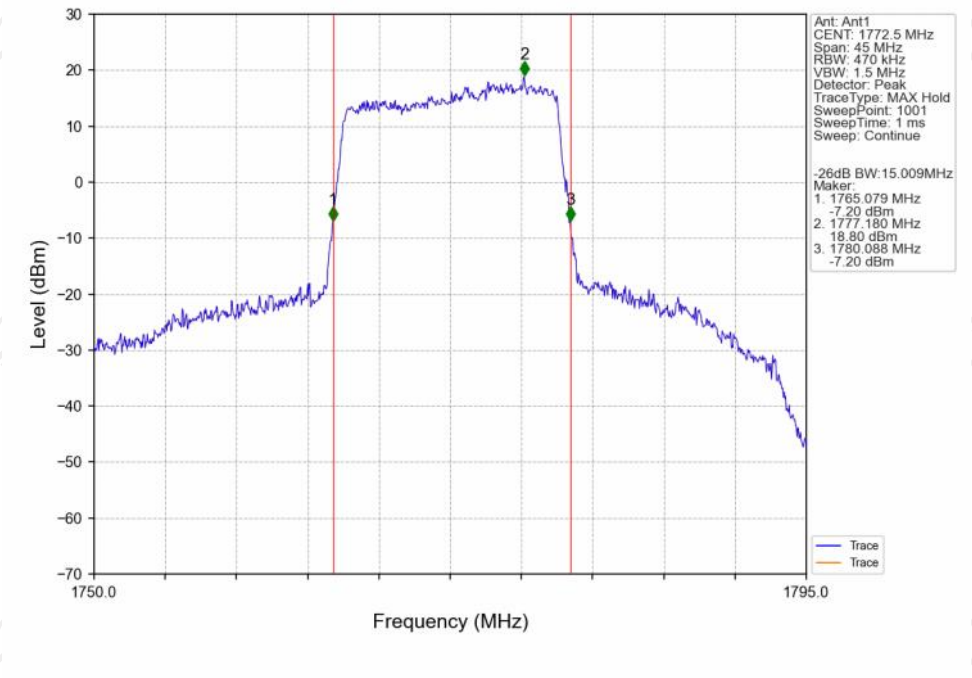
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



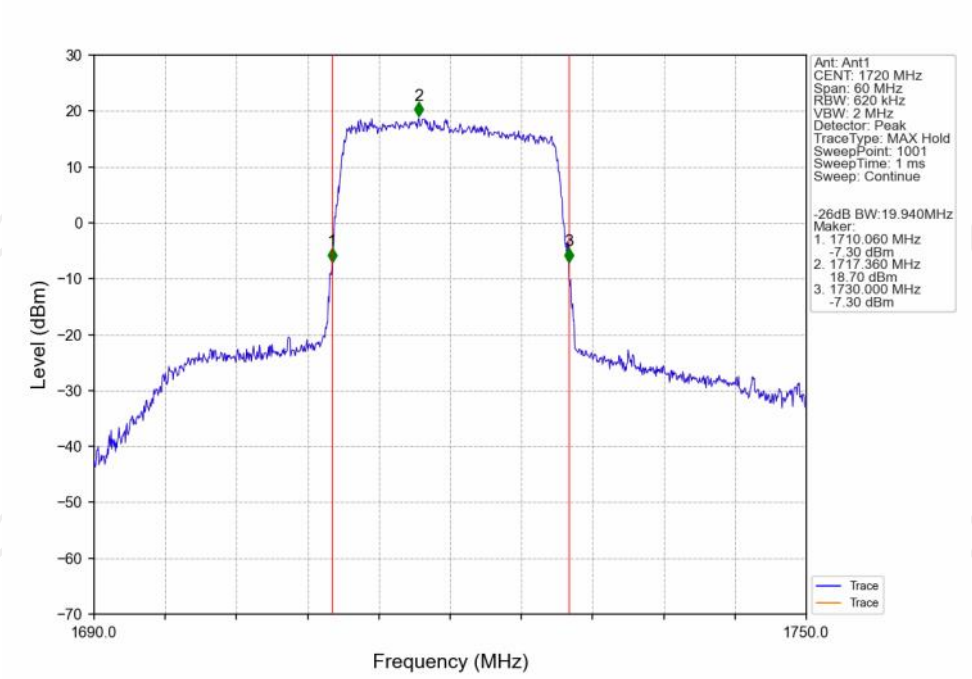
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



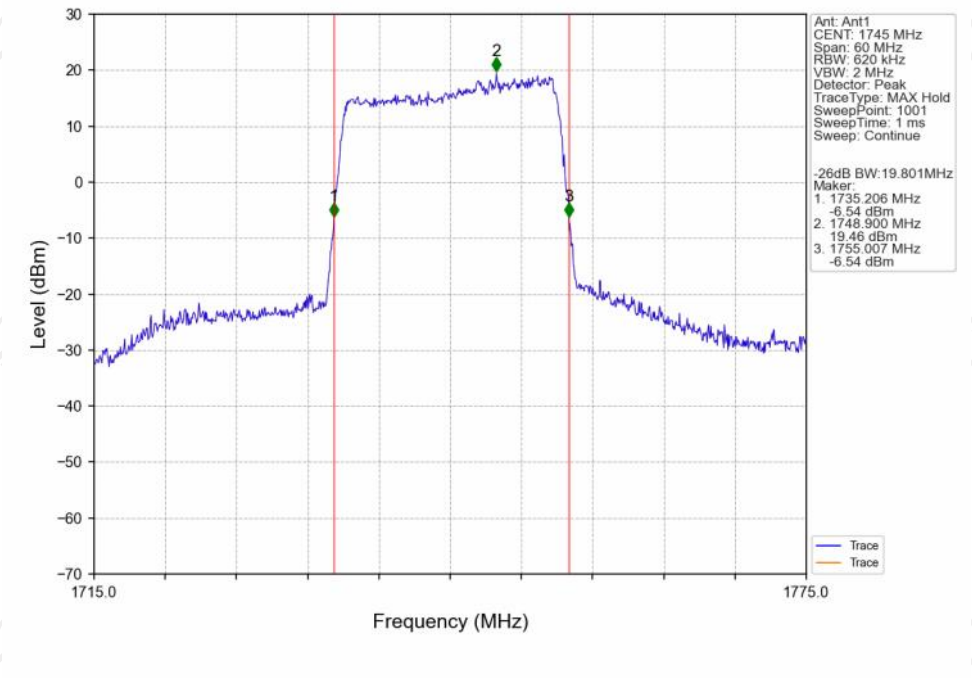
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



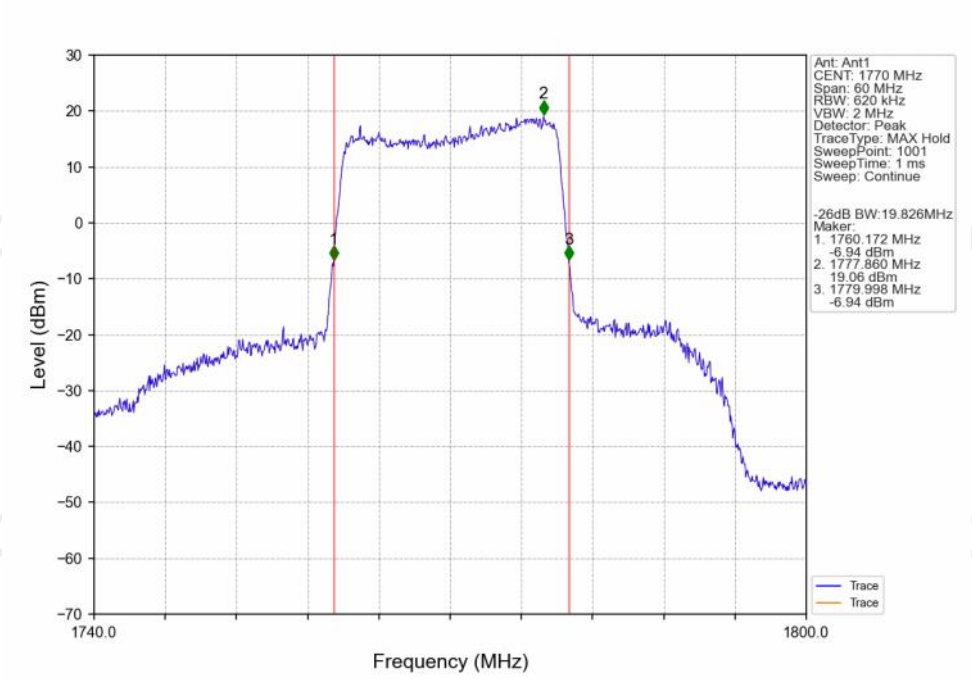
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



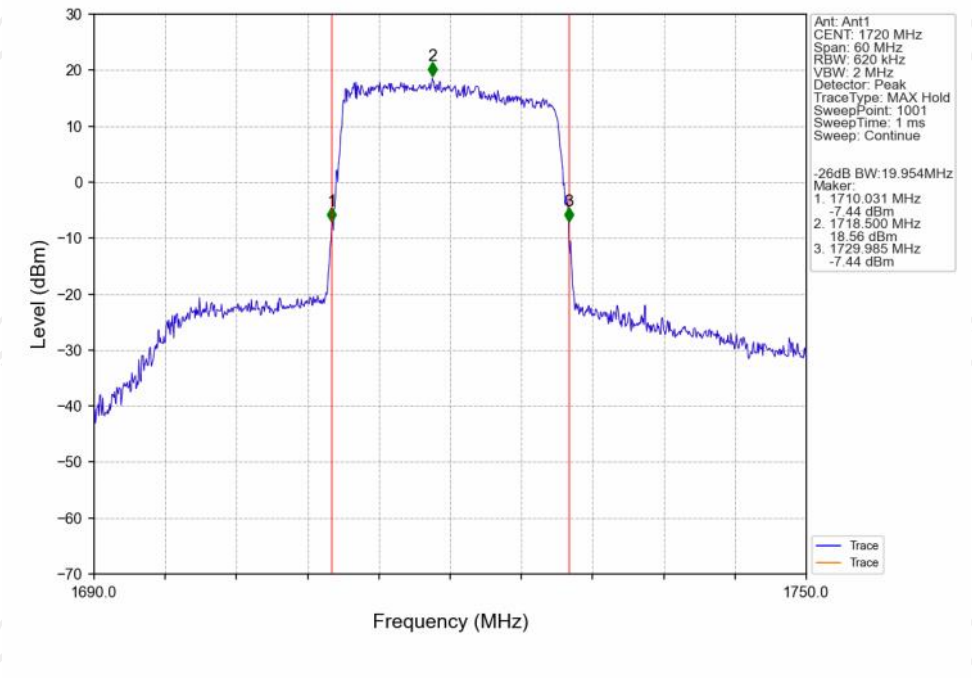
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



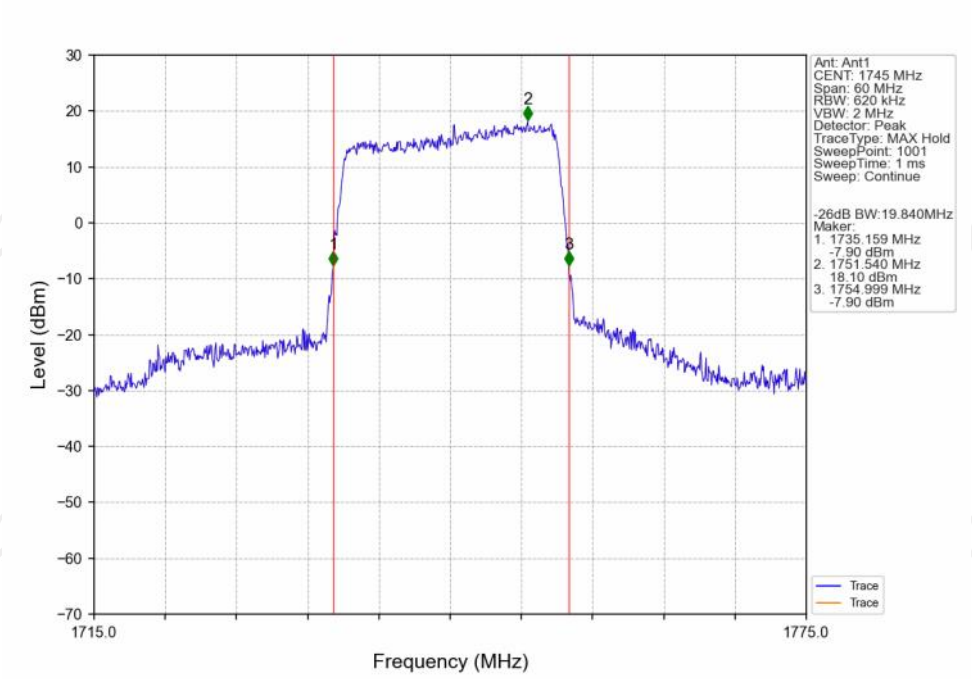
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



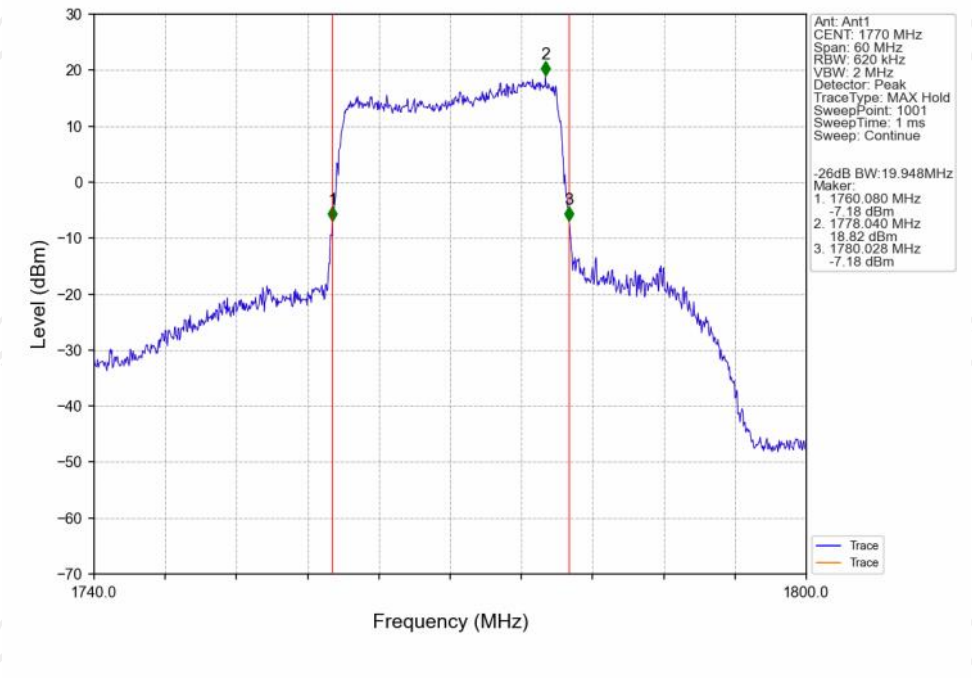
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.92	<=13	Pass
	1745	6	0	5.54	<=13	Pass
	1779.3	6	0	5.60	<=13	Pass
16QAM	1710.7	6	0	6.66	<=13	Pass
	1745	6	0	6.38	<=13	Pass
	1779.3	6	0	6.36	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.94	<=13	Pass
	1745	15	0	5.58	<=13	Pass
	1778.5	15	0	5.58	<=13	Pass
16QAM	1711.5	15	0	6.74	<=13	Pass
	1745	15	0	6.43	<=13	Pass
	1778.5	15	0	6.36	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.87	<=13	Pass
	1745	25	0	5.66	<=13	Pass
	1777.5	25	0	5.47	<=13	Pass
16QAM	1712.5	25	0	6.65	<=13	Pass
	1745	25	0	6.43	<=13	Pass
	1777.5	25	0	6.18	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.79	<=13	Pass
	1745	50	0	5.74	<=13	Pass
	1775	50	0	5.45	<=13	Pass
16QAM	1715	50	0	6.61	<=13	Pass
	1745	50	0	6.51	<=13	Pass

	1775	50	0	6.18	<=13	Pass

5.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.05	<=13	Pass
	1745	75	0	5.97	<=13	Pass
	1772.5	75	0	5.72	<=13	Pass
16QAM	1717.5	75	0	6.58	<=13	Pass
	1745	75	0	6.49	<=13	Pass
	1772.5	75	0	6.33	<=13	Pass

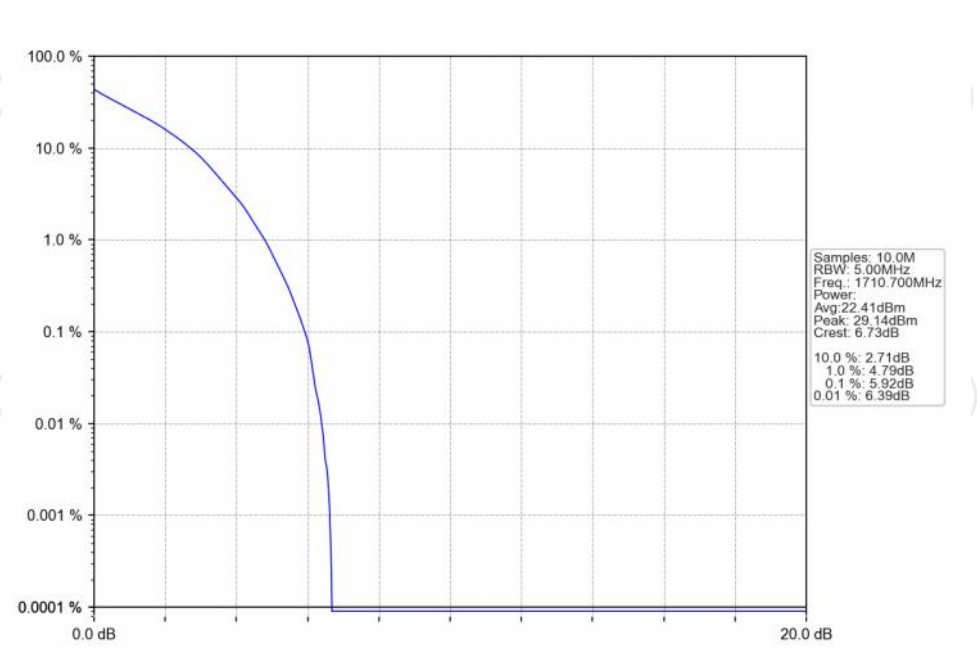
5.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.75	<=13	Pass
	1745	100	0	5.83	<=13	Pass
	1770	100	0	5.81	<=13	Pass
16QAM	1720	100	0	6.56	<=13	Pass
	1745	100	0	6.59	<=13	Pass
	1770	100	0	6.51	<=13	Pass

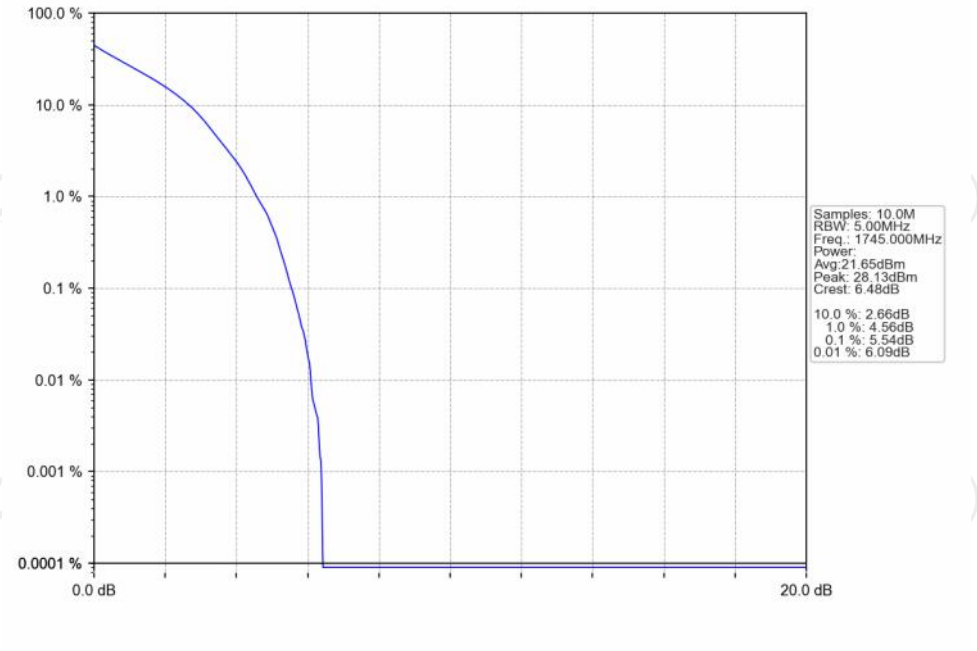
5.2 Test Graph

5.2.1 B66_1.4MHz

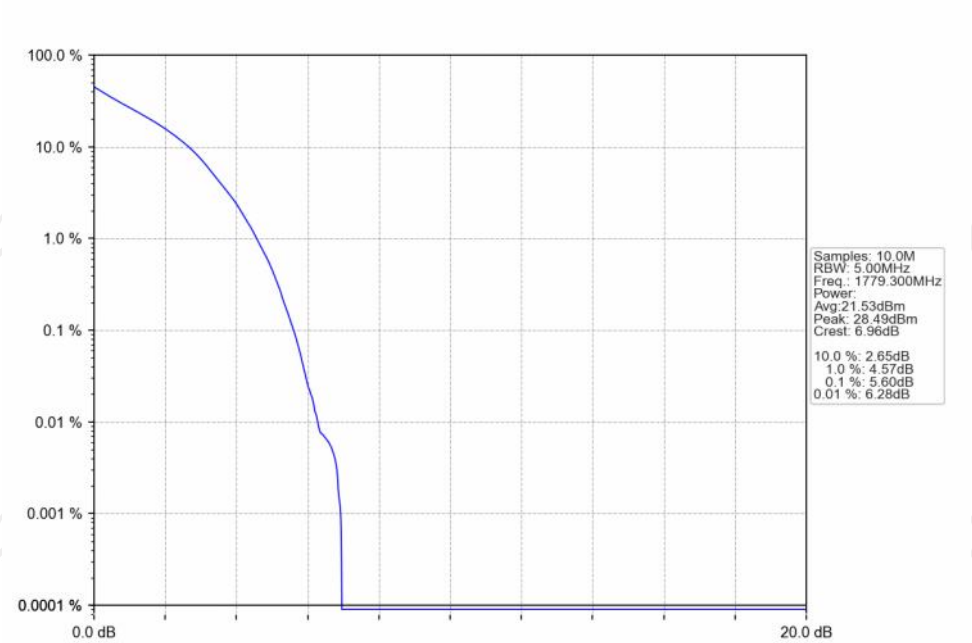
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



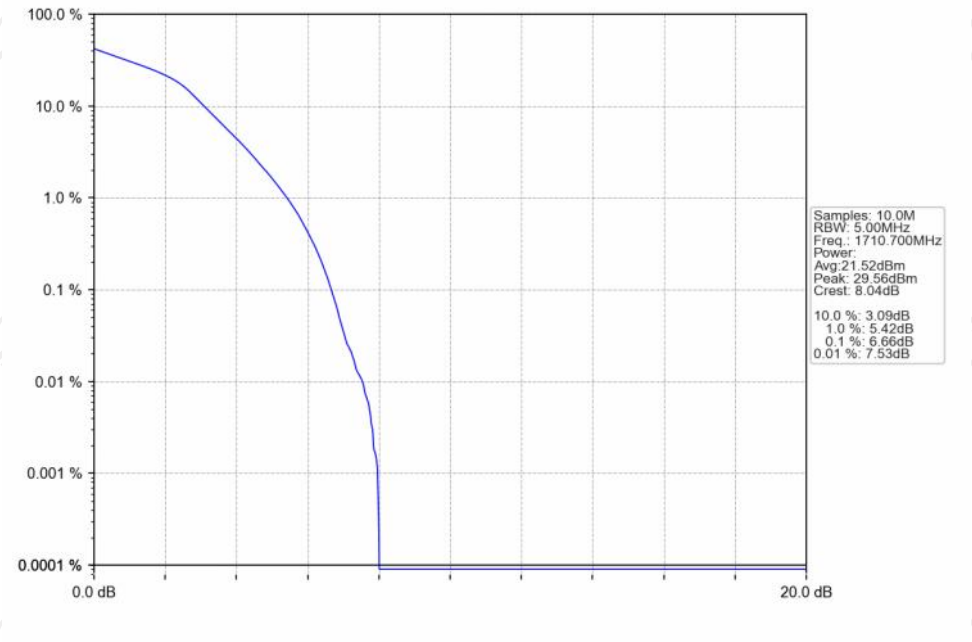
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



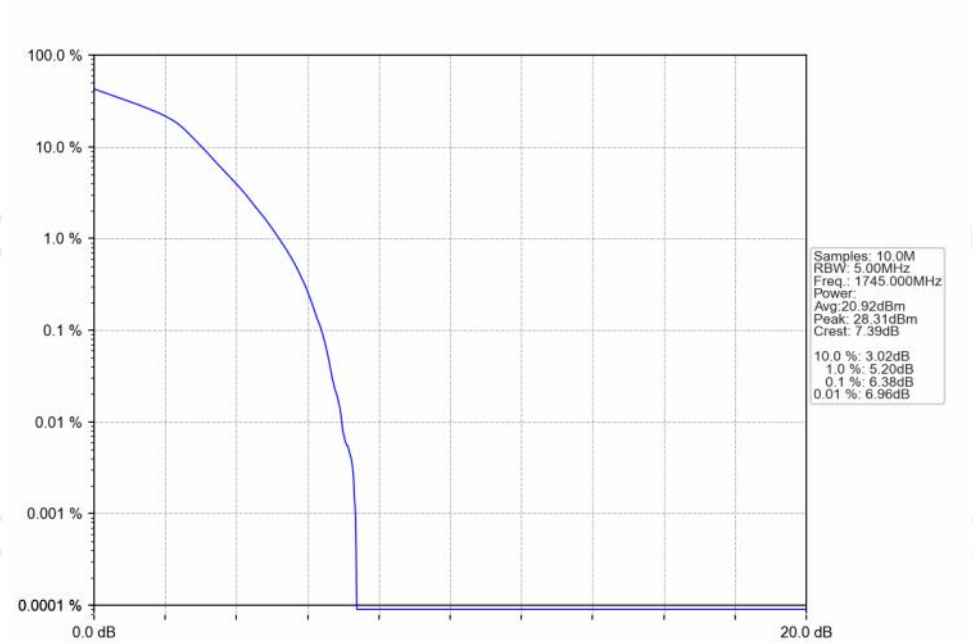
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



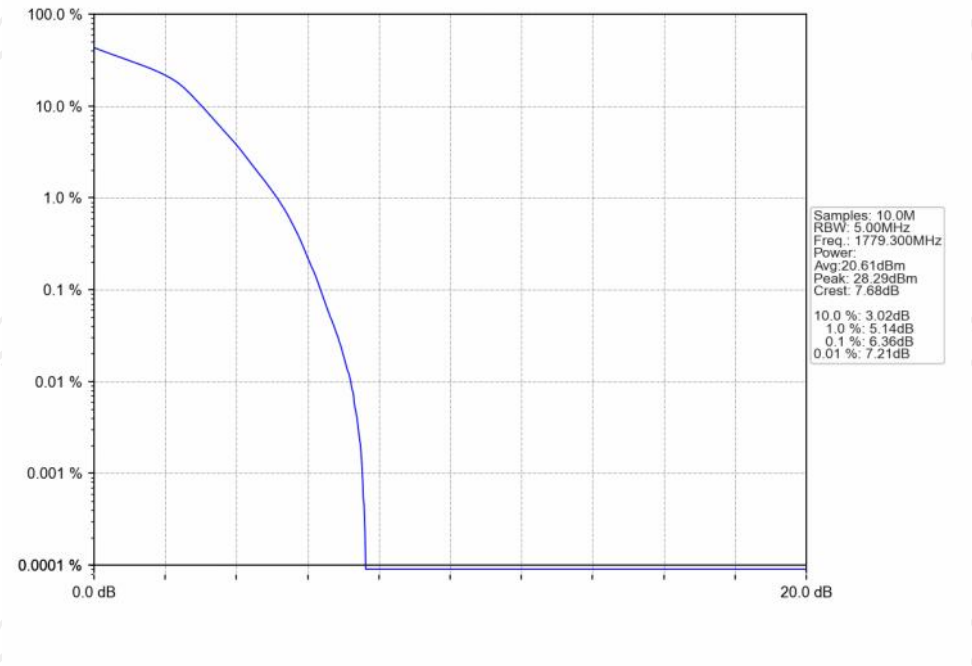
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

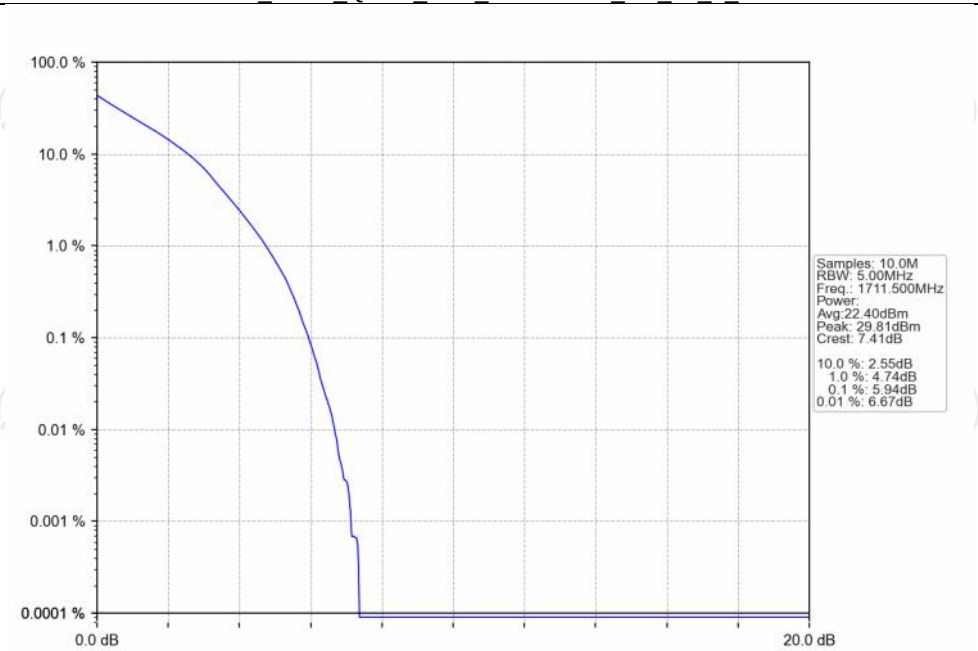


Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

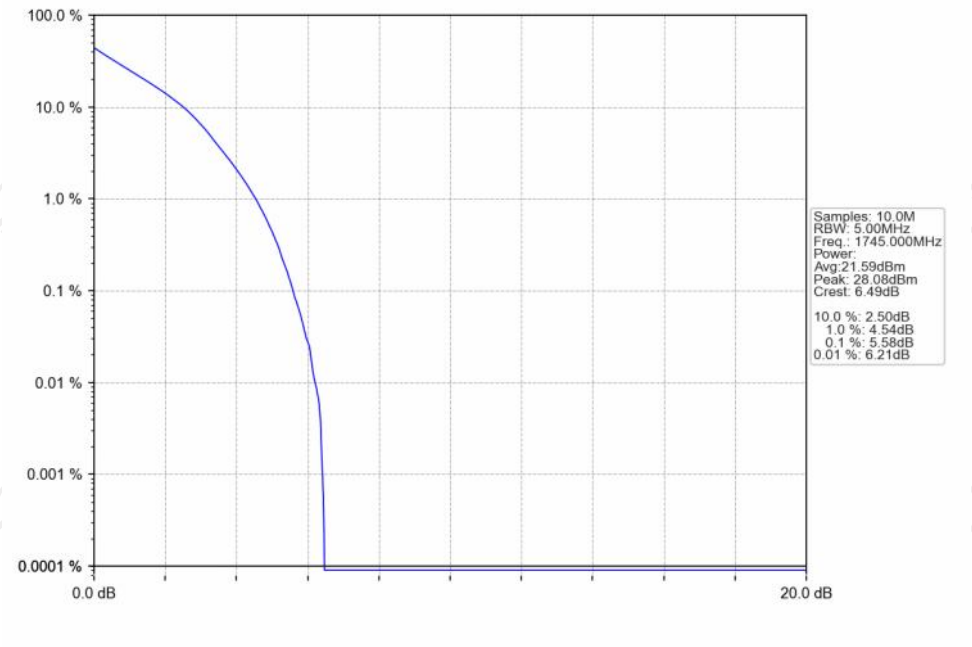


5.2.2 B66_3MHz

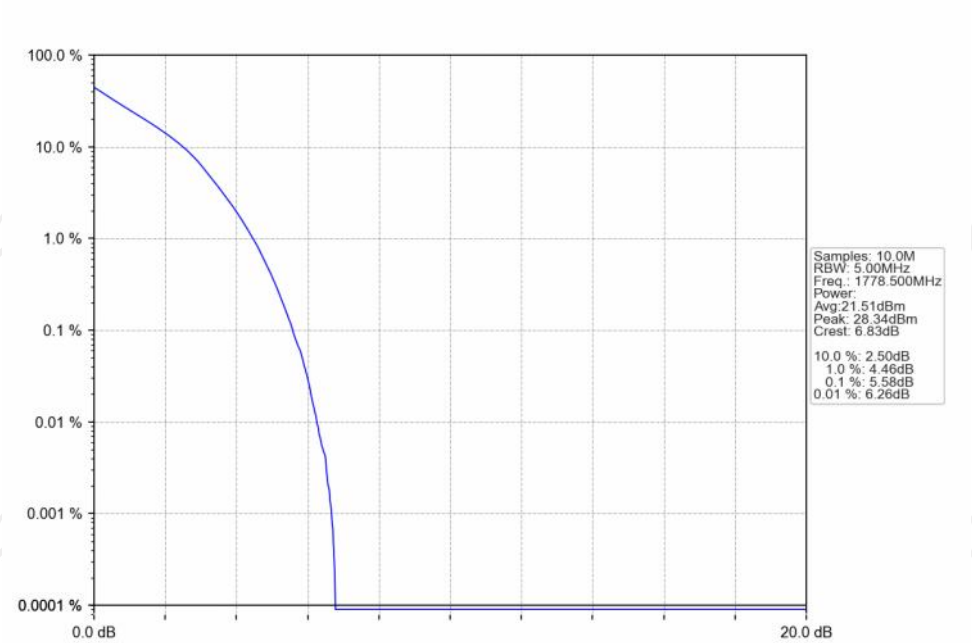
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



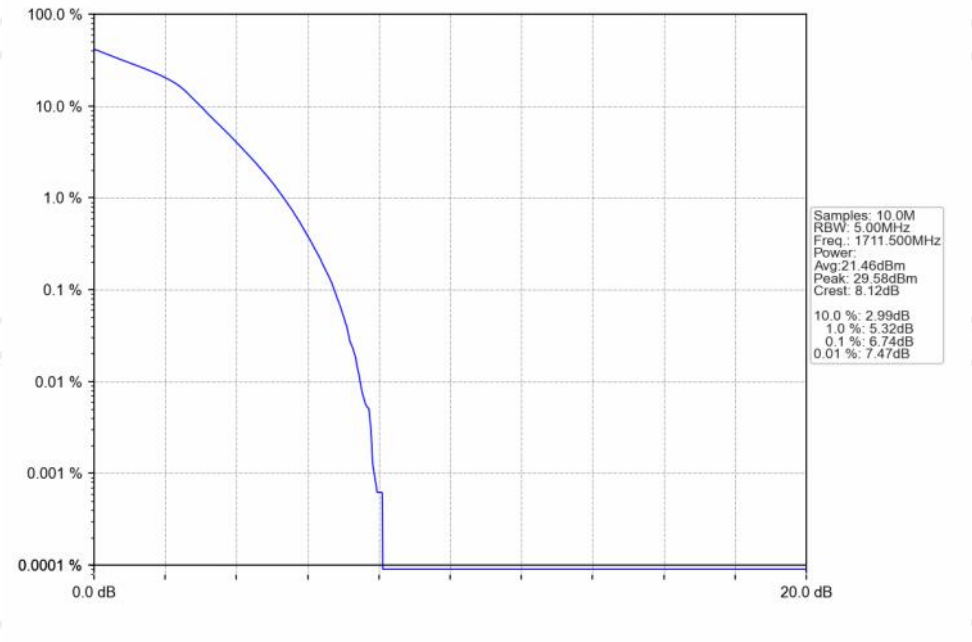
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



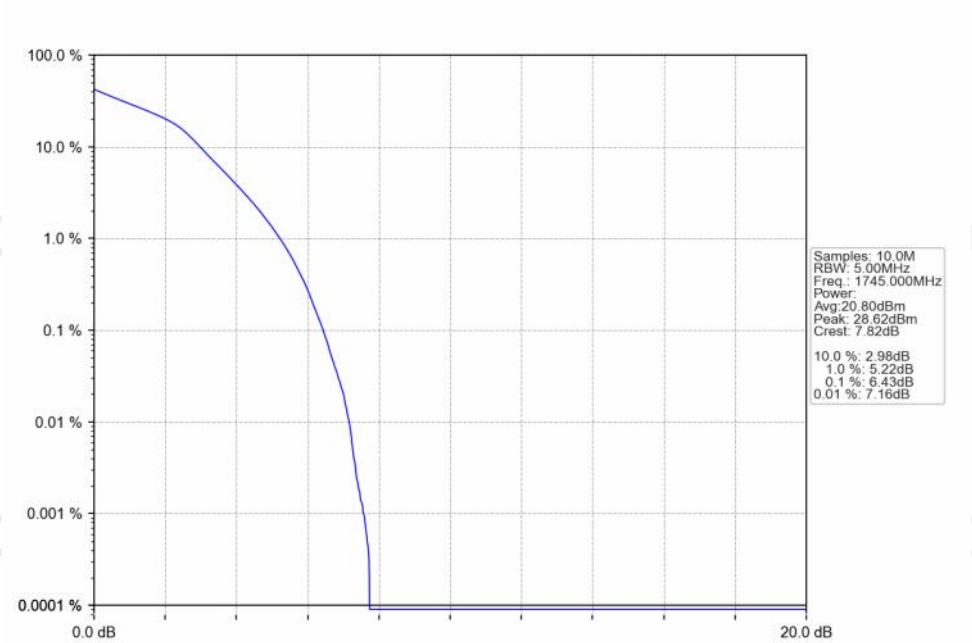
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



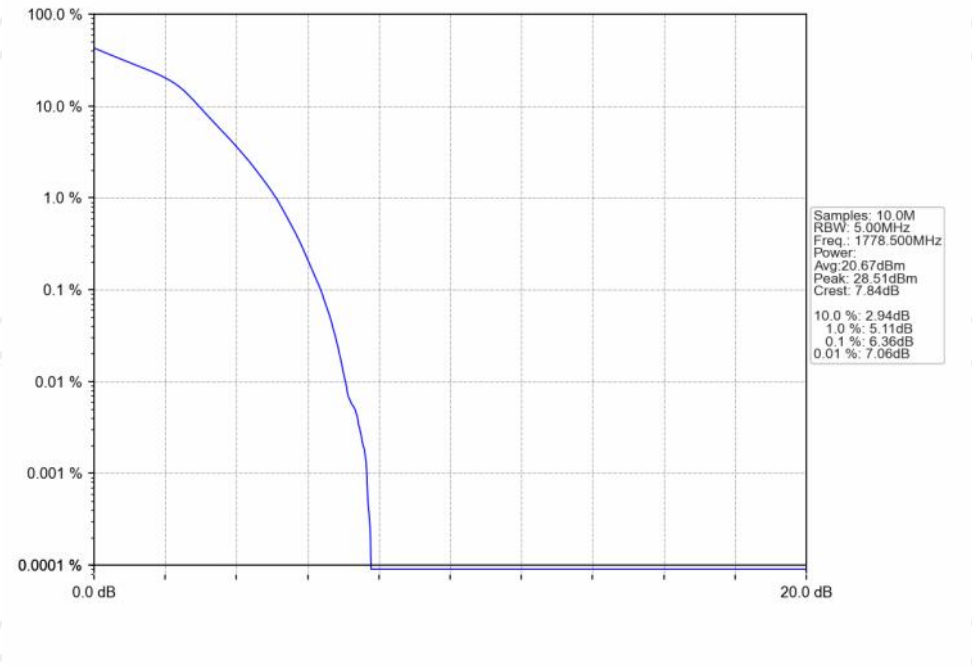
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

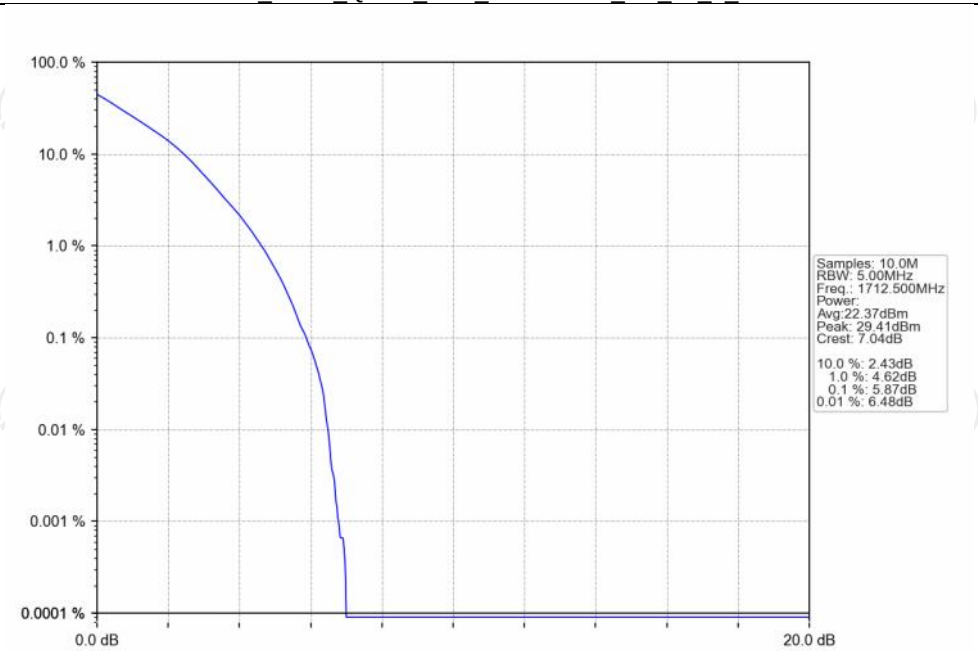


Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



5.2.3 B66_5MHz

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV