

1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1710.7	1	0	22.59	6.00	28.59	<=30	Pass	
			2	22.47	6.00	28.47	<=30	Pass	
			5	22.44	6.00	28.44	<=30	Pass	
		3	0	22.47	6.00	28.47	<=30	Pass	
			2	22.51	6.00	28.51	<=30	Pass	
			3	22.48	6.00	28.48	<=30	Pass	
		6	0	21.56	6.00	27.56	<=30	Pass	
		1745	1	0	23.65	6.00	29.65	<=30	Pass
				2	23.54	6.00	29.54	<=30	Pass
	5			23.53	6.00	29.53	<=30	Pass	
	3		0	23.65	6.00	29.65	<=30	Pass	
			2	23.54	6.00	29.54	<=30	Pass	
			3	23.49	6.00	29.49	<=30	Pass	
	1779.3	6	0	22.66	6.00	28.66	<=30	Pass	
			1	0	23.15	6.00	29.15	<=30	Pass
				2	23.28	6.00	29.28	<=30	Pass
		5		23.61	6.00	29.61	<=30	Pass	
		3	0	23.49	6.00	29.49	<=30	Pass	
			2	23.63	6.00	29.63	<=30	Pass	
			3	23.79	6.00	29.79	<=30	Pass	
		6	0	22.75	6.00	28.75	<=30	Pass	
		16QAM	1710.7	1	0	21.63	6.00	27.63	<=30
	2				21.53	6.00	27.53	<=30	Pass
	5				21.58	6.00	27.58	<=30	Pass
3	0			21.73	6.00	27.73	<=30	Pass	
	2			21.76	6.00	27.76	<=30	Pass	
	3			21.70	6.00	27.70	<=30	Pass	
6	0			20.55	6.00	26.55	<=30	Pass	
1745	1			0	22.84	6.00	28.84	<=30	Pass
				2	22.76	6.00	28.76	<=30	Pass
			5	22.74	6.00	28.74	<=30	Pass	
	3		0	22.73	6.00	28.73	<=30	Pass	
			2	22.65	6.00	28.65	<=30	Pass	
			3	22.65	6.00	28.65	<=30	Pass	
1779.3	6		0	21.65	6.00	27.65	<=30	Pass	
			1	0	22.84	6.00	28.84	<=30	Pass
				2	22.84	6.00	28.84	<=30	Pass
	5			23.02	6.00	29.02	<=30	Pass	
	3		0	23.07	6.00	29.07	<=30	Pass	
			2	23.11	6.00	29.11	<=30	Pass	
			3	23.20	6.00	29.20	<=30	Pass	
	6		0	22.00	6.00	28.00	<=30	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.30	6.00	28.30	<=30	Pass
			7	22.30	6.00	28.30	<=30	Pass
			14	22.14	6.00	28.14	<=30	Pass
		8	0	21.39	6.00	27.39	<=30	Pass
			4	21.36	6.00	27.36	<=30	Pass
			7	21.35	6.00	27.35	<=30	Pass
		15	0	21.32	6.00	27.32	<=30	Pass
	1745	1	0	23.52	6.00	29.52	<=30	Pass
			7	23.60	6.00	29.60	<=30	Pass
			14	23.14	6.00	29.14	<=30	Pass
		8	0	22.64	6.00	28.64	<=30	Pass
			4	22.63	6.00	28.63	<=30	Pass
			7	22.54	6.00	28.54	<=30	Pass
	15	0	22.58	6.00	28.58	<=30	Pass	
	1778.5	1	0	23.38	6.00	29.38	<=30	Pass
			7	23.81	6.00	29.81	<=30	Pass
			14	23.79	6.00	29.79	<=30	Pass
		8	0	22.59	6.00	28.59	<=30	Pass
			4	22.76	6.00	28.76	<=30	Pass
			7	22.87	6.00	28.87	<=30	Pass
		15	0	22.68	6.00	28.68	<=30	Pass
16QAM		1711.5	1	0	21.96	6.00	27.96	<=30
	7			22.04	6.00	28.04	<=30	Pass
	14			21.92	6.00	27.92	<=30	Pass
	8		0	20.53	6.00	26.53	<=30	Pass
			4	20.55	6.00	26.55	<=30	Pass
			7	20.58	6.00	26.58	<=30	Pass
	15		0	20.47	6.00	26.47	<=30	Pass
	1745	1	0	22.83	6.00	28.83	<=30	Pass
			7	22.81	6.00	28.81	<=30	Pass
			14	22.46	6.00	28.46	<=30	Pass
		8	0	21.58	6.00	27.58	<=30	Pass
			4	21.54	6.00	27.54	<=30	Pass
			7	21.52	6.00	27.52	<=30	Pass
	15	0	21.55	6.00	27.55	<=30	Pass	
	1778.5	1	0	22.44	6.00	28.44	<=30	Pass
			7	22.82	6.00	28.82	<=30	Pass
			14	22.82	6.00	28.82	<=30	Pass
		8	0	21.67	6.00	27.67	<=30	Pass
			4	21.87	6.00	27.87	<=30	Pass
			7	21.99	6.00	27.99	<=30	Pass
		15	0	21.81	6.00	27.81	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.26	6.00	28.26	<=30	Pass
			13	22.17	6.00	28.17	<=30	Pass
			24	22.03	6.00	28.03	<=30	Pass
		12	0	21.11	6.00	27.11	<=30	Pass
			6	21.16	6.00	27.16	<=30	Pass
			13	21.09	6.00	27.09	<=30	Pass
		25	0	21.09	6.00	27.09	<=30	Pass
	1745	1	0	23.60	6.00	29.60	<=30	Pass
			13	23.53	6.00	29.53	<=30	Pass
			24	23.03	6.00	29.03	<=30	Pass
		12	0	22.57	6.00	28.57	<=30	Pass
			6	22.56	6.00	28.56	<=30	Pass
			13	22.23	6.00	28.23	<=30	Pass
		25	0	22.43	6.00	28.43	<=30	Pass
	1777.5	1	0	23.10	6.00	29.10	<=30	Pass
			13	23.66	6.00	29.66	<=30	Pass
			24	23.77	6.00	29.77	<=30	Pass
		12	0	22.22	6.00	28.22	<=30	Pass
			6	22.48	6.00	28.48	<=30	Pass
			13	22.65	6.00	28.65	<=30	Pass
		25	0	22.43	6.00	28.43	<=30	Pass
16QAM	1712.5	1	0	21.16	6.00	27.16	<=30	Pass
			13	21.16	6.00	27.16	<=30	Pass
			24	21.09	6.00	27.09	<=30	Pass
		12	0	20.13	6.00	26.13	<=30	Pass
			6	20.33	6.00	26.33	<=30	Pass
			13	20.25	6.00	26.25	<=30	Pass
		25	0	20.29	6.00	26.29	<=30	Pass
	1745	1	0	22.91	6.00	28.91	<=30	Pass
			13	22.94	6.00	28.94	<=30	Pass
			24	22.45	6.00	28.45	<=30	Pass
		12	0	21.59	6.00	27.59	<=30	Pass
			6	21.71	6.00	27.71	<=30	Pass
			13	21.42	6.00	27.42	<=30	Pass
		25	0	21.51	6.00	27.51	<=30	Pass
	1777.5	1	0	22.21	6.00	28.21	<=30	Pass
			13	22.75	6.00	28.75	<=30	Pass
			24	22.89	6.00	28.89	<=30	Pass
		12	0	21.26	6.00	27.26	<=30	Pass
			6	21.58	6.00	27.58	<=30	Pass
			13	21.71	6.00	27.71	<=30	Pass
		25	0	21.59	6.00	27.59	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.92	6.00	27.92	<=30	Pass
			25	21.90	6.00	27.90	<=30	Pass
			49	21.97	6.00	27.97	<=30	Pass
		25	0	20.73	6.00	26.73	<=30	Pass
			13	20.93	6.00	26.93	<=30	Pass
			25	20.83	6.00	26.83	<=30	Pass
		50	0	20.82	6.00	26.82	<=30	Pass
	1745	1	0	23.34	6.00	29.34	<=30	Pass
			25	23.27	6.00	29.27	<=30	Pass
			49	22.50	6.00	28.50	<=30	Pass
		25	0	22.23	6.00	28.23	<=30	Pass
			13	22.26	6.00	28.26	<=30	Pass
			25	21.85	6.00	27.85	<=30	Pass
		50	0	22.09	6.00	28.09	<=30	Pass
	1775	1	0	22.50	6.00	28.50	<=30	Pass
			25	22.85	6.00	28.85	<=30	Pass
			49	23.51	6.00	29.51	<=30	Pass
		25	0	21.41	6.00	27.41	<=30	Pass
			13	21.82	6.00	27.82	<=30	Pass
			25	22.09	6.00	28.09	<=30	Pass
		50	0	21.75	6.00	27.75	<=30	Pass
16QAM	1715	1	0	21.54	6.00	27.54	<=30	Pass
			25	21.63	6.00	27.63	<=30	Pass
			49	21.70	6.00	27.70	<=30	Pass
		12	0	21.04	6.00	27.04	<=30	Pass
			19	21.10	6.00	27.10	<=30	Pass
			38	21.13	6.00	27.13	<=30	Pass
		27	0	19.82	6.00	25.82	<=30	Pass
	1745	1	0	22.65	6.00	28.65	<=30	Pass
			25	22.68	6.00	28.68	<=30	Pass
			49	21.91	6.00	27.91	<=30	Pass
		12	0	22.51	6.00	28.51	<=30	Pass
			19	22.51	6.00	28.51	<=30	Pass
			38	21.91	6.00	27.91	<=30	Pass
	27	0	21.45	6.00	27.45	<=30	Pass	
	1775	1	0	21.49	6.00	27.49	<=30	Pass
			25	21.89	6.00	27.89	<=30	Pass
			49	22.52	6.00	28.52	<=30	Pass
		12	0	21.53	6.00	27.53	<=30	Pass
19			21.88	6.00	27.88	<=30	Pass	
38			22.42	6.00	28.42	<=30	Pass	
27		23	21.16	6.00	27.16	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.50	6.00	28.50	<=30	Pass
			38	22.37	6.00	28.37	<=30	Pass
			74	22.45	6.00	28.45	<=30	Pass
		36	0	21.68	6.00	27.68	<=30	Pass
			18	21.65	6.00	27.65	<=30	Pass
			39	21.66	6.00	27.66	<=30	Pass
		75	0	21.59	6.00	27.59	<=30	Pass
	1745	1	0	23.00	6.00	29.00	<=30	Pass
			38	23.48	6.00	29.48	<=30	Pass
			74	22.68	6.00	28.68	<=30	Pass
		36	0	22.38	6.00	28.38	<=30	Pass
			18	22.44	6.00	28.44	<=30	Pass
			39	21.98	6.00	27.98	<=30	Pass
	75	0	22.18	6.00	28.18	<=30	Pass	
	1772.5	1	0	22.63	6.00	28.63	<=30	Pass
			38	22.43	6.00	28.43	<=30	Pass
			74	23.08	6.00	29.08	<=30	Pass
		36	0	21.91	6.00	27.91	<=30	Pass
			18	21.71	6.00	27.71	<=30	Pass
			39	21.69	6.00	27.69	<=30	Pass
		75	0	21.77	6.00	27.77	<=30	Pass
16QAM	1717.5	1	0	21.72	6.00	27.72	<=30	Pass
			38	21.73	6.00	27.73	<=30	Pass
			74	21.77	6.00	27.77	<=30	Pass
		12	0	21.33	6.00	27.33	<=30	Pass
			31	21.52	6.00	27.52	<=30	Pass
			63	21.52	6.00	27.52	<=30	Pass
		27	0	20.45	6.00	26.45	<=30	Pass
	1745	1	0	22.54	6.00	28.54	<=30	Pass
			38	22.84	6.00	28.84	<=30	Pass
			74	21.89	6.00	27.89	<=30	Pass
		12	0	22.35	6.00	28.35	<=30	Pass
			31	22.62	6.00	28.62	<=30	Pass
			63	21.67	6.00	27.67	<=30	Pass
	27	0	21.41	6.00	27.41	<=30	Pass	
	1772.5	1	0	21.73	6.00	27.73	<=30	Pass
			38	21.76	6.00	27.76	<=30	Pass
			74	22.60	6.00	28.60	<=30	Pass
		12	0	21.39	6.00	27.39	<=30	Pass
31			21.71	6.00	27.71	<=30	Pass	
63			22.28	6.00	28.28	<=30	Pass	
27		48	21.27	6.00	27.27	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.48	6.00	28.48	<=30	Pass
			50	22.59	6.00	28.59	<=30	Pass
			99	22.66	6.00	28.66	<=30	Pass
		50	0	21.21	6.00	27.21	<=30	Pass
			25	21.57	6.00	27.57	<=30	Pass
			50	21.54	6.00	27.54	<=30	Pass
		100	0	21.53	6.00	27.53	<=30	Pass
	1745	1	0	22.94	6.00	28.94	<=30	Pass
			50	23.57	6.00	29.57	<=30	Pass
			99	22.44	6.00	28.44	<=30	Pass
		50	0	22.29	6.00	28.29	<=30	Pass
			25	22.39	6.00	28.39	<=30	Pass
			50	21.63	6.00	27.63	<=30	Pass
		100	0	22.04	6.00	28.04	<=30	Pass
	1770	1	0	22.45	6.00	28.45	<=30	Pass
			50	22.66	6.00	28.66	<=30	Pass
			99	22.97	6.00	28.97	<=30	Pass
		50	0	21.79	6.00	27.79	<=30	Pass
			25	21.93	6.00	27.93	<=30	Pass
			50	21.45	6.00	27.45	<=30	Pass
		100	0	22.04	6.00	28.04	<=30	Pass
16QAM	1720	1	0	21.56	6.00	27.56	<=30	Pass
			50	21.90	6.00	27.90	<=30	Pass
			99	22.22	6.00	28.22	<=30	Pass
		12	0	21.09	6.00	27.09	<=30	Pass
			44	21.58	6.00	27.58	<=30	Pass
			88	21.65	6.00	27.65	<=30	Pass
		27	0	20.12	6.00	26.12	<=30	Pass
	1745	1	0	22.39	6.00	28.39	<=30	Pass
			50	22.90	6.00	28.90	<=30	Pass
			99	21.65	6.00	27.65	<=30	Pass
		12	0	22.11	6.00	28.11	<=30	Pass
			44	22.61	6.00	28.61	<=30	Pass
			88	21.34	6.00	27.34	<=30	Pass
		27	0	21.25	6.00	27.25	<=30	Pass
	1770	1	0	21.61	6.00	27.61	<=30	Pass
			50	22.03	6.00	28.03	<=30	Pass
			99	22.42	6.00	28.42	<=30	Pass
		12	0	21.17	6.00	27.17	<=30	Pass
44			21.82	6.00	27.82	<=30	Pass	
88			22.00	6.00	28.00	<=30	Pass	
27		73	20.94	6.00	26.94	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	17.418	0.0102	-2.5 to 2.5	Pass
					3.85	19.074	0.0111	-2.5 to 2.5	Pass
					4.43	8.432	0.0049	-2.5 to 2.5	Pass
				-30	3.85	12.340	0.0072	-2.5 to 2.5	Pass
				-20	3.85	8.720	0.0051	-2.5 to 2.5	Pass
				-10	3.85	13.441	0.0079	-2.5 to 2.5	Pass
				0	3.85	-3.478	-0.0020	-2.5 to 2.5	Pass
				10	3.85	12.874	0.0075	-2.5 to 2.5	Pass
				30	3.85	18.767	0.0110	-2.5 to 2.5	Pass
				40	3.85	-3.403	-0.0020	-2.5 to 2.5	Pass
				50	3.85	20.351	0.0119	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	16.888	0.0097	-2.5 to 2.5	Pass
					3.85	8.207	0.0047	-2.5 to 2.5	Pass
					4.43	-18.861	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-13.478	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-5.521	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	6.124	0.0035	-2.5 to 2.5	Pass
				0	3.85	-0.105	-0.0001	-2.5 to 2.5	Pass
				10	3.85	14.471	0.0083	-2.5 to 2.5	Pass
				30	3.85	10.922	0.0063	-2.5 to 2.5	Pass
				40	3.85	18.496	0.0106	-2.5 to 2.5	Pass
				50	3.85	-12.190	-0.0070	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	14.962	0.0084	-2.5 to 2.5	Pass
					3.85	10.770	0.0061	-2.5 to 2.5	Pass
					4.43	10.565	0.0059	-2.5 to 2.5	Pass
				-30	3.85	17.903	0.0101	-2.5 to 2.5	Pass
				-20	3.85	11.935	0.0067	-2.5 to 2.5	Pass
				-10	3.85	11.169	0.0063	-2.5 to 2.5	Pass
				0	3.85	18.467	0.0104	-2.5 to 2.5	Pass
				10	3.85	-6.620	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-15.420	-0.0087	-2.5 to 2.5	Pass
				40	3.85	10.930	0.0061	-2.5 to 2.5	Pass
				50	3.85	-11.002	-0.0062	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-6.330	-0.0037	-2.5 to 2.5	Pass
					3.85	-16.178	-0.0095	-2.5 to 2.5	Pass
					4.43	16.249	0.0095	-2.5 to 2.5	Pass
				-30	3.85	-16.814	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	3.082	0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.132	0.0001	-2.5 to 2.5	Pass
				0	3.85	7.319	0.0043	-2.5 to 2.5	Pass
				10	3.85	-16.644	-0.0097	-2.5 to 2.5	Pass
				30	3.85	6.562	0.0038	-2.5 to 2.5	Pass
				40	3.85	15.405	0.0090	-2.5 to 2.5	Pass
				50	3.85	-6.106	-0.0036	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-14.424	-0.0083	-2.5 to 2.5	Pass
					3.85	-17.144	-0.0098	-2.5 to 2.5	Pass

					4.43	-10.026	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-13.216	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	20.229	0.0116	-2.5 to 2.5	Pass
				-10	3.85	18.285	0.0105	-2.5 to 2.5	Pass
				0	3.85	13.158	0.0075	-2.5 to 2.5	Pass
				10	3.85	20.314	0.0116	-2.5 to 2.5	Pass
				30	3.85	-15.665	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-0.103	-0.0001	-2.5 to 2.5	Pass
				50	3.85	15.805	0.0091	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-15.787	-0.0089	-2.5 to 2.5	Pass
					3.85	-4.980	-0.0028	-2.5 to 2.5	Pass
					4.43	3.793	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-12.337	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	9.049	0.0051	-2.5 to 2.5	Pass
				-10	3.85	-12.827	-0.0072	-2.5 to 2.5	Pass
				0	3.85	17.139	0.0096	-2.5 to 2.5	Pass
				10	3.85	2.169	0.0012	-2.5 to 2.5	Pass
				30	3.85	18.130	0.0102	-2.5 to 2.5	Pass
				40	3.85	-16.444	-0.0092	-2.5 to 2.5	Pass
				50	3.85	9.998	0.0056	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	16.204	0.0095	-2.5 to 2.5	Pass
					3.85	17.188	0.0100	-2.5 to 2.5	Pass
					4.43	15.293	0.0089	-2.5 to 2.5	Pass
				-30	3.85	10.669	0.0062	-2.5 to 2.5	Pass
				-20	3.85	-8.906	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	2.921	0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.461	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-10.131	-0.0059	-2.5 to 2.5	Pass
				30	3.85	15.874	0.0093	-2.5 to 2.5	Pass
				40	3.85	13.202	0.0077	-2.5 to 2.5	Pass
				50	3.85	-16.721	-0.0098	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-21.306	-0.0122	-2.5 to 2.5	Pass
					3.85	-15.056	-0.0086	-2.5 to 2.5	Pass
					4.43	3.626	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-9.480	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-8.823	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	11.181	0.0064	-2.5 to 2.5	Pass
				0	3.85	-16.080	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-9.236	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-4.504	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-20.857	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-20.885	-0.0120	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	17.031	0.0096	-2.5 to 2.5	Pass
					3.85	7.267	0.0041	-2.5 to 2.5	Pass
					4.43	17.521	0.0099	-2.5 to 2.5	Pass
				-30	3.85	14.010	0.0079	-2.5 to 2.5	Pass
				-20	3.85	10.517	0.0059	-2.5 to 2.5	Pass
				-10	3.85	11.166	0.0063	-2.5 to 2.5	Pass
				0	3.85	9.923	0.0056	-2.5 to 2.5	Pass
				10	3.85	-13.877	-0.0078	-2.5 to 2.5	Pass
				30	3.85	16.949	0.0095	-2.5 to 2.5	Pass
				40	3.85	18.262	0.0103	-2.5 to 2.5	Pass
				50	3.85	-7.092	-0.0040	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-19.502	-0.0114	-2.5 to 2.5	Pass
					3.85	7.731	0.0045	-2.5 to 2.5	Pass
					4.43	-3.955	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.202	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	13.931	0.0081	-2.5 to 2.5	Pass
				-10	3.85	-19.854	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-17.311	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-14.978	-0.0088	-2.5 to 2.5	Pass
				30	3.85	10.366	0.0061	-2.5 to 2.5	Pass
				40	3.85	-20.967	-0.0123	-2.5 to 2.5	Pass
				50	3.85	15.425	0.0090	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-15.868	-0.0091	-2.5 to 2.5	Pass
					3.85	0.255	0.0001	-2.5 to 2.5	Pass
					4.43	-12.520	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-10.393	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-19.751	-0.0113	-2.5 to 2.5	Pass

				-10	3.85	-19.601	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-21.490	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-13.916	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-19.101	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-6.755	-0.0039	-2.5 to 2.5	Pass
				50	3.85	1.533	0.0009	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-18.711	-0.0105	-2.5 to 2.5	Pass
					3.85	-20.070	-0.0113	-2.5 to 2.5	Pass
					4.43	-21.024	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-12.376	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-16.424	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-19.713	-0.0111	-2.5 to 2.5	Pass
				0	3.85	8.646	0.0049	-2.5 to 2.5	Pass
				10	3.85	-0.248	-0.0001	-2.5 to 2.5	Pass
				30	3.85	8.728	0.0049	-2.5 to 2.5	Pass
				40	3.85	-15.515	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-16.553	-0.0093	-2.5 to 2.5	Pass

2.3 B66_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	15.177	0.0089	-2.5 to 2.5	Pass
					3.85	-17.192	-0.0100	-2.5 to 2.5	Pass
					4.43	18.100	0.0106	-2.5 to 2.5	Pass
				-30	3.85	12.162	0.0071	-2.5 to 2.5	Pass
				-20	3.85	-16.030	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	20.402	0.0119	-2.5 to 2.5	Pass
				0	3.85	11.727	0.0068	-2.5 to 2.5	Pass
				10	3.85	-6.307	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-13.407	-0.0078	-2.5 to 2.5	Pass
				40	3.85	0.440	0.0003	-2.5 to 2.5	Pass
				50	3.85	10.756	0.0063	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	17.158	0.0098	-2.5 to 2.5	Pass
					3.85	-10.538	-0.0060	-2.5 to 2.5	Pass
					4.43	-13.071	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	14.736	0.0084	-2.5 to 2.5	Pass
				-20	3.85	-19.378	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	16.102	0.0092	-2.5 to 2.5	Pass
				0	3.85	-14.310	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-22.213	-0.0127	-2.5 to 2.5	Pass
				30	3.85	10.812	0.0062	-2.5 to 2.5	Pass
				40	3.85	8.451	0.0048	-2.5 to 2.5	Pass
				50	3.85	-7.989	-0.0046	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	16.399	0.0092	-2.5 to 2.5	Pass
					3.85	13.985	0.0079	-2.5 to 2.5	Pass
					4.43	16.904	0.0095	-2.5 to 2.5	Pass
				-30	3.85	16.453	0.0093	-2.5 to 2.5	Pass
				-20	3.85	18.275	0.0103	-2.5 to 2.5	Pass
				-10	3.85	18.048	0.0102	-2.5 to 2.5	Pass
				0	3.85	14.248	0.0080	-2.5 to 2.5	Pass
				10	3.85	-16.595	-0.0093	-2.5 to 2.5	Pass
				30	3.85	18.496	0.0104	-2.5 to 2.5	Pass
				40	3.85	18.619	0.0105	-2.5 to 2.5	Pass
				50	3.85	7.033	0.0040	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-17.620	-0.0103	-2.5 to 2.5	Pass
					3.85	-18.496	-0.0108	-2.5 to 2.5	Pass
					4.43	8.450	0.0049	-2.5 to 2.5	Pass
				-30	3.85	-20.035	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-12.691	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-2.603	-0.0015	-2.5 to 2.5	Pass
				0	3.85	15.516	0.0091	-2.5 to 2.5	Pass
				10	3.85	19.944	0.0116	-2.5 to 2.5	Pass
				30	3.85	7.333	0.0043	-2.5 to 2.5	Pass
				40	3.85	7.905	0.0046	-2.5 to 2.5	Pass
				50	3.85	0.346	0.0002	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	3.174	0.0018	-2.5 to 2.5	Pass
					3.85	-18.962	-0.0109	-2.5 to 2.5	Pass
					4.43	-20.407	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-11.228	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	9.506	0.0054	-2.5 to 2.5	Pass

				-10	3.85	-20.170	-0.0116	-2.5 to 2.5	Pass
				0	3.85	10.114	0.0058	-2.5 to 2.5	Pass
				10	3.85	-15.520	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-21.059	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-17.585	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-16.668	-0.0096	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-13.192	-0.0074	-2.5 to 2.5	Pass
					3.85	-14.213	-0.0080	-2.5 to 2.5	Pass
					4.43	-6.127	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-11.824	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-15.605	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-23.487	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-16.599	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-19.213	-0.0108	-2.5 to 2.5	Pass
				30	3.85	12.893	0.0073	-2.5 to 2.5	Pass
				40	3.85	3.453	0.0019	-2.5 to 2.5	Pass
				50	3.85	3.605	0.0020	-2.5 to 2.5	Pass

2.4 B66_10MHz

2.4.1 Test Result

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	15.924	0.0093	-2.5 to 2.5	Pass
					3.85	15.065	0.0088	-2.5 to 2.5	Pass
					4.43	1.878	0.0011	-2.5 to 2.5	Pass
				-30	3.85	10.362	0.0060	-2.5 to 2.5	Pass
				-20	3.85	-7.897	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	10.406	0.0061	-2.5 to 2.5	Pass
				0	3.85	12.812	0.0075	-2.5 to 2.5	Pass
				10	3.85	1.575	0.0009	-2.5 to 2.5	Pass
				30	3.85	12.131	0.0071	-2.5 to 2.5	Pass
				40	3.85	3.049	0.0018	-2.5 to 2.5	Pass
				50	3.85	8.992	0.0052	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-16.234	-0.0093	-2.5 to 2.5	Pass
					3.85	-11.139	-0.0064	-2.5 to 2.5	Pass
					4.43	-9.838	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-19.661	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	14.451	0.0083	-2.5 to 2.5	Pass
				-10	3.85	-5.130	-0.0029	-2.5 to 2.5	Pass
				0	3.85	16.460	0.0094	-2.5 to 2.5	Pass
				10	3.85	-0.333	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-9.384	-0.0054	-2.5 to 2.5	Pass
				40	3.85	18.402	0.0105	-2.5 to 2.5	Pass
				50	3.85	13.920	0.0080	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	17.832	0.0100	-2.5 to 2.5	Pass
					3.85	11.209	0.0063	-2.5 to 2.5	Pass
					4.43	13.400	0.0075	-2.5 to 2.5	Pass
				-30	3.85	16.795	0.0095	-2.5 to 2.5	Pass
				-20	3.85	18.107	0.0102	-2.5 to 2.5	Pass
				-10	3.85	9.581	0.0054	-2.5 to 2.5	Pass
				0	3.85	19.749	0.0111	-2.5 to 2.5	Pass
				10	3.85	11.741	0.0066	-2.5 to 2.5	Pass
				30	3.85	17.426	0.0098	-2.5 to 2.5	Pass
				40	3.85	20.892	0.0118	-2.5 to 2.5	Pass
				50	3.85	15.585	0.0088	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-12.201	-0.0071	-2.5 to 2.5	Pass
					3.85	-17.424	-0.0102	-2.5 to 2.5	Pass
					4.43	-13.424	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	17.766	0.0104	-2.5 to 2.5	Pass
				-20	3.85	-20.064	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-19.092	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-12.295	-0.0072	-2.5 to 2.5	Pass
				10	3.85	16.343	0.0095	-2.5 to 2.5	Pass
				30	3.85	-9.976	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-4.938	-0.0029	-2.5 to 2.5	Pass
				50	3.85	15.426	0.0090	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	-15.933	-0.0091	-2.5 to 2.5	Pass
					3.85	-12.317	-0.0071	-2.5 to 2.5	Pass
					4.43	-14.195	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	3.761	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-9.271	-0.0053	-2.5 to 2.5	Pass

				-10	3.85	17.295	0.0099	-2.5 to 2.5	Pass
				0	3.85	14.732	0.0084	-2.5 to 2.5	Pass
				10	3.85	-13.996	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-18.169	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-11.202	-0.0064	-2.5 to 2.5	Pass
				50	3.85	16.931	0.0097	-2.5 to 2.5	Pass
	1775	27	23	20	3.27	-17.746	-0.0100	-2.5 to 2.5	Pass
					3.85	-18.013	-0.0101	-2.5 to 2.5	Pass
					4.43	-10.481	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-3.897	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-13.965	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-18.258	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-18.388	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-20.720	-0.0117	-2.5 to 2.5	Pass
				30	3.85	12.510	0.0070	-2.5 to 2.5	Pass
				40	3.85	3.784	0.0021	-2.5 to 2.5	Pass
				50	3.85	18.932	0.0107	-2.5 to 2.5	Pass

2.5 B66_15MHz

2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	6.577	0.0038	-2.5 to 2.5	Pass
					3.85	16.861	0.0098	-2.5 to 2.5	Pass
					4.43	11.792	0.0069	-2.5 to 2.5	Pass
				-30	3.85	18.511	0.0108	-2.5 to 2.5	Pass
				-20	3.85	14.486	0.0084	-2.5 to 2.5	Pass
				-10	3.85	11.218	0.0065	-2.5 to 2.5	Pass
				0	3.85	20.452	0.0119	-2.5 to 2.5	Pass
				10	3.85	12.048	0.0070	-2.5 to 2.5	Pass
				30	3.85	20.841	0.0121	-2.5 to 2.5	Pass
				40	3.85	20.557	0.0120	-2.5 to 2.5	Pass
				50	3.85	11.566	0.0067	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	17.514	0.0100	-2.5 to 2.5	Pass
					3.85	7.850	0.0045	-2.5 to 2.5	Pass
					4.43	15.672	0.0090	-2.5 to 2.5	Pass
				-30	3.85	14.412	0.0083	-2.5 to 2.5	Pass
				-20	3.85	11.093	0.0064	-2.5 to 2.5	Pass
				-10	3.85	19.582	0.0112	-2.5 to 2.5	Pass
				0	3.85	10.450	0.0060	-2.5 to 2.5	Pass
				10	3.85	16.111	0.0092	-2.5 to 2.5	Pass
				30	3.85	2.044	0.0012	-2.5 to 2.5	Pass
				40	3.85	14.680	0.0084	-2.5 to 2.5	Pass
				50	3.85	17.283	0.0099	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-19.284	-0.0109	-2.5 to 2.5	Pass
					3.85	-16.125	-0.0091	-2.5 to 2.5	Pass
					4.43	-14.443	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	19.549	0.0110	-2.5 to 2.5	Pass
				-20	3.85	16.124	0.0091	-2.5 to 2.5	Pass
				-10	3.85	16.289	0.0092	-2.5 to 2.5	Pass
				0	3.85	19.701	0.0111	-2.5 to 2.5	Pass
				10	3.85	16.684	0.0094	-2.5 to 2.5	Pass
				30	3.85	18.178	0.0103	-2.5 to 2.5	Pass
				40	3.85	16.284	0.0092	-2.5 to 2.5	Pass
				50	3.85	14.526	0.0082	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	-16.225	-0.0094	-2.5 to 2.5	Pass
					3.85	-17.731	-0.0103	-2.5 to 2.5	Pass
					4.43	-19.175	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	11.660	0.0068	-2.5 to 2.5	Pass
				-20	3.85	-3.015	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-15.214	-0.0089	-2.5 to 2.5	Pass
				0	3.85	11.055	0.0064	-2.5 to 2.5	Pass
				10	3.85	-13.064	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-22.499	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-17.537	-0.0102	-2.5 to 2.5	Pass
				50	3.85	17.257	0.0100	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	12.064	0.0069	-2.5 to 2.5	Pass
					3.85	14.778	0.0085	-2.5 to 2.5	Pass
					4.43	14.660	0.0084	-2.5 to 2.5	Pass
				-30	3.85	-9.171	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-7.760	-0.0044	-2.5 to 2.5	Pass

				-10	3.85	16.583	0.0095	-2.5 to 2.5	Pass
				0	3.85	11.533	0.0066	-2.5 to 2.5	Pass
				10	3.85	16.046	0.0092	-2.5 to 2.5	Pass
				30	3.85	15.479	0.0089	-2.5 to 2.5	Pass
				40	3.85	6.071	0.0035	-2.5 to 2.5	Pass
				50	3.85	-12.087	-0.0069	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.27	-18.293	-0.0103	-2.5 to 2.5	Pass
					3.85	-4.891	-0.0028	-2.5 to 2.5	Pass
					4.43	18.116	0.0102	-2.5 to 2.5	Pass
				-30	3.85	12.262	0.0069	-2.5 to 2.5	Pass
				-20	3.85	15.718	0.0089	-2.5 to 2.5	Pass
				-10	3.85	22.424	0.0127	-2.5 to 2.5	Pass
				0	3.85	17.544	0.0099	-2.5 to 2.5	Pass
				10	3.85	16.617	0.0094	-2.5 to 2.5	Pass
				30	3.85	-0.116	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-17.171	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-2.702	-0.0015	-2.5 to 2.5	Pass

2.6 B66_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-17.431	-0.0101	-2.5 to 2.5	Pass
					3.85	-17.365	-0.0101	-2.5 to 2.5	Pass
					4.43	-13.448	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	17.154	0.0100	-2.5 to 2.5	Pass
				-20	3.85	11.031	0.0064	-2.5 to 2.5	Pass
				-10	3.85	10.669	0.0062	-2.5 to 2.5	Pass
				0	3.85	14.753	0.0086	-2.5 to 2.5	Pass
				10	3.85	19.414	0.0113	-2.5 to 2.5	Pass
				30	3.85	12.396	0.0072	-2.5 to 2.5	Pass
				40	3.85	18.831	0.0109	-2.5 to 2.5	Pass
				50	3.85	4.816	0.0028	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	16.090	0.0092	-2.5 to 2.5	Pass
					3.85	17.392	0.0100	-2.5 to 2.5	Pass
					4.43	19.552	0.0112	-2.5 to 2.5	Pass
				-30	3.85	9.671	0.0055	-2.5 to 2.5	Pass
				-20	3.85	21.346	0.0122	-2.5 to 2.5	Pass
				-10	3.85	8.505	0.0049	-2.5 to 2.5	Pass
				0	3.85	20.893	0.0120	-2.5 to 2.5	Pass
				10	3.85	11.765	0.0067	-2.5 to 2.5	Pass
				30	3.85	19.106	0.0109	-2.5 to 2.5	Pass
				40	3.85	14.554	0.0083	-2.5 to 2.5	Pass
				50	3.85	21.415	0.0123	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-20.856	-0.0118	-2.5 to 2.5	Pass
					3.85	-17.928	-0.0101	-2.5 to 2.5	Pass
					4.43	-20.208	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	15.166	0.0086	-2.5 to 2.5	Pass
				-20	3.85	14.944	0.0084	-2.5 to 2.5	Pass
				-10	3.85	18.286	0.0103	-2.5 to 2.5	Pass
				0	3.85	15.393	0.0087	-2.5 to 2.5	Pass
				10	3.85	18.182	0.0103	-2.5 to 2.5	Pass
				30	3.85	21.794	0.0123	-2.5 to 2.5	Pass
				40	3.85	14.794	0.0084	-2.5 to 2.5	Pass
				50	3.85	13.408	0.0076	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	-6.038	-0.0035	-2.5 to 2.5	Pass
					3.85	-13.692	-0.0080	-2.5 to 2.5	Pass
					4.43	-15.194	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	19.908	0.0116	-2.5 to 2.5	Pass
				-20	3.85	-19.228	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	15.787	0.0092	-2.5 to 2.5	Pass
				0	3.85	9.839	0.0057	-2.5 to 2.5	Pass
				10	3.85	-13.605	-0.0079	-2.5 to 2.5	Pass
				30	3.85	21.911	0.0127	-2.5 to 2.5	Pass
				40	3.85	21.024	0.0122	-2.5 to 2.5	Pass
				50	3.85	19.530	0.0114	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	19.664	0.0113	-2.5 to 2.5	Pass
					3.85	12.505	0.0072	-2.5 to 2.5	Pass
					4.43	-0.059	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.897	0.0011	-2.5 to 2.5	Pass
				-20	3.85	15.311	0.0088	-2.5 to 2.5	Pass

				-10	3.85	8.440	0.0048	-2.5 to 2.5	Pass
				0	3.85	20.105	0.0115	-2.5 to 2.5	Pass
				10	3.85	10.780	0.0062	-2.5 to 2.5	Pass
				30	3.85	7.613	0.0044	-2.5 to 2.5	Pass
				40	3.85	6.907	0.0040	-2.5 to 2.5	Pass
				50	3.85	20.649	0.0118	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	-19.153	-0.0108	-2.5 to 2.5	Pass
					3.85	1.607	0.0009	-2.5 to 2.5	Pass
					4.43	15.950	0.0090	-2.5 to 2.5	Pass
				-30	3.85	3.645	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-21.967	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	12.864	0.0073	-2.5 to 2.5	Pass
				0	3.85	-13.194	-0.0075	-2.5 to 2.5	Pass
				10	3.85	17.474	0.0099	-2.5 to 2.5	Pass
				30	3.85	15.073	0.0085	-2.5 to 2.5	Pass
				40	3.85	15.724	0.0089	-2.5 to 2.5	Pass
				50	3.85	-20.263	-0.0114	-2.5 to 2.5	Pass

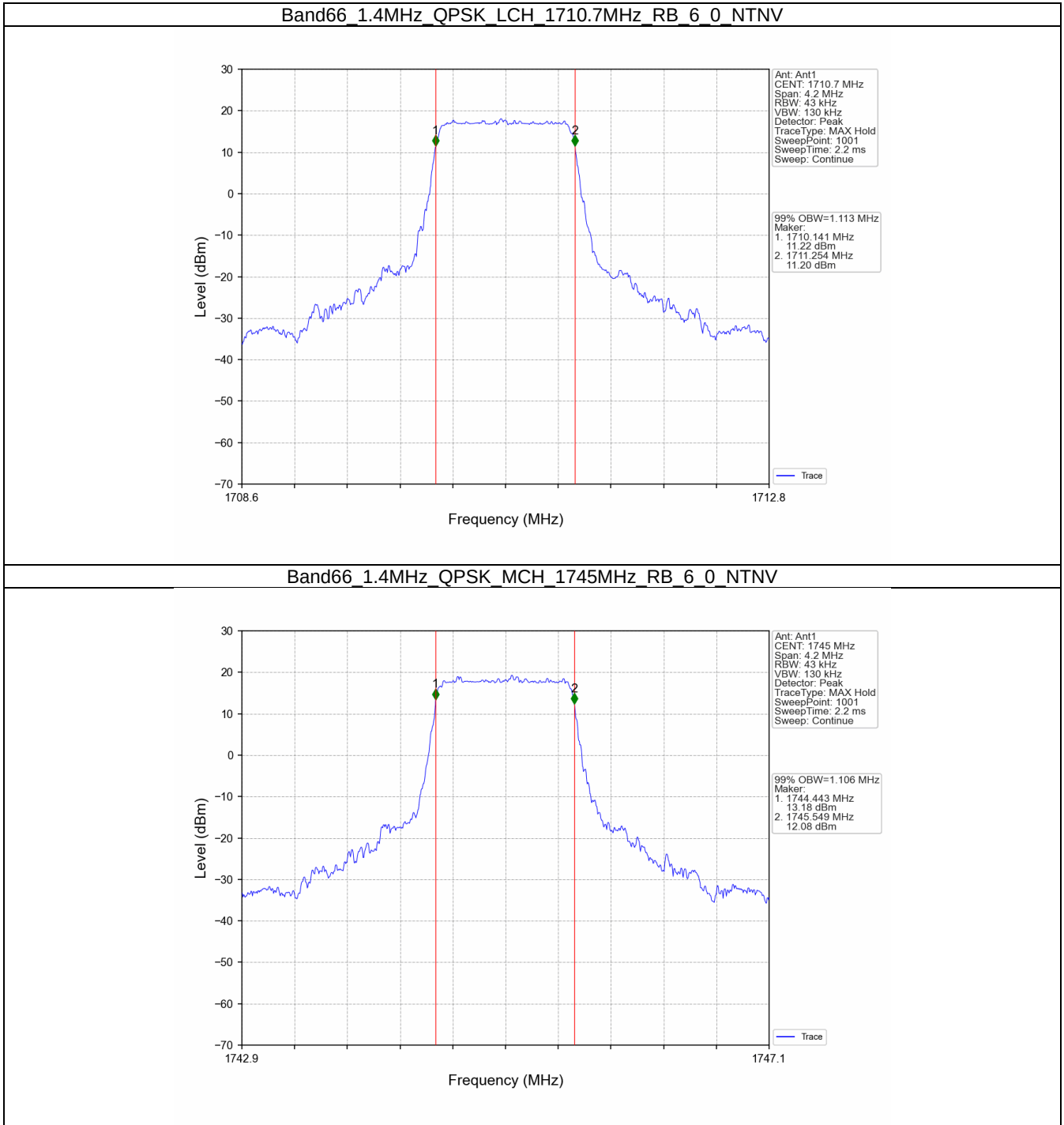
3. 99% & 26dB Bandwidth

3.1 Band66_OBW

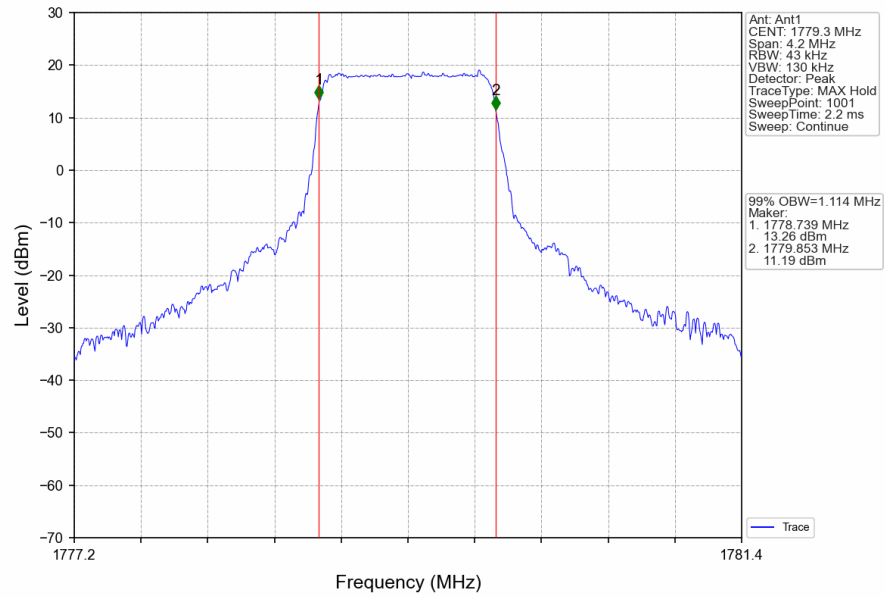
3.1.1 Test Result

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	1.113	/	Pass
		1745	6	0	1.106	/	Pass
		1779.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.103	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.732	/	Pass
	16QAM	1711.5	15	0	2.744	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.728	/	Pass
5	QPSK	1712.5	25	0	4.556	/	Pass
		1745	25	0	4.545	/	Pass
		1777.5	25	0	4.536	/	Pass
	16QAM	1712.5	25	0	4.543	/	Pass
		1745	25	0	4.550	/	Pass
		1777.5	25	0	4.540	/	Pass
10	QPSK	1715	50	0	9.049	/	Pass
		1745	50	0	9.043	/	Pass
		1775	50	0	9.032	/	Pass
	16QAM	1715	27	0	5.045	/	Pass
		1745	27	0	5.044	/	Pass
		1775	27	23	5.065	/	Pass
15	QPSK	1717.5	75	0	13.539	/	Pass
		1745	75	0	13.519	/	Pass
		1772.5	75	0	13.569	/	Pass
	16QAM	1717.5	27	0	5.260	/	Pass
		1745	27	0	5.259	/	Pass
		1772.5	27	48	5.259	/	Pass
20	QPSK	1720	100	0	18.049	/	Pass
		1745	100	0	17.978	/	Pass
		1770	100	0	18.142	/	Pass
	16QAM	1720	27	0	5.429	/	Pass
		1745	27	0	5.421	/	Pass
		1770	27	73	5.398	/	Pass

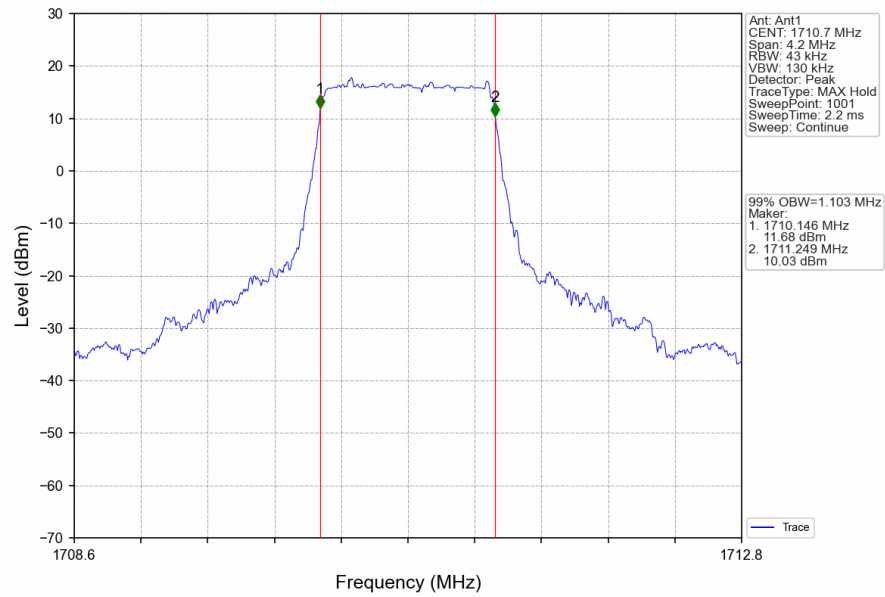
3.1.2 Test Graph



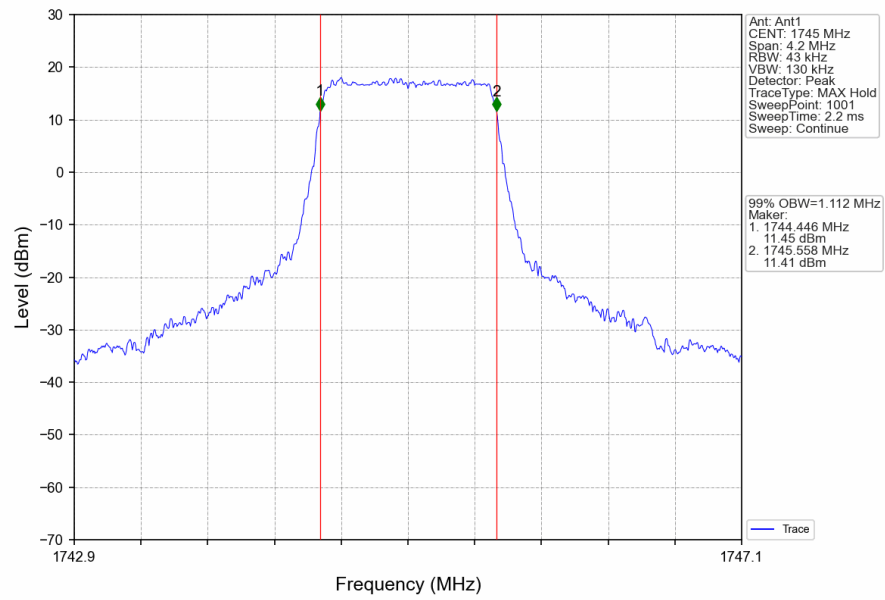
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



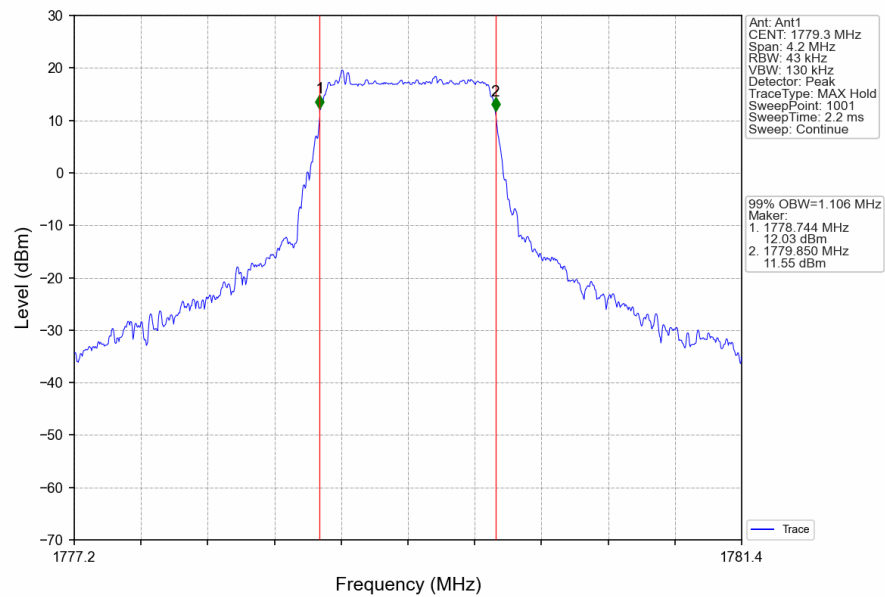
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



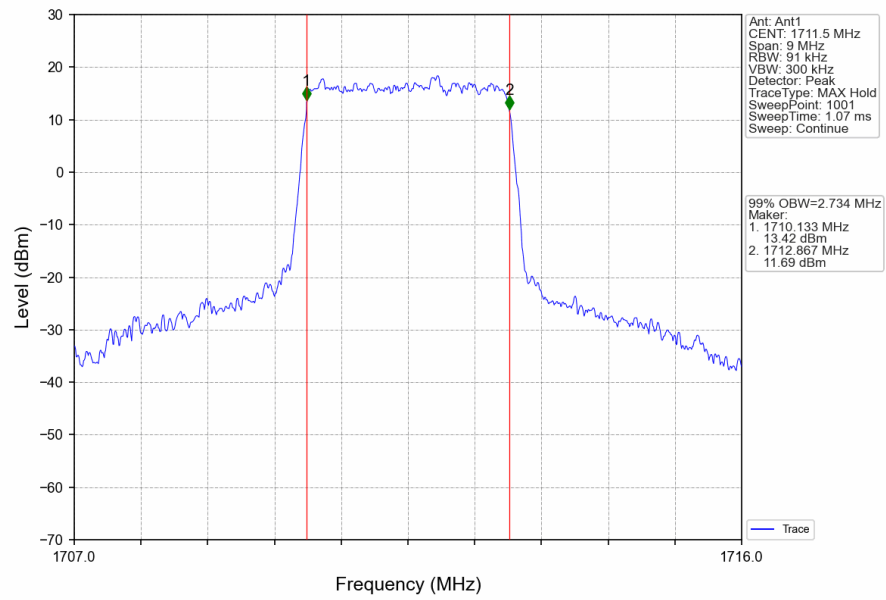
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



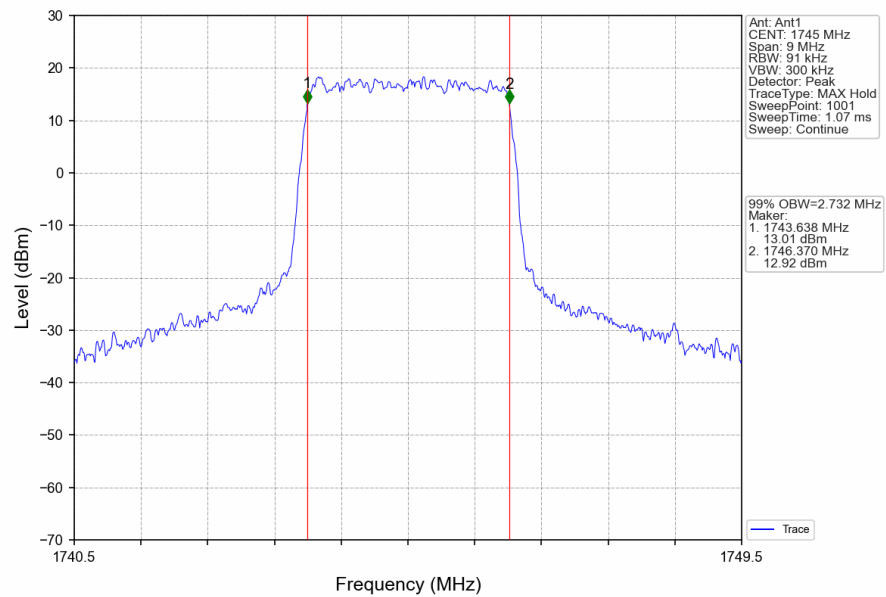
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



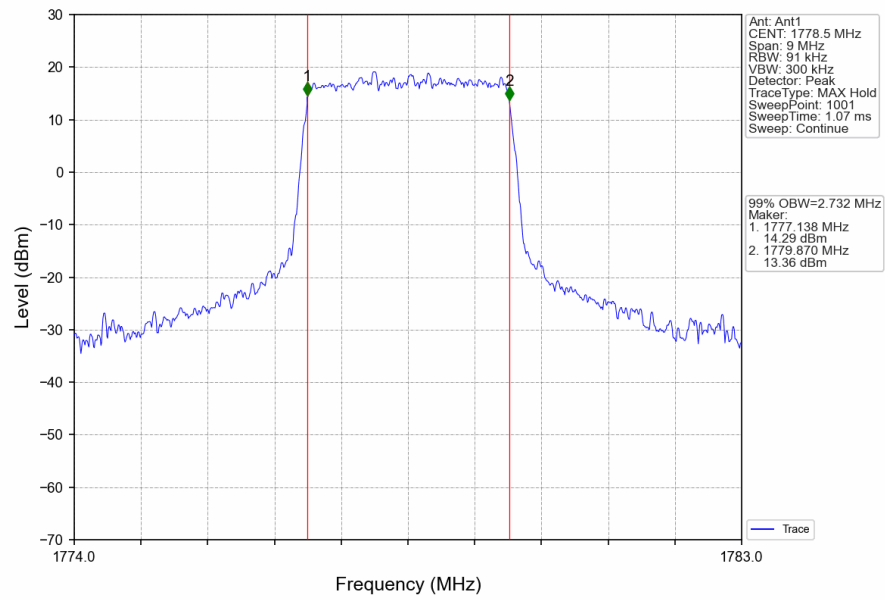
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



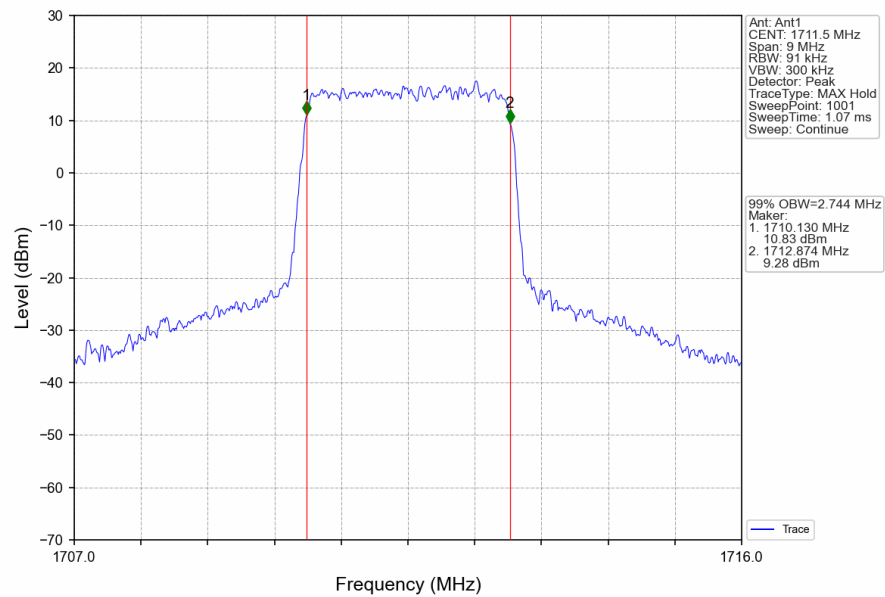
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



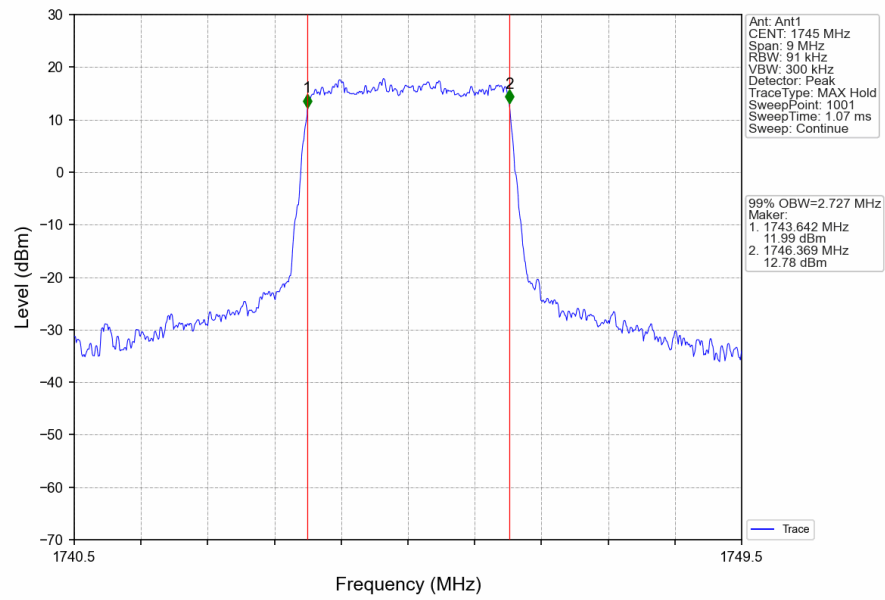
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



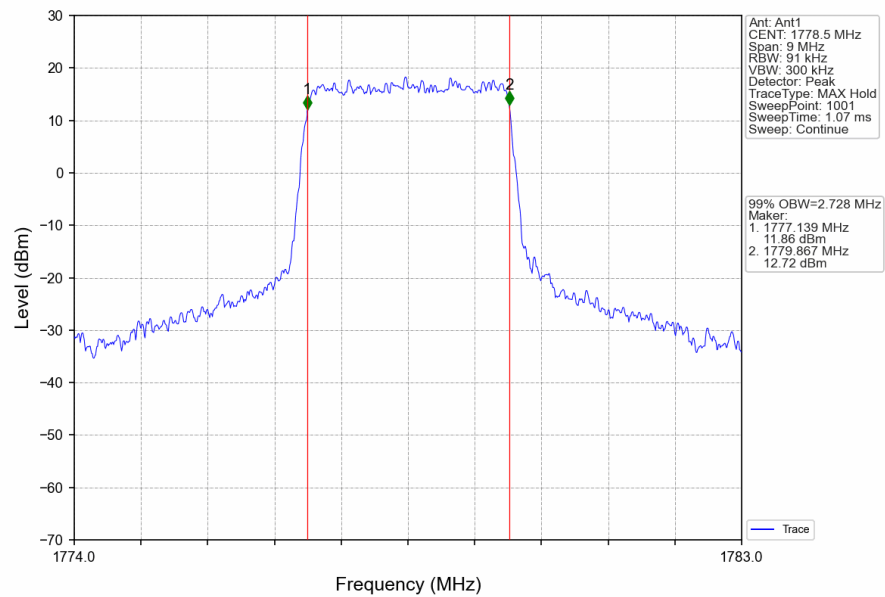
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



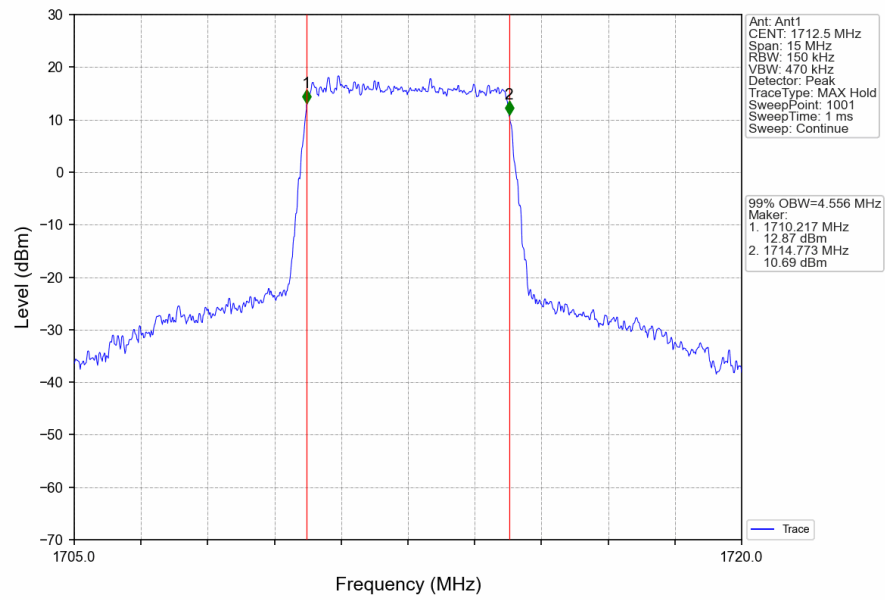
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



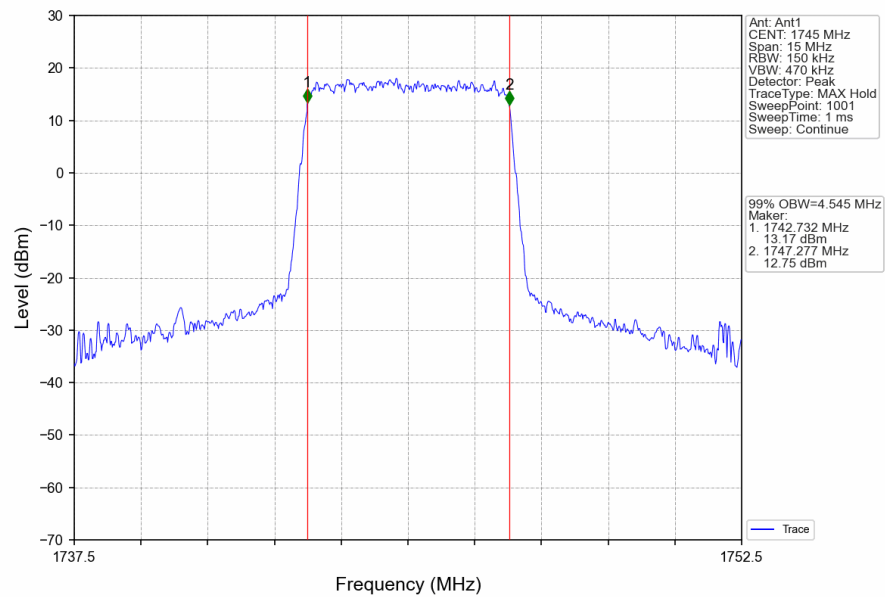
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



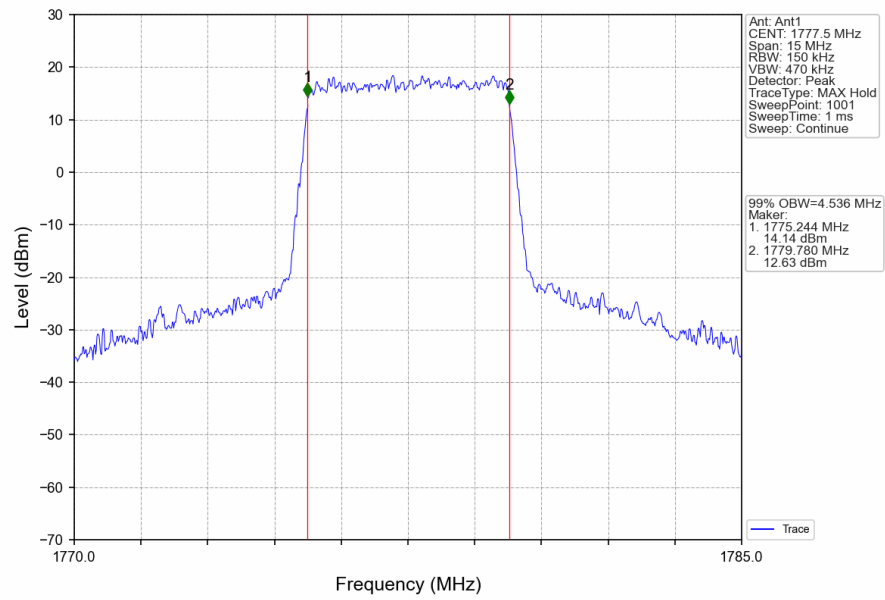
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



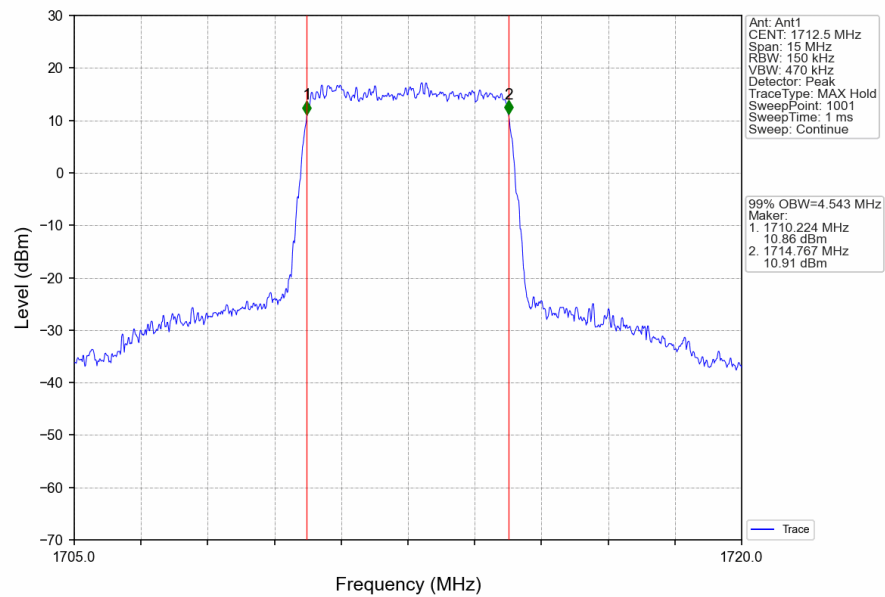
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



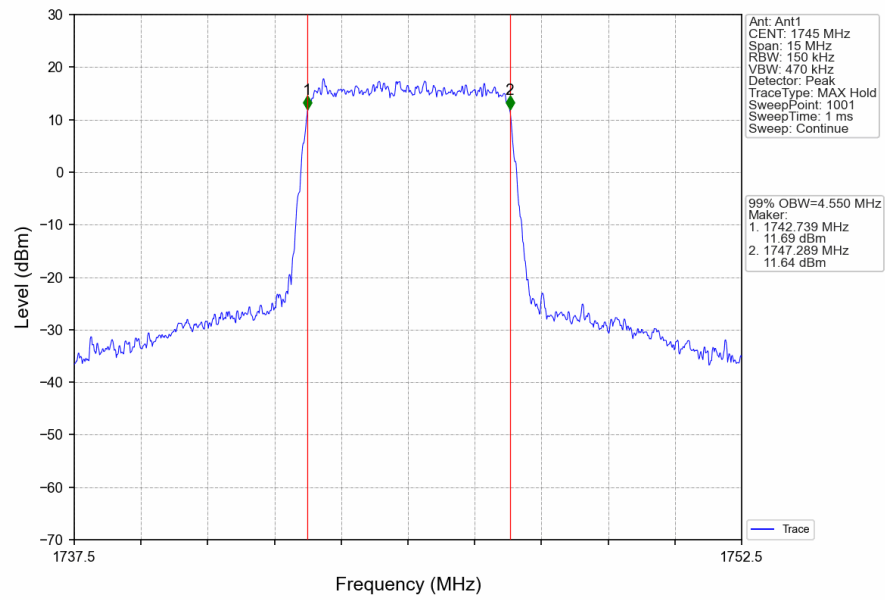
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



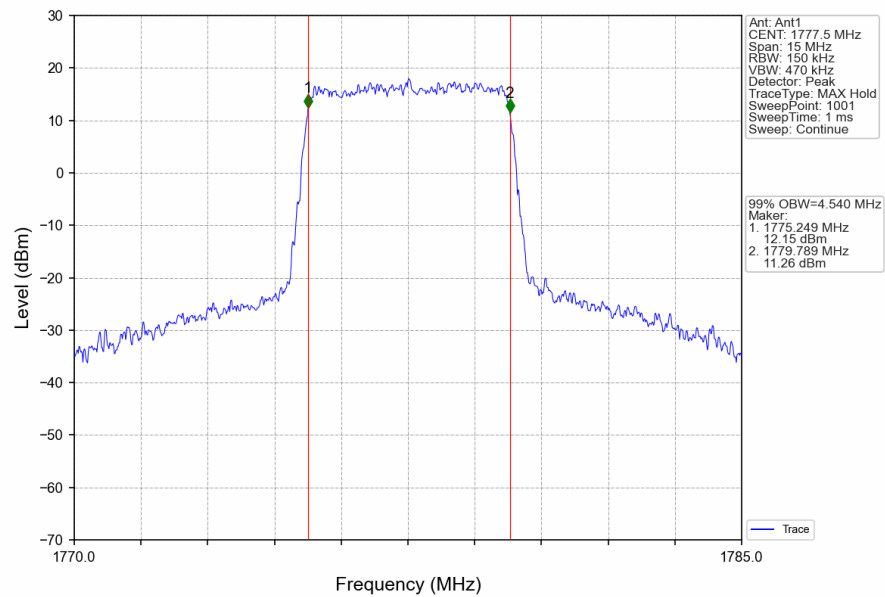
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



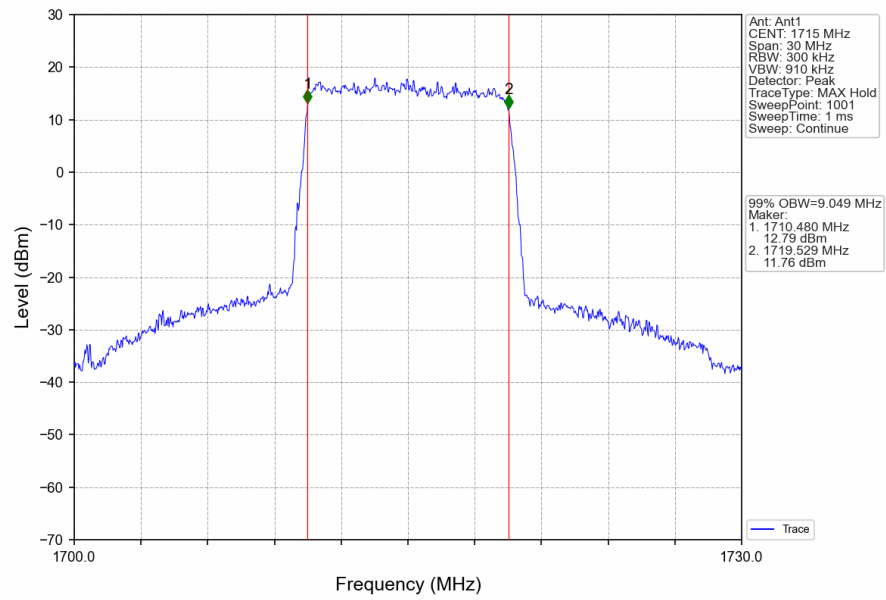
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



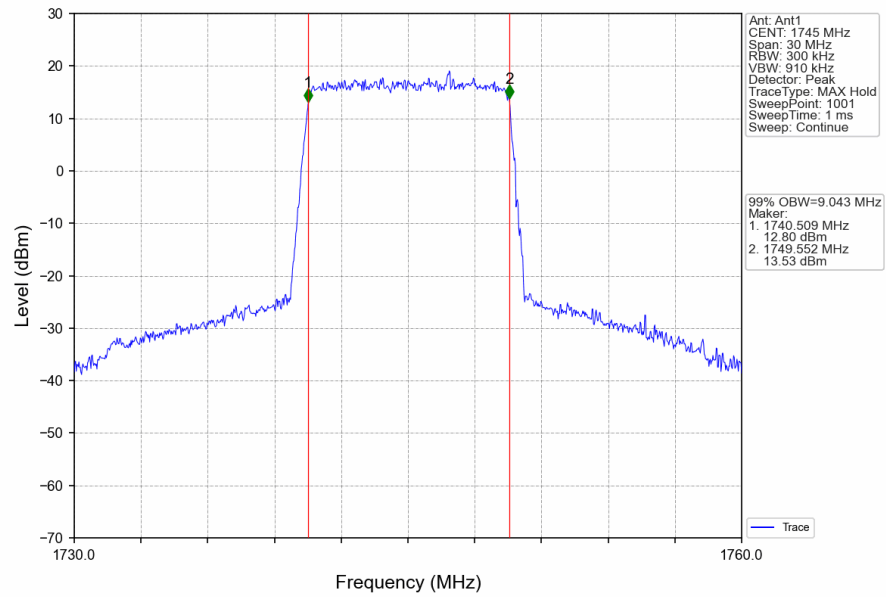
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



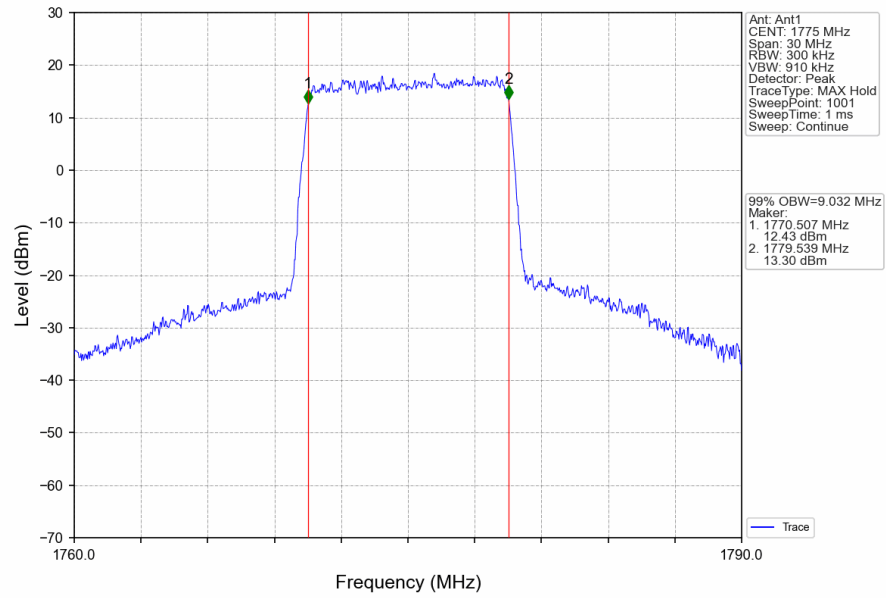
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



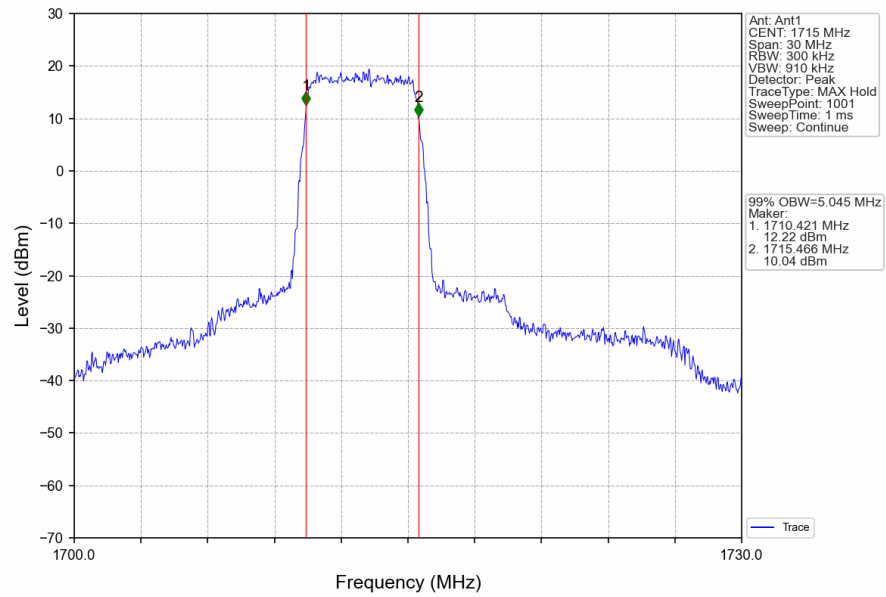
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



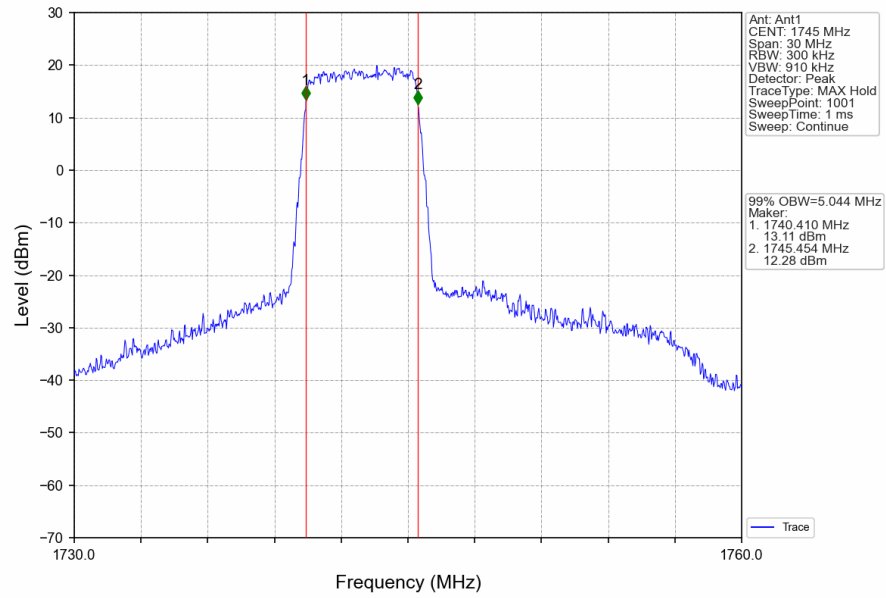
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



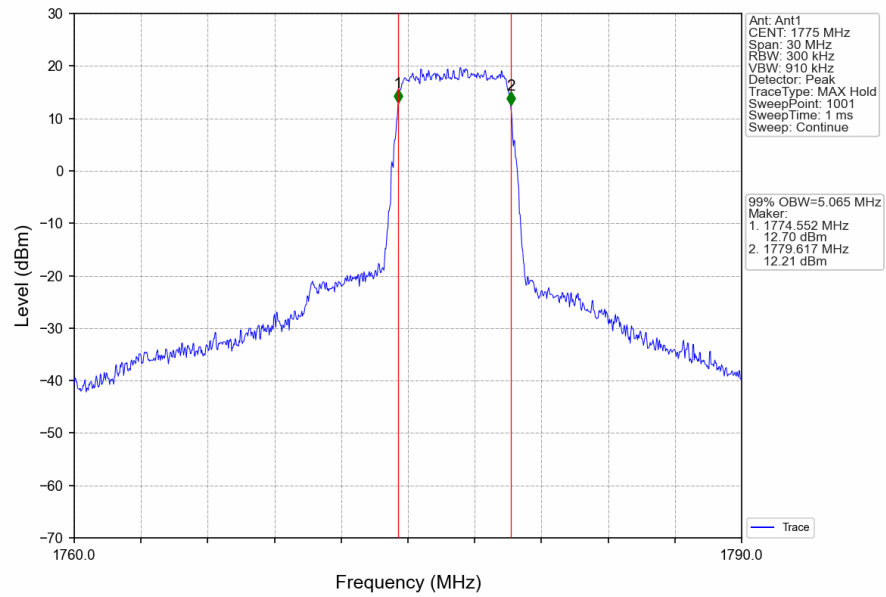
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



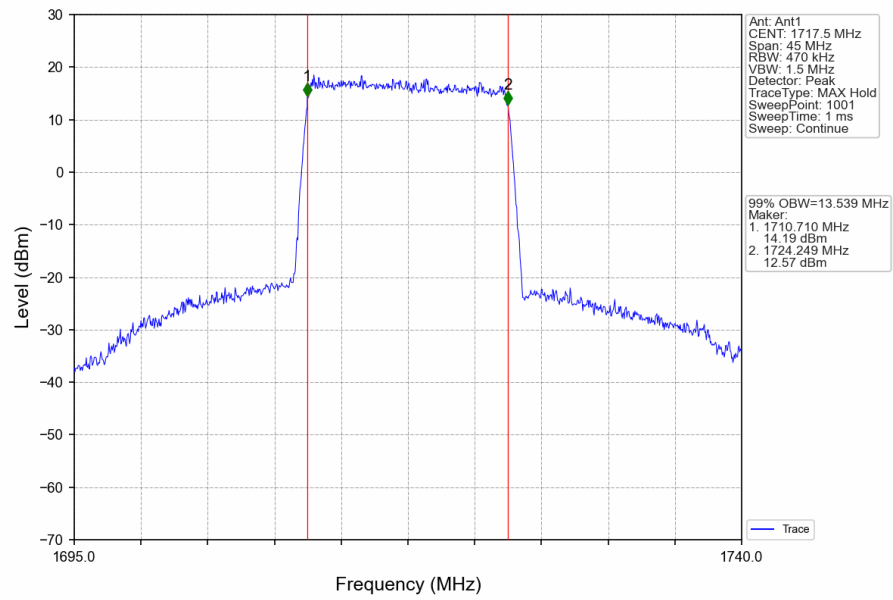
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN



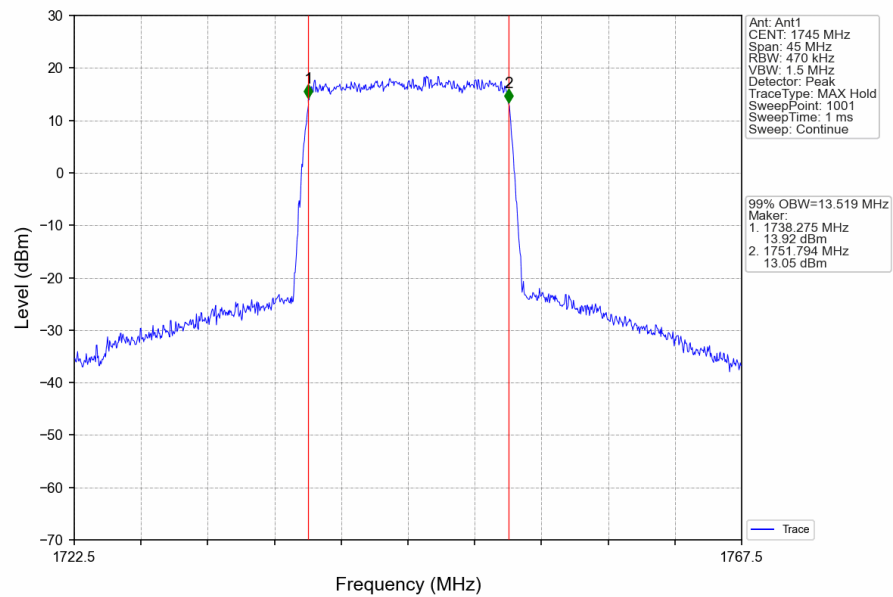
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTN



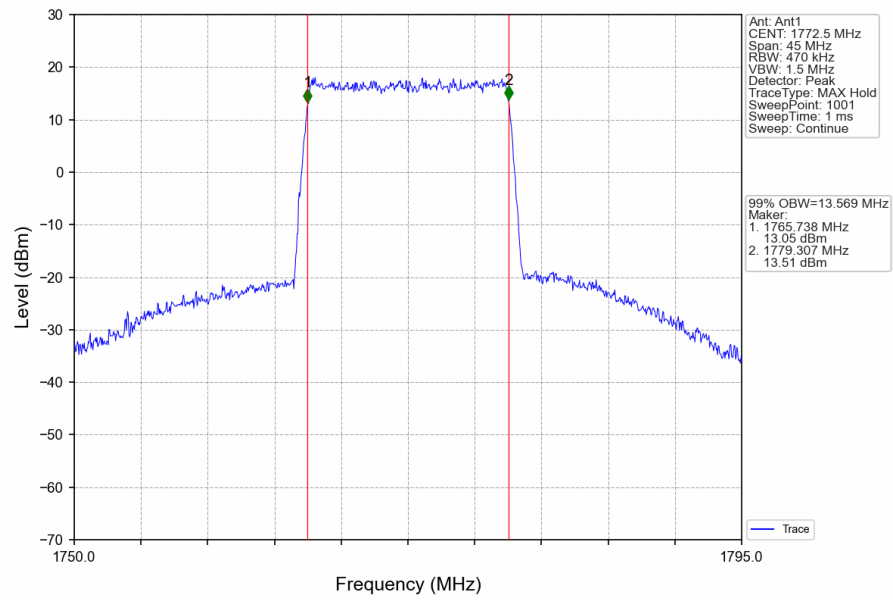
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



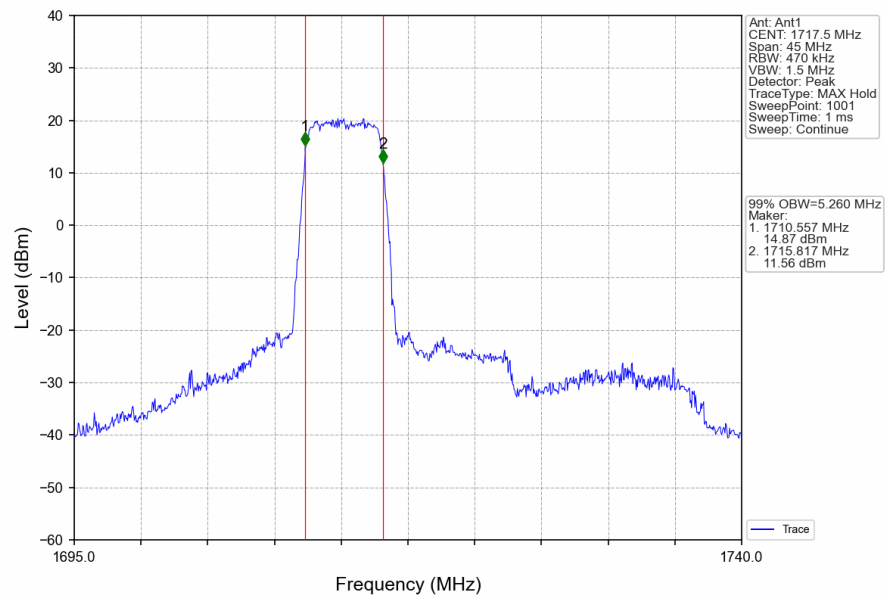
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



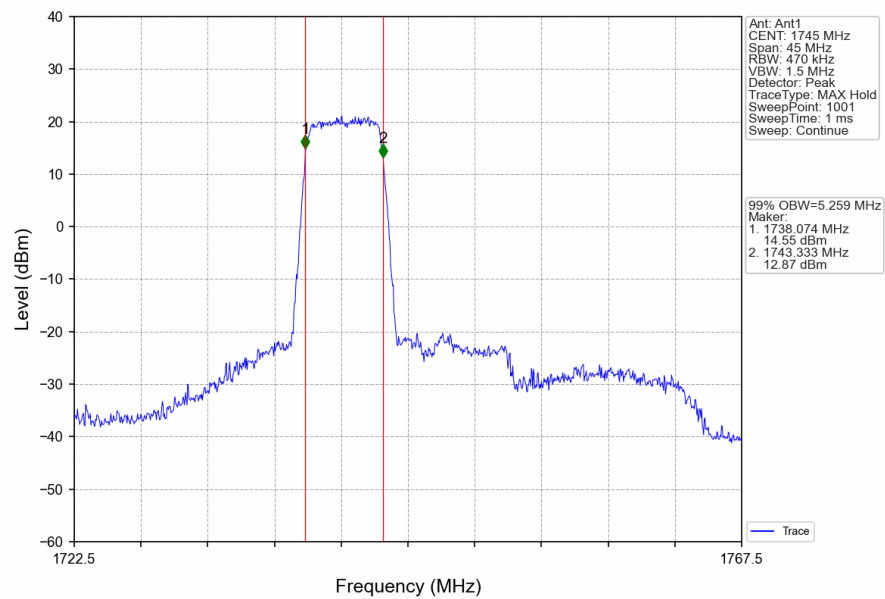
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



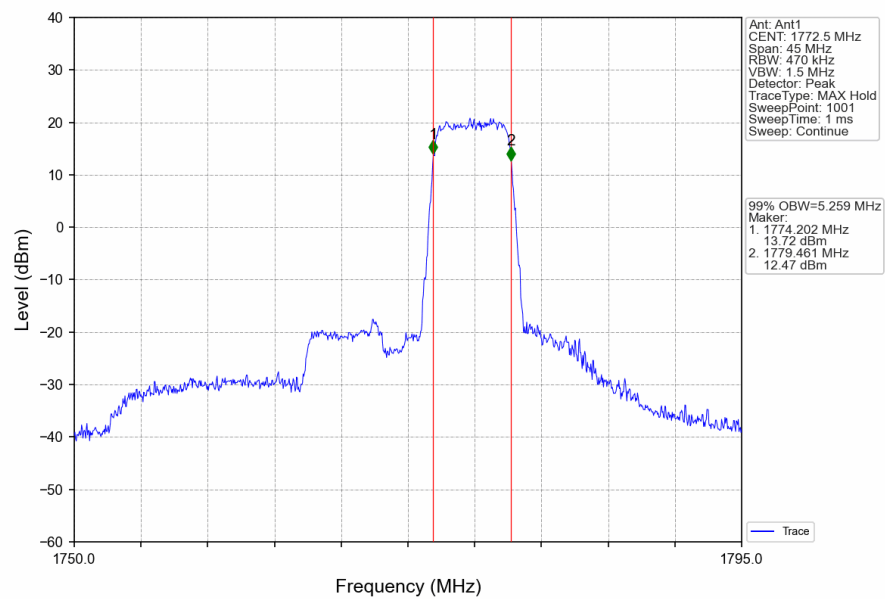
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



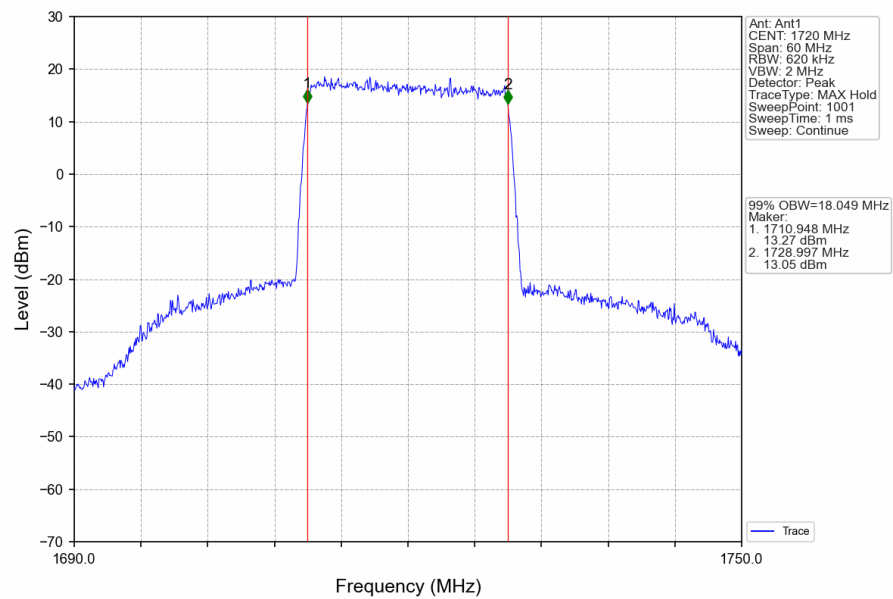
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



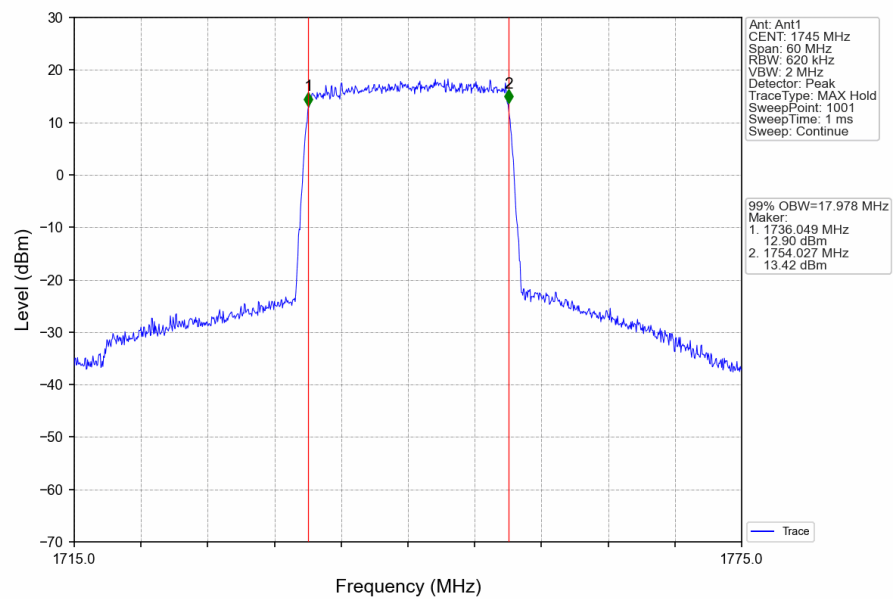
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



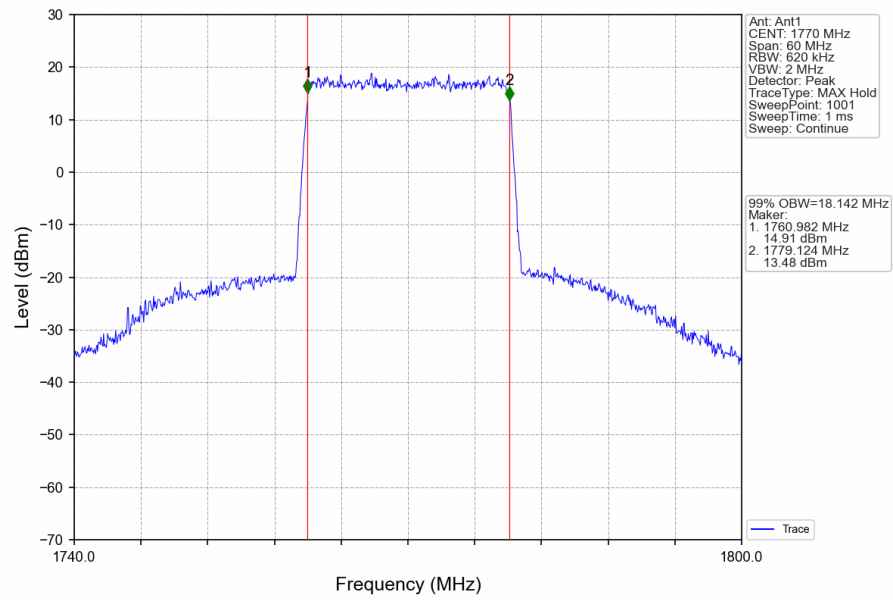
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



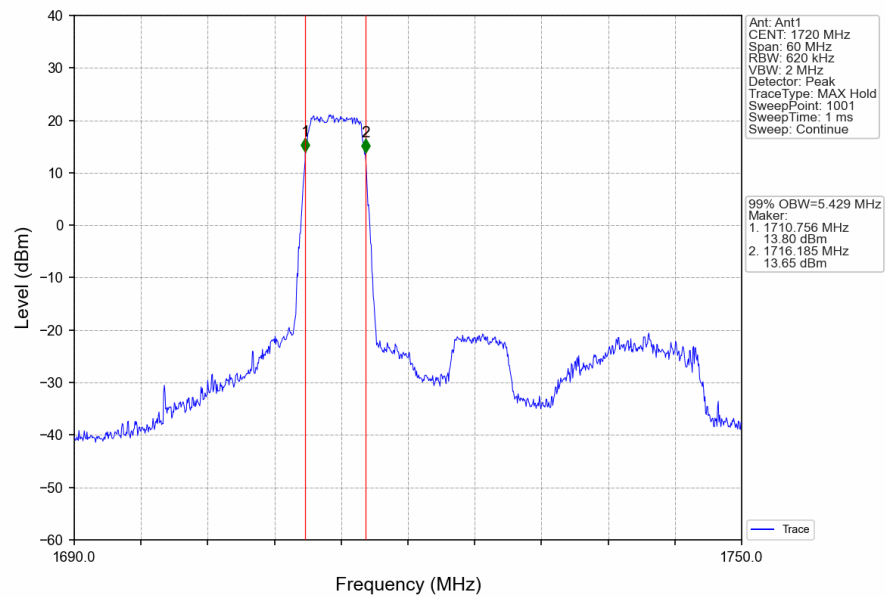
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



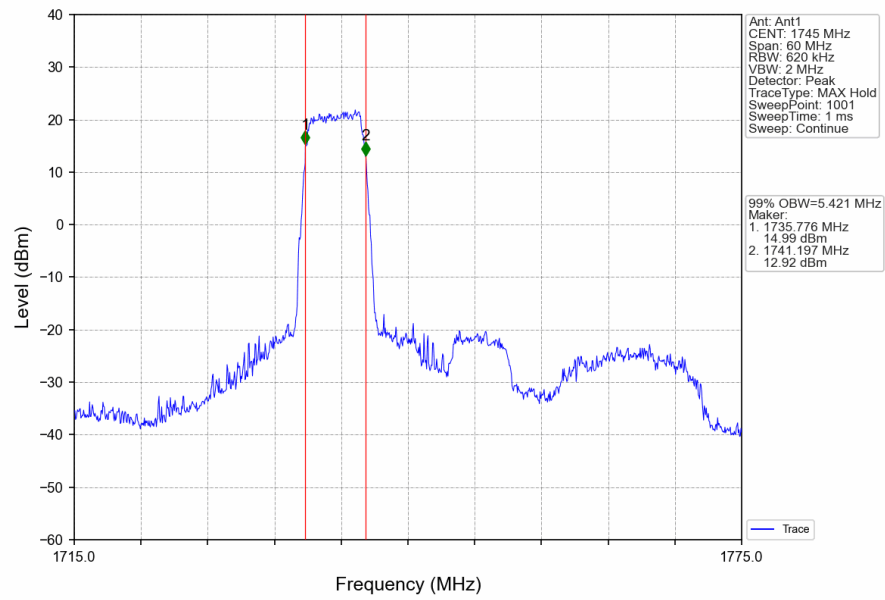
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



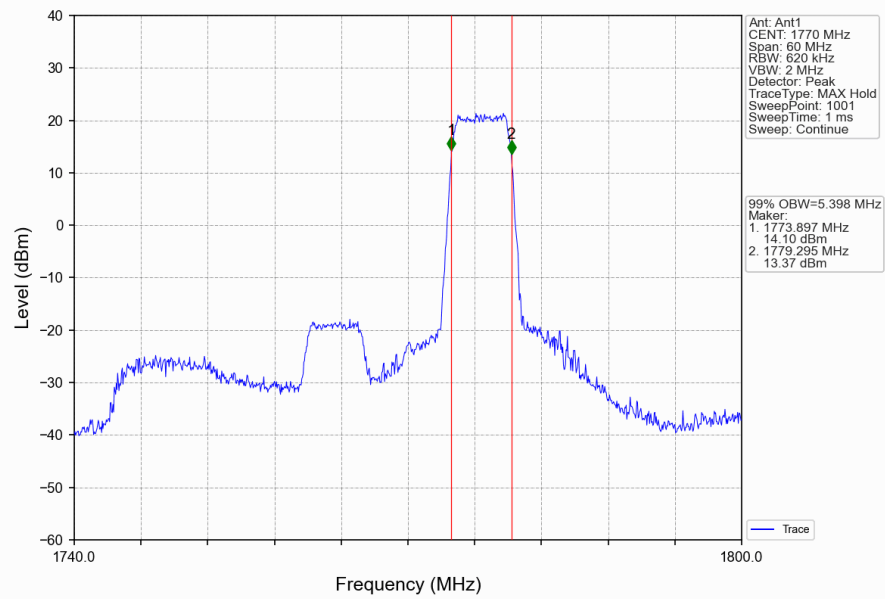
Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV

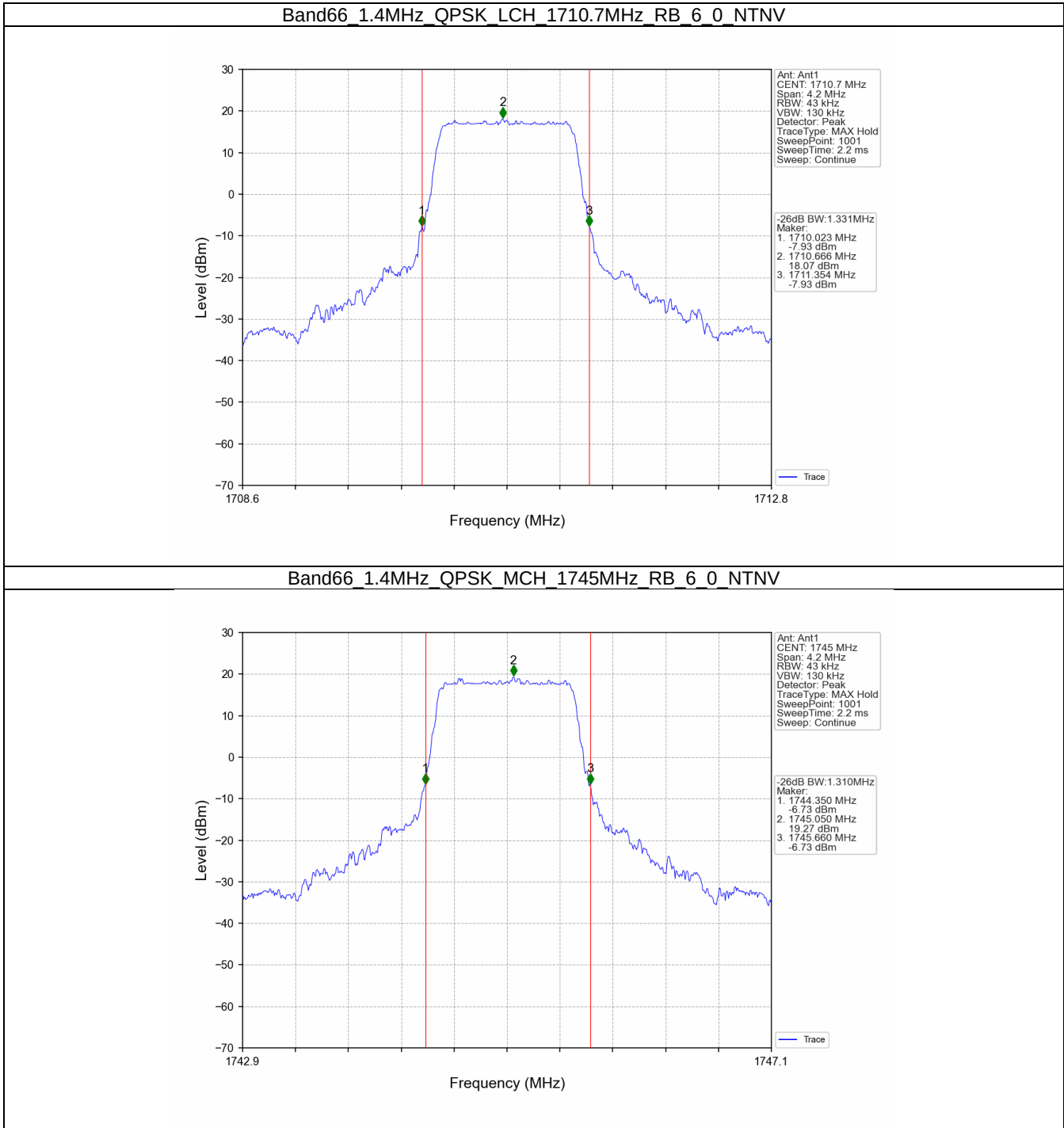


3.2 Band66_XDB

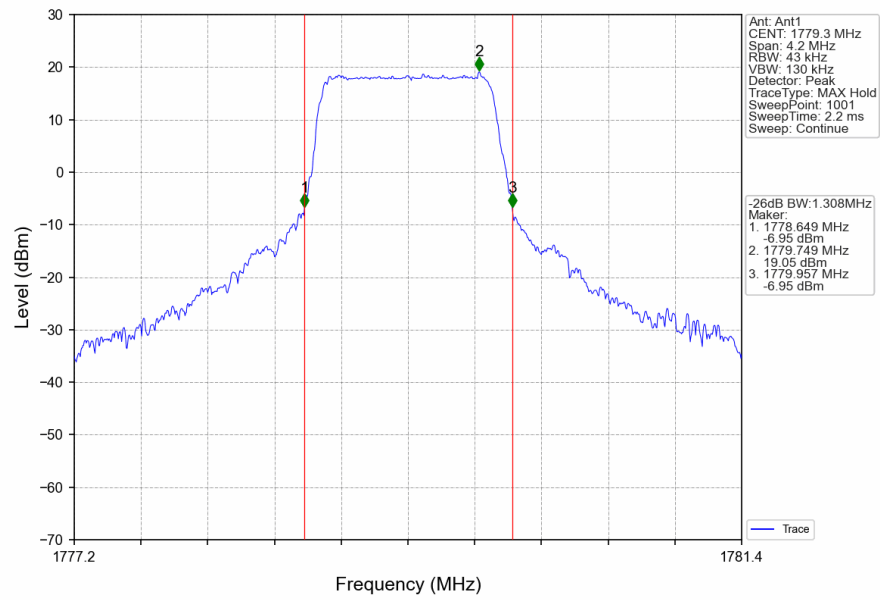
3.2.1 Test Result

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	1.331	/	Pass
		1745	6	0	1.310	/	Pass
		1779.3	6	0	1.308	/	Pass
	16QAM	1710.7	6	0	1.293	/	Pass
		1745	6	0	1.322	/	Pass
		1779.3	6	0	1.313	/	Pass
3	QPSK	1711.5	15	0	3.018	/	Pass
		1745	15	0	3.010	/	Pass
		1778.5	15	0	3.015	/	Pass
	16QAM	1711.5	15	0	3.000	/	Pass
		1745	15	0	3.015	/	Pass
		1778.5	15	0	3.028	/	Pass
5	QPSK	1712.5	25	0	5.044	/	Pass
		1745	25	0	5.023	/	Pass
		1777.5	25	0	5.014	/	Pass
	16QAM	1712.5	25	0	5.032	/	Pass
		1745	25	0	5.031	/	Pass
		1777.5	25	0	5.025	/	Pass
10	QPSK	1715	50	0	9.943	/	Pass
		1745	50	0	9.875	/	Pass
		1775	50	0	9.911	/	Pass
	16QAM	1715	27	0	5.847	/	Pass
		1745	27	0	5.817	/	Pass
		1775	27	23	5.795	/	Pass
15	QPSK	1717.5	75	0	14.716	/	Pass
		1745	75	0	14.768	/	Pass
		1772.5	75	0	14.818	/	Pass
	16QAM	1717.5	27	0	6.194	/	Pass
		1745	27	0	6.172	/	Pass
		1772.5	27	48	6.111	/	Pass
20	QPSK	1720	100	0	19.479	/	Pass
		1745	100	0	19.418	/	Pass
		1770	100	0	19.512	/	Pass
	16QAM	1720	27	0	6.575	/	Pass
		1745	27	0	6.532	/	Pass
		1770	27	73	6.518	/	Pass

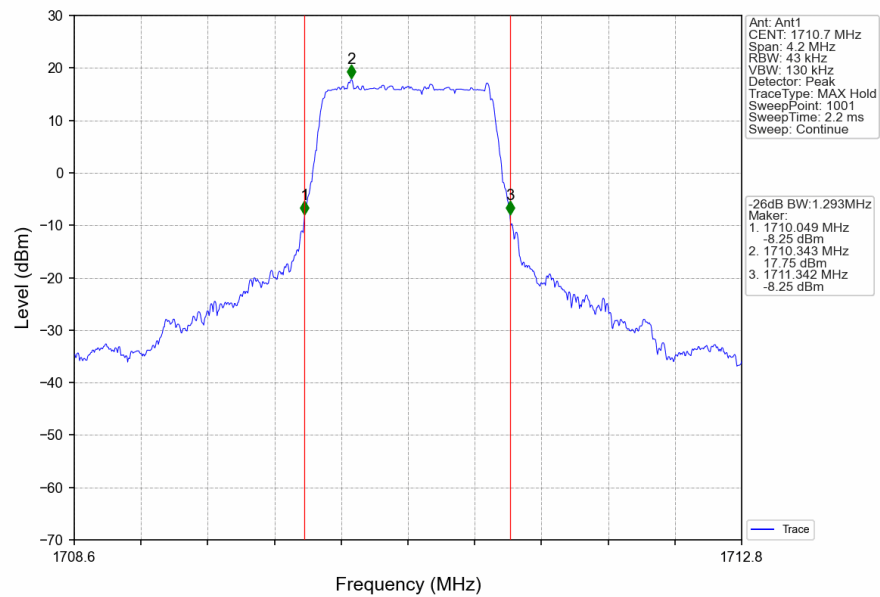
3.2.2 Test Graph



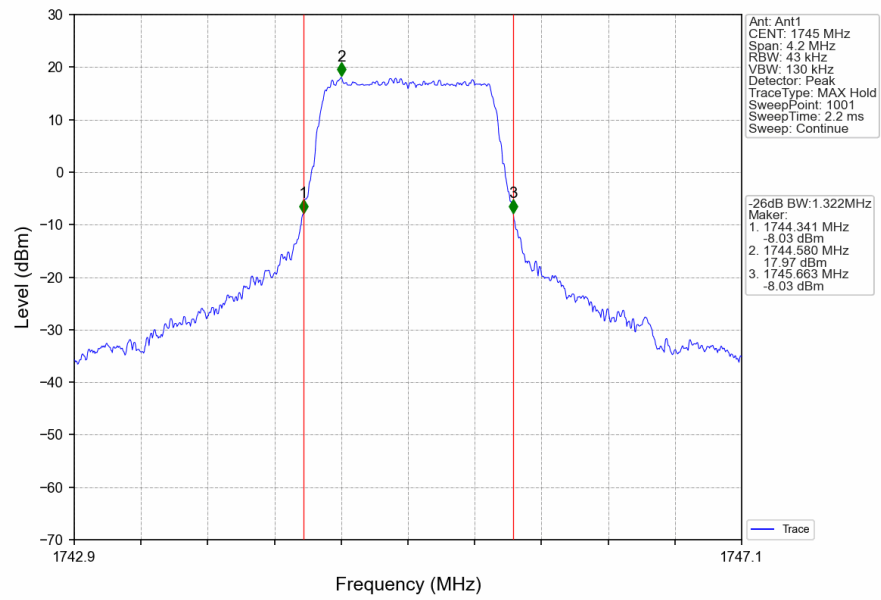
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



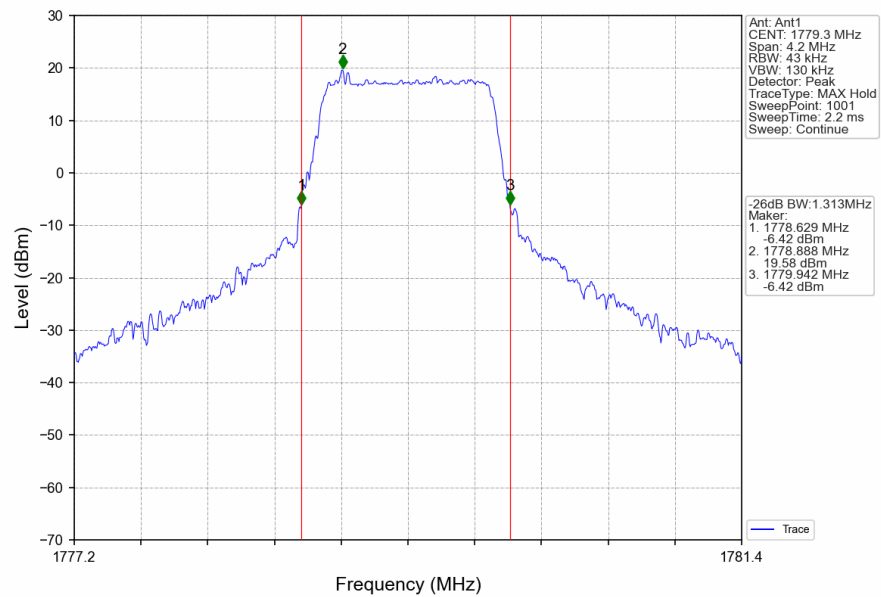
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



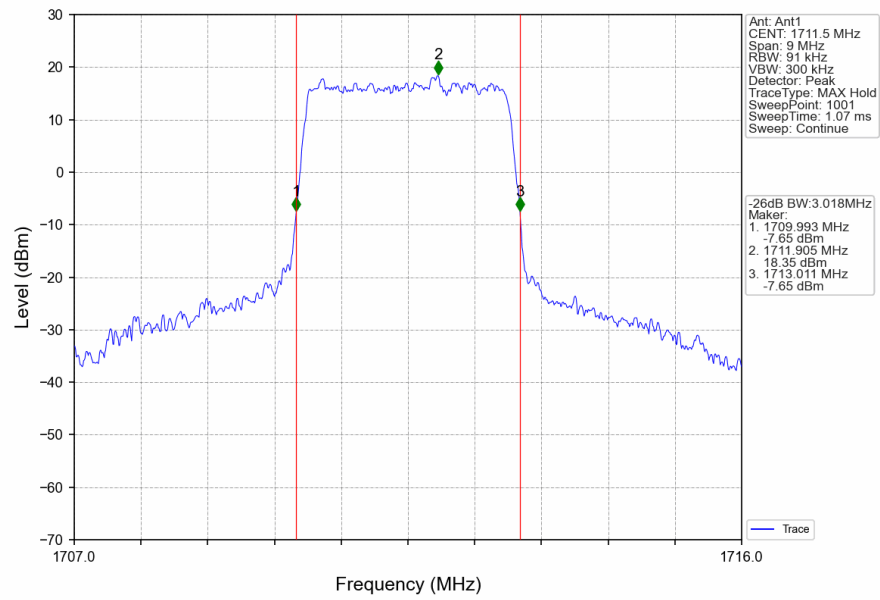
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



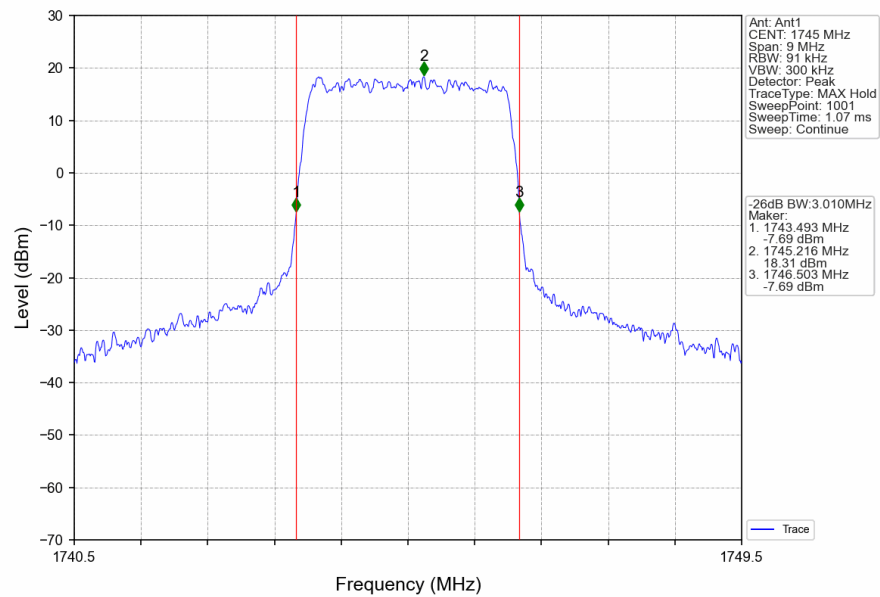
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



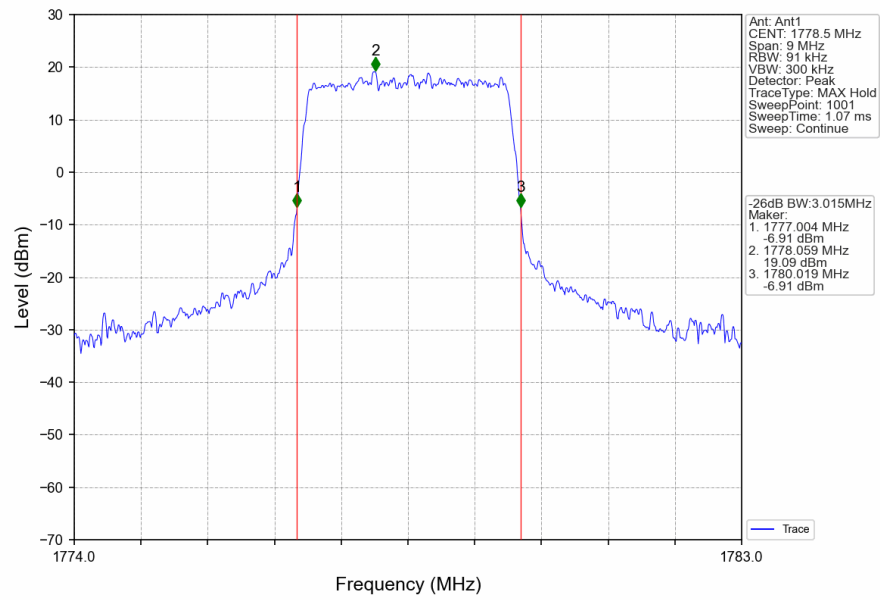
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



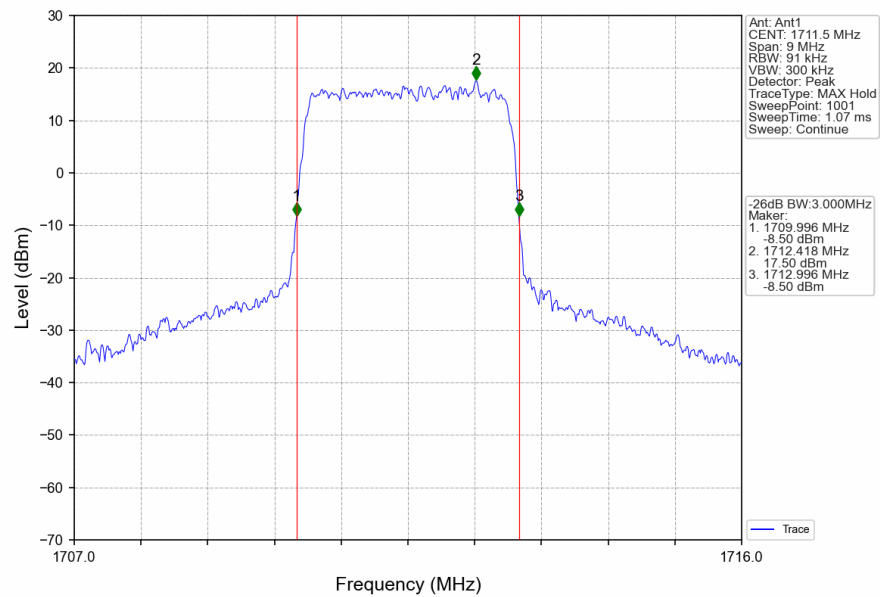
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



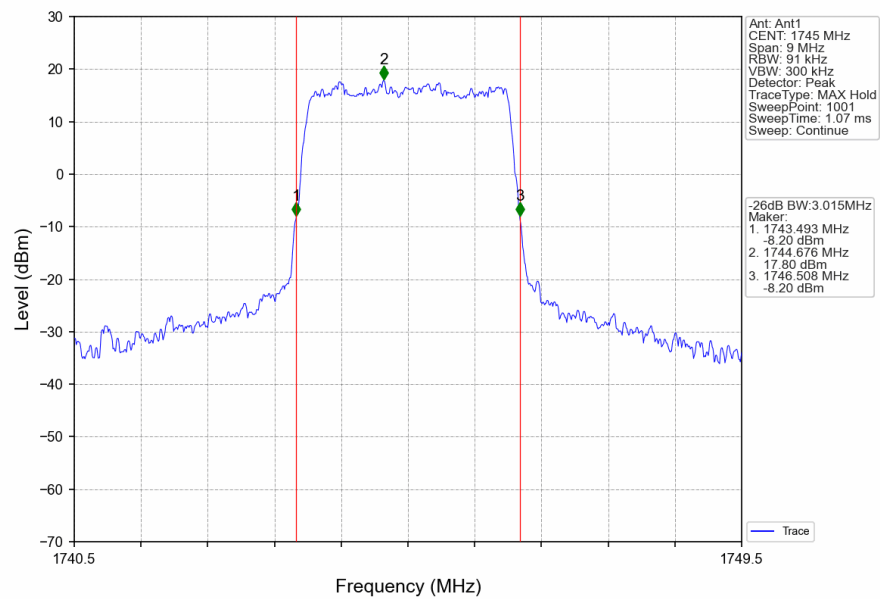
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



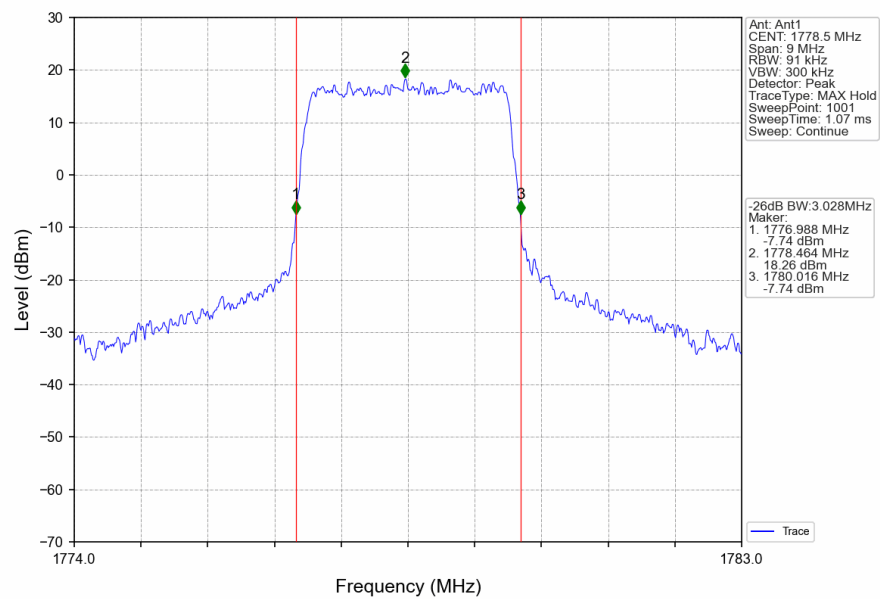
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



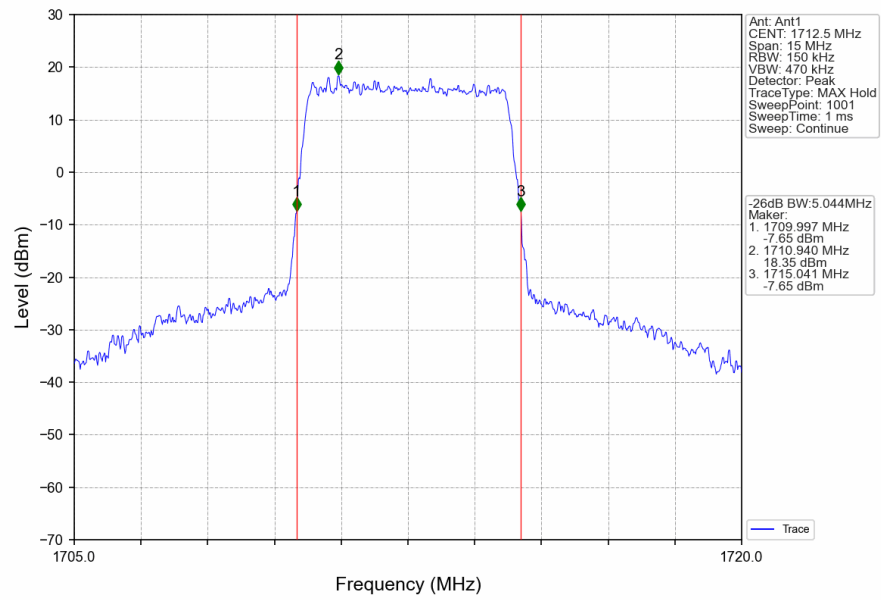
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



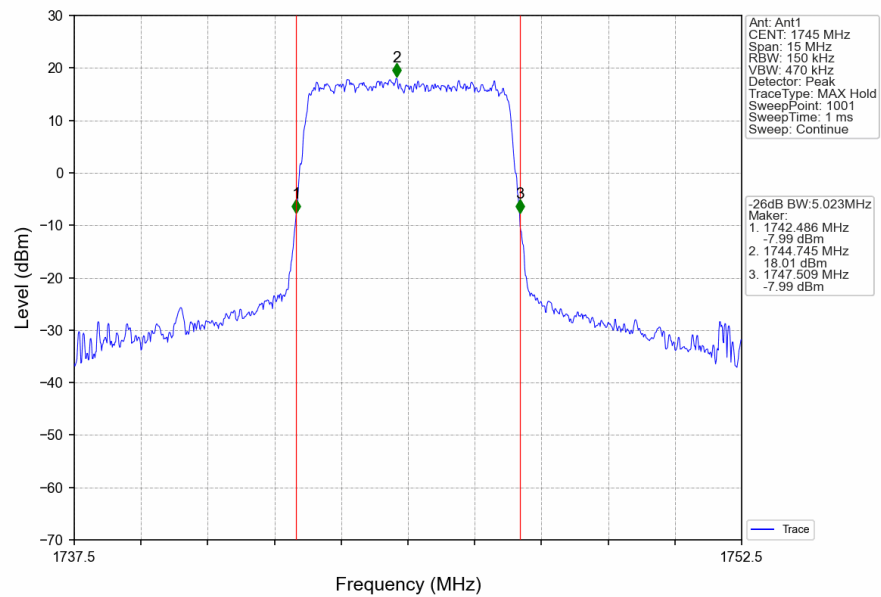
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



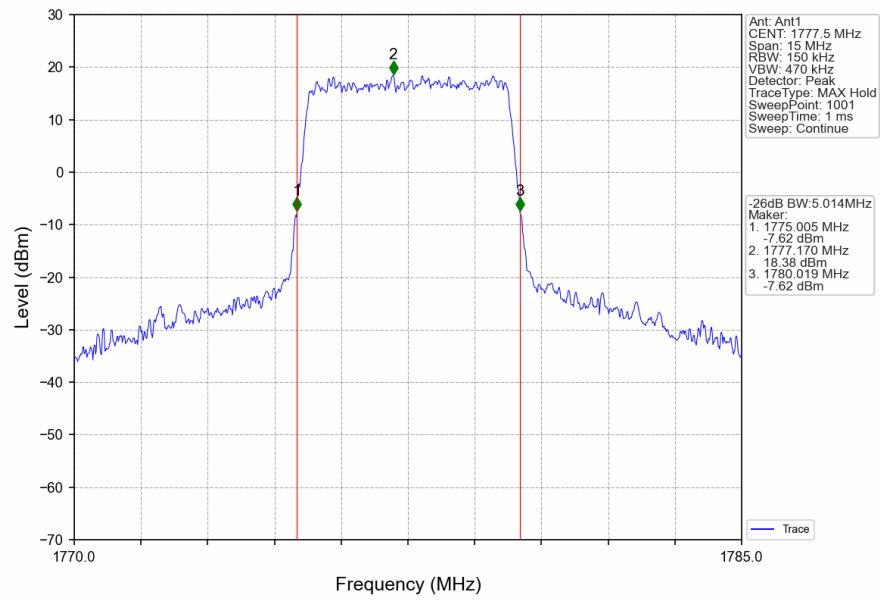
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



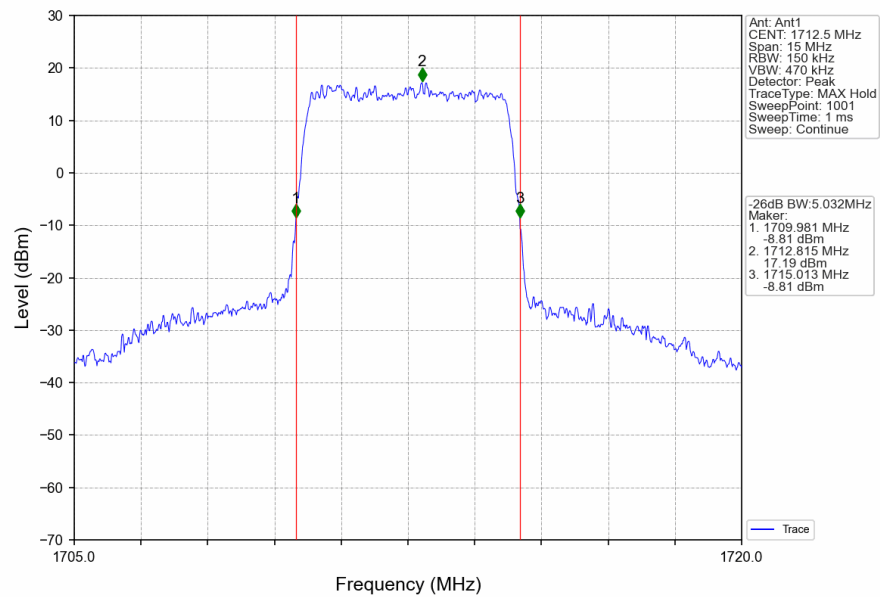
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



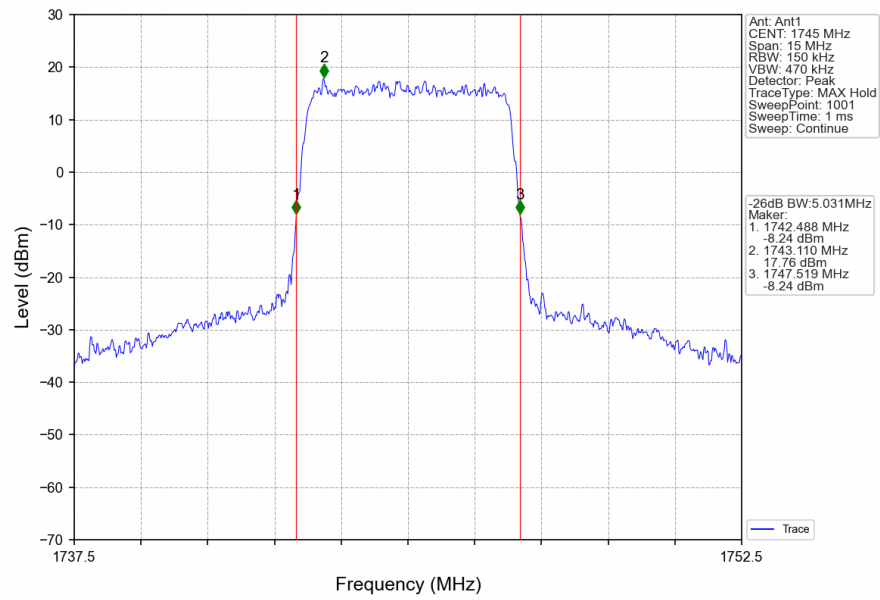
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



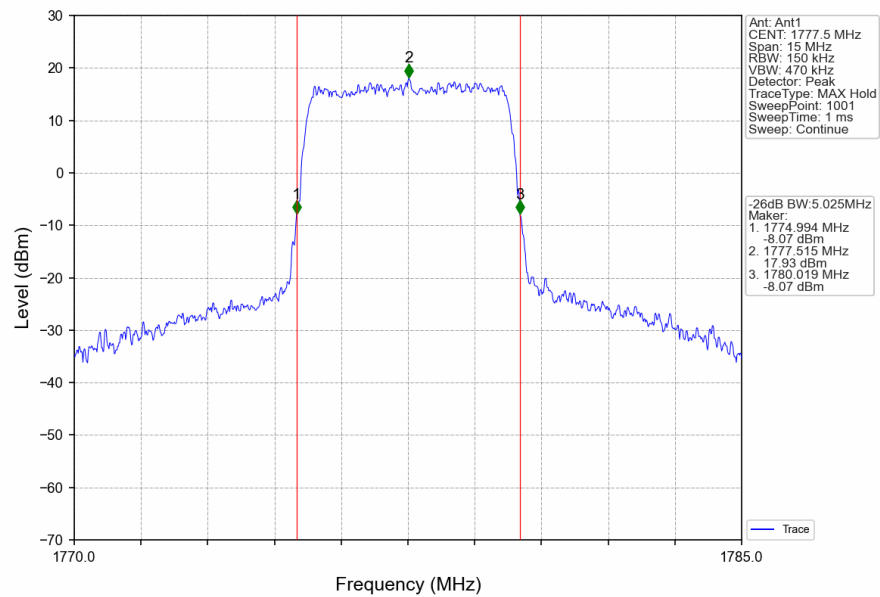
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



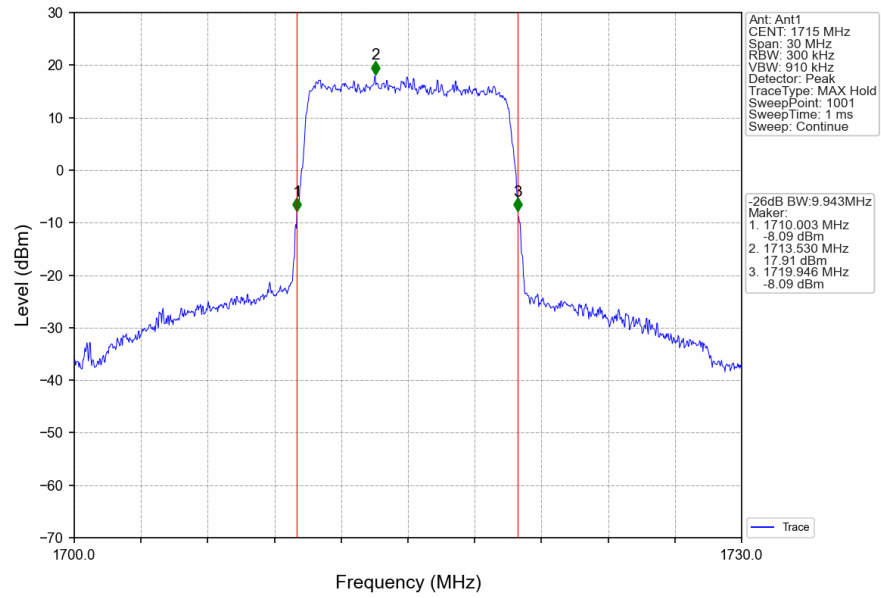
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



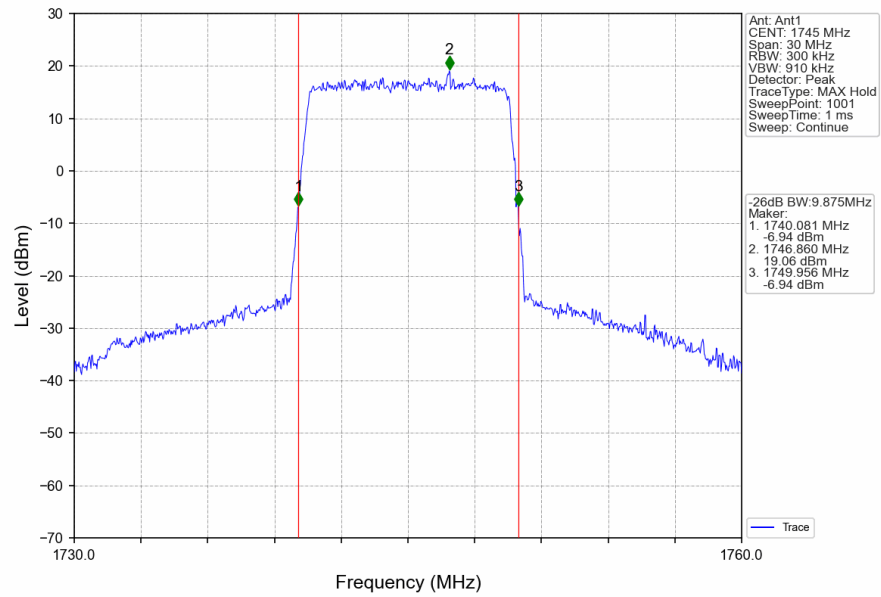
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



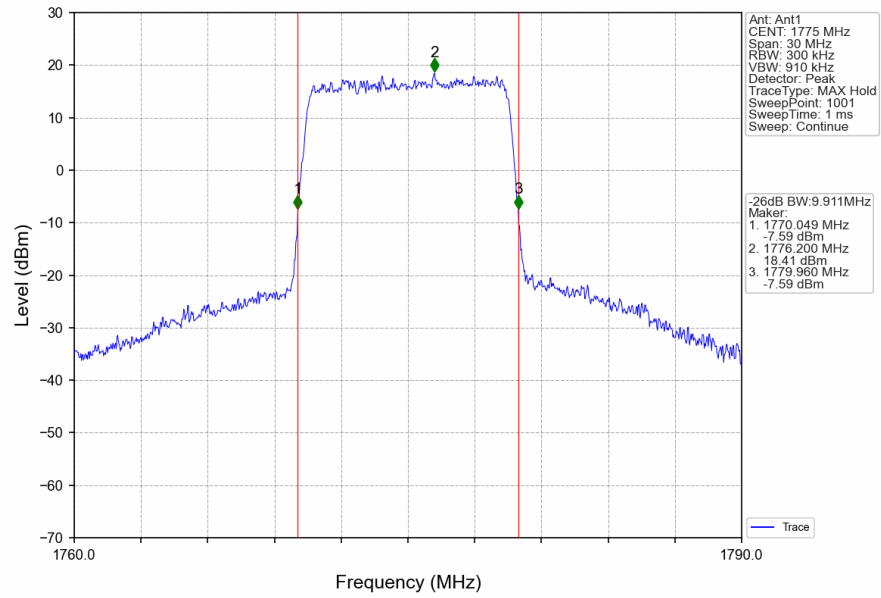
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



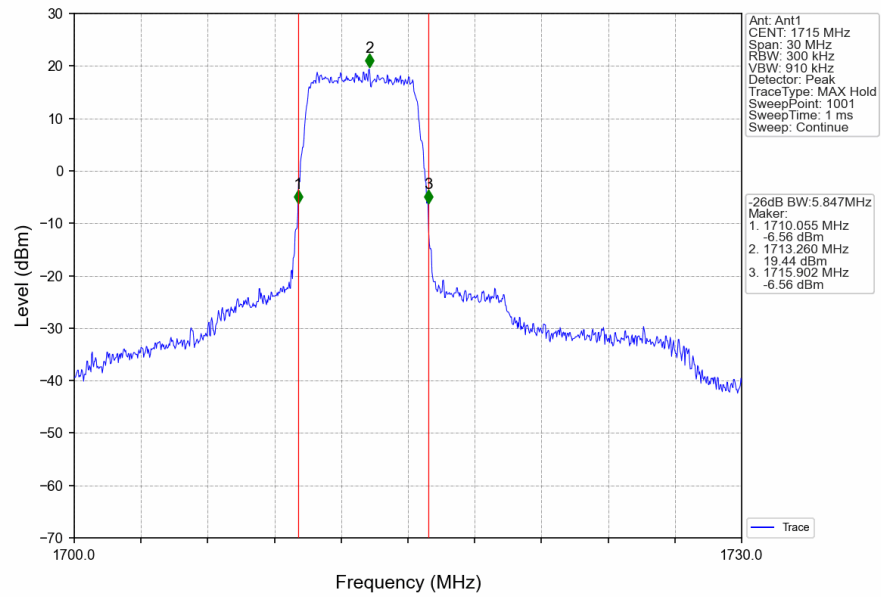
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



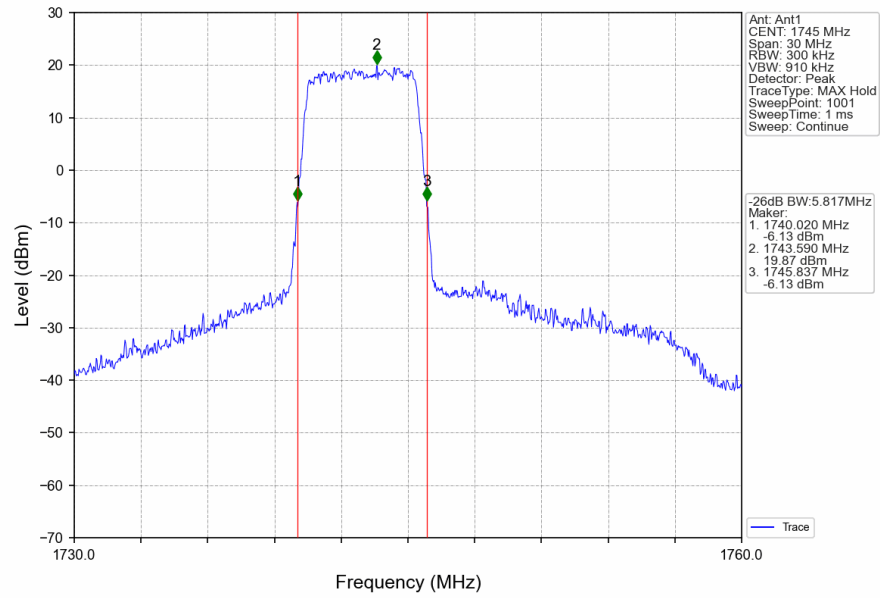
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



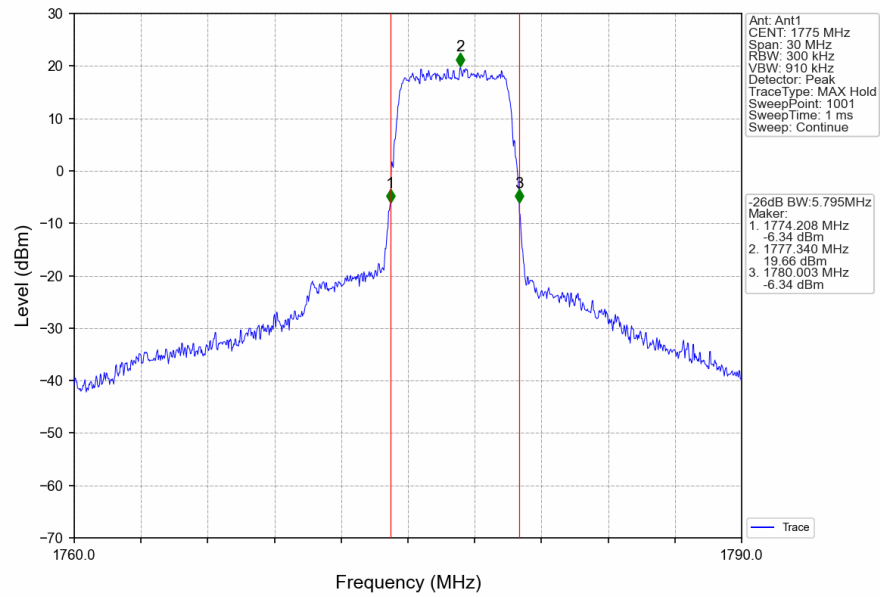
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



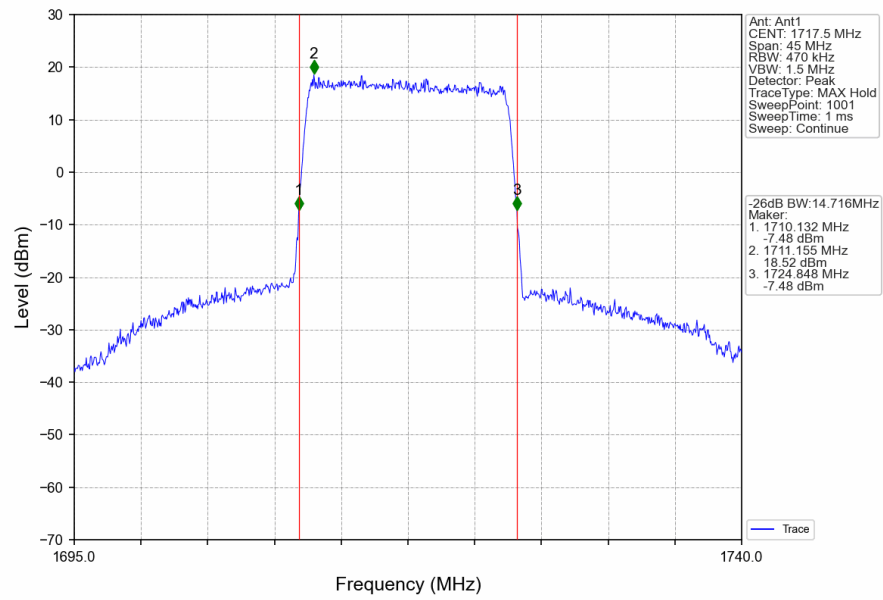
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN



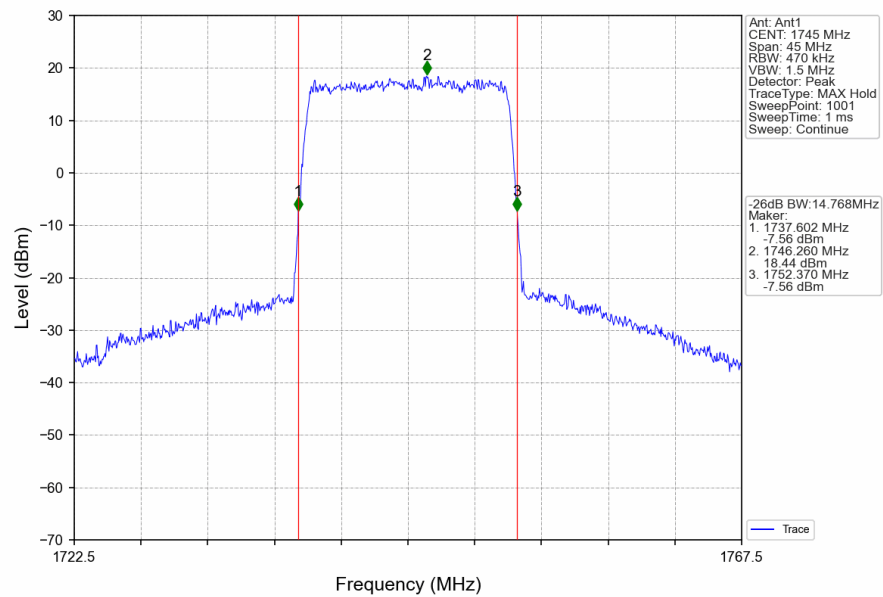
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTN



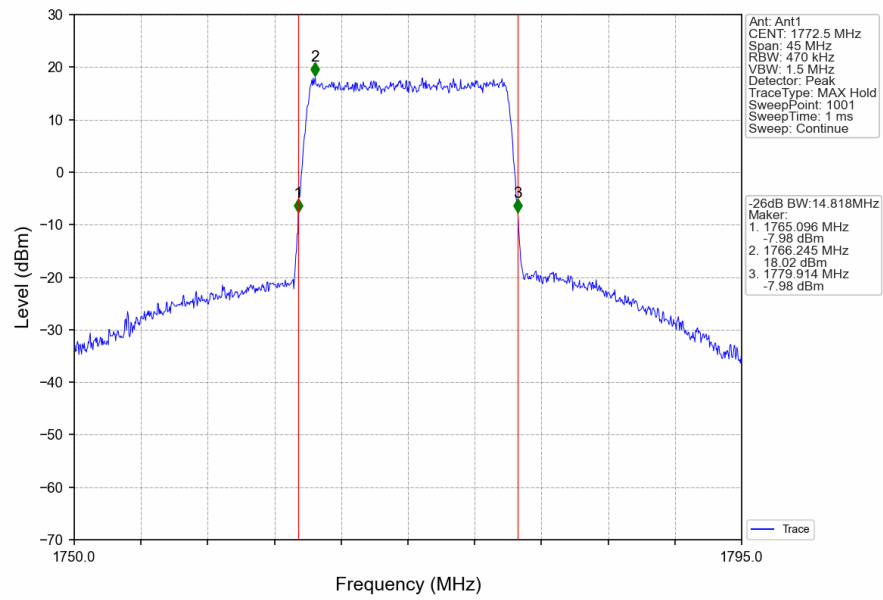
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



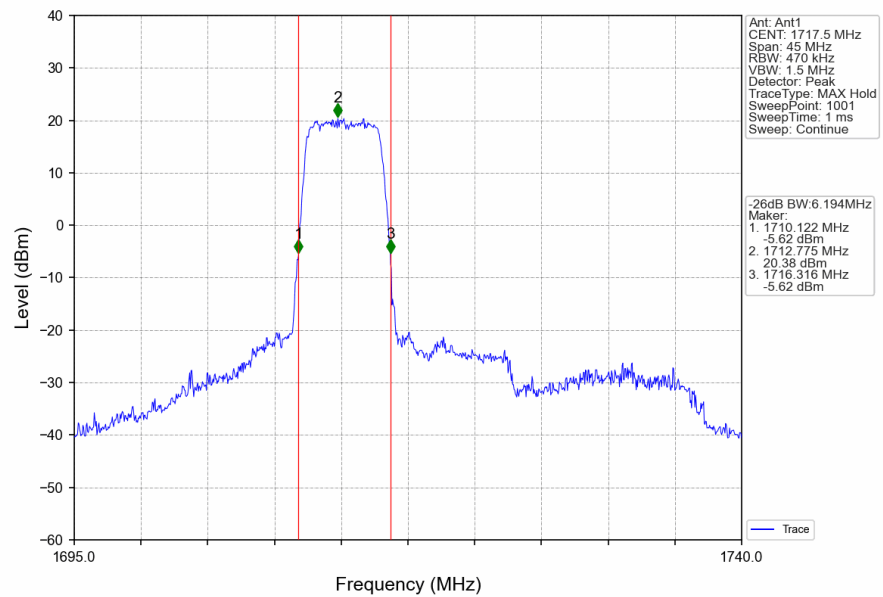
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0 NTN



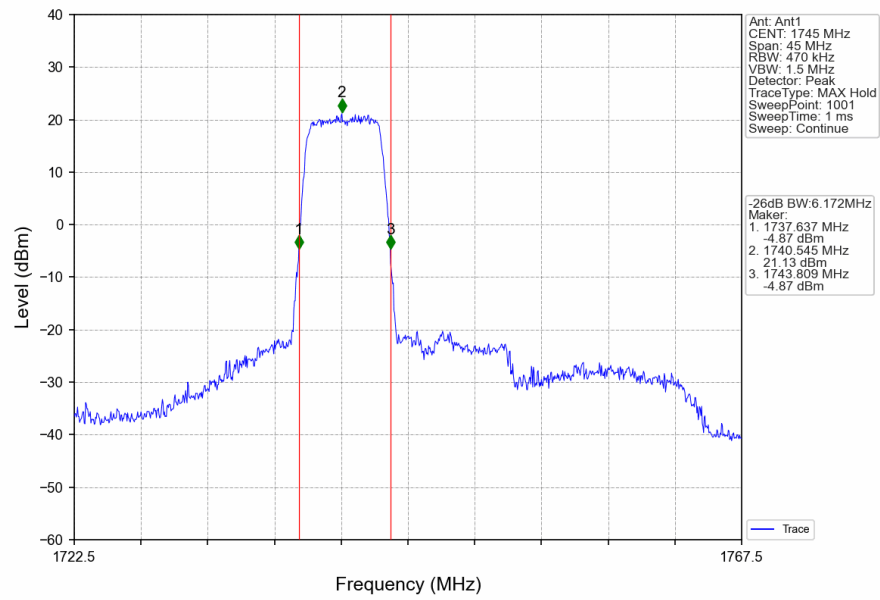
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



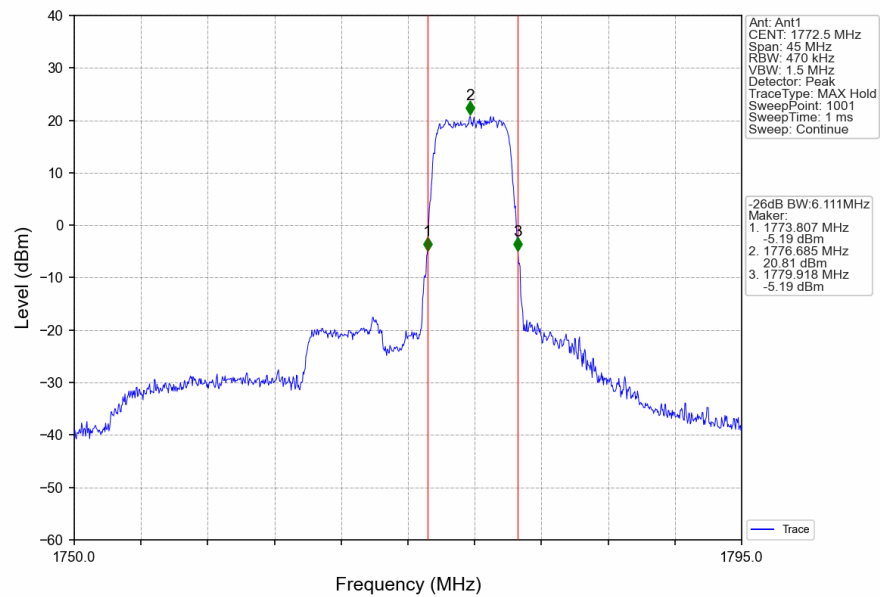
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



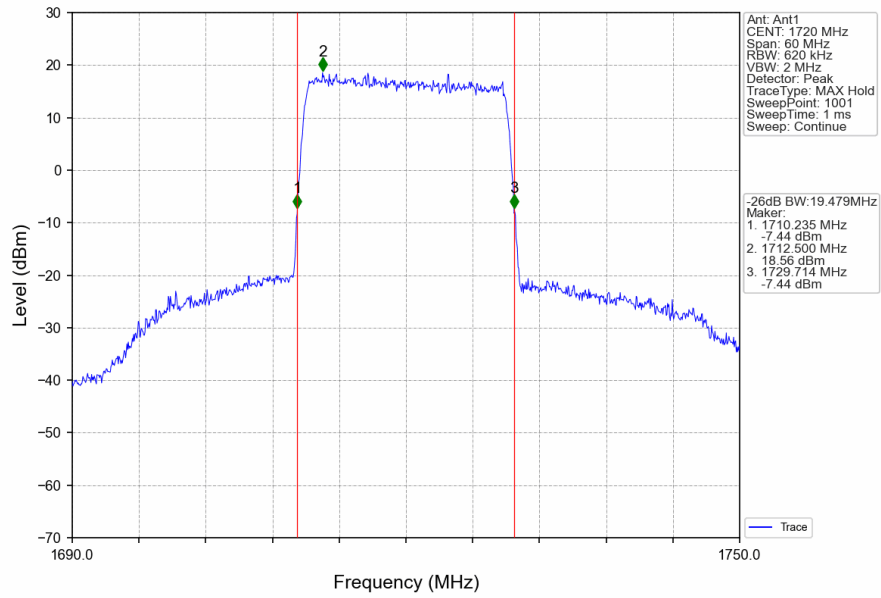
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



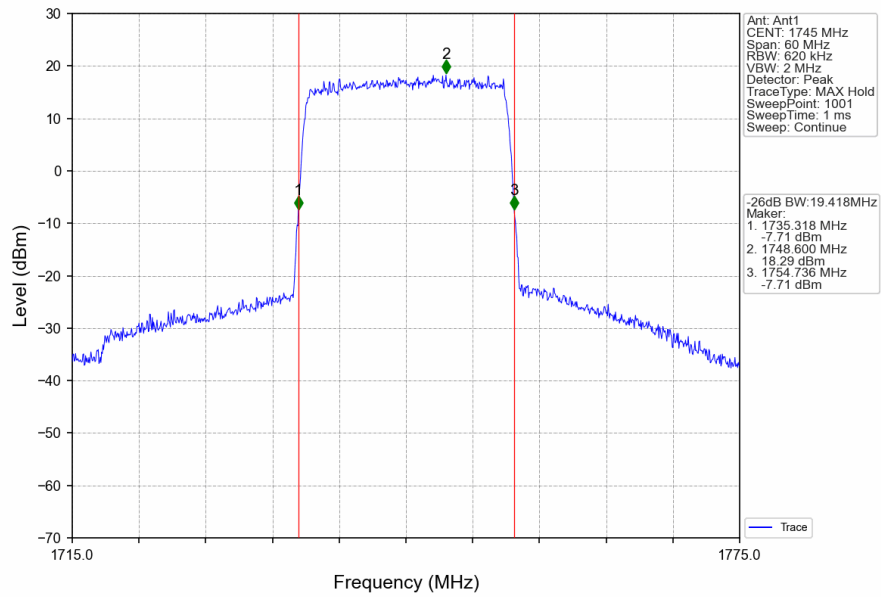
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



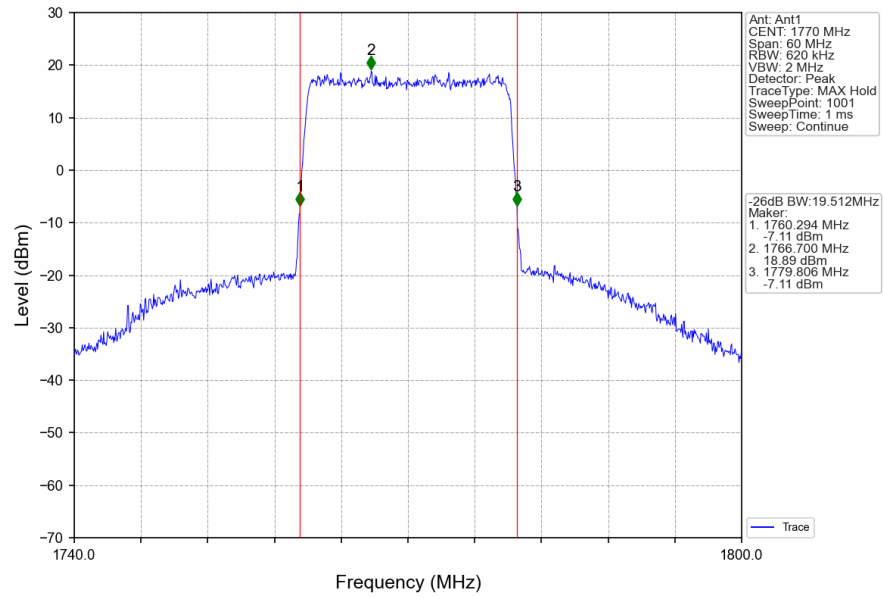
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



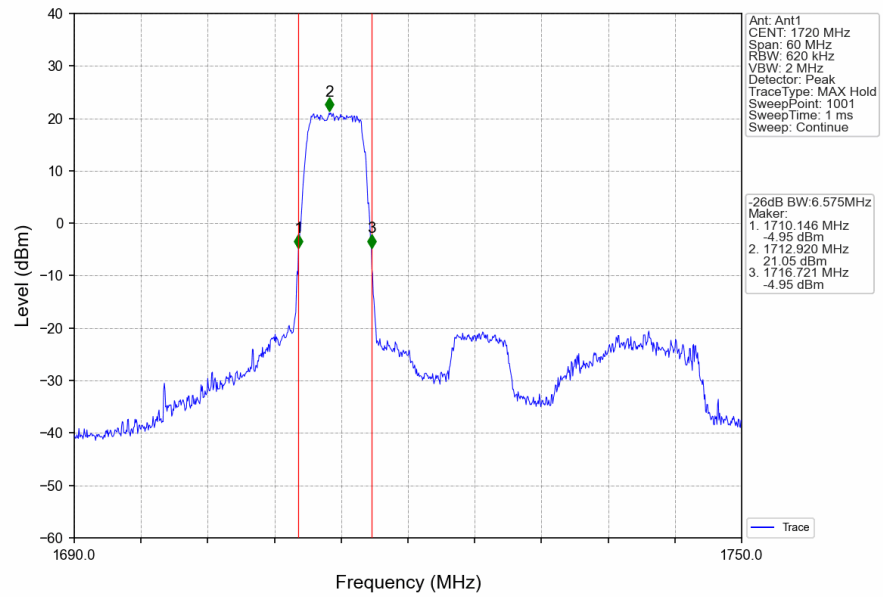
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



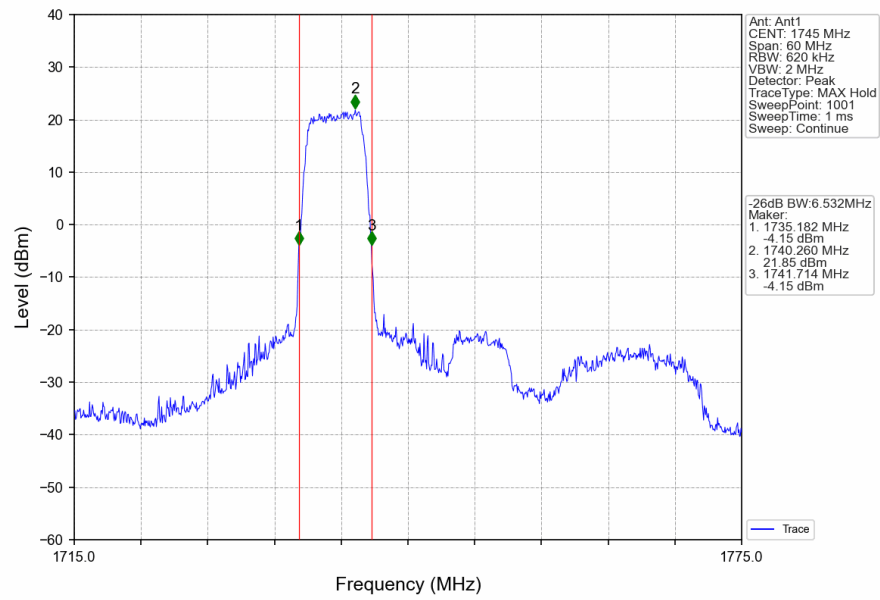
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



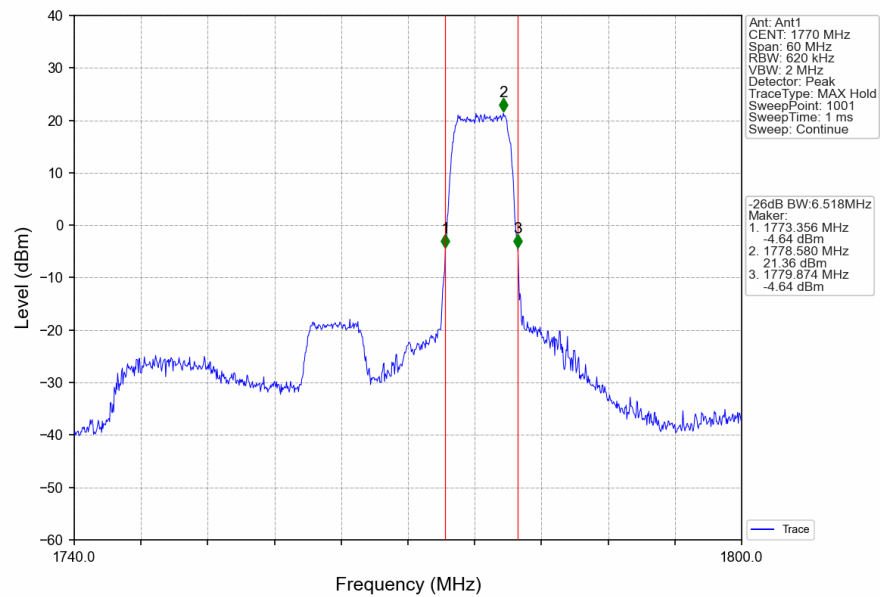
Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



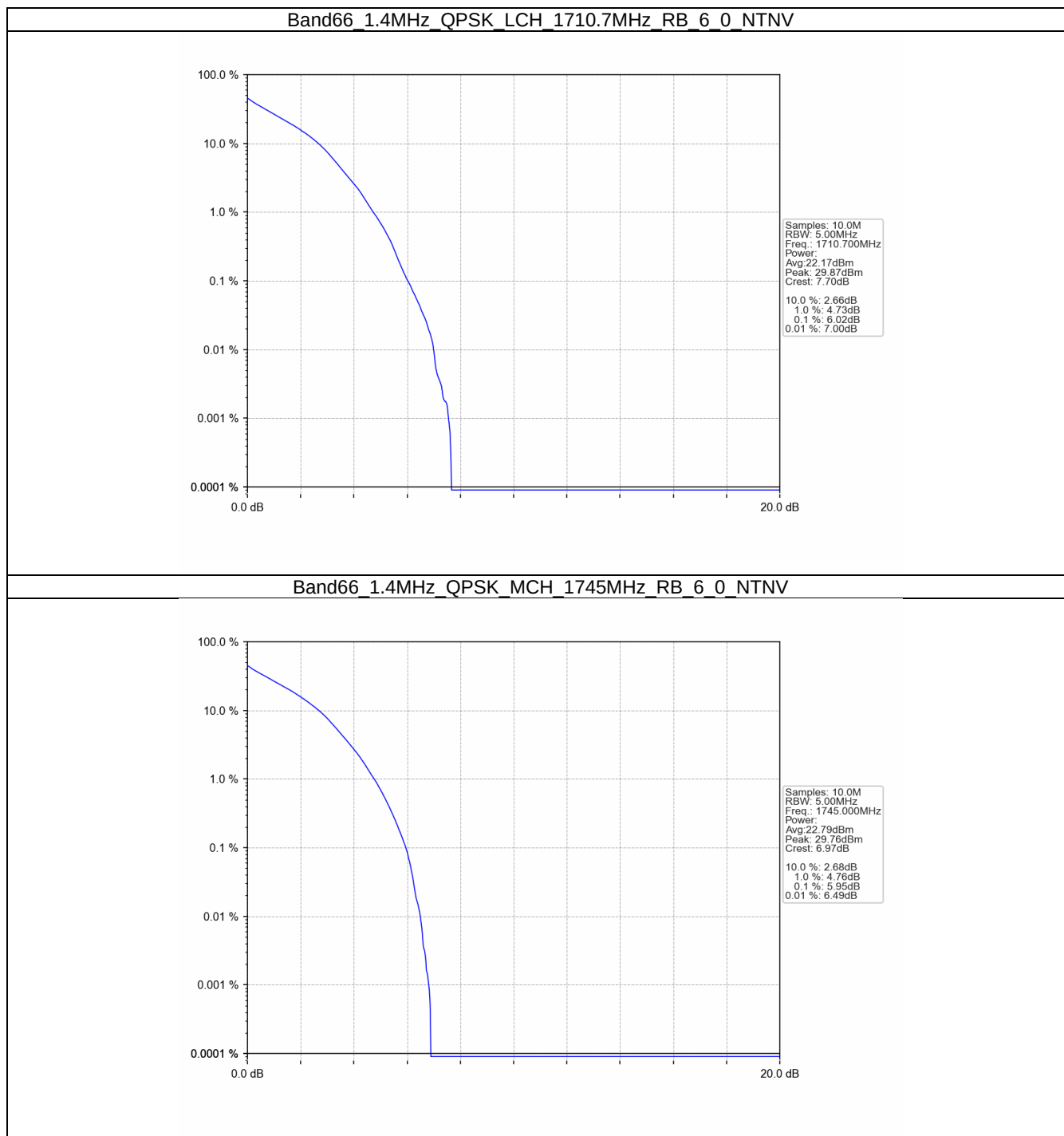
4. Peak-Average Ratio

4.1 B66_1.4MHz

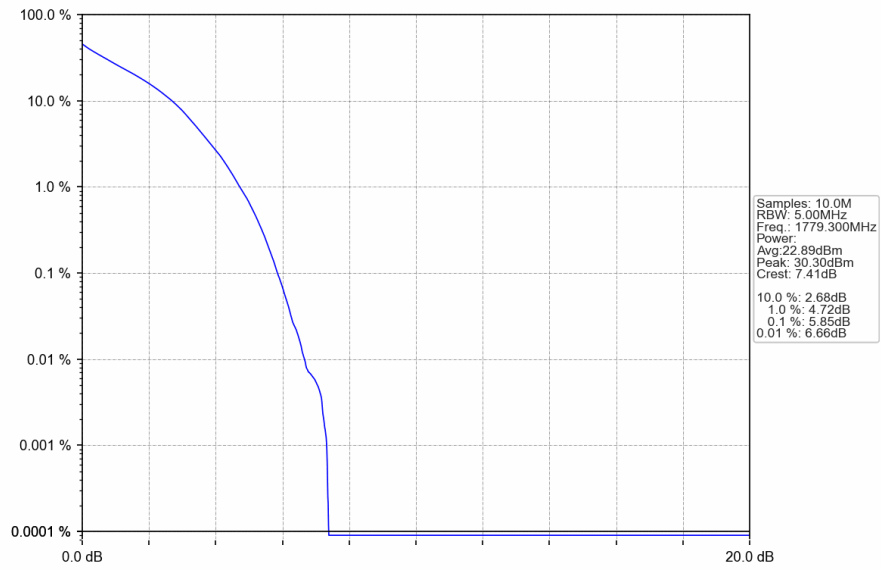
4.1.1 Test Result

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	6.02	<=13	Pass
	1745	6	0	5.95	<=13	Pass
	1779.3	6	0	5.85	<=13	Pass
16QAM	1710.7	6	0	6.84	<=13	Pass
	1745	6	0	6.67	<=13	Pass
	1779.3	6	0	6.58	<=13	Pass

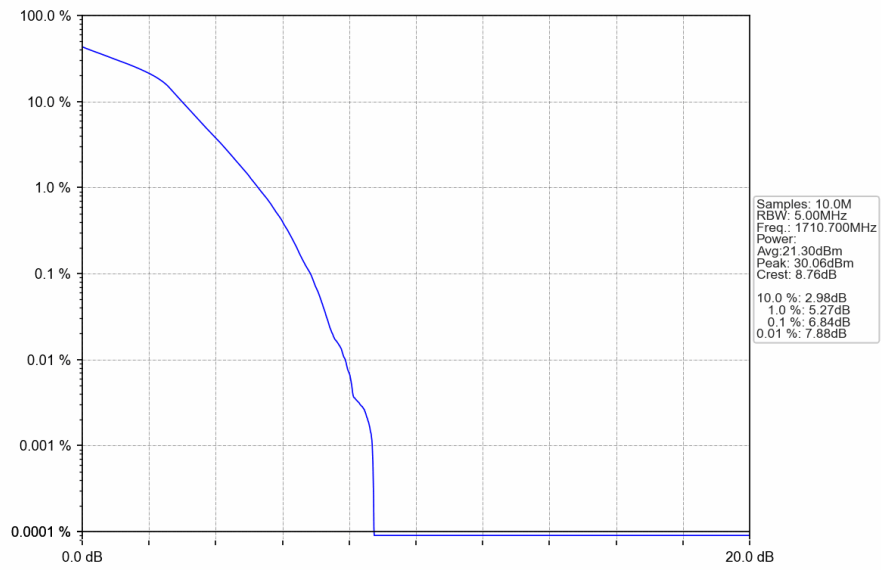
4.1.2 Test Graph



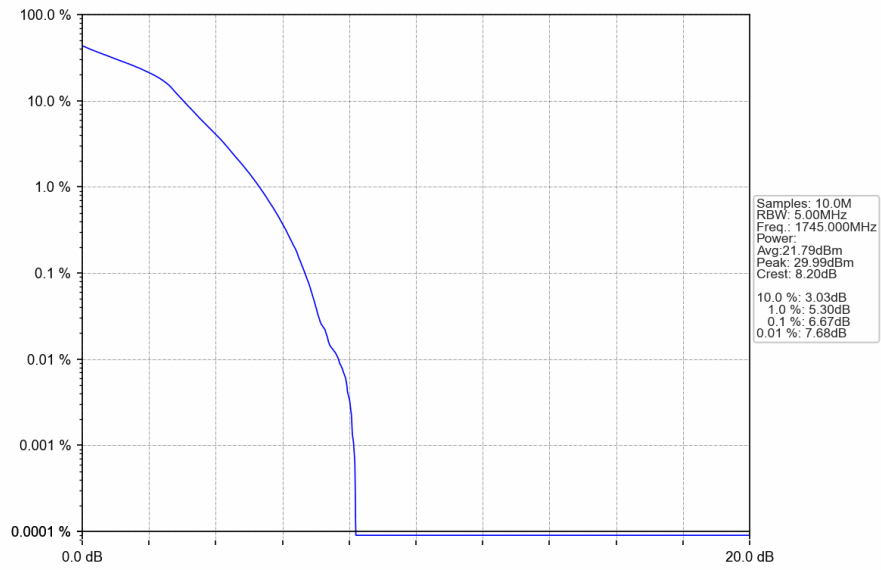
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



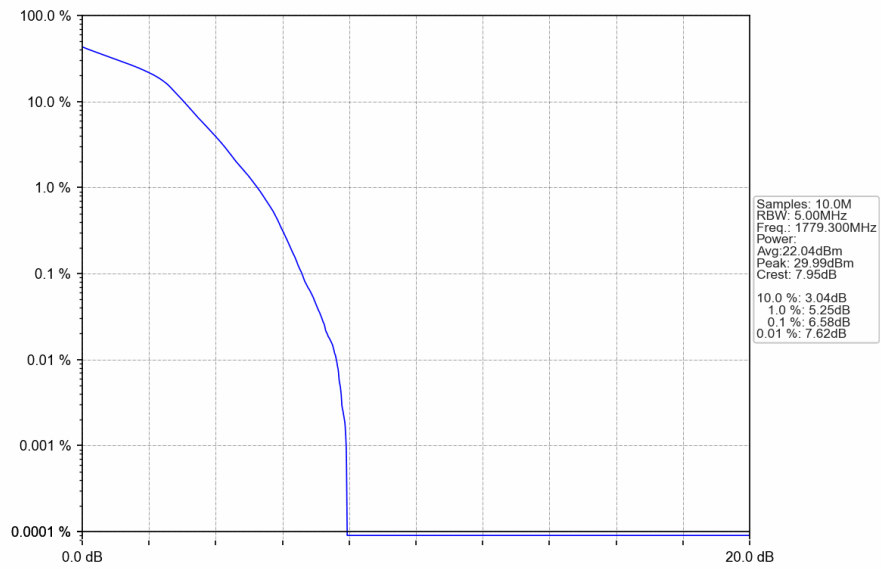
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV

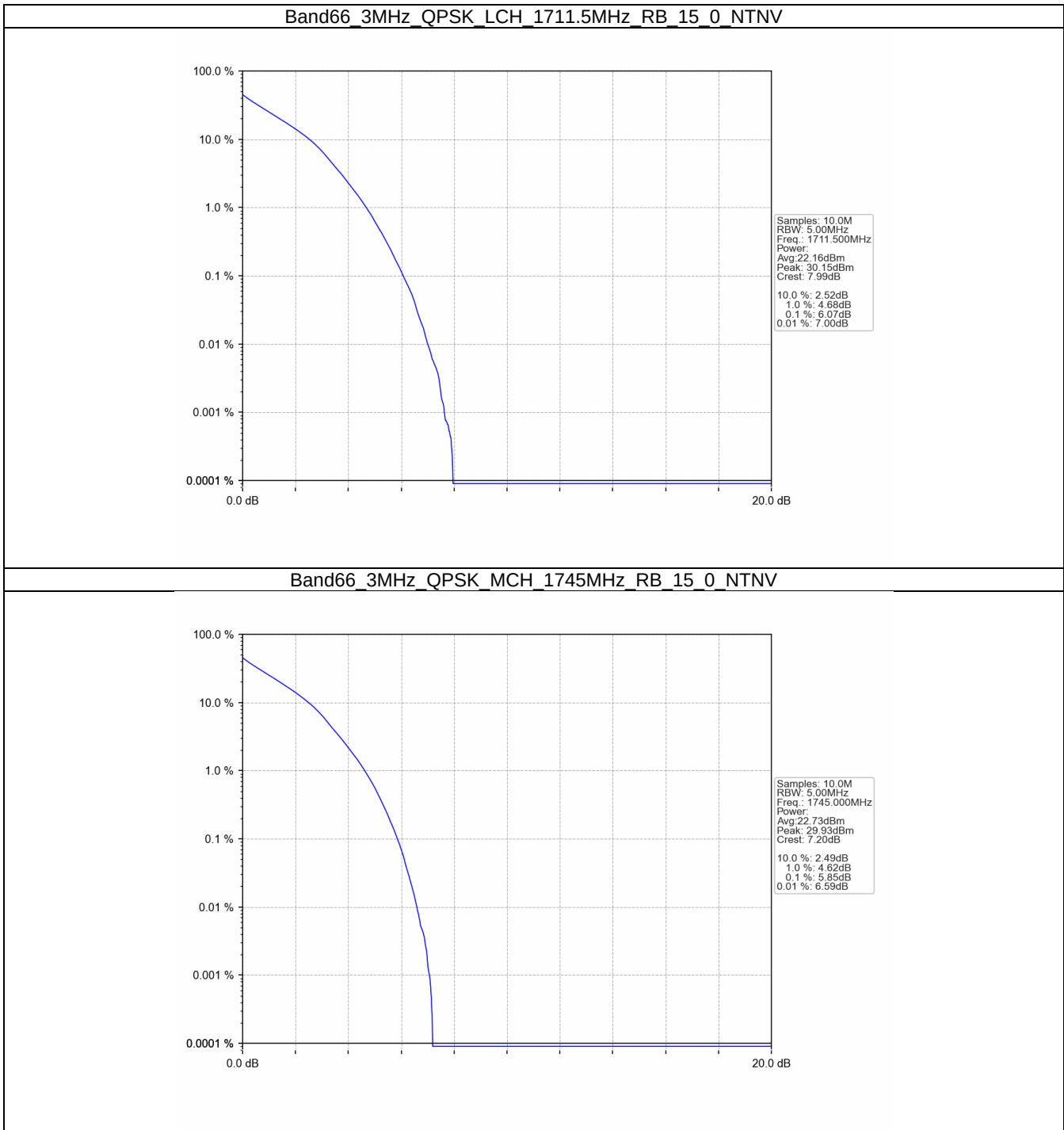


4.2 B66_3MHz

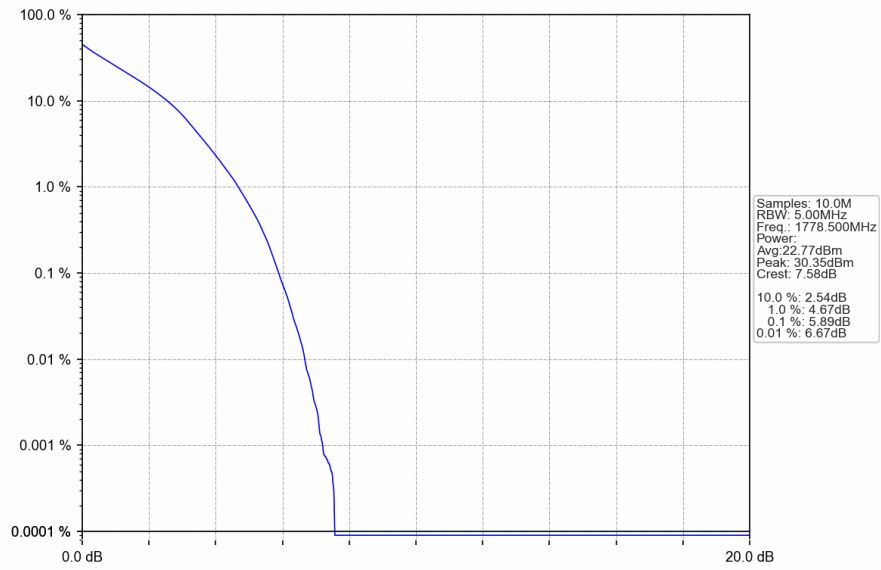
4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.07	<=13	Pass
	1745	15	0	5.85	<=13	Pass
	1778.5	15	0	5.89	<=13	Pass
16QAM	1711.5	15	0	6.83	<=13	Pass
	1745	15	0	6.67	<=13	Pass
	1778.5	15	0	6.65	<=13	Pass

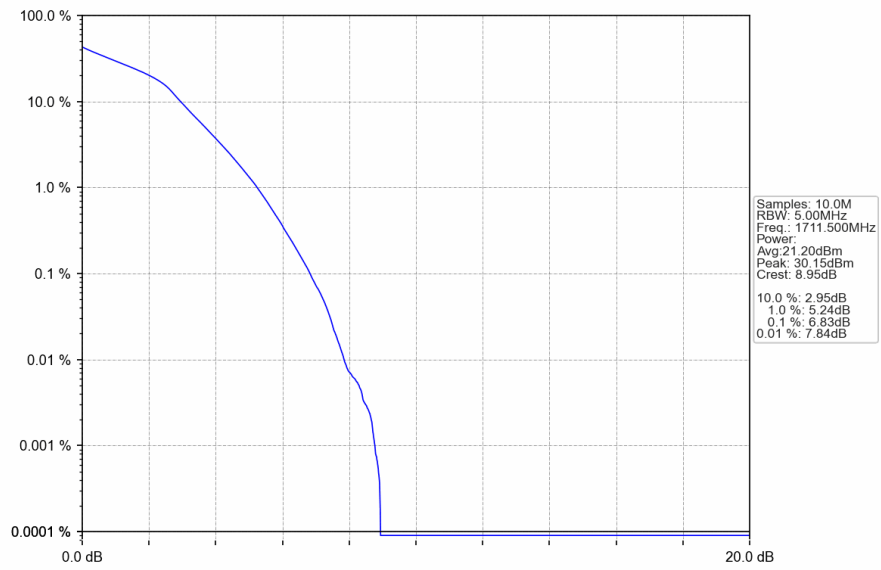
4.2.2 Test Graph



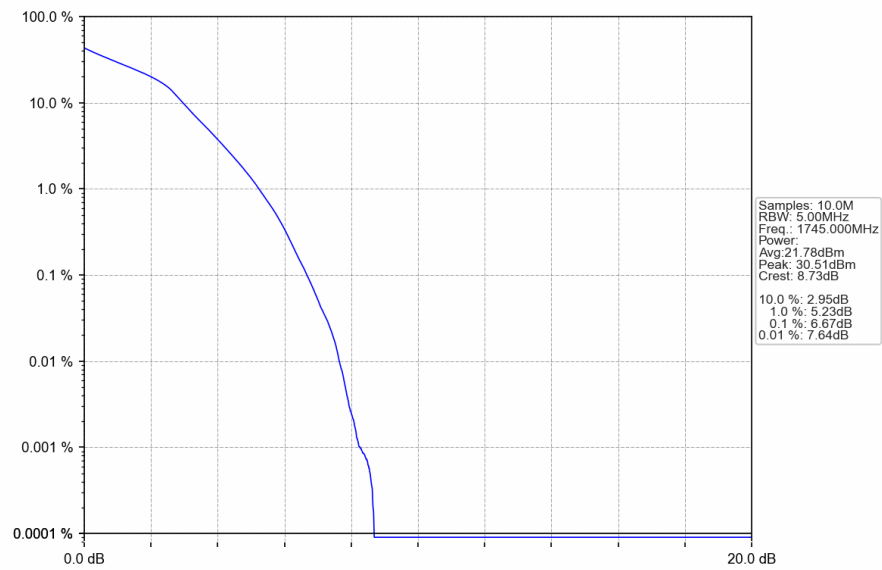
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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

