

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	23.39	1.71	25.10	<=30	Pass
			2	23.46	1.71	25.17	<=30	Pass
			5	23.59	1.71	25.30	<=30	Pass
		3	0	23.62	1.71	25.33	<=30	Pass
			2	23.53	1.71	25.24	<=30	Pass
			3	23.59	1.71	25.30	<=30	Pass
		6	0	22.70	1.71	24.41	<=30	Pass
	1745	1	0	23.59	1.71	25.30	<=30	Pass
			2	23.61	1.71	25.32	<=30	Pass
			5	23.50	1.71	25.21	<=30	Pass
		3	0	23.50	1.71	25.21	<=30	Pass
			2	23.73	1.71	25.44	<=30	Pass
			3	23.63	1.71	25.34	<=30	Pass
		6	0	22.63	1.71	24.34	<=30	Pass
	1779.3	1	0	23.65	1.71	25.36	<=30	Pass
			2	23.61	1.71	25.32	<=30	Pass
			5	23.54	1.71	25.25	<=30	Pass
		3	0	23.67	1.71	25.38	<=30	Pass
			2	23.49	1.71	25.20	<=30	Pass
			3	23.50	1.71	25.21	<=30	Pass
16QAM	1710.7	1	0	22.88	1.71	24.59	<=30	Pass
			2	23.14	1.71	24.85	<=30	Pass
			5	23.03	1.71	24.74	<=30	Pass
		3	0	22.89	1.71	24.60	<=30	Pass
			2	22.64	1.71	24.35	<=30	Pass
			3	22.54	1.71	24.25	<=30	Pass
		6	0	21.73	1.71	23.44	<=30	Pass
	1745	1	0	22.67	1.71	24.38	<=30	Pass
			2	22.58	1.71	24.29	<=30	Pass
			5	22.63	1.71	24.34	<=30	Pass
		3	0	22.66	1.71	24.37	<=30	Pass
			2	22.62	1.71	24.33	<=30	Pass
			3	22.53	1.71	24.24	<=30	Pass
		6	0	21.66	1.71	23.37	<=30	Pass
	1779.3	1	0	22.68	1.71	24.39	<=30	Pass
			2	22.62	1.71	24.33	<=30	Pass
			5	22.46	1.71	24.17	<=30	Pass
		3	0	22.61	1.71	24.32	<=30	Pass
			2	22.60	1.71	24.31	<=30	Pass
			3	22.52	1.71	24.23	<=30	Pass
		6	0	21.71	1.71	23.42	<=30	Pass

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	23.47	1.71	25.18	<=30	Pass
			7	23.51	1.71	25.22	<=30	Pass
			14	23.52	1.71	25.23	<=30	Pass
		8	0	22.62	1.71	24.33	<=30	Pass
			4	22.62	1.71	24.33	<=30	Pass
			7	22.59	1.71	24.30	<=30	Pass
		15	0	22.61	1.71	24.32	<=30	Pass
	1745	1	0	23.59	1.71	25.30	<=30	Pass
			7	23.73	1.71	25.44	<=30	Pass
			14	23.46	1.71	25.17	<=30	Pass
		8	0	22.70	1.71	24.41	<=30	Pass
			4	22.58	1.71	24.29	<=30	Pass
			7	22.59	1.71	24.30	<=30	Pass
		15	0	22.57	1.71	24.28	<=30	Pass
	1778.5	1	0	23.58	1.71	25.29	<=30	Pass
			7	23.53	1.71	25.24	<=30	Pass
			14	23.48	1.71	25.19	<=30	Pass
		8	0	22.65	1.71	24.36	<=30	Pass
			4	22.54	1.71	24.25	<=30	Pass
			7	22.55	1.71	24.26	<=30	Pass
		15	0	22.62	1.71	24.33	<=30	Pass
16QAM	1711.5	1	0	22.84	1.71	24.55	<=30	Pass
			7	23.05	1.71	24.76	<=30	Pass
			14	22.89	1.71	24.60	<=30	Pass
		8	0	21.87	1.71	23.58	<=30	Pass
			4	21.79	1.71	23.50	<=30	Pass
			7	21.84	1.71	23.55	<=30	Pass
		15	0	21.70	1.71	23.41	<=30	Pass
	1745	1	0	22.40	1.71	24.11	<=30	Pass
			7	23.33	1.71	25.04	<=30	Pass
			14	23.05	1.71	24.76	<=30	Pass
		8	0	21.94	1.71	23.65	<=30	Pass
			4	21.51	1.71	23.22	<=30	Pass
			7	21.40	1.71	23.11	<=30	Pass
		15	0	21.45	1.71	23.16	<=30	Pass
	1778.5	1	0	22.58	1.71	24.29	<=30	Pass
			7	22.40	1.71	24.11	<=30	Pass
			14	22.06	1.71	23.77	<=30	Pass
		8	0	21.77	1.71	23.48	<=30	Pass
			4	21.75	1.71	23.46	<=30	Pass
			7	21.49	1.71	23.20	<=30	Pass
		15	0	21.80	1.71	23.51	<=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	23.39	1.71	25.10	<=30	Pass
			13	23.66	1.71	25.37	<=30	Pass
			24	23.48	1.71	25.19	<=30	Pass
		12	0	22.60	1.71	24.31	<=30	Pass
			6	22.65	1.71	24.36	<=30	Pass
			13	22.60	1.71	24.31	<=30	Pass
		25	0	22.60	1.71	24.31	<=30	Pass
	1745	1	0	23.45	1.71	25.16	<=30	Pass
			13	23.45	1.71	25.16	<=30	Pass
			24	23.35	1.71	25.06	<=30	Pass
		12	0	22.66	1.71	24.37	<=30	Pass
			6	22.68	1.71	24.39	<=30	Pass
			13	22.52	1.71	24.23	<=30	Pass
		25	0	22.52	1.71	24.23	<=30	Pass
	1777.5	1	0	23.49	1.71	25.20	<=30	Pass
			13	23.38	1.71	25.09	<=30	Pass
			24	23.34	1.71	25.05	<=30	Pass
		12	0	22.61	1.71	24.32	<=30	Pass
			6	22.55	1.71	24.26	<=30	Pass
			13	22.47	1.71	24.18	<=30	Pass
		25	0	22.56	1.71	24.27	<=30	Pass
16QAM	1712.5	1	0	22.15	1.71	23.86	<=30	Pass
			13	22.32	1.71	24.03	<=30	Pass
			24	22.29	1.71	24.00	<=30	Pass
		12	0	21.65	1.71	23.36	<=30	Pass
			6	21.77	1.71	23.48	<=30	Pass
			13	21.72	1.71	23.43	<=30	Pass
		25	0	21.83	1.71	23.54	<=30	Pass
	1745	1	0	22.48	1.71	24.19	<=30	Pass
			13	22.61	1.71	24.32	<=30	Pass
			24	22.34	1.71	24.05	<=30	Pass
		12	0	21.54	1.71	23.25	<=30	Pass
			6	21.61	1.71	23.32	<=30	Pass
			13	21.38	1.71	23.09	<=30	Pass
		25	0	21.61	1.71	23.32	<=30	Pass
	1777.5	1	0	22.60	1.71	24.31	<=30	Pass
			13	22.43	1.71	24.14	<=30	Pass
			24	21.65	1.71	23.36	<=30	Pass
		12	0	21.80	1.71	23.51	<=30	Pass
			6	21.64	1.71	23.35	<=30	Pass
			13	21.44	1.71	23.15	<=30	Pass
		25	0	21.72	1.71	23.43	<=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	23.58	1.71	25.29	<=30	Pass
			25	23.92	1.71	25.63	<=30	Pass
			49	23.56	1.71	25.27	<=30	Pass
		25	0	22.81	1.71	24.52	<=30	Pass
			13	22.82	1.71	24.53	<=30	Pass
			25	22.68	1.71	24.39	<=30	Pass
		50	0	22.82	1.71	24.53	<=30	Pass
	1745	1	0	23.86	1.71	25.57	<=30	Pass
			25	23.92	1.71	25.63	<=30	Pass
			49	23.45	1.71	25.16	<=30	Pass
		25	0	22.84	1.71	24.55	<=30	Pass
			13	22.66	1.71	24.37	<=30	Pass
			25	22.56	1.71	24.27	<=30	Pass
		50	0	22.60	1.71	24.31	<=30	Pass
	1775	1	0	23.74	1.71	25.45	<=30	Pass
			25	23.91	1.71	25.62	<=30	Pass
			49	23.30	1.71	25.01	<=30	Pass
		25	0	22.73	1.71	24.44	<=30	Pass
			13	22.63	1.71	24.34	<=30	Pass
			25	22.45	1.71	24.16	<=30	Pass
		50	0	22.59	1.71	24.30	<=30	Pass
16QAM	1715	1	0	23.08	1.71	24.79	<=30	Pass
			25	23.36	1.71	25.07	<=30	Pass
			49	22.76	1.71	24.47	<=30	Pass
		25	0	21.94	1.71	23.65	<=30	Pass
			13	21.98	1.71	23.69	<=30	Pass
			25	21.82	1.71	23.53	<=30	Pass
		50	0	21.77	1.71	23.48	<=30	Pass
	1745	1	0	22.47	1.71	24.18	<=30	Pass
			25	23.70	1.71	25.41	<=30	Pass
			49	22.98	1.71	24.69	<=30	Pass
		25	0	22.04	1.71	23.75	<=30	Pass
			13	21.90	1.71	23.61	<=30	Pass
			25	21.74	1.71	23.45	<=30	Pass
		50	0	21.79	1.71	23.50	<=30	Pass
	1775	1	0	22.45	1.71	24.16	<=30	Pass
			25	22.71	1.71	24.42	<=30	Pass
			49	22.01	1.71	23.72	<=30	Pass
		25	0	22.01	1.71	23.72	<=30	Pass
13			21.88	1.71	23.59	<=30	Pass	
25			21.61	1.71	23.32	<=30	Pass	
50		0	21.56	1.71	23.27	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.62	1.71	25.33	<=30	Pass
			38	23.71	1.71	25.42	<=30	Pass
			74	23.51	1.71	25.22	<=30	Pass
		36	0	22.80	1.71	24.51	<=30	Pass
			18	22.85	1.71	24.56	<=30	Pass
			39	22.55	1.71	24.26	<=30	Pass
		75	0	22.78	1.71	24.49	<=30	Pass
	1745	1	0	23.69	1.71	25.40	<=30	Pass
			38	23.76	1.71	25.47	<=30	Pass
			74	23.51	1.71	25.22	<=30	Pass
		36	0	22.91	1.71	24.62	<=30	Pass
			18	22.81	1.71	24.52	<=30	Pass
			39	22.47	1.71	24.18	<=30	Pass
		75	0	22.58	1.71	24.29	<=30	Pass
	1772.5	1	0	23.52	1.71	25.23	<=30	Pass
			38	23.65	1.71	25.36	<=30	Pass
			74	23.20	1.71	24.91	<=30	Pass
		36	0	22.70	1.71	24.41	<=30	Pass
			18	22.73	1.71	24.44	<=30	Pass
			39	22.51	1.71	24.22	<=30	Pass
		75	0	22.65	1.71	24.36	<=30	Pass
16QAM	1717.5	1	0	23.00	1.71	24.71	<=30	Pass
			38	23.03	1.71	24.74	<=30	Pass
			74	22.74	1.71	24.45	<=30	Pass
		36	0	21.85	1.71	23.56	<=30	Pass
			18	21.81	1.71	23.52	<=30	Pass
			39	21.66	1.71	23.37	<=30	Pass
		75	0	21.90	1.71	23.61	<=30	Pass
	1745	1	0	22.98	1.71	24.69	<=30	Pass
			38	23.21	1.71	24.92	<=30	Pass
			74	22.95	1.71	24.66	<=30	Pass
		36	0	22.05	1.71	23.76	<=30	Pass
			18	21.90	1.71	23.61	<=30	Pass
			39	21.58	1.71	23.29	<=30	Pass
		75	0	21.77	1.71	23.48	<=30	Pass
	1772.5	1	0	22.85	1.71	24.56	<=30	Pass
			38	22.80	1.71	24.51	<=30	Pass
			74	22.07	1.71	23.78	<=30	Pass
		36	0	21.70	1.71	23.41	<=30	Pass
18			21.84	1.71	23.55	<=30	Pass	
39			21.46	1.71	23.17	<=30	Pass	
75		0	21.68	1.71	23.39	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.37	1.71	25.08	<=30	Pass
			50	23.94	1.71	25.65	<=30	Pass
			99	23.42	1.71	25.13	<=30	Pass
		50	0	22.86	1.71	24.57	<=30	Pass
			25	22.80	1.71	24.51	<=30	Pass
			50	22.68	1.71	24.39	<=30	Pass
		100	0	22.87	1.71	24.58	<=30	Pass
	1745	1	0	23.76	1.71	25.47	<=30	Pass
			50	24.11	1.71	25.82	<=30	Pass
			99	23.75	1.71	25.46	<=30	Pass
		50	0	22.89	1.71	24.60	<=30	Pass
			25	22.85	1.71	24.56	<=30	Pass
			50	22.59	1.71	24.30	<=30	Pass
		100	0	22.70	1.71	24.41	<=30	Pass
	1770	1	0	23.64	1.71	25.35	<=30	Pass
			50	23.93	1.71	25.64	<=30	Pass
			99	23.29	1.71	25.00	<=30	Pass
		50	0	22.75	1.71	24.46	<=30	Pass
			25	22.81	1.71	24.52	<=30	Pass
			50	22.53	1.71	24.24	<=30	Pass
		100	0	22.69	1.71	24.40	<=30	Pass
16QAM	1720	1	0	22.98	1.71	24.69	<=30	Pass
			50	23.20	1.71	24.91	<=30	Pass
			99	22.43	1.71	24.14	<=30	Pass
		50	0	22.03	1.71	23.74	<=30	Pass
			25	21.90	1.71	23.61	<=30	Pass
			50	21.78	1.71	23.49	<=30	Pass
		100	0	21.79	1.71	23.50	<=30	Pass
	1745	1	0	22.73	1.71	24.44	<=30	Pass
			50	22.83	1.71	24.54	<=30	Pass
			99	22.33	1.71	24.04	<=30	Pass
		50	0	21.99	1.71	23.70	<=30	Pass
			25	21.95	1.71	23.66	<=30	Pass
			50	21.69	1.71	23.40	<=30	Pass
		100	0	21.67	1.71	23.38	<=30	Pass
	1770	1	0	23.48	1.71	25.19	<=30	Pass
			50	23.73	1.71	25.44	<=30	Pass
			99	22.81	1.71	24.52	<=30	Pass
		50	0	21.64	1.71	23.35	<=30	Pass
			25	21.84	1.71	23.55	<=30	Pass
			50	21.65	1.71	23.36	<=30	Pass
		100	0	21.70	1.71	23.41	<=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	0.672	0.0004	-2.5 to 2.5	Pass
					3.85	2.246	0.0013	-2.5 to 2.5	Pass
					4.43	1.903	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.488	0.0009	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-2.632	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.85	0.429	0.0002	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0000	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	1.931	0.0011	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	1.044	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.772	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.744	0.0004	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-1.316	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0012	-2.5 to 2.5	Pass

					4.43	-3.691	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-0.701	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.601	0.0003	-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	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
					4.43	1.216	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.744	0.0004	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	2.418	0.0014	-2.5 to 2.5	Pass
					4.43	2.861	0.0016	-2.5 to 2.5	Pass
				-30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.489	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.101	0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-1.545	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
					4.43	0.601	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.106	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass

				-10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	1.559	0.0009	-2.5 to 2.5	Pass
					3.85	0.014	0.0000	-2.5 to 2.5	Pass
					4.43	2.246	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.602	0.0009	-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	0.644	0.0004	-2.5 to 2.5	Pass
					3.85	1.044	0.0006	-2.5 to 2.5	Pass
					4.43	0.429	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				30	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.488	0.0009	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-2.046	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	2.117	0.0012	-2.5 to 2.5	Pass
					3.85	0.343	0.0002	-2.5 to 2.5	Pass
					4.43	1.030	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				30	3.85	2.546	0.0015	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				50	3.85	2.375	0.0014	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.934	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass

				-10	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-0.587	-0.0003	-2.5 to 2.5	Pass
					3.85	0.701	0.0004	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0014	-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	-4.692	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.562	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.847	-0.0017	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.762	-0.0021	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.975	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass

16QAM	1715	50	0	30	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-2.947	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-2.046	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				20	3.27	-2.575	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0014	-2.5 to 2.5	Pass
	1775	50	0	-30	3.85	-4.663	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0023	-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	-0.715	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					4.43	0.544	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.343	0.0002	-2.5 to 2.5	Pass

	1745	75	0	20	3.27	-3.376	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.273	0.0007	-2.5 to 2.5	Pass
					3.85	1.559	0.0009	-2.5 to 2.5	Pass
					4.43	1.588	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.616	0.0009	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-0.086	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.275	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.788	0.0010	-2.5 to 2.5	Pass
					3.85	2.232	0.0013	-2.5 to 2.5	Pass
					4.43	1.845	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.403	0.0014	-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	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	1.845	0.0011	-2.5 to 2.5	Pass
					4.43	1.960	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.217	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.402	0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.047	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	1.273	0.0007	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0001	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	2.232	0.0013	-2.5 to 2.5	Pass
					3.85	1.702	0.0010	-2.5 to 2.5	Pass
					4.43	1.874	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.362	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.731	0.0010	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.103	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.490	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass

				-10	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.558	0.0003	-2.5 to 2.5	Pass
					3.85	1.073	0.0006	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

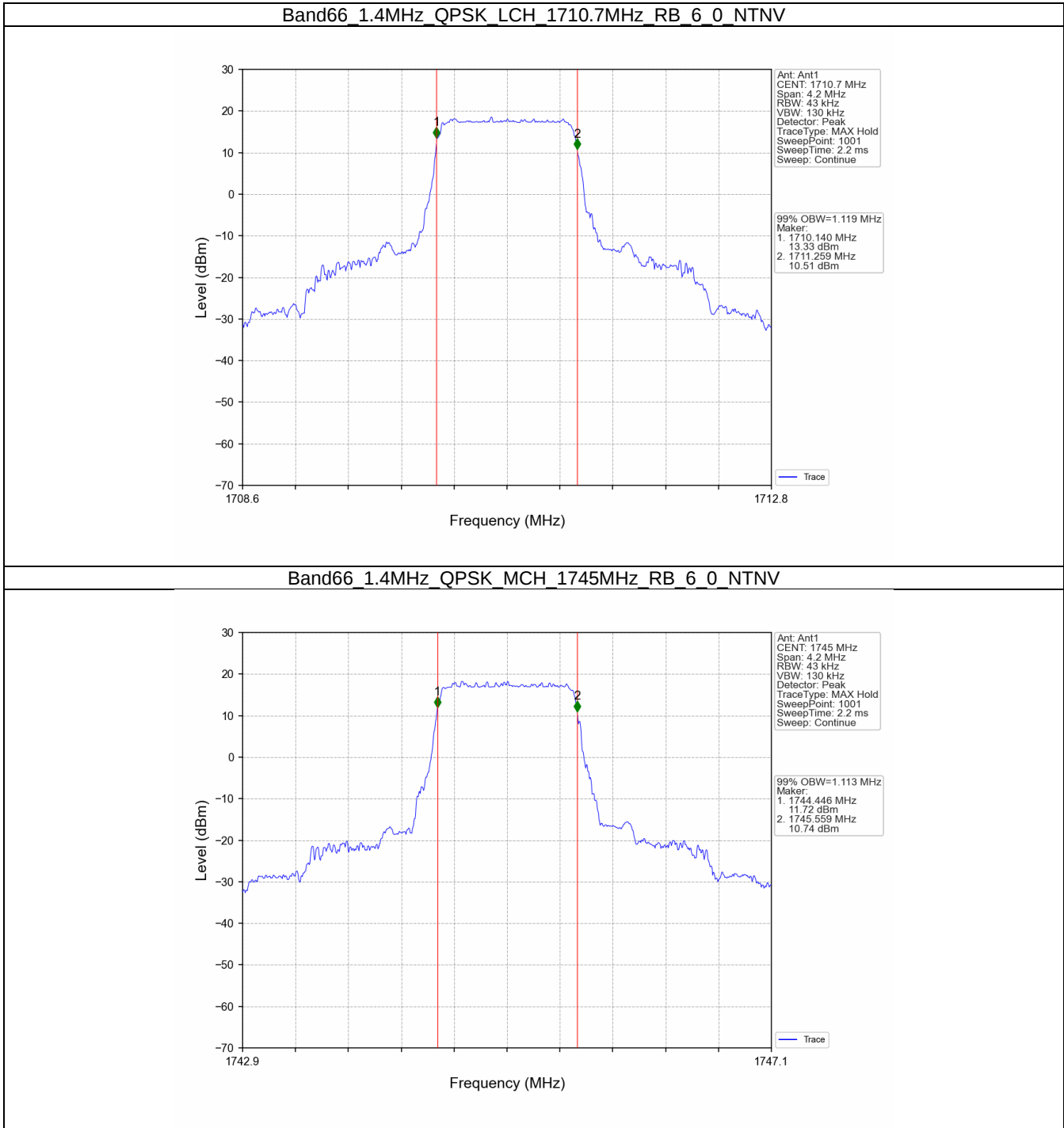
3.1 Band66_OBW

3.1.1 Test Result

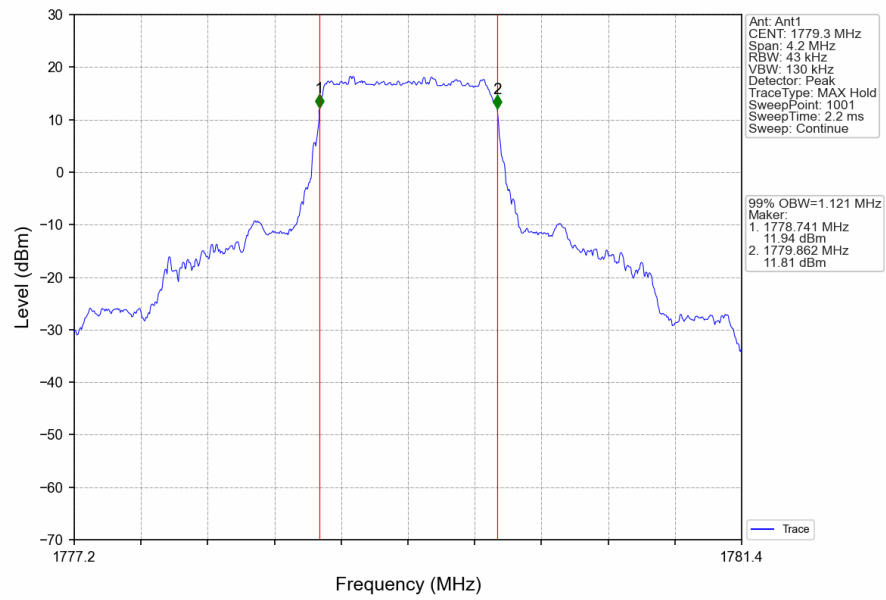
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.119	/	Pass
		1745	6	0	1.113	/	Pass
		1779.3	6	0	1.121	/	Pass
	16QAM	1710.7	6	0	1.119	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.121	/	Pass
3	QPSK	1711.5	15	0	2.735	/	Pass
		1745	15	0	2.739	/	Pass
		1778.5	15	0	2.750	/	Pass
	16QAM	1711.5	15	0	2.746	/	Pass
		1745	15	0	2.742	/	Pass
		1778.5	15	0	2.752	/	Pass
5	QPSK	1712.5	25	0	4.580	/	Pass
		1745	25	0	4.558	/	Pass
		1777.5	25	0	4.553	/	Pass
	16QAM	1712.5	25	0	4.548	/	Pass
		1745	25	0	4.563	/	Pass
		1777.5	25	0	4.600	/	Pass
10	QPSK	1715	50	0	9.036	/	Pass
		1745	50	0	9.043	/	Pass
		1775	50	0	9.020	/	Pass
	16QAM	1715	50	0	9.001	/	Pass
		1745	50	0	9.021	/	Pass
		1775	50	0	9.022	/	Pass
15	QPSK	1717.5	75	0	13.556	/	Pass
		1745	75	0	13.487	/	Pass
		1772.5	75	0	13.514	/	Pass

20	16QAM	1717.5	75	0	13.532	/	Pass
		1745	75	0	13.501	/	Pass
		1772.5	75	0	13.523	/	Pass
	QPSK	1720	100	0	18.068	/	Pass
		1745	100	0	17.984	/	Pass
		1770	100	0	18.068	/	Pass
	16QAM	1720	100	0	18.133	/	Pass
		1745	100	0	17.961	/	Pass
		1770	100	0	18.025	/	Pass

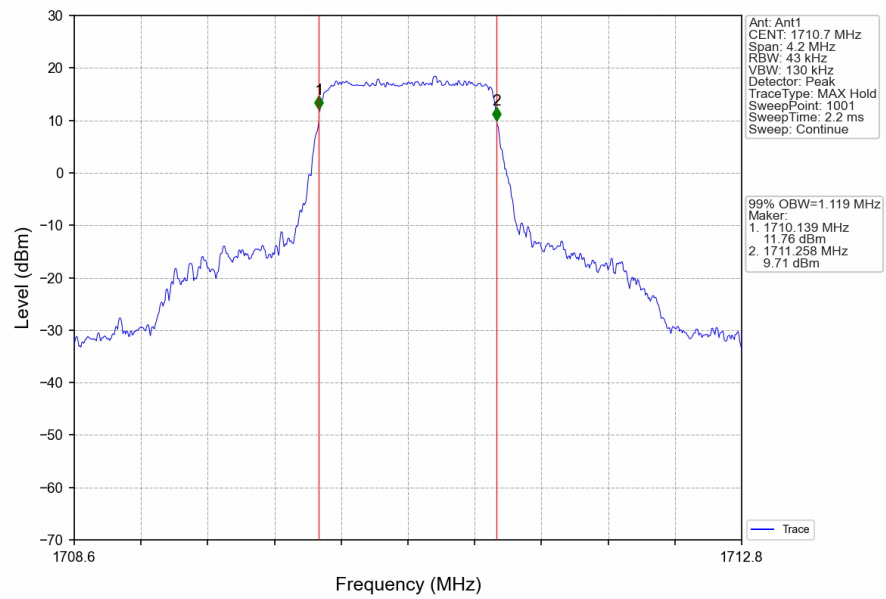
3.1.2 Test Graph



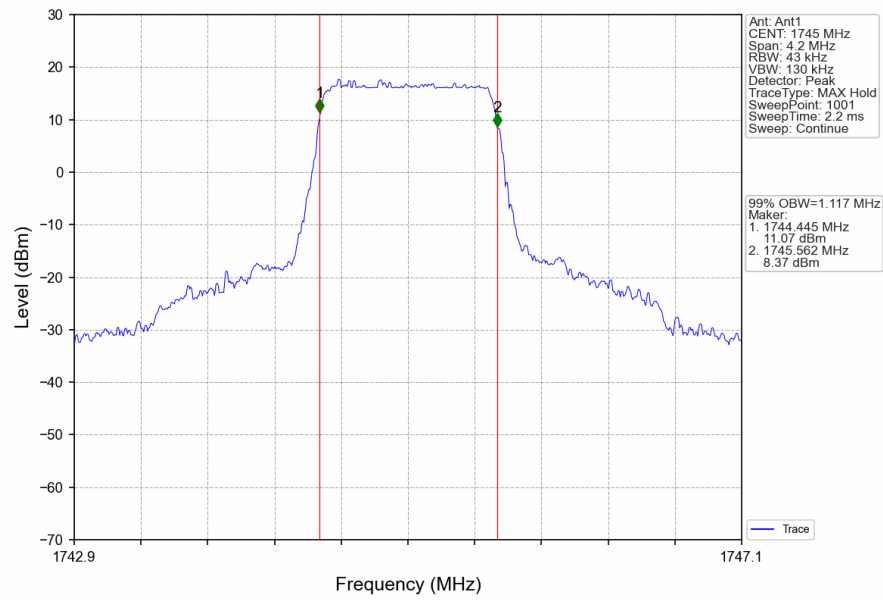
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



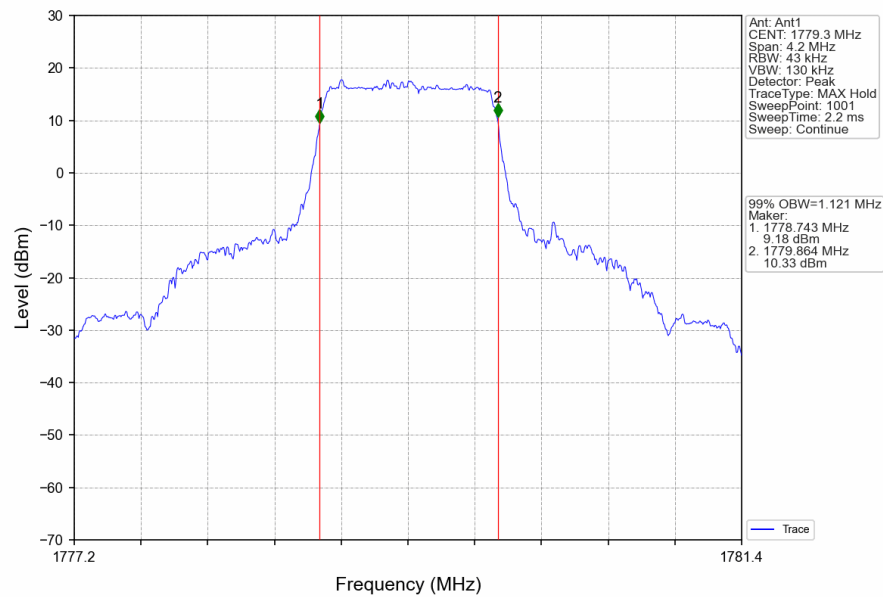
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



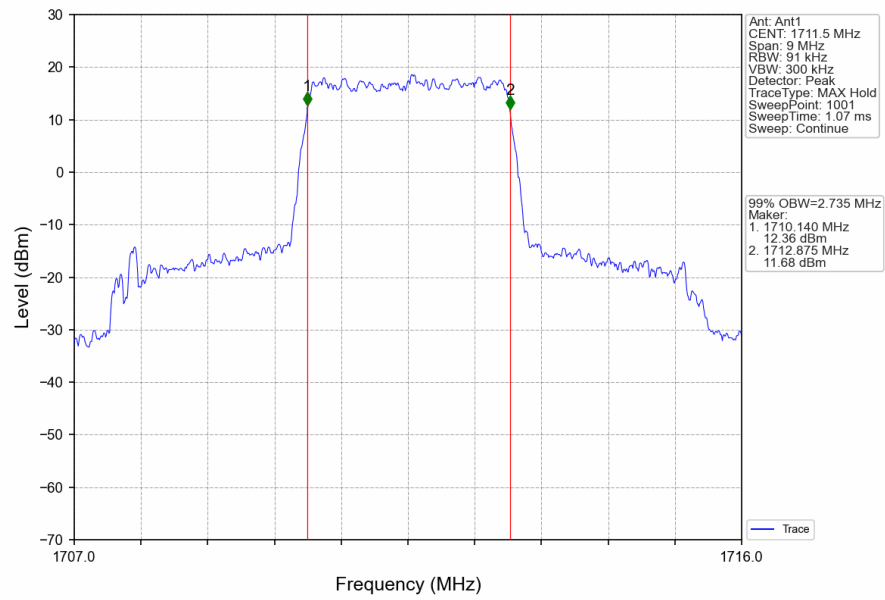
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



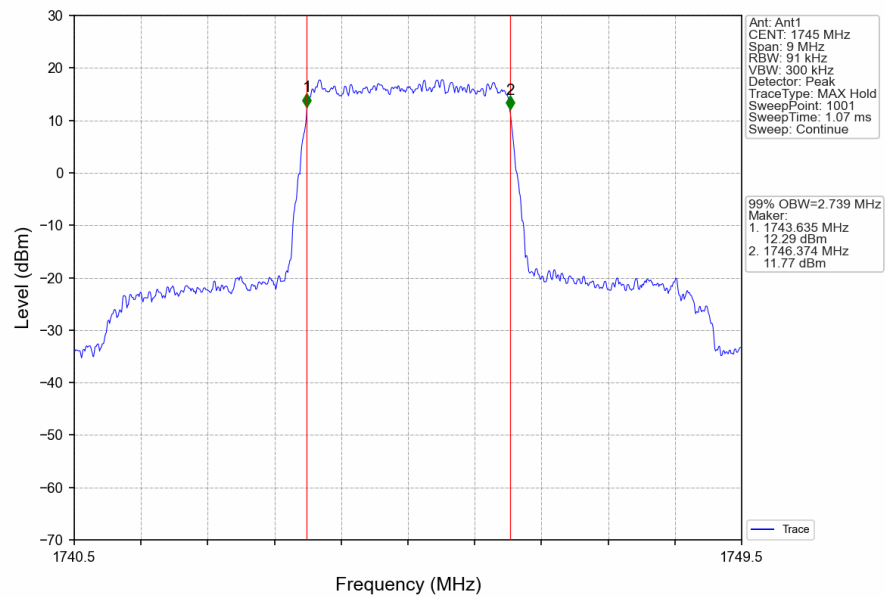
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



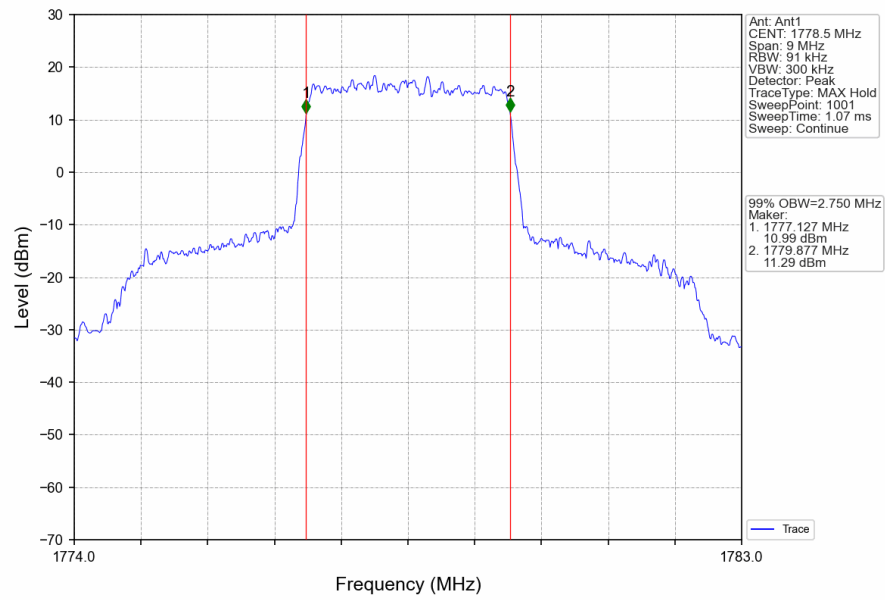
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



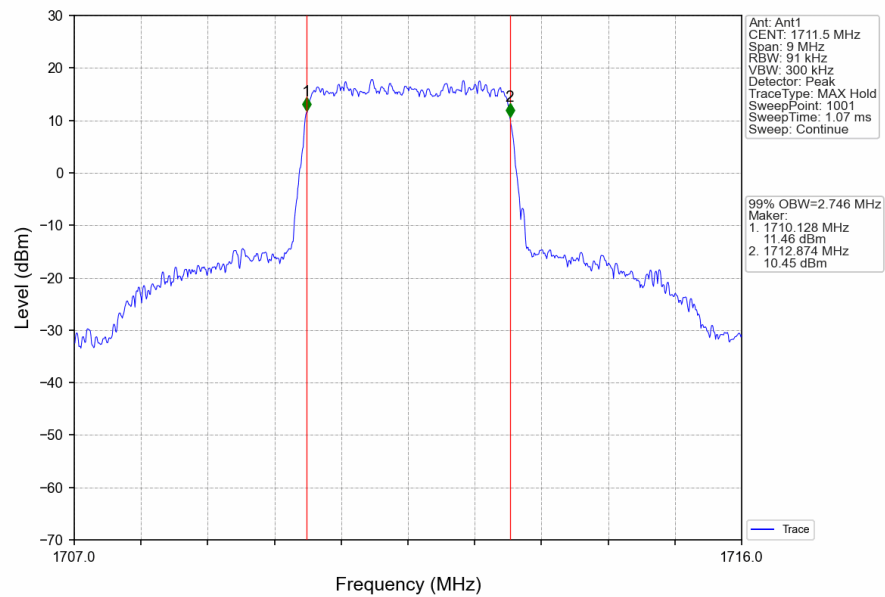
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



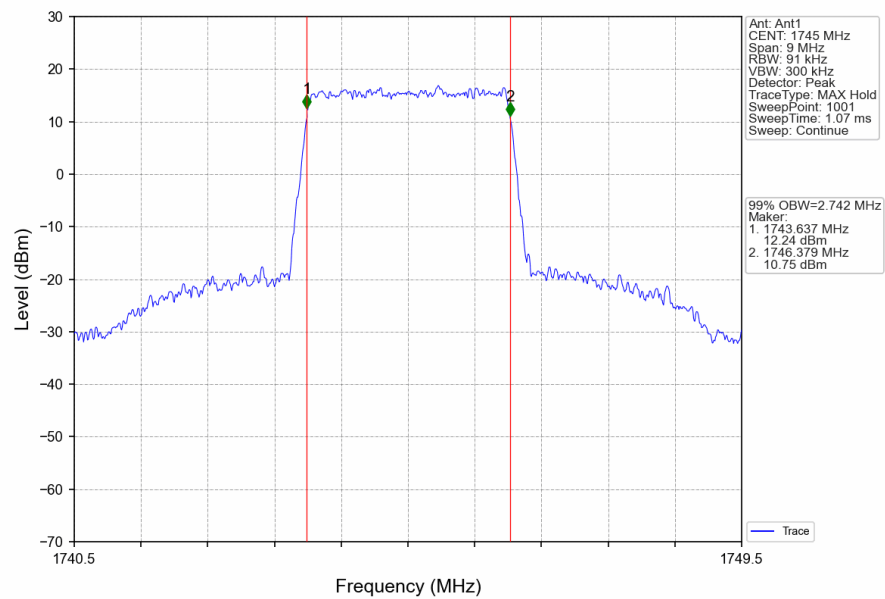
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



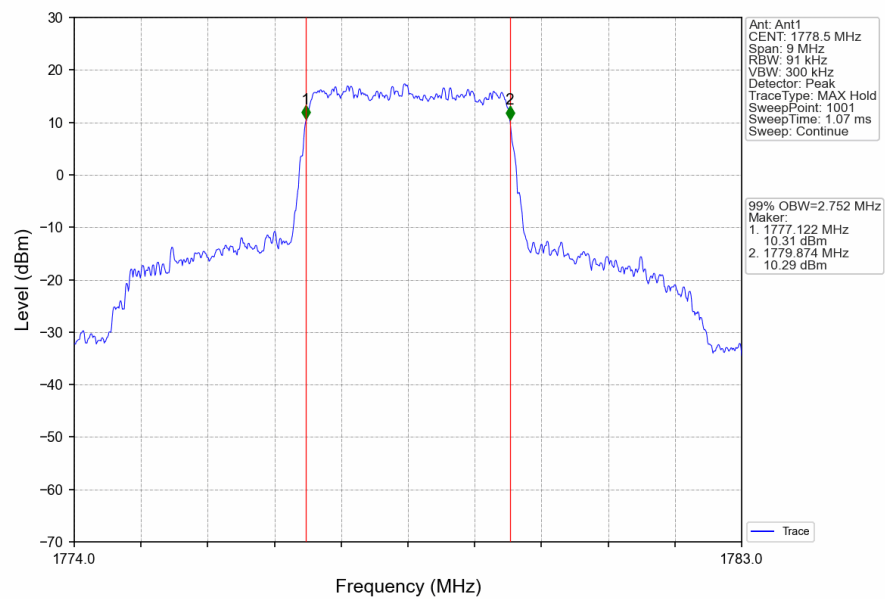
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



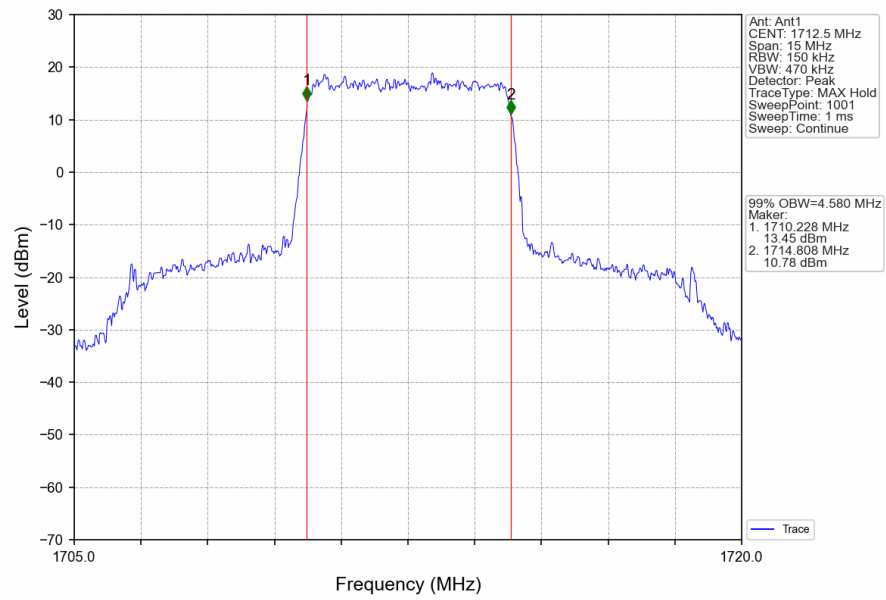
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



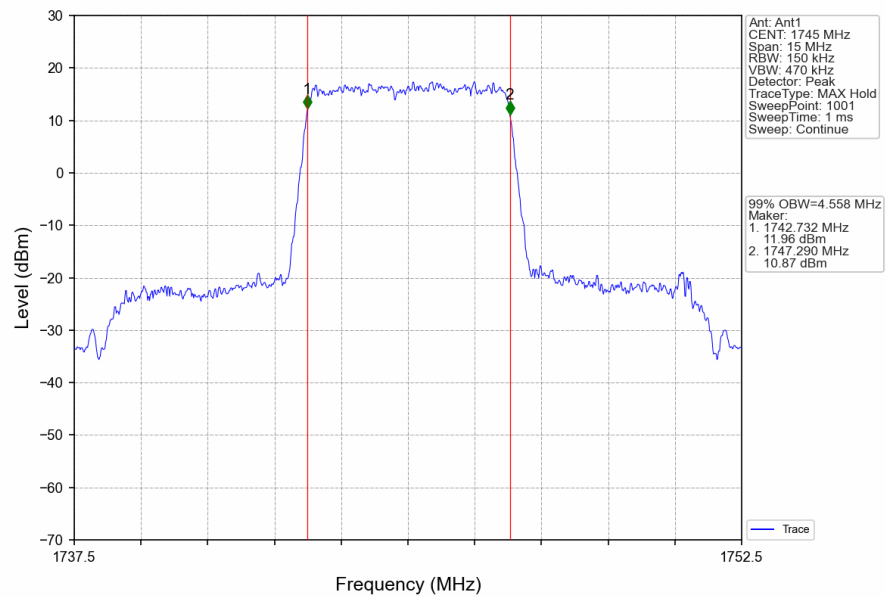
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



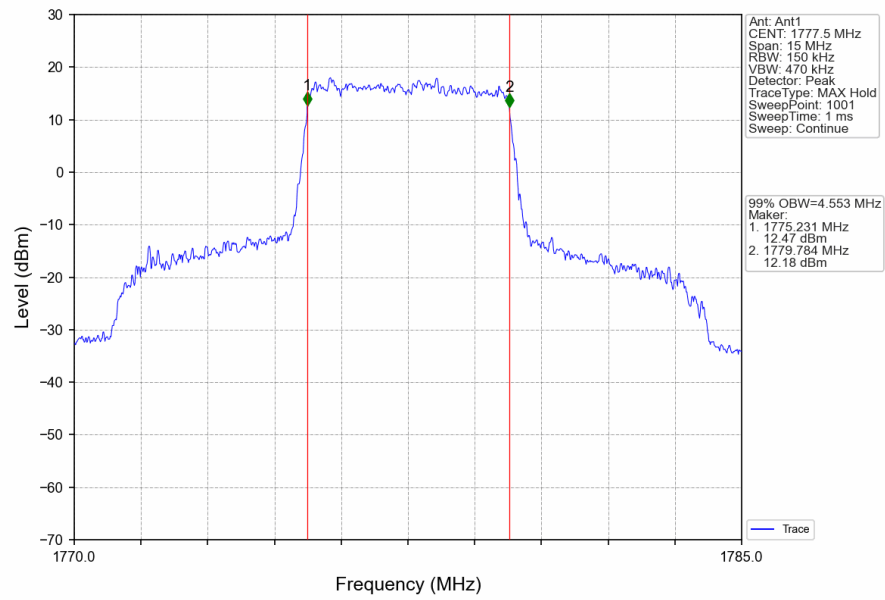
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



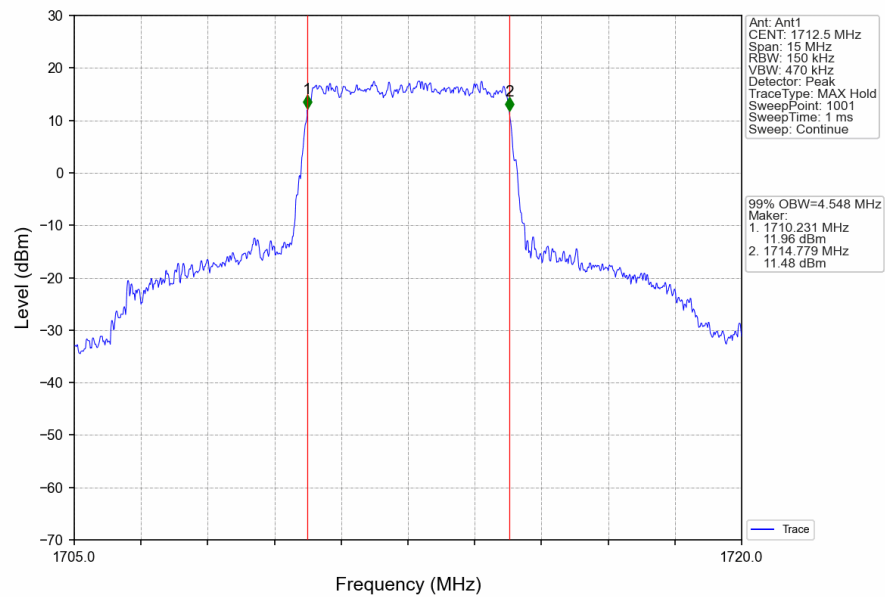
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



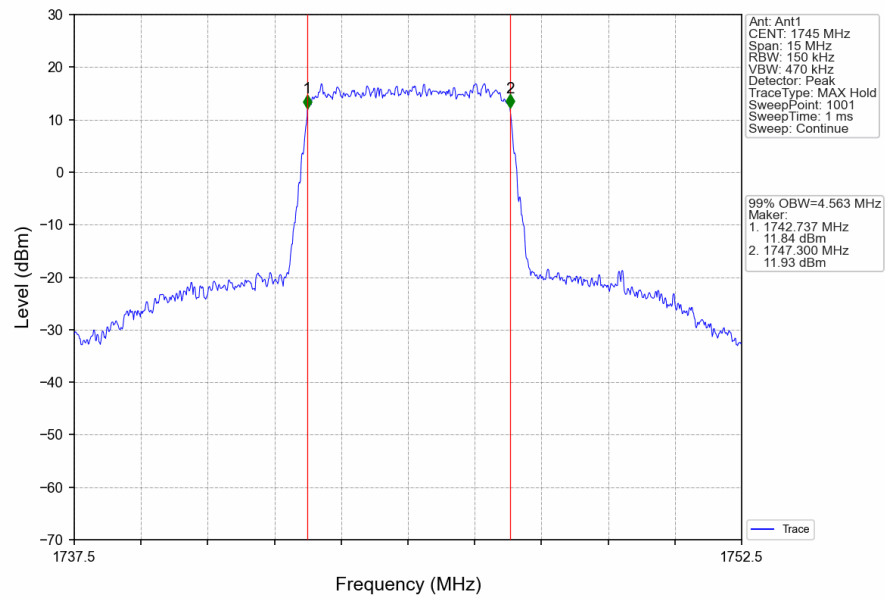
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



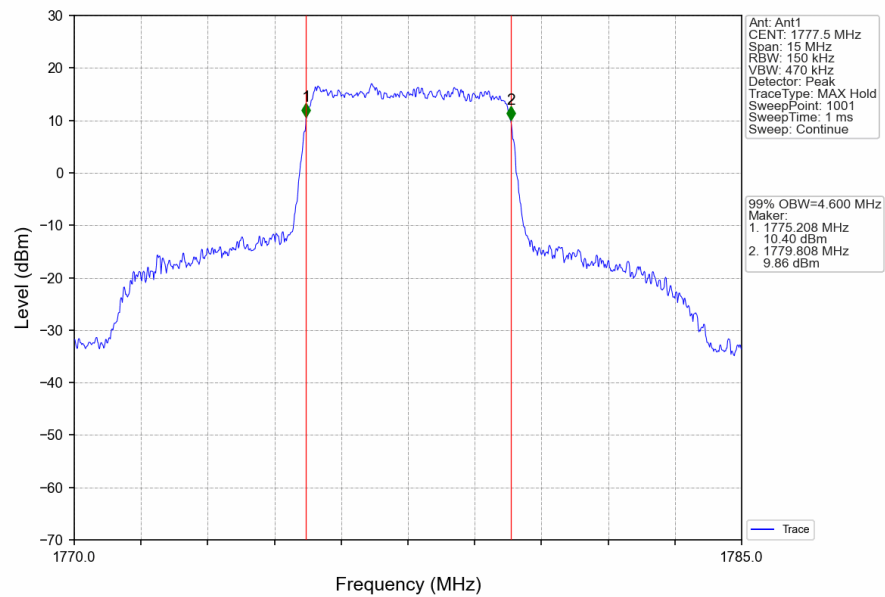
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



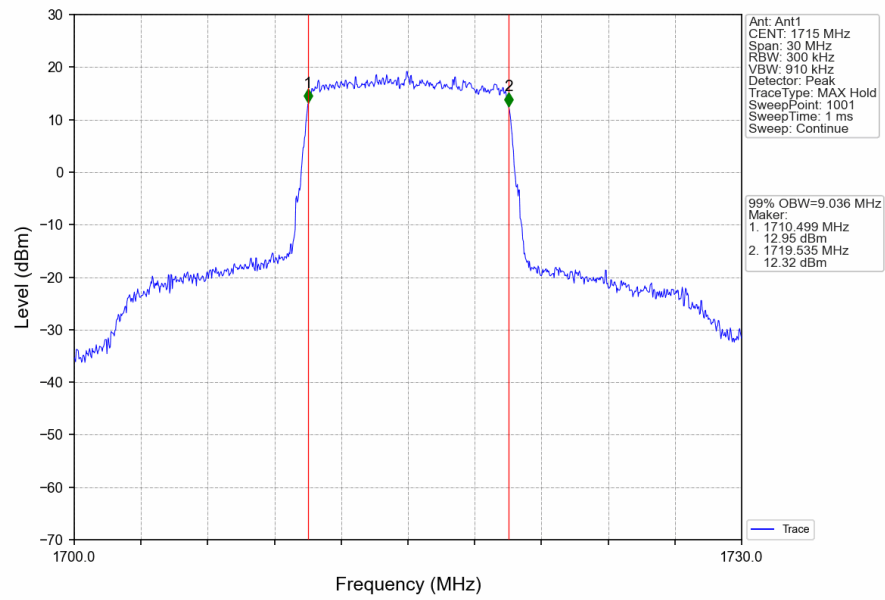
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



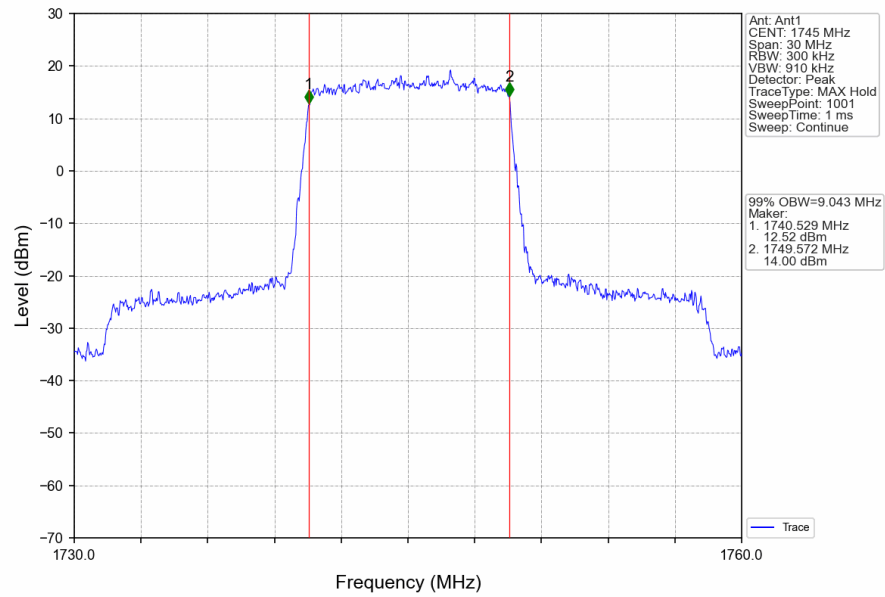
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



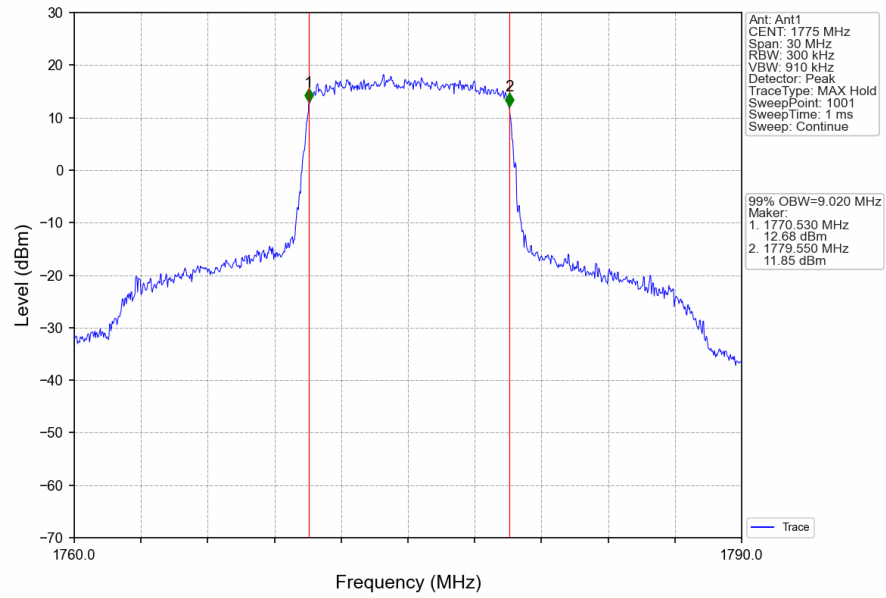
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



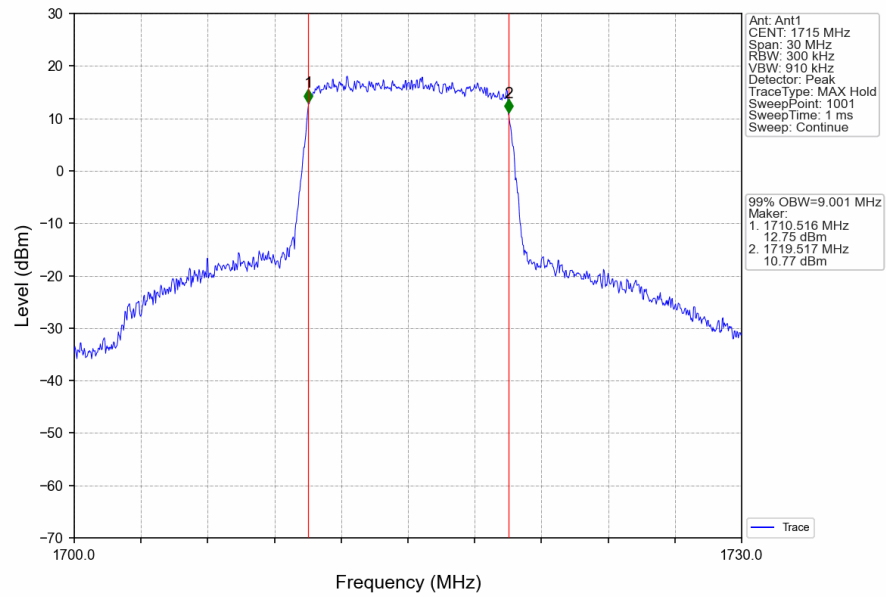
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



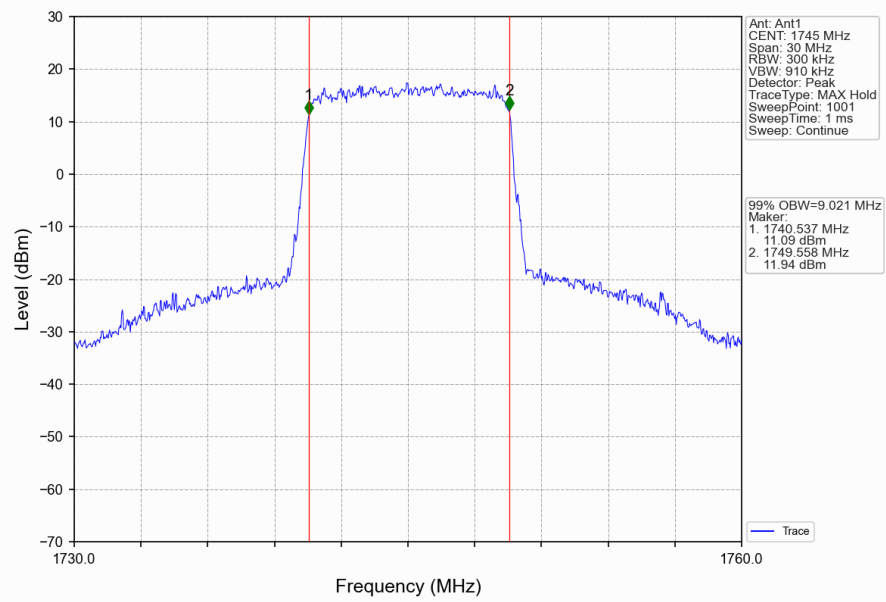
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



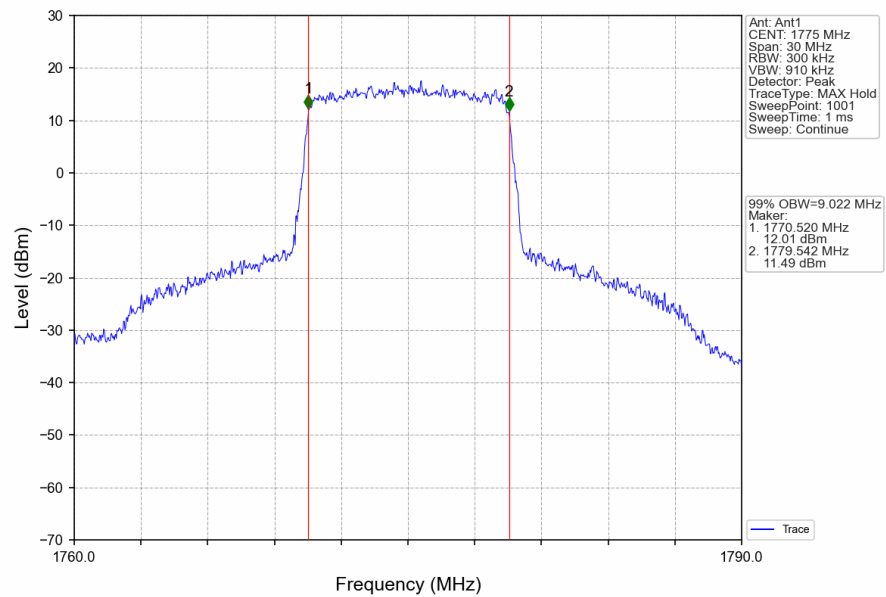
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



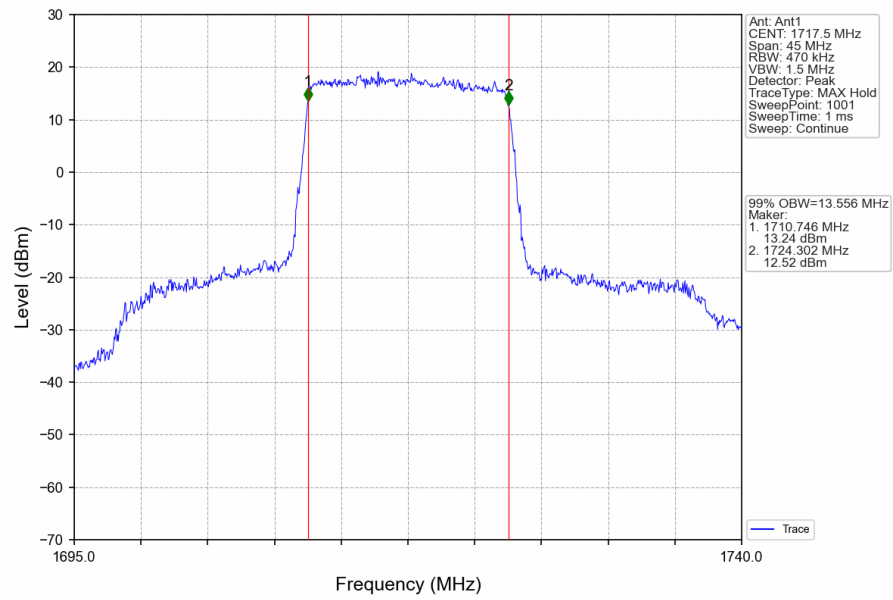
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



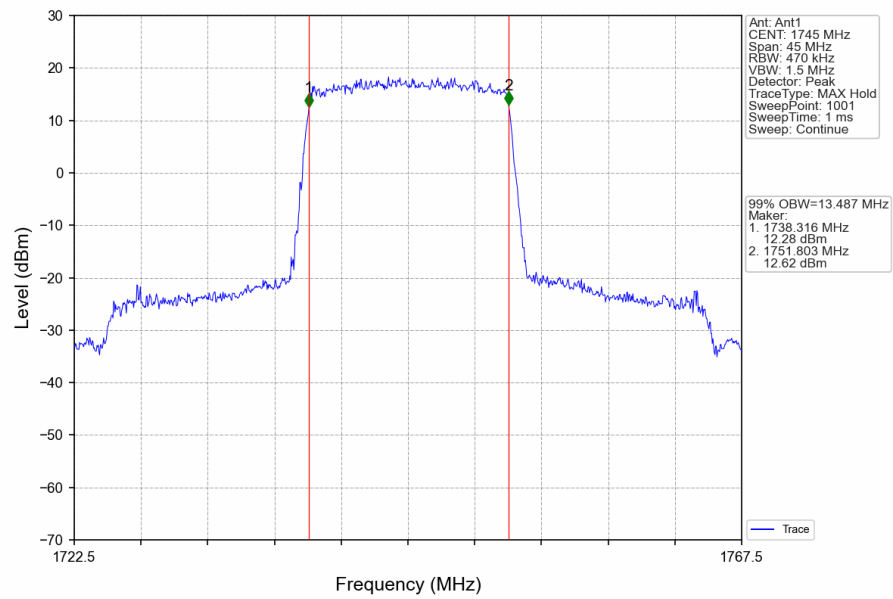
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



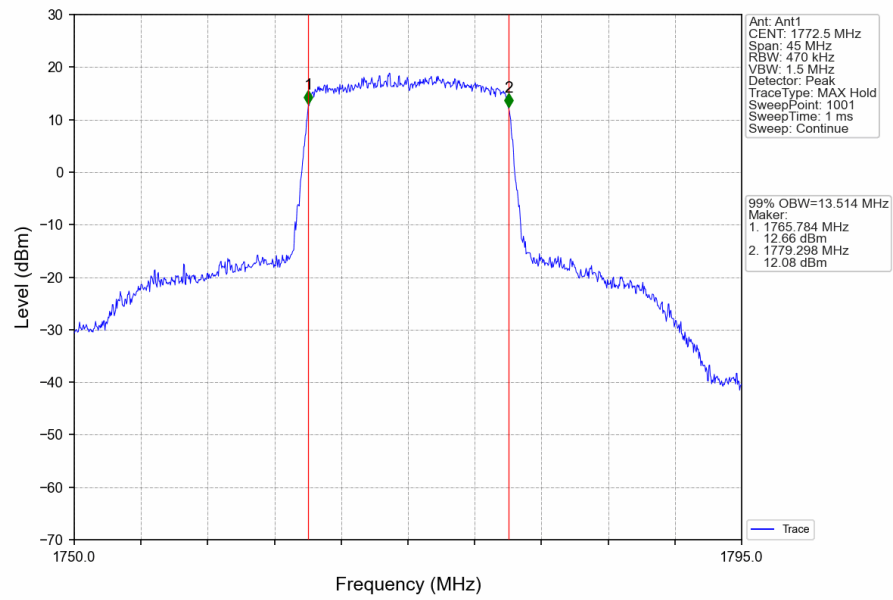
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



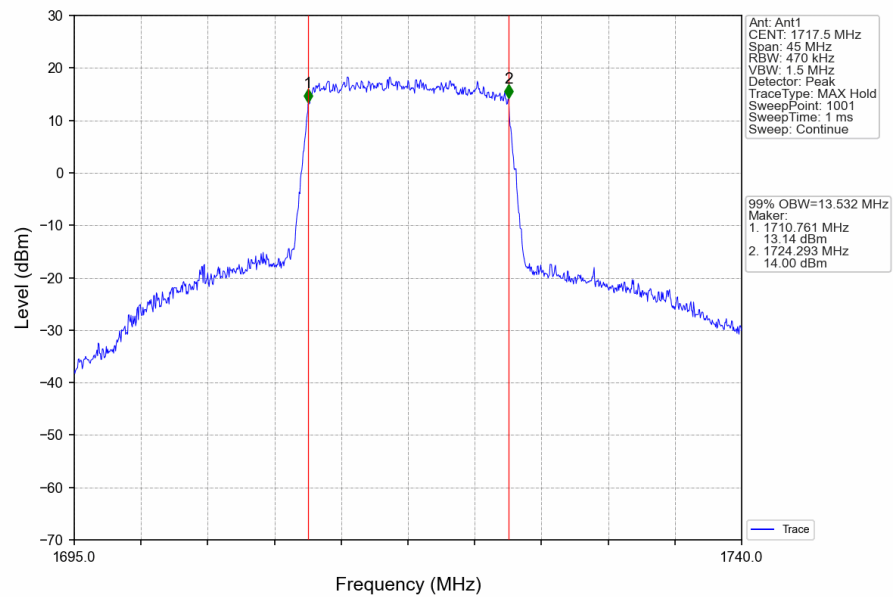
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



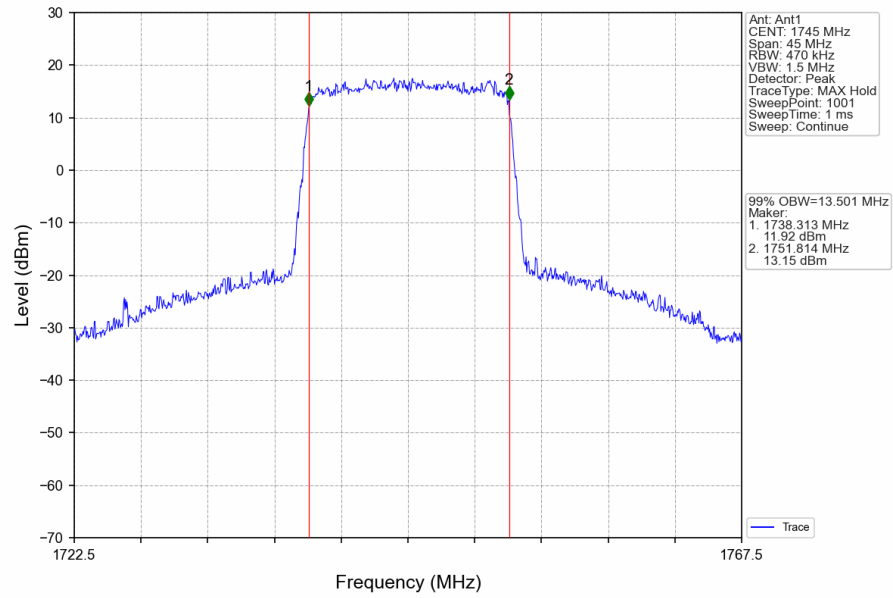
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



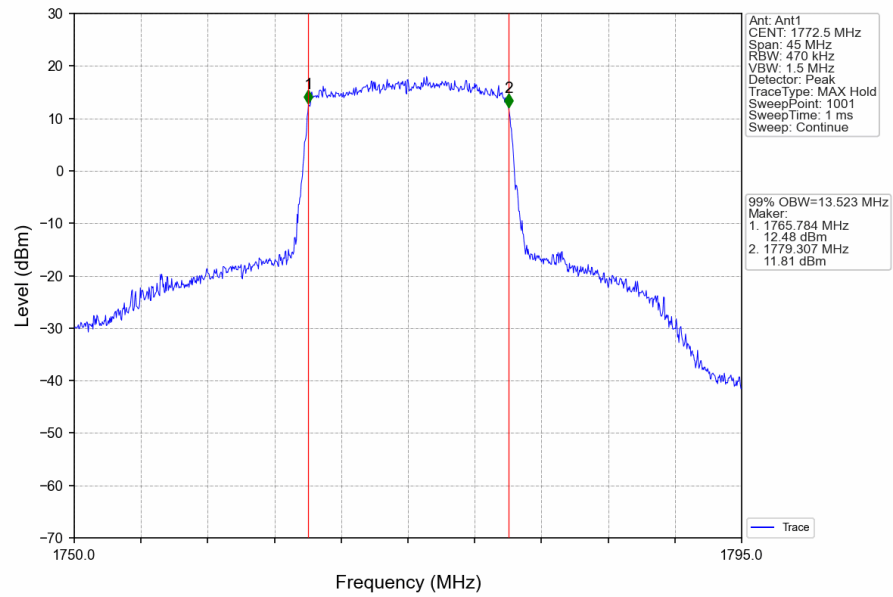
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



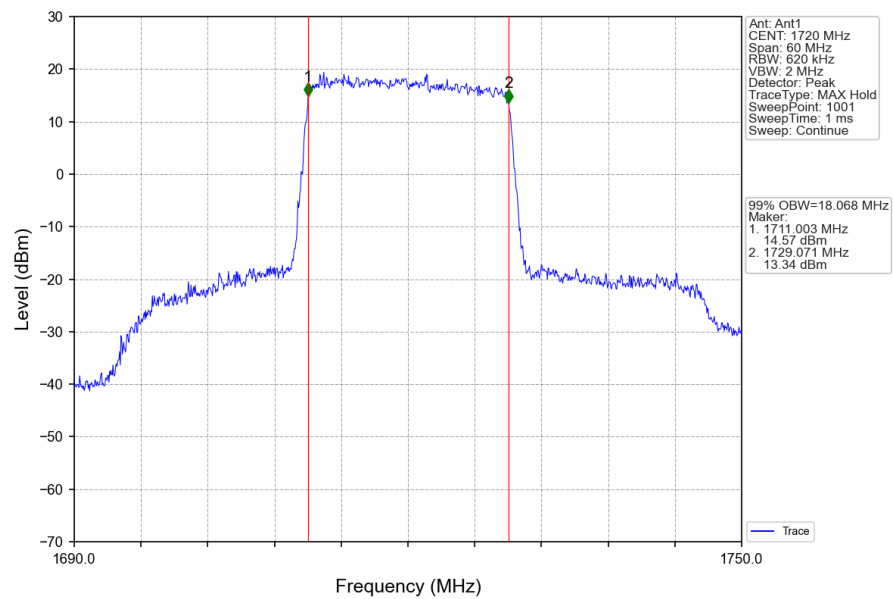
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



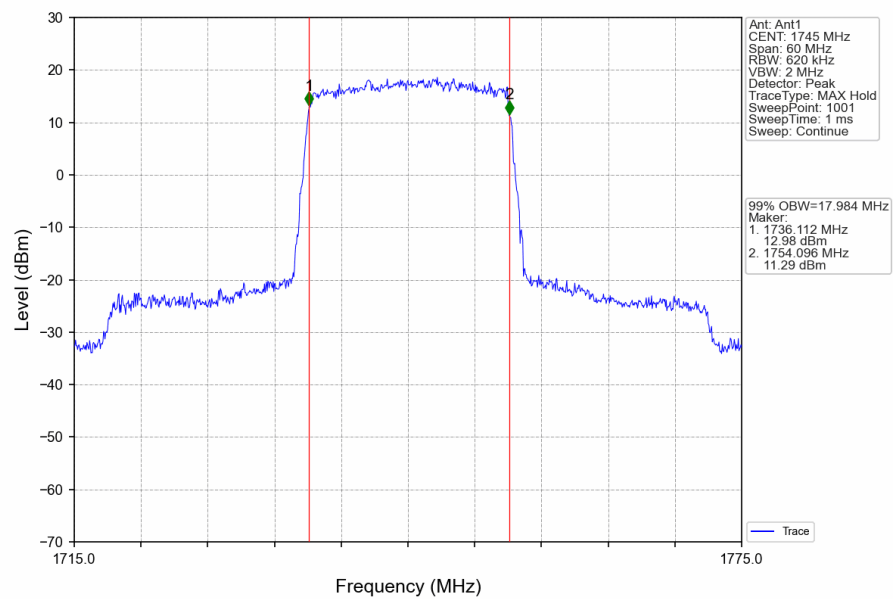
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



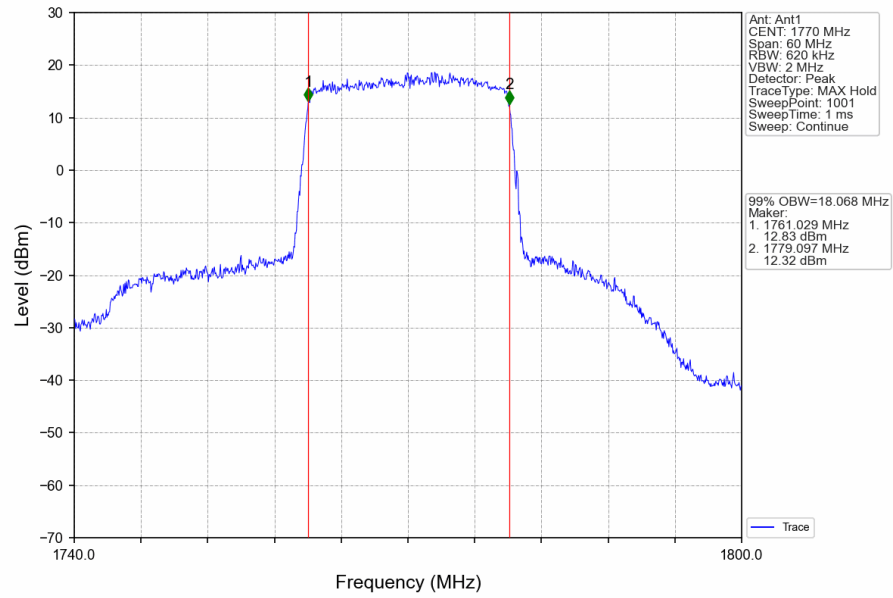
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



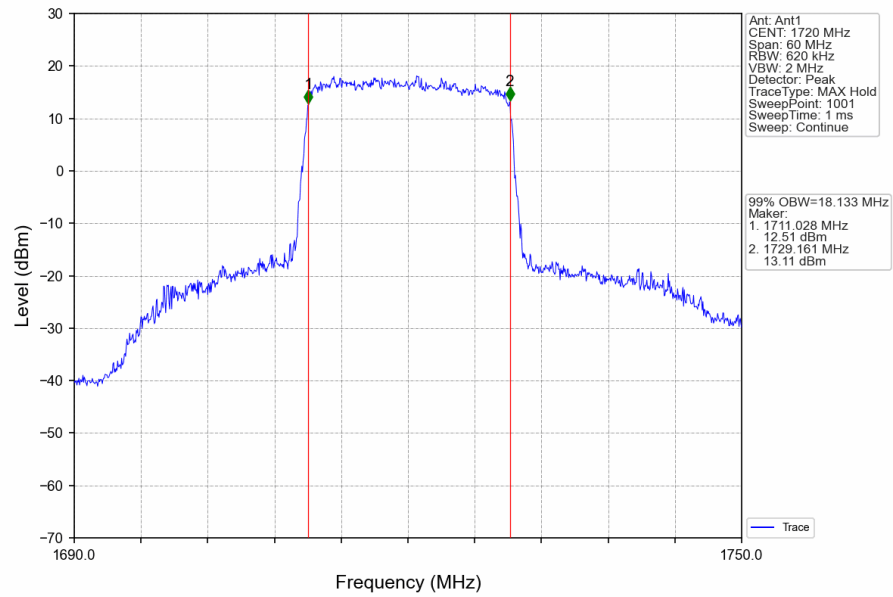
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



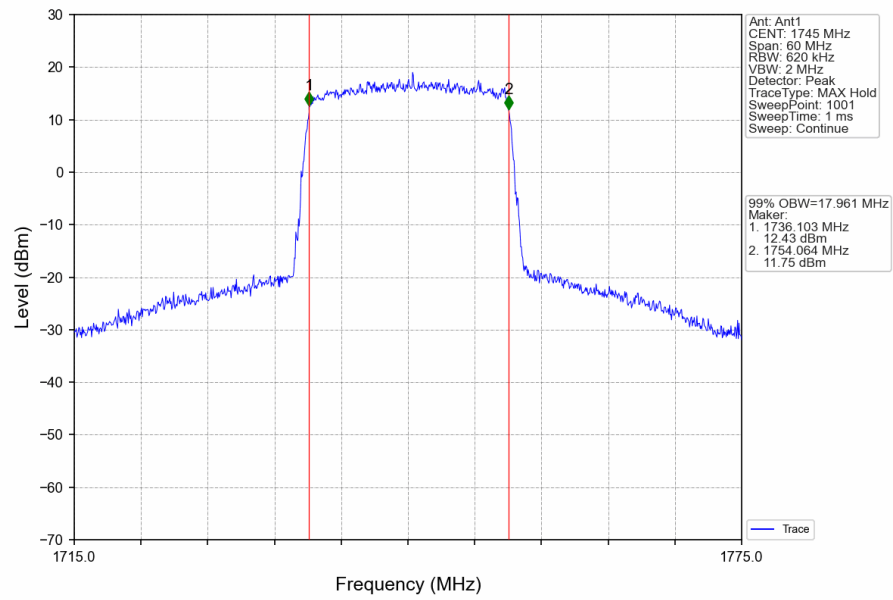
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



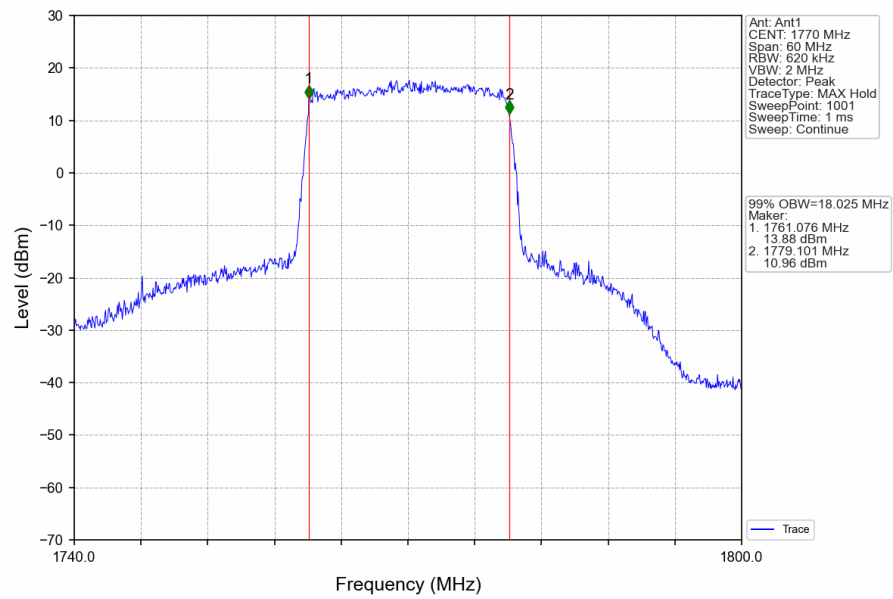
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

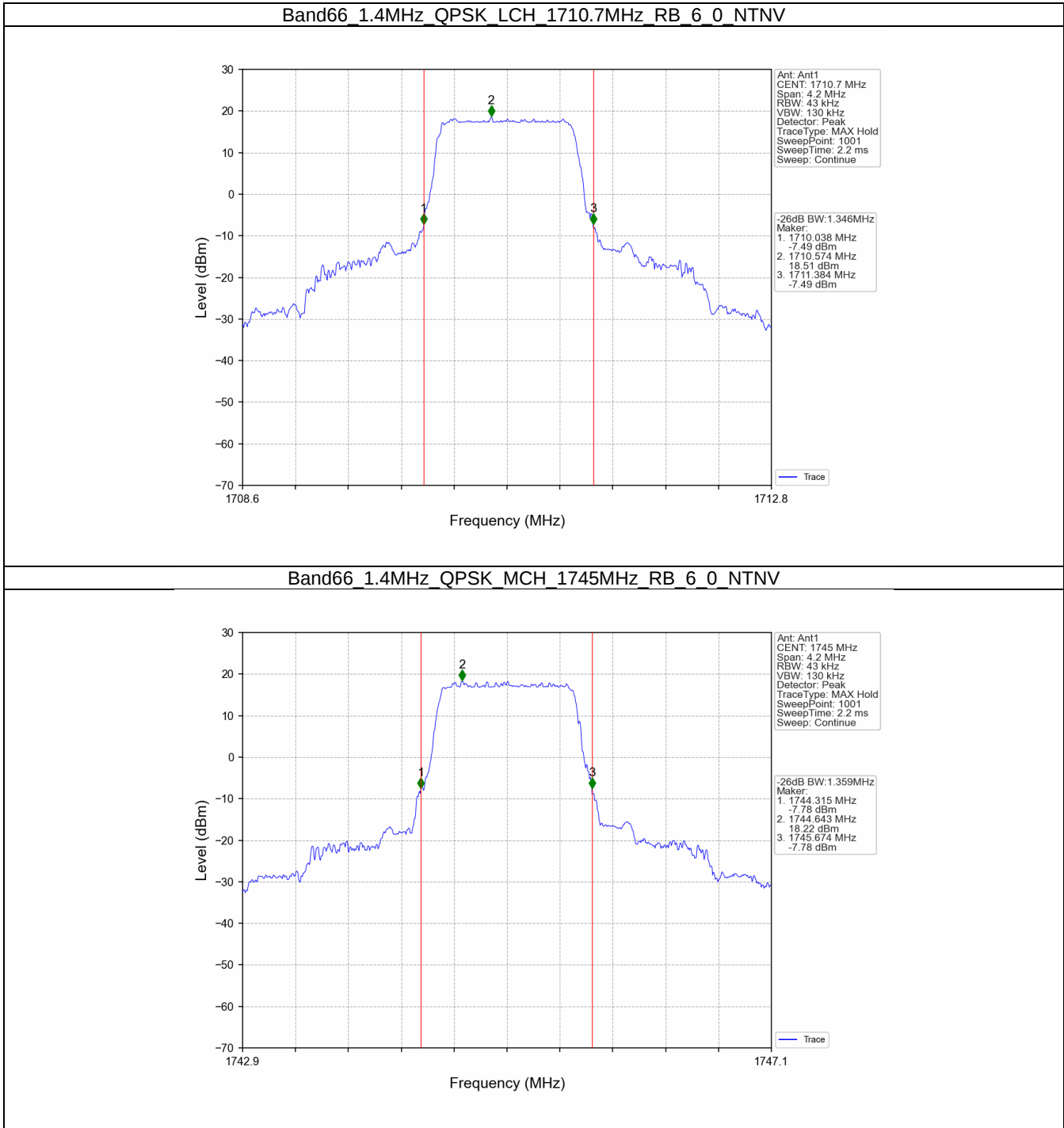


3.2 Band66_XDB

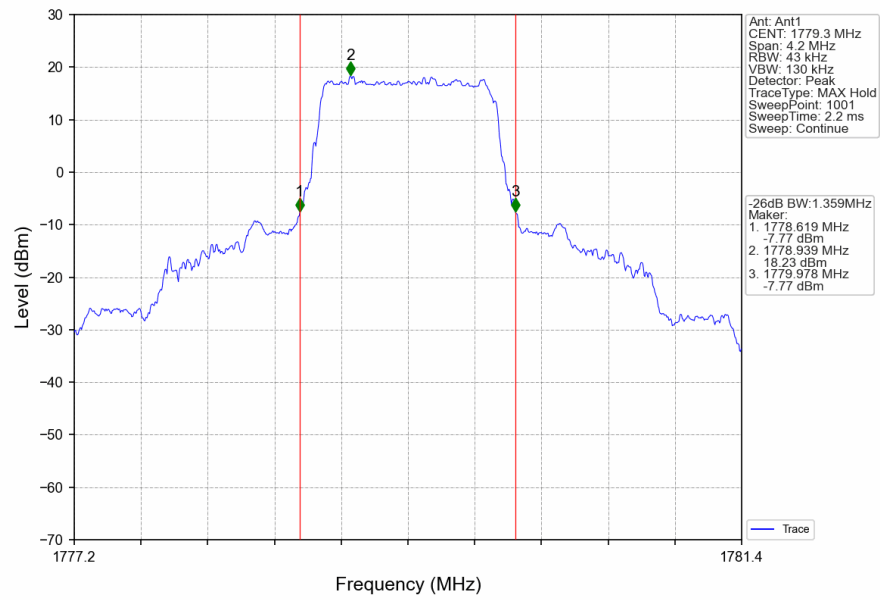
3.2.1 Test Result

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	1.346	/	Pass
		1745	6	0	1.359	/	Pass
		1779.3	6	0	1.359	/	Pass
	16QAM	1710.7	6	0	1.349	/	Pass
		1745	6	0	1.315	/	Pass
		1779.3	6	0	1.385	/	Pass
3	QPSK	1711.5	15	0	3.082	/	Pass
		1745	15	0	3.078	/	Pass
		1778.5	15	0	3.062	/	Pass
	16QAM	1711.5	15	0	3.092	/	Pass
		1745	15	0	3.074	/	Pass
		1778.5	15	0	3.083	/	Pass
5	QPSK	1712.5	25	0	5.106	/	Pass
		1745	25	0	5.104	/	Pass
		1777.5	25	0	5.104	/	Pass
	16QAM	1712.5	25	0	5.093	/	Pass
		1745	25	0	5.109	/	Pass
		1777.5	25	0	5.139	/	Pass
10	QPSK	1715	50	0	10.086	/	Pass
		1745	50	0	10.022	/	Pass
		1775	50	0	10.020	/	Pass
	16QAM	1715	50	0	9.989	/	Pass
		1745	50	0	9.963	/	Pass
		1775	50	0	10.051	/	Pass
15	QPSK	1717.5	75	0	15.121	/	Pass
		1745	75	0	14.903	/	Pass
		1772.5	75	0	15.019	/	Pass
	16QAM	1717.5	75	0	14.957	/	Pass
		1745	75	0	14.918	/	Pass
		1772.5	75	0	14.930	/	Pass
20	QPSK	1720	100	0	19.832	/	Pass
		1745	100	0	19.798	/	Pass
		1770	100	0	19.841	/	Pass
	16QAM	1720	100	0	19.841	/	Pass
		1745	100	0	19.642	/	Pass
		1770	100	0	19.784	/	Pass

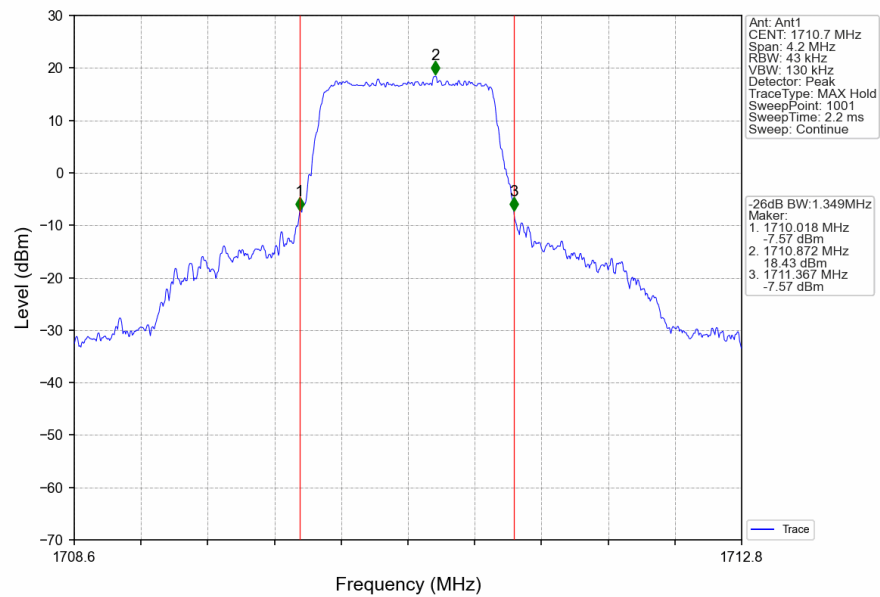
3.2.2 Test Graph



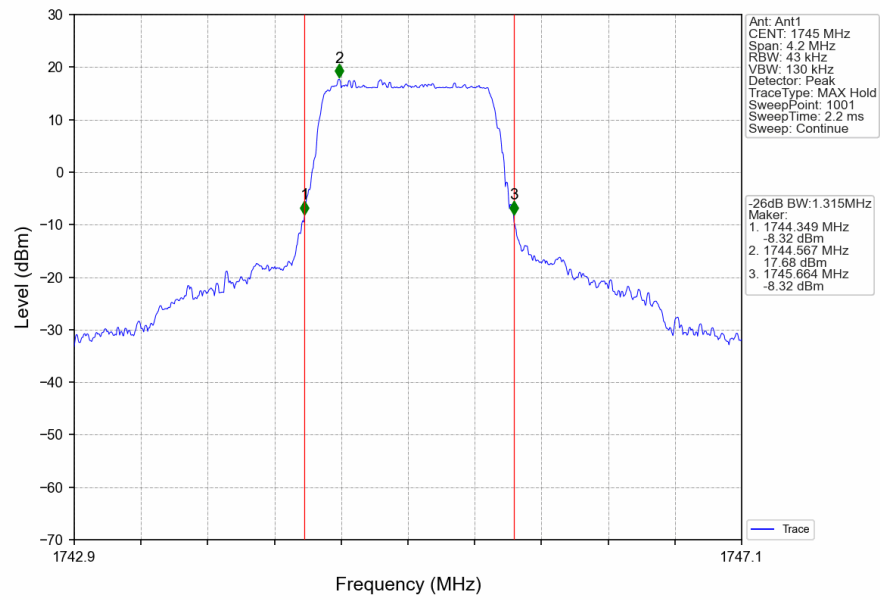
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



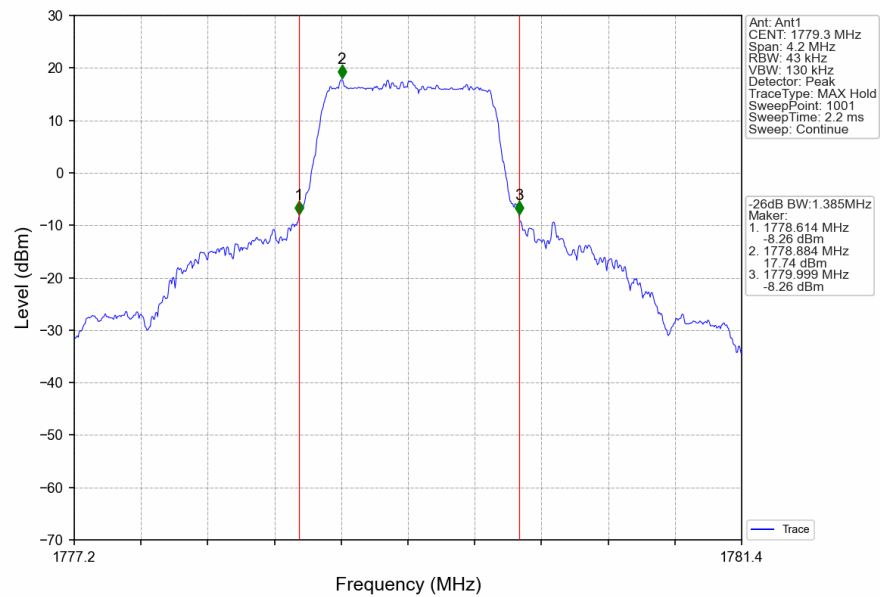
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



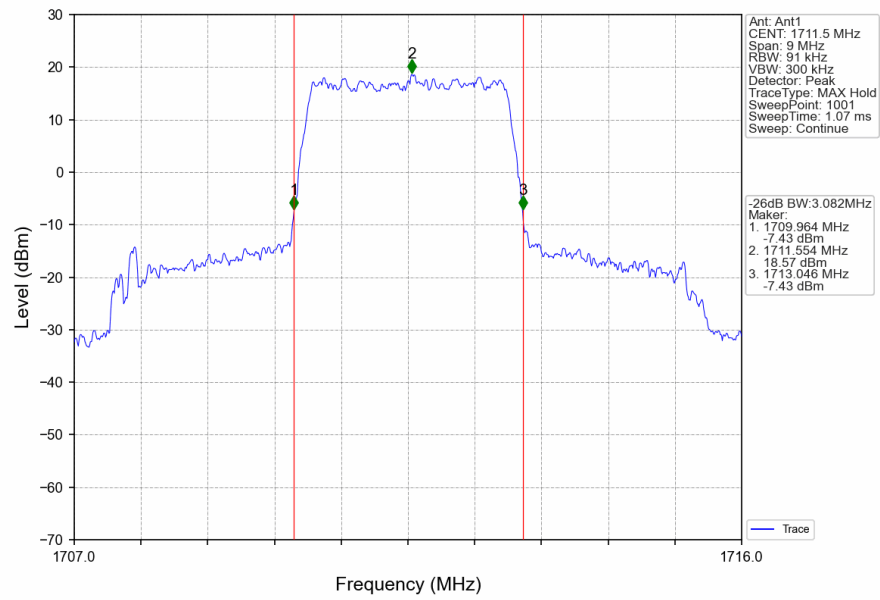
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



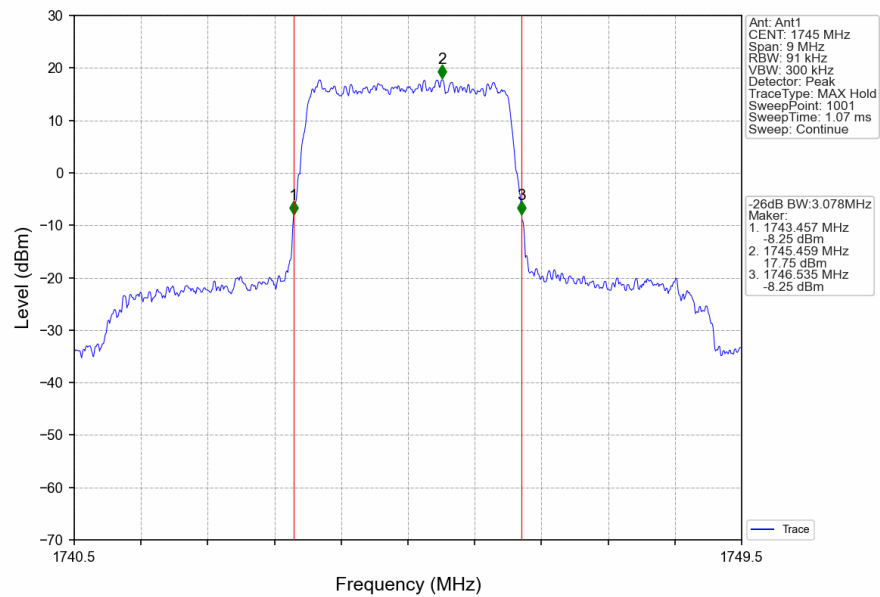
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



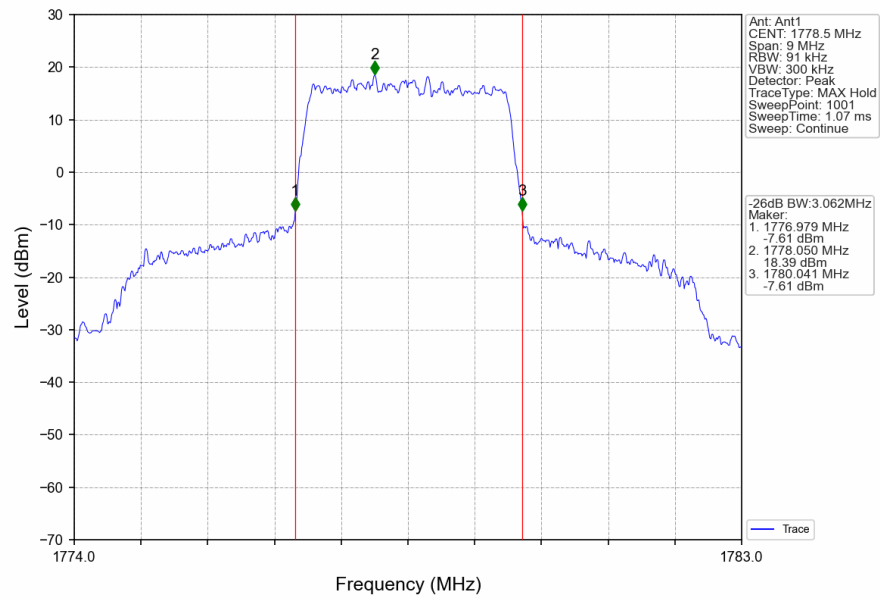
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



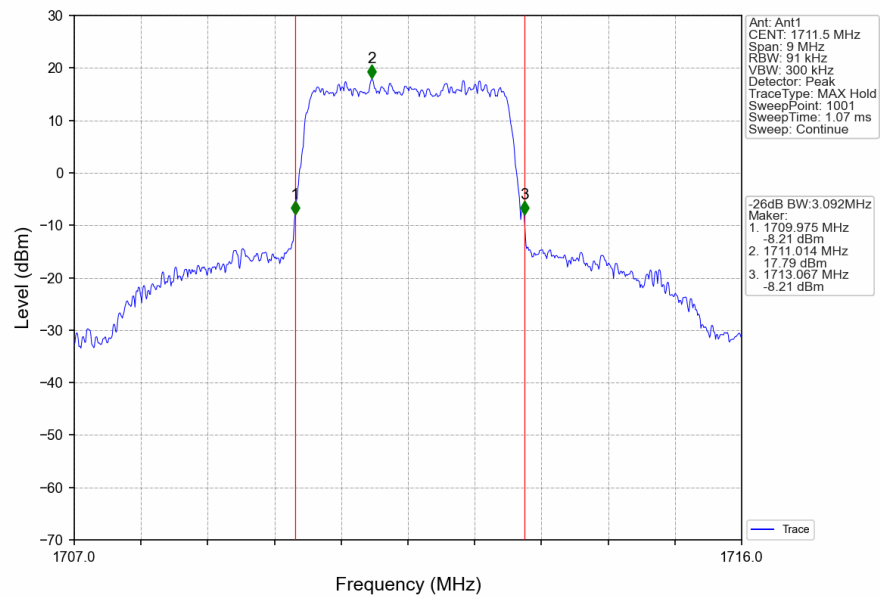
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



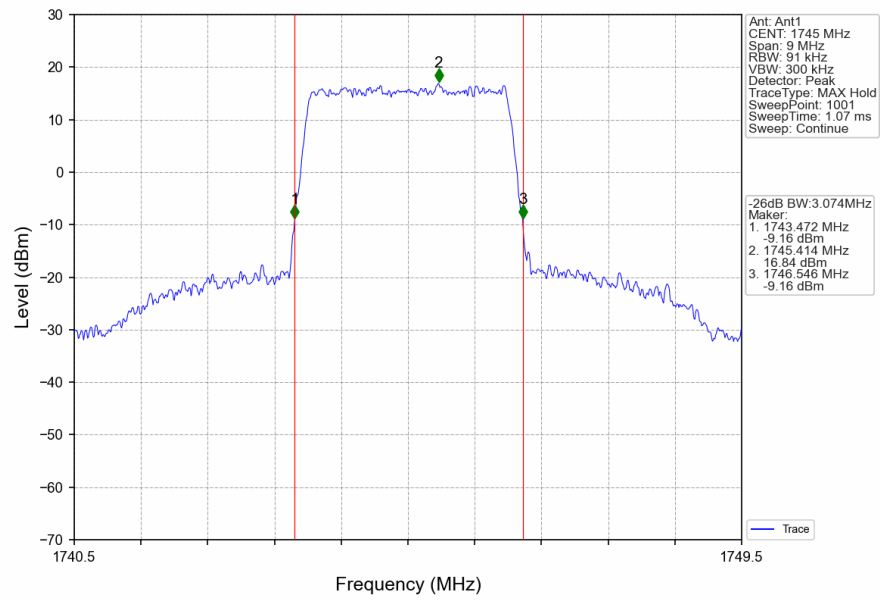
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



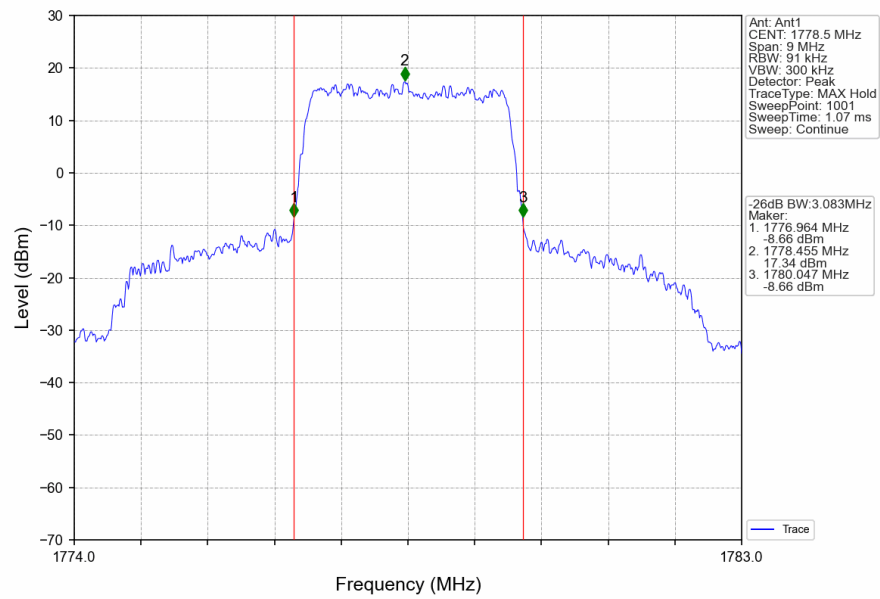
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



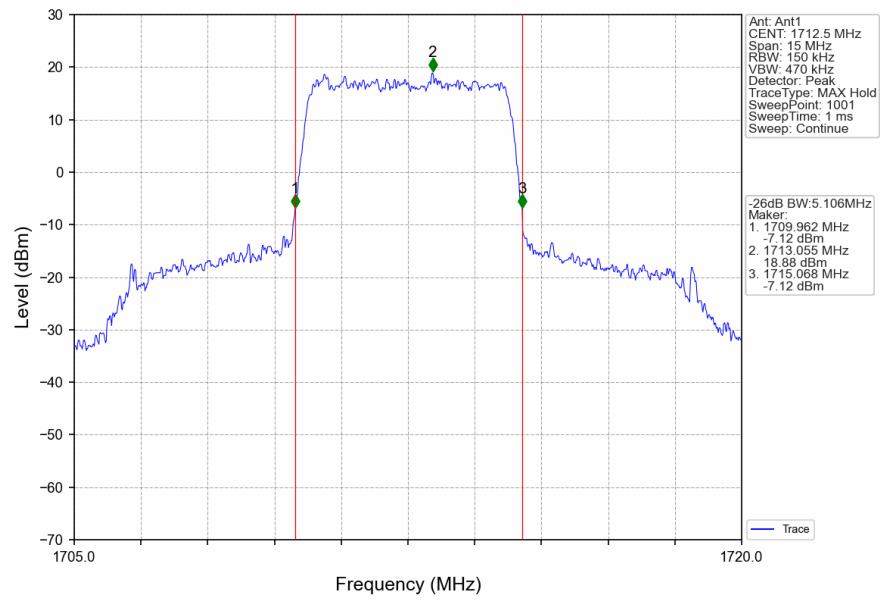
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



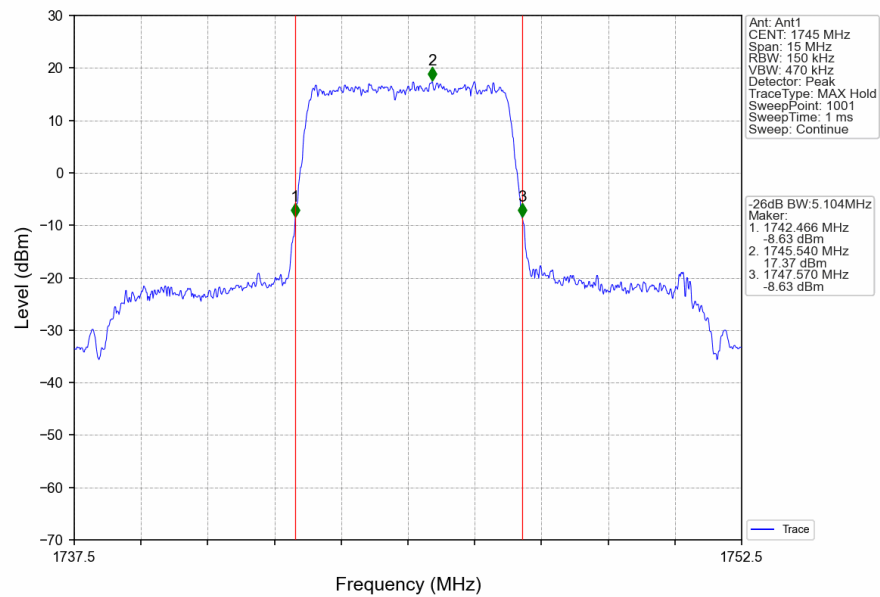
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



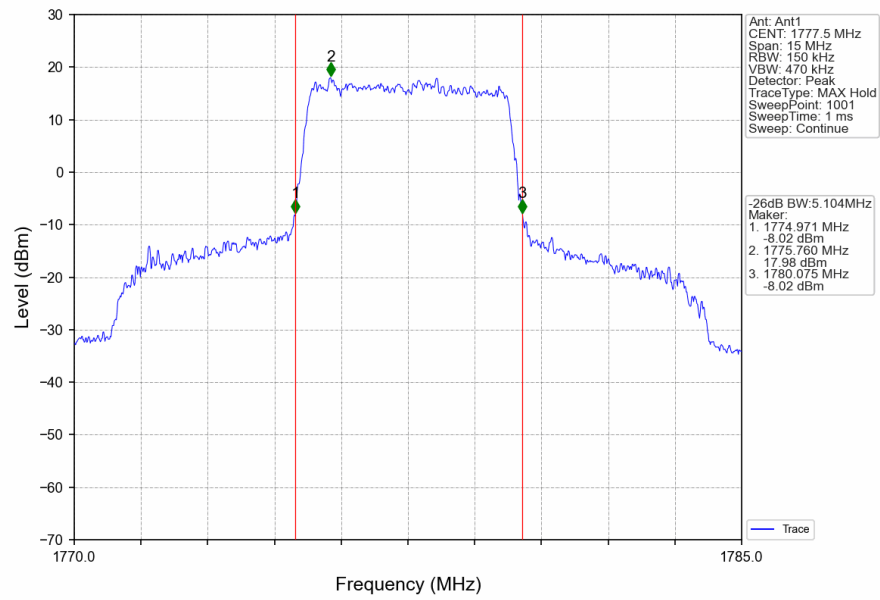
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



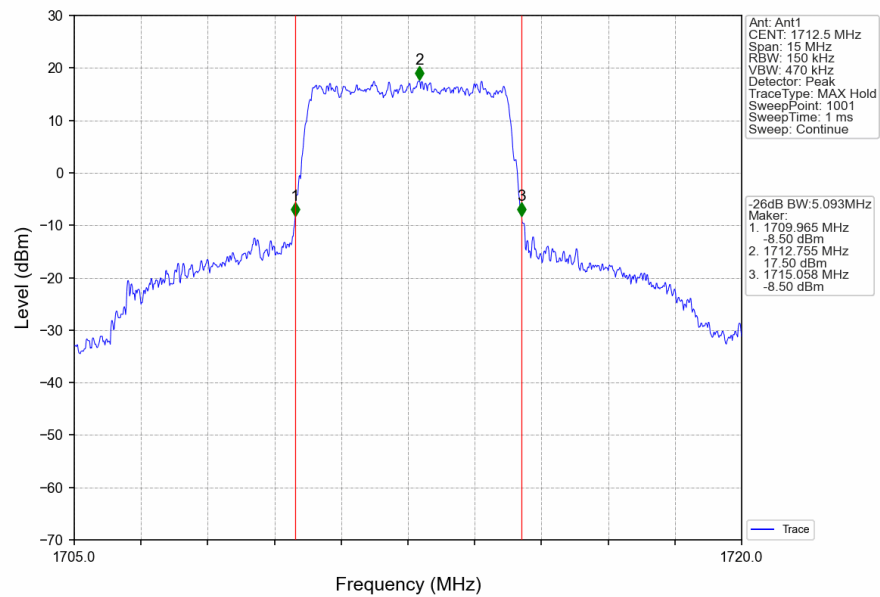
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



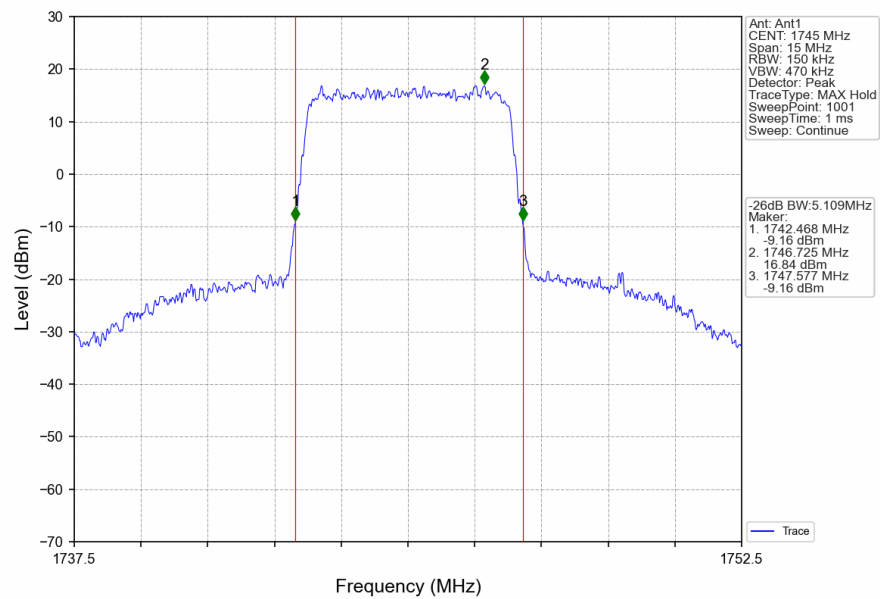
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



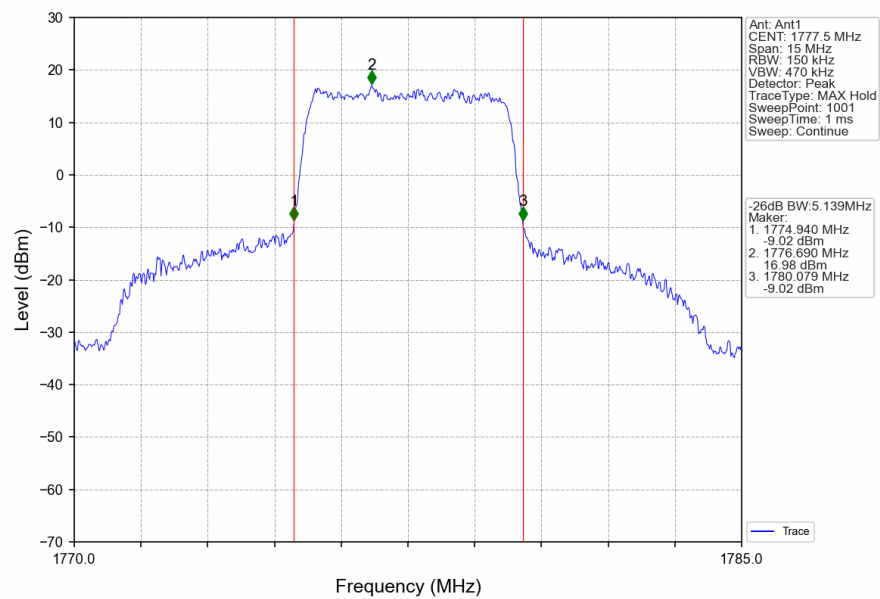
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



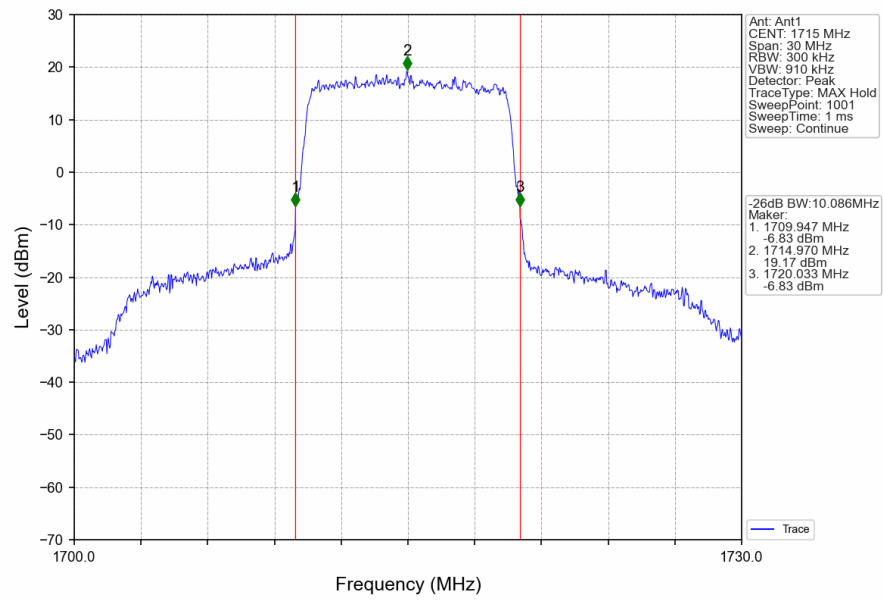
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



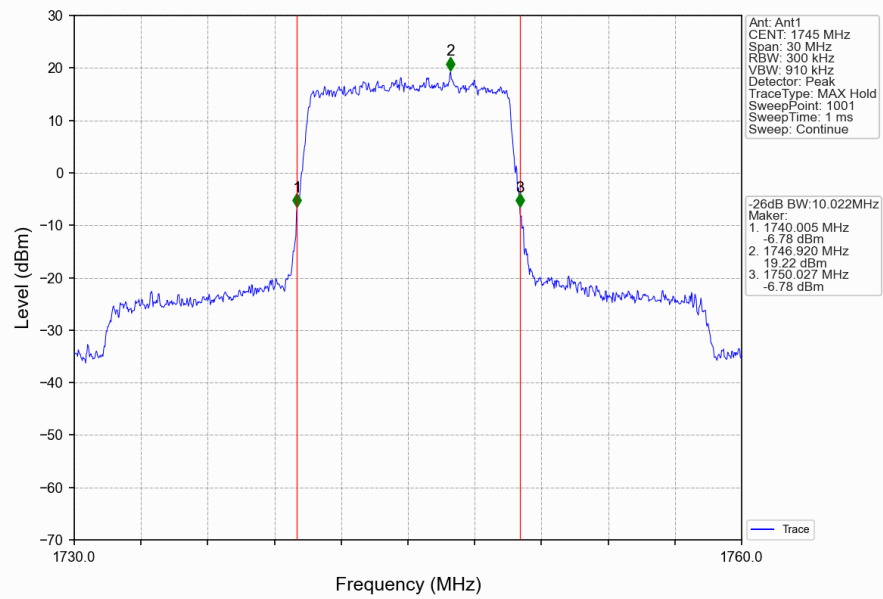
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



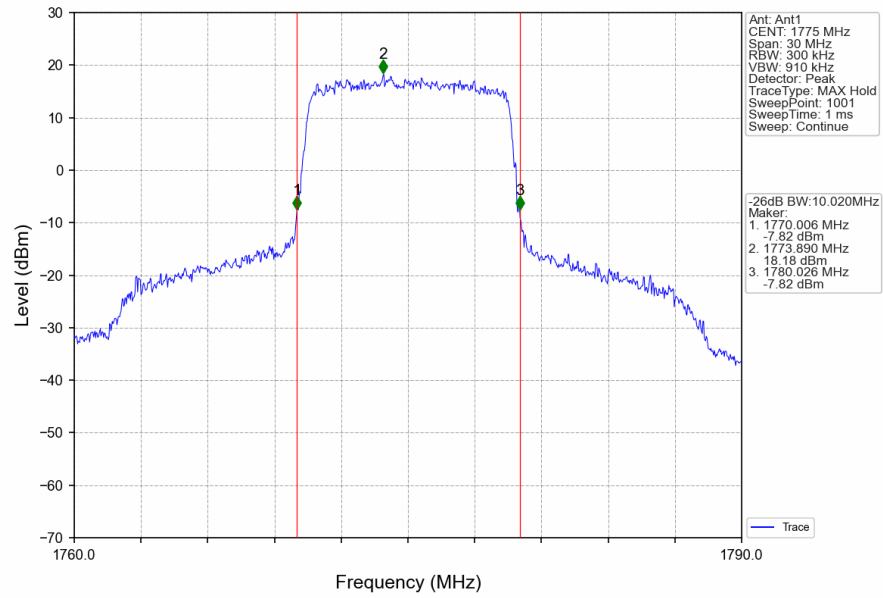
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



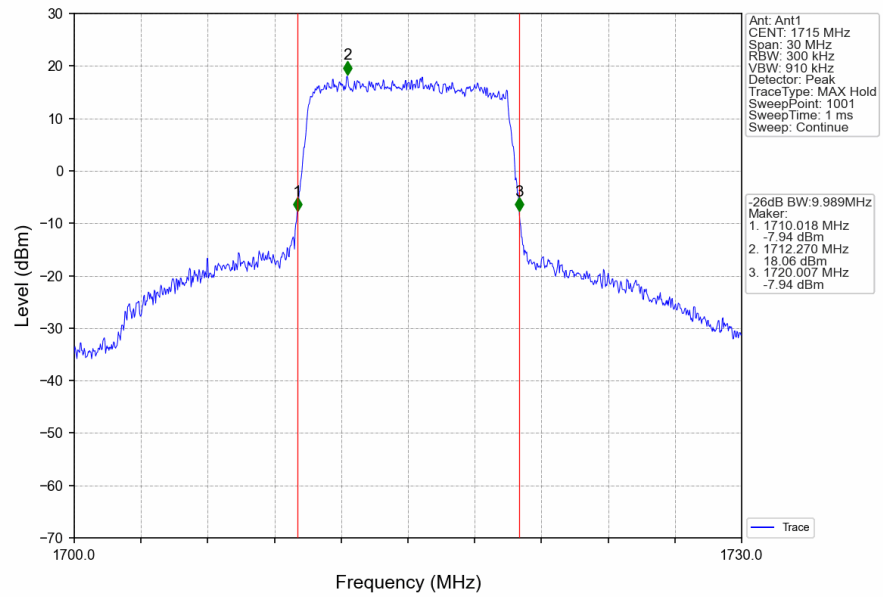
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



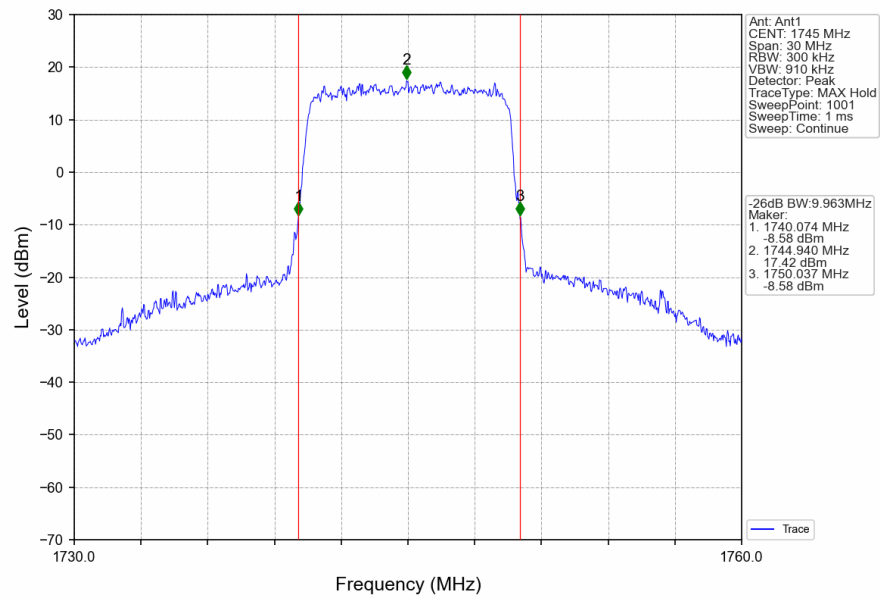
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



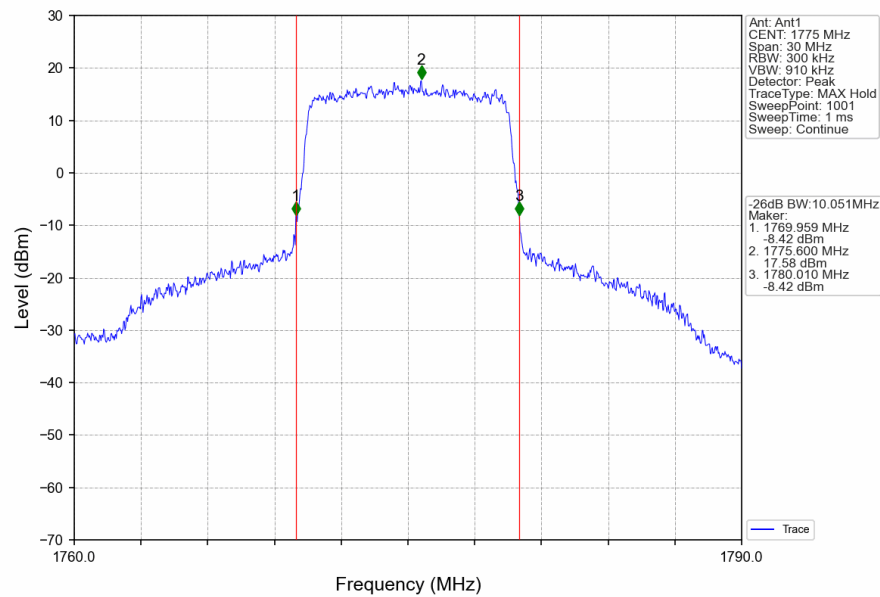
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



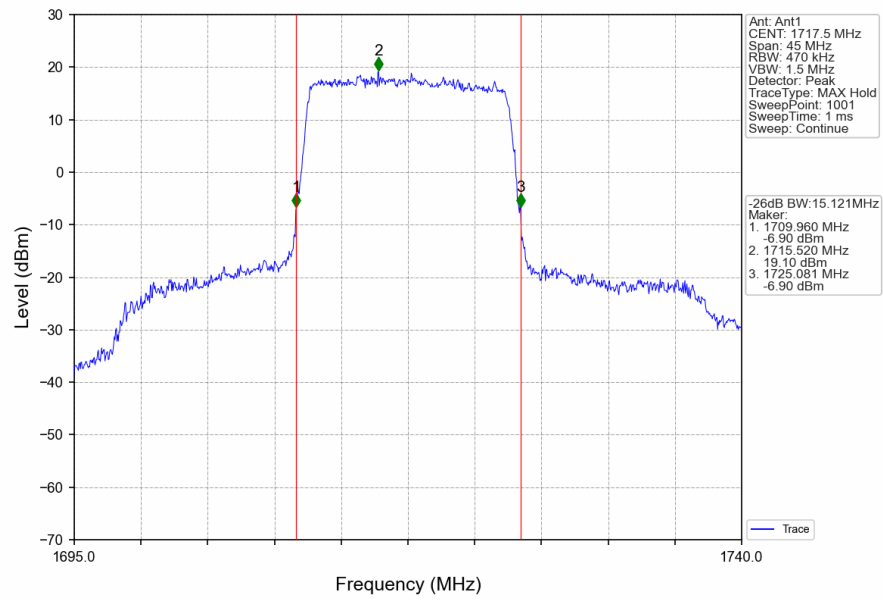
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



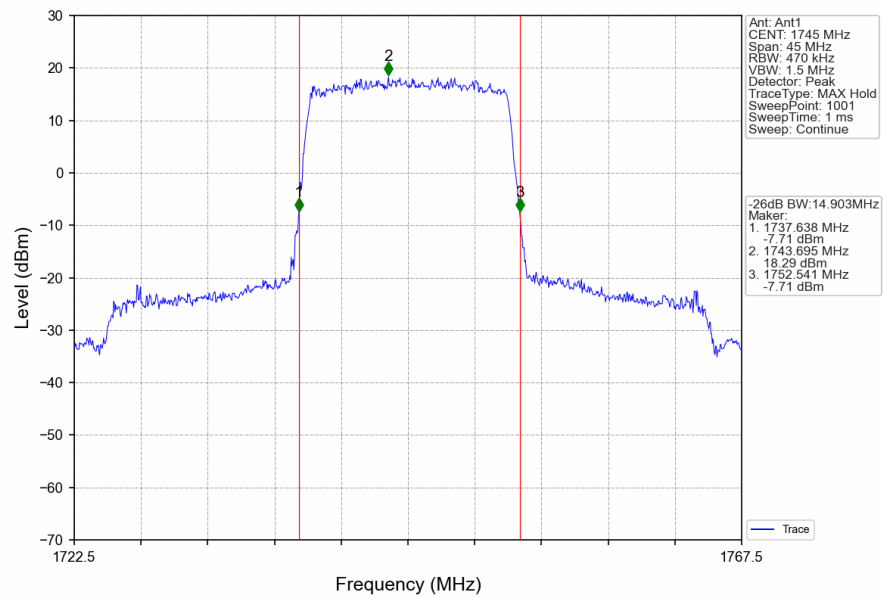
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



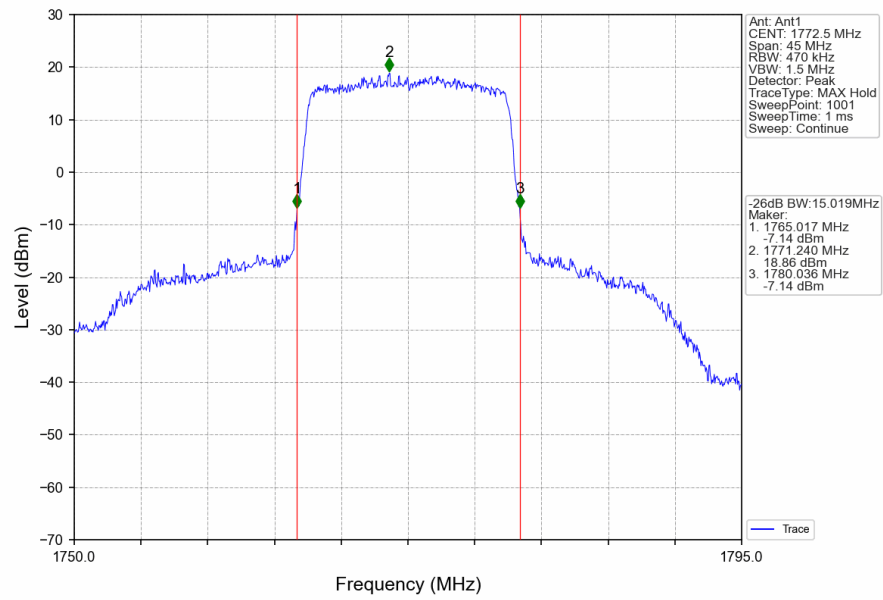
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



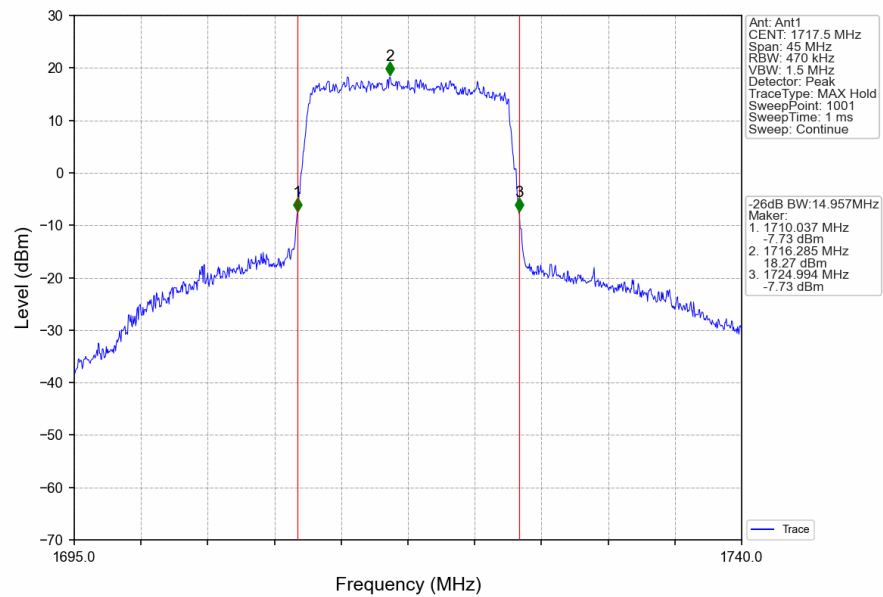
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



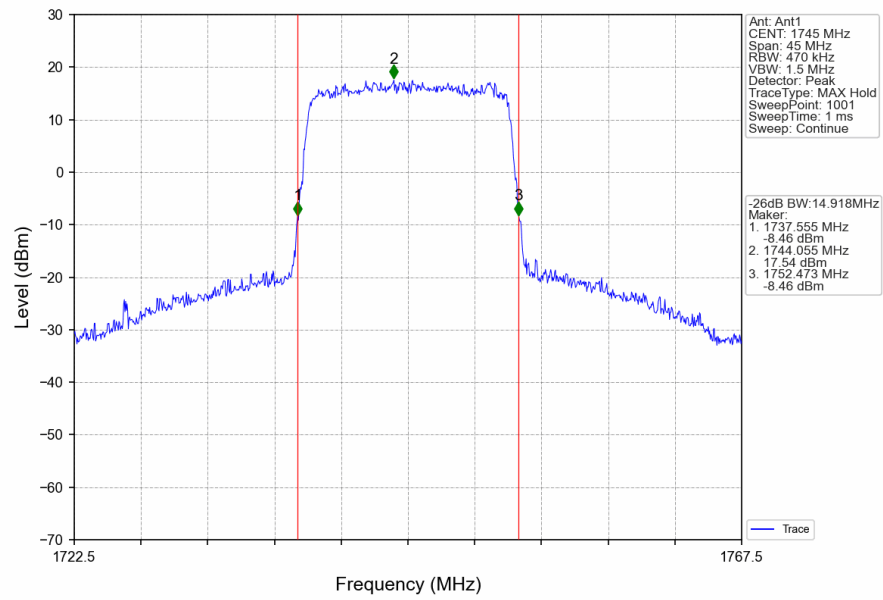
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



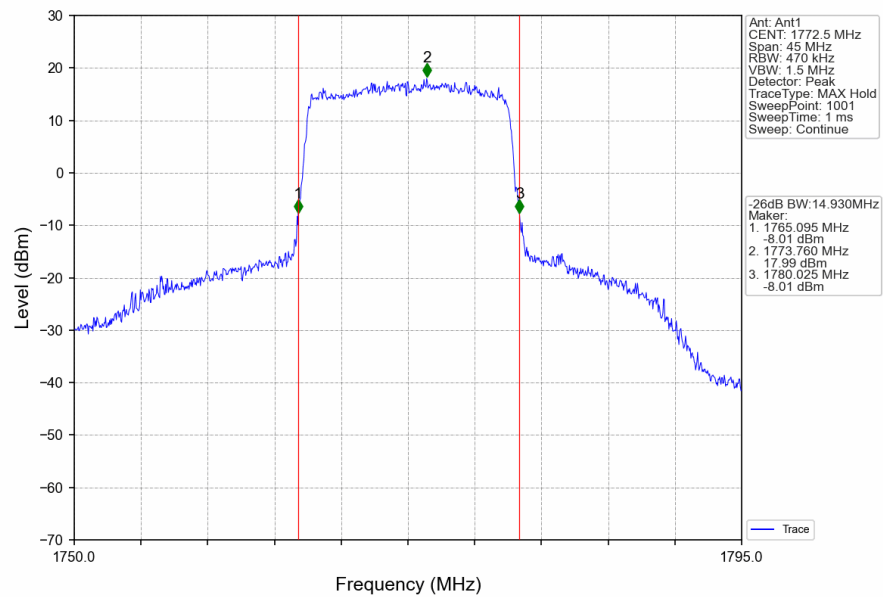
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



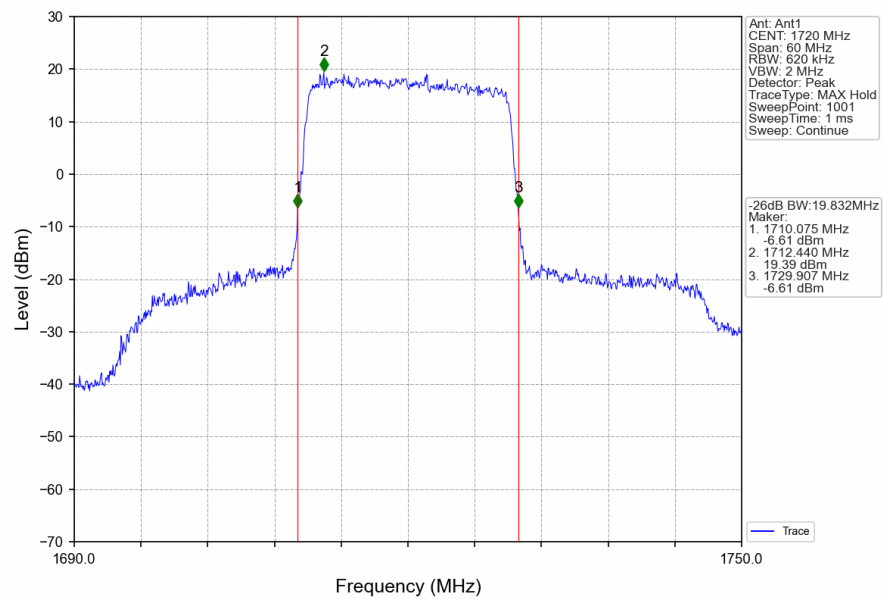
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



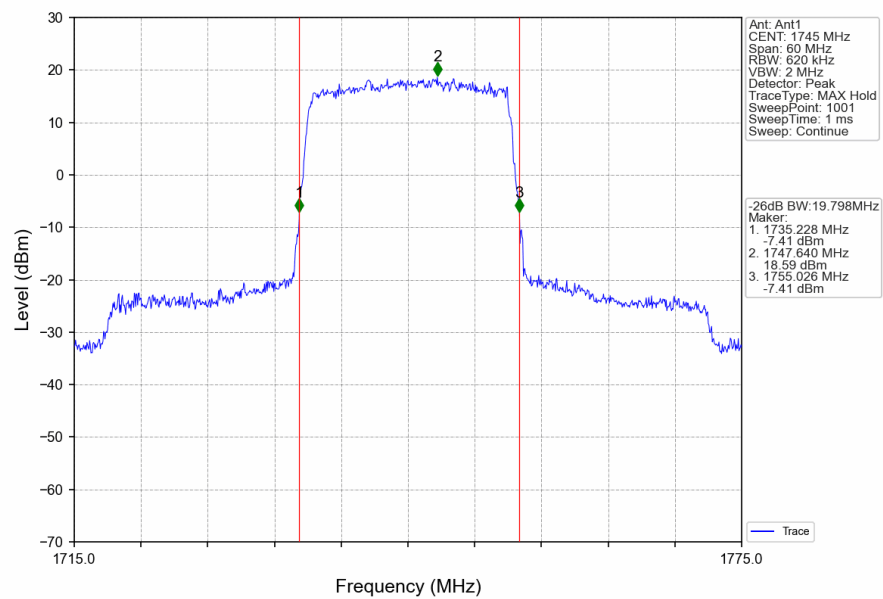
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



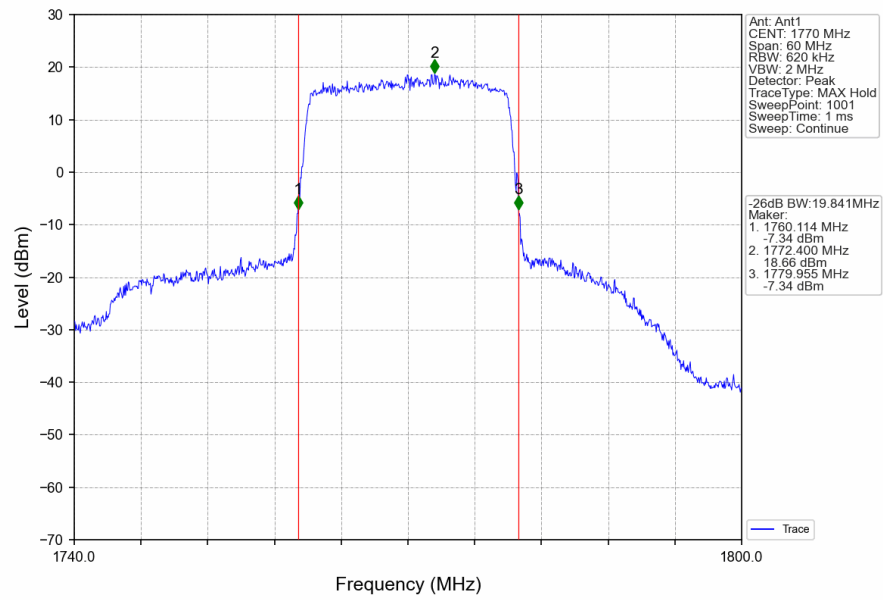
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



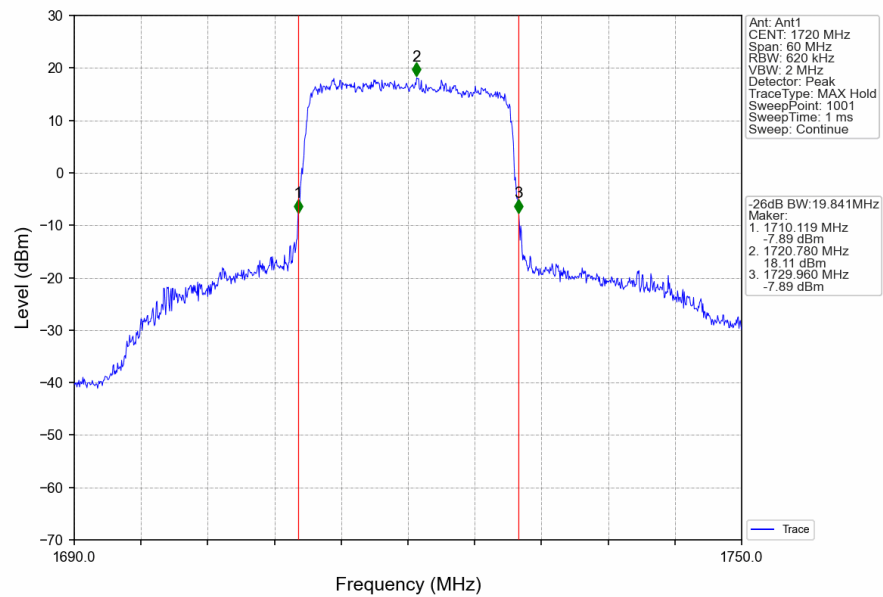
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



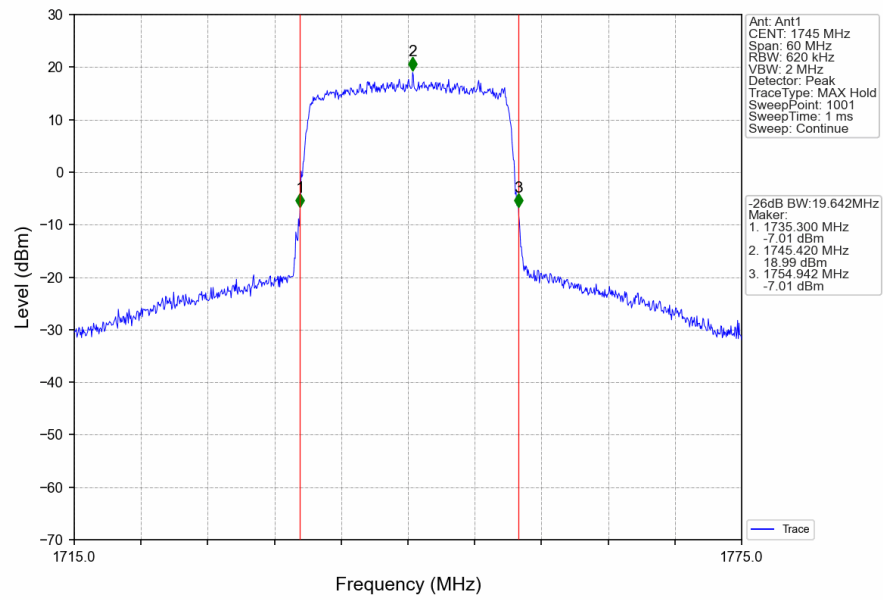
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



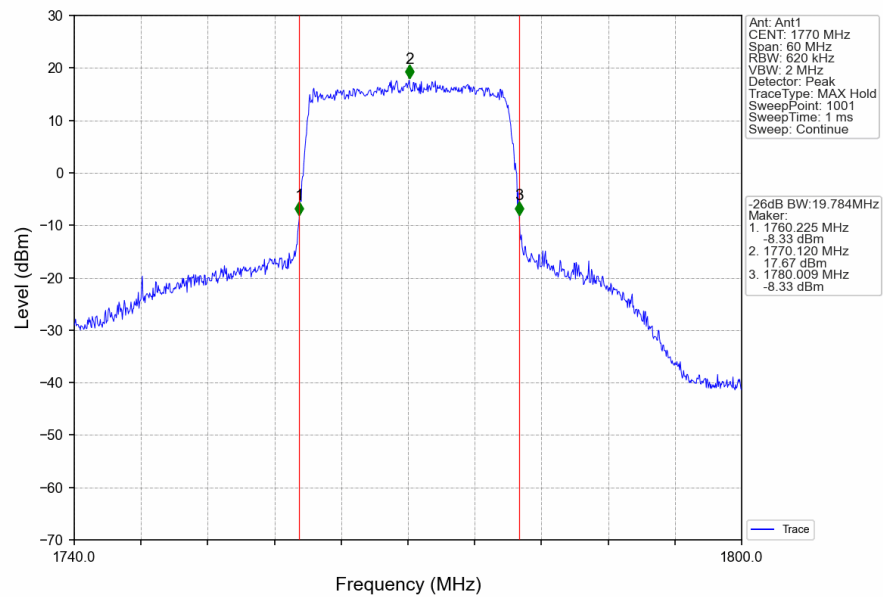
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



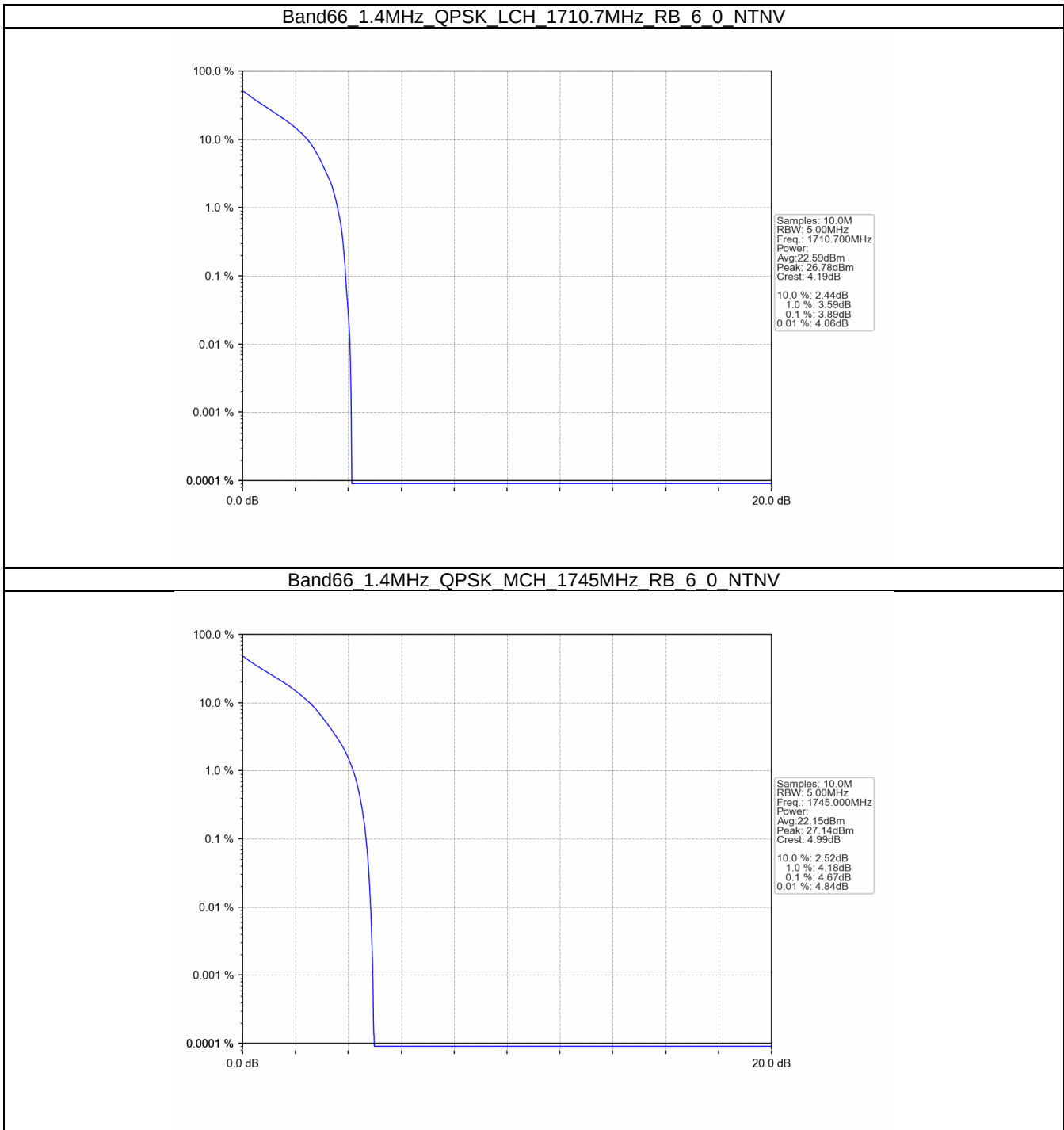
4. Peak-Average Ratio

4.1 B66_1.4MHz

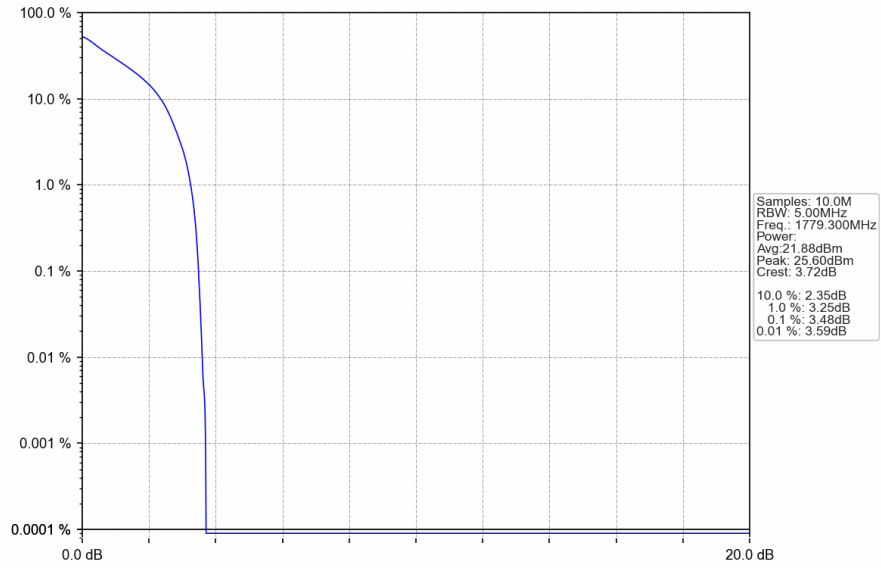
4.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	3.89	<=13	Pass
	1745	6	0	4.67	<=13	Pass
	1779.3	6	0	3.48	<=13	Pass
16QAM	1710.7	6	0	4.72	<=13	Pass
	1745	6	0	5.58	<=13	Pass
	1779.3	6	0	4.26	<=13	Pass

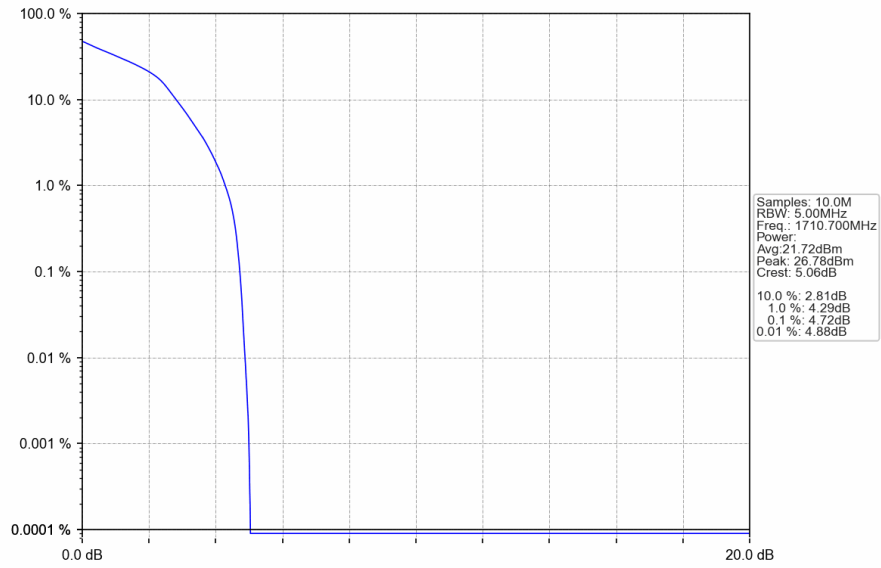
4.1.2 Test Graph



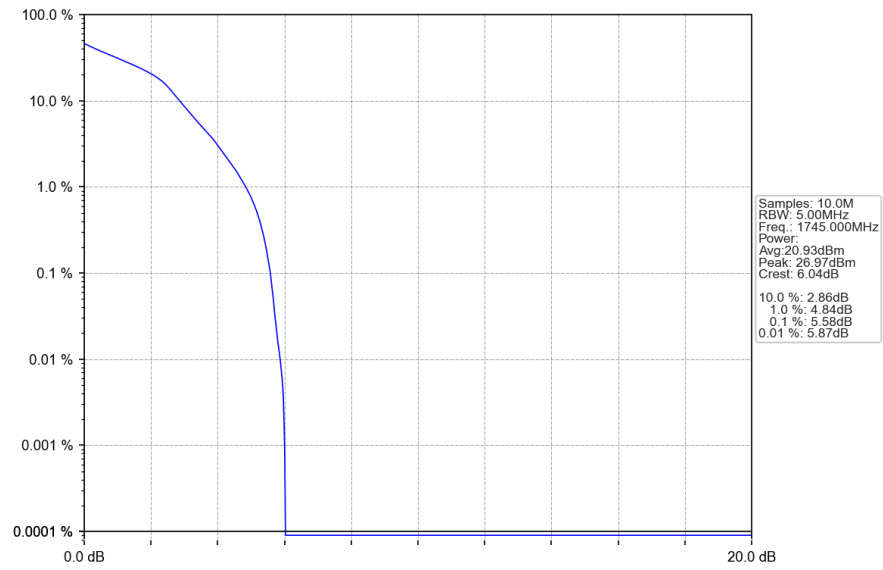
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



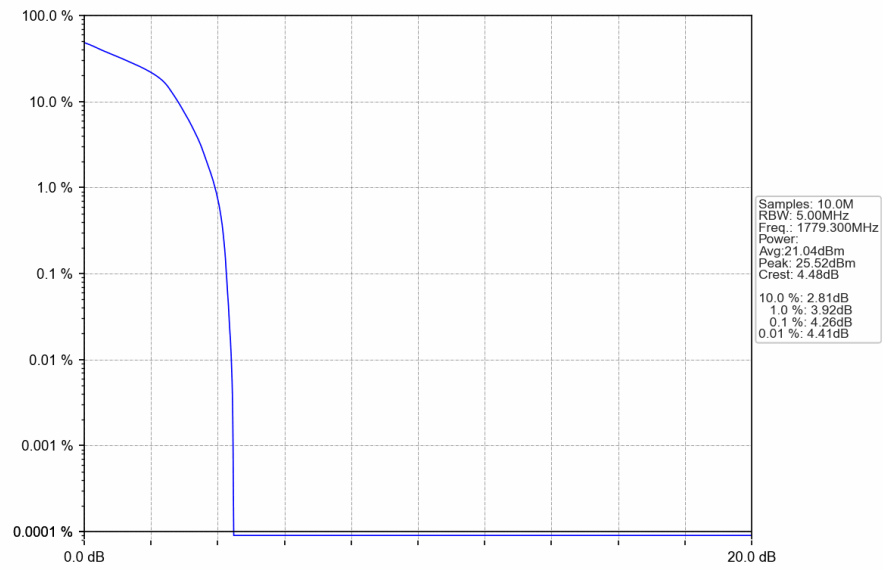
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



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



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

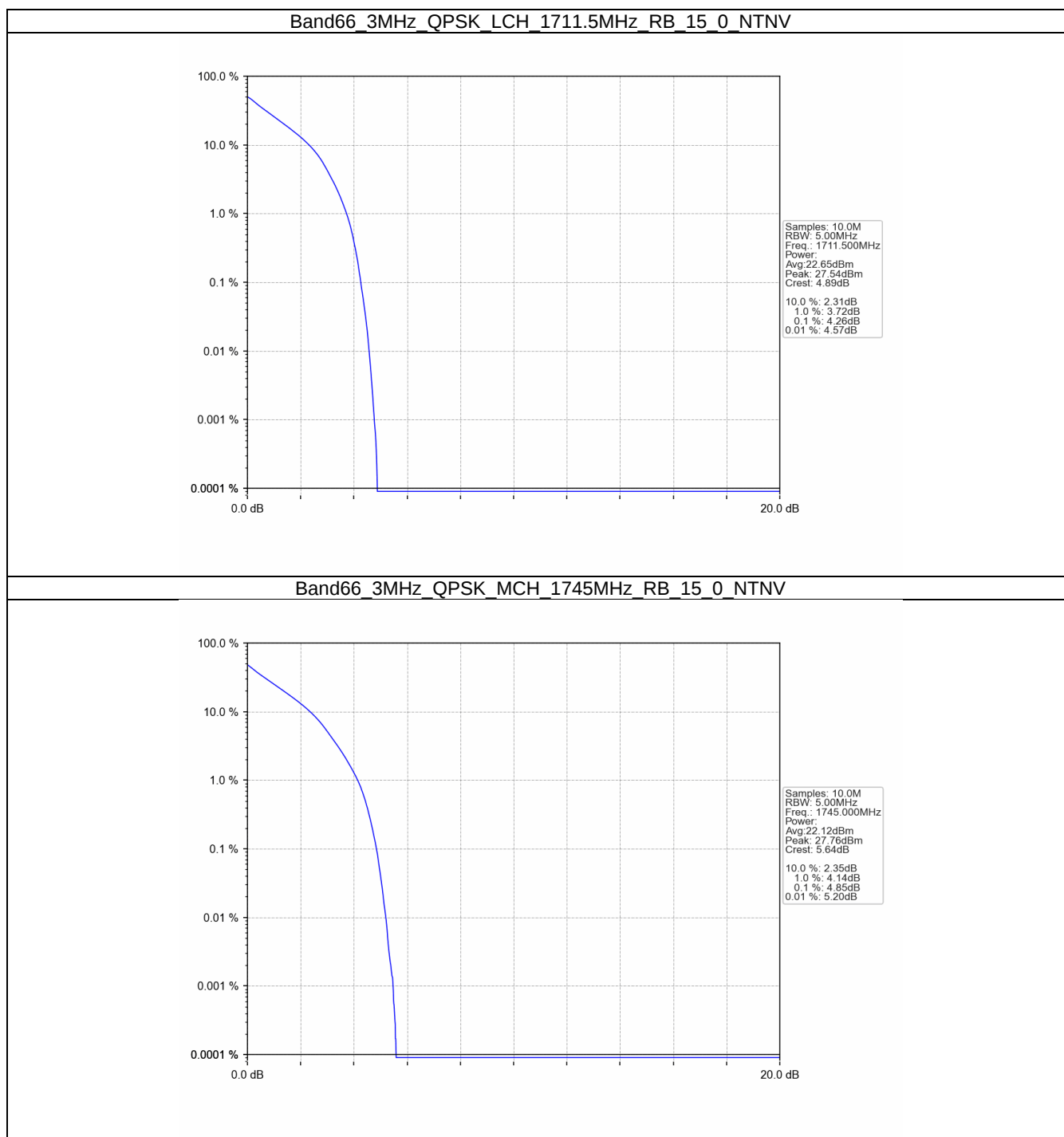


4.2 B66_3MHz

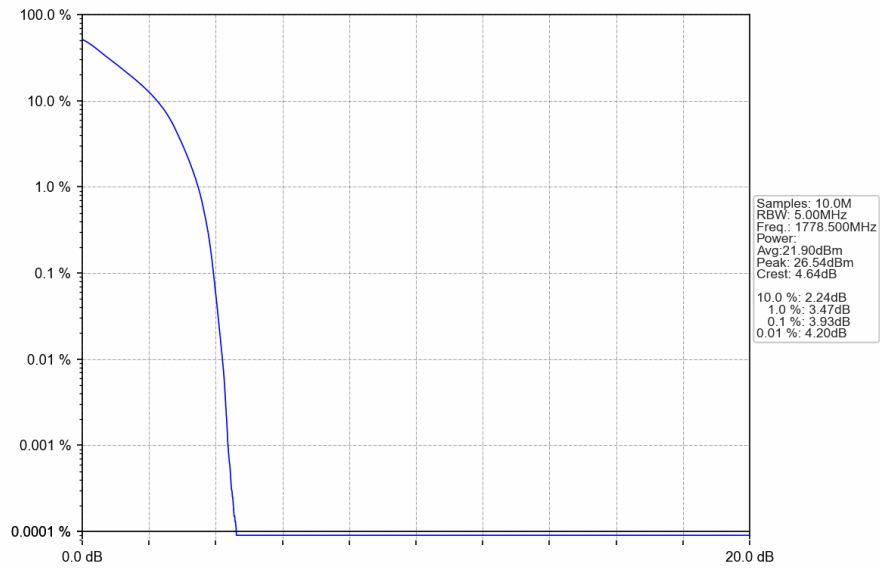
4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.26	<=13	Pass
	1745	15	0	4.85	<=13	Pass
	1778.5	15	0	3.93	<=13	Pass
16QAM	1711.5	15	0	5.09	<=13	Pass
	1745	15	0	5.58	<=13	Pass
	1778.5	15	0	4.61	<=13	Pass

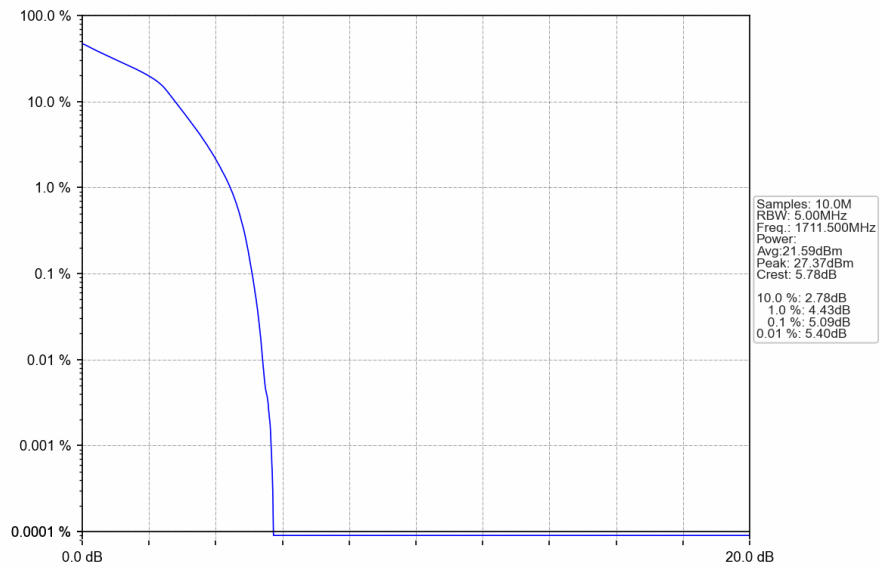
4.2.2 Test Graph



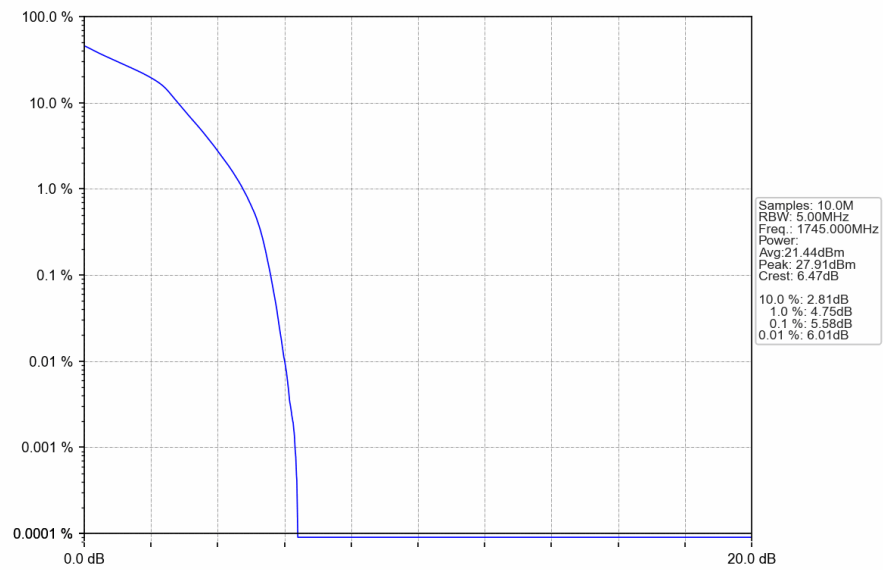
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



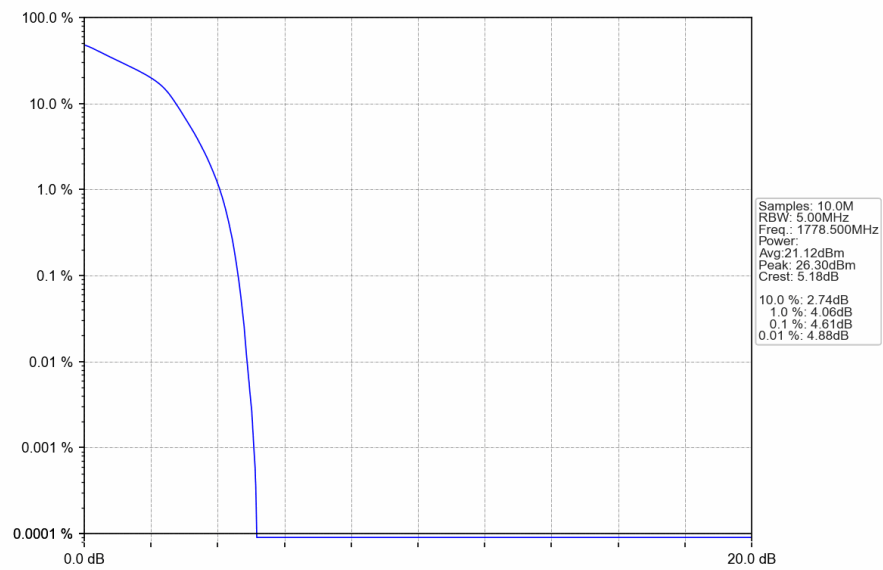
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



4.3 B66_5MHz

4.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.68	<=13	Pass
	1745	25	0	5.04	<=13	Pass
	1777.5	25	0	4.43	<=13	Pass
16QAM	1712.5	25	0	5.39	<=13	Pass
	1745	25	0	5.77	<=13	Pass
	1777.5	25	0	5.12	<=13	Pass