

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	23.04	-0.50	22.54	<=30	Pass
			2	23.09	-0.50	22.59	<=30	Pass
			5	23.10	-0.50	22.60	<=30	Pass
		3	0	23.15	-0.50	22.65	<=30	Pass
			2	23.30	-0.50	22.80	<=30	Pass
			3	23.11	-0.50	22.61	<=30	Pass
		6	0	22.23	-0.50	21.73	<=30	Pass
	1745	1	0	23.10	-0.50	22.60	<=30	Pass
			2	23.17	-0.50	22.67	<=30	Pass
			5	22.97	-0.50	22.47	<=30	Pass
		3	0	23.23	-0.50	22.73	<=30	Pass
			2	23.29	-0.50	22.79	<=30	Pass
			3	23.45	-0.50	22.95	<=30	Pass
		6	0	22.21	-0.50	21.71	<=30	Pass
	1779.3	1	0	23.28	-0.50	22.78	<=30	Pass
			2	23.12	-0.50	22.62	<=30	Pass
			5	23.03	-0.50	22.53	<=30	Pass
		3	0	23.11	-0.50	22.61	<=30	Pass
			2	23.08	-0.50	22.58	<=30	Pass
			3	23.03	-0.50	22.53	<=30	Pass
		6	0	22.07	-0.50	21.57	<=30	Pass
16QAM	1710.7	1	0	22.47	-0.50	21.97	<=30	Pass
			2	22.54	-0.50	22.04	<=30	Pass
			5	22.50	-0.50	22.00	<=30	Pass
		3	0	22.48	-0.50	21.98	<=30	Pass
			2	22.34	-0.50	21.84	<=30	Pass
			3	22.19	-0.50	21.69	<=30	Pass
		6	0	21.27	-0.50	20.77	<=30	Pass
	1745	1	0	22.09	-0.50	21.59	<=30	Pass
			2	22.24	-0.50	21.74	<=30	Pass
			5	22.22	-0.50	21.72	<=30	Pass
		3	0	22.17	-0.50	21.67	<=30	Pass
			2	22.20	-0.50	21.70	<=30	Pass
			3	22.16	-0.50	21.66	<=30	Pass
		6	0	21.16	-0.50	20.66	<=30	Pass
	1779.3	1	0	22.25	-0.50	21.75	<=30	Pass
			2	22.29	-0.50	21.79	<=30	Pass
			5	22.10	-0.50	21.60	<=30	Pass
		3	0	22.14	-0.50	21.64	<=30	Pass
			2	22.24	-0.50	21.74	<=30	Pass
			3	22.21	-0.50	21.71	<=30	Pass
		6	0	21.05	-0.50	20.55	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.48	-0.50	22.98	<=30	Pass
			7	23.34	-0.50	22.84	<=30	Pass
			14	23.34	-0.50	22.84	<=30	Pass
		8	0	22.24	-0.50	21.74	<=30	Pass
			4	22.16	-0.50	21.66	<=30	Pass
			7	22.12	-0.50	21.62	<=30	Pass
		15	0	22.22	-0.50	21.72	<=30	Pass
	1745	1	0	23.02	-0.50	22.52	<=30	Pass
			7	23.06	-0.50	22.56	<=30	Pass
			14	22.88	-0.50	22.38	<=30	Pass
		8	0	22.04	-0.50	21.54	<=30	Pass
			4	22.04	-0.50	21.54	<=30	Pass
			7	21.90	-0.50	21.40	<=30	Pass
	15	0	22.02	-0.50	21.52	<=30	Pass	
	1778.5	1	0	22.89	-0.50	22.39	<=30	Pass
			7	22.99	-0.50	22.49	<=30	Pass
			14	23.04	-0.50	22.54	<=30	Pass
		8	0	21.93	-0.50	21.43	<=30	Pass
			4	22.03	-0.50	21.53	<=30	Pass
			7	22.04	-0.50	21.54	<=30	Pass
		15	0	21.99	-0.50	21.49	<=30	Pass
16QAM		1711.5	1	0	21.59	-0.50	21.09	<=30
	7			22.66	-0.50	22.16	<=30	Pass
	14			22.62	-0.50	22.12	<=30	Pass
	8		0	21.12	-0.50	20.62	<=30	Pass
			4	20.88	-0.50	20.38	<=30	Pass
			7	20.74	-0.50	20.24	<=30	Pass
	15		0	20.84	-0.50	20.34	<=30	Pass
	1745	1	0	22.25	-0.50	21.75	<=30	Pass
			7	22.03	-0.50	21.53	<=30	Pass
			14	22.17	-0.50	21.67	<=30	Pass
		8	0	20.99	-0.50	20.49	<=30	Pass
			4	20.82	-0.50	20.32	<=30	Pass
			7	20.77	-0.50	20.27	<=30	Pass
	15	0	20.88	-0.50	20.38	<=30	Pass	
	1778.5	1	0	21.67	-0.50	21.17	<=30	Pass
			7	21.88	-0.50	21.38	<=30	Pass
			14	21.82	-0.50	21.32	<=30	Pass
		8	0	20.90	-0.50	20.40	<=30	Pass
			4	20.98	-0.50	20.48	<=30	Pass
			7	21.48	-0.50	20.98	<=30	Pass
		15	0	21.12	-0.50	20.62	<=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	23.17	-0.50	22.67	<=30	Pass
			13	22.90	-0.50	22.40	<=30	Pass
			24	22.86	-0.50	22.36	<=30	Pass
		12	0	22.21	-0.50	21.71	<=30	Pass
			6	22.24	-0.50	21.74	<=30	Pass
			13	22.06	-0.50	21.56	<=30	Pass
		25	0	22.19	-0.50	21.69	<=30	Pass
	1745	1	0	22.81	-0.50	22.31	<=30	Pass
			13	22.87	-0.50	22.37	<=30	Pass
			24	23.15	-0.50	22.65	<=30	Pass
		12	0	22.11	-0.50	21.61	<=30	Pass
			6	22.12	-0.50	21.62	<=30	Pass
			13	22.03	-0.50	21.53	<=30	Pass
		25	0	22.07	-0.50	21.57	<=30	Pass
	1777.5	1	0	22.69	-0.50	22.19	<=30	Pass
			13	22.95	-0.50	22.45	<=30	Pass
			24	22.99	-0.50	22.49	<=30	Pass
		12	0	21.82	-0.50	21.32	<=30	Pass
			6	22.02	-0.50	21.52	<=30	Pass
			13	21.94	-0.50	21.44	<=30	Pass
		25	0	21.93	-0.50	21.43	<=30	Pass
16QAM	1712.5	1	0	21.21	-0.50	20.71	<=30	Pass
			13	21.05	-0.50	20.55	<=30	Pass
			24	21.39	-0.50	20.89	<=30	Pass
		12	0	21.11	-0.50	20.61	<=30	Pass
			6	20.95	-0.50	20.45	<=30	Pass
			13	20.78	-0.50	20.28	<=30	Pass
		25	0	20.93	-0.50	20.43	<=30	Pass
	1745	1	0	22.12	-0.50	21.62	<=30	Pass
			13	22.23	-0.50	21.73	<=30	Pass
			24	22.38	-0.50	21.88	<=30	Pass
		12	0	20.93	-0.50	20.43	<=30	Pass
			6	20.98	-0.50	20.48	<=30	Pass
			13	20.86	-0.50	20.36	<=30	Pass
		25	0	20.84	-0.50	20.34	<=30	Pass
	1777.5	1	0	21.57	-0.50	21.07	<=30	Pass
			13	21.63	-0.50	21.13	<=30	Pass
			24	21.72	-0.50	21.22	<=30	Pass
		12	0	20.50	-0.50	20.00	<=30	Pass
			6	20.82	-0.50	20.32	<=30	Pass
			13	20.85	-0.50	20.35	<=30	Pass
		25	0	20.77	-0.50	20.27	<=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	23.07	-0.50	22.57	<=30	Pass
			25	22.65	-0.50	22.15	<=30	Pass
			49	22.67	-0.50	22.17	<=30	Pass
		25	0	21.88	-0.50	21.38	<=30	Pass
			13	21.73	-0.50	21.23	<=30	Pass
			25	21.73	-0.50	21.23	<=30	Pass
		50	0	21.92	-0.50	21.42	<=30	Pass
	1745	1	0	22.96	-0.50	22.46	<=30	Pass
			25	22.91	-0.50	22.41	<=30	Pass
			49	22.57	-0.50	22.07	<=30	Pass
		25	0	21.95	-0.50	21.45	<=30	Pass
			13	21.93	-0.50	21.43	<=30	Pass
			25	21.68	-0.50	21.18	<=30	Pass
		50	0	21.88	-0.50	21.38	<=30	Pass
	1775	1	0	22.63	-0.50	22.13	<=30	Pass
			25	23.03	-0.50	22.53	<=30	Pass
			49	23.08	-0.50	22.58	<=30	Pass
		25	0	21.58	-0.50	21.08	<=30	Pass
			13	21.75	-0.50	21.25	<=30	Pass
			25	21.91	-0.50	21.41	<=30	Pass
		50	0	21.72	-0.50	21.22	<=30	Pass
16QAM	1715	1	0	22.19	-0.50	21.69	<=30	Pass
			25	22.08	-0.50	21.58	<=30	Pass
			49	21.90	-0.50	21.40	<=30	Pass
		25	0	20.81	-0.50	20.31	<=30	Pass
			13	20.67	-0.50	20.17	<=30	Pass
			25	20.60	-0.50	20.10	<=30	Pass
		50	0	20.73	-0.50	20.23	<=30	Pass
	1745	1	0	22.12	-0.50	21.62	<=30	Pass
			25	22.46	-0.50	21.96	<=30	Pass
			49	22.29	-0.50	21.79	<=30	Pass
		25	0	20.98	-0.50	20.48	<=30	Pass
			13	21.09	-0.50	20.59	<=30	Pass
			25	20.64	-0.50	20.14	<=30	Pass
		50	0	20.79	-0.50	20.29	<=30	Pass
	1775	1	0	21.56	-0.50	21.06	<=30	Pass
			25	21.48	-0.50	20.98	<=30	Pass
			49	21.67	-0.50	21.17	<=30	Pass
		25	0	20.54	-0.50	20.04	<=30	Pass
13			20.86	-0.50	20.36	<=30	Pass	
25			20.83	-0.50	20.33	<=30	Pass	
50		0	20.51	-0.50	20.01	<=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	22.94	-0.50	22.44	<=30	Pass
			38	22.47	-0.50	21.97	<=30	Pass
			74	22.61	-0.50	22.11	<=30	Pass
		36	0	21.47	-0.50	20.97	<=30	Pass
			18	21.53	-0.50	21.03	<=30	Pass
			39	21.53	-0.50	21.03	<=30	Pass
		75	0	21.51	-0.50	21.01	<=30	Pass
	1745	1	0	22.52	-0.50	22.02	<=30	Pass
			38	22.66	-0.50	22.16	<=30	Pass
			74	22.23	-0.50	21.73	<=30	Pass
		36	0	21.64	-0.50	21.14	<=30	Pass
			18	21.60	-0.50	21.10	<=30	Pass
			39	21.37	-0.50	20.87	<=30	Pass
		75	0	21.51	-0.50	21.01	<=30	Pass
	1772.5	1	0	22.28	-0.50	21.78	<=30	Pass
			38	22.33	-0.50	21.83	<=30	Pass
			74	22.55	-0.50	22.05	<=30	Pass
		36	0	21.40	-0.50	20.90	<=30	Pass
			18	21.51	-0.50	21.01	<=30	Pass
			39	21.55	-0.50	21.05	<=30	Pass
		75	0	21.38	-0.50	20.88	<=30	Pass
16QAM	1717.5	1	0	22.06	-0.50	21.56	<=30	Pass
			38	21.89	-0.50	21.39	<=30	Pass
			74	21.84	-0.50	21.34	<=30	Pass
		36	0	20.47	-0.50	19.97	<=30	Pass
			18	20.48	-0.50	19.98	<=30	Pass
			39	20.44	-0.50	19.94	<=30	Pass
		75	0	20.41	-0.50	19.91	<=30	Pass
	1745	1	0	22.32	-0.50	21.82	<=30	Pass
			38	21.89	-0.50	21.39	<=30	Pass
			74	21.95	-0.50	21.45	<=30	Pass
		36	0	20.71	-0.50	20.21	<=30	Pass
			18	20.66	-0.50	20.16	<=30	Pass
			39	20.39	-0.50	19.89	<=30	Pass
		75	0	20.64	-0.50	20.14	<=30	Pass
	1772.5	1	0	21.74	-0.50	21.24	<=30	Pass
			38	21.38	-0.50	20.88	<=30	Pass
			74	21.60	-0.50	21.10	<=30	Pass
		36	0	20.24	-0.50	19.74	<=30	Pass
			18	20.55	-0.50	20.05	<=30	Pass
			39	20.47	-0.50	19.97	<=30	Pass
		75	0	20.43	-0.50	19.93	<=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	22.57	-0.50	22.07	<=30	Pass
			50	22.53	-0.50	22.03	<=30	Pass
			99	22.50	-0.50	22.00	<=30	Pass
		50	0	21.46	-0.50	20.96	<=30	Pass
			25	21.46	-0.50	20.96	<=30	Pass
			50	21.44	-0.50	20.94	<=30	Pass
		100	0	21.43	-0.50	20.93	<=30	Pass
	1745	1	0	22.65	-0.50	22.15	<=30	Pass
			50	22.85	-0.50	22.35	<=30	Pass
			99	22.49	-0.50	21.99	<=30	Pass
		50	0	21.80	-0.50	21.30	<=30	Pass
			25	21.67	-0.50	21.17	<=30	Pass
			50	21.55	-0.50	21.05	<=30	Pass
		100	0	21.82	-0.50	21.32	<=30	Pass
	1770	1	0	22.47	-0.50	21.97	<=30	Pass
			50	22.60	-0.50	22.10	<=30	Pass
			99	22.74	-0.50	22.24	<=30	Pass
		50	0	21.53	-0.50	21.03	<=30	Pass
			25	21.66	-0.50	21.16	<=30	Pass
			50	21.60	-0.50	21.10	<=30	Pass
		100	0	21.50	-0.50	21.00	<=30	Pass
16QAM	1720	1	0	21.76	-0.50	21.26	<=30	Pass
			50	22.14	-0.50	21.64	<=30	Pass
			99	22.08	-0.50	21.58	<=30	Pass
		50	0	20.53	-0.50	20.03	<=30	Pass
			25	20.57	-0.50	20.07	<=30	Pass
			50	20.47	-0.50	19.97	<=30	Pass
		100	0	20.47	-0.50	19.97	<=30	Pass
	1745	1	0	21.63	-0.50	21.13	<=30	Pass
			50	21.66	-0.50	21.16	<=30	Pass
			99	20.96	-0.50	20.46	<=30	Pass
		50	0	20.90	-0.50	20.40	<=30	Pass
			25	20.63	-0.50	20.13	<=30	Pass
			50	20.49	-0.50	19.99	<=30	Pass
		100	0	20.79	-0.50	20.29	<=30	Pass
	1770	1	0	22.44	-0.50	21.94	<=30	Pass
			50	22.43	-0.50	21.93	<=30	Pass
			99	22.66	-0.50	22.16	<=30	Pass
		50	0	20.45	-0.50	19.95	<=30	Pass
25			20.67	-0.50	20.17	<=30	Pass	
50			20.62	-0.50	20.12	<=30	Pass	
100		0	20.58	-0.50	20.08	<=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	3.22	0.00	-2.5 to 2.5	Pass
					3.85	2.13	0.00	-2.5 to 2.5	Pass
					4.43	2.43	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.78	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.45	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.39	0.00	-2.5 to 2.5	Pass
				0	3.85	1.63	0.00	-2.5 to 2.5	Pass
				10	3.85	2.95	0.00	-2.5 to 2.5	Pass
				30	3.85	3.35	0.00	-2.5 to 2.5	Pass
				40	3.85	2.65	0.00	-2.5 to 2.5	Pass
				50	3.85	2.72	0.00	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-3.09	-0.00	-2.5 to 2.5	Pass
					3.85	-2.63	-0.00	-2.5 to 2.5	Pass
					4.43	-2.85	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.50	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.39	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.62	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.18	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.53	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.99	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.50	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	0.50	0.00	-2.5 to 2.5	Pass
					3.85	1.56	0.00	-2.5 to 2.5	Pass
					4.43	0.11	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.07	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.33	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.04	0.00	-2.5 to 2.5	Pass
				0	3.85	0.76	0.00	-2.5 to 2.5	Pass
				10	3.85	0.60	0.00	-2.5 to 2.5	Pass
				30	3.85	0.24	0.00	-2.5 to 2.5	Pass
				40	3.85	0.74	0.00	-2.5 to 2.5	Pass
				50	3.85	0.34	0.00	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	1.04	0.00	-2.5 to 2.5	Pass
					3.85	0.26	0.00	-2.5 to 2.5	Pass
					4.43	1.03	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.22	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.22	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.33	0.00	-2.5 to 2.5	Pass
				0	3.85	2.49	0.00	-2.5 to 2.5	Pass
				10	3.85	1.03	0.00	-2.5 to 2.5	Pass
				30	3.85	0.77	0.00	-2.5 to 2.5	Pass
				40	3.85	0.80	0.00	-2.5 to 2.5	Pass
				50	3.85	2.46	0.00	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-1.62	-0.00	-2.5 to 2.5	Pass
					3.85	-3.05	-0.00	-2.5 to 2.5	Pass

					4.43	-4.09	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.55	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.06	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.25	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.16	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.09	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.89	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.38	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	0.76	0.00	-2.5 to 2.5	Pass
					3.85	1.22	0.00	-2.5 to 2.5	Pass
					4.43	-0.37	-0.00	-2.5 to 2.5	Pass
				-30	3.85	0.41	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.80	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.02	0.00	-2.5 to 2.5	Pass
				0	3.85	0.34	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.49	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.11	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.23	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.50	0.00	-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	-0.56	-0.00	-2.5 to 2.5	Pass
					3.85	-0.16	-0.00	-2.5 to 2.5	Pass
					4.43	-0.20	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.70	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.90	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.09	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.17	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.03	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.31	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.49	0.00	-2.5 to 2.5	Pass
				50	3.85	-0.51	-0.00	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-1.70	-0.00	-2.5 to 2.5	Pass
					3.85	-2.76	-0.00	-2.5 to 2.5	Pass
					4.43	-2.86	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.09	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.86	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.06	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.79	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.02	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	1.56	0.00	-2.5 to 2.5	Pass
					3.85	1.85	0.00	-2.5 to 2.5	Pass
					4.43	1.09	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.24	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.54	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.63	0.00	-2.5 to 2.5	Pass
				0	3.85	1.49	0.00	-2.5 to 2.5	Pass
				10	3.85	2.13	0.00	-2.5 to 2.5	Pass
				30	3.85	1.36	0.00	-2.5 to 2.5	Pass
				40	3.85	1.17	0.00	-2.5 to 2.5	Pass
				50	3.85	0.73	0.00	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-1.00	-0.00	-2.5 to 2.5	Pass
					3.85	-1.23	-0.00	-2.5 to 2.5	Pass
					4.43	0.04	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.56	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.34	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.09	-0.00	-2.5 to 2.5	Pass
				0	3.85	0.82	0.00	-2.5 to 2.5	Pass
				10	3.85	0.87	0.00	-2.5 to 2.5	Pass
				30	3.85	1.20	0.00	-2.5 to 2.5	Pass
				40	3.85	0.50	0.00	-2.5 to 2.5	Pass
				50	3.85	-0.82	-0.00	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-2.73	-0.00	-2.5 to 2.5	Pass
					3.85	-2.75	-0.00	-2.5 to 2.5	Pass
					4.43	-2.73	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.53	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.03	-0.00	-2.5 to 2.5	Pass

				-10	3.85	-2.70	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.26	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.02	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.63	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.36	-0.00	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	2.19	0.00	-2.5 to 2.5	Pass
					3.85	2.59	0.00	-2.5 to 2.5	Pass
					4.43	0.62	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.03	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.60	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.73	0.00	-2.5 to 2.5	Pass
				0	3.85	1.02	0.00	-2.5 to 2.5	Pass
				10	3.85	2.45	0.00	-2.5 to 2.5	Pass
				30	3.85	1.59	0.00	-2.5 to 2.5	Pass
				40	3.85	0.72	0.00	-2.5 to 2.5	Pass
				50	3.85	1.56	0.00	-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	1.96	0.00	-2.5 to 2.5	Pass
					3.85	1.75	0.00	-2.5 to 2.5	Pass
					4.43	1.50	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.12	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.06	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.99	0.00	-2.5 to 2.5	Pass
				0	3.85	1.67	0.00	-2.5 to 2.5	Pass
				10	3.85	1.59	0.00	-2.5 to 2.5	Pass
				30	3.85	2.05	0.00	-2.5 to 2.5	Pass
				40	3.85	1.53	0.00	-2.5 to 2.5	Pass
				50	3.85	1.65	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.43	-0.00	-2.5 to 2.5	Pass
					3.85	-3.32	-0.00	-2.5 to 2.5	Pass
					4.43	-2.62	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.19	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.59	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.05	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.89	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.43	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.99	-0.00	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	0.74	0.00	-2.5 to 2.5	Pass
					3.85	0.84	0.00	-2.5 to 2.5	Pass
					4.43	-0.16	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.37	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.03	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.07	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.70	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.49	-0.00	-2.5 to 2.5	Pass
				30	3.85	1.07	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.33	-0.00	-2.5 to 2.5	Pass
				50	3.85	1.26	0.00	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.56	0.00	-2.5 to 2.5	Pass
					3.85	1.90	0.00	-2.5 to 2.5	Pass
					4.43	1.83	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.76	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.17	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.60	0.00	-2.5 to 2.5	Pass
				0	3.85	2.06	0.00	-2.5 to 2.5	Pass
				10	3.85	1.29	0.00	-2.5 to 2.5	Pass
				30	3.85	0.90	0.00	-2.5 to 2.5	Pass
				40	3.85	1.06	0.00	-2.5 to 2.5	Pass
				50	3.85	1.76	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.28	-0.00	-2.5 to 2.5	Pass
					3.85	-3.95	-0.00	-2.5 to 2.5	Pass
					4.43	-3.55	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.78	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.39	-0.00	-2.5 to 2.5	Pass

				-10	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.06	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.65	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	2.52	0.00	-2.5 to 2.5	Pass
					3.85	1.14	0.00	-2.5 to 2.5	Pass
					4.43	1.13	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.74	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.06	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.99	0.00	-2.5 to 2.5	Pass
				0	3.85	0.51	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.20	-0.00	-2.5 to 2.5	Pass
				30	3.85	1.32	0.00	-2.5 to 2.5	Pass
				40	3.85	1.03	0.00	-2.5 to 2.5	Pass
				50	3.85	1.06	0.00	-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	-3.18	-0.00	-2.5 to 2.5	Pass
					3.85	-2.80	-0.00	-2.5 to 2.5	Pass
					4.43	-3.05	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.06	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.02	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.10	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.60	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.79	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.83	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.92	-0.00	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.48	-0.00	-2.5 to 2.5	Pass
					3.85	-3.85	-0.00	-2.5 to 2.5	Pass
					4.43	-3.49	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.75	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.75	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.03	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.63	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.98	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.35	-0.00	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-2.47	-0.00	-2.5 to 2.5	Pass
					3.85	-2.35	-0.00	-2.5 to 2.5	Pass
					4.43	-3.35	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.56	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.57	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.75	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.03	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.65	-0.00	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-2.65	-0.00	-2.5 to 2.5	Pass
					3.85	-1.85	-0.00	-2.5 to 2.5	Pass
					4.43	-2.70	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.78	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.07	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.09	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.82	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.18	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.19	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.93	-0.00	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-2.29	-0.00	-2.5 to 2.5	Pass
					3.85	-2.16	-0.00	-2.5 to 2.5	Pass
					4.43	-2.79	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.83	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.13	-0.00	-2.5 to 2.5	Pass

				-10	3.85	-3.60	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.46	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.10	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.92	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.66	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.43	-0.00	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.19	-0.00	-2.5 to 2.5	Pass
					3.85	-3.48	-0.00	-2.5 to 2.5	Pass
					4.43	-3.50	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.52	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.82	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.85	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.38	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.05	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.12	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.43	-0.00	-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	-0.44	-0.00	-2.5 to 2.5	Pass
					3.85	0.92	0.00	-2.5 to 2.5	Pass
					4.43	-0.14	-0.00	-2.5 to 2.5	Pass
				-30	3.85	0.26	0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.11	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.74	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.10	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.72	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.60	-0.00	-2.5 to 2.5	Pass
				40	3.85	1.46	0.00	-2.5 to 2.5	Pass
				50	3.85	0.16	0.00	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-4.21	-0.00	-2.5 to 2.5	Pass
					3.85	-2.05	-0.00	-2.5 to 2.5	Pass
					4.43	-2.99	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.26	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.12	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.35	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.62	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.86	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.75	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.79	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.72	-0.00	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	2.36	0.00	-2.5 to 2.5	Pass
					3.85	0.64	0.00	-2.5 to 2.5	Pass
					4.43	1.80	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.60	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.06	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.35	0.00	-2.5 to 2.5	Pass
				0	3.85	2.45	0.00	-2.5 to 2.5	Pass
				10	3.85	2.15	0.00	-2.5 to 2.5	Pass
				30	3.85	1.60	0.00	-2.5 to 2.5	Pass
				40	3.85	1.92	0.00	-2.5 to 2.5	Pass
				50	3.85	1.56	0.00	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-0.10	-0.00	-2.5 to 2.5	Pass
					3.85	0.37	0.00	-2.5 to 2.5	Pass
					4.43	0.00	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.89	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.73	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.14	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.94	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.63	0.00	-2.5 to 2.5	Pass
				30	3.85	0.19	0.00	-2.5 to 2.5	Pass
				40	3.85	0.51	0.00	-2.5 to 2.5	Pass
				50	3.85	0.07	0.00	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.33	-0.00	-2.5 to 2.5	Pass
					3.85	-2.68	-0.00	-2.5 to 2.5	Pass
					4.43	-2.96	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.26	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.17	-0.00	-2.5 to 2.5	Pass

				-10	3.85	-3.73	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.68	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.05	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.52	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.66	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.39	0.00	-2.5 to 2.5	Pass
					3.85	0.92	0.00	-2.5 to 2.5	Pass
					4.43	1.95	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.35	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.16	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.10	0.00	-2.5 to 2.5	Pass
				0	3.85	0.34	0.00	-2.5 to 2.5	Pass
				10	3.85	1.16	0.00	-2.5 to 2.5	Pass
				30	3.85	2.26	0.00	-2.5 to 2.5	Pass
				40	3.85	1.00	0.00	-2.5 to 2.5	Pass
				50	3.85	1.59	0.00	-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	2.22	0.00	-2.5 to 2.5	Pass
					3.85	1.72	0.00	-2.5 to 2.5	Pass
					4.43	1.87	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.47	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.93	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.13	0.00	-2.5 to 2.5	Pass
				0	3.85	2.05	0.00	-2.5 to 2.5	Pass
				10	3.85	0.74	0.00	-2.5 to 2.5	Pass
				30	3.85	0.82	0.00	-2.5 to 2.5	Pass
				40	3.85	0.82	0.00	-2.5 to 2.5	Pass
				50	3.85	1.02	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.92	-0.00	-2.5 to 2.5	Pass
					3.85	-2.89	-0.00	-2.5 to 2.5	Pass
					4.43	-2.46	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.95	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.20	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.72	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.90	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.23	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.85	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.36	-0.00	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.54	0.00	-2.5 to 2.5	Pass
					3.85	-0.10	-0.00	-2.5 to 2.5	Pass
					4.43	0.86	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.09	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.40	0.00	-2.5 to 2.5	Pass
				0	3.85	0.03	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.04	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.10	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.26	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.37	-0.00	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	1.14	0.00	-2.5 to 2.5	Pass
					3.85	0.99	0.00	-2.5 to 2.5	Pass
					4.43	1.29	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.54	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.76	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.09	0.00	-2.5 to 2.5	Pass
				0	3.85	2.42	0.00	-2.5 to 2.5	Pass
				10	3.85	0.79	0.00	-2.5 to 2.5	Pass
				30	3.85	3.46	0.00	-2.5 to 2.5	Pass
				40	3.85	0.97	0.00	-2.5 to 2.5	Pass
				50	3.85	1.10	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.47	-0.00	-2.5 to 2.5	Pass
					3.85	-3.95	-0.00	-2.5 to 2.5	Pass
					4.43	-2.40	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.09	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.49	-0.00	-2.5 to 2.5	Pass

				-10	3.85	-3.18	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.63	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.59	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.70	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	1.07	0.00	-2.5 to 2.5	Pass
					3.85	1.72	0.00	-2.5 to 2.5	Pass
					4.43	-0.13	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.84	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.89	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.67	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.03	0.00	-2.5 to 2.5	Pass
				10	3.85	0.16	0.00	-2.5 to 2.5	Pass
				30	3.85	1.07	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.80	-0.00	-2.5 to 2.5	Pass
				50	3.85	0.76	0.00	-2.5 to 2.5	Pass

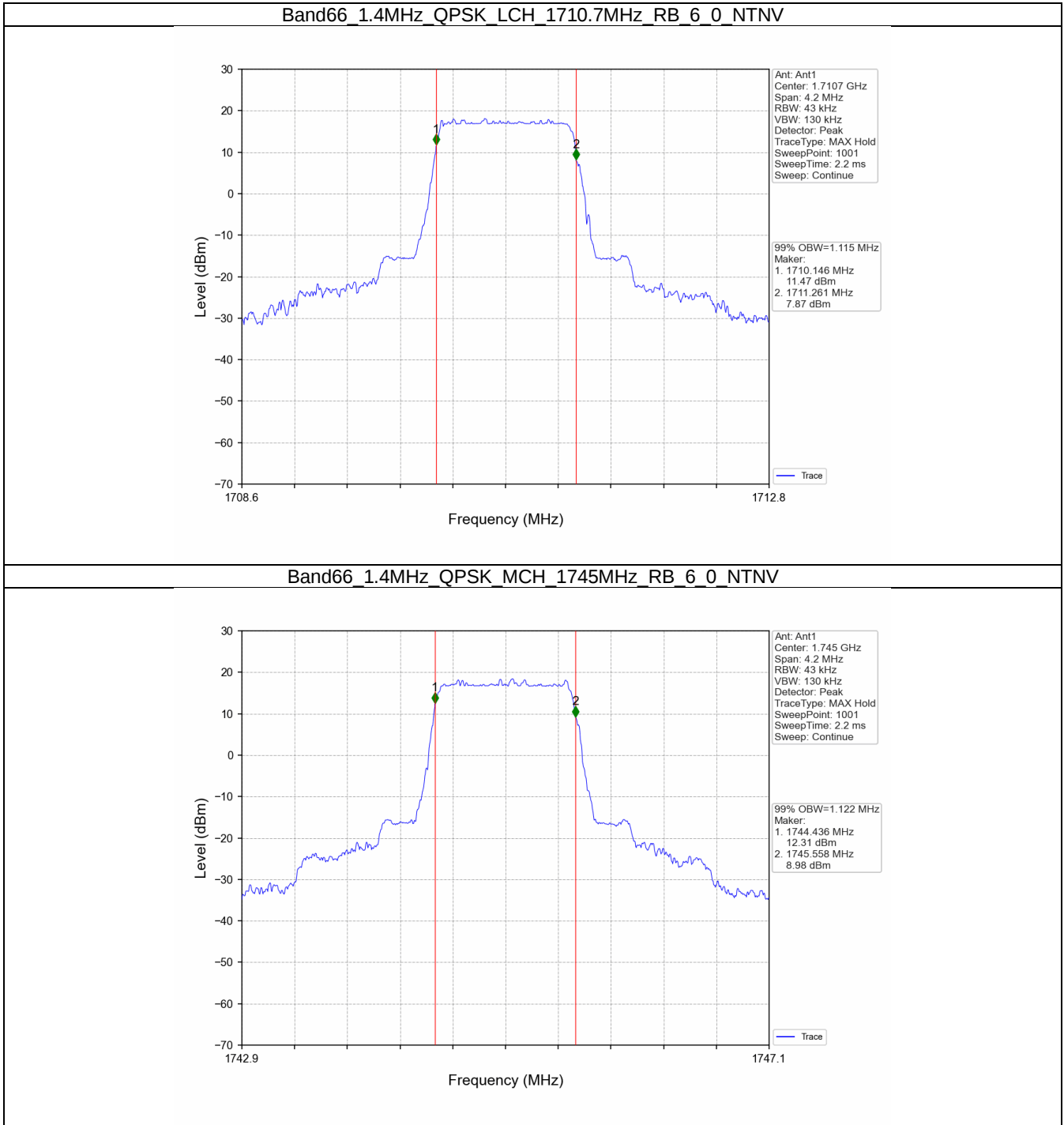
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

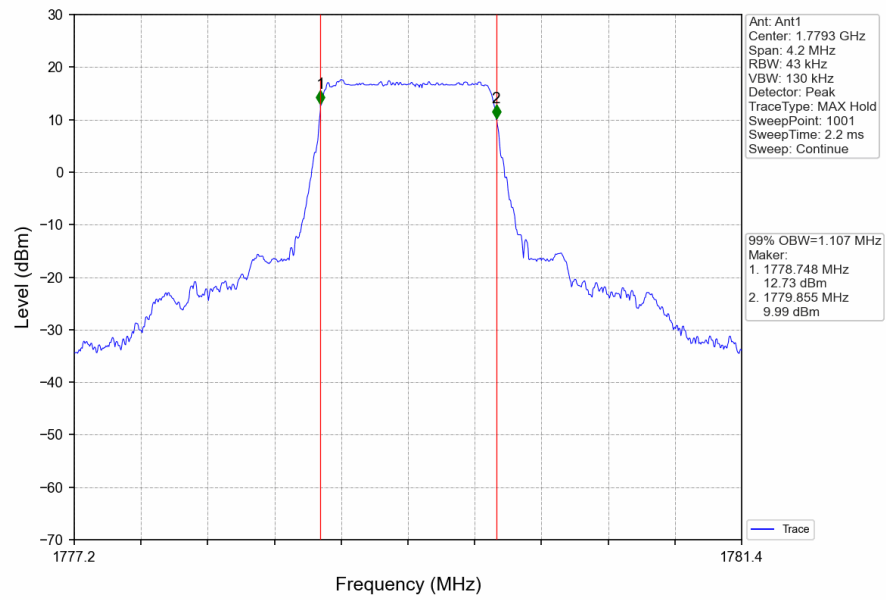
4.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.115	Pass
		1745	6	0	1.122	Pass
		1779.3	6	0	1.107	Pass
	16QAM	1710.7	6	0	1.106	Pass
		1745	6	0	1.114	Pass
		1779.3	6	0	1.117	Pass
3	QPSK	1711.5	15	0	2.753	Pass
		1745	15	0	2.754	Pass
		1778.5	15	0	2.748	Pass
	16QAM	1711.5	15	0	2.741	Pass
		1745	15	0	2.739	Pass
		1778.5	15	0	2.741	Pass
5	QPSK	1712.5	25	0	4.565	Pass
		1745	25	0	4.558	Pass
		1777.5	25	0	4.555	Pass
	16QAM	1712.5	25	0	4.538	Pass
		1745	25	0	4.574	Pass
		1777.5	25	0	4.577	Pass
10	QPSK	1715	50	0	9.060	Pass
		1745	50	0	9.023	Pass
		1775	50	0	9.039	Pass
	16QAM	1715	50	0	9.056	Pass
		1745	50	0	9.021	Pass
		1775	50	0	9.045	Pass
15	QPSK	1717.5	75	0	13.569	Pass
		1745	75	0	13.509	Pass
		1772.5	75	0	13.567	Pass
	16QAM	1717.5	75	0	13.585	Pass
		1745	75	0	13.533	Pass
		1772.5	75	0	13.574	Pass
20	QPSK	1720	100	0	18.082	Pass
		1745	100	0	18.008	Pass
		1770	100	0	18.043	Pass
	16QAM	1720	100	0	18.123	Pass
		1745	100	0	17.989	Pass
		1770	100	0	18.069	Pass

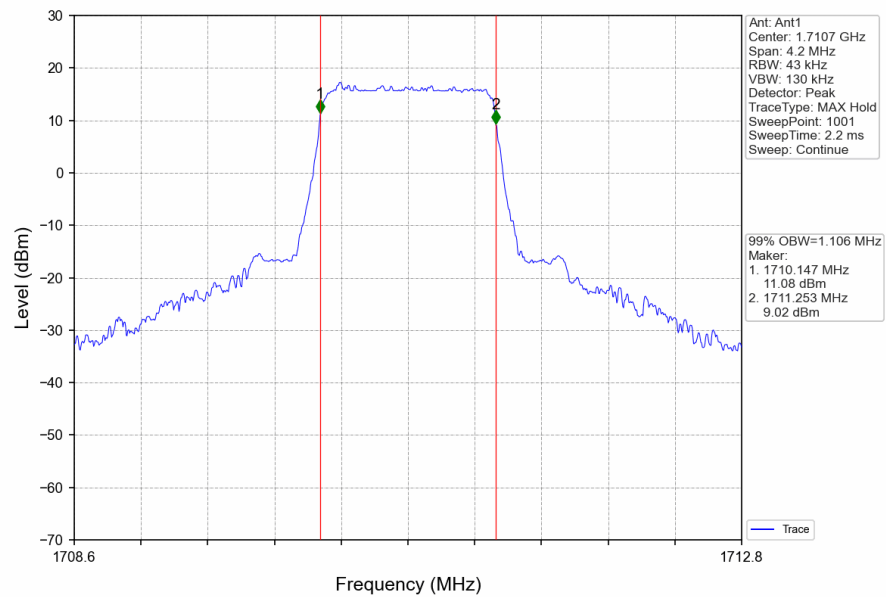
4.1.2 Test Graph



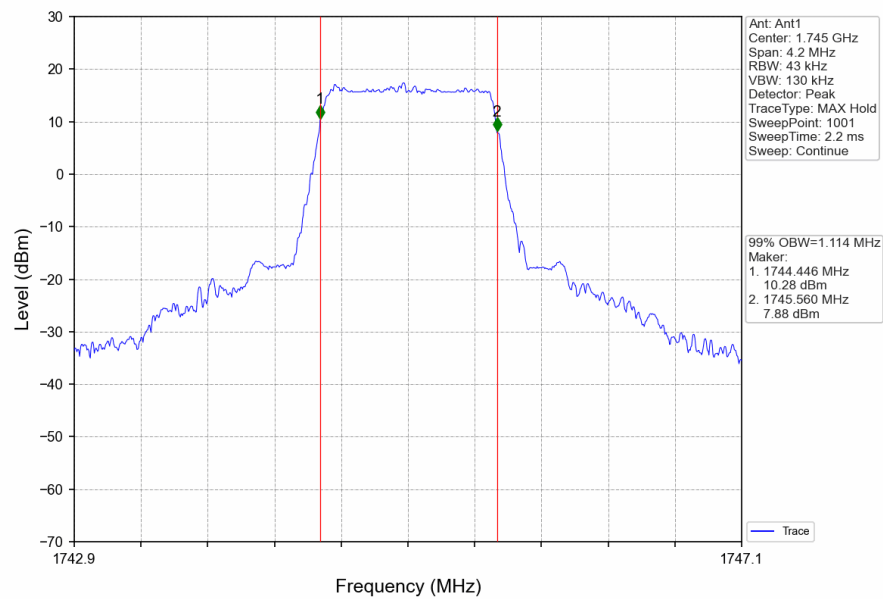
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



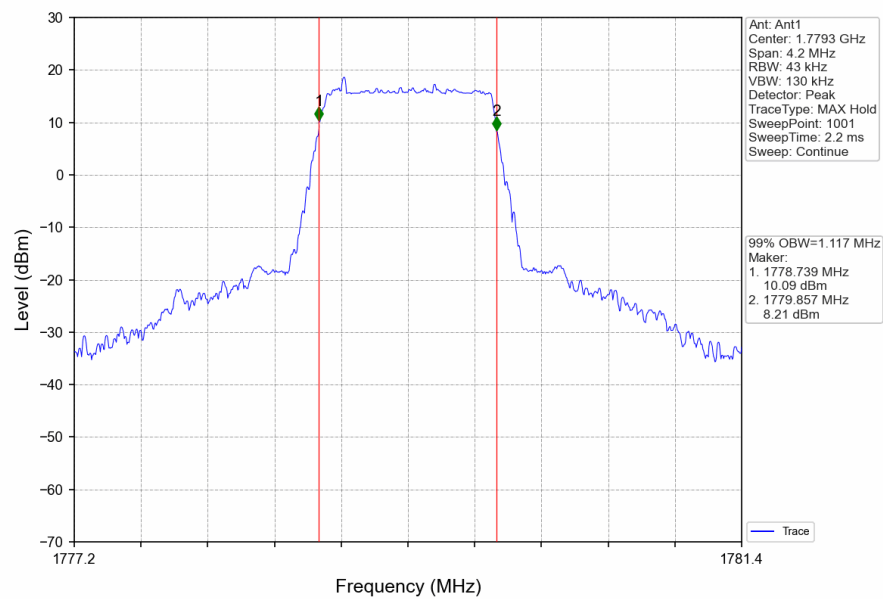
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



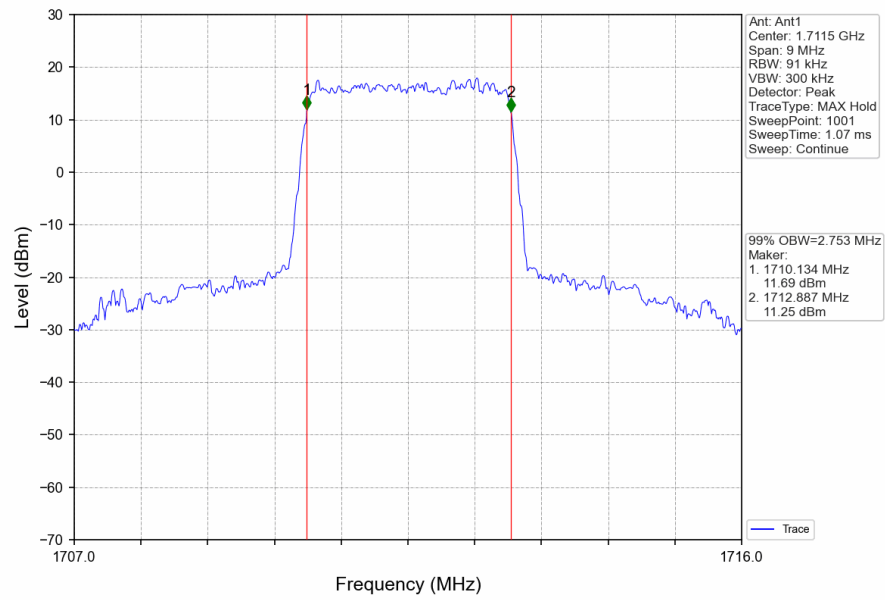
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



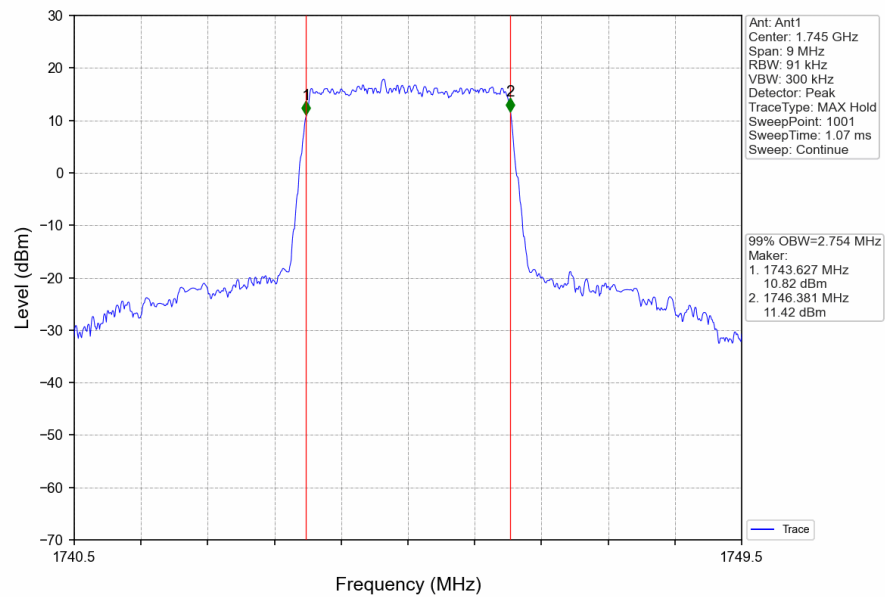
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



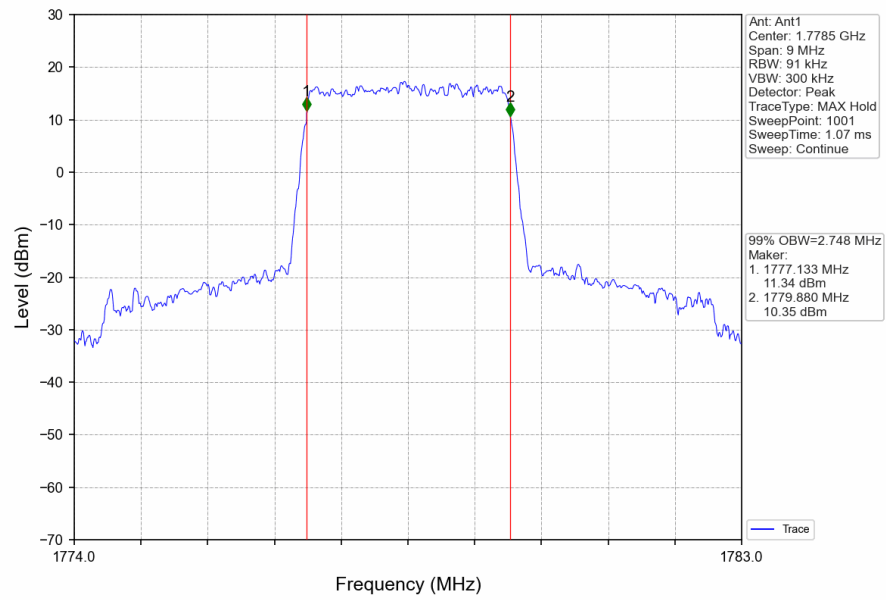
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



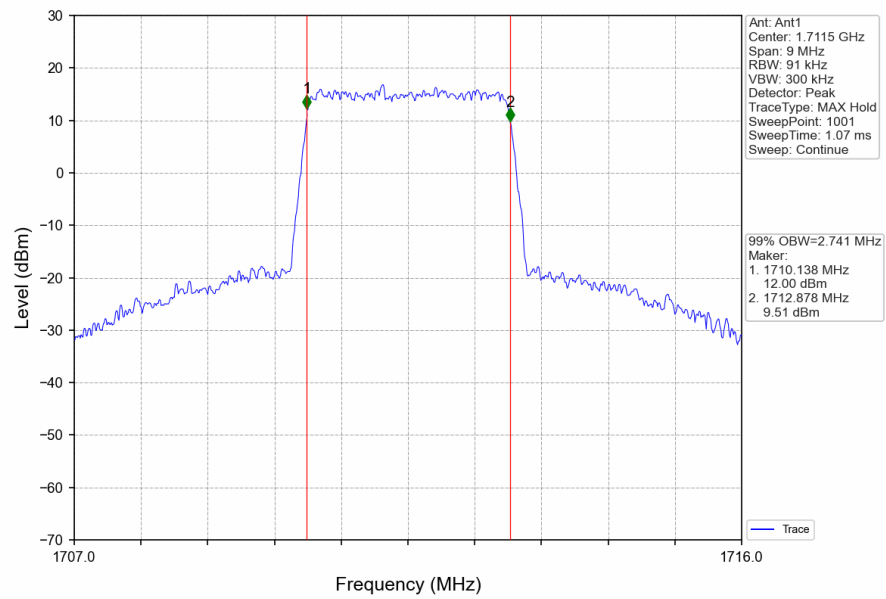
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



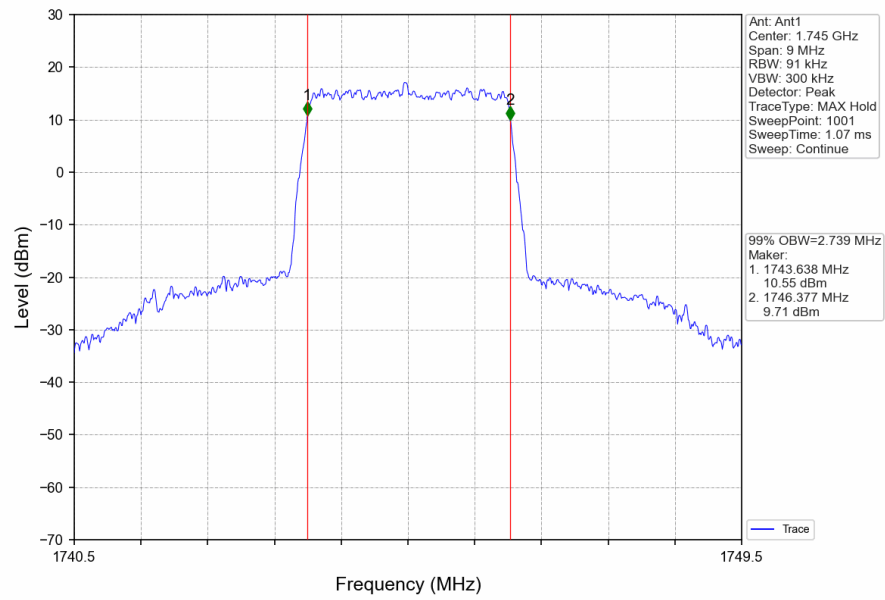
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



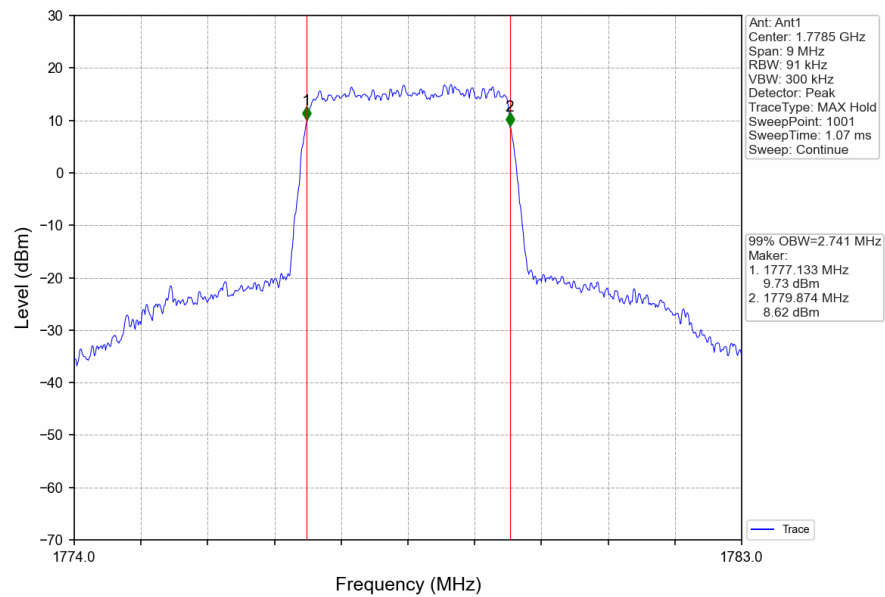
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



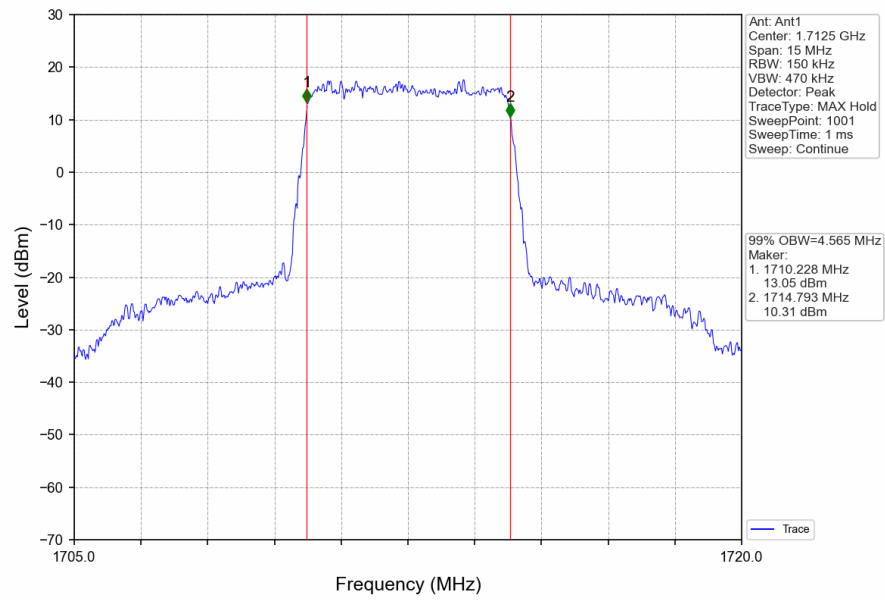
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



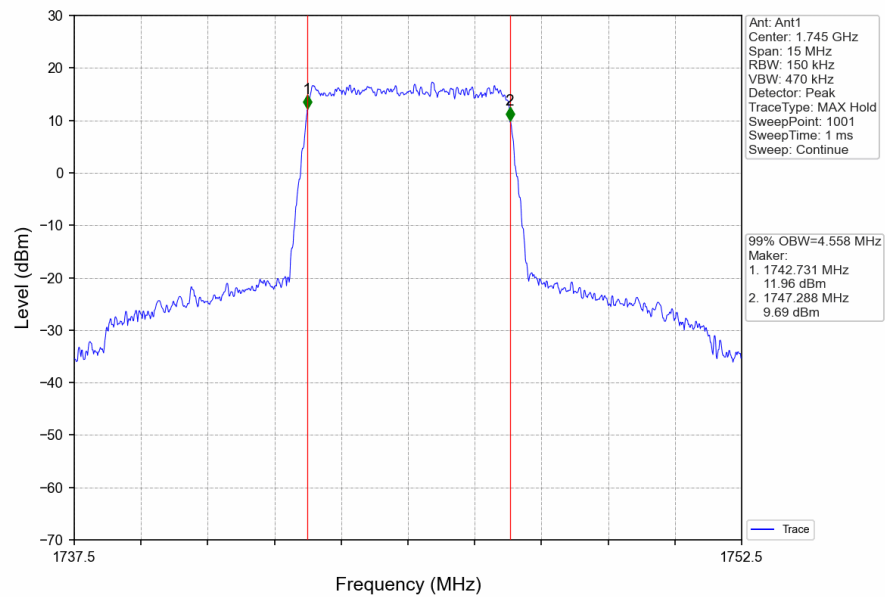
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



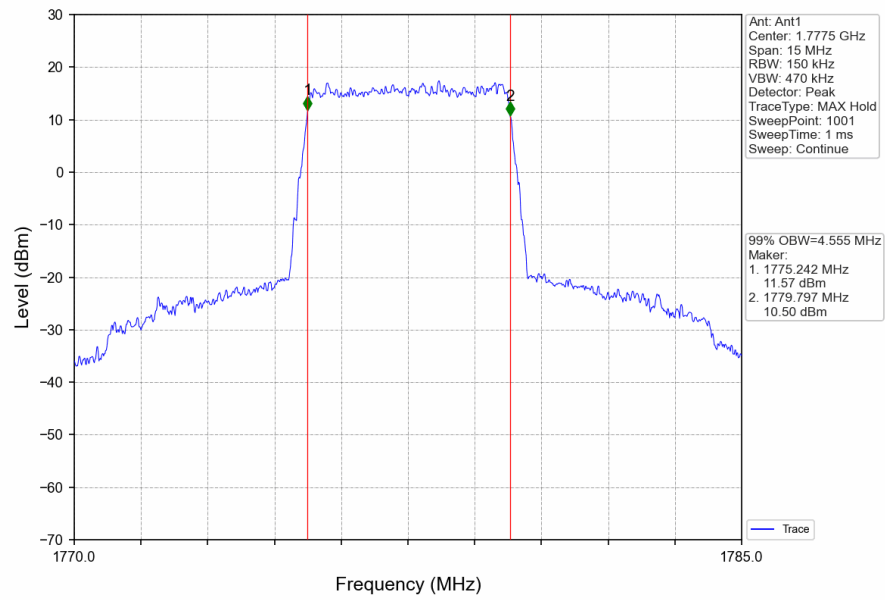
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



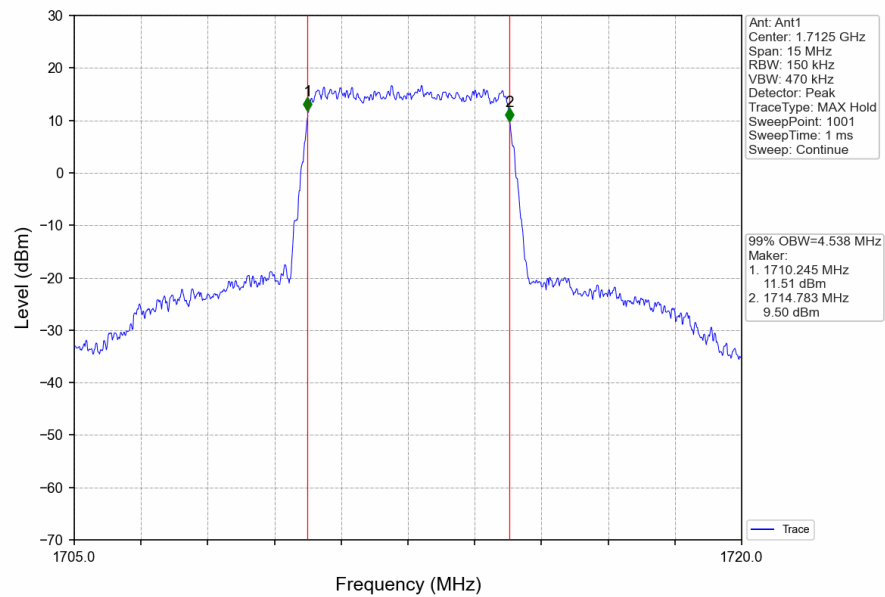
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



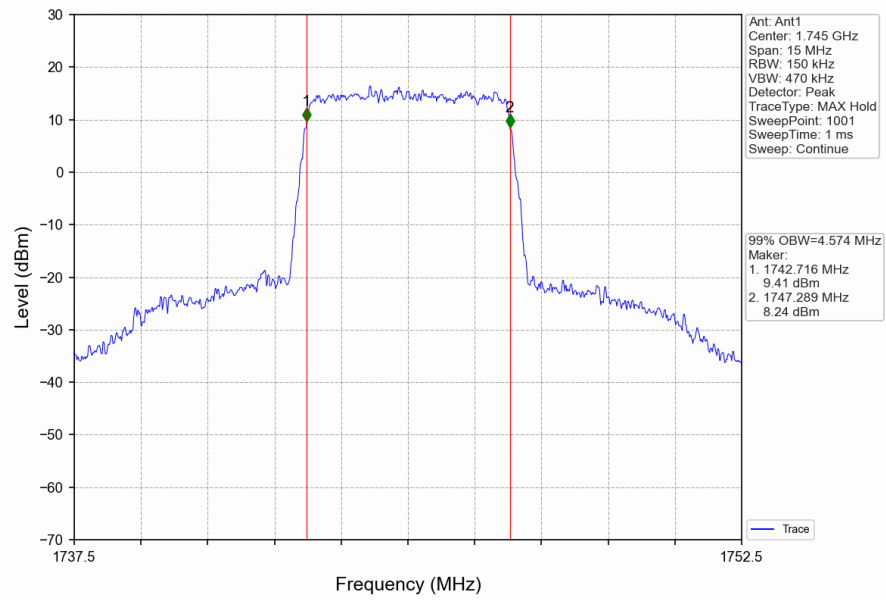
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



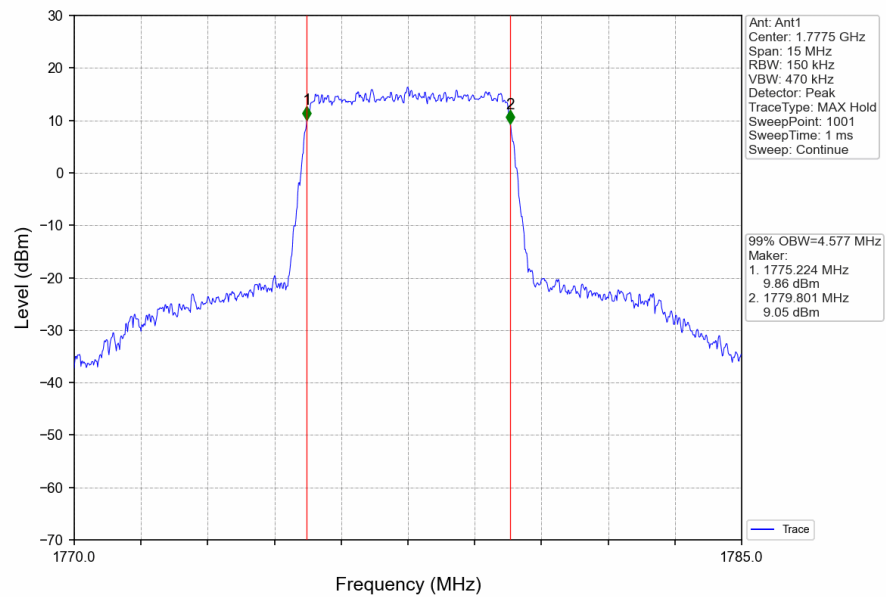
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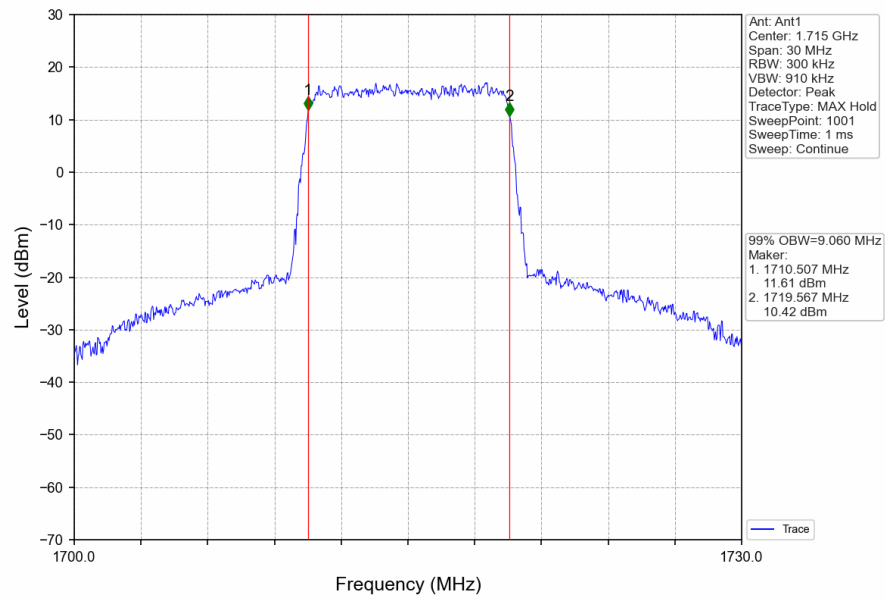
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



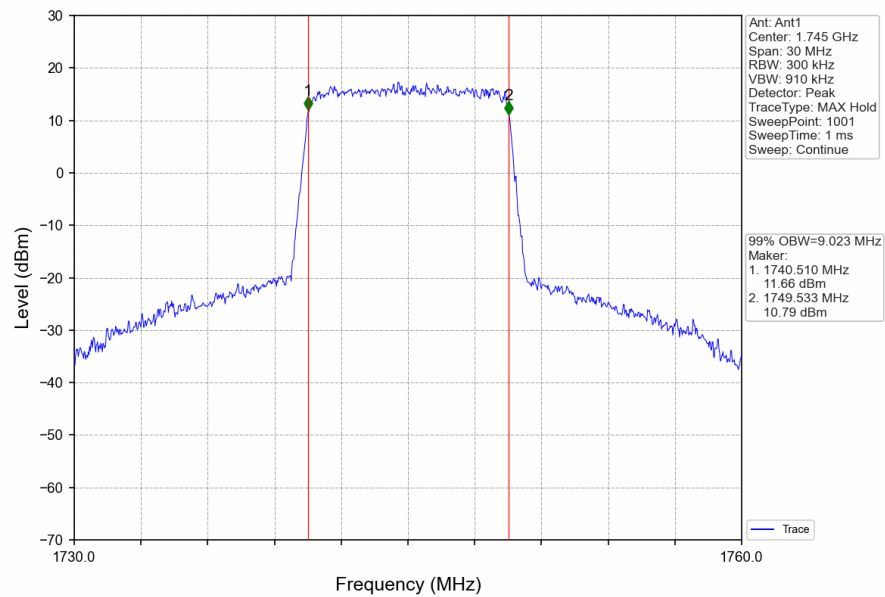
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



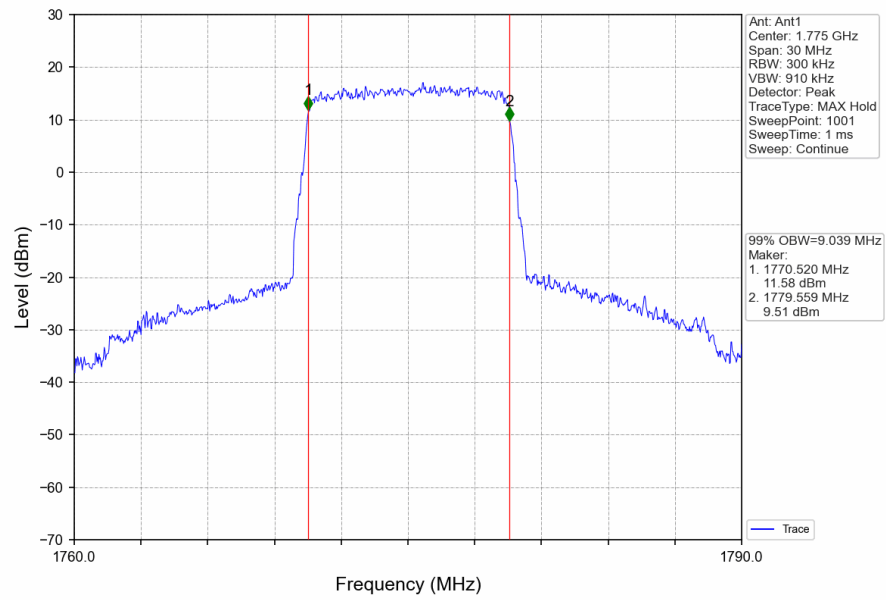
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



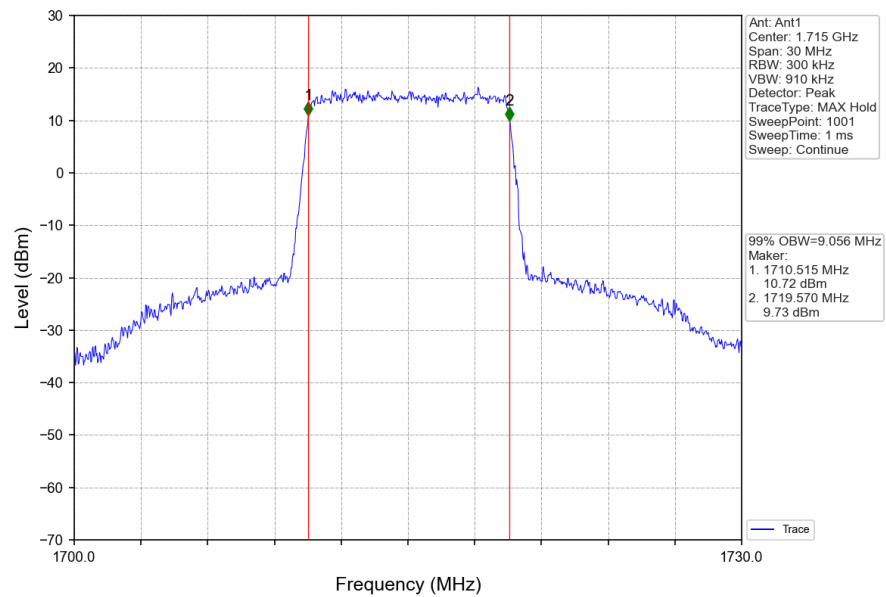
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



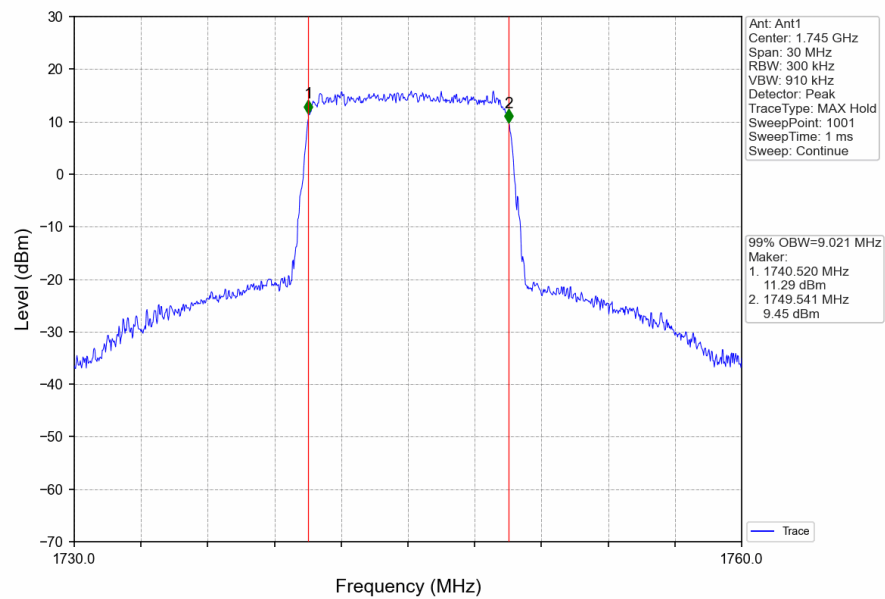
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



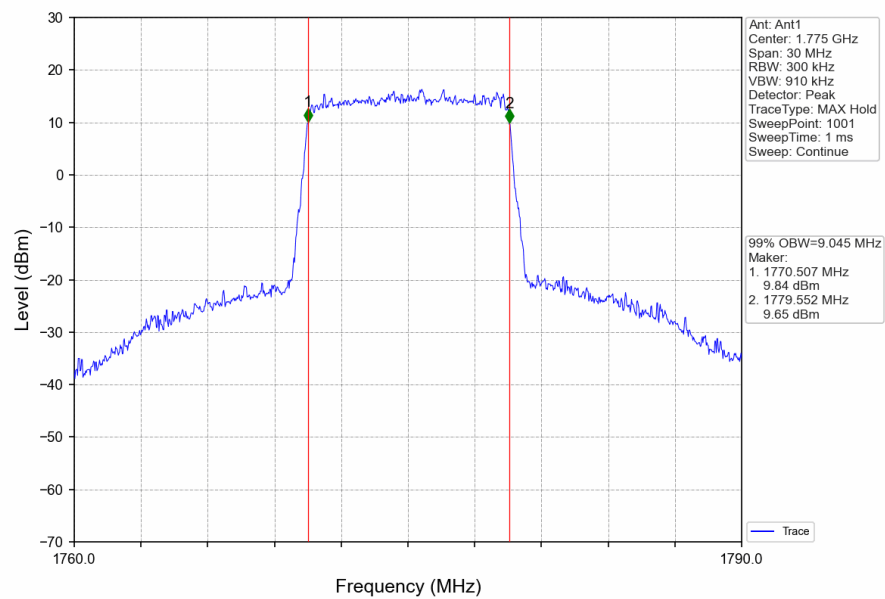
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



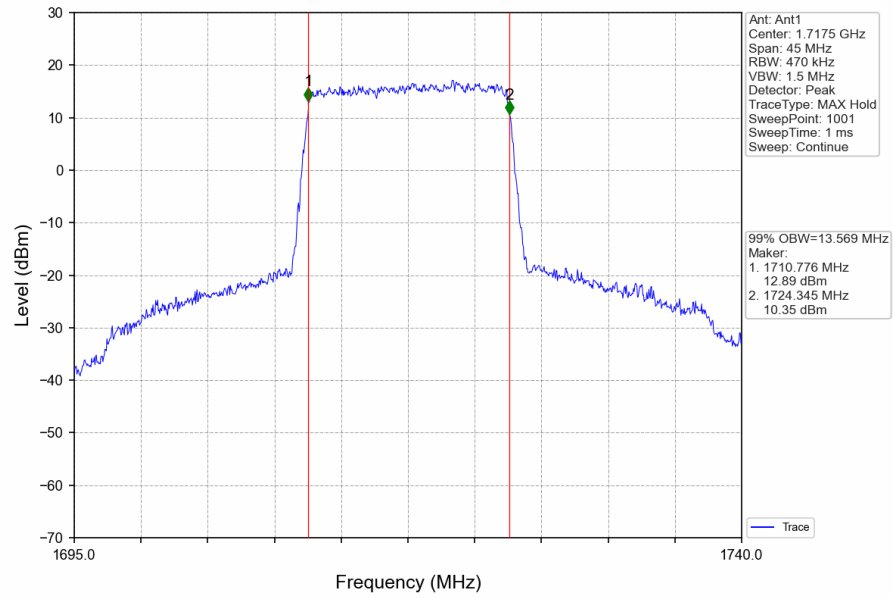
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



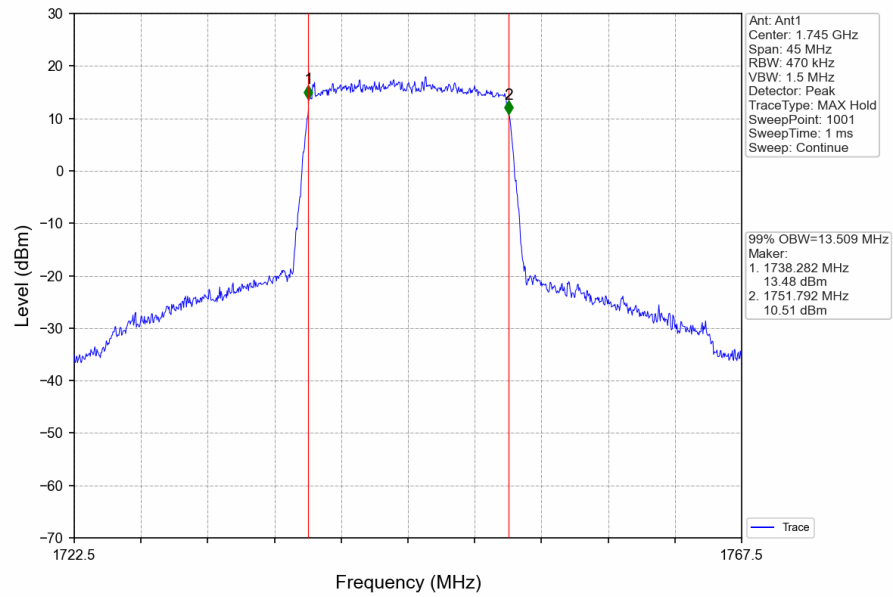
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



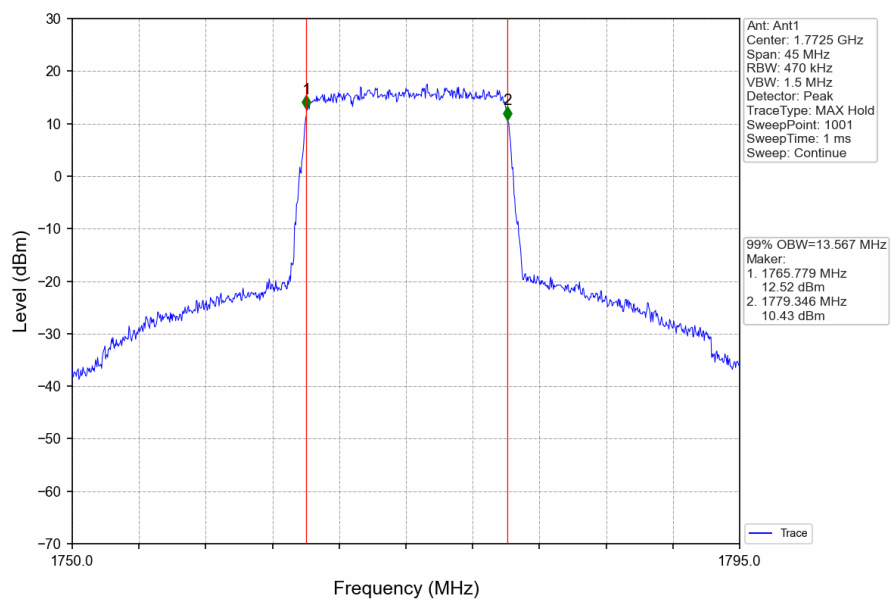
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



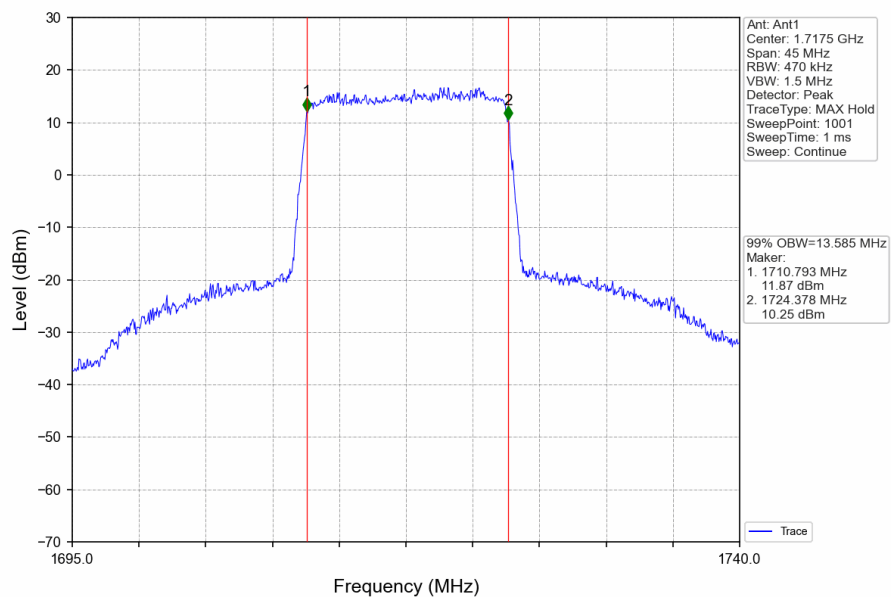
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



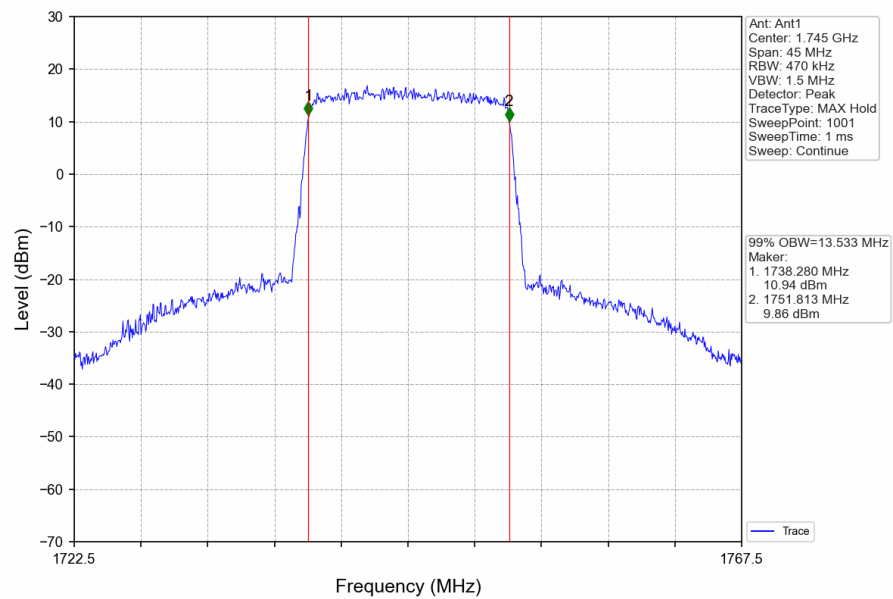
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



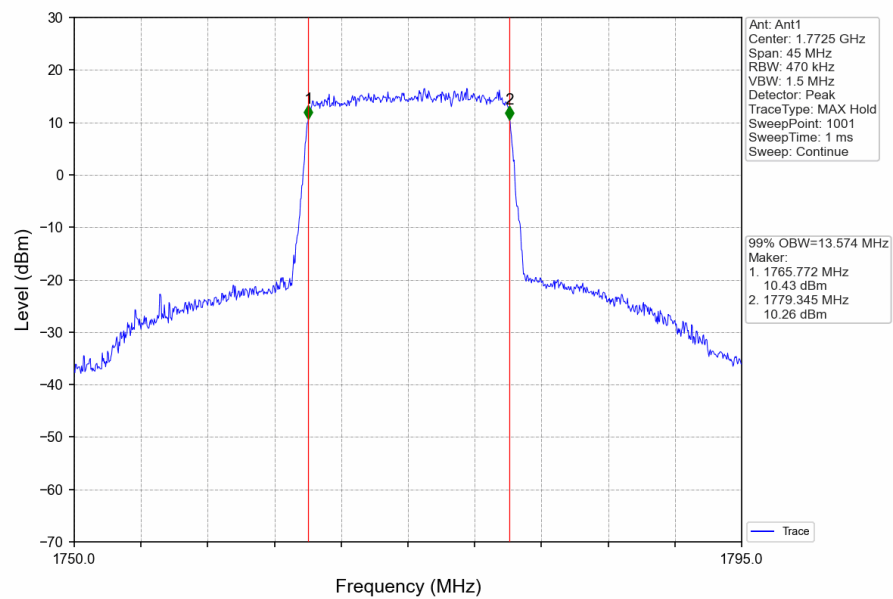
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



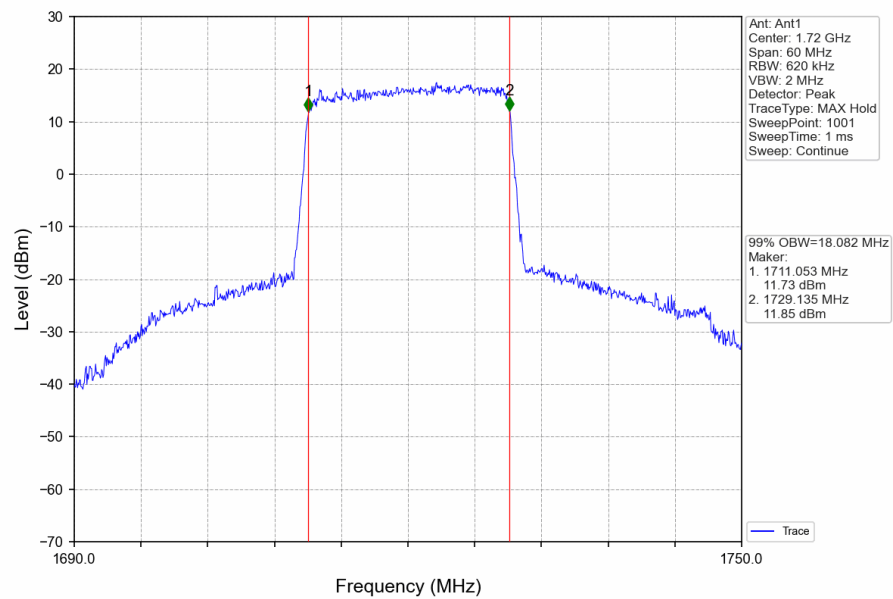
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



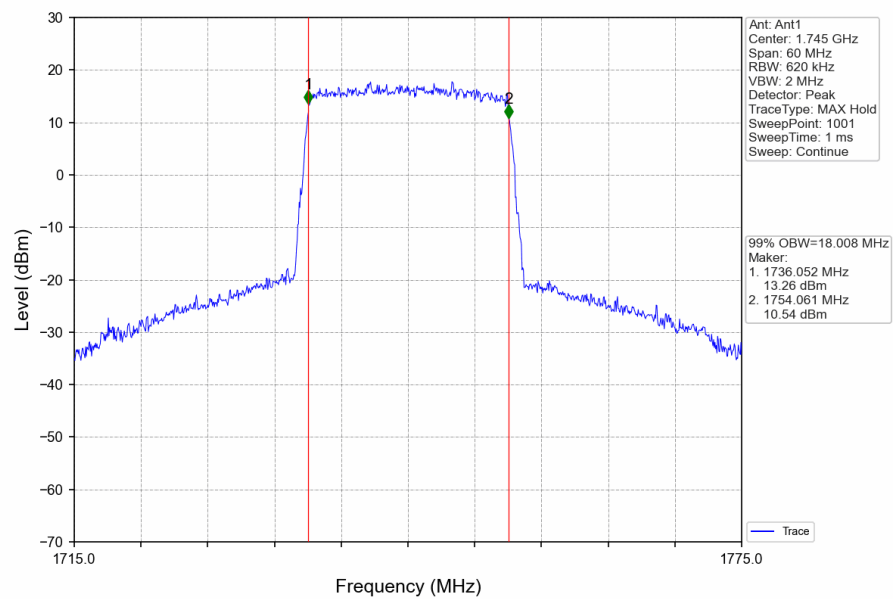
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



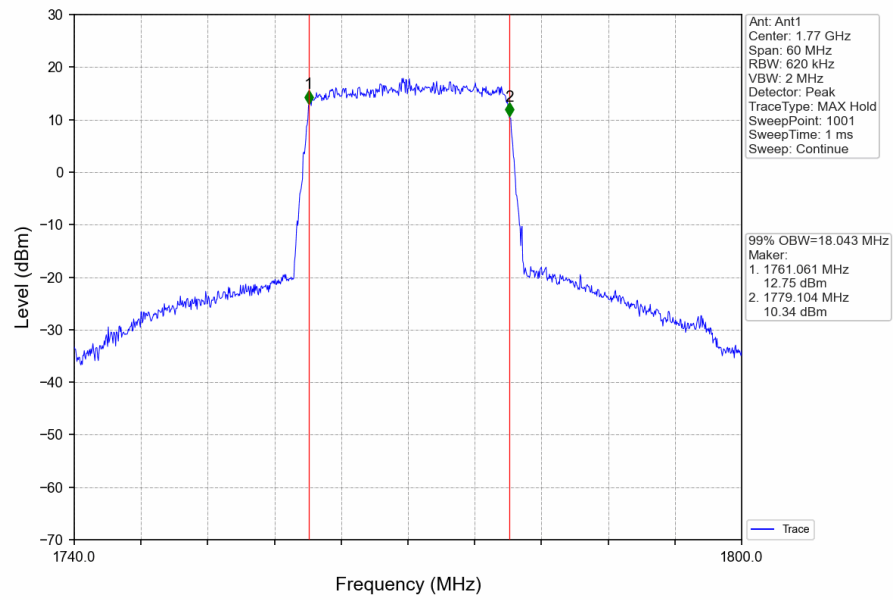
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



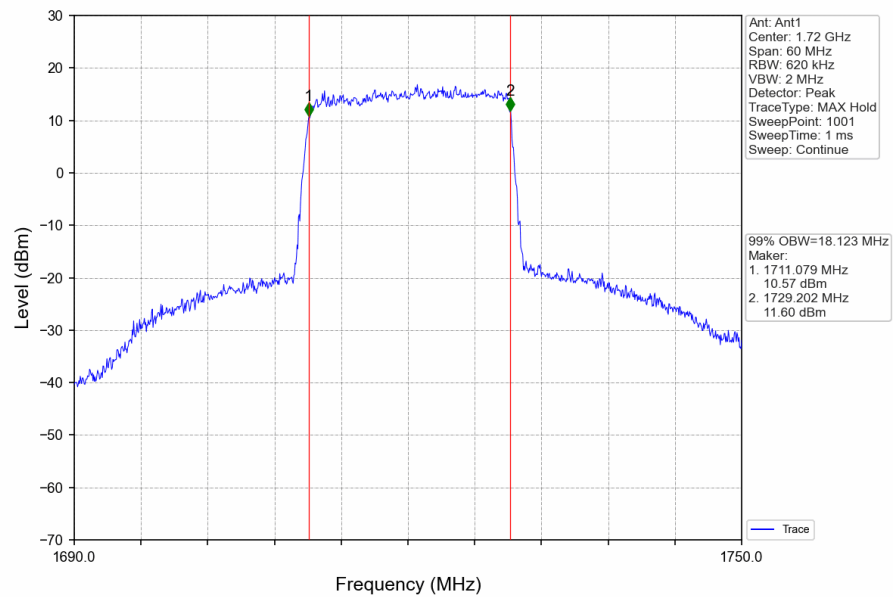
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



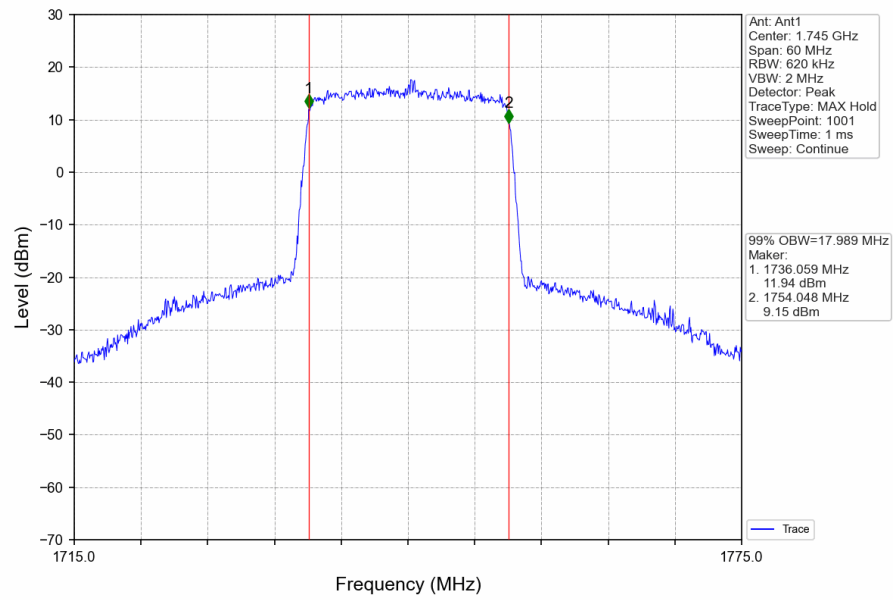
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



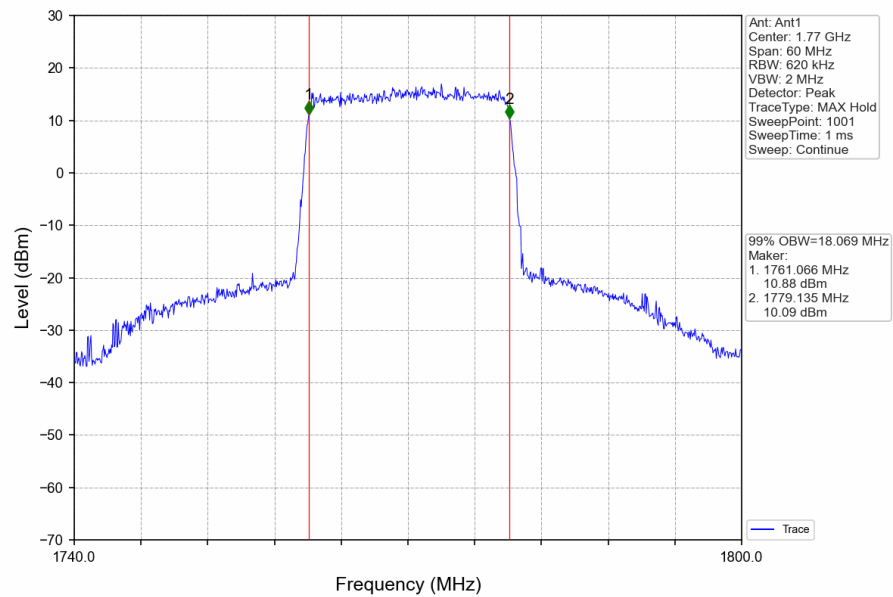
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

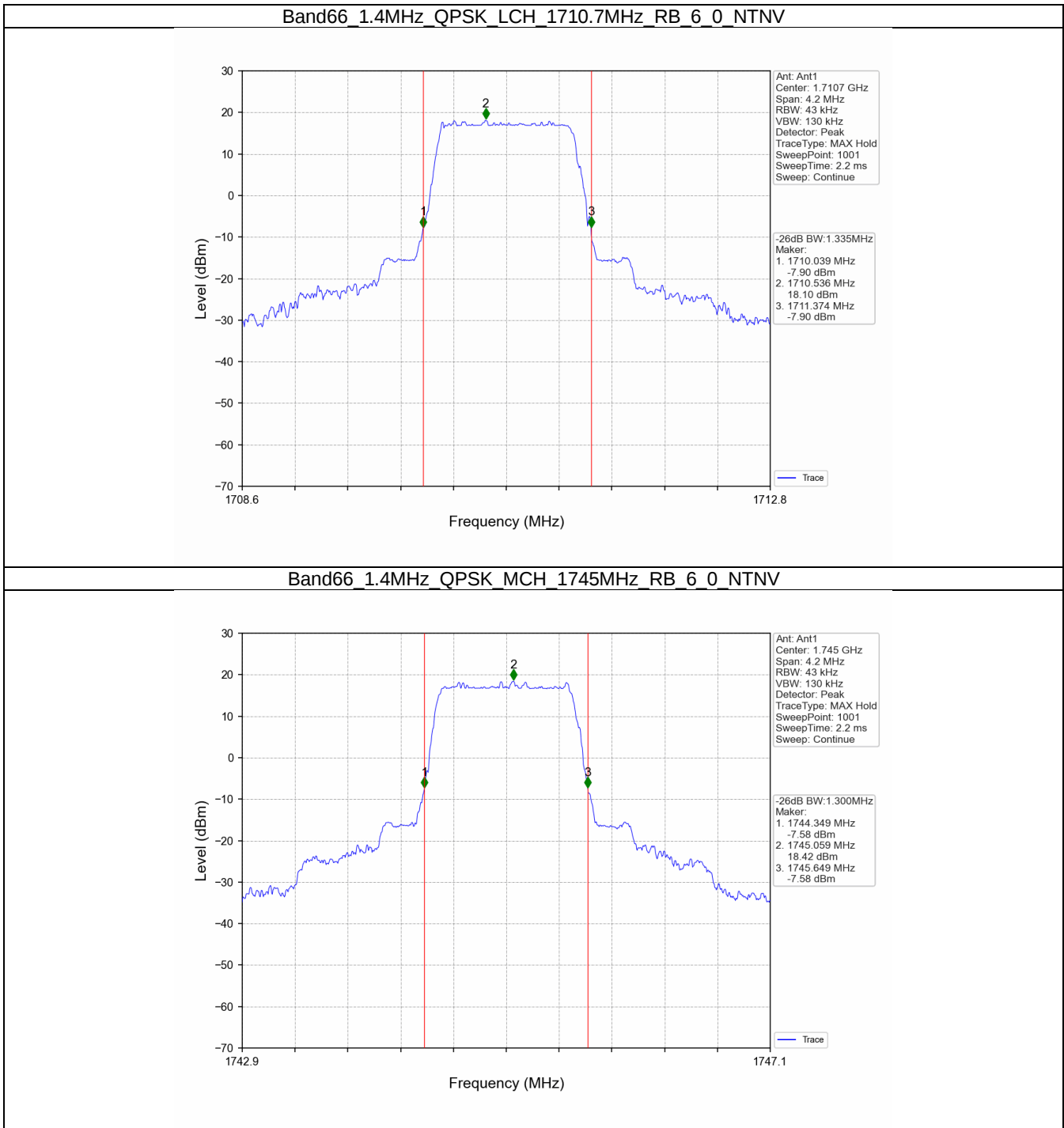


4.2 Band66_XDB

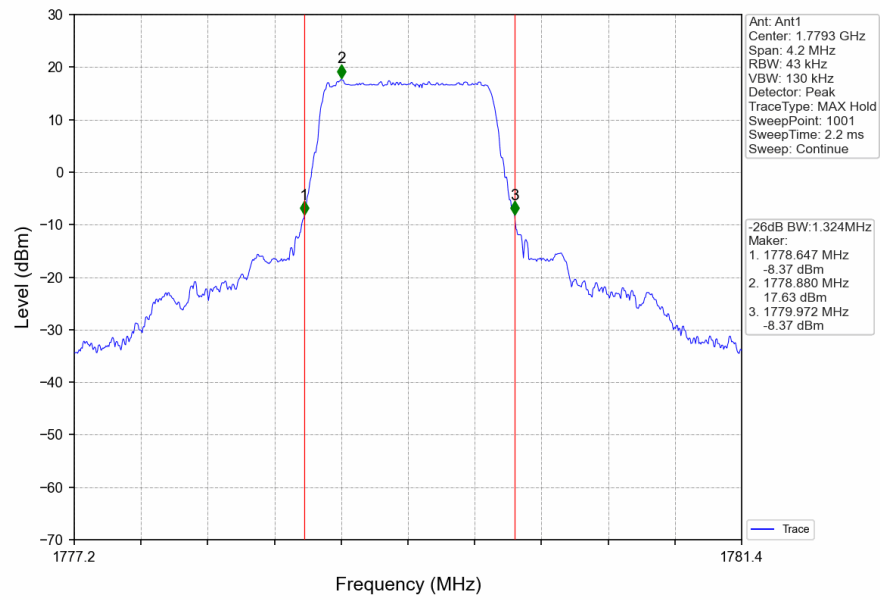
4.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.335	Pass
		1745	6	0	1.300	Pass
		1779.3	6	0	1.324	Pass
	16QAM	1710.7	6	0	1.298	Pass
		1745	6	0	1.330	Pass
		1779.3	6	0	1.337	Pass
3	QPSK	1711.5	15	0	3.072	Pass
		1745	15	0	3.055	Pass
		1778.5	15	0	3.063	Pass
	16QAM	1711.5	15	0	3.066	Pass
		1745	15	0	3.059	Pass
		1778.5	15	0	3.072	Pass
5	QPSK	1712.5	25	0	5.122	Pass
		1745	25	0	5.091	Pass
		1777.5	25	0	5.048	Pass
	16QAM	1712.5	25	0	5.112	Pass
		1745	25	0	5.095	Pass
		1777.5	25	0	5.112	Pass
10	QPSK	1715	50	0	10.099	Pass
		1745	50	0	9.978	Pass
		1775	50	0	10.072	Pass
	16QAM	1715	50	0	9.991	Pass
		1745	50	0	10.023	Pass
		1775	50	0	10.045	Pass
15	QPSK	1717.5	75	0	14.966	Pass
		1745	75	0	14.912	Pass
		1772.5	75	0	14.882	Pass
	16QAM	1717.5	75	0	14.959	Pass
		1745	75	0	14.927	Pass
		1772.5	75	0	14.926	Pass
20	QPSK	1720	100	0	19.760	Pass
		1745	100	0	19.797	Pass
		1770	100	0	19.803	Pass
	16QAM	1720	100	0	19.750	Pass
		1745	100	0	19.666	Pass
		1770	100	0	19.694	Pass

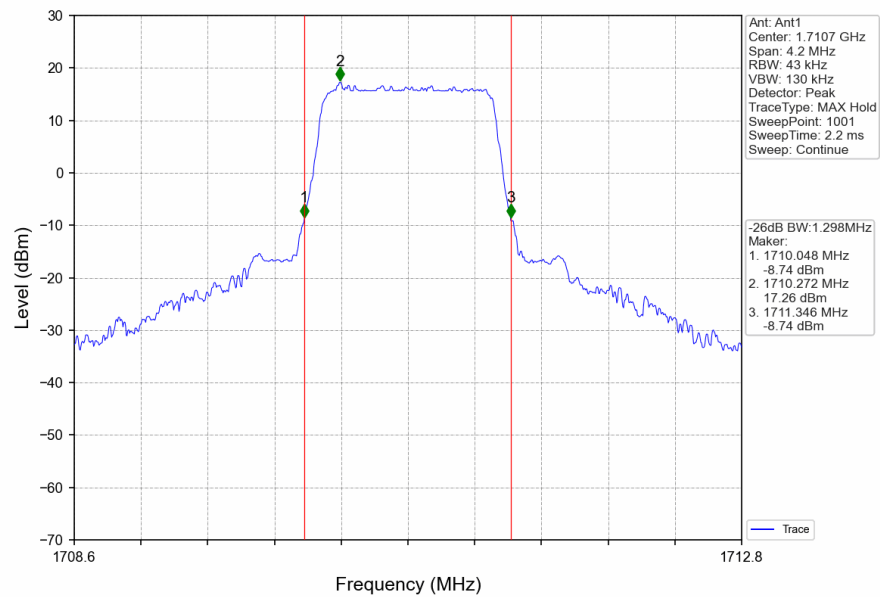
4.2.2 Test Graph



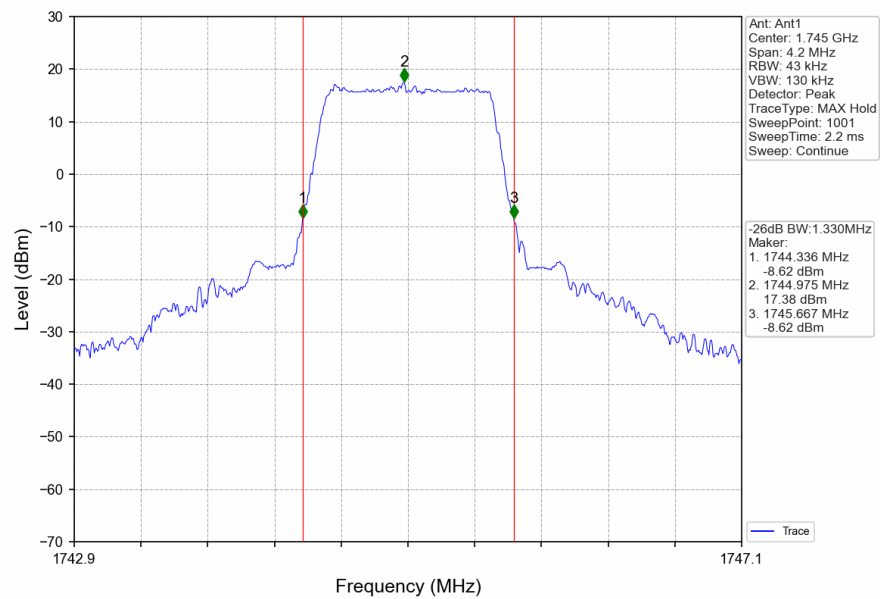
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



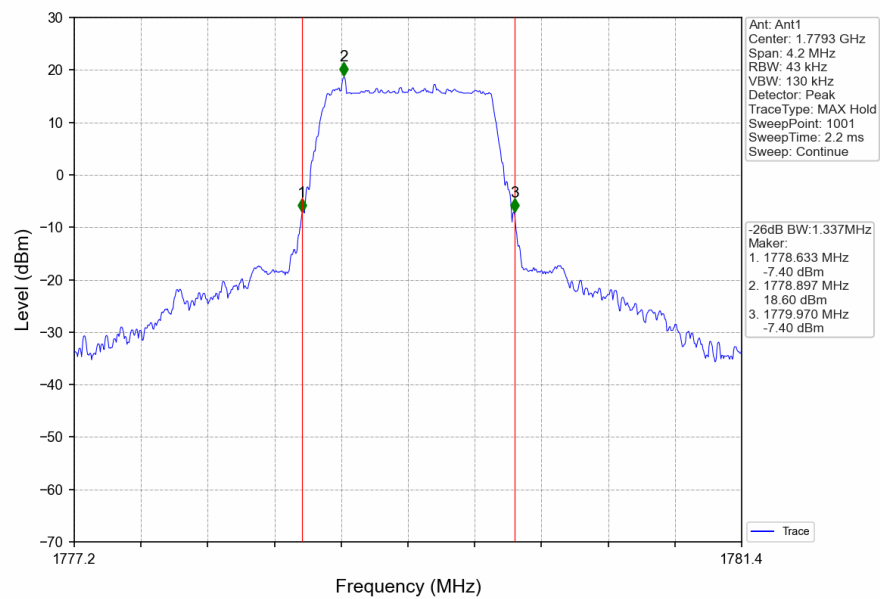
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



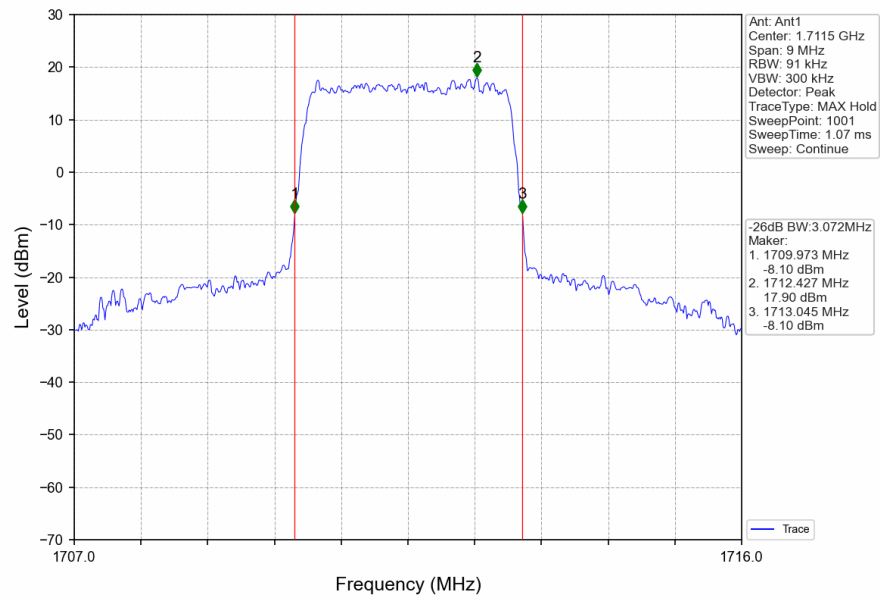
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



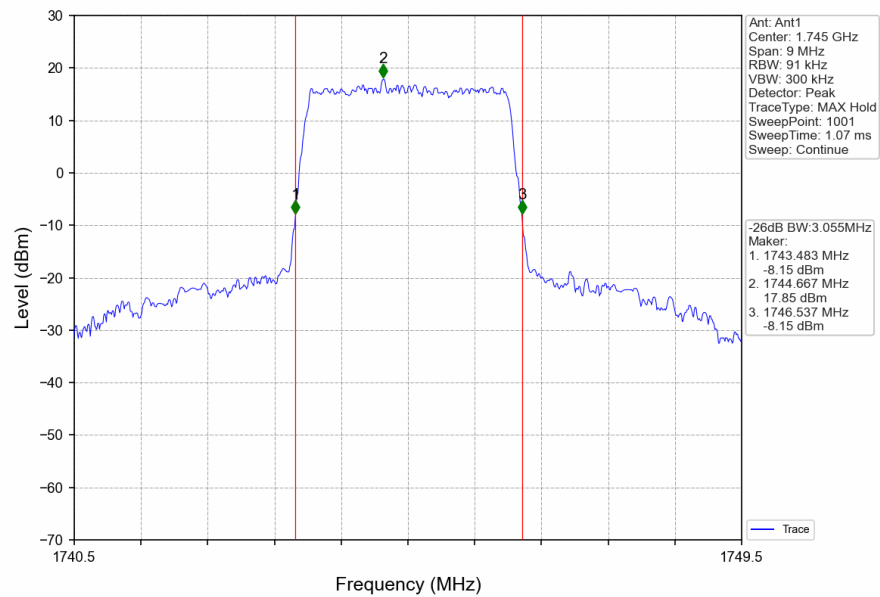
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



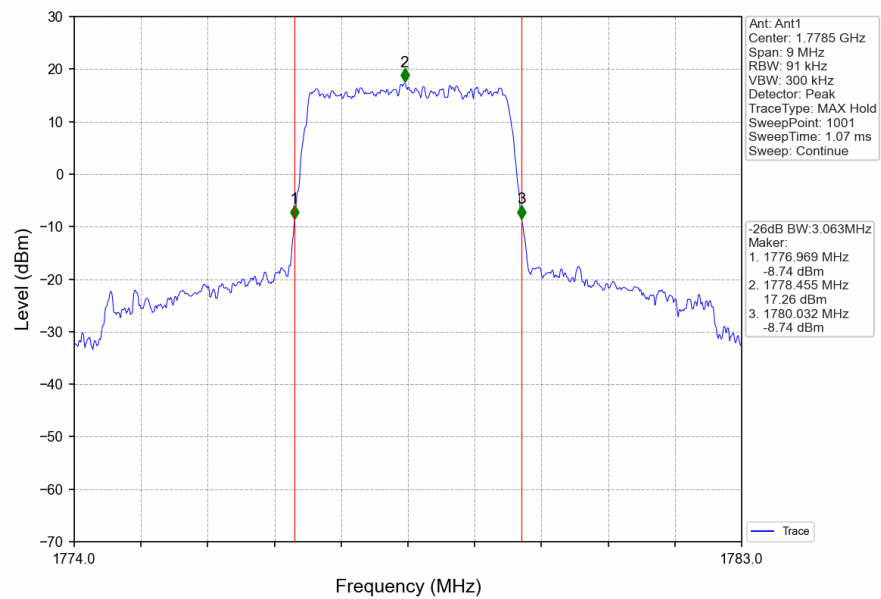
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



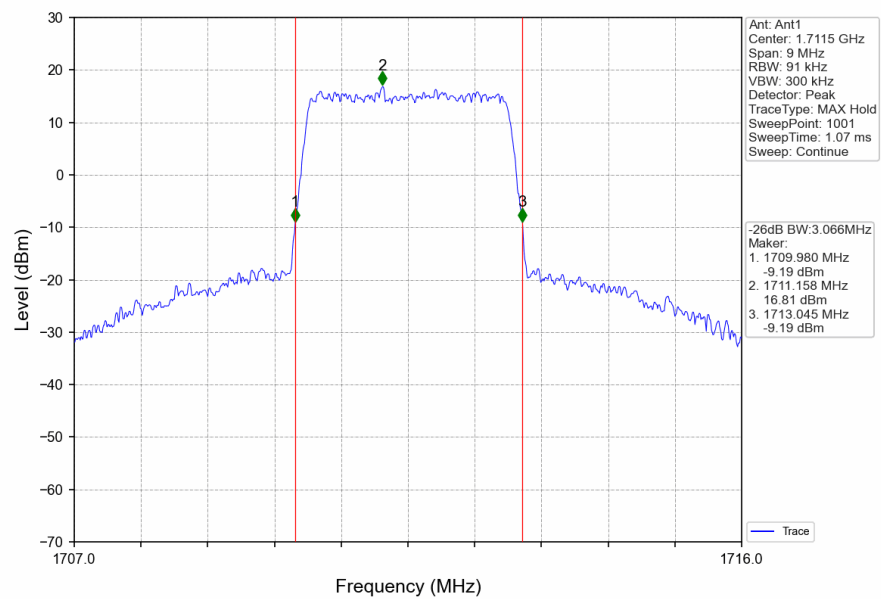
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



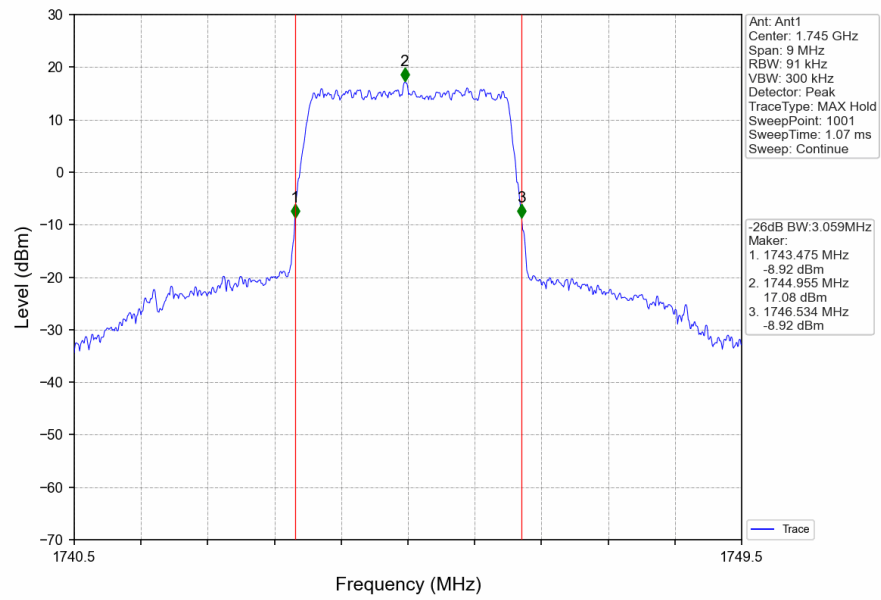
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



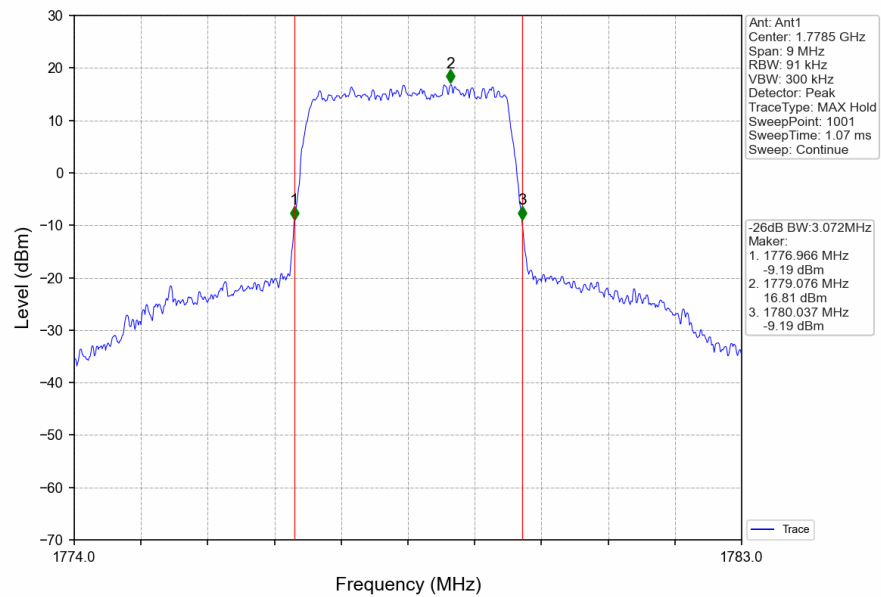
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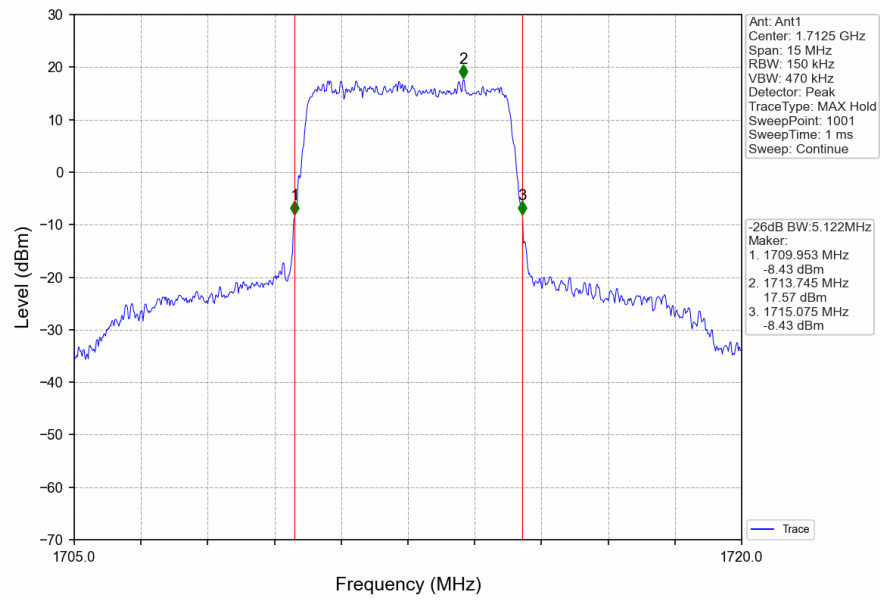
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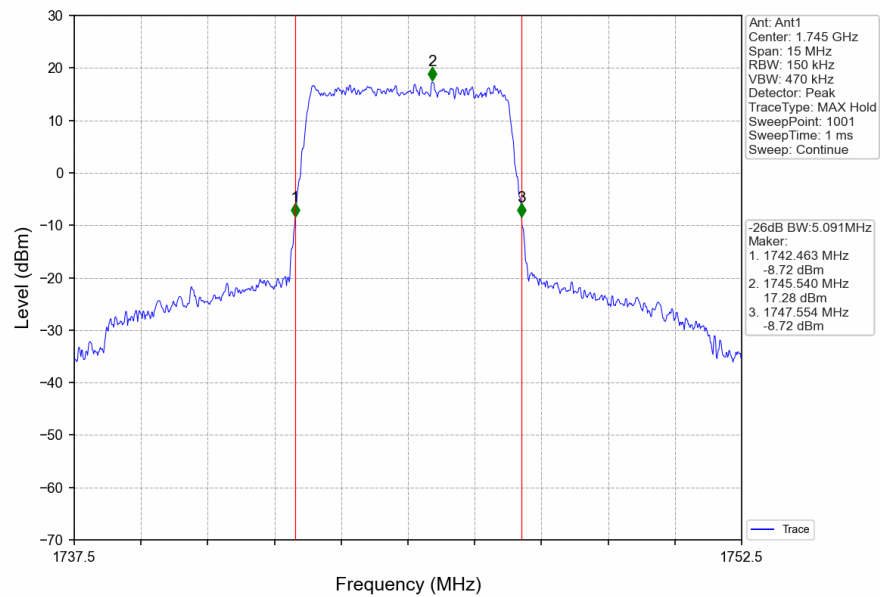
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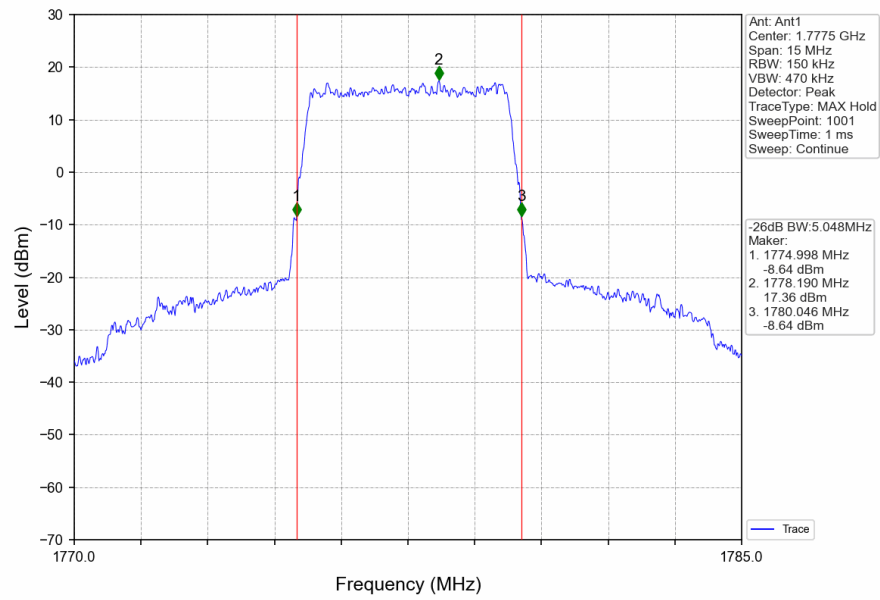
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



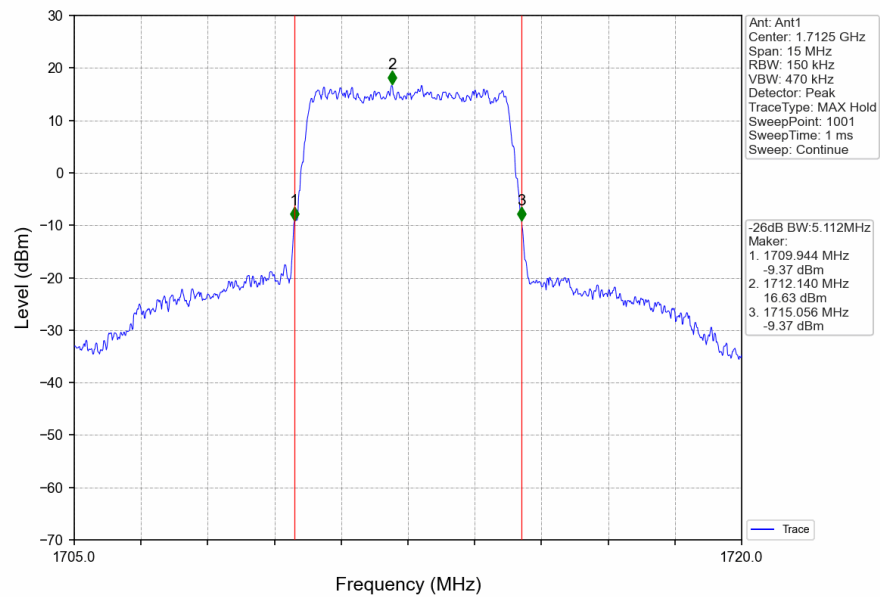
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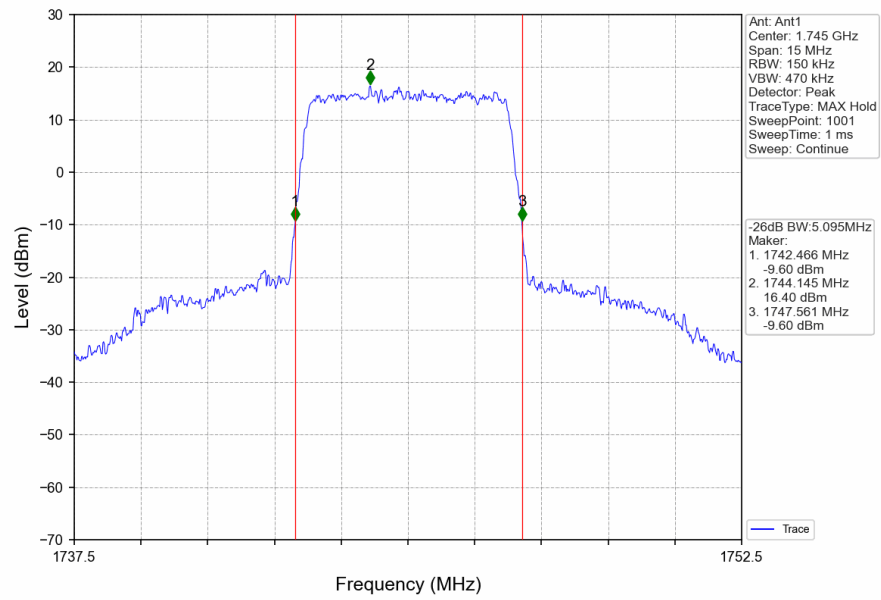
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



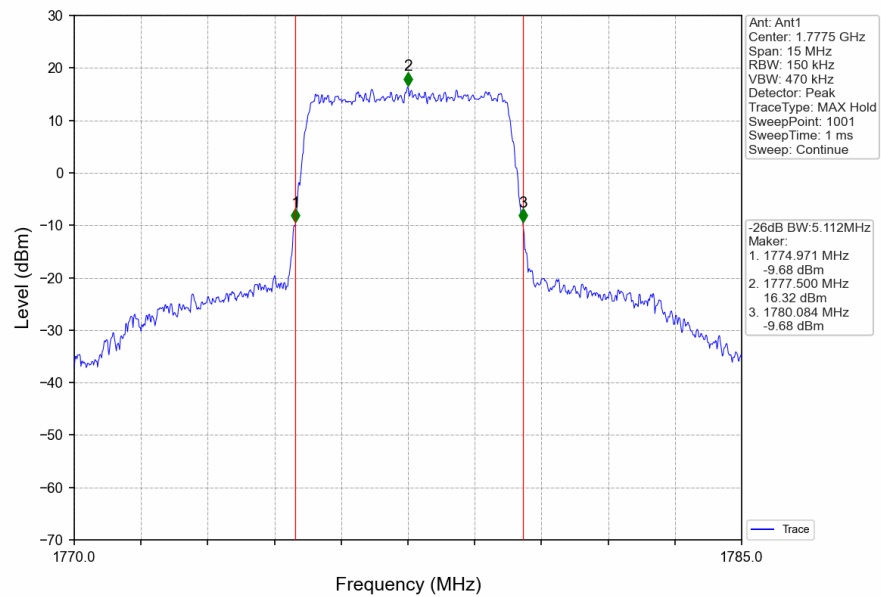
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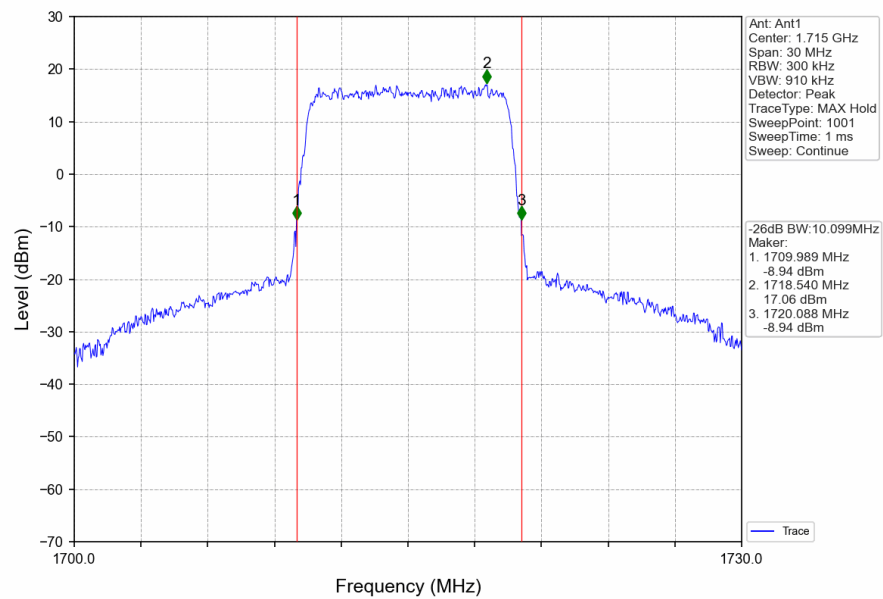
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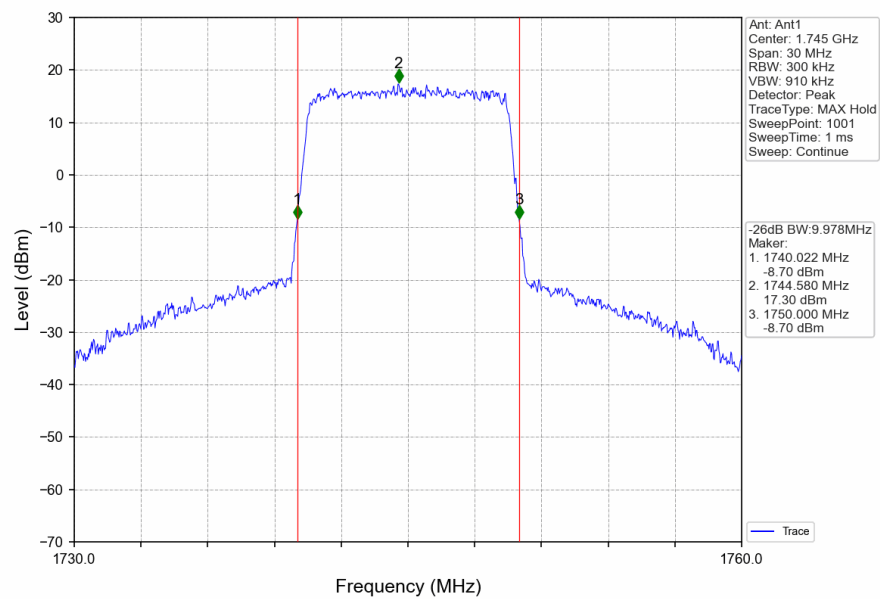
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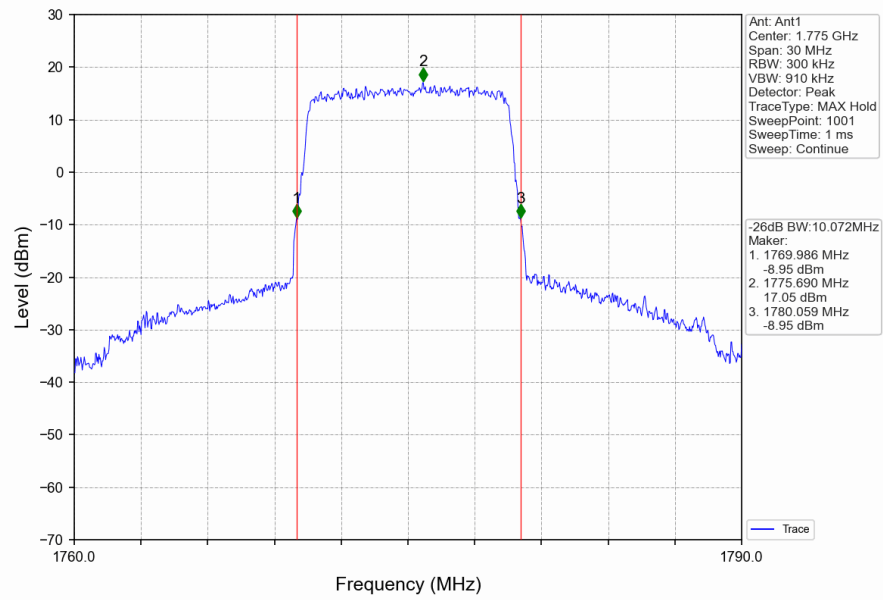
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



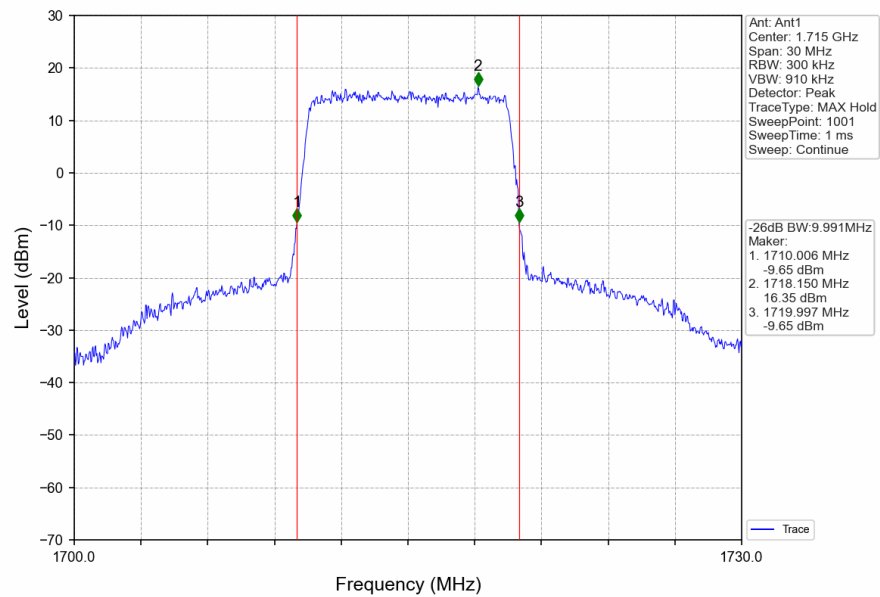
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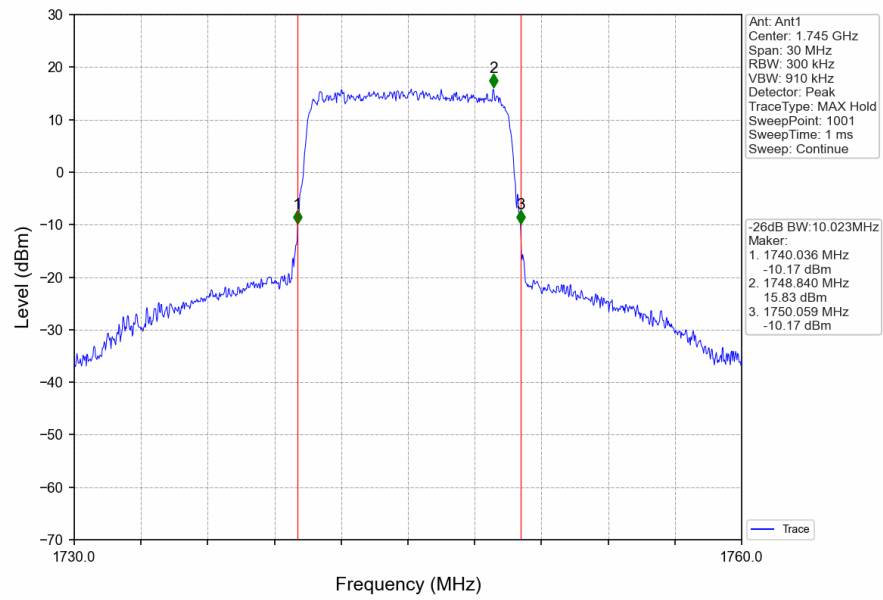
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



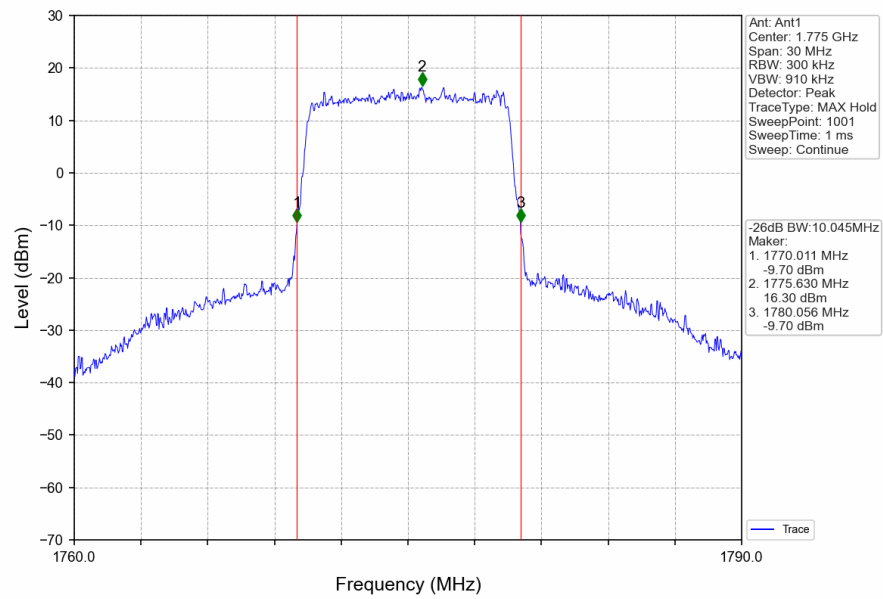
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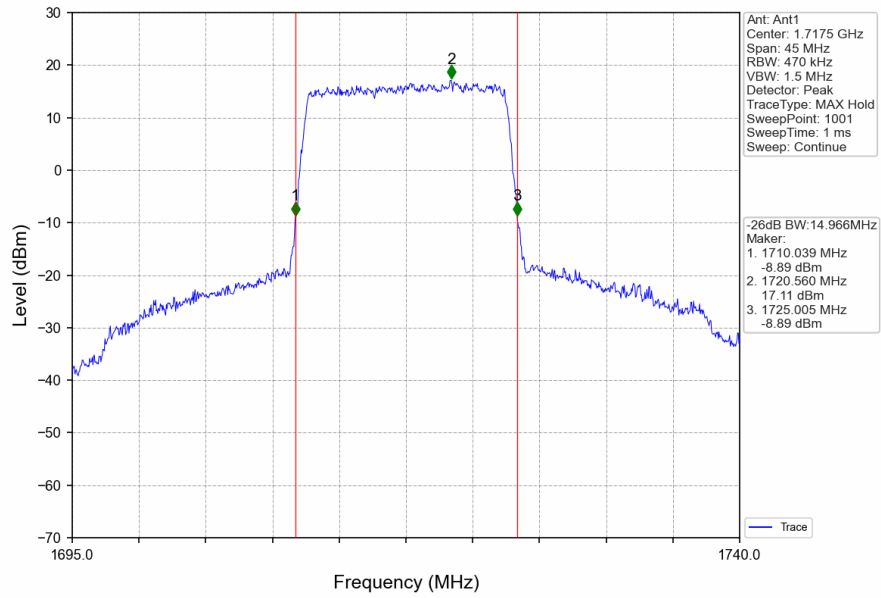
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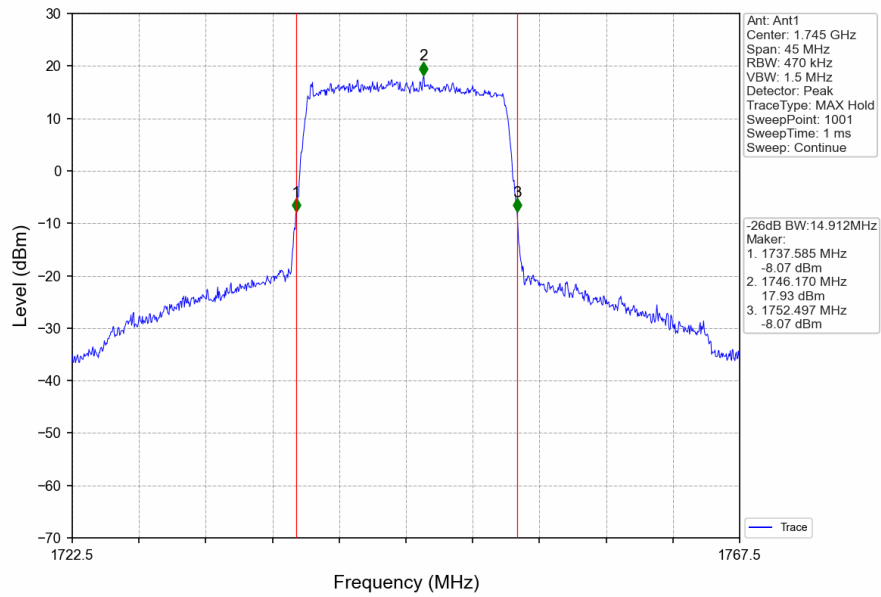
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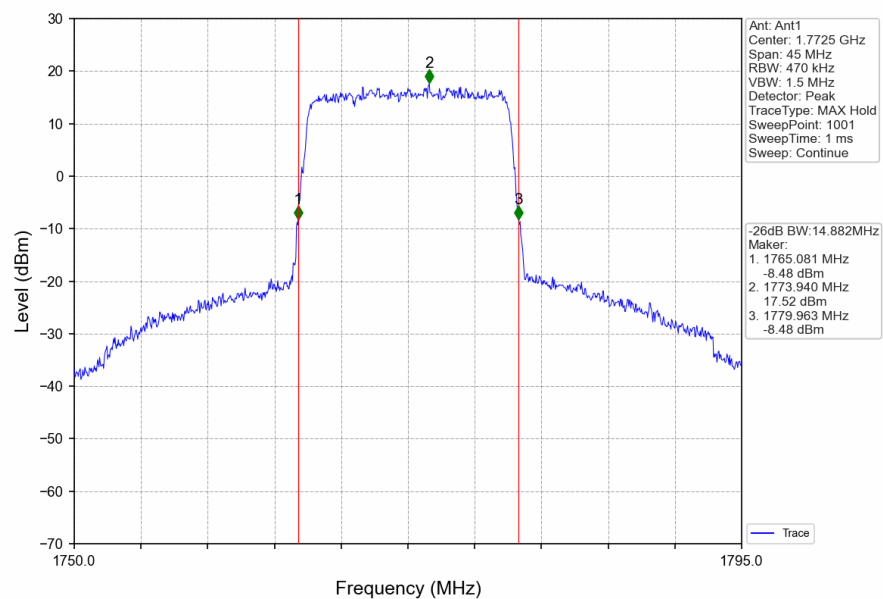
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



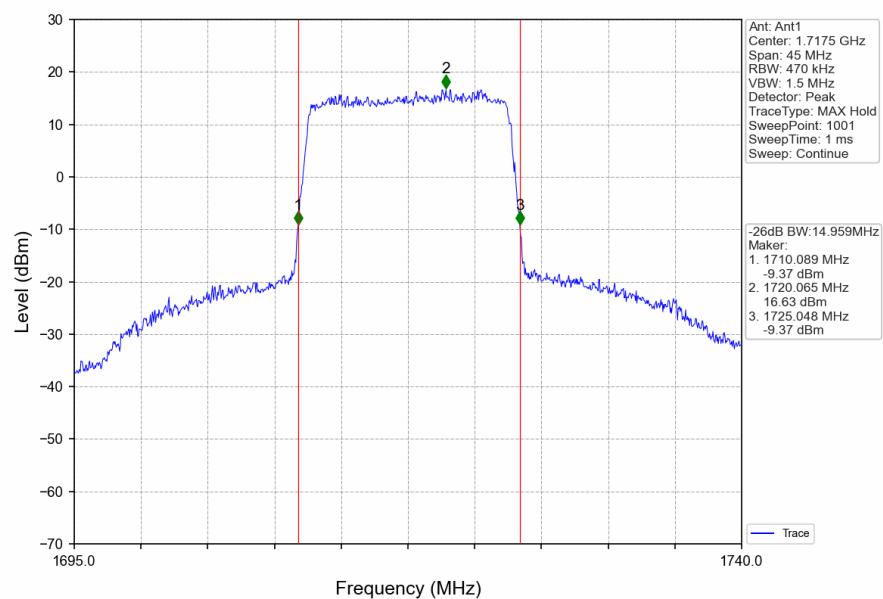
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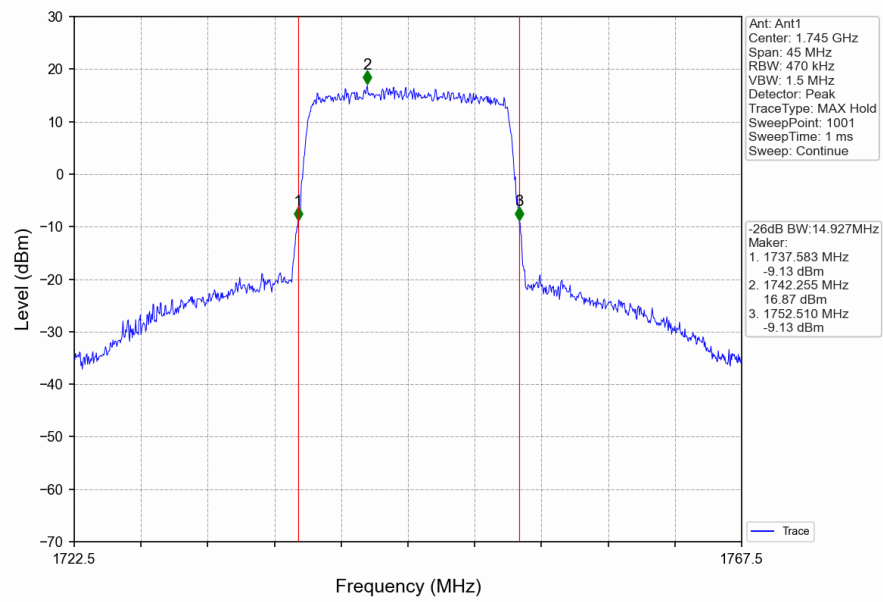
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



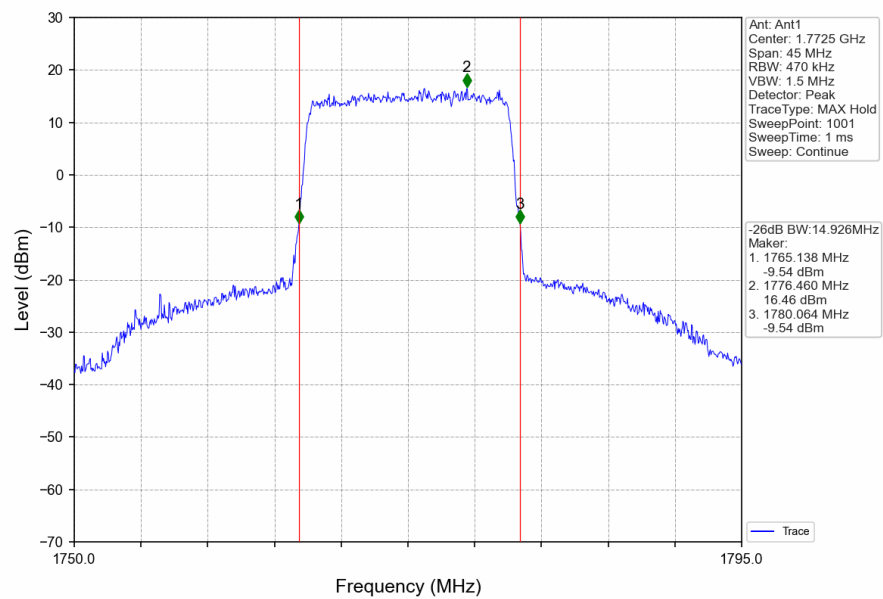
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



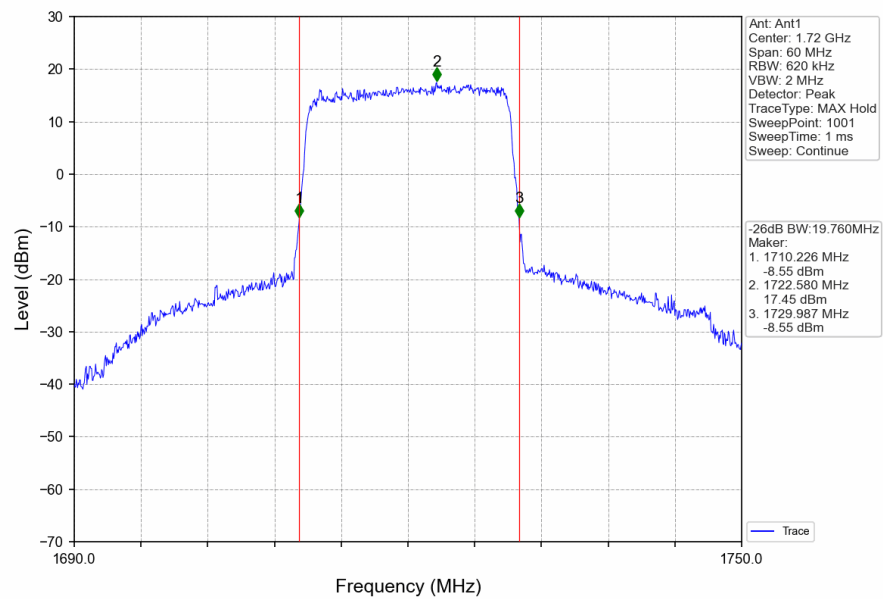
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



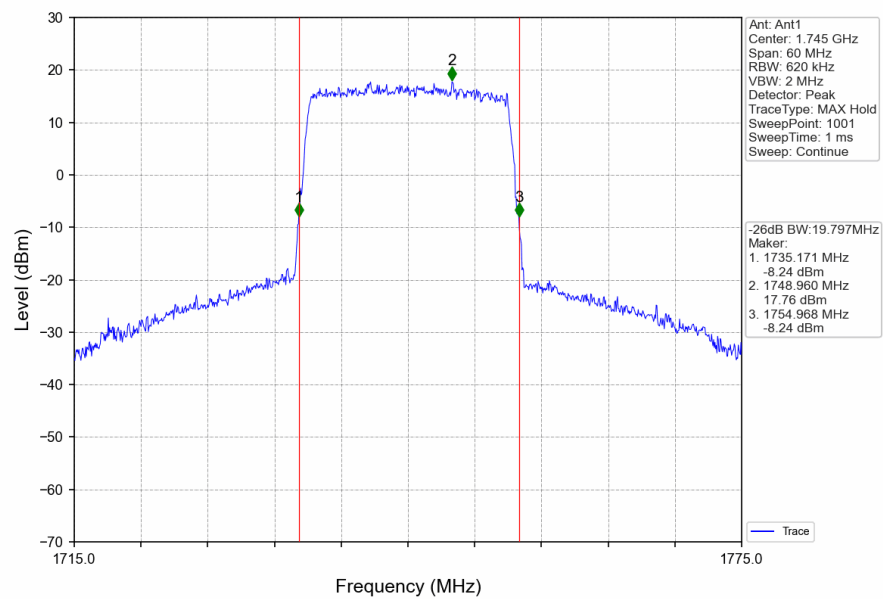
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



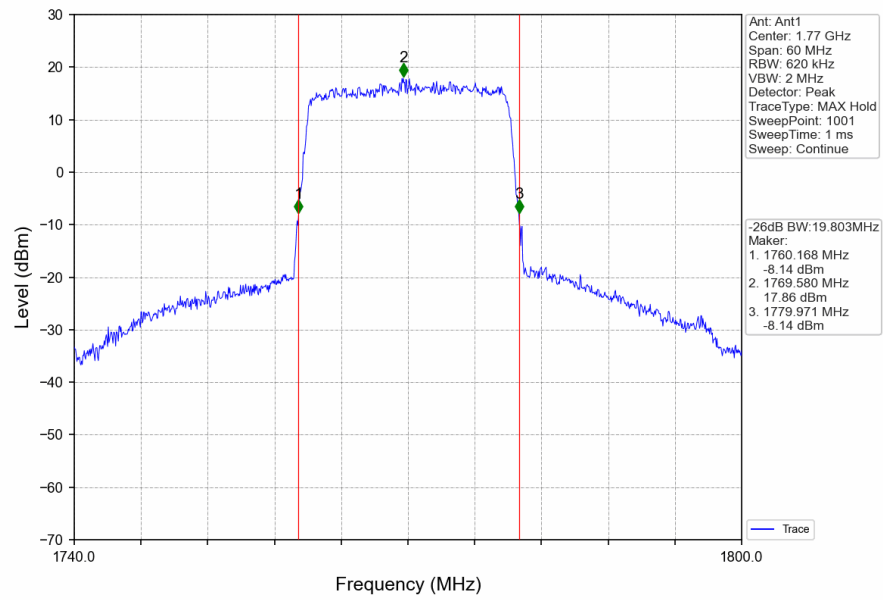
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



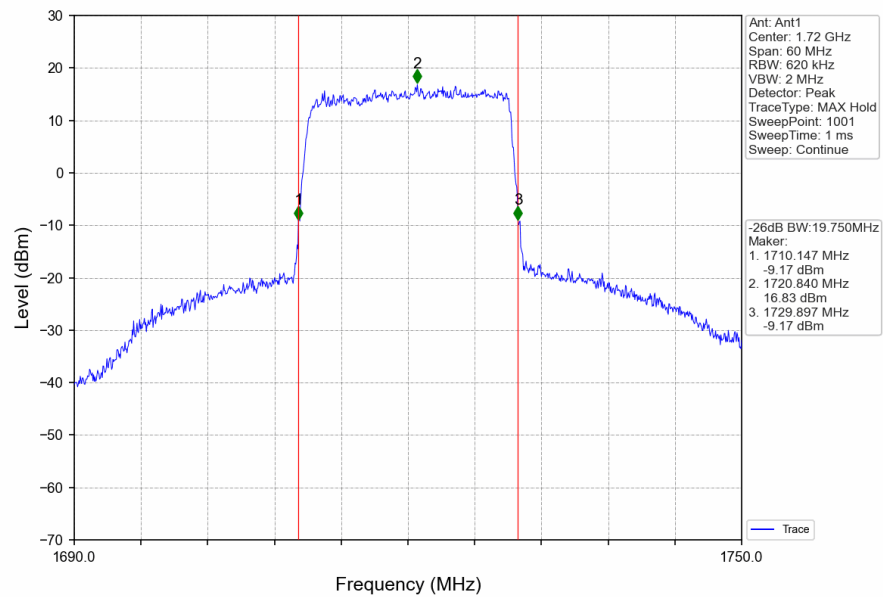
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



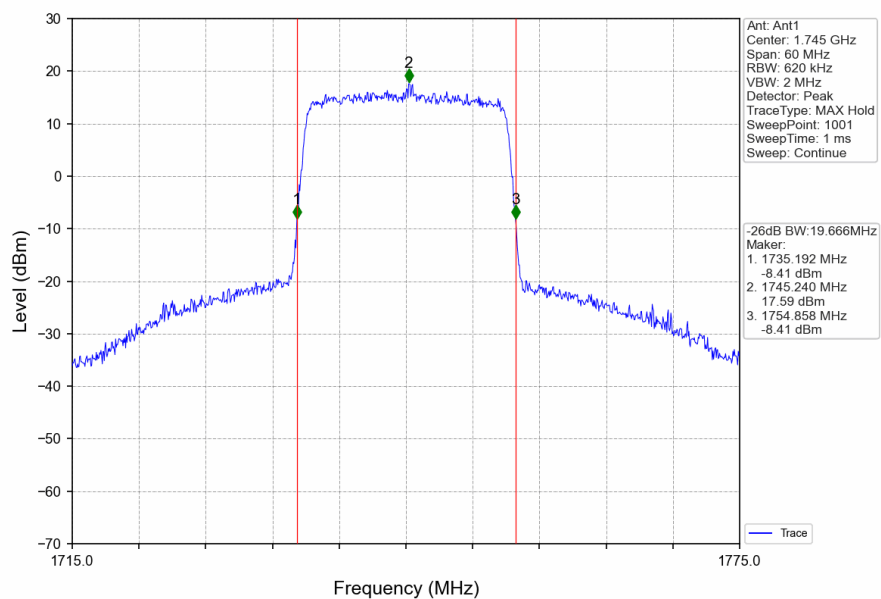
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



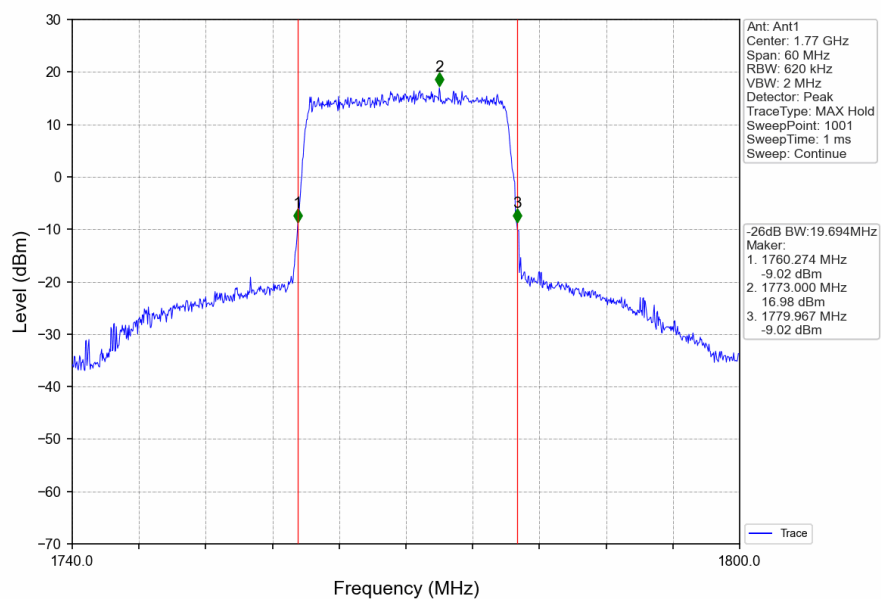
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



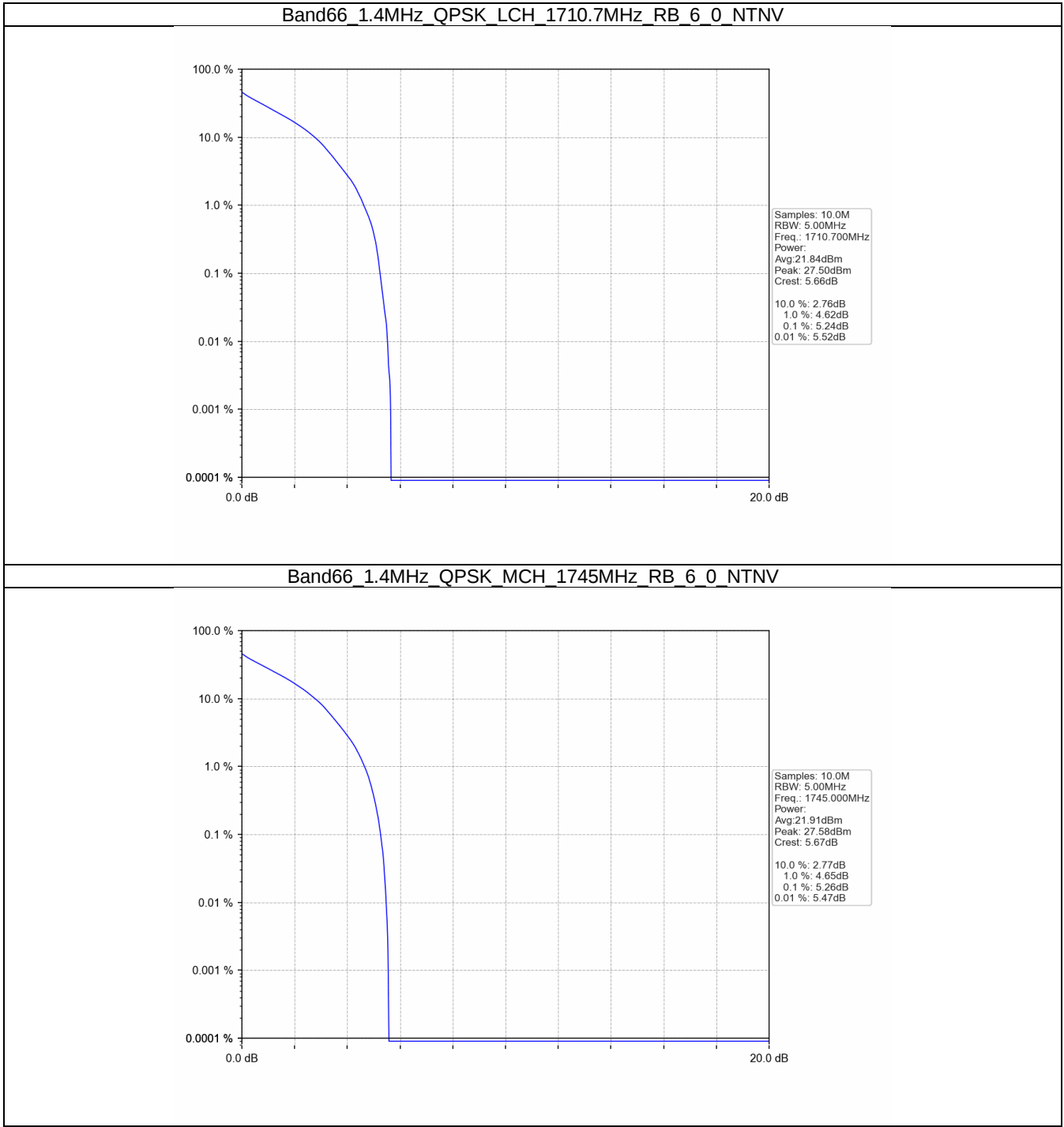
5. Peak-Average Ratio

5.1 B66_1.4MHz

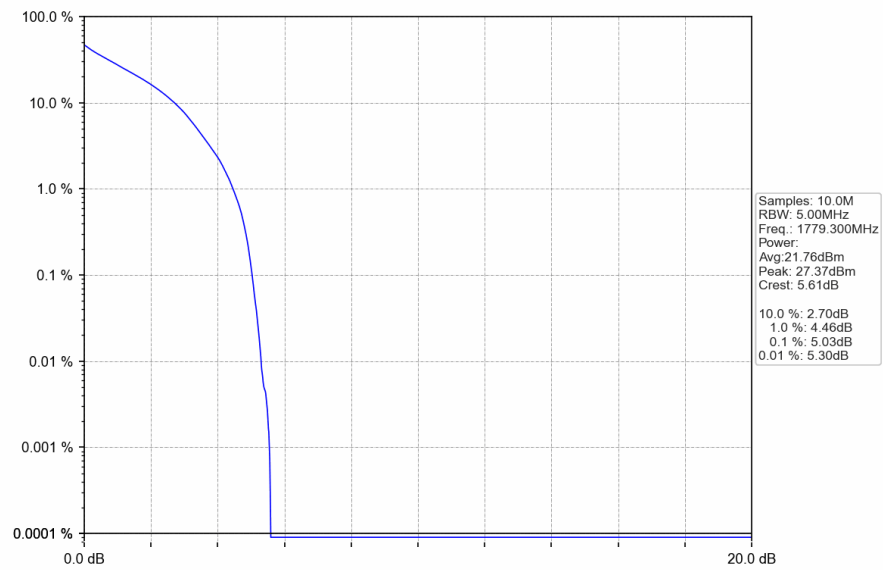
5.1.1 Test Result

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	5.24	<=13	Pass
	1745	6	0	5.26	<=13	Pass
	1779.3	6	0	5.03	<=13	Pass
16QAM	1710.7	6	0	6.20	<=13	Pass
	1745	6	0	6.20	<=13	Pass
	1779.3	6	0	5.95	<=13	Pass

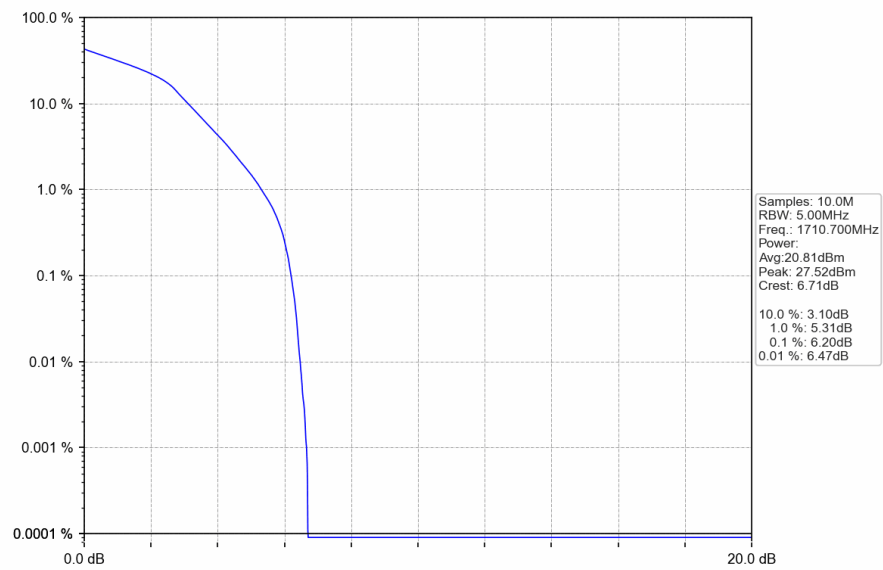
5.1.2 Test Graph



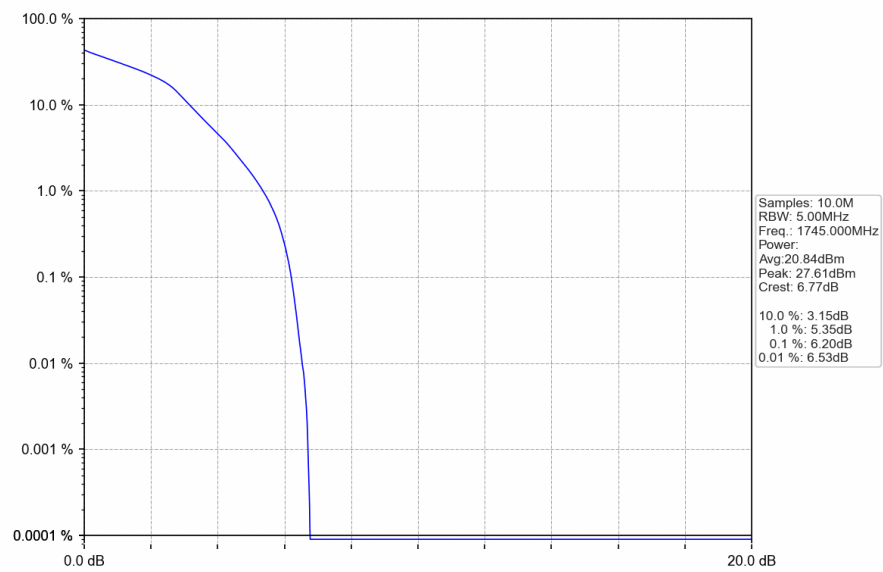
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



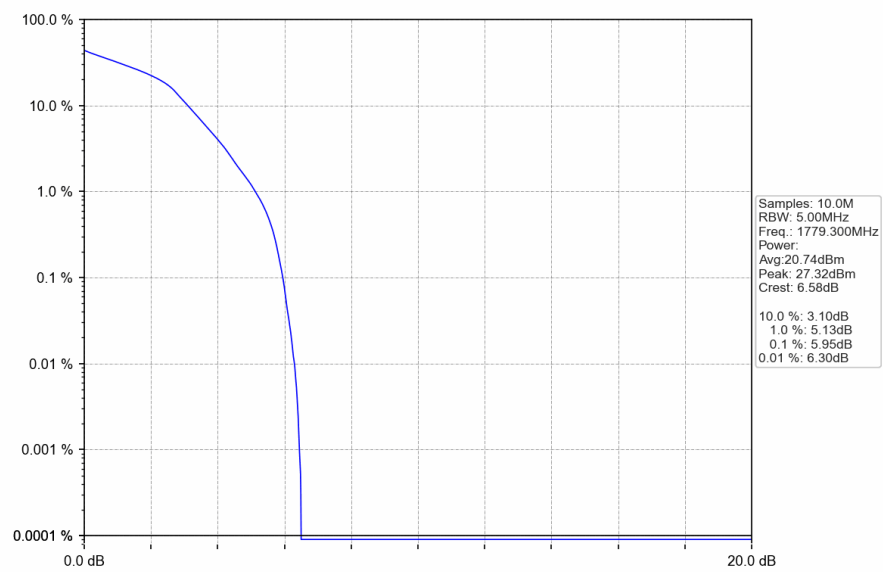
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

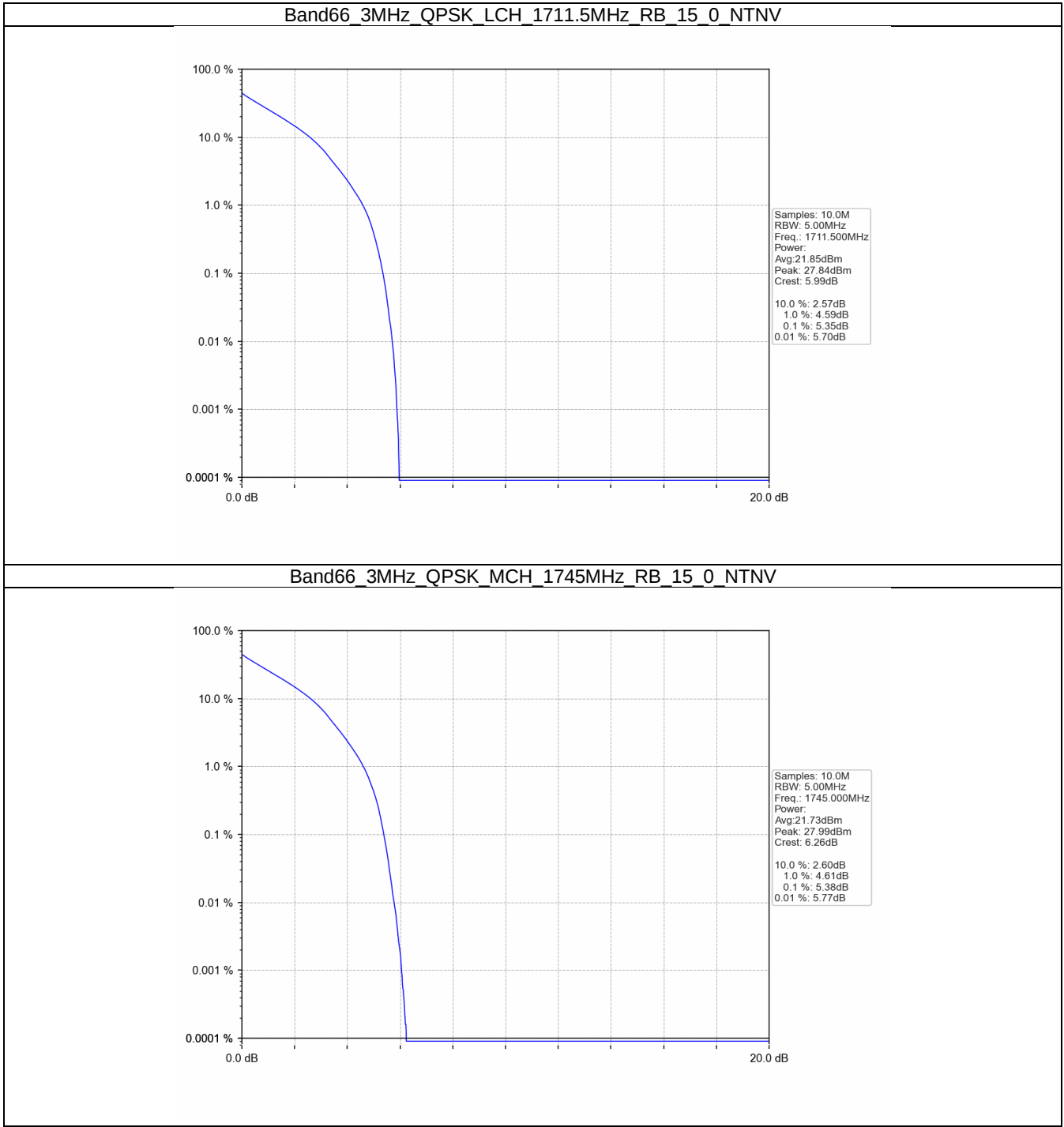


5.2 B66_3MHz

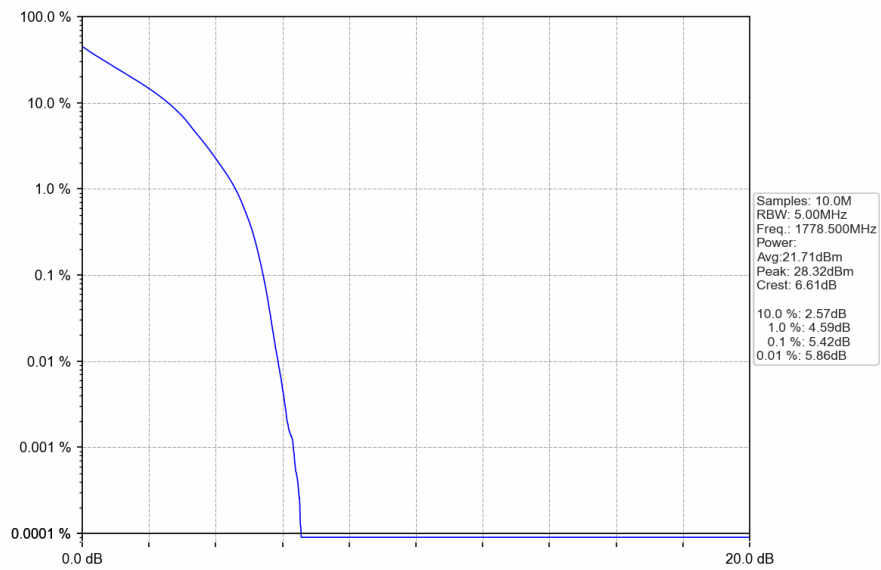
5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.35	<=13	Pass
	1745	15	0	5.38	<=13	Pass
	1778.5	15	0	5.42	<=13	Pass
16QAM	1711.5	15	0	6.27	<=13	Pass
	1745	15	0	6.30	<=13	Pass
	1778.5	15	0	6.24	<=13	Pass

5.2.2 Test Graph



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

