

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1710.7	1	0	22.33	-1.39	20.94	<=30	Pass	
			2	21.90	-1.39	20.51	<=30	Pass	
			5	21.76	-1.39	20.37	<=30	Pass	
		3	0	21.59	-1.39	20.20	<=30	Pass	
			2	21.59	-1.39	20.20	<=30	Pass	
			3	21.57	-1.39	20.18	<=30	Pass	
		6	0	20.89	-1.39	19.50	<=30	Pass	
	1745	1	0	22.59	-1.39	21.20	<=30	Pass	
			2	22.75	-1.39	21.36	<=30	Pass	
			5	22.33	-1.39	20.94	<=30	Pass	
		3	0	22.61	-1.39	21.22	<=30	Pass	
			2	22.43	-1.39	21.04	<=30	Pass	
			3	22.25	-1.39	20.86	<=30	Pass	
	1779.3	6	0	21.11	-1.39	19.72	<=30	Pass	
			1	0	21.97	-1.39	20.58	<=30	Pass
				2	22.04	-1.39	20.65	<=30	Pass
		5		21.98	-1.39	20.59	<=30	Pass	
		3	0	22.11	-1.39	20.72	<=30	Pass	
			2	22.05	-1.39	20.66	<=30	Pass	
			3	21.95	-1.39	20.56	<=30	Pass	
	16QAM	1710.7	6	0	21.18	-1.39	19.79	<=30	Pass
1				0	20.67	-1.39	19.28	<=30	Pass
				2	20.80	-1.39	19.41	<=30	Pass
			5	21.07	-1.39	19.68	<=30	Pass	
3			0	20.86	-1.39	19.47	<=30	Pass	
			2	20.91	-1.39	19.52	<=30	Pass	
			3	20.99	-1.39	19.60	<=30	Pass	
6		0	19.78	-1.39	18.39	<=30	Pass		
1745		1	0	21.63	-1.39	20.24	<=30	Pass	
			2	21.37	-1.39	19.98	<=30	Pass	
			5	21.22	-1.39	19.83	<=30	Pass	
		3	0	21.53	-1.39	20.14	<=30	Pass	
			2	21.36	-1.39	19.97	<=30	Pass	
			3	21.30	-1.39	19.91	<=30	Pass	
6		0	20.25	-1.39	18.86	<=30	Pass		
1779.3		1	0	21.16	-1.39	19.77	<=30	Pass	
			2	21.26	-1.39	19.87	<=30	Pass	
			5	21.28	-1.39	19.89	<=30	Pass	
		3	0	21.14	-1.39	19.75	<=30	Pass	
			2	21.14	-1.39	19.75	<=30	Pass	
			3	21.1	-1.39	19.71	<=30	Pass	
	6	0	20.32	-1.39	18.93	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.88	-1.39	20.49	<=30	Pass
			7	22.15	-1.39	20.76	<=30	Pass
			14	22.23	-1.39	20.84	<=30	Pass
		8	0	20.90	-1.39	19.51	<=30	Pass
			4	21.09	-1.39	19.70	<=30	Pass
			7	21.14	-1.39	19.75	<=30	Pass
		15	0	21.00	-1.39	19.61	<=30	Pass
	1745	1	0	22.92	-1.39	21.53	<=30	Pass
			7	22.76	-1.39	21.37	<=30	Pass
			14	22.39	-1.39	21.00	<=30	Pass
		8	0	21.86	-1.39	20.47	<=30	Pass
			4	21.71	-1.39	20.32	<=30	Pass
			7	21.64	-1.39	20.25	<=30	Pass
		15	0	21.66	-1.39	20.27	<=30	Pass
	1778.5	1	0	21.84	-1.39	20.45	<=30	Pass
			7	21.88	-1.39	20.49	<=30	Pass
			14	21.74	-1.39	20.35	<=30	Pass
		8	0	21.11	-1.39	19.72	<=30	Pass
			4	21.12	-1.39	19.73	<=30	Pass
			7	21.08	-1.39	19.69	<=30	Pass
		15	0	20.62	-1.39	19.23	<=30	Pass
16QAM	1711.5	1	0	21.24	-1.39	19.85	<=30	Pass
			7	21.68	-1.39	20.29	<=30	Pass
			14	21.80	-1.39	20.41	<=30	Pass
		8	0	20.20	-1.39	18.81	<=30	Pass
			4	20.44	-1.39	19.05	<=30	Pass
			7	20.53	-1.39	19.14	<=30	Pass
		15	0	20.30	-1.39	18.91	<=30	Pass
	1745	1	0	21.92	-1.39	20.53	<=30	Pass
			7	21.82	-1.39	20.43	<=30	Pass
			14	21.52	-1.39	20.13	<=30	Pass
		8	0	20.92	-1.39	19.53	<=30	Pass
			4	20.88	-1.39	19.49	<=30	Pass
			7	20.82	-1.39	19.43	<=30	Pass
		15	0	20.89	-1.39	19.50	<=30	Pass
	1778.5	1	0	20.70	-1.39	19.31	<=30	Pass
			7	20.78	-1.39	19.39	<=30	Pass
			14	20.54	-1.39	19.15	<=30	Pass
		8	0	19.94	-1.39	18.55	<=30	Pass
			4	19.98	-1.39	18.59	<=30	Pass
			7	19.97	-1.39	18.58	<=30	Pass
		15	0	19.95	-1.39	18.56	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.81	-1.39	20.42	<=30	Pass
			13	22.26	-1.39	20.87	<=30	Pass
			24	22.53	-1.39	21.14	<=30	Pass
		12	0	20.74	-1.39	19.35	<=30	Pass
			6	21.02	-1.39	19.63	<=30	Pass
			13	21.20	-1.39	19.81	<=30	Pass
		25	0	20.96	-1.39	19.57	<=30	Pass
	1745	1	0	22.62	-1.39	21.23	<=30	Pass
			13	22.29	-1.39	20.90	<=30	Pass
			24	21.92	-1.39	20.53	<=30	Pass
		12	0	21.39	-1.39	20.00	<=30	Pass
			6	21.30	-1.39	19.91	<=30	Pass
			13	21.08	-1.39	19.69	<=30	Pass
		25	0	21.24	-1.39	19.85	<=30	Pass
	1777.5	1	0	21.90	-1.39	20.51	<=30	Pass
			13	21.69	-1.39	20.30	<=30	Pass
			24	21.62	-1.39	20.23	<=30	Pass
		12	0	20.96	-1.39	19.57	<=30	Pass
			6	20.94	-1.39	19.55	<=30	Pass
			13	20.80	-1.39	19.41	<=30	Pass
		25	0	20.91	-1.39	19.52	<=30	Pass
16QAM	1712.5	1	0	20.92	-1.39	19.53	<=30	Pass
			13	20.99	-1.39	19.60	<=30	Pass
			24	21.34	-1.39	19.95	<=30	Pass
		12	0	19.84	-1.39	18.45	<=30	Pass
			6	20.24	-1.39	18.85	<=30	Pass
			13	20.43	-1.39	19.04	<=30	Pass
		25	0	20.22	-1.39	18.83	<=30	Pass
	1745	1	0	21.84	-1.39	20.45	<=30	Pass
			13	21.58	-1.39	20.19	<=30	Pass
			24	21.28	-1.39	19.89	<=30	Pass
		12	0	20.67	-1.39	19.28	<=30	Pass
			6	20.68	-1.39	19.29	<=30	Pass
			13	20.46	-1.39	19.07	<=30	Pass
		25	0	20.53	-1.39	19.14	<=30	Pass
	1777.5	1	0	21.15	-1.39	19.76	<=30	Pass
			13	21.04	-1.39	19.65	<=30	Pass
			24	20.78	-1.39	19.39	<=30	Pass
		12	0	19.70	-1.39	18.31	<=30	Pass
6			19.68	-1.39	18.29	<=30	Pass	
13			19.55	-1.39	18.16	<=30	Pass	
25		0	19.72	-1.39	18.33	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.78	-1.39	20.39	<=30	Pass
			25	22.71	-1.39	21.32	<=30	Pass
			49	23.35	-1.39	21.96	<=30	Pass
		25	0	20.92	-1.39	19.53	<=30	Pass
			13	21.52	-1.39	20.13	<=30	Pass
			25	21.73	-1.39	20.34	<=30	Pass
		50	0	21.26	-1.39	19.87	<=30	Pass
	1745	1	0	22.87	-1.39	21.48	<=30	Pass
			25	22.78	-1.39	21.39	<=30	Pass
			49	22.51	-1.39	21.12	<=30	Pass
		25	0	21.19	-1.39	19.80	<=30	Pass
			13	21.04	-1.39	19.65	<=30	Pass
			25	20.84	-1.39	19.45	<=30	Pass
		50	0	20.75	-1.39	19.36	<=30	Pass
	1775	1	0	21.88	-1.39	20.49	<=30	Pass
			25	21.96	-1.39	20.57	<=30	Pass
			49	21.85	-1.39	20.46	<=30	Pass
		25	0	20.69	-1.39	19.30	<=30	Pass
			13	20.81	-1.39	19.42	<=30	Pass
			25	20.84	-1.39	19.45	<=30	Pass
		50	0	20.69	-1.39	19.30	<=30	Pass
16QAM	1715	1	0	20.96	-1.39	19.57	<=30	Pass
			25	22.01	-1.39	20.62	<=30	Pass
			49	22.18	-1.39	20.79	<=30	Pass
		12	0	20.70	-1.39	19.31	<=30	Pass
			19	21.47	-1.39	20.08	<=30	Pass
			38	21.32	-1.39	19.93	<=30	Pass
		27	0	19.81	-1.39	18.42	<=30	Pass
	1745	1	0	21.85	-1.39	20.46	<=30	Pass
			25	21.29	-1.39	19.90	<=30	Pass
			49	20.69	-1.39	19.30	<=30	Pass
		12	0	21.40	-1.39	20.01	<=30	Pass
			19	21.11	-1.39	19.72	<=30	Pass
			38	20.54	-1.39	19.15	<=30	Pass
		27	0	20.35	-1.39	18.96	<=30	Pass
	1775	1	0	20.74	-1.39	19.35	<=30	Pass
			25	20.91	-1.39	19.52	<=30	Pass
			49	20.84	-1.39	19.45	<=30	Pass
		12	0	20.18	-1.39	18.79	<=30	Pass
			19	20.50	-1.39	19.11	<=30	Pass
			38	19.87	-1.39	18.48	<=30	Pass
		27	23	19.71	-1.39	18.32	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.31	-1.39	20.92	<=30	Pass
			38	23.19	-1.39	21.80	<=30	Pass
			74	23.38	-1.39	21.99	<=30	Pass
		36	0	21.77	-1.39	20.38	<=30	Pass
			18	22.37	-1.39	20.98	<=30	Pass
			39	22.26	-1.39	20.87	<=30	Pass
		75	0	21.96	-1.39	20.57	<=30	Pass
	1745	1	0	23.40	-1.39	22.01	<=30	Pass
			38	22.76	-1.39	21.37	<=30	Pass
			74	22.48	-1.39	21.09	<=30	Pass
		36	0	21.89	-1.39	20.50	<=30	Pass
			18	21.91	-1.39	20.52	<=30	Pass
			39	21.47	-1.39	20.08	<=30	Pass
		75	0	21.90	-1.39	20.51	<=30	Pass
	1772.5	1	0	22.43	-1.39	21.04	<=30	Pass
			38	22.63	-1.39	21.24	<=30	Pass
			74	22.30	-1.39	20.91	<=30	Pass
		36	0	21.53	-1.39	20.14	<=30	Pass
			18	21.77	-1.39	20.38	<=30	Pass
			39	21.66	-1.39	20.27	<=30	Pass
		75	0	21.59	-1.39	20.20	<=30	Pass
16QAM	1717.5	1	0	21.54	-1.39	20.15	<=30	Pass
			38	21.80	-1.39	20.41	<=30	Pass
			74	22.12	-1.39	20.73	<=30	Pass
		12	0	20.93	-1.39	19.54	<=30	Pass
			31	21.30	-1.39	19.91	<=30	Pass
			63	21.33	-1.39	19.94	<=30	Pass
		27	0	20.50	-1.39	19.11	<=30	Pass
	1745	1	0	22.36	-1.39	20.97	<=30	Pass
			38	22.21	-1.39	20.82	<=30	Pass
			74	21.76	-1.39	20.37	<=30	Pass
		12	0	21.38	-1.39	19.99	<=30	Pass
			31	21.19	-1.39	19.80	<=30	Pass
			63	21.07	-1.39	19.68	<=30	Pass
		27	0	21.02	-1.39	19.63	<=30	Pass
	1772.5	1	0	21.25	-1.39	19.86	<=30	Pass
			38	21.84	-1.39	20.45	<=30	Pass
			74	21.43	-1.39	20.04	<=30	Pass
		12	0	21.11	-1.39	19.72	<=30	Pass
			31	21.06	-1.39	19.67	<=30	Pass
			63	21.12	-1.39	19.73	<=30	Pass
		27	48	20.55	-1.39	19.16	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.71	-1.39	21.32	<=30	Pass
			50	23.26	-1.39	21.87	<=30	Pass
			99	23.34	-1.39	21.95	<=30	Pass
		50	0	22.22	-1.39	20.83	<=30	Pass
			25	22.18	-1.39	20.79	<=30	Pass
			50	22.24	-1.39	20.85	<=30	Pass
		100	0	22.15	-1.39	20.76	<=30	Pass
	1745	1	0	23.30	-1.39	21.91	<=30	Pass
			50	23.27	-1.39	21.88	<=30	Pass
			99	22.64	-1.39	21.25	<=30	Pass
		50	0	22.30	-1.39	20.91	<=30	Pass
			25	22.25	-1.39	20.86	<=30	Pass
			50	21.78	-1.39	20.39	<=30	Pass
		100	0	22.33	-1.39	20.94	<=30	Pass
	1770	1	0	22.25	-1.39	20.86	<=30	Pass
			50	22.49	-1.39	21.10	<=30	Pass
			99	22.22	-1.39	20.83	<=30	Pass
		50	0	21.26	-1.39	19.87	<=30	Pass
			25	21.53	-1.39	20.14	<=30	Pass
			50	21.43	-1.39	20.04	<=30	Pass
		100	0	21.20	-1.39	19.81	<=30	Pass
16QAM	1720	1	0	21.57	-1.39	20.18	<=30	Pass
			50	22.07	-1.39	20.68	<=30	Pass
			99	22.38	-1.39	20.99	<=30	Pass
		12	0	20.80	-1.39	19.41	<=30	Pass
			44	21.28	-1.39	19.89	<=30	Pass
			88	21.39	-1.39	20.00	<=30	Pass
		27	0	20.70	-1.39	19.31	<=30	Pass
	1745	1	0	22.21	-1.39	20.82	<=30	Pass
			50	22.22	-1.39	20.83	<=30	Pass
			99	21.43	-1.39	20.04	<=30	Pass
		12	0	21.44	-1.39	20.05	<=30	Pass
			44	21.35	-1.39	19.96	<=30	Pass
			88	21.02	-1.39	19.63	<=30	Pass
		27	0	21.29	-1.39	19.90	<=30	Pass
	1770	1	0	21.03	-1.39	19.64	<=30	Pass
			50	21.63	-1.39	20.24	<=30	Pass
			99	21.03	-1.39	19.64	<=30	Pass
		12	0	20.70	-1.39	19.31	<=30	Pass
44			20.78	-1.39	19.39	<=30	Pass	
88			20.69	-1.39	19.30	<=30	Pass	
27		73	20.12	-1.39	18.73	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.40	-3.905	-0.0023	-2.5 to 2.5	Pass
					3.70	19.298	0.0113	-2.5 to 2.5	Pass
					4.20	18.439	0.0108	-2.5 to 2.5	Pass
				-30	3.70	18.840	0.0110	-2.5 to 2.5	Pass
				-20	3.70	19.970	0.0117	-2.5 to 2.5	Pass
				-10	3.70	18.668	0.0109	-2.5 to 2.5	Pass
				0	3.70	17.695	0.0103	-2.5 to 2.5	Pass
				10	3.70	19.555	0.0114	-2.5 to 2.5	Pass
				30	3.70	18.697	0.0109	-2.5 to 2.5	Pass
				40	3.70	16.451	0.0096	-2.5 to 2.5	Pass
				50	3.70	17.438	0.0102	-2.5 to 2.5	Pass
	1745	6	0	20	3.40	12.689	0.0073	-2.5 to 2.5	Pass
					3.70	17.996	0.0103	-2.5 to 2.5	Pass
					4.20	-4.663	-0.0027	-2.5 to 2.5	Pass
				-30	3.70	17.695	0.0101	-2.5 to 2.5	Pass
				-20	3.70	17.667	0.0101	-2.5 to 2.5	Pass
				-10	3.70	16.894	0.0097	-2.5 to 2.5	Pass
				0	3.70	16.437	0.0094	-2.5 to 2.5	Pass
				10	3.70	20.370	0.0117	-2.5 to 2.5	Pass
				30	3.70	17.109	0.0098	-2.5 to 2.5	Pass
				40	3.70	20.514	0.0118	-2.5 to 2.5	Pass
				50	3.70	16.022	0.0092	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.40	-15.049	-0.0085	-2.5 to 2.5	Pass
					3.70	-19.541	-0.0110	-2.5 to 2.5	Pass
					4.20	-10.500	-0.0059	-2.5 to 2.5	Pass
				-30	3.70	-15.807	-0.0089	-2.5 to 2.5	Pass
				-20	3.70	13.061	0.0073	-2.5 to 2.5	Pass
				-10	3.70	20.370	0.0114	-2.5 to 2.5	Pass
				0	3.70	-11.687	-0.0066	-2.5 to 2.5	Pass
				10	3.70	-4.807	-0.0027	-2.5 to 2.5	Pass
				30	3.70	-17.424	-0.0098	-2.5 to 2.5	Pass
				40	3.70	-16.050	-0.0090	-2.5 to 2.5	Pass
				50	3.70	-17.195	-0.0097	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.40	18.682	0.0109	-2.5 to 2.5	Pass
					3.70	16.637	0.0097	-2.5 to 2.5	Pass
					4.20	13.876	0.0081	-2.5 to 2.5	Pass
				-30	3.70	-15.707	-0.0092	-2.5 to 2.5	Pass
				-20	3.70	-16.050	-0.0094	-2.5 to 2.5	Pass
				-10	3.70	20.270	0.0118	-2.5 to 2.5	Pass
				0	3.70	16.122	0.0094	-2.5 to 2.5	Pass
				10	3.70	18.854	0.0110	-2.5 to 2.5	Pass
				30	3.70	19.612	0.0115	-2.5 to 2.5	Pass
				40	3.70	-5.035	-0.0029	-2.5 to 2.5	Pass
				50	3.70	18.396	0.0108	-2.5 to 2.5	Pass
	1745	6	0	20	3.40	14.205	0.0081	-2.5 to 2.5	Pass
					3.70	-16.665	-0.0096	-2.5 to 2.5	Pass

					4.20	-19.341	-0.0111	-2.5 to 2.5	Pass
				-30	3.70	-18.768	-0.0108	-2.5 to 2.5	Pass
				-20	3.70	11.559	0.0066	-2.5 to 2.5	Pass
				-10	3.70	-17.452	-0.0100	-2.5 to 2.5	Pass
				0	3.70	-12.317	-0.0071	-2.5 to 2.5	Pass
				10	3.70	13.819	0.0079	-2.5 to 2.5	Pass
				30	3.70	14.834	0.0085	-2.5 to 2.5	Pass
				40	3.70	2.675	0.0015	-2.5 to 2.5	Pass
				50	3.70	19.898	0.0114	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.40	-5.479	-0.0031	-2.5 to 2.5	Pass
					3.70	-14.663	-0.0082	-2.5 to 2.5	Pass
					4.20	-9.570	-0.0054	-2.5 to 2.5	Pass
				-30	3.70	-14.520	-0.0082	-2.5 to 2.5	Pass
				-20	3.70	-17.452	-0.0098	-2.5 to 2.5	Pass
				-10	3.70	-15.836	-0.0089	-2.5 to 2.5	Pass
				0	3.70	-15.278	-0.0086	-2.5 to 2.5	Pass
				10	3.70	-17.810	-0.0100	-2.5 to 2.5	Pass
				30	3.70	-16.651	-0.0094	-2.5 to 2.5	Pass
				40	3.70	16.279	0.0091	-2.5 to 2.5	Pass
				50	3.70	-16.179	-0.0091	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.40	19.298	0.0113	-2.5 to 2.5	Pass
					3.70	20.542	0.0120	-2.5 to 2.5	Pass
					4.20	20.814	0.0122	-2.5 to 2.5	Pass
				-30	3.70	22.902	0.0134	-2.5 to 2.5	Pass
				-20	3.70	19.684	0.0115	-2.5 to 2.5	Pass
				-10	3.70	22.531	0.0132	-2.5 to 2.5	Pass
				0	3.70	21.687	0.0127	-2.5 to 2.5	Pass
				10	3.70	18.625	0.0109	-2.5 to 2.5	Pass
				30	3.70	19.269	0.0113	-2.5 to 2.5	Pass
				40	3.70	20.986	0.0123	-2.5 to 2.5	Pass
				50	3.70	18.568	0.0108	-2.5 to 2.5	Pass
	1745	15	0	20	3.40	-15.564	-0.0089	-2.5 to 2.5	Pass
					3.70	15.836	0.0091	-2.5 to 2.5	Pass
					4.20	15.922	0.0091	-2.5 to 2.5	Pass
				-30	3.70	19.598	0.0112	-2.5 to 2.5	Pass
				-20	3.70	18.067	0.0104	-2.5 to 2.5	Pass
				-10	3.70	16.594	0.0095	-2.5 to 2.5	Pass
				0	3.70	17.624	0.0101	-2.5 to 2.5	Pass
				10	3.70	-8.926	-0.0051	-2.5 to 2.5	Pass
				30	3.70	17.366	0.0100	-2.5 to 2.5	Pass
				40	3.70	15.149	0.0087	-2.5 to 2.5	Pass
				50	3.70	18.096	0.0104	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.40	-16.422	-0.0092	-2.5 to 2.5	Pass
					3.70	-18.067	-0.0102	-2.5 to 2.5	Pass
					4.20	-17.638	-0.0099	-2.5 to 2.5	Pass
				-30	3.70	14.620	0.0082	-2.5 to 2.5	Pass
				-20	3.70	-18.539	-0.0104	-2.5 to 2.5	Pass
				-10	3.70	-12.174	-0.0068	-2.5 to 2.5	Pass
				0	3.70	-9.284	-0.0052	-2.5 to 2.5	Pass

				10	3.70	17.781	0.0100	-2.5 to 2.5	Pass
				30	3.70	17.252	0.0097	-2.5 to 2.5	Pass
				40	3.70	-18.883	-0.0106	-2.5 to 2.5	Pass
				50	3.70	13.633	0.0077	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.40	18.826	0.0110	-2.5 to 2.5	Pass
					3.70	17.366	0.0101	-2.5 to 2.5	Pass
					4.20	18.897	0.0110	-2.5 to 2.5	Pass
				-30	3.70	19.012	0.0111	-2.5 to 2.5	Pass
				-20	3.70	18.325	0.0107	-2.5 to 2.5	Pass
				-10	3.70	17.667	0.0103	-2.5 to 2.5	Pass
				0	3.70	16.594	0.0097	-2.5 to 2.5	Pass
				10	3.70	-18.468	-0.0108	-2.5 to 2.5	Pass
				30	3.70	17.452	0.0102	-2.5 to 2.5	Pass
				40	3.70	17.753	0.0104	-2.5 to 2.5	Pass
				50	3.70	15.593	0.0091	-2.5 to 2.5	Pass
	1745	15	0	20	3.40	19.040	0.0109	-2.5 to 2.5	Pass
					3.70	-17.695	-0.0101	-2.5 to 2.5	Pass
					4.20	-7.582	-0.0043	-2.5 to 2.5	Pass
				-30	3.70	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.70	16.923	0.0097	-2.5 to 2.5	Pass
				-10	3.70	9.356	0.0054	-2.5 to 2.5	Pass
				0	3.70	-15.335	-0.0088	-2.5 to 2.5	Pass
				10	3.70	15.879	0.0091	-2.5 to 2.5	Pass
				30	3.70	14.749	0.0085	-2.5 to 2.5	Pass
				40	3.70	-14.462	-0.0083	-2.5 to 2.5	Pass
				50	3.70	-15.435	-0.0088	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.40	-20.571	-0.0116	-2.5 to 2.5	Pass
					3.70	-20.671	-0.0116	-2.5 to 2.5	Pass
					4.20	-18.826	-0.0106	-2.5 to 2.5	Pass
				-30	3.70	-16.794	-0.0094	-2.5 to 2.5	Pass
				-20	3.70	-18.125	-0.0102	-2.5 to 2.5	Pass
				-10	3.70	-6.280	-0.0035	-2.5 to 2.5	Pass
				0	3.70	-16.437	-0.0092	-2.5 to 2.5	Pass
				10	3.70	-18.940	-0.0106	-2.5 to 2.5	Pass
				30	3.70	-19.012	-0.0107	-2.5 to 2.5	Pass
				40	3.70	-19.412	-0.0109	-2.5 to 2.5	Pass
				50	3.70	-21.758	-0.0122	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.40	-17.109	-0.0100	-2.5 to 2.5	Pass
					3.70	17.424	0.0102	-2.5 to 2.5	Pass
					4.20	18.668	0.0109	-2.5 to 2.5	Pass
				-30	3.70	17.681	0.0103	-2.5 to 2.5	Pass
				-20	3.70	14.777	0.0086	-2.5 to 2.5	Pass
				-10	3.70	17.080	0.0100	-2.5 to 2.5	Pass
				0	3.70	14.820	0.0087	-2.5 to 2.5	Pass
				10	3.70	18.611	0.0109	-2.5 to 2.5	Pass
				30	3.70	16.637	0.0097	-2.5 to 2.5	Pass
				40	3.70	18.725	0.0109	-2.5 to 2.5	Pass
				50	3.70	17.552	0.0102	-2.5 to 2.5	Pass
	1745	25	0	20	3.40	-16.851	-0.0097	-2.5 to 2.5	Pass

					3.70	14.863	0.0085	-2.5 to 2.5	Pass
					4.20	21.343	0.0122	-2.5 to 2.5	Pass
				-30	3.70	18.883	0.0108	-2.5 to 2.5	Pass
				-20	3.70	-26.350	-0.0151	-2.5 to 2.5	Pass
				-10	3.70	-21.100	-0.0121	-2.5 to 2.5	Pass
				0	3.70	-19.813	-0.0114	-2.5 to 2.5	Pass
				10	3.70	-17.123	-0.0098	-2.5 to 2.5	Pass
				30	3.70	-12.789	-0.0073	-2.5 to 2.5	Pass
				40	3.70	14.248	0.0082	-2.5 to 2.5	Pass
				50	3.70	16.794	0.0096	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.40	15.993	0.0090	-2.5 to 2.5	Pass
					3.70	14.749	0.0083	-2.5 to 2.5	Pass
					4.20	-24.605	-0.0138	-2.5 to 2.5	Pass
				-30	3.70	-17.338	-0.0098	-2.5 to 2.5	Pass
				-20	3.70	-19.369	-0.0109	-2.5 to 2.5	Pass
				-10	3.70	-20.499	-0.0115	-2.5 to 2.5	Pass
				0	3.70	-19.698	-0.0111	-2.5 to 2.5	Pass
				10	3.70	-17.381	-0.0098	-2.5 to 2.5	Pass
				30	3.70	-16.994	-0.0096	-2.5 to 2.5	Pass
				40	3.70	-18.797	-0.0106	-2.5 to 2.5	Pass
				50	3.70	-17.209	-0.0097	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.40	21.200	0.0124	-2.5 to 2.5	Pass
					3.70	-3.290	-0.0019	-2.5 to 2.5	Pass
					4.20	17.438	0.0102	-2.5 to 2.5	Pass
				-30	3.70	-13.404	-0.0078	-2.5 to 2.5	Pass
				-20	3.70	17.409	0.0102	-2.5 to 2.5	Pass
				-10	3.70	14.963	0.0087	-2.5 to 2.5	Pass
				0	3.70	-16.508	-0.0096	-2.5 to 2.5	Pass
				10	3.70	-14.777	-0.0086	-2.5 to 2.5	Pass
				30	3.70	-8.883	-0.0052	-2.5 to 2.5	Pass
				40	3.70	-14.148	-0.0083	-2.5 to 2.5	Pass
				50	3.70	17.223	0.0101	-2.5 to 2.5	Pass
	1745	25	0	20	3.40	16.437	0.0094	-2.5 to 2.5	Pass
					3.70	15.163	0.0087	-2.5 to 2.5	Pass
					4.20	14.720	0.0084	-2.5 to 2.5	Pass
				-30	3.70	17.753	0.0102	-2.5 to 2.5	Pass
				-20	3.70	16.165	0.0093	-2.5 to 2.5	Pass
				-10	3.70	15.807	0.0091	-2.5 to 2.5	Pass
				0	3.70	15.020	0.0086	-2.5 to 2.5	Pass
				10	3.70	13.933	0.0080	-2.5 to 2.5	Pass
				30	3.70	15.678	0.0090	-2.5 to 2.5	Pass
				40	3.70	14.877	0.0085	-2.5 to 2.5	Pass
				50	3.70	15.478	0.0089	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.40	-16.966	-0.0095	-2.5 to 2.5	Pass
					3.70	-16.408	-0.0092	-2.5 to 2.5	Pass
					4.20	-16.108	-0.0091	-2.5 to 2.5	Pass
				-30	3.70	-15.349	-0.0086	-2.5 to 2.5	Pass
				-20	3.70	-13.747	-0.0077	-2.5 to 2.5	Pass
				-10	3.70	-13.905	-0.0078	-2.5 to 2.5	Pass
				0	3.70	-15.936	-0.0090	-2.5 to 2.5	Pass
				10	3.70	-16.780	-0.0094	-2.5 to 2.5	Pass
				30	3.70	-22.244	-0.0125	-2.5 to 2.5	Pass
				40	3.70	-19.841	-0.0112	-2.5 to 2.5	Pass
				50	3.70	-16.150	-0.0091	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.40	-19.999	-0.0117	-2.5 to 2.5	Pass
					3.70	-18.969	-0.0111	-2.5 to 2.5	Pass
					4.20	-16.894	-0.0099	-2.5 to 2.5	Pass
				-30	3.70	-15.993	-0.0093	-2.5 to 2.5	Pass
				-20	3.70	-18.096	-0.0106	-2.5 to 2.5	Pass
				-10	3.70	-15.235	-0.0089	-2.5 to 2.5	Pass
				0	3.70	-16.165	-0.0094	-2.5 to 2.5	Pass
				10	3.70	-14.520	-0.0085	-2.5 to 2.5	Pass
				30	3.70	-16.637	-0.0097	-2.5 to 2.5	Pass
				40	3.70	-16.551	-0.0097	-2.5 to 2.5	Pass
				50	3.70	-16.880	-0.0098	-2.5 to 2.5	Pass
	1745	50	0	20	3.40	-9.685	-0.0056	-2.5 to 2.5	Pass
					3.70	-16.608	-0.0095	-2.5 to 2.5	Pass
					4.20	-15.521	-0.0089	-2.5 to 2.5	Pass
				-30	3.70	-15.764	-0.0090	-2.5 to 2.5	Pass
				-20	3.70	-14.791	-0.0085	-2.5 to 2.5	Pass
				-10	3.70	-15.450	-0.0089	-2.5 to 2.5	Pass
				0	3.70	-22.259	-0.0128	-2.5 to 2.5	Pass
				10	3.70	-21.973	-0.0126	-2.5 to 2.5	Pass
				30	3.70	-20.757	-0.0119	-2.5 to 2.5	Pass
				40	3.70	-19.426	-0.0111	-2.5 to 2.5	Pass
				50	3.70	-15.564	-0.0089	-2.5 to 2.5	Pass
	1775	50	0	20	3.40	-15.178	-0.0086	-2.5 to 2.5	Pass
					3.70	-16.165	-0.0091	-2.5 to 2.5	Pass
					4.20	-20.900	-0.0118	-2.5 to 2.5	Pass
				-30	3.70	-15.993	-0.0090	-2.5 to 2.5	Pass
				-20	3.70	-13.533	-0.0076	-2.5 to 2.5	Pass
				-10	3.70	-16.422	-0.0093	-2.5 to 2.5	Pass
				0	3.70	-17.638	-0.0099	-2.5 to 2.5	Pass
				10	3.70	-16.251	-0.0092	-2.5 to 2.5	Pass
				30	3.70	-12.689	-0.0071	-2.5 to 2.5	Pass
				40	3.70	-16.537	-0.0093	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.40	-23.117	-0.0135	-2.5 to 2.5	Pass
					3.70	-10.457	-0.0061	-2.5 to 2.5	Pass
					4.20	1.302	0.0008	-2.5 to 2.5	Pass
				-30	3.70	-18.826	-0.0110	-2.5 to 2.5	Pass
				-20	3.70	-20.828	-0.0121	-2.5 to 2.5	Pass
				-10	3.70	-18.024	-0.0105	-2.5 to 2.5	Pass
				0	3.70	-17.052	-0.0099	-2.5 to 2.5	Pass
				10	3.70	-17.509	-0.0102	-2.5 to 2.5	Pass
				30	3.70	-17.209	-0.0100	-2.5 to 2.5	Pass
				40	3.70	-16.437	-0.0096	-2.5 to 2.5	Pass
				50	3.70	-16.665	-0.0097	-2.5 to 2.5	Pass
	1745	27	0	20	3.40	-21.229	-0.0122	-2.5 to 2.5	Pass
					3.70	-22.016	-0.0126	-2.5 to 2.5	Pass
					4.20	-21.071	-0.0121	-2.5 to 2.5	Pass
				-30	3.70	-20.943	-0.0120	-2.5 to 2.5	Pass
				-20	3.70	-17.924	-0.0103	-2.5 to 2.5	Pass
				-10	3.70	-18.682	-0.0107	-2.5 to 2.5	Pass
				0	3.70	-16.994	-0.0097	-2.5 to 2.5	Pass

				10	3.70	-19.455	-0.0111	-2.5 to 2.5	Pass
				30	3.70	-17.323	-0.0099	-2.5 to 2.5	Pass
				40	3.70	-16.694	-0.0096	-2.5 to 2.5	Pass
				50	3.70	-13.847	-0.0079	-2.5 to 2.5	Pass
	1775	27	23	20	3.40	-14.620	-0.0082	-2.5 to 2.5	Pass
					3.70	-15.850	-0.0089	-2.5 to 2.5	Pass
					4.20	-16.322	-0.0092	-2.5 to 2.5	Pass
				-30	3.70	-15.407	-0.0087	-2.5 to 2.5	Pass
				-20	3.70	-19.426	-0.0109	-2.5 to 2.5	Pass
				-10	3.70	-22.373	-0.0126	-2.5 to 2.5	Pass
				0	3.70	-18.868	-0.0106	-2.5 to 2.5	Pass
				10	3.70	-19.956	-0.0112	-2.5 to 2.5	Pass
				30	3.70	-19.712	-0.0111	-2.5 to 2.5	Pass
				40	3.70	-19.884	-0.0112	-2.5 to 2.5	Pass
				50	3.70	-15.492	-0.0087	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.40	-24.304	-0.0142	-2.5 to 2.5	Pass
					3.70	-20.800	-0.0121	-2.5 to 2.5	Pass
					4.20	-19.083	-0.0111	-2.5 to 2.5	Pass
				-30	3.70	-20.370	-0.0119	-2.5 to 2.5	Pass
				-20	3.70	-17.023	-0.0099	-2.5 to 2.5	Pass
				-10	3.70	-17.295	-0.0101	-2.5 to 2.5	Pass
				0	3.70	-16.851	-0.0098	-2.5 to 2.5	Pass
				10	3.70	-18.840	-0.0110	-2.5 to 2.5	Pass
				30	3.70	-17.552	-0.0102	-2.5 to 2.5	Pass
				40	3.70	-16.880	-0.0098	-2.5 to 2.5	Pass
				50	3.70	-16.623	-0.0097	-2.5 to 2.5	Pass
	1745	75	0	20	3.40	-21.572	-0.0124	-2.5 to 2.5	Pass
					3.70	-21.300	-0.0122	-2.5 to 2.5	Pass
					4.20	-17.180	-0.0098	-2.5 to 2.5	Pass
				-30	3.70	-19.798	-0.0113	-2.5 to 2.5	Pass
				-20	3.70	-16.122	-0.0092	-2.5 to 2.5	Pass
				-10	3.70	-18.740	-0.0107	-2.5 to 2.5	Pass
				0	3.70	-18.783	-0.0108	-2.5 to 2.5	Pass
				10	3.70	-19.369	-0.0111	-2.5 to 2.5	Pass
				30	3.70	-17.352	-0.0099	-2.5 to 2.5	Pass
				40	3.70	-17.366	-0.0100	-2.5 to 2.5	Pass
				50	3.70	-16.794	-0.0096	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.40	-20.685	-0.0117	-2.5 to 2.5	Pass
					3.70	-20.757	-0.0117	-2.5 to 2.5	Pass
					4.20	-19.913	-0.0112	-2.5 to 2.5	Pass
				-30	3.70	-18.125	-0.0102	-2.5 to 2.5	Pass
				-20	3.70	-19.197	-0.0108	-2.5 to 2.5	Pass
				-10	3.70	-19.484	-0.0110	-2.5 to 2.5	Pass
				0	3.70	-18.783	-0.0106	-2.5 to 2.5	Pass
				10	3.70	-18.311	-0.0103	-2.5 to 2.5	Pass
				30	3.70	-16.022	-0.0090	-2.5 to 2.5	Pass
				40	3.70	-17.066	-0.0096	-2.5 to 2.5	Pass
				50	3.70	-16.608	-0.0094	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.40	-22.244	-0.0130	-2.5 to 2.5	Pass

					3.70	-21.286	-0.0124	-2.5 to 2.5	Pass
					4.20	-18.783	-0.0109	-2.5 to 2.5	Pass
				-30	3.70	-14.520	-0.0085	-2.5 to 2.5	Pass
				-20	3.70	-15.707	-0.0091	-2.5 to 2.5	Pass
				-10	3.70	-18.125	-0.0106	-2.5 to 2.5	Pass
				0	3.70	-17.252	-0.0100	-2.5 to 2.5	Pass
				10	3.70	-15.807	-0.0092	-2.5 to 2.5	Pass
				30	3.70	-13.847	-0.0081	-2.5 to 2.5	Pass
				40	3.70	-14.148	-0.0082	-2.5 to 2.5	Pass
				50	3.70	-15.950	-0.0093	-2.5 to 2.5	Pass
	1745	27	0	20	3.40	-20.442	-0.0117	-2.5 to 2.5	Pass
					3.70	-19.441	-0.0111	-2.5 to 2.5	Pass
					4.20	-18.654	-0.0107	-2.5 to 2.5	Pass
				-30	3.70	-13.061	-0.0075	-2.5 to 2.5	Pass
				-20	3.70	-19.341	-0.0111	-2.5 to 2.5	Pass
				-10	3.70	-17.538	-0.0101	-2.5 to 2.5	Pass
				0	3.70	-20.757	-0.0119	-2.5 to 2.5	Pass
				10	3.70	-19.941	-0.0114	-2.5 to 2.5	Pass
				30	3.70	-21.300	-0.0122	-2.5 to 2.5	Pass
				40	3.70	-23.947	-0.0137	-2.5 to 2.5	Pass
				50	3.70	-19.641	-0.0113	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.40	-21.400	-0.0121	-2.5 to 2.5	Pass
					3.70	14.133	0.0080	-2.5 to 2.5	Pass
					4.20	15.650	0.0088	-2.5 to 2.5	Pass
				-30	3.70	16.336	0.0092	-2.5 to 2.5	Pass
				-20	3.70	9.184	0.0052	-2.5 to 2.5	Pass
				-10	3.70	14.963	0.0084	-2.5 to 2.5	Pass
				0	3.70	9.270	0.0052	-2.5 to 2.5	Pass
				10	3.70	6.723	0.0038	-2.5 to 2.5	Pass
				30	3.70	19.841	0.0112	-2.5 to 2.5	Pass
				40	3.70	3.705	0.0021	-2.5 to 2.5	Pass
				50	3.70	-11.716	-0.0066	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.40	-19.212	-0.0112	-2.5 to 2.5	Pass
					3.70	-19.770	-0.0115	-2.5 to 2.5	Pass
					4.20	-14.105	-0.0082	-2.5 to 2.5	Pass
				-30	3.70	-20.757	-0.0121	-2.5 to 2.5	Pass
				-20	3.70	-16.308	-0.0095	-2.5 to 2.5	Pass
				-10	3.70	-17.495	-0.0102	-2.5 to 2.5	Pass
				0	3.70	-13.890	-0.0081	-2.5 to 2.5	Pass
				10	3.70	-17.037	-0.0099	-2.5 to 2.5	Pass
				30	3.70	-20.413	-0.0119	-2.5 to 2.5	Pass
				40	3.70	-13.947	-0.0081	-2.5 to 2.5	Pass
				50	3.70	-16.522	-0.0096	-2.5 to 2.5	Pass
	1745	100	0	20	3.40	-20.313	-0.0116	-2.5 to 2.5	Pass
					3.70	-21.801	-0.0125	-2.5 to 2.5	Pass
					4.20	-16.093	-0.0092	-2.5 to 2.5	Pass
				-30	3.70	-20.041	-0.0115	-2.5 to 2.5	Pass
				-20	3.70	-17.180	-0.0098	-2.5 to 2.5	Pass
				-10	3.70	-21.944	-0.0126	-2.5 to 2.5	Pass

				0	3.70	-18.053	-0.0103	-2.5 to 2.5	Pass
				10	3.70	-14.548	-0.0083	-2.5 to 2.5	Pass
				30	3.70	-14.820	-0.0085	-2.5 to 2.5	Pass
				40	3.70	-16.923	-0.0097	-2.5 to 2.5	Pass
				50	3.70	-13.876	-0.0080	-2.5 to 2.5	Pass
	1770	100	0	20	3.40	-19.341	-0.0109	-2.5 to 2.5	Pass
					3.70	-20.986	-0.0119	-2.5 to 2.5	Pass
					4.20	-18.926	-0.0107	-2.5 to 2.5	Pass
				-30	3.70	-15.707	-0.0089	-2.5 to 2.5	Pass
				-20	3.70	-19.298	-0.0109	-2.5 to 2.5	Pass
				-10	3.70	-17.996	-0.0102	-2.5 to 2.5	Pass
				0	3.70	-16.580	-0.0094	-2.5 to 2.5	Pass
				10	3.70	-16.222	-0.0092	-2.5 to 2.5	Pass
				30	3.70	-14.935	-0.0084	-2.5 to 2.5	Pass
				40	3.70	-17.395	-0.0098	-2.5 to 2.5	Pass
				50	3.70	-15.063	-0.0085	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.40	-18.926	-0.0110	-2.5 to 2.5	Pass
					3.70	13.747	0.0080	-2.5 to 2.5	Pass
					4.20	16.794	0.0098	-2.5 to 2.5	Pass
				-30	3.70	15.106	0.0088	-2.5 to 2.5	Pass
				-20	3.70	14.691	0.0085	-2.5 to 2.5	Pass
				-10	3.70	15.192	0.0088	-2.5 to 2.5	Pass
				0	3.70	11.058	0.0064	-2.5 to 2.5	Pass
				10	3.70	10.586	0.0062	-2.5 to 2.5	Pass
				30	3.70	7.854	0.0046	-2.5 to 2.5	Pass
				40	3.70	9.398	0.0055	-2.5 to 2.5	Pass
				50	3.70	9.027	0.0052	-2.5 to 2.5	Pass
	1745	27	0	20	3.40	-11.015	-0.0063	-2.5 to 2.5	Pass
					3.70	13.876	0.0080	-2.5 to 2.5	Pass
					4.20	14.133	0.0081	-2.5 to 2.5	Pass
				-30	3.70	12.031	0.0069	-2.5 to 2.5	Pass
				-20	3.70	9.699	0.0056	-2.5 to 2.5	Pass
				-10	3.70	7.925	0.0045	-2.5 to 2.5	Pass
				0	3.70	8.755	0.0050	-2.5 to 2.5	Pass
				10	3.70	14.448	0.0083	-2.5 to 2.5	Pass
				30	3.70	12.517	0.0072	-2.5 to 2.5	Pass
				40	3.70	10.843	0.0062	-2.5 to 2.5	Pass
				50	3.70	17.467	0.0100	-2.5 to 2.5	Pass
	1770	27	73	20	3.40	-11.673	-0.0066	-2.5 to 2.5	Pass
					3.70	16.723	0.0094	-2.5 to 2.5	Pass
					4.20	16.508	0.0093	-2.5 to 2.5	Pass
				-30	3.70	16.637	0.0094	-2.5 to 2.5	Pass
				-20	3.70	15.035	0.0085	-2.5 to 2.5	Pass
				-10	3.70	15.564	0.0088	-2.5 to 2.5	Pass
				0	3.70	13.218	0.0075	-2.5 to 2.5	Pass
				10	3.70	9.255	0.0052	-2.5 to 2.5	Pass
				30	3.70	10.643	0.0060	-2.5 to 2.5	Pass
				40	3.70	11.616	0.0066	-2.5 to 2.5	Pass
				50	3.70	3.247	0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.122	/	Pass
		1779.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.109	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.112	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1745	15	0	2.733	/	Pass
		1778.5	15	0	2.735	/	Pass
	16QAM	1711.5	15	0	2.721	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.719	/	Pass
5	QPSK	1712.5	25	0	4.547	/	Pass
		1745	25	0	4.540	/	Pass
		1777.5	25	0	4.553	/	Pass
	16QAM	1712.5	25	0	4.535	/	Pass
		1745	25	0	4.559	/	Pass
		1777.5	25	0	4.540	/	Pass
10	QPSK	1715	50	0	9.038	/	Pass
		1745	50	0	9.026	/	Pass
		1775	50	0	9.007	/	Pass
	16QAM	1715	27	0	5.040	/	Pass
		1745	27	0	5.027	/	Pass
		1775	27	23	5.046	/	Pass
15	QPSK	1717.5	75	0	13.524	/	Pass
		1745	75	0	13.567	/	Pass
		1772.5	75	0	13.541	/	Pass
	16QAM	1717.5	27	0	5.256	/	Pass
		1745	27	0	5.248	/	Pass
		1772.5	27	48	5.238	/	Pass
20	QPSK	1720	100	0	18.035	/	Pass
		1745	100	0	18.036	/	Pass
		1770	100	0	18.068	/	Pass
	16QAM	1720	27	0	5.430	/	Pass
		1745	27	0	5.438	/	Pass
		1770	27	73	5.452	/	Pass

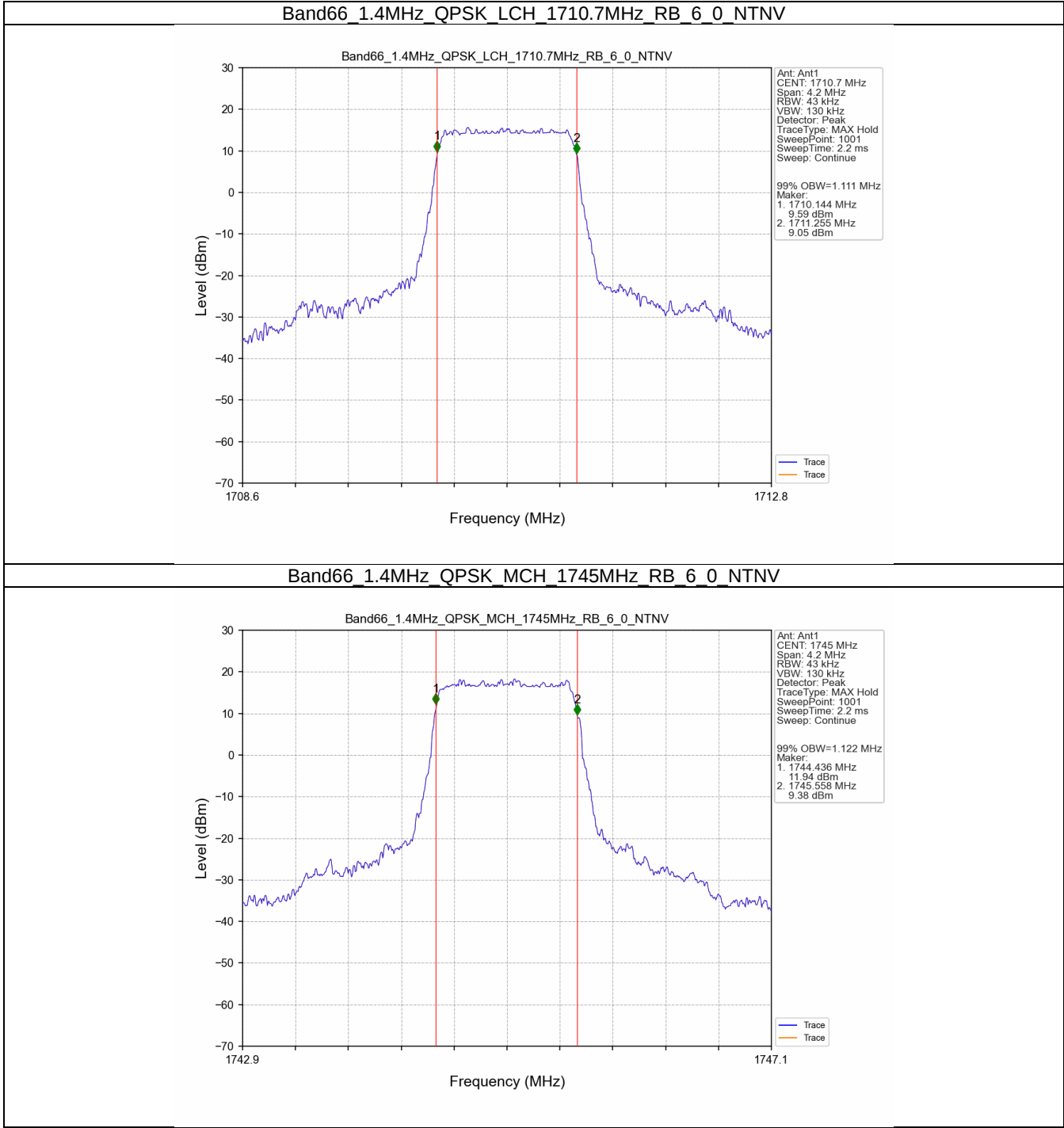
3.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.299	/	Pass
		1745	6	0	1.304	/	Pass
		1779.3	6	0	1.328	/	Pass
	16QAM	1710.7	6	0	1.306	/	Pass
		1745	6	0	1.316	/	Pass
		1779.3	6	0	1.334	/	Pass
3	QPSK	1711.5	15	0	3.018	/	Pass
		1745	15	0	3.009	/	Pass

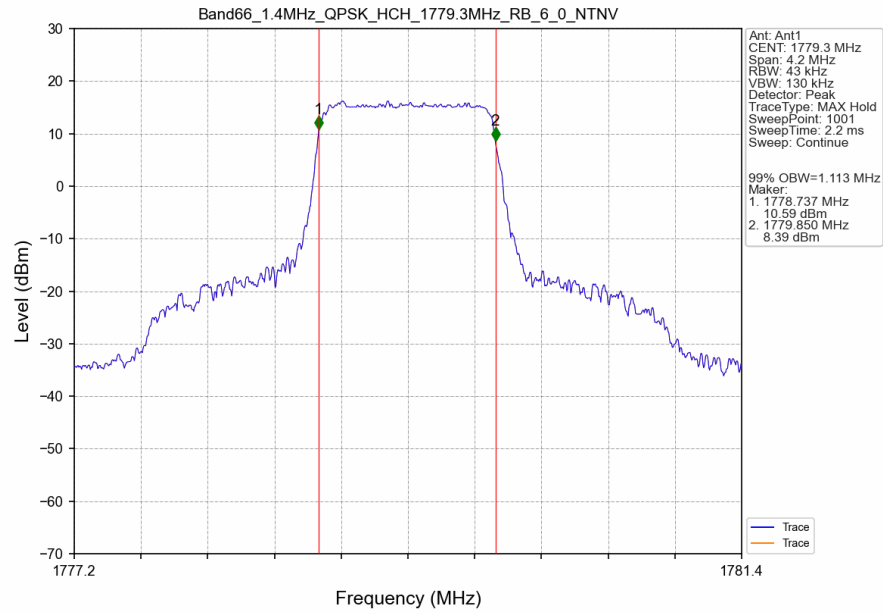
	16QAM	1778.5	15	0	3.017	/	Pass
		1711.5	15	0	3.018	/	Pass
		1745	15	0	3.013	/	Pass
		1778.5	15	0	3.032	/	Pass
5	QPSK	1712.5	25	0	5.038	/	Pass
		1745	25	0	5.060	/	Pass
		1777.5	25	0	5.046	/	Pass
	16QAM	1712.5	25	0	5.023	/	Pass
		1745	25	0	5.059	/	Pass
		1777.5	25	0	5.076	/	Pass
10	QPSK	1715	50	0	9.921	/	Pass
		1745	50	0	9.924	/	Pass
		1775	50	0	9.855	/	Pass
	16QAM	1715	27	0	5.755	/	Pass
		1745	27	0	5.842	/	Pass
		1775	27	23	5.864	/	Pass
15	QPSK	1717.5	75	0	14.701	/	Pass
		1745	75	0	14.856	/	Pass
		1772.5	75	0	14.768	/	Pass
	16QAM	1717.5	27	0	6.259	/	Pass
		1745	27	0	6.182	/	Pass
		1772.5	27	48	6.162	/	Pass
20	QPSK	1720	100	0	19.451	/	Pass
		1745	100	0	19.433	/	Pass
		1770	100	0	19.566	/	Pass
	16QAM	1720	27	0	6.440	/	Pass
		1745	27	0	6.394	/	Pass
		1770	27	73	6.373	/	Pass

3.2 Test Graph

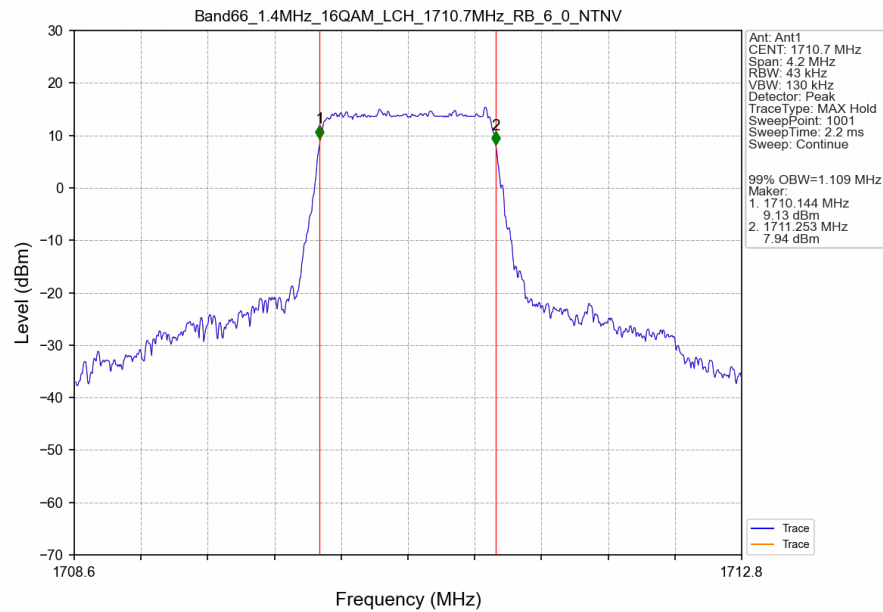
3.2.1 Band66_OBW



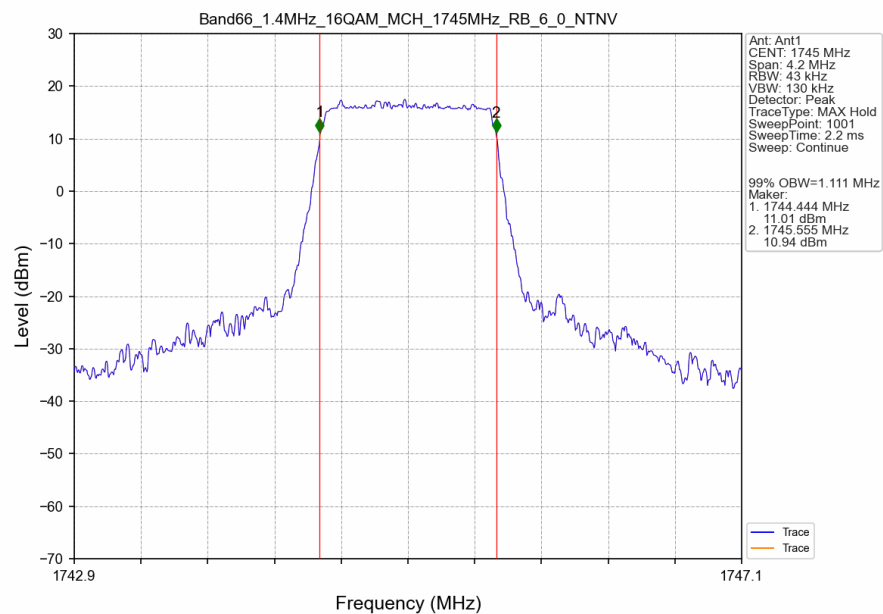
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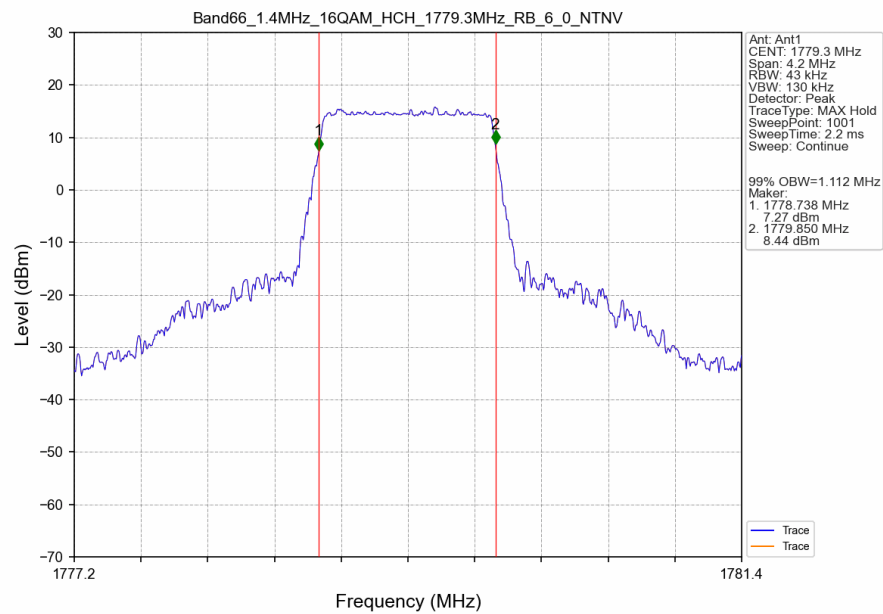
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



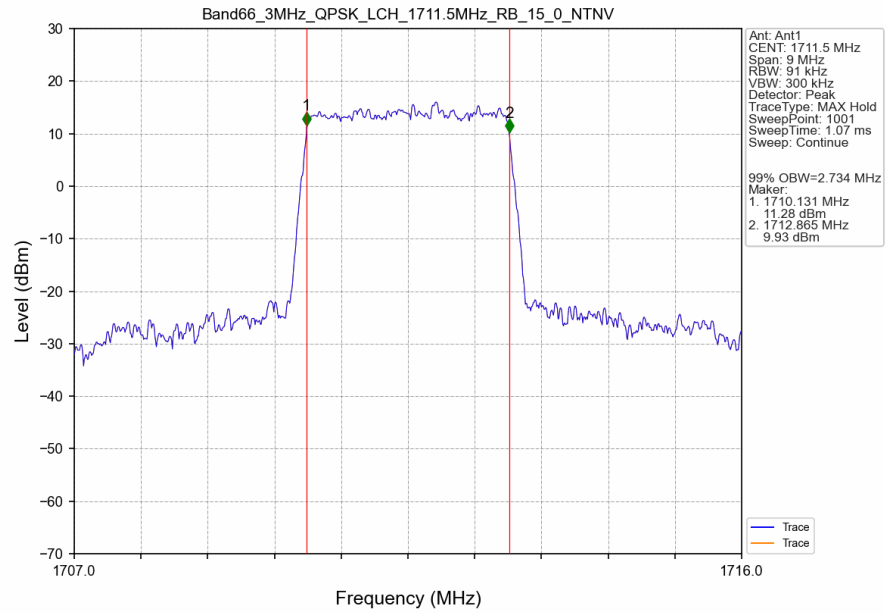
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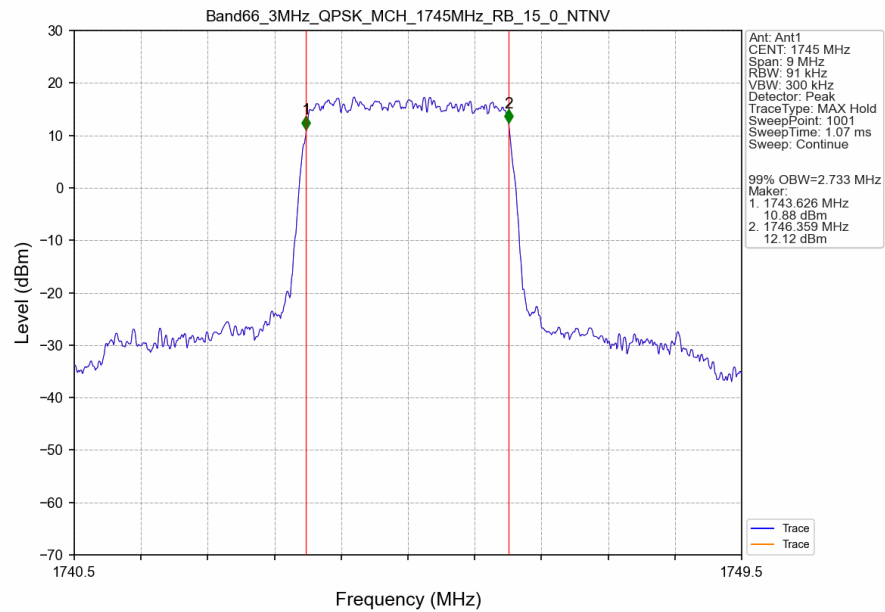
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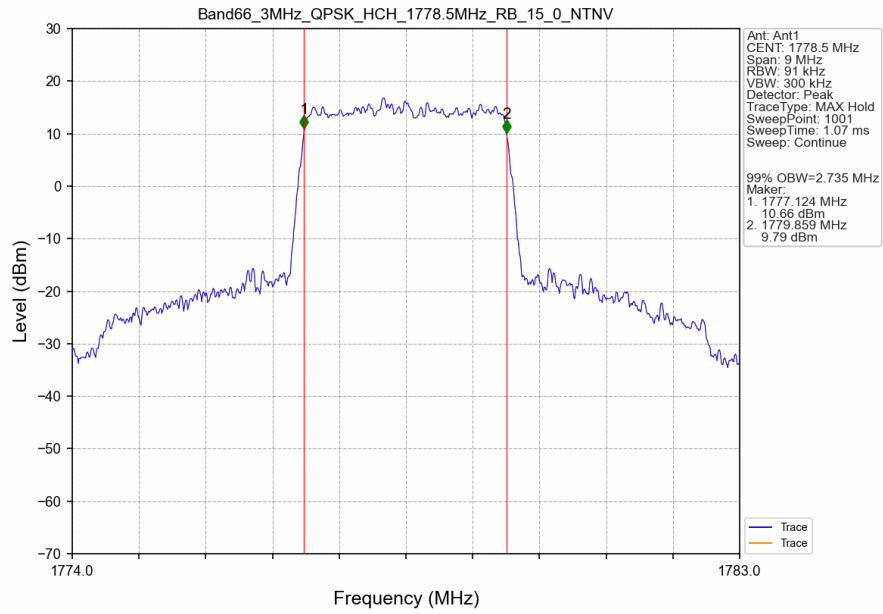
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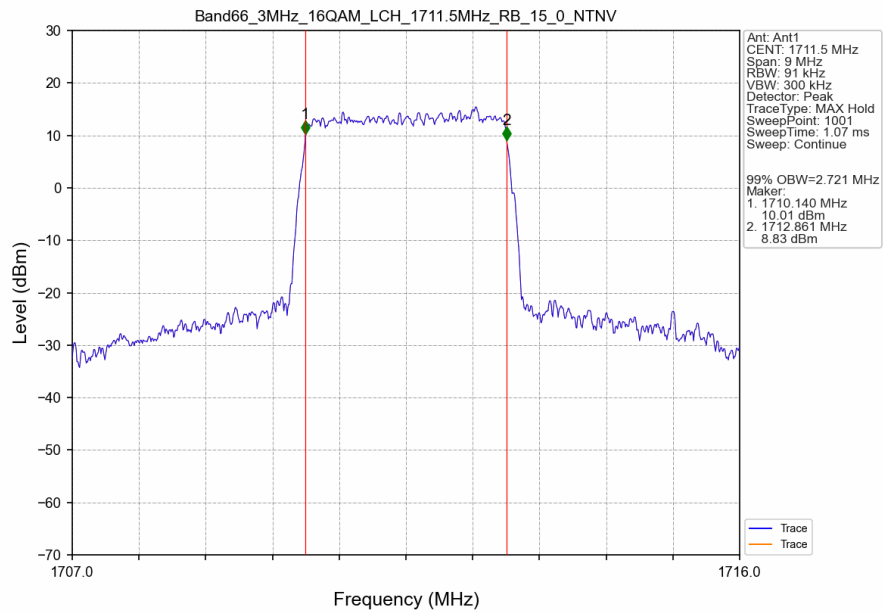
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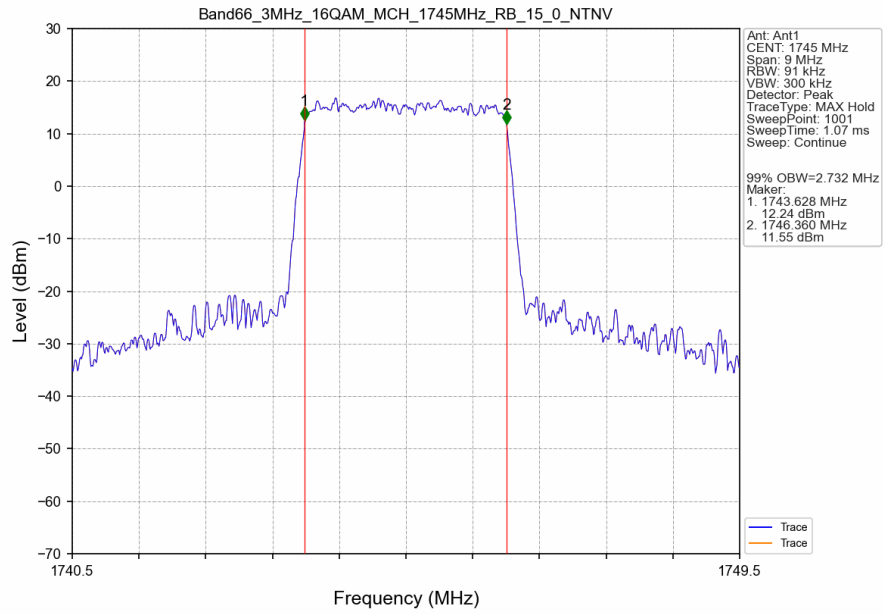
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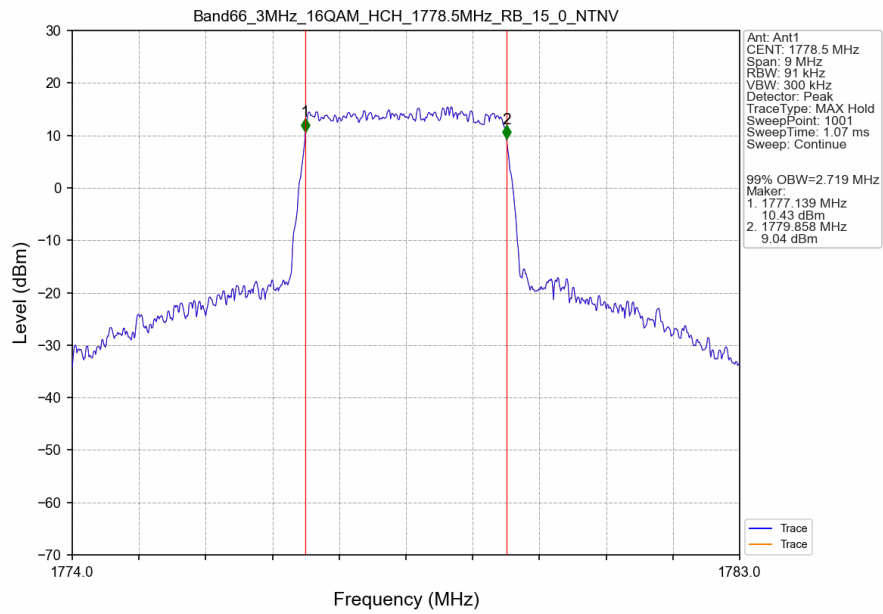
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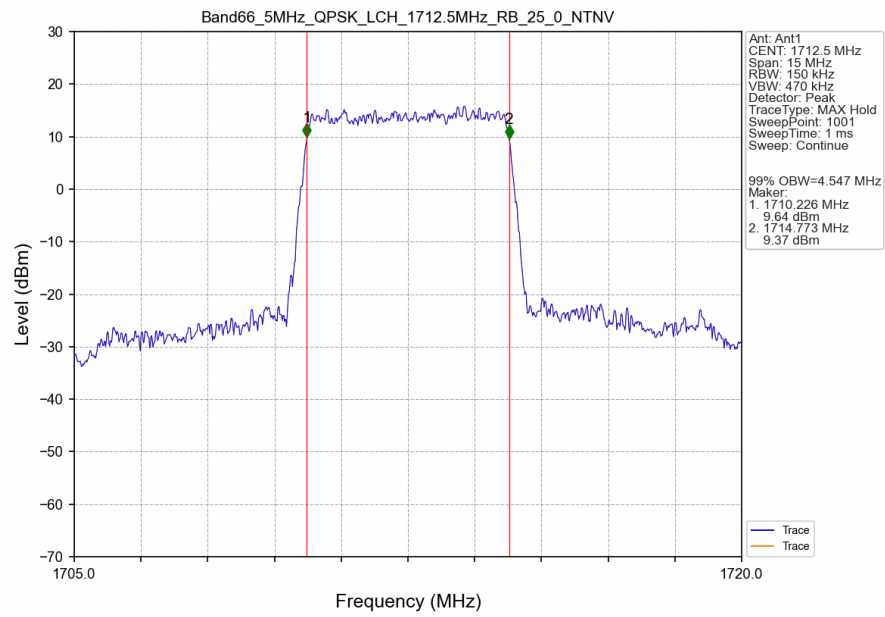
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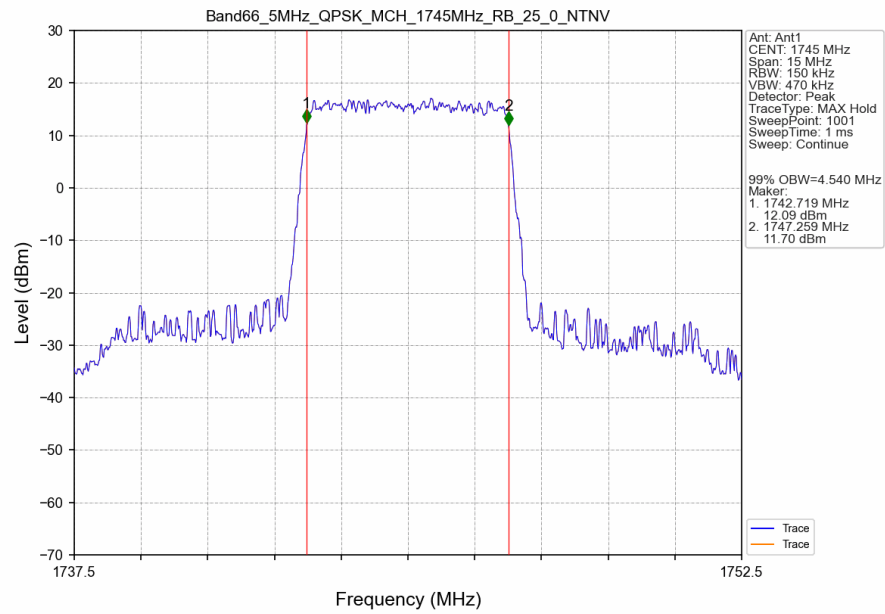
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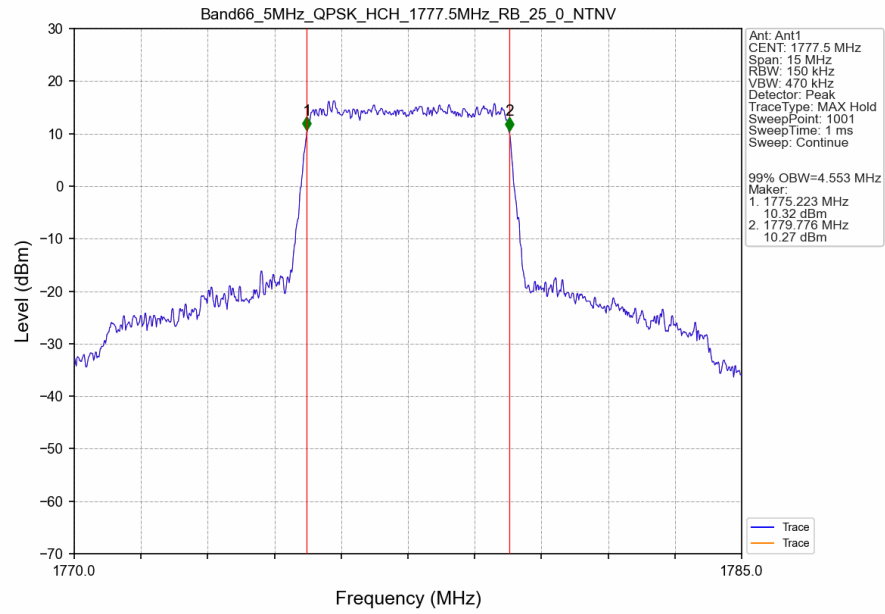
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



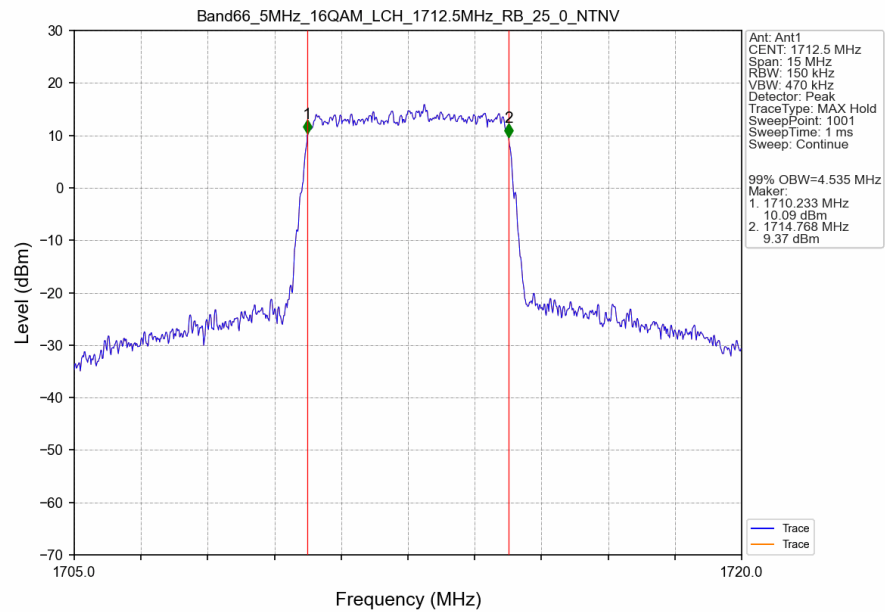
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



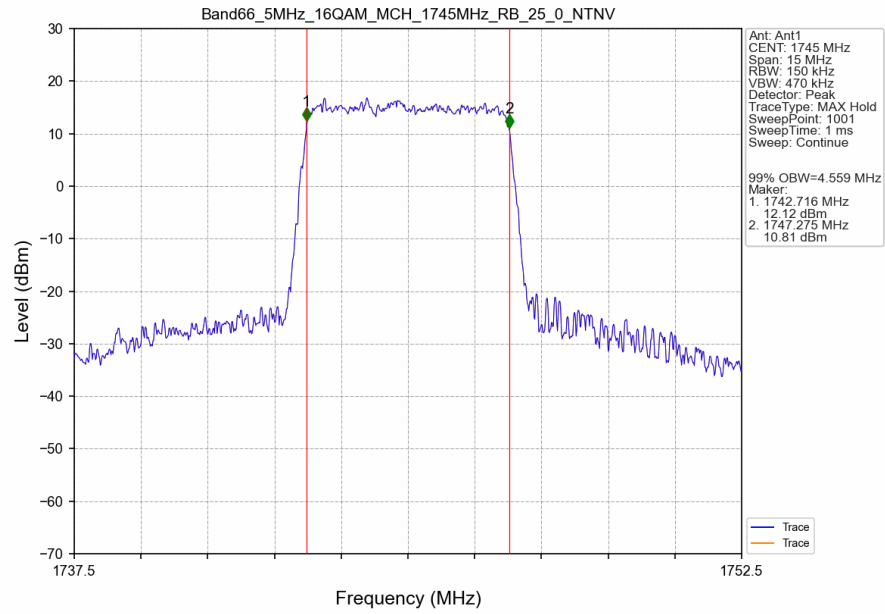
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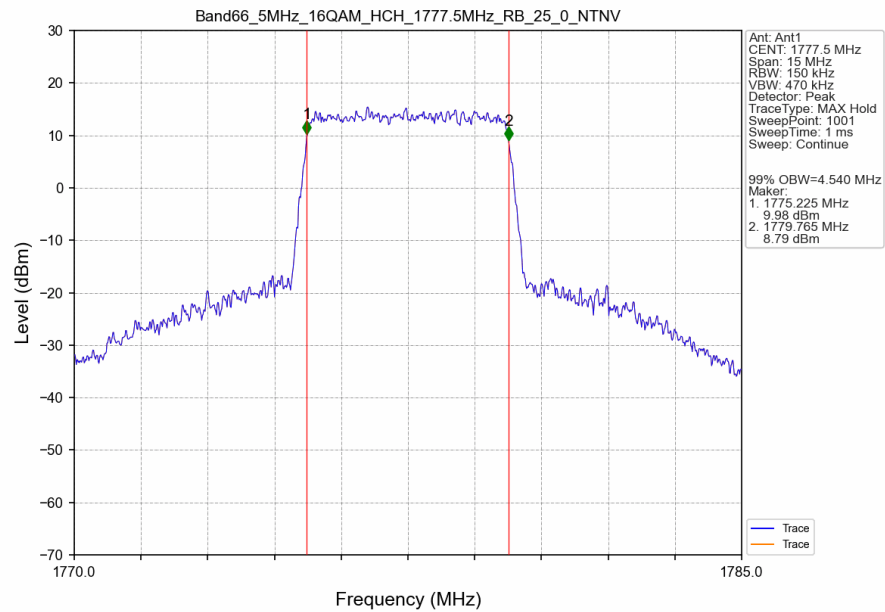
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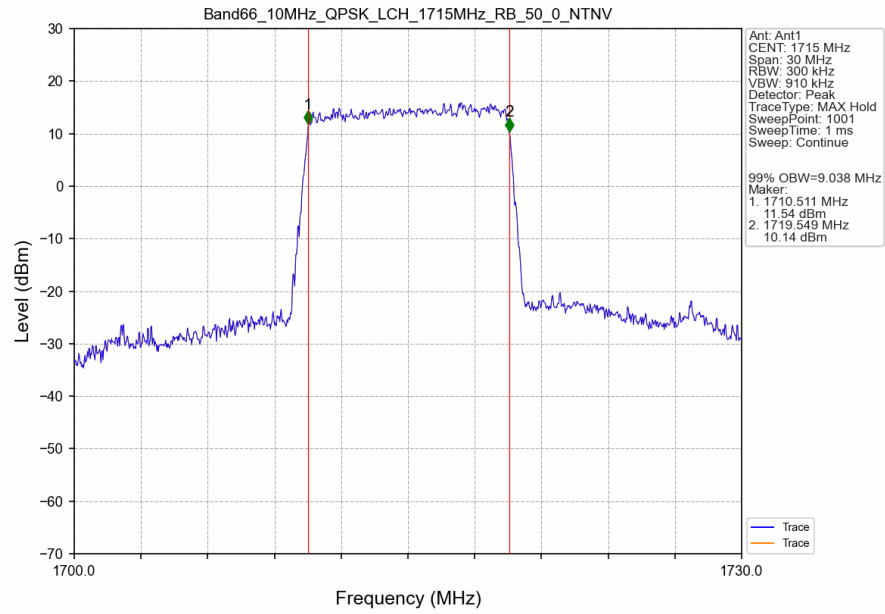
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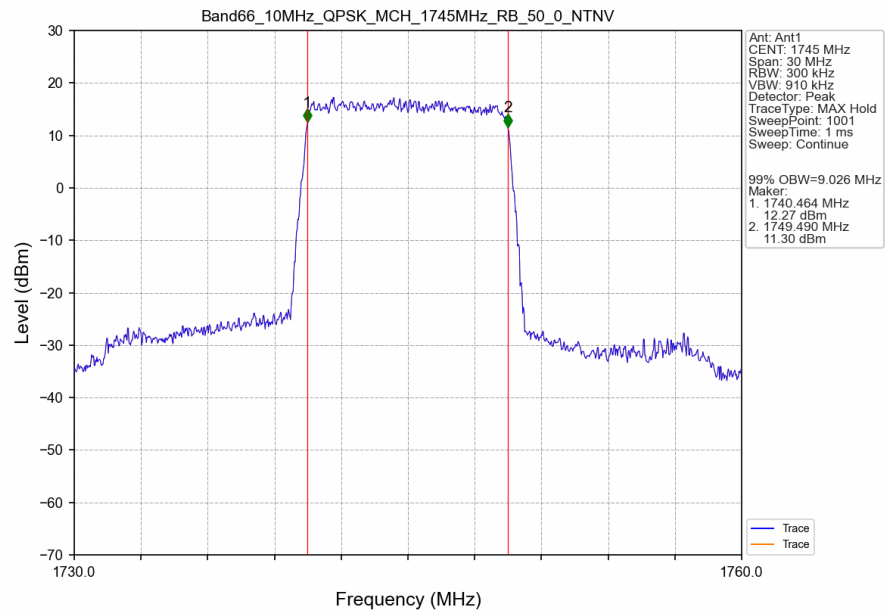
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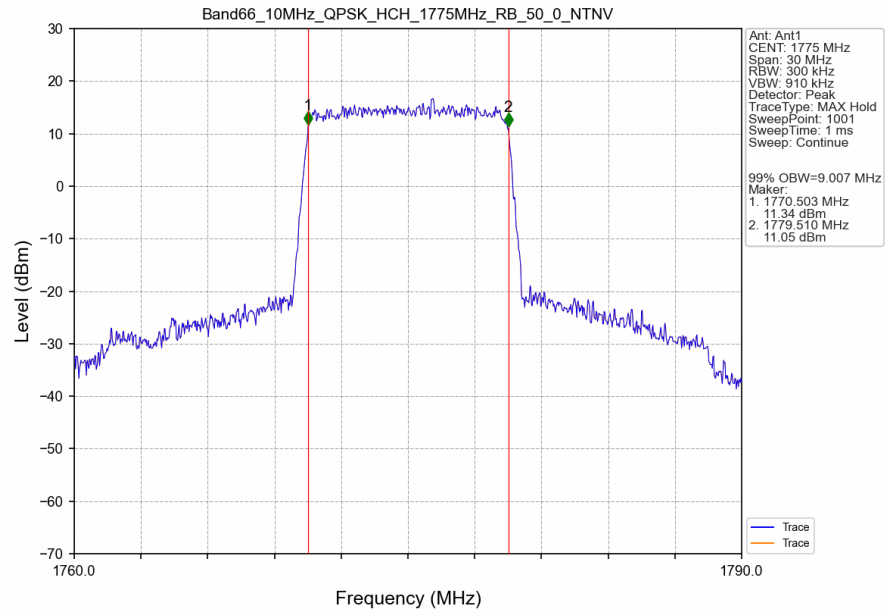
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



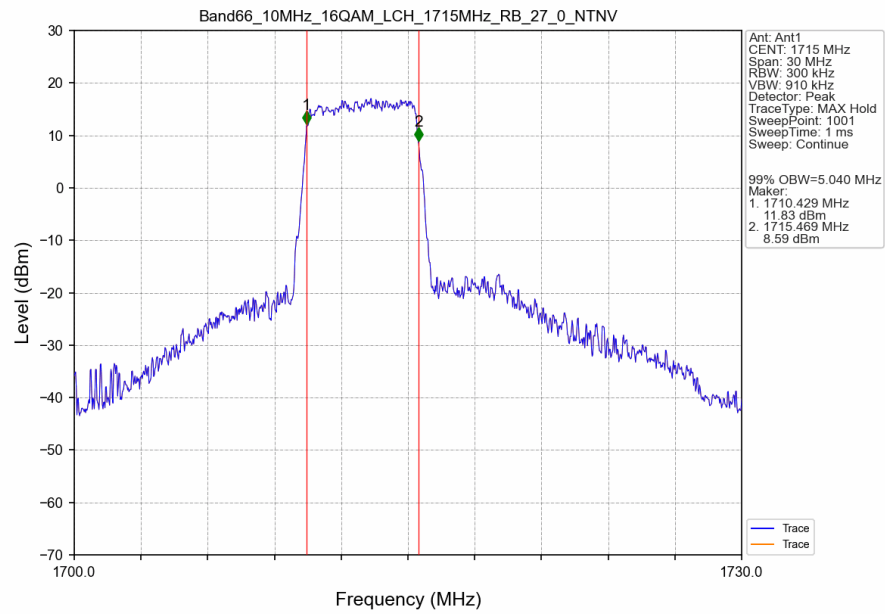
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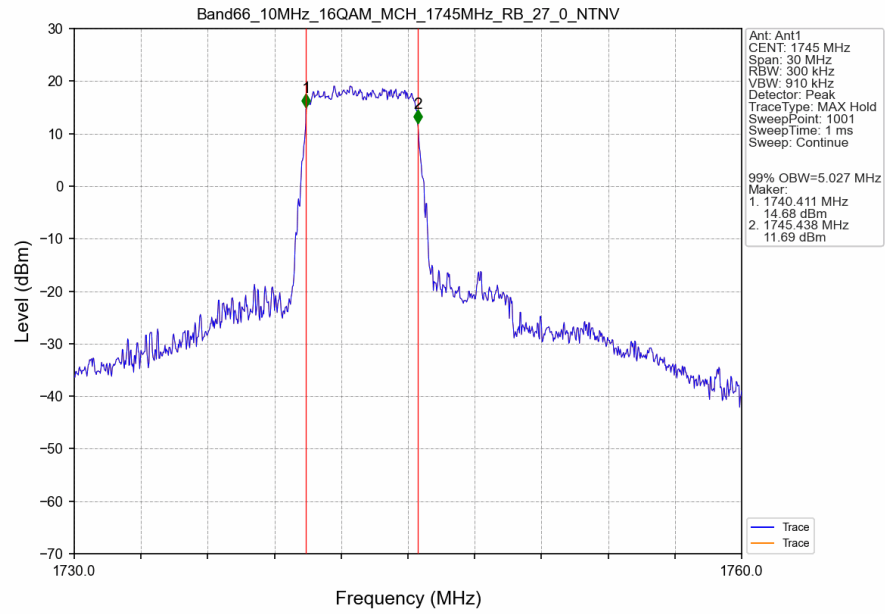
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



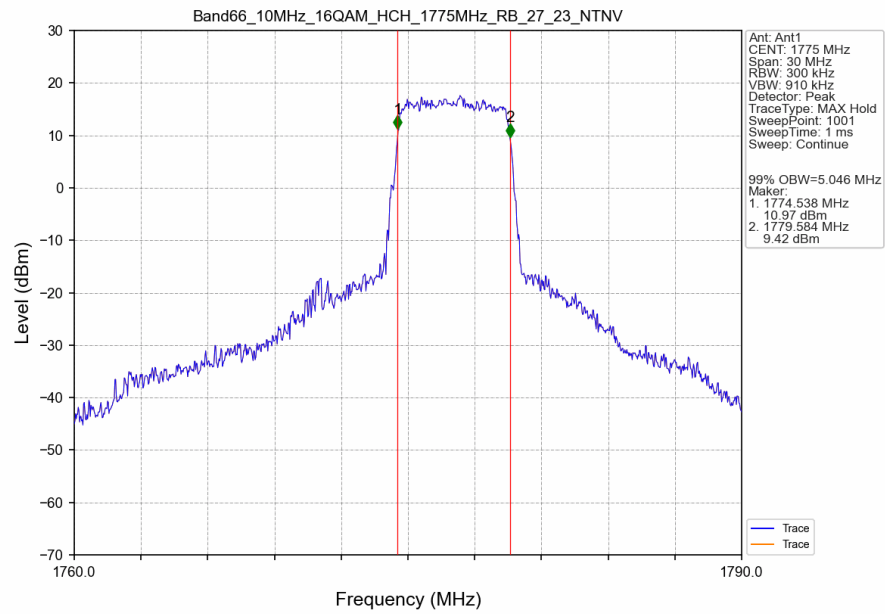
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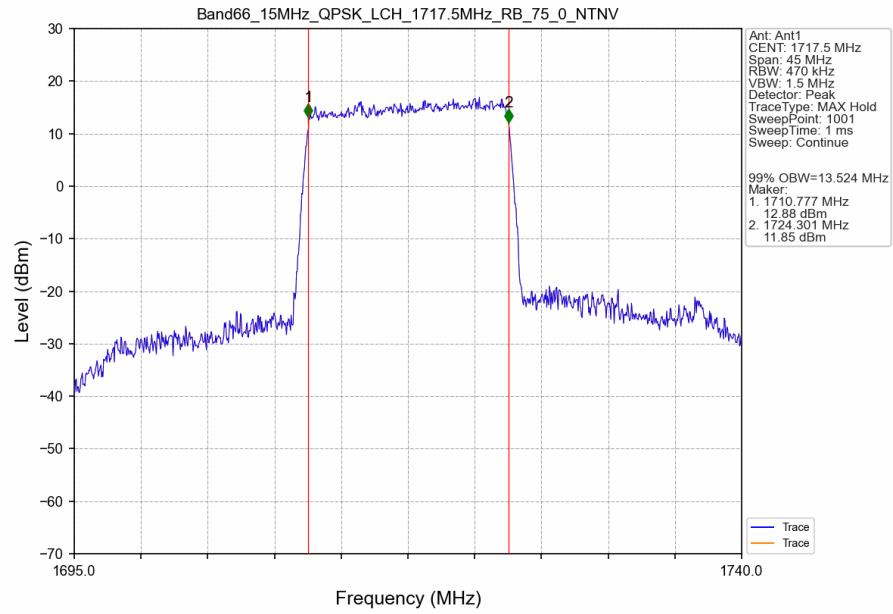
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



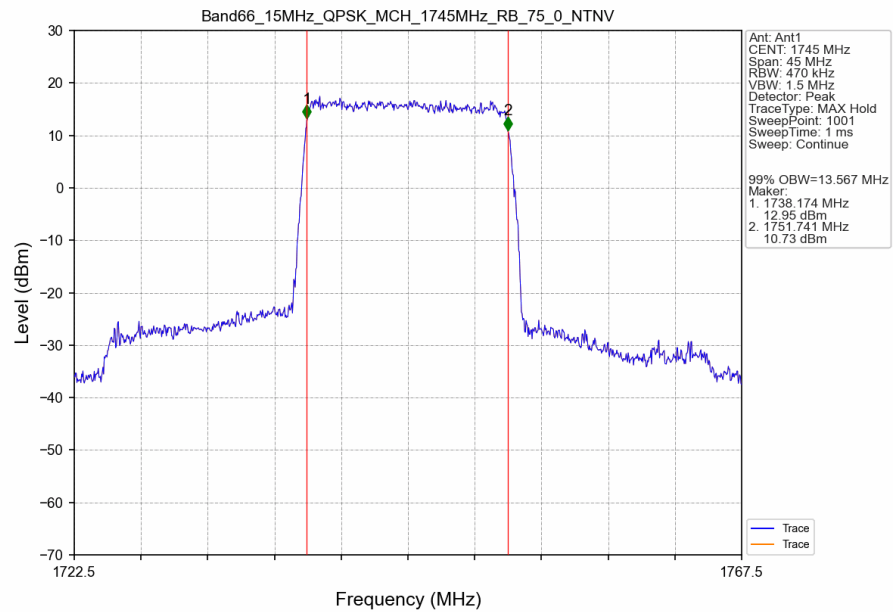
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



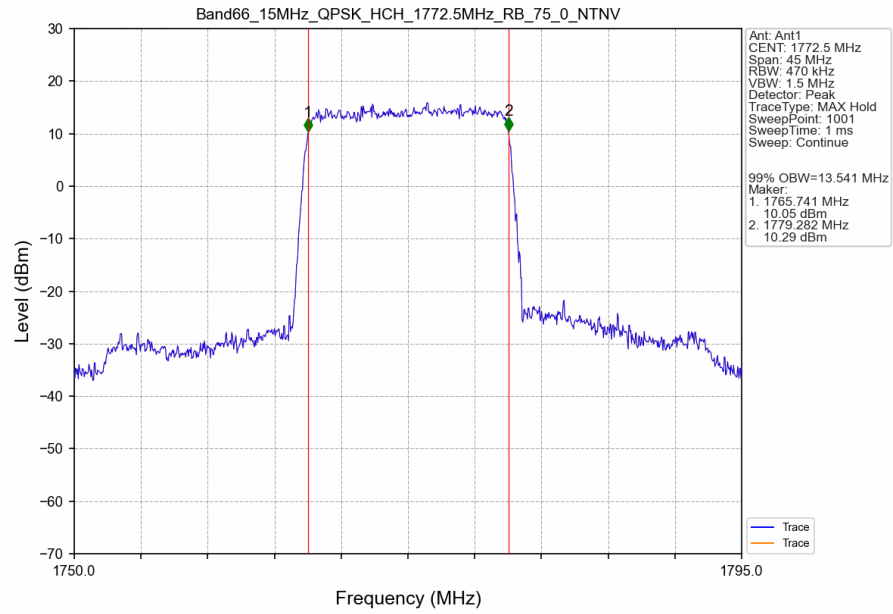
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



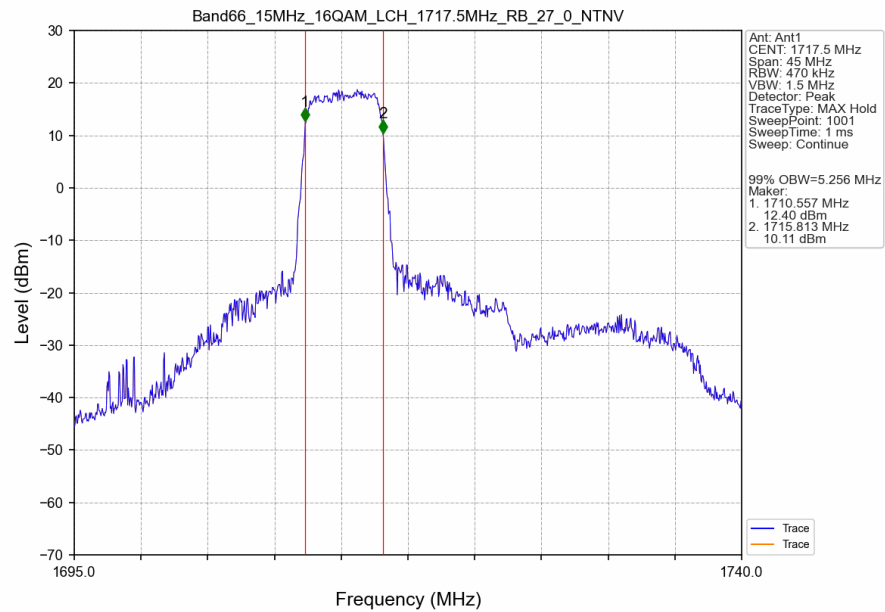
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



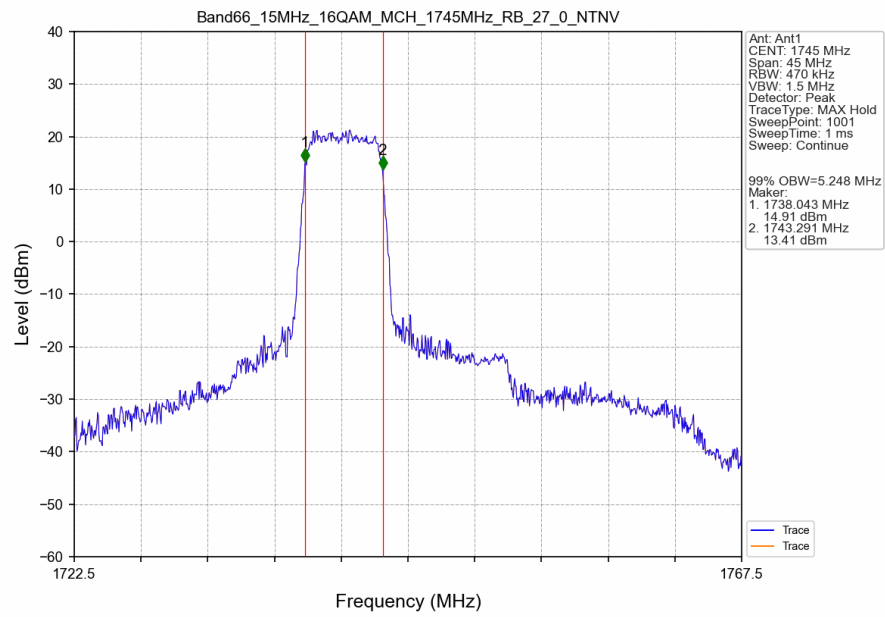
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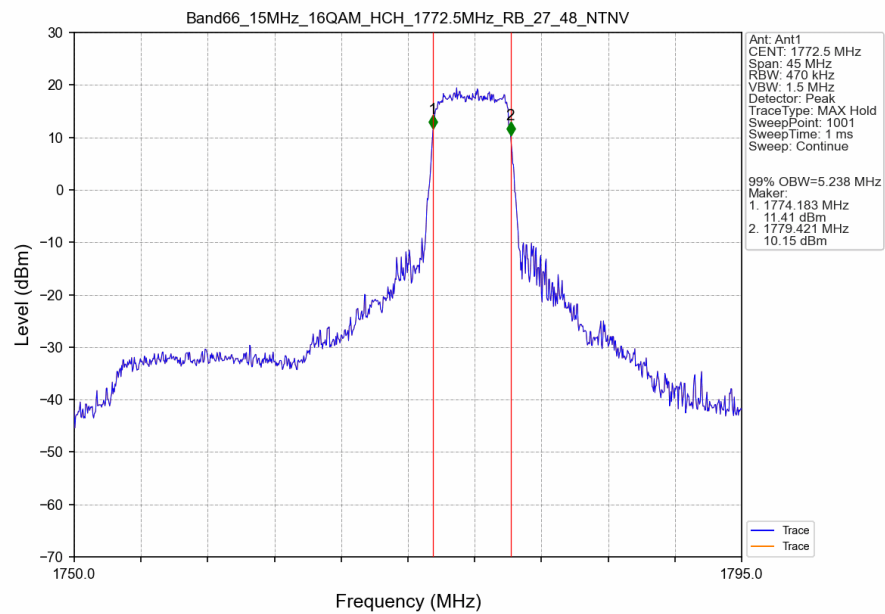
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



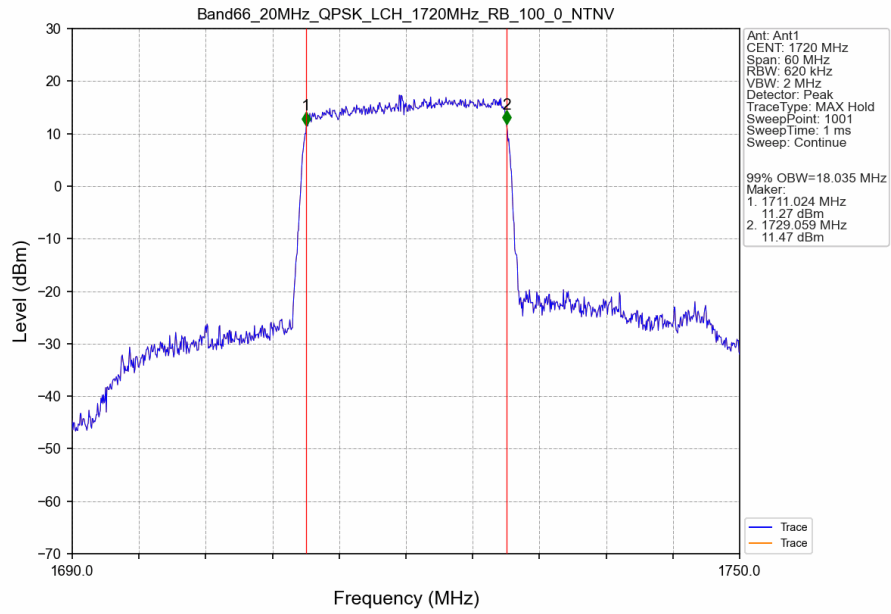
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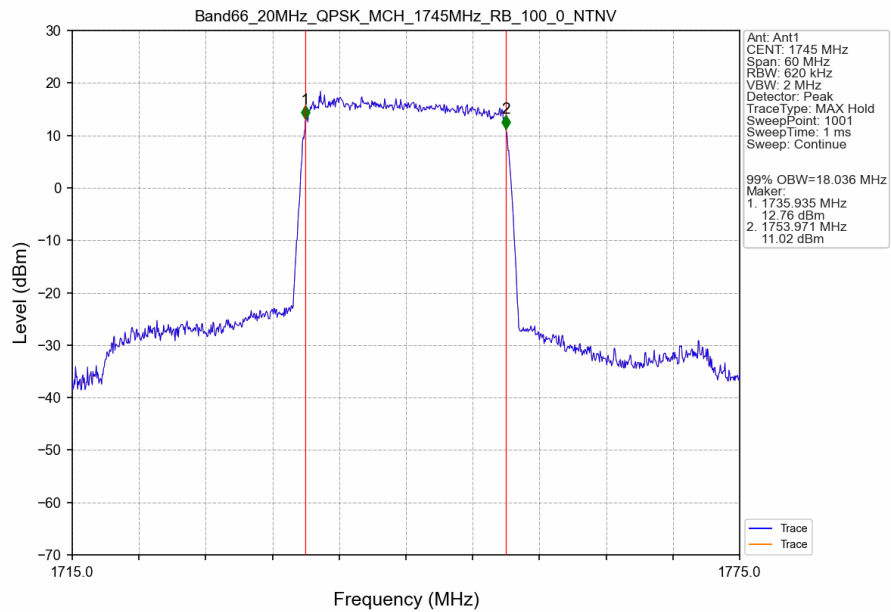
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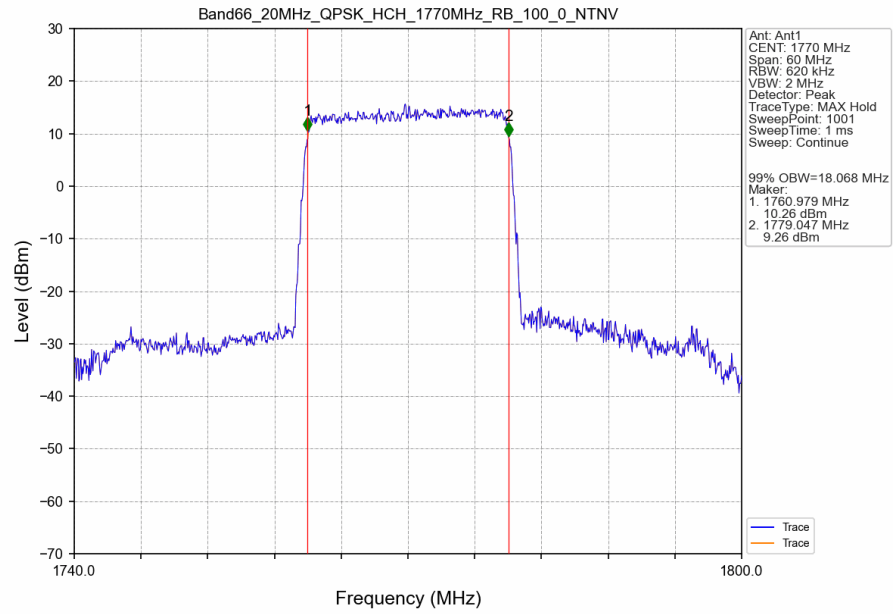
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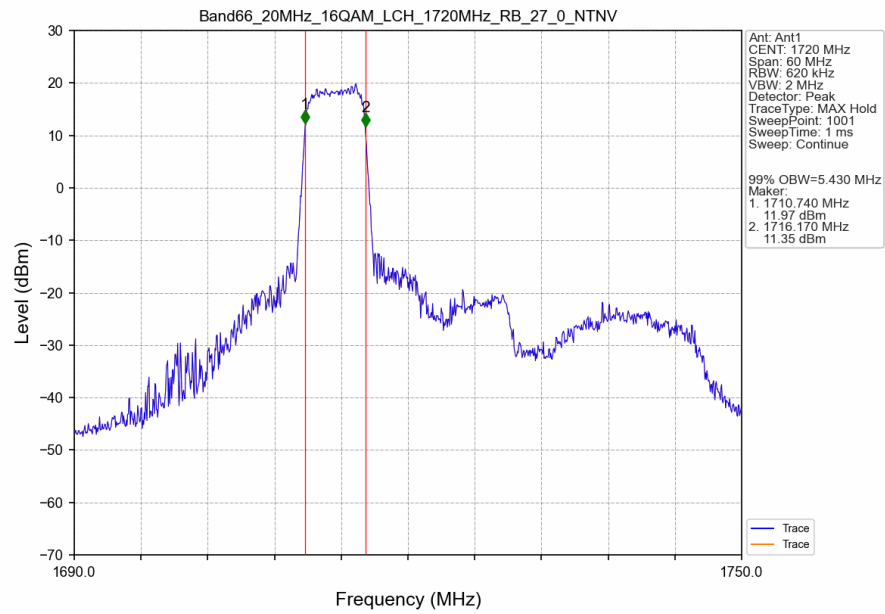
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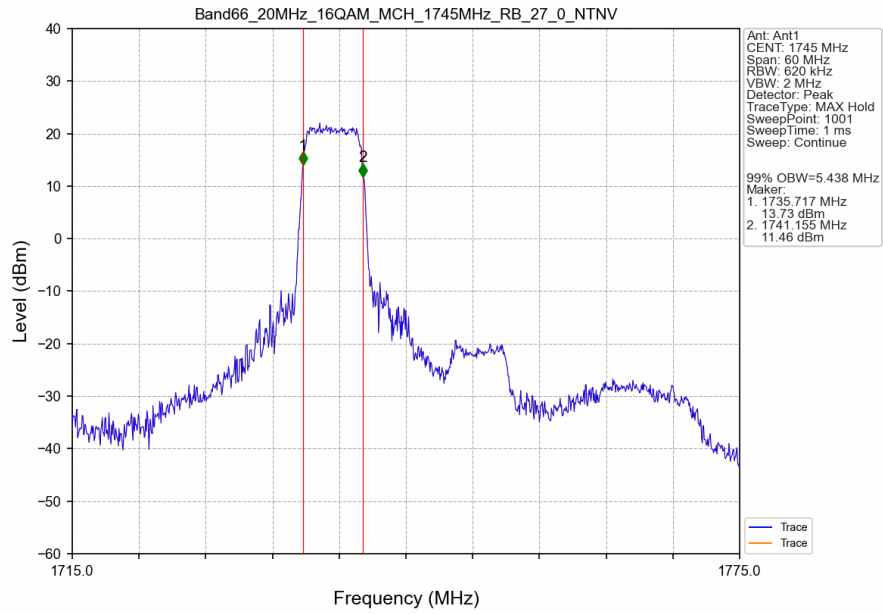
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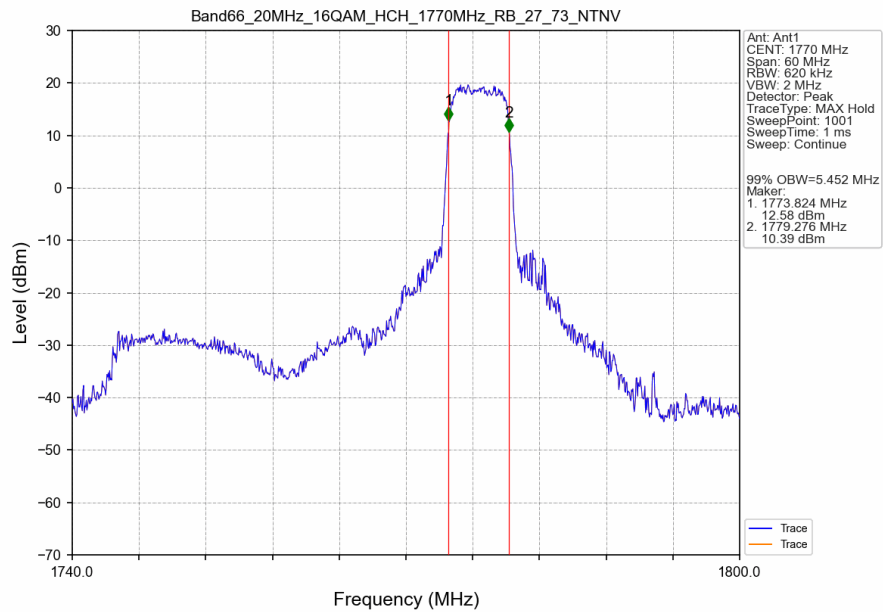
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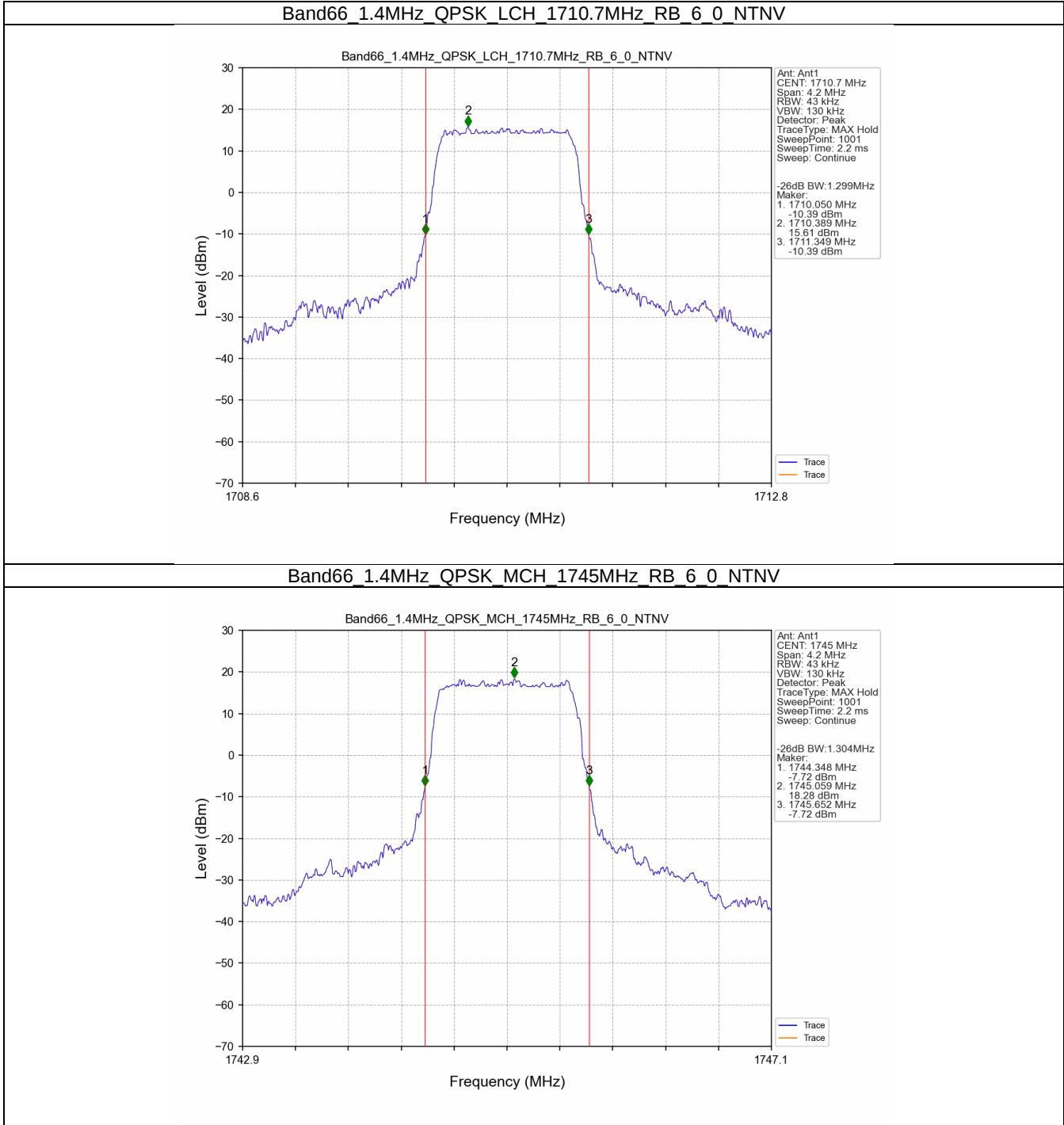
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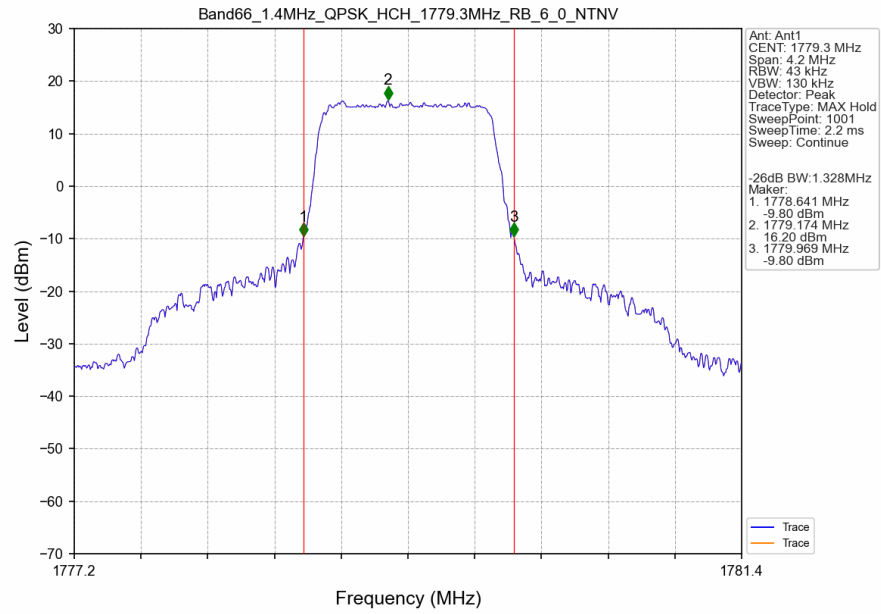
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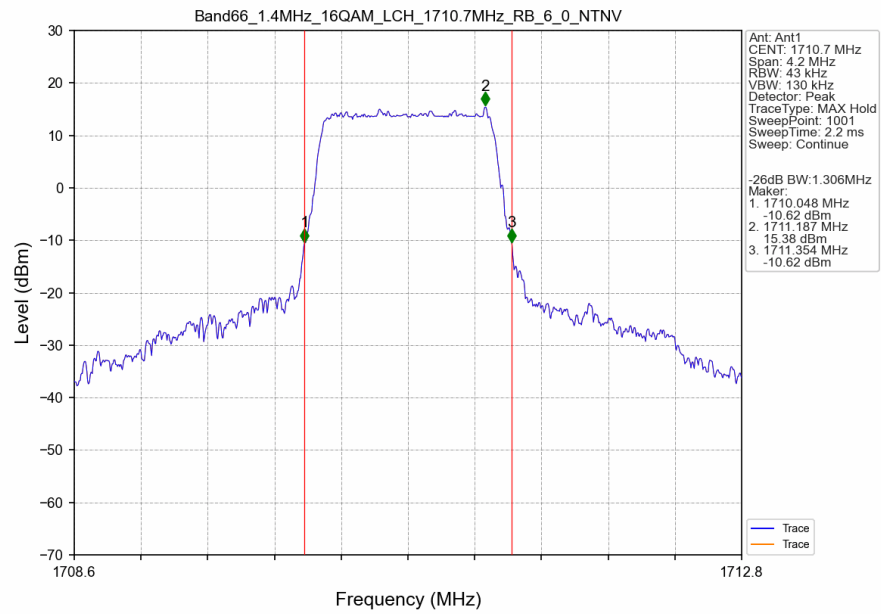
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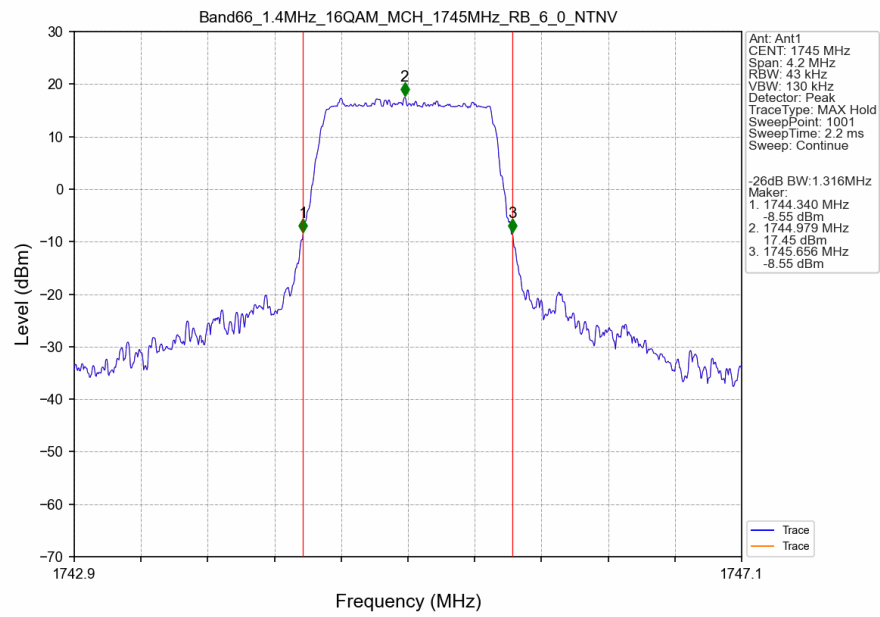
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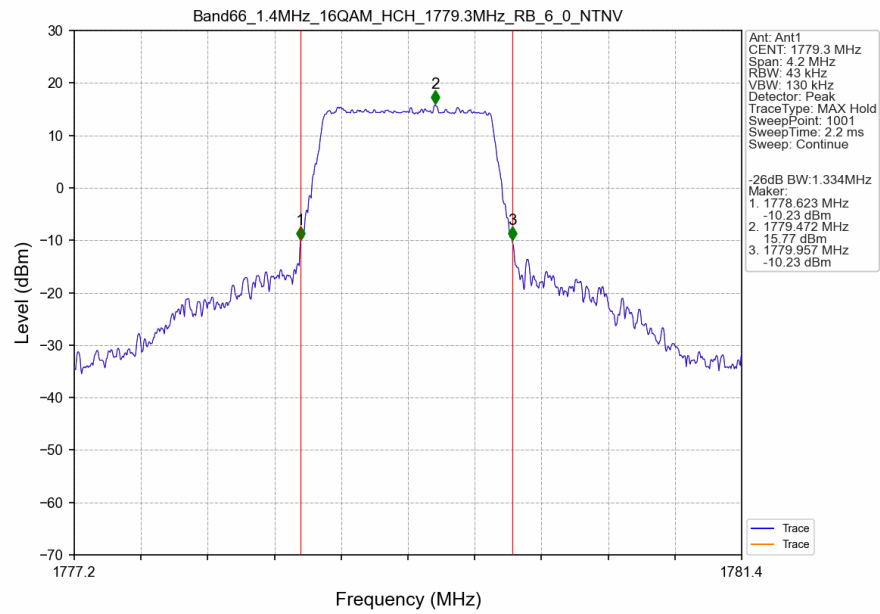
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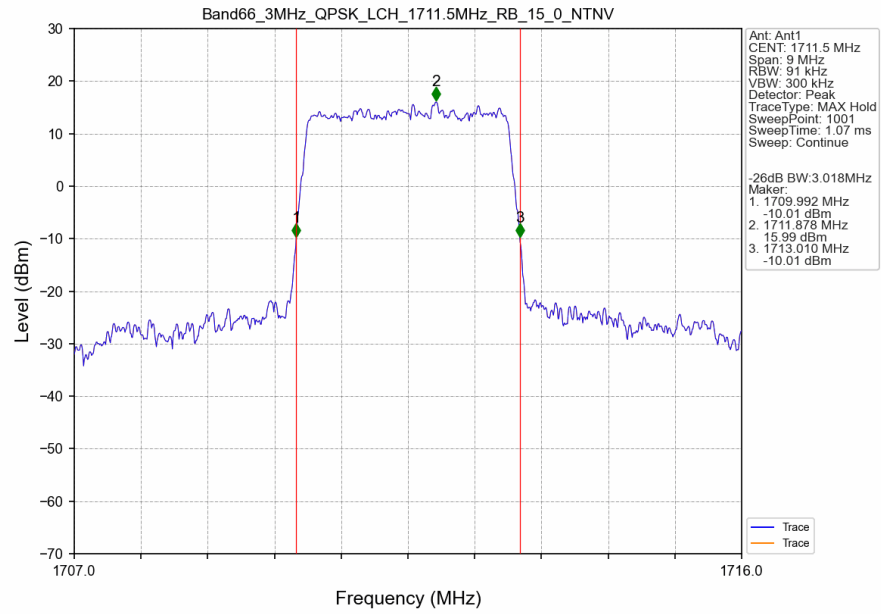
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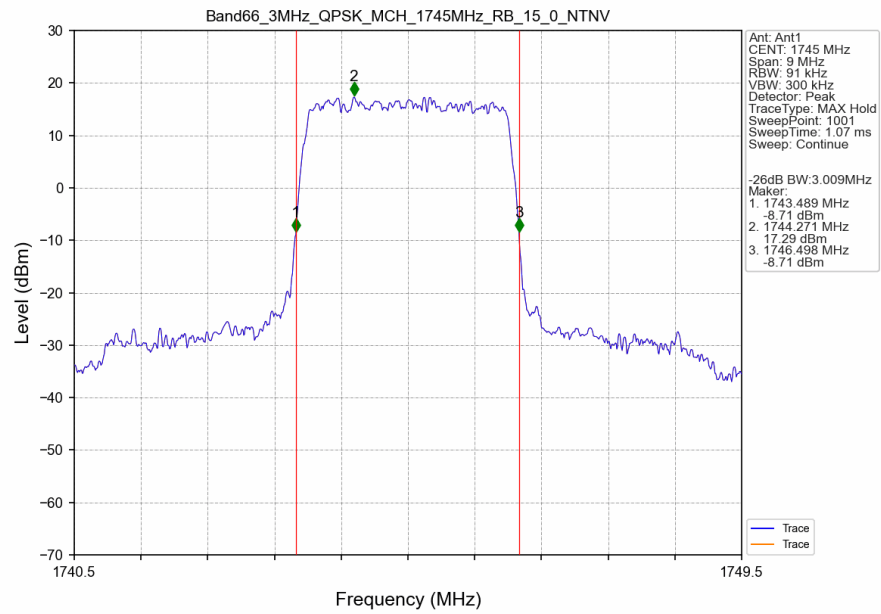
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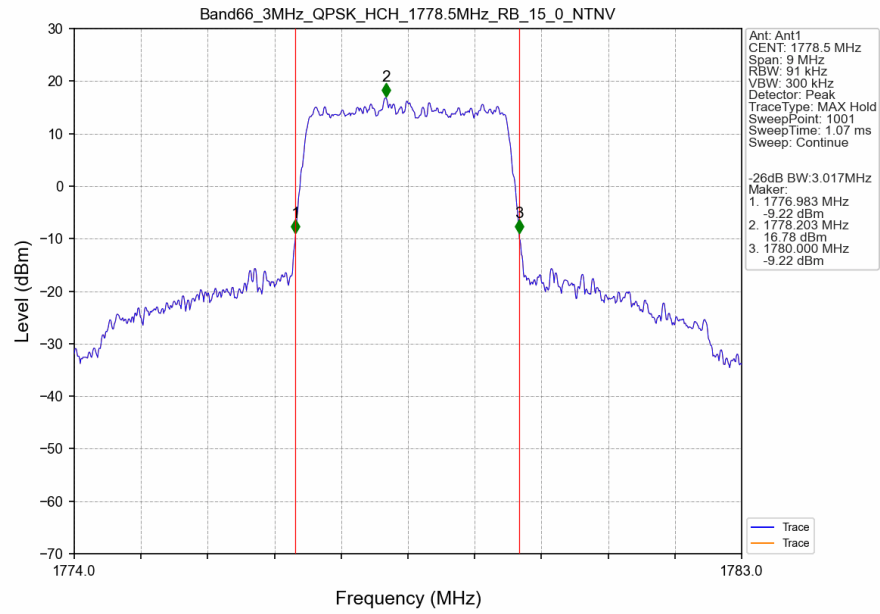
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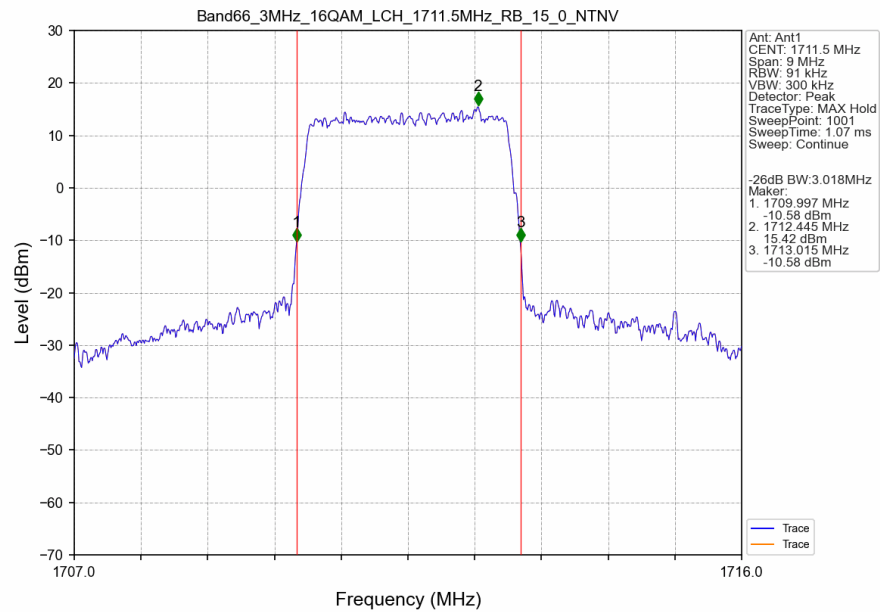
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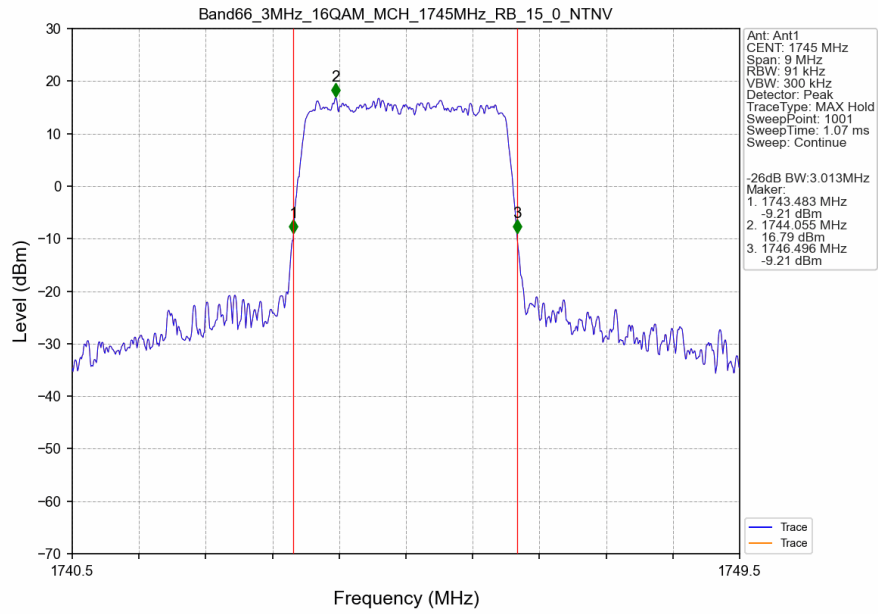
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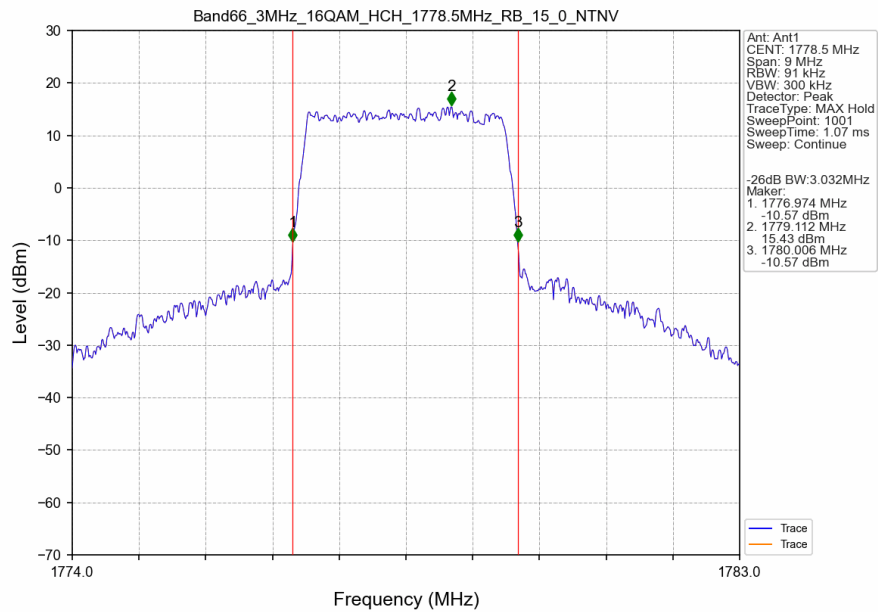
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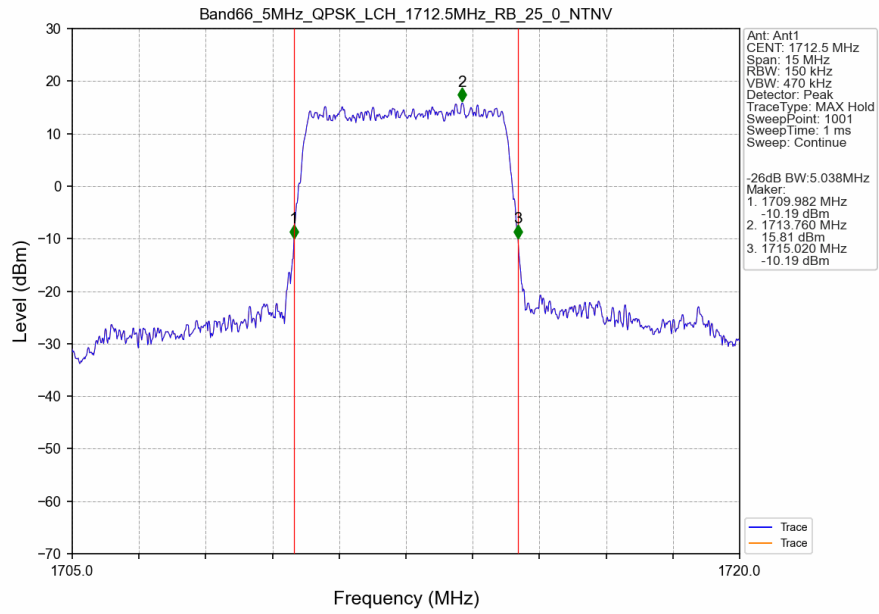
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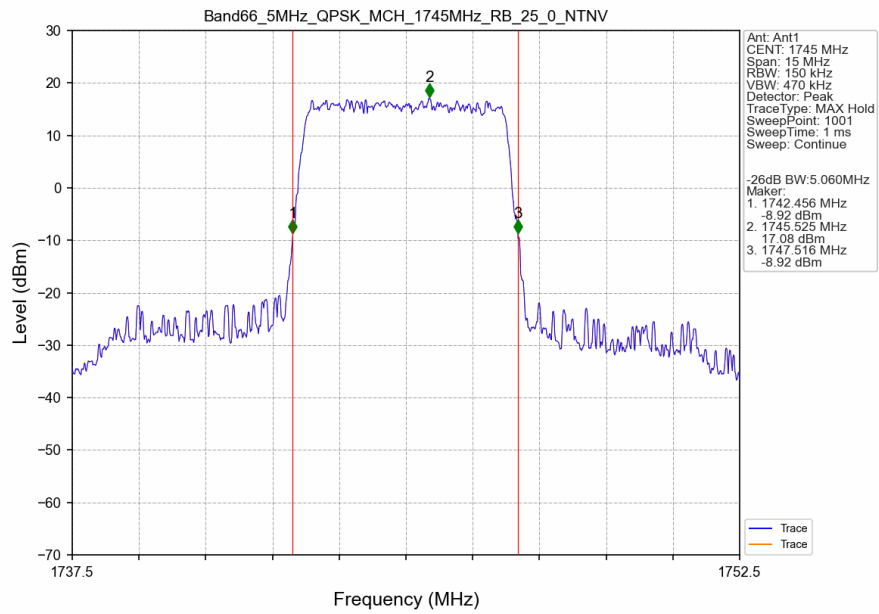
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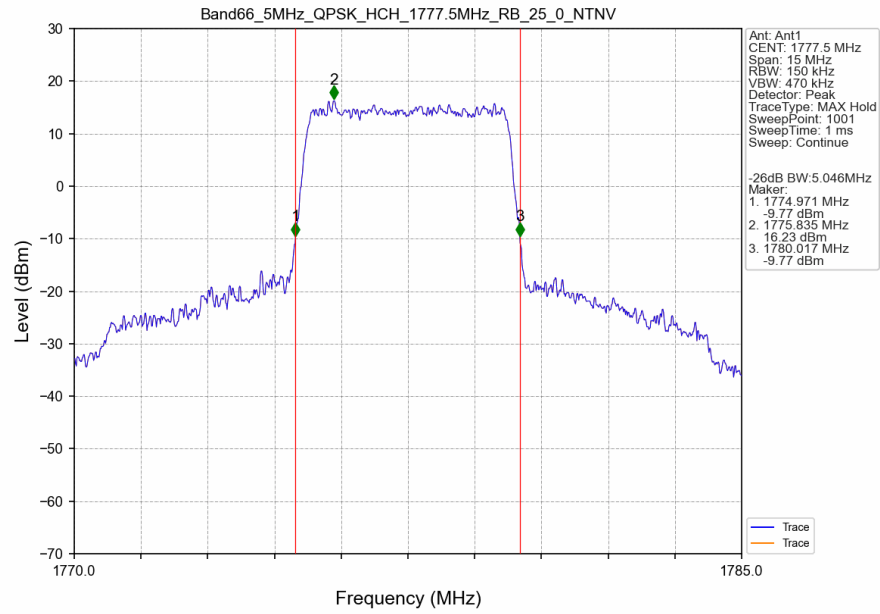
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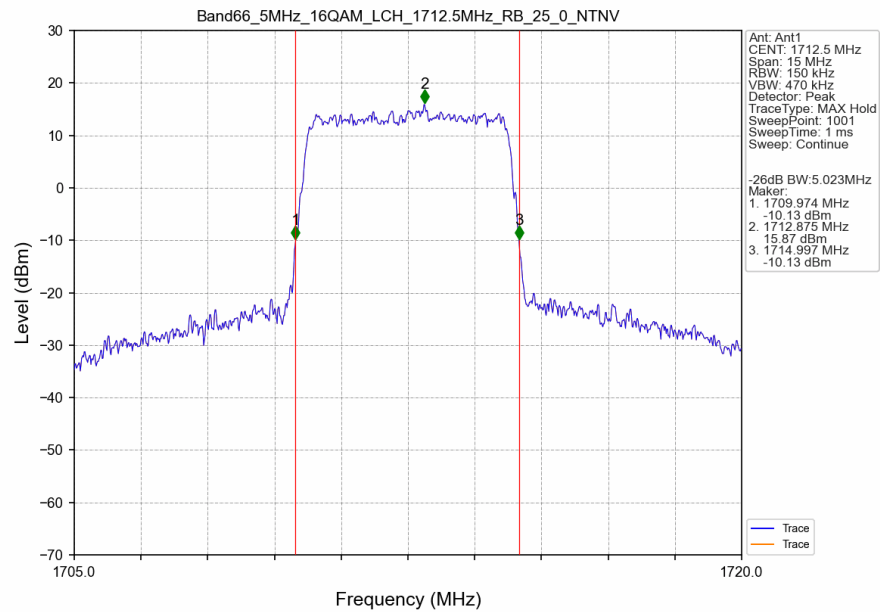
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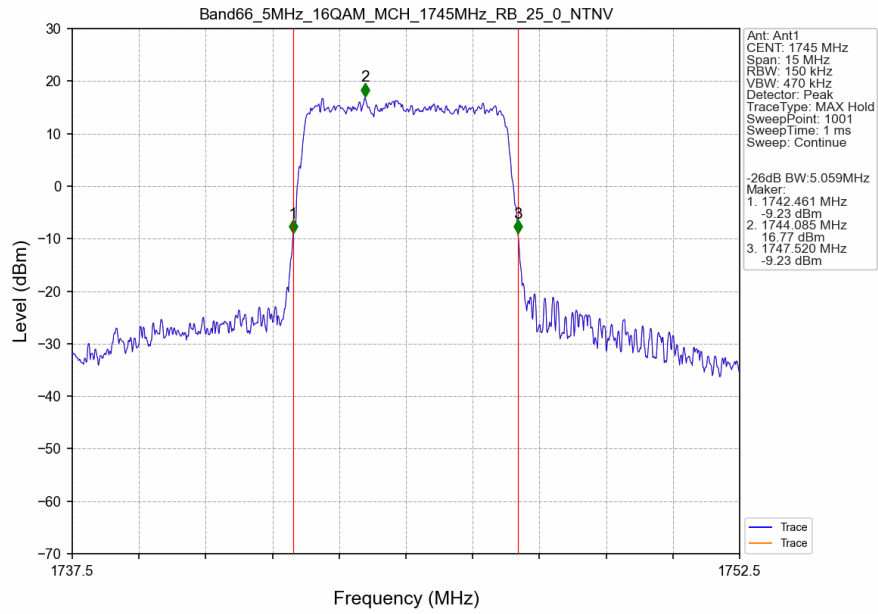
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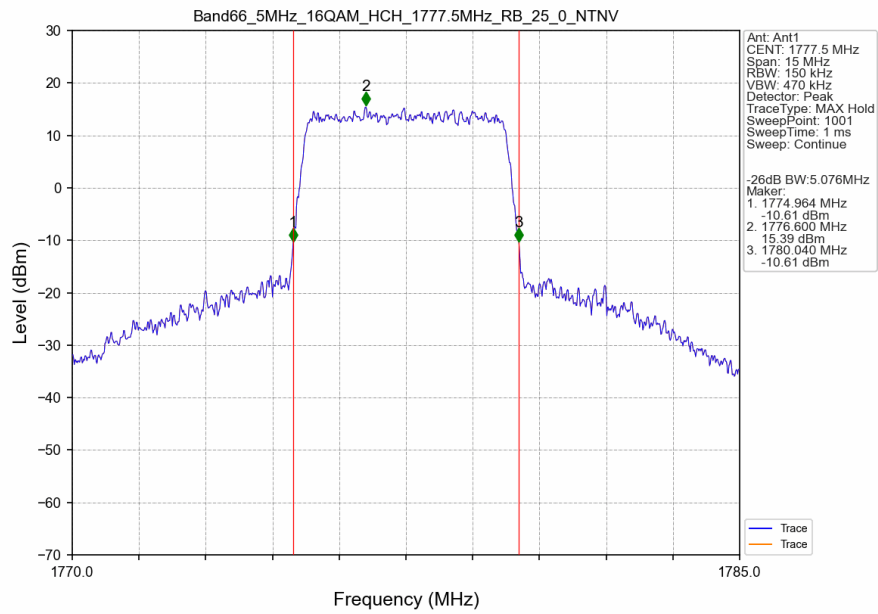
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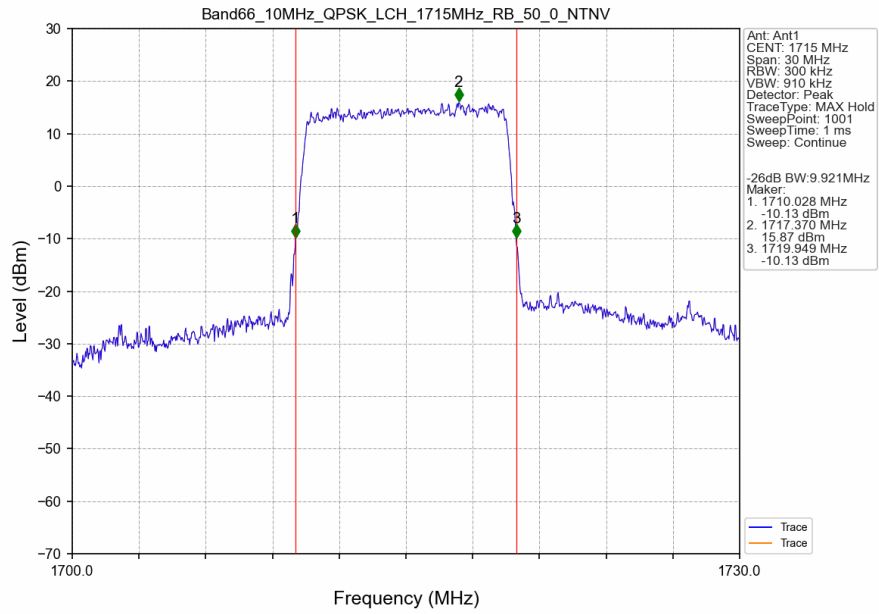
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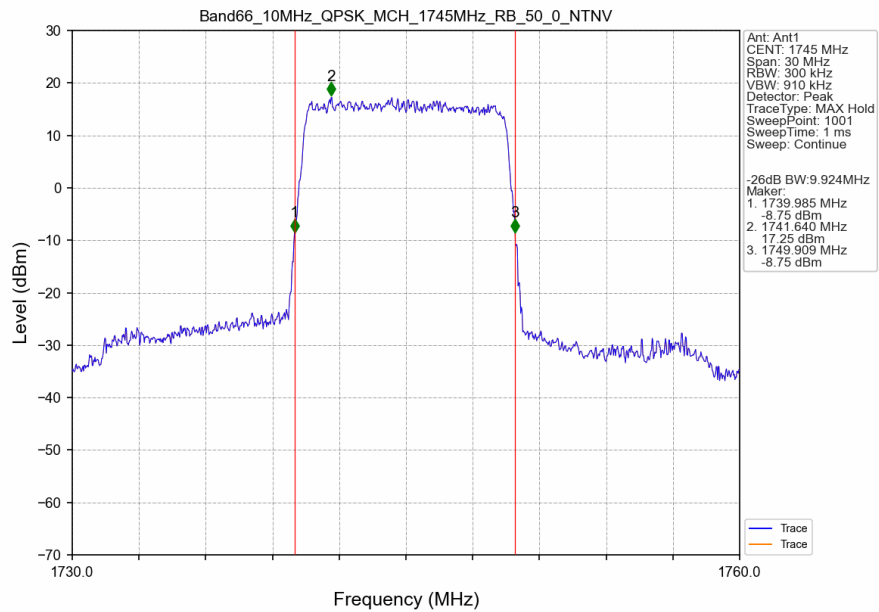
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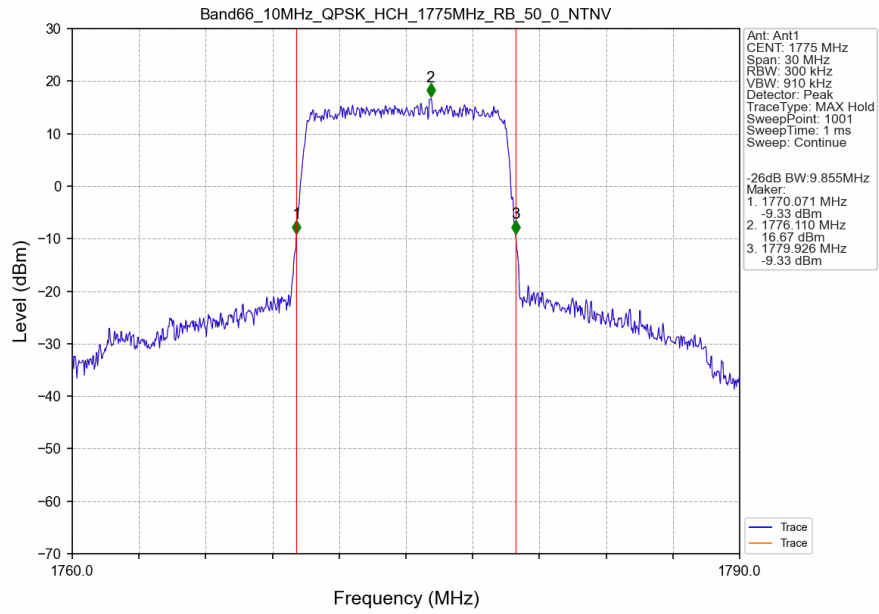
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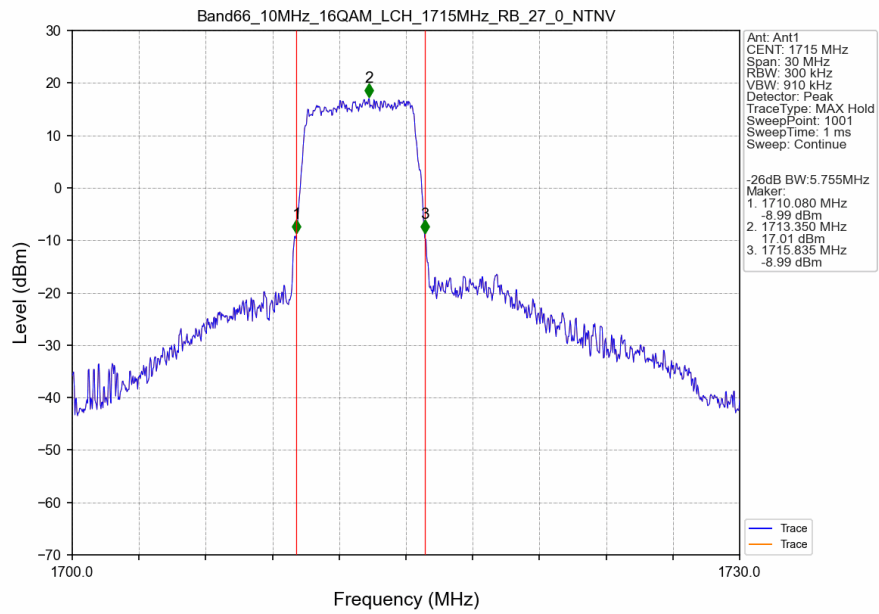
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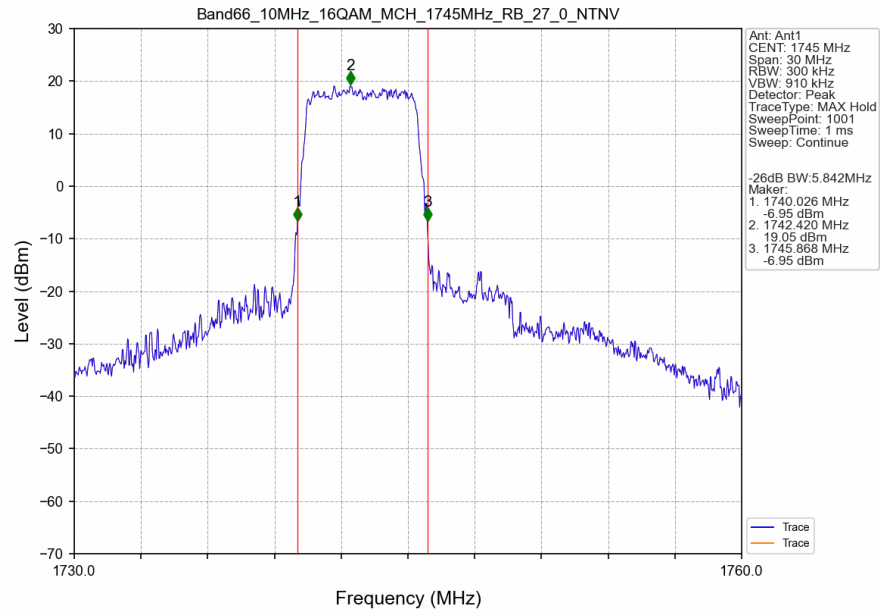
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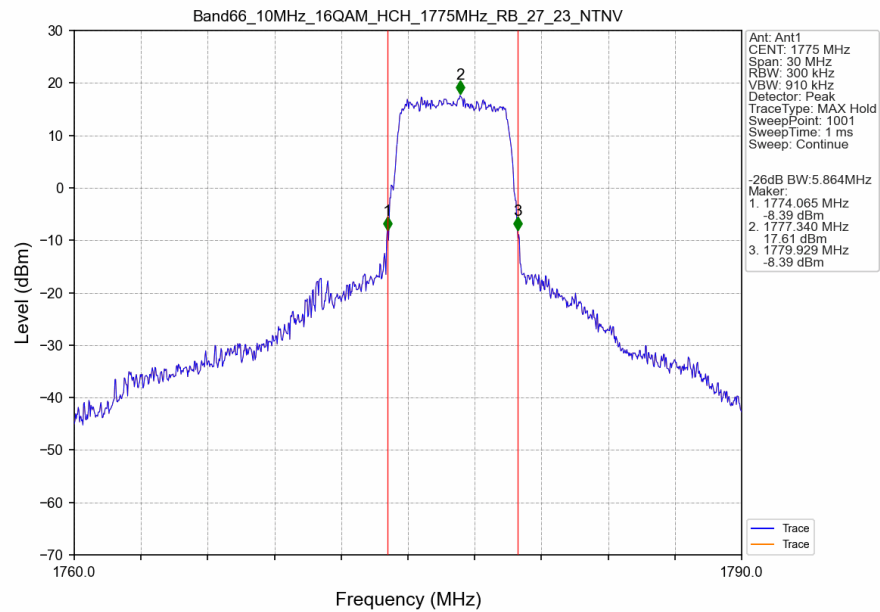
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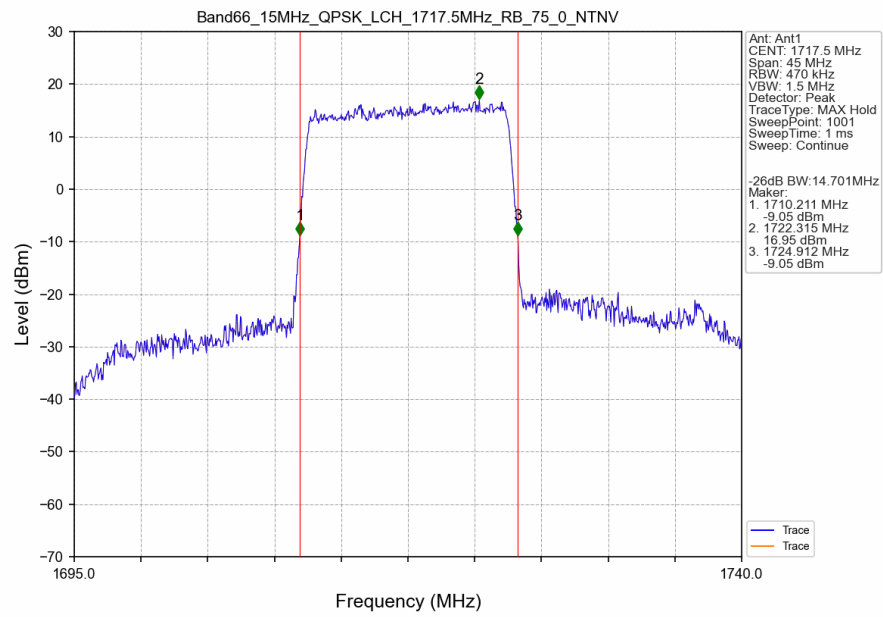
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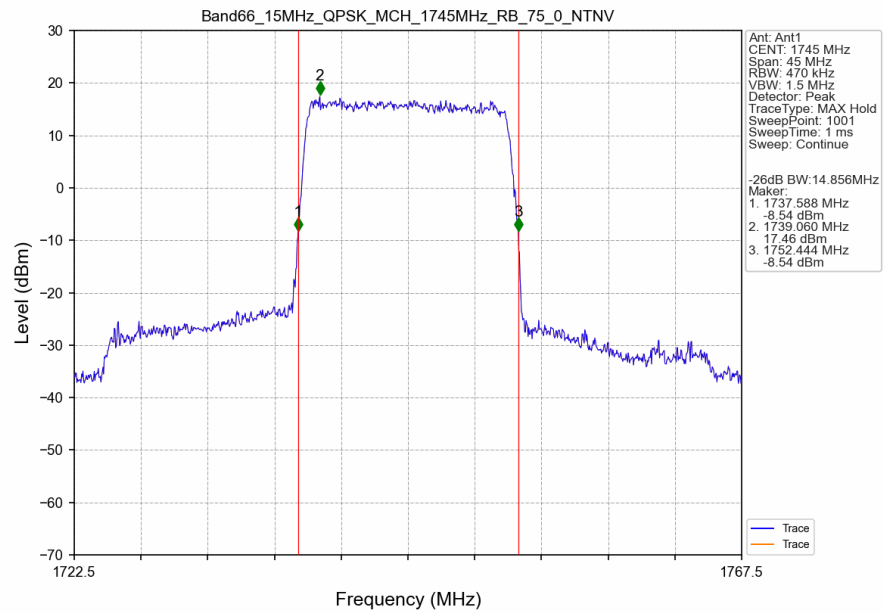
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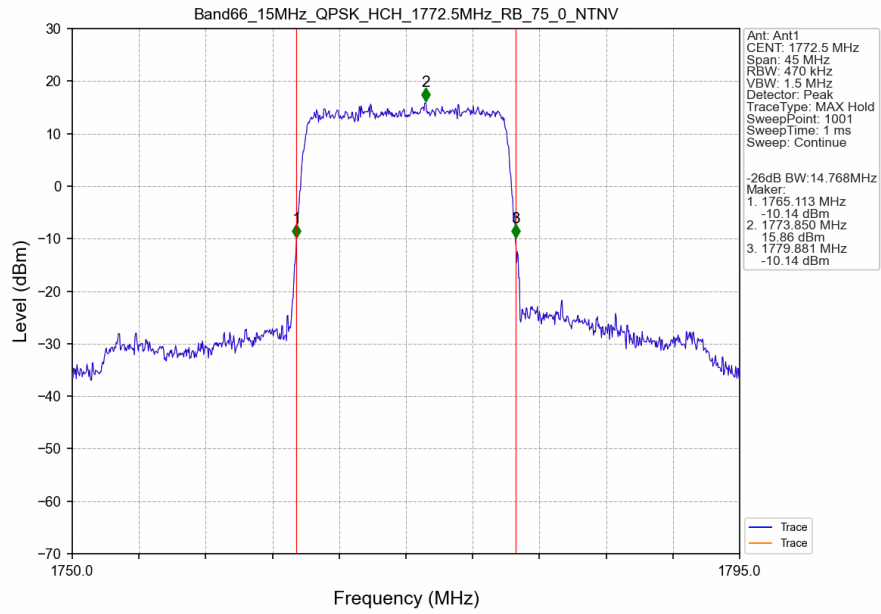
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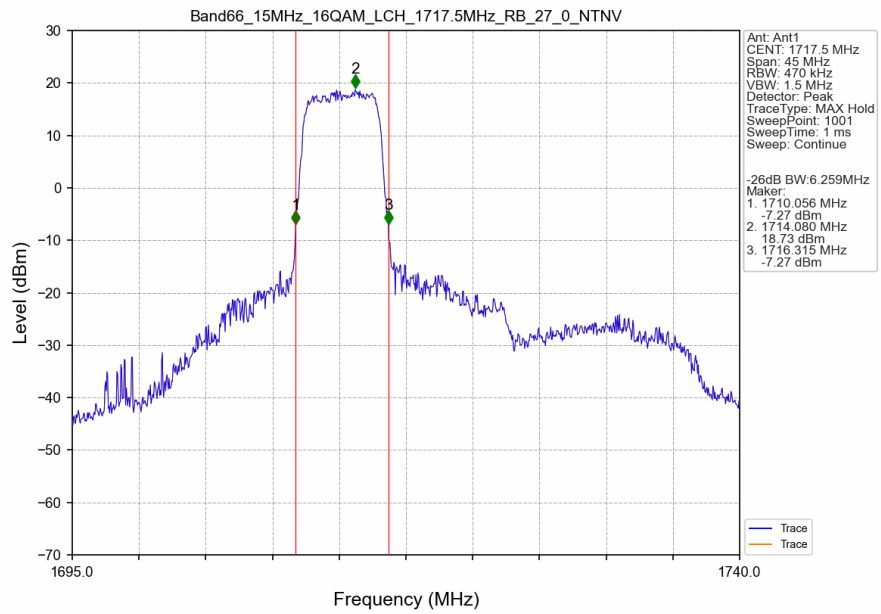
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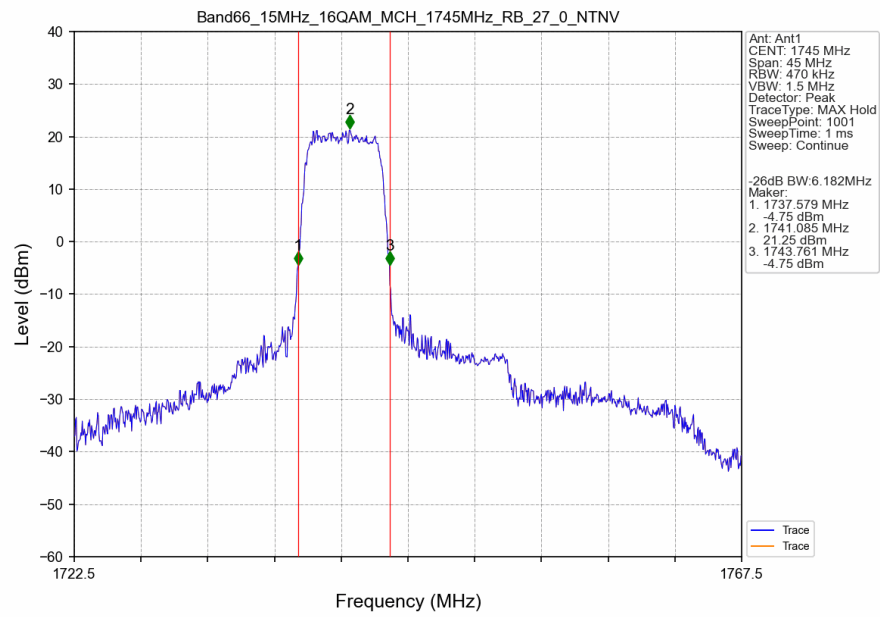
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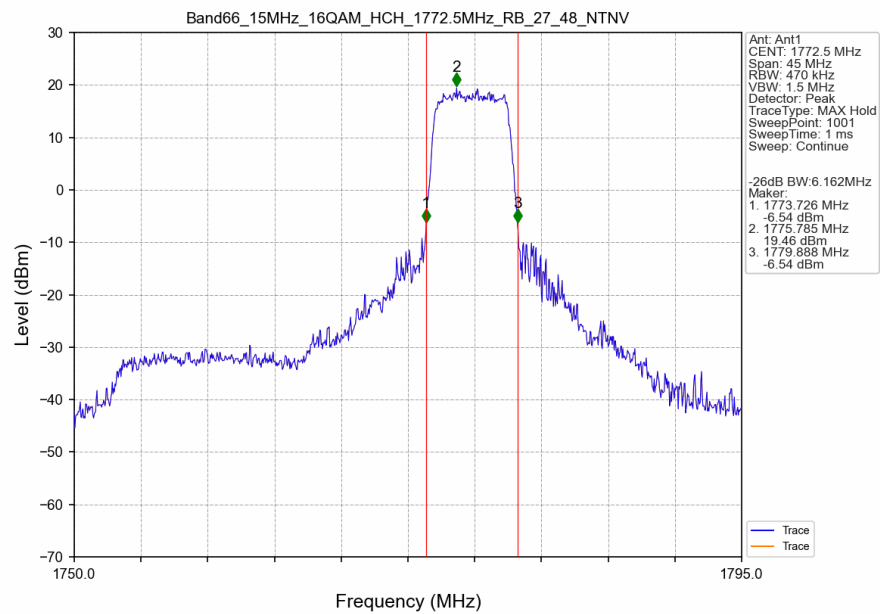
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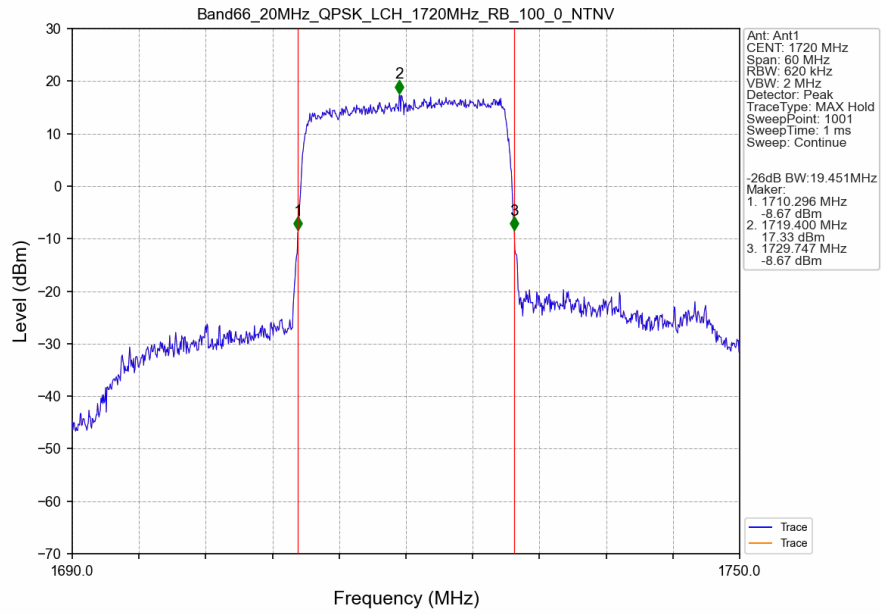
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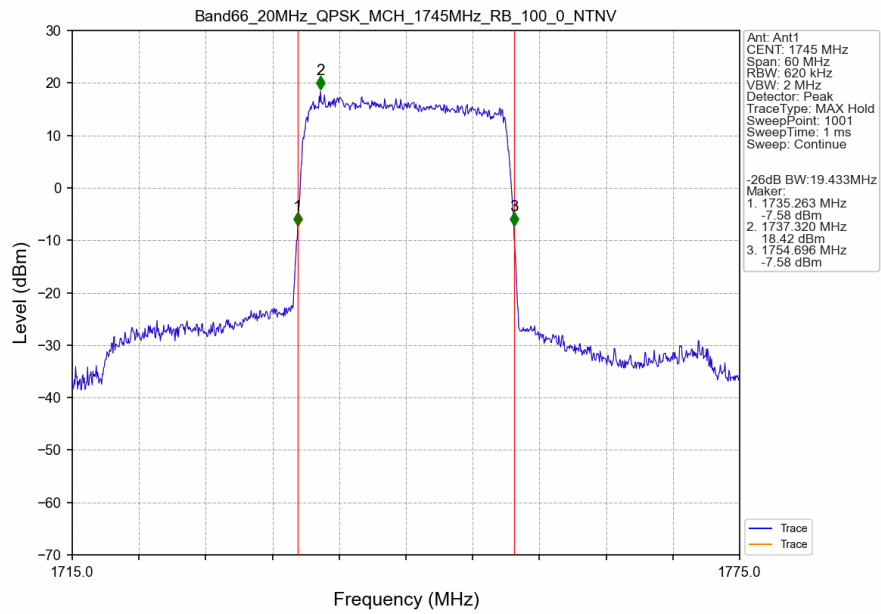
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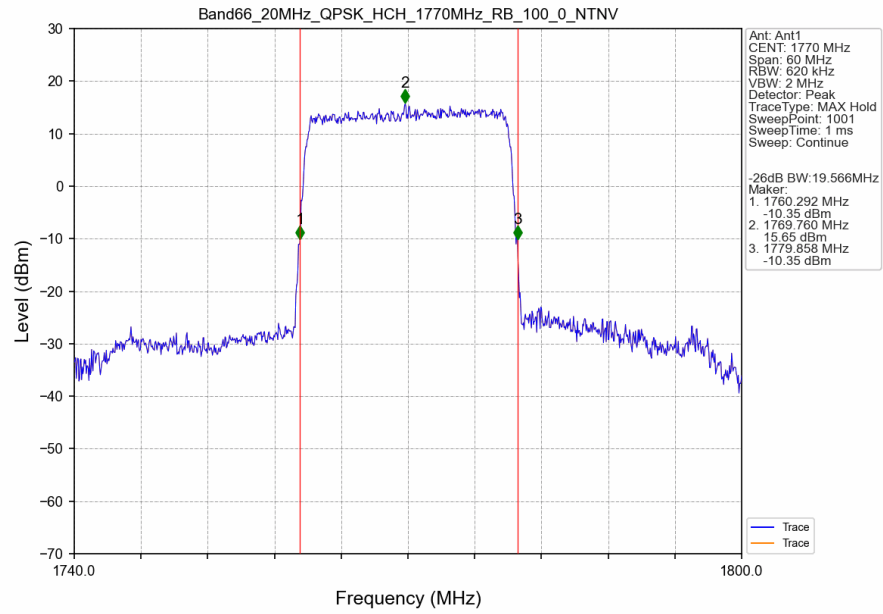
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTN

