

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	23.35	2.17	25.52	<=30	Pass	
			2	23.48	2.17	25.65	<=30	Pass	
			5	23.33	2.17	25.50	<=30	Pass	
		3	0	23.32	2.17	25.49	<=30	Pass	
			2	23.35	2.17	25.52	<=30	Pass	
			3	23.46	2.17	25.63	<=30	Pass	
		6	0	22.49	2.17	24.66	<=30	Pass	
	1745	1	0	23.18	2.17	25.35	<=30	Pass	
			2	23.21	2.17	25.38	<=30	Pass	
			5	23.03	2.17	25.20	<=30	Pass	
		3	0	23.15	2.17	25.32	<=30	Pass	
			2	23.10	2.17	25.27	<=30	Pass	
		3	23.06	2.17	25.23	<=30	Pass		
	1779.3	6	0	22.21	2.17	24.38	<=30	Pass	
			1	0	22.94	2.17	25.11	<=30	Pass
				2	22.75	2.17	24.92	<=30	Pass
		5		22.71	2.17	24.88	<=30	Pass	
		3	0	22.89	2.17	25.06	<=30	Pass	
			2	22.88	2.17	25.05	<=30	Pass	
			3	22.85	2.17	25.02	<=30	Pass	
	16QAM	1710.7	6	0	21.91	2.17	24.08	<=30	Pass
1				0	22.57	2.17	24.74	<=30	Pass
				2	22.62	2.17	24.79	<=30	Pass
			5	22.63	2.17	24.80	<=30	Pass	
3			0	22.54	2.17	24.71	<=30	Pass	
			2	22.56	2.17	24.73	<=30	Pass	
			3	22.57	2.17	24.74	<=30	Pass	
6		0	21.57	2.17	23.74	<=30	Pass		
1745		1	0	22.41	2.17	24.58	<=30	Pass	
			2	22.41	2.17	24.58	<=30	Pass	
			5	22.27	2.17	24.44	<=30	Pass	
		3	0	22.21	2.17	24.38	<=30	Pass	
			2	22.30	2.17	24.47	<=30	Pass	
		3	22.24	2.17	24.41	<=30	Pass		
1779.3		6	0	21.41	2.17	23.58	<=30	Pass	
			1	0	21.91	2.17	24.08	<=30	Pass
				2	21.98	2.17	24.15	<=30	Pass
		5		21.99	2.17	24.16	<=30	Pass	
		3	0	21.91	2.17	24.08	<=30	Pass	
			2	21.78	2.17	23.95	<=30	Pass	
		3	21.84	2.17	24.01	<=30	Pass		
	6	0	21.15	2.17	23.32	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.37	2.17	25.54	<=30	Pass
			7	23.46	2.17	25.63	<=30	Pass
			14	23.20	2.17	25.37	<=30	Pass
		8	0	22.44	2.17	24.61	<=30	Pass
			4	22.48	2.17	24.65	<=30	Pass
			7	22.40	2.17	24.57	<=30	Pass
		15	0	22.41	2.17	24.58	<=30	Pass
	1745	1	0	23.04	2.17	25.21	<=30	Pass
			7	23.14	2.17	25.31	<=30	Pass
			14	22.83	2.17	25.00	<=30	Pass
		8	0	22.22	2.17	24.39	<=30	Pass
			4	22.20	2.17	24.37	<=30	Pass
			7	22.10	2.17	24.27	<=30	Pass
		15	0	22.15	2.17	24.32	<=30	Pass
	1778.5	1	0	22.79	2.17	24.96	<=30	Pass
			7	22.92	2.17	25.09	<=30	Pass
			14	22.61	2.17	24.78	<=30	Pass
		8	0	21.90	2.17	24.07	<=30	Pass
			4	21.98	2.17	24.15	<=30	Pass
			7	21.92	2.17	24.09	<=30	Pass
		15	0	21.91	2.17	24.08	<=30	Pass
16QAM	1711.5	1	0	22.50	2.17	24.67	<=30	Pass
			7	22.49	2.17	24.66	<=30	Pass
			14	22.40	2.17	24.57	<=30	Pass
		8	0	21.47	2.17	23.64	<=30	Pass
			4	21.50	2.17	23.67	<=30	Pass
			7	21.34	2.17	23.51	<=30	Pass
		15	0	21.33	2.17	23.50	<=30	Pass
	1745	1	0	22.33	2.17	24.50	<=30	Pass
			7	22.42	2.17	24.59	<=30	Pass
			14	22.21	2.17	24.38	<=30	Pass
		8	0	21.35	2.17	23.52	<=30	Pass
			4	21.33	2.17	23.50	<=30	Pass
			7	21.24	2.17	23.41	<=30	Pass
		15	0	21.25	2.17	23.42	<=30	Pass
	1778.5	1	0	21.87	2.17	24.04	<=30	Pass
			7	22.09	2.17	24.26	<=30	Pass
			14	21.97	2.17	24.14	<=30	Pass
		8	0	21.07	2.17	23.24	<=30	Pass
4			21.14	2.17	23.31	<=30	Pass	
7			21.11	2.17	23.28	<=30	Pass	
15		0	21.04	2.17	23.21	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.13	2.17	25.30	<=30	Pass
			13	23.31	2.17	25.48	<=30	Pass
			24	23.33	2.17	25.50	<=30	Pass
		12	0	22.50	2.17	24.67	<=30	Pass
			6	22.45	2.17	24.62	<=30	Pass
			13	22.34	2.17	24.51	<=30	Pass
		25	0	22.45	2.17	24.62	<=30	Pass
	1745	1	0	23.23	2.17	25.40	<=30	Pass
			13	23.11	2.17	25.28	<=30	Pass
			24	23.15	2.17	25.32	<=30	Pass
		12	0	22.35	2.17	24.52	<=30	Pass
			6	22.33	2.17	24.50	<=30	Pass
			13	22.29	2.17	24.46	<=30	Pass
		25	0	22.34	2.17	24.51	<=30	Pass
	1777.5	1	0	22.98	2.17	25.15	<=30	Pass
			13	22.90	2.17	25.07	<=30	Pass
			24	22.83	2.17	25.00	<=30	Pass
		12	0	21.96	2.17	24.13	<=30	Pass
			6	21.98	2.17	24.15	<=30	Pass
			13	22.00	2.17	24.17	<=30	Pass
		25	0	21.98	2.17	24.15	<=30	Pass
16QAM	1712.5	1	0	22.78	2.17	24.95	<=30	Pass
			13	22.72	2.17	24.89	<=30	Pass
			24	22.35	2.17	24.52	<=30	Pass
		12	0	21.59	2.17	23.76	<=30	Pass
			6	21.57	2.17	23.74	<=30	Pass
			13	21.47	2.17	23.64	<=30	Pass
		25	0	21.49	2.17	23.66	<=30	Pass
	1745	1	0	22.34	2.17	24.51	<=30	Pass
			13	22.42	2.17	24.59	<=30	Pass
			24	22.51	2.17	24.68	<=30	Pass
		12	0	21.41	2.17	23.58	<=30	Pass
			6	21.40	2.17	23.57	<=30	Pass
	13	21.35	2.17	23.52	<=30	Pass		
	25	0	21.41	2.17	23.58	<=30	Pass	
	1777.5	1	0	22.07	2.17	24.24	<=30	Pass
			13	22.11	2.17	24.28	<=30	Pass
			24	21.76	2.17	23.93	<=30	Pass
		12	0	21.06	2.17	23.23	<=30	Pass
6			21.09	2.17	23.26	<=30	Pass	
13		21.12	2.17	23.29	<=30	Pass		
25	0	21.10	2.17	23.27	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.45	2.17	25.62	<=30	Pass
			25	23.29	2.17	25.46	<=30	Pass
			49	22.97	2.17	25.14	<=30	Pass
		25	0	22.42	2.17	24.59	<=30	Pass
			13	22.27	2.17	24.44	<=30	Pass
			25	22.12	2.17	24.29	<=30	Pass
		50	0	22.25	2.17	24.42	<=30	Pass
	1745	1	0	23.09	2.17	25.26	<=30	Pass
			25	23.22	2.17	25.39	<=30	Pass
			49	23.30	2.17	25.47	<=30	Pass
		25	0	22.33	2.17	24.50	<=30	Pass
			13	22.36	2.17	24.53	<=30	Pass
			25	22.37	2.17	24.54	<=30	Pass
		50	0	22.36	2.17	24.53	<=30	Pass
	1775	1	0	22.78	2.17	24.95	<=30	Pass
			25	22.98	2.17	25.15	<=30	Pass
			49	23.09	2.17	25.26	<=30	Pass
		25	0	21.96	2.17	24.13	<=30	Pass
			13	22.09	2.17	24.26	<=30	Pass
			25	22.14	2.17	24.31	<=30	Pass
		50	0	22.07	2.17	24.24	<=30	Pass
16QAM	1715	1	0	22.52	2.17	24.69	<=30	Pass
			25	22.30	2.17	24.47	<=30	Pass
			49	21.98	2.17	24.15	<=30	Pass
		12	0	22.25	2.17	24.42	<=30	Pass
			19	22.30	2.17	24.47	<=30	Pass
			38	22.08	2.17	24.25	<=30	Pass
		27	0	21.41	2.17	23.58	<=30	Pass
	1745	1	0	22.32	2.17	24.49	<=30	Pass
			25	22.39	2.17	24.56	<=30	Pass
			49	22.54	2.17	24.71	<=30	Pass
		12	0	22.23	2.17	24.40	<=30	Pass
			19	22.37	2.17	24.54	<=30	Pass
	27	38	22.30	2.17	24.47	<=30	Pass	
	1775	1	0	21.30	2.17	23.47	<=30	Pass
			0	21.75	2.17	23.92	<=30	Pass
			25	22.01	2.17	24.18	<=30	Pass
		12	49	22.30	2.17	24.47	<=30	Pass
			0	21.91	2.17	24.08	<=30	Pass
19			22.10	2.17	24.27	<=30	Pass	
27		38	22.20	2.17	24.37	<=30	Pass	
23	21.28	2.17	23.45	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.49	2.17	25.66	<=30	Pass
			38	23.11	2.17	25.28	<=30	Pass
			74	22.61	2.17	24.78	<=30	Pass
		36	0	22.28	2.17	24.45	<=30	Pass
			18	22.14	2.17	24.31	<=30	Pass
			39	21.91	2.17	24.08	<=30	Pass
		75	0	22.73	2.17	24.90	<=30	Pass
	1745	1	0	22.90	2.17	25.07	<=30	Pass
			38	23.23	2.17	25.40	<=30	Pass
			74	23.29	2.17	25.46	<=30	Pass
		36	0	22.18	2.17	24.35	<=30	Pass
			18	22.31	2.17	24.48	<=30	Pass
			39	22.29	2.17	24.46	<=30	Pass
		75	0	22.29	2.17	24.46	<=30	Pass
	1772.5	1	0	22.52	2.17	24.69	<=30	Pass
			38	22.89	2.17	25.06	<=30	Pass
			74	23.08	2.17	25.25	<=30	Pass
		36	0	21.72	2.17	23.89	<=30	Pass
			18	21.94	2.17	24.11	<=30	Pass
			39	22.16	2.17	24.33	<=30	Pass
		75	0	21.93	2.17	24.10	<=30	Pass
16QAM	1717.5	1	0	22.77	2.17	24.94	<=30	Pass
			38	22.34	2.17	24.51	<=30	Pass
			74	22.01	2.17	24.18	<=30	Pass
		12	0	22.22	2.17	24.39	<=30	Pass
			31	22.19	2.17	24.36	<=30	Pass
			63	21.77	2.17	23.94	<=30	Pass
		27	0	21.40	2.17	23.57	<=30	Pass
	1745	1	0	22.25	2.17	24.42	<=30	Pass
			38	22.61	2.17	24.78	<=30	Pass
			74	22.72	2.17	24.89	<=30	Pass
		12	0	22.06	2.17	24.23	<=30	Pass
			31	22.28	2.17	24.45	<=30	Pass
			63	22.30	2.17	24.47	<=30	Pass
		27	0	21.25	2.17	23.42	<=30	Pass
	1772.5	1	0	21.80	2.17	23.97	<=30	Pass
			38	22.29	2.17	24.46	<=30	Pass
			74	22.51	2.17	24.68	<=30	Pass
		12	0	21.53	2.17	23.70	<=30	Pass
			31	21.97	2.17	24.14	<=30	Pass
			63	22.18	2.17	24.35	<=30	Pass
		27	48	21.32	2.17	23.49	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	23.59	2.17	25.76	<=30	Pass		
			50	22.89	2.17	25.06	<=30	Pass		
			99	22.65	2.17	24.82	<=30	Pass		
		50	0	22.22	2.17	24.39	<=30	Pass		
			25	21.94	2.17	24.11	<=30	Pass		
			50	21.71	2.17	23.88	<=30	Pass		
		100	0	22.58	2.17	24.75	<=30	Pass		
		1745	1	0	22.70	2.17	24.87	<=30	Pass	
				50	23.27	2.17	25.44	<=30	Pass	
	99			23.40	2.17	25.57	<=30	Pass		
	50		0	22.18	2.17	24.35	<=30	Pass		
			25	22.37	2.17	24.54	<=30	Pass		
			50	22.44	2.17	24.61	<=30	Pass		
	100		0	22.33	2.17	24.50	<=30	Pass		
	1770		1	0	22.71	2.17	24.88	<=30	Pass	
				50	22.69	2.17	24.86	<=30	Pass	
		99		23.14	2.17	25.31	<=30	Pass		
		50	0	21.65	2.17	23.82	<=30	Pass		
			25	21.86	2.17	24.03	<=30	Pass		
			50	22.17	2.17	24.34	<=30	Pass		
		100	0	21.95	2.17	24.12	<=30	Pass		
		16QAM	1720	1	0	22.57	2.17	24.74	<=30	Pass
					50	22.15	2.17	24.32	<=30	Pass
	99				22.04	2.17	24.21	<=30	Pass	
	12			0	22.53	2.17	24.70	<=30	Pass	
				44	21.97	2.17	24.14	<=30	Pass	
				88	21.63	2.17	23.80	<=30	Pass	
27	0			21.39	2.17	23.56	<=30	Pass		
1745	1			0	21.89	2.17	24.06	<=30	Pass	
				50	22.53	2.17	24.70	<=30	Pass	
			99	22.76	2.17	24.93	<=30	Pass		
	12		0	21.94	2.17	24.11	<=30	Pass		
			44	22.39	2.17	24.56	<=30	Pass		
			88	22.49	2.17	24.66	<=30	Pass		
	27		0	21.10	2.17	23.27	<=30	Pass		
	1770		1	0	21.97	2.17	24.14	<=30	Pass	
				50	21.91	2.17	24.08	<=30	Pass	
99				22.36	2.17	24.53	<=30	Pass		
12			0	21.75	2.17	23.92	<=30	Pass		
			44	21.83	2.17	24.00	<=30	Pass		
			88	22.32	2.17	24.49	<=30	Pass		
27			73	21.37	2.17	23.54	<=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	3.4	-2.900	-0.0017	-2.5 to 2.5	Pass
					3.8	-4.600	-0.0027	-2.5 to 2.5	Pass
					4.2	-7.900	-0.0046	-2.5 to 2.5	Pass
				-30	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				-20	3.8	-3.100	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				10	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.8	0.800	0.0005	-2.5 to 2.5	Pass
				40	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
				50	3.8	-3.400	-0.0020	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	3.000	0.0017	-2.5 to 2.5	Pass
					3.8	3.800	0.0022	-2.5 to 2.5	Pass
					4.2	1.200	0.0007	-2.5 to 2.5	Pass
				-30	3.8	2.000	0.0011	-2.5 to 2.5	Pass
				-20	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	-4.500	-0.0026	-2.5 to 2.5	Pass
				0	3.8	-3.800	-0.0022	-2.5 to 2.5	Pass
				10	3.8	2.000	0.0011	-2.5 to 2.5	Pass
				30	3.8	-3.700	-0.0021	-2.5 to 2.5	Pass
				40	3.8	2.600	0.0015	-2.5 to 2.5	Pass
				50	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	0.800	0.0004	-2.5 to 2.5	Pass
					3.8	-2.700	-0.0015	-2.5 to 2.5	Pass
					4.2	-2.600	-0.0015	-2.5 to 2.5	Pass
				-30	3.8	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.8	-2.400	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	2.900	0.0016	-2.5 to 2.5	Pass
				0	3.8	2.200	0.0012	-2.5 to 2.5	Pass
				10	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				30	3.8	-2.500	-0.0014	-2.5 to 2.5	Pass
				40	3.8	2.000	0.0011	-2.5 to 2.5	Pass
				50	3.8	0.300	0.0002	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.4	1.600	0.0009	-2.5 to 2.5	Pass
					3.8	-5.600	-0.0033	-2.5 to 2.5	Pass
					4.2	1.000	0.0006	-2.5 to 2.5	Pass
				-30	3.8	-7.800	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	-4.200	-0.0025	-2.5 to 2.5	Pass
				-10	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				0	3.8	0.600	0.0004	-2.5 to 2.5	Pass
				10	3.8	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.8	1.800	0.0011	-2.5 to 2.5	Pass
				40	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				50	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	0.800	0.0005	-2.5 to 2.5	Pass
					3.8	3.100	0.0018	-2.5 to 2.5	Pass

					4.2	-1.200	-0.0007	-2.5 to 2.5	Pass
				-30	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				-20	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				-10	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				0	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				10	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-3.600	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-4.700	-0.0027	-2.5 to 2.5	Pass
				50	3.8	2.600	0.0015	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	-1.900	-0.0011	-2.5 to 2.5	Pass
					3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
					4.2	-0.800	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.8	-4.800	-0.0027	-2.5 to 2.5	Pass
				-10	3.8	-4.000	-0.0022	-2.5 to 2.5	Pass
				0	3.8	1.500	0.0008	-2.5 to 2.5	Pass
				10	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
				30	3.8	2.100	0.0012	-2.5 to 2.5	Pass
				40	3.8	-4.700	-0.0026	-2.5 to 2.5	Pass
				50	3.8	0.600	0.0003	-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	3.4	-5.300	-0.0031	-2.5 to 2.5	Pass
					3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
					4.2	-0.900	-0.0005	-2.5 to 2.5	Pass
				-30	3.8	-5.600	-0.0033	-2.5 to 2.5	Pass
				-20	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
				0	3.8	-1.900	-0.0011	-2.5 to 2.5	Pass
				10	3.8	-3.600	-0.0021	-2.5 to 2.5	Pass
				30	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				40	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
				50	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	-2.000	-0.0011	-2.5 to 2.5	Pass
					3.8	-5.200	-0.0030	-2.5 to 2.5	Pass
					4.2	-3.100	-0.0018	-2.5 to 2.5	Pass
				-30	3.8	4.600	0.0026	-2.5 to 2.5	Pass
				-20	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-3.100	-0.0018	-2.5 to 2.5	Pass
				0	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	3.8	3.500	0.0020	-2.5 to 2.5	Pass
				30	3.8	4.200	0.0024	-2.5 to 2.5	Pass
				40	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
				50	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
					4.2	6.100	0.0034	-2.5 to 2.5	Pass
				-30	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.8	2.700	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-1.300	-0.0007	-2.5 to 2.5	Pass
				10	3.8	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.8	2.400	0.0013	-2.5 to 2.5	Pass
				40	3.8	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.4	1.300	0.0008	-2.5 to 2.5	Pass
					3.8	-4.000	-0.0023	-2.5 to 2.5	Pass
					4.2	-2.700	-0.0016	-2.5 to 2.5	Pass
				-30	3.8	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.8	0.600	0.0004	-2.5 to 2.5	Pass
				-10	3.8	-4.300	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.8	-0.600	-0.0004	-2.5 to 2.5	Pass
				30	3.8	1.400	0.0008	-2.5 to 2.5	Pass
				40	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	-2.800	-0.0016	-2.5 to 2.5	Pass
					3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
					4.2	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	3.300	0.0019	-2.5 to 2.5	Pass

				-10	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				0	3.8	1.900	0.0011	-2.5 to 2.5	Pass
				10	3.8	2.900	0.0017	-2.5 to 2.5	Pass
				30	3.8	4.300	0.0025	-2.5 to 2.5	Pass
				40	3.8	5.500	0.0032	-2.5 to 2.5	Pass
				50	3.8	7.400	0.0042	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.4	1.100	0.0006	-2.5 to 2.5	Pass
					3.8	2.200	0.0012	-2.5 to 2.5	Pass
					4.2	0.900	0.0005	-2.5 to 2.5	Pass
				-30	3.8	-2.500	-0.0014	-2.5 to 2.5	Pass
				-20	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	2.600	0.0015	-2.5 to 2.5	Pass
				0	3.8	-3.500	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				30	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				50	3.8	0.900	0.0005	-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	3.4	6.300	0.0037	-2.5 to 2.5	Pass
					3.8	-3.200	-0.0019	-2.5 to 2.5	Pass
					4.2	-3.600	-0.0021	-2.5 to 2.5	Pass
				-30	3.8	-4.400	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	-6.100	-0.0036	-2.5 to 2.5	Pass
				-10	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-4.000	-0.0023	-2.5 to 2.5	Pass
				30	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
				50	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
	1745	25	0	20	3.4	-0.900	-0.0005	-2.5 to 2.5	Pass
					3.8	-1.300	-0.0007	-2.5 to 2.5	Pass
					4.2	2.000	0.0011	-2.5 to 2.5	Pass
				-30	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				-20	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				-10	3.8	1.800	0.0010	-2.5 to 2.5	Pass
				0	3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
				10	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				30	3.8	2.200	0.0013	-2.5 to 2.5	Pass
				40	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				50	3.8	-4.200	-0.0024	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.8	0.900	0.0005	-2.5 to 2.5	Pass
					4.2	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	0.600	0.0003	-2.5 to 2.5	Pass
				-20	3.8	1.300	0.0007	-2.5 to 2.5	Pass
				-10	3.8	1.800	0.0010	-2.5 to 2.5	Pass
				0	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
				40	3.8	0.200	0.0001	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.4	0.100	0.0001	-2.5 to 2.5	Pass
					3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.2	-4.400	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	-1.500	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-2.500	-0.0015	-2.5 to 2.5	Pass
				0	3.8	1.700	0.0010	-2.5 to 2.5	Pass
				10	3.8	-4.100	-0.0024	-2.5 to 2.5	Pass
				30	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.8	-2.000	-0.0012	-2.5 to 2.5	Pass
				50	3.8	2.300	0.0013	-2.5 to 2.5	Pass
	1745	25	0	20	3.4	-0.700	-0.0004	-2.5 to 2.5	Pass
					3.8	-6.300	-0.0036	-2.5 to 2.5	Pass
					4.2	1.900	0.0011	-2.5 to 2.5	Pass
				-30	3.8	2.300	0.0013	-2.5 to 2.5	Pass
				-20	3.8	0.900	0.0005	-2.5 to 2.5	Pass
				-10	3.8	-4.300	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass

				10	3.8	1.700	0.0010	-2.5 to 2.5	Pass
				30	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
				50	3.8	-1.500	-0.0009	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.4	-2.200	-0.0012	-2.5 to 2.5	Pass
					3.8	-3.600	-0.0020	-2.5 to 2.5	Pass
					4.2	1.300	0.0007	-2.5 to 2.5	Pass
				-30	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				0	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				10	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				30	3.8	0.900	0.0005	-2.5 to 2.5	Pass
				40	3.8	-3.200	-0.0018	-2.5 to 2.5	Pass
				50	3.8	0.300	0.0002	-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	3.4	-1.600	-0.0009	-2.5 to 2.5	Pass
					3.8	-3.200	-0.0019	-2.5 to 2.5	Pass
					4.2	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-4.200	-0.0024	-2.5 to 2.5	Pass
				-20	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.8	-3.500	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
				30	3.8	1.200	0.0007	-2.5 to 2.5	Pass
				40	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				50	3.8	3.500	0.0020	-2.5 to 2.5	Pass
	1745	50	0	20	3.4	1.700	0.0010	-2.5 to 2.5	Pass
					3.8	-3.800	-0.0022	-2.5 to 2.5	Pass
					4.2	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	3.8	1.600	0.0009	-2.5 to 2.5	Pass
				-20	3.8	1.500	0.0009	-2.5 to 2.5	Pass
				-10	3.8	-3.900	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				10	3.8	-4.000	-0.0023	-2.5 to 2.5	Pass
				30	3.8	5.600	0.0032	-2.5 to 2.5	Pass
				40	3.8	-6.700	-0.0038	-2.5 to 2.5	Pass
				50	3.8	-4.600	-0.0026	-2.5 to 2.5	Pass
	1775	50	0	20	3.4	-5.200	-0.0029	-2.5 to 2.5	Pass
					3.8	2.100	0.0012	-2.5 to 2.5	Pass
					4.2	3.100	0.0017	-2.5 to 2.5	Pass
				-30	3.8	1.400	0.0008	-2.5 to 2.5	Pass
				-20	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				0	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
				10	3.8	2.200	0.0012	-2.5 to 2.5	Pass
				30	3.8	5.100	0.0029	-2.5 to 2.5	Pass
				40	3.8	5.100	0.0029	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.4	5.700	0.0033	-2.5 to 2.5	Pass
					3.8	2.600	0.0015	-2.5 to 2.5	Pass
					4.2	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.8	1.300	0.0008	-2.5 to 2.5	Pass
				-20	3.8	-0.600	-0.0003	-2.5 to 2.5	Pass
				-10	3.8	0.600	0.0003	-2.5 to 2.5	Pass
				0	3.8	2.100	0.0012	-2.5 to 2.5	Pass
				10	3.8	1.800	0.0010	-2.5 to 2.5	Pass
				30	3.8	2.100	0.0012	-2.5 to 2.5	Pass
				40	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				50	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
	1745	27	0	20	3.4	1.500	0.0009	-2.5 to 2.5	Pass
					3.8	0.800	0.0005	-2.5 to 2.5	Pass
					4.2	-2.800	-0.0016	-2.5 to 2.5	Pass
				-30	3.8	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-3.900	-0.0022	-2.5 to 2.5	Pass
				-10	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.8	1.900	0.0011	-2.5 to 2.5	Pass

				10	3.8	5.300	0.0030	-2.5 to 2.5	Pass
				30	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.8	-5.000	-0.0029	-2.5 to 2.5	Pass
				50	3.8	0.900	0.0005	-2.5 to 2.5	Pass
	1775	27	23	20	3.4	5.100	0.0029	-2.5 to 2.5	Pass
					3.8	2.500	0.0014	-2.5 to 2.5	Pass
					4.2	2.200	0.0012	-2.5 to 2.5	Pass
				-30	3.8	1.300	0.0007	-2.5 to 2.5	Pass
				-20	3.8	2.500	0.0014	-2.5 to 2.5	Pass
				-10	3.8	0.800	0.0005	-2.5 to 2.5	Pass
				0	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				10	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				30	3.8	4.400	0.0025	-2.5 to 2.5	Pass
				40	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				50	3.8	4.200	0.0024	-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	3.4	-3.434	-0.0020	-2.5 to 2.5	Pass
					3.8	-1.998	-0.0012	-2.5 to 2.5	Pass
					4.2	-2.382	-0.0014	-2.5 to 2.5	Pass
				-30	3.8	-1.225	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-0.179	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	-1.818	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-1.139	-0.0007	-2.5 to 2.5	Pass
				10	3.8	0.603	0.0004	-2.5 to 2.5	Pass
				30	3.8	0.629	0.0004	-2.5 to 2.5	Pass
				40	3.8	-0.991	-0.0006	-2.5 to 2.5	Pass
				50	3.8	0.050	0.0000	-2.5 to 2.5	Pass
	1745	75	0	20	3.4	1.200	0.0007	-2.5 to 2.5	Pass
					3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
					4.2	-1.600	-0.0009	-2.5 to 2.5	Pass
				-30	3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	-1.800	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-4.500	-0.0026	-2.5 to 2.5	Pass
				10	3.8	-4.400	-0.0025	-2.5 to 2.5	Pass
				30	3.8	-4.800	-0.0028	-2.5 to 2.5	Pass
				40	3.8	-5.000	-0.0029	-2.5 to 2.5	Pass
				50	3.8	-1.900	-0.0011	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.4	2.200	0.0012	-2.5 to 2.5	Pass
					3.8	1.400	0.0008	-2.5 to 2.5	Pass
					4.2	-1.600	-0.0009	-2.5 to 2.5	Pass
				-30	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-0.600	-0.0003	-2.5 to 2.5	Pass
				0	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				30	3.8	-3.200	-0.0018	-2.5 to 2.5	Pass
				40	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				50	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.4	-5.300	-0.0031	-2.5 to 2.5	Pass
					3.8	-5.800	-0.0034	-2.5 to 2.5	Pass
					4.2	-5.500	-0.0032	-2.5 to 2.5	Pass
				-30	3.8	-5.900	-0.0034	-2.5 to 2.5	Pass
				-20	3.8	-6.100	-0.0036	-2.5 to 2.5	Pass
				-10	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.8	-4.200	-0.0024	-2.5 to 2.5	Pass
				10	3.8	1.900	0.0011	-2.5 to 2.5	Pass
				30	3.8	1.100	0.0006	-2.5 to 2.5	Pass
				40	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
				50	3.8	1.900	0.0011	-2.5 to 2.5	Pass
	1745	27	0	20	3.4	-1.300	-0.0007	-2.5 to 2.5	Pass
					3.8	0.100	0.0001	-2.5 to 2.5	Pass
					4.2	-4.700	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	2.700	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				0	3.8	-4.200	-0.0024	-2.5 to 2.5	Pass

				10	3.8	-3.800	-0.0022	-2.5 to 2.5	Pass
				30	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				40	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				50	3.8	-4.100	-0.0023	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.4	-3.400	-0.0019	-2.5 to 2.5	Pass
					3.8	4.600	0.0026	-2.5 to 2.5	Pass
					4.2	4.600	0.0026	-2.5 to 2.5	Pass
				-30	3.8	1.600	0.0009	-2.5 to 2.5	Pass
				-20	3.8	3.300	0.0019	-2.5 to 2.5	Pass
				-10	3.8	-1.500	-0.0008	-2.5 to 2.5	Pass
				0	3.8	-1.800	-0.0010	-2.5 to 2.5	Pass
				10	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
				50	3.8	-1.200	-0.0007	-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	3.4	-5.167	-0.0030	-2.5 to 2.5	Pass
					3.8	-3.556	-0.0021	-2.5 to 2.5	Pass
					4.2	-1.975	-0.0011	-2.5 to 2.5	Pass
				-30	3.8	-1.961	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-1.864	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	-1.329	-0.0008	-2.5 to 2.5	Pass
				0	3.8	-0.571	-0.0003	-2.5 to 2.5	Pass
				10	3.8	-2.023	-0.0012	-2.5 to 2.5	Pass
				30	3.8	-0.181	-0.0001	-2.5 to 2.5	Pass
				40	3.8	-0.667	-0.0004	-2.5 to 2.5	Pass
				50	3.8	-0.573	-0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-2.700	-0.0015	-2.5 to 2.5	Pass
					3.8	-4.900	-0.0028	-2.5 to 2.5	Pass
					4.2	-3.700	-0.0021	-2.5 to 2.5	Pass
				-30	3.8	-3.700	-0.0021	-2.5 to 2.5	Pass
				-20	3.8	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
				10	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				30	3.8	2.000	0.0011	-2.5 to 2.5	Pass
				40	3.8	-5.400	-0.0031	-2.5 to 2.5	Pass
				50	3.8	2.100	0.0012	-2.5 to 2.5	Pass
	1770	100	0	20	3.4	5.100	0.0029	-2.5 to 2.5	Pass
					3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.2	-2.200	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-4.300	-0.0024	-2.5 to 2.5	Pass
				-20	3.8	-3.100	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	-3.900	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-3.100	-0.0018	-2.5 to 2.5	Pass
				40	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				50	3.8	2.100	0.0012	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.4	-6.500	-0.0038	-2.5 to 2.5	Pass
					3.8	-1.800	-0.0010	-2.5 to 2.5	Pass
					4.2	-5.500	-0.0032	-2.5 to 2.5	Pass
				-30	3.8	-5.900	-0.0034	-2.5 to 2.5	Pass
				-20	3.8	-1.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				0	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.8	2.000	0.0012	-2.5 to 2.5	Pass
				30	3.8	1.700	0.0010	-2.5 to 2.5	Pass
				40	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
	1745	27	0	20	3.4	-5.600	-0.0032	-2.5 to 2.5	Pass
					3.8	0.800	0.0005	-2.5 to 2.5	Pass
					4.2	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.8	-4.400	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	2.500	0.0014	-2.5 to 2.5	Pass
				-10	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				0	3.8	1.700	0.0010	-2.5 to 2.5	Pass

				10	3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-3.400	-0.0019	-2.5 to 2.5	Pass
				50	3.8	-3.200	-0.0018	-2.5 to 2.5	Pass
	1770	27	73	20	3.4	-5.900	-0.0033	-2.5 to 2.5	Pass
					3.8	3.400	0.0019	-2.5 to 2.5	Pass
					4.2	2.000	0.0011	-2.5 to 2.5	Pass
				-30	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	-1.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-1.500	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				30	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.8	2.400	0.0014	-2.5 to 2.5	Pass
				50	3.8	0.300	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

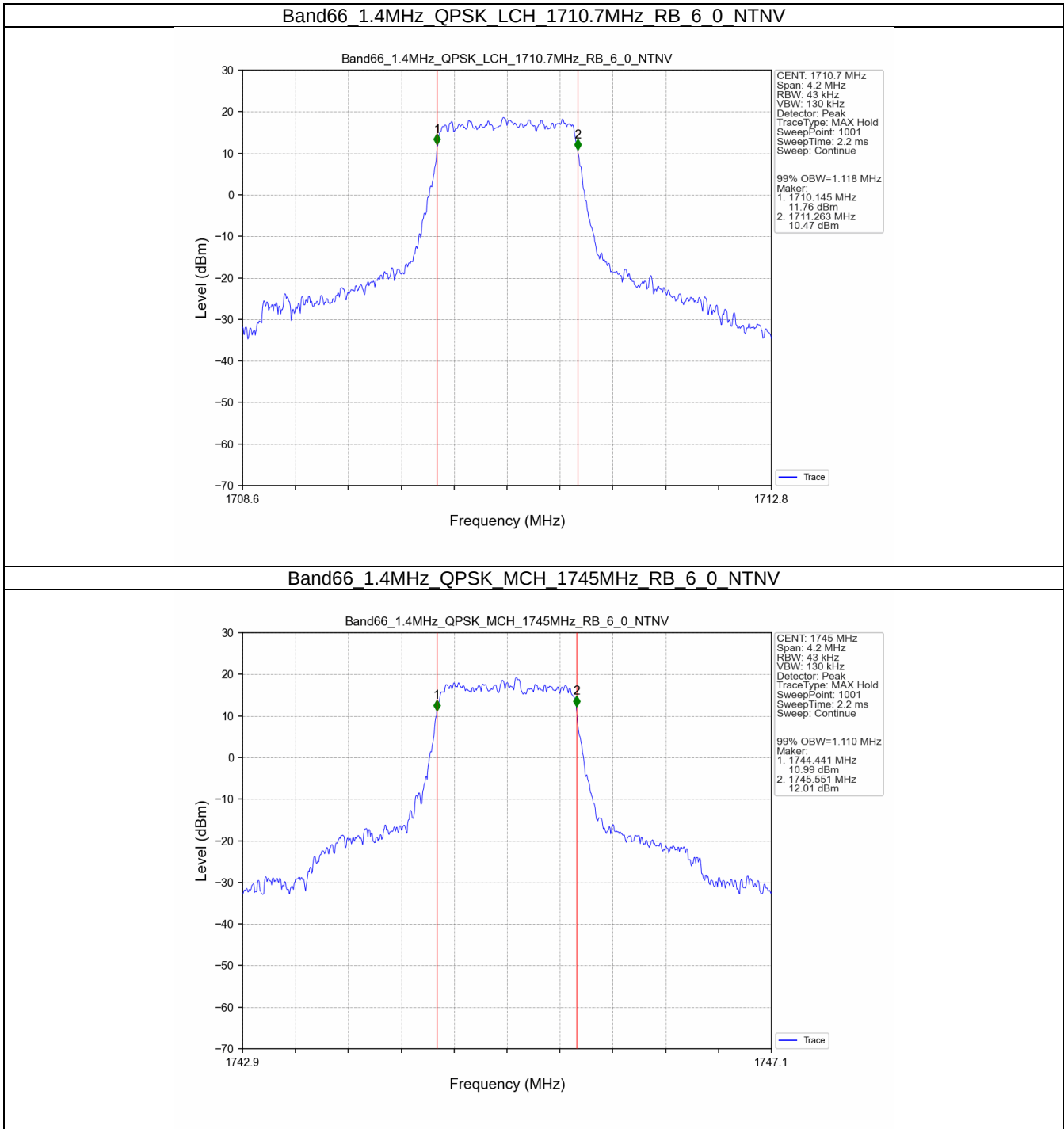
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.118	/	Pass
		1745	6	0	1.110	/	Pass
		1779.3	6	0	1.116	/	Pass
	16QAM	1710.7	6	0	1.115	/	Pass
		1745	6	0	1.121	/	Pass
		1779.3	6	0	1.115	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.721	/	Pass
	16QAM	1711.5	15	0	2.735	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.734	/	Pass
5	QPSK	1712.5	25	0	4.547	/	Pass
		1745	25	0	4.542	/	Pass
		1777.5	25	0	4.552	/	Pass
	16QAM	1712.5	25	0	4.535	/	Pass
		1745	25	0	4.528	/	Pass
		1777.5	25	0	4.535	/	Pass
10	QPSK	1715	50	0	9.088	/	Pass
		1745	50	0	9.079	/	Pass
		1775	50	0	9.116	/	Pass
	16QAM	1715	27	0	5.115	/	Pass
		1745	27	0	5.090	/	Pass
		1775	27	23	5.163	/	Pass
15	QPSK	1717.5	75	0	13.603	/	Pass
		1745	75	0	13.606	/	Pass
		1772.5	75	0	13.656	/	Pass
	16QAM	1717.5	27	0	5.401	/	Pass
		1745	27	0	5.412	/	Pass
		1772.5	27	48	5.386	/	Pass
20	QPSK	1720	100	0	18.135	/	Pass
		1745	100	0	18.069	/	Pass
		1770	100	0	18.097	/	Pass
	16QAM	1720	27	0	5.661	/	Pass
		1745	27	0	5.652	/	Pass
		1770	27	73	5.673	/	Pass

3.1.2 Band66_XDB

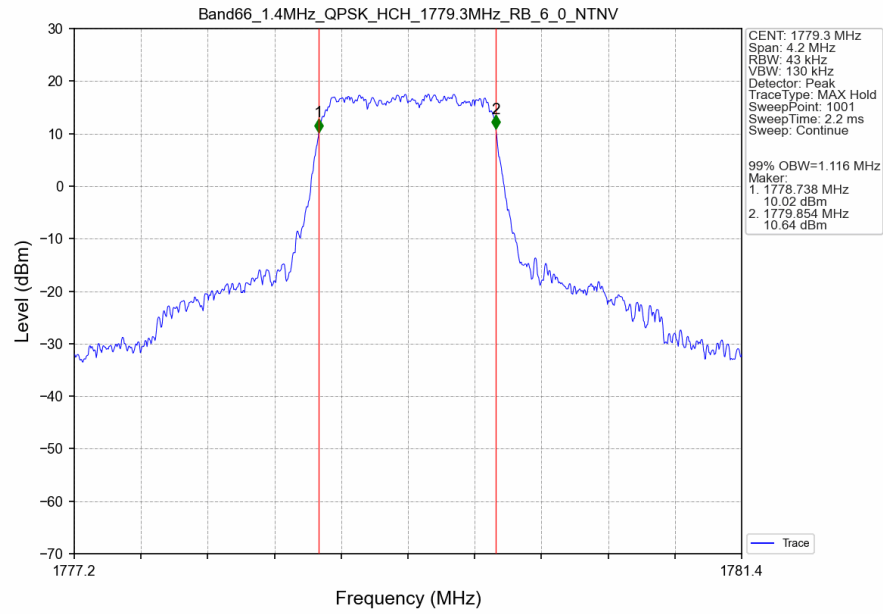
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.341	/	Pass
		1745	6	0	1.318	/	Pass
		1779.3	6	0	1.326	/	Pass
	16QAM	1710.7	6	0	1.317	/	Pass
		1745	6	0	1.324	/	Pass
		1779.3	6	0	1.327	/	Pass
3	QPSK	1711.5	15	0	3.035	/	Pass
		1745	15	0	3.070	/	Pass
		1778.5	15	0	3.046	/	Pass
	16QAM	1711.5	15	0	3.054	/	Pass
		1745	15	0	3.052	/	Pass
		1778.5	15	0	3.048	/	Pass
5	QPSK	1712.5	25	0	5.049	/	Pass
		1745	25	0	5.093	/	Pass
		1777.5	25	0	5.106	/	Pass
	16QAM	1712.5	25	0	5.120	/	Pass
		1745	25	0	5.127	/	Pass
		1777.5	25	0	5.044	/	Pass
10	QPSK	1715	50	0	10.267	/	Pass
		1745	50	0	10.350	/	Pass
		1775	50	0	10.297	/	Pass
	16QAM	1715	27	0	6.361	/	Pass
		1745	27	0	6.414	/	Pass
		1775	27	23	6.351	/	Pass
15	QPSK	1717.5	75	0	15.647	/	Pass
		1745	75	0	15.657	/	Pass
		1772.5	75	0	15.598	/	Pass
	16QAM	1717.5	27	0	7.003	/	Pass
		1745	27	0	7.128	/	Pass
		1772.5	27	48	7.065	/	Pass
20	QPSK	1720	100	0	20.612	/	Pass
		1745	100	0	20.397	/	Pass
		1770	100	0	20.162	/	Pass
	16QAM	1720	27	0	7.572	/	Pass
		1745	27	0	7.617	/	Pass
		1770	27	73	7.754	/	Pass

3.2 Test Graph

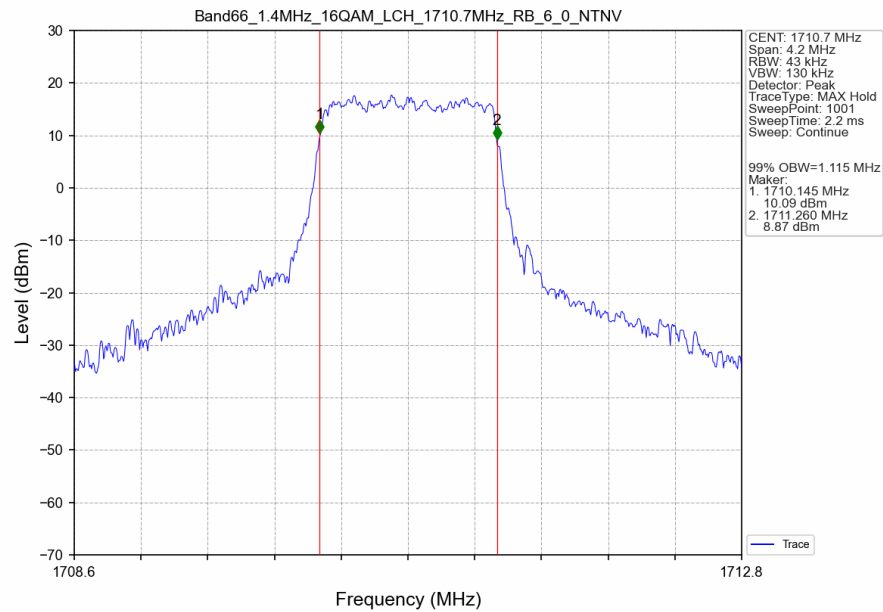
3.2.1 Band66_OBW



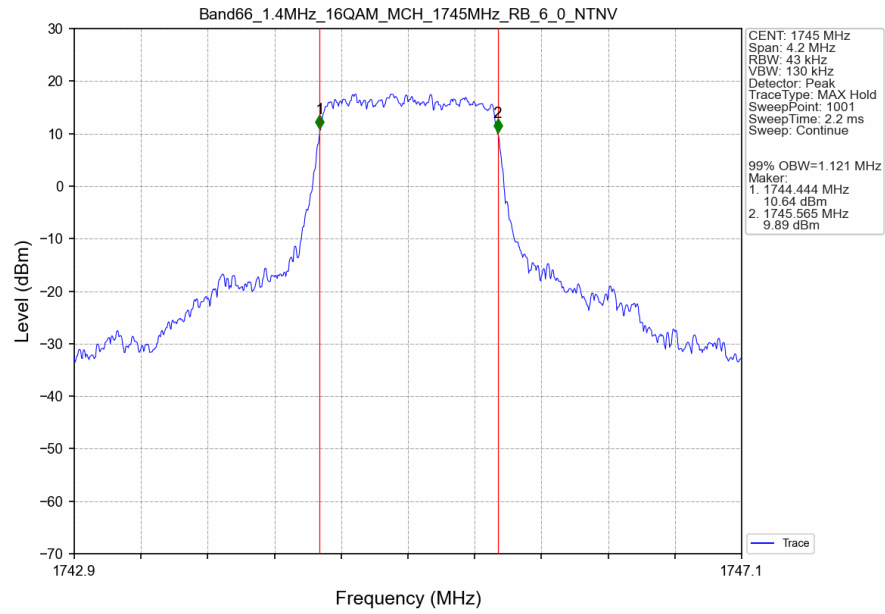
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



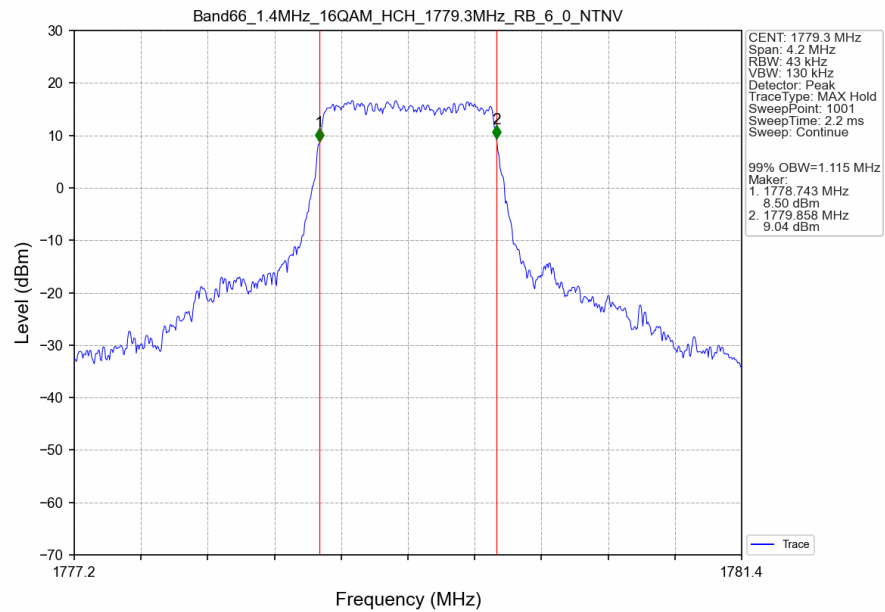
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



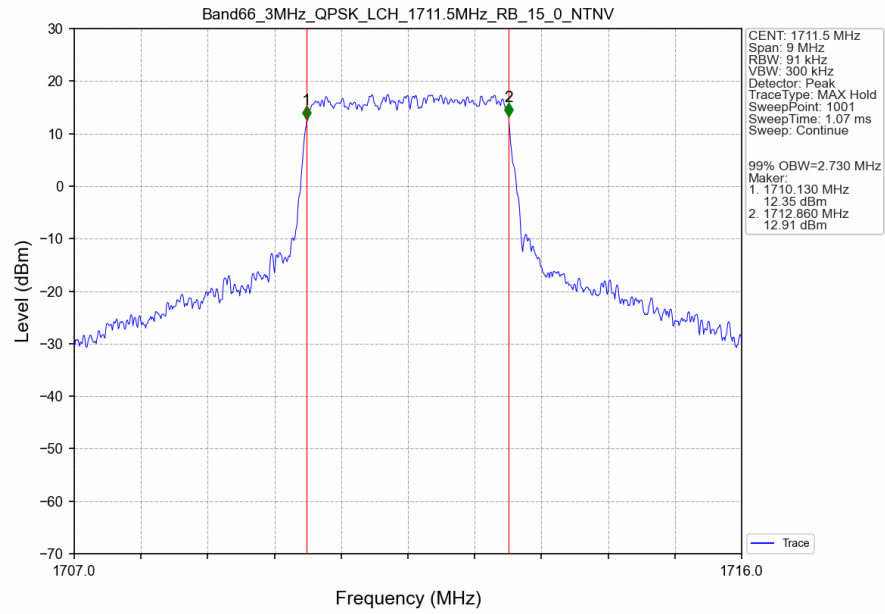
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



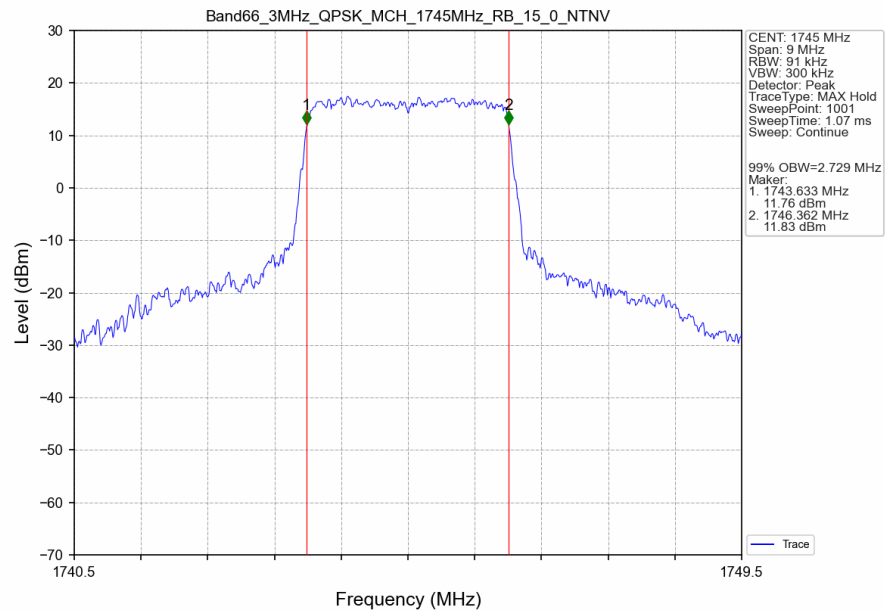
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



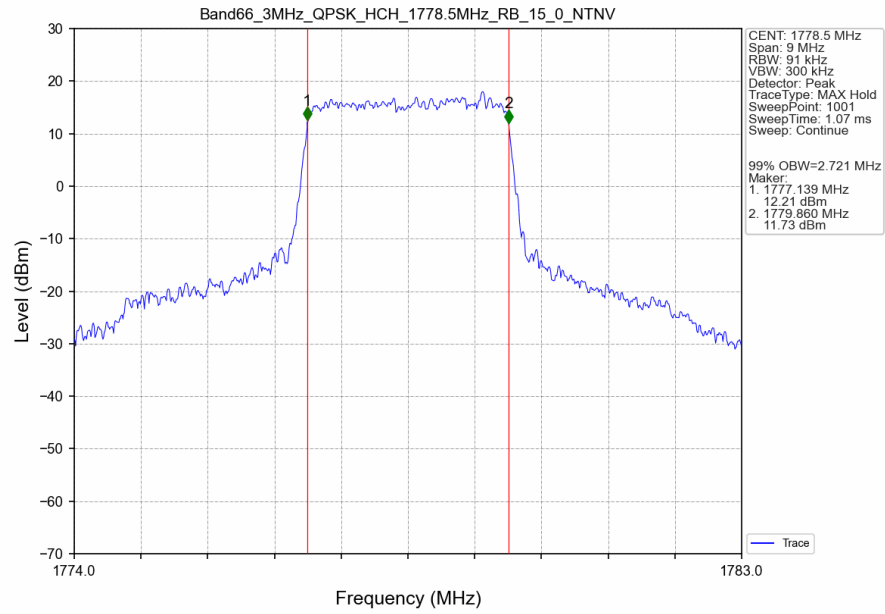
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



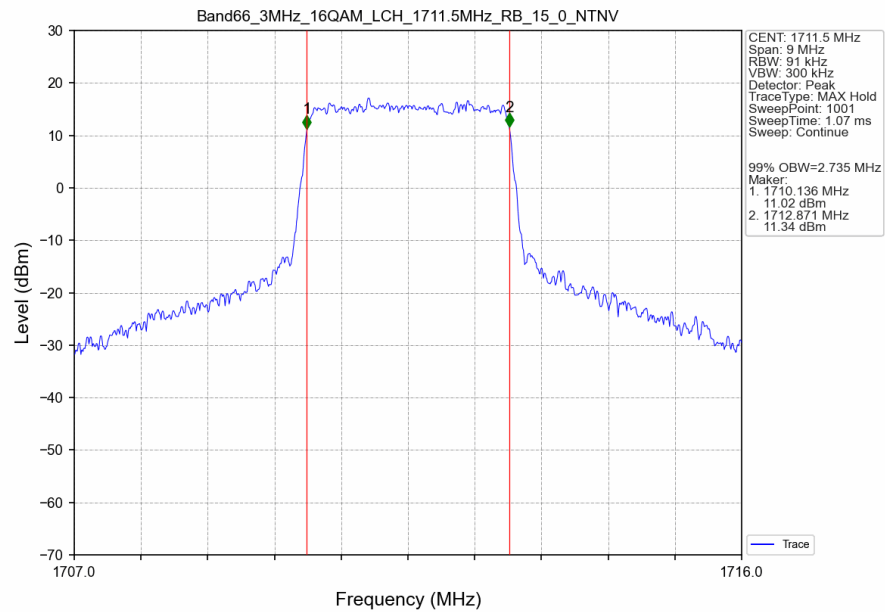
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



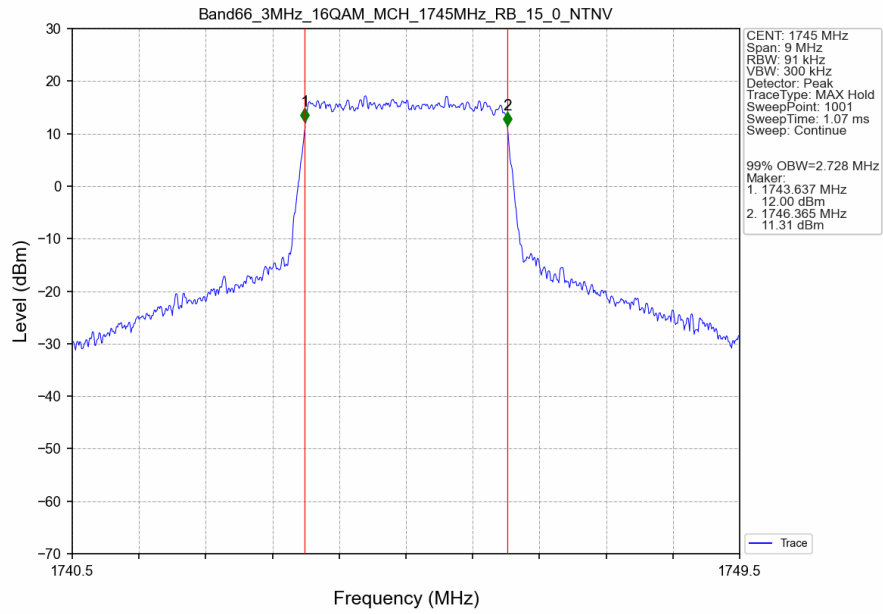
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



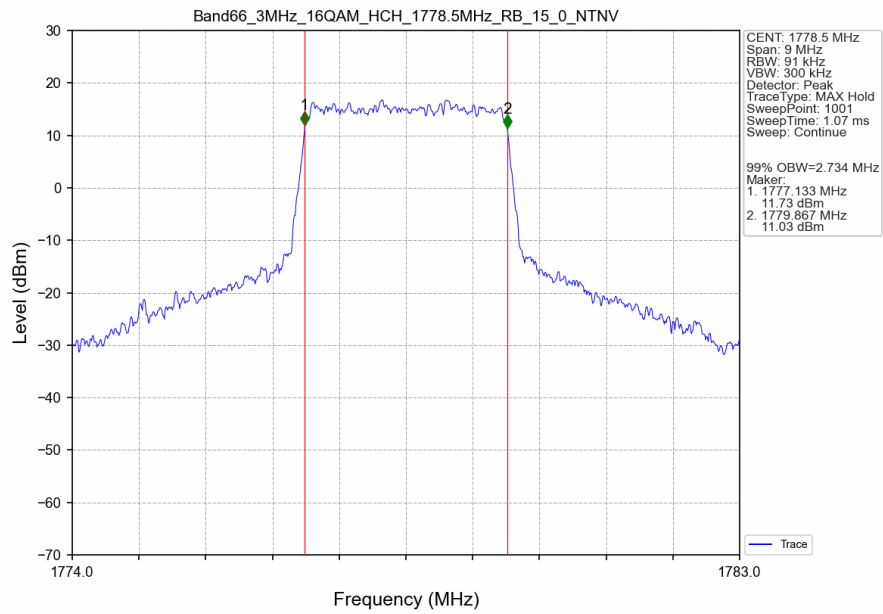
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



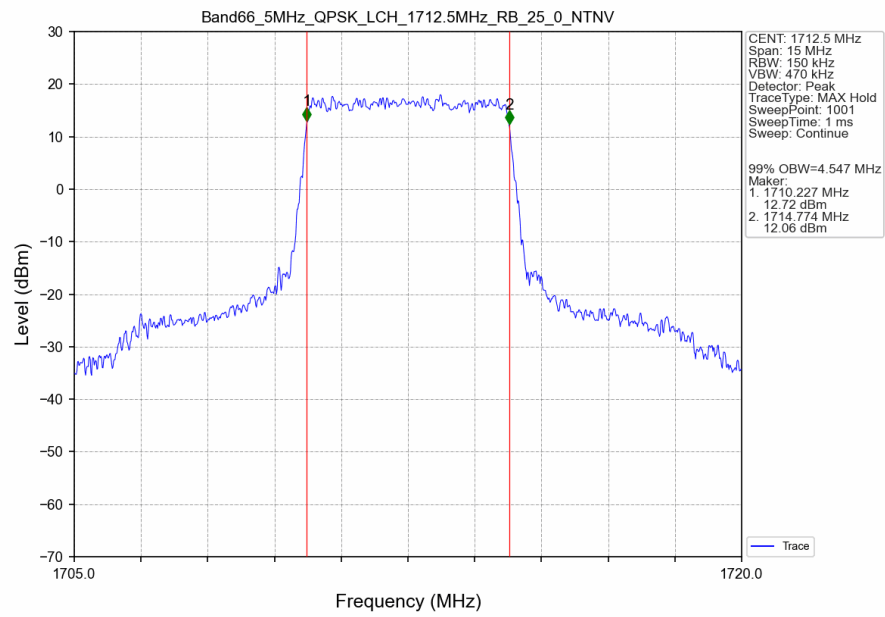
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



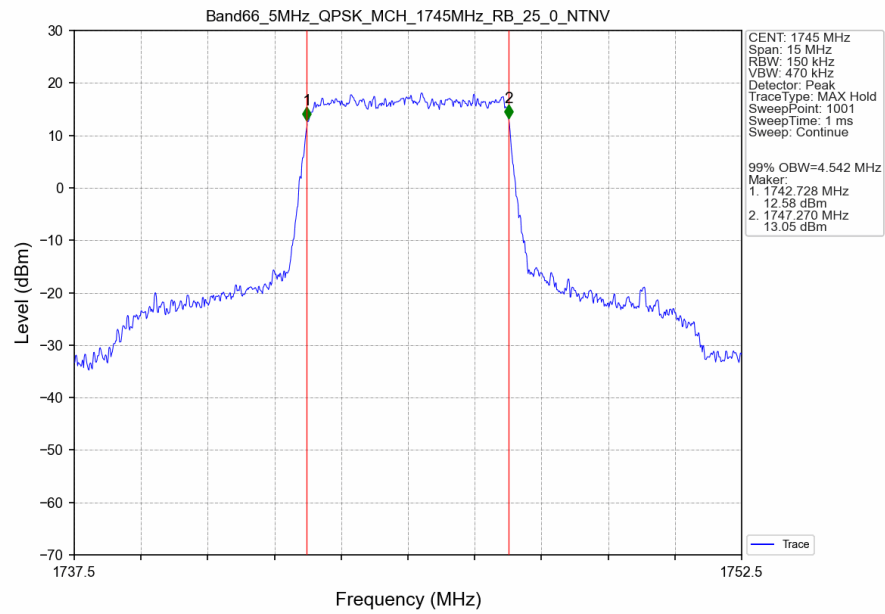
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



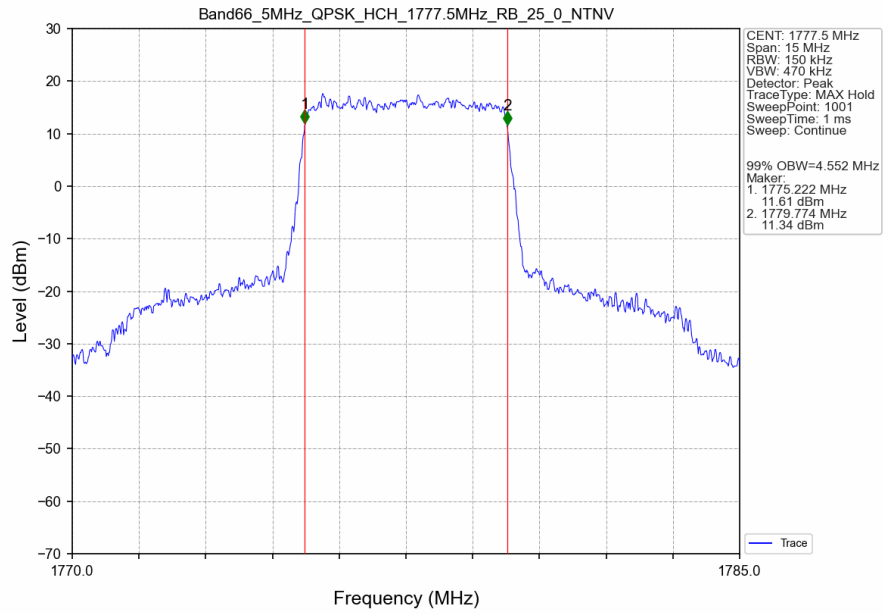
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



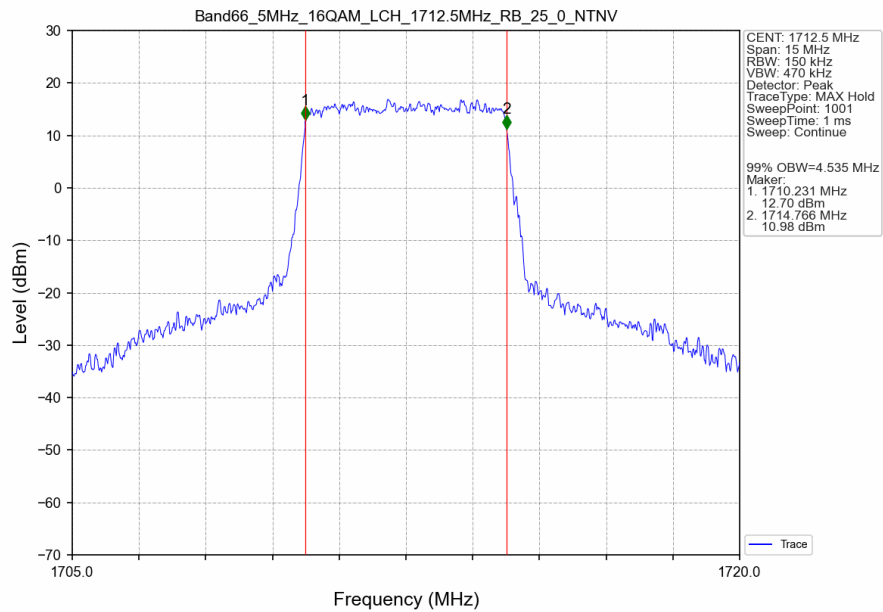
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



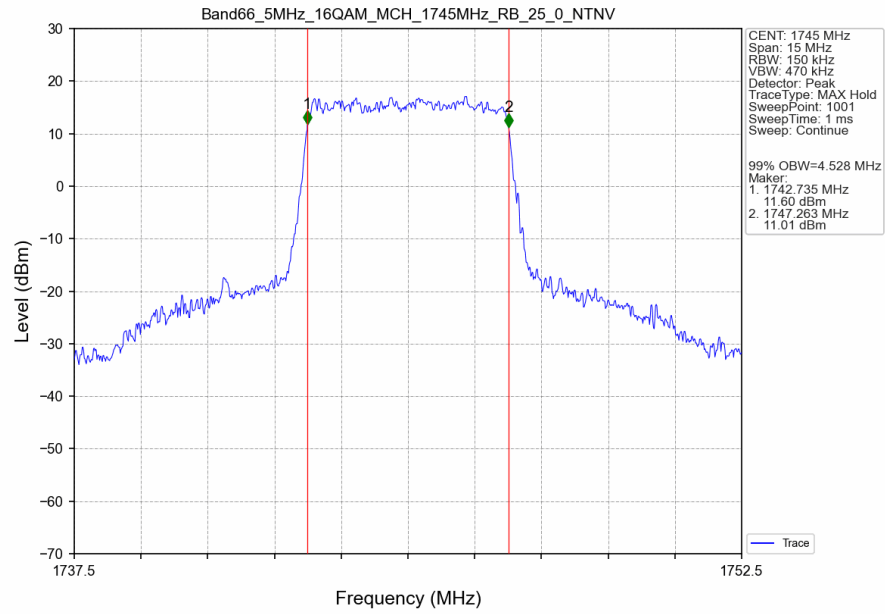
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



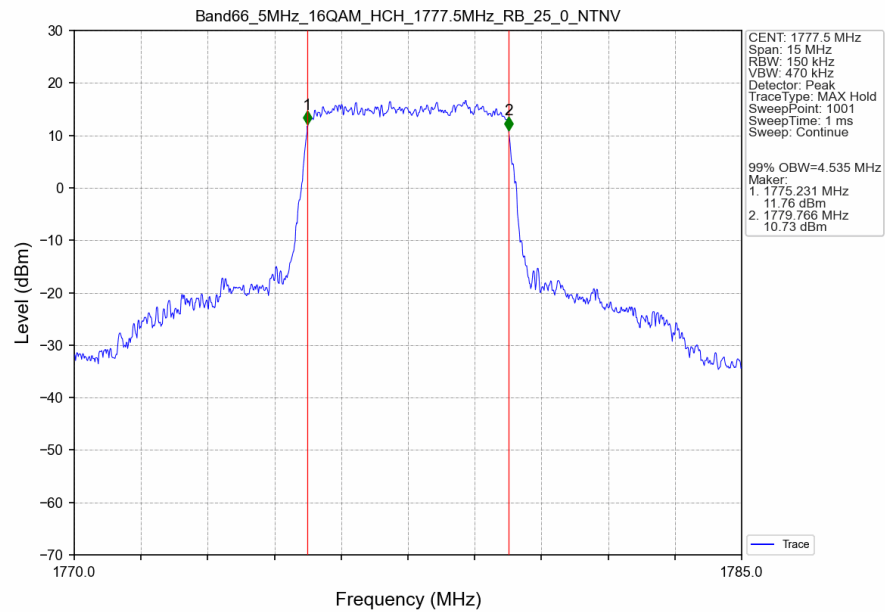
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



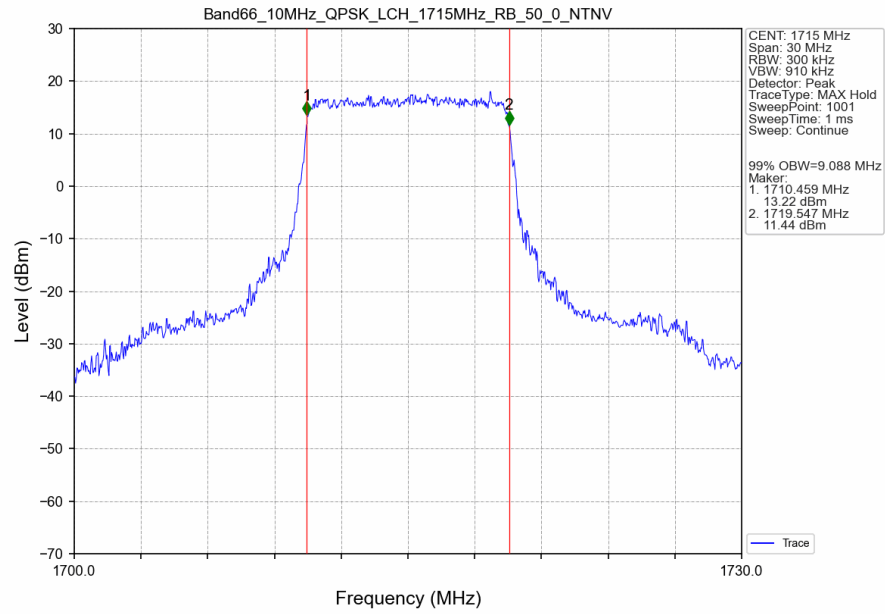
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



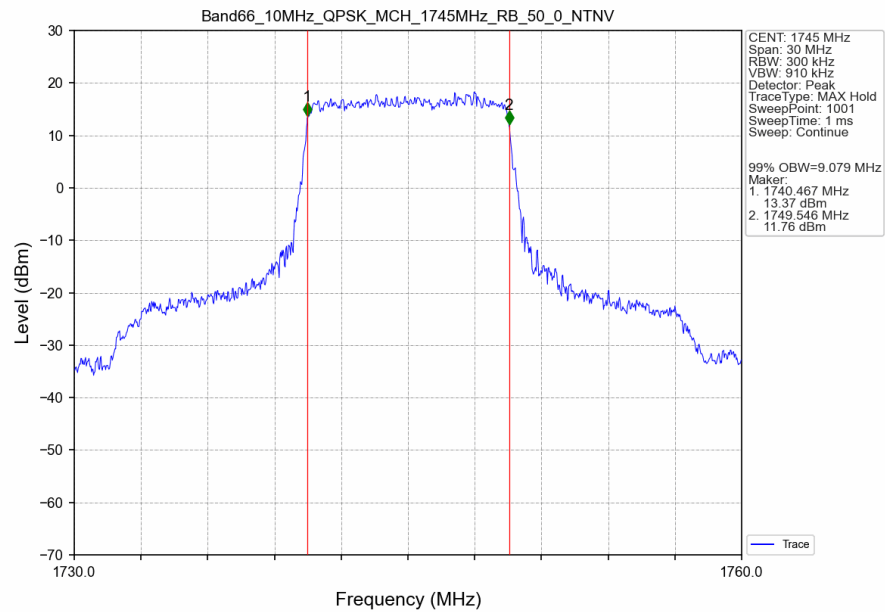
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



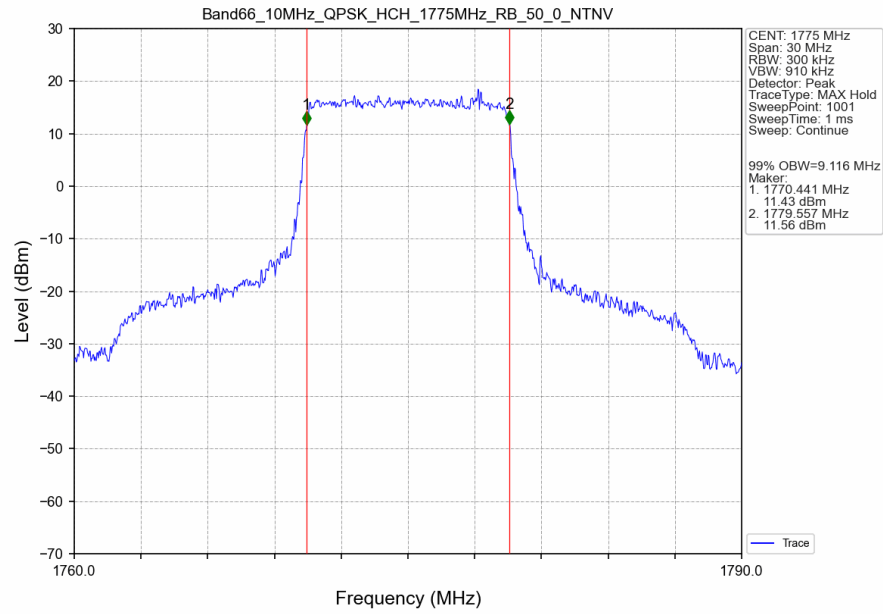
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



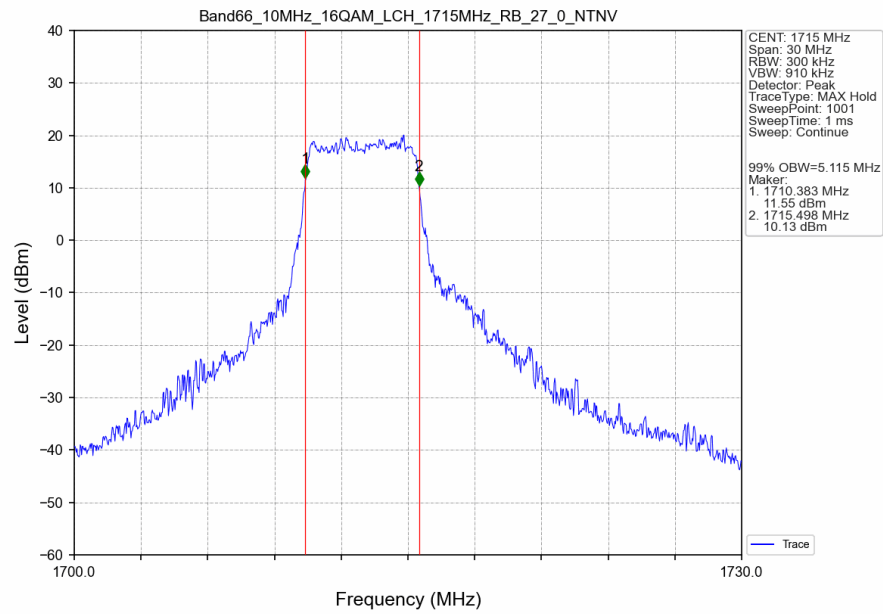
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



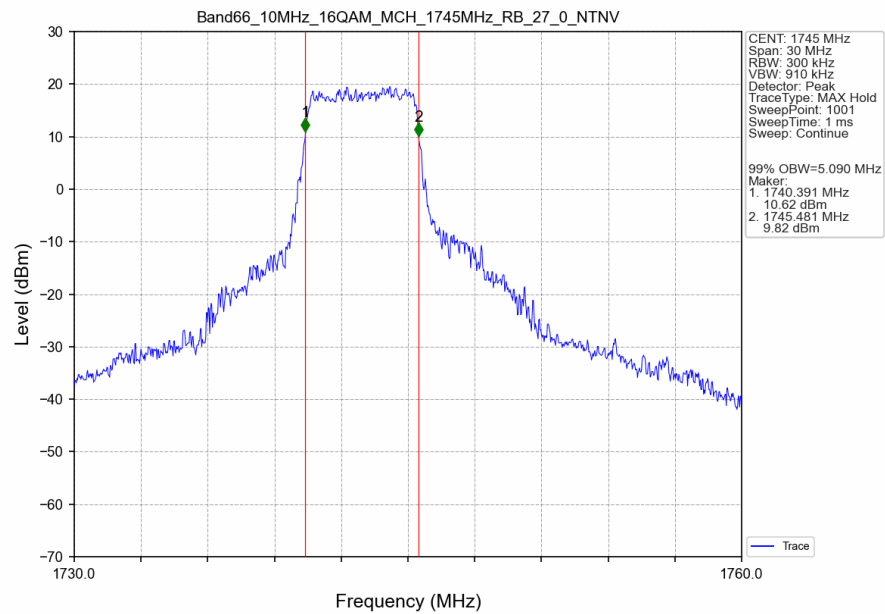
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



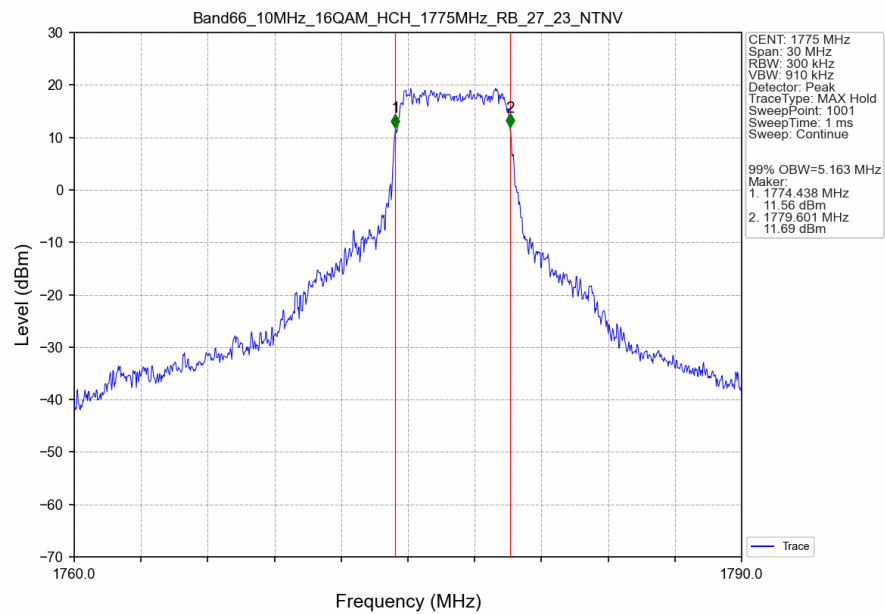
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



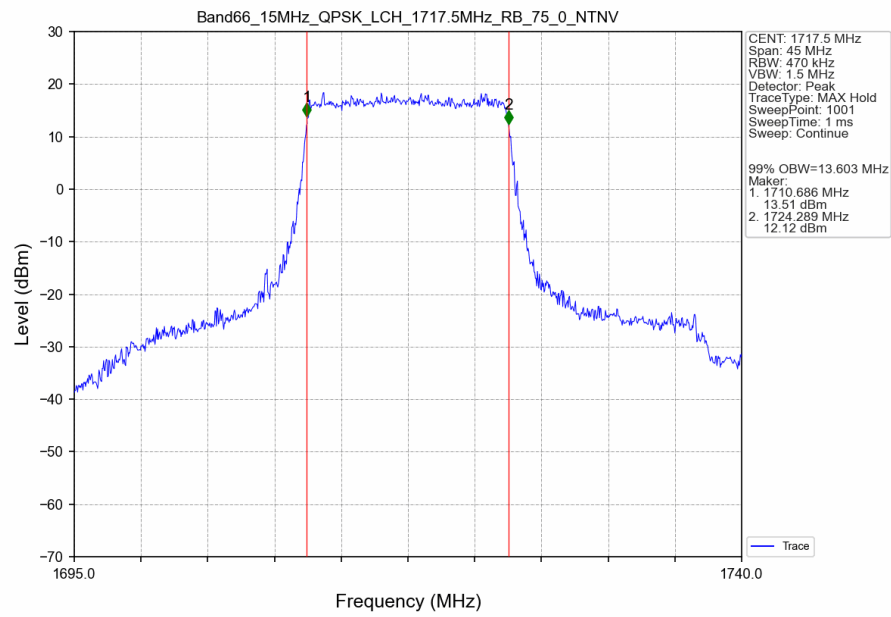
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



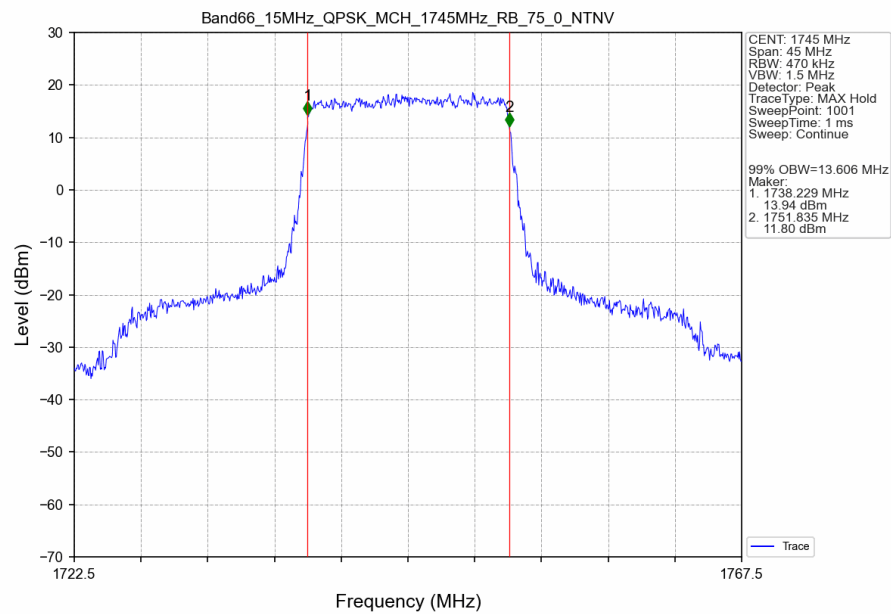
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



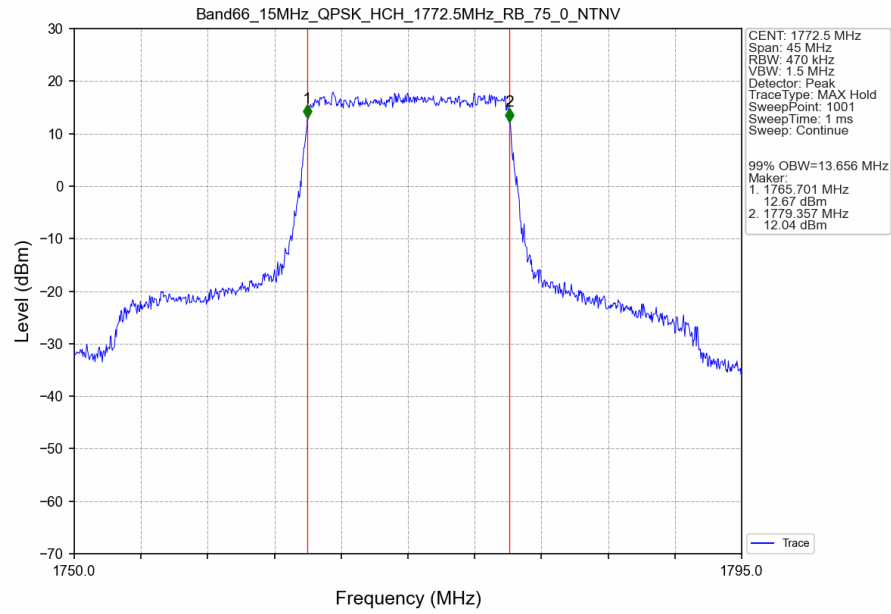
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



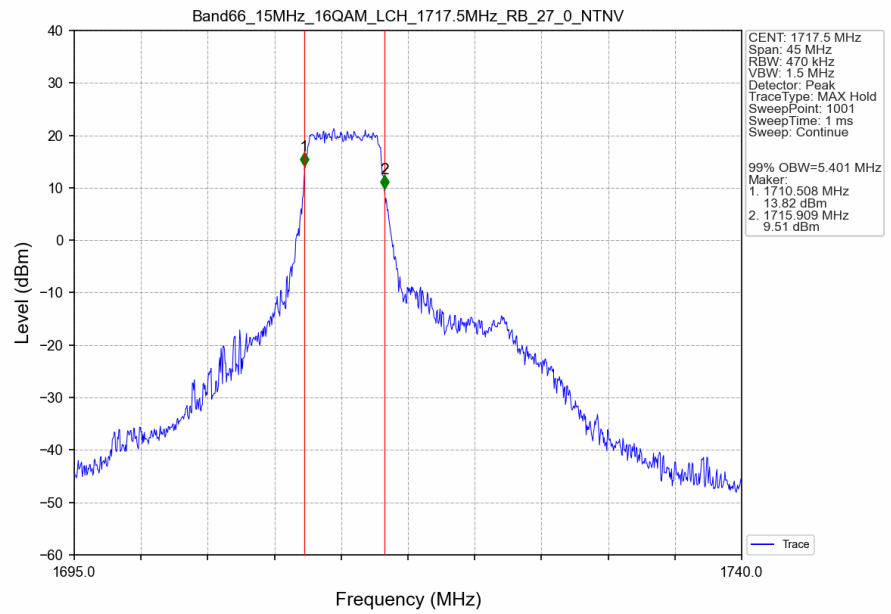
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



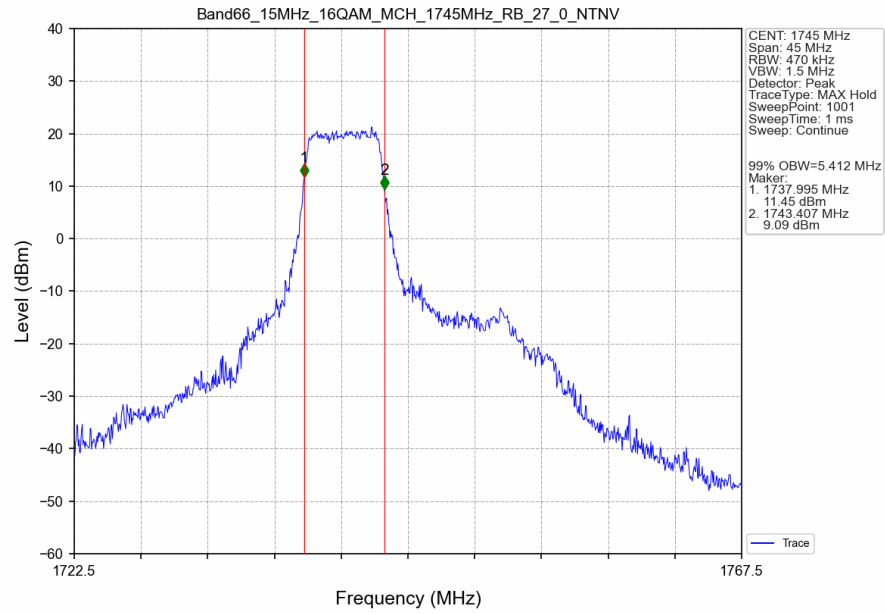
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



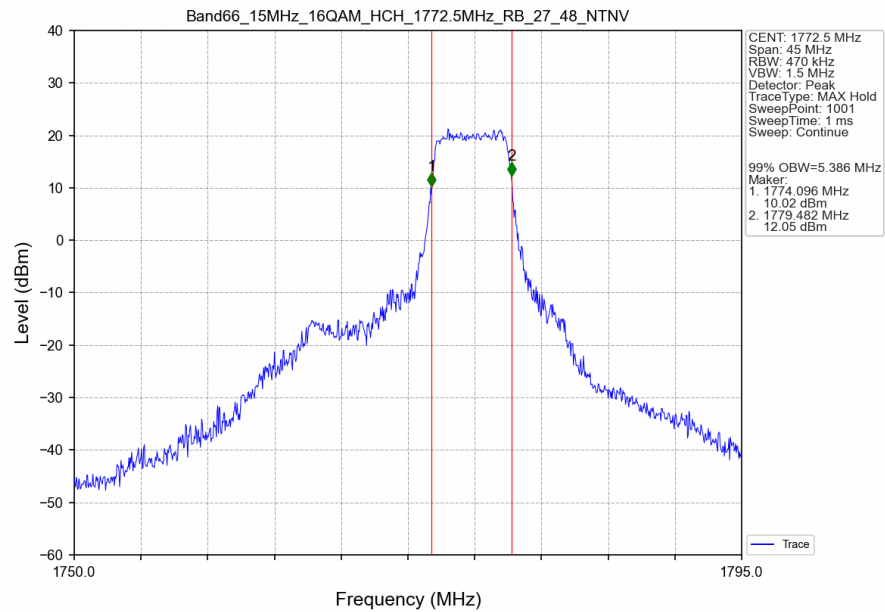
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



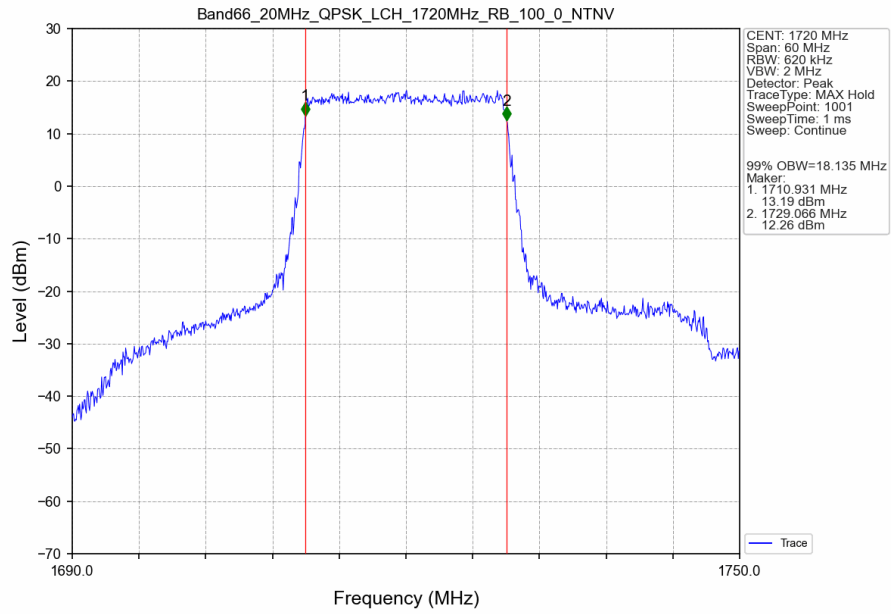
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



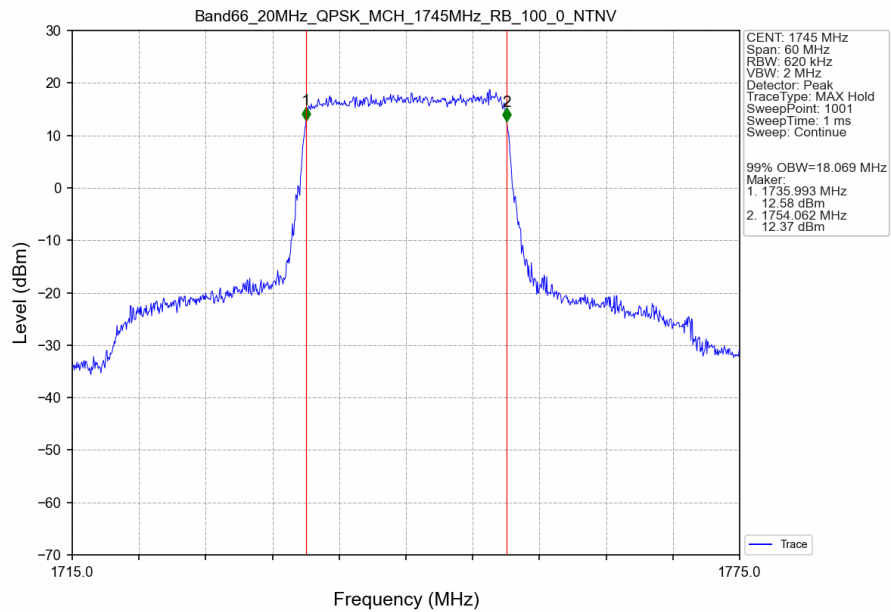
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



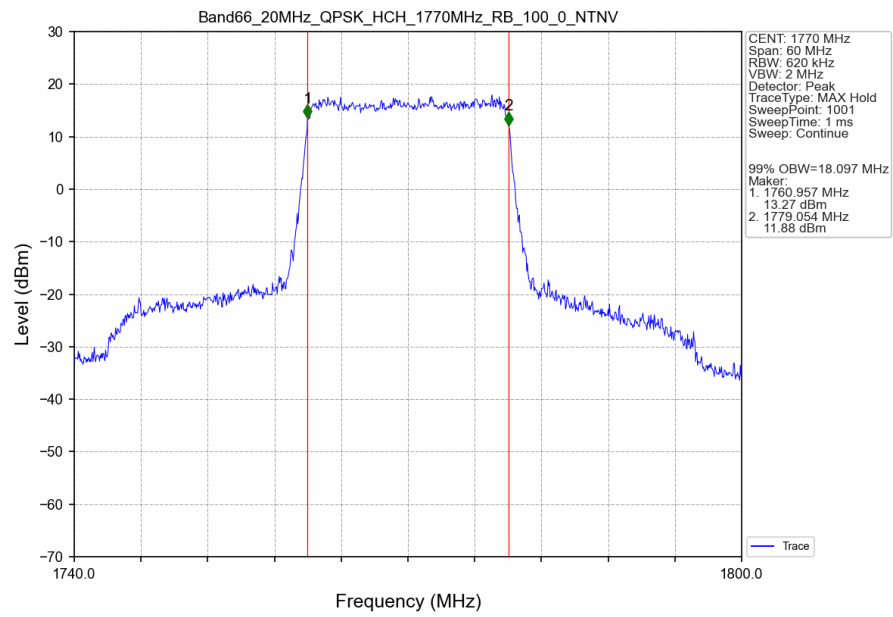
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



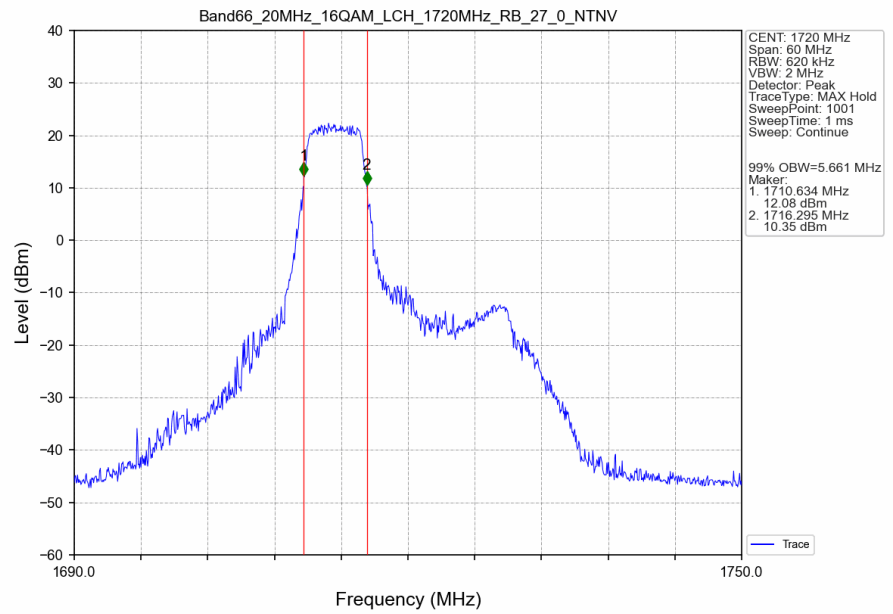
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



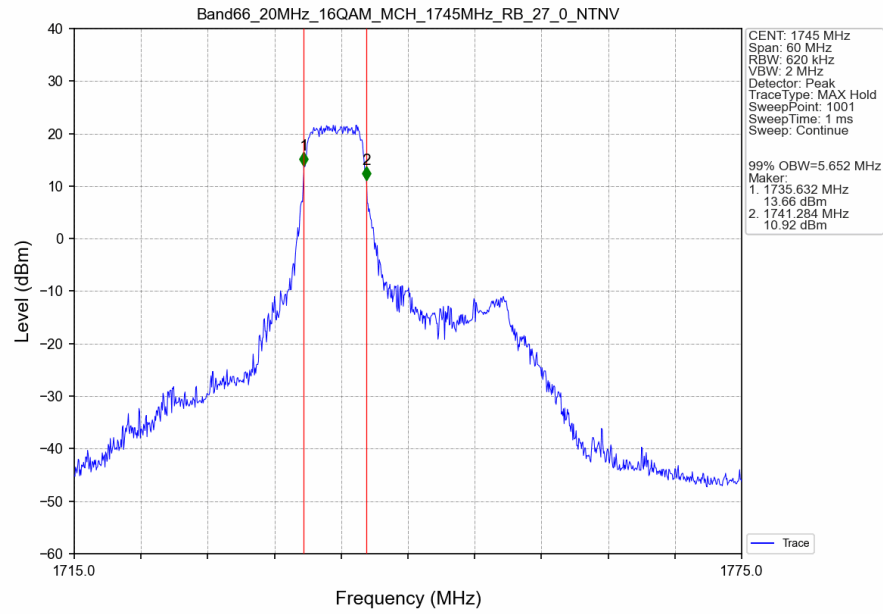
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



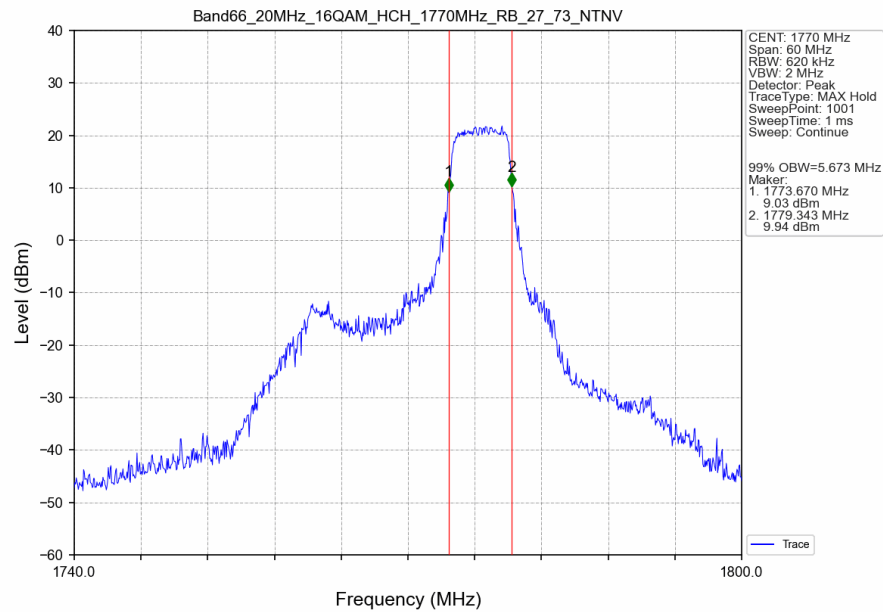
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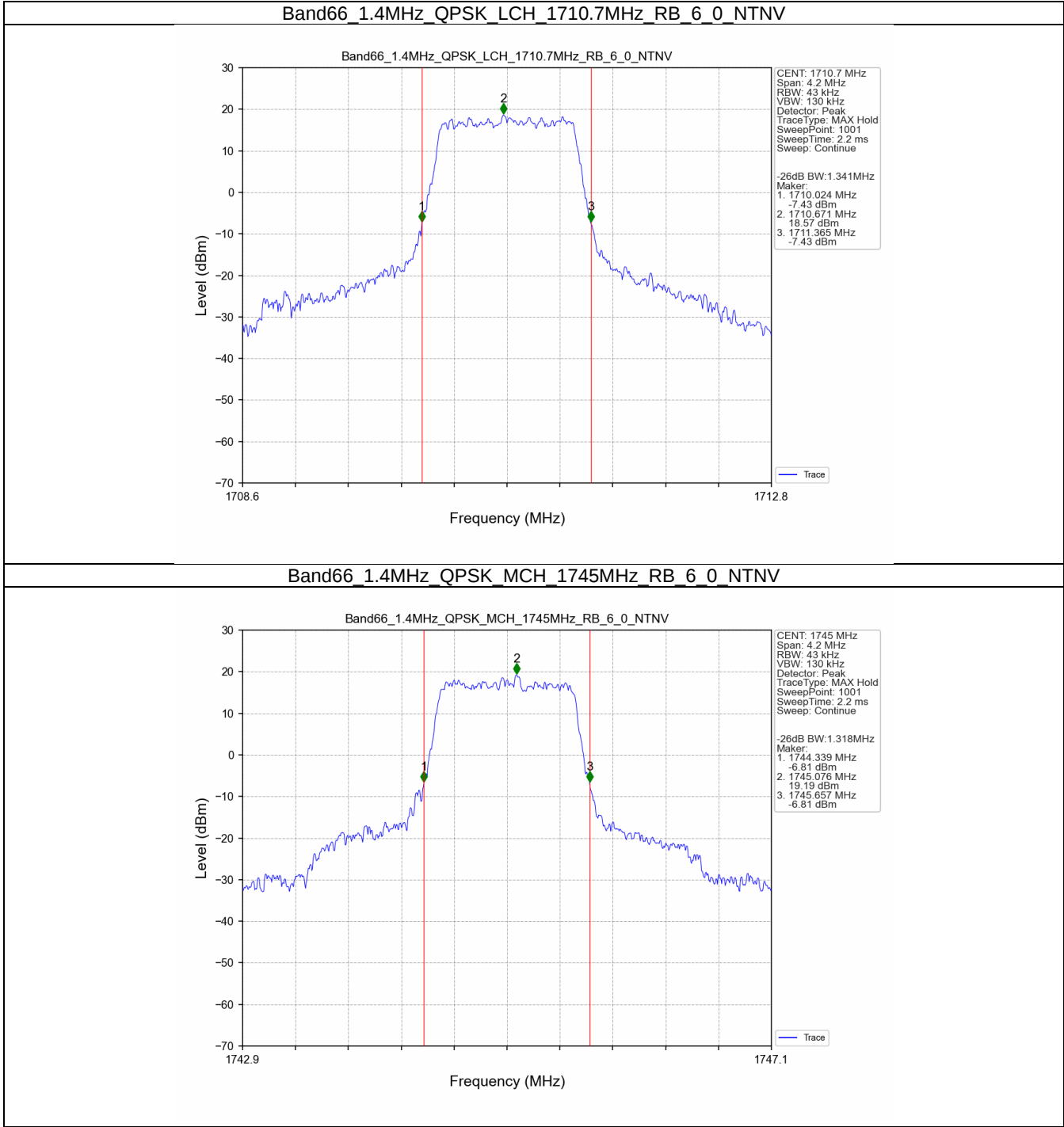
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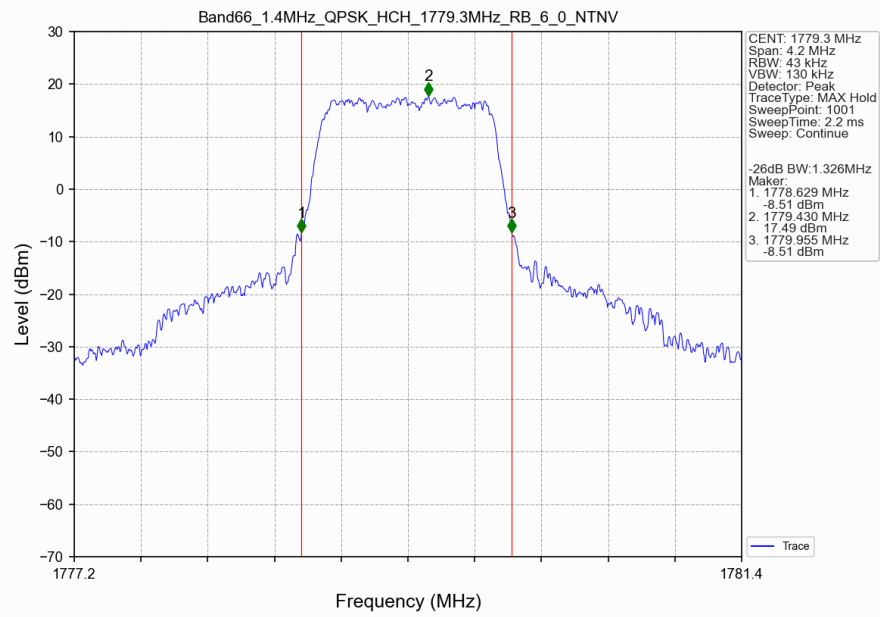
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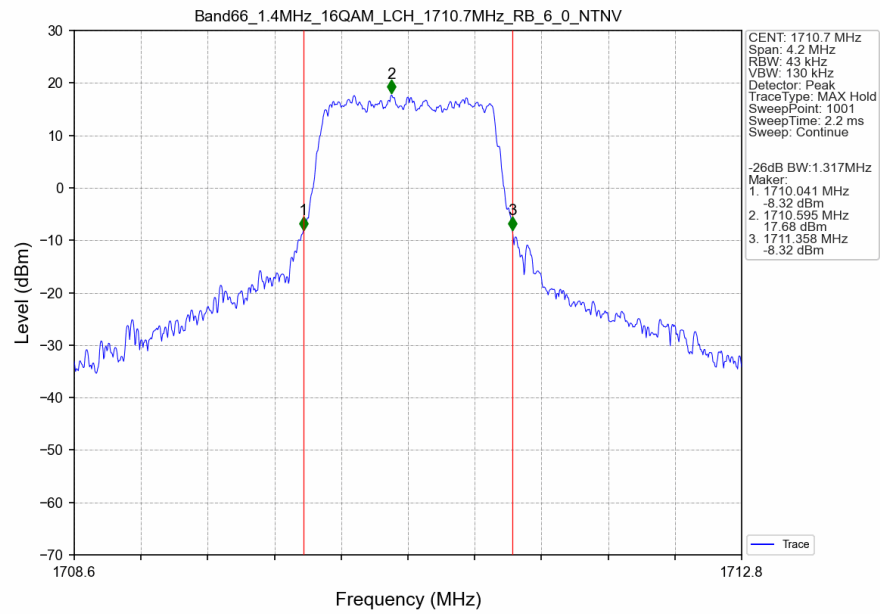
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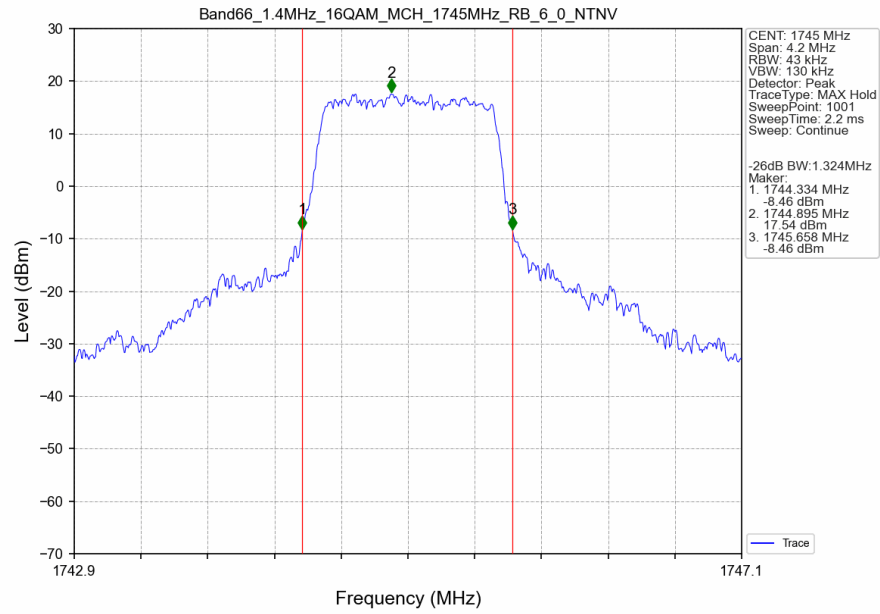
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



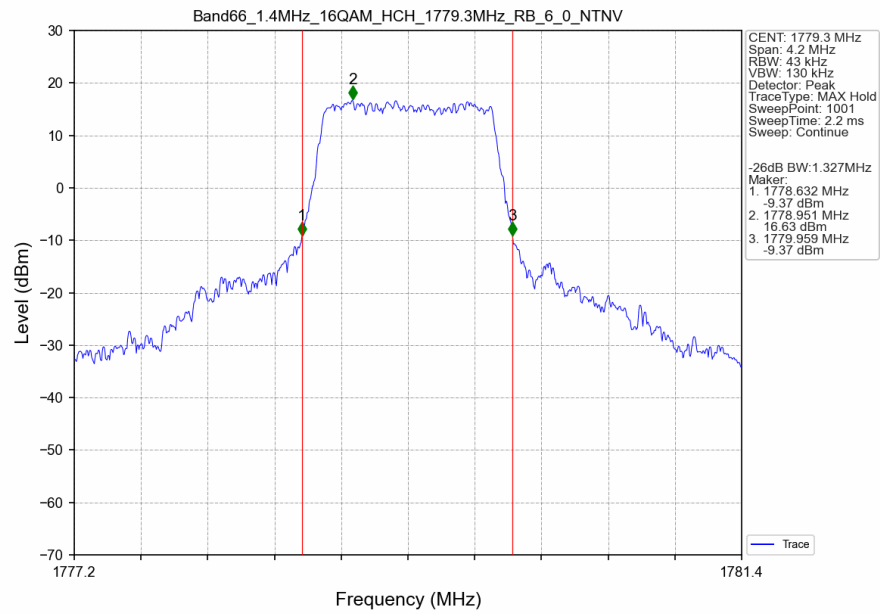
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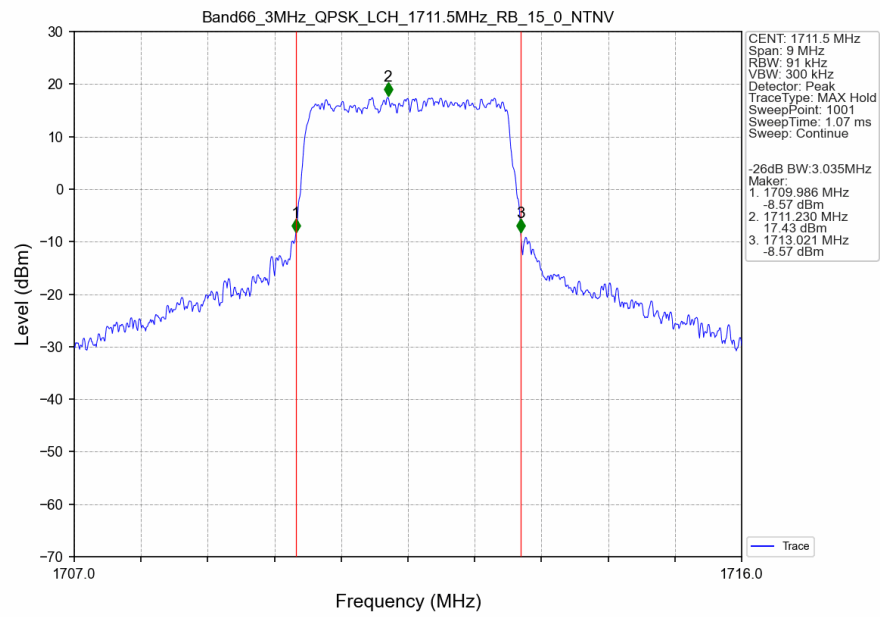
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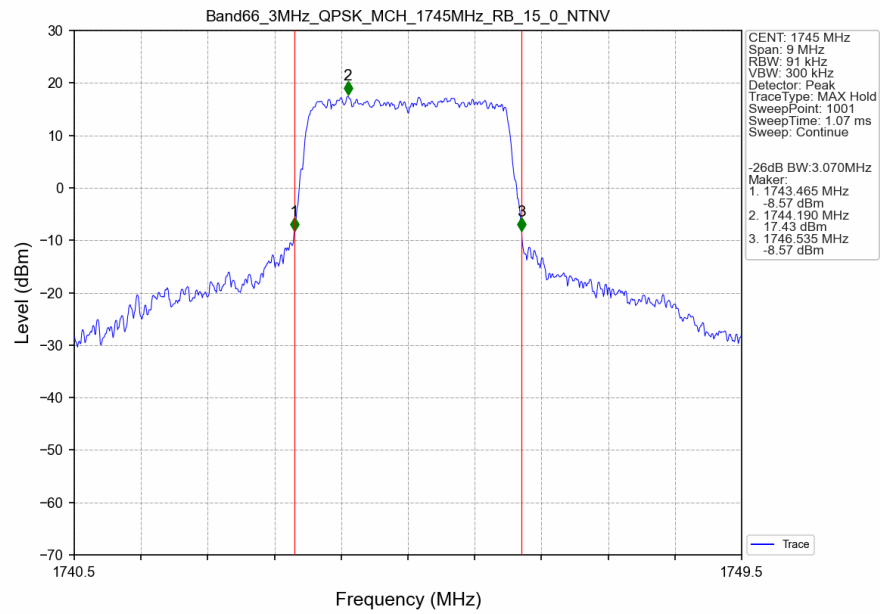
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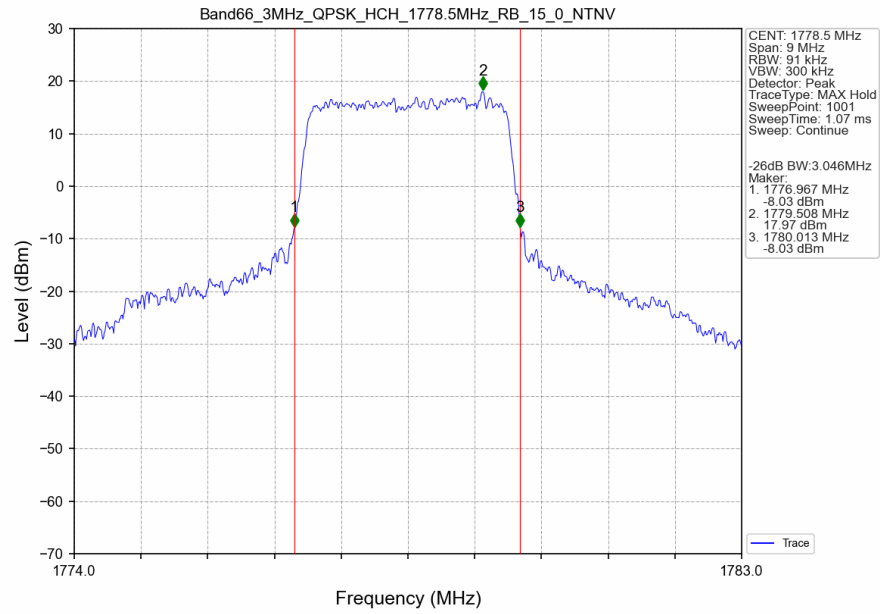
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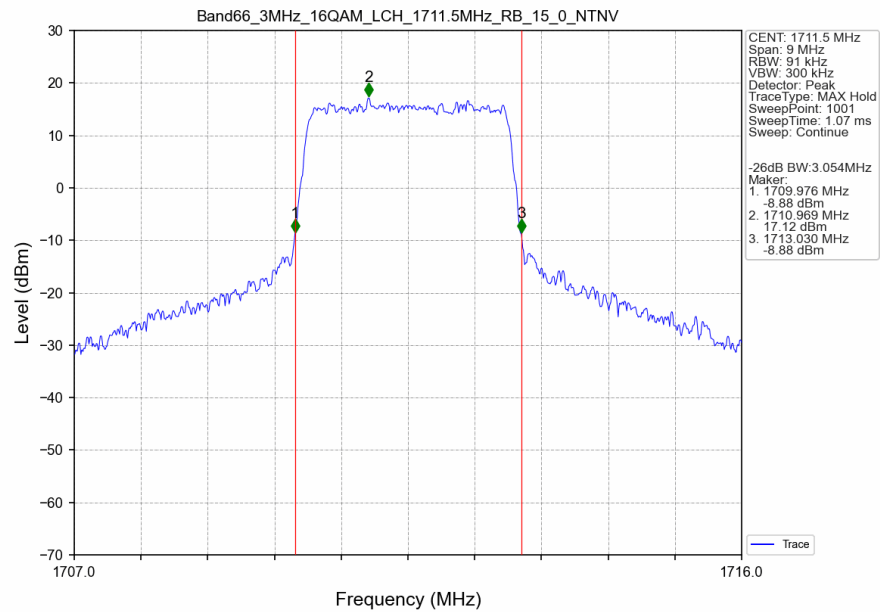
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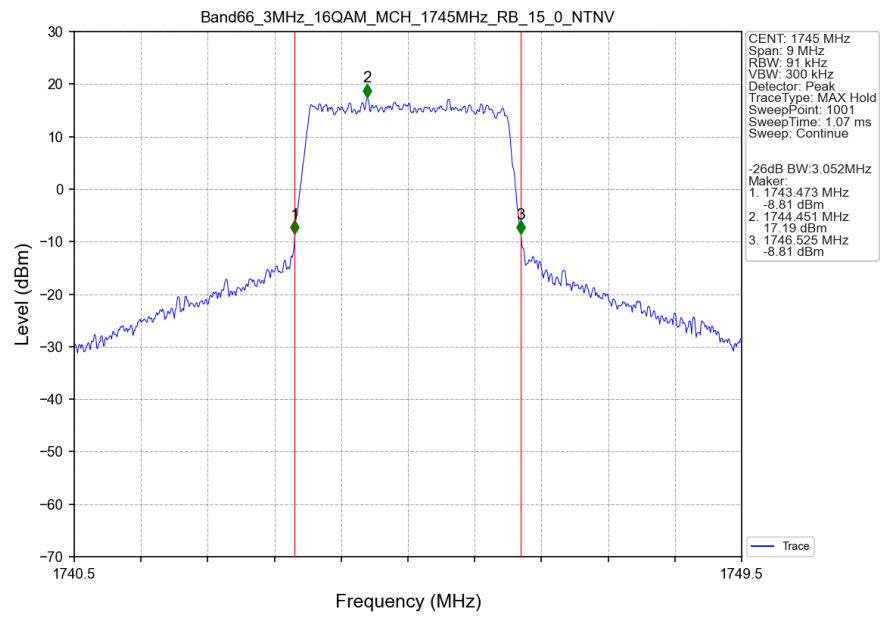
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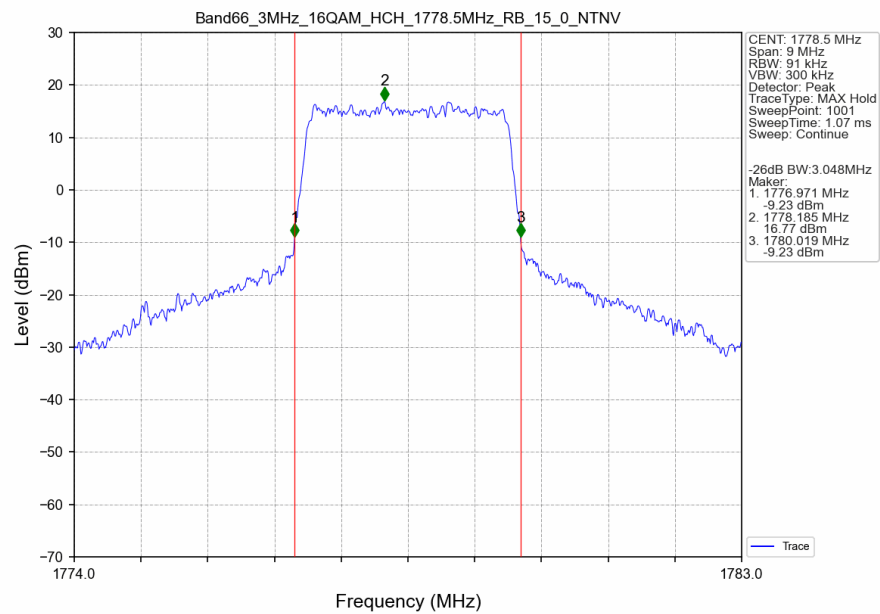
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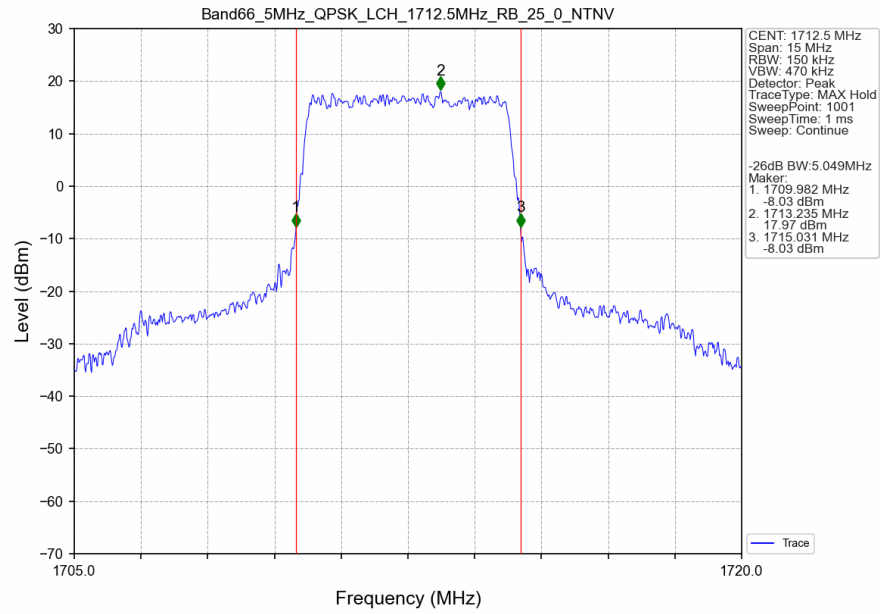
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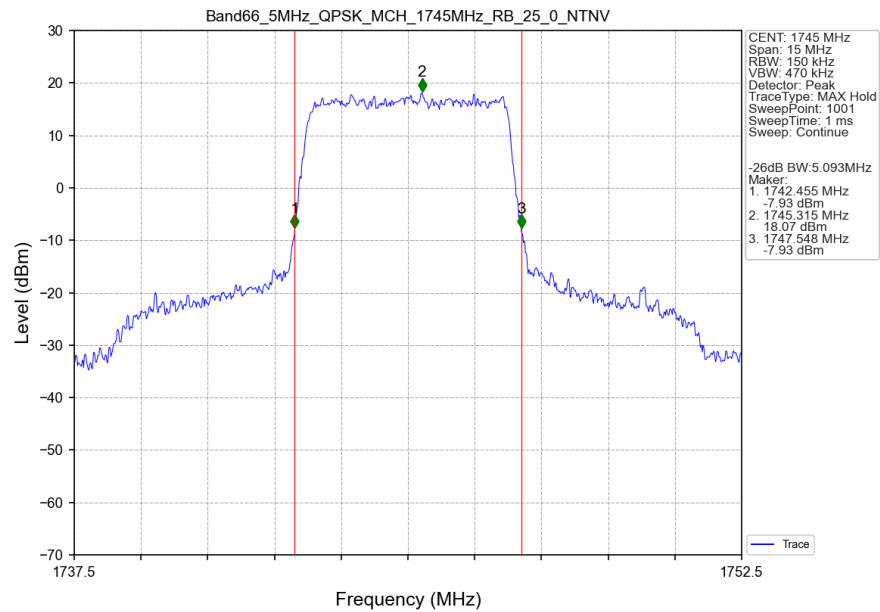
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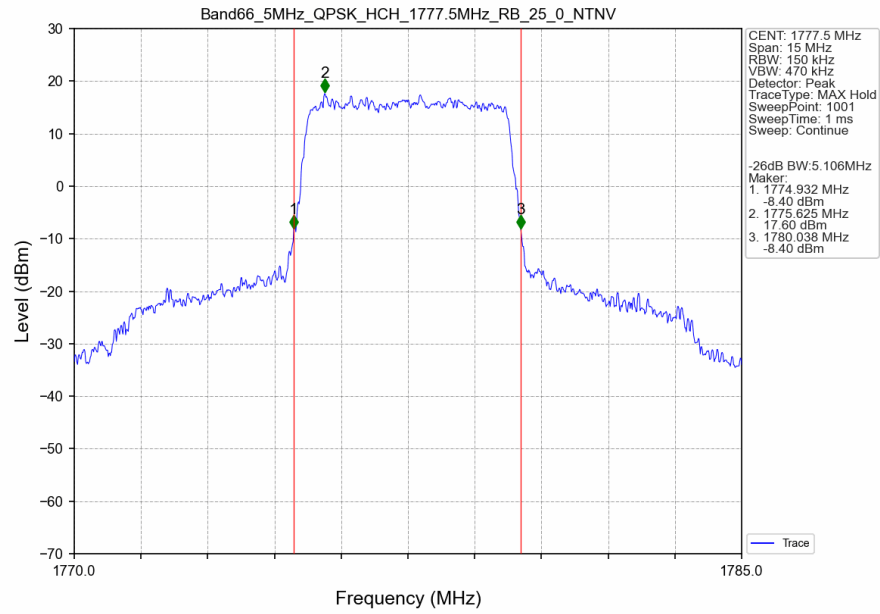
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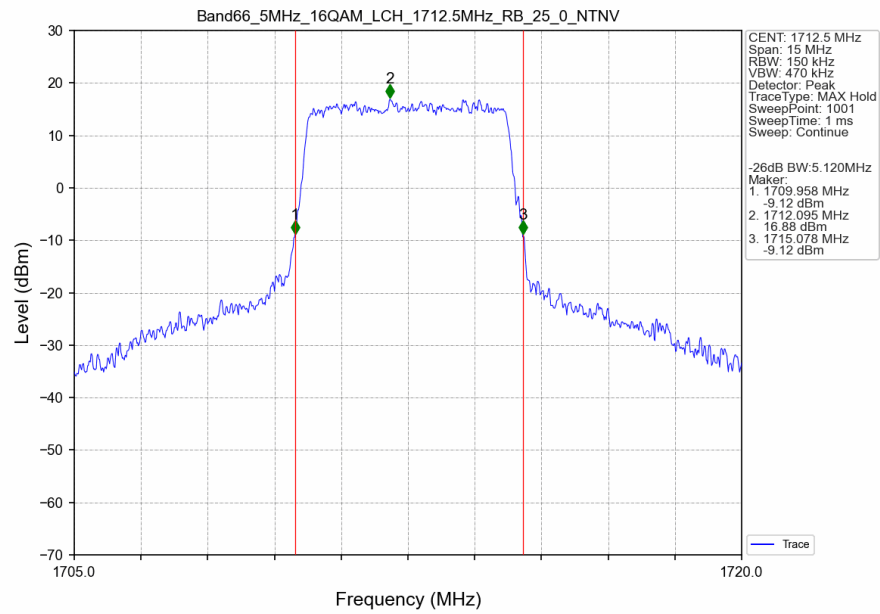
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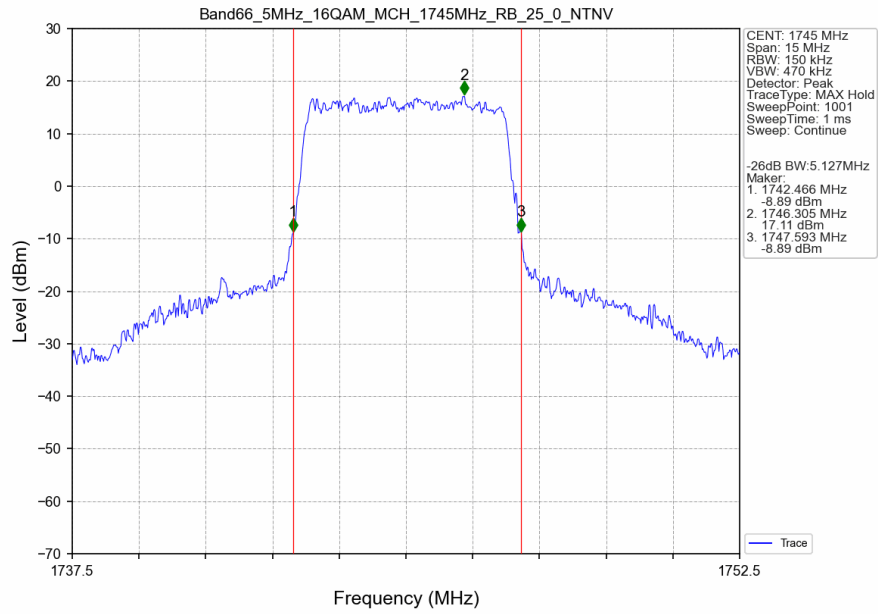
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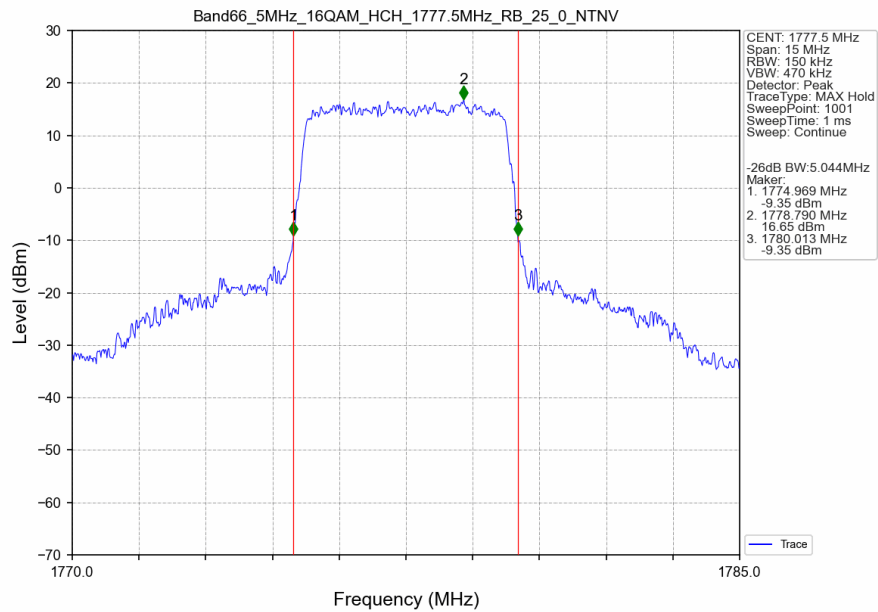
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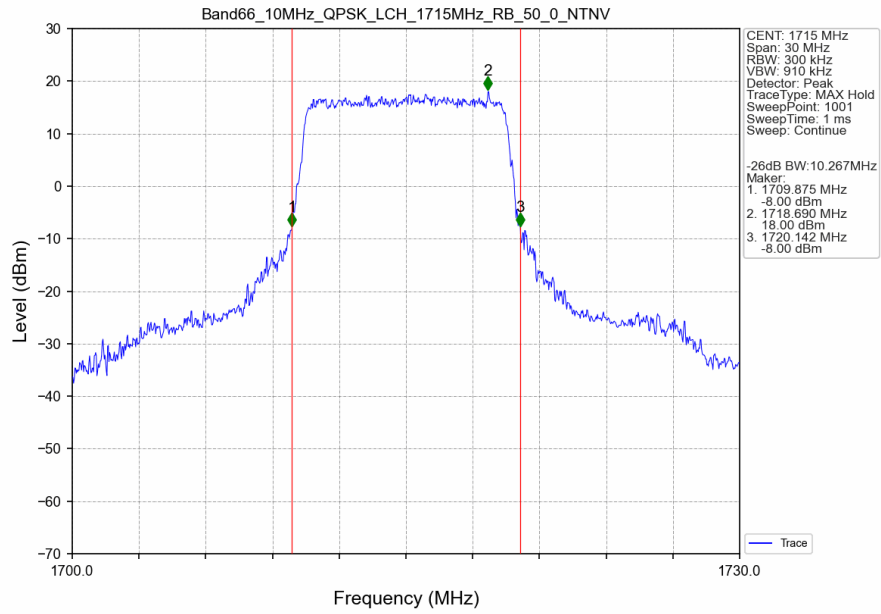
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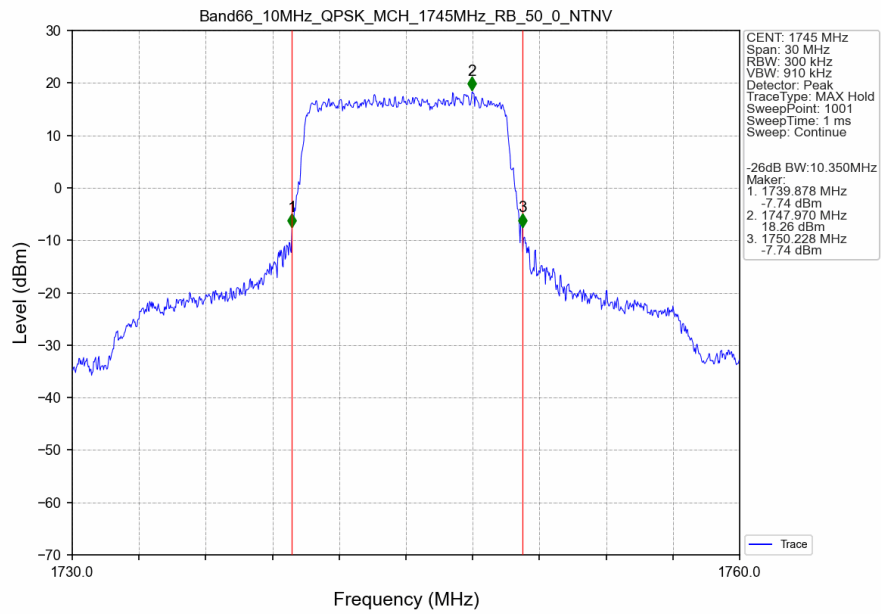
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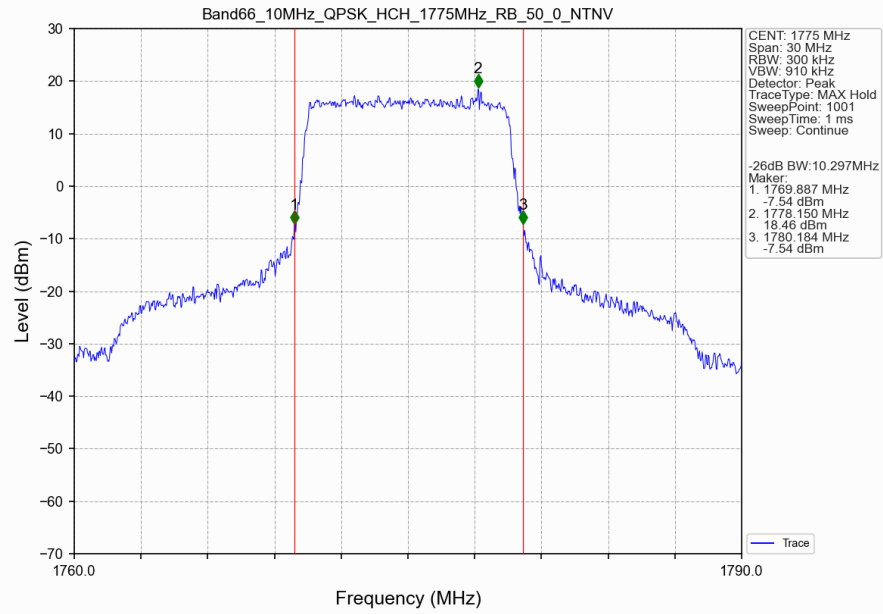
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



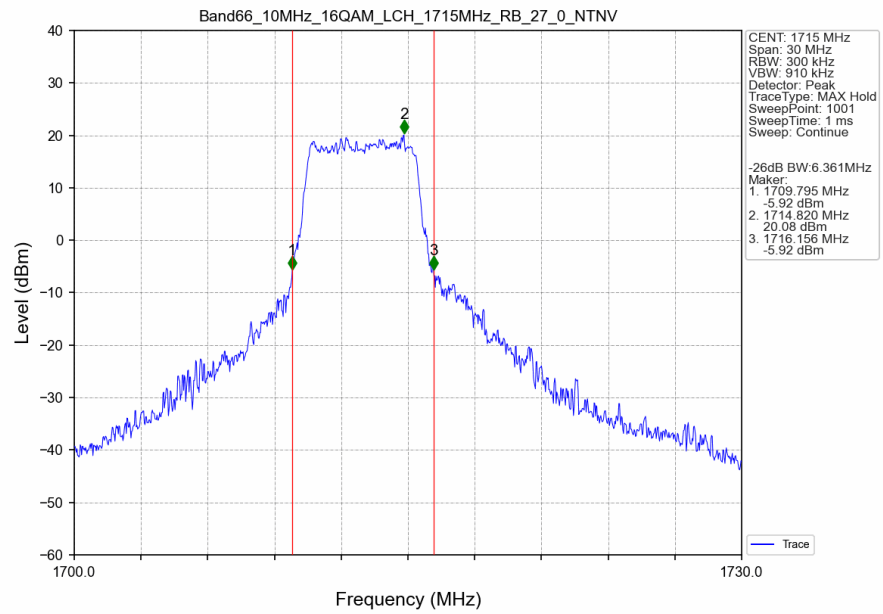
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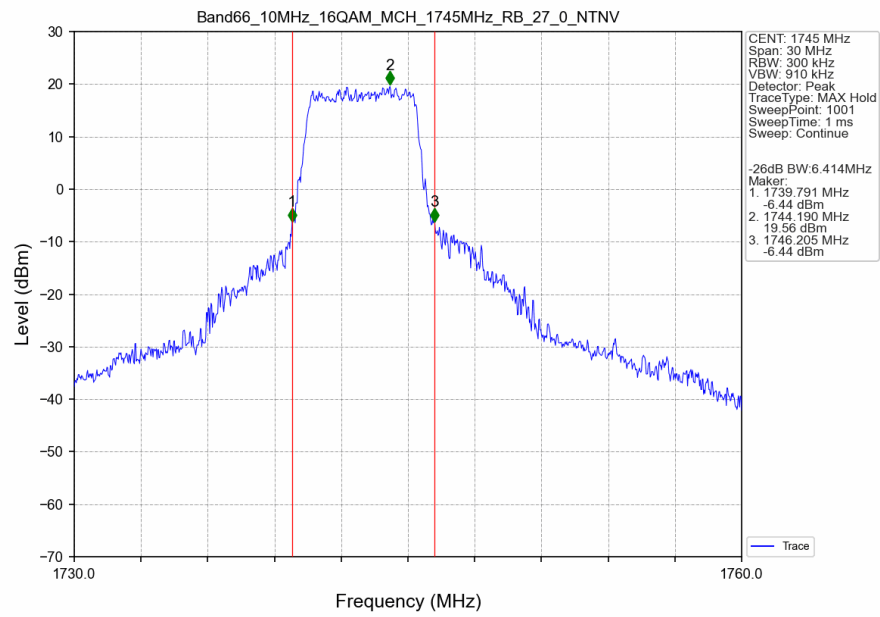
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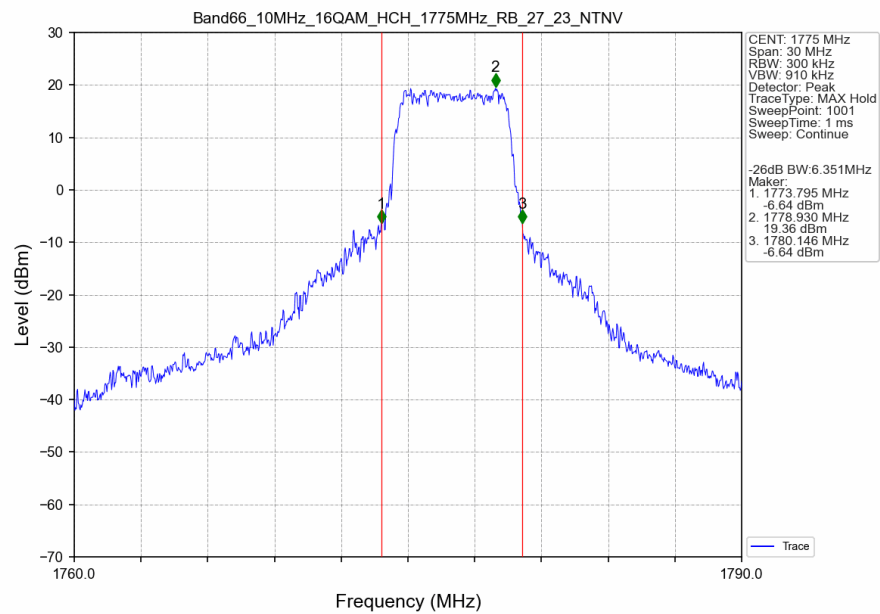
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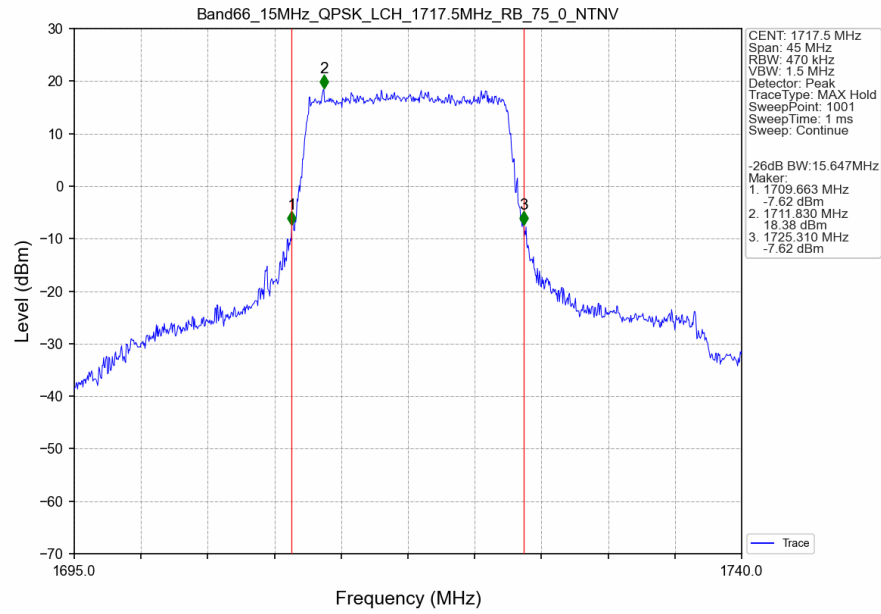
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN



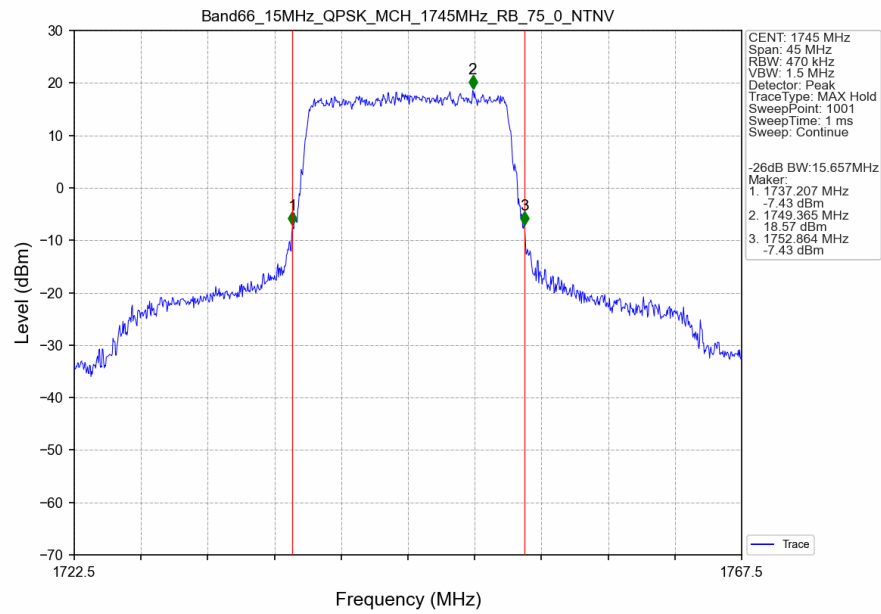
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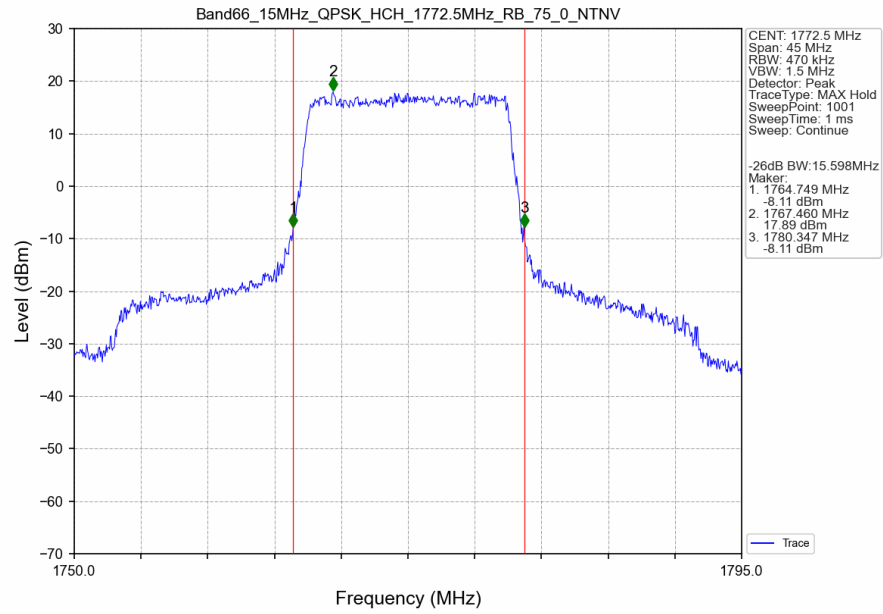
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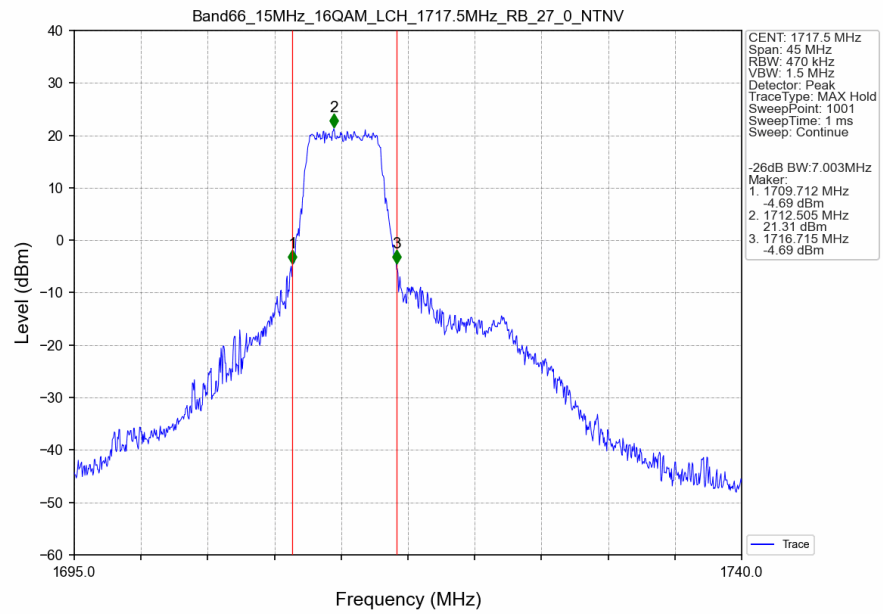
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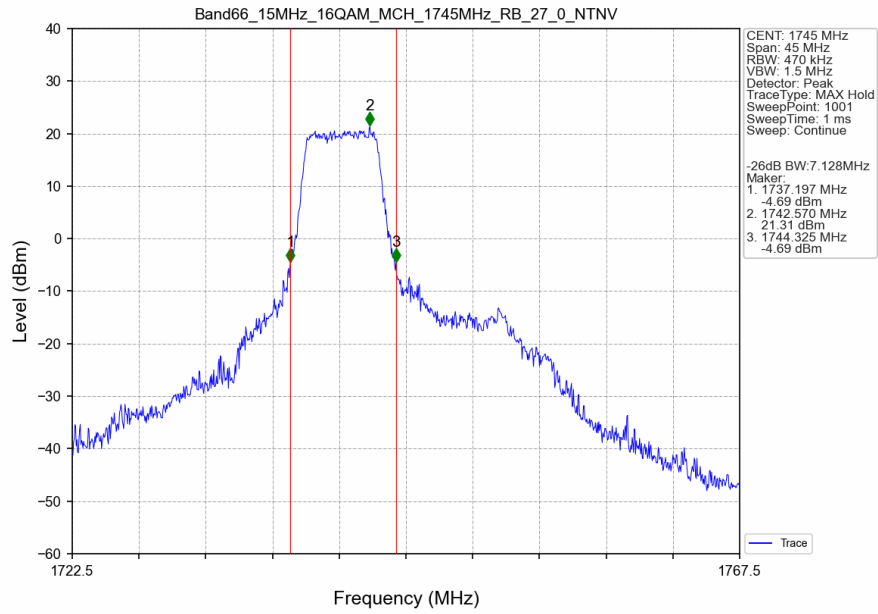
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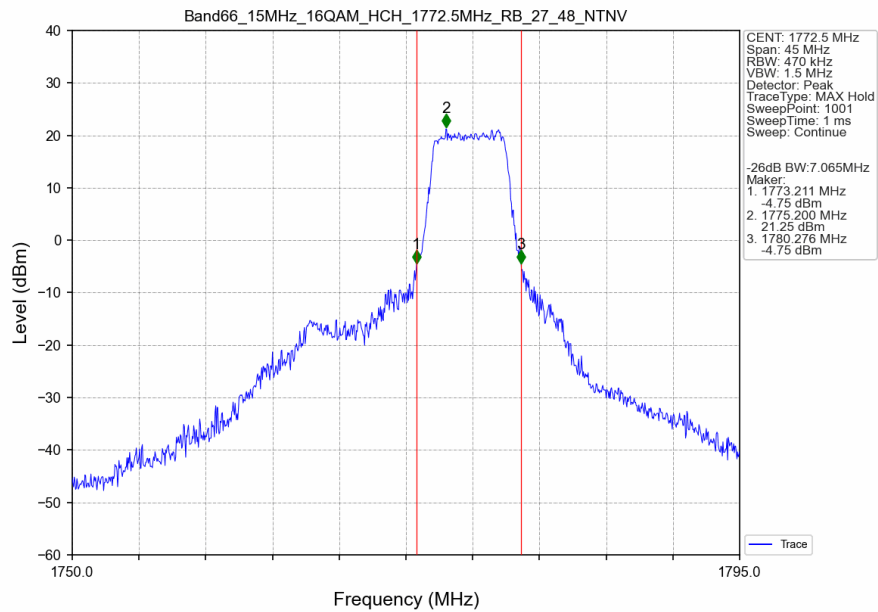
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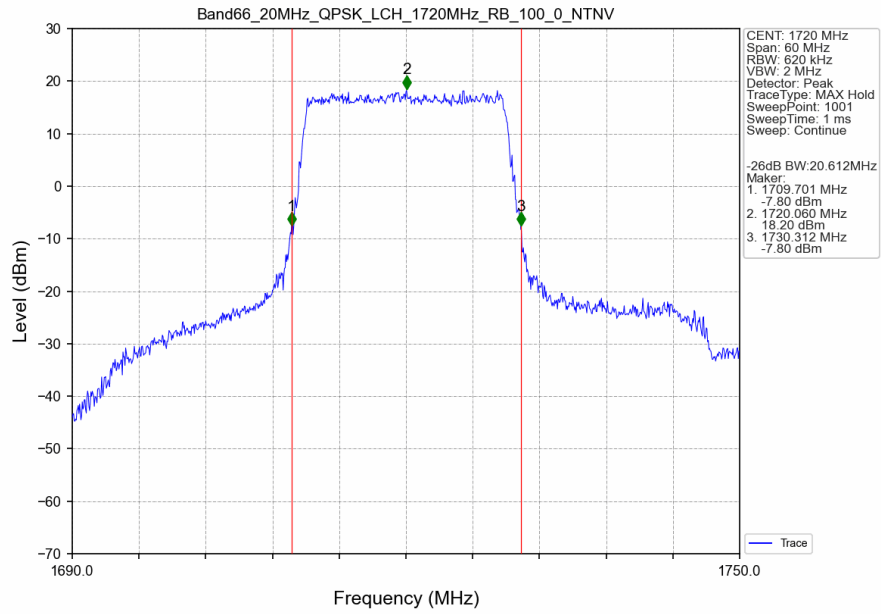
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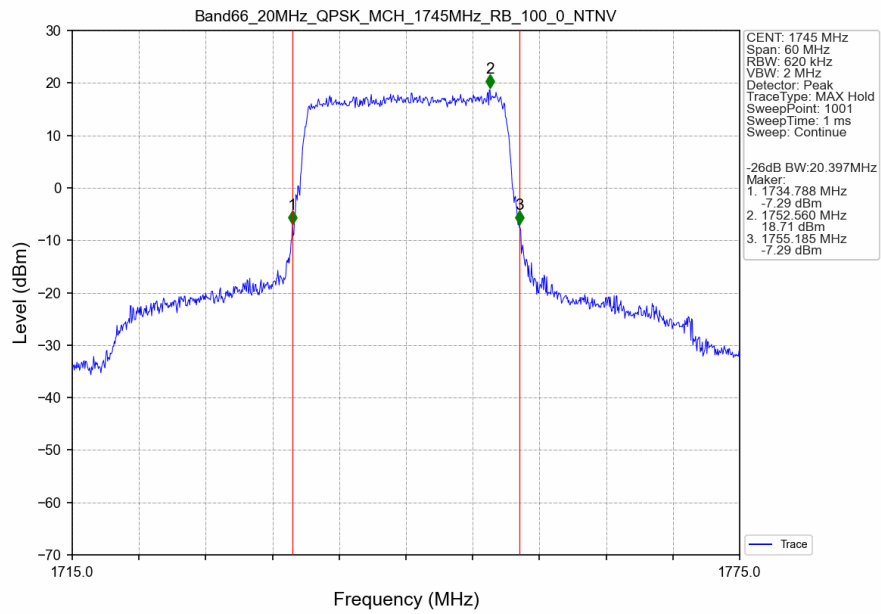
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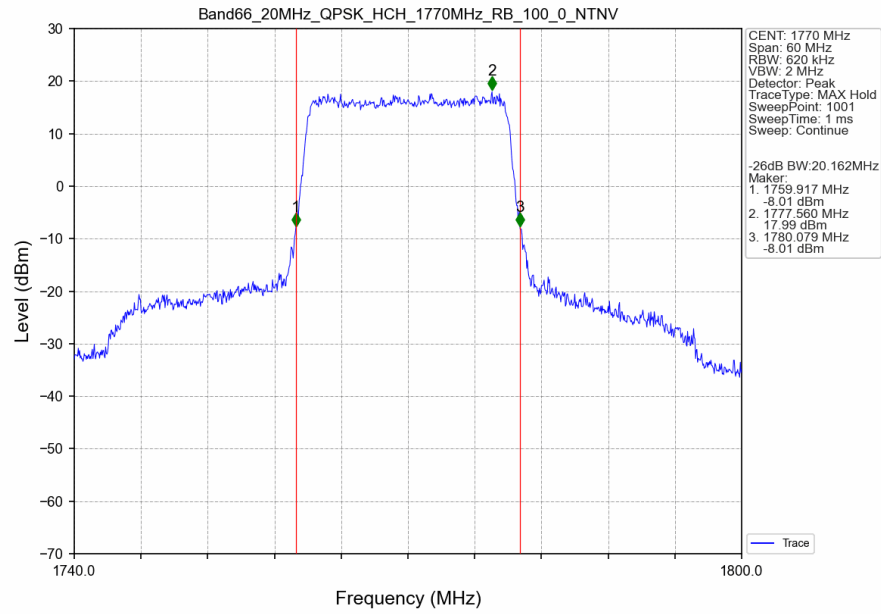
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



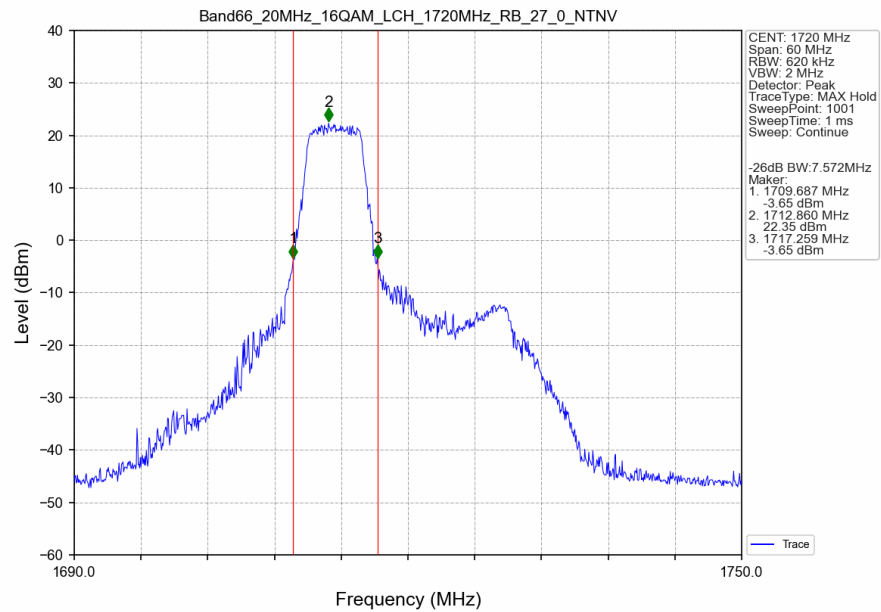
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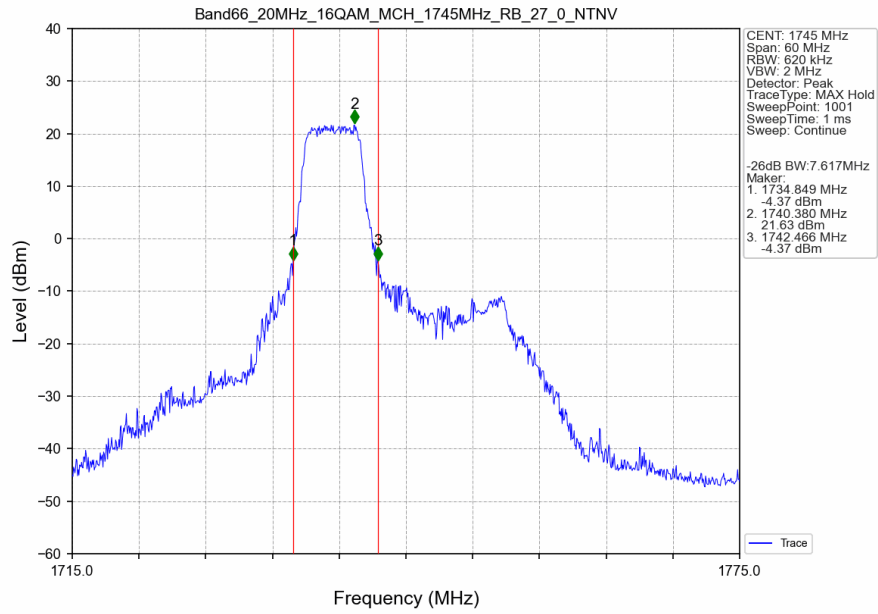
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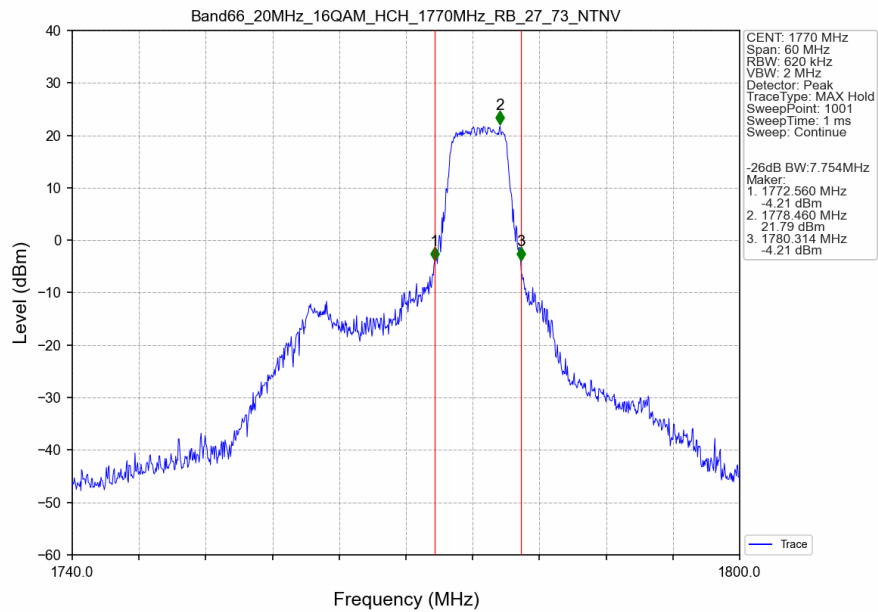
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTN



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.89	<=13	Pass
	1745	6	0	5.48	<=13	Pass
	1779.3	6	0	4.97	<=13	Pass
16QAM	1710.7	6	0	6.61	<=13	Pass
	1745	6	0	6.25	<=13	Pass
	1779.3	6	0	5.68	<=13	Pass

4.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.77	<=13	Pass
	1745	15	0	5.50	<=13	Pass
	1778.5	15	0	5.08	<=13	Pass
16QAM	1711.5	15	0	6.62	<=13	Pass
	1745	15	0	6.30	<=13	Pass
	1778.5	15	0	5.82	<=13	Pass

4.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.70	<=13	Pass
	1745	25	0	5.53	<=13	Pass
	1777.5	25	0	5.26	<=13	Pass
16QAM	1712.5	25	0	6.43	<=13	Pass
	1745	25	0	6.15	<=13	Pass
	1777.5	25	0	5.88	<=13	Pass

4.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.89	<=13	Pass
	1745	50	0	5.53	<=13	Pass
	1775	50	0	5.32	<=13	Pass
16QAM	1715	27	0	6.50	<=13	Pass
	1745	27	0	6.23	<=13	Pass
	1775	27	23	5.72	<=13	Pass

4.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.83	<=13	Pass
	1745	75	0	5.54	<=13	Pass
	1772.5	75	0	5.41	<=13	Pass
16QAM	1717.5	27	0	6.49	<=13	Pass
	1745	27	0	6.28	<=13	Pass
	1772.5	27	48	5.70	<=13	Pass

4.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.76	<=13	Pass
	1745	100	0	5.50	<=13	Pass
	1770	100	0	5.43	<=13	Pass
16QAM	1720	27	0	6.45	<=13	Pass
	1745	27	0	6.31	<=13	Pass
	1770	27	73	5.59	<=13	Pass

4.2 Test Graph

4.2.1 B66_1.4MHz

