

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.01	2.15	24.16	<=30	Pass
			2	21.97	2.15	24.12	<=30	Pass
			5	22.03	2.15	24.18	<=30	Pass
		3	0	22.50	2.15	24.65	<=30	Pass
			2	22.50	2.15	24.65	<=30	Pass
			3	22.47	2.15	24.62	<=30	Pass
		6	0	21.55	2.15	23.70	<=30	Pass
	1745	1	0	22.05	2.15	24.20	<=30	Pass
			2	22.03	2.15	24.18	<=30	Pass
			5	22.00	2.15	24.15	<=30	Pass
		3	0	22.60	2.15	24.75	<=30	Pass
			2	22.55	2.15	24.70	<=30	Pass
			3	22.54	2.15	24.69	<=30	Pass
		6	0	21.60	2.15	23.75	<=30	Pass
	1779.3	1	0	22.13	2.15	24.28	<=30	Pass
			2	22.17	2.15	24.32	<=30	Pass
			5	22.15	2.15	24.30	<=30	Pass
		3	0	22.70	2.15	24.85	<=30	Pass
			2	22.71	2.15	24.86	<=30	Pass
			3	22.72	2.15	24.87	<=30	Pass
		6	0	21.66	2.15	23.81	<=30	Pass
16QAM	1710.7	1	0	21.22	2.15	23.37	<=30	Pass
			2	21.20	2.15	23.35	<=30	Pass
			5	21.15	2.15	23.30	<=30	Pass
		3	0	21.56	2.15	23.71	<=30	Pass
			2	21.58	2.15	23.73	<=30	Pass
			3	21.56	2.15	23.71	<=30	Pass
		6	0	20.55	2.15	22.70	<=30	Pass
	1745	1	0	21.06	2.15	23.21	<=30	Pass
			2	21.03	2.15	23.18	<=30	Pass
			5	21.07	2.15	23.22	<=30	Pass
		3	0	21.73	2.15	23.88	<=30	Pass
			2	21.74	2.15	23.89	<=30	Pass
			3	21.72	2.15	23.87	<=30	Pass
		6	0	20.56	2.15	22.71	<=30	Pass
	1779.3	1	0	21.19	2.15	23.34	<=30	Pass
			2	21.20	2.15	23.35	<=30	Pass
			5	21.26	2.15	23.41	<=30	Pass
		3	0	21.69	2.15	23.84	<=30	Pass
			2	21.69	2.15	23.84	<=30	Pass
			3	21.69	2.15	23.84	<=30	Pass
		6	0	20.57	2.15	22.72	<=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	21.98	2.15	24.13	<=30	Pass
			7	22.01	2.15	24.16	<=30	Pass
			14	22.06	2.15	24.21	<=30	Pass
		8	0	21.50	2.15	23.65	<=30	Pass
			4	21.50	2.15	23.65	<=30	Pass
			7	21.56	2.15	23.71	<=30	Pass
		15	0	21.52	2.15	23.67	<=30	Pass
	1745	1	0	22.01	2.15	24.16	<=30	Pass
			7	21.97	2.15	24.12	<=30	Pass
			14	21.95	2.15	24.10	<=30	Pass
		8	0	21.53	2.15	23.68	<=30	Pass
			4	21.47	2.15	23.62	<=30	Pass
			7	21.45	2.15	23.60	<=30	Pass
		15	0	21.48	2.15	23.63	<=30	Pass
	1778.5	1	0	22.14	2.15	24.29	<=30	Pass
			7	22.16	2.15	24.31	<=30	Pass
			14	22.14	2.15	24.29	<=30	Pass
		8	0	21.61	2.15	23.76	<=30	Pass
			4	21.62	2.15	23.77	<=30	Pass
			7	21.62	2.15	23.77	<=30	Pass
		15	0	21.64	2.15	23.79	<=30	Pass
16QAM	1711.5	1	0	21.03	2.15	23.18	<=30	Pass
			7	21.09	2.15	23.24	<=30	Pass
			14	21.06	2.15	23.21	<=30	Pass
		8	0	20.57	2.15	22.72	<=30	Pass
			4	20.57	2.15	22.72	<=30	Pass
			7	20.61	2.15	22.76	<=30	Pass
		15	0	20.60	2.15	22.75	<=30	Pass
	1745	1	0	21.22	2.15	23.37	<=30	Pass
			7	21.20	2.15	23.35	<=30	Pass
			14	21.12	2.15	23.27	<=30	Pass
		8	0	20.48	2.15	22.63	<=30	Pass
			4	20.45	2.15	22.60	<=30	Pass
			7	20.42	2.15	22.57	<=30	Pass
		15	0	20.42	2.15	22.57	<=30	Pass
	1778.5	1	0	21.67	2.15	23.82	<=30	Pass
			7	21.67	2.15	23.82	<=30	Pass
			14	21.61	2.15	23.76	<=30	Pass
		8	0	20.80	2.15	22.95	<=30	Pass
			4	20.81	2.15	22.96	<=30	Pass
			7	20.82	2.15	22.97	<=30	Pass
		15	0	20.71	2.15	22.86	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.08	2.15	24.23	<=30	Pass
			13	22.10	2.15	24.25	<=30	Pass
			24	22.14	2.15	24.29	<=30	Pass
		12	0	21.56	2.15	23.71	<=30	Pass
			6	21.56	2.15	23.71	<=30	Pass

			13	21.60	2.15	23.75	<=30	Pass	
		25	0	21.59	2.15	23.74	<=30	Pass	
	1745	1	0	22.07	2.15	24.22	<=30	Pass	
			13	22.00	2.15	24.15	<=30	Pass	
			24	22.00	2.15	24.15	<=30	Pass	
		12	0	21.56	2.15	23.71	<=30	Pass	
			6	21.51	2.15	23.66	<=30	Pass	
			13	21.42	2.15	23.57	<=30	Pass	
		25	0	21.49	2.15	23.64	<=30	Pass	
	1777.5	1	0	22.20	2.15	24.35	<=30	Pass	
			13	22.28	2.15	24.43	<=30	Pass	
			24	22.33	2.15	24.48	<=30	Pass	
		12	0	21.66	2.15	23.81	<=30	Pass	
			6	21.63	2.15	23.78	<=30	Pass	
			13	21.62	2.15	23.77	<=30	Pass	
		25	0	21.65	2.15	23.80	<=30	Pass	
	16QAM	1712.5	1	0	21.14	2.15	23.29	<=30	Pass
13				21.17	2.15	23.32	<=30	Pass	
24				21.20	2.15	23.35	<=30	Pass	
12			0	20.48	2.15	22.63	<=30	Pass	
			6	20.53	2.15	22.68	<=30	Pass	
			13	20.55	2.15	22.70	<=30	Pass	
25			0	20.60	2.15	22.75	<=30	Pass	
1745		1	0	21.33	2.15	23.48	<=30	Pass	
			13	21.27	2.15	23.42	<=30	Pass	
			24	21.24	2.15	23.39	<=30	Pass	
		12	0	20.59	2.15	22.74	<=30	Pass	
			6	20.55	2.15	22.70	<=30	Pass	
			13	20.44	2.15	22.59	<=30	Pass	
25		0	20.49	2.15	22.64	<=30	Pass		
1777.5		1	0	20.95	2.15	23.10	<=30	Pass	
			13	20.98	2.15	23.13	<=30	Pass	
			24	21.01	2.15	23.16	<=30	Pass	
		12	0	20.64	2.15	22.79	<=30	Pass	
			6	20.62	2.15	22.77	<=30	Pass	
			13	20.64	2.15	22.79	<=30	Pass	
		25	0	20.69	2.15	22.84	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	22.00	2.15	24.15	<=30	Pass
			25	22.11	2.15	24.26	<=30	Pass
			49	22.07	2.15	24.22	<=30	Pass
		25	0	21.50	2.15	23.65	<=30	Pass
			13	21.61	2.15	23.76	<=30	Pass
			25	21.69	2.15	23.84	<=30	Pass
		50	0	21.63	2.15	23.78	<=30	Pass
	1745	1	0	22.04	2.15	24.19	<=30	Pass
			25	22.03	2.15	24.18	<=30	Pass
			49	21.92	2.15	24.07	<=30	Pass
		25	0	21.57	2.15	23.72	<=30	Pass
			13	21.49	2.15	23.64	<=30	Pass
			25	21.52	2.15	23.67	<=30	Pass
		50	0	21.59	2.15	23.74	<=30	Pass



	1775	1	0	21.98	2.15	24.13	<=30	Pass		
			25	22.13	2.15	24.28	<=30	Pass		
			49	22.14	2.15	24.29	<=30	Pass		
		25	0	21.60	2.15	23.75	<=30	Pass		
			13	21.63	2.15	23.78	<=30	Pass		
			25	21.70	2.15	23.85	<=30	Pass		
		50	0	21.68	2.15	23.83	<=30	Pass		
		16QAM	1715	1	0	21.00	2.15	23.15	<=30	Pass
					25	21.09	2.15	23.24	<=30	Pass
49	21.08				2.15	23.23	<=30	Pass		
12	0			21.56	2.15	23.71	<=30	Pass		
	19			21.64	2.15	23.79	<=30	Pass		
	38			21.67	2.15	23.82	<=30	Pass		
27	0			20.47	2.15	22.62	<=30	Pass		
1745	1			0	21.21	2.15	23.36	<=30	Pass	
				25	21.22	2.15	23.37	<=30	Pass	
			49	21.07	2.15	23.22	<=30	Pass		
	12		0	21.55	2.15	23.70	<=30	Pass		
			19	21.55	2.15	23.70	<=30	Pass		
			38	21.51	2.15	23.66	<=30	Pass		
	27		0	20.57	2.15	22.72	<=30	Pass		
1775	1		0	21.54	2.15	23.69	<=30	Pass		
			25	21.63	2.15	23.78	<=30	Pass		
			49	21.60	2.15	23.75	<=30	Pass		
	12		0	21.62	2.15	23.77	<=30	Pass		
			19	21.66	2.15	23.81	<=30	Pass		
		38	21.73	2.15	23.88	<=30	Pass			
	27	23	20.64	2.15	22.79	<=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	21.88	2.15	24.03	<=30	Pass
			38	21.99	2.15	24.14	<=30	Pass
			74	21.94	2.15	24.09	<=30	Pass
		36	0	21.44	2.15	23.59	<=30	Pass
			18	21.56	2.15	23.71	<=30	Pass
			39	21.64	2.15	23.79	<=30	Pass
		75	0	21.61	2.15	23.76	<=30	Pass
	1745	1	0	22.02	2.15	24.17	<=30	Pass
			38	21.99	2.15	24.14	<=30	Pass
			74	21.81	2.15	23.96	<=30	Pass
		36	0	21.52	2.15	23.67	<=30	Pass
			18	21.45	2.15	23.60	<=30	Pass
			39	21.46	2.15	23.61	<=30	Pass
		75	0	21.57	2.15	23.72	<=30	Pass
	1772.5	1	0	21.88	2.15	24.03	<=30	Pass
			38	22.02	2.15	24.17	<=30	Pass
			74	22.08	2.15	24.23	<=30	Pass
		36	0	21.56	2.15	23.71	<=30	Pass
			18	21.56	2.15	23.71	<=30	Pass
			39	21.62	2.15	23.77	<=30	Pass
		75	0	21.59	2.15	23.74	<=30	Pass
16QAM	1717.5	1	0	21.30	2.15	23.45	<=30	Pass
			38	21.41	2.15	23.56	<=30	Pass

		12	74	21.39	2.15	23.54	<=30	Pass
			0	21.42	2.15	23.57	<=30	Pass
			31	21.54	2.15	23.69	<=30	Pass
			63	21.52	2.15	23.67	<=30	Pass
	1745	27	0	20.43	2.15	22.58	<=30	Pass
			0	21.20	2.15	23.35	<=30	Pass
			38	21.17	2.15	23.32	<=30	Pass
		12	74	21.00	2.15	23.15	<=30	Pass
			0	21.53	2.15	23.68	<=30	Pass
			31	21.51	2.15	23.66	<=30	Pass
			63	21.41	2.15	23.56	<=30	Pass
		27	0	20.59	2.15	22.74	<=30	Pass
	1772.5	1	0	21.46	2.15	23.61	<=30	Pass
			38	21.61	2.15	23.76	<=30	Pass
			74	21.55	2.15	23.70	<=30	Pass
		12	0	21.51	2.15	23.66	<=30	Pass
			31	21.63	2.15	23.78	<=30	Pass
			63	21.65	2.15	23.80	<=30	Pass
		27	48	20.59	2.15	22.74	<=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	21.89	2.15	24.04	<=30	Pass
			50	22.08	2.15	24.23	<=30	Pass
			99	22.04	2.15	24.19	<=30	Pass
		50	0	21.41	2.15	23.56	<=30	Pass
			25	21.66	2.15	23.81	<=30	Pass
			50	21.77	2.15	23.92	<=30	Pass
		100	0	21.62	2.15	23.77	<=30	Pass
	1745	1	0	21.98	2.15	24.13	<=30	Pass
			50	22.04	2.15	24.19	<=30	Pass
			99	21.82	2.15	23.97	<=30	Pass
		50	0	21.63	2.15	23.78	<=30	Pass
			25	21.54	2.15	23.69	<=30	Pass
			50	21.57	2.15	23.72	<=30	Pass
		100	0	21.59	2.15	23.74	<=30	Pass
	1770	1	0	21.75	2.15	23.90	<=30	Pass
			50	22.02	2.15	24.17	<=30	Pass
			99	22.01	2.15	24.16	<=30	Pass
		50	0	21.58	2.15	23.73	<=30	Pass
			25	21.57	2.15	23.72	<=30	Pass
			50	21.65	2.15	23.80	<=30	Pass
		100	0	21.60	2.15	23.75	<=30	Pass
16QAM	1720	1	0	21.46	2.15	23.61	<=30	Pass
			50	21.66	2.15	23.81	<=30	Pass
			99	21.67	2.15	23.82	<=30	Pass
		12	0	21.44	2.15	23.59	<=30	Pass
			44	21.61	2.15	23.76	<=30	Pass
			88	21.59	2.15	23.74	<=30	Pass
		27	0	20.43	2.15	22.58	<=30	Pass
	1745	1	0	21.20	2.15	23.35	<=30	Pass
			50	21.25	2.15	23.40	<=30	Pass
			99	21.02	2.15	23.17	<=30	Pass
		12	0	21.49	2.15	23.64	<=30	Pass



		27	44	21.50	2.15	23.65	<=30	Pass
			88	21.32	2.15	23.47	<=30	Pass
			0	20.48	2.15	22.63	<=30	Pass
	1770	1	0	21.05	2.15	23.20	<=30	Pass
			50	21.29	2.15	23.44	<=30	Pass
			99	21.30	2.15	23.45	<=30	Pass
		12	0	21.35	2.15	23.50	<=30	Pass
			44	21.56	2.15	23.71	<=30	Pass
			88	21.59	2.15	23.74	<=30	Pass
		27	73	20.53	2.15	22.68	<=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	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
					4.43	9.227	0.0054	-2.5 to 2.5	Pass
				-30	3.85	22.273	0.0130	-2.5 to 2.5	Pass
				-20	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.908	-0.0035	-2.5 to 2.5	Pass
				0	3.85	7.424	0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				30	3.85	4.978	0.0029	-2.5 to 2.5	Pass
				40	3.85	5.035	0.0029	-2.5 to 2.5	Pass
				50	3.85	10.414	0.0061	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	8.297	0.0048	-2.5 to 2.5	Pass
					3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	6.652	0.0038	-2.5 to 2.5	Pass
				-20	3.85	10.901	0.0062	-2.5 to 2.5	Pass
				-10	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				0	3.85	6.452	0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				30	3.85	5.851	0.0034	-2.5 to 2.5	Pass
				40	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	5.393	0.0030	-2.5 to 2.5	Pass
					3.85	4.621	0.0026	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	5.565	0.0031	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-7.167	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-9.499	-0.0053	-2.5 to 2.5	Pass
				50	3.85	8.841	0.0050	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	-3.877	-0.0023	-2.5 to 2.5	Pass

					4.43	-3.161	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	3.390	0.0020	-2.5 to 2.5	Pass
				-20	3.85	2.518	0.0015	-2.5 to 2.5	Pass
				-10	3.85	4.091	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				30	3.85	6.452	0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-4.392	-0.0025	-2.5 to 2.5	Pass
					3.85	2.933	0.0017	-2.5 to 2.5	Pass
					4.43	6.795	0.0039	-2.5 to 2.5	Pass
				-30	3.85	5.093	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	10.829	0.0062	-2.5 to 2.5	Pass
				0	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	3.85	14.176	0.0081	-2.5 to 2.5	Pass
				30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.85	9.928	0.0057	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	6.881	0.0039	-2.5 to 2.5	Pass
					3.85	5.822	0.0033	-2.5 to 2.5	Pass
					4.43	-10.200	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				-20	3.85	3.090	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-10.428	-0.0059	-2.5 to 2.5	Pass
				0	3.85	5.236	0.0029	-2.5 to 2.5	Pass
				10	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				30	3.85	4.377	0.0025	-2.5 to 2.5	Pass
				40	3.85	5.364	0.0030	-2.5 to 2.5	Pass
				50	3.85	6.595	0.0037	-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	3.27	1.302	0.0008	-2.5 to 2.5	Pass
					3.85	-8.383	-0.0049	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				10	3.85	4.063	0.0024	-2.5 to 2.5	Pass
				30	3.85	4.735	0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				50	3.85	4.292	0.0025	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	12.832	0.0074	-2.5 to 2.5	Pass
					3.85	2.904	0.0017	-2.5 to 2.5	Pass
					4.43	6.237	0.0036	-2.5 to 2.5	Pass
				-30	3.85	2.832	0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.749	0.0027	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	9.756	0.0056	-2.5 to 2.5	Pass
				10	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass

	1778.5	15	0	50	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				20	3.27	6.180	0.0035	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
					4.43	9.298	0.0052	-2.5 to 2.5	Pass
				-30	3.85	9.470	0.0053	-2.5 to 2.5	Pass
				-20	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0027	-2.5 to 2.5	Pass
				0	3.85	6.366	0.0036	-2.5 to 2.5	Pass
				10	3.85	10.586	0.0060	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	40	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				50	3.85	8.140	0.0046	-2.5 to 2.5	Pass
				20	3.27	-0.758	-0.0004	-2.5 to 2.5	Pass
					3.85	7.982	0.0047	-2.5 to 2.5	Pass
					4.43	2.046	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				0	3.85	8.655	0.0051	-2.5 to 2.5	Pass
				10	3.85	1.416	0.0008	-2.5 to 2.5	Pass
	1745	15	0	30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	7.682	0.0045	-2.5 to 2.5	Pass
				20	3.27	-4.220	-0.0024	-2.5 to 2.5	Pass
					3.85	1.988	0.0011	-2.5 to 2.5	Pass
					4.43	1.159	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
	1778.5	15	0	10	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				50	3.85	3.004	0.0017	-2.5 to 2.5	Pass
				20	3.27	11.272	0.0063	-2.5 to 2.5	Pass
					3.85	2.017	0.0011	-2.5 to 2.5	Pass
					4.43	1.860	0.0010	-2.5 to 2.5	Pass
				-30	3.85	5.164	0.0029	-2.5 to 2.5	Pass
				-20	3.85	7.825	0.0044	-2.5 to 2.5	Pass
				-10	3.85	3.219	0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	9.127	0.0051	-2.5 to 2.5	Pass
				30	3.85	4.435	0.0025	-2.5 to 2.5	Pass
				40	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0015	-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	3.27	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.059	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	4.134	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.116	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.646	0.0015	-2.5 to 2.5	Pass

				10	3.85	4.091	0.0024	-2.5 to 2.5	Pass
				30	3.85	3.748	0.0022	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				50	3.85	5.107	0.0030	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	3.304	0.0019	-2.5 to 2.5	Pass
					4.43	6.766	0.0039	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	5.636	0.0032	-2.5 to 2.5	Pass
				-10	3.85	8.869	0.0051	-2.5 to 2.5	Pass
				0	3.85	4.249	0.0024	-2.5 to 2.5	Pass
				10	3.85	4.807	0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				50	3.85	4.048	0.0023	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	2.546	0.0014	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	1.302	0.0007	-2.5 to 2.5	Pass
				-30	3.85	5.779	0.0033	-2.5 to 2.5	Pass
				-20	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				40	3.85	4.177	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.921	0.0028	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.788	0.0010	-2.5 to 2.5	Pass
					3.85	1.545	0.0009	-2.5 to 2.5	Pass
					4.43	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.85	5.622	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	3.85	6.967	0.0041	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0005	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.85	4.764	0.0027	-2.5 to 2.5	Pass
					4.43	4.292	0.0025	-2.5 to 2.5	Pass
				-30	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-20	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	4.563	0.0026	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.389	0.0014	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	6.423	0.0036	-2.5 to 2.5	Pass
					3.85	2.604	0.0015	-2.5 to 2.5	Pass
					4.43	5.407	0.0030	-2.5 to 2.5	Pass
				-30	3.85	5.450	0.0031	-2.5 to 2.5	Pass
				-20	3.85	4.692	0.0026	-2.5 to 2.5	Pass
				-10	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				0	3.85	3.877	0.0022	-2.5 to 2.5	Pass
				10	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				30	3.85	4.621	0.0026	-2.5 to 2.5	Pass
				40	3.85	5.779	0.0033	-2.5 to 2.5	Pass
				50	3.85	8.712	0.0049	-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	3.27	2.203	0.0013	-2.5 to 2.5	Pass
					3.85	1.917	0.0011	-2.5 to 2.5	Pass
					4.43	3.476	0.0020	-2.5 to 2.5	Pass
				-30	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				0	3.85	6.380	0.0037	-2.5 to 2.5	Pass
				10	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				40	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				10	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				40	3.85	4.592	0.0026	-2.5 to 2.5	Pass
				50	3.85	0.572	0.0003	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	0.386	0.0002	-2.5 to 2.5	Pass
					3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.259	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0016	-2.5 to 2.5	Pass
				10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	3.347	0.0019	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	6.208	0.0036	-2.5 to 2.5	Pass
					3.85	3.047	0.0018	-2.5 to 2.5	Pass
					4.43	3.676	0.0021	-2.5 to 2.5	Pass
				-30	3.85	5.507	0.0032	-2.5 to 2.5	Pass
				-20	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0036	-2.5 to 2.5	Pass
				30	3.85	6.995	0.0041	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	3.262	0.0019	-2.5 to 2.5	Pass
					3.85	3.877	0.0022	-2.5 to 2.5	Pass
					4.43	4.292	0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-20	3.85	4.320	0.0025	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.805	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.606	0.0026	-2.5 to 2.5	Pass

	1775	27	23	30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				40	3.85	5.937	0.0034	-2.5 to 2.5	Pass
				50	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				20	3.27	5.565	0.0031	-2.5 to 2.5	Pass
					3.85	2.747	0.0015	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				-20	3.85	3.805	0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0002	-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	3.27	1.674	0.0010	-2.5 to 2.5	Pass
					3.85	1.159	0.0007	-2.5 to 2.5	Pass
					4.43	1.845	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.831	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1745	75	0	50	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				20	3.27	6.223	0.0036	-2.5 to 2.5	Pass
					3.85	6.895	0.0040	-2.5 to 2.5	Pass
					4.43	6.695	0.0038	-2.5 to 2.5	Pass
				-30	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.862	0.0022	-2.5 to 2.5	Pass
				0	3.85	4.563	0.0026	-2.5 to 2.5	Pass
				10	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				30	3.85	5.293	0.0030	-2.5 to 2.5	Pass
	1772.5	75	0	40	3.85	4.706	0.0027	-2.5 to 2.5	Pass
				50	3.85	2.189	0.0013	-2.5 to 2.5	Pass
				20	3.27	-2.174	-0.0012	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.233	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.419	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass



				-10	3.85	7.710	0.0045	-2.5 to 2.5	Pass
				0	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				10	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				30	3.85	3.018	0.0018	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				50	3.85	7.954	0.0046	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	5.193	0.0030	-2.5 to 2.5	Pass
					3.85	4.377	0.0025	-2.5 to 2.5	Pass
					4.43	3.834	0.0022	-2.5 to 2.5	Pass
				-30	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				-20	3.85	4.435	0.0025	-2.5 to 2.5	Pass
				-10	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				0	3.85	9.542	0.0055	-2.5 to 2.5	Pass
				10	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				30	3.85	9.670	0.0055	-2.5 to 2.5	Pass
				40	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				20	3.27	-4.163	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0027	-2.5 to 2.5	Pass
	1772.5	27	48	-30	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.721	-0.0027	-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	3.27	1.030	0.0006	-2.5 to 2.5	Pass
					3.85	2.861	0.0017	-2.5 to 2.5	Pass
					4.43	1.459	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				0	3.85	3.018	0.0018	-2.5 to 2.5	Pass
				10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				50	3.85	3.119	0.0018	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.730	0.0004	-2.5 to 2.5	Pass
					3.85	1.845	0.0011	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-1.831	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0022	-2.5 to 2.5	Pass

					4.43	-5.608	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	7.238	0.0042	-2.5 to 2.5	Pass
					3.85	7.424	0.0043	-2.5 to 2.5	Pass
					4.43	6.137	0.0036	-2.5 to 2.5	Pass
				-30	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	1.245	0.0007	-2.5 to 2.5	Pass
					4.43	5.164	0.0030	-2.5 to 2.5	Pass
				-30	3.85	3.619	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				30	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	-2.217	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0033	-2.5 to 2.5	Pass
					4.43	-7.796	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	3.505	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

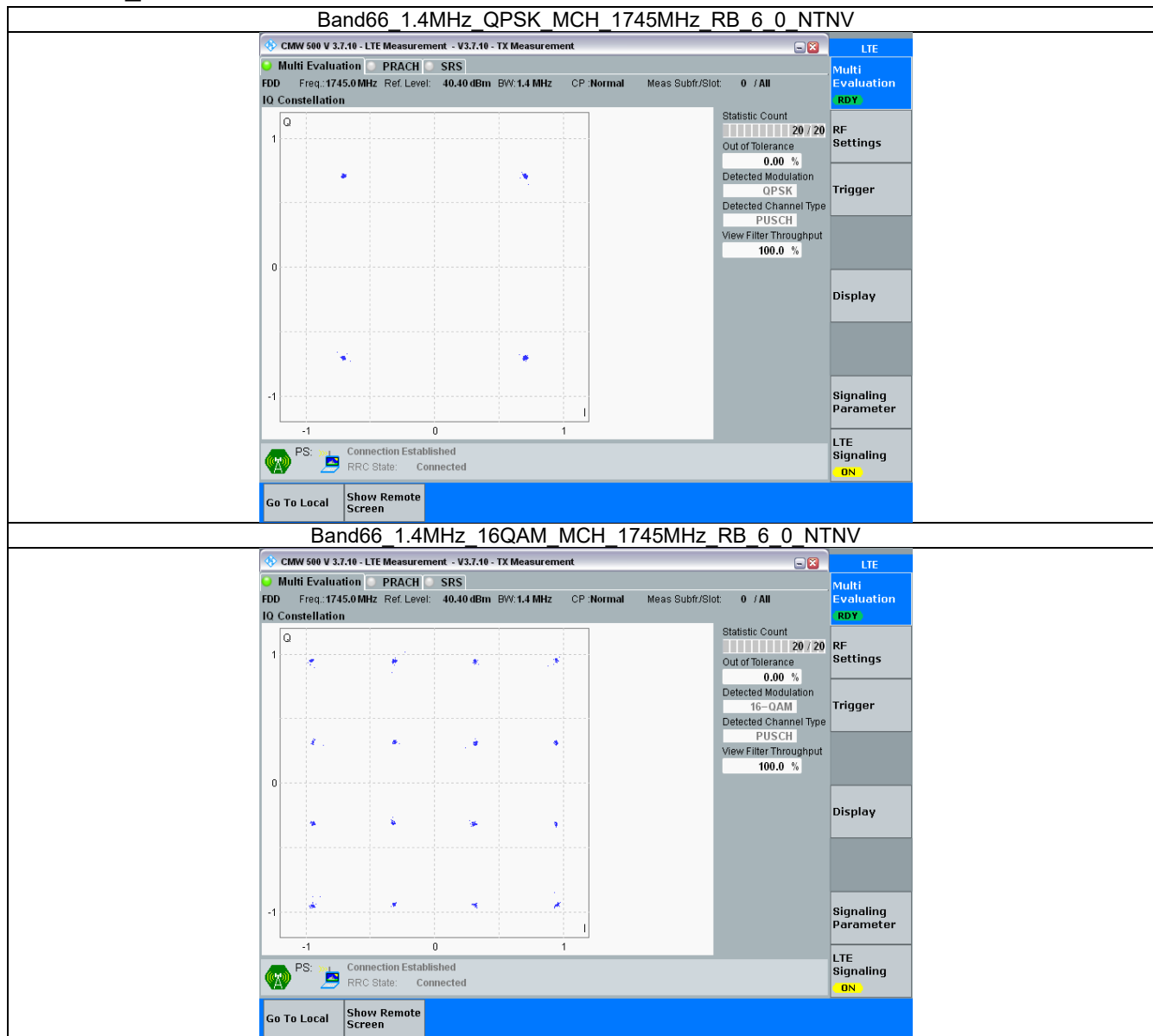
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

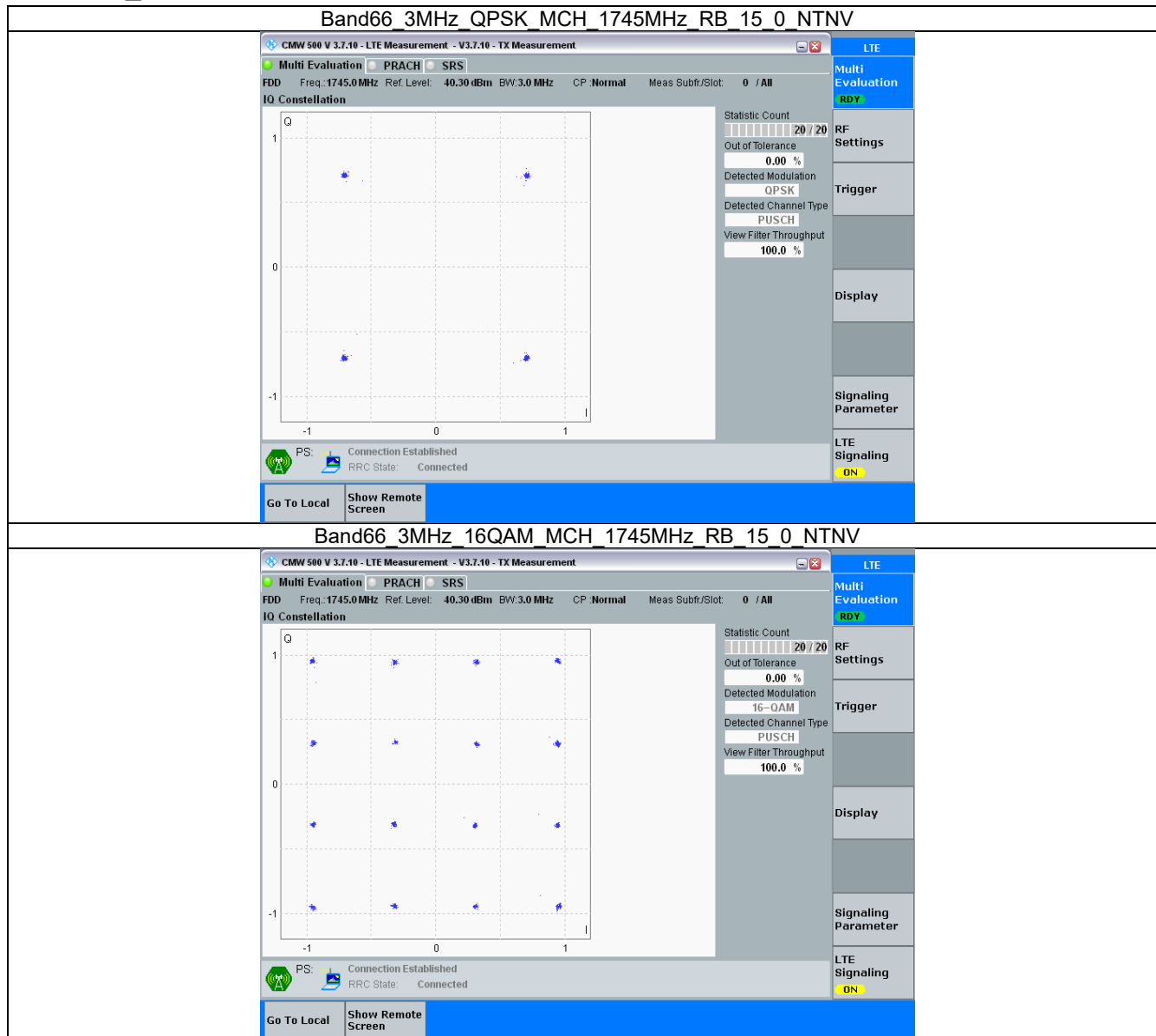
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

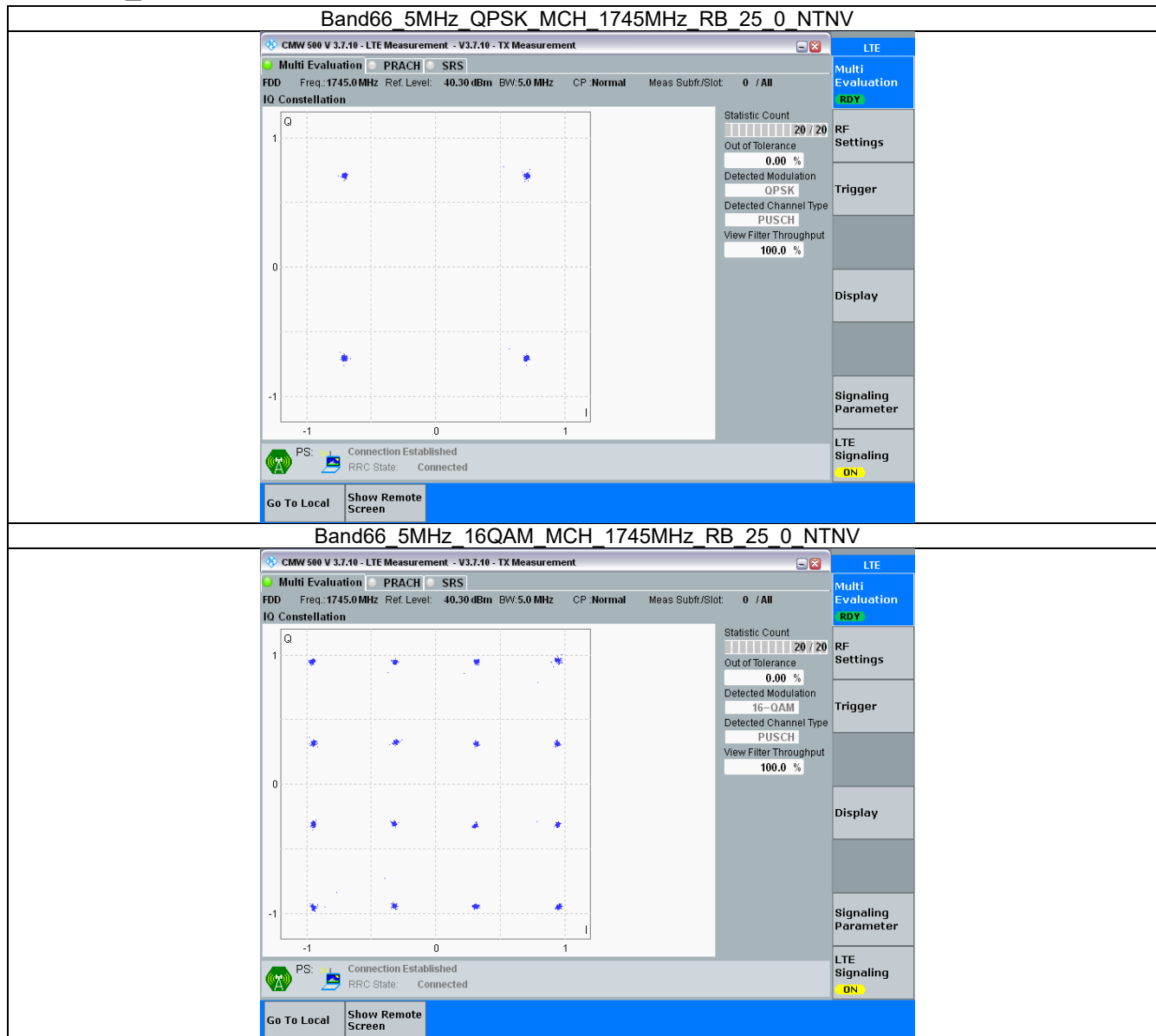
3.2.1 B66_1.4MHz



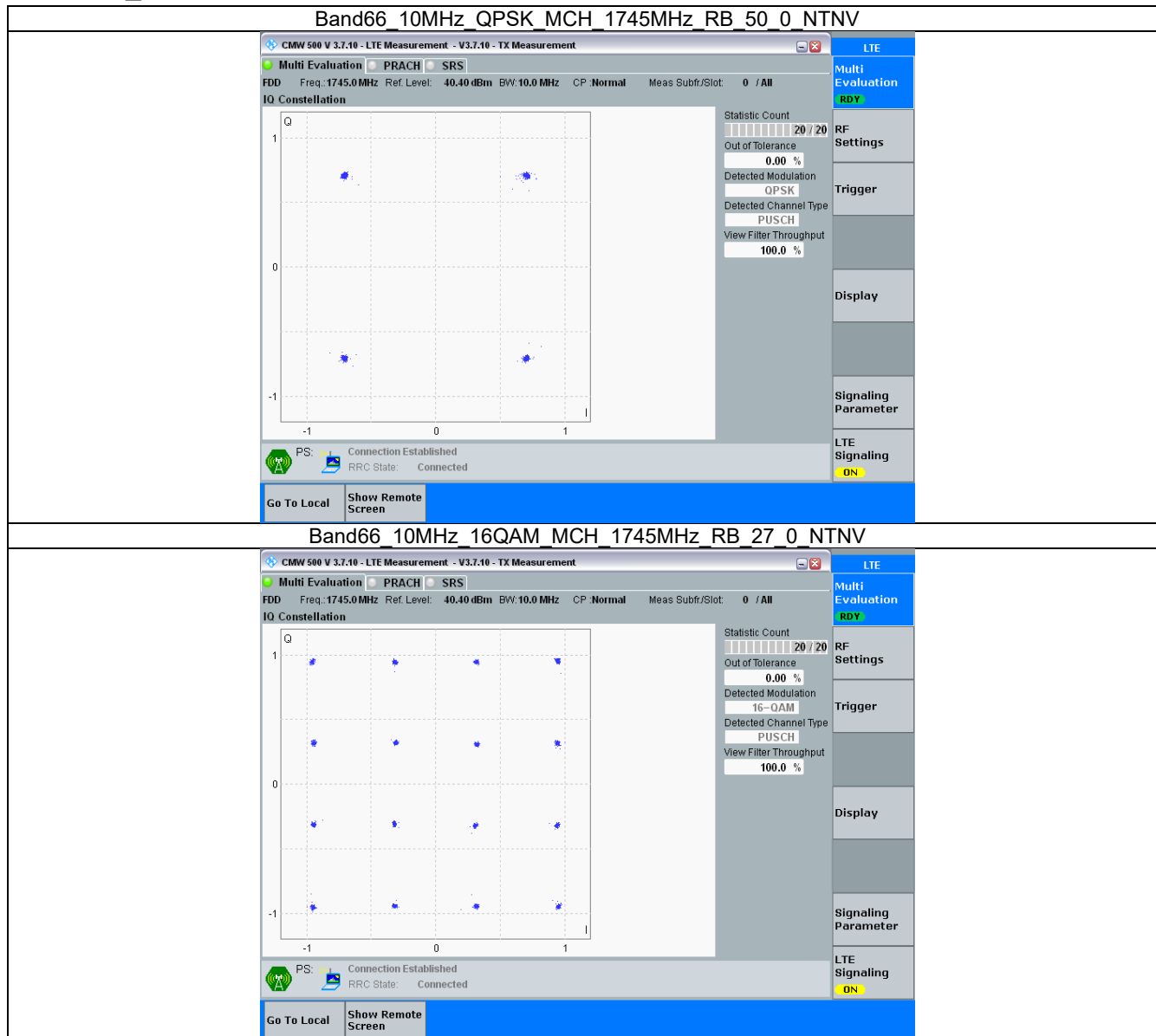
3.2.2 B66_3MHz



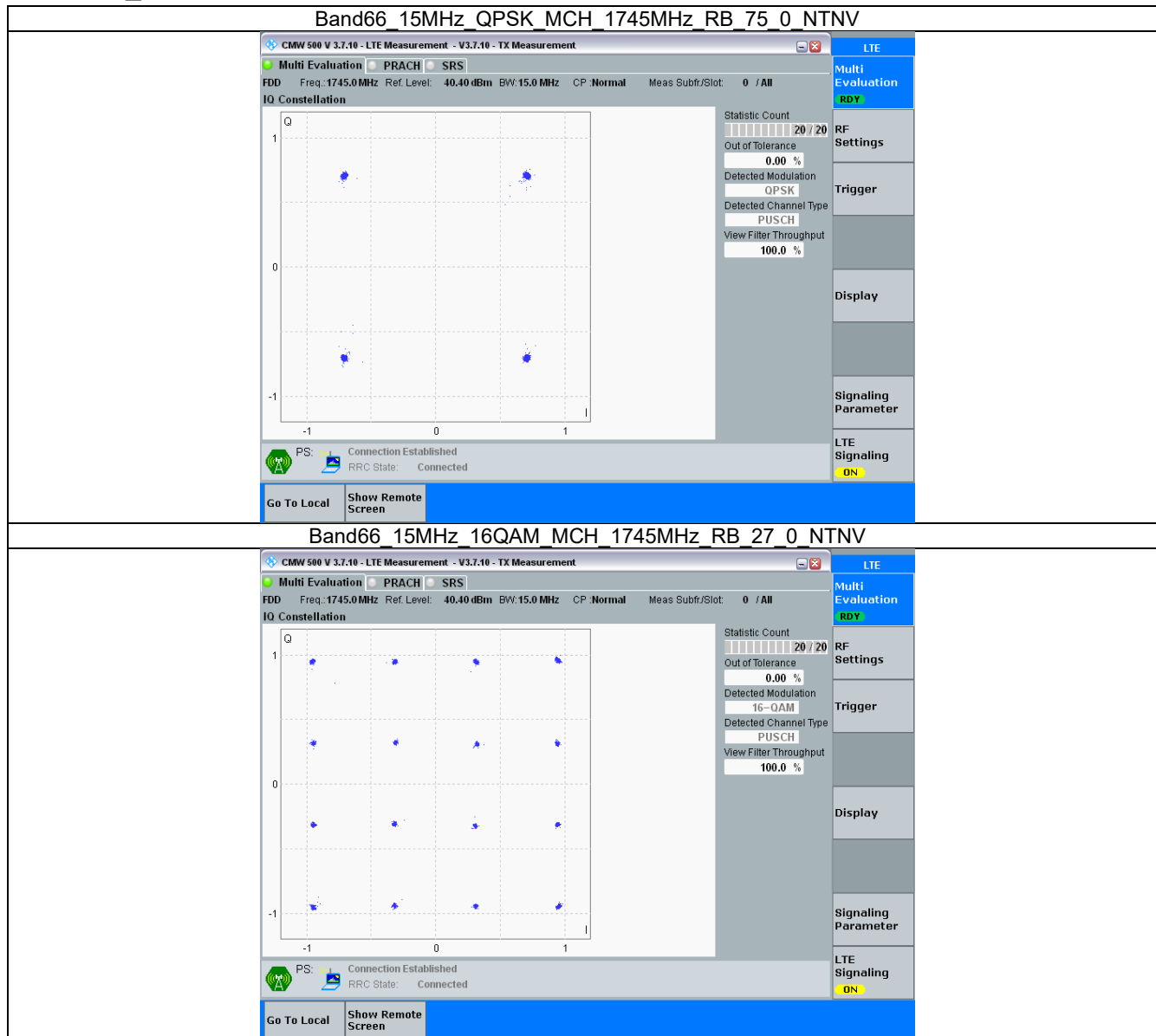
3.2.3 B66_5MHz



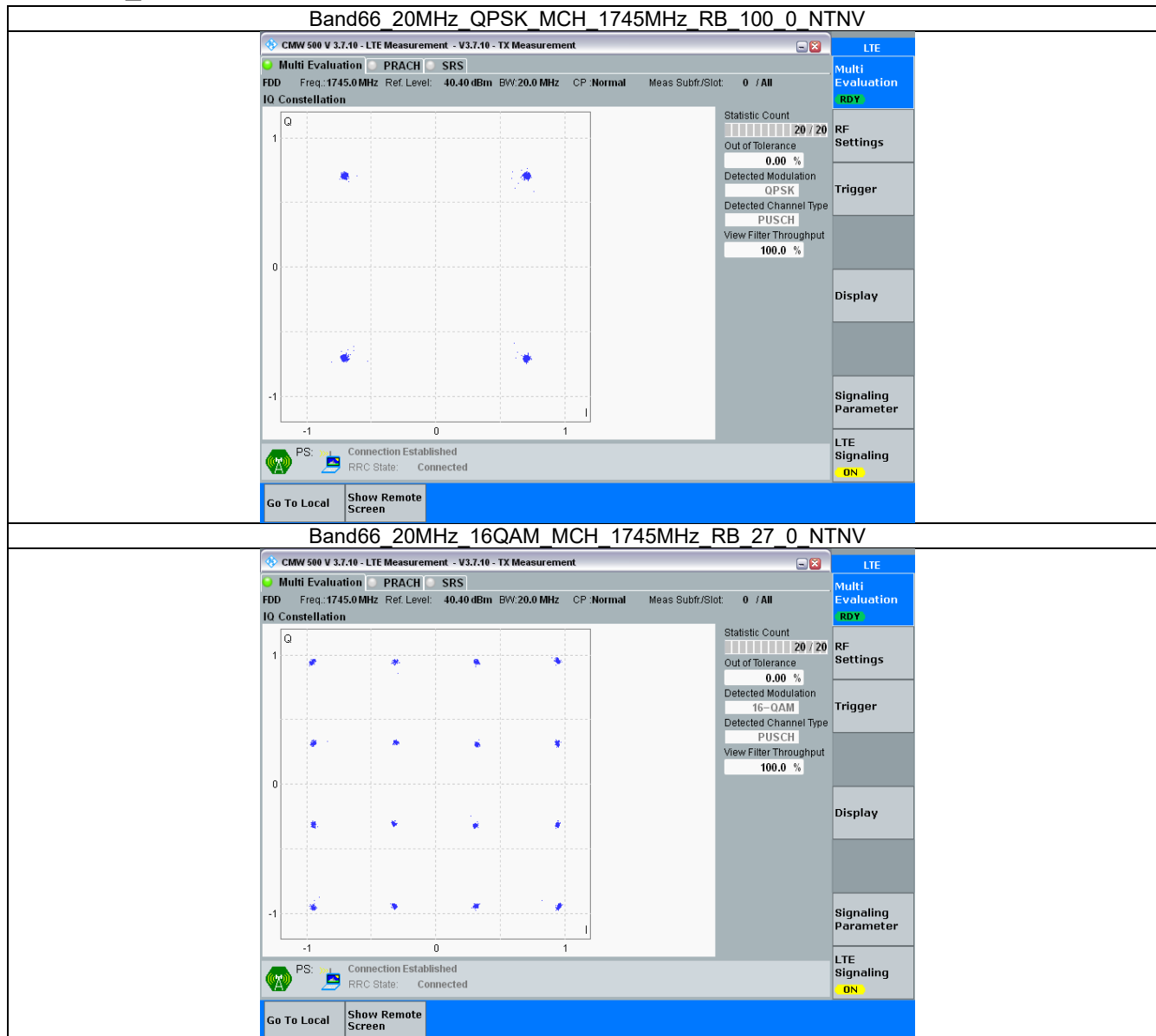
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 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	1.109	/	Pass
		1745	6	0	1.110	/	Pass
		1779.3	6	0	1.119	/	Pass
	16QAM	1710.7	6	0	1.102	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.111	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1745	15	0	2.738	/	Pass
		1778.5	15	0	2.736	/	Pass
	16QAM	1711.5	15	0	2.724	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.728	/	Pass
5	QPSK	1712.5	25	0	4.541	/	Pass
		1745	25	0	4.543	/	Pass
		1777.5	25	0	4.562	/	Pass
	16QAM	1712.5	25	0	4.553	/	Pass
		1745	25	0	4.540	/	Pass
		1777.5	25	0	4.547	/	Pass
10	QPSK	1715	50	0	9.071	/	Pass
		1745	50	0	9.045	/	Pass
		1775	50	0	9.071	/	Pass
	16QAM	1715	27	0	5.100	/	Pass
		1745	27	0	5.064	/	Pass
		1775	27	23	5.084	/	Pass
15	QPSK	1717.5	75	0	13.566	/	Pass
		1745	75	0	13.574	/	Pass
		1772.5	75	0	13.630	/	Pass
	16QAM	1717.5	27	0	5.406	/	Pass
		1745	27	0	5.336	/	Pass
		1772.5	27	48	5.302	/	Pass
20	QPSK	1720	100	0	18.108	/	Pass
		1745	100	0	18.131	/	Pass
		1770	100	0	18.155	/	Pass
	16QAM	1720	27	0	5.548	/	Pass
		1745	27	0	5.546	/	Pass
		1770	27	73	5.595	/	Pass

4.1.2 Band66_XDB

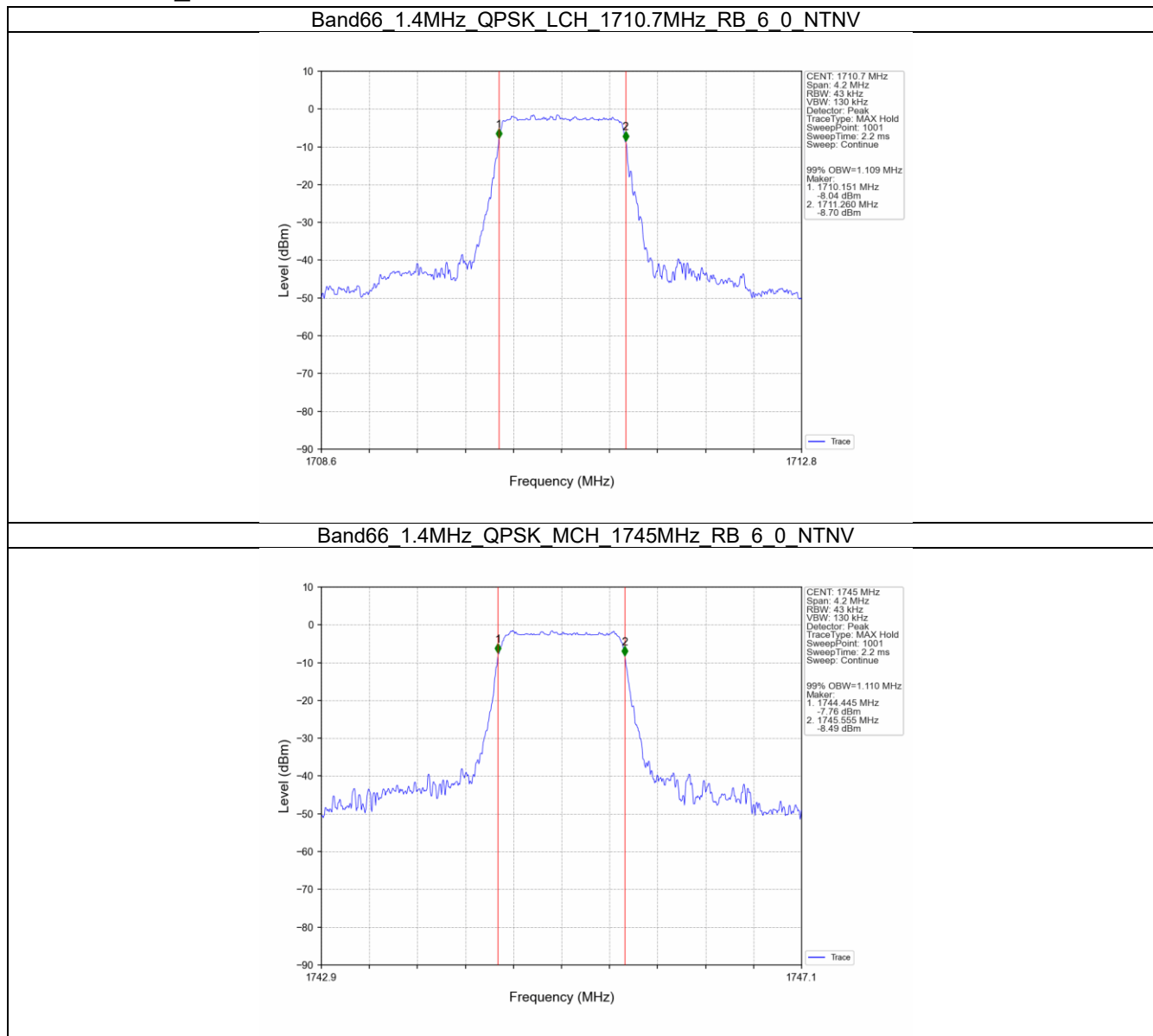
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.330	/	Pass
		1745	6	0	1.317	/	Pass
		1779.3	6	0	1.306	/	Pass



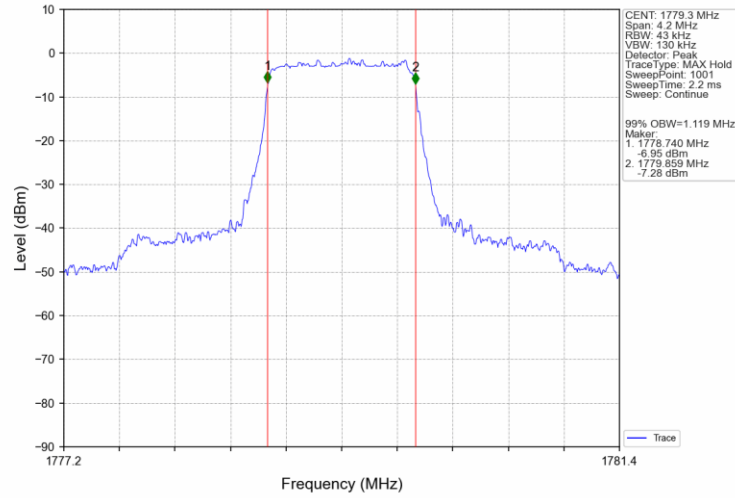
	16QAM	1710.7	6	0	1.311	/	Pass
		1745	6	0	1.311	/	Pass
		1779.3	6	0	1.323	/	Pass
3	QPSK	1711.5	15	0	3.011	/	Pass
		1745	15	0	3.012	/	Pass
		1778.5	15	0	3.017	/	Pass
	16QAM	1711.5	15	0	3.028	/	Pass
		1745	15	0	3.039	/	Pass
		1778.5	15	0	2.994	/	Pass
5	QPSK	1712.5	25	0	5.057	/	Pass
		1745	25	0	5.102	/	Pass
		1777.5	25	0	5.040	/	Pass
	16QAM	1712.5	25	0	5.074	/	Pass
		1745	25	0	5.013	/	Pass
		1777.5	25	0	5.081	/	Pass
10	QPSK	1715	50	0	10.003	/	Pass
		1745	50	0	9.979	/	Pass
		1775	50	0	9.982	/	Pass
	16QAM	1715	27	0	6.177	/	Pass
		1745	27	0	6.171	/	Pass
		1775	27	23	5.994	/	Pass
15	QPSK	1717.5	75	0	15.006	/	Pass
		1745	75	0	14.834	/	Pass
		1772.5	75	0	14.988	/	Pass
	16QAM	1717.5	27	0	6.607	/	Pass
		1745	27	0	6.599	/	Pass
		1772.5	27	48	6.535	/	Pass
20	QPSK	1720	100	0	19.866	/	Pass
		1745	100	0	19.778	/	Pass
		1770	100	0	19.677	/	Pass
	16QAM	1720	27	0	7.084	/	Pass
		1745	27	0	6.989	/	Pass
		1770	27	73	7.070	/	Pass

4.2 Test Graph

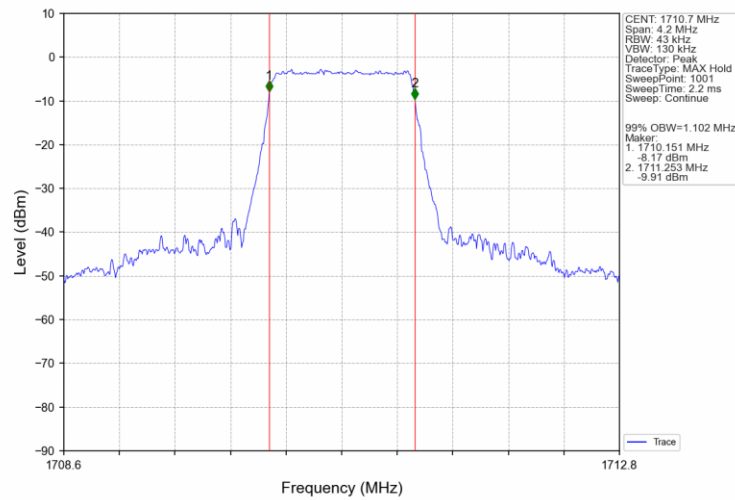
4.2.1 Band66_OBW



Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN

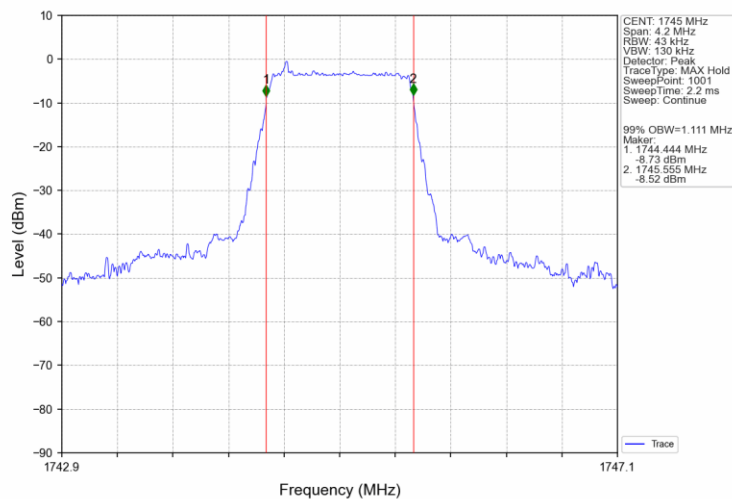


Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN

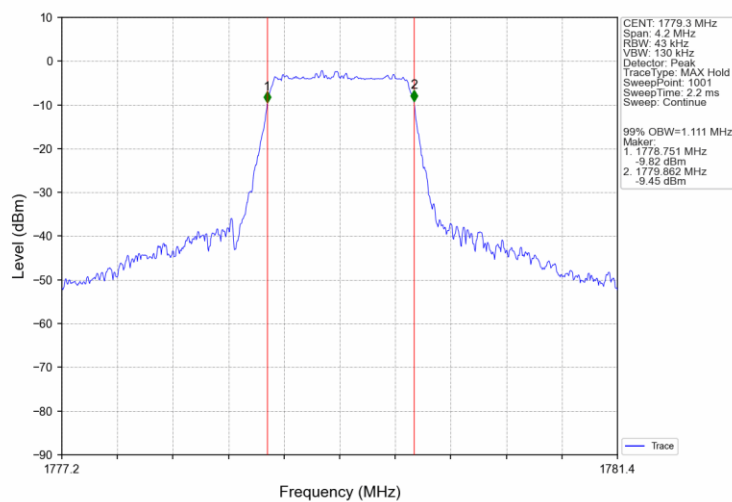




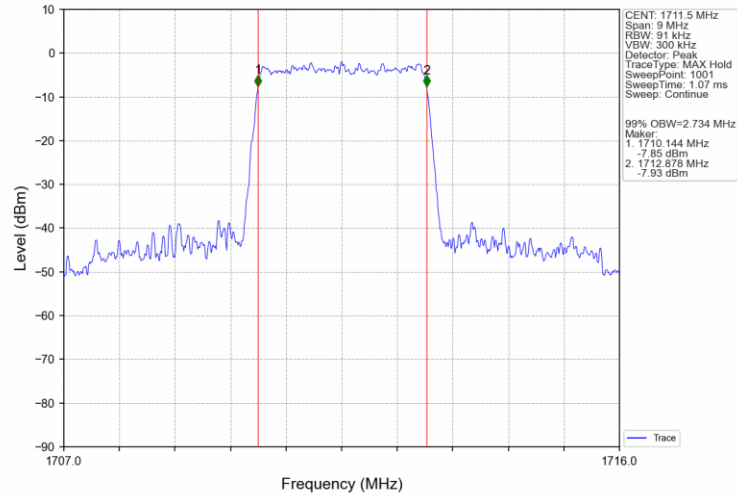
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



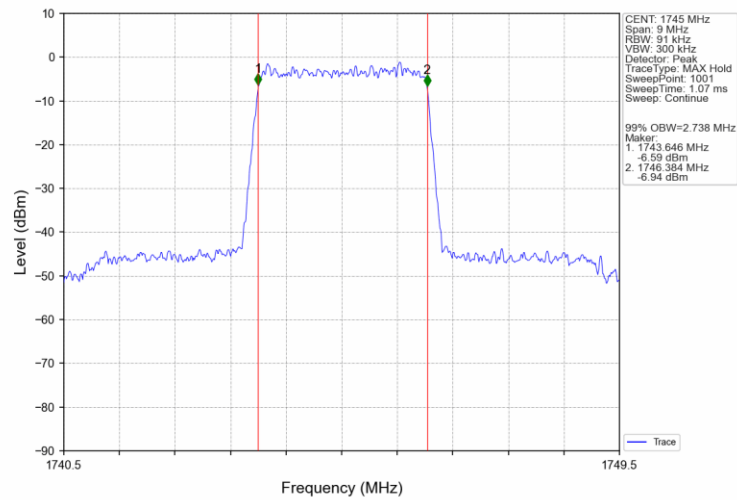
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



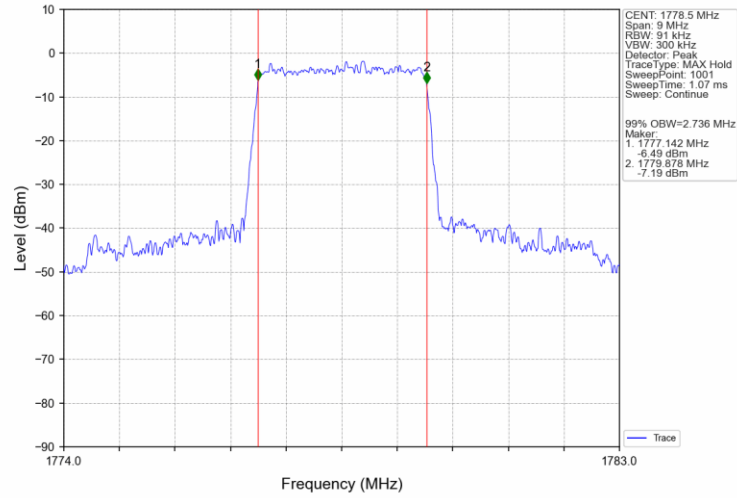
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



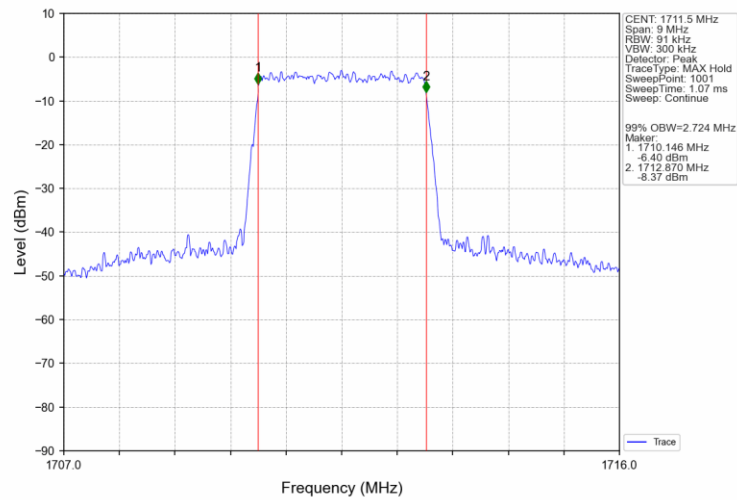
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

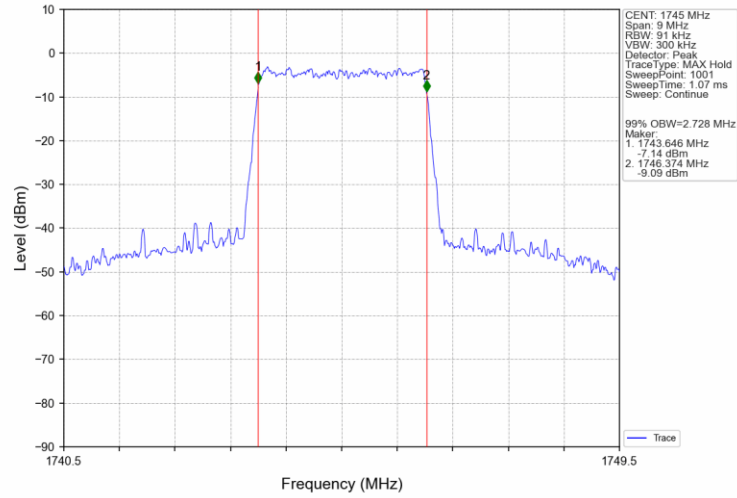


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

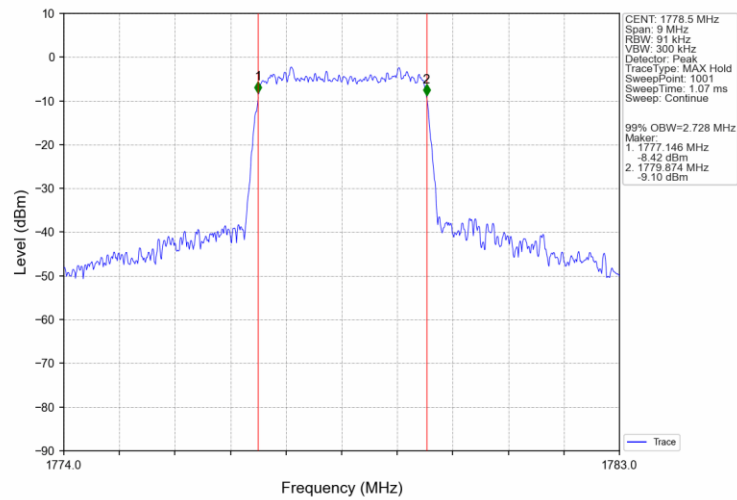




Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

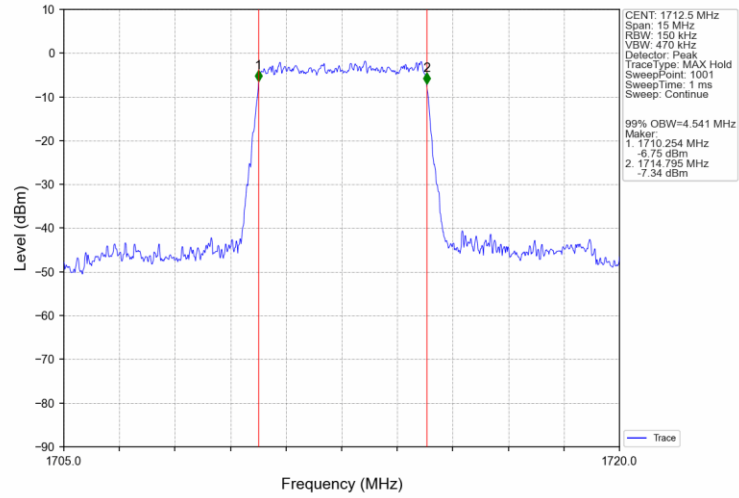


Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

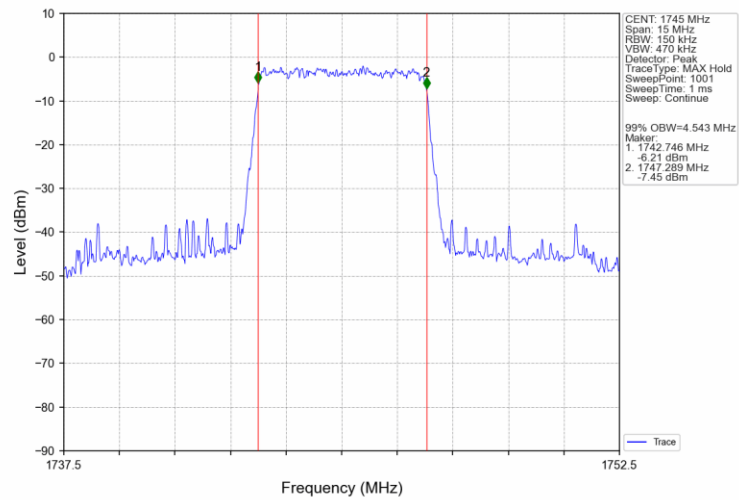




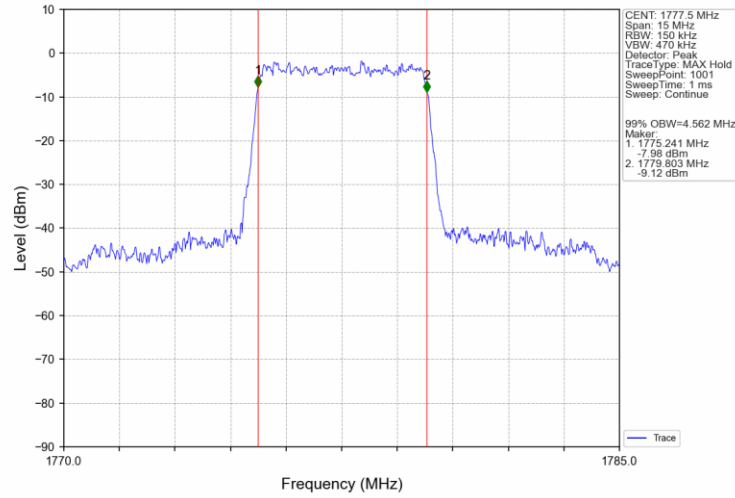
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



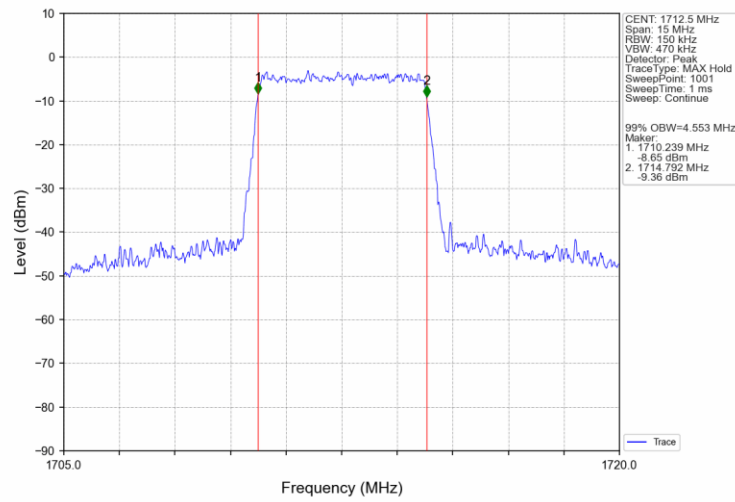
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



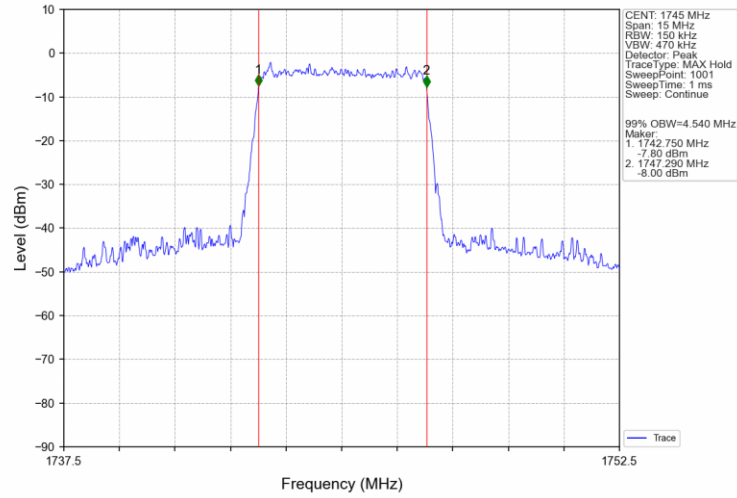
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



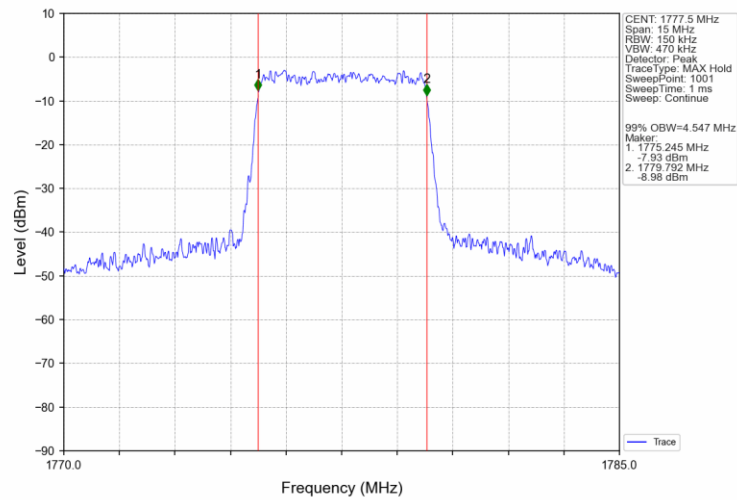
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

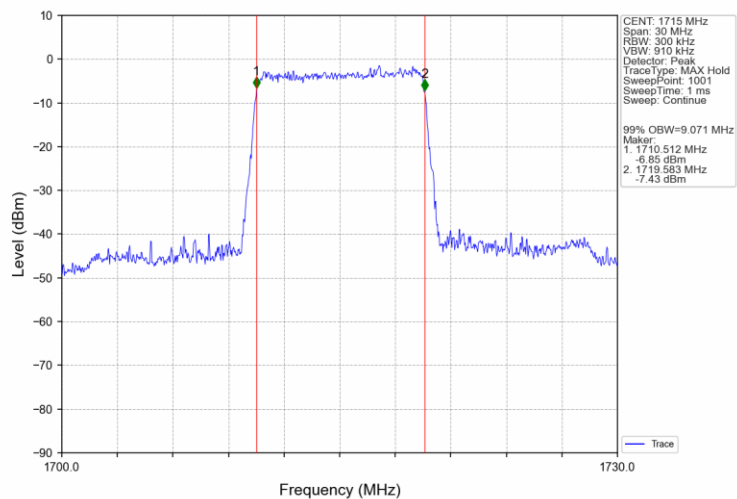


Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

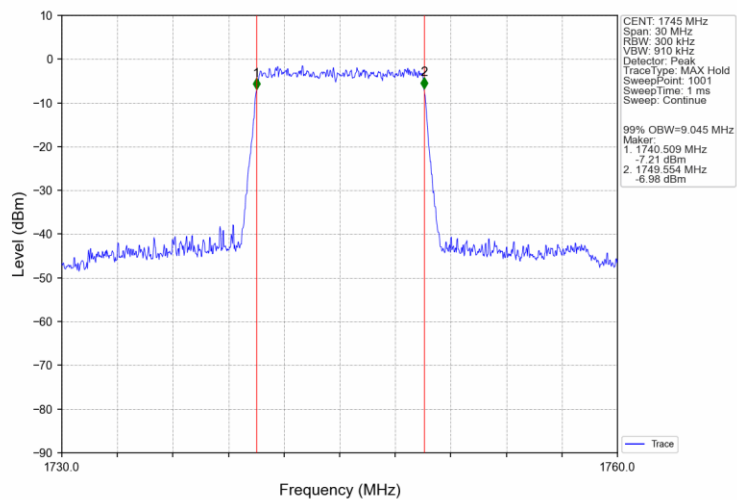




Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

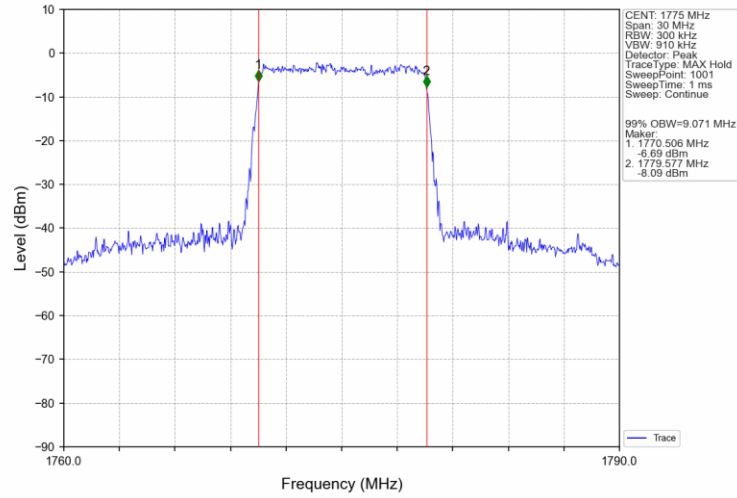


Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

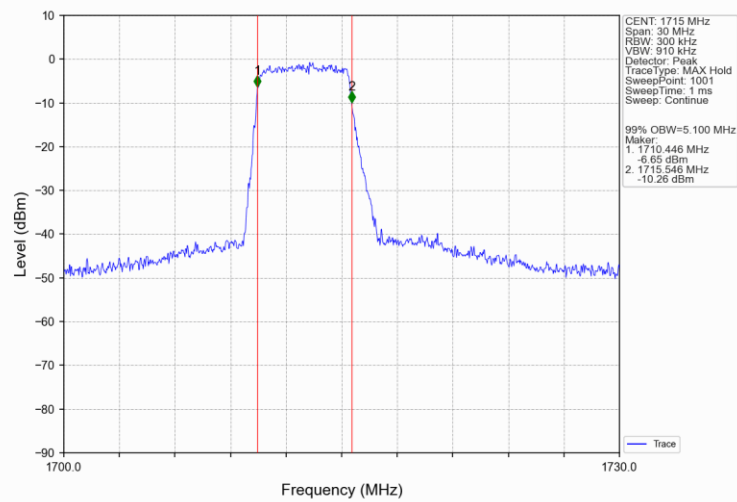




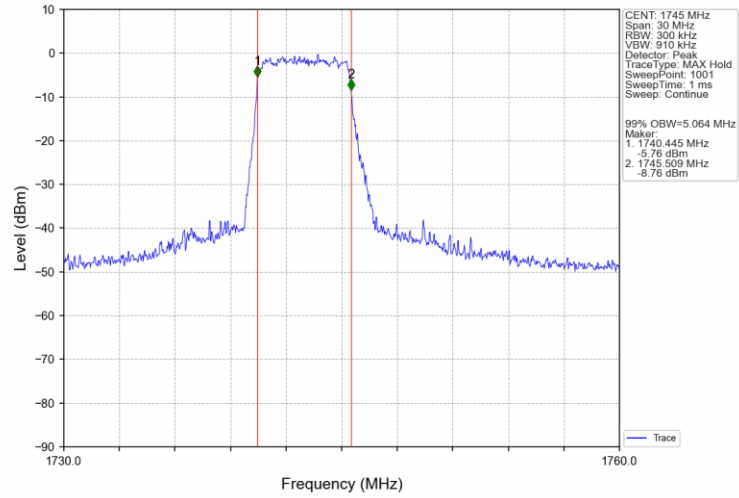
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



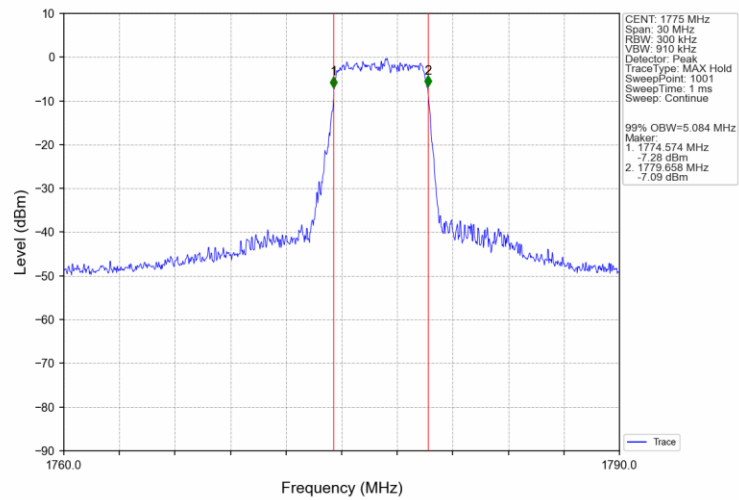
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV

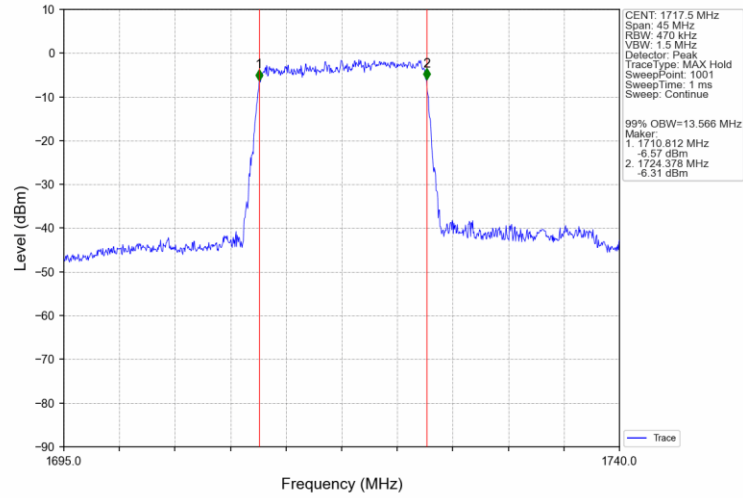


Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV

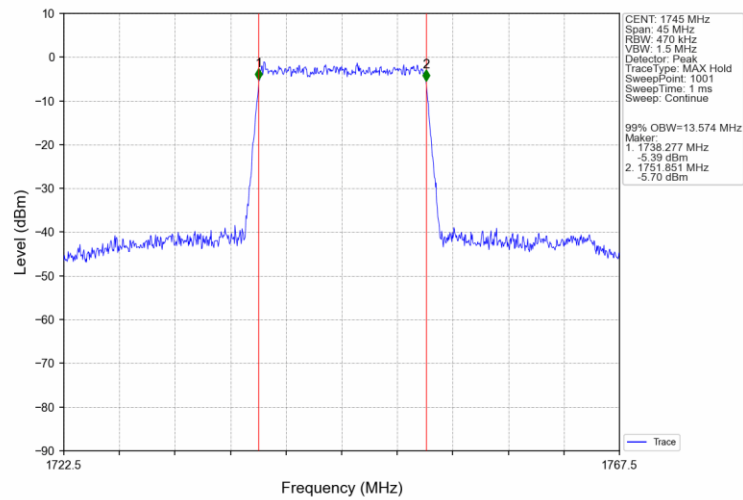




Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

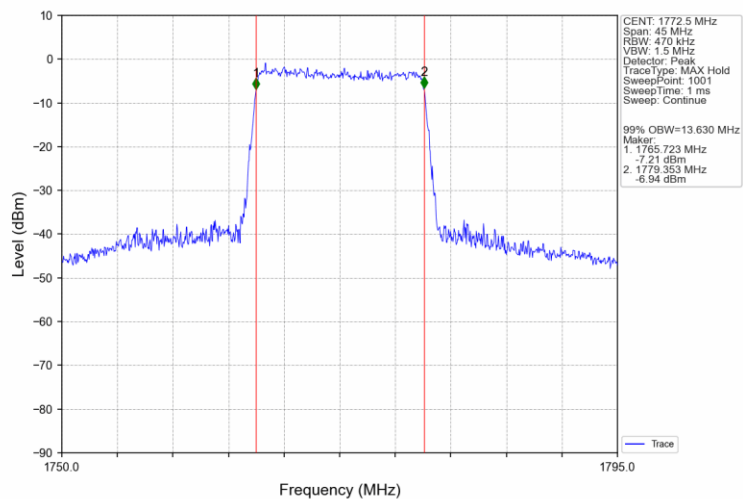


Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

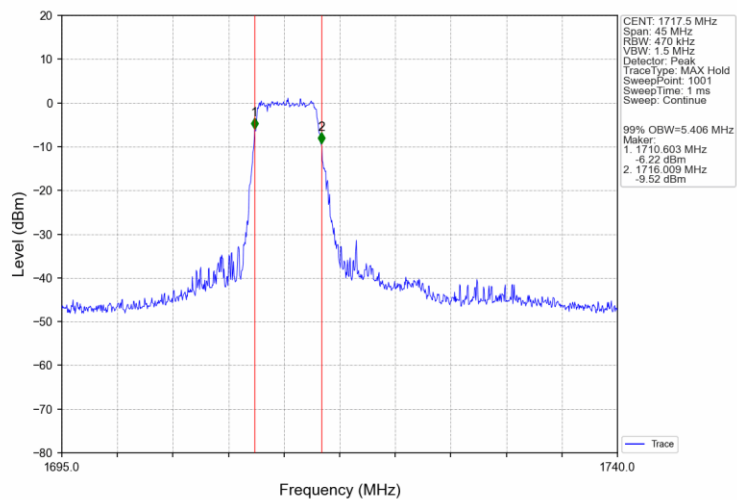




Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV

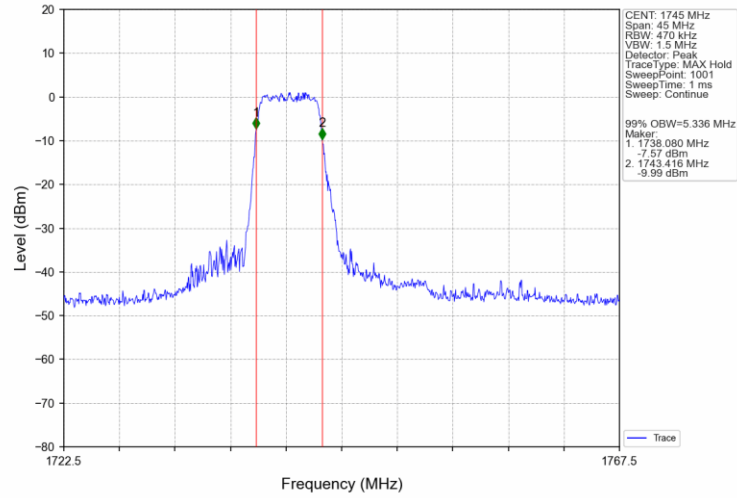


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV

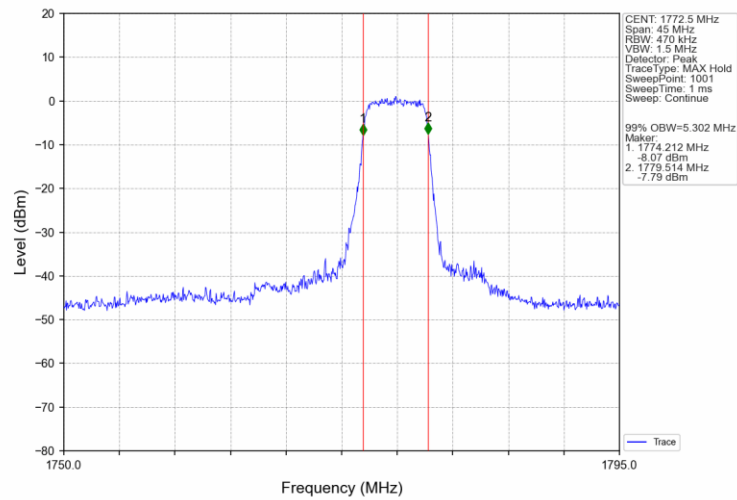




Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0 NTNv

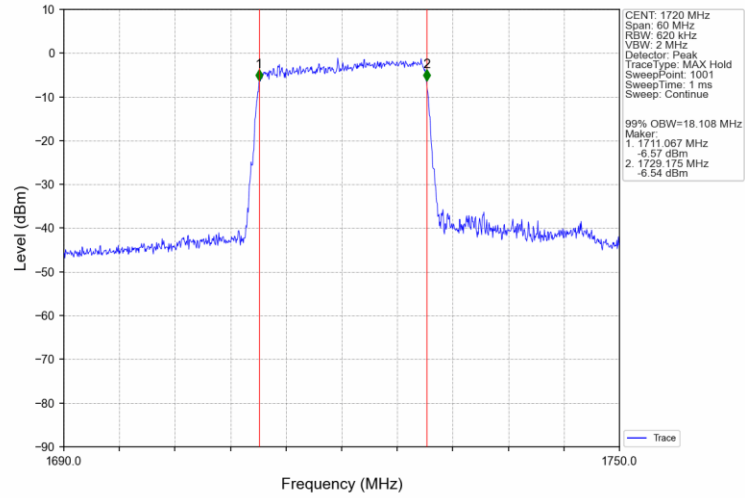


Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48 NTNv

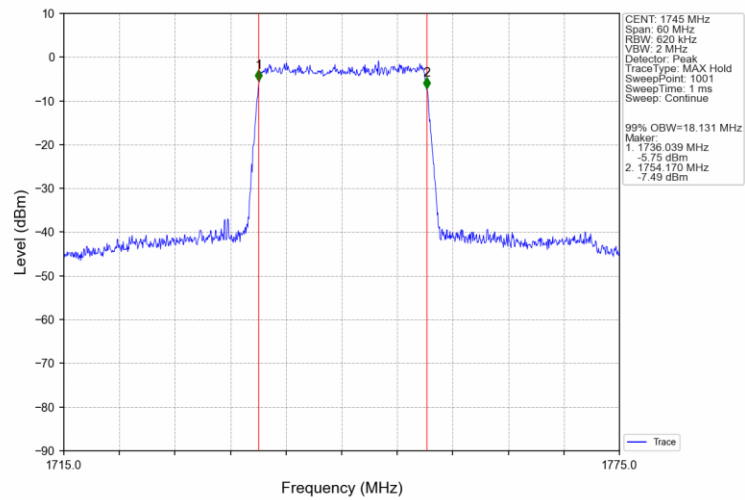




Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

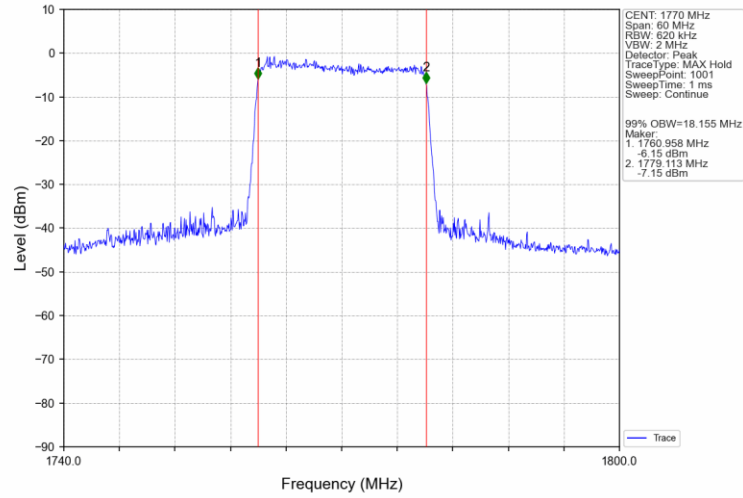


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

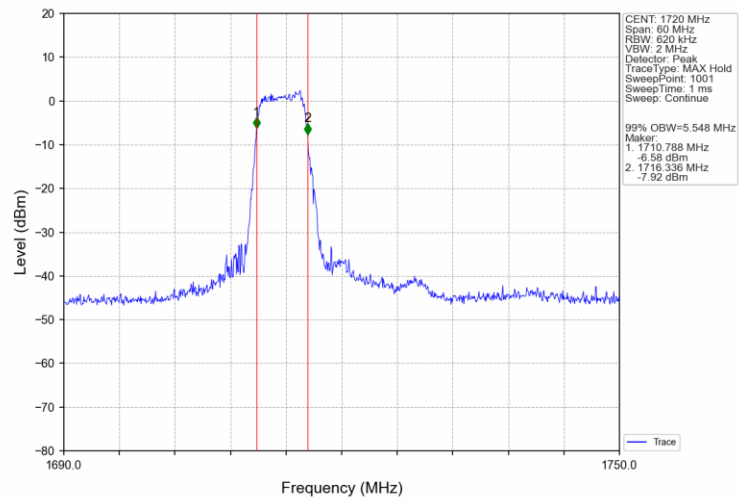




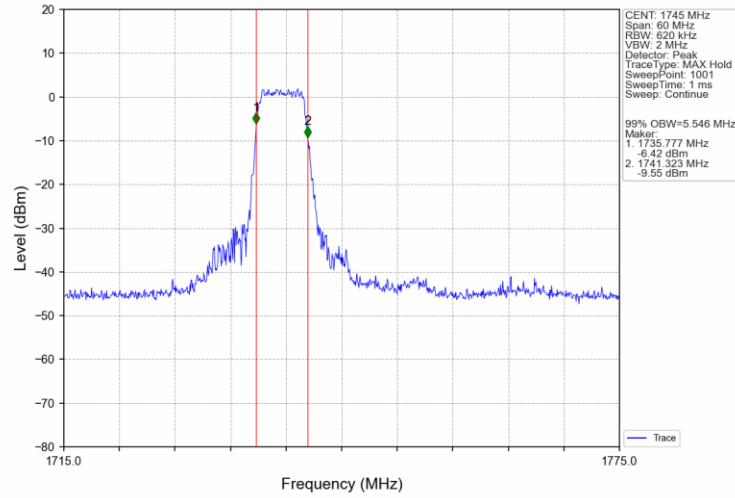
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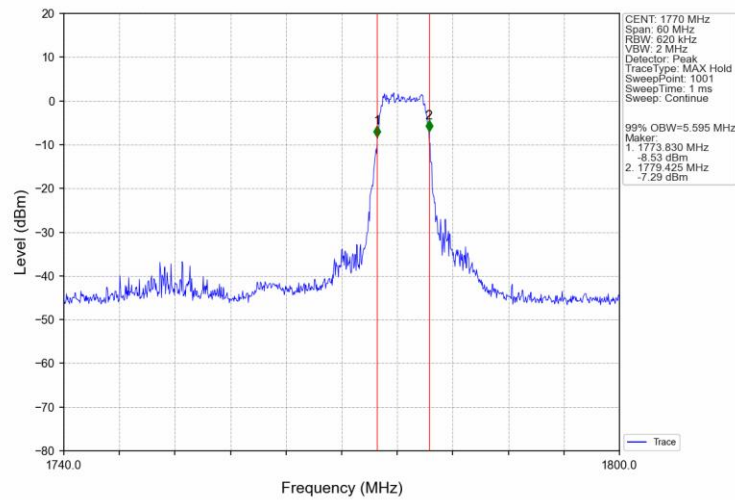
Band66 20MHz_16QAM_LCH_1720MHz_RB_27_0 NTN



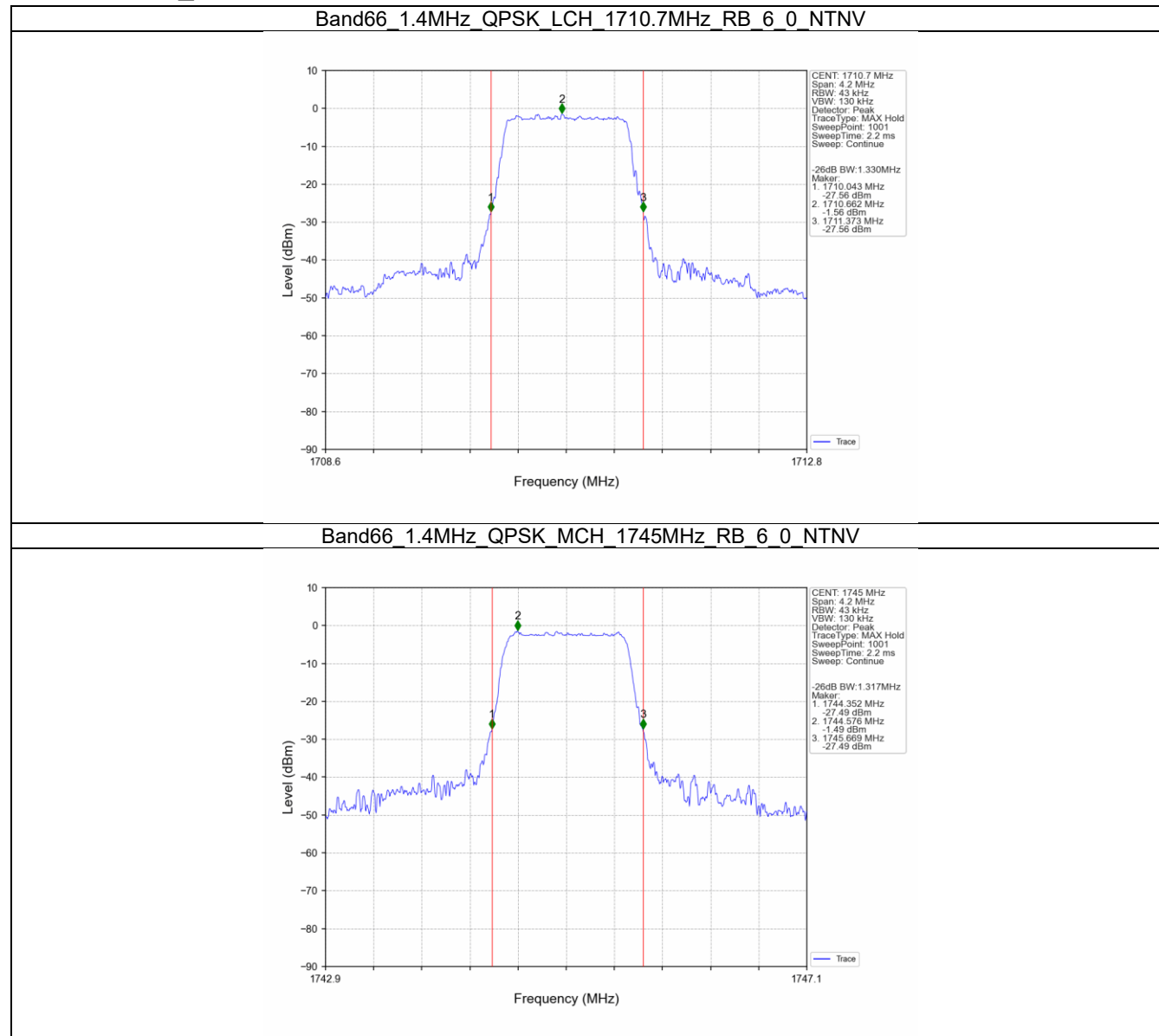
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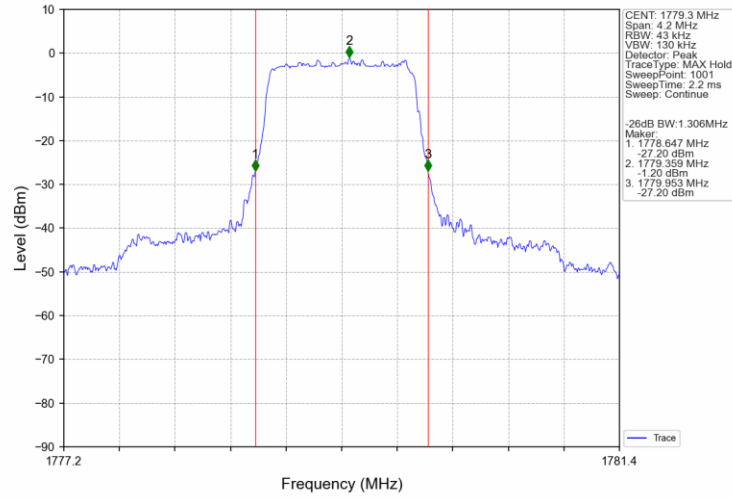
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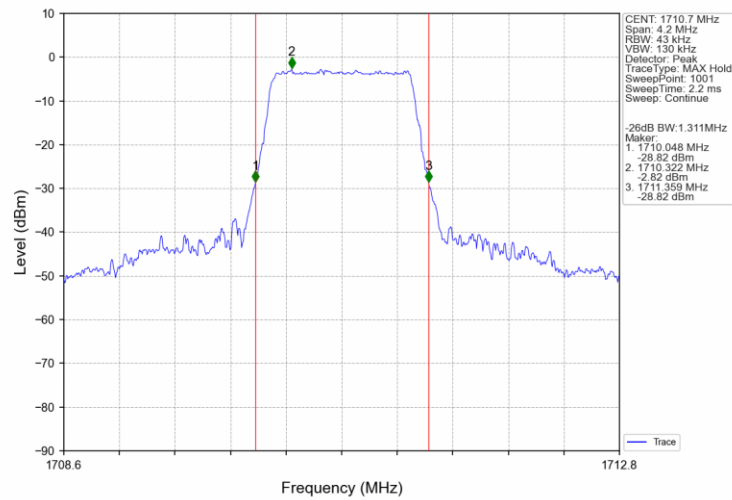
4.2.2 Band66_XDB



Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN

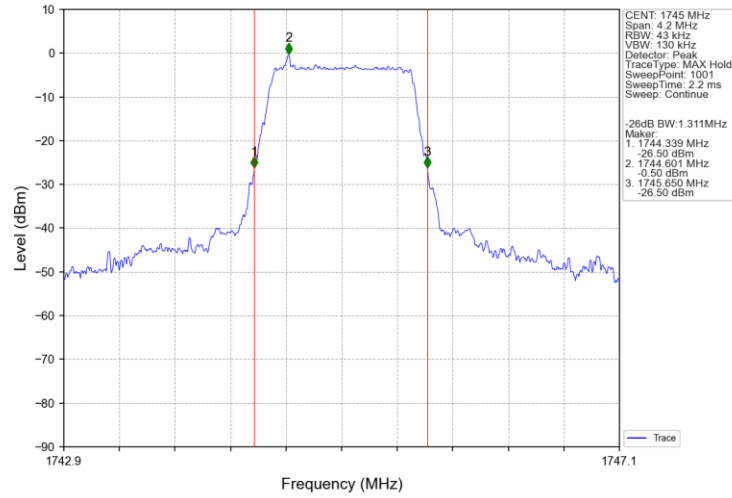


Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN

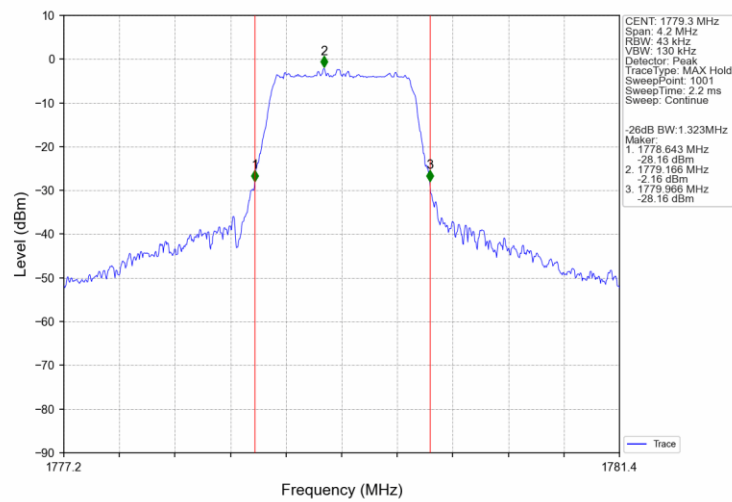




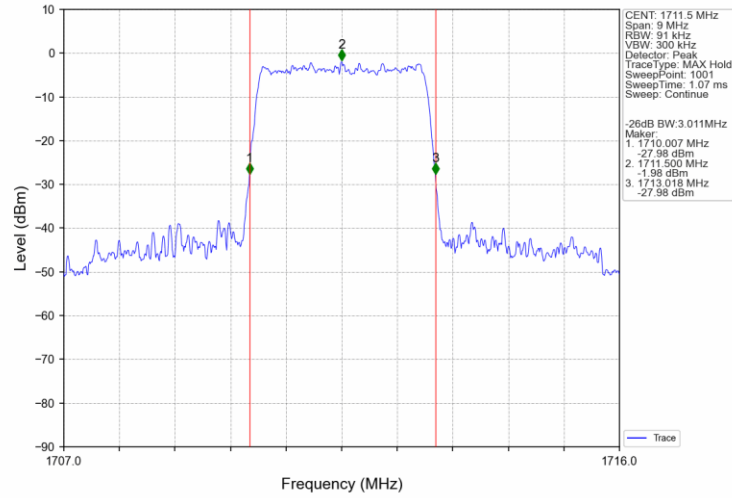
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



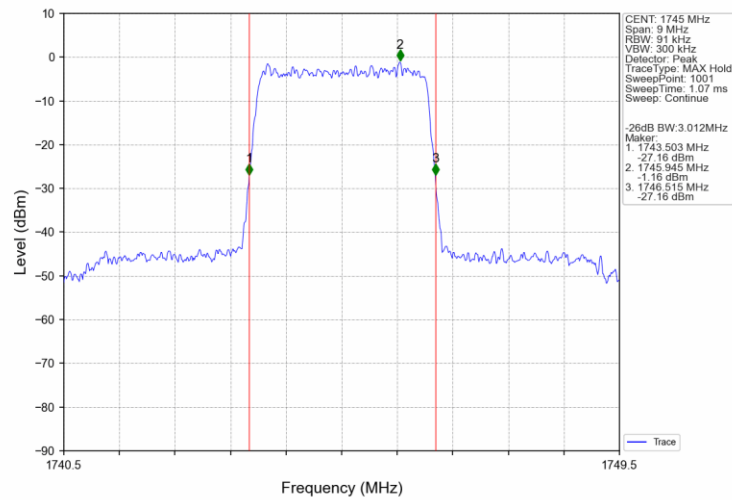
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



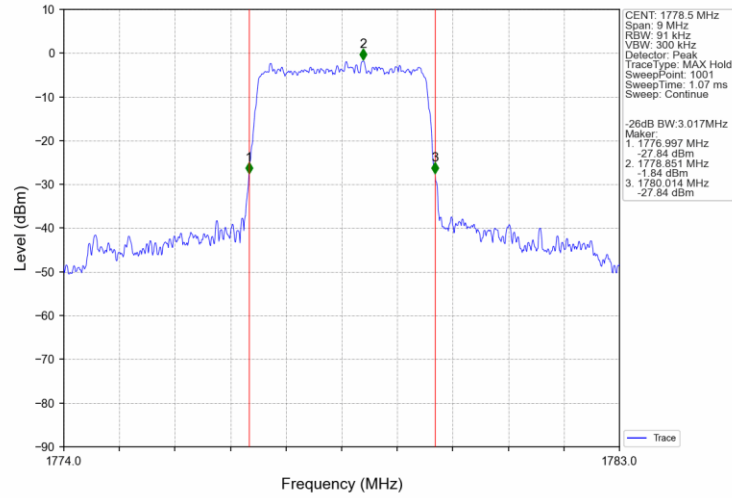
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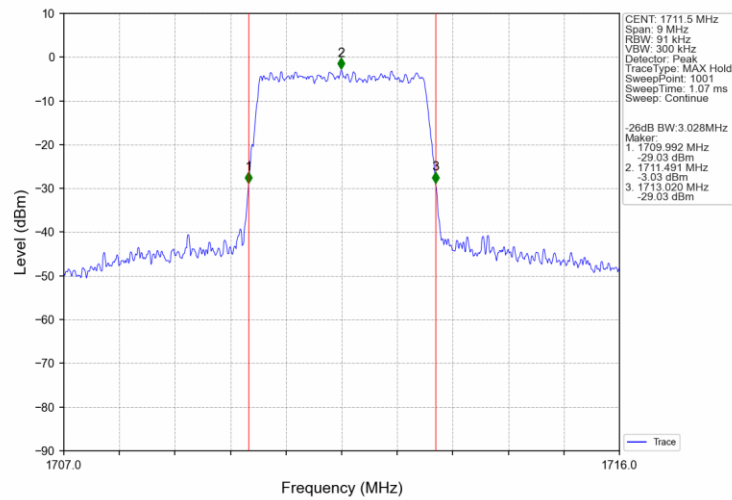
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

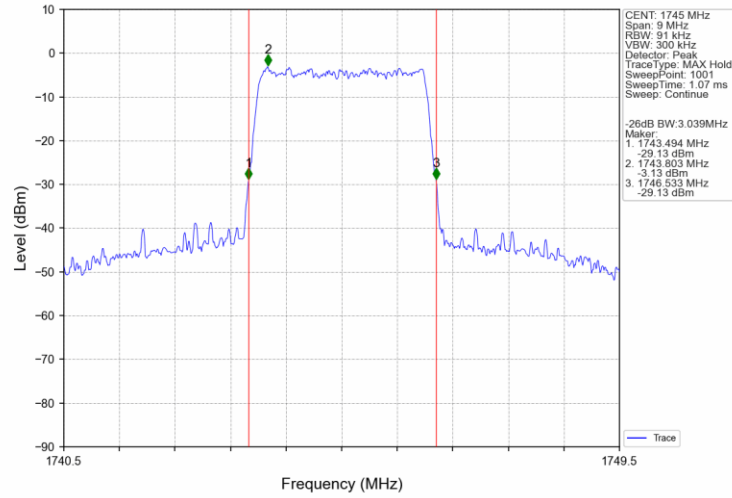


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

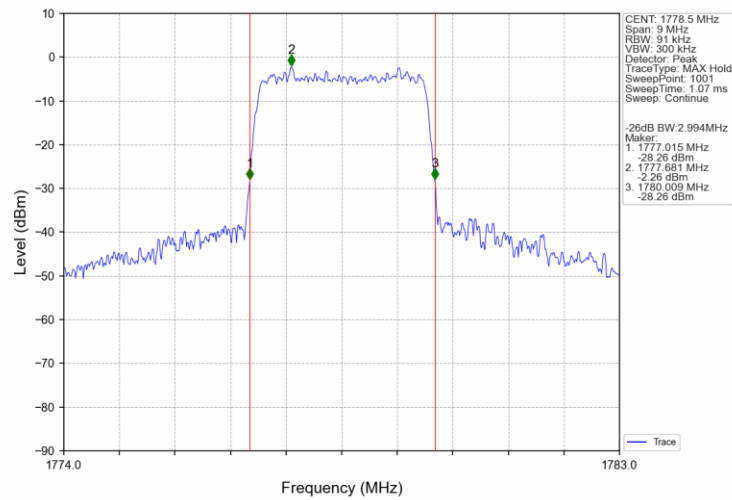




Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

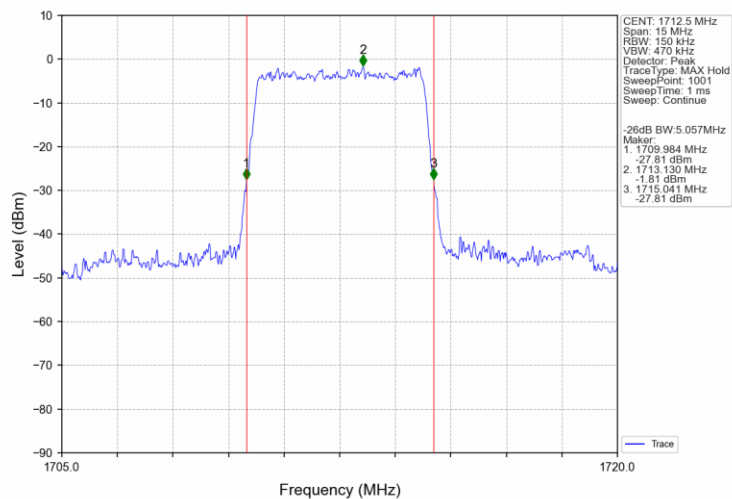


Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

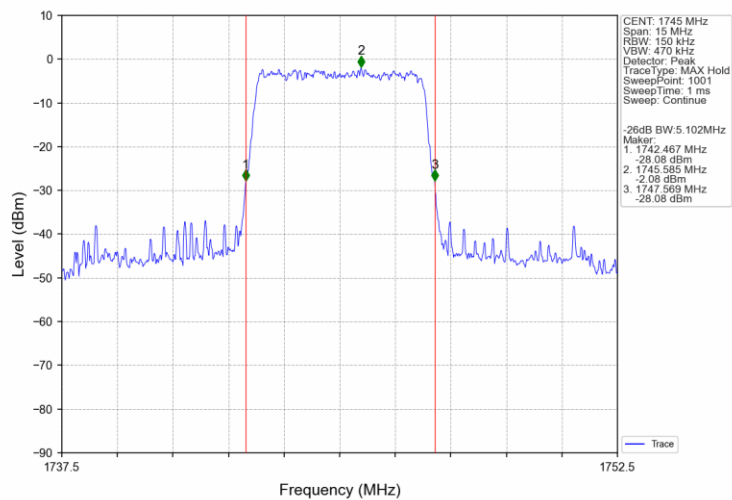




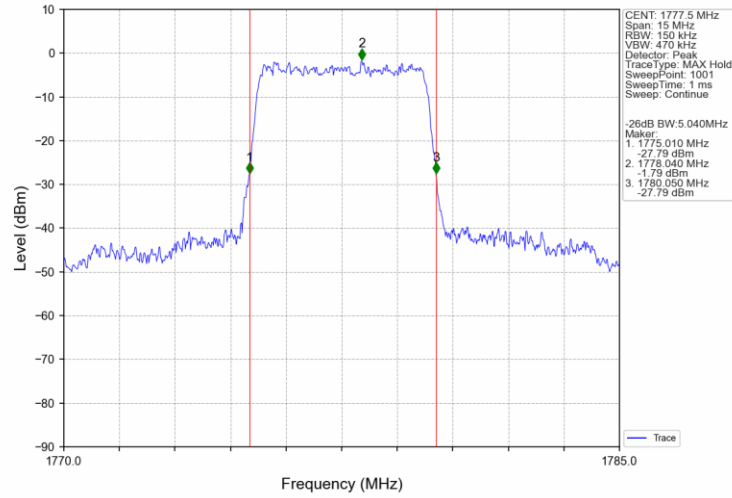
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



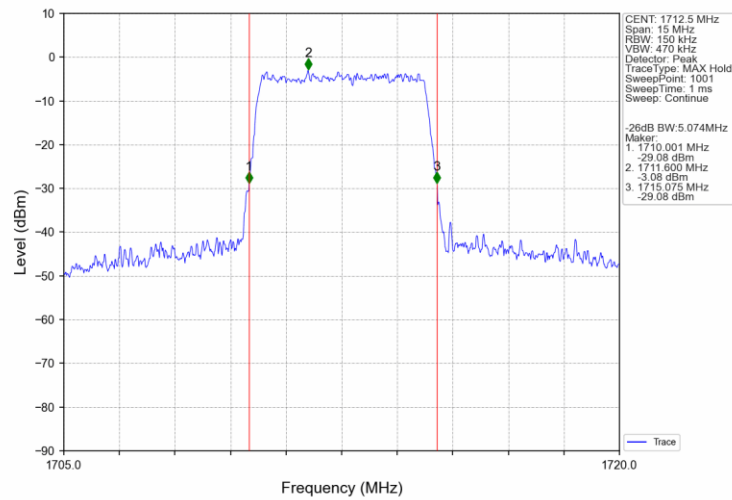
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV

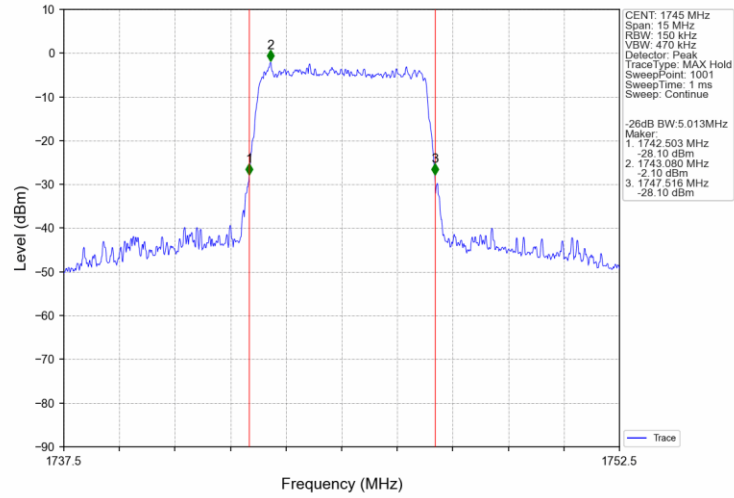


Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

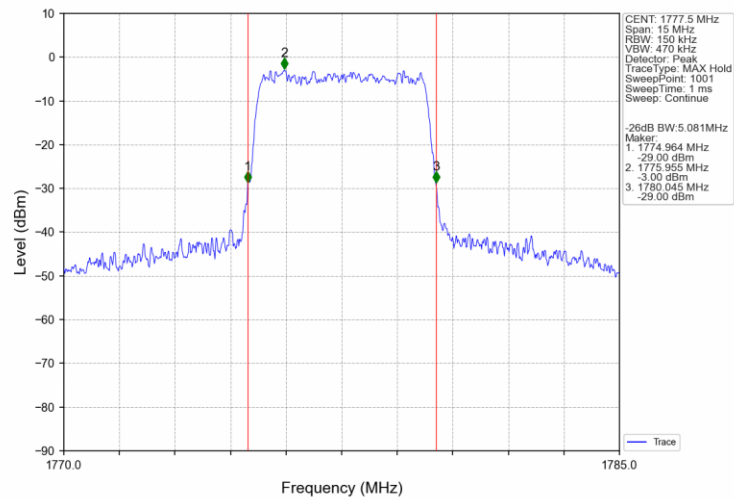




Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

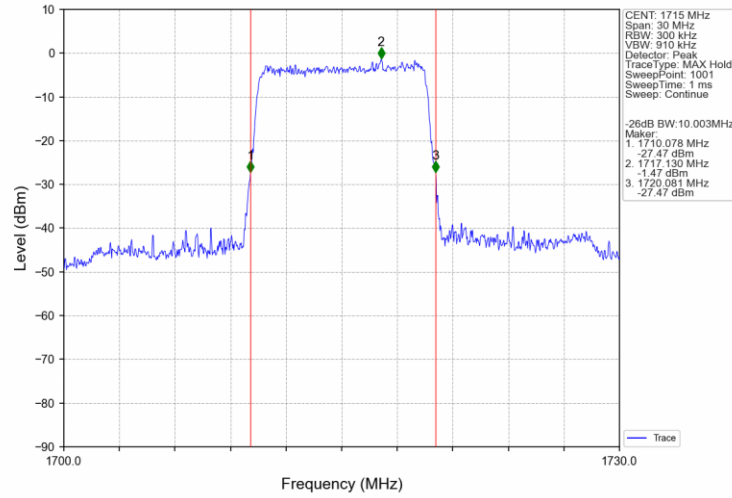


Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

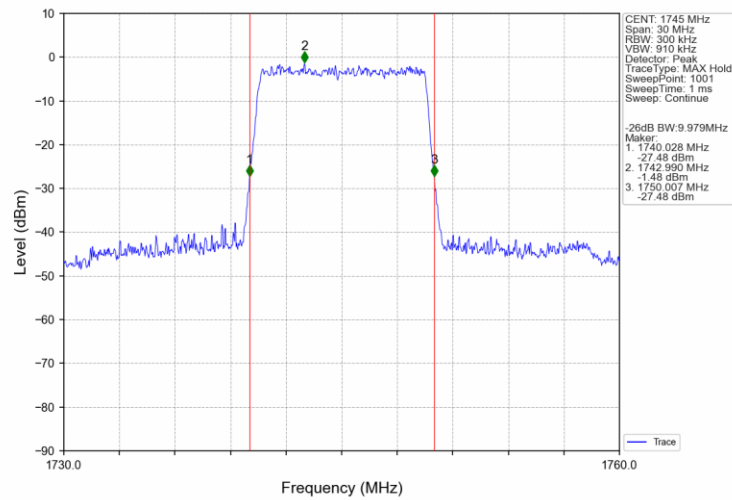




Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

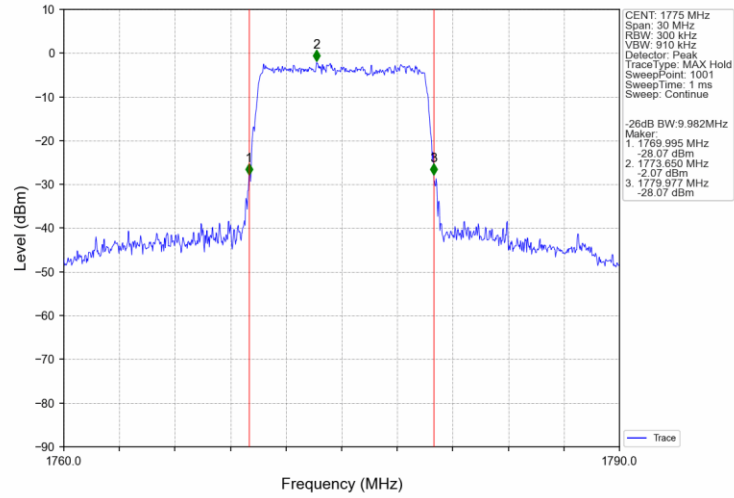


Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

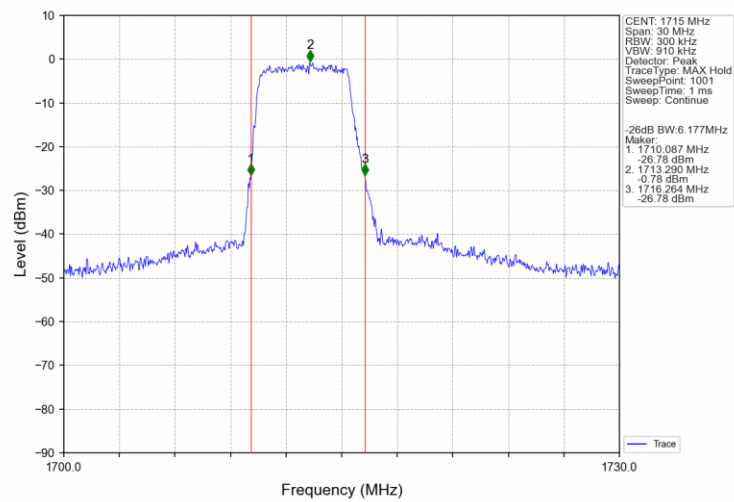




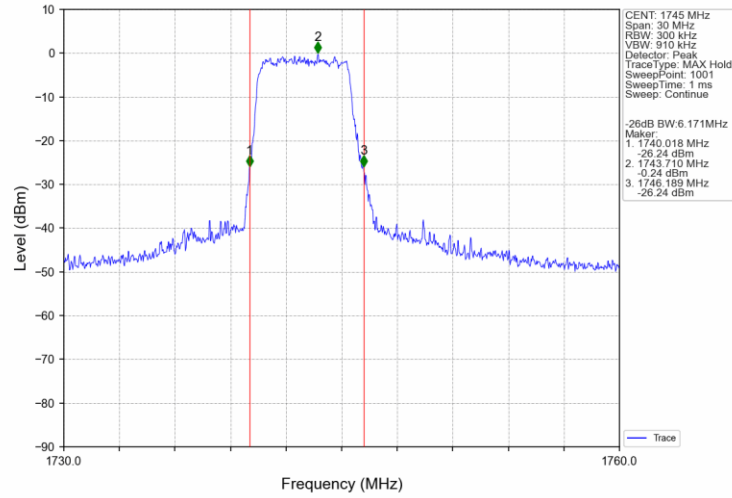
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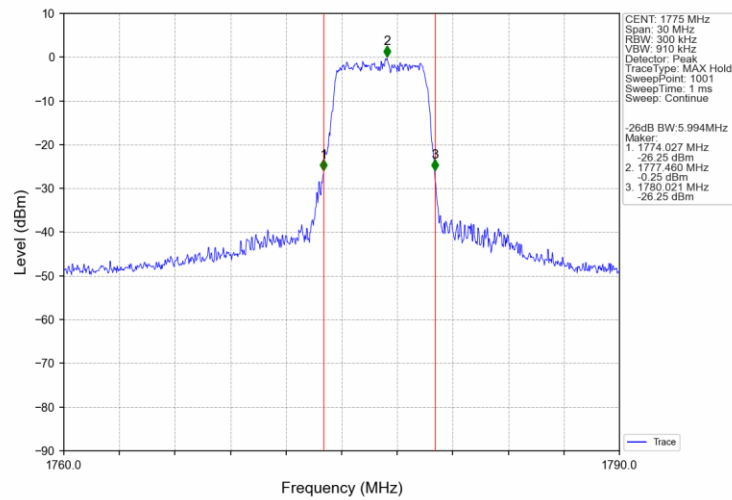
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



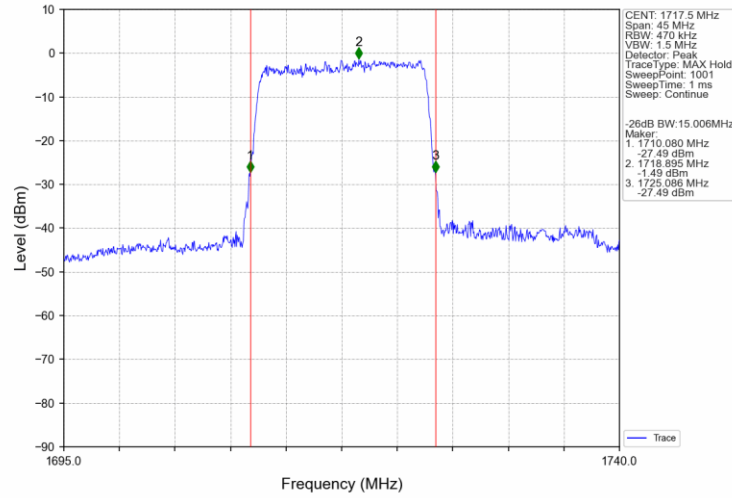
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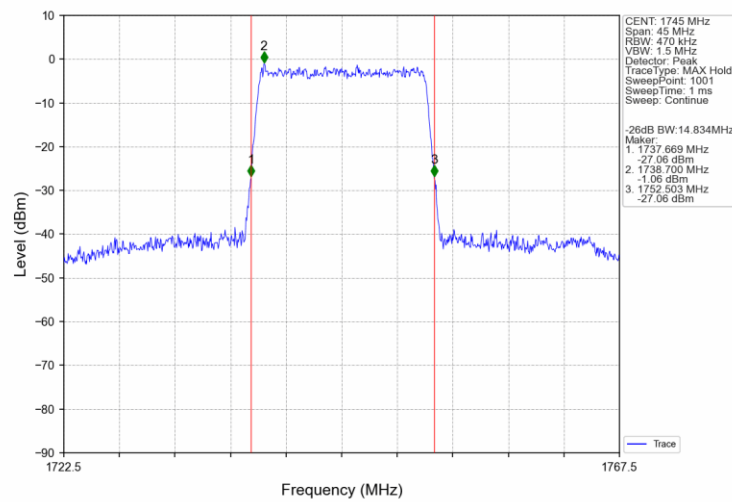
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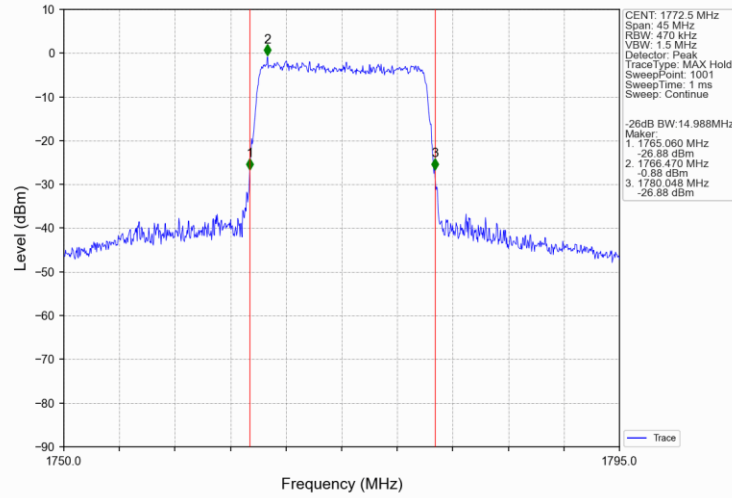
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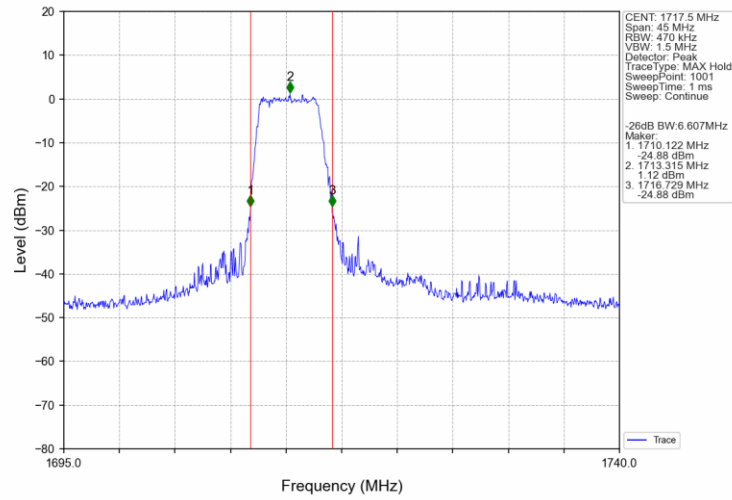
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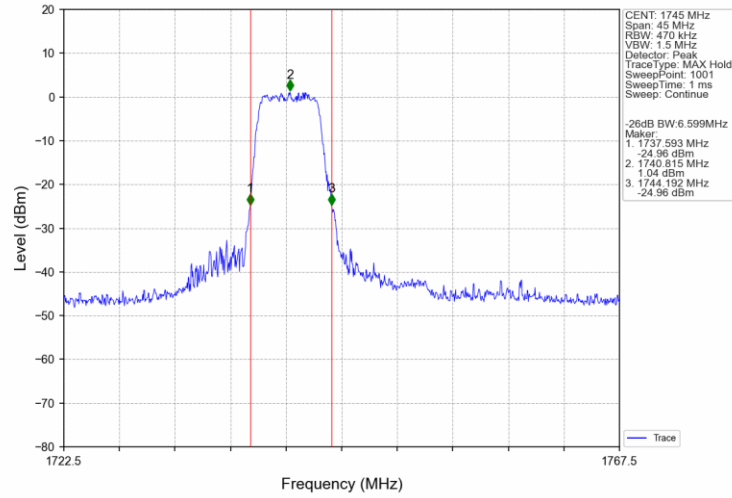
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0 NTNv



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

