1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / 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	23.51	1.27	24.78	<=30	Pass
			2	23.22	1.27	24.49	<=30	Pass
			5	22.97	1.27	24.24	<=30	Pass
		3	0	23.10	1.27	24.37	<=30	Pass
			2	23.13	1.27	24.40	<=30	Pass
			3	23.04	1.27	24.31	<=30	Pass
		6	0	22.06	1.27	23.33	<=30	Pass
	1732.5	1	0	22.94	1.27	24.21	<=30	Pass
			2	23.09	1.27	24.36	<=30	Pass
			5	22.93	1.27	24.20	<=30	Pass
		3	0	23.07	1.27	24.34	<=30	Pass
			2	23.10	1.27	24.37	<=30	Pass
			3	23.09	1.27	24.36	<=30	Pass
		6	0	22.01	1.27	23.28	<=30	Pass
	1754.3	1	0	22.89	1.27	24.16	<=30	Pass
			2	23.02	1.27	24.29	<=30	Pass
			5	22.91	1.27	24.18	<=30	Pass
		3	0	22.97	1.27	24.24	<=30	Pass
			2	23.03	1.27	24.30	<=30	Pass
			3	22.97	1.27	24.24	<=30	Pass
		6	0	21.99	1.27	23.26	<=30	Pass
16QAM	1710.7	1	0	21.97	1.27	23.24	<=30	Pass
			2	22.07	1.27	23.34	<=30	Pass
			5	21.97	1.27	23.24	<=30	Pass
		3	0	22.30	1.27	23.57	<=30	Pass
			2	22.30	1.27	23.57	<=30	Pass
			3	22.29	1.27	23.56	<=30	Pass
		6	0	21.13	1.27	22.40	<=30	Pass
	1732.5	1	0	22.02	1.27	23.29	<=30	Pass
			2	22.09	1.27	23.36	<=30	Pass
			5	22.02	1.27	23.29	<=30	Pass
		3	0	22.15	1.27	23.42	<=30	Pass
			2	22.13	1.27	23.40	<=30	Pass
			3	22.14	1.27	23.41	<=30	Pass
		6	0	20.98	1.27	22.25	<=30	Pass
	1754.3	1	0	22.01	1.27	23.28	<=30	Pass
			2	22.14	1.27	23.41	<=30	Pass
			5	22.05	1.27	23.32	<=30	Pass
		3	0	21.89	1.27	23.16	<=30	Pass
			2	21.92	1.27	23.19	<=30	Pass
			3	21.91	1.27	23.18	<=30	Pass
		6	0	21.02	1.27	22.29	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.09	1.27	24.36	<=30	Pass
			7	23.18	1.27	24.45	<=30	Pass
			14	23.03	1.27	24.30	<=30	Pass
		8	0	22.03	1.27	23.30	<=30	Pass
			4	22.07	1.27	23.34	<=30	Pass
			7	22.04	1.27	23.31	<=30	Pass
		15	0	22.03	1.27	23.30	<=30	Pass
	1732.5	1	0	23.04	1.27	24.31	<=30	Pass
			7	23.18	1.27	24.45	<=30	Pass
			14	23.02	1.27	24.29	<=30	Pass
		8	0	22.01	1.27	23.28	<=30	Pass
			4	22.02	1.27	23.29	<=30	Pass
			7	22.00	1.27	23.27	<=30	Pass
		15	0	22.01	1.27	23.28	<=30	Pass
	1753.5	1	0	22.95	1.27	24.22	<=30	Pass
			7	23.08	1.27	24.35	<=30	Pass
			14	22.94	1.27	24.21	<=30	Pass
		8	0	21.95	1.27	23.22	<=30	Pass
			4	21.97	1.27	23.24	<=30	Pass
			7	21.94	1.27	23.21	<=30	Pass
		15	0	21.90	1.27	23.17	<=30	Pass
16QAM	1711.5	1	0	22.56	1.27	23.83	<=30	Pass
			7	22.63	1.27	23.90	<=30	Pass
			14	22.46	1.27	23.73	<=30	Pass
		8	0	21.20	1.27	22.47	<=30	Pass
			4	21.26	1.27	22.53	<=30	Pass
			7	21.24	1.27	22.51	<=30	Pass
		15	0	21.15	1.27	22.42	<=30	Pass
	1732.5	1	0	22.06	1.27	23.33	<=30	Pass
			7	22.19	1.27	23.46	<=30	Pass
			14	22.00	1.27	23.27	<=30	Pass
		8	0	21.14	1.27	22.41	<=30	Pass
			4	21.15	1.27	22.42	<=30	Pass
			7	21.12	1.27	22.39	<=30	Pass
		15	0	21.13	1.27	22.40	<=30	Pass
	1753.5	1	0	22.05	1.27	23.32	<=30	Pass
			7	22.17	1.27	23.44	<=30	Pass
			14	22.08	1.27	23.35	<=30	Pass
		8	0	20.92	1.27	22.19	<=30	Pass
			4	20.96	1.27	22.23	<=30	Pass
			7	20.90	1.27	22.17	<=30	Pass
		15	0	20.90	1.27	22.17	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / 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	22.95	1.27	24.22	<=30	Pass
			13	23.07	1.27	24.34	<=30	Pass
			24	22.96	1.27	24.23	<=30	Pass
		12	0	21.95	1.27	23.22	<=30	Pass
			6	22.04	1.27	23.31	<=30	Pass

			13	22.02	1.27	23.29	<=30	Pass
		25	0	21.96	1.27	23.23	<=30	Pass
	1732.5	1	0	22.99	1.27	24.26	<=30	Pass
			13	23.05	1.27	24.32	<=30	Pass
			24	22.92	1.27	24.19	<=30	Pass
		12	0	21.99	1.27	23.26	<=30	Pass
			6	22.05	1.27	23.32	<=30	Pass
			13	21.96	1.27	23.23	<=30	Pass
		25	0	22.00	1.27	23.27	<=30	Pass
	1752.5	1	0	22.86	1.27	24.13	<=30	Pass
			13	22.96	1.27	24.23	<=30	Pass
			24	22.86	1.27	24.13	<=30	Pass
		12	0	21.89	1.27	23.16	<=30	Pass
			6	21.94	1.27	23.21	<=30	Pass
			13	21.86	1.27	23.13	<=30	Pass
		25	0	21.88	1.27	23.15	<=30	Pass
16QAM	1712.5	1	0	21.77	1.27	23.04	<=30	Pass
			13	21.86	1.27	23.13	<=30	Pass
			24	21.74	1.27	23.01	<=30	Pass
		12	0	20.99	1.27	22.26	<=30	Pass
			6	21.08	1.27	22.35	<=30	Pass
			13	21.06	1.27	22.33	<=30	Pass
		25	0	21.06	1.27	22.33	<=30	Pass
	1732.5	1	0	22.04	1.27	23.31	<=30	Pass
			13	22.12	1.27	23.39	<=30	Pass
			24	22.00	1.27	23.27	<=30	Pass
		12	0	21.02	1.27	22.29	<=30	Pass
			6	21.09	1.27	22.36	<=30	Pass
			13	20.98	1.27	22.25	<=30	Pass
		25	0	21.10	1.27	22.37	<=30	Pass
	1752.5	1	0	22.03	1.27	23.30	<=30	Pass
			13	22.17	1.27	23.44	<=30	Pass
			24	22.08	1.27	23.35	<=30	Pass
		12	0	20.93	1.27	22.20	<=30	Pass
			6	21.03	1.27	22.30	<=30	Pass
			13	20.97	1.27	22.24	<=30	Pass
		25	0	20.92	1.27	22.19	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.09	1.27	24.36	<=30	Pass
			25	23.29	1.27	24.56	<=30	Pass
			49	23.11	1.27	24.38	<=30	Pass
		25	0	21.99	1.27	23.26	<=30	Pass
			13	22.03	1.27	23.30	<=30	Pass
			25	22.10	1.27	23.37	<=30	Pass
		50	0	22.04	1.27	23.31	<=30	Pass
	1732.5	1	0	23.00	1.27	24.27	<=30	Pass
			25	23.14	1.27	24.41	<=30	Pass
			49	22.93	1.27	24.20	<=30	Pass
		25	0	22.09	1.27	23.36	<=30	Pass
			13	22.06	1.27	23.33	<=30	Pass
			25	22.01	1.27	23.28	<=30	Pass
		50	0	22.07	1.27	23.34	<=30	Pass
	1750	1	0	22.94	1.27	24.21	<=30	Pass
			25	23.10	1.27	24.37	<=30	Pass
			49	22.93	1.27	24.20	<=30	Pass
		25	0	21.91	1.27	23.18	<=30	Pass
			13	21.91	1.27	23.18	<=30	Pass
			25	21.92	1.27	23.19	<=30	Pass
		50	0	21.92	1.27	23.19	<=30	Pass
16QAM	1715	1	0	22.04	1.27	23.31	<=30	Pass
			25	22.18	1.27	23.45	<=30	Pass
			49	22.01	1.27	23.28	<=30	Pass
		25	0	21.10	1.27	22.37	<=30	Pass
			13	21.16	1.27	22.43	<=30	Pass
			25	21.21	1.27	22.48	<=30	Pass
		50	0	21.15	1.27	22.42	<=30	Pass
	1732.5	1	0	22.18	1.27	23.45	<=30	Pass
			25	22.35	1.27	23.62	<=30	Pass
			49	22.12	1.27	23.39	<=30	Pass
		25	0	21.20	1.27	22.47	<=30	Pass
			13	21.17	1.27	22.44	<=30	Pass
			25	21.12	1.27	22.39	<=30	Pass
		50	0	21.16	1.27	22.43	<=30	Pass
	1750	1	0	22.35	1.27	23.62	<=30	Pass
			25	22.48	1.27	23.75	<=30	Pass
			49	22.36	1.27	23.63	<=30	Pass
		25	0	21.00	1.27	22.27	<=30	Pass
			13	20.99	1.27	22.26	<=30	Pass
			25	21.02	1.27	22.29	<=30	Pass
		50	0	20.98	1.27	22.25	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.96	1.27	24.23	<=30	Pass
			38	23.08	1.27	24.35	<=30	Pass
			74	22.89	1.27	24.16	<=30	Pass
		36	0	22.10	1.27	23.37	<=30	Pass
			18	22.16	1.27	23.43	<=30	Pass
			39	22.18	1.27	23.45	<=30	Pass
		75	0	22.14	1.27	23.41	<=30	Pass
	1732.5	1	0	22.93	1.27	24.20	<=30	Pass
			38	22.97	1.27	24.24	<=30	Pass
			74	22.82	1.27	24.09	<=30	Pass
		36	0	22.11	1.27	23.38	<=30	Pass
			18	22.06	1.27	23.33	<=30	Pass
			39	22.02	1.27	23.29	<=30	Pass
		75	0	22.08	1.27	23.35	<=30	Pass
	1747.5	1	0	22.86	1.27	24.13	<=30	Pass
			38	22.98	1.27	24.25	<=30	Pass
			74	22.84	1.27	24.11	<=30	Pass
		36	0	22.02	1.27	23.29	<=30	Pass
			18	22.08	1.27	23.35	<=30	Pass
			39	22.08	1.27	23.35	<=30	Pass
		75	0	22.05	1.27	23.32	<=30	Pass
16QAM	1717.5	1	0	22.27	1.27	23.54	<=30	Pass
			38	22.35	1.27	23.62	<=30	Pass
			74	22.29	1.27	23.56	<=30	Pass
		36	0	21.04	1.27	22.31	<=30	Pass
			18	21.11	1.27	22.38	<=30	Pass
			39	21.14	1.27	22.41	<=30	Pass
		75	0	21.11	1.27	22.38	<=30	Pass
	1732.5	1	0	22.13	1.27	23.40	<=30	Pass
			38	22.21	1.27	23.48	<=30	Pass
			74	22.01	1.27	23.28	<=30	Pass
		36	0	21.13	1.27	22.40	<=30	Pass
			18	21.12	1.27	22.39	<=30	Pass
			39	21.05	1.27	22.32	<=30	Pass
		75	0	21.09	1.27	22.36	<=30	Pass
	1747.5	1	0	22.36	1.27	23.63	<=30	Pass
			38	22.35	1.27	23.62	<=30	Pass
			74	22.30	1.27	23.57	<=30	Pass
		36	0	20.98	1.27	22.25	<=30	Pass
			18	21.01	1.27	22.28	<=30	Pass
			39	21.04	1.27	22.31	<=30	Pass
		75	0	21.00	1.27	22.27	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.75	1.27	24.02	<=30	Pass
			50	23.20	1.27	24.47	<=30	Pass
			99	22.76	1.27	24.03	<=30	Pass
		50	0	21.95	1.27	23.22	<=30	Pass
			25	22.05	1.27	23.32	<=30	Pass
			50	22.00	1.27	23.27	<=30	Pass
		100	0	22.02	1.27	23.29	<=30	Pass
	1732.5	1	0	22.77	1.27	24.04	<=30	Pass
			50	23.19	1.27	24.46	<=30	Pass
			99	22.68	1.27	23.95	<=30	Pass
		50	0	22.05	1.27	23.32	<=30	Pass
			25	22.02	1.27	23.29	<=30	Pass
			50	21.94	1.27	23.21	<=30	Pass
		100	0	22.05	1.27	23.32	<=30	Pass
	1745	1	0	22.73	1.27	24.00	<=30	Pass
			50	23.09	1.27	24.36	<=30	Pass
			99	22.68	1.27	23.95	<=30	Pass
		50	0	21.90	1.27	23.17	<=30	Pass
			25	21.95	1.27	23.22	<=30	Pass
			50	21.93	1.27	23.20	<=30	Pass
		100	0	21.90	1.27	23.17	<=30	Pass
16QAM	1720	1	0	22.30	1.27	23.57	<=30	Pass
			50	22.66	1.27	23.93	<=30	Pass
			99	22.33	1.27	23.60	<=30	Pass
		50	0	20.97	1.27	22.24	<=30	Pass
			25	21.09	1.27	22.36	<=30	Pass
			50	21.08	1.27	22.35	<=30	Pass
		100	0	21.07	1.27	22.34	<=30	Pass
	1732.5	1	0	21.97	1.27	23.24	<=30	Pass
			50	22.38	1.27	23.65	<=30	Pass
			99	21.84	1.27	23.11	<=30	Pass
		50	0	21.17	1.27	22.44	<=30	Pass
			25	21.10	1.27	22.37	<=30	Pass
			50	21.04	1.27	22.31	<=30	Pass
		100	0	21.13	1.27	22.40	<=30	Pass
	1745	1	0	22.03	1.27	23.30	<=30	Pass
			50	22.27	1.27	23.54	<=30	Pass
			99	21.89	1.27	23.16	<=30	Pass
		50	0	20.97	1.27	22.24	<=30	Pass
			25	20.99	1.27	22.26	<=30	Pass
			50	20.96	1.27	22.23	<=30	Pass
		100	0	21.00	1.27	22.27	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / 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	1.745	0.0010	-2.5 to 2.5	Pass
					3.85	1.945	0.0011	-2.5 to 2.5	Pass
					4.43	-5.894	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-12.074	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				0	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-6.952	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
					4.43	3.805	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-9.055	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-11.573	-0.0067	-2.5 to 2.5	Pass
				30	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				40	3.85	-10.285	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-5.164	-0.0029	-2.5 to 2.5	Pass
					3.85	-11.458	-0.0065	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-12.574	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-12.603	-0.0072	-2.5 to 2.5	Pass
				10	3.85	2.890	0.0016	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-12.517	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	5.007	0.0029	-2.5 to 2.5	Pass
					3.85	-8.082	-0.0047	-2.5 to 2.5	Pass
					4.43	-10.428	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-7.439	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-11.072	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-14.334	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-12.932	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-10.371	-0.0060	-2.5 to 2.5	Pass
					3.85	0.458	0.0003	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	5.336	0.0031	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0064	-2.5 to 2.5	Pass

				-10	3.85	-7.739	-0.0045	-2.5 to 2.5	Pass
				0	3.85	4.549	0.0026	-2.5 to 2.5	Pass
				10	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				40	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.117	0.0012	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-6.480	-0.0037	-2.5 to 2.5	Pass
					3.85	3.576	0.0020	-2.5 to 2.5	Pass
					4.43	-10.543	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-7.968	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				30	3.85	-11.029	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-12.188	-0.0069	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / 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	-6.108	-0.0036	-2.5 to 2.5	Pass
					3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
					4.43	2.561	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.393	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	8.340	0.0049	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				10	3.85	-10.858	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-10.629	-0.0061	-2.5 to 2.5	Pass
					3.85	-14.162	-0.0082	-2.5 to 2.5	Pass
					4.43	-10.099	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-16.150	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-16.365	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0038	-2.5 to 2.5	Pass
				50	3.85	2.489	0.0014	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-5.937	-0.0034	-2.5 to 2.5	Pass
					3.85	1.602	0.0009	-2.5 to 2.5	Pass
					4.43	-8.297	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	4.621	0.0026	-2.5 to 2.5	Pass
				-20	3.85	6.824	0.0039	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-13.561	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-6.738	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-11.444	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-12.903	-0.0074	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-10.443	-0.0061	-2.5 to 2.5	Pass
					3.85	0.973	0.0006	-2.5 to 2.5	Pass

					4.43	-11.730	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				10	3.85	2.074	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				40	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				50	3.85	3.090	0.0018	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-10.829	-0.0063	-2.5 to 2.5	Pass
					3.85	-11.716	-0.0068	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-6.795	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-9.985	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-14.691	-0.0085	-2.5 to 2.5	Pass
				40	3.85	3.805	0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-12.860	-0.0073	-2.5 to 2.5	Pass
					3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
					4.43	-13.261	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-10.185	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-7.896	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	2.847	0.0016	-2.5 to 2.5	Pass
				0	3.85	-12.832	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-13.232	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-14.920	-0.0085	-2.5 to 2.5	Pass
				40	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / 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	-15.535	-0.0091	-2.5 to 2.5	Pass
					3.85	6.537	0.0038	-2.5 to 2.5	Pass
					4.43	1.287	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				0	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				10	3.85	-11.115	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.687	0.0004	-2.5 to 2.5	Pass
					3.85	-9.770	-0.0056	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass

				50	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-5.178	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
					4.43	-7.896	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-11.687	-0.0067	-2.5 to 2.5	Pass
				0	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				10	3.85	5.436	0.0031	-2.5 to 2.5	Pass
				30	3.85	-8.898	-0.0051	-2.5 to 2.5	Pass
				40	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				50	3.85	-12.903	-0.0074	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-11.859	-0.0069	-2.5 to 2.5	Pass
					3.85	4.349	0.0025	-2.5 to 2.5	Pass
					4.43	-13.161	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	3.691	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				0	3.85	4.277	0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-9.298	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-12.746	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-7.110	-0.0042	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-3.147	-0.0018	-2.5 to 2.5	Pass
					3.85	-9.141	-0.0053	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	4.106	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	-10.529	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-11.272	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-9.255	-0.0053	-2.5 to 2.5	Pass
					3.85	-11.458	-0.0065	-2.5 to 2.5	Pass
					4.43	4.163	0.0024	-2.5 to 2.5	Pass
				-30	3.85	3.748	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-8.211	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	3.219	0.0018	-2.5 to 2.5	Pass
				0	3.85	-11.029	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-13.847	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / 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	-0.515	-0.0003	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0065	-2.5 to 2.5	Pass
					4.43	-9.112	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-10.901	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-5.422	-0.0032	-2.5 to 2.5	Pass

				10	3.85	-9.656	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-8.554	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-10.014	-0.0058	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	2.589	0.0015	-2.5 to 2.5	Pass
					3.85	-7.167	-0.0041	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-9.327	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-10.285	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				40	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				50	3.85	-18.468	-0.0107	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-3.376	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
					4.43	-7.095	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-7.095	-0.0041	-2.5 to 2.5	Pass
					3.85	4.964	0.0029	-2.5 to 2.5	Pass
					4.43	2.503	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-12.302	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				40	3.85	2.346	0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.363	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
					4.43	-8.626	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-9.241	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	3.190	0.0018	-2.5 to 2.5	Pass
					3.85	-10.743	-0.0061	-2.5 to 2.5	Pass
					4.43	-10.972	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.668	-0.0044	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				10	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / 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	-4.706	-0.0027	-2.5 to 2.5	Pass
					3.85	-6.452	-0.0038	-2.5 to 2.5	Pass
					4.43	-9.556	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-8.726	-0.0050	-2.5 to 2.5	Pass
					3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
					4.43	2.117	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-7.439	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-3.004	-0.0017	-2.5 to 2.5	Pass
					3.85	-10.443	-0.0060	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.532	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-11.630	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-13.404	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-7.367	-0.0042	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.702	0.0010	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.696	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-8.168	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.839	-0.0046	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.574	-0.0009	-2.5 to 2.5	Pass
					3.85	-6.866	-0.0040	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass

				30	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				40	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-10.729	-0.0061	-2.5 to 2.5	Pass
					3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-11.601	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-12.445	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-12.045	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-11.759	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / 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	-5.751	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
					4.43	-8.497	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-11.444	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-11.644	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-11.015	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-4.821	-0.0028	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-9.627	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.735	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-5.007	-0.0029	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
					4.43	-8.097	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-9.241	-0.0054	-2.5 to 2.5	Pass

				-10	3.85	-9.556	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-10.529	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0043	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-3.963	-0.0023	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
					4.43	0.601	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.925	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.147	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.531	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				40	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	

QPSK	1732.5	25	0	Refer To Test Graph	Pass
16QAM	1732.5	25	0	Refer To Test Graph	Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

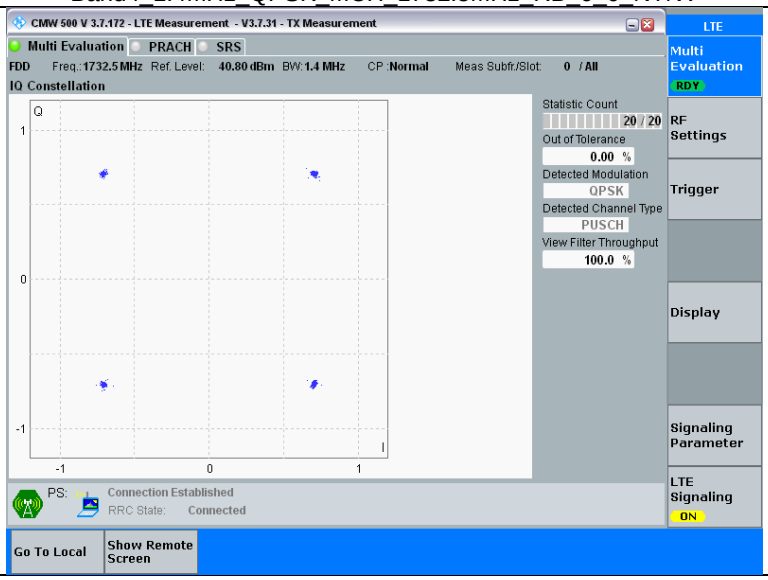
3.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

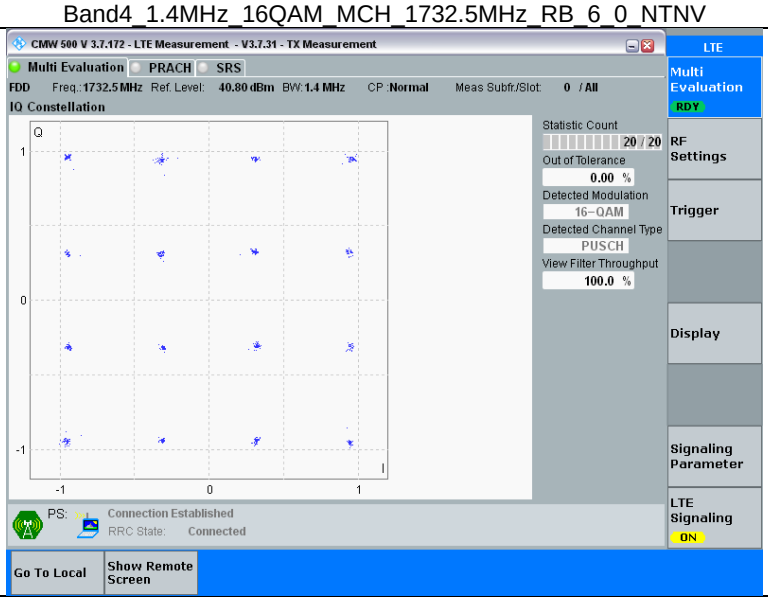
3.2 Test Graph

3.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

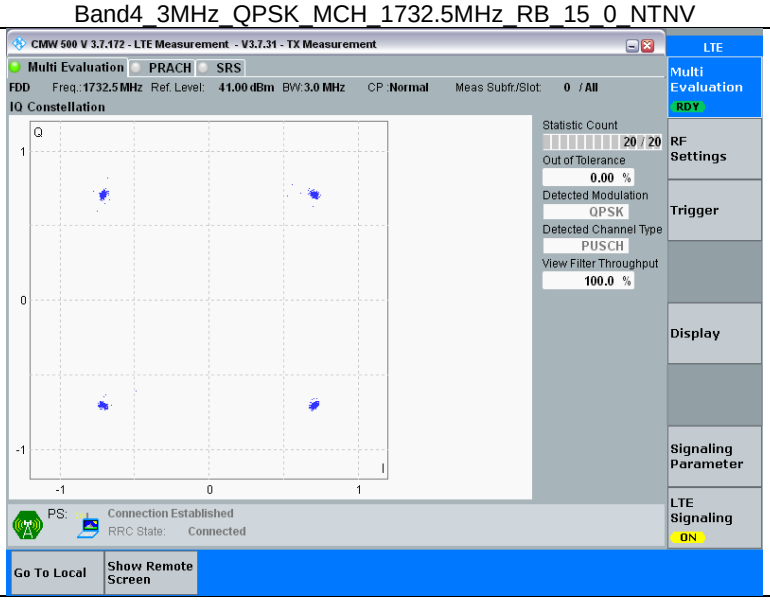


Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

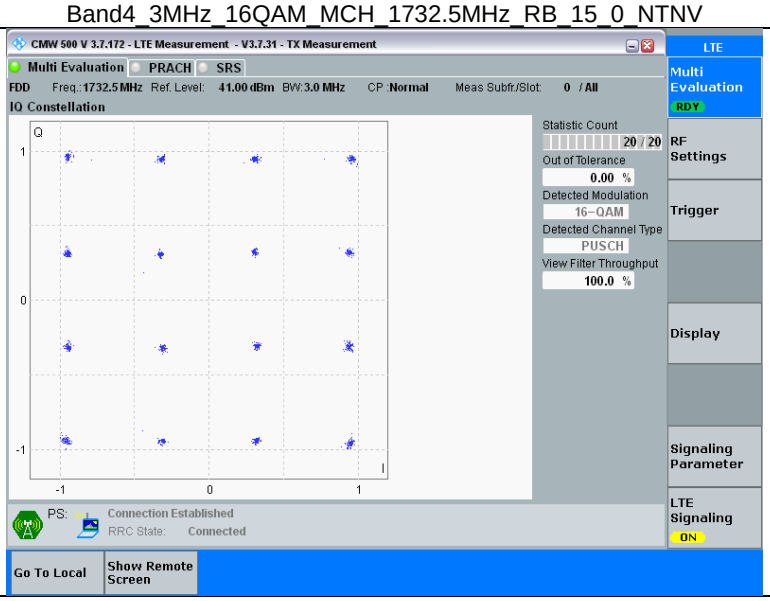


3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

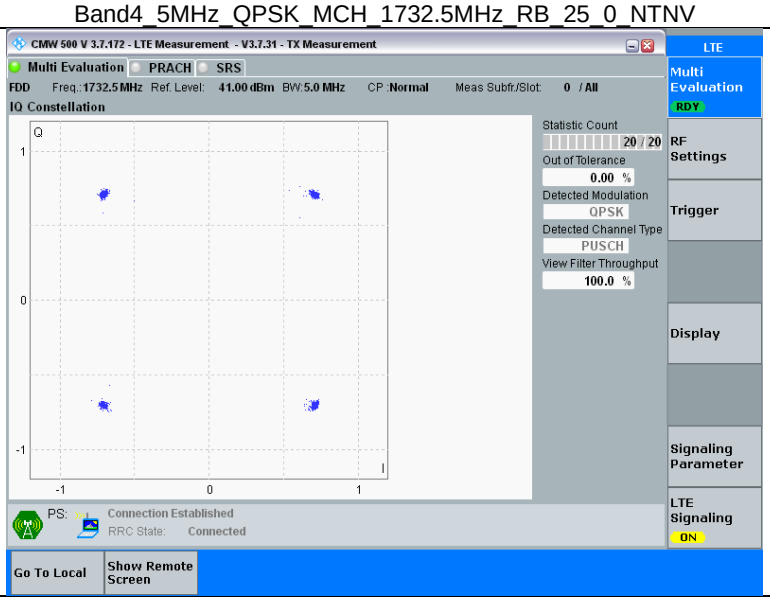


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

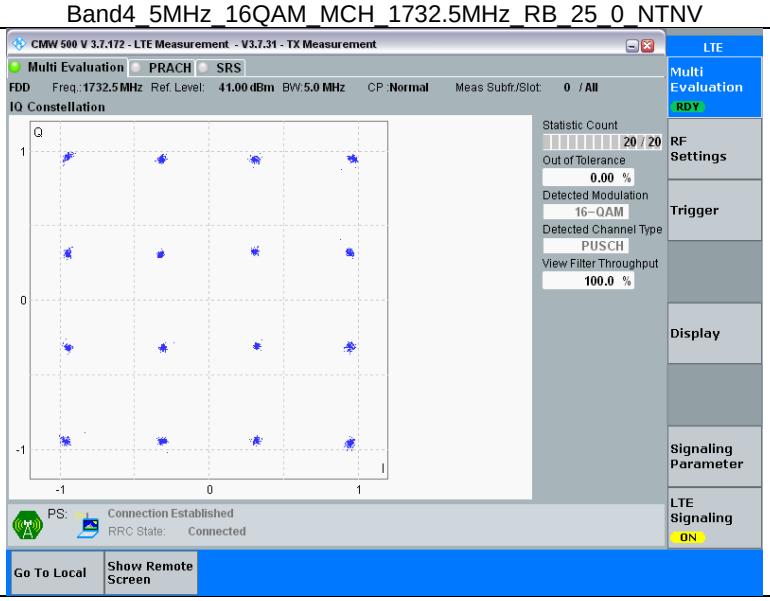


3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

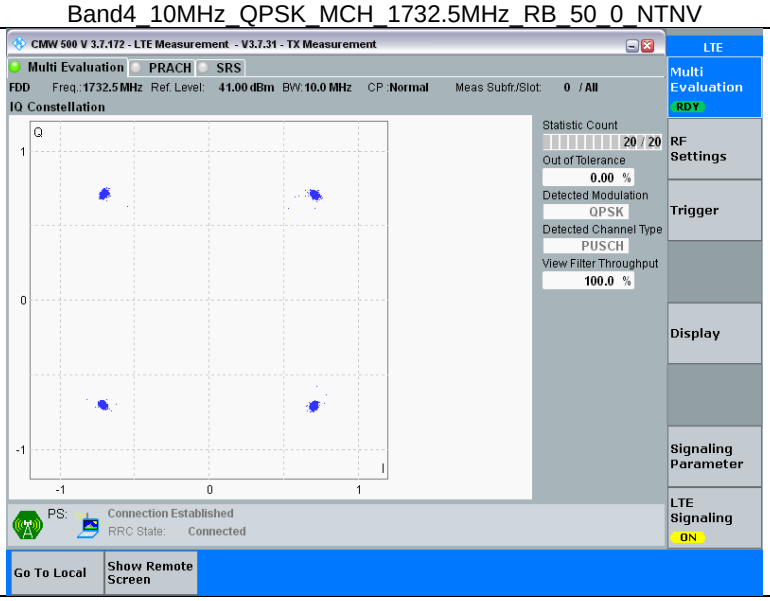


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

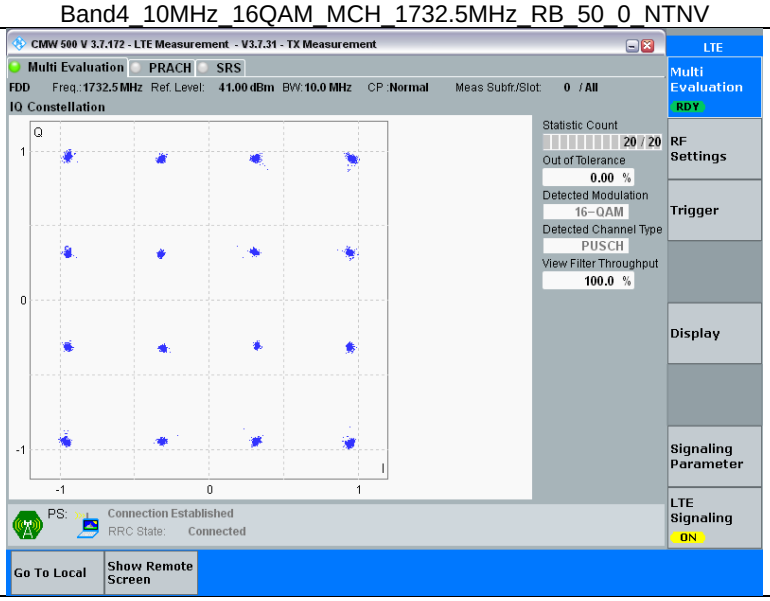


3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

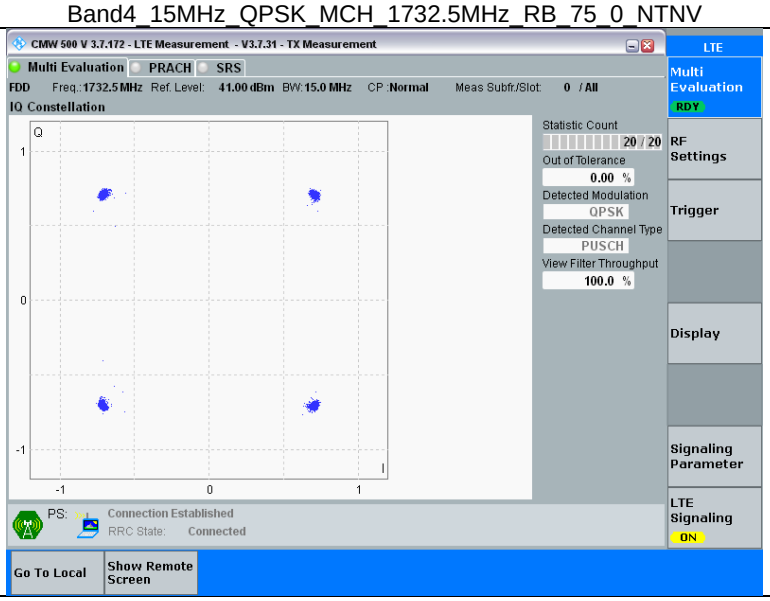


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

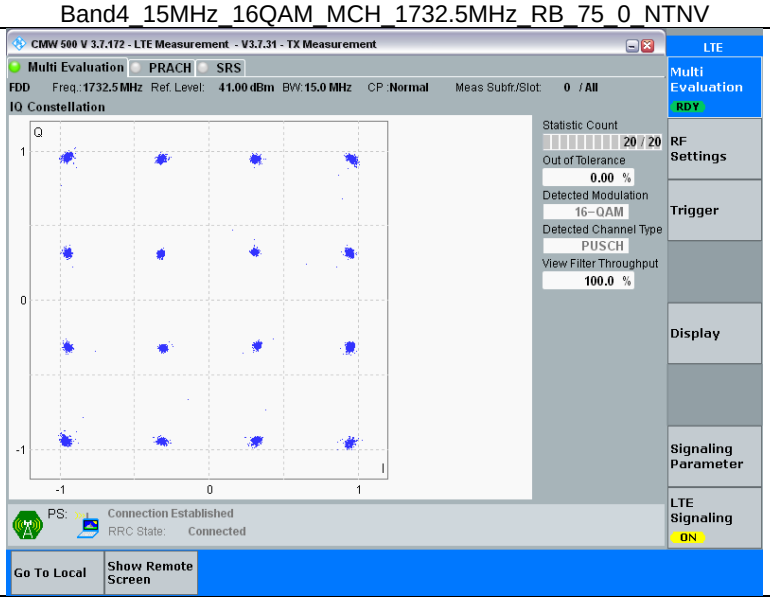


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

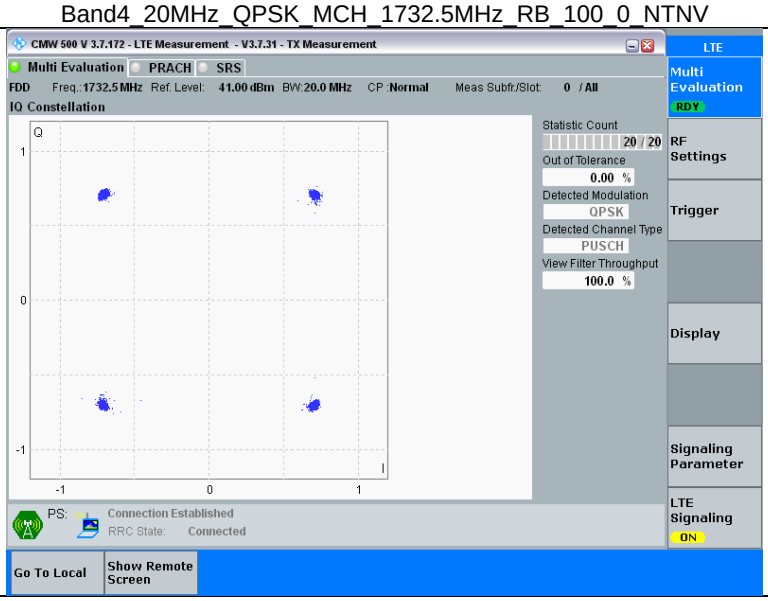


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

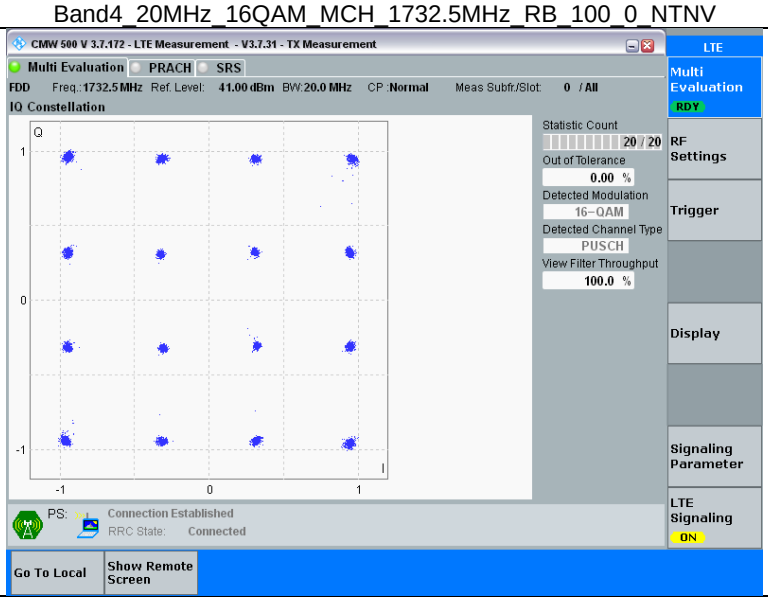


3.2.6 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.124	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.118	/	Pass
		1732.5	6	0	1.103	/	Pass
		1754.3	6	0	1.112	/	Pass
3	QPSK	1711.5	15	0	2.722	/	Pass
		1732.5	15	0	2.720	/	Pass
		1753.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.729	/	Pass
		1732.5	15	0	2.721	/	Pass
		1753.5	15	0	2.714	/	Pass
5	QPSK	1712.5	25	0	4.538	/	Pass
		1732.5	25	0	4.550	/	Pass
		1752.5	25	0	4.559	/	Pass
	16QAM	1712.5	25	0	4.547	/	Pass
		1732.5	25	0	4.547	/	Pass
		1752.5	25	0	4.532	/	Pass
10	QPSK	1715	50	0	9.054	/	Pass
		1732.5	50	0	9.062	/	Pass
		1750	50	0	9.083	/	Pass
	16QAM	1715	50	0	9.073	/	Pass
		1732.5	50	0	9.072	/	Pass
		1750	50	0	9.059	/	Pass
15	QPSK	1717.5	75	0	13.603	/	Pass
		1732.5	75	0	13.593	/	Pass
		1747.5	75	0	13.577	/	Pass
	16QAM	1717.5	75	0	13.581	/	Pass
		1732.5	75	0	13.616	/	Pass
		1747.5	75	0	13.624	/	Pass
20	QPSK	1720	100	0	18.070	/	Pass
		1732.5	100	0	18.151	/	Pass
		1745	100	0	18.115	/	Pass
	16QAM	1720	100	0	18.067	/	Pass
		1732.5	100	0	18.177	/	Pass
		1745	100	0	18.136	/	Pass

4.1.2 Band4_XDB

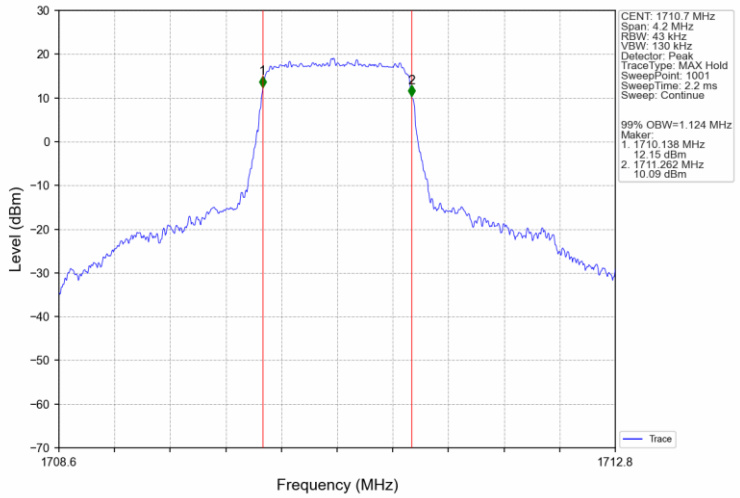
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.319	/	Pass
		1732.5	6	0	1.339	/	Pass
		1754.3	6	0	1.340	/	Pass

	16QAM	1710.7	6	0	1.330	/	Pass
		1732.5	6	0	1.314	/	Pass
		1754.3	6	0	1.310	/	Pass
3	QPSK	1711.5	15	0	3.002	/	Pass
		1732.5	15	0	3.002	/	Pass
		1753.5	15	0	2.993	/	Pass
	16QAM	1711.5	15	0	2.986	/	Pass
		1732.5	15	0	2.979	/	Pass
		1753.5	15	0	2.995	/	Pass
5	QPSK	1712.5	25	0	4.993	/	Pass
		1732.5	25	0	5.020	/	Pass
		1752.5	25	0	4.998	/	Pass
	16QAM	1712.5	25	0	5.037	/	Pass
		1732.5	25	0	5.041	/	Pass
		1752.5	25	0	5.011	/	Pass
10	QPSK	1715	50	0	9.939	/	Pass
		1732.5	50	0	10.000	/	Pass
		1750	50	0	10.020	/	Pass
	16QAM	1715	50	0	9.828	/	Pass
		1732.5	50	0	9.981	/	Pass
		1750	50	0	9.931	/	Pass
15	QPSK	1717.5	75	0	15.011	/	Pass
		1732.5	75	0	14.963	/	Pass
		1747.5	75	0	14.971	/	Pass
	16QAM	1717.5	75	0	14.922	/	Pass
		1732.5	75	0	14.938	/	Pass
		1747.5	75	0	14.816	/	Pass
20	QPSK	1720	100	0	19.639	/	Pass
		1732.5	100	0	19.680	/	Pass
		1745	100	0	19.867	/	Pass
	16QAM	1720	100	0	19.718	/	Pass
		1732.5	100	0	19.897	/	Pass
		1745	100	0	19.743	/	Pass

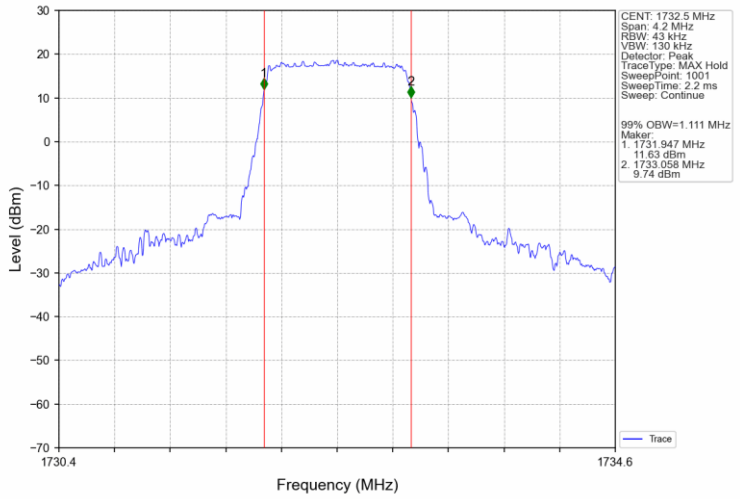
4.2 Test Graph

4.2.1 Band4_OBW

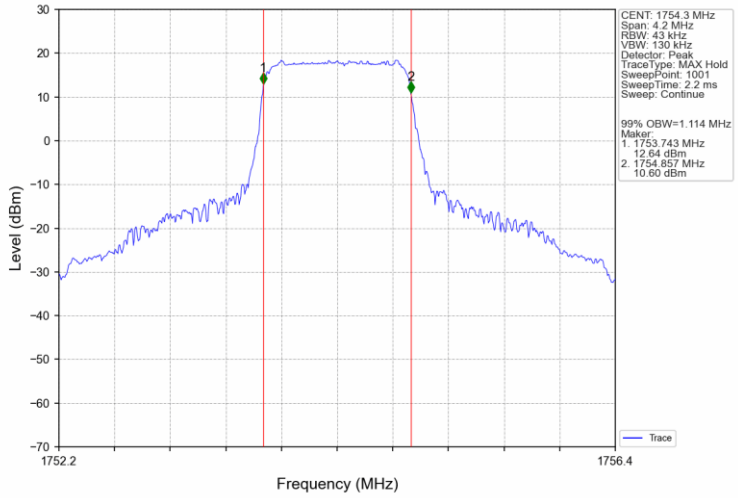
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



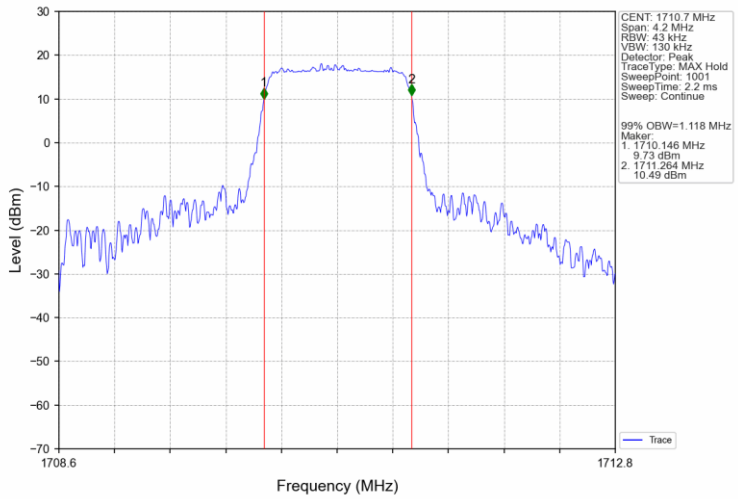
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



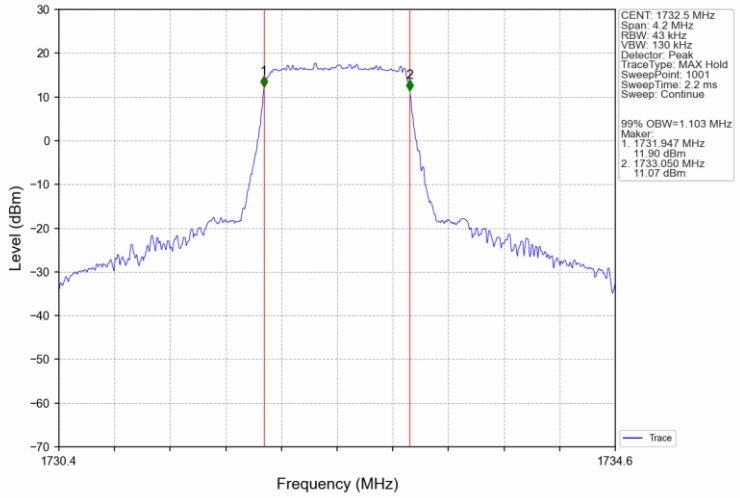
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



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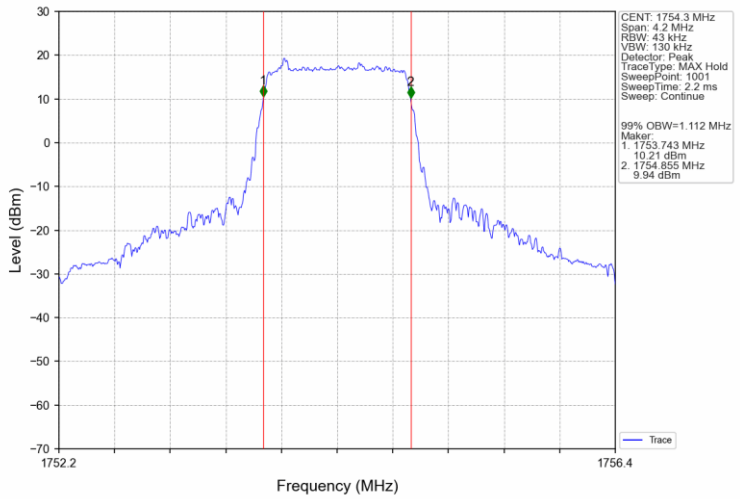
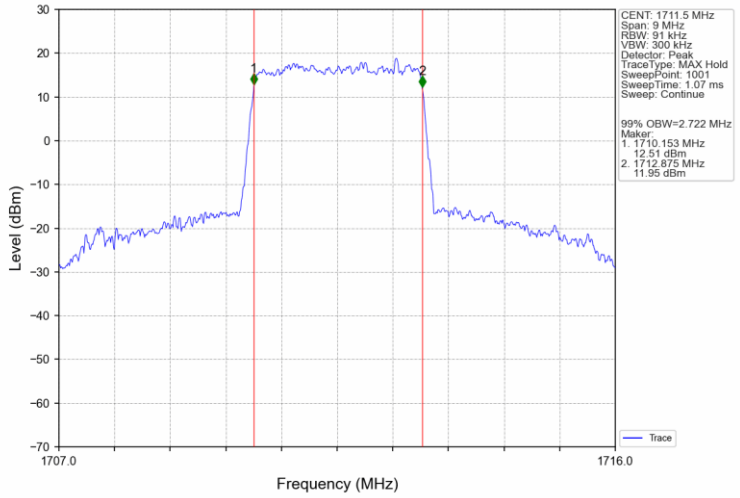


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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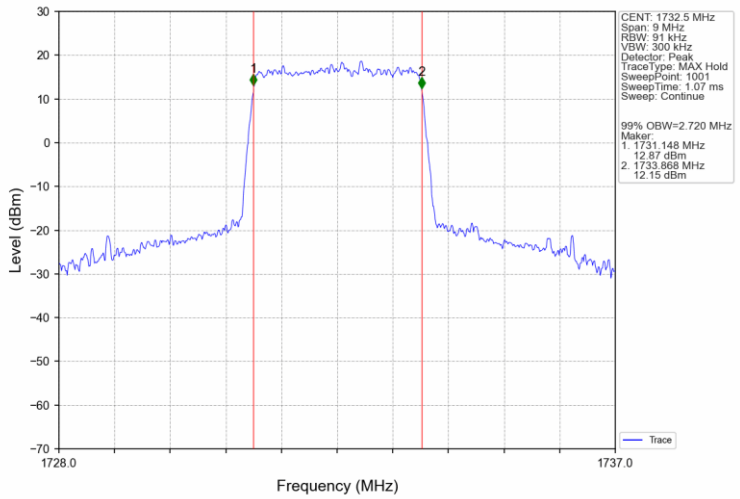
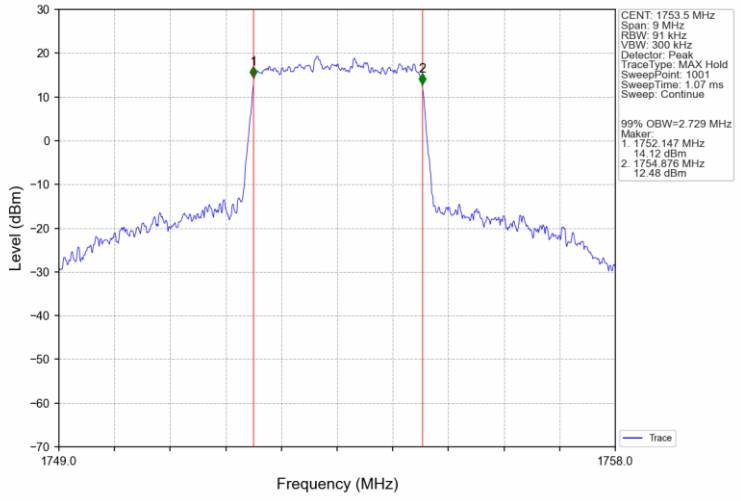
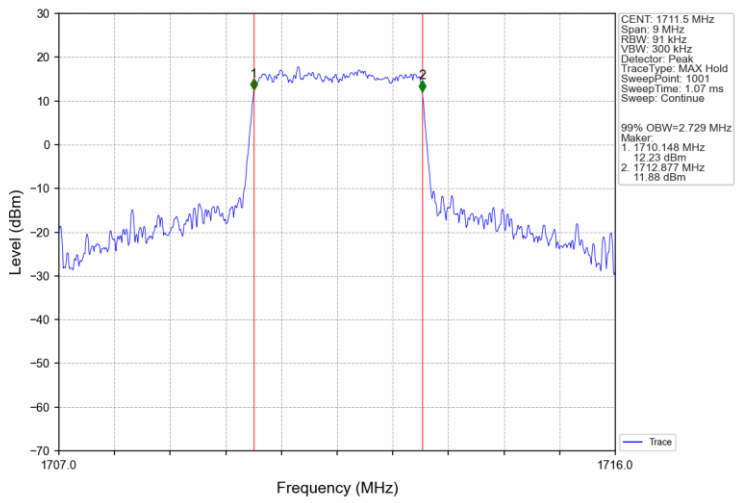


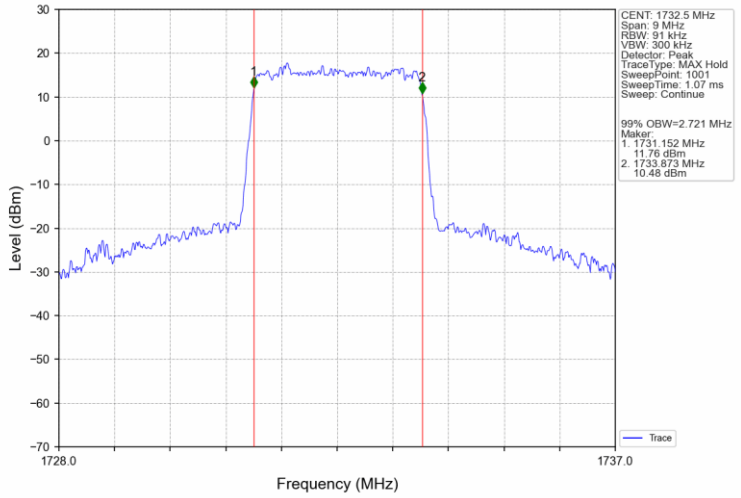
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



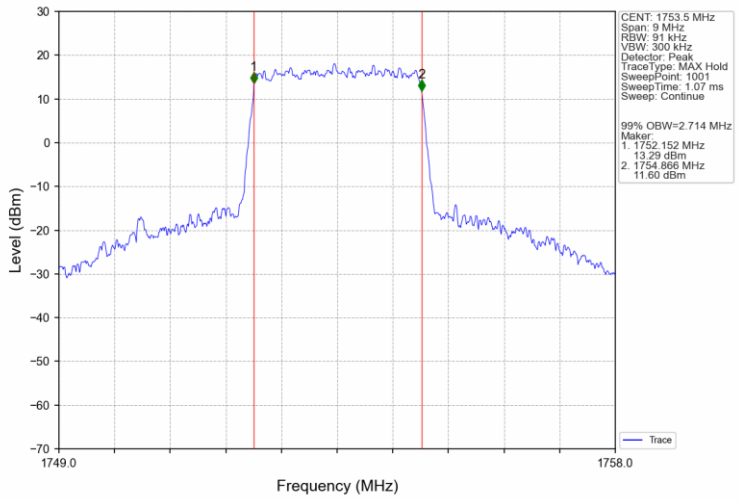
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



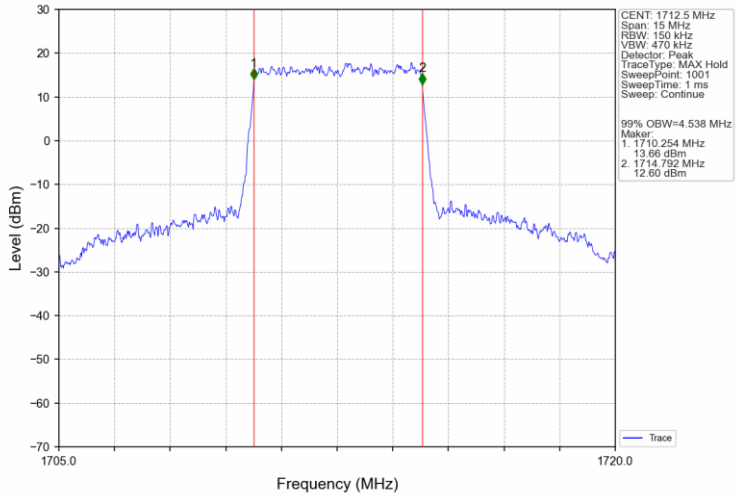
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



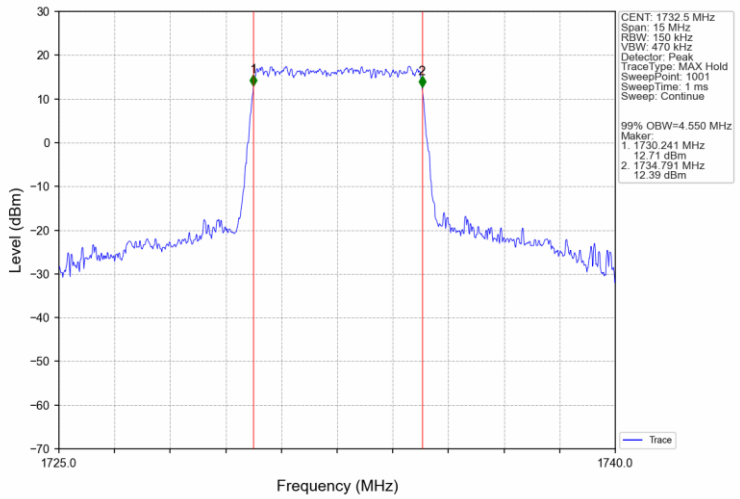
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



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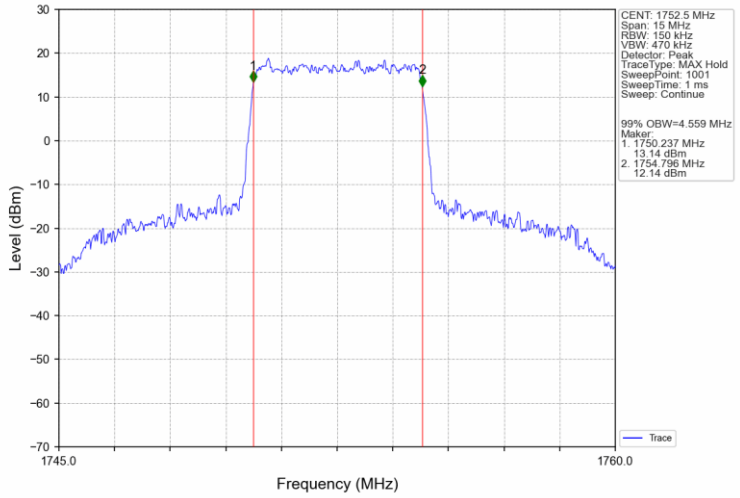
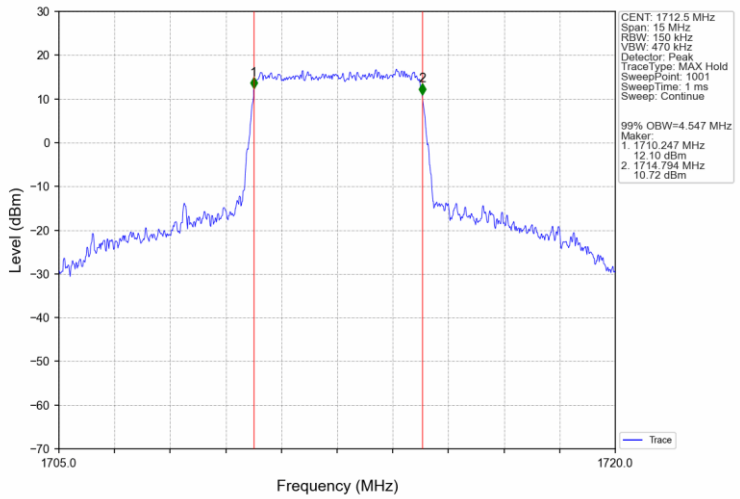
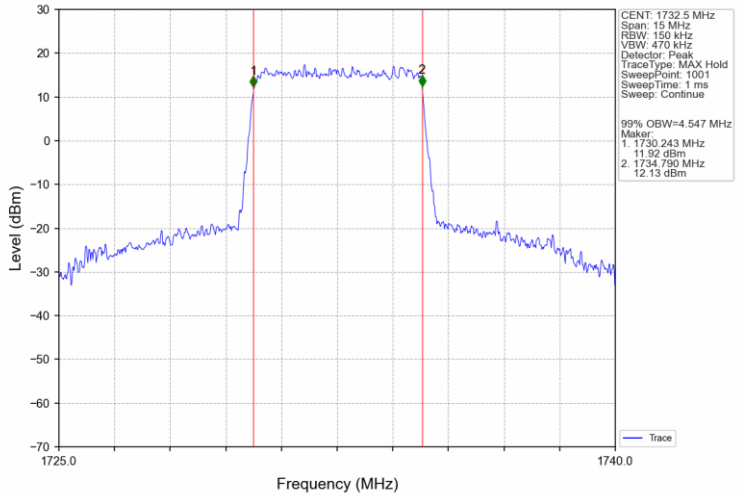


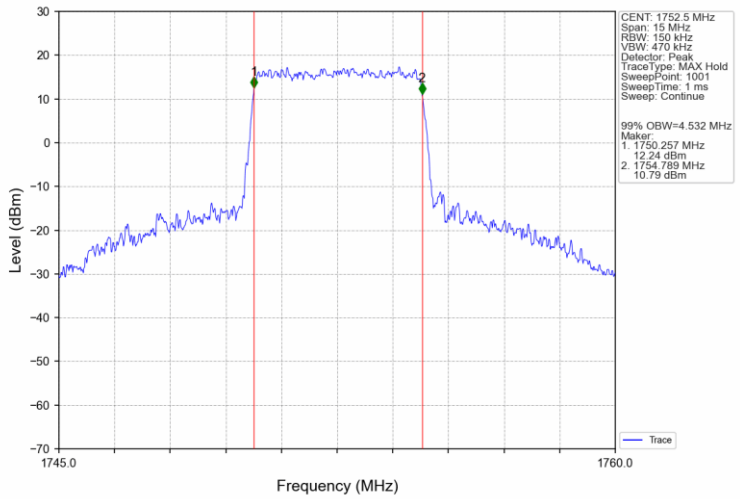
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



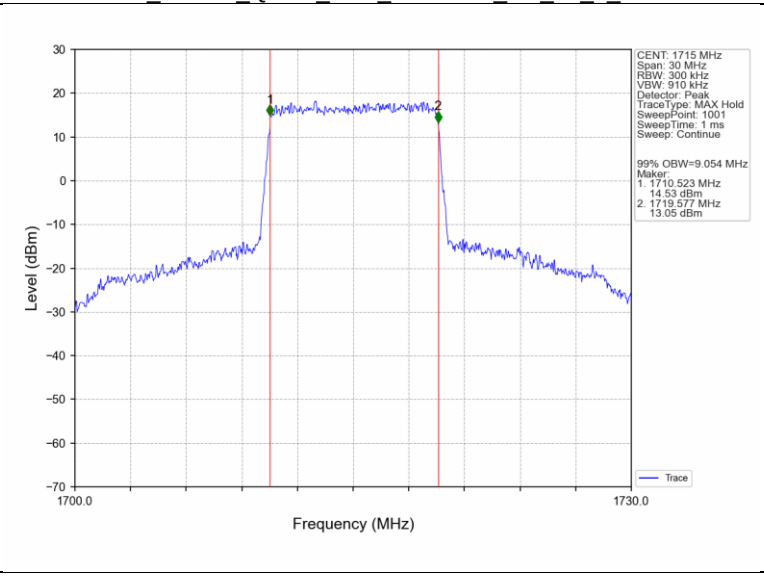
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



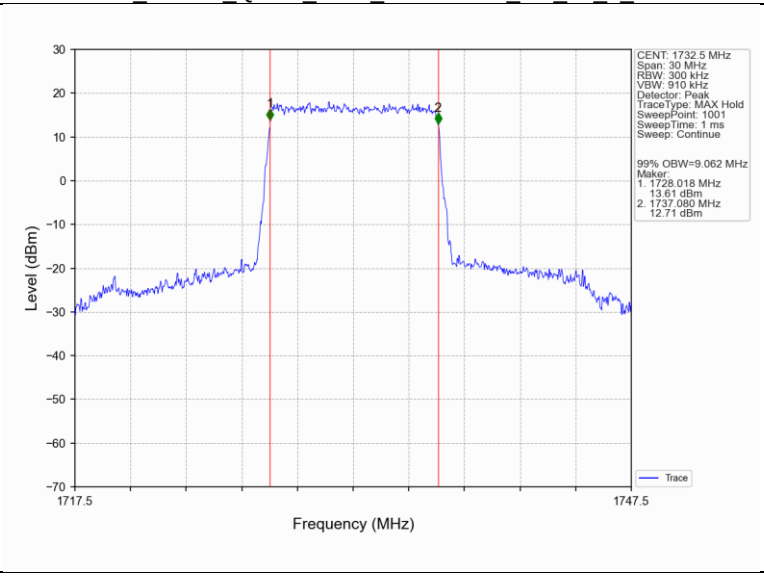
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



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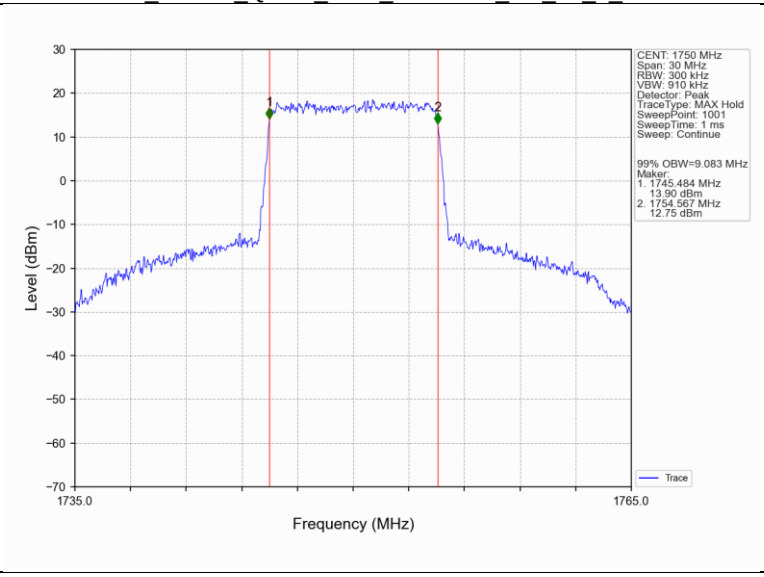
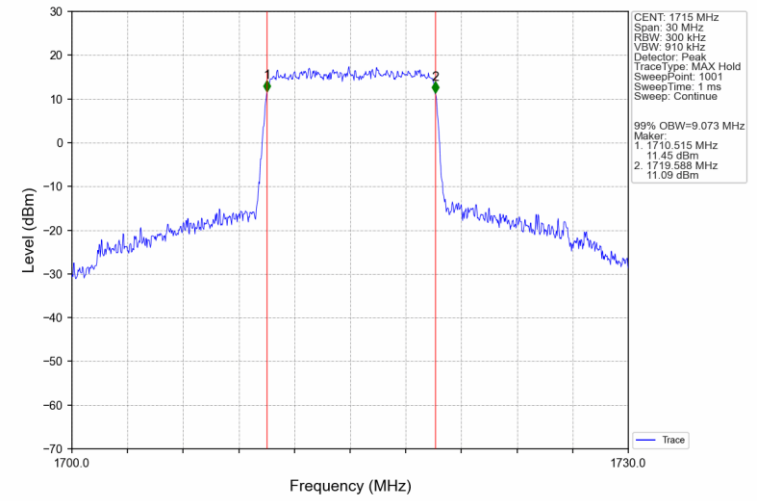


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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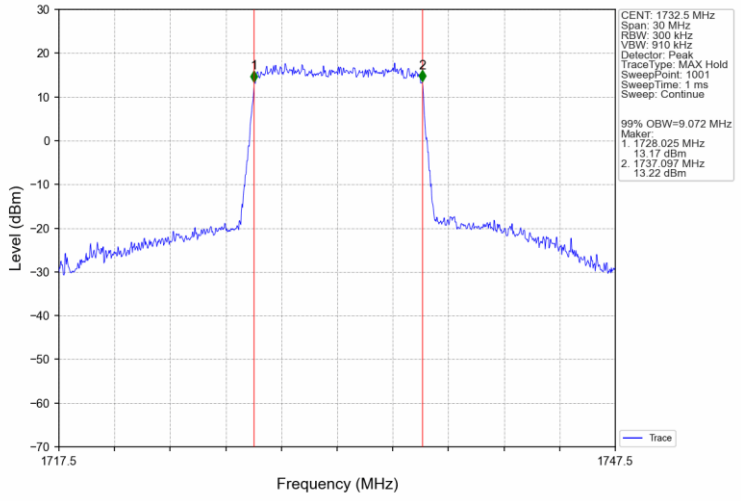
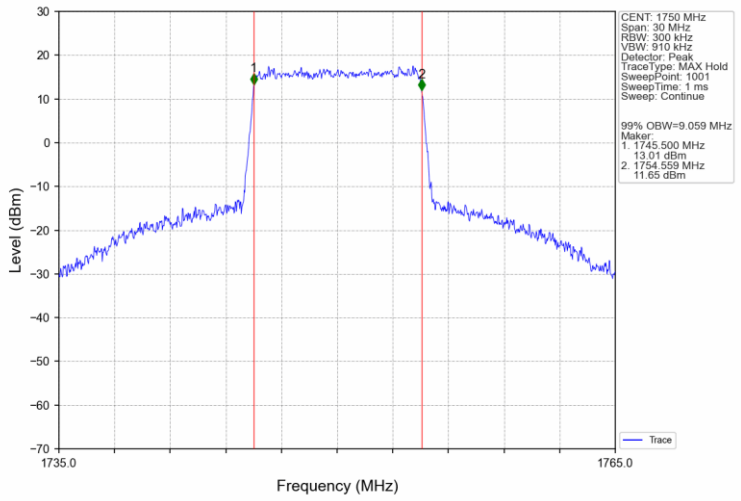
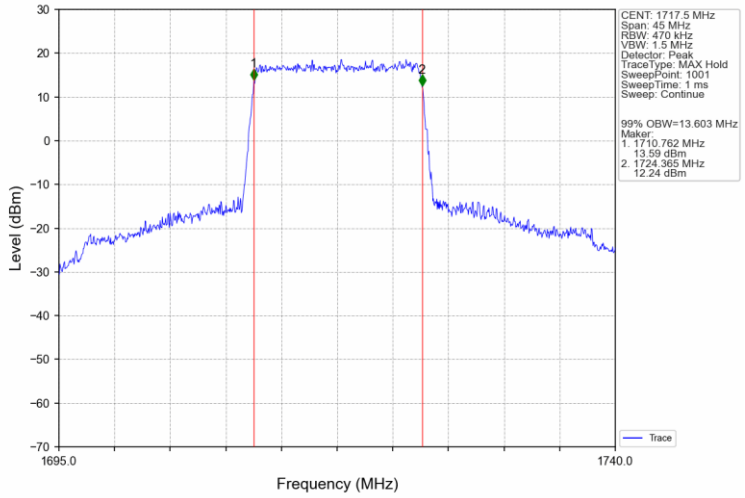


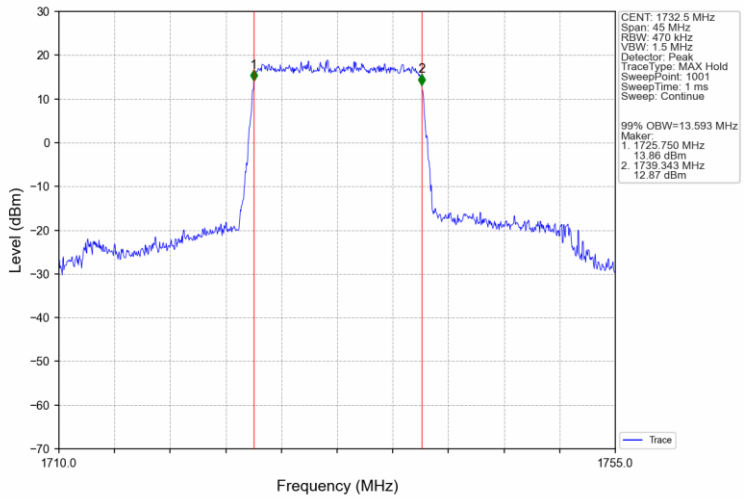
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



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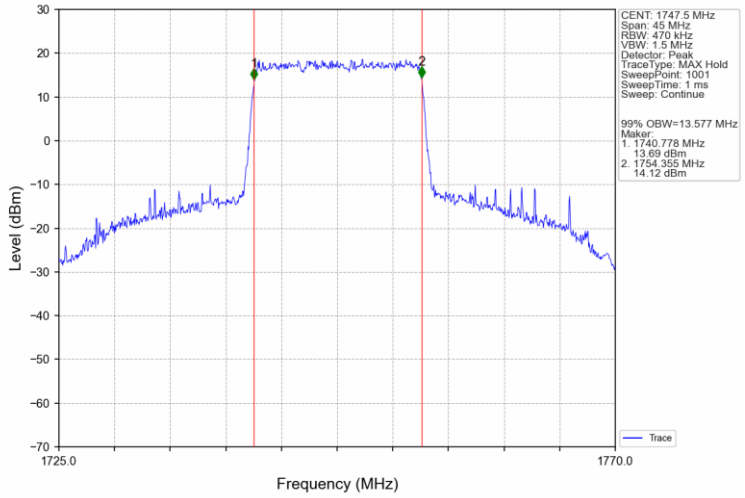
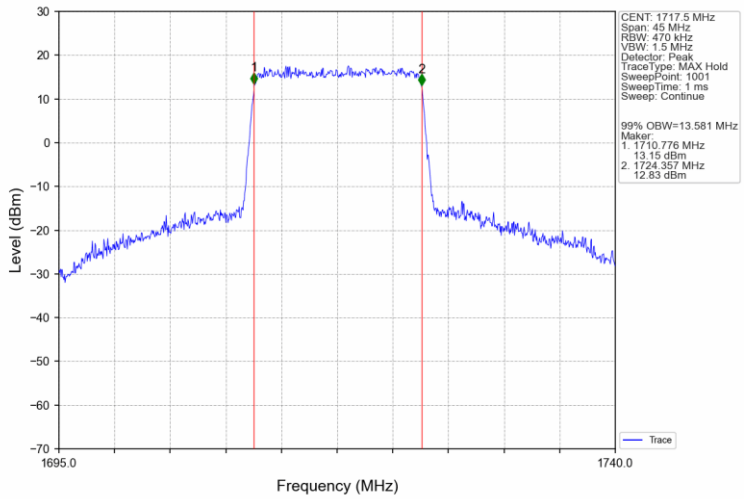
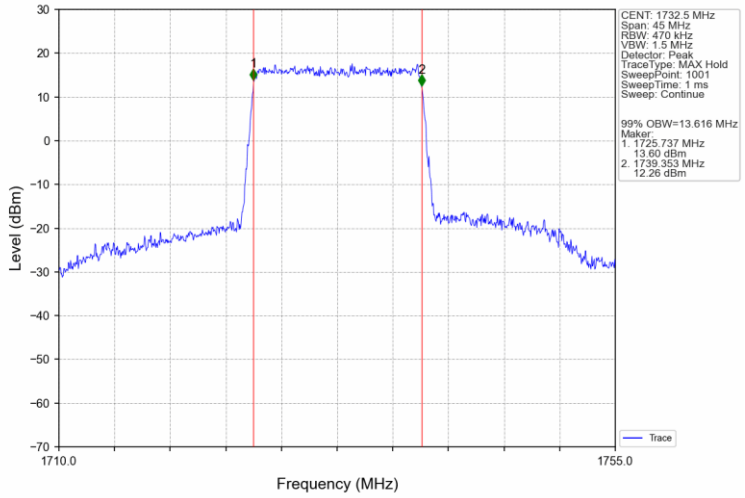


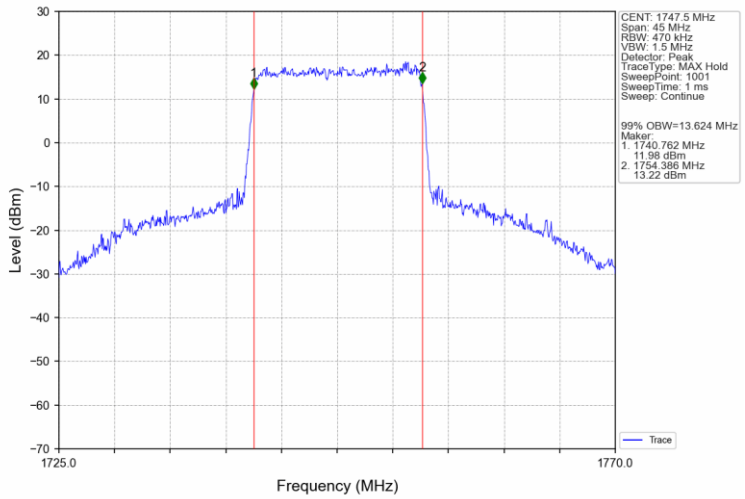
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



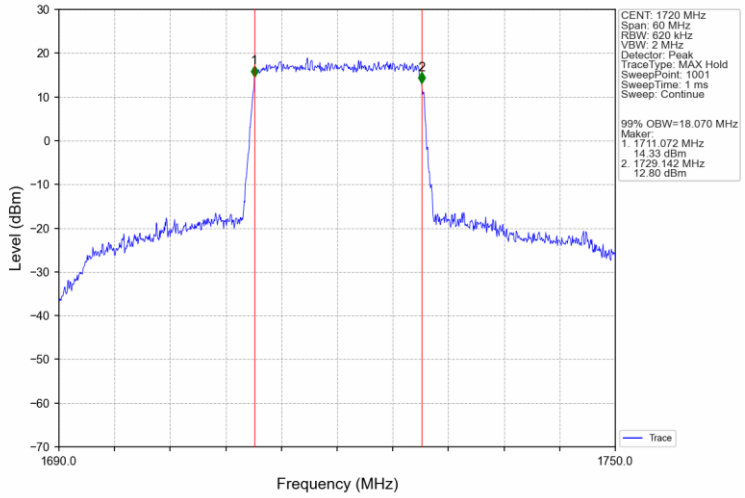
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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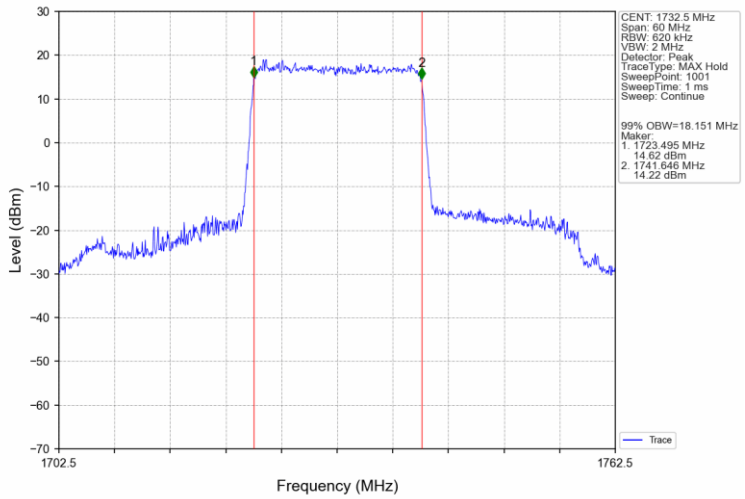

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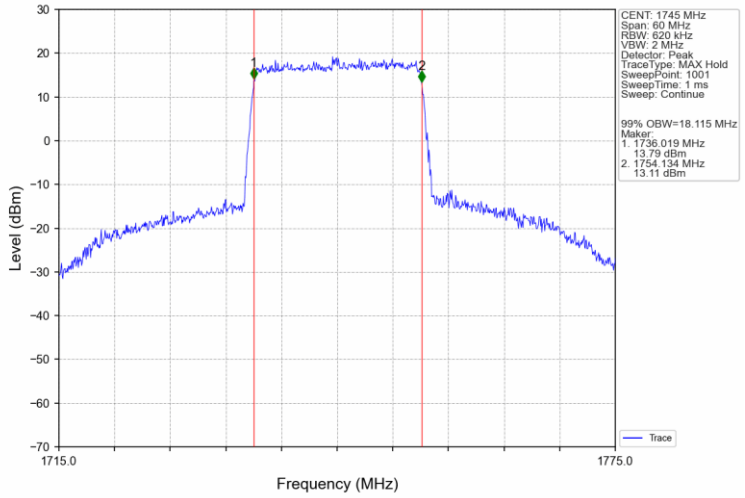

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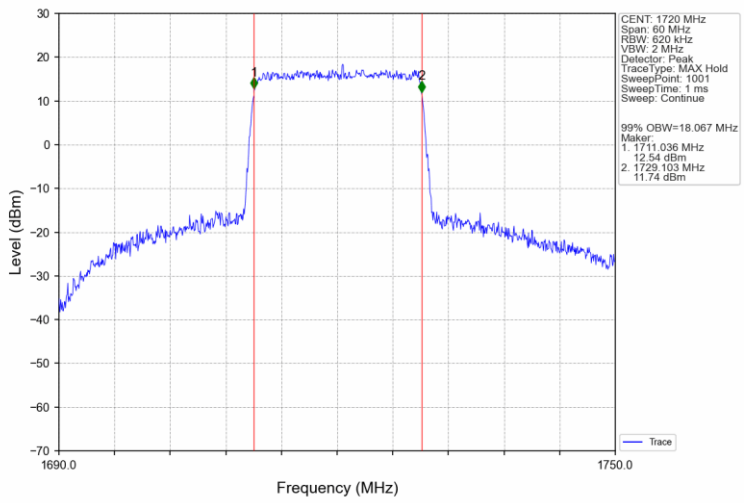

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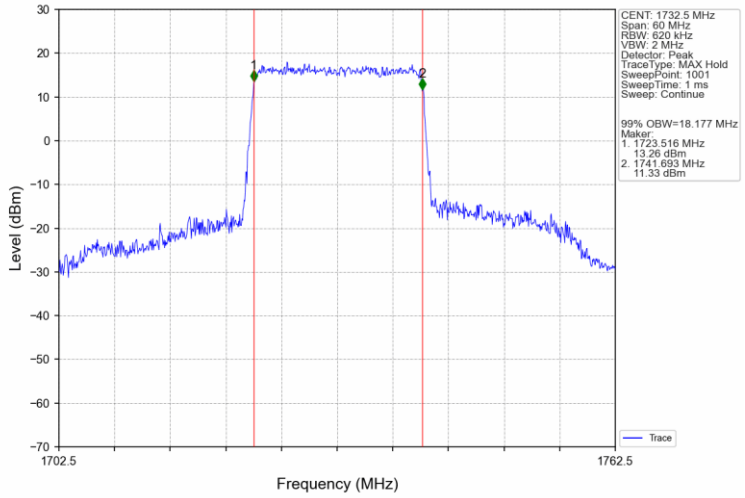

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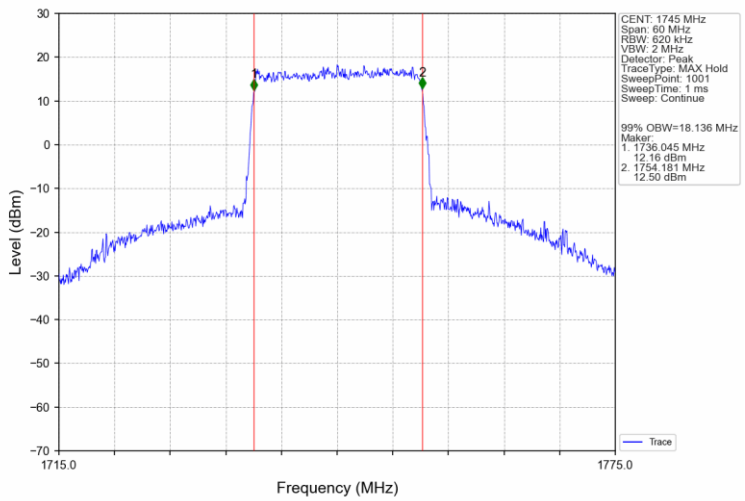
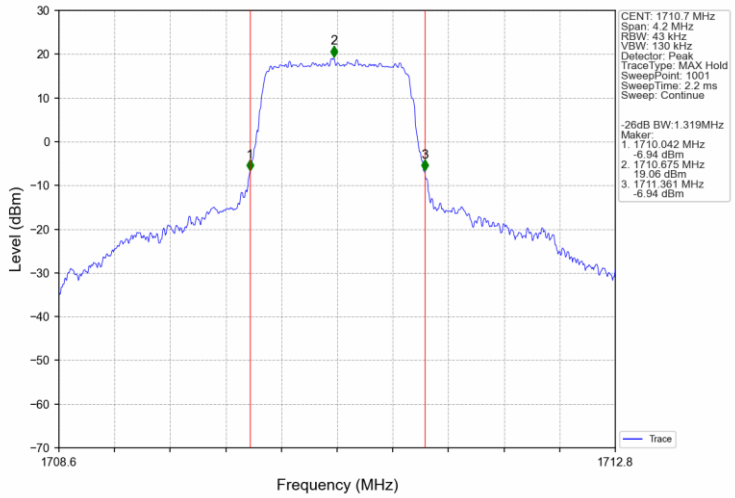
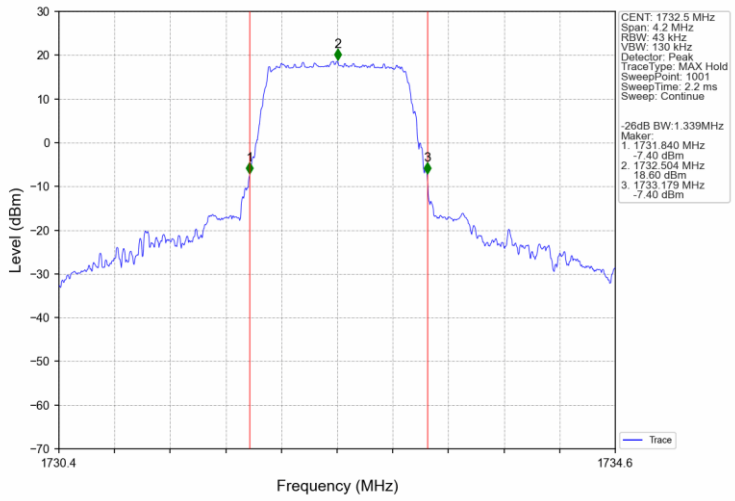


4.2.2 Band4_XDB

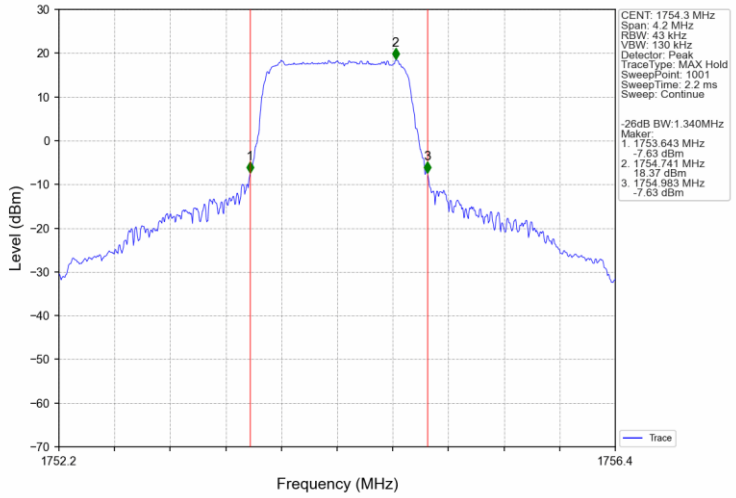
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



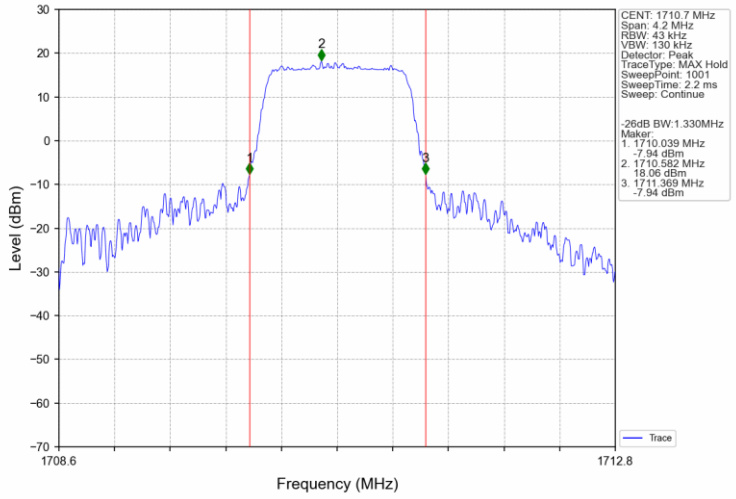
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



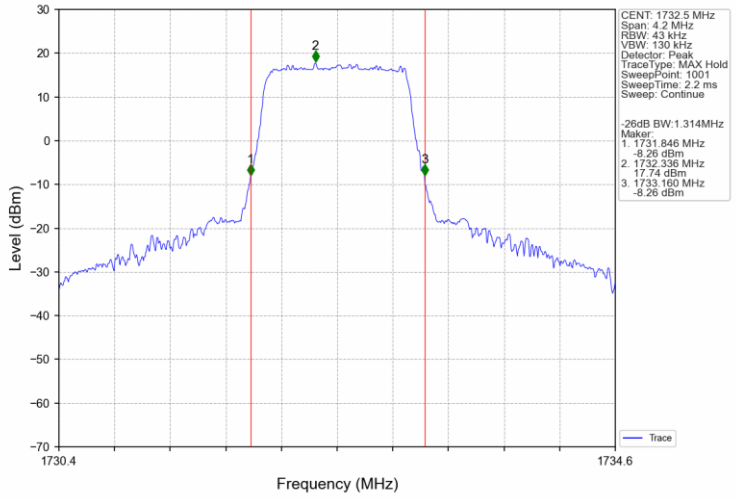
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



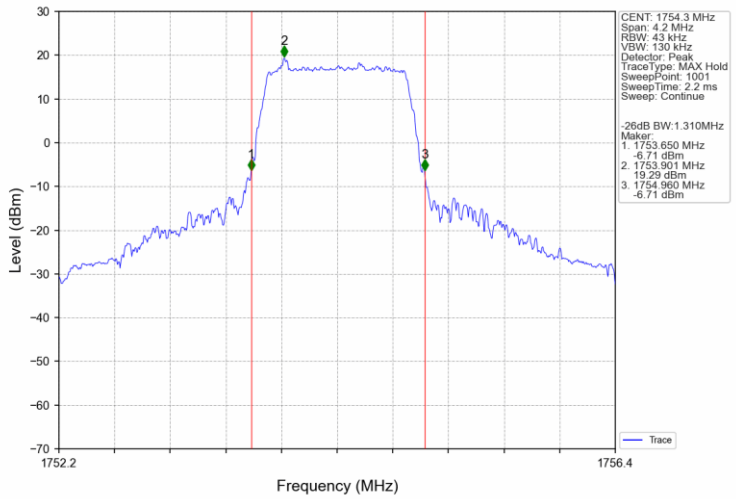
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



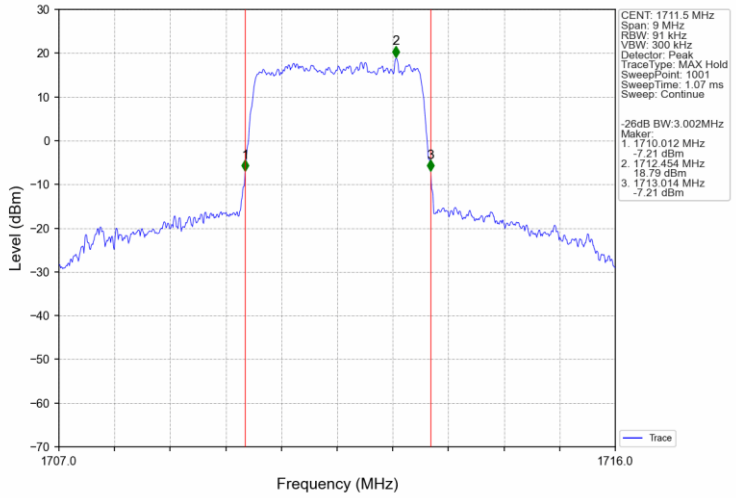
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



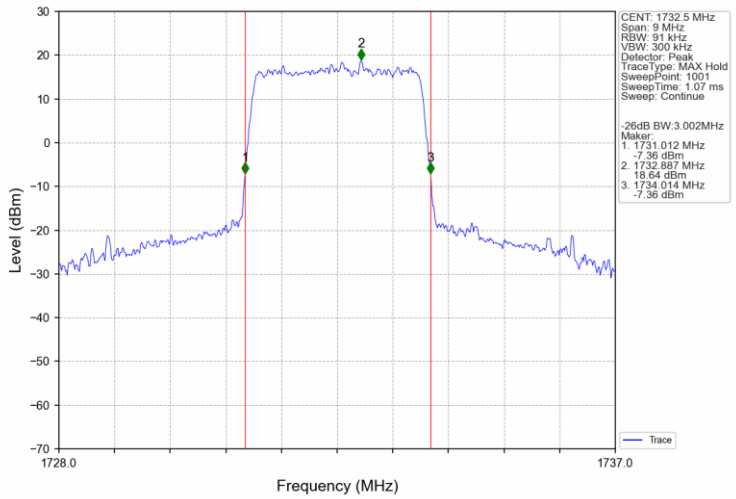
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



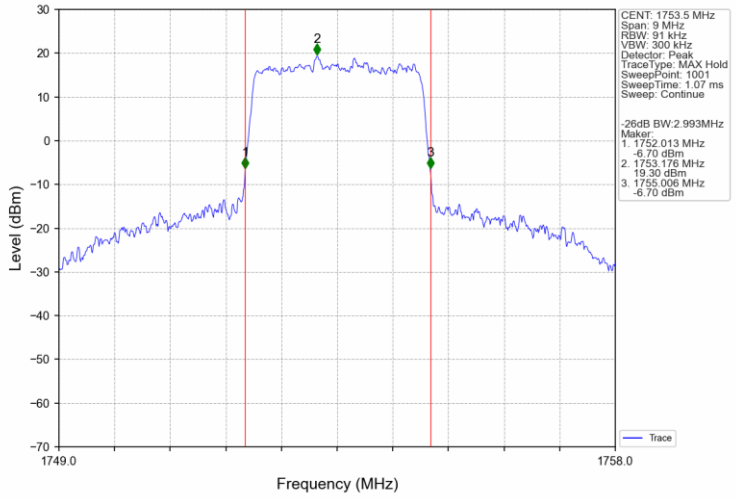
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



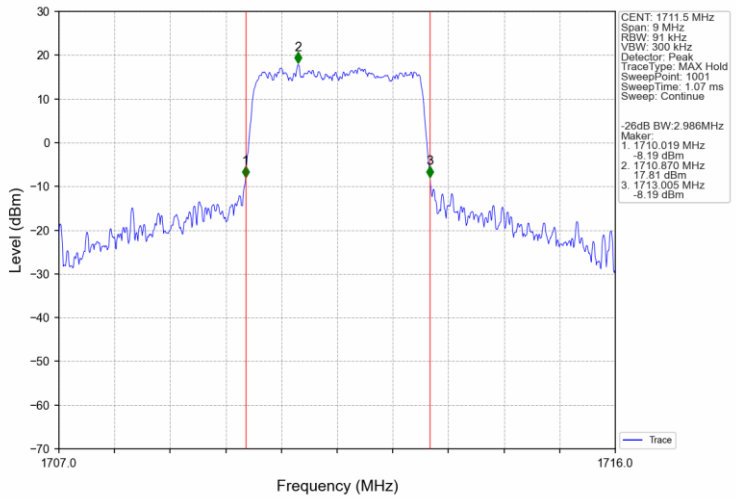
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



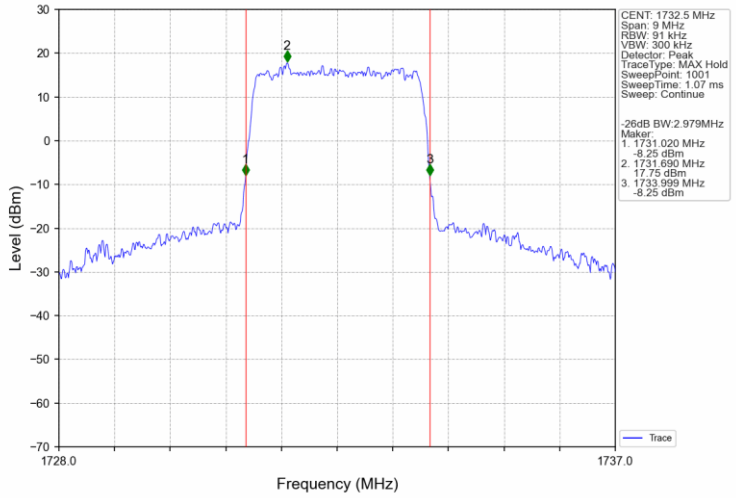
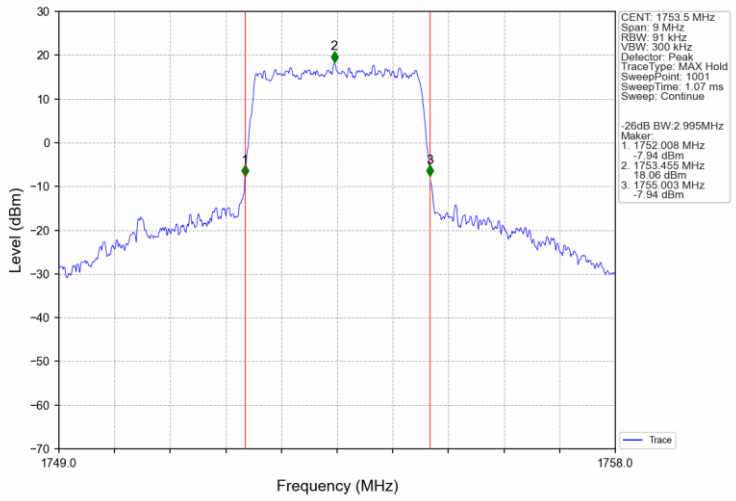
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV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