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	23.43	-0.72	22.71	<=30	Pass
			2	23.50	-0.72	22.78	<=30	Pass
			5	23.51	-0.72	22.79	<=30	Pass
		3	0	23.44	-0.72	22.72	<=30	Pass
			2	23.47	-0.72	22.75	<=30	Pass
			3	23.40	-0.72	22.68	<=30	Pass
		6	0	22.45	-0.72	21.73	<=30	Pass
	1732.5	1	0	23.49	-0.72	22.77	<=30	Pass
			2	23.49	-0.72	22.77	<=30	Pass
			5	23.49	-0.72	22.77	<=30	Pass
		3	0	23.39	-0.72	22.67	<=30	Pass
			2	23.46	-0.72	22.74	<=30	Pass
			3	23.41	-0.72	22.69	<=30	Pass
		6	0	22.41	-0.72	21.69	<=30	Pass
	1754.3	1	0	23.43	-0.72	22.71	<=30	Pass
			2	23.45	-0.72	22.73	<=30	Pass
			5	23.47	-0.72	22.75	<=30	Pass
		3	0	23.45	-0.72	22.73	<=30	Pass
			2	23.47	-0.72	22.75	<=30	Pass
			3	23.39	-0.72	22.67	<=30	Pass
		6	0	22.33	-0.72	21.61	<=30	Pass
16QAM	1710.7	1	0	22.52	-0.72	21.80	<=30	Pass
			2	22.50	-0.72	21.78	<=30	Pass
			5	22.51	-0.72	21.79	<=30	Pass
		3	0	22.34	-0.72	21.62	<=30	Pass
			2	22.35	-0.72	21.63	<=30	Pass
			3	22.31	-0.72	21.59	<=30	Pass
		6	0	21.47	-0.72	20.75	<=30	Pass
	1732.5	1	0	23.14	-0.72	22.42	<=30	Pass
			2	23.11	-0.72	22.39	<=30	Pass
			5	23.14	-0.72	22.42	<=30	Pass
		3	0	22.55	-0.72	21.83	<=30	Pass
			2	22.59	-0.72	21.87	<=30	Pass
			3	22.60	-0.72	21.88	<=30	Pass
		6	0	21.61	-0.72	20.89	<=30	Pass
	1754.3	1	0	22.99	-0.72	22.27	<=30	Pass
			2	22.99	-0.72	22.27	<=30	Pass
			5	23.06	-0.72	22.34	<=30	Pass
		3	0	22.09	-0.72	21.37	<=30	Pass
			2	22.03	-0.72	21.31	<=30	Pass
			3	22.07	-0.72	21.35	<=30	Pass
		6	0	21.41	-0.72	20.69	<=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	23.34	-0.72	22.62	<=30	Pass
			7	23.36	-0.72	22.64	<=30	Pass
			14	23.28	-0.72	22.56	<=30	Pass
		8	0	22.44	-0.72	21.72	<=30	Pass
			4	22.47	-0.72	21.75	<=30	Pass
			7	22.43	-0.72	21.71	<=30	Pass
		15	0	22.44	-0.72	21.72	<=30	Pass
	1732.5	1	0	23.48	-0.72	22.76	<=30	Pass
			7	23.39	-0.72	22.67	<=30	Pass
			14	23.43	-0.72	22.71	<=30	Pass
		8	0	22.40	-0.72	21.68	<=30	Pass
			4	22.39	-0.72	21.67	<=30	Pass
			7	22.39	-0.72	21.67	<=30	Pass
		15	0	22.45	-0.72	21.73	<=30	Pass
	1753.5	1	0	23.24	-0.72	22.52	<=30	Pass
			7	23.29	-0.72	22.57	<=30	Pass
			14	23.33	-0.72	22.61	<=30	Pass
		8	0	22.37	-0.72	21.65	<=30	Pass
			4	22.36	-0.72	21.64	<=30	Pass
			7	22.42	-0.72	21.70	<=30	Pass
		15	0	22.47	-0.72	21.75	<=30	Pass
16QAM	1711.5	1	0	23.20	-0.72	22.48	<=30	Pass
			7	23.16	-0.72	22.44	<=30	Pass
			14	23.11	-0.72	22.39	<=30	Pass
		8	0	21.63	-0.72	20.91	<=30	Pass
			4	21.67	-0.72	20.95	<=30	Pass
			7	21.62	-0.72	20.90	<=30	Pass
		15	0	21.54	-0.72	20.82	<=30	Pass
	1732.5	1	0	22.46	-0.72	21.74	<=30	Pass
			7	22.42	-0.72	21.70	<=30	Pass
			14	22.44	-0.72	21.72	<=30	Pass
		8	0	21.66	-0.72	20.94	<=30	Pass
			4	21.68	-0.72	20.96	<=30	Pass
			7	21.67	-0.72	20.95	<=30	Pass
		15	0	21.48	-0.72	20.76	<=30	Pass
	1753.5	1	0	23.21	-0.72	22.49	<=30	Pass
			7	23.18	-0.72	22.46	<=30	Pass
			14	23.14	-0.72	22.42	<=30	Pass
		8	0	21.57	-0.72	20.85	<=30	Pass
			4	21.60	-0.72	20.88	<=30	Pass
			7	21.53	-0.72	20.81	<=30	Pass
		15	0	21.47	-0.72	20.75	<=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	23.40	-0.72	22.68	<=30	Pass
			13	23.32	-0.72	22.60	<=30	Pass
			24	23.38	-0.72	22.66	<=30	Pass
		12	0	22.50	-0.72	21.78	<=30	Pass
			6	22.37	-0.72	21.65	<=30	Pass
			13	22.43	-0.72	21.71	<=30	Pass
		25	0	22.37	-0.72	21.65	<=30	Pass
	1732.5	1	0	23.48	-0.72	22.76	<=30	Pass
			13	23.29	-0.72	22.57	<=30	Pass
			24	23.28	-0.72	22.56	<=30	Pass
		12	0	22.43	-0.72	21.71	<=30	Pass
			6	22.39	-0.72	21.67	<=30	Pass
			13	22.44	-0.72	21.72	<=30	Pass
		25	0	22.48	-0.72	21.76	<=30	Pass
	1752.5	1	0	23.51	-0.72	22.79	<=30	Pass
			13	23.51	-0.72	22.79	<=30	Pass
			24	23.43	-0.72	22.71	<=30	Pass
		12	0	22.46	-0.72	21.74	<=30	Pass
			6	22.40	-0.72	21.68	<=30	Pass
			13	22.51	-0.72	21.79	<=30	Pass
		25	0	22.37	-0.72	21.65	<=30	Pass
16QAM	1712.5	1	0	22.16	-0.72	21.44	<=30	Pass
			13	22.09	-0.72	21.37	<=30	Pass
			24	22.14	-0.72	21.42	<=30	Pass
		12	0	21.41	-0.72	20.69	<=30	Pass
			6	21.38	-0.72	20.66	<=30	Pass
			13	21.37	-0.72	20.65	<=30	Pass
		25	0	21.52	-0.72	20.80	<=30	Pass
	1732.5	1	0	23.02	-0.72	22.30	<=30	Pass
			13	23.01	-0.72	22.29	<=30	Pass
			24	23.06	-0.72	22.34	<=30	Pass
		12	0	21.47	-0.72	20.75	<=30	Pass
			6	21.50	-0.72	20.78	<=30	Pass
			13	21.45	-0.72	20.73	<=30	Pass
		25	0	21.54	-0.72	20.82	<=30	Pass
	1752.5	1	0	22.67	-0.72	21.95	<=30	Pass
			13	22.69	-0.72	21.97	<=30	Pass
			24	22.65	-0.72	21.93	<=30	Pass
		12	0	21.33	-0.72	20.61	<=30	Pass
			6	21.37	-0.72	20.65	<=30	Pass
			13	21.38	-0.72	20.66	<=30	Pass
		25	0	21.34	-0.72	20.62	<=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	23.46	-0.72	22.74	<=30	Pass
			25	23.49	-0.72	22.77	<=30	Pass
			49	23.49	-0.72	22.77	<=30	Pass
		25	0	22.38	-0.72	21.66	<=30	Pass
			13	22.47	-0.72	21.75	<=30	Pass
			25	22.53	-0.72	21.81	<=30	Pass
		50	0	22.51	-0.72	21.79	<=30	Pass
	1732.5	1	0	23.44	-0.72	22.72	<=30	Pass
			25	23.35	-0.72	22.63	<=30	Pass
			49	23.39	-0.72	22.67	<=30	Pass
		25	0	22.44	-0.72	21.72	<=30	Pass
			13	22.43	-0.72	21.71	<=30	Pass
			25	22.38	-0.72	21.66	<=30	Pass
		50	0	22.48	-0.72	21.76	<=30	Pass
	1750	1	0	23.39	-0.72	22.67	<=30	Pass
			25	23.43	-0.72	22.71	<=30	Pass
			49	23.48	-0.72	22.76	<=30	Pass
		25	0	22.47	-0.72	21.75	<=30	Pass
			13	22.39	-0.72	21.67	<=30	Pass
			25	22.37	-0.72	21.65	<=30	Pass
		50	0	22.42	-0.72	21.70	<=30	Pass
16QAM	1715	1	0	23.49	-0.72	22.77	<=30	Pass
			25	23.45	-0.72	22.73	<=30	Pass
			49	23.45	-0.72	22.73	<=30	Pass
		25	0	21.45	-0.72	20.73	<=30	Pass
			13	21.52	-0.72	20.80	<=30	Pass
			25	21.52	-0.72	20.80	<=30	Pass
		50	0	21.47	-0.72	20.75	<=30	Pass
	1732.5	1	0	22.75	-0.72	22.03	<=30	Pass
			25	22.73	-0.72	22.01	<=30	Pass
			49	22.80	-0.72	22.08	<=30	Pass
		25	0	21.63	-0.72	20.91	<=30	Pass
			13	21.65	-0.72	20.93	<=30	Pass
			25	21.65	-0.72	20.93	<=30	Pass
		50	0	21.53	-0.72	20.81	<=30	Pass
	1750	1	0	23.73	-0.72	23.01	<=30	Pass
			25	23.77	-0.72	23.05	<=30	Pass
			49	23.84	-0.72	23.12	<=30	Pass
		25	0	21.53	-0.72	20.81	<=30	Pass
			13	21.49	-0.72	20.77	<=30	Pass
			25	21.50	-0.72	20.78	<=30	Pass
		50	0	21.41	-0.72	20.69	<=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	23.43	-0.72	22.71	<=30	Pass
			38	23.43	-0.72	22.71	<=30	Pass
			74	23.44	-0.72	22.72	<=30	Pass
		36	0	22.45	-0.72	21.73	<=30	Pass
			18	22.42	-0.72	21.70	<=30	Pass
			39	22.41	-0.72	21.69	<=30	Pass
		75	0	22.53	-0.72	21.81	<=30	Pass
	1732.5	1	0	23.32	-0.72	22.60	<=30	Pass
			38	23.29	-0.72	22.57	<=30	Pass
			74	23.24	-0.72	22.52	<=30	Pass
		36	0	22.44	-0.72	21.72	<=30	Pass
			18	22.45	-0.72	21.73	<=30	Pass
			39	22.41	-0.72	21.69	<=30	Pass
		75	0	22.44	-0.72	21.72	<=30	Pass
	1747.5	1	0	23.45	-0.72	22.73	<=30	Pass
			38	23.47	-0.72	22.75	<=30	Pass
			74	23.44	-0.72	22.72	<=30	Pass
		36	0	22.49	-0.72	21.77	<=30	Pass
			18	22.44	-0.72	21.72	<=30	Pass
			39	22.40	-0.72	21.68	<=30	Pass
		75	0	22.45	-0.72	21.73	<=30	Pass
16QAM	1717.5	1	0	23.43	-0.72	22.71	<=30	Pass
			38	23.42	-0.72	22.70	<=30	Pass
			74	23.45	-0.72	22.73	<=30	Pass
		36	0	21.44	-0.72	20.72	<=30	Pass
			18	21.49	-0.72	20.77	<=30	Pass
			39	21.45	-0.72	20.73	<=30	Pass
		75	0	21.46	-0.72	20.74	<=30	Pass
	1732.5	1	0	23.10	-0.72	22.38	<=30	Pass
			38	23.04	-0.72	22.32	<=30	Pass
			74	22.97	-0.72	22.25	<=30	Pass
		36	0	21.43	-0.72	20.71	<=30	Pass
			18	21.50	-0.72	20.78	<=30	Pass
			39	21.52	-0.72	20.80	<=30	Pass
		75	0	21.46	-0.72	20.74	<=30	Pass
	1747.5	1	0	23.75	-0.72	23.03	<=30	Pass
			38	23.80	-0.72	23.08	<=30	Pass
			74	23.79	-0.72	23.07	<=30	Pass
		36	0	21.46	-0.72	20.74	<=30	Pass
			18	21.51	-0.72	20.79	<=30	Pass
			39	21.51	-0.72	20.79	<=30	Pass
		75	0	21.56	-0.72	20.84	<=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	23.43	-0.72	22.71	<=30	Pass
			50	23.40	-0.72	22.68	<=30	Pass
			99	23.44	-0.72	22.72	<=30	Pass
		50	0	22.45	-0.72	21.73	<=30	Pass
			25	22.40	-0.72	21.68	<=30	Pass
			50	22.42	-0.72	21.70	<=30	Pass
		100	0	22.47	-0.72	21.75	<=30	Pass
	1732.5	1	0	23.51	-0.72	22.79	<=30	Pass
			50	23.44	-0.72	22.72	<=30	Pass
			99	23.41	-0.72	22.69	<=30	Pass
		50	0	22.42	-0.72	21.70	<=30	Pass
			25	22.46	-0.72	21.74	<=30	Pass
			50	22.42	-0.72	21.70	<=30	Pass
		100	0	22.42	-0.72	21.70	<=30	Pass
	1745	1	0	23.66	-0.72	22.94	<=30	Pass
			50	23.63	-0.72	22.91	<=30	Pass
			99	23.69	-0.72	22.97	<=30	Pass
		50	0	22.48	-0.72	21.76	<=30	Pass
			25	22.50	-0.72	21.78	<=30	Pass
			50	22.37	-0.72	21.65	<=30	Pass
		100	0	22.48	-0.72	21.76	<=30	Pass
16QAM	1720	1	0	23.03	-0.72	22.31	<=30	Pass
			50	22.98	-0.72	22.26	<=30	Pass
			99	23.02	-0.72	22.30	<=30	Pass
		50	0	21.52	-0.72	20.80	<=30	Pass
			25	21.54	-0.72	20.82	<=30	Pass
			50	21.58	-0.72	20.86	<=30	Pass
		100	0	21.46	-0.72	20.74	<=30	Pass
	1732.5	1	0	23.78	-0.72	23.06	<=30	Pass
			50	23.76	-0.72	23.04	<=30	Pass
			99	23.64	-0.72	22.92	<=30	Pass
		50	0	21.45	-0.72	20.73	<=30	Pass
			25	21.48	-0.72	20.76	<=30	Pass
			50	21.46	-0.72	20.74	<=30	Pass
		100	0	21.50	-0.72	20.78	<=30	Pass
	1745	1	0	22.82	-0.72	22.10	<=30	Pass
			50	22.89	-0.72	22.17	<=30	Pass
			99	22.79	-0.72	22.07	<=30	Pass
		50	0	21.36	-0.72	20.64	<=30	Pass
			25	21.48	-0.72	20.76	<=30	Pass
			50	21.38	-0.72	20.66	<=30	Pass
		100	0	21.48	-0.72	20.76	<=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	32.902	0.0192	-2.5 to 2.5	Pass
					3.85	17.710	0.0104	-2.5 to 2.5	Pass
					4.43	-9.713	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-32.587	-0.0190	-2.5 to 2.5	Pass
				-20	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-38.695	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-39.339	-0.0230	-2.5 to 2.5	Pass
				30	3.85	-14.935	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-25.277	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-32.787	-0.0192	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	16.179	0.0093	-2.5 to 2.5	Pass
					3.85	37.465	0.0216	-2.5 to 2.5	Pass
					4.43	28.968	0.0167	-2.5 to 2.5	Pass
				-30	3.85	13.919	0.0080	-2.5 to 2.5	Pass
				-20	3.85	34.161	0.0197	-2.5 to 2.5	Pass
				-10	3.85	30.971	0.0179	-2.5 to 2.5	Pass
				0	3.85	26.665	0.0154	-2.5 to 2.5	Pass
				10	3.85	-9.570	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-9.155	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-13.762	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	34.318	0.0196	-2.5 to 2.5	Pass
					3.85	13.561	0.0077	-2.5 to 2.5	Pass
					4.43	11.759	0.0067	-2.5 to 2.5	Pass
				-30	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-22.731	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-10.514	-0.0060	-2.5 to 2.5	Pass
				0	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				10	3.85	-22.202	-0.0127	-2.5 to 2.5	Pass
				30	3.85	15.521	0.0088	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-14.019	-0.0080	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-36.521	-0.0213	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
					4.43	-26.364	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-38.610	-0.0226	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-18.425	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-29.140	-0.0170	-2.5 to 2.5	Pass
				10	3.85	-33.517	-0.0196	-2.5 to 2.5	Pass
				30	3.85	-41.986	-0.0245	-2.5 to 2.5	Pass
				40	3.85	-6.838	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	5.679	0.0033	-2.5 to 2.5	Pass
					3.85	15.421	0.0089	-2.5 to 2.5	Pass
					4.43	30.813	0.0178	-2.5 to 2.5	Pass
				-30	3.85	44.990	0.0260	-2.5 to 2.5	Pass
				-20	3.85	5.894	0.0034	-2.5 to 2.5	Pass
				-10	3.85	21.558	0.0124	-2.5 to 2.5	Pass

				0	3.85	-34.575	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				30	3.85	7.982	0.0046	-2.5 to 2.5	Pass
				40	3.85	18.682	0.0108	-2.5 to 2.5	Pass
				50	3.85	27.366	0.0158	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-24.133	-0.0138	-2.5 to 2.5	Pass
					3.85	-31.457	-0.0179	-2.5 to 2.5	Pass
					4.43	-20.585	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-12.088	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				0	3.85	-12.517	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-9.985	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0017	-2.5 to 2.5	Pass
				50	3.85	11.387	0.0065	-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	27.494	0.0161	-2.5 to 2.5	Pass
					3.85	-9.356	-0.0055	-2.5 to 2.5	Pass
					4.43	-16.823	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-22.917	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	-10.028	-0.0059	-2.5 to 2.5	Pass
				0	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				10	3.85	-18.582	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-39.053	-0.0228	-2.5 to 2.5	Pass
				40	3.85	-12.903	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-32.229	-0.0188	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-3.605	-0.0021	-2.5 to 2.5	Pass
					3.85	24.533	0.0142	-2.5 to 2.5	Pass
					4.43	21.601	0.0125	-2.5 to 2.5	Pass
				-30	3.85	26.822	0.0155	-2.5 to 2.5	Pass
				-20	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	15.821	0.0091	-2.5 to 2.5	Pass
				0	3.85	17.595	0.0102	-2.5 to 2.5	Pass
				10	3.85	24.905	0.0144	-2.5 to 2.5	Pass
				30	3.85	30.327	0.0175	-2.5 to 2.5	Pass
				40	3.85	33.588	0.0194	-2.5 to 2.5	Pass
				50	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	40.183	0.0229	-2.5 to 2.5	Pass
					3.85	22.345	0.0127	-2.5 to 2.5	Pass
					4.43	26.751	0.0153	-2.5 to 2.5	Pass
				-30	3.85	17.781	0.0101	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-19.283	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-18.668	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-25.177	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-37.222	-0.0212	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-28.310	-0.0165	-2.5 to 2.5	Pass
					3.85	-35.019	-0.0205	-2.5 to 2.5	Pass
					4.43	-21.186	-0.0124	-2.5 to 2.5	Pass

				-30	3.85	-17.552	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-10.557	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-9.627	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				30	3.85	5.851	0.0034	-2.5 to 2.5	Pass
				40	3.85	11.530	0.0067	-2.5 to 2.5	Pass
				50	3.85	20.986	0.0123	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	7.052	0.0041	-2.5 to 2.5	Pass
					3.85	19.584	0.0113	-2.5 to 2.5	Pass
					4.43	29.941	0.0173	-2.5 to 2.5	Pass
				-30	3.85	37.808	0.0218	-2.5 to 2.5	Pass
				-20	3.85	9.727	0.0056	-2.5 to 2.5	Pass
				-10	3.85	25.992	0.0150	-2.5 to 2.5	Pass
				0	3.85	-8.268	-0.0048	-2.5 to 2.5	Pass
				10	3.85	7.110	0.0041	-2.5 to 2.5	Pass
				30	3.85	19.741	0.0114	-2.5 to 2.5	Pass
				40	3.85	13.318	0.0077	-2.5 to 2.5	Pass
				50	3.85	-9.542	-0.0055	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-26.608	-0.0152	-2.5 to 2.5	Pass
					3.85	-31.672	-0.0181	-2.5 to 2.5	Pass
					4.43	-28.453	-0.0162	-2.5 to 2.5	Pass
				-30	3.85	-23.203	-0.0132	-2.5 to 2.5	Pass
				-20	3.85	-12.631	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-11.845	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-14.005	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				40	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				50	3.85	9.127	0.0052	-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	35.806	0.0209	-2.5 to 2.5	Pass
					3.85	34.361	0.0201	-2.5 to 2.5	Pass
					4.43	32.330	0.0189	-2.5 to 2.5	Pass
				-30	3.85	-8.140	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-20.871	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-36.135	-0.0211	-2.5 to 2.5	Pass
				0	3.85	-14.191	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-25.663	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-11.730	-0.0068	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	36.793	0.0212	-2.5 to 2.5	Pass
					3.85	17.853	0.0103	-2.5 to 2.5	Pass
					4.43	36.449	0.0210	-2.5 to 2.5	Pass
				-30	3.85	42.930	0.0248	-2.5 to 2.5	Pass
				-20	3.85	27.308	0.0158	-2.5 to 2.5	Pass
				-10	3.85	26.364	0.0152	-2.5 to 2.5	Pass
				0	3.85	15.306	0.0088	-2.5 to 2.5	Pass
				10	3.85	22.502	0.0130	-2.5 to 2.5	Pass
				30	3.85	23.260	0.0134	-2.5 to 2.5	Pass
				40	3.85	29.583	0.0171	-2.5 to 2.5	Pass
				50	3.85	35.362	0.0204	-2.5 to 2.5	Pass

	1752.5	25	0	20	3.27	44.432	0.0254	-2.5 to 2.5	Pass
					3.85	14.577	0.0083	-2.5 to 2.5	Pass
					4.43	13.046	0.0074	-2.5 to 2.5	Pass
				-30	3.85	-16.408	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-31.643	-0.0181	-2.5 to 2.5	Pass
				-10	3.85	-14.648	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-18.325	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-14.448	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-18.082	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-30.684	-0.0179	-2.5 to 2.5	Pass
					3.85	7.324	0.0043	-2.5 to 2.5	Pass
					4.43	-19.555	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-33.703	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-27.866	-0.0163	-2.5 to 2.5	Pass
				-10	3.85	-28.539	-0.0167	-2.5 to 2.5	Pass
				0	3.85	-19.283	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-12.360	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0015	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	8.669	0.0050	-2.5 to 2.5	Pass
					3.85	18.983	0.0110	-2.5 to 2.5	Pass
					4.43	32.187	0.0186	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	11.859	0.0068	-2.5 to 2.5	Pass
				-10	3.85	18.754	0.0108	-2.5 to 2.5	Pass
				0	3.85	27.337	0.0158	-2.5 to 2.5	Pass
				10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				30	3.85	8.841	0.0051	-2.5 to 2.5	Pass
				40	3.85	16.136	0.0093	-2.5 to 2.5	Pass
				50	3.85	25.535	0.0147	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-26.593	-0.0152	-2.5 to 2.5	Pass
					3.85	-28.825	-0.0164	-2.5 to 2.5	Pass
					4.43	-20.571	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	16.751	0.0096	-2.5 to 2.5	Pass
				-20	3.85	24.977	0.0143	-2.5 to 2.5	Pass
				-10	3.85	9.956	0.0057	-2.5 to 2.5	Pass
				0	3.85	17.438	0.0100	-2.5 to 2.5	Pass
				10	3.85	26.822	0.0153	-2.5 to 2.5	Pass
				30	3.85	12.960	0.0074	-2.5 to 2.5	Pass
				40	3.85	21.930	0.0125	-2.5 to 2.5	Pass
				50	3.85	24.991	0.0143	-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	1.774	0.0010	-2.5 to 2.5	Pass
					3.85	6.008	0.0035	-2.5 to 2.5	Pass
					4.43	-29.368	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-27.838	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	-19.240	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-10.786	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0044	-2.5 to 2.5	Pass

				30	3.85	-37.351	-0.0218	-2.5 to 2.5	Pass
				40	3.85	-30.627	-0.0179	-2.5 to 2.5	Pass
				50	3.85	-21.715	-0.0127	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	20.685	0.0119	-2.5 to 2.5	Pass
					3.85	31.443	0.0181	-2.5 to 2.5	Pass
					4.43	20.900	0.0121	-2.5 to 2.5	Pass
				-30	3.85	30.112	0.0174	-2.5 to 2.5	Pass
				-20	3.85	23.589	0.0136	-2.5 to 2.5	Pass
				-10	3.85	15.178	0.0088	-2.5 to 2.5	Pass
				0	3.85	26.894	0.0155	-2.5 to 2.5	Pass
				10	3.85	15.922	0.0092	-2.5 to 2.5	Pass
				30	3.85	21.687	0.0125	-2.5 to 2.5	Pass
				40	3.85	19.269	0.0111	-2.5 to 2.5	Pass
				50	3.85	25.234	0.0146	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	5.550	0.0032	-2.5 to 2.5	Pass
					3.85	10.228	0.0058	-2.5 to 2.5	Pass
					4.43	-22.144	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-9.427	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-26.321	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-45.075	-0.0258	-2.5 to 2.5	Pass
				0	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	-9.570	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-13.003	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-11.587	-0.0066	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	1.459	0.0009	-2.5 to 2.5	Pass
					4.43	13.976	0.0081	-2.5 to 2.5	Pass
				-30	3.85	33.331	0.0194	-2.5 to 2.5	Pass
				-20	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				0	3.85	18.010	0.0105	-2.5 to 2.5	Pass
				10	3.85	26.407	0.0154	-2.5 to 2.5	Pass
				30	3.85	-10.600	-0.0062	-2.5 to 2.5	Pass
				40	3.85	2.675	0.0016	-2.5 to 2.5	Pass
				50	3.85	10.371	0.0060	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	18.811	0.0109	-2.5 to 2.5	Pass
					3.85	38.381	0.0222	-2.5 to 2.5	Pass
					4.43	12.875	0.0074	-2.5 to 2.5	Pass
				-30	3.85	6.809	0.0039	-2.5 to 2.5	Pass
				-20	3.85	32.830	0.0189	-2.5 to 2.5	Pass
				-10	3.85	13.075	0.0075	-2.5 to 2.5	Pass
				0	3.85	10.371	0.0060	-2.5 to 2.5	Pass
				10	3.85	27.909	0.0161	-2.5 to 2.5	Pass
				30	3.85	27.065	0.0156	-2.5 to 2.5	Pass
				40	3.85	15.850	0.0091	-2.5 to 2.5	Pass
				50	3.85	30.642	0.0177	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-9.513	-0.0054	-2.5 to 2.5	Pass
					3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
					4.43	19.312	0.0110	-2.5 to 2.5	Pass
				-30	3.85	34.862	0.0199	-2.5 to 2.5	Pass
				-20	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				-10	3.85	28.095	0.0161	-2.5 to 2.5	Pass
				0	3.85	-13.146	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				30	3.85	6.051	0.0035	-2.5 to 2.5	Pass
				40	3.85	15.364	0.0088	-2.5 to 2.5	Pass
				50	3.85	13.146	0.0075	-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	21.257	0.0124	-2.5 to 2.5	Pass
					3.85	19.484	0.0113	-2.5 to 2.5	Pass
					4.43	-33.975	-0.0198	-2.5 to 2.5	Pass
				-30	3.85	-26.350	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-20.213	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-13.819	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-19.426	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-18.067	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-32.001	-0.0186	-2.5 to 2.5	Pass
				40	3.85	-20.943	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-33.259	-0.0194	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	13.146	0.0076	-2.5 to 2.5	Pass
					3.85	26.879	0.0155	-2.5 to 2.5	Pass
					4.43	28.610	0.0165	-2.5 to 2.5	Pass
				-30	3.85	37.522	0.0217	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	14.176	0.0082	-2.5 to 2.5	Pass
				0	3.85	16.336	0.0094	-2.5 to 2.5	Pass
				10	3.85	26.793	0.0155	-2.5 to 2.5	Pass
				30	3.85	42.415	0.0245	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-14.377	-0.0083	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	21.501	0.0123	-2.5 to 2.5	Pass
					3.85	16.909	0.0097	-2.5 to 2.5	Pass
					4.43	-13.433	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-25.463	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	-31.114	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	9.184	0.0053	-2.5 to 2.5	Pass
				0	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				10	3.85	4.377	0.0025	-2.5 to 2.5	Pass
				30	3.85	4.005	0.0023	-2.5 to 2.5	Pass
				40	3.85	33.388	0.0191	-2.5 to 2.5	Pass
				50	3.85	31.385	0.0180	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-13.990	-0.0081	-2.5 to 2.5	Pass
					3.85	-13.819	-0.0080	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	4.120	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	3.362	0.0020	-2.5 to 2.5	Pass
				0	3.85	14.620	0.0085	-2.5 to 2.5	Pass
				10	3.85	24.004	0.0140	-2.5 to 2.5	Pass
				30	3.85	33.317	0.0194	-2.5 to 2.5	Pass
				40	3.85	32.730	0.0191	-2.5 to 2.5	Pass
				50	3.85	20.871	0.0122	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-4.835	-0.0028	-2.5 to 2.5	Pass
					3.85	21.830	0.0126	-2.5 to 2.5	Pass
					4.43	12.488	0.0072	-2.5 to 2.5	Pass
				-30	3.85	31.099	0.0180	-2.5 to 2.5	Pass
				-20	3.85	21.758	0.0126	-2.5 to 2.5	Pass
				-10	3.85	-13.046	-0.0075	-2.5 to 2.5	Pass
				0	3.85	9.184	0.0053	-2.5 to 2.5	Pass
				10	3.85	19.412	0.0112	-2.5 to 2.5	Pass
				30	3.85	27.752	0.0160	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				50	3.85	15.435	0.0089	-2.5 to 2.5	Pass

	1747.5	75	0	20	3.27	0.730	0.0004	-2.5 to 2.5	Pass
					3.85	12.374	0.0071	-2.5 to 2.5	Pass
					4.43	29.526	0.0169	-2.5 to 2.5	Pass
				-30	3.85	15.063	0.0086	-2.5 to 2.5	Pass
				-20	3.85	4.249	0.0024	-2.5 to 2.5	Pass
				-10	3.85	16.909	0.0097	-2.5 to 2.5	Pass
				0	3.85	32.344	0.0185	-2.5 to 2.5	Pass
				10	3.85	6.752	0.0039	-2.5 to 2.5	Pass
				30	3.85	22.631	0.0130	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				50	3.85	5.865	0.0034	-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	23.332	0.0136	-2.5 to 2.5	Pass
					3.85	-30.041	-0.0175	-2.5 to 2.5	Pass
					4.43	-9.713	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-35.634	-0.0207	-2.5 to 2.5	Pass
				-20	3.85	-23.689	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-12.517	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-25.091	-0.0146	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-28.310	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-22.759	-0.0132	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	10.815	0.0062	-2.5 to 2.5	Pass
					3.85	11.001	0.0063	-2.5 to 2.5	Pass
					4.43	22.817	0.0132	-2.5 to 2.5	Pass
				-30	3.85	30.427	0.0176	-2.5 to 2.5	Pass
				-20	3.85	41.127	0.0237	-2.5 to 2.5	Pass
				-10	3.85	33.846	0.0195	-2.5 to 2.5	Pass
				0	3.85	-22.931	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-13.604	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-8.998	-0.0052	-2.5 to 2.5	Pass
				50	3.85	1.173	0.0007	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	21.071	0.0121	-2.5 to 2.5	Pass
					3.85	1.502	0.0009	-2.5 to 2.5	Pass
					4.43	-12.188	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-27.881	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-37.007	-0.0212	-2.5 to 2.5	Pass
				-10	3.85	-17.638	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-29.340	-0.0168	-2.5 to 2.5	Pass
				10	3.85	13.289	0.0076	-2.5 to 2.5	Pass
				30	3.85	20.599	0.0118	-2.5 to 2.5	Pass
				40	3.85	30.999	0.0178	-2.5 to 2.5	Pass
				50	3.85	33.989	0.0195	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	1.616	0.0009	-2.5 to 2.5	Pass
					3.85	33.145	0.0193	-2.5 to 2.5	Pass
					4.43	18.883	0.0110	-2.5 to 2.5	Pass
				-30	3.85	-12.846	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				0	3.85	25.220	0.0147	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass

				30	3.85	35.419	0.0206	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				50	3.85	13.947	0.0081	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	13.146	0.0076	-2.5 to 2.5	Pass
					3.85	8.240	0.0048	-2.5 to 2.5	Pass
					4.43	2.589	0.0015	-2.5 to 2.5	Pass
				-30	3.85	12.045	0.0070	-2.5 to 2.5	Pass
				-20	3.85	16.751	0.0097	-2.5 to 2.5	Pass
				-10	3.85	18.768	0.0108	-2.5 to 2.5	Pass
				0	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				10	3.85	-11.673	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				40	3.85	23.217	0.0134	-2.5 to 2.5	Pass
				50	3.85	12.932	0.0075	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	34.432	0.0197	-2.5 to 2.5	Pass
					3.85	22.416	0.0128	-2.5 to 2.5	Pass
					4.43	1.273	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	22.058	0.0126	-2.5 to 2.5	Pass
				-10	3.85	8.726	0.0050	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				10	3.85	10.686	0.0061	-2.5 to 2.5	Pass
				30	3.85	33.360	0.0191	-2.5 to 2.5	Pass
				40	3.85	11.101	0.0064	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0017	-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

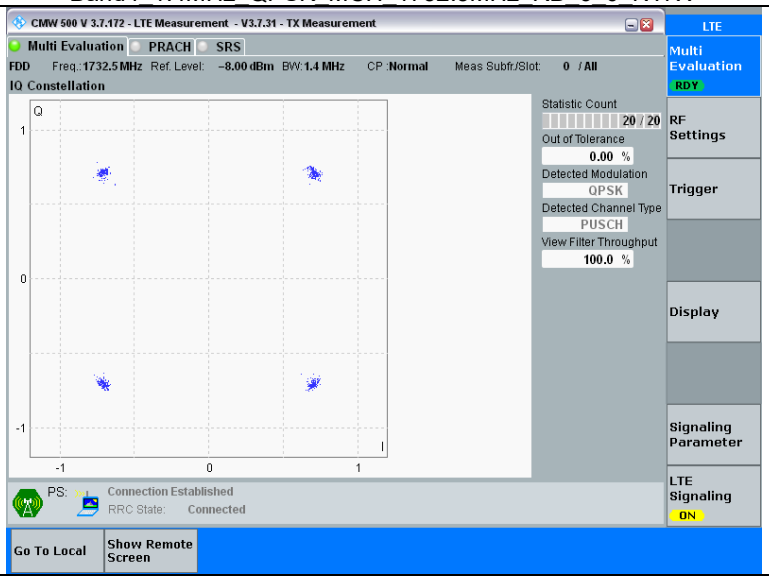
3.1.6 B4_20MHz

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

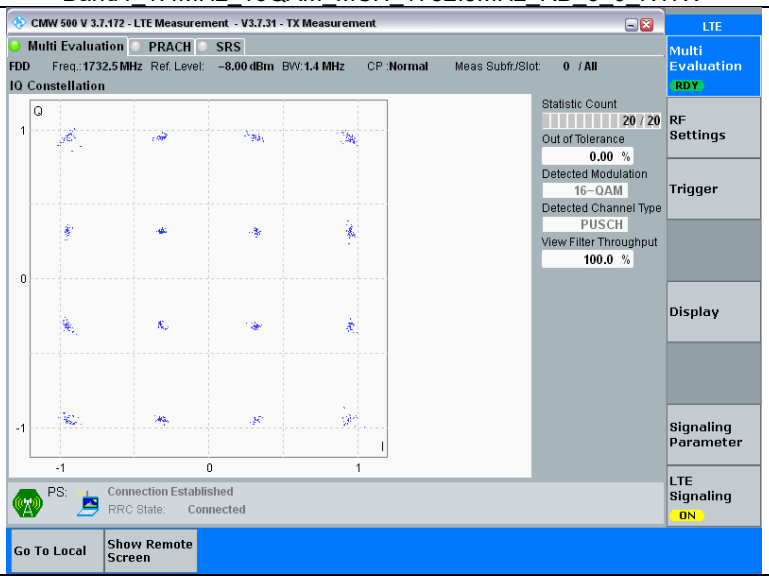
3.2 Test Graph

3.2.1 B4_1.4MHz

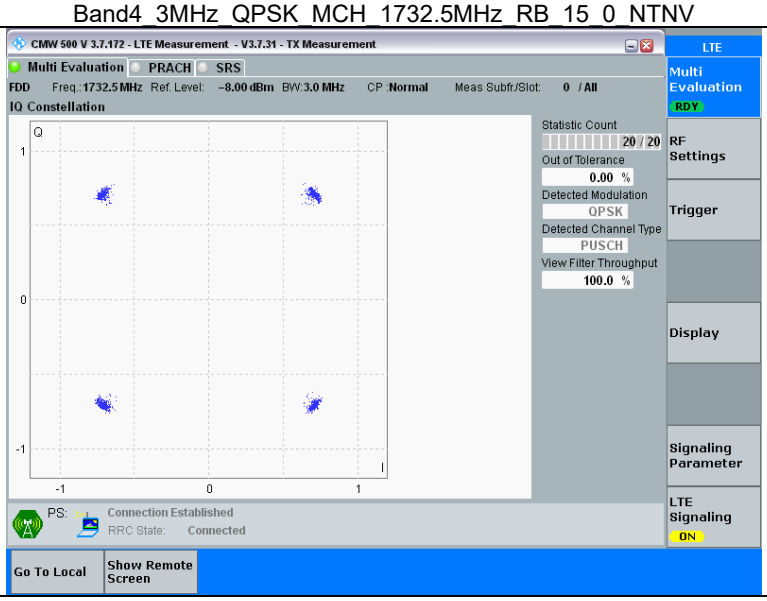
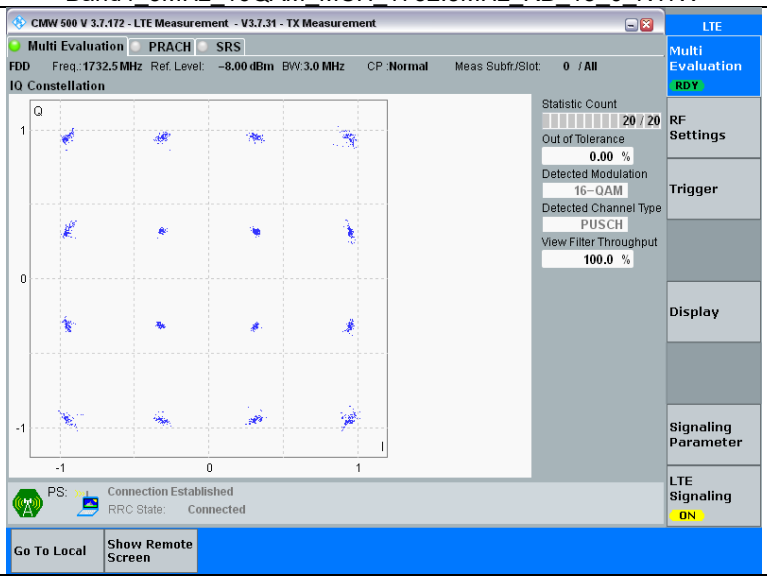
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



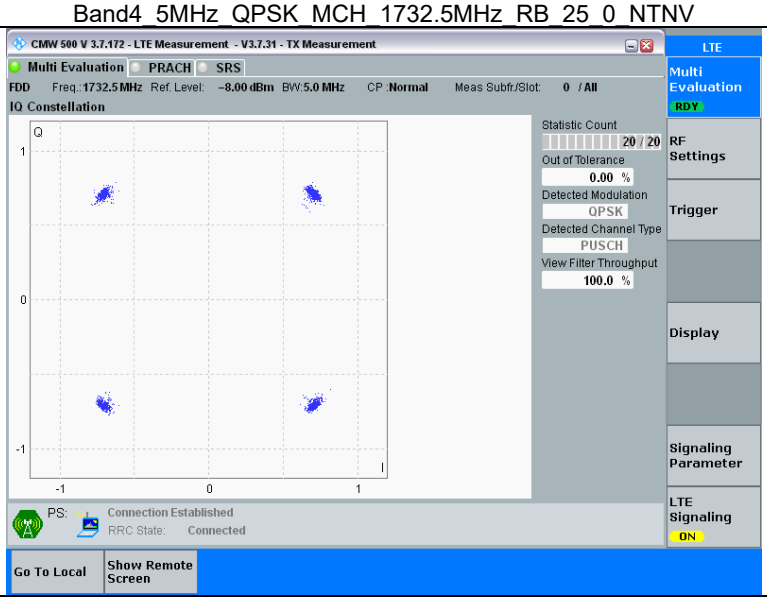
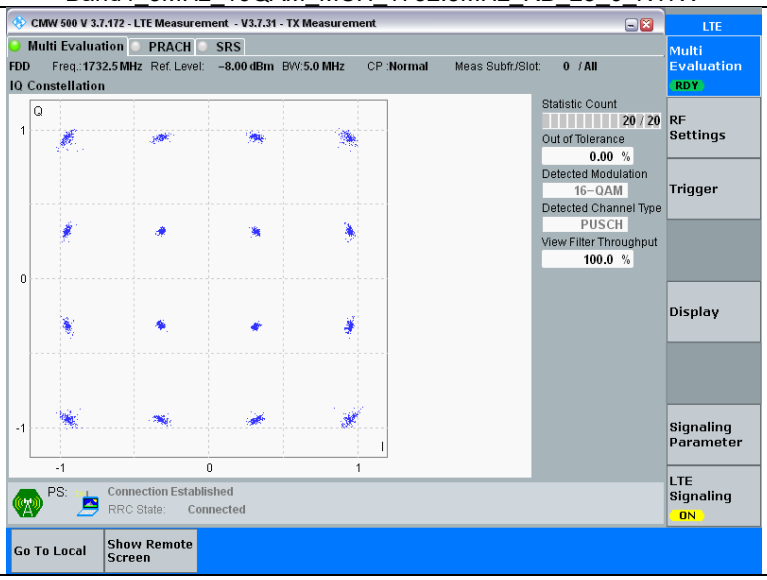
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



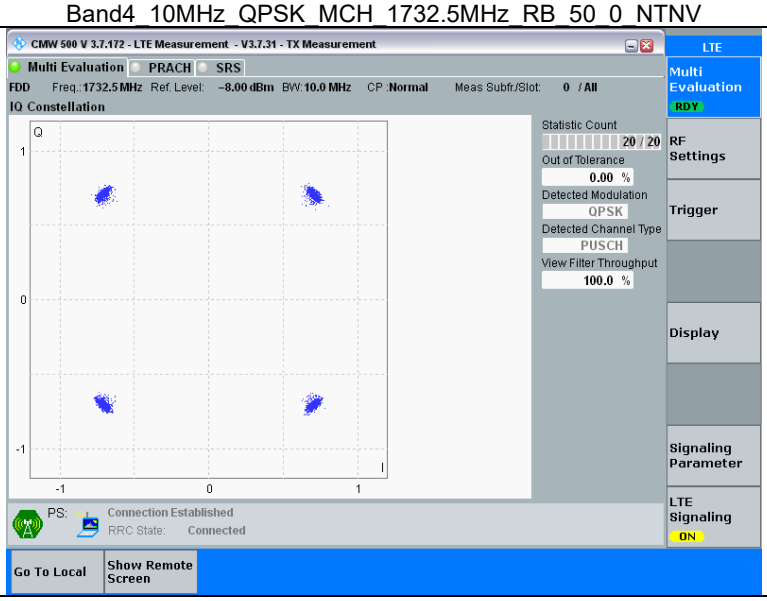
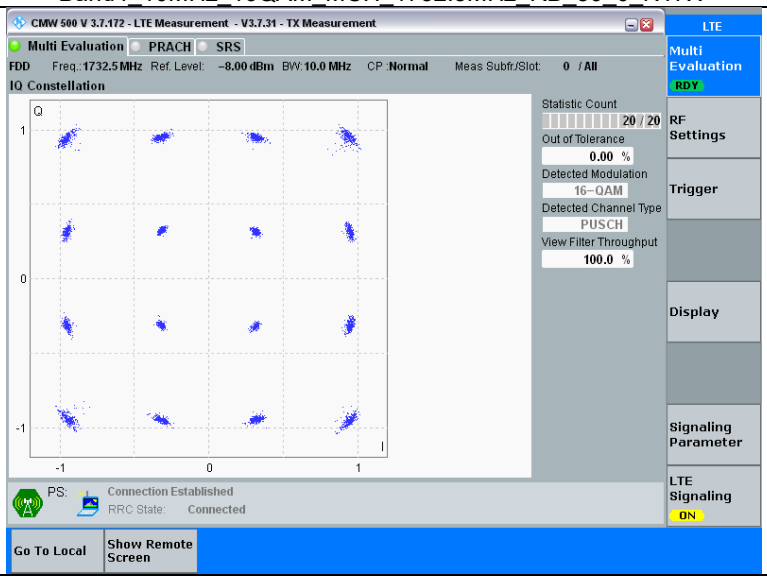
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


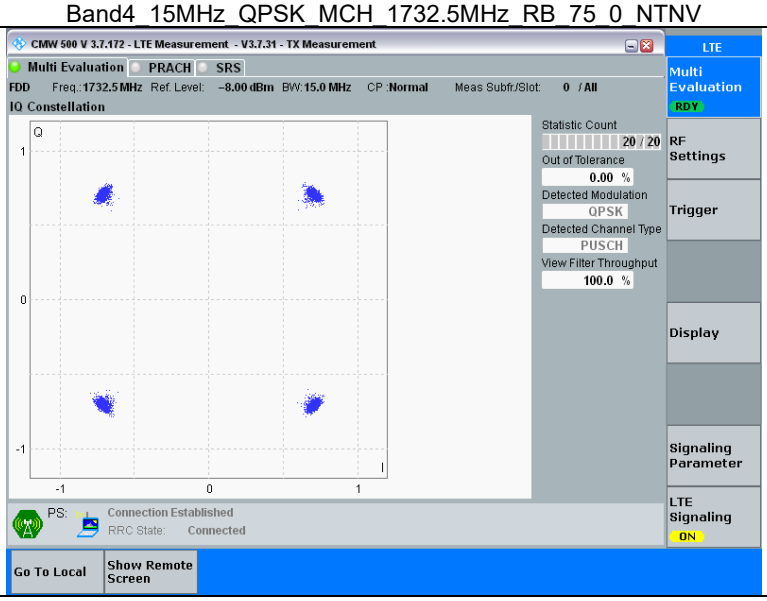
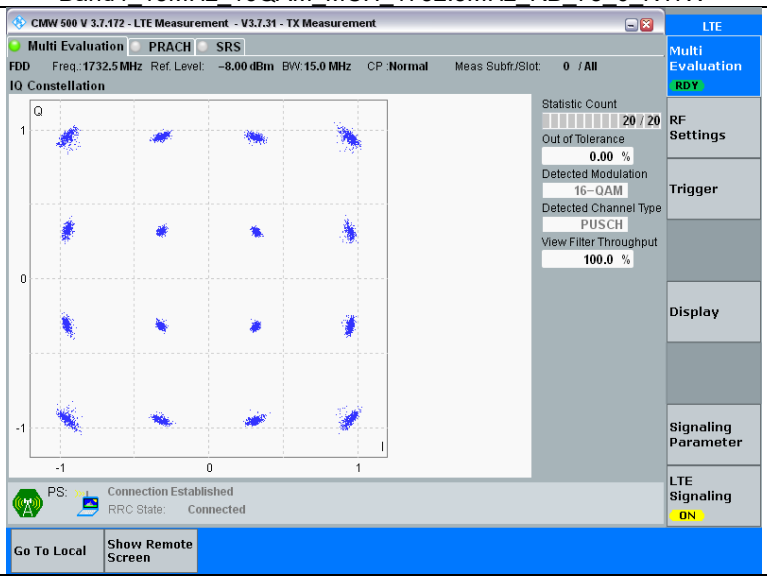
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


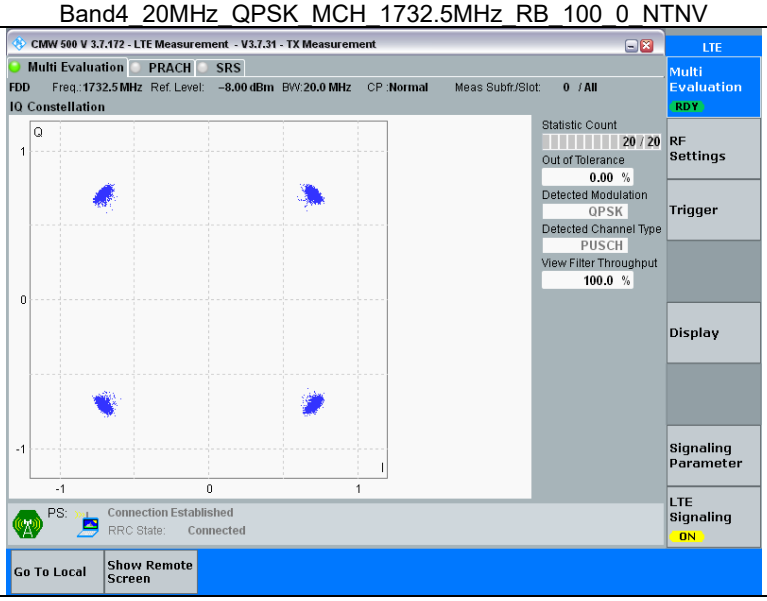
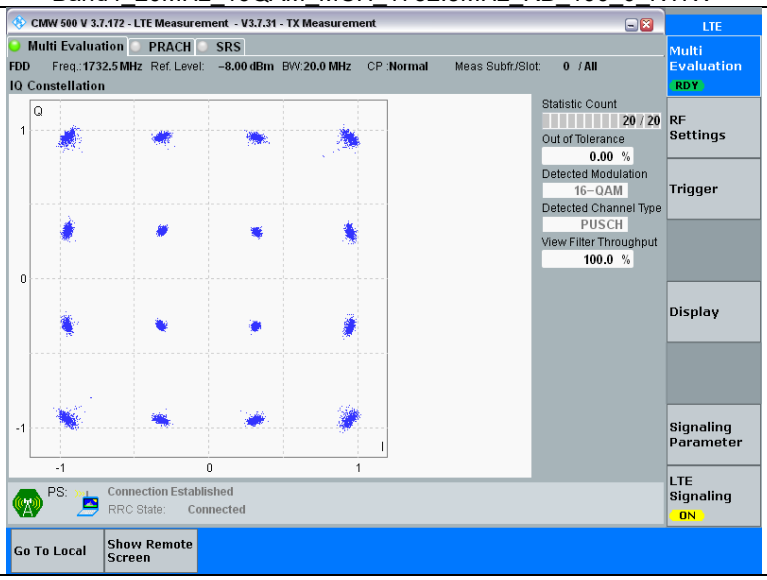
3.2.4 B4_10MHz

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	1.114	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.107	/	Pass
		1732.5	6	0	1.116	/	Pass
		1754.3	6	0	1.115	/	Pass
3	QPSK	1711.5	15	0	2.766	/	Pass
		1732.5	15	0	2.756	/	Pass
		1753.5	15	0	2.742	/	Pass
	16QAM	1711.5	15	0	2.771	/	Pass
		1732.5	15	0	2.750	/	Pass
		1753.5	15	0	2.748	/	Pass
5	QPSK	1712.5	25	0	4.574	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.553	/	Pass
	16QAM	1712.5	25	0	4.557	/	Pass
		1732.5	25	0	4.572	/	Pass
		1752.5	25	0	4.547	/	Pass
10	QPSK	1715	50	0	9.052	/	Pass
		1732.5	50	0	9.092	/	Pass
		1750	50	0	9.049	/	Pass
	16QAM	1715	50	0	9.052	/	Pass
		1732.5	50	0	9.093	/	Pass
		1750	50	0	9.069	/	Pass
15	QPSK	1717.5	75	0	13.625	/	Pass
		1732.5	75	0	13.625	/	Pass
		1747.5	75	0	13.584	/	Pass
	16QAM	1717.5	75	0	13.612	/	Pass
		1732.5	75	0	13.610	/	Pass
		1747.5	75	0	13.608	/	Pass
20	QPSK	1720	100	0	18.160	/	Pass
		1732.5	100	0	18.152	/	Pass
		1745	100	0	18.162	/	Pass
	16QAM	1720	100	0	18.231	/	Pass
		1732.5	100	0	18.199	/	Pass
		1745	100	0	18.165	/	Pass

4.1.2 Band4_XDB

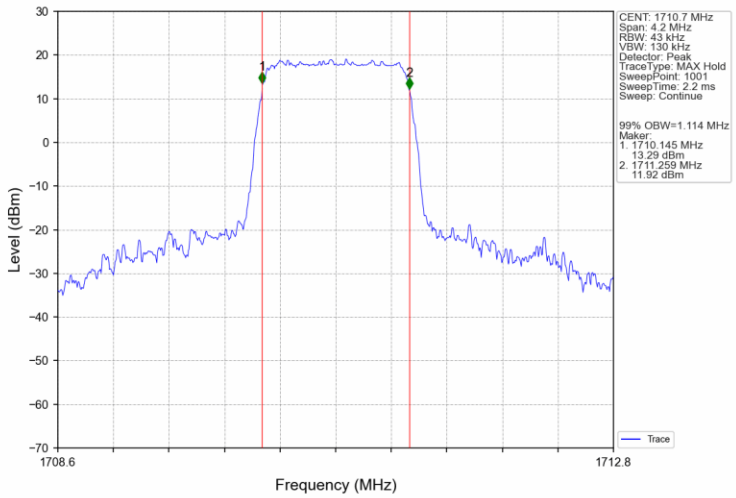
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.271	/	Pass
		1732.5	6	0	1.273	/	Pass
		1754.3	6	0	1.283	/	Pass

	16QAM	1710.7	6	0	1.269	/	Pass
		1732.5	6	0	1.274	/	Pass
		1754.3	6	0	1.276	/	Pass
3	QPSK	1711.5	15	0	3.106	/	Pass
		1732.5	15	0	3.095	/	Pass
		1753.5	15	0	3.090	/	Pass
	16QAM	1711.5	15	0	3.099	/	Pass
		1732.5	15	0	3.094	/	Pass
		1753.5	15	0	3.088	/	Pass
5	QPSK	1712.5	25	0	5.060	/	Pass
		1732.5	25	0	5.052	/	Pass
		1752.5	25	0	5.050	/	Pass
	16QAM	1712.5	25	0	5.060	/	Pass
		1732.5	25	0	5.051	/	Pass
		1752.5	25	0	5.043	/	Pass
10	QPSK	1715	50	0	10.098	/	Pass
		1732.5	50	0	10.085	/	Pass
		1750	50	0	10.078	/	Pass
	16QAM	1715	50	0	10.003	/	Pass
		1732.5	50	0	10.017	/	Pass
		1750	50	0	10.062	/	Pass
15	QPSK	1717.5	75	0	15.119	/	Pass
		1732.5	75	0	15.217	/	Pass
		1747.5	75	0	15.081	/	Pass
	16QAM	1717.5	75	0	15.277	/	Pass
		1732.5	75	0	15.170	/	Pass
		1747.5	75	0	15.273	/	Pass
20	QPSK	1720	100	0	19.988	/	Pass
		1732.5	100	0	20.097	/	Pass
		1745	100	0	19.976	/	Pass
	16QAM	1720	100	0	20.010	/	Pass
		1732.5	100	0	19.987	/	Pass
		1745	100	0	20.016	/	Pass

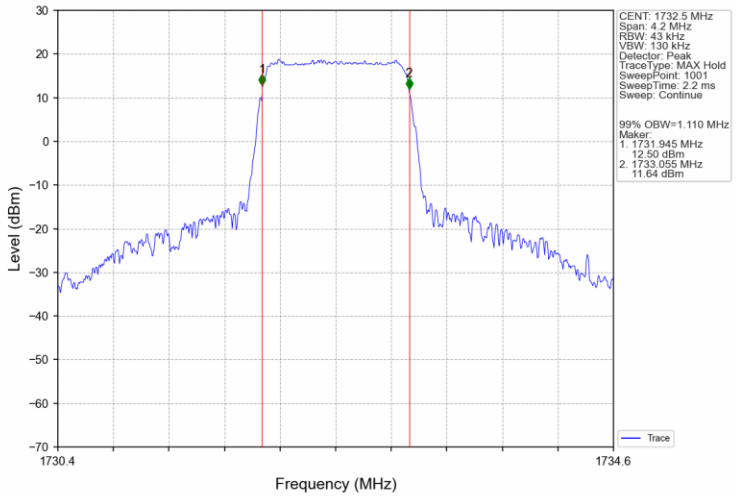
4.2 Test Graph

4.2.1 Band4_OBW

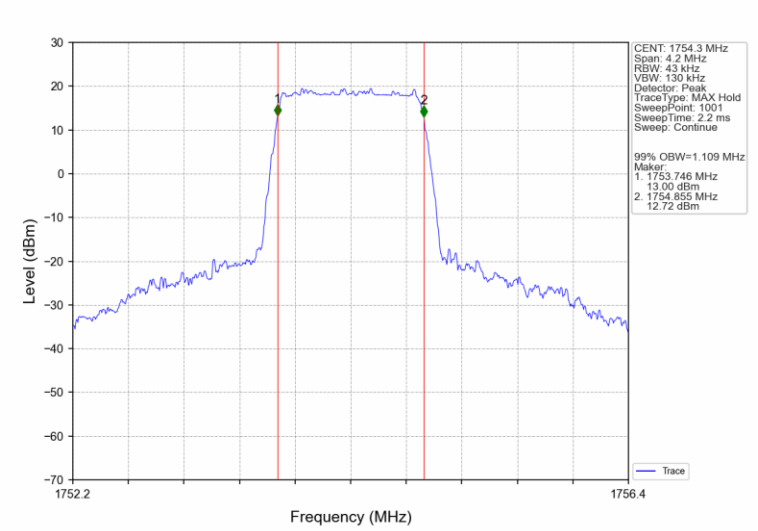
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



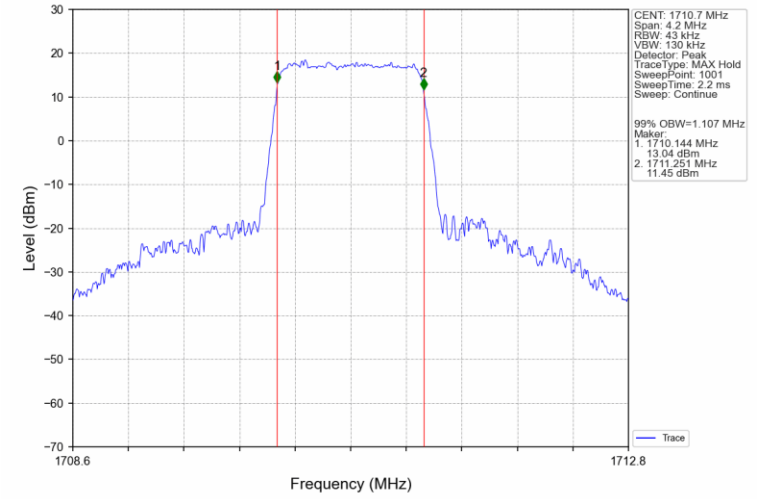
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



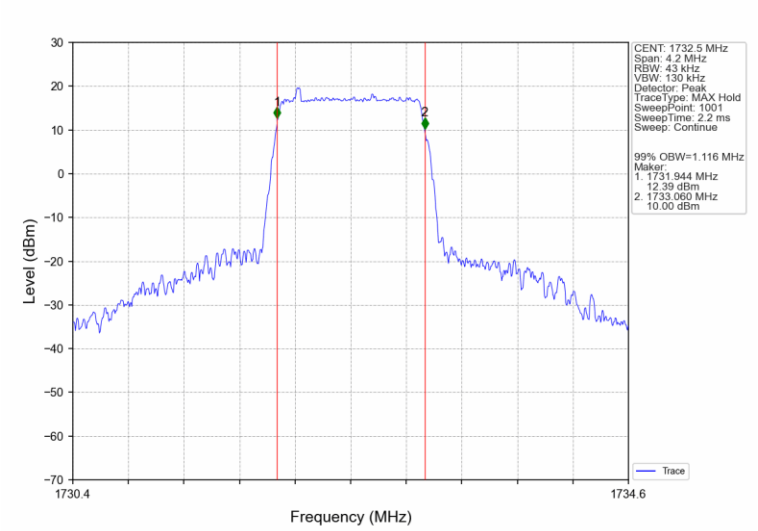
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



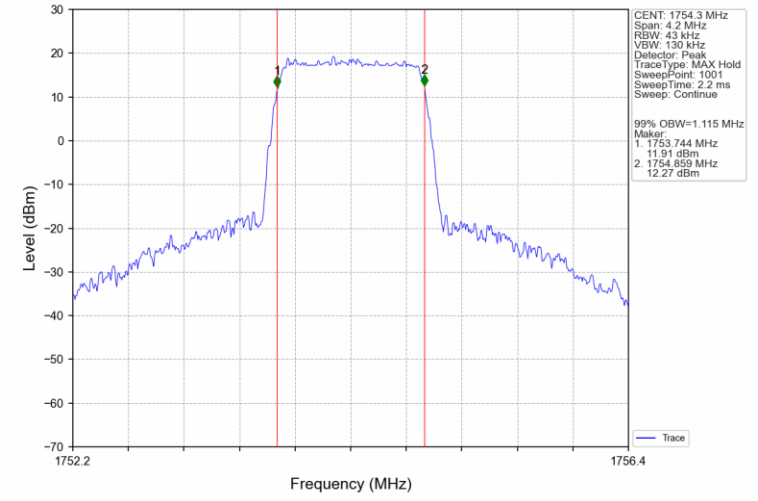
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



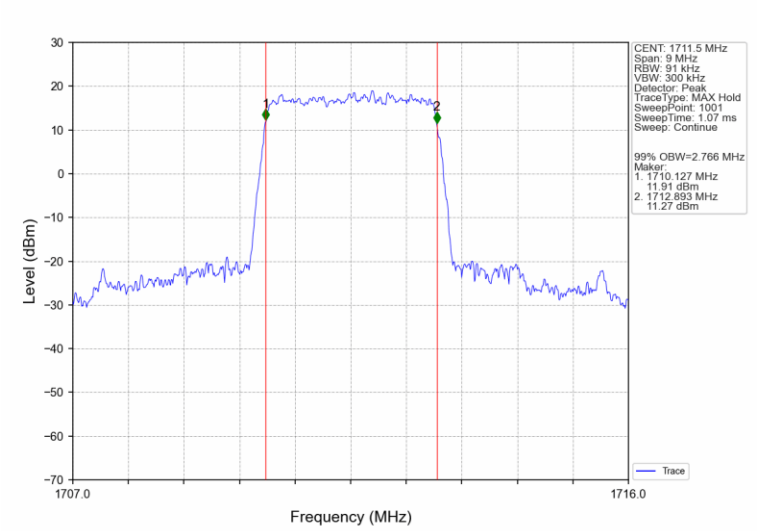
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



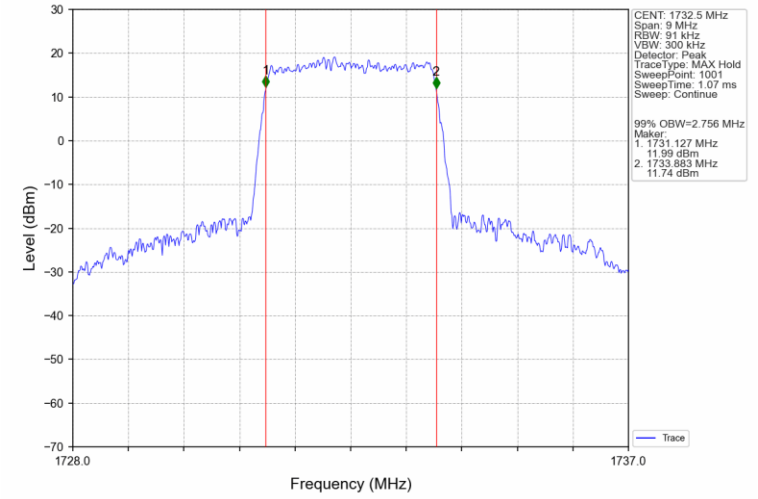
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

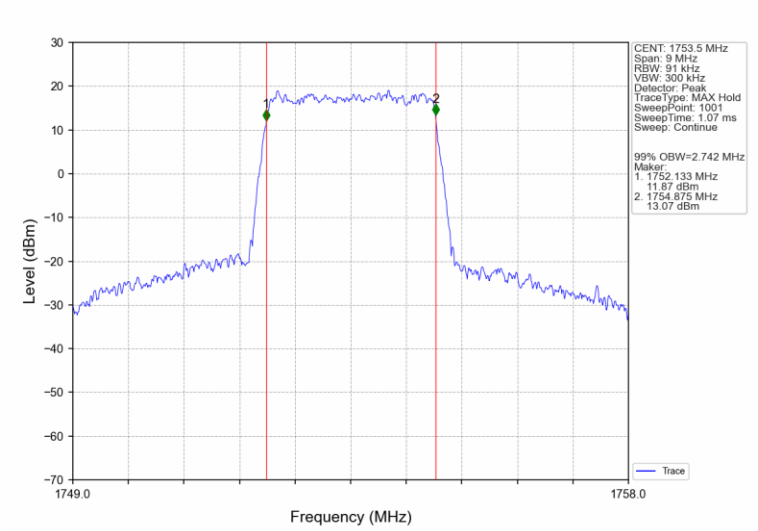
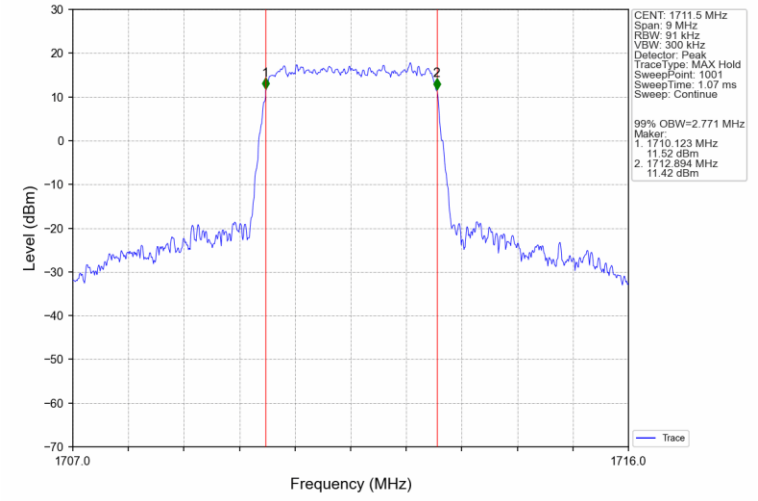


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

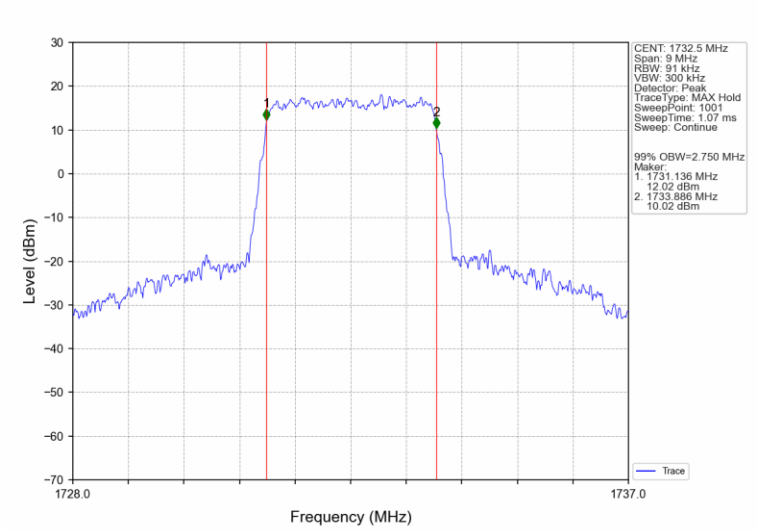


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

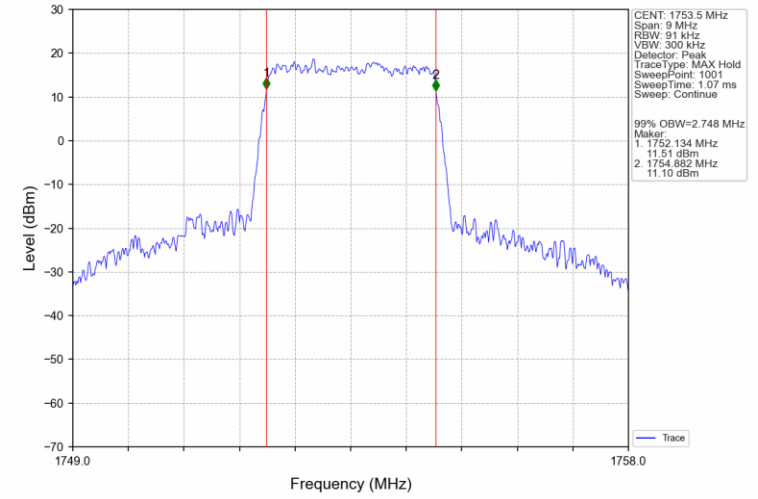


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV


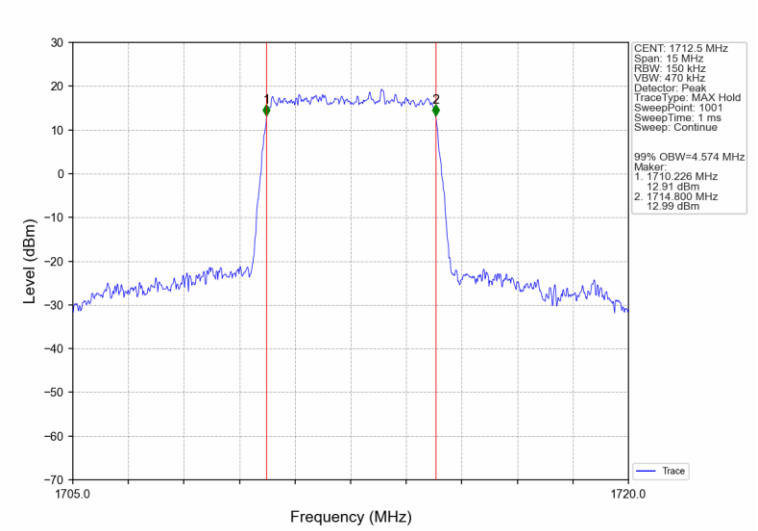
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



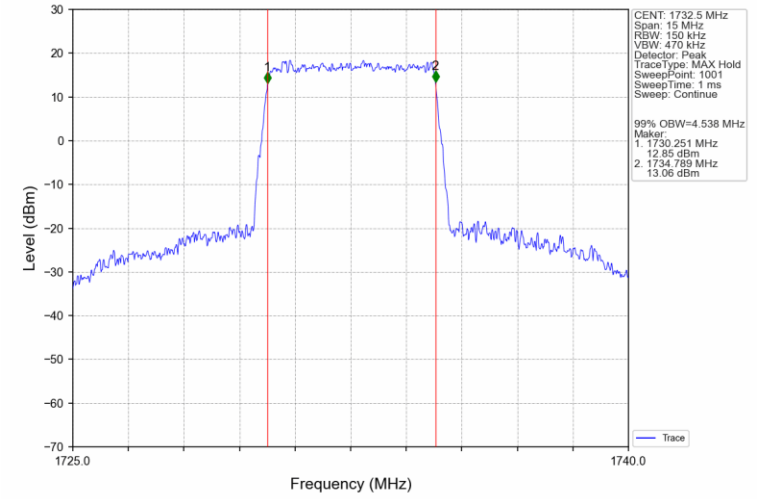
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



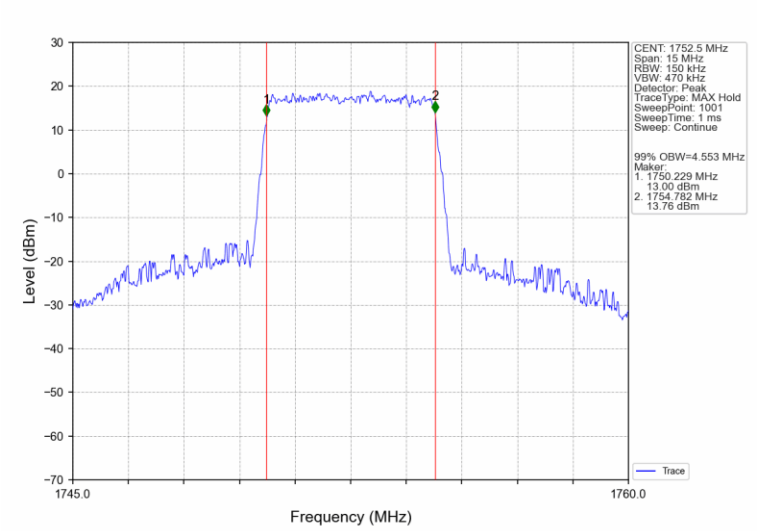
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



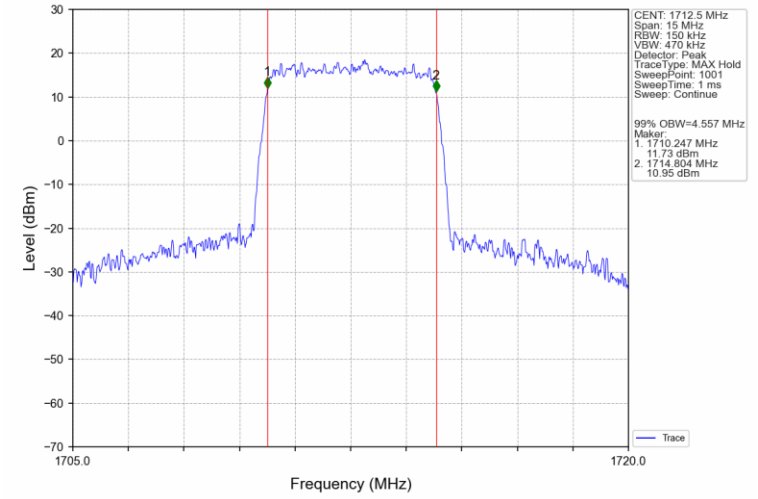
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



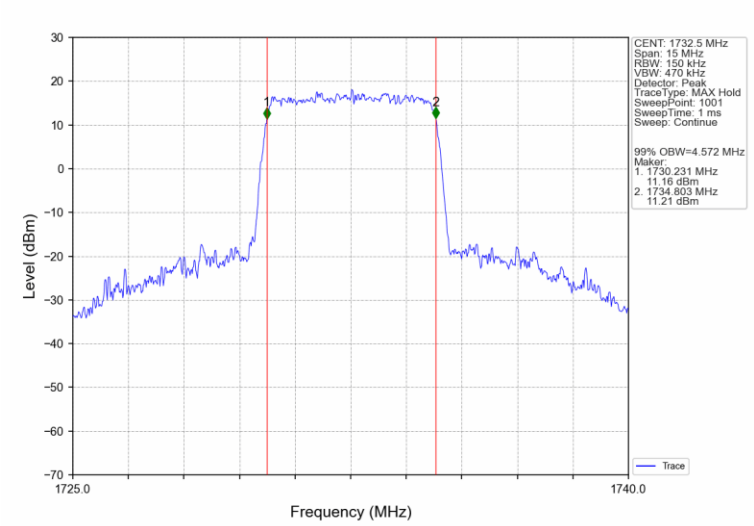
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



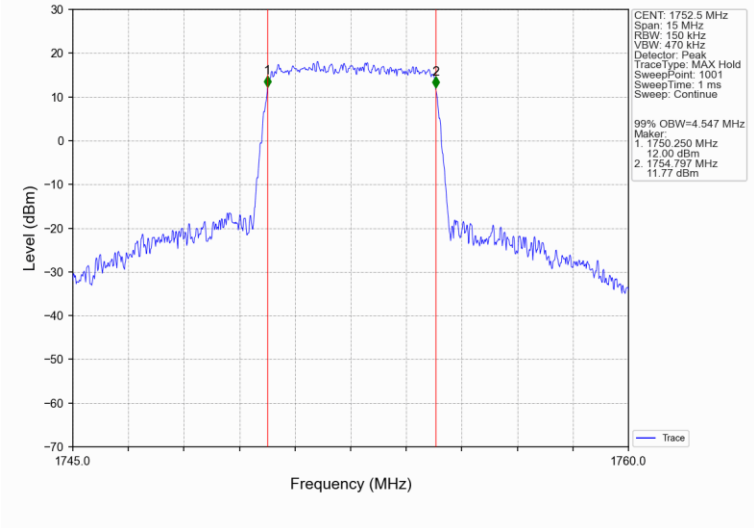
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



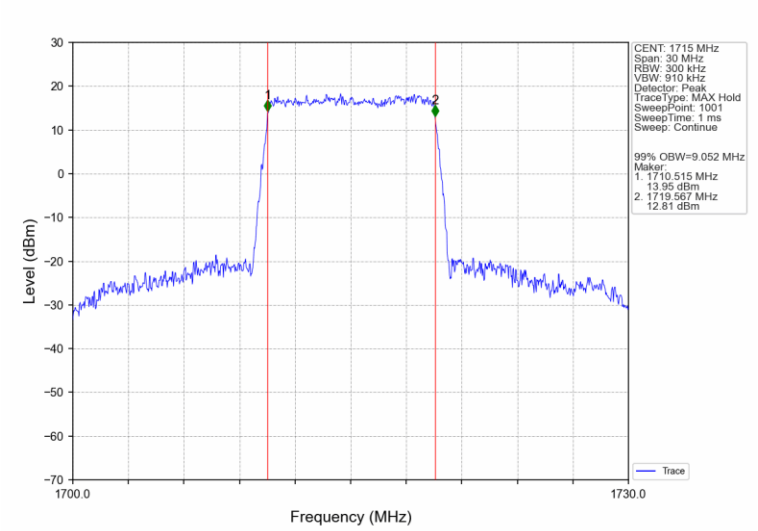
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



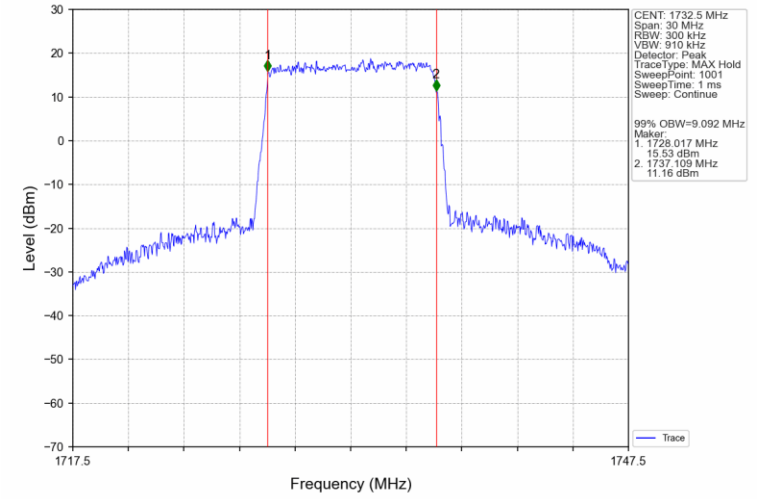
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



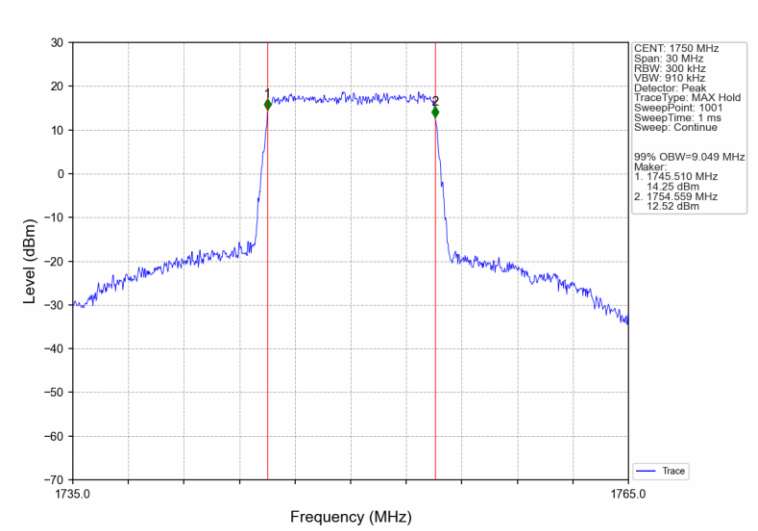
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



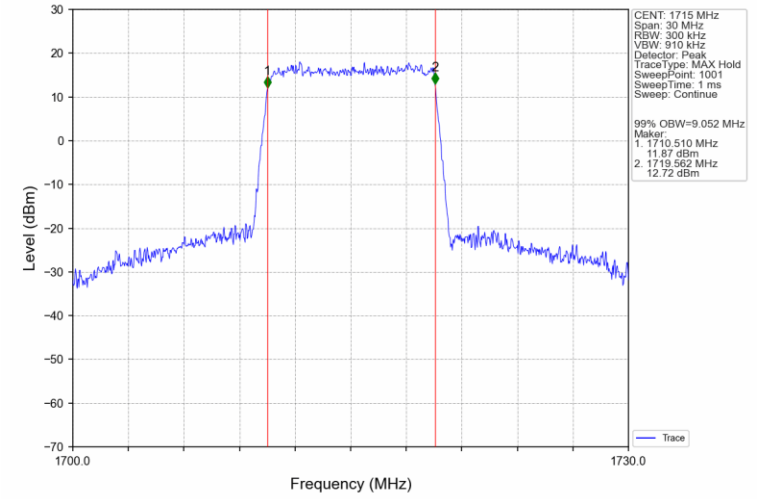
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



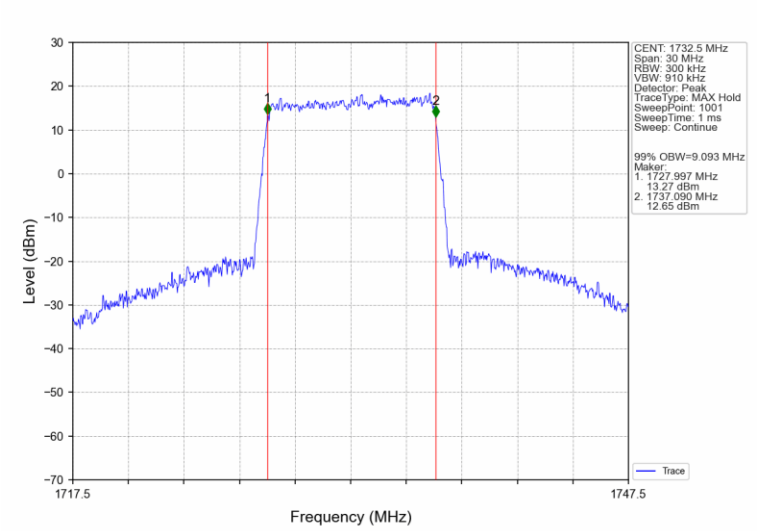
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



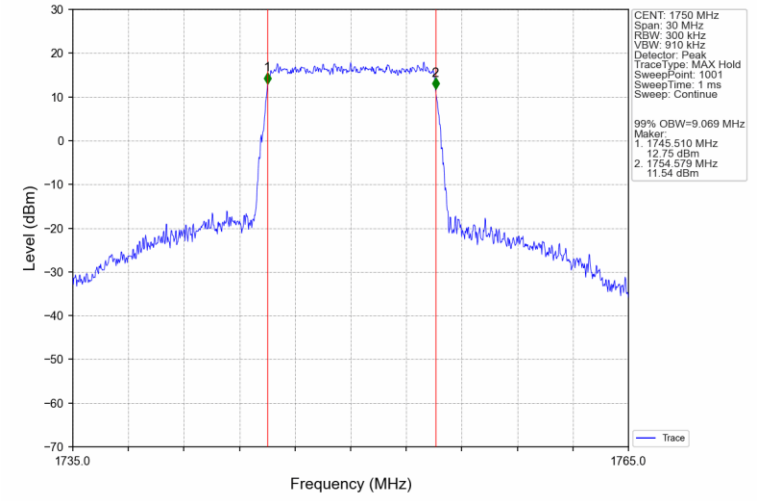
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



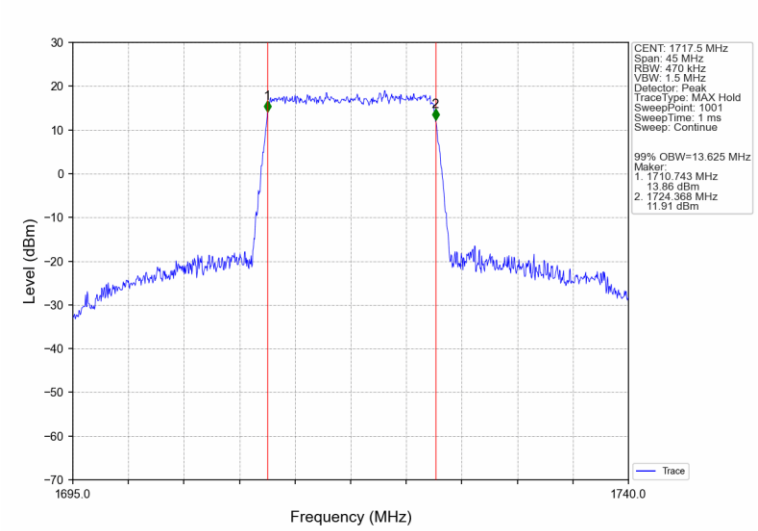
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



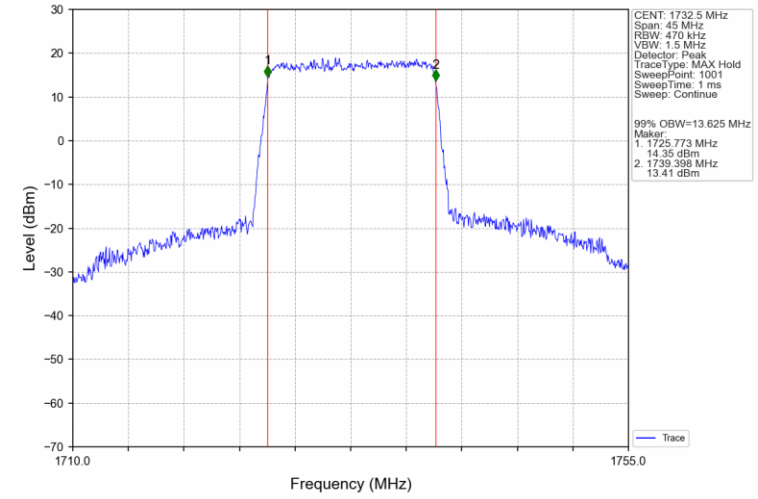
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



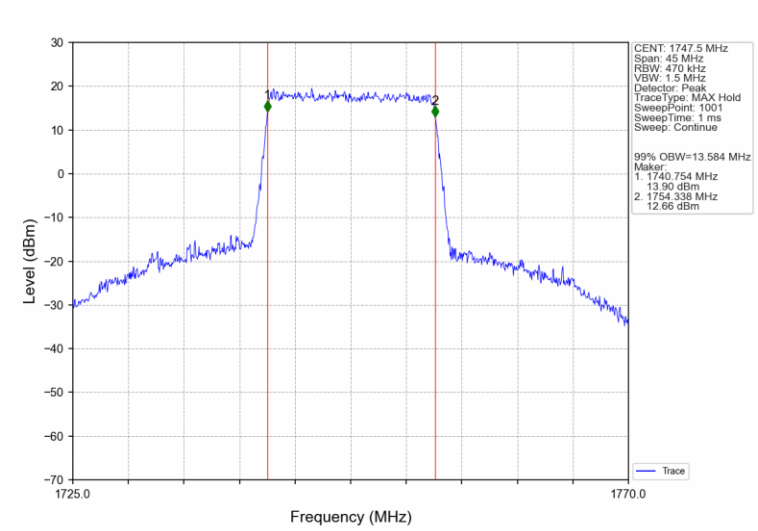
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



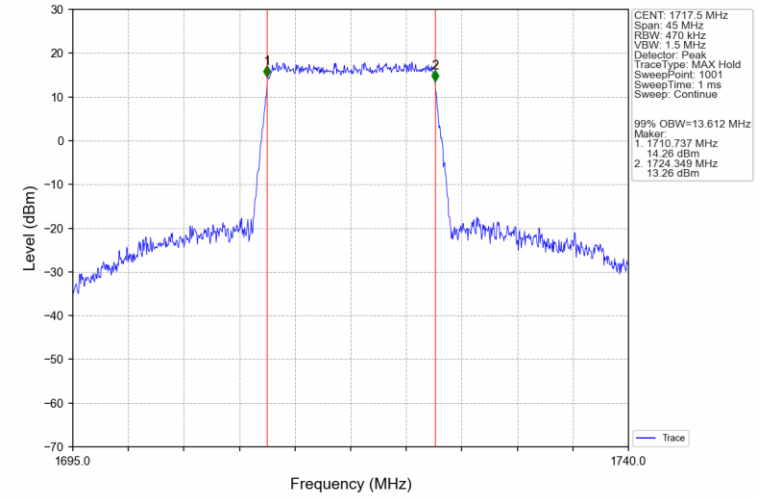
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



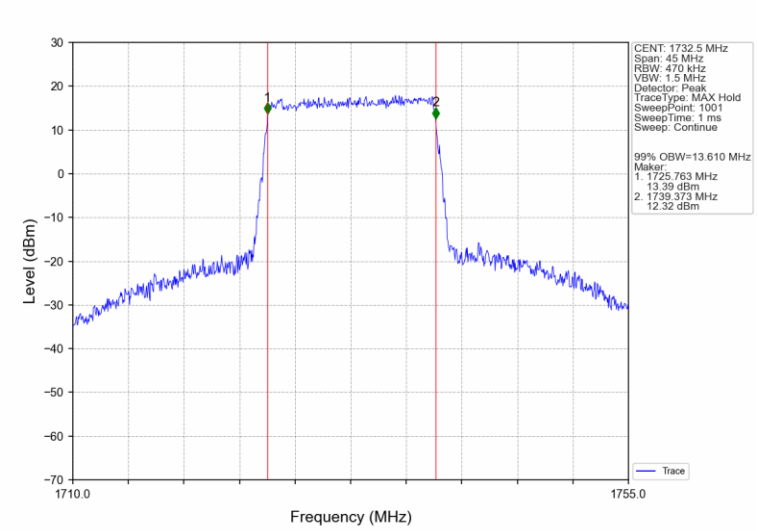
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



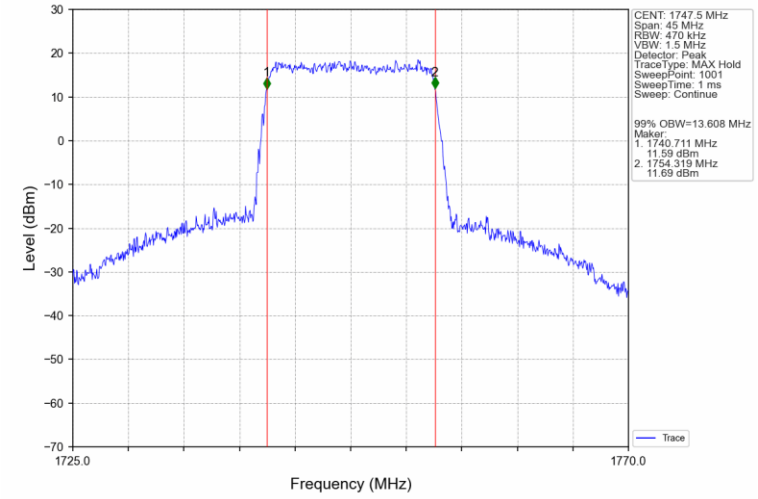
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



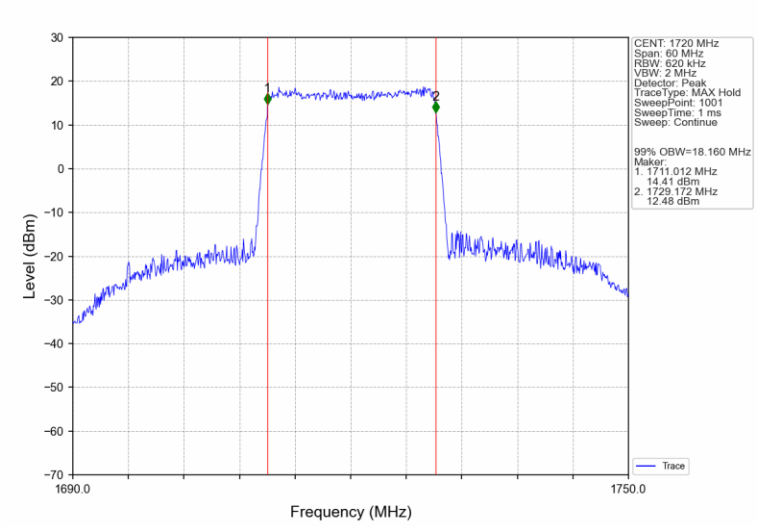
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



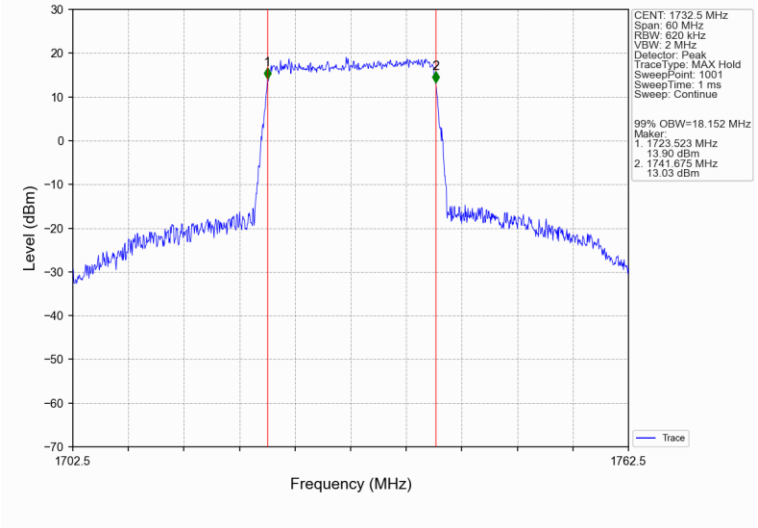
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



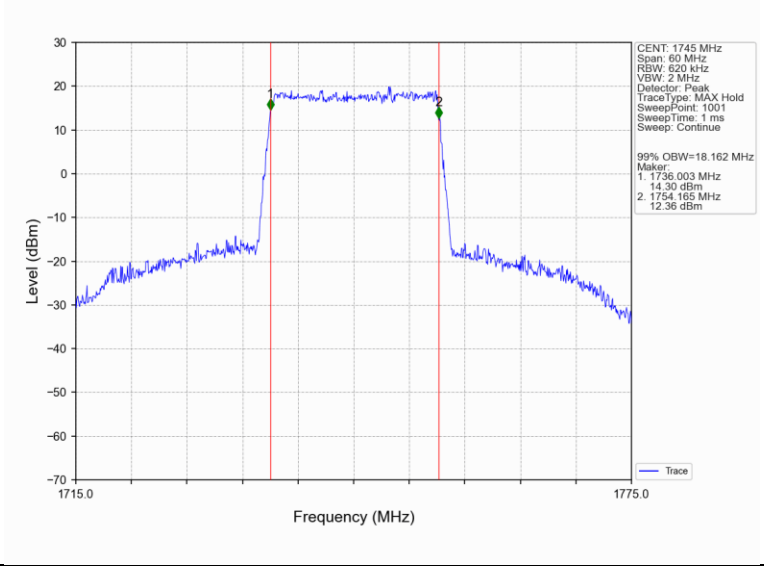
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



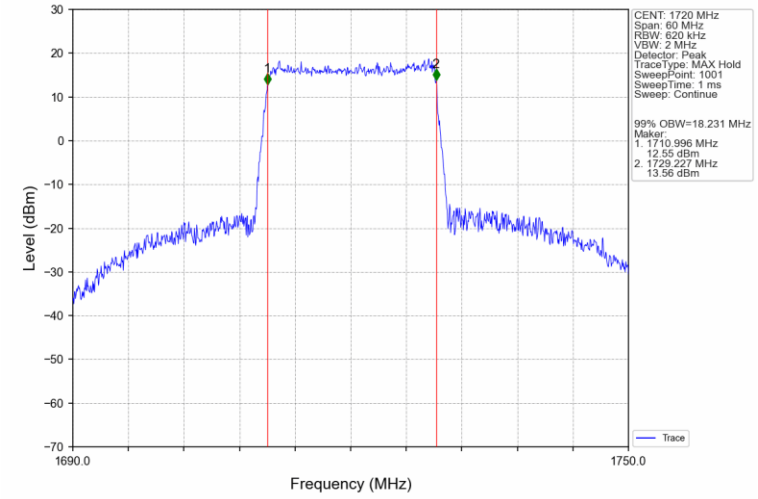
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



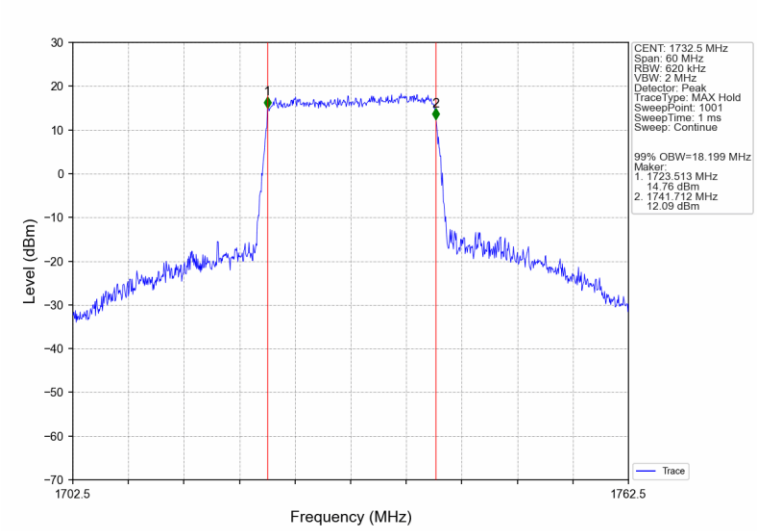
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



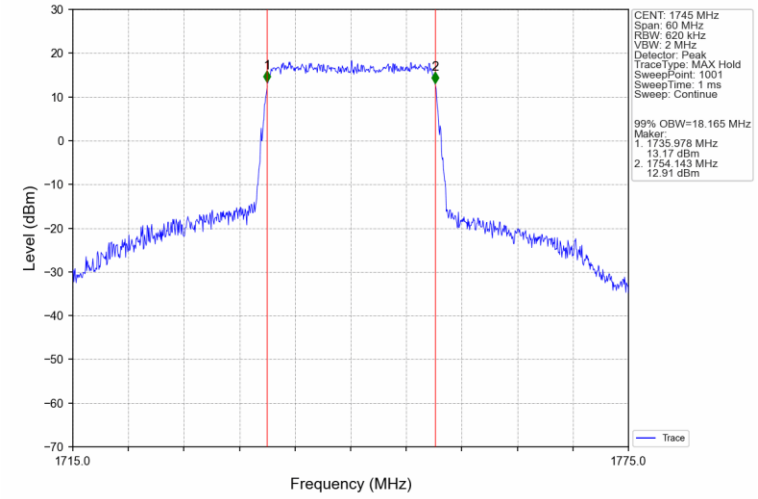
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



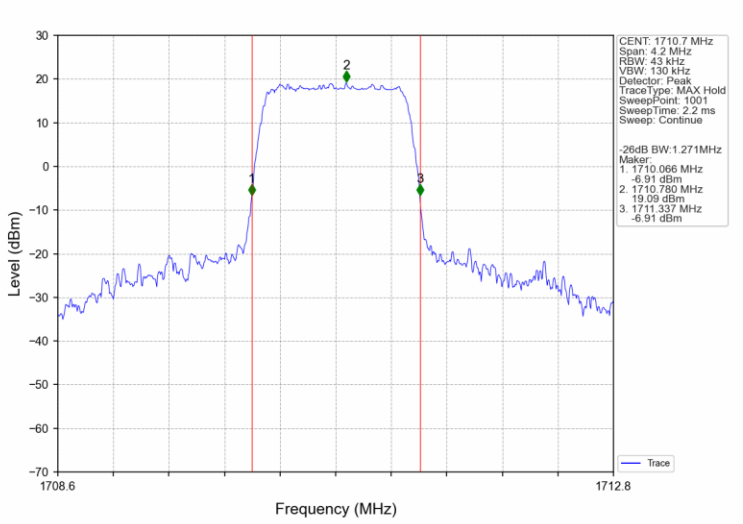
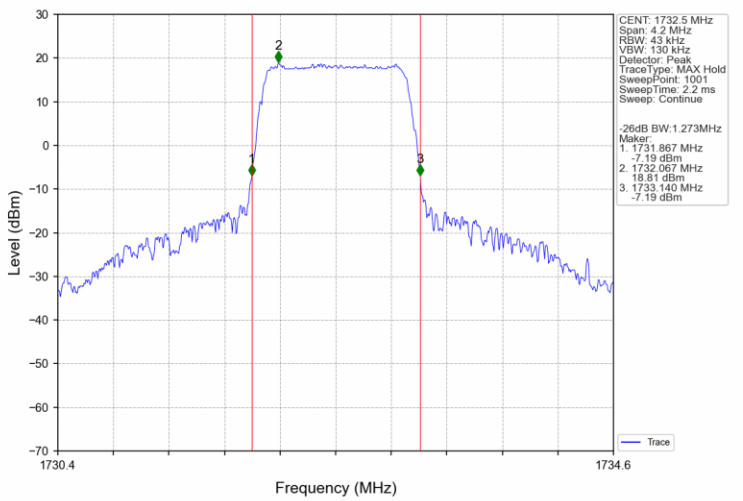
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



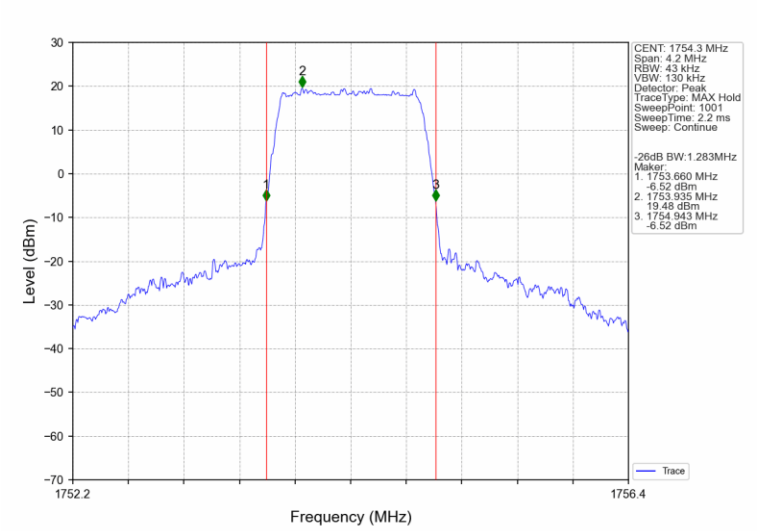
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



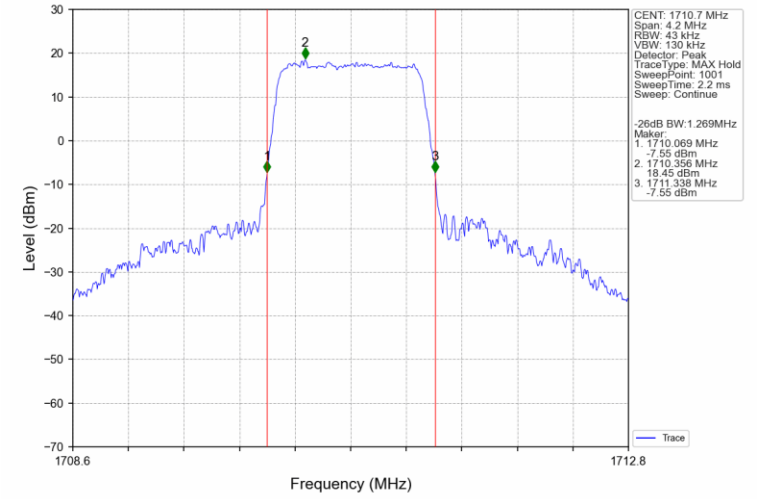
4.2.2 Band4_XDB

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV


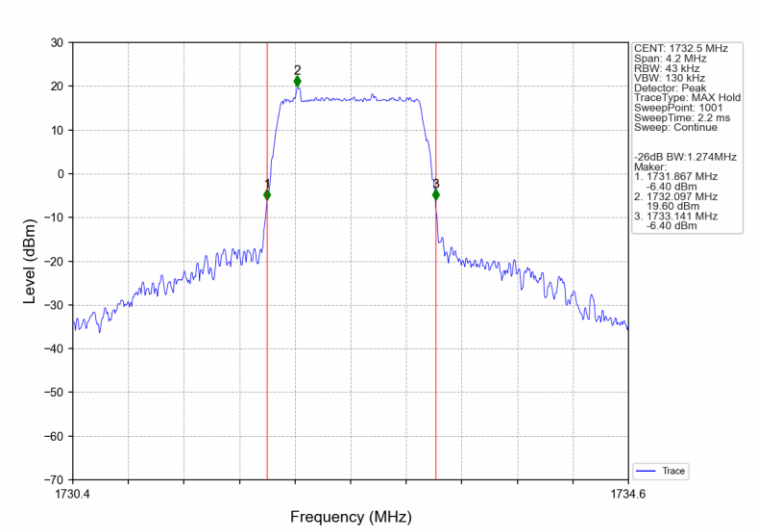
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



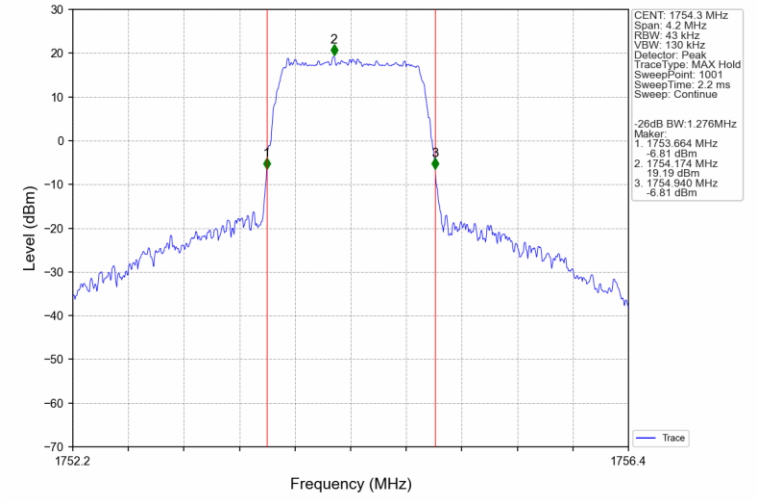
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



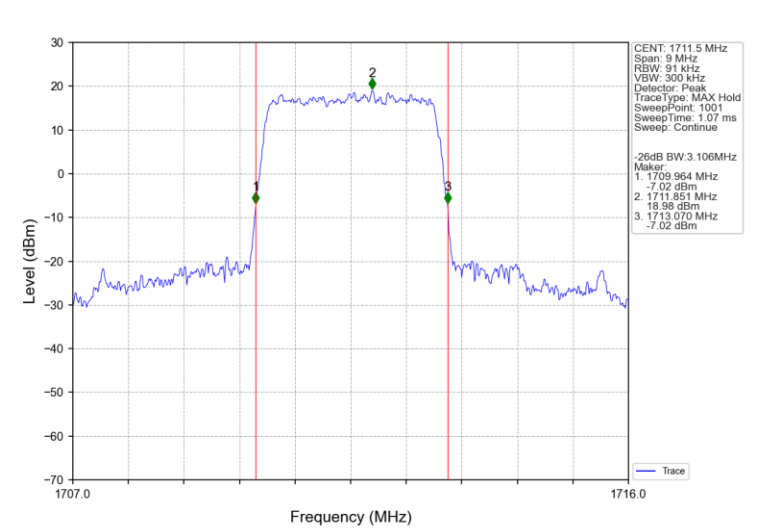
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



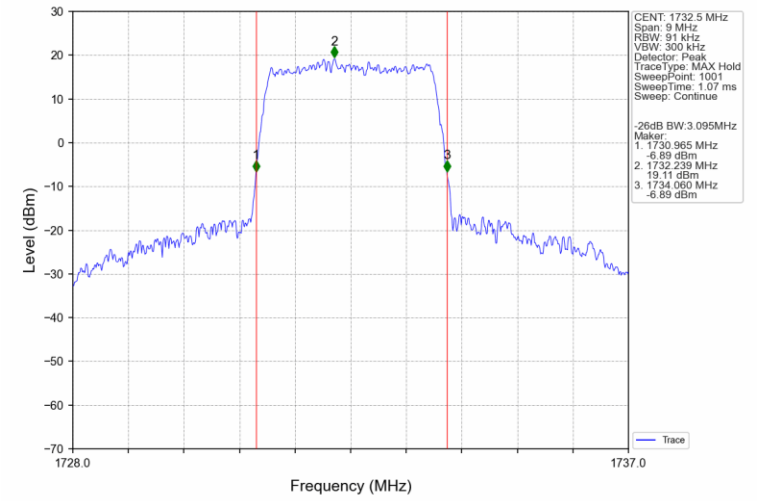
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



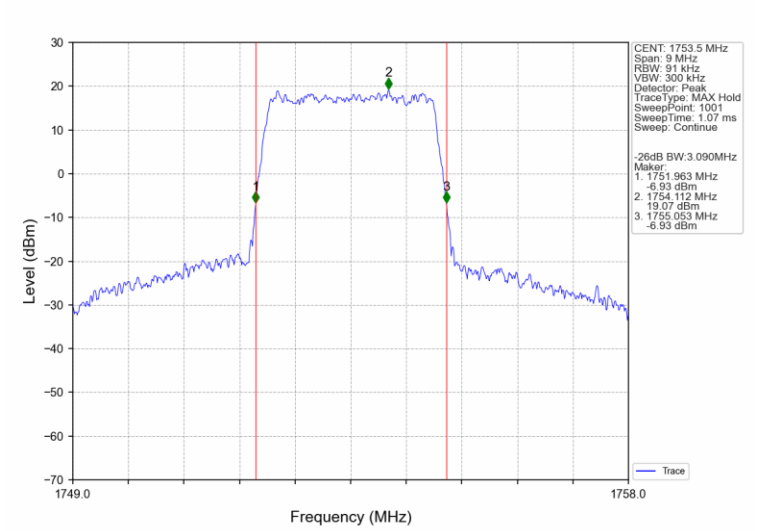
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



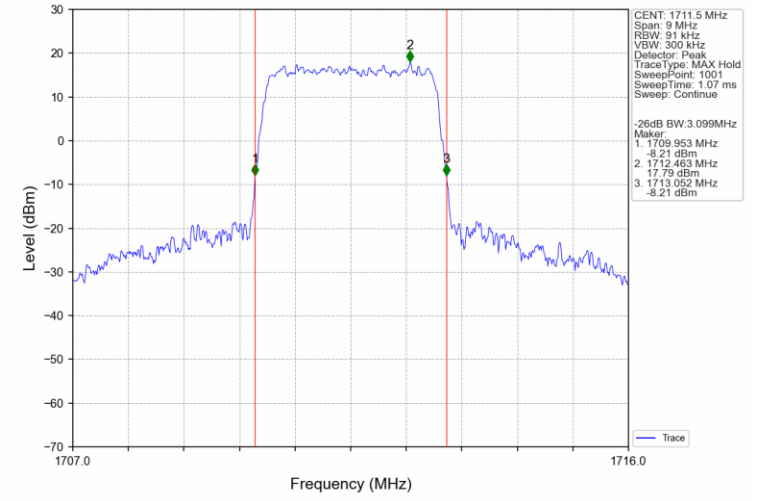
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



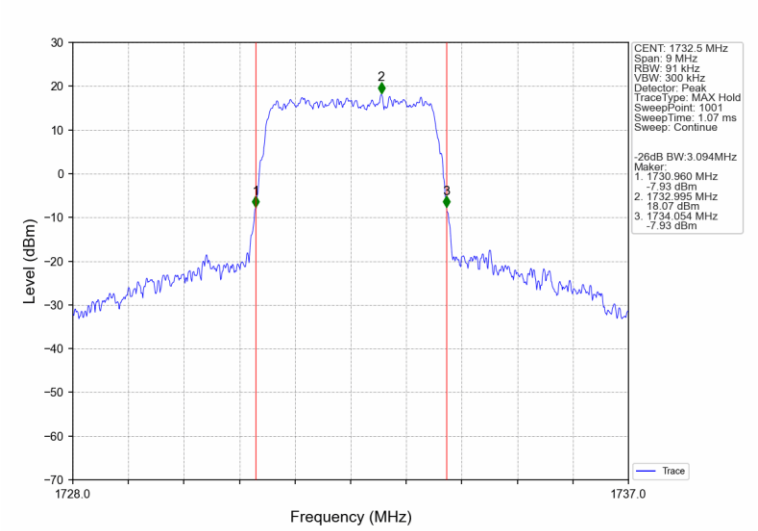
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



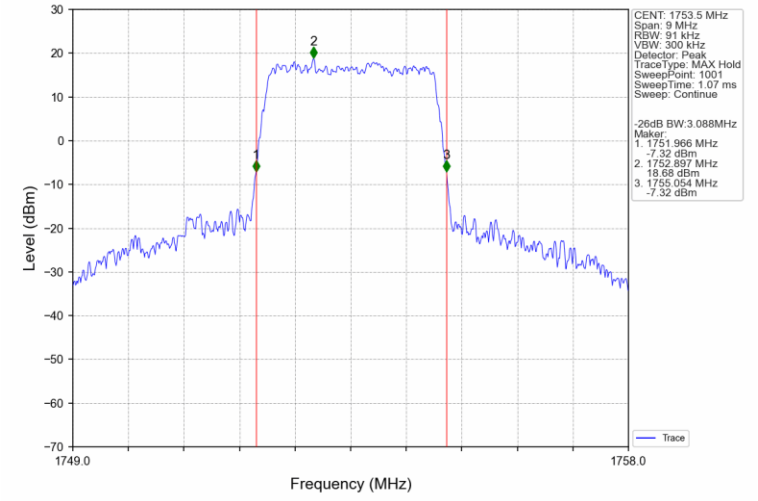
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



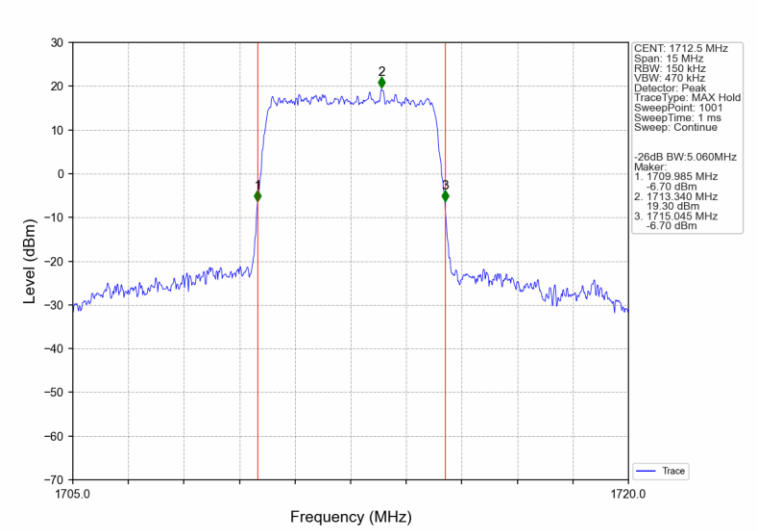
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



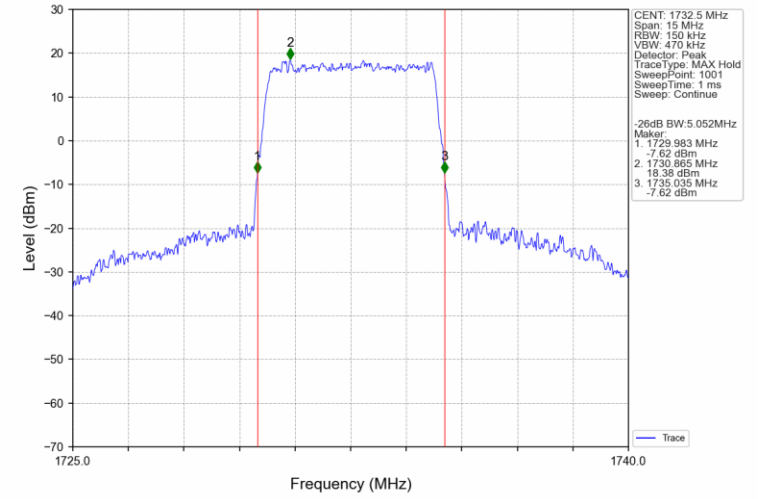
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



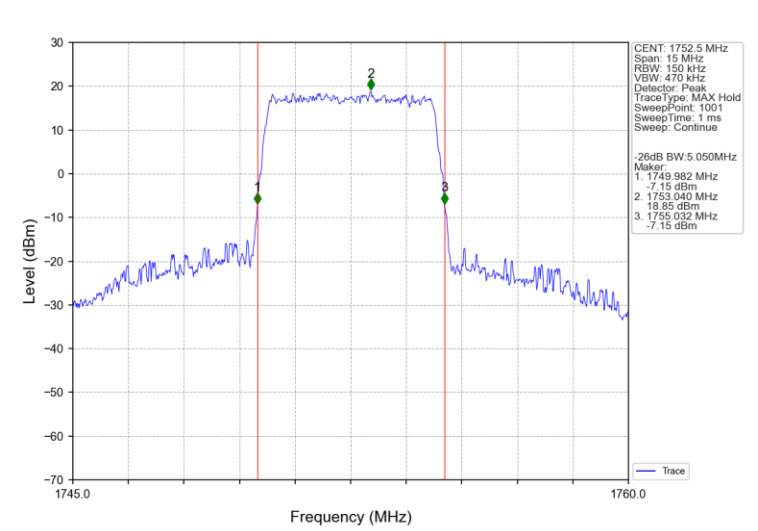
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



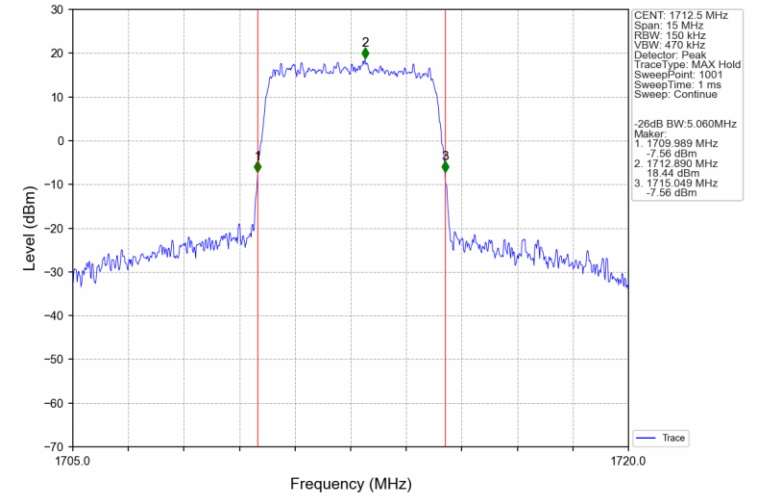
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



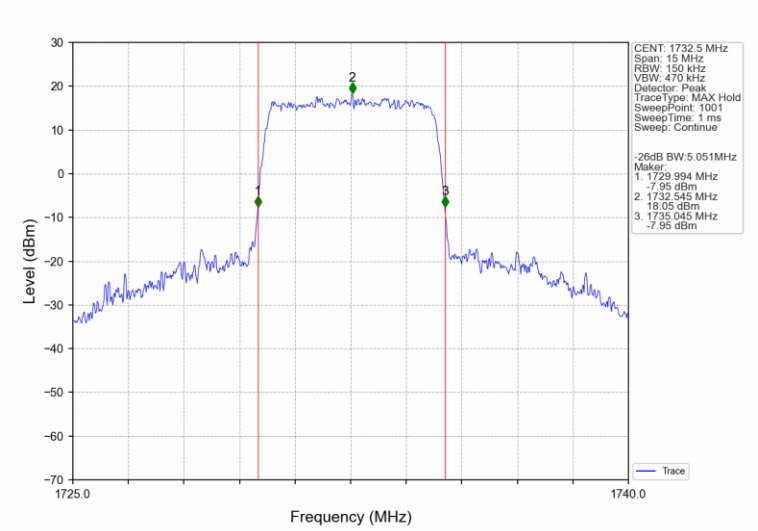
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



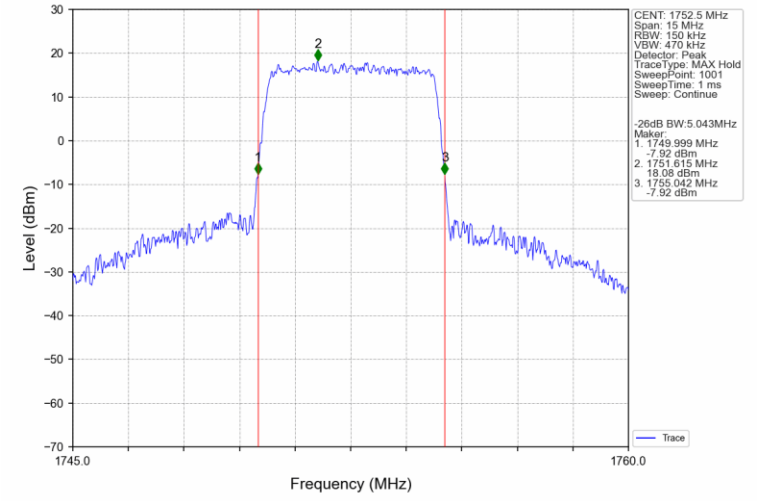
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



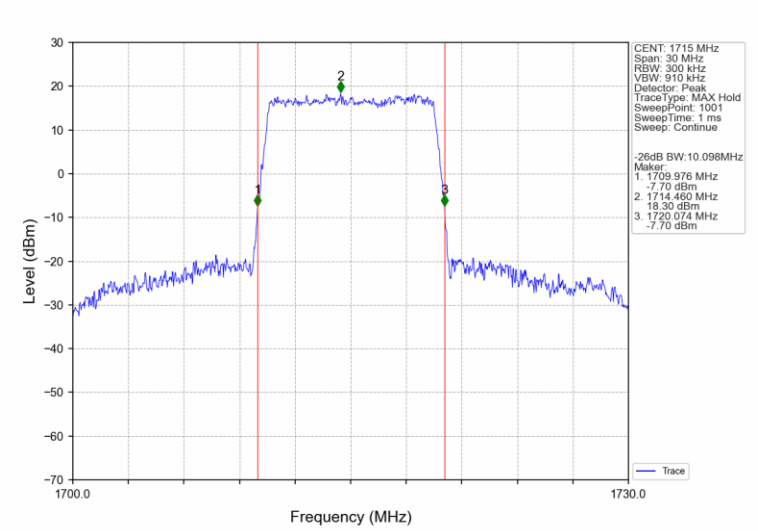
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



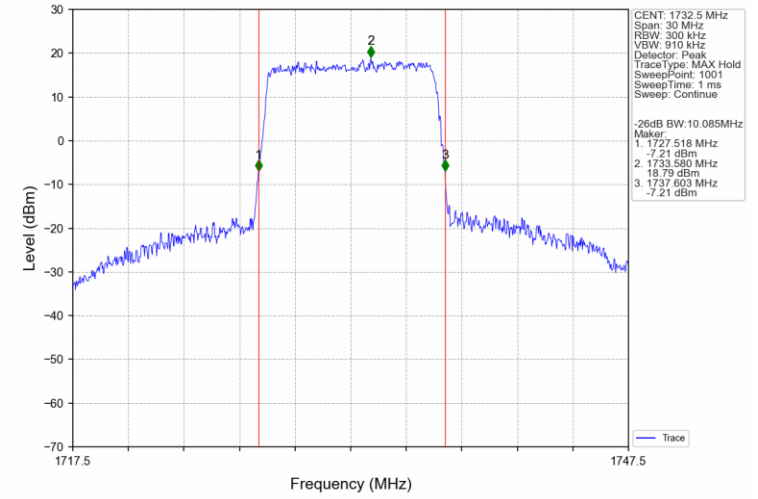
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



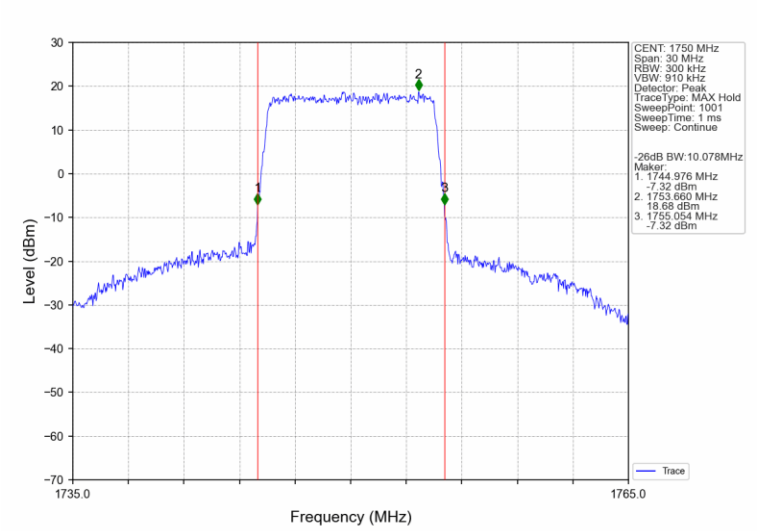
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



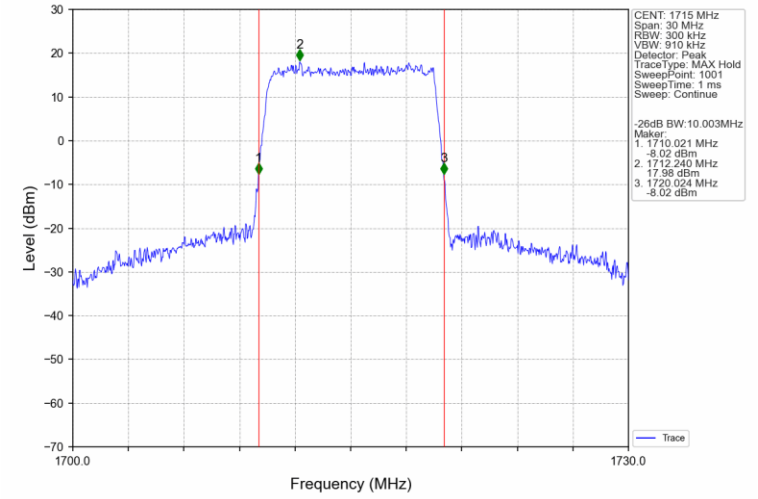
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



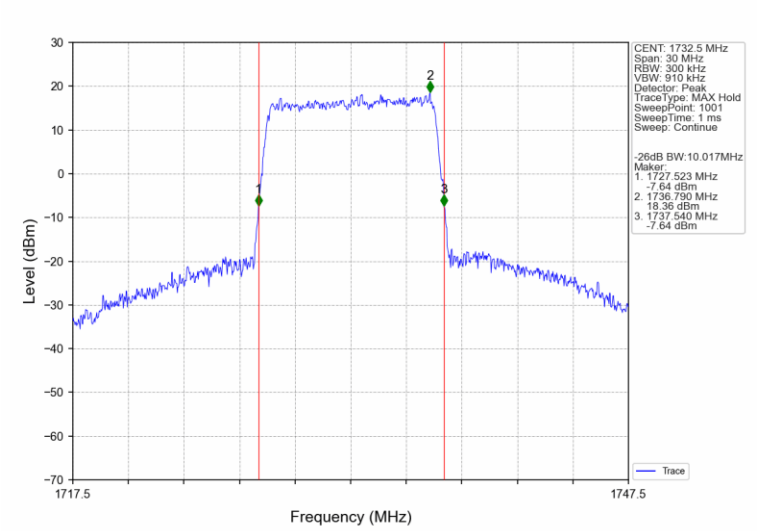
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



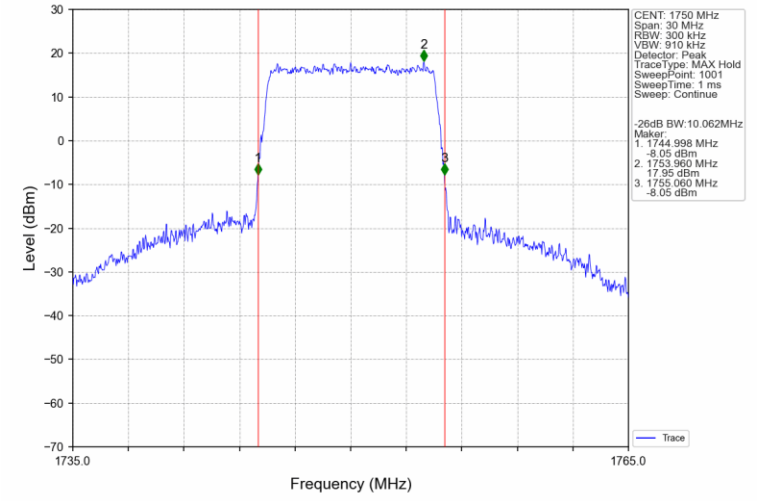
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



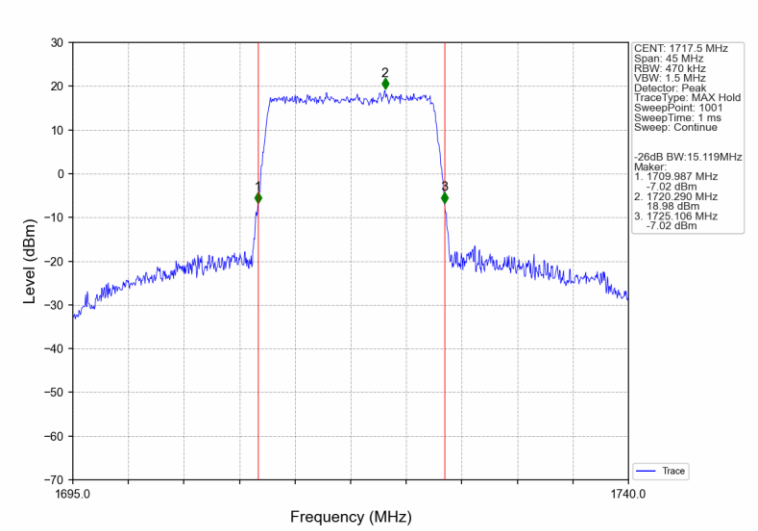
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



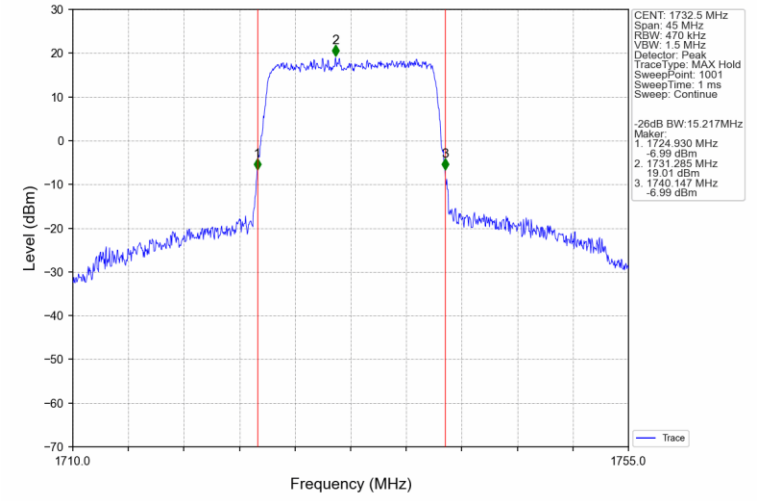
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



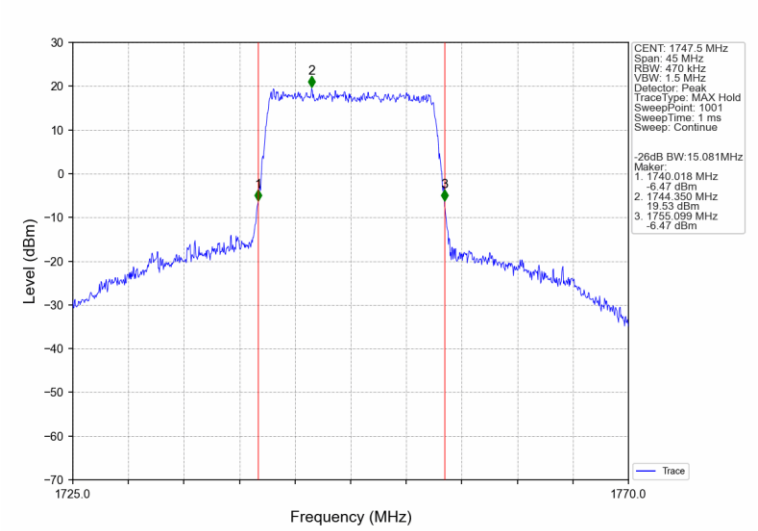
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV