1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

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	22.09	0.90	22.99	<=30	Pass
			2	22.19	0.90	23.09	<=30	Pass
			5	22.12	0.90	23.02	<=30	Pass
		3	0	22.18	0.90	23.08	<=30	Pass
			2	22.21	0.90	23.11	<=30	Pass
			3	22.16	0.90	23.06	<=30	Pass
		6	0	21.17	0.90	22.07	<=30	Pass
	1732.5	1	0	22.24	0.90	23.14	<=30	Pass
			2	22.34	0.90	23.24	<=30	Pass
			5	22.23	0.90	23.13	<=30	Pass
		3	0	22.26	0.90	23.16	<=30	Pass
			2	22.31	0.90	23.21	<=30	Pass
			3	22.26	0.90	23.16	<=30	Pass
		6	0	21.25	0.90	22.15	<=30	Pass
	1754.3	1	0	22.07	0.90	22.97	<=30	Pass
			2	22.17	0.90	23.07	<=30	Pass
			5	22.03	0.90	22.93	<=30	Pass
		3	0	22.20	0.90	23.10	<=30	Pass
			2	22.17	0.90	23.07	<=30	Pass
			3	22.20	0.90	23.10	<=30	Pass
		6	0	21.16	0.90	22.06	<=30	Pass
16QAM	1710.7	1	0	21.21	0.90	22.11	<=30	Pass
			2	21.36	0.90	22.26	<=30	Pass
			5	21.23	0.90	22.13	<=30	Pass
		3	0	21.10	0.90	22.00	<=30	Pass
			2	21.14	0.90	22.04	<=30	Pass
			3	21.12	0.90	22.02	<=30	Pass
		6	0	20.22	0.90	21.12	<=30	Pass
	1732.5	1	0	21.20	0.90	22.10	<=30	Pass
			2	21.31	0.90	22.21	<=30	Pass
			5	21.24	0.90	22.14	<=30	Pass
		3	0	21.31	0.90	22.21	<=30	Pass
			2	21.33	0.90	22.23	<=30	Pass
			3	21.29	0.90	22.19	<=30	Pass
		6	0	20.22	0.90	21.12	<=30	Pass
	1754.3	1	0	21.10	0.90	22.00	<=30	Pass
			2	21.18	0.90	22.08	<=30	Pass
			5	21.09	0.90	21.99	<=30	Pass
		3	0	21.32	0.90	22.22	<=30	Pass
			2	21.37	0.90	22.27	<=30	Pass
			3	21.35	0.90	22.25	<=30	Pass
		6	0	20.21	0.90	21.11	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B4_3MHz_EIRP

1.2.1 Test Result

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	22.23	0.90	23.13	<=30	Pass
			7	22.33	0.90	23.23	<=30	Pass
			14	22.17	0.90	23.07	<=30	Pass
		8	0	21.19	0.90	22.09	<=30	Pass
			4	21.23	0.90	22.13	<=30	Pass
			7	21.20	0.90	22.10	<=30	Pass
		15	0	21.17	0.90	22.07	<=30	Pass
	1732.5	1	0	22.29	0.90	23.19	<=30	Pass
			7	22.44	0.90	23.34	<=30	Pass
			14	22.28	0.90	23.18	<=30	Pass
		8	0	21.28	0.90	22.18	<=30	Pass
			4	21.33	0.90	22.23	<=30	Pass
			7	21.28	0.90	22.18	<=30	Pass
		15	0	21.26	0.90	22.16	<=30	Pass
	1753.5	1	0	22.24	0.90	23.14	<=30	Pass
			7	22.36	0.90	23.26	<=30	Pass
			14	22.18	0.90	23.08	<=30	Pass
		8	0	21.23	0.90	22.13	<=30	Pass
			4	21.26	0.90	22.16	<=30	Pass
			7	21.20	0.90	22.10	<=30	Pass
		15	0	21.17	0.90	22.07	<=30	Pass
16QAM	1711.5	1	0	21.72	0.90	22.62	<=30	Pass
			7	21.85	0.90	22.75	<=30	Pass
			14	21.68	0.90	22.58	<=30	Pass
		8	0	20.33	0.90	21.23	<=30	Pass
			4	20.43	0.90	21.33	<=30	Pass
			7	20.38	0.90	21.28	<=30	Pass
		15	0	20.30	0.90	21.20	<=30	Pass
	1732.5	1	0	21.41	0.90	22.31	<=30	Pass
			7	21.62	0.90	22.52	<=30	Pass
			14	21.40	0.90	22.30	<=30	Pass
		8	0	20.31	0.90	21.21	<=30	Pass
			4	20.34	0.90	21.24	<=30	Pass
			7	20.31	0.90	21.21	<=30	Pass
		15	0	20.28	0.90	21.18	<=30	Pass
	1753.5	1	0	21.20	0.90	22.10	<=30	Pass
			7	21.44	0.90	22.34	<=30	Pass
			14	21.20	0.90	22.10	<=30	Pass
		8	0	20.33	0.90	21.23	<=30	Pass
			4	20.35	0.90	21.25	<=30	Pass
			7	20.29	0.90	21.19	<=30	Pass
		15	0	20.28	0.90	21.18	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B4_5MHz_EIRP

1.3.1 Test Result

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	22.14	0.90	23.04	<=30	Pass
			13	22.27	0.90	23.17	<=30	Pass
			24	22.14	0.90	23.04	<=30	Pass
		12	0	21.20	0.90	22.10	<=30	Pass
			6	21.22	0.90	22.12	<=30	Pass
			13	21.22	0.90	22.12	<=30	Pass
		25	0	21.19	0.90	22.09	<=30	Pass
	1732.5	1	0	22.19	0.90	23.09	<=30	Pass
			13	22.32	0.90	23.22	<=30	Pass
			24	22.18	0.90	23.08	<=30	Pass
		12	0	21.24	0.90	22.14	<=30	Pass
			6	21.31	0.90	22.21	<=30	Pass
			13	21.24	0.90	22.14	<=30	Pass
		25	0	21.27	0.90	22.17	<=30	Pass
	1752.5	1	0	22.17	0.90	23.07	<=30	Pass
			13	22.28	0.90	23.18	<=30	Pass
			24	22.09	0.90	22.99	<=30	Pass
		12	0	21.25	0.90	22.15	<=30	Pass
			6	21.25	0.90	22.15	<=30	Pass
			13	21.15	0.90	22.05	<=30	Pass
		25	0	21.19	0.90	22.09	<=30	Pass
16QAM	1712.5	1	0	20.98	0.90	21.88	<=30	Pass
			13	21.11	0.90	22.01	<=30	Pass
			24	20.97	0.90	21.87	<=30	Pass
		12	0	20.20	0.90	21.10	<=30	Pass
			6	20.25	0.90	21.15	<=30	Pass
			13	20.20	0.90	21.10	<=30	Pass
		25	0	20.24	0.90	21.14	<=30	Pass
	1732.5	1	0	21.43	0.90	22.33	<=30	Pass
			13	21.59	0.90	22.49	<=30	Pass
			24	21.43	0.90	22.33	<=30	Pass
		12	0	20.33	0.90	21.23	<=30	Pass
			6	20.40	0.90	21.30	<=30	Pass
			13	20.33	0.90	21.23	<=30	Pass
		25	0	20.32	0.90	21.22	<=30	Pass
	1752.5	1	0	21.27	0.90	22.17	<=30	Pass
			13	21.37	0.90	22.27	<=30	Pass
			24	21.23	0.90	22.13	<=30	Pass
		12	0	20.23	0.90	21.13	<=30	Pass
			6	20.28	0.90	21.18	<=30	Pass
			13	20.17	0.90	21.07	<=30	Pass
		25	0	20.26	0.90	21.16	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B4_10MHz_EIRP

1.4.1 Test Result

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	22.20	0.90	23.10	<=30	Pass
			25	22.34	0.90	23.24	<=30	Pass
			49	22.23	0.90	23.13	<=30	Pass
		25	0	21.21	0.90	22.11	<=30	Pass
			13	21.20	0.90	22.10	<=30	Pass
			25	21.29	0.90	22.19	<=30	Pass
		50	0	21.19	0.90	22.09	<=30	Pass
	1732.5	1	0	22.24	0.90	23.14	<=30	Pass
			25	22.35	0.90	23.25	<=30	Pass
			49	22.27	0.90	23.17	<=30	Pass
		25	0	21.34	0.90	22.24	<=30	Pass
			13	21.29	0.90	22.19	<=30	Pass
			25	21.29	0.90	22.19	<=30	Pass
		50	0	21.33	0.90	22.23	<=30	Pass
	1750	1	0	22.24	0.90	23.14	<=30	Pass
			25	22.42	0.90	23.32	<=30	Pass
			49	22.20	0.90	23.10	<=30	Pass
		25	0	21.32	0.90	22.22	<=30	Pass
			13	21.22	0.90	22.12	<=30	Pass
			25	21.14	0.90	22.04	<=30	Pass
		50	0	21.23	0.90	22.13	<=30	Pass
16QAM	1715	1	0	21.70	0.90	22.60	<=30	Pass
			25	21.87	0.90	22.77	<=30	Pass
			49	21.74	0.90	22.64	<=30	Pass
		25	0	20.30	0.90	21.20	<=30	Pass
			13	20.30	0.90	21.20	<=30	Pass
			25	20.37	0.90	21.27	<=30	Pass
		50	0	20.30	0.90	21.20	<=30	Pass
	1732.5	1	0	21.37	0.90	22.27	<=30	Pass
			25	21.61	0.90	22.51	<=30	Pass
			49	21.38	0.90	22.28	<=30	Pass
		25	0	20.39	0.90	21.29	<=30	Pass
			13	20.37	0.90	21.27	<=30	Pass
			25	20.39	0.90	21.29	<=30	Pass
		50	0	20.38	0.90	21.28	<=30	Pass
	1750	1	0	21.23	0.90	22.13	<=30	Pass
			25	21.38	0.90	22.28	<=30	Pass
			49	21.17	0.90	22.07	<=30	Pass
		25	0	20.45	0.90	21.35	<=30	Pass
			13	20.35	0.90	21.25	<=30	Pass
			25	20.27	0.90	21.17	<=30	Pass
		50	0	20.31	0.90	21.21	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B4_15MHz_EIRP

1.5.1 Test Result

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	22.17	0.90	23.07	<=30	Pass
			38	22.27	0.90	23.17	<=30	Pass
			74	22.19	0.90	23.09	<=30	Pass
		36	0	21.28	0.90	22.18	<=30	Pass
			18	21.32	0.90	22.22	<=30	Pass
			39	21.33	0.90	22.23	<=30	Pass
		75	0	21.32	0.90	22.22	<=30	Pass
	1732.5	1	0	22.28	0.90	23.18	<=30	Pass
			38	22.39	0.90	23.29	<=30	Pass
			74	22.23	0.90	23.13	<=30	Pass
		36	0	21.36	0.90	22.26	<=30	Pass
			18	21.41	0.90	22.31	<=30	Pass
			39	21.35	0.90	22.25	<=30	Pass
		75	0	21.35	0.90	22.25	<=30	Pass
	1747.5	1	0	22.25	0.90	23.15	<=30	Pass
			38	22.28	0.90	23.18	<=30	Pass
			74	22.15	0.90	23.05	<=30	Pass
		36	0	21.40	0.90	22.30	<=30	Pass
			18	21.34	0.90	22.24	<=30	Pass
			39	21.20	0.90	22.10	<=30	Pass
		75	0	21.31	0.90	22.21	<=30	Pass
16QAM	1717.5	1	0	21.69	0.90	22.59	<=30	Pass
			38	21.79	0.90	22.69	<=30	Pass
			74	21.74	0.90	22.64	<=30	Pass
		36	0	20.28	0.90	21.18	<=30	Pass
			18	20.34	0.90	21.24	<=30	Pass
			39	20.34	0.90	21.24	<=30	Pass
		75	0	20.43	0.90	21.33	<=30	Pass
	1732.5	1	0	21.41	0.90	22.31	<=30	Pass
			38	21.52	0.90	22.42	<=30	Pass
			74	21.32	0.90	22.22	<=30	Pass
		36	0	20.45	0.90	21.35	<=30	Pass
			18	20.48	0.90	21.38	<=30	Pass
			39	20.48	0.90	21.38	<=30	Pass
		75	0	20.51	0.90	21.41	<=30	Pass
	1747.5	1	0	21.61	0.90	22.51	<=30	Pass
			38	21.62	0.90	22.52	<=30	Pass
			74	21.47	0.90	22.37	<=30	Pass
		36	0	20.35	0.90	21.25	<=30	Pass
			18	20.30	0.90	21.20	<=30	Pass
			39	20.24	0.90	21.14	<=30	Pass
		75	0	20.31	0.90	21.21	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B4_20MHz_EIRP

1.6.1 Test Result

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	22.11	0.90	23.01	<=30	Pass
			50	22.43	0.90	23.33	<=30	Pass
			99	22.16	0.90	23.06	<=30	Pass
		50	0	21.15	0.90	22.05	<=30	Pass
			25	21.28	0.90	22.18	<=30	Pass
			50	21.31	0.90	22.21	<=30	Pass
		100	0	21.27	0.90	22.17	<=30	Pass
	1732.5	1	0	22.14	0.90	23.04	<=30	Pass
			50	22.53	0.90	23.43	<=30	Pass
			99	22.20	0.90	23.10	<=30	Pass
		50	0	21.28	0.90	22.18	<=30	Pass
			25	21.38	0.90	22.28	<=30	Pass
			50	21.23	0.90	22.13	<=30	Pass
		100	0	21.31	0.90	22.21	<=30	Pass
	1745	1	0	22.12	0.90	23.02	<=30	Pass
			50	22.45	0.90	23.35	<=30	Pass
			99	22.03	0.90	22.93	<=30	Pass
		50	0	21.34	0.90	22.24	<=30	Pass
			25	21.28	0.90	22.18	<=30	Pass
			50	21.10	0.90	22.00	<=30	Pass
		100	0	21.26	0.90	22.16	<=30	Pass
16QAM	1720	1	0	21.30	0.90	22.20	<=30	Pass
			50	21.65	0.90	22.55	<=30	Pass
			99	21.41	0.90	22.31	<=30	Pass
		50	0	20.16	0.90	21.06	<=30	Pass
			25	20.31	0.90	21.21	<=30	Pass
			50	20.29	0.90	21.19	<=30	Pass
		100	0	20.37	0.90	21.27	<=30	Pass
	1732.5	1	0	21.39	0.90	22.29	<=30	Pass
			50	21.73	0.90	22.63	<=30	Pass
			99	21.39	0.90	22.29	<=30	Pass
		50	0	20.34	0.90	21.24	<=30	Pass
			25	20.42	0.90	21.32	<=30	Pass
			50	20.34	0.90	21.24	<=30	Pass
		100	0	20.45	0.90	21.35	<=30	Pass
	1745	1	0	21.67	0.90	22.57	<=30	Pass
			50	21.93	0.90	22.83	<=30	Pass
			99	21.64	0.90	22.54	<=30	Pass
		50	0	20.40	0.90	21.30	<=30	Pass
			25	20.33	0.90	21.23	<=30	Pass
			50	20.19	0.90	21.09	<=30	Pass
		100	0	20.28	0.90	21.18	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

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	3.6	-11.187	-0.0065	-2.5 to 2.5	Pass
					3.85	1.516	0.0009	-2.5 to 2.5	Pass
					4.4	-10.858	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	4.048	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-9.828	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-14.591	-0.0085	-2.5 to 2.5	Pass
				30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0003	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.6	-4.005	-0.0023	-2.5 to 2.5	Pass
					3.85	2.818	0.0016	-2.5 to 2.5	Pass
					4.4	-6.037	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-8.054	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-13.275	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-15.306	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				40	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				50	3.85	-9.599	-0.0055	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.6	-8.340	-0.0048	-2.5 to 2.5	Pass
					3.85	-9.727	-0.0055	-2.5 to 2.5	Pass
					4.4	-7.696	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-14.234	-0.0081	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	5.522	0.0031	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				50	3.85	4.134	0.0024	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.6	-7.539	-0.0044	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.4	-0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-8.368	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
				40	3.85	4.120	0.0024	-2.5 to 2.5	Pass
				50	3.85	-10.099	-0.0059	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.6	-4.163	-0.0024	-2.5 to 2.5	Pass
					3.85	3.219	0.0019	-2.5 to 2.5	Pass
					4.4	1.245	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass

				-10	3.85	-11.344	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-12.846	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-12.059	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-15.721	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				50	3.85	2.489	0.0014	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.6	1.516	0.0009	-2.5 to 2.5	Pass
					3.85	3.648	0.0021	-2.5 to 2.5	Pass
					4.4	2.475	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-9.155	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-14.491	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-9.241	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-9.484	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-10.858	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-10.128	-0.0058	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band4_OBW

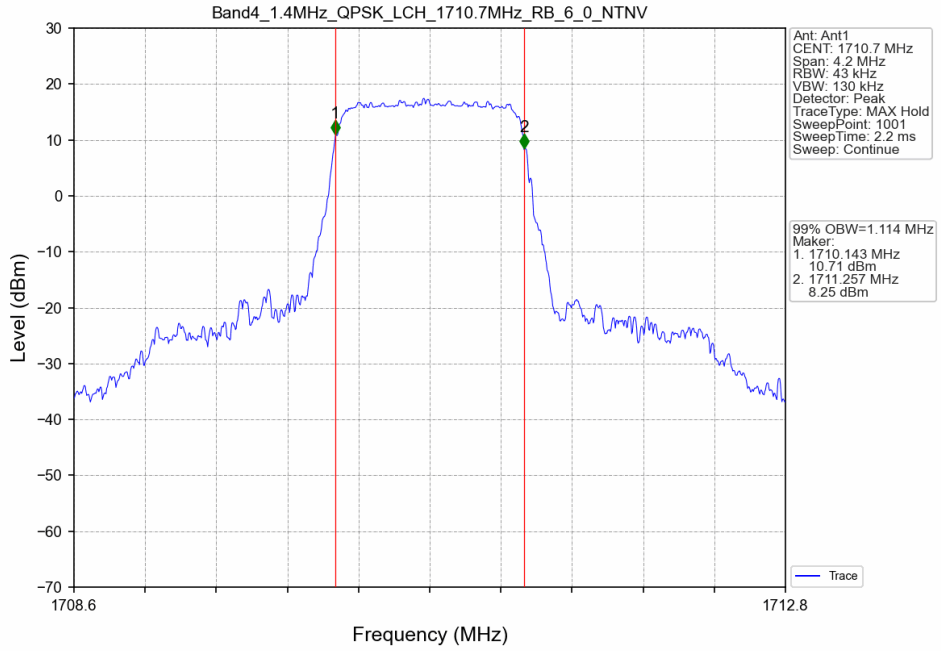
3.1.1 Test Result

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	1.126	/	Pass
		1754.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.100	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.111	/	Pass
3	QPSK	1711.5	15	0	2.722	/	Pass
		1732.5	15	0	2.729	/	Pass
		1753.5	15	0	2.731	/	Pass
	16QAM	1711.5	15	0	2.716	/	Pass
		1732.5	15	0	2.719	/	Pass
		1753.5	15	0	2.726	/	Pass
5	QPSK	1712.5	25	0	4.553	/	Pass
		1732.5	25	0	4.537	/	Pass
		1752.5	25	0	4.554	/	Pass
	16QAM	1712.5	25	0	4.526	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.551	/	Pass
10	QPSK	1715	50	0	9.041	/	Pass
		1732.5	50	0	9.054	/	Pass
		1750	50	0	9.080	/	Pass
	16QAM	1715	50	0	9.050	/	Pass
		1732.5	50	0	9.058	/	Pass
		1750	50	0	9.074	/	Pass
15	QPSK	1717.5	75	0	13.608	/	Pass
		1732.5	75	0	13.555	/	Pass
		1747.5	75	0	13.555	/	Pass

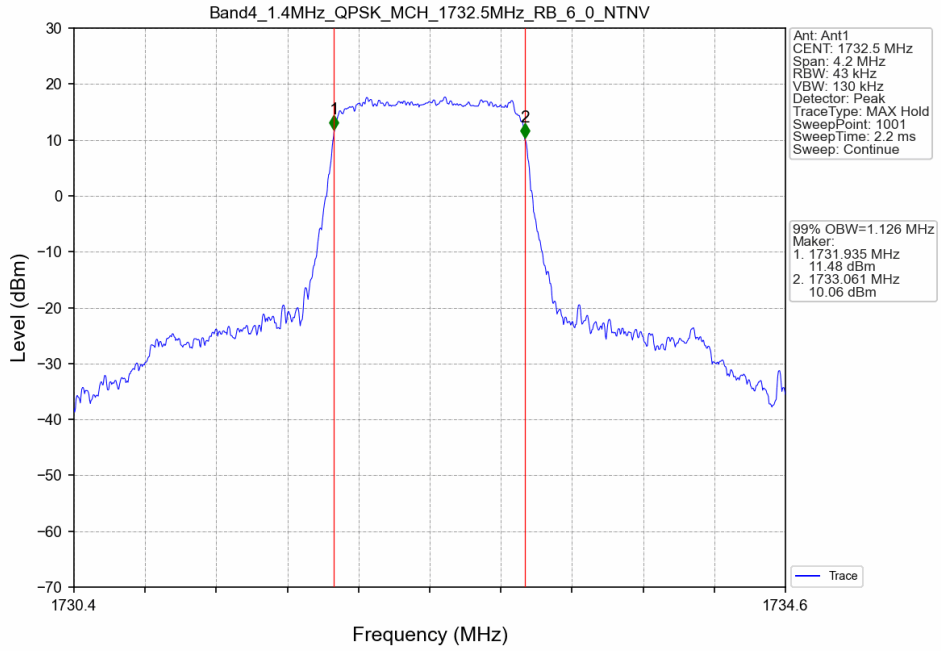
	16QAM	1717.5	75	0	13.570	/	Pass
		1732.5	75	0	13.569	/	Pass
		1747.5	75	0	13.591	/	Pass
20	QPSK	1720	100	0	18.132	/	Pass
		1732.5	100	0	18.077	/	Pass
		1745	100	0	18.078	/	Pass
	16QAM	1720	100	0	18.069	/	Pass
		1732.5	100	0	18.078	/	Pass
		1745	100	0	18.078	/	Pass

3.1.2 Test Graph

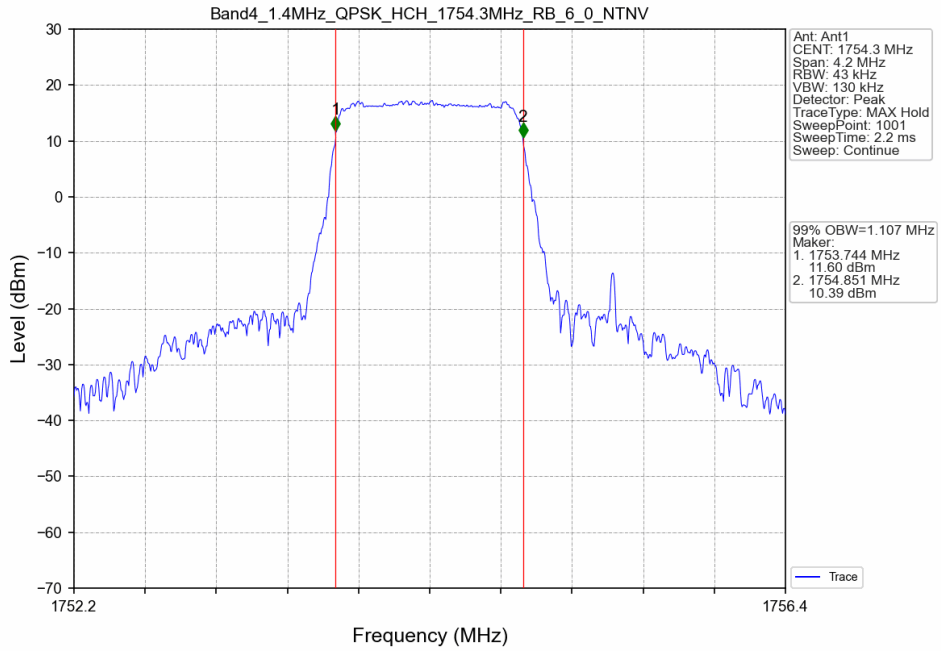
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



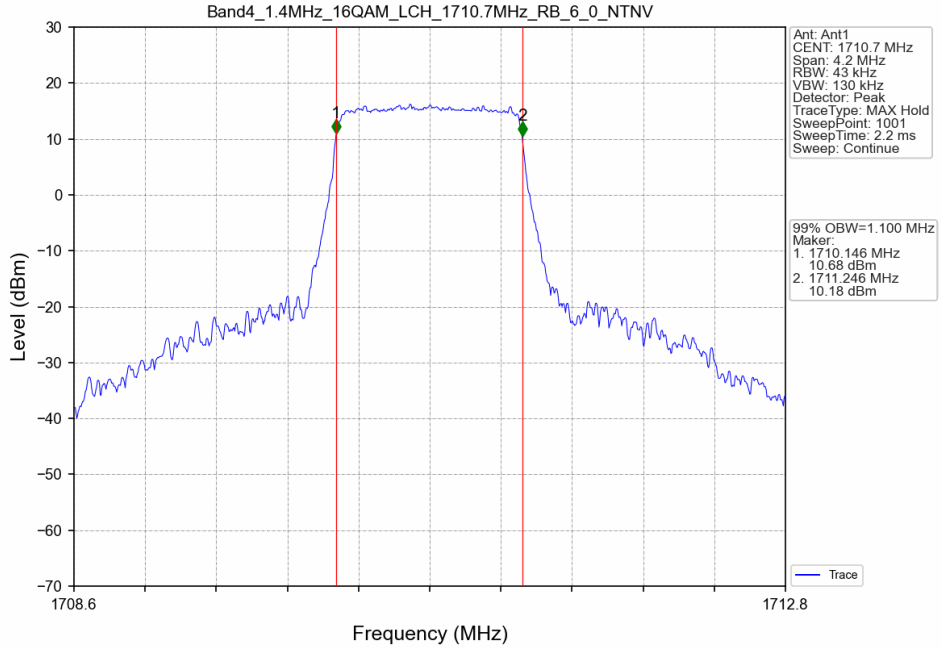
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



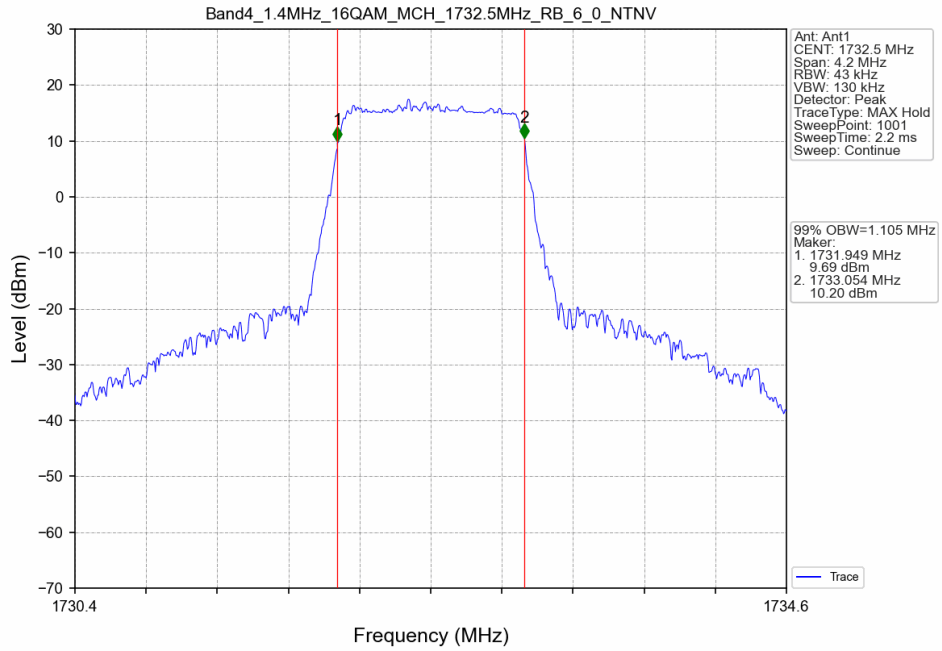
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



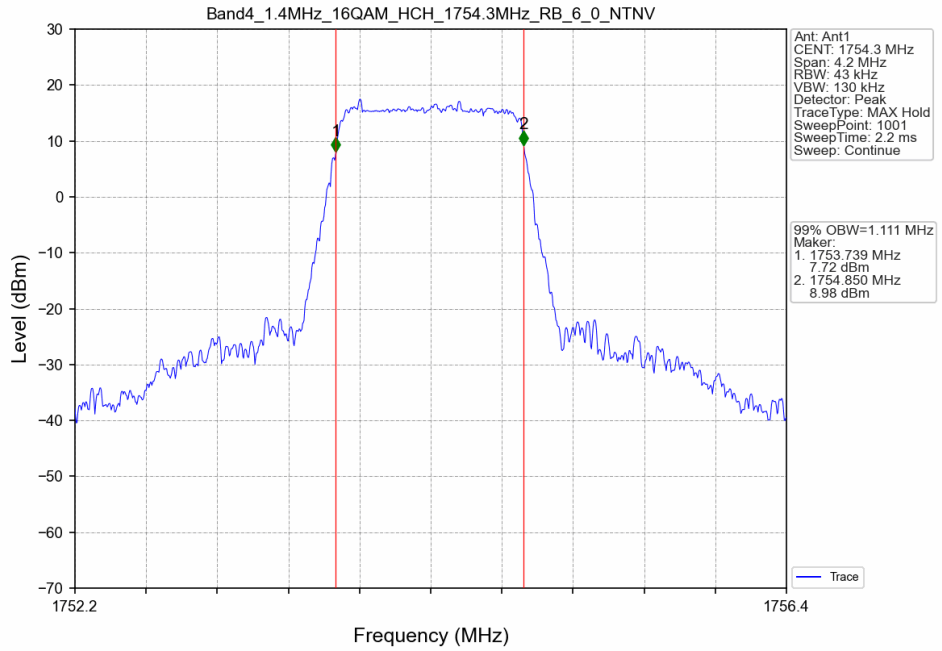
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



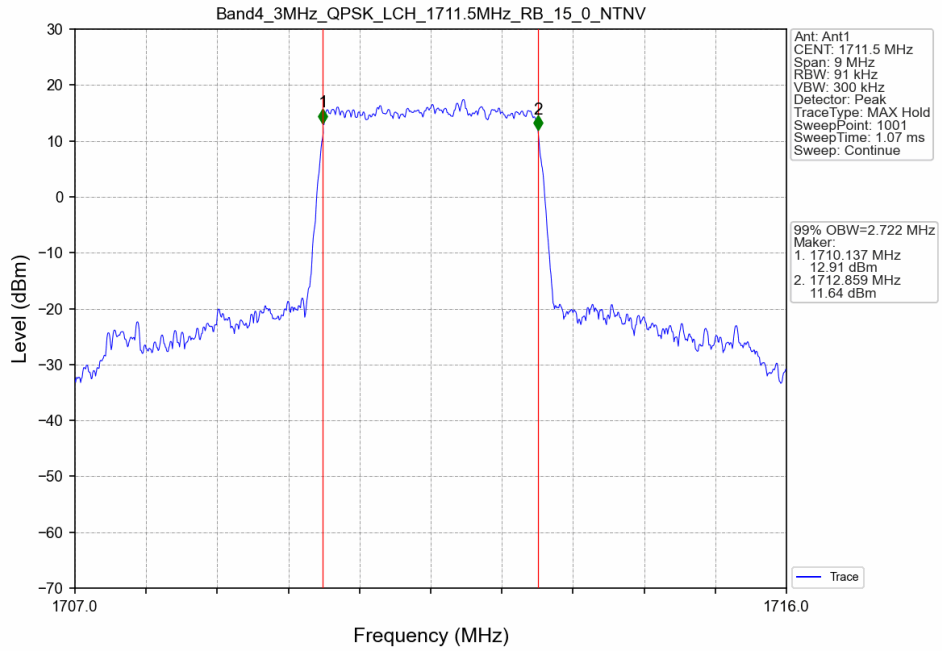
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



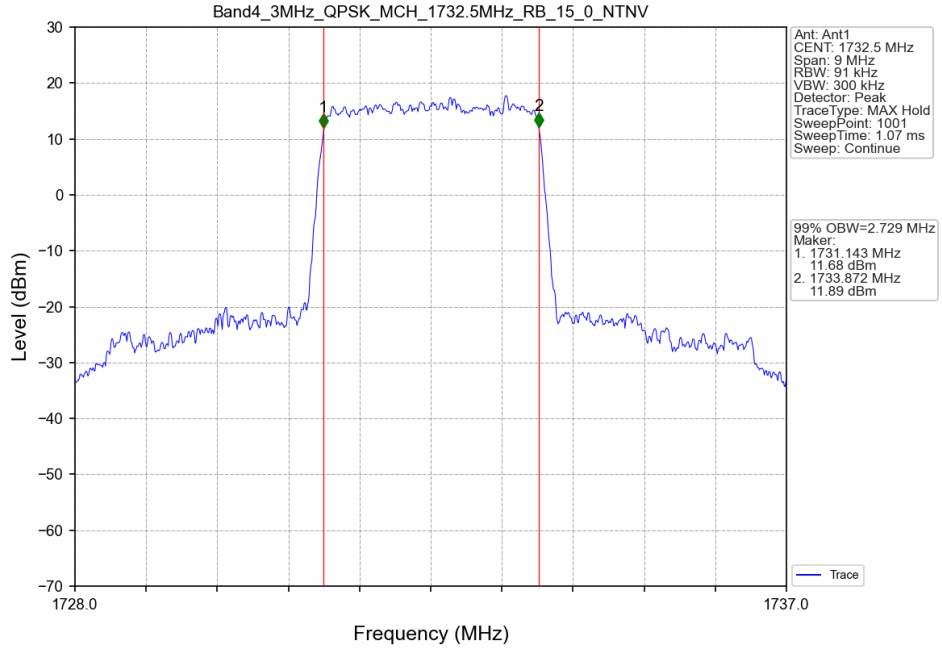
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



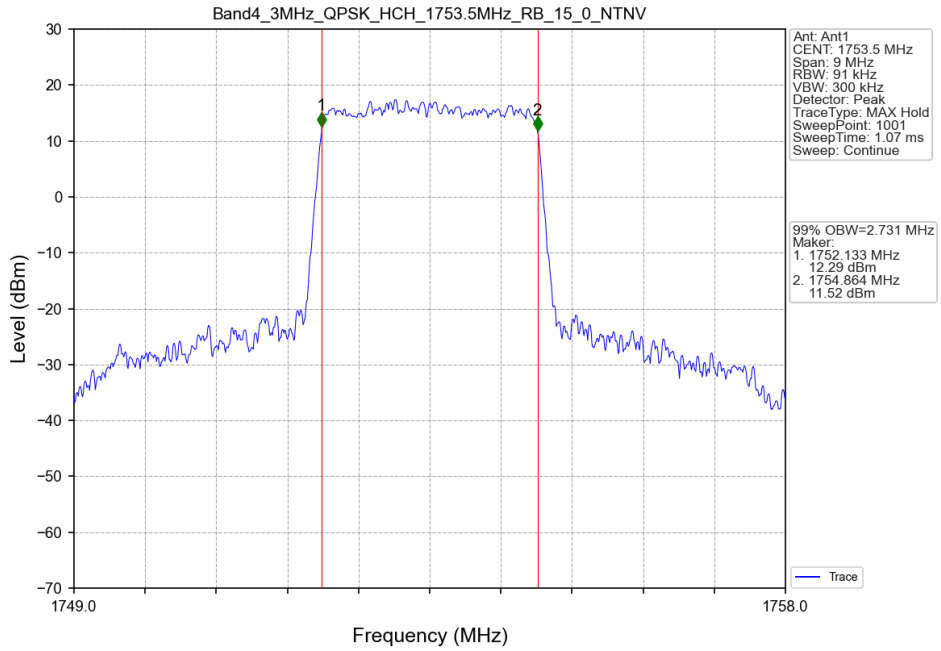
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



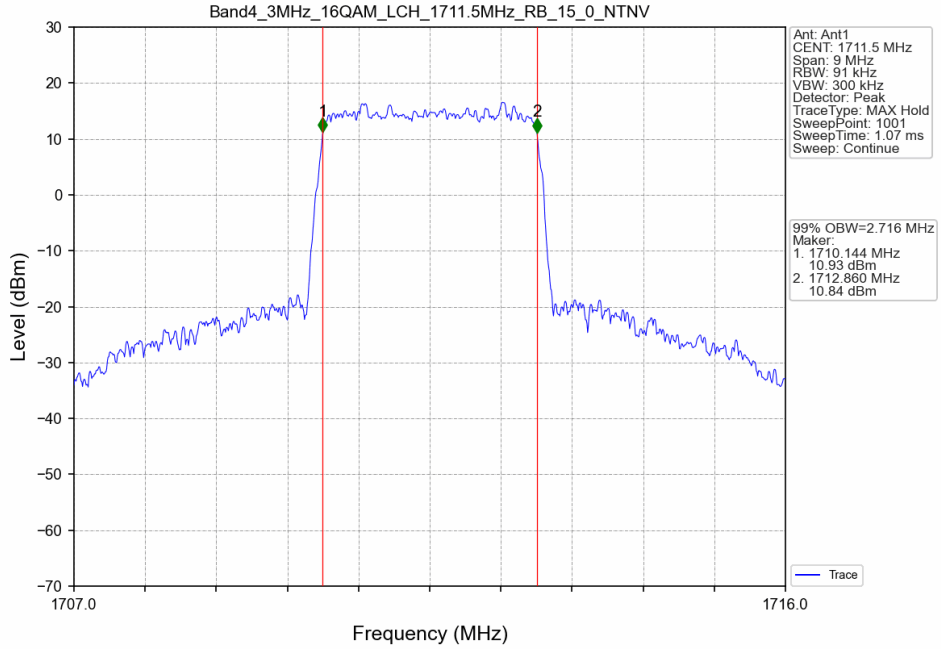
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



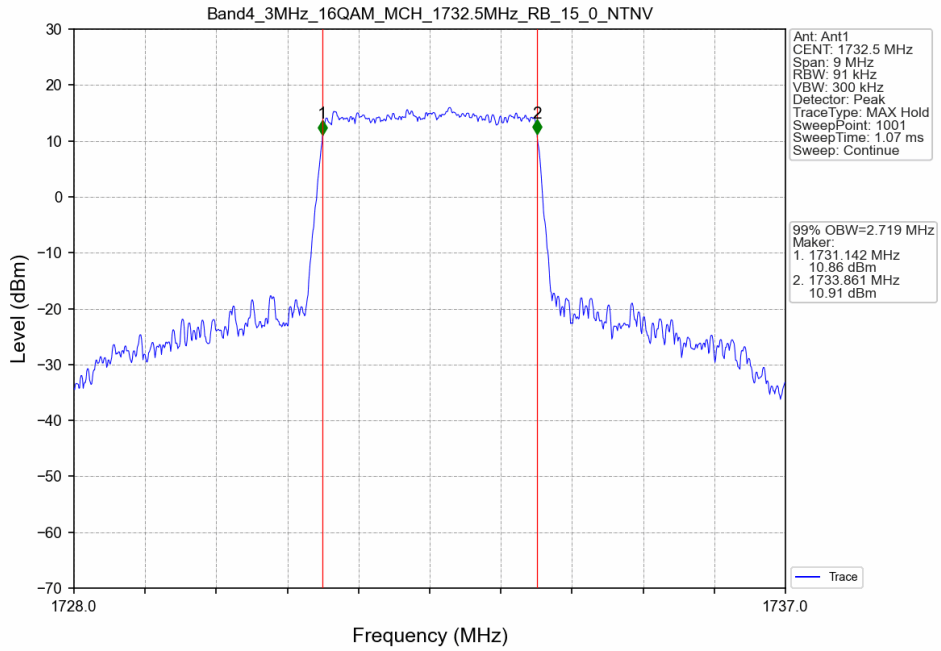
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



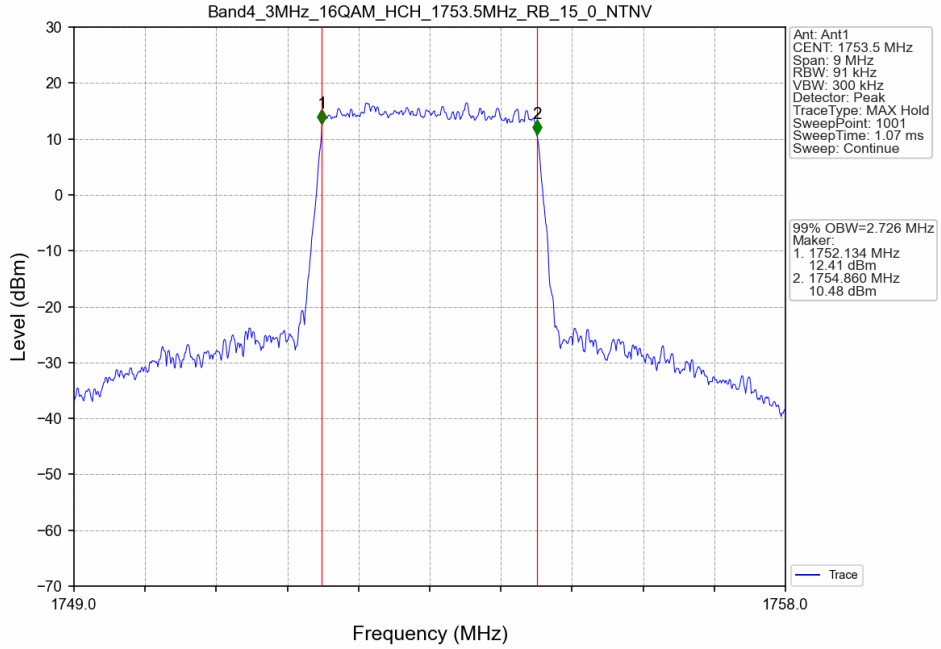
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



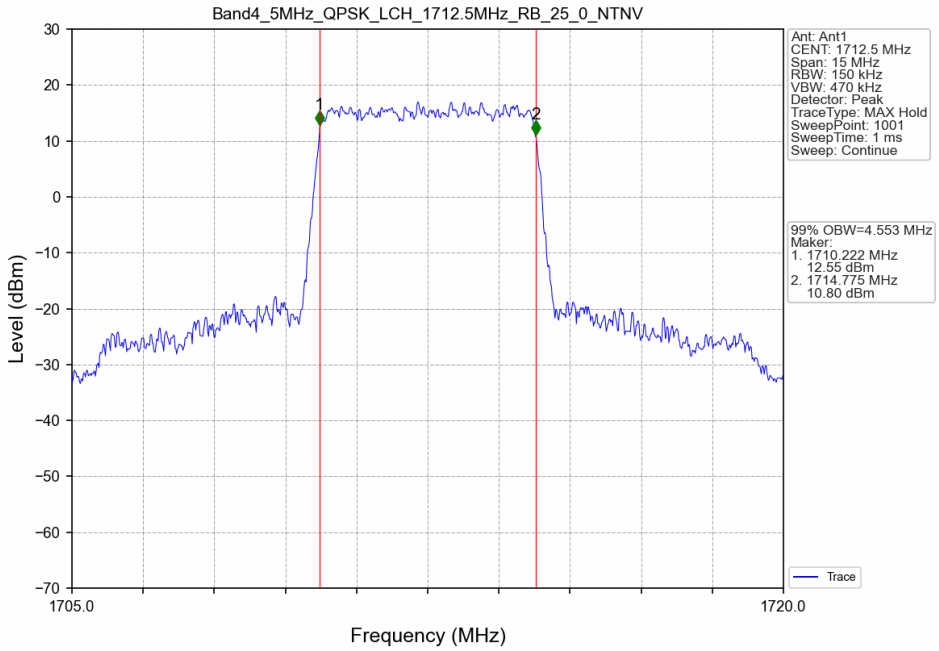
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



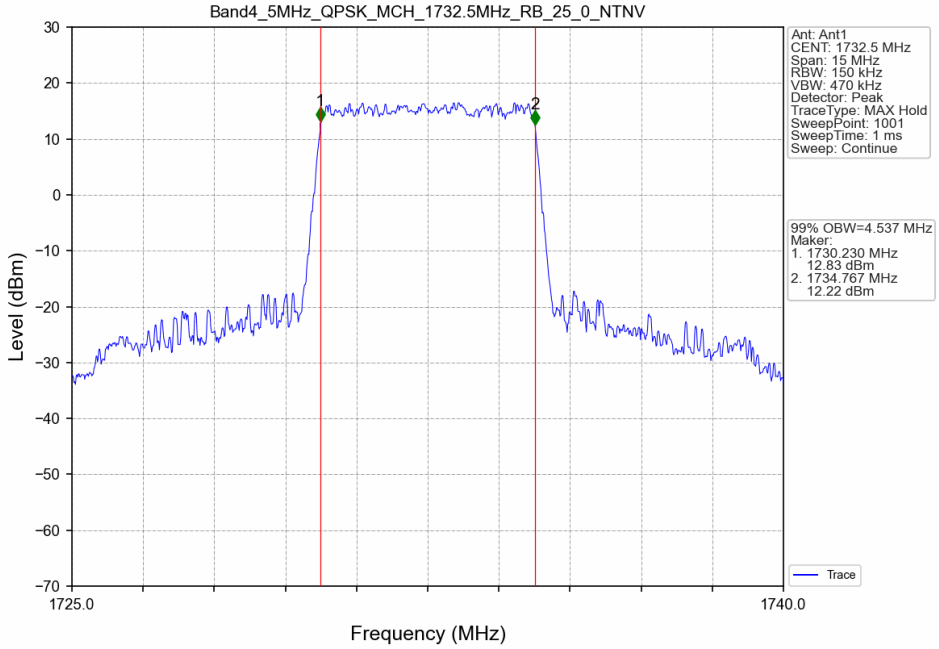
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



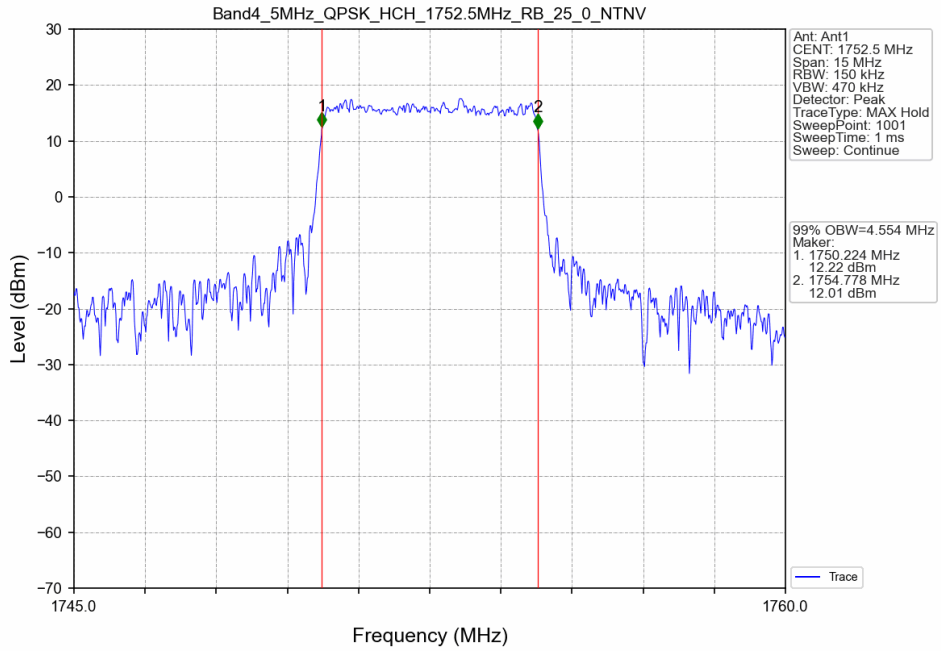
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



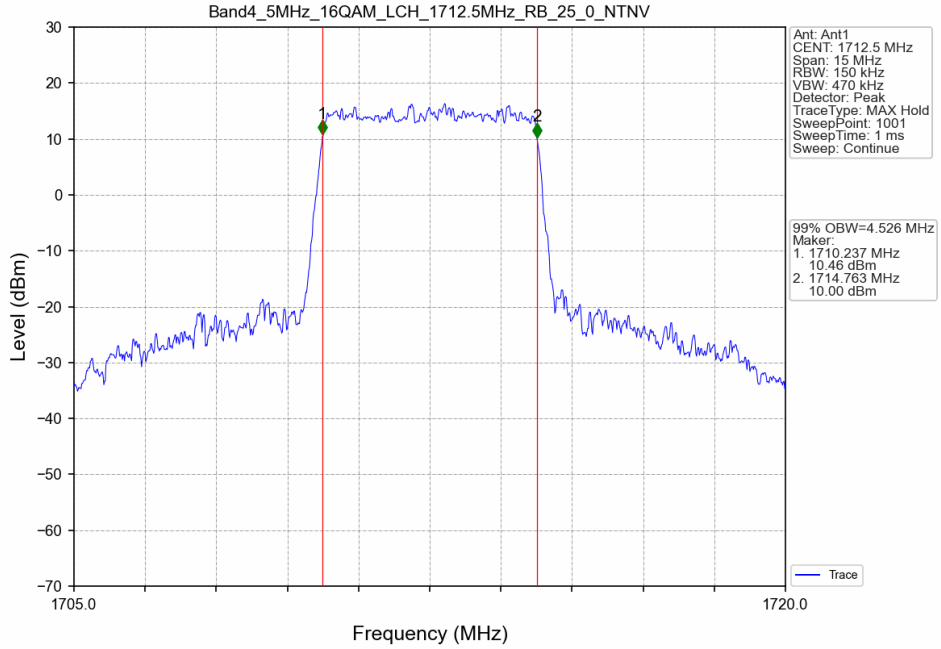
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



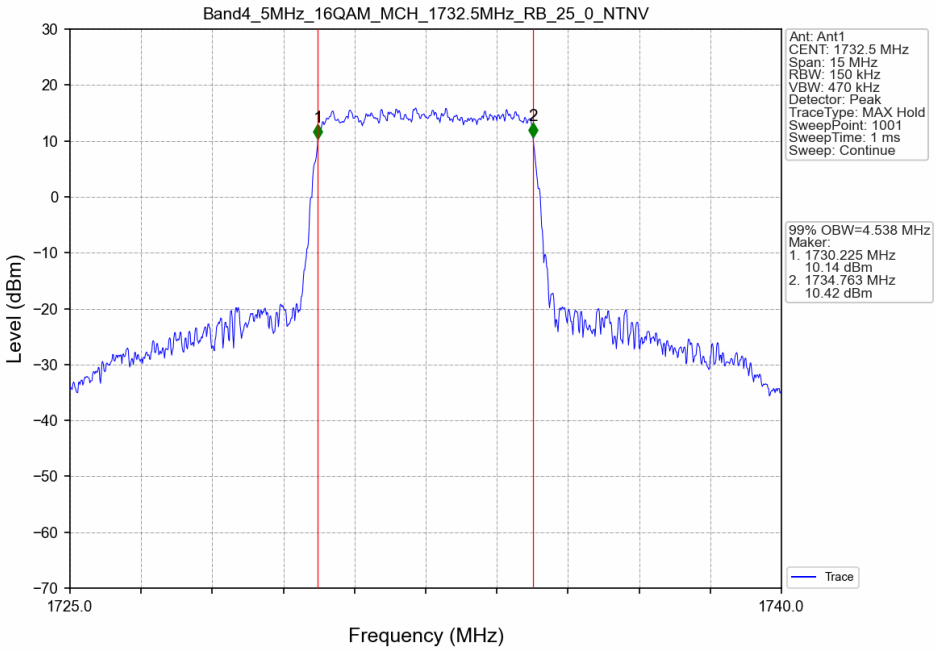
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



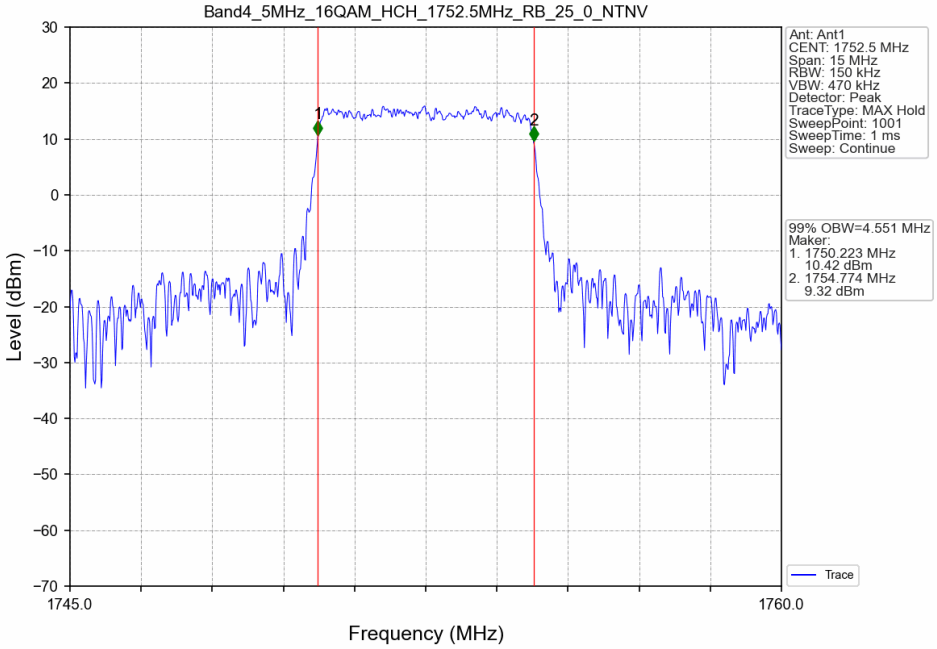
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



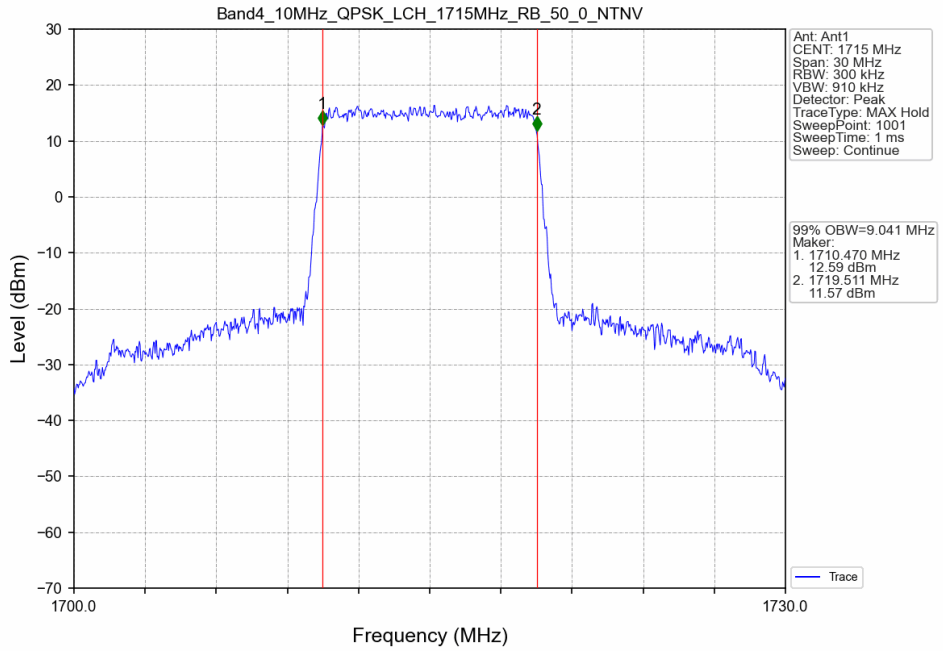
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



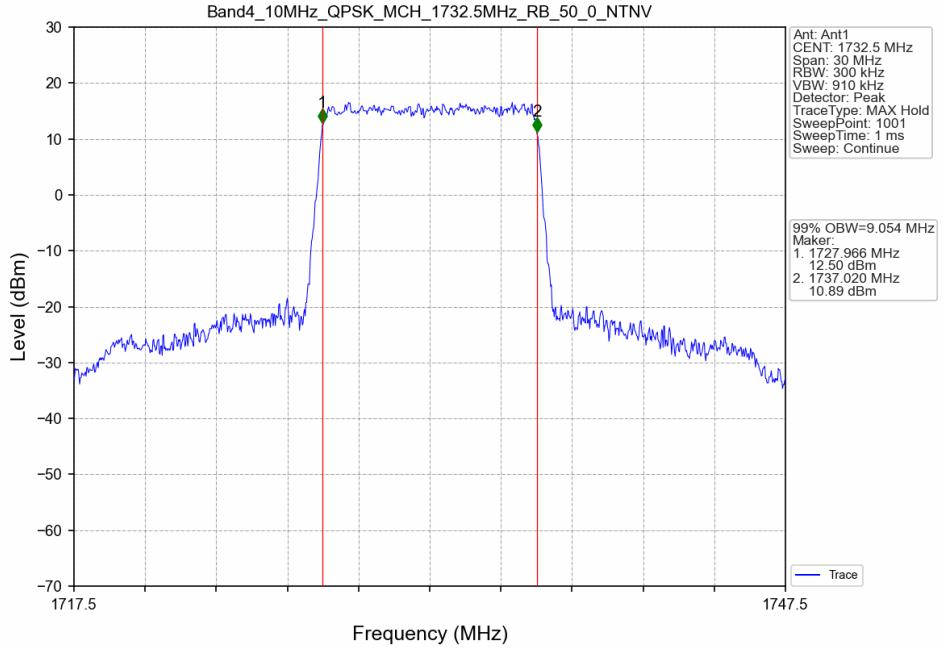
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



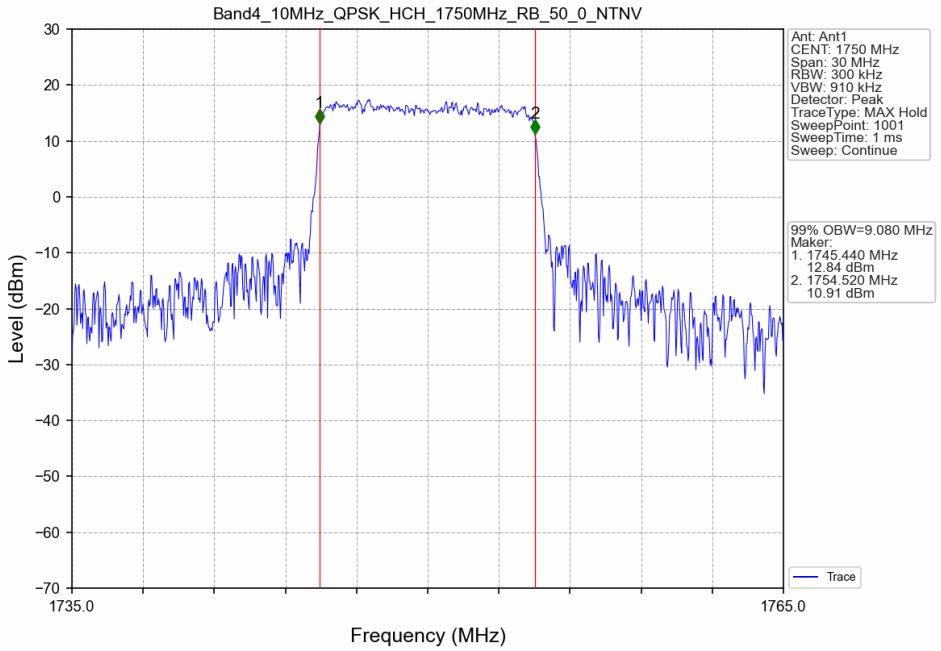
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



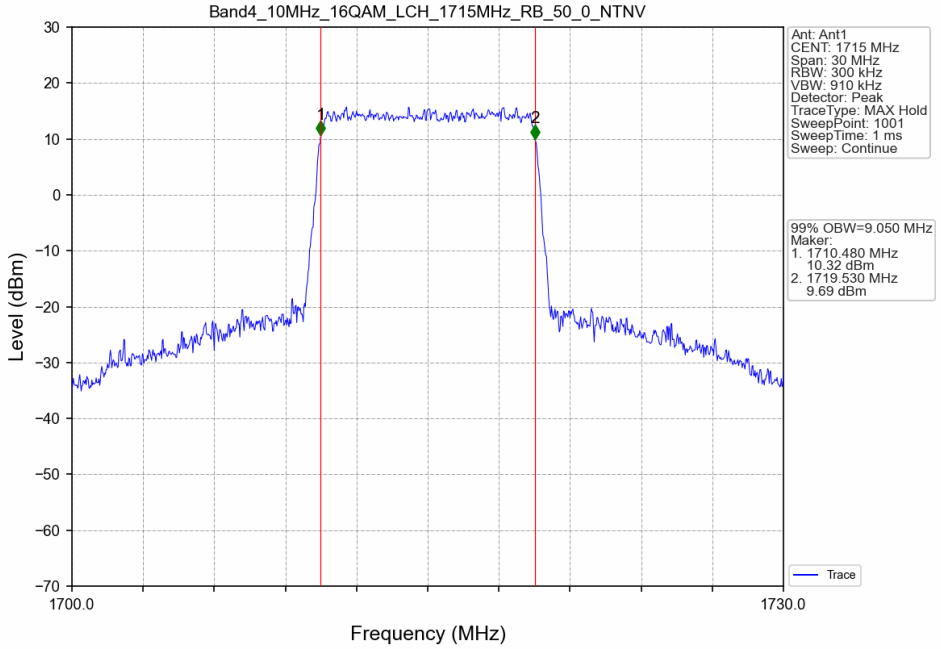
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



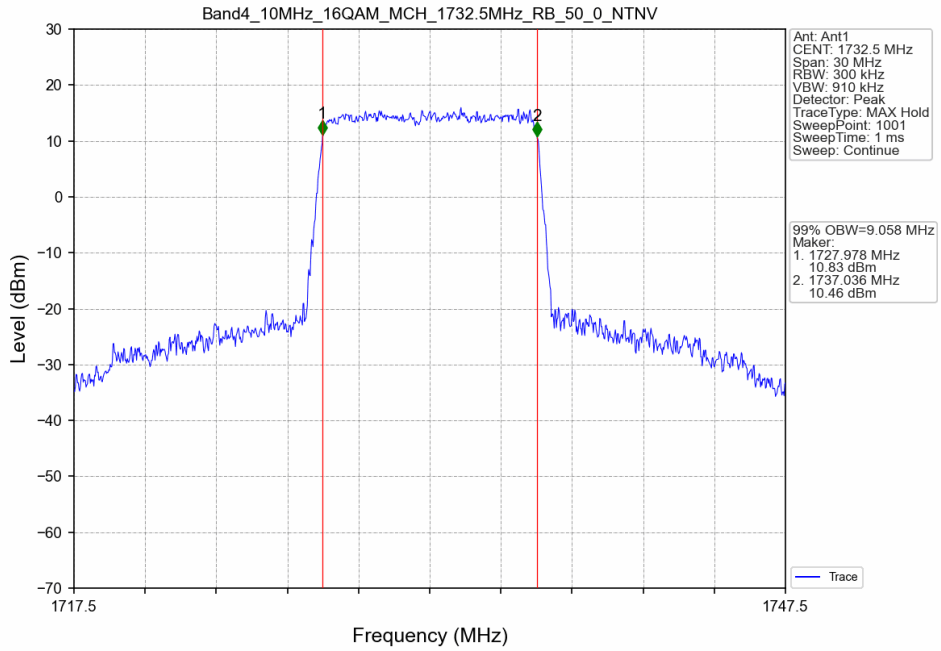
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



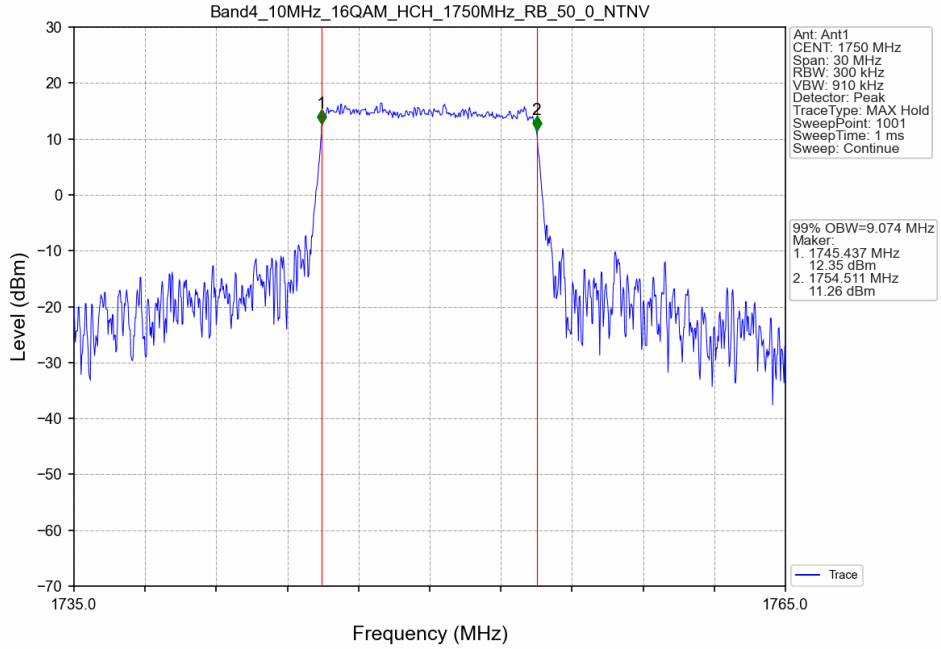
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



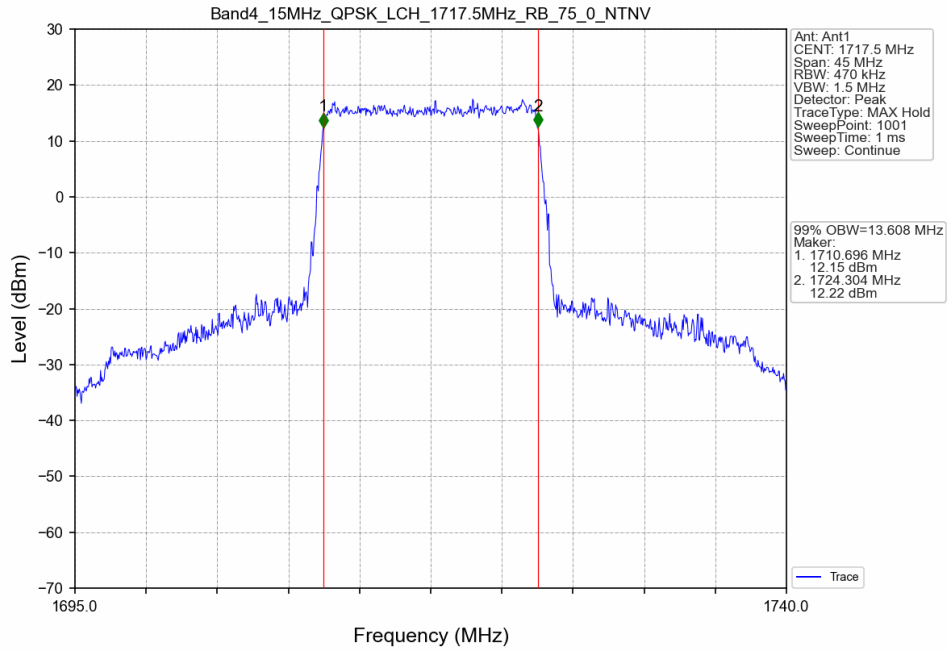
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



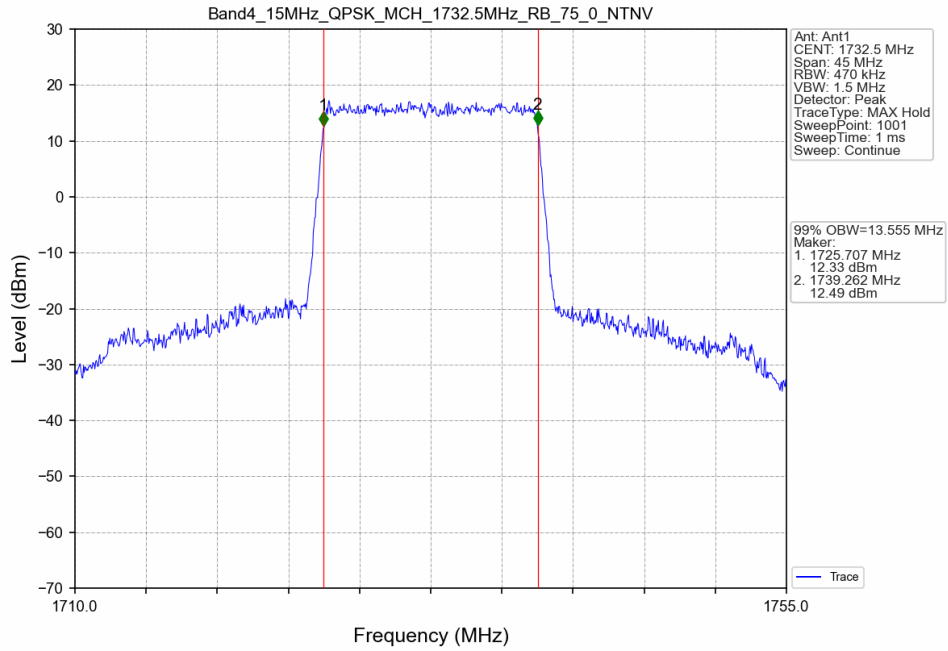
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



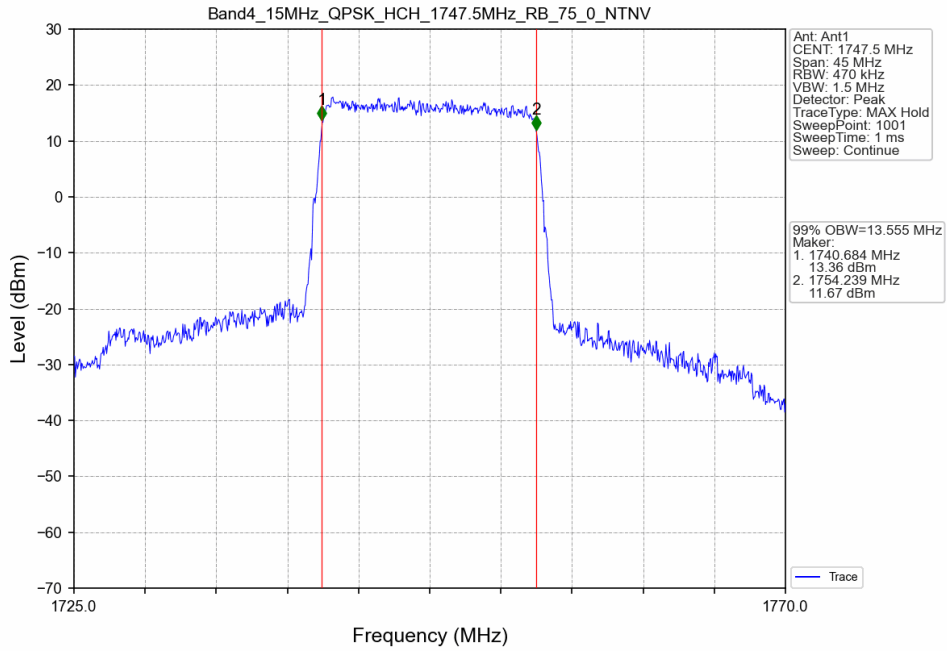
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



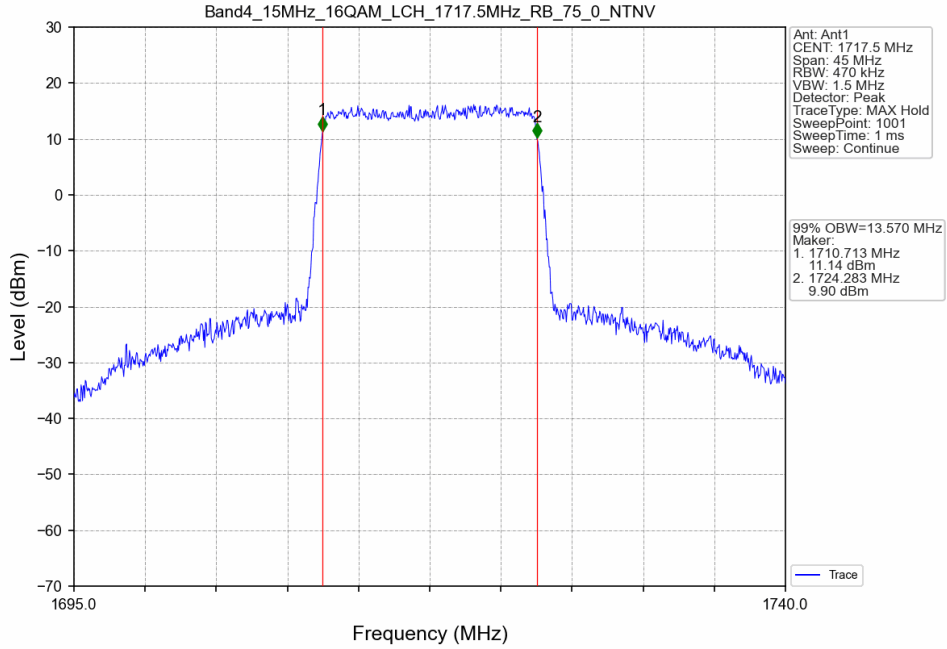
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



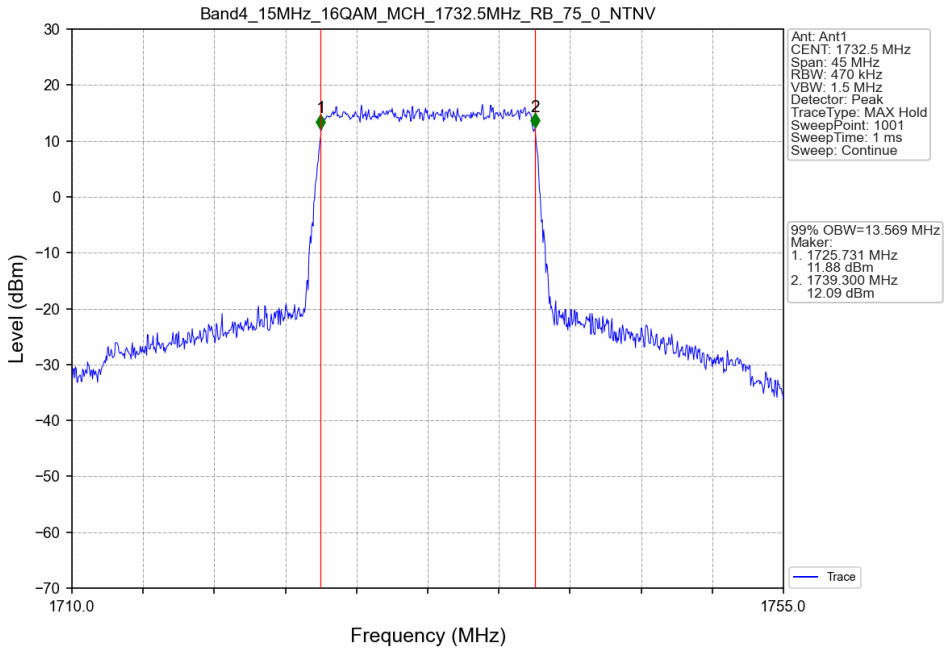
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



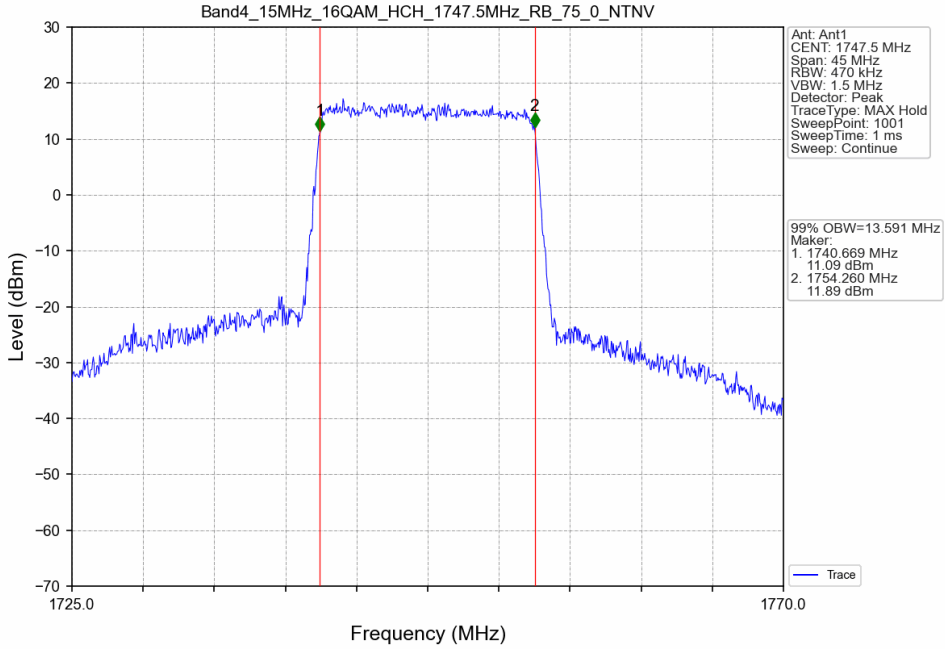
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



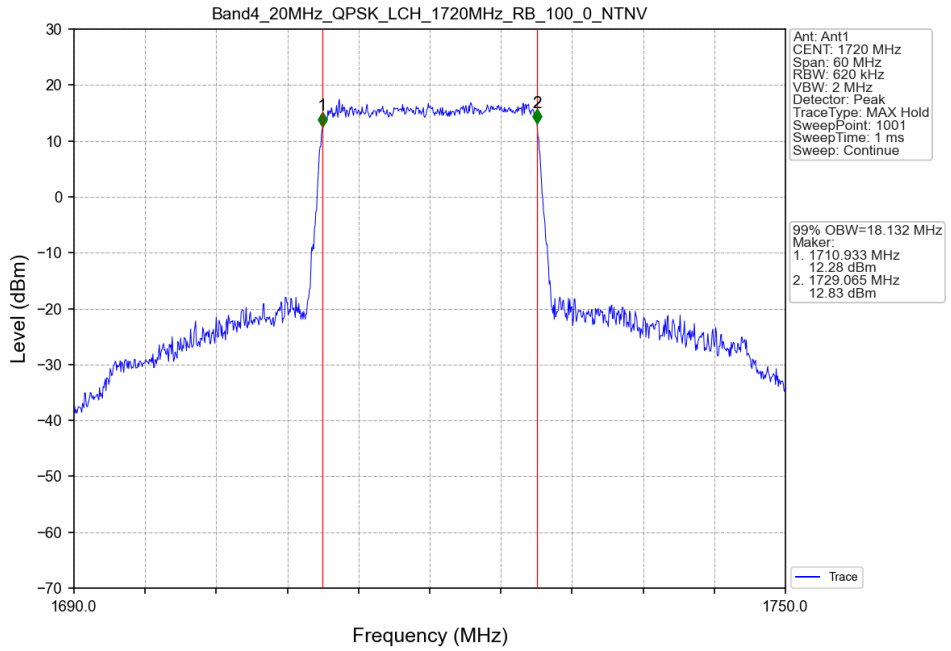
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



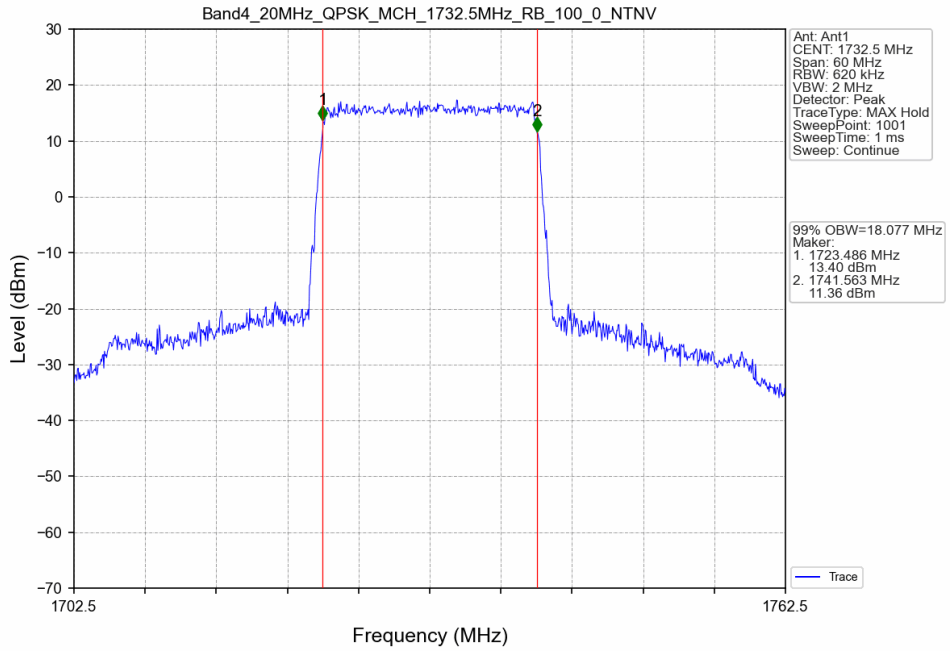
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



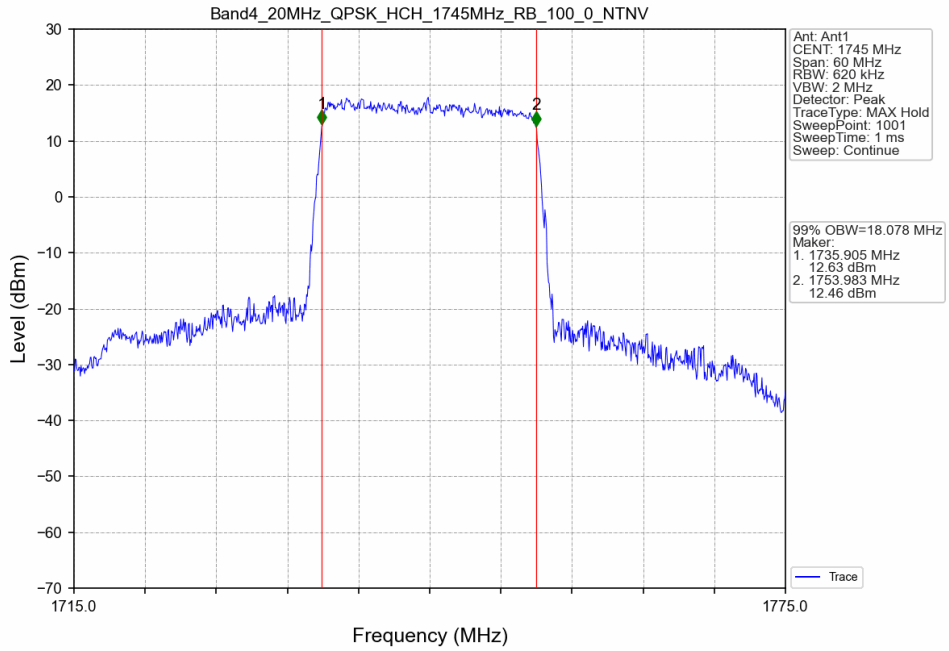
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



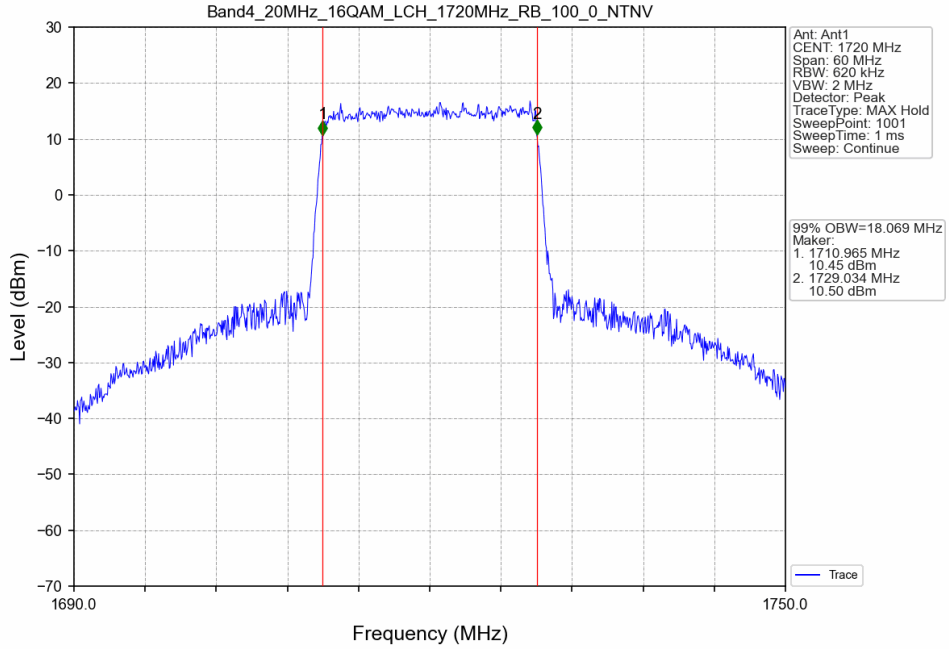
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



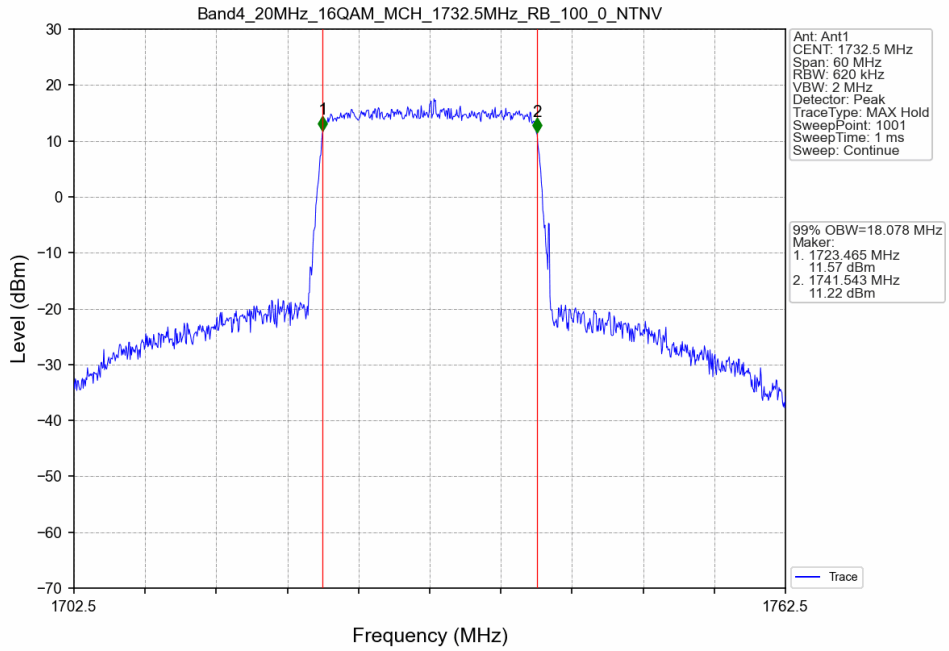
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



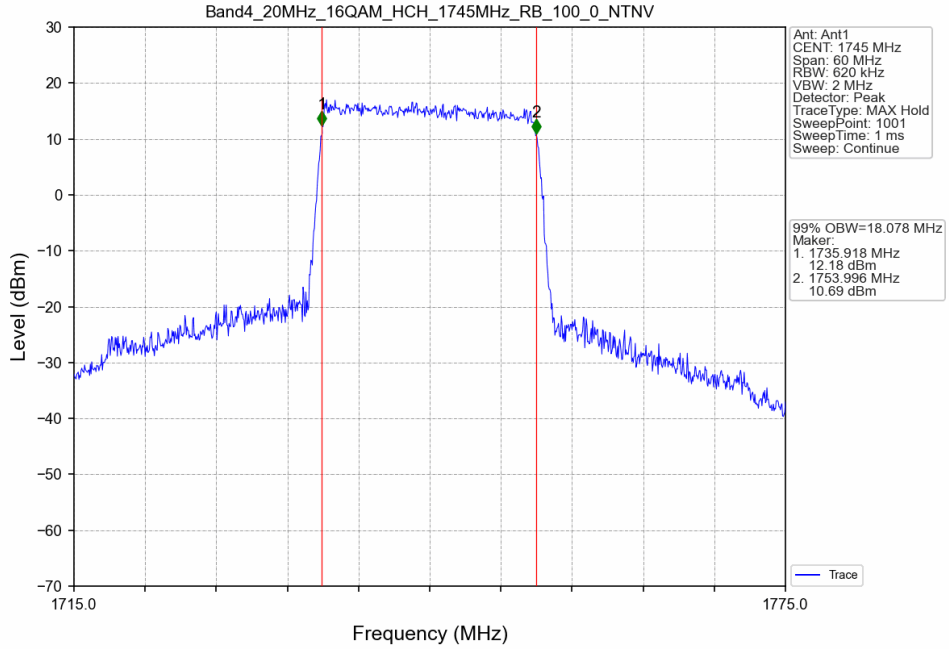
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



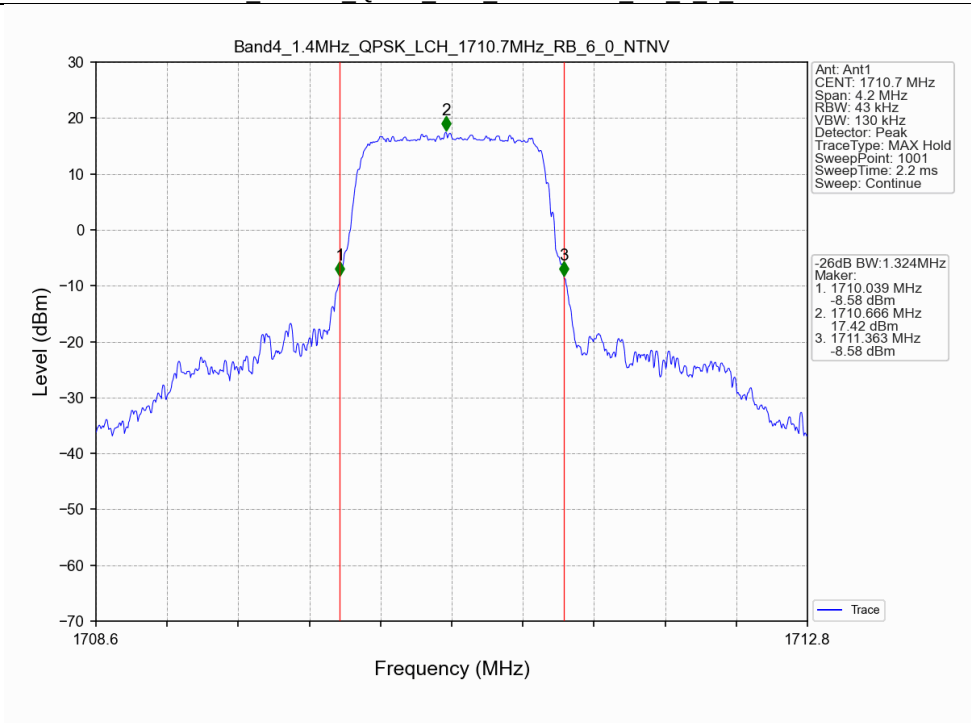
3.2 Band4_XDB

3.2.1 Test Result

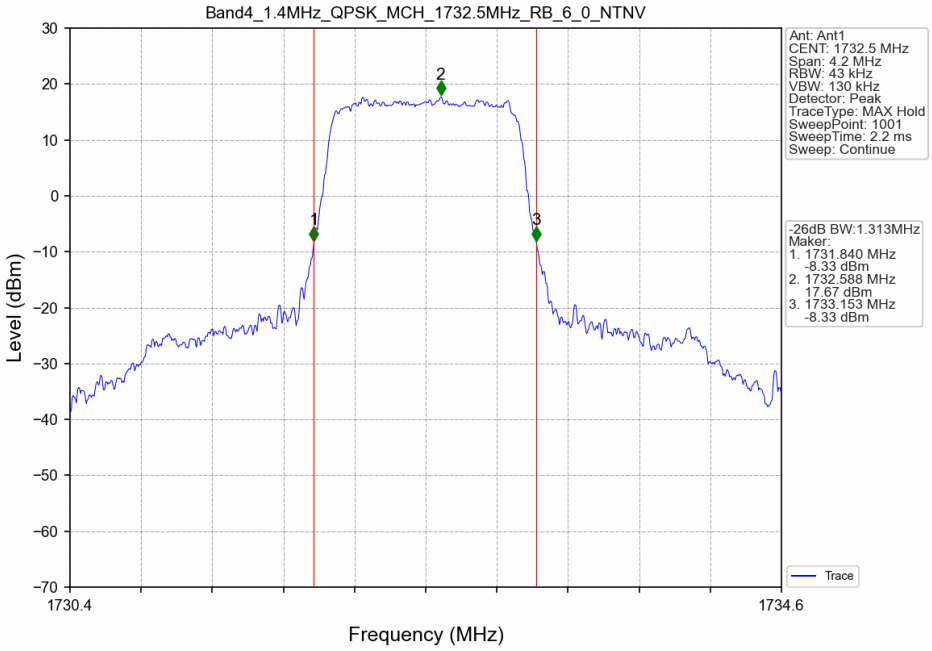
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.324	/	Pass
		1732.5	6	0	1.313	/	Pass
		1754.3	6	0	1.318	/	Pass
	16QAM	1710.7	6	0	1.309	/	Pass
		1732.5	6	0	1.322	/	Pass
		1754.3	6	0	1.324	/	Pass
3	QPSK	1711.5	15	0	2.982	/	Pass
		1732.5	15	0	2.991	/	Pass
		1753.5	15	0	2.977	/	Pass
	16QAM	1711.5	15	0	2.982	/	Pass
		1732.5	15	0	2.996	/	Pass
		1753.5	15	0	2.998	/	Pass
5	QPSK	1712.5	25	0	5.018	/	Pass
		1732.5	25	0	5.000	/	Pass
		1752.5	25	0	5.706	/	Pass
	16QAM	1712.5	25	0	5.018	/	Pass
		1732.5	25	0	4.998	/	Pass
		1752.5	25	0	5.360	/	Pass
10	QPSK	1715	50	0	9.954	/	Pass
		1732.5	50	0	9.941	/	Pass
		1750	50	0	10.977	/	Pass
	16QAM	1715	50	0	9.947	/	Pass
		1732.5	50	0	9.960	/	Pass
		1750	50	0	10.687	/	Pass
15	QPSK	1717.5	75	0	15.073	/	Pass
		1732.5	75	0	14.928	/	Pass
		1747.5	75	0	14.882	/	Pass
	16QAM	1717.5	75	0	14.876	/	Pass
		1732.5	75	0	14.923	/	Pass
		1747.5	75	0	14.867	/	Pass
20	QPSK	1720	100	0	19.672	/	Pass
		1732.5	100	0	19.608	/	Pass
		1745	100	0	19.777	/	Pass
	16QAM	1720	100	0	19.634	/	Pass
		1732.5	100	0	19.956	/	Pass
		1745	100	0	19.663	/	Pass

3.2.2 Test Graph

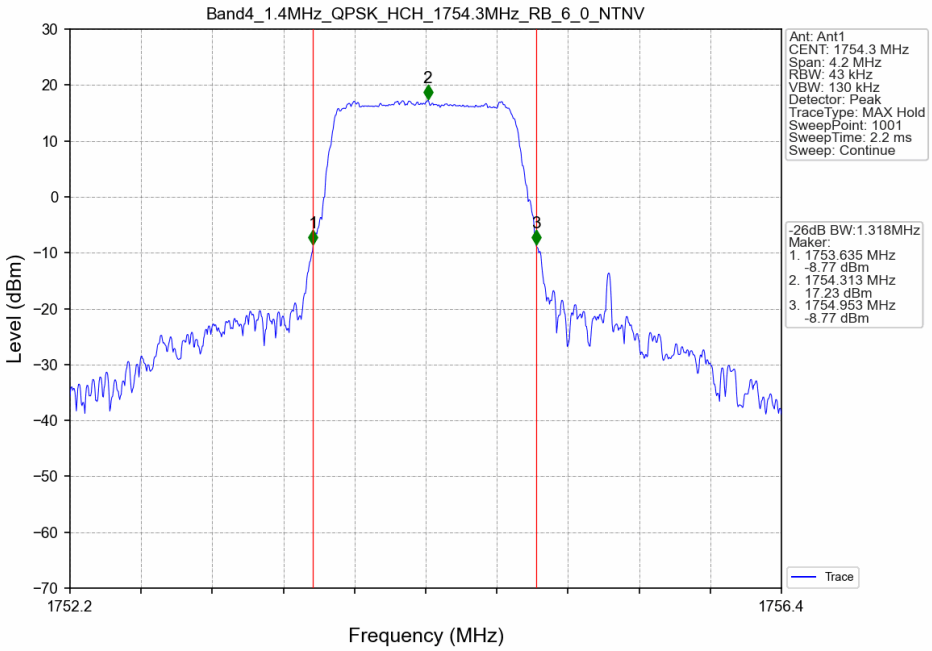
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



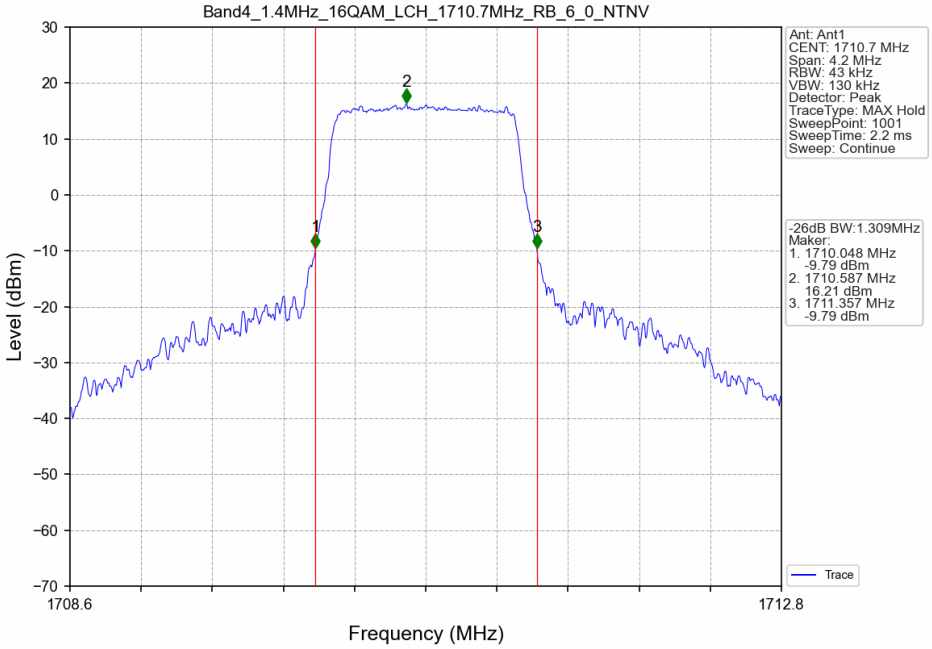
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



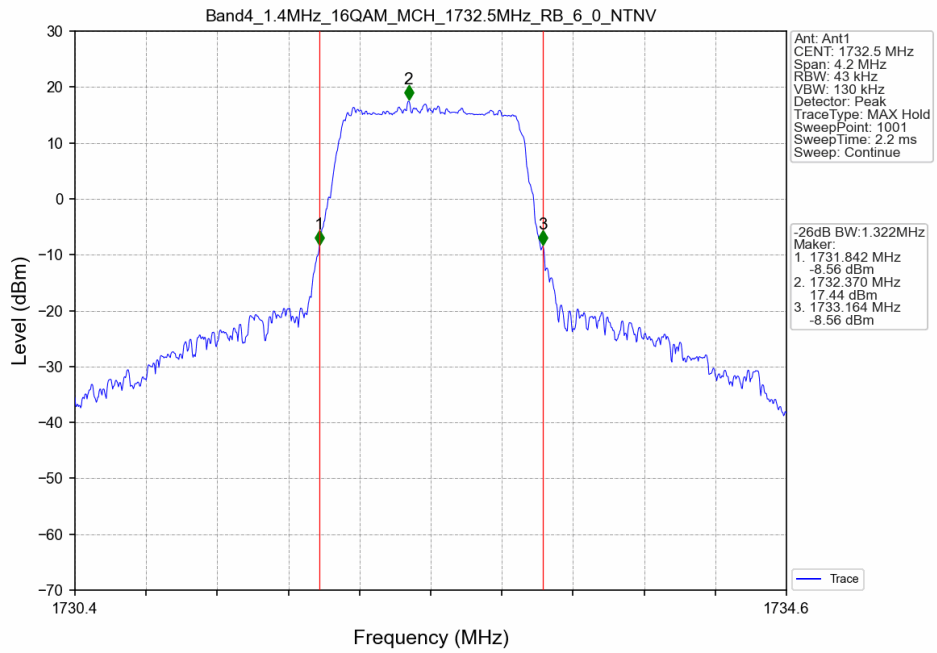
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



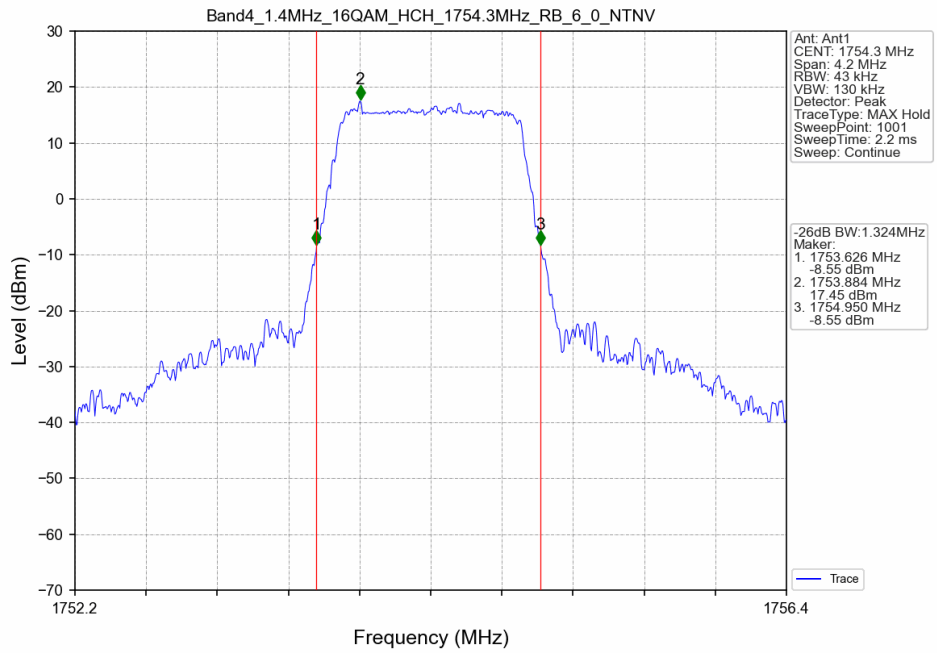
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



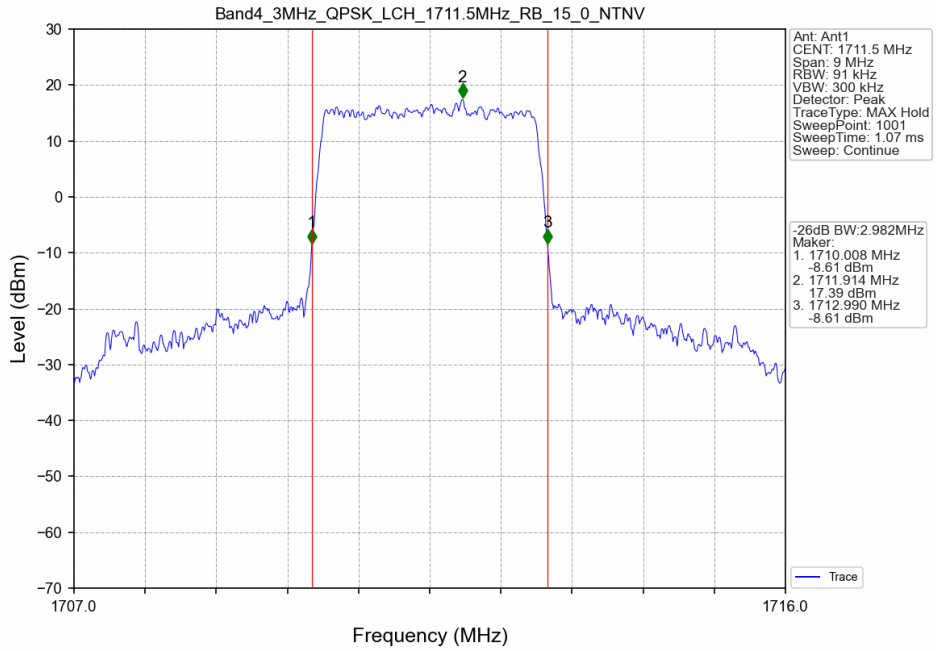
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



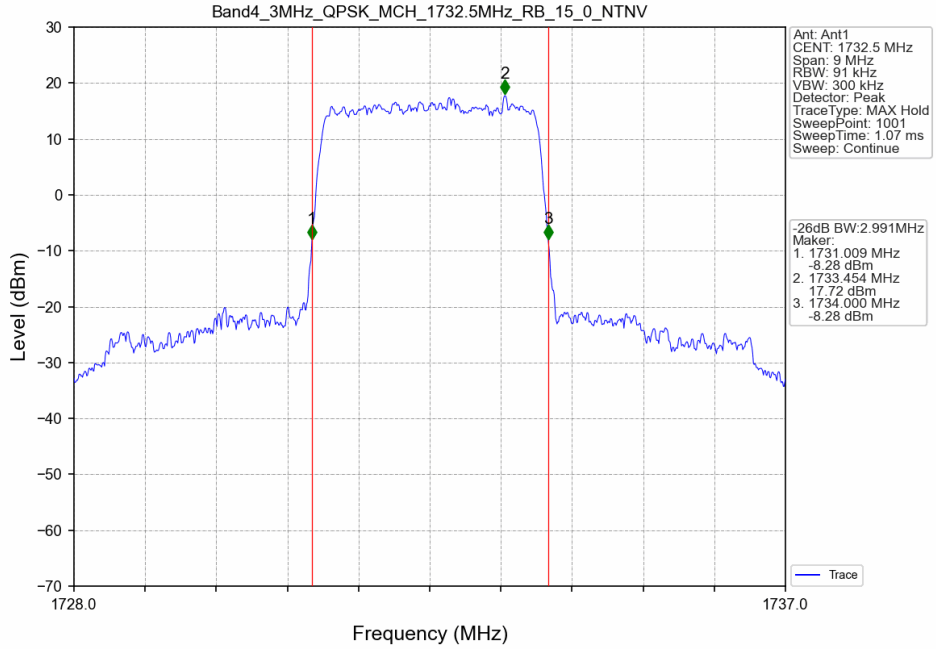
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



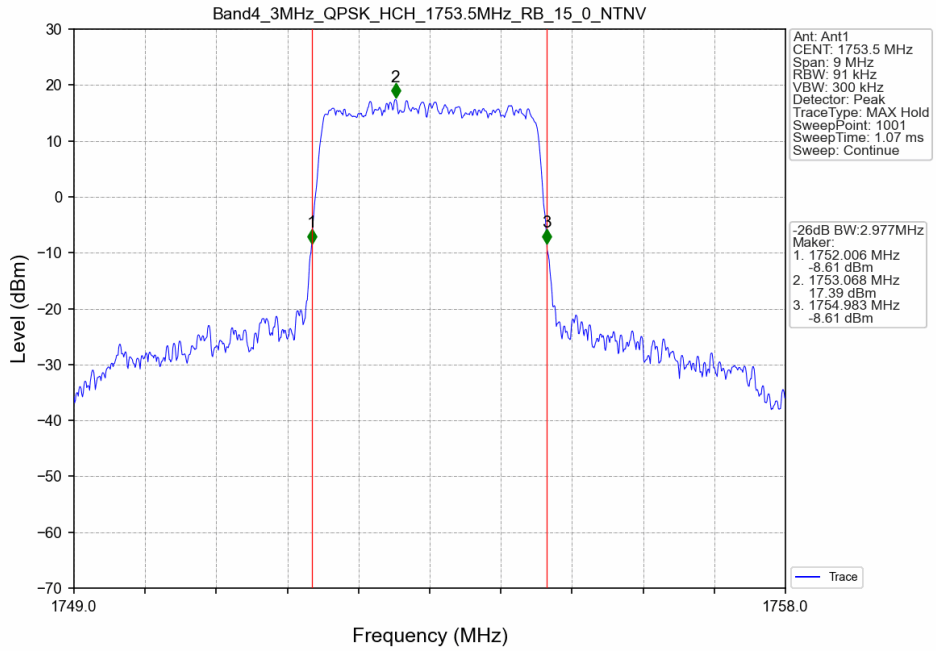
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



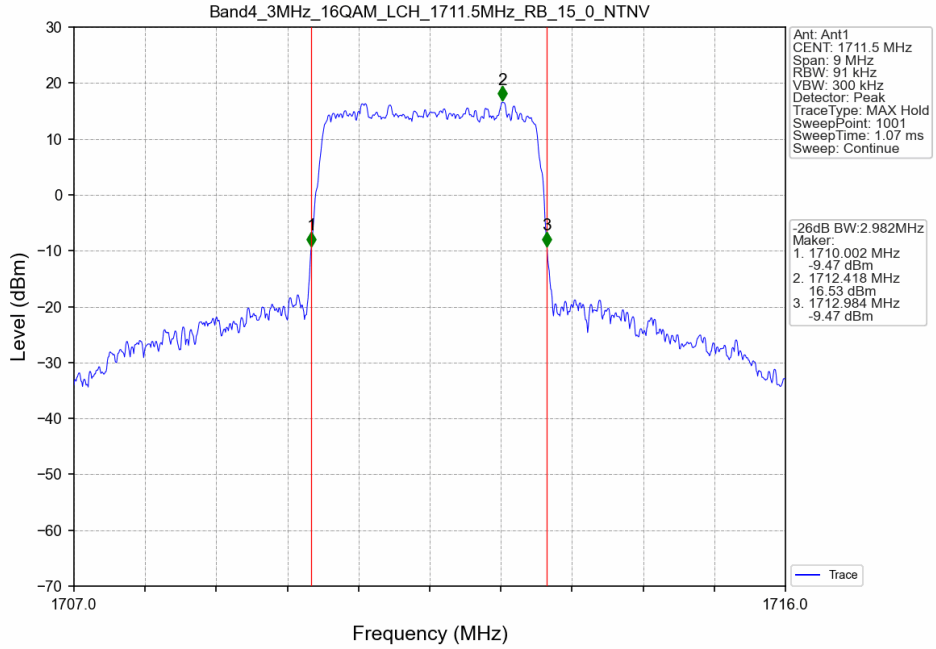
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



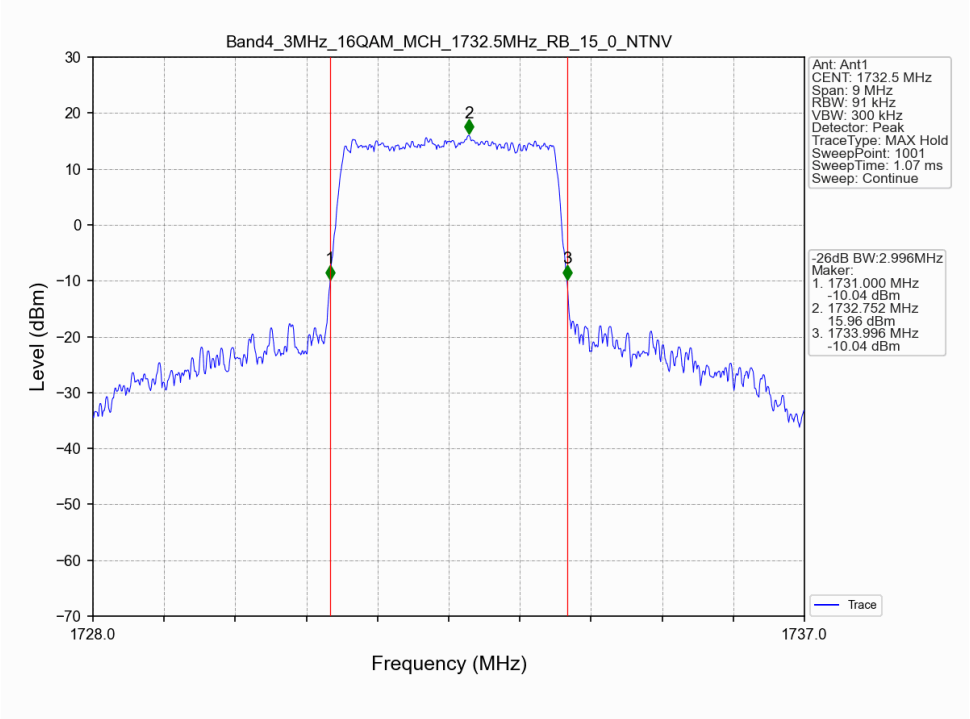
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



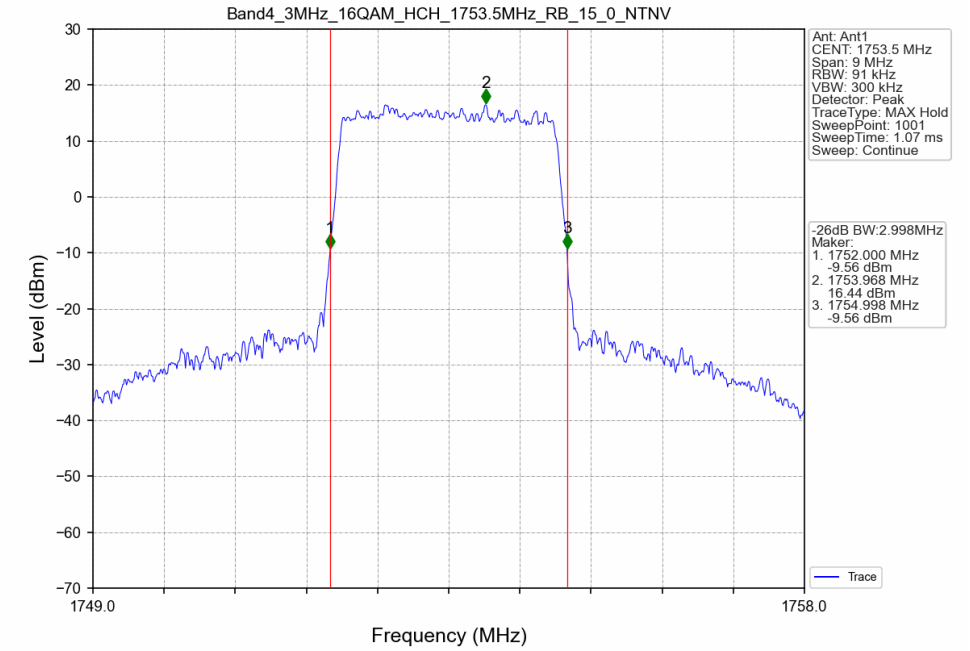
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



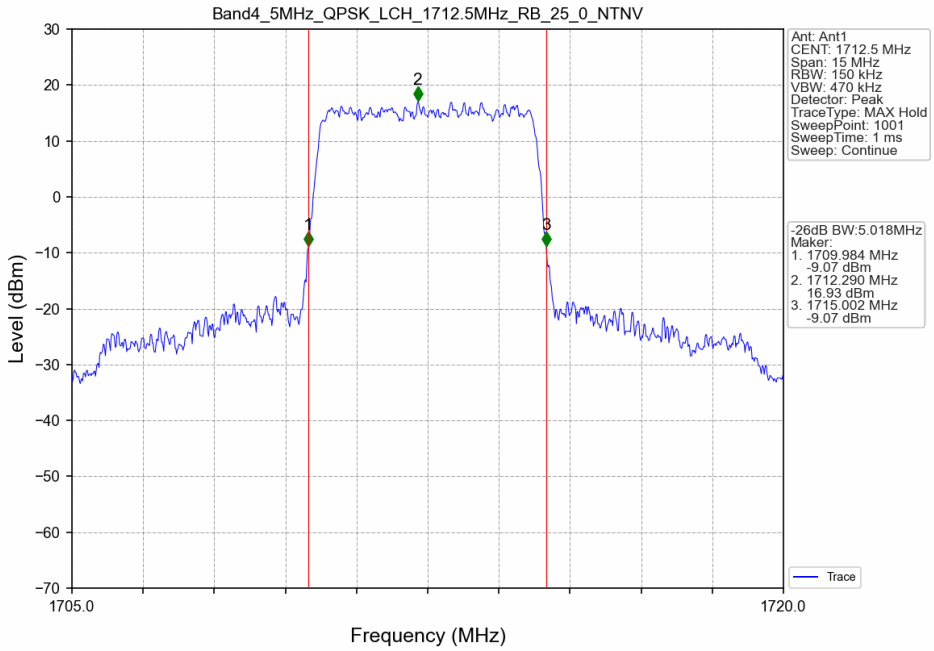
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



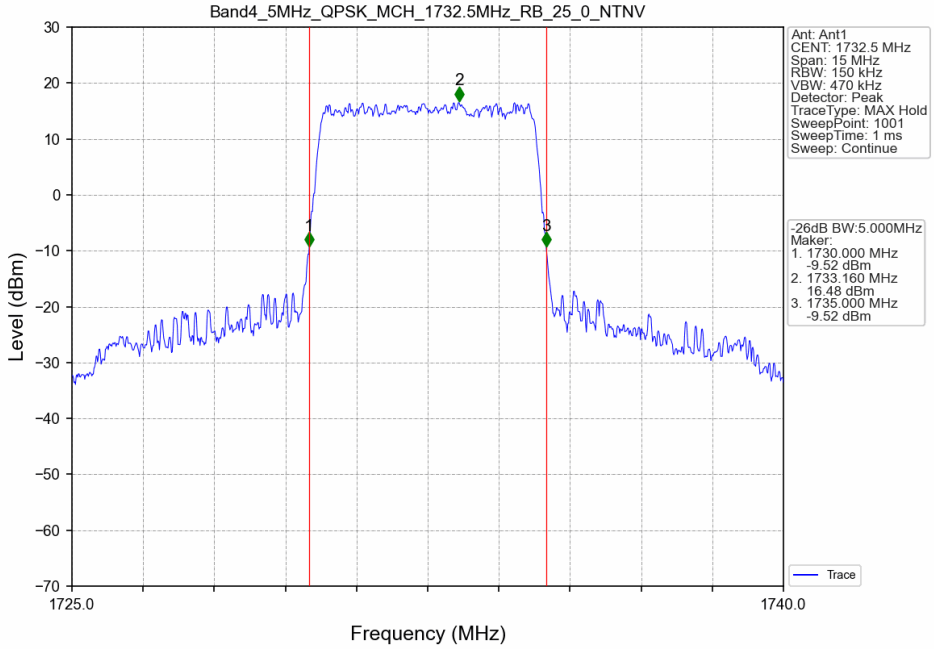
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



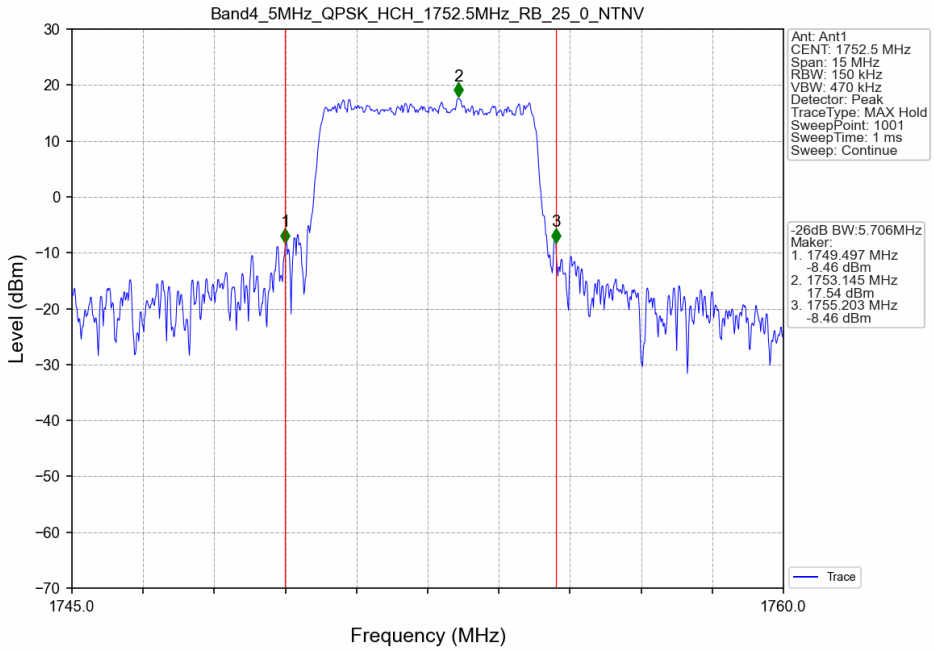
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



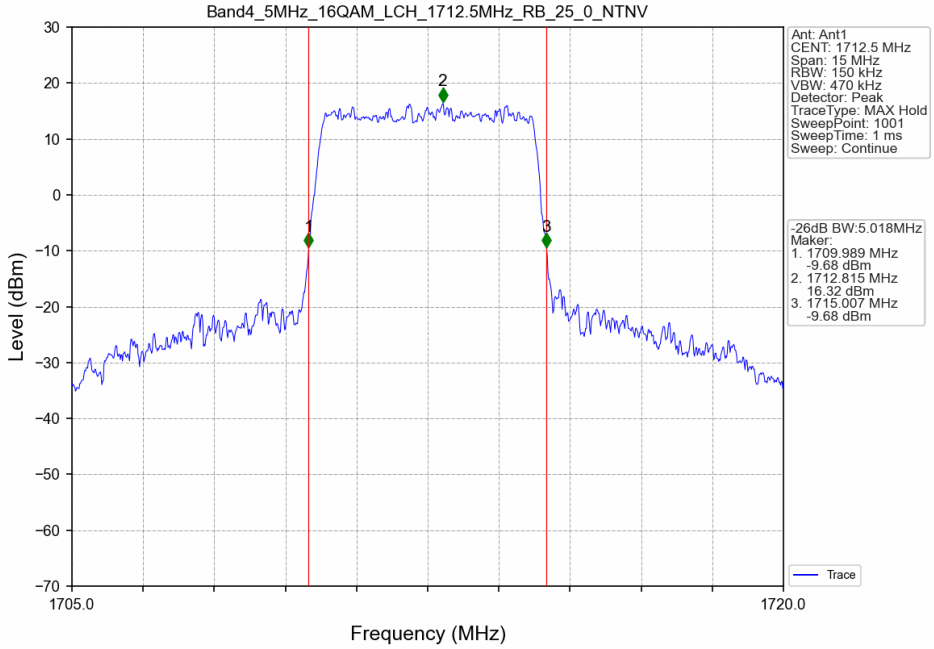
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



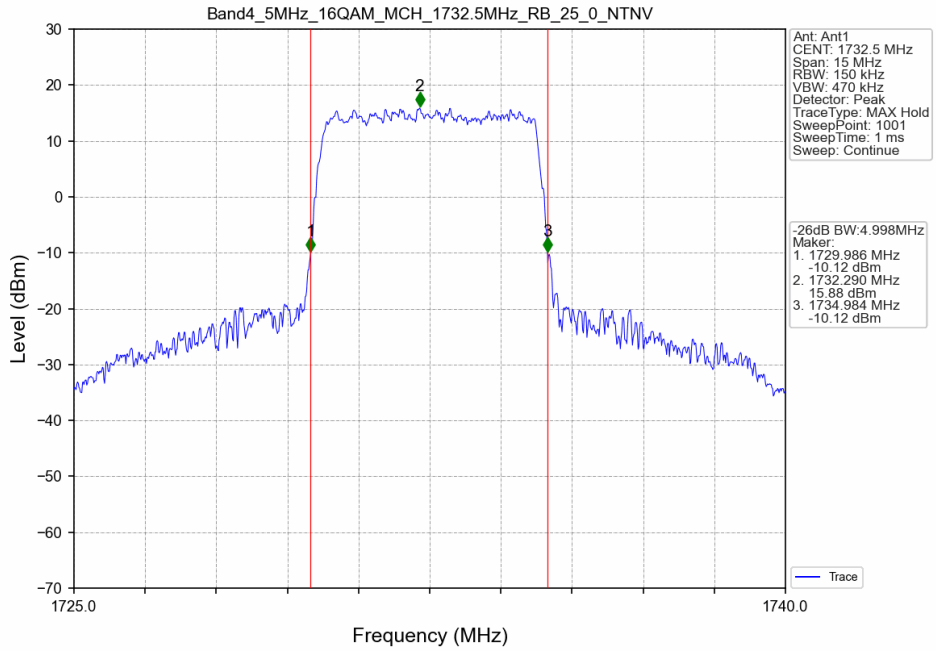
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



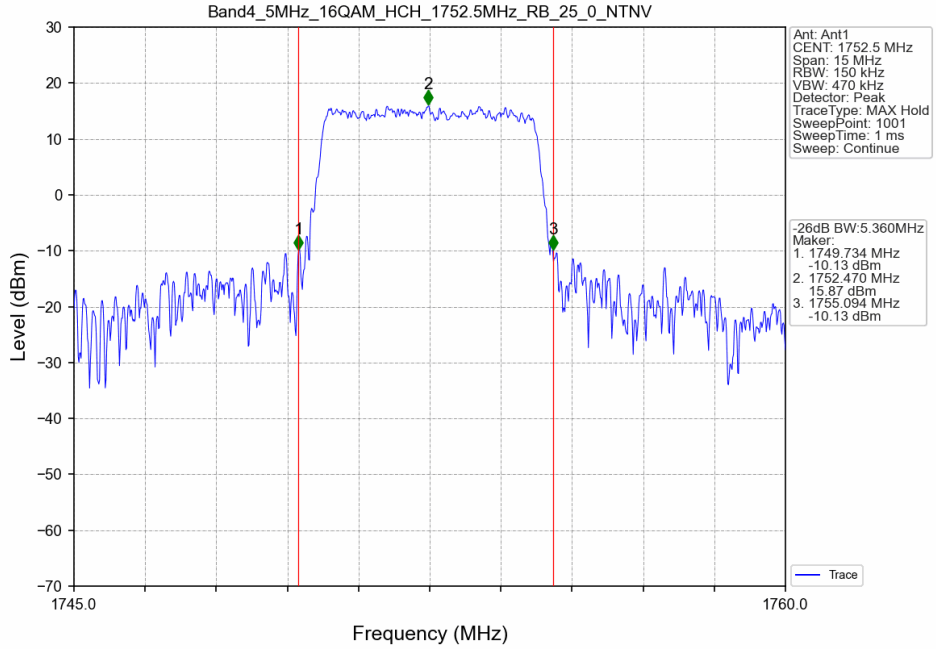
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



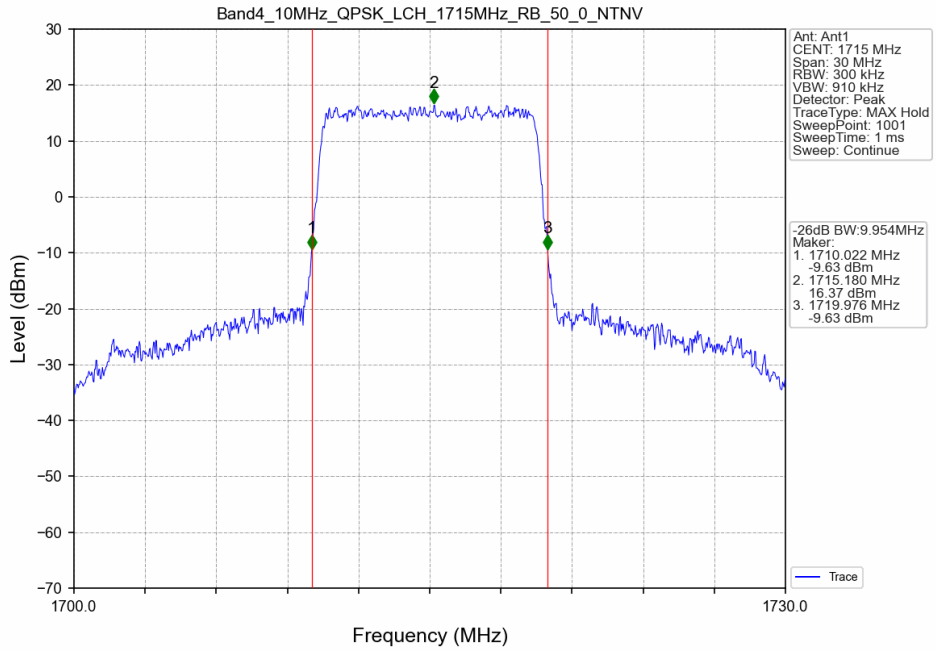
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



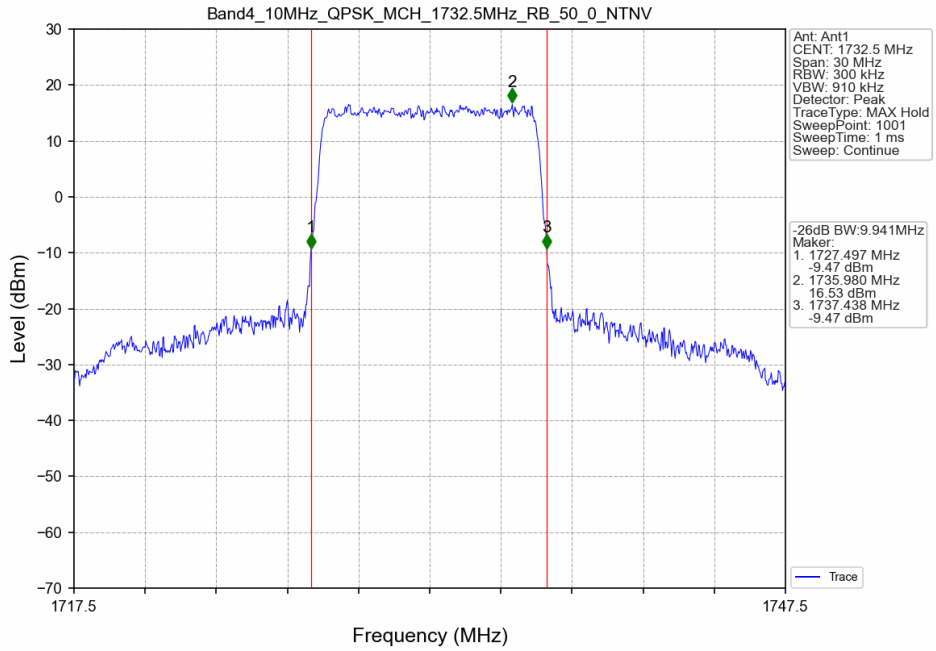
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



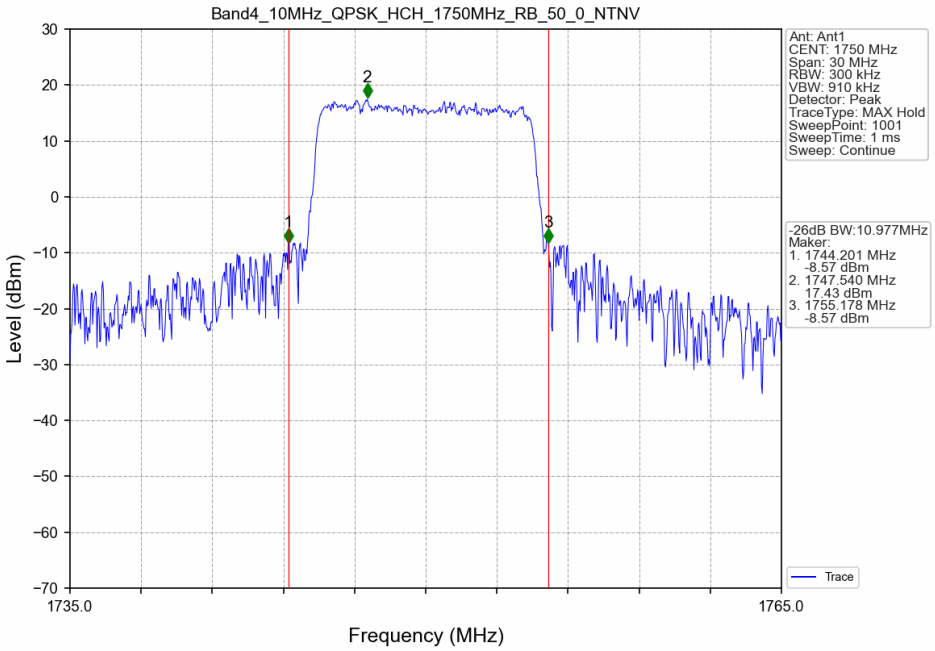
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



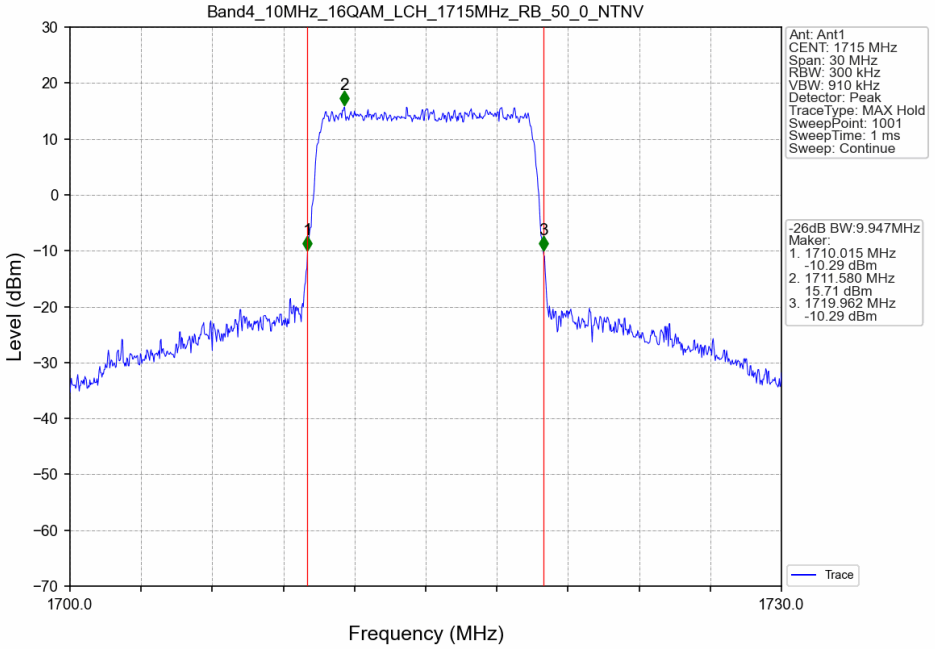
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



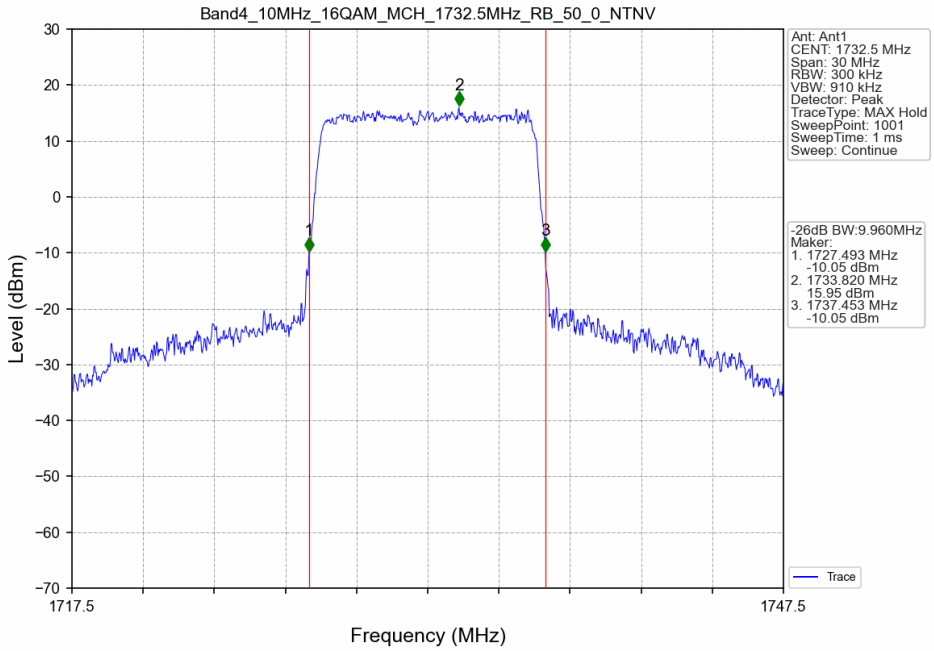
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



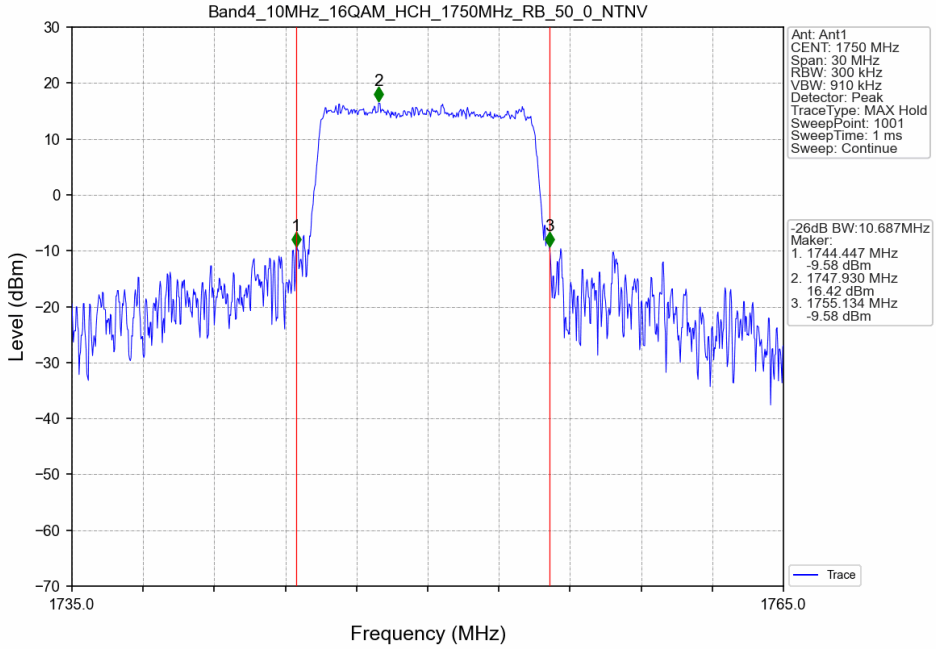
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



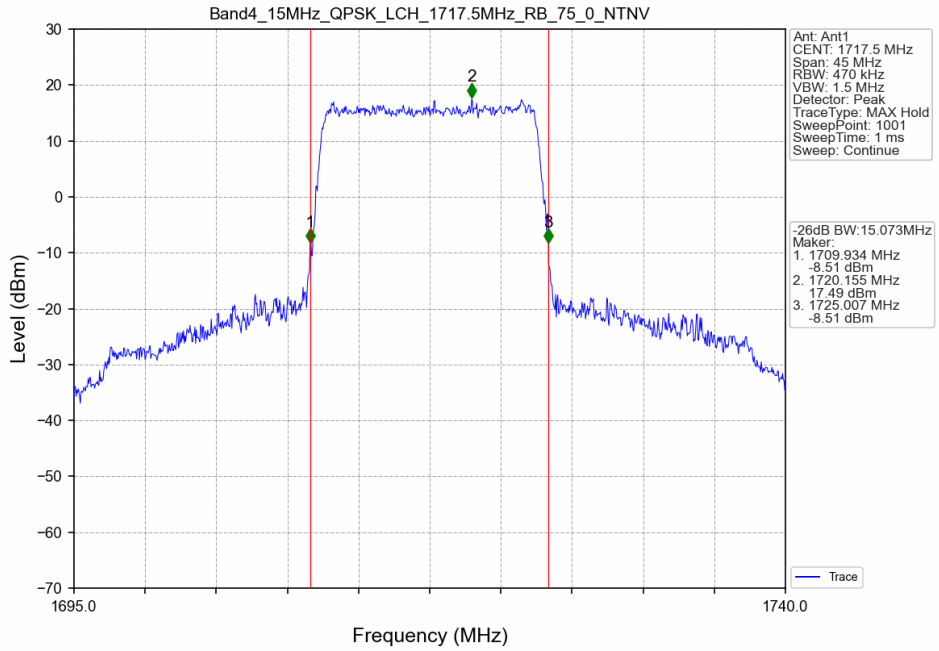
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



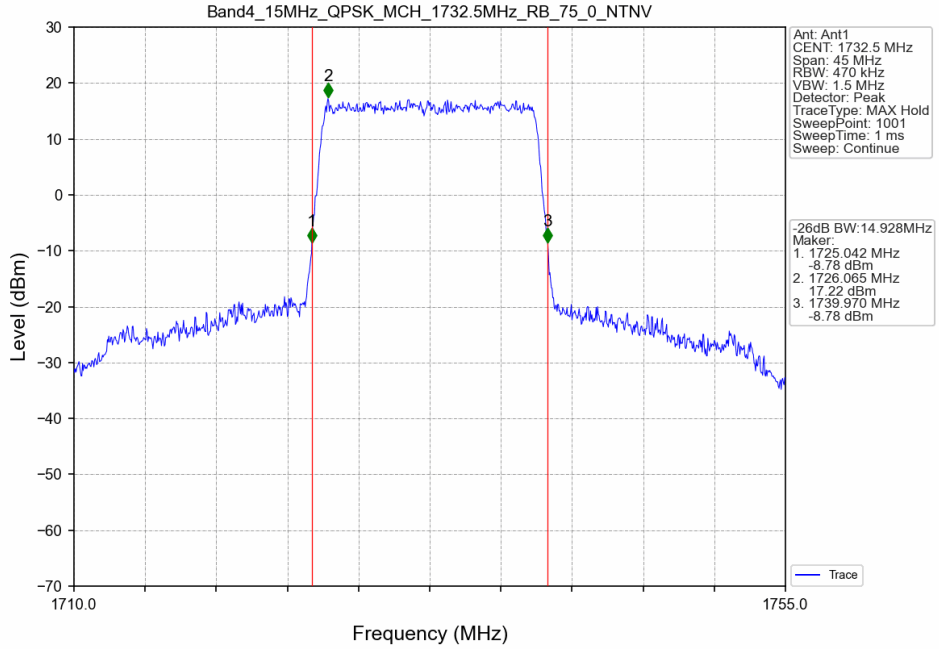
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



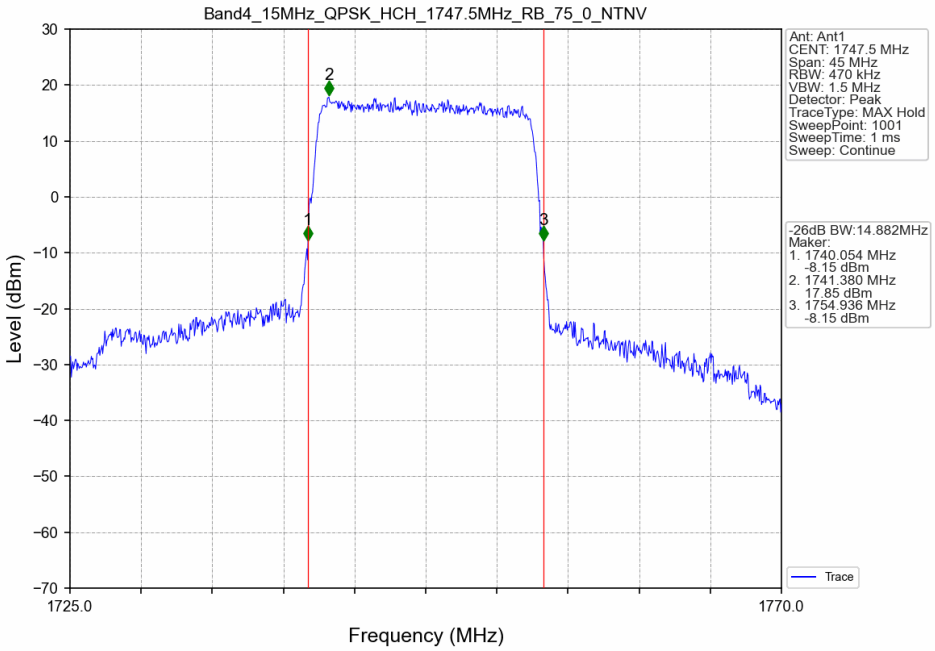
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



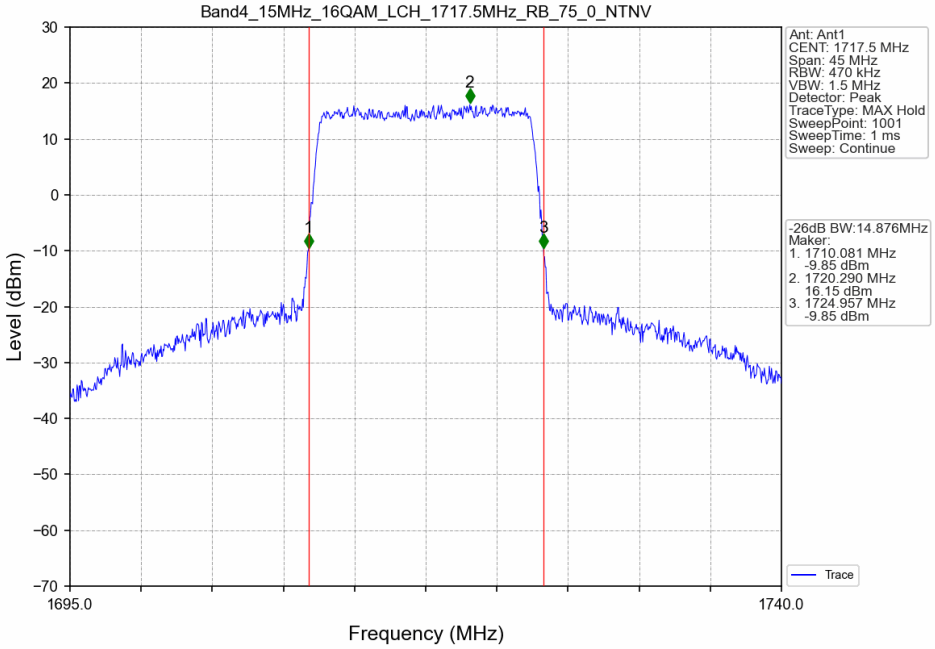
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



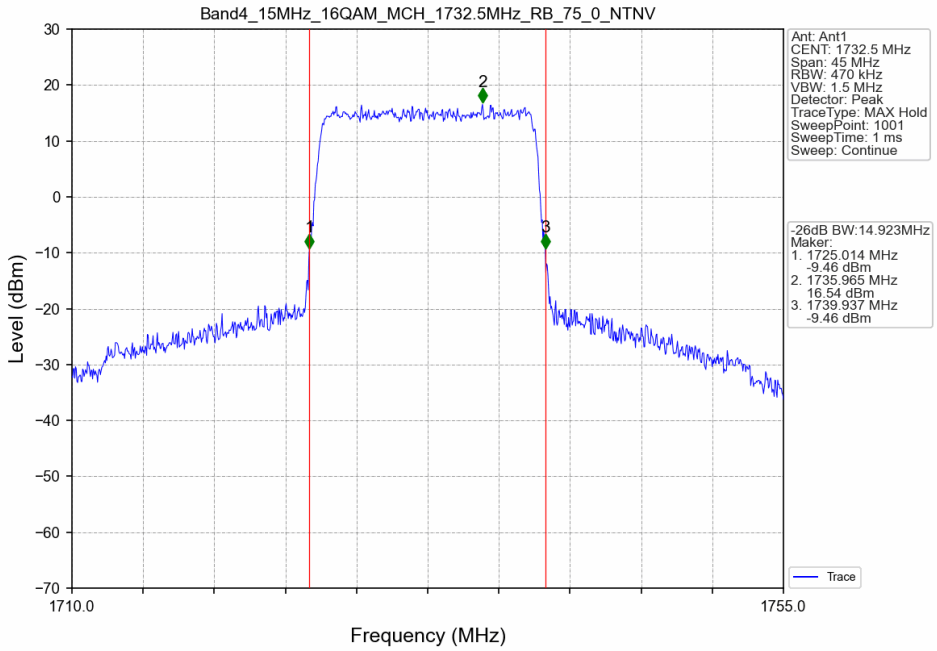
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



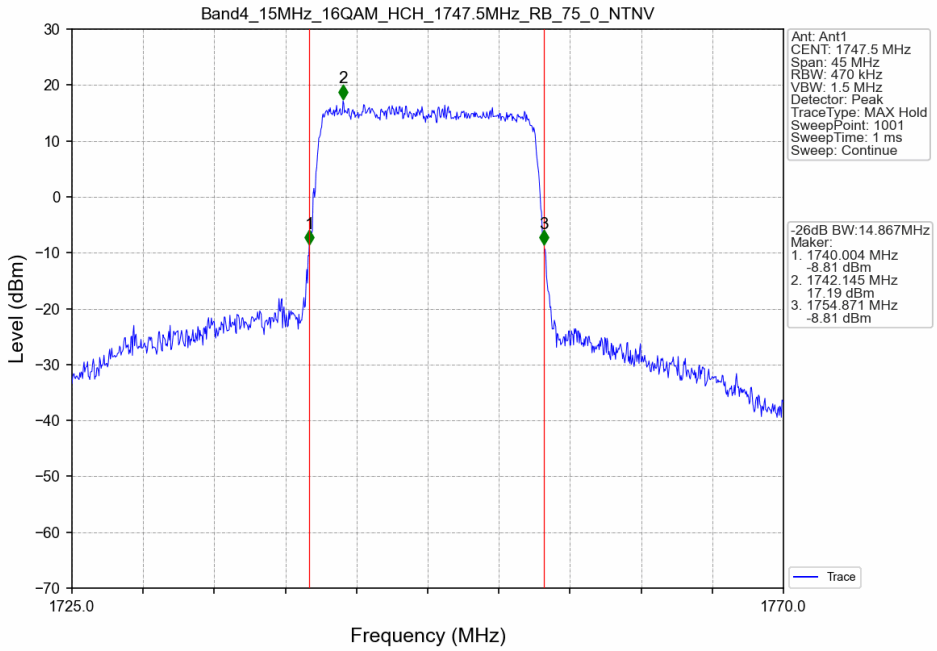
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



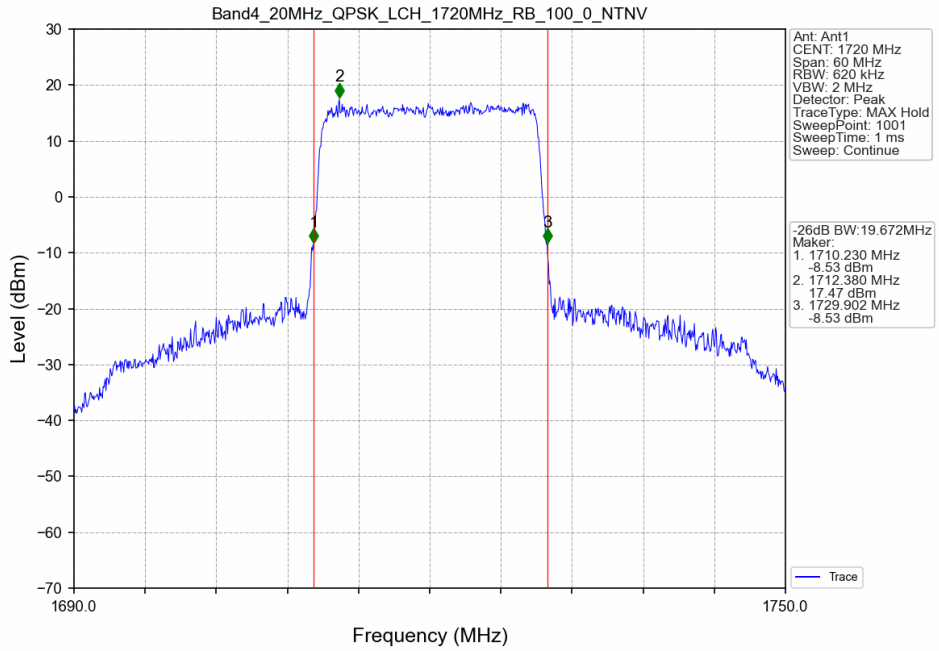
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



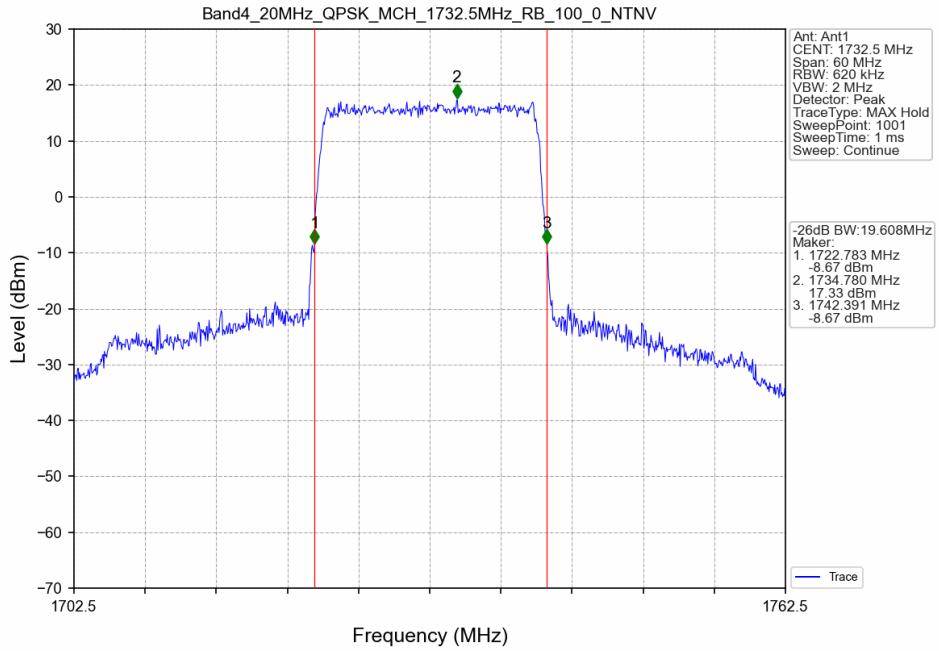
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



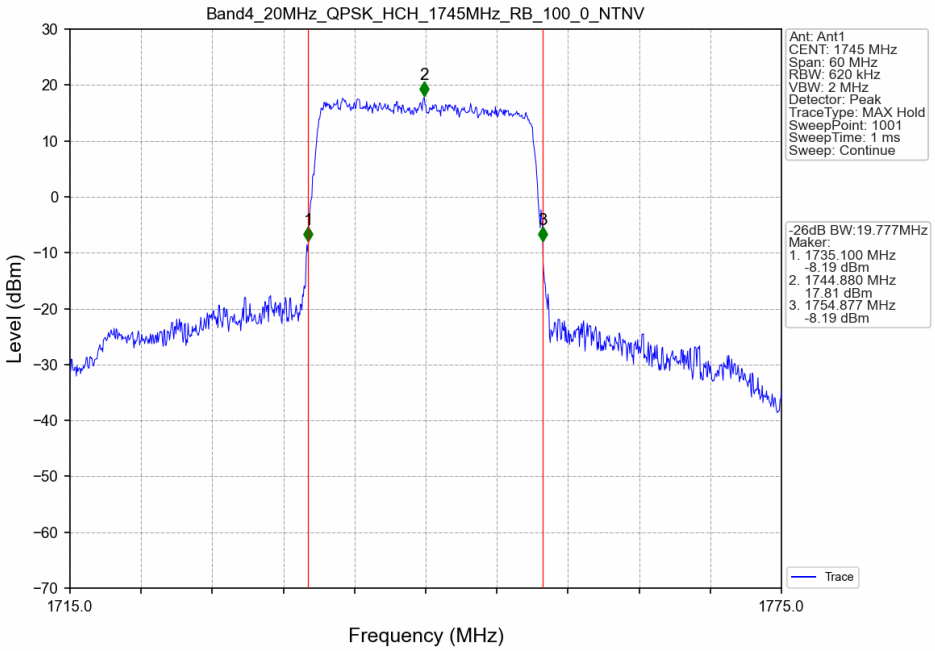
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



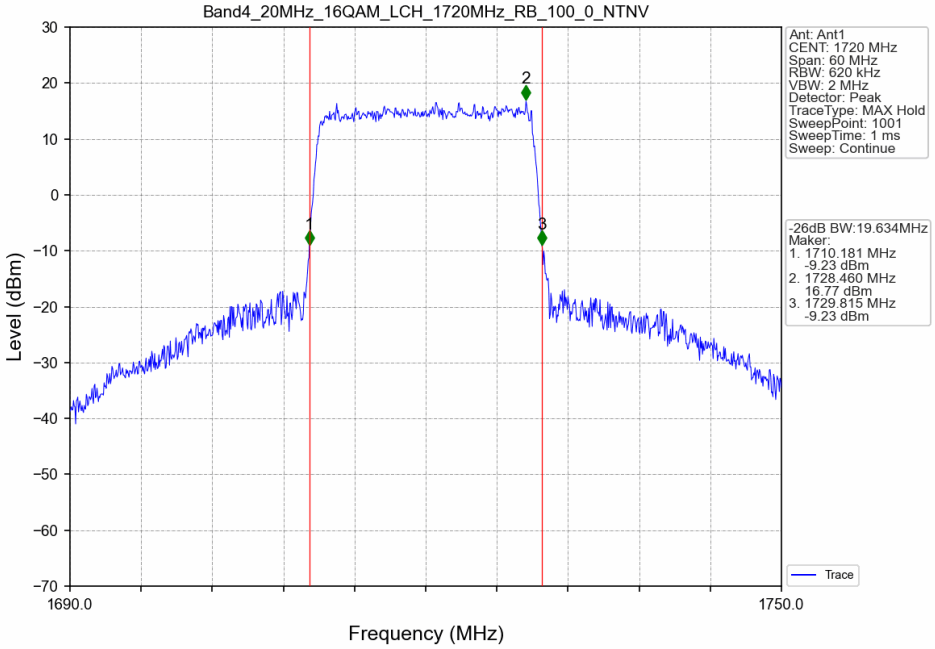
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



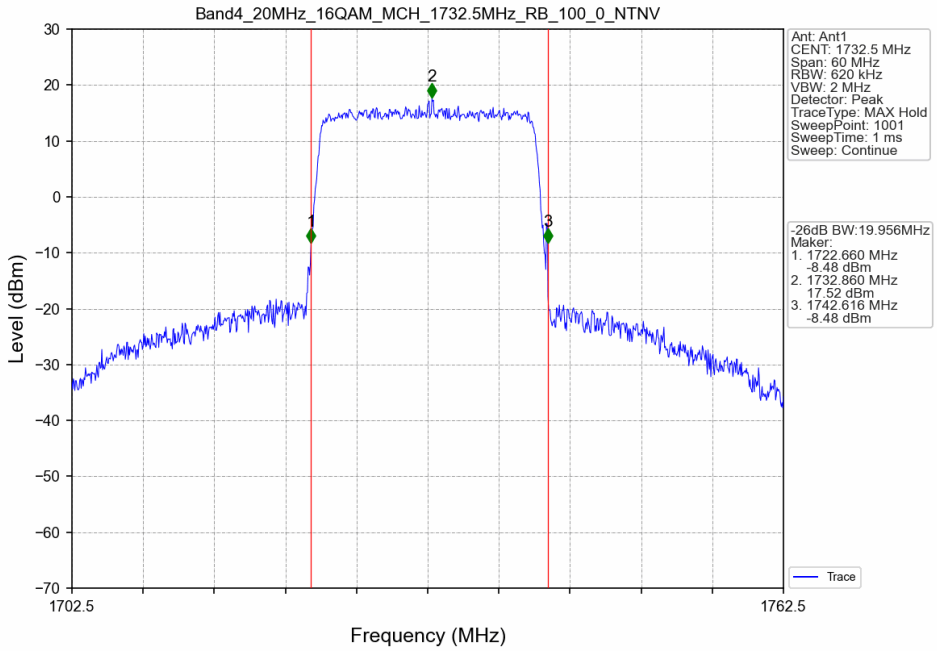
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



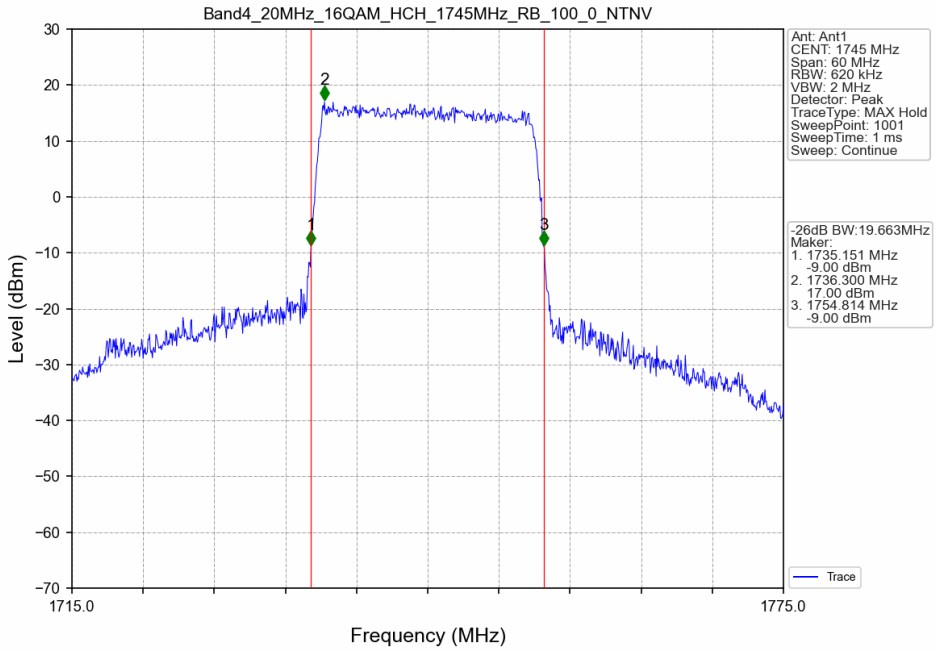
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

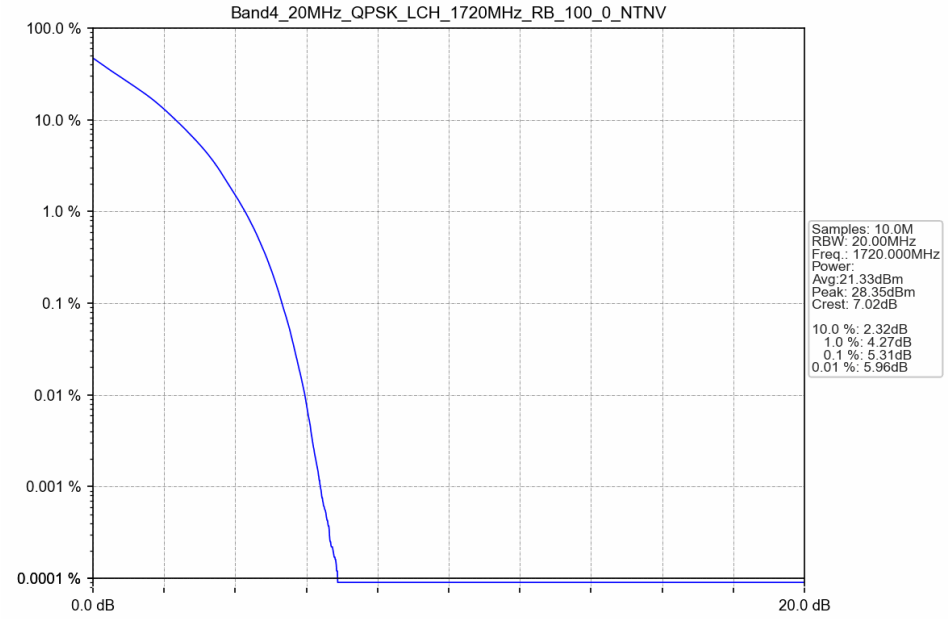
4.1 B4_20MHz

4.1.1 Test Result

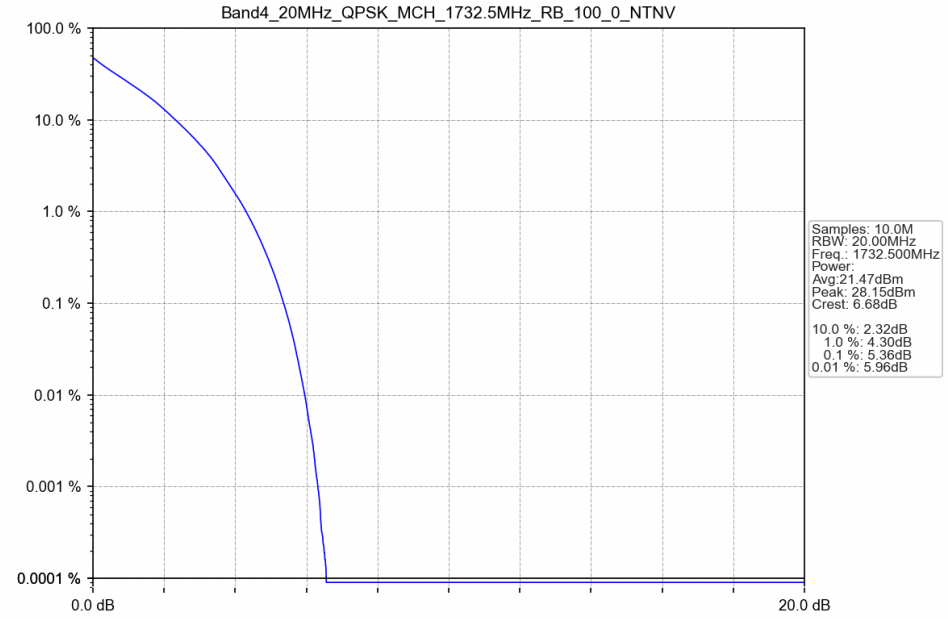
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.31	<=13	Pass
	1732.5	100	0	5.36	<=13	Pass
	1745	100	0	5.45	<=13	Pass
16QAM	1720	100	0	6.07	<=13	Pass
	1732.5	100	0	6.11	<=13	Pass
	1745	100	0	6.16	<=13	Pass

4.1.2 Test Graph

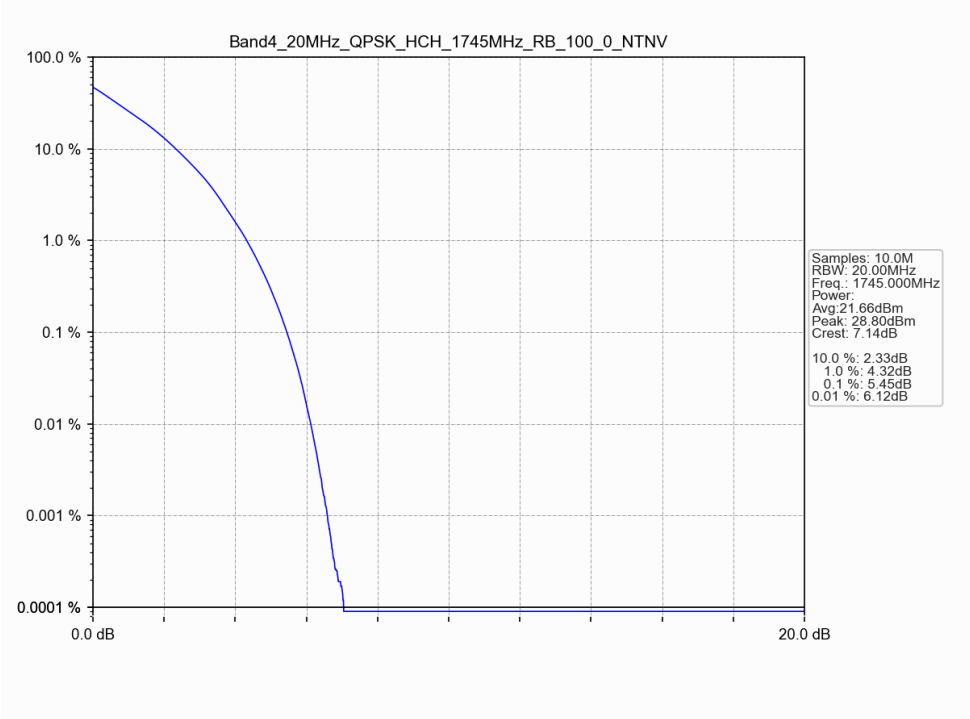
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



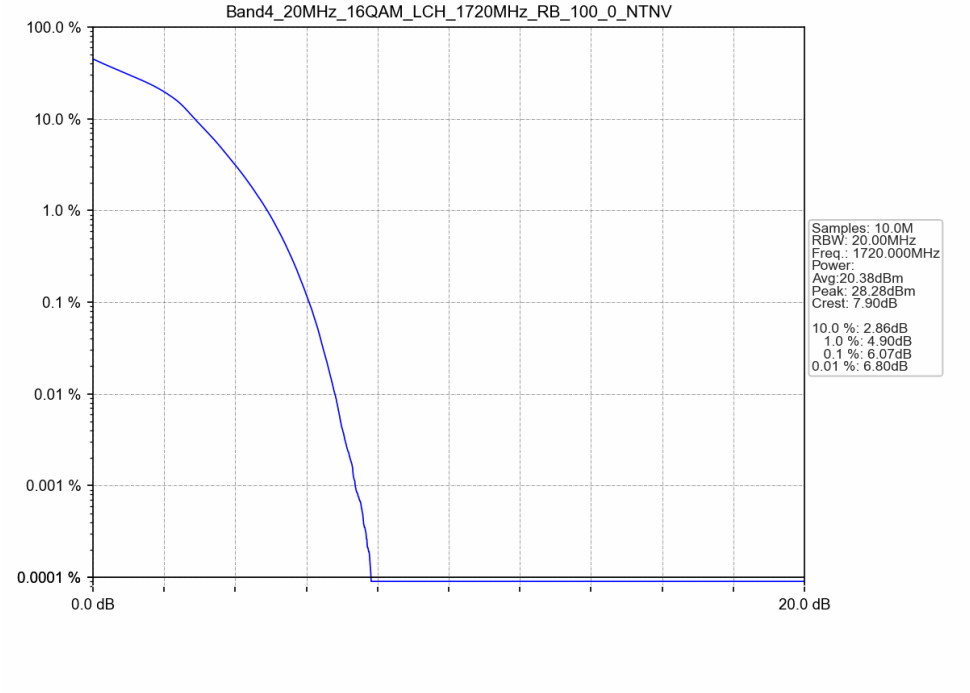
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



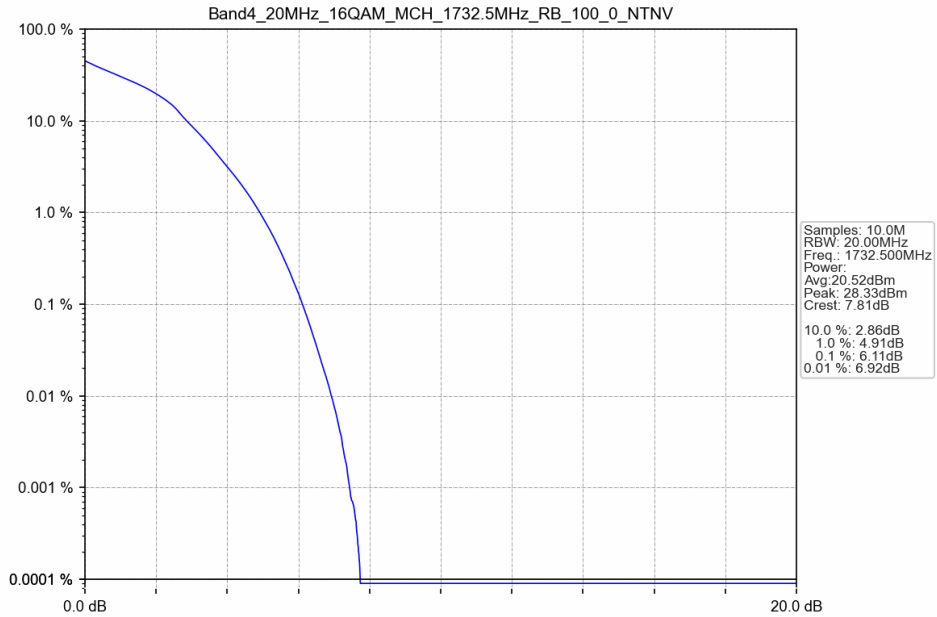
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



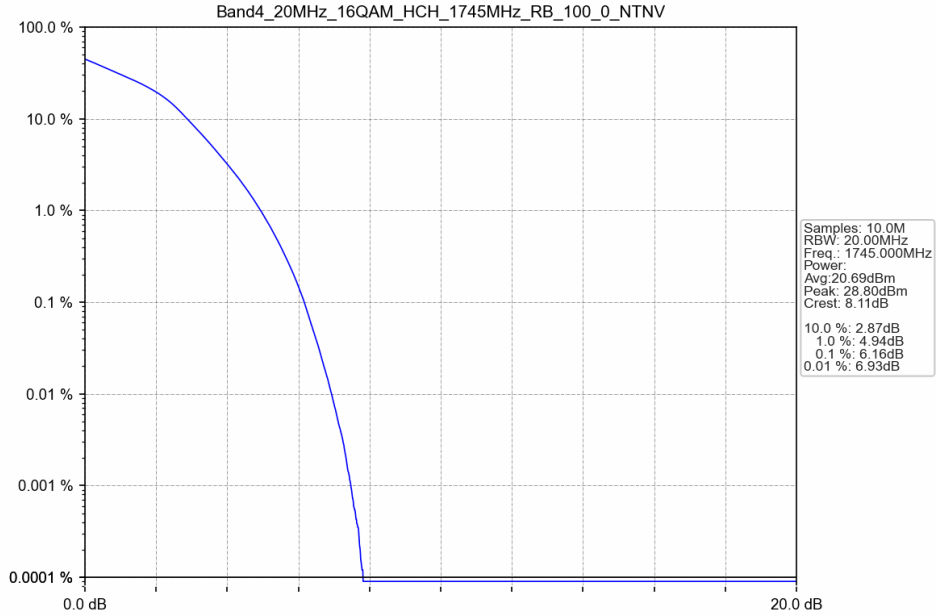
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Spurious Emission

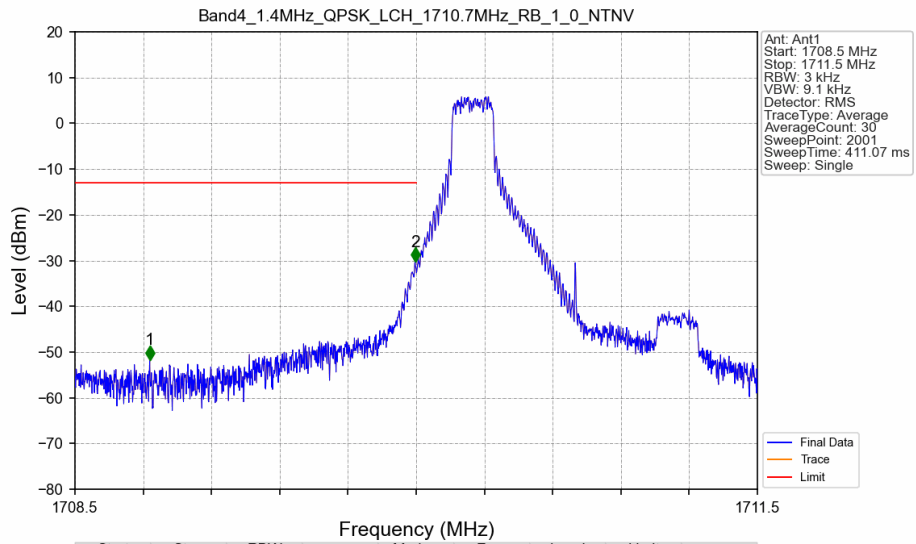
5.1 B4_1.4MHz

5.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

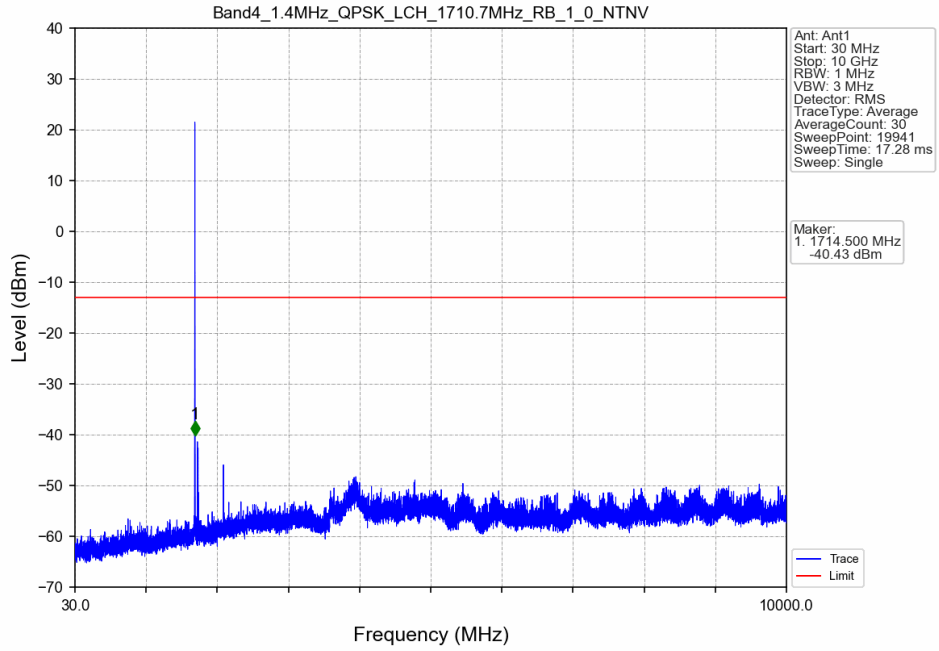
5.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

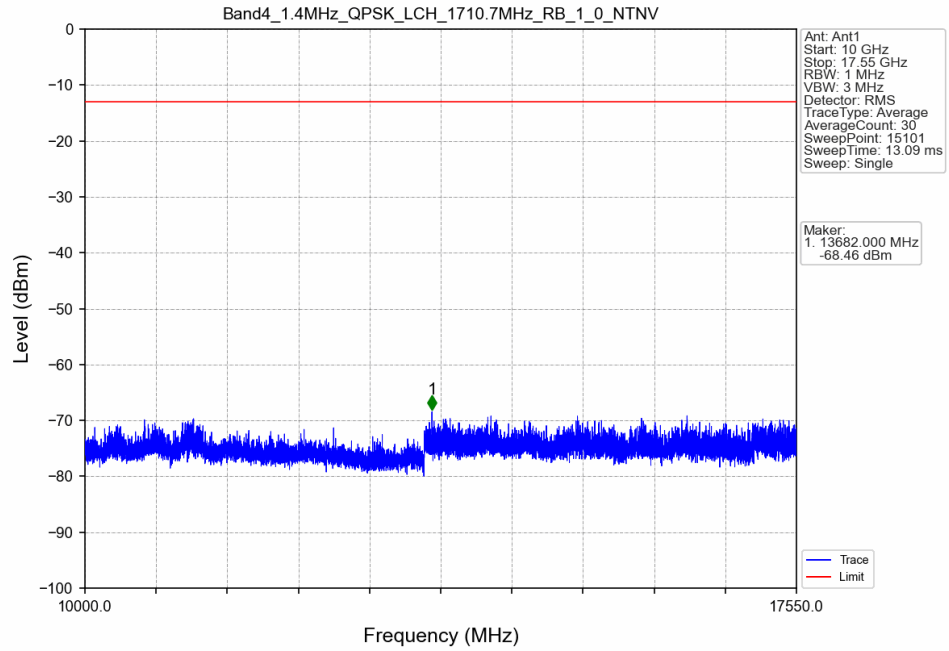


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.829	-51.69	-13	Pass
1709	1710	0.003	/	2	1709.995	-30.25	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

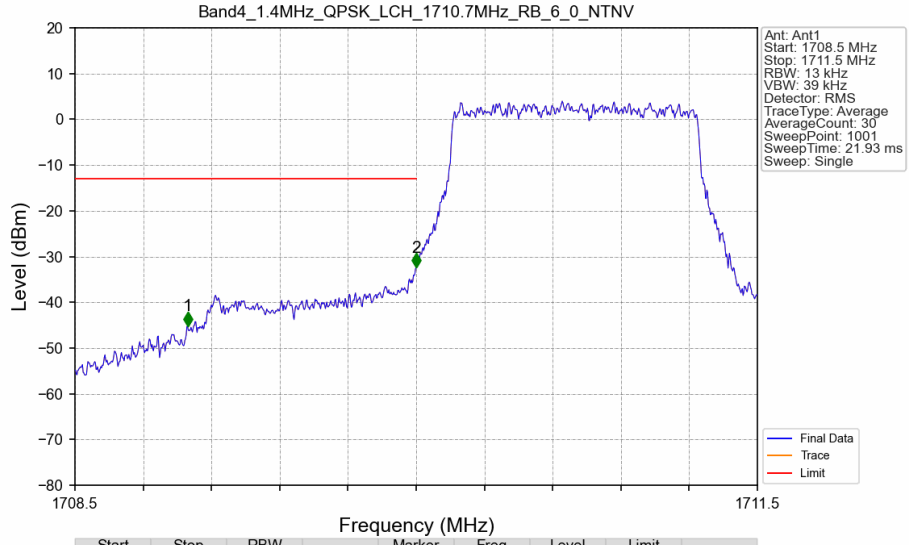
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

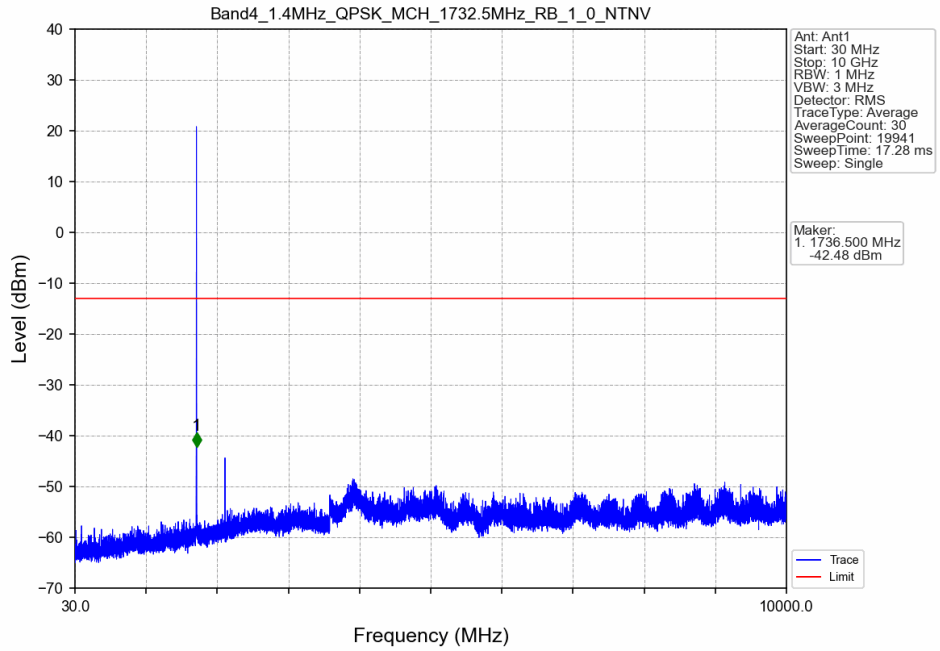
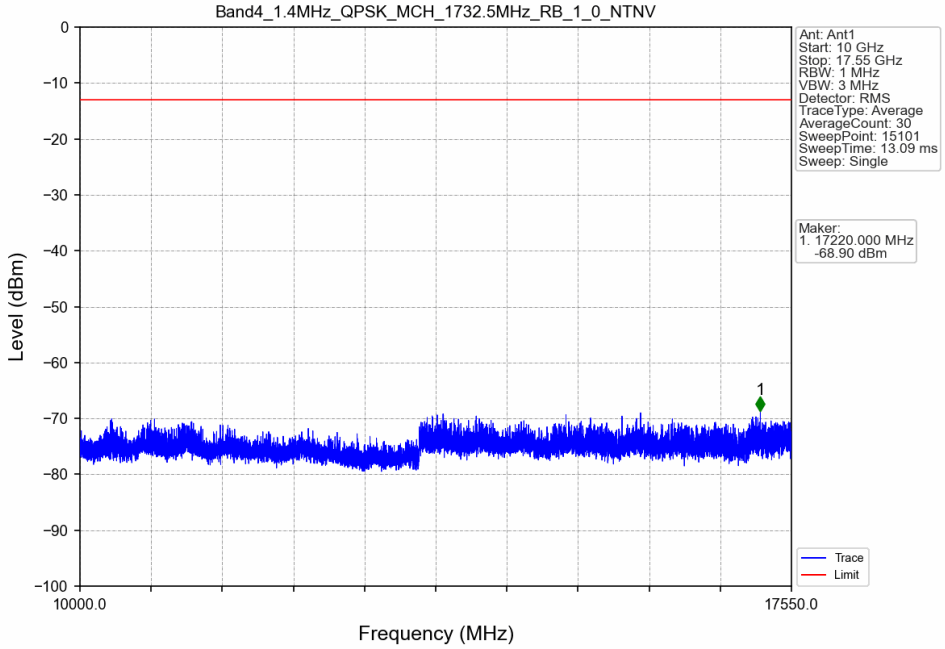


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.995	-45.19	-13	Pass
1709	1710	0.013	/	2	1710.000	-32.36	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV