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	22.57	-1.83	20.74	<=30	Pass
			2	22.63	-1.83	20.80	<=30	Pass
			5	22.60	-1.83	20.77	<=30	Pass
		3	0	22.70	-1.83	20.87	<=30	Pass
			2	22.72	-1.83	20.89	<=30	Pass
			3	22.69	-1.83	20.86	<=30	Pass
		6	0	21.71	-1.83	19.88	<=30	Pass
	1732.5	1	0	22.86	-1.83	21.03	<=30	Pass
			2	22.92	-1.83	21.09	<=30	Pass
			5	22.89	-1.83	21.06	<=30	Pass
		3	0	23.01	-1.83	21.18	<=30	Pass
			2	23.07	-1.83	21.24	<=30	Pass
			3	23.02	-1.83	21.19	<=30	Pass
		6	0	22.06	-1.83	20.23	<=30	Pass
	1754.3	1	0	23.09	-1.83	21.26	<=30	Pass
			2	23.18	-1.83	21.35	<=30	Pass
			5	23.13	-1.83	21.30	<=30	Pass
		3	0	23.17	-1.83	21.34	<=30	Pass
			2	23.19	-1.83	21.36	<=30	Pass
			3	23.20	-1.83	21.37	<=30	Pass
		6	0	22.20	-1.83	20.37	<=30	Pass
16QAM	1710.7	1	0	21.67	-1.83	19.84	<=30	Pass
			2	21.76	-1.83	19.93	<=30	Pass
			5	21.65	-1.83	19.82	<=30	Pass
		3	0	21.63	-1.83	19.80	<=30	Pass
			2	21.63	-1.83	19.80	<=30	Pass
			3	21.64	-1.83	19.81	<=30	Pass
		6	0	20.76	-1.83	18.93	<=30	Pass
	1732.5	1	0	21.84	-1.83	20.01	<=30	Pass
			2	21.90	-1.83	20.07	<=30	Pass
			5	21.85	-1.83	20.02	<=30	Pass
		3	0	22.21	-1.83	20.38	<=30	Pass
			2	22.26	-1.83	20.43	<=30	Pass
			3	22.22	-1.83	20.39	<=30	Pass
		6	0	21.11	-1.83	19.28	<=30	Pass
	1754.3	1	0	22.05	-1.83	20.22	<=30	Pass
			2	22.11	-1.83	20.28	<=30	Pass
			5	22.08	-1.83	20.25	<=30	Pass
		3	0	22.21	-1.83	20.38	<=30	Pass
			2	22.23	-1.83	20.40	<=30	Pass
			3	22.23	-1.83	20.40	<=30	Pass
		6	0	21.16	-1.83	19.33	<=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	22.48	-1.83	20.65	<=30	Pass
			7	22.61	-1.83	20.78	<=30	Pass
			14	22.50	-1.83	20.67	<=30	Pass
		8	0	21.66	-1.83	19.83	<=30	Pass
			4	21.69	-1.83	19.86	<=30	Pass
			7	21.62	-1.83	19.79	<=30	Pass
		15	0	21.59	-1.83	19.76	<=30	Pass
	1732.5	1	0	22.72	-1.83	20.89	<=30	Pass
			7	22.86	-1.83	21.03	<=30	Pass
			14	22.73	-1.83	20.90	<=30	Pass
		8	0	21.98	-1.83	20.15	<=30	Pass
			4	22.00	-1.83	20.17	<=30	Pass
			7	21.97	-1.83	20.14	<=30	Pass
		15	0	21.94	-1.83	20.11	<=30	Pass
	1753.5	1	0	22.87	-1.83	21.04	<=30	Pass
			7	23.02	-1.83	21.19	<=30	Pass
			14	22.92	-1.83	21.09	<=30	Pass
		8	0	22.14	-1.83	20.31	<=30	Pass
			4	22.19	-1.83	20.36	<=30	Pass
			7	22.12	-1.83	20.29	<=30	Pass
		15	0	22.14	-1.83	20.31	<=30	Pass
16QAM	1711.5	1	0	21.41	-1.83	19.58	<=30	Pass
			7	21.55	-1.83	19.72	<=30	Pass
			14	21.46	-1.83	19.63	<=30	Pass
		8	0	20.71	-1.83	18.88	<=30	Pass
			4	20.76	-1.83	18.93	<=30	Pass
			7	20.64	-1.83	18.81	<=30	Pass
		15	0	20.66	-1.83	18.83	<=30	Pass
	1732.5	1	0	21.88	-1.83	20.05	<=30	Pass
			7	22.03	-1.83	20.20	<=30	Pass
			14	21.90	-1.83	20.07	<=30	Pass
		8	0	20.94	-1.83	19.11	<=30	Pass
			4	21.02	-1.83	19.19	<=30	Pass
			7	20.93	-1.83	19.10	<=30	Pass
		15	0	20.91	-1.83	19.08	<=30	Pass
	1753.5	1	0	22.36	-1.83	20.53	<=30	Pass
			7	22.53	-1.83	20.70	<=30	Pass
			14	22.34	-1.83	20.51	<=30	Pass
		8	0	21.30	-1.83	19.47	<=30	Pass
			4	21.36	-1.83	19.53	<=30	Pass
			7	21.31	-1.83	19.48	<=30	Pass
		15	0	21.20	-1.83	19.37	<=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	22.71	-1.83	20.88	<=30	Pass
			13	22.88	-1.83	21.05	<=30	Pass
			24	22.76	-1.83	20.93	<=30	Pass
		12	0	21.71	-1.83	19.88	<=30	Pass
			6	21.75	-1.83	19.92	<=30	Pass
			13	21.70	-1.83	19.87	<=30	Pass
		25	0	21.70	-1.83	19.87	<=30	Pass
	1732.5	1	0	22.98	-1.83	21.15	<=30	Pass
			13	23.13	-1.83	21.30	<=30	Pass
			24	23.04	-1.83	21.21	<=30	Pass
		12	0	21.95	-1.83	20.12	<=30	Pass
			6	22.05	-1.83	20.22	<=30	Pass
			13	22.04	-1.83	20.21	<=30	Pass
		25	0	22.06	-1.83	20.23	<=30	Pass
	1752.5	1	0	23.13	-1.83	21.30	<=30	Pass
			13	23.28	-1.83	21.45	<=30	Pass
			24	23.17	-1.83	21.34	<=30	Pass
		12	0	22.15	-1.83	20.32	<=30	Pass
			6	22.23	-1.83	20.40	<=30	Pass
			13	22.20	-1.83	20.37	<=30	Pass
		25	0	22.20	-1.83	20.37	<=30	Pass
16QAM	1712.5	1	0	21.72	-1.83	19.89	<=30	Pass
			13	21.90	-1.83	20.07	<=30	Pass
			24	21.78	-1.83	19.95	<=30	Pass
		12	0	20.66	-1.83	18.83	<=30	Pass
			6	20.72	-1.83	18.89	<=30	Pass
			13	20.74	-1.83	18.91	<=30	Pass
		25	0	20.80	-1.83	18.97	<=30	Pass
	1732.5	1	0	22.29	-1.83	20.46	<=30	Pass
			13	22.37	-1.83	20.54	<=30	Pass
			24	22.26	-1.83	20.43	<=30	Pass
		12	0	20.99	-1.83	19.16	<=30	Pass
			6	21.14	-1.83	19.31	<=30	Pass
			13	21.11	-1.83	19.28	<=30	Pass
		25	0	21.11	-1.83	19.28	<=30	Pass
	1752.5	1	0	21.97	-1.83	20.14	<=30	Pass
			13	22.08	-1.83	20.25	<=30	Pass
			24	22.04	-1.83	20.21	<=30	Pass
		12	0	21.21	-1.83	19.38	<=30	Pass
			6	21.29	-1.83	19.46	<=30	Pass
			13	21.27	-1.83	19.44	<=30	Pass
		25	0	21.26	-1.83	19.43	<=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	22.81	-1.83	20.98	<=30	Pass
			25	22.93	-1.83	21.10	<=30	Pass

			49	22.99	-1.83	21.16	<=30	Pass
		25	0	21.75	-1.83	19.92	<=30	Pass
			13	21.82	-1.83	19.99	<=30	Pass
			25	21.83	-1.83	20.00	<=30	Pass
		50	0	21.84	-1.83	20.01	<=30	Pass
	1732.5	1	0	23.05	-1.83	21.22	<=30	Pass
			25	23.09	-1.83	21.26	<=30	Pass
			49	23.08	-1.83	21.25	<=30	Pass
		25	0	21.95	-1.83	20.12	<=30	Pass
			13	22.09	-1.83	20.26	<=30	Pass
			25	22.10	-1.83	20.27	<=30	Pass
		50	0	22.07	-1.83	20.24	<=30	Pass
	1750	1	0	23.16	-1.83	21.33	<=30	Pass
			25	23.25	-1.83	21.42	<=30	Pass
			49	23.27	-1.83	21.44	<=30	Pass
		25	0	22.14	-1.83	20.31	<=30	Pass
			13	22.24	-1.83	20.41	<=30	Pass
			25	22.23	-1.83	20.40	<=30	Pass
		50	0	22.21	-1.83	20.38	<=30	Pass
16QAM	1715	1	0	21.73	-1.83	19.90	<=30	Pass
			25	21.86	-1.83	20.03	<=30	Pass
			49	21.94	-1.83	20.11	<=30	Pass
		25	0	20.86	-1.83	19.03	<=30	Pass
			13	20.94	-1.83	19.11	<=30	Pass
			25	20.99	-1.83	19.16	<=30	Pass
		50	0	20.87	-1.83	19.04	<=30	Pass
	1732.5	1	0	22.23	-1.83	20.40	<=30	Pass
			25	22.27	-1.83	20.44	<=30	Pass
			49	22.27	-1.83	20.44	<=30	Pass
		25	0	21.03	-1.83	19.20	<=30	Pass
			13	21.17	-1.83	19.34	<=30	Pass
			25	21.19	-1.83	19.36	<=30	Pass
		50	0	21.13	-1.83	19.30	<=30	Pass
	1750	1	0	22.63	-1.83	20.80	<=30	Pass
			25	22.72	-1.83	20.89	<=30	Pass
			49	22.69	-1.83	20.86	<=30	Pass
		25	0	21.25	-1.83	19.42	<=30	Pass
			13	21.32	-1.83	19.49	<=30	Pass
			25	21.32	-1.83	19.49	<=30	Pass
		50	0	21.26	-1.83	19.43	<=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	22.77	-1.83	20.94	<=30	Pass
			38	22.94	-1.83	21.11	<=30	Pass
			74	22.98	-1.83	21.15	<=30	Pass
		36	0	21.87	-1.83	20.04	<=30	Pass
			18	21.95	-1.83	20.12	<=30	Pass
			39	22.01	-1.83	20.18	<=30	Pass

		75	0	21.97	-1.83	20.14	<=30	Pass
	1732.5	1	0	22.96	-1.83	21.13	<=30	Pass
			38	23.14	-1.83	21.31	<=30	Pass
			74	23.12	-1.83	21.29	<=30	Pass
		36	0	21.96	-1.83	20.13	<=30	Pass
			18	22.15	-1.83	20.32	<=30	Pass
			39	22.15	-1.83	20.32	<=30	Pass
		75	0	22.14	-1.83	20.31	<=30	Pass
	1747.5	1	0	23.10	-1.83	21.27	<=30	Pass
			38	23.26	-1.83	21.43	<=30	Pass
			74	23.22	-1.83	21.39	<=30	Pass
		36	0	22.19	-1.83	20.36	<=30	Pass
			18	22.27	-1.83	20.44	<=30	Pass
			39	22.22	-1.83	20.39	<=30	Pass
		75	0	22.25	-1.83	20.42	<=30	Pass
16QAM	1717.5	1	0	22.00	-1.83	20.17	<=30	Pass
			38	22.26	-1.83	20.43	<=30	Pass
			74	22.32	-1.83	20.49	<=30	Pass
		36	0	20.82	-1.83	18.99	<=30	Pass
			18	20.90	-1.83	19.07	<=30	Pass
			39	21.00	-1.83	19.17	<=30	Pass
		75	0	20.96	-1.83	19.13	<=30	Pass
	1732.5	1	0	22.13	-1.83	20.30	<=30	Pass
			38	22.28	-1.83	20.45	<=30	Pass
			74	22.24	-1.83	20.41	<=30	Pass
		36	0	20.99	-1.83	19.16	<=30	Pass
			18	21.14	-1.83	19.31	<=30	Pass
			39	21.16	-1.83	19.33	<=30	Pass
		75	0	21.10	-1.83	19.27	<=30	Pass
	1747.5	1	0	22.59	-1.83	20.76	<=30	Pass
			38	22.73	-1.83	20.90	<=30	Pass
			74	22.68	-1.83	20.85	<=30	Pass
		36	0	21.24	-1.83	19.41	<=30	Pass
			18	21.27	-1.83	19.44	<=30	Pass
			39	21.26	-1.83	19.43	<=30	Pass
		75	0	21.26	-1.83	19.43	<=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	22.65	-1.83	20.82	<=30	Pass
			50	22.98	-1.83	21.15	<=30	Pass
			99	22.98	-1.83	21.15	<=30	Pass
		50	0	21.90	-1.83	20.07	<=30	Pass
			25	22.02	-1.83	20.19	<=30	Pass
			50	22.19	-1.83	20.36	<=30	Pass
		100	0	21.97	-1.83	20.14	<=30	Pass
	1732.5	1	0	22.89	-1.83	21.06	<=30	Pass
			50	23.14	-1.83	21.31	<=30	Pass
			99	23.15	-1.83	21.32	<=30	Pass

		50	0	21.90	-1.83	20.07	<=30	Pass
			25	22.13	-1.83	20.30	<=30	Pass
			50	22.09	-1.83	20.26	<=30	Pass
		100	0	22.00	-1.83	20.17	<=30	Pass
	1745	1	0	22.94	-1.83	21.11	<=30	Pass
			50	23.25	-1.83	21.42	<=30	Pass
			99	23.21	-1.83	21.38	<=30	Pass
		50	0	22.19	-1.83	20.36	<=30	Pass
			25	22.24	-1.83	20.41	<=30	Pass
			50	22.18	-1.83	20.35	<=30	Pass
		100	0	22.21	-1.83	20.38	<=30	Pass
16QAM	1720	1	0	22.11	-1.83	20.28	<=30	Pass
			50	22.46	-1.83	20.63	<=30	Pass
			99	22.47	-1.83	20.64	<=30	Pass
		50	0	20.90	-1.83	19.07	<=30	Pass
			25	21.02	-1.83	19.19	<=30	Pass
			50	21.19	-1.83	19.36	<=30	Pass
		100	0	21.03	-1.83	19.20	<=30	Pass
	1732.5	1	0	22.05	-1.83	20.22	<=30	Pass
			50	22.33	-1.83	20.50	<=30	Pass
			99	22.29	-1.83	20.46	<=30	Pass
		50	0	20.94	-1.83	19.11	<=30	Pass
			25	21.18	-1.83	19.35	<=30	Pass
			50	21.13	-1.83	19.30	<=30	Pass
		100	0	21.03	-1.83	19.20	<=30	Pass
	1745	1	0	22.20	-1.83	20.37	<=30	Pass
			50	22.51	-1.83	20.68	<=30	Pass
			99	22.43	-1.83	20.60	<=30	Pass
		50	0	21.26	-1.83	19.43	<=30	Pass
			25	21.27	-1.83	19.44	<=30	Pass
			50	21.22	-1.83	19.39	<=30	Pass
		100	0	21.23	-1.83	19.40	<=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	3.27	-1.116	-0.0007	-2.5 to 2.5	Pass
					3.85	7.610	0.0044	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-9.799	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	4.249	0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.277	0.0025	-2.5 to 2.5	Pass
				0	3.85	4.077	0.0024	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				30	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				40	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0004	-2.5 to 2.5	Pass

	1732.5	6	0	20	3.27	6.065	0.0035	-2.5 to 2.5	Pass
					3.85	2.174	0.0013	-2.5 to 2.5	Pass
					4.43	-0.372	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	6.108	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	5.307	0.0031	-2.5 to 2.5	Pass
				0	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				50	3.85	3.476	0.0020	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	2.232	0.0013	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
					4.43	2.561	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				30	3.85	8.111	0.0046	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	4.735	0.0028	-2.5 to 2.5	Pass
					4.43	9.112	0.0053	-2.5 to 2.5	Pass
				-30	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	6.609	0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-7.825	-0.0045	-2.5 to 2.5	Pass
					3.85	5.221	0.0030	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-43.159	-0.0249	-2.5 to 2.5	Pass
				-10	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.544	0.0003	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-1.044	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0038	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.090	0.0018	-2.5 to 2.5	Pass
				40	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-2.5 to 2.5	Pass

2.2 B4_3MHz

2.2.1 Test Result

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	11.058	0.0065	-2.5 to 2.5	Pass
					3.85	-9.871	-0.0058	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-9.270	-0.0054	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0019	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	8.912	0.0051	-2.5 to 2.5	Pass
					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-11.172	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				0	3.85	3.576	0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				30	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-10.171	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				50	3.85	1.917	0.0011	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-10.343	-0.0060	-2.5 to 2.5	Pass
					3.85	3.877	0.0023	-2.5 to 2.5	Pass
					4.43	1.001	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass

				-10	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				10	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				40	3.85	4.606	0.0027	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0003	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
					4.43	3.805	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.233	-0.0018	-2.5 to 2.5	Pass

2.3 B4_5MHz

2.3.1 Test Result

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	5.078	0.0030	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
					4.43	1.831	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-7.668	-0.0045	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				50	3.85	1.831	0.0011	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	5.150	0.0030	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	4.578	0.0026	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				0	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0006	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	4.191	0.0024	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
					4.43	1.187	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass

				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.332	-0.0013	-2.5 to 2.5	Pass
					3.85	2.418	0.0014	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.817	-0.0010	-2.5 to 2.5	Pass
					3.85	-11.759	-0.0067	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				30	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass

2.4 B4_10MHz

2.4.1 Test Result

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	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	3.562	0.0021	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass

	1732.5	50	0	20	3.27	1.073	0.0006	-2.5 to 2.5	Pass
					3.85	1.731	0.0010	-2.5 to 2.5	Pass
					4.43	2.732	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.502	-0.0009	-2.5 to 2.5	Pass
					3.85	1.187	0.0007	-2.5 to 2.5	Pass
					4.43	0.272	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-2.546	-0.0015	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass

2.5 B4_15MHz

2.5.1 Test Result

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	-2.375	-0.0014	-2.5 to 2.5	Pass
					3.85	0.830	0.0005	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				0	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.488	-0.0009	-2.5 to 2.5	Pass
					3.85	4.964	0.0029	-2.5 to 2.5	Pass
					4.43	1.216	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				0	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				10	3.85	11.401	0.0066	-2.5 to 2.5	Pass
				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	1.516	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.85	7.253	0.0042	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.473	0.0009	-2.5 to 2.5	Pass
					3.85	1.788	0.0010	-2.5 to 2.5	Pass
					4.43	1.659	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	3.319	0.0019	-2.5 to 2.5	Pass
				-30	3.85	10.872	0.0063	-2.5 to 2.5	Pass
				-20	3.85	2.060	0.0012	-2.5 to 2.5	Pass

				-10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.358	0.0002	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	2.732	0.0016	-2.5 to 2.5	Pass
					3.85	3.605	0.0021	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-2.5 to 2.5	Pass

2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-5.894	-0.0034	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				10	3.85	3.262	0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
				50	3.85	1.287	0.0007	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	-4.148	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.509	0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				30	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				40	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.851	-0.0034	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.85	3.247	0.0019	-2.5 to 2.5	Pass

				30	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				40	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0001	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.001	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.774	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass

3. Modulation Characteristics

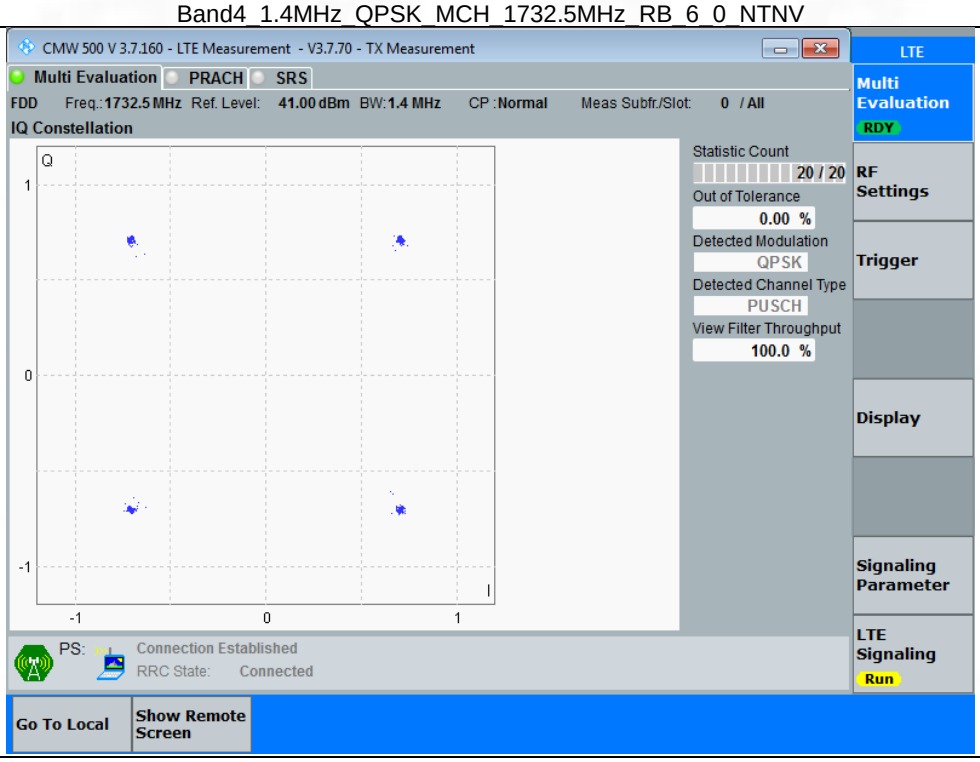
3.1 B4_1.4MHz

3.1.1 Test Result

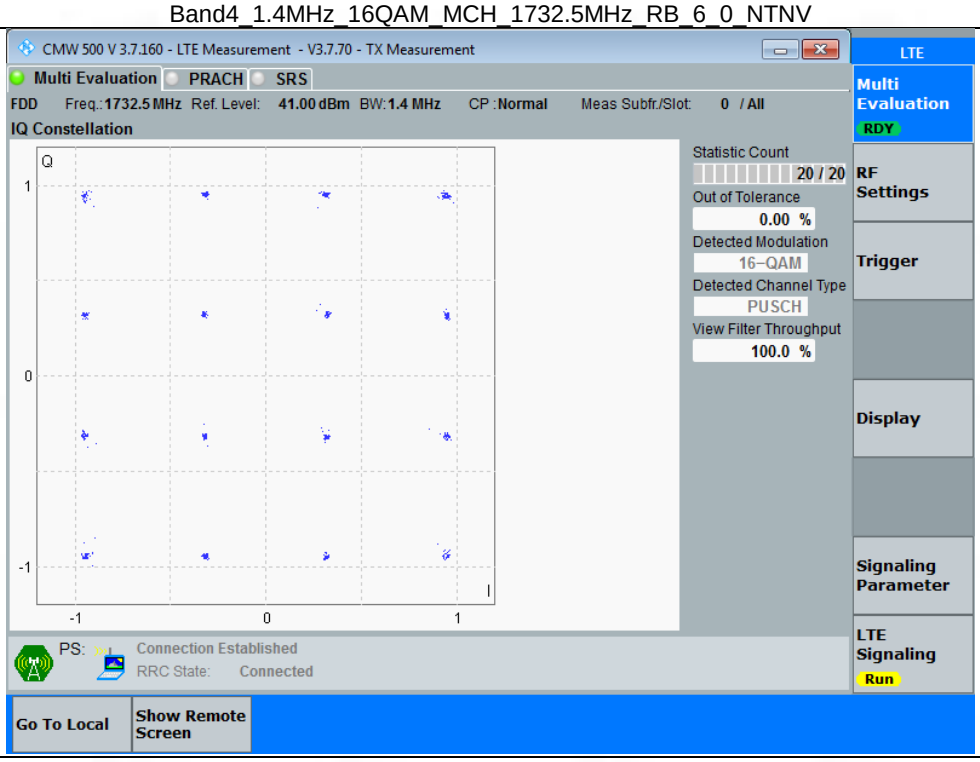
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



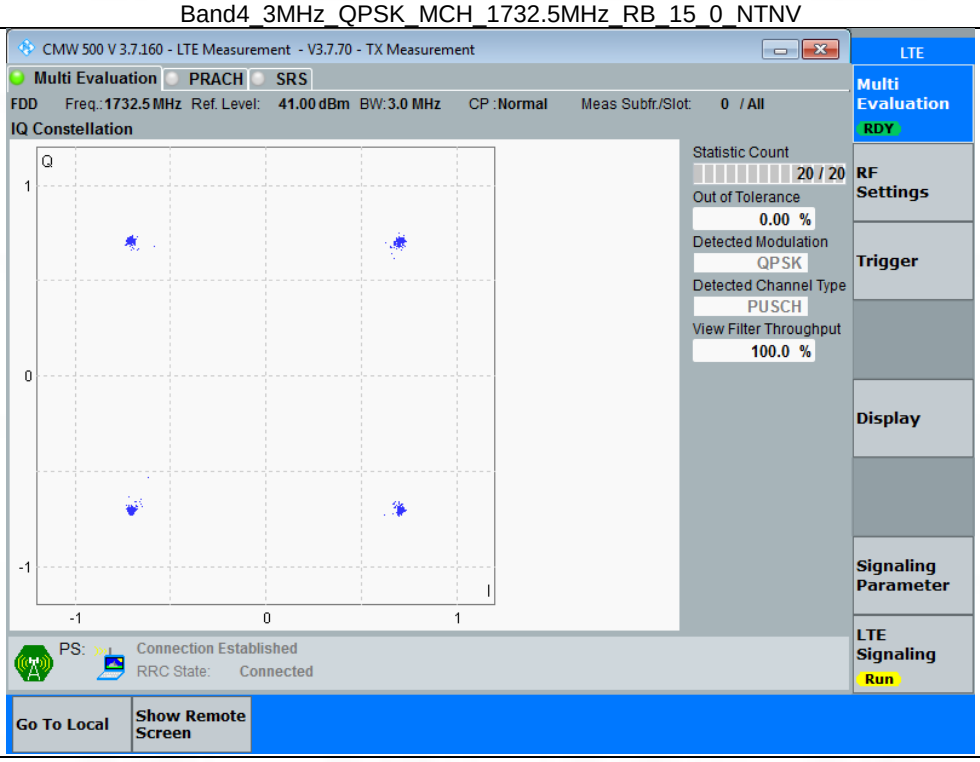
3.2 B4_3MHz

3.2.1 Test Result

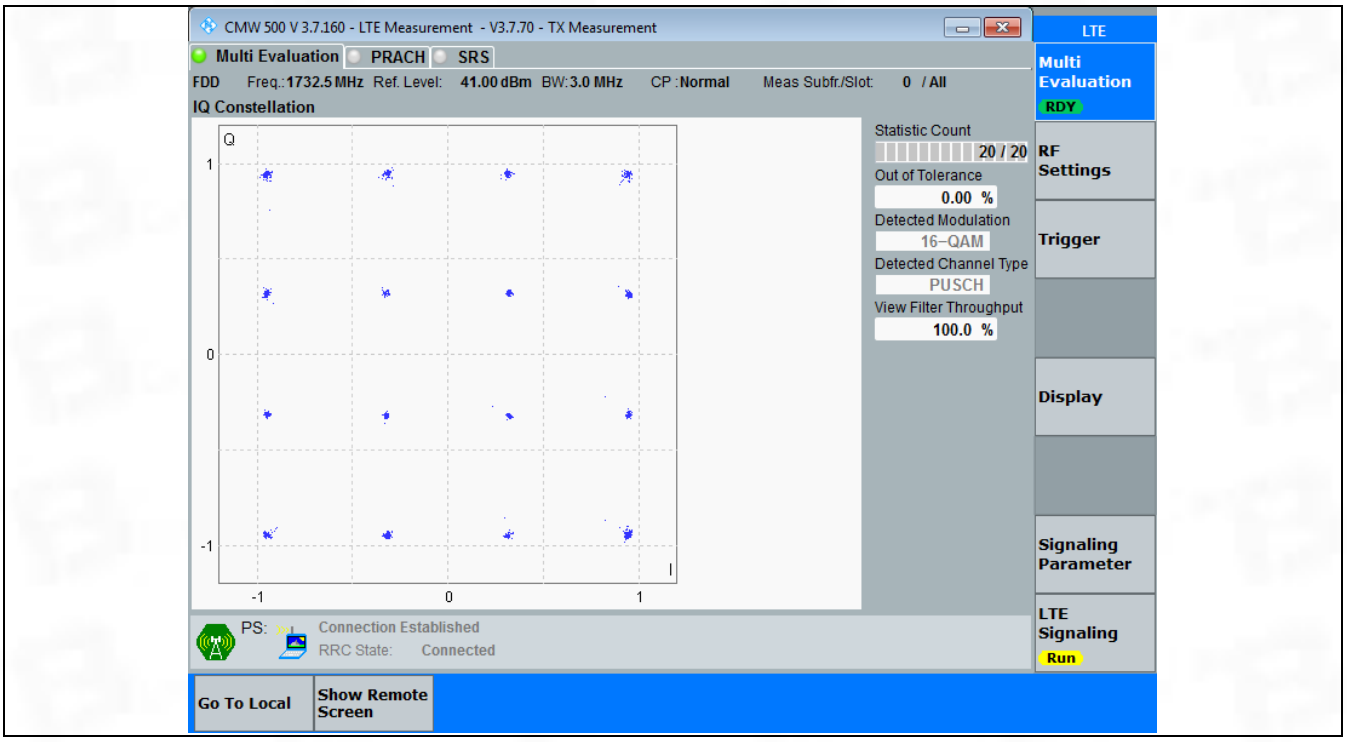
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



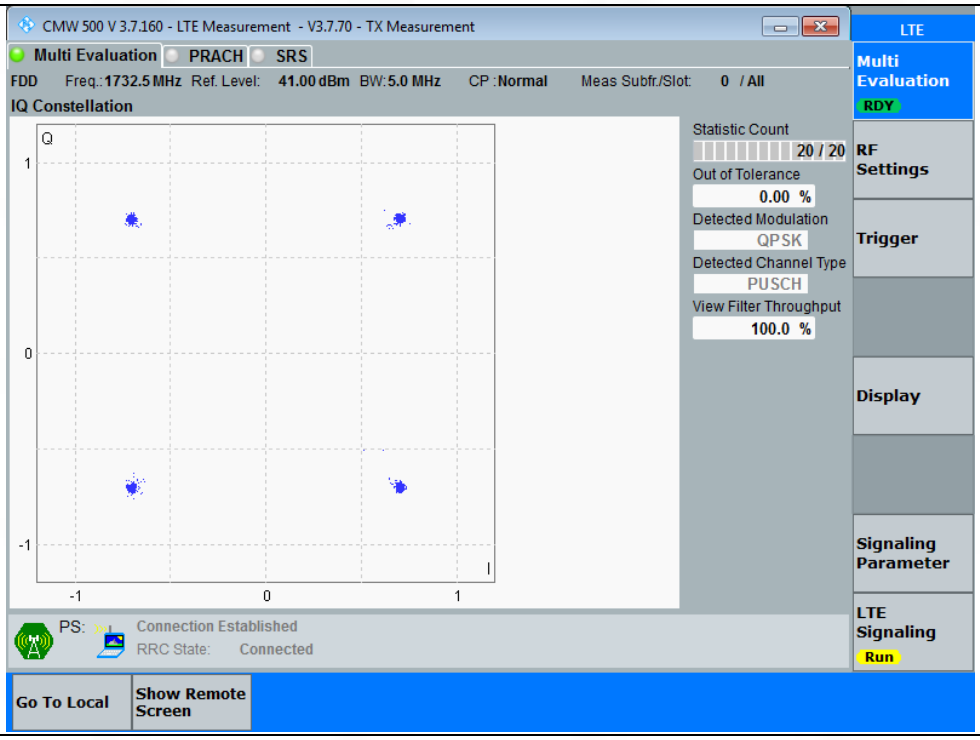
3.3 B4_5MHz

3.3.1 Test Result

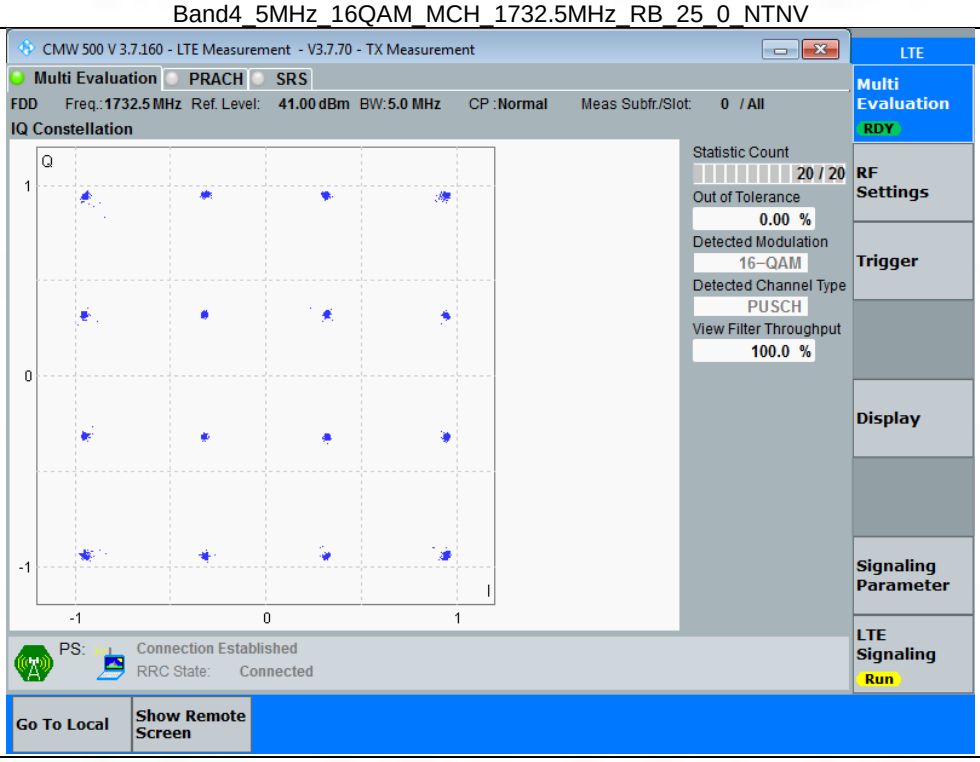
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



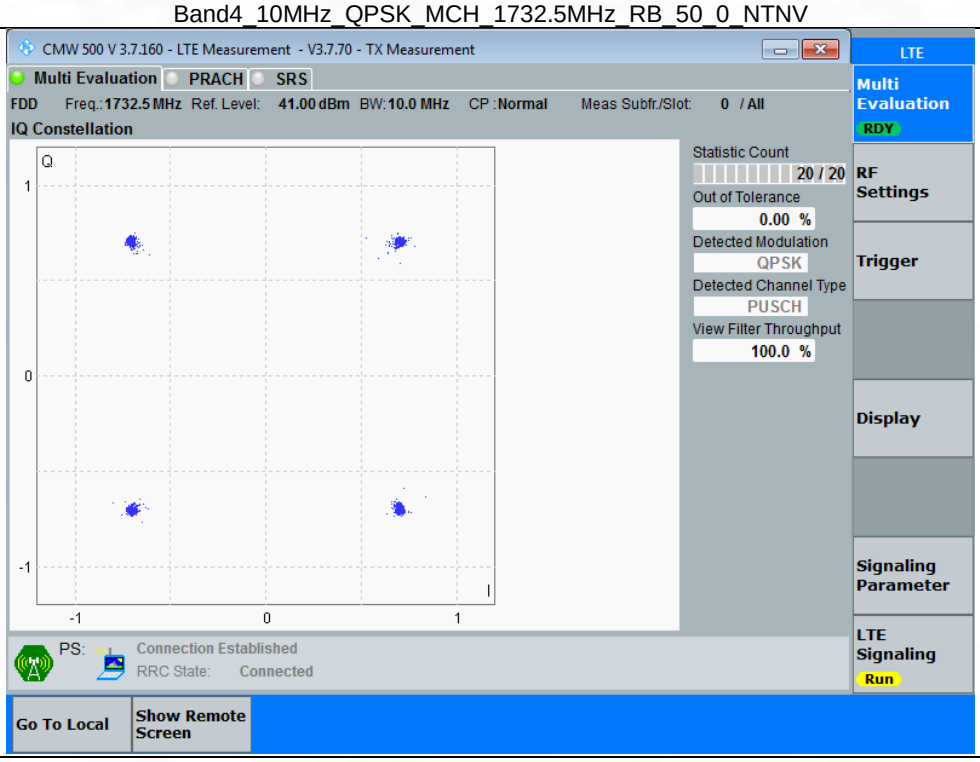
3.4 B4_10MHz

3.4.1 Test Result

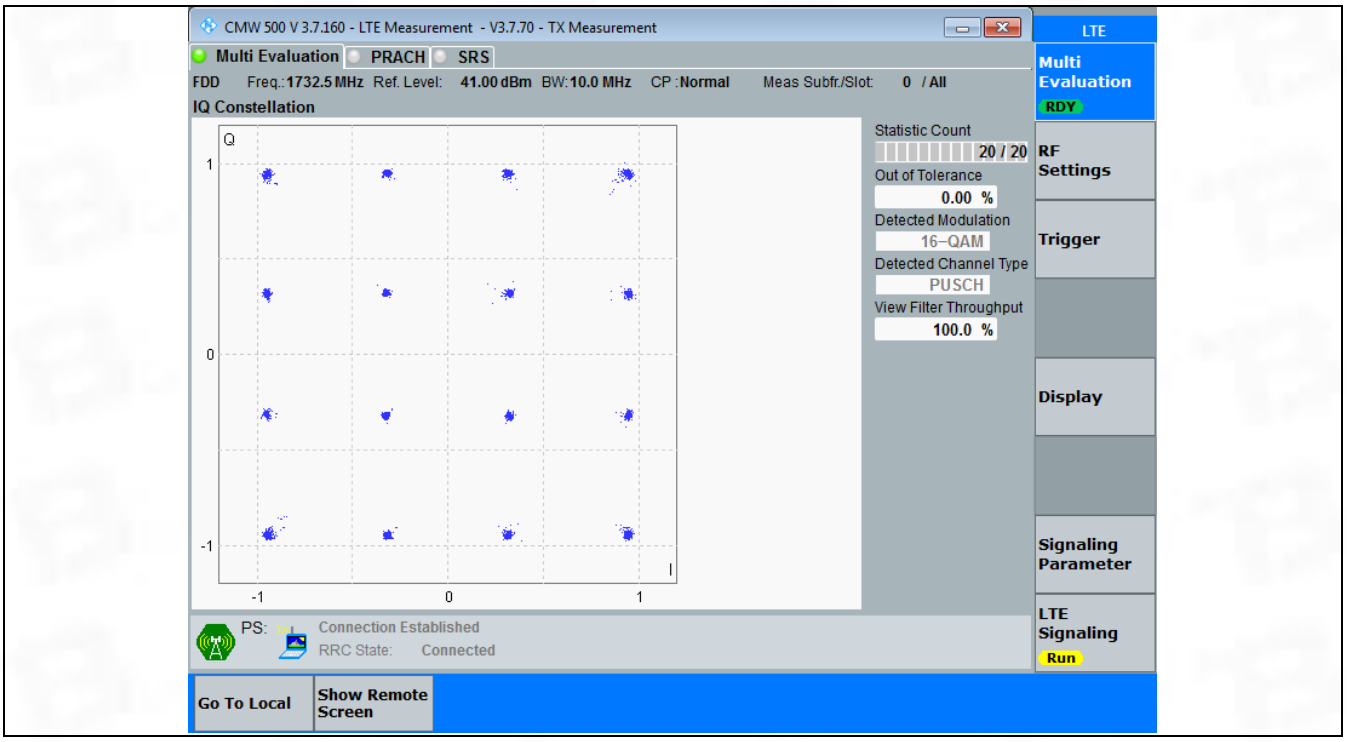
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



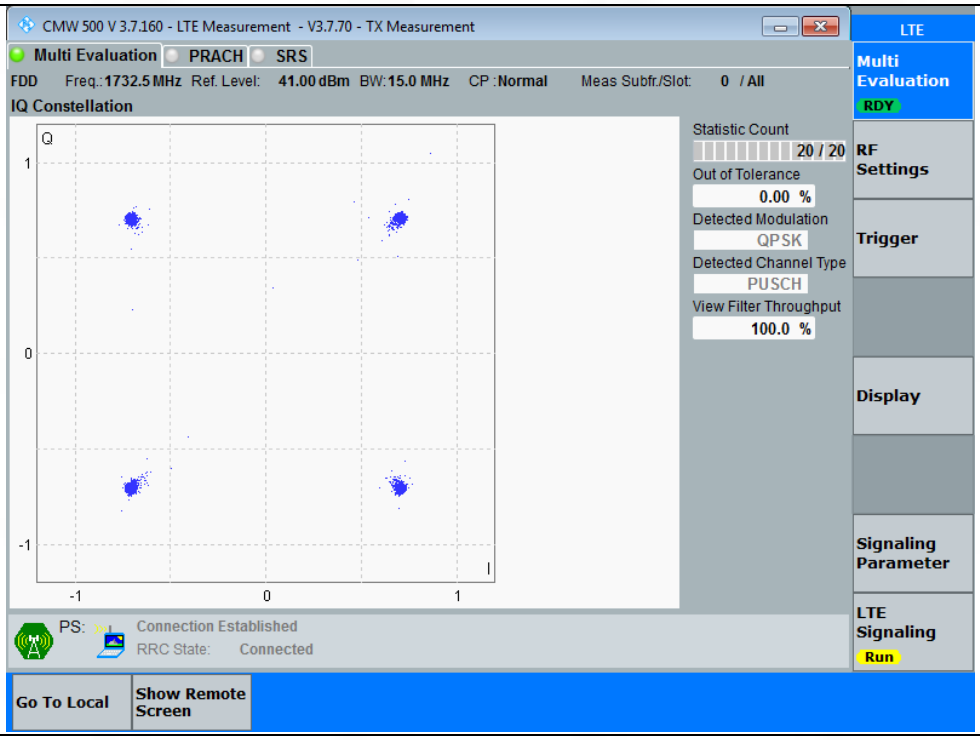
3.5 B4_15MHz

3.5.1 Test Result

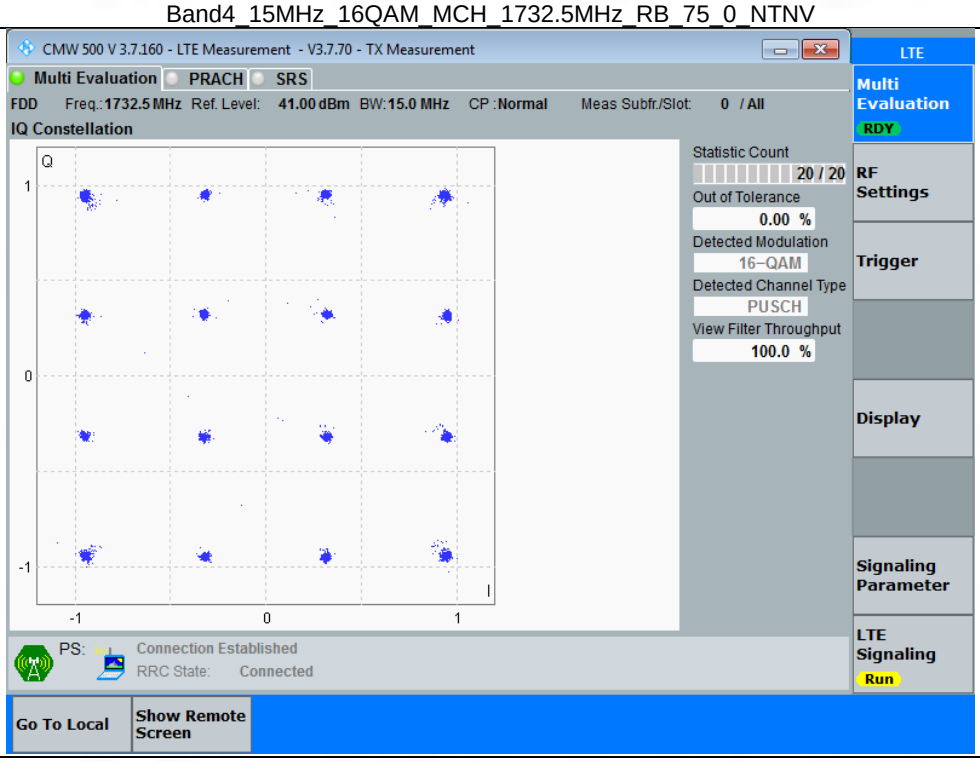
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



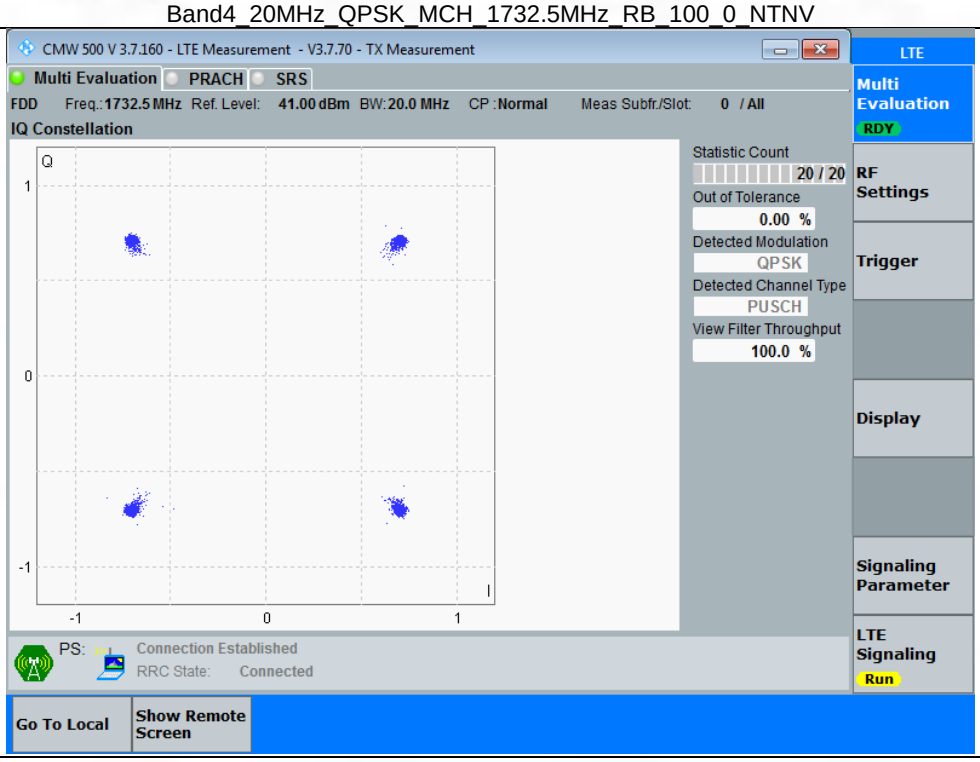
3.6 B4_20MHz

3.6.1 Test Result

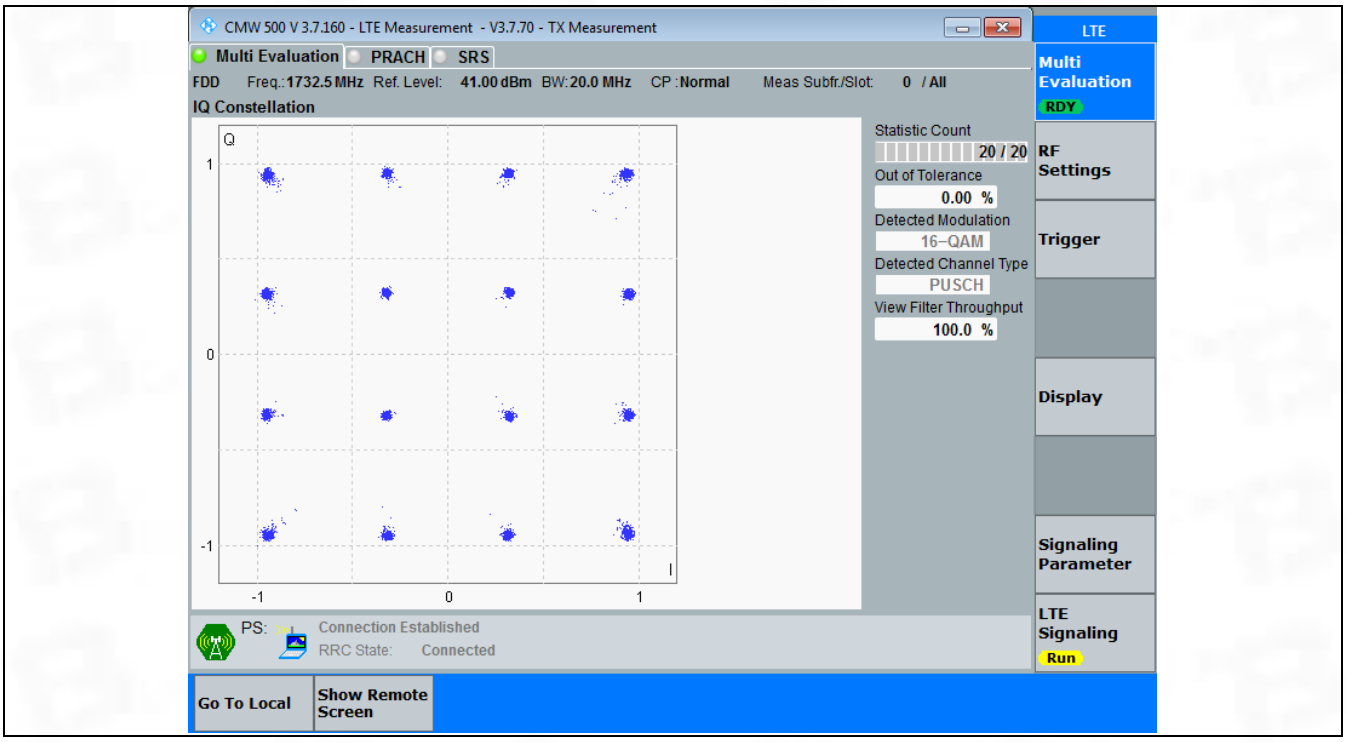
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

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 Band4_OBW

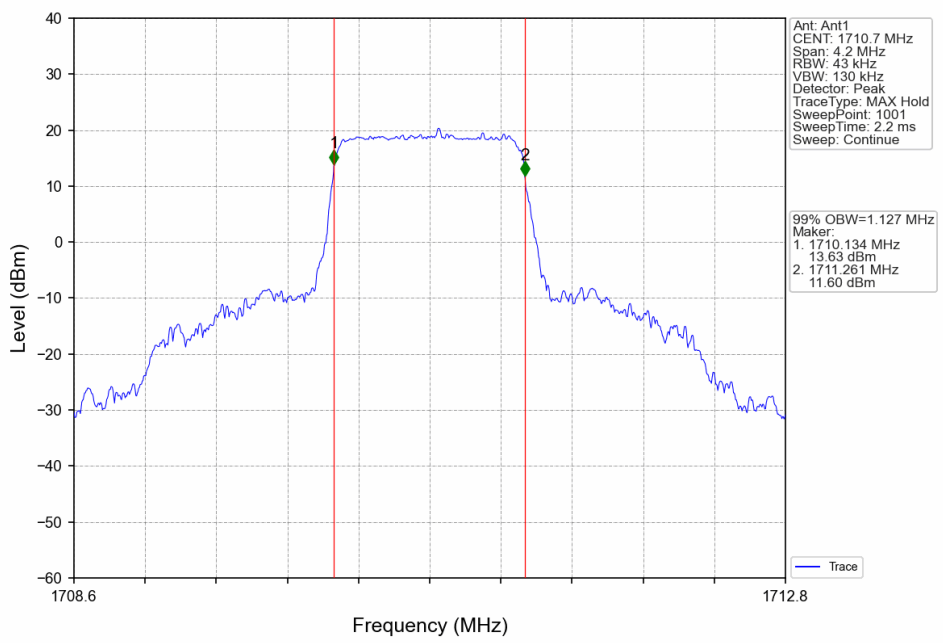
4.1.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.127	Pass
		1732.5	6	0	1.116	Pass
		1754.3	6	0	1.110	Pass
	16QAM	1710.7	6	0	1.121	Pass
		1732.5	6	0	1.108	Pass
		1754.3	6	0	1.118	Pass
3	QPSK	1711.5	15	0	2.743	Pass
		1732.5	15	0	2.736	Pass
		1753.5	15	0	2.732	Pass
	16QAM	1711.5	15	0	2.738	Pass
		1732.5	15	0	2.726	Pass
		1753.5	15	0	2.730	Pass
5	QPSK	1712.5	25	0	4.557	Pass
		1732.5	25	0	4.545	Pass
		1752.5	25	0	4.561	Pass
	16QAM	1712.5	25	0	4.569	Pass
		1732.5	25	0	4.562	Pass
		1752.5	25	0	4.534	Pass
10	QPSK	1715	50	0	9.068	Pass

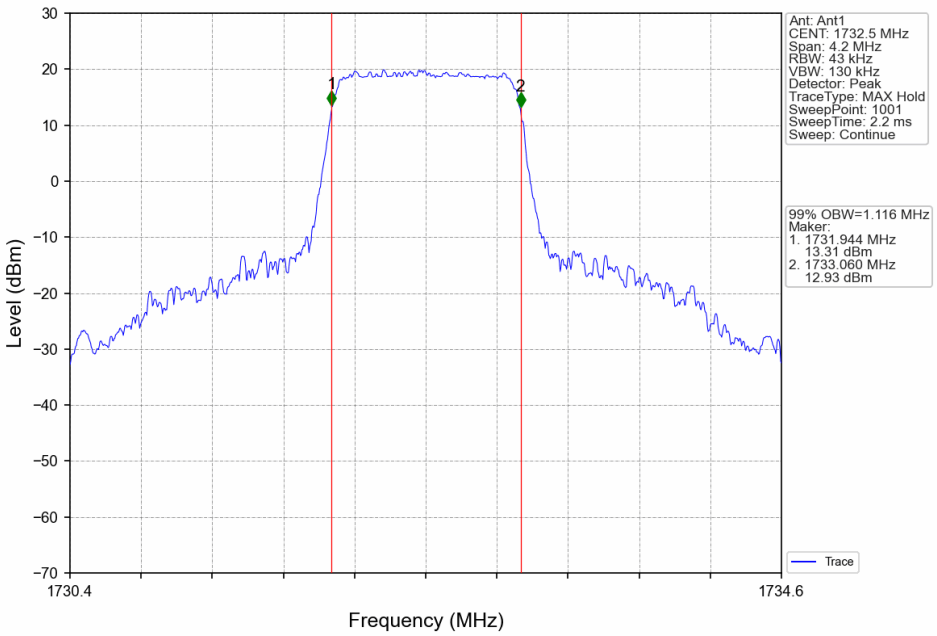
		1732.5	50	0	9.022	Pass
		1750	50	0	9.067	Pass
	16QAM	1715	50	0	9.069	Pass
		1732.5	50	0	9.013	Pass
		1750	50	0	9.087	Pass
15	QPSK	1717.5	75	0	13.661	Pass
		1732.5	75	0	13.490	Pass
		1747.5	75	0	13.613	Pass
	16QAM	1717.5	75	0	13.650	Pass
		1732.5	75	0	13.498	Pass
		1747.5	75	0	13.634	Pass
20	QPSK	1720	100	0	18.152	Pass
		1732.5	100	0	18.004	Pass
		1745	100	0	18.159	Pass
	16QAM	1720	100	0	18.184	Pass
		1732.5	100	0	17.948	Pass
		1745	100	0	18.212	Pass

4.1.2 Test Graph

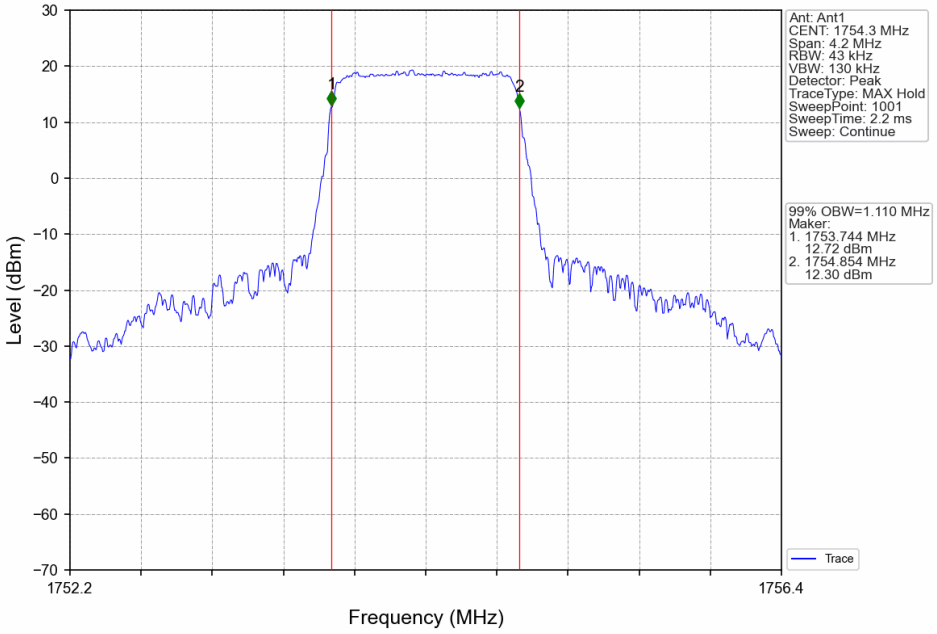
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



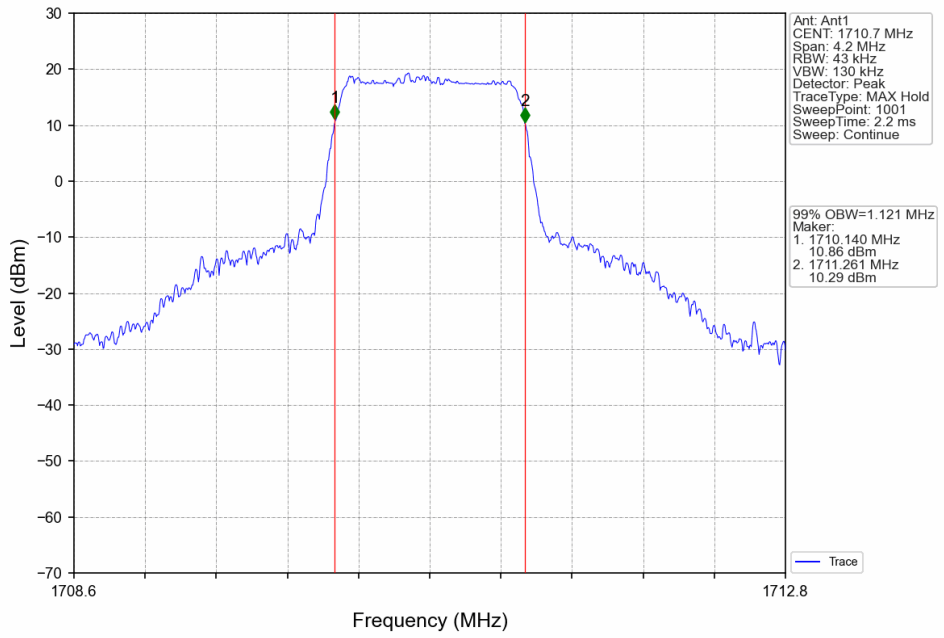
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



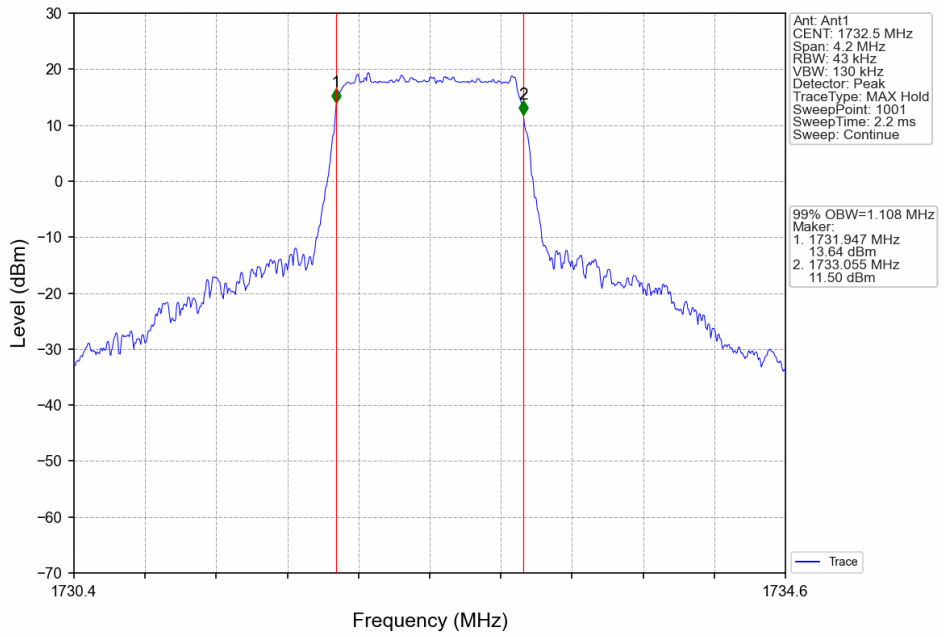
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



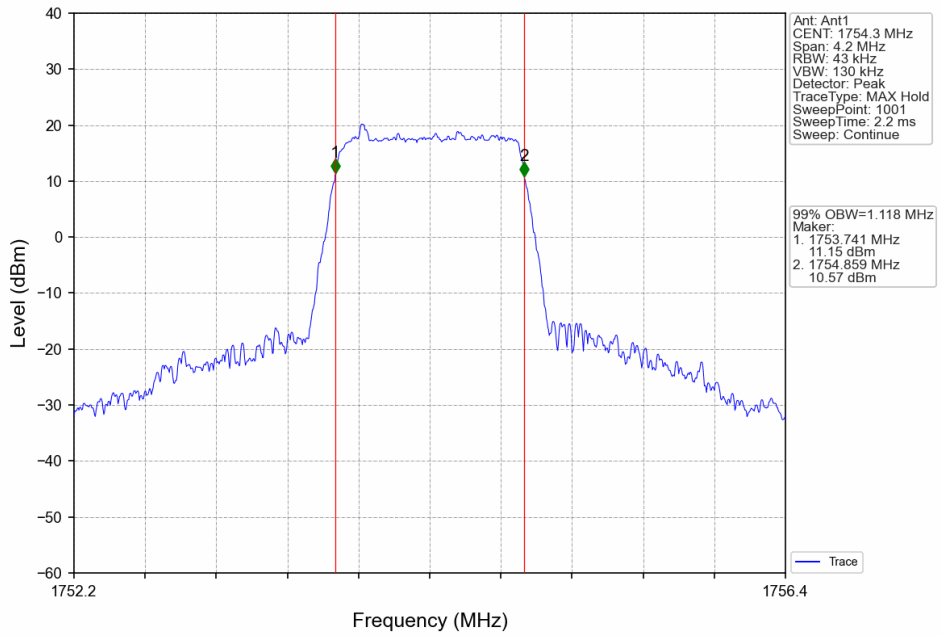
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



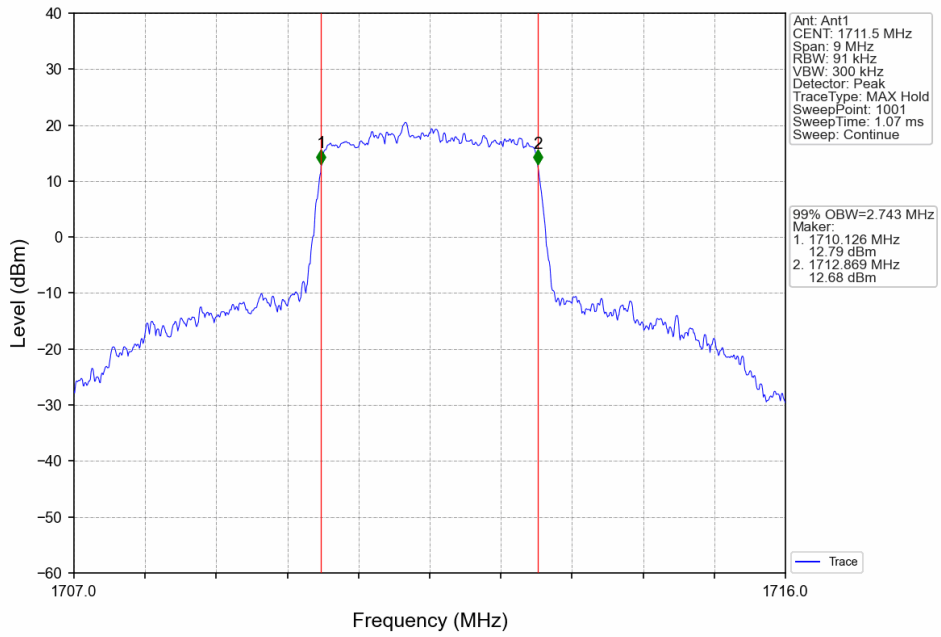
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



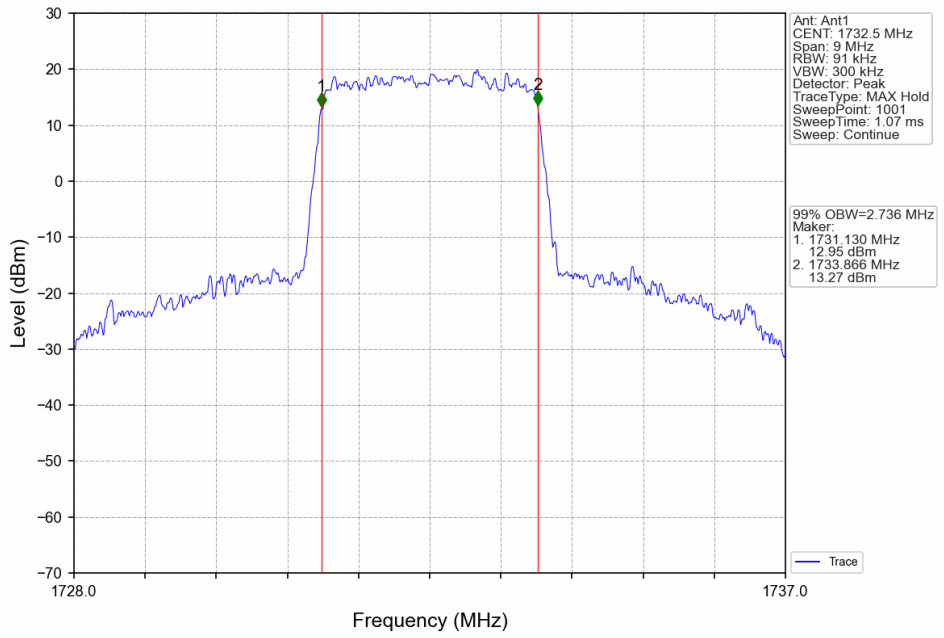
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



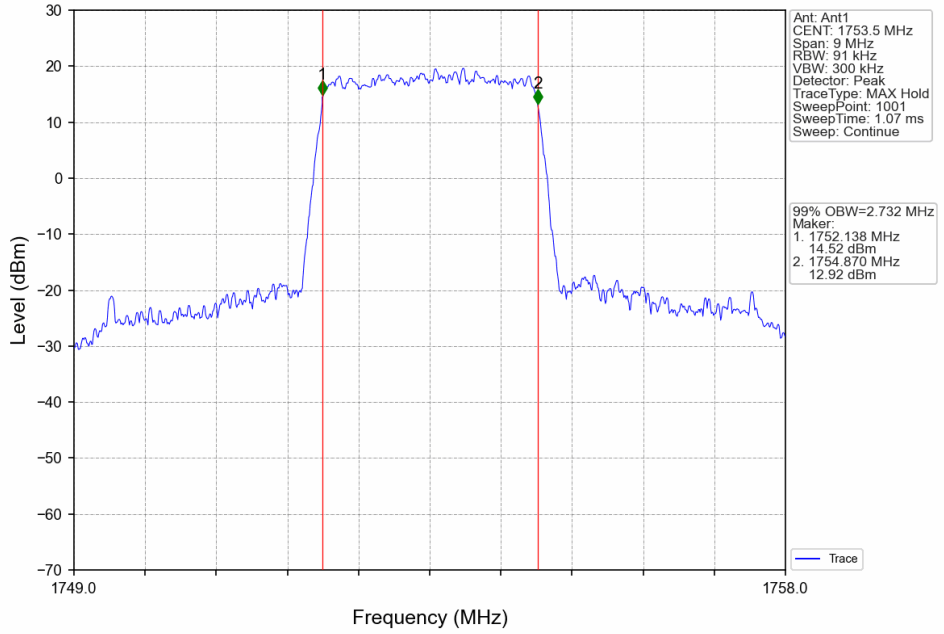
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



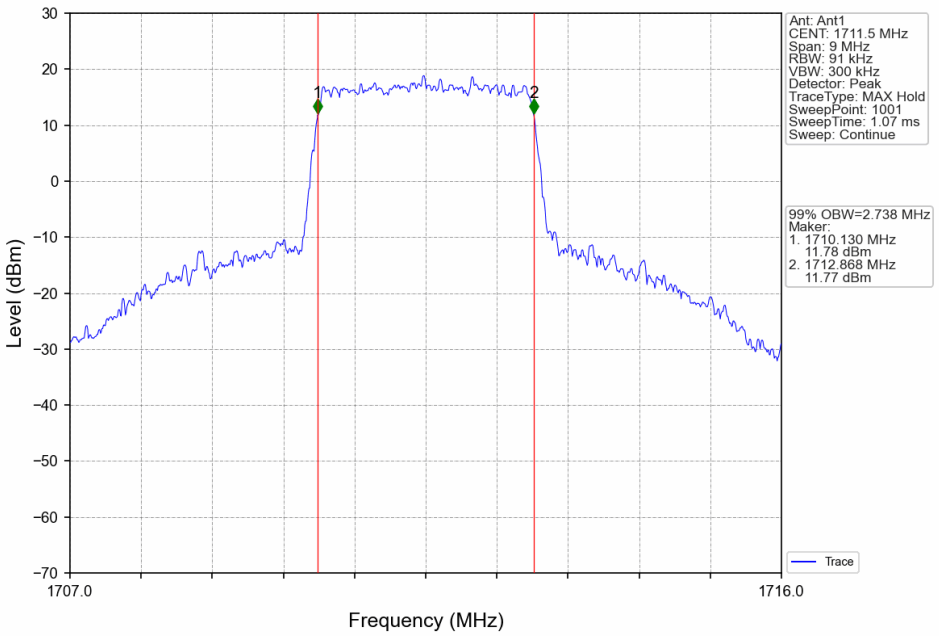
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



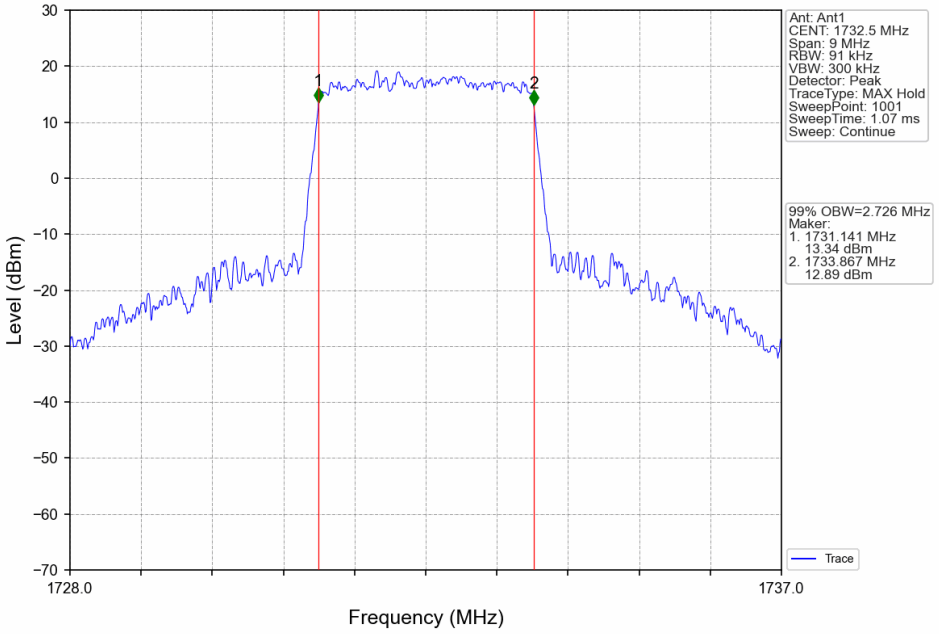
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



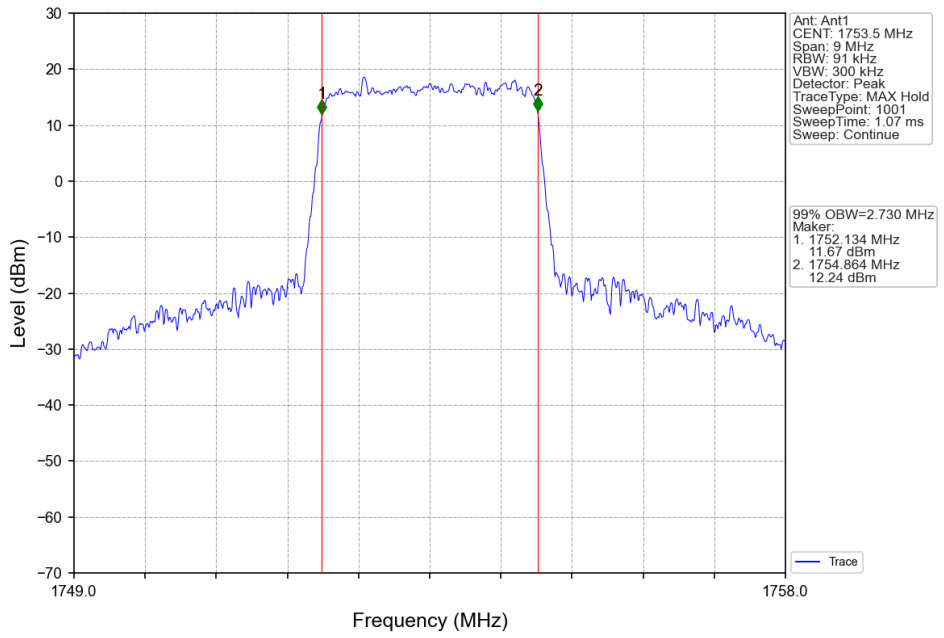
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



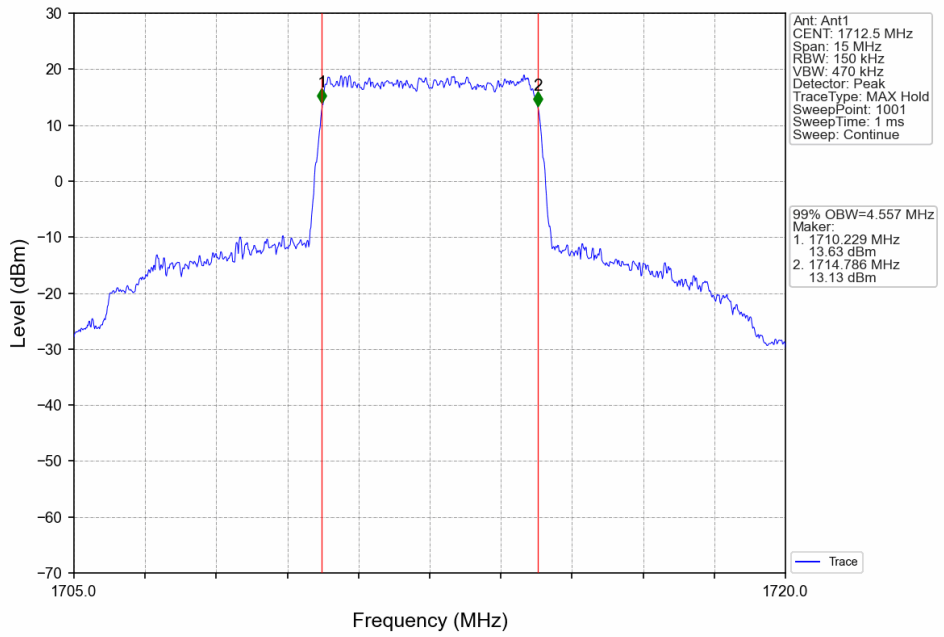
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



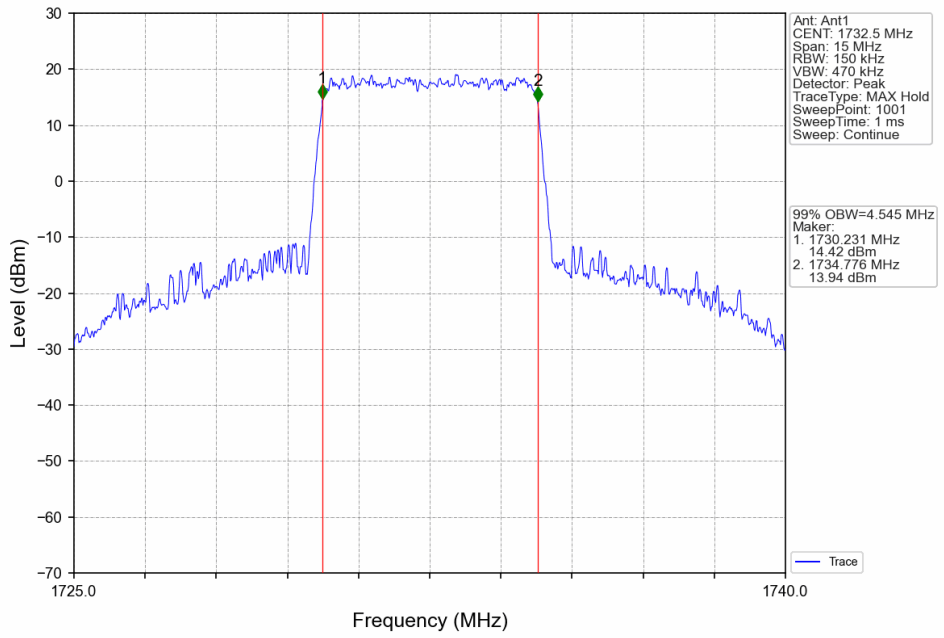
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



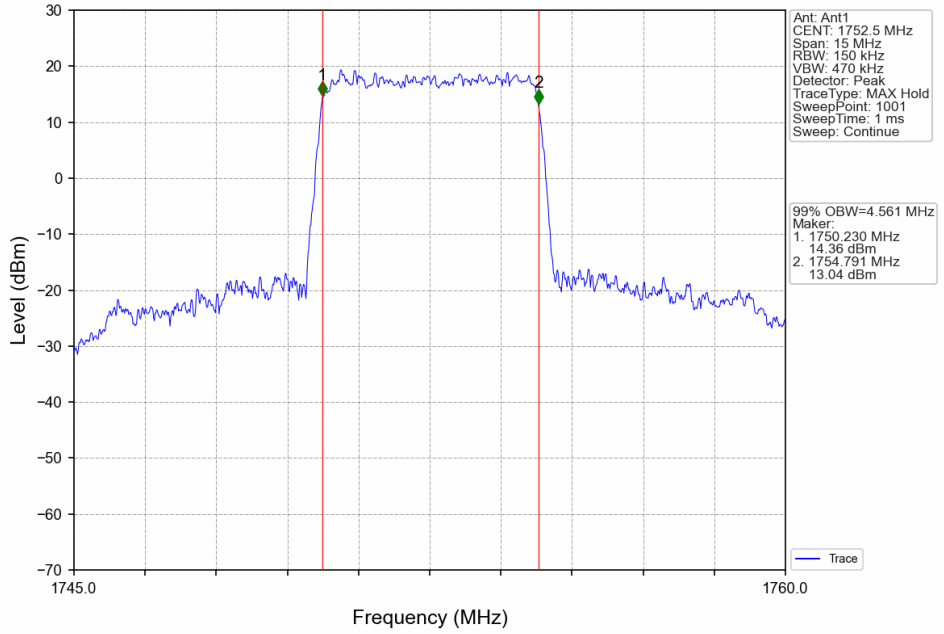
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



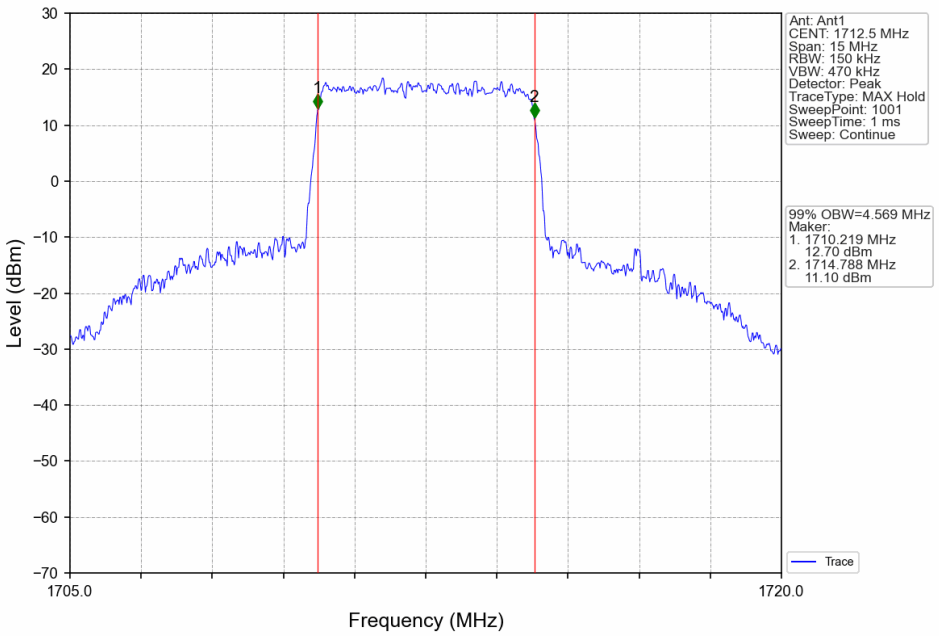
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



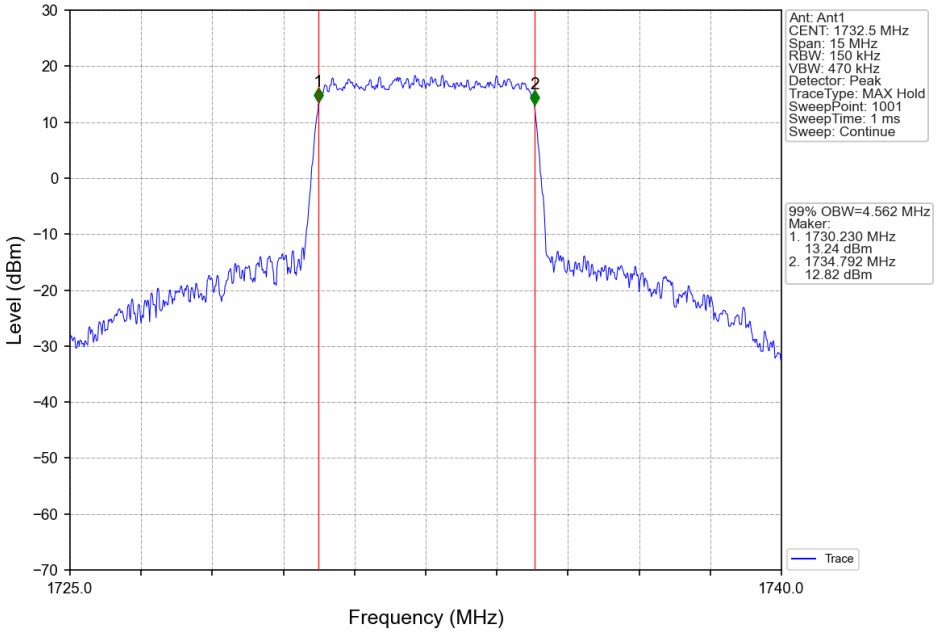
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



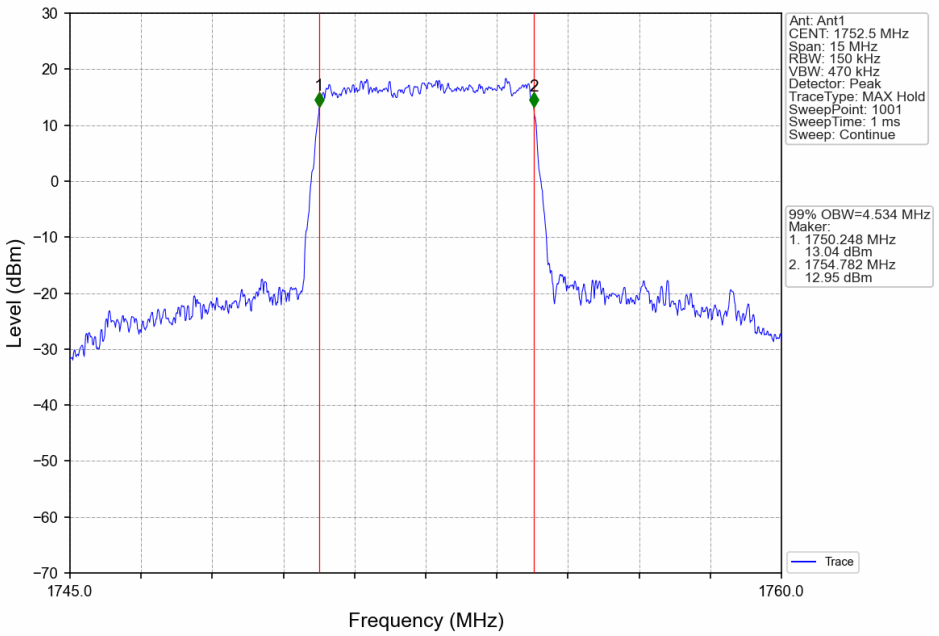
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



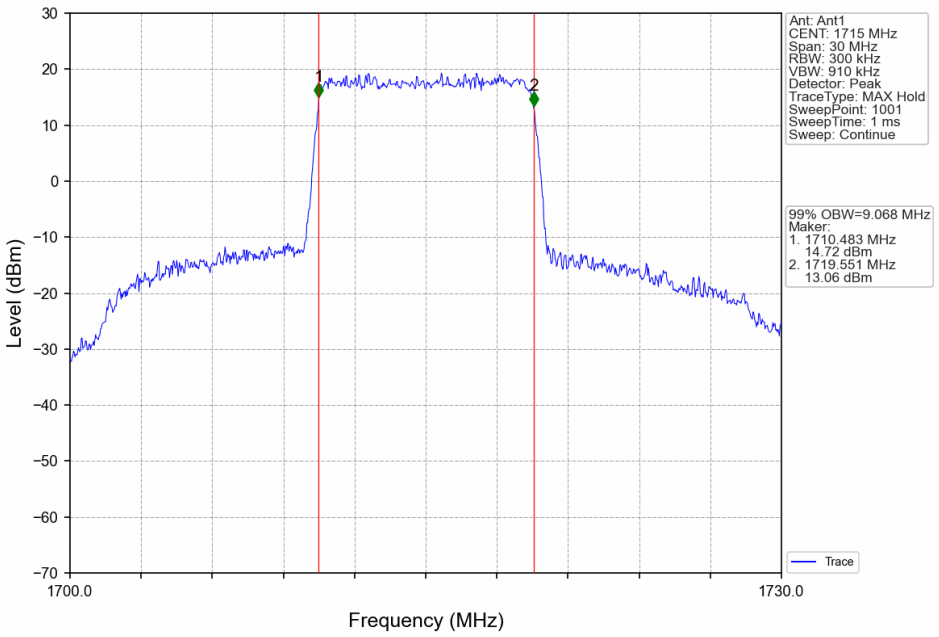
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



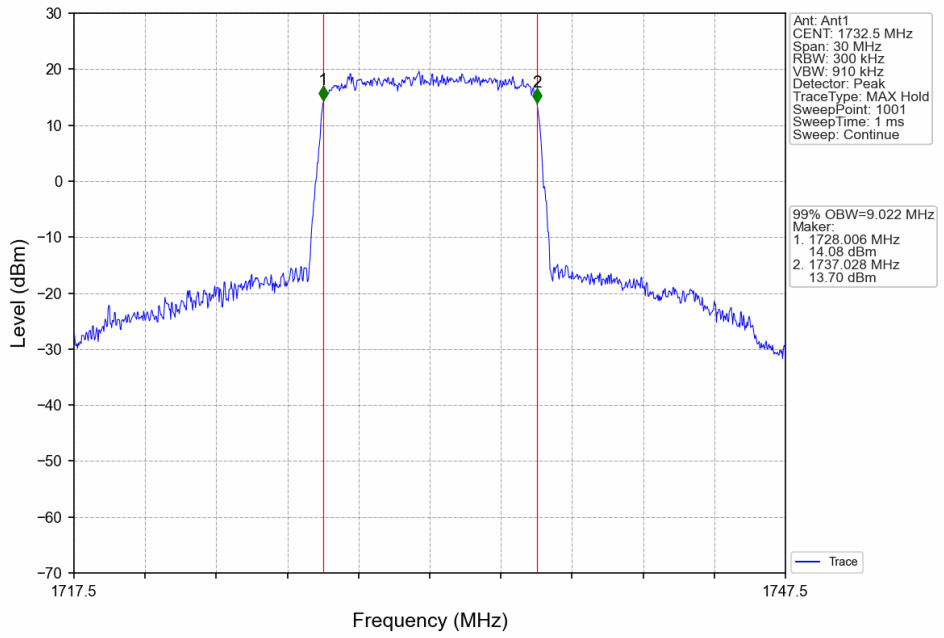
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



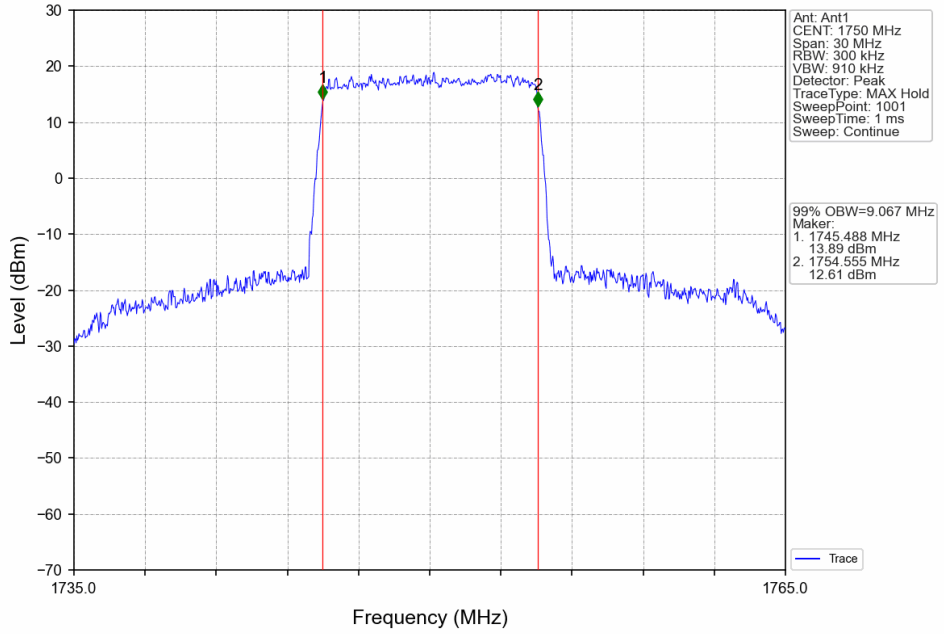
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



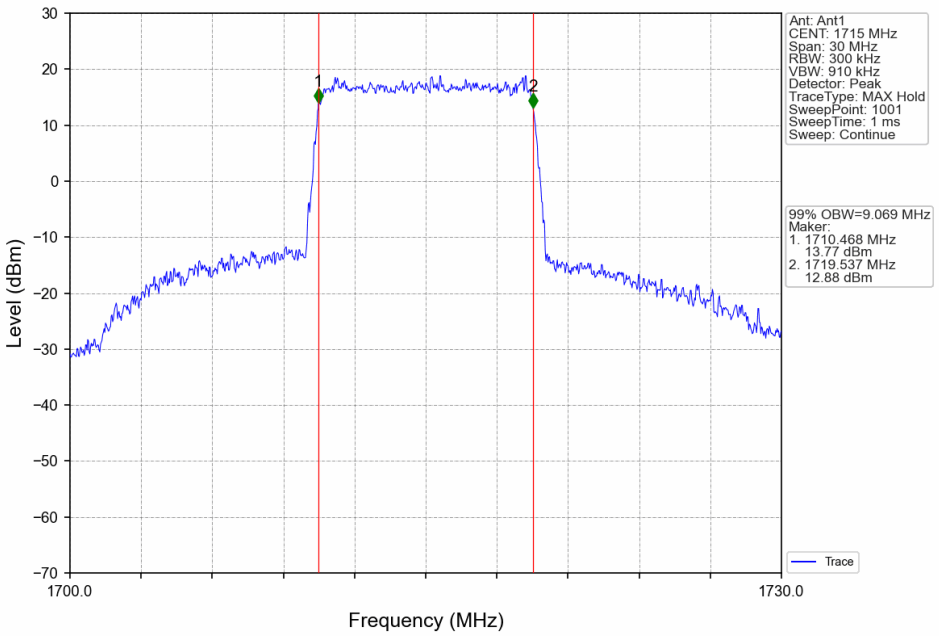
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



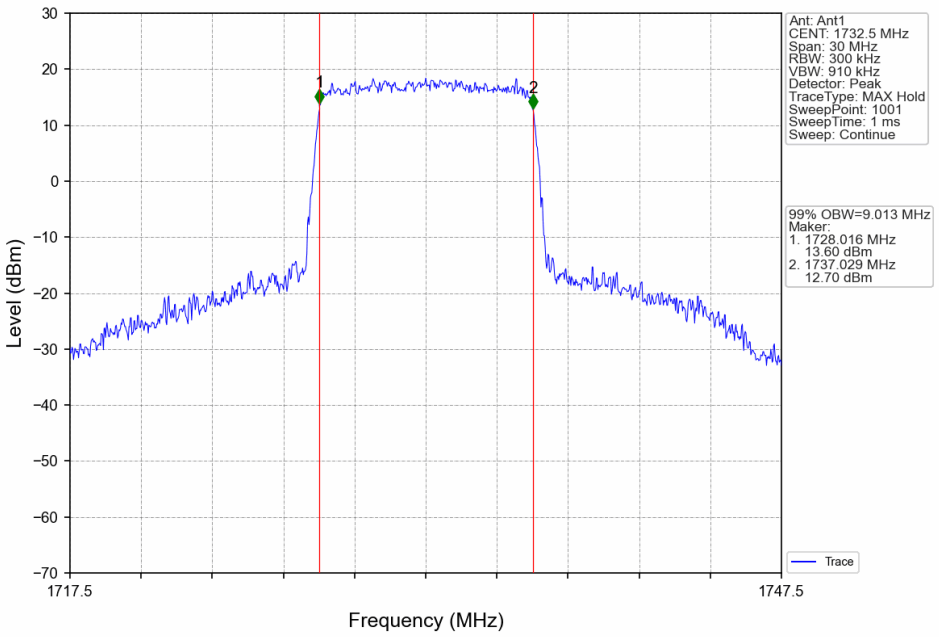
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



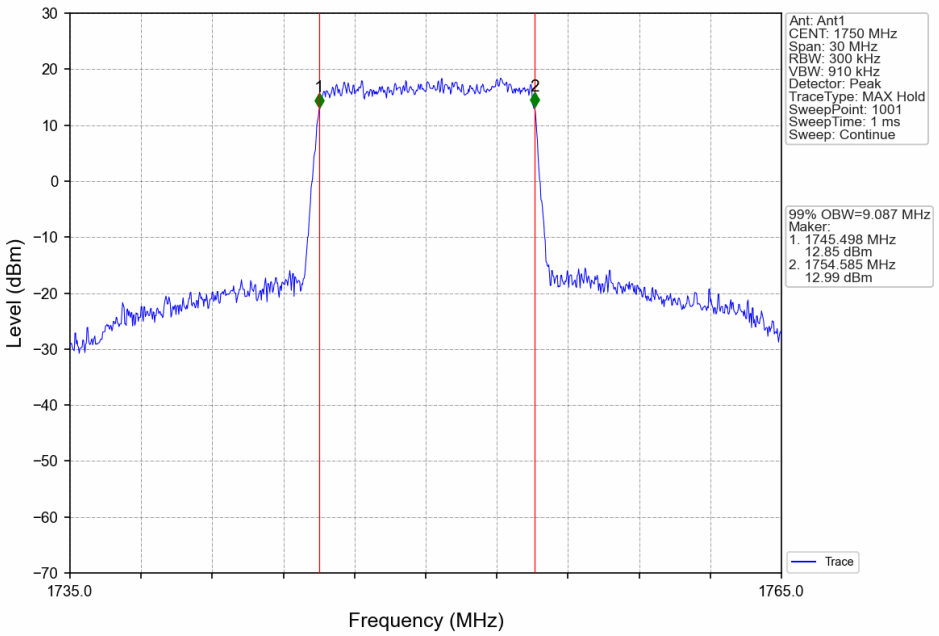
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



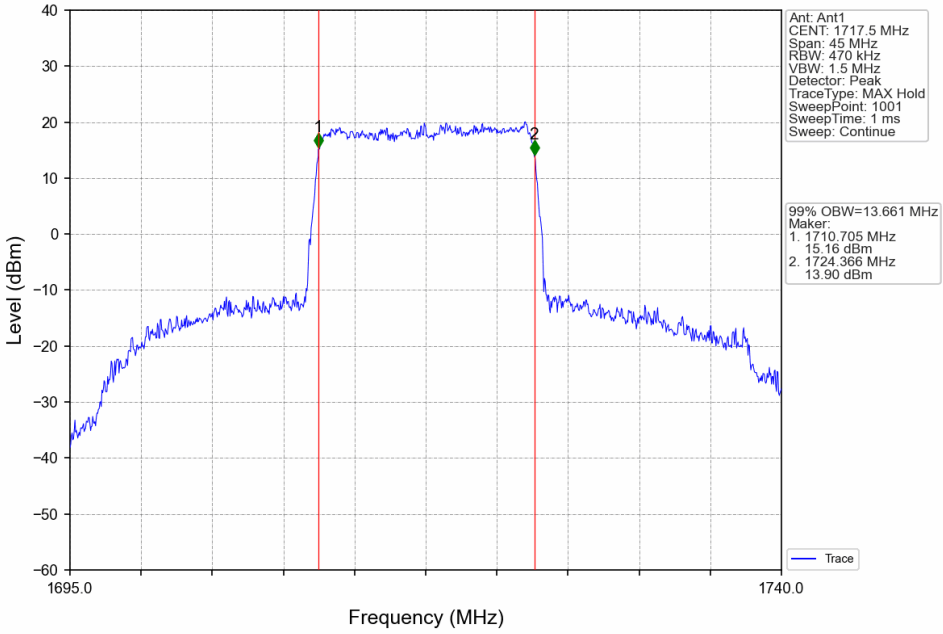
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



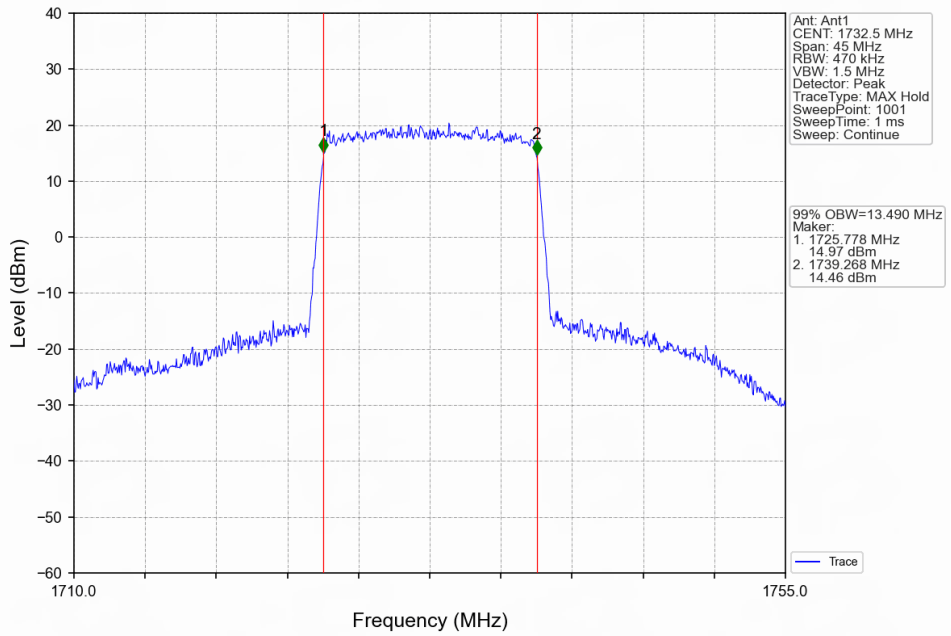
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



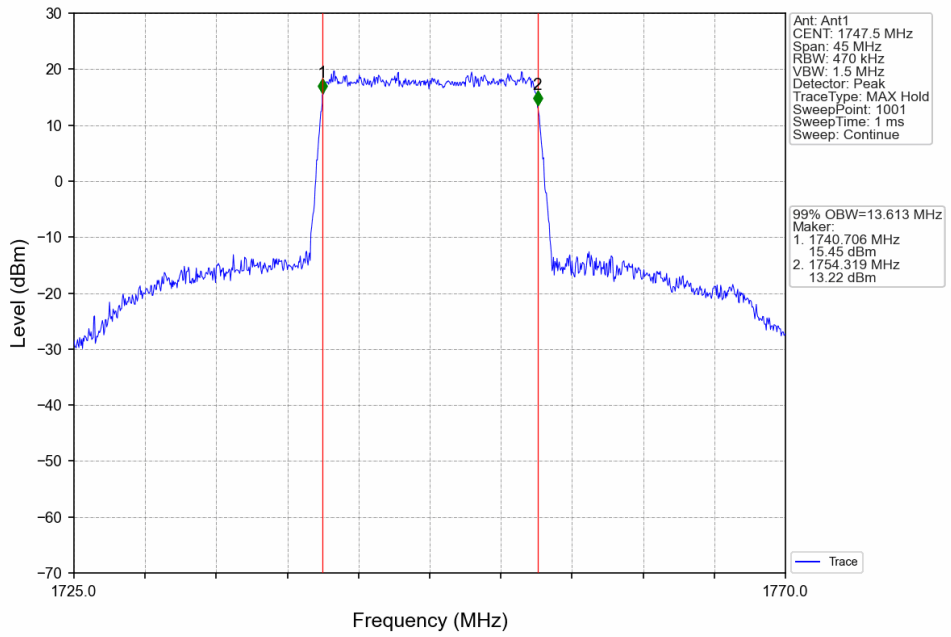
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



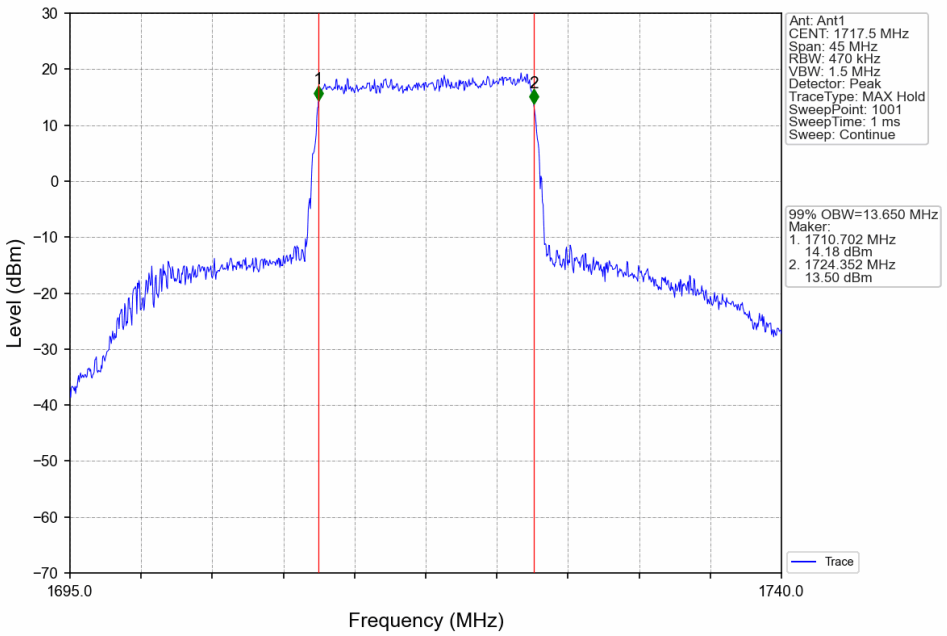
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



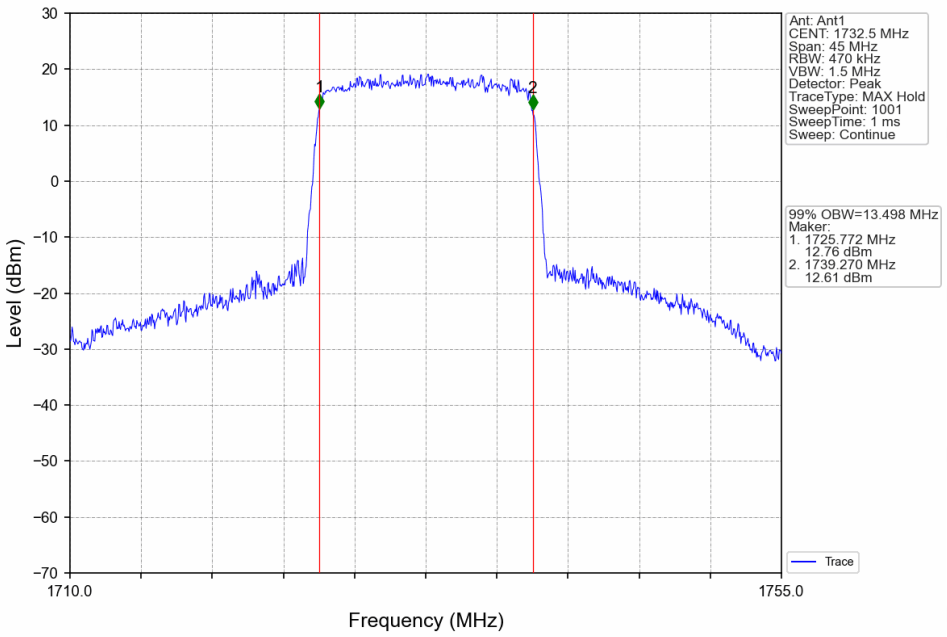
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



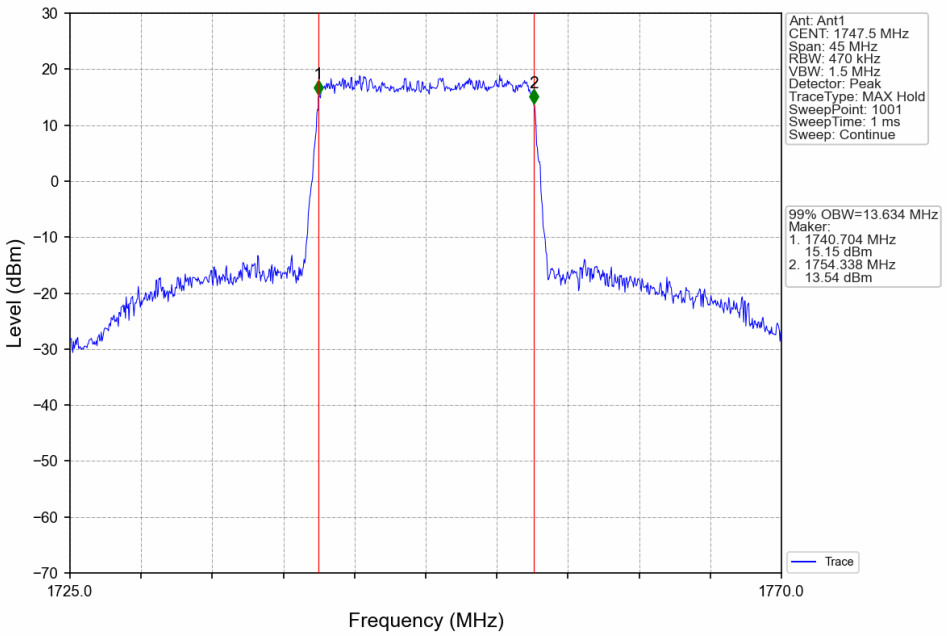
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



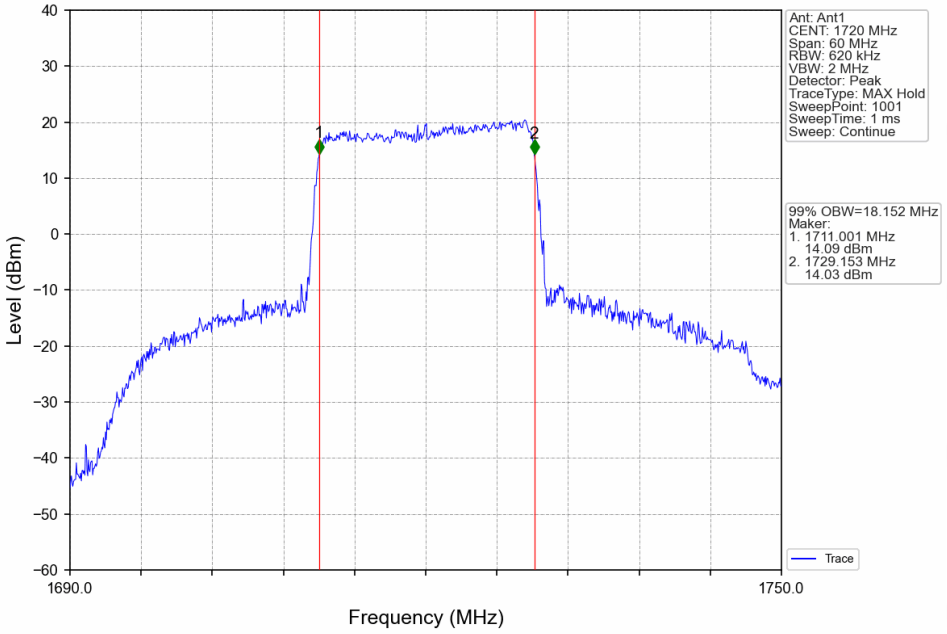
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



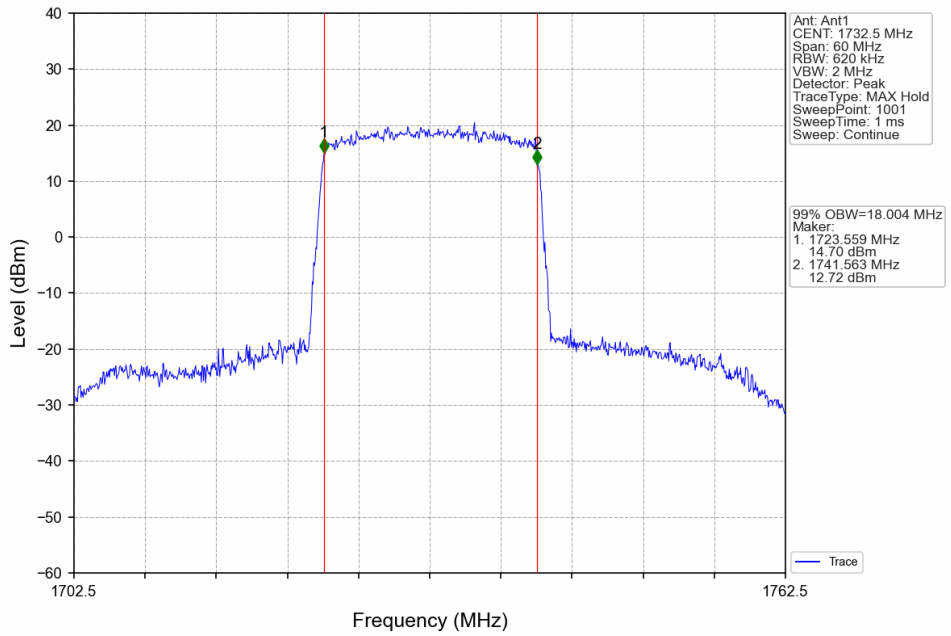
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



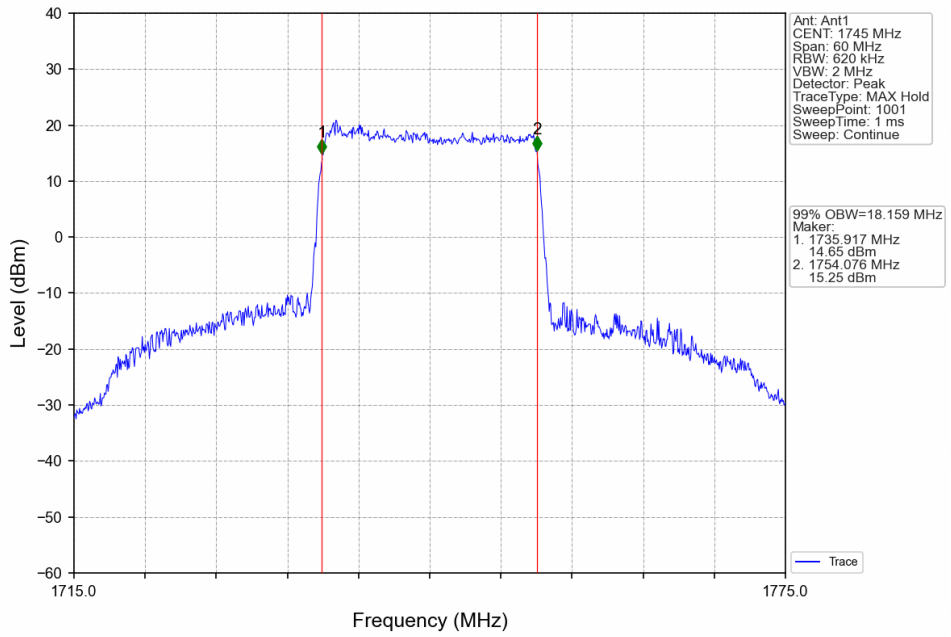
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



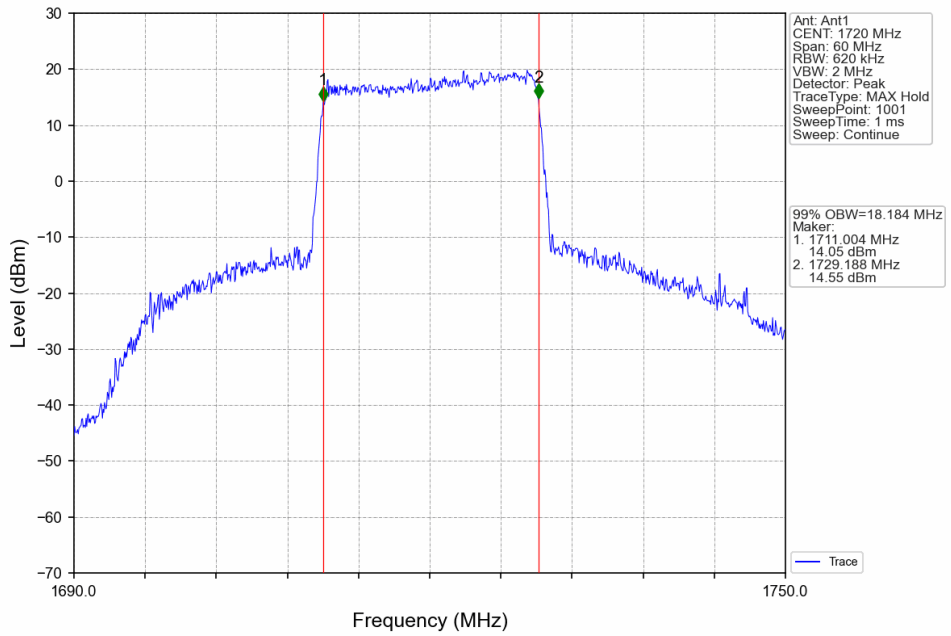
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



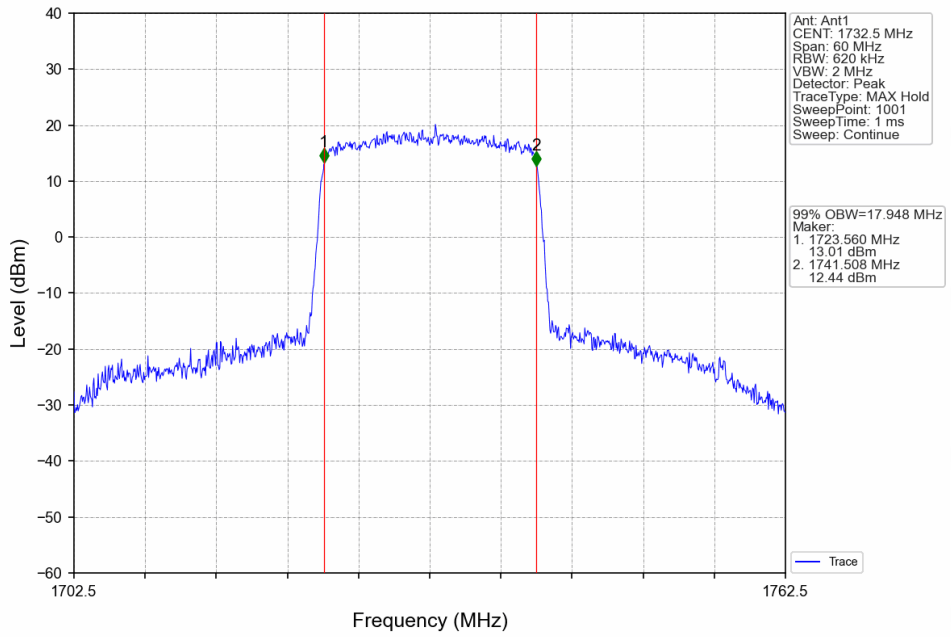
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



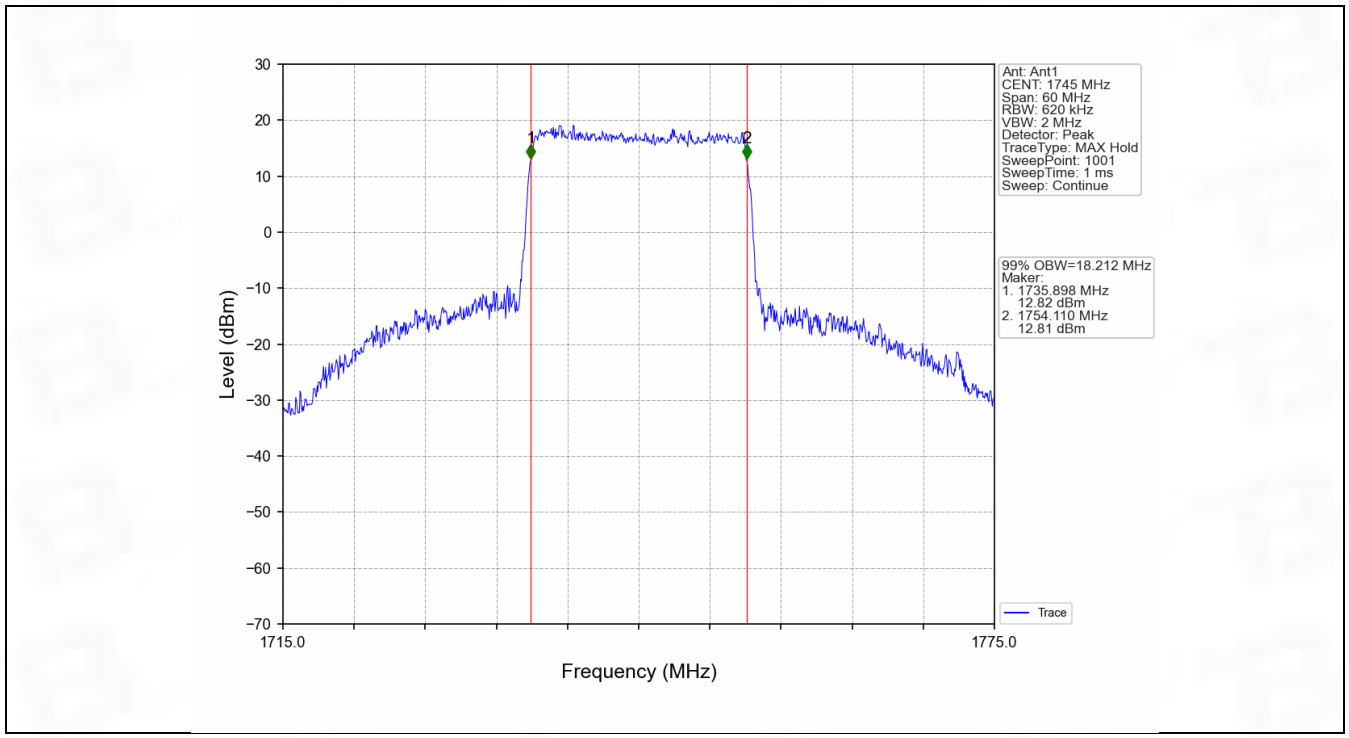
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



4.2 Band4_XDB

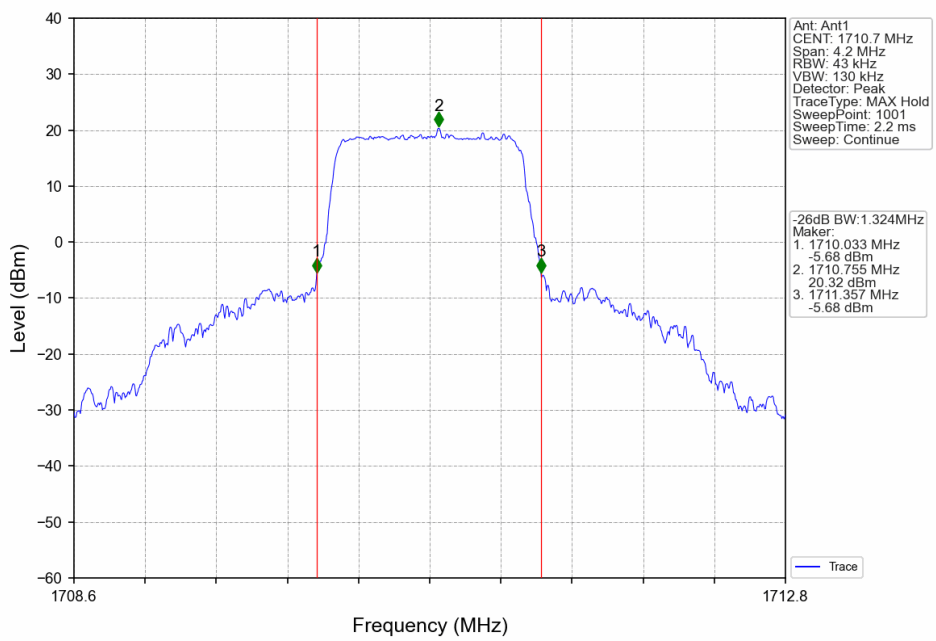
4.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.324	Pass
		1732.5	6	0	1.305	Pass
		1754.3	6	0	1.304	Pass
	16QAM	1710.7	6	0	1.322	Pass
		1732.5	6	0	1.291	Pass
		1754.3	6	0	1.314	Pass
3	QPSK	1711.5	15	0	3.055	Pass
		1732.5	15	0	3.046	Pass
		1753.5	15	0	3.041	Pass
	16QAM	1711.5	15	0	3.037	Pass
		1732.5	15	0	3.027	Pass
		1753.5	15	0	3.034	Pass
5	QPSK	1712.5	25	0	4.999	Pass
		1732.5	25	0	4.999	Pass
		1752.5	25	0	5.003	Pass
	16QAM	1712.5	25	0	5.017	Pass
		1732.5	25	0	4.996	Pass
		1752.5	25	0	5.011	Pass
10	QPSK	1715	50	0	9.949	Pass

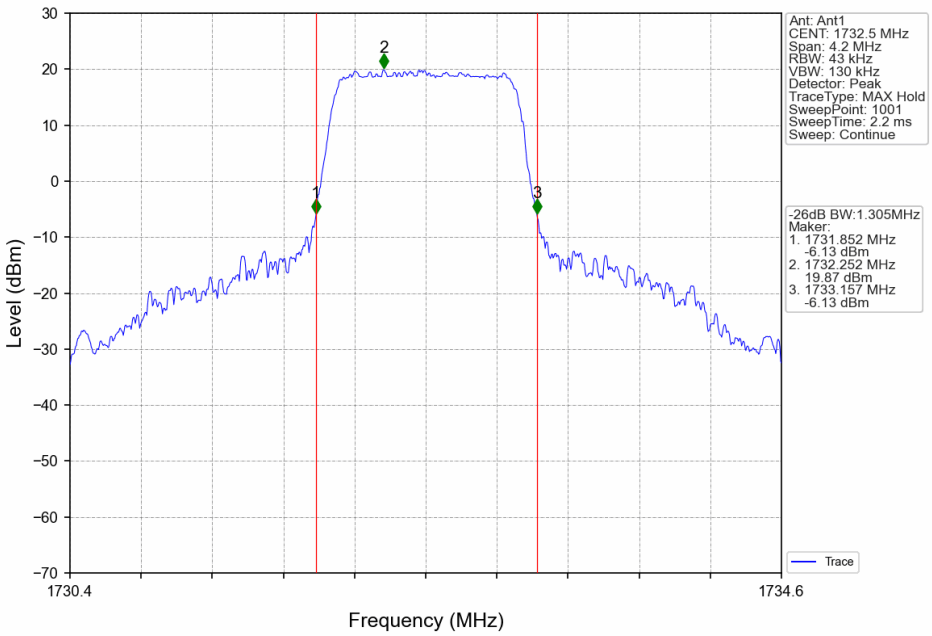
		1732.5	50	0	9.878	Pass
		1750	50	0	9.895	Pass
	16QAM	1715	50	0	9.974	Pass
		1732.5	50	0	9.934	Pass
		1750	50	0	9.907	Pass
15	QPSK	1717.5	75	0	14.869	Pass
		1732.5	75	0	14.791	Pass
		1747.5	75	0	14.901	Pass
	16QAM	1717.5	75	0	14.908	Pass
		1732.5	75	0	14.808	Pass
		1747.5	75	0	14.860	Pass
20	QPSK	1720	100	0	19.764	Pass
		1732.5	100	0	19.660	Pass
		1745	100	0	19.659	Pass
	16QAM	1720	100	0	19.837	Pass
		1732.5	100	0	19.453	Pass
		1745	100	0	19.693	Pass

4.2.2 Test Graph

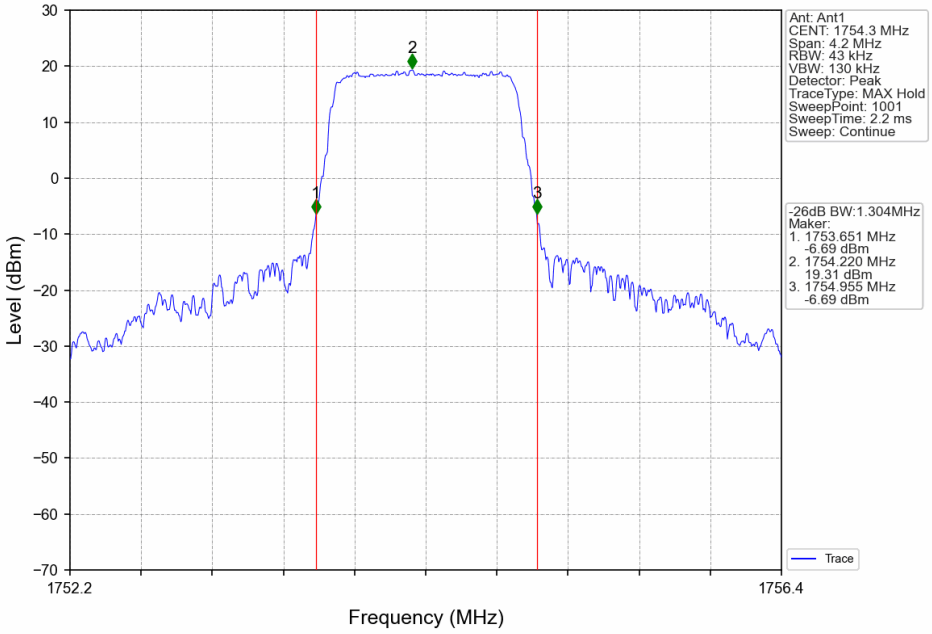
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



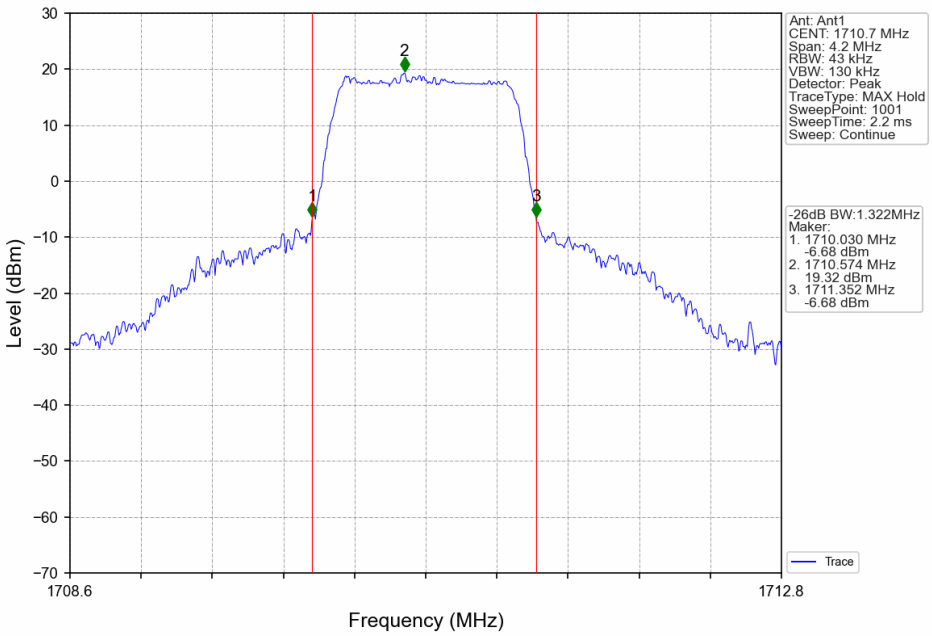
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



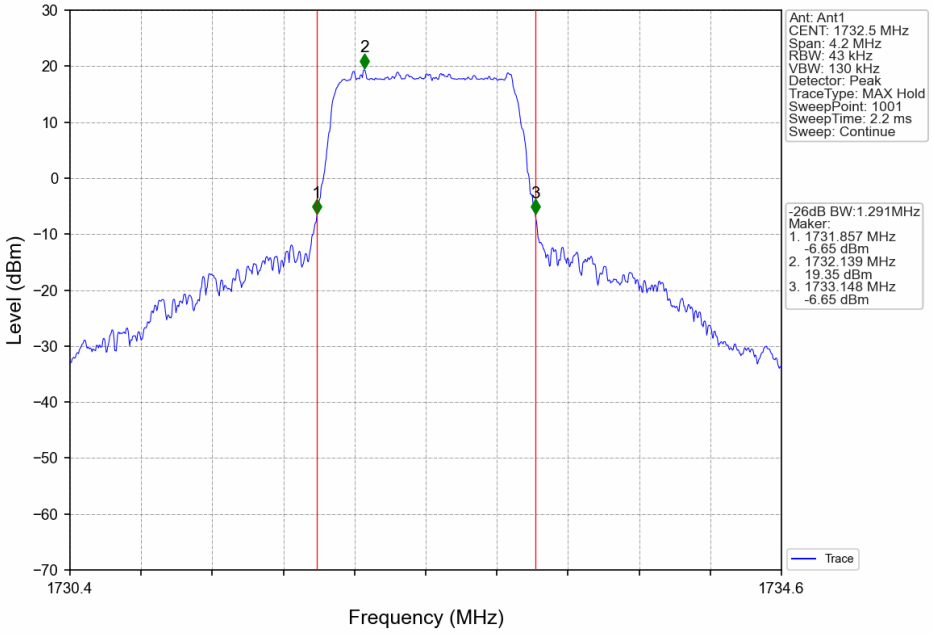
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



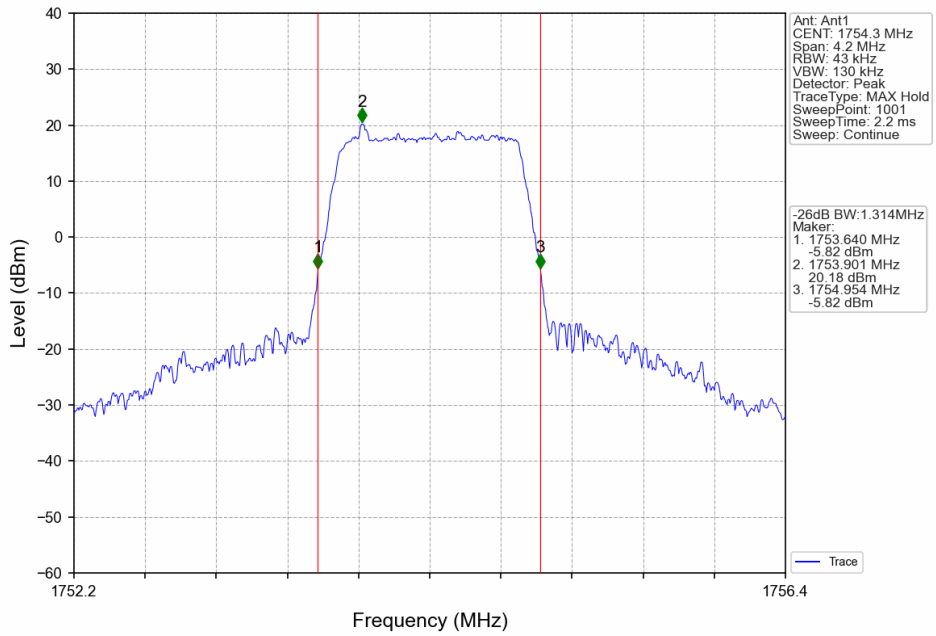
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



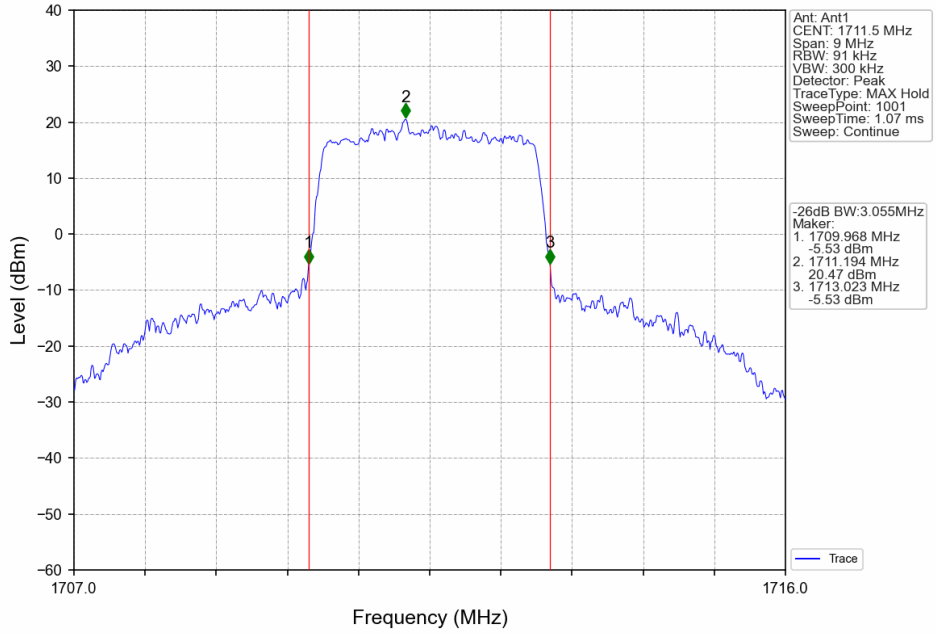
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



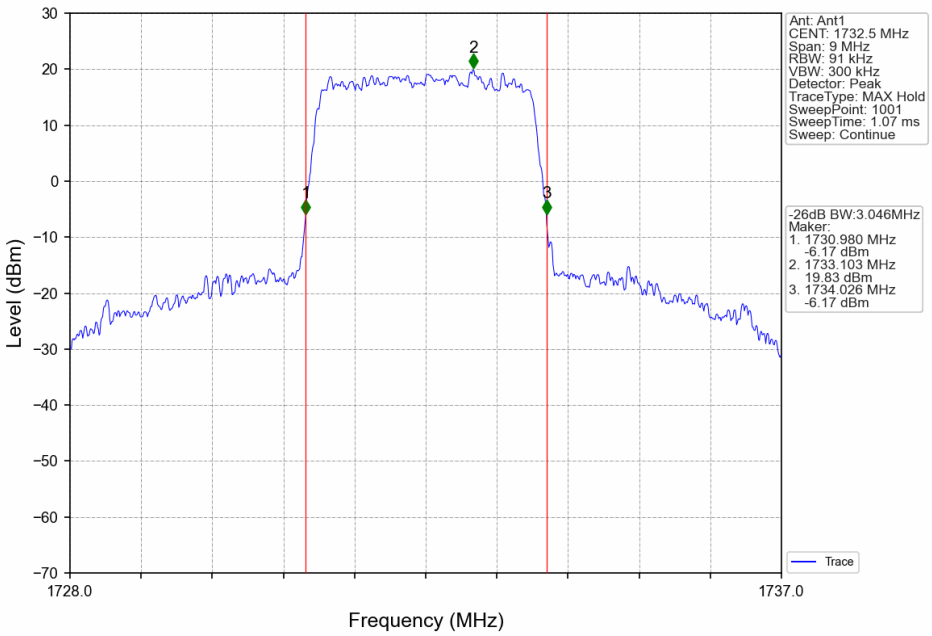
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



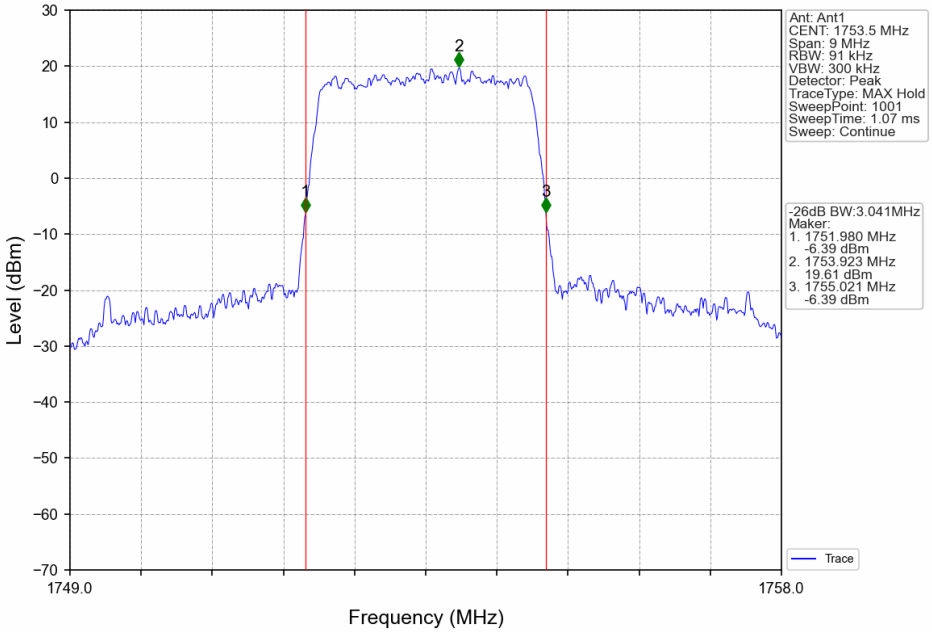
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



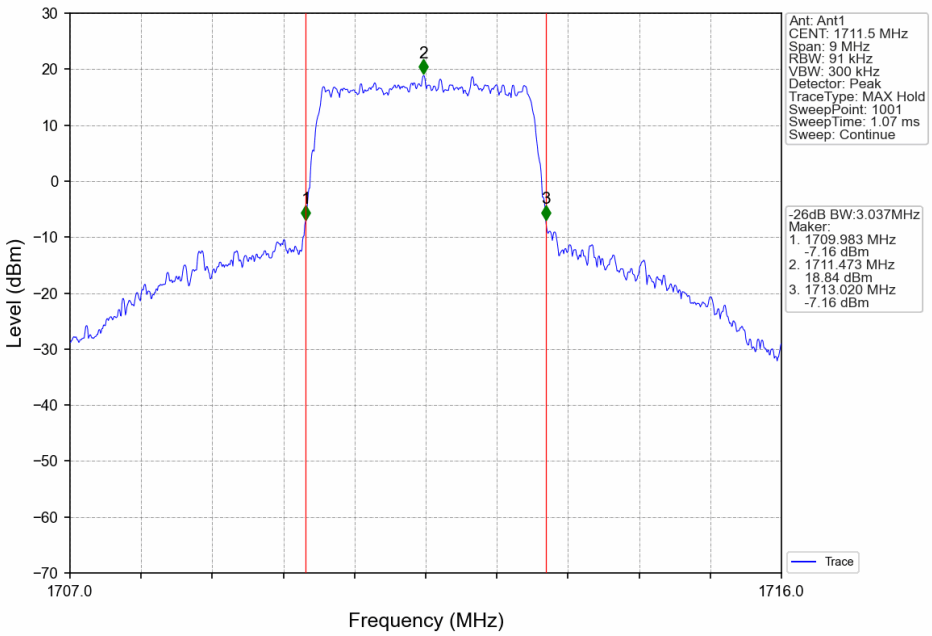
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



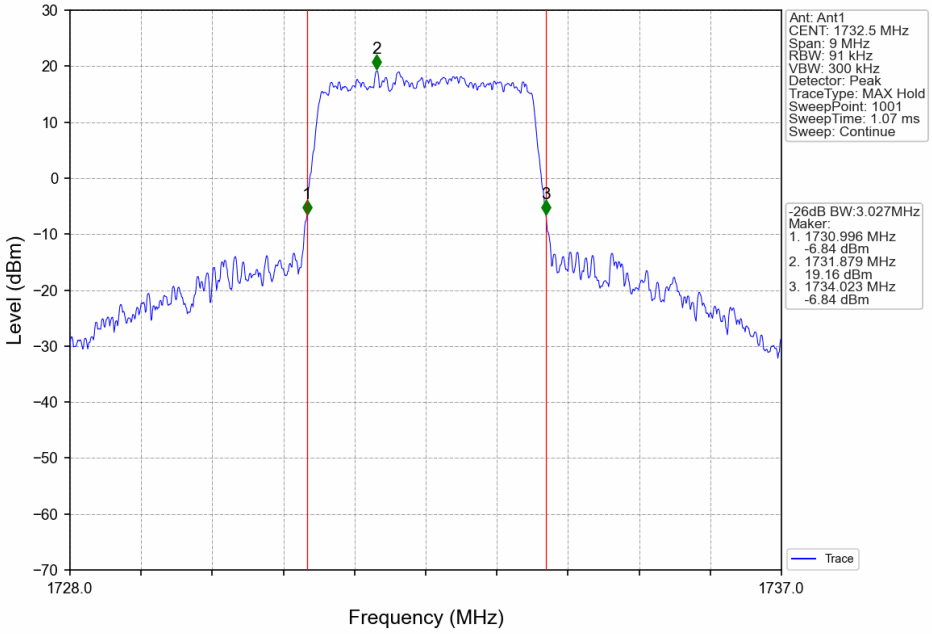
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



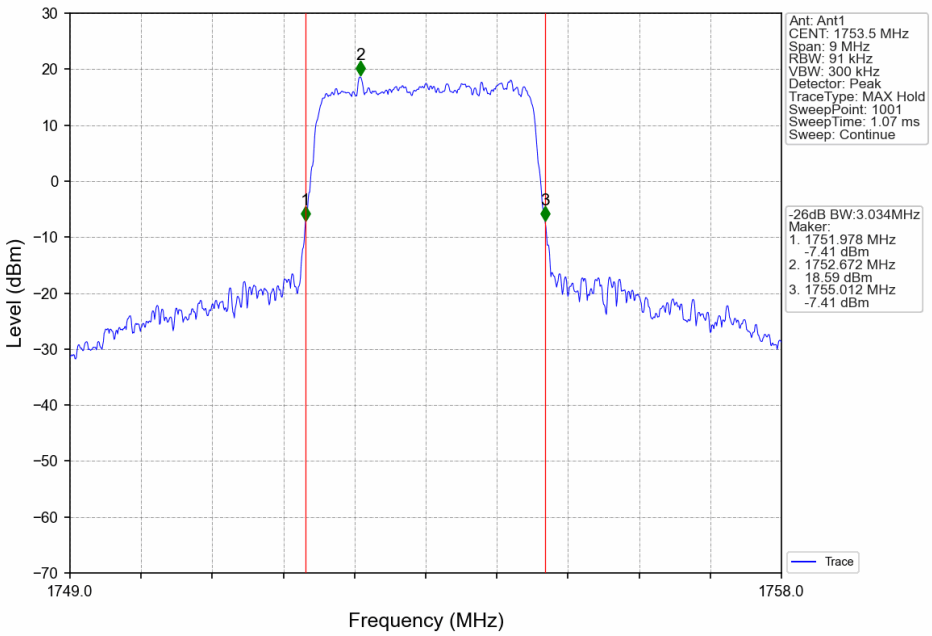
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



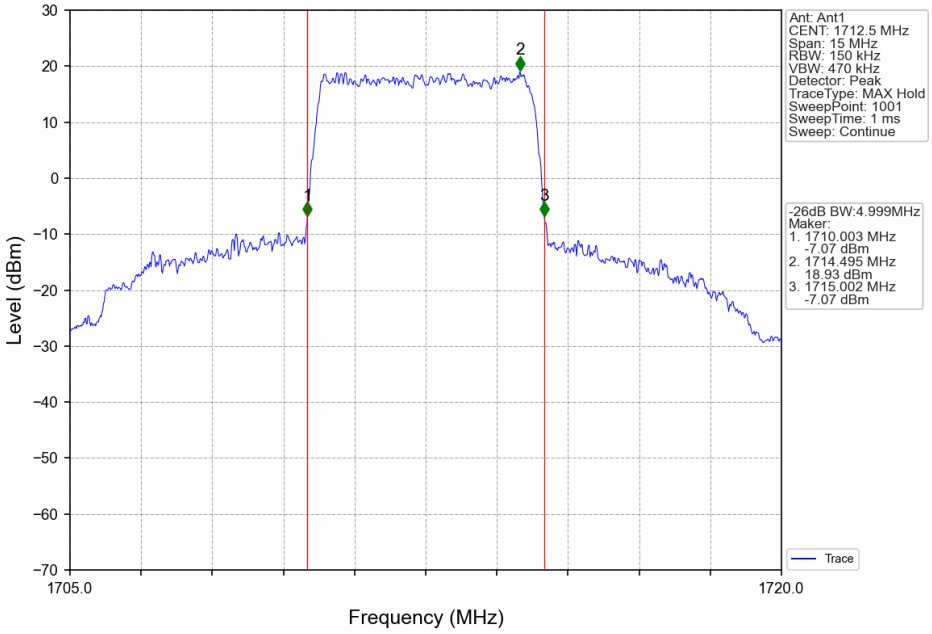
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



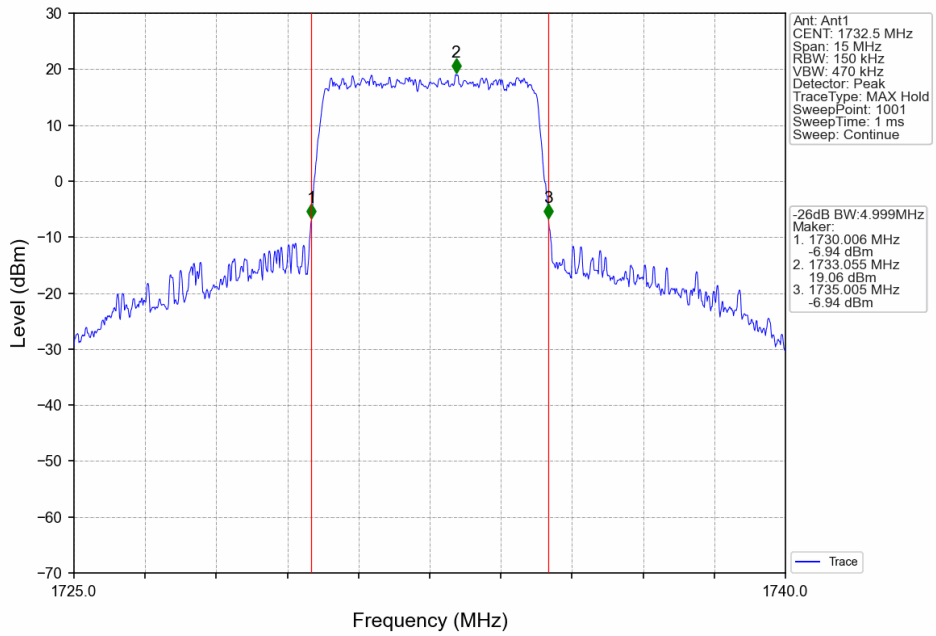
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



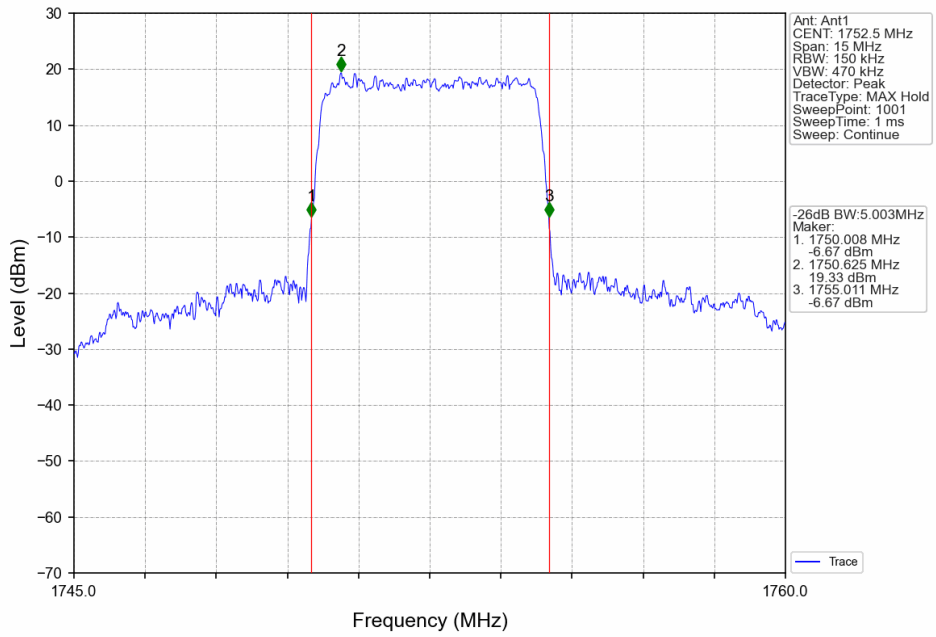
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



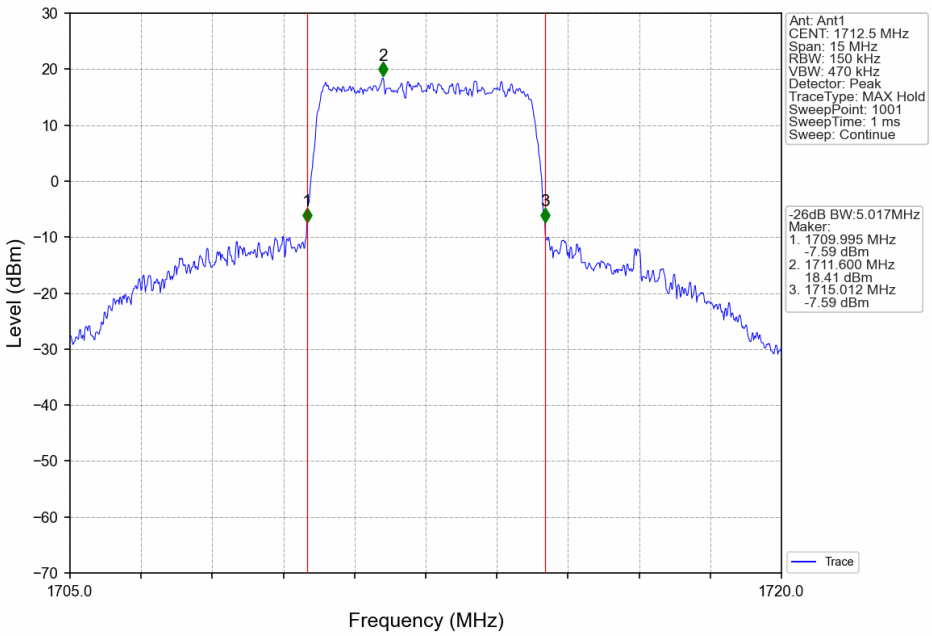
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



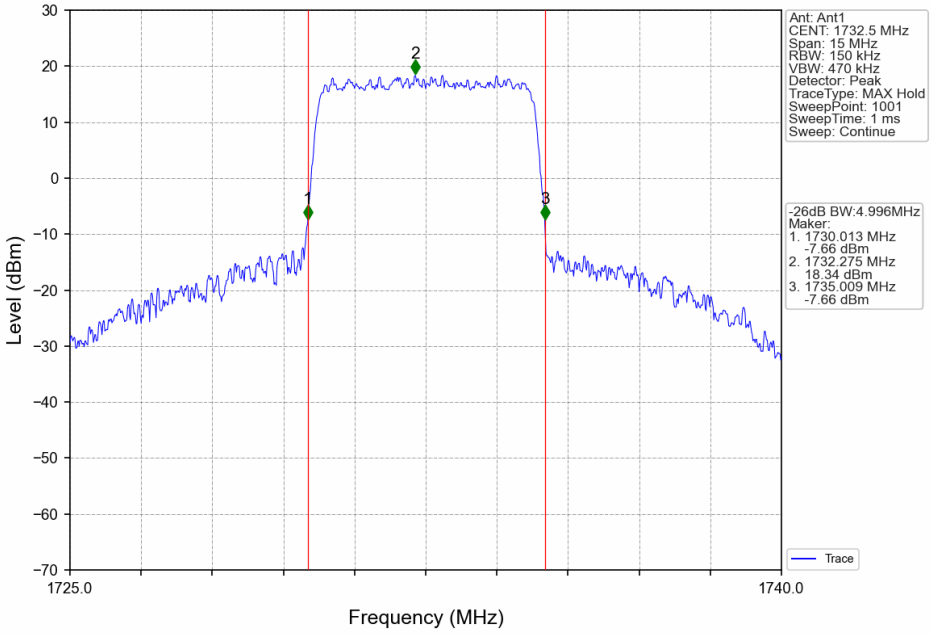
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



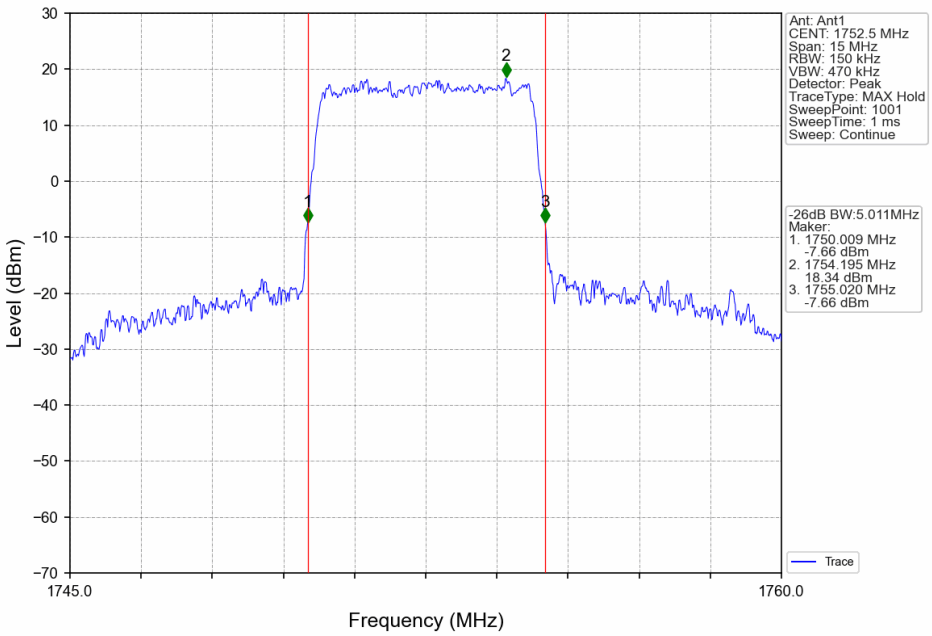
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



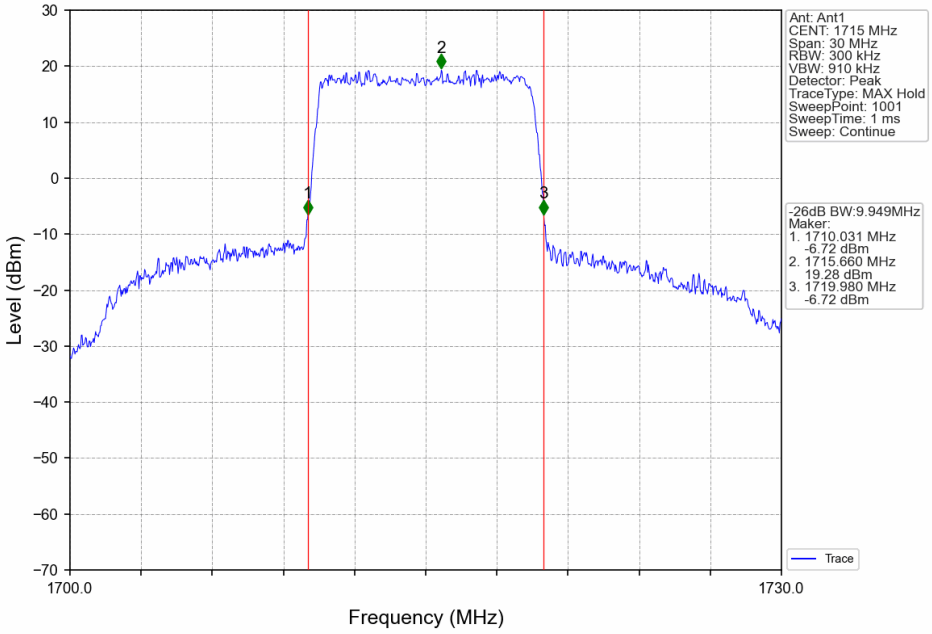
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



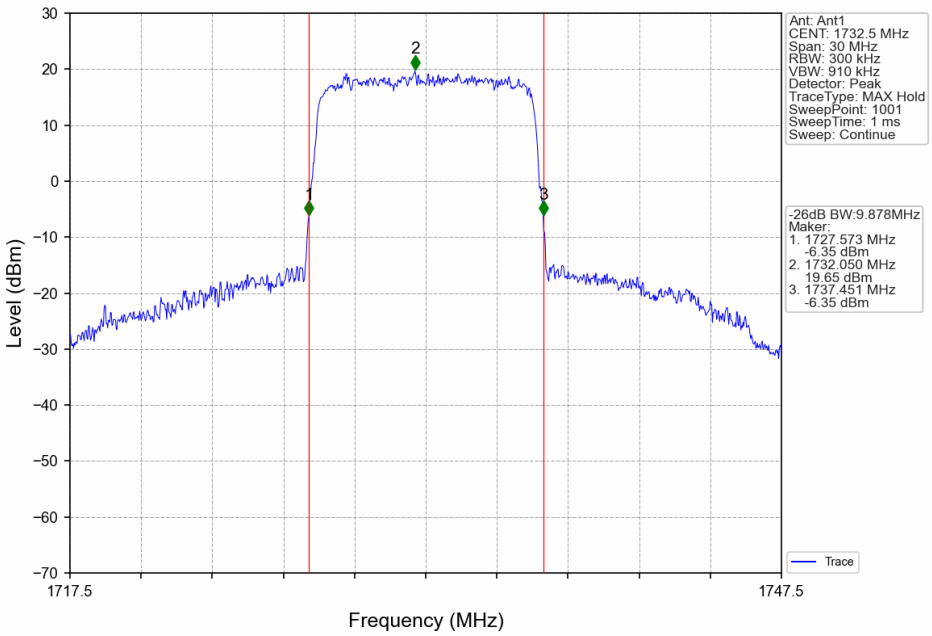
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



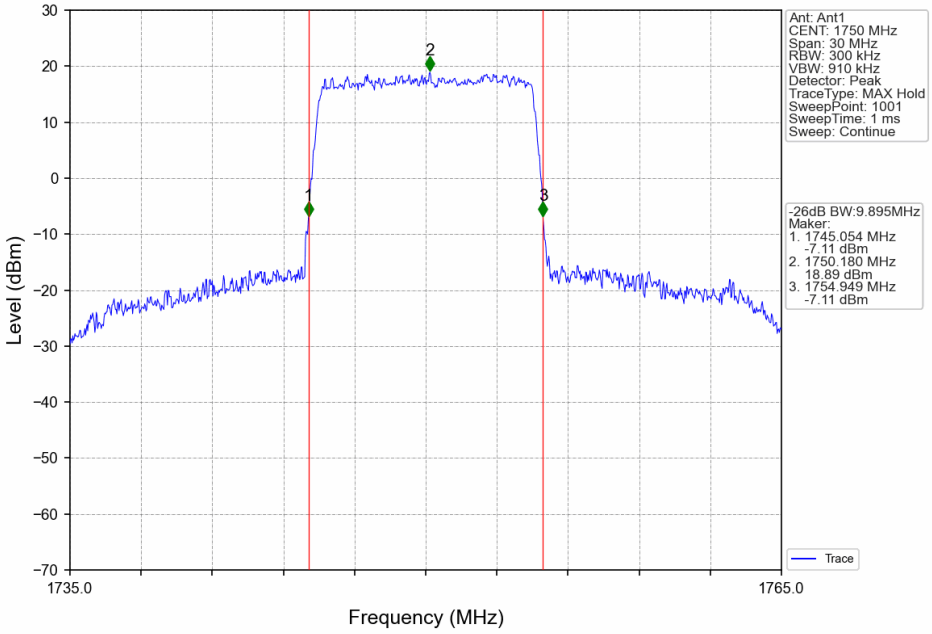
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



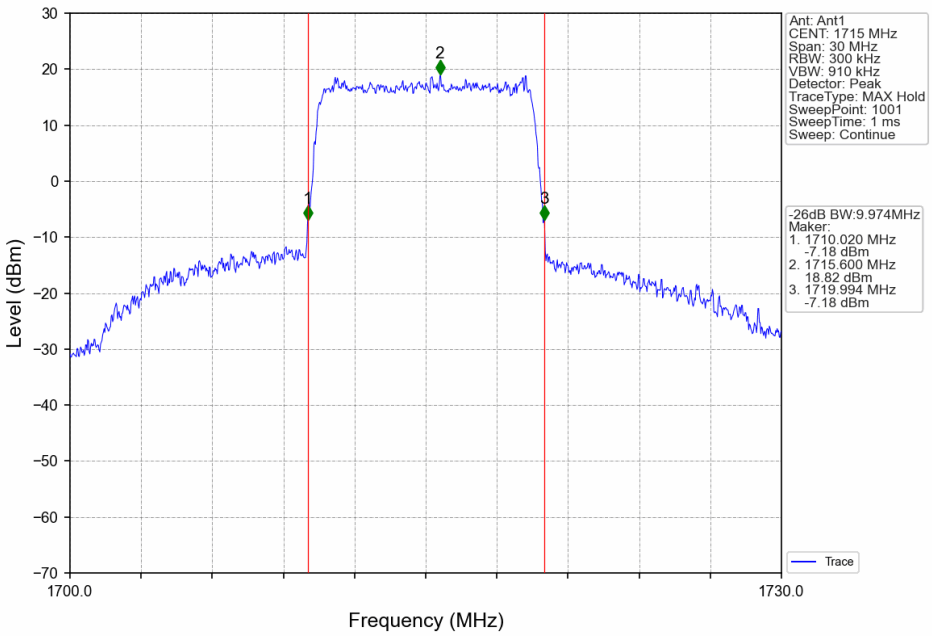
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



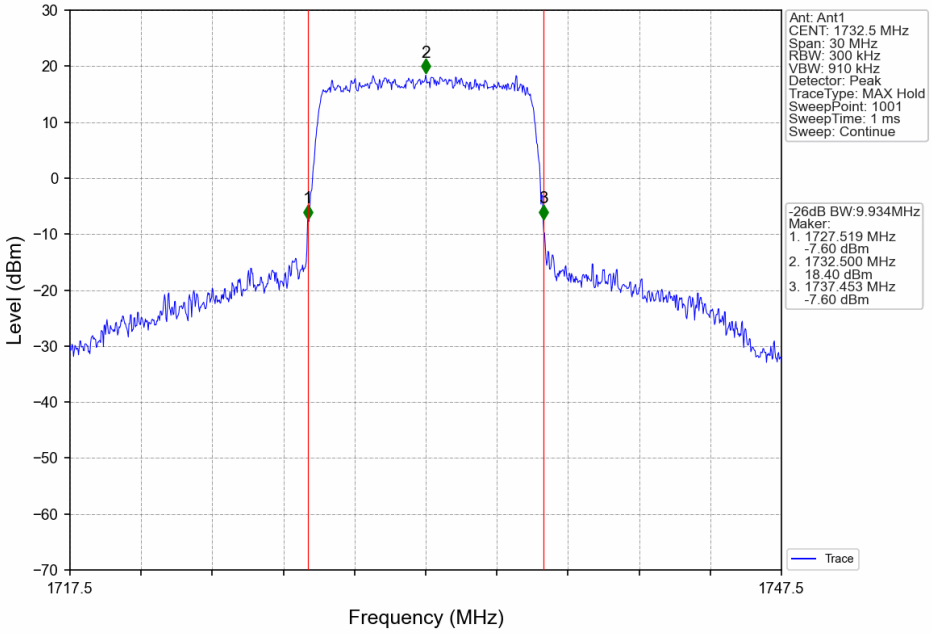
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



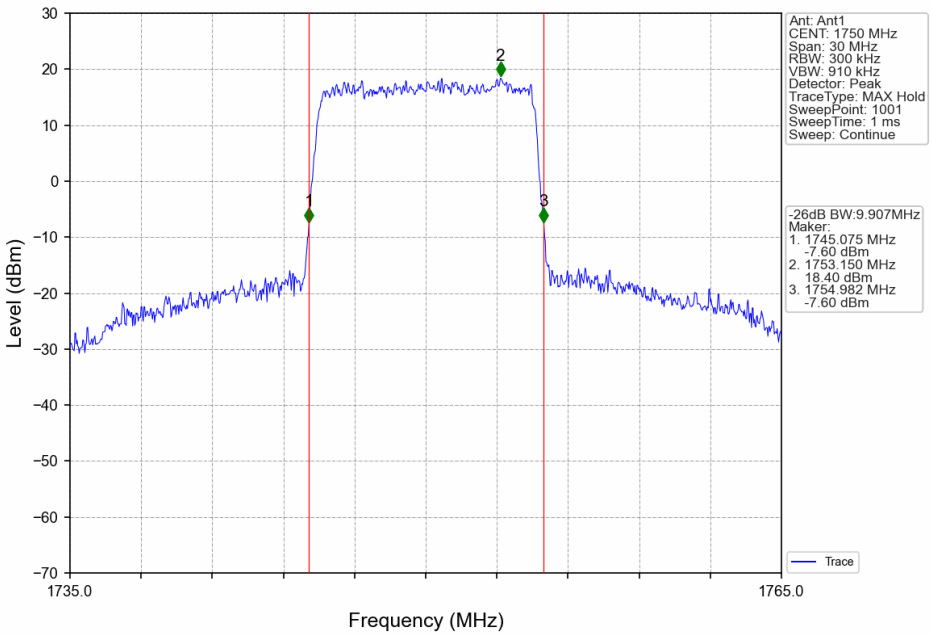
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



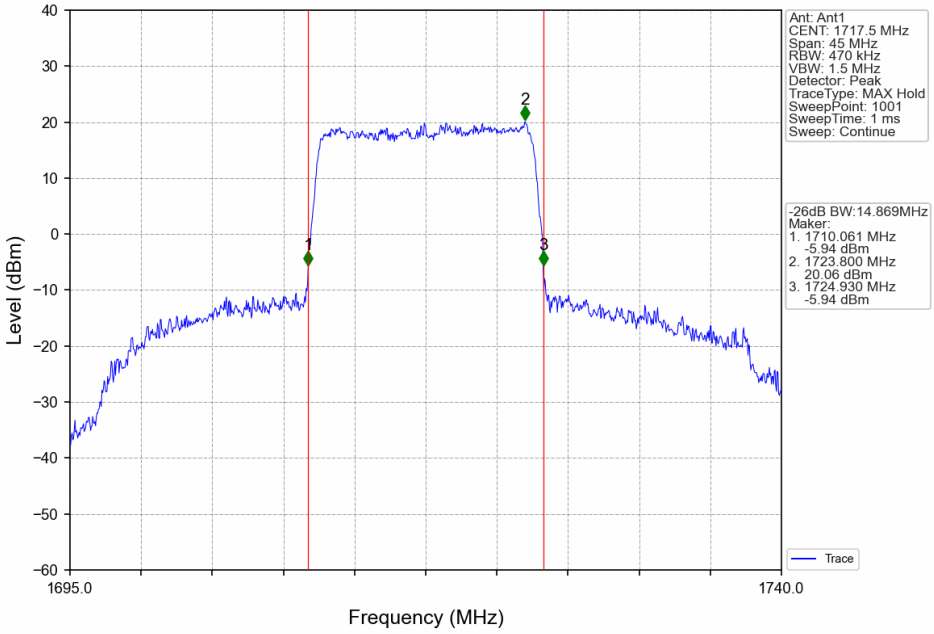
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



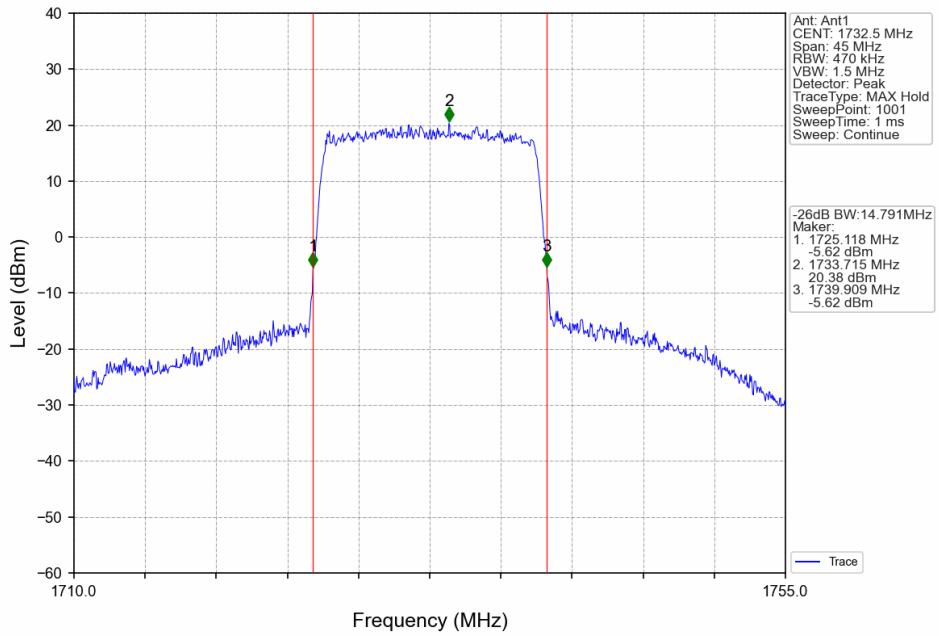
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



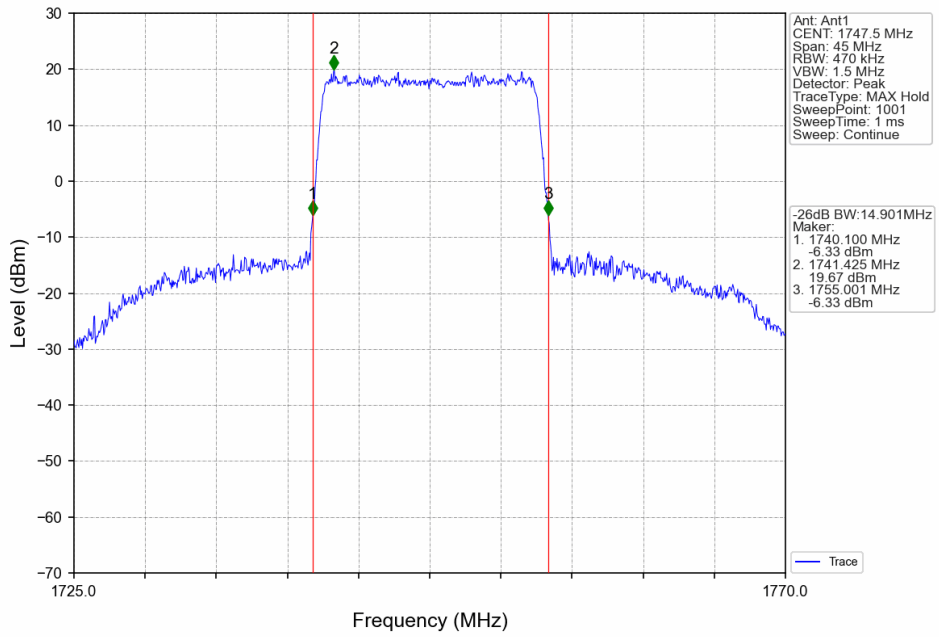
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



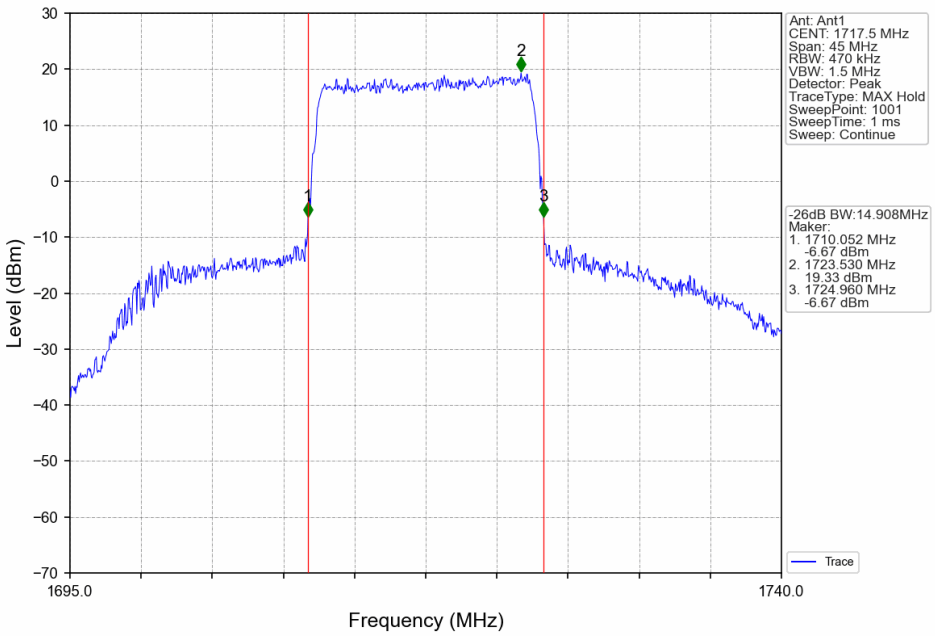
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



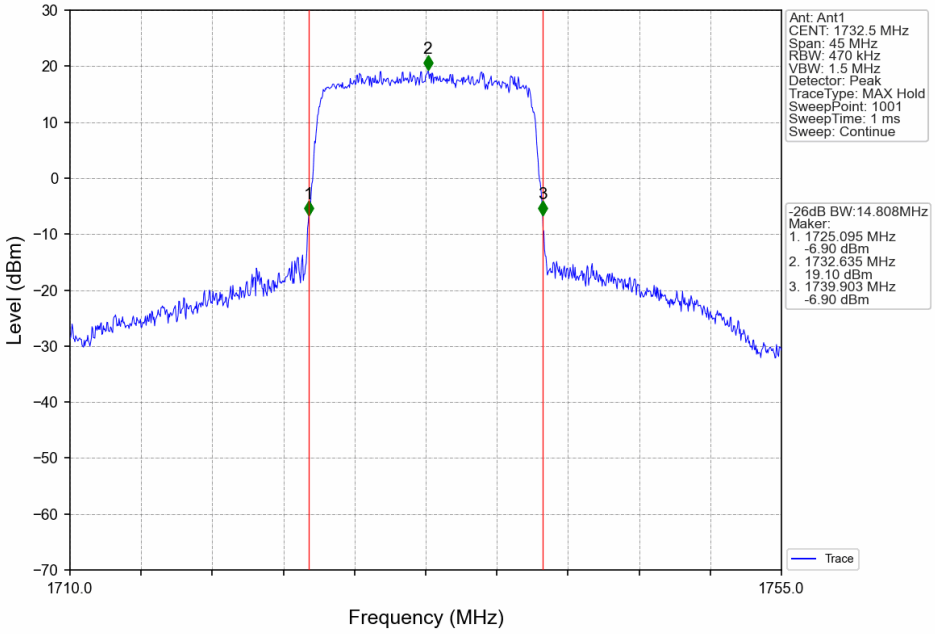
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



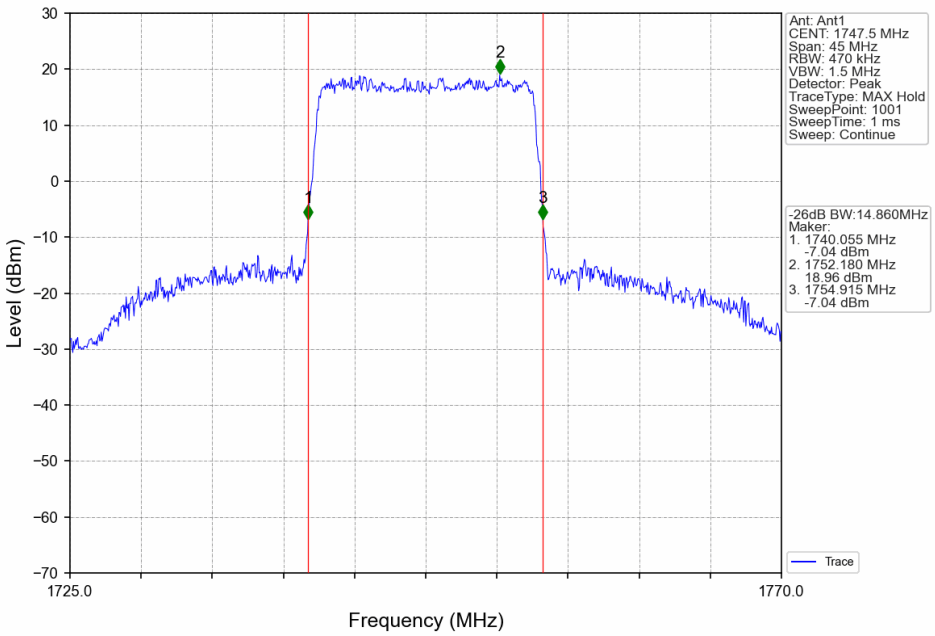
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



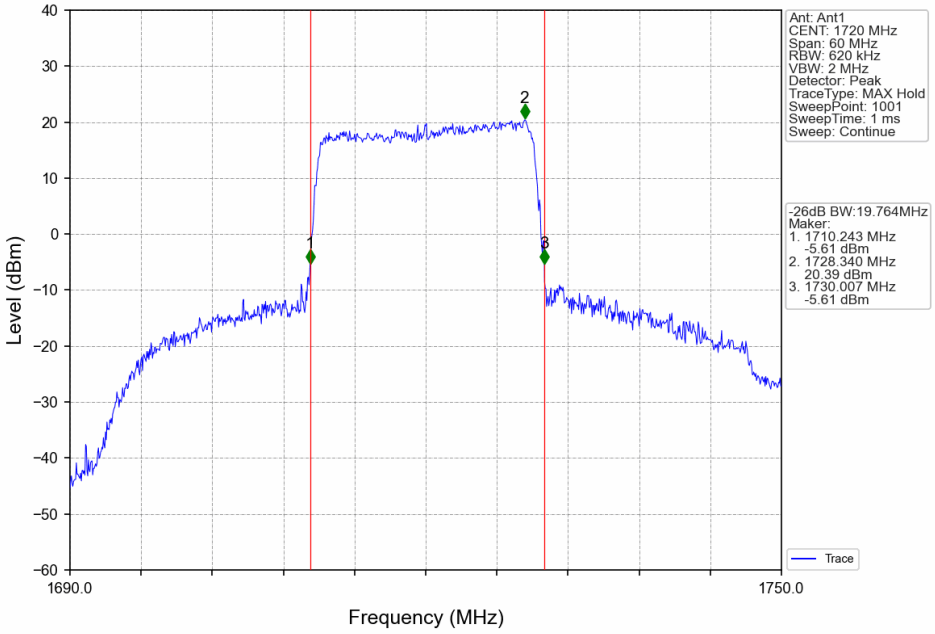
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



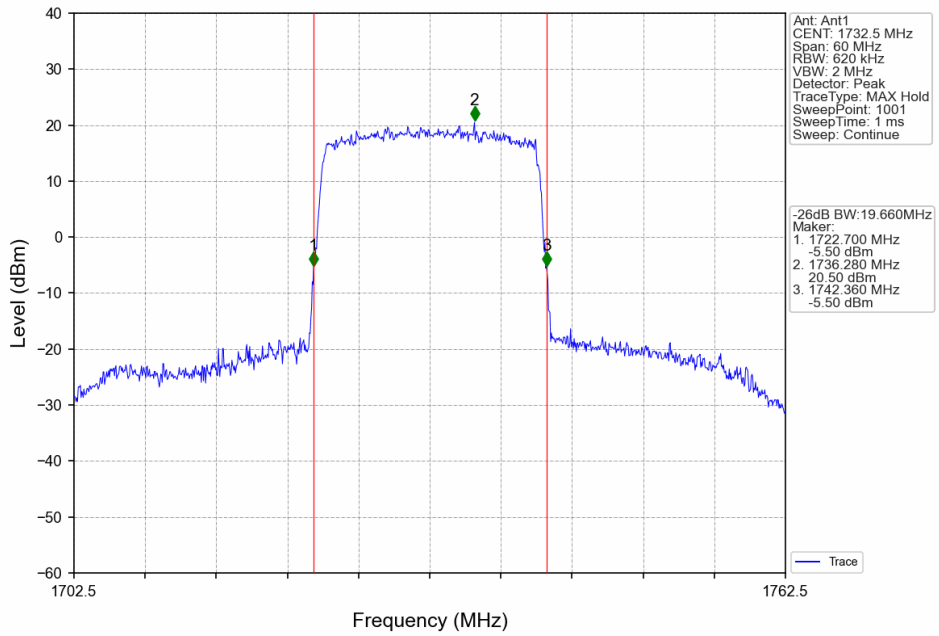
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



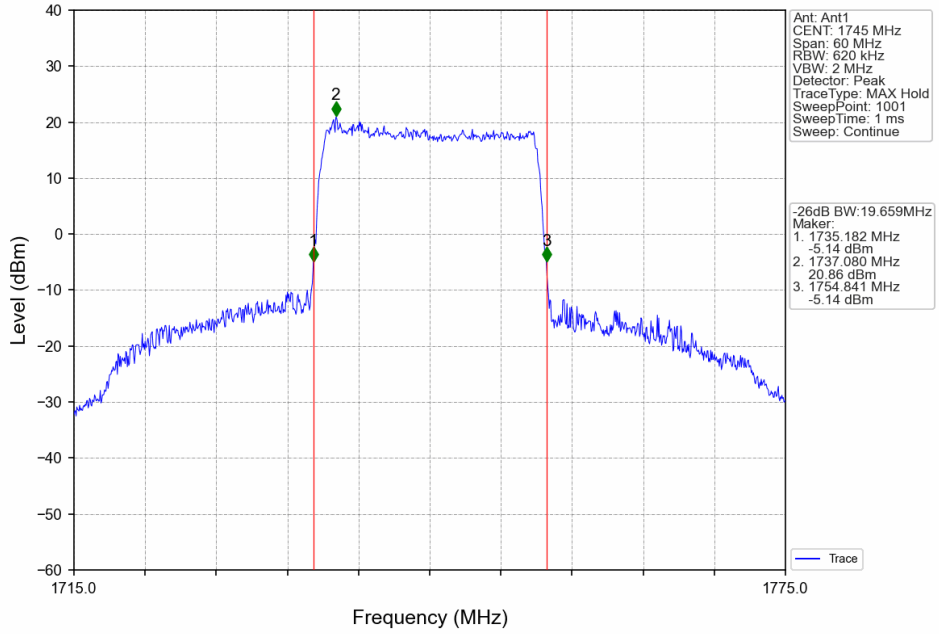
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



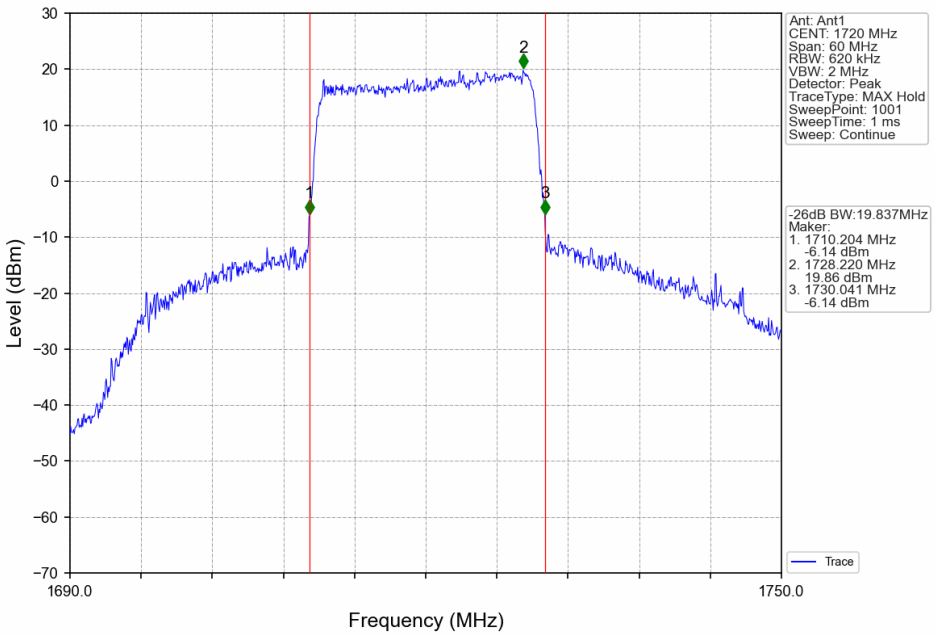
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



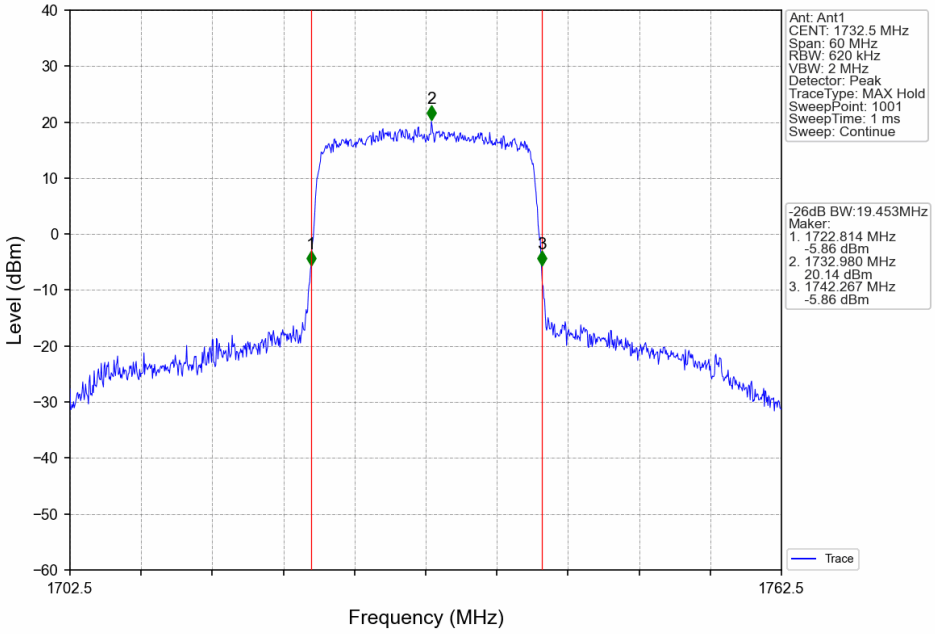
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



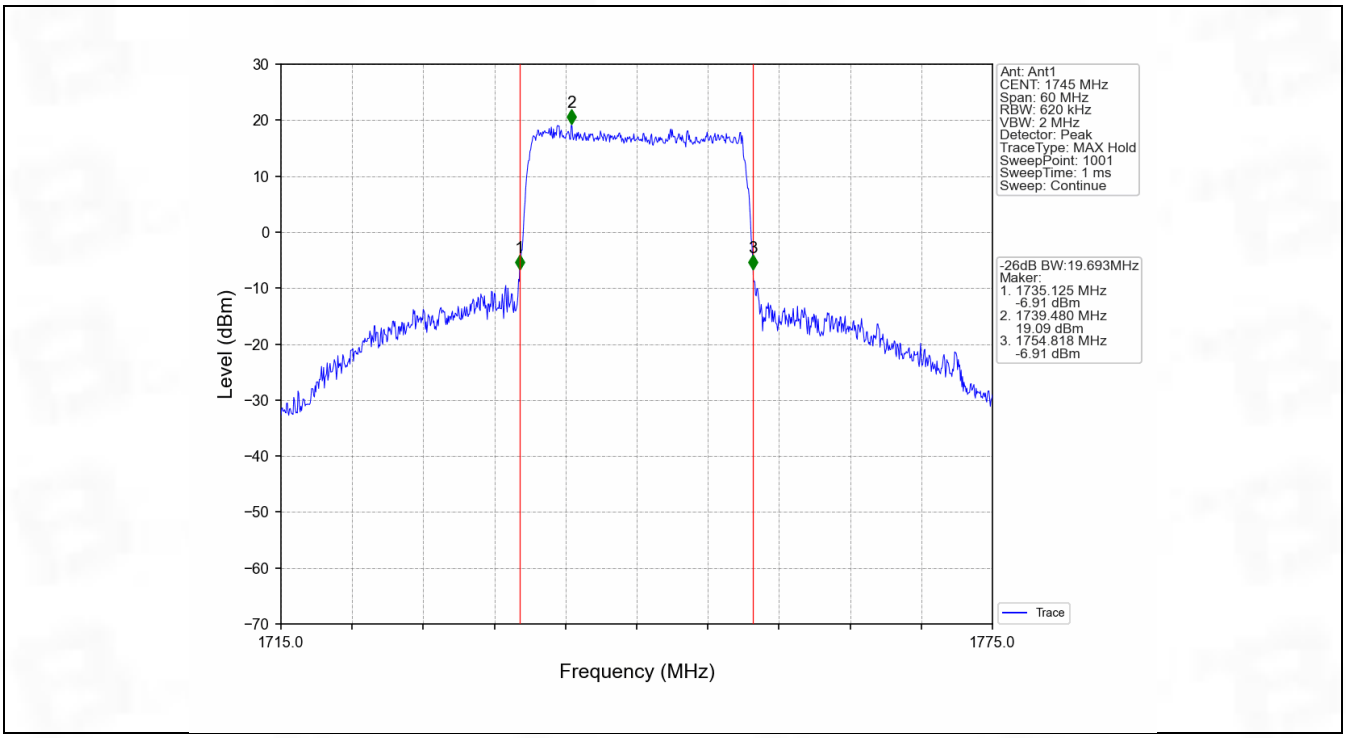
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

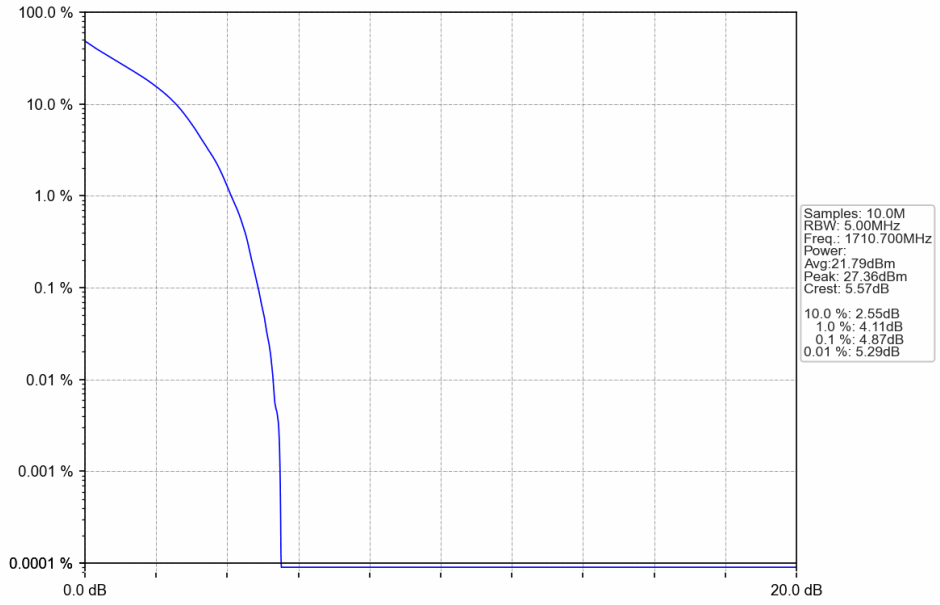
5.1 B4_1.4MHz

5.1.1 Test Result

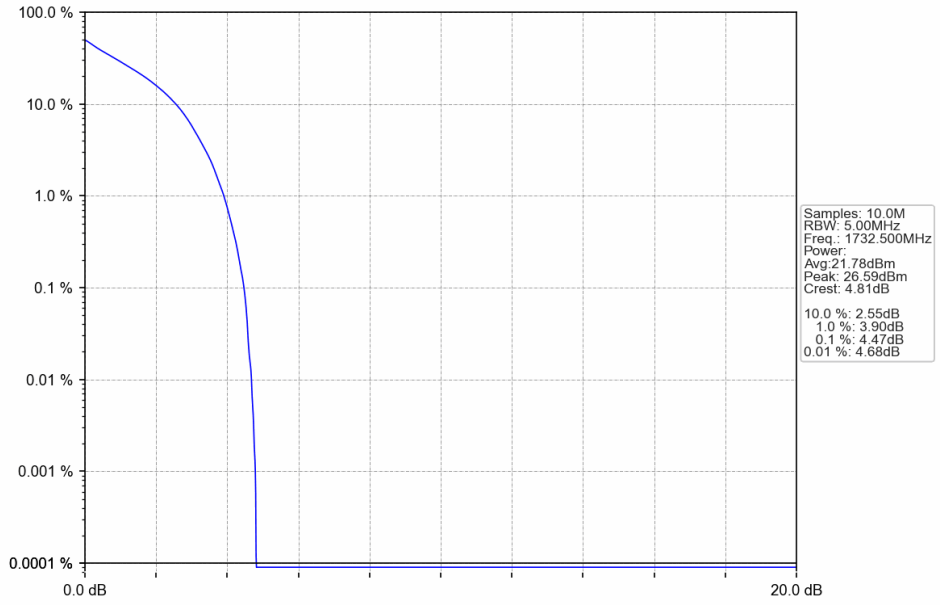
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.87	<=13	Pass
	1732.5	6	0	4.47	<=13	Pass
	1754.3	6	0	4.81	<=13	Pass
16QAM	1710.7	6	0	5.65	<=13	Pass
	1732.5	6	0	5.22	<=13	Pass
	1754.3	6	0	5.61	<=13	Pass

5.1.2 Test Graph

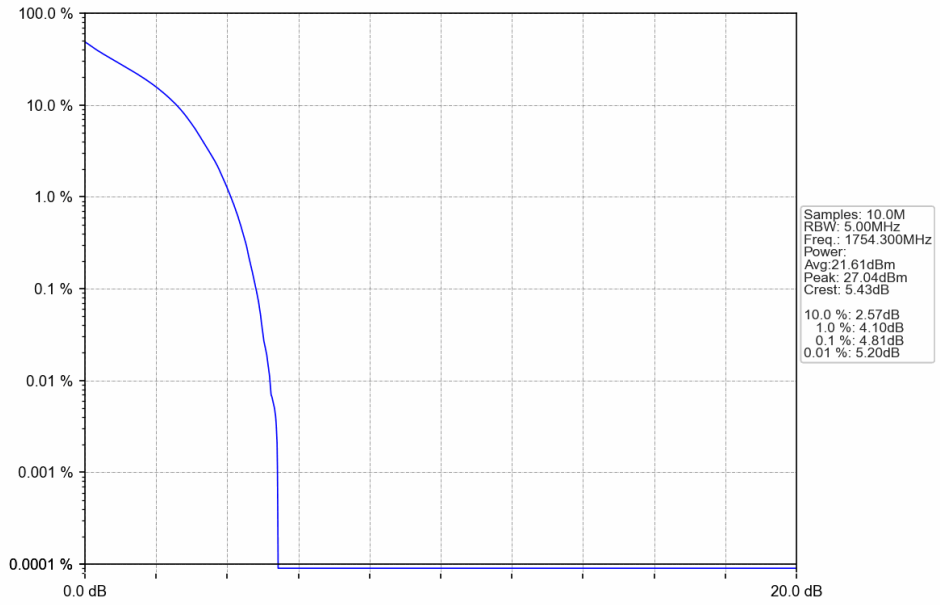
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



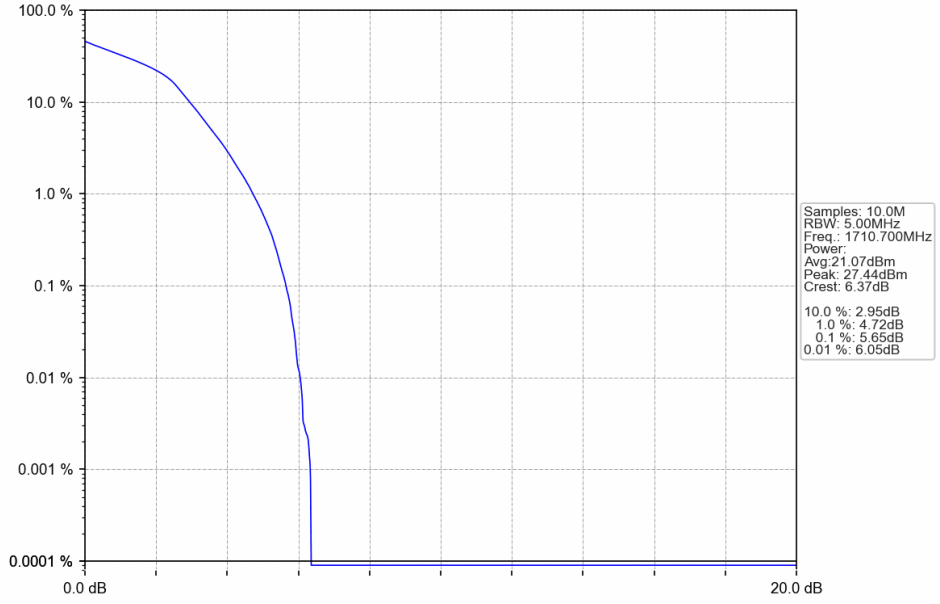
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



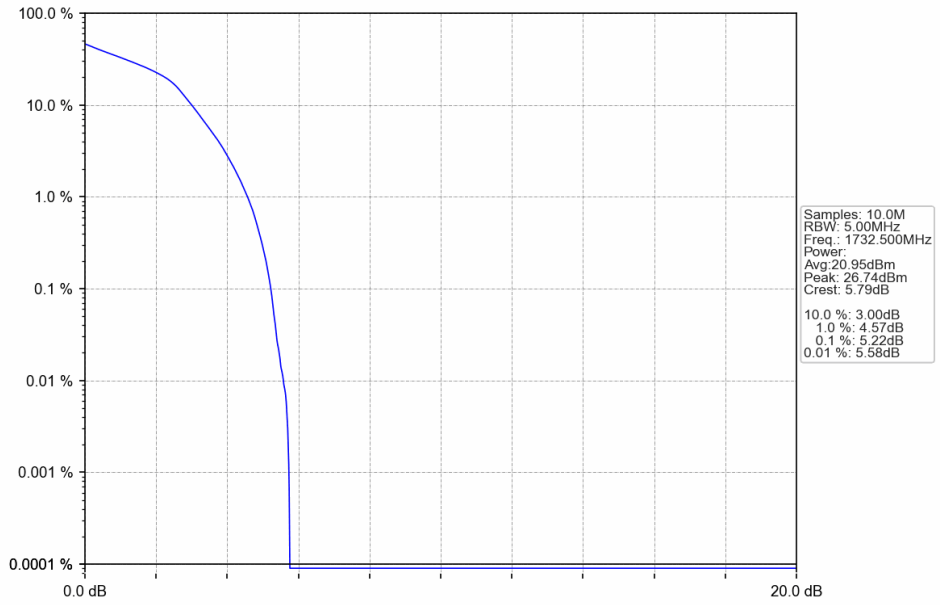
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



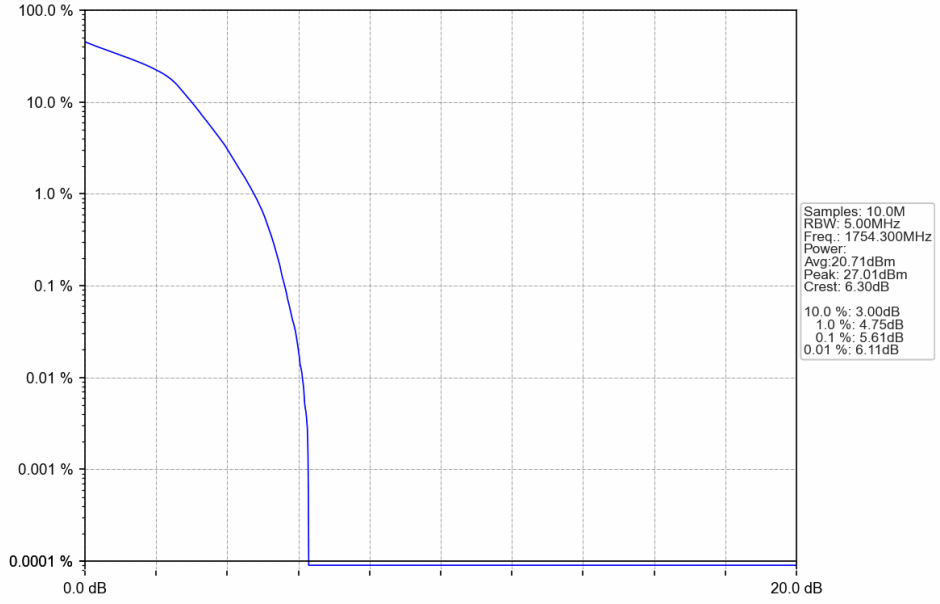
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



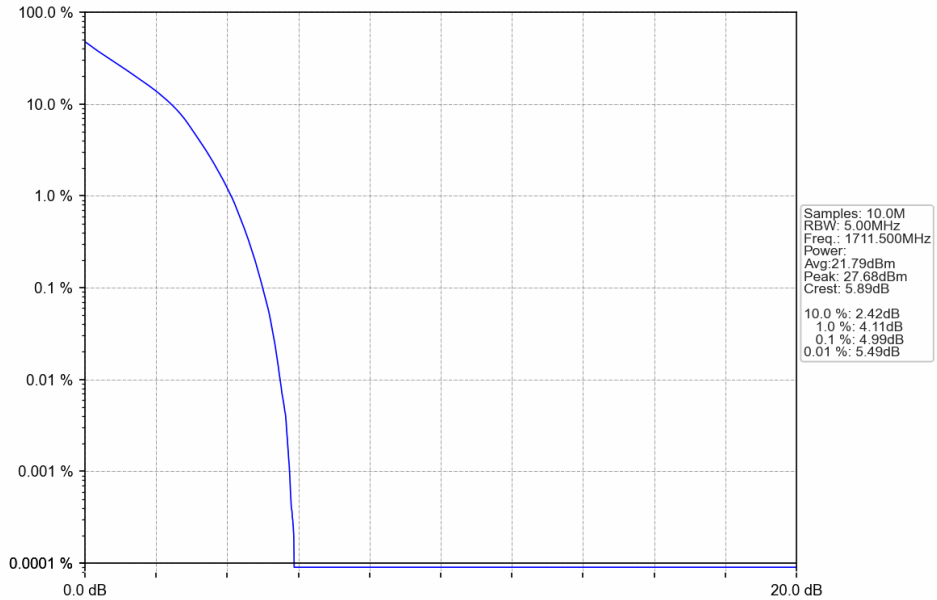
5.2 B4_3MHz

5.2.1 Test Result

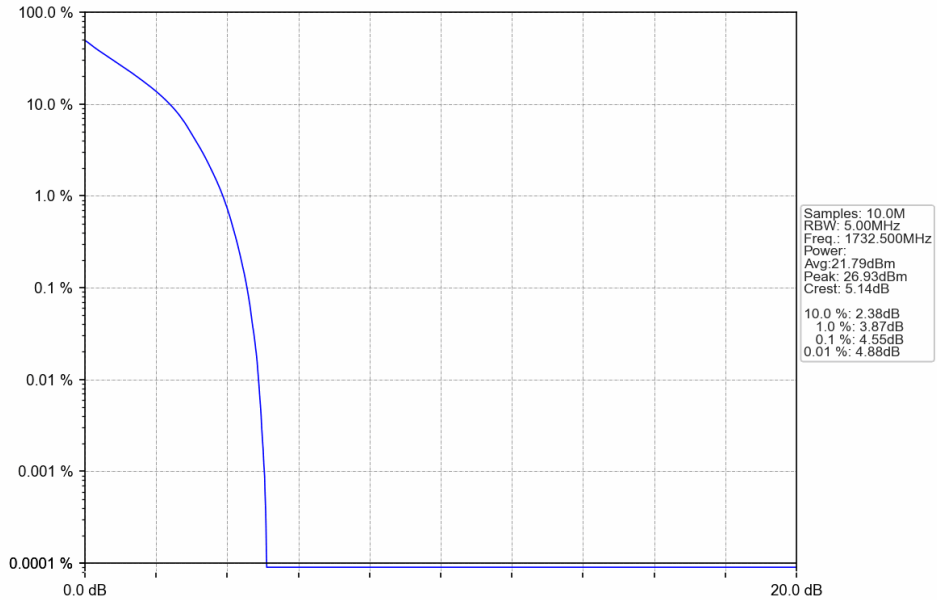
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.99	<=13	Pass
	1732.5	15	0	4.55	<=13	Pass
	1753.5	15	0	4.91	<=13	Pass
16QAM	1711.5	15	0	5.81	<=13	Pass
	1732.5	15	0	5.35	<=13	Pass
	1753.5	15	0	5.75	<=13	Pass

5.2.2 Test Graph

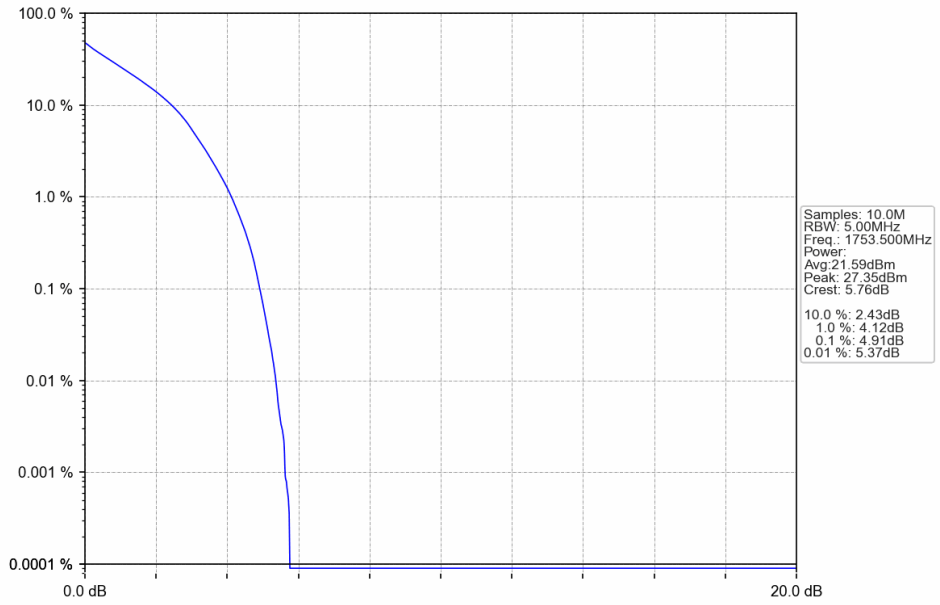
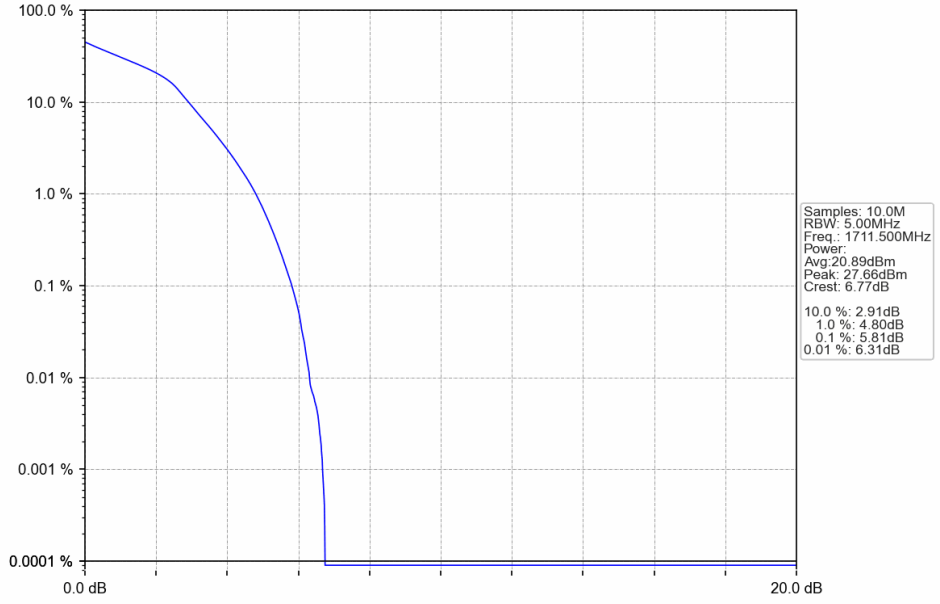
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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