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	17.71	0.22	17.93	<=30	Pass
			2	17.76	0.22	17.98	<=30	Pass
			5	17.59	0.22	17.81	<=30	Pass
		3	0	17.76	0.22	17.98	<=30	Pass
			2	17.72	0.22	17.94	<=30	Pass
			3	17.66	0.22	17.88	<=30	Pass
		6	0	16.74	0.22	16.96	<=30	Pass
	1732.5	1	0	14.33	0.22	14.55	<=30	Pass
			2	14.46	0.22	14.68	<=30	Pass
			5	14.22	0.22	14.44	<=30	Pass
		3	0	14.39	0.22	14.61	<=30	Pass
			2	14.29	0.22	14.51	<=30	Pass
			3	14.37	0.22	14.59	<=30	Pass
		6	0	13.33	0.22	13.55	<=30	Pass
	1754.3	1	0	11.41	0.22	11.63	<=30	Pass
			2	11.47	0.22	11.69	<=30	Pass
			5	11.39	0.22	11.61	<=30	Pass
		3	0	11.47	0.22	11.69	<=30	Pass
			2	11.49	0.22	11.71	<=30	Pass
			3	11.43	0.22	11.65	<=30	Pass
		6	0	10.50	0.22	10.72	<=30	Pass
16QAM	1710.7	1	0	16.64	0.22	16.86	<=30	Pass
			2	16.68	0.22	16.90	<=30	Pass
			5	16.51	0.22	16.73	<=30	Pass
		3	0	16.87	0.22	17.09	<=30	Pass
			2	16.89	0.22	17.11	<=30	Pass
			3	16.86	0.22	17.08	<=30	Pass
		6	0	15.67	0.22	15.89	<=30	Pass
	1732.5	1	0	13.34	0.22	13.56	<=30	Pass
			2	13.39	0.22	13.61	<=30	Pass
			5	13.23	0.22	13.45	<=30	Pass
		3	0	13.40	0.22	13.62	<=30	Pass
			2	13.40	0.22	13.62	<=30	Pass
			3	13.37	0.22	13.59	<=30	Pass
		6	0	12.34	0.22	12.56	<=30	Pass
	1754.3	1	0	10.33	0.22	10.55	<=30	Pass
			2	10.42	0.22	10.64	<=30	Pass
			5	10.12	0.22	10.34	<=30	Pass
		3	0	10.20	0.22	10.42	<=30	Pass
			2	10.18	0.22	10.40	<=30	Pass
			3	10.13	0.22	10.35	<=30	Pass
		6	0	8.92	0.22	9.14	<=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	17.81	0.22	18.03	<=30	Pass
			7	17.76	0.22	17.98	<=30	Pass
			14	17.44	0.22	17.66	<=30	Pass
		8	0	16.68	0.22	16.90	<=30	Pass
			4	16.62	0.22	16.84	<=30	Pass
			7	16.51	0.22	16.73	<=30	Pass
		15	0	16.56	0.22	16.78	<=30	Pass
	1732.5	1	0	14.01	0.22	14.23	<=30	Pass
			7	13.94	0.22	14.16	<=30	Pass
			14	13.55	0.22	13.77	<=30	Pass
		8	0	12.91	0.22	13.13	<=30	Pass
			4	12.83	0.22	13.05	<=30	Pass
			7	12.73	0.22	12.95	<=30	Pass
		15	0	12.81	0.22	13.03	<=30	Pass
	1753.5	1	0	11.10	0.22	11.32	<=30	Pass
			7	11.14	0.22	11.36	<=30	Pass
			14	10.97	0.22	11.19	<=30	Pass
		8	0	10.02	0.22	10.24	<=30	Pass
			4	10.01	0.22	10.23	<=30	Pass
			7	9.94	0.22	10.16	<=30	Pass
		15	0	9.97	0.22	10.19	<=30	Pass
16QAM	1711.5	1	0	16.69	0.22	16.91	<=30	Pass
			7	16.68	0.22	16.90	<=30	Pass
			14	16.39	0.22	16.61	<=30	Pass
		8	0	15.69	0.22	15.91	<=30	Pass
			4	15.61	0.22	15.83	<=30	Pass
			7	15.44	0.22	15.66	<=30	Pass
		15	0	15.30	0.22	15.52	<=30	Pass
	1732.5	1	0	13.19	0.22	13.41	<=30	Pass
			7	13.10	0.22	13.32	<=30	Pass
			14	12.77	0.22	12.99	<=30	Pass
		8	0	12.07	0.22	12.29	<=30	Pass
			4	11.99	0.22	12.21	<=30	Pass
			7	11.86	0.22	12.08	<=30	Pass
		15	0	11.87	0.22	12.09	<=30	Pass
	1753.5	1	0	10.06	0.22	10.28	<=30	Pass
			7	10.08	0.22	10.30	<=30	Pass
			14	9.92	0.22	10.14	<=30	Pass
		8	0	9.05	0.22	9.27	<=30	Pass
			4	9.06	0.22	9.28	<=30	Pass
			7	8.99	0.22	9.21	<=30	Pass
		15	0	9.00	0.22	9.22	<=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	17.29	0.22	17.51	<=30	Pass
			13	16.94	0.22	17.16	<=30	Pass
			24	16.58	0.22	16.80	<=30	Pass
		12	0	16.06	0.22	16.28	<=30	Pass
			6	15.94	0.22	16.16	<=30	Pass
			13	15.71	0.22	15.93	<=30	Pass
		25	0	15.92	0.22	16.14	<=30	Pass
	1732.5	1	0	14.06	0.22	14.28	<=30	Pass
			13	13.80	0.22	14.02	<=30	Pass
			24	13.38	0.22	13.60	<=30	Pass
		12	0	12.94	0.22	13.16	<=30	Pass
			6	12.85	0.22	13.07	<=30	Pass
			13	12.60	0.22	12.82	<=30	Pass
		25	0	12.83	0.22	13.05	<=30	Pass
	1752.5	1	0	11.12	0.22	11.34	<=30	Pass
			13	11.02	0.22	11.24	<=30	Pass
			24	10.84	0.22	11.06	<=30	Pass
		12	0	10.07	0.22	10.29	<=30	Pass
			6	10.03	0.22	10.25	<=30	Pass
			13	9.93	0.22	10.15	<=30	Pass
		25	0	10.01	0.22	10.23	<=30	Pass
16QAM	1712.5	1	0	16.19	0.22	16.41	<=30	Pass
			13	15.96	0.22	16.18	<=30	Pass
			24	15.64	0.22	15.86	<=30	Pass
		12	0	15.05	0.22	15.27	<=30	Pass
			6	14.98	0.22	15.20	<=30	Pass
			13	14.73	0.22	14.95	<=30	Pass
		25	0	14.93	0.22	15.15	<=30	Pass
	1732.5	1	0	13.35	0.22	13.57	<=30	Pass
			13	13.08	0.22	13.30	<=30	Pass
			24	12.71	0.22	12.93	<=30	Pass
		12	0	12.03	0.22	12.25	<=30	Pass
			6	11.93	0.22	12.15	<=30	Pass
			13	11.72	0.22	11.94	<=30	Pass
		25	0	11.84	0.22	12.06	<=30	Pass
	1752.5	1	0	9.93	0.22	10.15	<=30	Pass
			13	9.85	0.22	10.07	<=30	Pass
			24	9.71	0.22	9.93	<=30	Pass
		12	0	9.08	0.22	9.30	<=30	Pass
			6	9.05	0.22	9.27	<=30	Pass
			13	8.96	0.22	9.18	<=30	Pass
		25	0	9.03	0.22	9.25	<=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	17.22	0.22	17.44	<=30	Pass
			25	16.75	0.22	16.97	<=30	Pass
			49	15.89	0.22	16.11	<=30	Pass
		25	0	15.98	0.22	16.20	<=30	Pass
			13	15.61	0.22	15.83	<=30	Pass
			25	15.30	0.22	15.52	<=30	Pass
		50	0	15.67	0.22	15.89	<=30	Pass
	1732.5	1	0	14.46	0.22	14.68	<=30	Pass
			25	13.91	0.22	14.13	<=30	Pass
			49	13.12	0.22	13.34	<=30	Pass
		25	0	13.18	0.22	13.40	<=30	Pass
			13	12.86	0.22	13.08	<=30	Pass
			25	12.56	0.22	12.78	<=30	Pass
		50	0	12.89	0.22	13.11	<=30	Pass
	1750	1	0	11.77	0.22	11.99	<=30	Pass
			25	11.35	0.22	11.57	<=30	Pass
			49	10.91	0.22	11.13	<=30	Pass
		25	0	10.47	0.22	10.69	<=30	Pass
			13	10.24	0.22	10.46	<=30	Pass
			25	10.03	0.22	10.25	<=30	Pass
		50	0	10.25	0.22	10.47	<=30	Pass
16QAM	1715	1	0	16.18	0.22	16.40	<=30	Pass
			25	15.72	0.22	15.94	<=30	Pass
			49	14.90	0.22	15.12	<=30	Pass
		25	0	15.04	0.22	15.26	<=30	Pass
			13	14.69	0.22	14.91	<=30	Pass
			25	14.40	0.22	14.62	<=30	Pass
		50	0	14.70	0.22	14.92	<=30	Pass
	1732.5	1	0	13.65	0.22	13.87	<=30	Pass
			25	13.15	0.22	13.37	<=30	Pass
			49	12.29	0.22	12.51	<=30	Pass
		25	0	12.20	0.22	12.42	<=30	Pass
			13	11.88	0.22	12.10	<=30	Pass
			25	11.57	0.22	11.79	<=30	Pass
		50	0	11.91	0.22	12.13	<=30	Pass
	1750	1	0	11.20	0.22	11.42	<=30	Pass
			25	10.76	0.22	10.98	<=30	Pass
			49	10.40	0.22	10.62	<=30	Pass
		25	0	9.51	0.22	9.73	<=30	Pass
			13	9.25	0.22	9.47	<=30	Pass
			25	9.08	0.22	9.30	<=30	Pass
		50	0	9.26	0.22	9.48	<=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	17.09	0.22	17.31	<=30	Pass
			38	16.21	0.22	16.43	<=30	Pass
			74	14.97	0.22	15.19	<=30	Pass
		36	0	15.81	0.22	16.03	<=30	Pass
			18	15.32	0.22	15.54	<=30	Pass
			39	14.66	0.22	14.88	<=30	Pass
		75	0	15.33	0.22	15.55	<=30	Pass
	1732.5	1	0	14.73	0.22	14.95	<=30	Pass
			38	13.79	0.22	14.01	<=30	Pass
			74	12.70	0.22	12.92	<=30	Pass
		36	0	13.36	0.22	13.58	<=30	Pass
			18	12.92	0.22	13.14	<=30	Pass
			39	12.35	0.22	12.57	<=30	Pass
		75	0	12.89	0.22	13.11	<=30	Pass
	1747.5	1	0	12.43	0.22	12.65	<=30	Pass
			38	11.55	0.22	11.77	<=30	Pass
			74	10.86	0.22	11.08	<=30	Pass
		36	0	11.35	0.22	11.57	<=30	Pass
			18	11.79	0.22	12.01	<=30	Pass
			39	10.40	0.22	10.62	<=30	Pass
		75	0	10.72	0.22	10.94	<=30	Pass
16QAM	1717.5	1	0	16.34	0.22	16.56	<=30	Pass
			38	15.60	0.22	15.82	<=30	Pass
			74	14.44	0.22	14.66	<=30	Pass
		36	0	14.84	0.22	15.06	<=30	Pass
			18	14.33	0.22	14.55	<=30	Pass
			39	13.68	0.22	13.90	<=30	Pass
		75	0	14.29	0.22	14.51	<=30	Pass
	1732.5	1	0	13.96	0.22	14.18	<=30	Pass
			38	12.99	0.22	13.21	<=30	Pass
			74	11.86	0.22	12.08	<=30	Pass
		36	0	12.40	0.22	12.62	<=30	Pass
			18	11.95	0.22	12.17	<=30	Pass
			39	11.37	0.22	11.59	<=30	Pass
		75	0	11.90	0.22	12.12	<=30	Pass
	1747.5	1	0	12.55	0.22	12.77	<=30	Pass
			38	11.53	0.22	11.75	<=30	Pass
			74	10.89	0.22	11.11	<=30	Pass
		36	0	10.67	0.22	10.89	<=30	Pass
			18	10.26	0.22	10.48	<=30	Pass
			39	9.81	0.22	10.03	<=30	Pass
		75	0	10.24	0.22	10.46	<=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	17.42	0.22	17.64	<=30	Pass
			50	16.01	0.22	16.23	<=30	Pass
			99	14.70	0.22	14.92	<=30	Pass
		50	0	15.72	0.22	15.94	<=30	Pass
			25	14.99	0.22	15.21	<=30	Pass
			50	14.26	0.22	14.48	<=30	Pass
		100	0	15.09	0.22	15.31	<=30	Pass
	1732.5	1	0	15.05	0.22	15.27	<=30	Pass
			50	14.06	0.22	14.28	<=30	Pass
			99	12.31	0.22	12.53	<=30	Pass
		50	0	13.56	0.22	13.78	<=30	Pass
			25	12.92	0.22	13.14	<=30	Pass
			50	12.27	0.22	12.49	<=30	Pass
		100	0	12.92	0.22	13.14	<=30	Pass
	1745	1	0	13.05	0.22	13.27	<=30	Pass
			50	12.09	0.22	12.31	<=30	Pass
			99	10.77	0.22	10.99	<=30	Pass
		50	0	11.61	0.22	11.83	<=30	Pass
			25	10.97	0.22	11.19	<=30	Pass
			50	10.40	0.22	10.62	<=30	Pass
		100	0	11.03	0.22	11.25	<=30	Pass
16QAM	1720	1	0	16.43	0.22	16.65	<=30	Pass
			50	15.53	0.22	15.75	<=30	Pass
			99	13.76	0.22	13.98	<=30	Pass
		50	0	14.70	0.22	14.92	<=30	Pass
			25	13.98	0.22	14.20	<=30	Pass
			50	13.22	0.22	13.44	<=30	Pass
		100	0	14.06	0.22	14.28	<=30	Pass
	1732.5	1	0	14.28	0.22	14.50	<=30	Pass
			50	13.20	0.22	13.42	<=30	Pass
			99	11.44	0.22	11.66	<=30	Pass
		50	0	12.53	0.22	12.75	<=30	Pass
			25	11.93	0.22	12.15	<=30	Pass
			50	11.25	0.22	11.47	<=30	Pass
		100	0	11.93	0.22	12.15	<=30	Pass
	1745	1	0	12.35	0.22	12.57	<=30	Pass
			50	11.26	0.22	11.48	<=30	Pass
			99	9.99	0.22	10.21	<=30	Pass
		50	0	10.62	0.22	10.84	<=30	Pass
			25	9.96	0.22	10.18	<=30	Pass
			50	9.38	0.22	9.60	<=30	Pass
		100	0	10.03	0.22	10.25	<=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	-18.740	-0.0110	-2.5 to 2.5	Pass
					3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-9.727	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	-9.813	-0.0057	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-7.181	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.200	-0.0058	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-9.627	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-11.601	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-11.687	-0.0068	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
					4.43	-11.029	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-16.880	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-8.368	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-11.945	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-10.285	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-13.418	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-10.142	-0.0059	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-3.476	-0.0020	-2.5 to 2.5	Pass
					3.85	-14.005	-0.0081	-2.5 to 2.5	Pass

					4.43	-12.717	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-11.673	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-9.441	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-17.209	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-13.089	-0.0076	-2.5 to 2.5	Pass
				40	3.85	21.129	0.0122	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-10.500	-0.0060	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
					4.43	-10.457	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-10.343	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-13.804	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
				10	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				30	3.85	-11.573	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-8.883	-0.0051	-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	-10.715	-0.0063	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0033	-2.5 to 2.5	Pass
					4.43	-8.726	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.794	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-1.388	-0.0008	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
					4.43	-12.417	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-9.599	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-10.643	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-11.373	-0.0066	-2.5 to 2.5	Pass
				0	3.85	33.345	0.0192	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-10.943	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-13.919	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-16.294	-0.0094	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	3.462	0.0020	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0041	-2.5 to 2.5	Pass
					4.43	-8.984	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-14.019	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	17.982	0.0103	-2.5 to 2.5	Pass

				-10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-9.212	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-8.812	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-8.011	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
					3.27	-12.889	-0.0075	-2.5 to 2.5	Pass
				20	3.85	-10.586	-0.0062	-2.5 to 2.5	Pass
					4.43	-6.866	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-12.202	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
	1711.5	15	0	-10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-10.328	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-8.912	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-12.302	-0.0072	-2.5 to 2.5	Pass
					3.27	-11.029	-0.0064	-2.5 to 2.5	Pass
				20	3.85	-11.802	-0.0068	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	23.046	0.0133	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
16QAM	1732.5	15	0	-10	3.85	-13.304	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-10.757	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-9.813	-0.0057	-2.5 to 2.5	Pass
					3.27	-12.102	-0.0069	-2.5 to 2.5	Pass
				20	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-12.302	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-12.188	-0.0070	-2.5 to 2.5	Pass
	1753.5	15	0	-10	3.85	15.635	0.0089	-2.5 to 2.5	Pass
				0	3.85	-6.394	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-8.068	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-8.740	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-9.885	-0.0056	-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	
					3.27	-10.915	-0.0064	-2.5 to 2.5	Pass
				20	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
					4.43	0.458	0.0003	-2.5 to 2.5	Pass
QPSK	1712.5	25	0	-30	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-8.168	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0035	-2.5 to 2.5	Pass

				30	3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-9.656	-0.0056	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.973	-0.0006	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	13.719	0.0079	-2.5 to 2.5	Pass
				-10	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				0	3.85	6.595	0.0038	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.011	-0.0046	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-6.337	-0.0036	-2.5 to 2.5	Pass
					3.85	-8.826	-0.0050	-2.5 to 2.5	Pass
					4.43	-6.037	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-11.072	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-12.918	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-9.384	-0.0055	-2.5 to 2.5	Pass
					3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-9.527	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-8.841	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-3.047	-0.0018	-2.5 to 2.5	Pass
					3.85	-9.627	-0.0056	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				10	3.85	12.031	0.0069	-2.5 to 2.5	Pass
				30	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	-14.062	-0.0081	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-5.636	-0.0032	-2.5 to 2.5	Pass
					3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.074	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-12.059	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass

				50	3.85	-4.506	-0.0026	-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	-8.154	-0.0048	-2.5 to 2.5	Pass
					3.85	-4.892	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.034	-0.0023	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	1.087	0.0006	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-8.540	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-8.998	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-8.426	-0.0048	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-6.881	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-8.683	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-2.789	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0008	-2.5 to 2.5	Pass

					4.43	-4.406	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-8.039	-0.0046	-2.5 to 2.5	Pass
					3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-12.202	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-6.866	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-12.317	-0.0070	-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	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-10.571	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-11.129	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-10.085	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.658	-0.0004	-2.5 to 2.5	Pass
					3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-7.281	-0.0042	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
					4.43	-11.358	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass

				-10	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				30	3.85	2.532	0.0014	-2.5 to 2.5	Pass
				40	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-8.154	-0.0047	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-3.805	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-4.191	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-10.457	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				50	3.85	0.858	0.0005	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-4.592	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.861	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-9.942	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.881	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.740	-0.0050	-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	-5.622	-0.0033	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
					4.43	-8.626	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-12.174	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-9.341	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass

				30	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-10.443	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.516	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-7.882	-0.0045	-2.5 to 2.5	Pass
				10	3.85	4.735	0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.655	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-8.841	-0.0051	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.136	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.692	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-10.772	-0.0063	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
					4.43	-4.077	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	9.770	0.0057	-2.5 to 2.5	Pass
				0	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-8.540	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-6.323	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-8.211	-0.0048	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-5.608	-0.0032	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
					4.43	-4.320	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.736	-0.0033	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-10.428	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				0	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass

				50	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

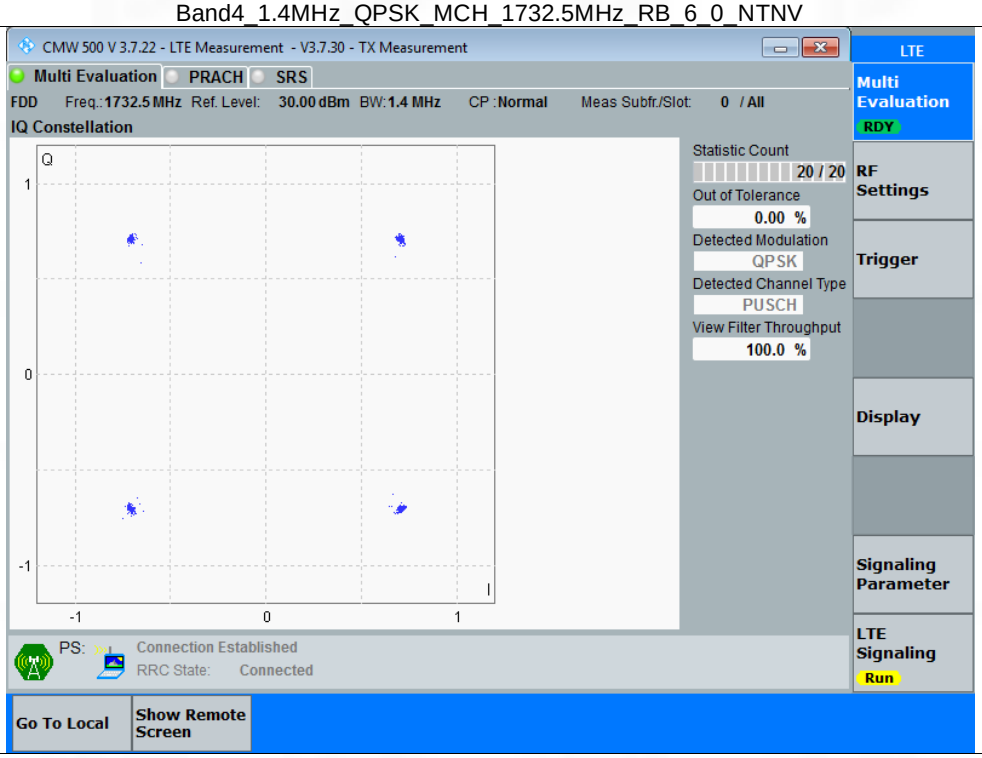
3.1 B4_1.4MHz

3.1.1 Test Result

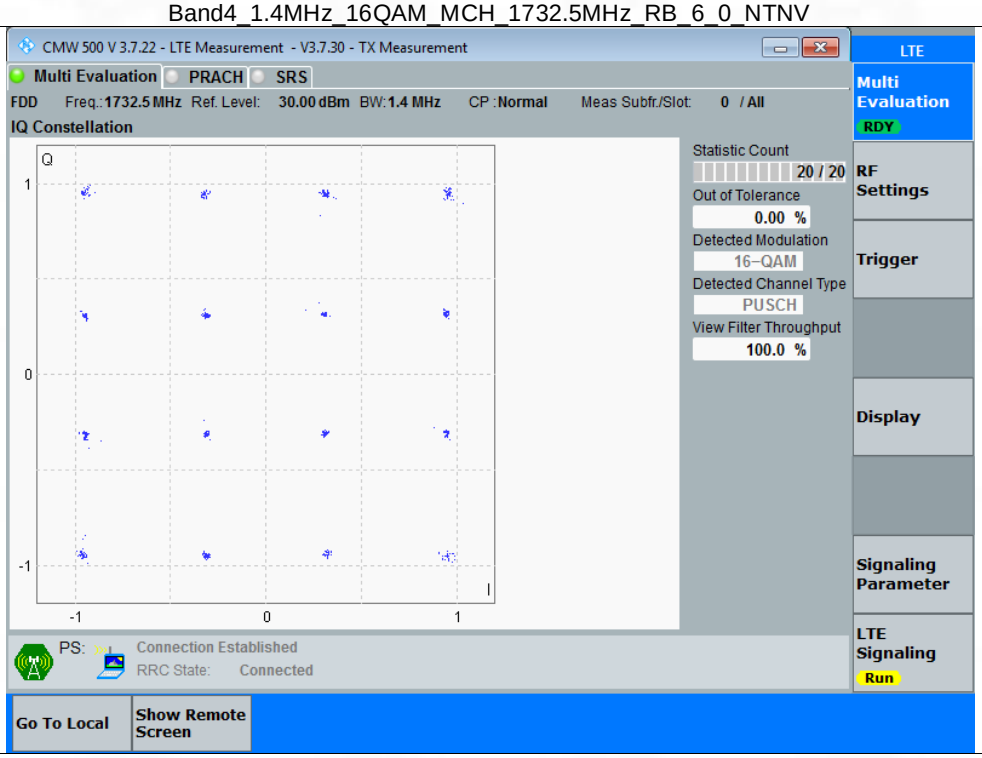
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

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



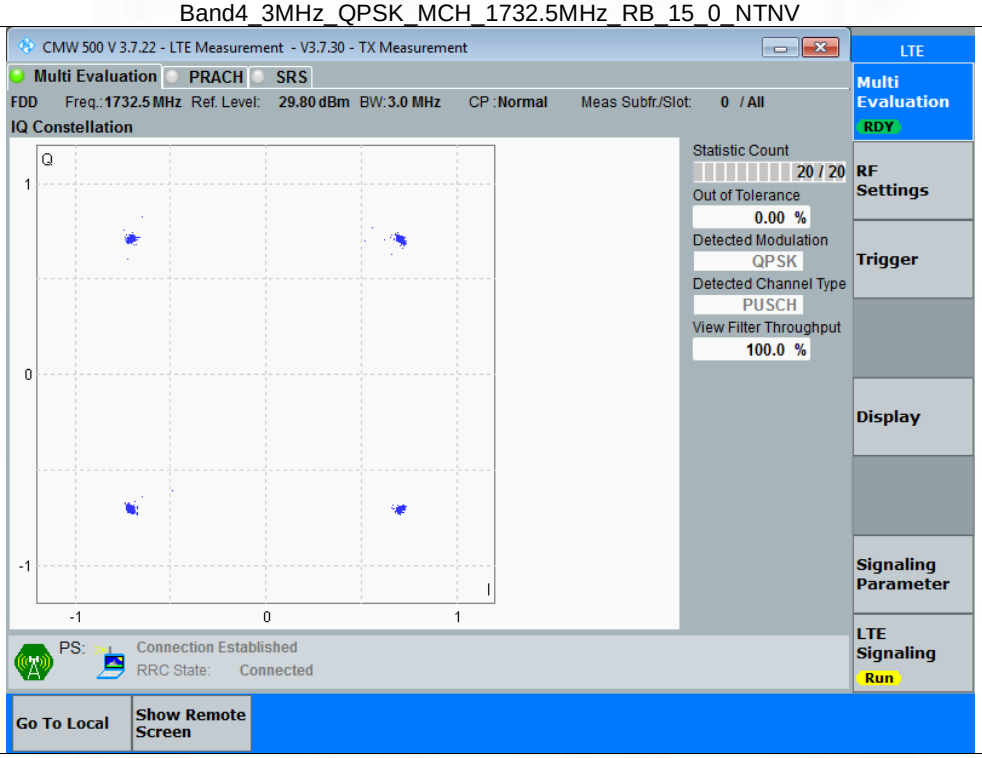
3.2 B4_3MHz

3.2.1 Test Result

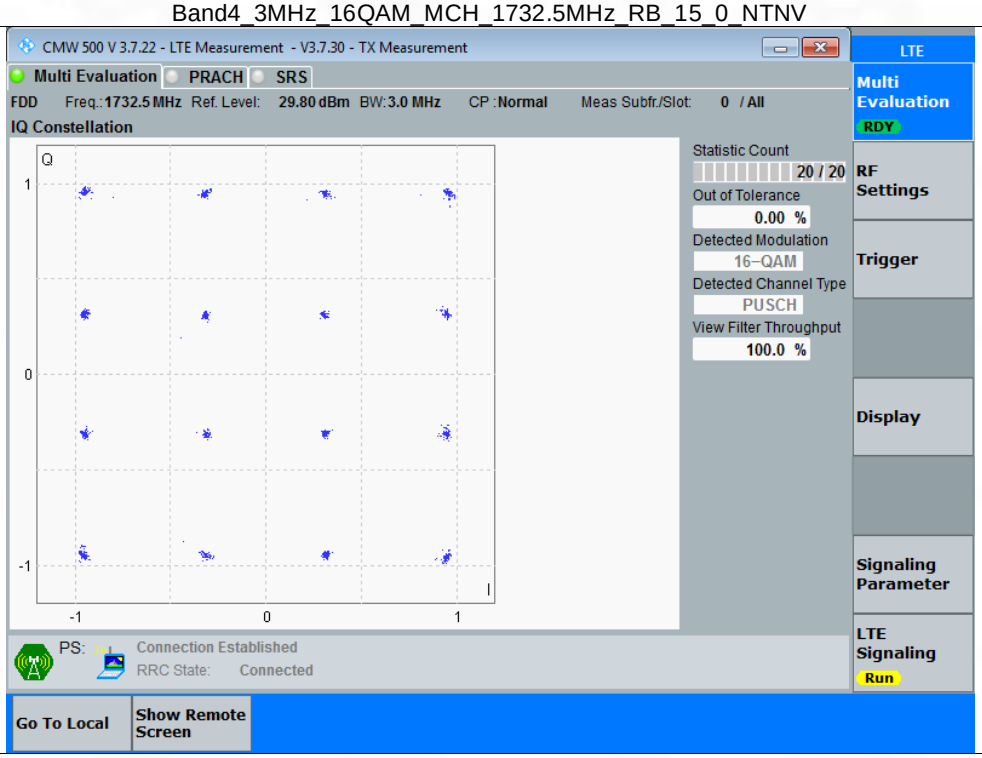
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

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



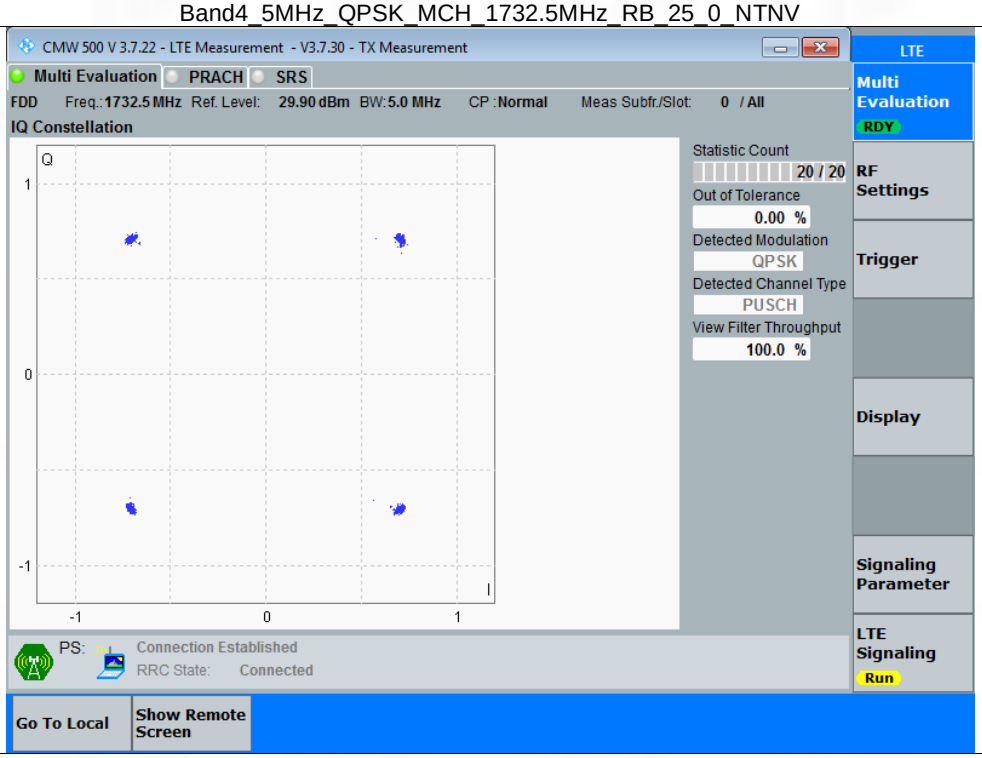
3.3 B4_5MHz

3.3.1 Test Result

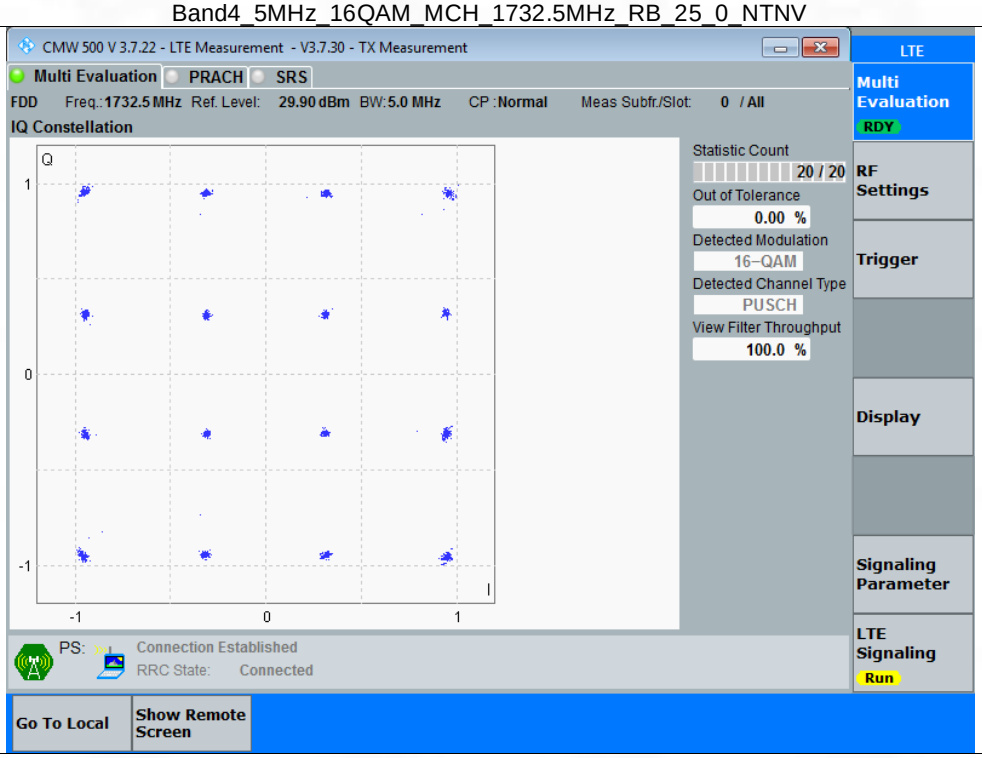
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

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



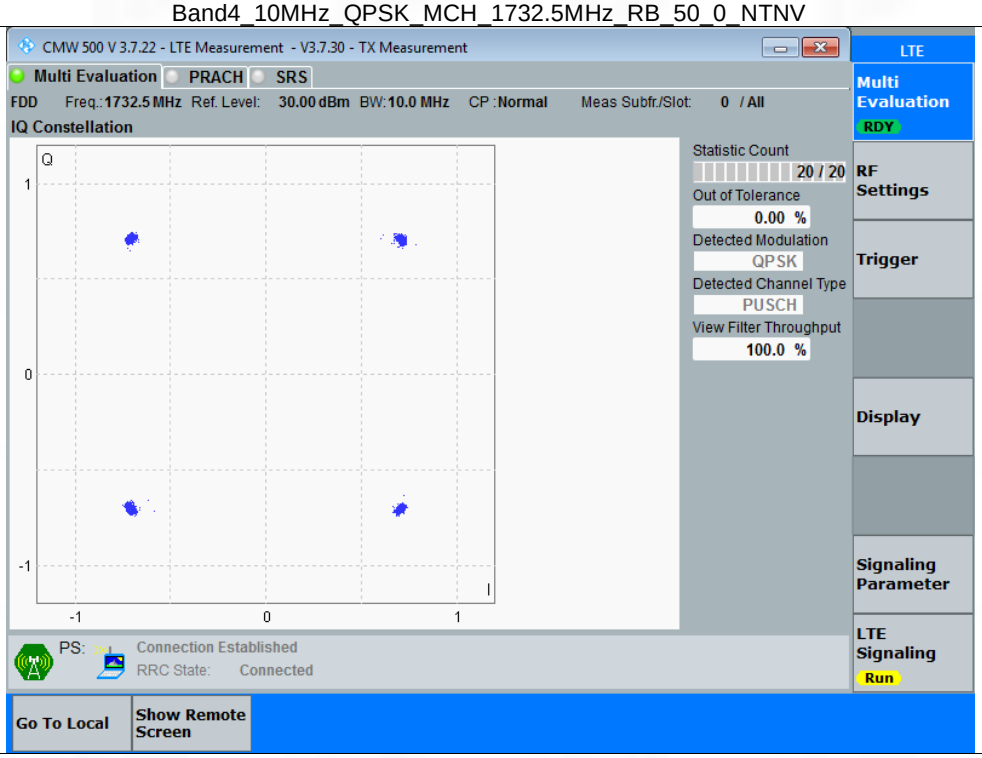
3.4 B4_10MHz

3.4.1 Test Result

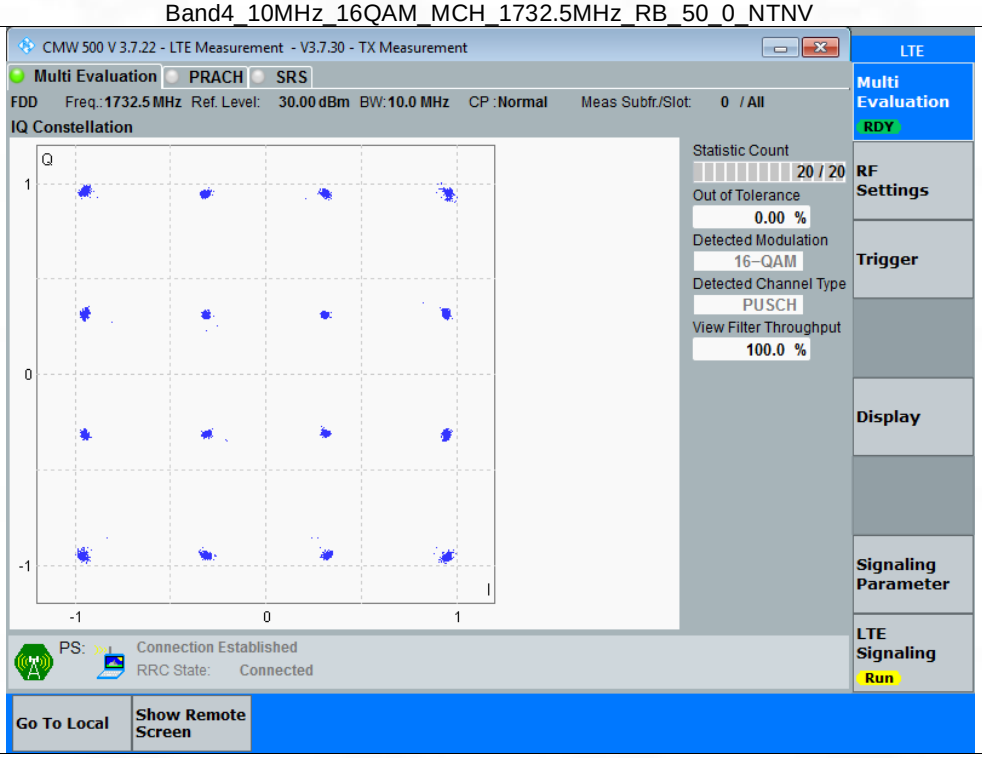
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

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



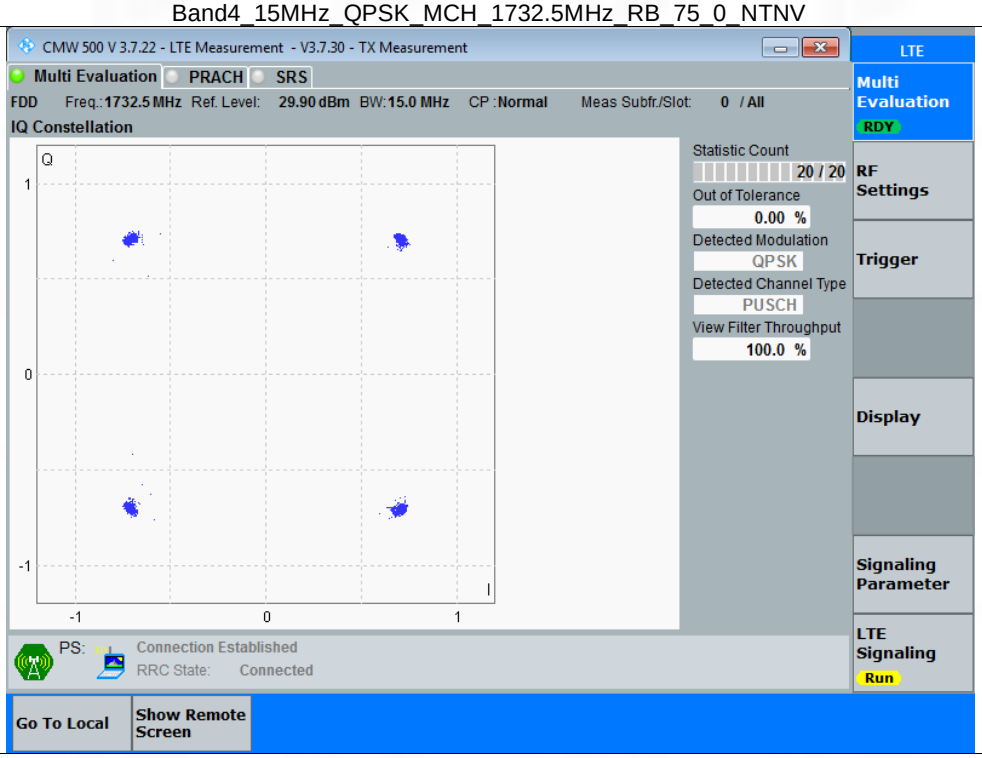
3.5 B4_15MHz

3.5.1 Test Result

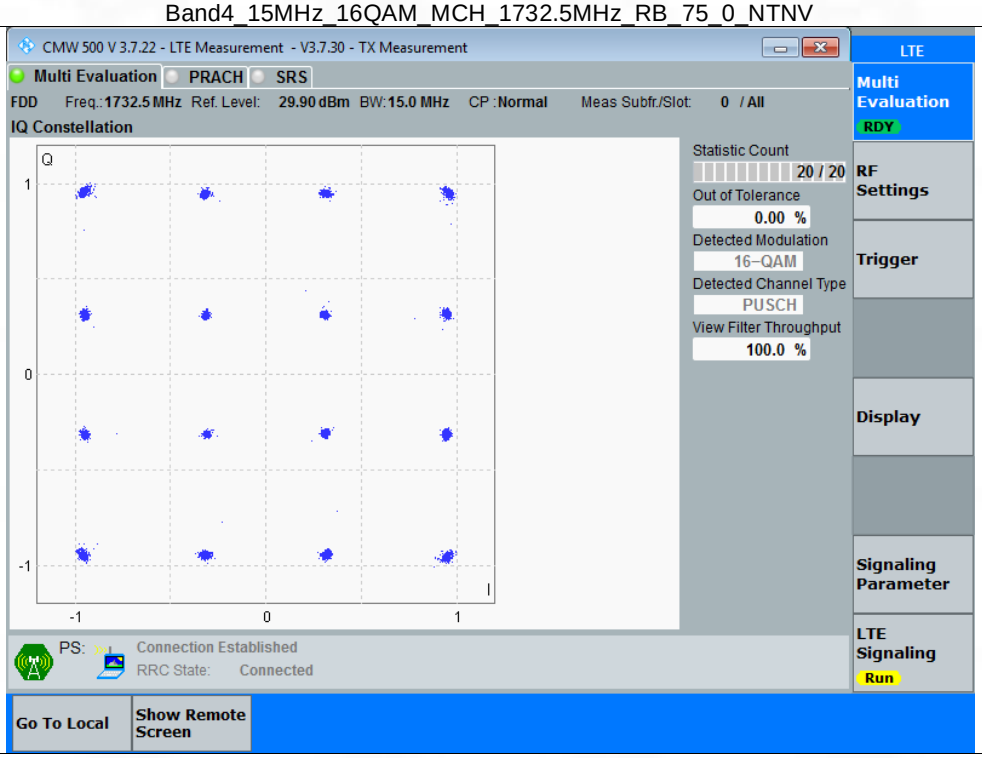
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

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



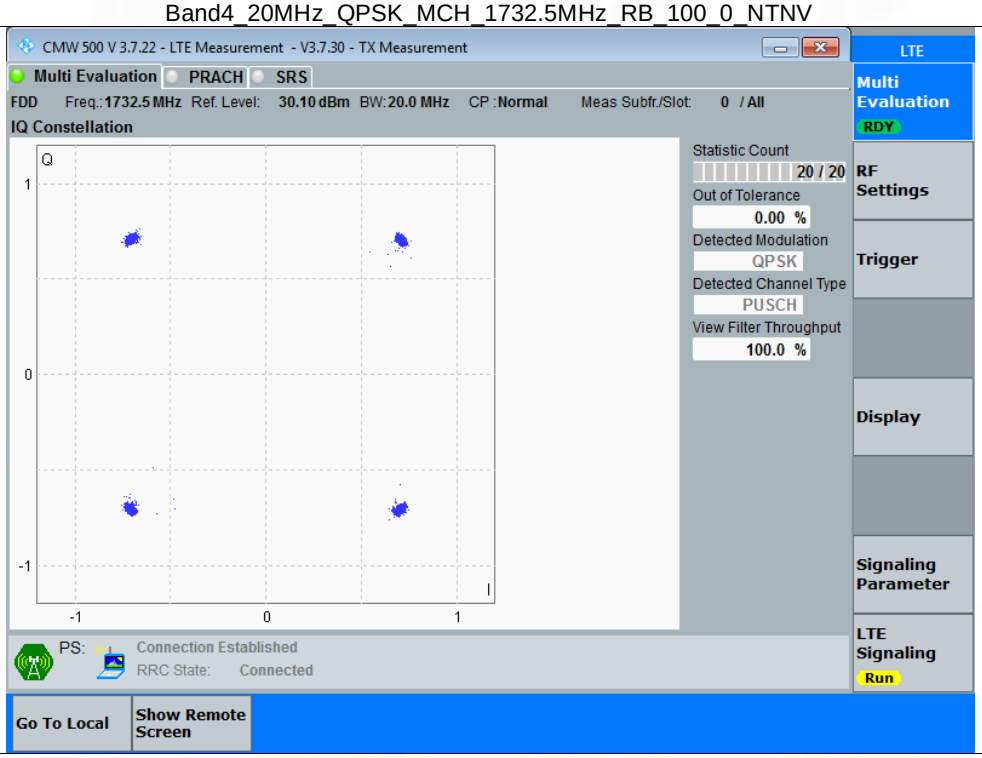
3.6 B4_20MHz

3.6.1 Test Result

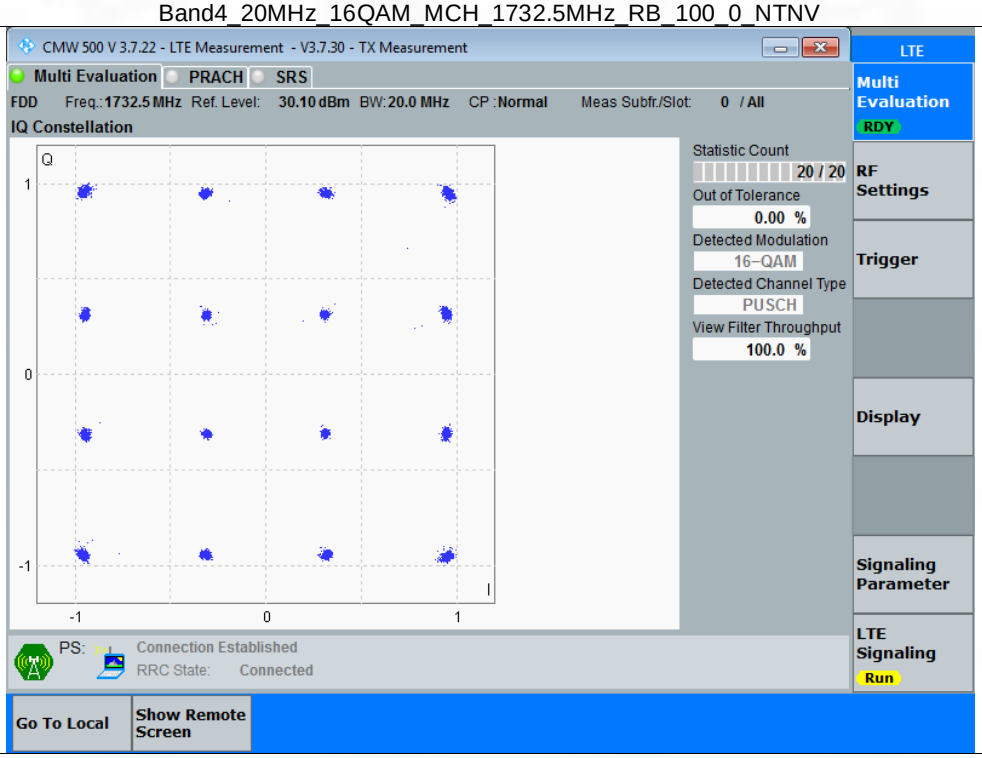
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

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

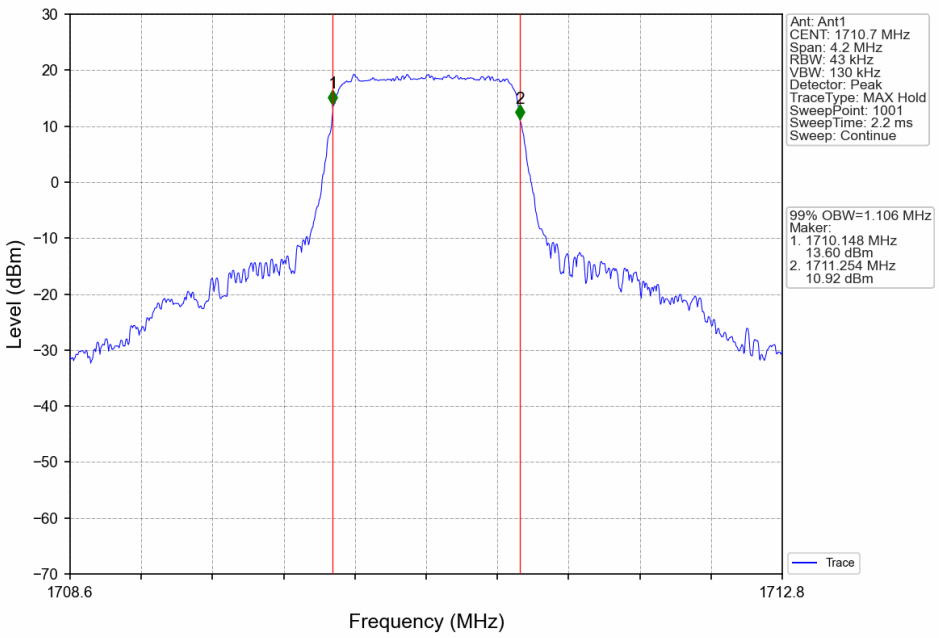
4.1 Band4_OBW

4.1.1 Test Result

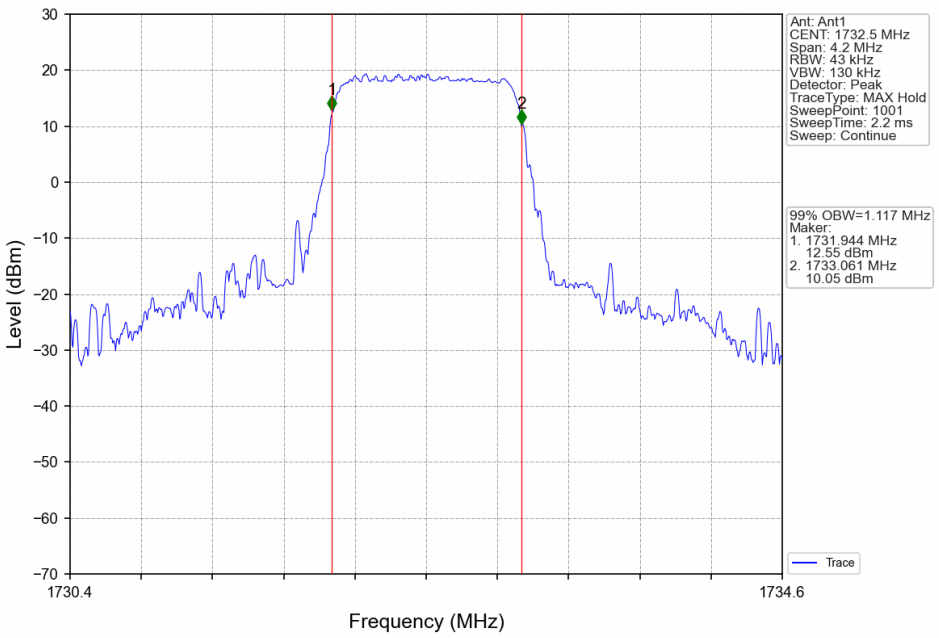
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.106	Pass
		1732.5	6	0	1.117	Pass
		1754.3	6	0	1.110	Pass
	16QAM	1710.7	6	0	1.120	Pass
		1732.5	6	0	1.107	Pass
		1754.3	6	0	1.115	Pass
3	QPSK	1711.5	15	0	2.723	Pass
		1732.5	15	0	2.721	Pass
		1753.5	15	0	2.718	Pass
	16QAM	1711.5	15	0	2.711	Pass
		1732.5	15	0	2.725	Pass
		1753.5	15	0	2.730	Pass
5	QPSK	1712.5	25	0	4.567	Pass
		1732.5	25	0	4.565	Pass
		1752.5	25	0	4.601	Pass
	16QAM	1712.5	25	0	4.603	Pass
		1732.5	25	0	4.580	Pass
		1752.5	25	0	4.598	Pass
10	QPSK	1715	50	0	9.062	Pass
		1732.5	50	0	9.098	Pass
		1750	50	0	9.125	Pass
	16QAM	1715	50	0	9.047	Pass
		1732.5	50	0	9.084	Pass
		1750	50	0	9.096	Pass
15	QPSK	1717.5	75	0	13.614	Pass
		1732.5	75	0	13.581	Pass
		1747.5	75	0	13.669	Pass
	16QAM	1717.5	75	0	13.627	Pass
		1732.5	75	0	13.602	Pass
		1747.5	75	0	13.660	Pass
20	QPSK	1720	100	0	18.171	Pass
		1732.5	100	0	18.119	Pass
		1745	100	0	18.194	Pass
	16QAM	1720	100	0	18.127	Pass
		1732.5	100	0	18.085	Pass
		1745	100	0	18.296	Pass

4.1.2 Test Graph

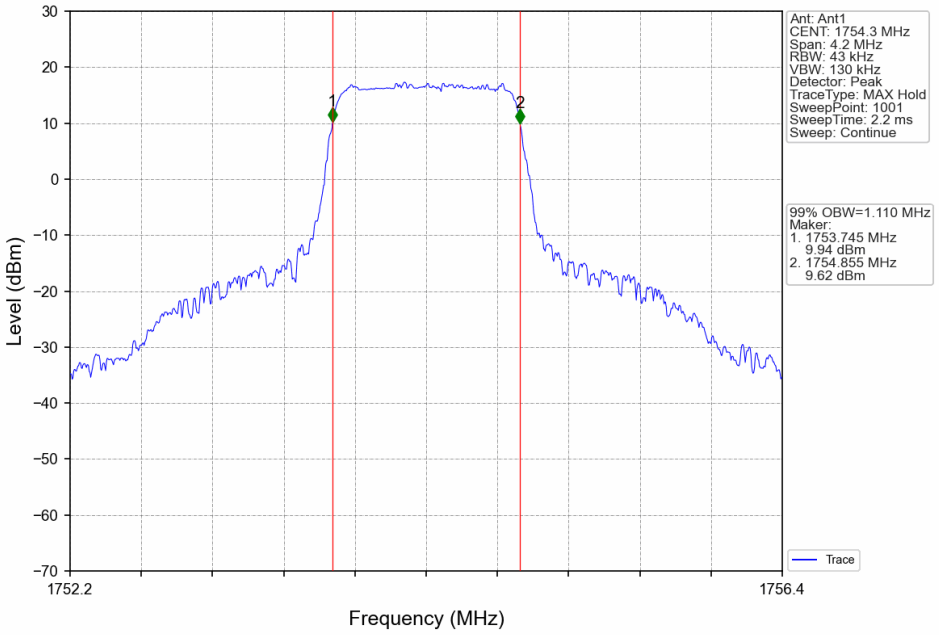
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



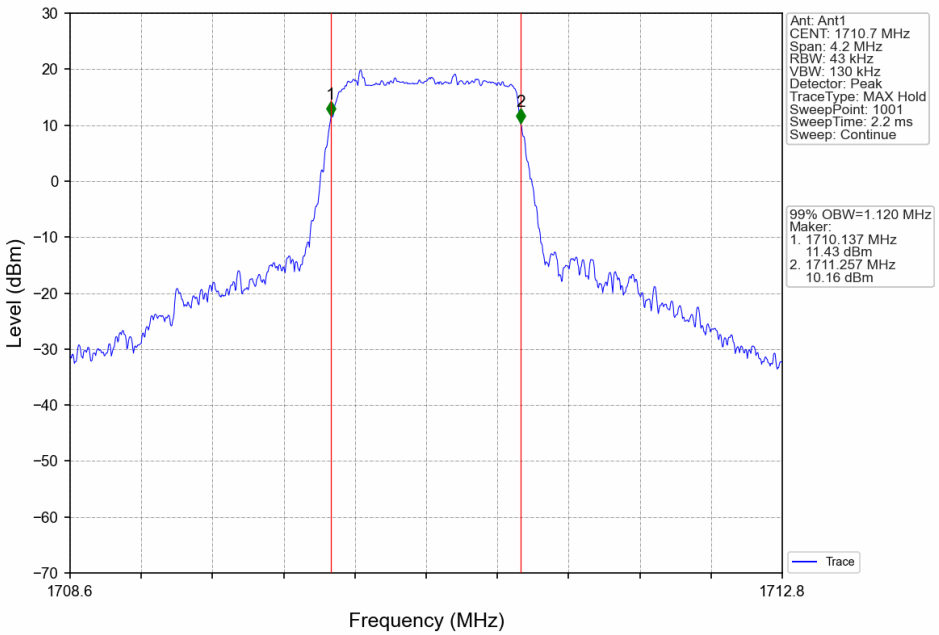
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



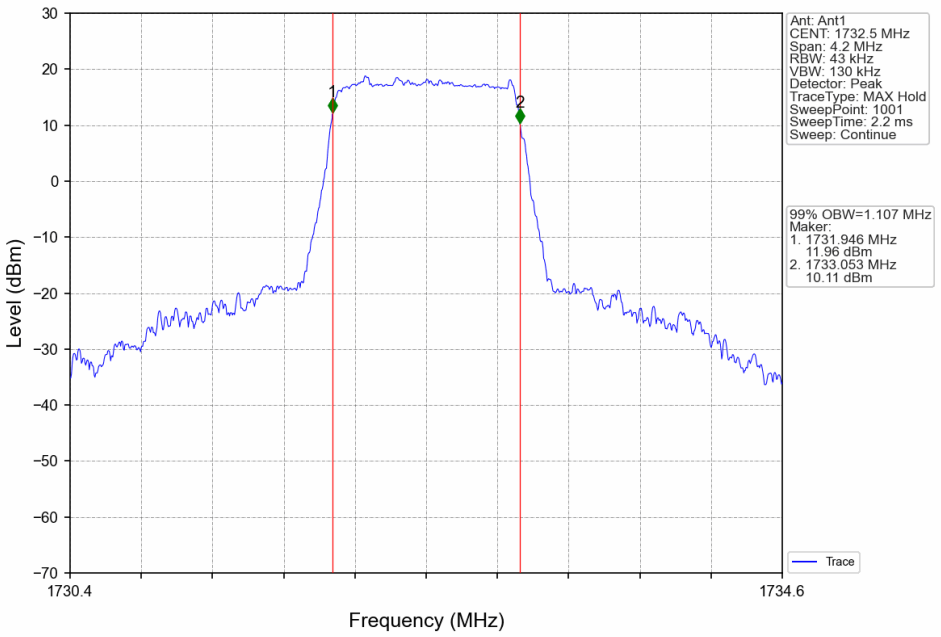
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



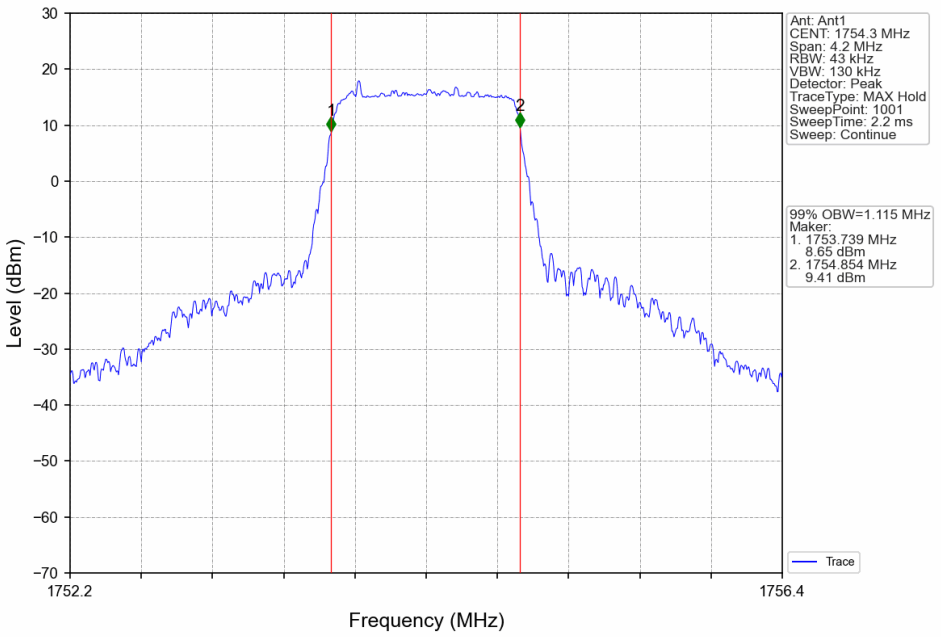
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



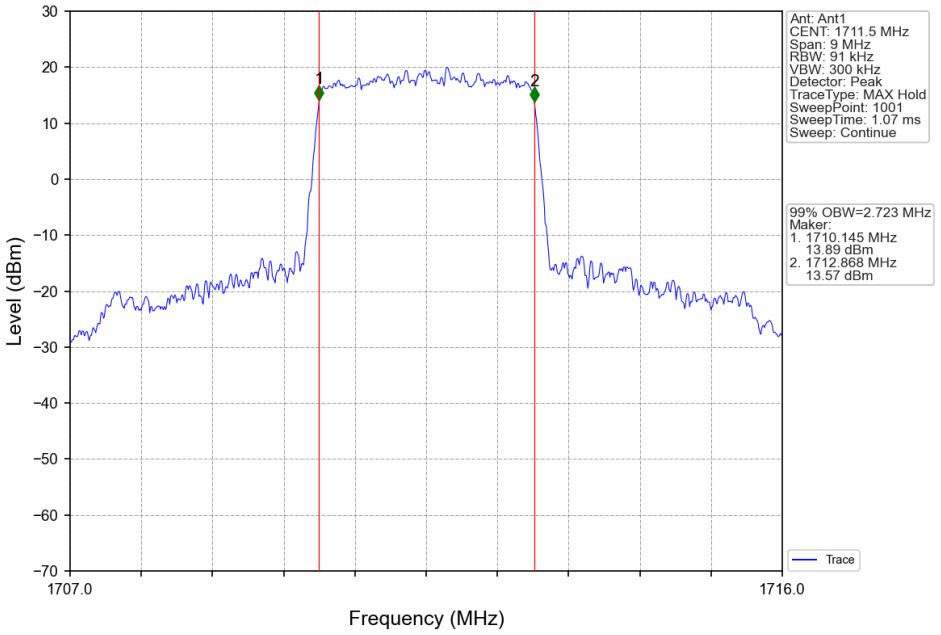
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



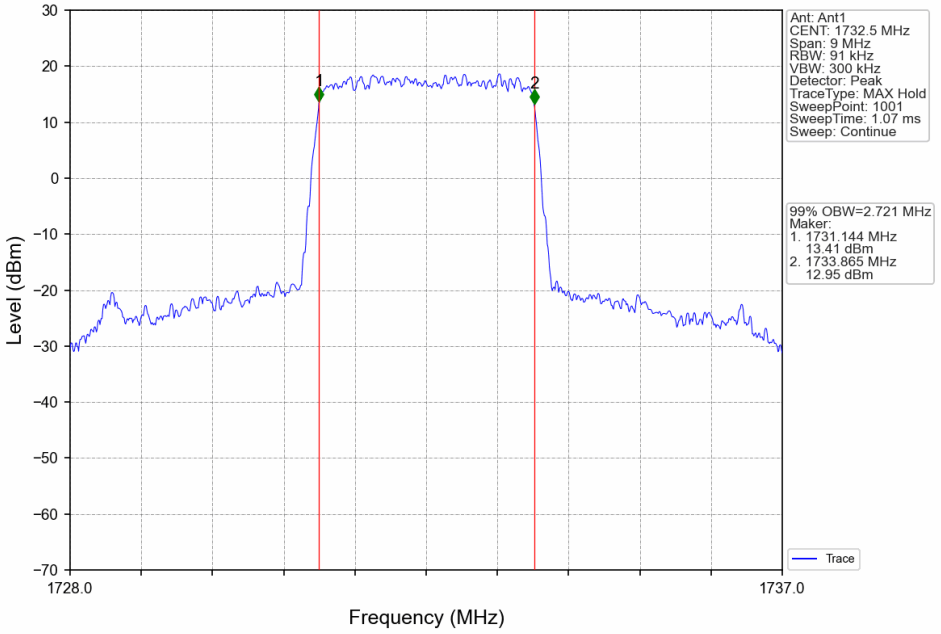
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



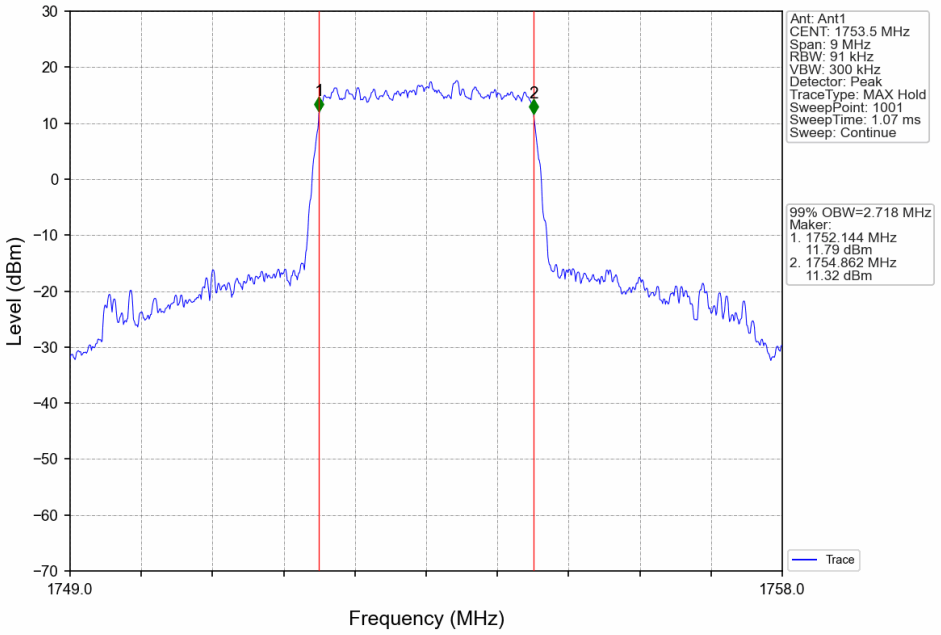
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



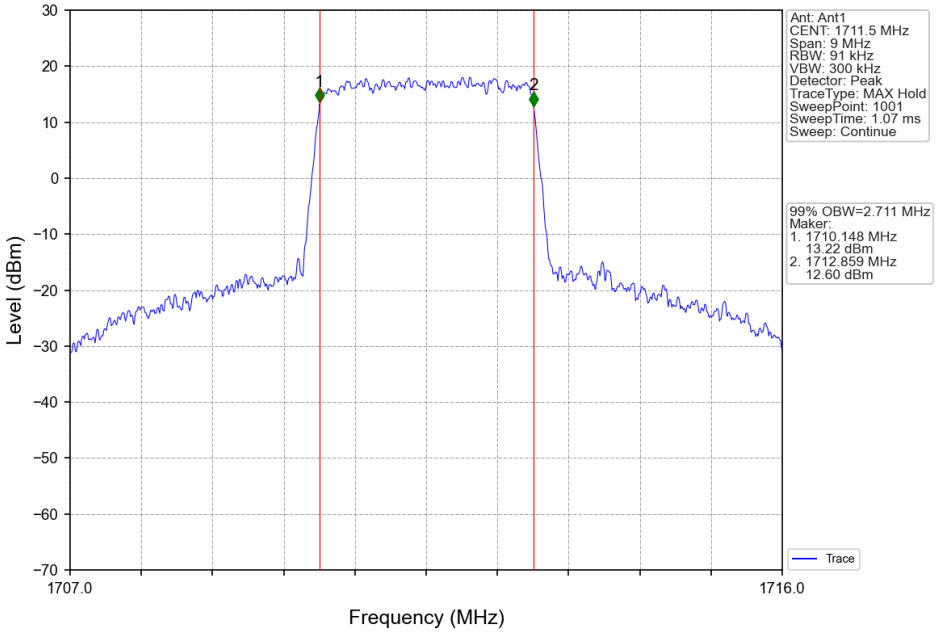
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



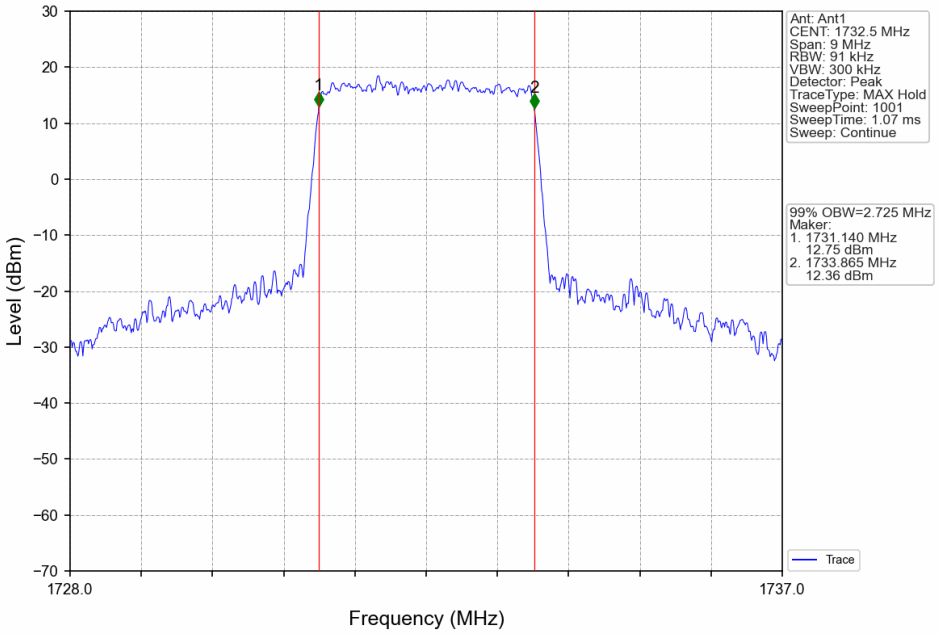
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



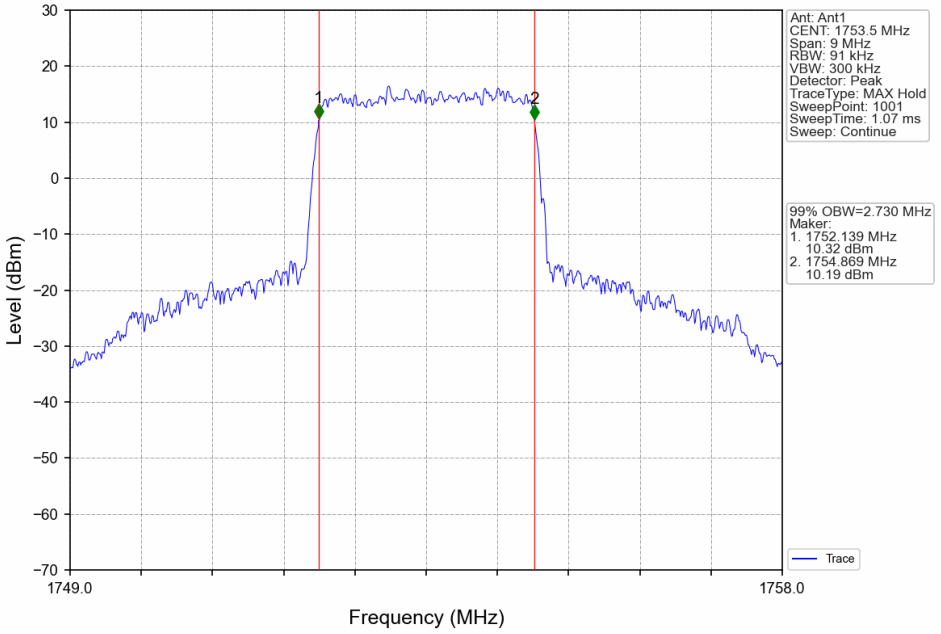
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



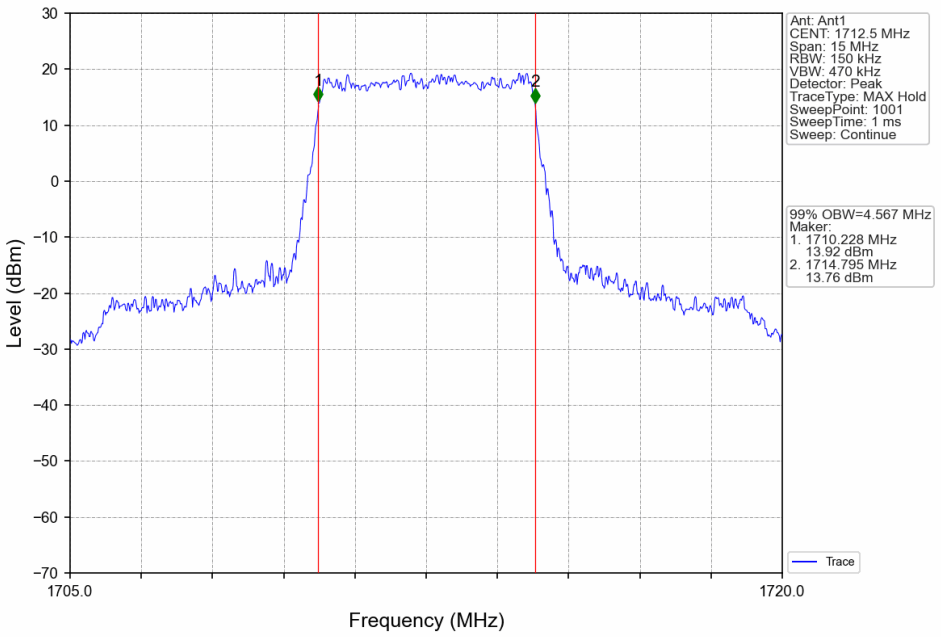
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



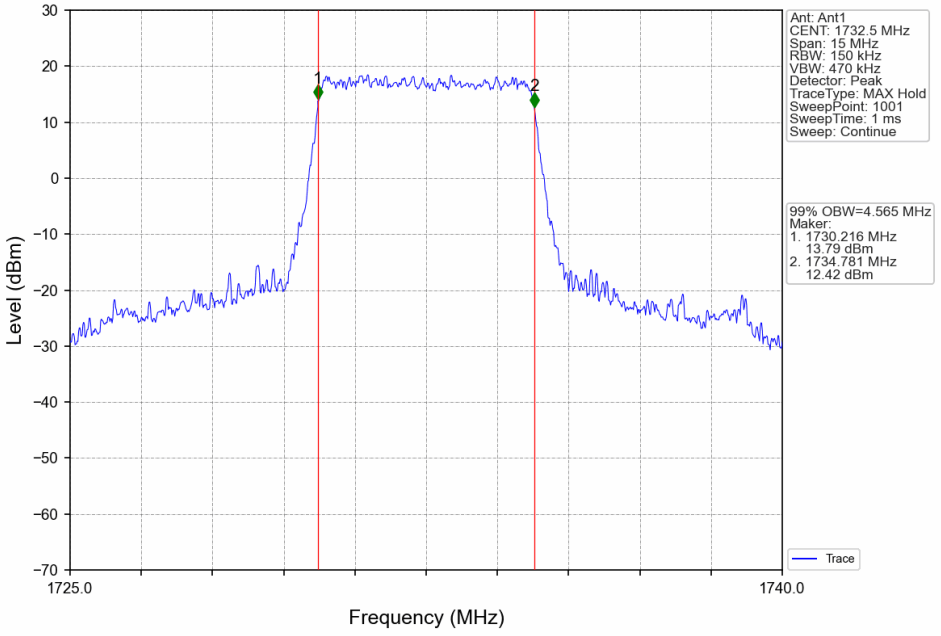
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



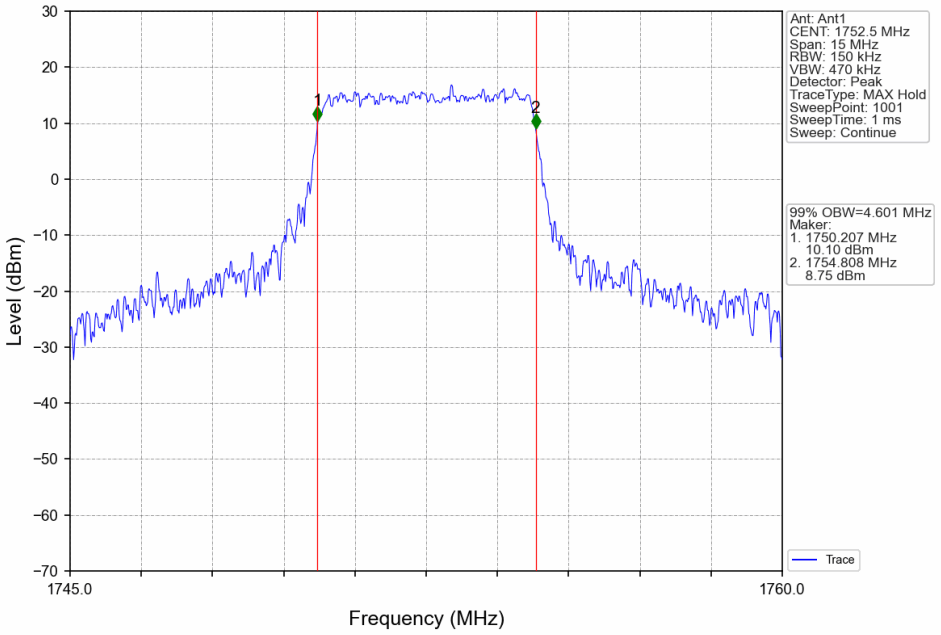
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



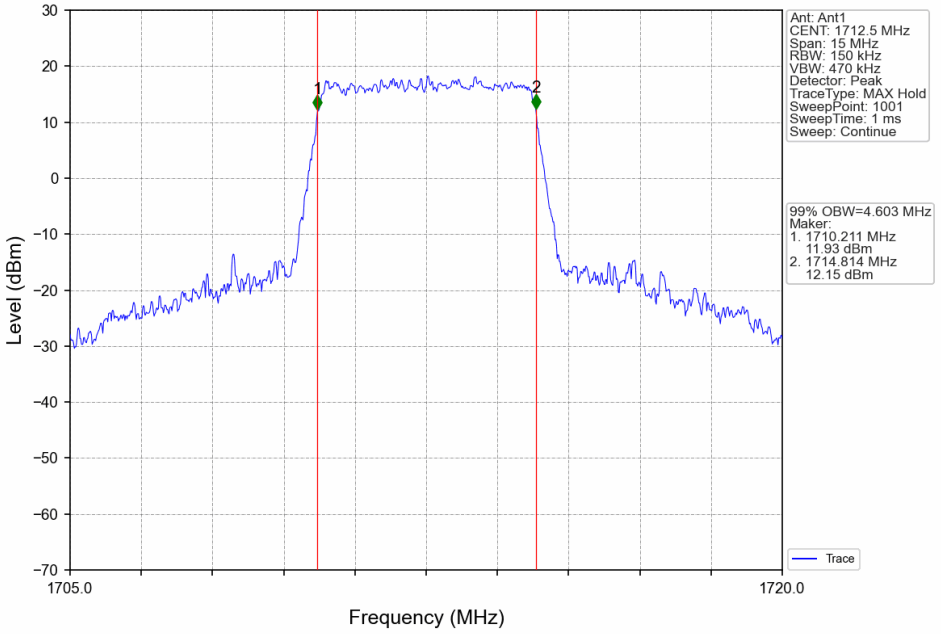
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



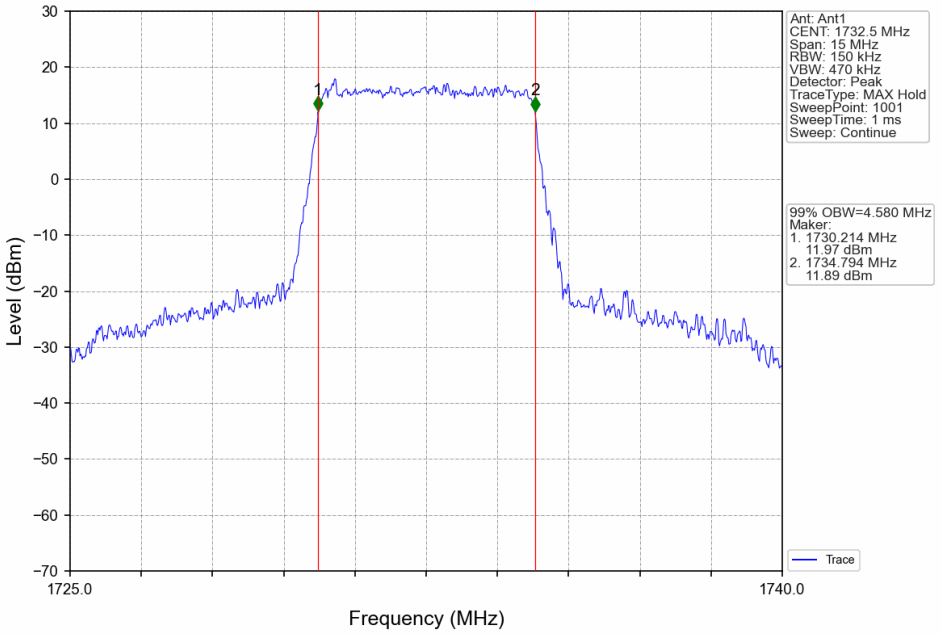
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



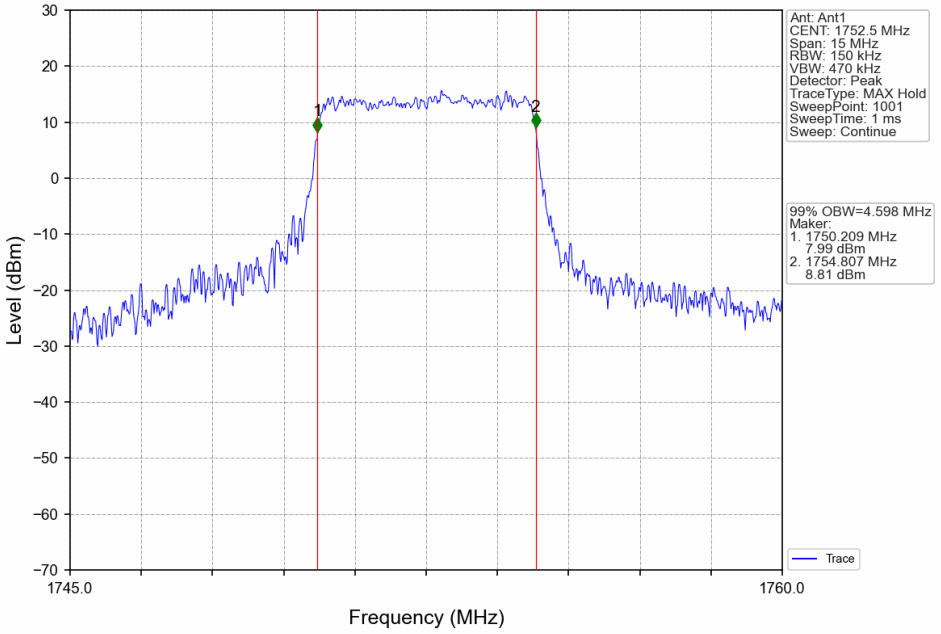
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



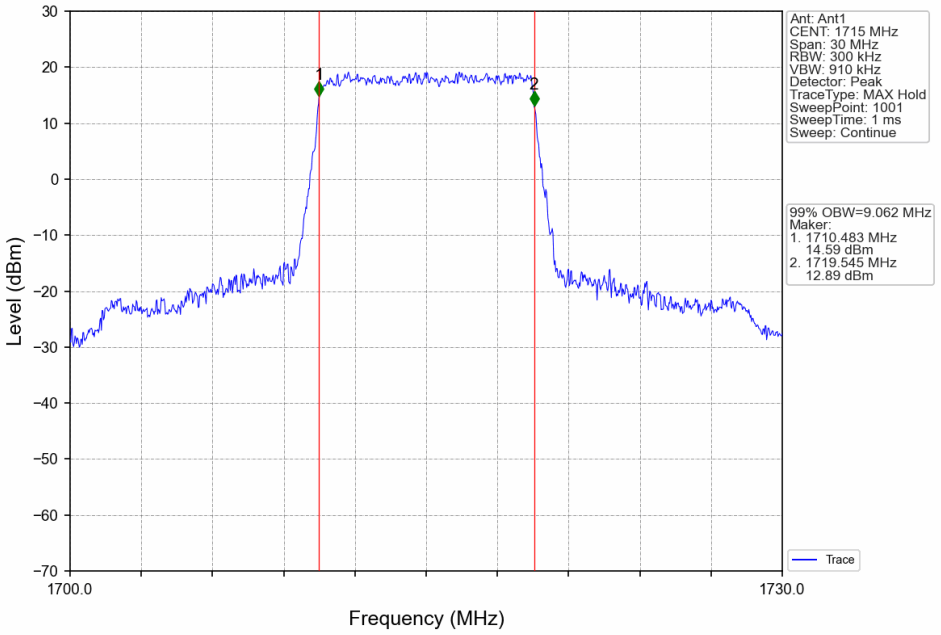
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



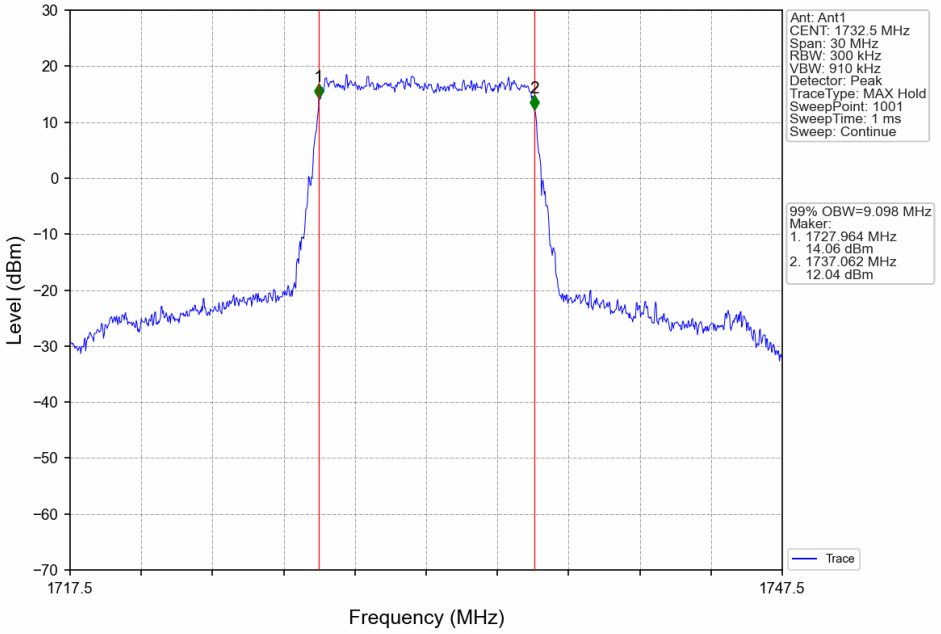
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



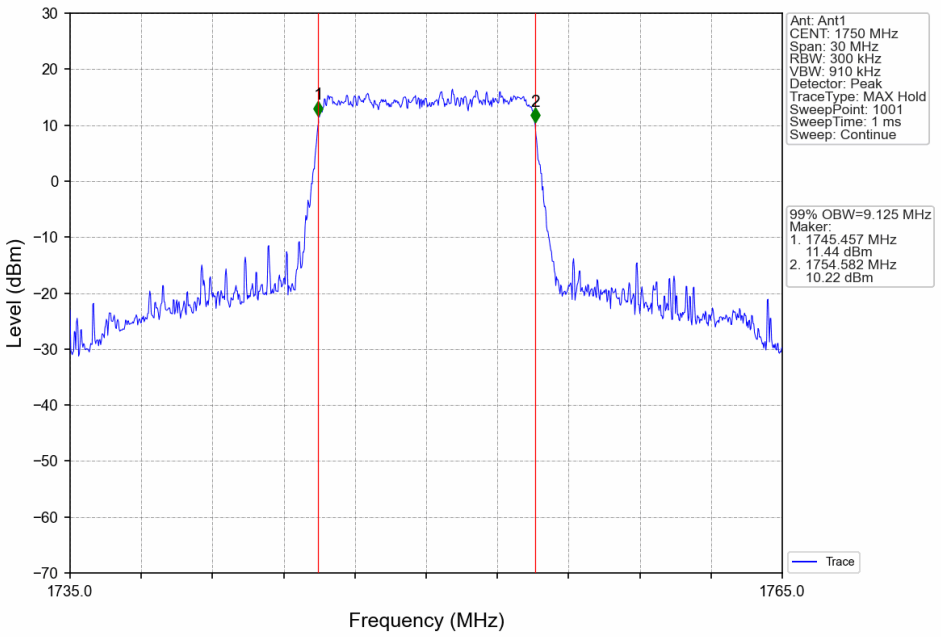
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



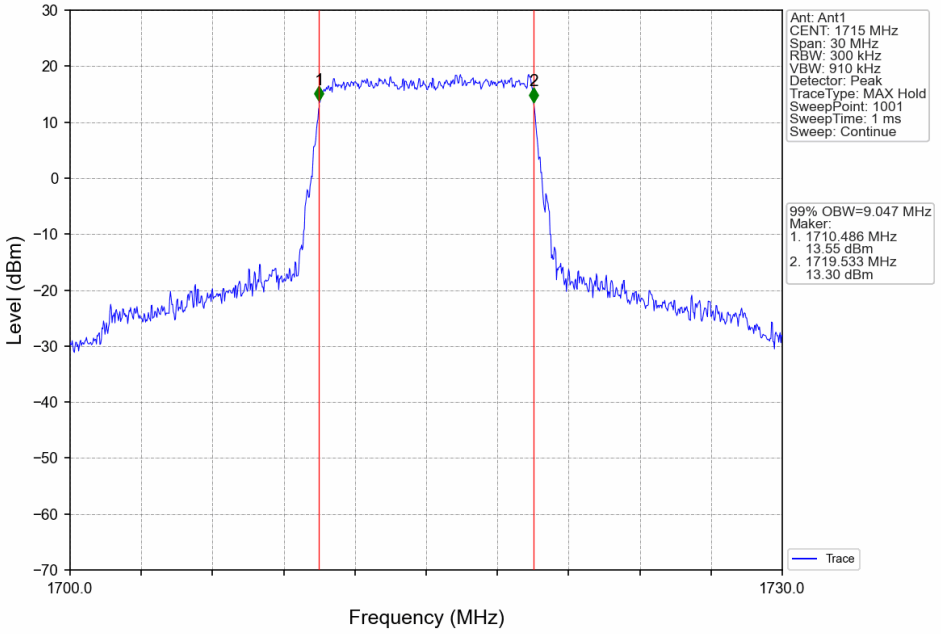
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



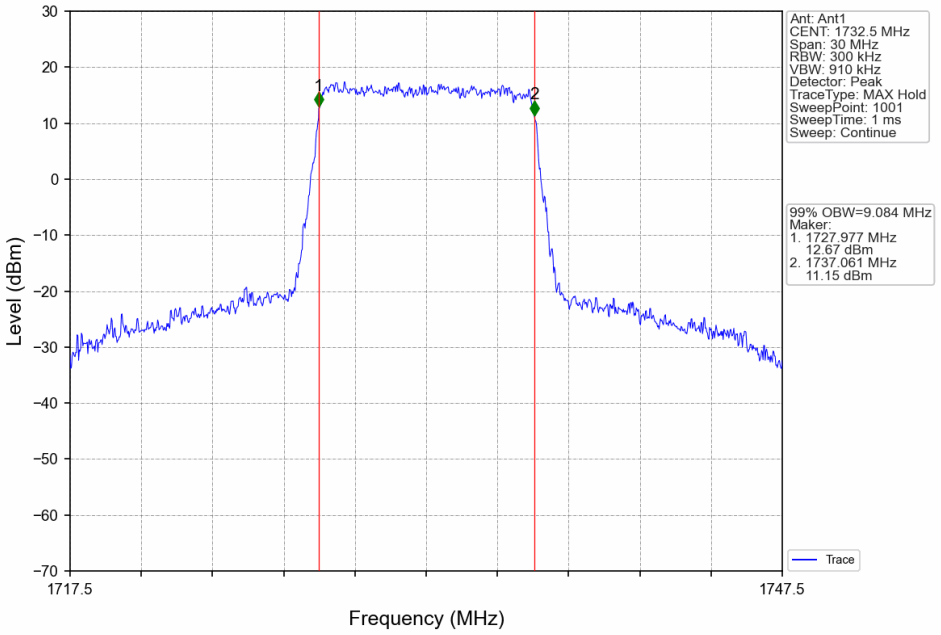
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



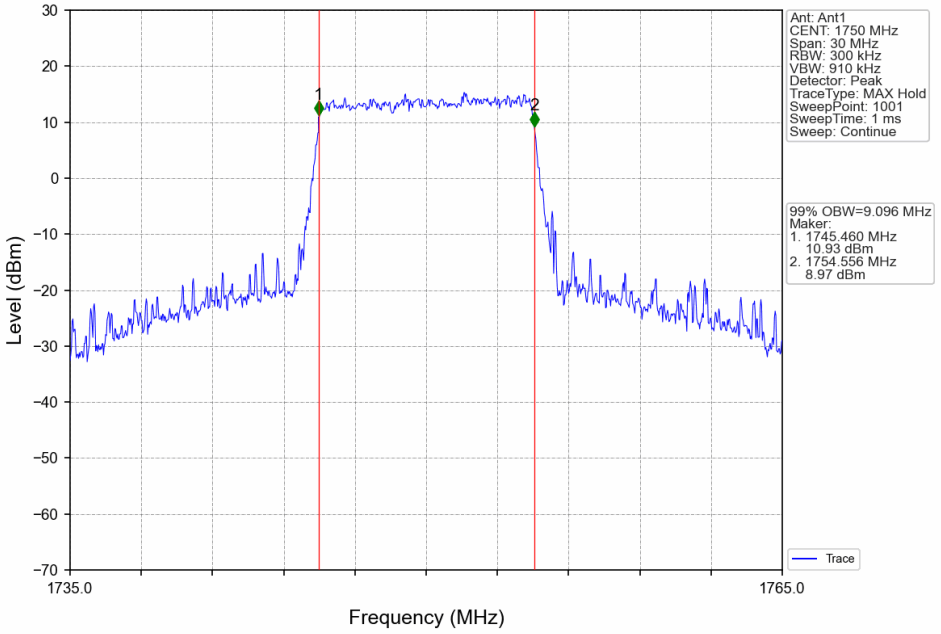
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



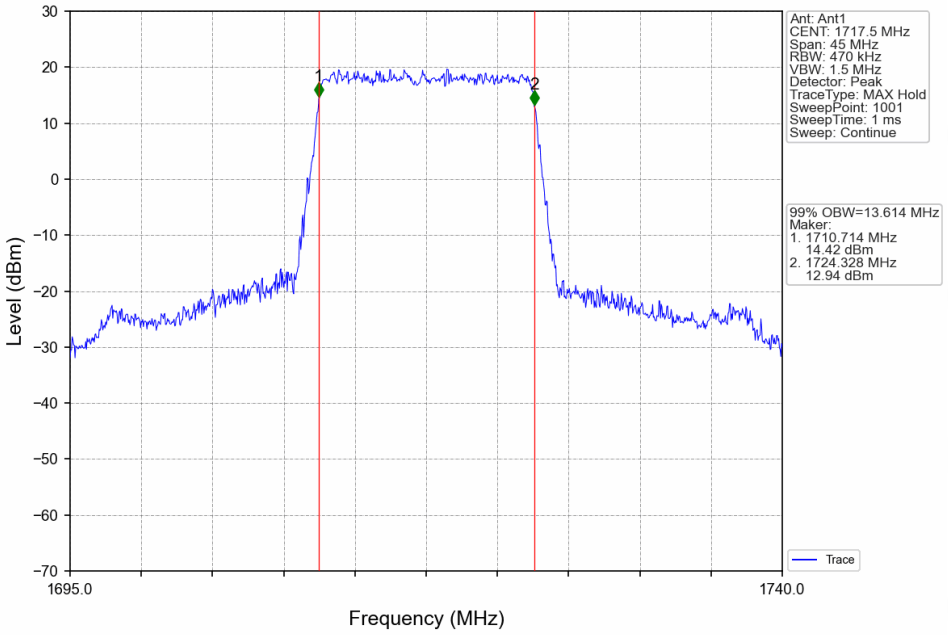
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



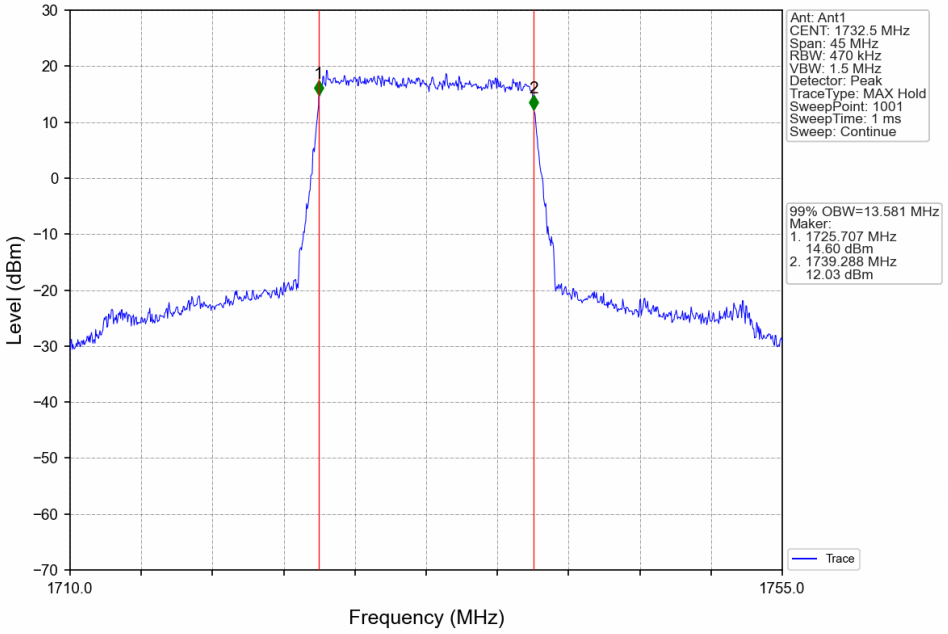
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



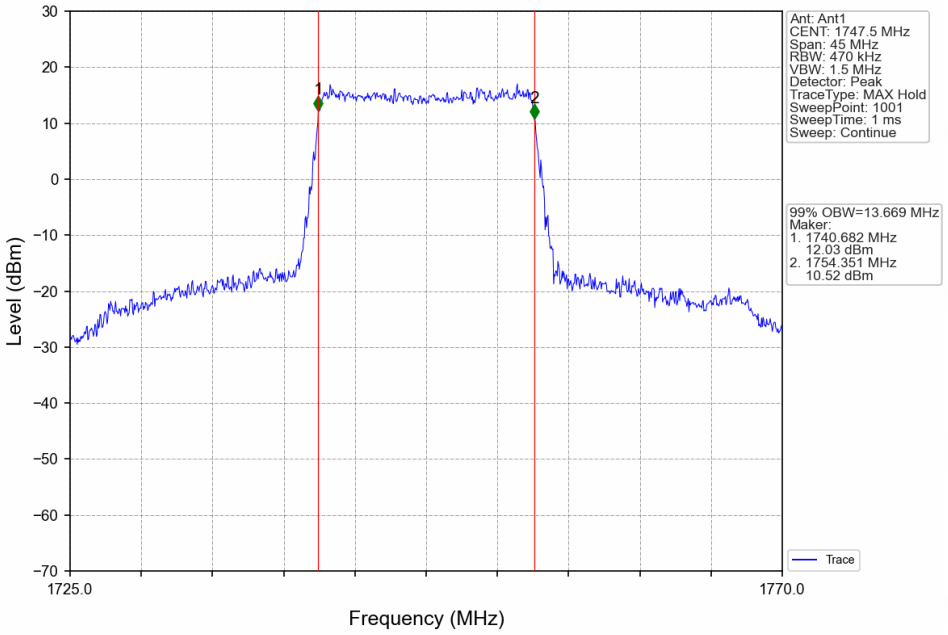
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



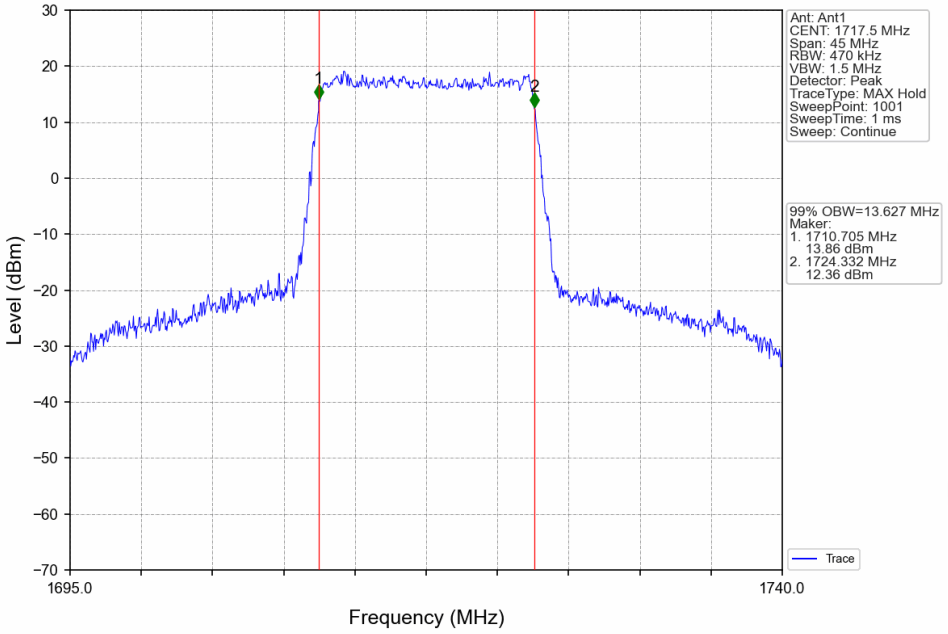
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



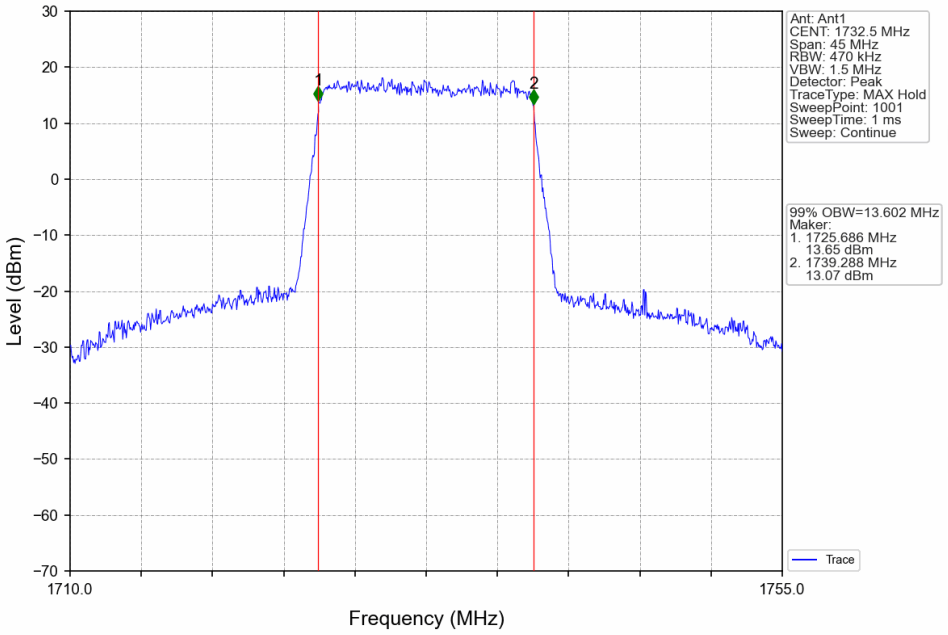
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



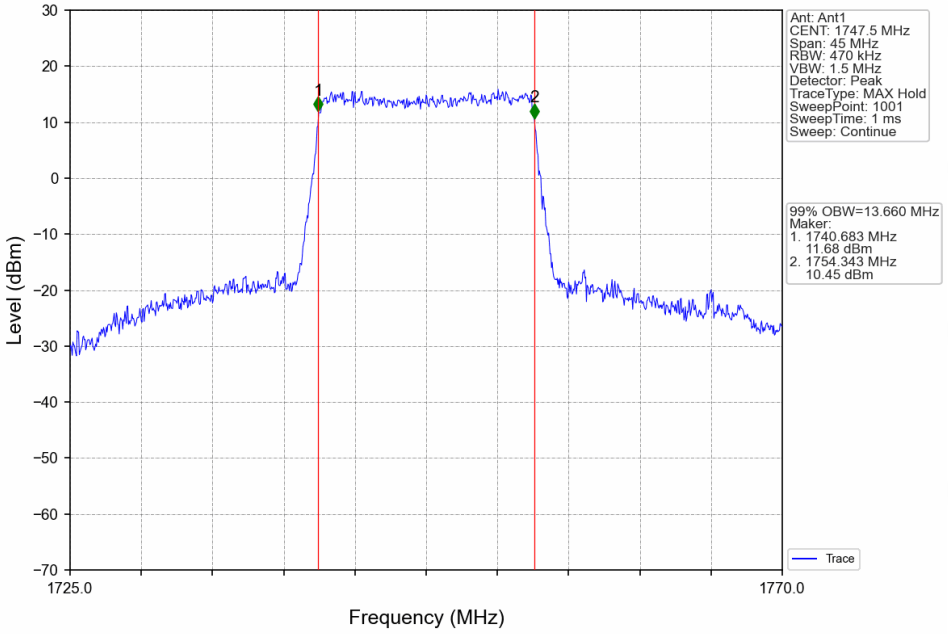
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



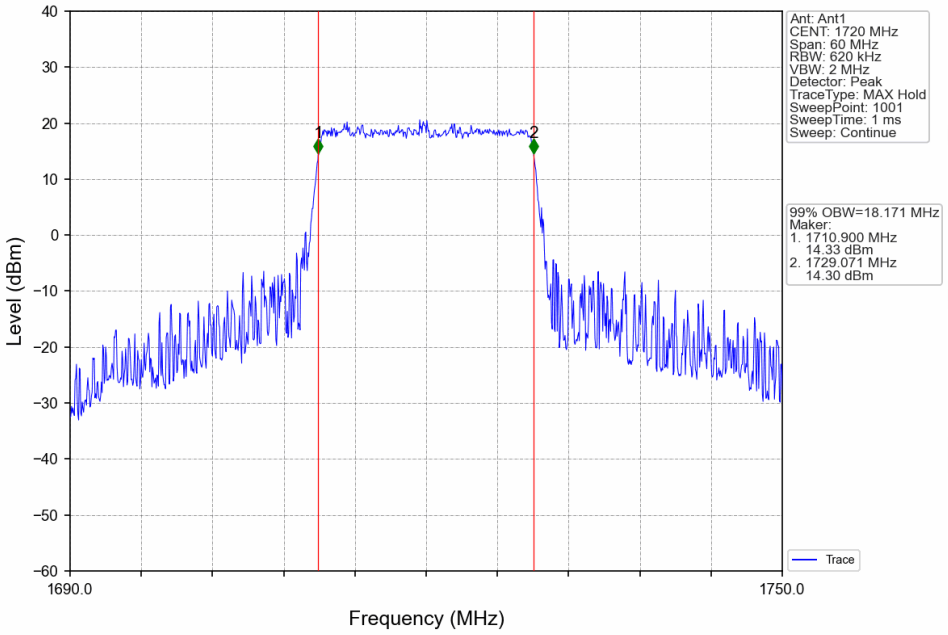
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



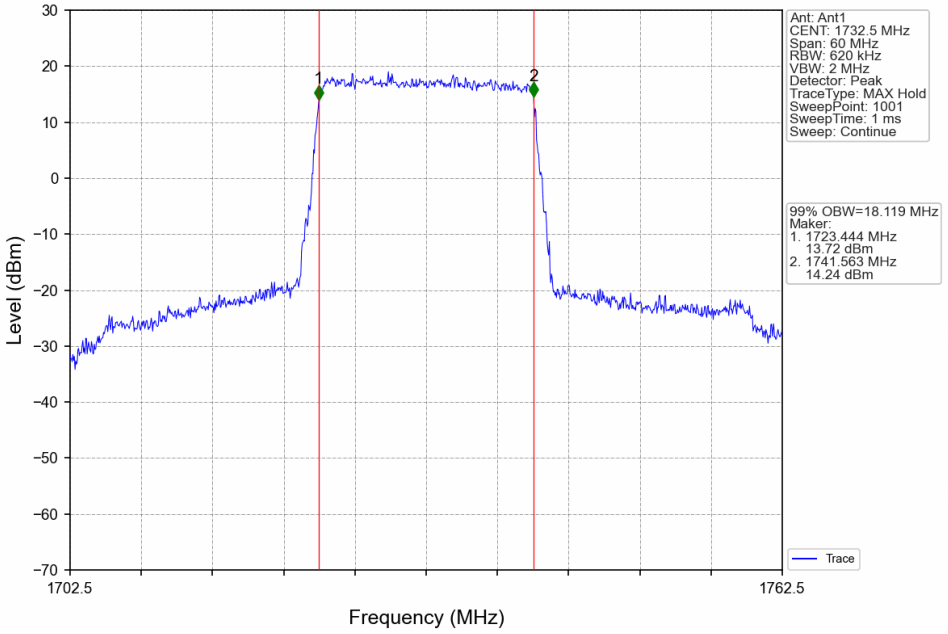
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



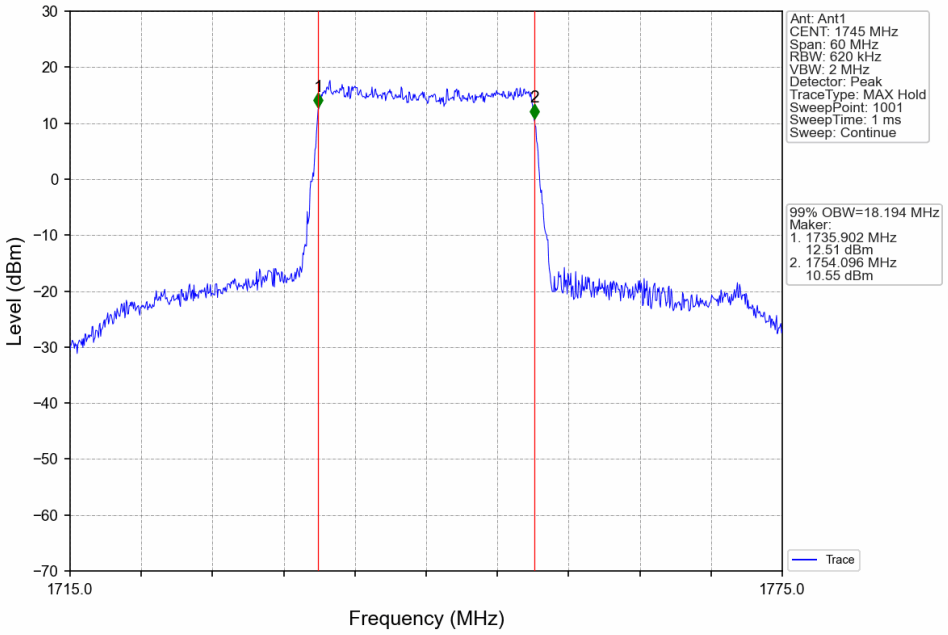
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



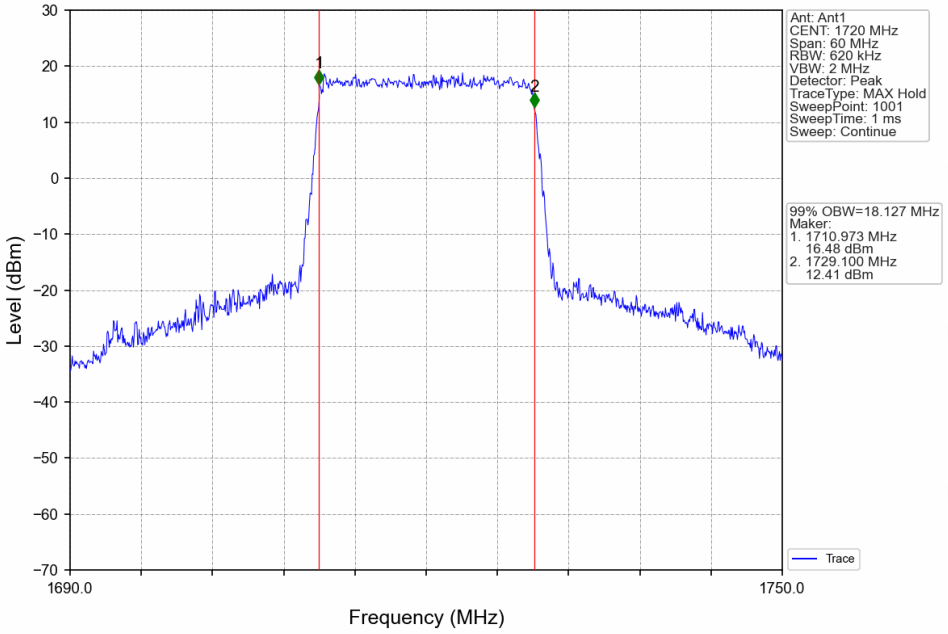
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



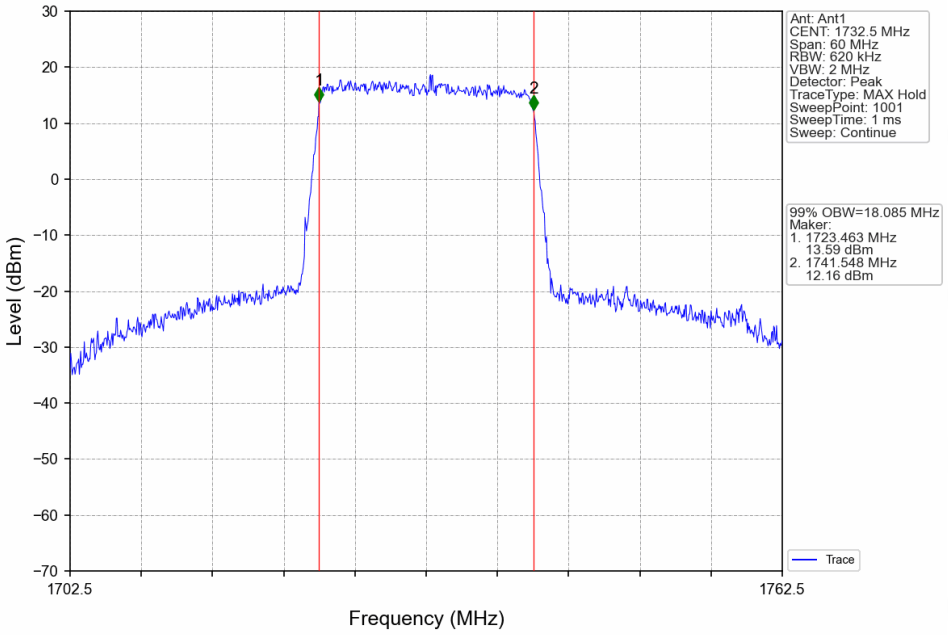
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



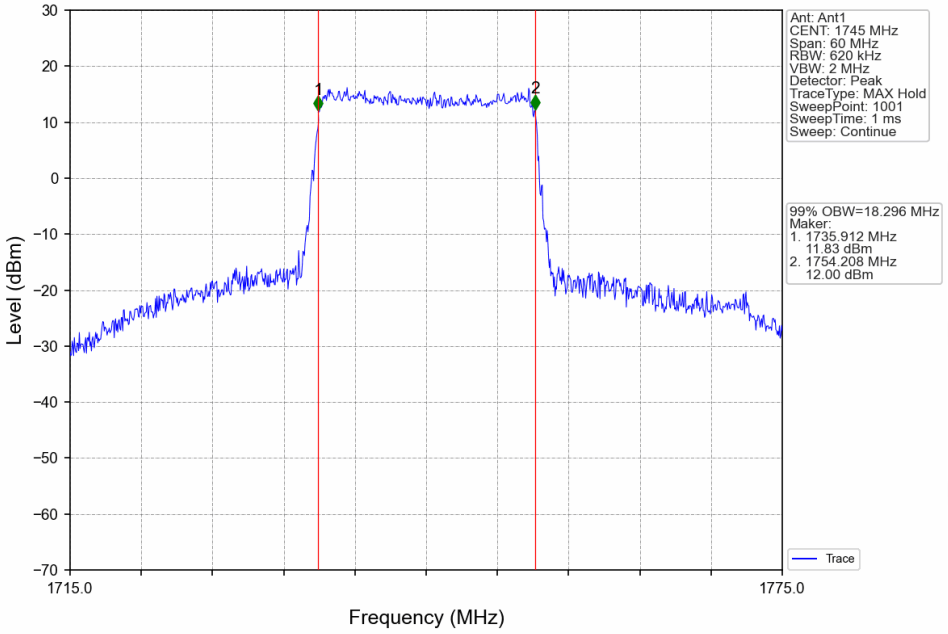
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



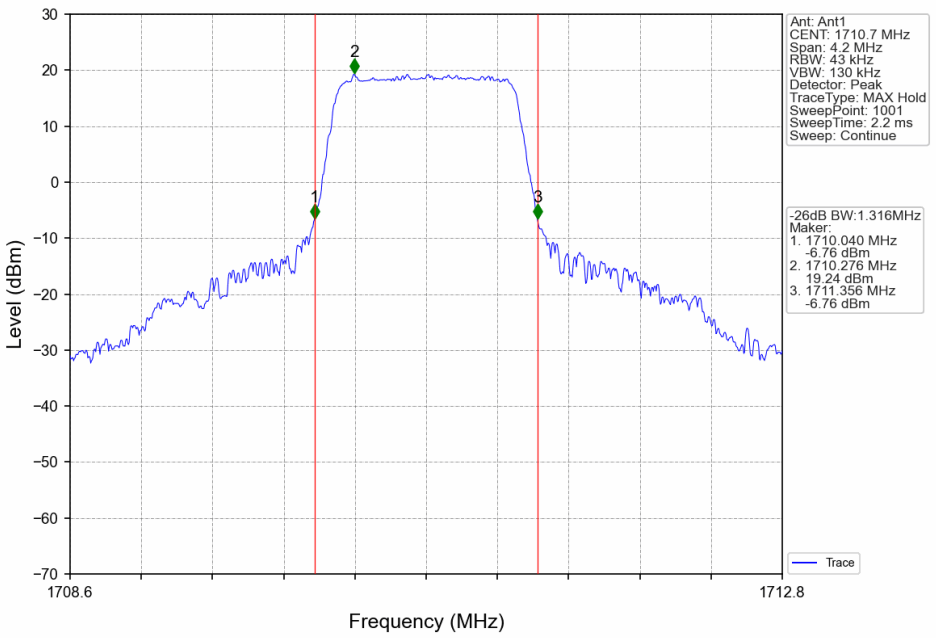
4.2 Band4_XDB

4.2.1 Test Result

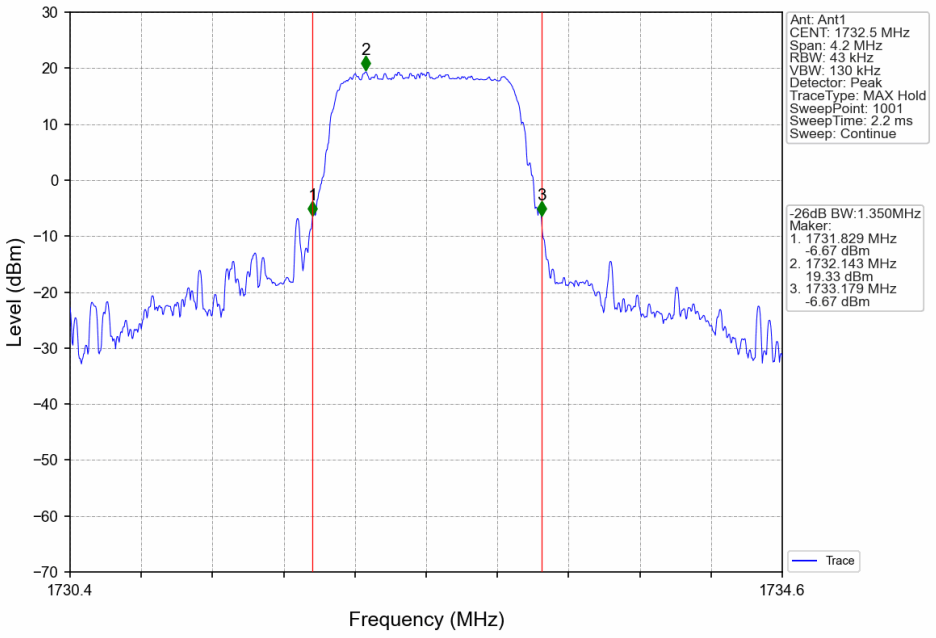
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.316	Pass
		1732.5	6	0	1.350	Pass
		1754.3	6	0	1.311	Pass
	16QAM	1710.7	6	0	1.315	Pass
		1732.5	6	0	1.302	Pass
		1754.3	6	0	1.324	Pass
3	QPSK	1711.5	15	0	2.992	Pass
		1732.5	15	0	3.019	Pass
		1753.5	15	0	3.008	Pass
	16QAM	1711.5	15	0	3.003	Pass
		1732.5	15	0	2.992	Pass
		1753.5	15	0	3.006	Pass
5	QPSK	1712.5	25	0	5.310	Pass
		1732.5	25	0	5.216	Pass
		1752.5	25	0	5.671	Pass
	16QAM	1712.5	25	0	5.323	Pass
		1732.5	25	0	5.260	Pass
		1752.5	25	0	5.601	Pass
10	QPSK	1715	50	0	10.277	Pass
		1732.5	50	0	10.255	Pass
		1750	50	0	10.264	Pass
	16QAM	1715	50	0	10.325	Pass
		1732.5	50	0	10.310	Pass
		1750	50	0	10.599	Pass
15	QPSK	1717.5	75	0	15.357	Pass
		1732.5	75	0	15.191	Pass
		1747.5	75	0	15.409	Pass
	16QAM	1717.5	75	0	15.250	Pass
		1732.5	75	0	15.357	Pass
		1747.5	75	0	15.428	Pass
20	QPSK	1720	100	0	21.930	Pass
		1732.5	100	0	20.056	Pass
		1745	100	0	20.009	Pass
	16QAM	1720	100	0	19.964	Pass
		1732.5	100	0	20.192	Pass
		1745	100	0	20.336	Pass

4.2.2 Test Graph

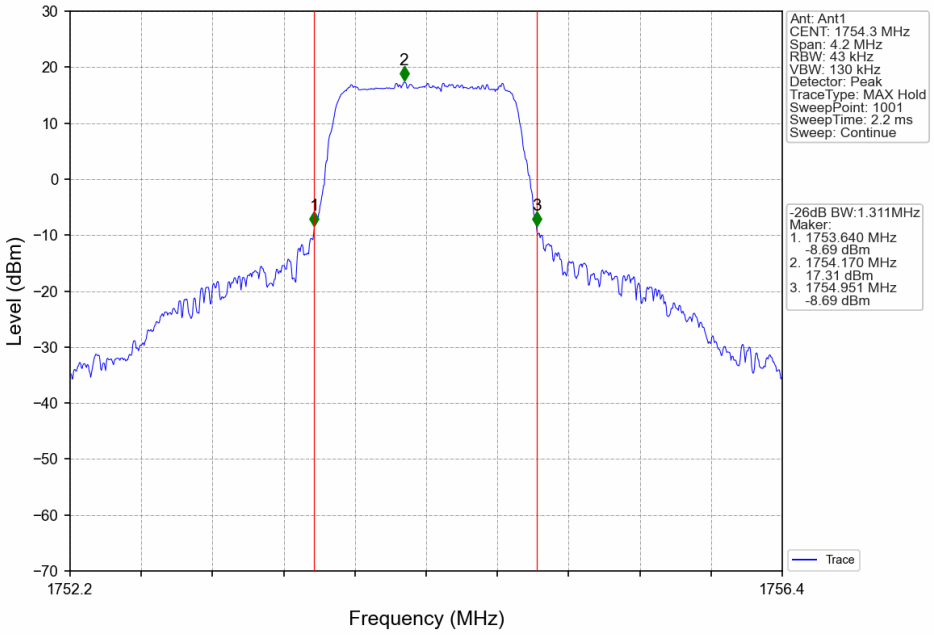
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



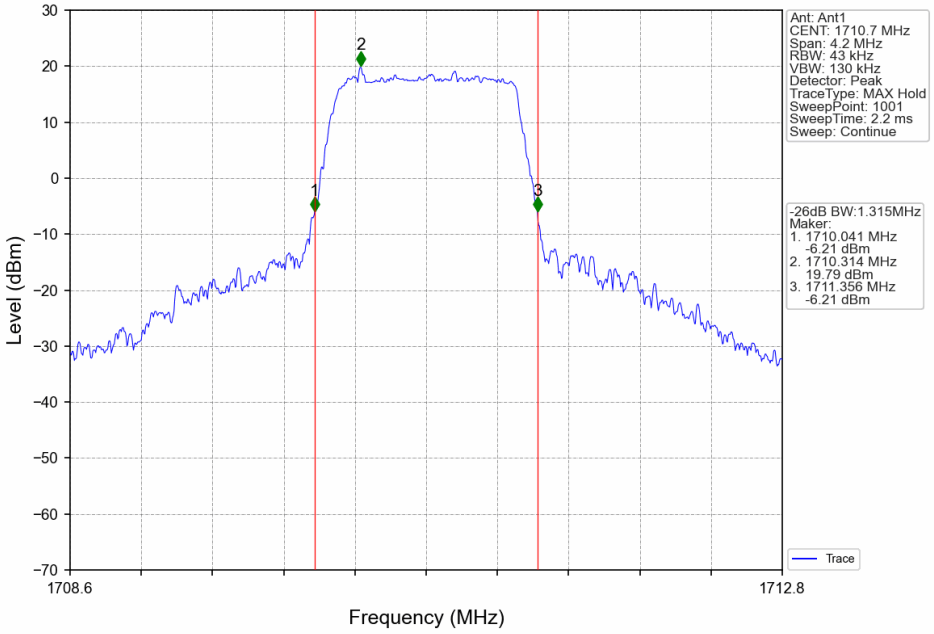
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



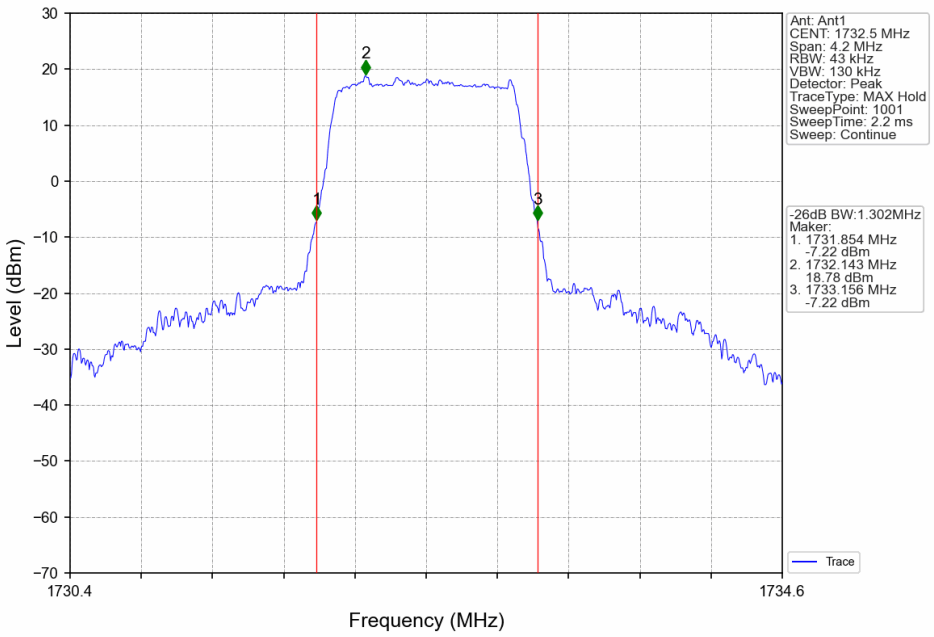
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



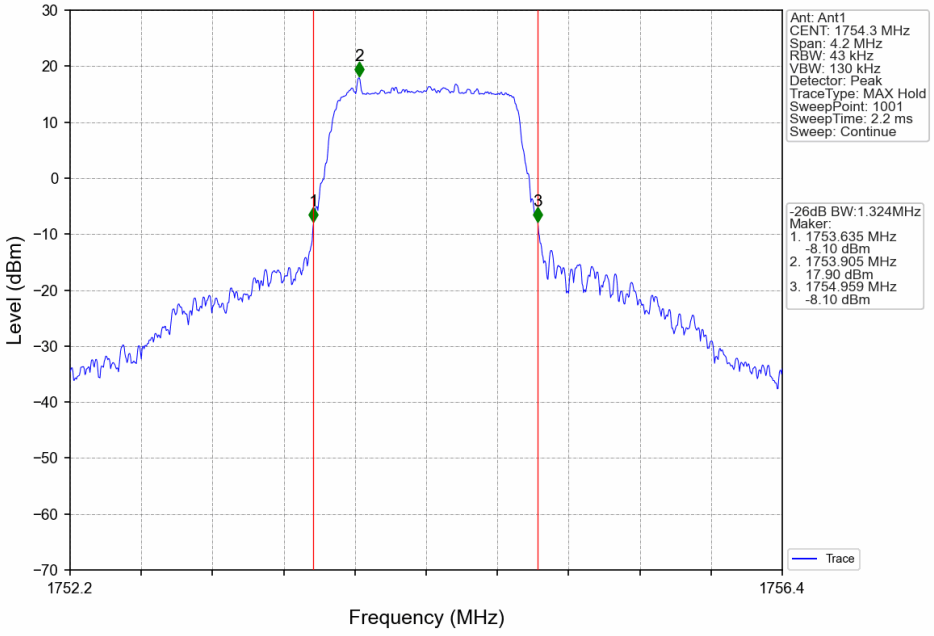
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



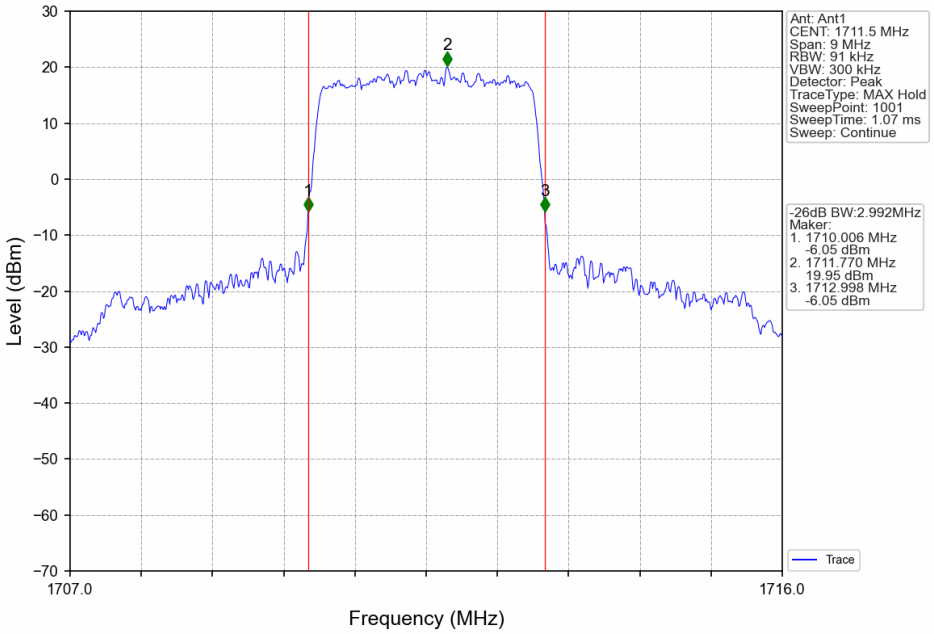
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



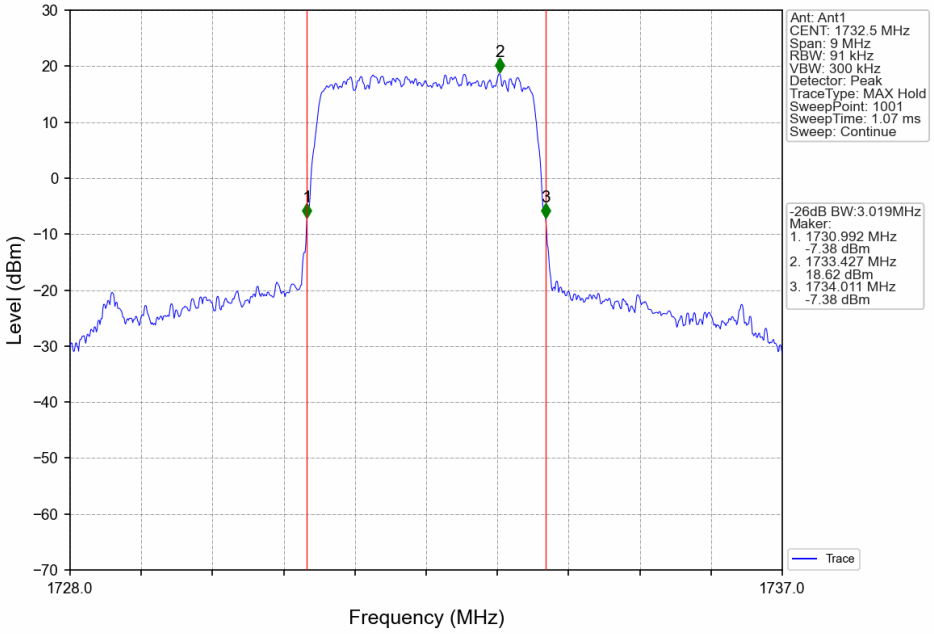
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



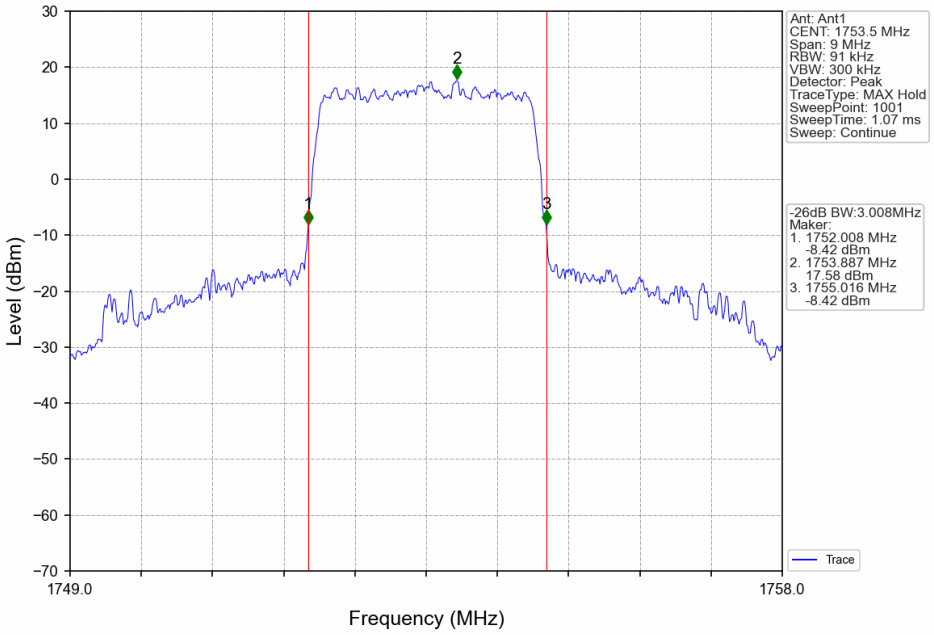
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



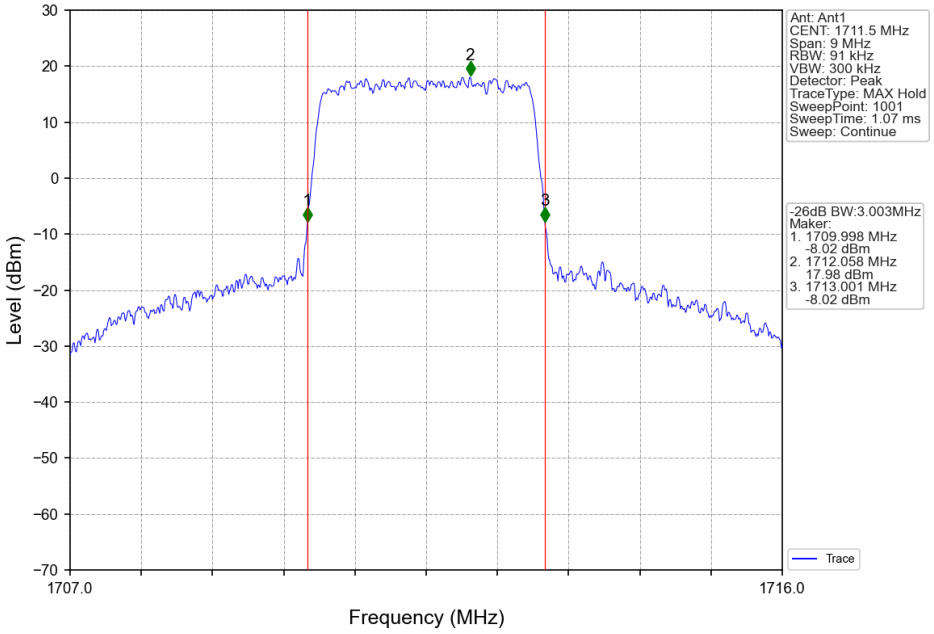
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



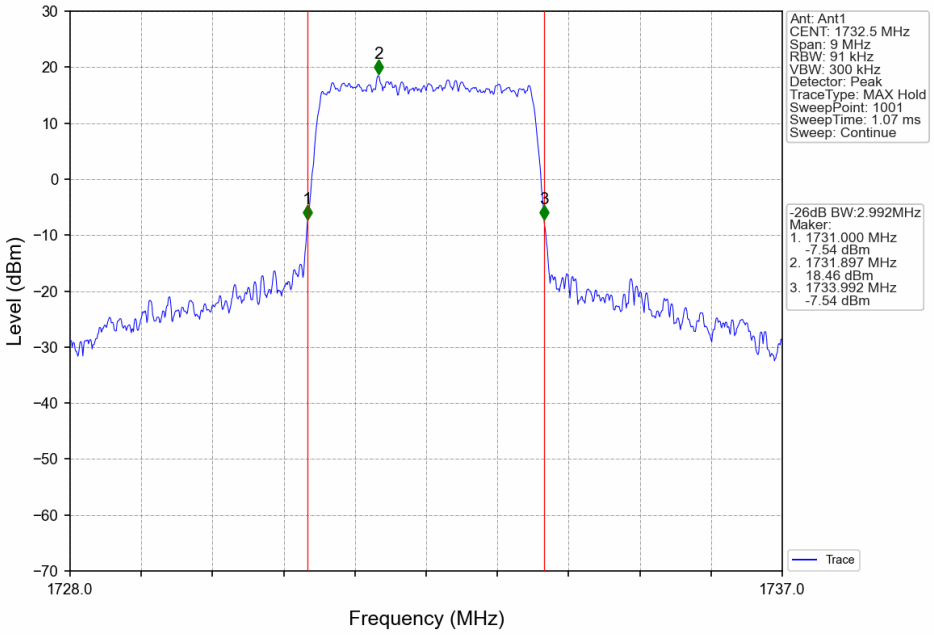
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



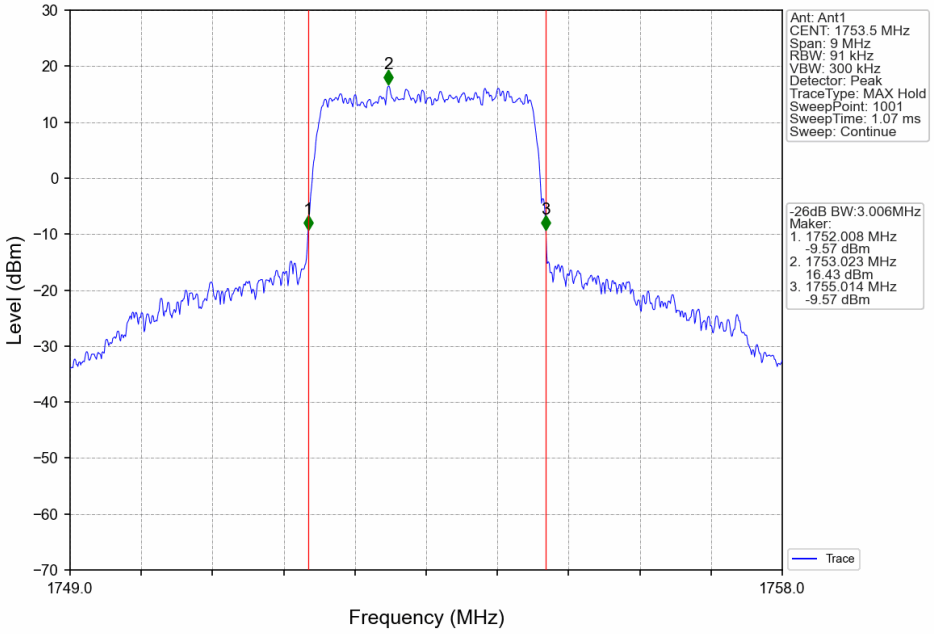
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



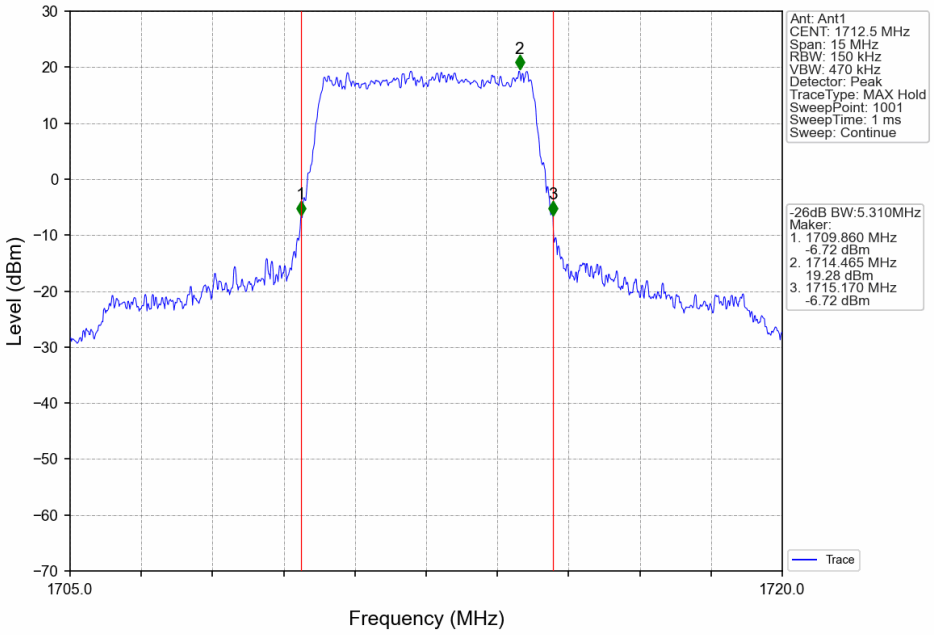
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



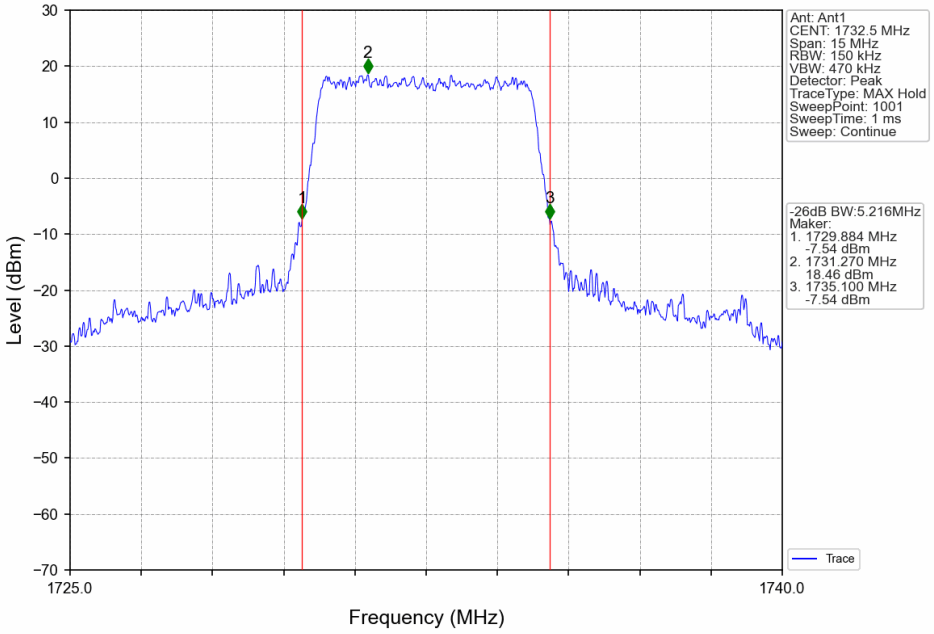
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



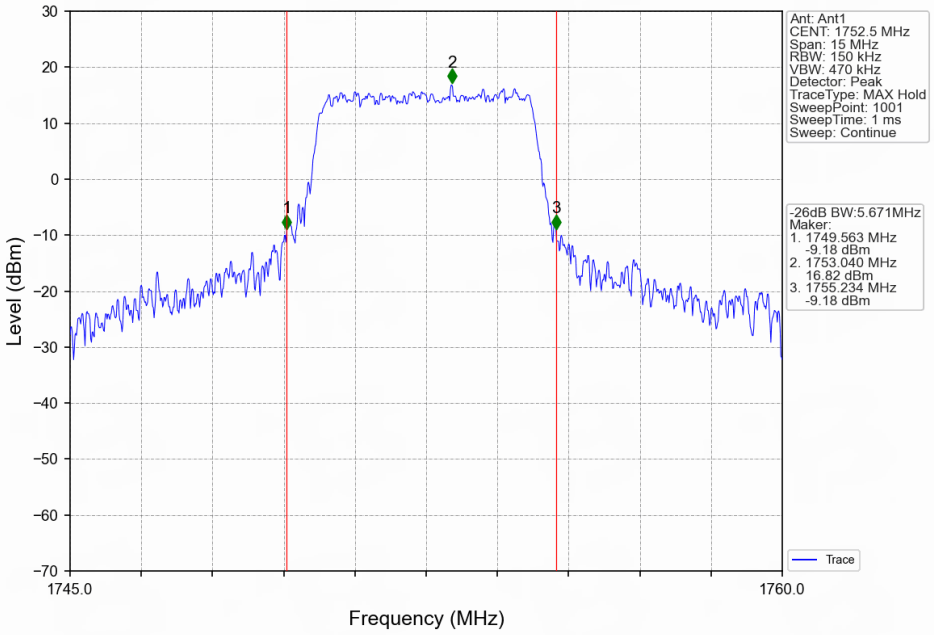
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



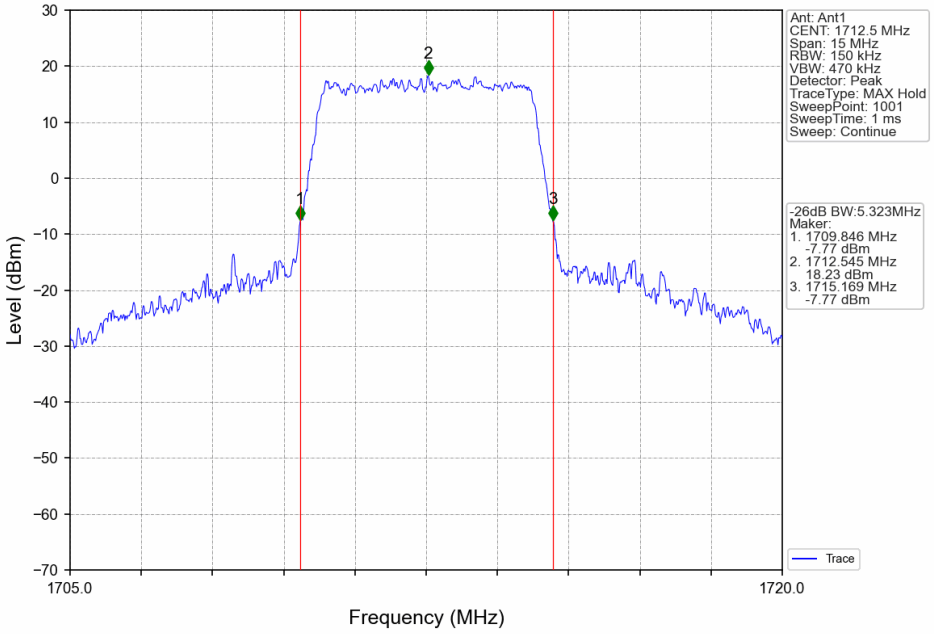
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



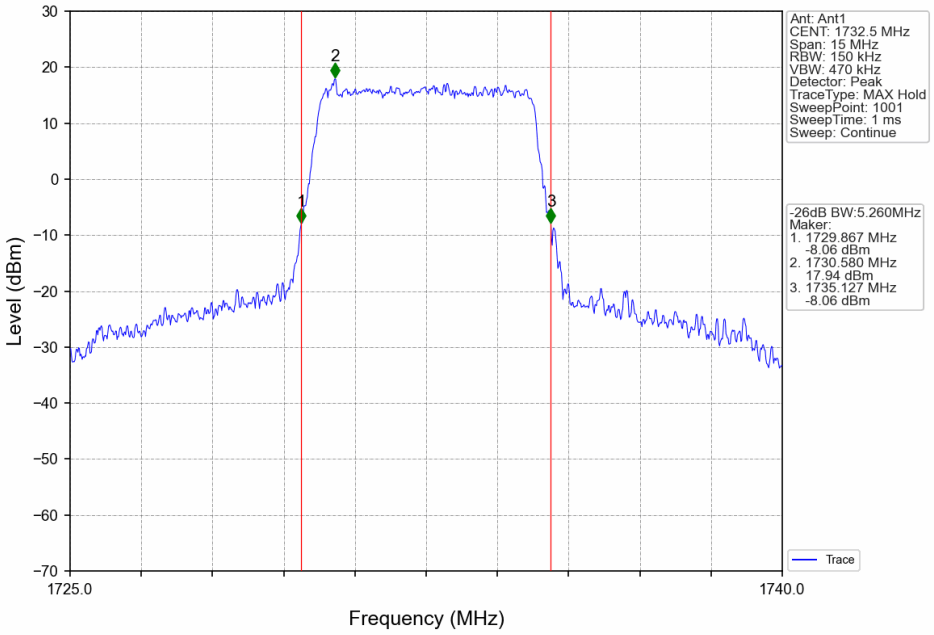
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



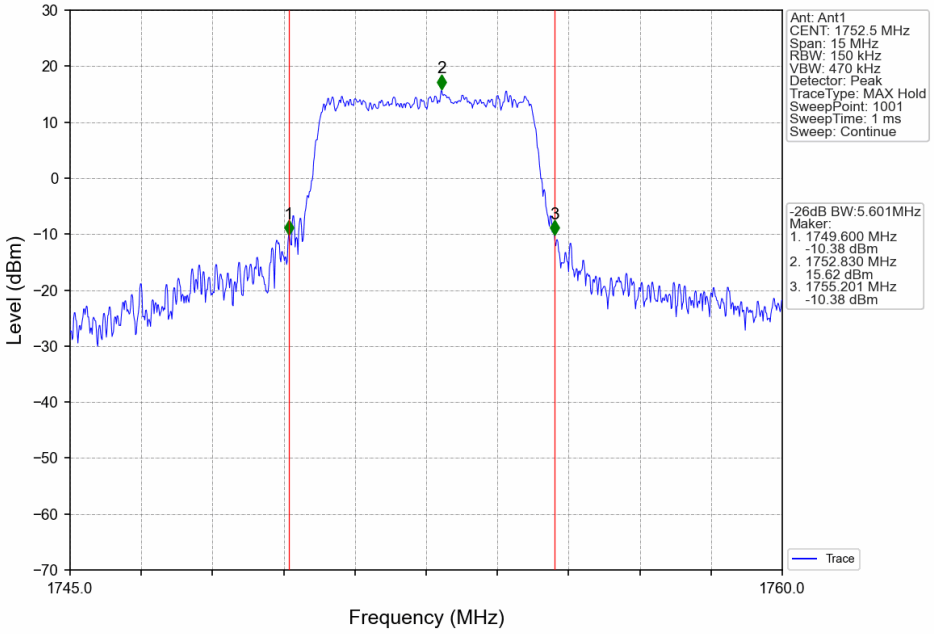
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



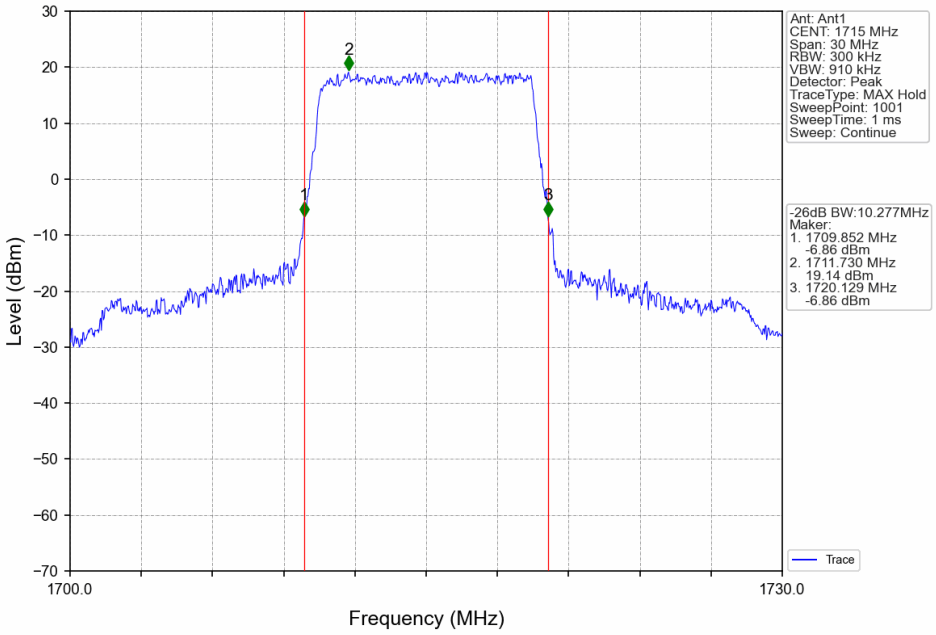
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



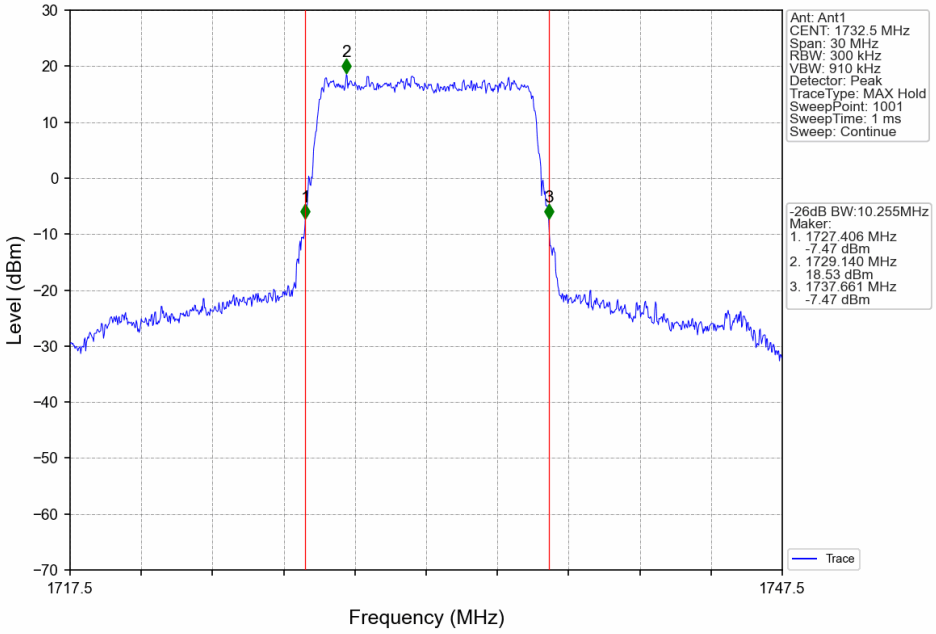
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



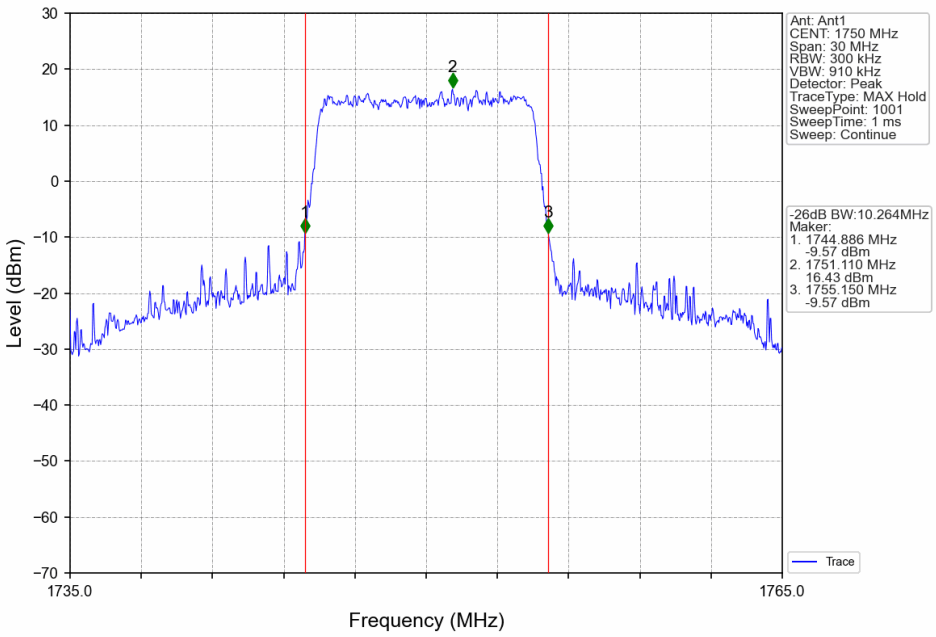
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



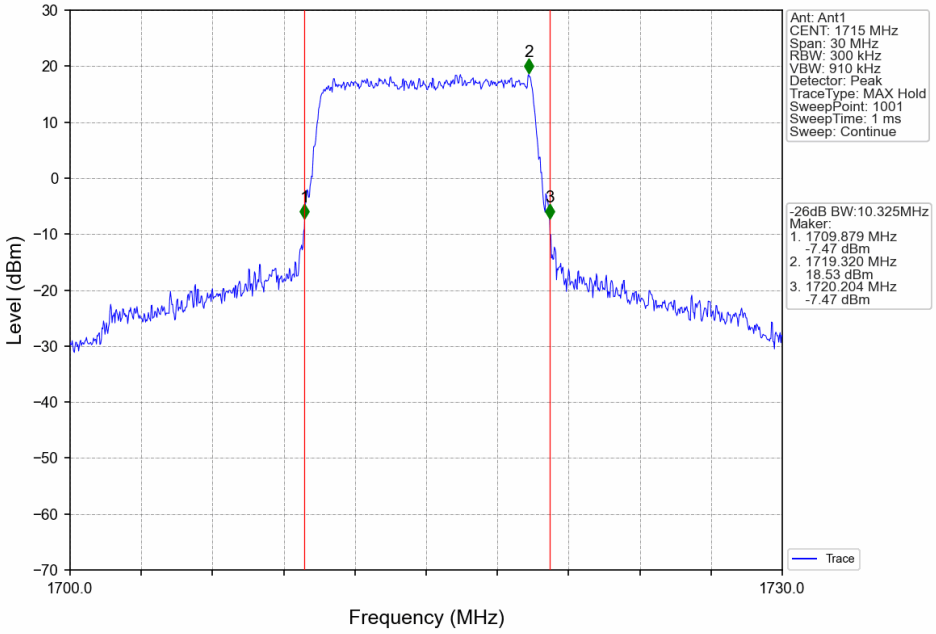
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



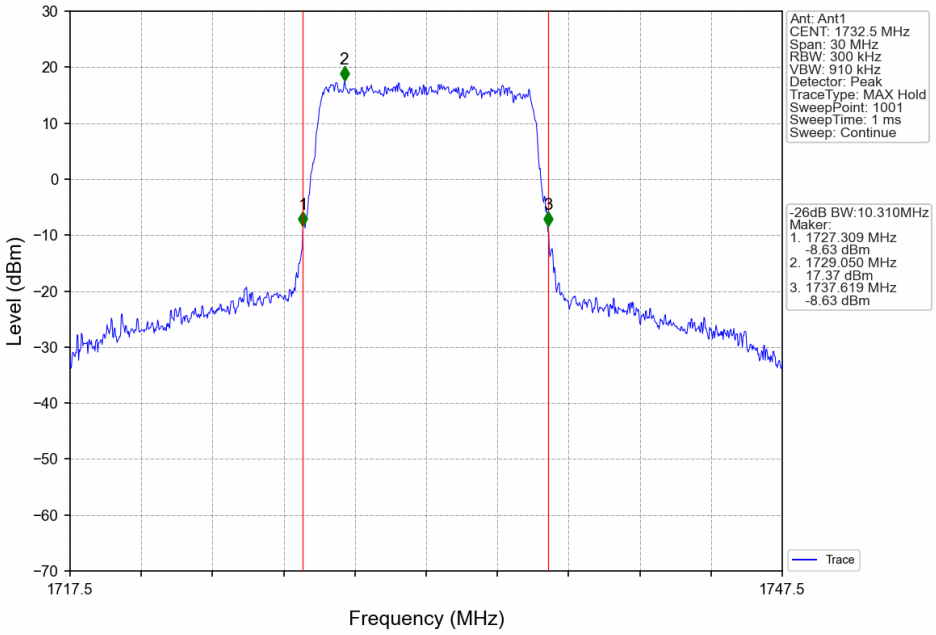
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



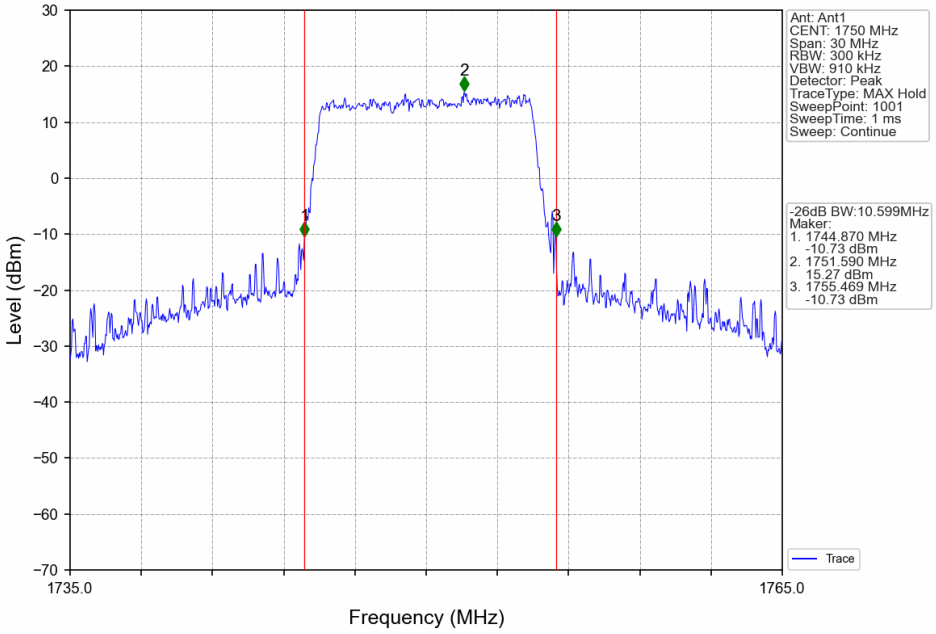
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



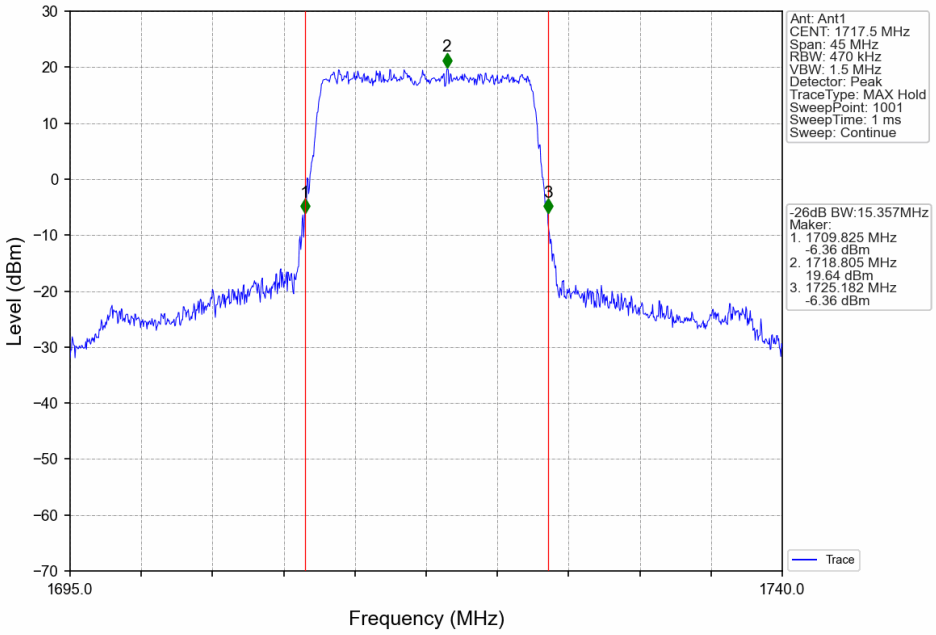
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



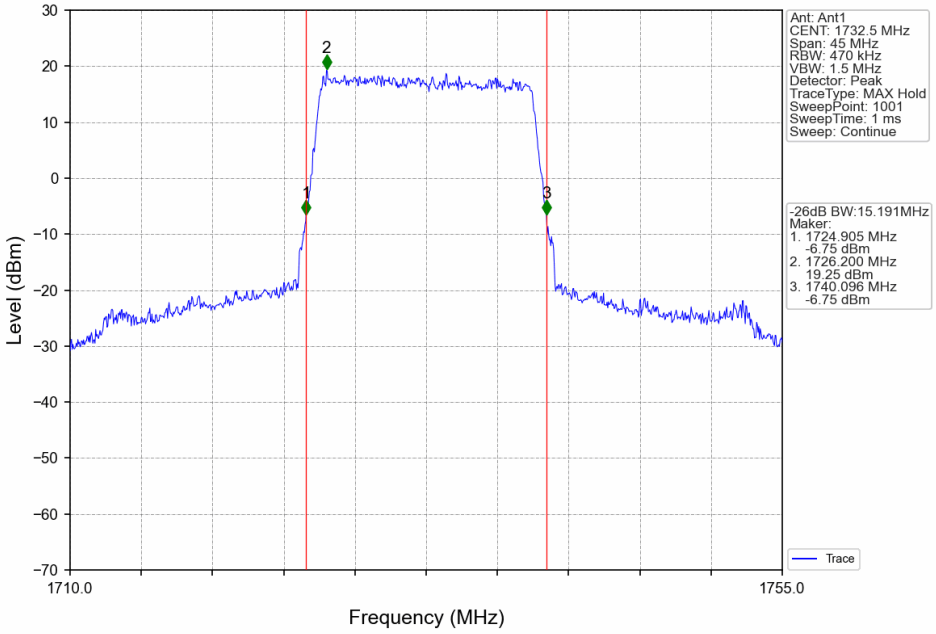
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



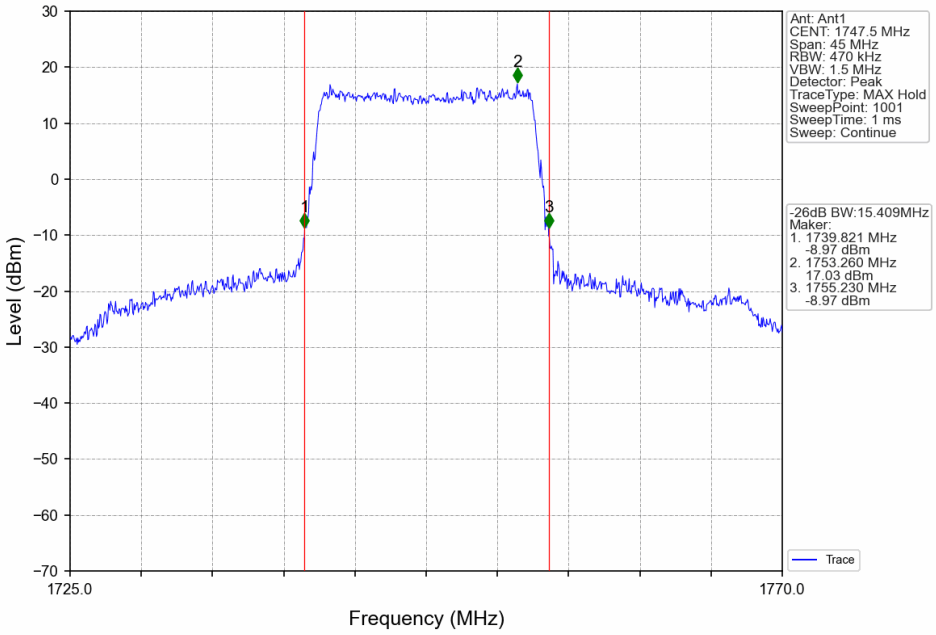
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



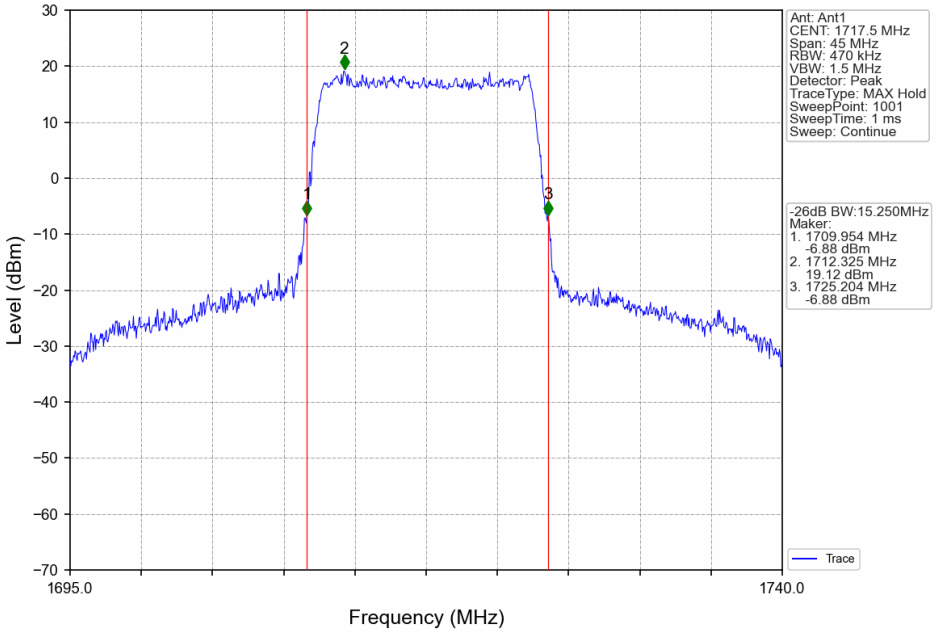
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



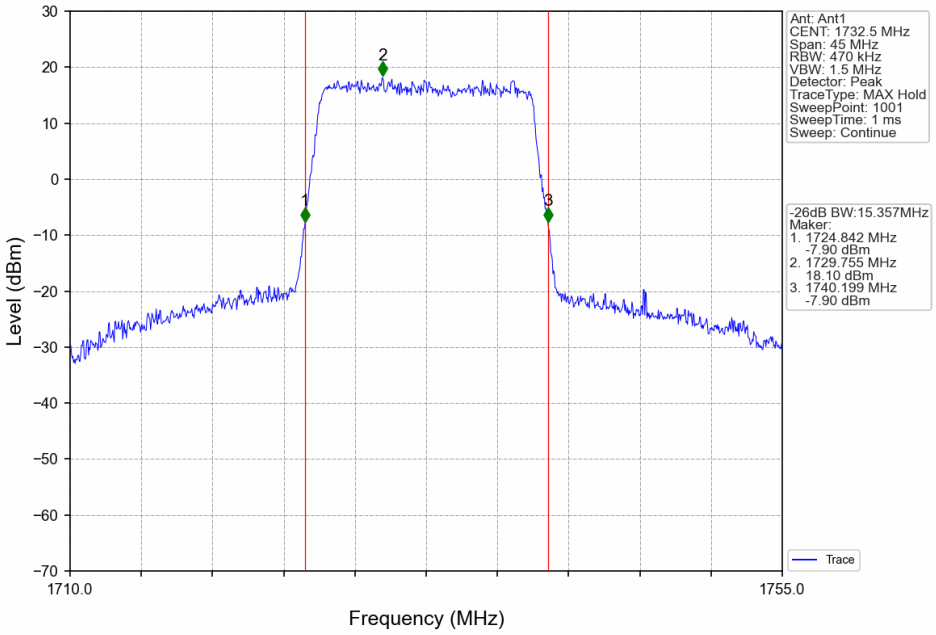
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



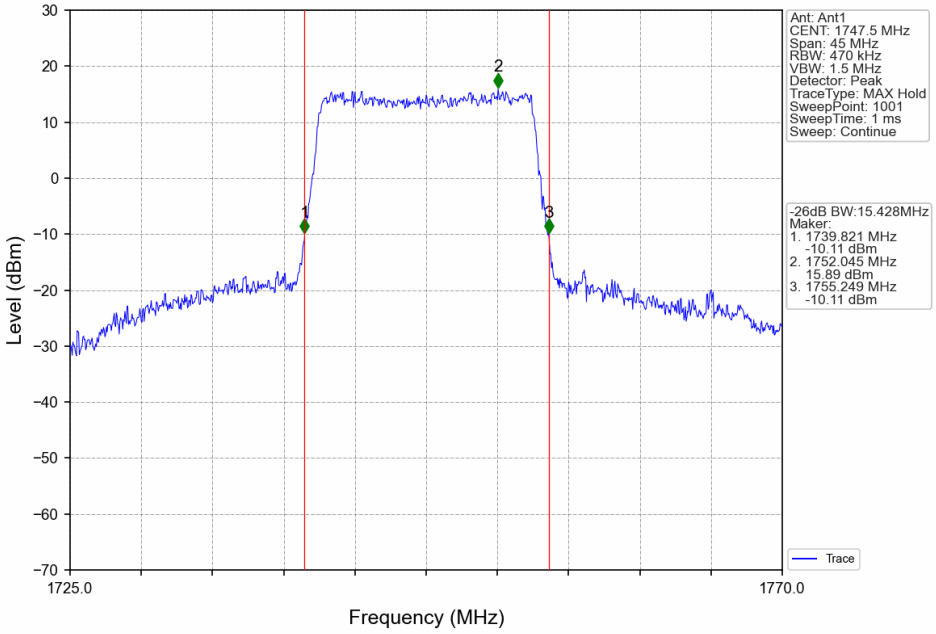
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



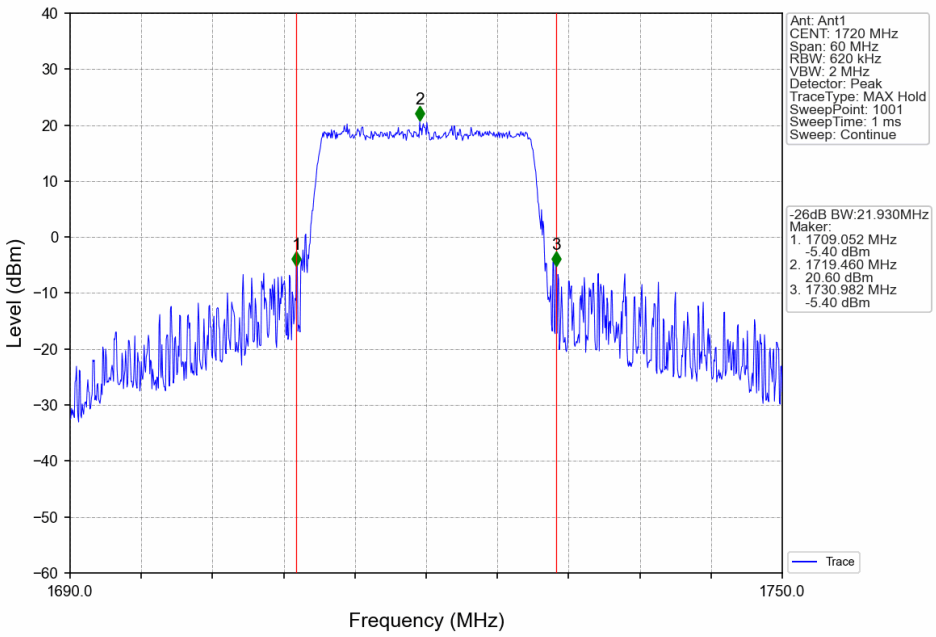
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



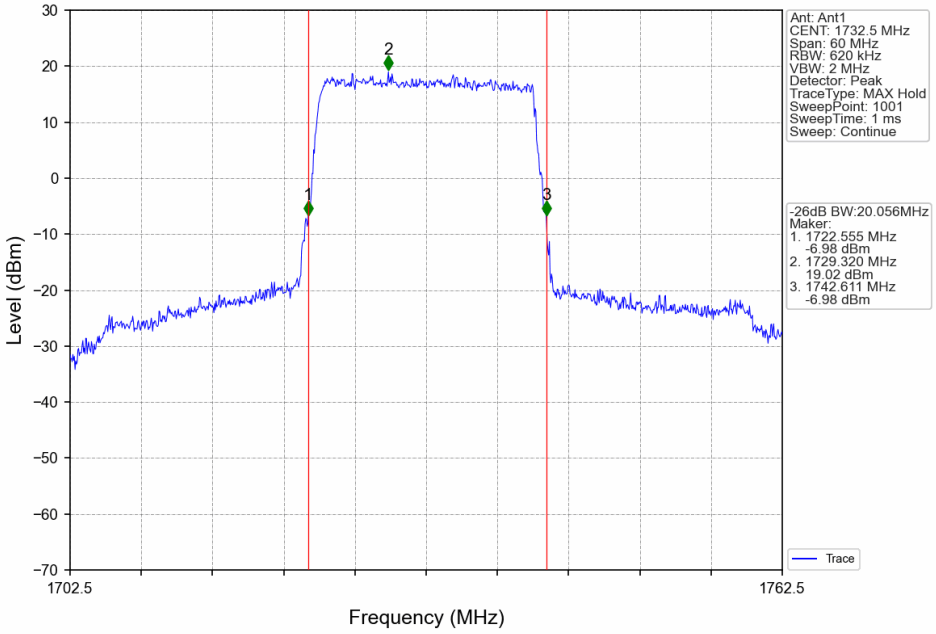
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



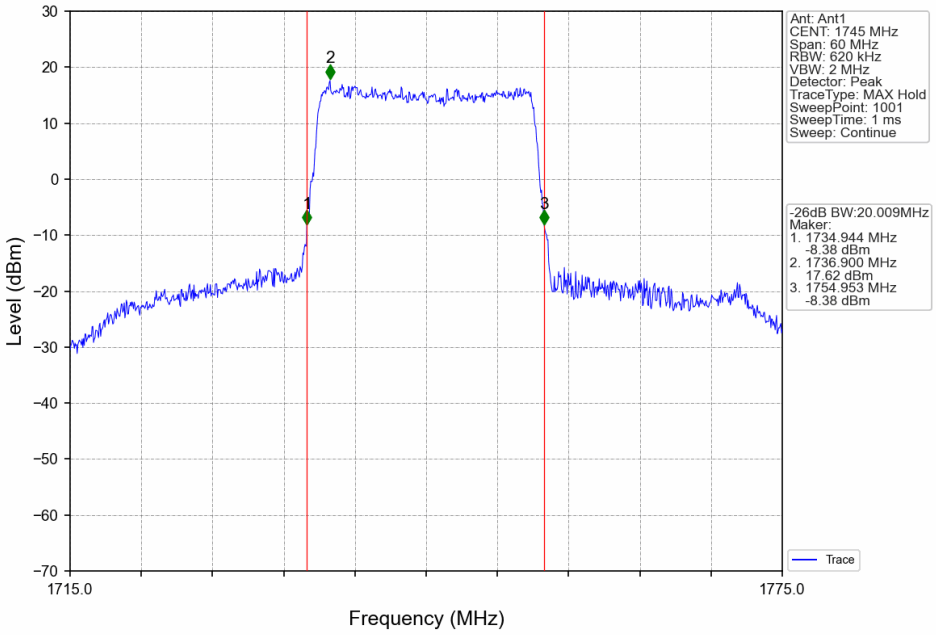
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



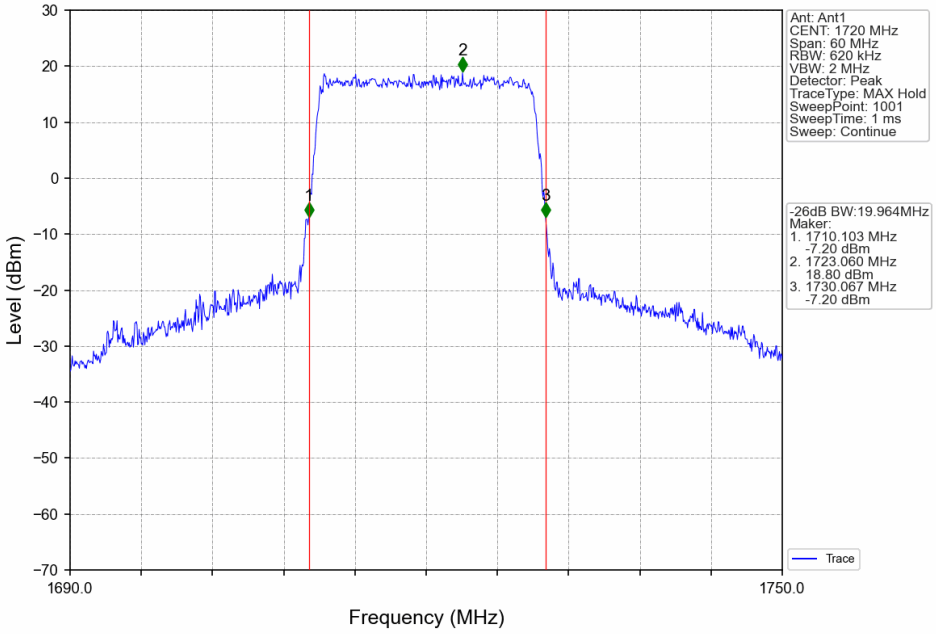
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



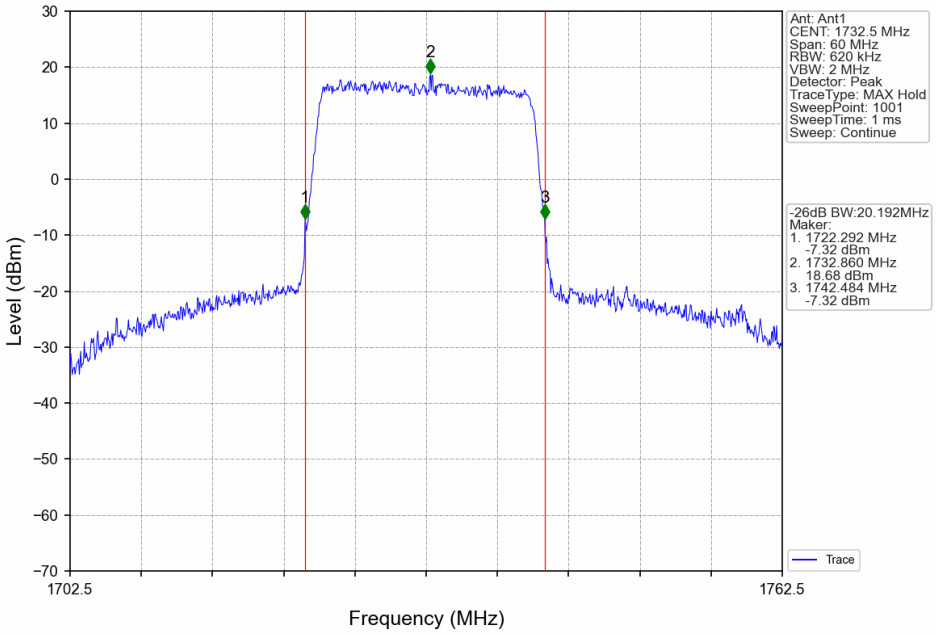
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



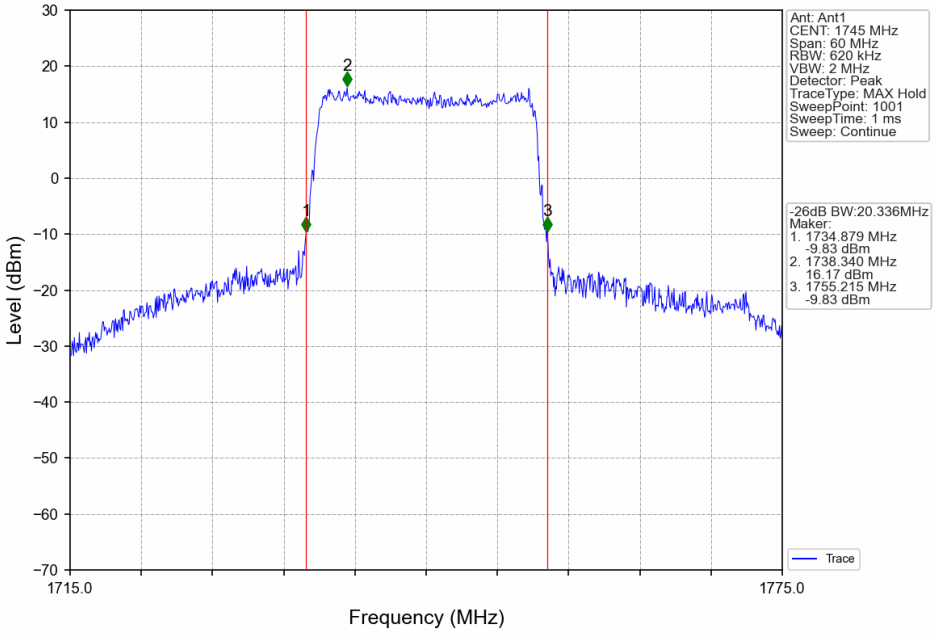
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

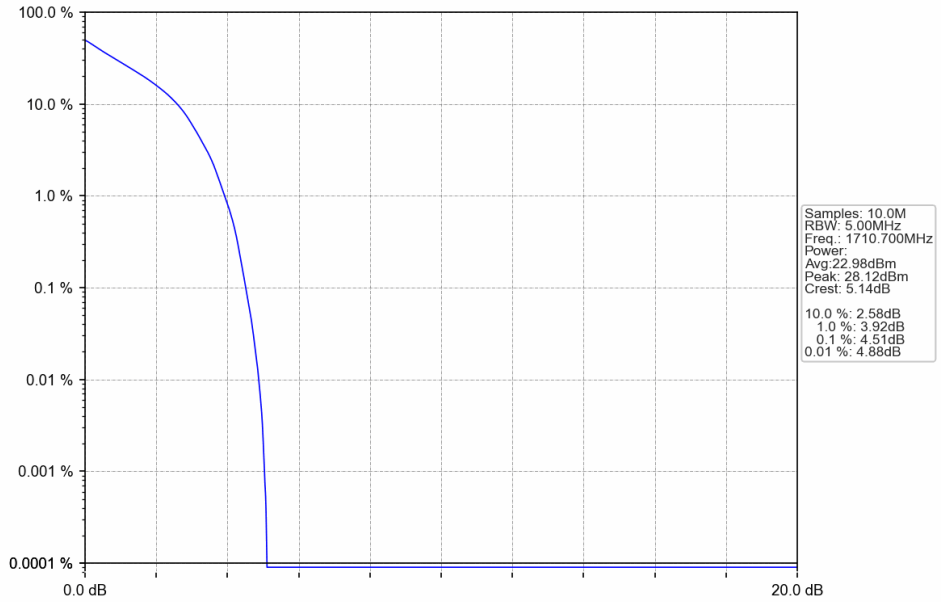
5.1 B4_1.4MHz

5.1.1 Test Result

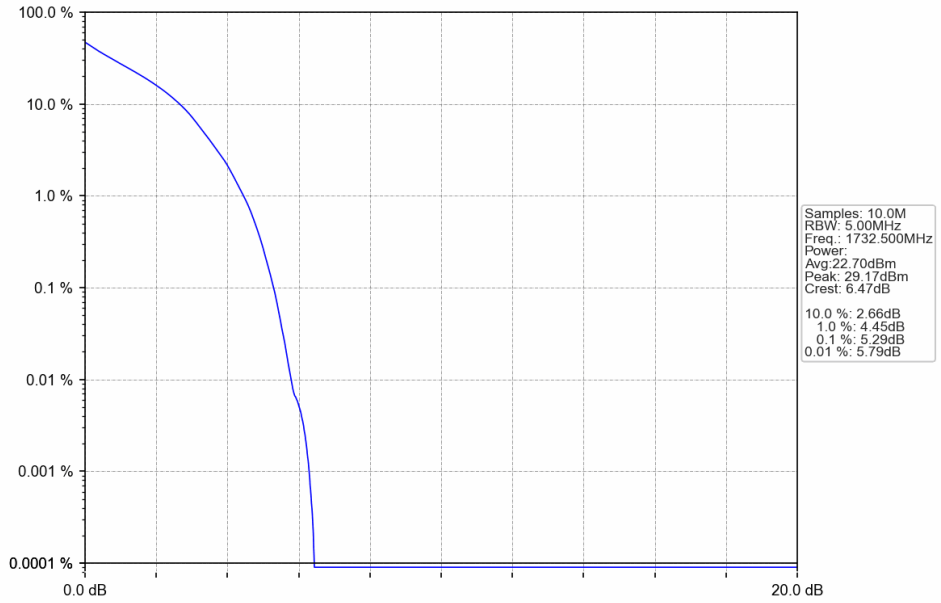
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.51	<=13	Pass
	1732.5	6	0	5.29	<=13	Pass
	1754.3	6	0	4.44	<=13	Pass
16QAM	1710.7	6	0	5.38	<=13	Pass
	1732.5	6	0	6.10	<=13	Pass
	1754.3	6	0	5.29	<=13	Pass

5.1.2 Test Graph

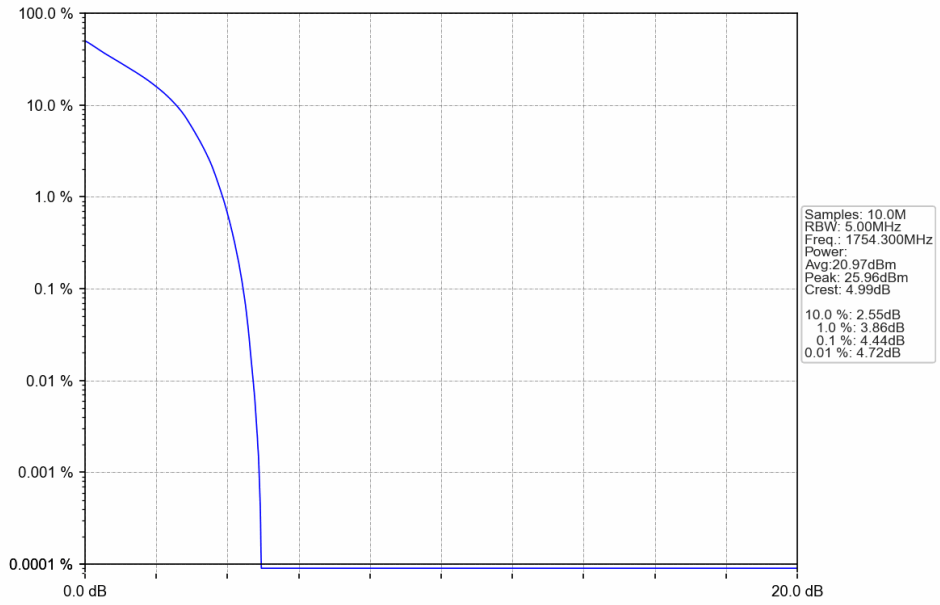
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



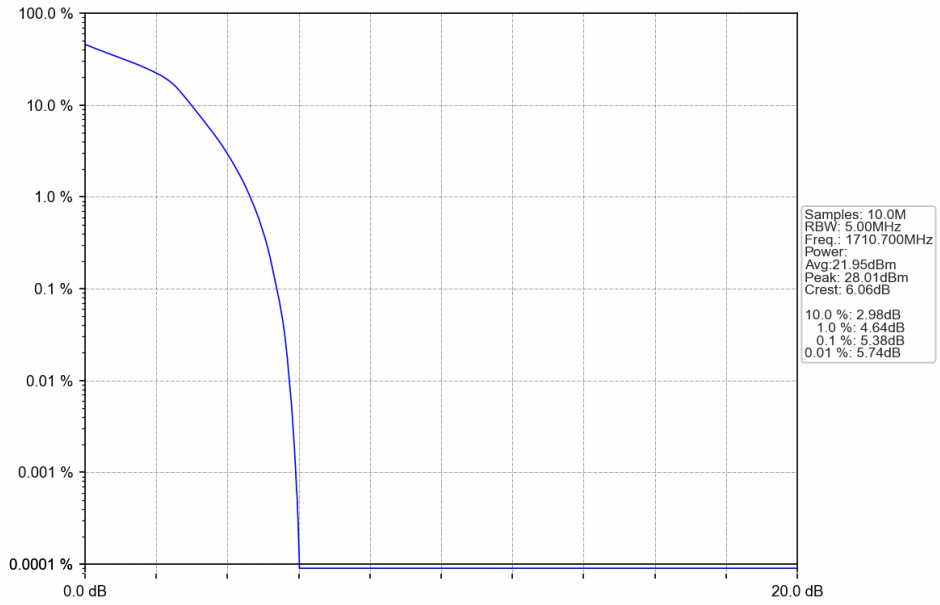
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



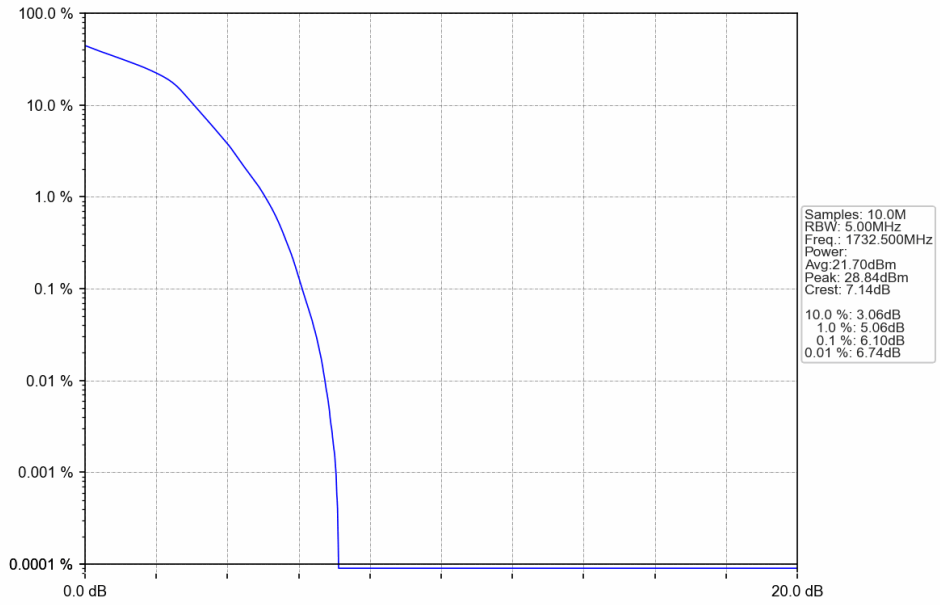
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



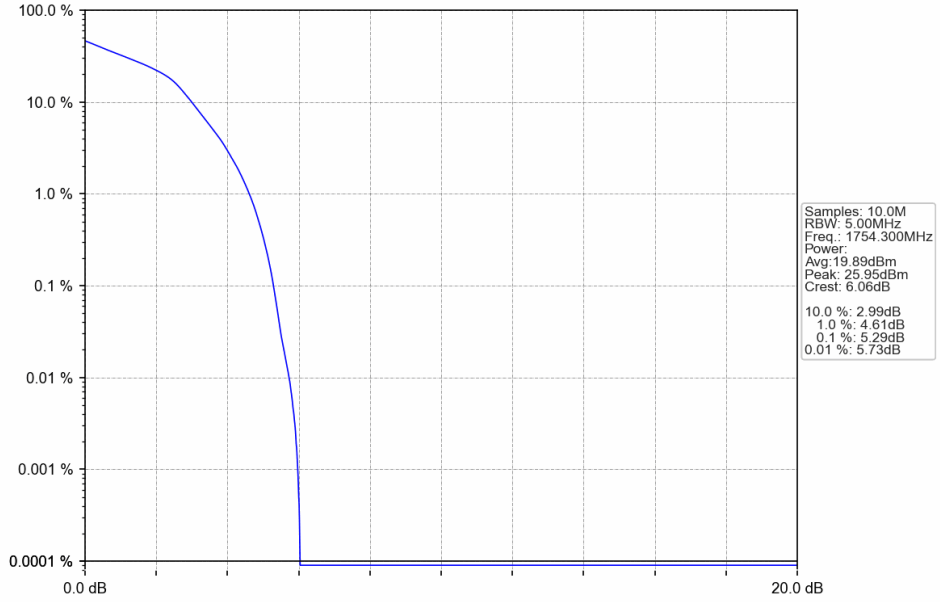
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



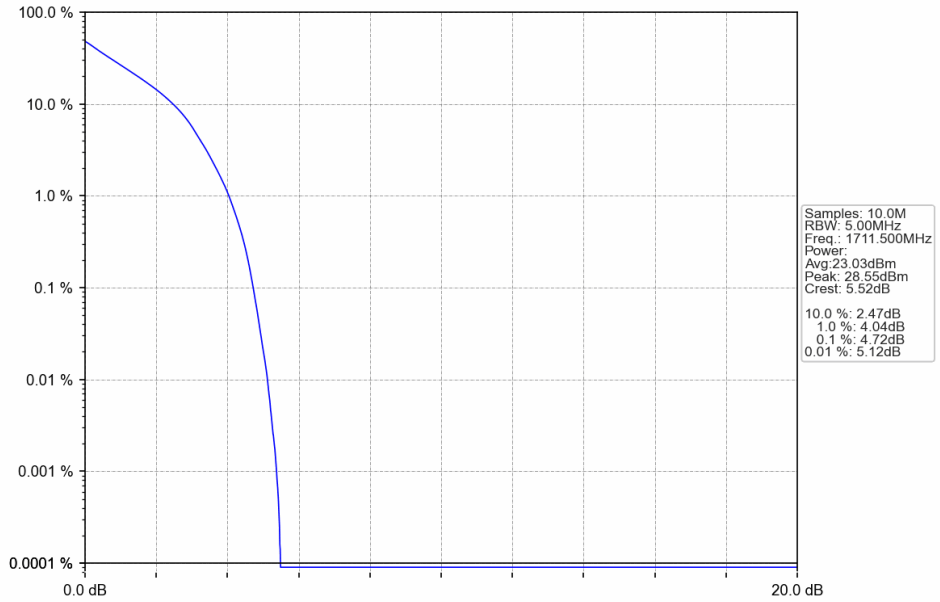
5.2 B4_3MHz

5.2.1 Test Result

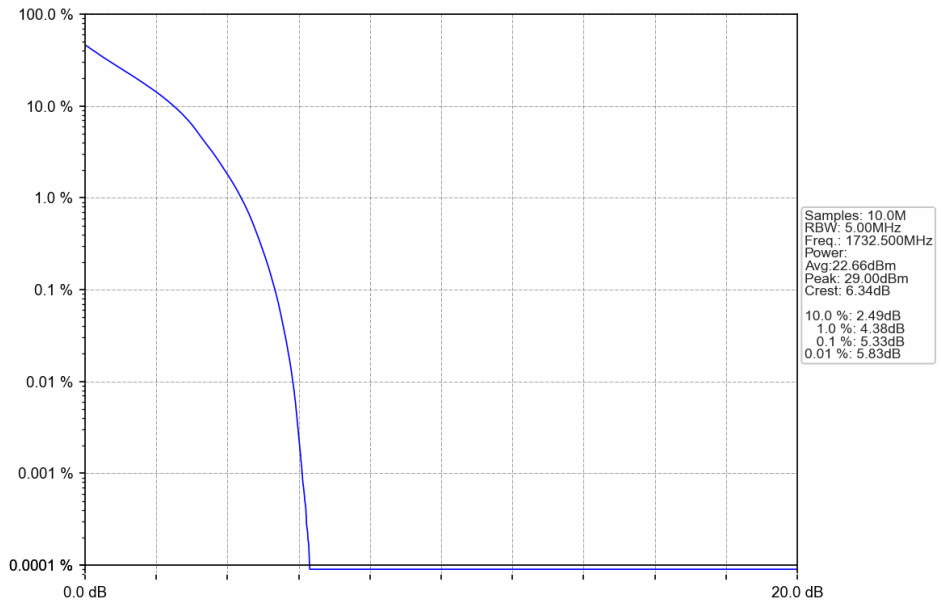
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.72	<=13	Pass
	1732.5	15	0	5.33	<=13	Pass
	1753.5	15	0	4.78	<=13	Pass
16QAM	1711.5	15	0	5.55	<=13	Pass
	1732.5	15	0	6.35	<=13	Pass
	1753.5	15	0	5.61	<=13	Pass

5.2.2 Test Graph

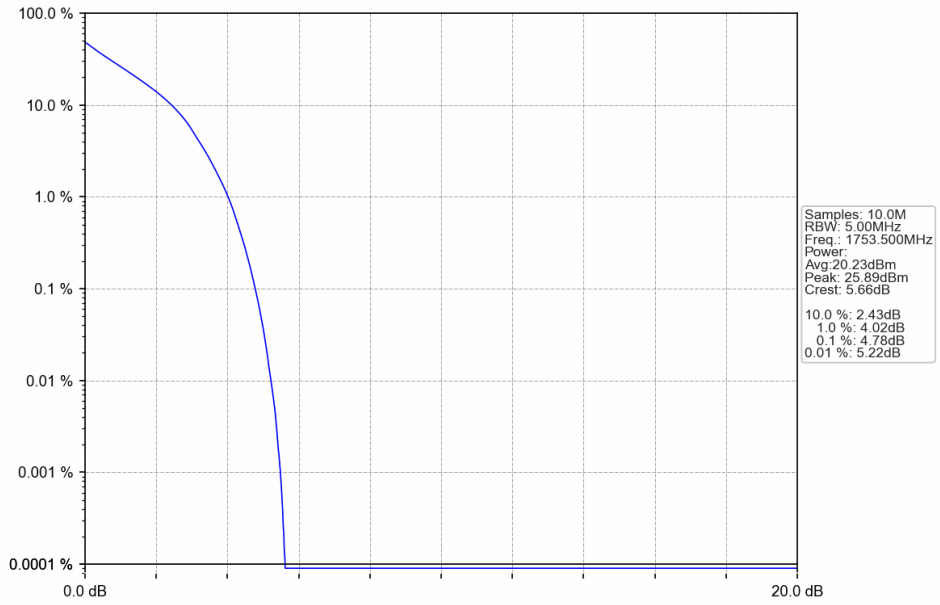
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



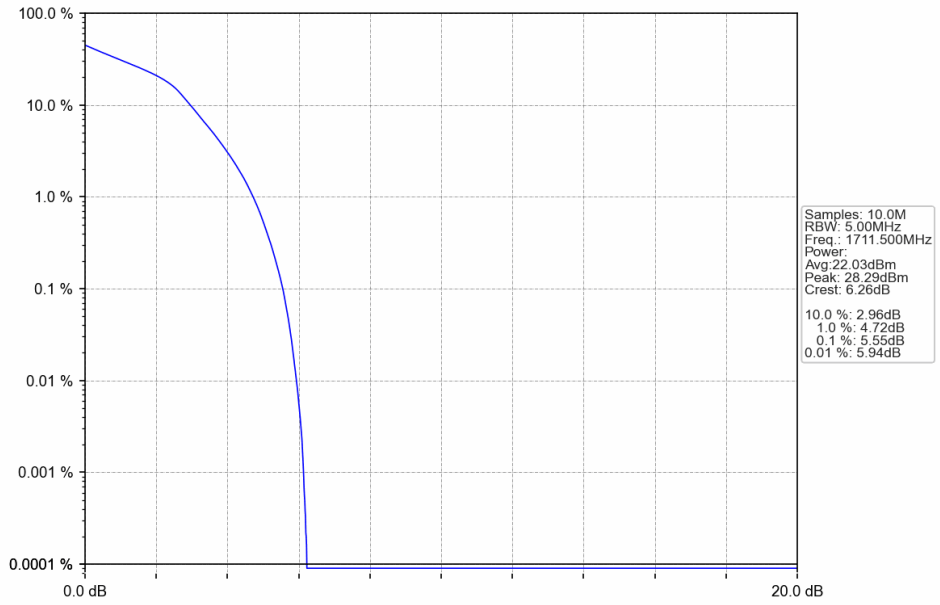
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



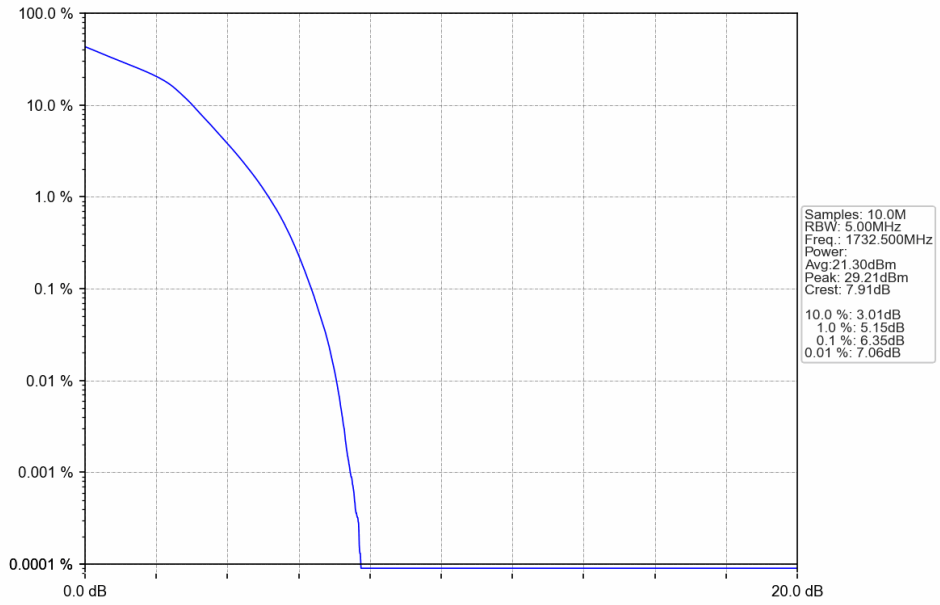
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



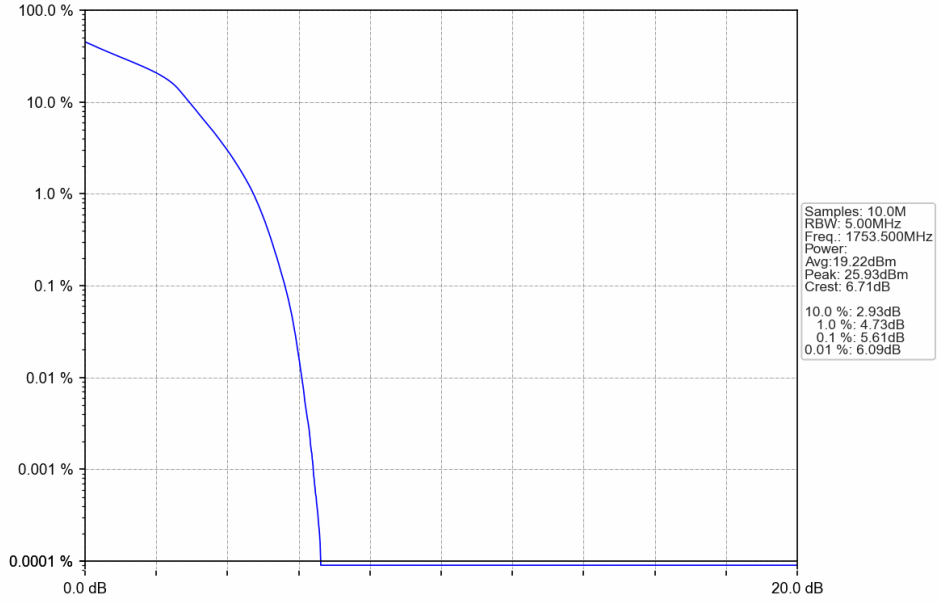
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



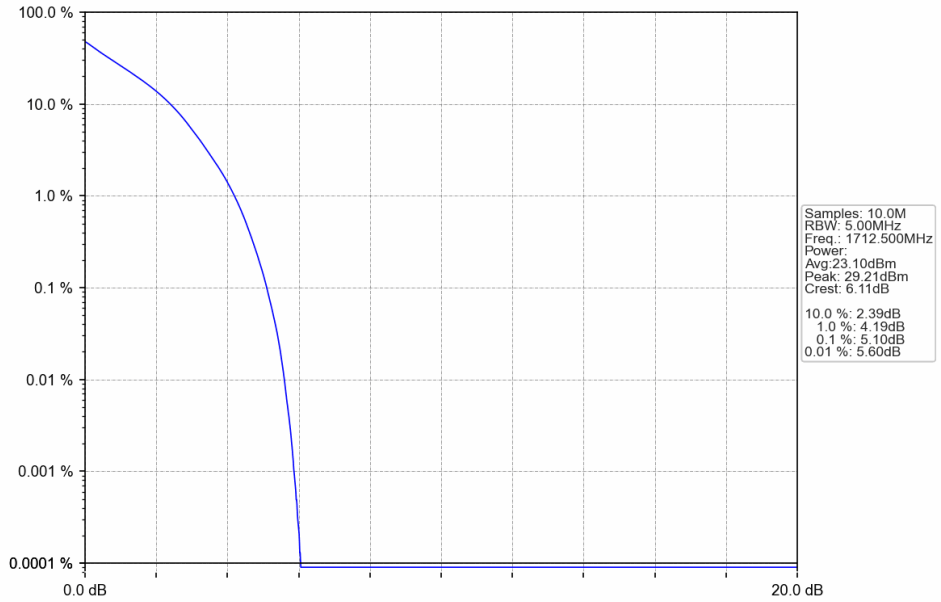
5.3 B4_5MHz

5.3.1 Test Result

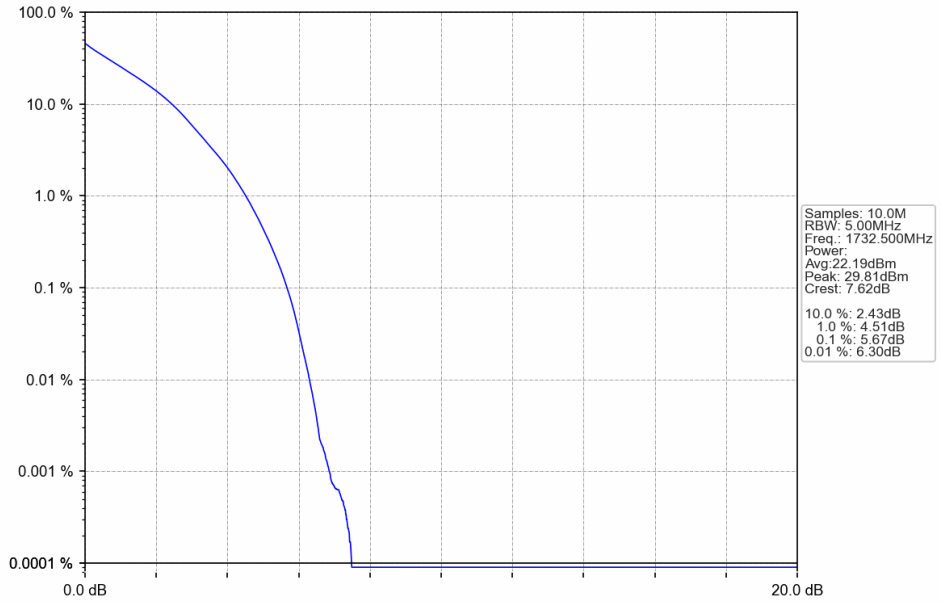
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.10	<=13	Pass
	1732.5	25	0	5.67	<=13	Pass
	1752.5	25	0	5.15	<=13	Pass
16QAM	1712.5	25	0	5.99	<=13	Pass
	1732.5	25	0	6.37	<=13	Pass
	1752.5	25	0	5.84	<=13	Pass

5.3.2 Test Graph

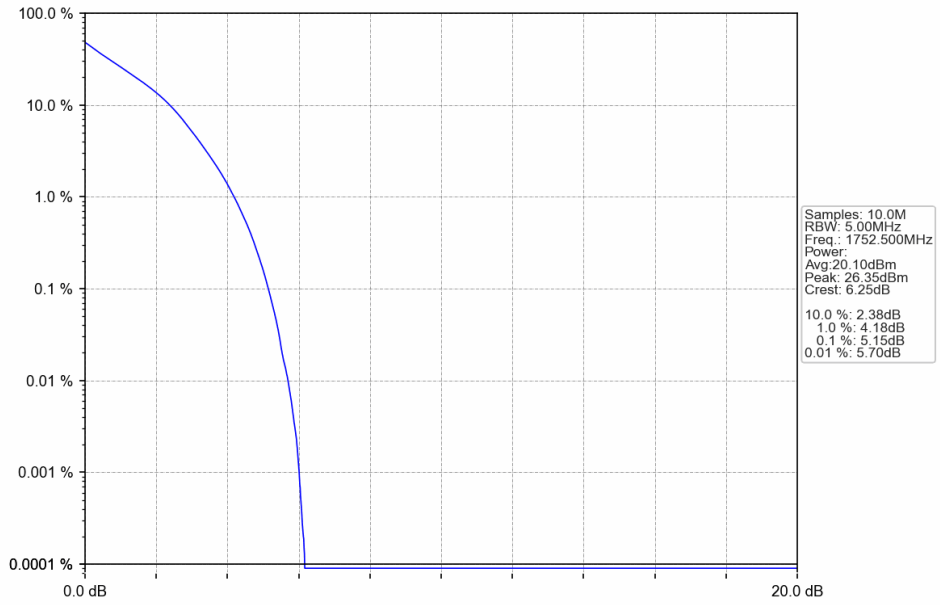
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



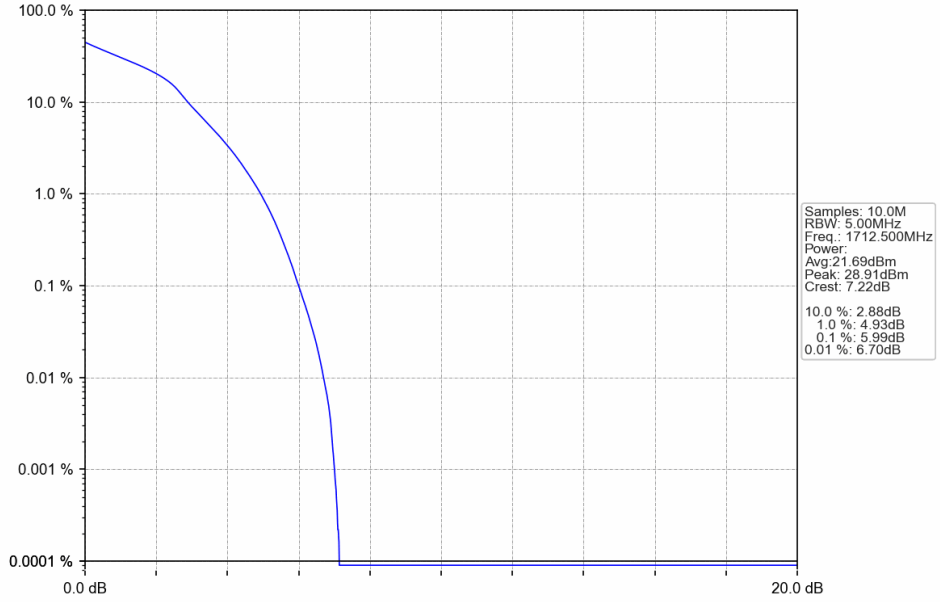
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



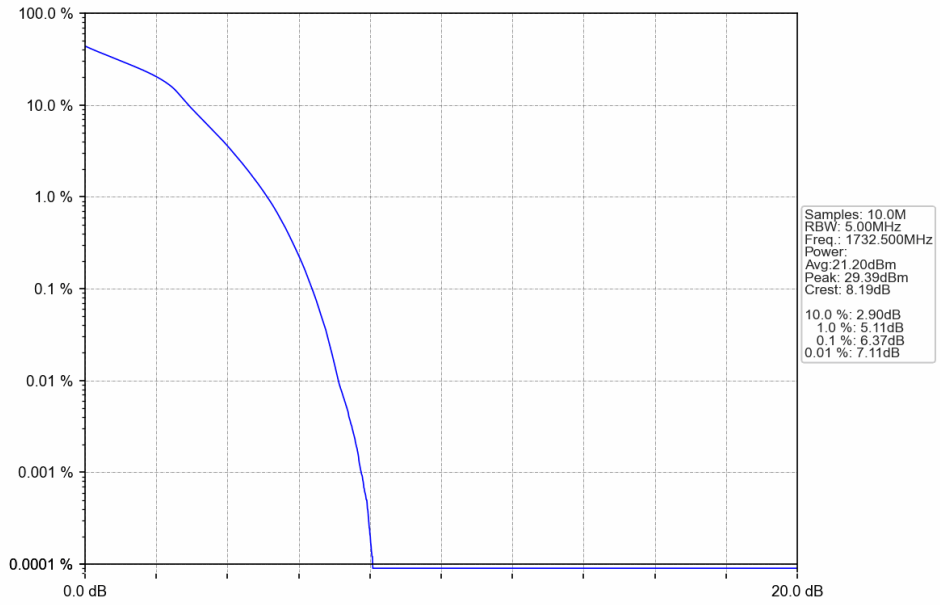
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



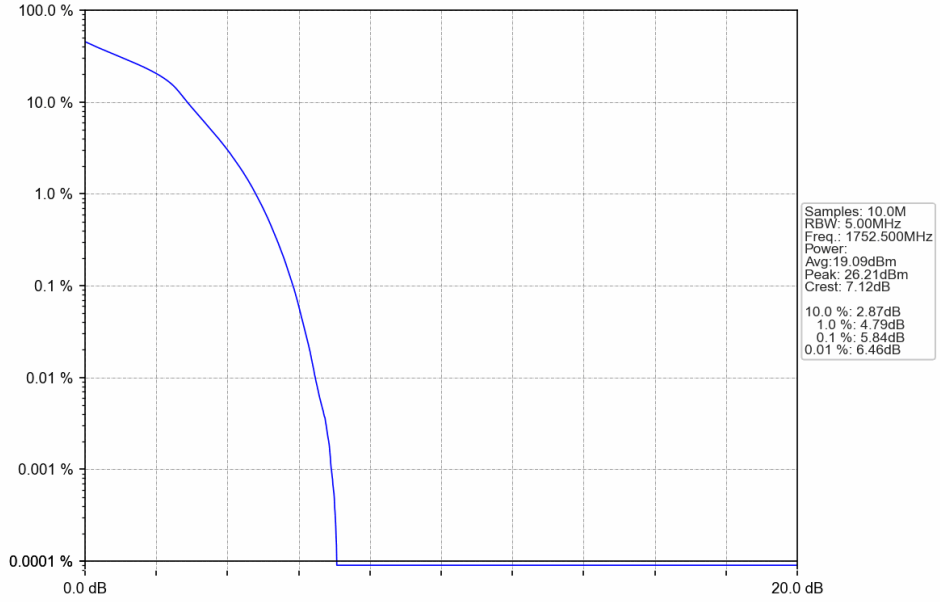
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



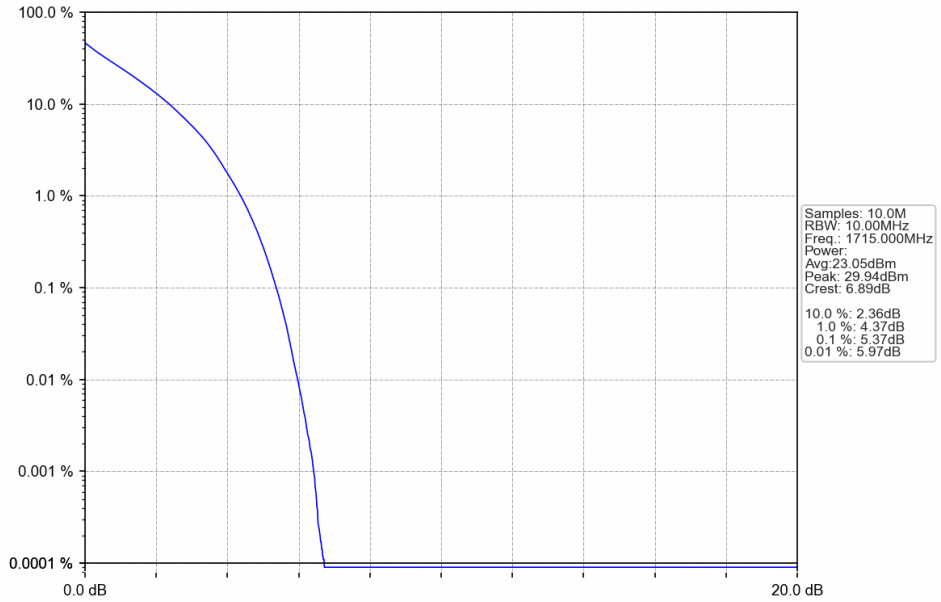
5.4 B4_10MHz

5.4.1 Test Result

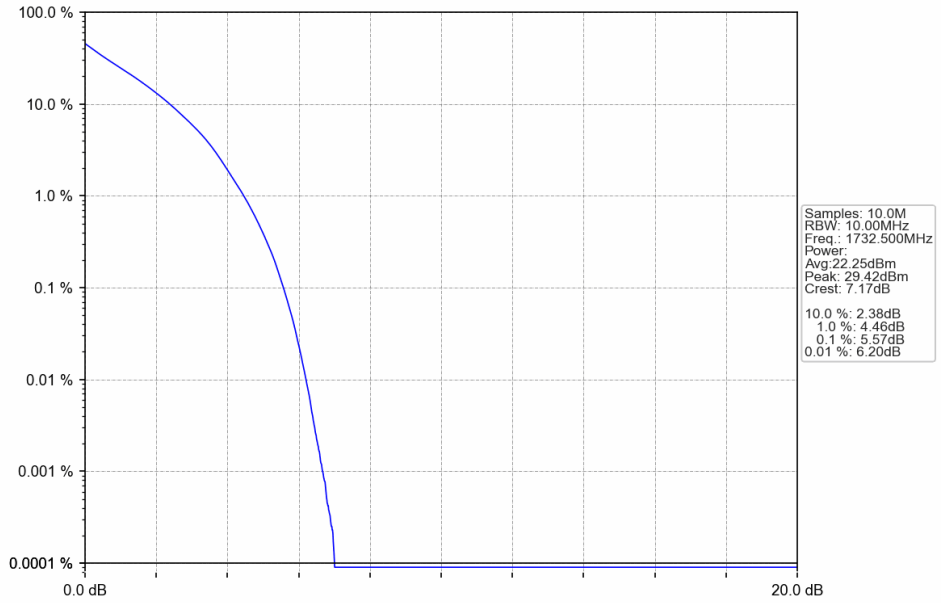
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.37	<=13	Pass
	1732.5	50	0	5.57	<=13	Pass
	1750	50	0	5.15	<=13	Pass
16QAM	1715	50	0	6.17	<=13	Pass
	1732.5	50	0	6.38	<=13	Pass
	1750	50	0	5.87	<=13	Pass

5.4.2 Test Graph

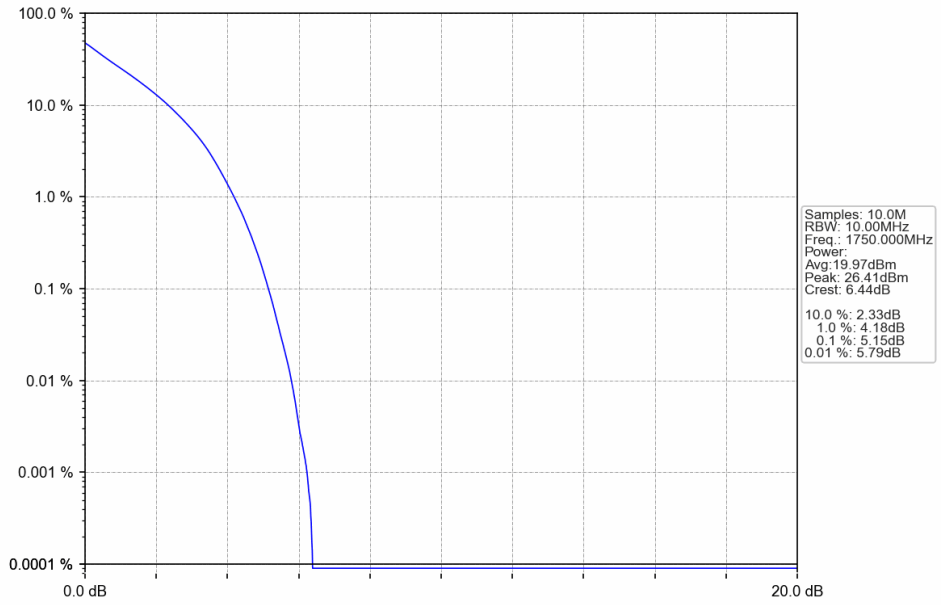
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



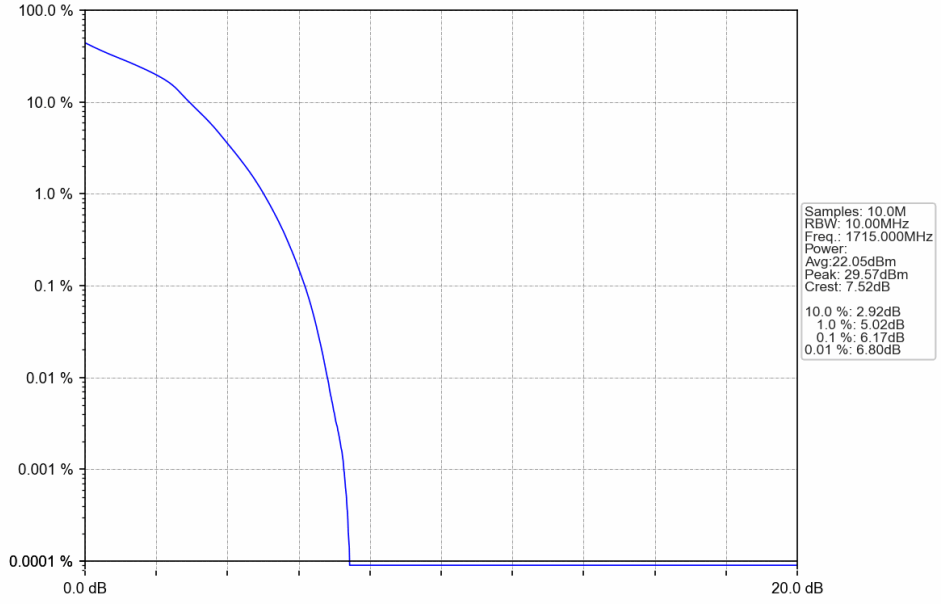
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



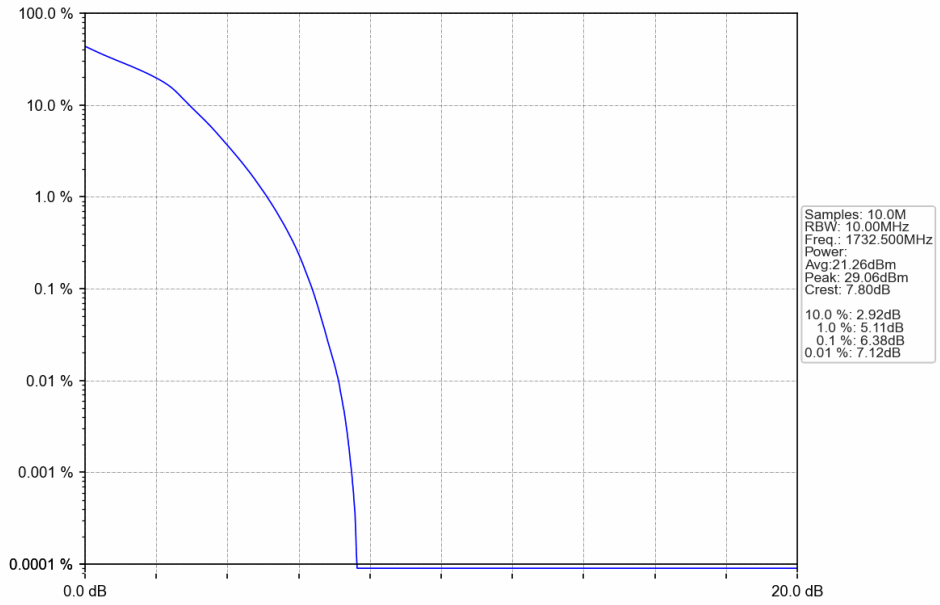
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



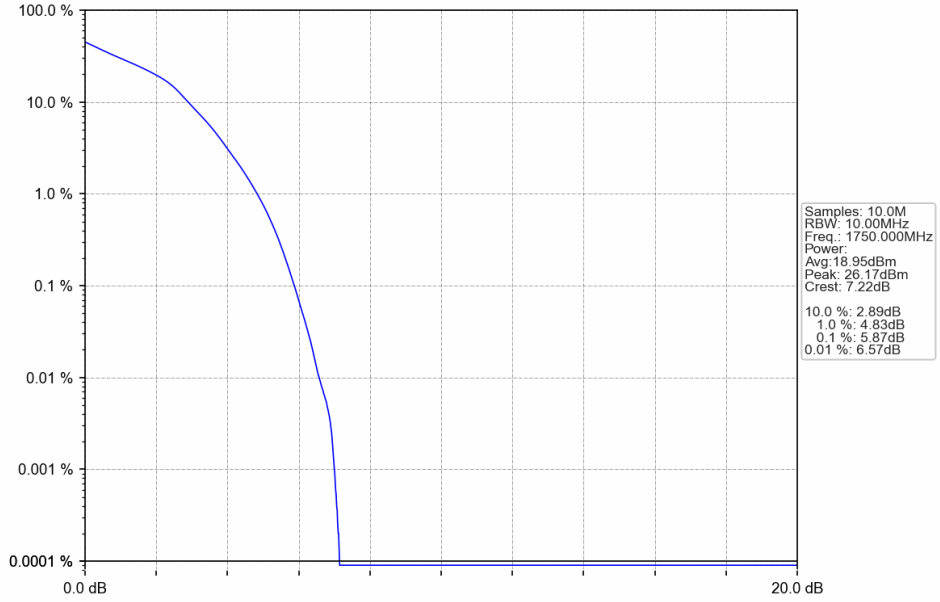
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



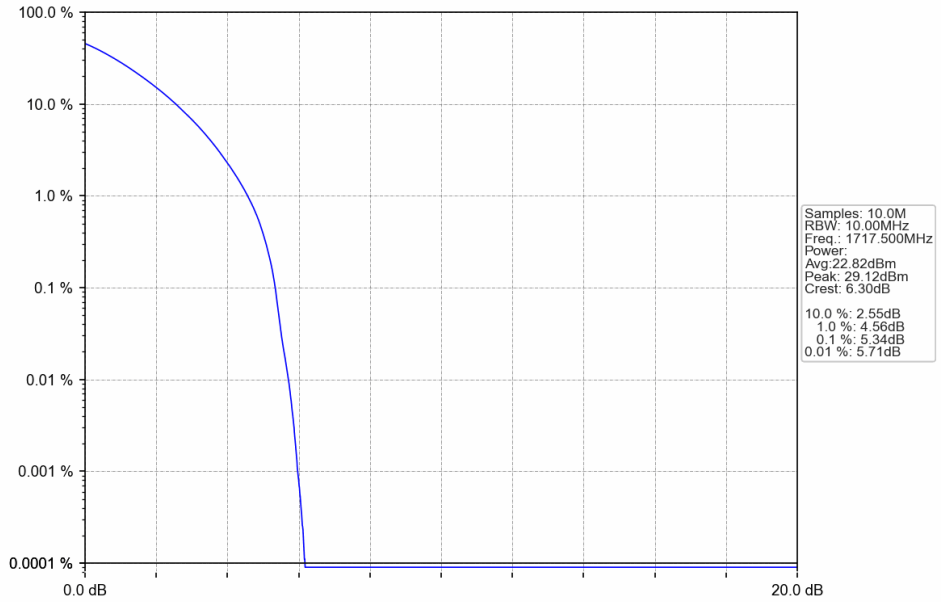
5.5 B4_15MHz

5.5.1 Test Result

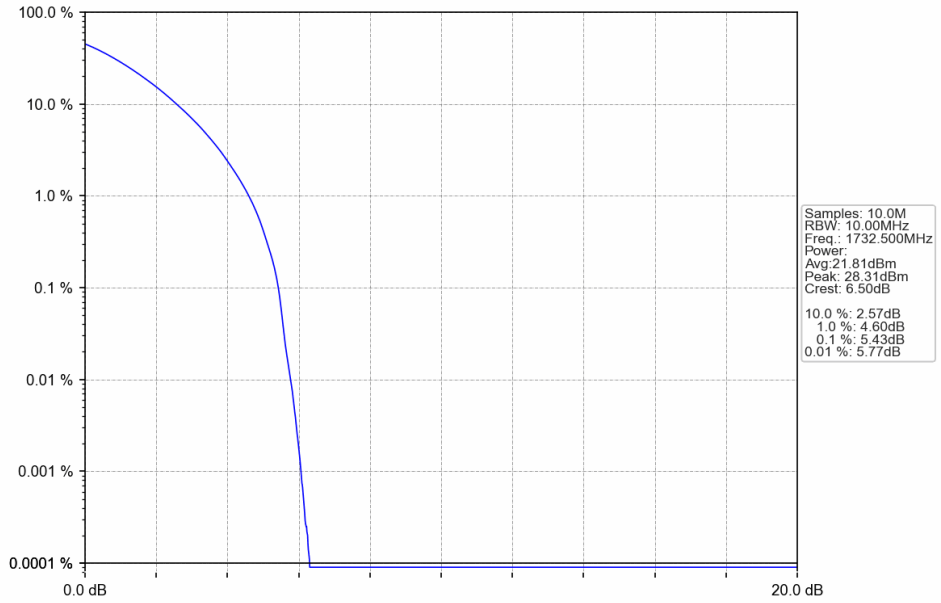
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.34	<=13	Pass
	1732.5	75	0	5.43	<=13	Pass
	1747.5	75	0	5.23	<=13	Pass
16QAM	1717.5	75	0	6.15	<=13	Pass
	1732.5	75	0	6.21	<=13	Pass
	1747.5	75	0	5.94	<=13	Pass

5.5.2 Test Graph

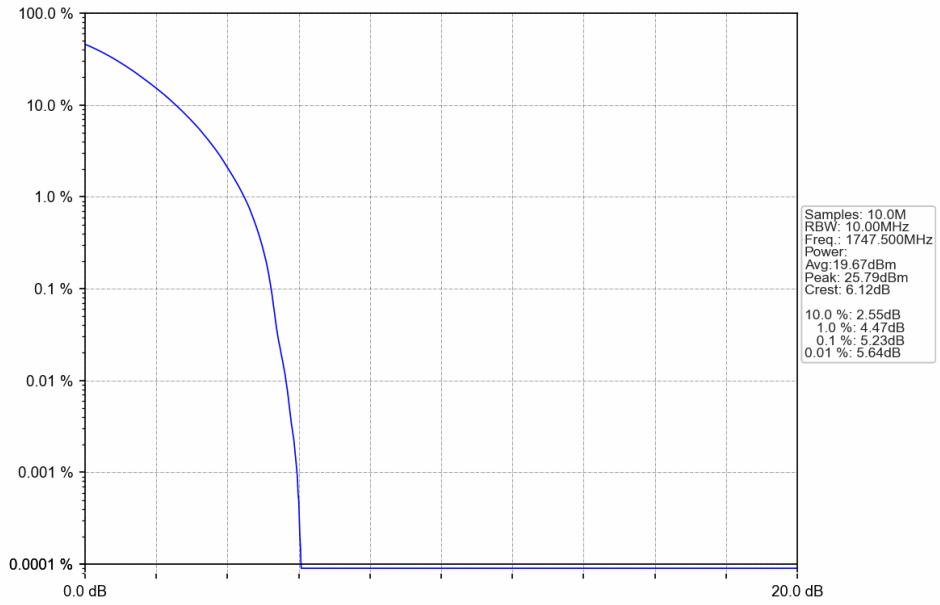
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



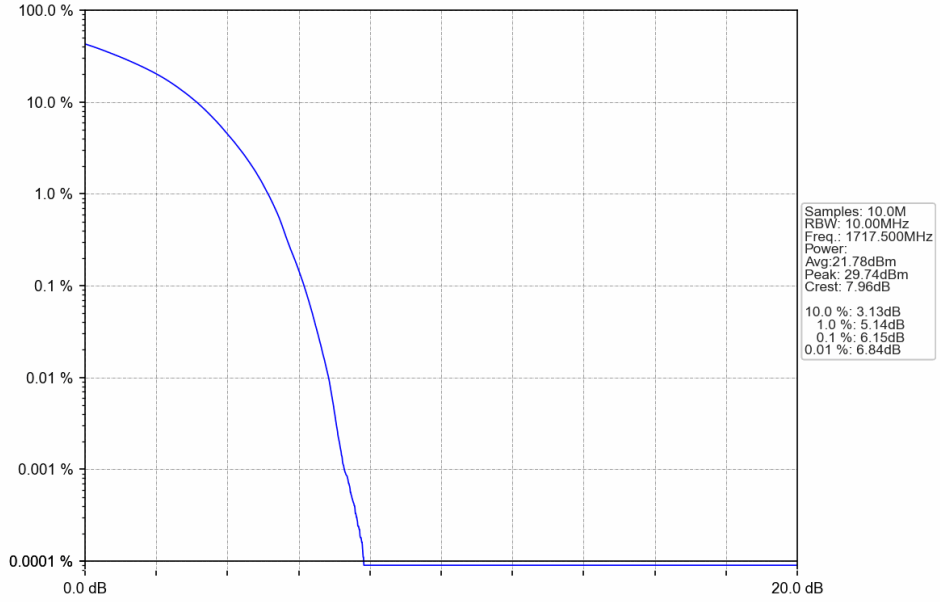
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



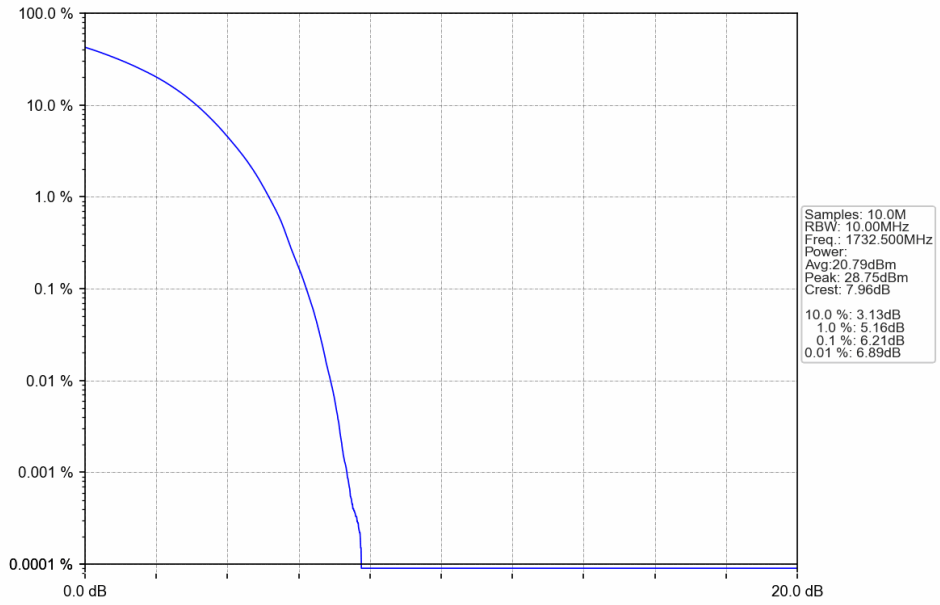
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



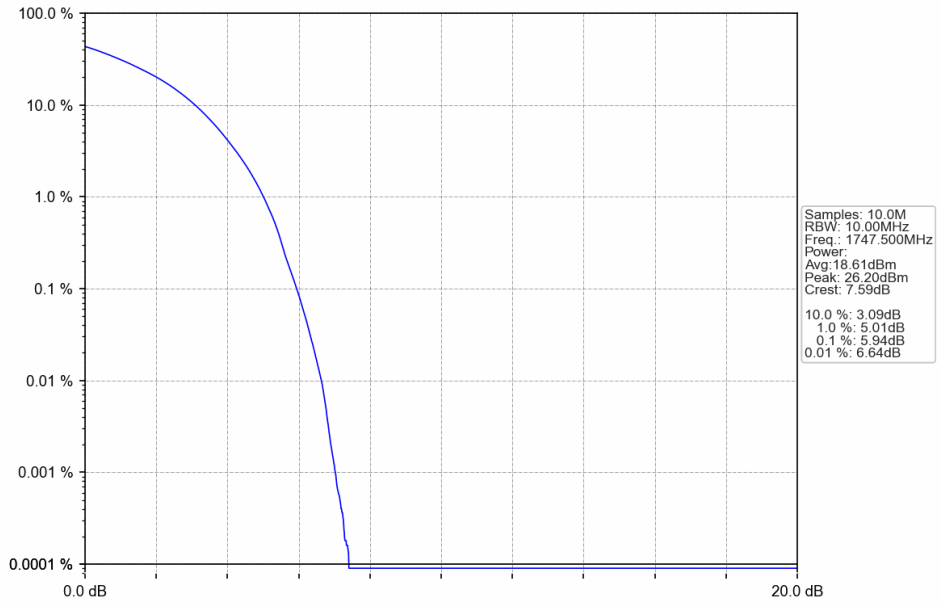
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



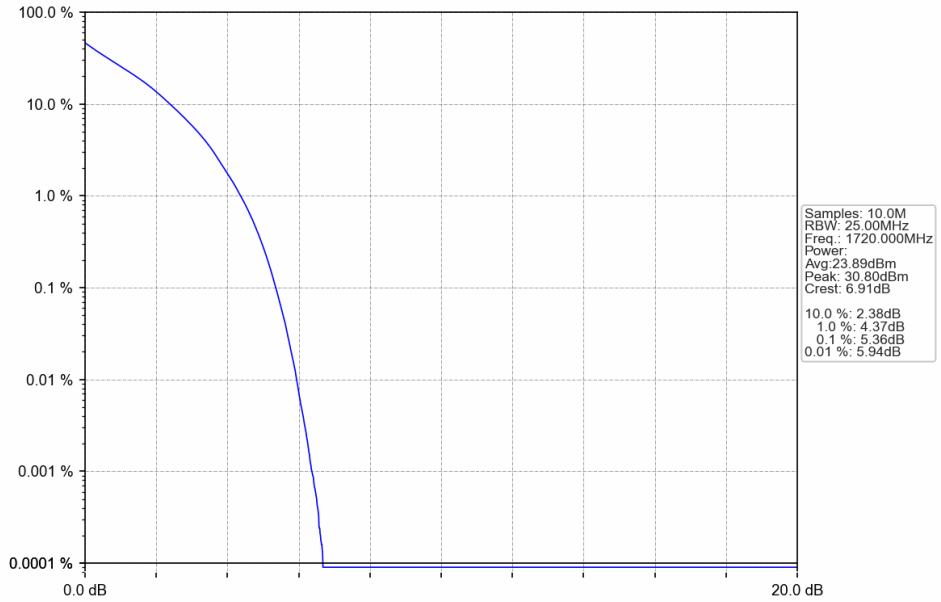
5.6 B4_20MHz

5.6.1 Test Result

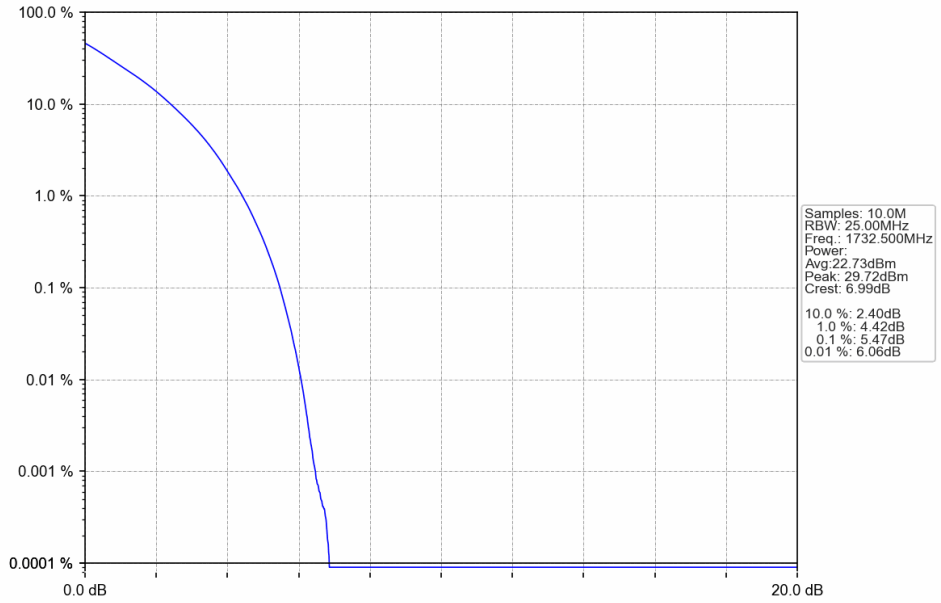
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.36	<=13	Pass
	1732.5	100	0	5.47	<=13	Pass
	1745	100	0	5.41	<=13	Pass
16QAM	1720	100	0	6.20	<=13	Pass
	1732.5	100	0	6.37	<=13	Pass
	1745	100	0	6.14	<=13	Pass

5.6.2 Test Graph

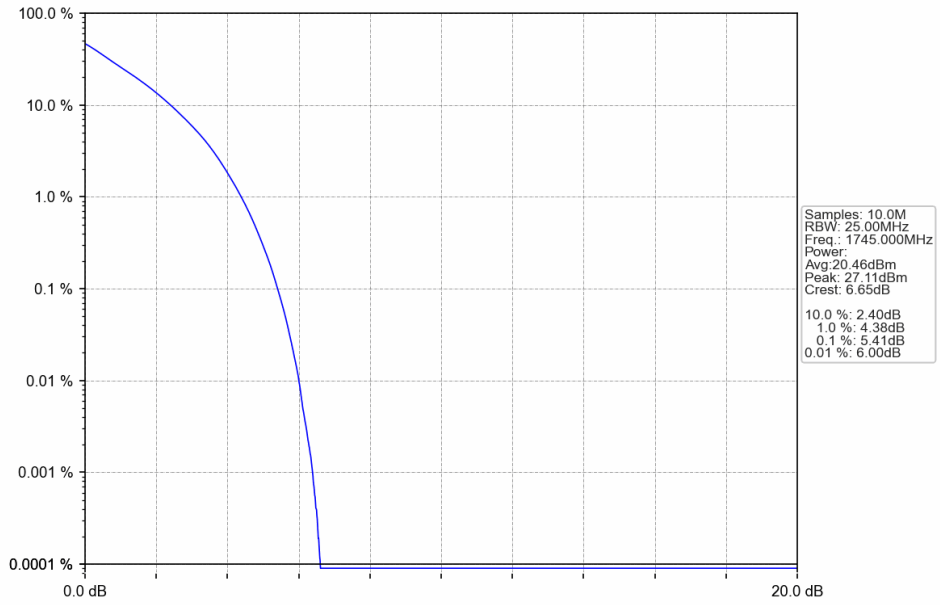
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



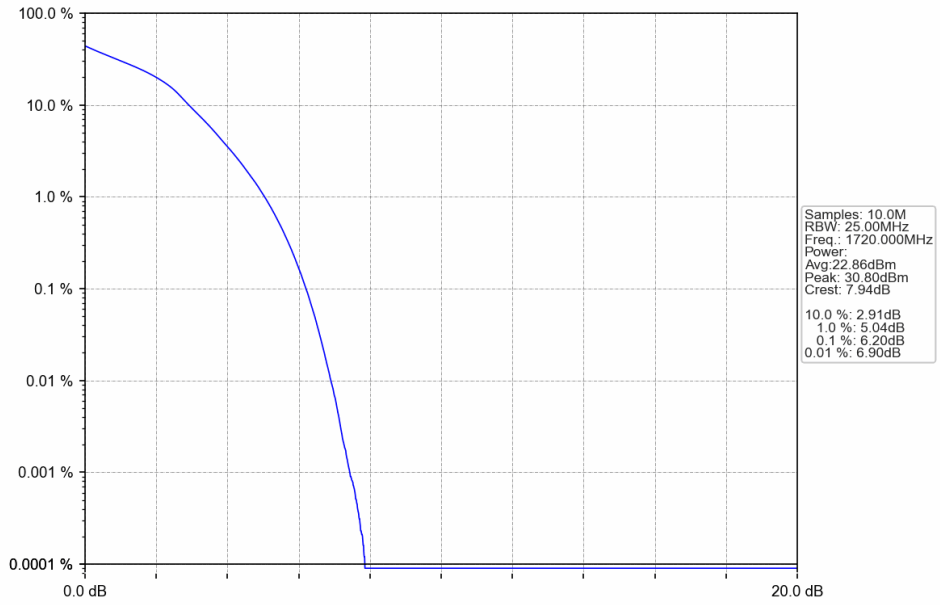
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



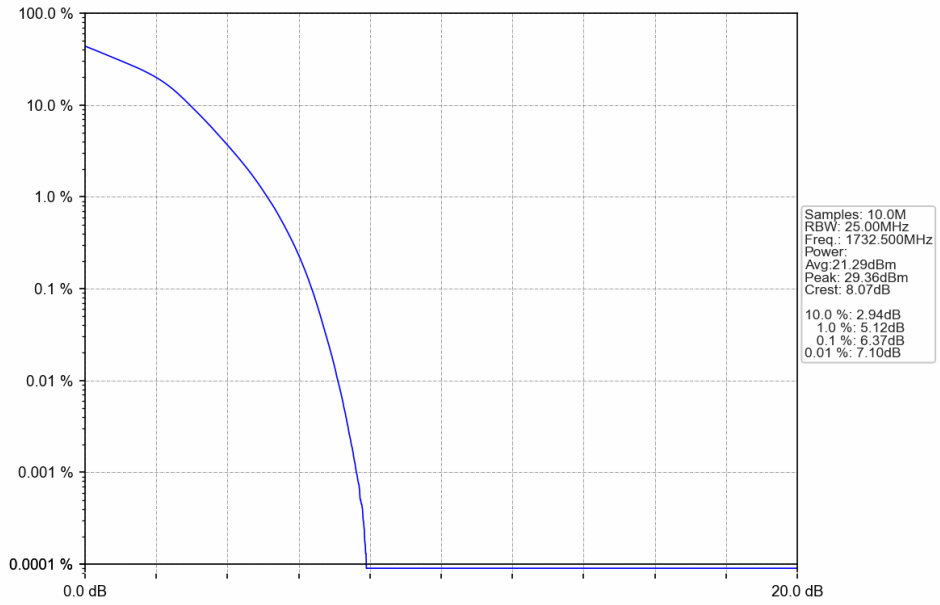
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



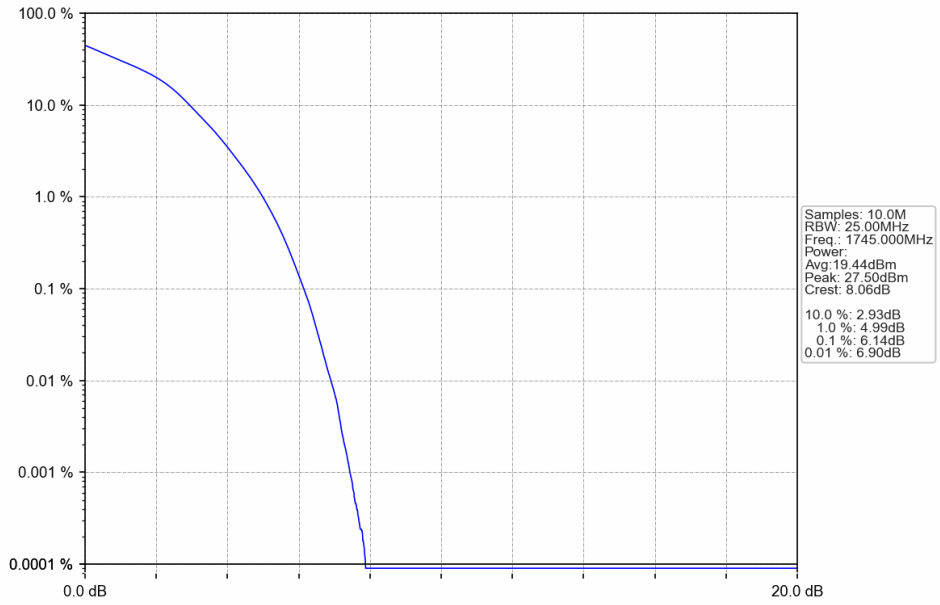
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

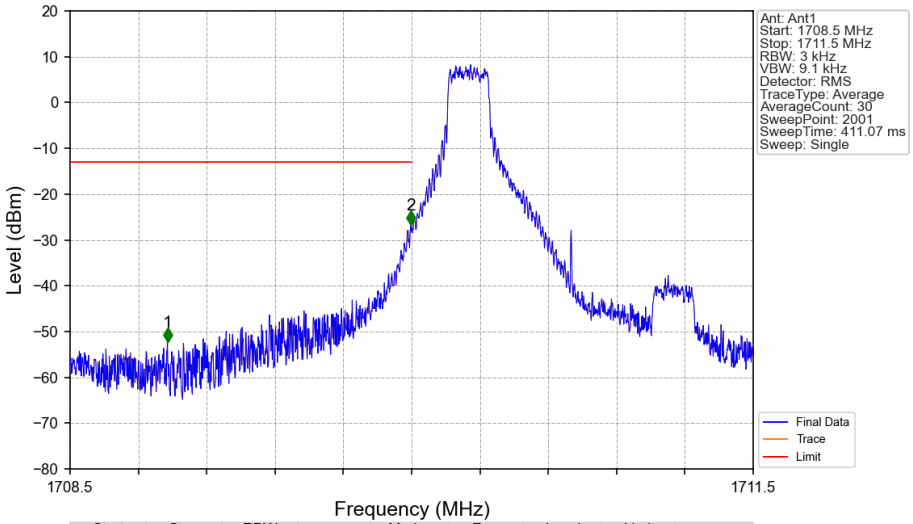
6.1 B4_1.4MHz

6.1.1 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
16QAM	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

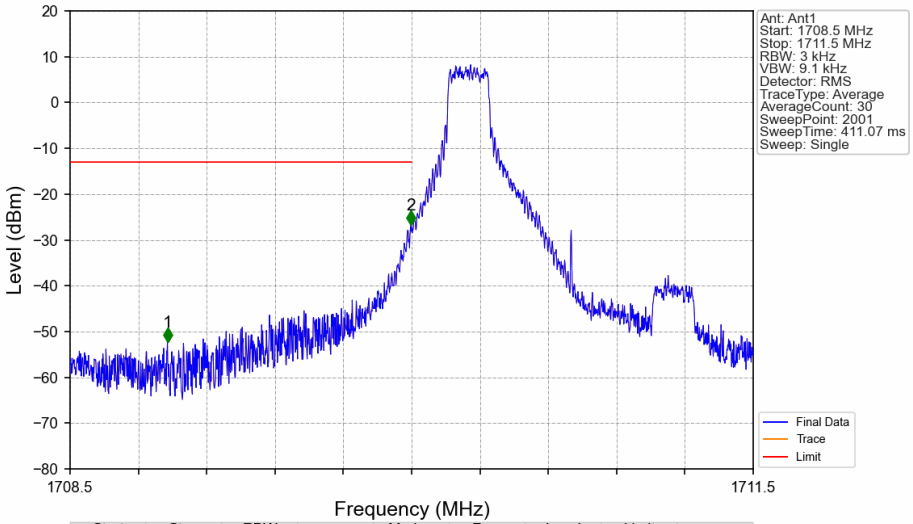
6.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



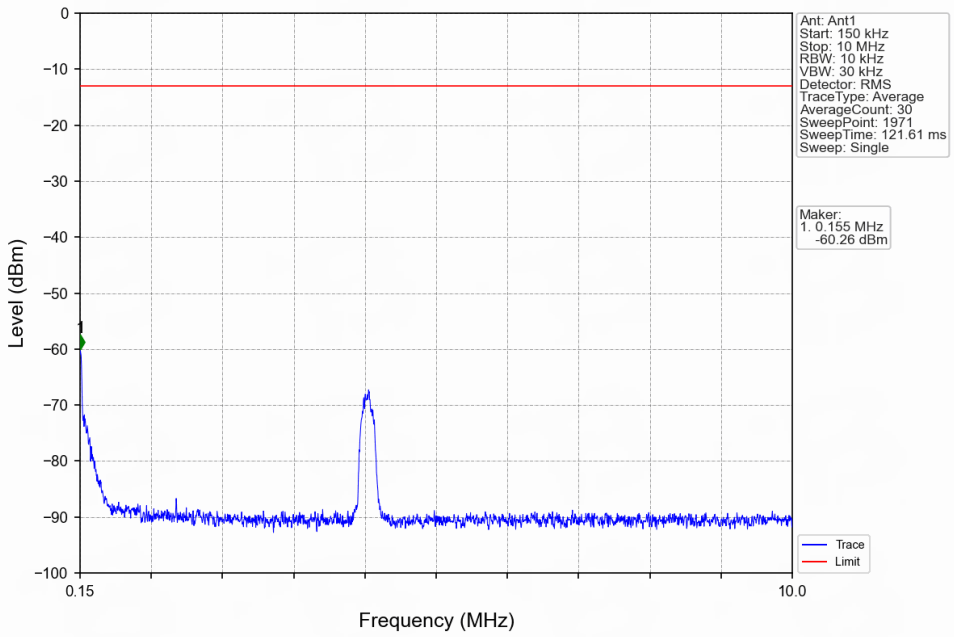
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.928	-52.35	-13	Pass
1709	1710	0.003	/	2	1709.995	-26.73	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

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	1708.928	-52.35	-13	Pass
1709	1710	0.003	/	2	1709.995	-26.73	-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