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	23.09	1.71	24.80	<=30	Pass
			2	23.18	1.71	24.89	<=30	Pass
			5	23.04	1.71	24.75	<=30	Pass
		3	0	23.12	1.71	24.83	<=30	Pass
			2	22.96	1.71	24.67	<=30	Pass
			3	23.03	1.71	24.74	<=30	Pass
		6	0	22.11	1.71	23.82	<=30	Pass
	1732.5	1	0	22.96	1.71	24.67	<=30	Pass
			2	23.02	1.71	24.73	<=30	Pass
			5	23.04	1.71	24.75	<=30	Pass
		3	0	23.05	1.71	24.76	<=30	Pass
			2	23.12	1.71	24.83	<=30	Pass
			3	23.21	1.71	24.92	<=30	Pass
		6	0	22.15	1.71	23.86	<=30	Pass
	1754.3	1	0	23.17	1.71	24.88	<=30	Pass
			2	23.26	1.71	24.97	<=30	Pass
			5	23.05	1.71	24.76	<=30	Pass
		3	0	23.19	1.71	24.90	<=30	Pass
			2	23.20	1.71	24.91	<=30	Pass
			3	23.15	1.71	24.86	<=30	Pass
		6	0	22.31	1.71	24.02	<=30	Pass
16QAM	1710.7	1	0	22.18	1.71	23.89	<=30	Pass
			2	22.42	1.71	24.13	<=30	Pass
			5	22.10	1.71	23.81	<=30	Pass
		3	0	22.23	1.71	23.94	<=30	Pass
			2	22.30	1.71	24.01	<=30	Pass
			3	22.10	1.71	23.81	<=30	Pass
		6	0	21.24	1.71	22.95	<=30	Pass
	1732.5	1	0	22.64	1.71	24.35	<=30	Pass
			2	22.48	1.71	24.19	<=30	Pass
			5	22.74	1.71	24.45	<=30	Pass
		3	0	22.06	1.71	23.77	<=30	Pass
			2	22.34	1.71	24.05	<=30	Pass
			3	22.11	1.71	23.82	<=30	Pass
		6	0	21.07	1.71	22.78	<=30	Pass
	1754.3	1	0	22.20	1.71	23.91	<=30	Pass
			2	22.03	1.71	23.74	<=30	Pass
			5	22.04	1.71	23.75	<=30	Pass
		3	0	22.22	1.71	23.93	<=30	Pass
			2	22.31	1.71	24.02	<=30	Pass
			3	22.25	1.71	23.96	<=30	Pass
		6	0	21.27	1.71	22.98	<=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	23.21	1.71	24.92	<=30	Pass
			7	23.20	1.71	24.91	<=30	Pass
			14	23.26	1.71	24.97	<=30	Pass
		8	0	22.32	1.71	24.03	<=30	Pass
			4	22.25	1.71	23.96	<=30	Pass
			7	22.29	1.71	24.00	<=30	Pass
		15	0	22.40	1.71	24.11	<=30	Pass
	1732.5	1	0	23.19	1.71	24.90	<=30	Pass
			7	23.59	1.71	25.30	<=30	Pass
			14	23.57	1.71	25.28	<=30	Pass
		8	0	22.11	1.71	23.82	<=30	Pass
			4	22.13	1.71	23.84	<=30	Pass
			7	22.24	1.71	23.95	<=30	Pass
		15	0	22.17	1.71	23.88	<=30	Pass
	1753.5	1	0	23.07	1.71	24.78	<=30	Pass
			7	23.19	1.71	24.90	<=30	Pass
			14	23.15	1.71	24.86	<=30	Pass
		8	0	22.21	1.71	23.92	<=30	Pass
			4	22.15	1.71	23.86	<=30	Pass
			7	22.24	1.71	23.95	<=30	Pass
		15	0	22.32	1.71	24.03	<=30	Pass
16QAM	1711.5	1	0	22.52	1.71	24.23	<=30	Pass
			7	22.60	1.71	24.31	<=30	Pass
			14	22.59	1.71	24.30	<=30	Pass
		8	0	21.27	1.71	22.98	<=30	Pass
			4	21.40	1.71	23.11	<=30	Pass
			7	21.37	1.71	23.08	<=30	Pass
		15	0	21.30	1.71	23.01	<=30	Pass
	1732.5	1	0	21.75	1.71	23.46	<=30	Pass
			7	22.59	1.71	24.30	<=30	Pass
			14	22.87	1.71	24.58	<=30	Pass
		8	0	21.37	1.71	23.08	<=30	Pass
			4	21.00	1.71	22.71	<=30	Pass
			7	21.36	1.71	23.07	<=30	Pass
		15	0	21.03	1.71	22.74	<=30	Pass
	1753.5	1	0	22.06	1.71	23.77	<=30	Pass
			7	21.87	1.71	23.58	<=30	Pass
			14	22.12	1.71	23.83	<=30	Pass
		8	0	21.20	1.71	22.91	<=30	Pass
			4	21.37	1.71	23.08	<=30	Pass
			7	21.44	1.71	23.15	<=30	Pass
		15	0	21.47	1.71	23.18	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B4_5MHz_EIRP

1.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.17	1.71	24.88	<=30	Pass
			13	23.25	1.71	24.96	<=30	Pass
			24	23.16	1.71	24.87	<=30	Pass
		12	0	22.24	1.71	23.95	<=30	Pass
			6	22.30	1.71	24.01	<=30	Pass
			13	22.34	1.71	24.05	<=30	Pass
		25	0	22.25	1.71	23.96	<=30	Pass
	1732.5	1	0	23.05	1.71	24.76	<=30	Pass
			13	23.21	1.71	24.92	<=30	Pass
			24	23.36	1.71	25.07	<=30	Pass
		12	0	22.07	1.71	23.78	<=30	Pass
			6	22.10	1.71	23.81	<=30	Pass
			13	22.20	1.71	23.91	<=30	Pass
		25	0	22.07	1.71	23.78	<=30	Pass
	1752.5	1	0	23.14	1.71	24.85	<=30	Pass
			13	23.18	1.71	24.89	<=30	Pass
			24	23.30	1.71	25.01	<=30	Pass
		12	0	22.29	1.71	24.00	<=30	Pass
			6	22.26	1.71	23.97	<=30	Pass
			13	22.37	1.71	24.08	<=30	Pass
		25	0	22.42	1.71	24.13	<=30	Pass
16QAM	1712.5	1	0	21.53	1.71	23.24	<=30	Pass
			13	21.75	1.71	23.46	<=30	Pass
			24	21.93	1.71	23.64	<=30	Pass
		12	0	21.20	1.71	22.91	<=30	Pass
			6	21.36	1.71	23.07	<=30	Pass
			13	21.29	1.71	23.00	<=30	Pass
		25	0	21.32	1.71	23.03	<=30	Pass
	1732.5	1	0	22.21	1.71	23.92	<=30	Pass
			13	22.43	1.71	24.14	<=30	Pass
			24	22.69	1.71	24.40	<=30	Pass
		12	0	20.87	1.71	22.58	<=30	Pass
			6	21.02	1.71	22.73	<=30	Pass
			13	21.19	1.71	22.90	<=30	Pass
		25	0	21.04	1.71	22.75	<=30	Pass
	1752.5	1	0	22.01	1.71	23.72	<=30	Pass
			13	21.96	1.71	23.67	<=30	Pass
			24	22.28	1.71	23.99	<=30	Pass
		12	0	21.42	1.71	23.13	<=30	Pass
			6	21.39	1.71	23.10	<=30	Pass
			13	21.36	1.71	23.07	<=30	Pass
		25	0	21.41	1.71	23.12	<=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	23.29	1.71	25.00	<=30	Pass
			25	23.28	1.71	24.99	<=30	Pass
			49	23.11	1.71	24.82	<=30	Pass
		25	0	22.48	1.71	24.19	<=30	Pass
			13	22.49	1.71	24.20	<=30	Pass
			25	22.25	1.71	23.96	<=30	Pass
		50	0	22.41	1.71	24.12	<=30	Pass
	1732.5	1	0	23.35	1.71	25.06	<=30	Pass
			25	23.65	1.71	25.36	<=30	Pass
			49	23.33	1.71	25.04	<=30	Pass
		25	0	22.04	1.71	23.75	<=30	Pass
			13	22.21	1.71	23.92	<=30	Pass
			25	22.16	1.71	23.87	<=30	Pass
		50	0	22.10	1.71	23.81	<=30	Pass
	1750	1	0	23.22	1.71	24.93	<=30	Pass
			25	23.33	1.71	25.04	<=30	Pass
			49	23.16	1.71	24.87	<=30	Pass
		25	0	22.29	1.71	24.00	<=30	Pass
			13	22.20	1.71	23.91	<=30	Pass
			25	22.28	1.71	23.99	<=30	Pass
		50	0	22.31	1.71	24.02	<=30	Pass
16QAM	1715	1	0	22.63	1.71	24.34	<=30	Pass
			25	22.76	1.71	24.47	<=30	Pass
			49	22.50	1.71	24.21	<=30	Pass
		25	0	21.53	1.71	23.24	<=30	Pass
			13	21.48	1.71	23.19	<=30	Pass
			25	21.33	1.71	23.04	<=30	Pass
		50	0	21.28	1.71	22.99	<=30	Pass
	1732.5	1	0	22.59	1.71	24.30	<=30	Pass
			25	23.26	1.71	24.97	<=30	Pass
			49	22.60	1.71	24.31	<=30	Pass
		25	0	21.07	1.71	22.78	<=30	Pass
			13	21.21	1.71	22.92	<=30	Pass
			25	21.24	1.71	22.95	<=30	Pass
		50	0	21.11	1.71	22.82	<=30	Pass
	1750	1	0	22.24	1.71	23.95	<=30	Pass
			25	22.41	1.71	24.12	<=30	Pass
			49	21.98	1.71	23.69	<=30	Pass
		25	0	21.41	1.71	23.12	<=30	Pass
			13	21.51	1.71	23.22	<=30	Pass
			25	21.31	1.71	23.02	<=30	Pass
		50	0	21.37	1.71	23.08	<=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	23.44	1.71	25.15	<=30	Pass
			38	23.20	1.71	24.91	<=30	Pass
			74	23.11	1.71	24.82	<=30	Pass
		36	0	22.40	1.71	24.11	<=30	Pass
			18	22.35	1.71	24.06	<=30	Pass
			39	22.20	1.71	23.91	<=30	Pass
		75	0	22.25	1.71	23.96	<=30	Pass
	1732.5	1	0	23.07	1.71	24.78	<=30	Pass
			38	23.19	1.71	24.90	<=30	Pass
			74	23.13	1.71	24.84	<=30	Pass
		36	0	22.24	1.71	23.95	<=30	Pass
			18	22.18	1.71	23.89	<=30	Pass
			39	22.17	1.71	23.88	<=30	Pass
		75	0	22.11	1.71	23.82	<=30	Pass
	1747.5	1	0	23.21	1.71	24.92	<=30	Pass
			38	23.02	1.71	24.73	<=30	Pass
			74	23.07	1.71	24.78	<=30	Pass
		36	0	22.20	1.71	23.91	<=30	Pass
			18	22.12	1.71	23.83	<=30	Pass
			39	22.18	1.71	23.89	<=30	Pass
		75	0	22.31	1.71	24.02	<=30	Pass
16QAM	1717.5	1	0	22.62	1.71	24.33	<=30	Pass
			38	22.52	1.71	24.23	<=30	Pass
			74	22.30	1.71	24.01	<=30	Pass
		36	0	21.35	1.71	23.06	<=30	Pass
			18	21.30	1.71	23.01	<=30	Pass
			39	21.03	1.71	22.74	<=30	Pass
		75	0	21.27	1.71	22.98	<=30	Pass
	1732.5	1	0	22.68	1.71	24.39	<=30	Pass
			38	23.11	1.71	24.82	<=30	Pass
			74	23.15	1.71	24.86	<=30	Pass
		36	0	20.87	1.71	22.58	<=30	Pass
			18	21.25	1.71	22.96	<=30	Pass
			39	21.09	1.71	22.80	<=30	Pass
		75	0	20.94	1.71	22.65	<=30	Pass
	1747.5	1	0	22.29	1.71	24.00	<=30	Pass
			38	22.25	1.71	23.96	<=30	Pass
			74	21.52	1.71	23.23	<=30	Pass
		36	0	21.27	1.71	22.98	<=30	Pass
			18	21.17	1.71	22.88	<=30	Pass
			39	21.02	1.71	22.73	<=30	Pass
		75	0	21.25	1.71	22.96	<=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	23.28	1.71	24.99	<=30	Pass
			50	23.25	1.71	24.96	<=30	Pass
			99	22.98	1.71	24.69	<=30	Pass
		50	0	22.32	1.71	24.03	<=30	Pass
			25	22.22	1.71	23.93	<=30	Pass
			50	22.22	1.71	23.93	<=30	Pass
		100	0	22.22	1.71	23.93	<=30	Pass
	1732.5	1	0	23.25	1.71	24.96	<=30	Pass
			50	23.41	1.71	25.12	<=30	Pass
			99	23.36	1.71	25.07	<=30	Pass
		50	0	22.20	1.71	23.91	<=30	Pass
			25	22.18	1.71	23.89	<=30	Pass
			50	22.10	1.71	23.81	<=30	Pass
		100	0	22.08	1.71	23.79	<=30	Pass
	1745	1	0	23.05	1.71	24.76	<=30	Pass
			50	23.35	1.71	25.06	<=30	Pass
			99	23.13	1.71	24.84	<=30	Pass
		50	0	22.30	1.71	24.01	<=30	Pass
			25	22.27	1.71	23.98	<=30	Pass
			50	21.97	1.71	23.68	<=30	Pass
		100	0	22.19	1.71	23.90	<=30	Pass
16QAM	1720	1	0	22.55	1.71	24.26	<=30	Pass
			50	22.57	1.71	24.28	<=30	Pass
			99	22.58	1.71	24.29	<=30	Pass
		50	0	21.30	1.71	23.01	<=30	Pass
			25	21.21	1.71	22.92	<=30	Pass
			50	21.20	1.71	22.91	<=30	Pass
		100	0	21.22	1.71	22.93	<=30	Pass
	1732.5	1	0	22.09	1.71	23.80	<=30	Pass
			50	22.32	1.71	24.03	<=30	Pass
			99	22.22	1.71	23.93	<=30	Pass
		50	0	20.97	1.71	22.68	<=30	Pass
			25	21.20	1.71	22.91	<=30	Pass
			50	21.15	1.71	22.86	<=30	Pass
		100	0	20.97	1.71	22.68	<=30	Pass
	1745	1	0	22.85	1.71	24.56	<=30	Pass
			50	23.22	1.71	24.93	<=30	Pass
			99	22.89	1.71	24.60	<=30	Pass
		50	0	21.19	1.71	22.90	<=30	Pass
			25	21.21	1.71	22.92	<=30	Pass
			50	20.88	1.71	22.59	<=30	Pass
		100	0	21.32	1.71	23.03	<=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	1.802	0.0011	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	1.230	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.817	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.589	0.0015	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.358	0.0002	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-4.106	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	0.672	0.0004	-2.5 to 2.5	Pass
					3.85	1.230	0.0007	-2.5 to 2.5	Pass
					4.43	1.674	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.744	0.0004	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	1.574	0.0009	-2.5 to 2.5	Pass

					4.43	1.087	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0002	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-1.674	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0015	-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	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
					4.43	0.157	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	3.85	1.030	0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	-1.202	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.502	0.0009	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.615	0.0004	-2.5 to 2.5	Pass
					3.85	0.129	0.0001	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.272	0.0002	-2.5 to 2.5	Pass

				-10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0002	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-0.772	-0.0005	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	0.358	0.0002	-2.5 to 2.5	Pass
				-30	3.85	2.489	0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	3.85	2.089	0.0012	-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	0.744	0.0004	-2.5 to 2.5	Pass
					3.85	3.347	0.0020	-2.5 to 2.5	Pass
					4.43	2.046	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.101	0.0006	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.286	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
					4.43	1.044	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.273	0.0007	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-3.176	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.817	0.0011	-2.5 to 2.5	Pass
					3.85	1.860	0.0011	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.518	0.0015	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.329	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.057	0.0000	-2.5 to 2.5	Pass
					4.43	1.030	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0006	-2.5 to 2.5	Pass

				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0009	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-3.834	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0024	-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	-3.877	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.549	-0.0027	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.758	-0.0004	-2.5 to 2.5	Pass
					3.85	0.215	0.0001	-2.5 to 2.5	Pass
					4.43	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	0.930	0.0005	-2.5 to 2.5	Pass
					3.85	1.173	0.0007	-2.5 to 2.5	Pass
					4.43	0.830	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.173	0.0007	-2.5 to 2.5	Pass

				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.717	0.0010	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.891	-0.0023	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.106	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.502	0.0009	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	1.073	0.0006	-2.5 to 2.5	Pass
					3.85	0.730	0.0004	-2.5 to 2.5	Pass
					4.43	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				10	3.85	2.389	0.0014	-2.5 to 2.5	Pass
				30	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0003	-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	-1.087	-0.0006	-2.5 to 2.5	Pass
					3.85	1.431	0.0008	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.073	0.0006	-2.5 to 2.5	Pass

	1732.5	75	0	20	3.27	0.343	0.0002	-2.5 to 2.5	Pass
					3.85	0.758	0.0004	-2.5 to 2.5	Pass
					4.43	0.358	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.930	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	0.772	0.0004	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				0	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0002	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	0.329	0.0002	-2.5 to 2.5	Pass
					3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
					4.43	1.030	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0004	-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	0.873	0.0005	-2.5 to 2.5	Pass
					3.85	2.046	0.0012	-2.5 to 2.5	Pass
					4.43	1.702	0.0010	-2.5 to 2.5	Pass
				-30	3.85	2.704	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				10	3.85	2.332	0.0014	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.717	0.0010	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	0.715	0.0004	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.460	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	1.359	0.0008	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				10	3.85	2.003	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				50	3.85	2.403	0.0014	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	0.486	0.0003	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.343	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass

				-10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.303	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.861	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band4_OBW

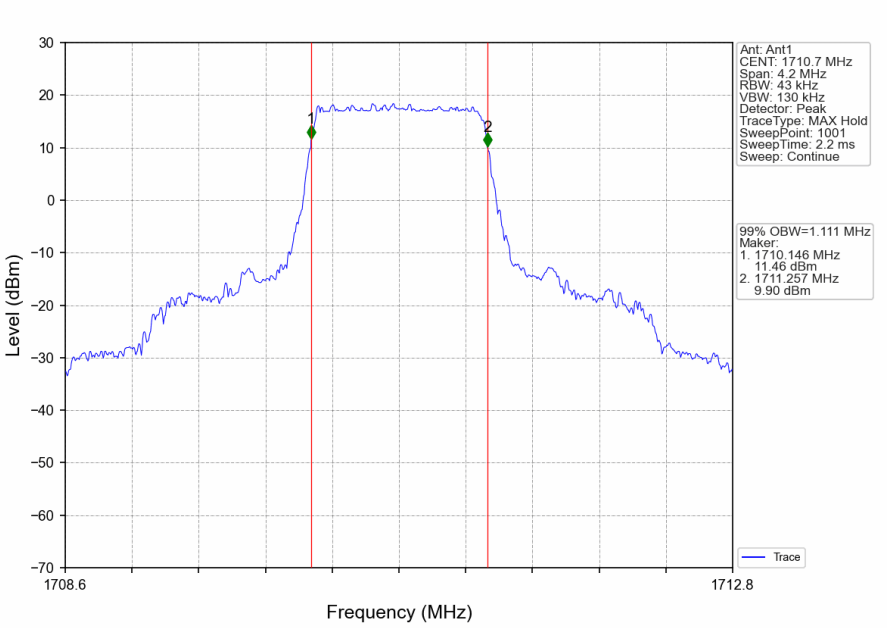
3.1.1 Test Result

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.120	/	Pass
		1754.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.115	/	Pass
		1754.3	6	0	1.121	/	Pass
3	QPSK	1711.5	15	0	2.741	/	Pass
		1732.5	15	0	2.749	/	Pass
		1753.5	15	0	2.745	/	Pass
	16QAM	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.739	/	Pass
		1753.5	15	0	2.739	/	Pass
5	QPSK	1712.5	25	0	4.575	/	Pass
		1732.5	25	0	4.549	/	Pass
		1752.5	25	0	4.551	/	Pass
	16QAM	1712.5	25	0	4.542	/	Pass
		1732.5	25	0	4.559	/	Pass
		1752.5	25	0	4.583	/	Pass
10	QPSK	1715	50	0	9.034	/	Pass
		1732.5	50	0	9.049	/	Pass
		1750	50	0	9.047	/	Pass
	16QAM	1715	50	0	9.017	/	Pass
		1732.5	50	0	9.015	/	Pass
		1750	50	0	9.001	/	Pass
15	QPSK	1717.5	75	0	13.534	/	Pass
		1732.5	75	0	13.548	/	Pass
		1747.5	75	0	13.494	/	Pass

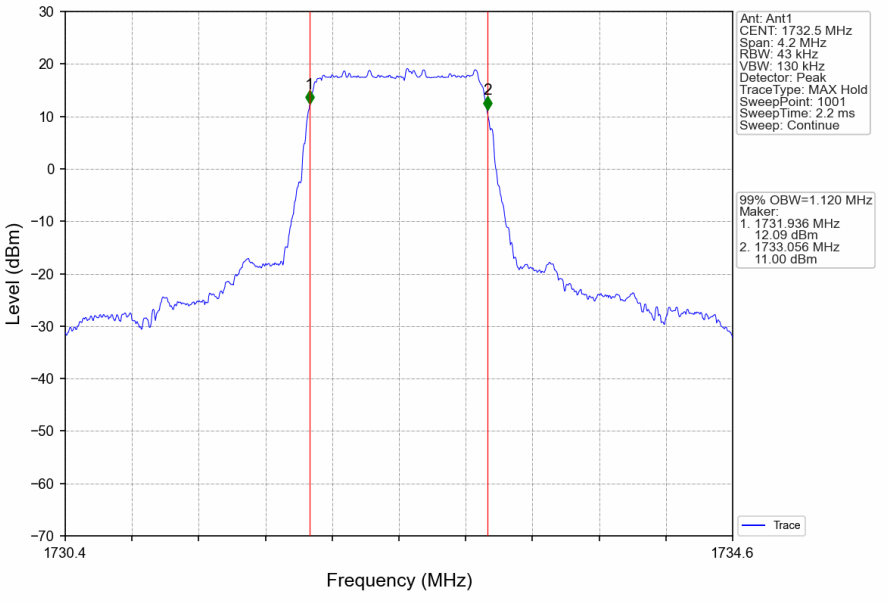
	16QAM	1717.5	75	0	13.543	/	Pass
		1732.5	75	0	13.545	/	Pass
		1747.5	75	0	13.517	/	Pass
20	QPSK	1720	100	0	18.015	/	Pass
		1732.5	100	0	18.130	/	Pass
		1745	100	0	17.970	/	Pass
	16QAM	1720	100	0	18.081	/	Pass
		1732.5	100	0	18.058	/	Pass
		1745	100	0	18.014	/	Pass

3.1.2 Test Graph

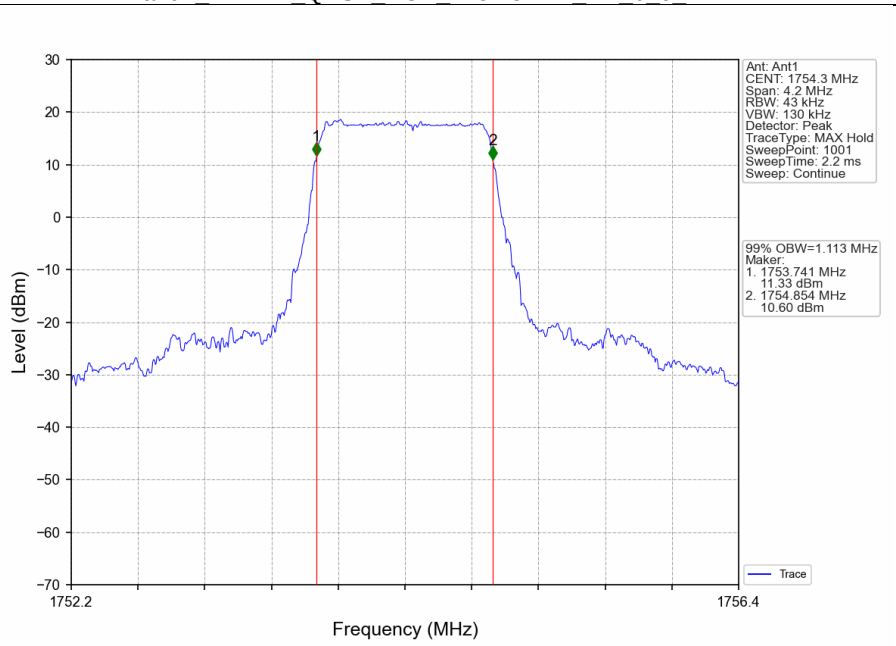
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



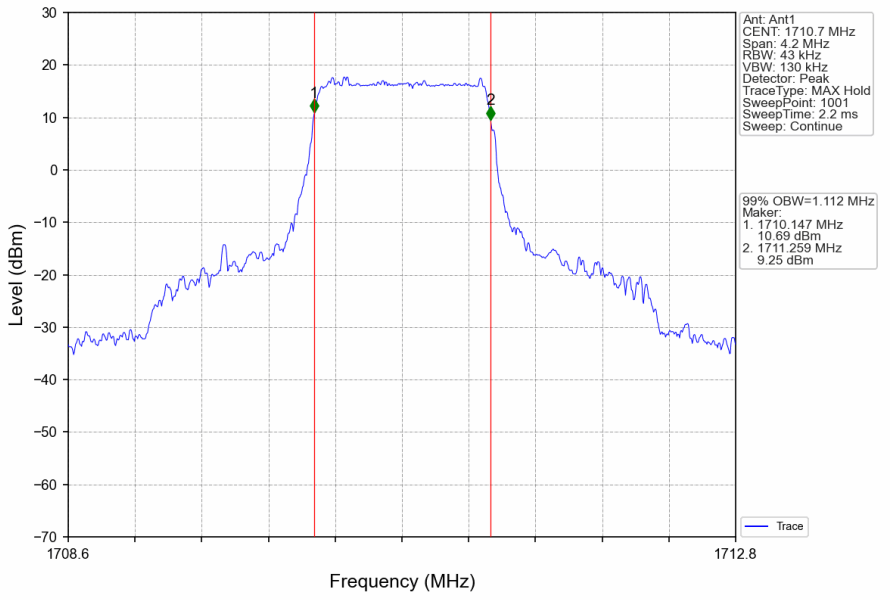
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



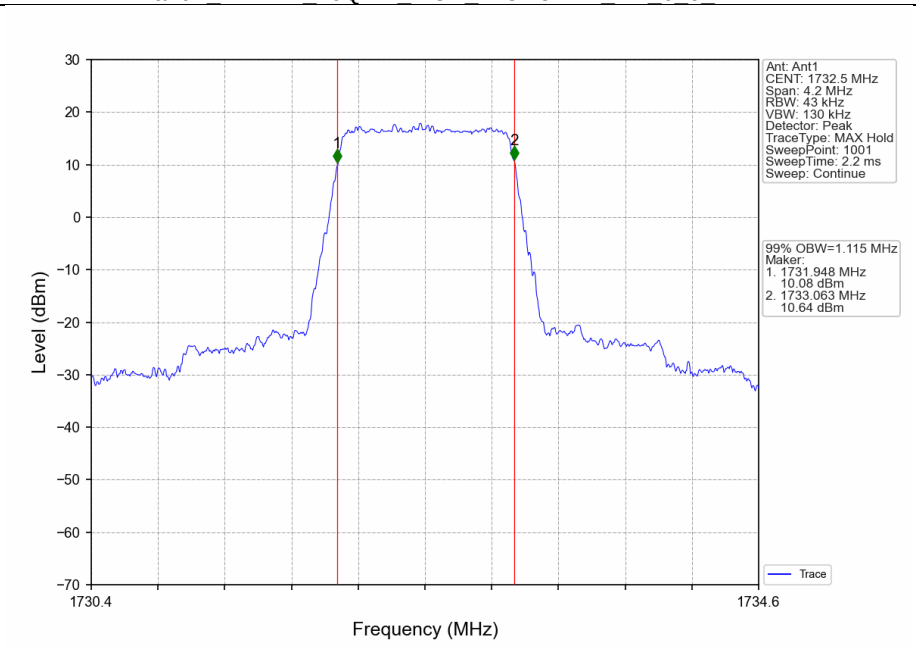
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



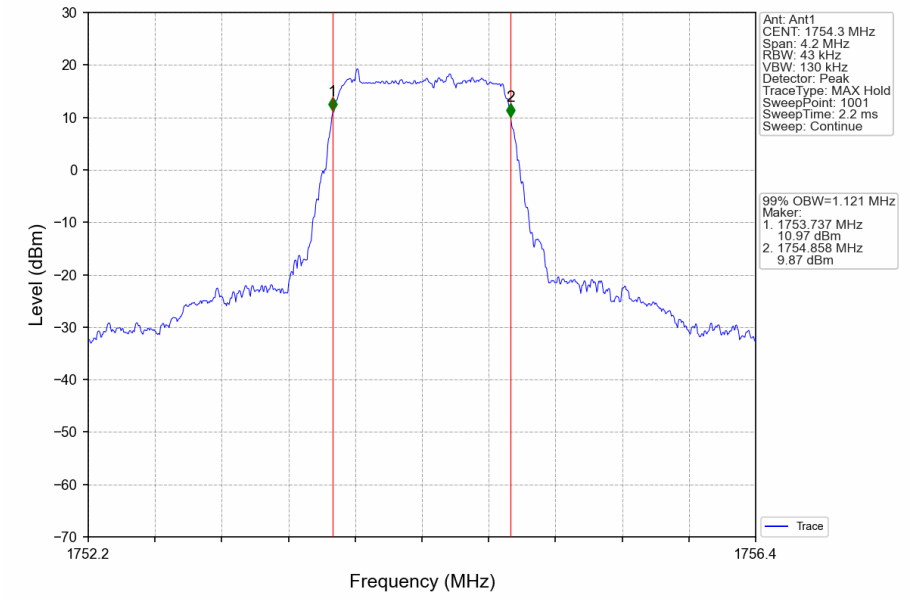
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



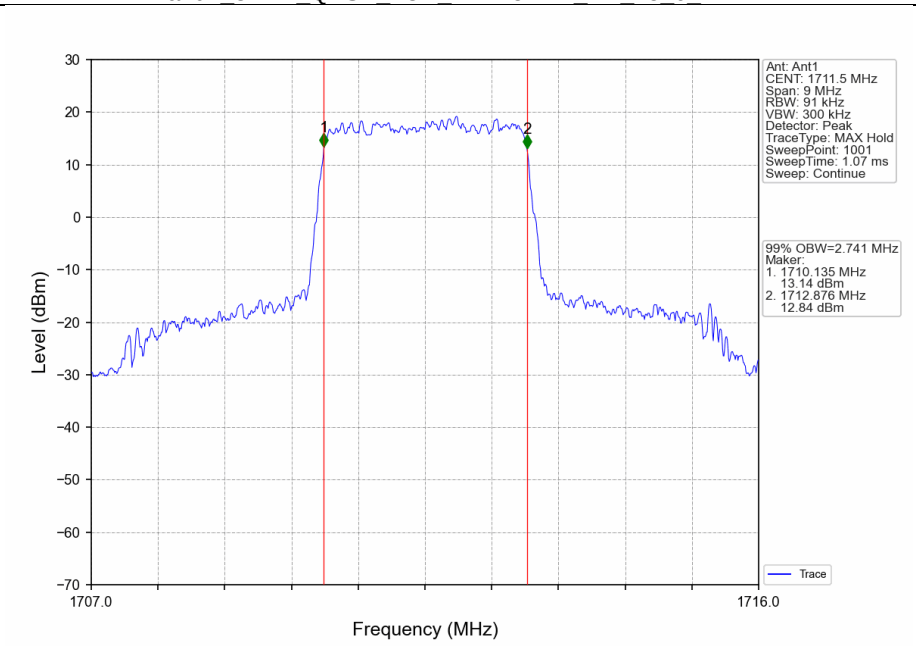
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



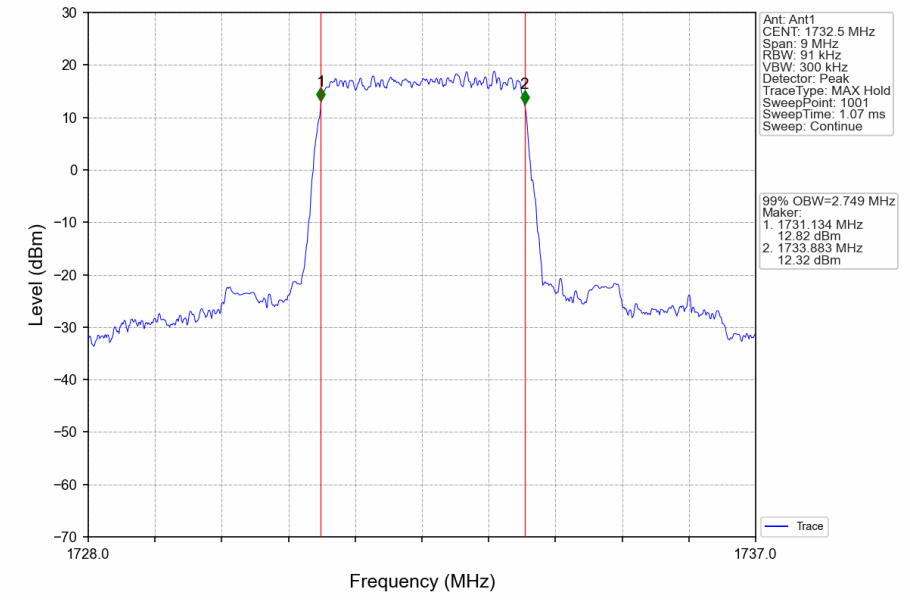
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



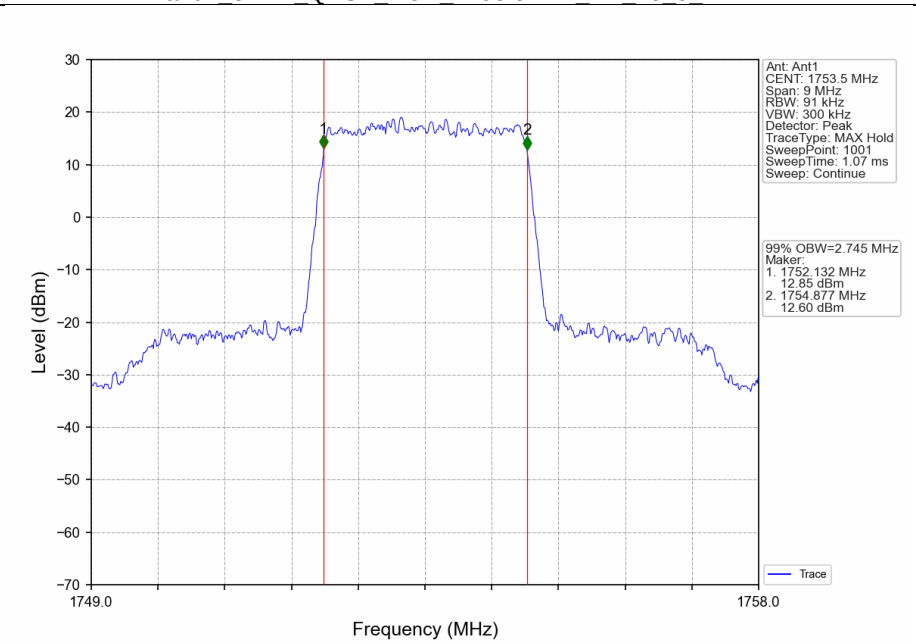
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



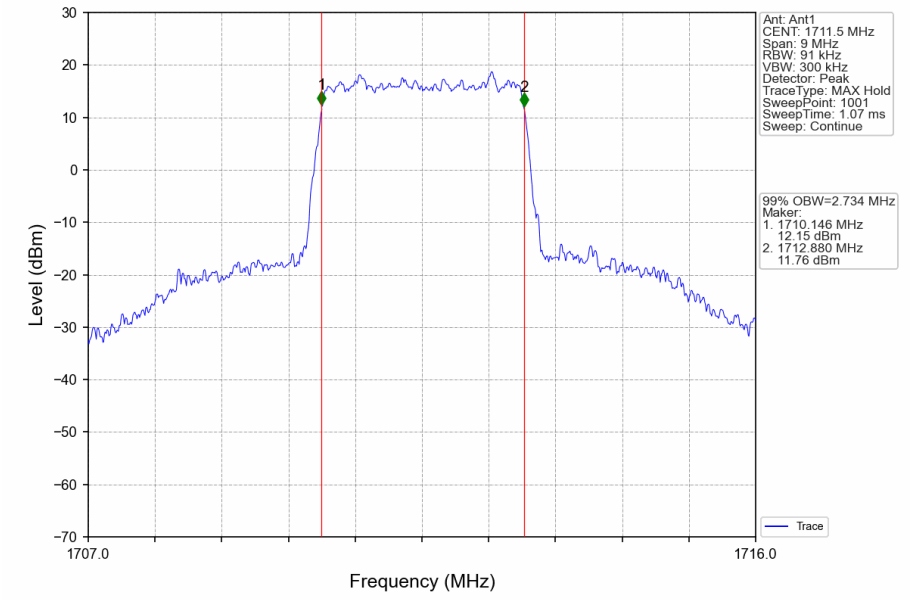
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



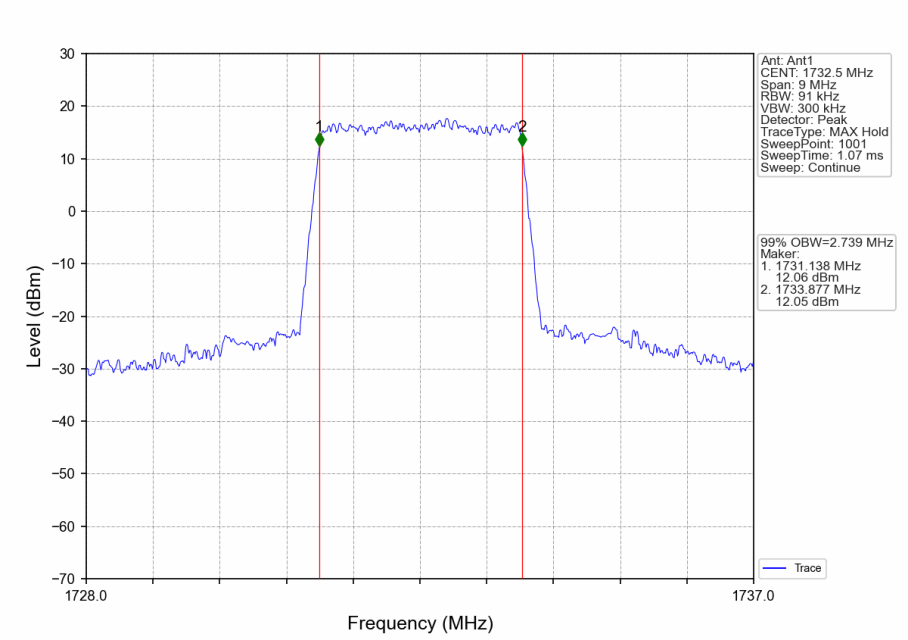
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



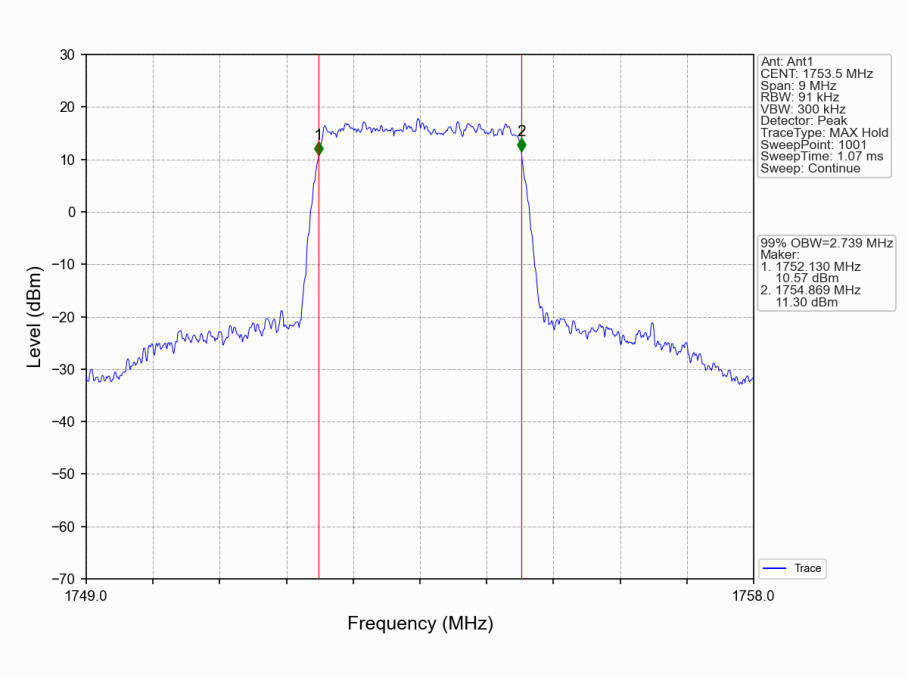
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



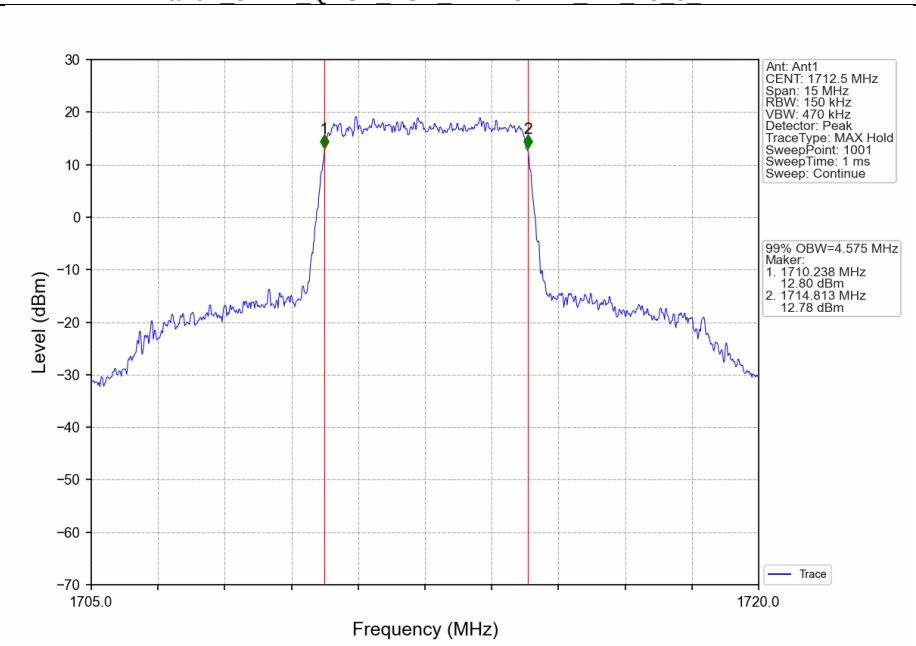
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



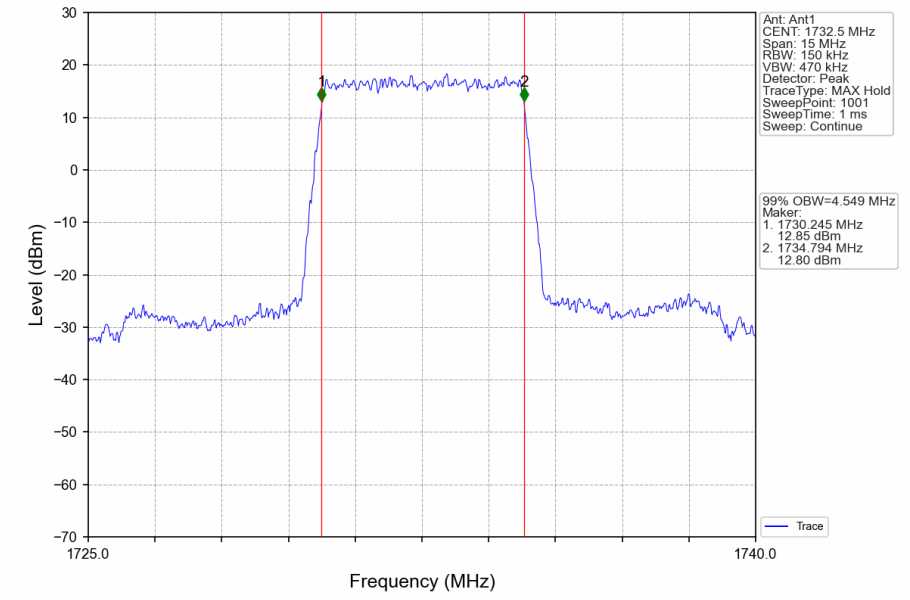
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



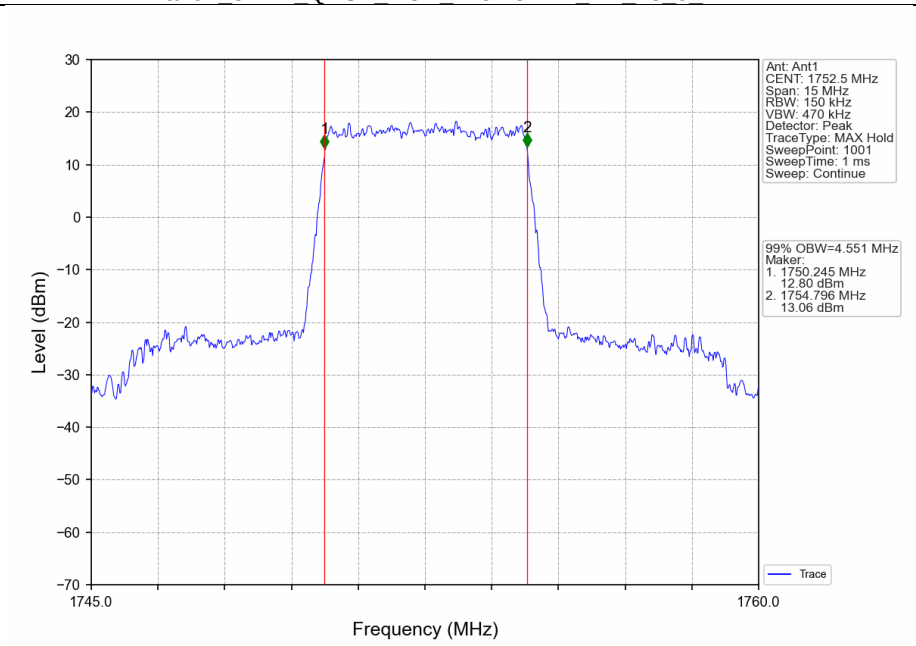
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



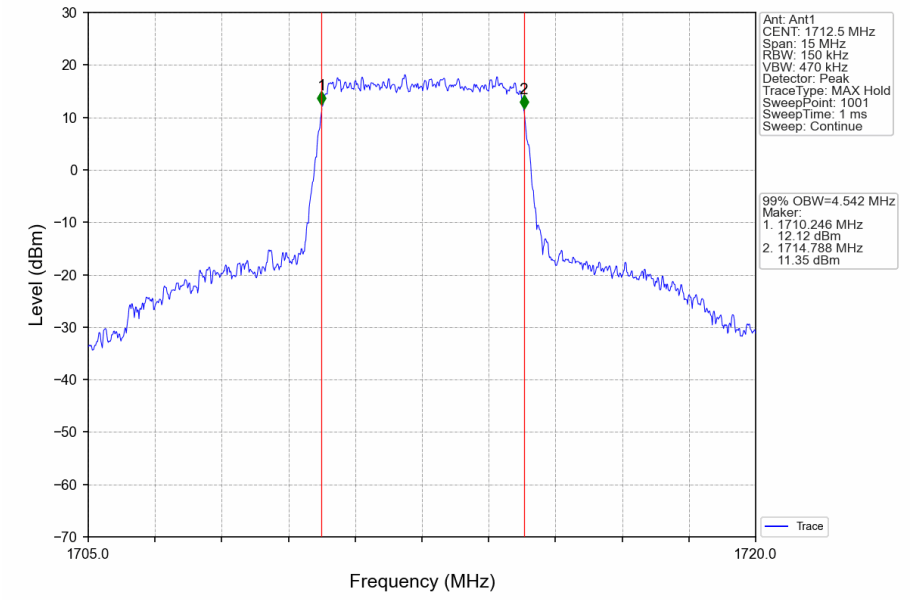
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



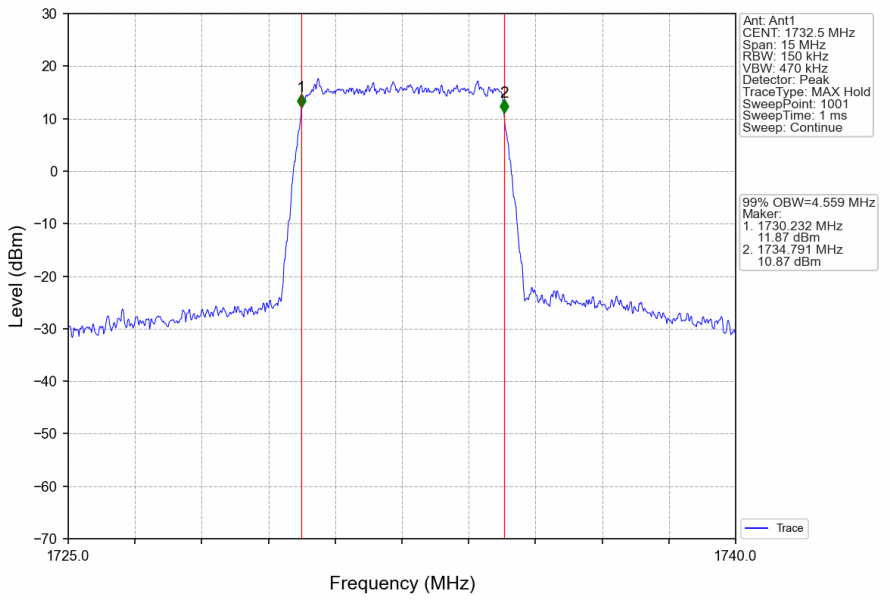
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



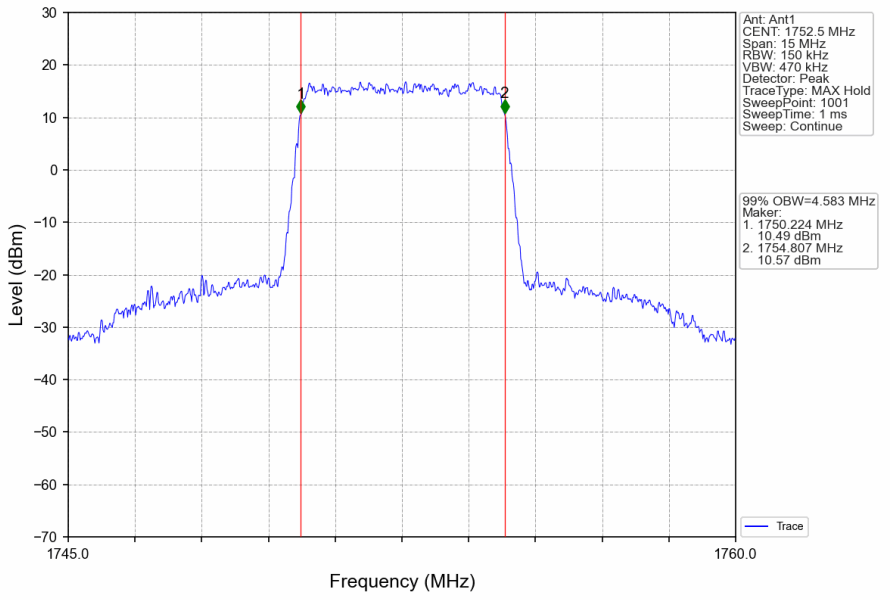
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



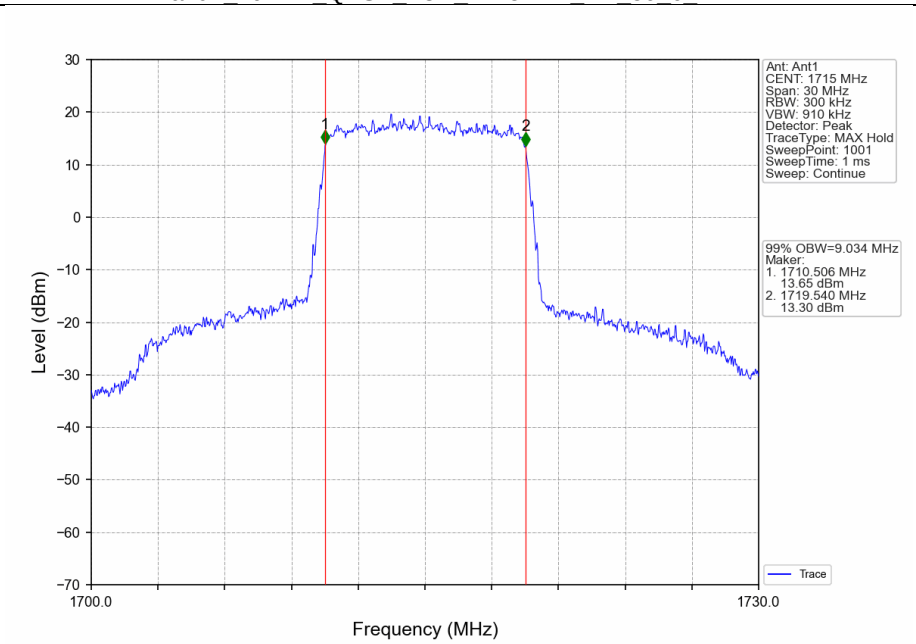
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



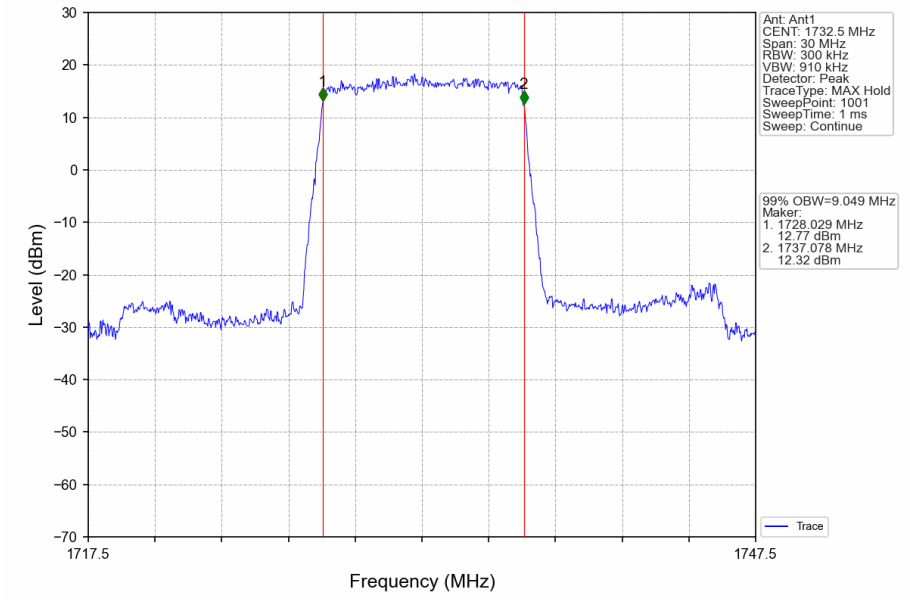
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



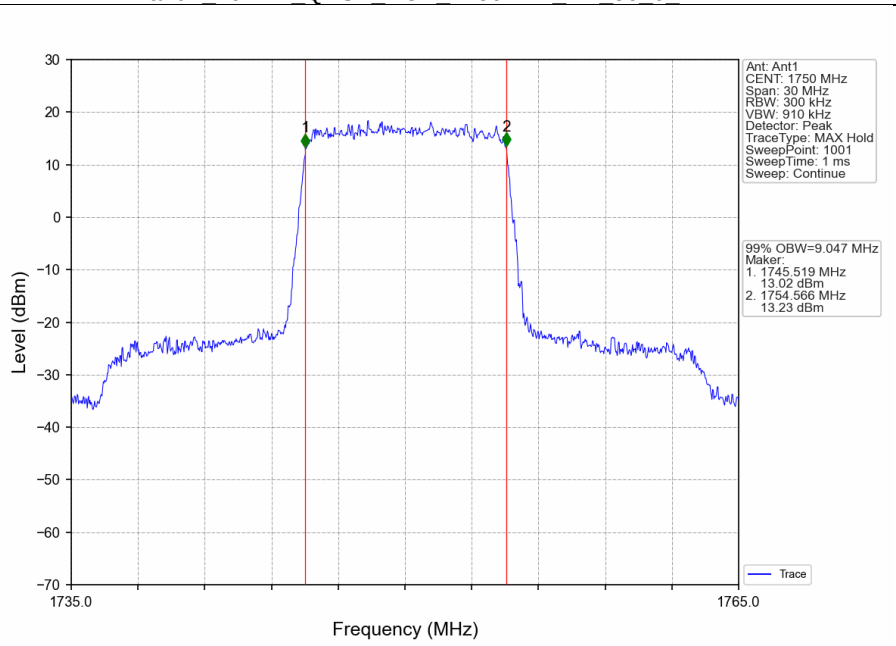
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



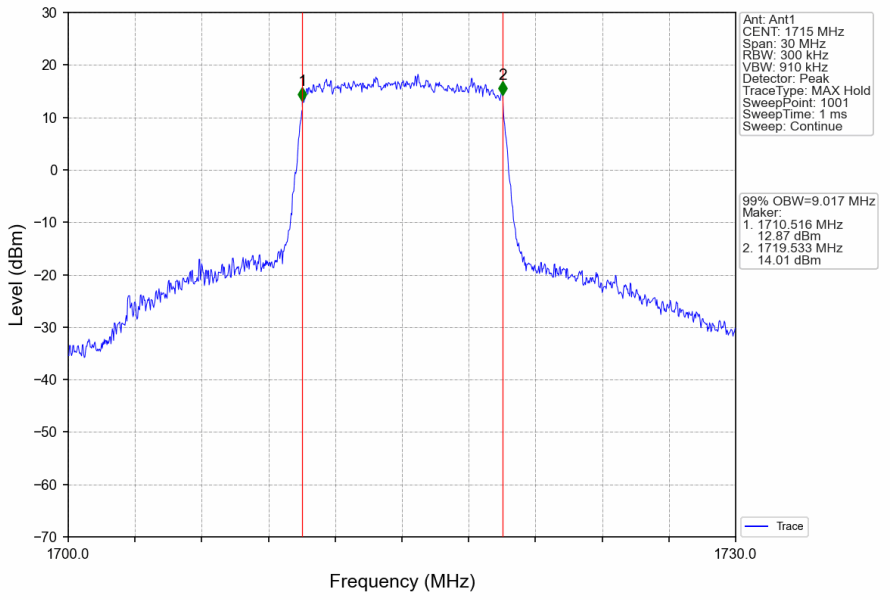
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



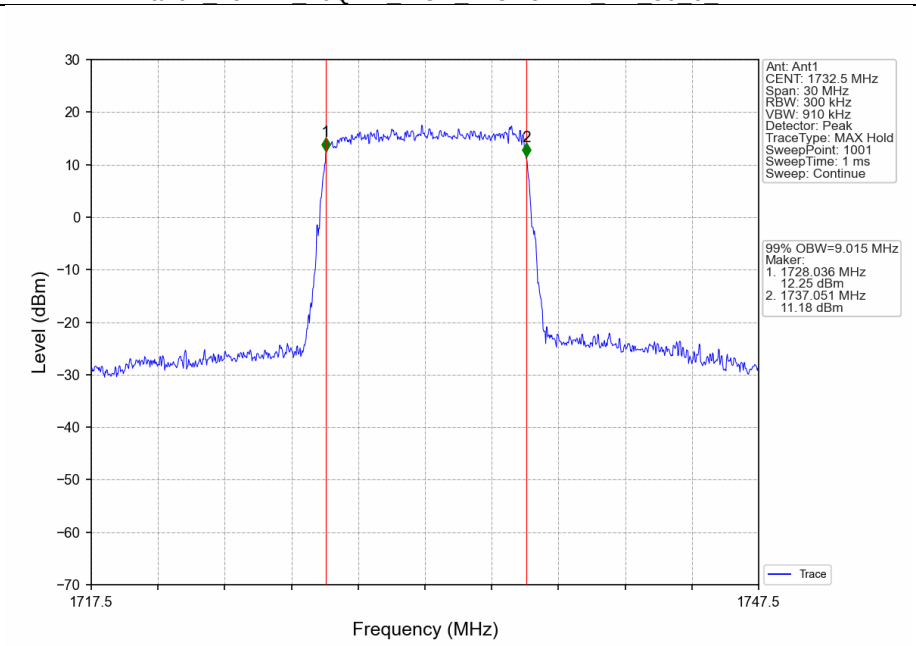
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



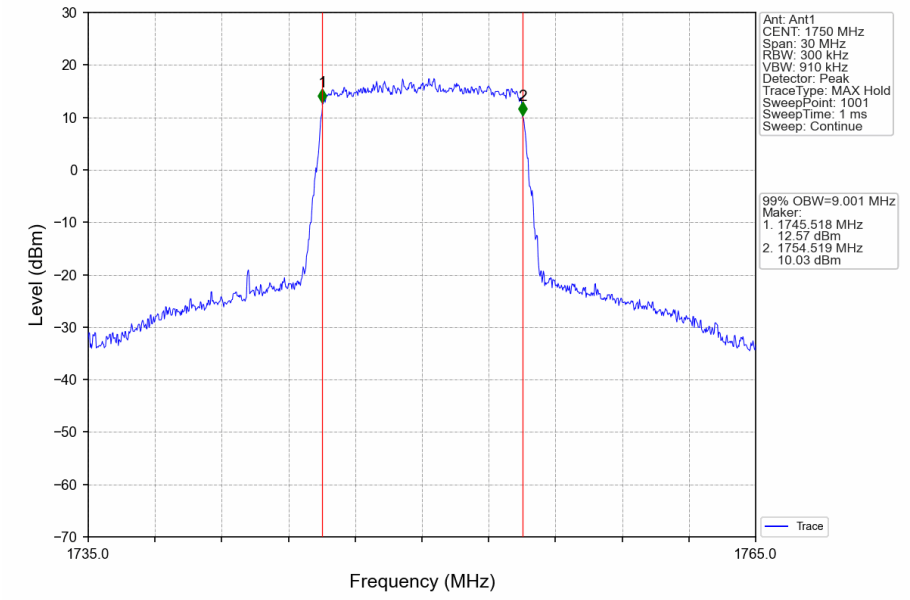
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



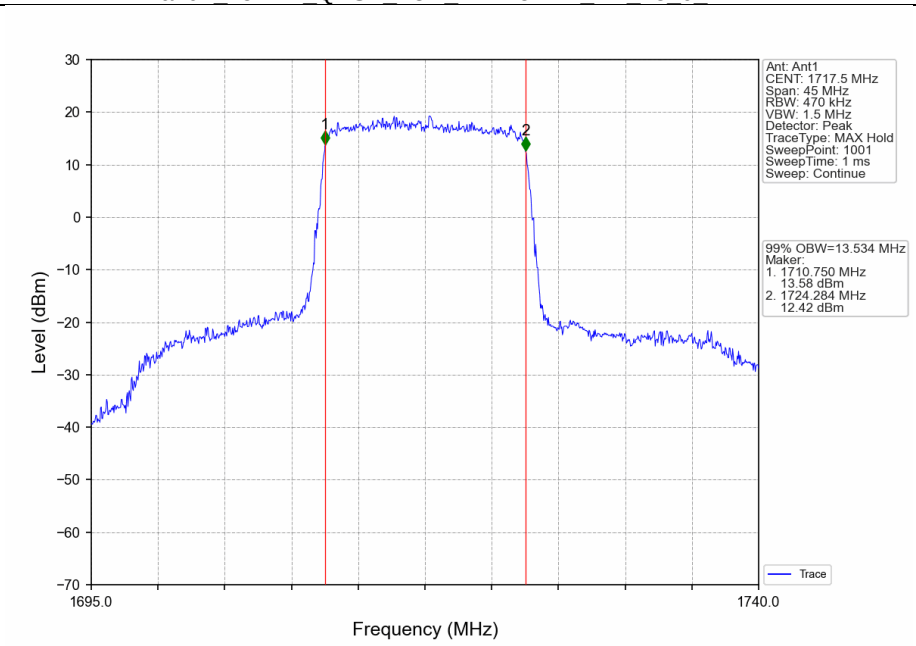
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



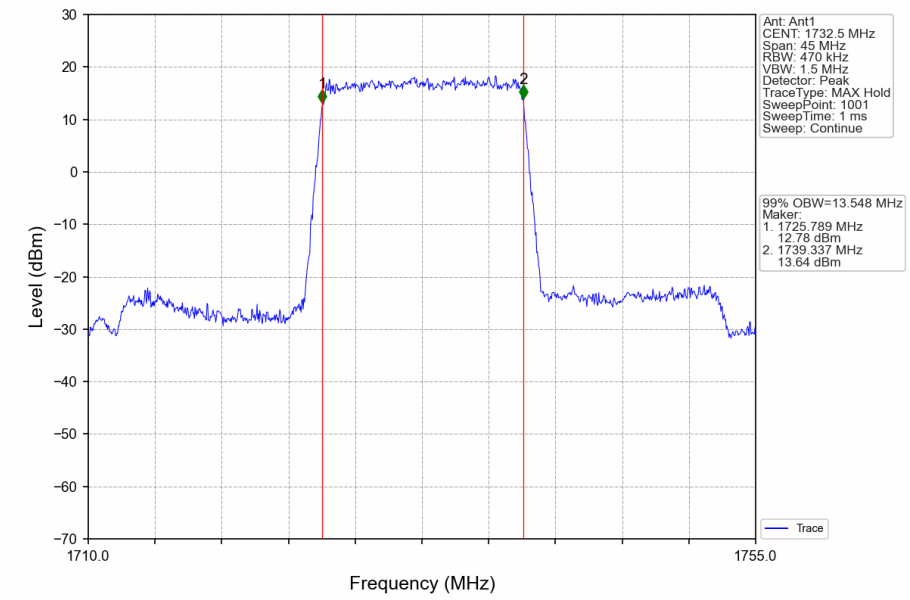
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



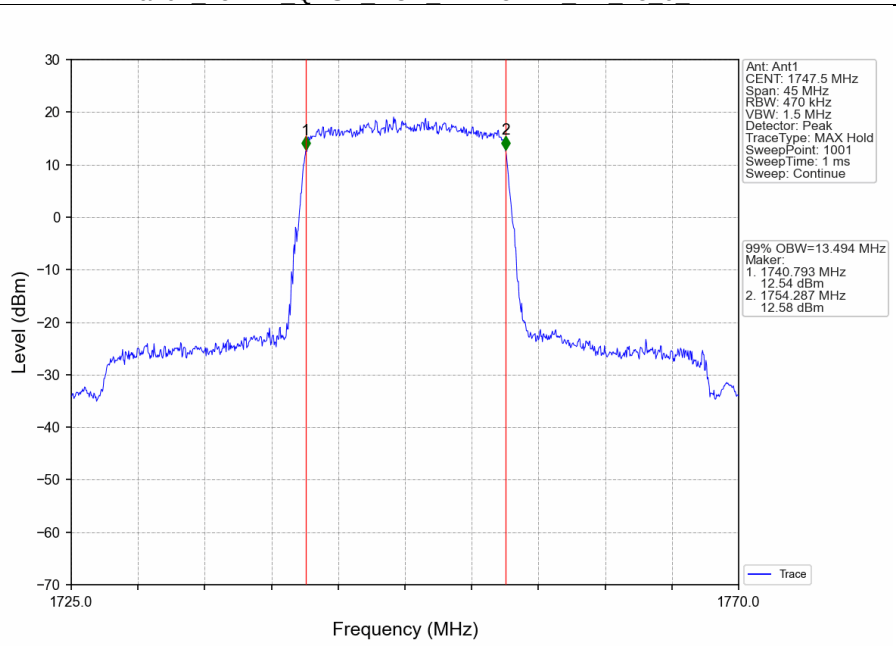
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



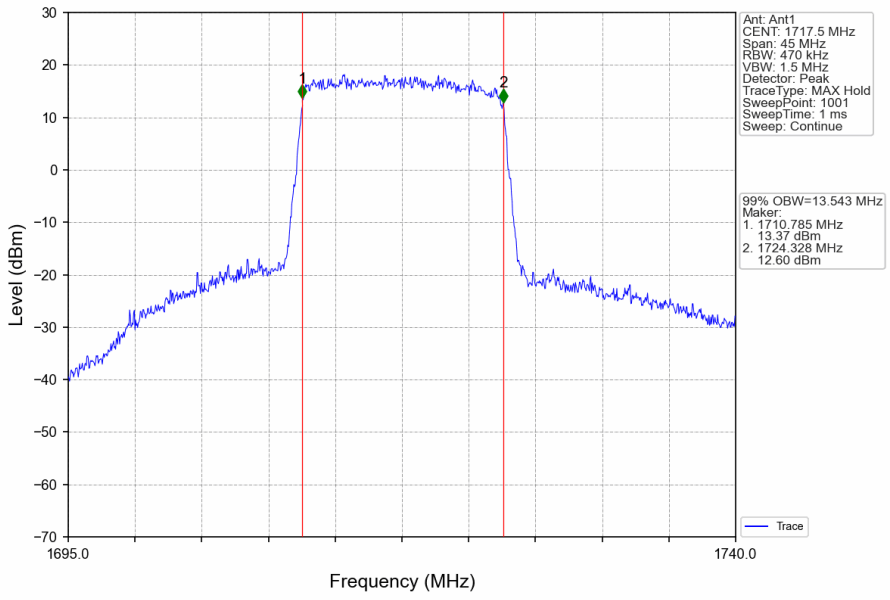
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



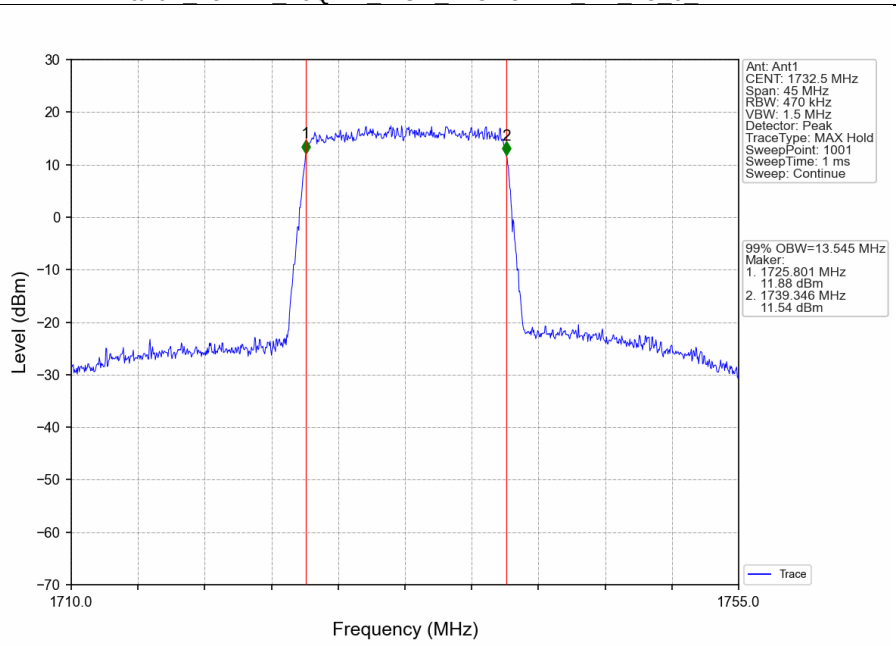
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



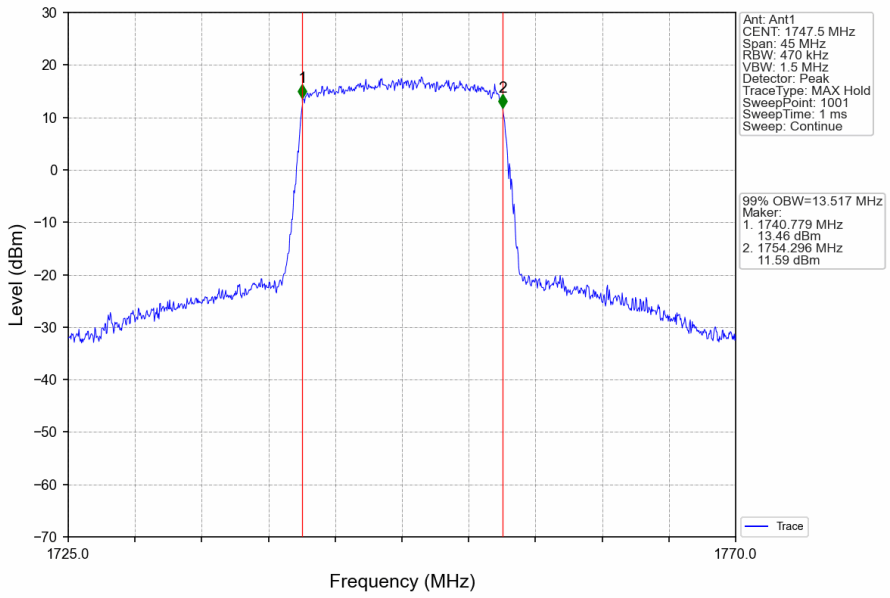
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



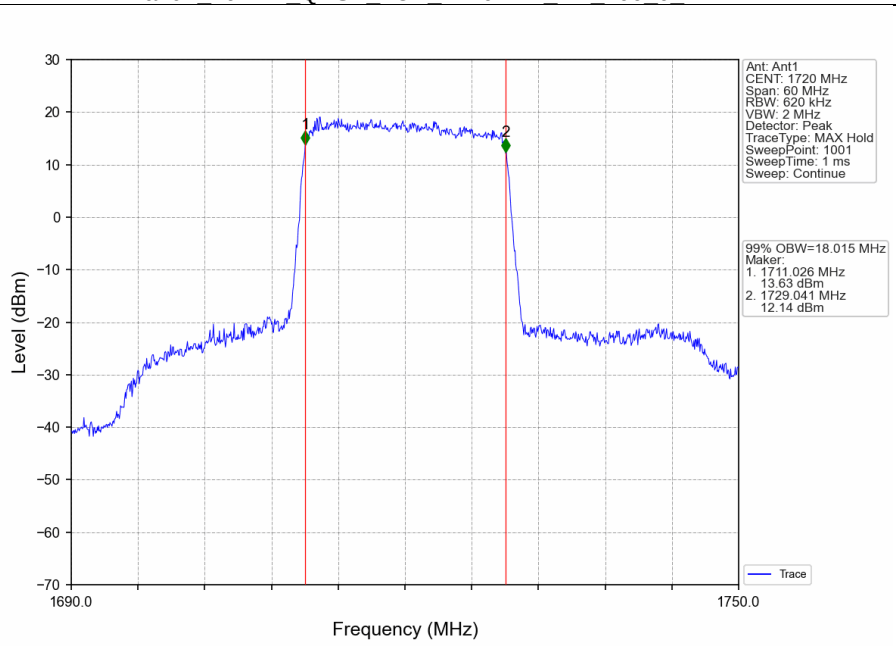
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



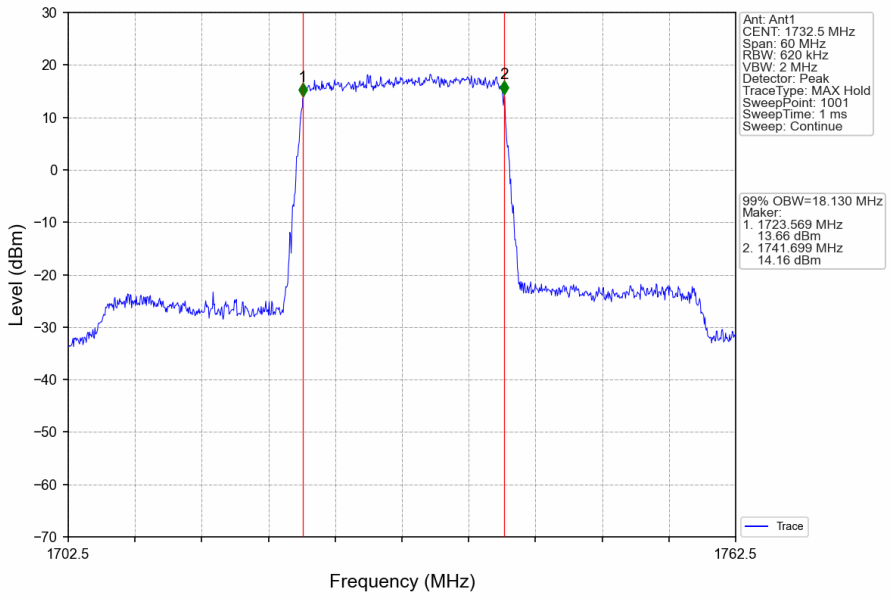
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



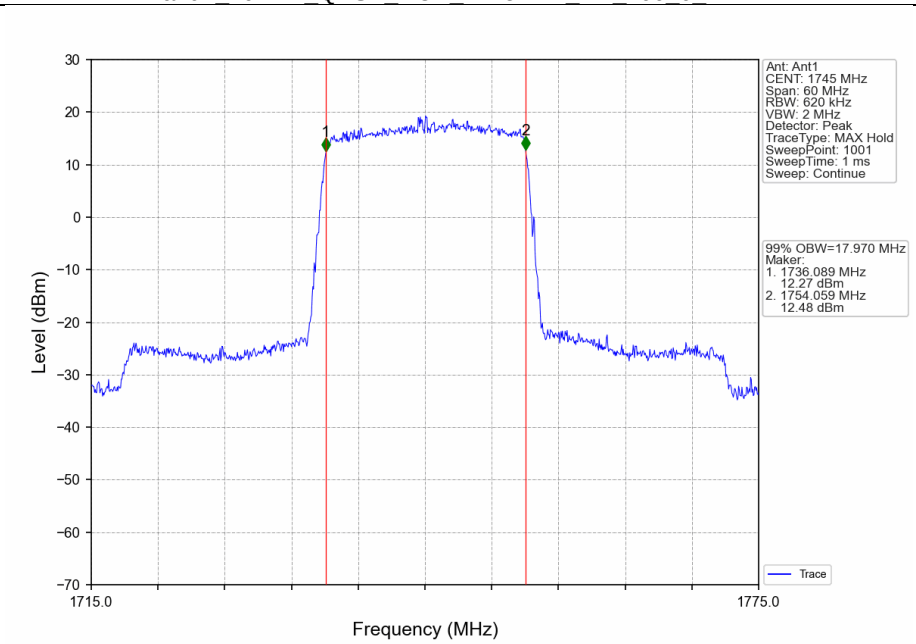
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



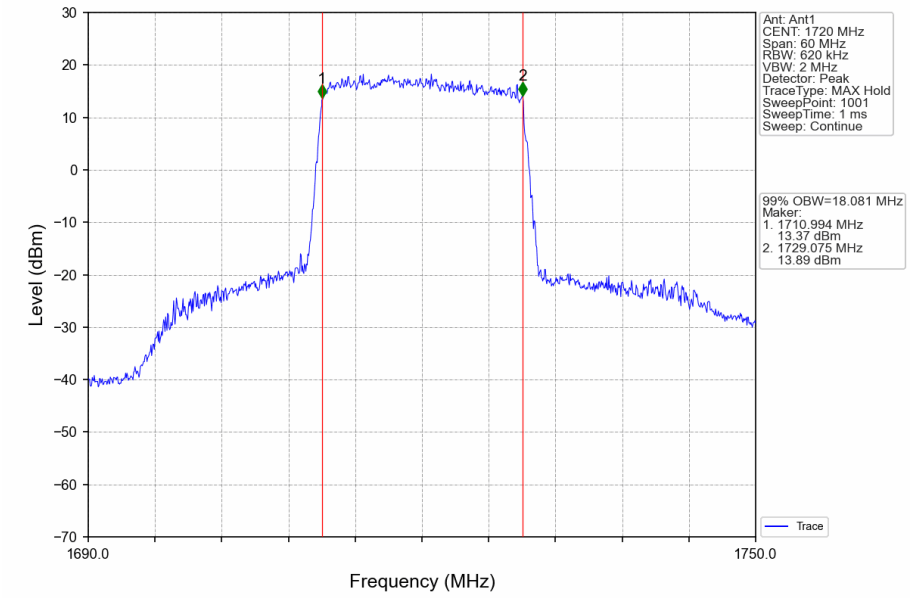
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



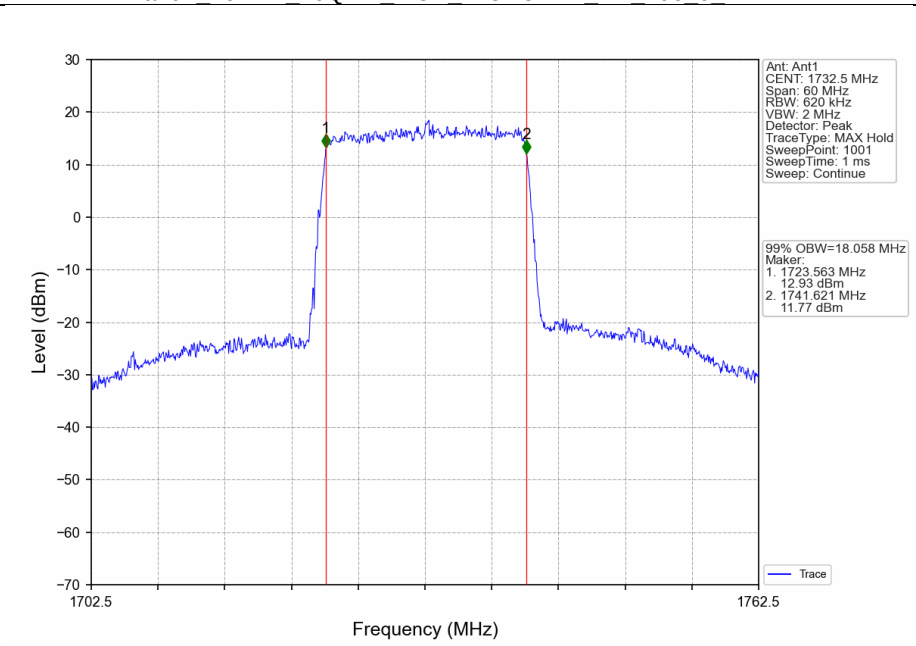
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



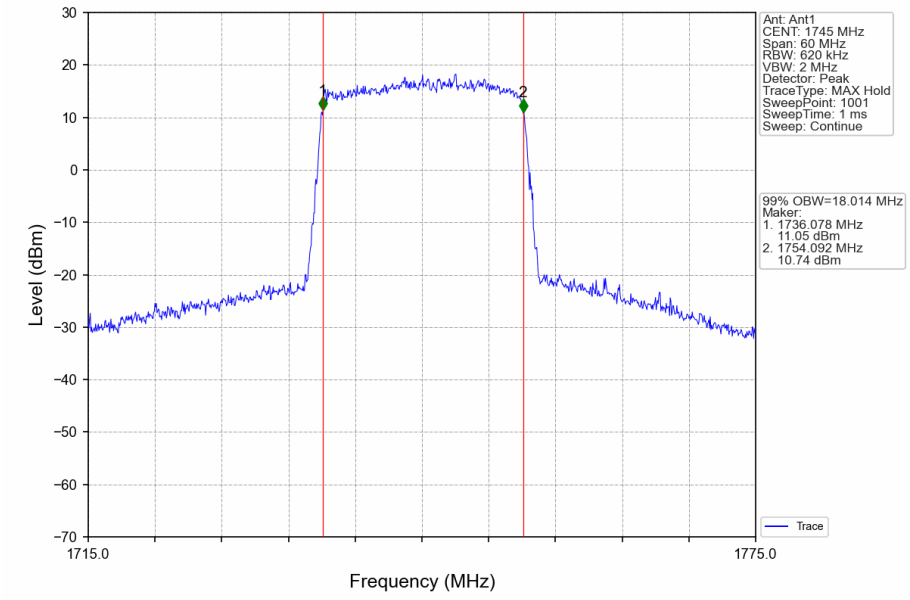
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



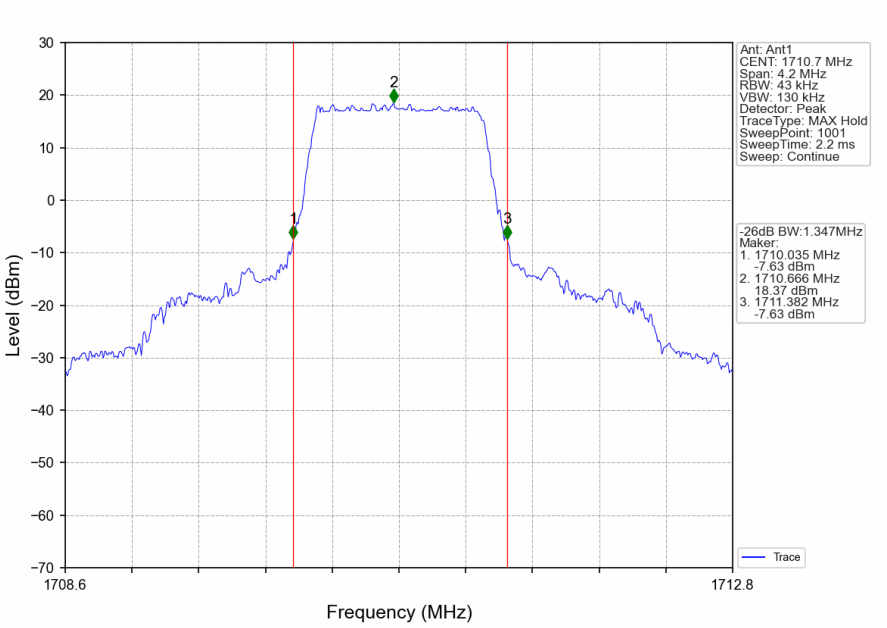
3.2 Band4_XDB

3.2.1 Test Result

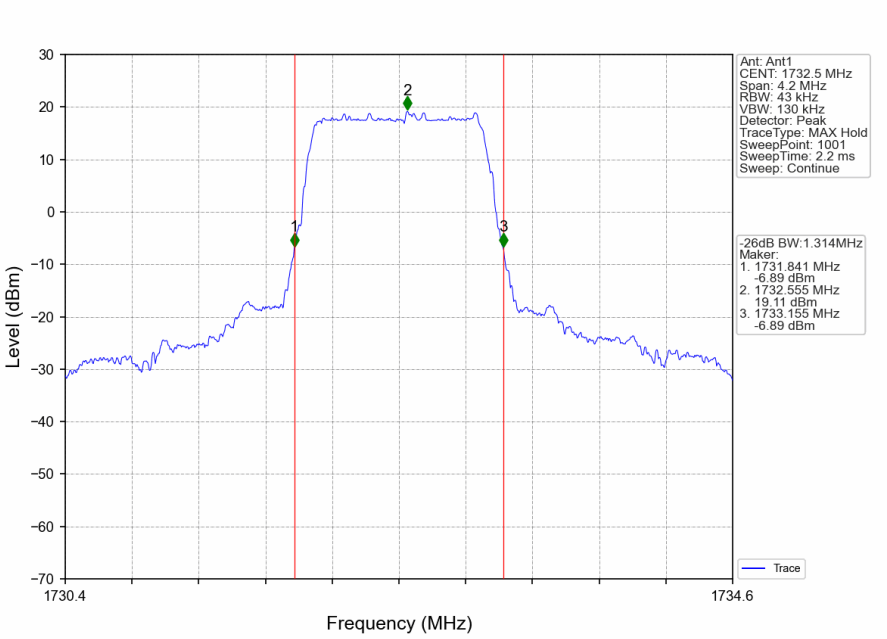
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.347	/	Pass
		1732.5	6	0	1.314	/	Pass
		1754.3	6	0	1.325	/	Pass
	16QAM	1710.7	6	0	1.323	/	Pass
		1732.5	6	0	1.330	/	Pass
		1754.3	6	0	1.320	/	Pass
3	QPSK	1711.5	15	0	3.056	/	Pass
		1732.5	15	0	3.047	/	Pass
		1753.5	15	0	3.062	/	Pass
	16QAM	1711.5	15	0	3.038	/	Pass
		1732.5	15	0	3.052	/	Pass
		1753.5	15	0	3.064	/	Pass
5	QPSK	1712.5	25	0	5.114	/	Pass
		1732.5	25	0	5.086	/	Pass
		1752.5	25	0	5.074	/	Pass
	16QAM	1712.5	25	0	5.097	/	Pass
		1732.5	25	0	5.091	/	Pass
		1752.5	25	0	5.130	/	Pass
10	QPSK	1715	50	0	10.116	/	Pass
		1732.5	50	0	10.095	/	Pass
		1750	50	0	10.000	/	Pass
	16QAM	1715	50	0	9.936	/	Pass
		1732.5	50	0	9.940	/	Pass
		1750	50	0	9.985	/	Pass
15	QPSK	1717.5	75	0	14.961	/	Pass
		1732.5	75	0	14.919	/	Pass
		1747.5	75	0	15.012	/	Pass
	16QAM	1717.5	75	0	14.911	/	Pass
		1732.5	75	0	14.957	/	Pass
		1747.5	75	0	14.954	/	Pass
20	QPSK	1720	100	0	19.734	/	Pass
		1732.5	100	0	19.897	/	Pass
		1745	100	0	19.696	/	Pass
	16QAM	1720	100	0	19.809	/	Pass
		1732.5	100	0	19.736	/	Pass
		1745	100	0	19.658	/	Pass

3.2.2 Test Graph

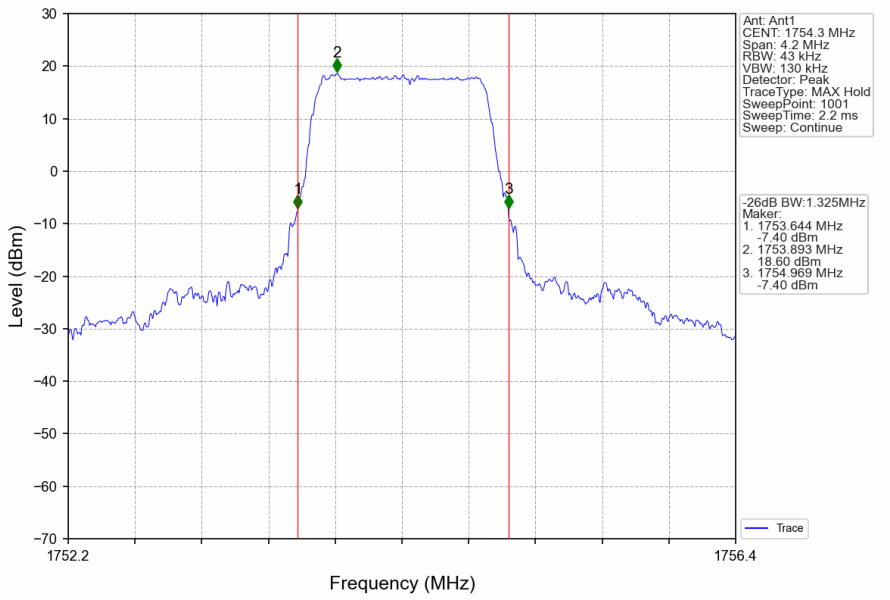
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



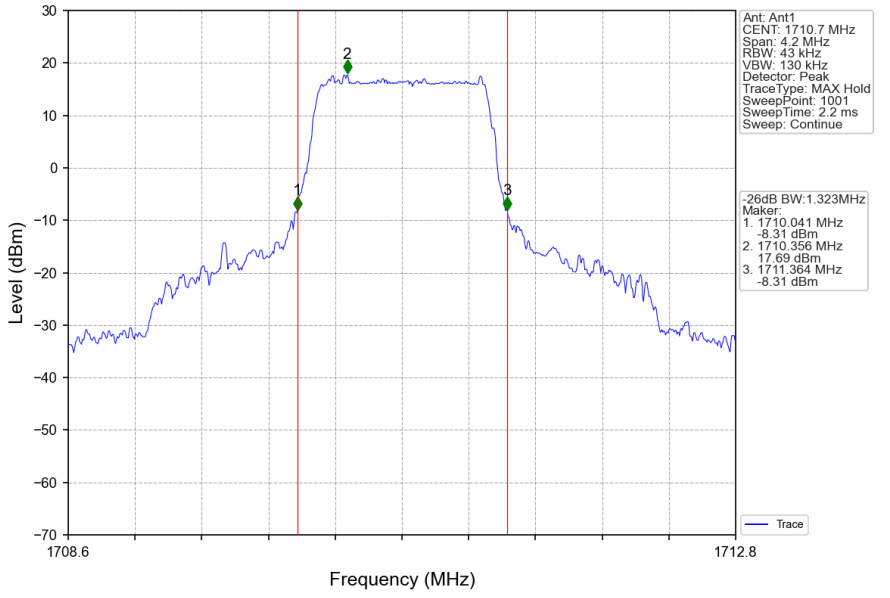
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



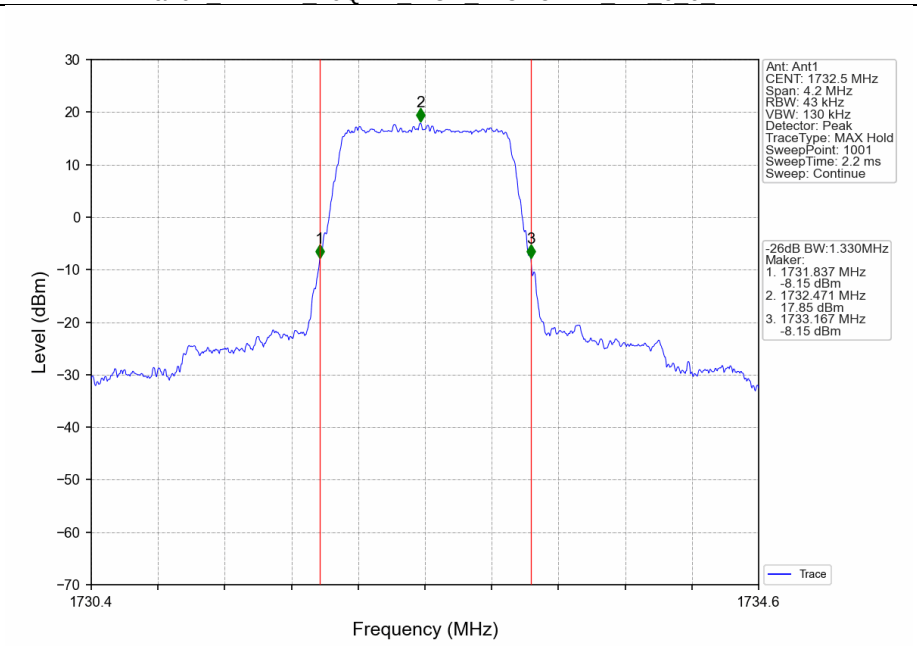
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



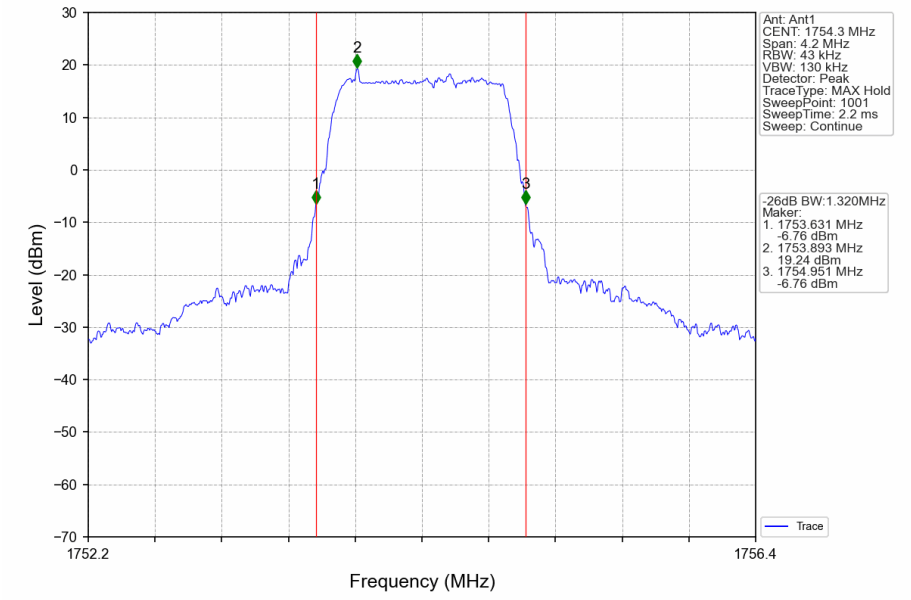
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



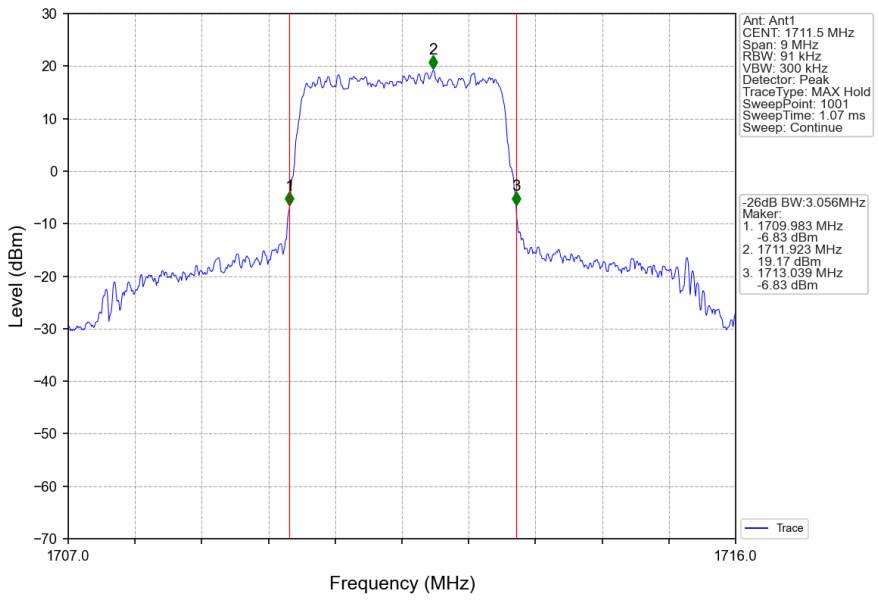
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



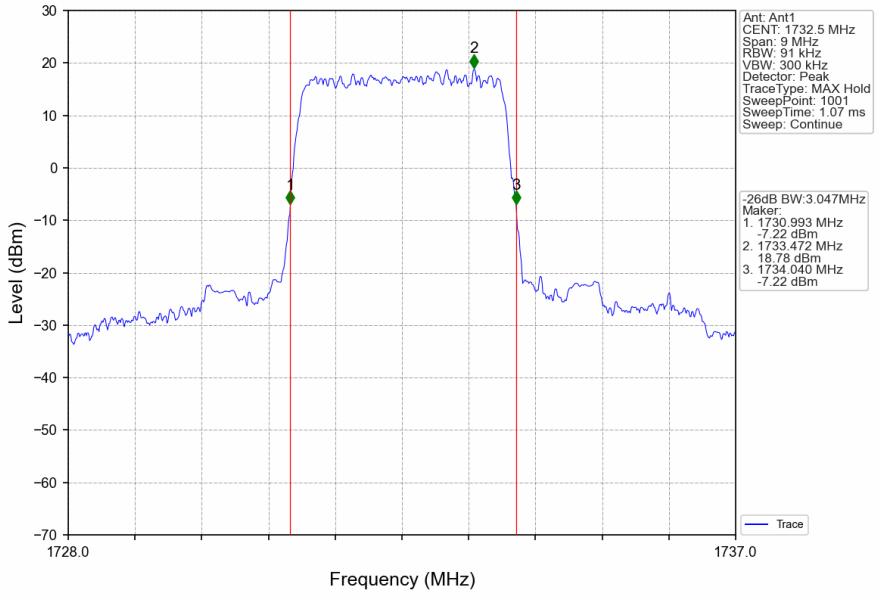
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



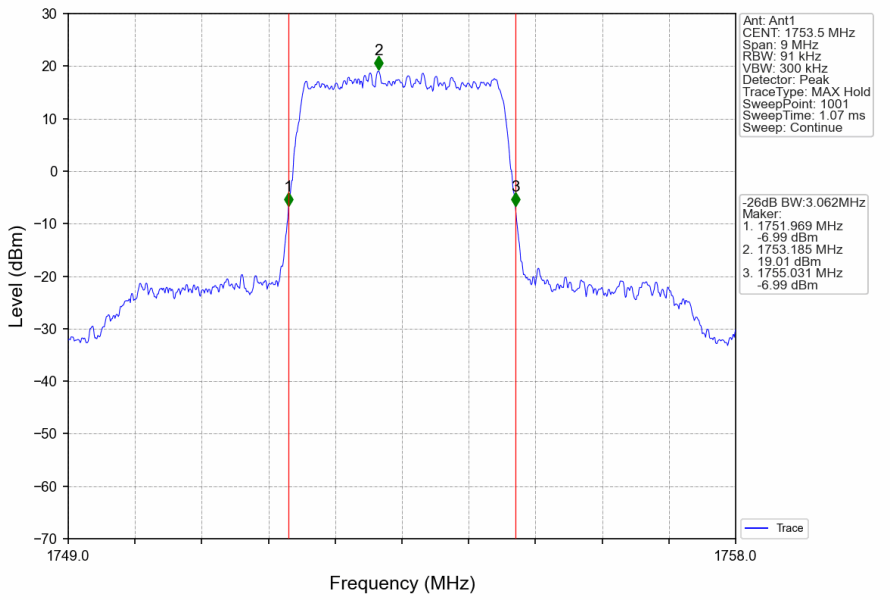
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



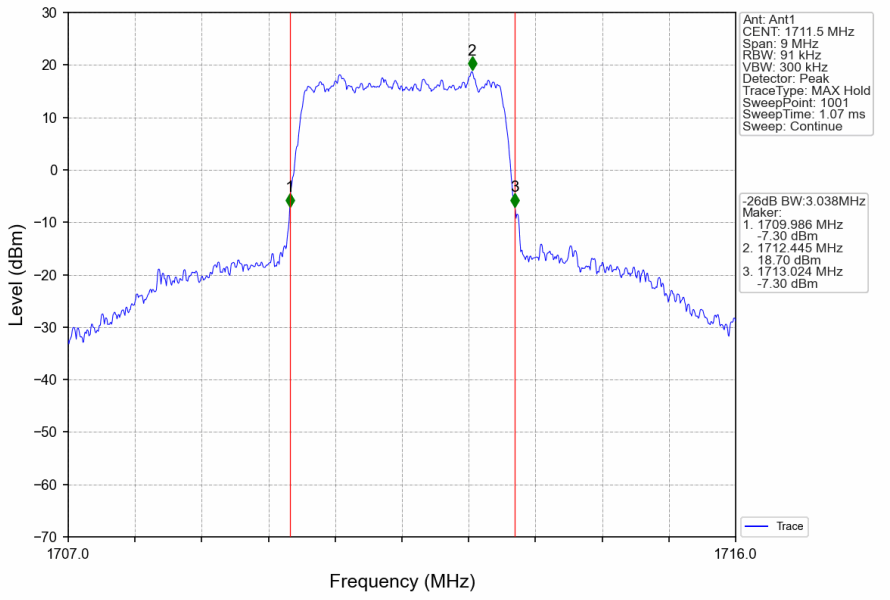
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



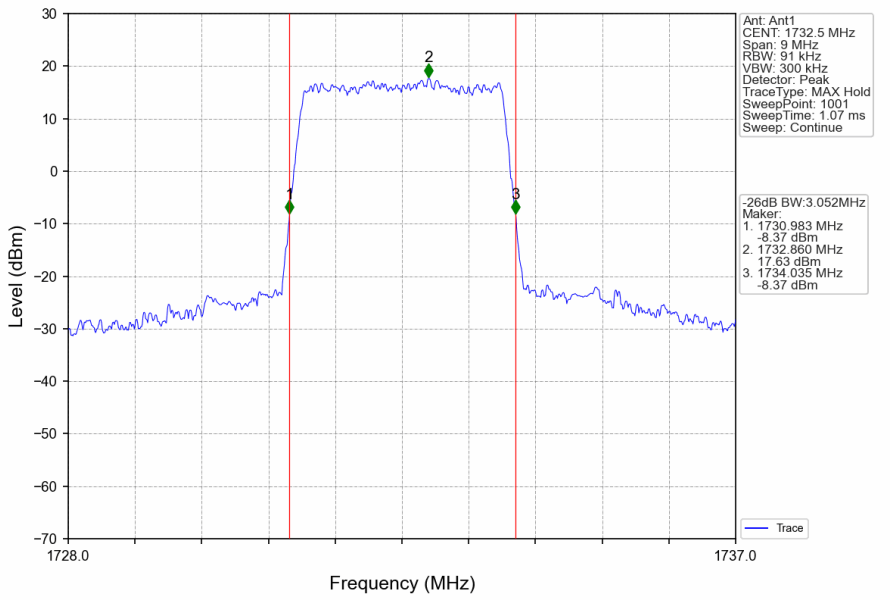
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



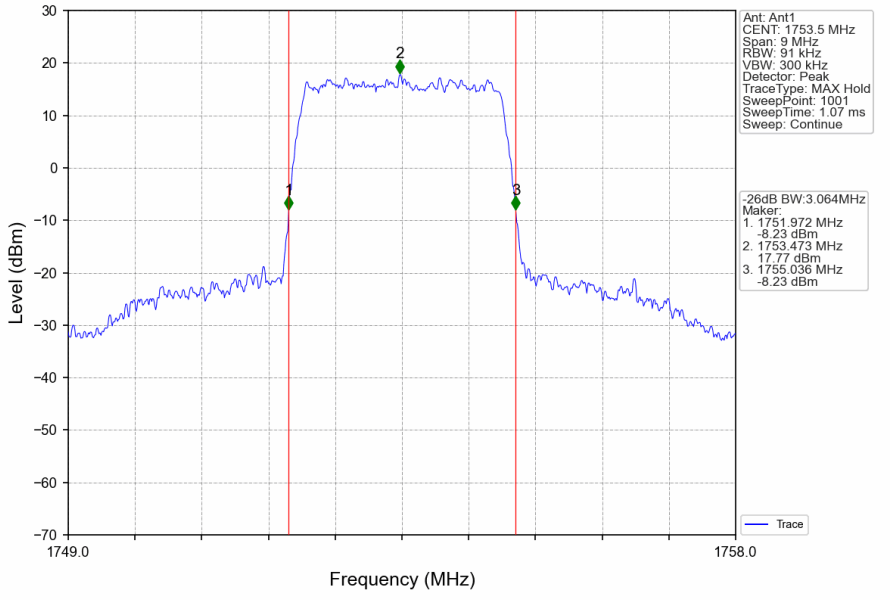
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



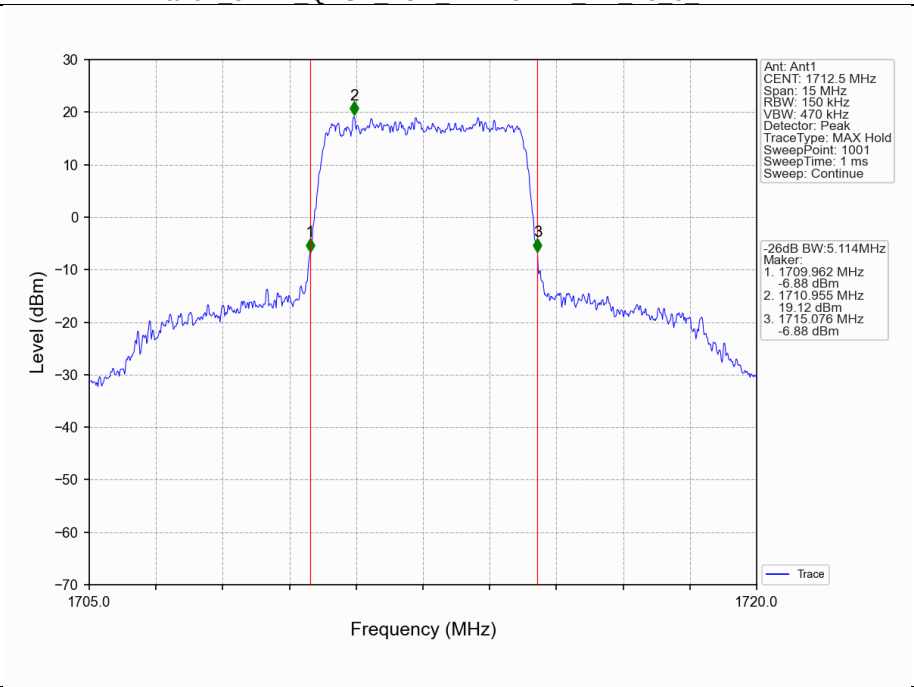
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



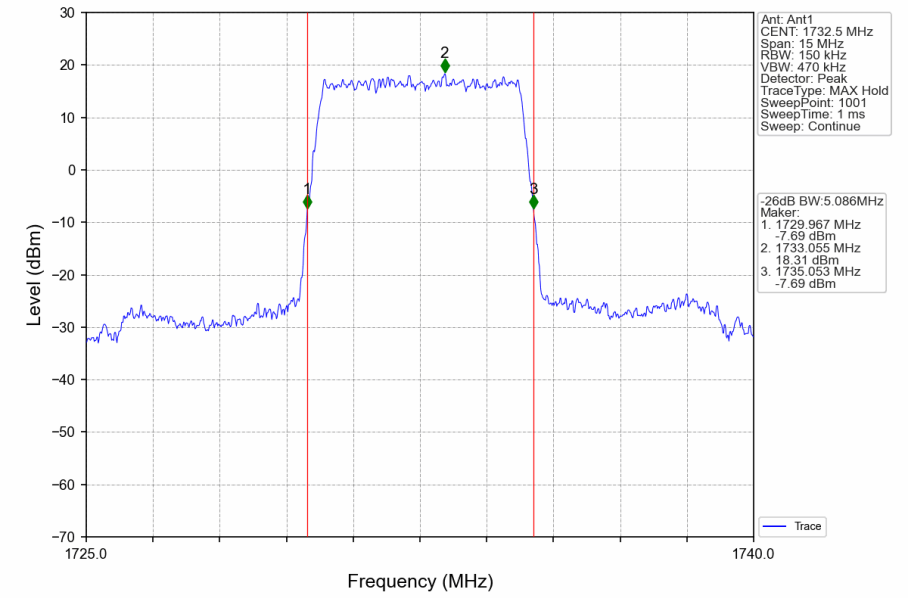
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



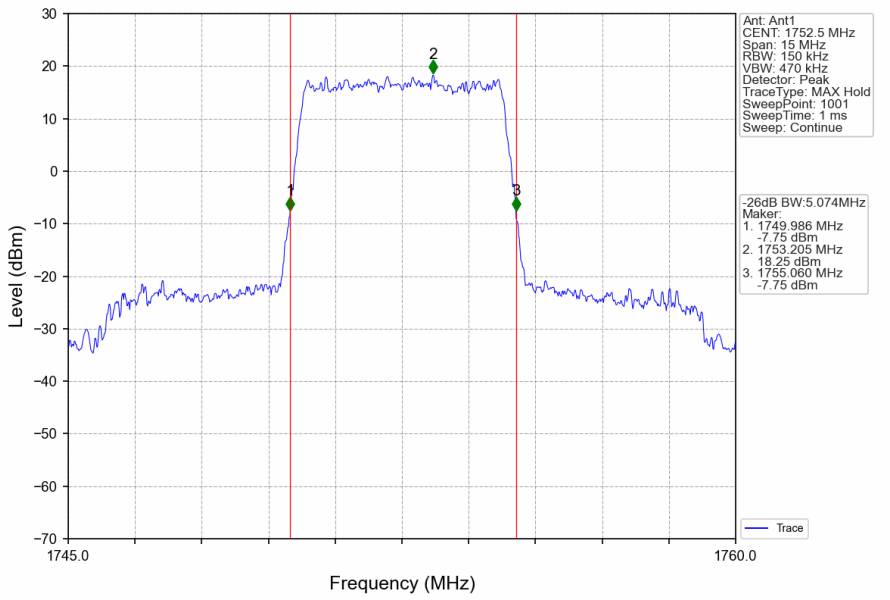
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



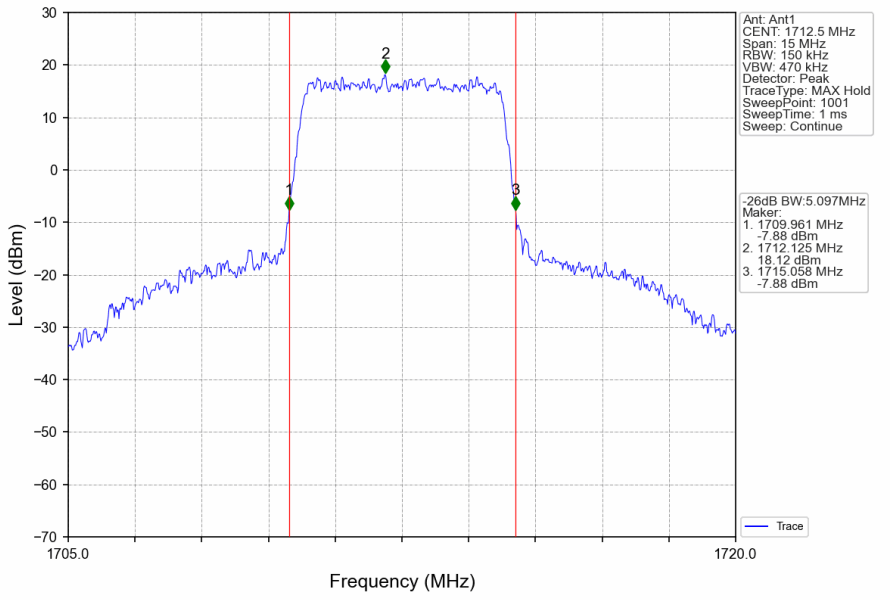
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



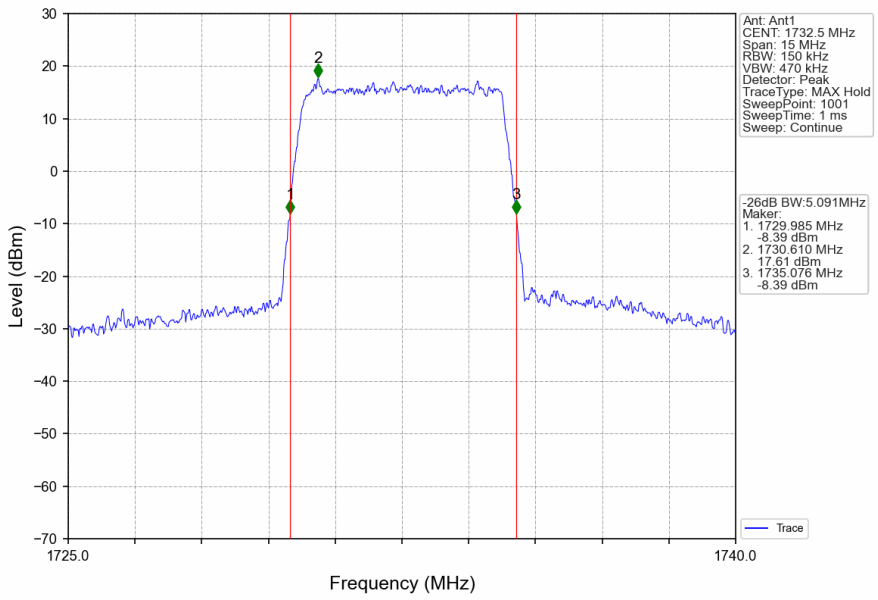
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



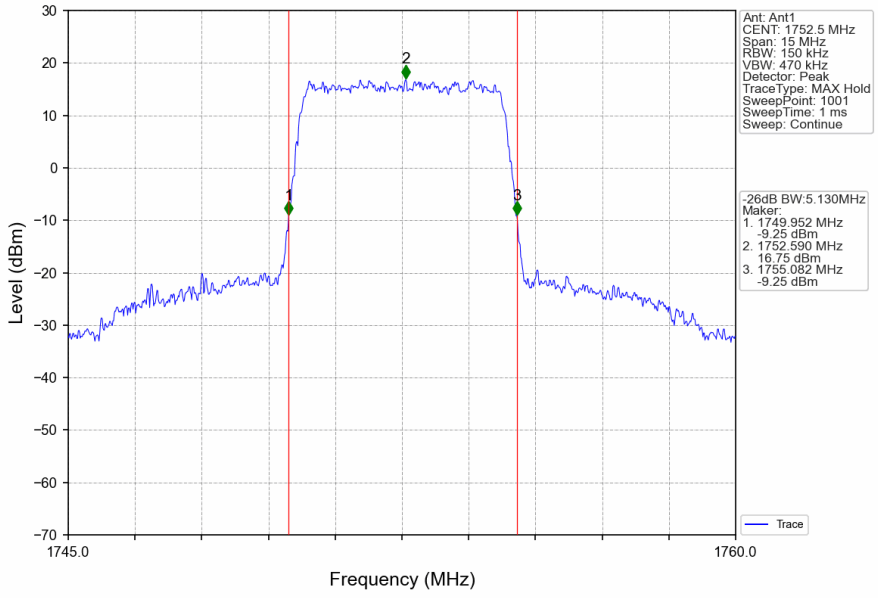
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



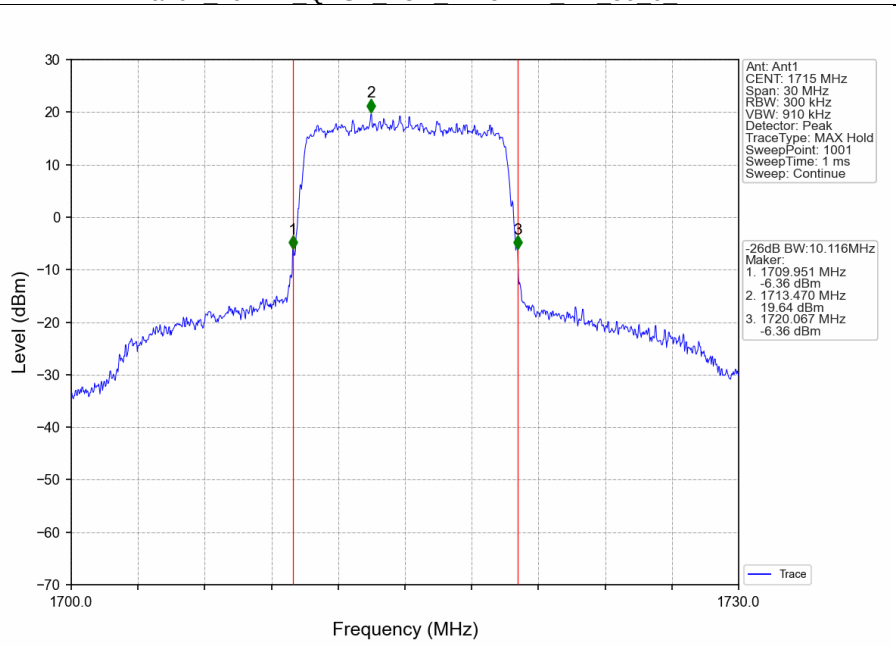
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



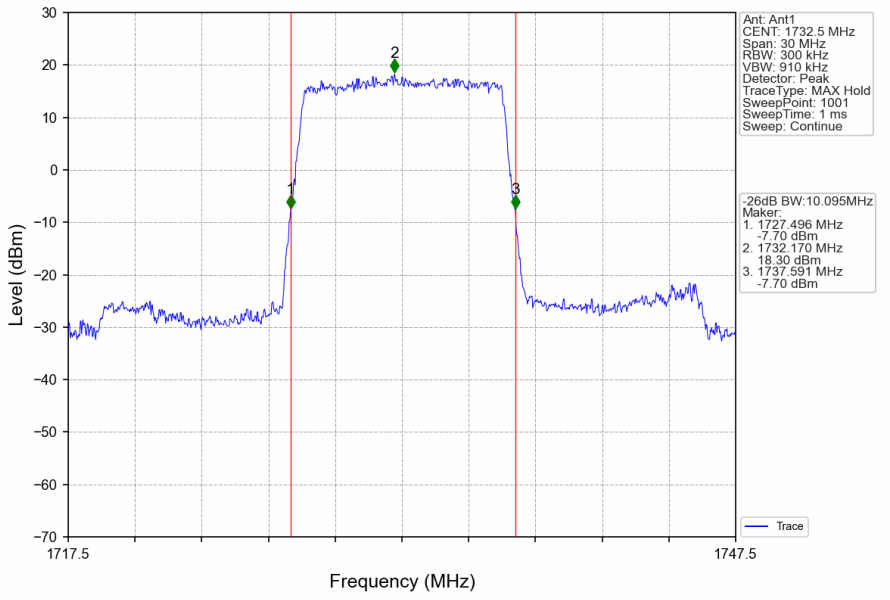
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



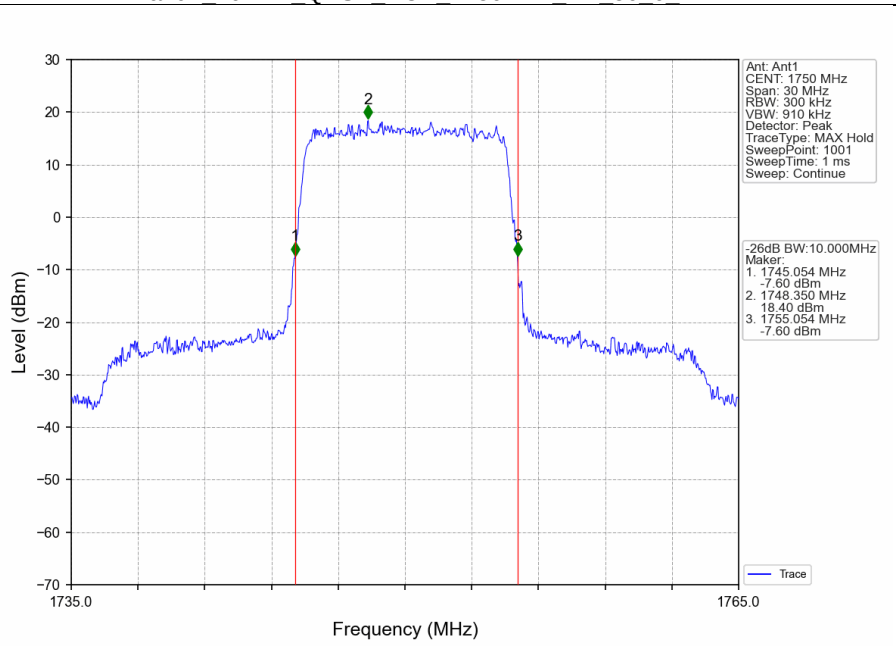
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



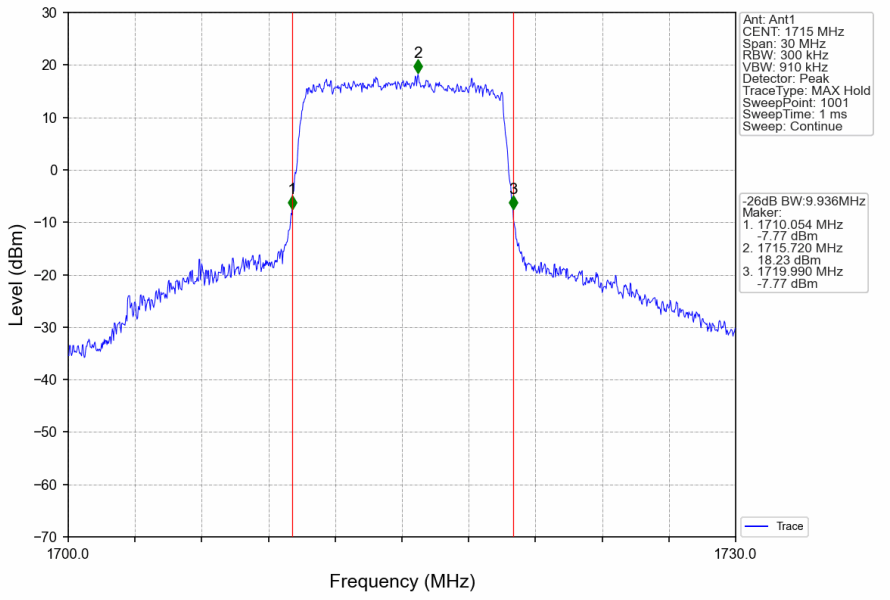
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



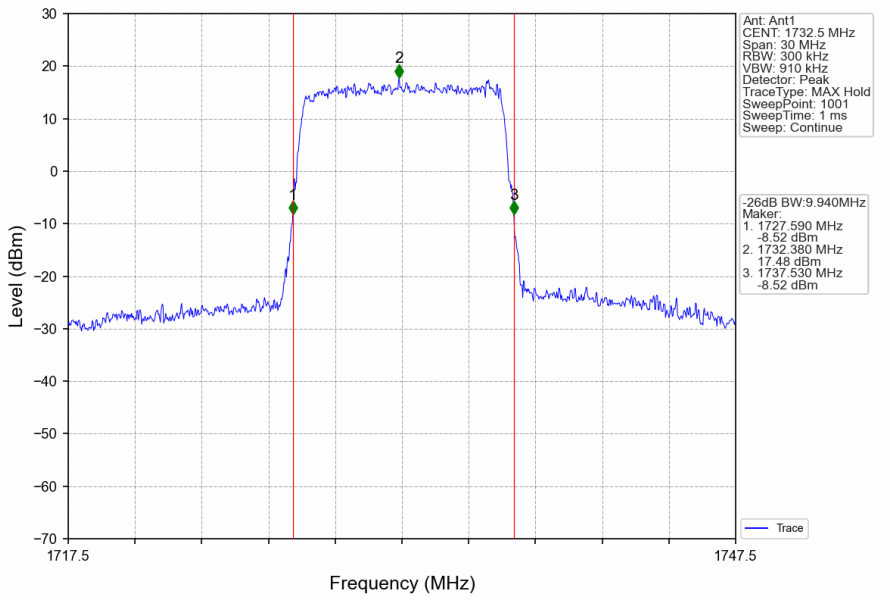
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



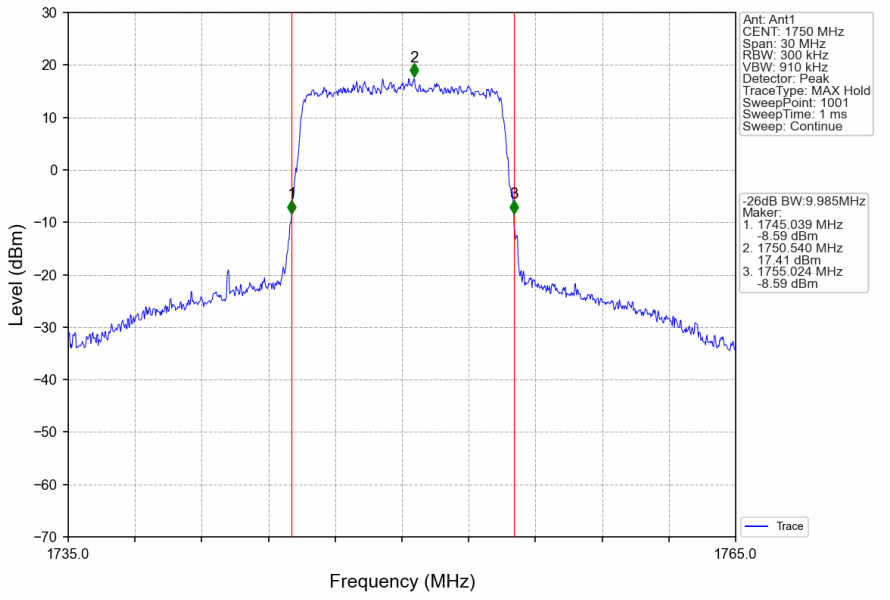
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



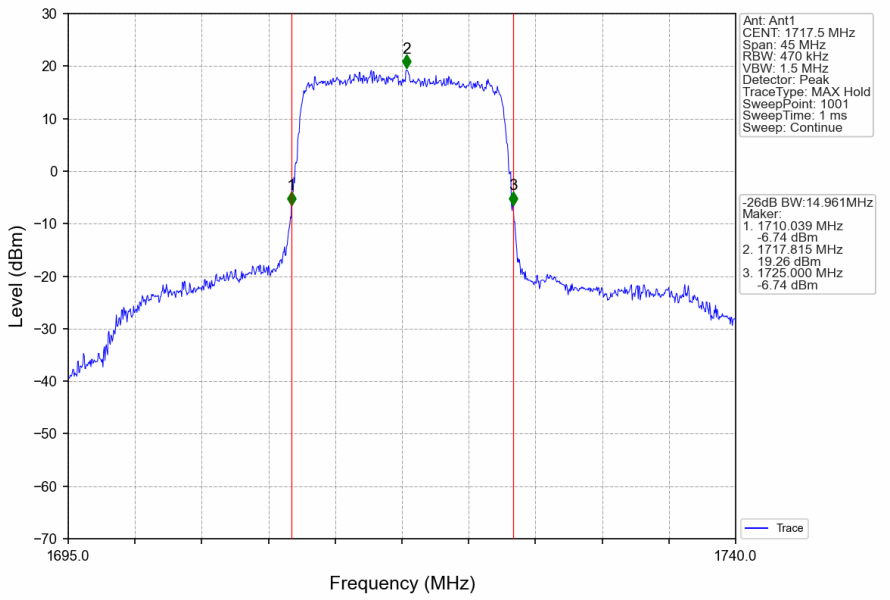
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



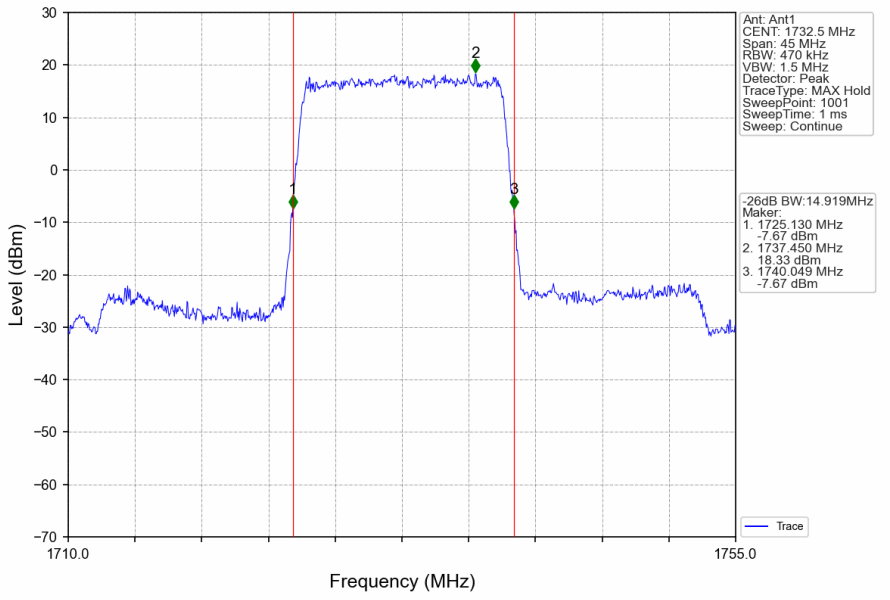
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



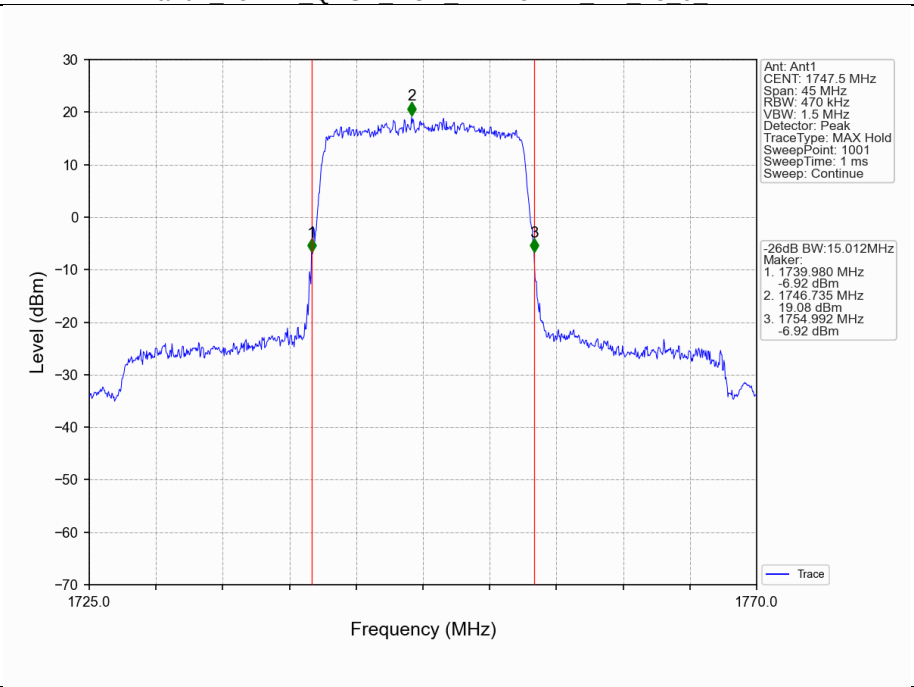
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



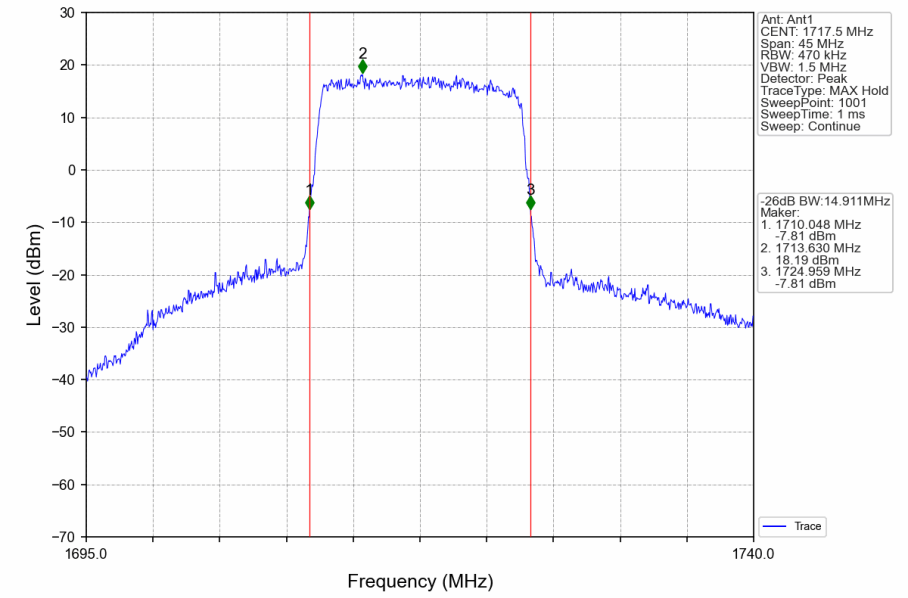
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



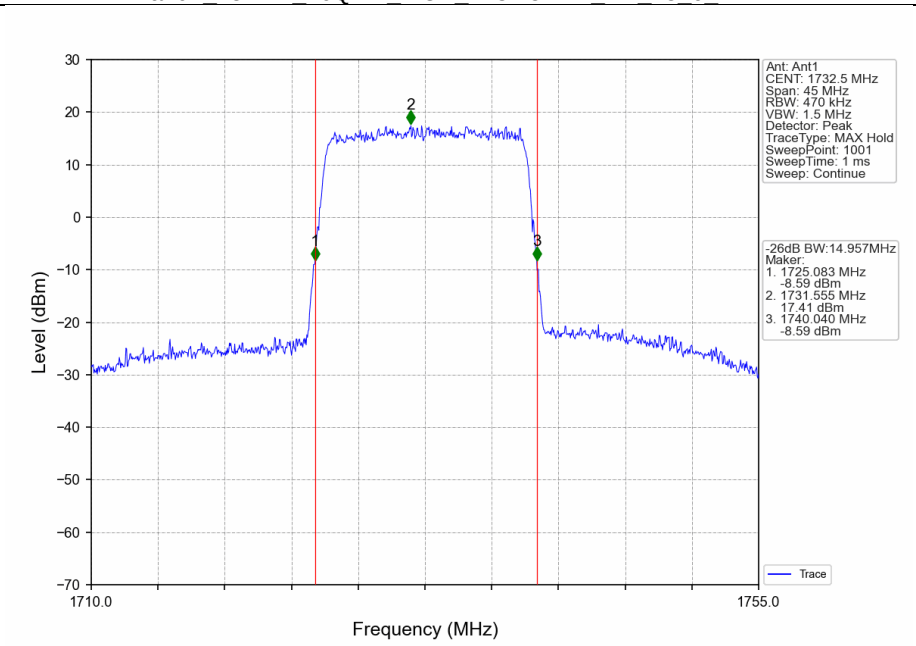
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



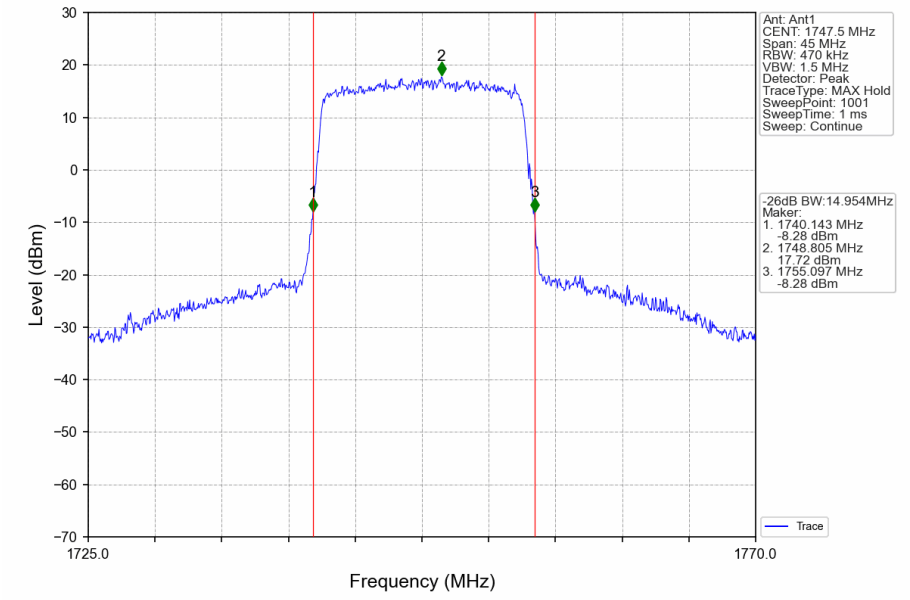
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



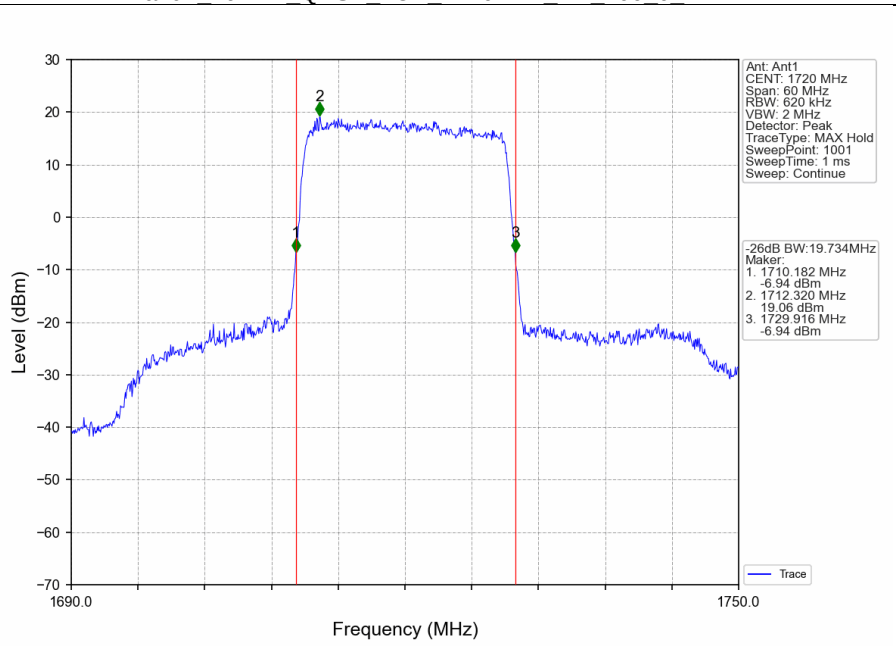
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



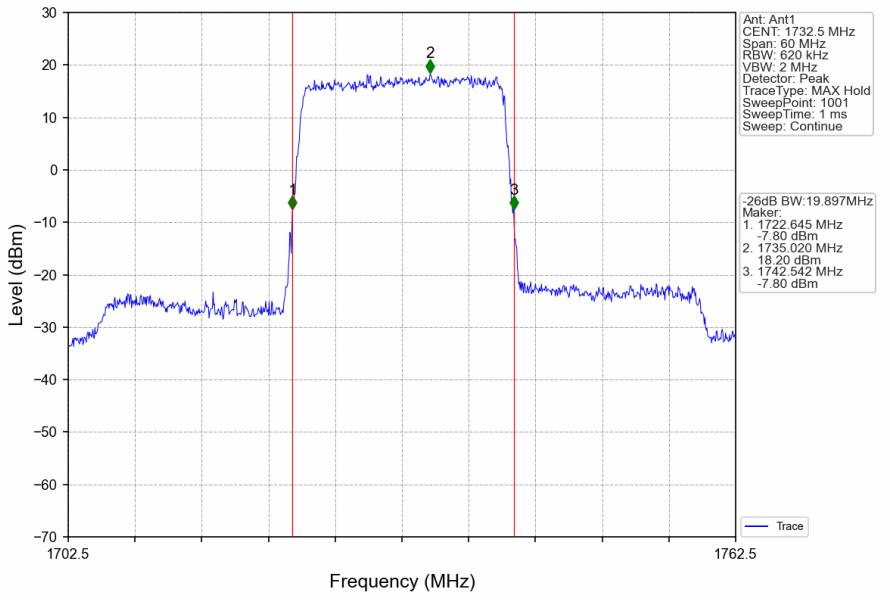
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



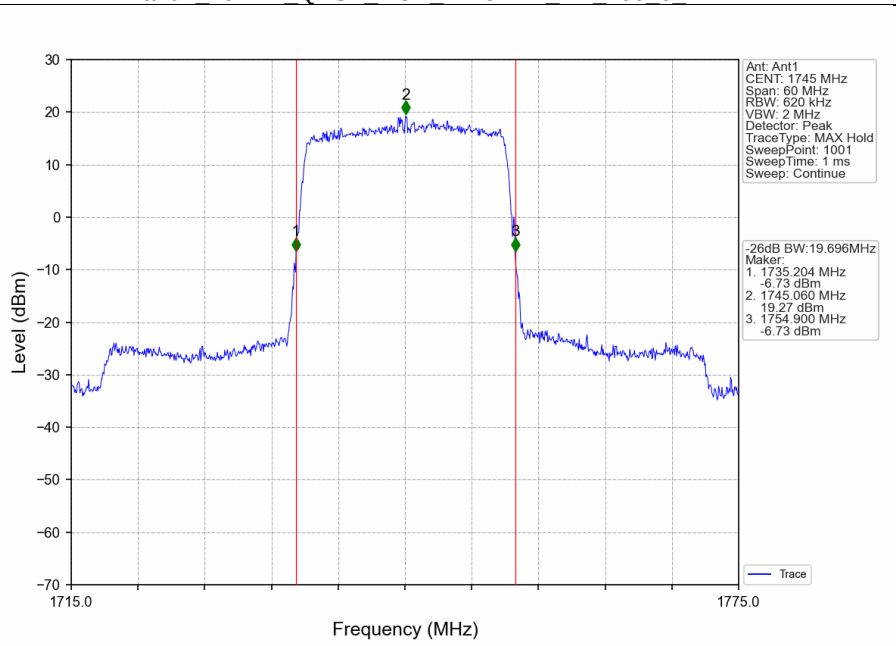
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



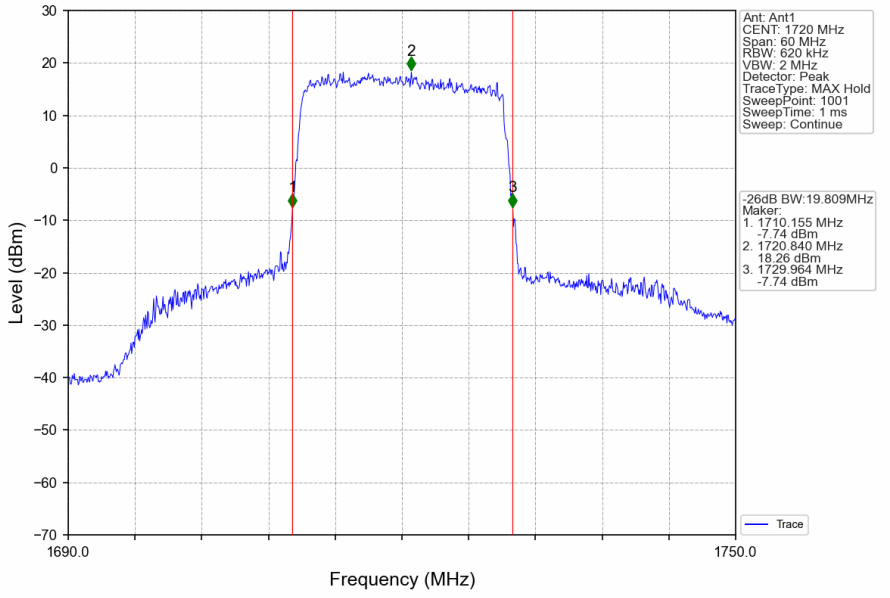
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



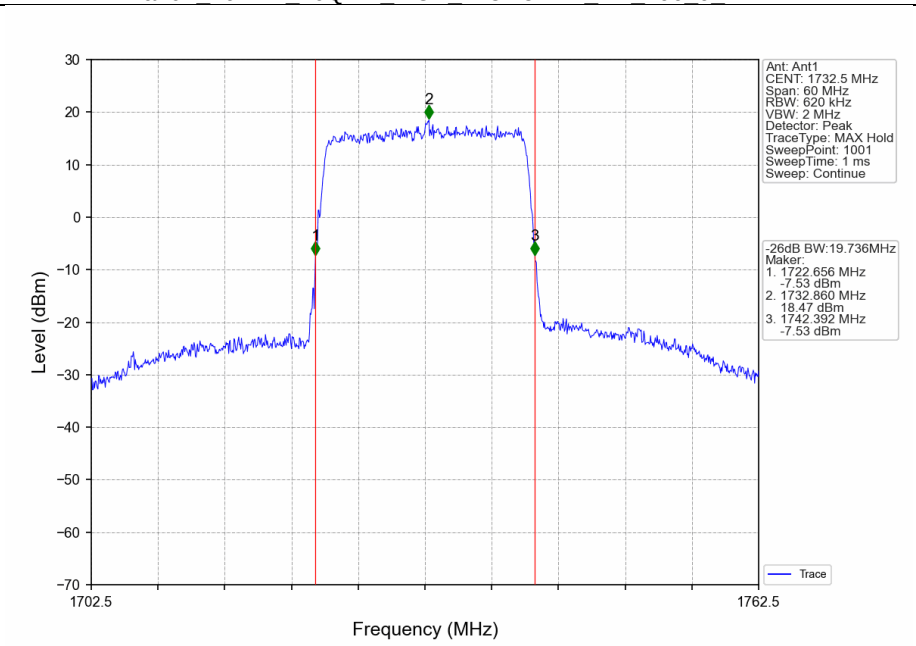
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



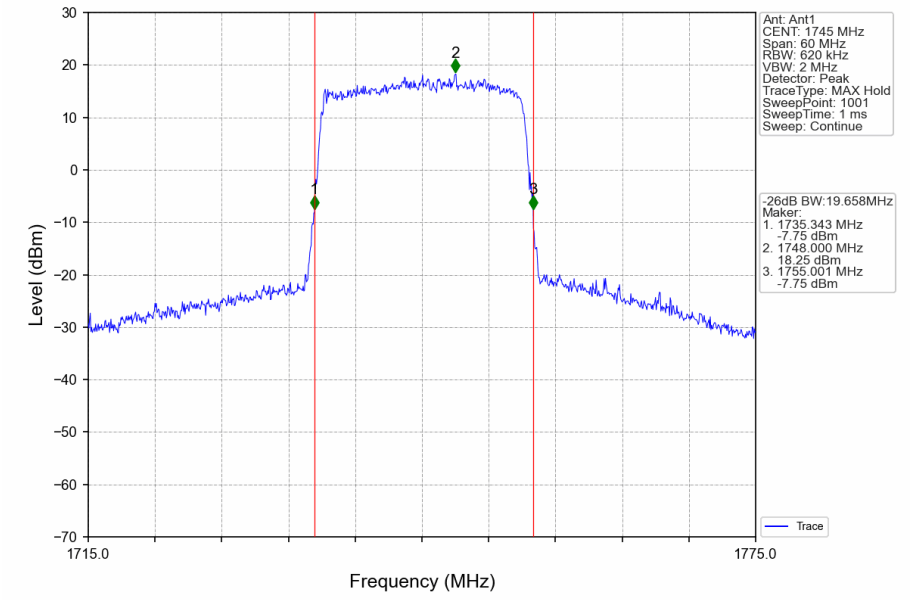
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

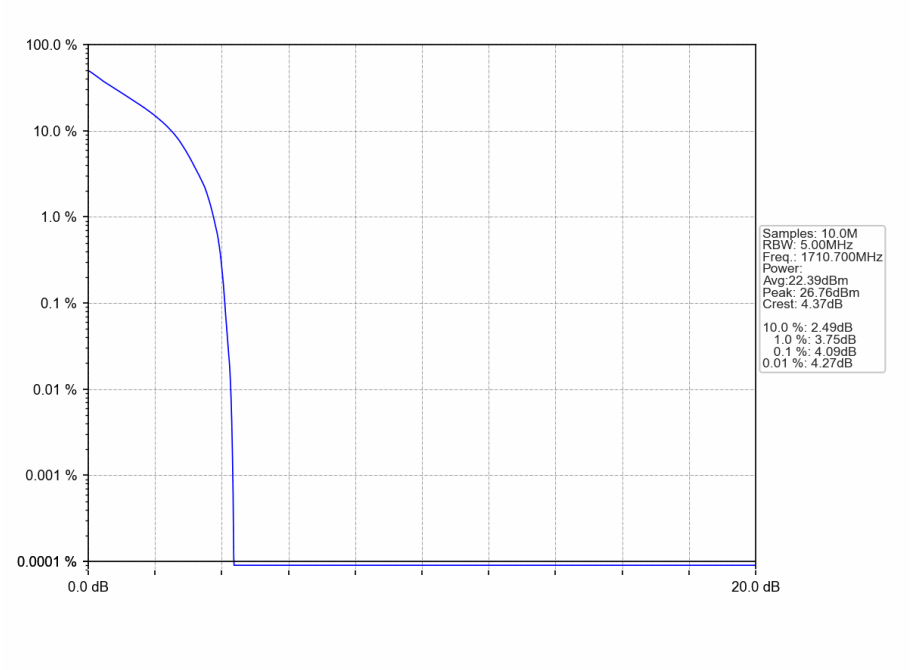
4.1 B4_1.4MHz

4.1.1 Test Result

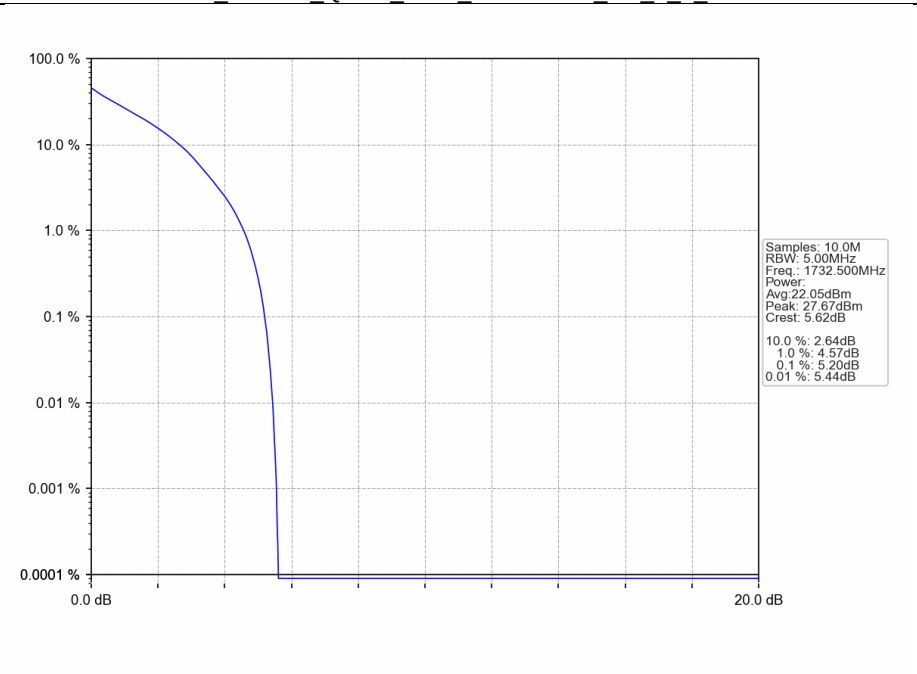
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.09	<=13	Pass
	1732.5	6	0	5.20	<=13	Pass
	1754.3	6	0	4.70	<=13	Pass
16QAM	1710.7	6	0	5.05	<=13	Pass
	1732.5	6	0	6.05	<=13	Pass
	1754.3	6	0	5.54	<=13	Pass

4.1.2 Test Graph

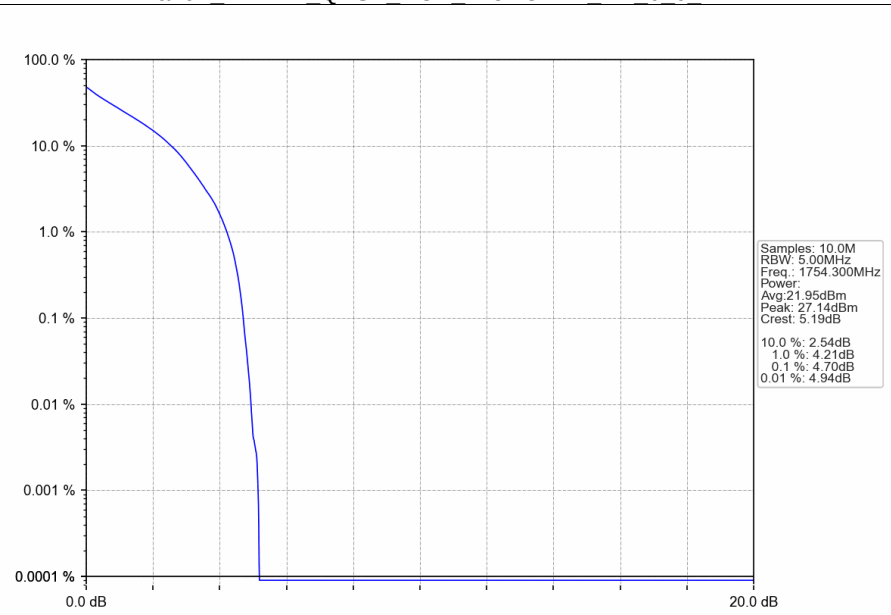
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



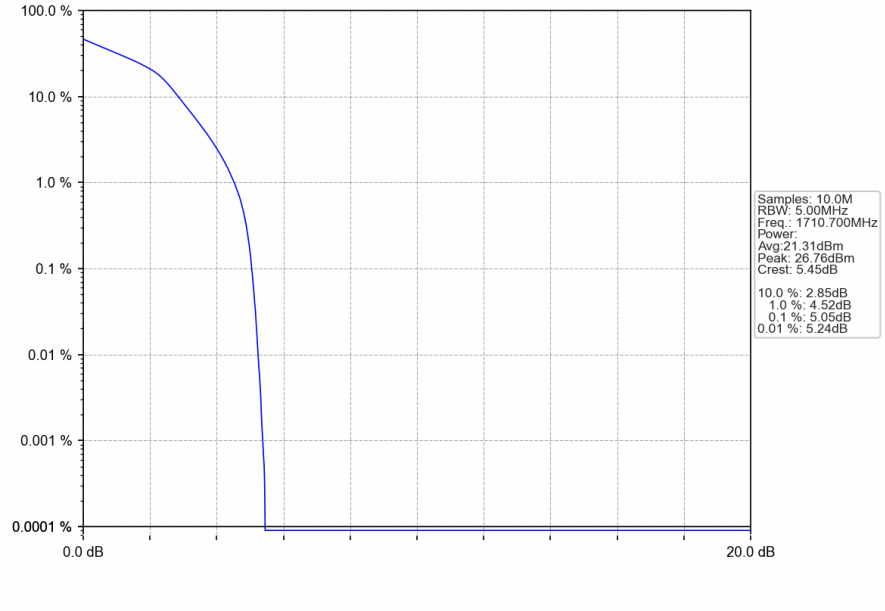
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



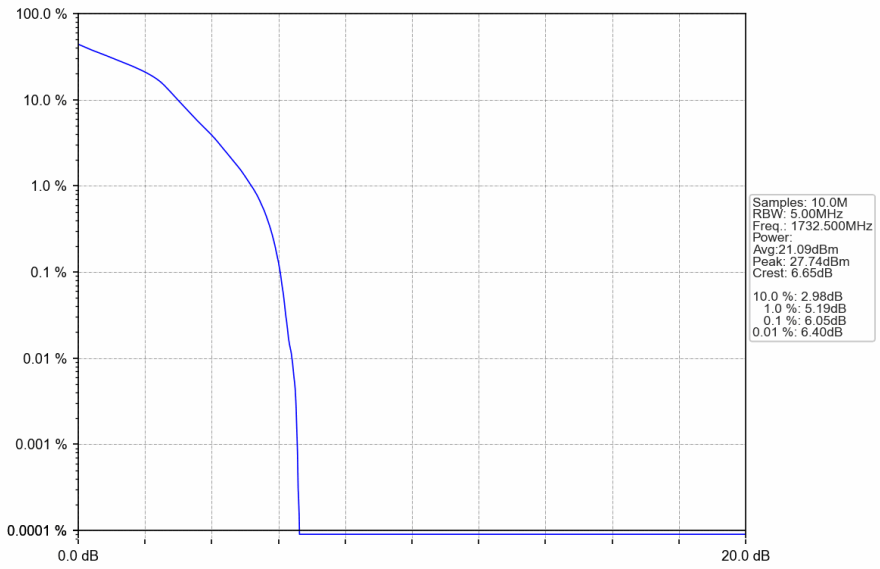
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



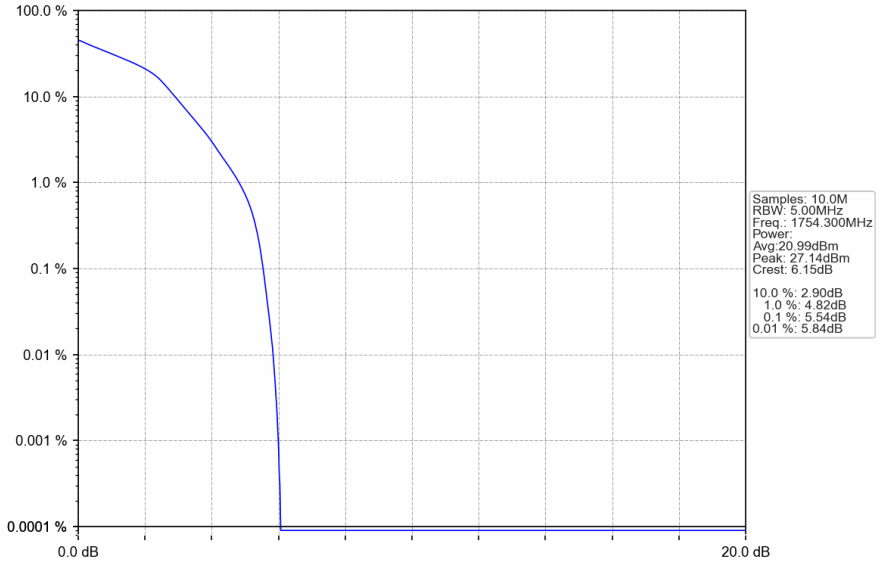
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



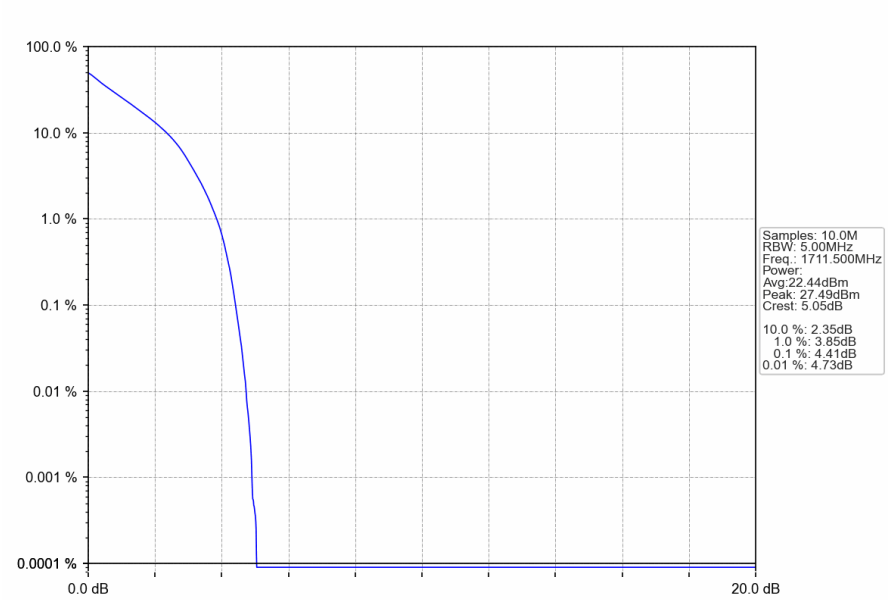
4.2 B4_3MHz

4.2.1 Test Result

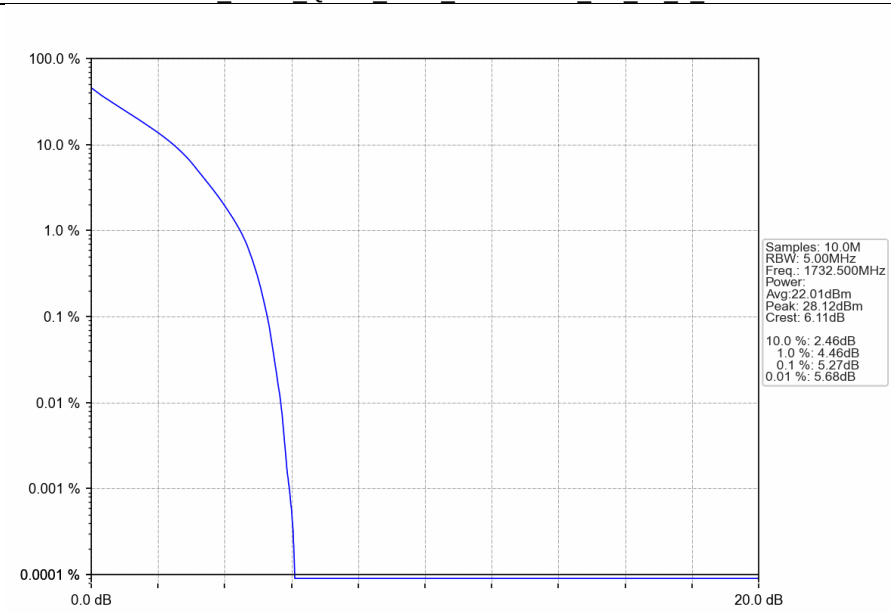
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.41	<=13	Pass
	1732.5	15	0	5.27	<=13	Pass
	1753.5	15	0	4.93	<=13	Pass
16QAM	1711.5	15	0	5.22	<=13	Pass
	1732.5	15	0	6.07	<=13	Pass
	1753.5	15	0	5.69	<=13	Pass

4.2.2 Test Graph

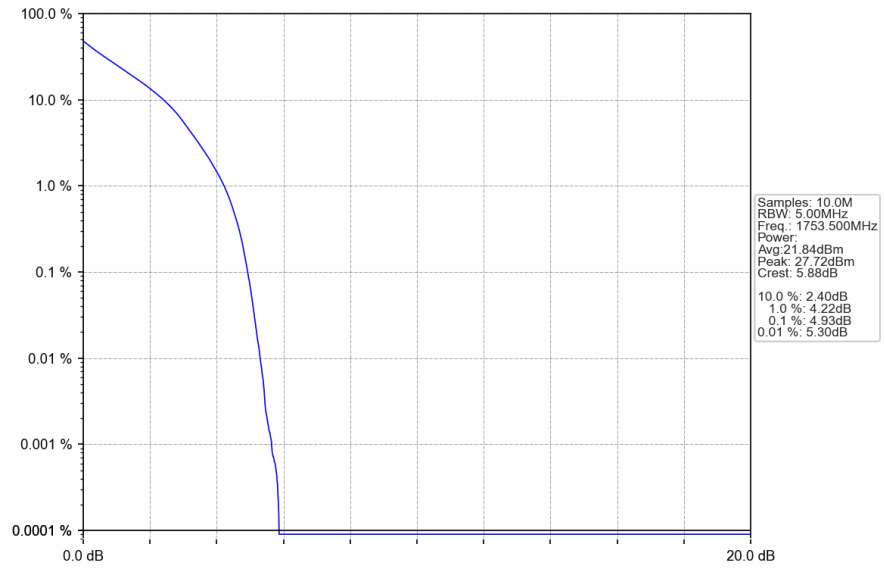
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



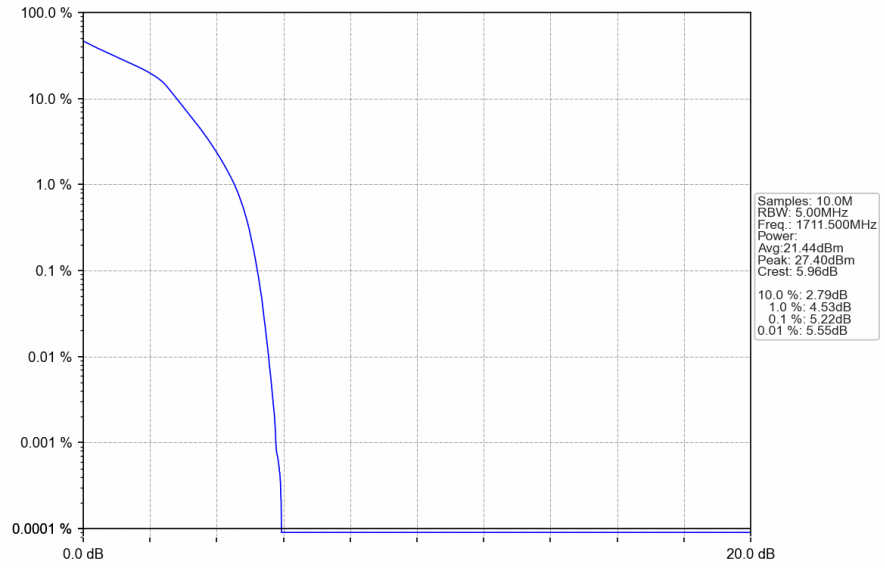
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



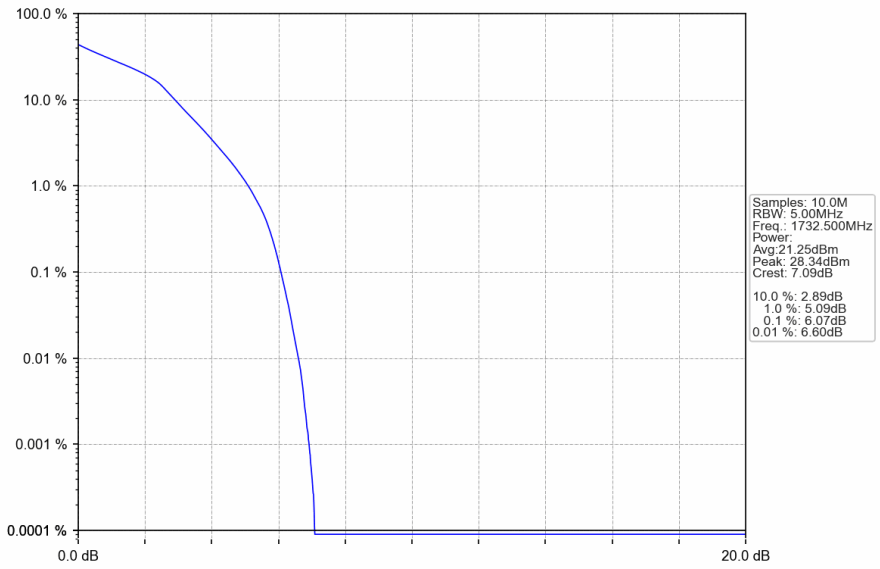
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



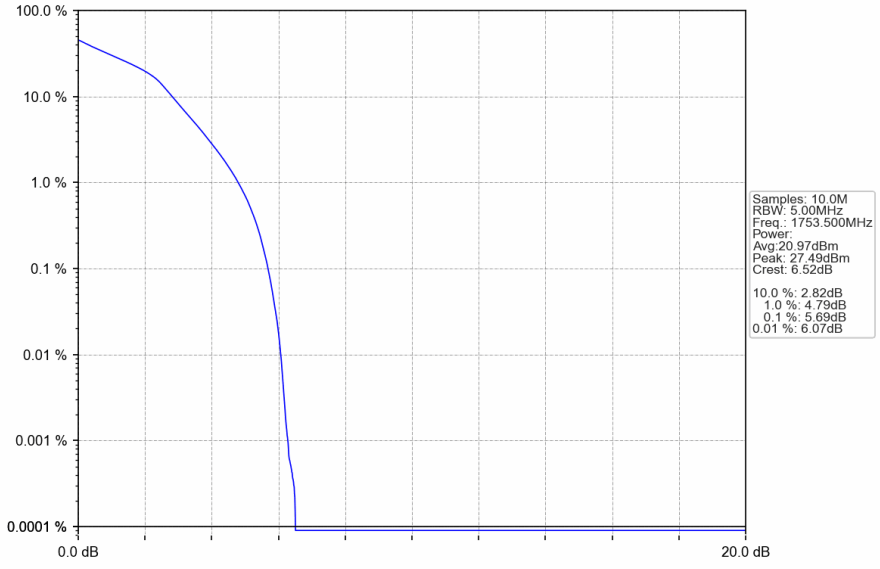
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



4.3 B4_5MHz

4.3.1 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	4.74	<=13	Pass
	1732.5	25	0	5.30	<=13	Pass
	1752.5	25	0	5.02	<=13	Pass
16QAM	1712.5	25	0	5.49	<=13	Pass
	1732.5	25	0	6.06	<=13	Pass
	1752.5	25	0	5.77	<=13	Pass