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	21.97	2.46	24.43	<=30	Pass
			2	22.09	2.46	24.55	<=30	Pass
			5	21.96	2.46	24.42	<=30	Pass
		3	0	21.95	2.46	24.41	<=30	Pass
			2	21.97	2.46	24.43	<=30	Pass
			3	21.95	2.46	24.41	<=30	Pass
		6	0	21.00	2.46	23.46	<=30	Pass
	1732.5	1	0	21.84	2.46	24.30	<=30	Pass
			2	21.95	2.46	24.41	<=30	Pass
			5	21.61	2.46	24.07	<=30	Pass
		3	0	21.82	2.46	24.28	<=30	Pass
			2	21.51	2.46	23.97	<=30	Pass
			3	21.64	2.46	24.10	<=30	Pass
		6	0	20.63	2.46	23.09	<=30	Pass
	1754.3	1	0	21.20	2.46	23.66	<=30	Pass
			2	21.13	2.46	23.59	<=30	Pass
			5	21.05	2.46	23.51	<=30	Pass
		3	0	21.08	2.46	23.54	<=30	Pass
			2	21.13	2.46	23.59	<=30	Pass
			3	21.10	2.46	23.56	<=30	Pass
		6	0	20.12	2.46	22.58	<=30	Pass
16QAM	1710.7	1	0	20.87	2.46	23.33	<=30	Pass
			2	20.98	2.46	23.44	<=30	Pass
			5	20.88	2.46	23.34	<=30	Pass
		3	0	20.77	2.46	23.23	<=30	Pass
			2	20.54	2.46	23.00	<=30	Pass
			3	20.48	2.46	22.94	<=30	Pass
		6	0	19.34	2.46	21.80	<=30	Pass
	1732.5	1	0	20.74	2.46	23.20	<=30	Pass
			2	20.75	2.46	23.21	<=30	Pass
			5	20.54	2.46	23.00	<=30	Pass
		3	0	20.50	2.46	22.96	<=30	Pass
			2	20.61	2.46	23.07	<=30	Pass
			3	20.43	2.46	22.89	<=30	Pass
		6	0	19.50	2.46	21.96	<=30	Pass
	1754.3	1	0	19.98	2.46	22.44	<=30	Pass
			2	20.10	2.46	22.56	<=30	Pass
			5	19.99	2.46	22.45	<=30	Pass
		3	0	20.26	2.46	22.72	<=30	Pass
			2	20.30	2.46	22.76	<=30	Pass
			3	20.26	2.46	22.72	<=30	Pass
		6	0	19.12	2.46	21.58	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B4_3MHz_EIRP

1.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.11	2.46	24.57	<=30	Pass
			7	22.25	2.46	24.71	<=30	Pass
			14	21.59	2.46	24.05	<=30	Pass
		8	0	20.55	2.46	23.01	<=30	Pass
			4	20.55	2.46	23.01	<=30	Pass
			7	20.55	2.46	23.01	<=30	Pass
		15	0	20.55	2.46	23.01	<=30	Pass
	1732.5	1	0	21.49	2.46	23.95	<=30	Pass
			7	21.59	2.46	24.05	<=30	Pass
			14	21.41	2.46	23.87	<=30	Pass
		8	0	20.46	2.46	22.92	<=30	Pass
			4	20.49	2.46	22.95	<=30	Pass
			7	20.43	2.46	22.89	<=30	Pass
		15	0	20.44	2.46	22.90	<=30	Pass
	1753.5	1	0	21.12	2.46	23.58	<=30	Pass
			7	21.27	2.46	23.73	<=30	Pass
			14	21.12	2.46	23.58	<=30	Pass
		8	0	20.10	2.46	22.56	<=30	Pass
			4	20.13	2.46	22.59	<=30	Pass
			7	20.14	2.46	22.60	<=30	Pass
		15	0	20.11	2.46	22.57	<=30	Pass
16QAM	1711.5	1	0	20.52	2.46	22.98	<=30	Pass
			7	20.66	2.46	23.12	<=30	Pass
			14	20.51	2.46	22.97	<=30	Pass
		8	0	19.54	2.46	22.00	<=30	Pass
			4	19.56	2.46	22.02	<=30	Pass
			7	19.54	2.46	22.00	<=30	Pass
		15	0	19.53	2.46	21.99	<=30	Pass
	1732.5	1	0	20.60	2.46	23.06	<=30	Pass
			7	20.74	2.46	23.20	<=30	Pass
			14	20.58	2.46	23.04	<=30	Pass
		8	0	19.40	2.46	21.86	<=30	Pass
			4	19.44	2.46	21.90	<=30	Pass
			7	19.38	2.46	21.84	<=30	Pass
		15	0	19.36	2.46	21.82	<=30	Pass
	1753.5	1	0	20.60	2.46	23.06	<=30	Pass
			7	20.74	2.46	23.20	<=30	Pass
			14	20.59	2.46	23.05	<=30	Pass
		8	0	19.24	2.46	21.70	<=30	Pass
			4	19.28	2.46	21.74	<=30	Pass
			7	19.28	2.46	21.74	<=30	Pass
		15	0	19.17	2.46	21.63	<=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	21.88	2.46	24.34	<=30	Pass
			13	21.64	2.46	24.10	<=30	Pass
			24	21.38	2.46	23.84	<=30	Pass
		12	0	20.38	2.46	22.84	<=30	Pass
			6	20.47	2.46	22.93	<=30	Pass
			13	20.41	2.46	22.87	<=30	Pass
		25	0	20.40	2.46	22.86	<=30	Pass
	1732.5	1	0	21.29	2.46	23.75	<=30	Pass
			13	21.43	2.46	23.89	<=30	Pass
			24	21.26	2.46	23.72	<=30	Pass
		12	0	20.39	2.46	22.85	<=30	Pass
			6	20.40	2.46	22.86	<=30	Pass
			13	20.30	2.46	22.76	<=30	Pass
		25	0	20.37	2.46	22.83	<=30	Pass
	1752.5	1	0	20.95	2.46	23.41	<=30	Pass
			13	21.11	2.46	23.57	<=30	Pass
			24	20.99	2.46	23.45	<=30	Pass
		12	0	19.96	2.46	22.42	<=30	Pass
			6	20.03	2.46	22.49	<=30	Pass
			13	20.03	2.46	22.49	<=30	Pass
		25	0	20.02	2.46	22.48	<=30	Pass
16QAM	1712.5	1	0	20.41	2.46	22.87	<=30	Pass
			13	20.54	2.46	23.00	<=30	Pass
			24	20.41	2.46	22.87	<=30	Pass
		12	0	19.32	2.46	21.78	<=30	Pass
			6	19.41	2.46	21.87	<=30	Pass
			13	19.41	2.46	21.87	<=30	Pass
		25	0	19.40	2.46	21.86	<=30	Pass
	1732.5	1	0	20.52	2.46	22.98	<=30	Pass
			13	20.63	2.46	23.09	<=30	Pass
			24	20.50	2.46	22.96	<=30	Pass
		12	0	19.41	2.46	21.87	<=30	Pass
			6	19.42	2.46	21.88	<=30	Pass
			13	19.35	2.46	21.81	<=30	Pass
		25	0	19.34	2.46	21.80	<=30	Pass
	1752.5	1	0	19.77	2.46	22.23	<=30	Pass
			13	19.89	2.46	22.35	<=30	Pass
			24	19.83	2.46	22.29	<=30	Pass
		12	0	19.01	2.46	21.47	<=30	Pass
			6	19.07	2.46	21.53	<=30	Pass
			13	19.05	2.46	21.51	<=30	Pass
		25	0	19.08	2.46	21.54	<=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	21.97	2.46	24.43	<=30	Pass
			25	21.66	2.46	24.12	<=30	Pass
			49	21.46	2.46	23.92	<=30	Pass
		25	0	20.48	2.46	22.94	<=30	Pass
			13	20.51	2.46	22.97	<=30	Pass
			25	20.58	2.46	23.04	<=30	Pass
		50	0	20.55	2.46	23.01	<=30	Pass
	1732.5	1	0	21.40	2.46	23.86	<=30	Pass
			25	21.58	2.46	24.04	<=30	Pass
			49	21.22	2.46	23.68	<=30	Pass
		25	0	20.51	2.46	22.97	<=30	Pass
			13	20.44	2.46	22.90	<=30	Pass
			25	20.39	2.46	22.85	<=30	Pass
		50	0	20.47	2.46	22.93	<=30	Pass
	1750	1	0	21.01	2.46	23.47	<=30	Pass
			25	21.19	2.46	23.65	<=30	Pass
			49	21.01	2.46	23.47	<=30	Pass
		25	0	20.12	2.46	22.58	<=30	Pass
			13	20.08	2.46	22.54	<=30	Pass
			25	20.12	2.46	22.58	<=30	Pass
		50	0	20.11	2.46	22.57	<=30	Pass
16QAM	1715	1	0	20.35	2.46	22.81	<=30	Pass
			25	20.57	2.46	23.03	<=30	Pass
			49	20.36	2.46	22.82	<=30	Pass
		25	0	19.50	2.46	21.96	<=30	Pass
			13	19.53	2.46	21.99	<=30	Pass
			25	19.61	2.46	22.07	<=30	Pass
		50	0	19.50	2.46	21.96	<=30	Pass
	1732.5	1	0	20.50	2.46	22.96	<=30	Pass
			25	20.67	2.46	23.13	<=30	Pass
			49	20.38	2.46	22.84	<=30	Pass
		25	0	19.49	2.46	21.95	<=30	Pass
			13	19.44	2.46	21.90	<=30	Pass
			25	19.41	2.46	21.87	<=30	Pass
		50	0	19.38	2.46	21.84	<=30	Pass
	1750	1	0	20.50	2.46	22.96	<=30	Pass
			25	20.69	2.46	23.15	<=30	Pass
			49	20.49	2.46	22.95	<=30	Pass
		25	0	19.14	2.46	21.60	<=30	Pass
			13	19.13	2.46	21.59	<=30	Pass
			25	19.15	2.46	21.61	<=30	Pass
		50	0	19.14	2.46	21.60	<=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	21.25	2.46	23.71	<=30	Pass
			38	21.46	2.46	23.92	<=30	Pass
			74	21.29	2.46	23.75	<=30	Pass
		36	0	20.44	2.46	22.90	<=30	Pass
			18	20.49	2.46	22.95	<=30	Pass
			39	20.57	2.46	23.03	<=30	Pass
		75	0	20.51	2.46	22.97	<=30	Pass
	1732.5	1	0	21.30	2.46	23.76	<=30	Pass
			38	21.40	2.46	23.86	<=30	Pass
			74	21.01	2.46	23.47	<=30	Pass
		36	0	20.51	2.46	22.97	<=30	Pass
			18	20.41	2.46	22.87	<=30	Pass
			39	20.22	2.46	22.68	<=30	Pass
		75	0	20.37	2.46	22.83	<=30	Pass
	1747.5	1	0	20.97	2.46	23.43	<=30	Pass
			38	21.08	2.46	23.54	<=30	Pass
			74	20.83	2.46	23.29	<=30	Pass
		36	0	20.14	2.46	22.60	<=30	Pass
			18	20.08	2.46	22.54	<=30	Pass
			39	20.05	2.46	22.51	<=30	Pass
		75	0	20.13	2.46	22.59	<=30	Pass
16QAM	1717.5	1	0	20.50	2.46	22.96	<=30	Pass
			38	20.71	2.46	23.17	<=30	Pass
			74	20.54	2.46	23.00	<=30	Pass
		36	0	19.39	2.46	21.85	<=30	Pass
			18	19.43	2.46	21.89	<=30	Pass
			39	19.48	2.46	21.94	<=30	Pass
		75	0	19.44	2.46	21.90	<=30	Pass
	1732.5	1	0	20.40	2.46	22.86	<=30	Pass
			38	20.53	2.46	22.99	<=30	Pass
			74	20.12	2.46	22.58	<=30	Pass
		36	0	19.45	2.46	21.91	<=30	Pass
			18	19.42	2.46	21.88	<=30	Pass
			39	19.27	2.46	21.73	<=30	Pass
		75	0	19.37	2.46	21.83	<=30	Pass
	1747.5	1	0	20.46	2.46	22.92	<=30	Pass
			38	20.58	2.46	23.04	<=30	Pass
			74	20.33	2.46	22.79	<=30	Pass
		36	0	19.19	2.46	21.65	<=30	Pass
			18	19.07	2.46	21.53	<=30	Pass
			39	19.05	2.46	21.51	<=30	Pass
		75	0	19.08	2.46	21.54	<=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	21.07	2.46	23.53	<=30	Pass
			50	21.54	2.46	24.00	<=30	Pass
			99	21.06	2.46	23.52	<=30	Pass
		50	0	20.41	2.46	22.87	<=30	Pass
			25	20.44	2.46	22.90	<=30	Pass
			50	20.56	2.46	23.02	<=30	Pass
		100	0	20.49	2.46	22.95	<=30	Pass
	1732.5	1	0	21.15	2.46	23.61	<=30	Pass
			50	21.55	2.46	24.01	<=30	Pass
			99	20.82	2.46	23.28	<=30	Pass
		50	0	20.50	2.46	22.96	<=30	Pass
			25	20.38	2.46	22.84	<=30	Pass
			50	20.21	2.46	22.67	<=30	Pass
		100	0	20.39	2.46	22.85	<=30	Pass
	1745	1	0	20.95	2.46	23.41	<=30	Pass
			50	21.23	2.46	23.69	<=30	Pass
			99	20.70	2.46	23.16	<=30	Pass
		50	0	20.40	2.46	22.86	<=30	Pass
			25	20.08	2.46	22.54	<=30	Pass
			50	20.09	2.46	22.55	<=30	Pass
		100	0	20.18	2.46	22.64	<=30	Pass
16QAM	1720	1	0	20.53	2.46	22.99	<=30	Pass
			50	21.05	2.46	23.51	<=30	Pass
			99	20.58	2.46	23.04	<=30	Pass
		50	0	19.31	2.46	21.77	<=30	Pass
			25	19.42	2.46	21.88	<=30	Pass
			50	19.51	2.46	21.97	<=30	Pass
		100	0	19.43	2.46	21.89	<=30	Pass
	1732.5	1	0	20.27	2.46	22.73	<=30	Pass
			50	20.67	2.46	23.13	<=30	Pass
			99	19.99	2.46	22.45	<=30	Pass
		50	0	19.49	2.46	21.95	<=30	Pass
			25	19.34	2.46	21.80	<=30	Pass
			50	19.19	2.46	21.65	<=30	Pass
		100	0	19.34	2.46	21.80	<=30	Pass
	1745	1	0	20.21	2.46	22.67	<=30	Pass
			50	20.45	2.46	22.91	<=30	Pass
			99	19.91	2.46	22.37	<=30	Pass
		50	0	19.36	2.46	21.82	<=30	Pass
			25	19.06	2.46	21.52	<=30	Pass
			50	19.09	2.46	21.55	<=30	Pass
		100	0	19.19	2.46	21.65	<=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	-11.973	-0.0070	-2.5 to 2.5	Pass
					3.85	-15.163	-0.0089	-2.5 to 2.5	Pass
					4.43	-14.205	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-7.768	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-9.398	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-22.073	-0.0127	-2.5 to 2.5	Pass
					3.85	-15.607	-0.0090	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				50	3.85	3.848	0.0022	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-13.433	-0.0077	-2.5 to 2.5	Pass
					3.85	-12.531	-0.0071	-2.5 to 2.5	Pass
					4.43	-7.982	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	7.095	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-13.690	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-6.037	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.552	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-10.457	-0.0060	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-2.303	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0036	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-9.298	-0.0054	-2.5 to 2.5	Pass
				40	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass

	1732.5	6	0	20	3.27	-2.789	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	0.715	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-10.085	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-9.785	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-10.057	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-13.461	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-9.613	-0.0055	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-1.173	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-9.913	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-14.348	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-12.417	-0.0071	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0037	-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	-18.425	-0.0108	-2.5 to 2.5	Pass
					3.85	-13.776	-0.0080	-2.5 to 2.5	Pass
					4.43	-8.812	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-29.469	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-10.085	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-7.195	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0043	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-5.808	-0.0034	-2.5 to 2.5	Pass
					3.85	4.106	0.0024	-2.5 to 2.5	Pass
					4.43	-6.452	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-10.958	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-10.271	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-12.031	-0.0069	-2.5 to 2.5	Pass
				10	3.85	2.189	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	8.011	0.0046	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-17.338	-0.0099	-2.5 to 2.5	Pass
					3.85	0.973	0.0006	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-9.184	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-9.456	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-9.327	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-9.370	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-3.433	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-2.847	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-2.861	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
					4.43	-11.015	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				10	3.85	-8.540	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-11.072	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-5.794	-0.0033	-2.5 to 2.5	Pass
					3.85	1.817	0.0010	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-10.214	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-11.415	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-10.357	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-15.092	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0036	-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	-13.061	-0.0076	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-9.613	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass

				0	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-8.640	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-11.387	-0.0066	-2.5 to 2.5	Pass
					3.85	-10.085	-0.0058	-2.5 to 2.5	Pass
					4.43	0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-13.447	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				40	3.85	-10.772	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-9.341	-0.0053	-2.5 to 2.5	Pass
					3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
					4.43	-7.939	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-6.638	-0.0039	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-8.512	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-10.257	-0.0060	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-4.535	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
					4.43	3.262	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-10.400	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-12.574	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.459	-0.0008	-2.5 to 2.5	Pass
					3.85	-12.574	-0.0072	-2.5 to 2.5	Pass
					4.43	-11.086	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass

				30	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				40	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.091	-0.0023	-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	-8.955	-0.0052	-2.5 to 2.5	Pass
					3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-10.057	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-7.210	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-6.294	-0.0037	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-6.108	-0.0035	-2.5 to 2.5	Pass
					3.85	0.529	0.0003	-2.5 to 2.5	Pass
					4.43	-7.253	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				10	3.85	4.377	0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				40	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-11.301	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
					4.43	-10.686	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-8.068	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-9.727	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-4.063	-0.0024	-2.5 to 2.5	Pass
					3.85	-11.144	-0.0065	-2.5 to 2.5	Pass
					4.43	-7.668	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-8.569	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-8.926	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-6.781	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.907	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass

	1732.5	50	0	20	3.27	-4.106	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
					4.43	1.845	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-10.357	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-10.986	-0.0063	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-15.192	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-9.627	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-10.014	-0.0057	-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	-9.027	-0.0053	-2.5 to 2.5	Pass
					3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-9.942	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-11.086	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-9.241	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-8.812	-0.0051	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-8.025	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.458	0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-3.262	-0.0019	-2.5 to 2.5	Pass
					3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0026	-2.5 to 2.5	Pass

				-30	3.85	-9.885	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-6.938	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-8.569	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-7.396	-0.0042	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-7.482	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
					4.43	-10.242	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-8.726	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-10.815	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-4.263	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0037	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-5.779	-0.0033	-2.5 to 2.5	Pass
					3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.576	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-4.148	-0.0024	-2.5 to 2.5	Pass
					3.85	0.629	0.0004	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.761	-0.0016	-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	-3.633	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
					4.43	-9.656	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-8.955	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass

				0	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-8.039	-0.0046	-2.5 to 2.5	Pass
					3.85	0.000	0.0000	-2.5 to 2.5	Pass
					4.43	-8.969	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-8.912	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-10.099	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.860	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
					4.43	-5.608	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.394	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0053	-2.5 to 2.5	Pass

				30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				40	3.85	-9.713	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-7.582	-0.0043	-2.5 to 2.5	Pass

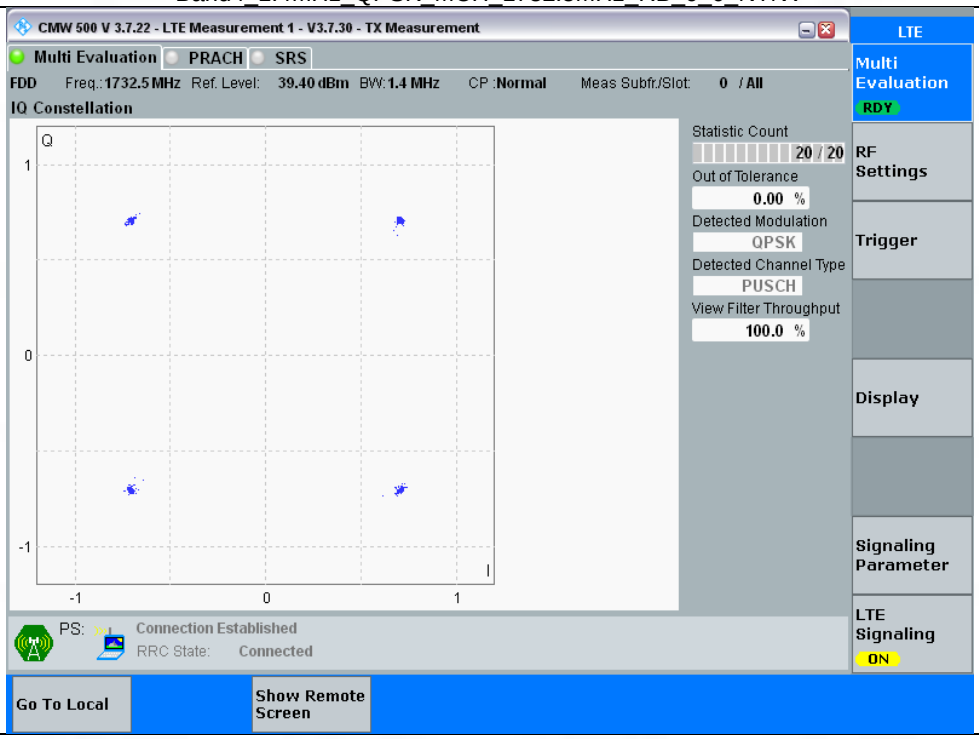
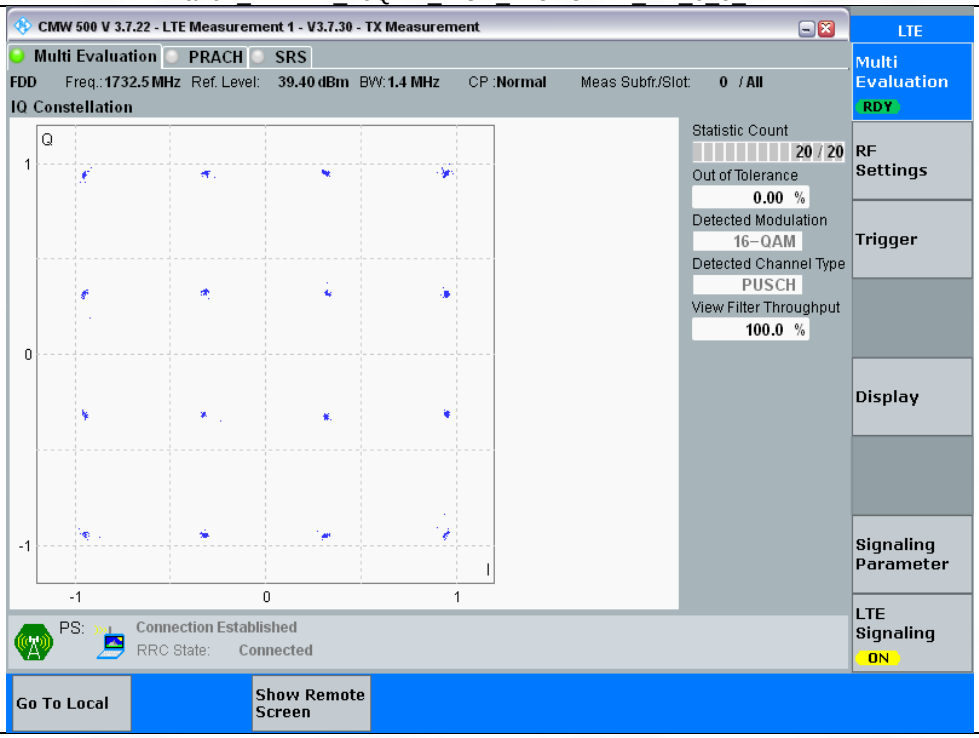
3. Modulation Characteristics

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


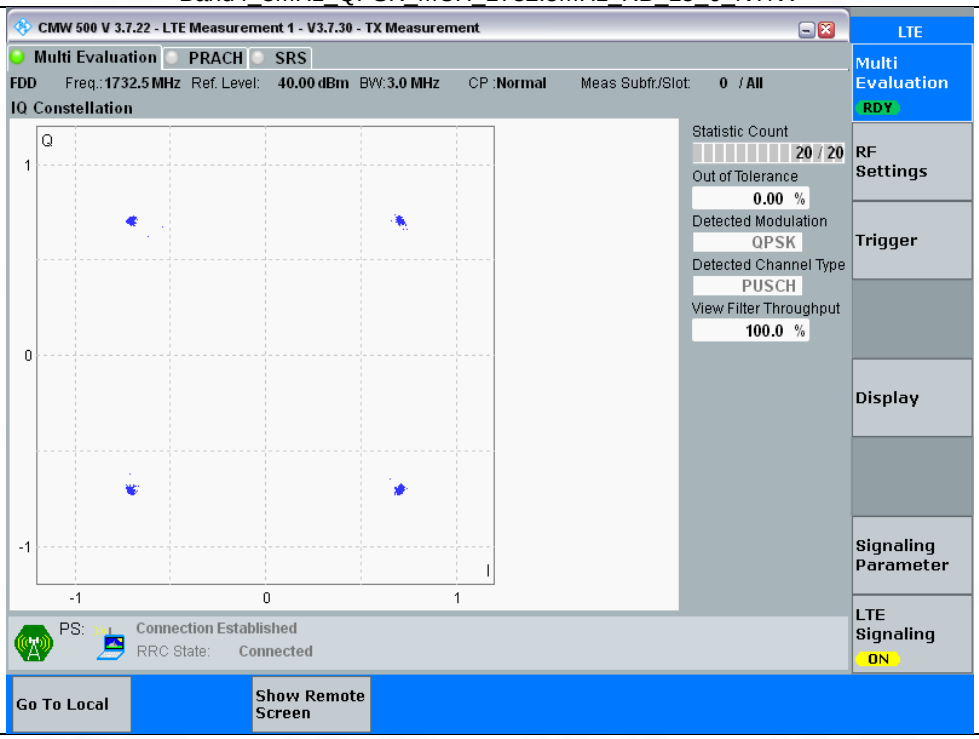
3.2 B4_3MHz

3.2.1 Test Result

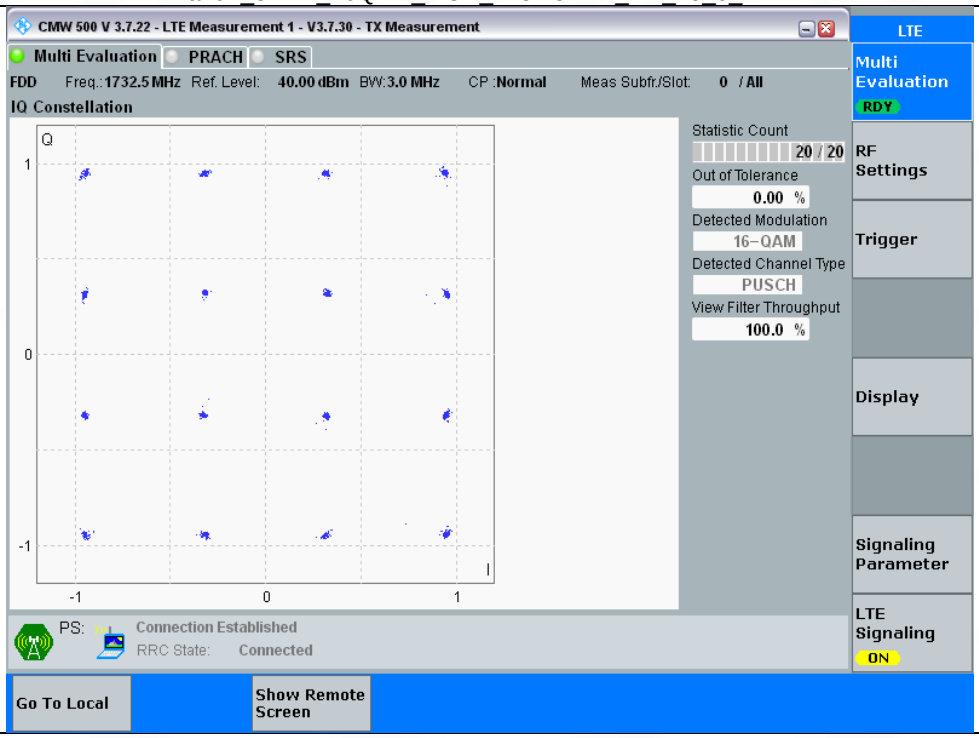
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

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



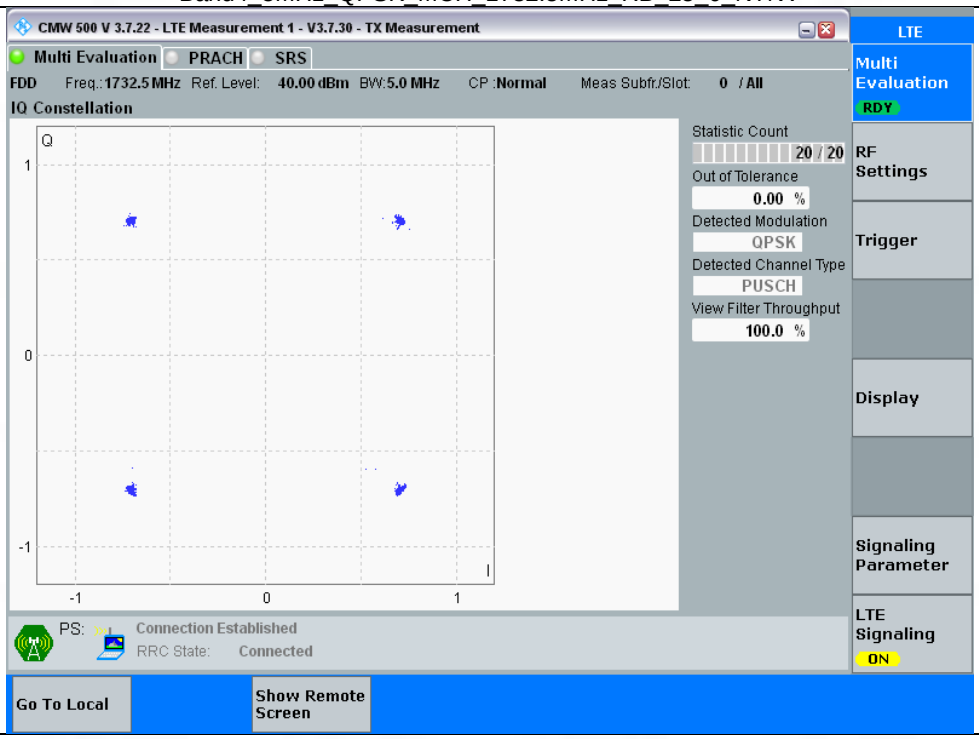
3.3 B4_5MHz

3.3.1 Test Result

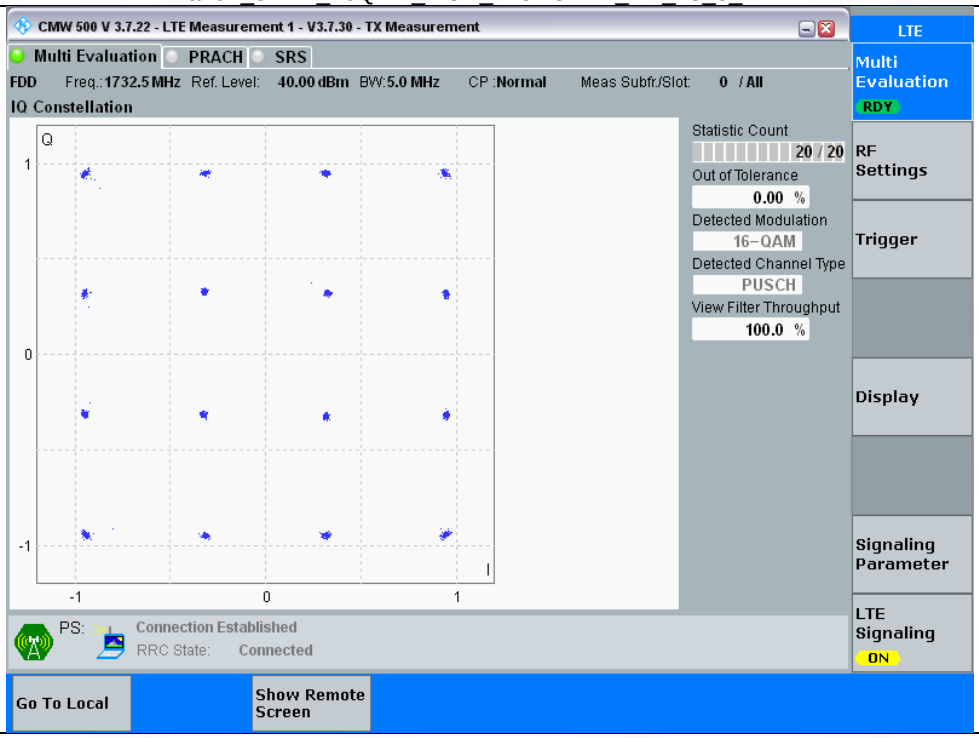
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

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



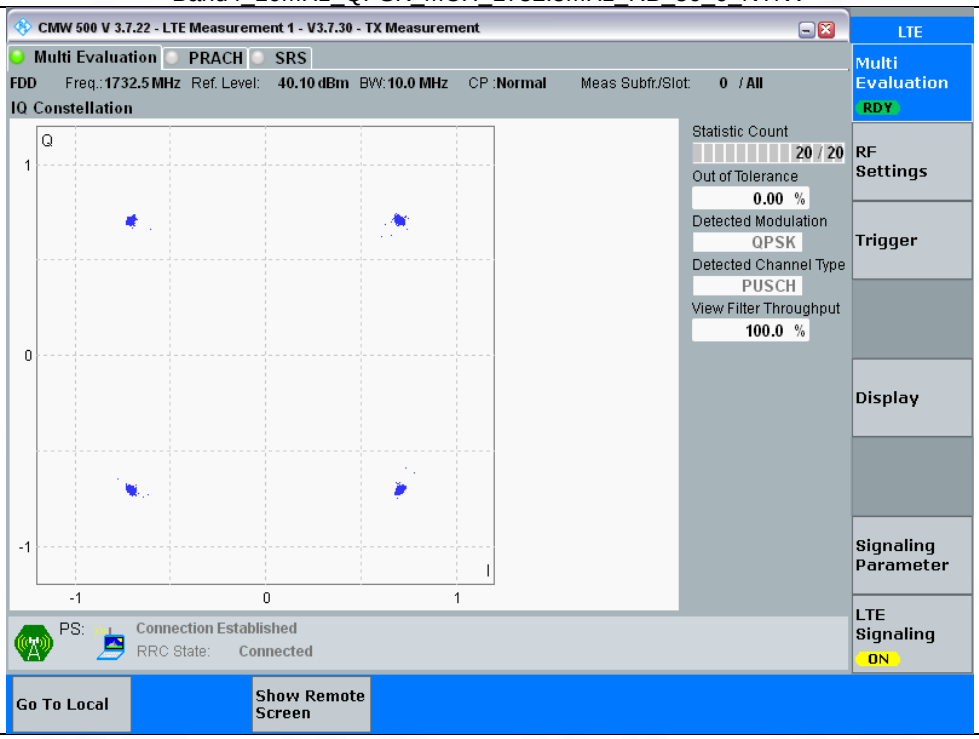
3.4 B4_10MHz

3.4.1 Test Result

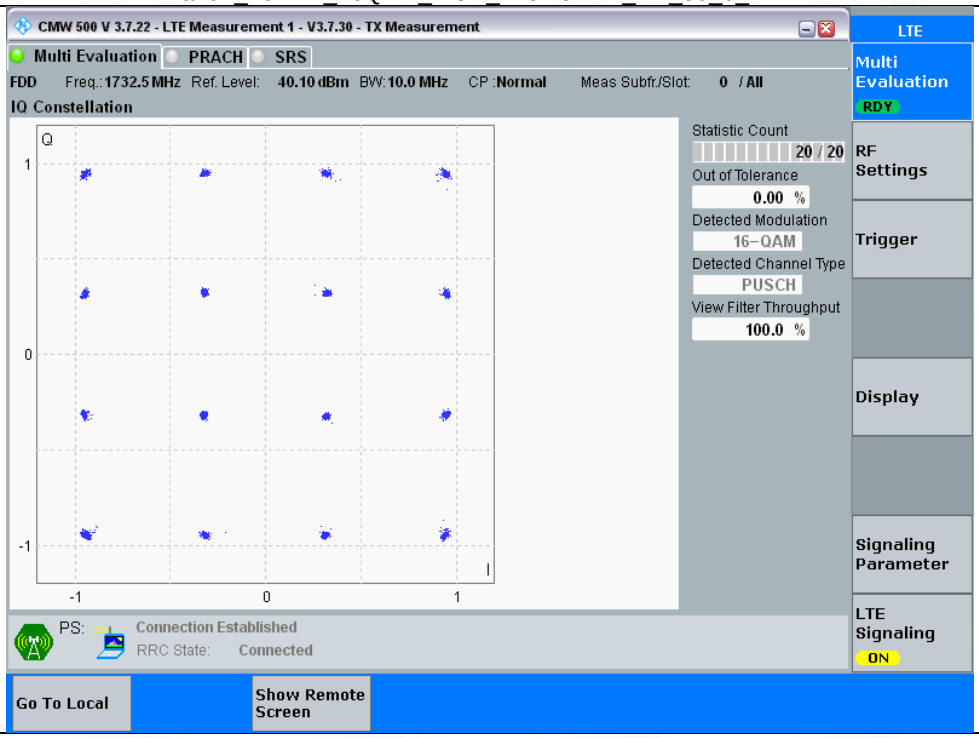
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

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



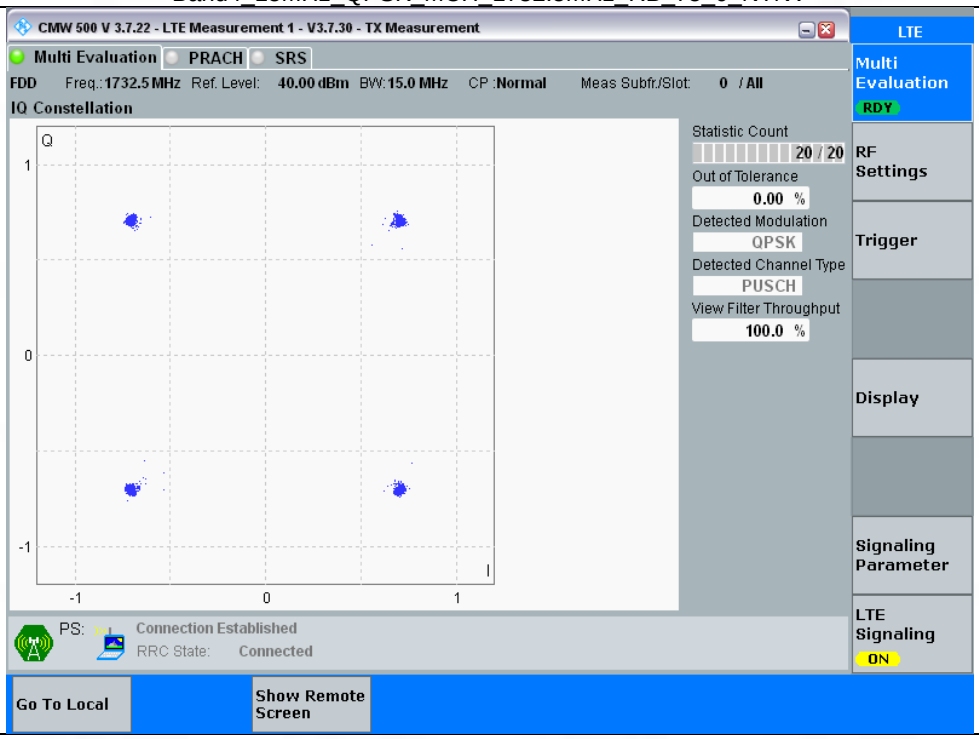
3.5 B4_15MHz

3.5.1 Test Result

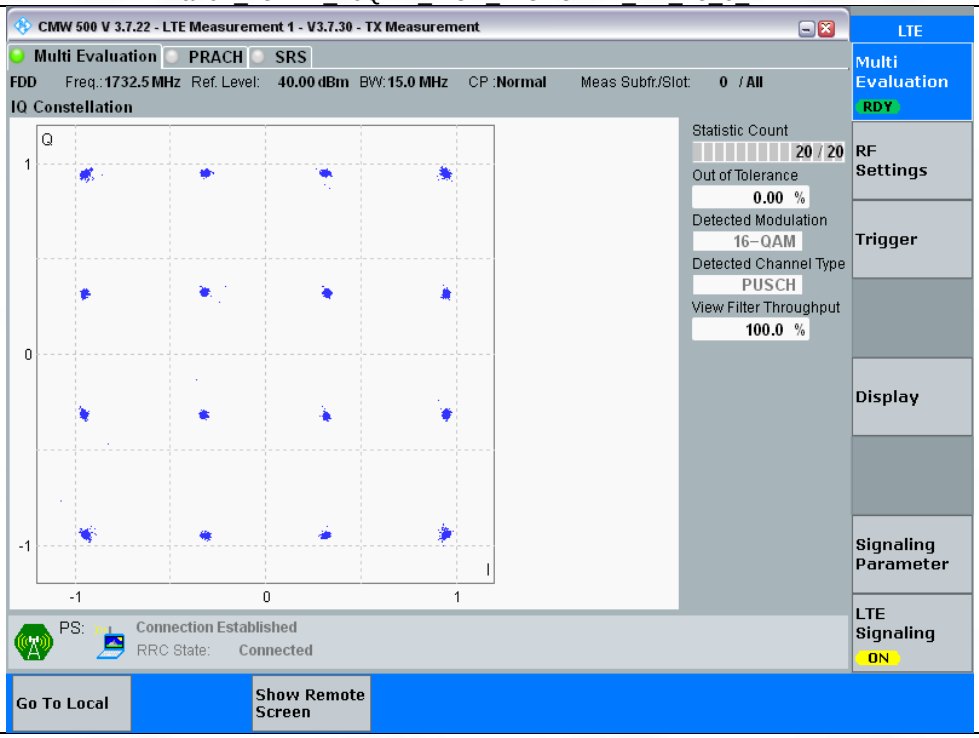
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

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



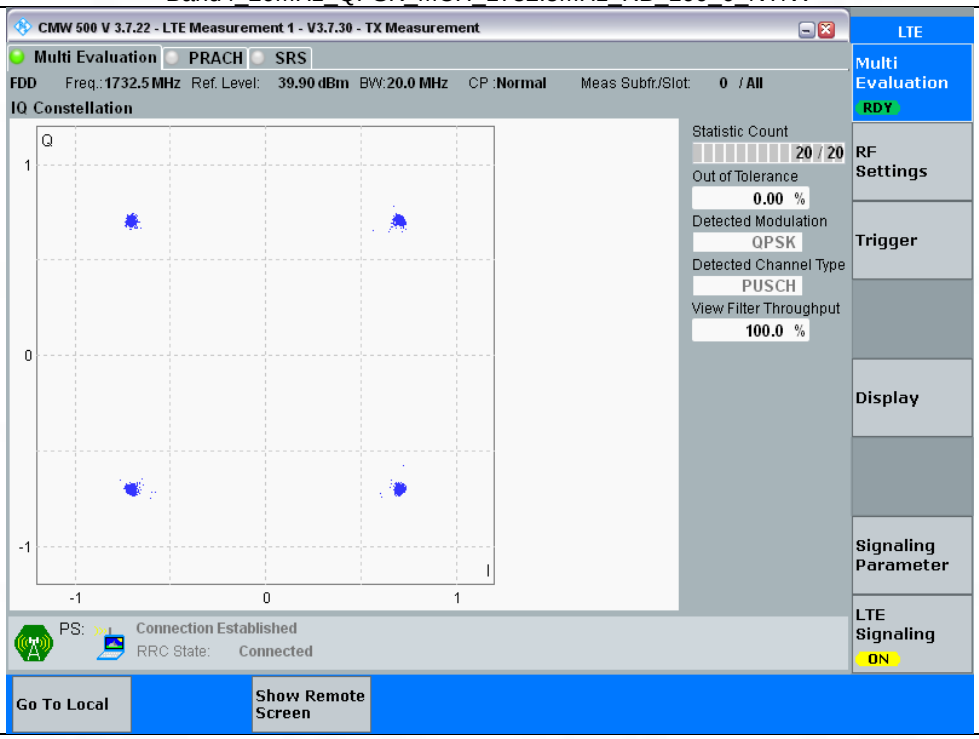
3.6 B4_20MHz

3.6.1 Test Result

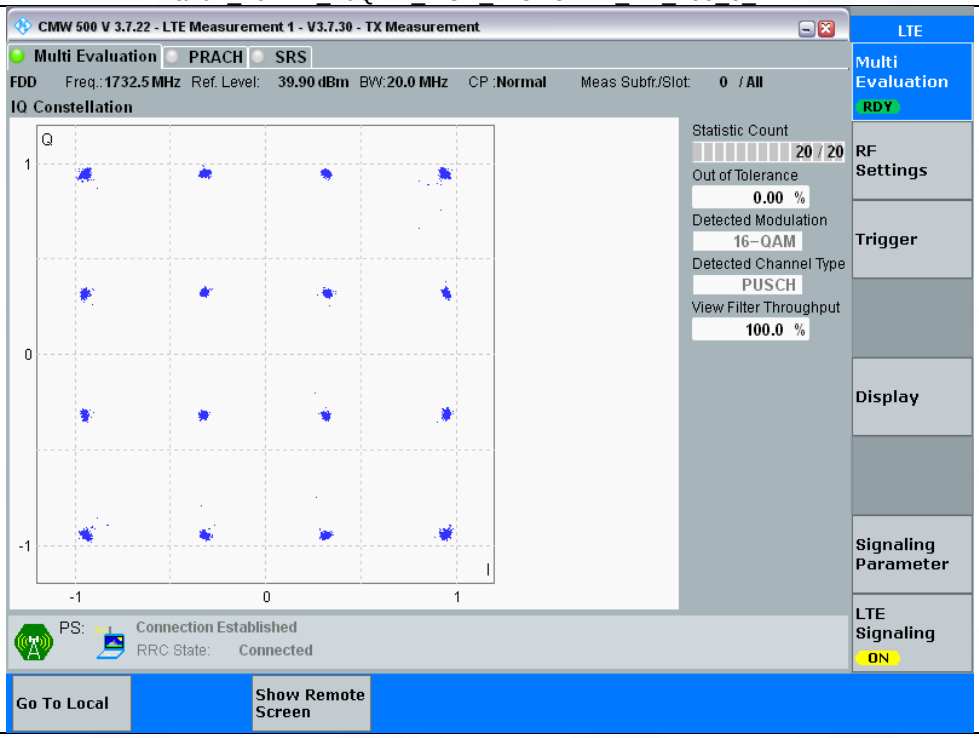
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

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

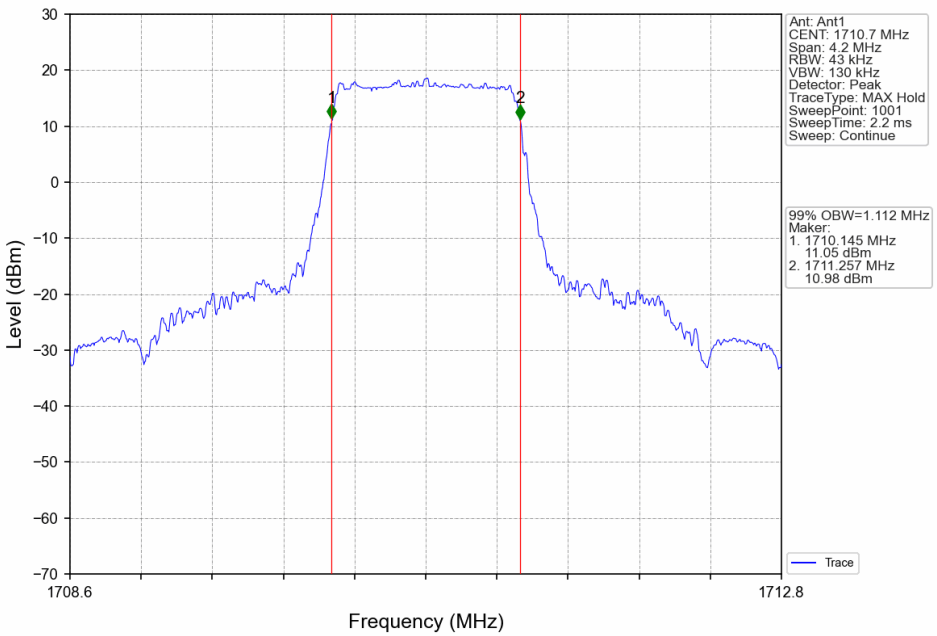
4.1 Band4_OBW

4.1.1 Test Result

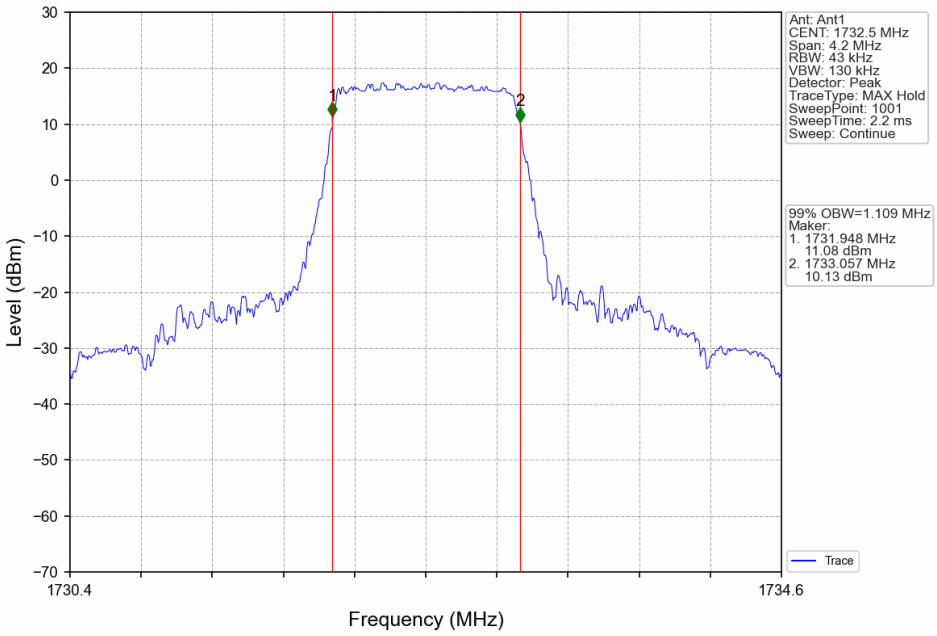
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.112	Pass
		1732.5	6	0	1.109	Pass
		1754.3	6	0	1.111	Pass
	16QAM	1710.7	6	0	1.105	Pass
		1732.5	6	0	1.100	Pass
		1754.3	6	0	1.114	Pass
3	QPSK	1711.5	15	0	2.721	Pass
		1732.5	15	0	2.718	Pass
		1753.5	15	0	2.726	Pass
	16QAM	1711.5	15	0	2.723	Pass
		1732.5	15	0	2.719	Pass
		1753.5	15	0	2.714	Pass
5	QPSK	1712.5	25	0	4.572	Pass
		1732.5	25	0	4.557	Pass
		1752.5	25	0	4.593	Pass
	16QAM	1712.5	25	0	4.601	Pass
		1732.5	25	0	4.556	Pass
		1752.5	25	0	4.575	Pass
10	QPSK	1715	50	0	9.105	Pass
		1732.5	50	0	9.082	Pass
		1750	50	0	9.102	Pass
	16QAM	1715	50	0	9.088	Pass
		1732.5	50	0	9.076	Pass
		1750	50	0	9.107	Pass
15	QPSK	1717.5	75	0	13.651	Pass
		1732.5	75	0	13.607	Pass
		1747.5	75	0	13.669	Pass
	16QAM	1717.5	75	0	13.687	Pass
		1732.5	75	0	13.611	Pass
		1747.5	75	0	13.672	Pass
20	QPSK	1720	100	0	18.229	Pass
		1732.5	100	0	18.130	Pass
		1745	100	0	18.239	Pass
	16QAM	1720	100	0	18.218	Pass
		1732.5	100	0	18.183	Pass
		1745	100	0	18.197	Pass

4.1.2 Test Graph

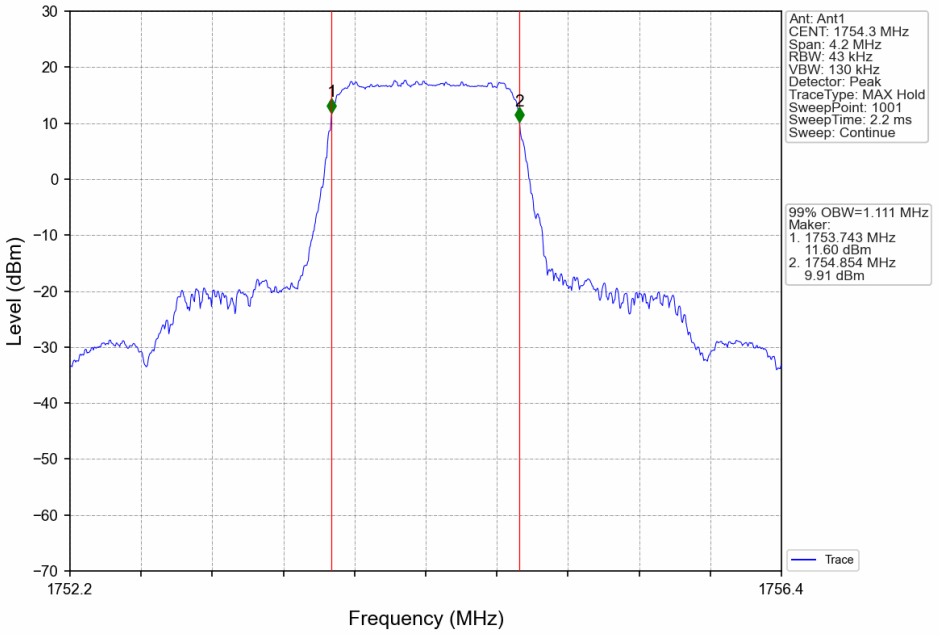
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



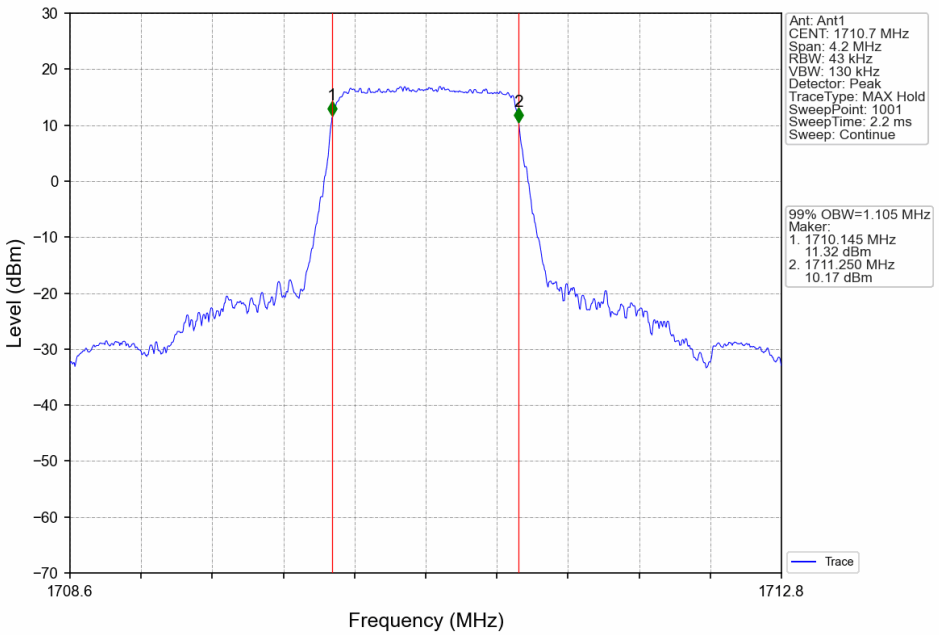
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



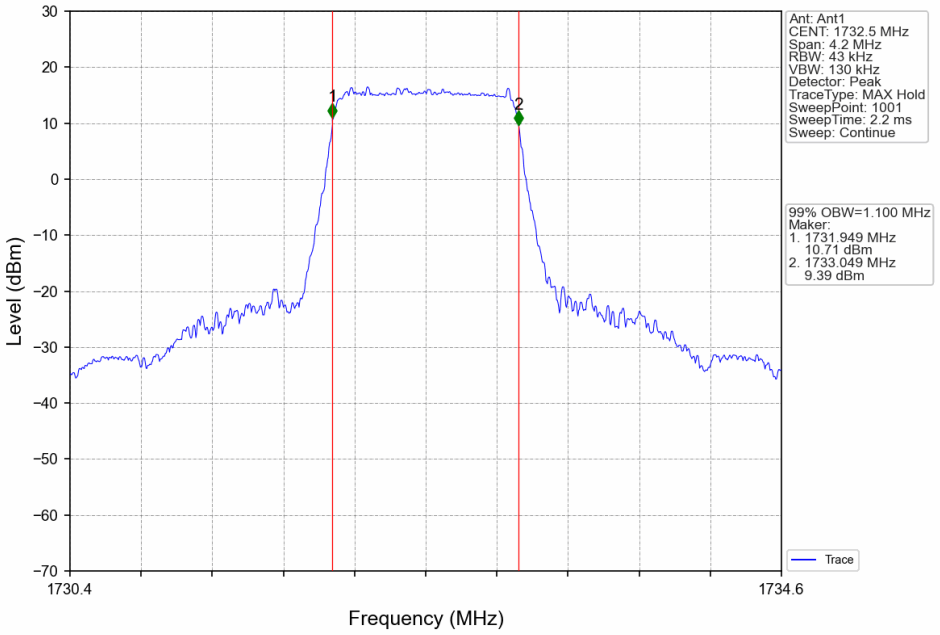
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



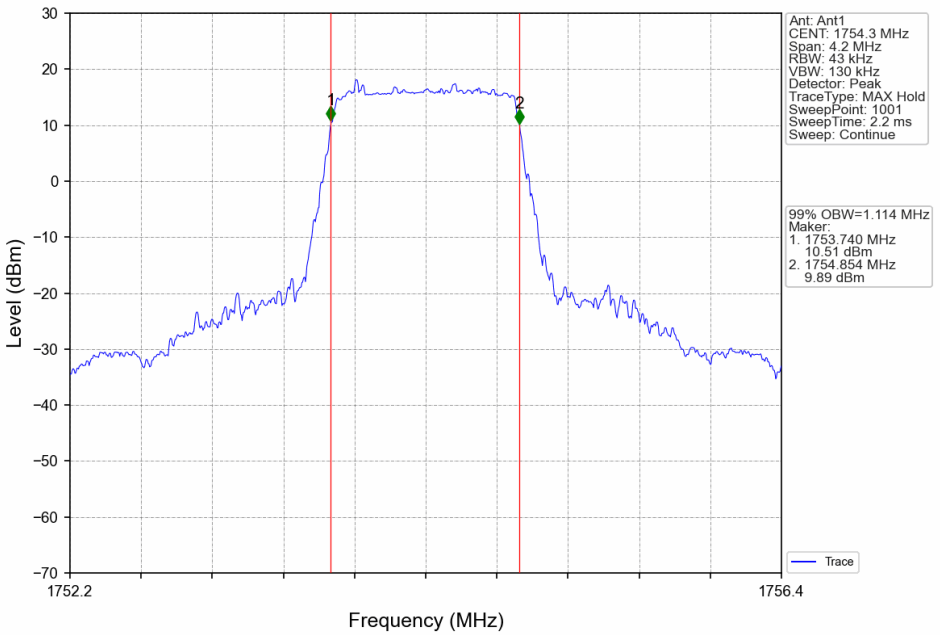
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



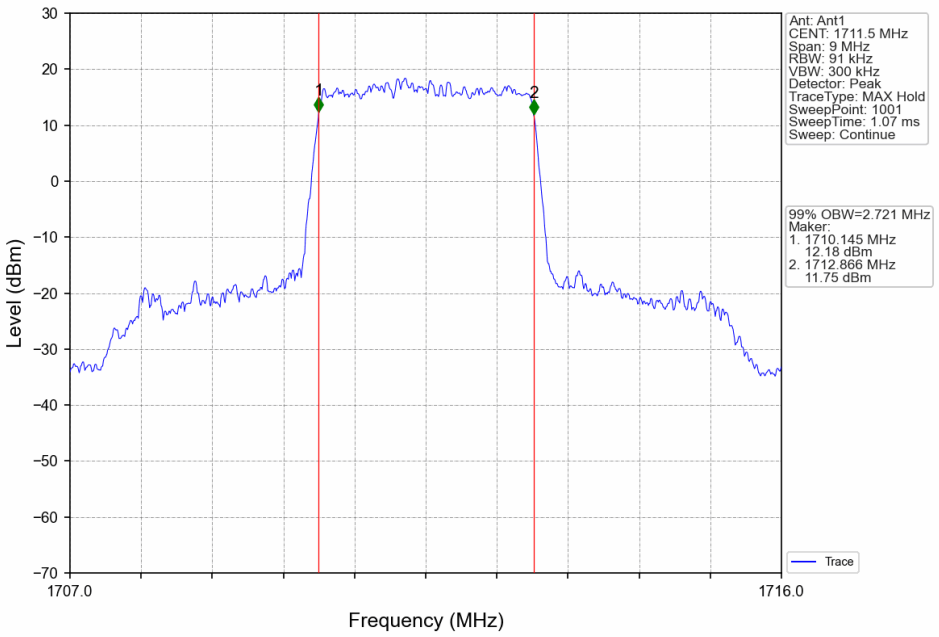
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



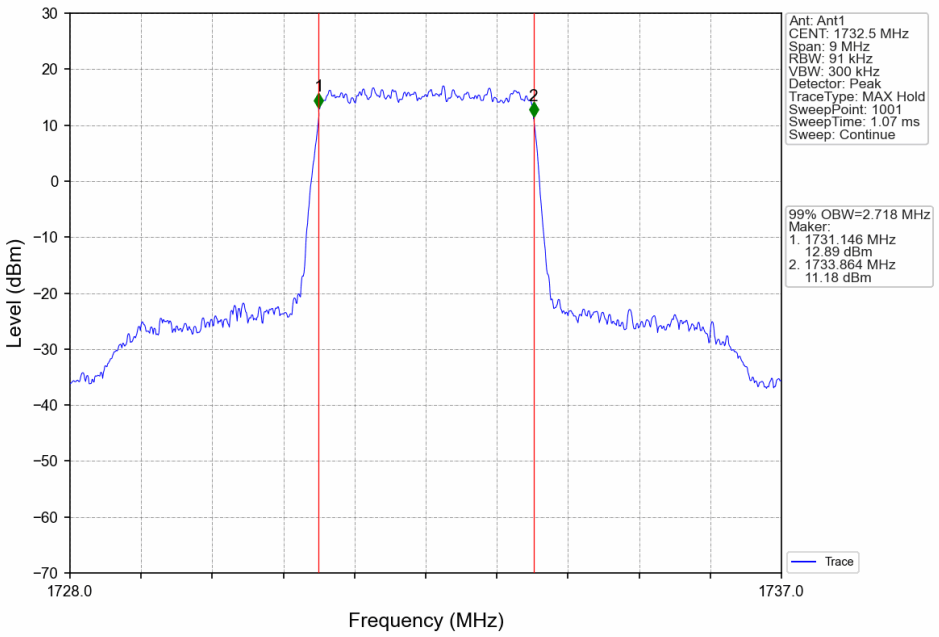
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



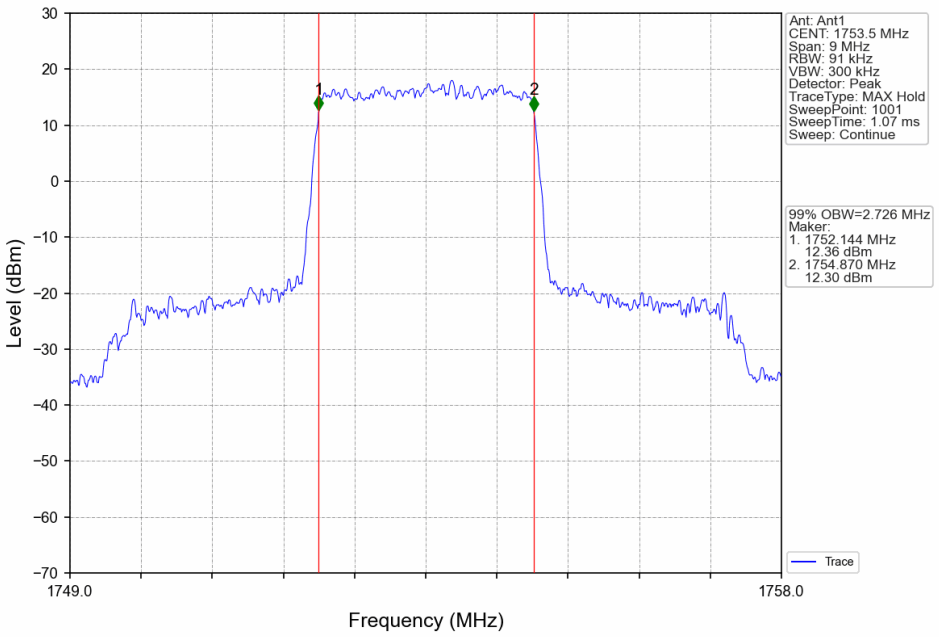
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



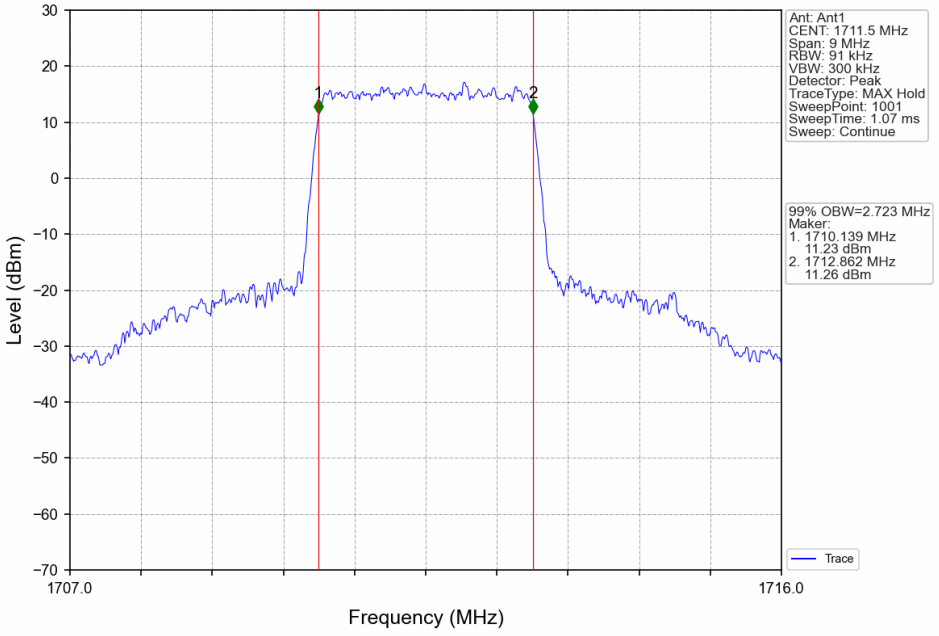
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



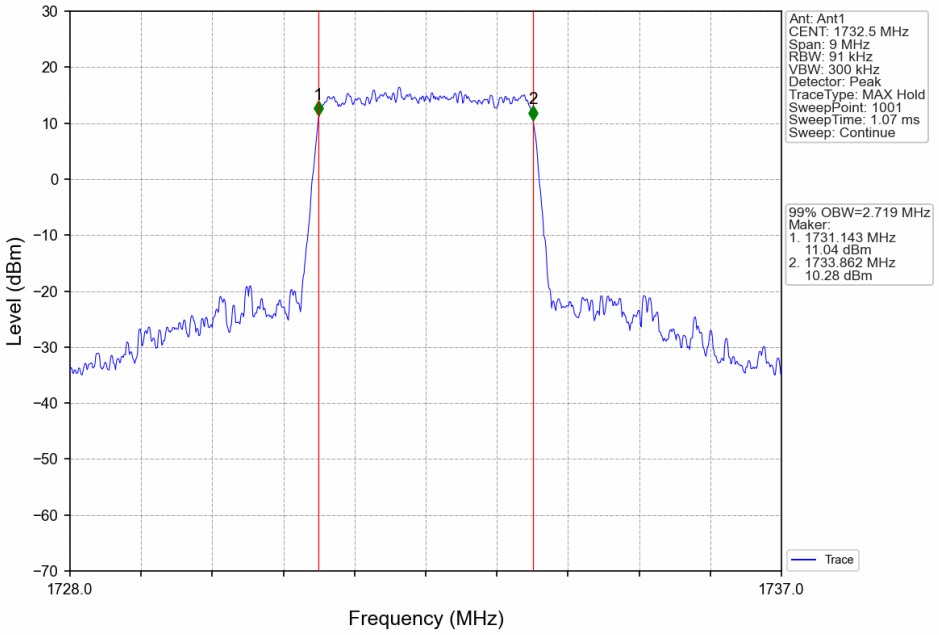
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



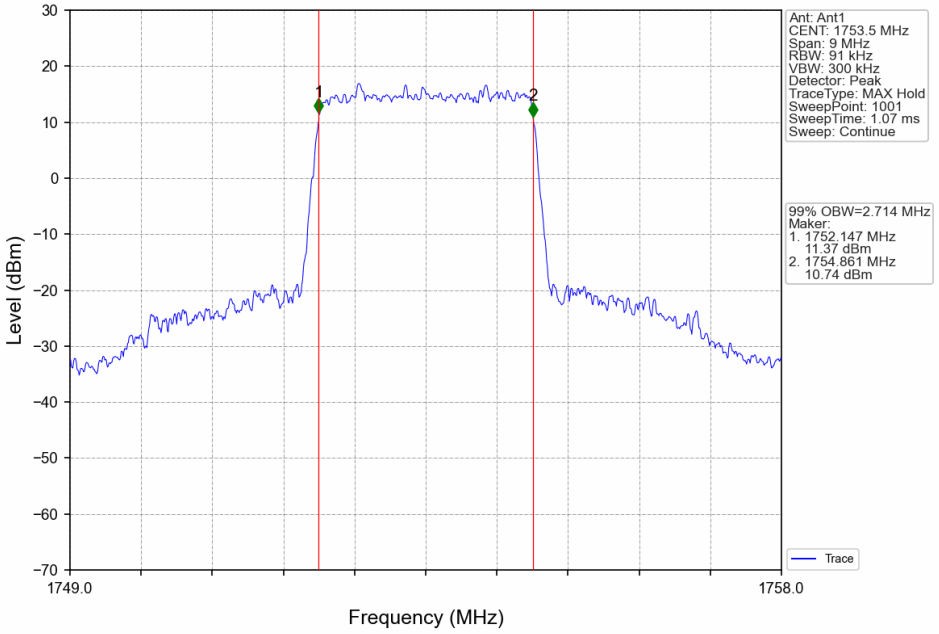
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



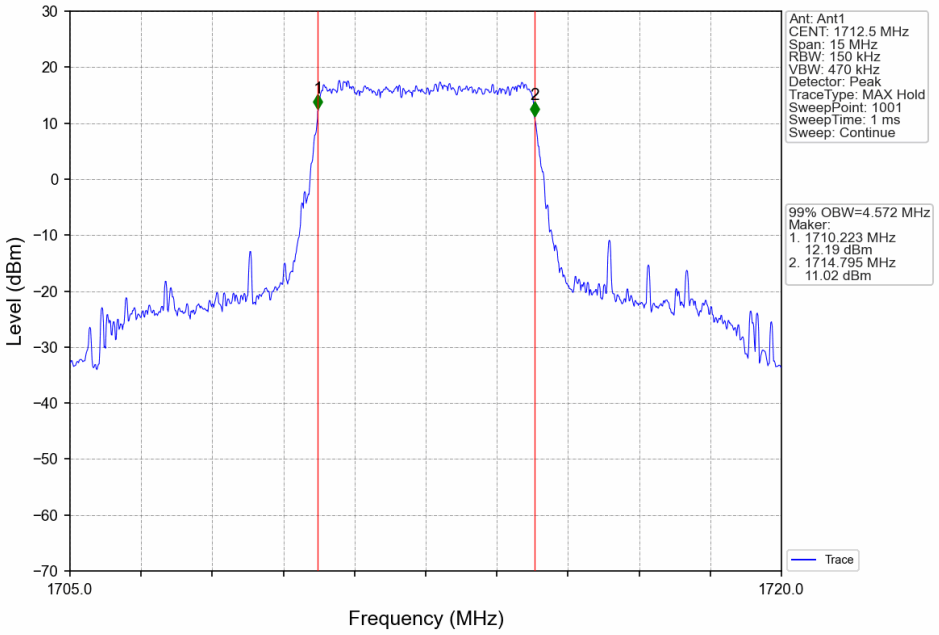
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



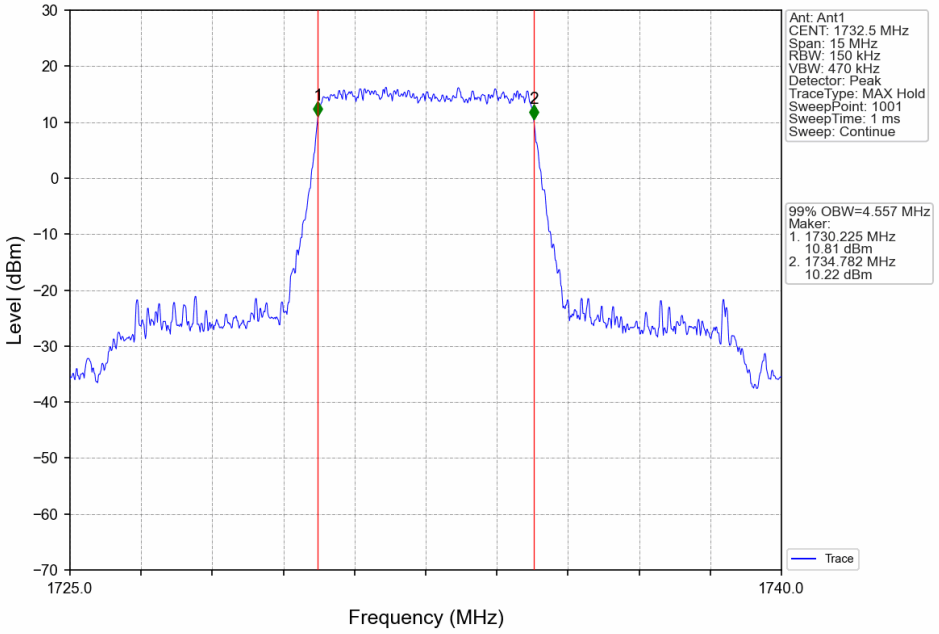
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



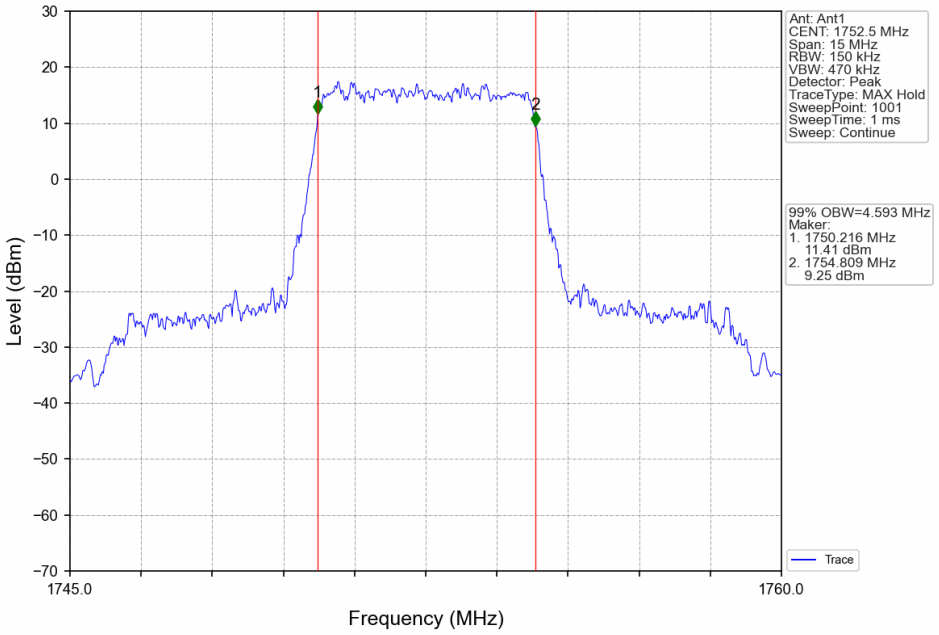
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



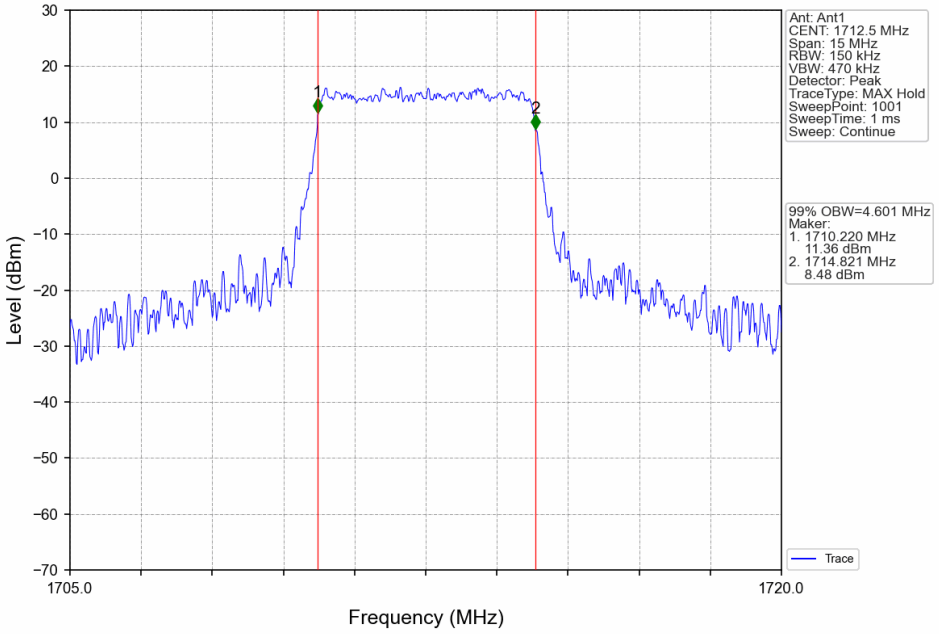
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



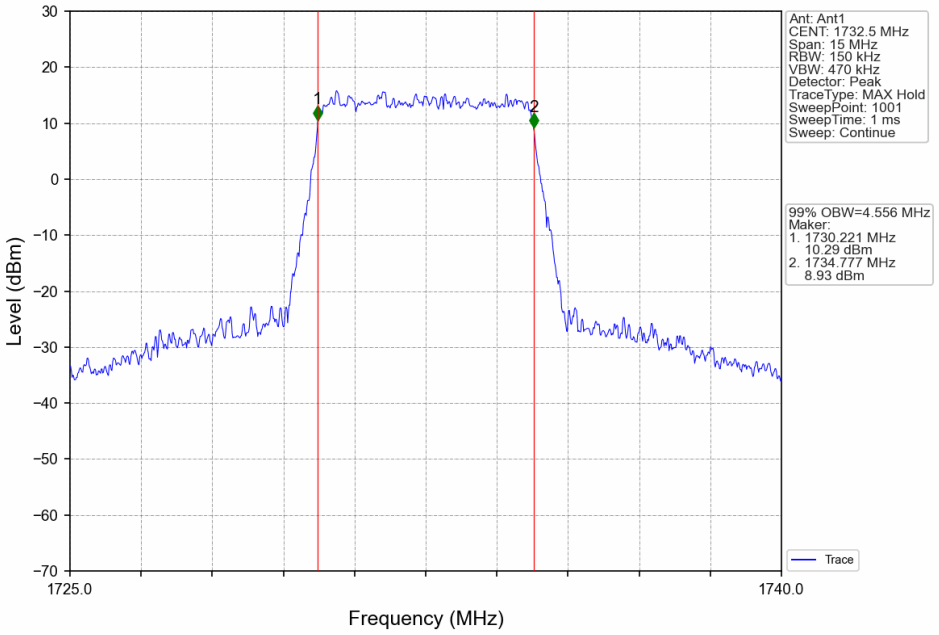
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



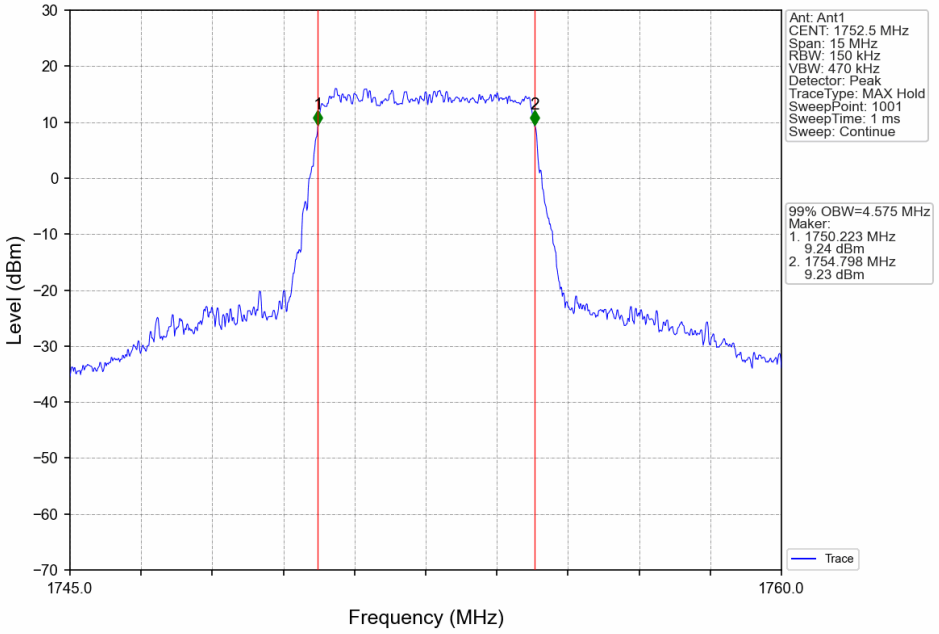
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



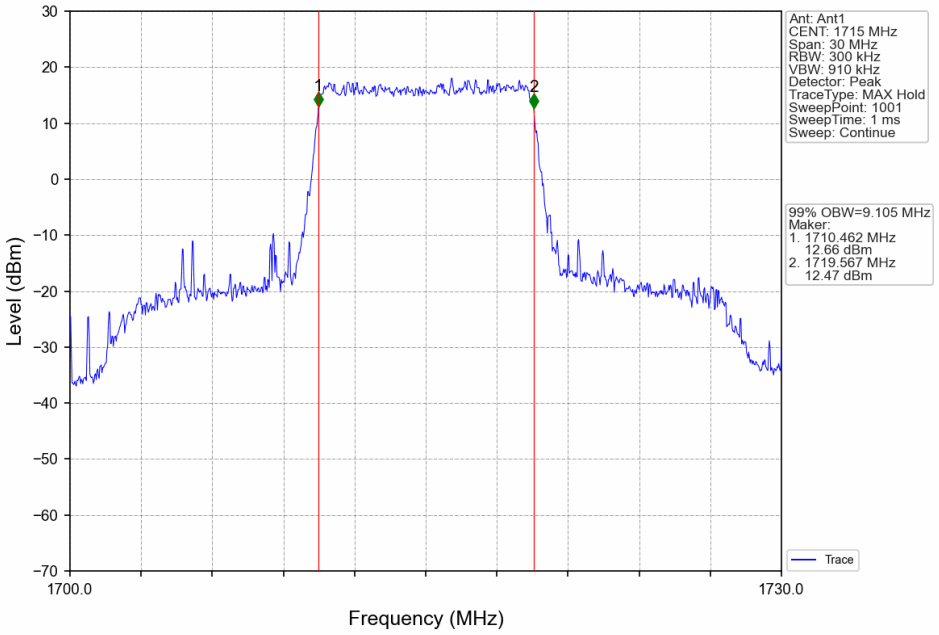
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



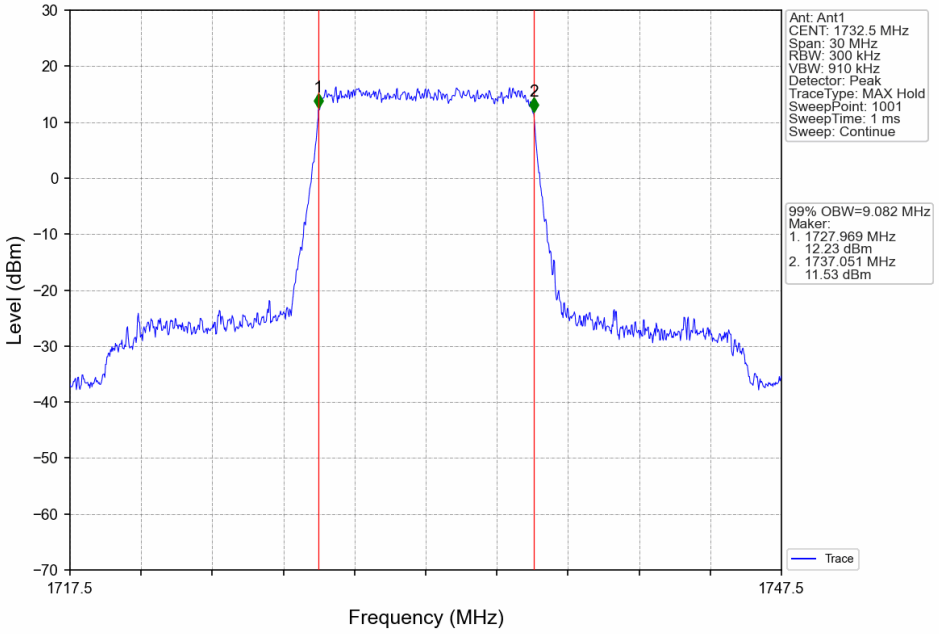
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



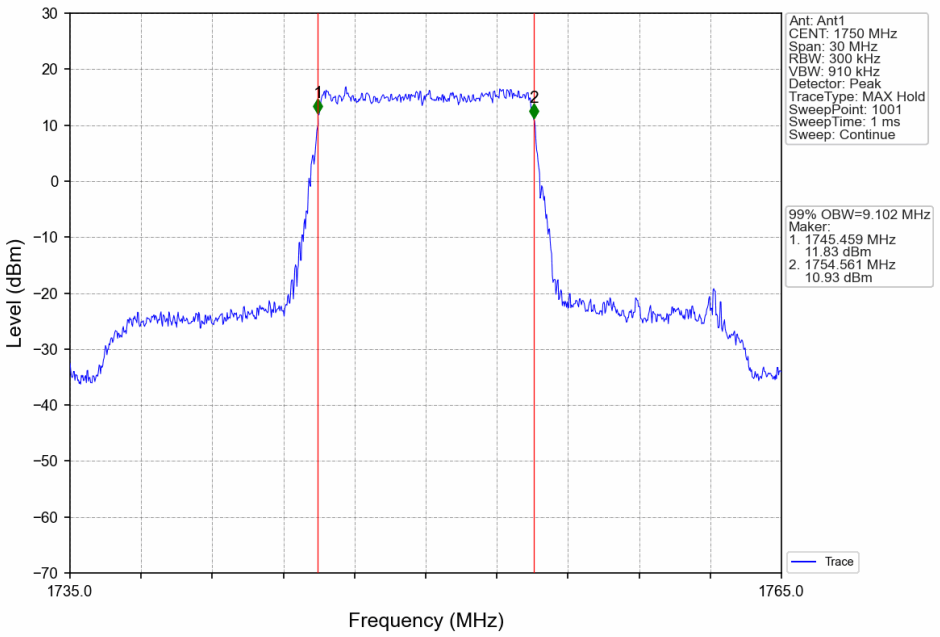
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



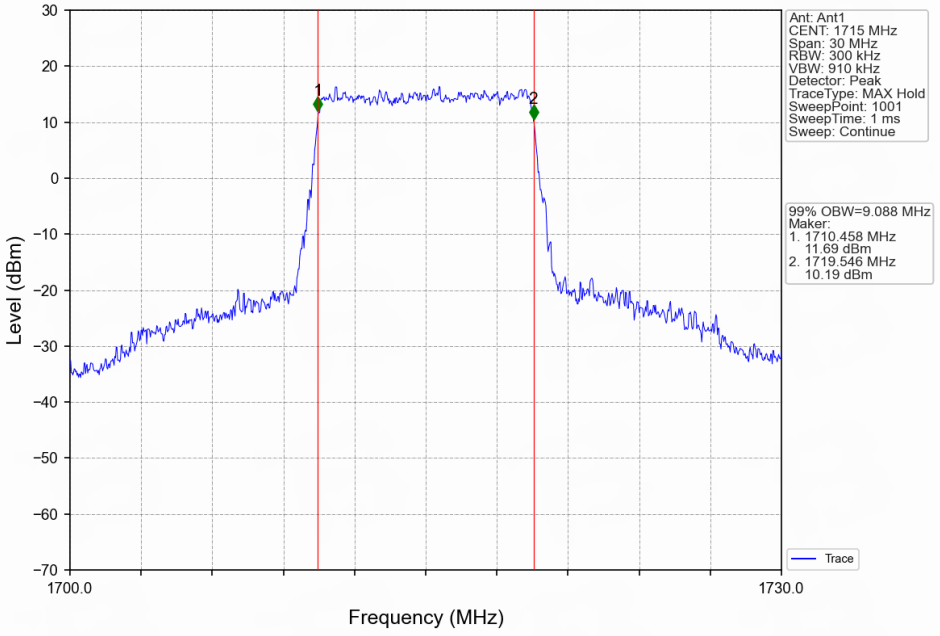
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



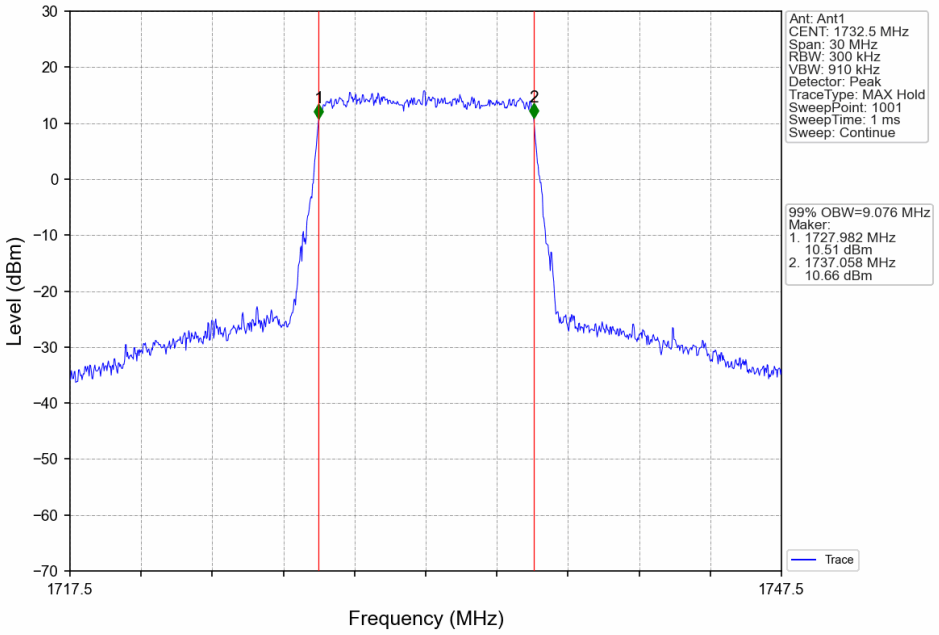
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



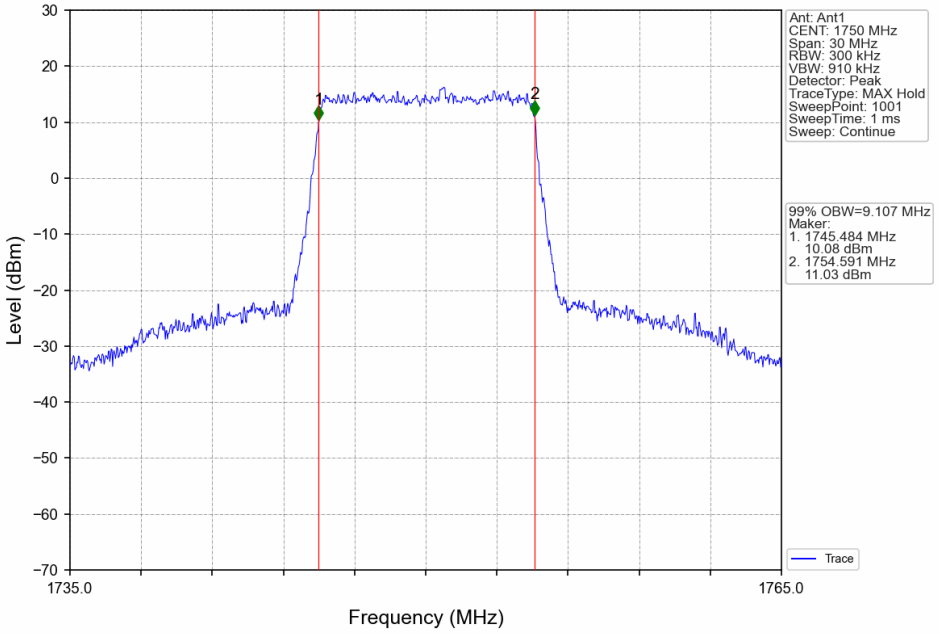
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



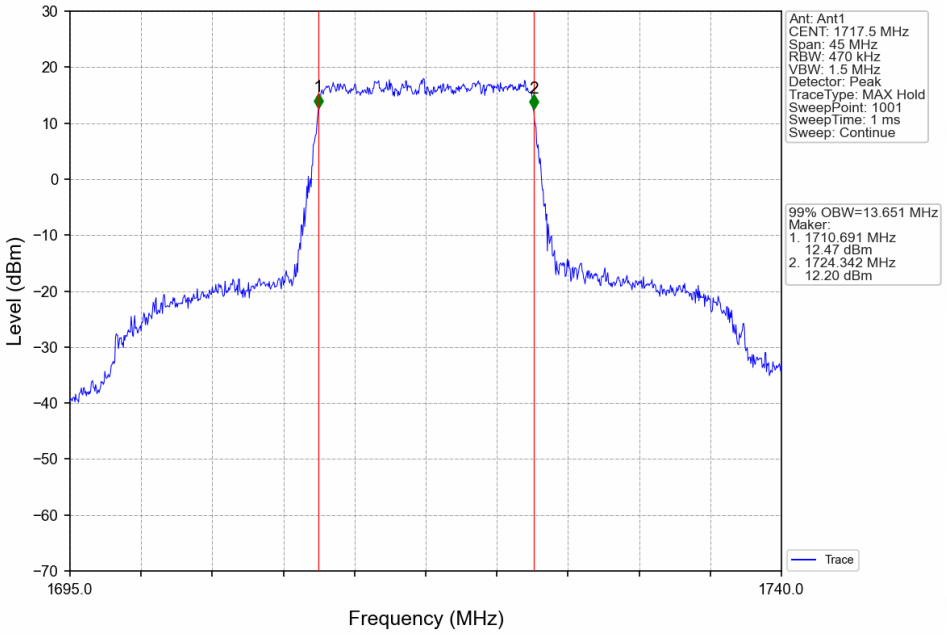
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



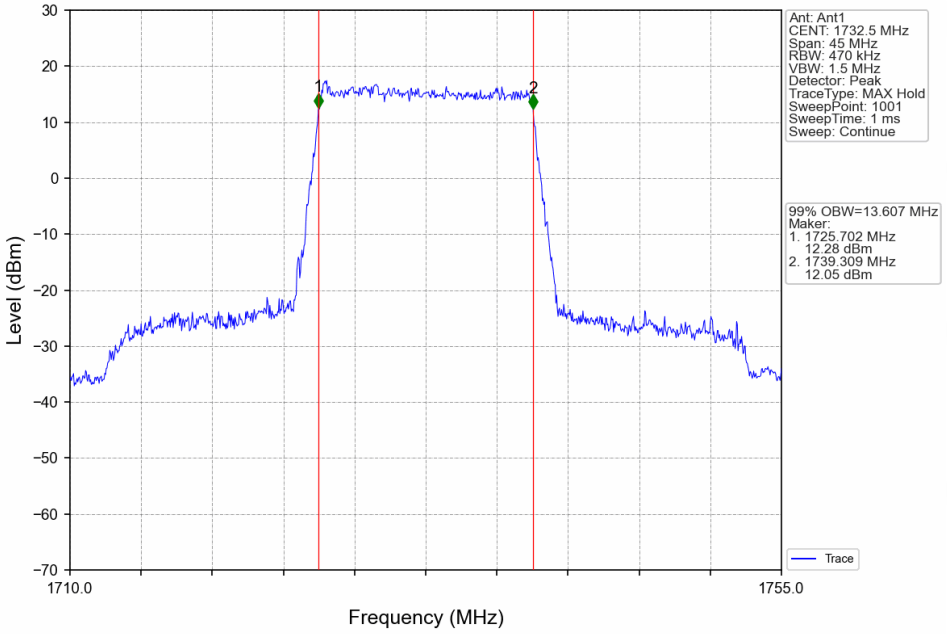
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



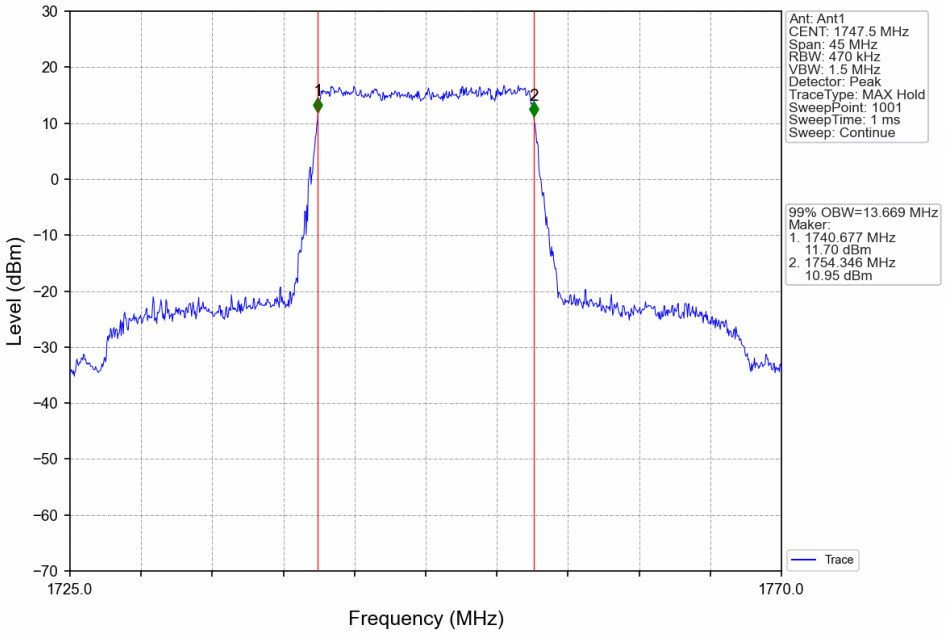
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



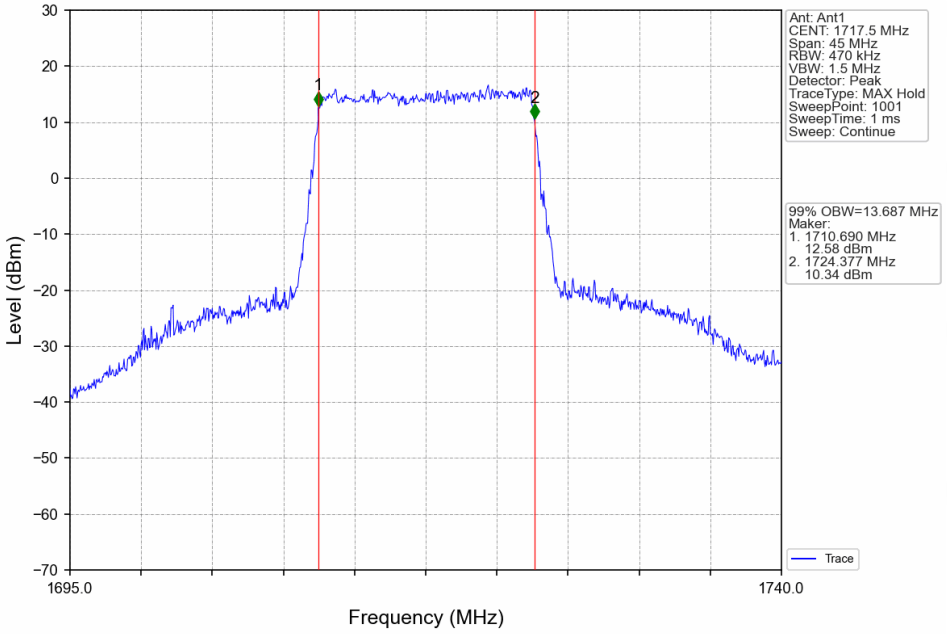
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



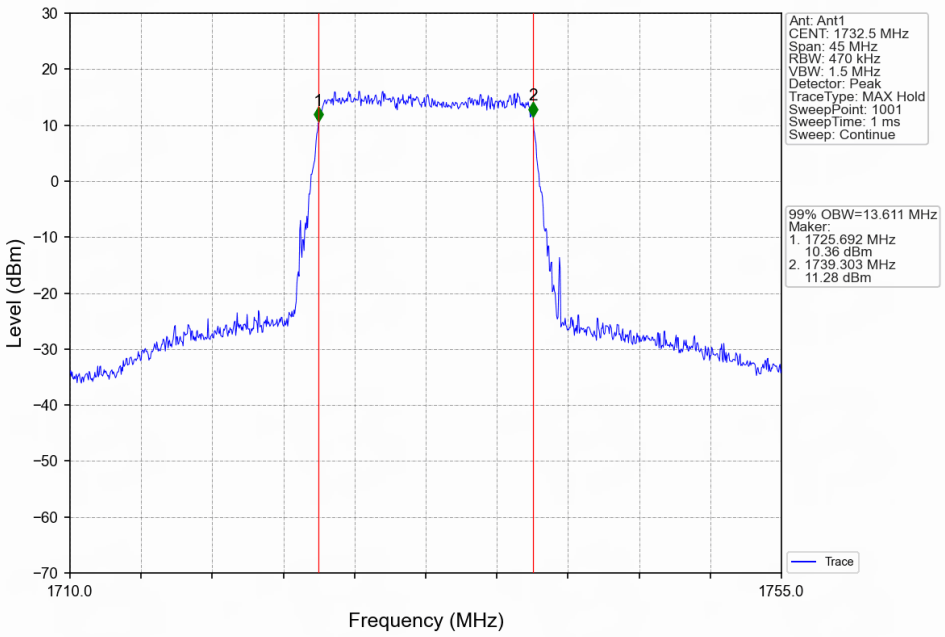
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



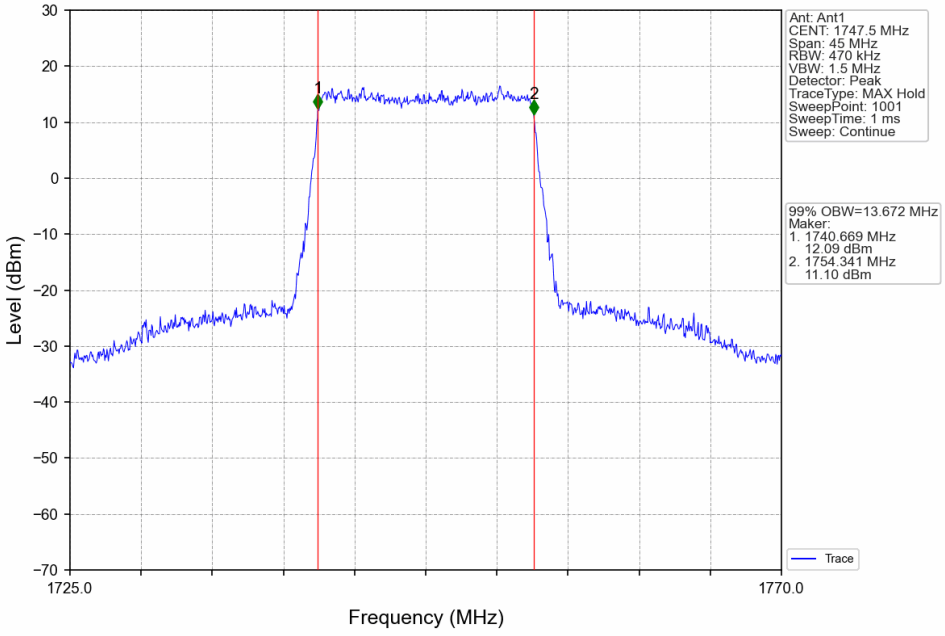
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



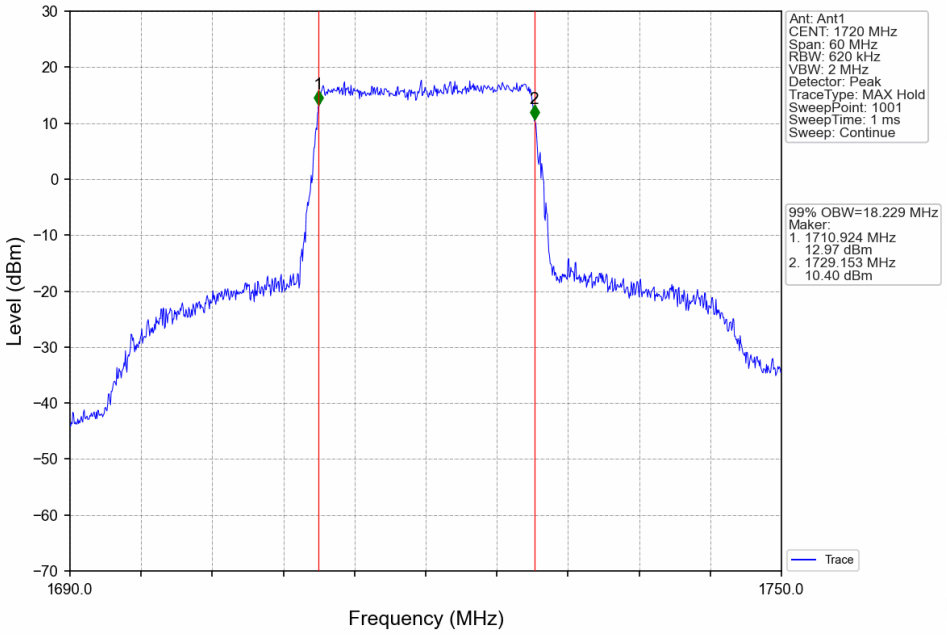
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



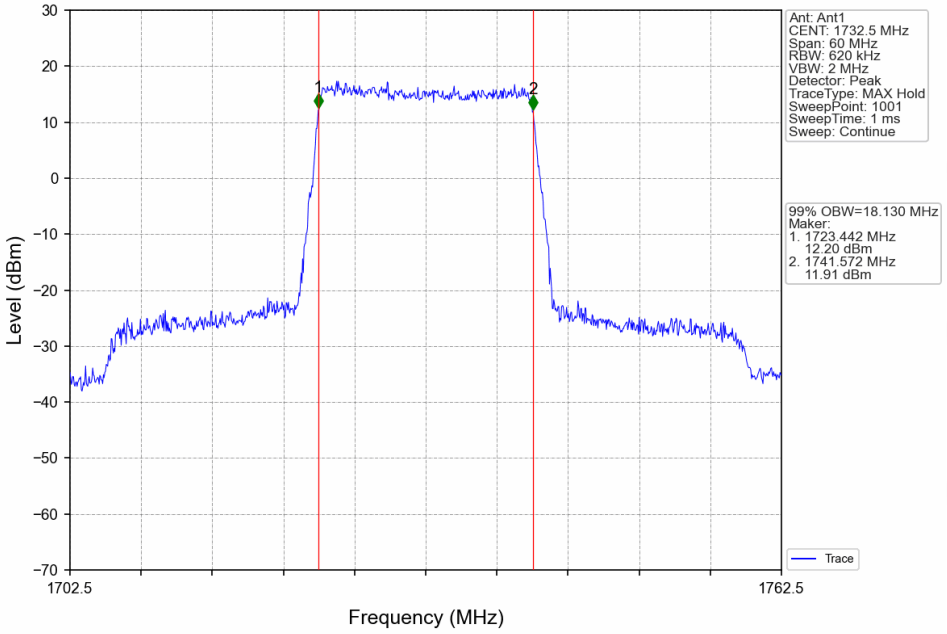
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



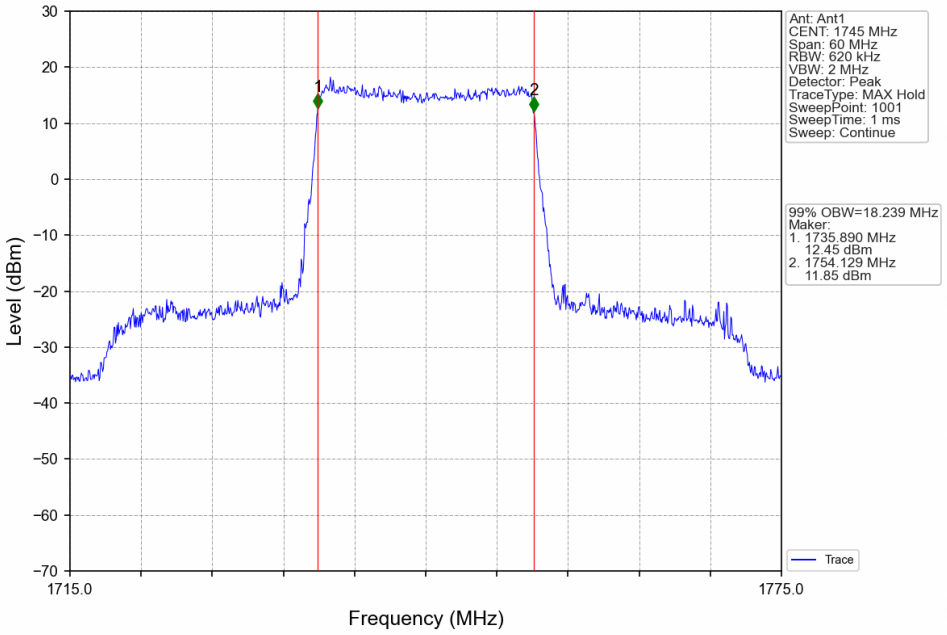
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



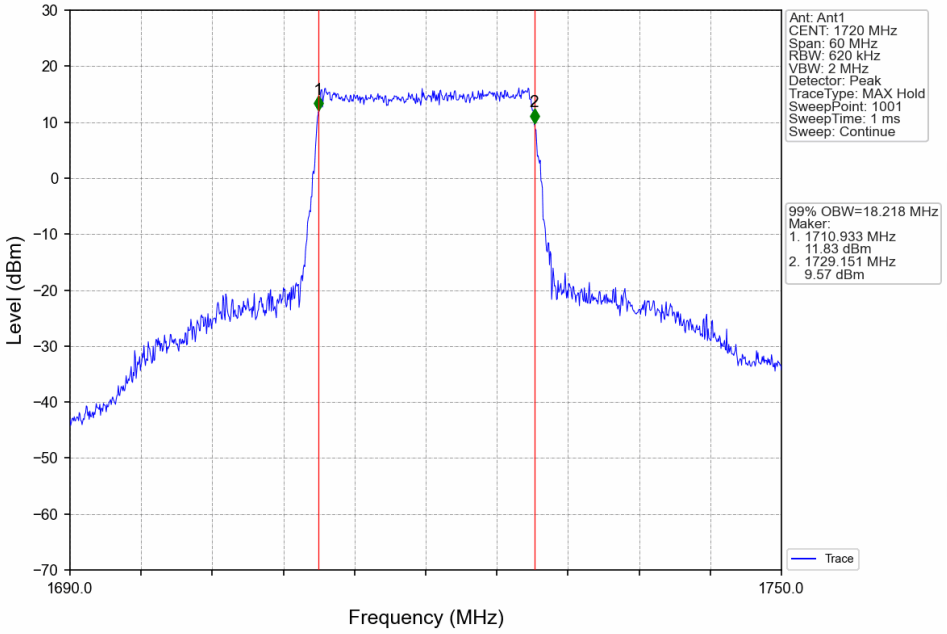
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



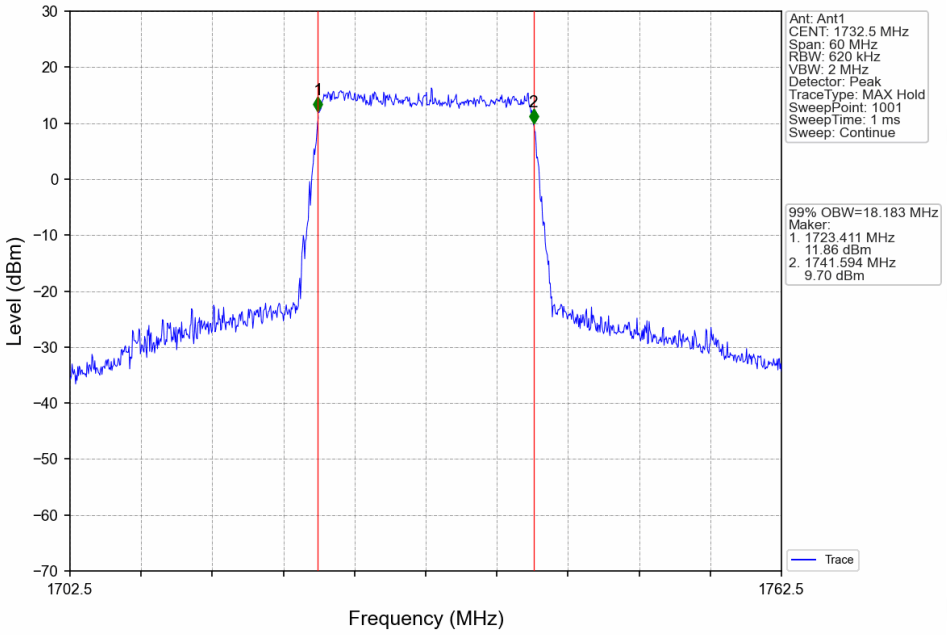
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



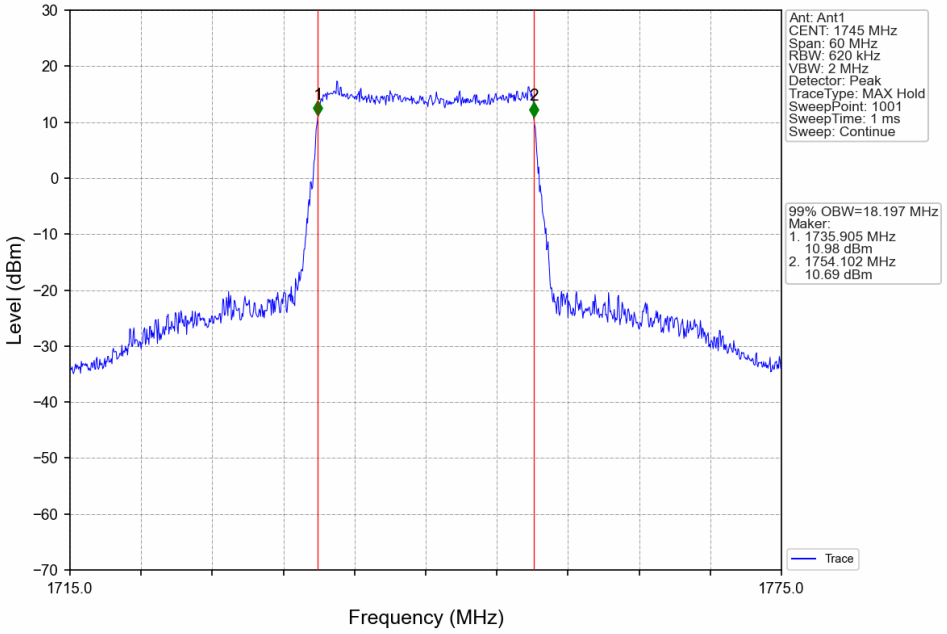
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



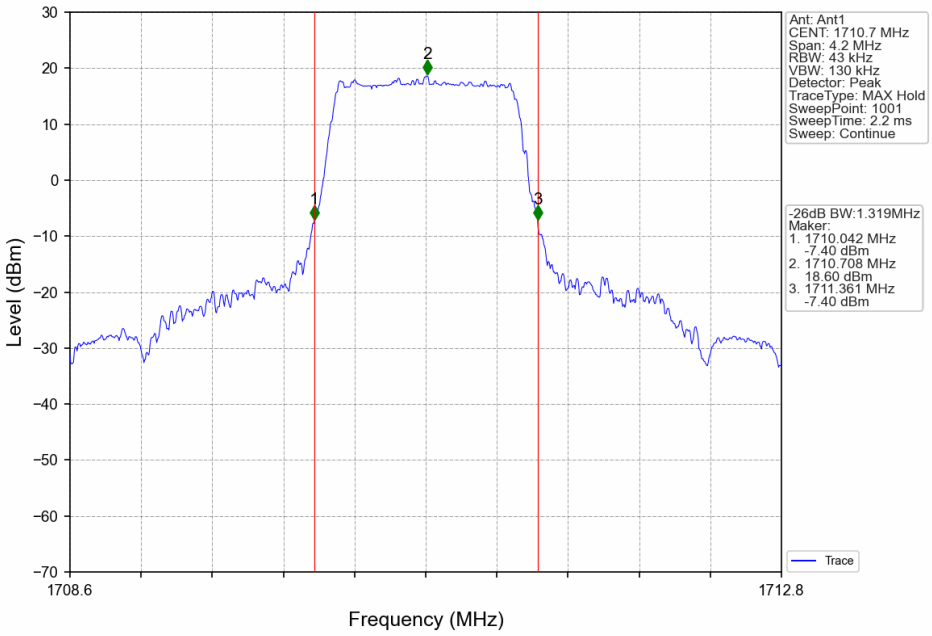
4.2 Band4_XDB

4.2.1 Test Result

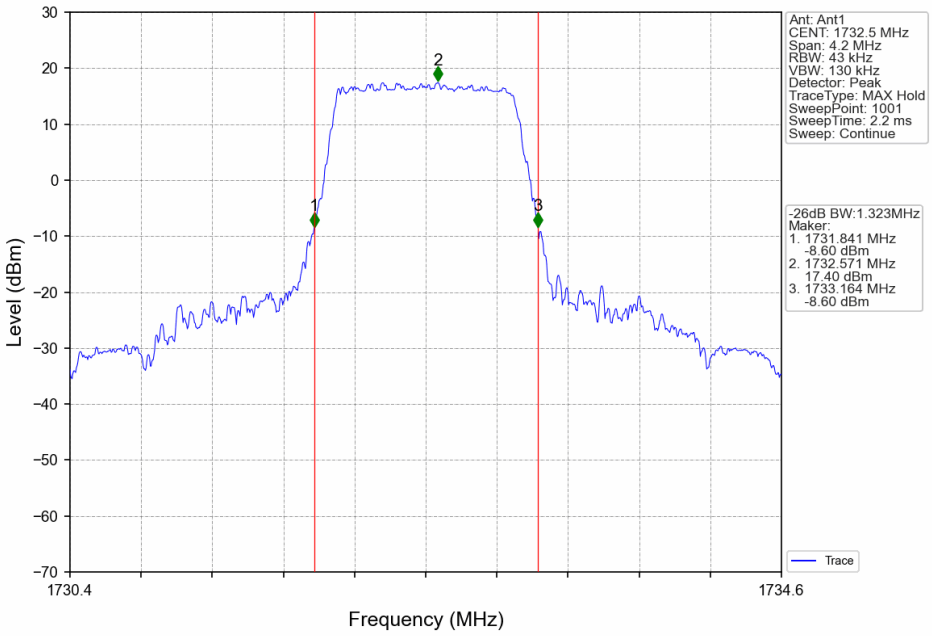
Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.319	Pass
		1732.5	6	0	1.323	Pass
		1754.3	6	0	1.336	Pass
	16QAM	1710.7	6	0	1.309	Pass
		1732.5	6	0	1.307	Pass
		1754.3	6	0	1.327	Pass
3	QPSK	1711.5	15	0	3.013	Pass
		1732.5	15	0	2.996	Pass
		1753.5	15	0	2.998	Pass
	16QAM	1711.5	15	0	3.013	Pass
		1732.5	15	0	2.981	Pass
		1753.5	15	0	2.990	Pass
5	QPSK	1712.5	25	0	5.247	Pass
		1732.5	25	0	5.235	Pass
		1752.5	25	0	5.212	Pass
	16QAM	1712.5	25	0	5.661	Pass
		1732.5	25	0	5.293	Pass
		1752.5	25	0	5.289	Pass
10	QPSK	1715	50	0	10.371	Pass
		1732.5	50	0	10.268	Pass
		1750	50	0	10.377	Pass
	16QAM	1715	50	0	10.207	Pass
		1732.5	50	0	10.247	Pass
		1750	50	0	10.182	Pass
15	QPSK	1717.5	75	0	15.480	Pass
		1732.5	75	0	15.305	Pass
		1747.5	75	0	15.482	Pass
	16QAM	1717.5	75	0	15.413	Pass
		1732.5	75	0	15.642	Pass
		1747.5	75	0	15.309	Pass
20	QPSK	1720	100	0	20.412	Pass
		1732.5	100	0	20.092	Pass
		1745	100	0	20.108	Pass
	16QAM	1720	100	0	20.107	Pass
		1732.5	100	0	20.109	Pass
		1745	100	0	20.104	Pass

4.2.2 Test Graph

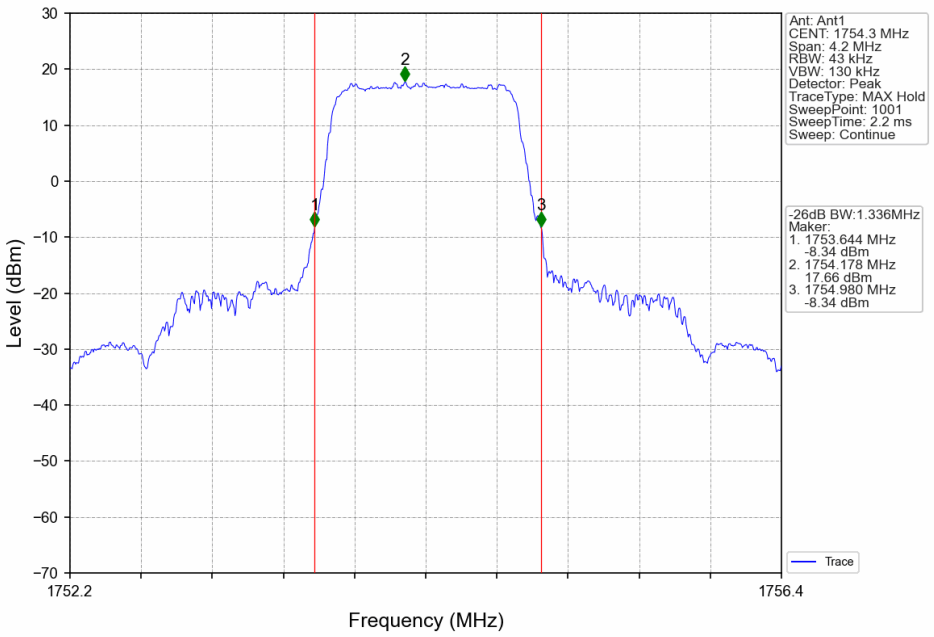
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



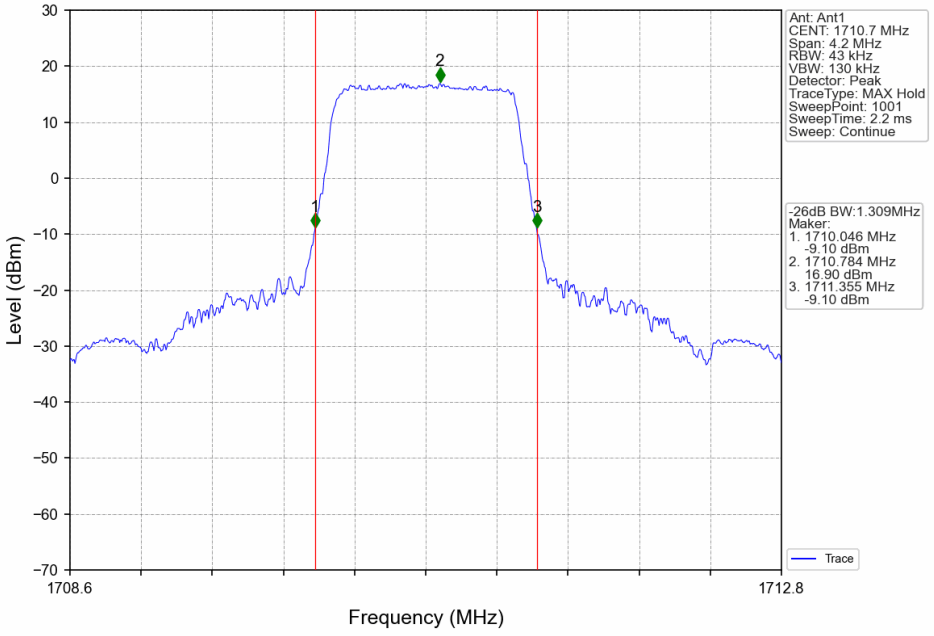
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



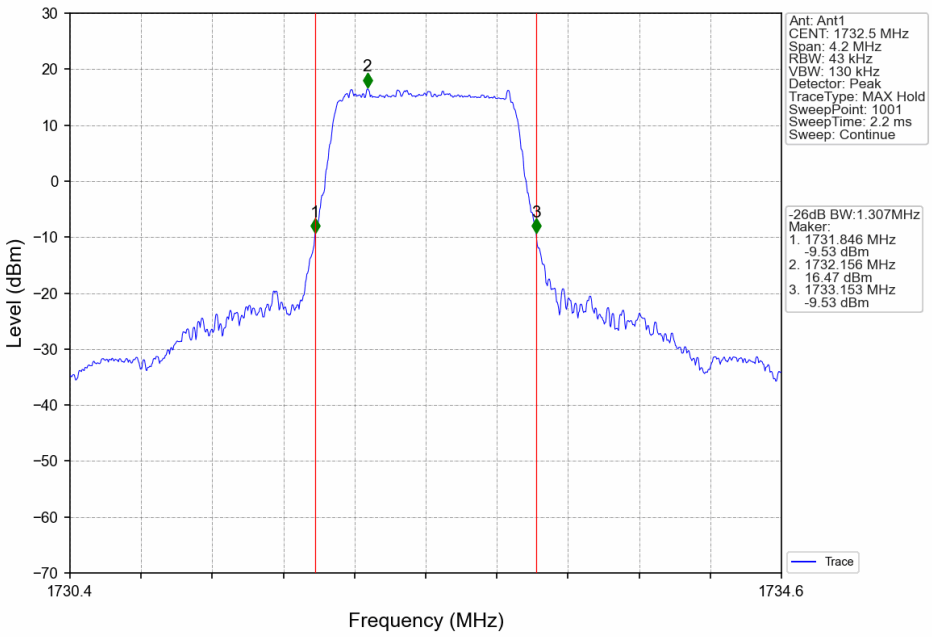
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



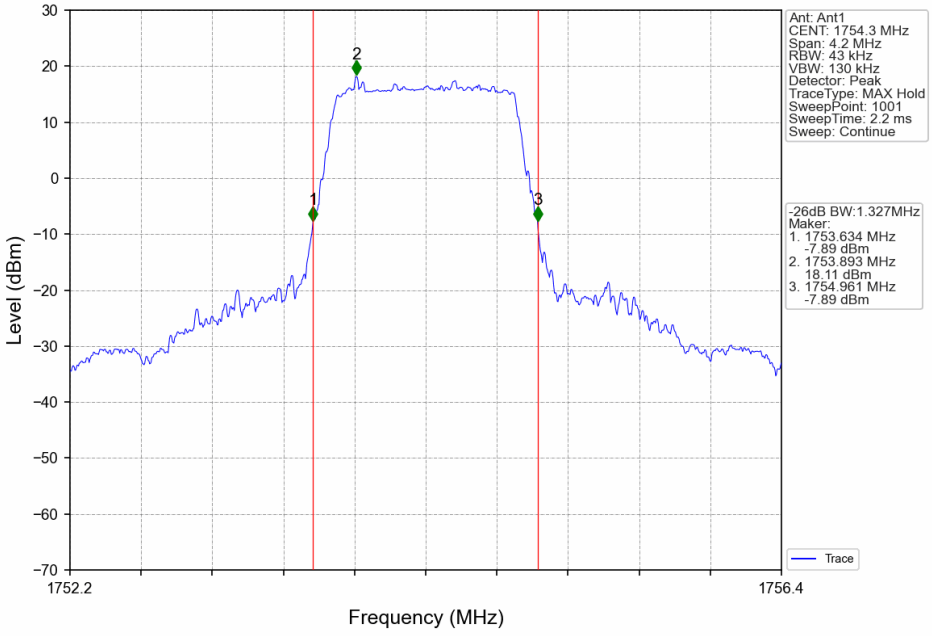
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



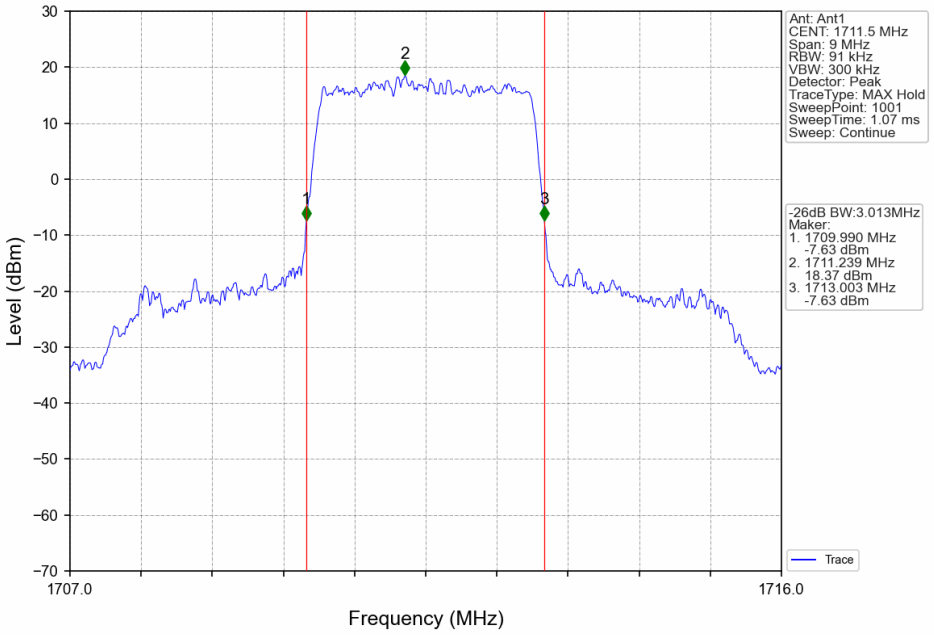
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



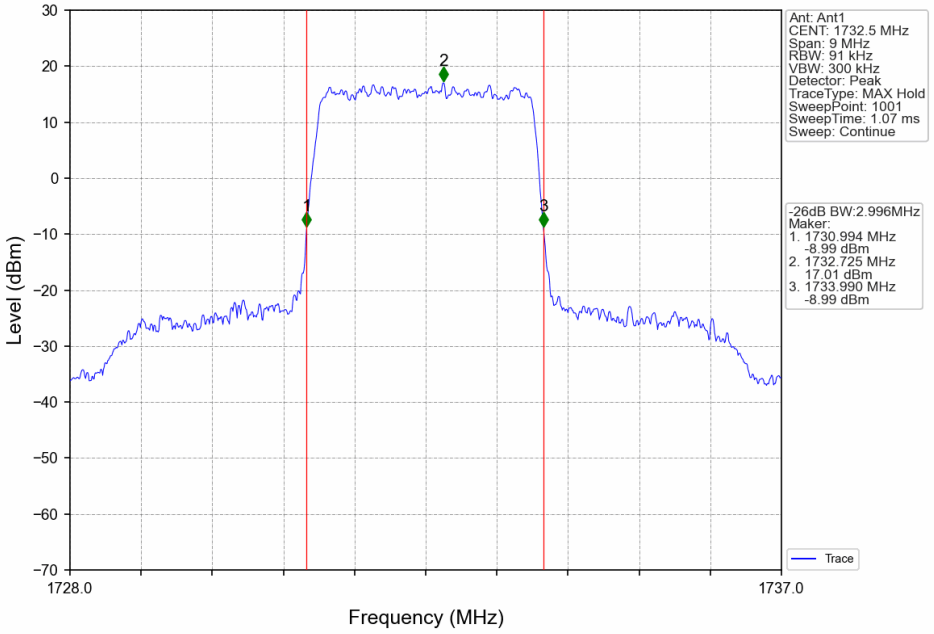
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



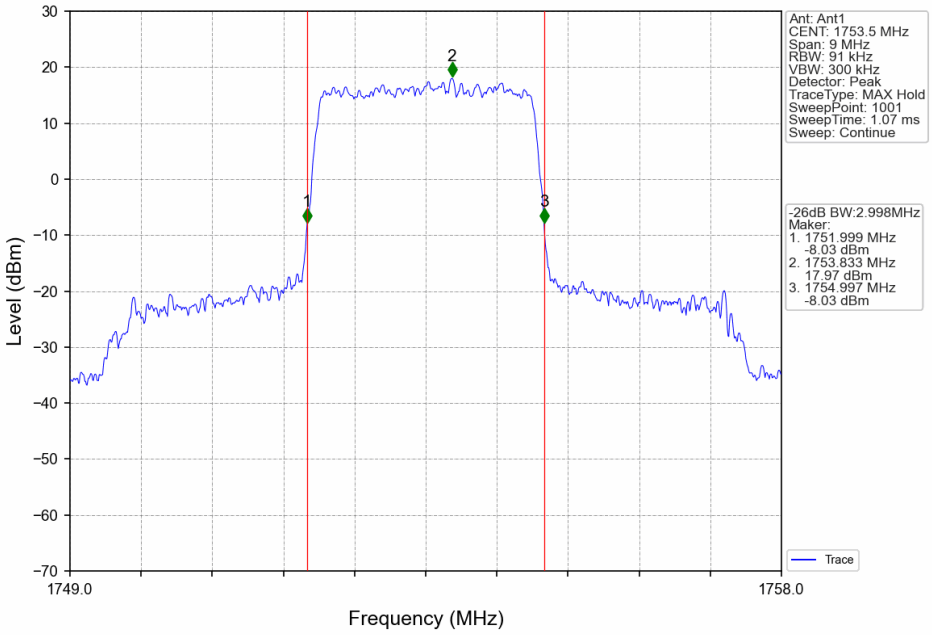
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



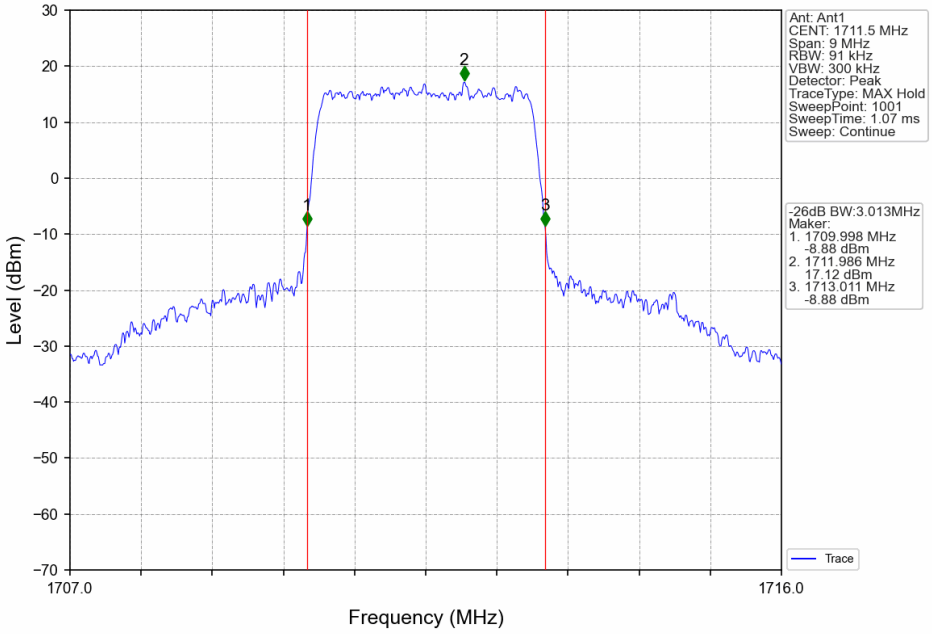
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



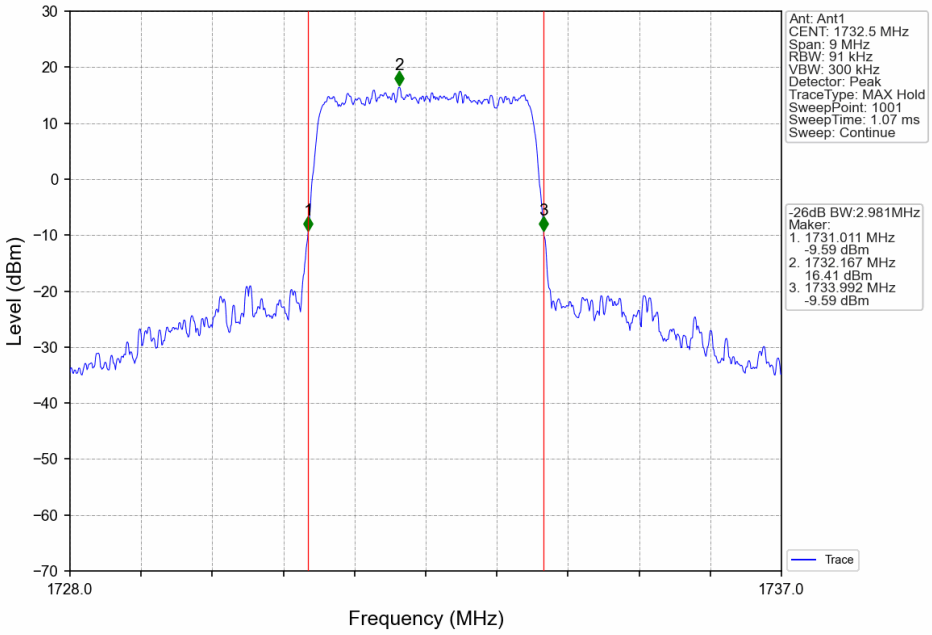
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



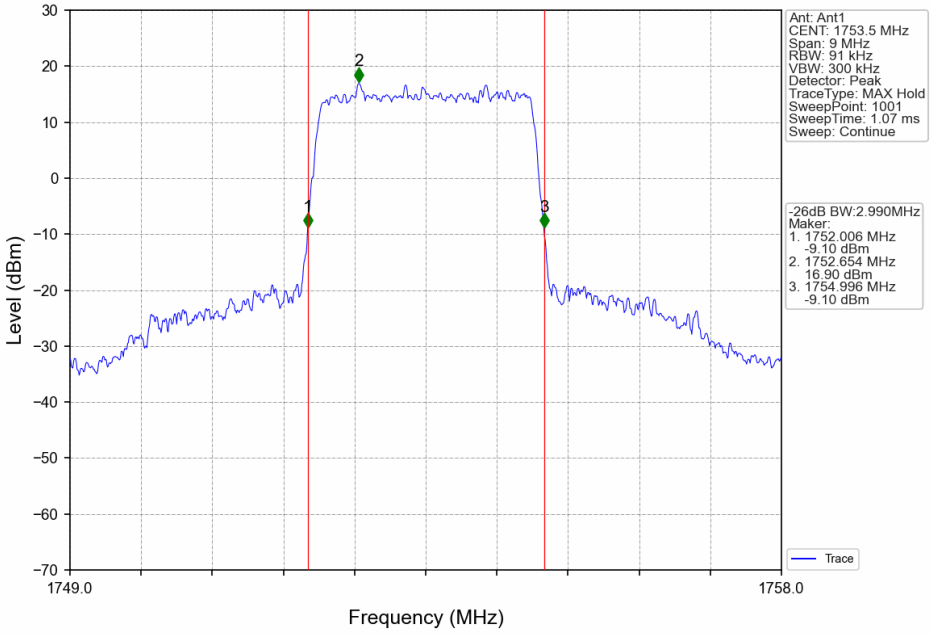
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



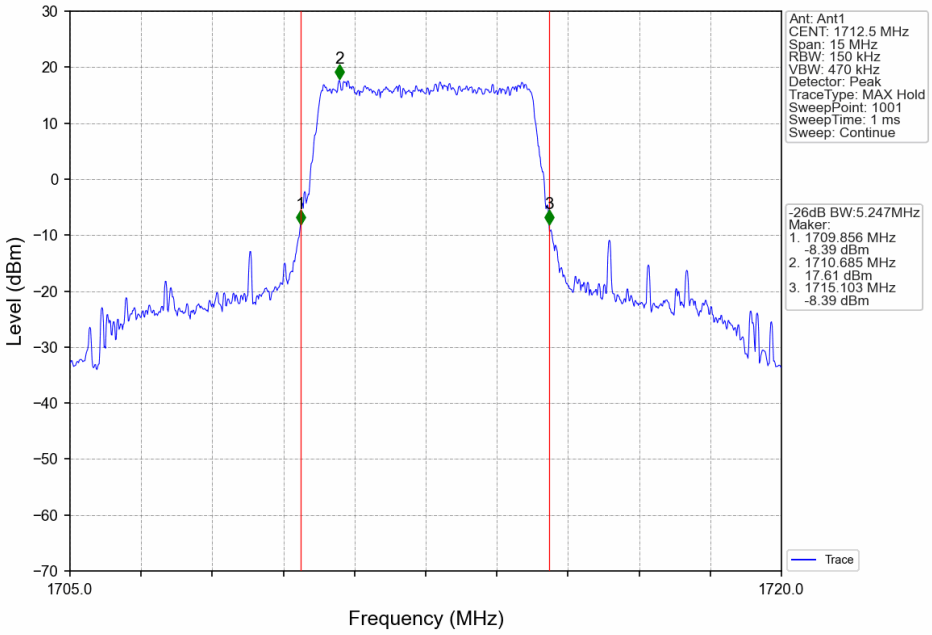
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



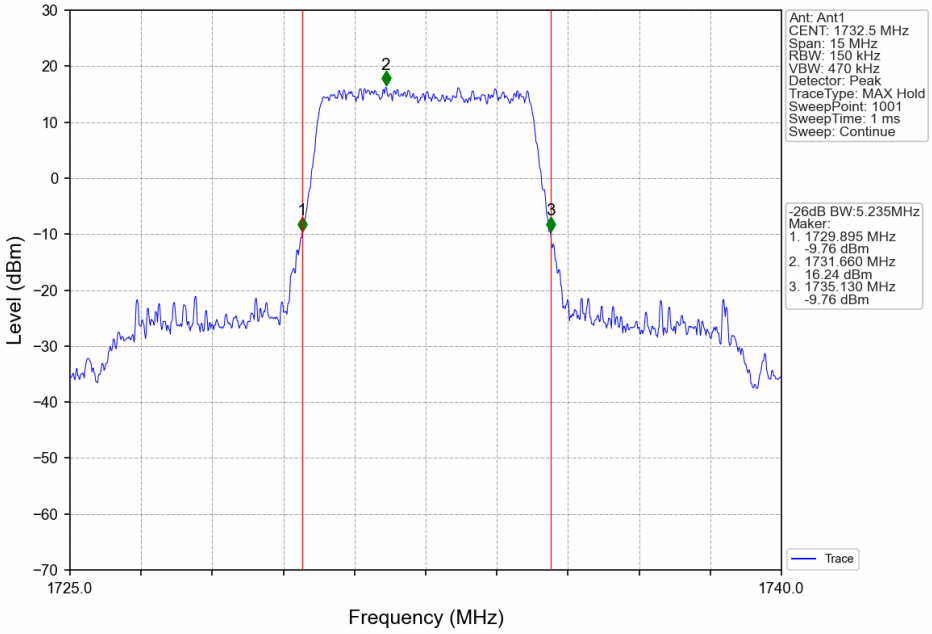
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



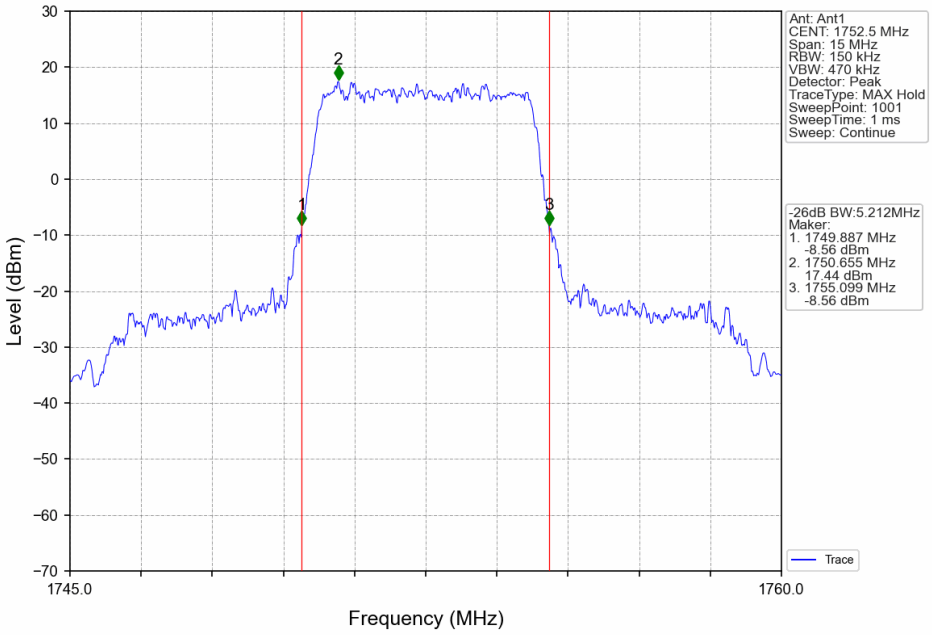
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



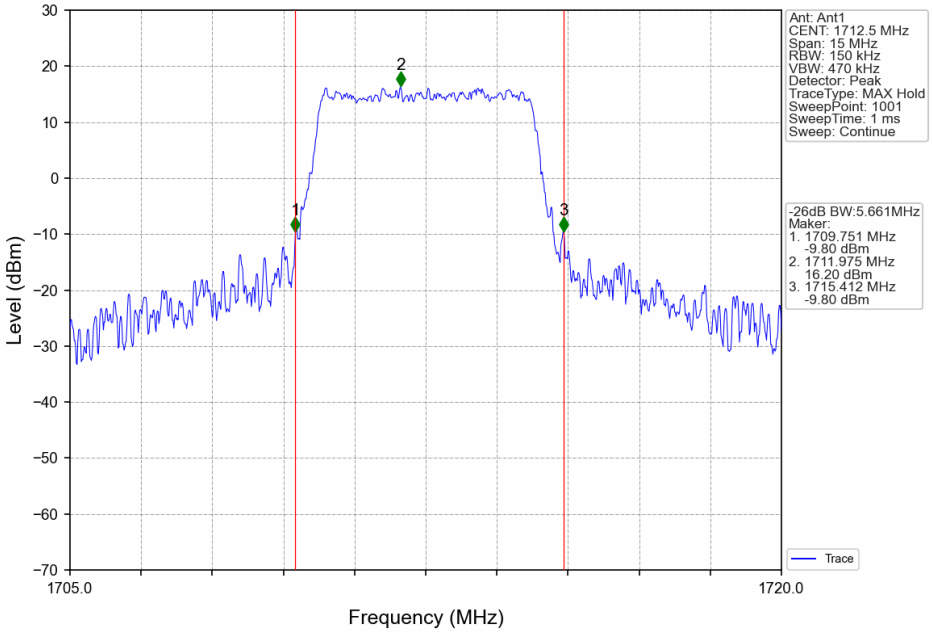
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



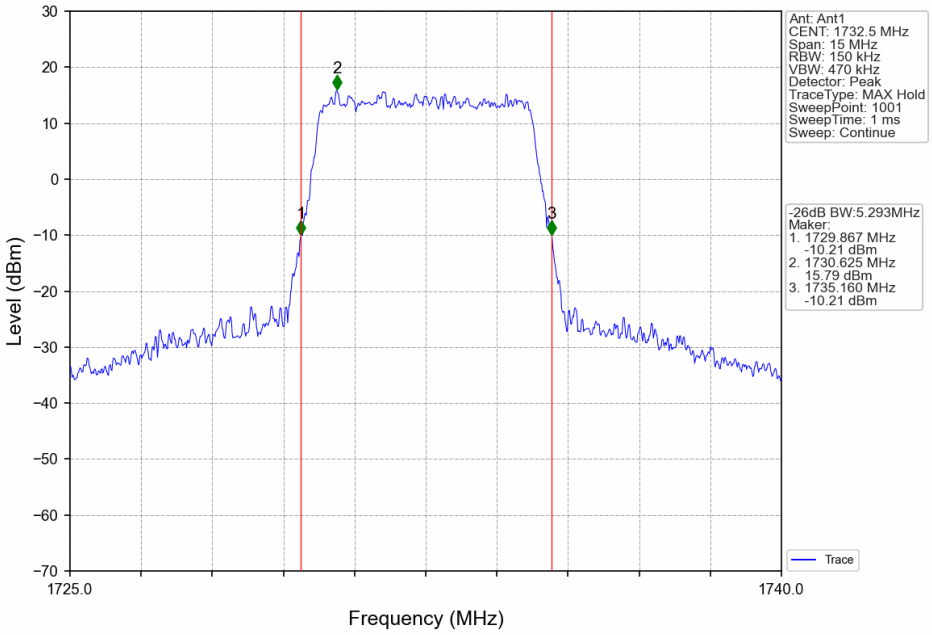
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



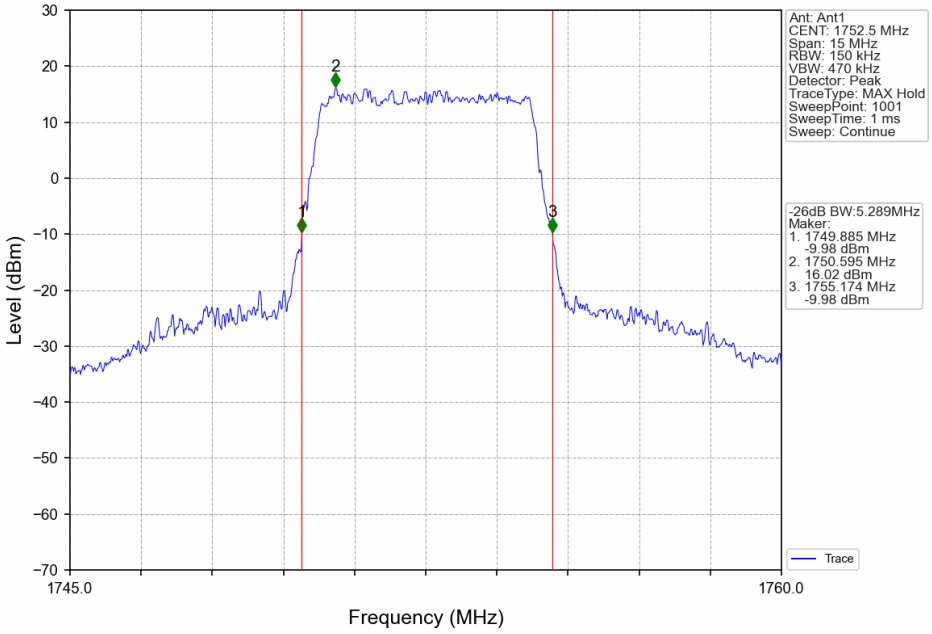
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



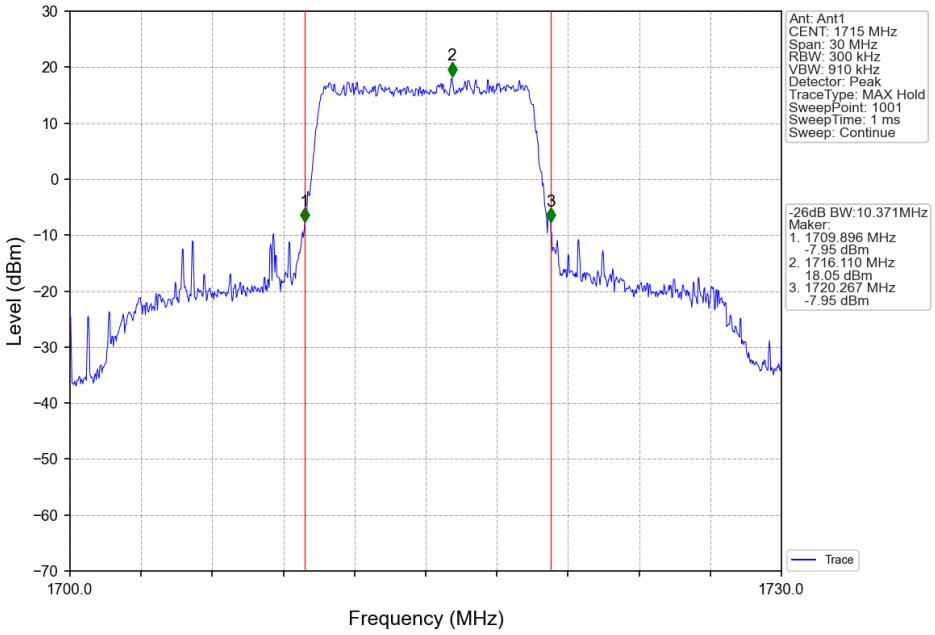
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



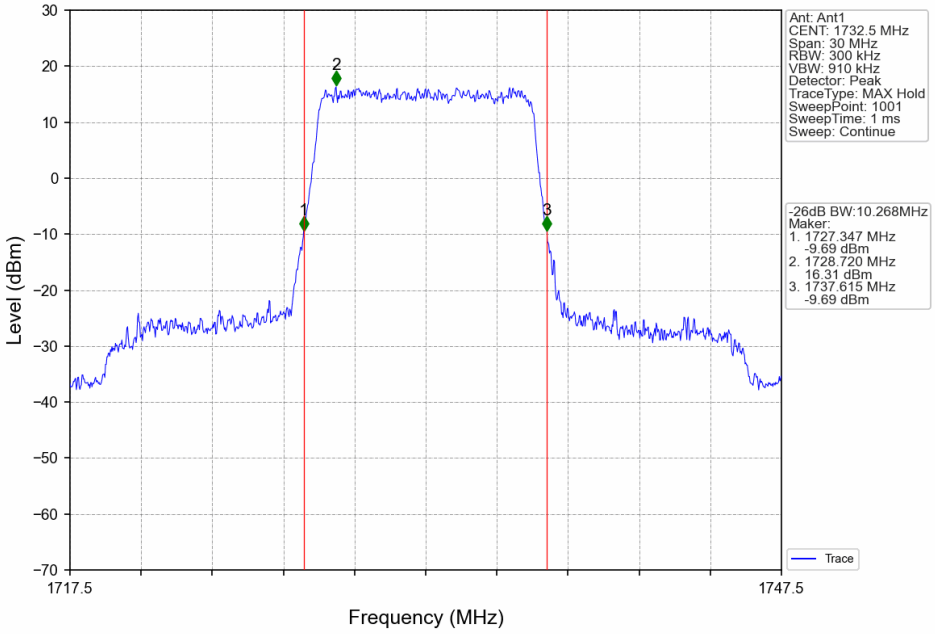
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



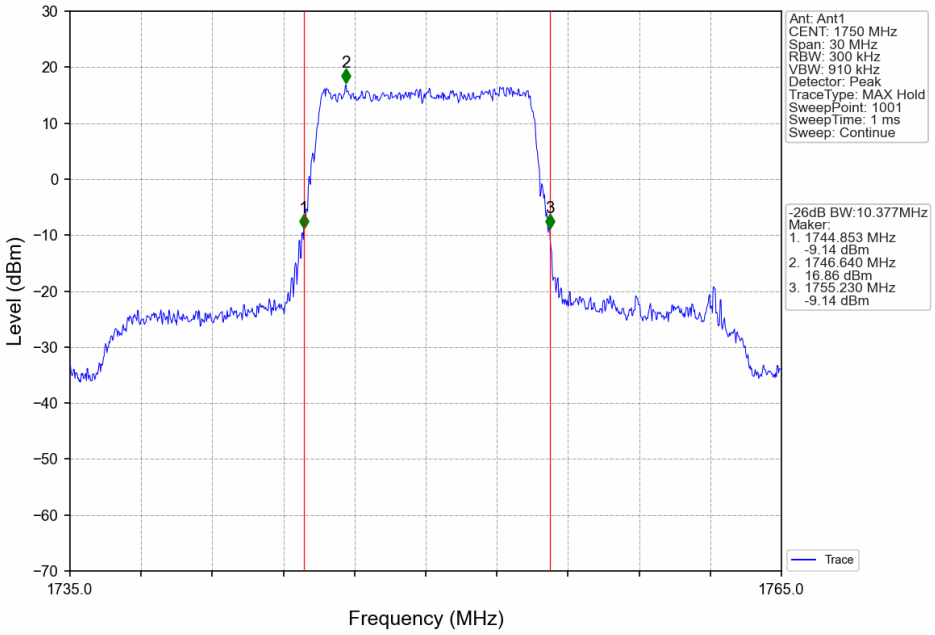
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



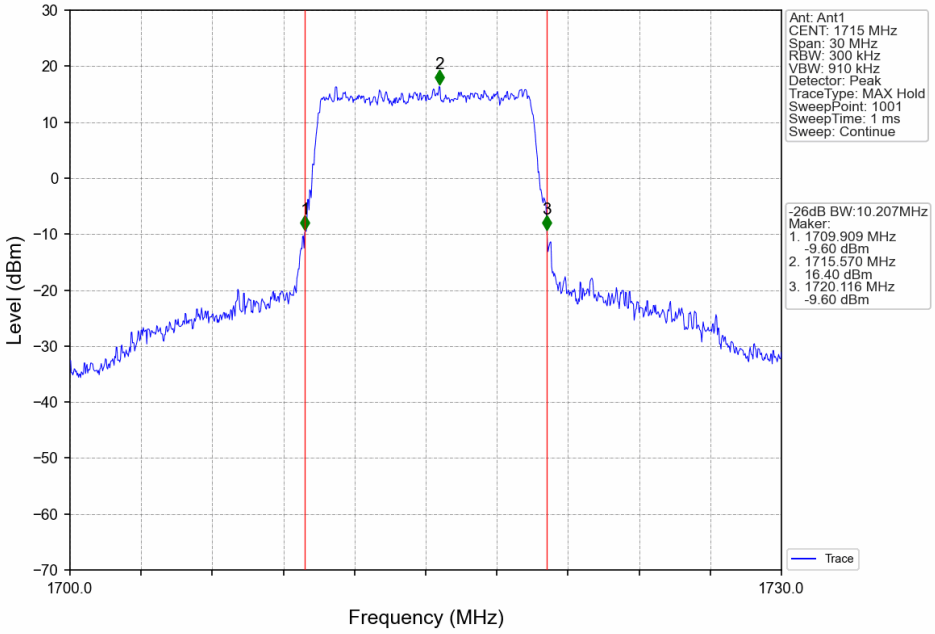
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



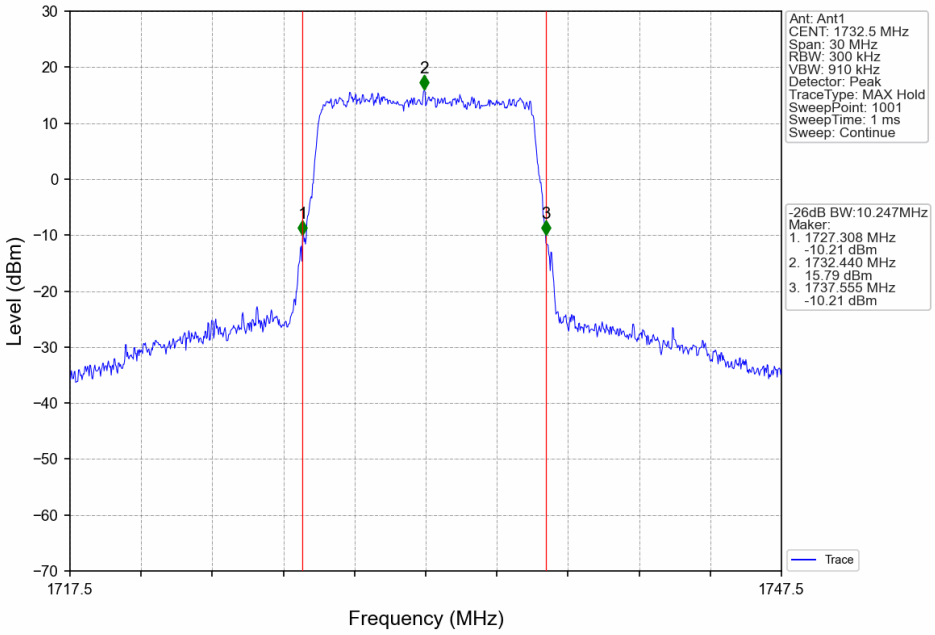
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



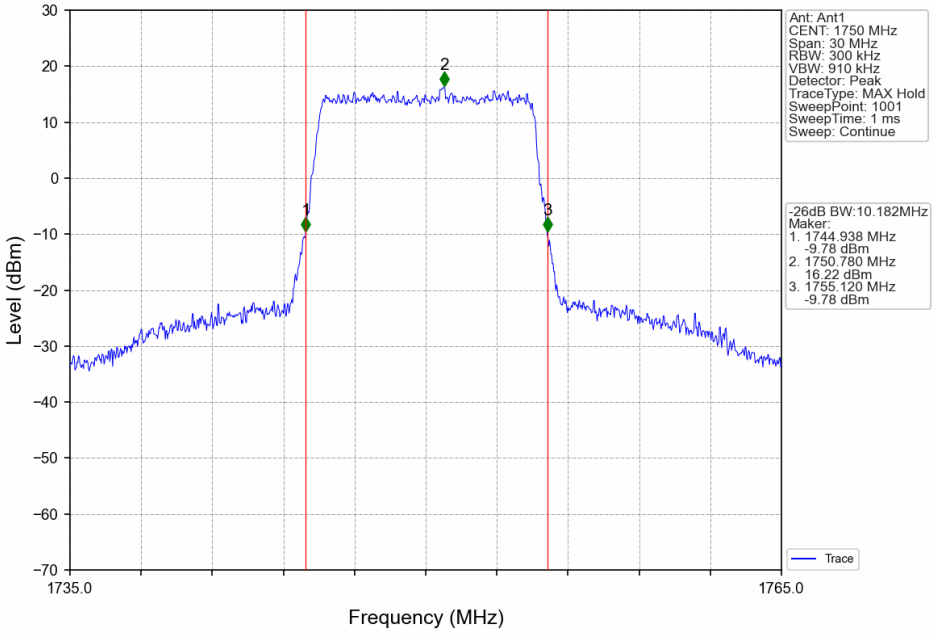
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



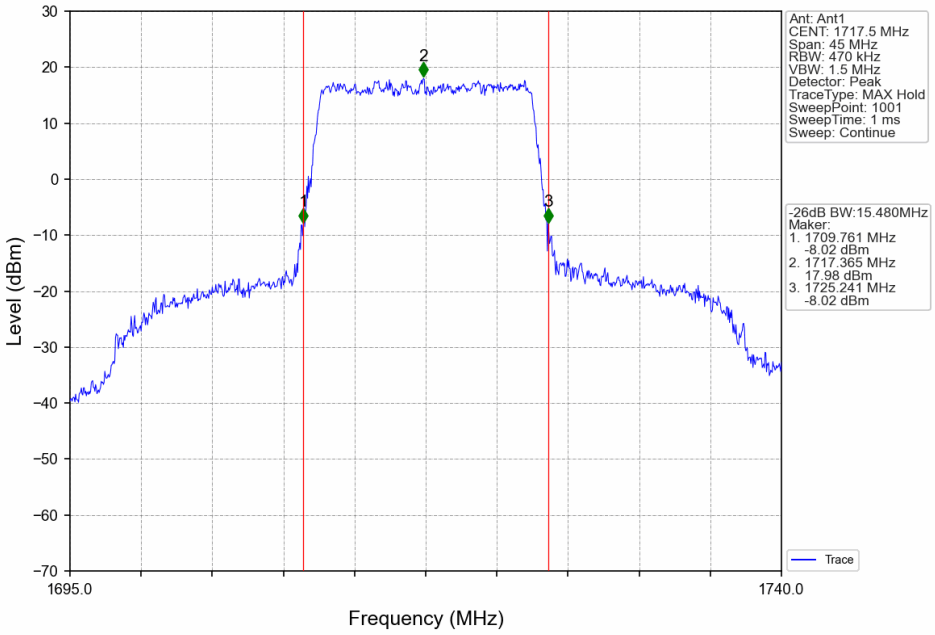
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



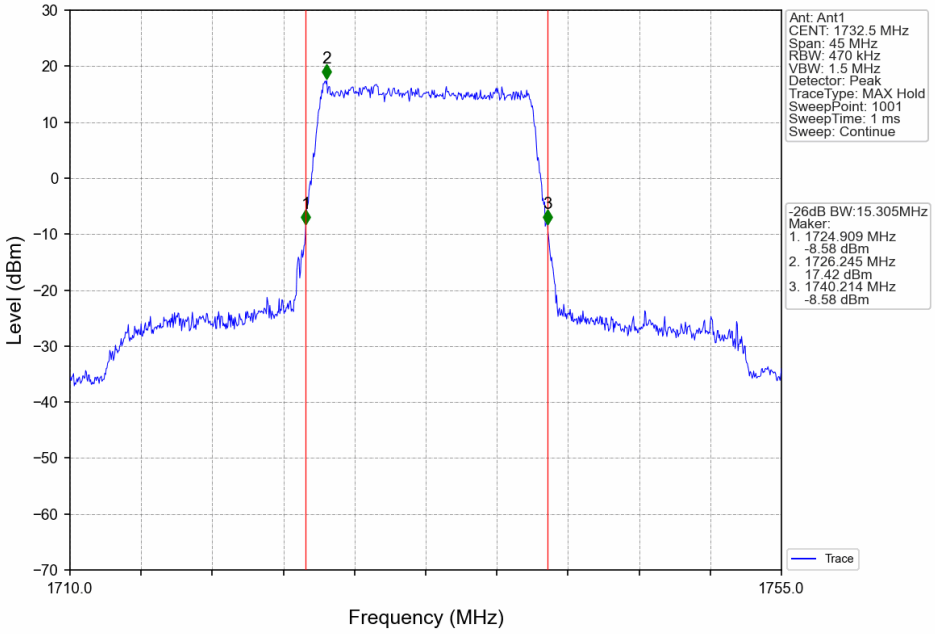
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



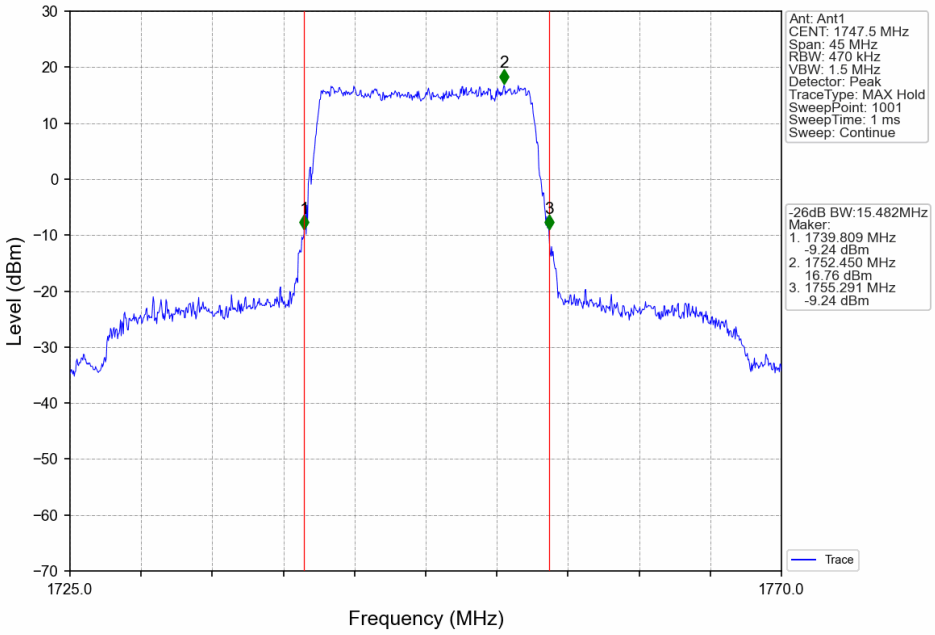
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



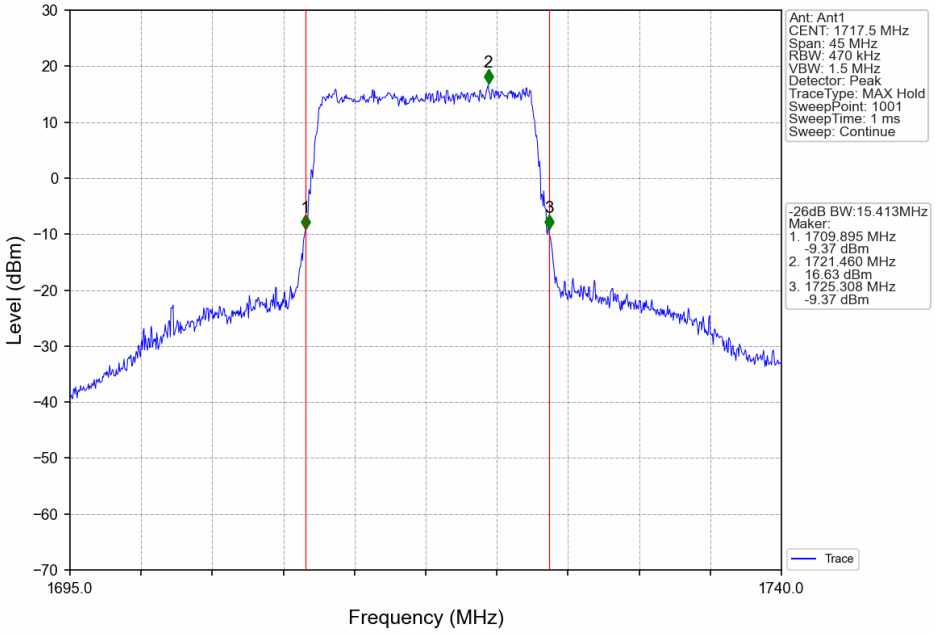
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



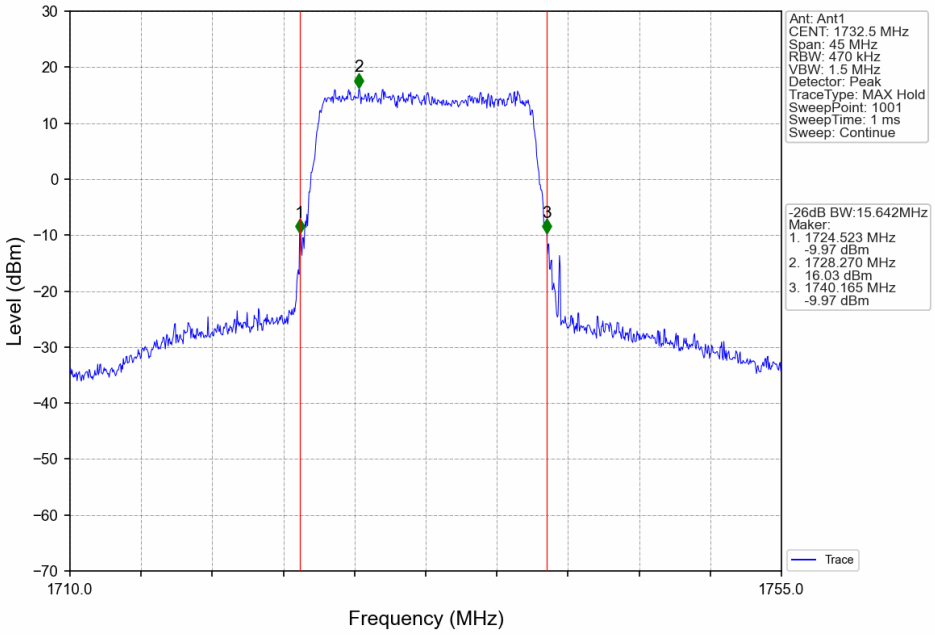
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



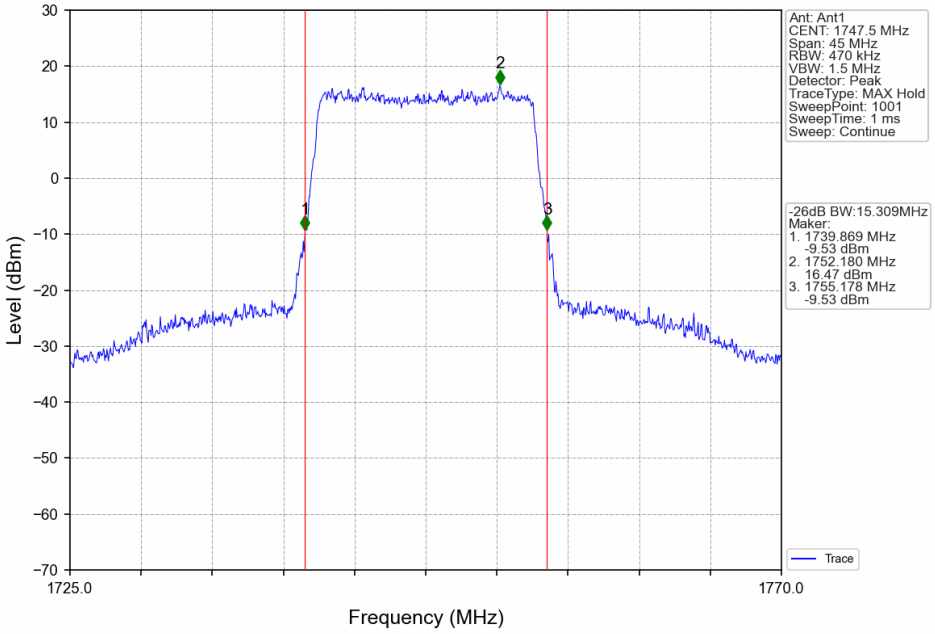
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



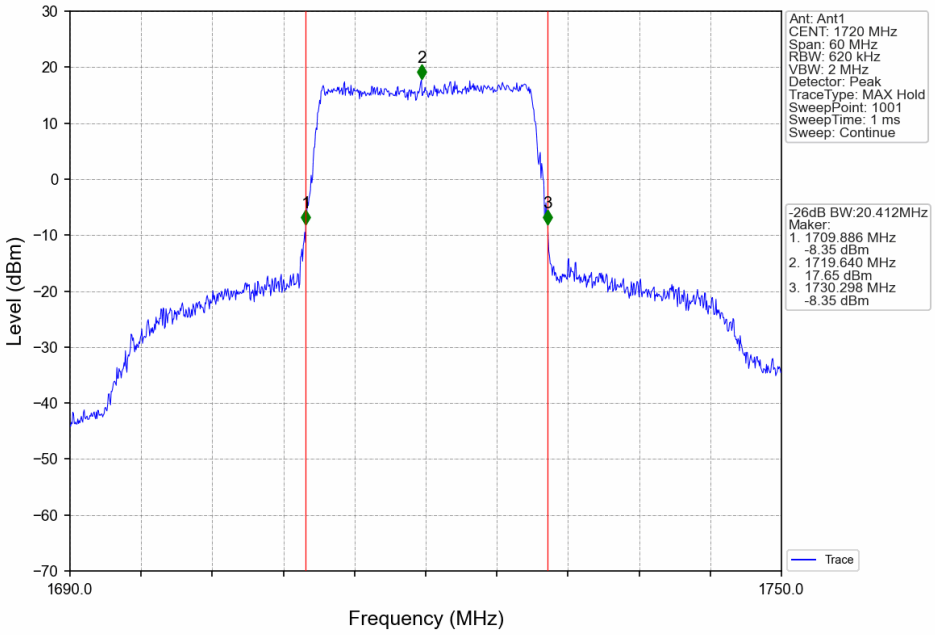
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



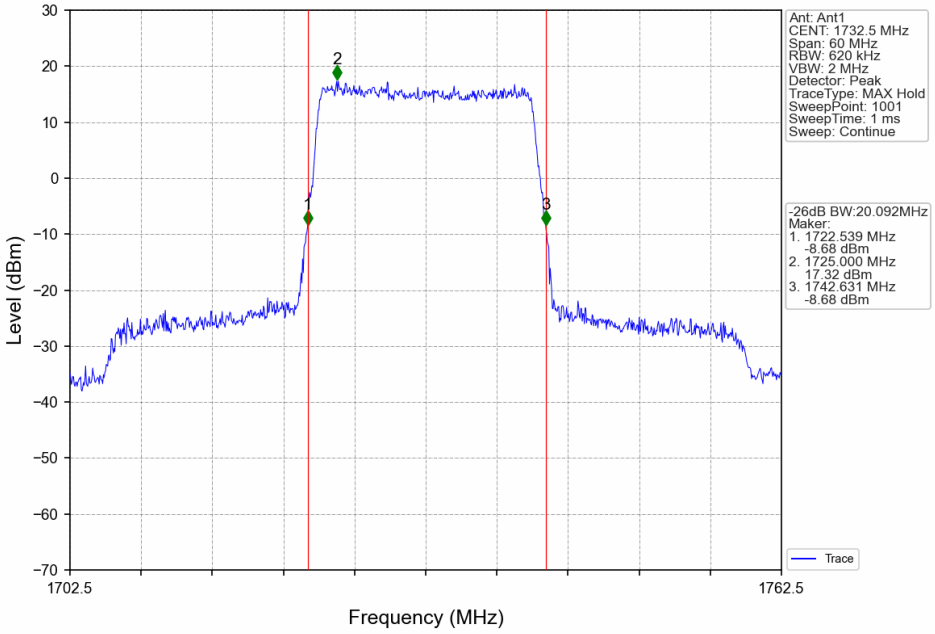
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



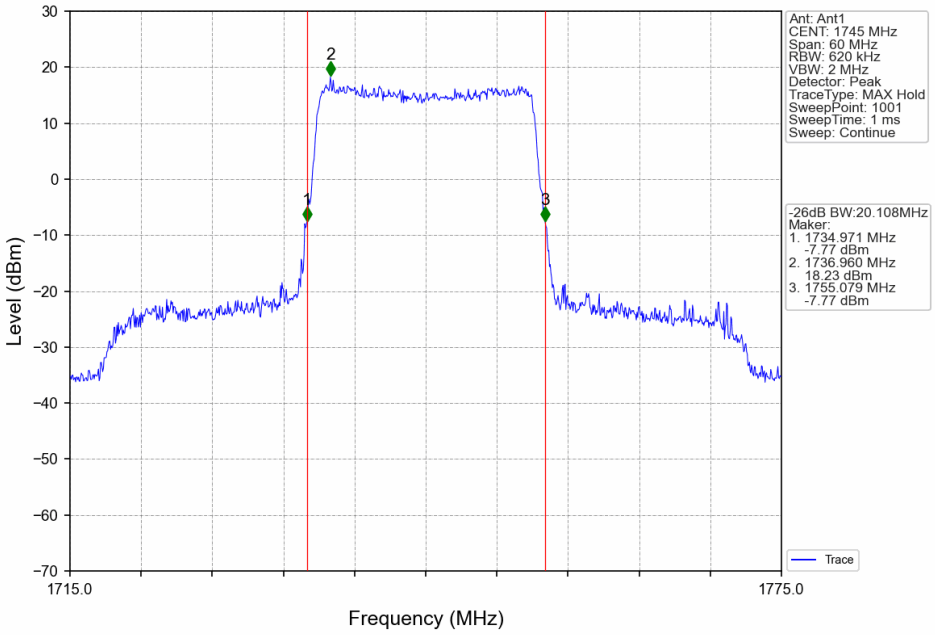
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



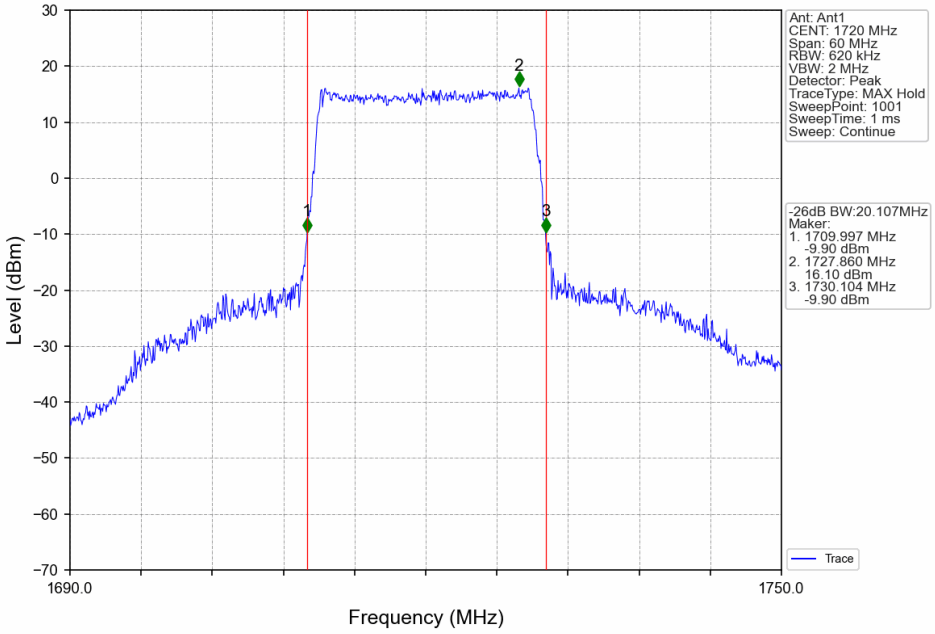
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



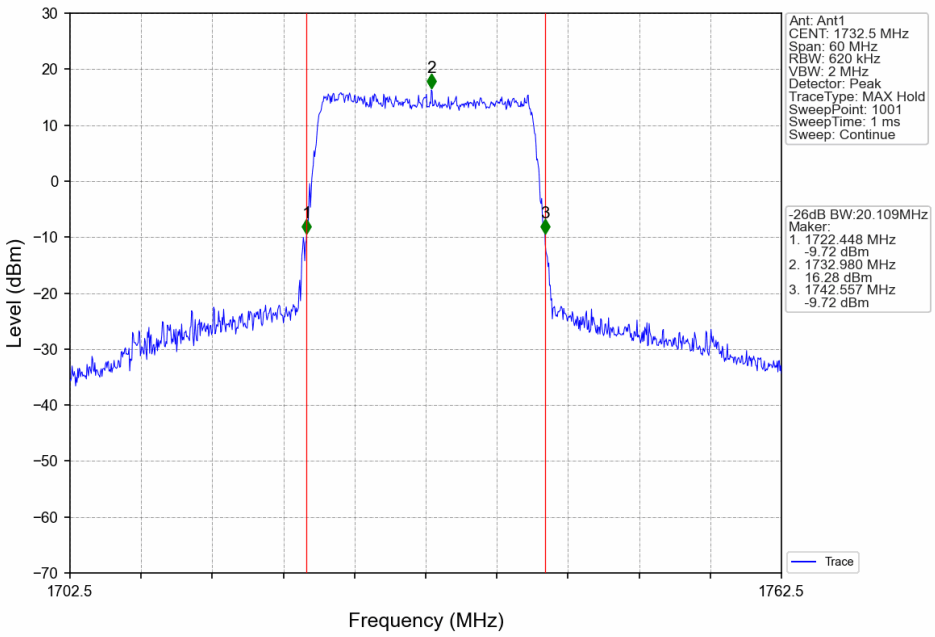
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



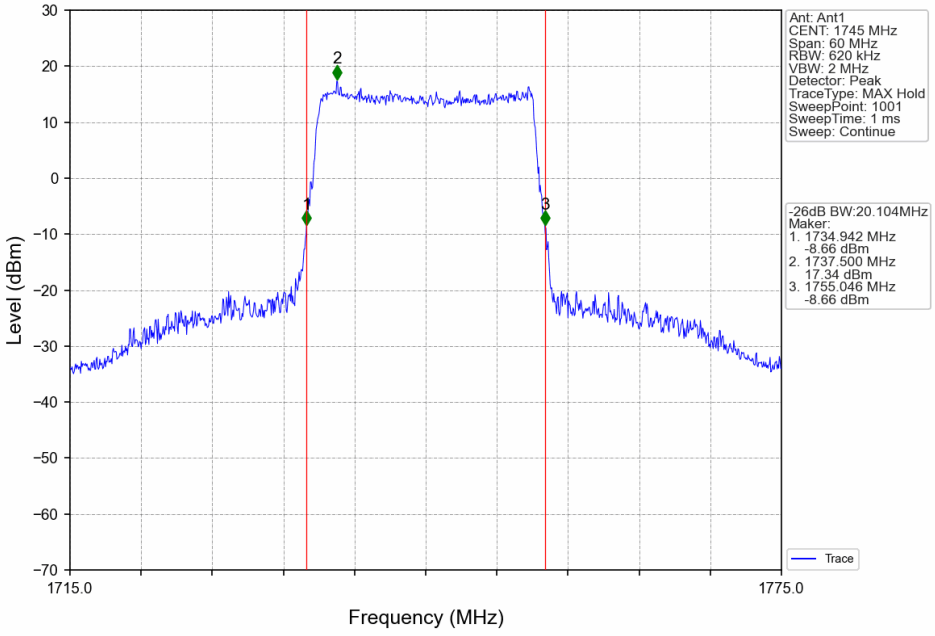
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

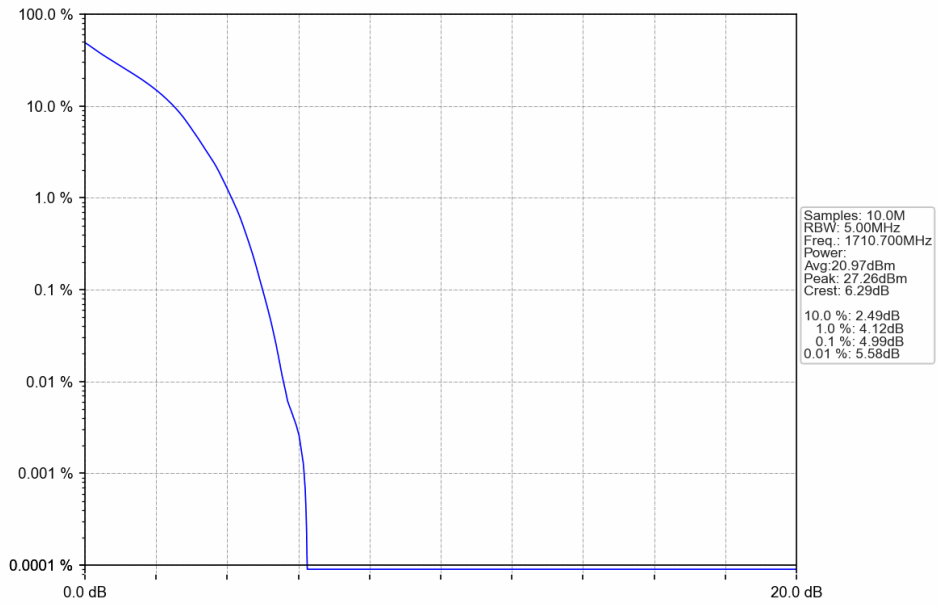
5.1 B4_1.4MHz

5.1.1 Test Result

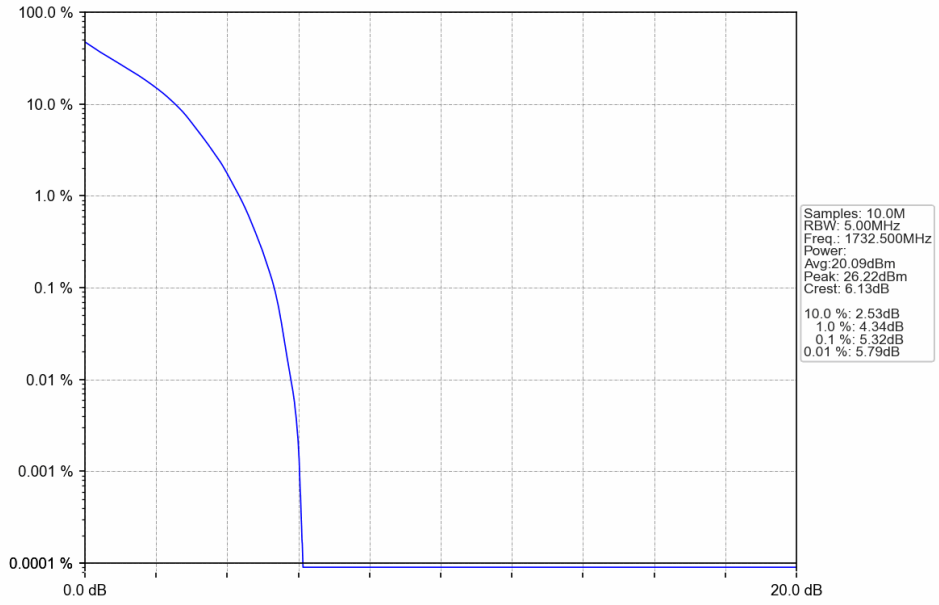
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.99	<=13	Pass
	1732.5	6	0	5.32	<=13	Pass
	1754.3	6	0	5.12	<=13	Pass
16QAM	1710.7	6	0	5.81	<=13	Pass
	1732.5	6	0	6.13	<=13	Pass
	1754.3	6	0	5.89	<=13	Pass

5.1.2 Test Graph

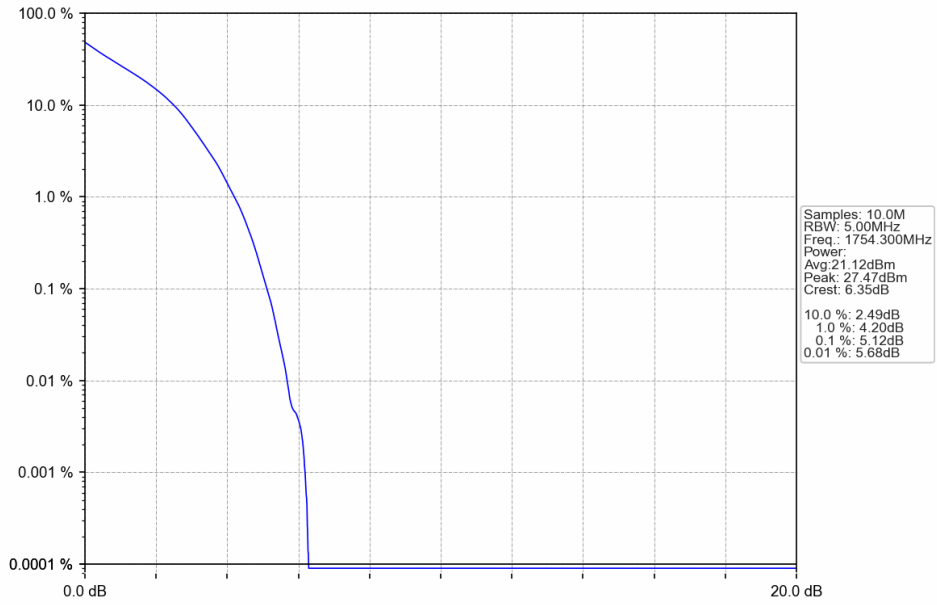
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



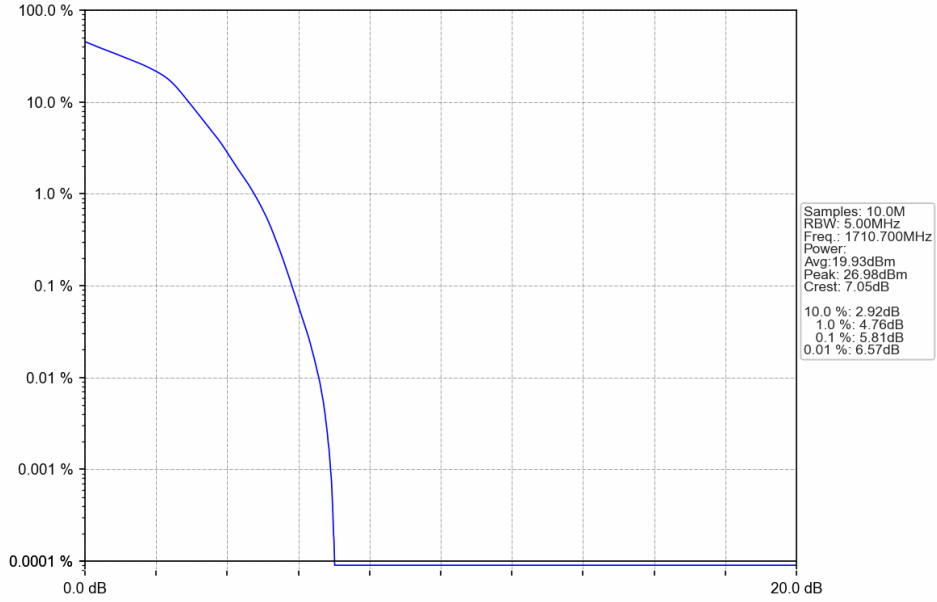
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



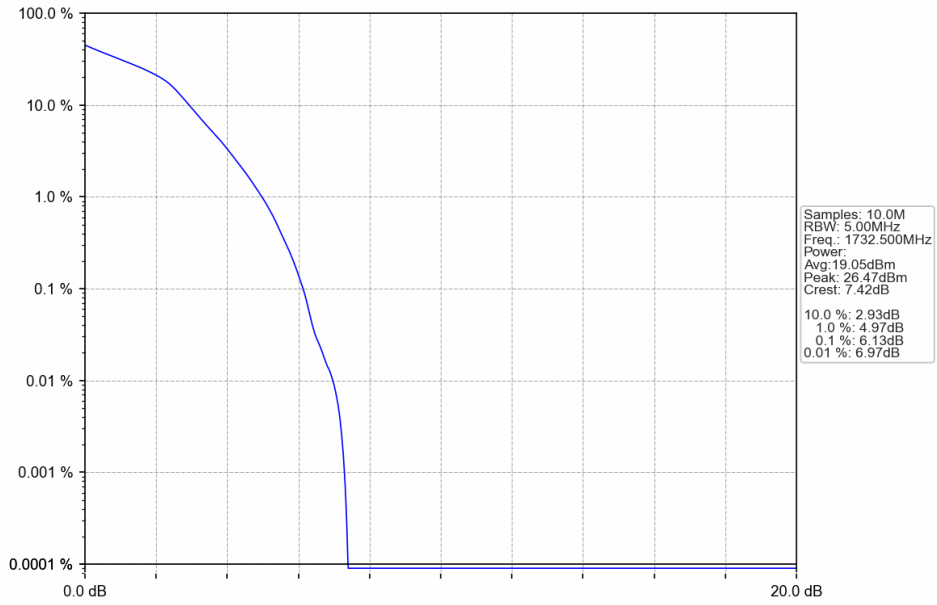
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



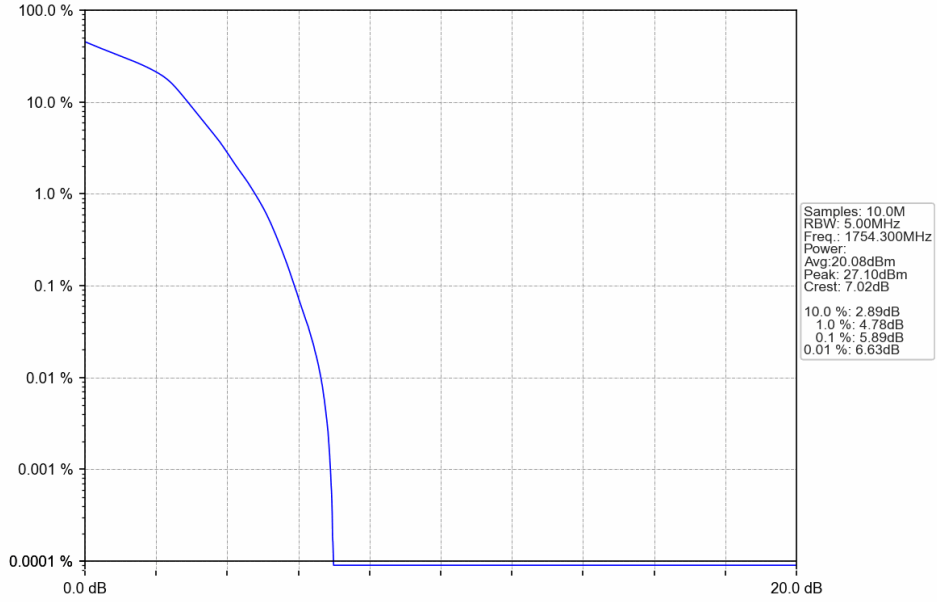
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



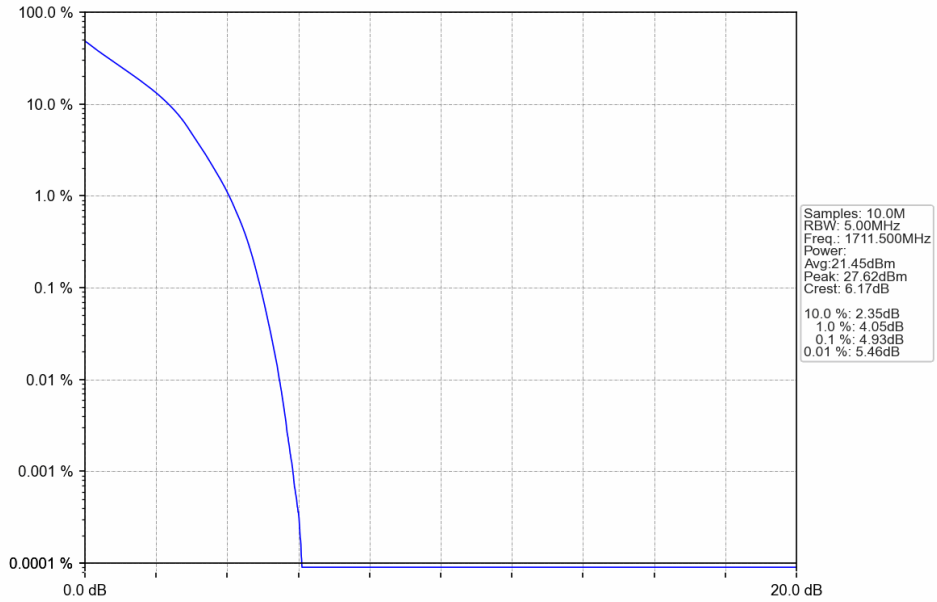
5.2 B4_3MHz

5.2.1 Test Result

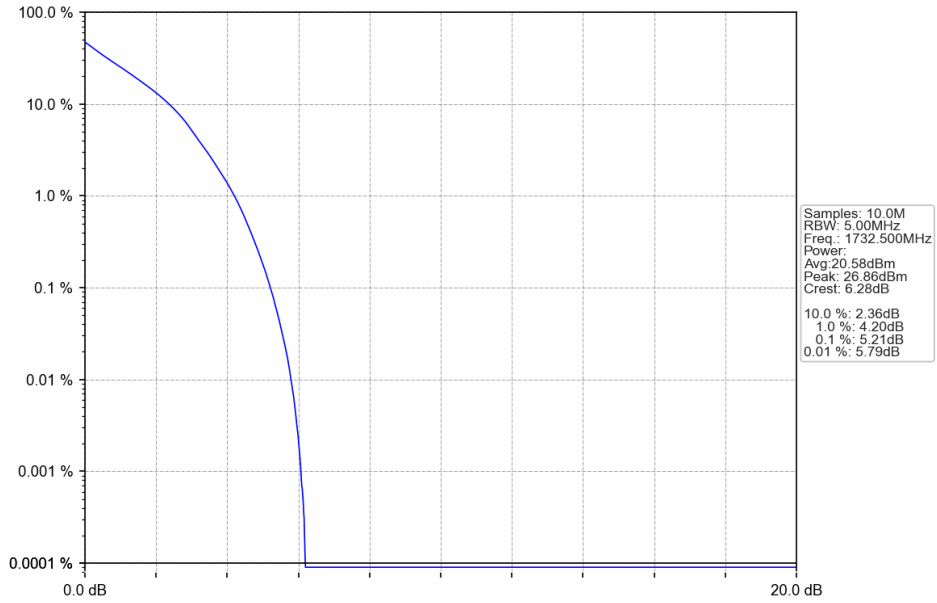
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.93	<=13	Pass
	1732.5	15	0	5.21	<=13	Pass
	1753.5	15	0	5.06	<=13	Pass
16QAM	1711.5	15	0	5.74	<=13	Pass
	1732.5	15	0	6.06	<=13	Pass
	1753.5	15	0	5.91	<=13	Pass

5.2.2 Test Graph

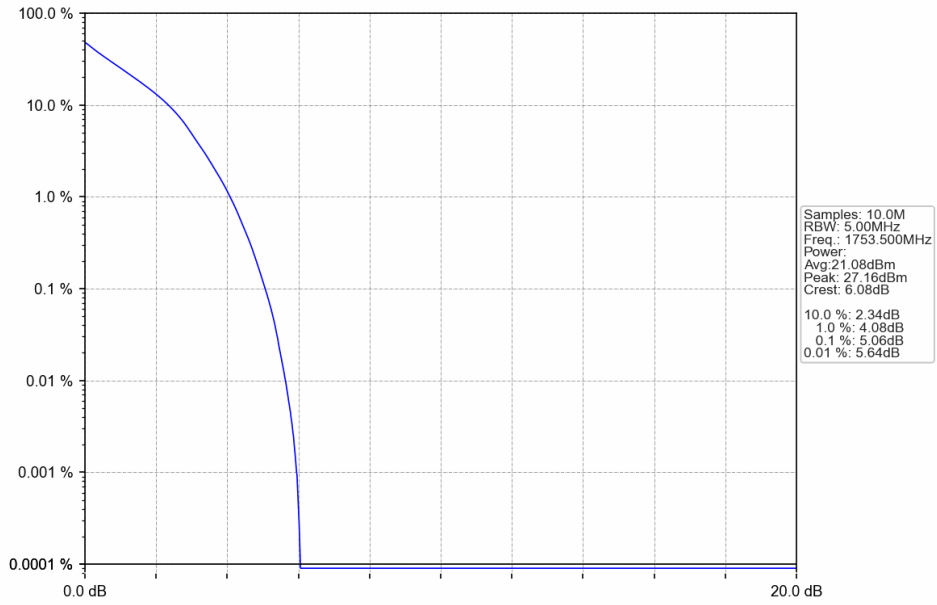
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



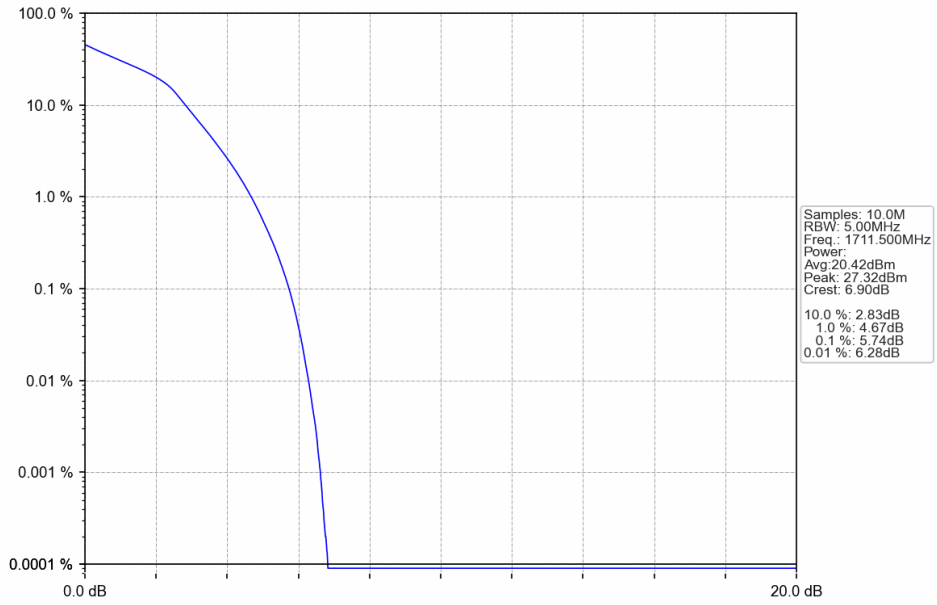
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



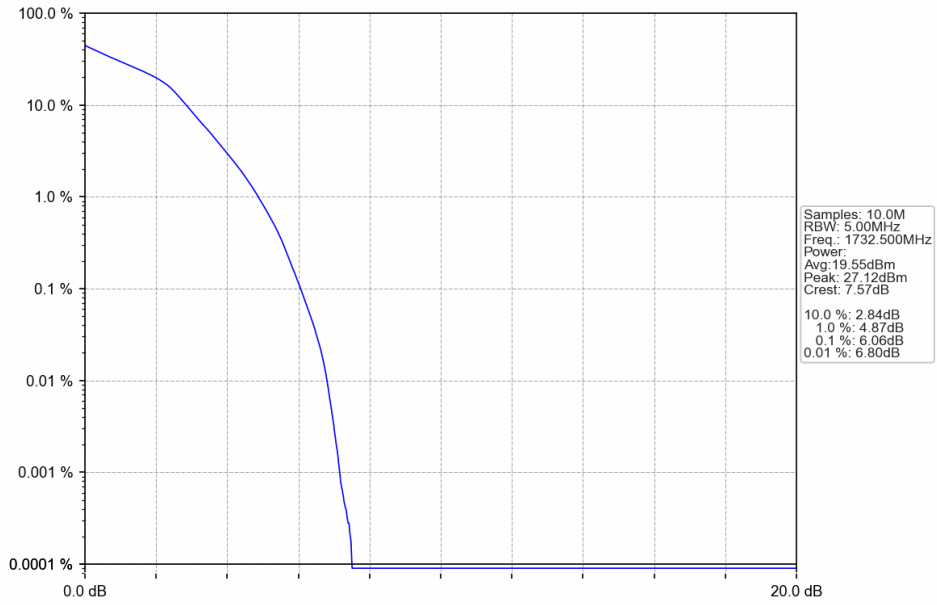
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



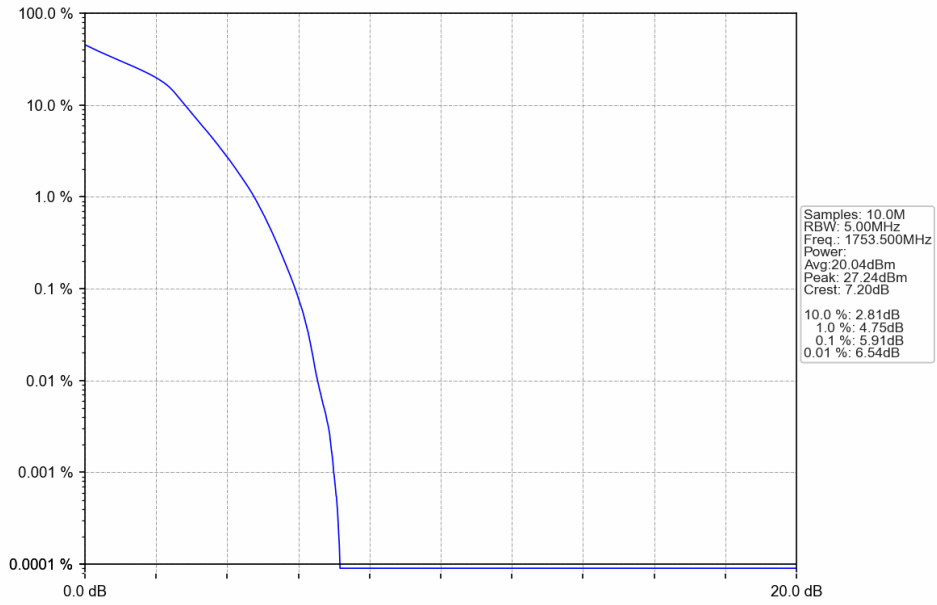
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



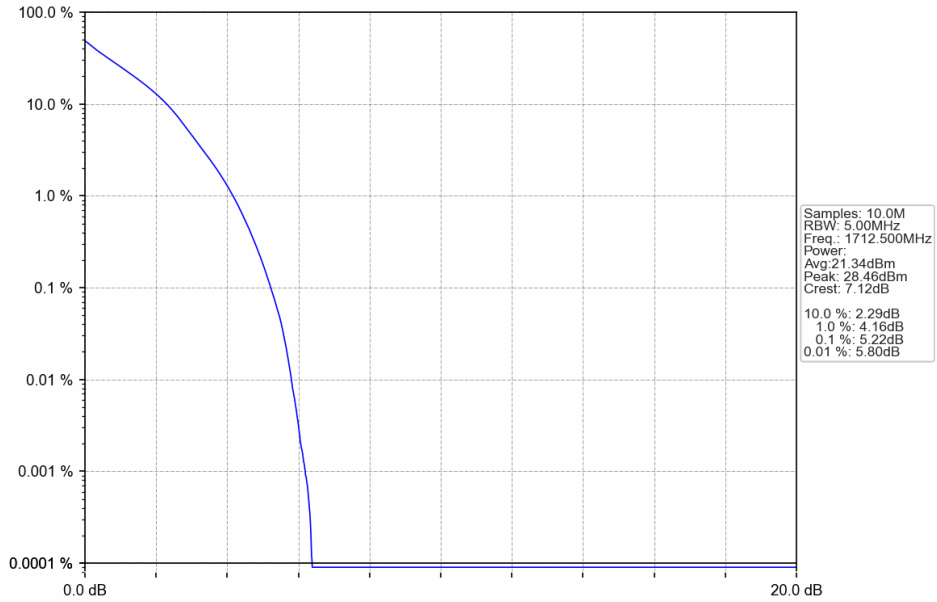
5.3 B4_5MHz

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	5.22	<=13	Pass
	1732.5	25	0	5.48	<=13	Pass
	1752.5	25	0	5.44	<=13	Pass
16QAM	1712.5	25	0	6.04	<=13	Pass
	1732.5	25	0	6.18	<=13	Pass
	1752.5	25	0	6.09	<=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