1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.34	-0.99	21.35	<=30	Pass
			2	22.53	-0.99	21.54	<=30	Pass
			5	22.46	-0.99	21.47	<=30	Pass
		3	0	22.42	-0.99	21.43	<=30	Pass
			2	22.47	-0.99	21.48	<=30	Pass
			3	22.43	-0.99	21.44	<=30	Pass
		6	0	21.42	-0.99	20.43	<=30	Pass
	1732.5	1	0	22.67	-0.99	21.68	<=30	Pass
			2	22.83	-0.99	21.84	<=30	Pass
			5	22.87	-0.99	21.88	<=30	Pass
		3	0	22.76	-0.99	21.77	<=30	Pass
			2	22.80	-0.99	21.81	<=30	Pass
			3	22.73	-0.99	21.74	<=30	Pass
		6	0	21.76	-0.99	20.77	<=30	Pass
	1754.3	1	0	23.07	-0.99	22.08	<=30	Pass
			2	23.10	-0.99	22.11	<=30	Pass
			5	23.05	-0.99	22.06	<=30	Pass
		3	0	23.08	-0.99	22.09	<=30	Pass
			2	23.13	-0.99	22.14	<=30	Pass
			3	23.08	-0.99	22.09	<=30	Pass
		6	0	22.14	-0.99	21.15	<=30	Pass
16QAM	1710.7	1	0	21.50	-0.99	20.51	<=30	Pass
			2	21.49	-0.99	20.50	<=30	Pass
			5	21.52	-0.99	20.53	<=30	Pass
		3	0	21.32	-0.99	20.33	<=30	Pass
			2	21.33	-0.99	20.34	<=30	Pass
			3	21.29	-0.99	20.30	<=30	Pass
		6	0	20.89	-0.99	19.90	<=30	Pass
	1732.5	1	0	22.53	-0.99	21.54	<=30	Pass
			2	22.46	-0.99	21.47	<=30	Pass
			5	22.51	-0.99	21.52	<=30	Pass
		3	0	21.92	-0.99	20.93	<=30	Pass
			2	21.99	-0.99	21.00	<=30	Pass
			3	21.94	-0.99	20.95	<=30	Pass
		6	0	21.29	-0.99	20.30	<=30	Pass
	1754.3	1	0	22.76	-0.99	21.77	<=30	Pass
			2	22.90	-0.99	21.91	<=30	Pass
			5	22.88	-0.99	21.89	<=30	Pass
		3	0	21.69	-0.99	20.70	<=30	Pass
			2	21.85	-0.99	20.86	<=30	Pass
			3	21.84	-0.99	20.85	<=30	Pass
		6	0	21.21	-0.99	20.22	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

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	22.41	-0.99	21.42	<=30	Pass
			7	22.40	-0.99	21.41	<=30	Pass
			14	22.44	-0.99	21.45	<=30	Pass
		8	0	21.43	-0.99	20.44	<=30	Pass
			4	21.43	-0.99	20.44	<=30	Pass
			7	21.45	-0.99	20.46	<=30	Pass
		15	0	21.35	-0.99	20.36	<=30	Pass
	1732.5	1	0	22.57	-0.99	21.58	<=30	Pass
			7	22.62	-0.99	21.63	<=30	Pass
			14	22.68	-0.99	21.69	<=30	Pass
		8	0	21.71	-0.99	20.72	<=30	Pass
			4	21.76	-0.99	20.77	<=30	Pass
			7	21.70	-0.99	20.71	<=30	Pass
		15	0	21.74	-0.99	20.75	<=30	Pass
	1753.5	1	0	22.89	-0.99	21.90	<=30	Pass
			7	22.94	-0.99	21.95	<=30	Pass
			14	22.92	-0.99	21.93	<=30	Pass
		8	0	22.00	-0.99	21.01	<=30	Pass
			4	21.93	-0.99	20.94	<=30	Pass
			7	22.12	-0.99	21.13	<=30	Pass
		15	0	21.91	-0.99	20.92	<=30	Pass
16QAM	1711.5	1	0	21.73	-0.99	20.74	<=30	Pass
			7	21.67	-0.99	20.68	<=30	Pass
			14	21.71	-0.99	20.72	<=30	Pass
		8	0	20.96	-0.99	19.97	<=30	Pass
			4	21.02	-0.99	20.03	<=30	Pass
			7	20.69	-0.99	19.70	<=30	Pass
		15	0	20.86	-0.99	19.87	<=30	Pass
	1732.5	1	0	22.99	-0.99	22.00	<=30	Pass
			7	22.41	-0.99	21.42	<=30	Pass
			14	22.44	-0.99	21.45	<=30	Pass
		8	0	20.73	-0.99	19.74	<=30	Pass
			4	21.21	-0.99	20.22	<=30	Pass
			7	21.29	-0.99	20.30	<=30	Pass
		15	0	21.21	-0.99	20.22	<=30	Pass
	1753.5	1	0	22.53	-0.99	21.54	<=30	Pass
			7	22.59	-0.99	21.60	<=30	Pass
			14	22.65	-0.99	21.66	<=30	Pass
		8	0	21.60	-0.99	20.61	<=30	Pass
			4	21.62	-0.99	20.63	<=30	Pass
			7	21.19	-0.99	20.20	<=30	Pass
		15	0	21.40	-0.99	20.41	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.29	-0.99	21.30	<=30	Pass
			13	22.30	-0.99	21.31	<=30	Pass
			24	22.35	-0.99	21.36	<=30	Pass
		12	0	21.39	-0.99	20.40	<=30	Pass
			6	21.40	-0.99	20.41	<=30	Pass
			13	21.47	-0.99	20.48	<=30	Pass

		25	0	21.36	-0.99	20.37	<=30	Pass
	1732.5	1	0	22.64	-0.99	21.65	<=30	Pass
			13	22.65	-0.99	21.66	<=30	Pass
			24	22.67	-0.99	21.68	<=30	Pass
		12	0	21.72	-0.99	20.73	<=30	Pass
			6	21.65	-0.99	20.66	<=30	Pass
			13	21.64	-0.99	20.65	<=30	Pass
		25	0	21.68	-0.99	20.69	<=30	Pass
	1752.5	1	0	22.98	-0.99	21.99	<=30	Pass
			13	23.01	-0.99	22.02	<=30	Pass
			24	23.03	-0.99	22.04	<=30	Pass
		12	0	22.09	-0.99	21.10	<=30	Pass
			6	22.02	-0.99	21.03	<=30	Pass
			13	22.04	-0.99	21.05	<=30	Pass
		25	0	21.95	-0.99	20.96	<=30	Pass
16QAM	1712.5	1	0	24.02	-0.99	23.03	<=30	Pass
			13	21.97	-0.99	20.98	<=30	Pass
			24	22.06	-0.99	21.07	<=30	Pass
		12	0	20.83	-0.99	19.84	<=30	Pass
			6	20.53	-0.99	19.54	<=30	Pass
			13	20.52	-0.99	19.53	<=30	Pass
		25	0	20.57	-0.99	19.58	<=30	Pass
	1732.5	1	0	22.27	-0.99	21.28	<=30	Pass
			13	22.32	-0.99	21.33	<=30	Pass
			24	22.36	-0.99	21.37	<=30	Pass
		12	0	20.67	-0.99	19.68	<=30	Pass
			6	21.08	-0.99	20.09	<=30	Pass
			13	21.10	-0.99	20.11	<=30	Pass
		25	0	21.07	-0.99	20.08	<=30	Pass
	1752.5	1	0	23.44	-0.99	22.45	<=30	Pass
			13	23.60	-0.99	22.61	<=30	Pass
			24	21.89	-0.99	20.90	<=30	Pass
		12	0	21.04	-0.99	20.05	<=30	Pass
			6	21.42	-0.99	20.43	<=30	Pass
			13	21.40	-0.99	20.41	<=30	Pass
		25	0	21.44	-0.99	20.45	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.36	-0.99	21.37	<=30	Pass
			25	22.43	-0.99	21.44	<=30	Pass
			49	22.51	-0.99	21.52	<=30	Pass
		25	0	21.46	-0.99	20.47	<=30	Pass
			13	21.36	-0.99	20.37	<=30	Pass
			25	21.39	-0.99	20.40	<=30	Pass
		50	0	21.44	-0.99	20.45	<=30	Pass
	1732.5	1	0	22.67	-0.99	21.68	<=30	Pass
			25	22.75	-0.99	21.76	<=30	Pass
			49	22.87	-0.99	21.88	<=30	Pass
		25	0	21.70	-0.99	20.71	<=30	Pass
			13	21.63	-0.99	20.64	<=30	Pass
			25	21.77	-0.99	20.78	<=30	Pass
		50	0	21.70	-0.99	20.71	<=30	Pass

	1750	1	0	22.97	-0.99	21.98	<=30	Pass
			25	23.06	-0.99	22.07	<=30	Pass
			49	23.00	-0.99	22.01	<=30	Pass
		25	0	21.91	-0.99	20.92	<=30	Pass
			13	22.09	-0.99	21.10	<=30	Pass
			25	21.94	-0.99	20.95	<=30	Pass
		50	0	22.15	-0.99	21.16	<=30	Pass
16QAM	1715	1	0	21.46	-0.99	20.47	<=30	Pass
			25	21.44	-0.99	20.45	<=30	Pass
			49	21.56	-0.99	20.57	<=30	Pass
		25	0	20.62	-0.99	19.63	<=30	Pass
			13	20.71	-0.99	19.72	<=30	Pass
			25	20.81	-0.99	19.82	<=30	Pass
		50	0	20.59	-0.99	19.60	<=30	Pass
	1732.5	1	0	22.86	-0.99	21.87	<=30	Pass
			25	22.92	-0.99	21.93	<=30	Pass
			49	23.14	-0.99	22.15	<=30	Pass
		25	0	20.74	-0.99	19.75	<=30	Pass
			13	21.12	-0.99	20.13	<=30	Pass
			25	21.16	-0.99	20.17	<=30	Pass
		50	0	21.17	-0.99	20.18	<=30	Pass
	1750	1	0	22.93	-0.99	21.94	<=30	Pass
			25	22.80	-0.99	21.81	<=30	Pass
			49	22.93	-0.99	21.94	<=30	Pass
		25	0	21.46	-0.99	20.47	<=30	Pass
			13	21.20	-0.99	20.21	<=30	Pass
			25	21.39	-0.99	20.40	<=30	Pass
		50	0	21.20	-0.99	20.21	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.19	-0.99	21.20	<=30	Pass
			38	22.35	-0.99	21.36	<=30	Pass
			74	22.46	-0.99	21.47	<=30	Pass
		36	0	21.40	-0.99	20.41	<=30	Pass
			18	21.39	-0.99	20.40	<=30	Pass
			39	21.48	-0.99	20.49	<=30	Pass
		75	0	21.40	-0.99	20.41	<=30	Pass
	1732.5	1	0	22.61	-0.99	21.62	<=30	Pass
			38	22.81	-0.99	21.82	<=30	Pass
			74	22.96	-0.99	21.97	<=30	Pass
		36	0	21.64	-0.99	20.65	<=30	Pass
			18	21.74	-0.99	20.75	<=30	Pass
			39	21.75	-0.99	20.76	<=30	Pass
		75	0	21.72	-0.99	20.73	<=30	Pass
	1747.5	1	0	22.85	-0.99	21.86	<=30	Pass
			38	23.03	-0.99	22.04	<=30	Pass
			74	23.00	-0.99	22.01	<=30	Pass
		36	0	22.11	-0.99	21.12	<=30	Pass
			18	21.98	-0.99	20.99	<=30	Pass
			39	22.06	-0.99	21.07	<=30	Pass
		75	0	21.87	-0.99	20.88	<=30	Pass
16QAM	1717.5	1	0	22.16	-0.99	21.17	<=30	Pass

			38	22.22	-0.99	21.23	<=30	Pass
			74	22.38	-0.99	21.39	<=30	Pass
		36	0	20.54	-0.99	19.55	<=30	Pass
			18	20.71	-0.99	19.72	<=30	Pass
			39	21.02	-0.99	20.03	<=30	Pass
		75	0	20.67	-0.99	19.68	<=30	Pass
	1732.5	1	0	22.18	-0.99	21.19	<=30	Pass
			38	22.43	-0.99	21.44	<=30	Pass
			74	22.57	-0.99	21.58	<=30	Pass
		36	0	20.86	-0.99	19.87	<=30	Pass
			18	21.25	-0.99	20.26	<=30	Pass
			39	20.97	-0.99	19.98	<=30	Pass
		75	0	21.11	-0.99	20.12	<=30	Pass
	1747.5	1	0	22.59	-0.99	21.60	<=30	Pass
			38	22.71	-0.99	21.72	<=30	Pass
			74	22.87	-0.99	21.88	<=30	Pass
		36	0	21.36	-0.99	20.37	<=30	Pass
			18	21.37	-0.99	20.38	<=30	Pass
			39	21.13	-0.99	20.14	<=30	Pass
		75	0	21.35	-0.99	20.36	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.45	-0.99	21.46	<=30	Pass
			50	22.54	-0.99	21.55	<=30	Pass
			99	22.66	-0.99	21.67	<=30	Pass
		50	0	21.42	-0.99	20.43	<=30	Pass
			25	21.64	-0.99	20.65	<=30	Pass
			50	21.67	-0.99	20.68	<=30	Pass
		100	0	21.60	-0.99	20.61	<=30	Pass
	1732.5	1	0	22.52	-0.99	21.53	<=30	Pass
			50	22.87	-0.99	21.88	<=30	Pass
			99	23.07	-0.99	22.08	<=30	Pass
		50	0	21.71	-0.99	20.72	<=30	Pass
			25	21.71	-0.99	20.72	<=30	Pass
			50	21.94	-0.99	20.95	<=30	Pass
		100	0	21.79	-0.99	20.80	<=30	Pass
	1745	1	0	22.95	-0.99	21.96	<=30	Pass
			50	23.16	-0.99	22.17	<=30	Pass
			99	23.25	-0.99	22.26	<=30	Pass
		50	0	21.75	-0.99	20.76	<=30	Pass
			25	22.16	-0.99	21.17	<=30	Pass
			50	22.05	-0.99	21.06	<=30	Pass
		100	0	22.29	-0.99	21.30	<=30	Pass
16QAM	1720	1	0	22.65	-0.99	21.66	<=30	Pass
			50	22.71	-0.99	21.72	<=30	Pass
			99	22.82	-0.99	21.83	<=30	Pass
		50	0	20.51	-0.99	19.52	<=30	Pass
			25	20.51	-0.99	19.52	<=30	Pass
			50	20.99	-0.99	20.00	<=30	Pass
		100	0	20.55	-0.99	19.56	<=30	Pass
	1732.5	1	0	22.27	-0.99	21.28	<=30	Pass
			50	22.60	-0.99	21.61	<=30	Pass

			99	22.68	-0.99	21.69	<=30	Pass
		50	0	20.96	-0.99	19.97	<=30	Pass
			25	21.05	-0.99	20.06	<=30	Pass
			50	20.85	-0.99	19.86	<=30	Pass
		100	0	21.00	-0.99	20.01	<=30	Pass
	1745	1	0	21.82	-0.99	20.83	<=30	Pass
			50	24.64	-0.99	23.65	<=30	Pass
			99	22.48	-0.99	21.49	<=30	Pass
		50	0	21.04	-0.99	20.05	<=30	Pass
			25	23.31	-0.99	22.32	<=30	Pass
			50	23.45	-0.99	22.46	<=30	Pass
		100	0	23.29	-0.99	22.30	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

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	-16.537	-0.0097	-2.5 to 2.5	Pass
					3.85	-25.349	-0.0148	-2.5 to 2.5	Pass
					4.43	-24.033	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-33.646	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-5.736	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-18.754	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-15.249	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-18.883	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-36.435	-0.0213	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-13.704	-0.0080	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	33.002	0.0190	-2.5 to 2.5	Pass
					3.85	22.974	0.0133	-2.5 to 2.5	Pass
					4.43	6.638	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-12.002	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-26.536	-0.0153	-2.5 to 2.5	Pass
				-10	3.85	-7.896	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-17.066	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-26.078	-0.0151	-2.5 to 2.5	Pass
				30	3.85	-34.719	-0.0200	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-12.217	-0.0071	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-23.489	-0.0134	-2.5 to 2.5	Pass
					3.85	-30.484	-0.0174	-2.5 to 2.5	Pass
					4.43	-39.096	-0.0223	-2.5 to 2.5	Pass
				-30	3.85	-33.274	-0.0190	-2.5 to 2.5	Pass
				-20	3.85	-16.994	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-29.898	-0.0170	-2.5 to 2.5	Pass
				0	3.85	-30.484	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-16.279	-0.0093	-2.5 to 2.5	Pass
				30	3.85	6.208	0.0035	-2.5 to 2.5	Pass
				40	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-22.402	-0.0128	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-12.617	-0.0074	-2.5 to 2.5	Pass
					3.85	-28.281	-0.0165	-2.5 to 2.5	Pass
					4.43	-16.479	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-33.174	-0.0194	-2.5 to 2.5	Pass
				-20	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-39.010	-0.0228	-2.5 to 2.5	Pass
				0	3.85	-27.680	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-32.444	-0.0190	-2.5 to 2.5	Pass
				30	3.85	-25.606	-0.0150	-2.5 to 2.5	Pass
				40	3.85	-9.584	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-30.255	-0.0177	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-27.380	-0.0158	-2.5 to 2.5	Pass
					3.85	-34.547	-0.0199	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-13.375	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-22.645	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-29.912	-0.0173	-2.5 to 2.5	Pass
				10	3.85	-36.535	-0.0211	-2.5 to 2.5	Pass
				30	3.85	5.822	0.0034	-2.5 to 2.5	Pass
				40	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-9.384	-0.0054	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-33.531	-0.0191	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
					4.43	-12.875	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-23.818	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-36.135	-0.0206	-2.5 to 2.5	Pass
				-10	3.85	-45.075	-0.0257	-2.5 to 2.5	Pass
				0	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-17.538	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-23.274	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-28.052	-0.0160	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

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	-9.055	-0.0053	-2.5 to 2.5	Pass
					3.85	-36.464	-0.0213	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-16.351	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-17.467	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-18.311	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-34.261	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-11.559	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-11.129	-0.0065	-2.5 to 2.5	Pass
				40	3.85	5.279	0.0031	-2.5 to 2.5	Pass
				50	3.85	-34.289	-0.0200	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	34.289	0.0198	-2.5 to 2.5	Pass
					3.85	36.535	0.0211	-2.5 to 2.5	Pass
					4.43	34.332	0.0198	-2.5 to 2.5	Pass
				-30	3.85	24.490	0.0141	-2.5 to 2.5	Pass
				-20	3.85	14.791	0.0085	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass

				10	3.85	-8.812	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-16.780	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-20.370	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-28.567	-0.0165	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	32.229	0.0184	-2.5 to 2.5	Pass
					3.85	24.004	0.0137	-2.5 to 2.5	Pass
					4.43	23.189	0.0132	-2.5 to 2.5	Pass
				-30	3.85	18.840	0.0107	-2.5 to 2.5	Pass
				-20	3.85	11.358	0.0065	-2.5 to 2.5	Pass
				-10	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-15.278	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-22.416	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-25.978	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-30.527	-0.0174	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-37.408	-0.0219	-2.5 to 2.5	Pass
					3.85	-12.889	-0.0075	-2.5 to 2.5	Pass
					4.43	-6.509	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	14.291	0.0083	-2.5 to 2.5	Pass
				-20	3.85	-13.390	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-32.187	-0.0188	-2.5 to 2.5	Pass
				0	3.85	-8.297	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-29.283	-0.0171	-2.5 to 2.5	Pass
				30	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-20.285	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-32.172	-0.0188	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-32.187	-0.0186	-2.5 to 2.5	Pass
					3.85	0.787	0.0005	-2.5 to 2.5	Pass
					4.43	6.709	0.0039	-2.5 to 2.5	Pass
				-30	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-37.594	-0.0214	-2.5 to 2.5	Pass
					3.85	-36.078	-0.0206	-2.5 to 2.5	Pass
					4.43	-31.643	-0.0180	-2.5 to 2.5	Pass
				-30	3.85	-34.761	-0.0198	-2.5 to 2.5	Pass
				-20	3.85	-38.280	-0.0218	-2.5 to 2.5	Pass
				-10	3.85	-38.881	-0.0222	-2.5 to 2.5	Pass
				0	3.85	-34.218	-0.0195	-2.5 to 2.5	Pass
				10	3.85	-36.879	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-37.522	-0.0214	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

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	-1.845	-0.0011	-2.5 to 2.5	Pass
					3.85	-26.307	-0.0154	-2.5 to 2.5	Pass
					4.43	-28.410	-0.0166	-2.5 to 2.5	Pass

				-30	3.85	-43.187	-0.0252	-2.5 to 2.5	Pass
				-20	3.85	-12.674	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-23.704	-0.0138	-2.5 to 2.5	Pass
				0	3.85	6.666	0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-34.990	-0.0204	-2.5 to 2.5	Pass
				40	3.85	-13.347	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-41.170	-0.0240	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	10.357	0.0060	-2.5 to 2.5	Pass
					3.85	4.663	0.0027	-2.5 to 2.5	Pass
					4.43	0.787	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-8.912	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-16.580	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-18.568	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-22.359	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-30.956	-0.0179	-2.5 to 2.5	Pass
				40	3.85	-32.201	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-38.066	-0.0220	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	17.853	0.0102	-2.5 to 2.5	Pass
					3.85	11.287	0.0064	-2.5 to 2.5	Pass
					4.43	3.862	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-9.527	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-15.020	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-19.526	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-20.771	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-23.375	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-31.071	-0.0177	-2.5 to 2.5	Pass
				50	3.85	-38.753	-0.0221	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-18.940	-0.0111	-2.5 to 2.5	Pass
					3.85	-32.301	-0.0189	-2.5 to 2.5	Pass
					4.43	-8.540	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-13.704	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-20.041	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-24.676	-0.0144	-2.5 to 2.5	Pass
				0	3.85	-28.524	-0.0167	-2.5 to 2.5	Pass
				10	3.85	-32.129	-0.0188	-2.5 to 2.5	Pass
				30	3.85	-42.758	-0.0250	-2.5 to 2.5	Pass
				40	3.85	-44.746	-0.0261	-2.5 to 2.5	Pass
				50	3.85	-9.770	-0.0057	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-42.071	-0.0243	-2.5 to 2.5	Pass
					3.85	-37.079	-0.0214	-2.5 to 2.5	Pass
					4.43	-33.445	-0.0193	-2.5 to 2.5	Pass
				-30	3.85	-30.212	-0.0174	-2.5 to 2.5	Pass
				-20	3.85	-33.188	-0.0192	-2.5 to 2.5	Pass
				-10	3.85	-28.625	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-25.992	-0.0150	-2.5 to 2.5	Pass
				10	3.85	-18.110	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-23.675	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-18.854	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-22.058	-0.0127	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-45.877	-0.0262	-2.5 to 2.5	Pass
					3.85	-46.091	-0.0263	-2.5 to 2.5	Pass
					4.43	-40.212	-0.0229	-2.5 to 2.5	Pass
				-30	3.85	-38.838	-0.0222	-2.5 to 2.5	Pass
				-20	3.85	-35.377	-0.0202	-2.5 to 2.5	Pass
				-10	3.85	-36.836	-0.0210	-2.5 to 2.5	Pass
				0	3.85	-32.887	-0.0188	-2.5 to 2.5	Pass

				10	3.85	-33.975	-0.0194	-2.5 to 2.5	Pass
				30	3.85	-33.331	-0.0190	-2.5 to 2.5	Pass
				40	3.85	-38.009	-0.0217	-2.5 to 2.5	Pass
				50	3.85	-40.040	-0.0228	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

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	19.727	0.0115	-2.5 to 2.5	Pass
					3.85	14.334	0.0084	-2.5 to 2.5	Pass
					4.43	-14.162	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	6.638	0.0039	-2.5 to 2.5	Pass
				-20	3.85	-12.374	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-21.086	-0.0123	-2.5 to 2.5	Pass
				0	3.85	-33.989	-0.0198	-2.5 to 2.5	Pass
				10	3.85	-8.855	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-20.843	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-30.527	-0.0178	-2.5 to 2.5	Pass
				50	3.85	-34.404	-0.0201	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	27.766	0.0160	-2.5 to 2.5	Pass
					3.85	17.552	0.0101	-2.5 to 2.5	Pass
					4.43	11.015	0.0064	-2.5 to 2.5	Pass
				-30	3.85	8.612	0.0050	-2.5 to 2.5	Pass
				-20	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-9.756	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-10.700	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-9.742	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-16.494	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-18.582	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-17.867	-0.0103	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	18.811	0.0107	-2.5 to 2.5	Pass
					3.85	8.211	0.0047	-2.5 to 2.5	Pass
					4.43	0.644	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-13.504	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-19.455	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-27.180	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-11.516	-0.0066	-2.5 to 2.5	Pass
				30	3.85	38.223	0.0218	-2.5 to 2.5	Pass
				40	3.85	9.670	0.0055	-2.5 to 2.5	Pass
				50	3.85	33.803	0.0193	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-32.458	-0.0189	-2.5 to 2.5	Pass
					3.85	-25.120	-0.0146	-2.5 to 2.5	Pass
					4.43	-6.266	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-28.968	-0.0169	-2.5 to 2.5	Pass
				-20	3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-24.118	-0.0141	-2.5 to 2.5	Pass
				0	3.85	5.636	0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-20.027	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-29.383	-0.0171	-2.5 to 2.5	Pass
				50	3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-20.442	-0.0118	-2.5 to 2.5	Pass
					3.85	-18.668	-0.0108	-2.5 to 2.5	Pass
					4.43	-16.150	-0.0093	-2.5 to 2.5	Pass

				-30	3.85	-12.889	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-11.988	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-12.774	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-10.228	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-10.614	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-9.127	-0.0053	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	28.882	0.0165	-2.5 to 2.5	Pass
					3.85	6.895	0.0039	-2.5 to 2.5	Pass
					4.43	-0.944	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	21.472	0.0123	-2.5 to 2.5	Pass
				-20	3.85	30.670	0.0175	-2.5 to 2.5	Pass
				-10	3.85	25.620	0.0146	-2.5 to 2.5	Pass
				0	3.85	16.494	0.0094	-2.5 to 2.5	Pass
				10	3.85	32.487	0.0186	-2.5 to 2.5	Pass
				30	3.85	-19.698	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-38.352	-0.0219	-2.5 to 2.5	Pass
				50	3.85	-41.814	-0.0239	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

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	-17.595	-0.0102	-2.5 to 2.5	Pass
					3.85	-22.931	-0.0134	-2.5 to 2.5	Pass
					4.43	-29.283	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-16.537	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-25.821	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-21.114	-0.0123	-2.5 to 2.5	Pass
				0	3.85	-32.458	-0.0189	-2.5 to 2.5	Pass
				10	3.85	-34.418	-0.0200	-2.5 to 2.5	Pass
				30	3.85	-35.977	-0.0209	-2.5 to 2.5	Pass
				40	3.85	-31.629	-0.0184	-2.5 to 2.5	Pass
				50	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	42.801	0.0247	-2.5 to 2.5	Pass
					3.85	32.973	0.0190	-2.5 to 2.5	Pass
					4.43	27.208	0.0157	-2.5 to 2.5	Pass
				-30	3.85	24.791	0.0143	-2.5 to 2.5	Pass
				-20	3.85	22.659	0.0131	-2.5 to 2.5	Pass
				-10	3.85	19.612	0.0113	-2.5 to 2.5	Pass
				0	3.85	19.341	0.0112	-2.5 to 2.5	Pass
				10	3.85	9.999	0.0058	-2.5 to 2.5	Pass
				30	3.85	29.941	0.0173	-2.5 to 2.5	Pass
				40	3.85	39.496	0.0228	-2.5 to 2.5	Pass
				50	3.85	23.046	0.0133	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	2.375	0.0014	-2.5 to 2.5	Pass
					3.85	-29.426	-0.0168	-2.5 to 2.5	Pass
					4.43	-17.753	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-15.106	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-11.873	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-39.425	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-16.508	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-34.876	-0.0200	-2.5 to 2.5	Pass
				30	3.85	-42.186	-0.0241	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass

				50	3.85	-12.774	-0.0073	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-27.523	-0.0160	-2.5 to 2.5	Pass
					3.85	-38.080	-0.0222	-2.5 to 2.5	Pass
					4.43	-44.189	-0.0257	-2.5 to 2.5	Pass
				-30	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-12.674	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-16.608	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-24.390	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-31.686	-0.0184	-2.5 to 2.5	Pass
				30	3.85	-19.555	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-10.228	-0.0060	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	19.841	0.0115	-2.5 to 2.5	Pass
					3.85	16.451	0.0095	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	25.792	0.0149	-2.5 to 2.5	Pass
				-20	3.85	13.404	0.0077	-2.5 to 2.5	Pass
				-10	3.85	29.297	0.0169	-2.5 to 2.5	Pass
				0	3.85	13.533	0.0078	-2.5 to 2.5	Pass
				10	3.85	34.776	0.0201	-2.5 to 2.5	Pass
				30	3.85	21.343	0.0123	-2.5 to 2.5	Pass
				40	3.85	39.010	0.0225	-2.5 to 2.5	Pass
				50	3.85	-16.522	-0.0095	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-21.944	-0.0126	-2.5 to 2.5	Pass
					3.85	-21.057	-0.0120	-2.5 to 2.5	Pass
					4.43	-20.757	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-20.013	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-19.026	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-19.541	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-17.209	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-23.646	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-26.579	-0.0152	-2.5 to 2.5	Pass
				40	3.85	-30.198	-0.0173	-2.5 to 2.5	Pass
				50	3.85	-29.383	-0.0168	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

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	-11.172	-0.0065	-2.5 to 2.5	Pass
					3.85	-20.657	-0.0120	-2.5 to 2.5	Pass
					4.43	-25.306	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-13.103	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-11.187	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-12.774	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-17.037	-0.0099	-2.5 to 2.5	Pass
				30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.85	12.732	0.0074	-2.5 to 2.5	Pass
				50	3.85	29.755	0.0173	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	33.832	0.0195	-2.5 to 2.5	Pass
					3.85	18.897	0.0109	-2.5 to 2.5	Pass
					4.43	10.586	0.0061	-2.5 to 2.5	Pass
				-30	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-10.643	-0.0061	-2.5 to 2.5	Pass

				0	3.85	-14.262	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-19.498	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-24.405	-0.0141	-2.5 to 2.5	Pass
				40	3.85	-25.034	-0.0144	-2.5 to 2.5	Pass
				50	3.85	-27.652	-0.0160	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	16.150	0.0093	-2.5 to 2.5	Pass
					3.85	1.016	0.0006	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-13.447	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-18.053	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	26.736	0.0153	-2.5 to 2.5	Pass
				0	3.85	21.372	0.0122	-2.5 to 2.5	Pass
				10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.85	26.994	0.0155	-2.5 to 2.5	Pass
				40	3.85	19.484	0.0112	-2.5 to 2.5	Pass
				50	3.85	24.376	0.0140	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	11.730	0.0068	-2.5 to 2.5	Pass
					3.85	9.584	0.0056	-2.5 to 2.5	Pass
					4.43	20.027	0.0116	-2.5 to 2.5	Pass
				-30	3.85	32.873	0.0191	-2.5 to 2.5	Pass
				-20	3.85	5.879	0.0034	-2.5 to 2.5	Pass
				-10	3.85	-22.874	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-27.051	-0.0157	-2.5 to 2.5	Pass
				10	3.85	-14.005	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-31.600	-0.0184	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.85	-9.828	-0.0057	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-29.812	-0.0172	-2.5 to 2.5	Pass
					3.85	-27.294	-0.0158	-2.5 to 2.5	Pass
					4.43	-20.742	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-16.279	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-15.349	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-16.751	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-15.249	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-13.533	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-11.759	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-13.118	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-14.491	-0.0084	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	32.101	0.0184	-2.5 to 2.5	Pass
					3.85	24.548	0.0141	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-25.892	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-21.472	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-23.675	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-15.850	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-32.473	-0.0186	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-15.364	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-25.020	-0.0143	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

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 B4_3MHz

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

3.1.3 B4_5MHz

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

3.1.4 B4_10MHz

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

3.1.5 B4_15MHz

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

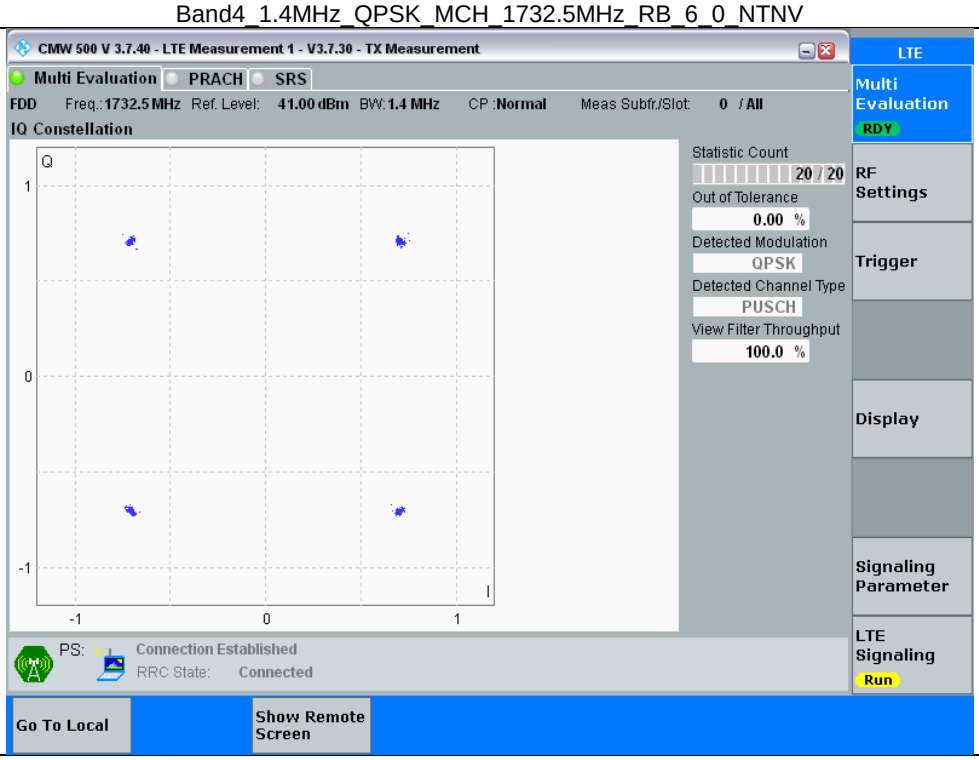
3.1.6 B4_20MHz

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

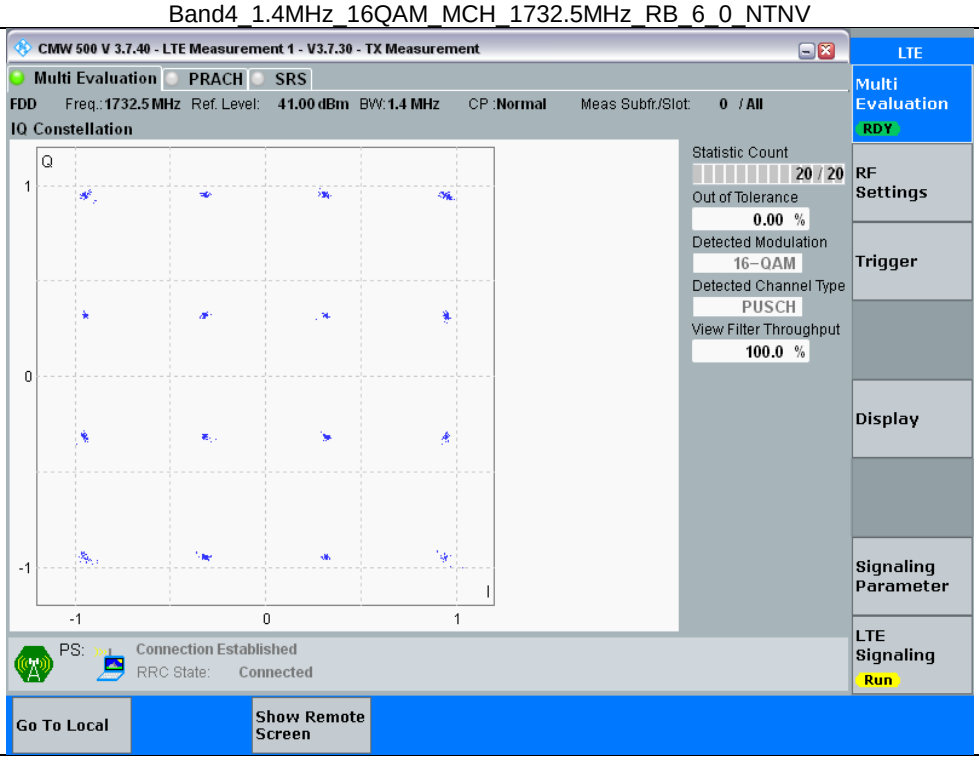
3.2 Test Graph

3.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

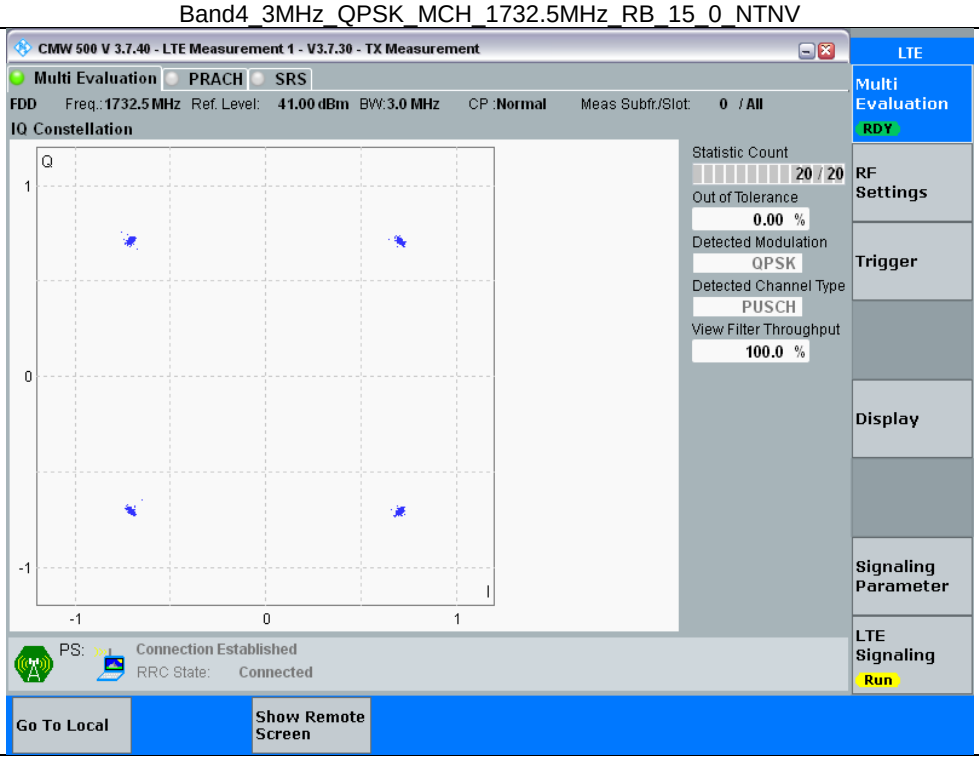


Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

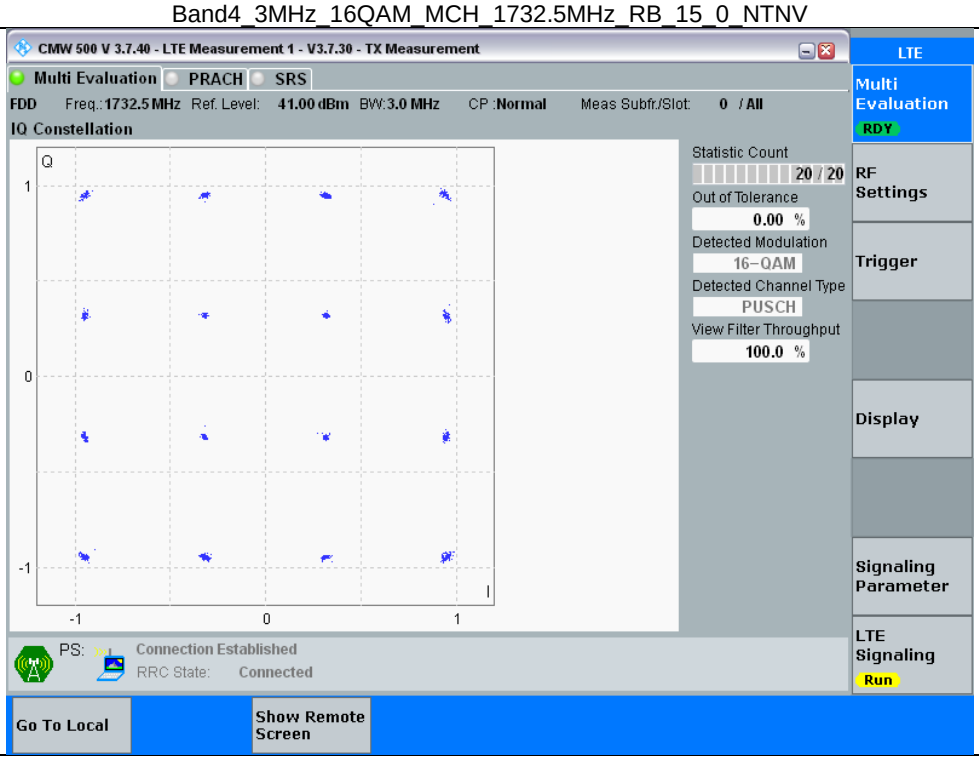


3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

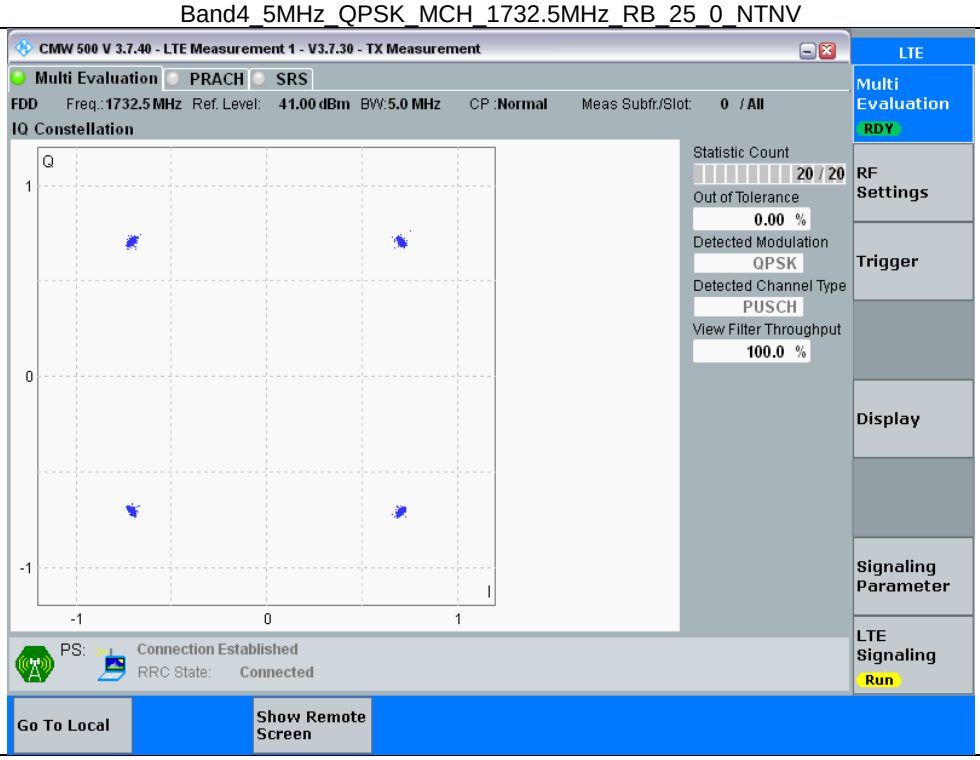


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

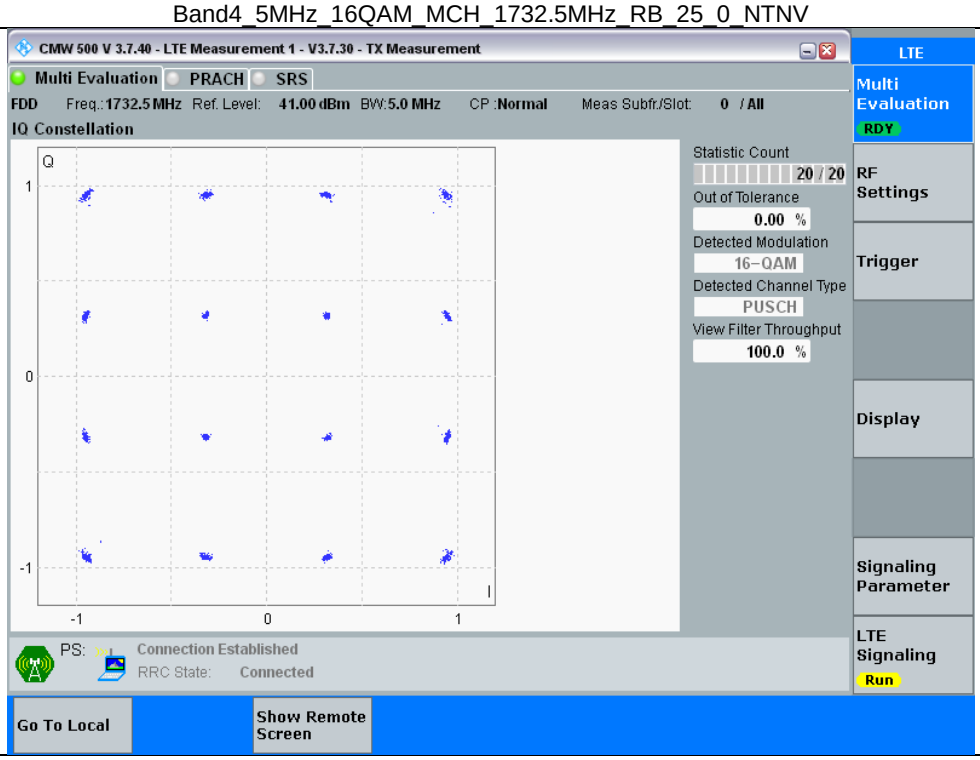


3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

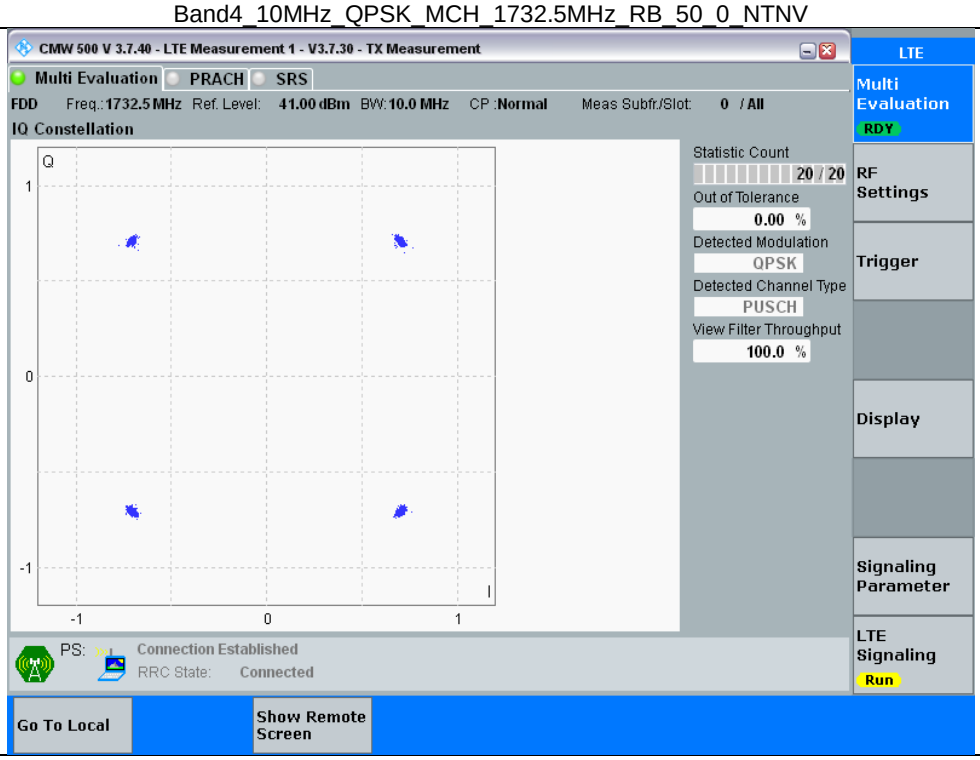


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

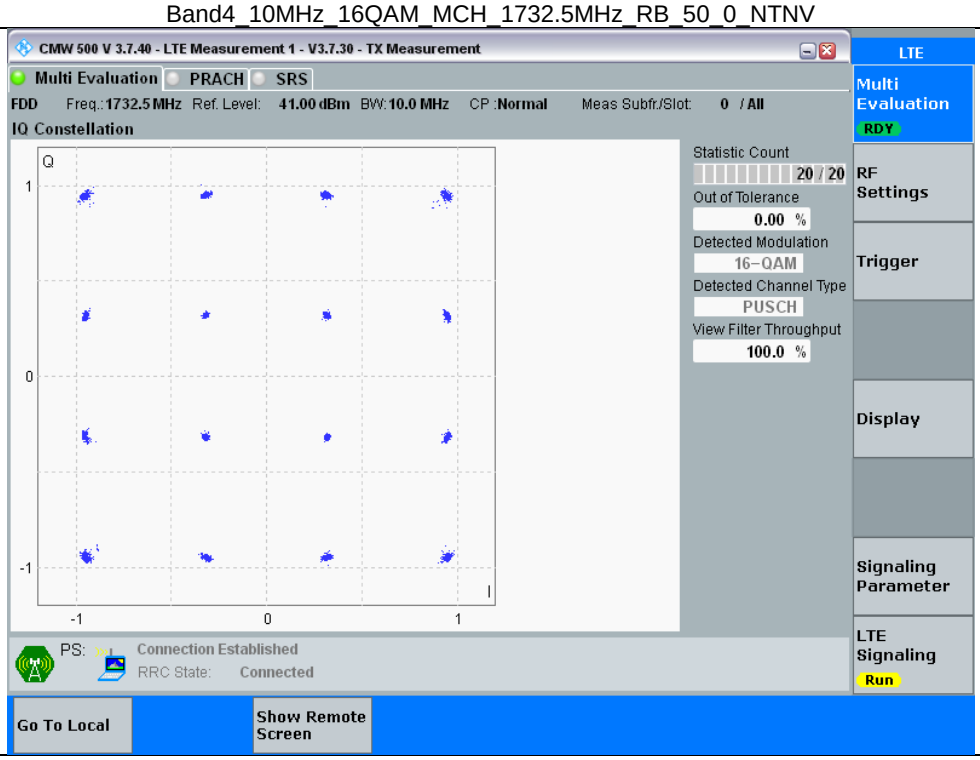


3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

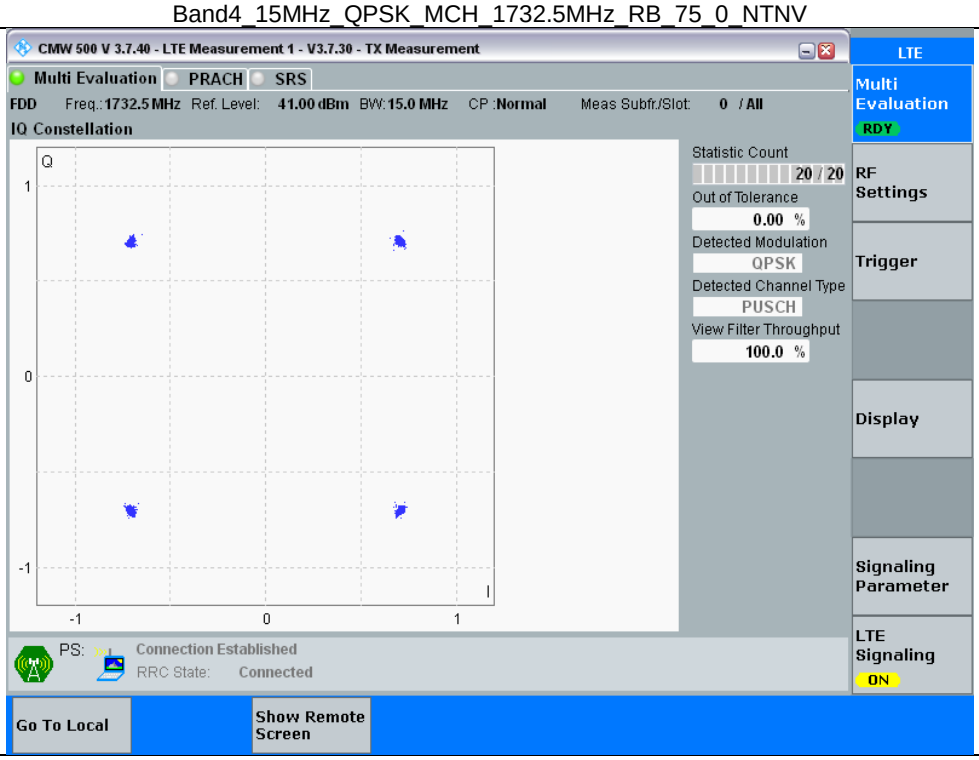


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

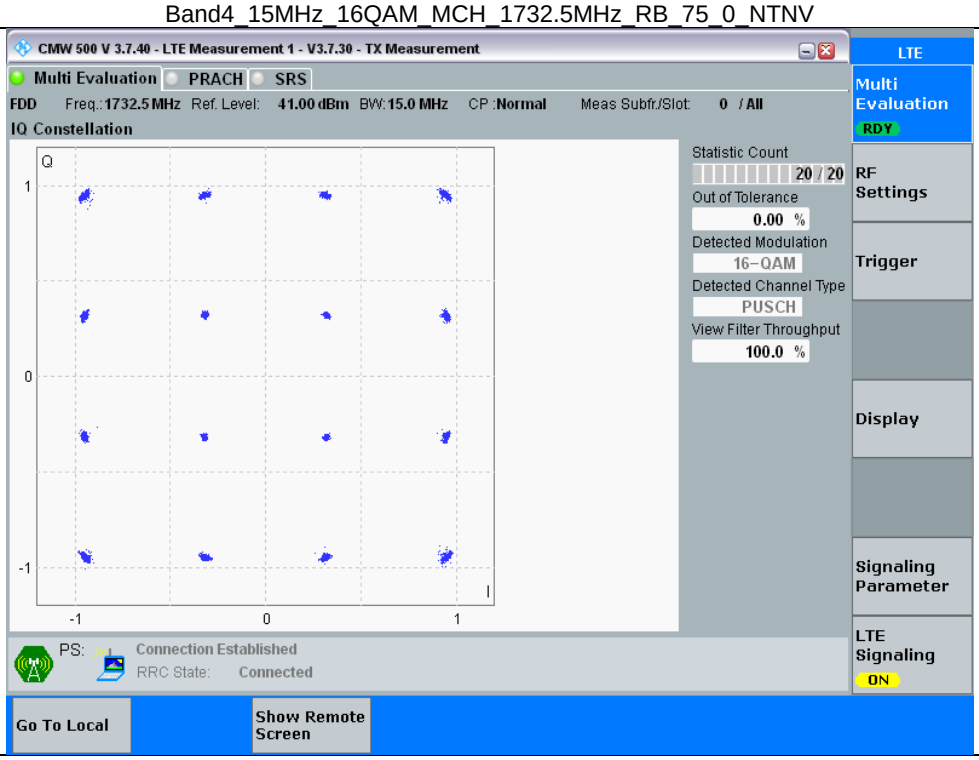


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

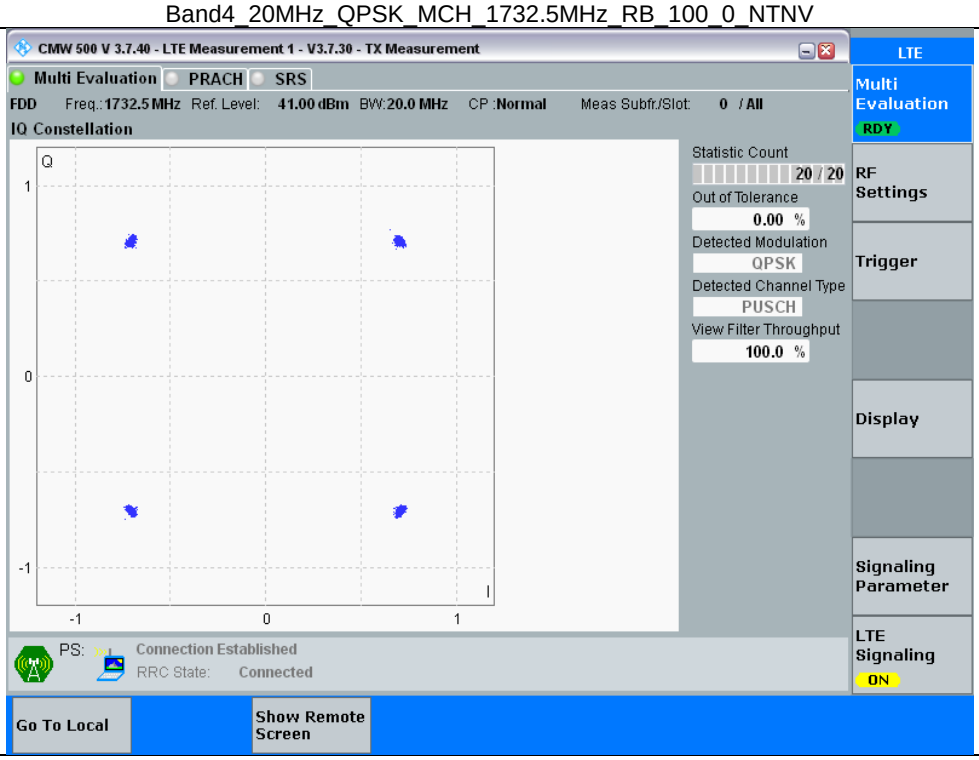


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

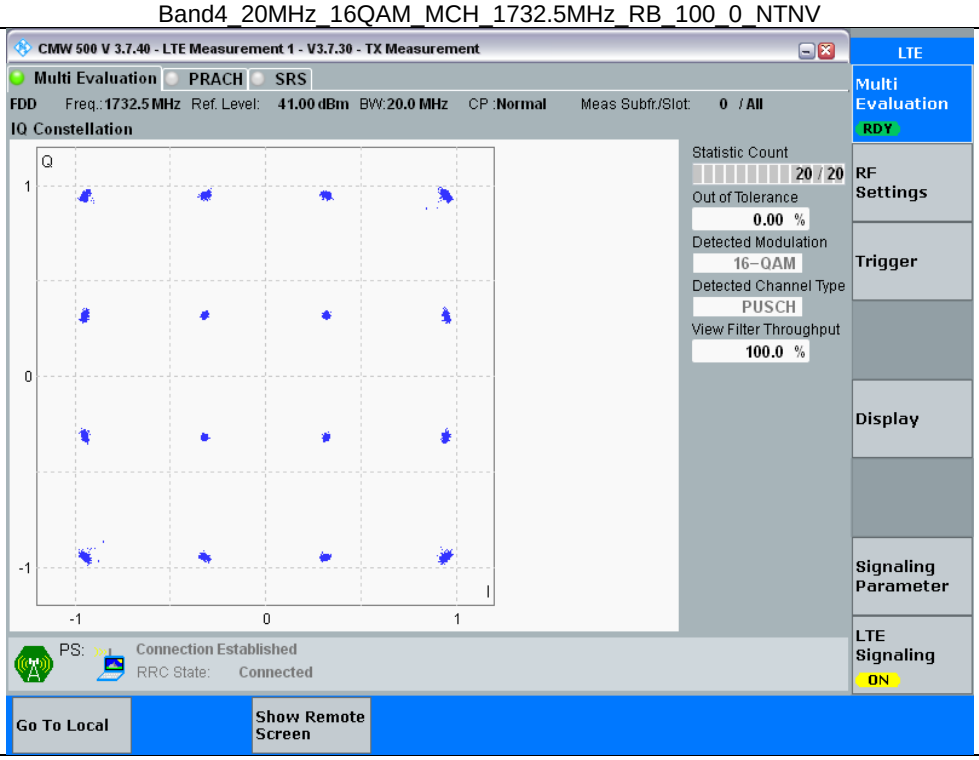


3.2.6 B4_20MHz

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 Test Result

4.1.1 Band4_OBW

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	1.116	/	Pass
		1732.5	6	0	1.107	/	Pass
		1754.3	6	0	1.117	/	Pass
	16QAM	1710.7	6	0	1.114	/	Pass
		1732.5	6	0	1.104	/	Pass
		1754.3	6	0	1.118	/	Pass
3	QPSK	1711.5	15	0	2.756	/	Pass
		1732.5	15	0	2.745	/	Pass
		1753.5	15	0	2.746	/	Pass
	16QAM	1711.5	15	0	2.753	/	Pass
		1732.5	15	0	2.755	/	Pass
		1753.5	15	0	2.754	/	Pass
5	QPSK	1712.5	25	0	4.548	/	Pass
		1732.5	25	0	4.557	/	Pass
		1752.5	25	0	4.564	/	Pass
	16QAM	1712.5	25	0	4.546	/	Pass
		1732.5	25	0	4.577	/	Pass
		1752.5	25	0	4.564	/	Pass
10	QPSK	1715	50	0	9.073	/	Pass
		1732.5	50	0	9.038	/	Pass
		1750	50	0	9.071	/	Pass
	16QAM	1715	50	0	9.086	/	Pass
		1732.5	50	0	9.063	/	Pass
		1750	50	0	9.085	/	Pass
15	QPSK	1717.5	75	0	13.624	/	Pass
		1732.5	75	0	13.558	/	Pass
		1747.5	75	0	13.630	/	Pass
	16QAM	1717.5	75	0	13.601	/	Pass
		1732.5	75	0	13.635	/	Pass
		1747.5	75	0	13.593	/	Pass
20	QPSK	1720	100	0	18.150	/	Pass
		1732.5	100	0	18.111	/	Pass
		1745	100	0	18.148	/	Pass
	16QAM	1720	100	0	18.198	/	Pass
		1732.5	100	0	18.132	/	Pass
		1745	100	0	18.171	/	Pass

4.1.2 Band4_XDB

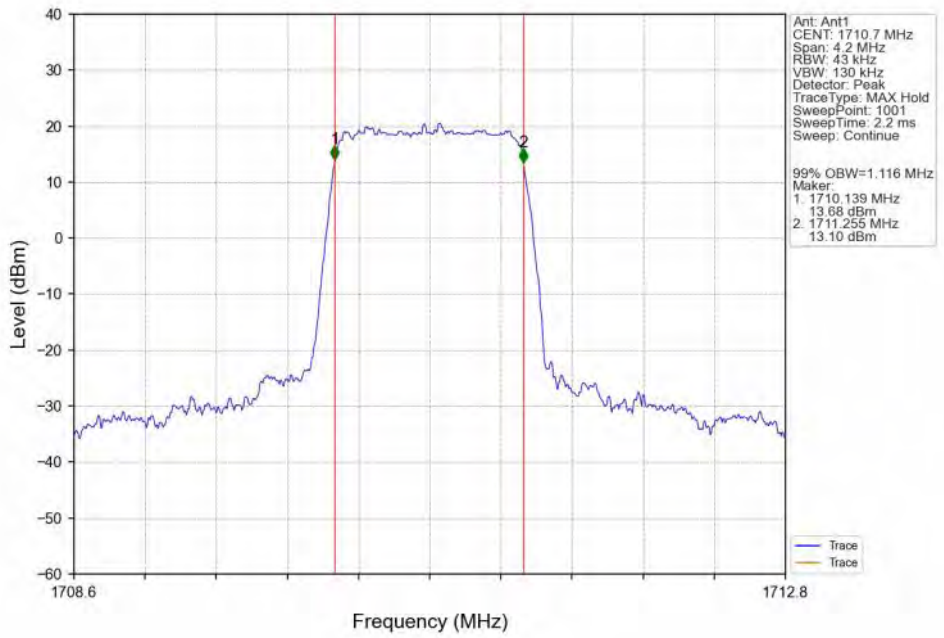
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.266	/	Pass
		1732.5	6	0	1.272	/	Pass
		1754.3	6	0	1.271	/	Pass

	16QAM	1710.7	6	0	1.277	/	Pass
		1732.5	6	0	1.271	/	Pass
		1754.3	6	0	1.264	/	Pass
3	QPSK	1711.5	15	0	3.085	/	Pass
		1732.5	15	0	3.080	/	Pass
		1753.5	15	0	3.110	/	Pass
	16QAM	1711.5	15	0	3.116	/	Pass
		1732.5	15	0	3.087	/	Pass
		1753.5	15	0	3.081	/	Pass
5	QPSK	1712.5	25	0	5.071	/	Pass
		1732.5	25	0	5.062	/	Pass
		1752.5	25	0	5.046	/	Pass
	16QAM	1712.5	25	0	5.082	/	Pass
		1732.5	25	0	5.059	/	Pass
		1752.5	25	0	5.055	/	Pass
10	QPSK	1715	50	0	10.058	/	Pass
		1732.5	50	0	9.991	/	Pass
		1750	50	0	10.097	/	Pass
	16QAM	1715	50	0	10.062	/	Pass
		1732.5	50	0	10.101	/	Pass
		1750	50	0	10.073	/	Pass
15	QPSK	1717.5	75	0	15.260	/	Pass
		1732.5	75	0	15.168	/	Pass
		1747.5	75	0	15.240	/	Pass
	16QAM	1717.5	75	0	15.212	/	Pass
		1732.5	75	0	15.138	/	Pass
		1747.5	75	0	15.181	/	Pass
20	QPSK	1720	100	0	20.072	/	Pass
		1732.5	100	0	19.916	/	Pass
		1745	100	0	19.974	/	Pass
	16QAM	1720	100	0	20.136	/	Pass
		1732.5	100	0	19.920	/	Pass
		1745	100	0	20.039	/	Pass

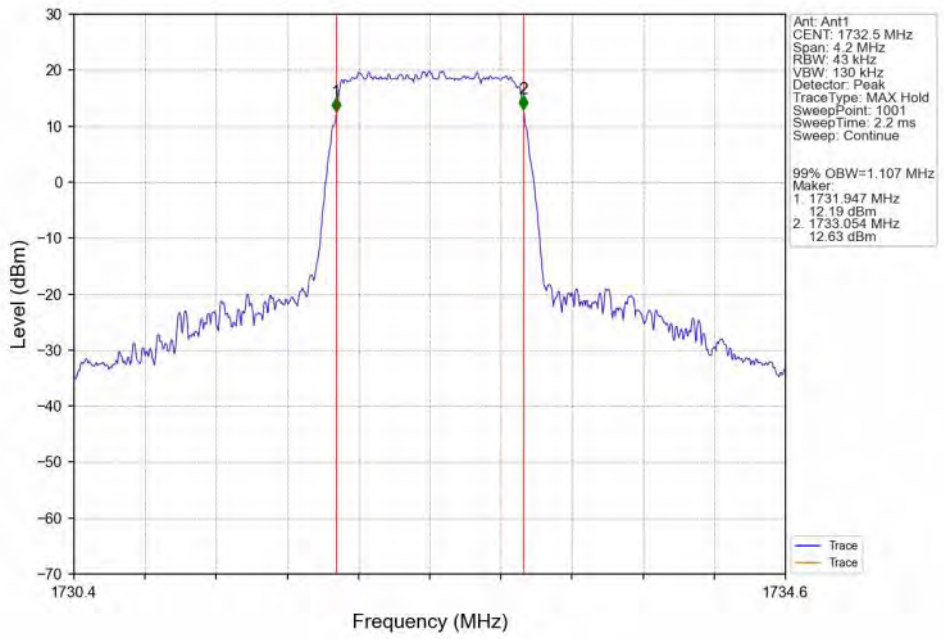
4.2 Test Graph

4.2.1 Band4_OBW

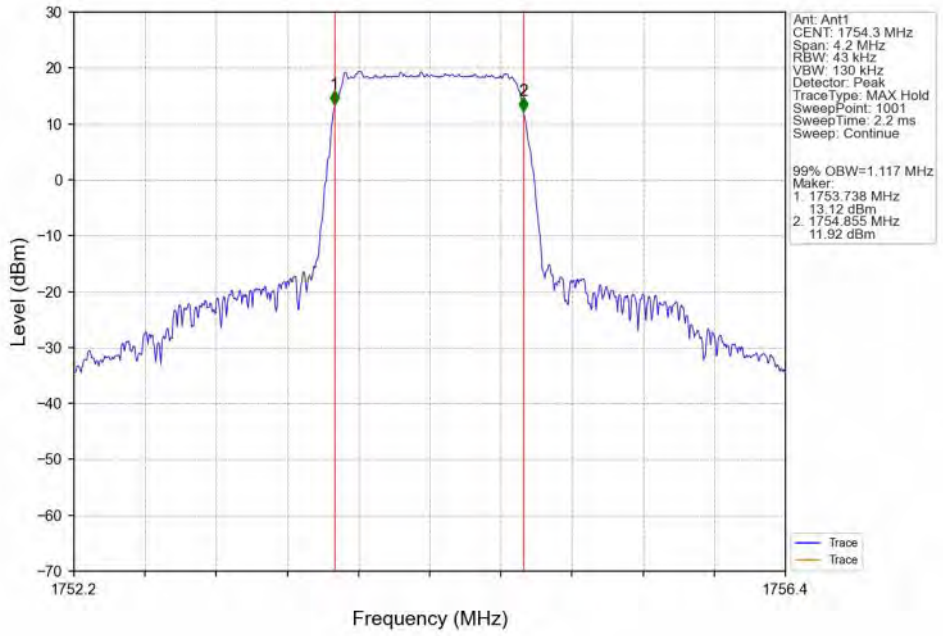
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



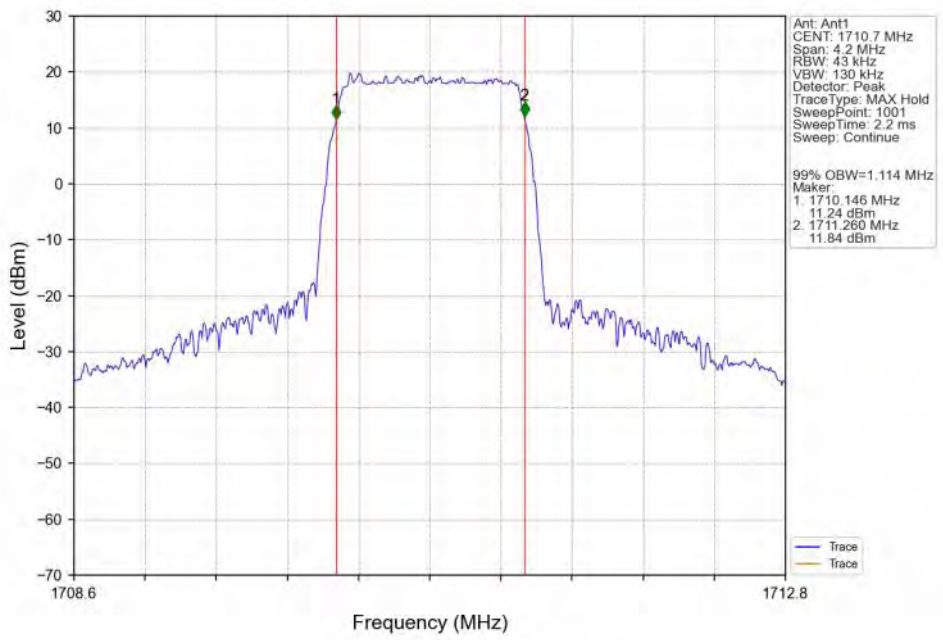
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



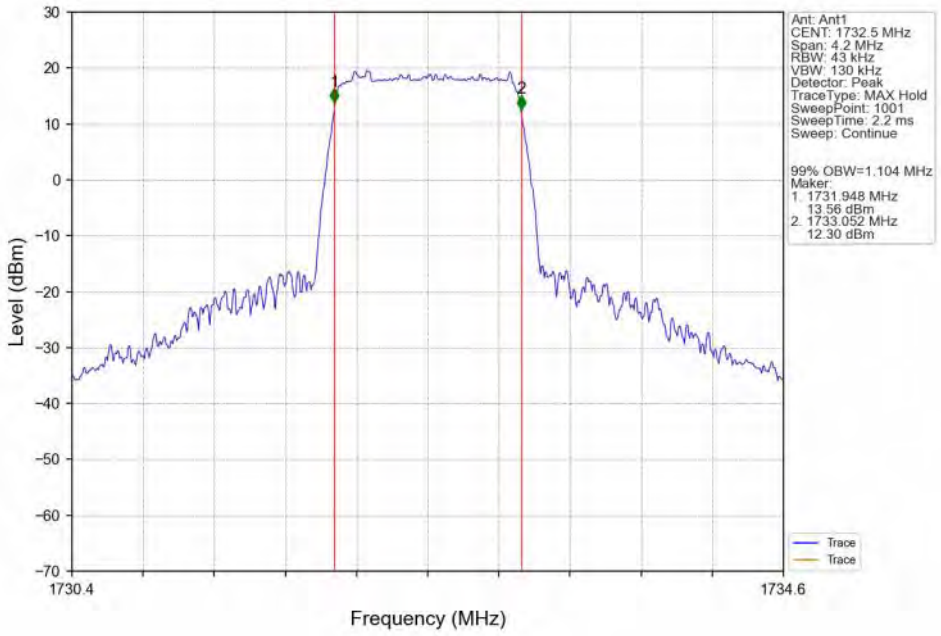
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



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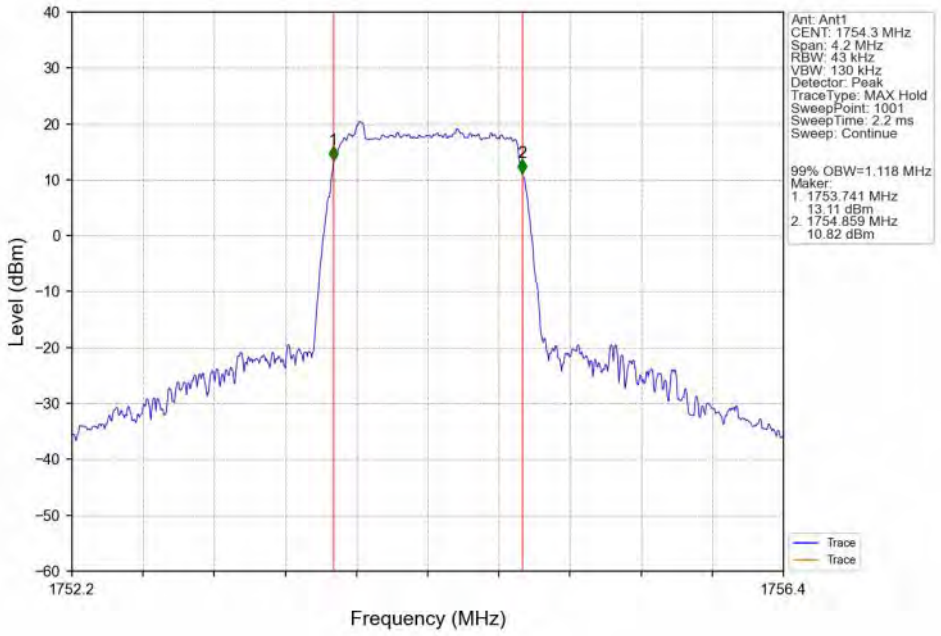
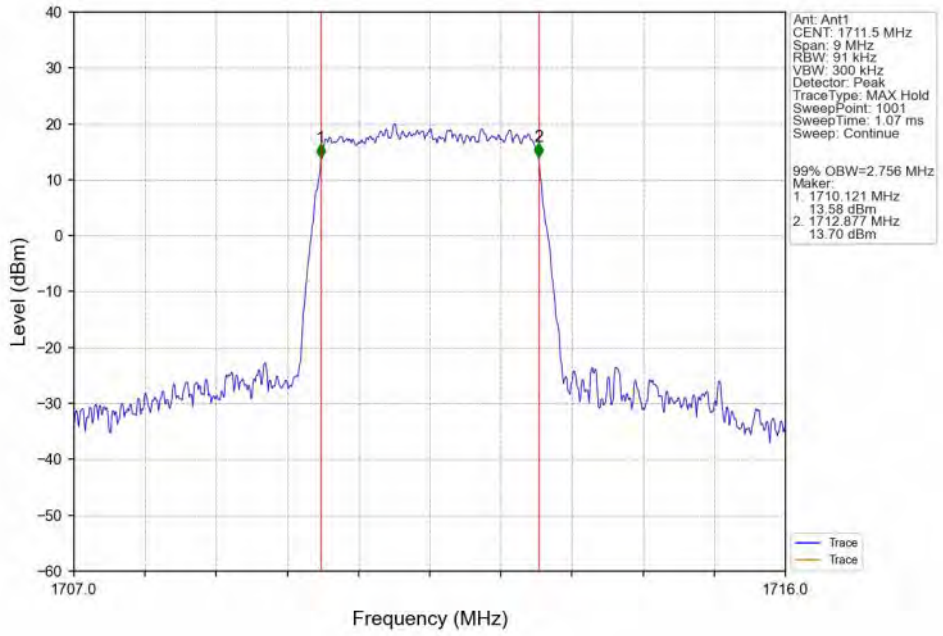
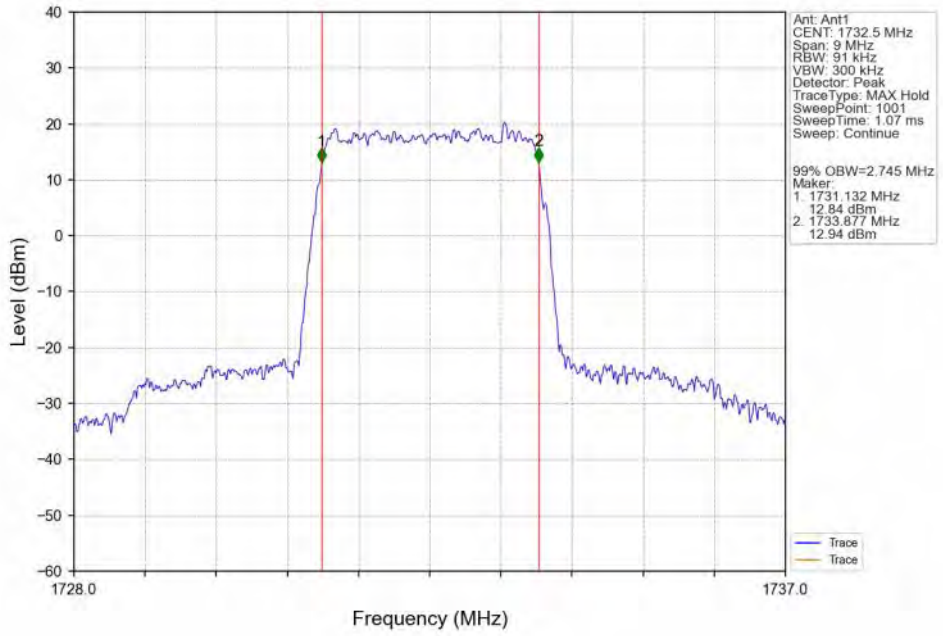


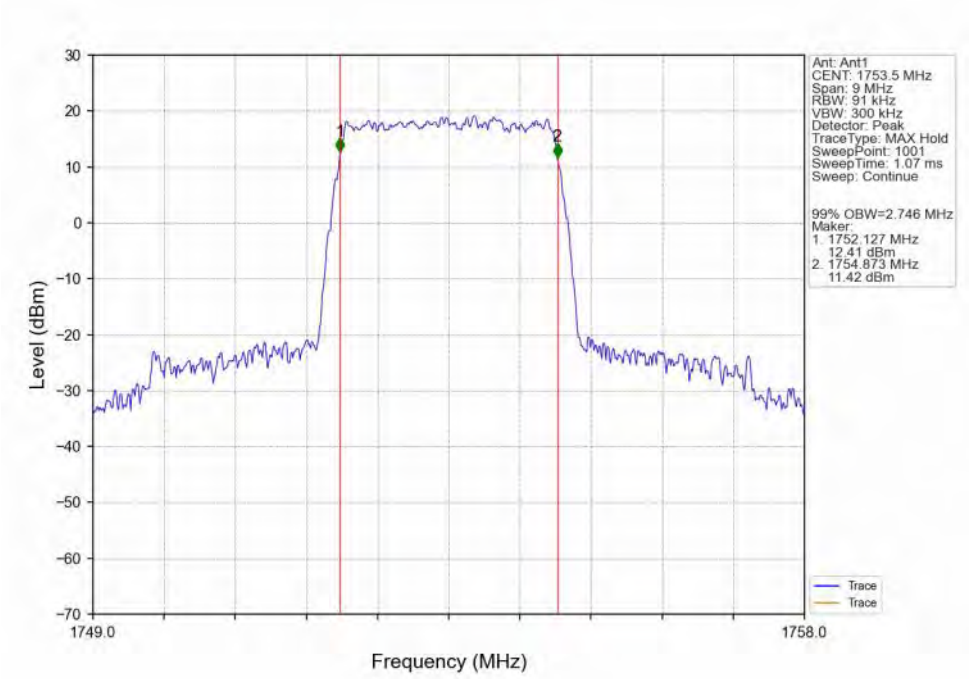
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



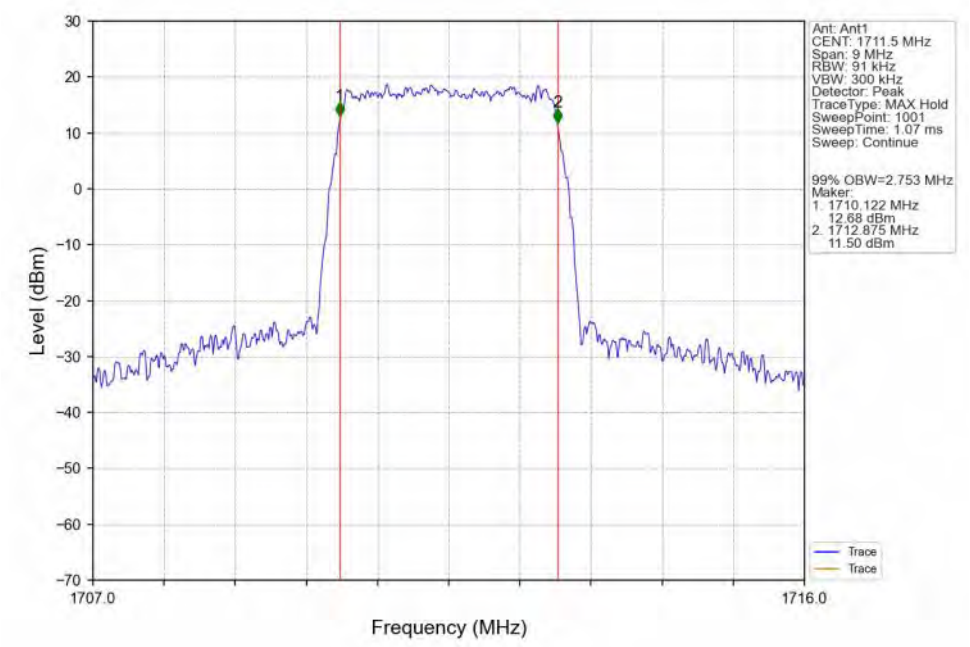
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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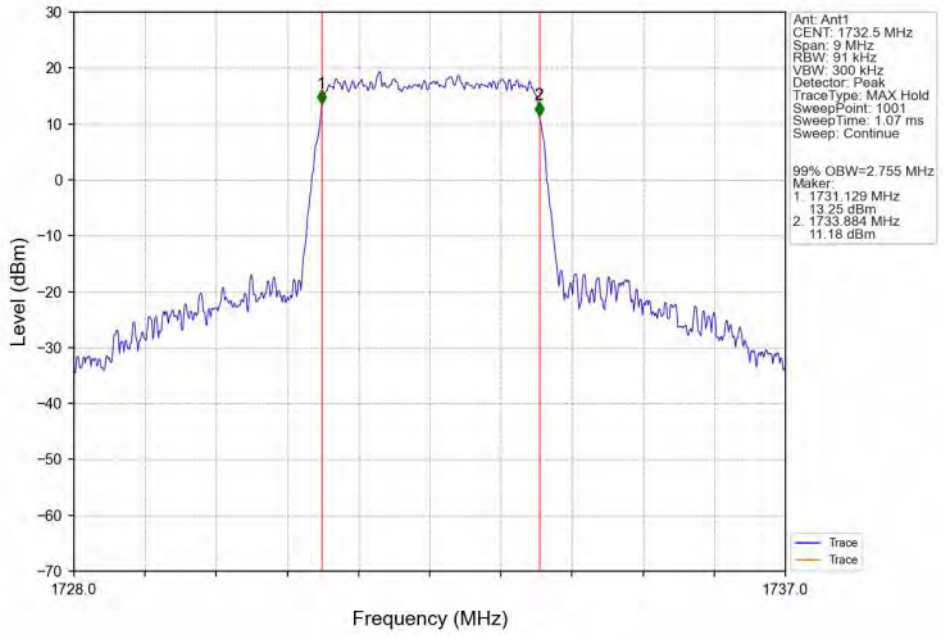
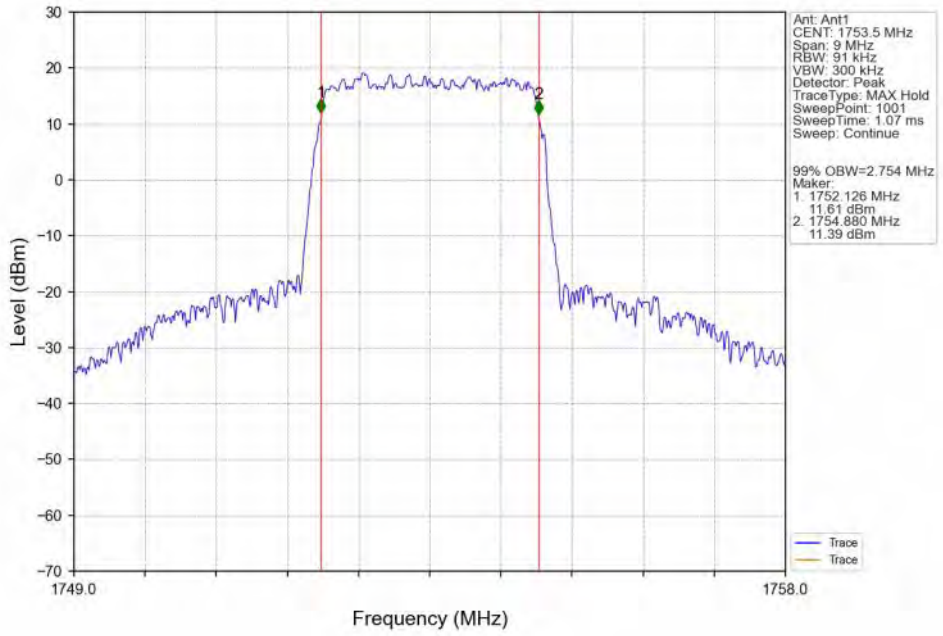
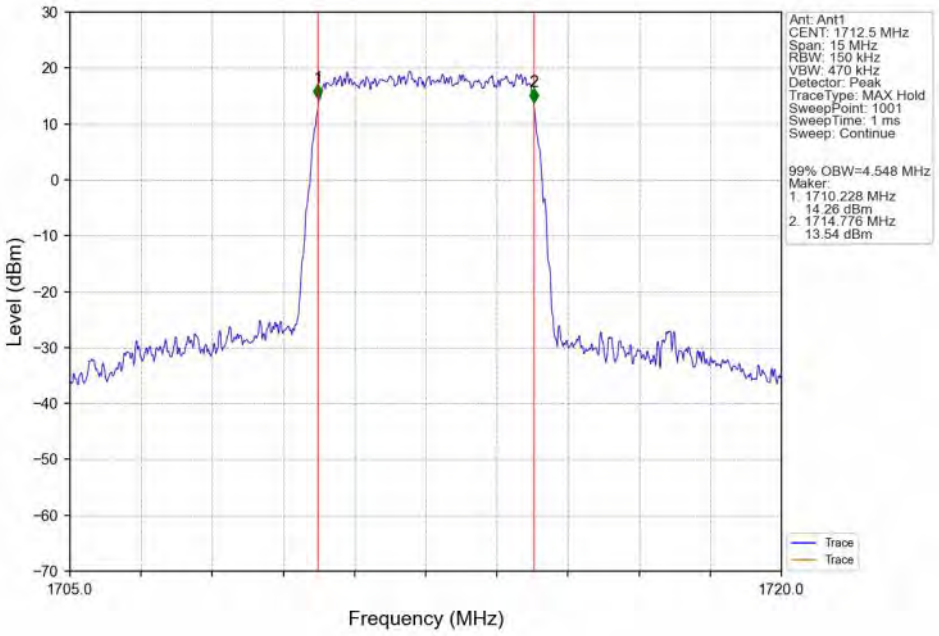


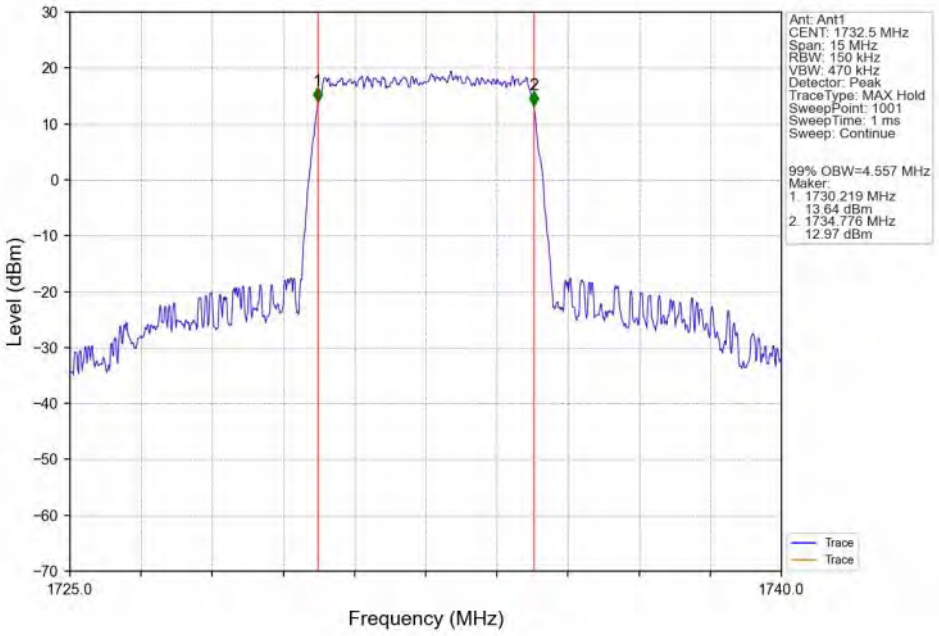
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



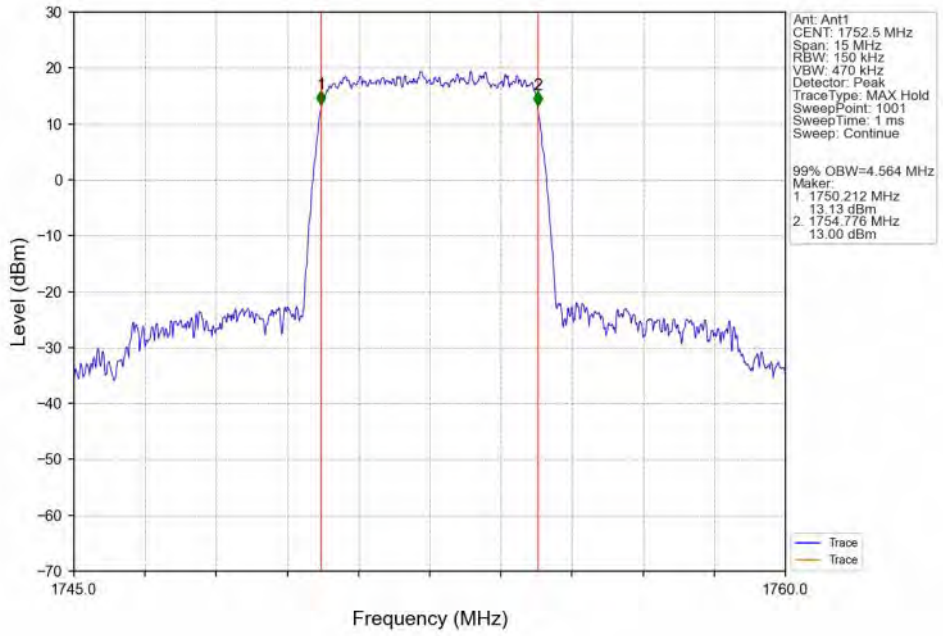
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



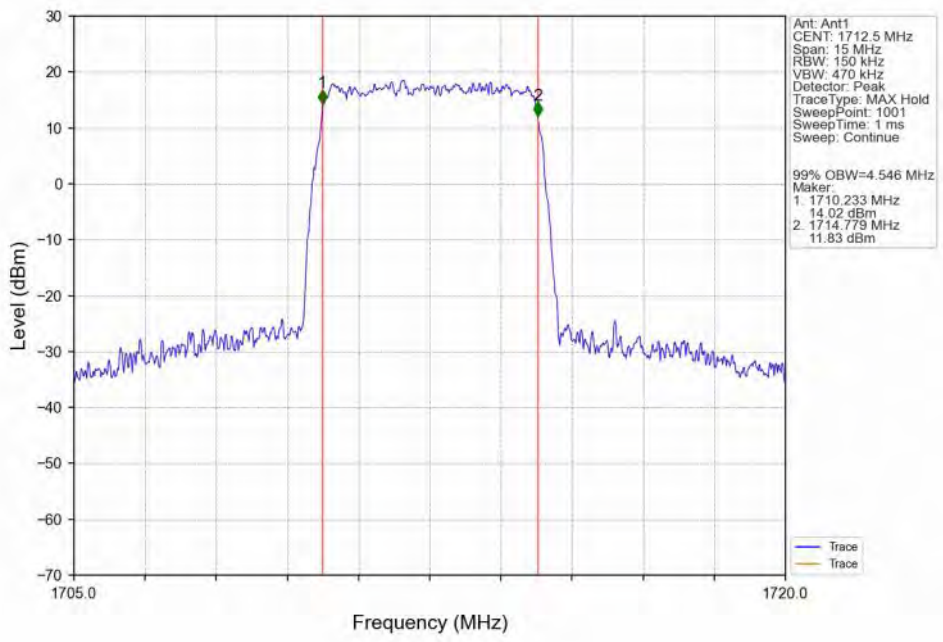
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



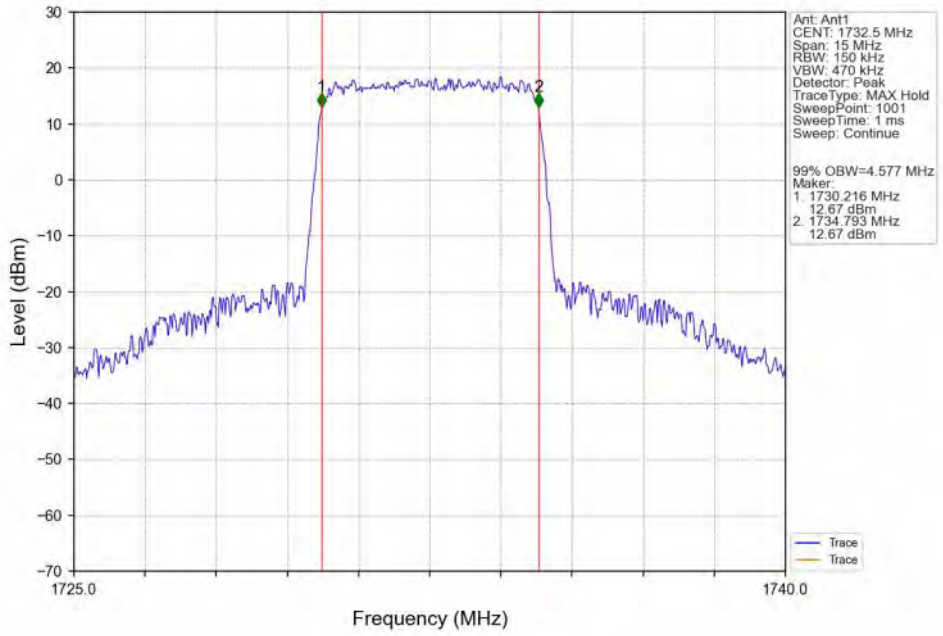
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



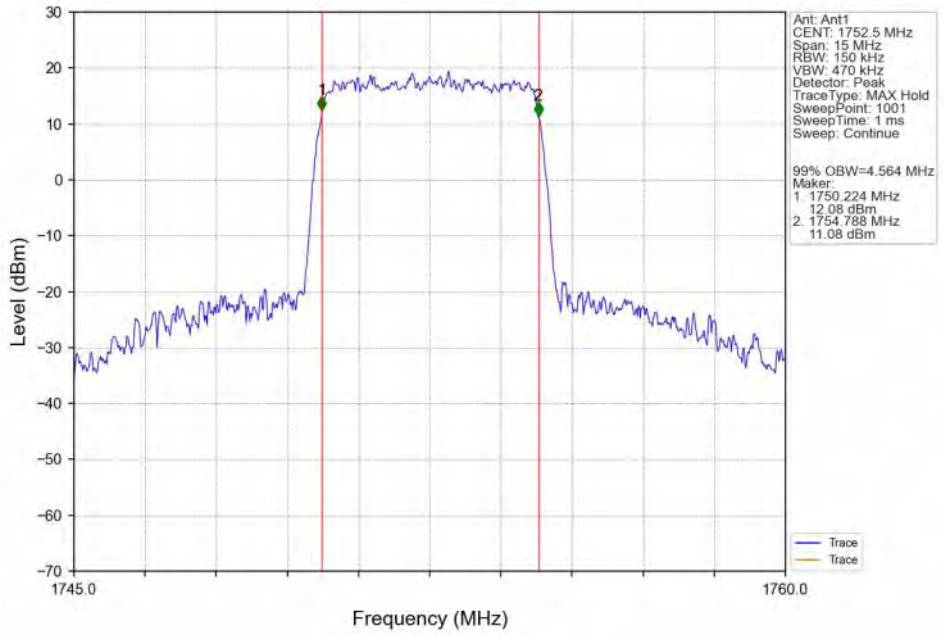
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



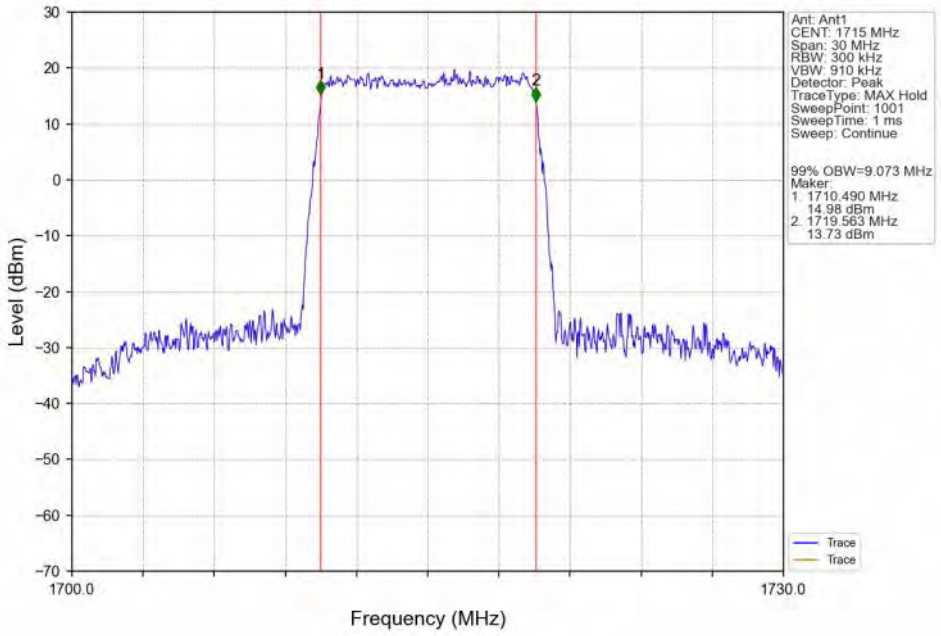
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



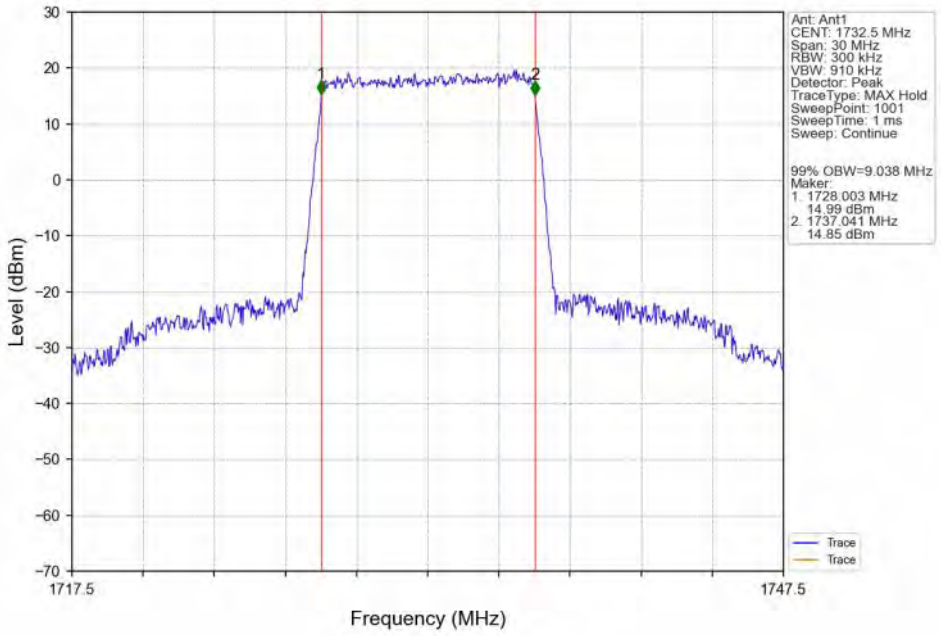
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



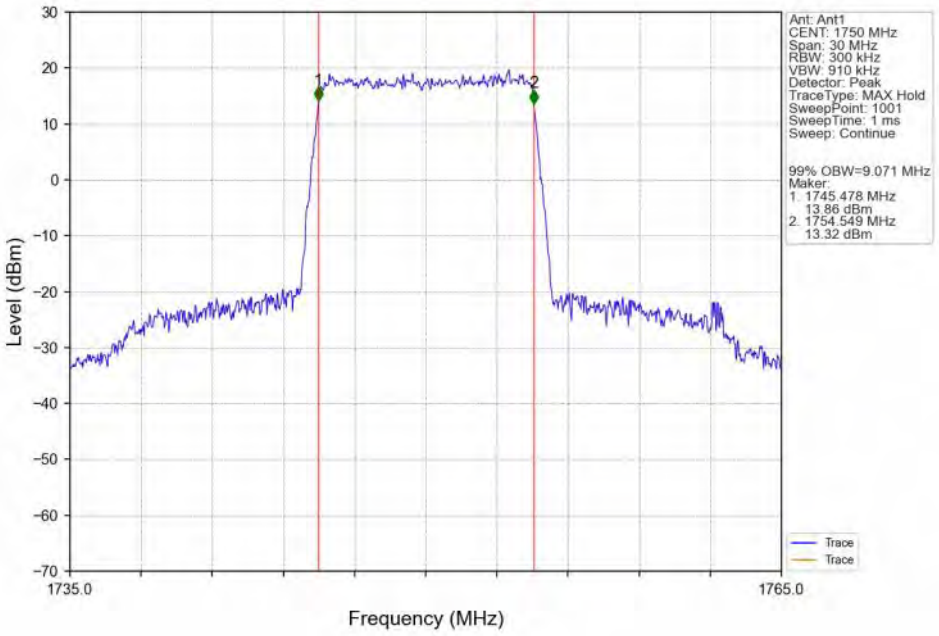
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



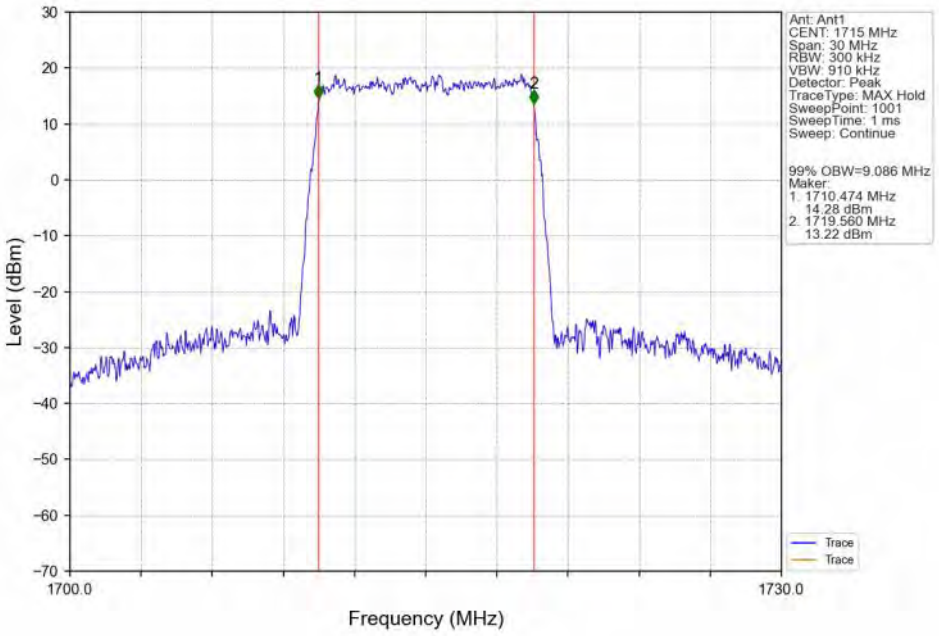
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



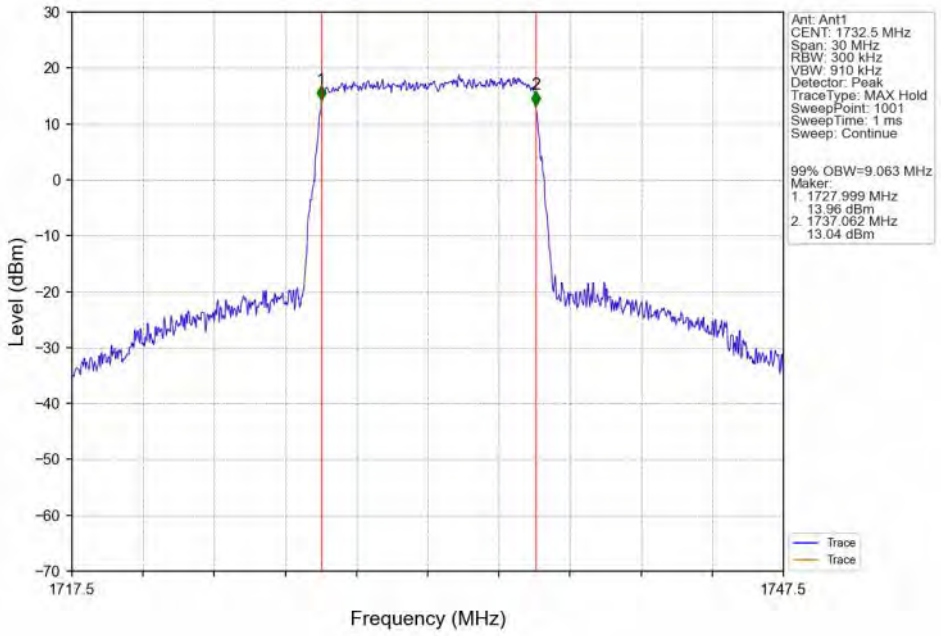
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



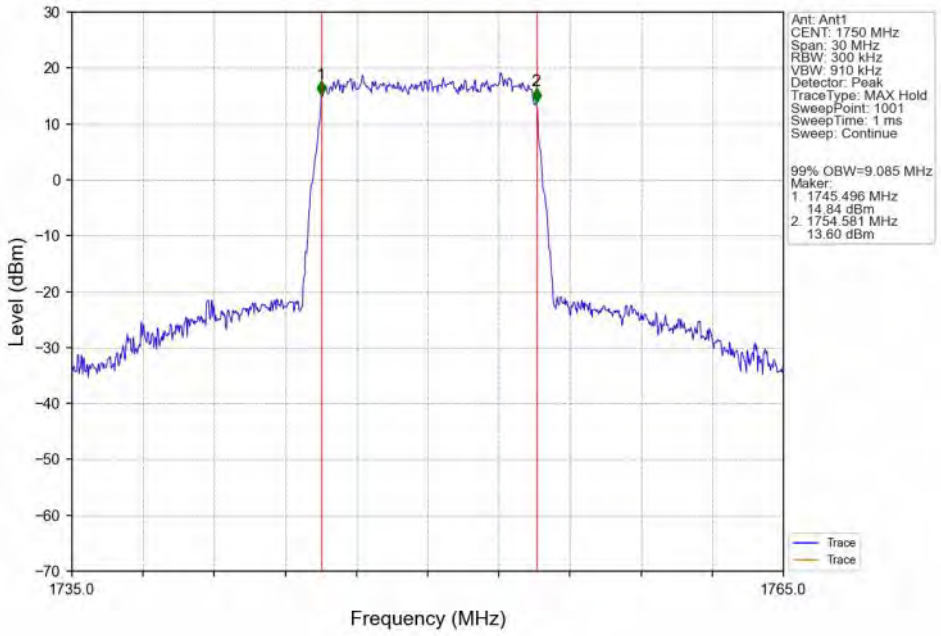
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



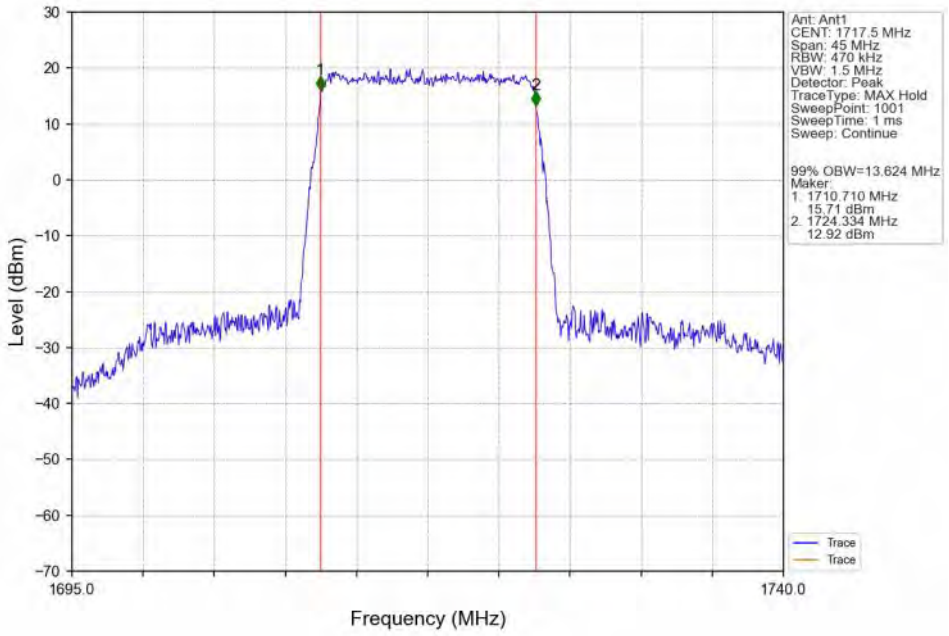
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



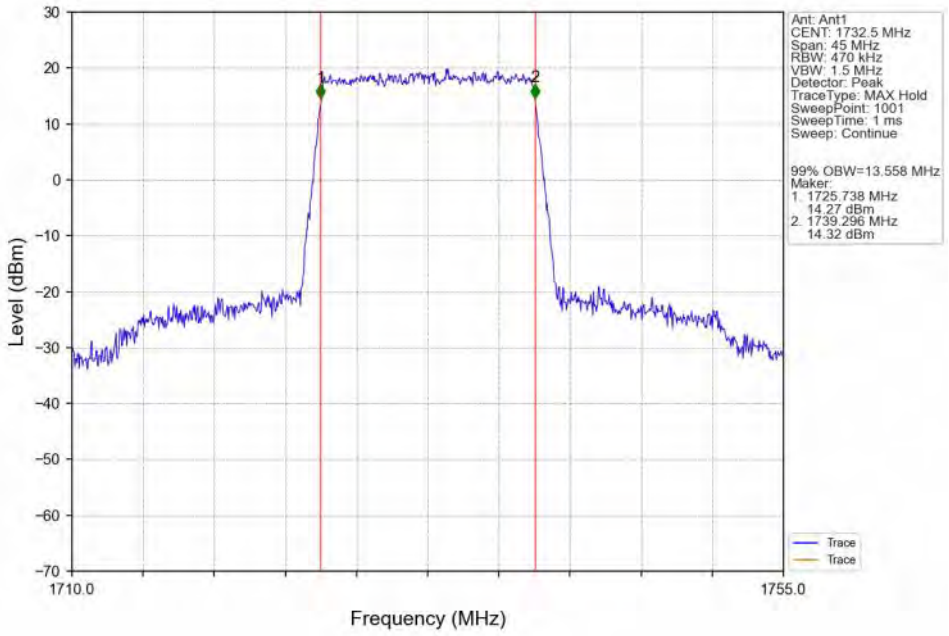
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



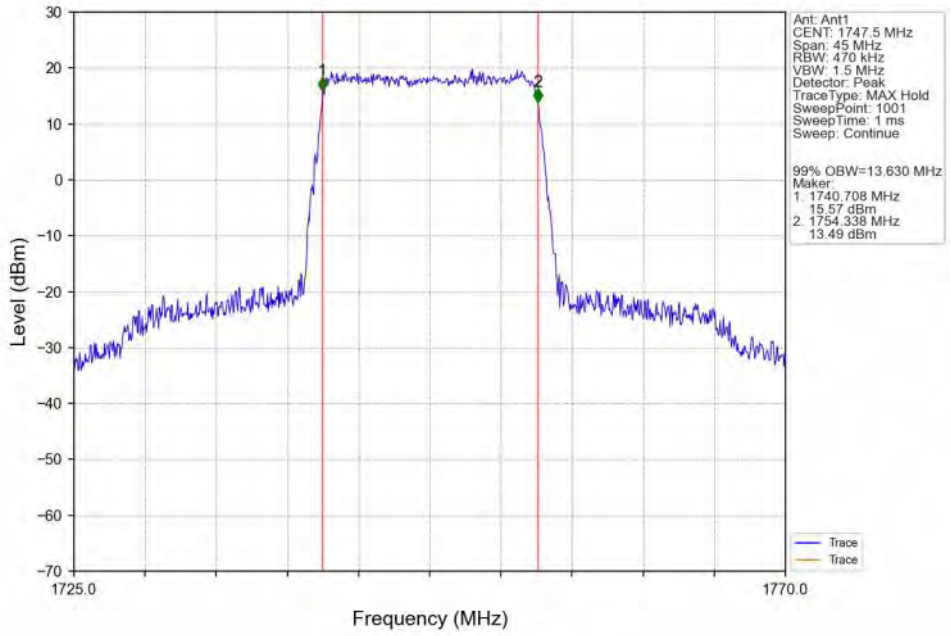
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



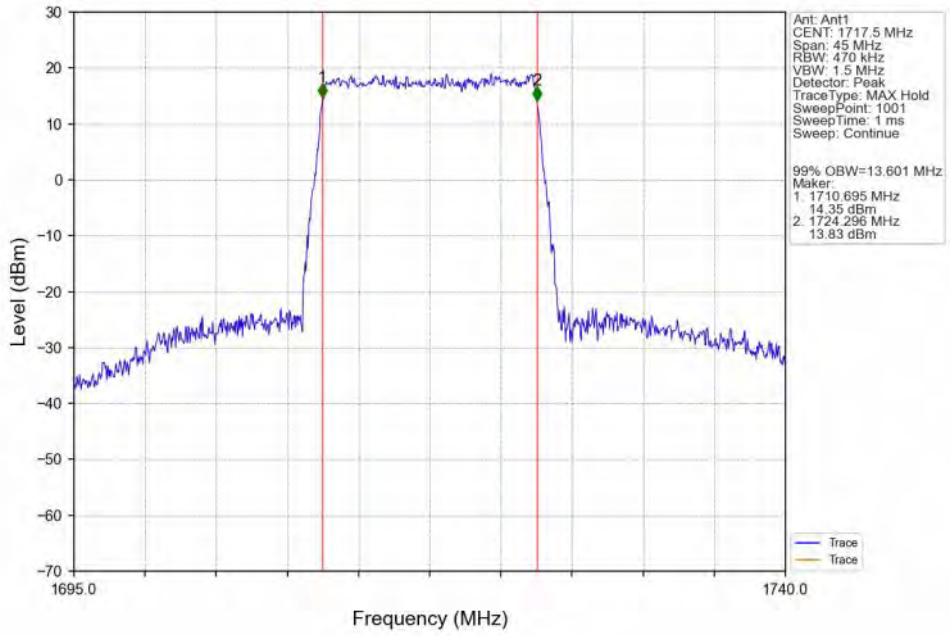
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



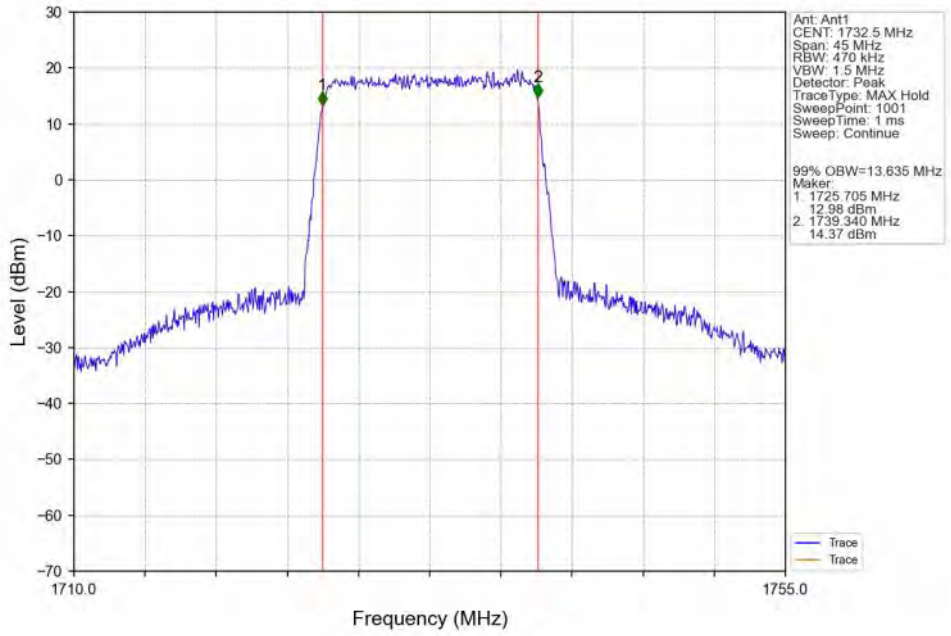
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



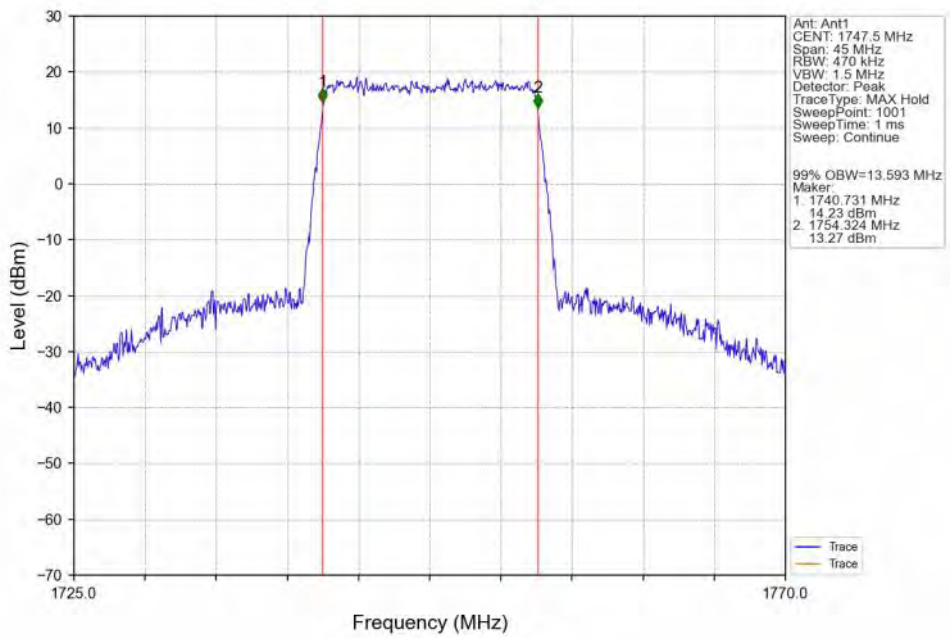
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



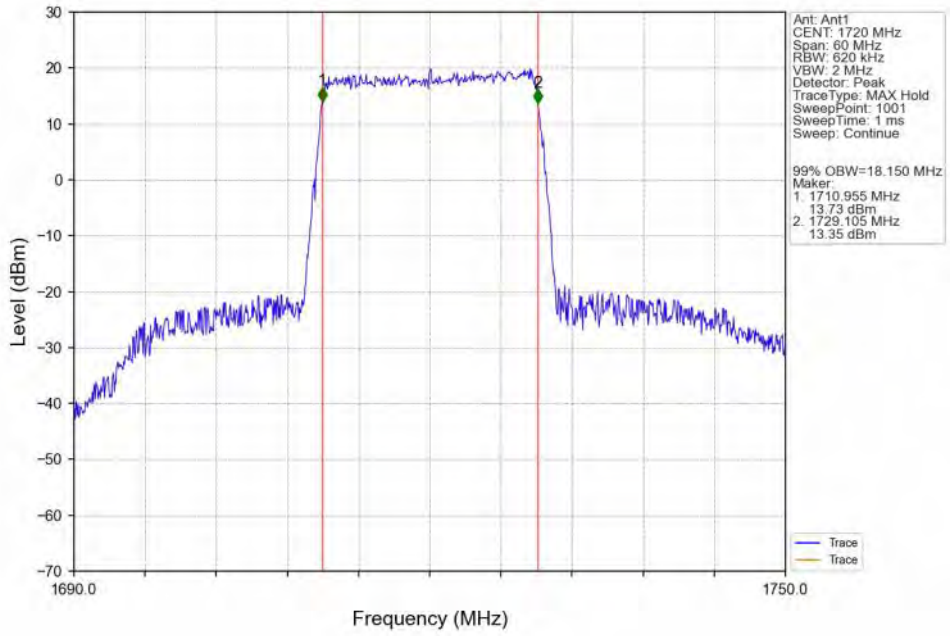
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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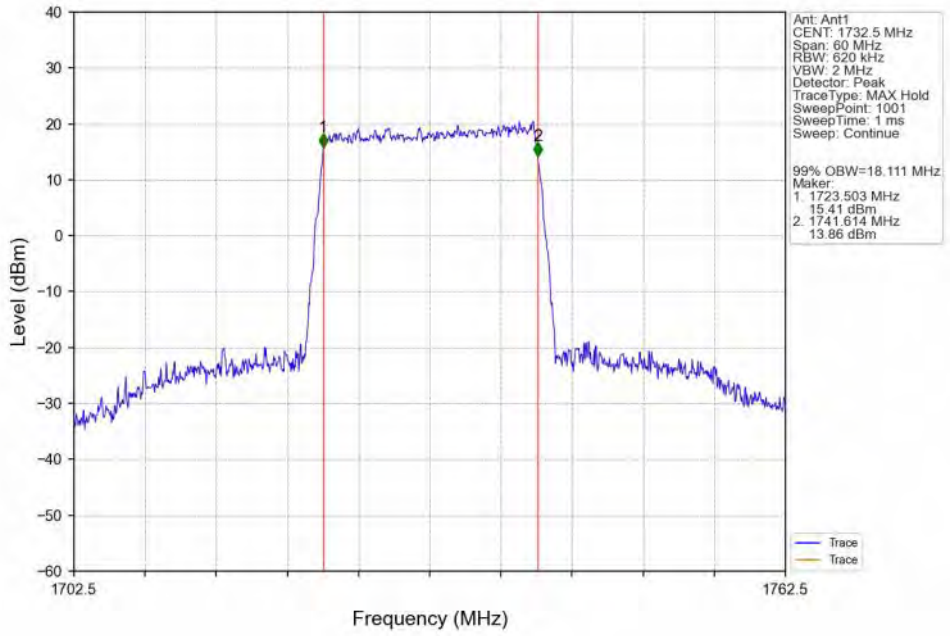

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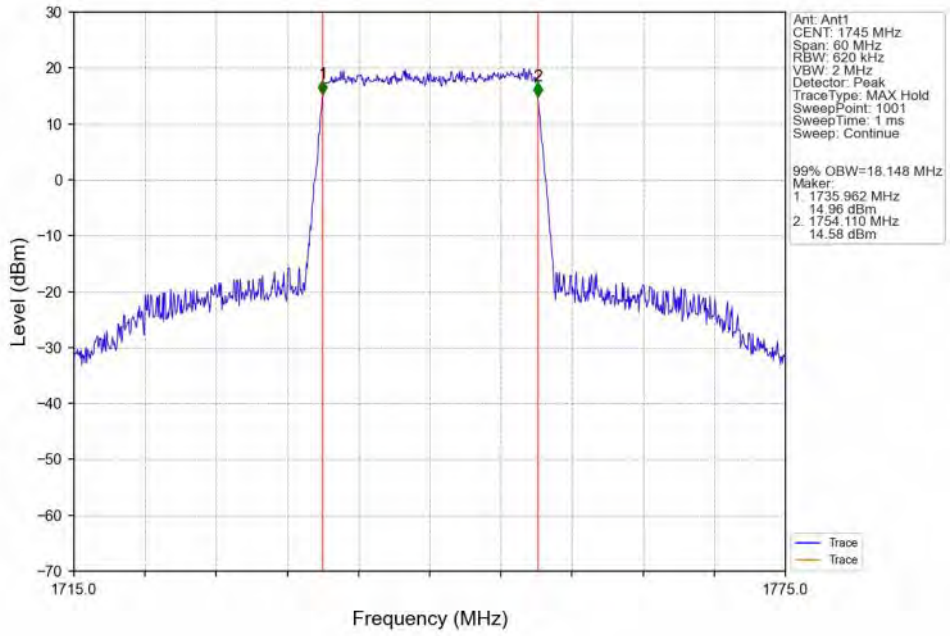
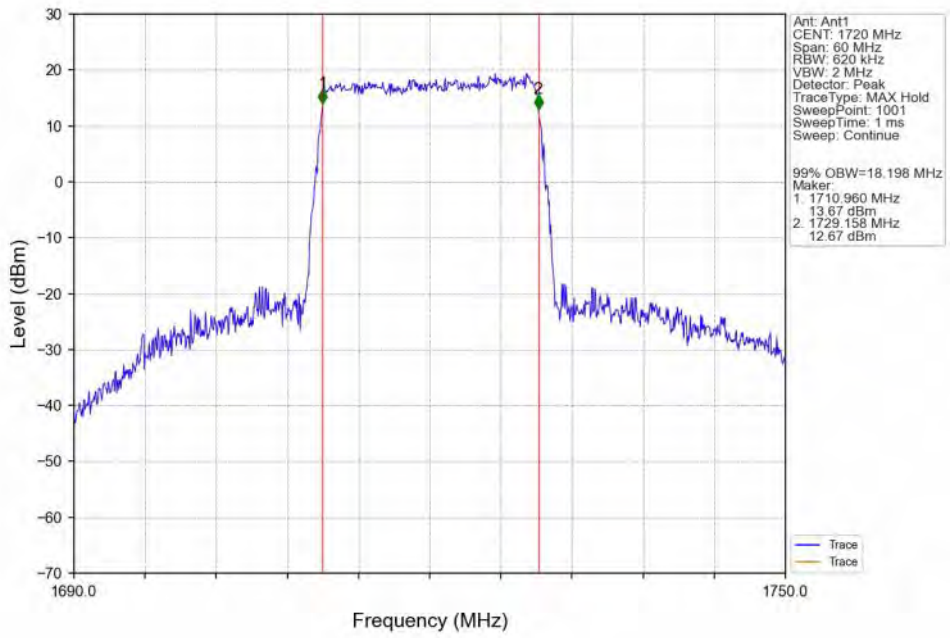
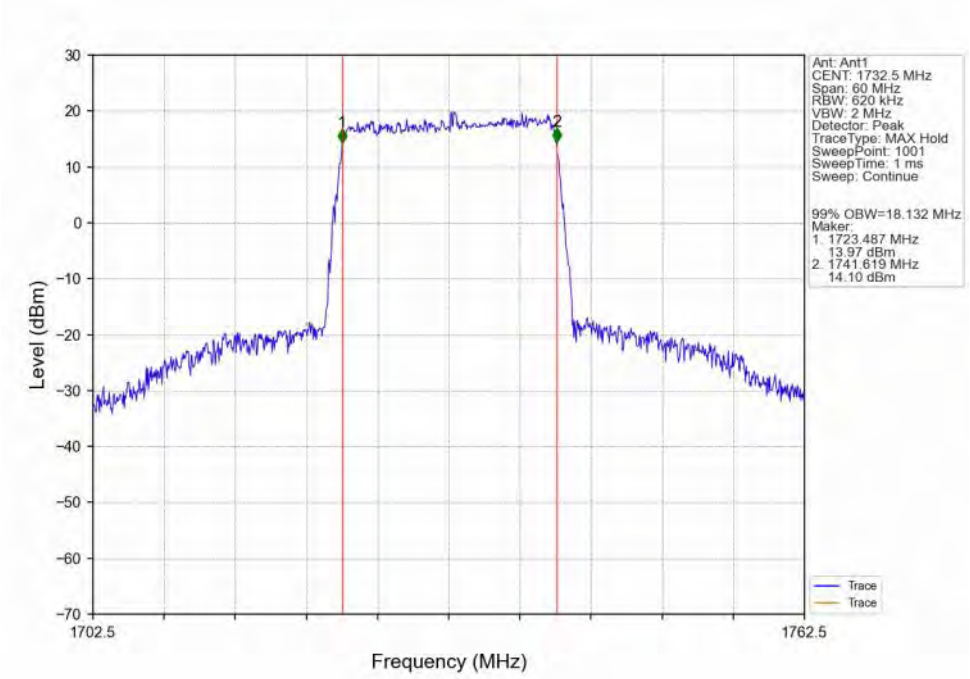


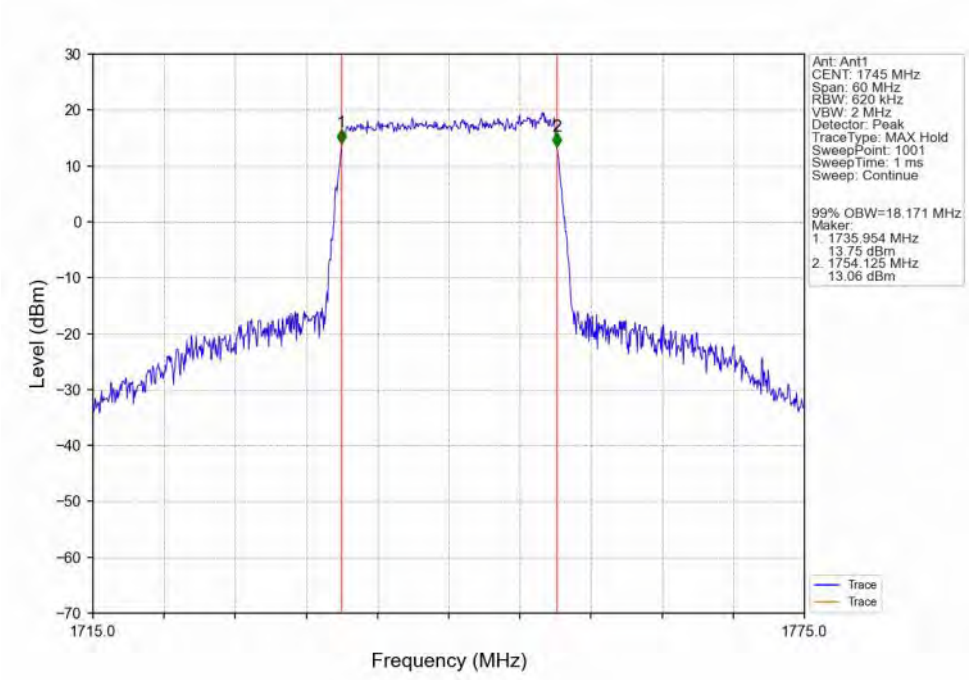
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

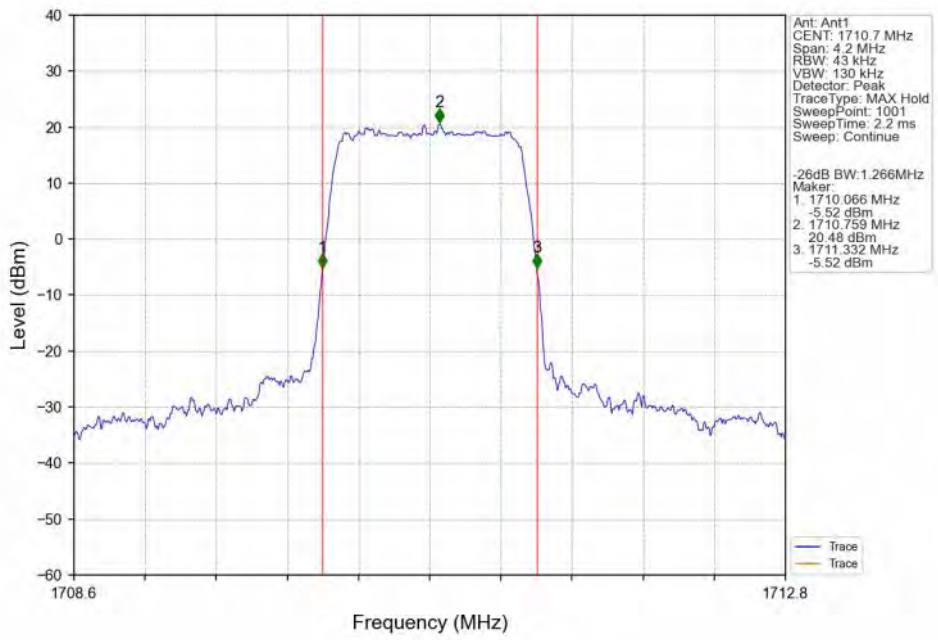


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

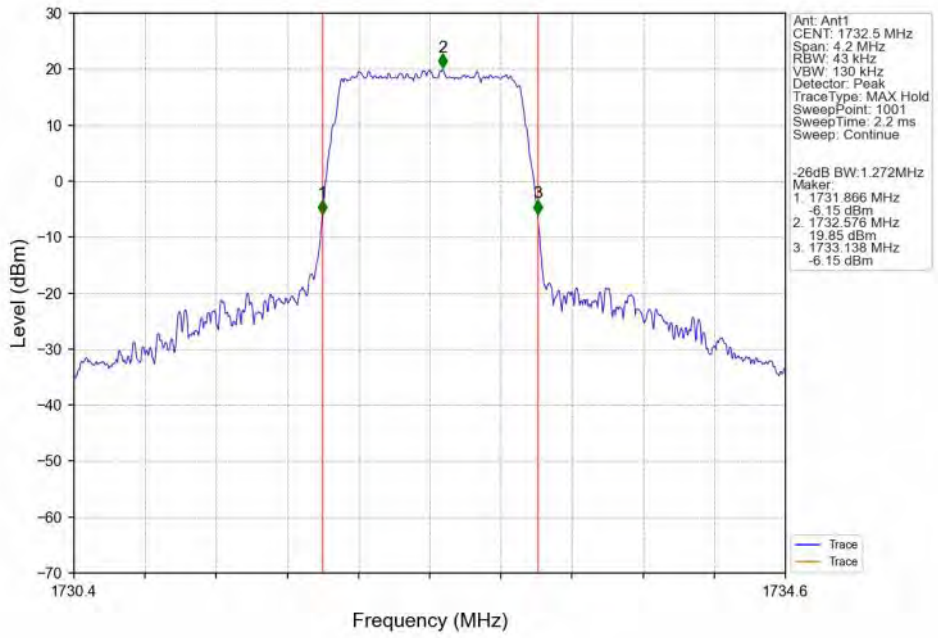


4.2.2 Band4_XDB

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



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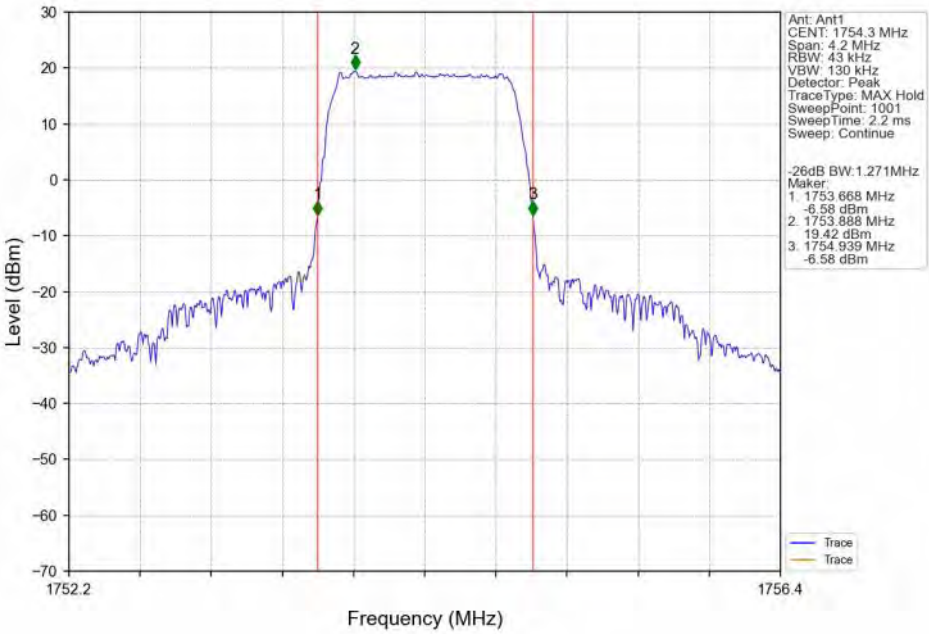
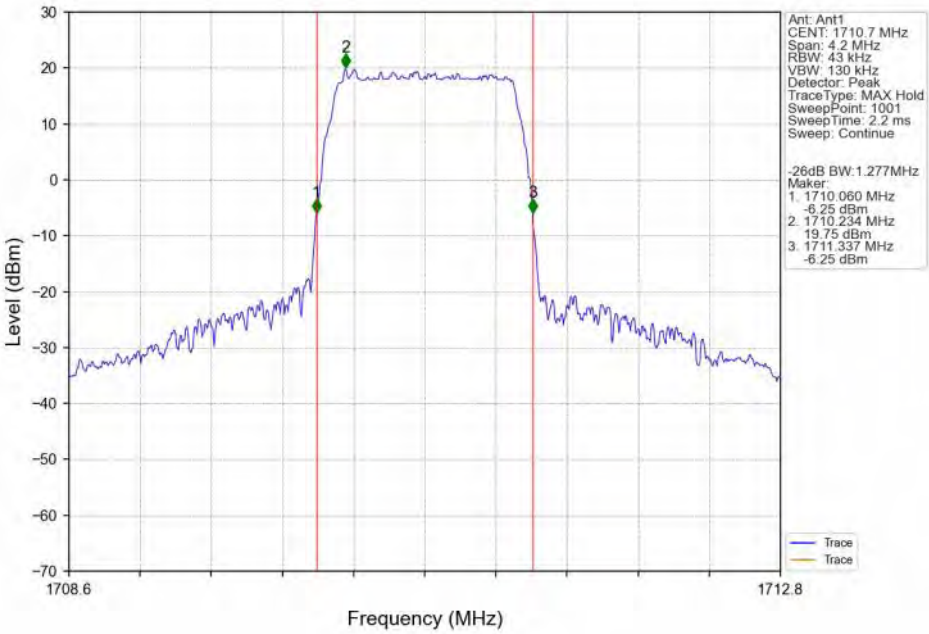
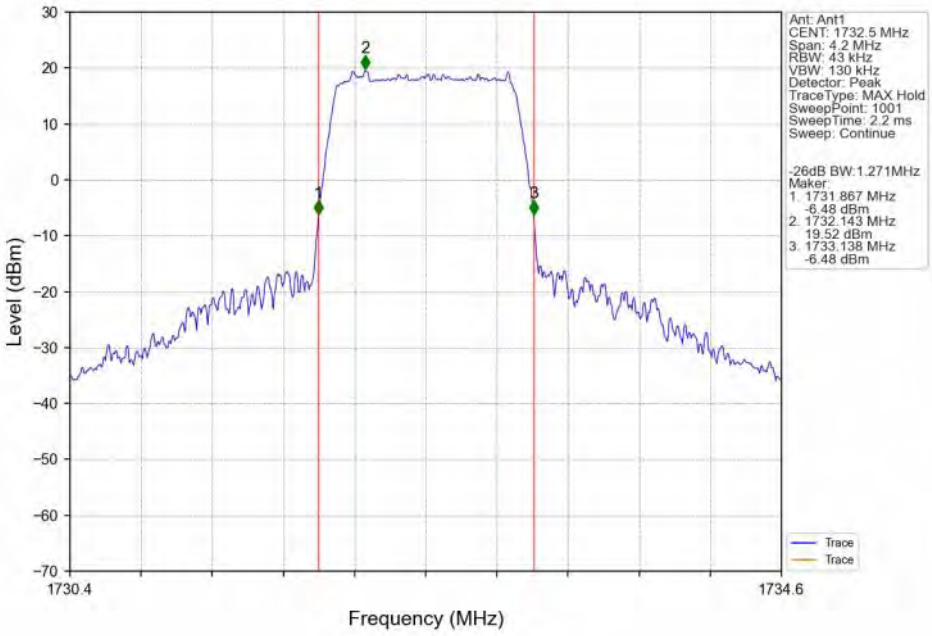


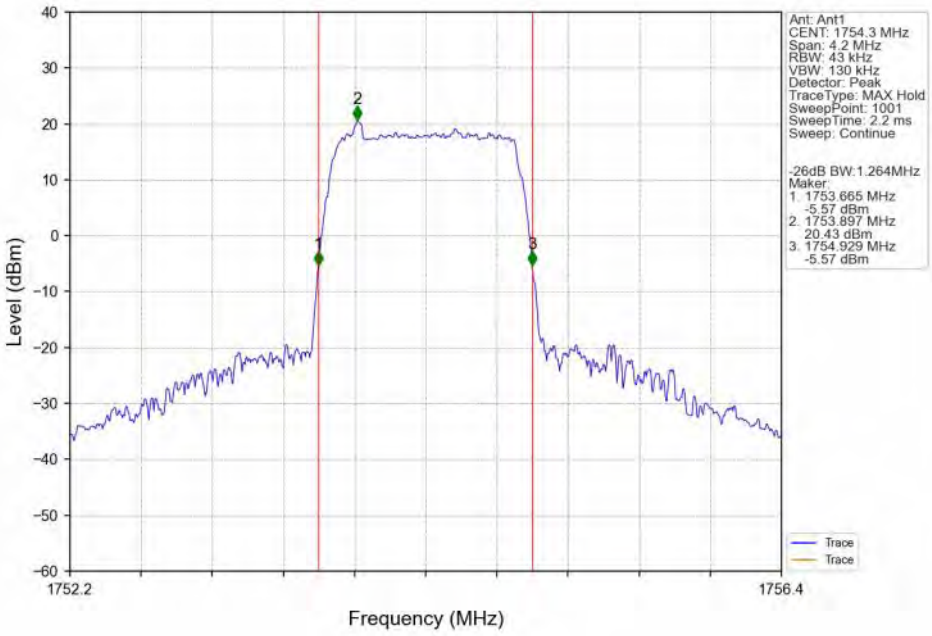
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



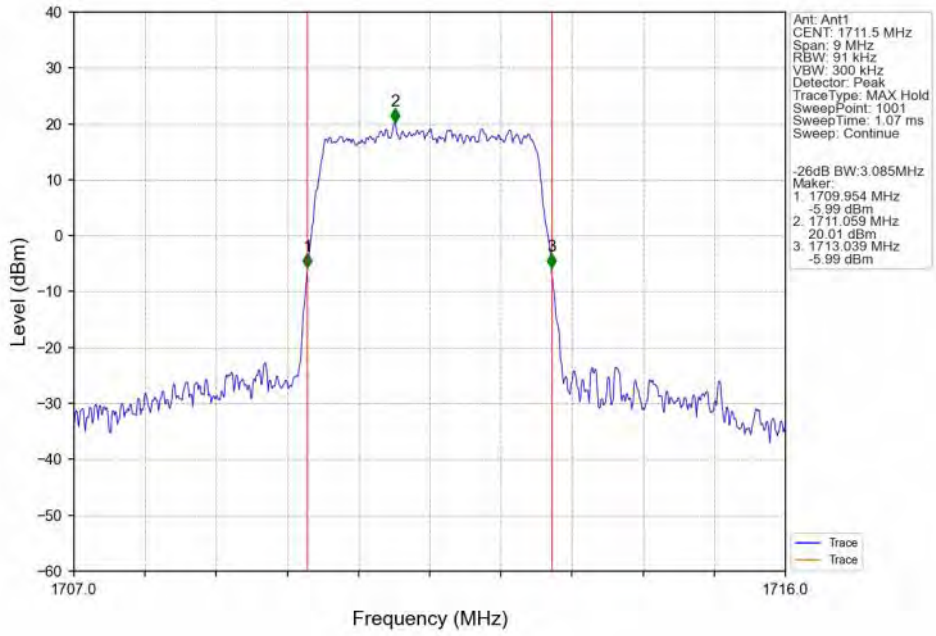
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



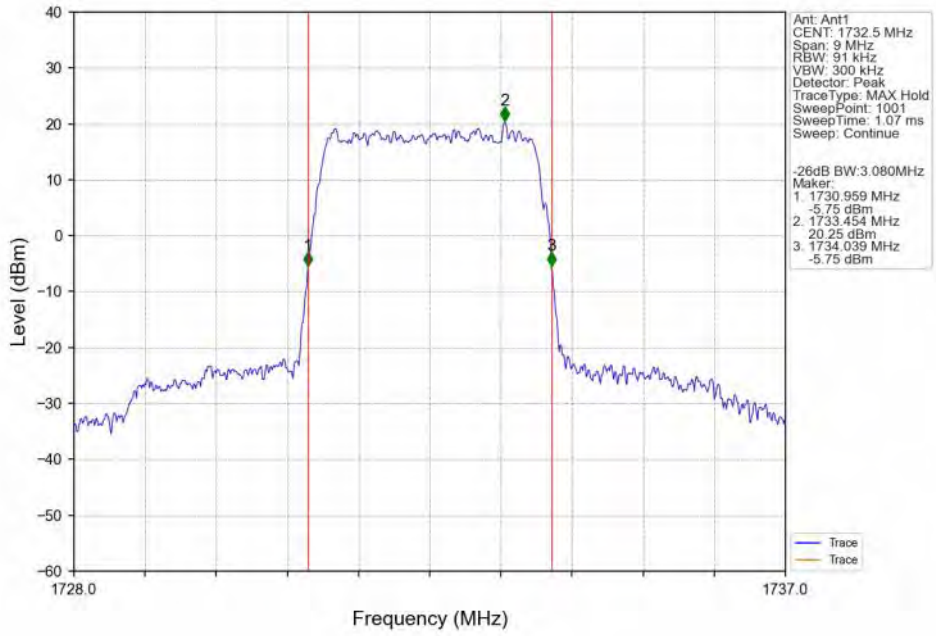
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



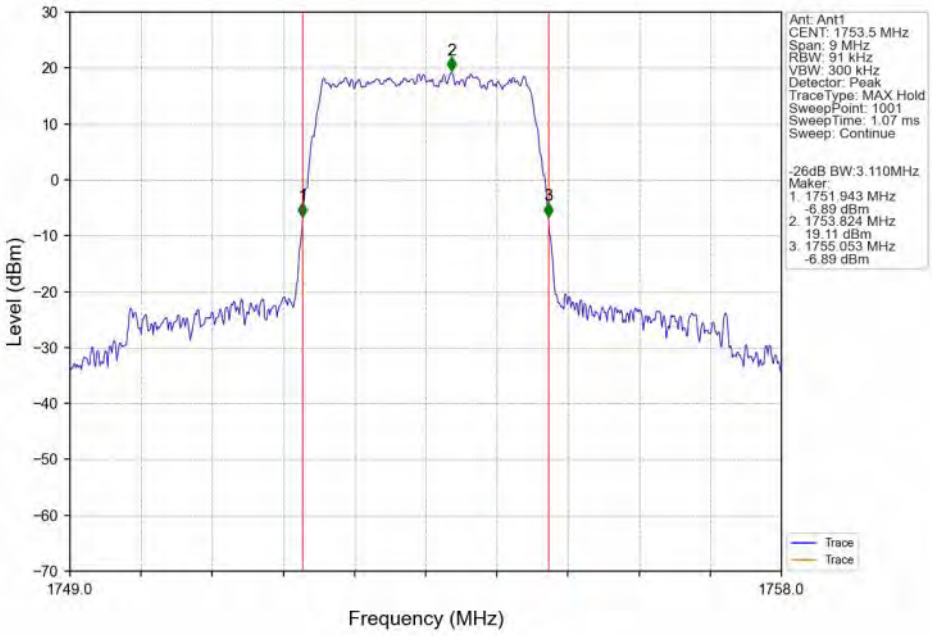
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



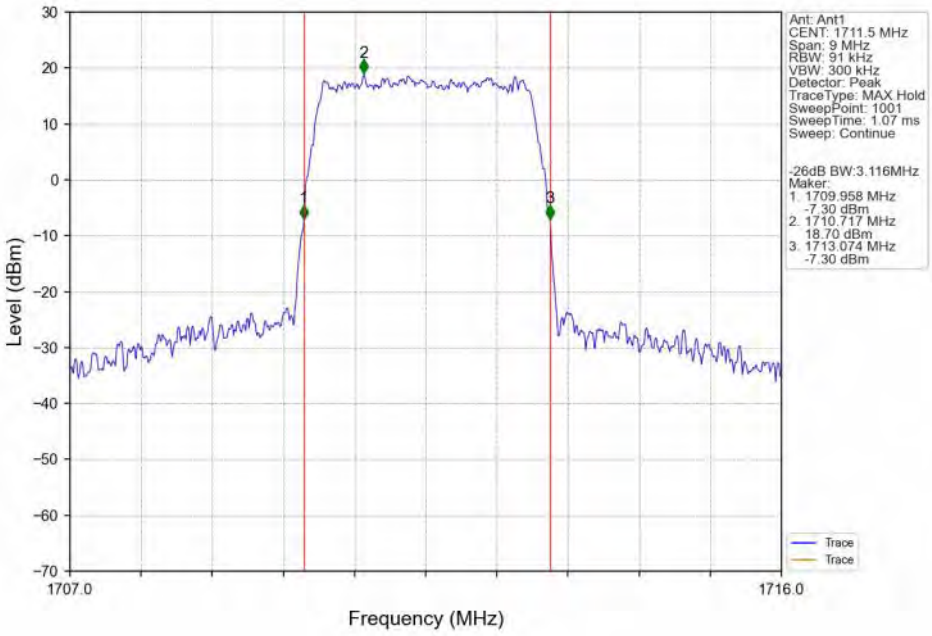
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



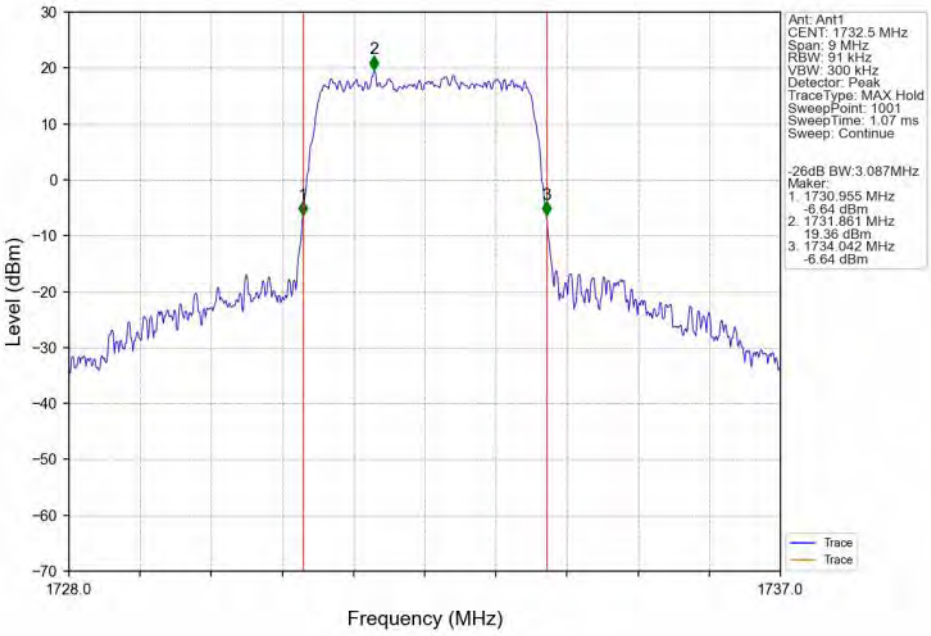
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



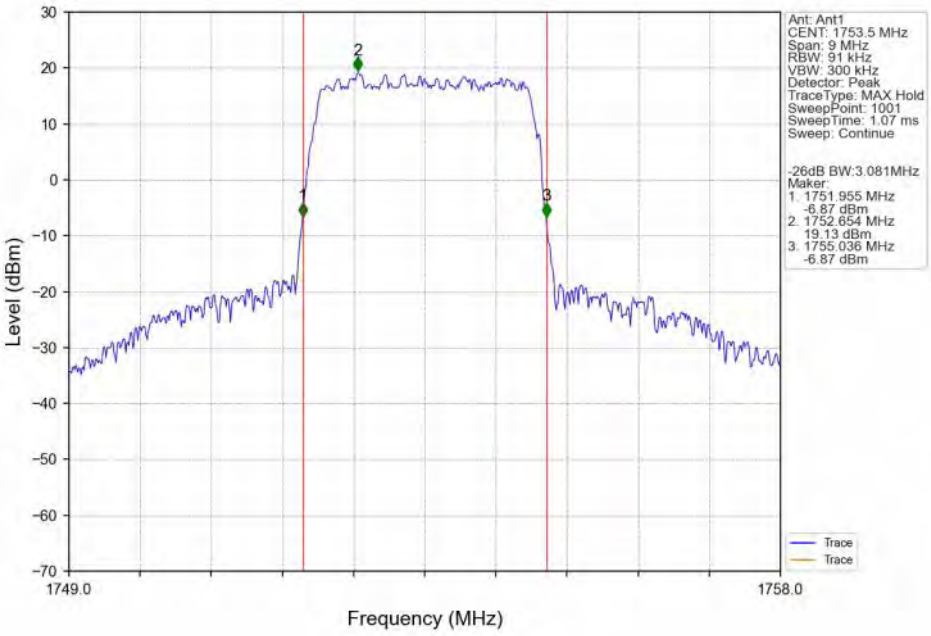
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



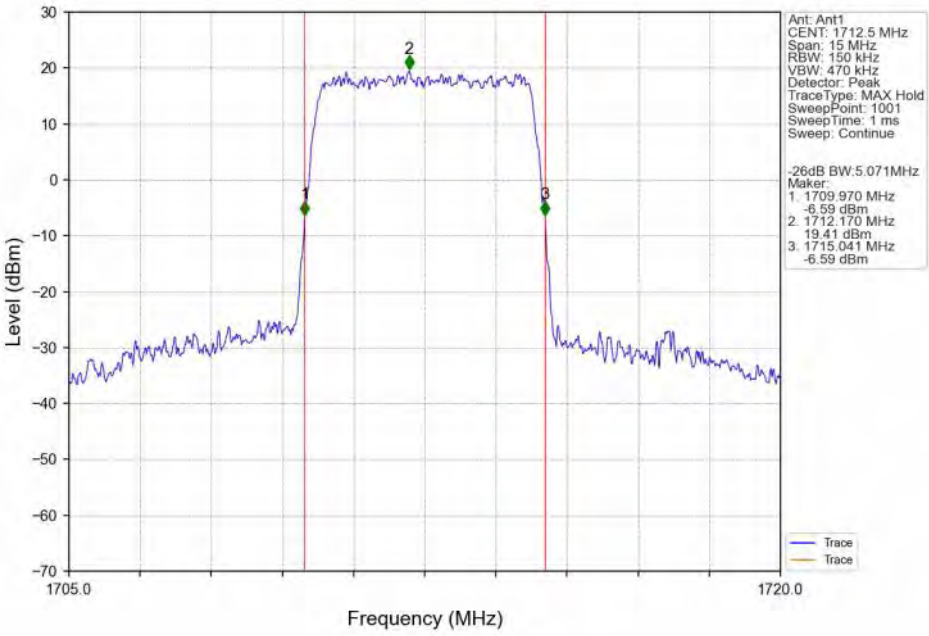
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



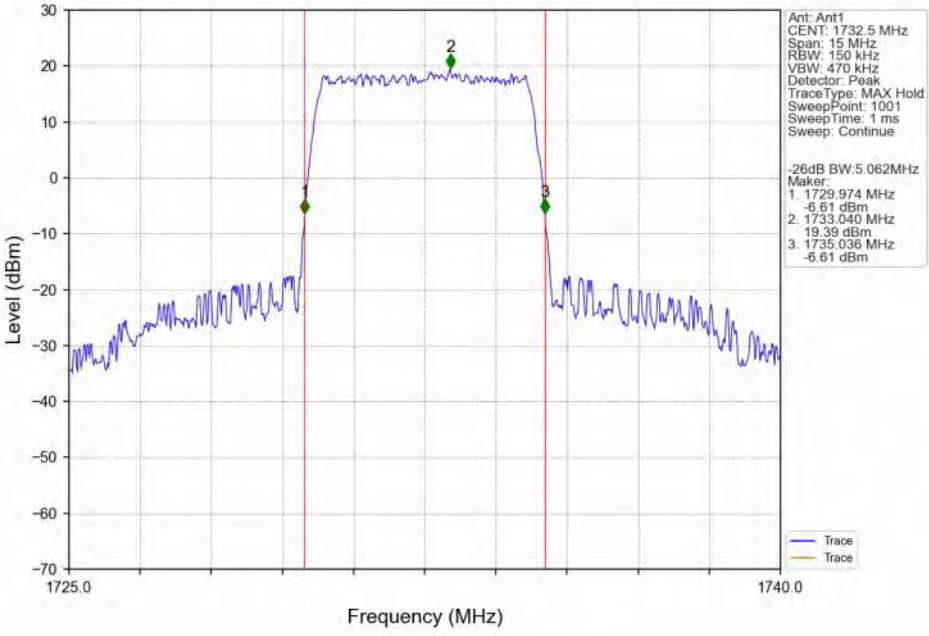
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



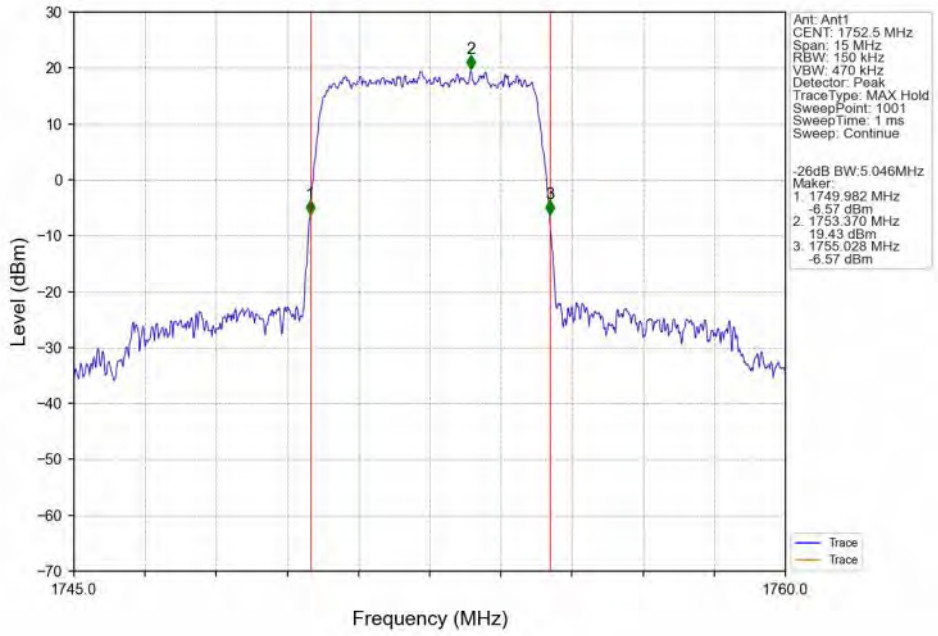
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



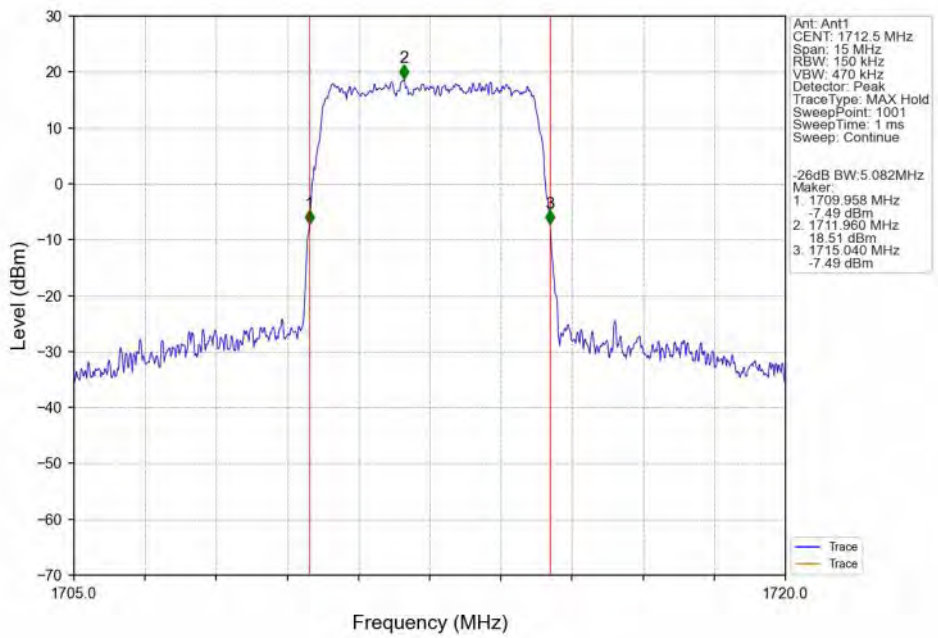
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



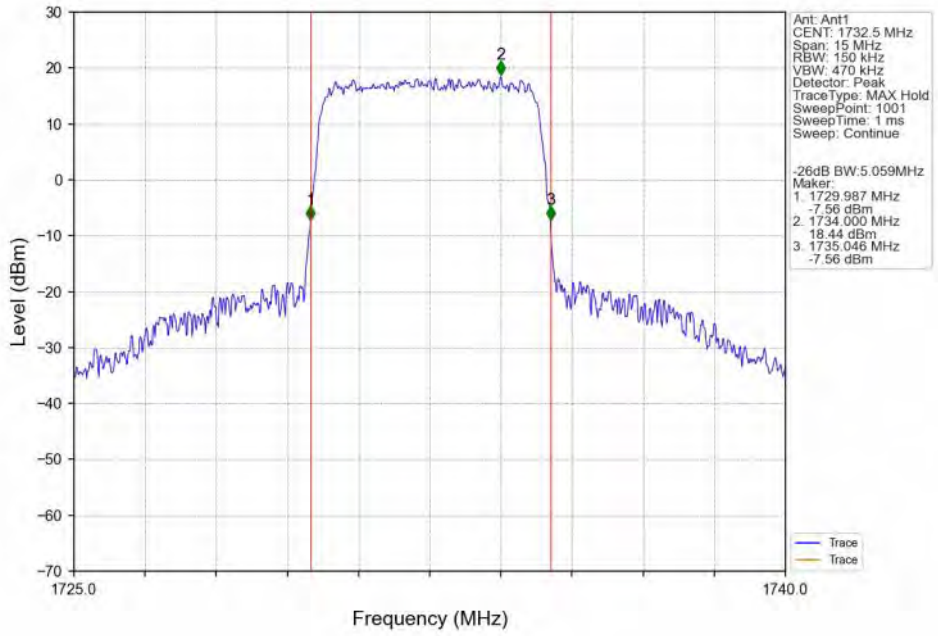
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



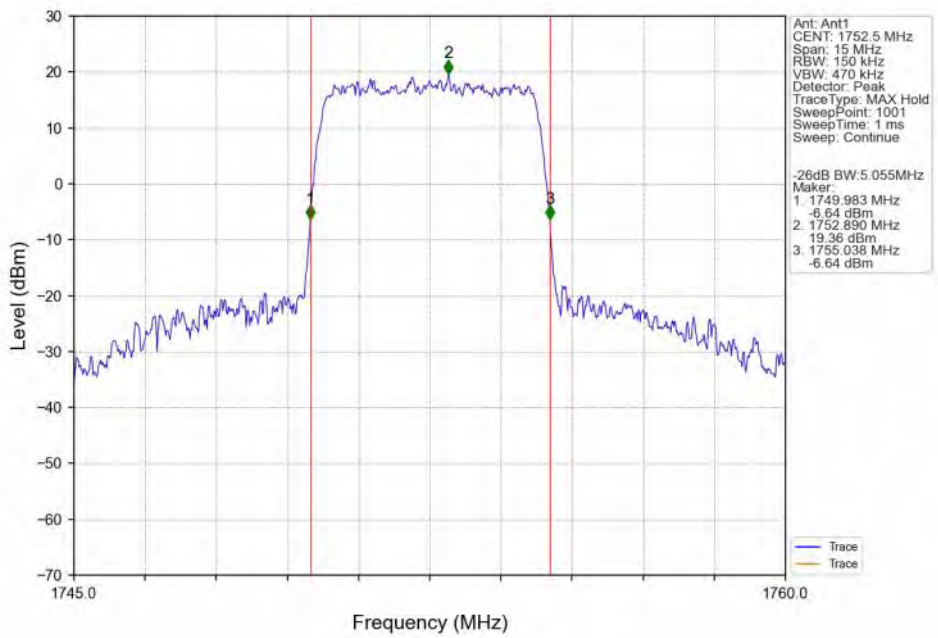
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



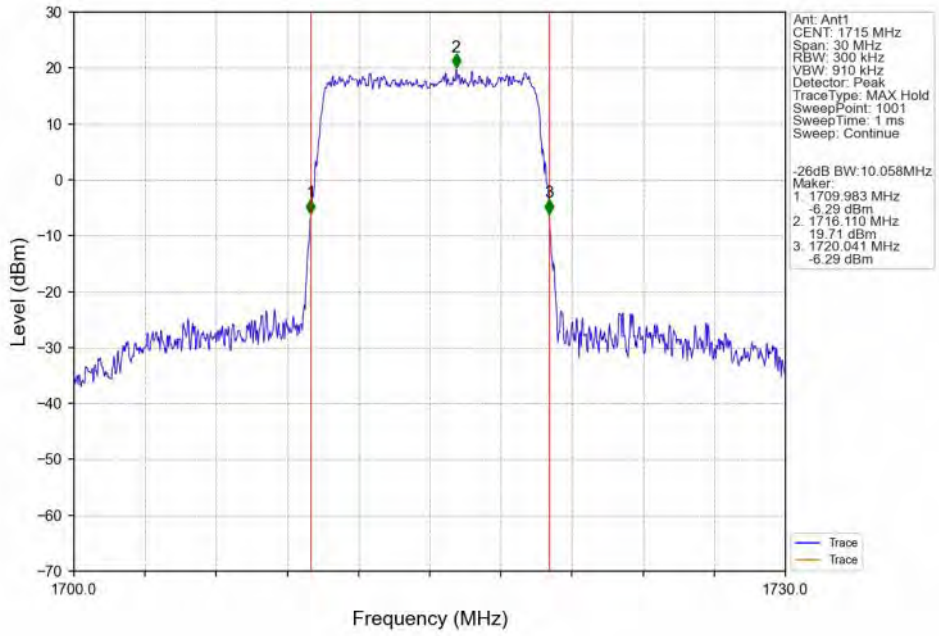
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



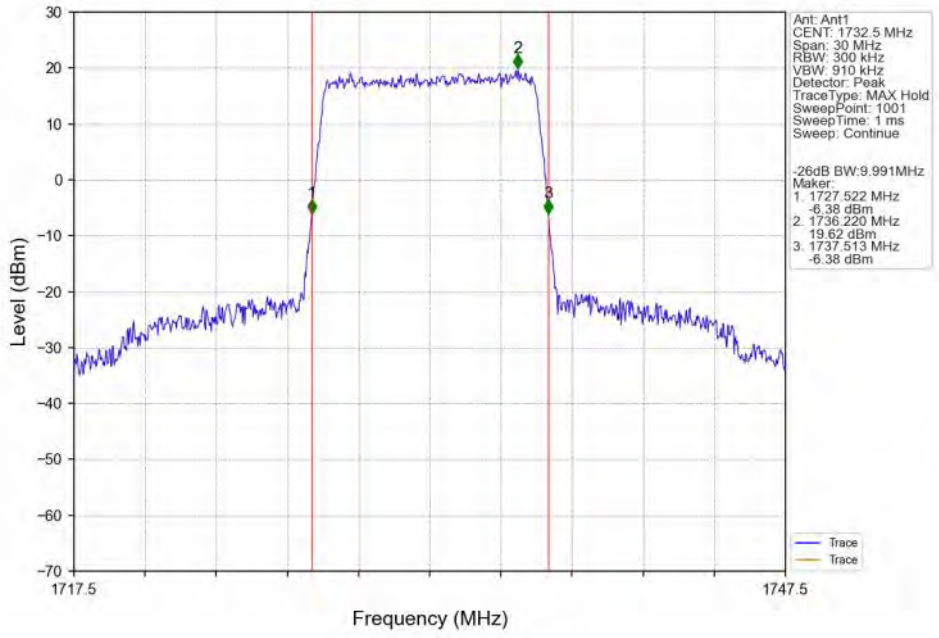
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



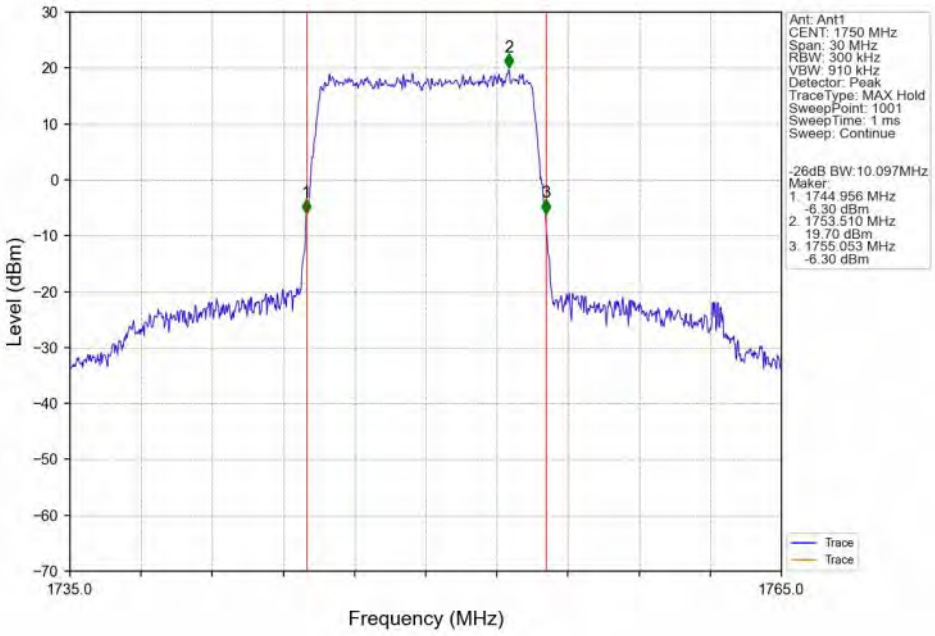
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



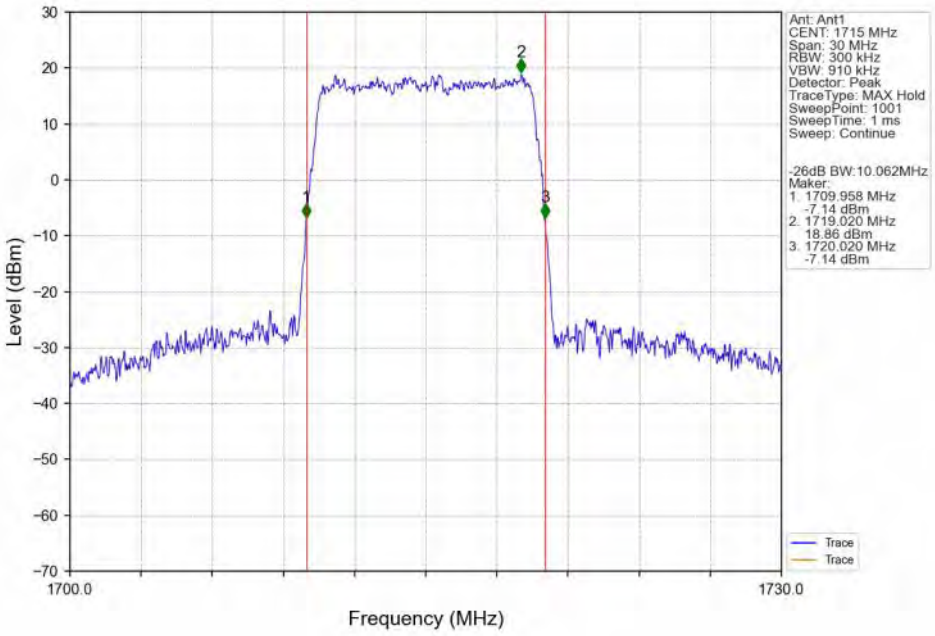
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



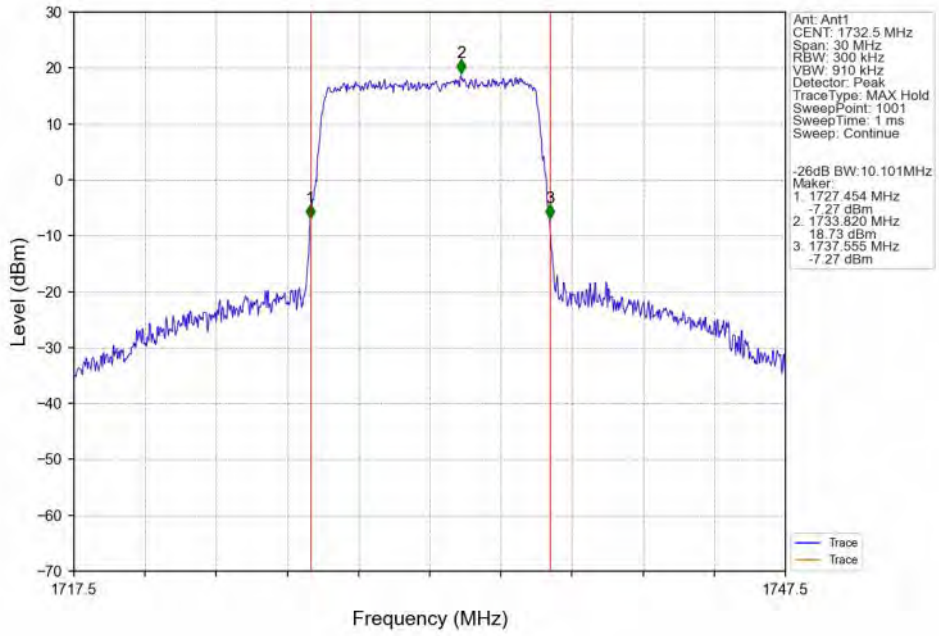
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



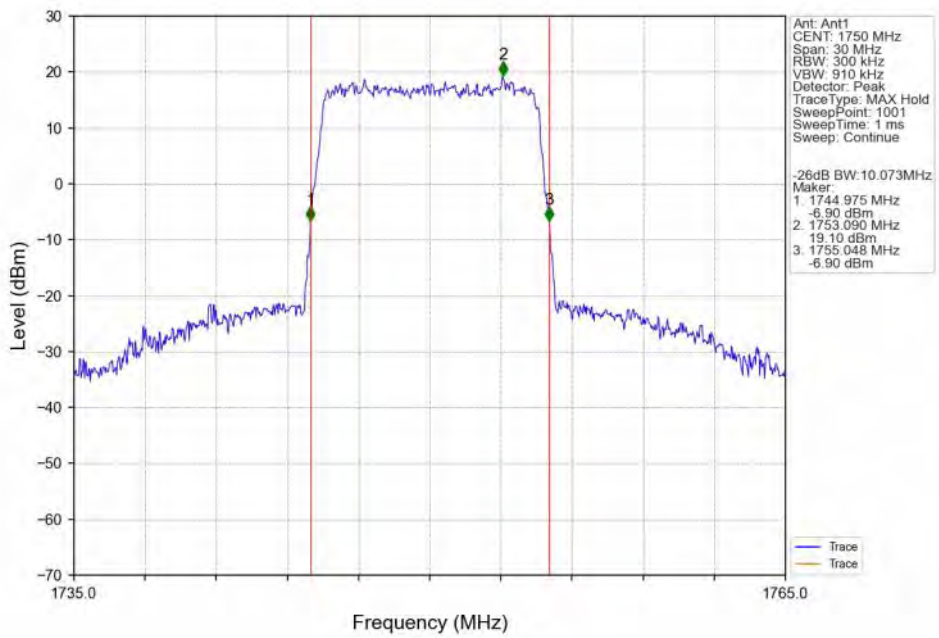
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



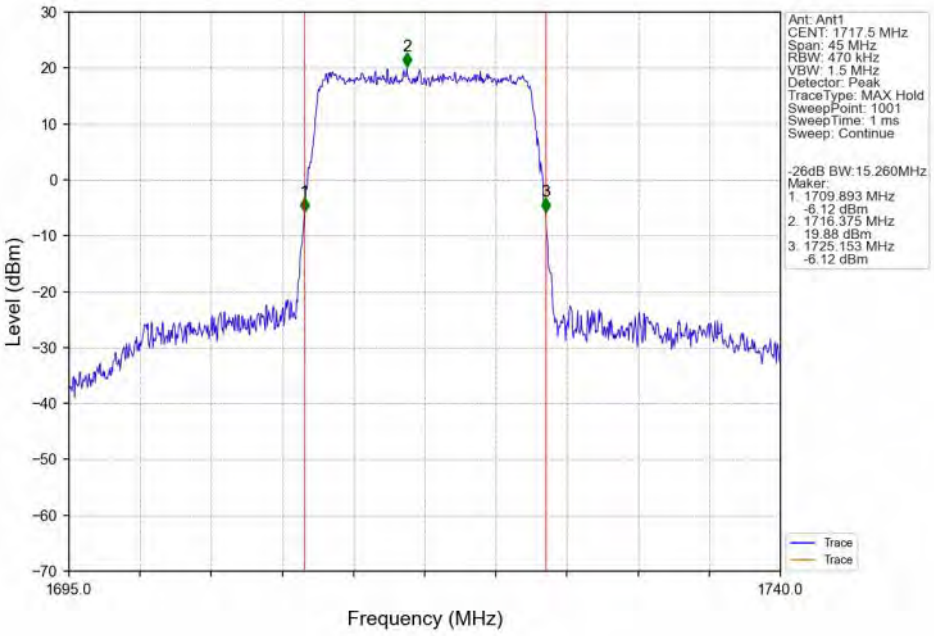
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



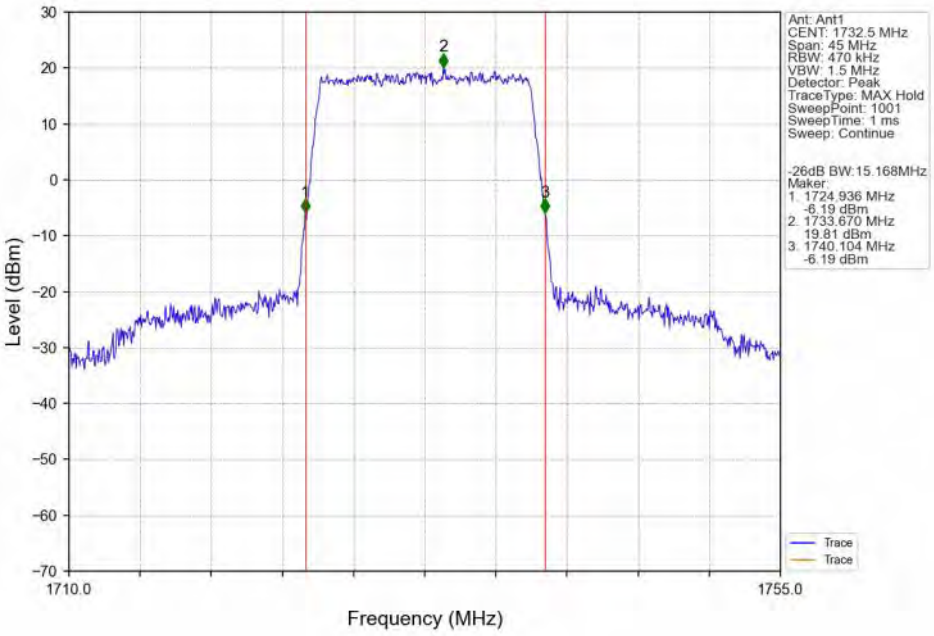
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



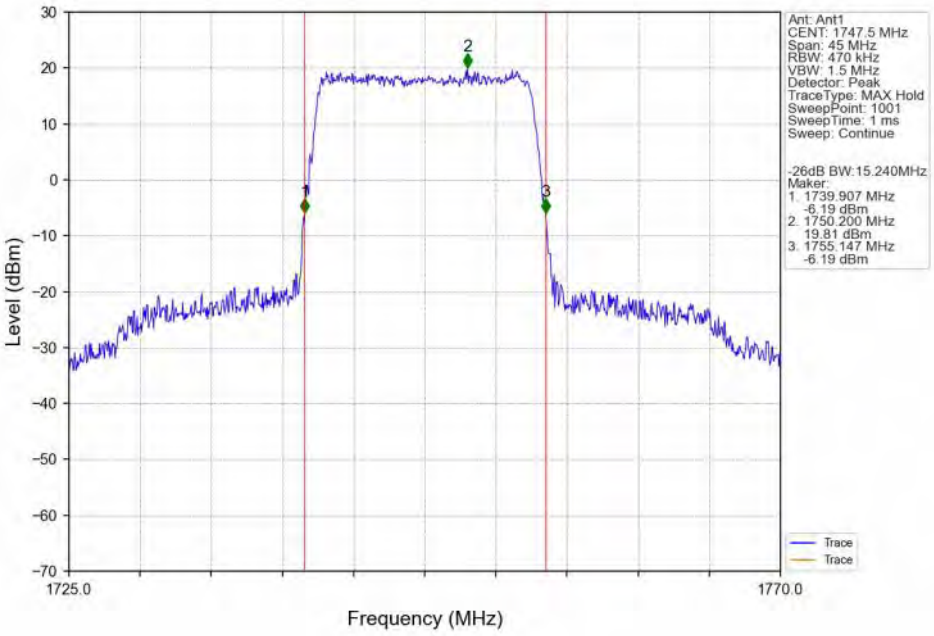
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



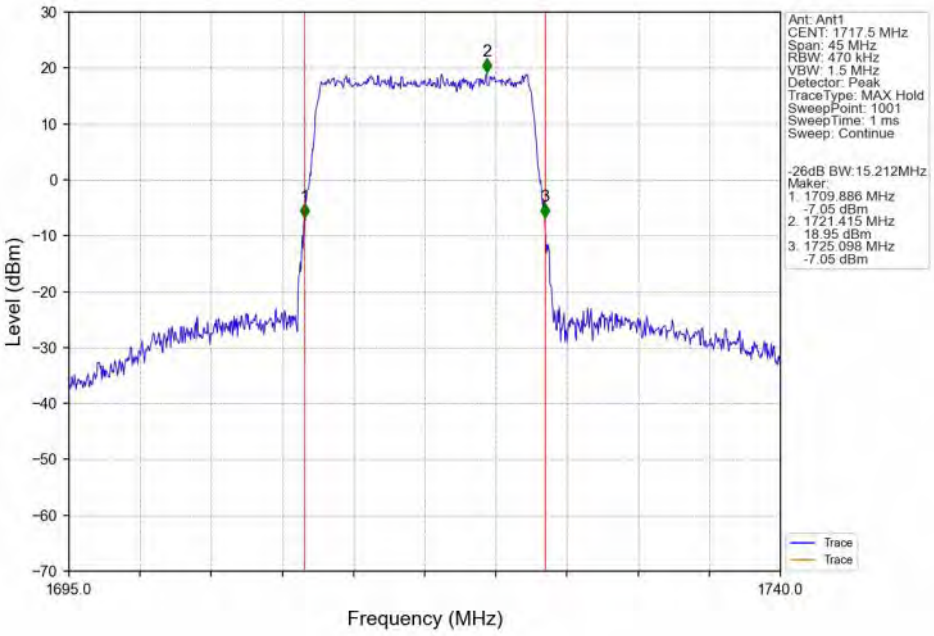
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



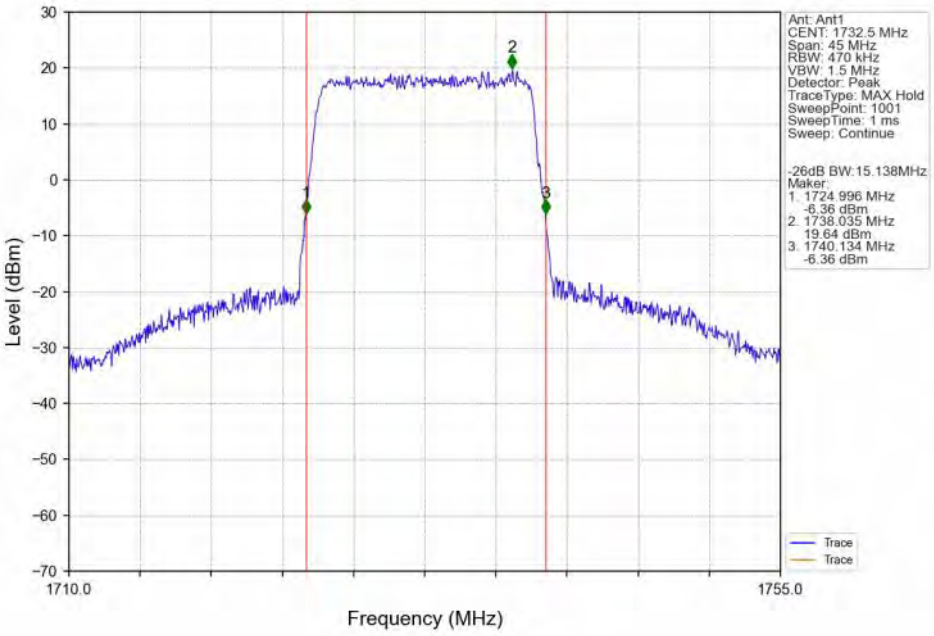
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



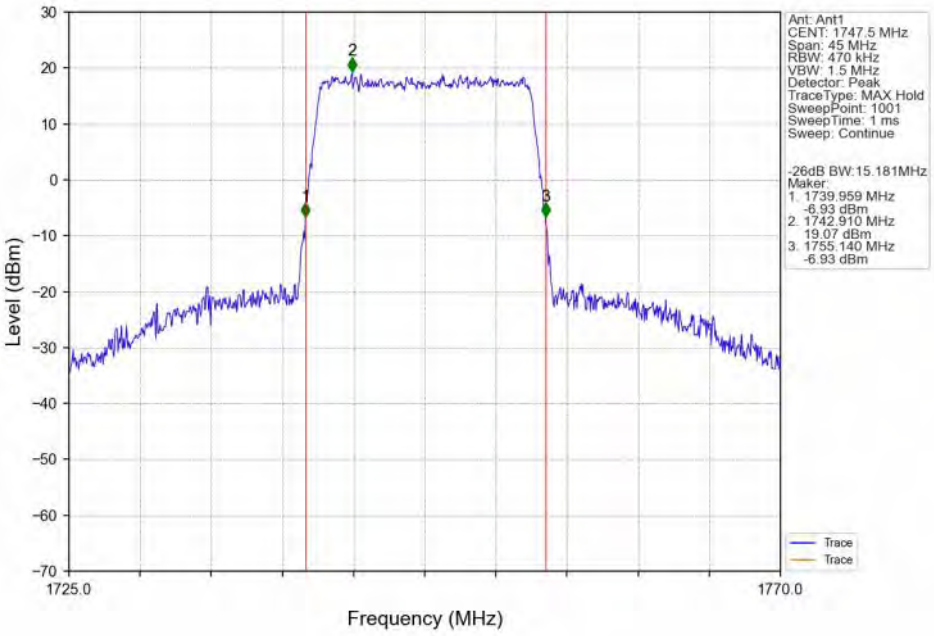
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



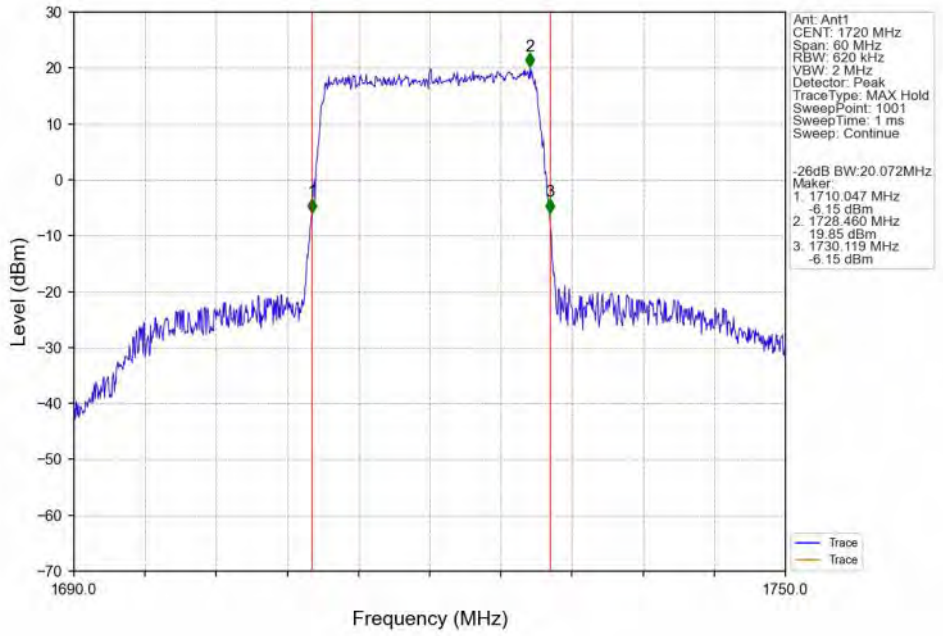
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



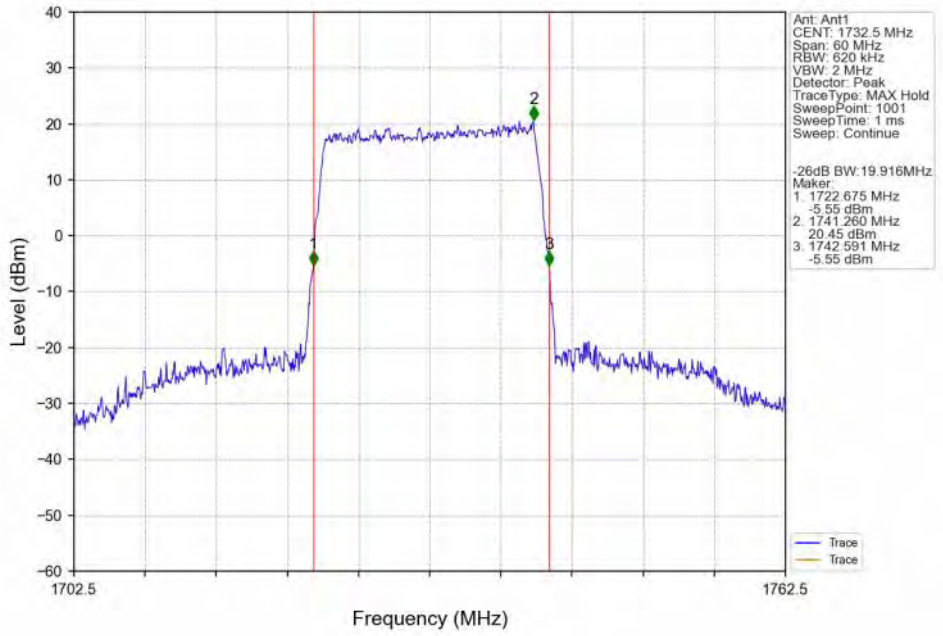
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



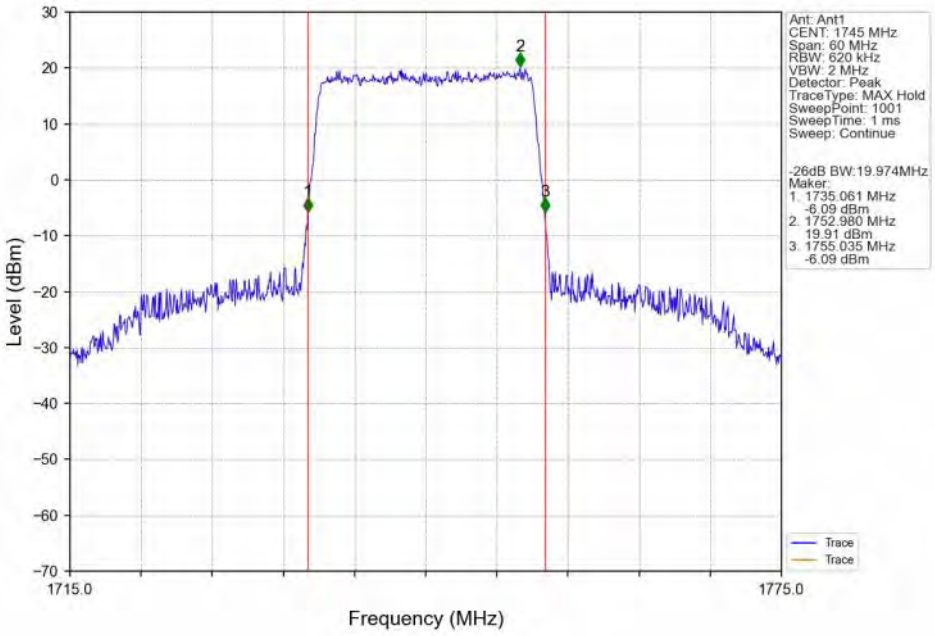
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



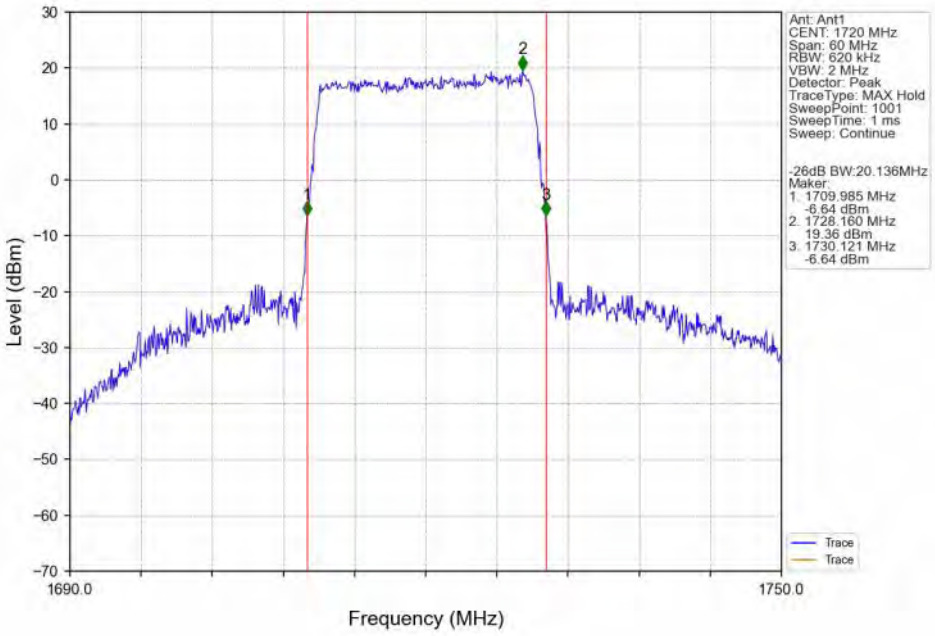
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



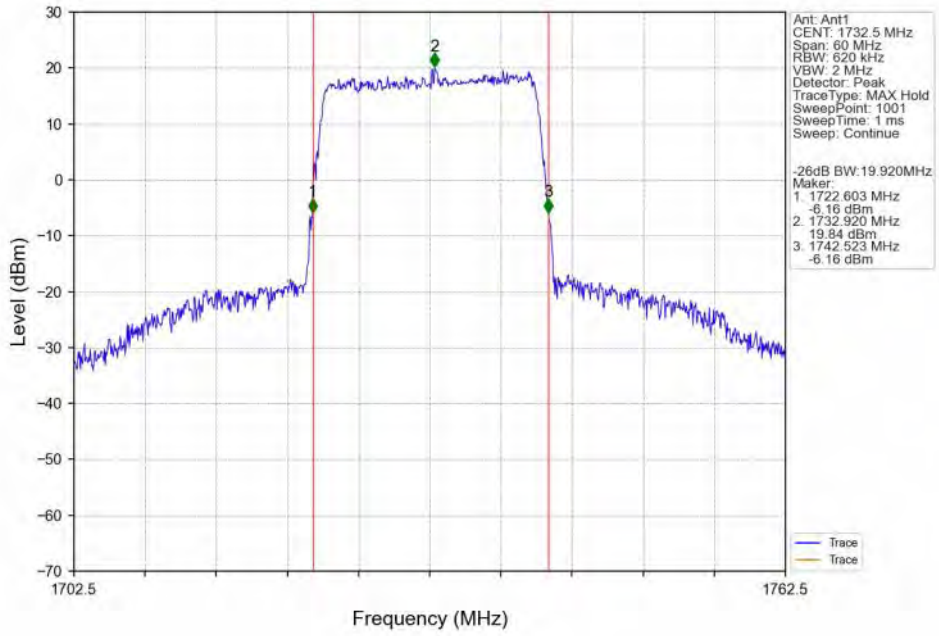
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



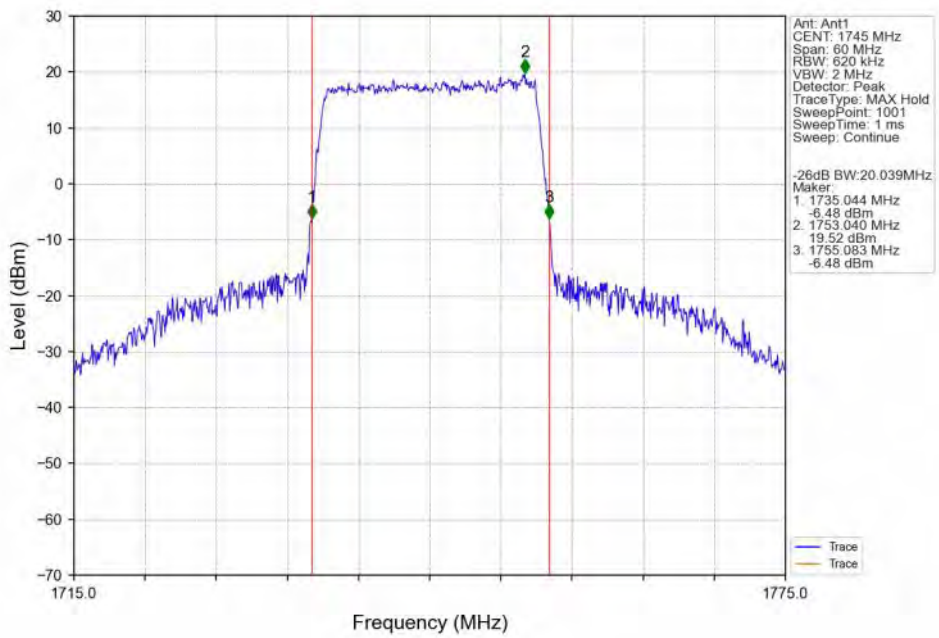
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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 Test Result

5.1.1 B4_1.4MHz

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	5.64	<=13	Pass
	1732.5	6	0	5.26	<=13	Pass
	1754.3	6	0	5.33	<=13	Pass
16QAM	1710.7	6	0	6.25	<=13	Pass
	1732.5	6	0	5.94	<=13	Pass
	1754.3	6	0	6.01	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.65	<=13	Pass
	1732.5	15	0	5.31	<=13	Pass
	1753.5	15	0	5.43	<=13	Pass
16QAM	1711.5	15	0	6.38	<=13	Pass
	1732.5	15	0	6.01	<=13	Pass
	1753.5	15	0	6.10	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.67	<=13	Pass
	1732.5	25	0	5.48	<=13	Pass
	1752.5	25	0	5.51	<=13	Pass
16QAM	1712.5	25	0	6.42	<=13	Pass
	1732.5	25	0	6.13	<=13	Pass
	1752.5	25	0	6.10	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.73	<=13	Pass
	1732.5	50	0	5.49	<=13	Pass
	1750	50	0	5.54	<=13	Pass
16QAM	1715	50	0	6.43	<=13	Pass
	1732.5	50	0	6.17	<=13	Pass

	1750	50	0	6.20	<=13	Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.95	<=13	Pass
	1732.5	75	0	5.72	<=13	Pass
	1747.5	75	0	5.73	<=13	Pass
16QAM	1717.5	75	0	6.41	<=13	Pass
	1732.5	75	0	6.15	<=13	Pass
	1747.5	75	0	6.19	<=13	Pass

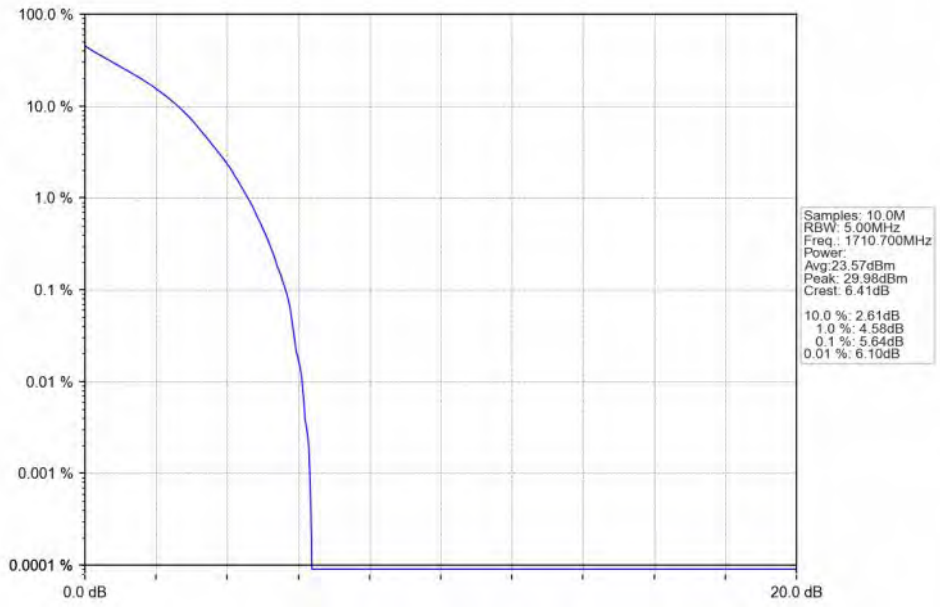
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.73	<=13	Pass
	1732.5	100	0	5.55	<=13	Pass
	1745	100	0	5.50	<=13	Pass
16QAM	1720	100	0	6.38	<=13	Pass
	1732.5	100	0	6.19	<=13	Pass
	1745	100	0	6.20	<=13	Pass

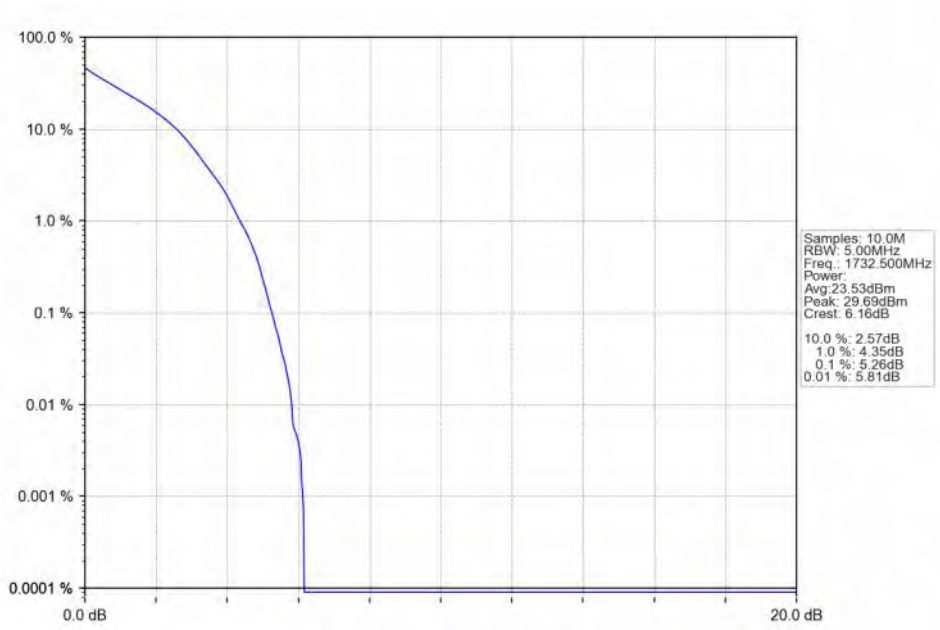
5.2 Test Graph

5.2.1 B4_1.4MHz

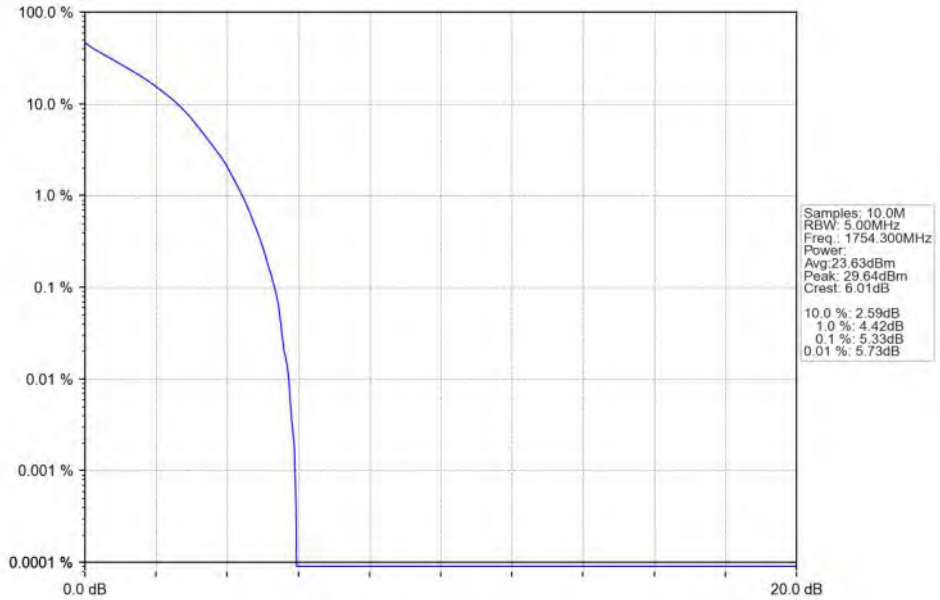
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



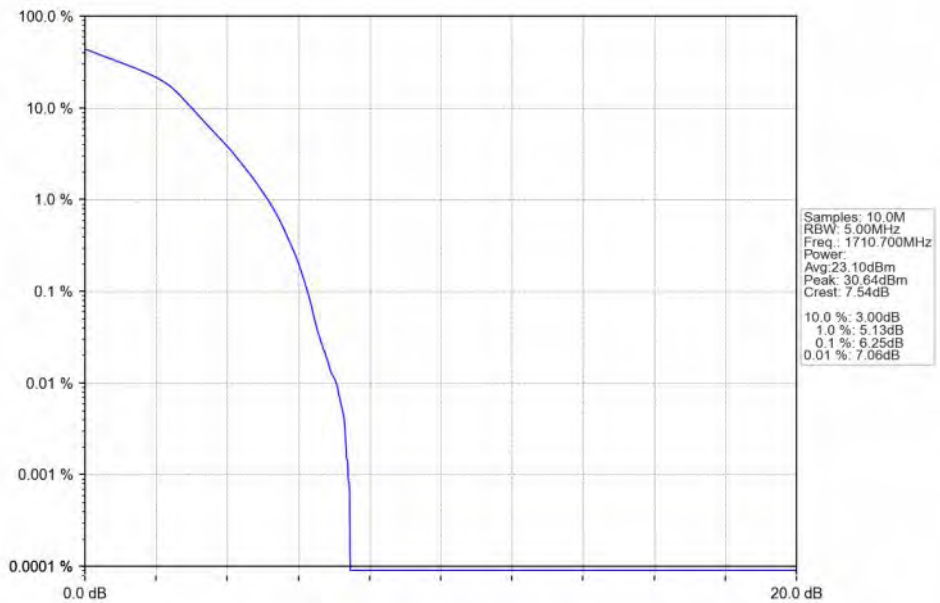
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

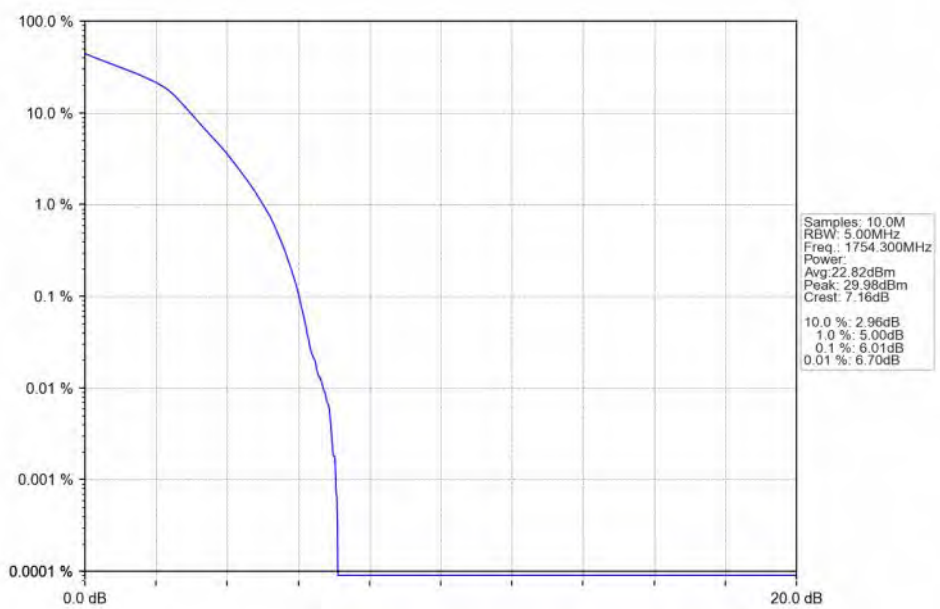


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

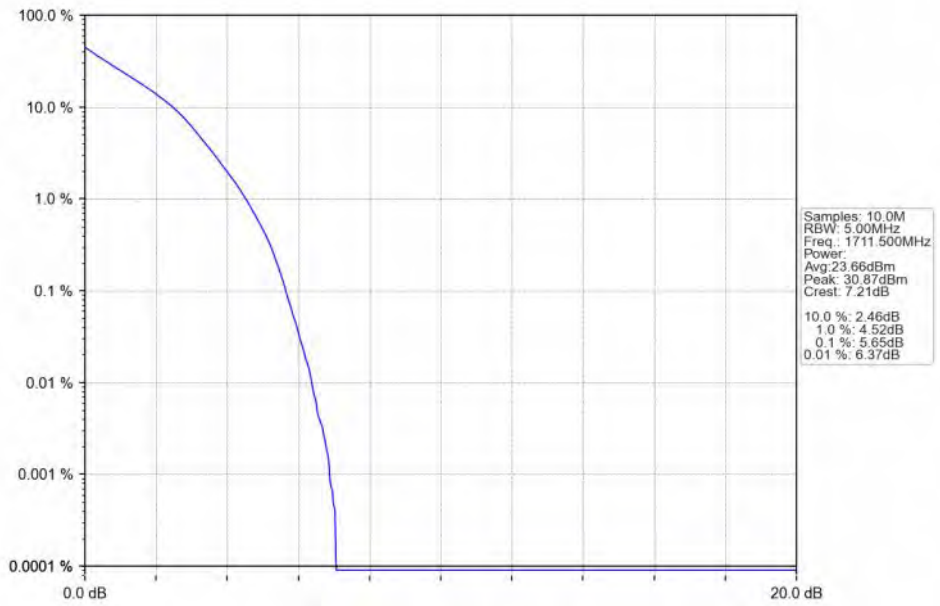


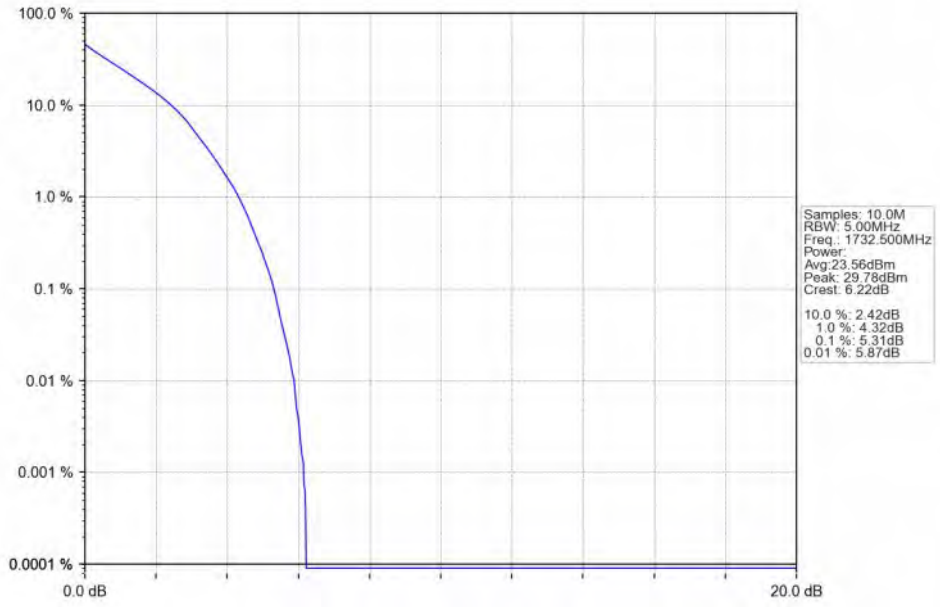
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

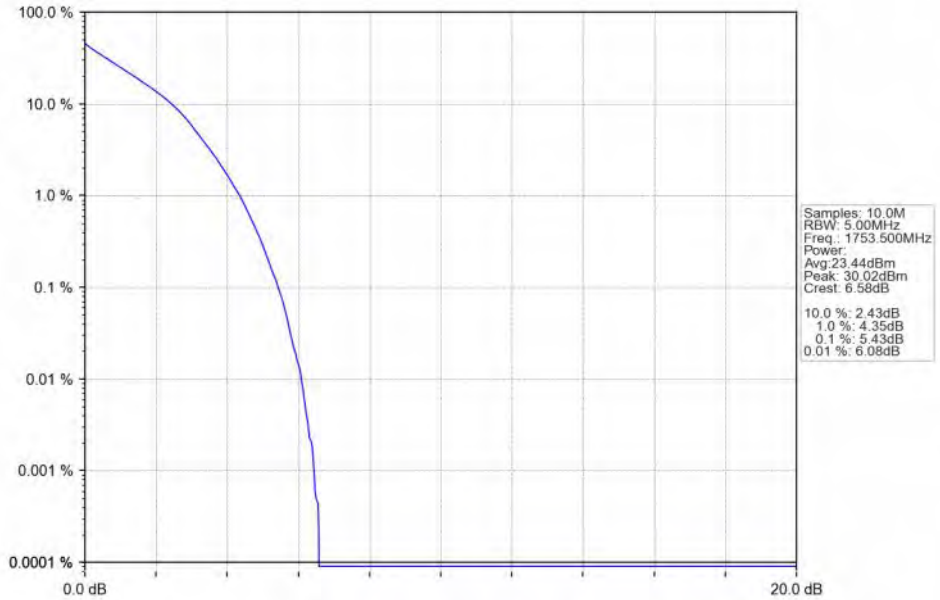


5.2.2 B4_3MHz

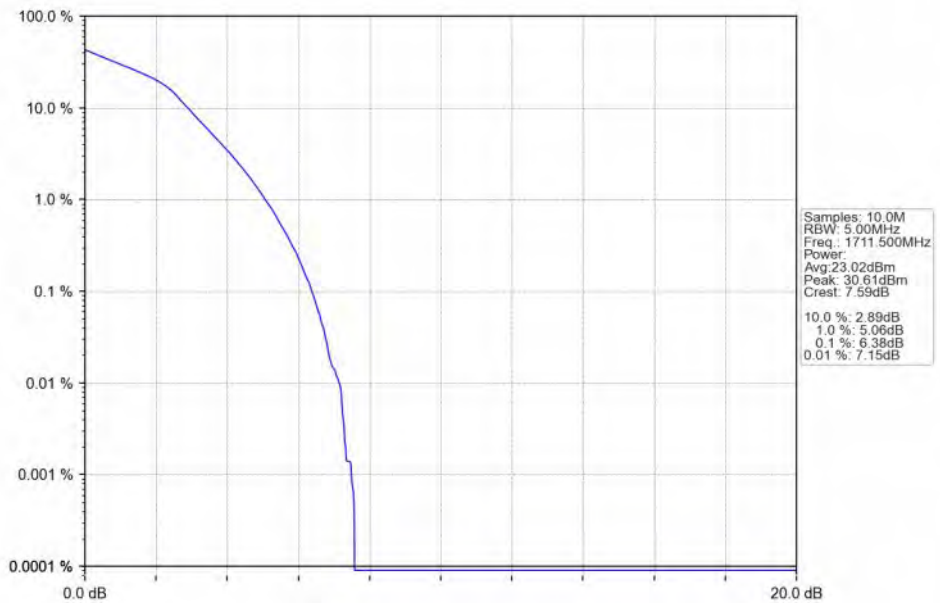
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


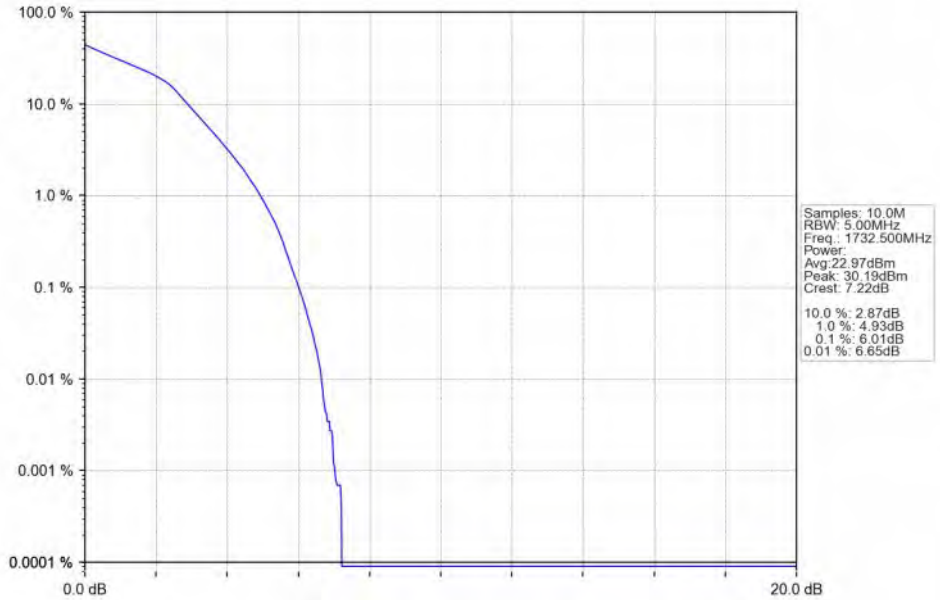
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



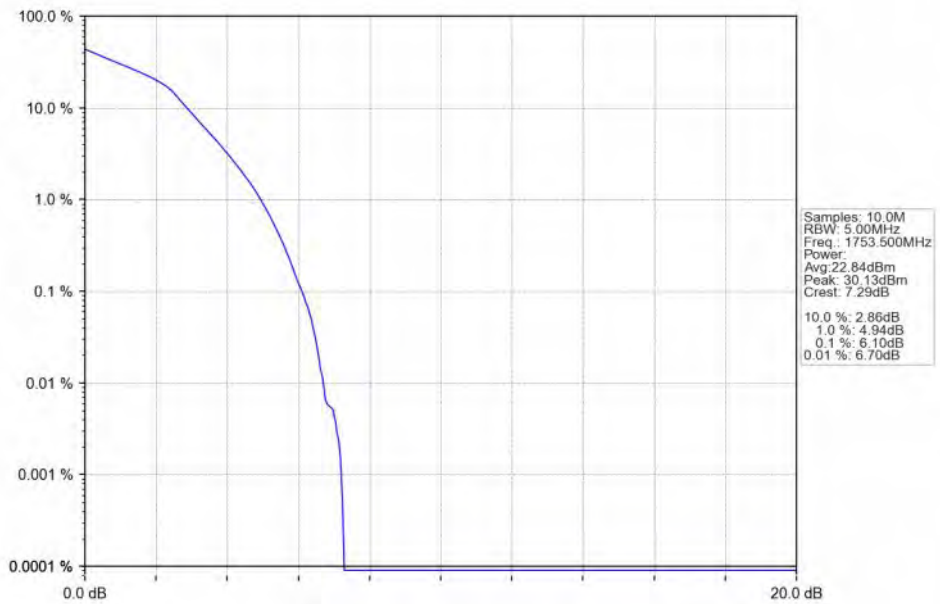
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

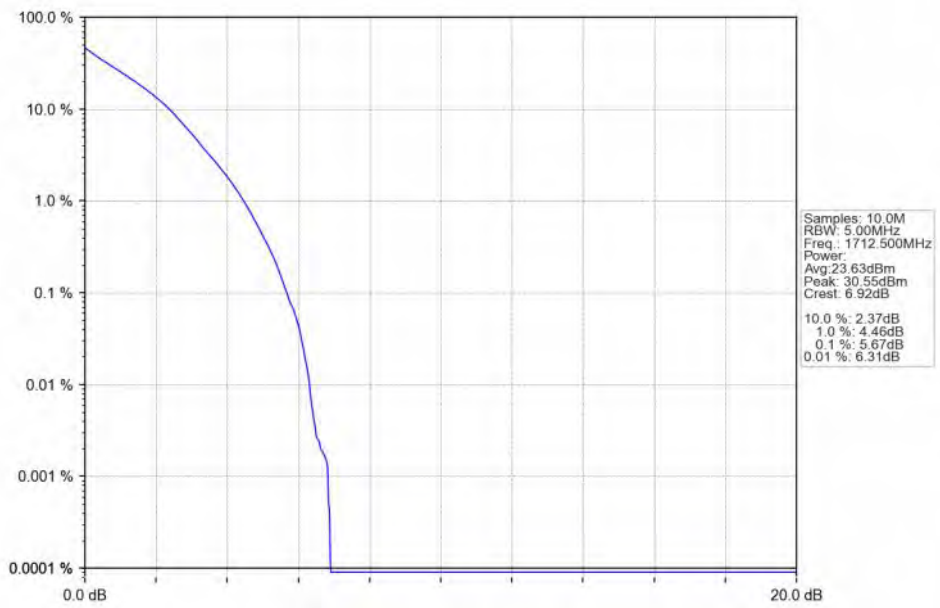


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

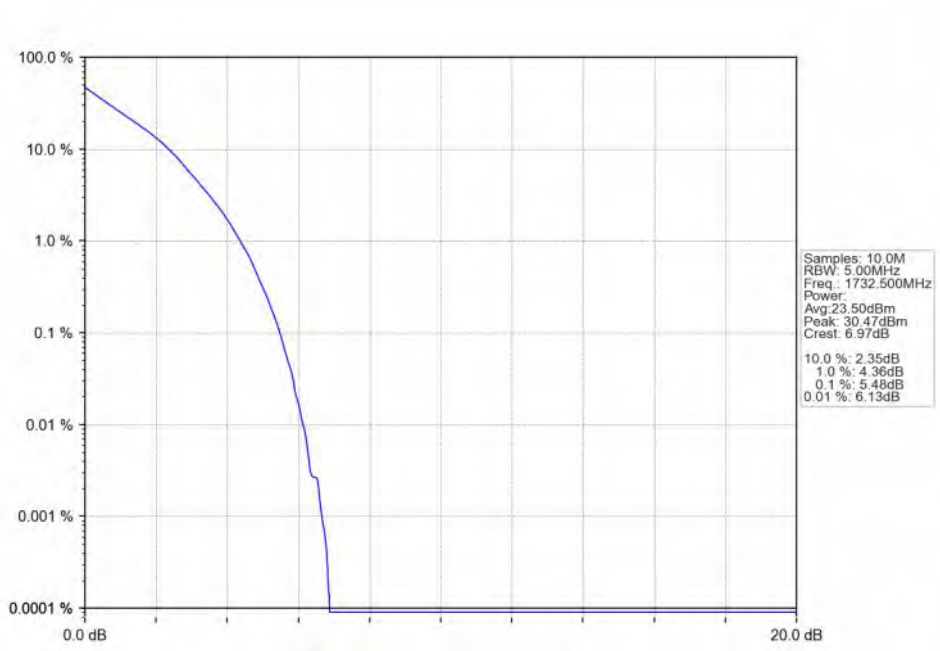


5.2.3 B4_5MHz

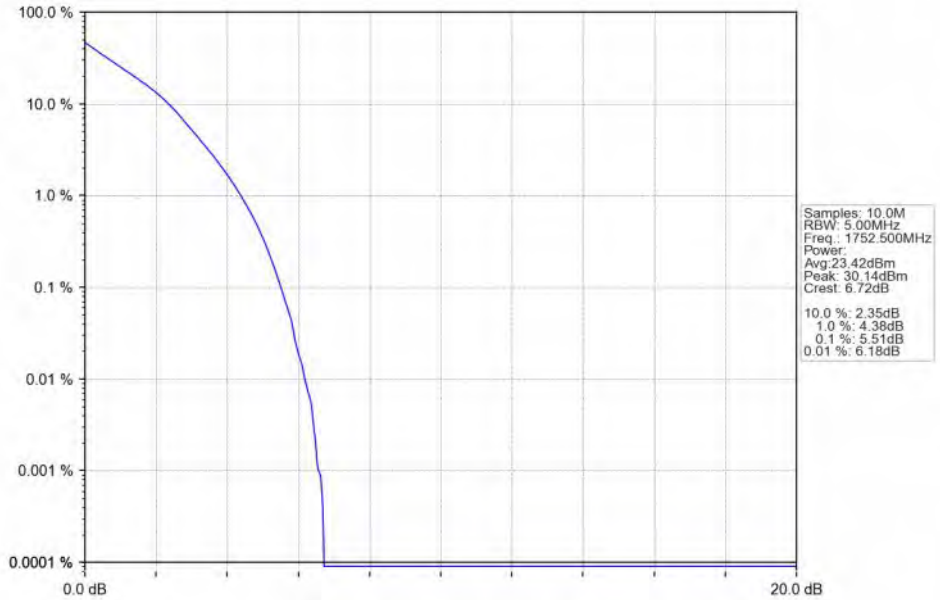
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



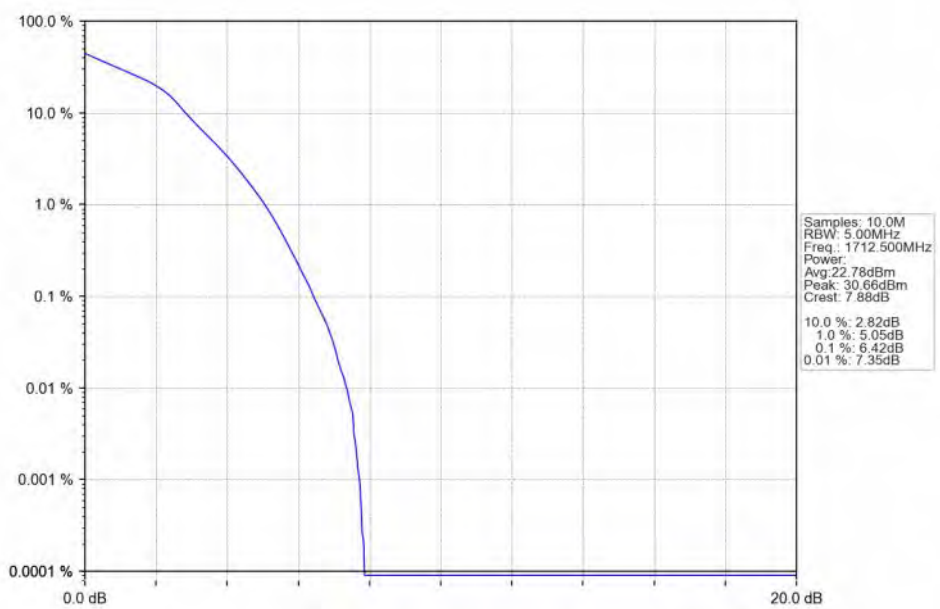
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



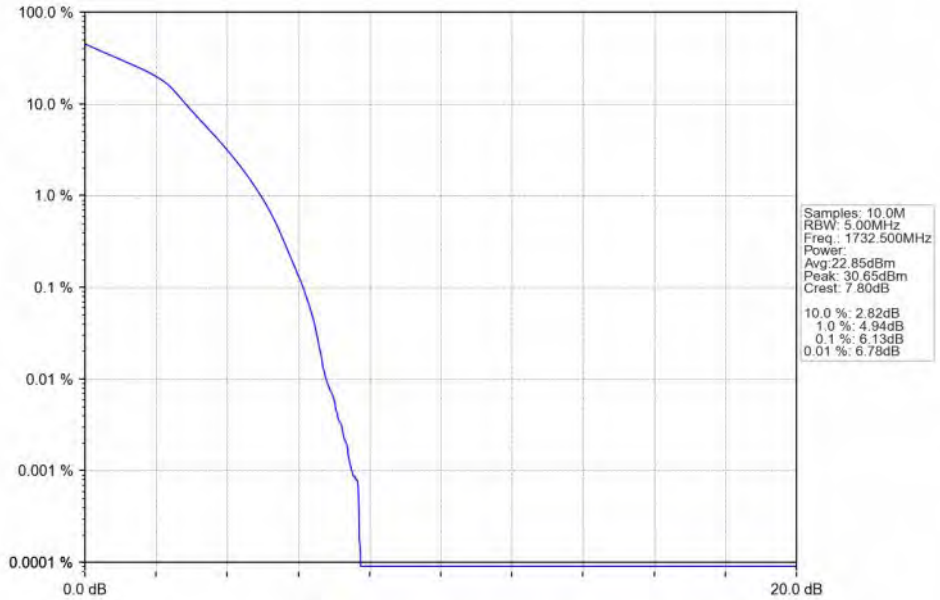
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



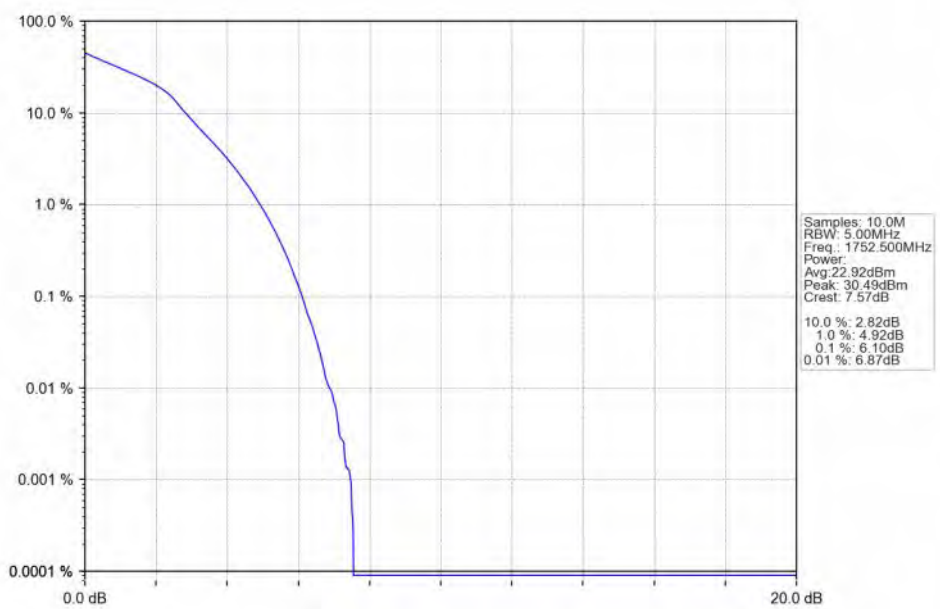
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

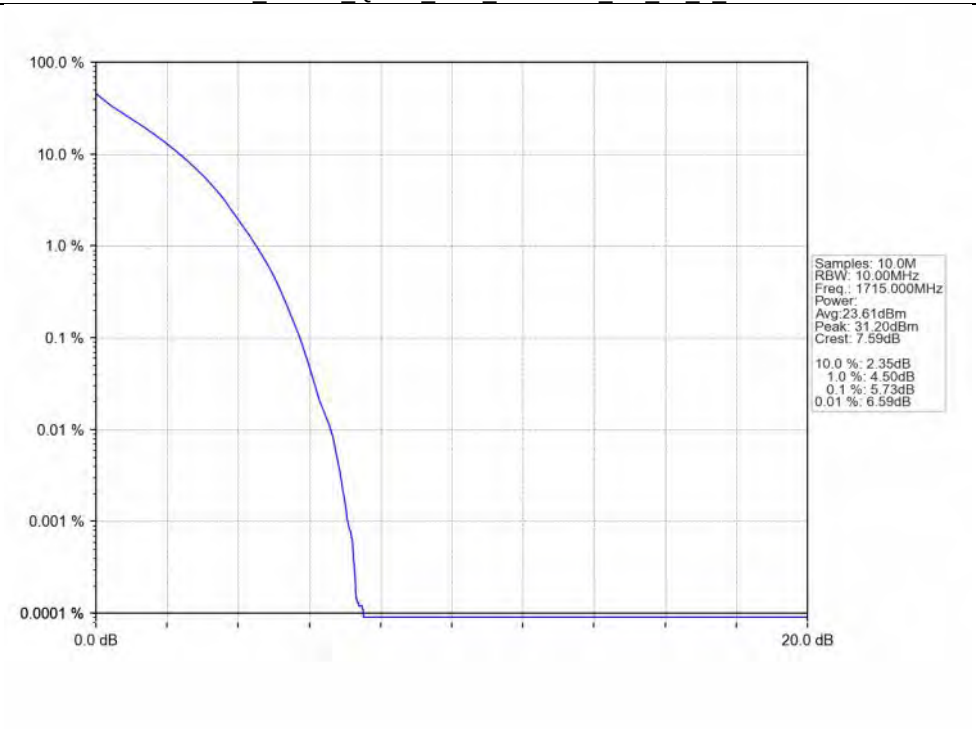


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

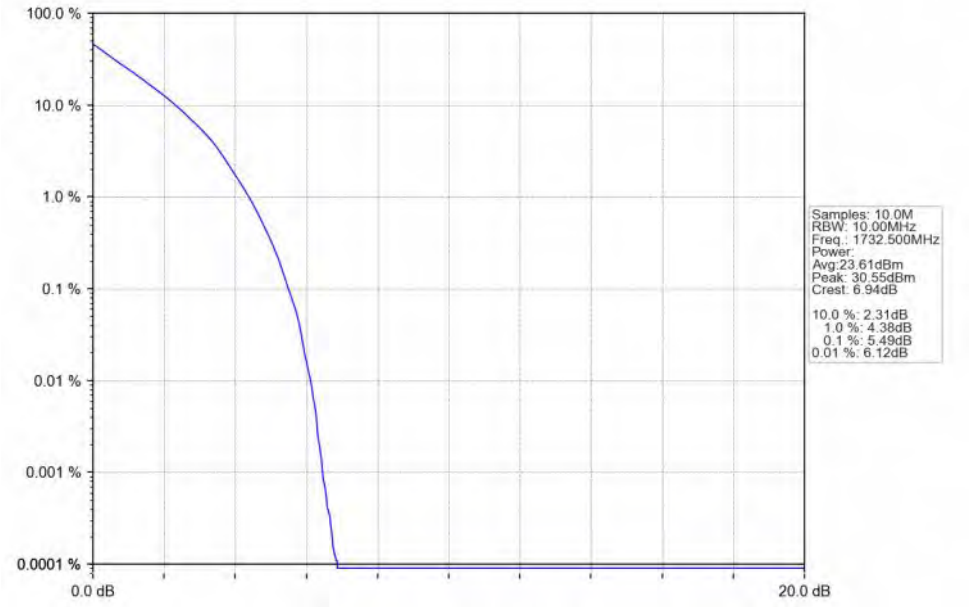


5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

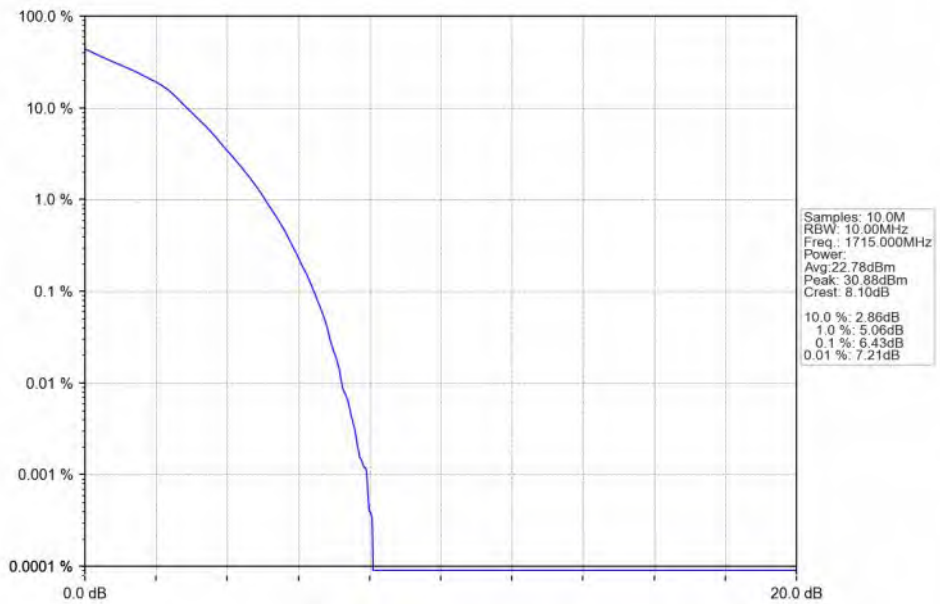


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

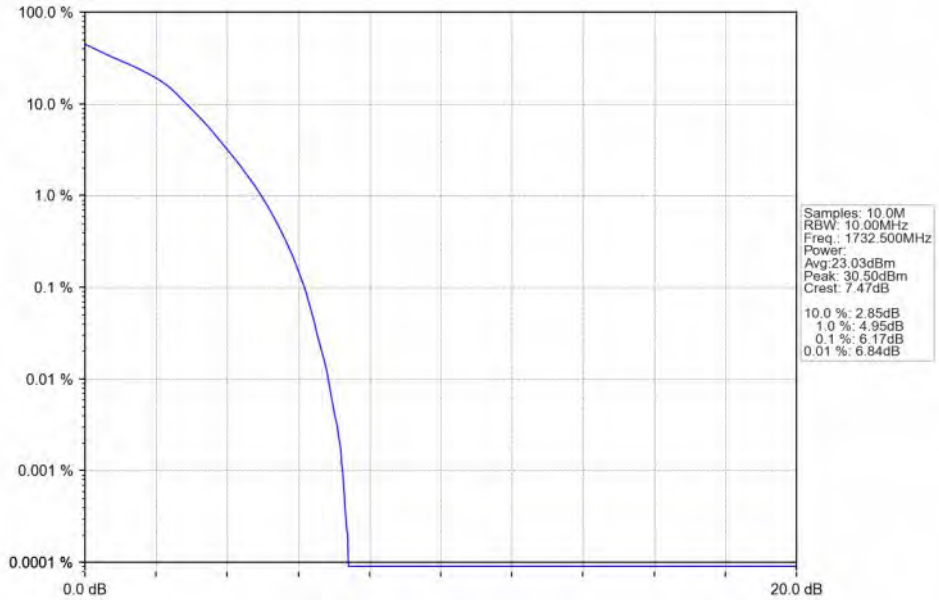


Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

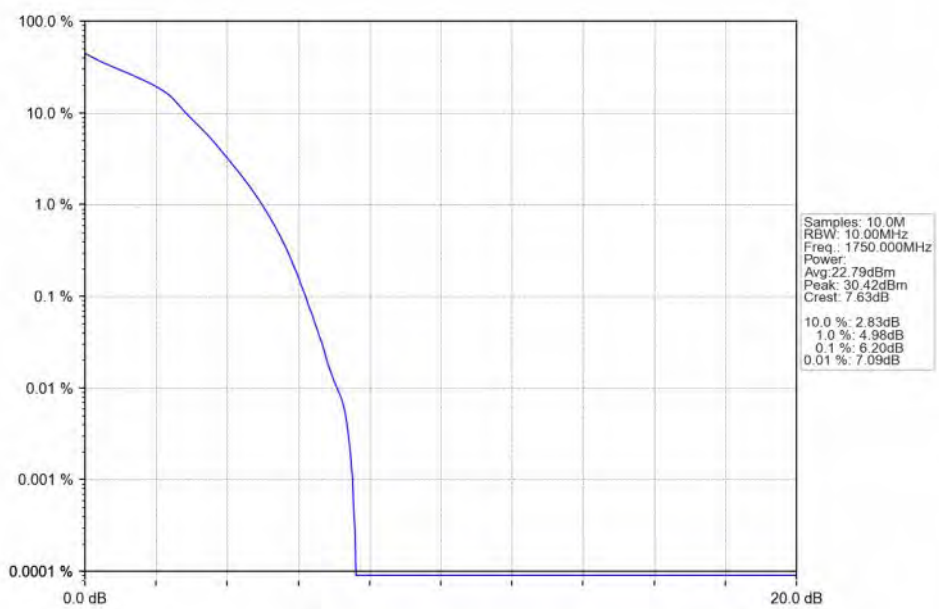
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

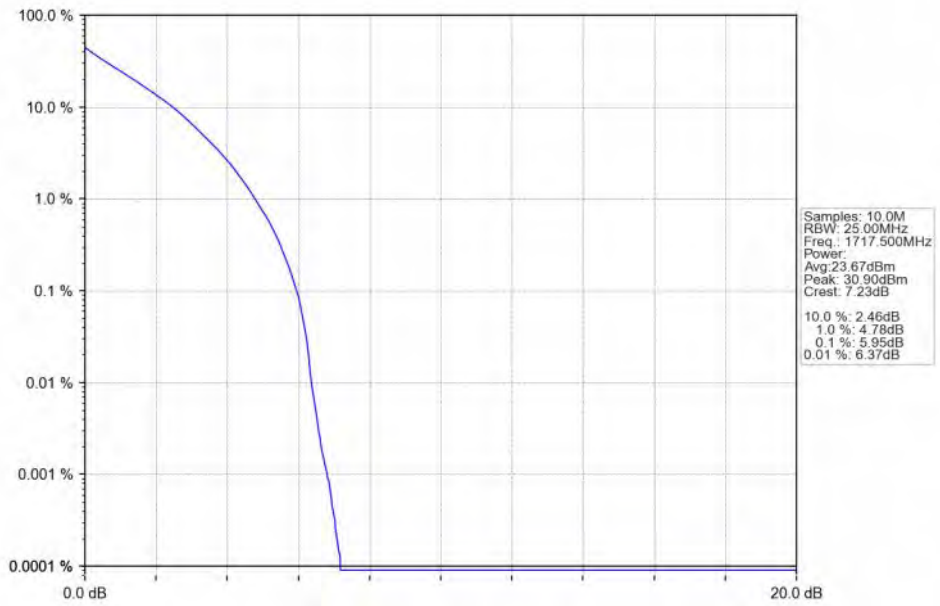


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

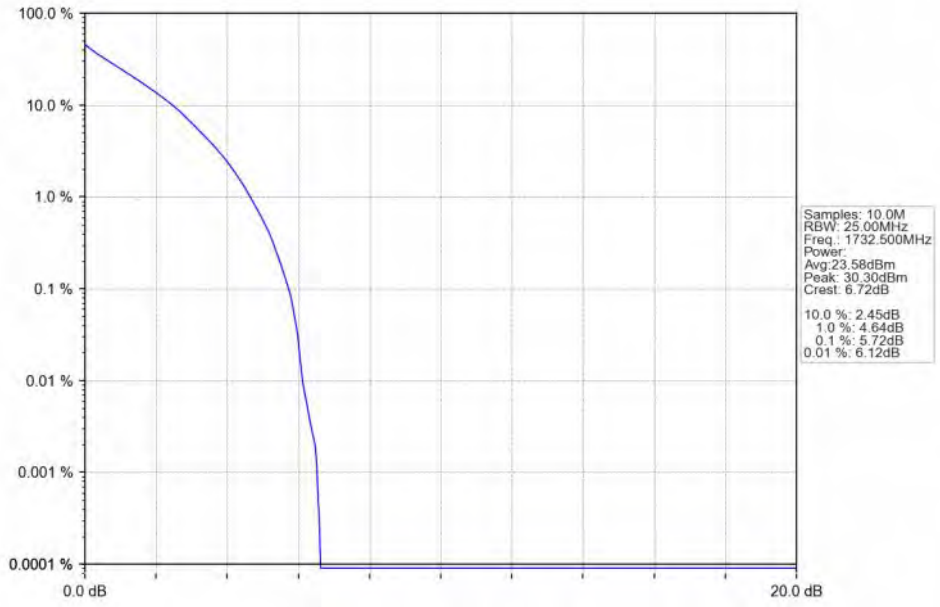


5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

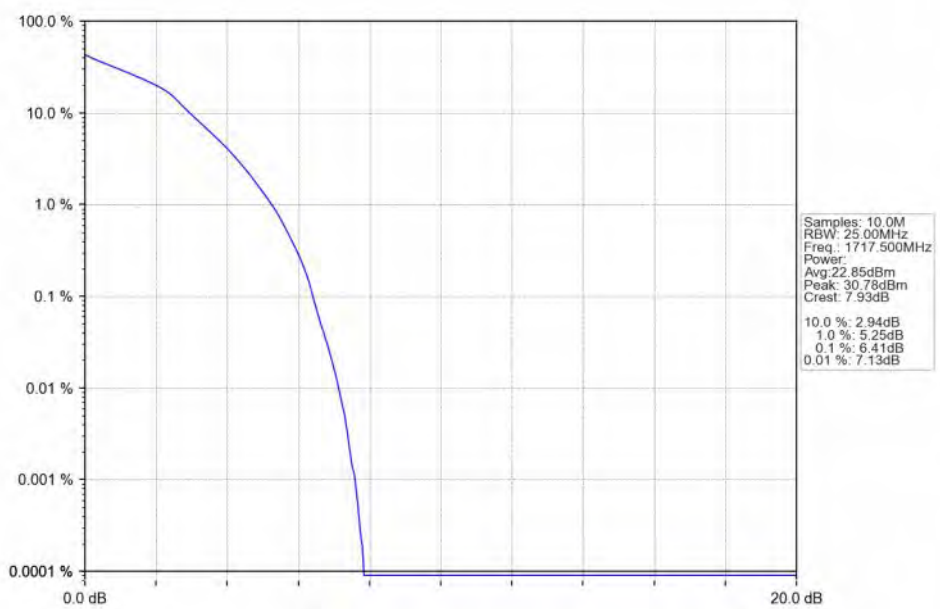


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



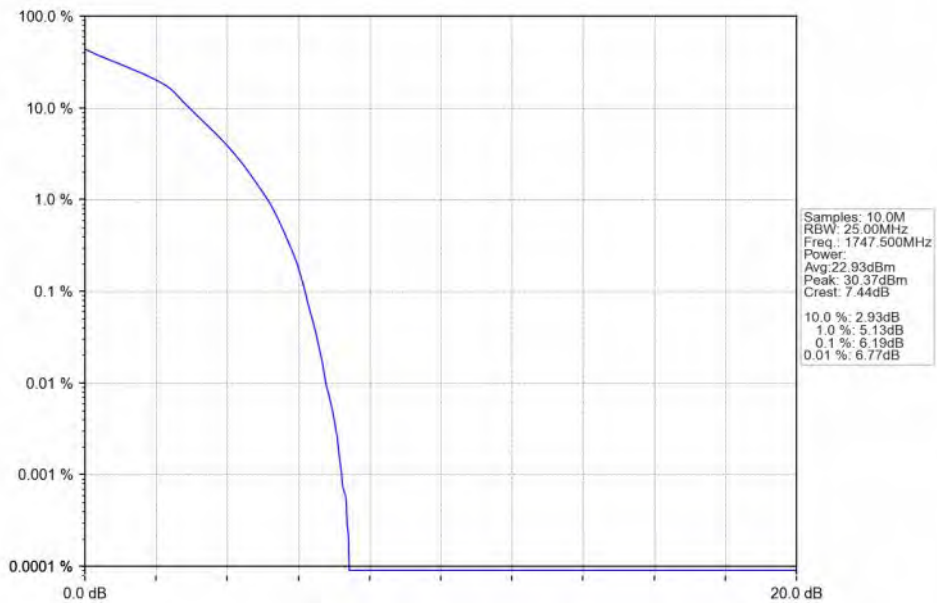
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



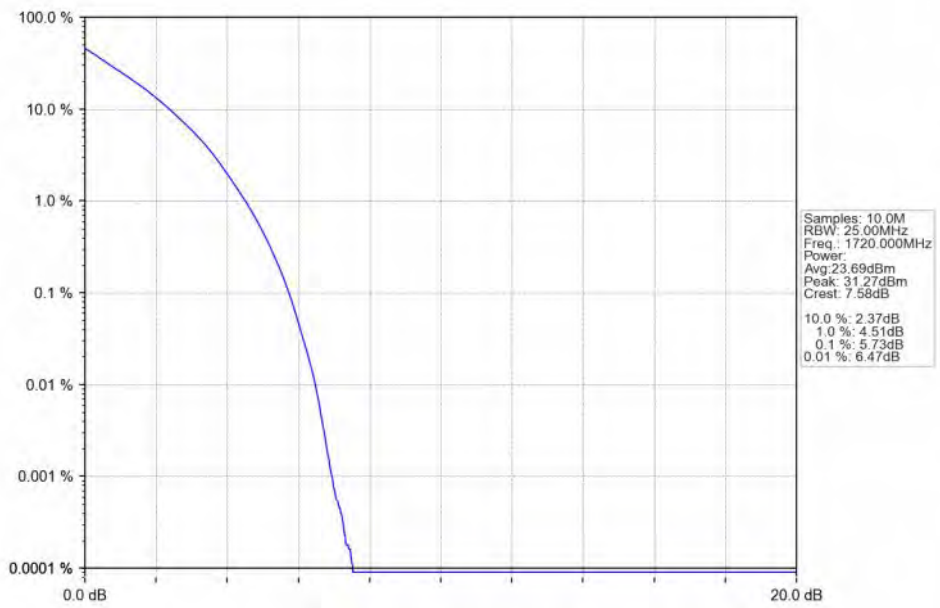
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

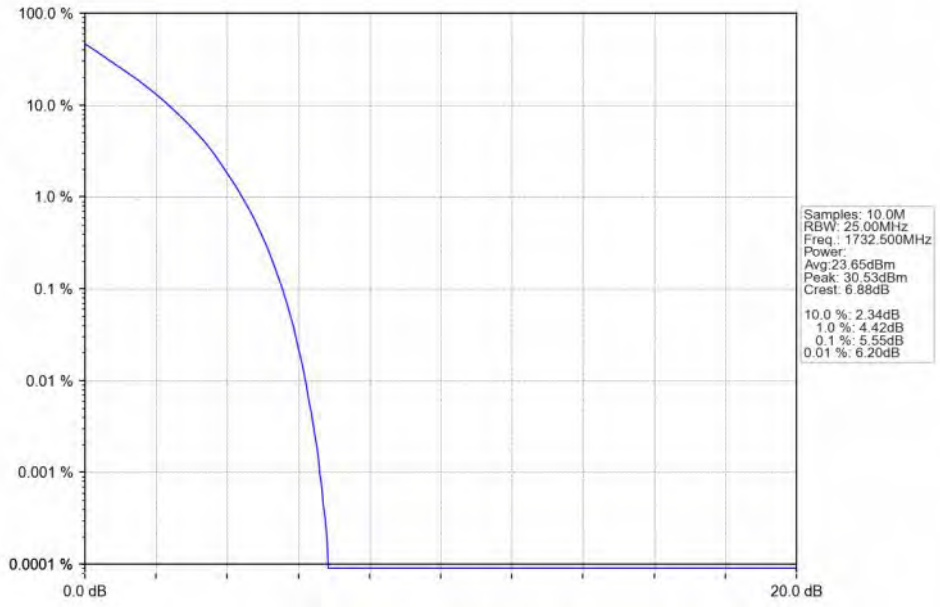


5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

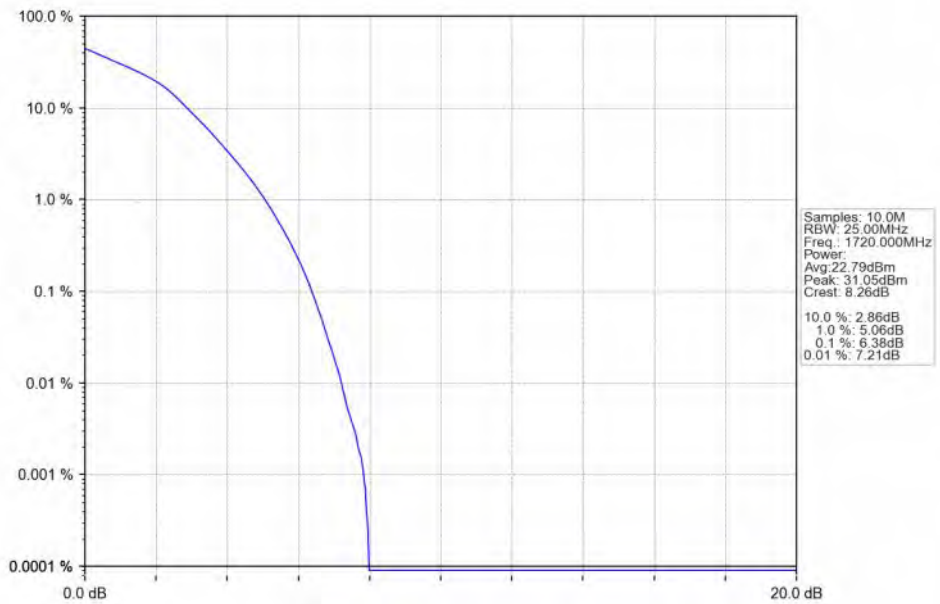


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

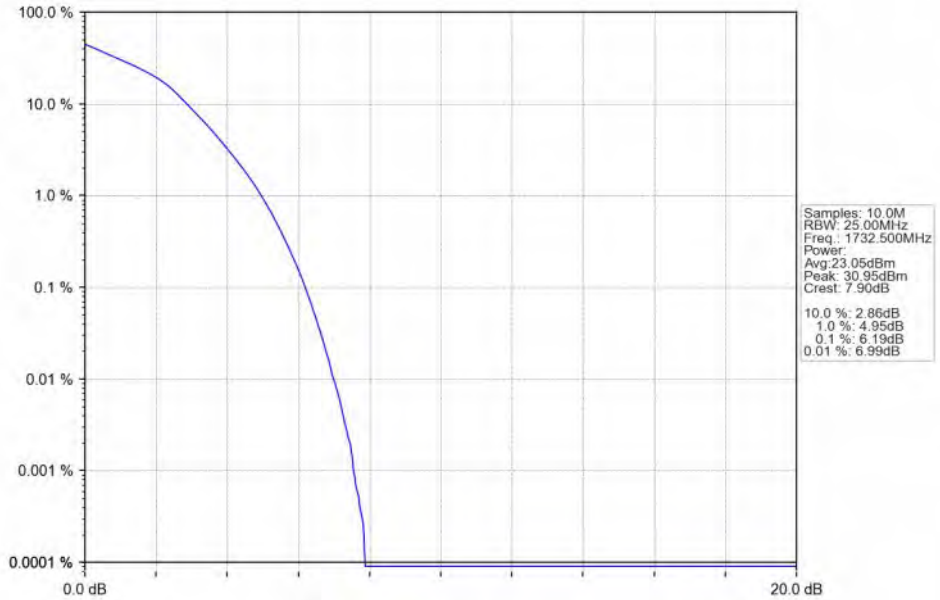


Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

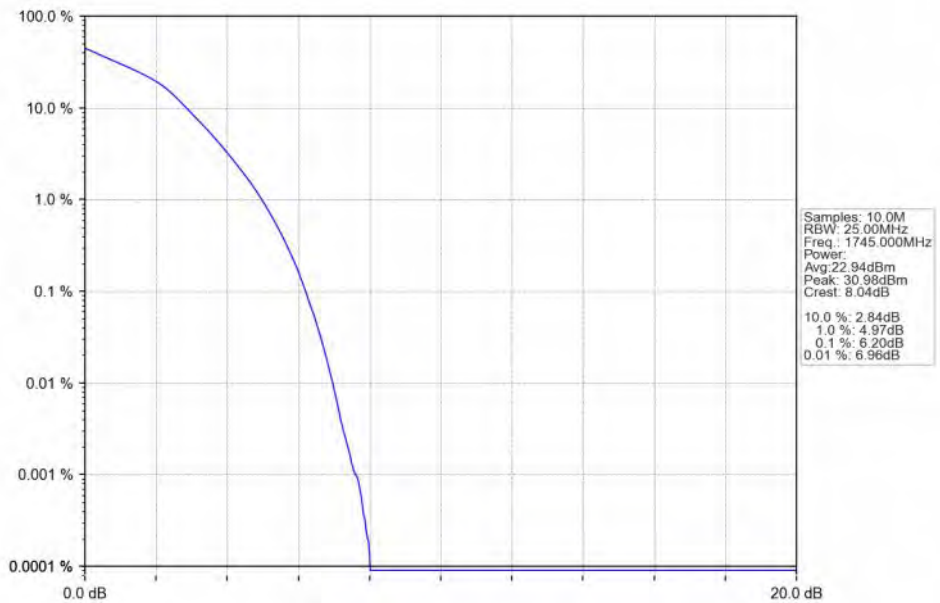
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

		25	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.6 B4_20MHz

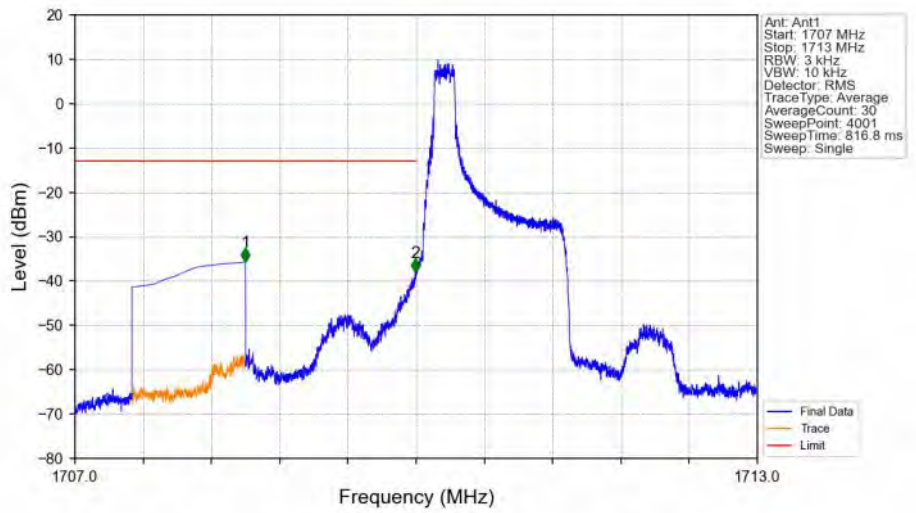
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass

		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

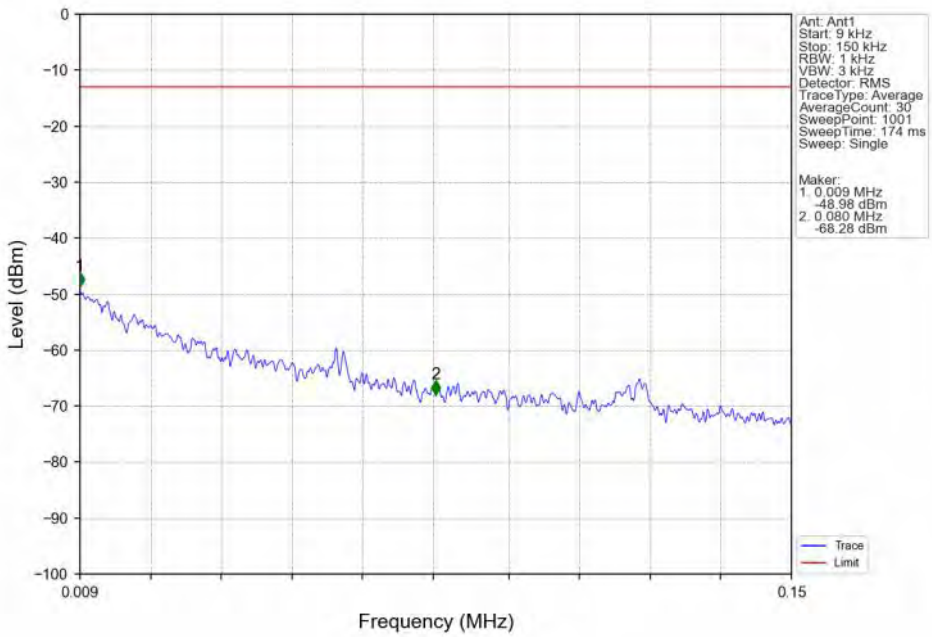
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

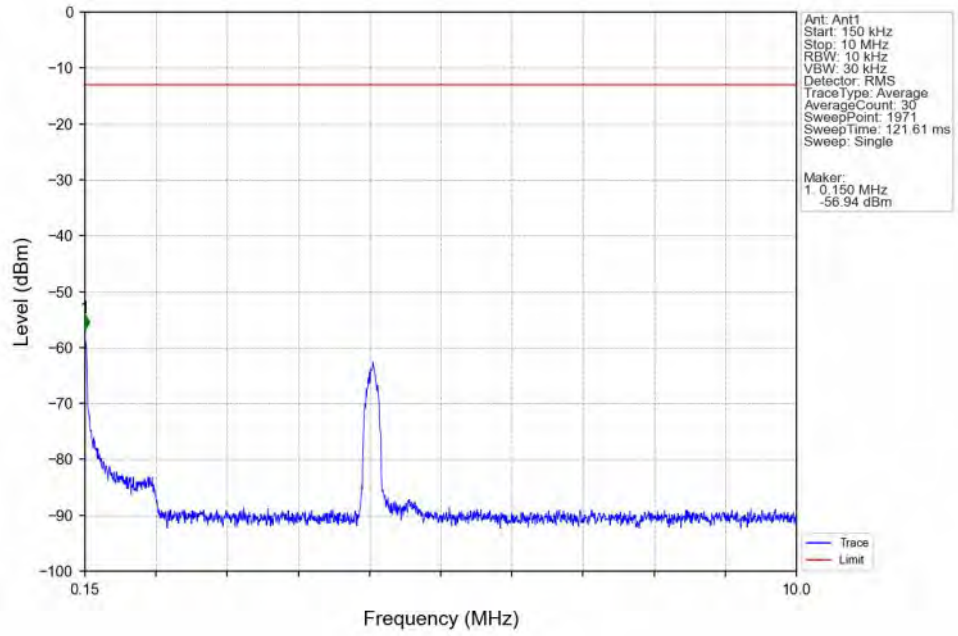


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-35.71	-13	Pass
1709	1710	0.003	/	2	1709.993	-38.08	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

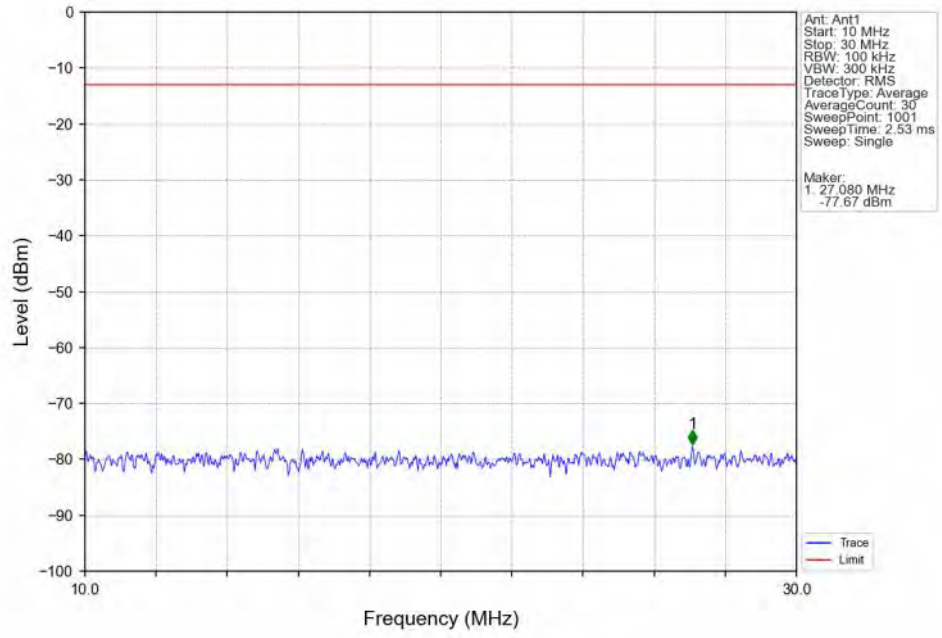
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



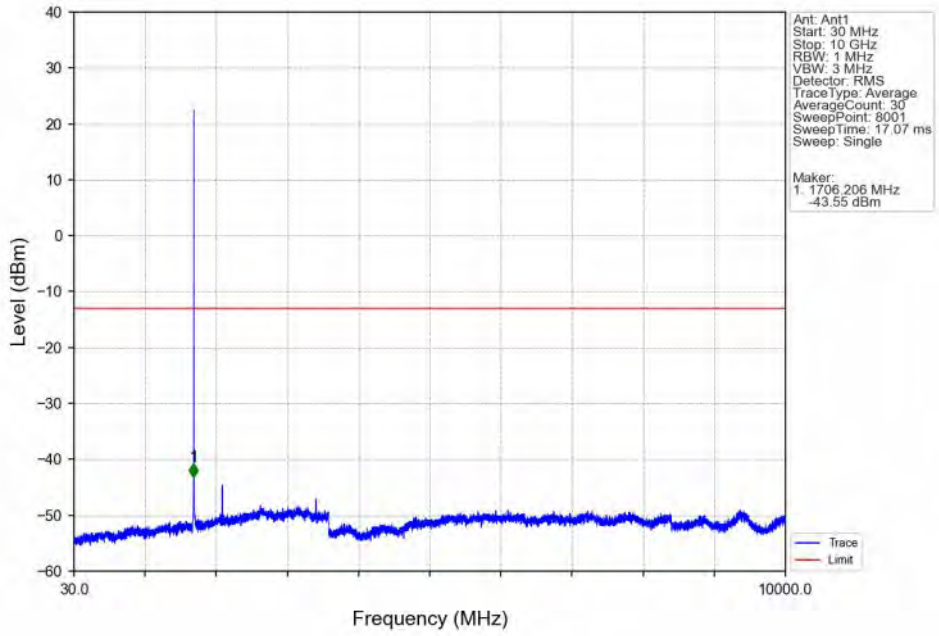
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



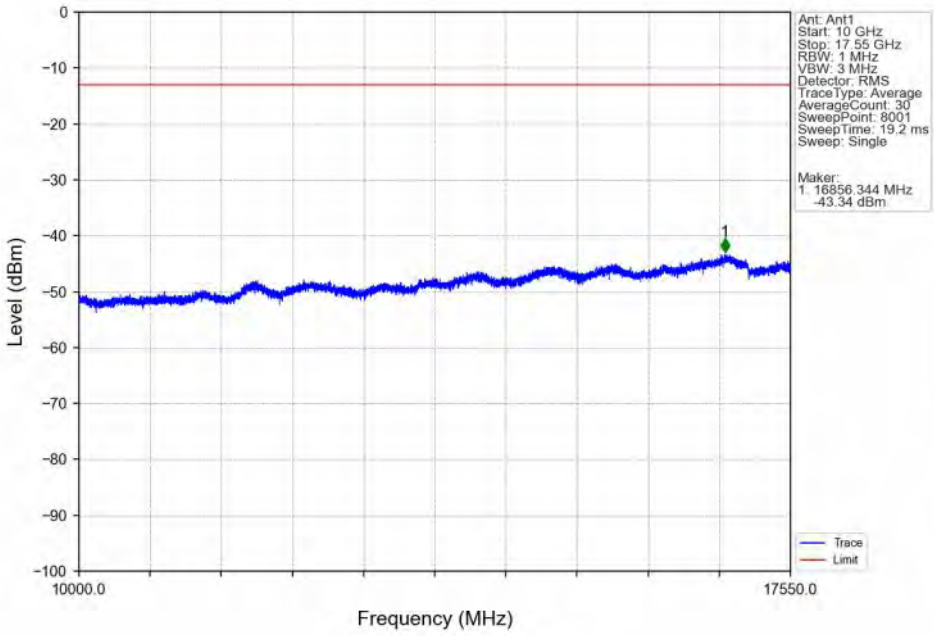
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



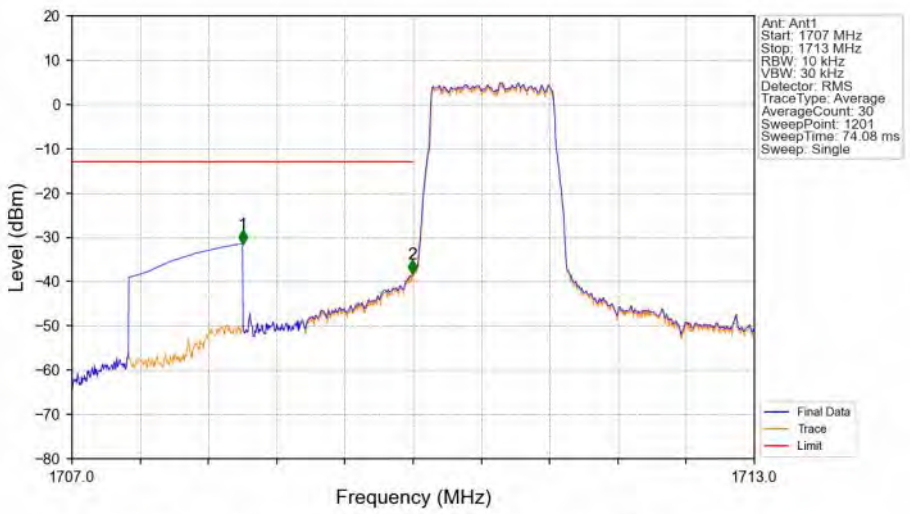
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

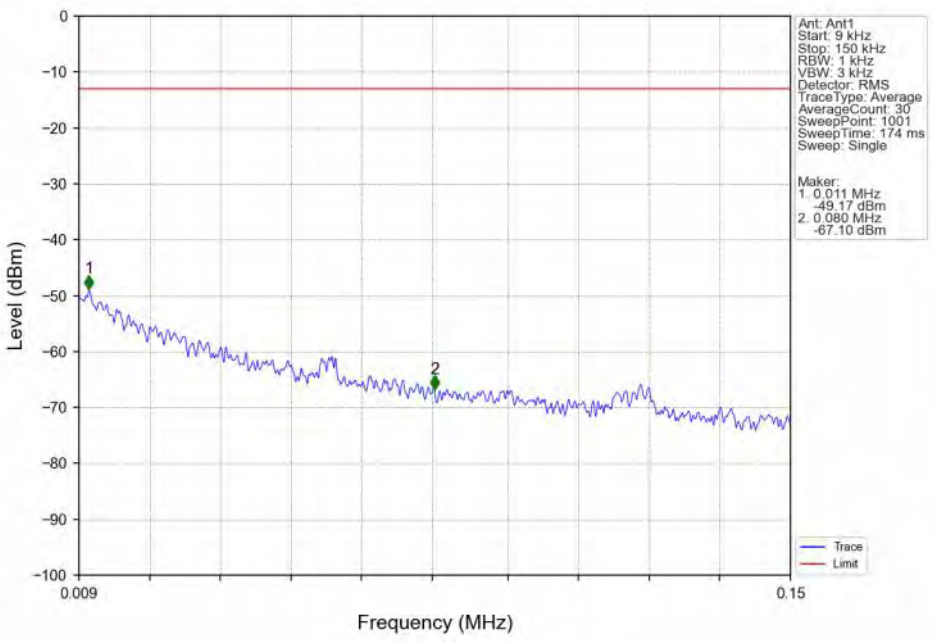


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

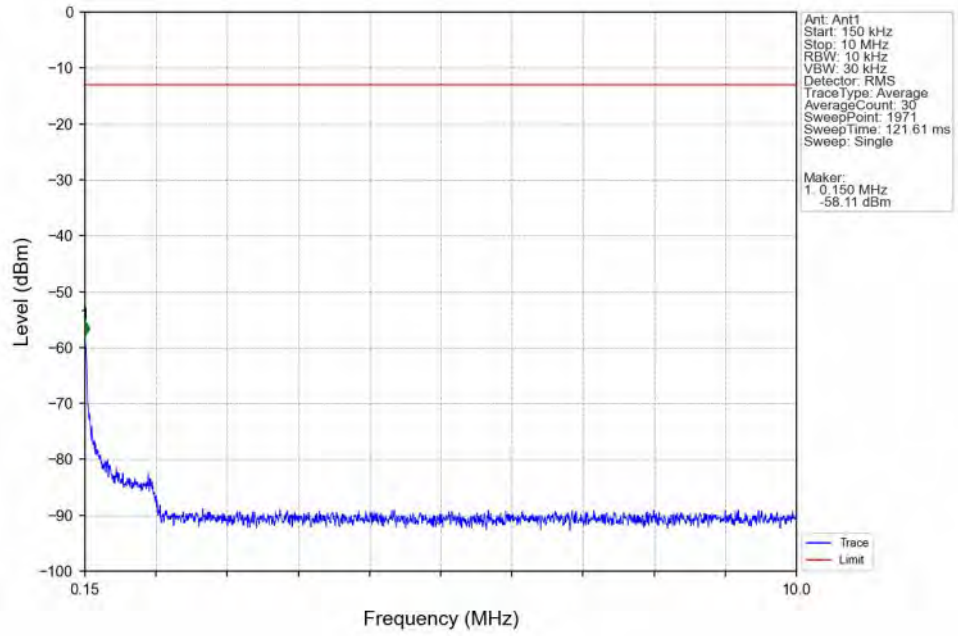


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.41	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-38.28	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

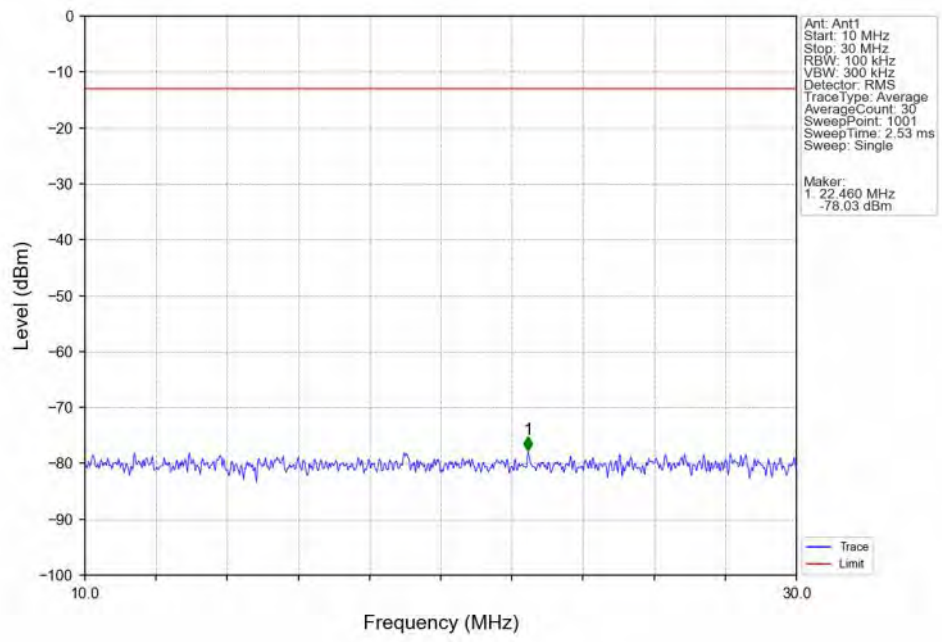
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



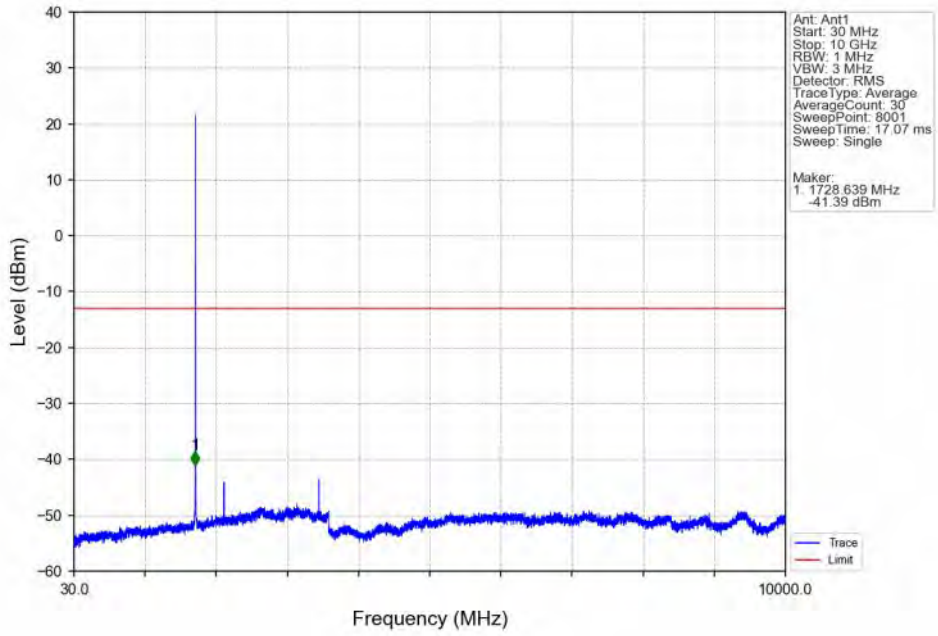
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



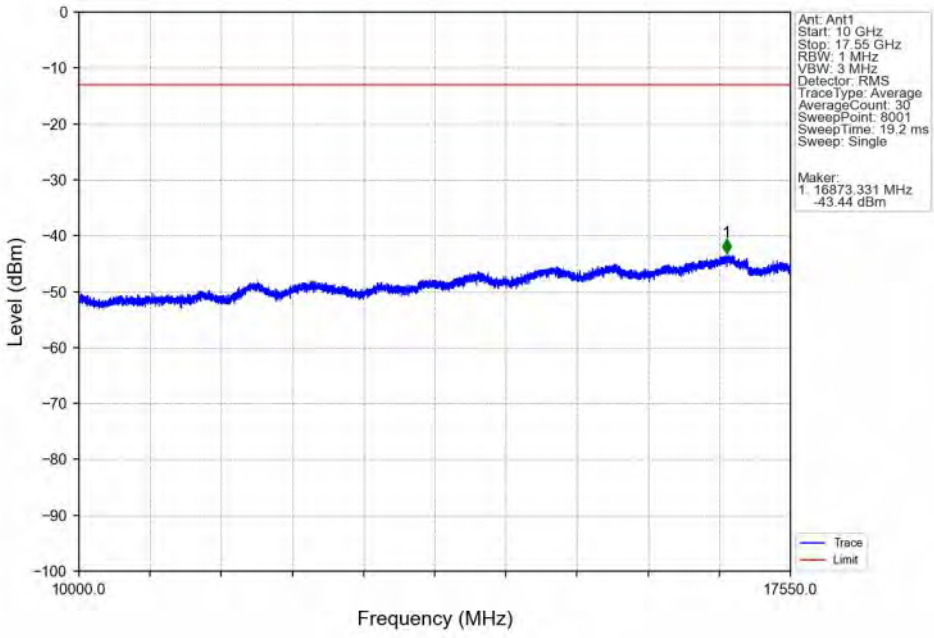
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



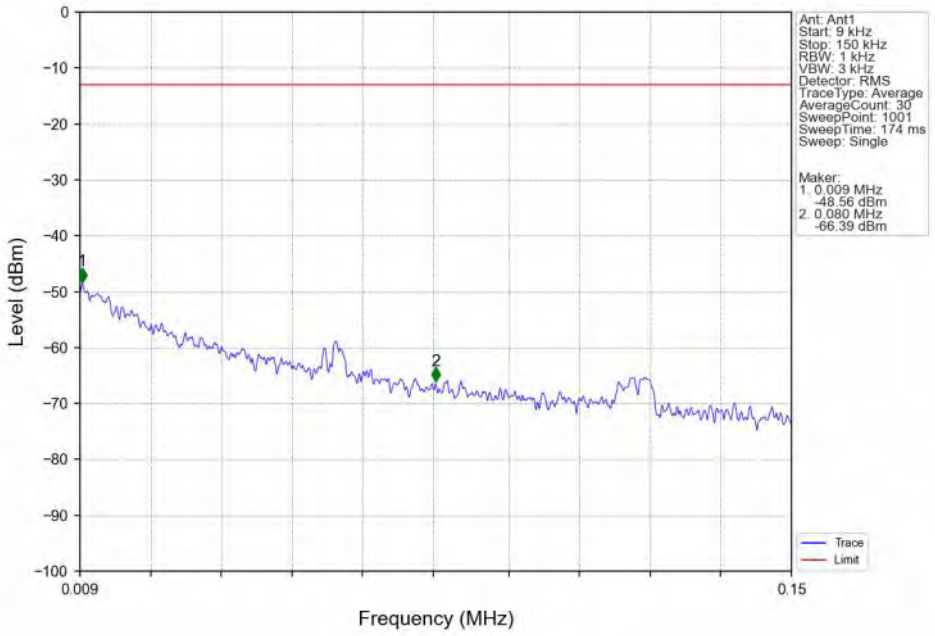
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



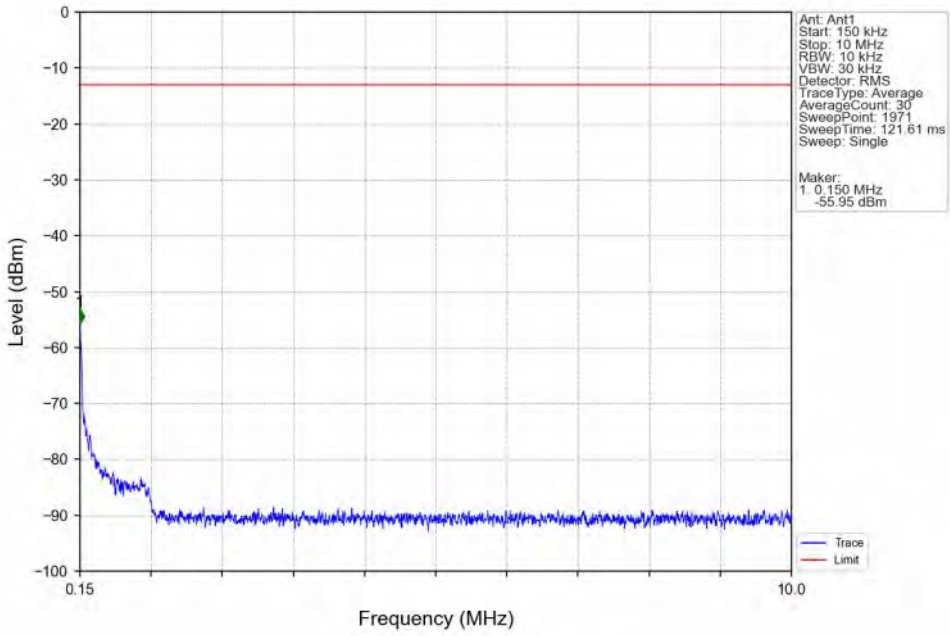
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



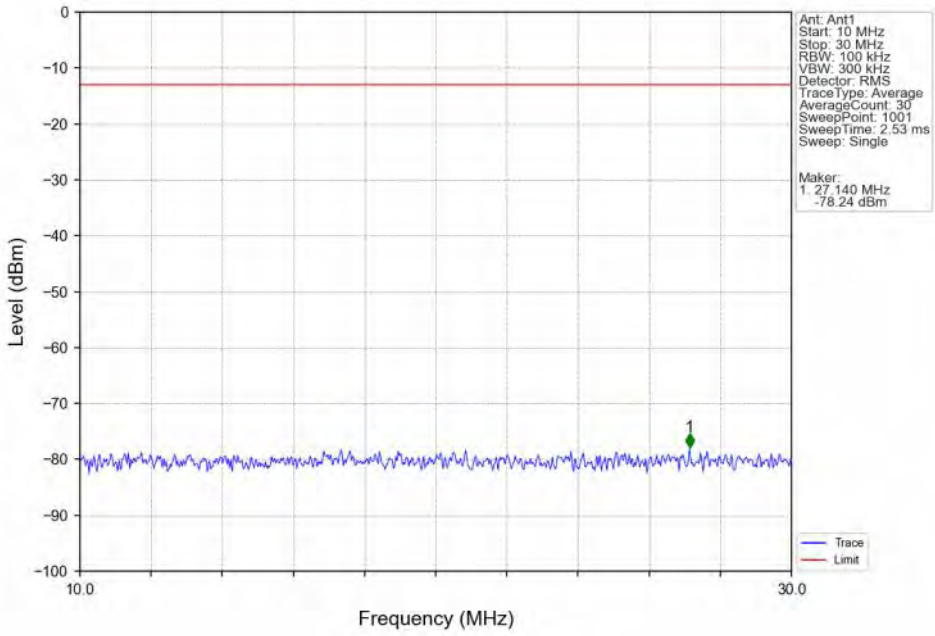
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



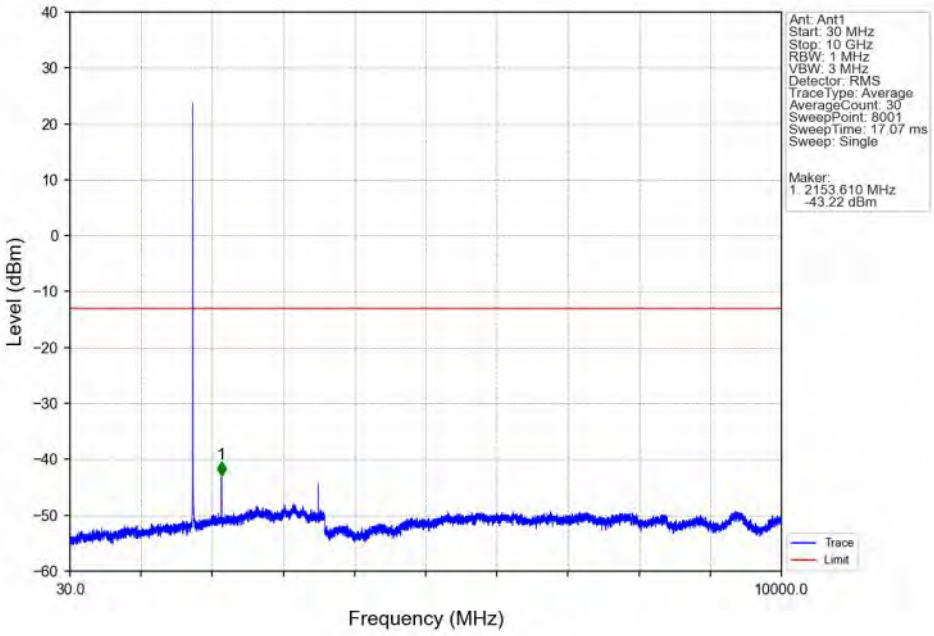
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



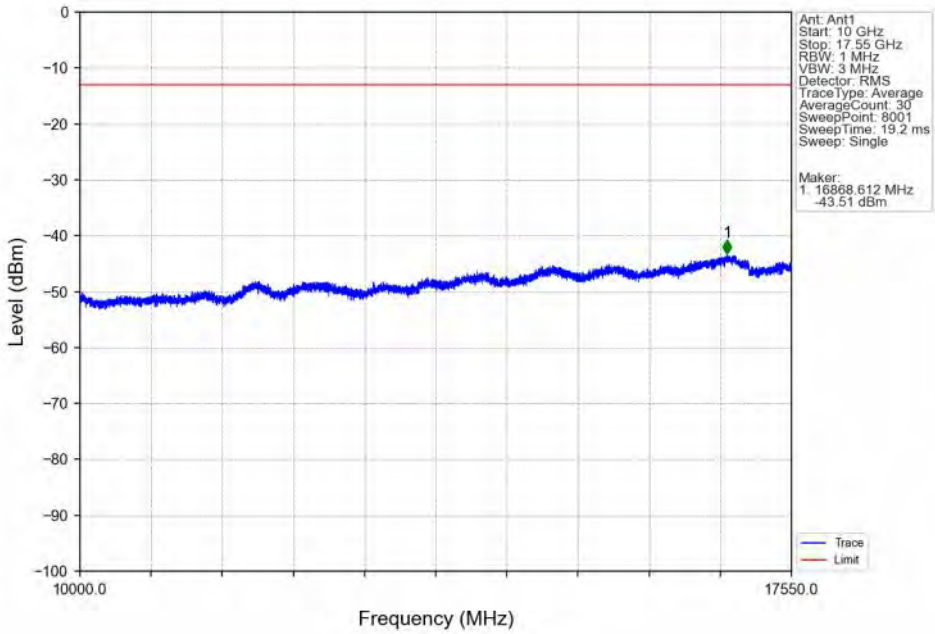
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



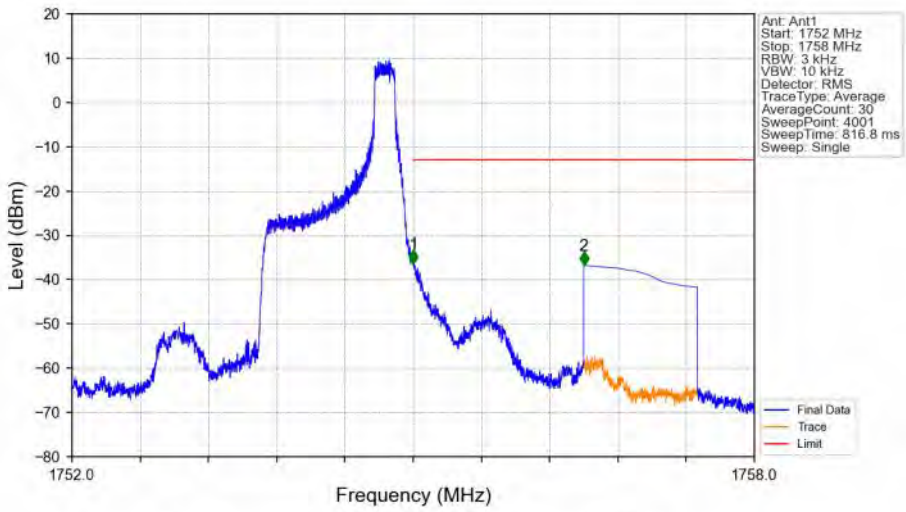
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

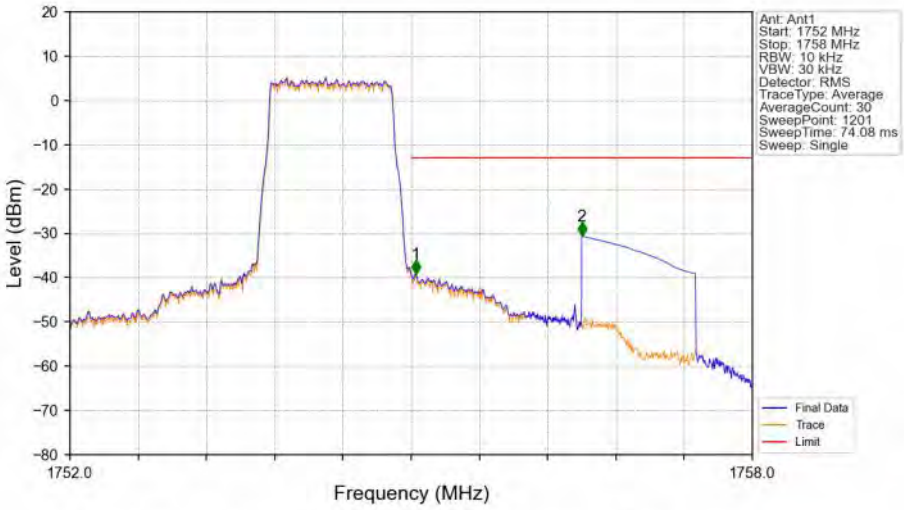


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



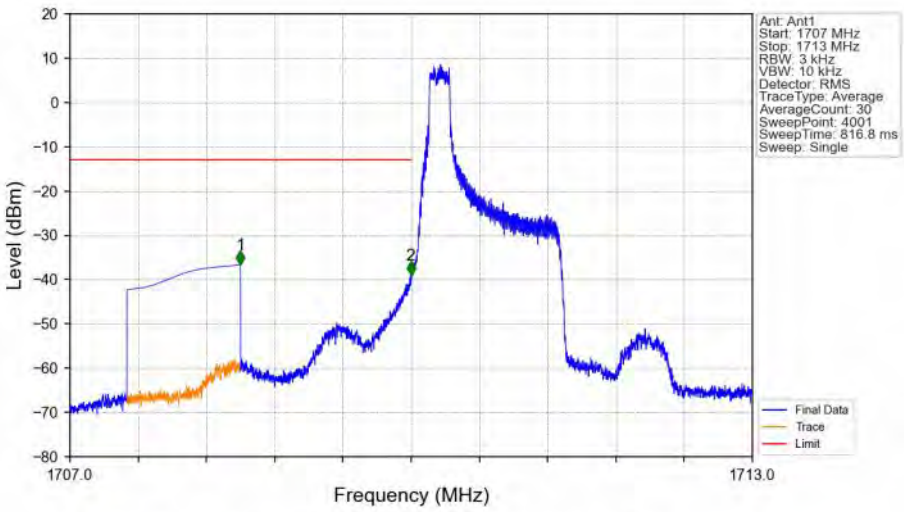
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-36.37	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.75	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



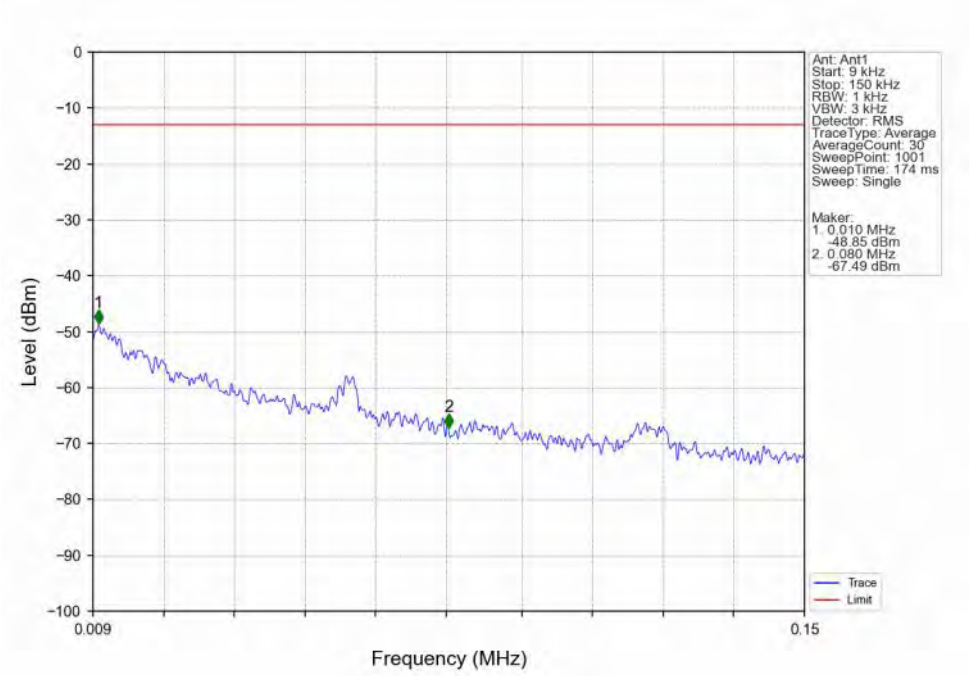
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.040	-39.14	-13	Pass
1756	1758	1	CHP	2	1756.500	-30.65	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

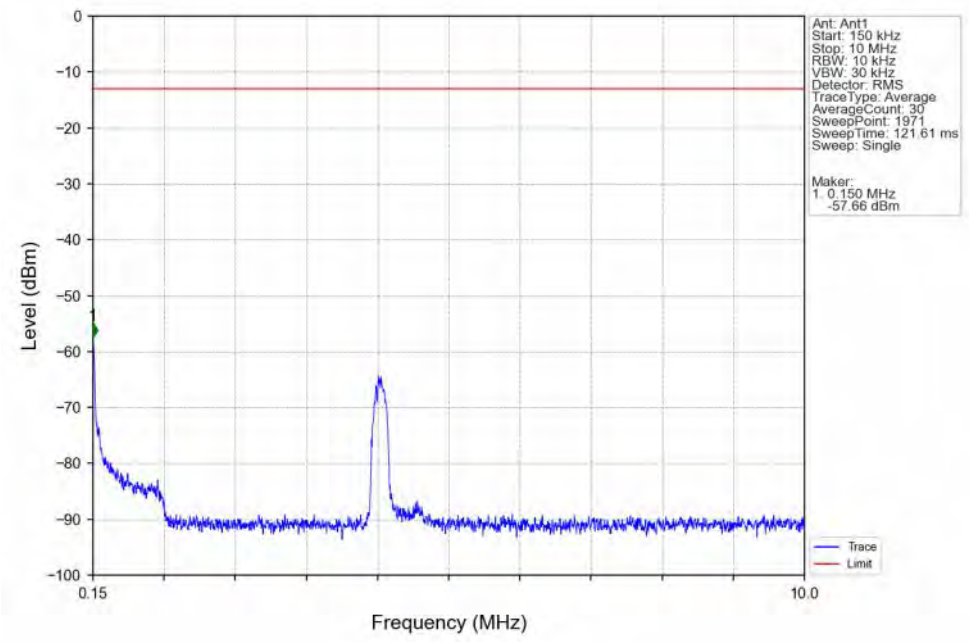


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-36.64	-13	Pass
1709	1710	0.003	/	2	1709.997	-38.93	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

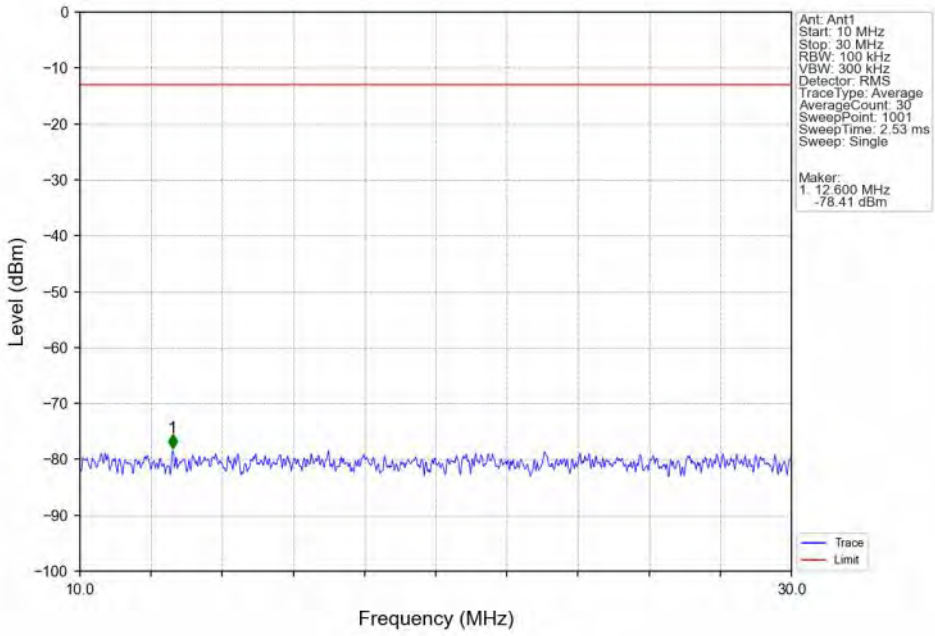
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



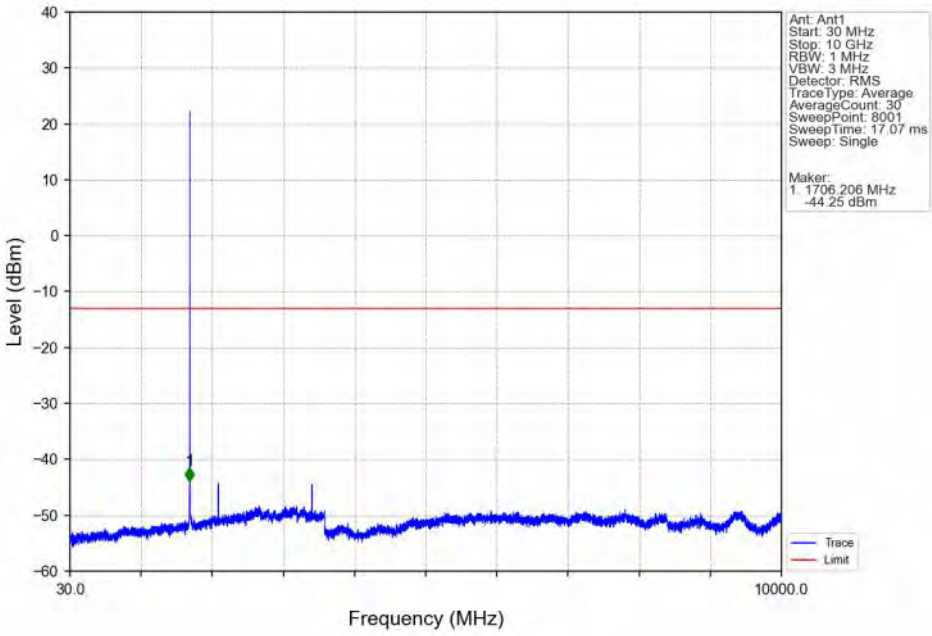
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



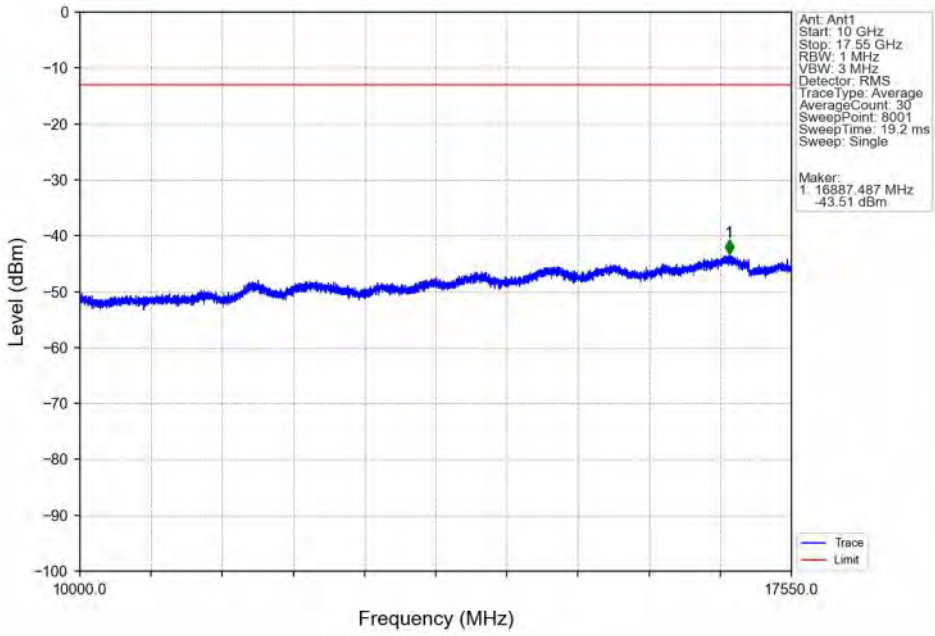
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



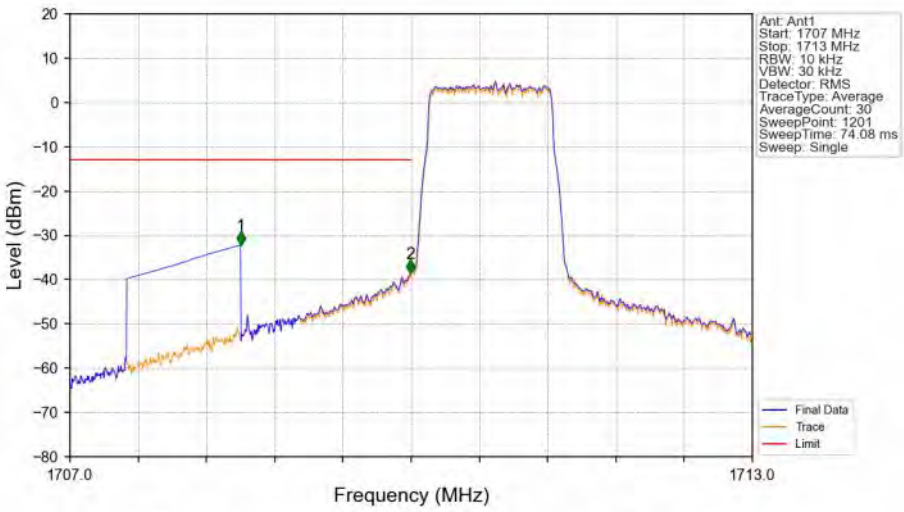
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

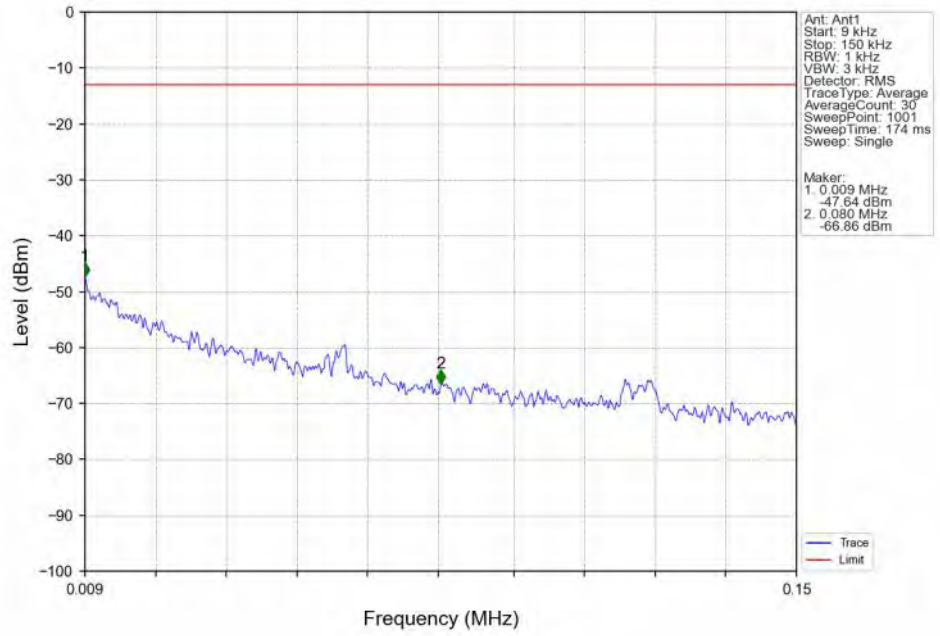


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

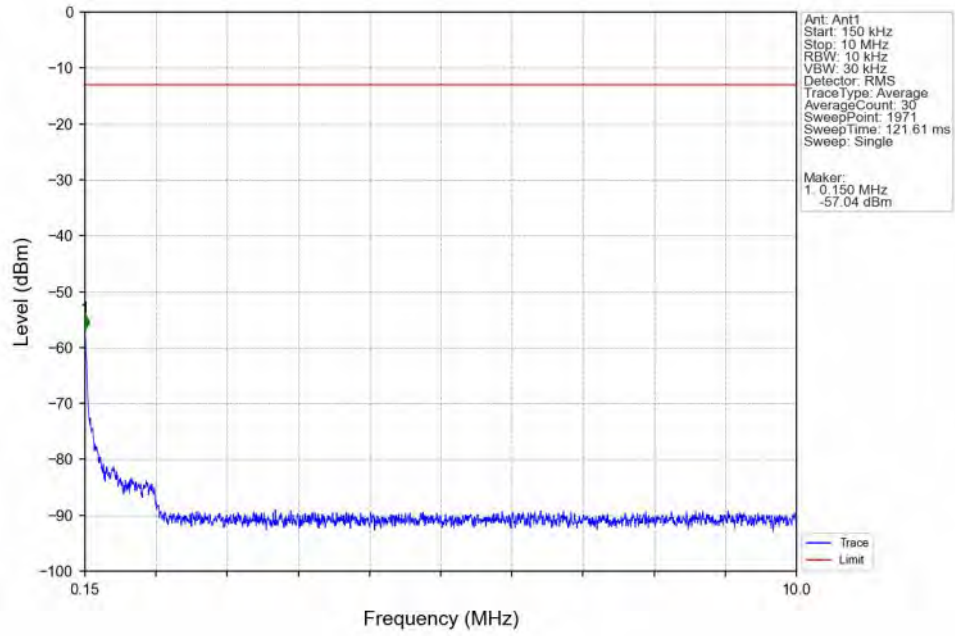


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.22	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-38.55	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

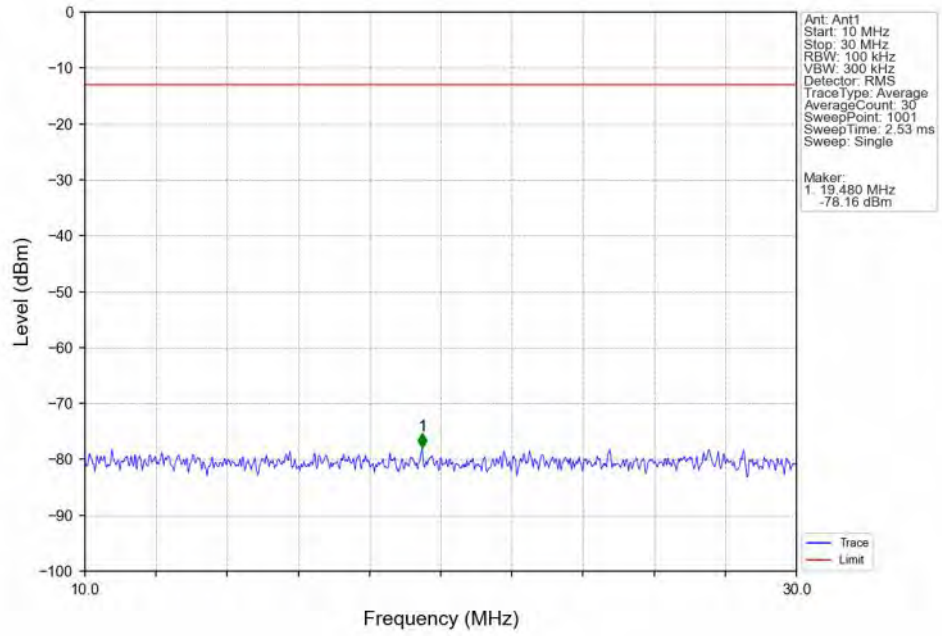
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



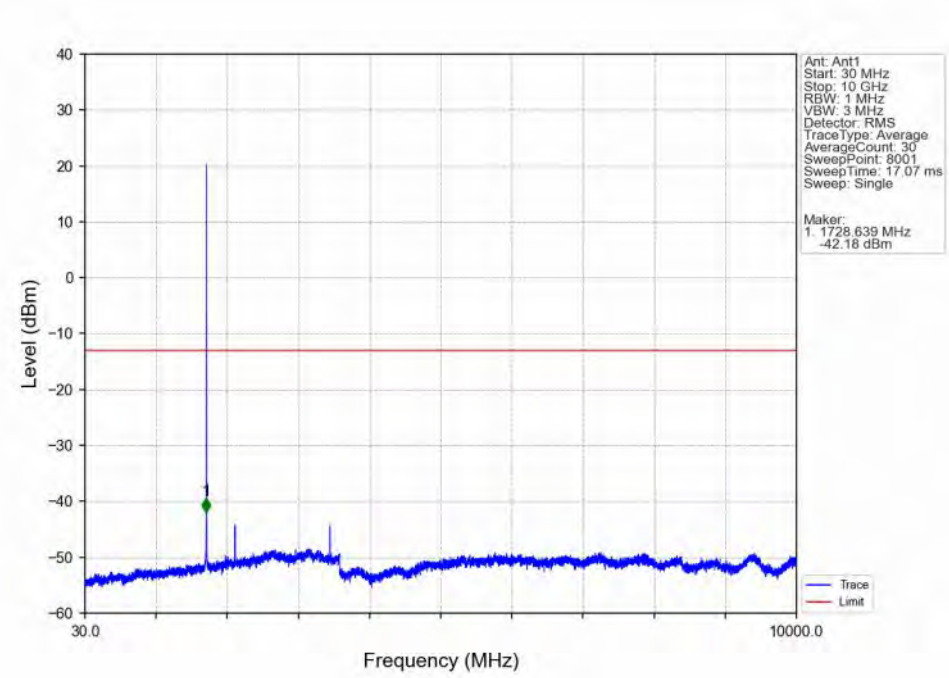
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



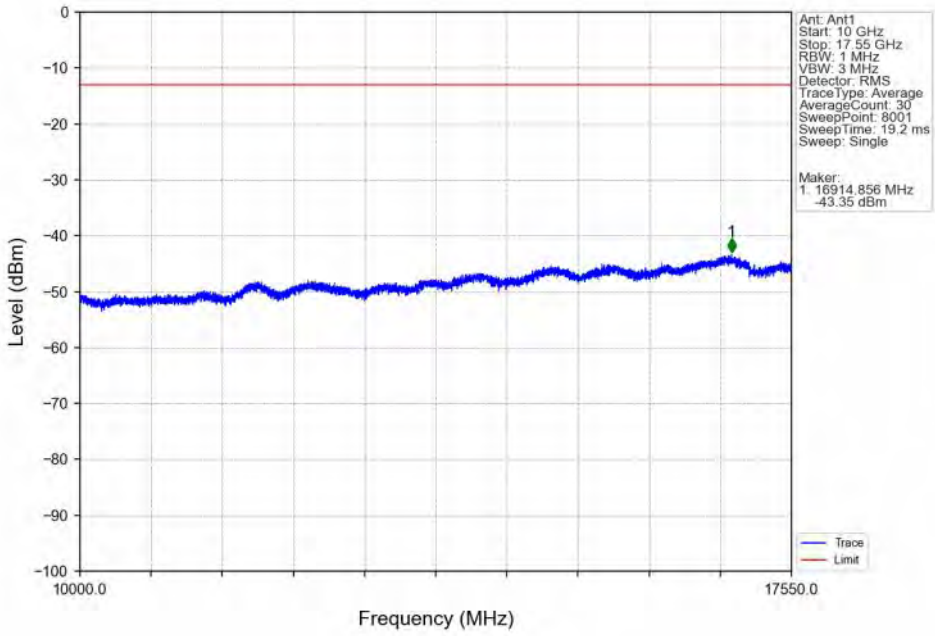
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



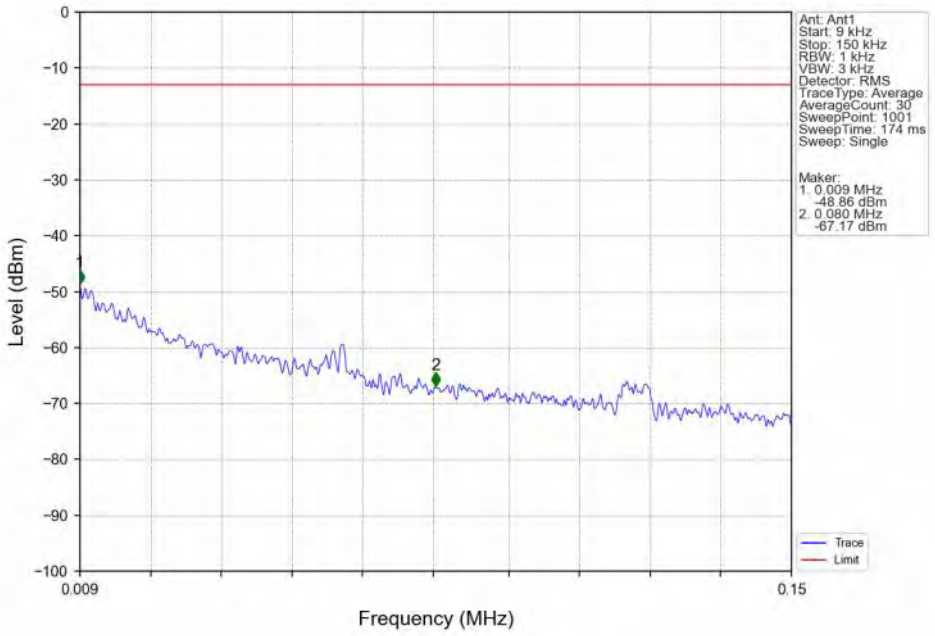
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



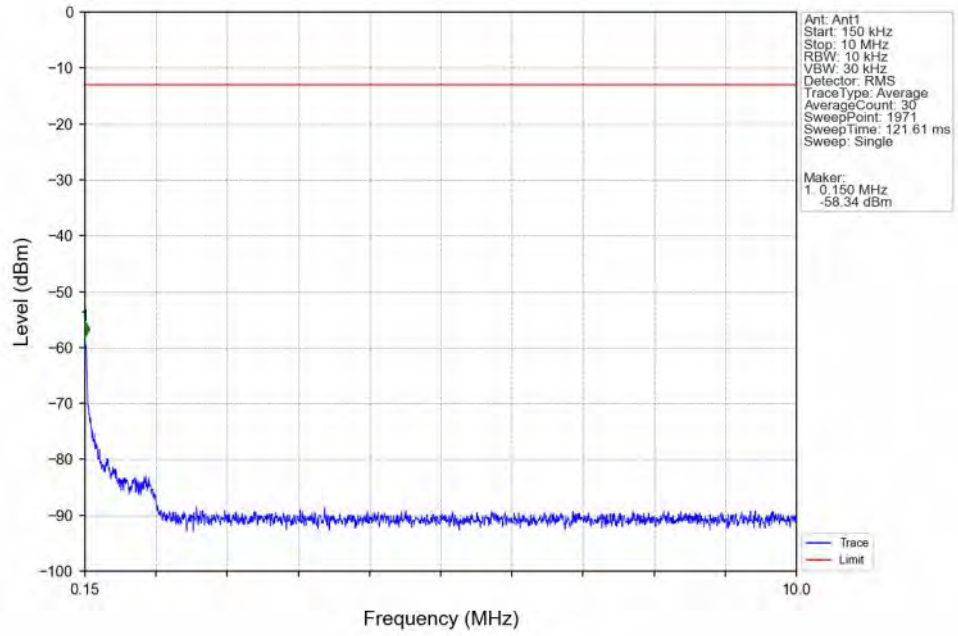
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



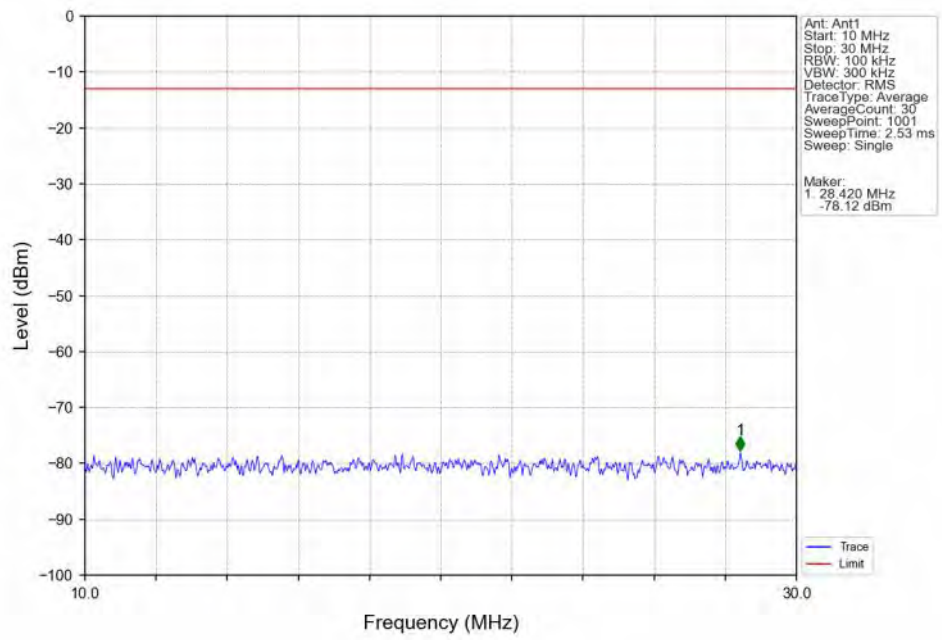
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



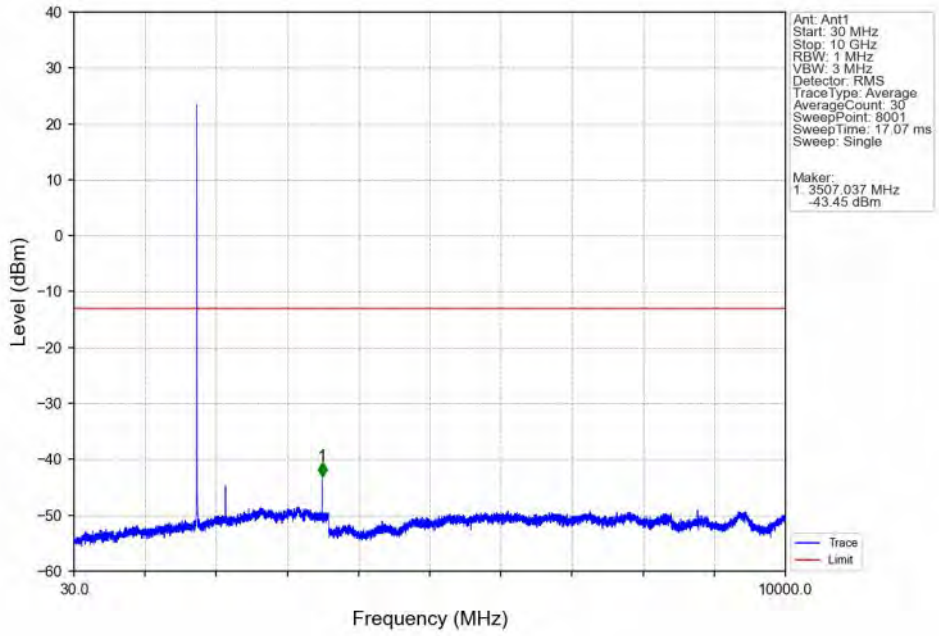
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



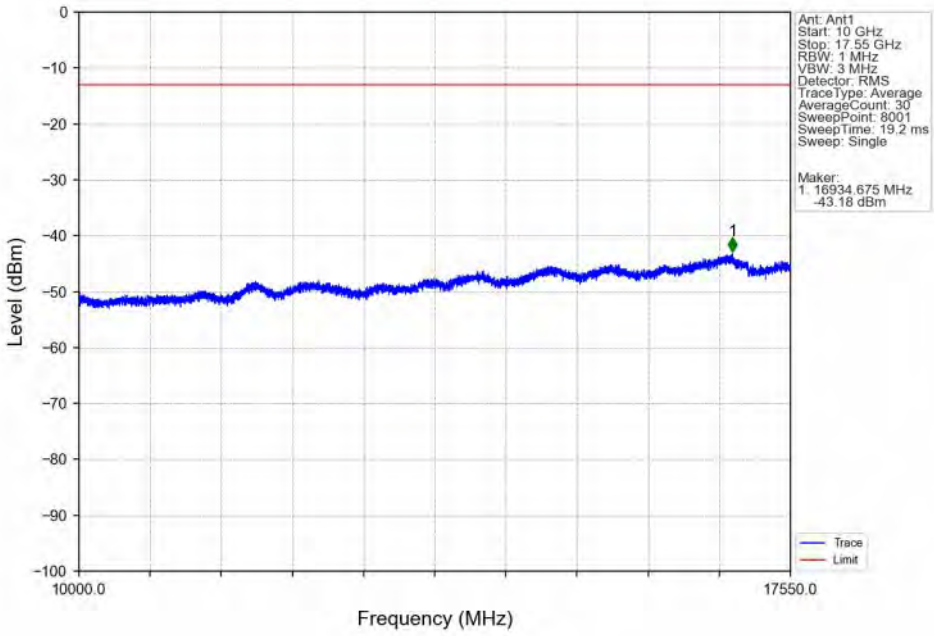
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



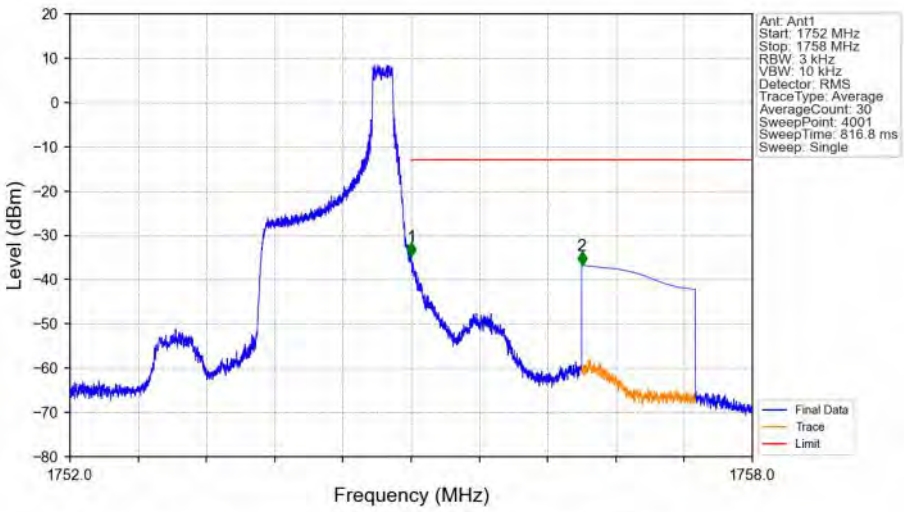
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

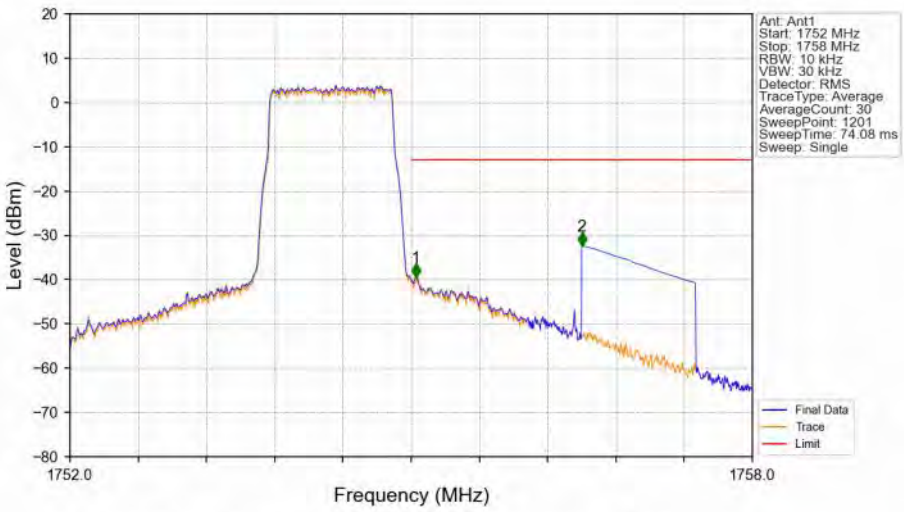


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-34.75	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.73	-13	Pass

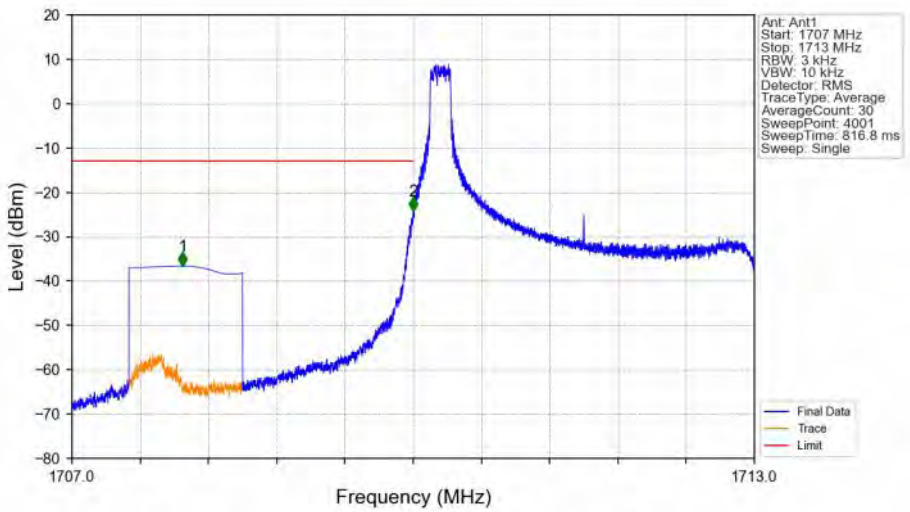
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.040	-39.55	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.32	-13	Pass

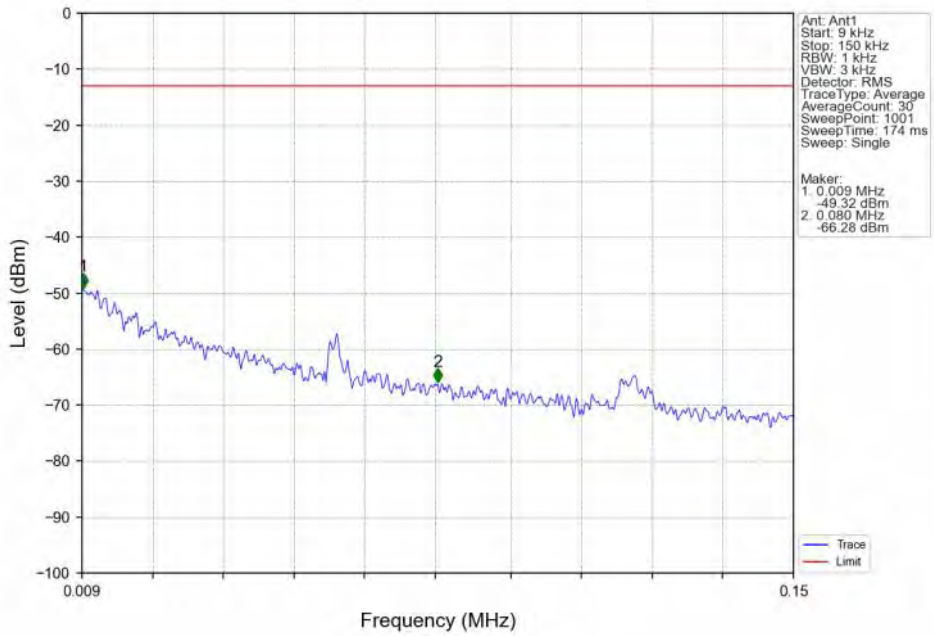
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

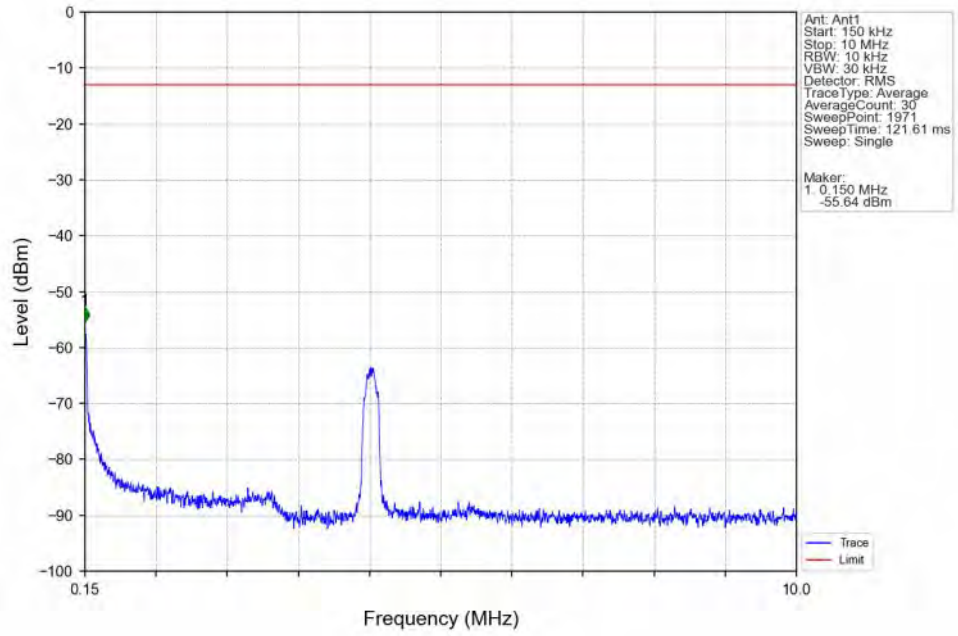


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.974	-36.65	-13	Pass
1709	1710	0.003	/	2	1709.998	-24.20	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

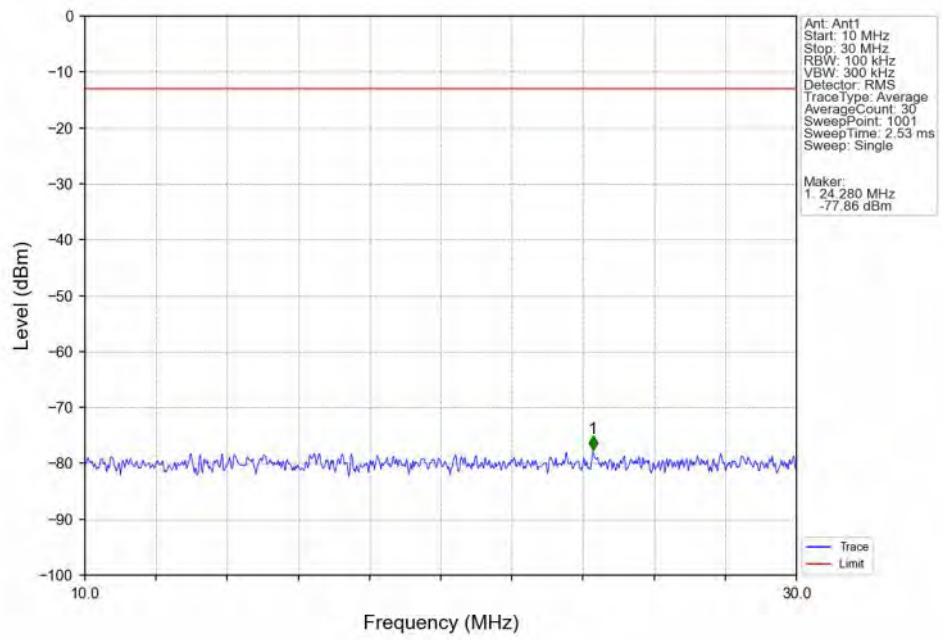
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



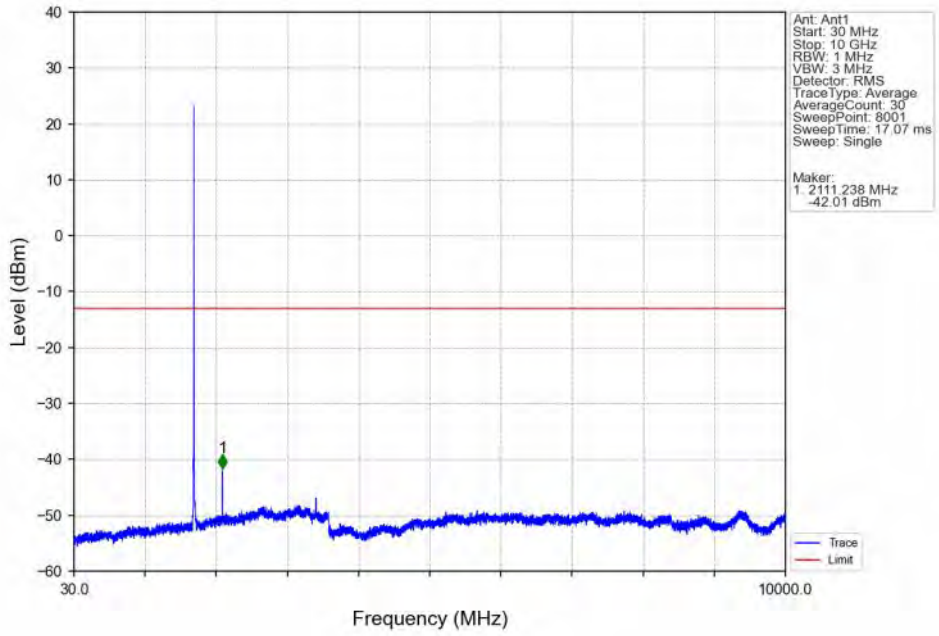
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



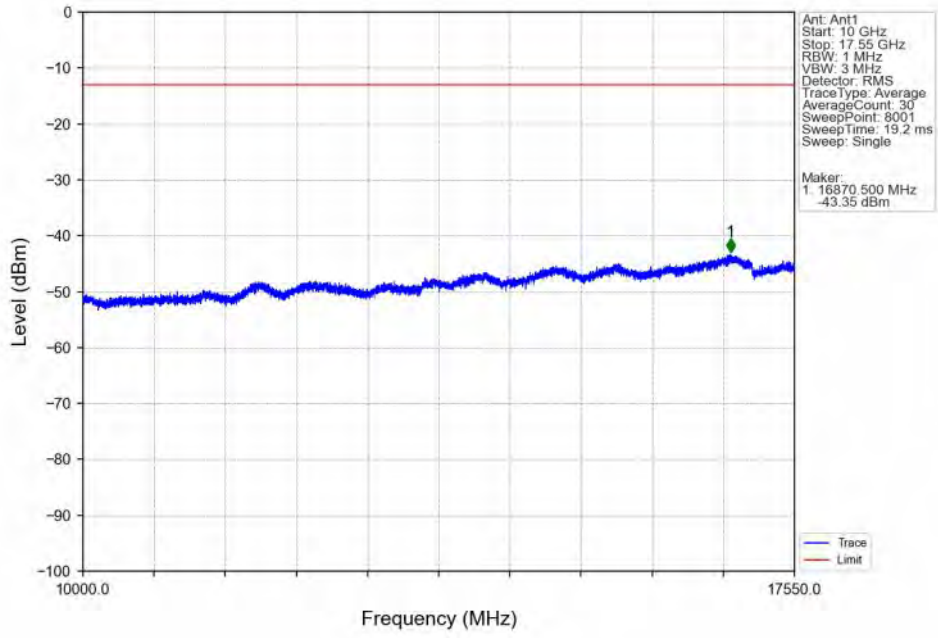
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



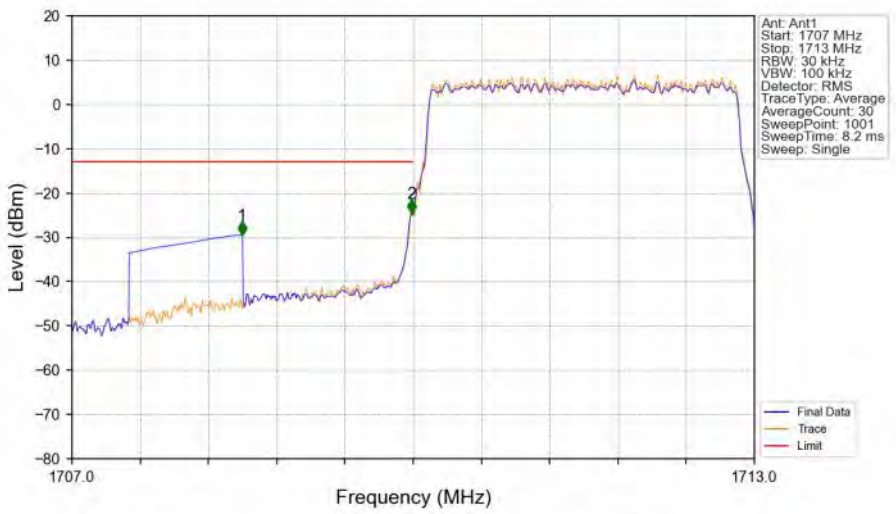
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

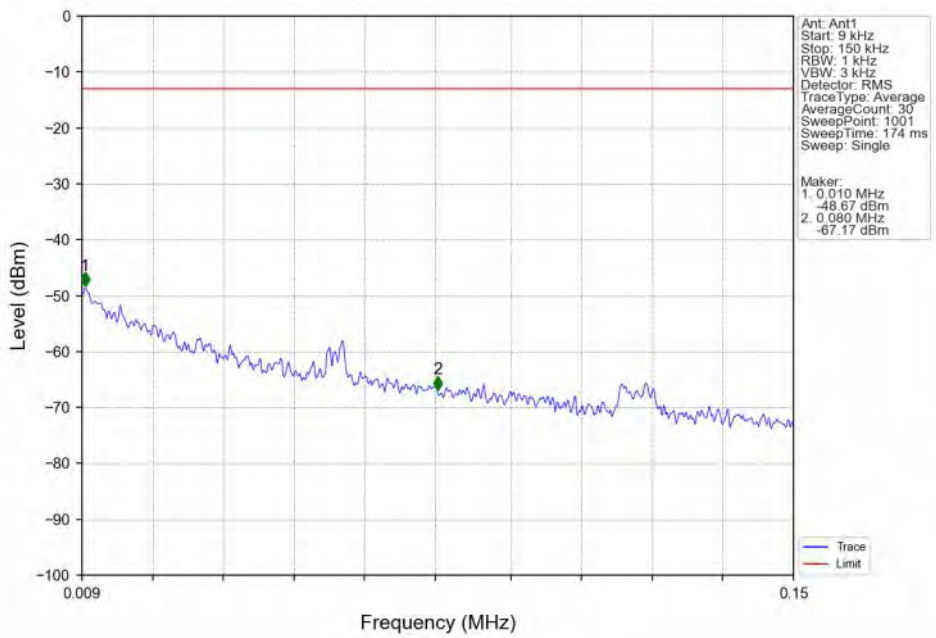


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

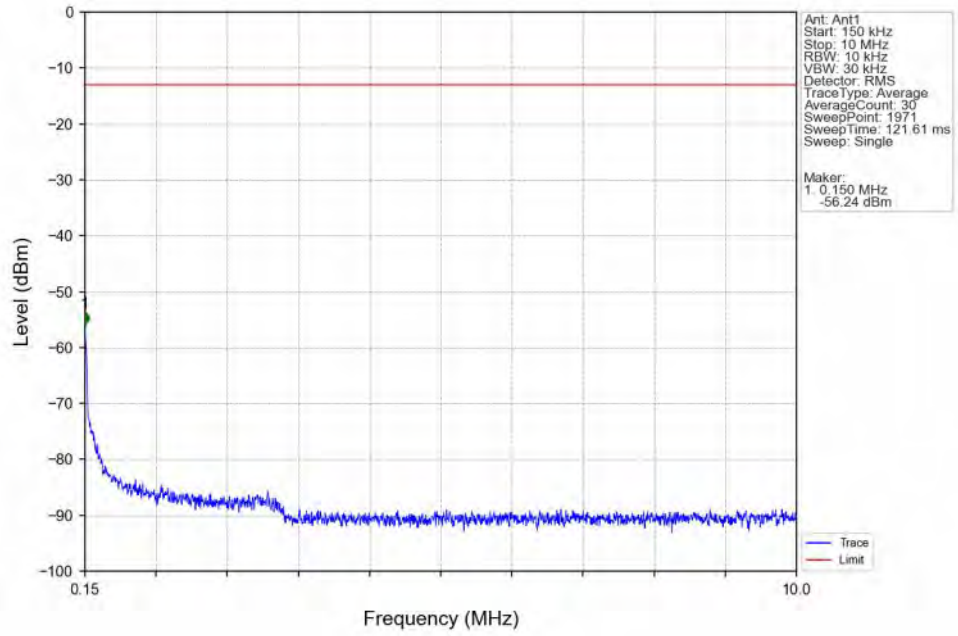


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-29.47	-13	Pass
1709	1710	0.031	CHP	2	1709.988	-24.61	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

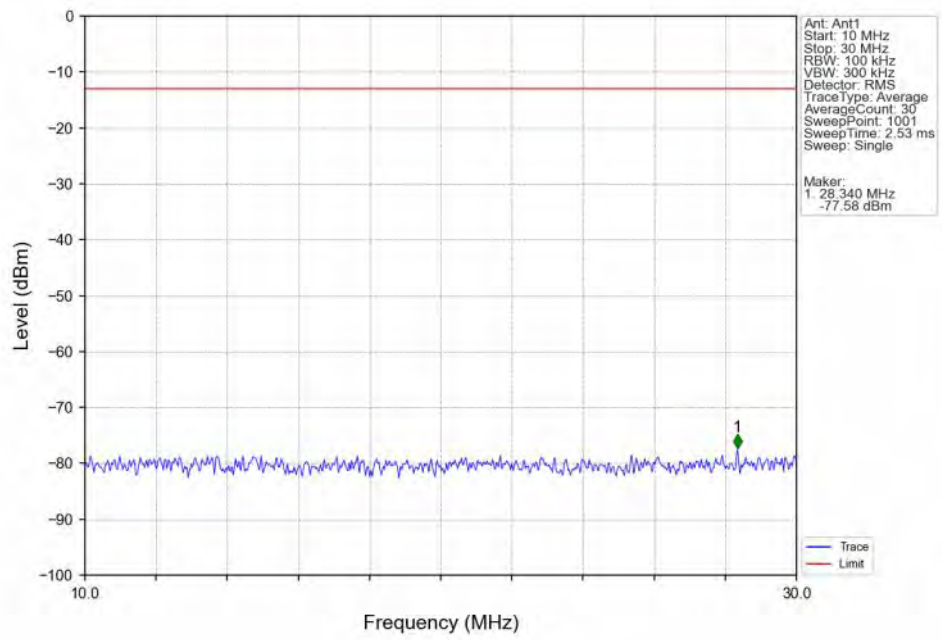
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



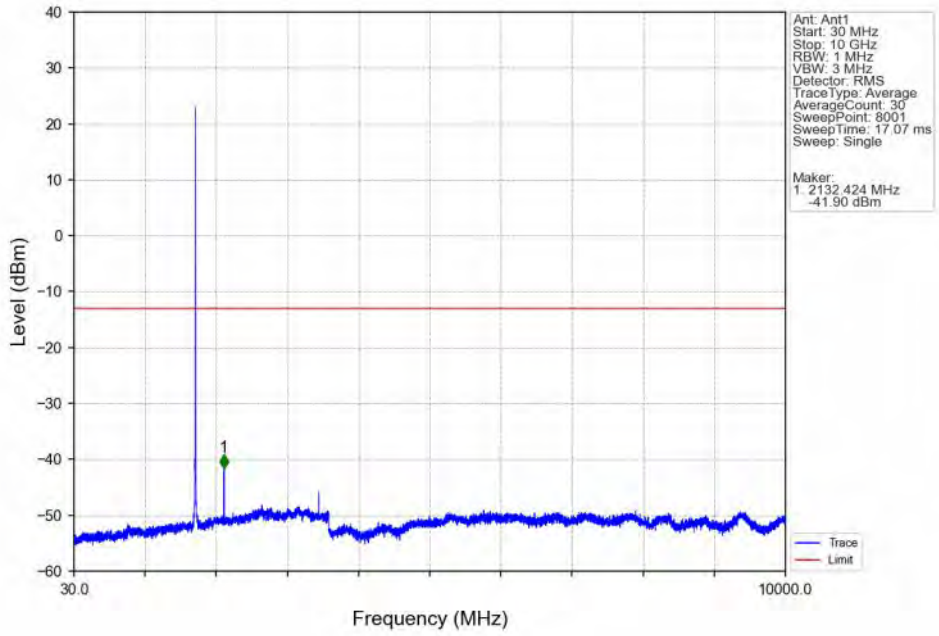
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



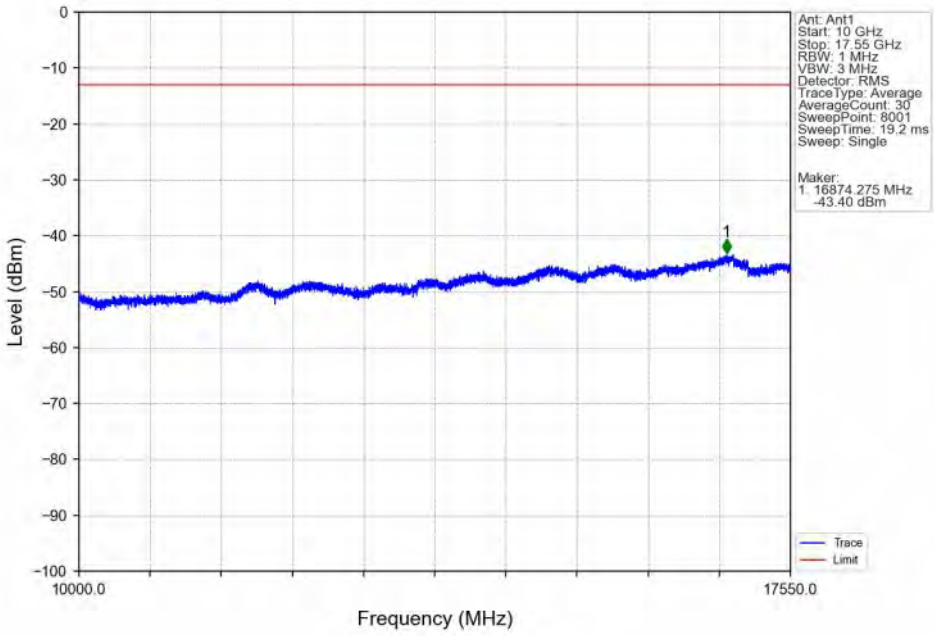
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



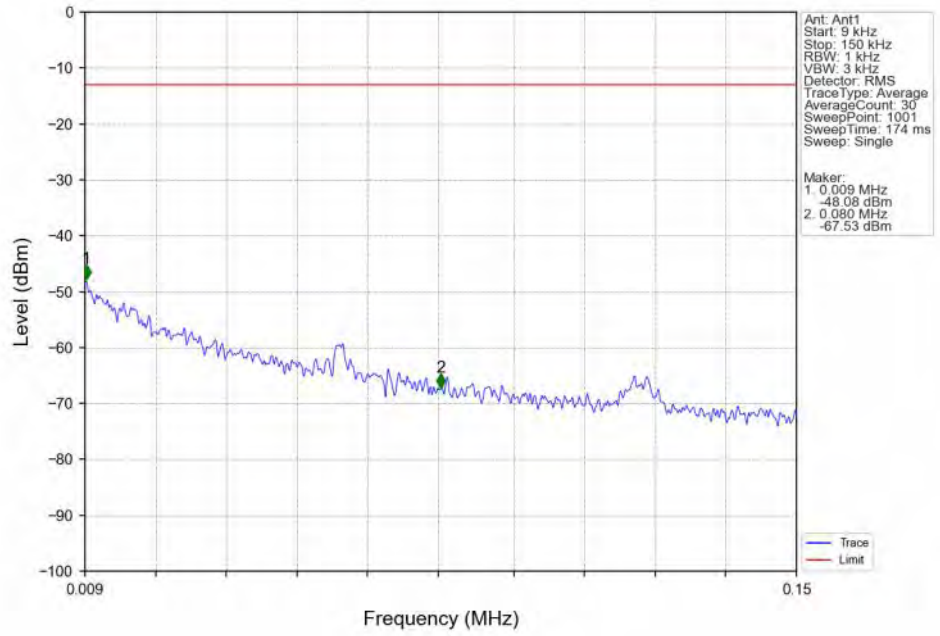
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



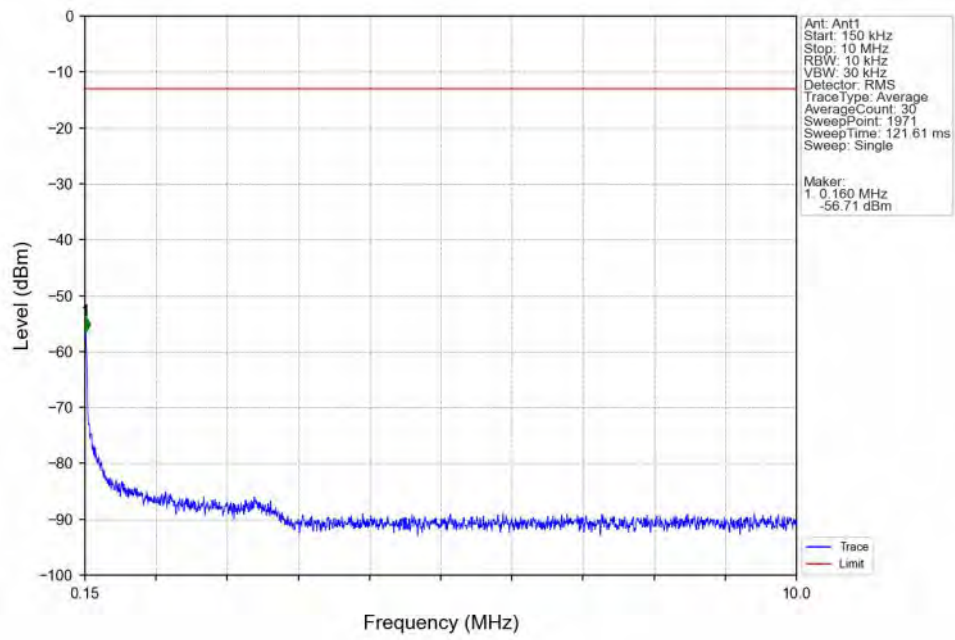
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



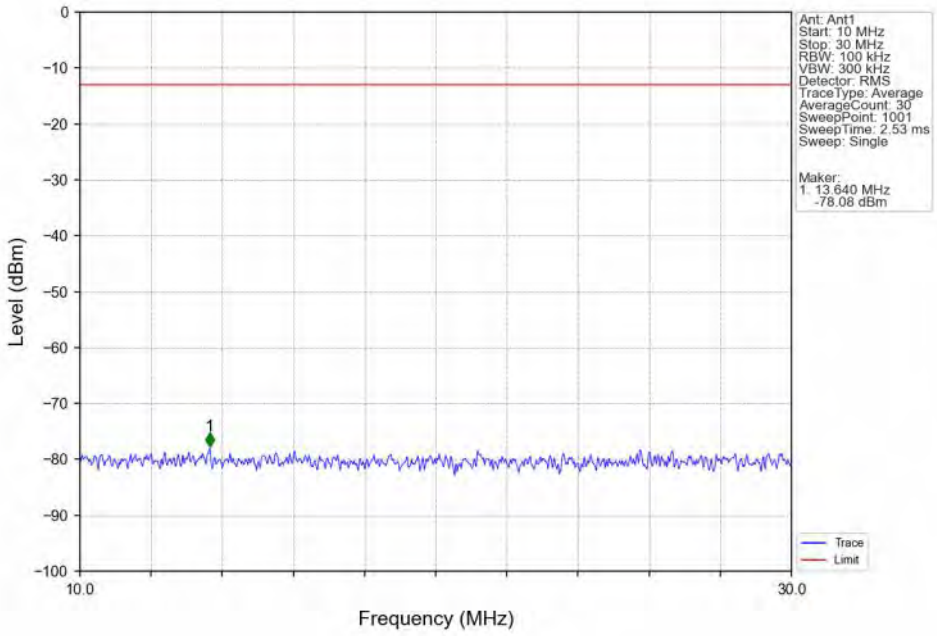
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



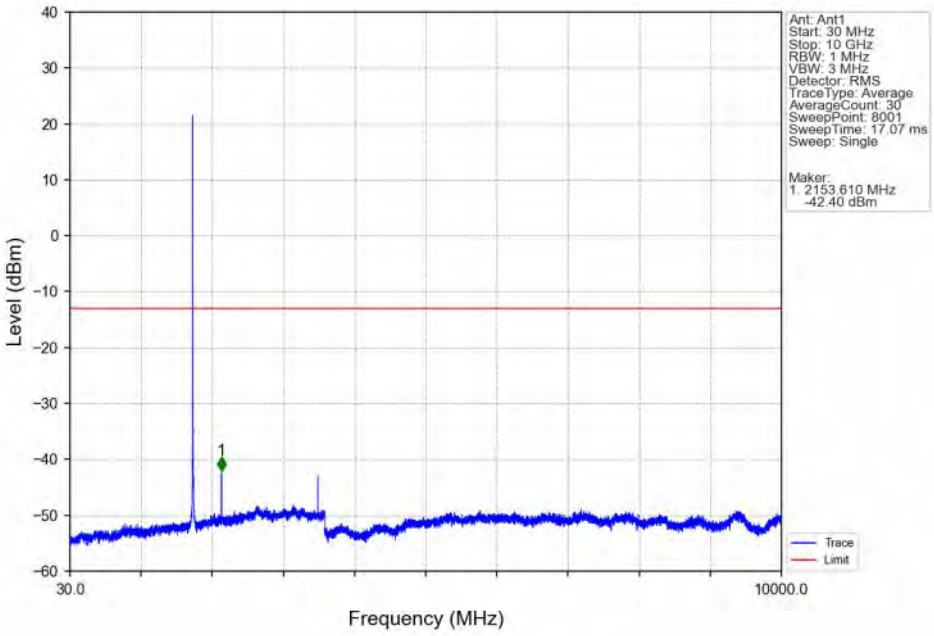
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



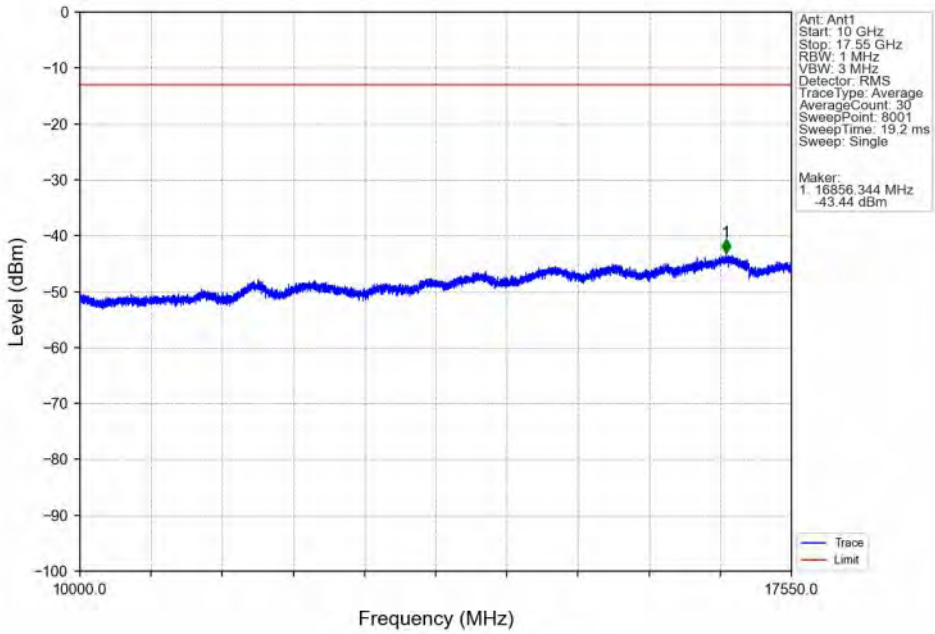
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



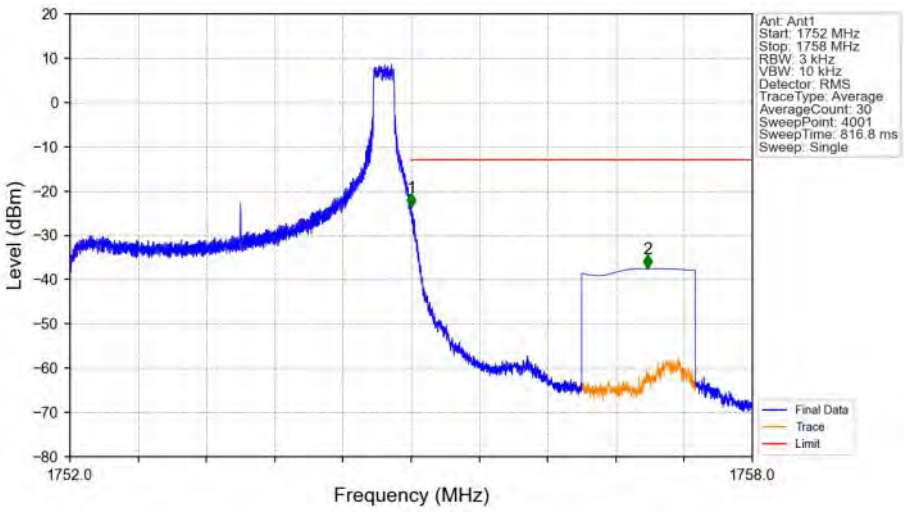
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

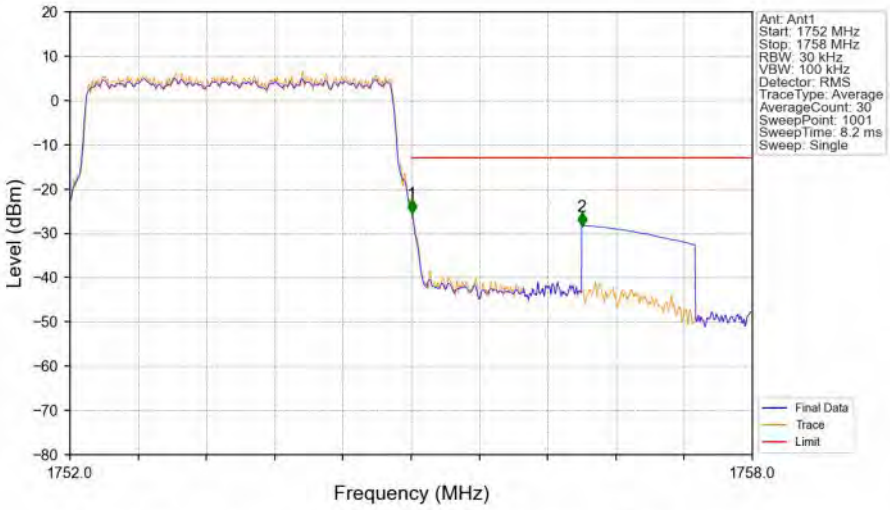


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



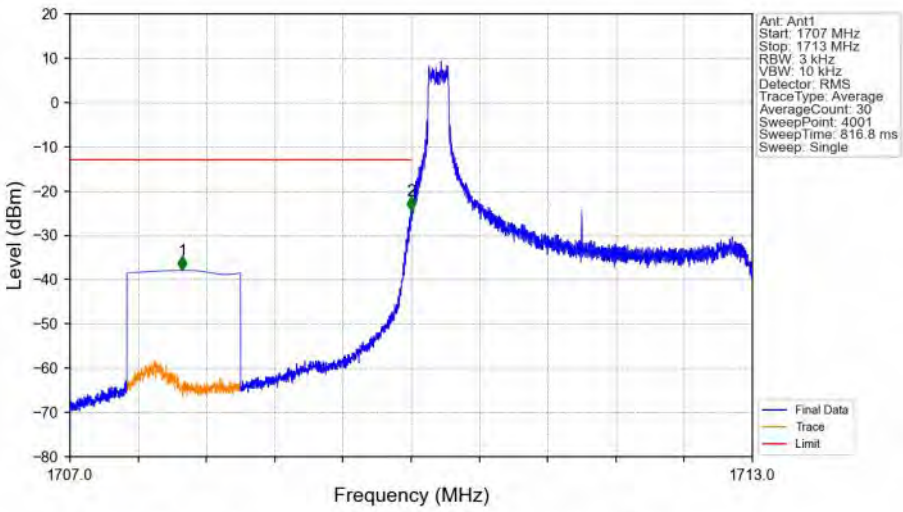
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-23.58	-13	Pass
1756	1758	1	CHP	2	1757.076	-37.55	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-25.42	-13	Pass
1756	1758	1	CHP	2	1756.500	-28.32	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.988	-37.92	-13	Pass
1709	1710	0.003	/	2	1709.998	-24.47	-13	Pass
1710	1713	0.003	/	/	/	/	/	/