1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	17.49	0.80	17.49	<=30	Pass
			2	17.61	0.80	17.61	<=30	Pass
			5	17.52	0.80	17.52	<=30	Pass
		3	0	17.54	0.80	17.54	<=30	Pass
			2	17.54	0.80	17.54	<=30	Pass
			3	17.51	0.80	17.51	<=30	Pass
		6	0	16.53	0.80	16.53	<=30	Pass
	1732.5	1	0	17.29	0.80	17.29	<=30	Pass
			2	17.33	0.80	17.33	<=30	Pass
			5	17.26	0.80	17.26	<=30	Pass
		3	0	17.31	0.80	17.31	<=30	Pass
			2	17.37	0.80	17.37	<=30	Pass
			3	17.32	0.80	17.32	<=30	Pass
		6	0	16.35	0.80	16.35	<=30	Pass
	1754.3	1	0	17.22	0.80	17.22	<=30	Pass
			2	17.33	0.80	17.33	<=30	Pass
			5	17.24	0.80	17.24	<=30	Pass
		3	0	17.26	0.80	17.26	<=30	Pass
			2	17.29	0.80	17.29	<=30	Pass
			3	17.28	0.80	17.28	<=30	Pass
		6	0	16.30	0.80	16.30	<=30	Pass
16QAM	1710.7	1	0	16.44	0.80	16.44	<=30	Pass
			2	16.58	0.80	16.58	<=30	Pass
			5	16.52	0.80	16.52	<=30	Pass
		3	0	16.58	0.80	16.58	<=30	Pass
			2	16.60	0.80	16.60	<=30	Pass
			3	16.55	0.80	16.55	<=30	Pass
		6	0	15.45	0.80	15.45	<=30	Pass
	1732.5	1	0	16.41	0.80	16.41	<=30	Pass
			2	16.53	0.80	16.53	<=30	Pass
			5	16.38	0.80	16.38	<=30	Pass
		3	0	16.30	0.80	16.30	<=30	Pass
			2	16.31	0.80	16.31	<=30	Pass
			3	16.26	0.80	16.26	<=30	Pass
		6	0	15.31	0.80	15.31	<=30	Pass
	1754.3	1	0	16.15	0.80	16.15	<=30	Pass
			2	16.23	0.80	16.23	<=30	Pass
			5	16.27	0.80	16.27	<=30	Pass
		3	0	16.27	0.80	16.27	<=30	Pass
			2	16.30	0.80	16.30	<=30	Pass
			3	16.25	0.80	16.25	<=30	Pass
		6	0	15.18	0.80	15.18	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B4_3MHz_EIRP

1.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	17.59	0.80	17.59	<=30	Pass
			7	17.70	0.80	17.70	<=30	Pass
			14	17.58	0.80	17.58	<=30	Pass
		8	0	16.55	0.80	16.55	<=30	Pass
			4	16.59	0.80	16.59	<=30	Pass
			7	16.52	0.80	16.52	<=30	Pass
		15	0	16.51	0.80	16.51	<=30	Pass
	1732.5	1	0	17.35	0.80	17.35	<=30	Pass
			7	17.46	0.80	17.46	<=30	Pass
			14	17.28	0.80	17.28	<=30	Pass
		8	0	16.35	0.80	16.35	<=30	Pass
			4	16.42	0.80	16.42	<=30	Pass
			7	16.30	0.80	16.30	<=30	Pass
		15	0	16.29	0.80	16.29	<=30	Pass
	1753.5	1	0	17.22	0.80	17.22	<=30	Pass
			7	17.37	0.80	17.37	<=30	Pass
			14	17.22	0.80	17.22	<=30	Pass
		8	0	16.23	0.80	16.23	<=30	Pass
			4	16.31	0.80	16.31	<=30	Pass
			7	16.26	0.80	16.26	<=30	Pass
		15	0	16.21	0.80	16.21	<=30	Pass
16QAM	1711.5	1	0	16.55	0.80	16.55	<=30	Pass
			7	16.67	0.80	16.67	<=30	Pass
			14	16.54	0.80	16.54	<=30	Pass
		8	0	15.58	0.80	15.58	<=30	Pass
			4	15.62	0.80	15.62	<=30	Pass
			7	15.57	0.80	15.57	<=30	Pass
		15	0	15.57	0.80	15.57	<=30	Pass
	1732.5	1	0	16.51	0.80	16.51	<=30	Pass
			7	16.60	0.80	16.60	<=30	Pass
			14	16.41	0.80	16.41	<=30	Pass
		8	0	15.31	0.80	15.31	<=30	Pass
			4	15.34	0.80	15.34	<=30	Pass
			7	15.27	0.80	15.27	<=30	Pass
		15	0	15.27	0.80	15.27	<=30	Pass
	1753.5	1	0	16.72	0.80	16.72	<=30	Pass
			7	16.89	0.80	16.89	<=30	Pass
			14	16.75	0.80	16.75	<=30	Pass
		8	0	15.35	0.80	15.35	<=30	Pass
			4	15.44	0.80	15.44	<=30	Pass
			7	15.39	0.80	15.39	<=30	Pass
		15	0	15.24	0.80	15.24	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B4_5MHz_EIRP

1.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	17.45	0.80	17.45	<=30	Pass
			13	17.57	0.80	17.57	<=30	Pass
			24	17.48	0.80	17.48	<=30	Pass

		12	0	16.53	0.80	16.53	<=30	Pass
			6	16.55	0.80	16.55	<=30	Pass
			13	16.57	0.80	16.57	<=30	Pass
		25	0	16.51	0.80	16.51	<=30	Pass
	1732.5	1	0	17.32	0.80	17.32	<=30	Pass
			13	17.38	0.80	17.38	<=30	Pass
			24	17.20	0.80	17.20	<=30	Pass
		12	0	16.33	0.80	16.33	<=30	Pass
			6	16.35	0.80	16.35	<=30	Pass
			13	16.29	0.80	16.29	<=30	Pass
		25	0	16.31	0.80	16.31	<=30	Pass
	1752.5	1	0	17.13	0.80	17.13	<=30	Pass
			13	17.30	0.80	17.30	<=30	Pass
			24	17.22	0.80	17.22	<=30	Pass
		12	0	16.21	0.80	16.21	<=30	Pass
			6	16.27	0.80	16.27	<=30	Pass
			13	16.26	0.80	16.26	<=30	Pass
		25	0	16.21	0.80	16.21	<=30	Pass
16QAM	1712.5	1	0	16.52	0.80	16.52	<=30	Pass
			13	16.68	0.80	16.68	<=30	Pass
			24	16.54	0.80	16.54	<=30	Pass
		12	0	15.49	0.80	15.49	<=30	Pass
			6	15.51	0.80	15.51	<=30	Pass
			13	15.54	0.80	15.54	<=30	Pass
		25	0	15.52	0.80	15.52	<=30	Pass
	1732.5	1	0	16.54	0.80	16.54	<=30	Pass
			13	16.59	0.80	16.59	<=30	Pass
			24	16.41	0.80	16.41	<=30	Pass
		12	0	15.35	0.80	15.35	<=30	Pass
			6	15.38	0.80	15.38	<=30	Pass
			13	15.29	0.80	15.29	<=30	Pass
		25	0	15.28	0.80	15.28	<=30	Pass
	1752.5	1	0	15.98	0.80	15.98	<=30	Pass
			13	16.14	0.80	16.14	<=30	Pass
			24	16.07	0.80	16.07	<=30	Pass
		12	0	15.13	0.80	15.13	<=30	Pass
			6	15.22	0.80	15.22	<=30	Pass
			13	15.21	0.80	15.21	<=30	Pass
		25	0	15.20	0.80	15.20	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B4_10MHz_EIRP

1.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	17.55	0.80	17.55	<=30	Pass
			25	17.76	0.80	17.76	<=30	Pass
			49	17.59	0.80	17.59	<=30	Pass
		25	0	16.58	0.80	16.58	<=30	Pass
			13	16.58	0.80	16.58	<=30	Pass
			25	16.59	0.80	16.59	<=30	Pass
		50	0	16.56	0.80	16.56	<=30	Pass
	1732.5	1	0	17.46	0.80	17.46	<=30	Pass
			25	17.47	0.80	17.47	<=30	Pass

			49	17.22	0.80	17.22	<=30	Pass
		25	0	16.44	0.80	16.44	<=30	Pass
			13	16.38	0.80	16.38	<=30	Pass
			25	16.34	0.80	16.34	<=30	Pass
		50	0	16.38	0.80	16.38	<=30	Pass
	1750	1	0	17.14	0.80	17.14	<=30	Pass
			25	17.36	0.80	17.36	<=30	Pass
			49	17.24	0.80	17.24	<=30	Pass
		25	0	16.21	0.80	16.21	<=30	Pass
			13	16.21	0.80	16.21	<=30	Pass
			25	16.26	0.80	16.26	<=30	Pass
		50	0	16.22	0.80	16.22	<=30	Pass
16QAM	1715	1	0	16.52	0.80	16.52	<=30	Pass
			25	16.71	0.80	16.71	<=30	Pass
			49	16.54	0.80	16.54	<=30	Pass
		25	0	15.67	0.80	15.67	<=30	Pass
			13	15.65	0.80	15.65	<=30	Pass
			25	15.67	0.80	15.67	<=30	Pass
		50	0	15.59	0.80	15.59	<=30	Pass
	1732.5	1	0	16.61	0.80	16.61	<=30	Pass
			25	16.68	0.80	16.68	<=30	Pass
			49	16.37	0.80	16.37	<=30	Pass
		25	0	15.44	0.80	15.44	<=30	Pass
			13	15.38	0.80	15.38	<=30	Pass
			25	15.34	0.80	15.34	<=30	Pass
		50	0	15.38	0.80	15.38	<=30	Pass
	1750	1	0	16.62	0.80	16.62	<=30	Pass
			25	16.84	0.80	16.84	<=30	Pass
			49	16.76	0.80	16.76	<=30	Pass
		25	0	15.22	0.80	15.22	<=30	Pass
			13	15.22	0.80	15.22	<=30	Pass
			25	15.30	0.80	15.30	<=30	Pass
		50	0	15.20	0.80	15.20	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B4_15MHz_EIRP

1.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	17.42	0.80	17.42	<=30	Pass
			38	17.57	0.80	17.57	<=30	Pass
			74	17.40	0.80	17.40	<=30	Pass
		36	0	16.61	0.80	16.61	<=30	Pass
			18	16.64	0.80	16.64	<=30	Pass
			39	16.63	0.80	16.63	<=30	Pass
		75	0	16.56	0.80	16.56	<=30	Pass
	1732.5	1	0	17.40	0.80	17.40	<=30	Pass
			38	17.33	0.80	17.33	<=30	Pass
			74	17.08	0.80	17.08	<=30	Pass
		36	0	16.49	0.80	16.49	<=30	Pass
			18	16.43	0.80	16.43	<=30	Pass
			39	16.35	0.80	16.35	<=30	Pass
		75	0	16.44	0.80	16.44	<=30	Pass
	1747.5	1	0	17.09	0.80	17.09	<=30	Pass

			38	17.20	0.80	17.20	<=30	Pass
			74	17.18	0.80	17.18	<=30	Pass
		36	0	16.24	0.80	16.24	<=30	Pass
			18	16.25	0.80	16.25	<=30	Pass
			39	16.31	0.80	16.31	<=30	Pass
		75	0	16.30	0.80	16.30	<=30	Pass
16QAM	1717.5	1	0	16.79	0.80	16.79	<=30	Pass
			38	16.96	0.80	16.96	<=30	Pass
			74	16.74	0.80	16.74	<=30	Pass
		36	0	15.57	0.80	15.57	<=30	Pass
			18	15.58	0.80	15.58	<=30	Pass
			39	15.52	0.80	15.52	<=30	Pass
		75	0	15.50	0.80	15.50	<=30	Pass
	1732.5	1	0	16.56	0.80	16.56	<=30	Pass
			38	16.47	0.80	16.47	<=30	Pass
			74	16.19	0.80	16.19	<=30	Pass
		36	0	15.45	0.80	15.45	<=30	Pass
			18	15.39	0.80	15.39	<=30	Pass
			39	15.30	0.80	15.30	<=30	Pass
		75	0	15.40	0.80	15.40	<=30	Pass
	1747.5	1	0	16.61	0.80	16.61	<=30	Pass
			38	16.72	0.80	16.72	<=30	Pass
			74	16.69	0.80	16.69	<=30	Pass
		36	0	15.21	0.80	15.21	<=30	Pass
			18	15.25	0.80	15.25	<=30	Pass
			39	15.25	0.80	15.25	<=30	Pass
		75	0	15.24	0.80	15.24	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B4_20MHz_EIRP

1.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	17.26	0.80	17.26	<=30	Pass
			50	17.65	0.80	17.65	<=30	Pass
			99	17.22	0.80	17.22	<=30	Pass
		50	0	16.48	0.80	16.48	<=30	Pass
			25	16.55	0.80	16.55	<=30	Pass
			50	16.42	0.80	16.42	<=30	Pass
		100	0	16.49	0.80	16.49	<=30	Pass
	1732.5	1	0	17.27	0.80	17.27	<=30	Pass
			50	17.51	0.80	17.51	<=30	Pass
			99	16.98	0.80	16.98	<=30	Pass
		50	0	16.45	0.80	16.45	<=30	Pass
			25	16.36	0.80	16.36	<=30	Pass
			50	16.23	0.80	16.23	<=30	Pass
		100	0	16.39	0.80	16.39	<=30	Pass
	1745	1	0	16.98	0.80	16.98	<=30	Pass
			50	17.30	0.80	17.30	<=30	Pass
			99	17.02	0.80	17.02	<=30	Pass
		50	0	16.13	0.80	16.13	<=30	Pass
			25	16.21	0.80	16.21	<=30	Pass
			50	16.12	0.80	16.12	<=30	Pass
		100	0	16.15	0.80	16.15	<=30	Pass

16QAM	1720	1	0	16.76	0.80	16.76	<=30	Pass
			50	17.19	0.80	17.19	<=30	Pass
			99	16.68	0.80	16.68	<=30	Pass
		50	0	15.50	0.80	15.50	<=30	Pass
			25	15.56	0.80	15.56	<=30	Pass
			50	15.40	0.80	15.40	<=30	Pass
		100	0	15.53	0.80	15.53	<=30	Pass
	1732.5	1	0	16.43	0.80	16.43	<=30	Pass
			50	16.65	0.80	16.65	<=30	Pass
			99	16.14	0.80	16.14	<=30	Pass
		50	0	15.42	0.80	15.42	<=30	Pass
			25	15.35	0.80	15.35	<=30	Pass
			50	15.23	0.80	15.23	<=30	Pass
		100	0	15.37	0.80	15.37	<=30	Pass
	1745	1	0	16.23	0.80	16.23	<=30	Pass
			50	16.55	0.80	16.55	<=30	Pass
			99	16.25	0.80	16.25	<=30	Pass
		50	0	15.11	0.80	15.11	<=30	Pass
			25	15.17	0.80	15.17	<=30	Pass
			50	15.13	0.80	15.13	<=30	Pass
		100	0	15.14	0.80	15.14	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	10.529	0.0062	-2.5 to 2.5	Pass
					3.85	5.765	0.0034	-2.5 to 2.5	Pass
					4.43	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-9.842	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-20.227	-0.0117	-2.5 to 2.5	Pass
					3.85	-18.883	-0.0109	-2.5 to 2.5	Pass
					4.43	0.329	0.0002	-2.5 to 2.5	Pass
				-30	3.85	8.683	0.0050	-2.5 to 2.5	Pass
				-20	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-8.698	-0.0050	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	32.802	0.0187	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0034	-2.5 to 2.5	Pass

					4.43	-4.449	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.610	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				50	3.85	2.832	0.0016	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-4.778	-0.0028	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
					4.43	0.715	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-6.080	-0.0035	-2.5 to 2.5	Pass
					3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.732	-0.0016	-2.5 to 2.5	Pass
					3.85	1.073	0.0006	-2.5 to 2.5	Pass
					4.43	-6.666	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-10.357	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-8.025	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.782	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass

2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	10.514	0.0061	-2.5 to 2.5	Pass
					3.85	2.518	0.0015	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass

				10	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-18.868	-0.0109	-2.5 to 2.5	Pass
					3.85	-11.601	-0.0067	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-14.777	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-10.686	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-12.145	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-7.496	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-12.174	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-13.347	-0.0077	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	32.144	0.0183	-2.5 to 2.5	Pass
					3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
					4.43	-8.097	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-8.554	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.954	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-2.818	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
					4.43	-8.540	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-7.553	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-13.375	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	2.189	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				10	3.85	-4.892	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-8.068	-0.0047	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-11.086	-0.0064	-2.5 to 2.5	Pass
					3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
					4.43	10.428	0.0060	-2.5 to 2.5	Pass
				-30	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-7.725	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	-10.686	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-6.895	-0.0039	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	-8.569	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.869	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-2.5 to 2.5	Pass

2.3 B4_5MHz

2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	2.818	0.0016	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
					4.43	-6.180	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-8.011	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-9.184	-0.0054	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-13.704	-0.0079	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-8.841	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	2.174	0.0012	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
					4.43	-8.283	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-10.614	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0047	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-2.017	-0.0012	-2.5 to 2.5	Pass
					3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
					4.43	-3.691	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.251	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-8.640	-0.0050	-2.5 to 2.5	Pass
					3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-10.915	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass

				-10	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.903	-0.0011	-2.5 to 2.5	Pass
					3.85	-11.086	-0.0063	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-7.396	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-10.529	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-12.918	-0.0074	-2.5 to 2.5	Pass

2.4 B4_10MHz

2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-4.807	-0.0028	-2.5 to 2.5	Pass
					3.85	-1.459	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-7.839	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.762	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-5.364	-0.0031	-2.5 to 2.5	Pass
					3.85	-10.042	-0.0057	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.792	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-7.167	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass

				50	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.905	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-3.891	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-4.549	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.091	-0.0024	-2.5 to 2.5	Pass
					3.85	1.330	0.0008	-2.5 to 2.5	Pass
					4.43	-4.191	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-9.570	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				50	3.85	2.160	0.0012	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-4.306	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				0	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass

2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.691	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-6.366	-0.0037	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-6.824	-0.0039	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass

				-20	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-8.297	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-7.911	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-6.552	-0.0037	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.426	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-8.583	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.638	-0.0039	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-6.294	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-3.862	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-3.090	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
					4.43	-4.349	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-9.170	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-6.537	-0.0037	-2.5 to 2.5	Pass

2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-5.708	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.465	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-9.513	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-7.567	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-7.811	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-9.356	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.107	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-6.695	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.138	-0.0042	-2.5 to 2.5	Pass
					3.85	-7.839	-0.0046	-2.5 to 2.5	Pass
					4.43	-3.448	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.809	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-9.012	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0037	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-4.907	-0.0028	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	0.687	0.0004	-2.5 to 2.5	Pass
				-30	3.85	3.648	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.123	-0.0035	-2.5 to 2.5	Pass
					3.85	-7.095	-0.0041	-2.5 to 2.5	Pass

					4.43	-6.795	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass

3. Modulation Characteristics

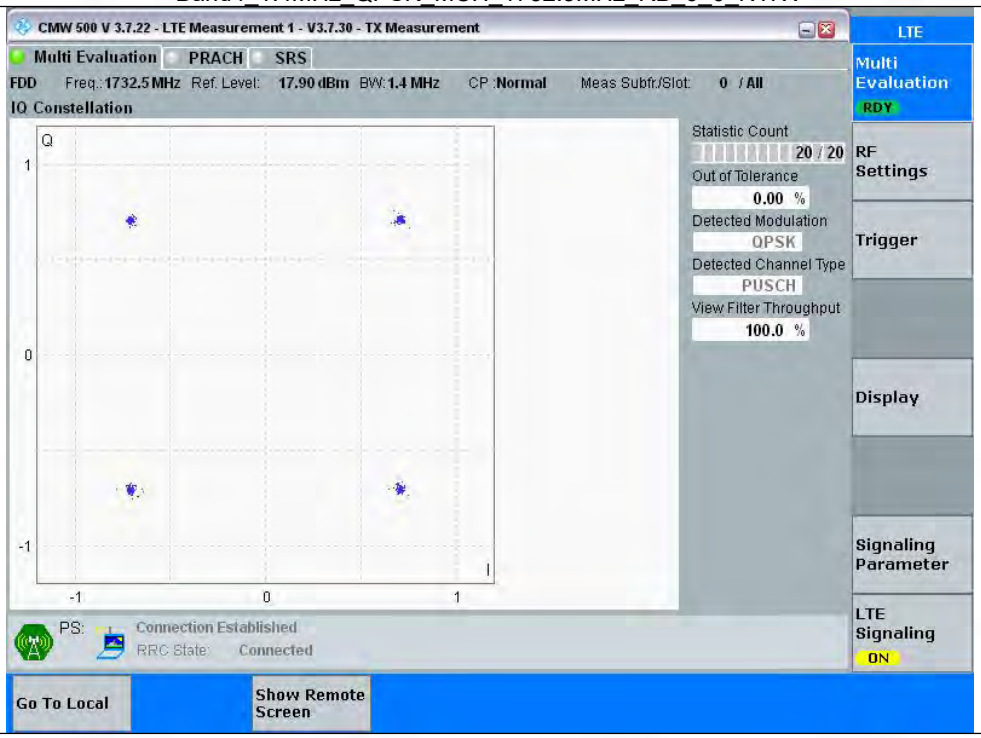
3.1 B4_1.4MHz

3.1.1 Test Result

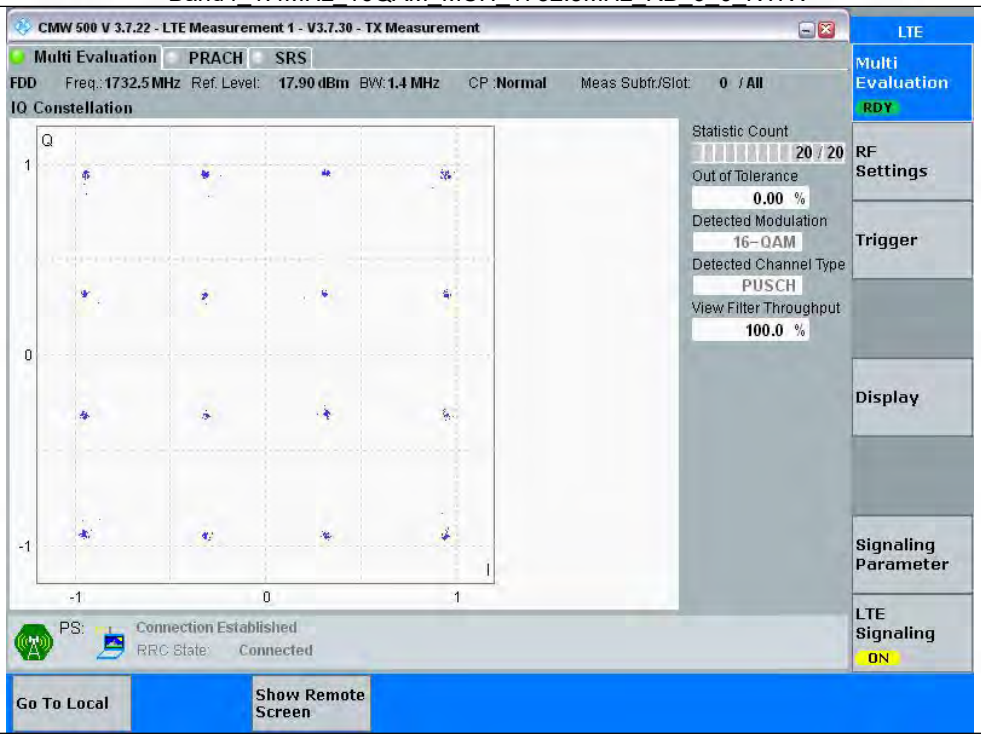
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



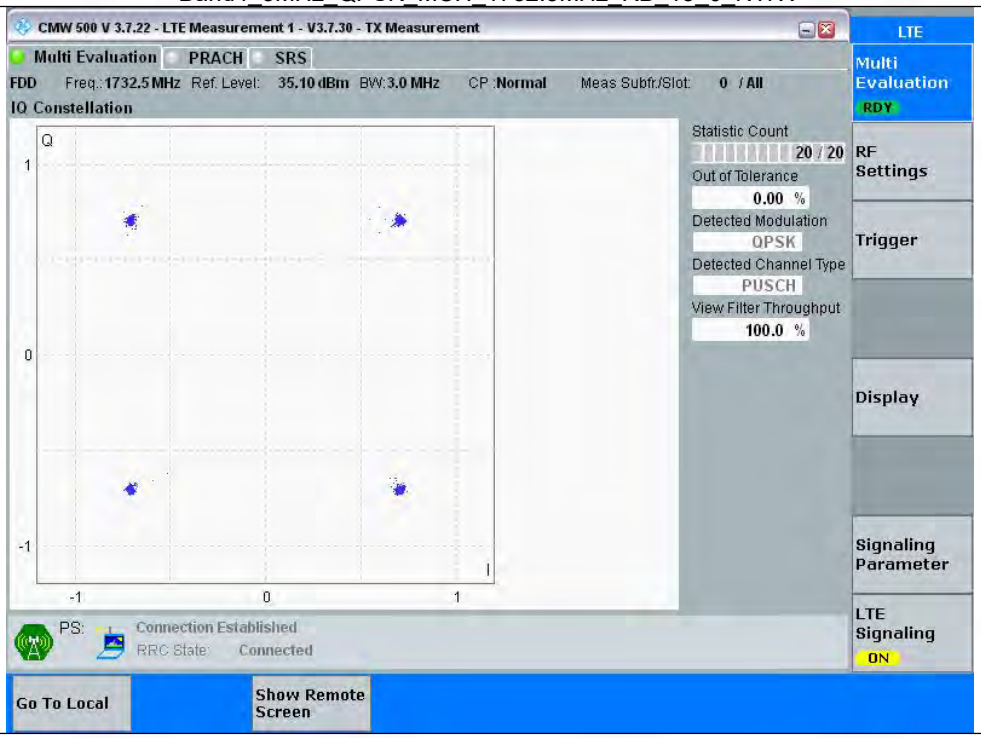
3.2 B4_3MHz

3.2.1 Test Result

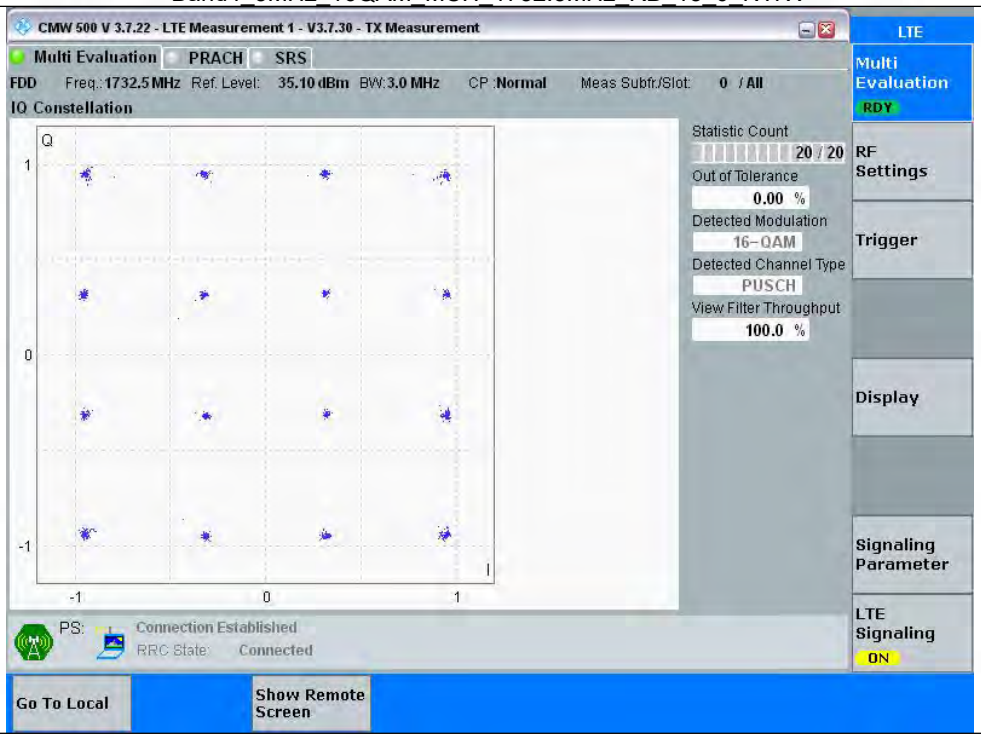
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



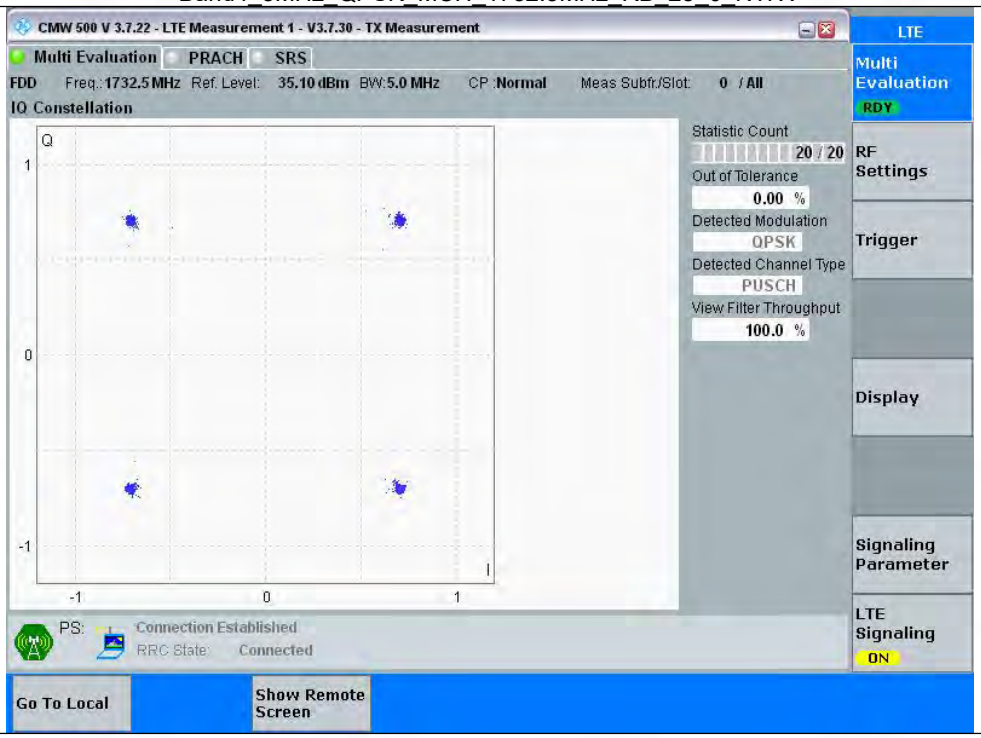
3.3 B4_5MHz

3.3.1 Test Result

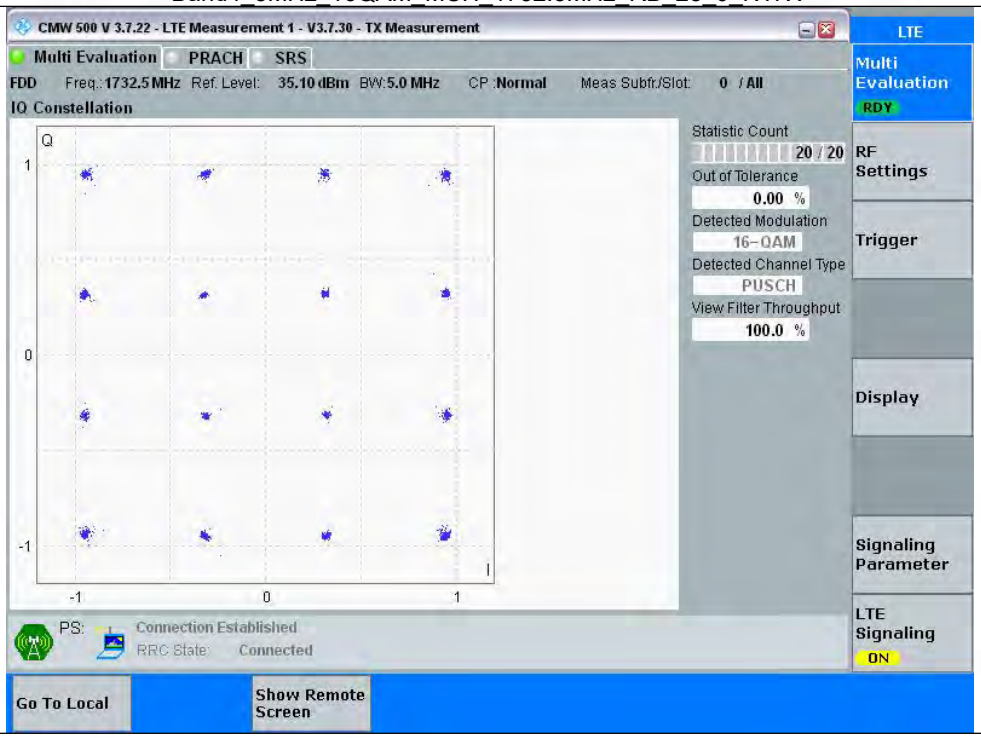
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



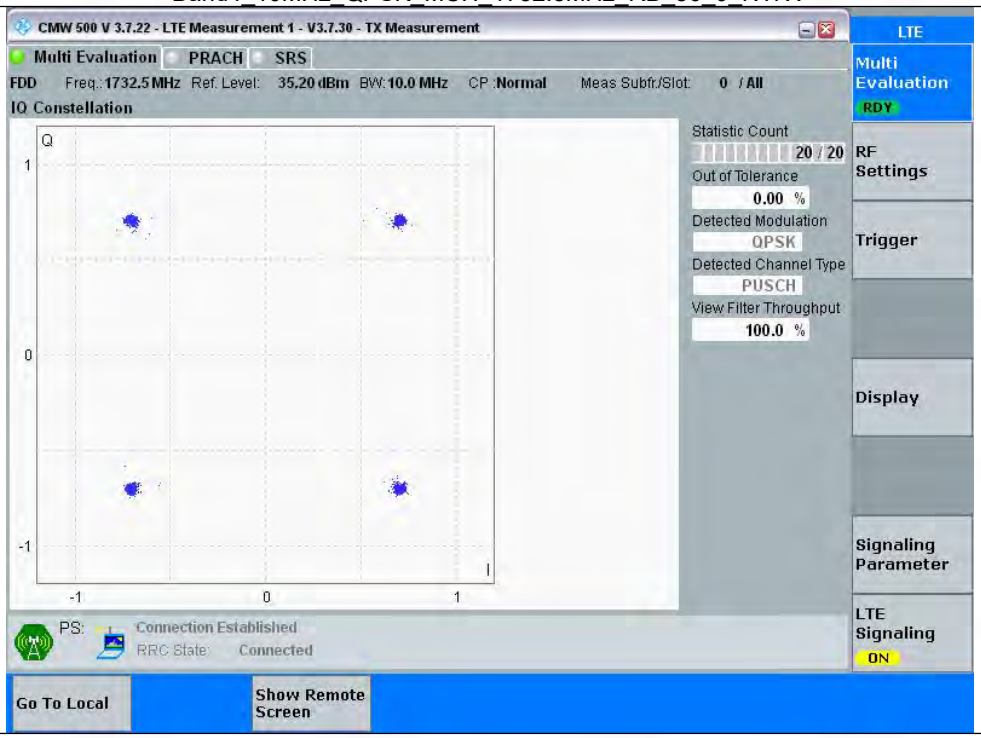
3.4 B4_10MHz

3.4.1 Test Result

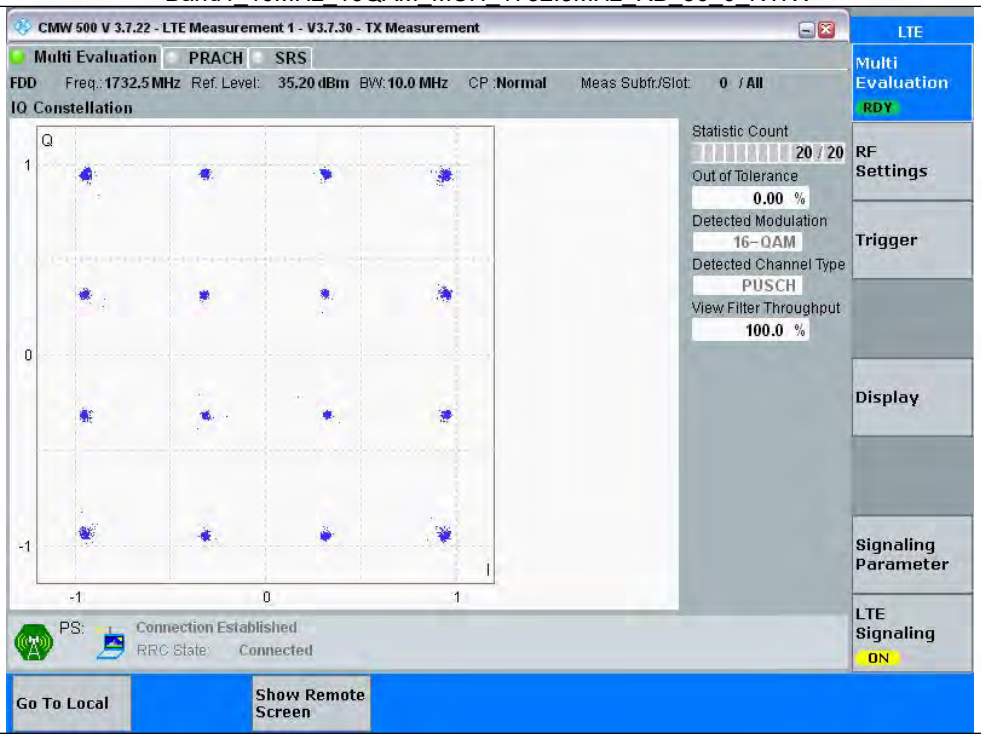
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



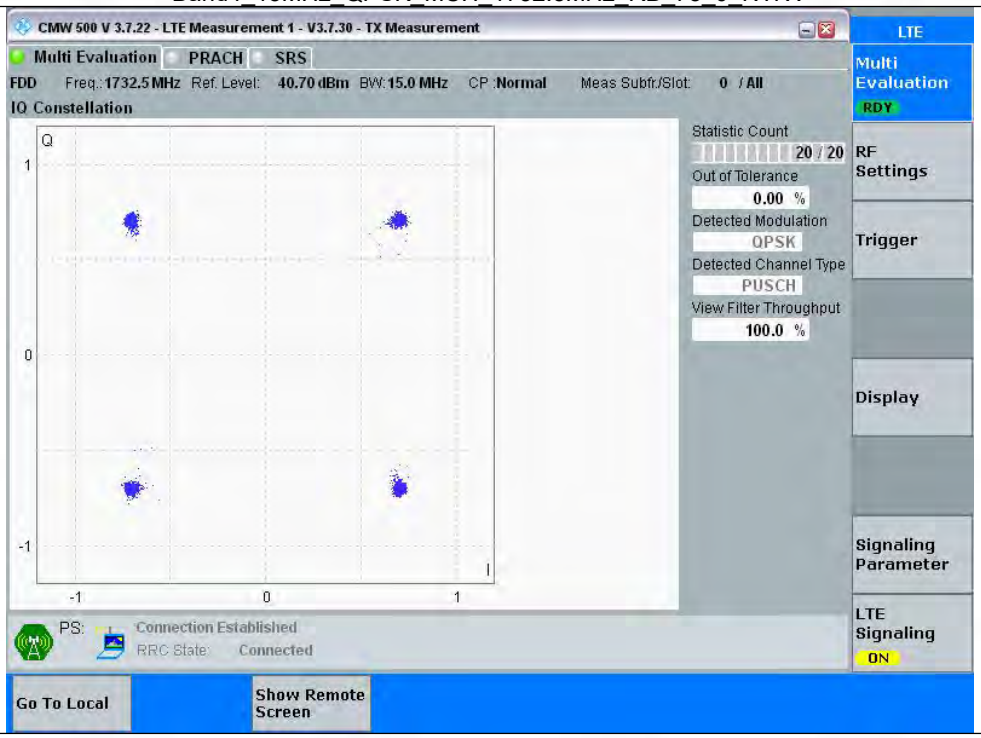
3.5 B4_15MHz

3.5.1 Test Result

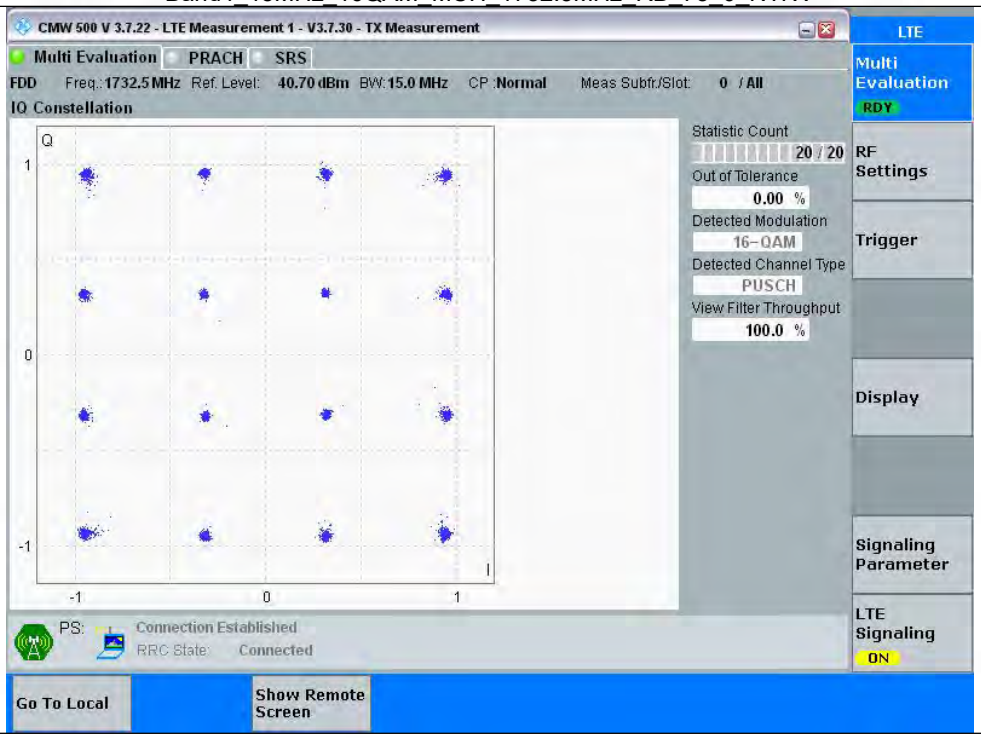
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



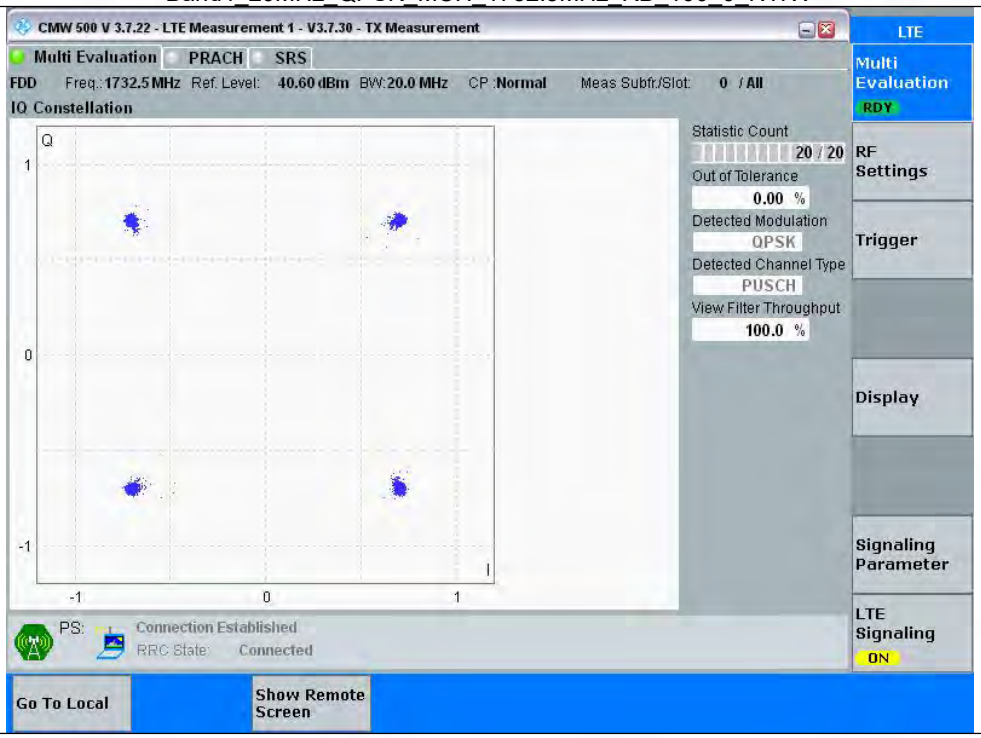
3.6 B4_20MHz

3.6.1 Test Result

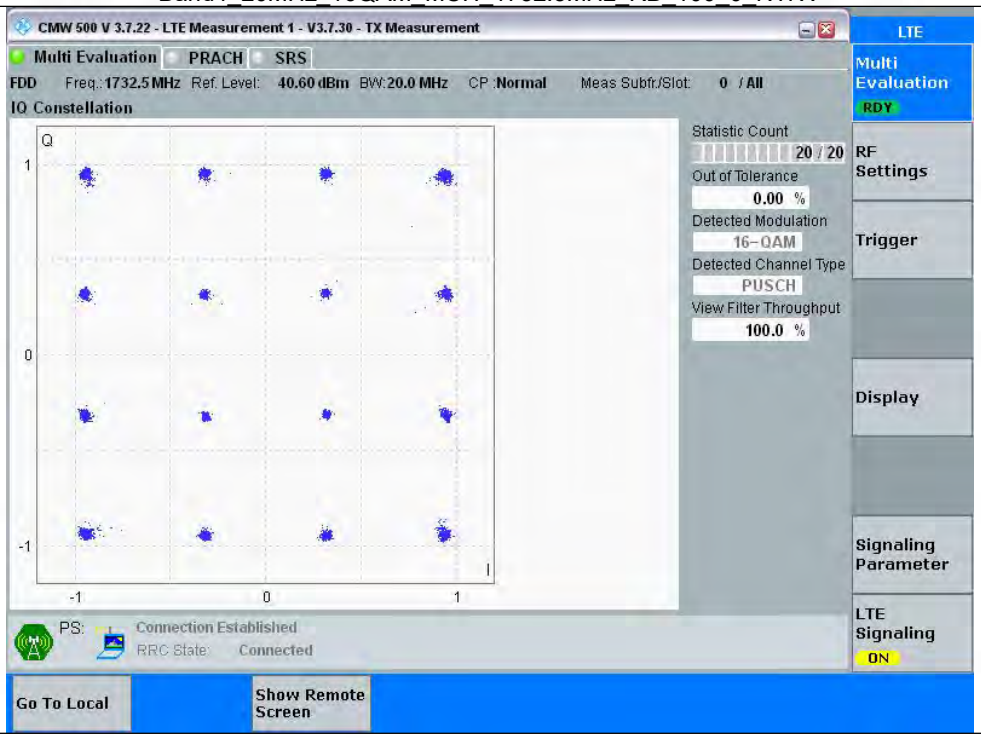
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

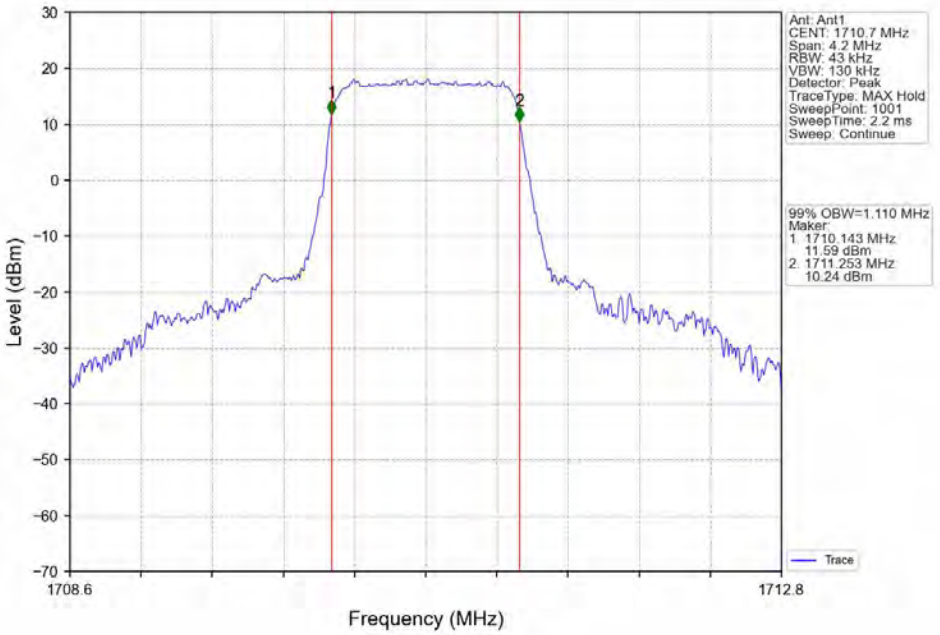
4.1 Band4_OBW

4.1.1 Test Result

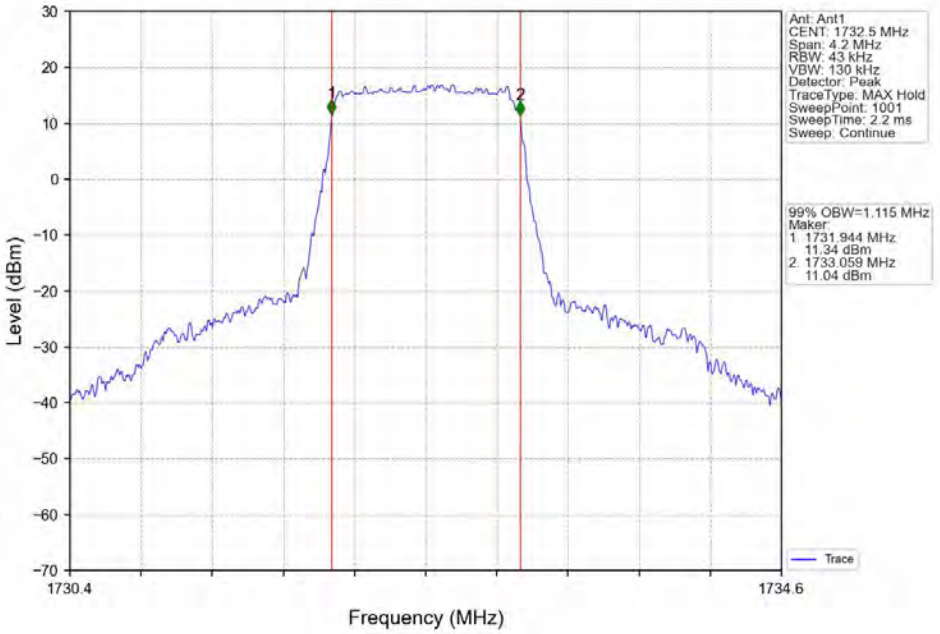
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.110	/	Pass
		1732.5	6	0	1.115	/	Pass
		1754.3	6	0	1.107	/	Pass
	16QAM	1710.7	6	0	1.118	/	Pass
		1732.5	6	0	1.108	/	Pass
		1754.3	6	0	1.107	/	Pass
3	QPSK	1711.5	15	0	2.721	/	Pass
		1732.5	15	0	2.727	/	Pass
		1753.5	15	0	2.727	/	Pass
	16QAM	1711.5	15	0	2.721	/	Pass
		1732.5	15	0	2.713	/	Pass
		1753.5	15	0	2.720	/	Pass
5	QPSK	1712.5	25	0	4.535	/	Pass
		1732.5	25	0	4.544	/	Pass
		1752.5	25	0	4.557	/	Pass
	16QAM	1712.5	25	0	4.541	/	Pass
		1732.5	25	0	4.549	/	Pass
		1752.5	25	0	4.526	/	Pass
10	QPSK	1715	50	0	9.059	/	Pass
		1732.5	50	0	9.029	/	Pass
		1750	50	0	9.080	/	Pass
	16QAM	1715	50	0	9.043	/	Pass
		1732.5	50	0	9.055	/	Pass
		1750	50	0	9.054	/	Pass
15	QPSK	1717.5	75	0	13.569	/	Pass
		1732.5	75	0	13.563	/	Pass
		1747.5	75	0	13.604	/	Pass
	16QAM	1717.5	75	0	13.565	/	Pass
		1732.5	75	0	13.581	/	Pass
		1747.5	75	0	13.582	/	Pass
20	QPSK	1720	100	0	18.047	/	Pass
		1732.5	100	0	18.179	/	Pass
		1745	100	0	18.114	/	Pass
	16QAM	1720	100	0	18.058	/	Pass
		1732.5	100	0	18.142	/	Pass
		1745	100	0	18.159	/	Pass

4.1.2 Test Graph

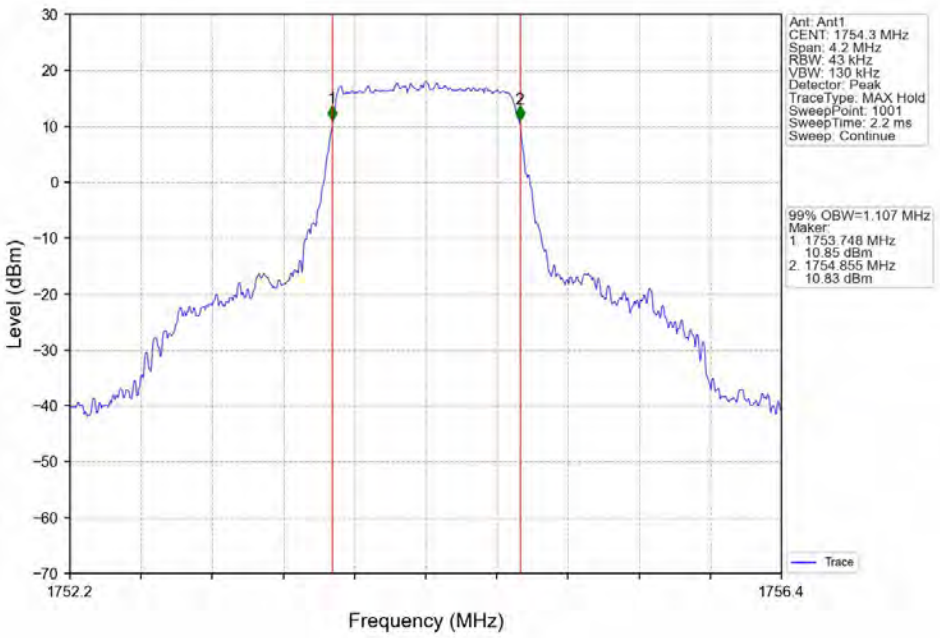
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



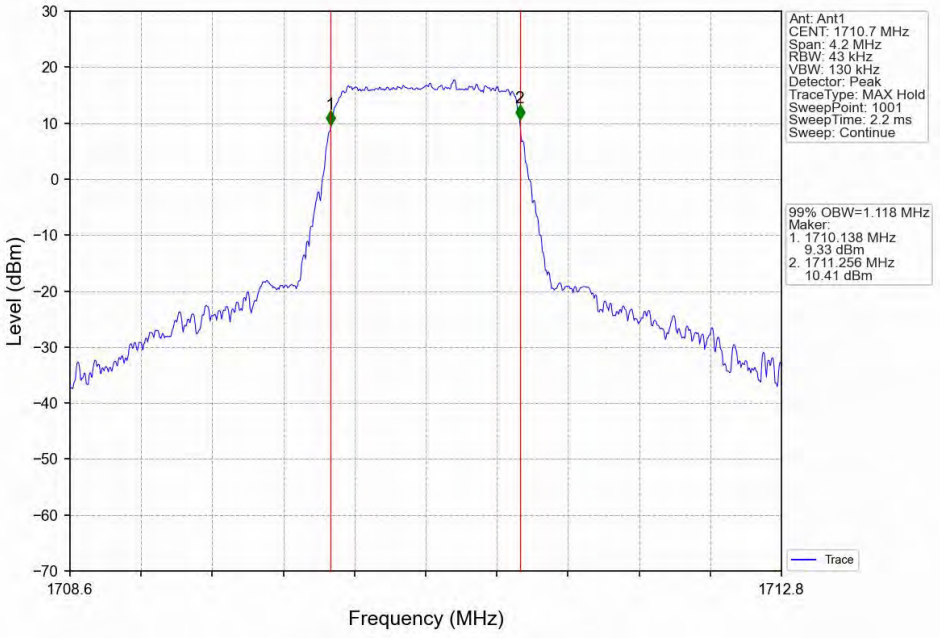
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



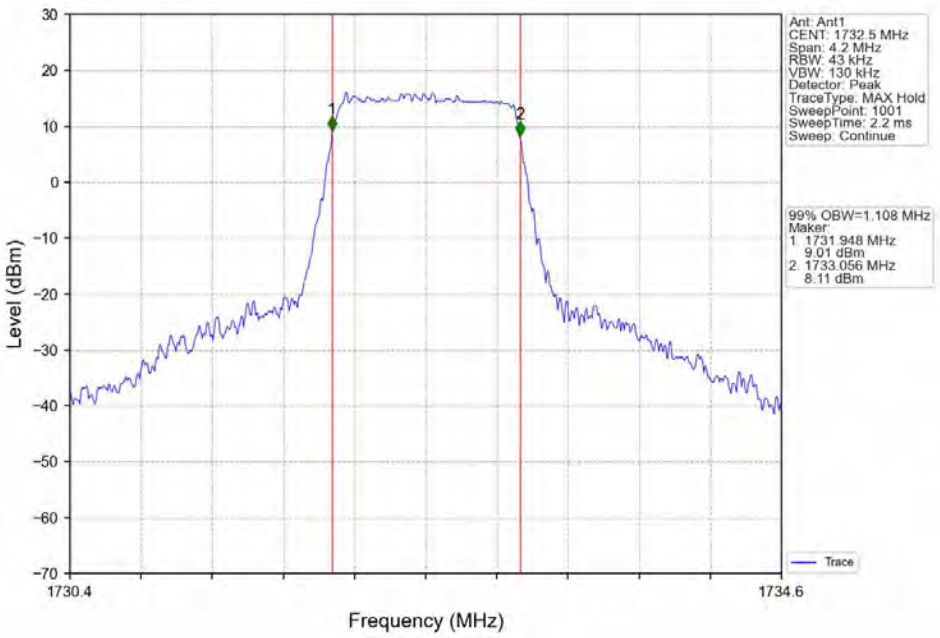
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



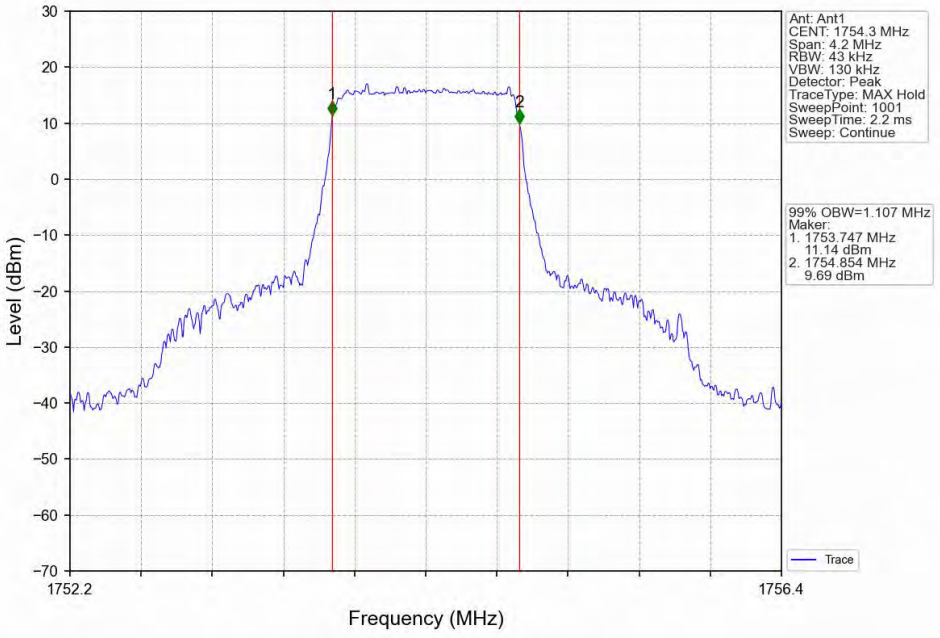
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



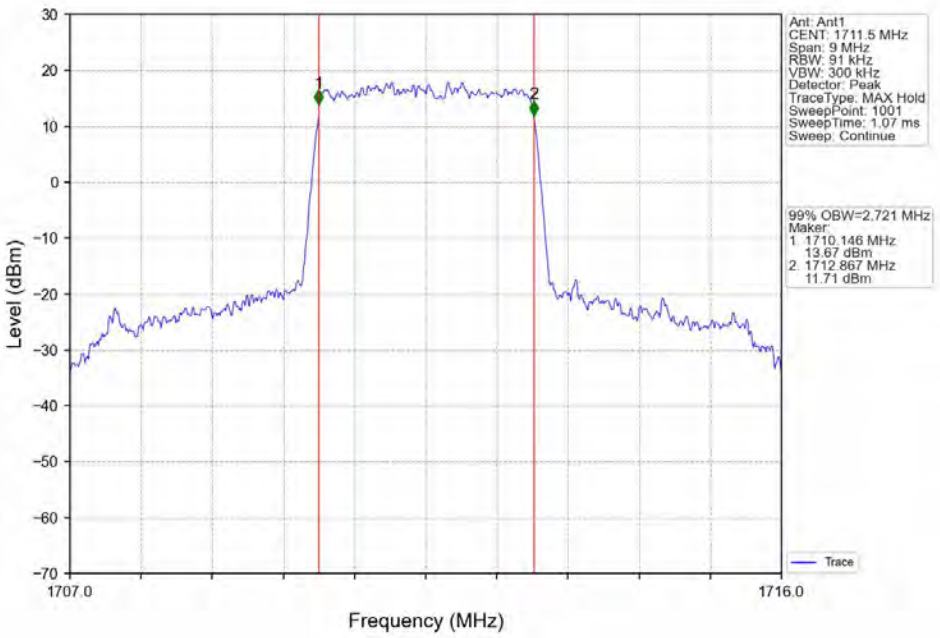
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



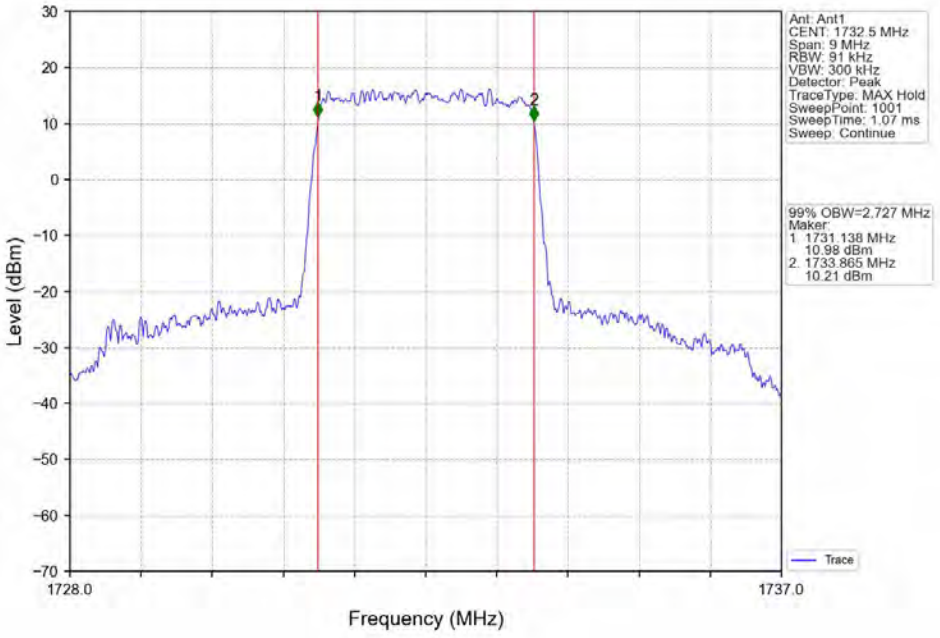
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



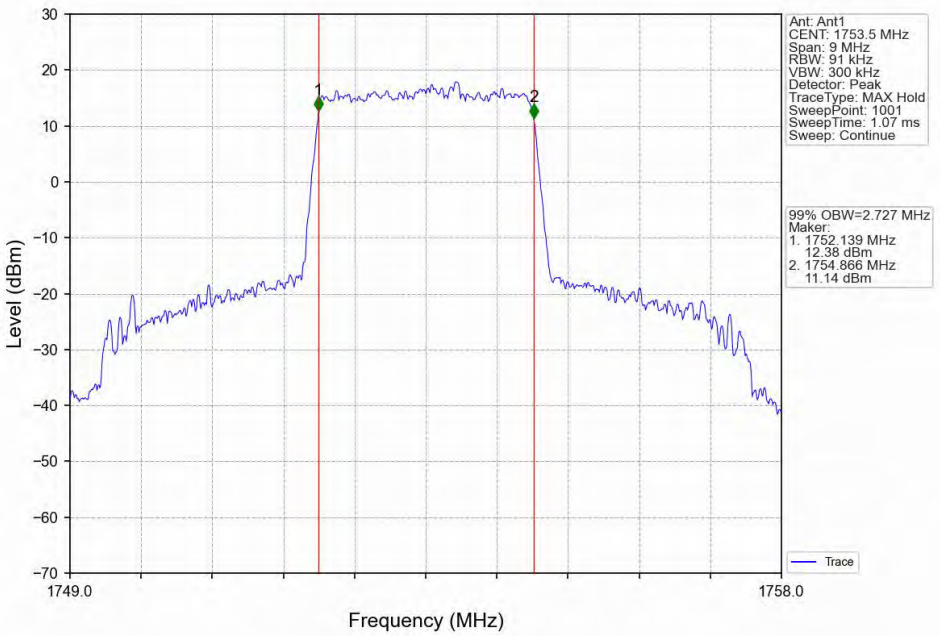
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



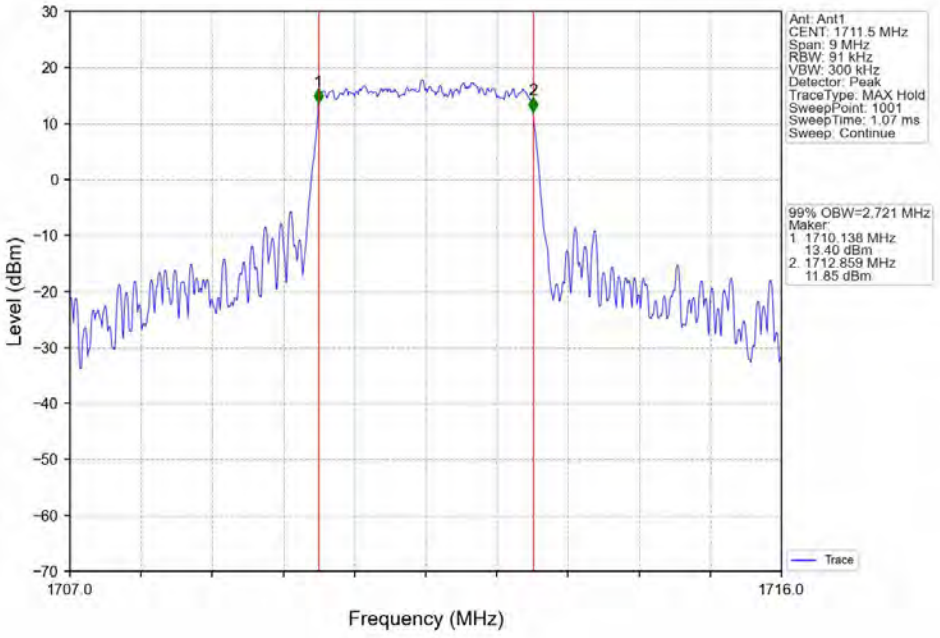
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



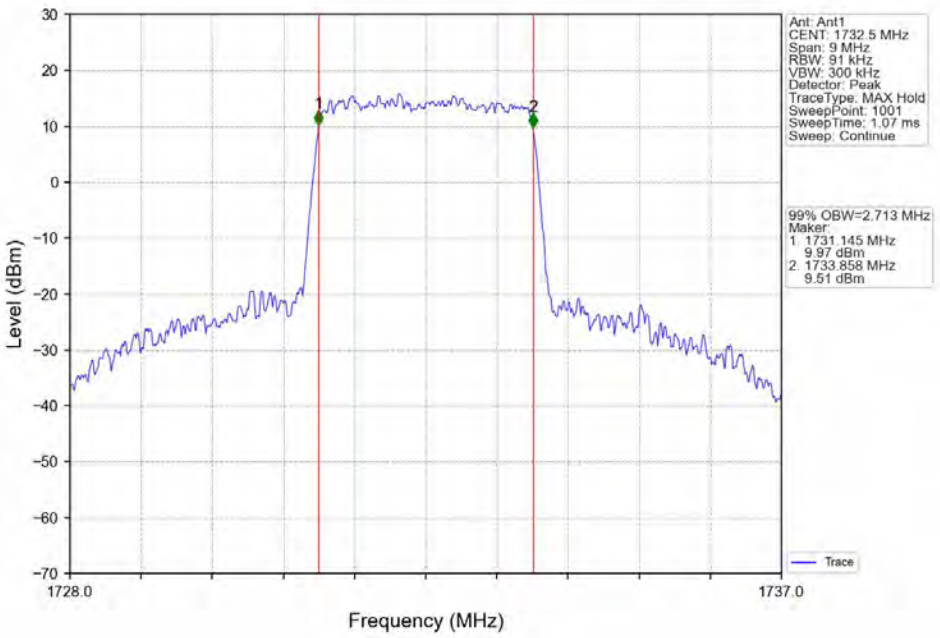
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



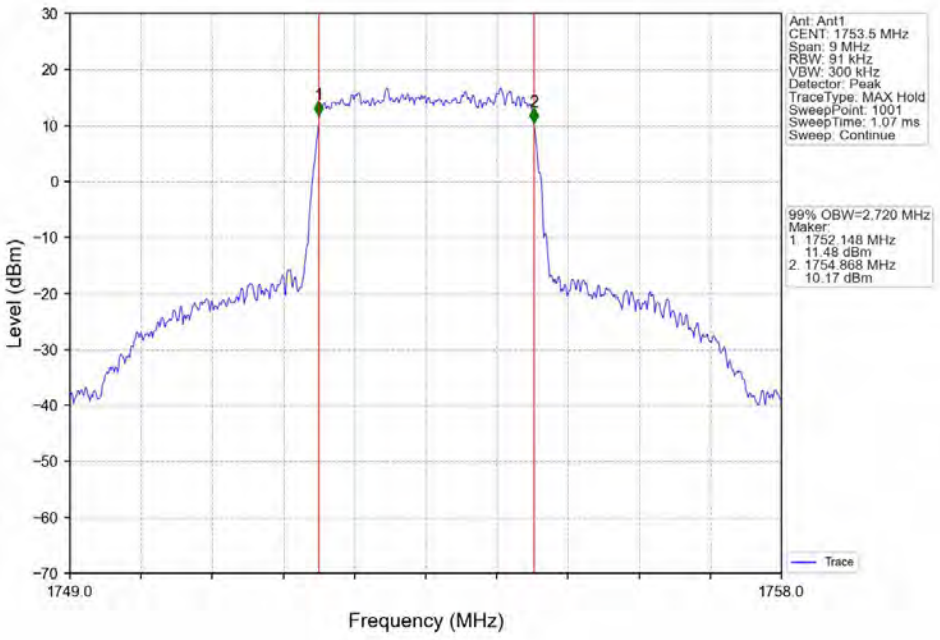
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



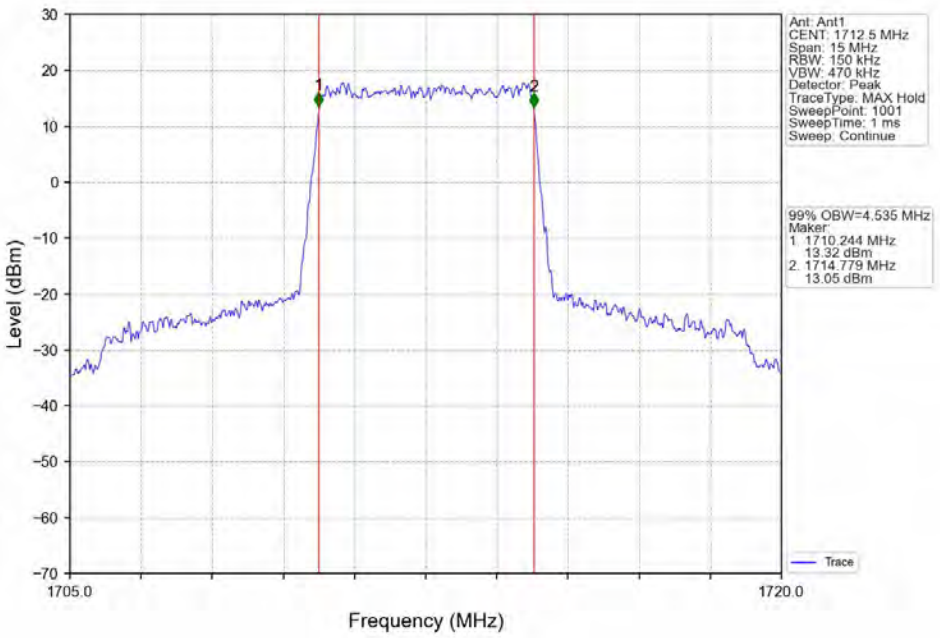
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



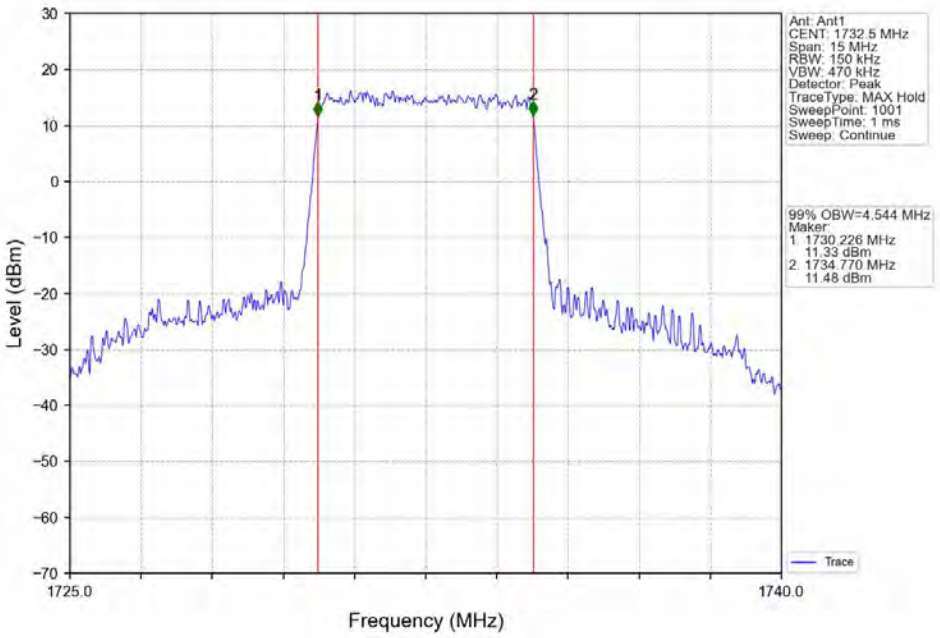
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



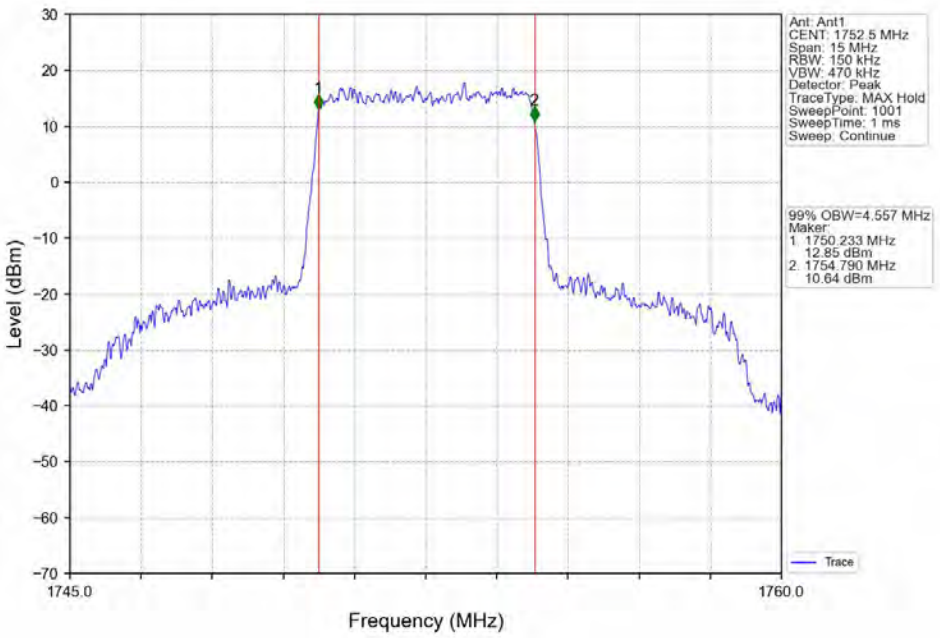
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



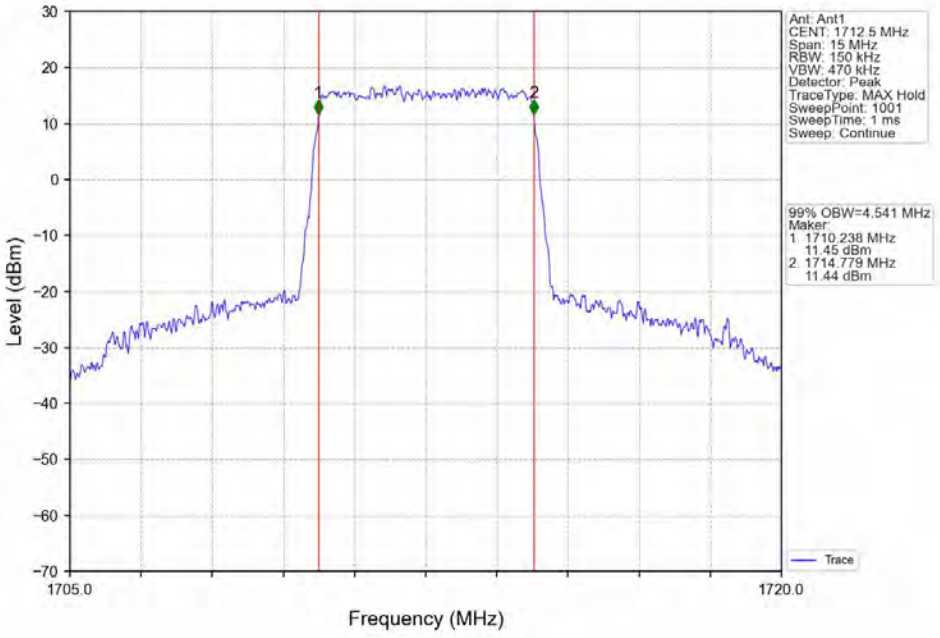
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



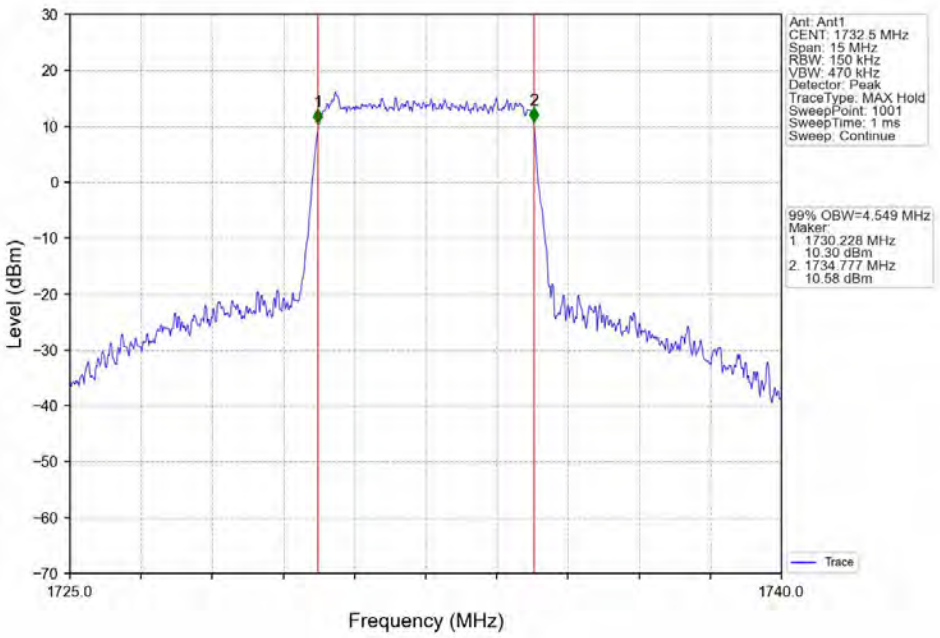
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



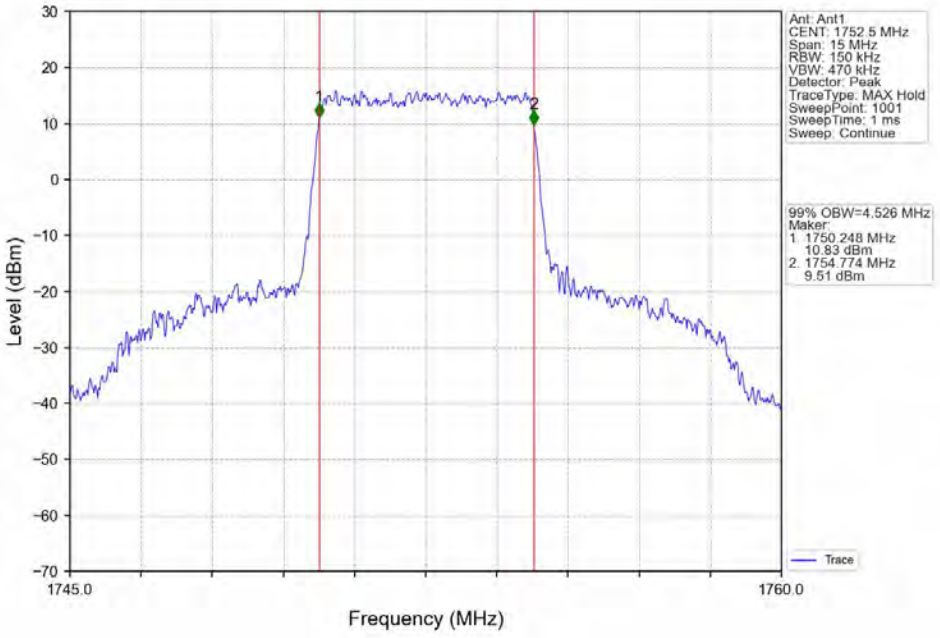
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



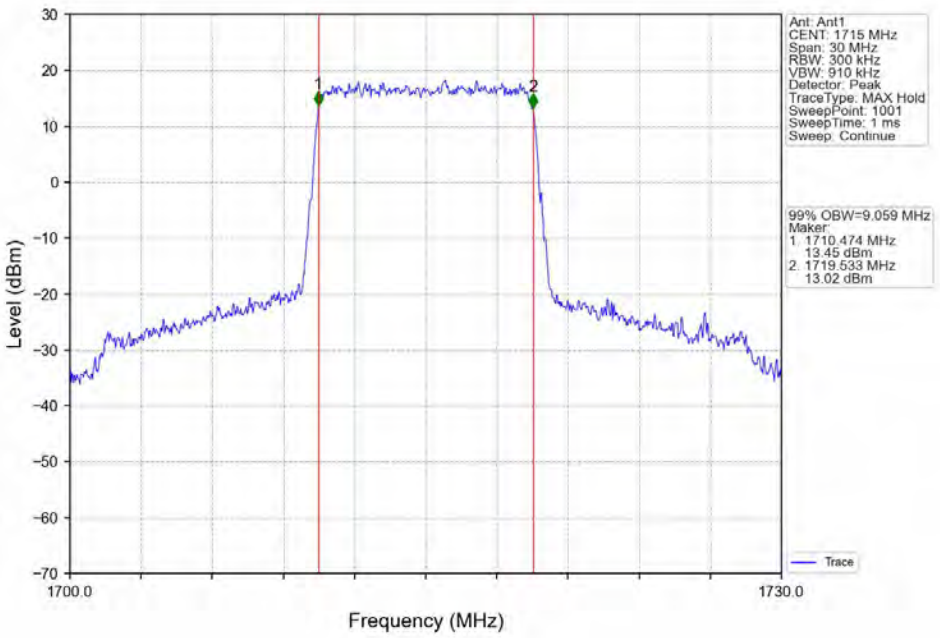
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



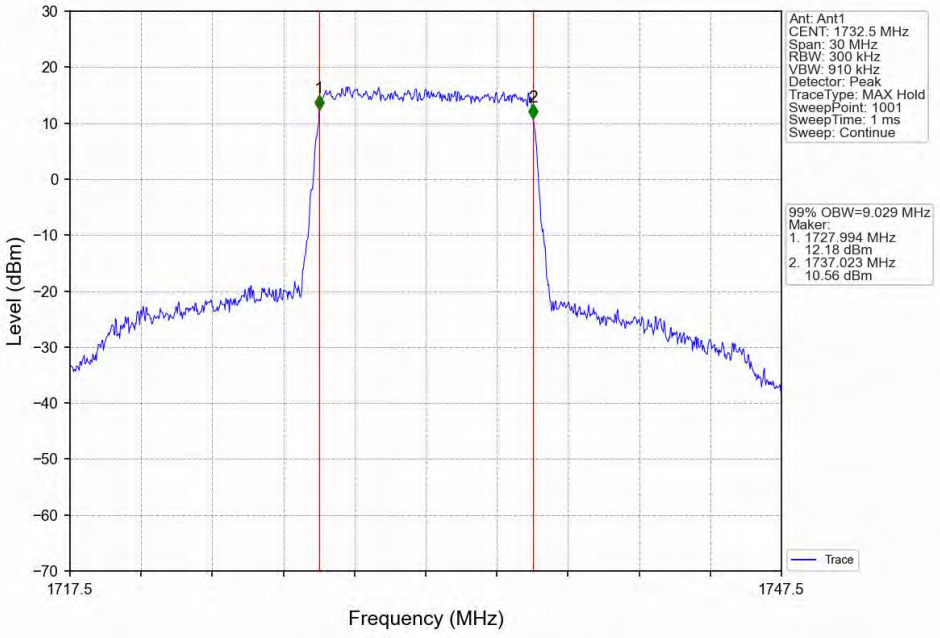
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



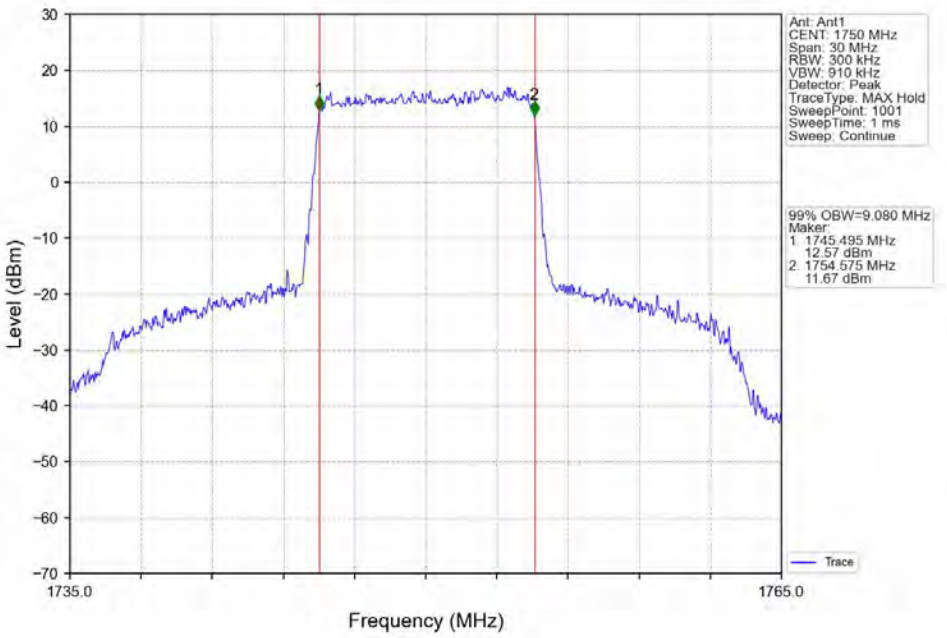
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



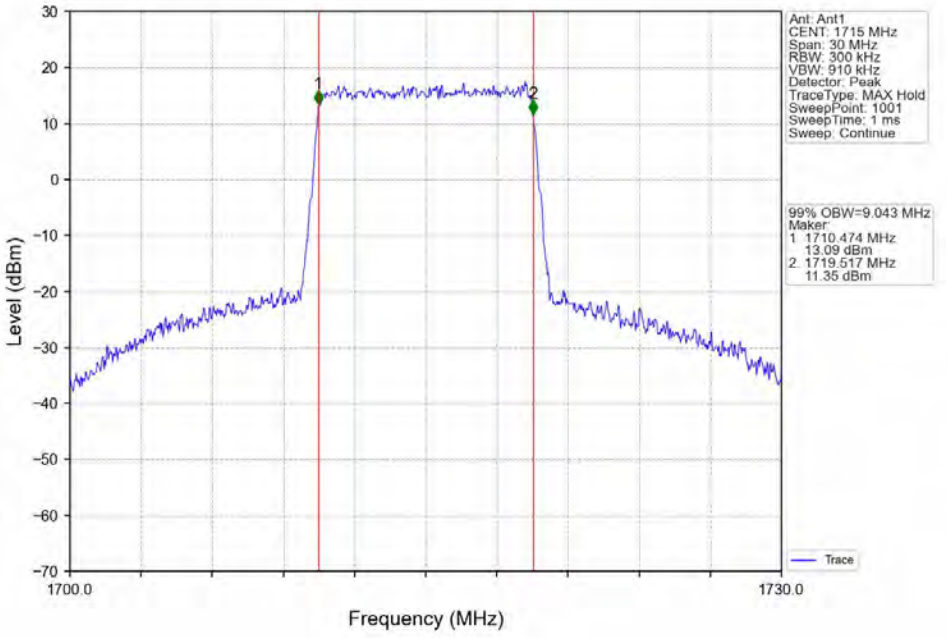
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



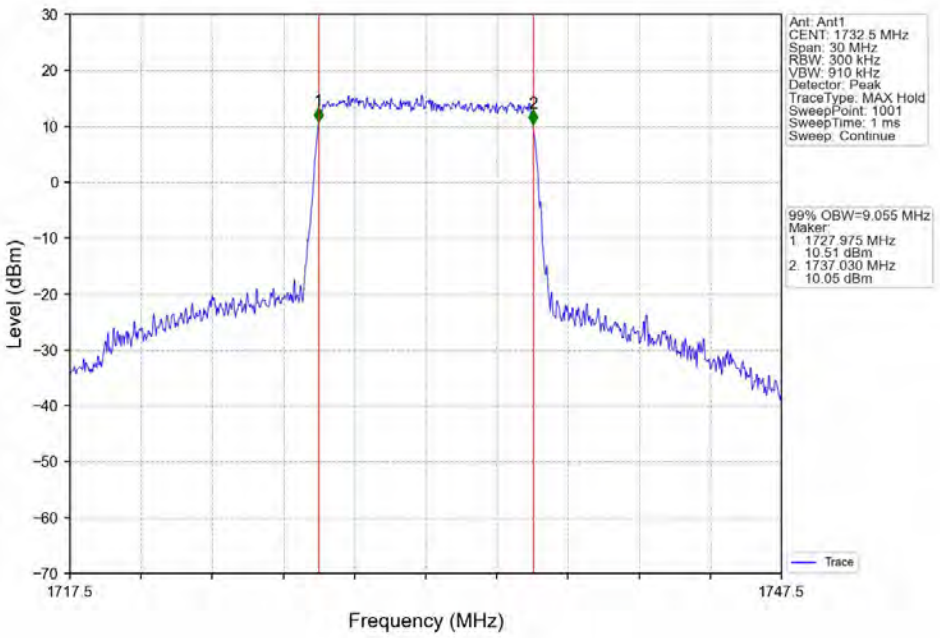
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



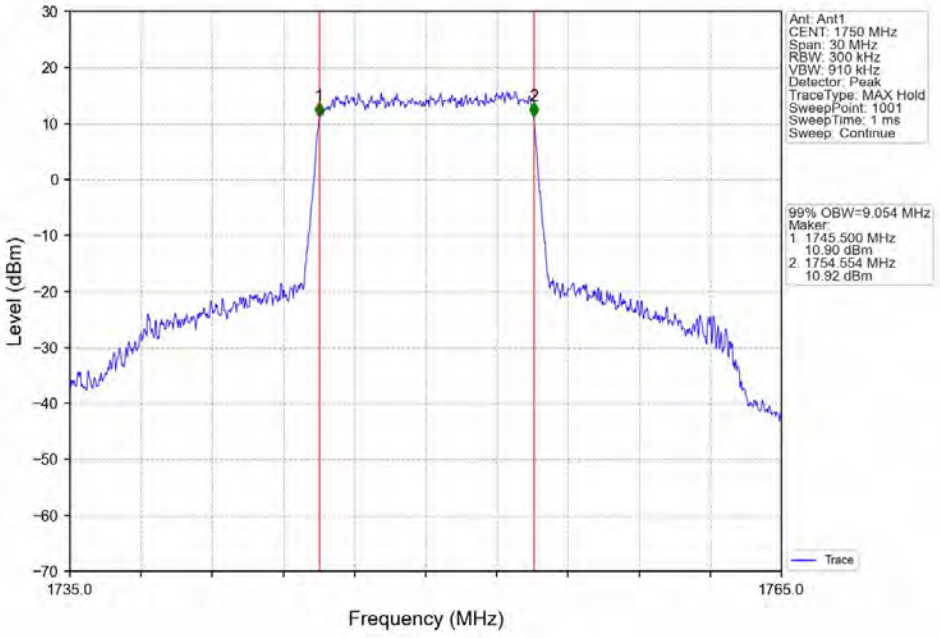
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



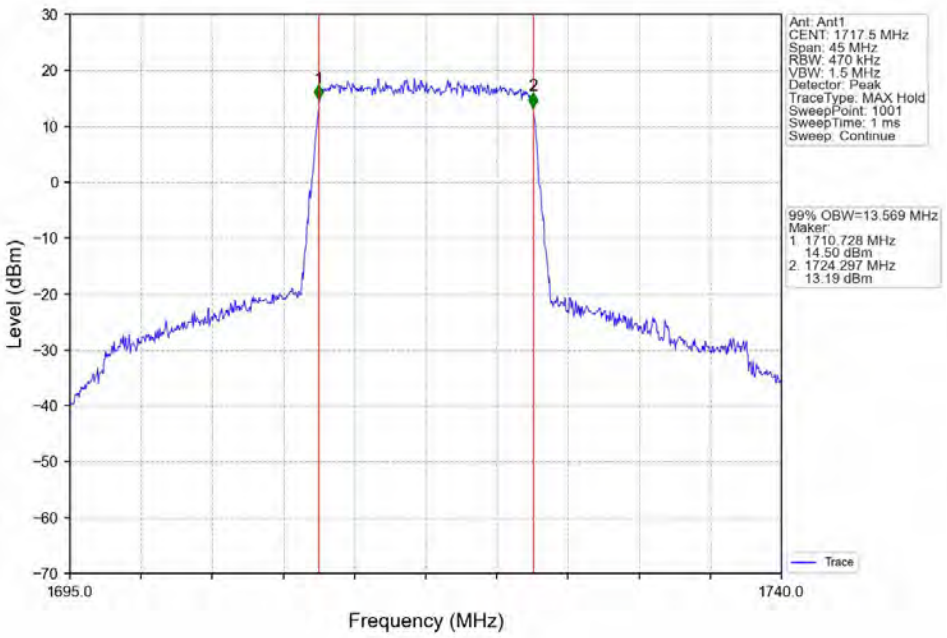
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



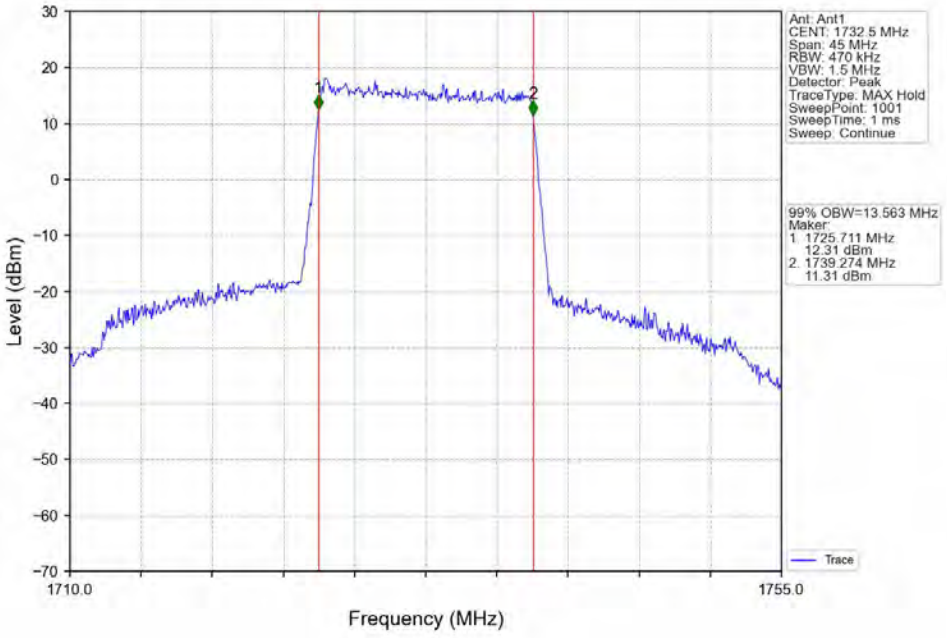
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



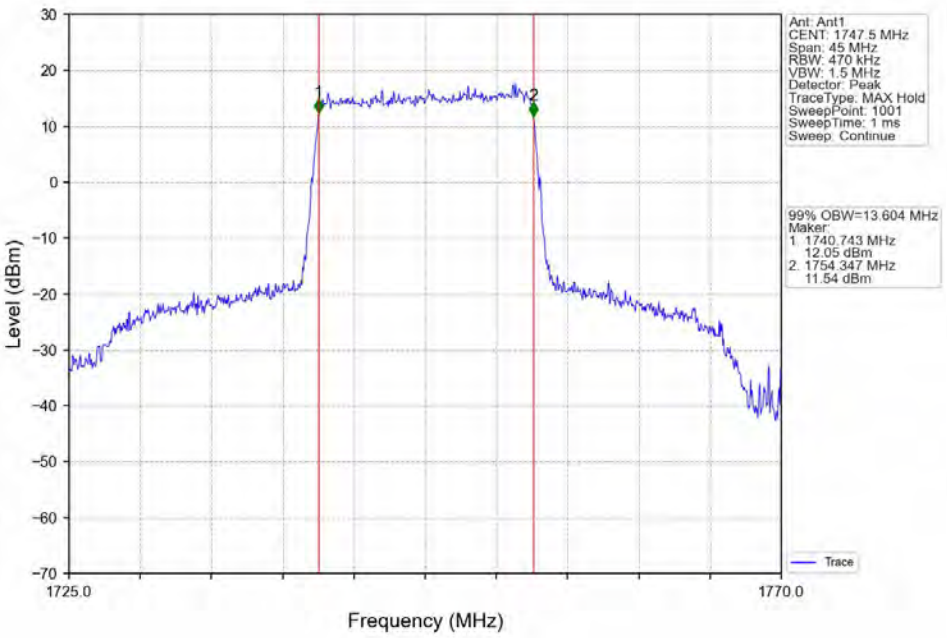
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



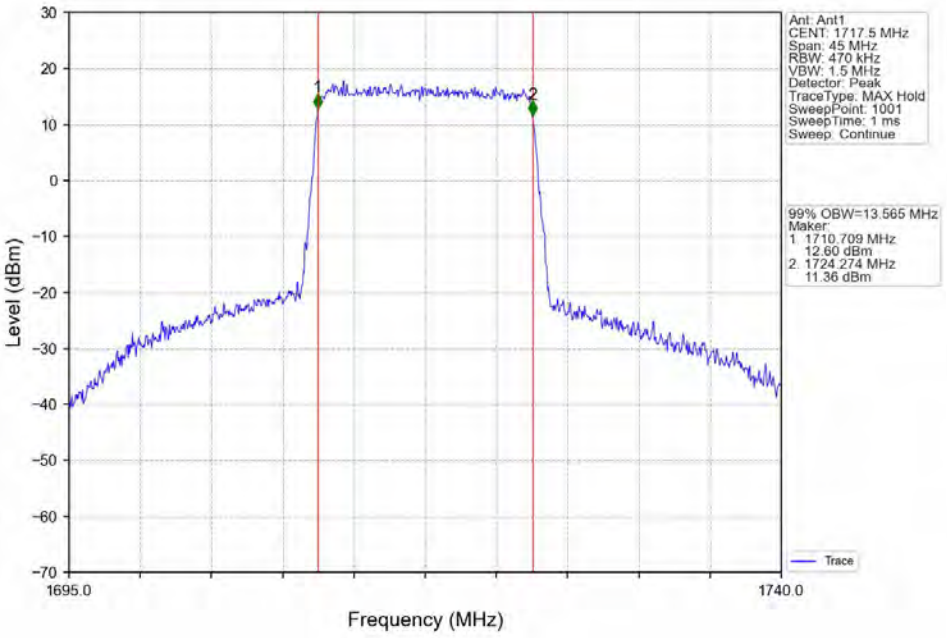
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



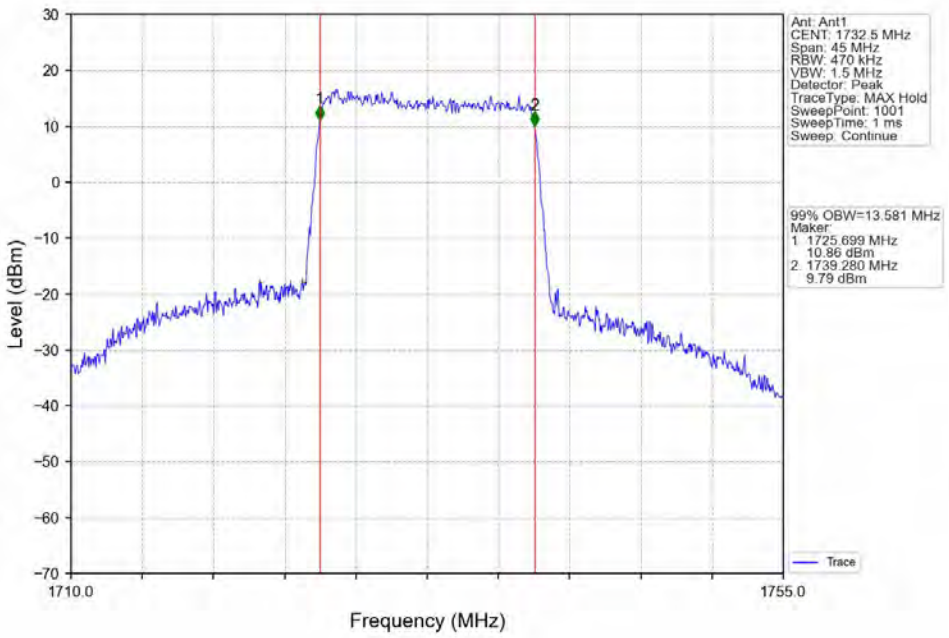
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



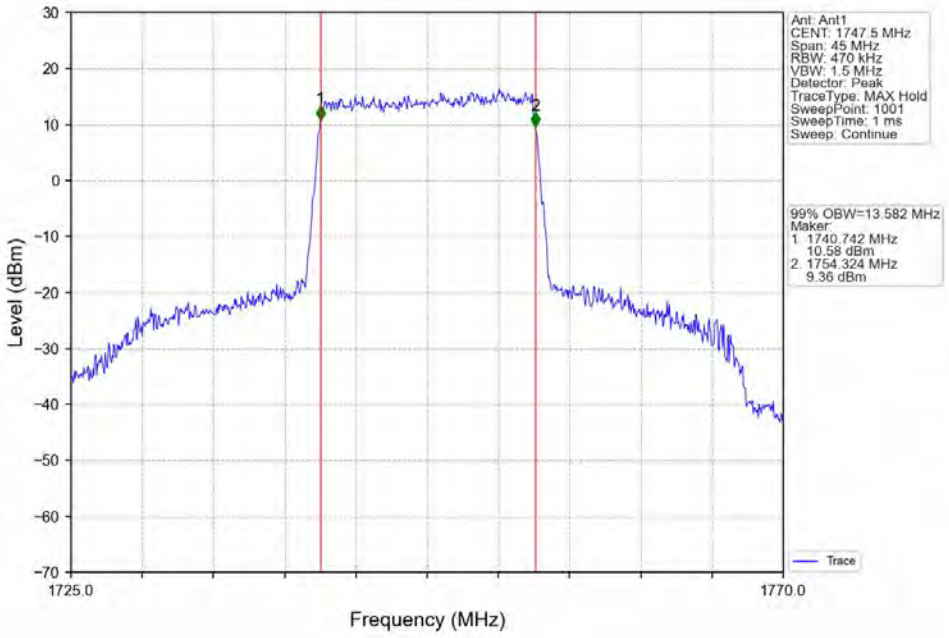
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



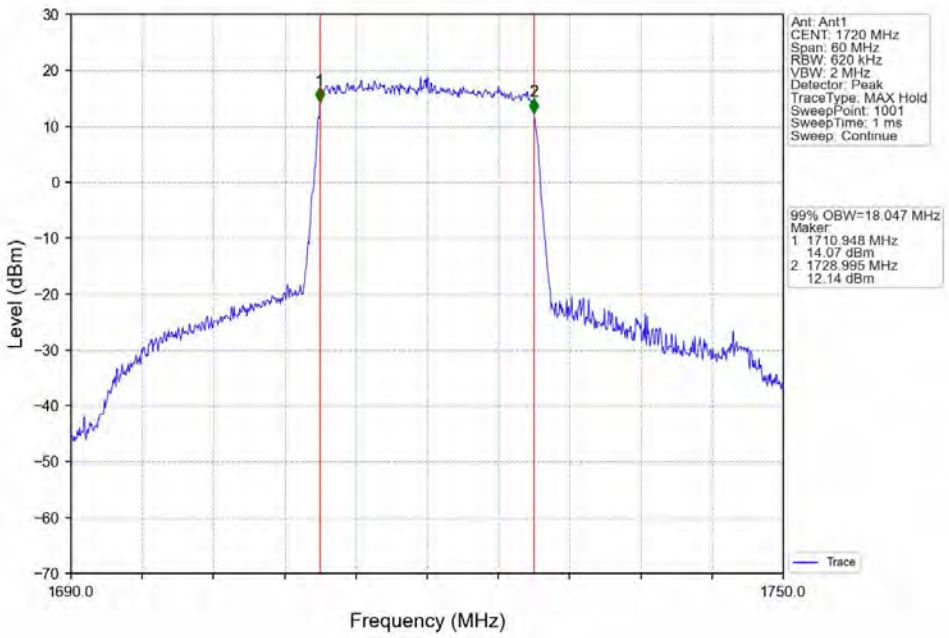
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



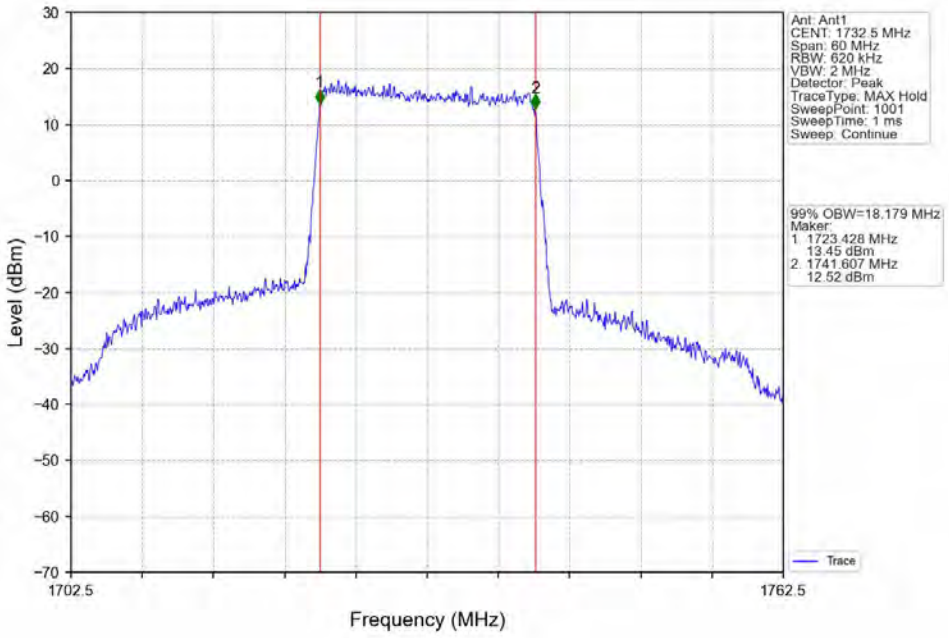
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



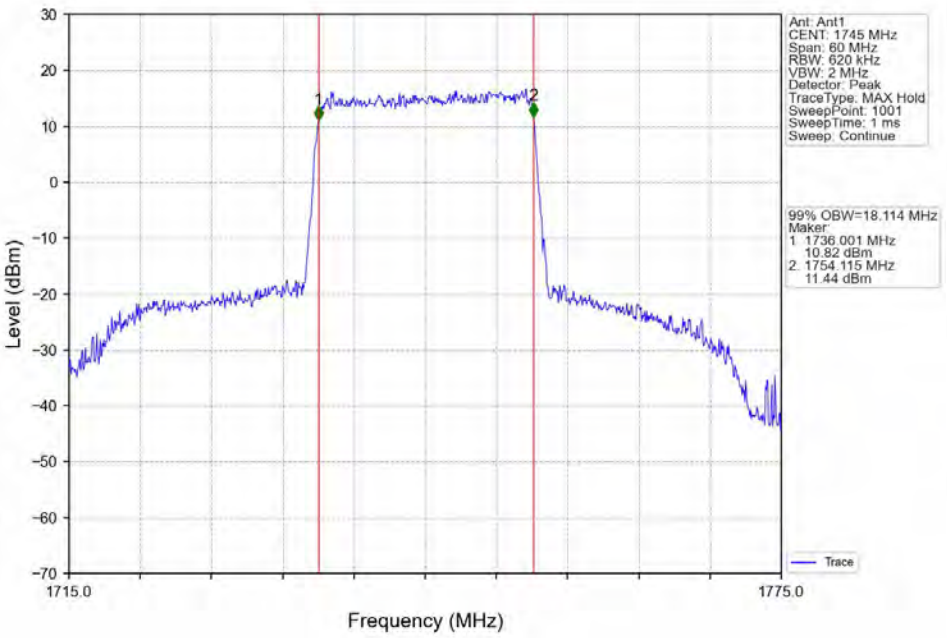
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



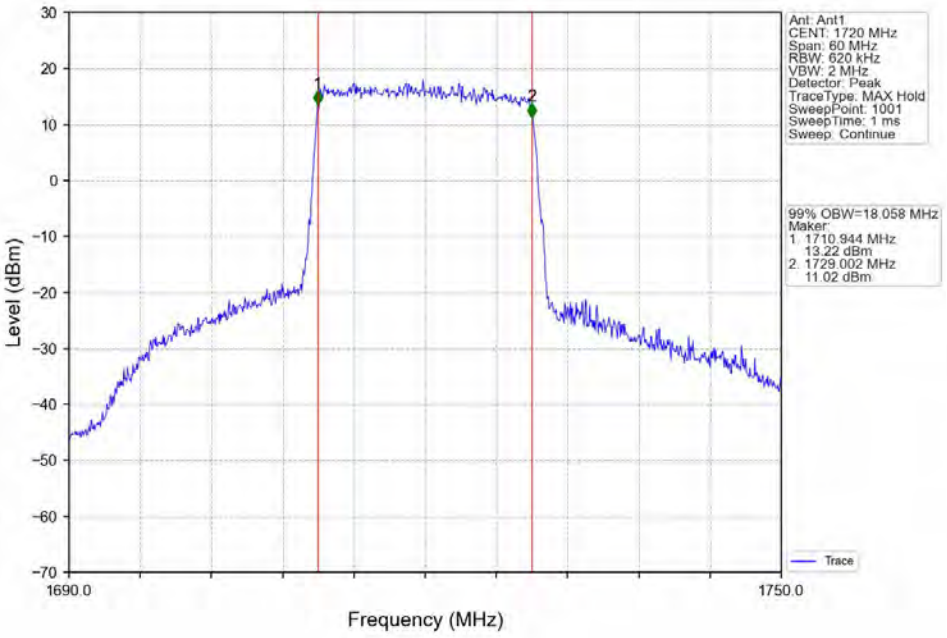
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



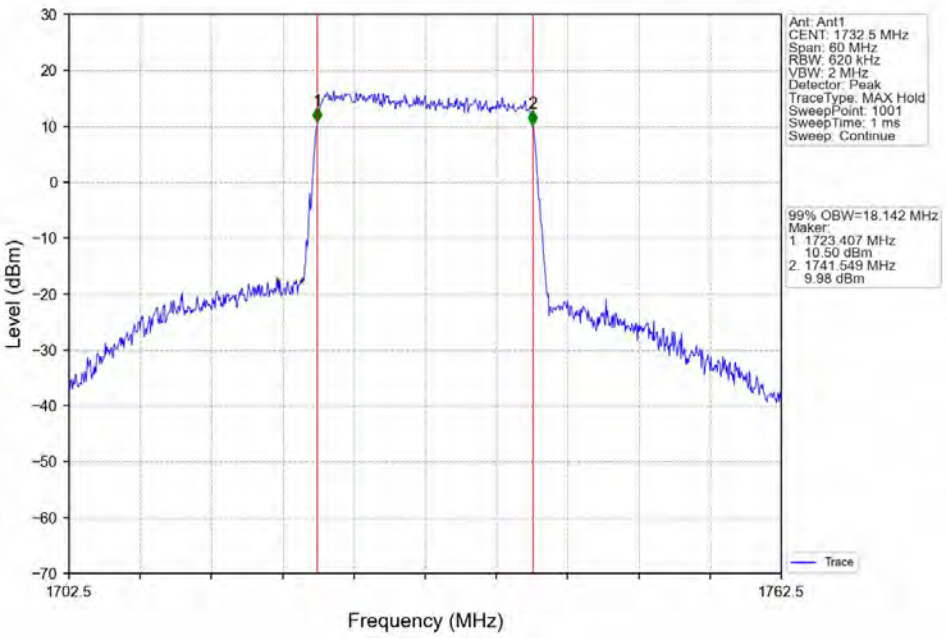
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



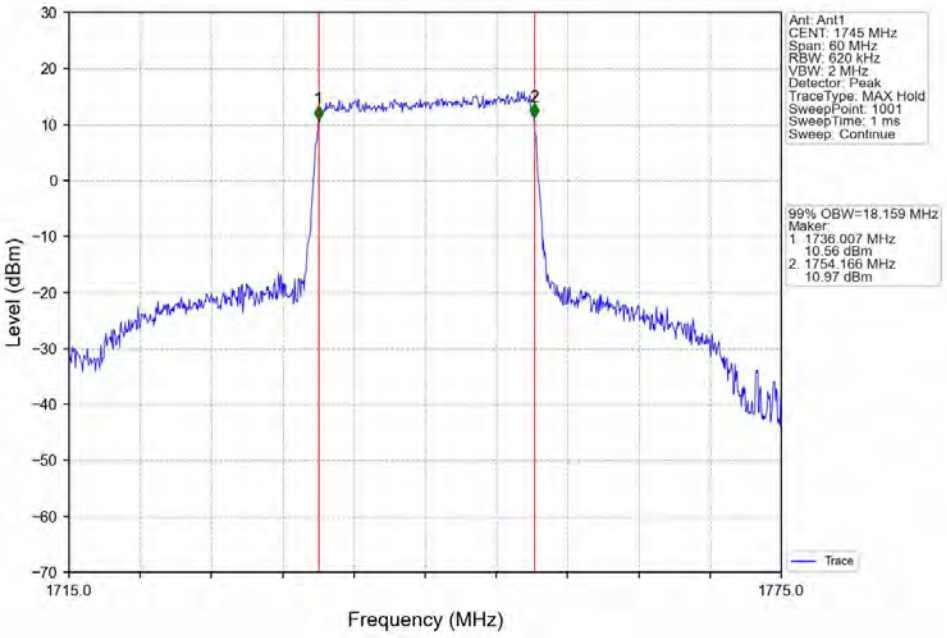
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



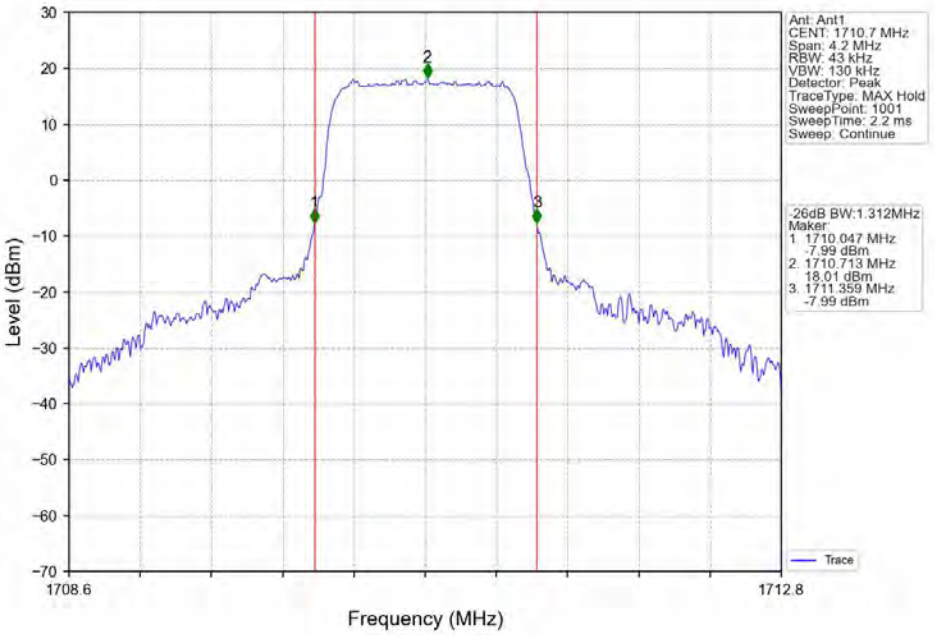
4.2 Band4_XDB

4.2.1 Test Result

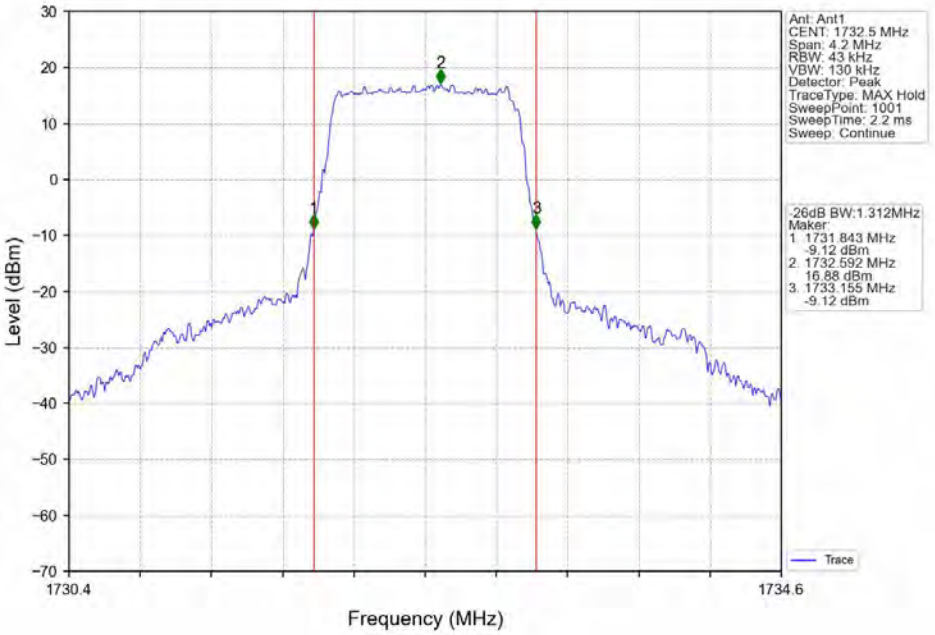
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.312	/	Pass
		1732.5	6	0	1.312	/	Pass
		1754.3	6	0	1.344	/	Pass
	16QAM	1710.7	6	0	1.333	/	Pass
		1732.5	6	0	1.314	/	Pass
		1754.3	6	0	1.307	/	Pass
3	QPSK	1711.5	15	0	2.997	/	Pass
		1732.5	15	0	2.990	/	Pass
		1753.5	15	0	3.005	/	Pass
	16QAM	1711.5	15	0	3.329	/	Pass
		1732.5	15	0	2.990	/	Pass
		1753.5	15	0	3.003	/	Pass
5	QPSK	1712.5	25	0	5.039	/	Pass
		1732.5	25	0	5.008	/	Pass
		1752.5	25	0	5.017	/	Pass
	16QAM	1712.5	25	0	5.059	/	Pass
		1732.5	25	0	4.997	/	Pass
		1752.5	25	0	5.026	/	Pass
10	QPSK	1715	50	0	9.923	/	Pass
		1732.5	50	0	9.904	/	Pass
		1750	50	0	9.881	/	Pass
	16QAM	1715	50	0	9.902	/	Pass
		1732.5	50	0	9.900	/	Pass
		1750	50	0	9.947	/	Pass
15	QPSK	1717.5	75	0	14.983	/	Pass
		1732.5	75	0	14.885	/	Pass
		1747.5	75	0	14.855	/	Pass
	16QAM	1717.5	75	0	14.825	/	Pass
		1732.5	75	0	14.916	/	Pass
		1747.5	75	0	14.883	/	Pass
20	QPSK	1720	100	0	19.633	/	Pass
		1732.5	100	0	19.691	/	Pass
		1745	100	0	19.689	/	Pass
	16QAM	1720	100	0	19.764	/	Pass
		1732.5	100	0	19.750	/	Pass
		1745	100	0	19.619	/	Pass

4.2.2 Test Graph

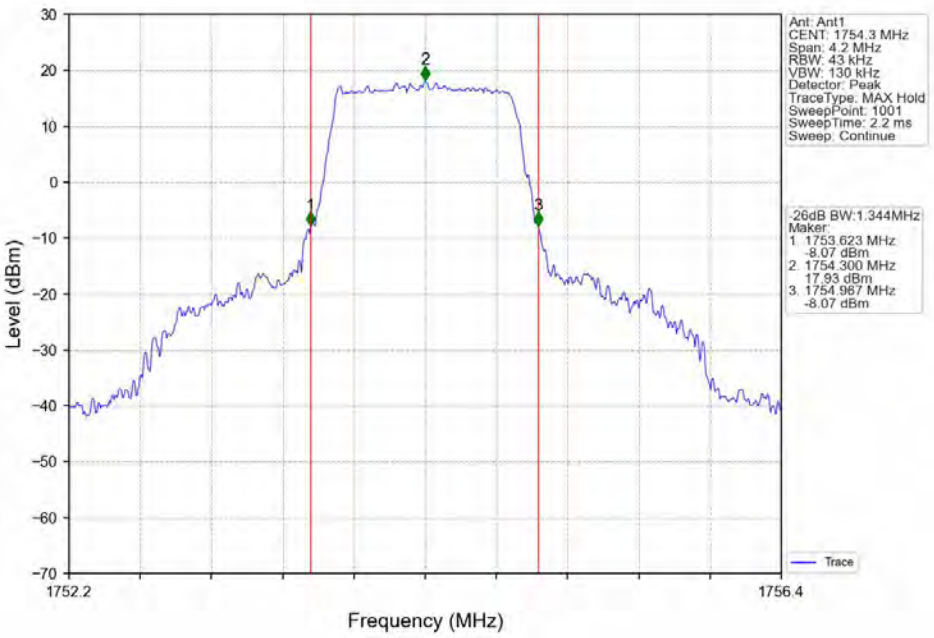
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



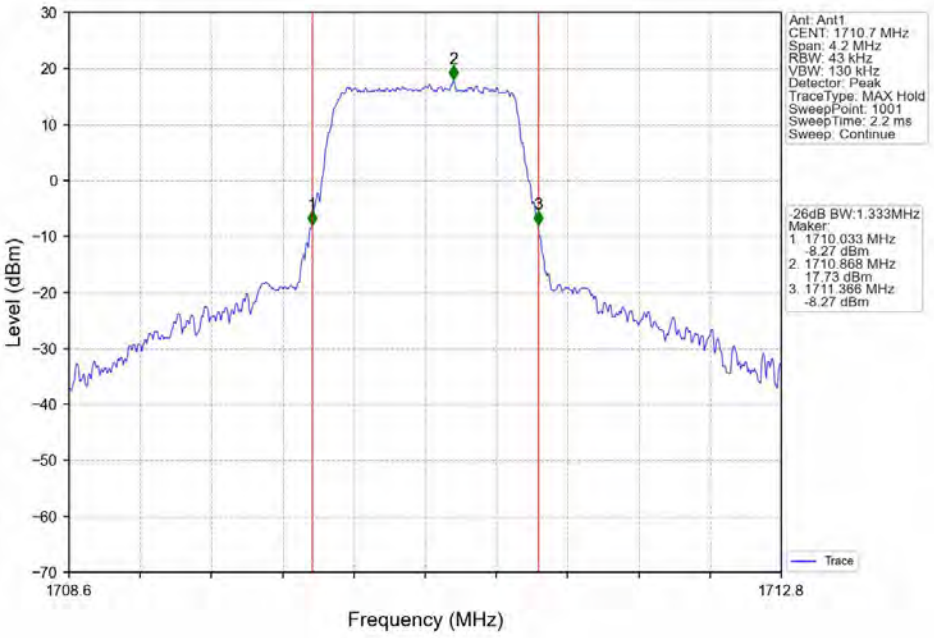
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



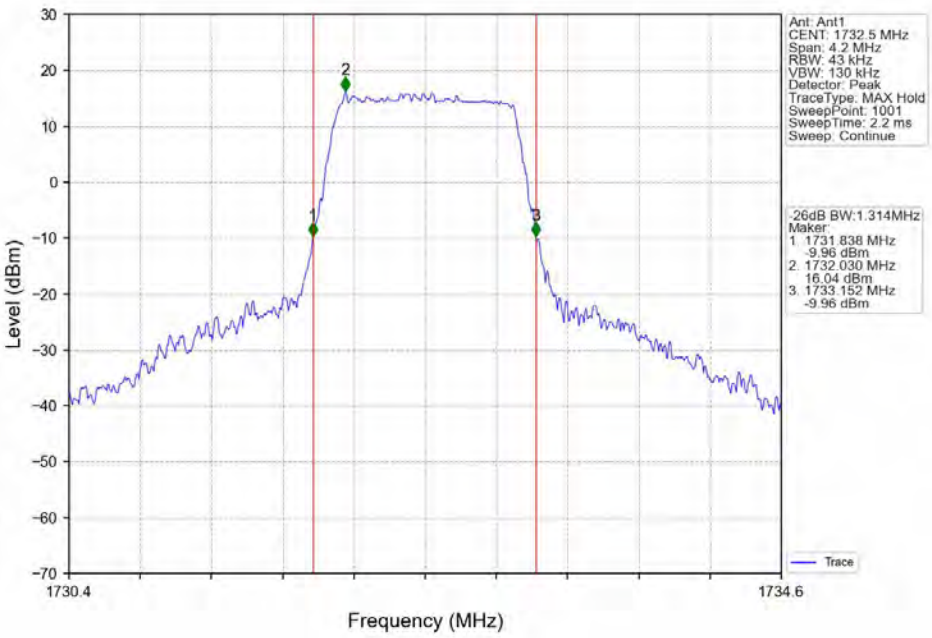
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



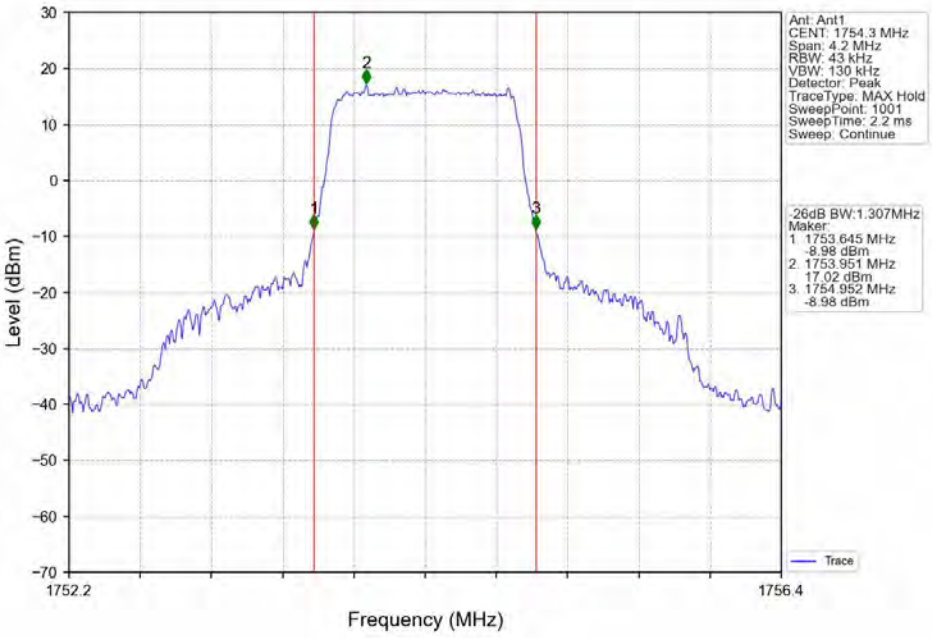
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



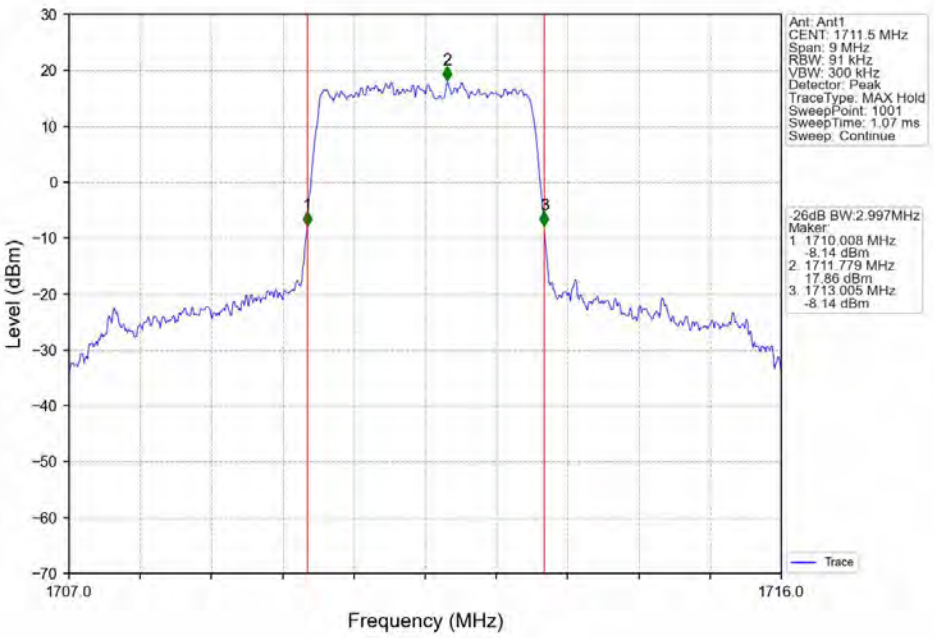
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



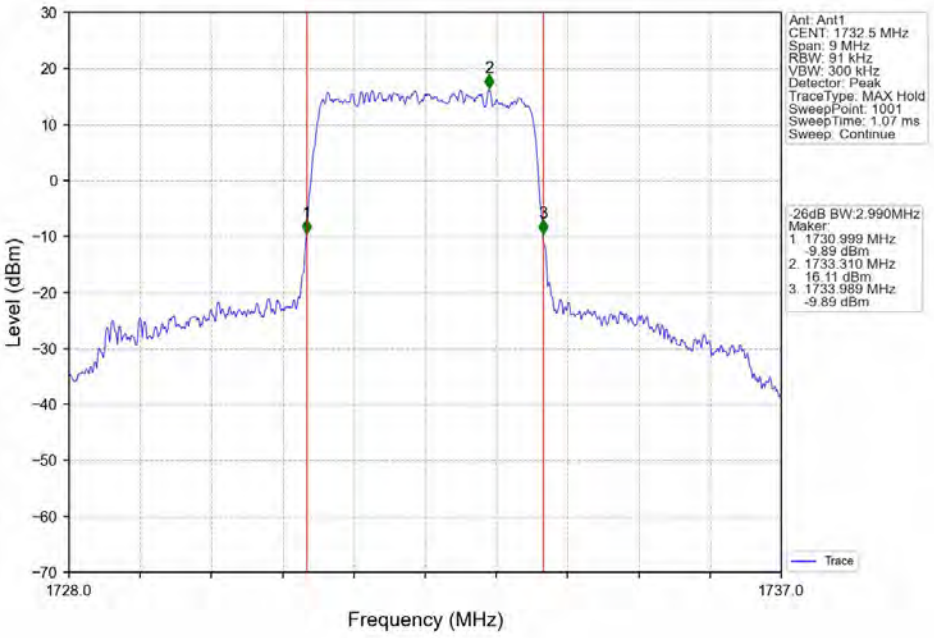
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



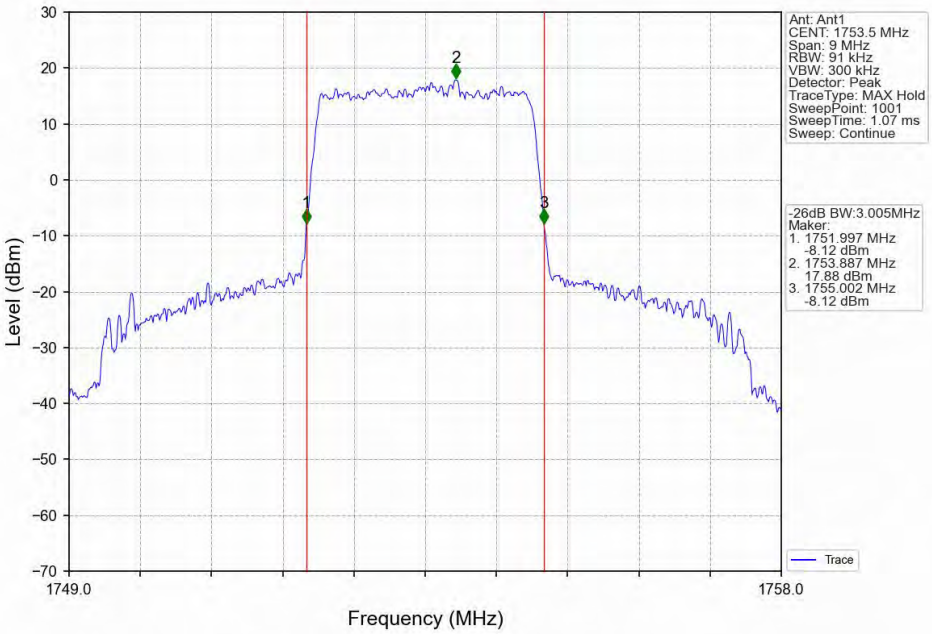
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



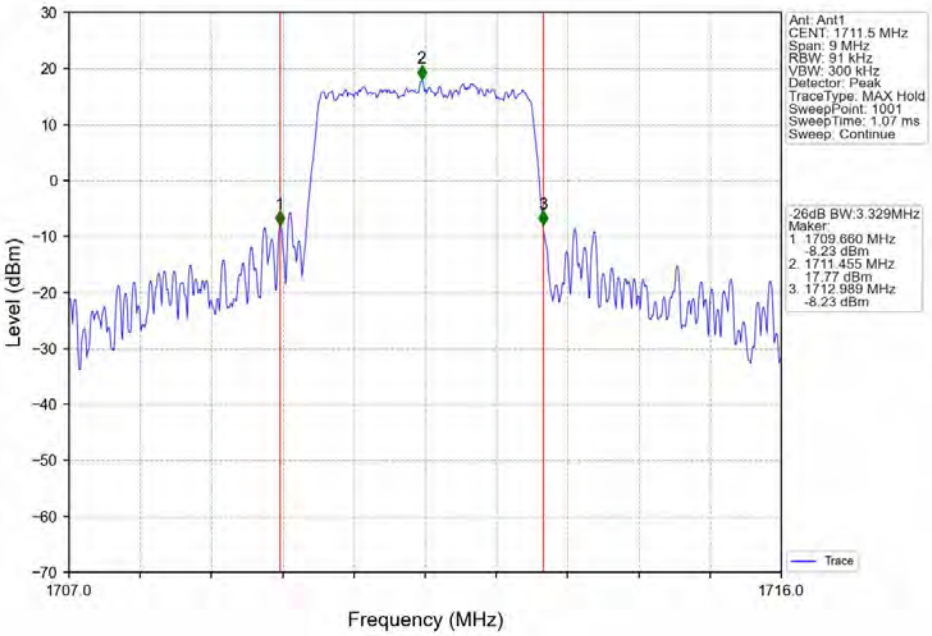
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



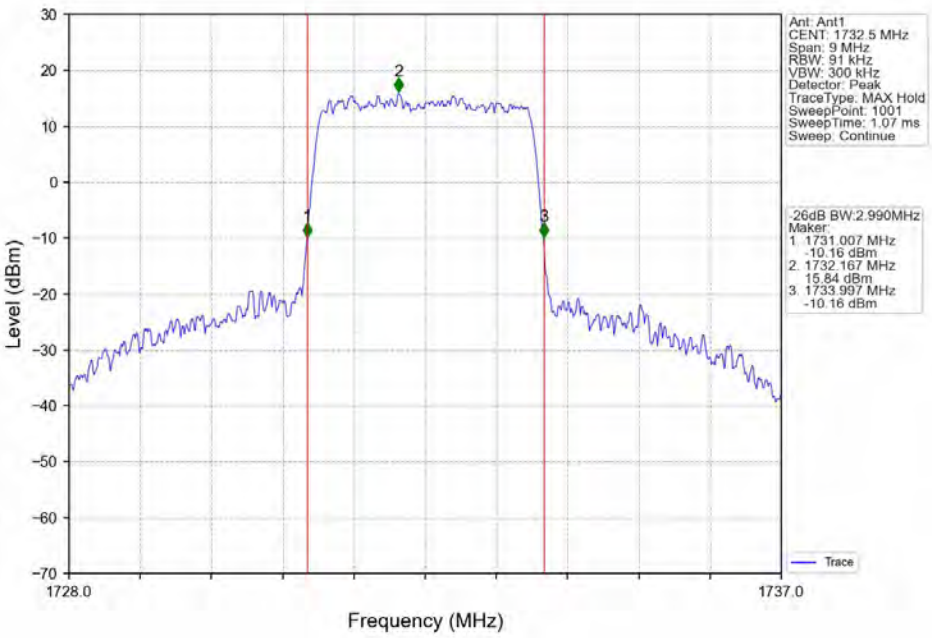
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



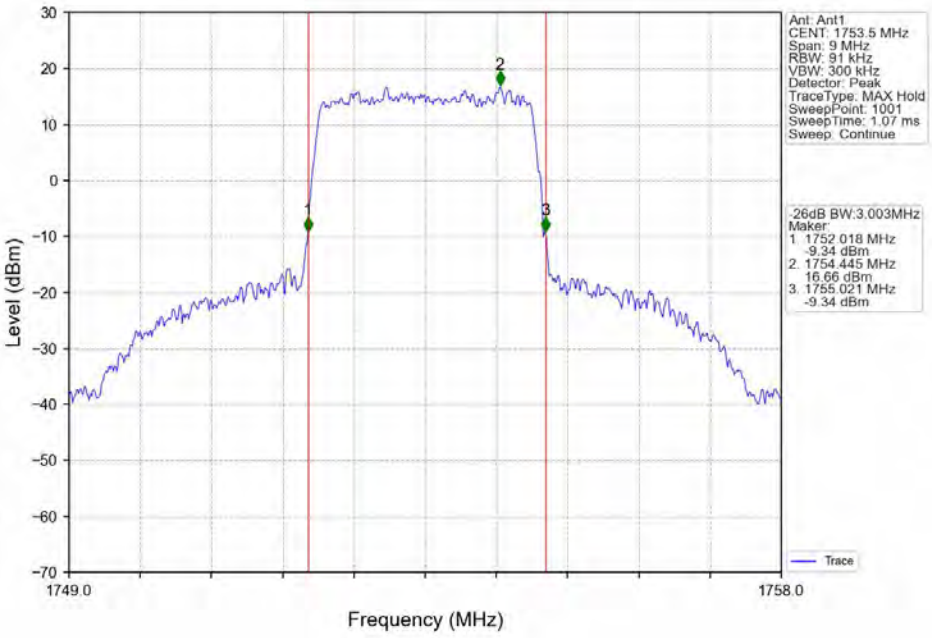
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



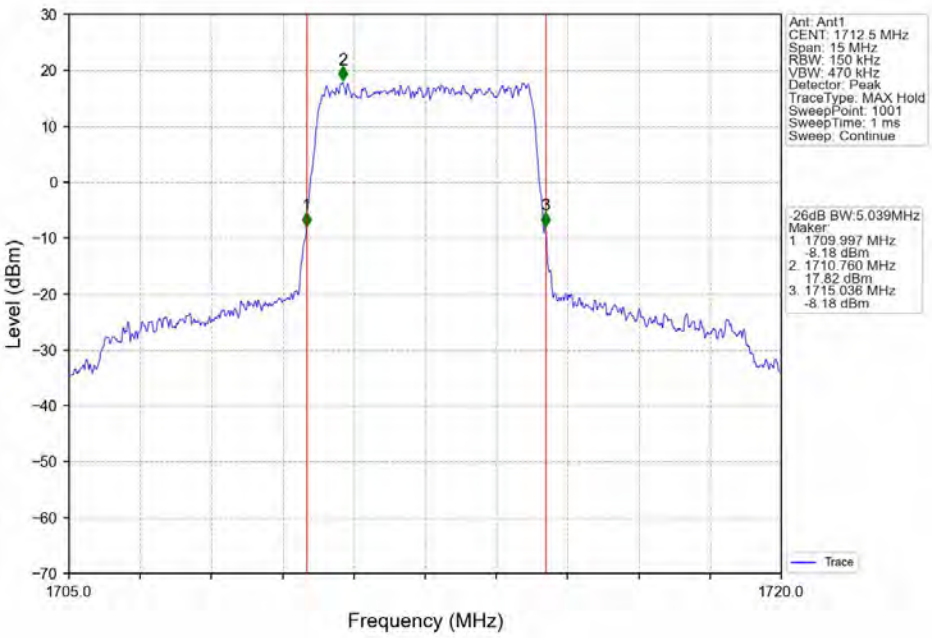
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



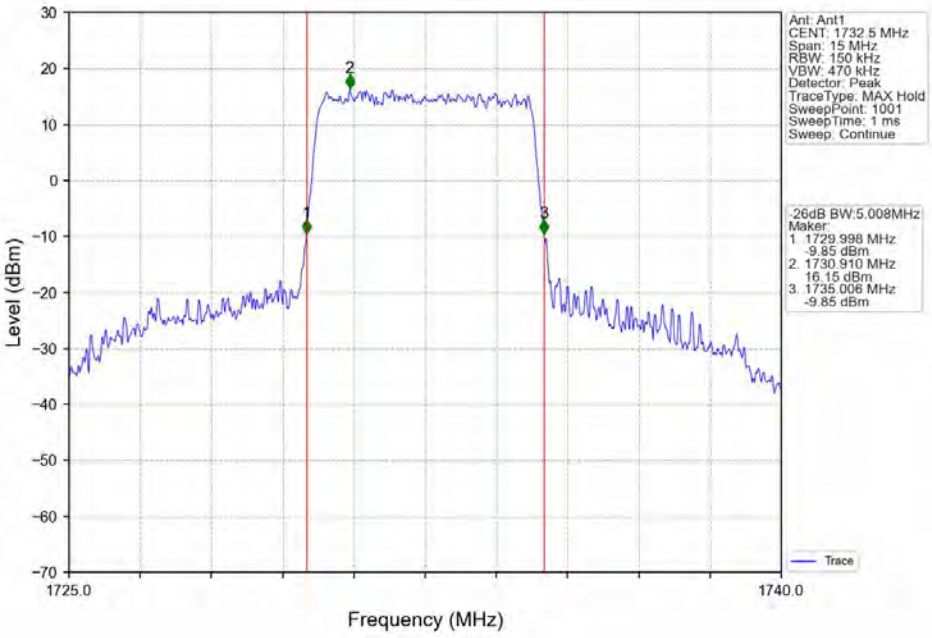
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



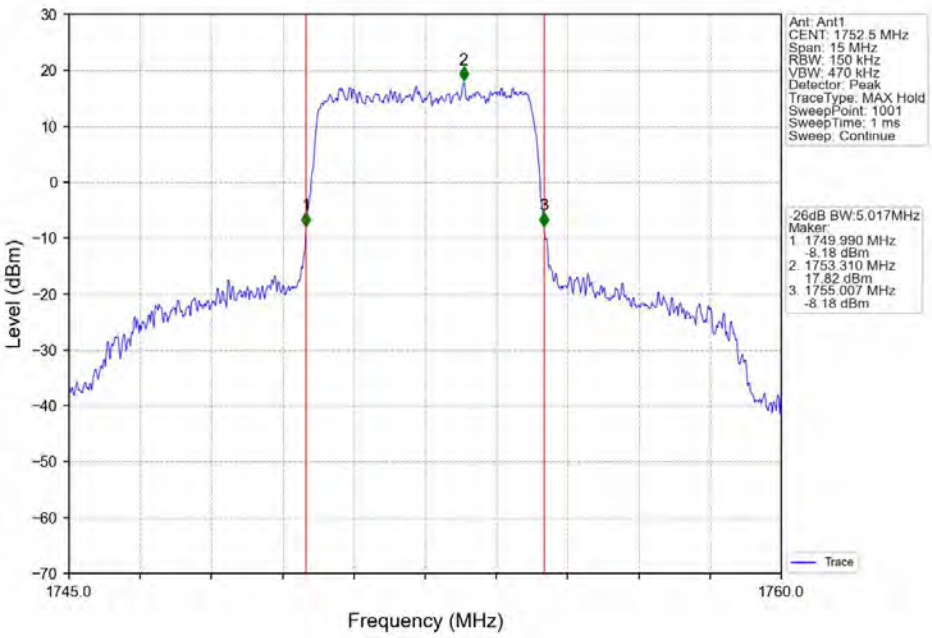
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



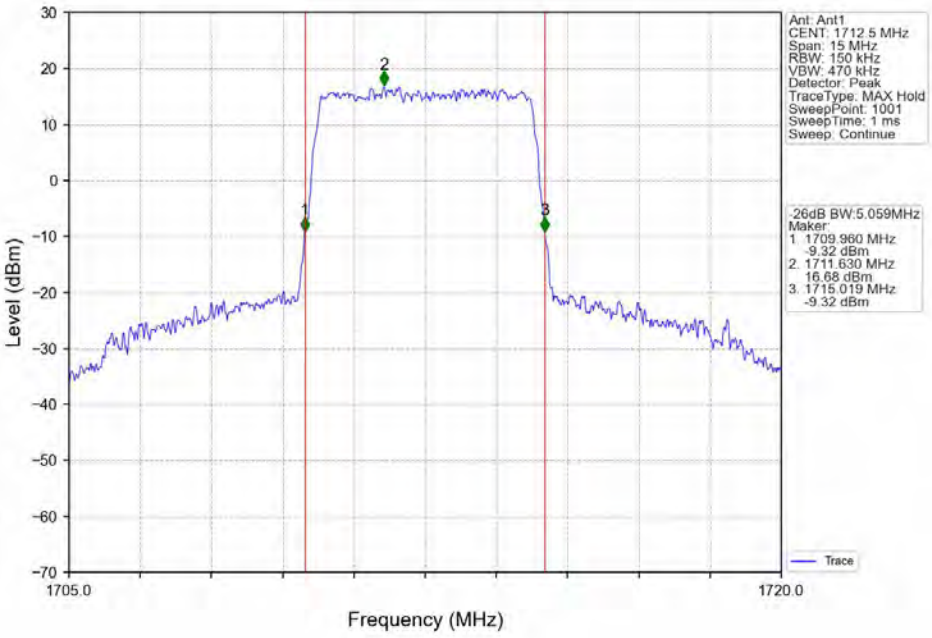
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



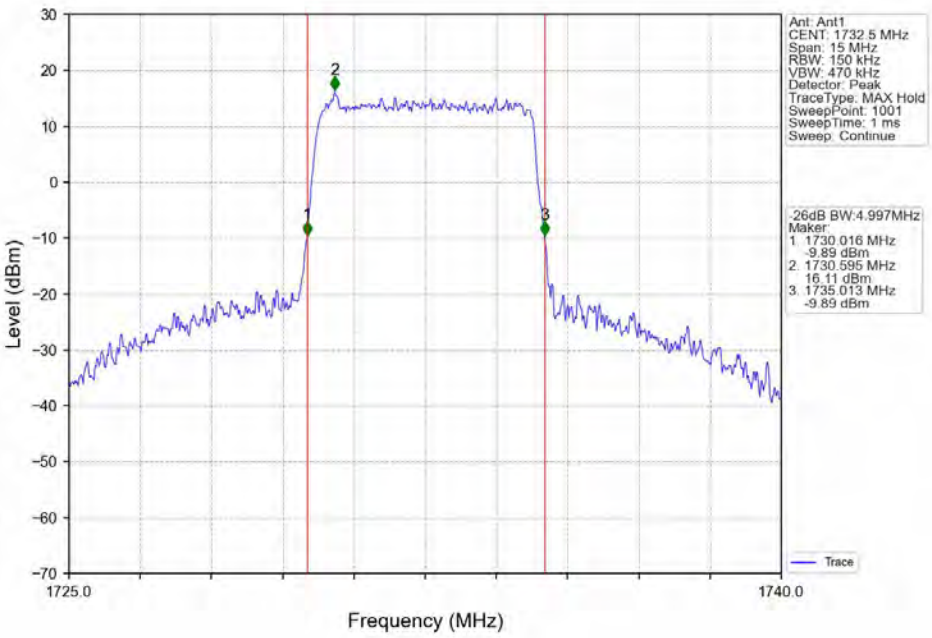
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



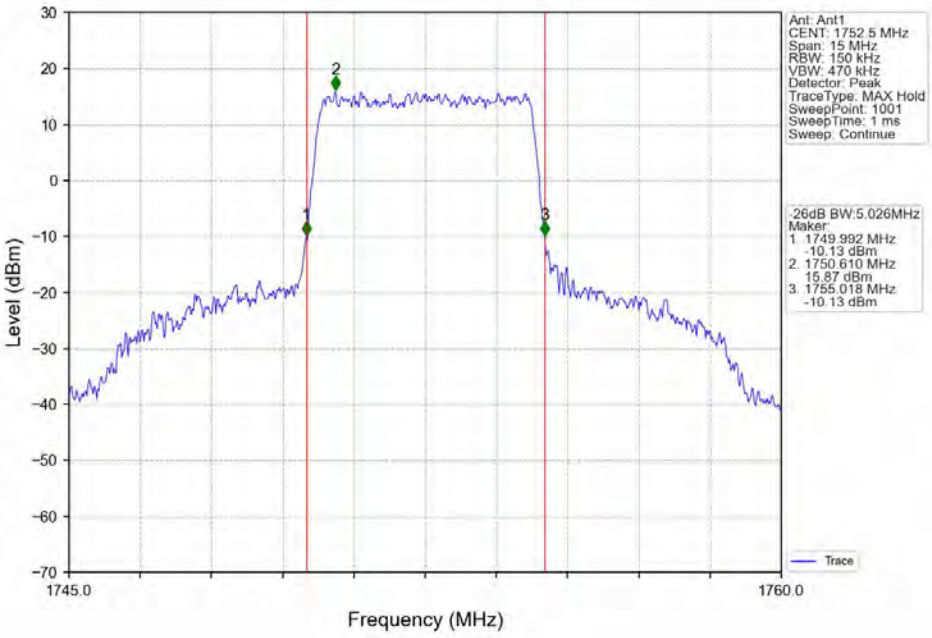
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



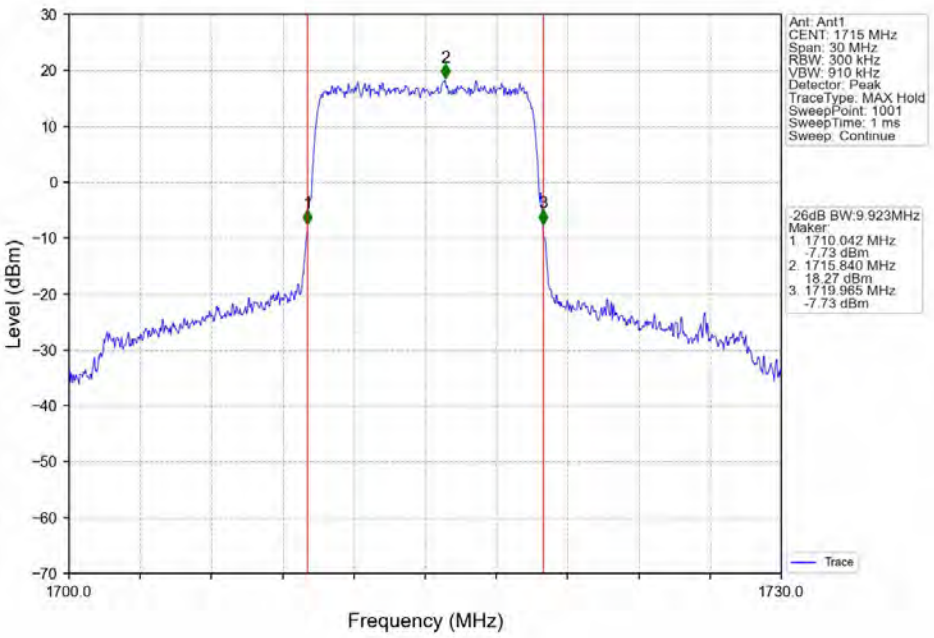
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



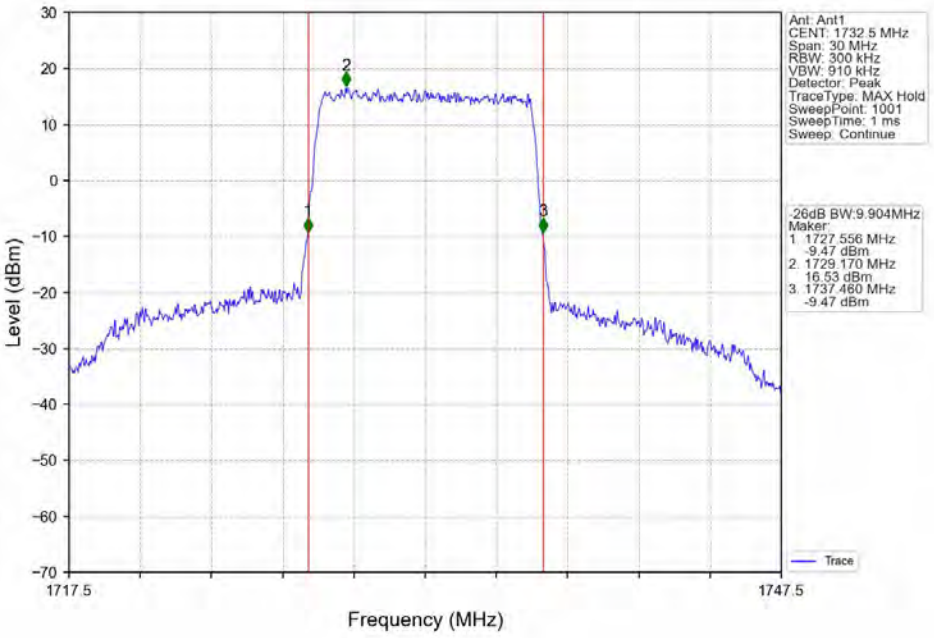
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



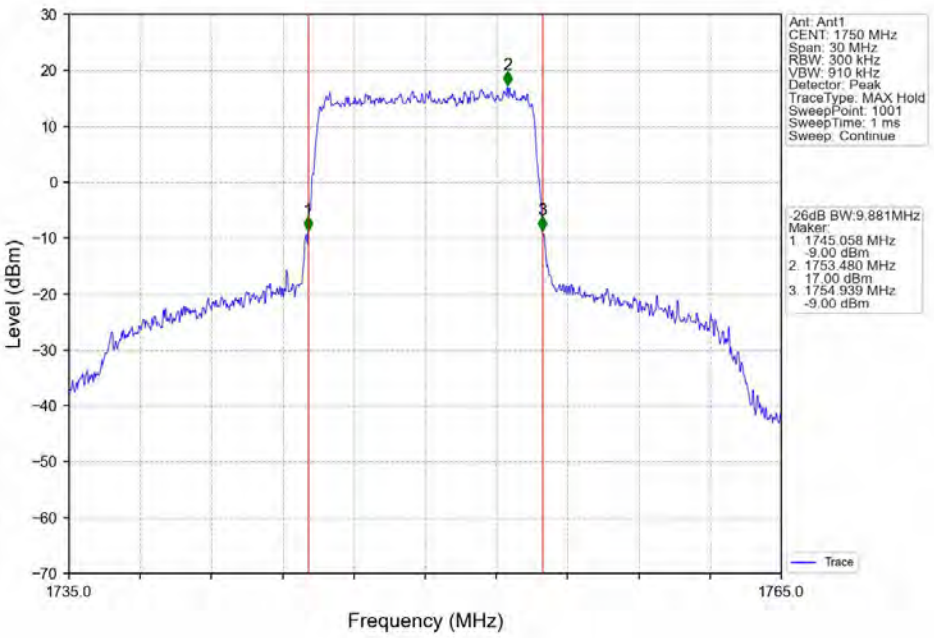
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



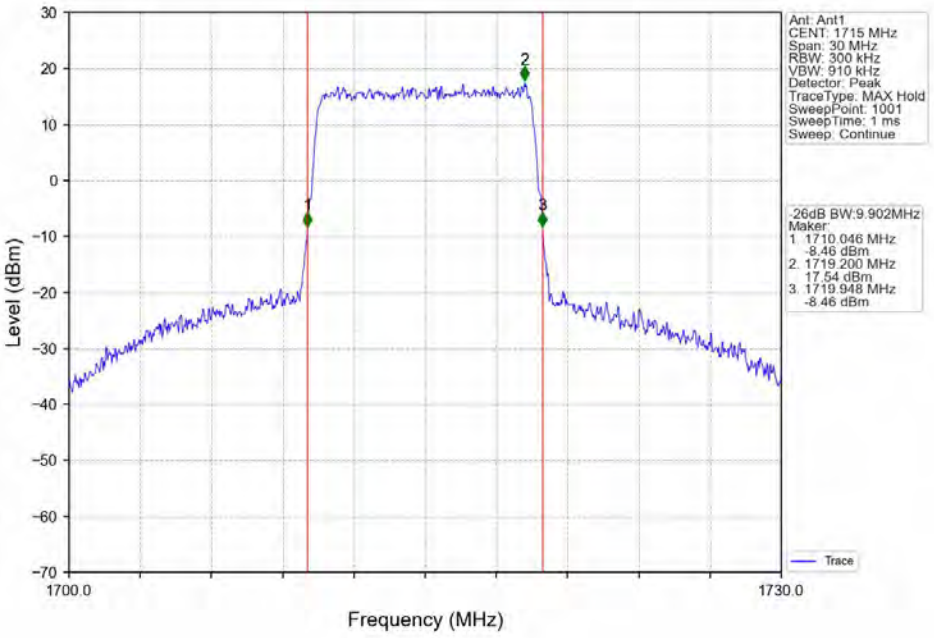
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



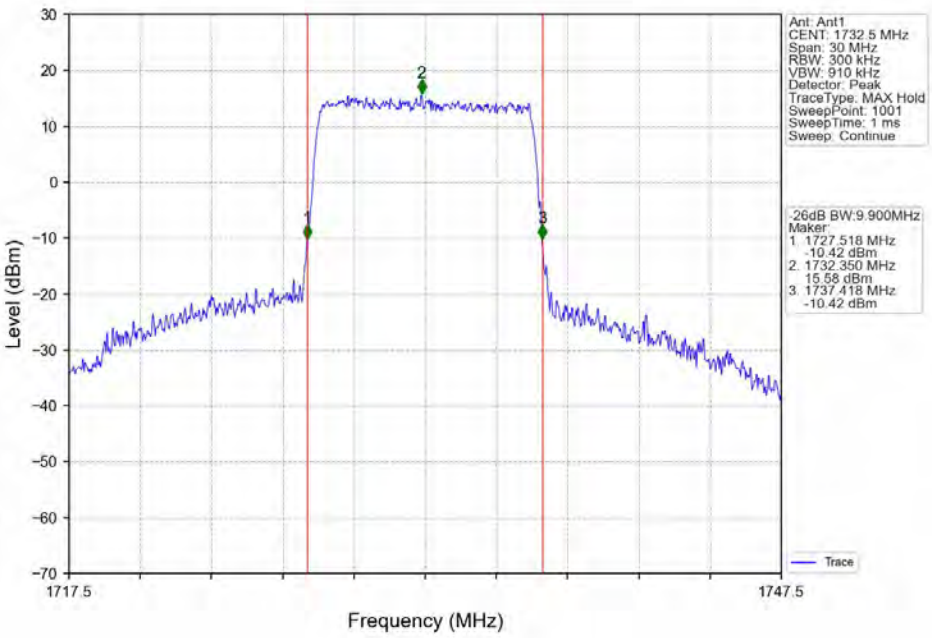
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



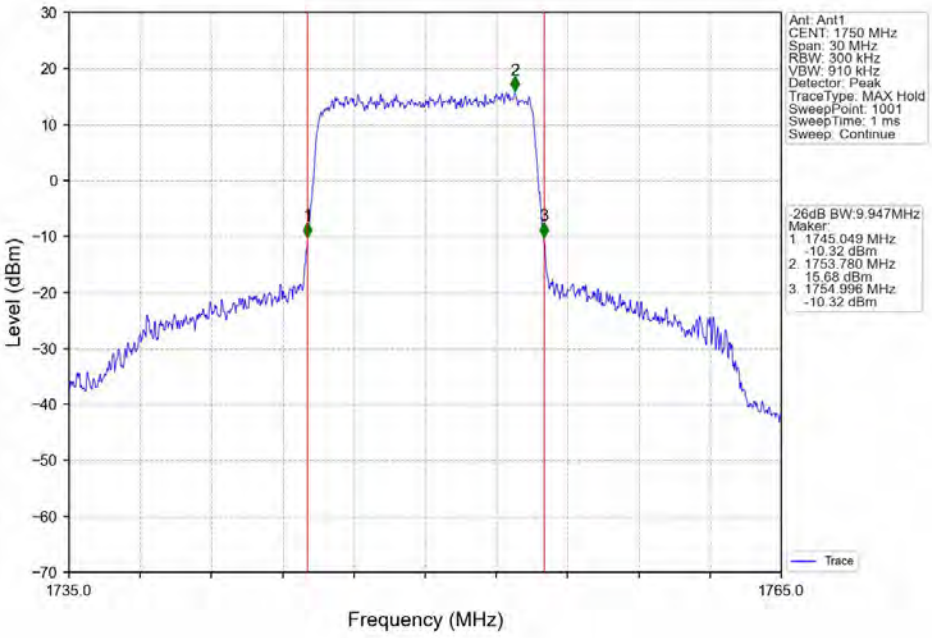
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



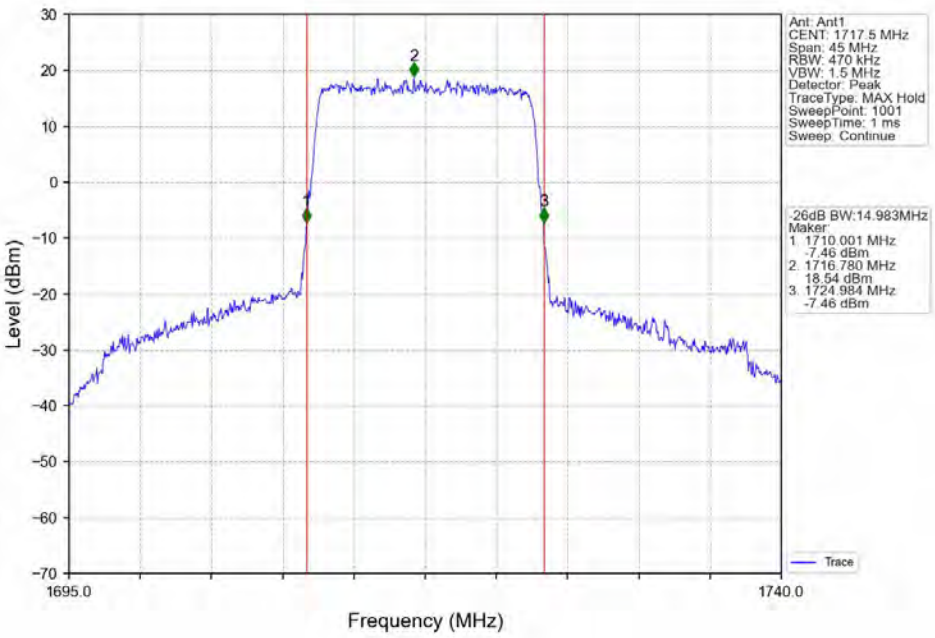
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



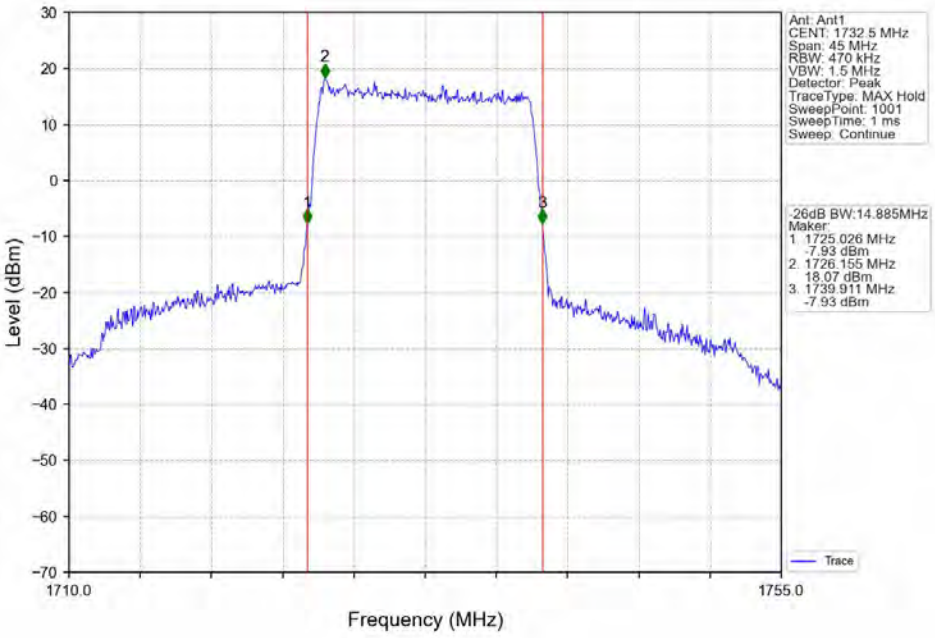
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



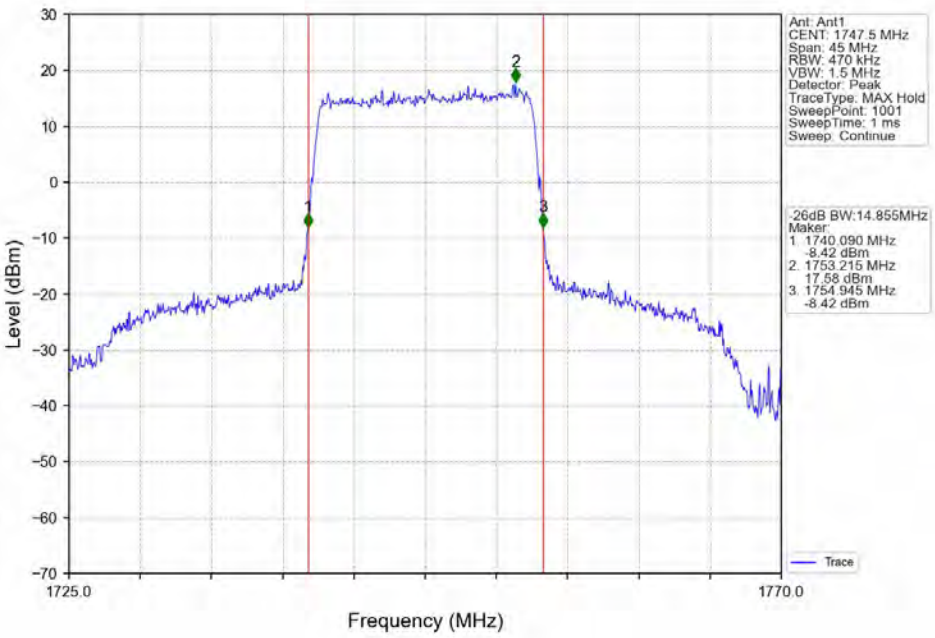
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



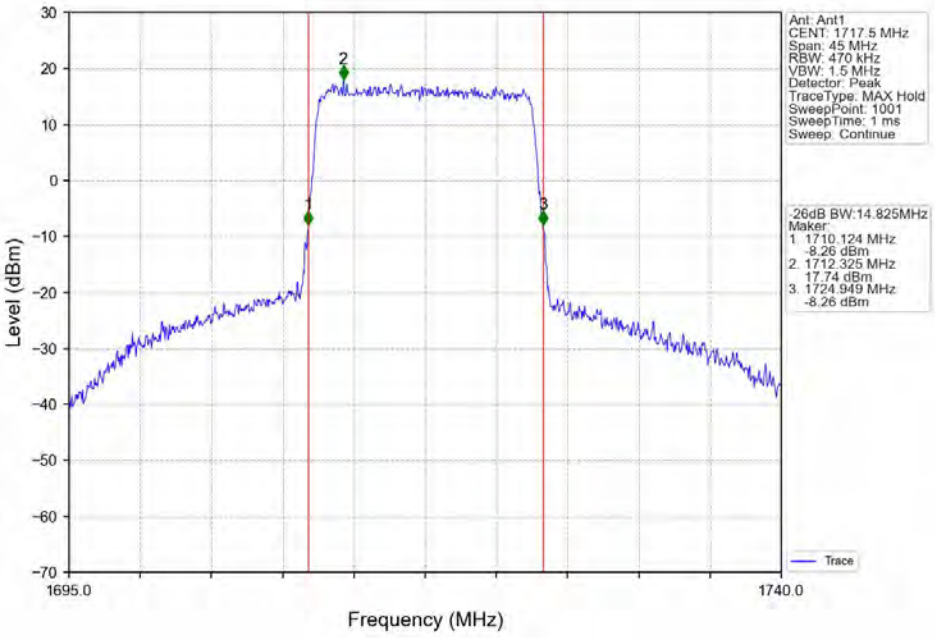
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



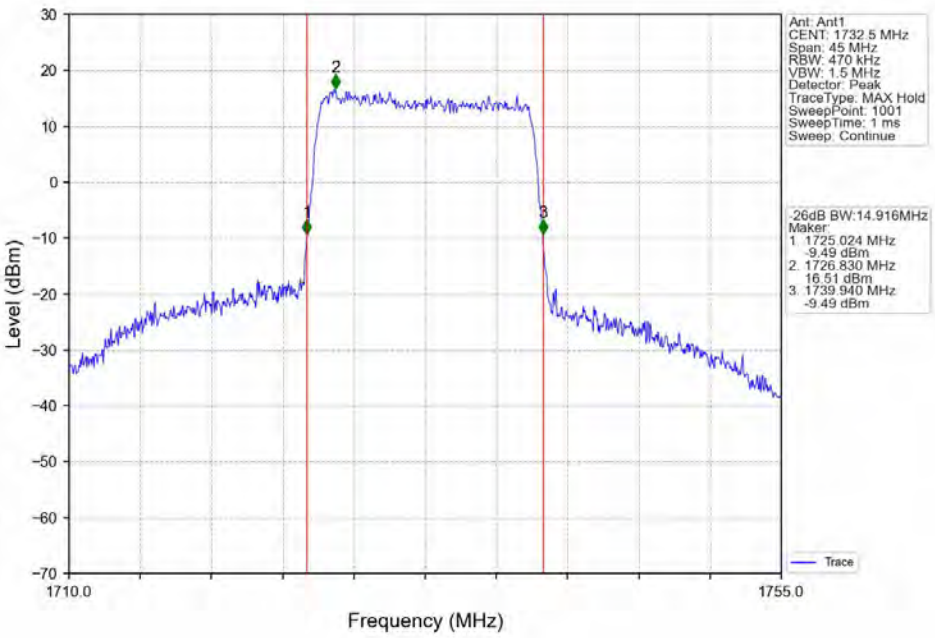
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



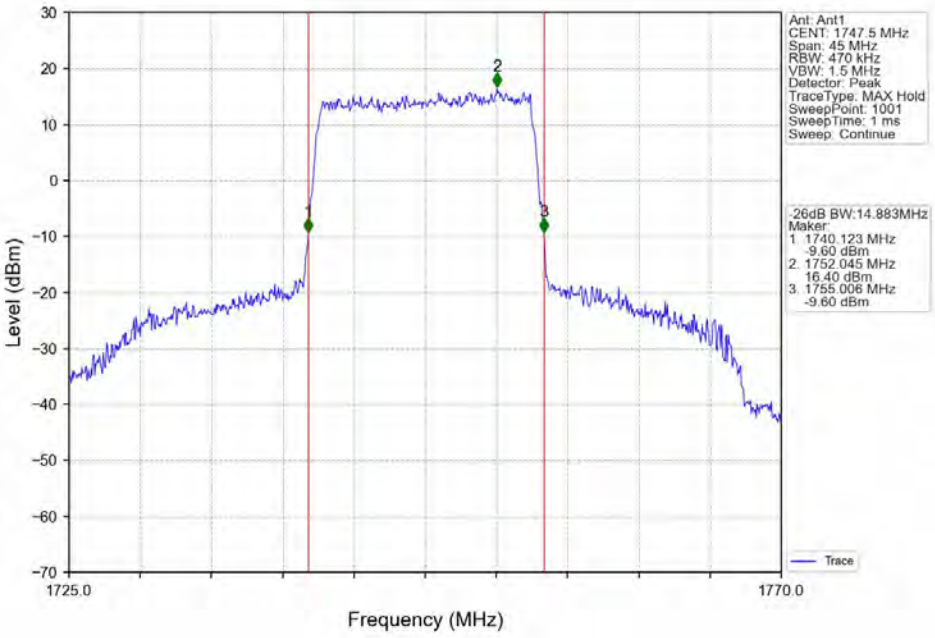
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



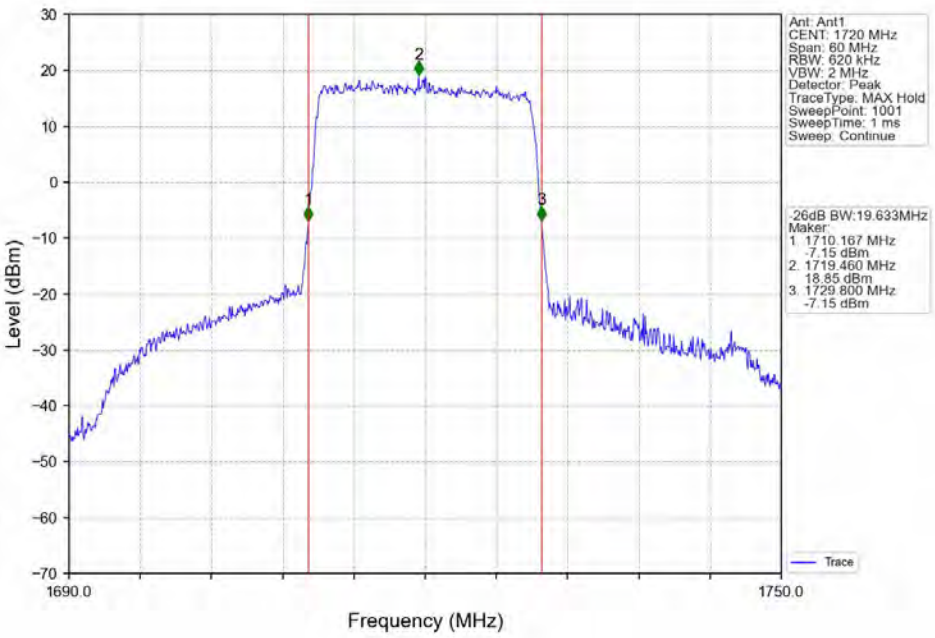
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



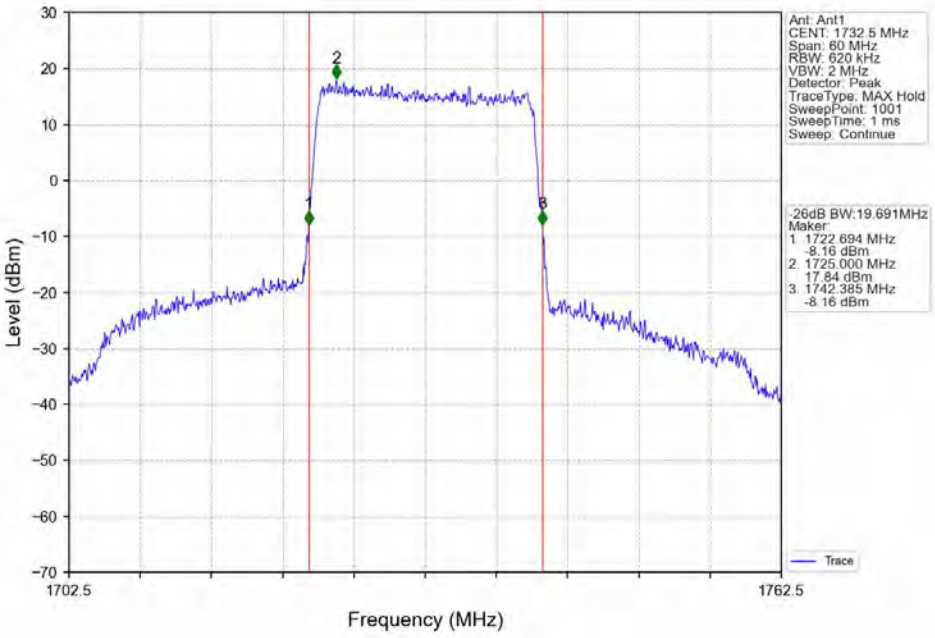
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



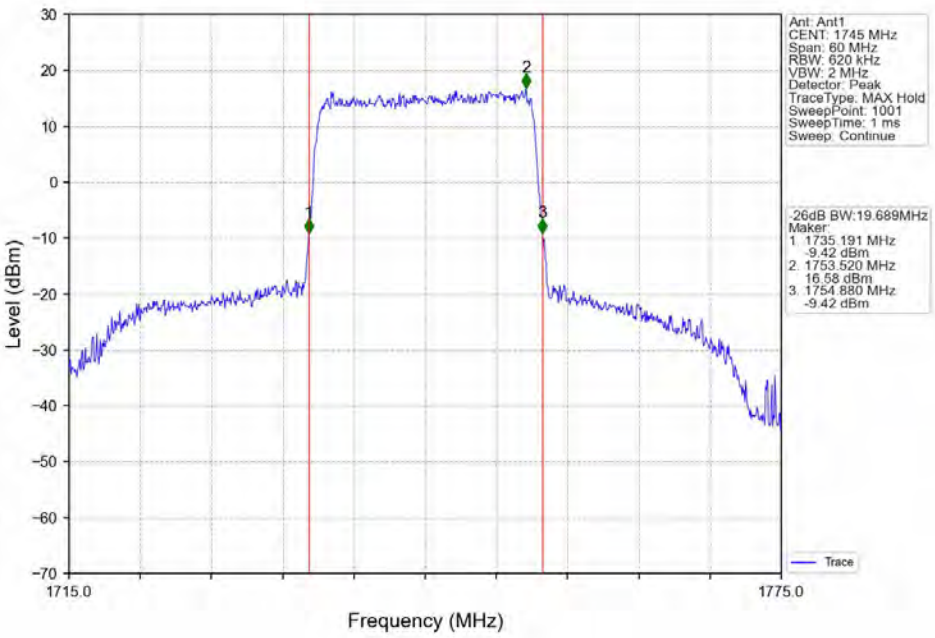
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



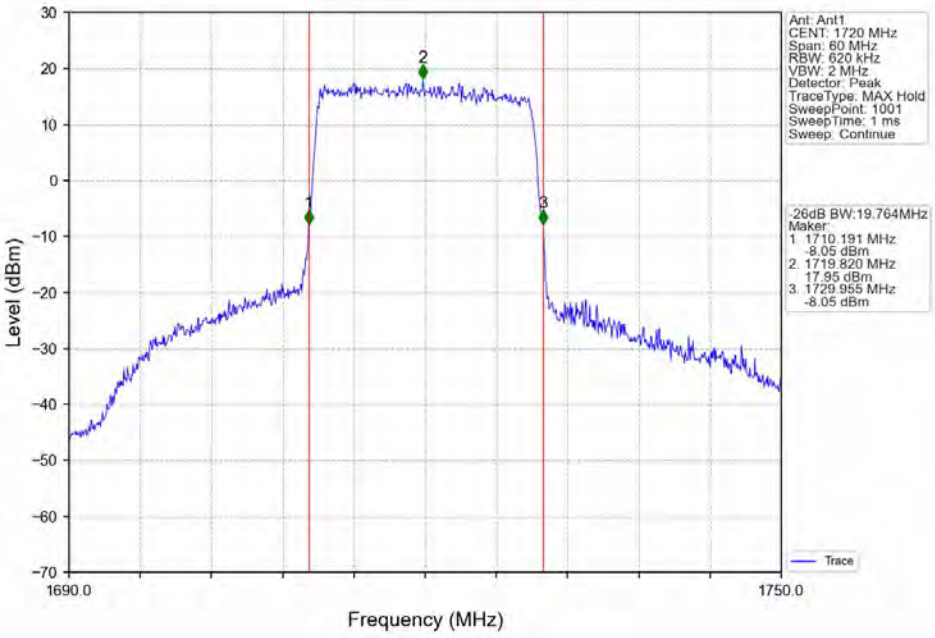
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



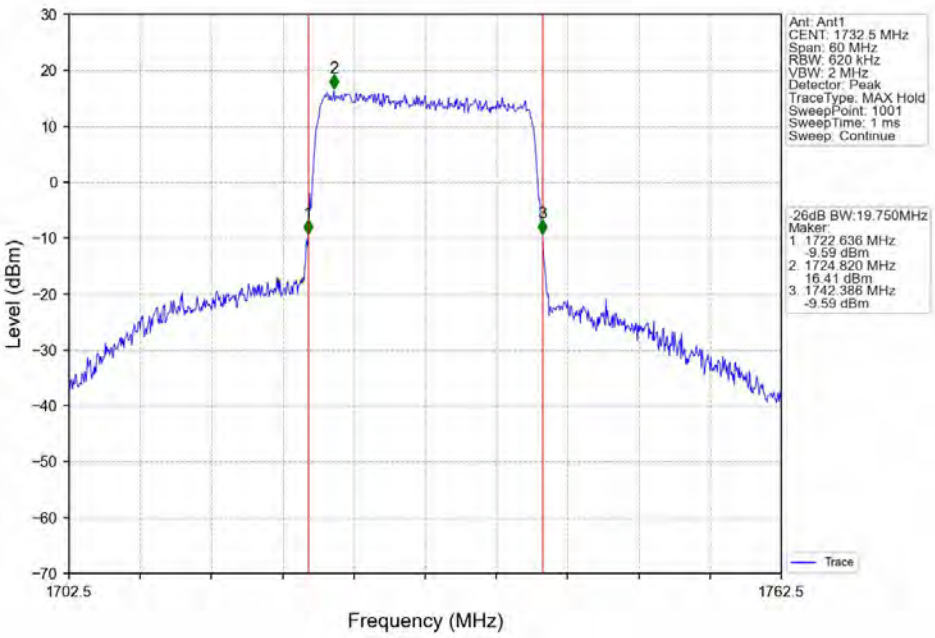
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



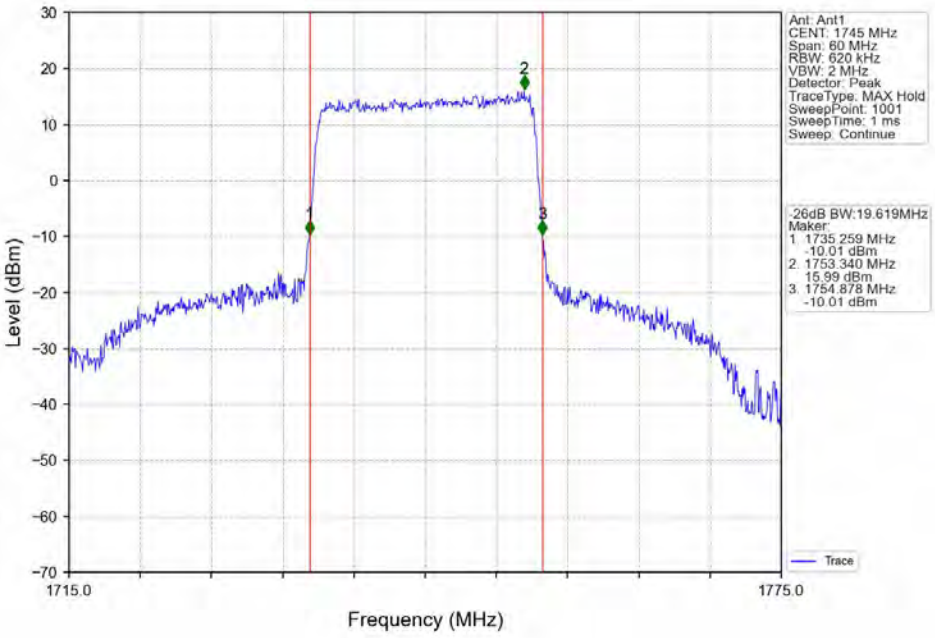
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

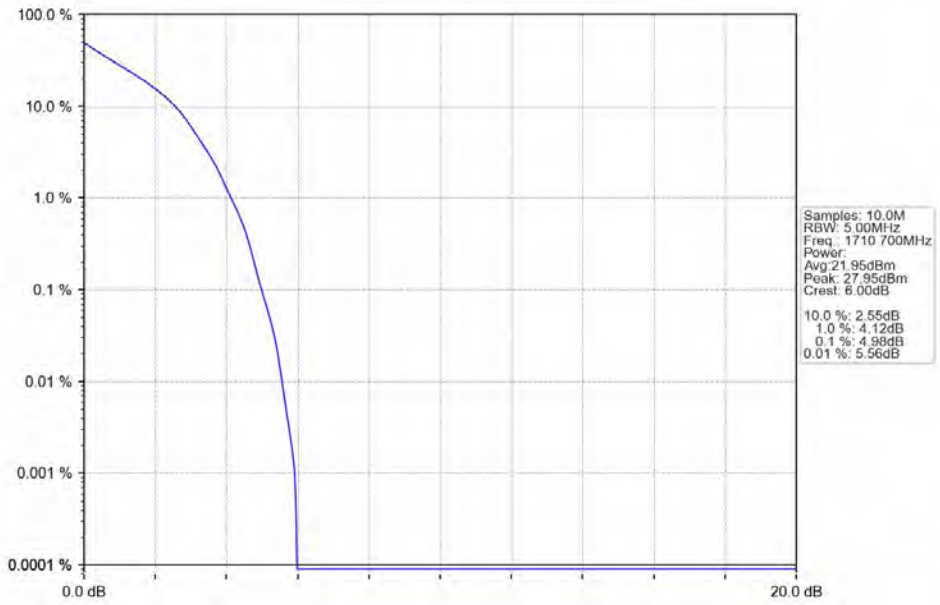
5.1 B4_1.4MHz

5.1.1 Test Result

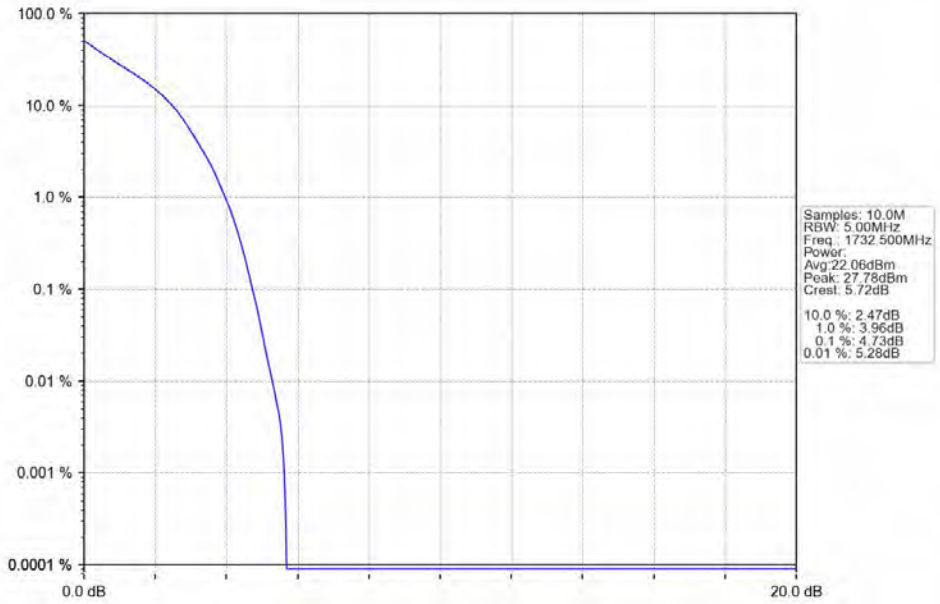
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.98	<=13	Pass
	1732.5	6	0	4.73	<=13	Pass
	1754.3	6	0	5.39	<=13	Pass
16QAM	1710.7	6	0	5.81	<=13	Pass
	1732.5	6	0	5.50	<=13	Pass
	1754.3	6	0	6.11	<=13	Pass

5.1.2 Test Graph

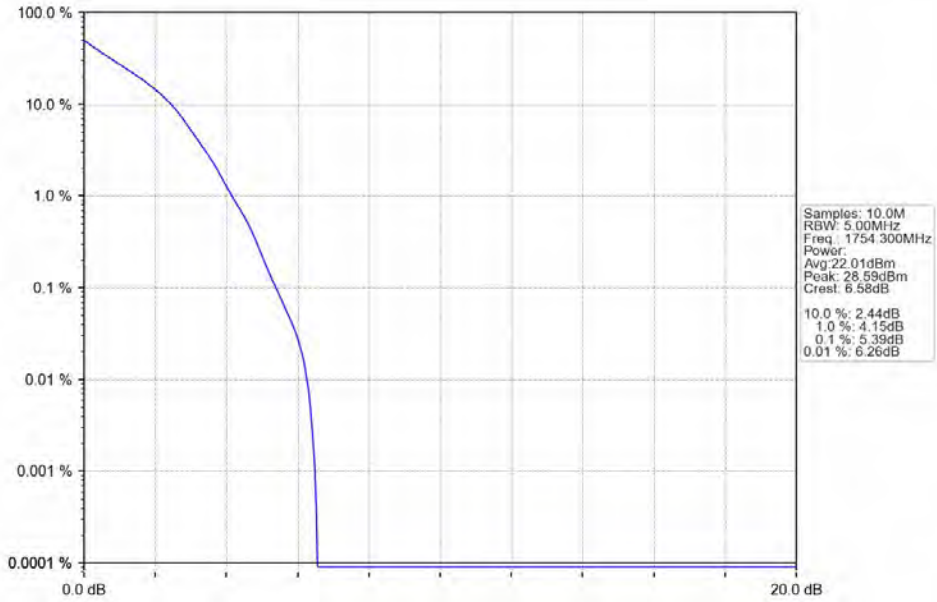
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



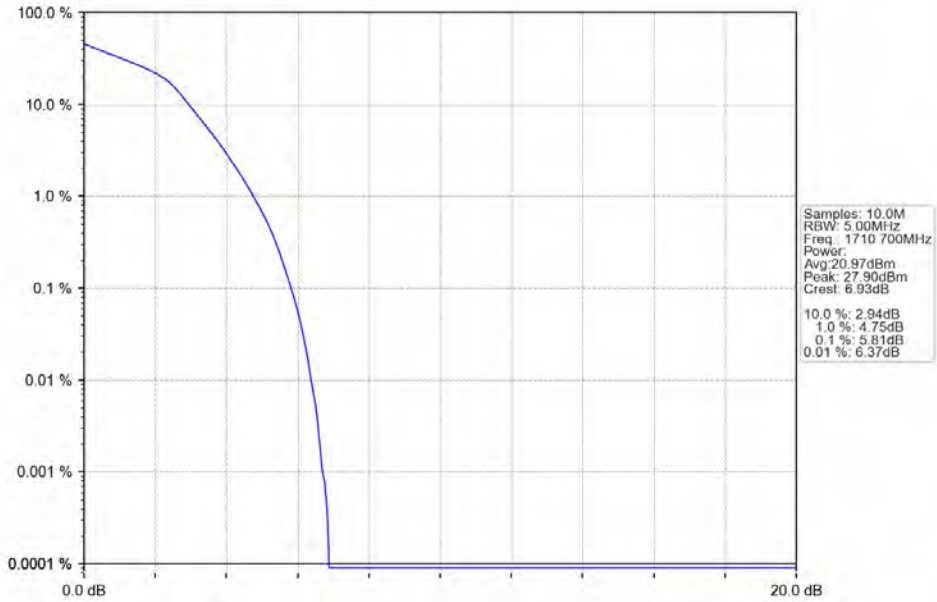
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



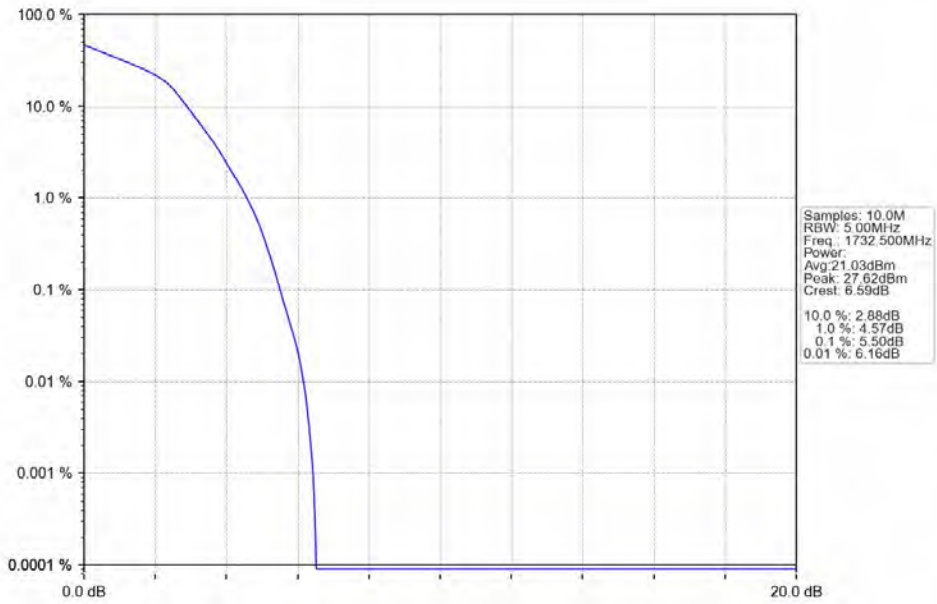
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

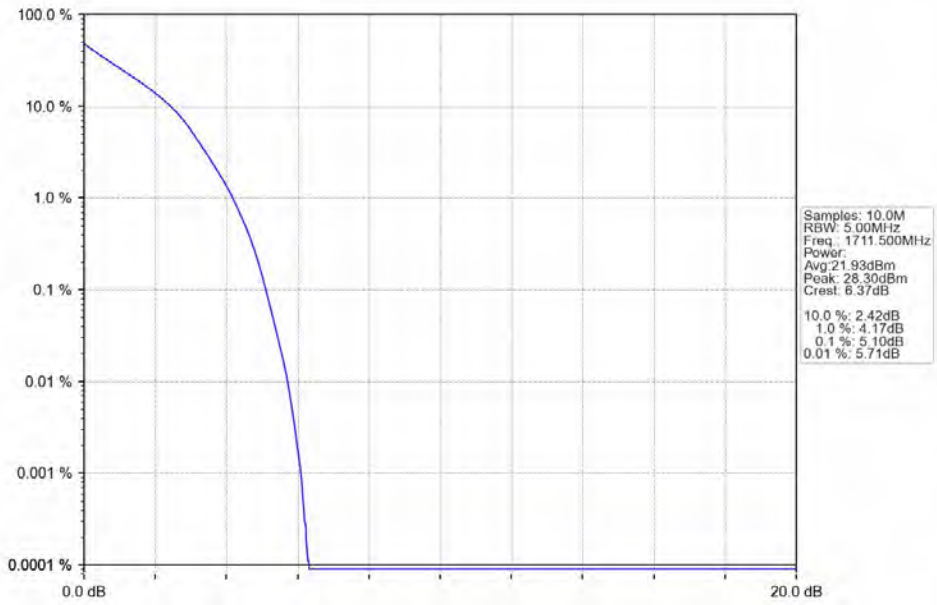
5.2 B4_3MHz

5.2.1 Test Result

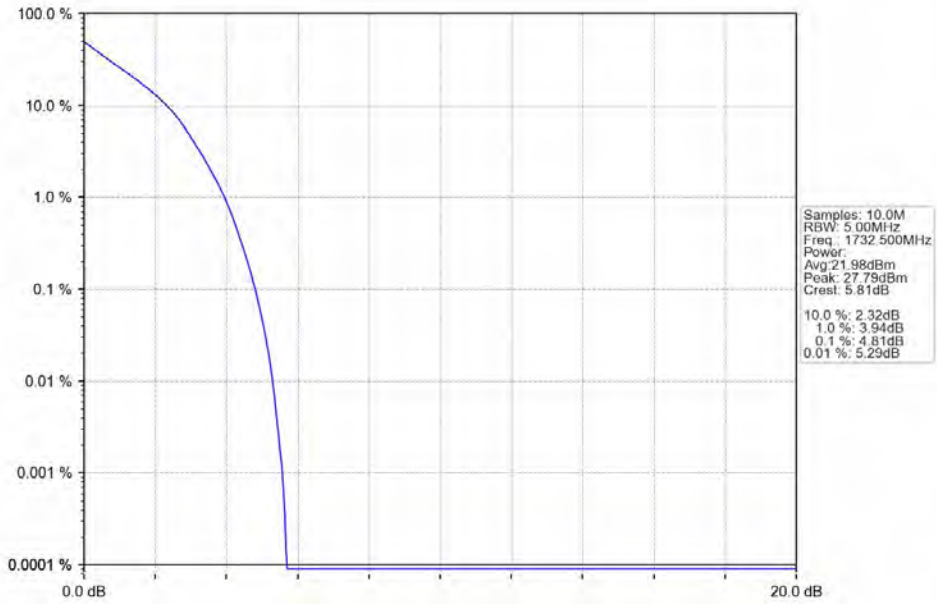
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.10	<=13	Pass
	1732.5	15	0	4.81	<=13	Pass
	1753.5	15	0	5.36	<=13	Pass
16QAM	1711.5	15	0	5.90	<=13	Pass
	1732.5	15	0	5.65	<=13	Pass
	1753.5	15	0	6.06	<=13	Pass

5.2.2 Test Graph

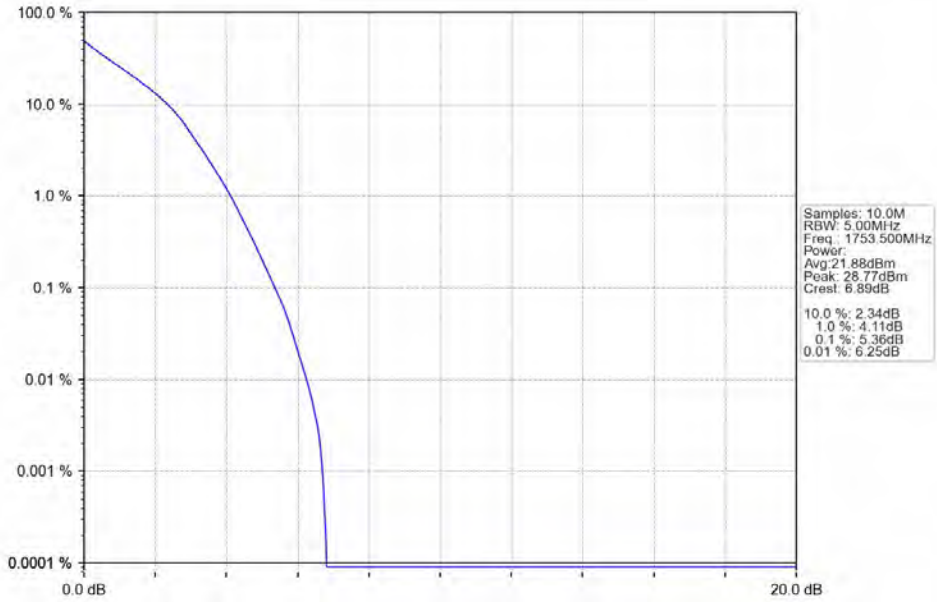
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



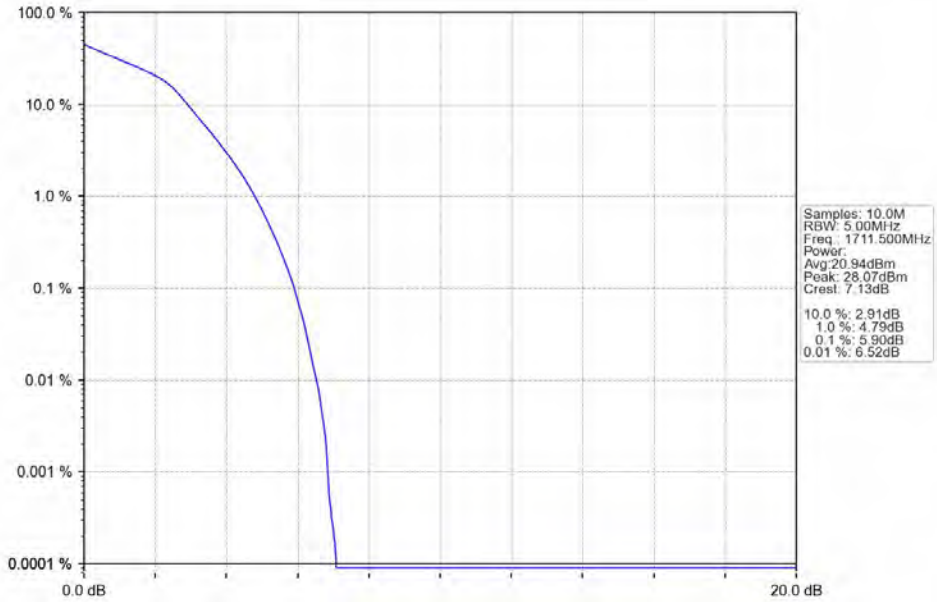
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



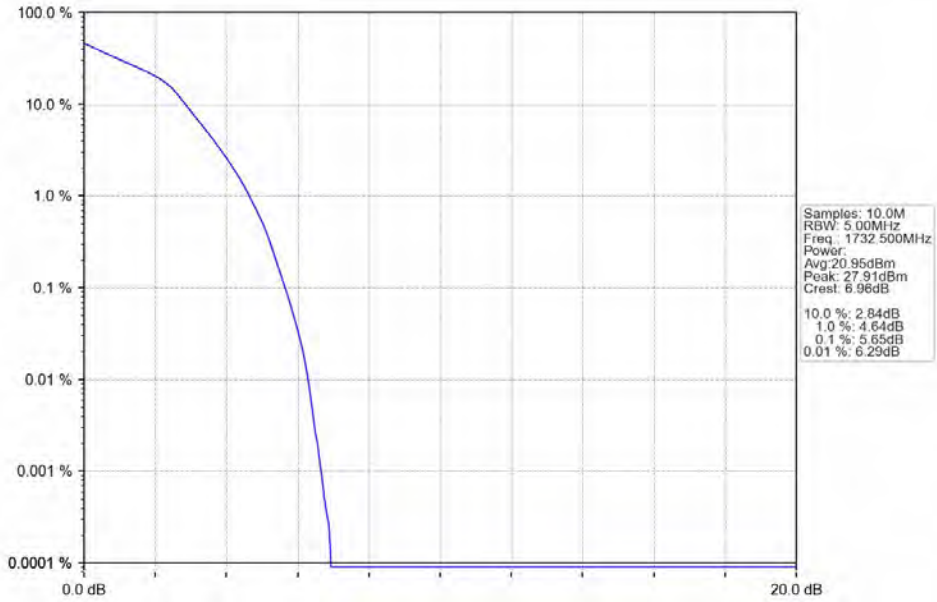
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



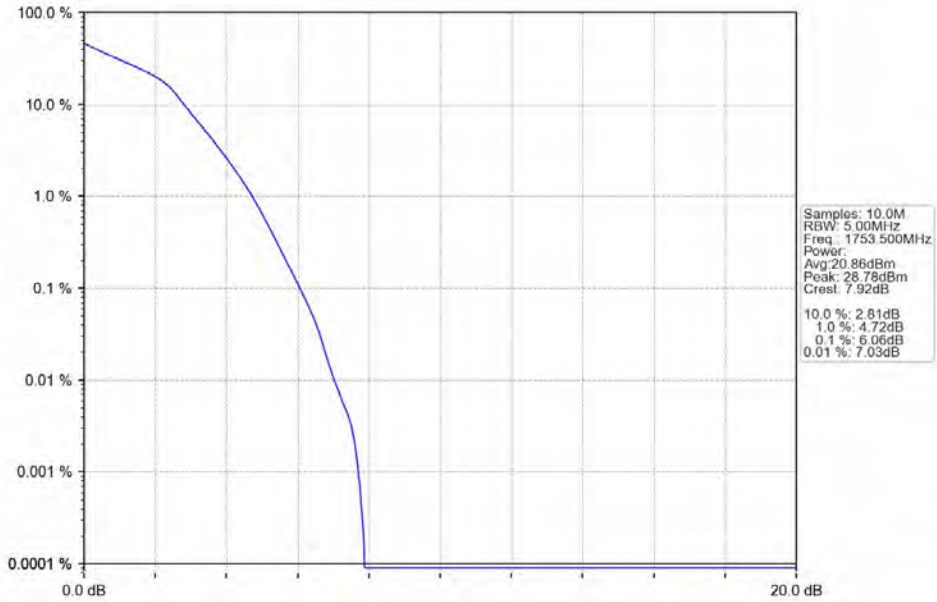
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



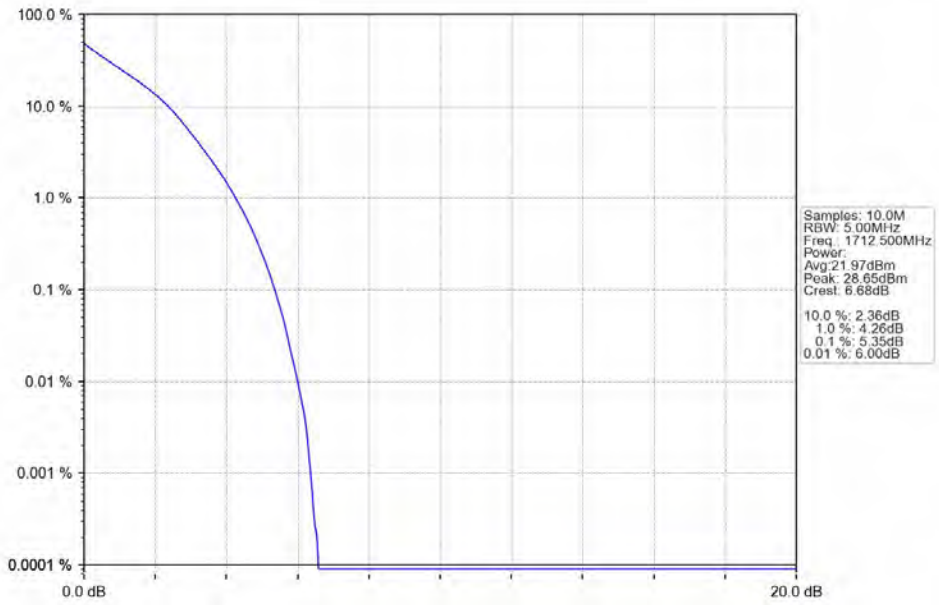
5.3 B4_5MHz

5.3.1 Test Result

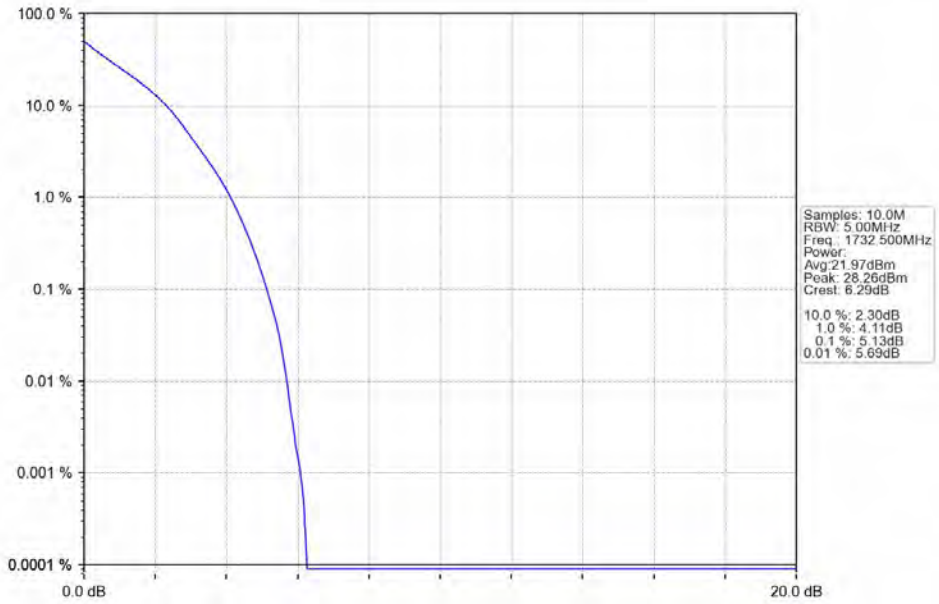
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.35	<=13	Pass
	1732.5	25	0	5.13	<=13	Pass
	1752.5	25	0	5.47	<=13	Pass
16QAM	1712.5	25	0	6.00	<=13	Pass
	1732.5	25	0	5.82	<=13	Pass
	1752.5	25	0	6.07	<=13	Pass

5.3.2 Test Graph

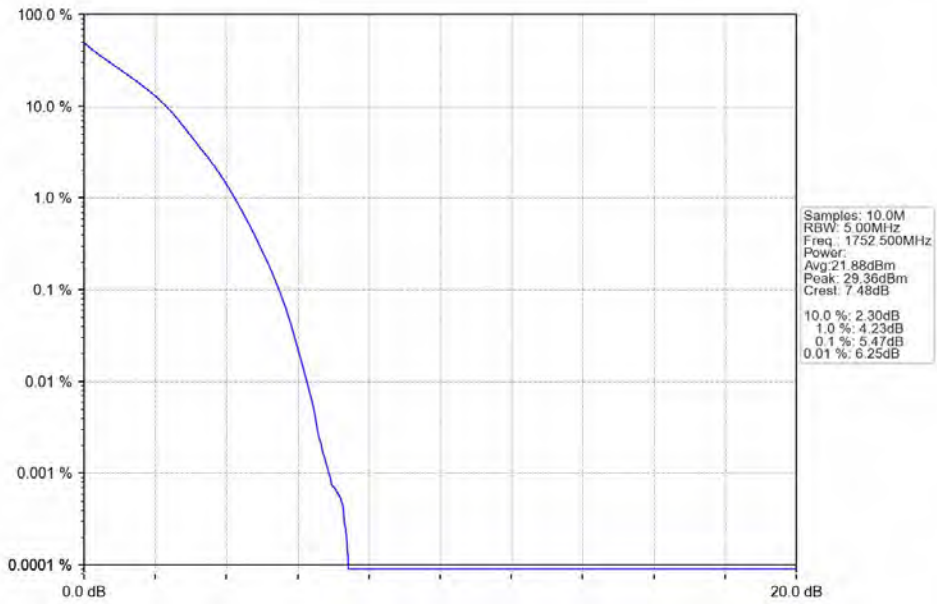
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



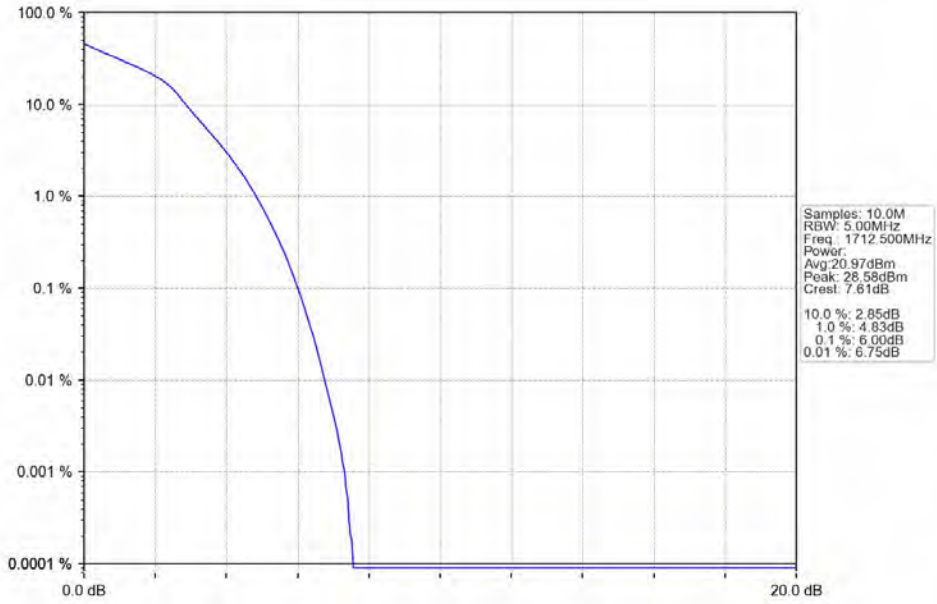
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



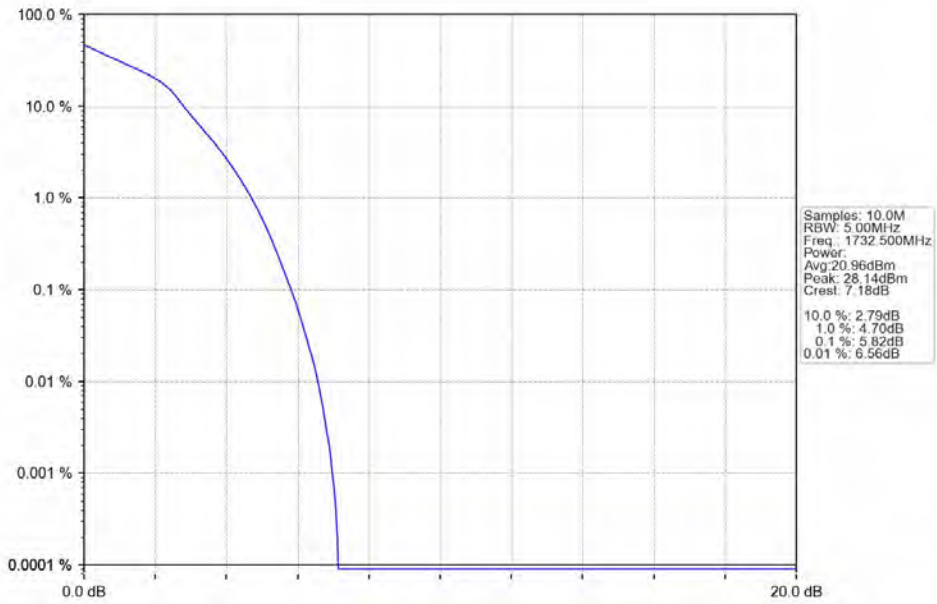
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



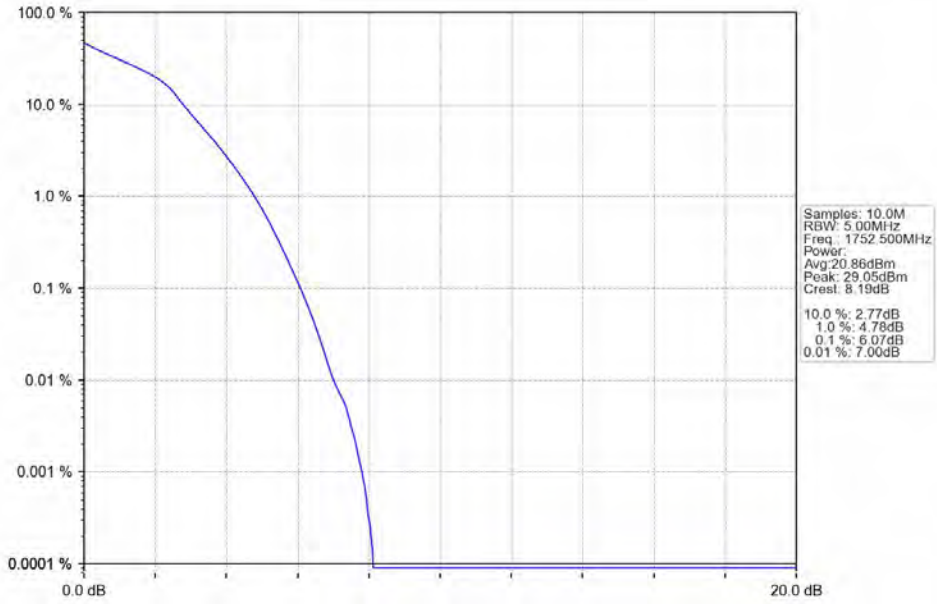
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



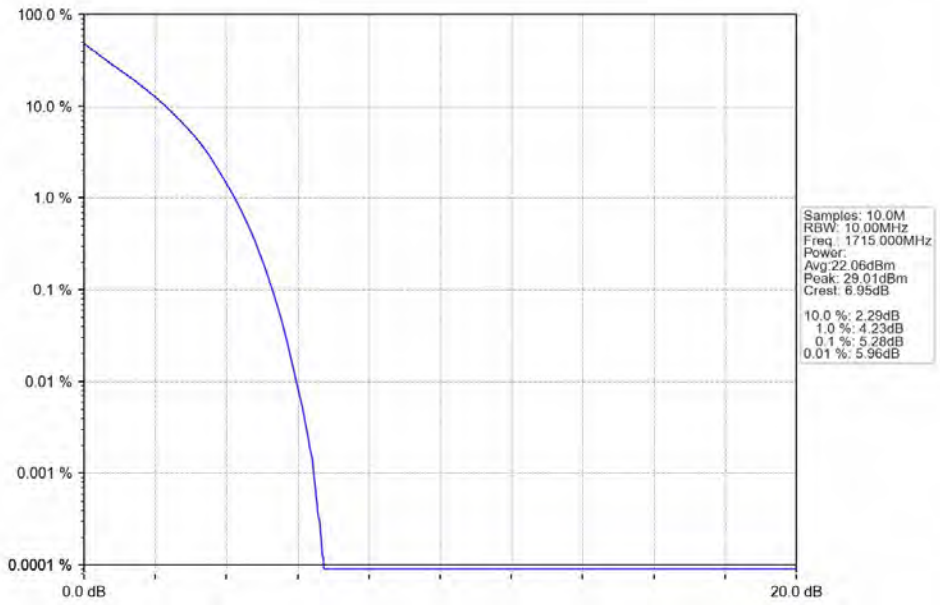
5.4 B4_10MHz

5.4.1 Test Result

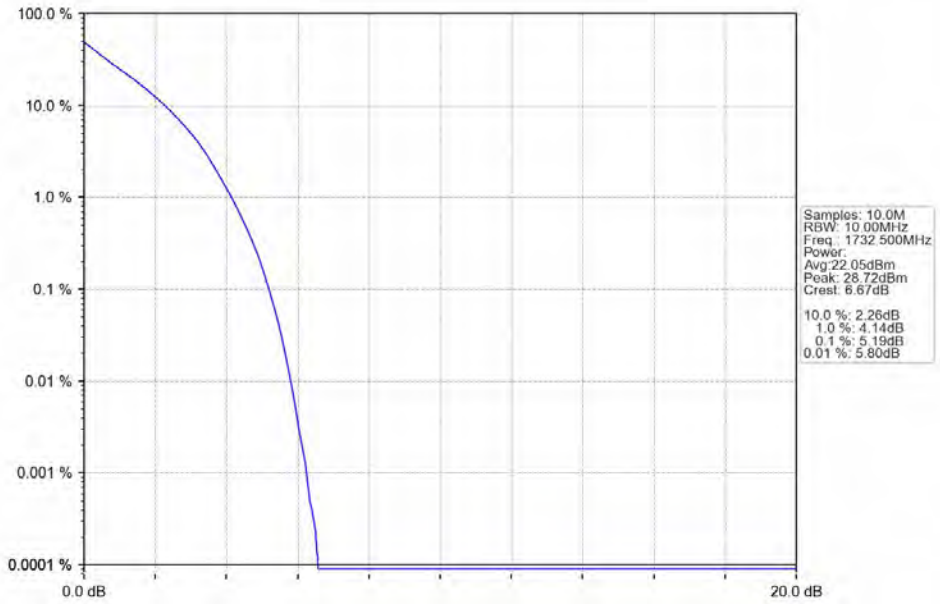
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.28	<=13	Pass
	1732.5	50	0	5.19	<=13	Pass
	1750	50	0	5.42	<=13	Pass
16QAM	1715	50	0	6.03	<=13	Pass
	1732.5	50	0	5.91	<=13	Pass
	1750	50	0	6.04	<=13	Pass

5.4.2 Test Graph

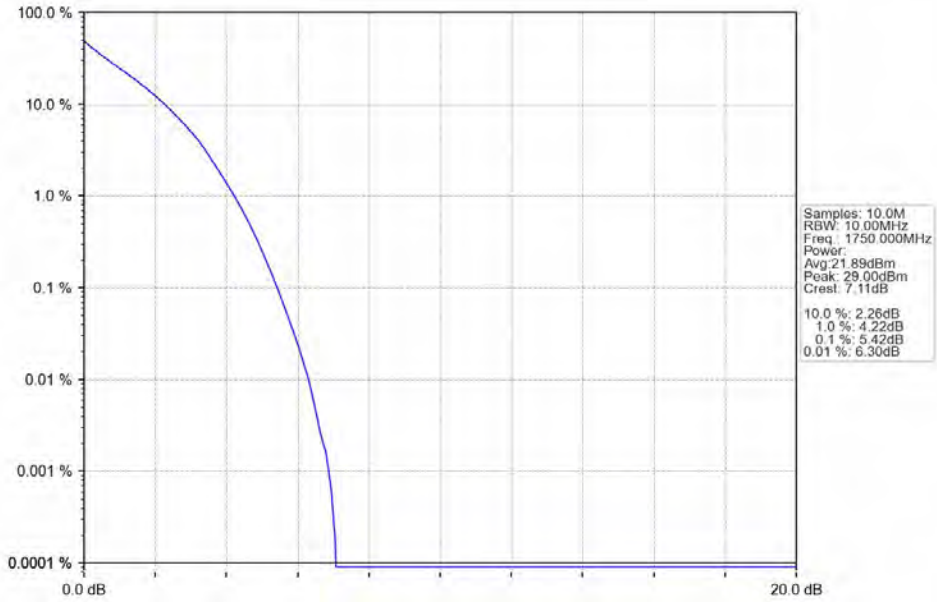
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



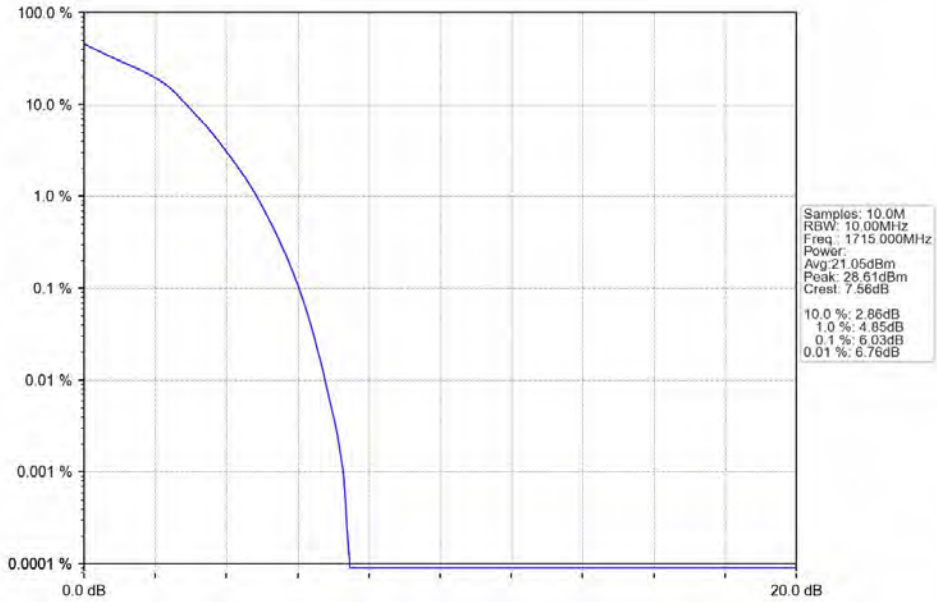
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



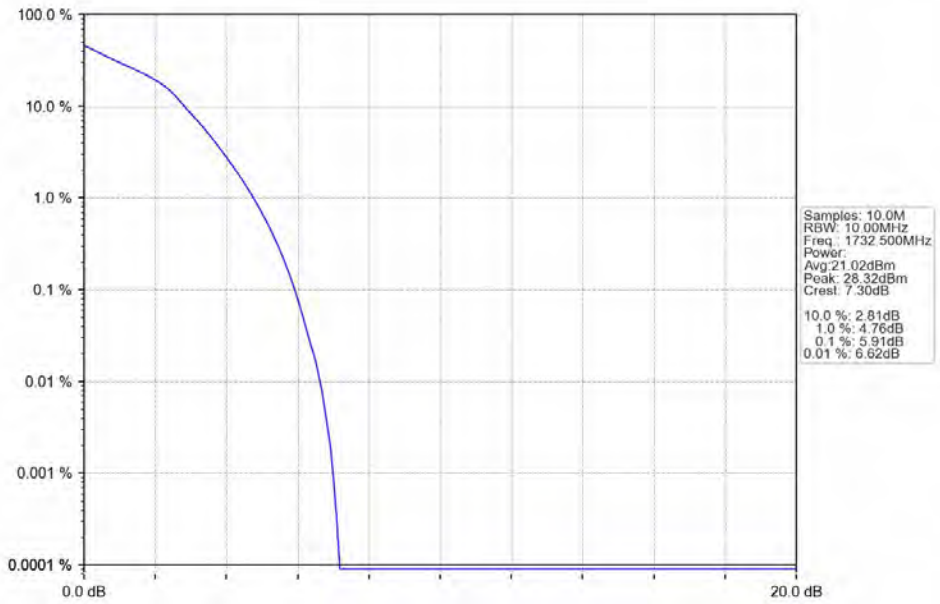
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



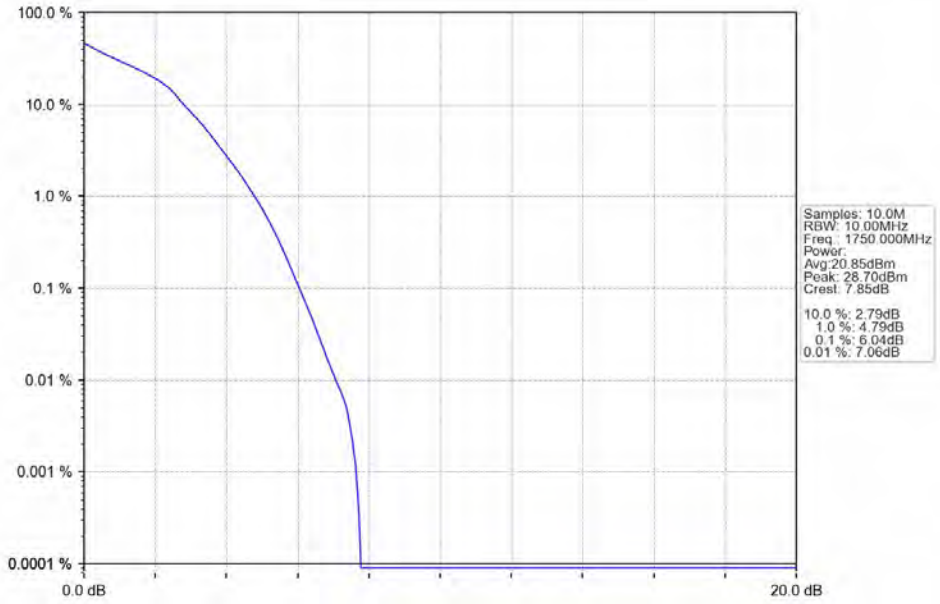
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



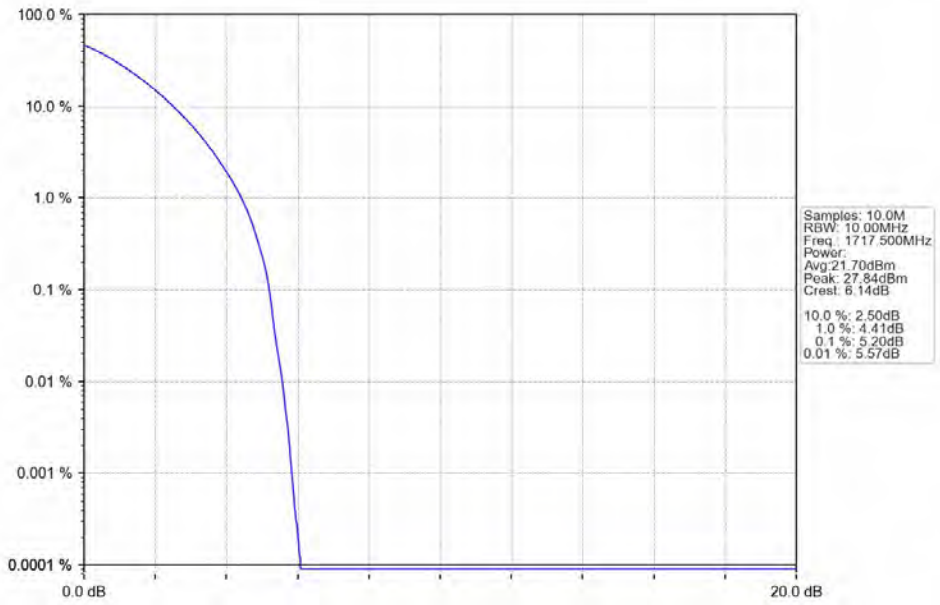
5.5 B4_15MHz

5.5.1 Test Result

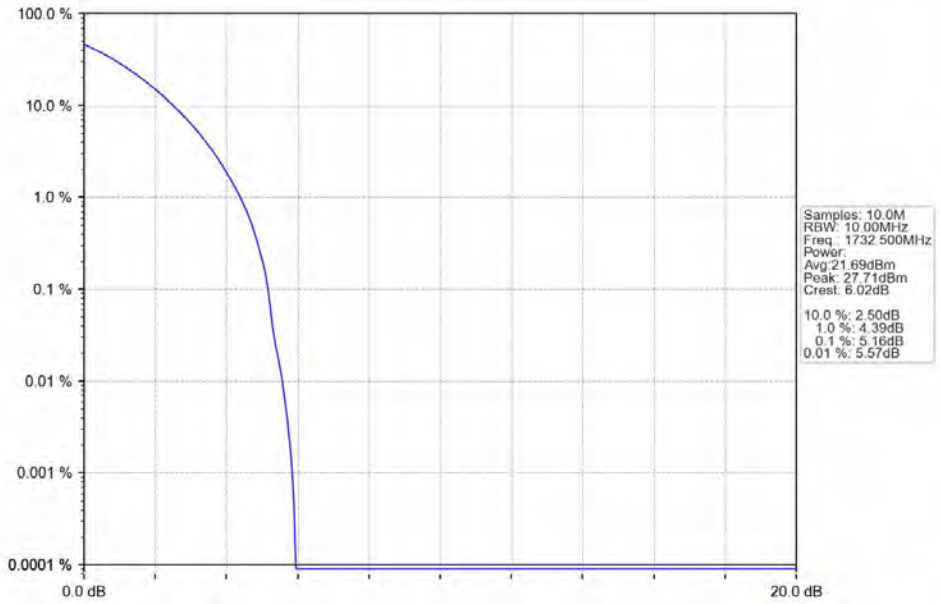
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.20	<=13	Pass
	1732.5	75	0	5.16	<=13	Pass
	1747.5	75	0	5.30	<=13	Pass
16QAM	1717.5	75	0	5.98	<=13	Pass
	1732.5	75	0	5.89	<=13	Pass
	1747.5	75	0	5.95	<=13	Pass

5.5.2 Test Graph

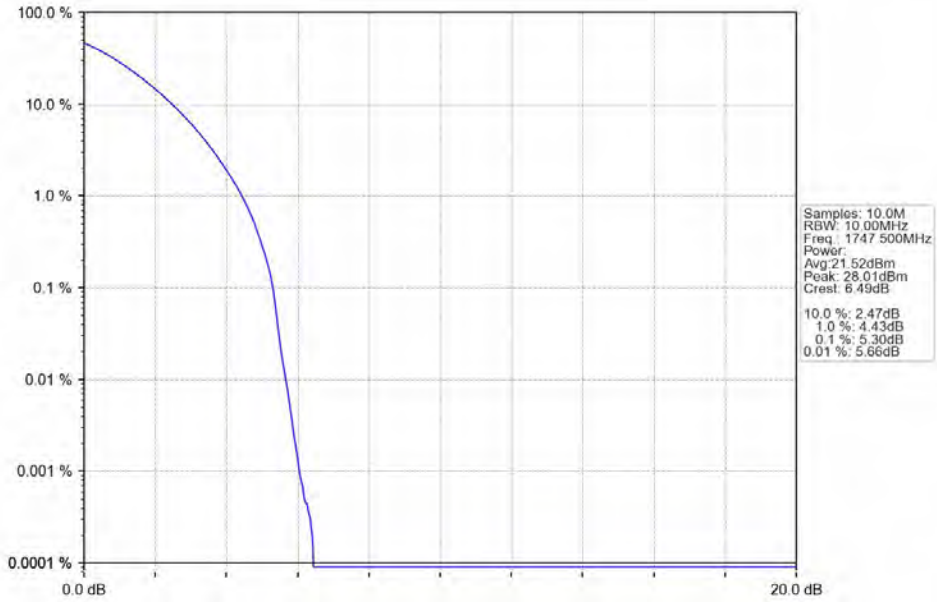
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



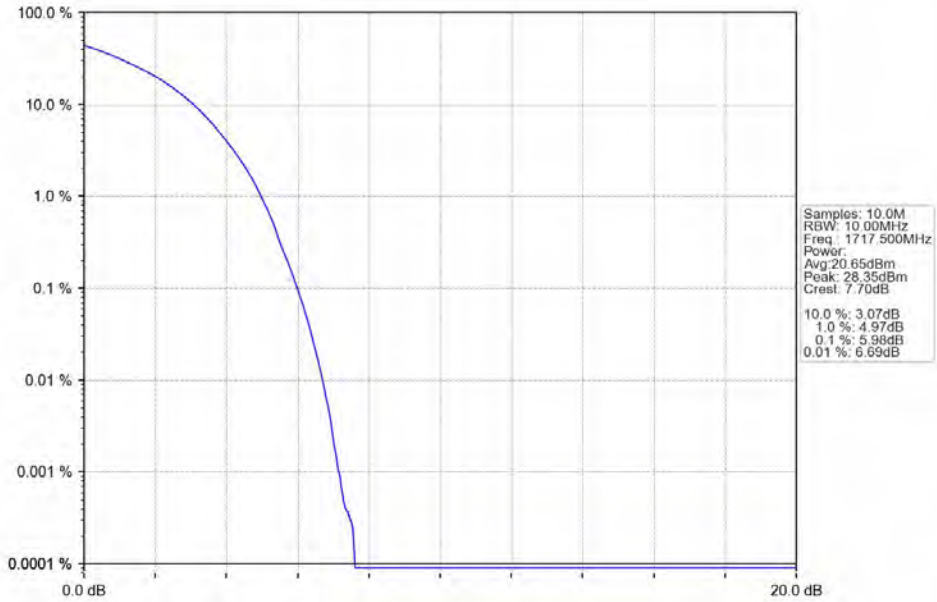
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



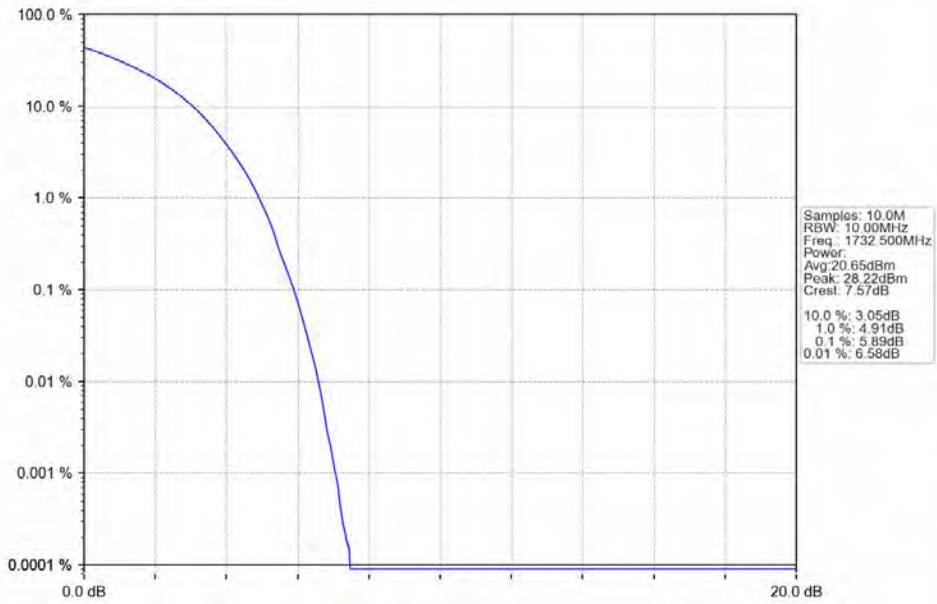
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



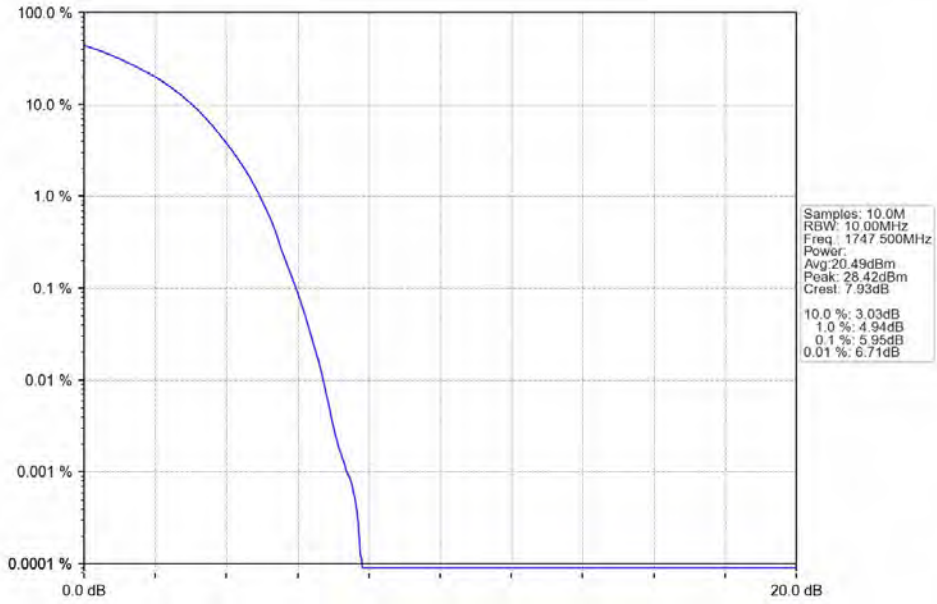
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



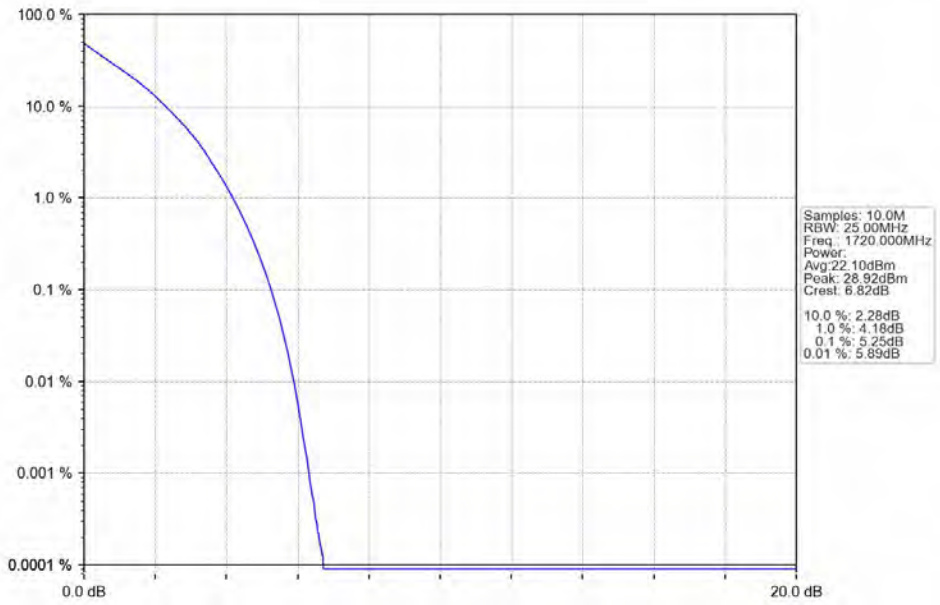
5.6 B4_20MHz

5.6.1 Test Result

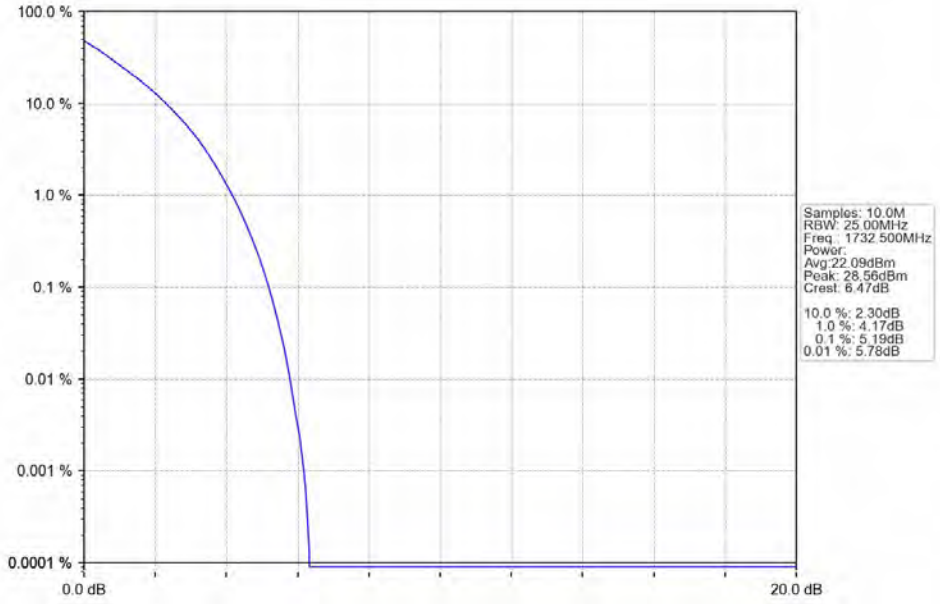
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.25	<=13	Pass
	1732.5	100	0	5.19	<=13	Pass
	1745	100	0	5.29	<=13	Pass
16QAM	1720	100	0	5.97	<=13	Pass
	1732.5	100	0	5.92	<=13	Pass
	1745	100	0	5.98	<=13	Pass

5.6.2 Test Graph

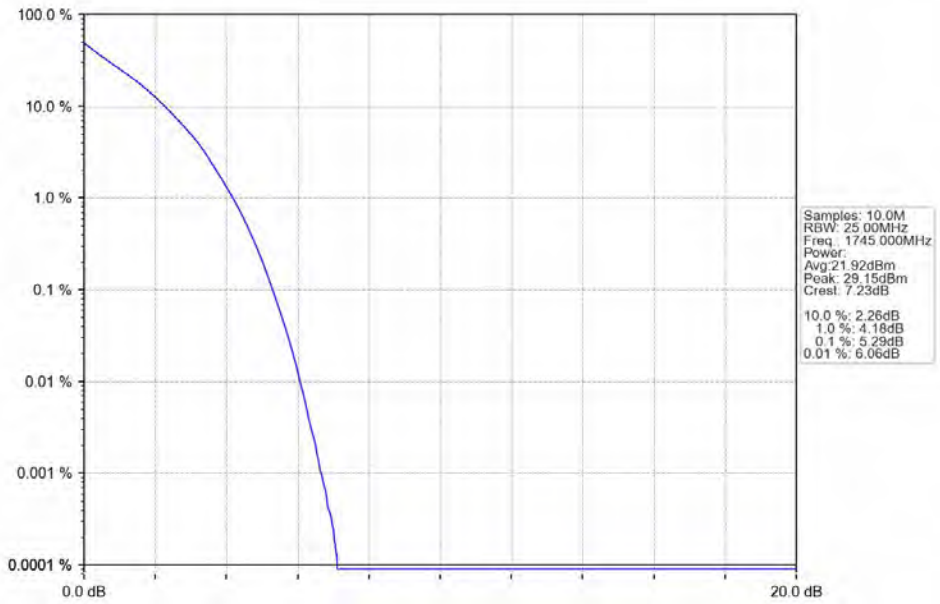
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



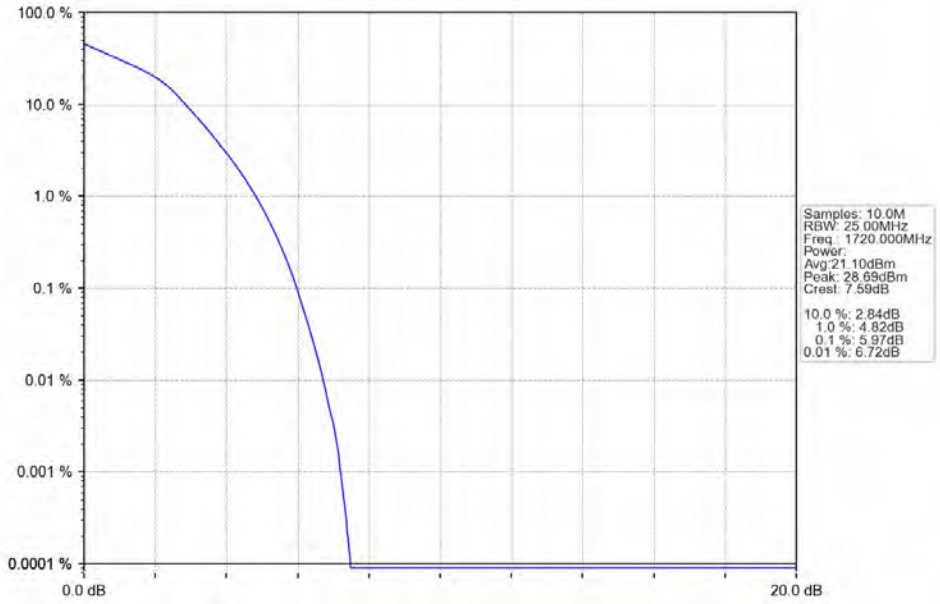
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



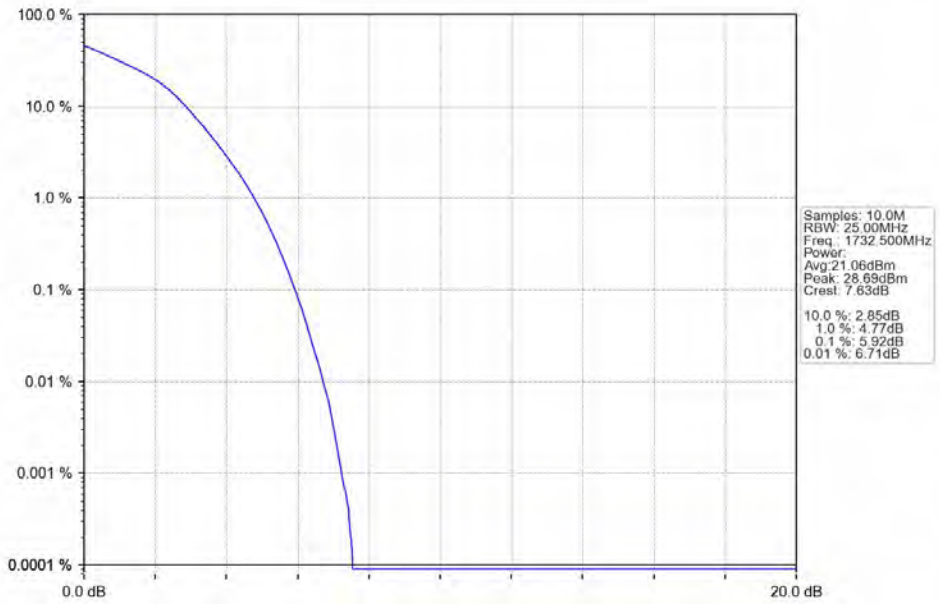
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



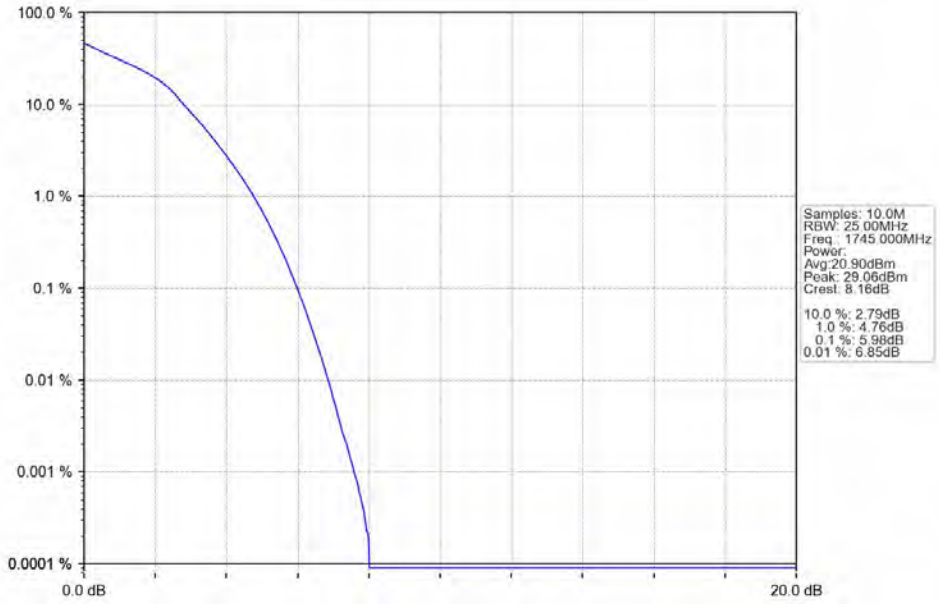
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

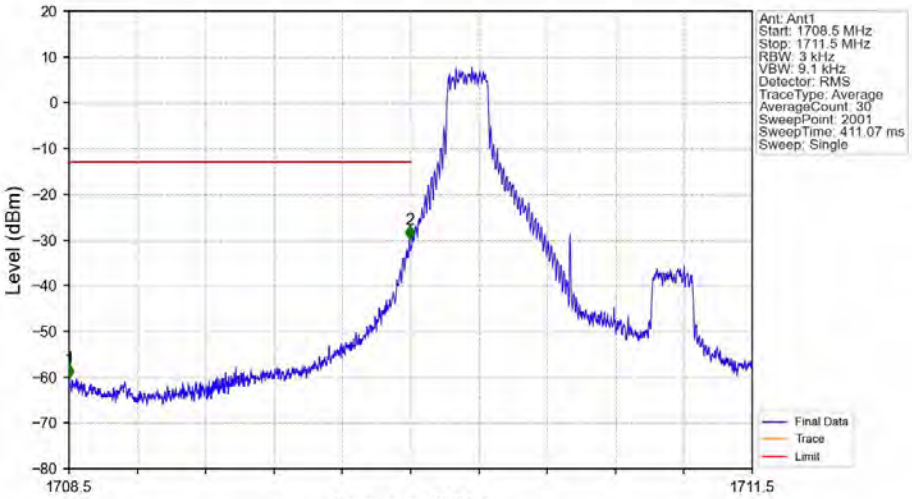
6.1 B4_1.4MHz

6.1.1 Test Result

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

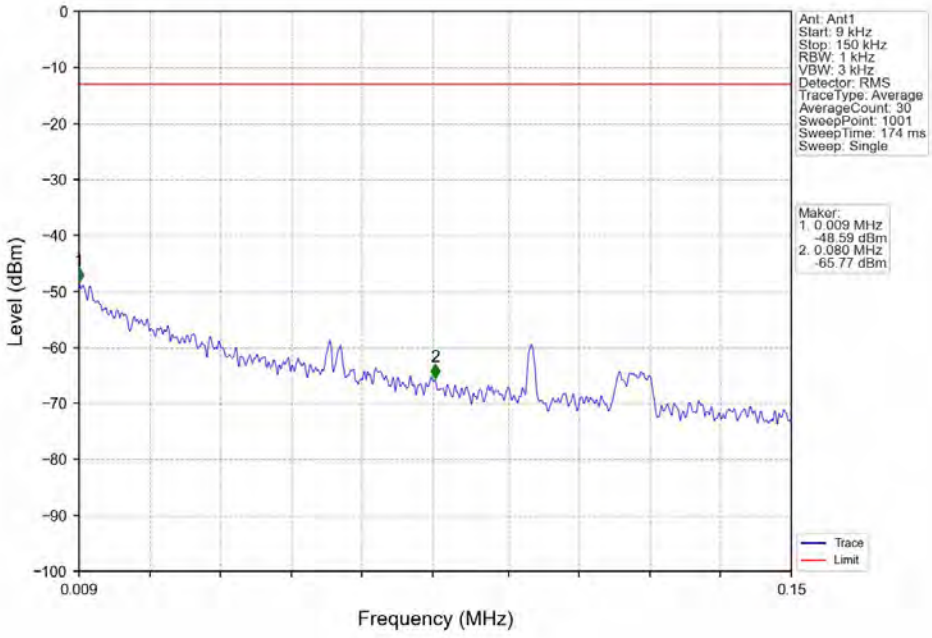
6.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

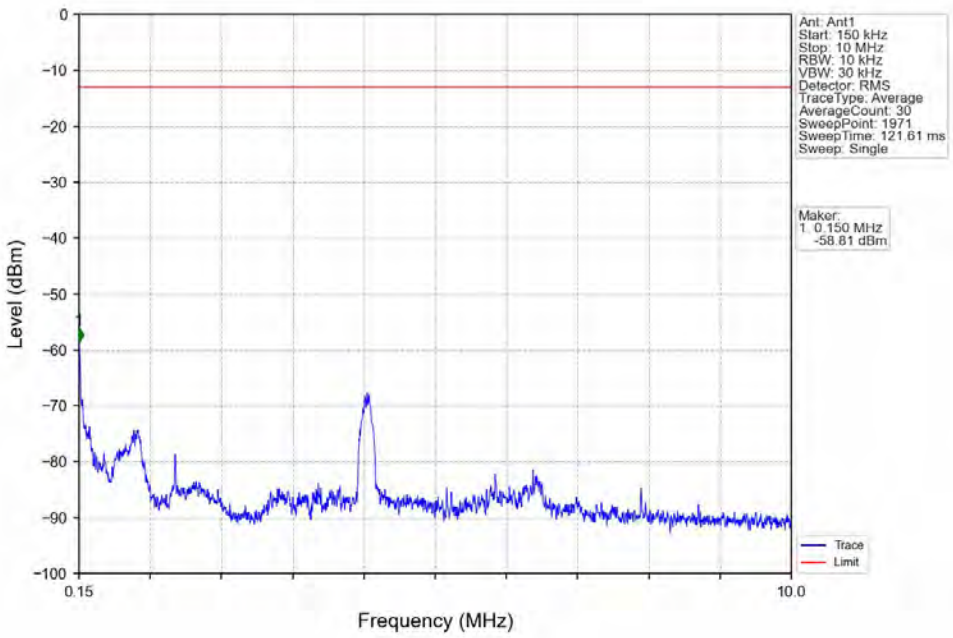


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.502	-60.24	-13	Pass
1709	1710	0.003	/	2	1709.995	-29.93	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

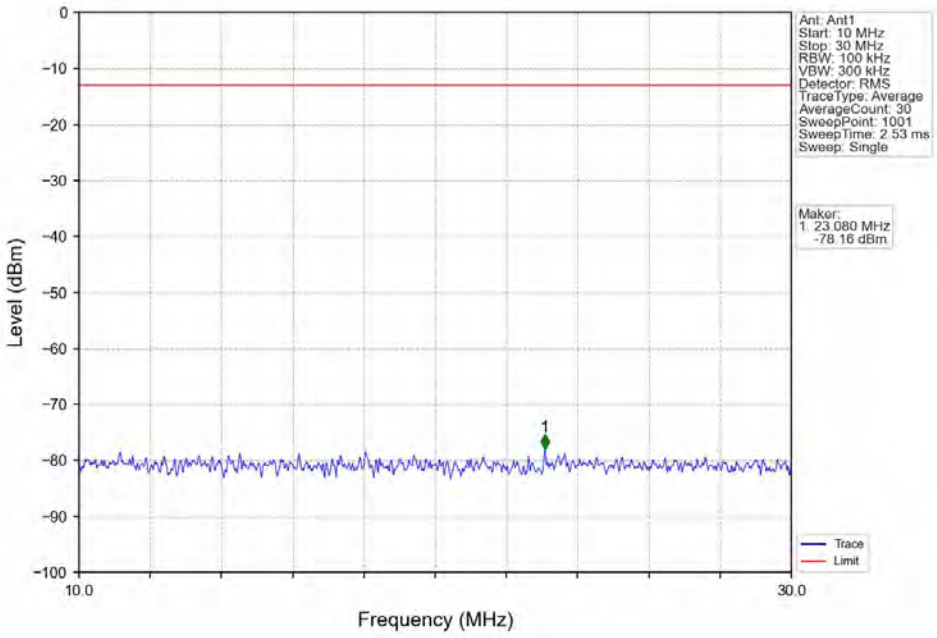
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



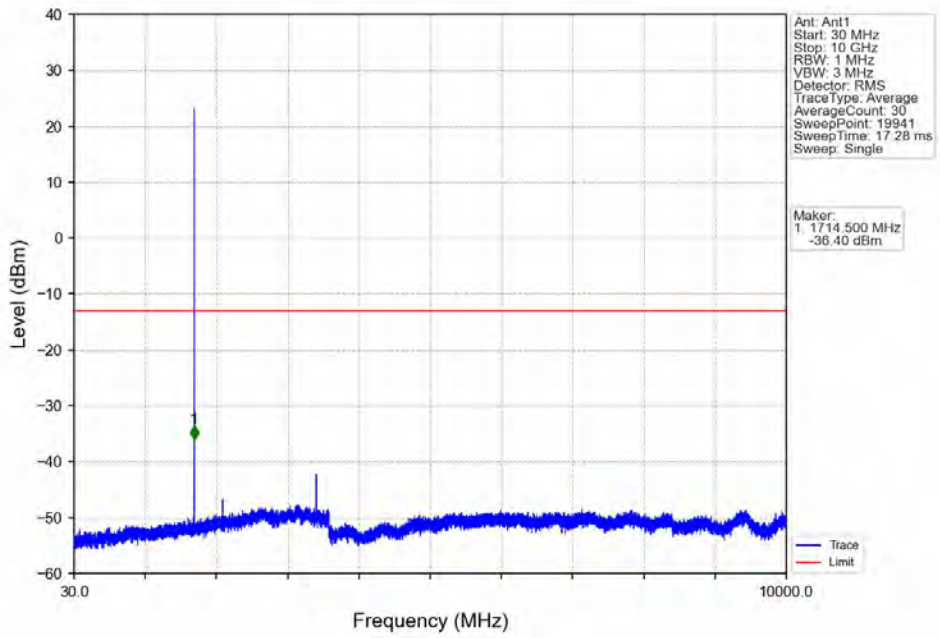
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



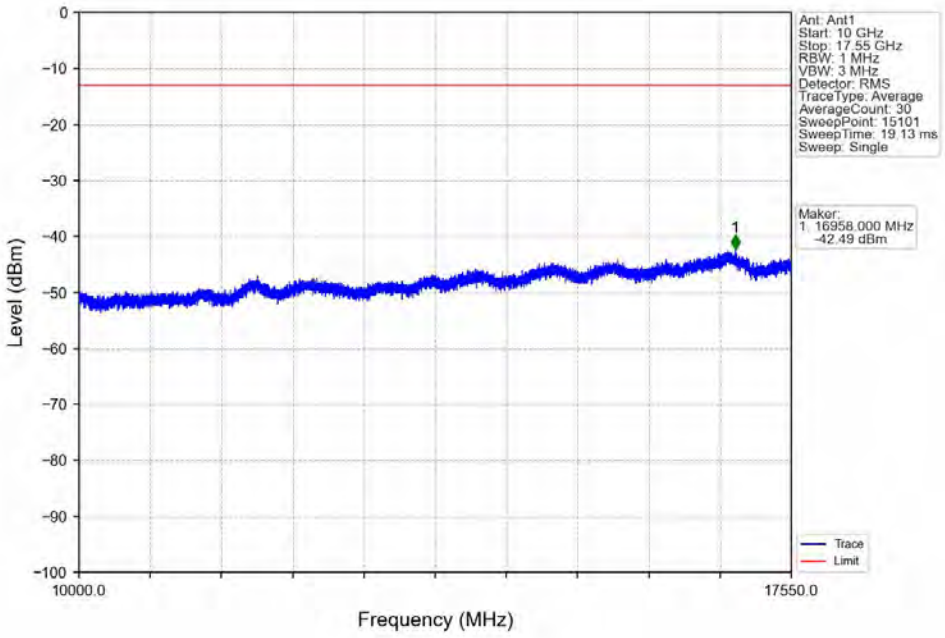
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



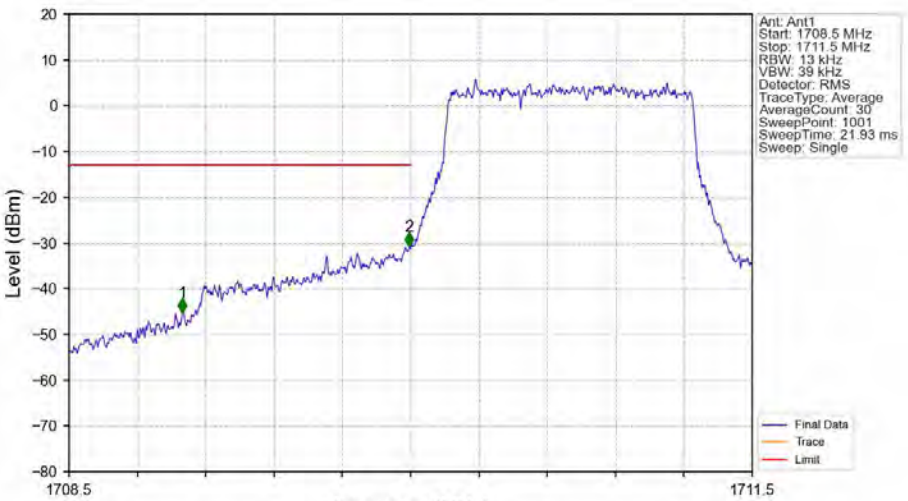
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

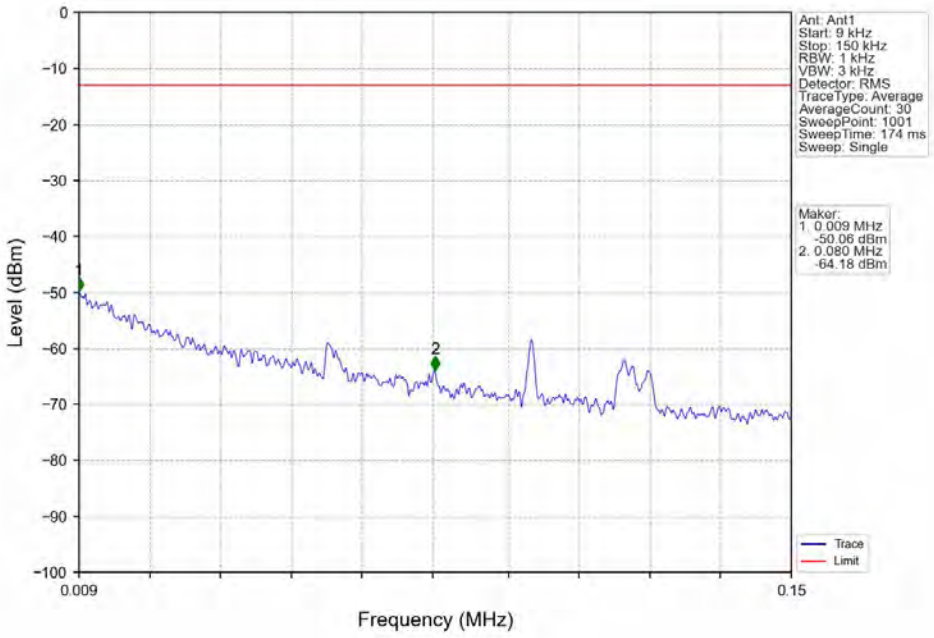


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

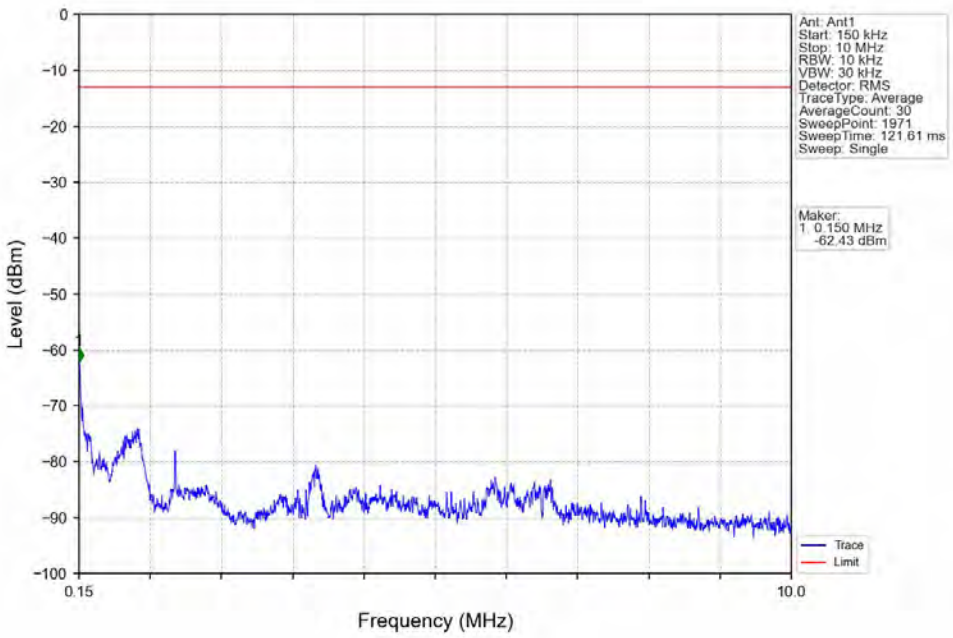


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-45.26	-13	Pass
1709	1710	0.013	/	2	1709.994	-30.86	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

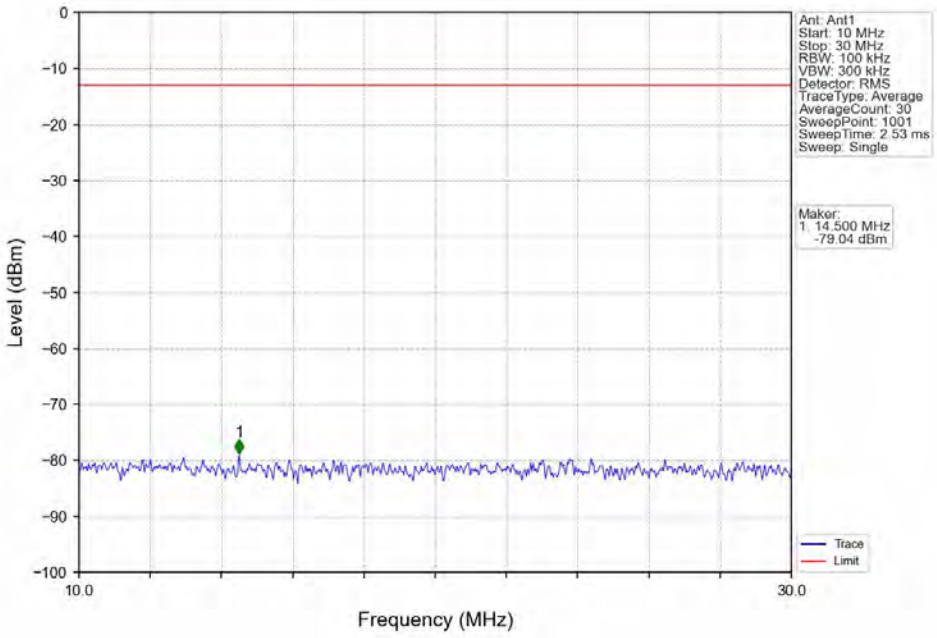
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



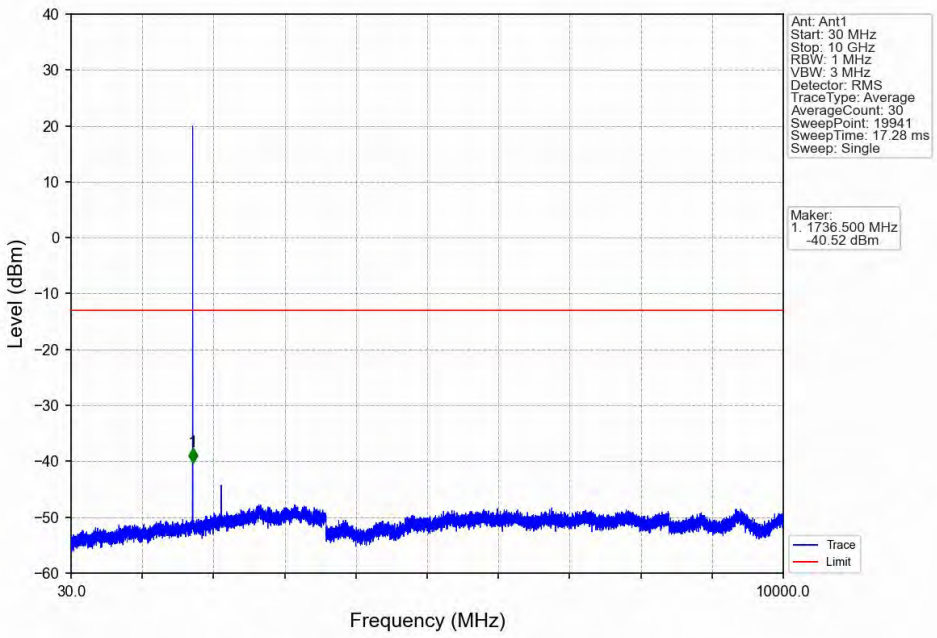
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



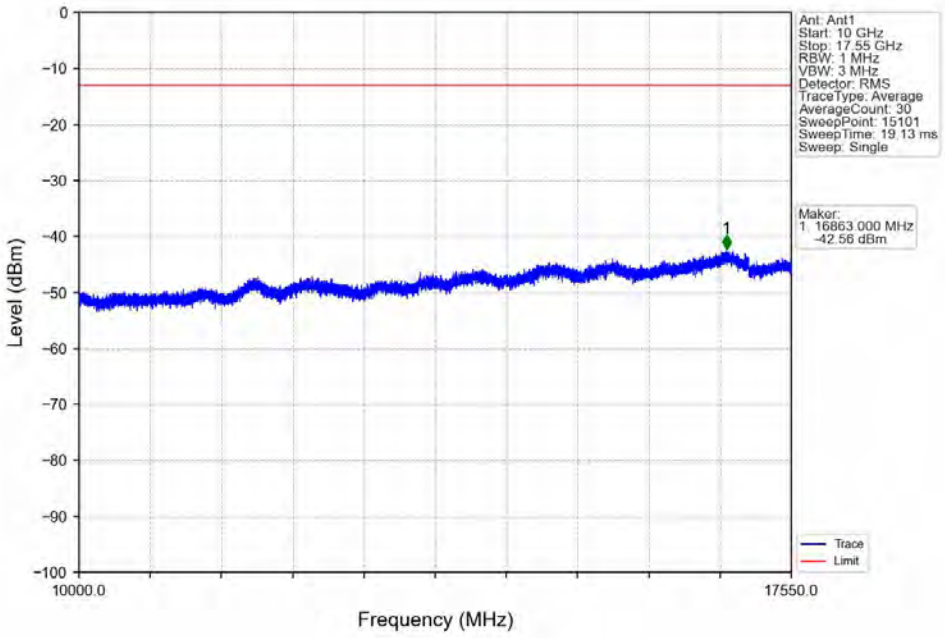
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



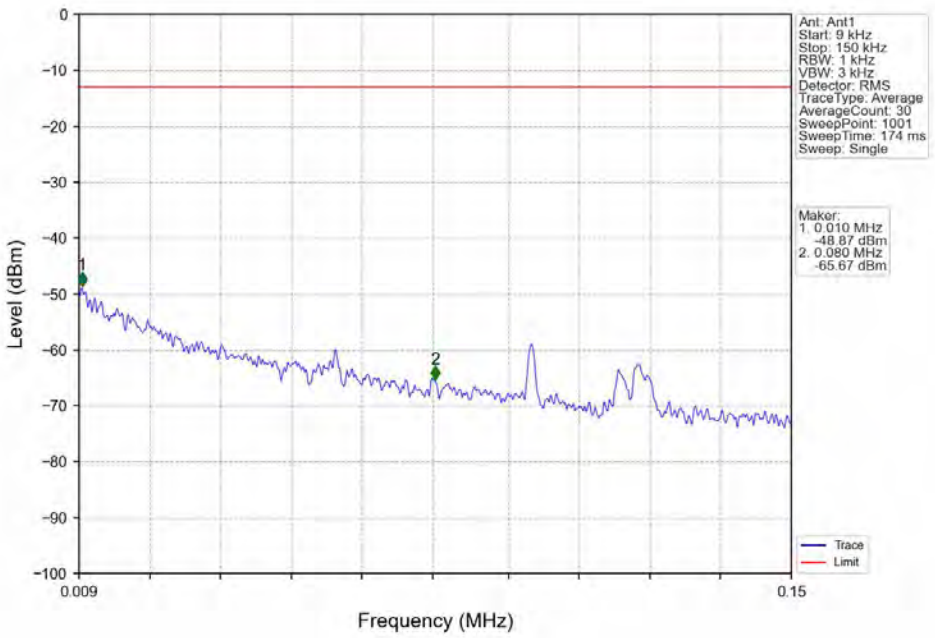
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



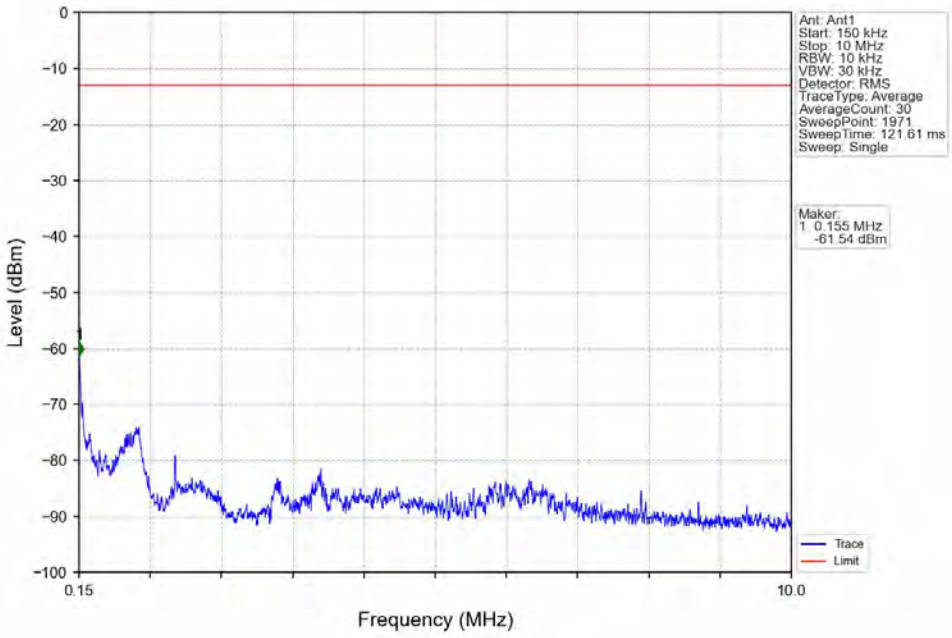
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



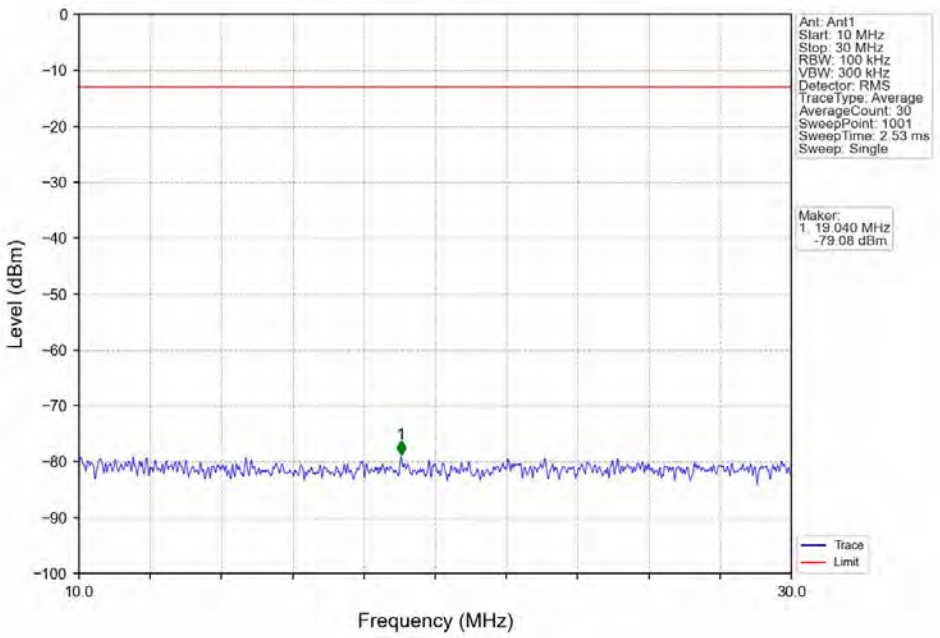
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



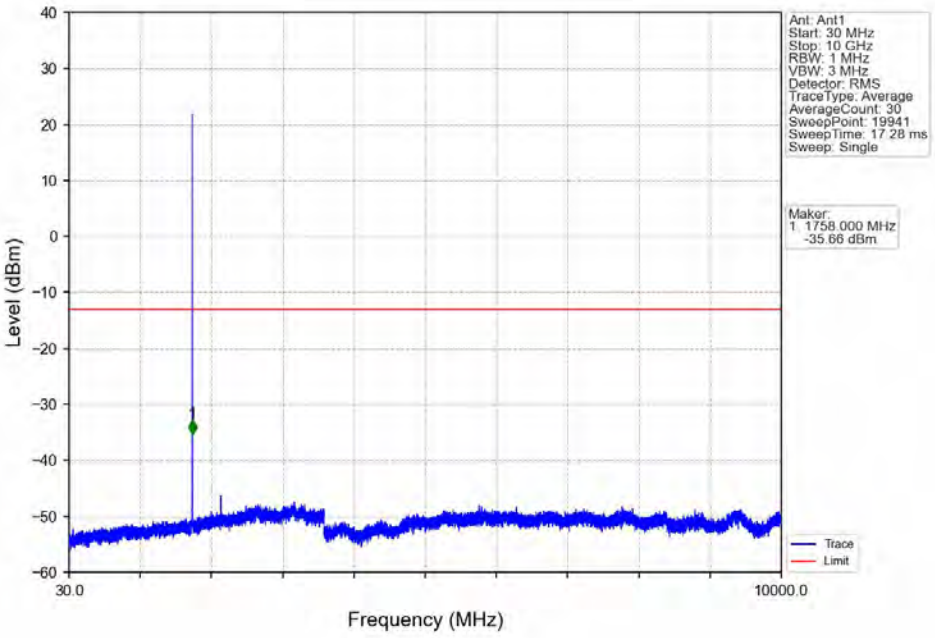
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



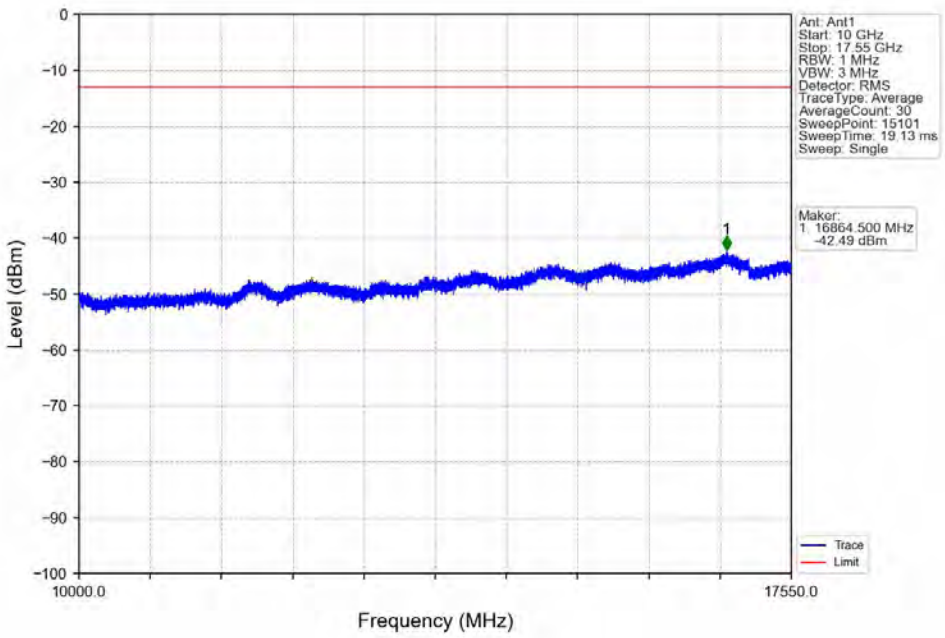
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



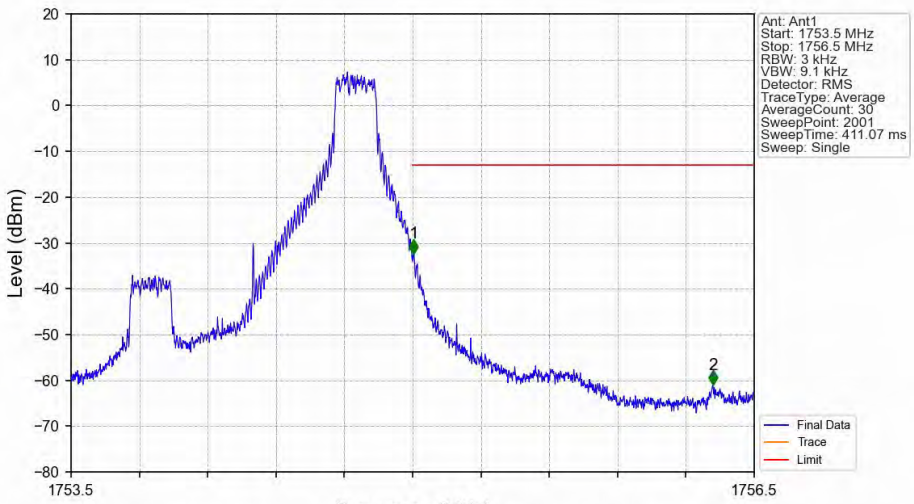
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

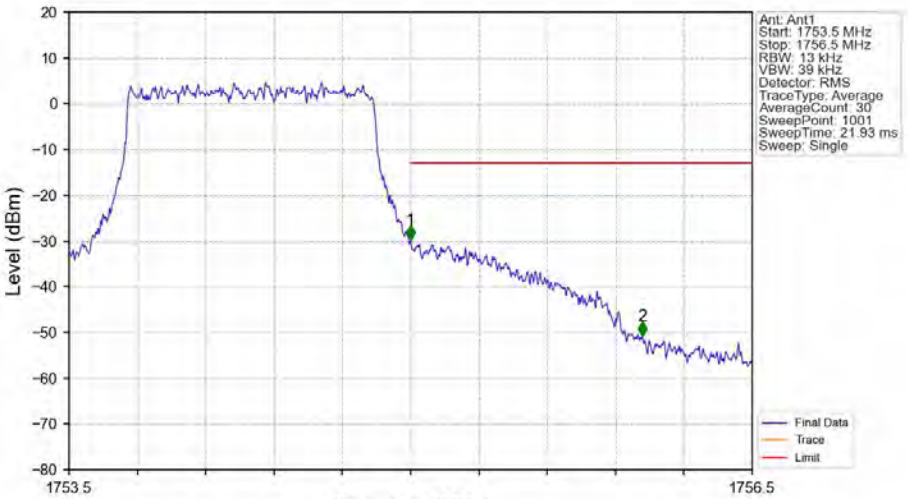


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



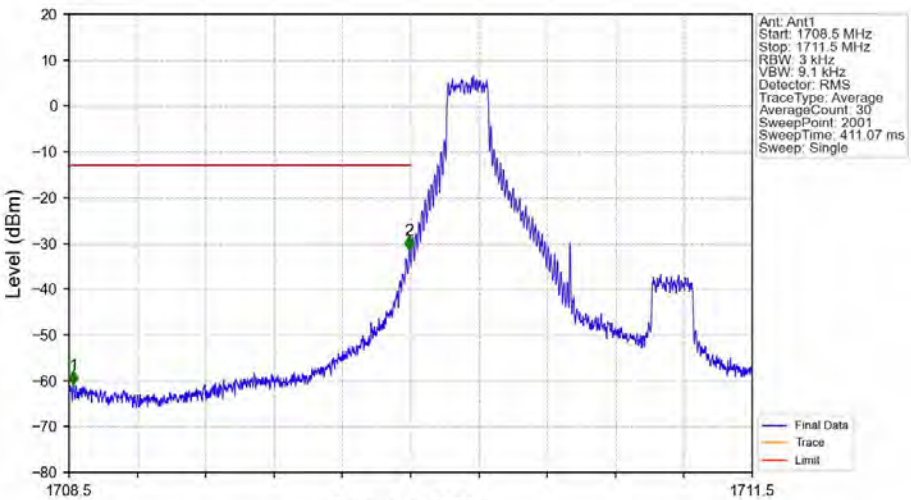
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-32.31	-13	Pass
1756	1756.5	1	/	2	1756.319	-61.03	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



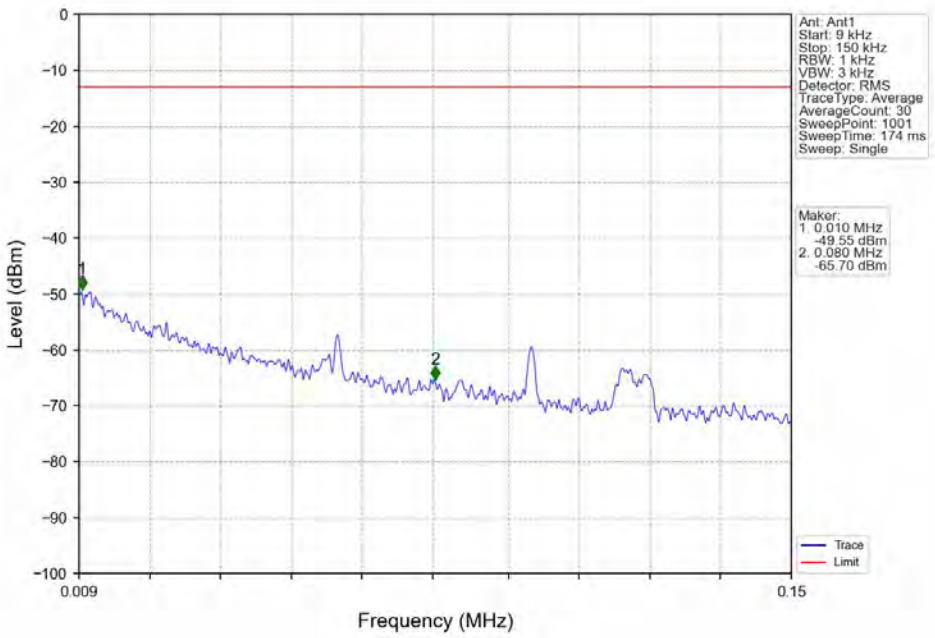
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.000	-29.76	-13	Pass
1756	1756.5	1	/	2	1756.017	-50.73	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

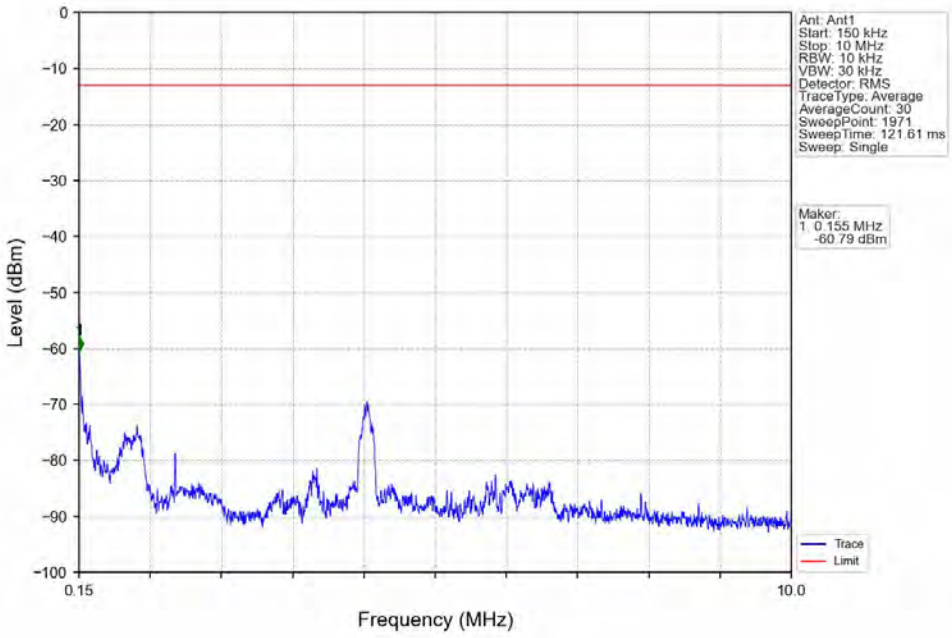


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.518	-60.90	-13	Pass
1709	1710	0.003	/	2	1709.994	-31.46	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

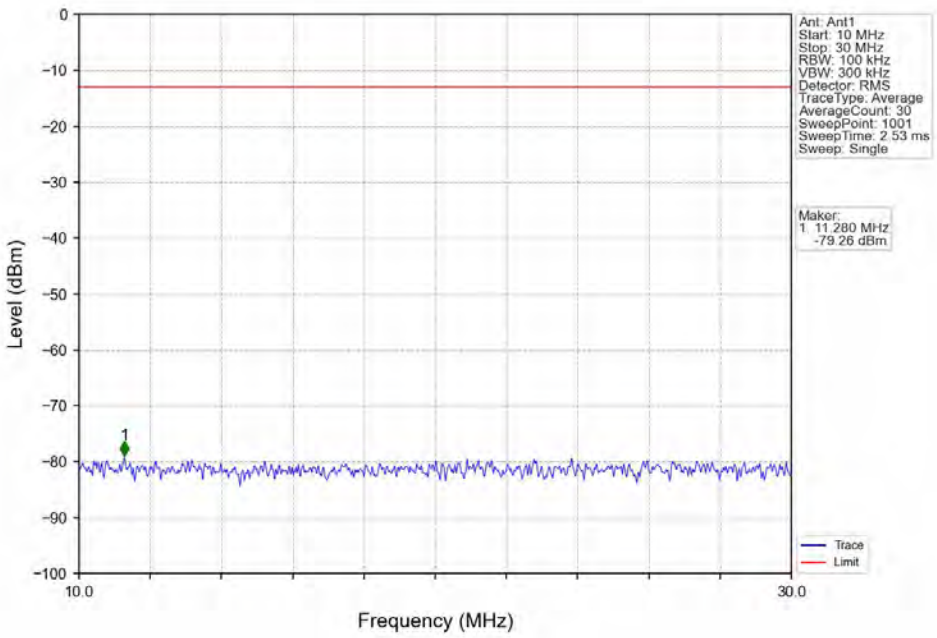
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



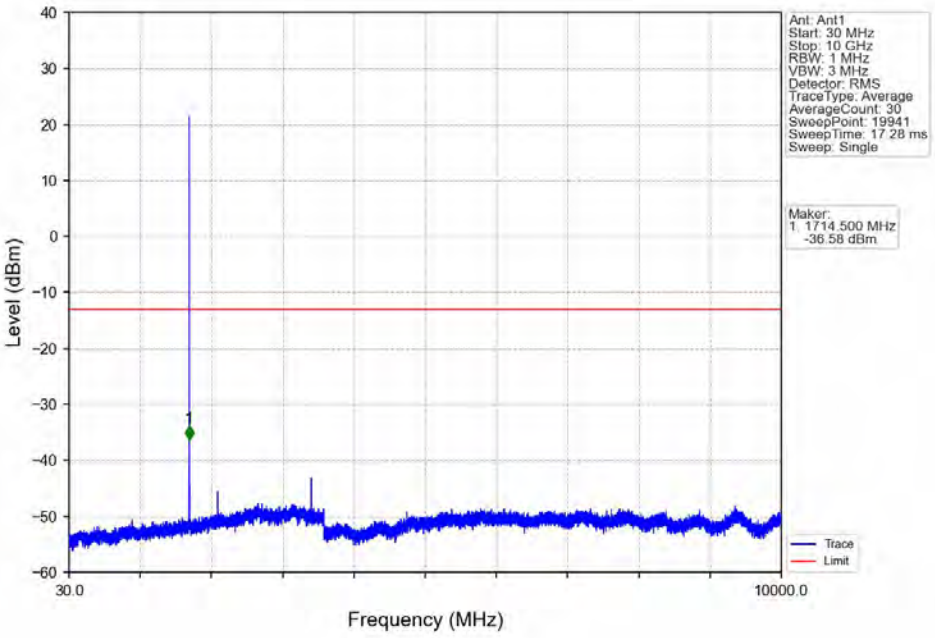
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



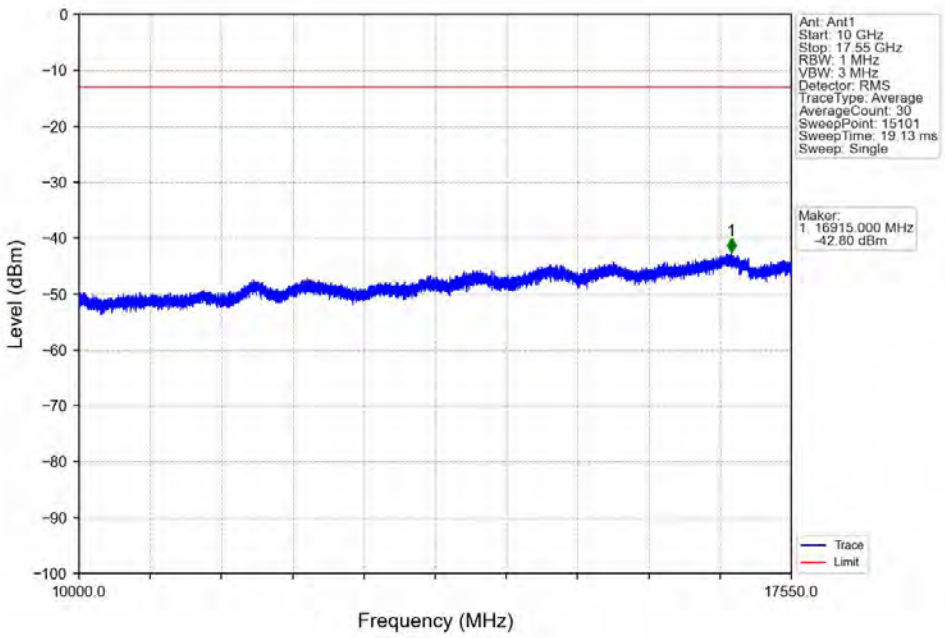
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



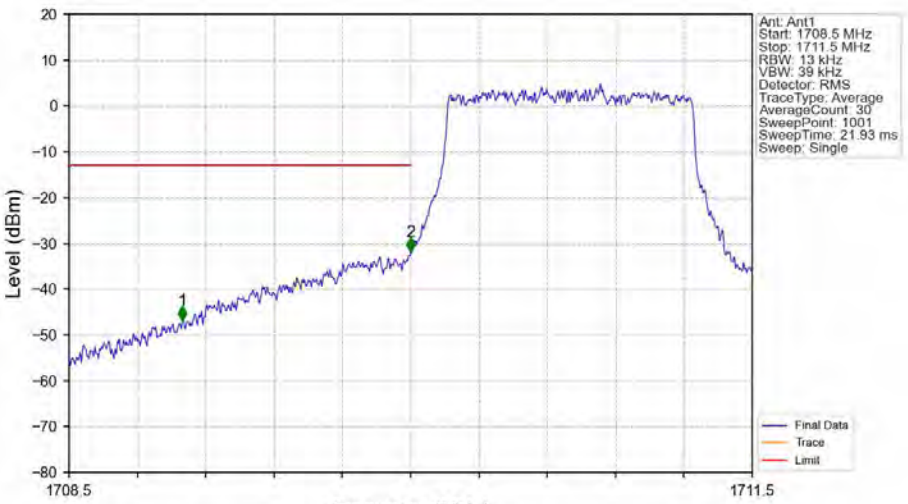
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

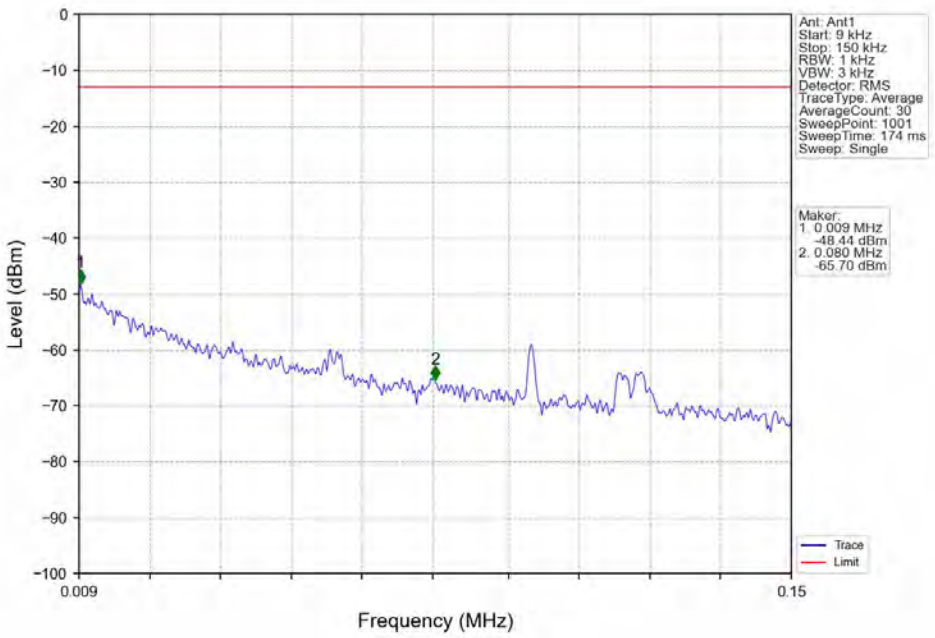


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

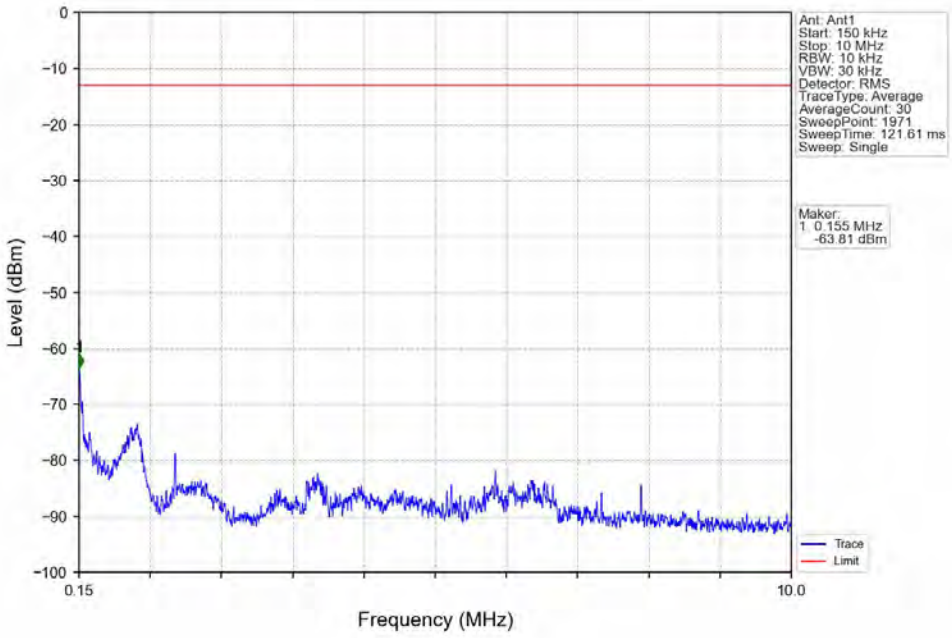


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-46.85	-13	Pass
1709	1710	0.013	/	2	1710.000	-31.83	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

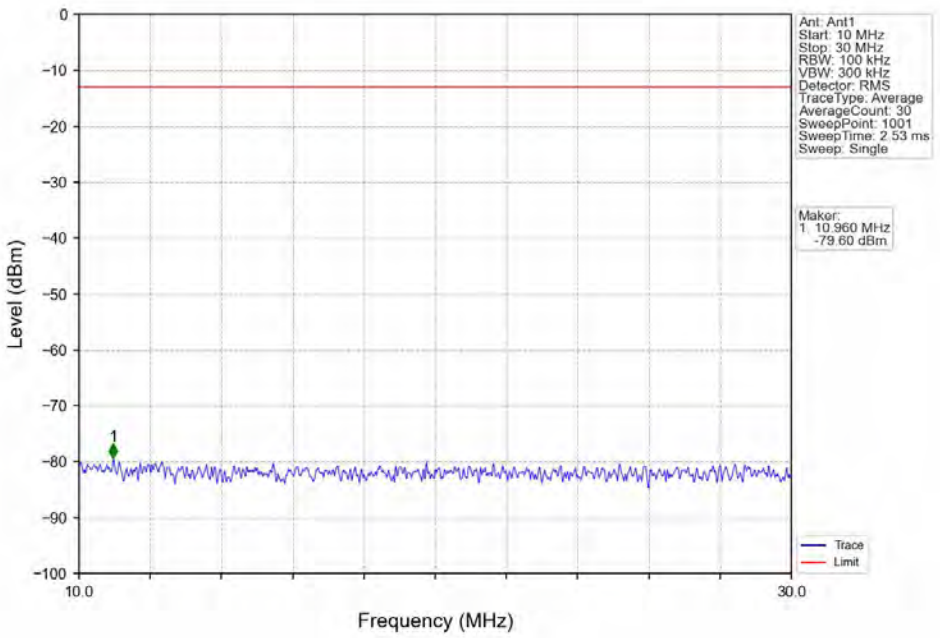
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



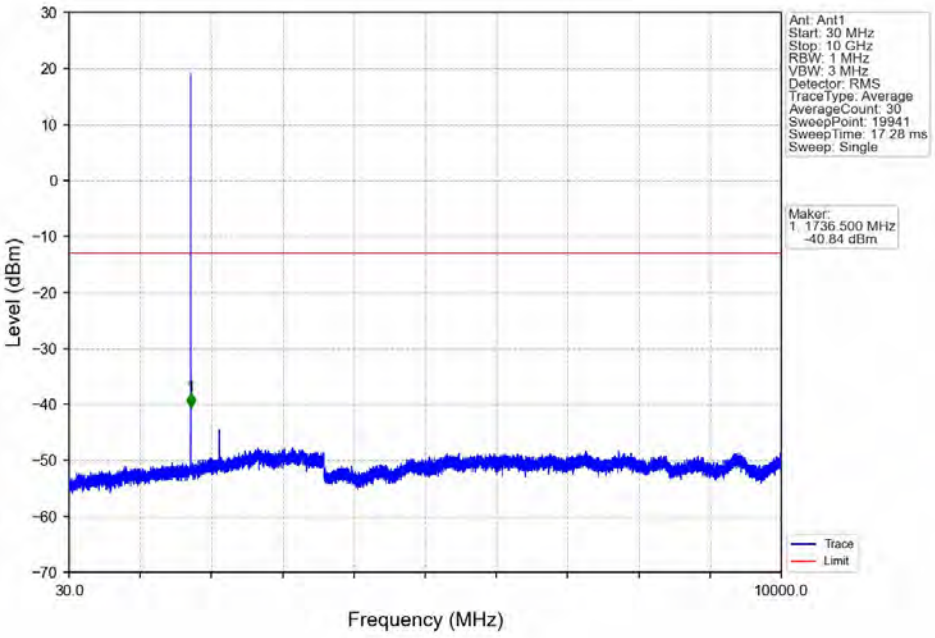
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



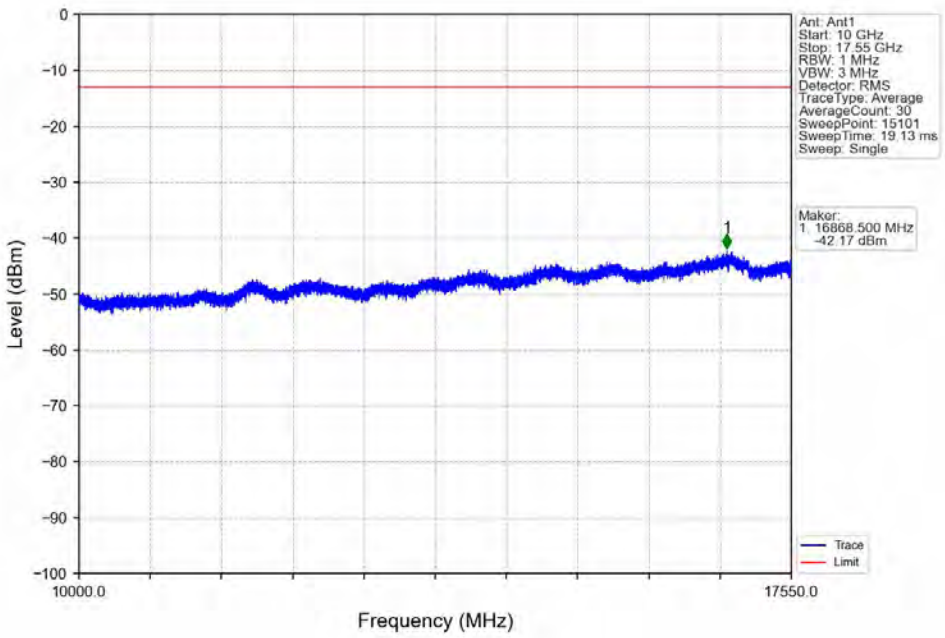
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



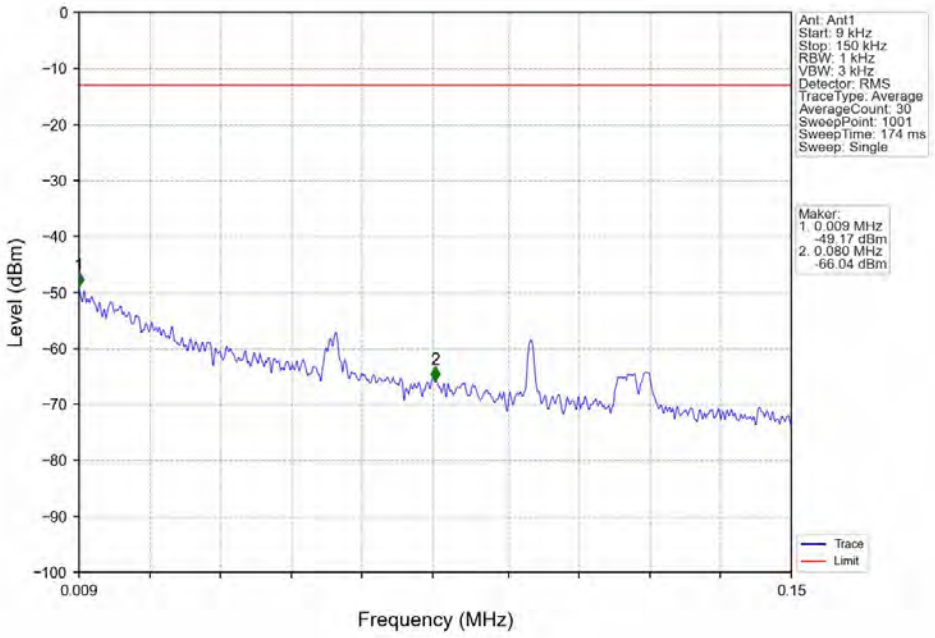
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



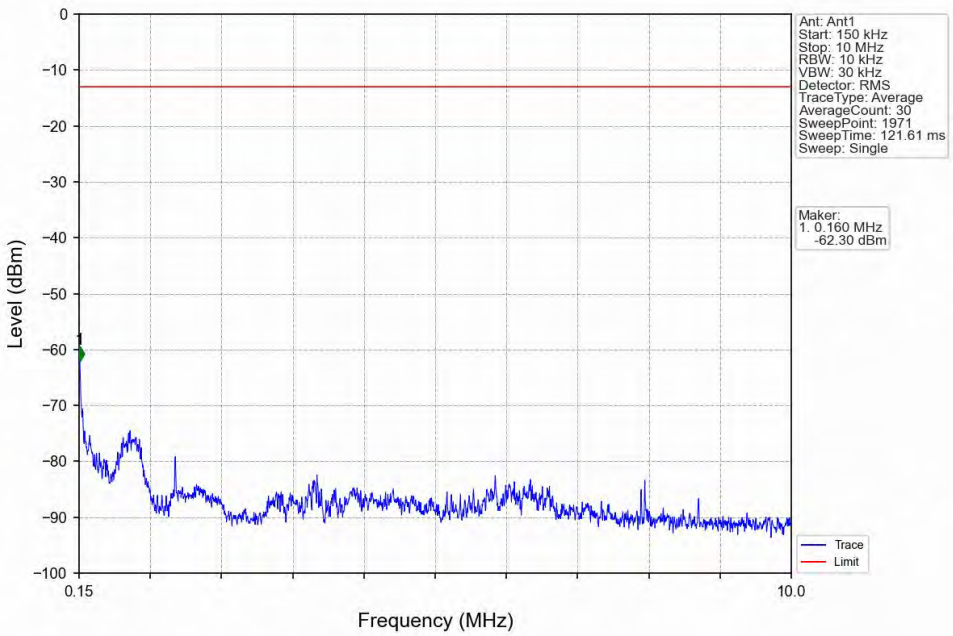
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



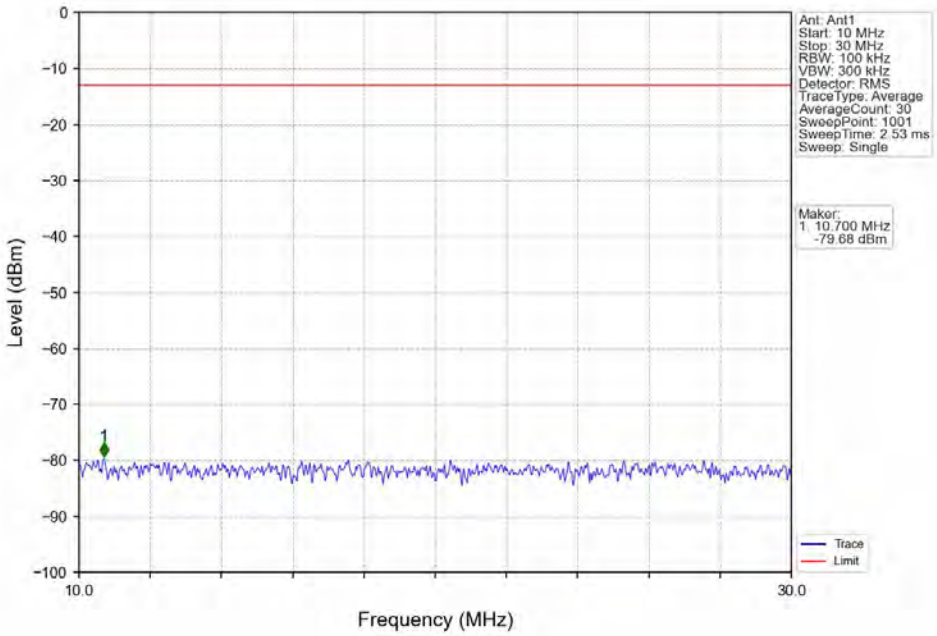
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



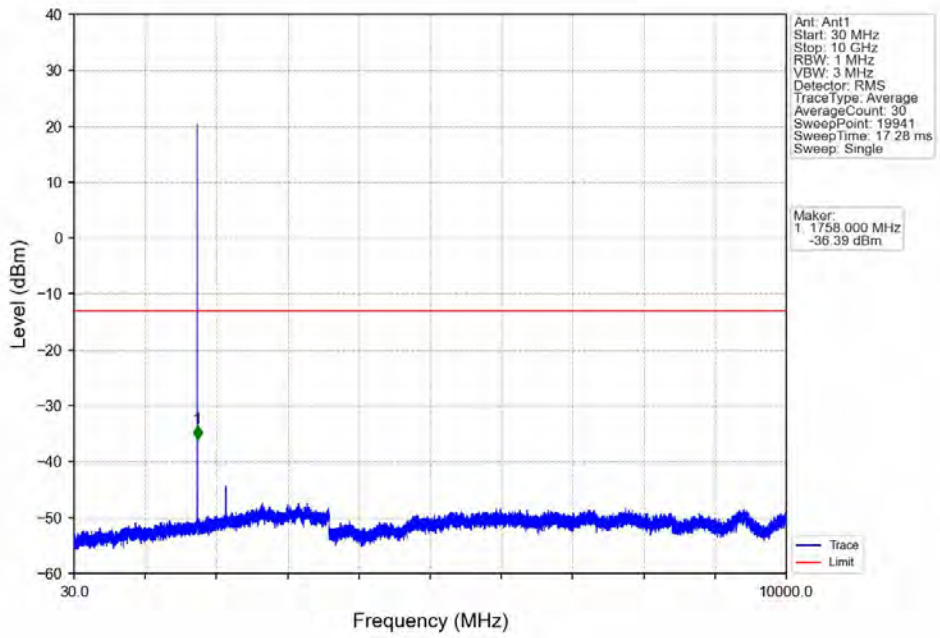
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



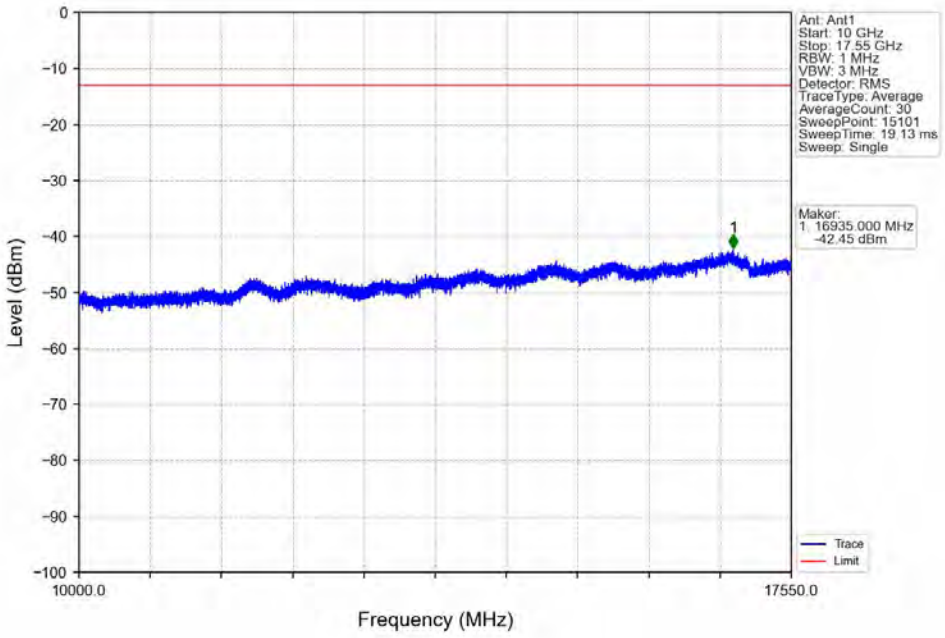
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



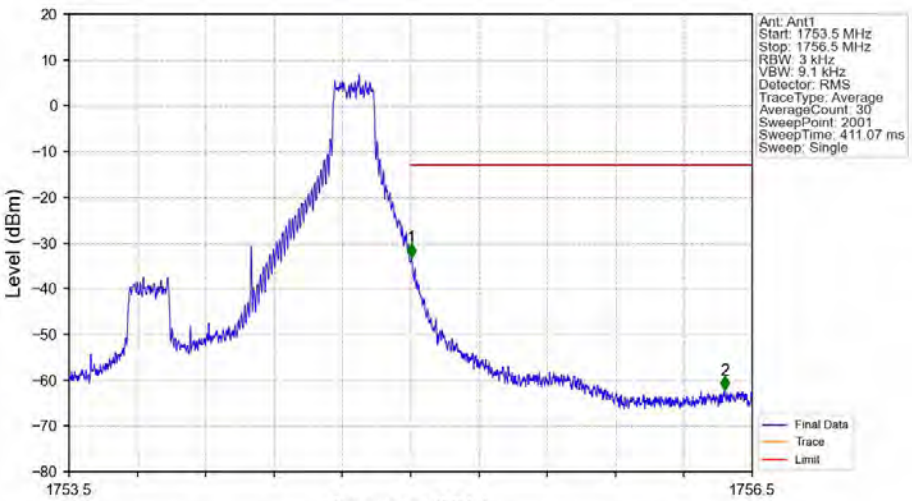
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

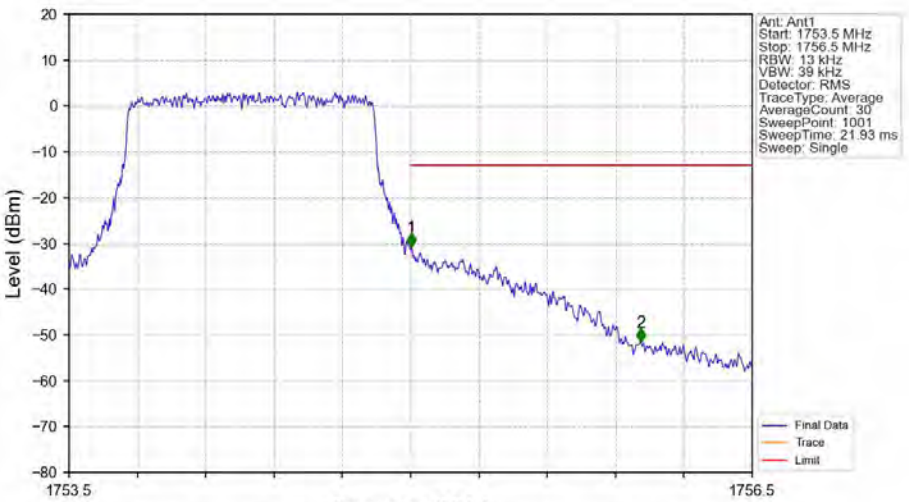


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-33.20	-13	Pass
1756	1756.5	1	/	2	1756.379	-62.26	-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
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.003	-30.79	-13	Pass
1756	1756.5	1	/	2	1756.011	-51.59	-13	Pass

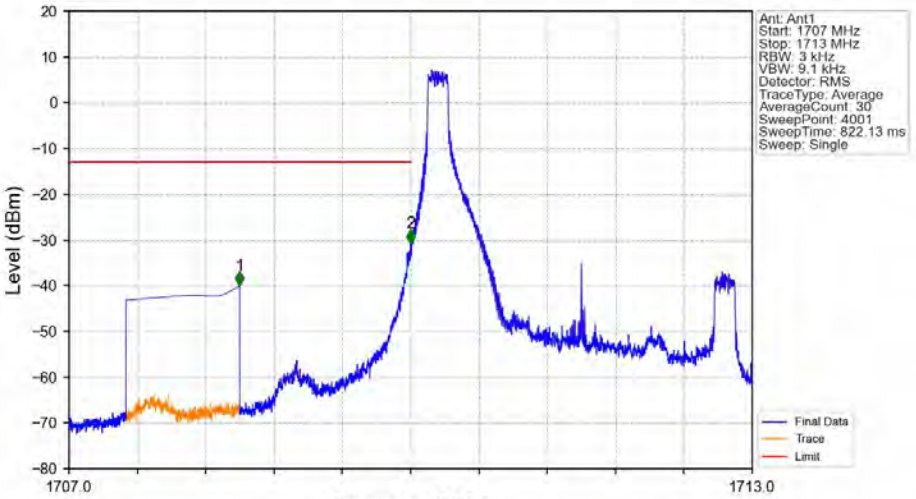
6.2 B4_3MHz

6.2.1 Test Result

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

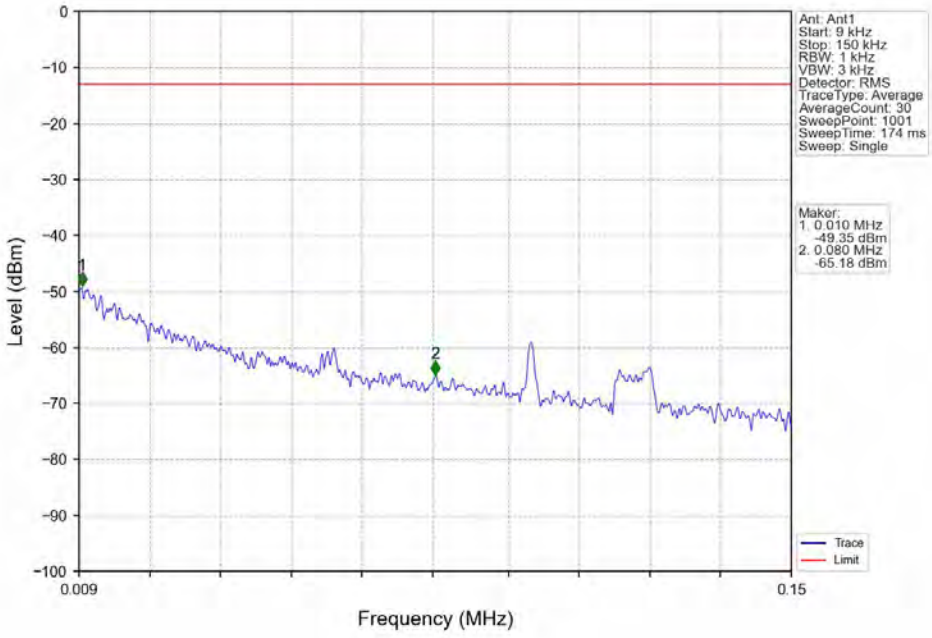
6.2.2 Test Graph

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

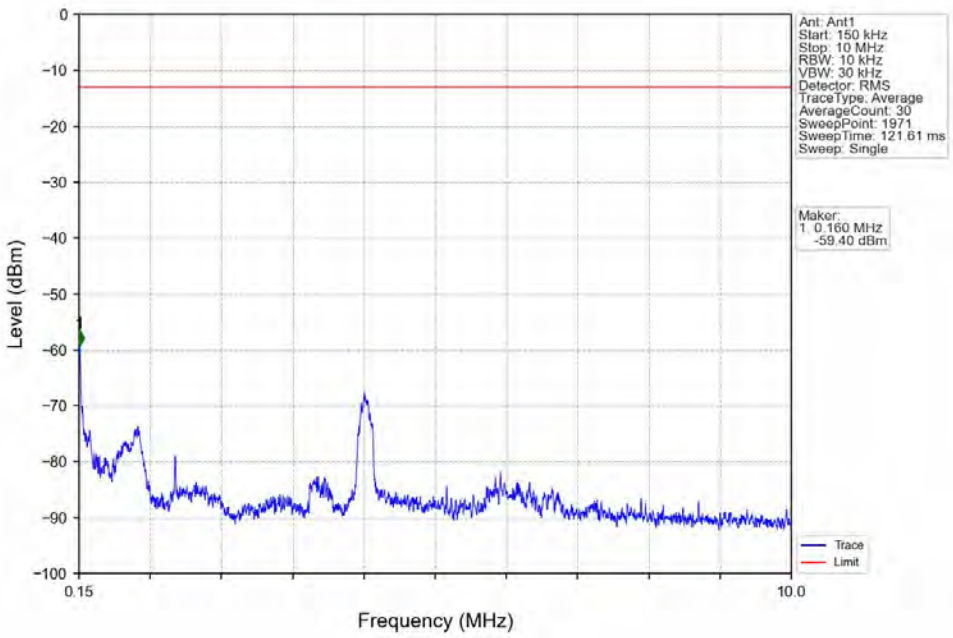


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-39.99	-13	Pass
1709	1710	0.003	/	2	1710.000	-30.73	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

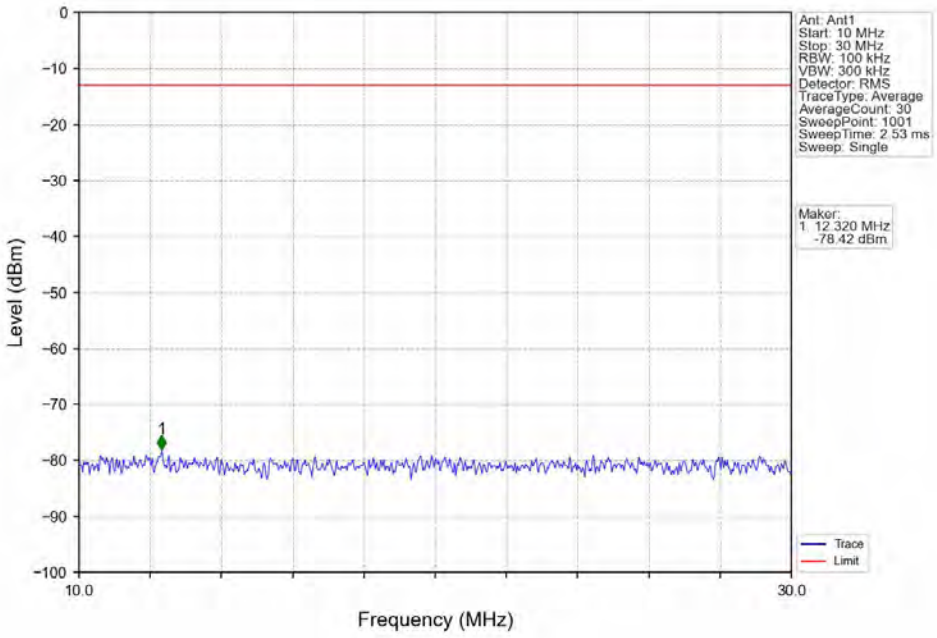
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



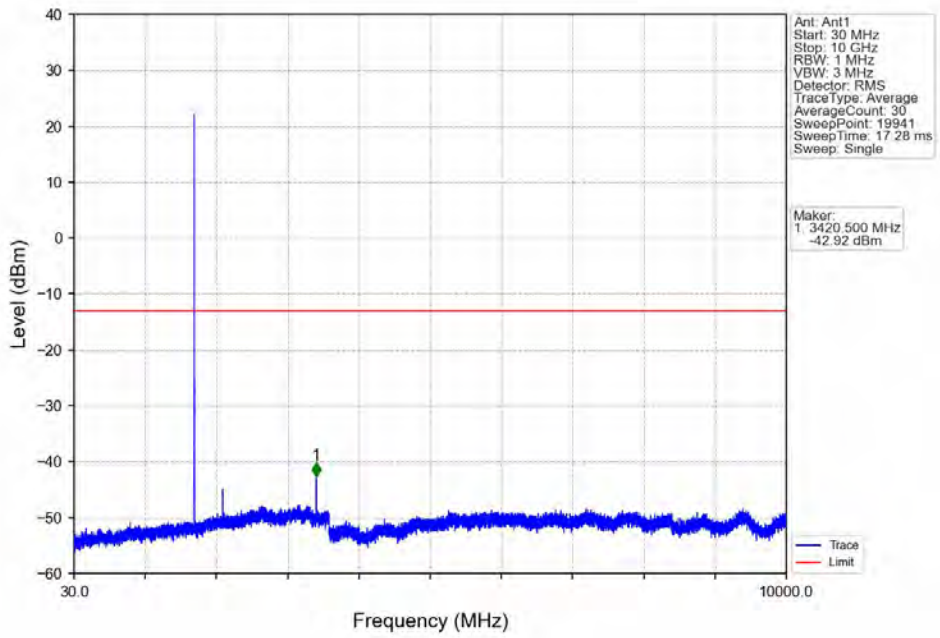
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



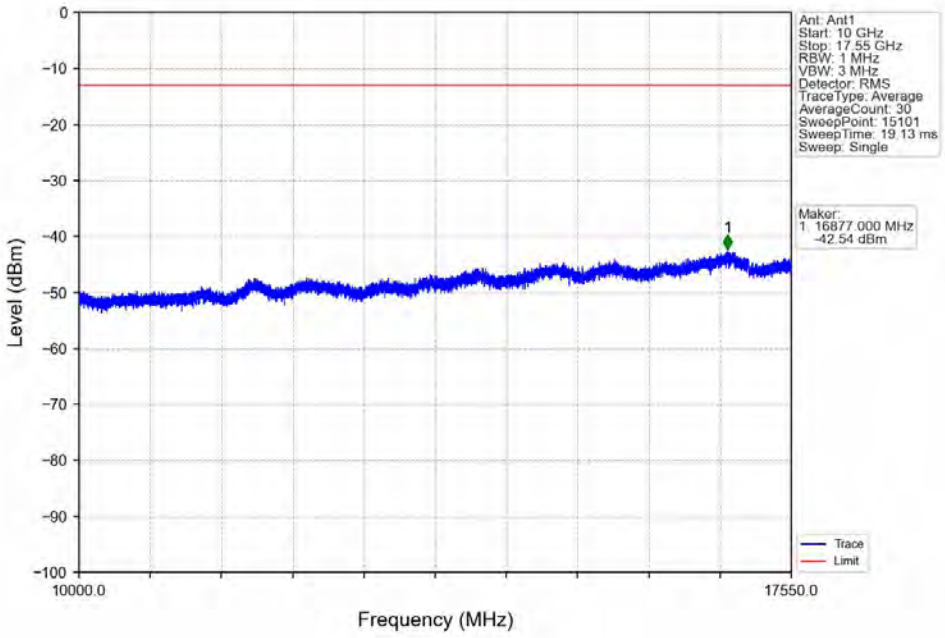
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



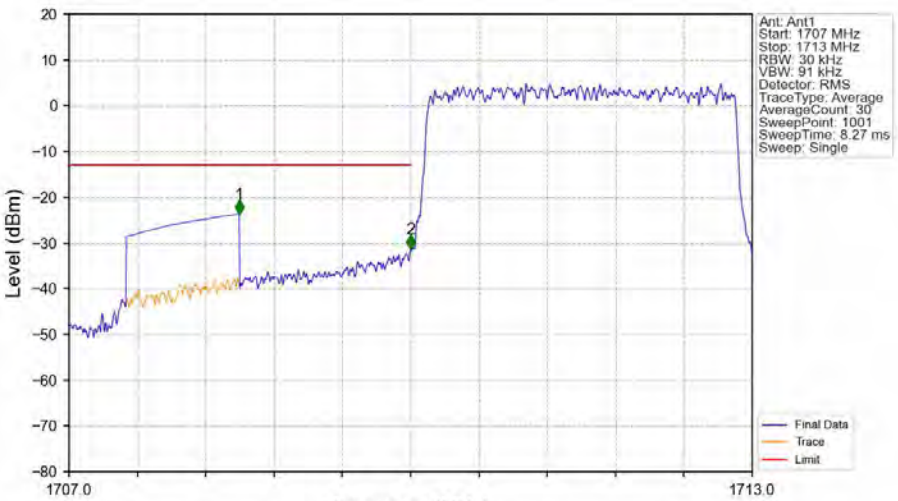
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

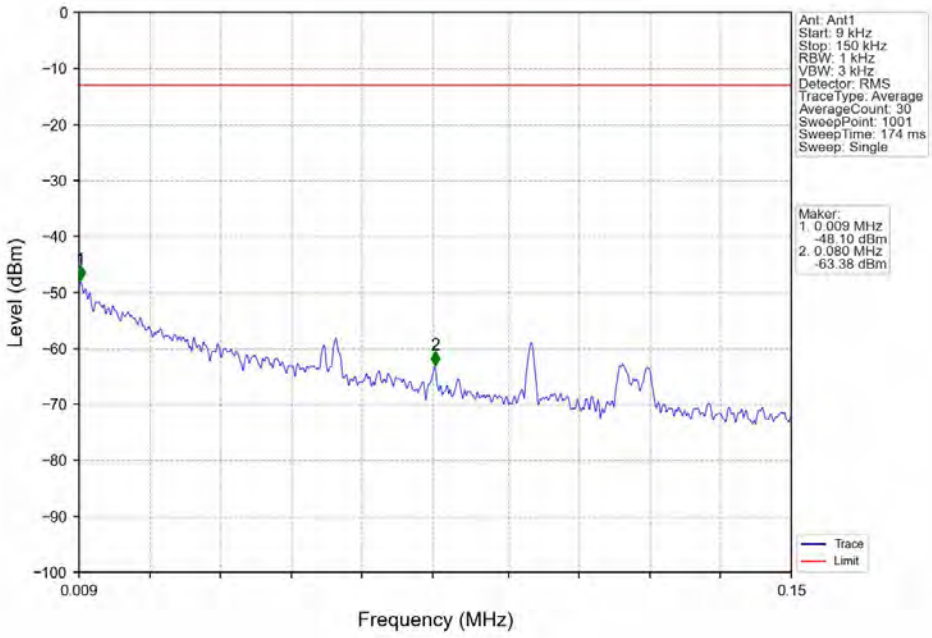


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

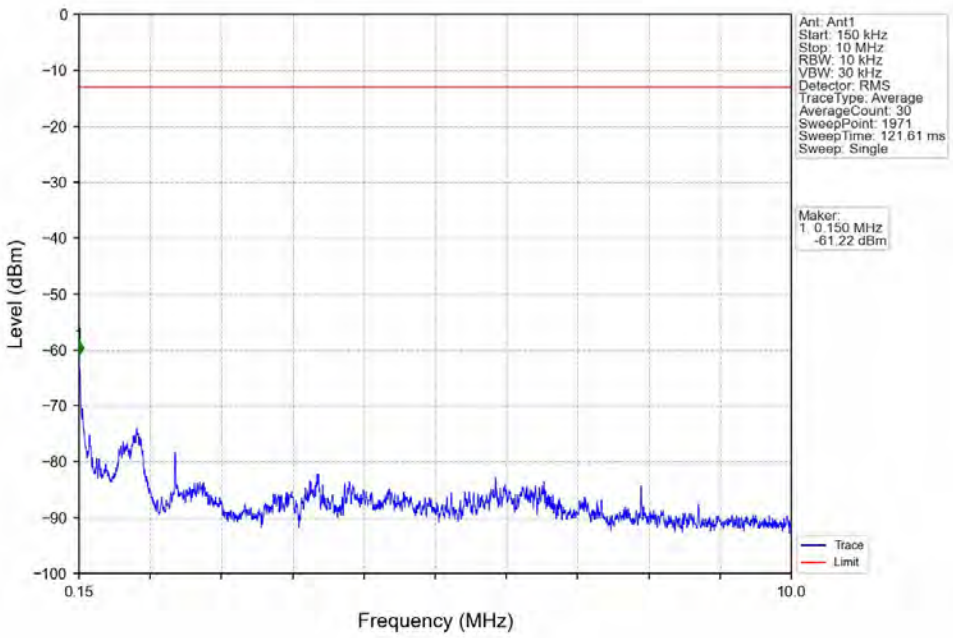


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-23.72	-13	Pass
1709	1710	0.03	/	2	1710.000	-31.30	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

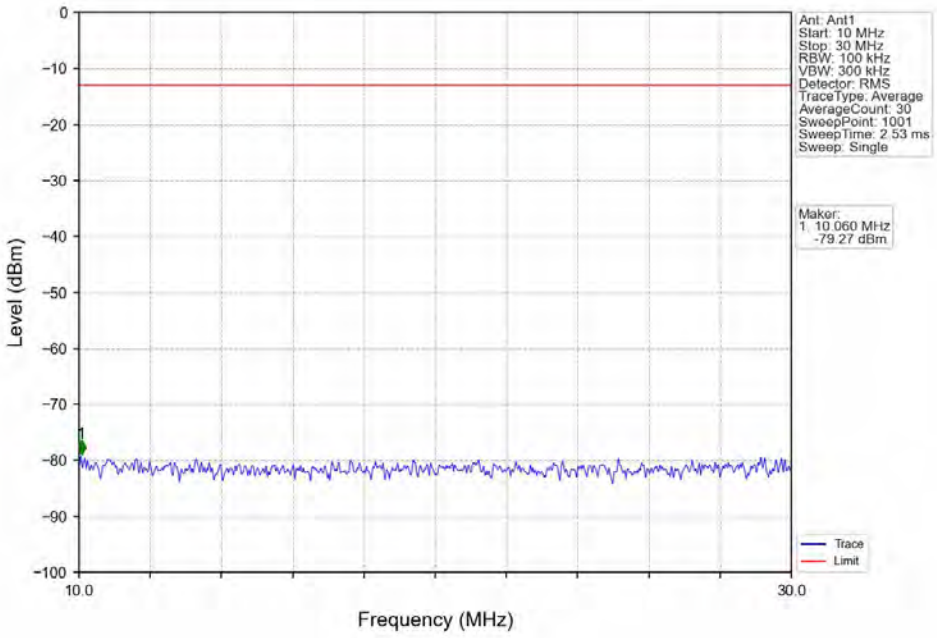
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



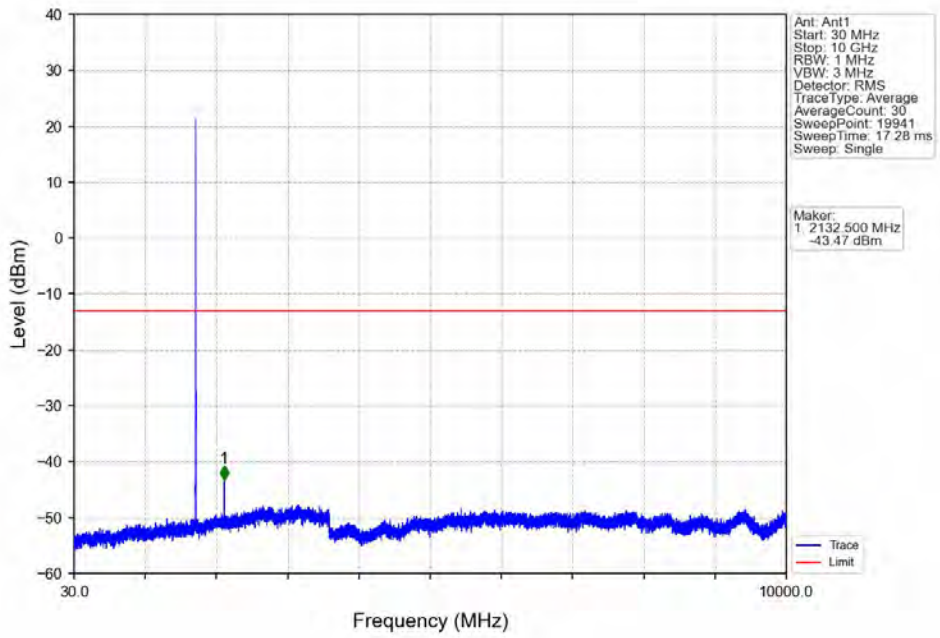
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



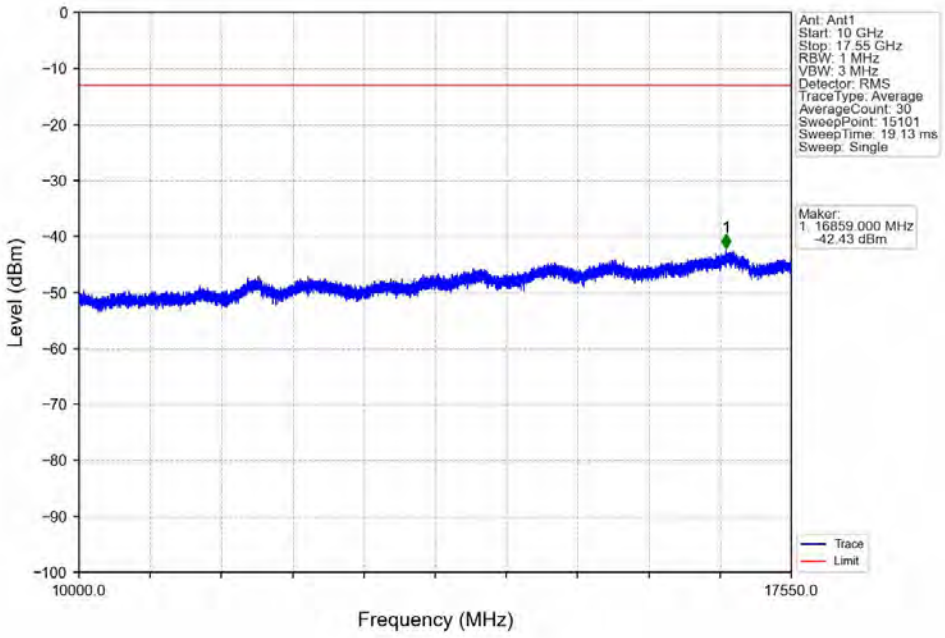
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



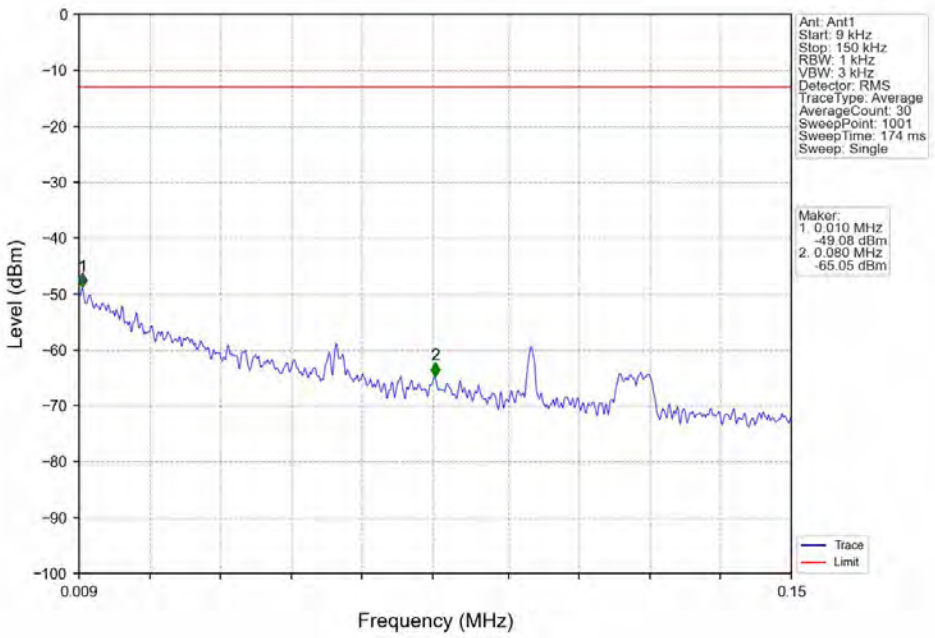
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



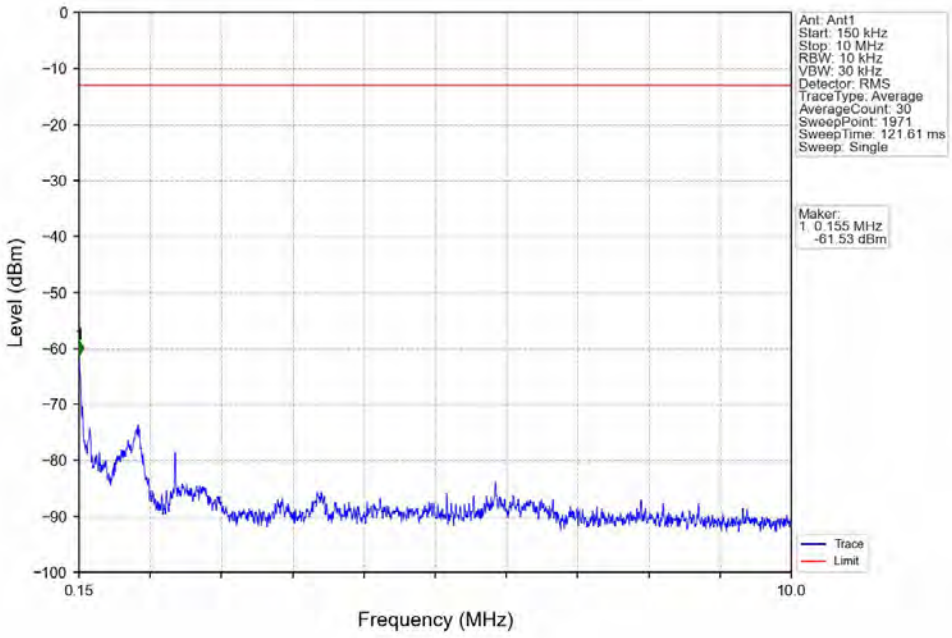
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



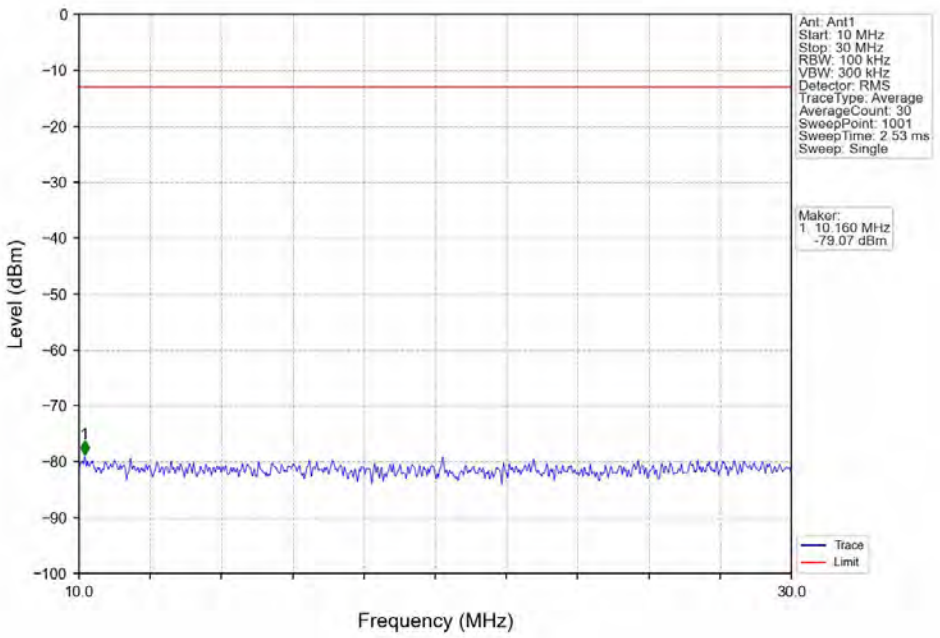
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



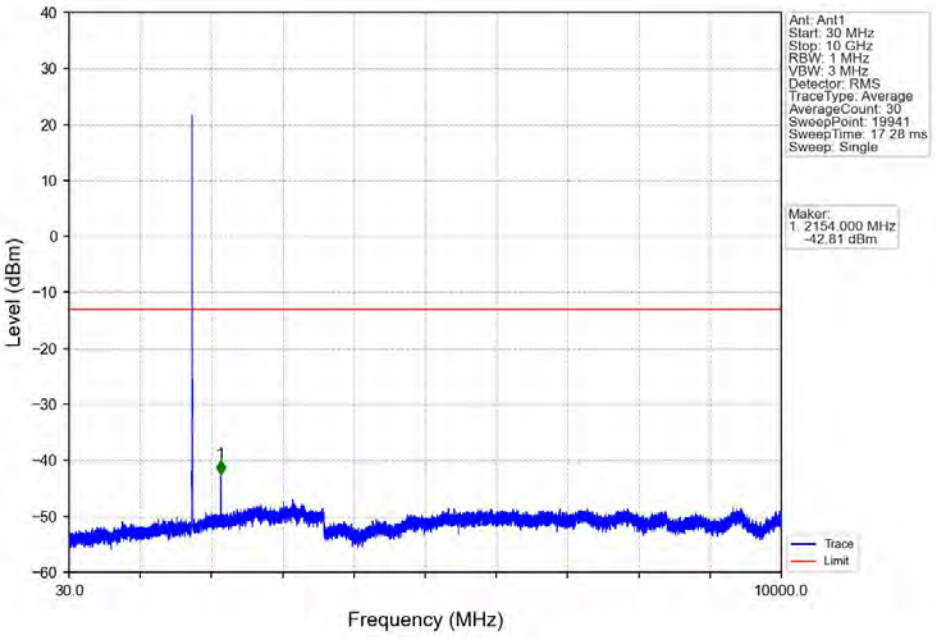
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



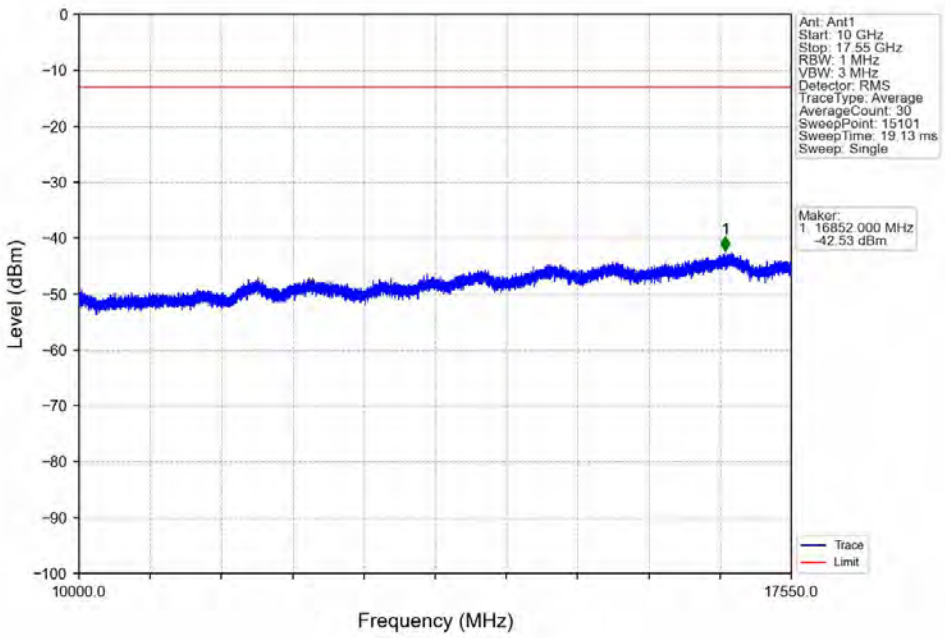
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



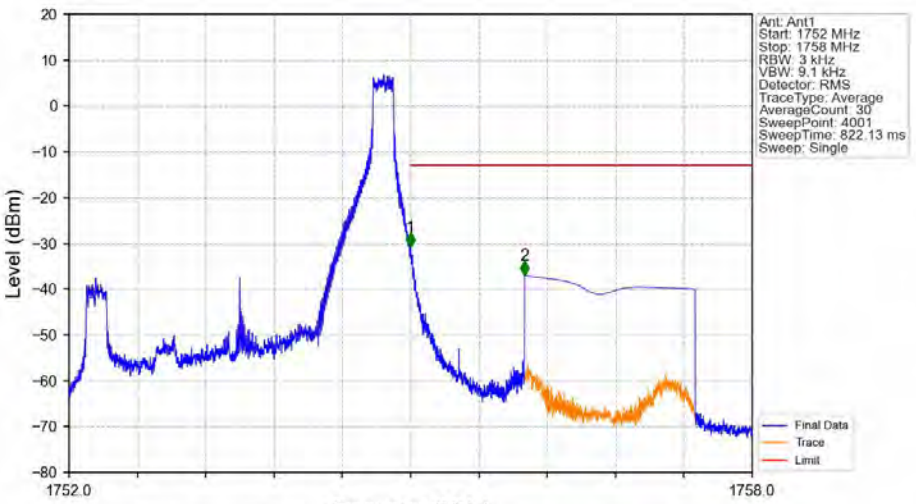
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

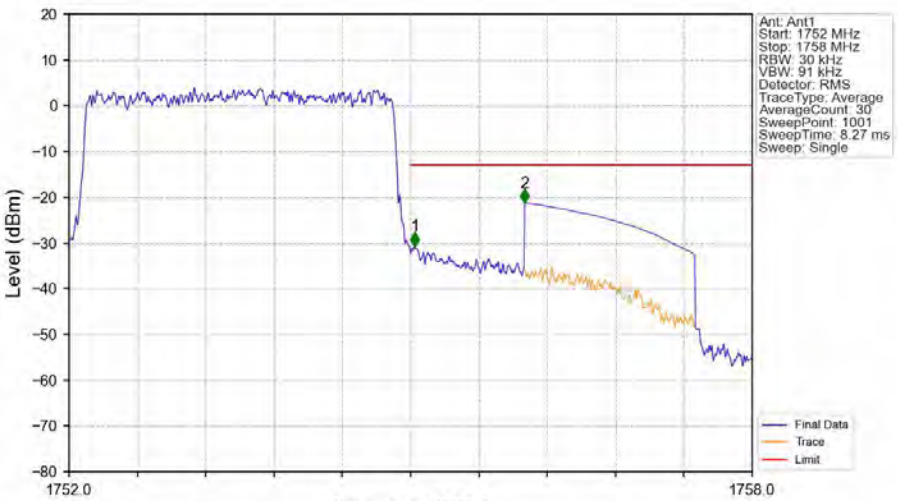


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



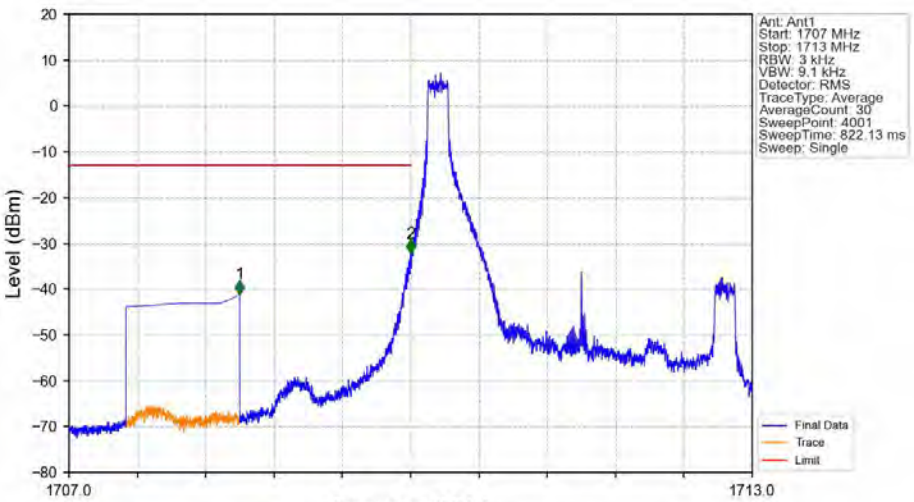
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-30.82	-13	Pass
1756	1758	1	CHP	2	1756.001	-36.99	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



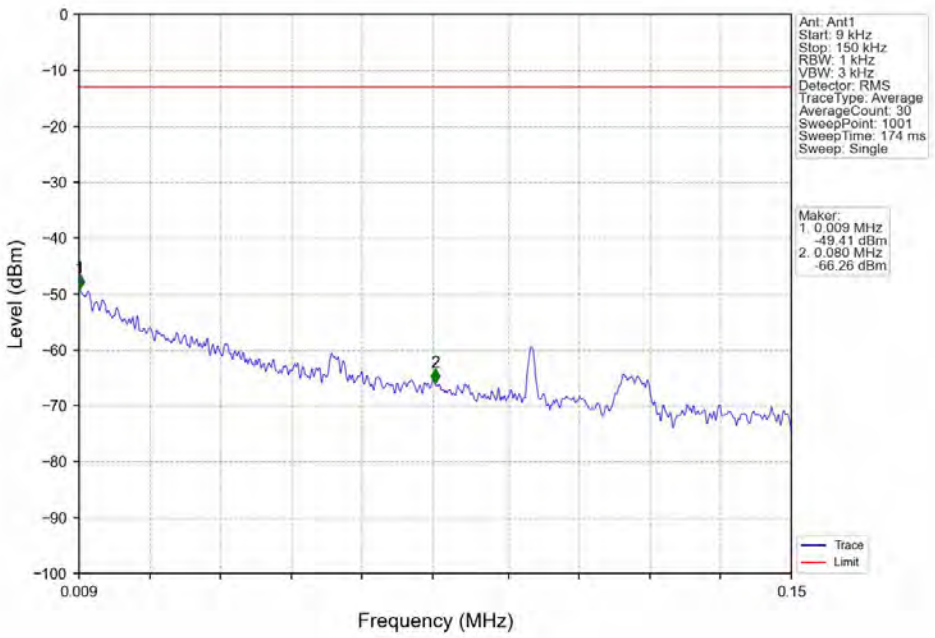
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.036	-30.71	-13	Pass
1756	1758	1	CHP	2	1756.002	-21.27	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

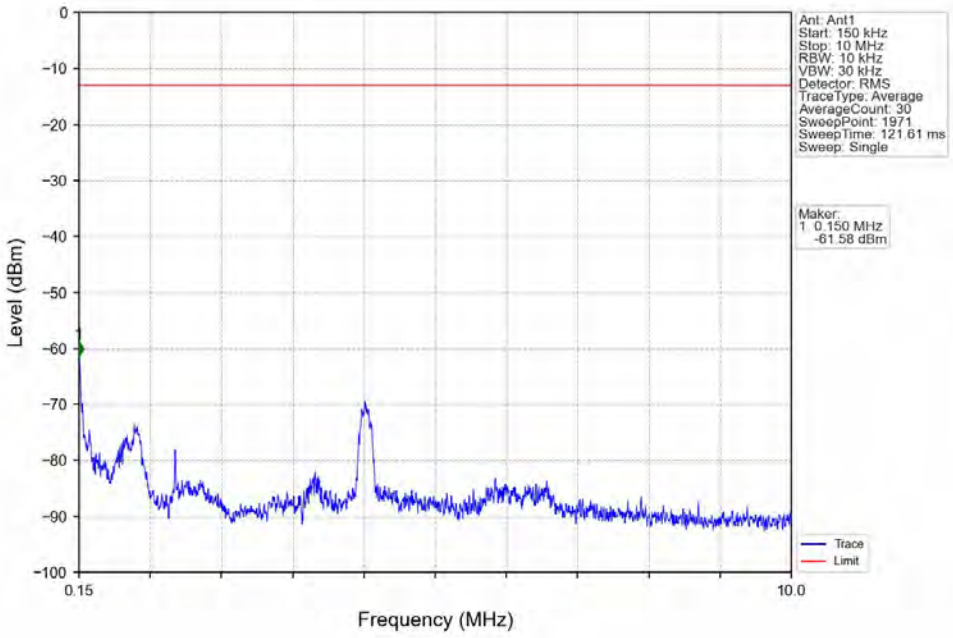


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-41.12	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.18	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

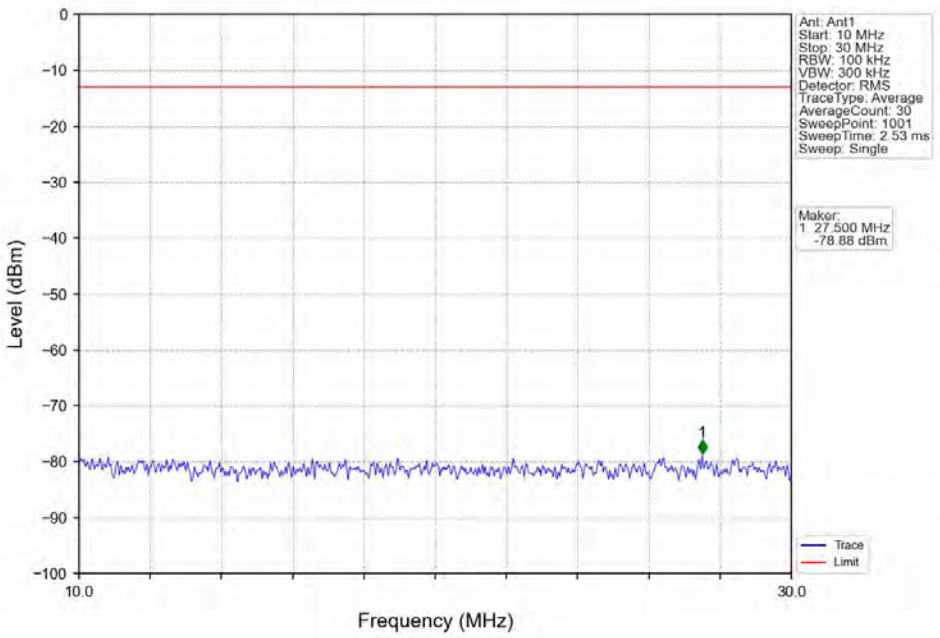
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



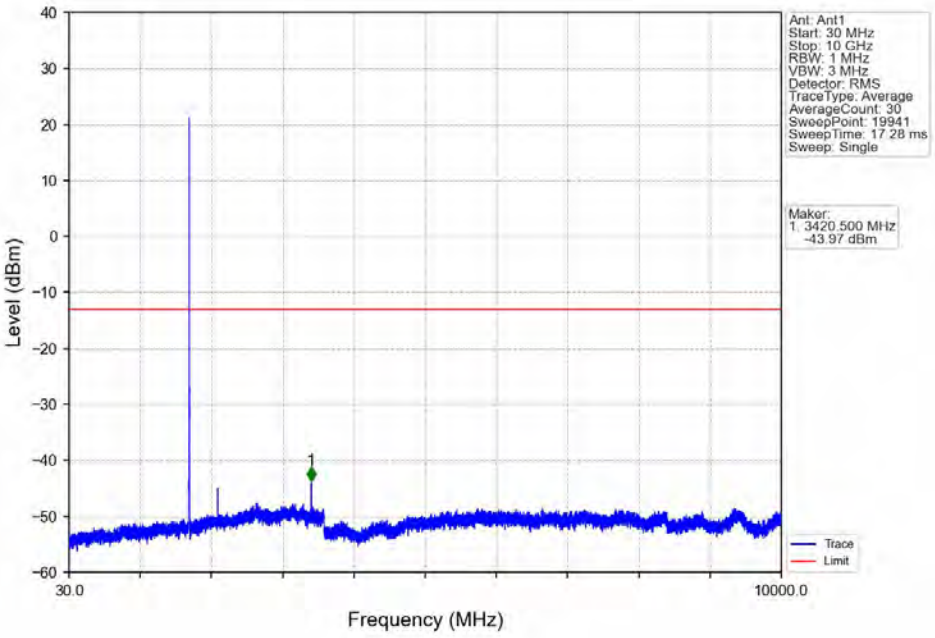
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



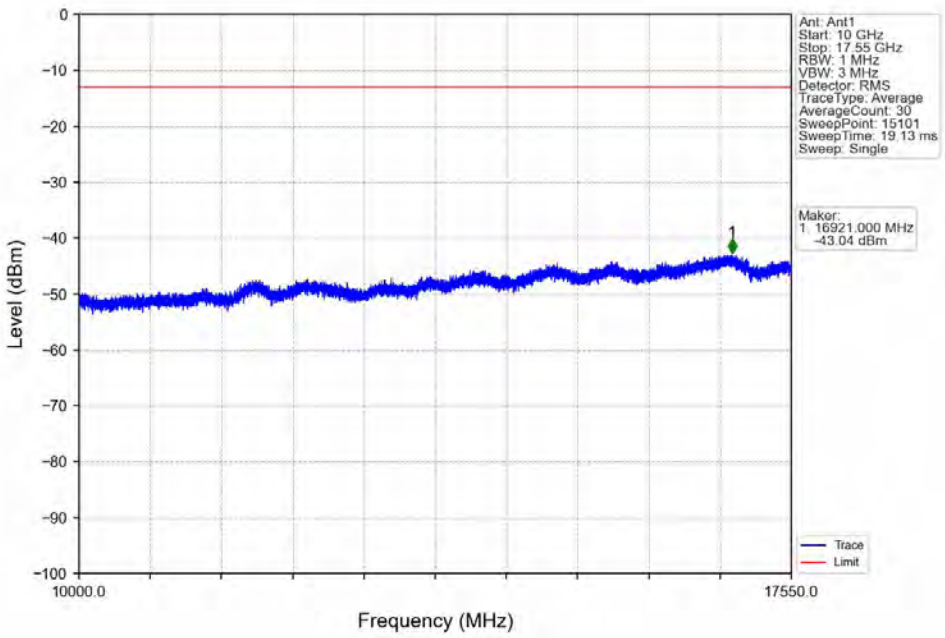
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



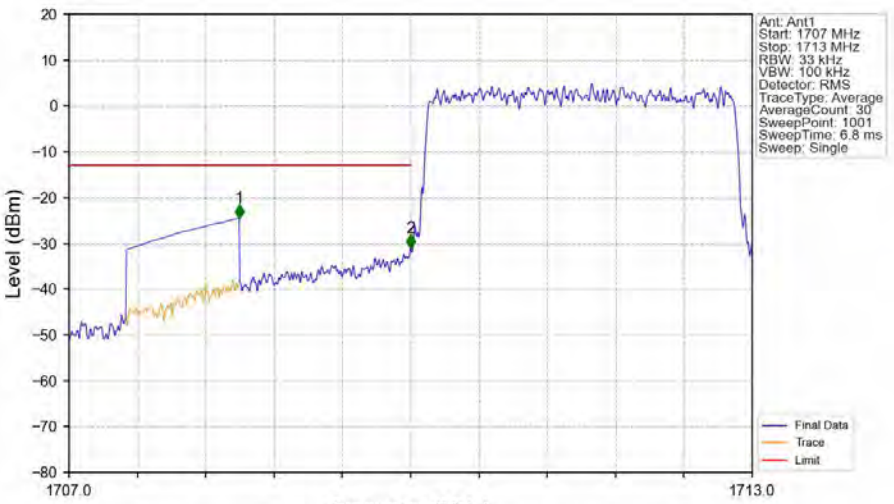
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

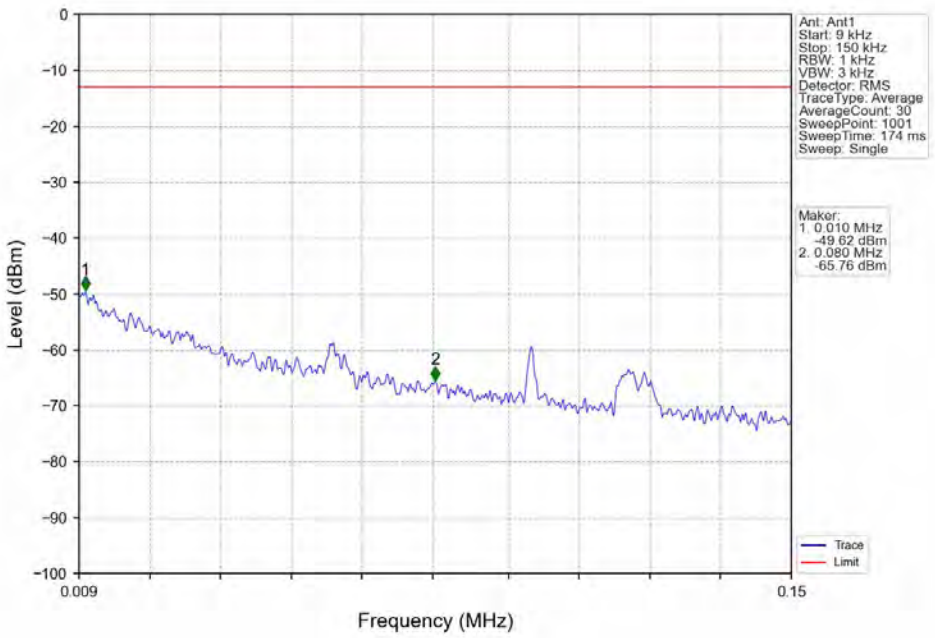


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

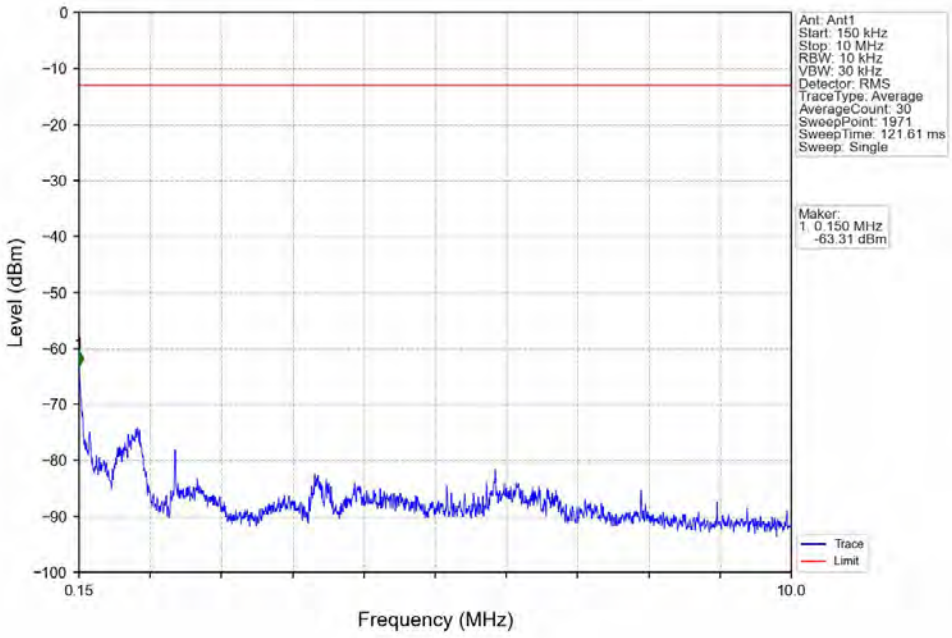


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-24.55	-13	Pass
1709	1710	0.033	/	2	1710.000	-31.06	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

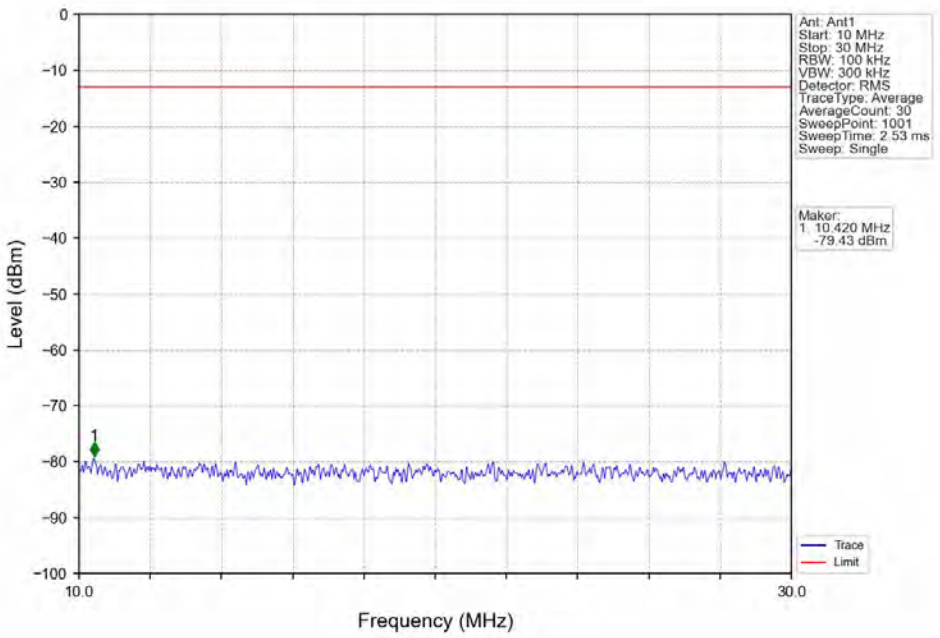
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



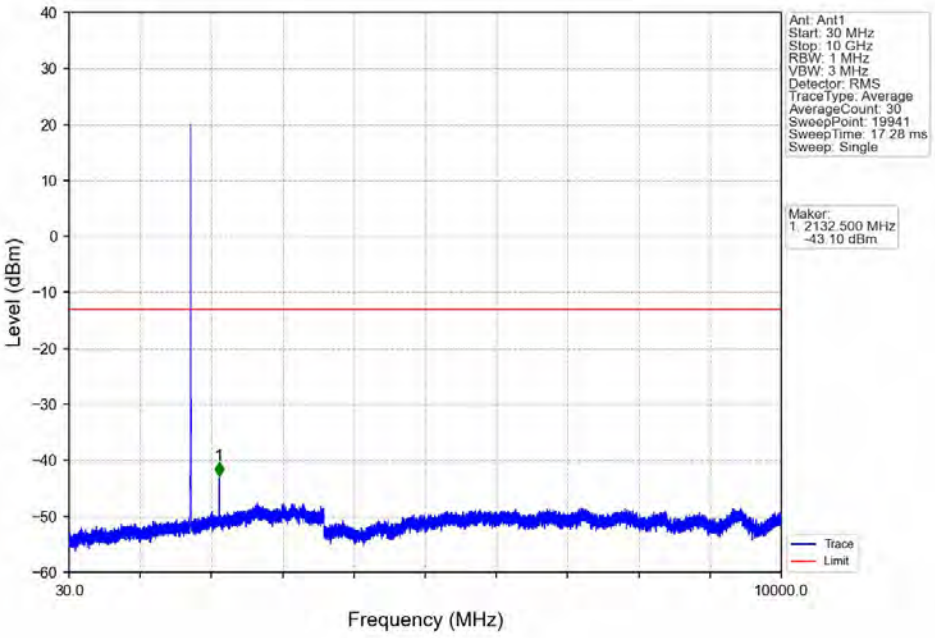
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



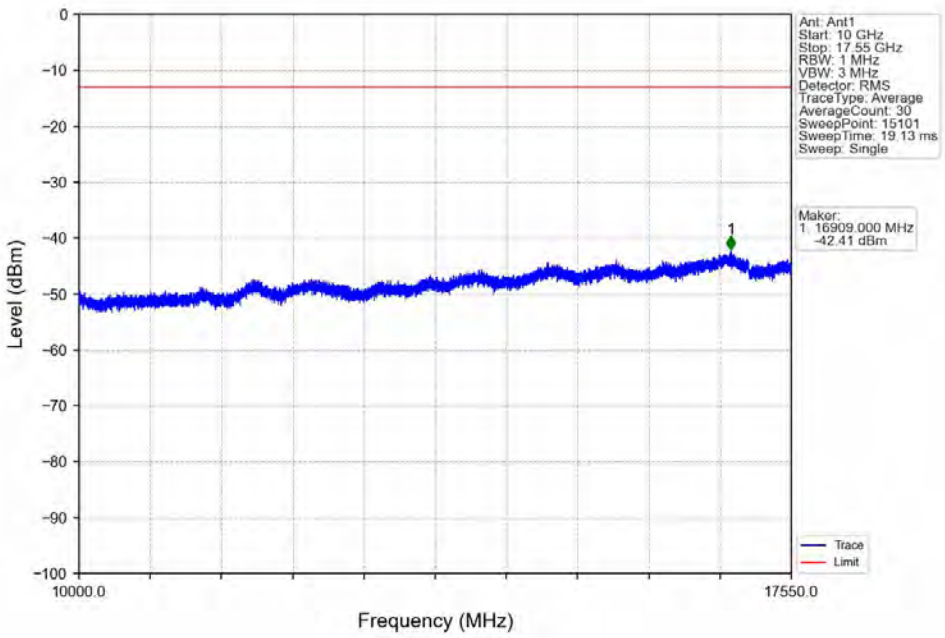
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



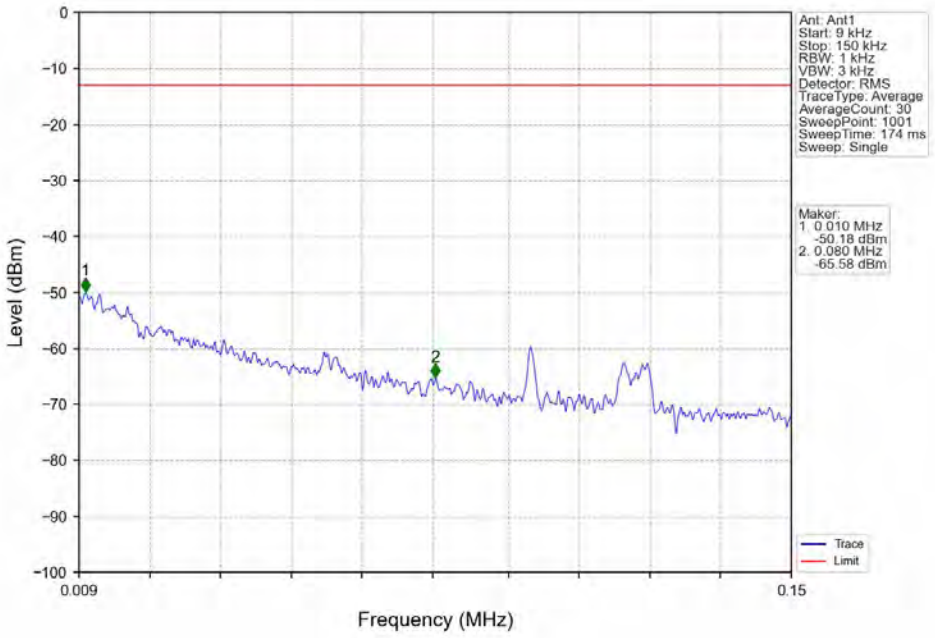
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



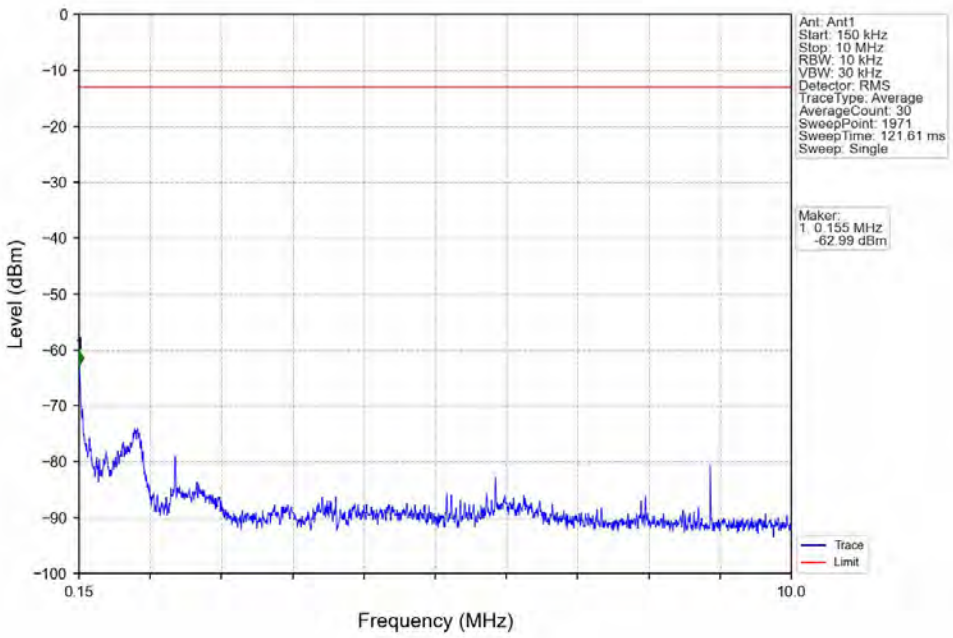
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



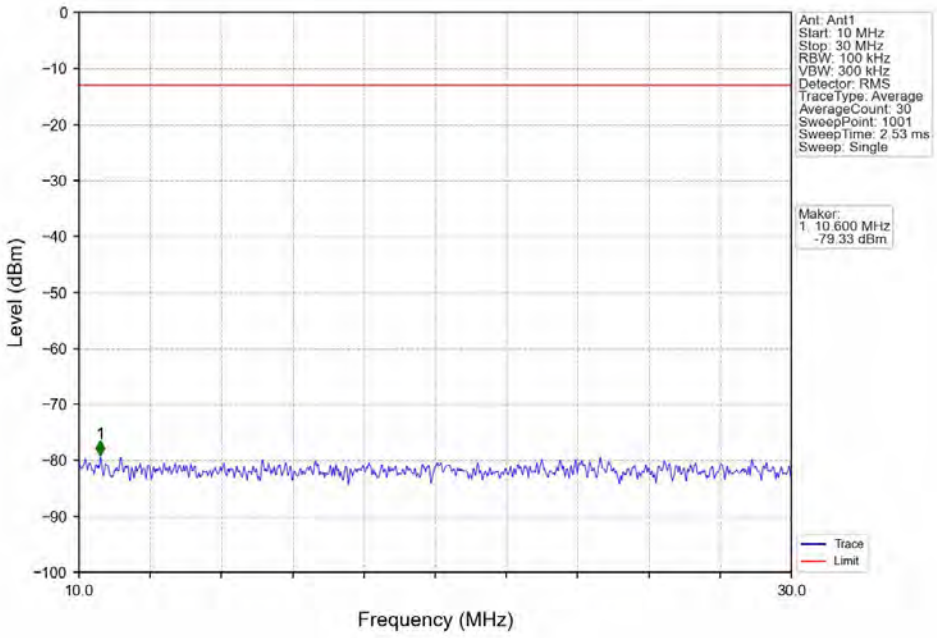
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



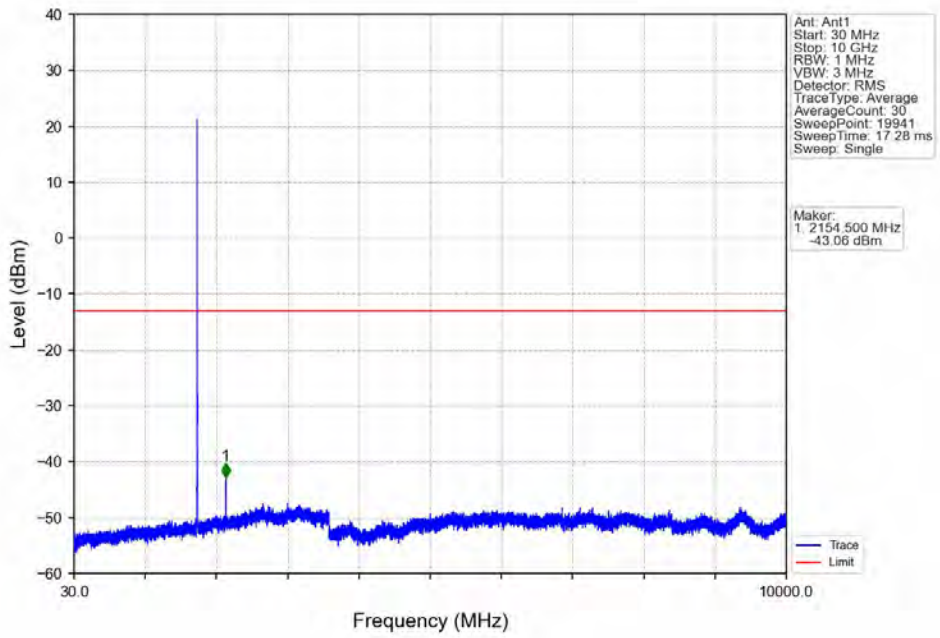
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



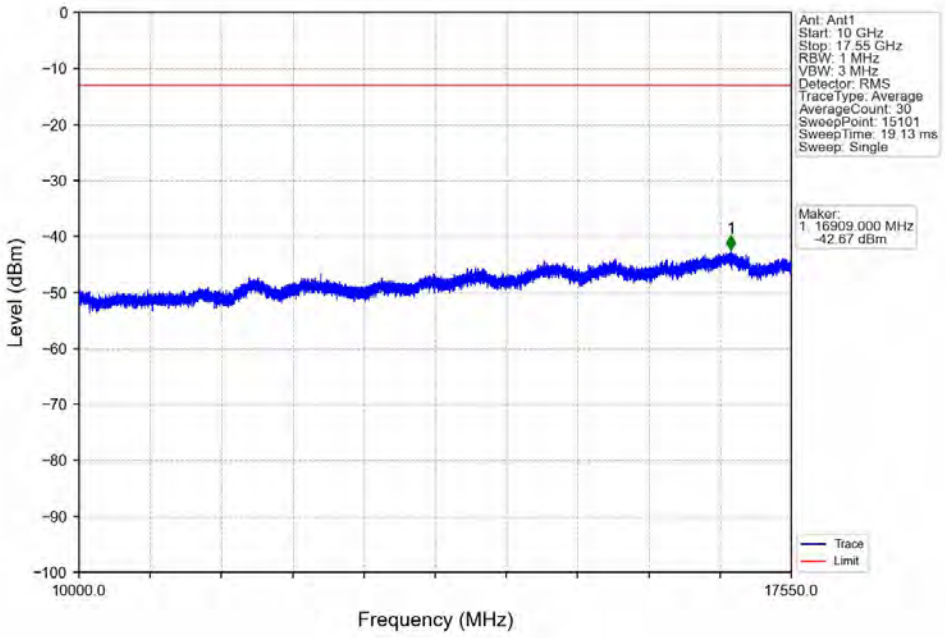
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



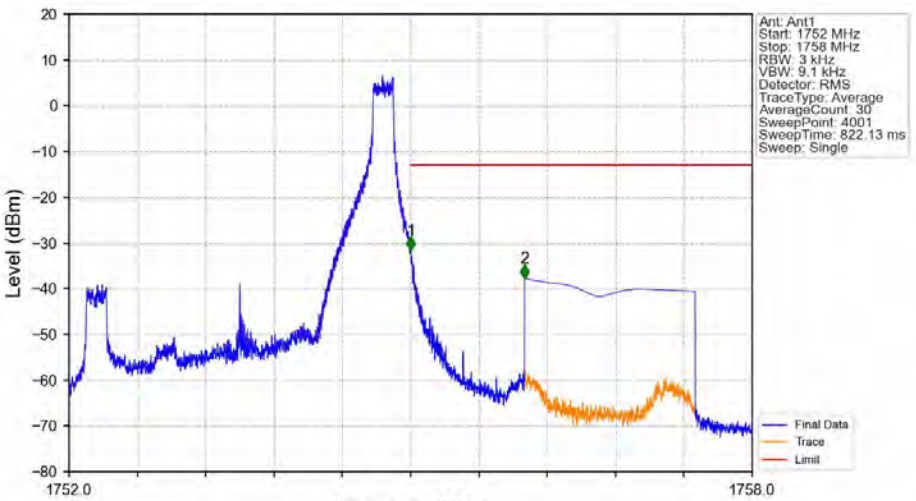
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

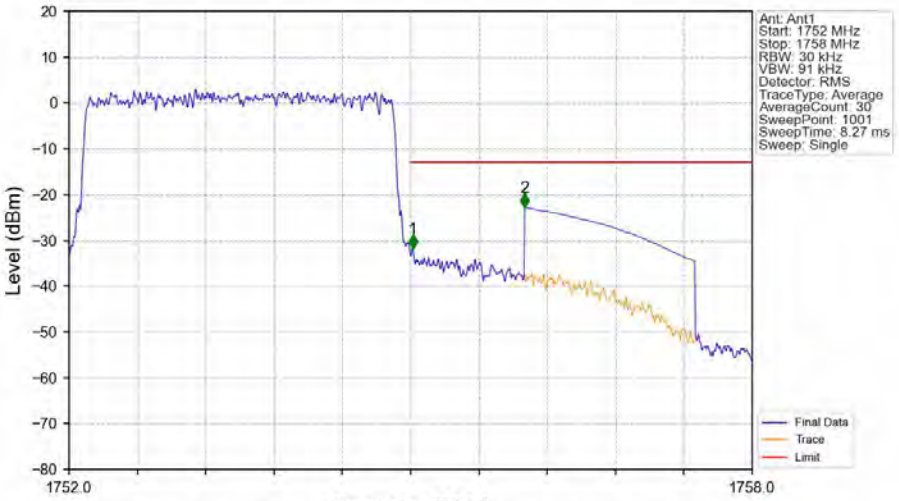


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



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	-31.62	-13	Pass
1756	1758	1	CHP	2	1756.001	-37.77	-13	Pass

Band4_3MHz_16QAM_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	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.018	-31.80	-13	Pass
1756	1758	1	CHP	2	1756.002	-22.84	-13	Pass

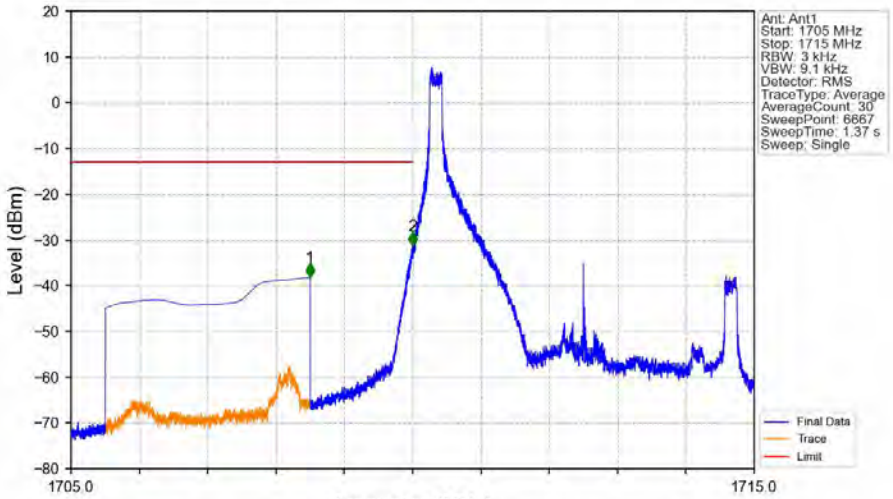
6.3 B4_5MHz

6.3.1 Test Result

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

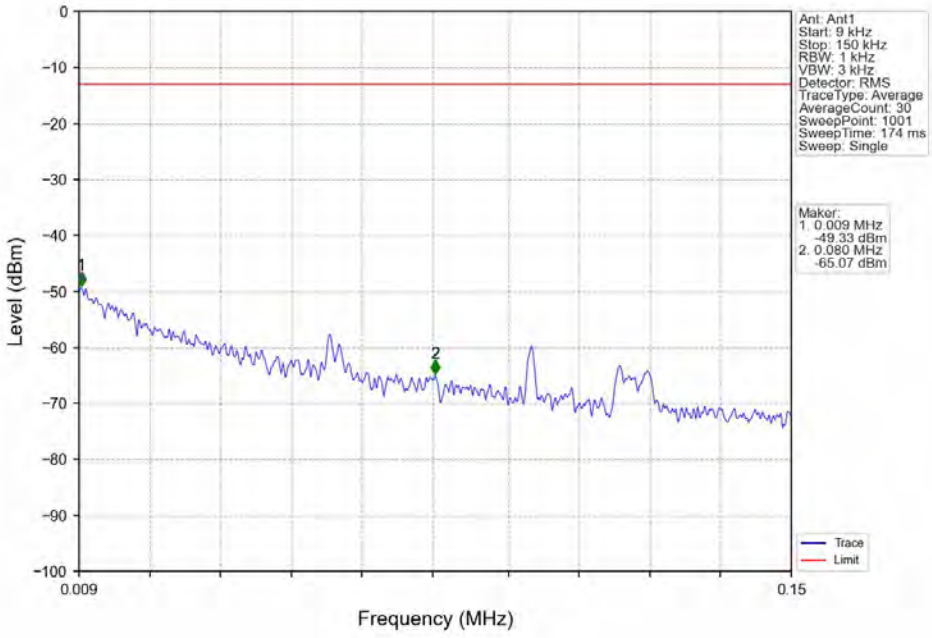
6.3.2 Test Graph

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

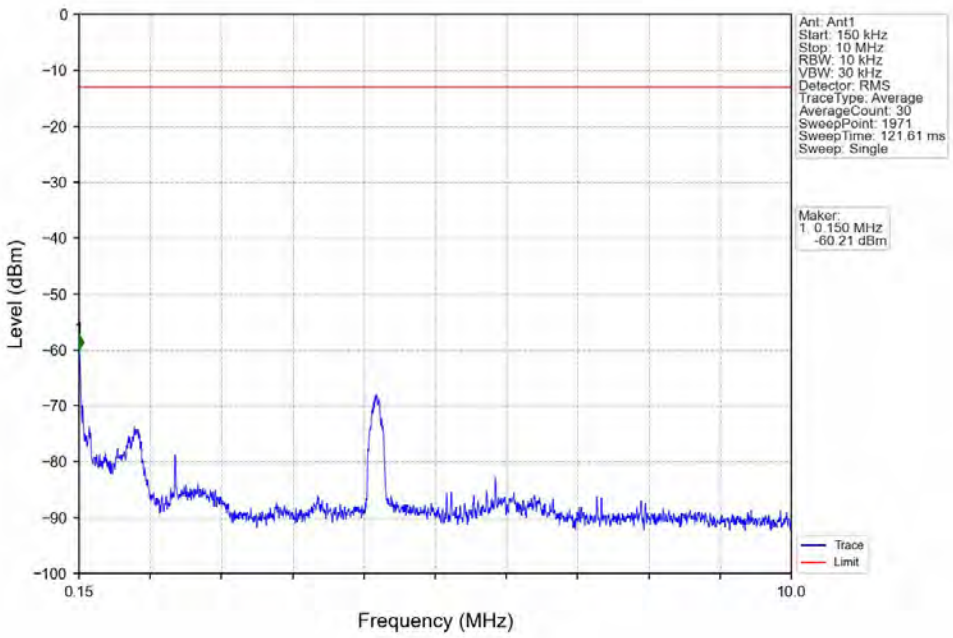


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-38.28	-13	Pass
1709	1710	0.003	/	2	1709.998	-31.34	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

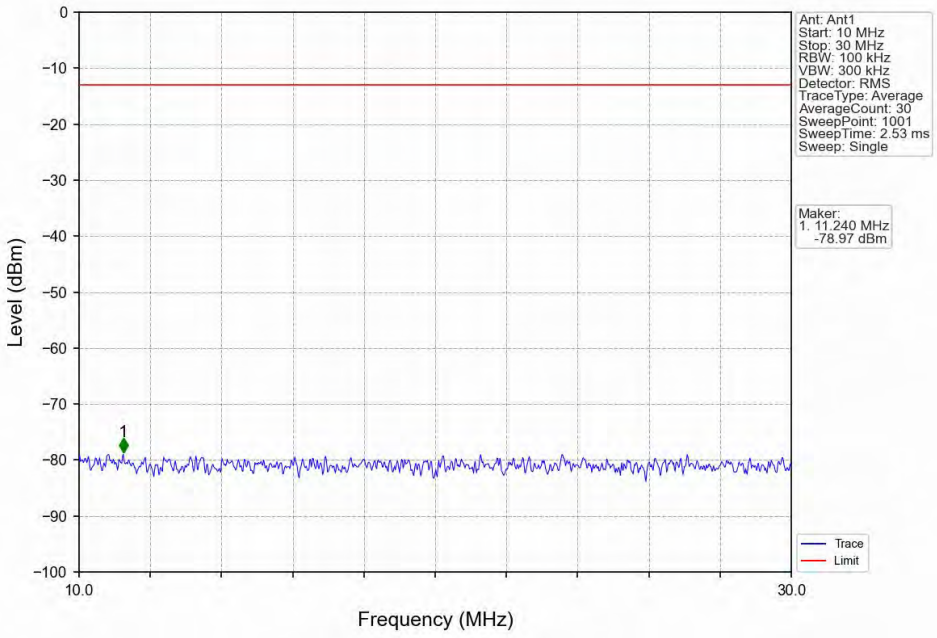
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



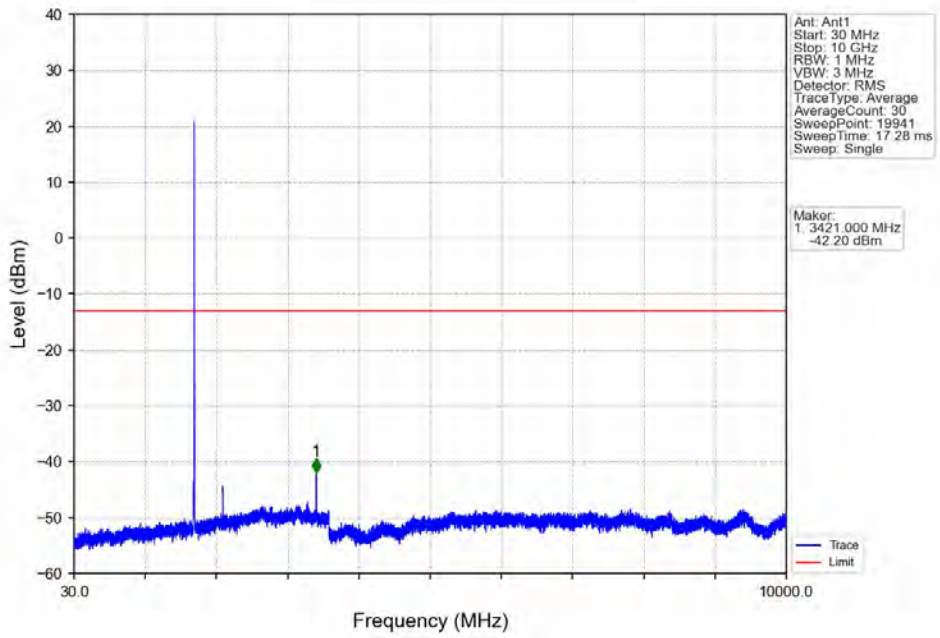
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



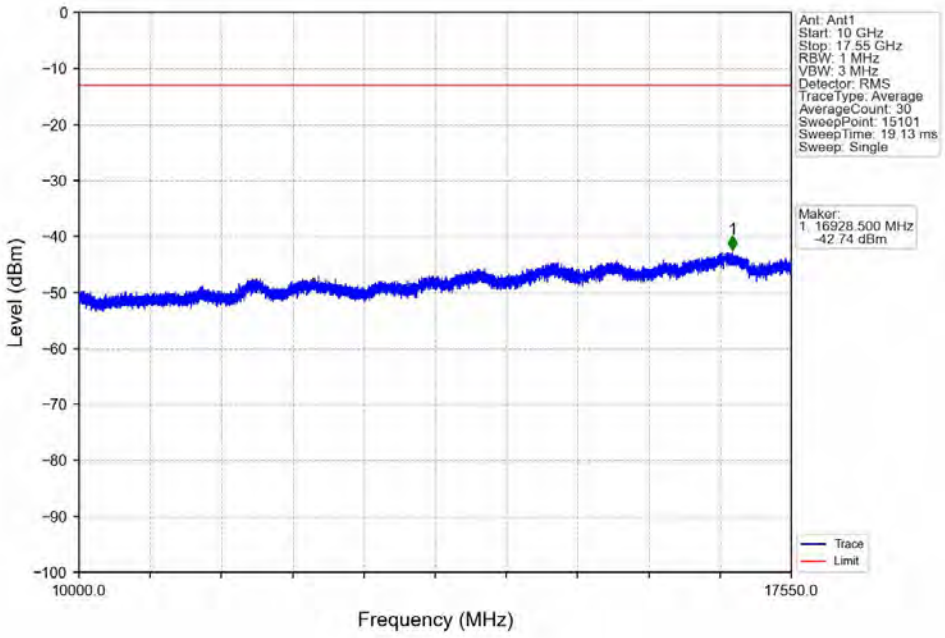
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



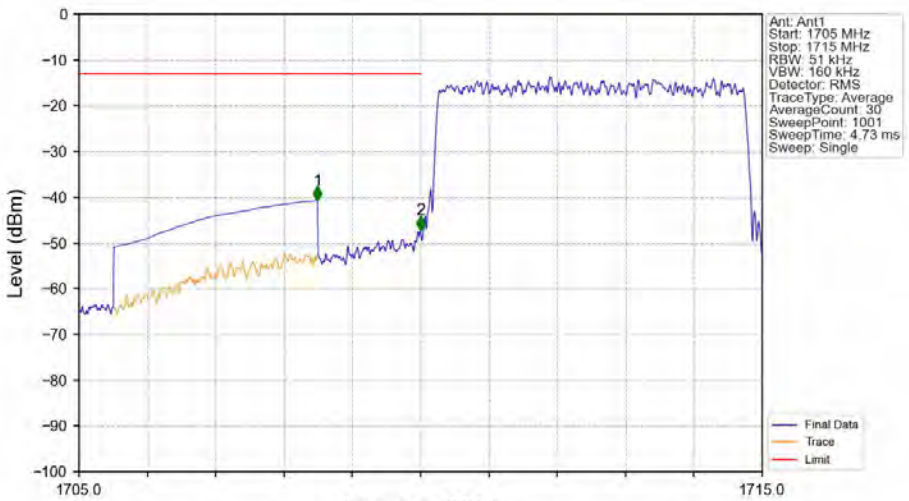
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

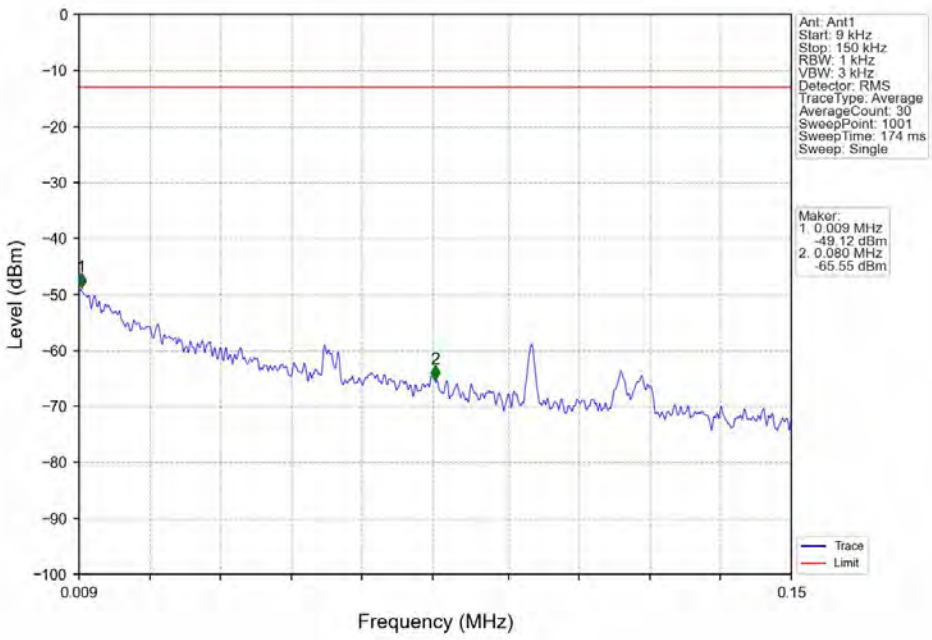


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

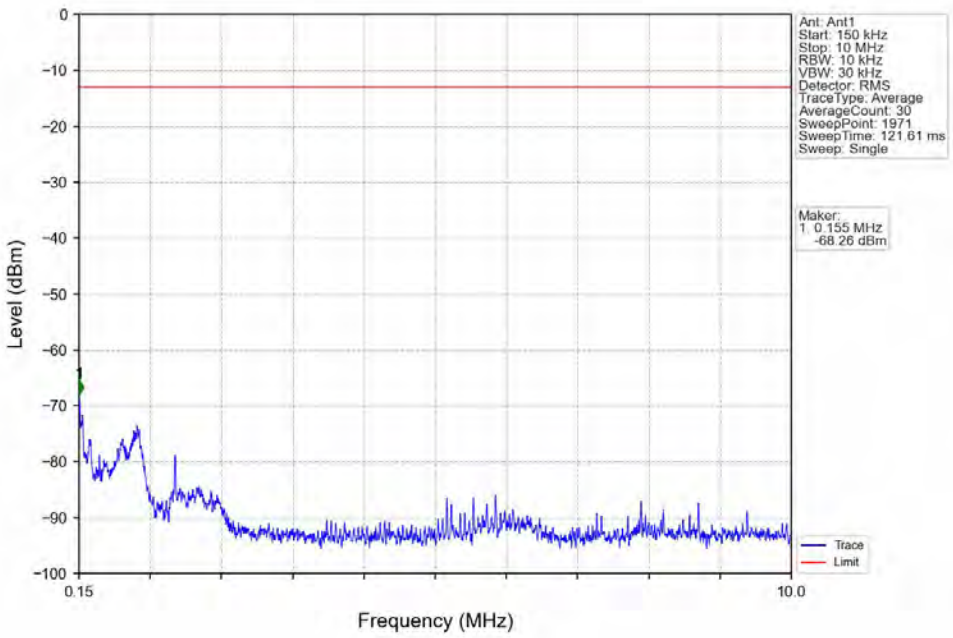


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-40.70	-13	Pass
1709	1710	0.051	/	2	1710.000	-47.17	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

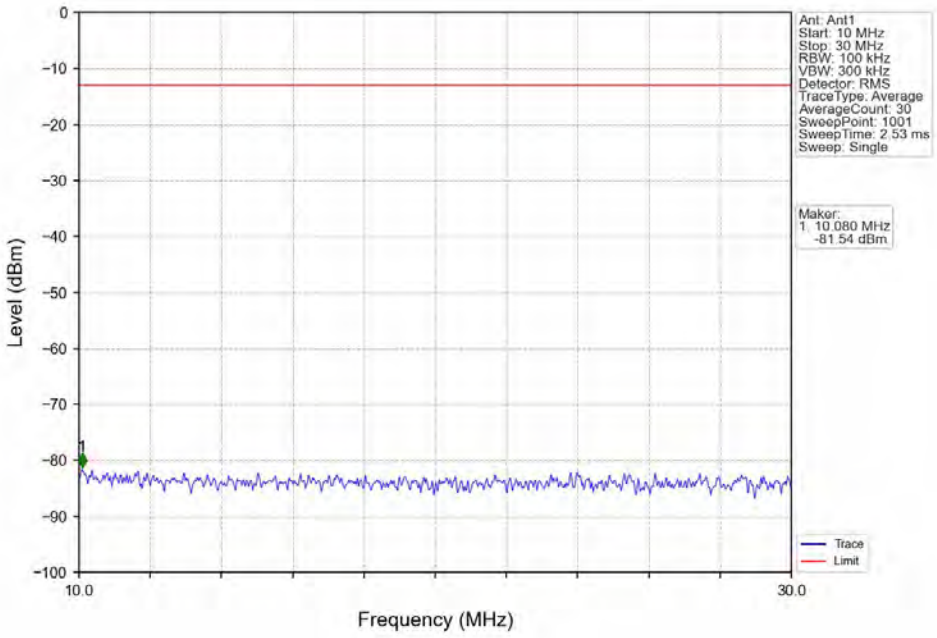
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



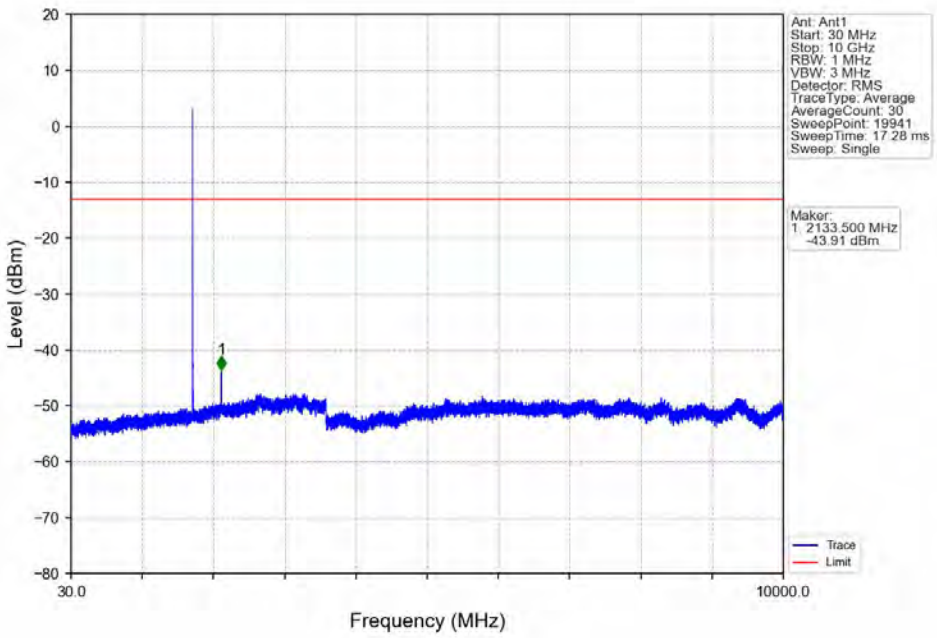
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



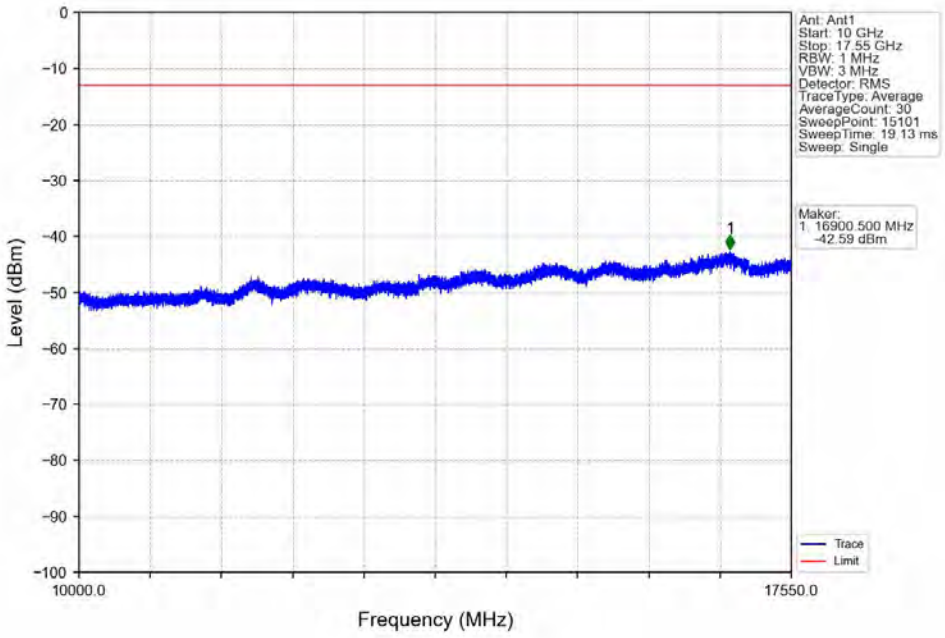
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



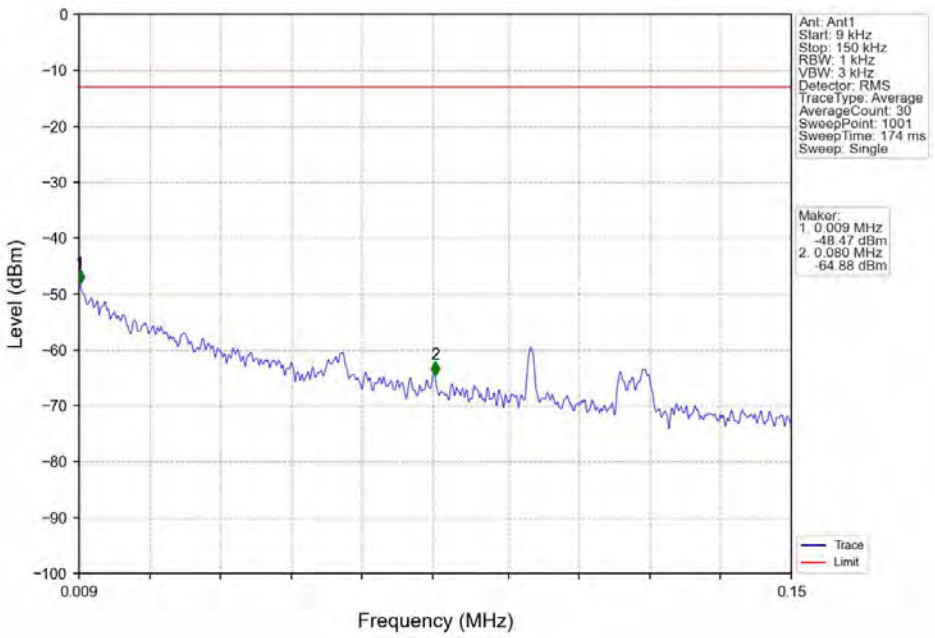
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



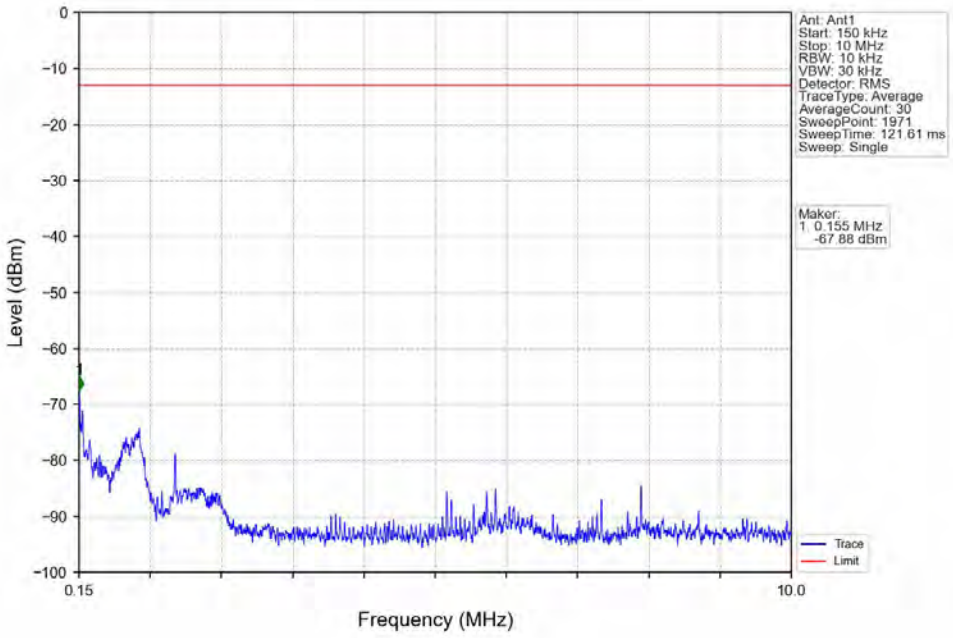
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



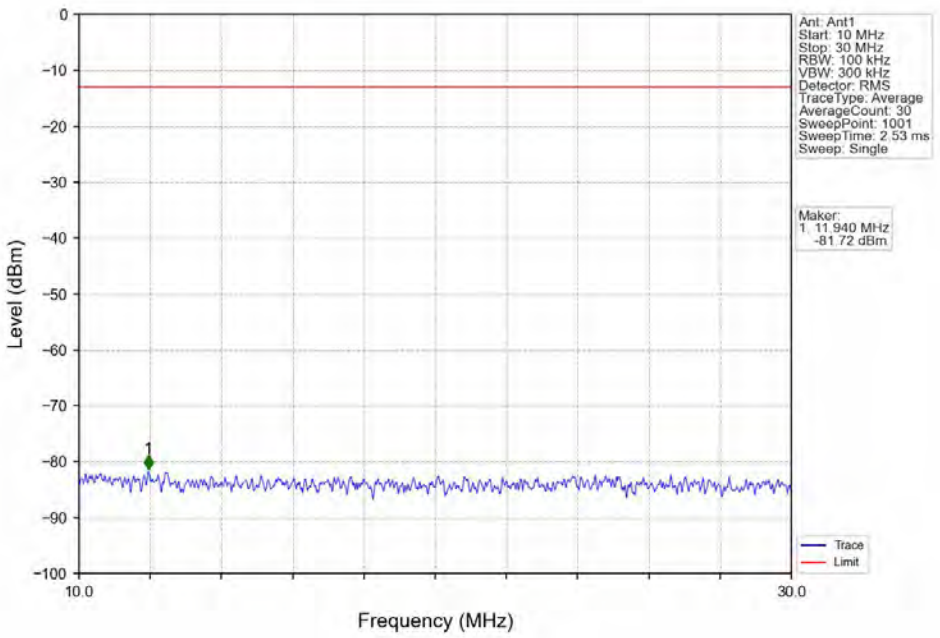
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



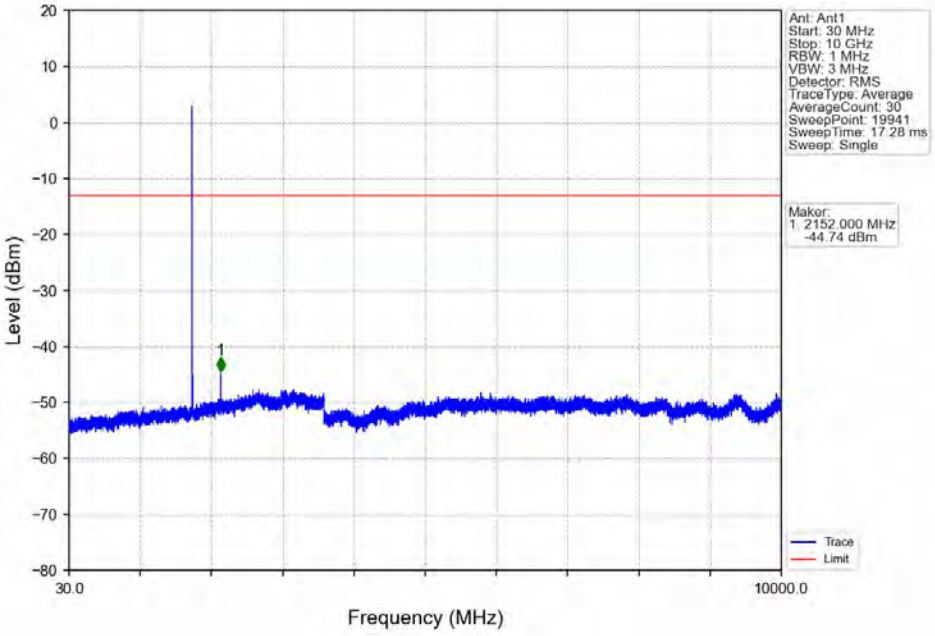
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



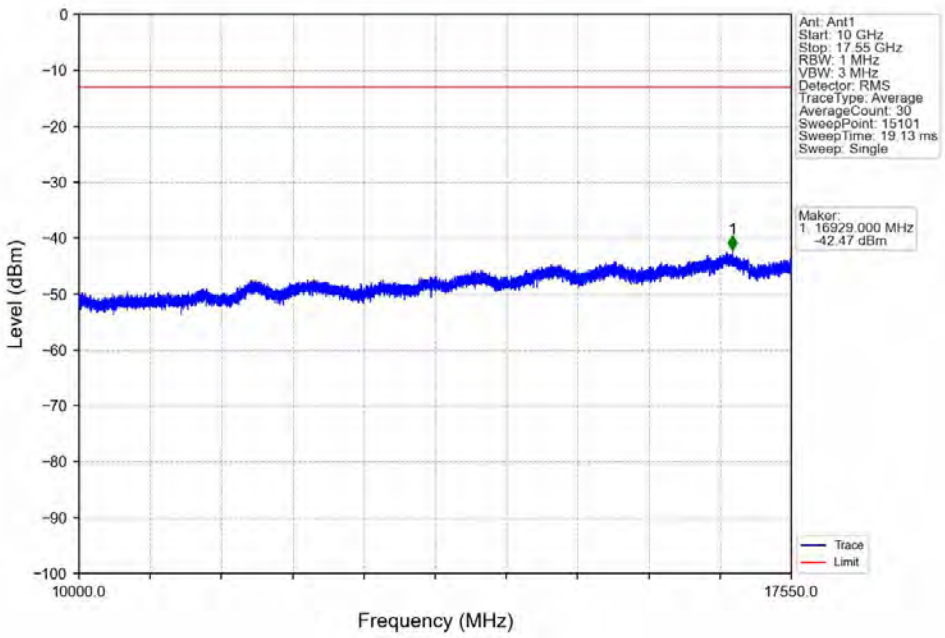
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



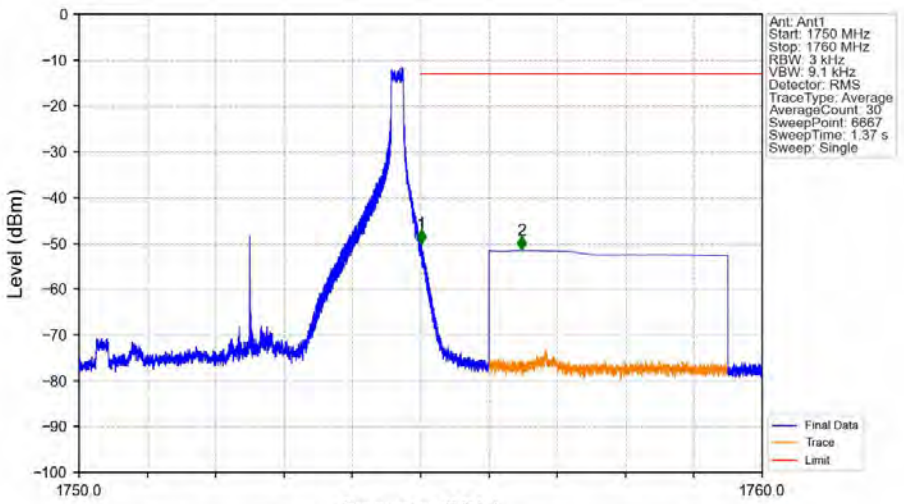
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

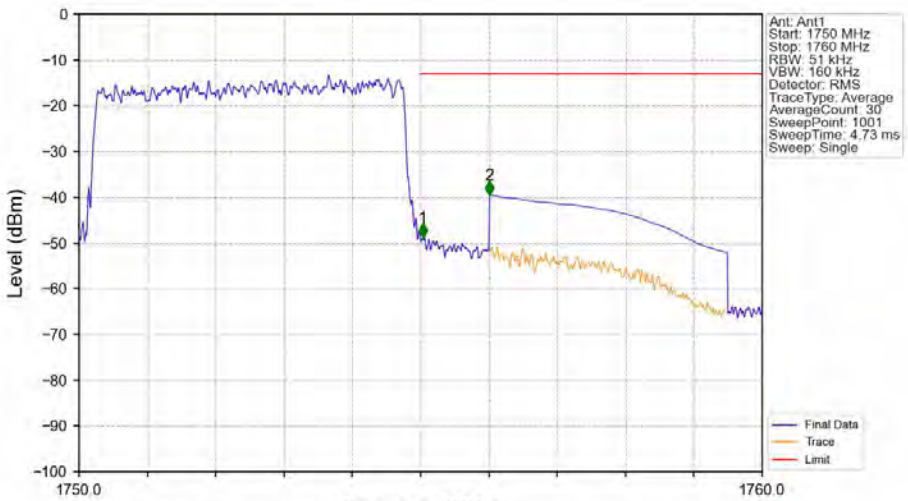


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



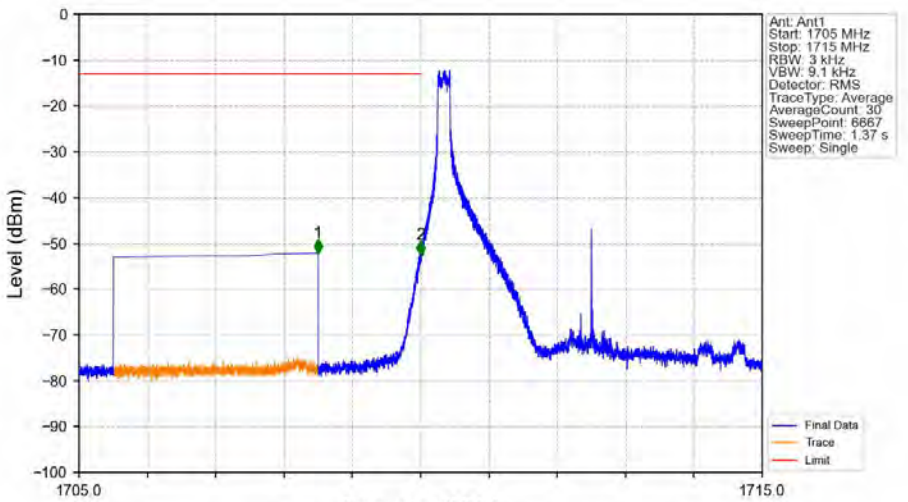
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-50.10	-13	Pass
1756	1760	1	CHP	2	1756.482	-51.54	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



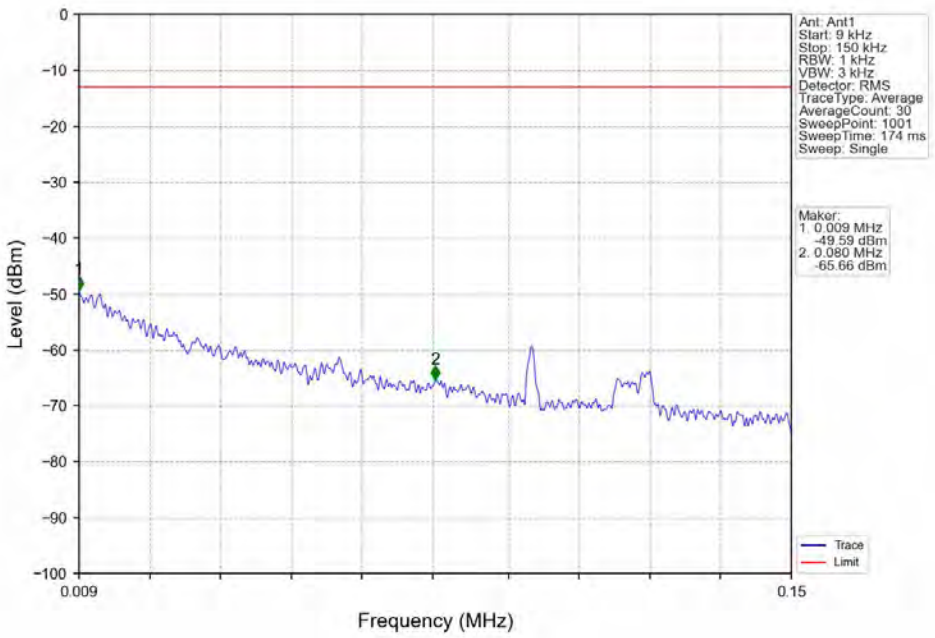
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.030	-48.89	-13	Pass
1756	1760	1	CHP	2	1756.010	-39.52	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-52.12	-13	Pass
1709	1710	0.003	/	2	1710.000	-52.47	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV