1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.34	0.89	22.23	<=30	Pass
			2	21.40	0.89	22.29	<=30	Pass
			5	21.33	0.89	22.22	<=30	Pass
		3	0	21.46	0.89	22.35	<=30	Pass
			2	21.43	0.89	22.32	<=30	Pass
			3	21.44	0.89	22.33	<=30	Pass
		6	0	20.42	0.89	21.31	<=30	Pass
	1732.5	1	0	21.23	0.89	22.12	<=30	Pass
			2	21.30	0.89	22.19	<=30	Pass
			5	21.25	0.89	22.14	<=30	Pass
		3	0	21.29	0.89	22.18	<=30	Pass
			2	21.27	0.89	22.16	<=30	Pass
			3	21.28	0.89	22.17	<=30	Pass
		6	0	20.29	0.89	21.18	<=30	Pass
	1754.3	1	0	21.34	0.89	22.23	<=30	Pass
			2	21.44	0.89	22.33	<=30	Pass
			5	21.36	0.89	22.25	<=30	Pass
		3	0	21.38	0.89	22.27	<=30	Pass
			2	21.38	0.89	22.27	<=30	Pass
			3	21.40	0.89	22.29	<=30	Pass
		6	0	20.34	0.89	21.23	<=30	Pass
16QAM	1710.7	1	0	20.37	0.89	21.26	<=30	Pass
			2	20.43	0.89	21.32	<=30	Pass
			5	20.36	0.89	21.25	<=30	Pass
		3	0	20.60	0.89	21.49	<=30	Pass
			2	20.65	0.89	21.54	<=30	Pass
			3	20.64	0.89	21.53	<=30	Pass
		6	0	19.43	0.89	20.32	<=30	Pass
	1732.5	1	0	20.36	0.89	21.25	<=30	Pass
			2	20.40	0.89	21.29	<=30	Pass
			5	20.36	0.89	21.25	<=30	Pass
		3	0	20.21	0.89	21.10	<=30	Pass
			2	20.21	0.89	21.10	<=30	Pass
			3	20.21	0.89	21.10	<=30	Pass
		6	0	19.25	0.89	20.14	<=30	Pass
	1754.3	1	0	20.34	0.89	21.23	<=30	Pass
			2	20.41	0.89	21.30	<=30	Pass
			5	20.35	0.89	21.24	<=30	Pass
		3	0	20.41	0.89	21.30	<=30	Pass
			2	20.42	0.89	21.31	<=30	Pass
			3	20.42	0.89	21.31	<=30	Pass
		6	0	19.28	0.89	20.17	<=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	21.35	0.89	22.24	<=30	Pass
			7	21.38	0.89	22.27	<=30	Pass
			14	21.31	0.89	22.20	<=30	Pass
		8	0	20.48	0.89	21.37	<=30	Pass
			4	20.46	0.89	21.35	<=30	Pass
			7	20.46	0.89	21.35	<=30	Pass
		15	0	20.43	0.89	21.32	<=30	Pass
	1732.5	1	0	21.30	0.89	22.19	<=30	Pass
			7	21.31	0.89	22.20	<=30	Pass
			14	21.27	0.89	22.16	<=30	Pass
		8	0	20.34	0.89	21.23	<=30	Pass
			4	20.36	0.89	21.25	<=30	Pass
			7	20.33	0.89	21.22	<=30	Pass
		15	0	20.27	0.89	21.16	<=30	Pass
	1753.5	1	0	21.29	0.89	22.18	<=30	Pass
			7	21.34	0.89	22.23	<=30	Pass
			14	21.29	0.89	22.18	<=30	Pass
		8	0	20.44	0.89	21.33	<=30	Pass
			4	20.41	0.89	21.30	<=30	Pass
			7	20.42	0.89	21.31	<=30	Pass
		15	0	20.39	0.89	21.28	<=30	Pass
16QAM	1711.5	1	0	20.55	0.89	21.44	<=30	Pass
			7	20.57	0.89	21.46	<=30	Pass
			14	20.52	0.89	21.41	<=30	Pass
		8	0	19.46	0.89	20.35	<=30	Pass
			4	19.49	0.89	20.38	<=30	Pass
			7	19.44	0.89	20.33	<=30	Pass
		15	0	19.42	0.89	20.31	<=30	Pass
	1732.5	1	0	20.28	0.89	21.17	<=30	Pass
			7	20.26	0.89	21.15	<=30	Pass
			14	20.20	0.89	21.09	<=30	Pass
		8	0	19.36	0.89	20.25	<=30	Pass
			4	19.37	0.89	20.26	<=30	Pass
			7	19.36	0.89	20.25	<=30	Pass
		15	0	19.30	0.89	20.19	<=30	Pass
	1753.5	1	0	20.78	0.89	21.67	<=30	Pass
			7	20.83	0.89	21.72	<=30	Pass
			14	20.75	0.89	21.64	<=30	Pass
		8	0	19.57	0.89	20.46	<=30	Pass
			4	19.55	0.89	20.44	<=30	Pass
			7	19.54	0.89	20.43	<=30	Pass
		15	0	19.44	0.89	20.33	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B4_5MHz_EIRP

1.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.44	0.89	22.33	<=30	Pass
			13	21.45	0.89	22.34	<=30	Pass
			24	21.35	0.89	22.24	<=30	Pass
		12	0	20.50	0.89	21.39	<=30	Pass
			6	20.48	0.89	21.37	<=30	Pass
			13	20.46	0.89	21.35	<=30	Pass
		25	0	20.42	0.89	21.31	<=30	Pass
	1732.5	1	0	21.32	0.89	22.21	<=30	Pass
			13	21.30	0.89	22.19	<=30	Pass
			24	21.27	0.89	22.16	<=30	Pass
		12	0	20.33	0.89	21.22	<=30	Pass
			6	20.29	0.89	21.18	<=30	Pass
			13	20.31	0.89	21.20	<=30	Pass
		25	0	20.27	0.89	21.16	<=30	Pass
	1752.5	1	0	21.40	0.89	22.29	<=30	Pass
			13	21.41	0.89	22.30	<=30	Pass
			24	21.37	0.89	22.26	<=30	Pass
		12	0	20.43	0.89	21.32	<=30	Pass
			6	20.40	0.89	21.29	<=30	Pass
			13	20.43	0.89	21.32	<=30	Pass
		25	0	20.37	0.89	21.26	<=30	Pass
16QAM	1712.5	1	0	20.33	0.89	21.22	<=30	Pass
			13	20.35	0.89	21.24	<=30	Pass
			24	20.24	0.89	21.13	<=30	Pass
		12	0	19.51	0.89	20.40	<=30	Pass
			6	19.51	0.89	20.40	<=30	Pass
			13	19.49	0.89	20.38	<=30	Pass
		25	0	19.46	0.89	20.35	<=30	Pass
	1732.5	1	0	20.52	0.89	21.41	<=30	Pass
			13	20.44	0.89	21.33	<=30	Pass
			24	20.41	0.89	21.30	<=30	Pass
		12	0	19.36	0.89	20.25	<=30	Pass
			6	19.35	0.89	20.24	<=30	Pass
			13	19.33	0.89	20.22	<=30	Pass
		25	0	19.26	0.89	20.15	<=30	Pass
	1752.5	1	0	20.46	0.89	21.35	<=30	Pass
			13	20.48	0.89	21.37	<=30	Pass
			24	20.45	0.89	21.34	<=30	Pass
		12	0	19.44	0.89	20.33	<=30	Pass
			6	19.42	0.89	20.31	<=30	Pass
			13	19.42	0.89	20.31	<=30	Pass
		25	0	19.39	0.89	20.28	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B4_10MHz_EIRP

1.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.50	0.89	22.39	<=30	Pass
			25	21.43	0.89	22.32	<=30	Pass

			49	21.35	0.89	22.24	<=30	Pass
		25	0	20.46	0.89	21.35	<=30	Pass
			13	20.41	0.89	21.30	<=30	Pass
			25	20.39	0.89	21.28	<=30	Pass
		50	0	20.44	0.89	21.33	<=30	Pass
	1732.5	1	0	21.37	0.89	22.26	<=30	Pass
			25	21.36	0.89	22.25	<=30	Pass
			49	21.22	0.89	22.11	<=30	Pass
		25	0	20.33	0.89	21.22	<=30	Pass
			13	20.29	0.89	21.18	<=30	Pass
			25	20.28	0.89	21.17	<=30	Pass
		50	0	20.34	0.89	21.23	<=30	Pass
	1750	1	0	21.39	0.89	22.28	<=30	Pass
			25	21.34	0.89	22.23	<=30	Pass
			49	21.35	0.89	22.24	<=30	Pass
		25	0	20.36	0.89	21.25	<=30	Pass
			13	20.36	0.89	21.25	<=30	Pass
			25	20.36	0.89	21.25	<=30	Pass
		50	0	20.38	0.89	21.27	<=30	Pass
16QAM	1715	1	0	20.53	0.89	21.42	<=30	Pass
			25	20.46	0.89	21.35	<=30	Pass
			49	20.37	0.89	21.26	<=30	Pass
		25	0	19.56	0.89	20.45	<=30	Pass
			13	19.53	0.89	20.42	<=30	Pass
			25	19.50	0.89	20.39	<=30	Pass
		50	0	19.50	0.89	20.39	<=30	Pass
	1732.5	1	0	20.84	0.89	21.73	<=30	Pass
			25	20.71	0.89	21.60	<=30	Pass
			49	20.67	0.89	21.56	<=30	Pass
		25	0	19.39	0.89	20.28	<=30	Pass
			13	19.34	0.89	20.23	<=30	Pass
			25	19.32	0.89	20.21	<=30	Pass
		50	0	19.35	0.89	20.24	<=30	Pass
	1750	1	0	20.51	0.89	21.40	<=30	Pass
			25	20.49	0.89	21.38	<=30	Pass
			49	20.51	0.89	21.40	<=30	Pass
		25	0	19.39	0.89	20.28	<=30	Pass
			13	19.38	0.89	20.27	<=30	Pass
			25	19.40	0.89	20.29	<=30	Pass
		50	0	19.39	0.89	20.28	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B4_15MHz_EIRP

1.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.51	0.89	22.40	<=30	Pass
			38	21.36	0.89	22.25	<=30	Pass
			74	21.27	0.89	22.16	<=30	Pass
		36	0	20.52	0.89	21.41	<=30	Pass
			18	20.45	0.89	21.34	<=30	Pass
			39	20.40	0.89	21.29	<=30	Pass

		75	0	20.46	0.89	21.35	<=30	Pass
	1732.5	1	0	21.37	0.89	22.26	<=30	Pass
			38	21.32	0.89	22.21	<=30	Pass
			74	21.14	0.89	22.03	<=30	Pass
		36	0	20.46	0.89	21.35	<=30	Pass
			18	20.45	0.89	21.34	<=30	Pass
			39	20.46	0.89	21.35	<=30	Pass
		75	0	20.45	0.89	21.34	<=30	Pass
	1747.5	1	0	21.45	0.89	22.34	<=30	Pass
			38	21.41	0.89	22.30	<=30	Pass
			74	21.39	0.89	22.28	<=30	Pass
		36	0	20.48	0.89	21.37	<=30	Pass
			18	20.46	0.89	21.35	<=30	Pass
			39	20.48	0.89	21.37	<=30	Pass
		75	0	20.48	0.89	21.37	<=30	Pass
16QAM	1717.5	1	0	21.00	0.89	21.89	<=30	Pass
			38	20.90	0.89	21.79	<=30	Pass
			74	20.79	0.89	21.68	<=30	Pass
		36	0	19.54	0.89	20.43	<=30	Pass
			18	19.48	0.89	20.37	<=30	Pass
			39	19.42	0.89	20.31	<=30	Pass
		75	0	19.48	0.89	20.37	<=30	Pass
	1732.5	1	0	20.53	0.89	21.42	<=30	Pass
			38	20.41	0.89	21.30	<=30	Pass
			74	20.42	0.89	21.31	<=30	Pass
		36	0	19.41	0.89	20.30	<=30	Pass
			18	19.40	0.89	20.29	<=30	Pass
			39	19.36	0.89	20.25	<=30	Pass
		75	0	19.40	0.89	20.29	<=30	Pass
	1747.5	1	0	20.56	0.89	21.45	<=30	Pass
			38	20.66	0.89	21.55	<=30	Pass
			74	20.69	0.89	21.58	<=30	Pass
		36	0	19.40	0.89	20.29	<=30	Pass
			18	19.41	0.89	20.30	<=30	Pass
			39	19.44	0.89	20.33	<=30	Pass
		75	0	19.43	0.89	20.32	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B4_20MHz_EIRP

1.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.54	0.89	22.43	<=30	Pass
			50	21.35	0.89	22.24	<=30	Pass
			99	21.18	0.89	22.07	<=30	Pass
		50	0	20.47	0.89	21.36	<=30	Pass
			25	20.40	0.89	21.29	<=30	Pass
			50	20.37	0.89	21.26	<=30	Pass
		100	0	20.43	0.89	21.32	<=30	Pass
	1732.5	1	0	21.38	0.89	22.27	<=30	Pass
			50	21.36	0.89	22.25	<=30	Pass
			99	20.91	0.89	21.80	<=30	Pass

		50	0	20.39	0.89	21.28	<=30	Pass
			25	20.30	0.89	21.19	<=30	Pass
			50	20.29	0.89	21.18	<=30	Pass
		100	0	20.32	0.89	21.21	<=30	Pass
	1745	1	0	21.43	0.89	22.32	<=30	Pass
			50	21.42	0.89	22.31	<=30	Pass
			99	21.43	0.89	22.32	<=30	Pass
		50	0	20.35	0.89	21.24	<=30	Pass
			25	20.35	0.89	21.24	<=30	Pass
			50	20.41	0.89	21.30	<=30	Pass
		100	0	20.40	0.89	21.29	<=30	Pass
16QAM	1720	1	0	20.81	0.89	21.70	<=30	Pass
			50	20.63	0.89	21.52	<=30	Pass
			99	20.48	0.89	21.37	<=30	Pass
		50	0	19.50	0.89	20.39	<=30	Pass
			25	19.41	0.89	20.30	<=30	Pass
			50	19.38	0.89	20.27	<=30	Pass
		100	0	19.46	0.89	20.35	<=30	Pass
	1732.5	1	0	20.57	0.89	21.46	<=30	Pass
			50	20.41	0.89	21.30	<=30	Pass
			99	20.21	0.89	21.10	<=30	Pass
		50	0	19.41	0.89	20.30	<=30	Pass
			25	19.30	0.89	20.19	<=30	Pass
			50	19.28	0.89	20.17	<=30	Pass
		100	0	19.32	0.89	20.21	<=30	Pass
	1745	1	0	20.77	0.89	21.66	<=30	Pass
			50	20.84	0.89	21.73	<=30	Pass
			99	20.92	0.89	21.81	<=30	Pass
		50	0	19.33	0.89	20.22	<=30	Pass
			25	19.36	0.89	20.25	<=30	Pass
			50	19.43	0.89	20.32	<=30	Pass
		100	0	19.40	0.89	20.29	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-1.116	-0.0007	-2.5 to 2.5	Pass
					3.85	7.610	0.0044	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-9.799	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	4.249	0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.277	0.0025	-2.5 to 2.5	Pass
				0	3.85	4.077	0.0024	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				30	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				40	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0004	-2.5 to 2.5	Pass

	1732.5	6	0	20	3.27	6.065	0.0035	-2.5 to 2.5	Pass
					3.85	2.174	0.0013	-2.5 to 2.5	Pass
					4.43	-0.372	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	6.108	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	5.307	0.0031	-2.5 to 2.5	Pass
				0	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				50	3.85	3.476	0.0020	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	2.232	0.0013	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
					4.43	2.561	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				30	3.85	8.111	0.0046	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	4.735	0.0028	-2.5 to 2.5	Pass
					4.43	9.112	0.0053	-2.5 to 2.5	Pass
				-30	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	6.609	0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	1.817	0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-7.825	-0.0045	-2.5 to 2.5	Pass
					3.85	5.221	0.0030	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-43.159	-0.0249	-2.5 to 2.5	Pass
				-10	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.544	0.0003	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-1.044	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0038	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.090	0.0018	-2.5 to 2.5	Pass
				40	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-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	11.058	0.0065	-2.5 to 2.5	Pass
					3.85	-9.871	-0.0058	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-9.270	-0.0054	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0019	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	8.912	0.0051	-2.5 to 2.5	Pass
					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-11.172	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				0	3.85	3.576	0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				30	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-10.171	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				50	3.85	1.917	0.0011	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-10.343	-0.0060	-2.5 to 2.5	Pass
					3.85	3.877	0.0023	-2.5 to 2.5	Pass
					4.43	1.001	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass

				-10	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				10	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				40	3.85	4.606	0.0027	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0003	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
					4.43	3.805	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.233	-0.0018	-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	5.078	0.0030	-2.5 to 2.5	Pass
					3.85	-1.817	-0.0011	-2.5 to 2.5	Pass
					4.43	1.831	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-7.668	-0.0045	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				50	3.85	1.831	0.0011	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	5.150	0.0030	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	4.578	0.0026	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				0	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0006	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	4.191	0.0024	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
					4.43	1.187	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass

				30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.332	-0.0013	-2.5 to 2.5	Pass
					3.85	2.418	0.0014	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.817	-0.0010	-2.5 to 2.5	Pass
					3.85	-11.759	-0.0067	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				30	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0012	-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	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	3.562	0.0021	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass

	1732.5	50	0	20	3.27	1.073	0.0006	-2.5 to 2.5	Pass
					3.85	1.731	0.0010	-2.5 to 2.5	Pass
					4.43	2.732	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0004	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.502	-0.0009	-2.5 to 2.5	Pass
					3.85	1.187	0.0007	-2.5 to 2.5	Pass
					4.43	0.272	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-2.546	-0.0015	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0007	-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	-2.375	-0.0014	-2.5 to 2.5	Pass
					3.85	0.830	0.0005	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				0	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.488	-0.0009	-2.5 to 2.5	Pass
					3.85	4.964	0.0029	-2.5 to 2.5	Pass
					4.43	1.216	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				0	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				10	3.85	11.401	0.0066	-2.5 to 2.5	Pass
				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.445	0.0008	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	1.516	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.85	7.253	0.0042	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.473	0.0009	-2.5 to 2.5	Pass
					3.85	1.788	0.0010	-2.5 to 2.5	Pass
					4.43	1.659	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	3.319	0.0019	-2.5 to 2.5	Pass
				-30	3.85	10.872	0.0063	-2.5 to 2.5	Pass
				-20	3.85	2.060	0.0012	-2.5 to 2.5	Pass

				-10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.358	0.0002	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	2.732	0.0016	-2.5 to 2.5	Pass
					3.85	3.605	0.0021	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-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	-5.894	-0.0034	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				10	3.85	3.262	0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
				50	3.85	1.287	0.0007	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	-4.148	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.509	0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				30	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				40	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.851	-0.0034	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.85	3.247	0.0019	-2.5 to 2.5	Pass

				30	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				40	3.85	3.290	0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0001	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.001	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.774	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass

3. Modulation Characteristics

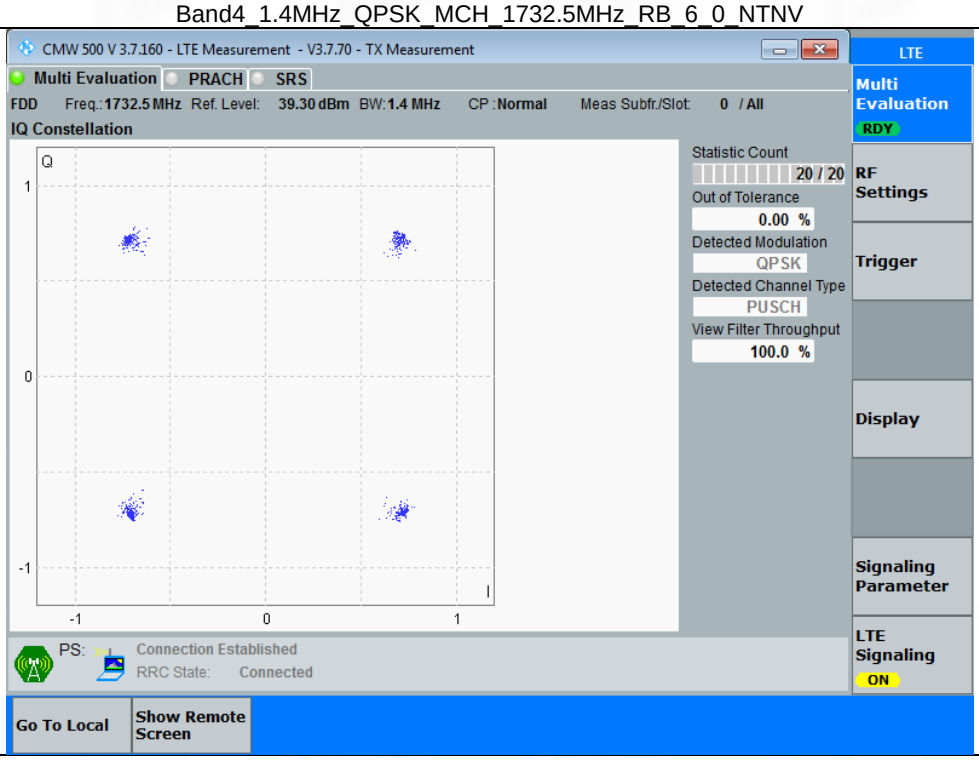
3.1 B4_1.4MHz

3.1.1 Test Result

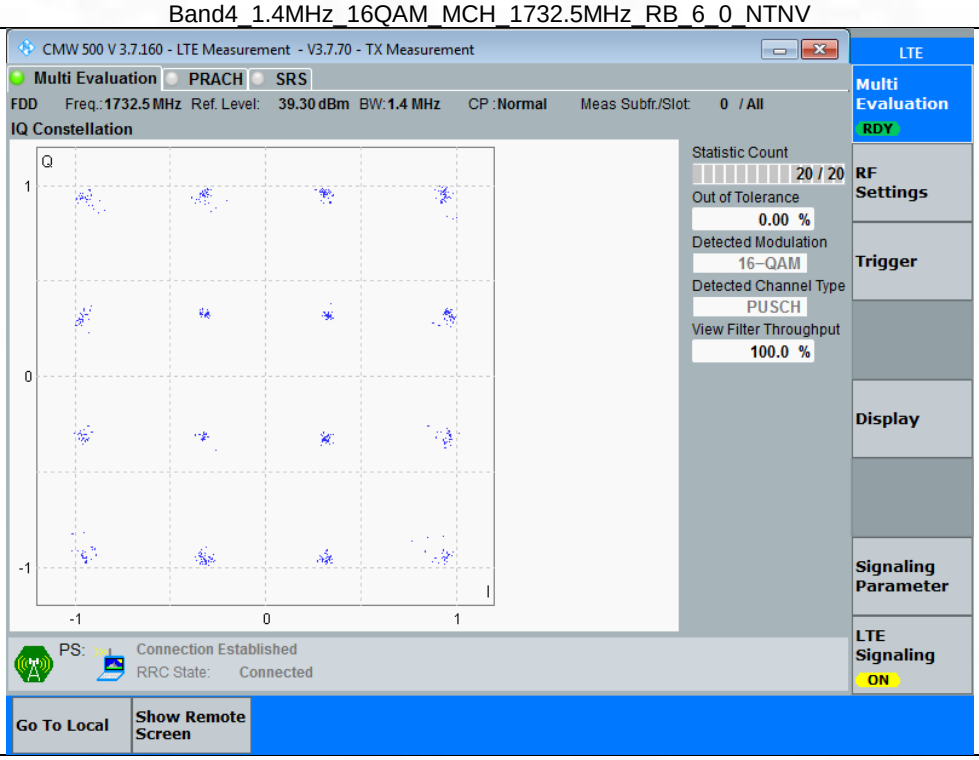
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

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



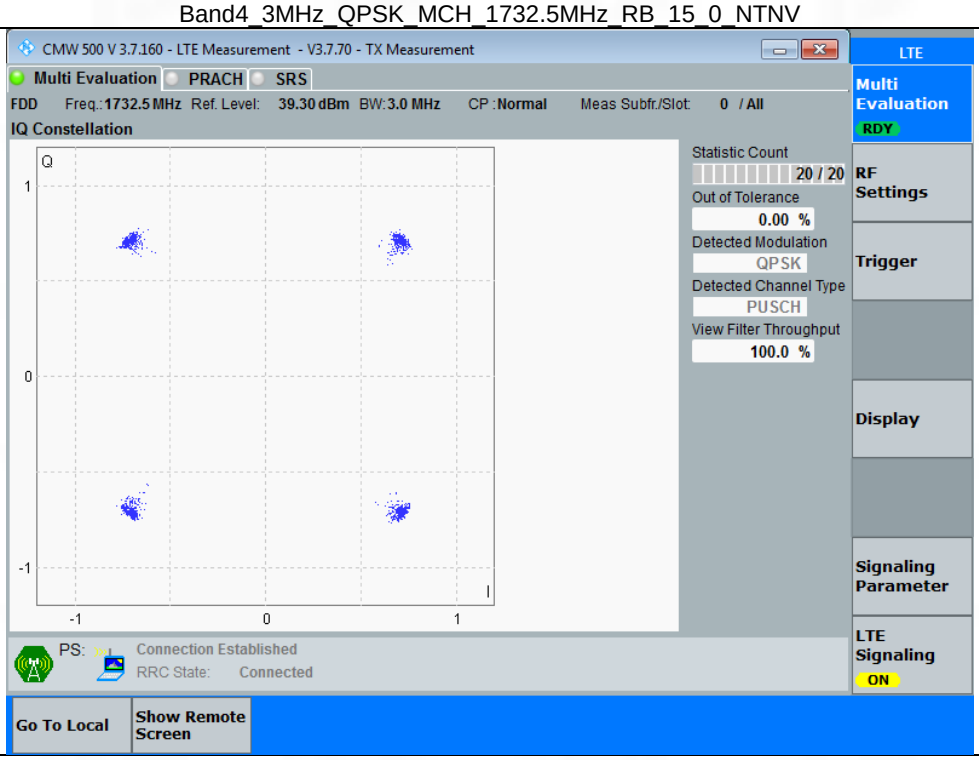
3.2 B4_3MHz

3.2.1 Test Result

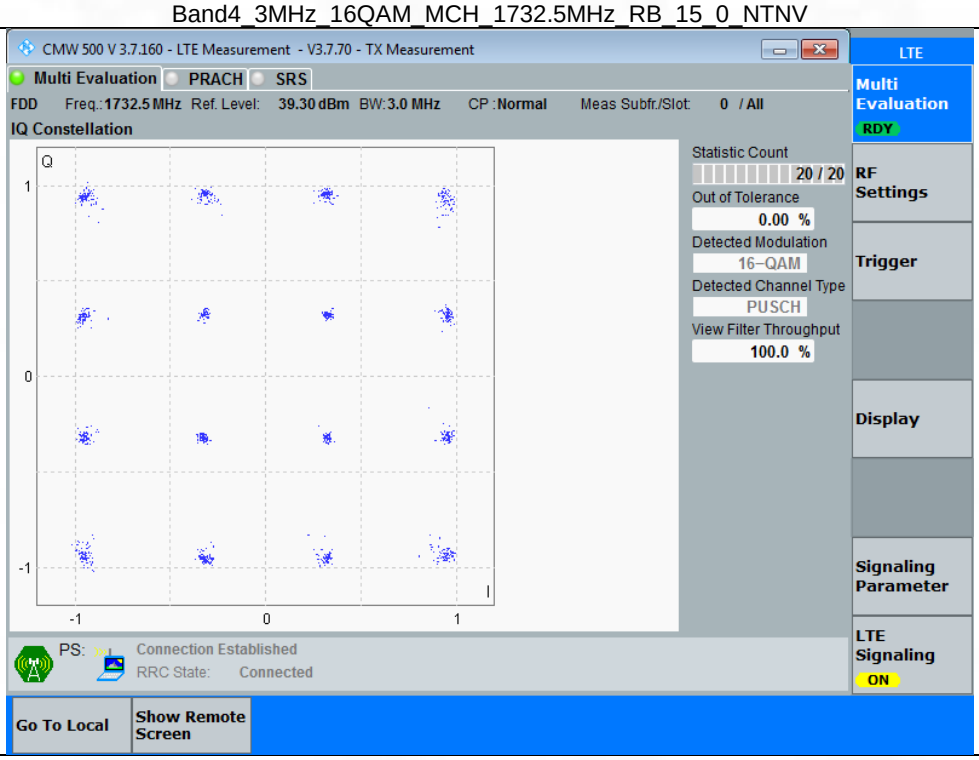
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

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



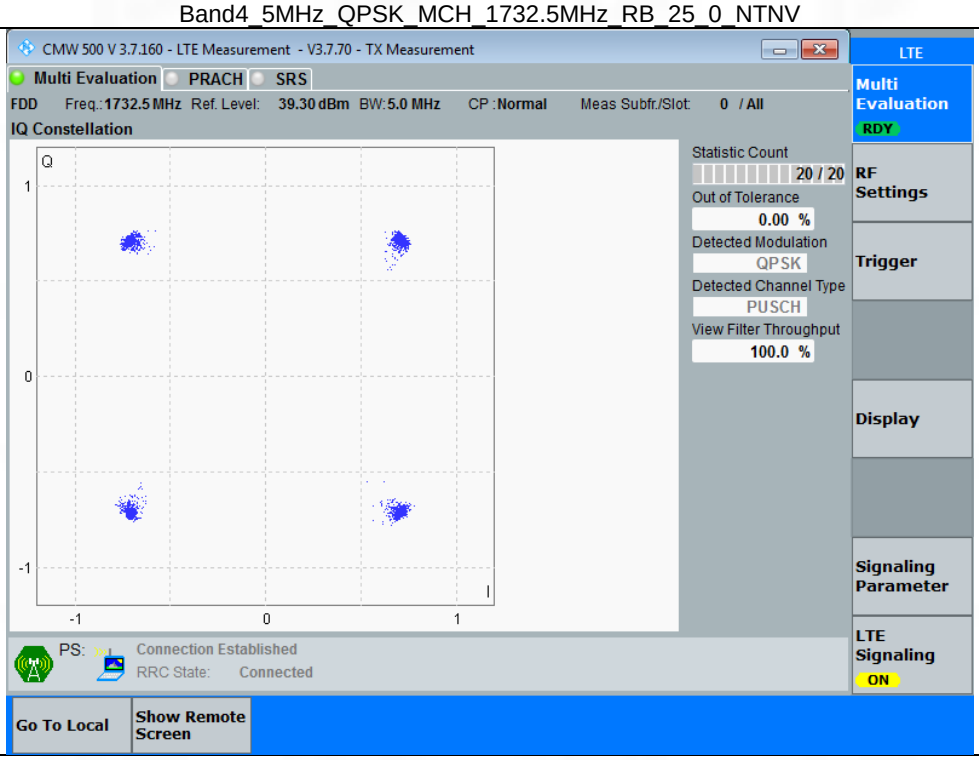
3.3 B4_5MHz

3.3.1 Test Result

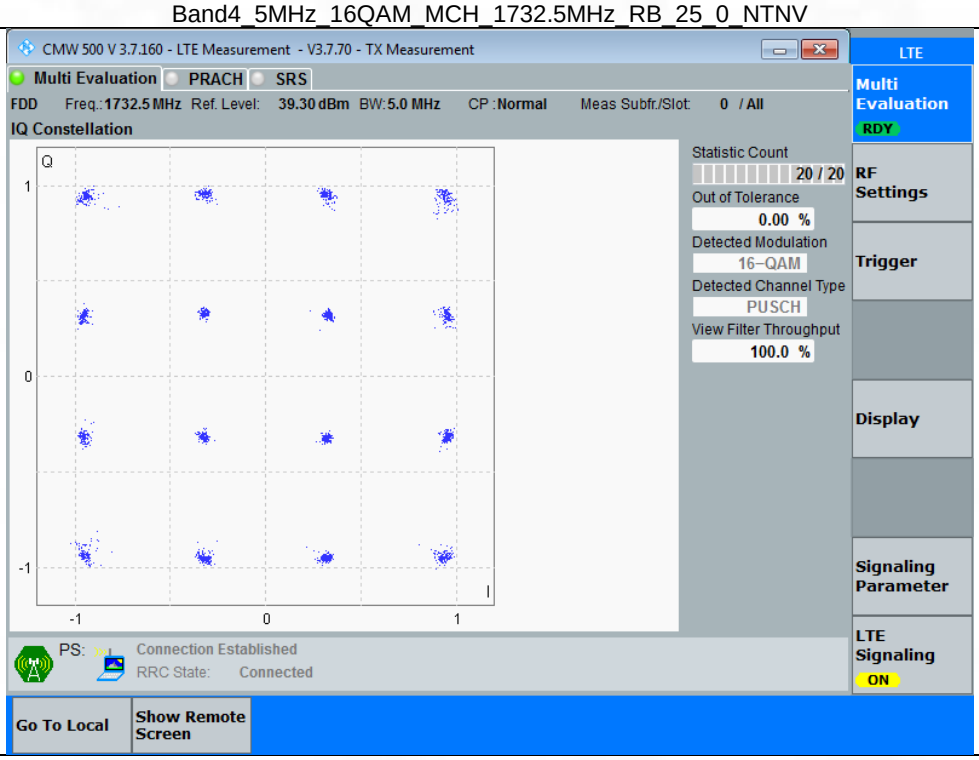
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

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



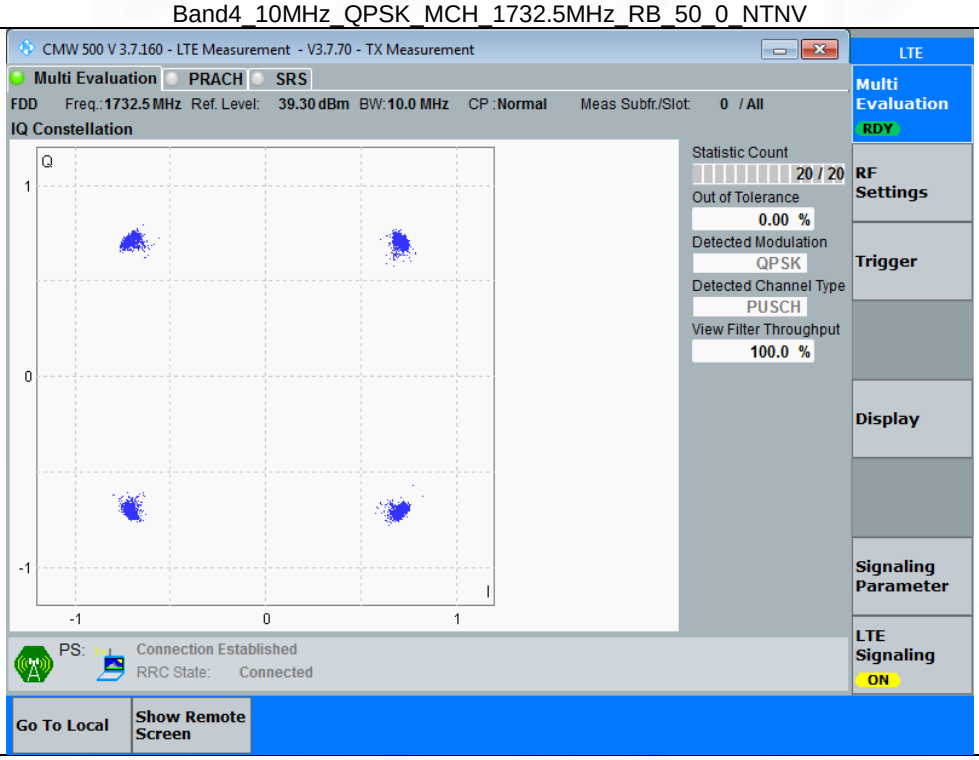
3.4 B4_10MHz

3.4.1 Test Result

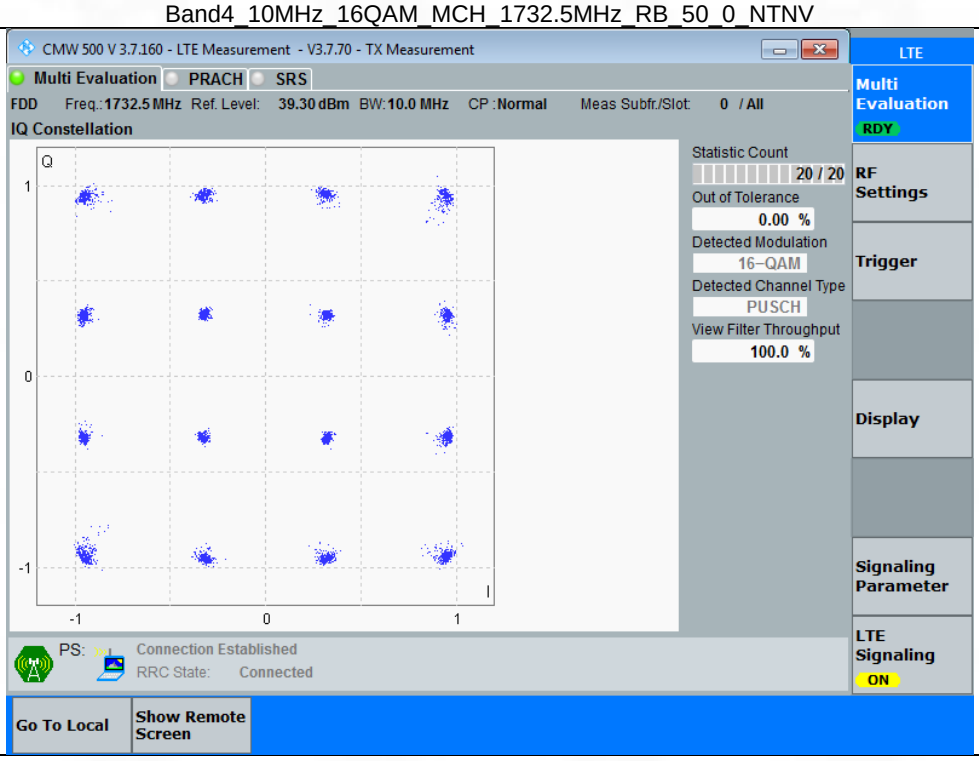
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

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



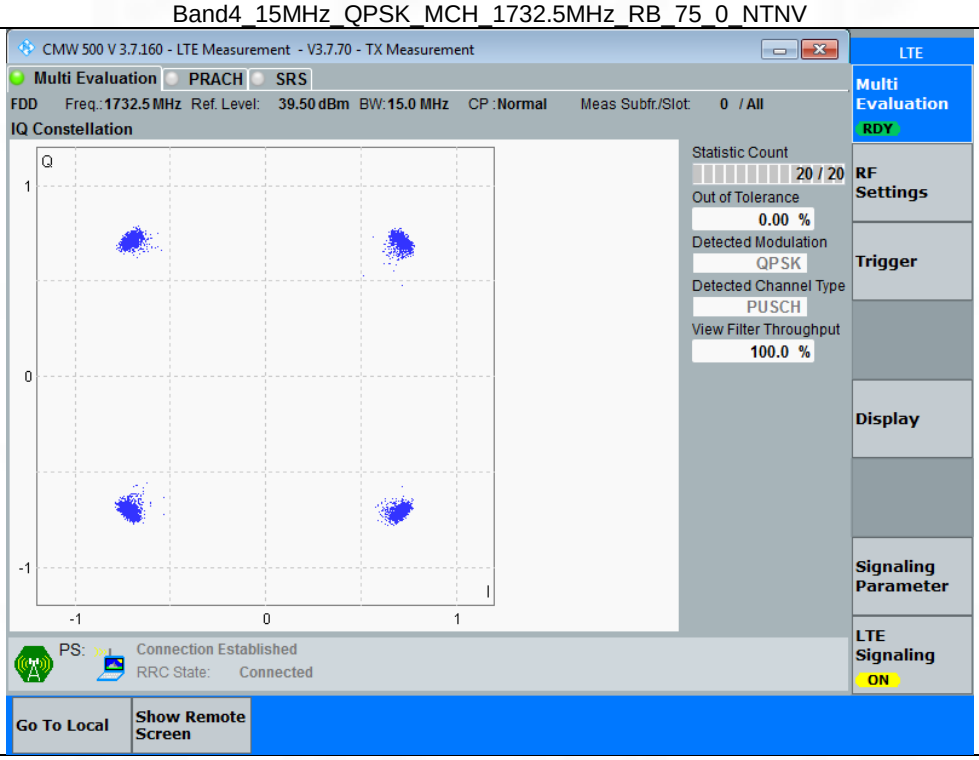
3.5 B4_15MHz

3.5.1 Test Result

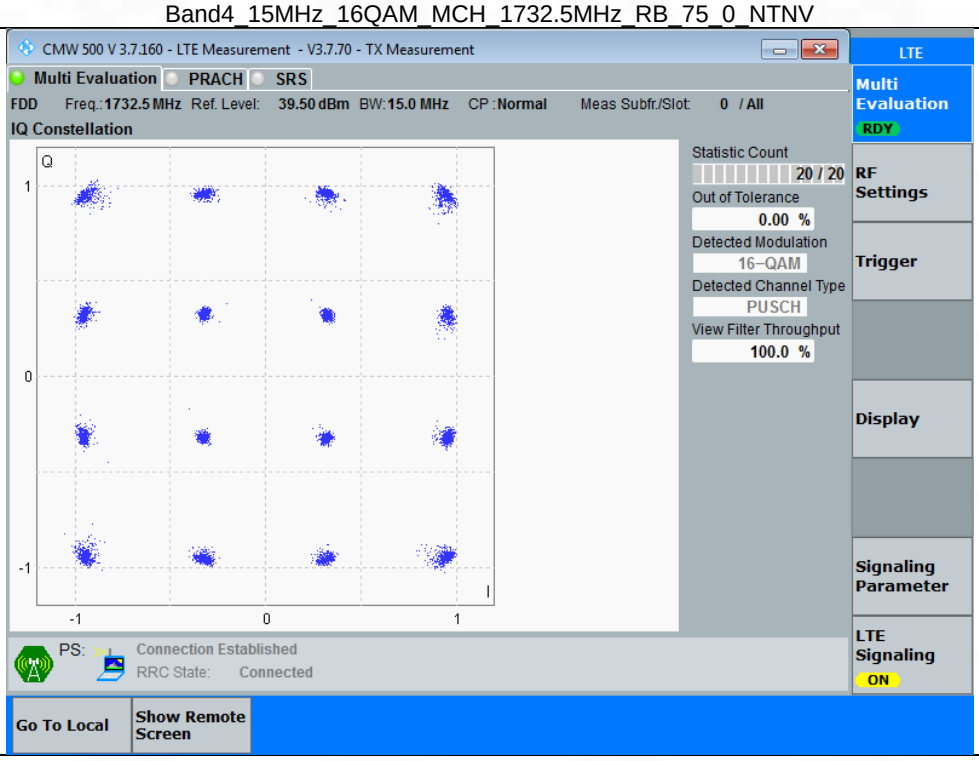
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

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



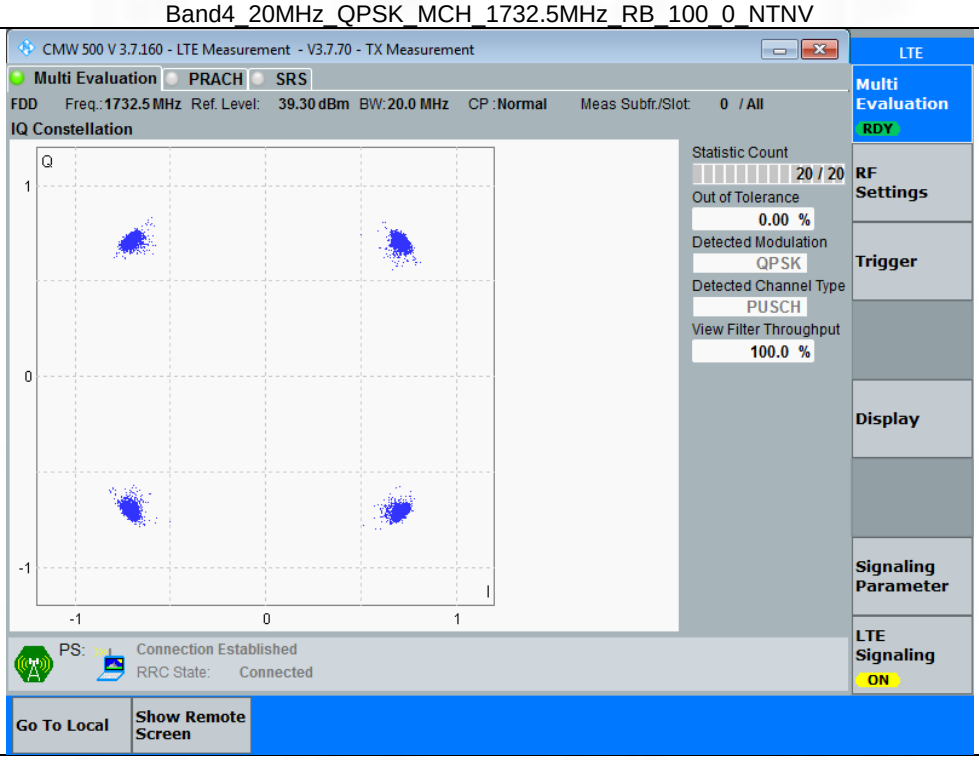
3.6 B4_20MHz

3.6.1 Test Result

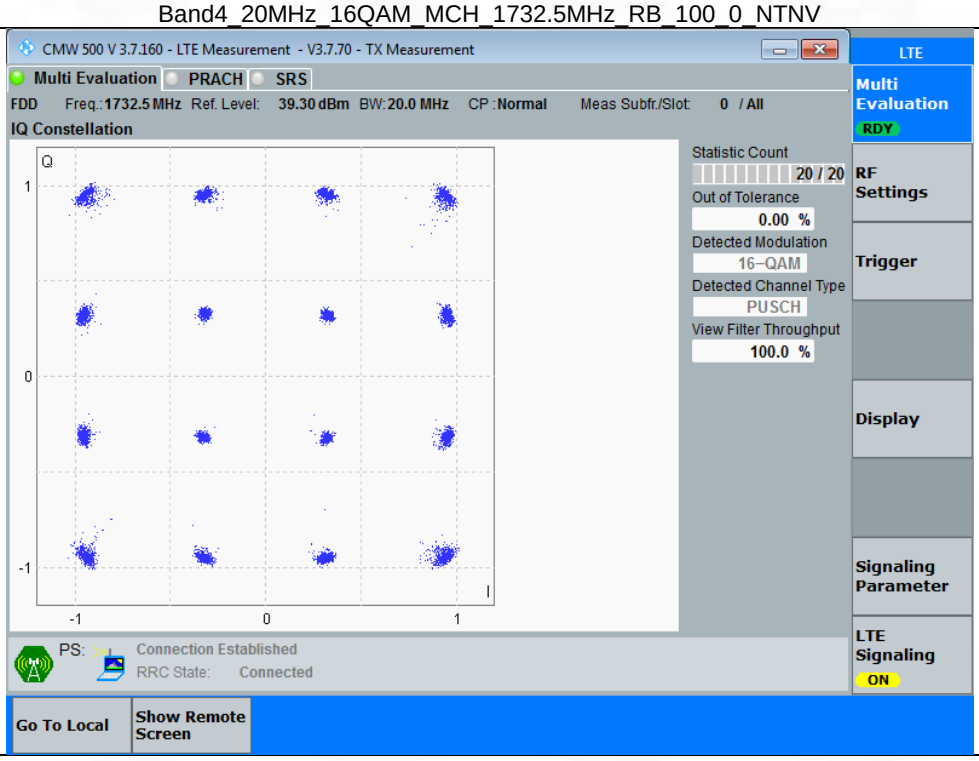
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

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

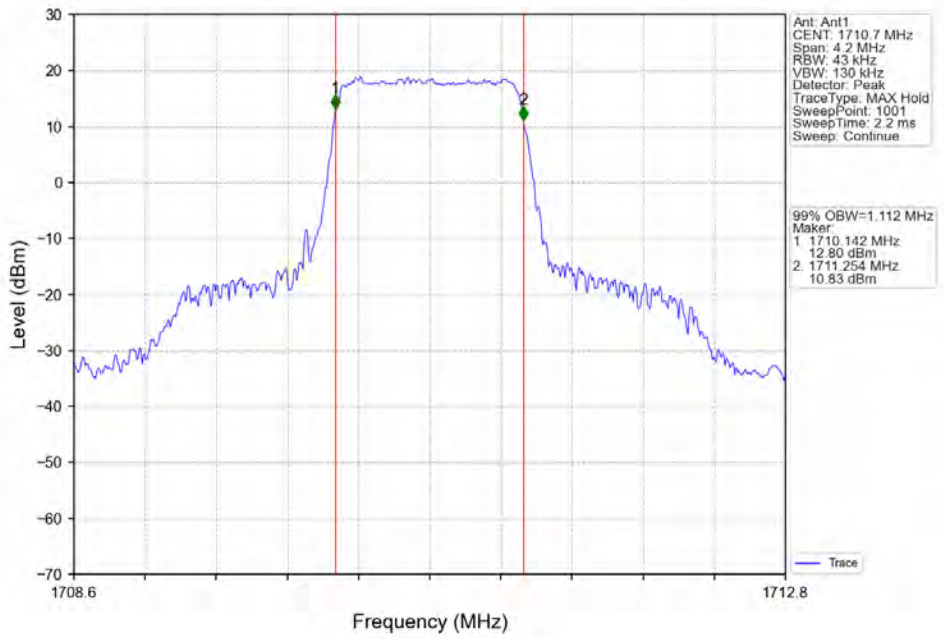
4.1 Band4_OBW

4.1.1 Test Result

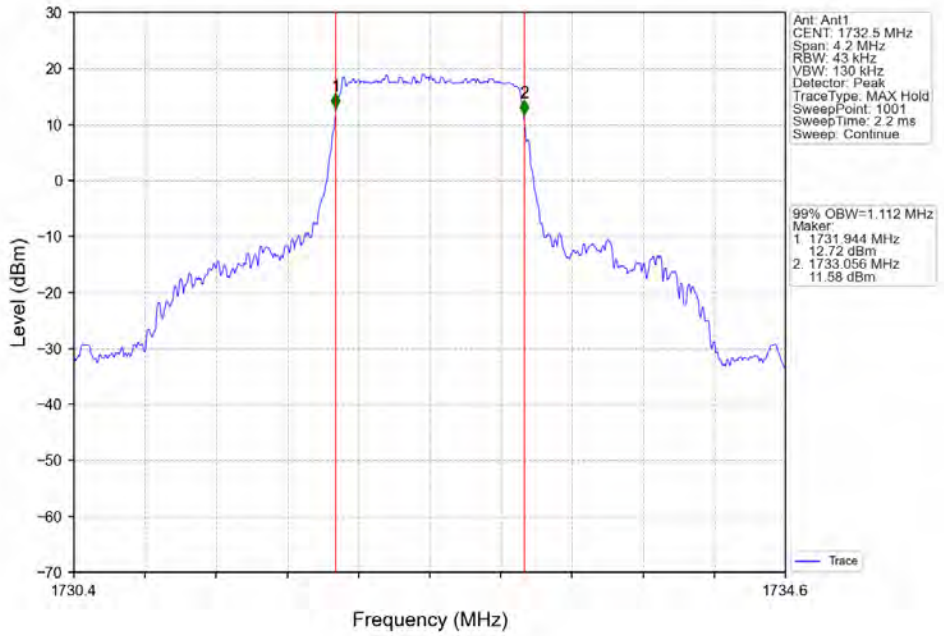
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.121	/	Pass
	16QAM	1710.7	6	0	1.119	/	Pass
		1732.5	6	0	1.103	/	Pass
		1754.3	6	0	1.108	/	Pass
3	QPSK	1711.5	15	0	2.731	/	Pass
		1732.5	15	0	2.744	/	Pass
		1753.5	15	0	2.741	/	Pass
	16QAM	1711.5	15	0	2.759	/	Pass
		1732.5	15	0	2.737	/	Pass
		1753.5	15	0	2.734	/	Pass
5	QPSK	1712.5	25	0	4.582	/	Pass
		1732.5	25	0	4.568	/	Pass
		1752.5	25	0	4.568	/	Pass
	16QAM	1712.5	25	0	4.561	/	Pass
		1732.5	25	0	4.573	/	Pass
		1752.5	25	0	4.593	/	Pass
10	QPSK	1715	50	0	9.065	/	Pass
		1732.5	50	0	9.084	/	Pass
		1750	50	0	9.076	/	Pass
	16QAM	1715	50	0	9.047	/	Pass
		1732.5	50	0	9.064	/	Pass
		1750	50	0	9.048	/	Pass
15	QPSK	1717.5	75	0	13.624	/	Pass
		1732.5	75	0	13.602	/	Pass
		1747.5	75	0	13.580	/	Pass
	16QAM	1717.5	75	0	13.588	/	Pass
		1732.5	75	0	13.626	/	Pass
		1747.5	75	0	13.613	/	Pass
20	QPSK	1720	100	0	18.128	/	Pass
		1732.5	100	0	18.177	/	Pass
		1745	100	0	18.141	/	Pass
	16QAM	1720	100	0	18.216	/	Pass
		1732.5	100	0	18.136	/	Pass
		1745	100	0	18.129	/	Pass

4.1.2 Test Graph

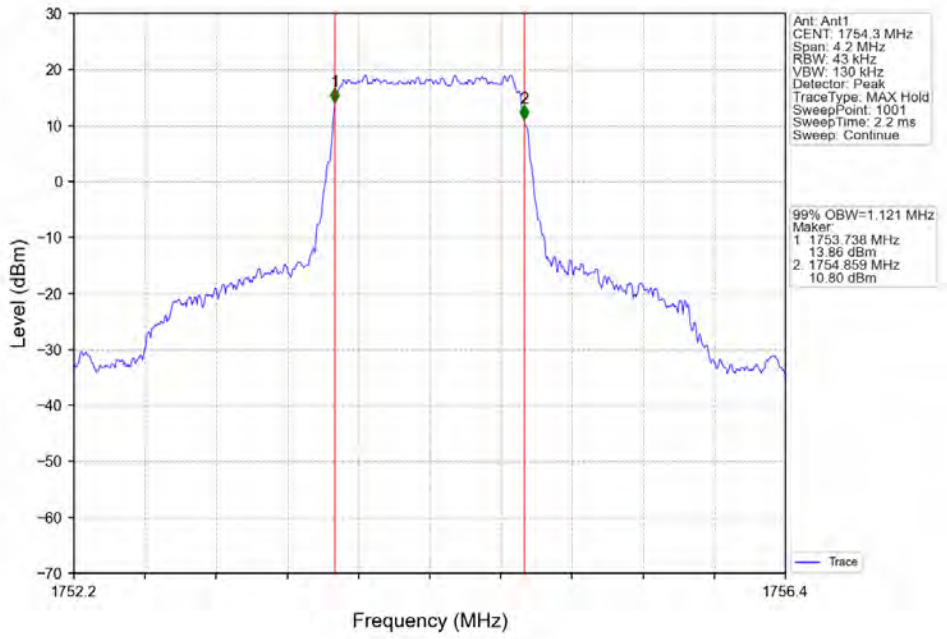
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



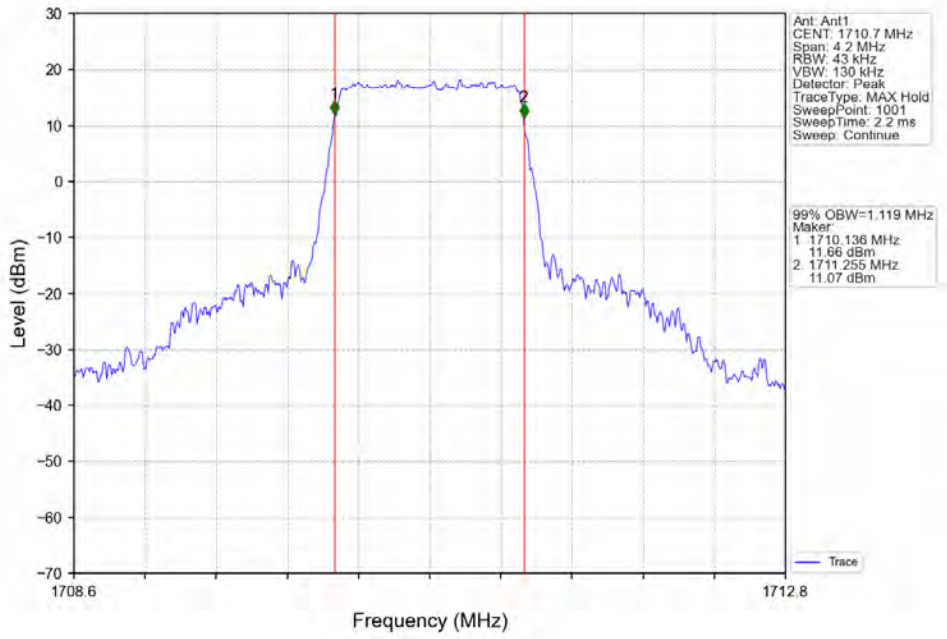
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



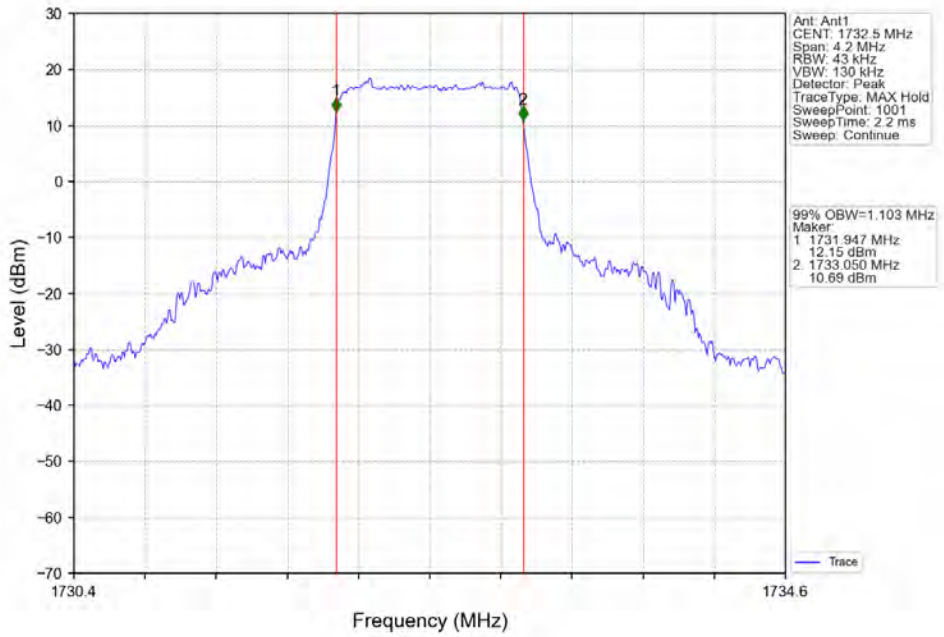
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



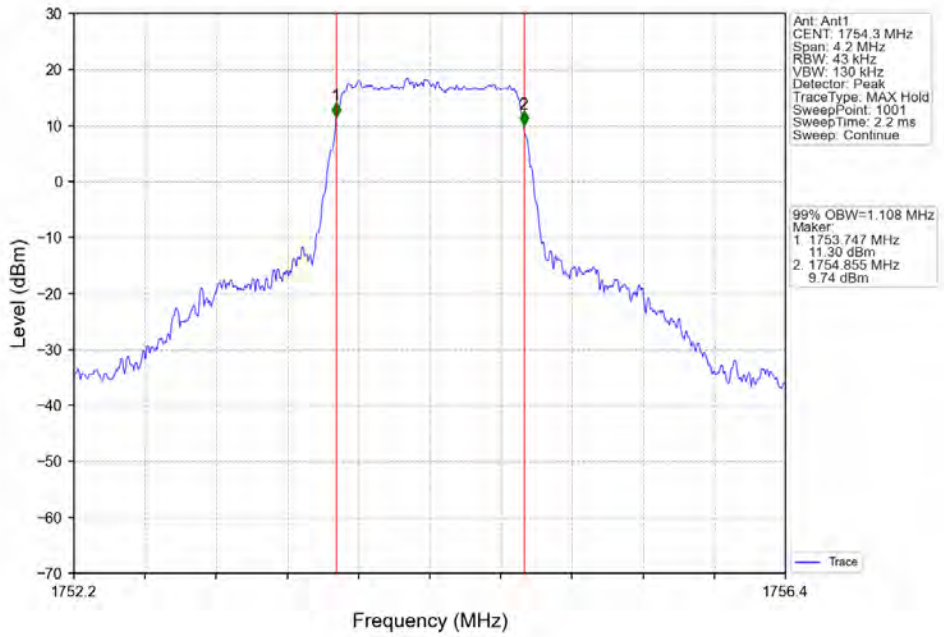
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



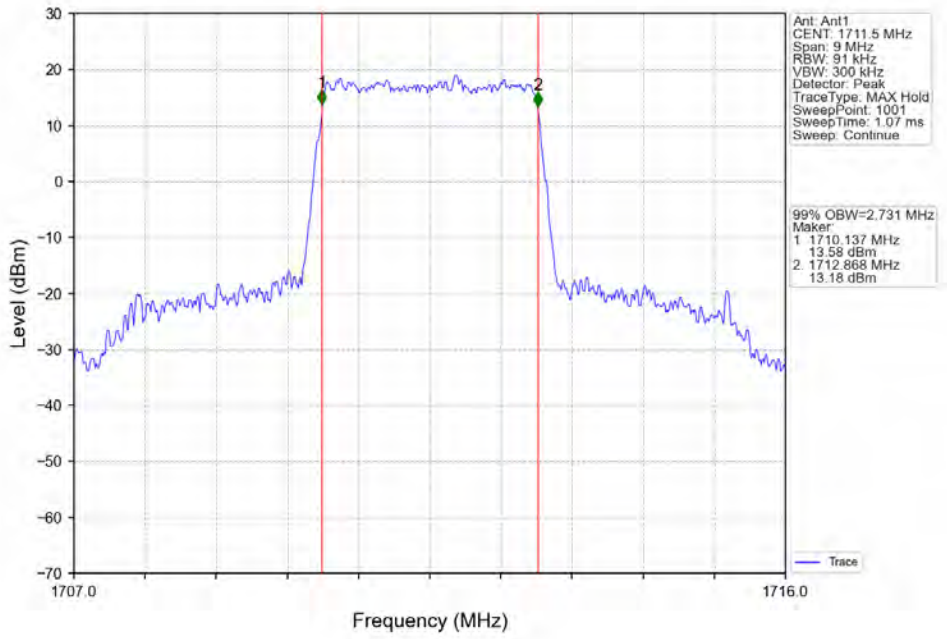
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



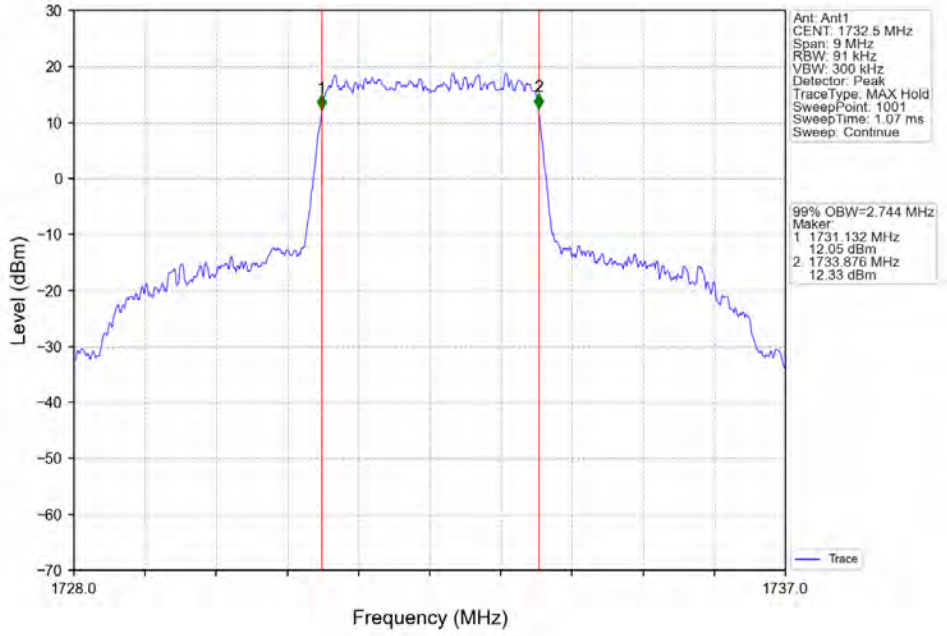
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



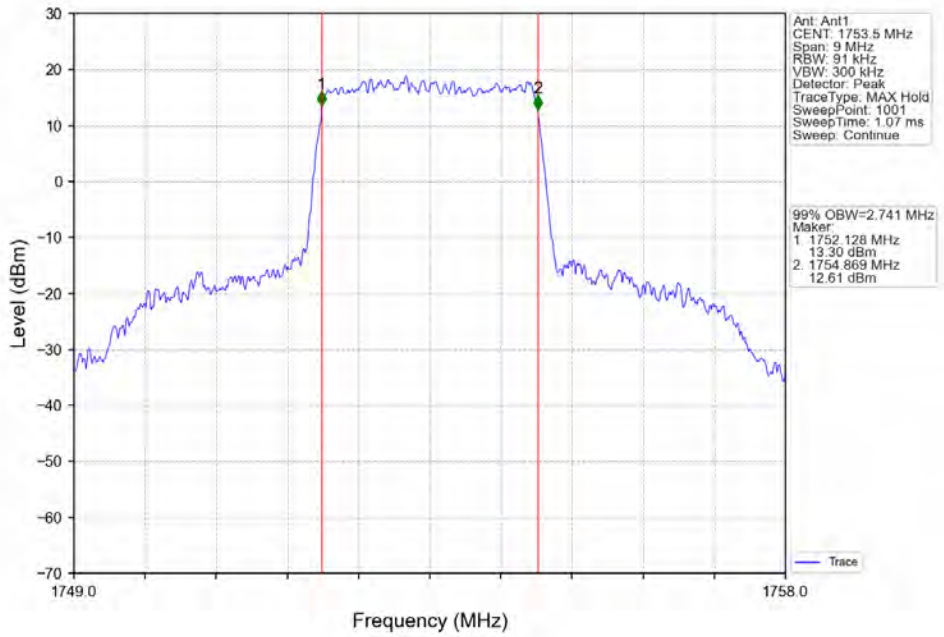
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



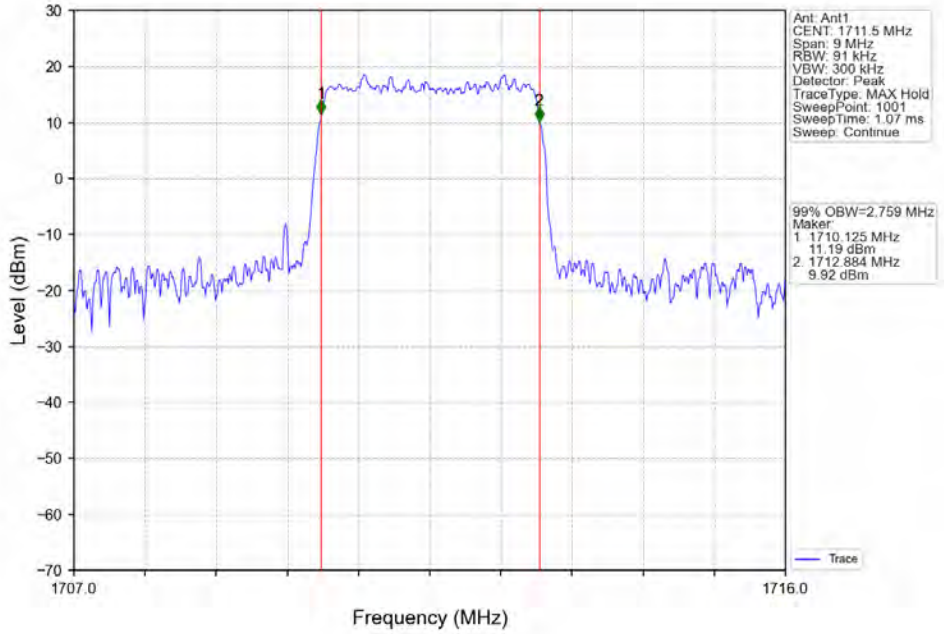
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



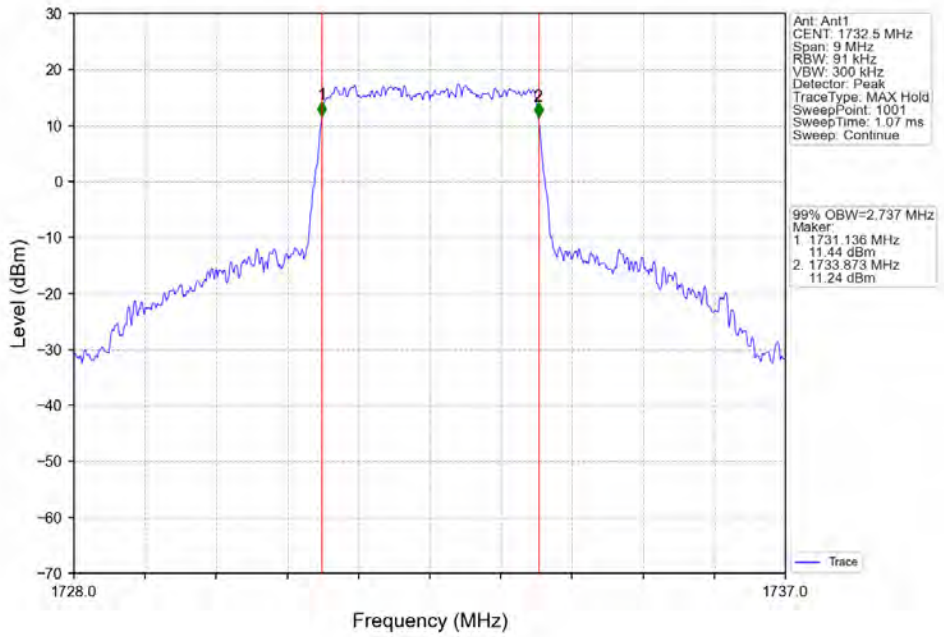
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



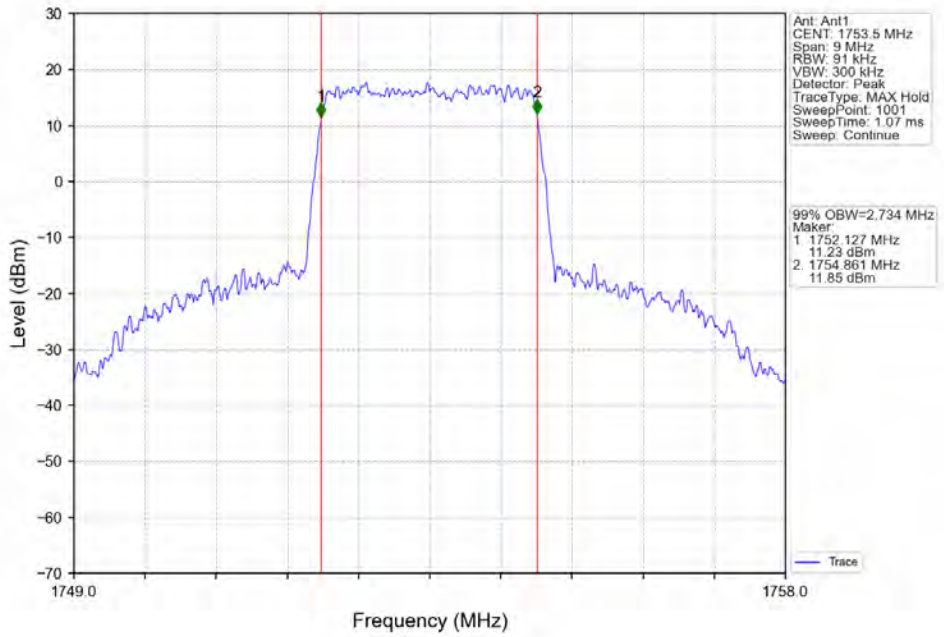
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



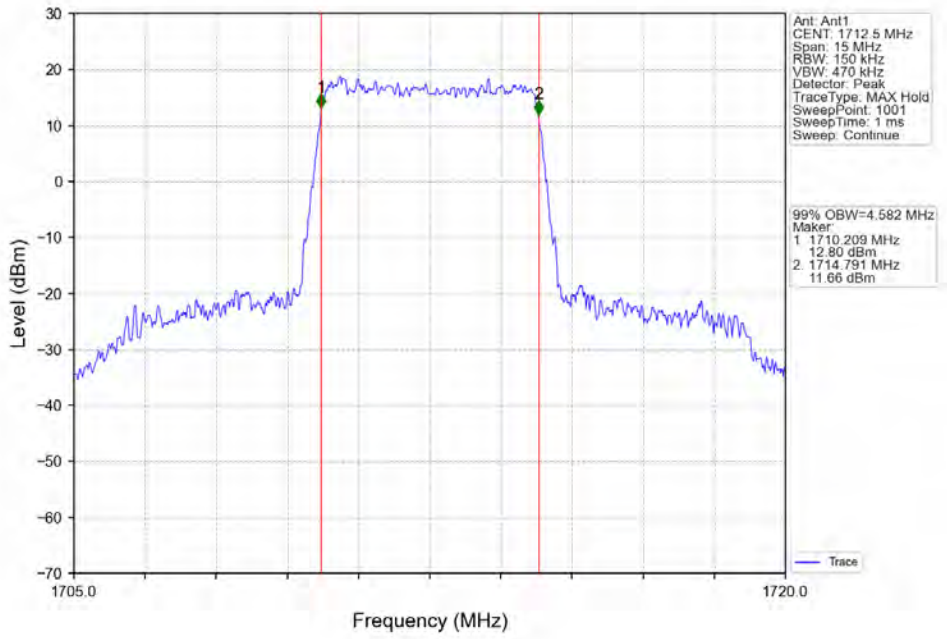
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



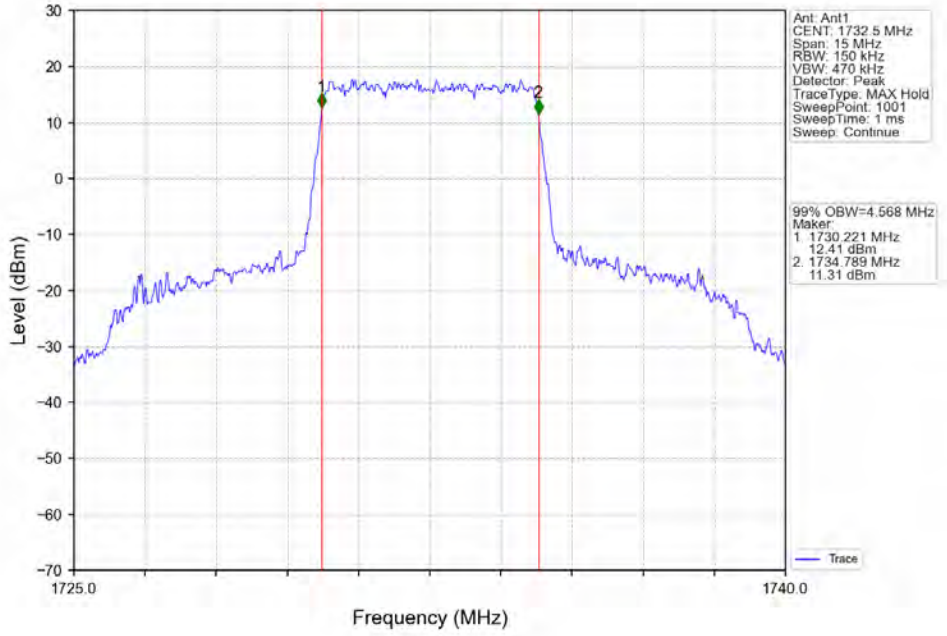
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



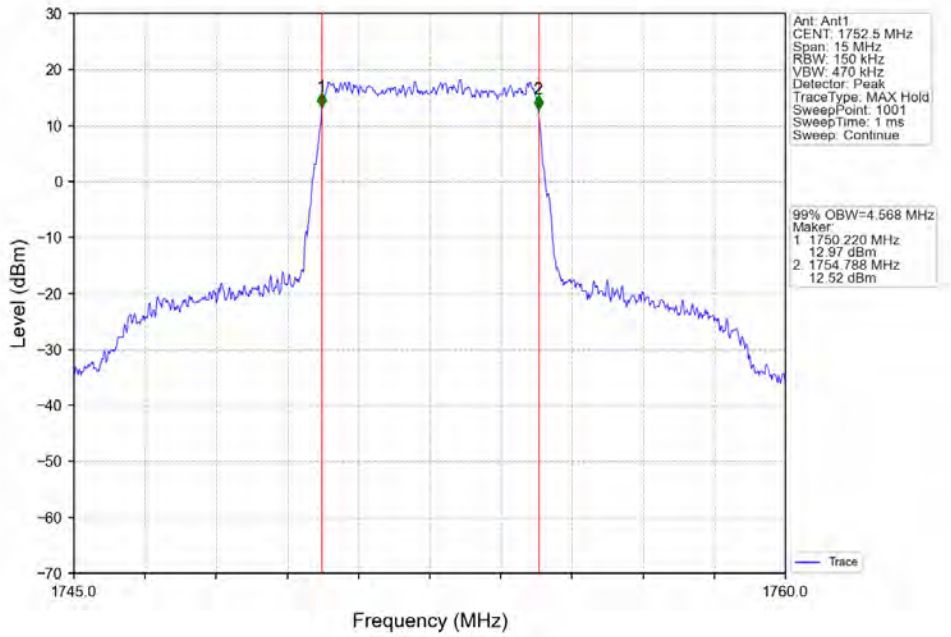
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



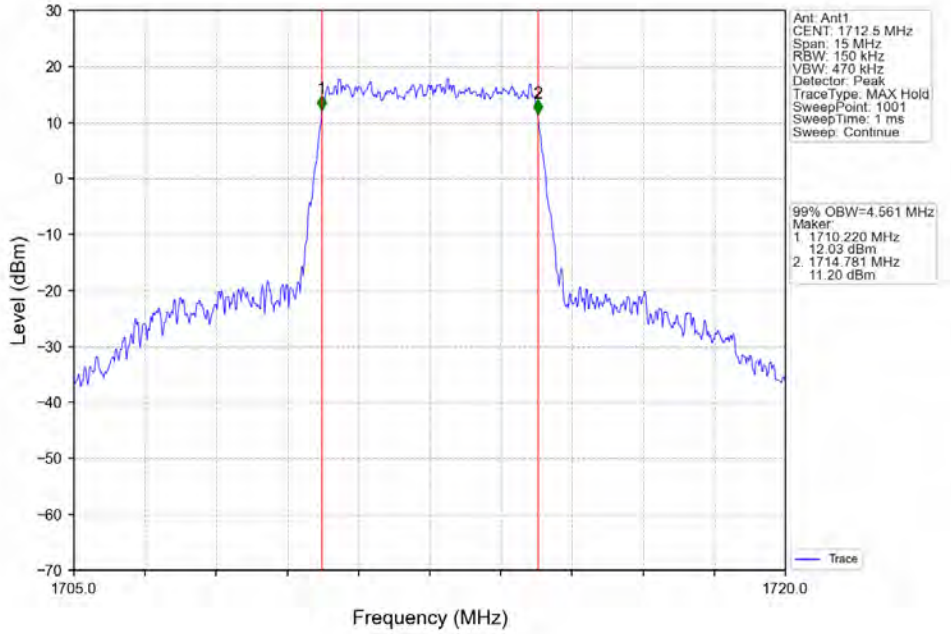
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



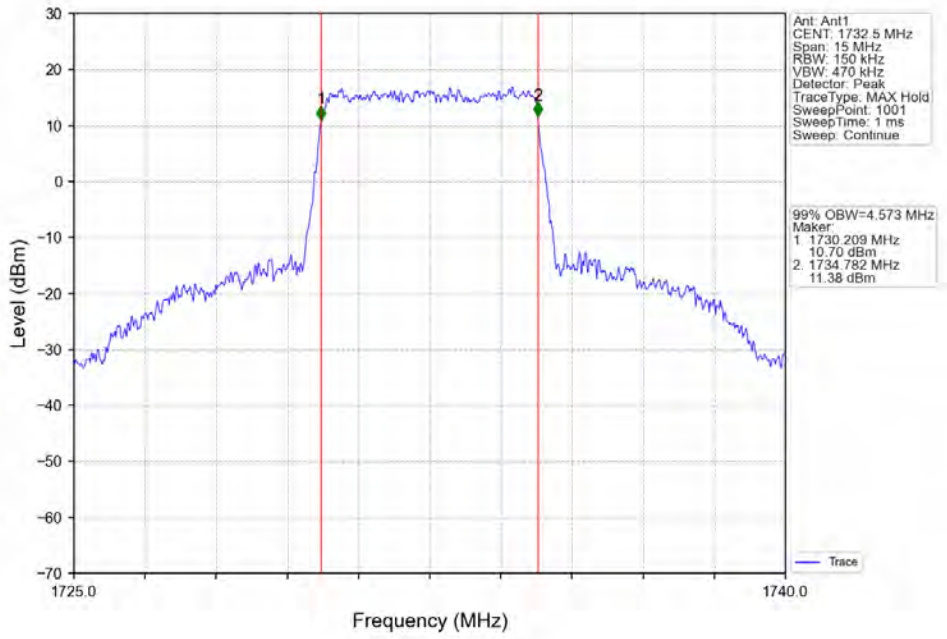
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



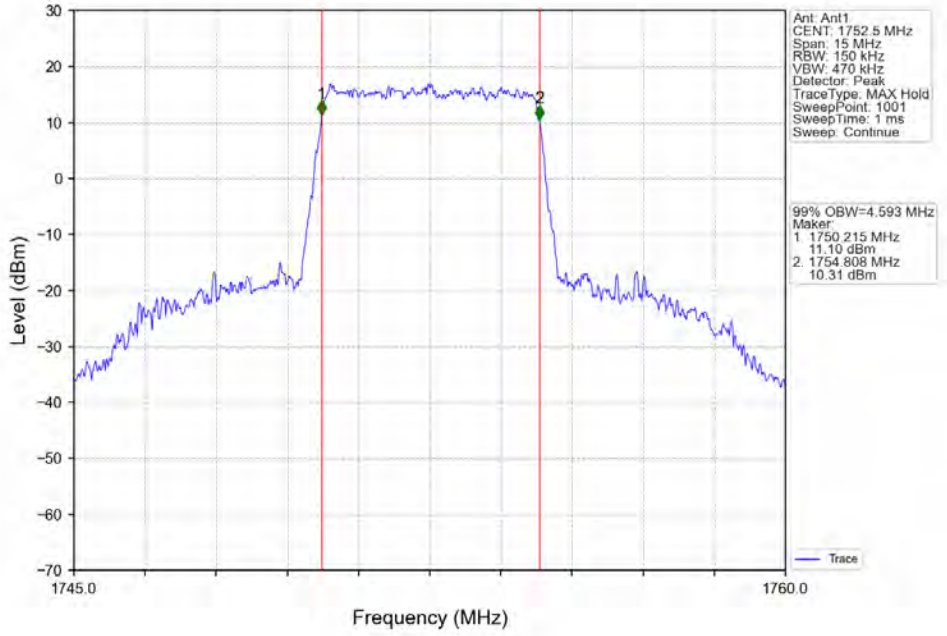
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



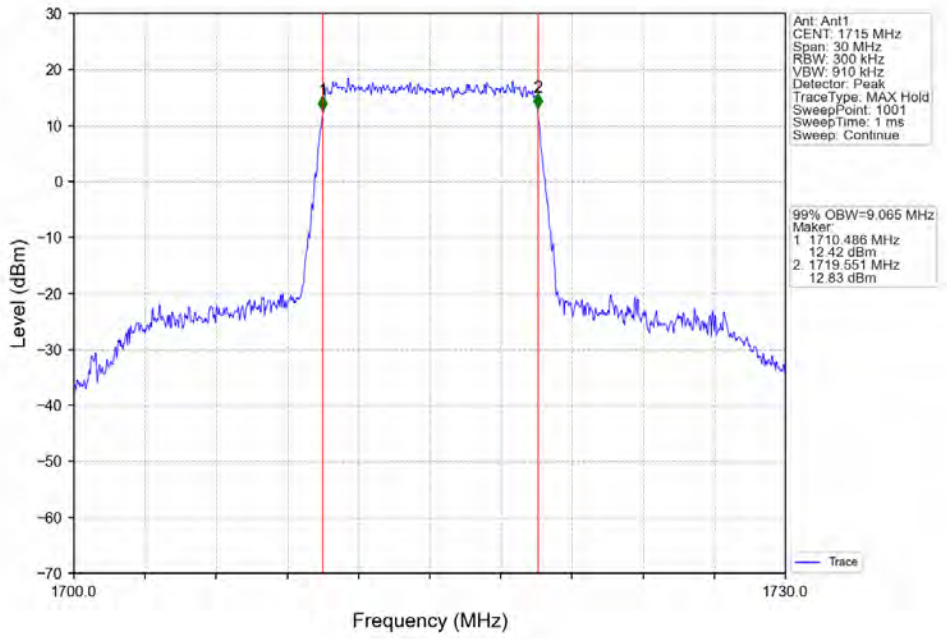
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



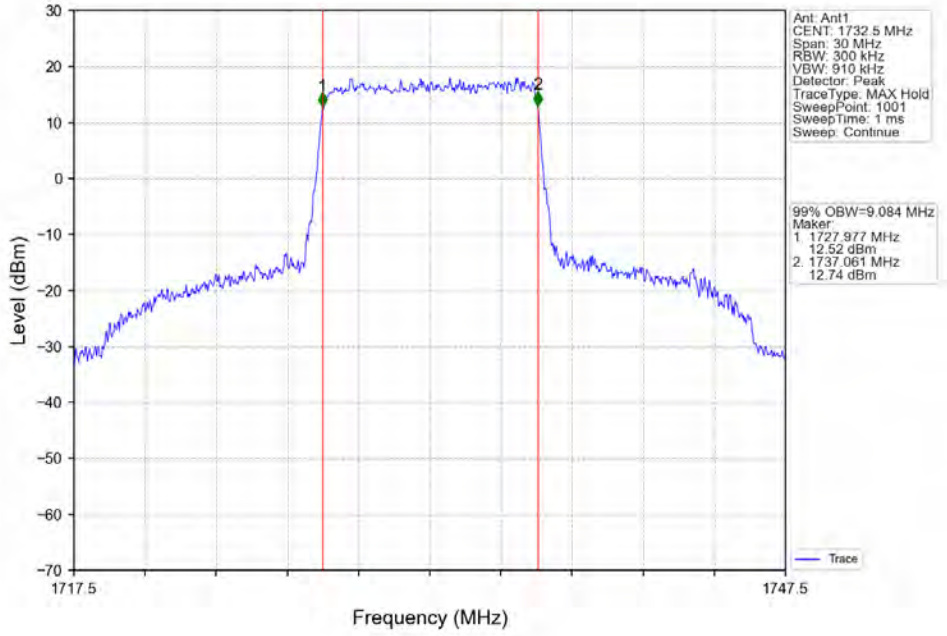
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



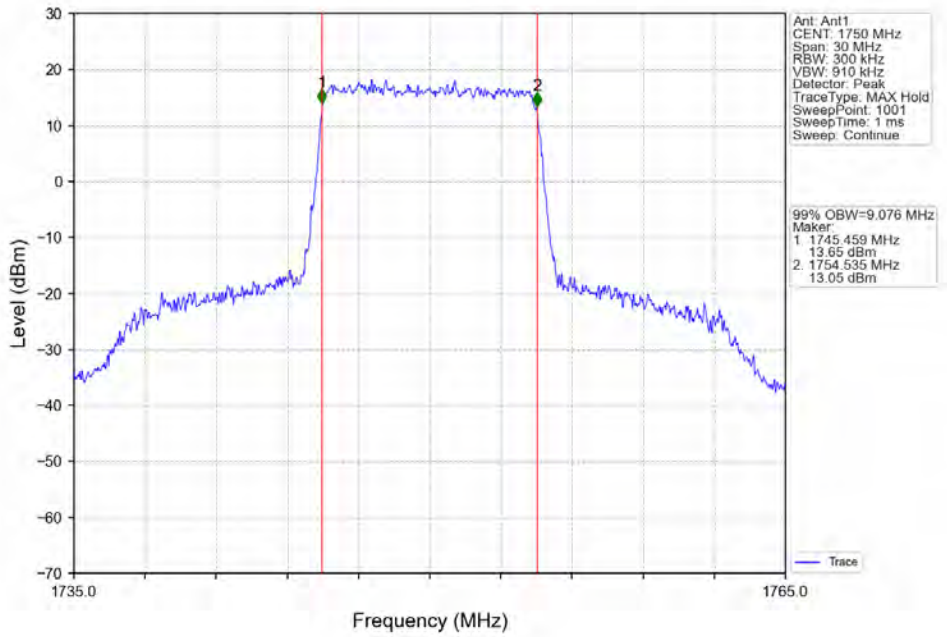
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



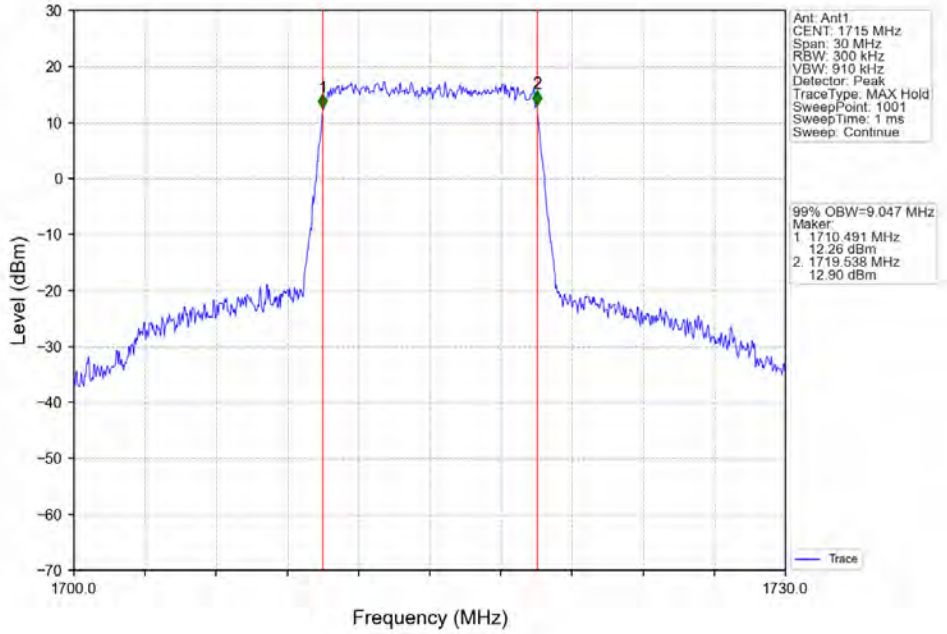
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



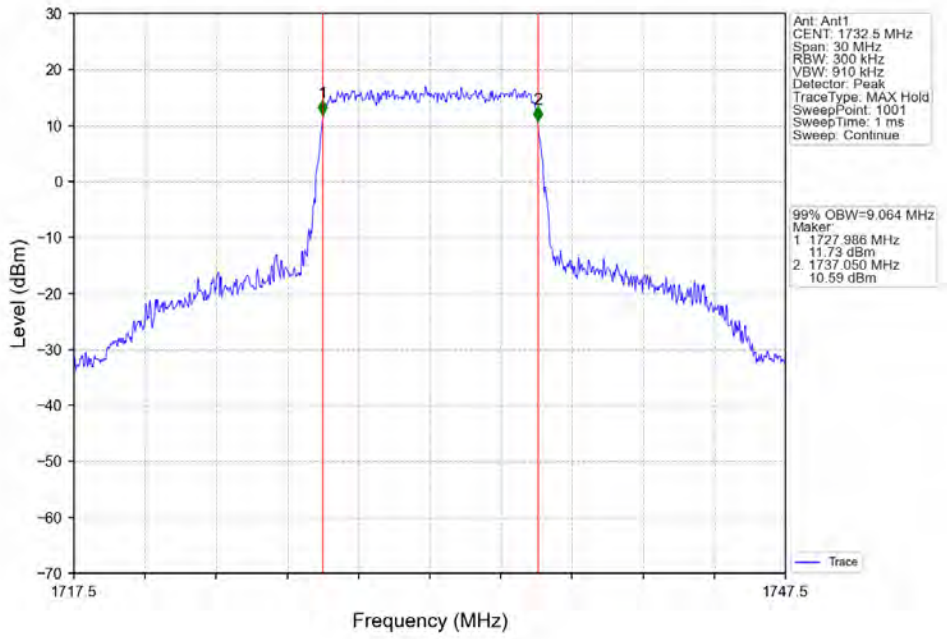
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



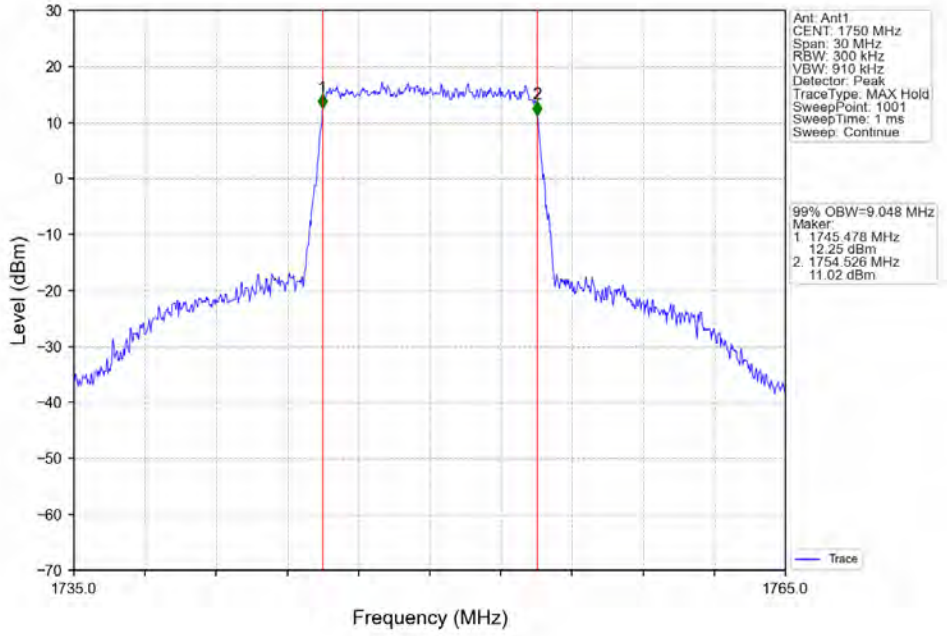
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



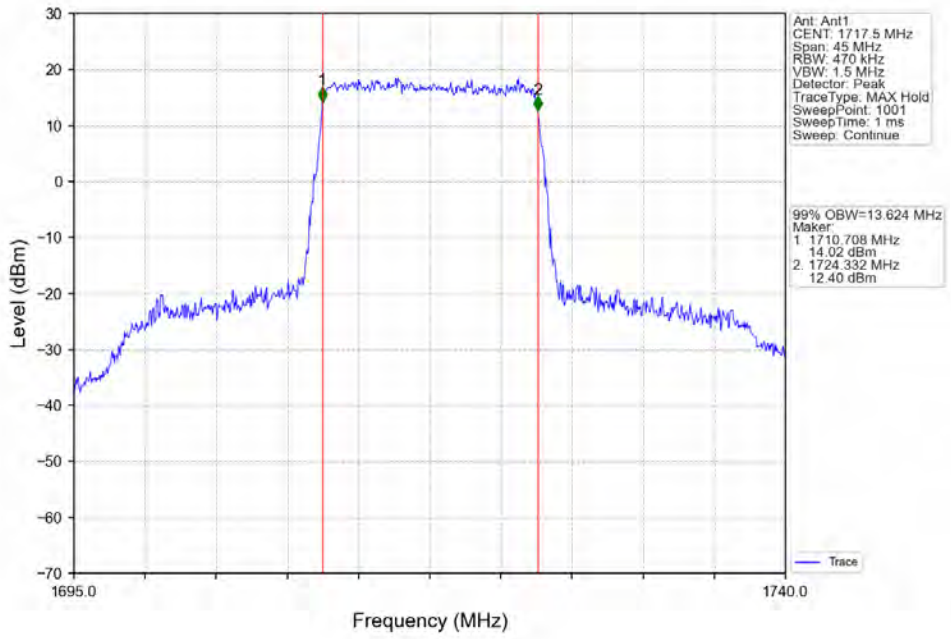
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



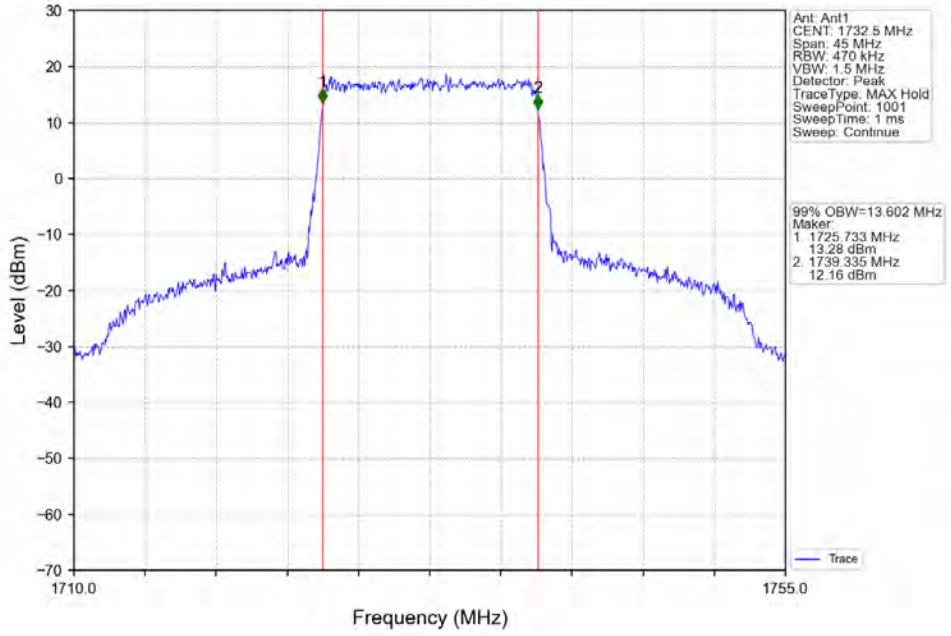
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



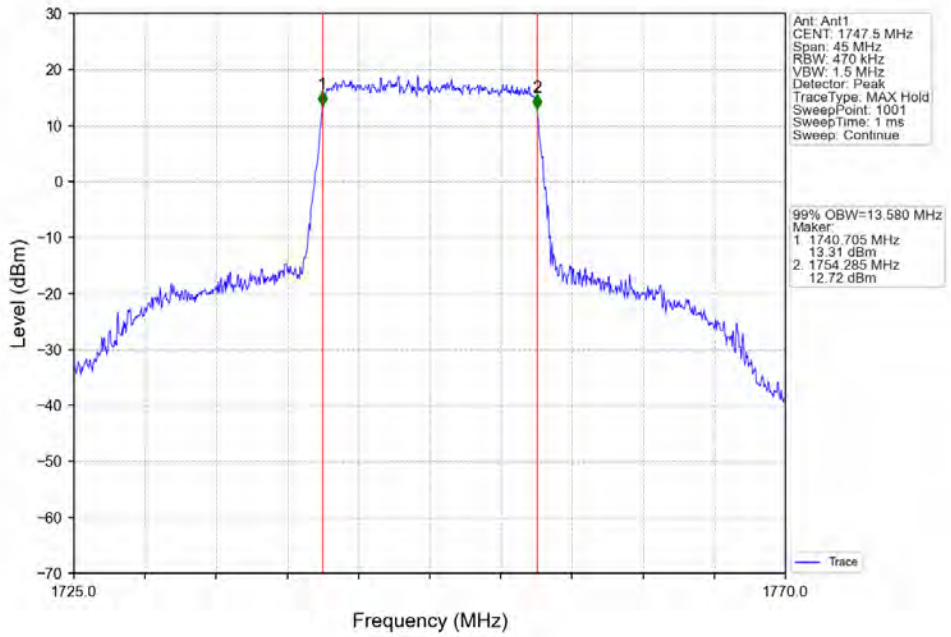
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



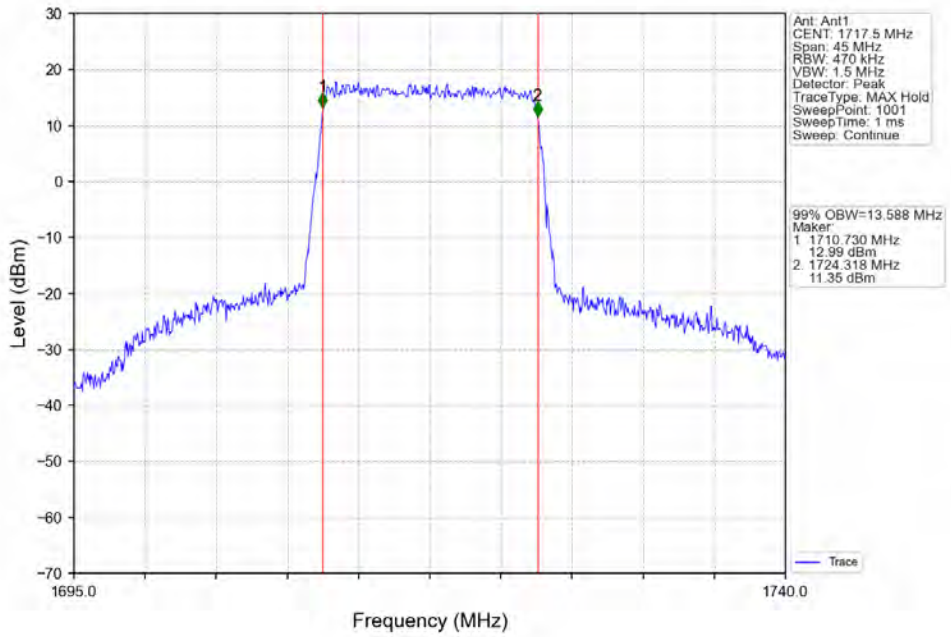
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



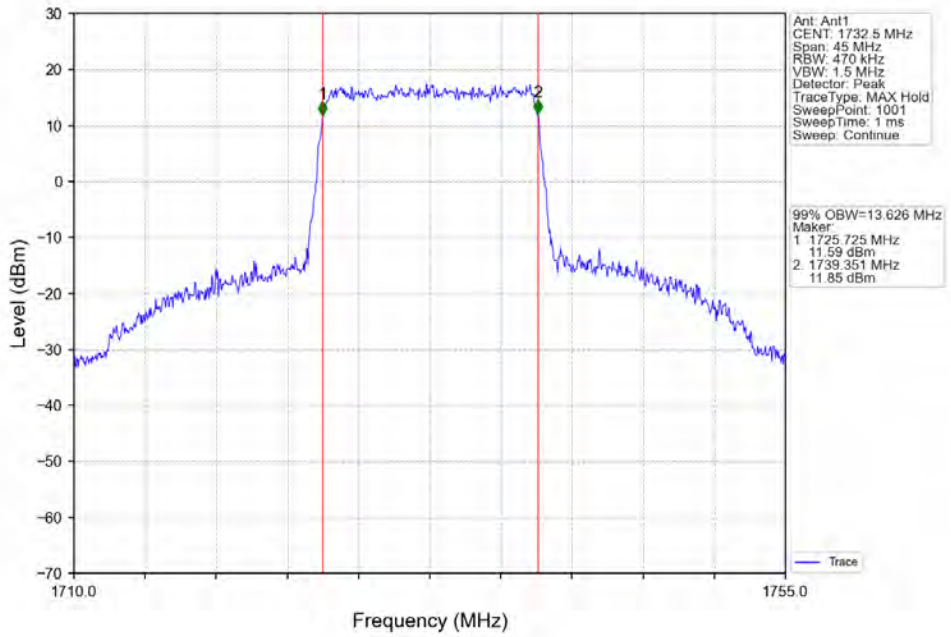
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



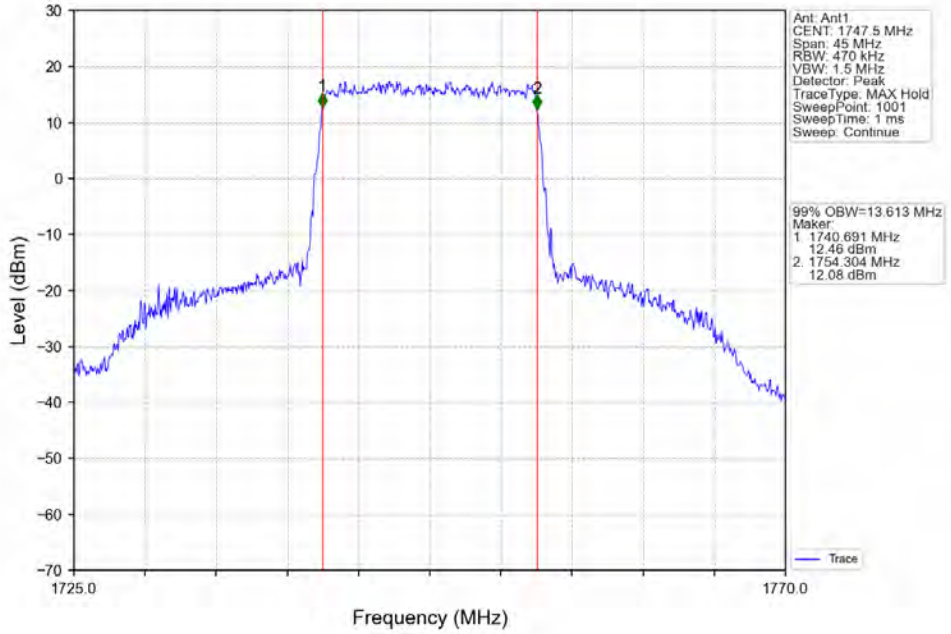
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



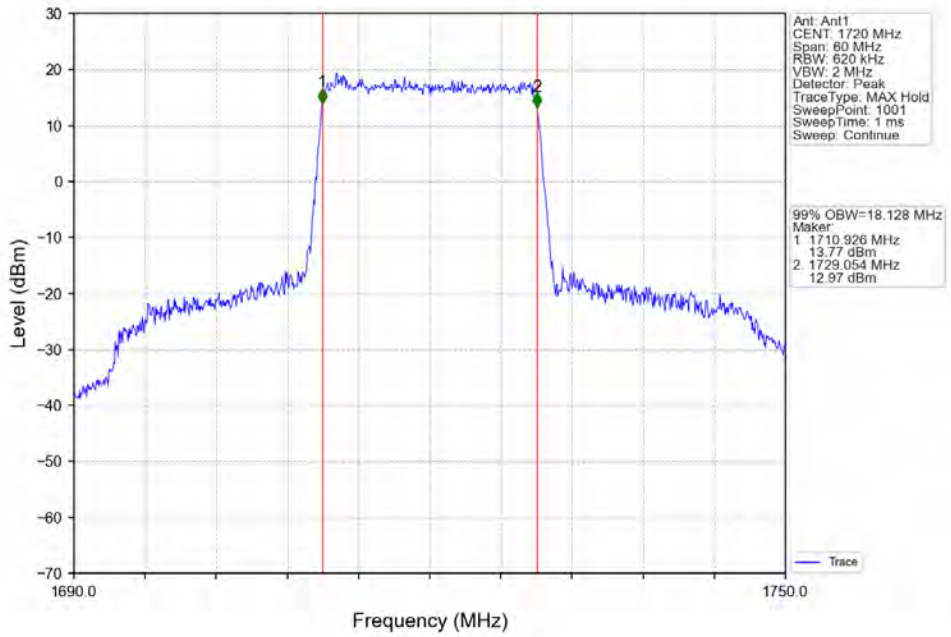
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



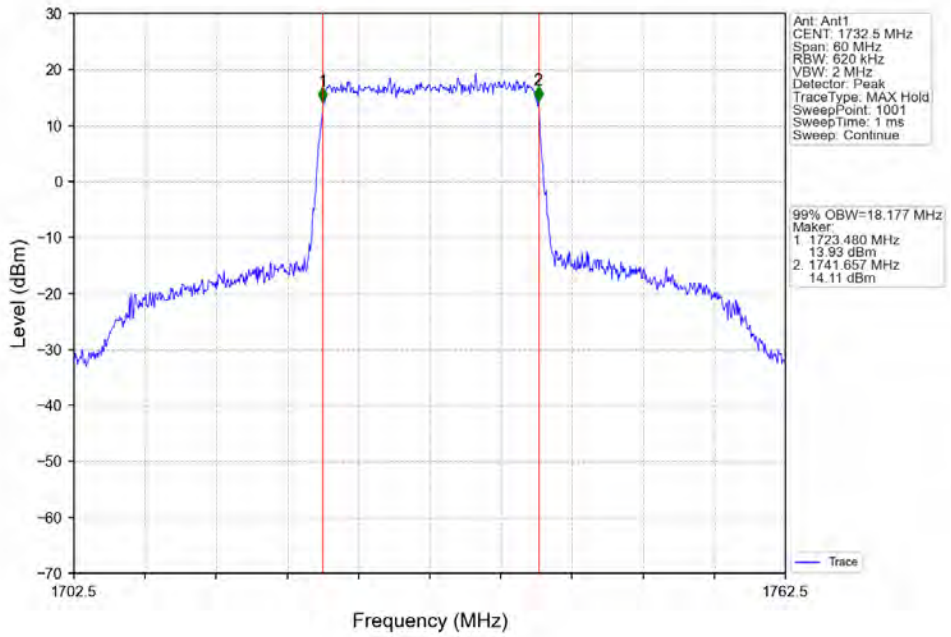
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



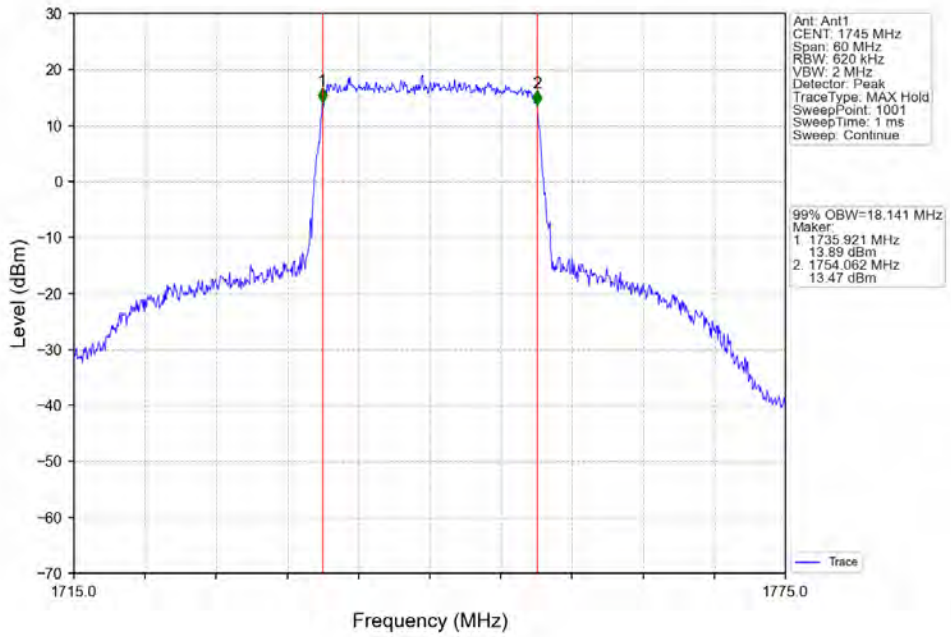
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



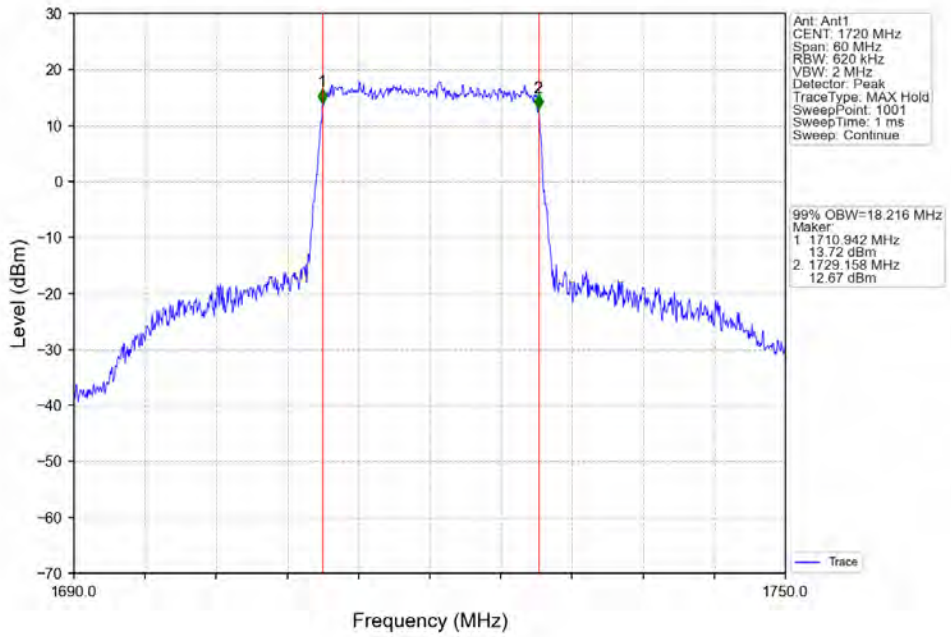
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



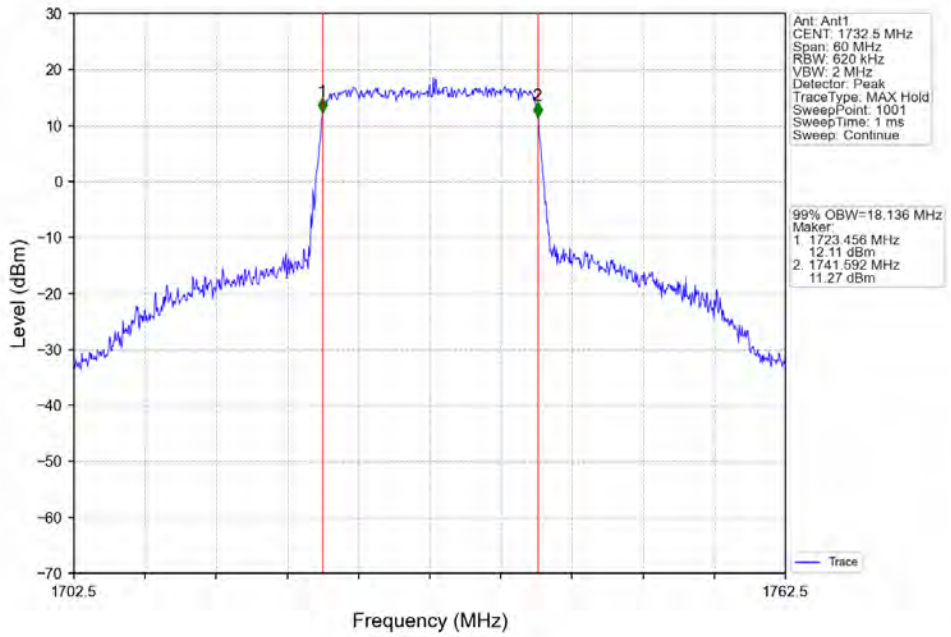
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



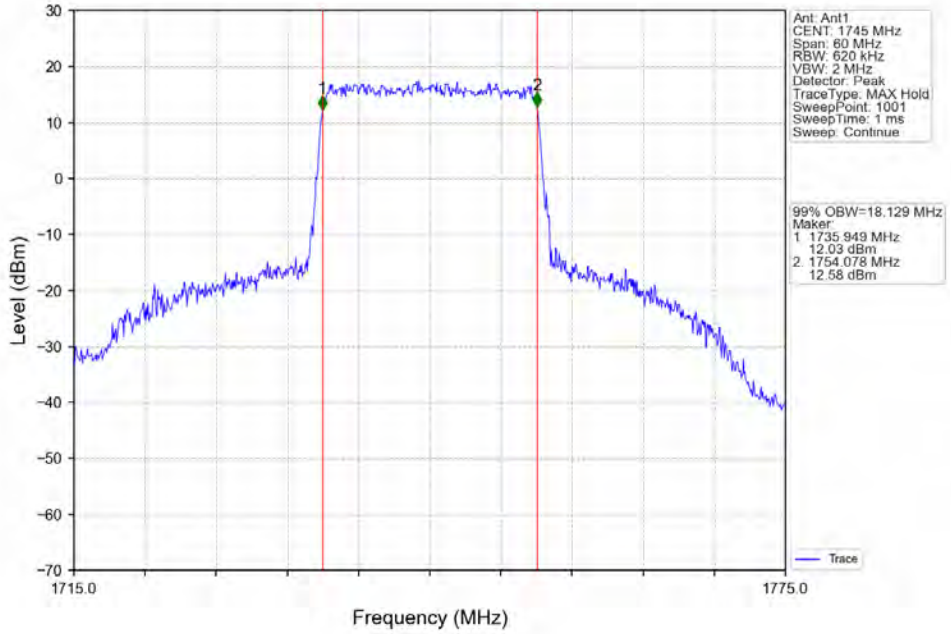
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



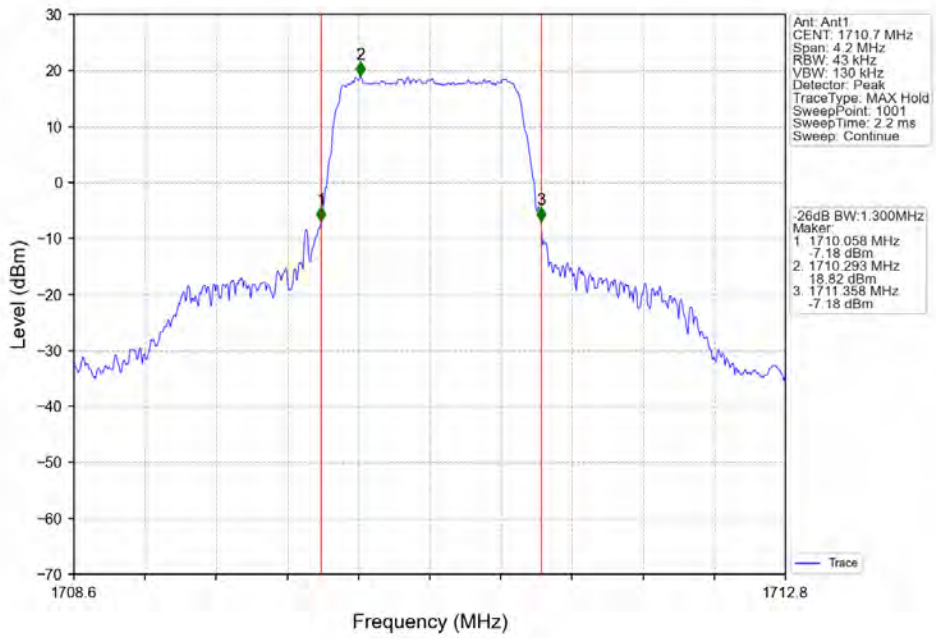
4.2 Band4_XDB

4.2.1 Test Result

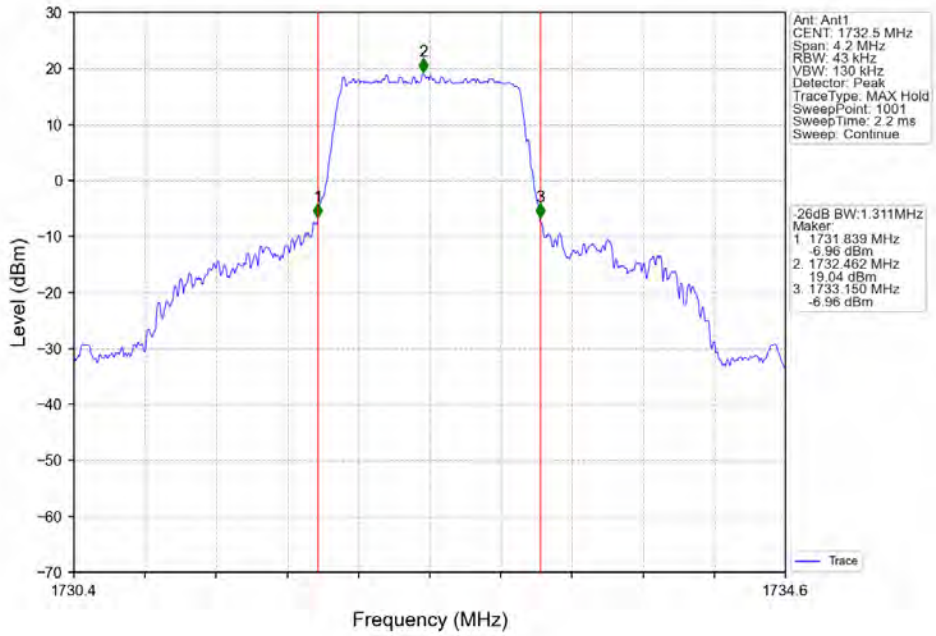
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.300	/	Pass
		1732.5	6	0	1.311	/	Pass
		1754.3	6	0	1.297	/	Pass
	16QAM	1710.7	6	0	1.304	/	Pass
		1732.5	6	0	1.299	/	Pass
		1754.3	6	0	1.292	/	Pass
3	QPSK	1711.5	15	0	3.033	/	Pass
		1732.5	15	0	3.062	/	Pass
		1753.5	15	0	3.046	/	Pass
	16QAM	1711.5	15	0	3.022	/	Pass
		1732.5	15	0	3.040	/	Pass
		1753.5	15	0	3.044	/	Pass
5	QPSK	1712.5	25	0	5.107	/	Pass
		1732.5	25	0	5.139	/	Pass
		1752.5	25	0	5.142	/	Pass
	16QAM	1712.5	25	0	5.148	/	Pass
		1732.5	25	0	5.186	/	Pass
		1752.5	25	0	5.178	/	Pass
10	QPSK	1715	50	0	10.047	/	Pass
		1732.5	50	0	10.142	/	Pass
		1750	50	0	10.042	/	Pass
	16QAM	1715	50	0	10.011	/	Pass
		1732.5	50	0	10.158	/	Pass
		1750	50	0	10.128	/	Pass
15	QPSK	1717.5	75	0	15.163	/	Pass
		1732.5	75	0	15.223	/	Pass
		1747.5	75	0	15.092	/	Pass
	16QAM	1717.5	75	0	15.092	/	Pass
		1732.5	75	0	15.115	/	Pass
		1747.5	75	0	14.969	/	Pass
20	QPSK	1720	100	0	19.846	/	Pass
		1732.5	100	0	19.909	/	Pass
		1745	100	0	19.969	/	Pass
	16QAM	1720	100	0	19.880	/	Pass
		1732.5	100	0	20.016	/	Pass
		1745	100	0	20.077	/	Pass

4.2.2 Test Graph

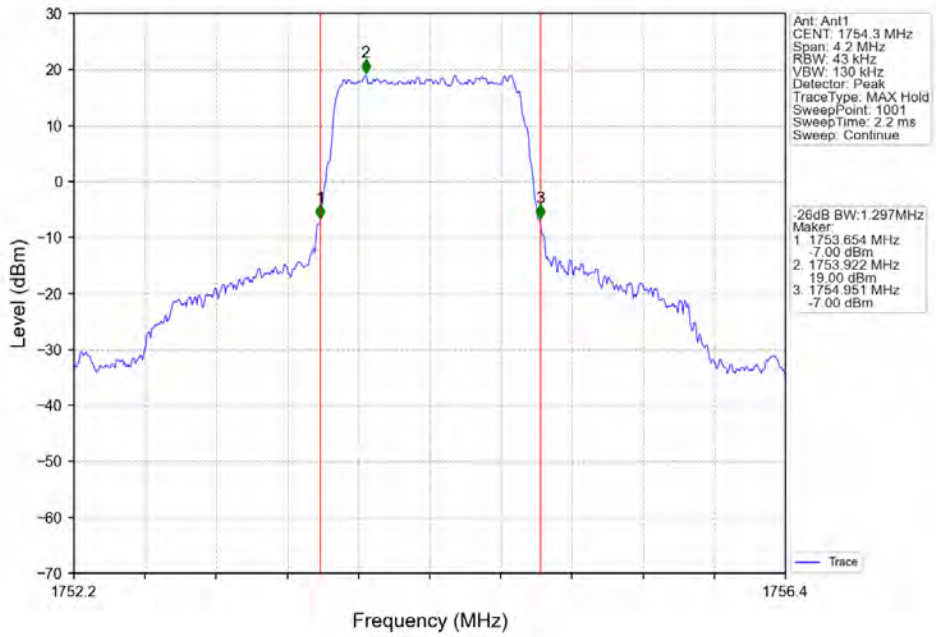
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



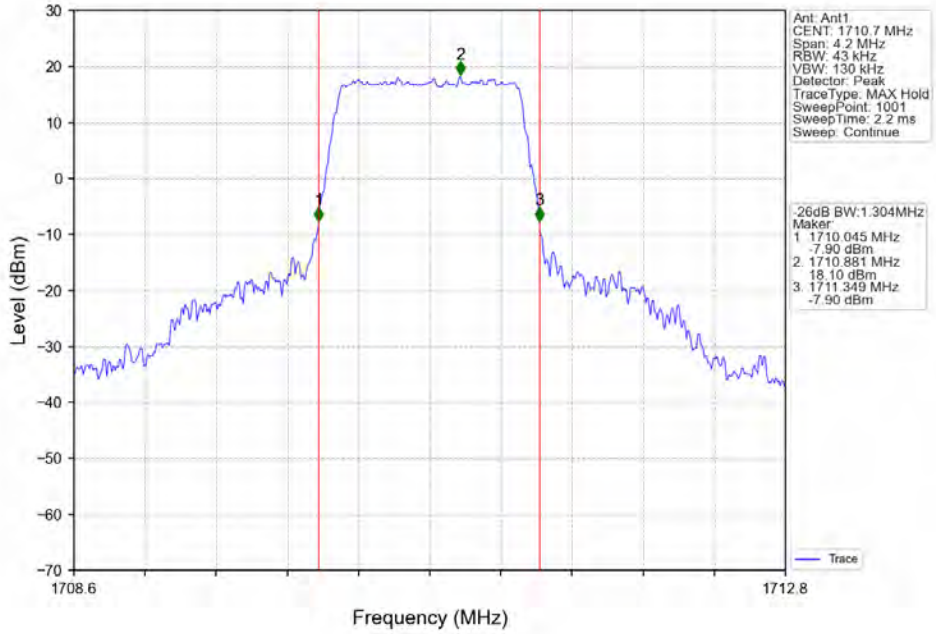
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



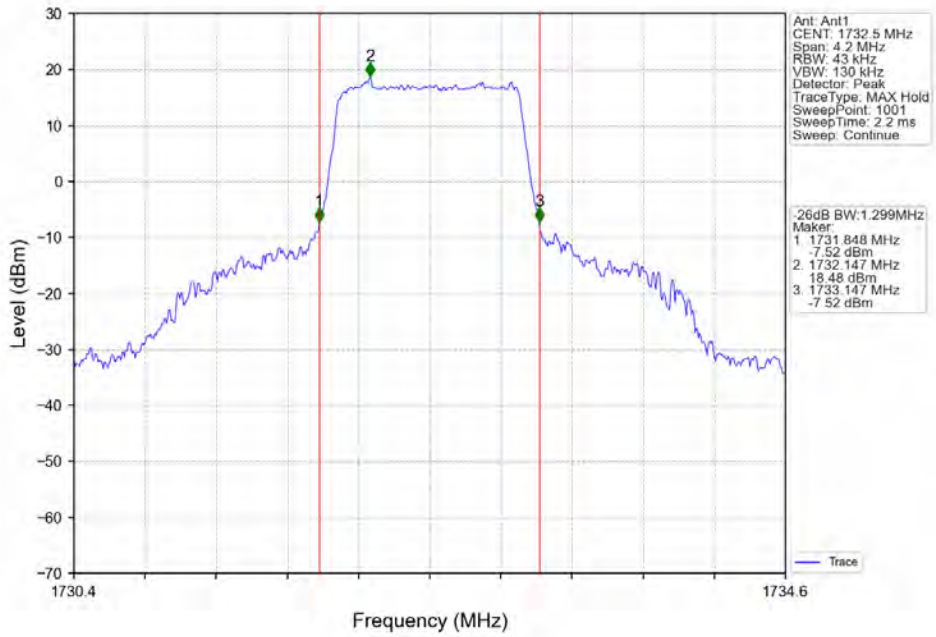
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



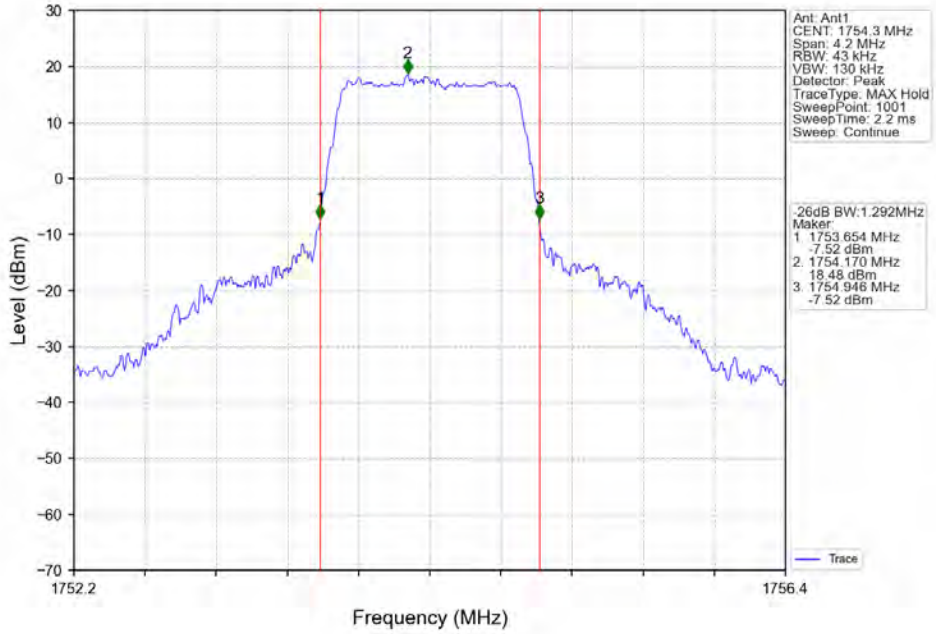
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



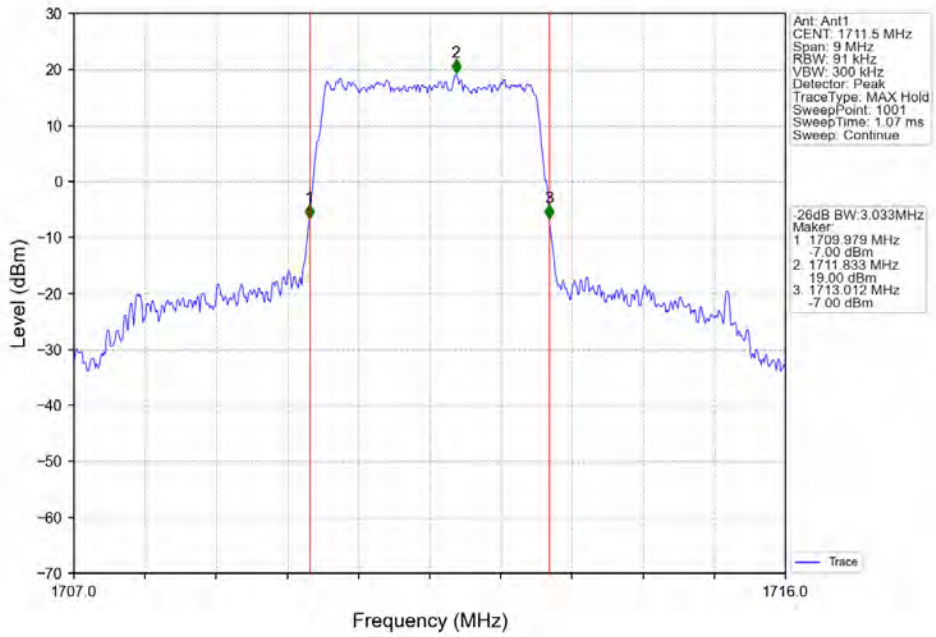
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



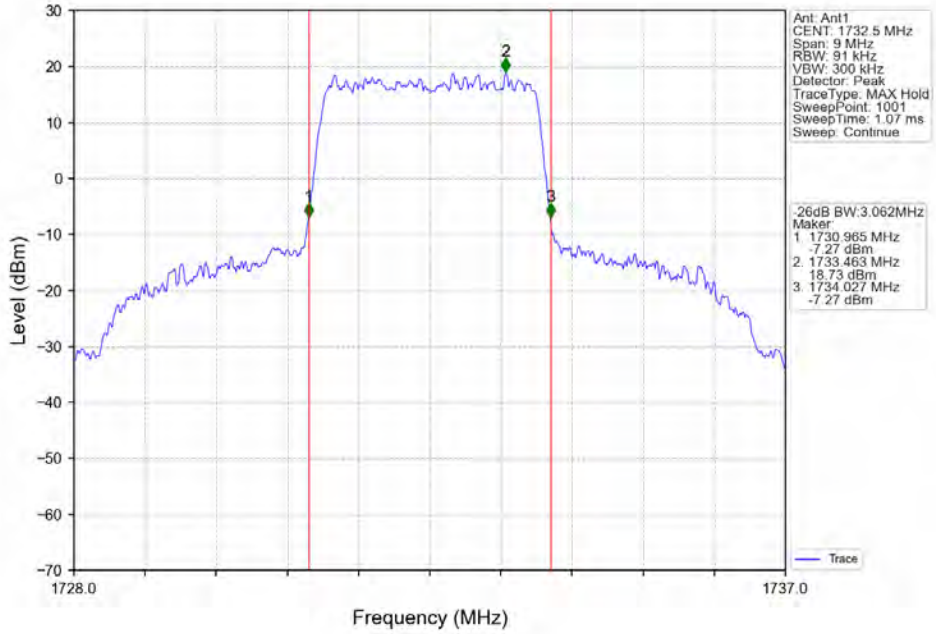
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



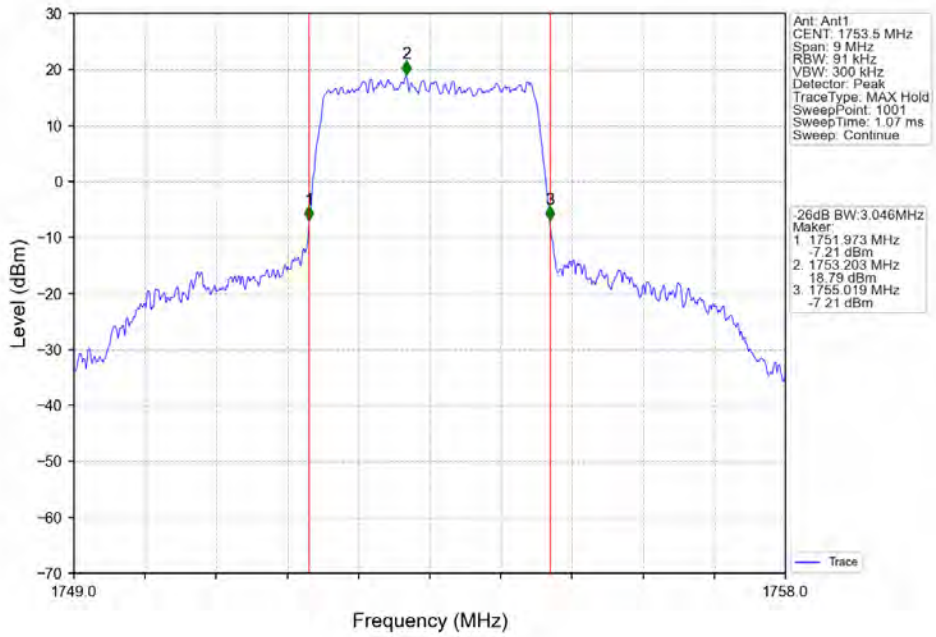
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



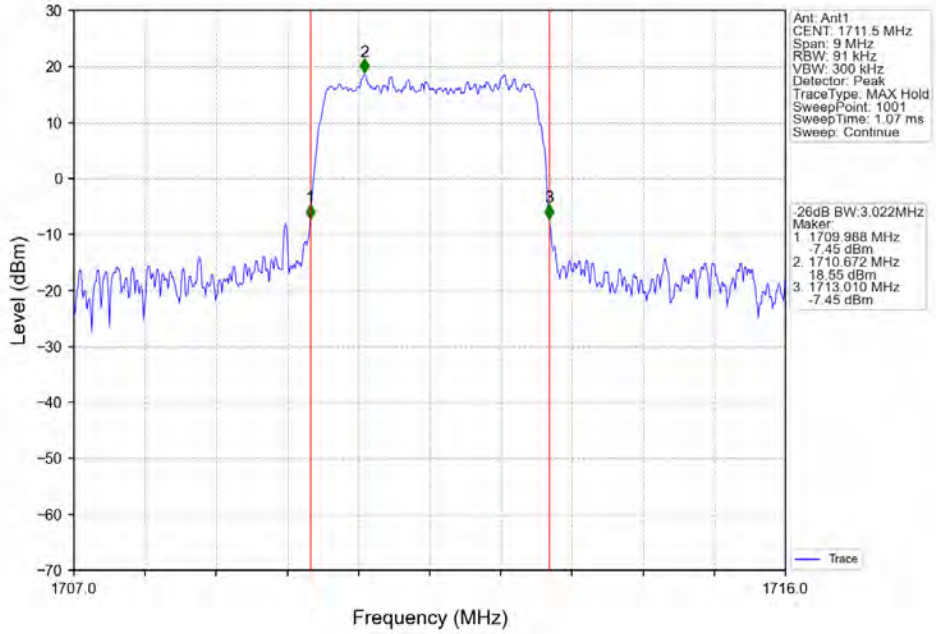
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



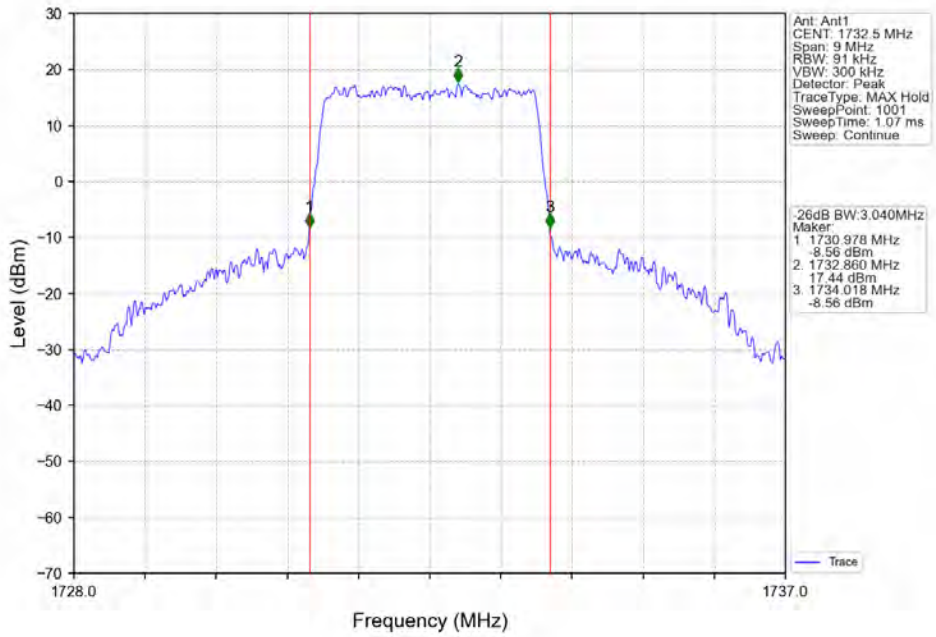
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



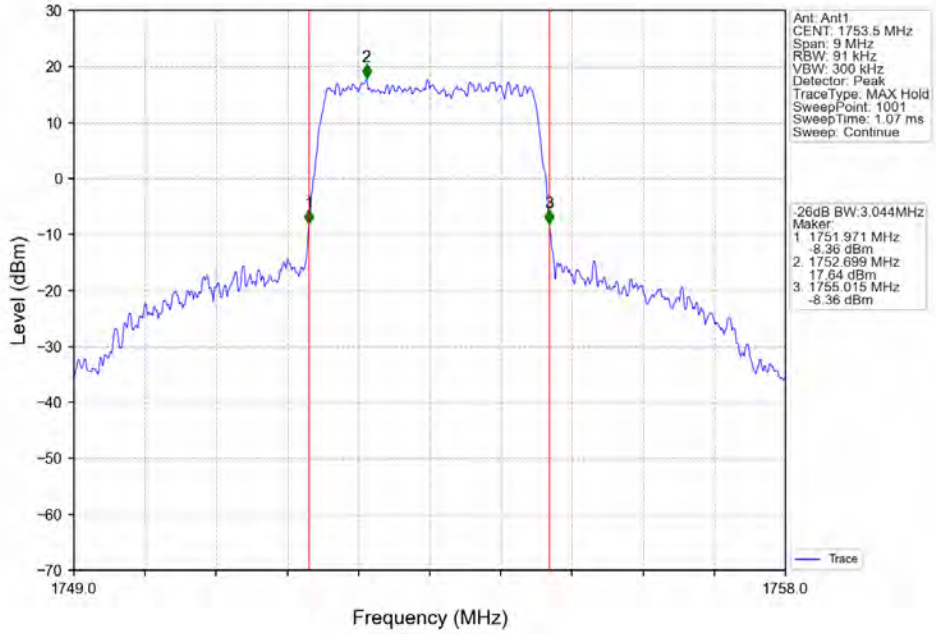
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



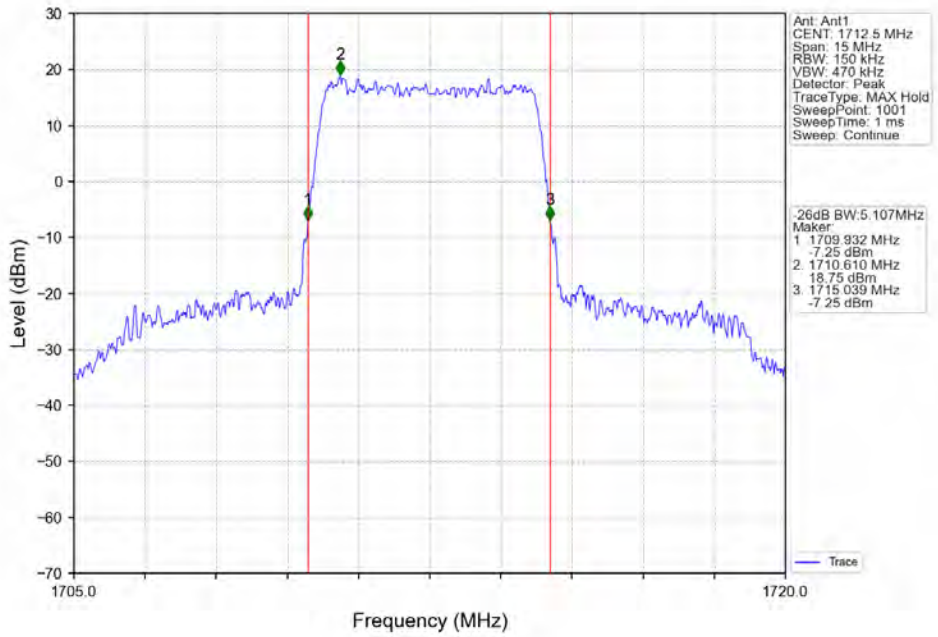
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



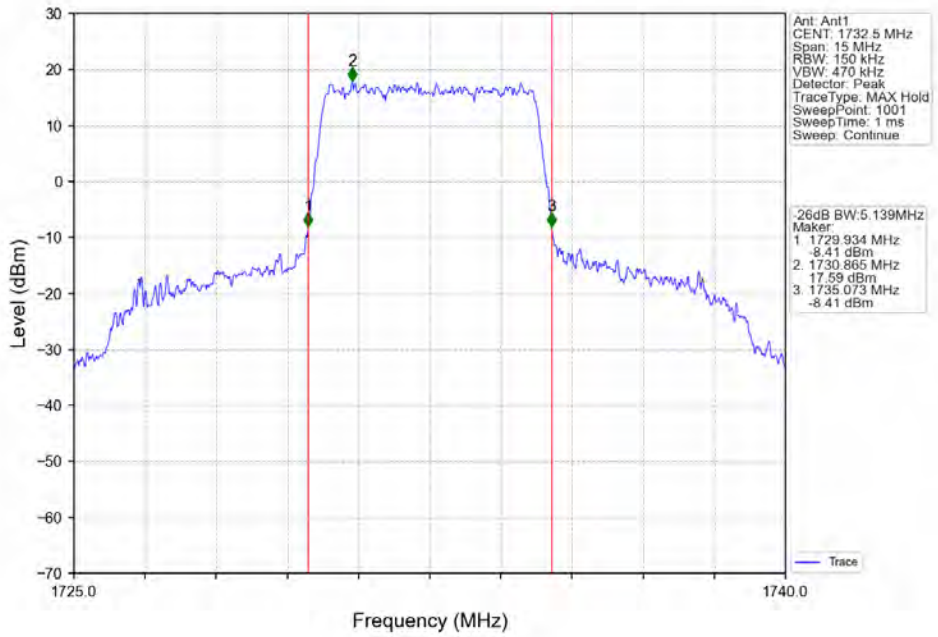
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



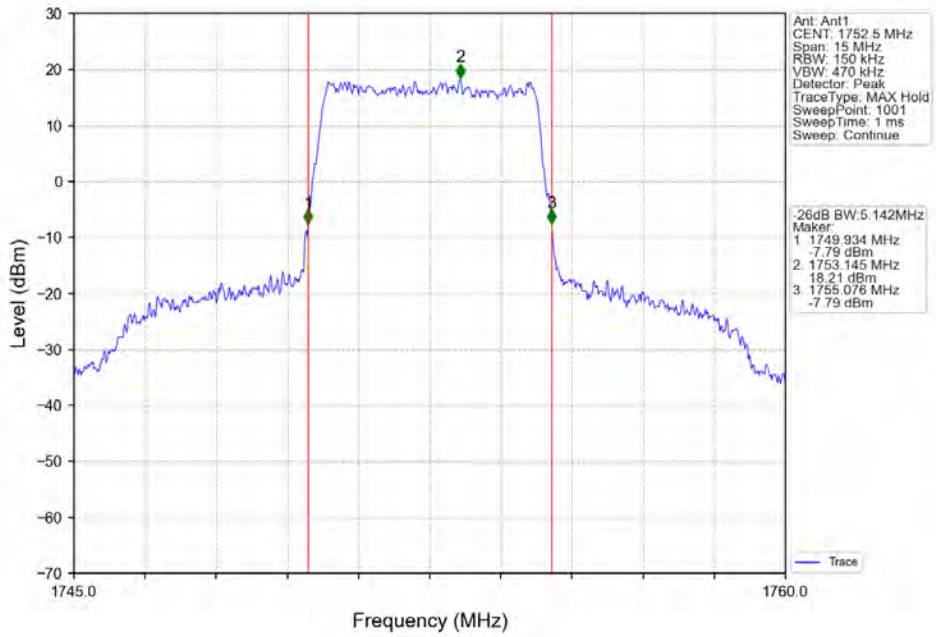
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



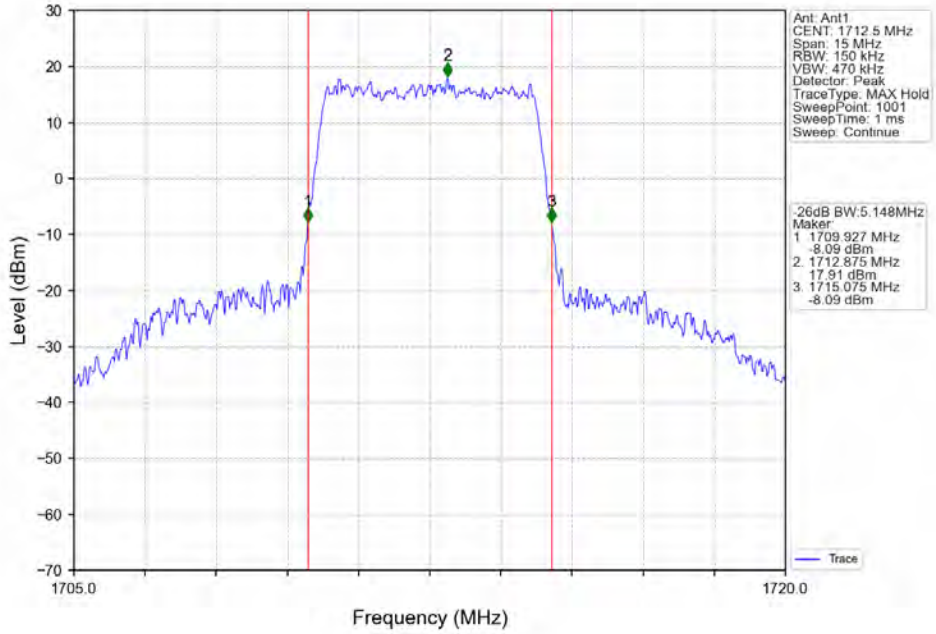
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



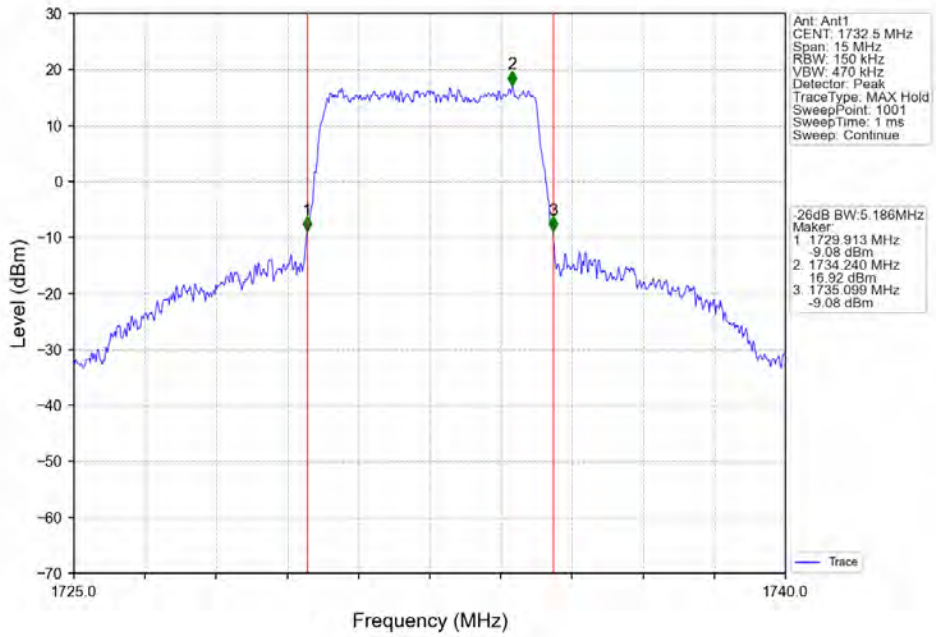
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



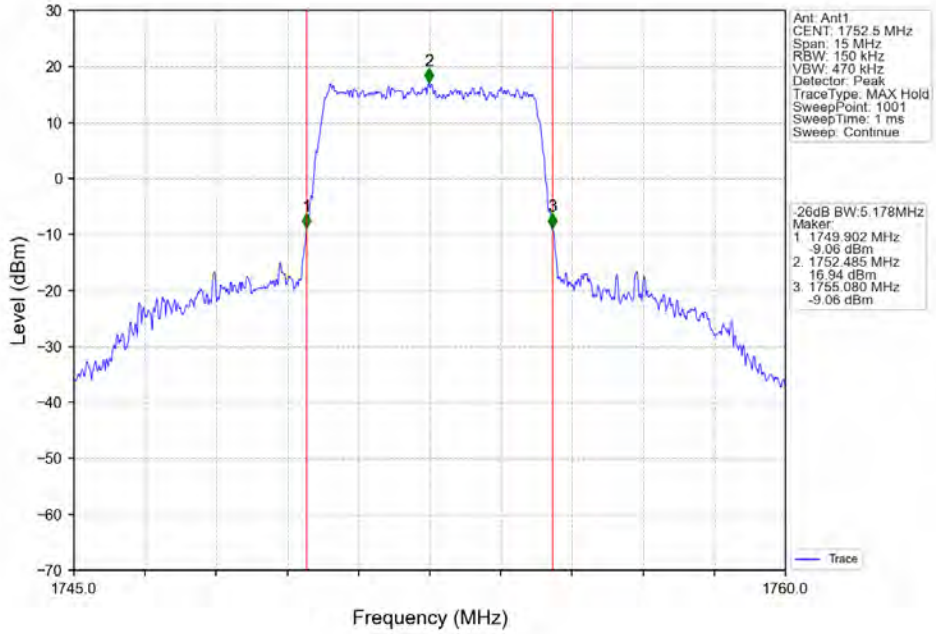
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



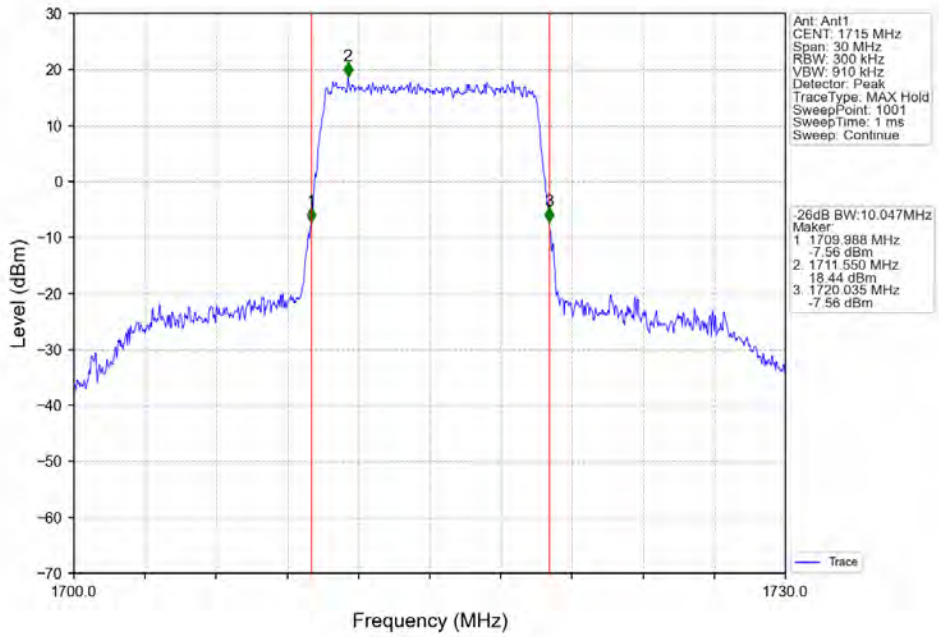
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



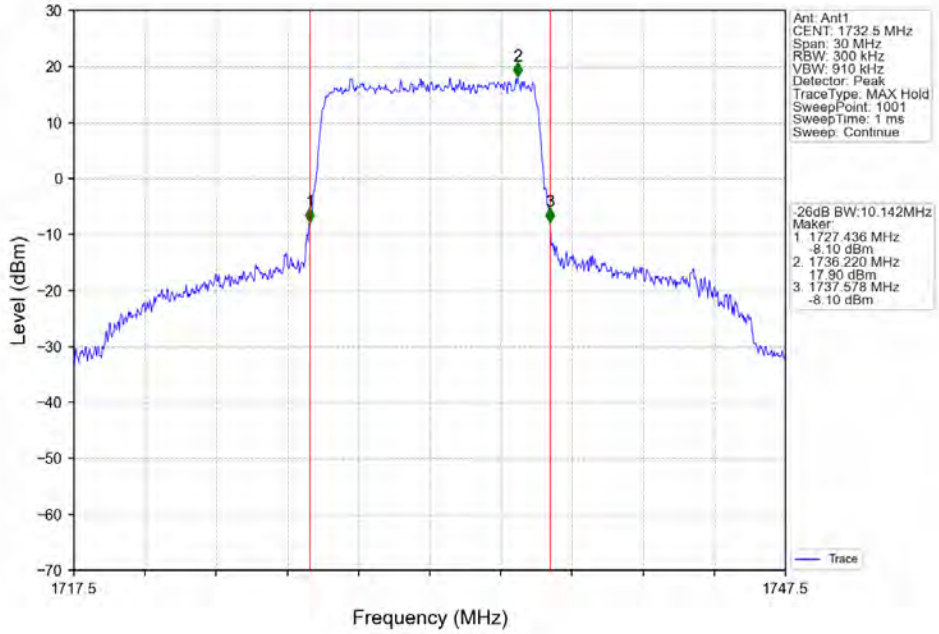
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



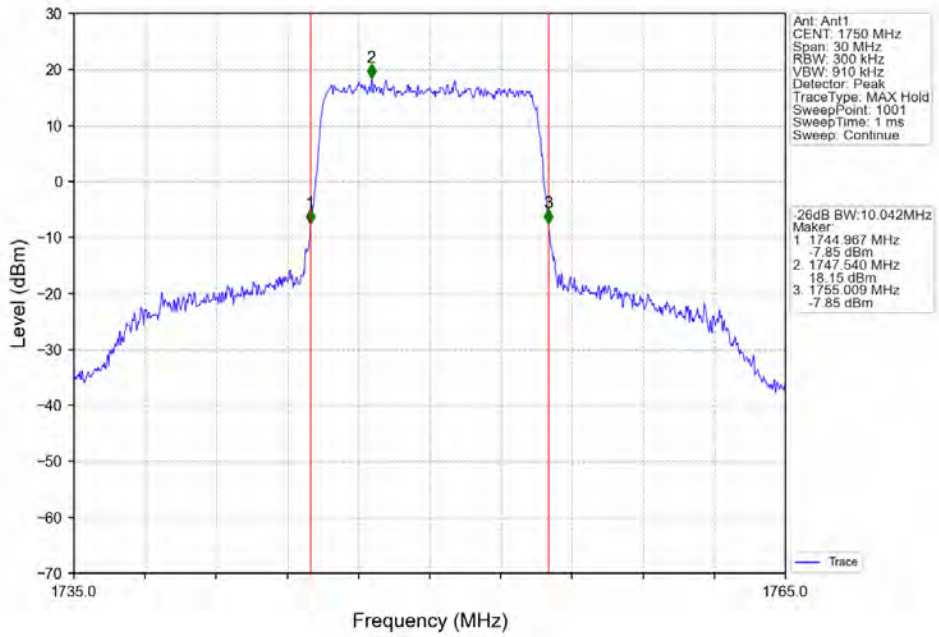
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



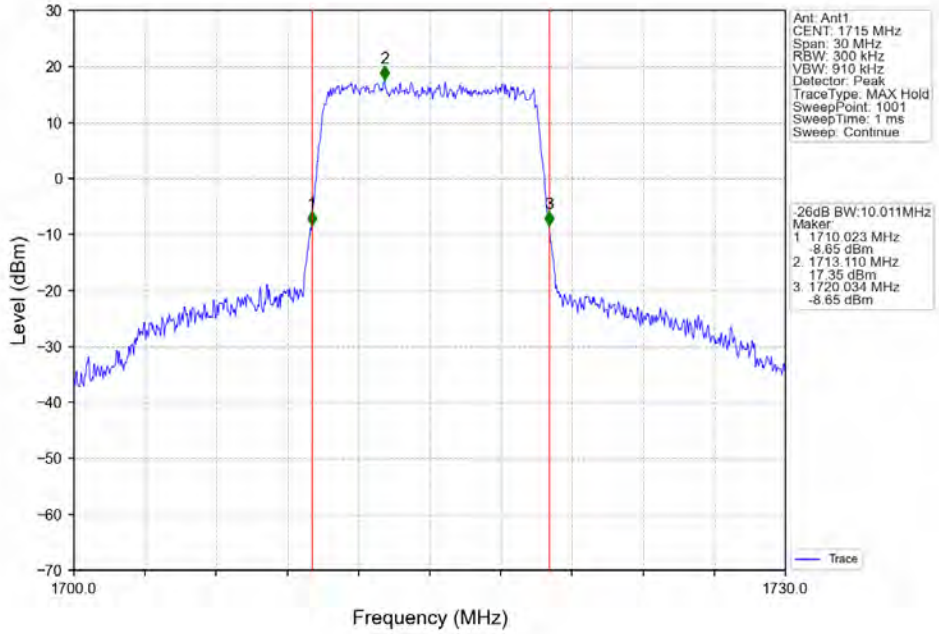
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



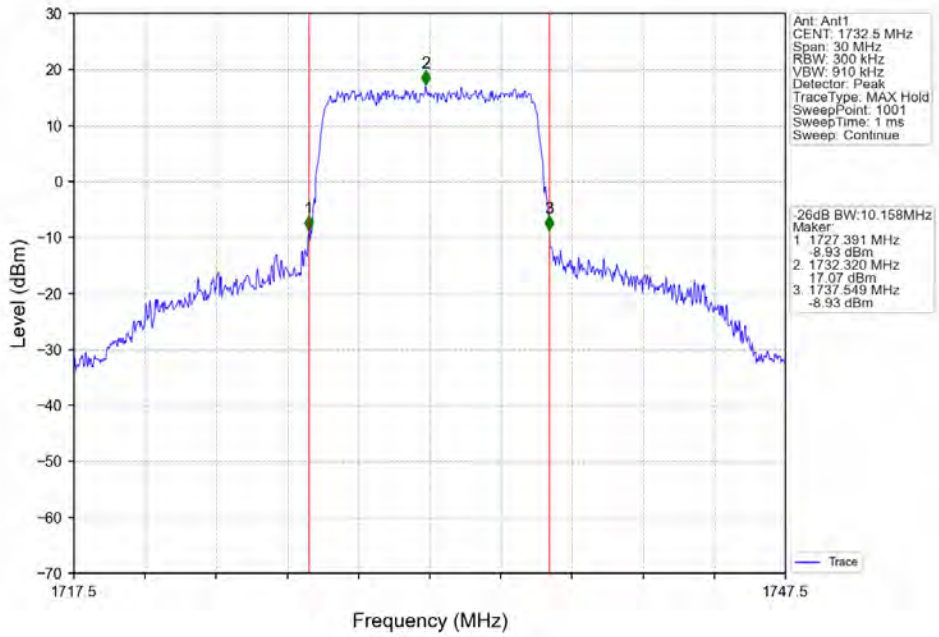
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



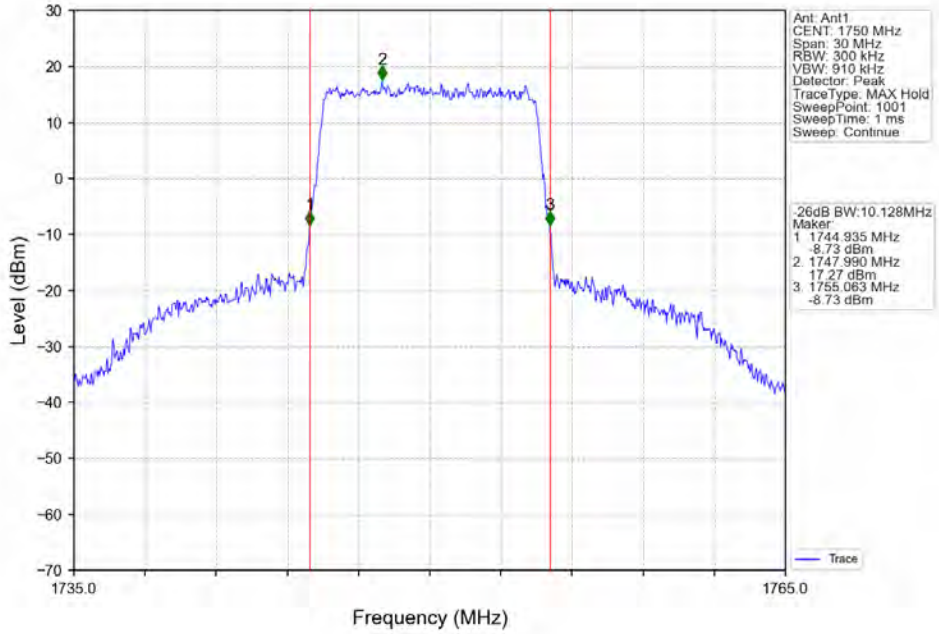
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



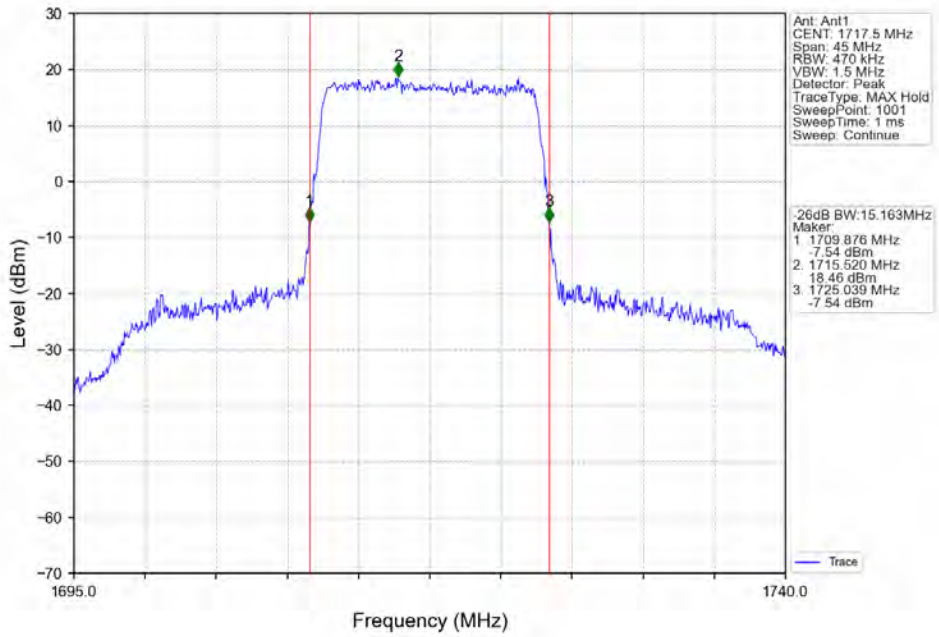
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



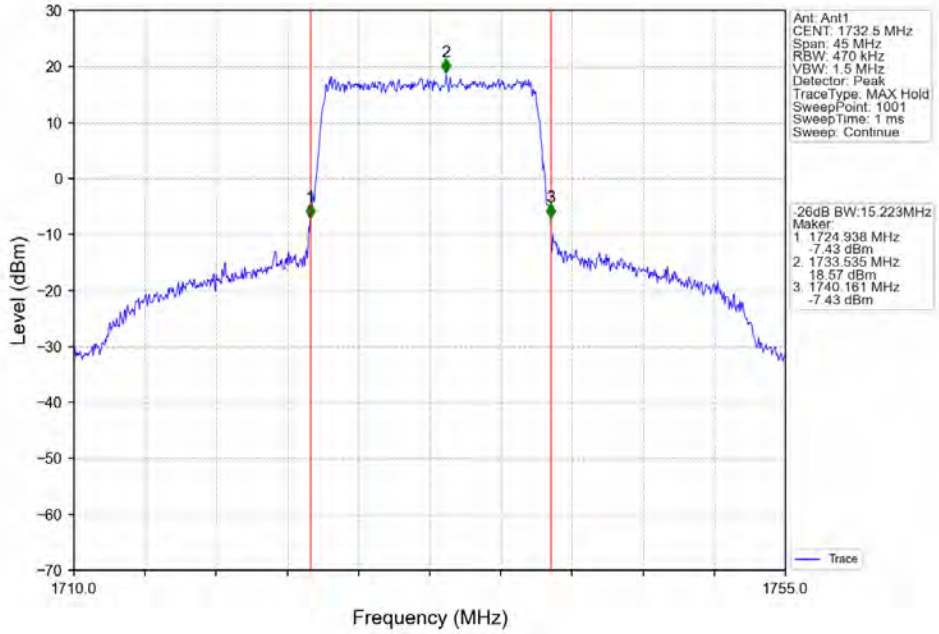
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



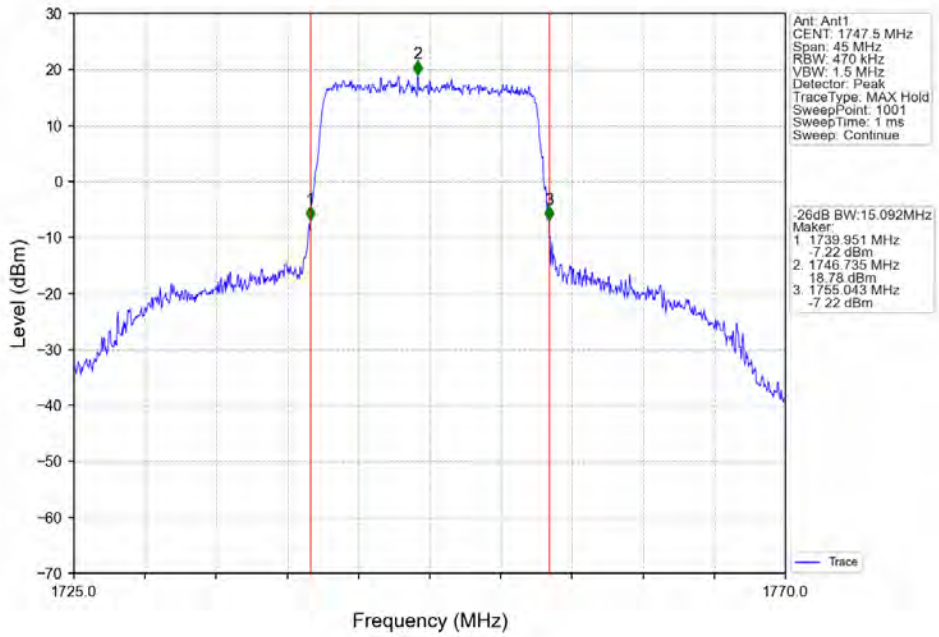
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



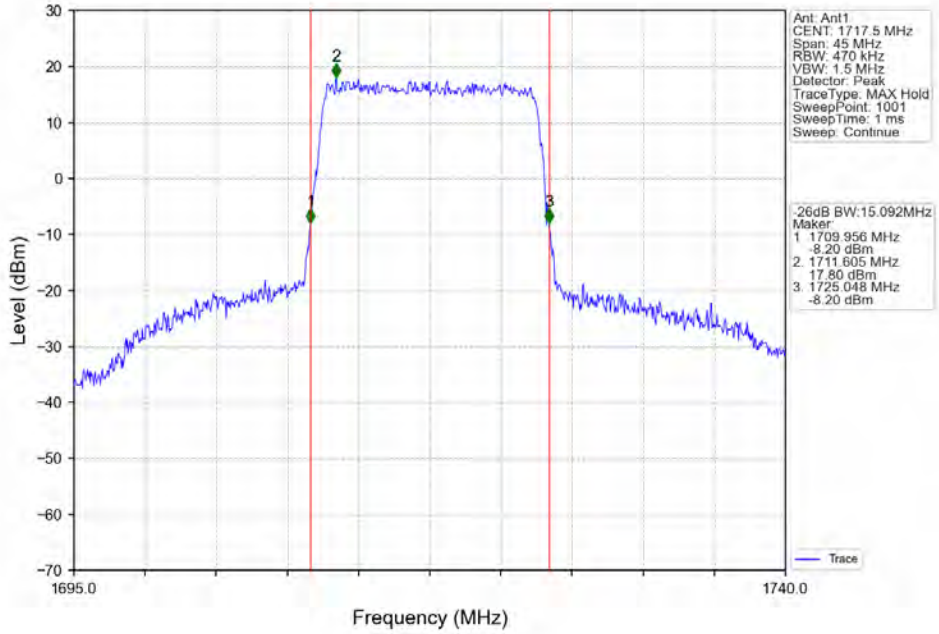
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



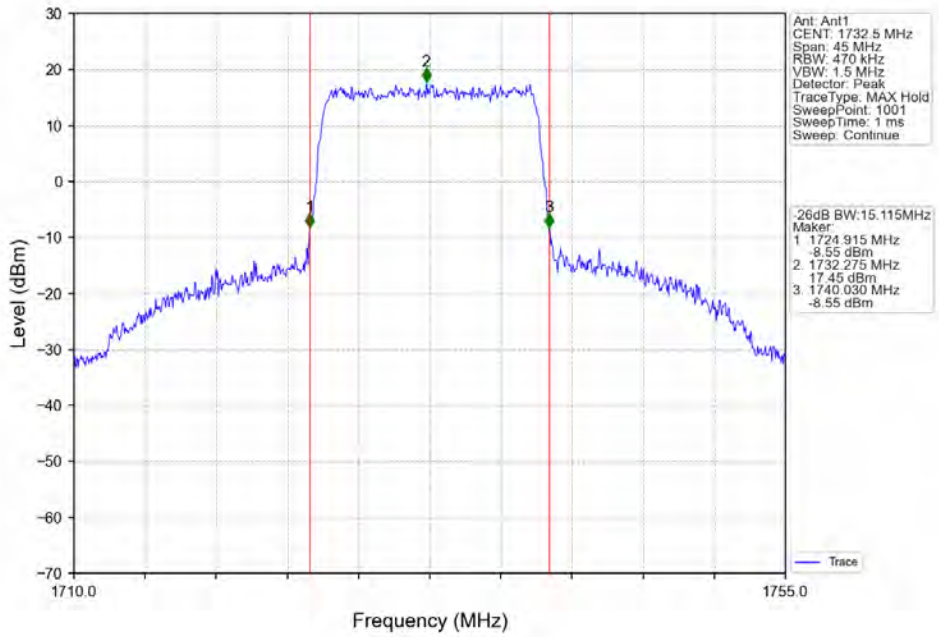
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



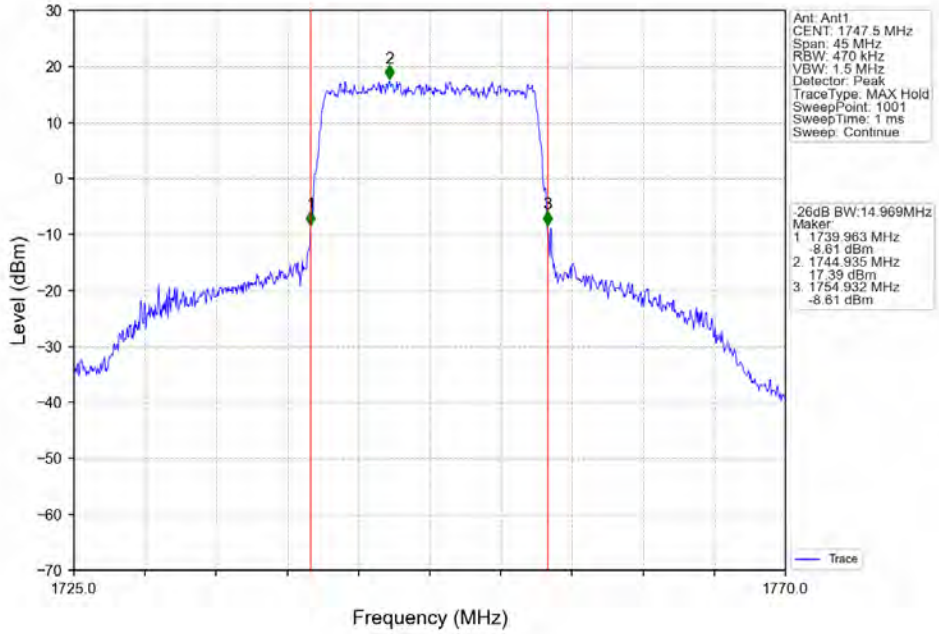
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



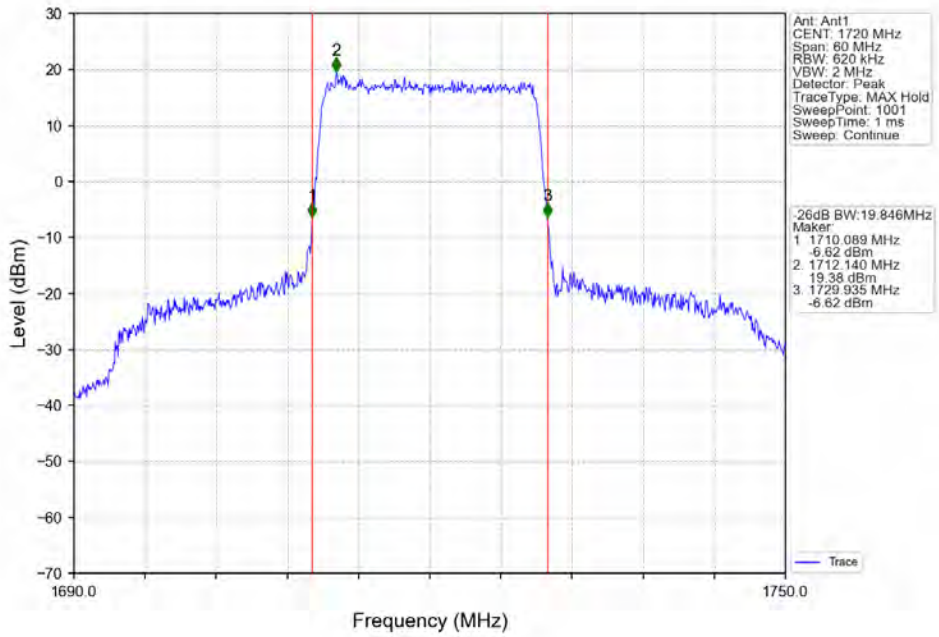
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



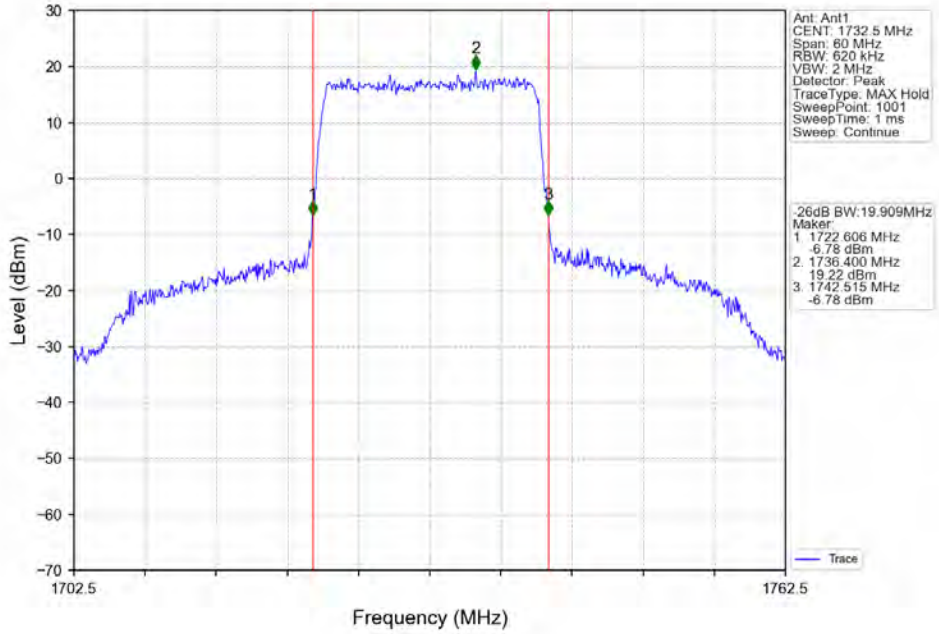
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



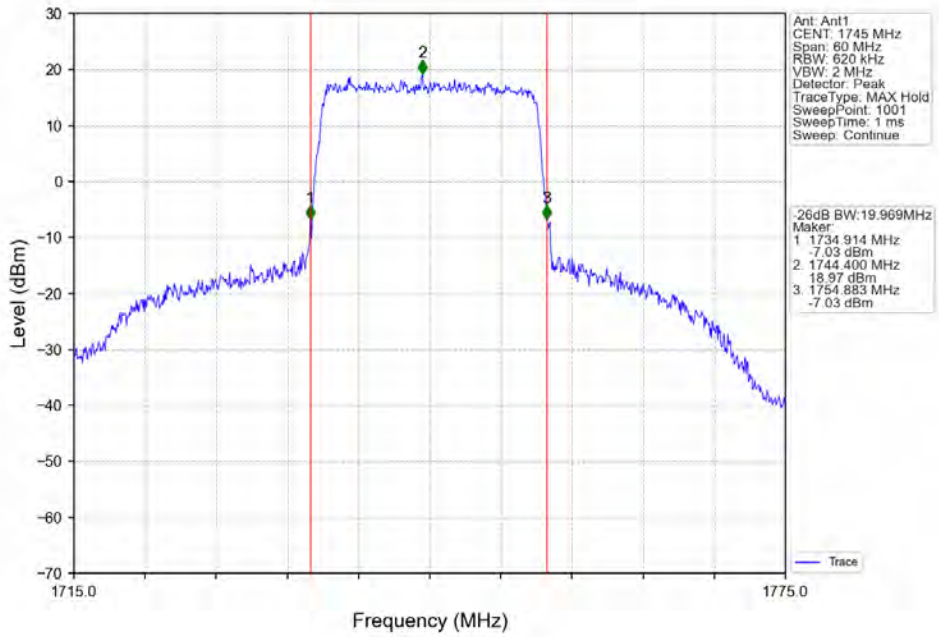
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



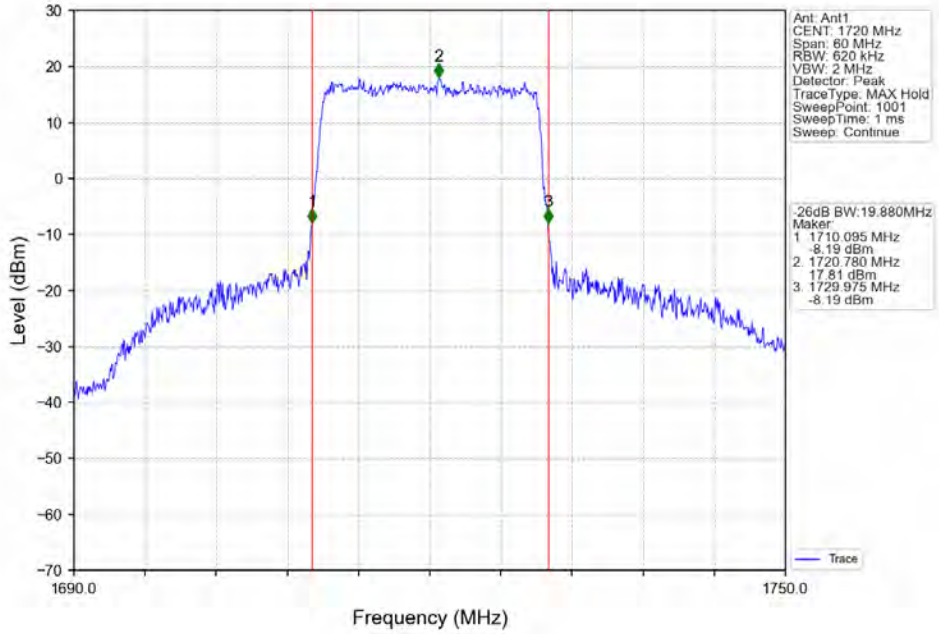
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



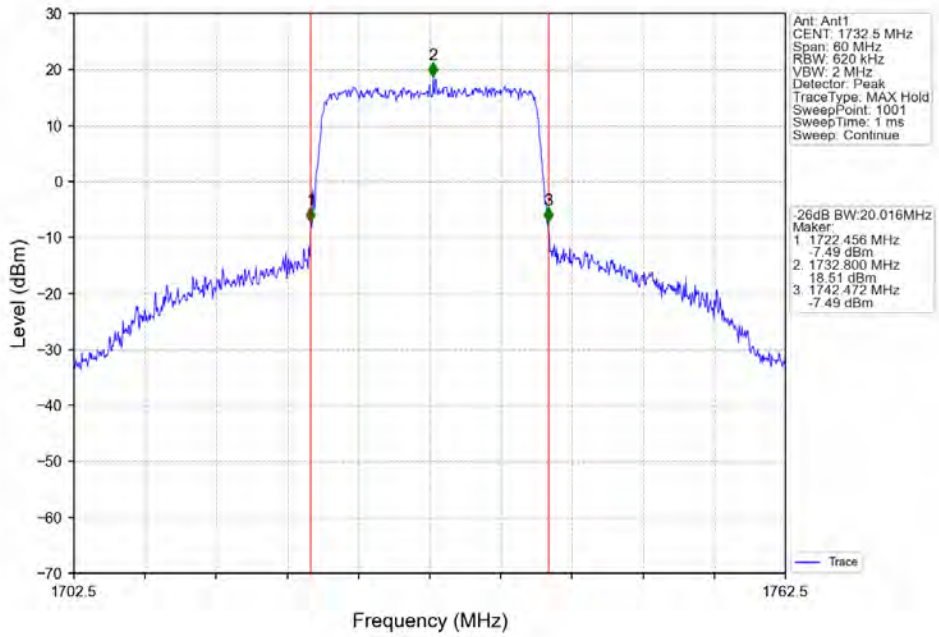
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



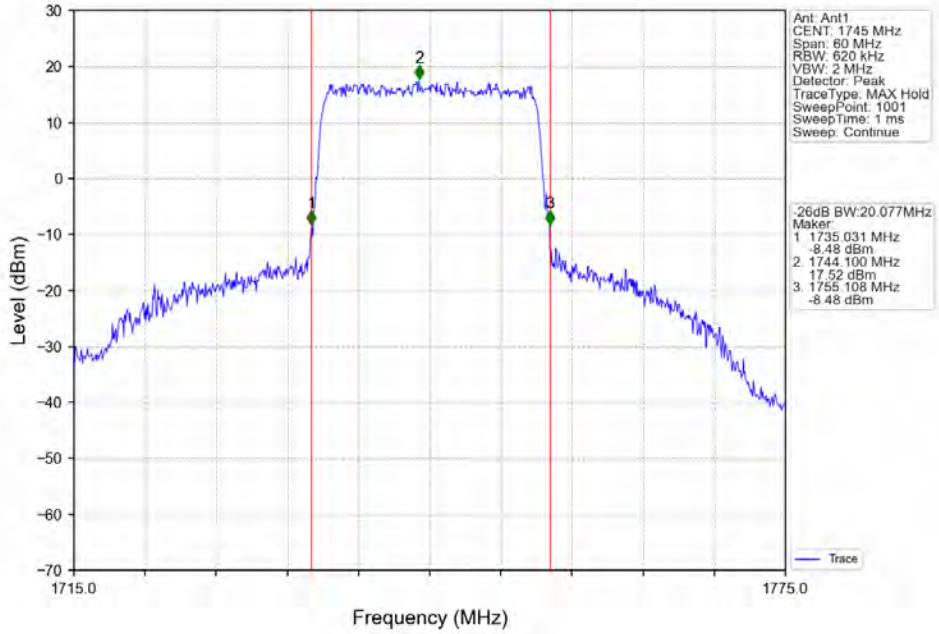
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

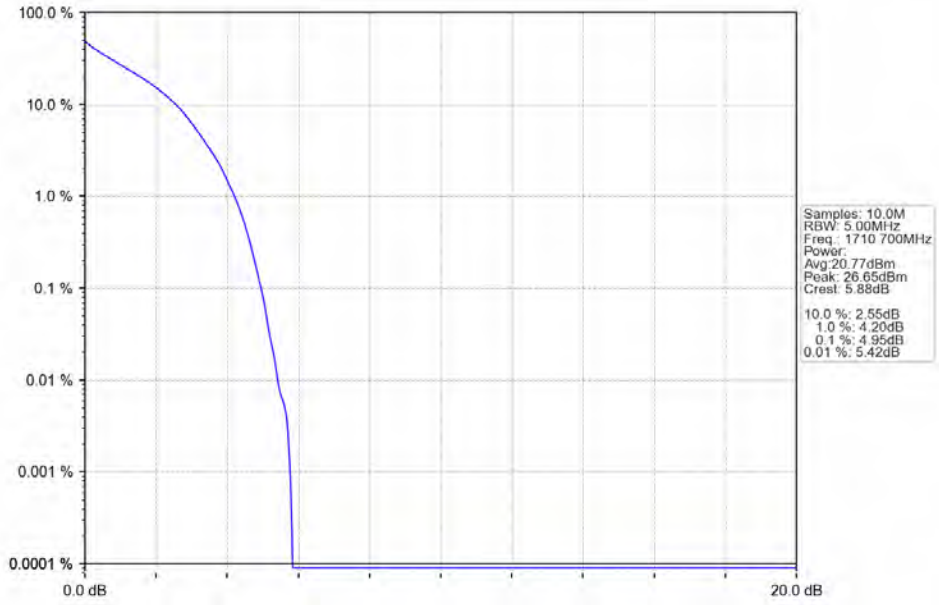
5.1 B4_1.4MHz

5.1.1 Test Result

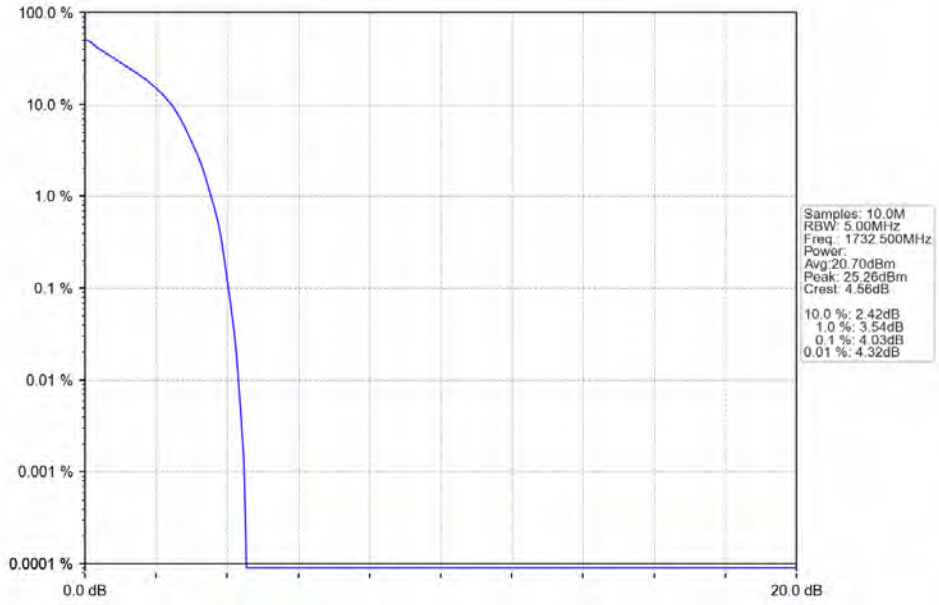
Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.95	<=13	Pass
	1732.5	6	0	4.03	<=13	Pass
	1754.3	6	0	4.51	<=13	Pass
16QAM	1710.7	6	0	5.67	<=13	Pass
	1732.5	6	0	4.92	<=13	Pass
	1754.3	6	0	5.31	<=13	Pass

5.1.2 Test Graph

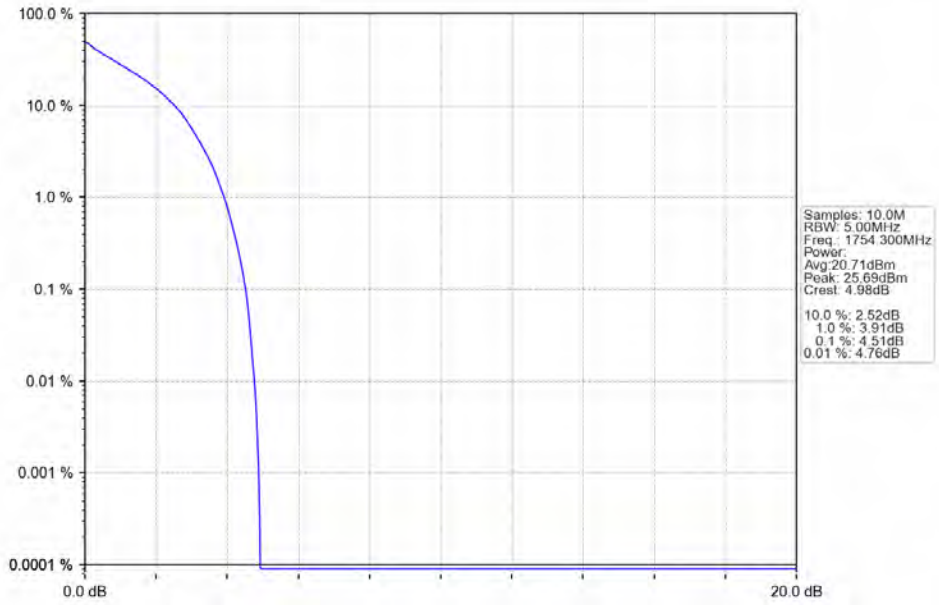
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



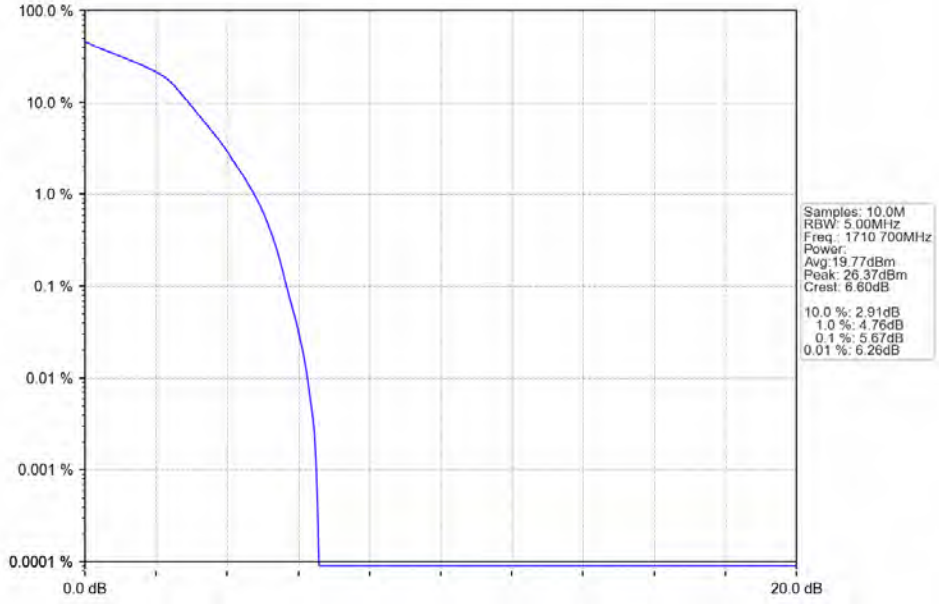
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



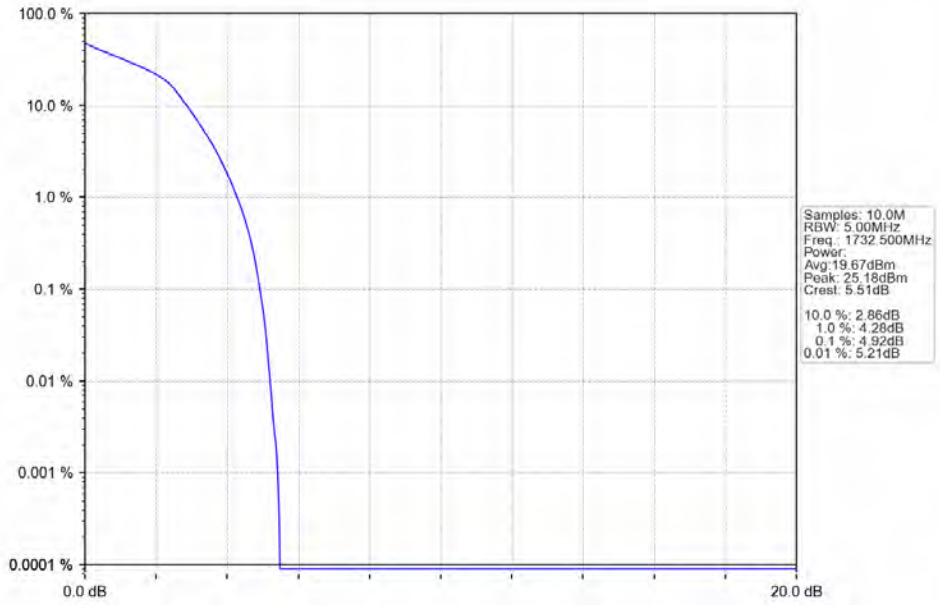
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



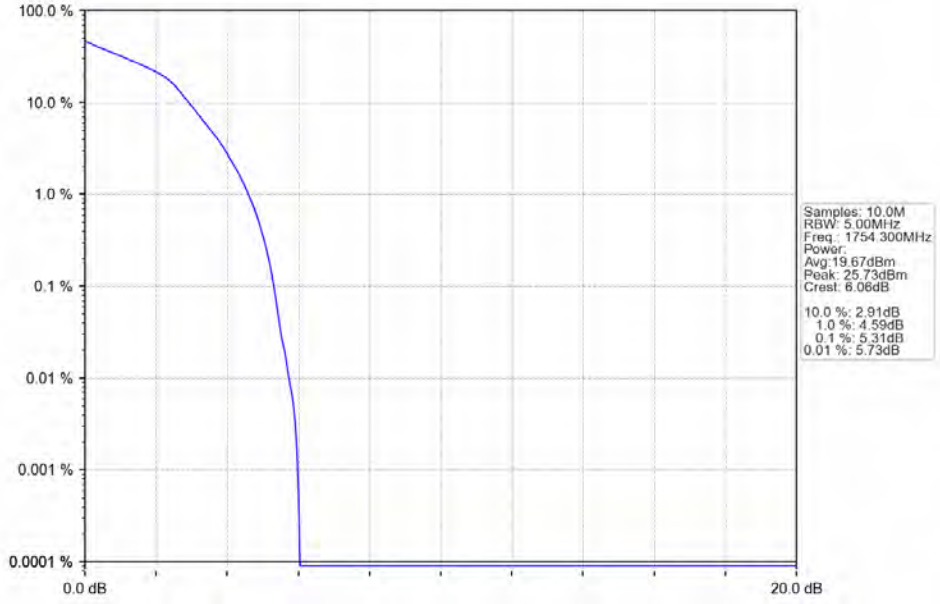
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



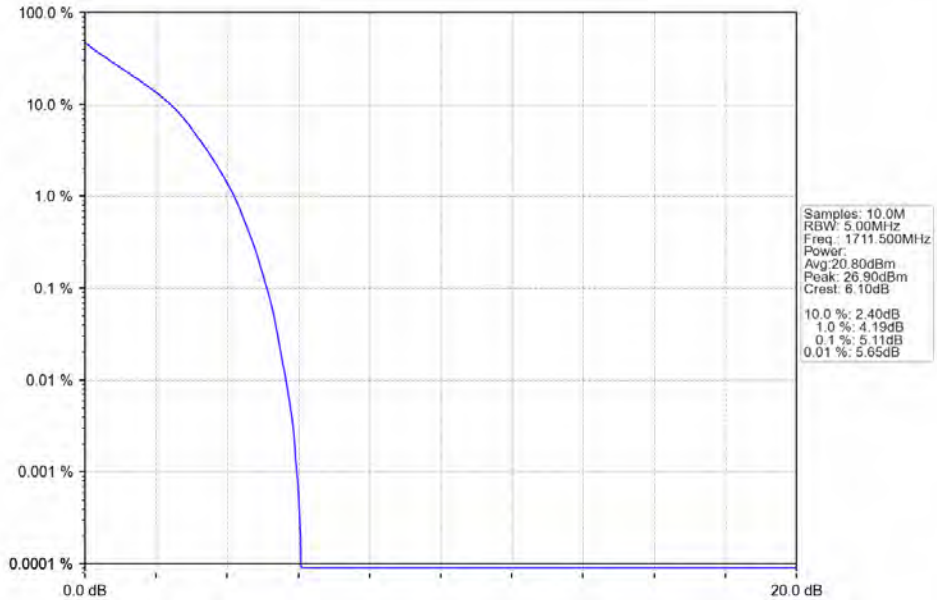
5.2 B4_3MHz

5.2.1 Test Result

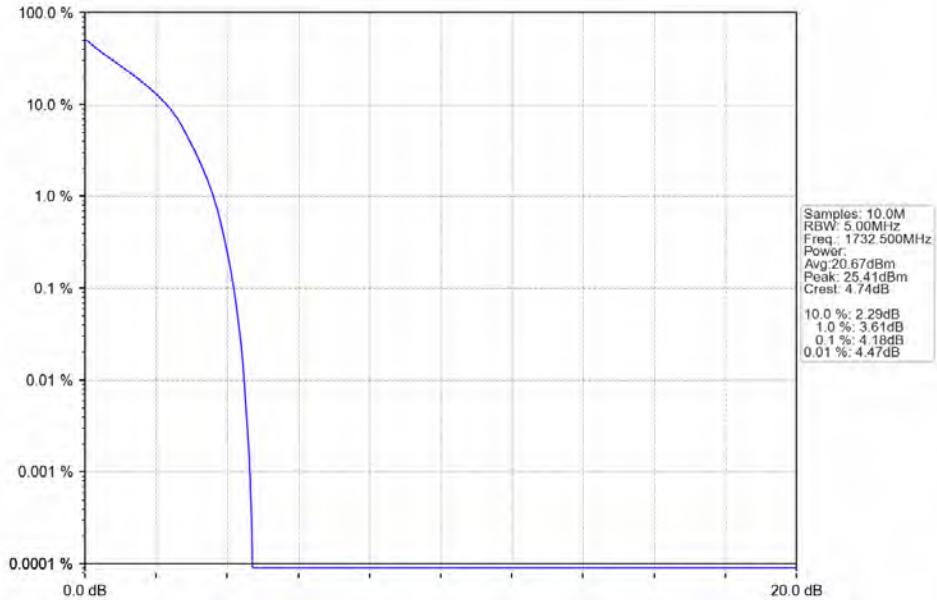
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.11	<=13	Pass
	1732.5	15	0	4.18	<=13	Pass
	1753.5	15	0	4.65	<=13	Pass
16QAM	1711.5	15	0	5.86	<=13	Pass
	1732.5	15	0	5.04	<=13	Pass
	1753.5	15	0	5.45	<=13	Pass

5.2.2 Test Graph

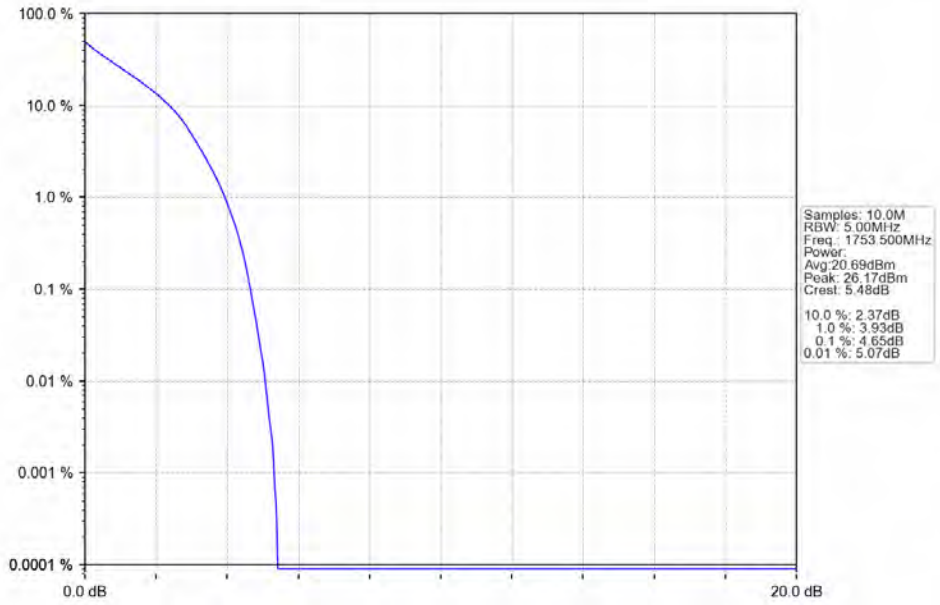
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



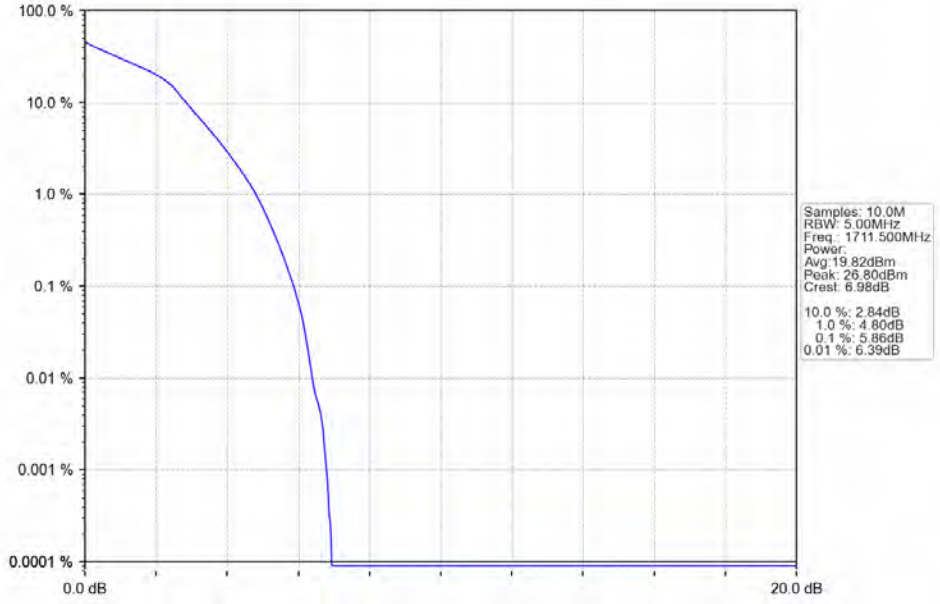
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



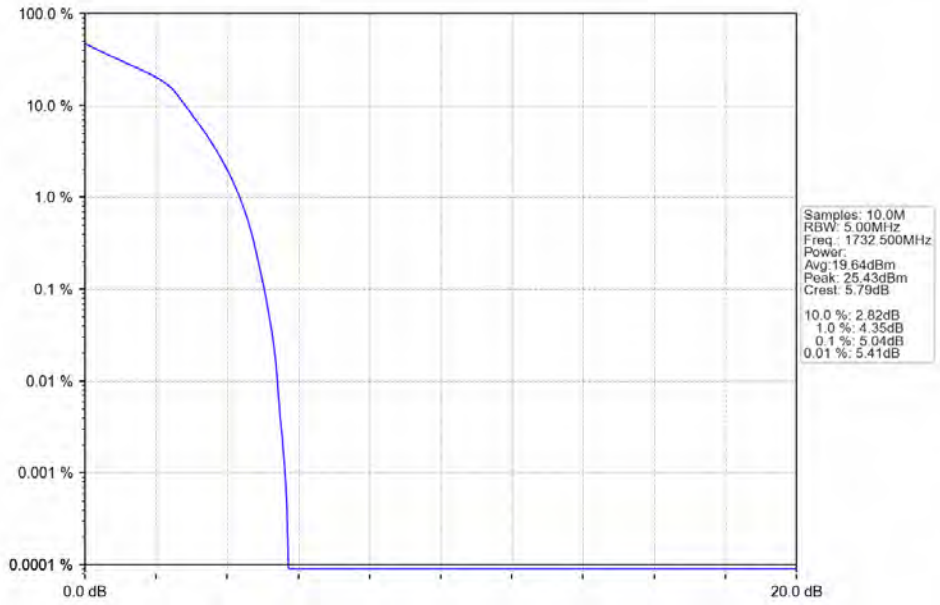
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



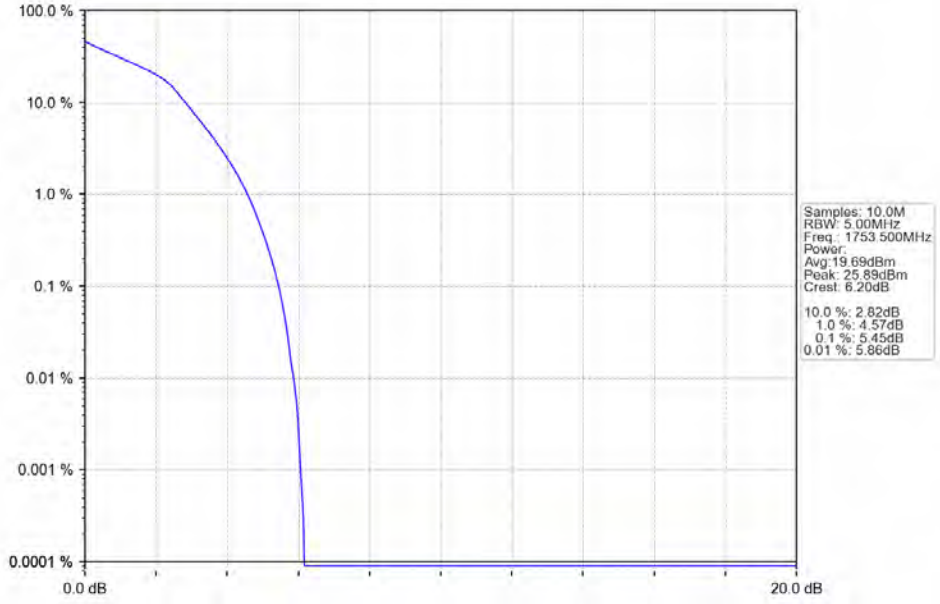
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



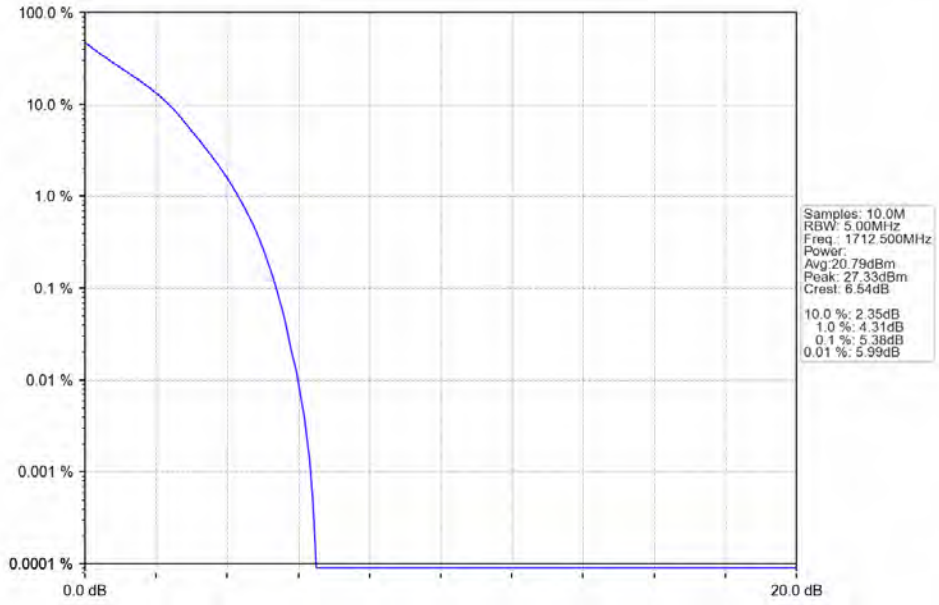
5.3 B4_5MHz

5.3.1 Test Result

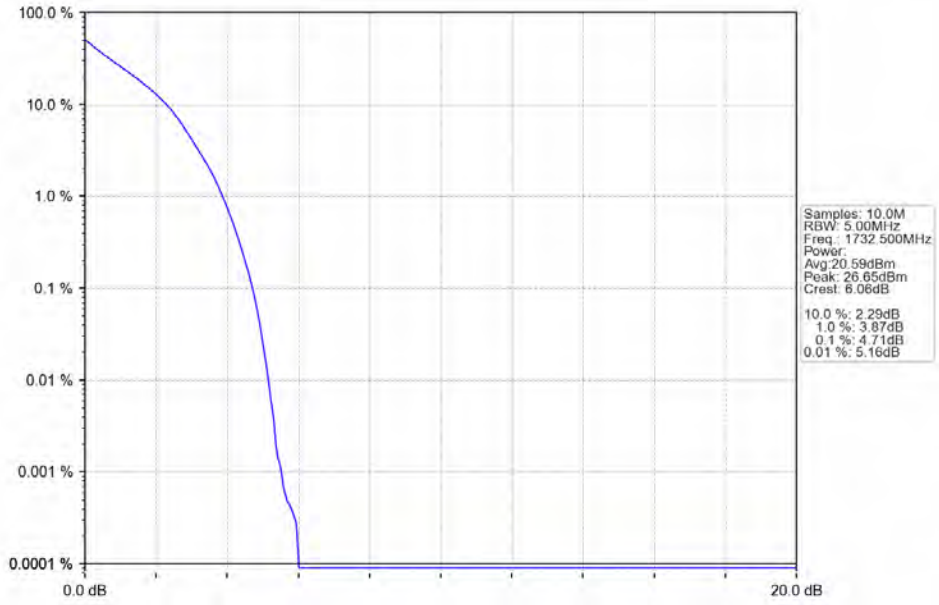
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.38	<=13	Pass
	1732.5	25	0	4.71	<=13	Pass
	1752.5	25	0	5.05	<=13	Pass
16QAM	1712.5	25	0	6.00	<=13	Pass
	1732.5	25	0	5.37	<=13	Pass
	1752.5	25	0	5.73	<=13	Pass

5.3.2 Test Graph

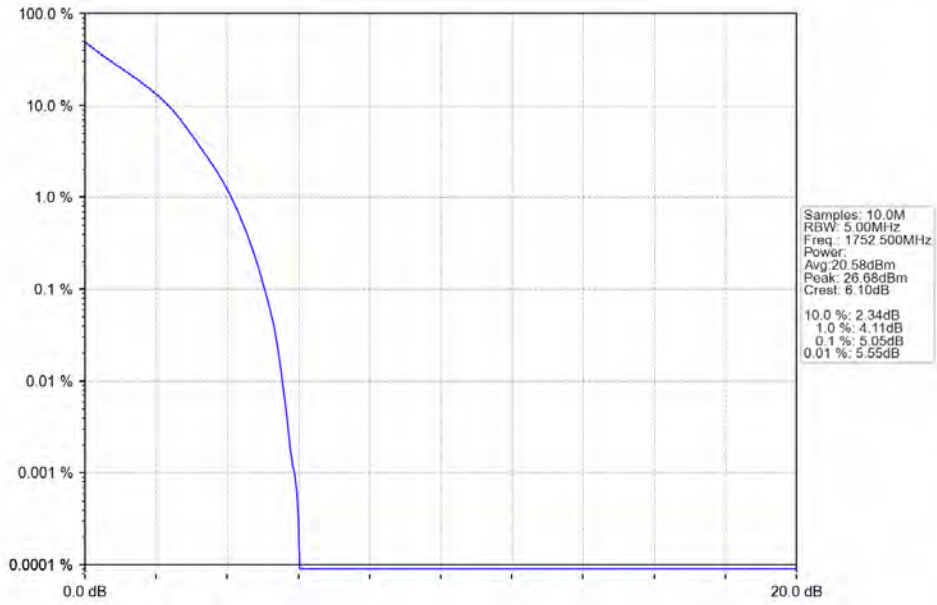
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



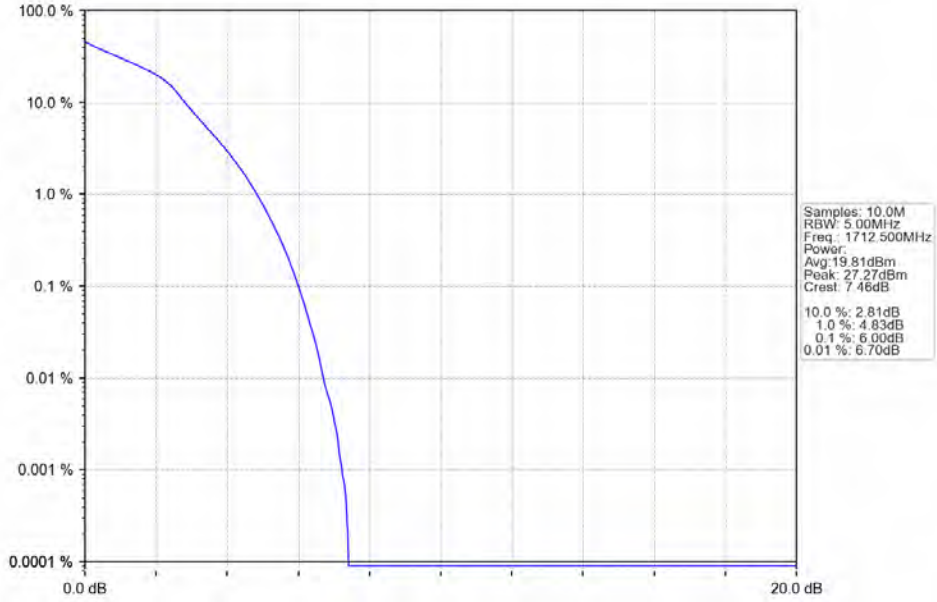
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



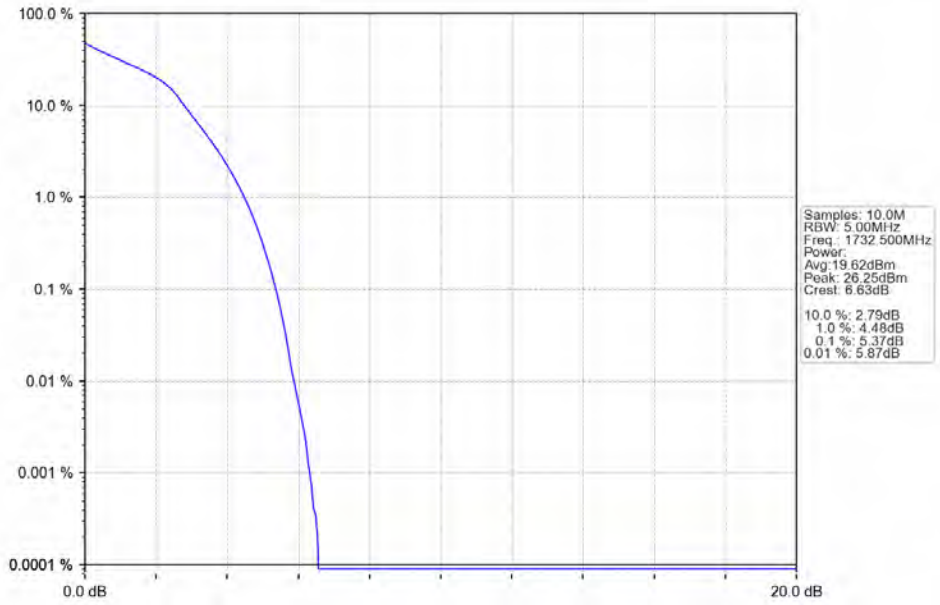
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



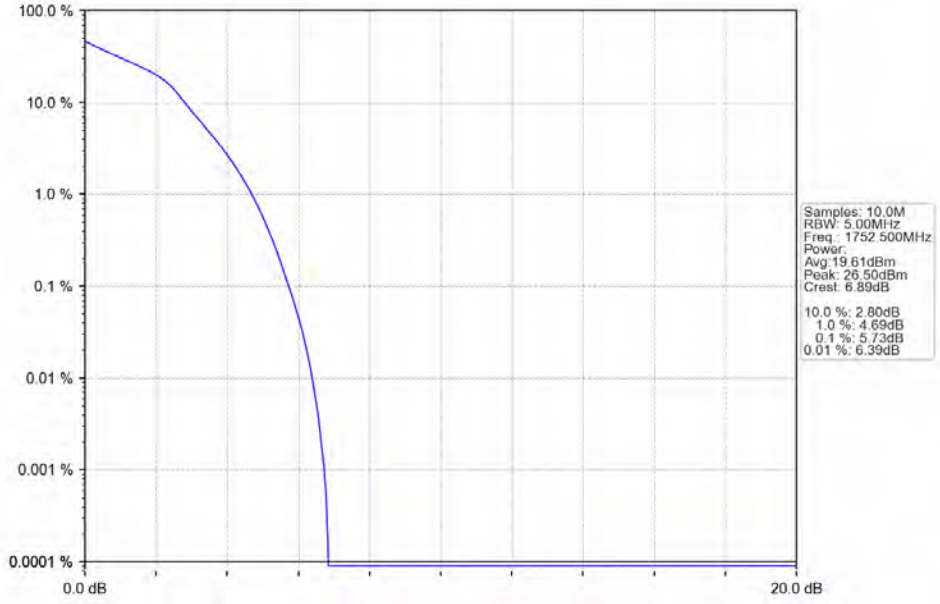
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



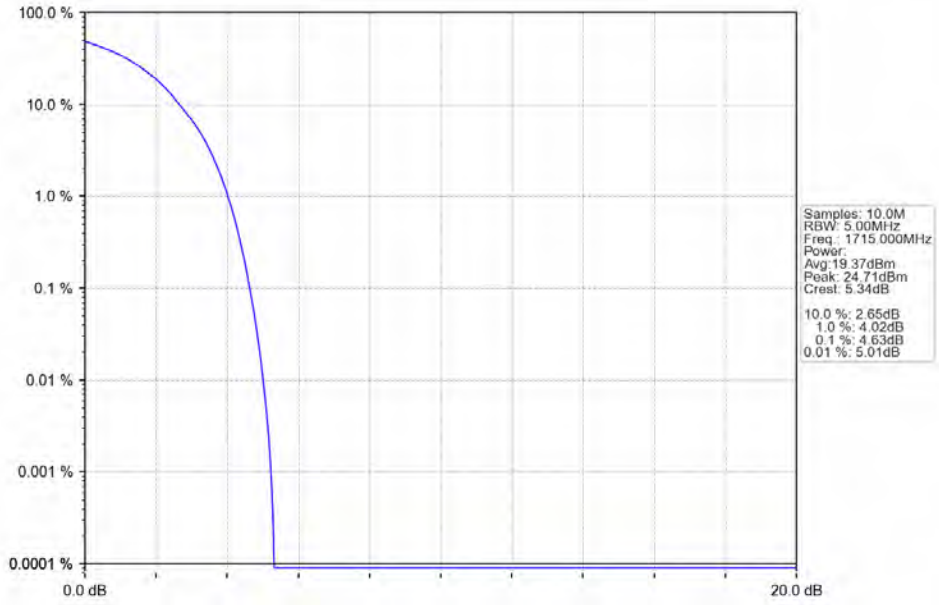
5.4 B4_10MHz

5.4.1 Test Result

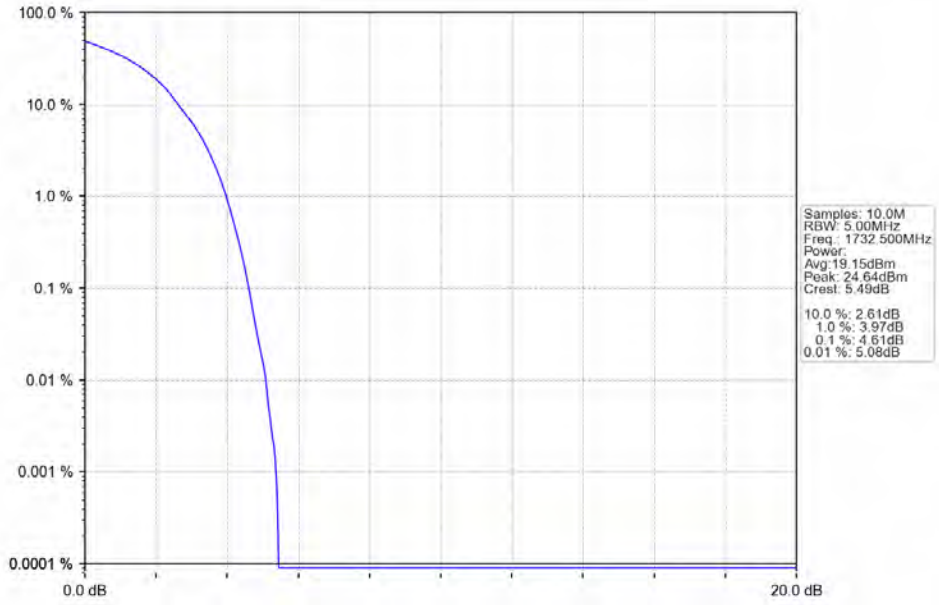
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.63	<=13	Pass
	1732.5	50	0	4.61	<=13	Pass
	1750	50	0	4.58	<=13	Pass
16QAM	1715	50	0	6.00	<=13	Pass
	1732.5	50	0	5.77	<=13	Pass
	1750	50	0	5.93	<=13	Pass

5.4.2 Test Graph

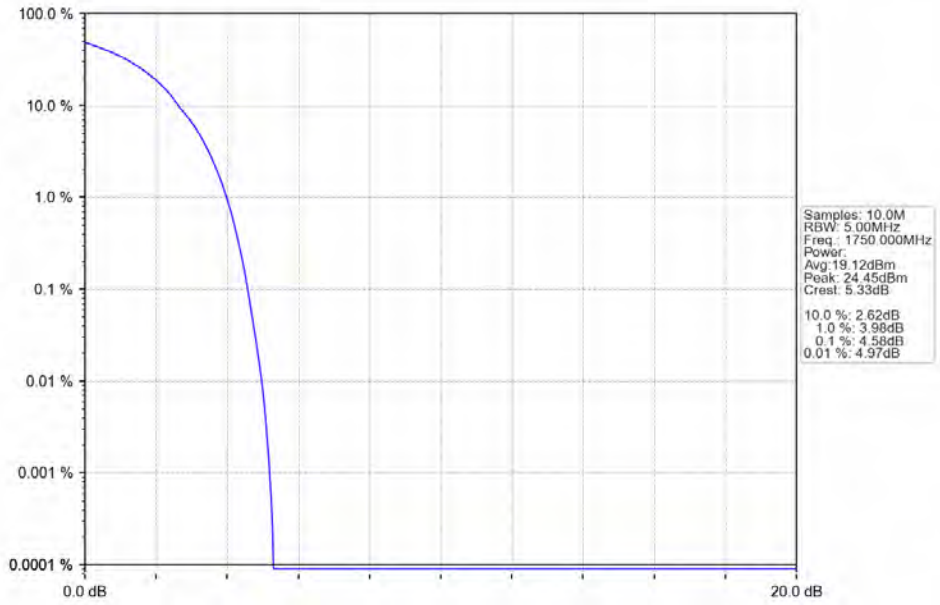
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



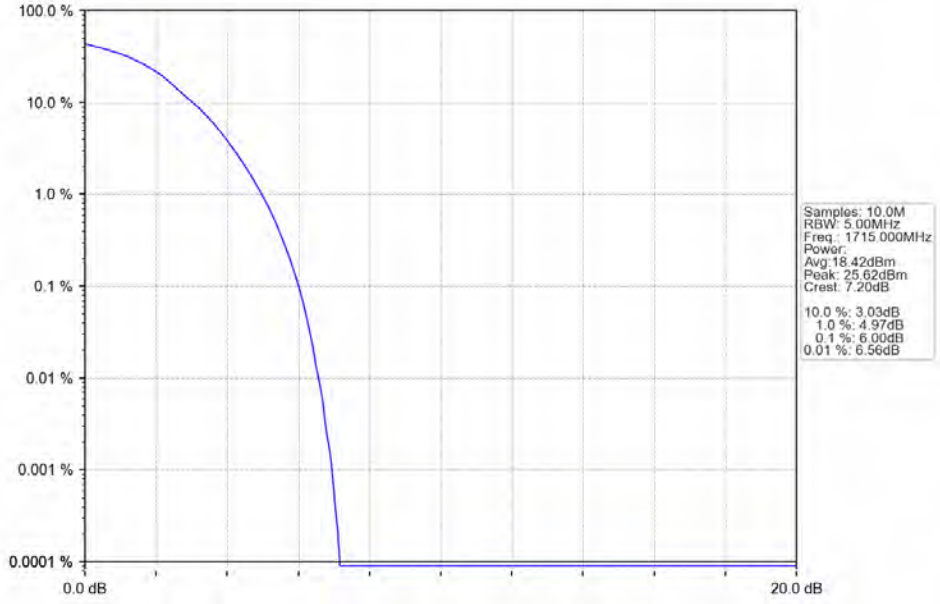
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



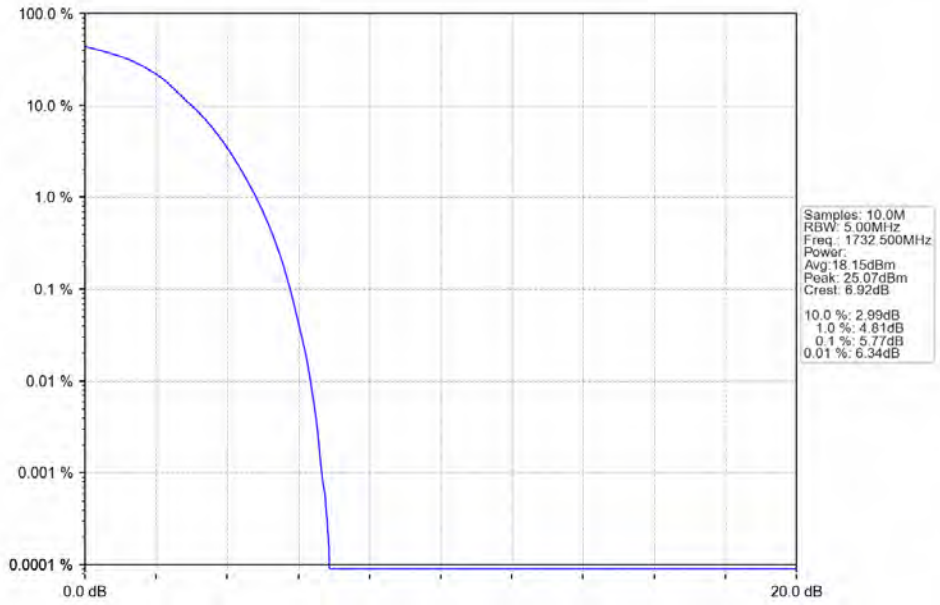
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



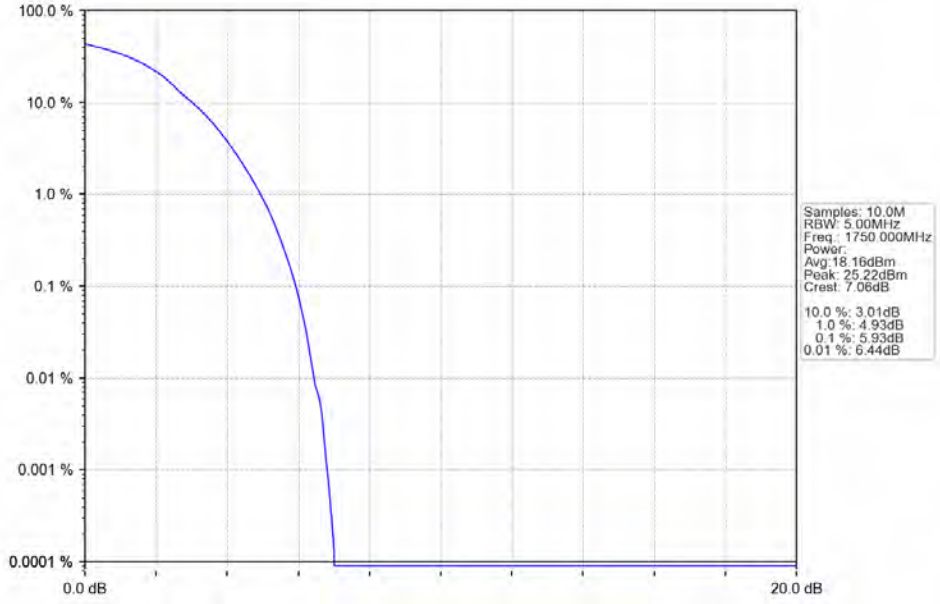
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



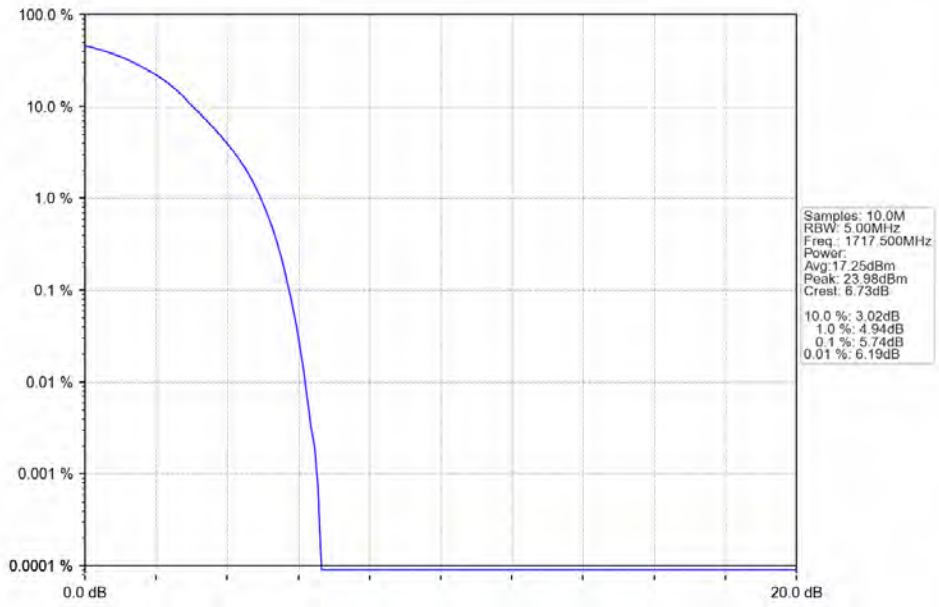
5.5 B4_15MHz

5.5.1 Test Result

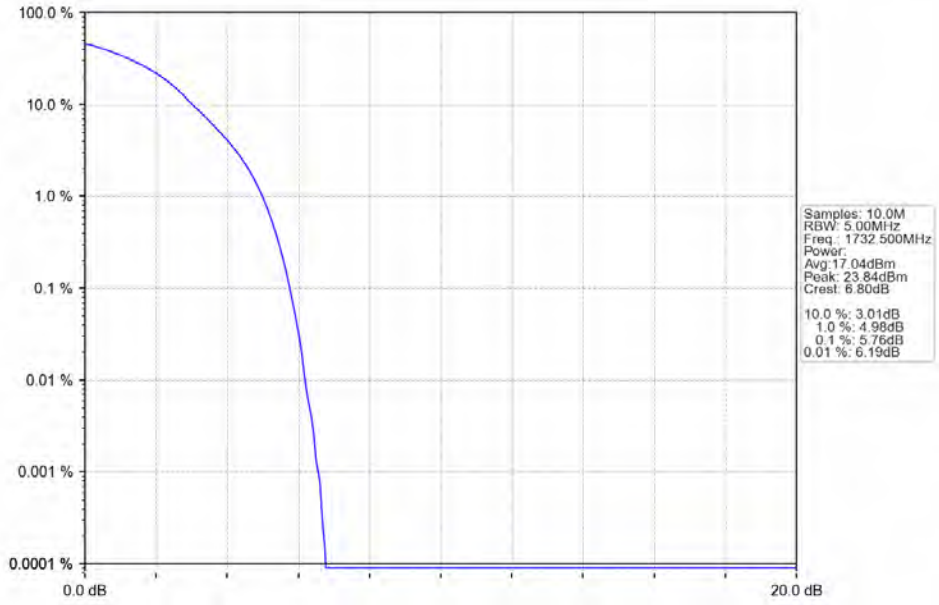
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.74	<=13	Pass
	1732.5	75	0	5.76	<=13	Pass
	1747.5	75	0	5.76	<=13	Pass
16QAM	1717.5	75	0	6.66	<=13	Pass
	1732.5	75	0	6.70	<=13	Pass
	1747.5	75	0	6.75	<=13	Pass

5.5.2 Test Graph

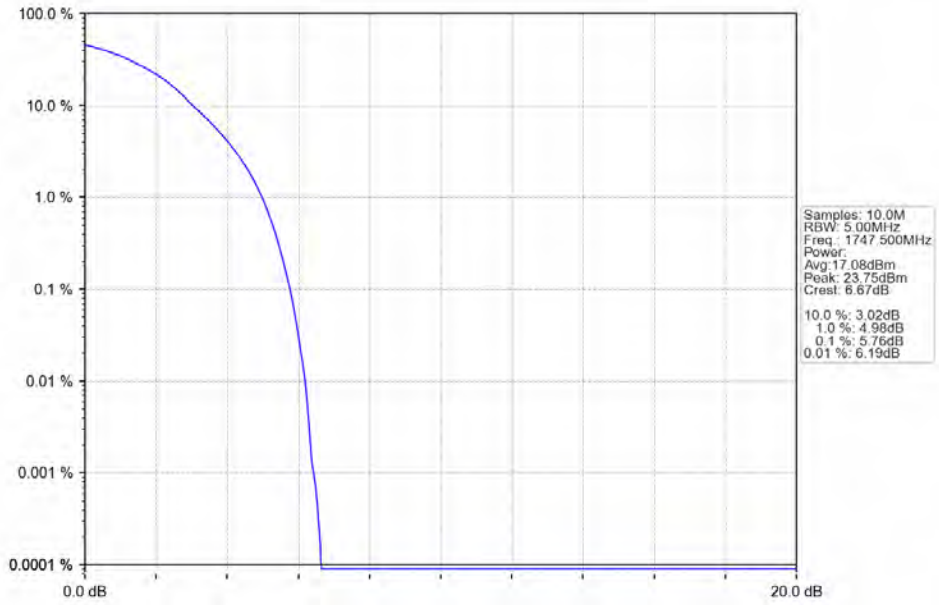
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



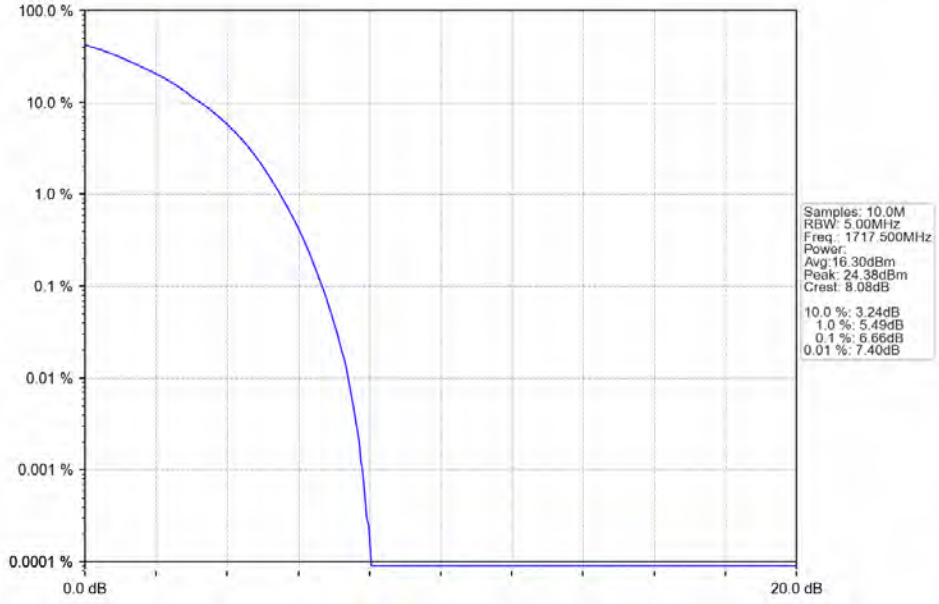
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



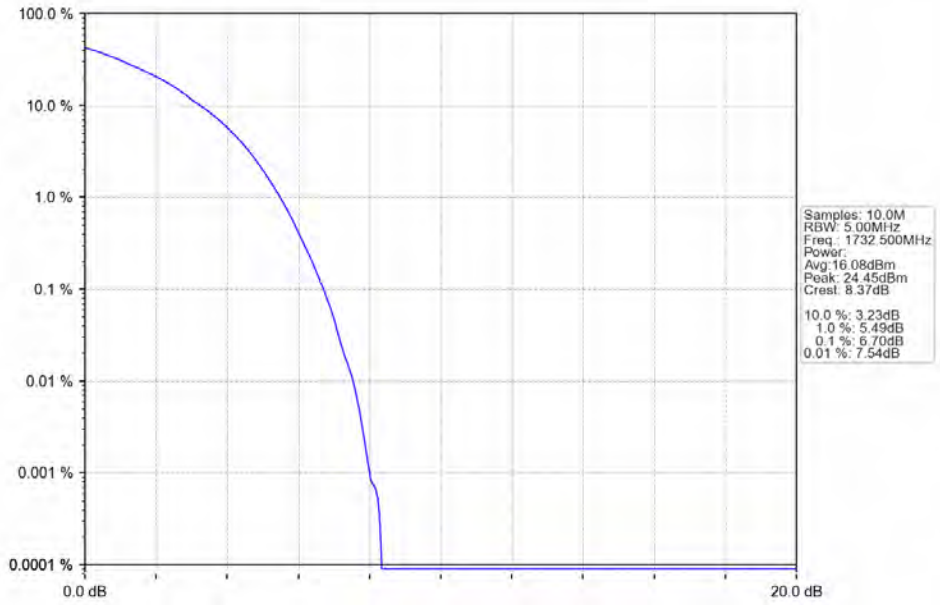
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



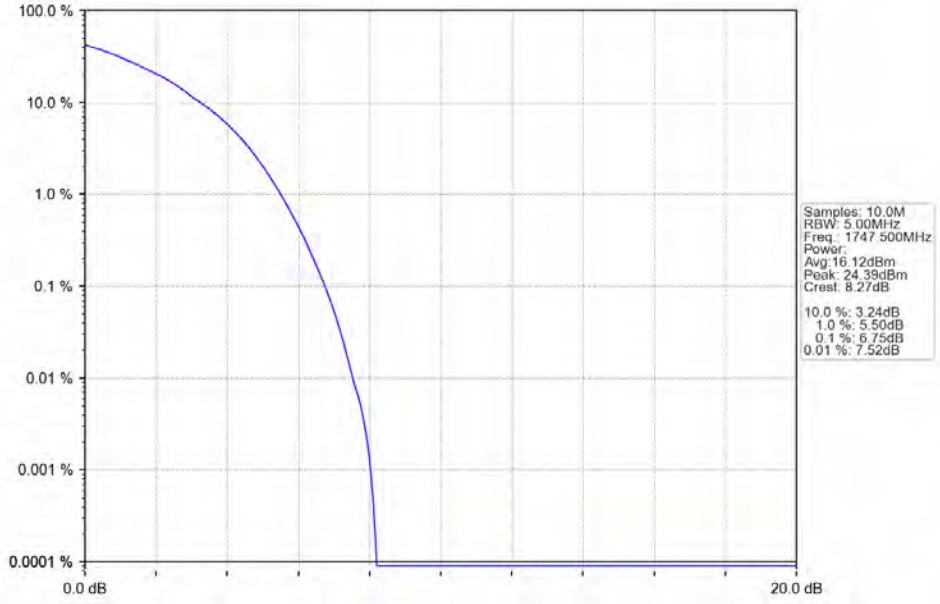
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



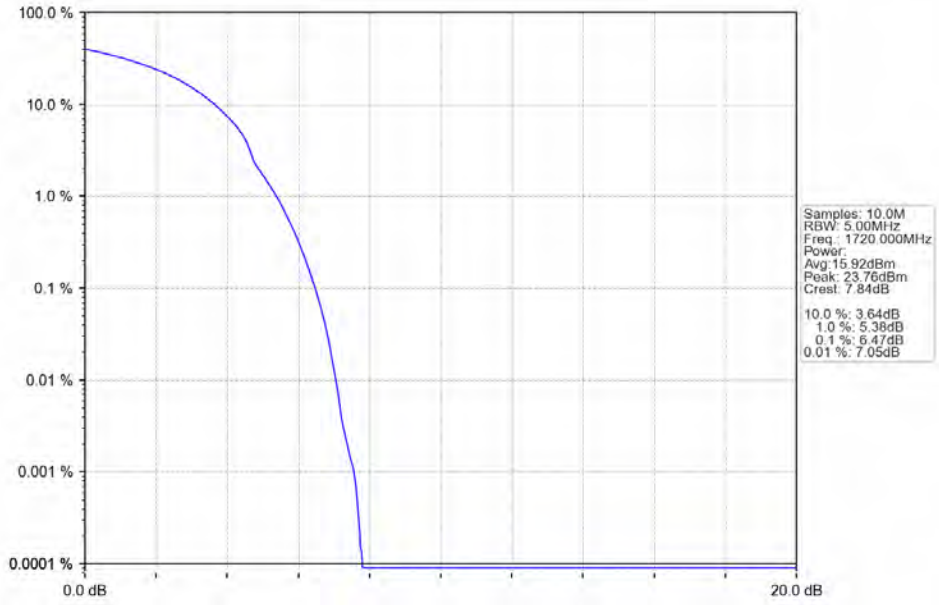
5.6 B4_20MHz

5.6.1 Test Result

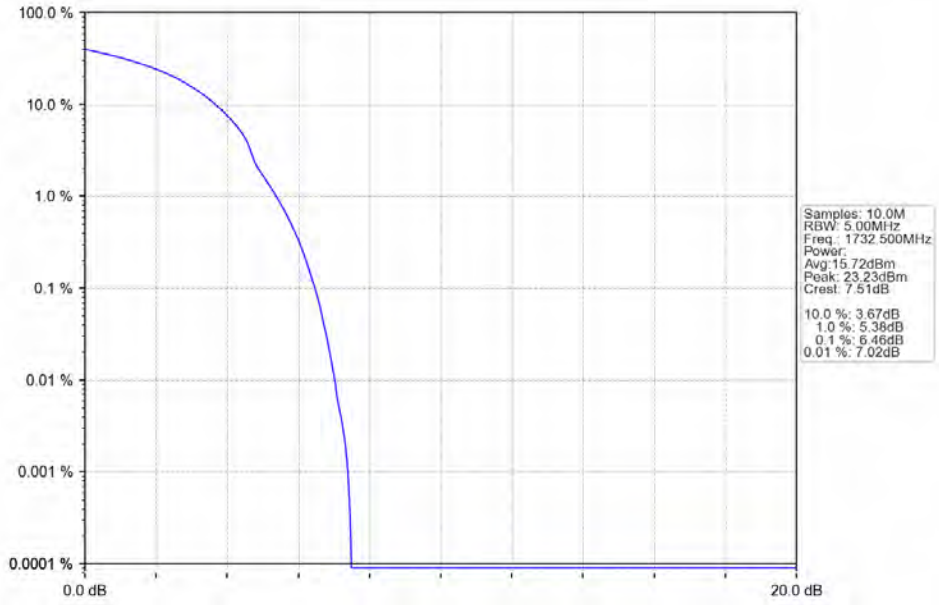
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.47	<=13	Pass
	1732.5	100	0	6.46	<=13	Pass
	1745	100	0	6.46	<=13	Pass
16QAM	1720	100	0	7.13	<=13	Pass
	1732.5	100	0	7.13	<=13	Pass
	1745	100	0	7.05	<=13	Pass

5.6.2 Test Graph

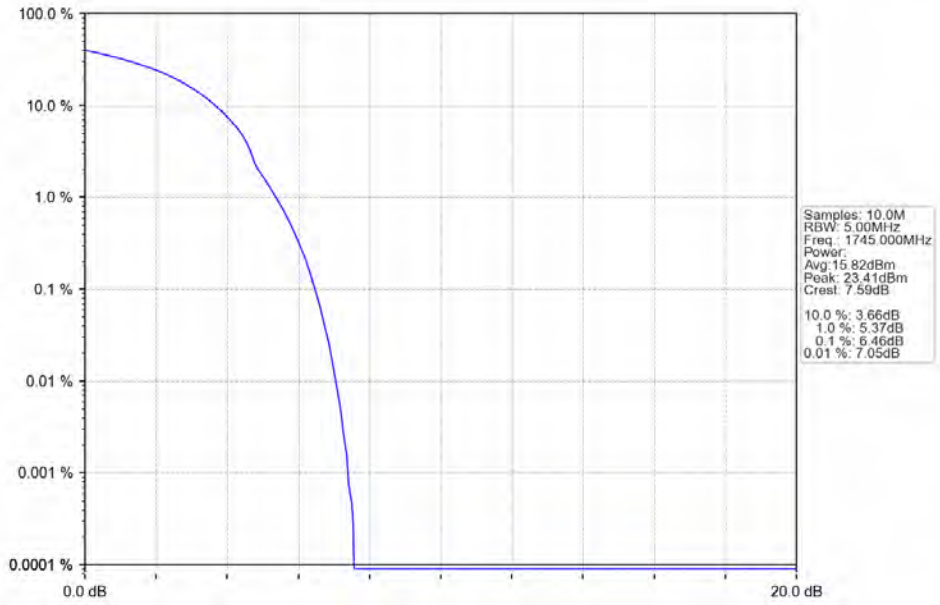
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



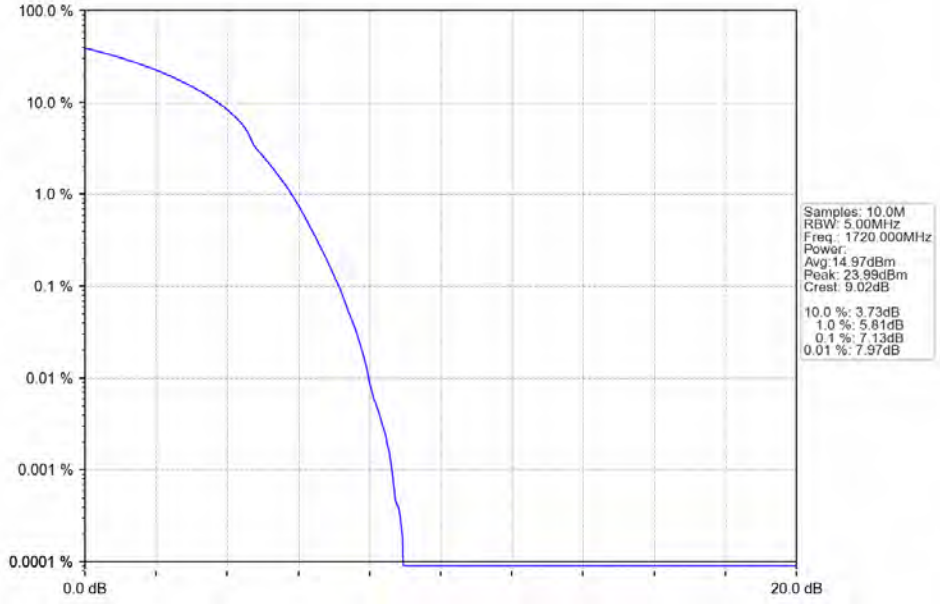
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



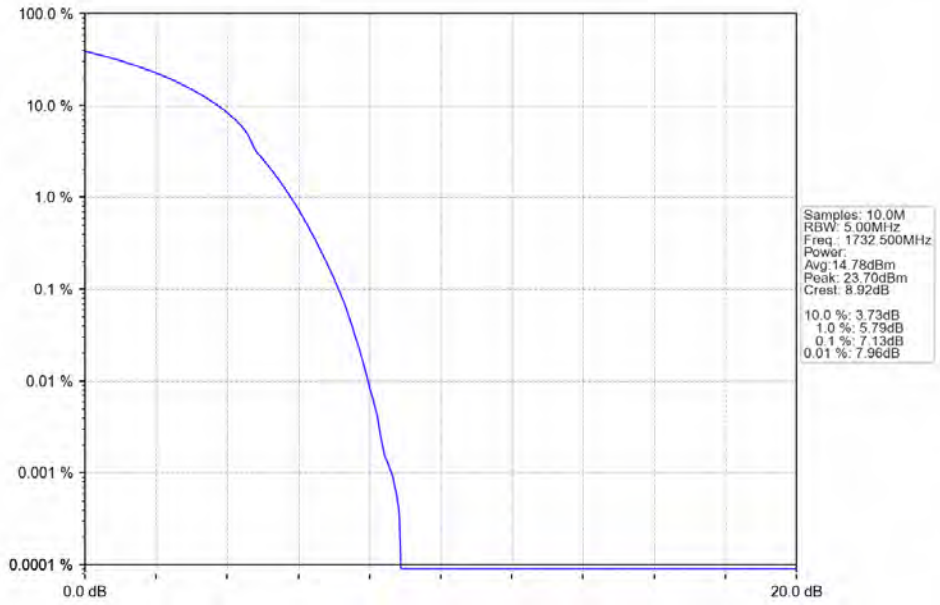
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



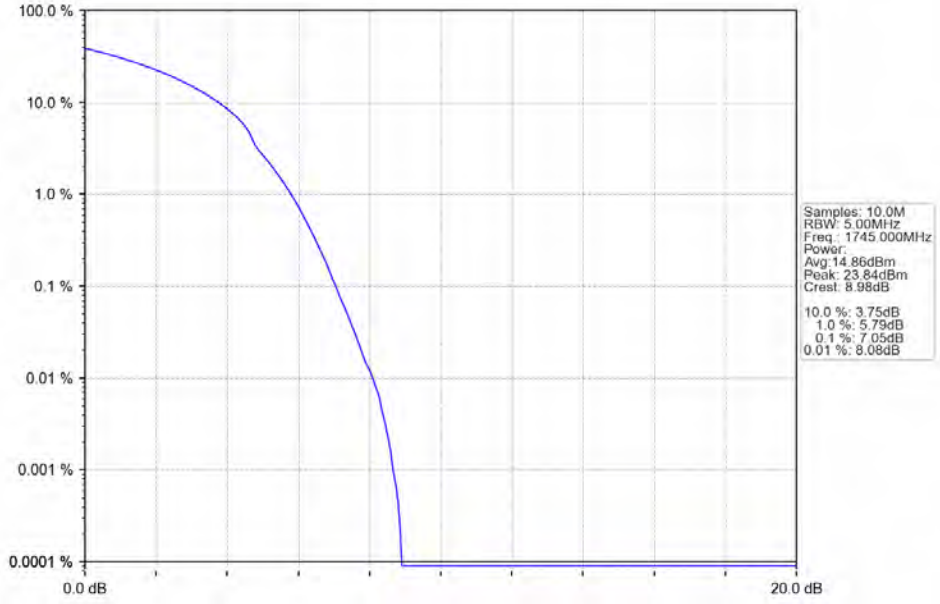
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

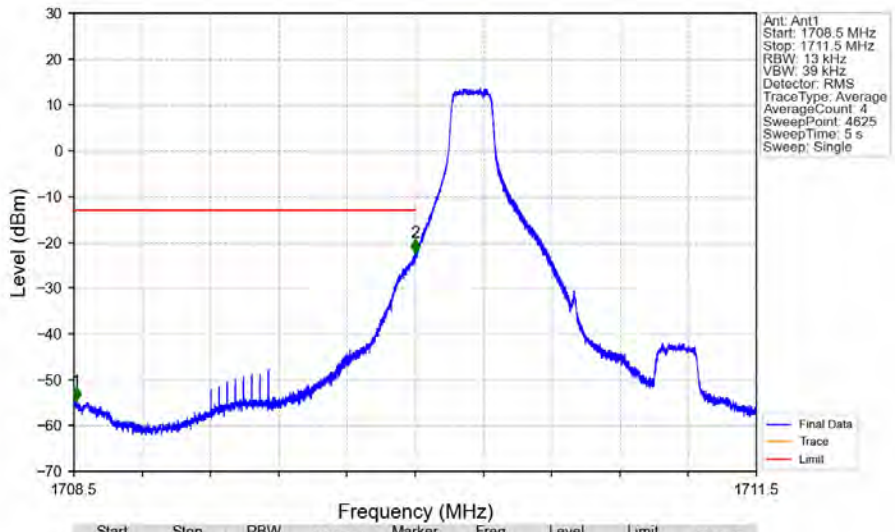
6.1 B4_1.4MHz

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

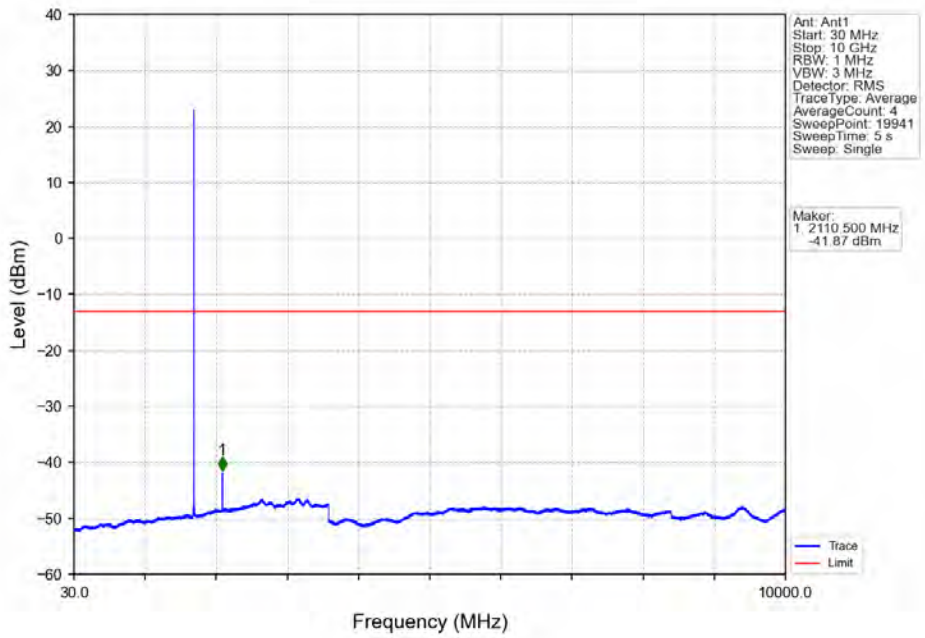
6.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

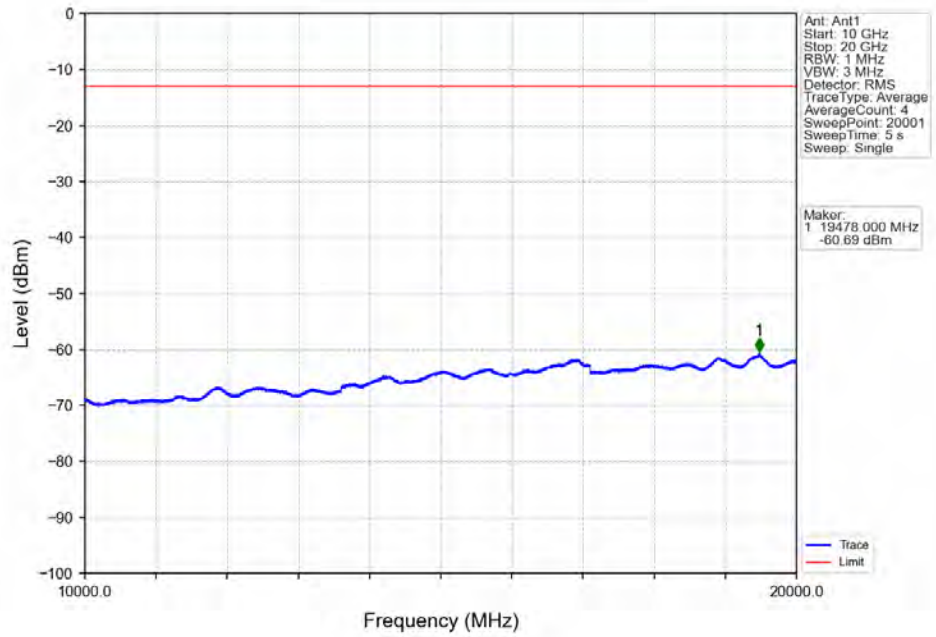


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.510	-54.67	-13	Pass
1709	1710	0.013	/	2	1709.999	-22.32	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

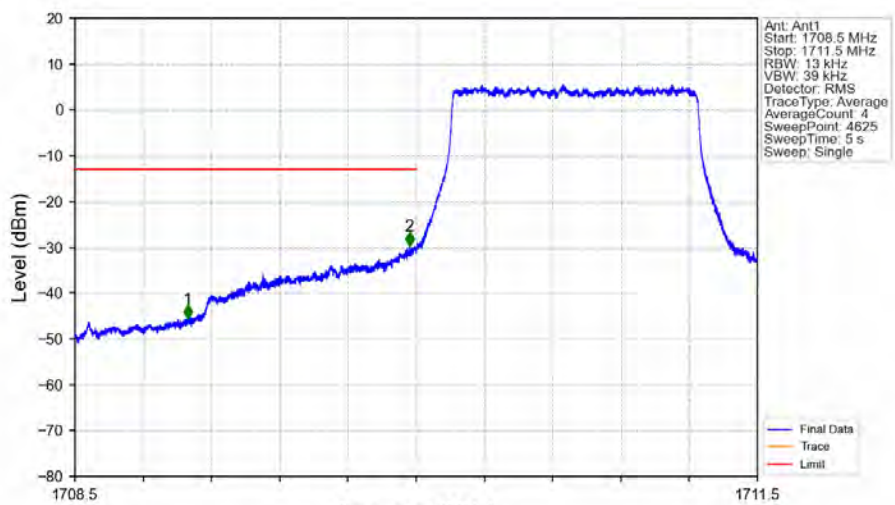
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

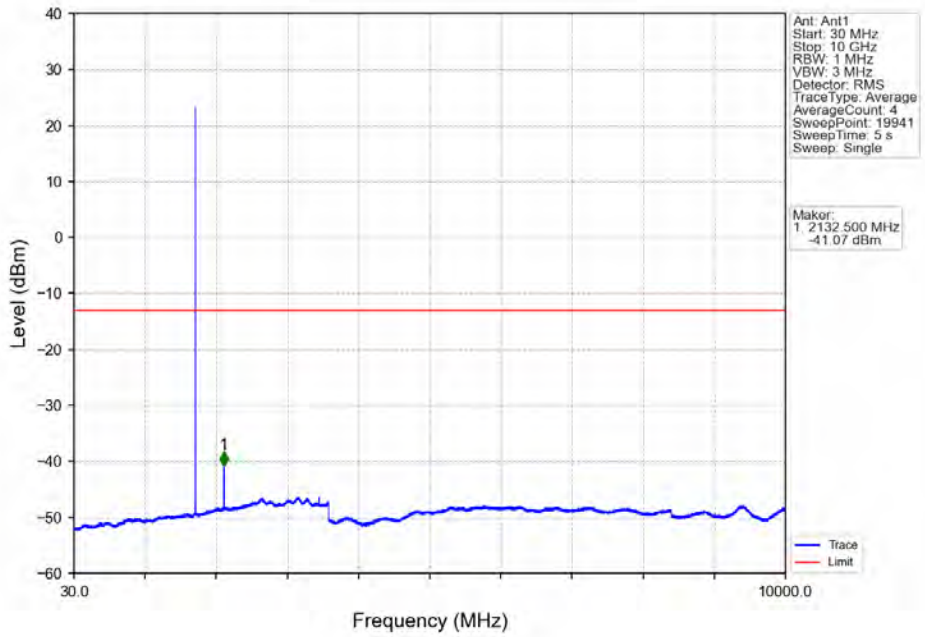


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

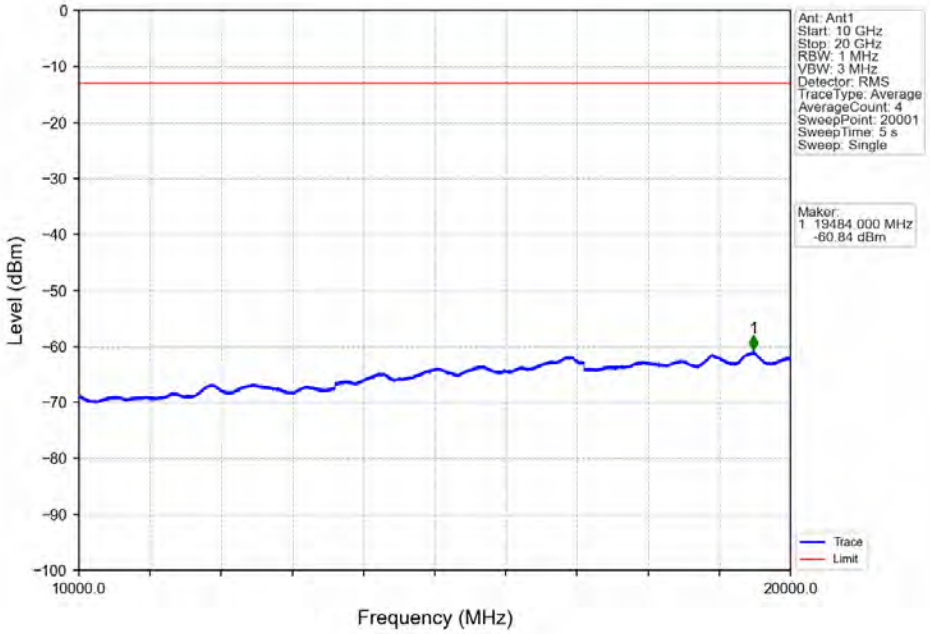


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.996	-45.64	-13	Pass
1709	1710	0.013	/	2	1709.970	-29.72	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

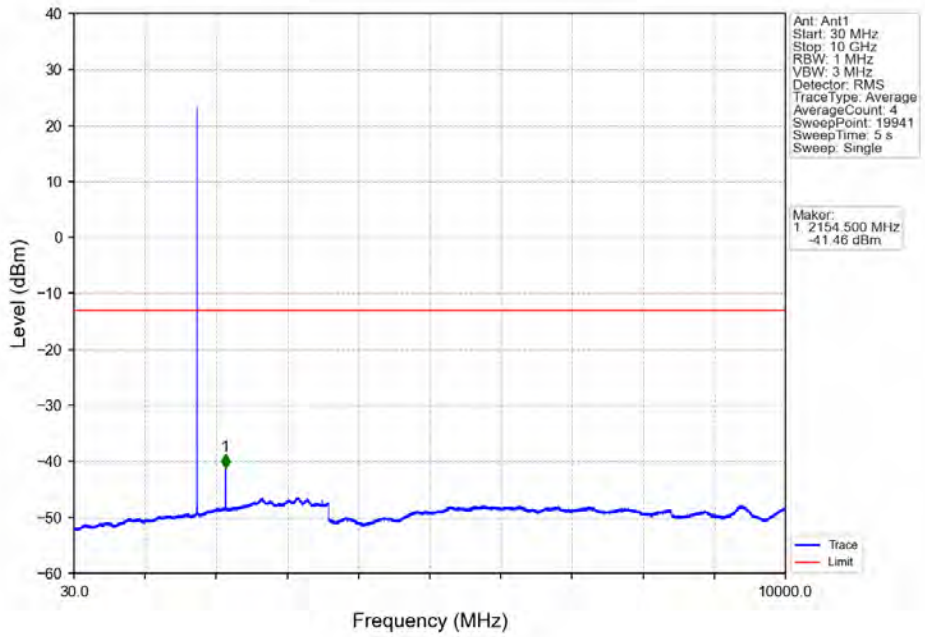
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



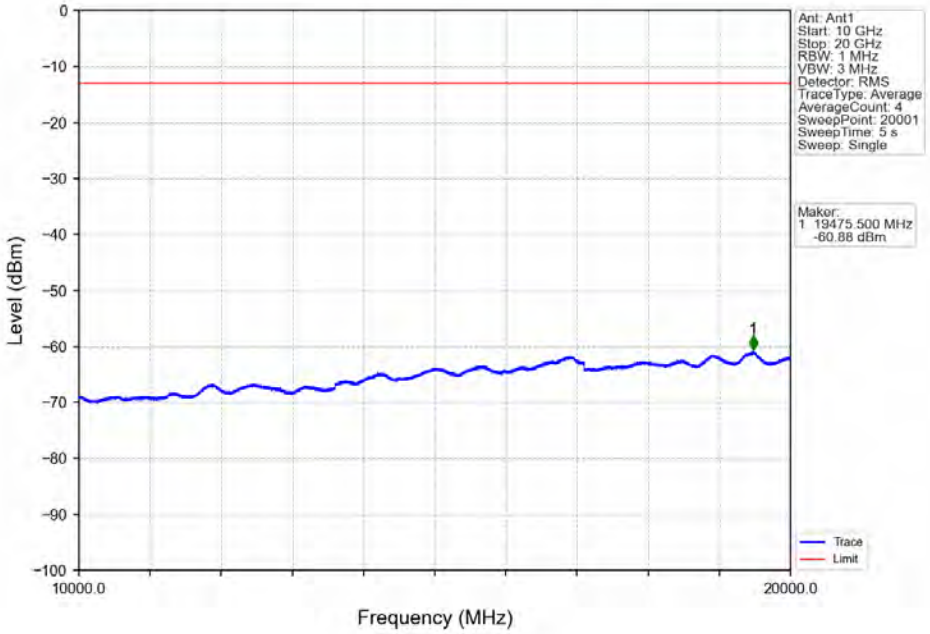
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



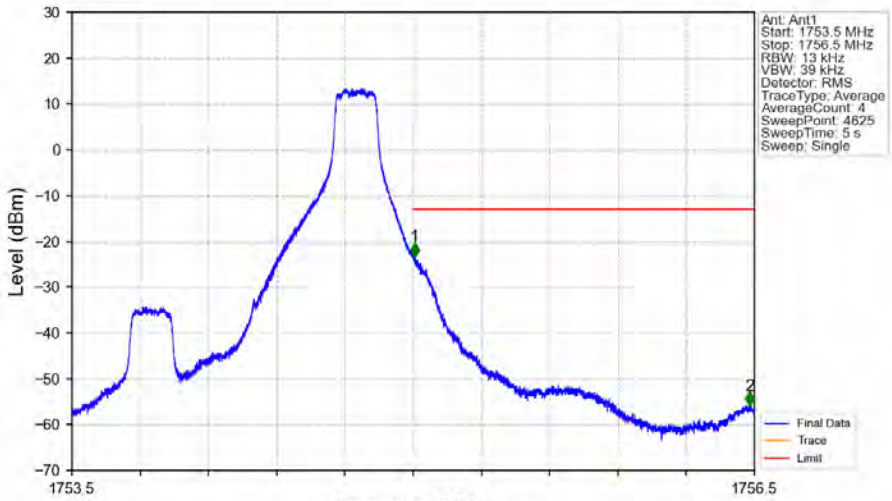
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

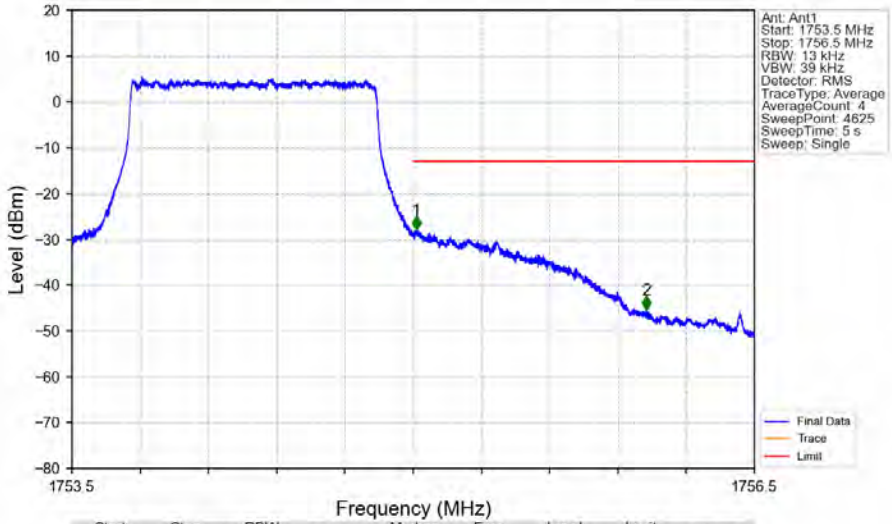


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



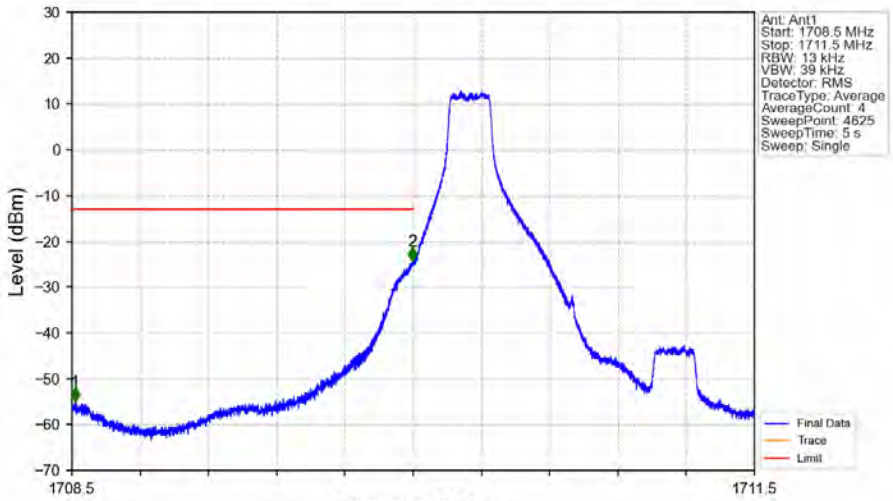
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.006	-23.35	-13	Pass
1756	1756.5	1	/	2	1756.480	-55.93	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



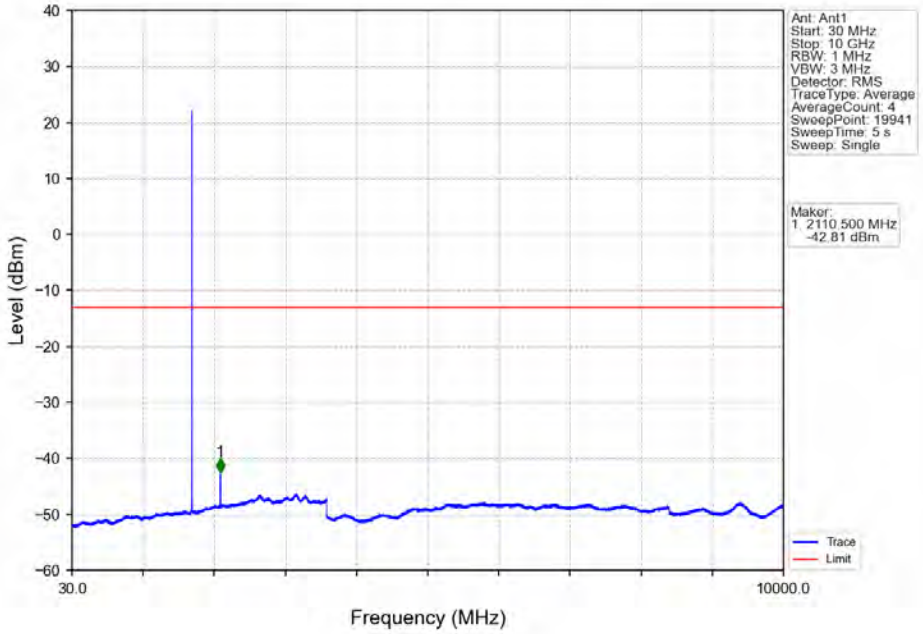
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.014	-28.00	-13	Pass
1756	1756.5	1	/	2	1756.024	-45.47	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

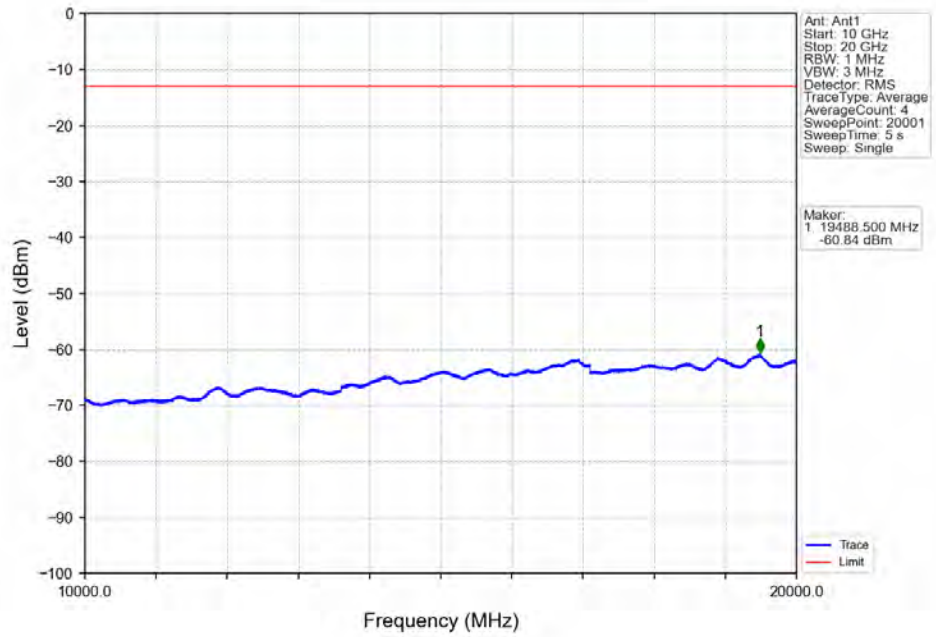


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.513	-55.04	-13	Pass
1709	1710	0.013	/	2	1709.998	-24.38	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

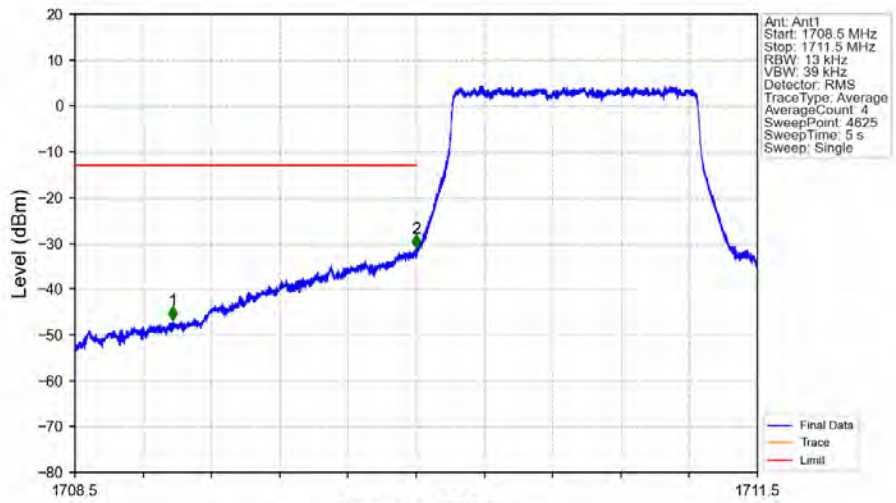
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

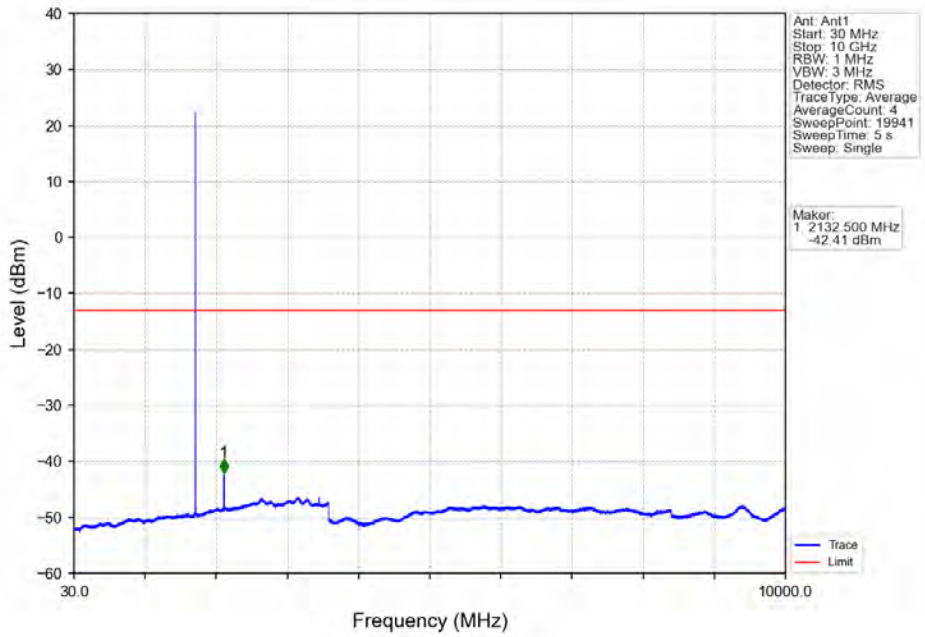


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

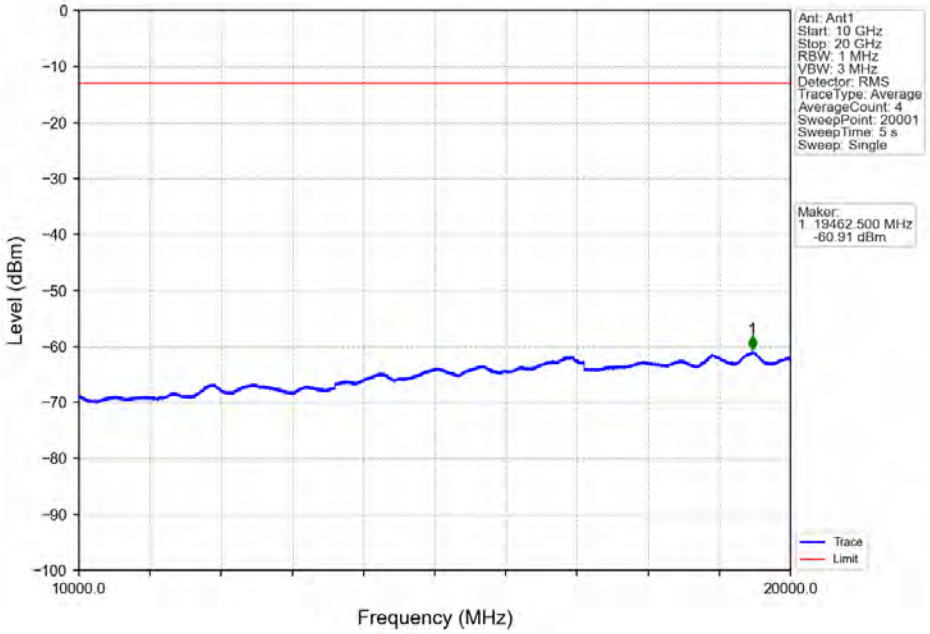


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.931	-46.90	-13	Pass
1709	1710	0.013	/	2	1710.000	-31.12	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

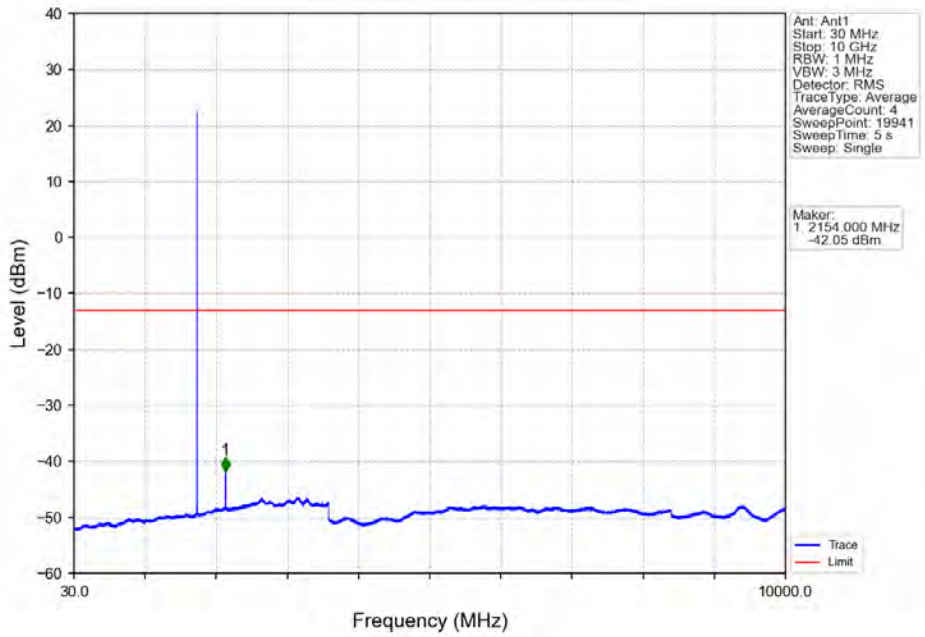
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



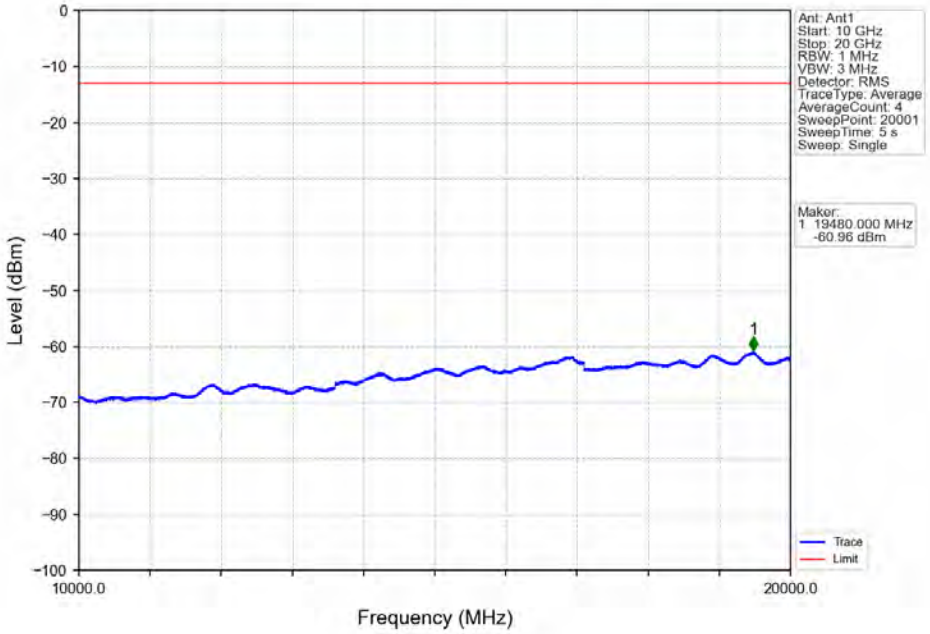
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



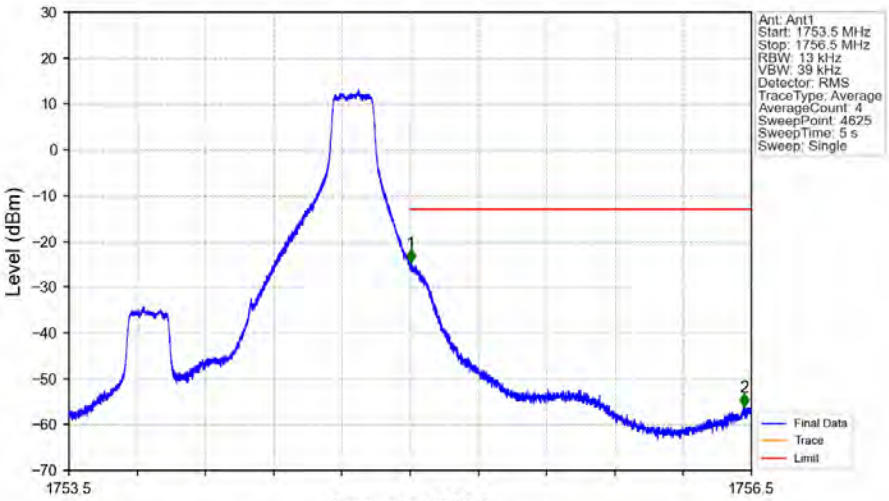
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

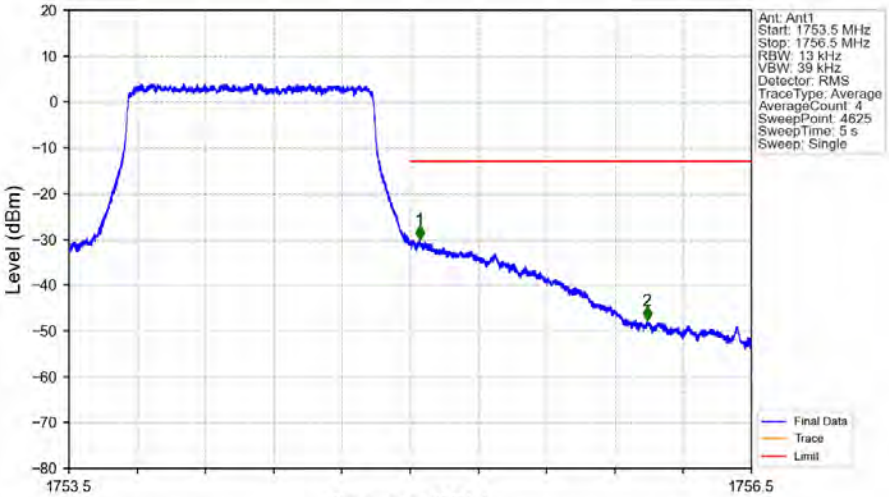


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.002	-24.67	-13	Pass
1756	1756.5	1	/	2	1756.468	-56.25	-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	1755.042	-30.14	-13	Pass
1756	1756.5	1	/	2	1756.041	-47.76	-13	Pass

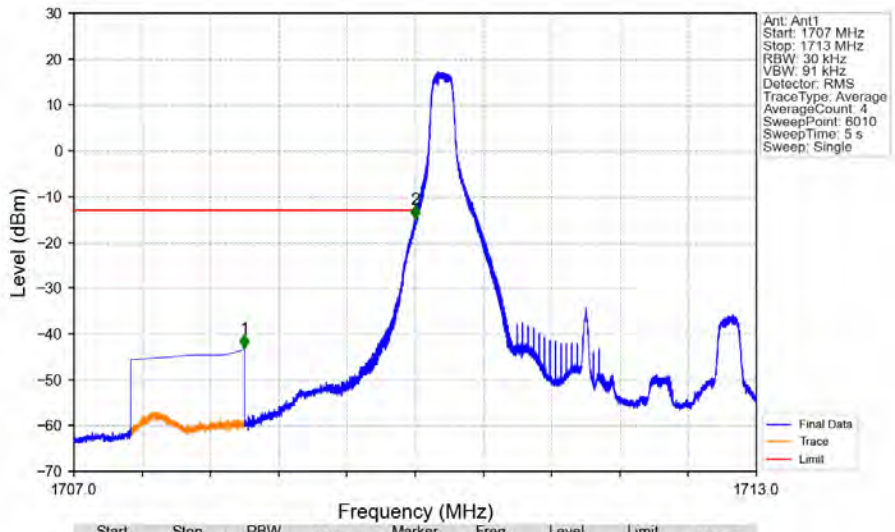
6.2 B4_3MHz

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

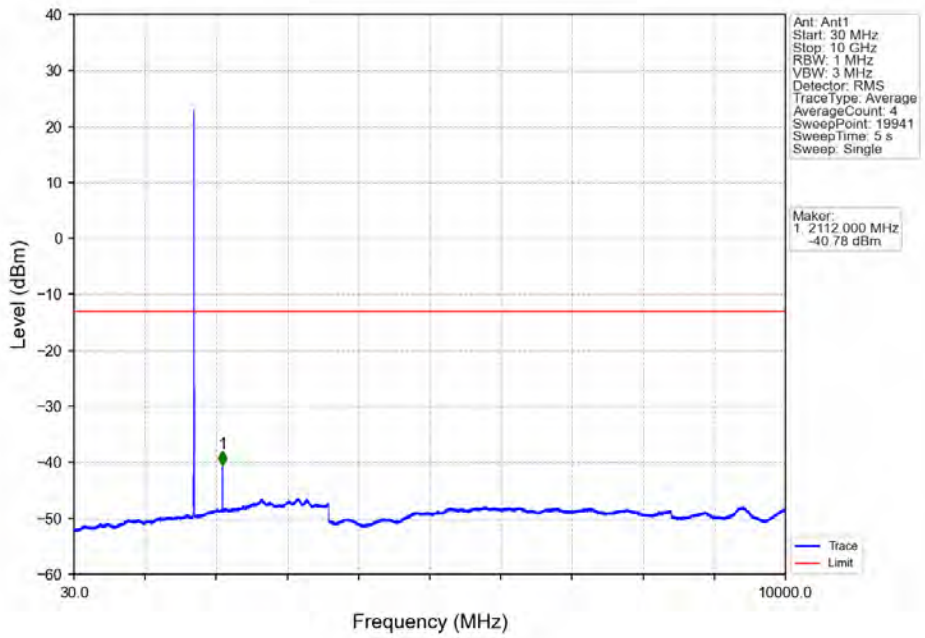
6.2.2 Test Graph

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

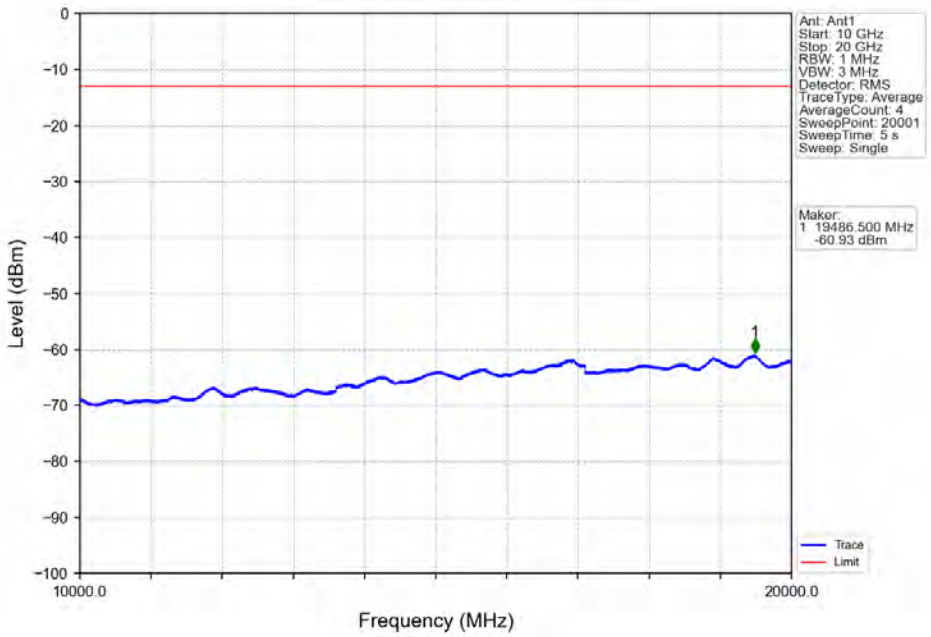


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-43.21	-13	Pass
1709	1710	0.03	/	2	1709.999	-14.97	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

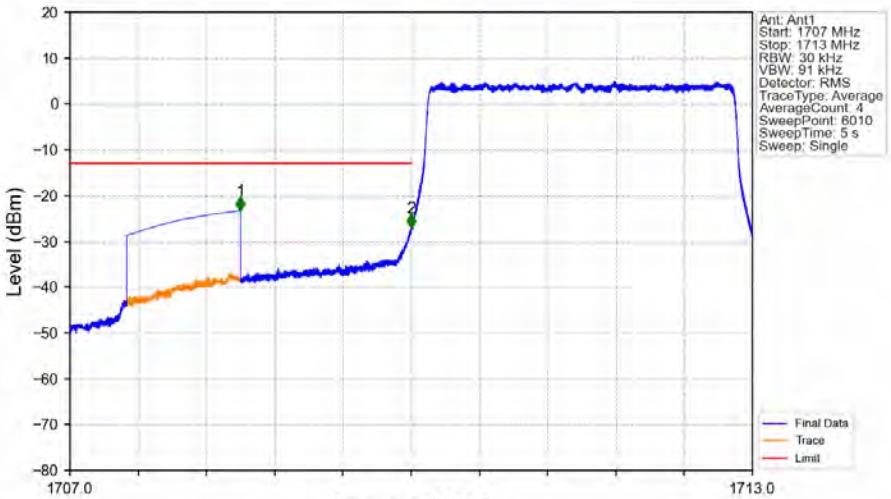
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

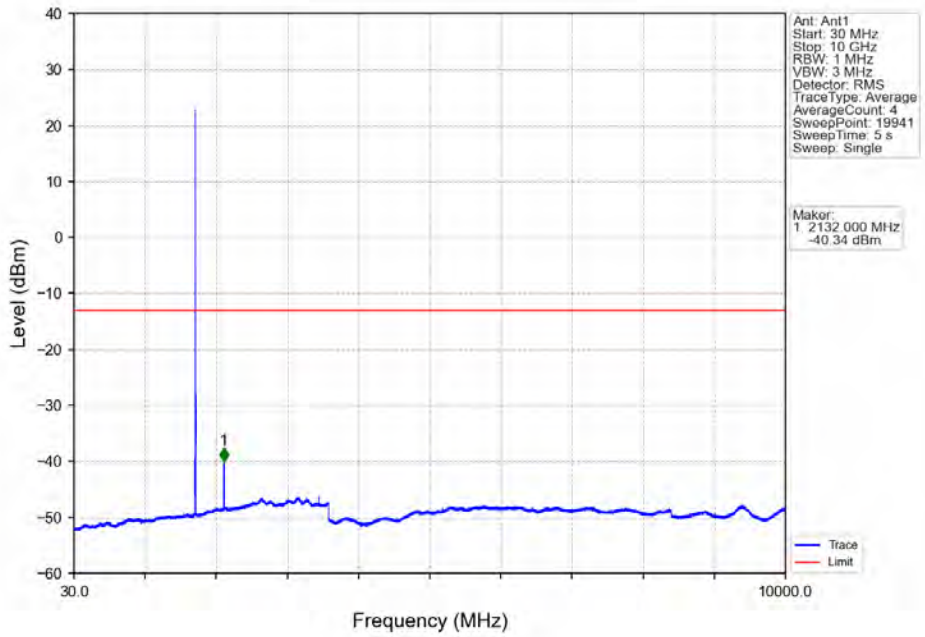


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

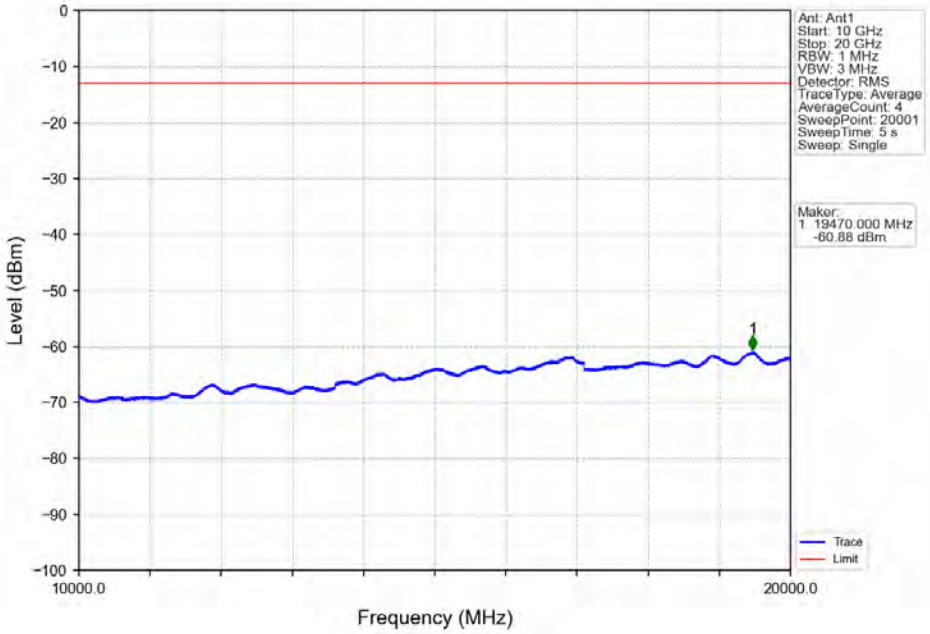


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-23.33	-13	Pass
1709	1710	0.03	/	2	1710.000	-27.04	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

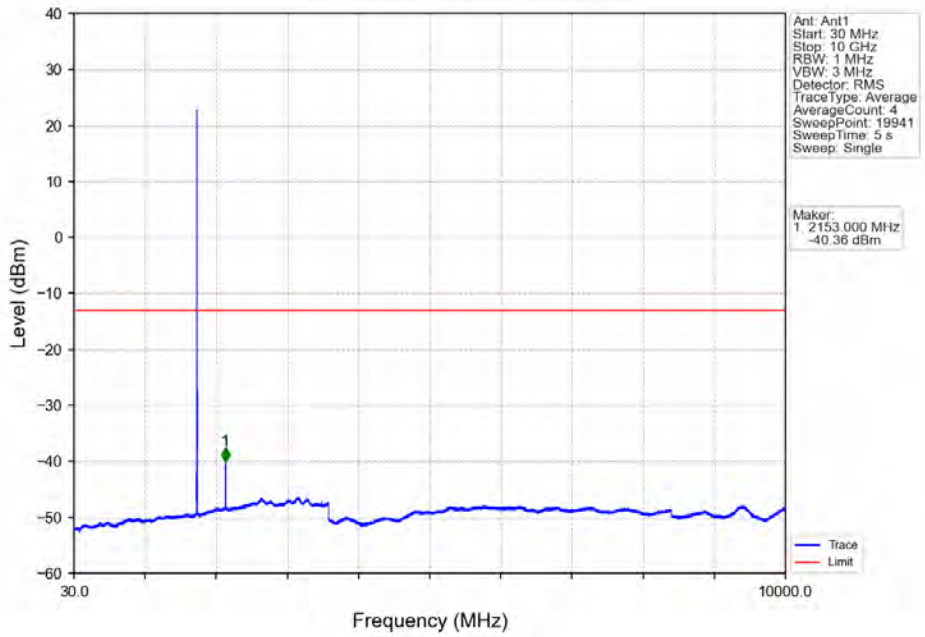
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



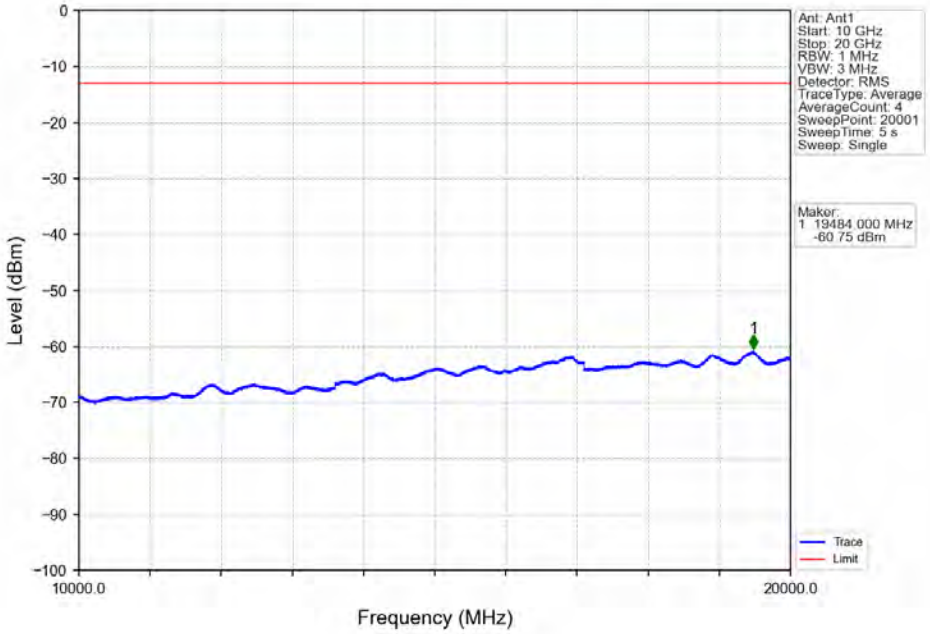
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



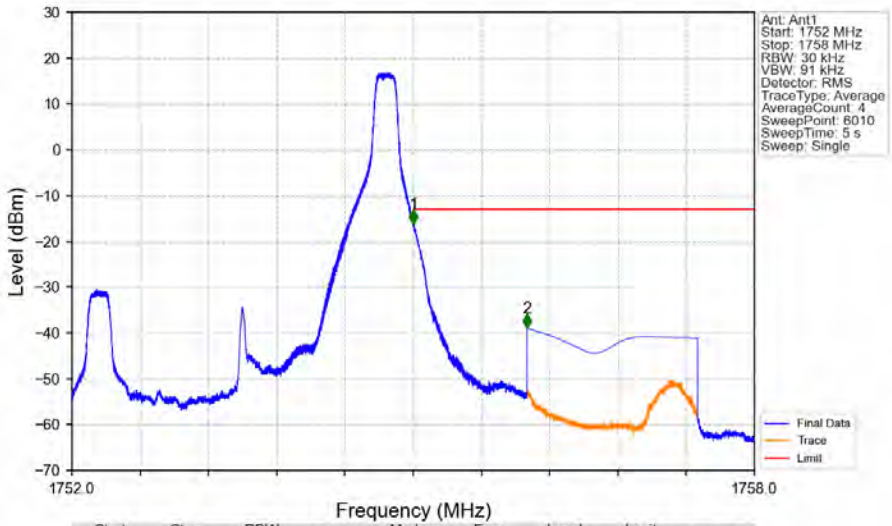
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

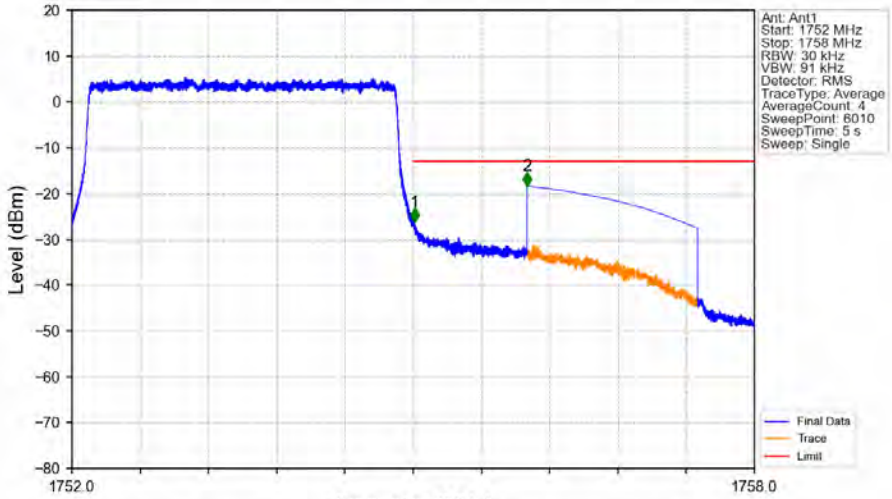


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



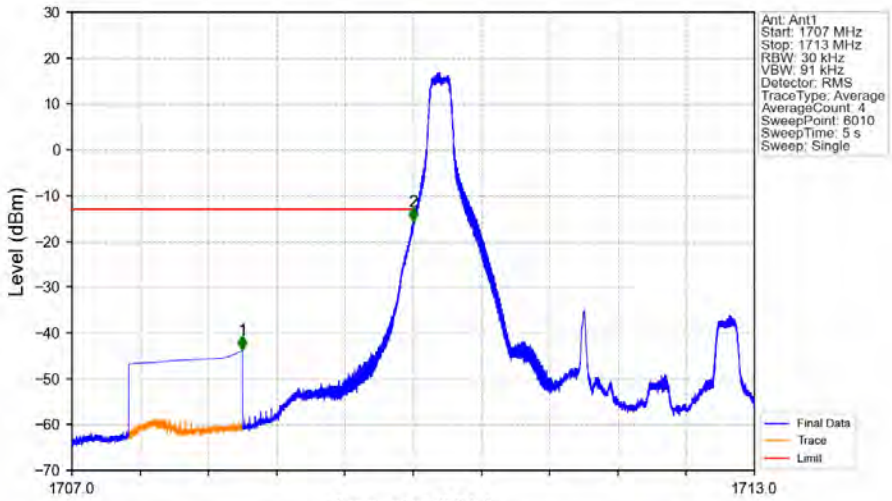
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.003	-16.24	-13	Pass
1756	1758	1	CHP	2	1756.001	-38.95	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



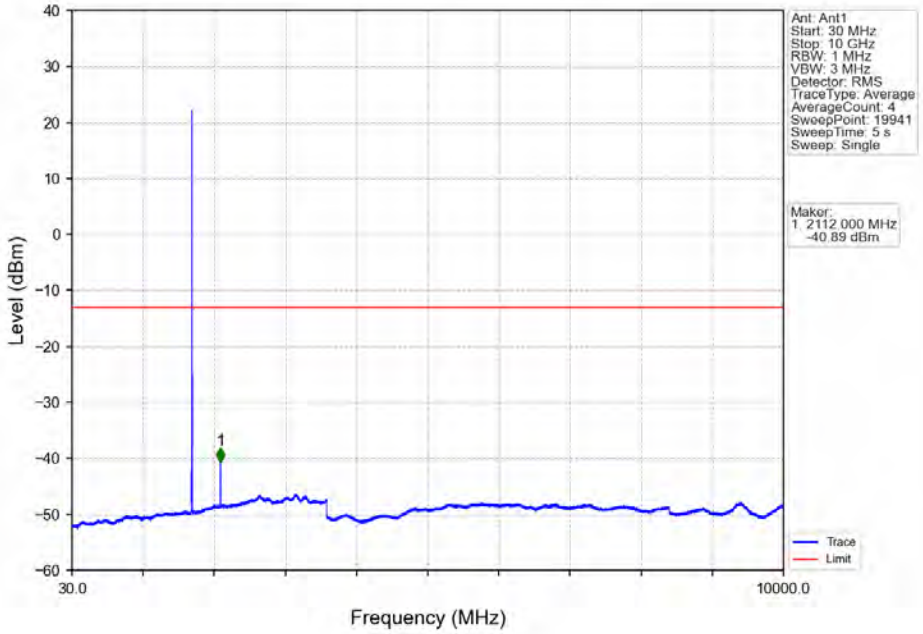
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.011	-26.18	-13	Pass
1756	1758	1	CHP	2	1756.001	-18.36	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

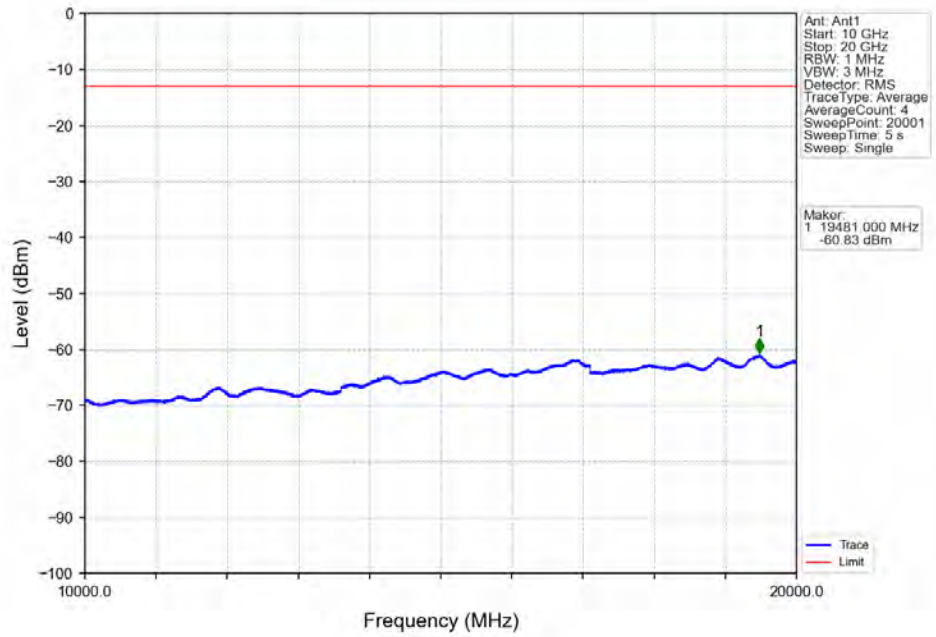


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-43.77	-13	Pass
1709	1710	0.03	/	2	1709.999	-15.65	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

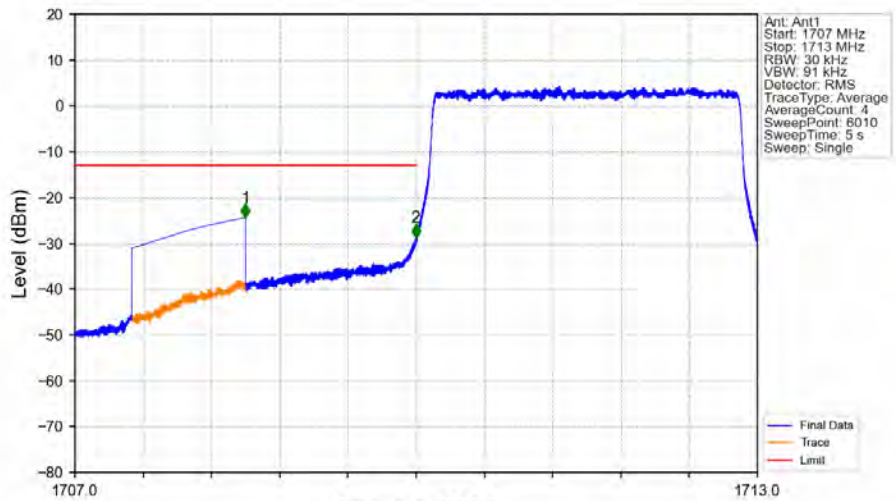
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

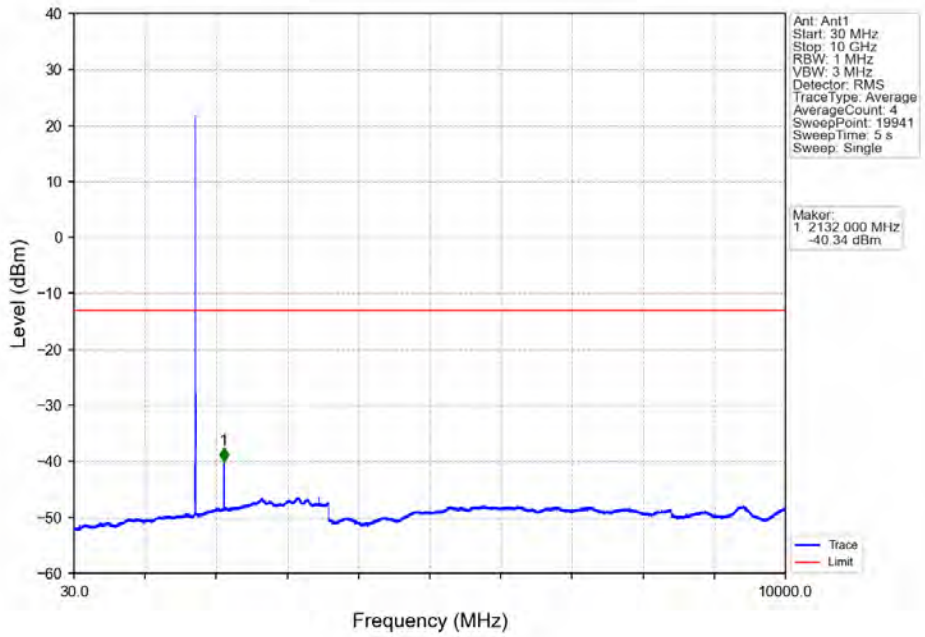


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

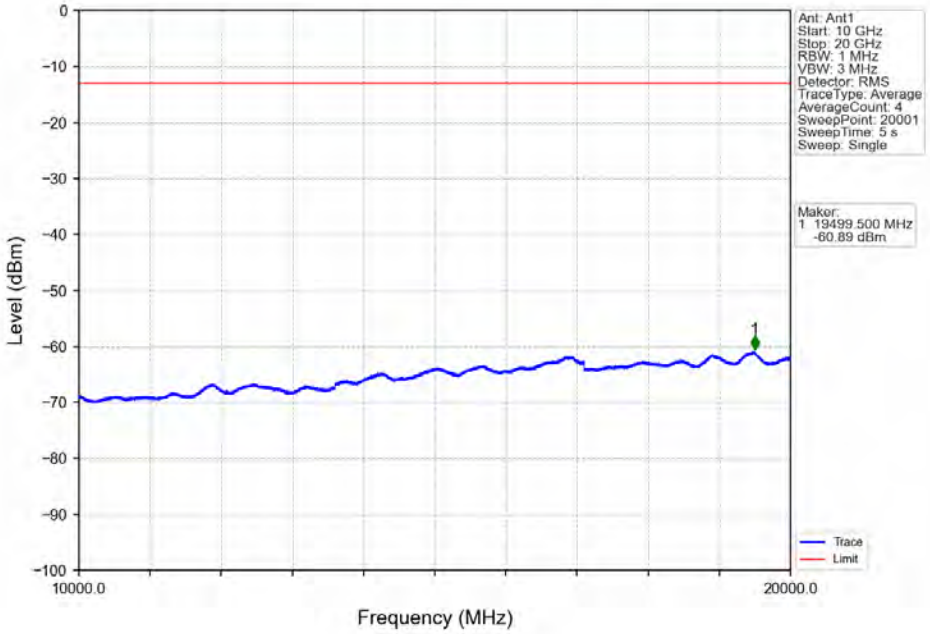


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.43	-13	Pass
1709	1710	0.03	/	2	1709.997	-28.77	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

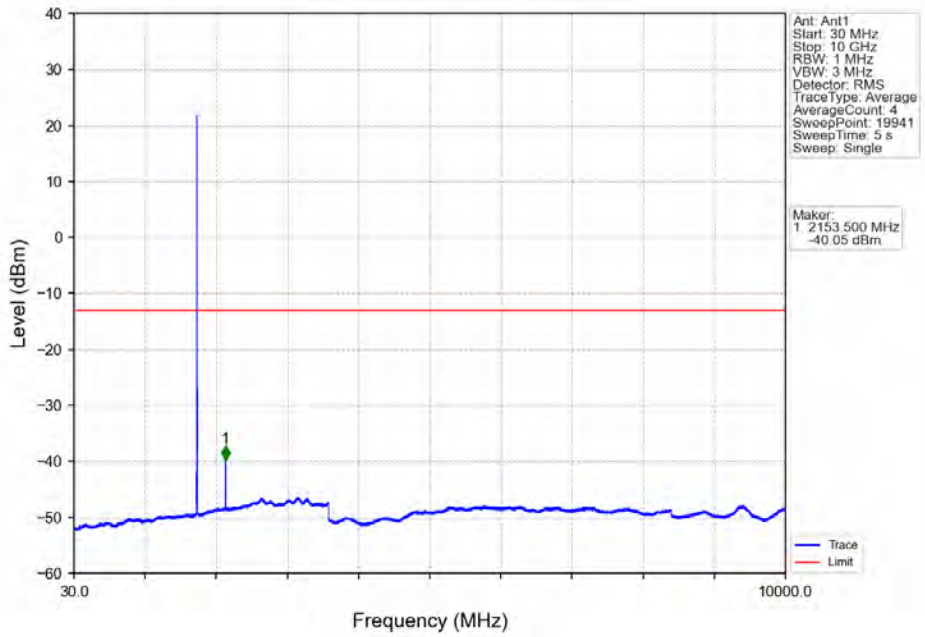
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



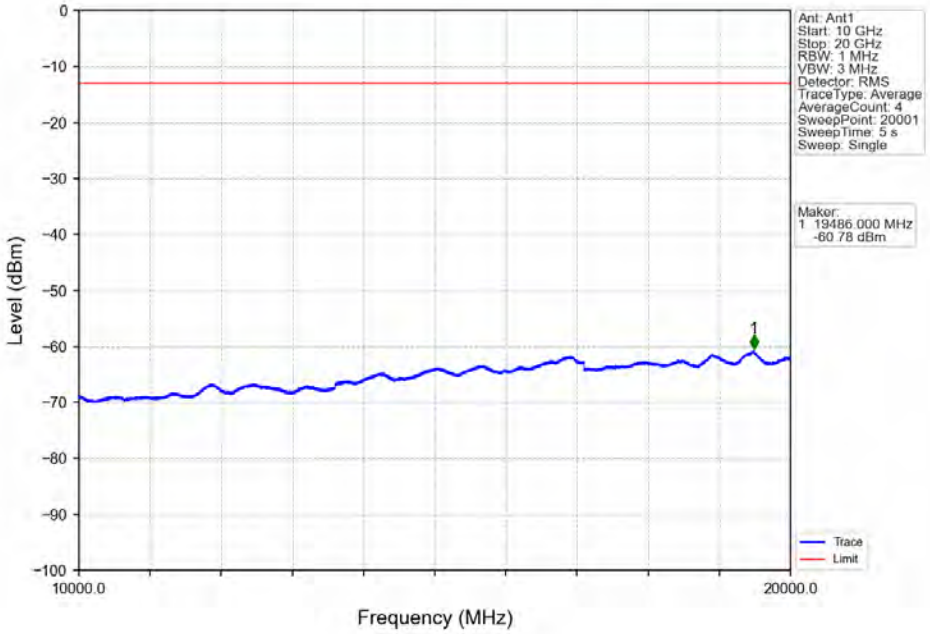
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



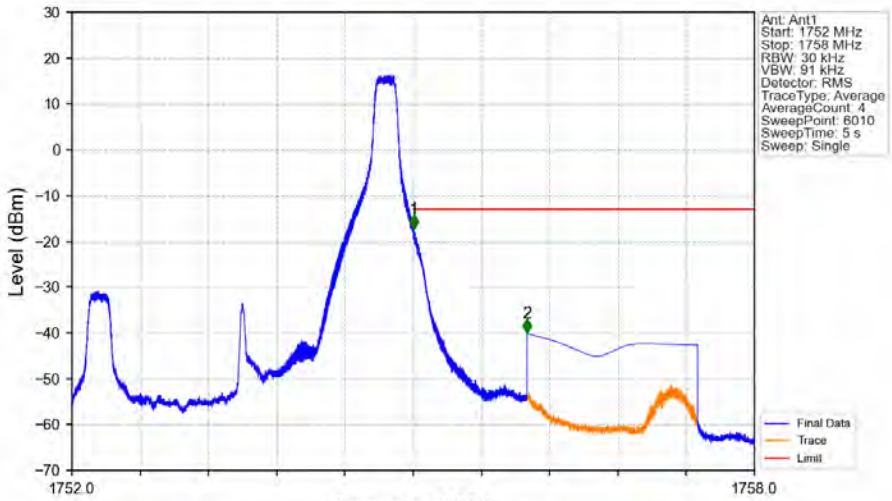
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

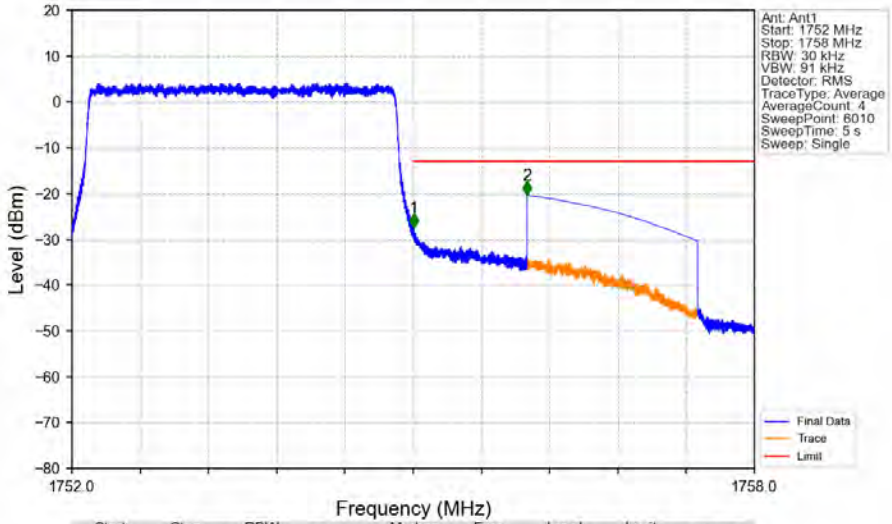


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.005	-17.28	-13	Pass
1756	1758	1	CHP	2	1756.001	-40.04	-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	1755.005	-27.43	-13	Pass
1756	1758	1	CHP	2	1756.001	-20.38	-13	Pass

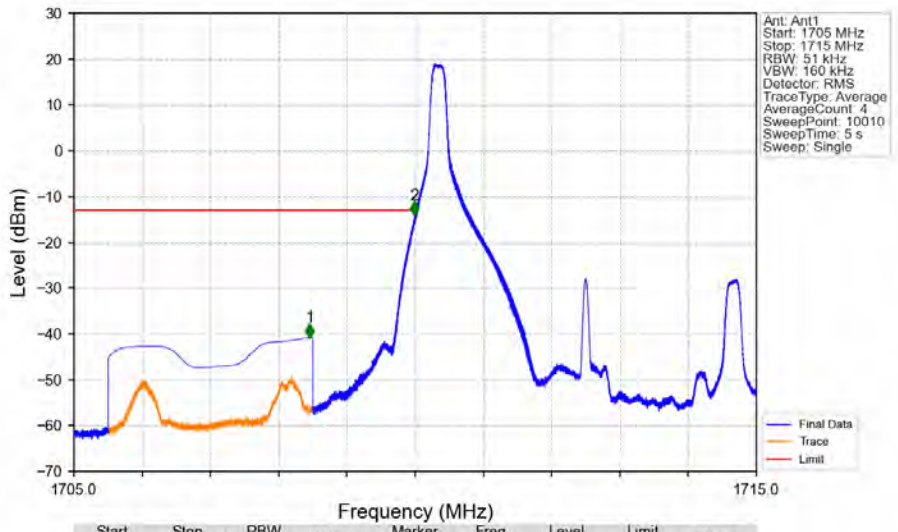
6.3 B4_5MHz

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

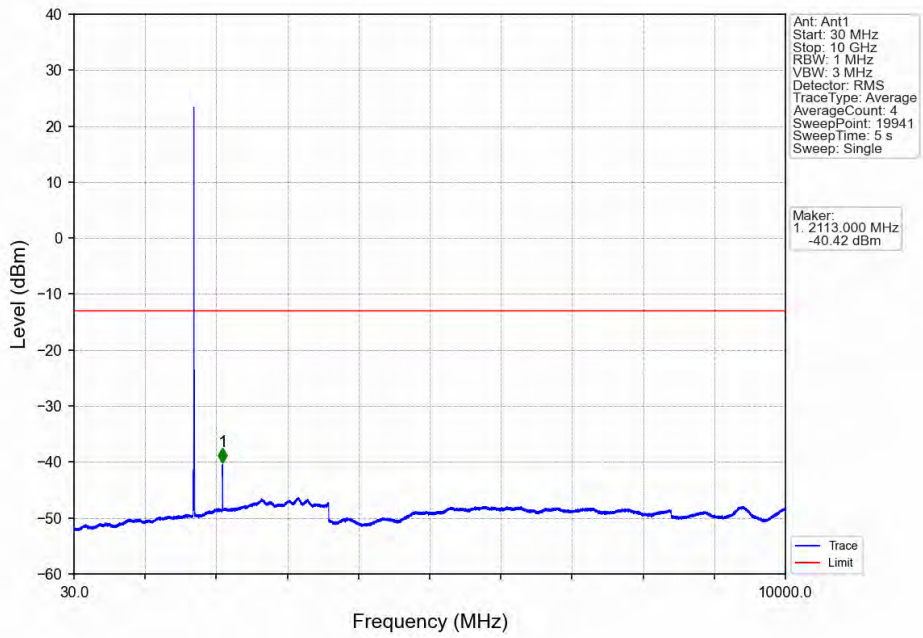
6.3.2 Test Graph

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

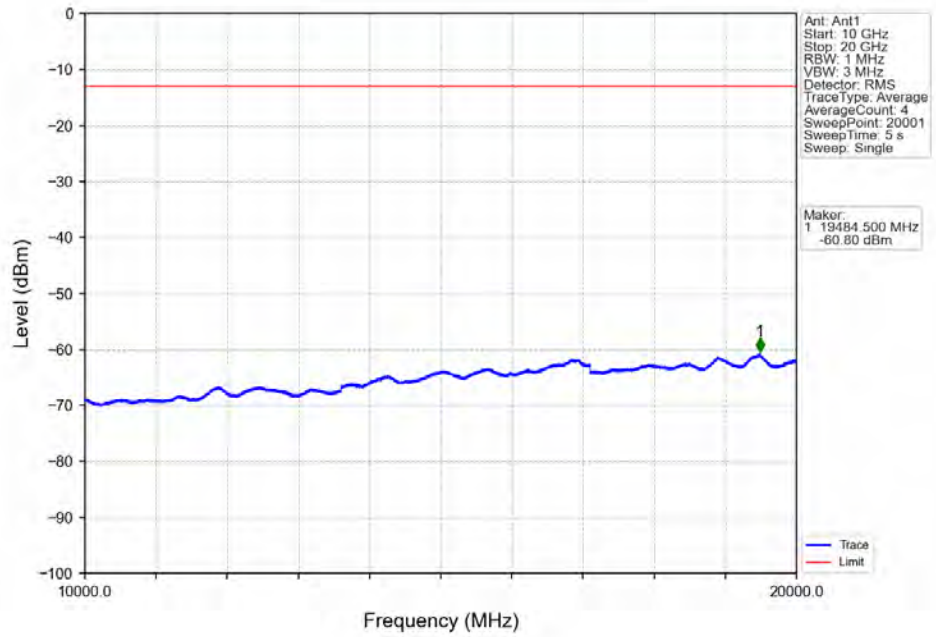


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.455	-40.83	-13	Pass
1709	1710	0.051	/	2	1709.993	-14.16	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

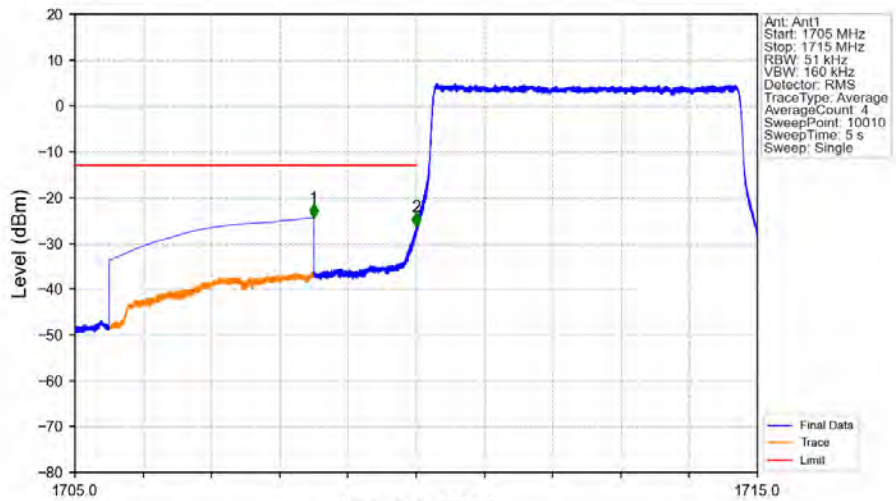
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

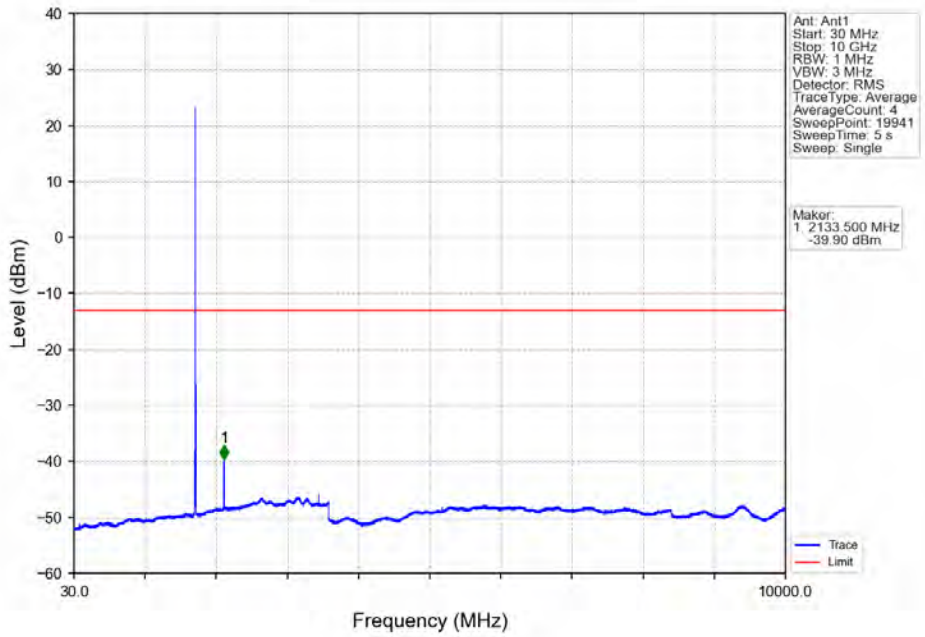


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

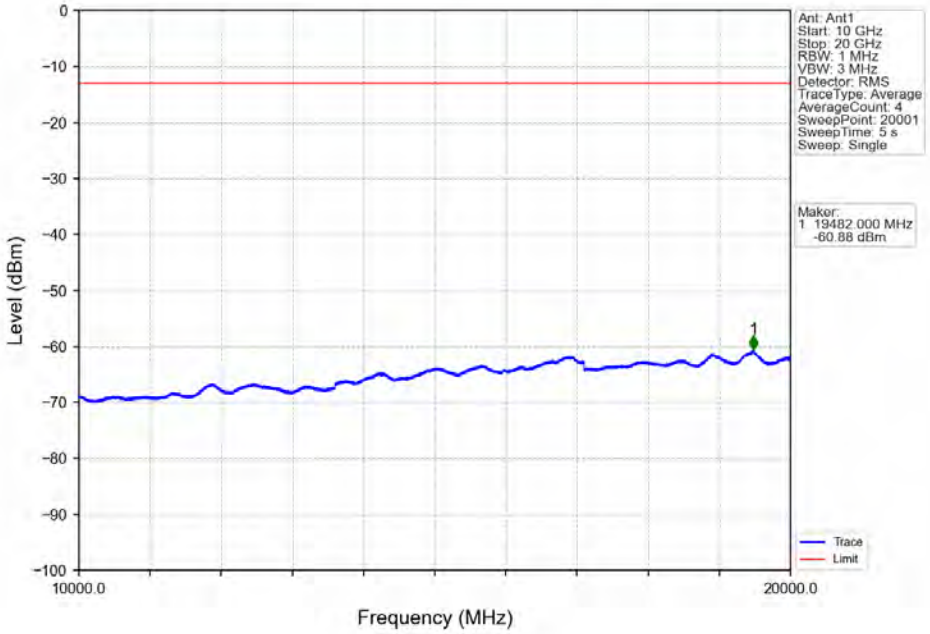


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.496	-24.46	-13	Pass
1709	1710	0.051	/	2	1709.999	-26.42	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

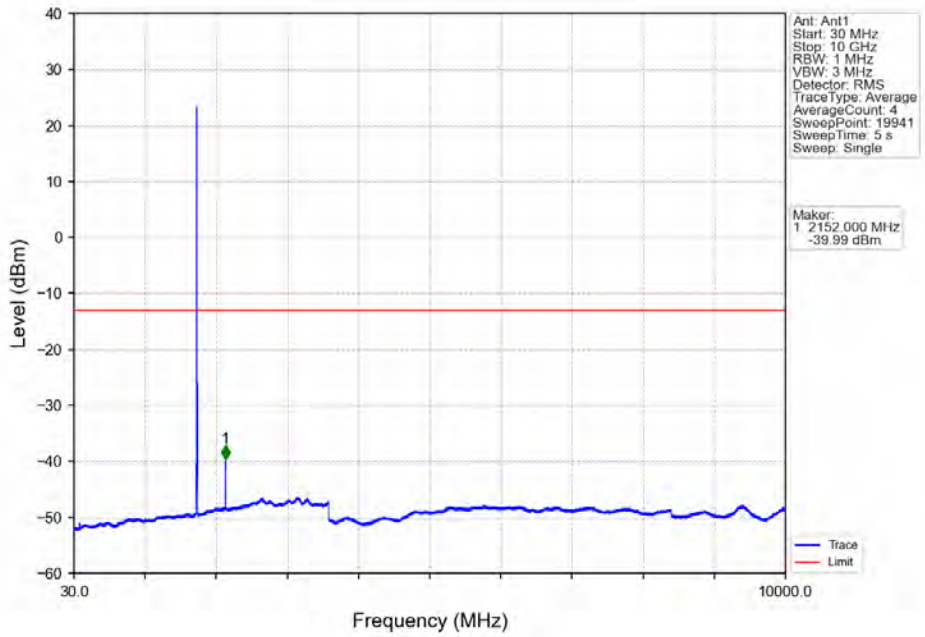
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



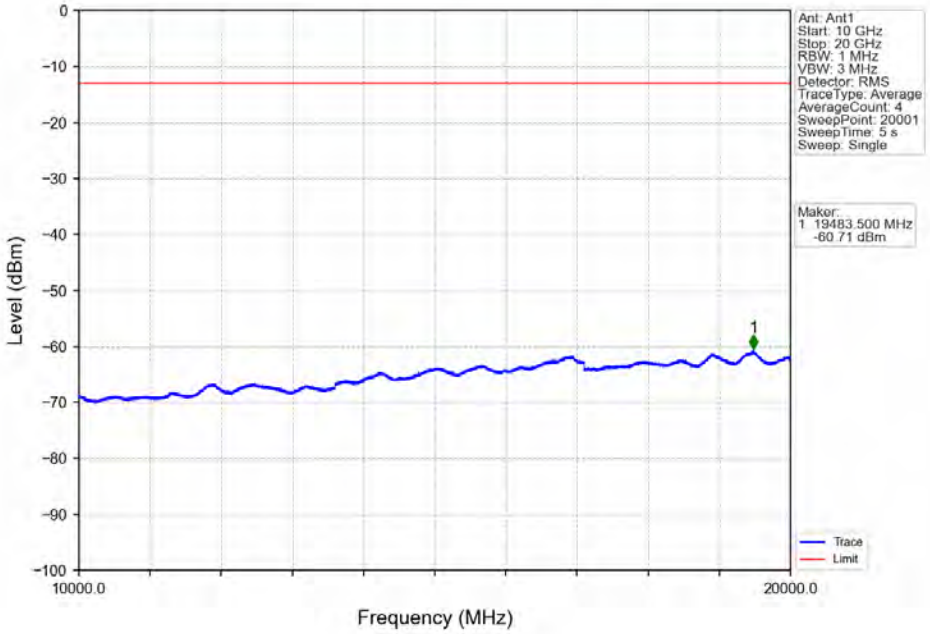
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



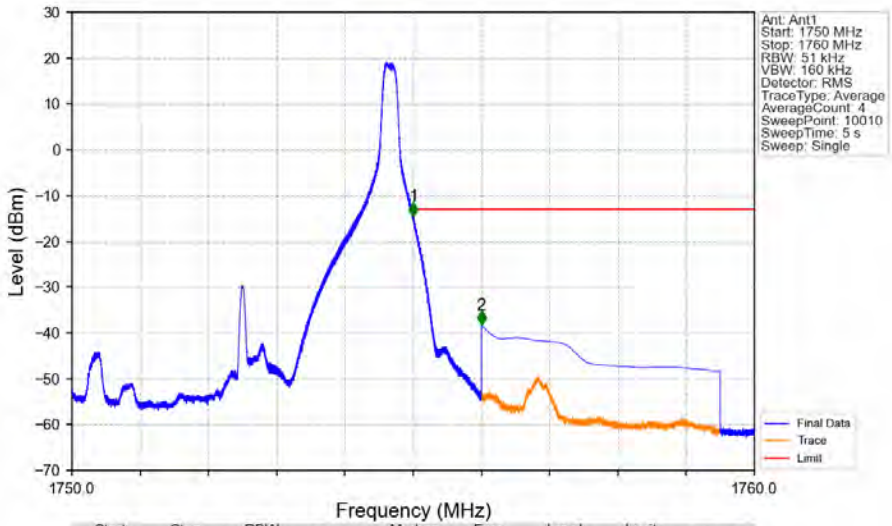
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

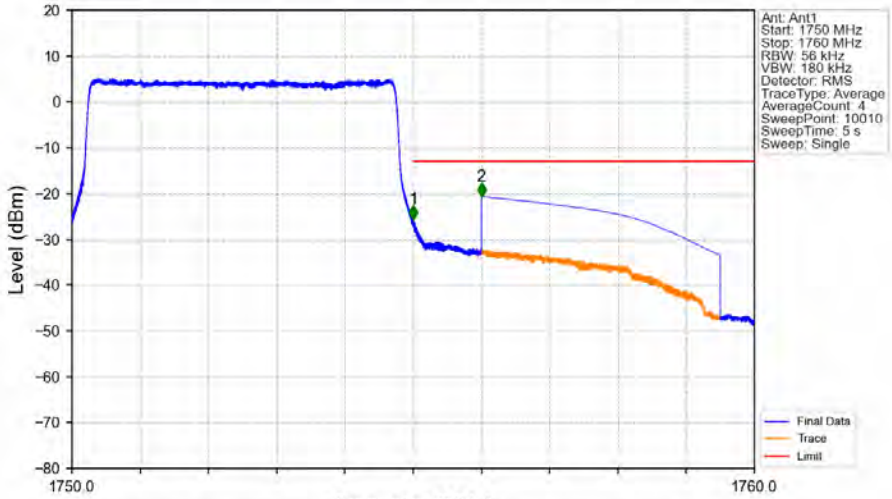


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



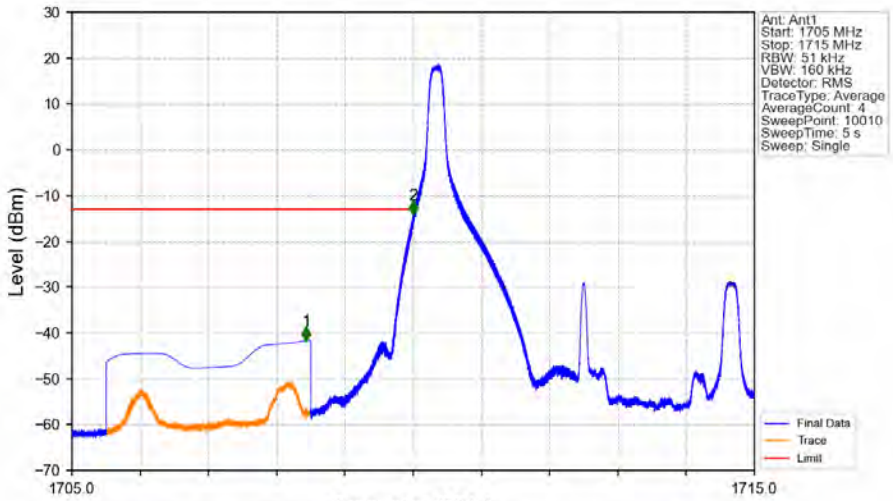
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.005	-14.54	-13	Pass
1756	1760	1	CHP	2	1756.001	-38.33	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



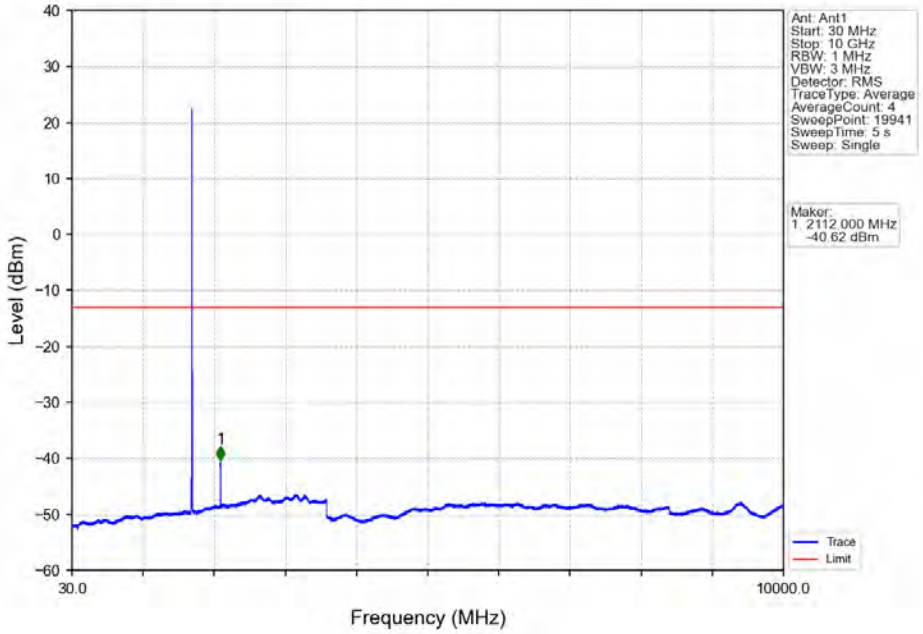
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	/	/	/	/	/
1755	1756	0.056	/	1	1755.005	-25.59	-13	Pass
1756	1760	1	CHP	2	1756.001	-20.65	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

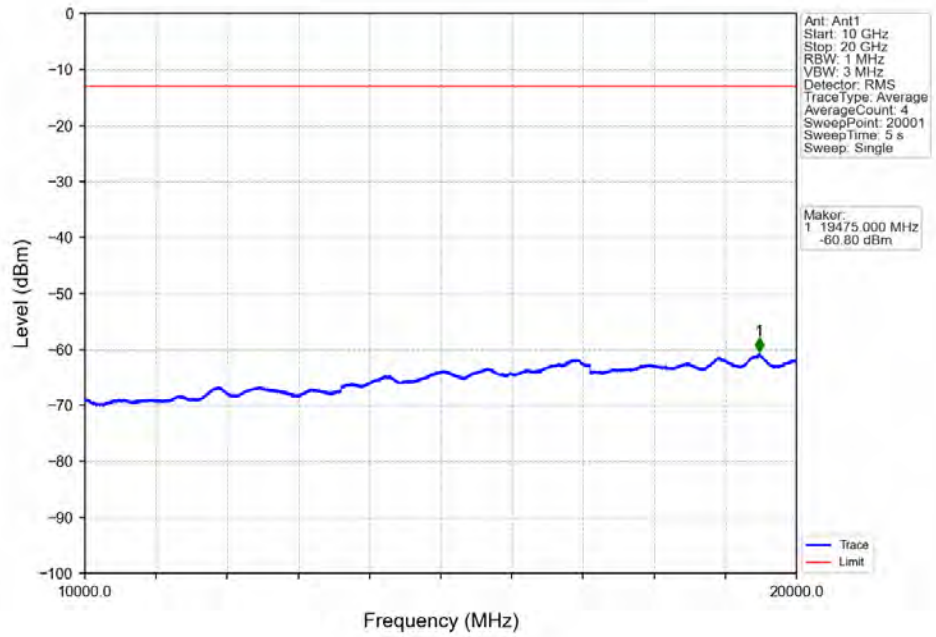


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.431	-41.74	-13	Pass
1709	1710	0.051	/	2	1709.999	-14.27	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

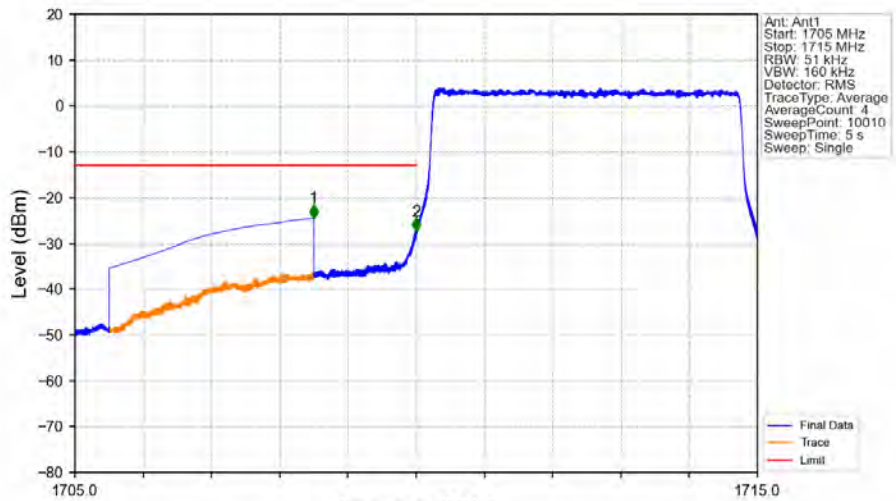
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

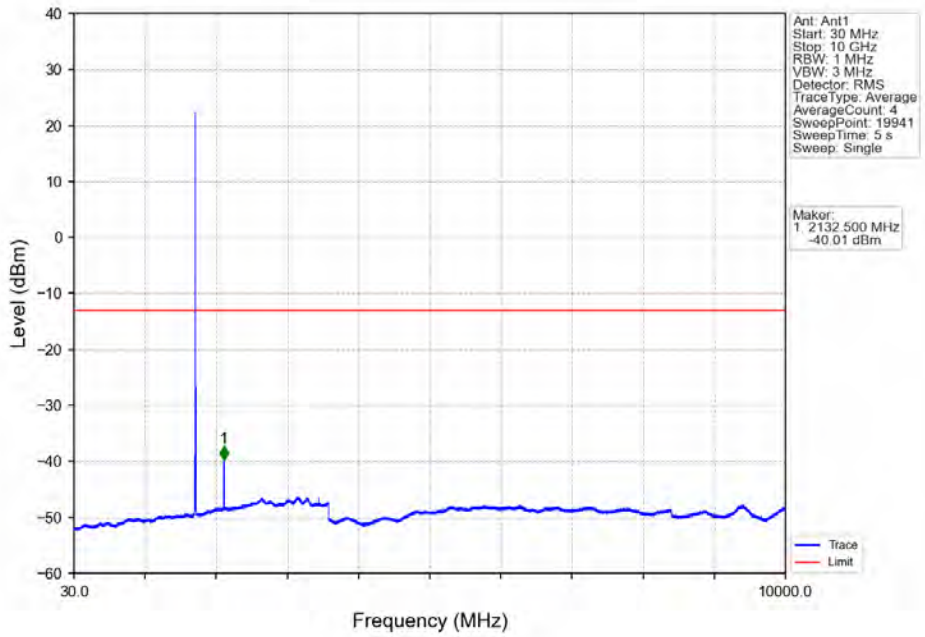


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

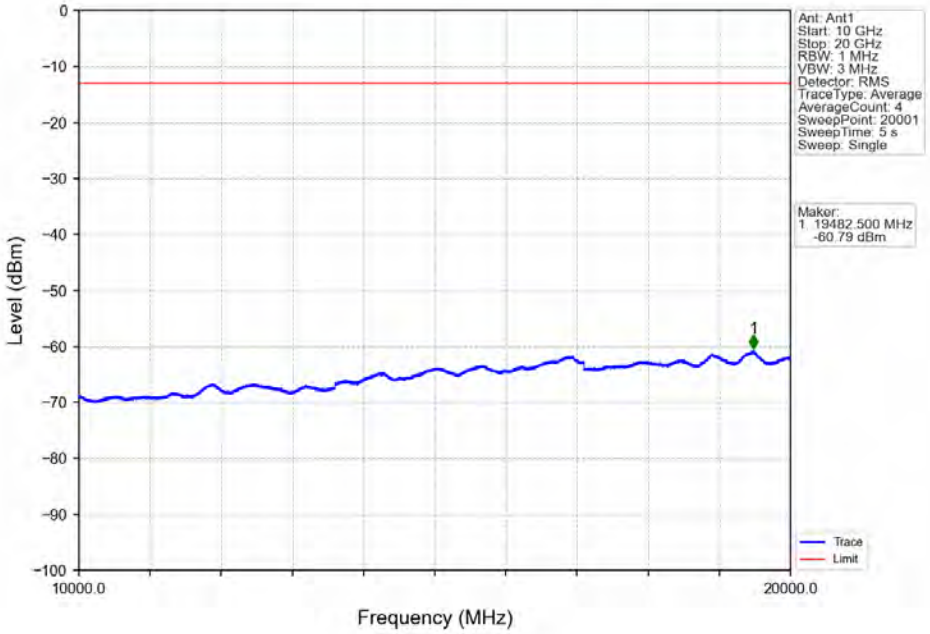


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.497	-24.55	-13	Pass
1709	1710	0.051	/	2	1709.999	-27.46	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

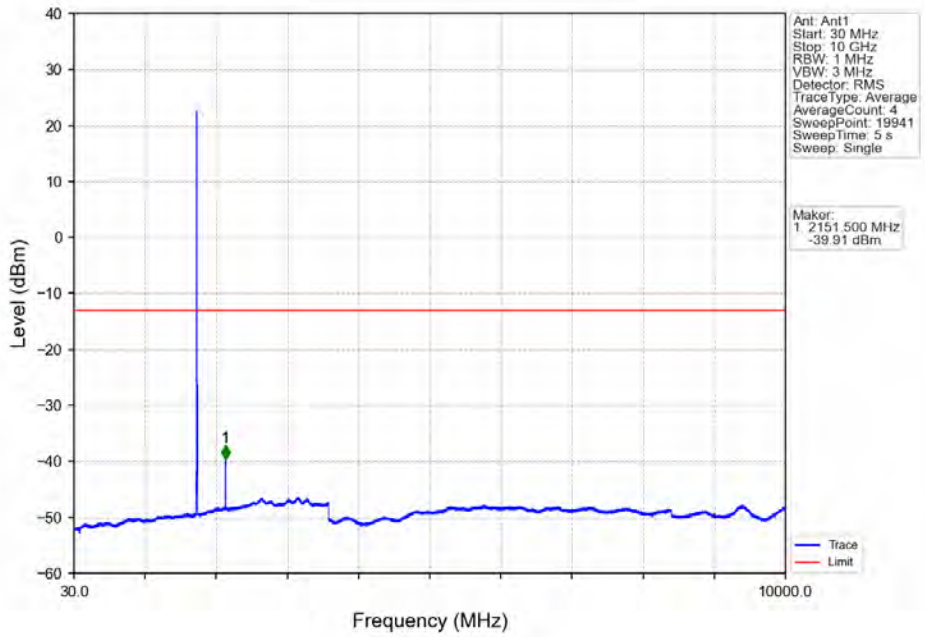
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



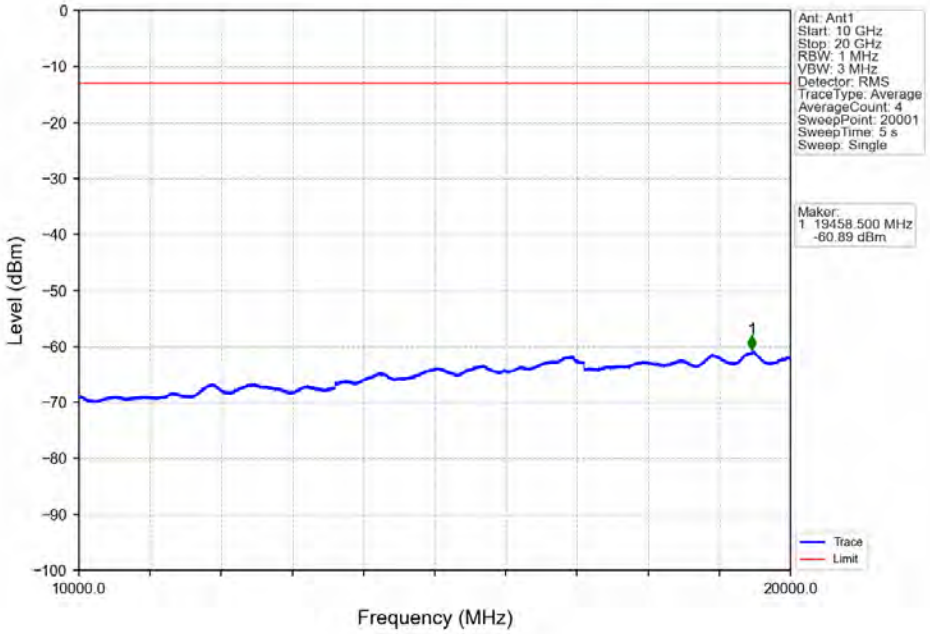
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



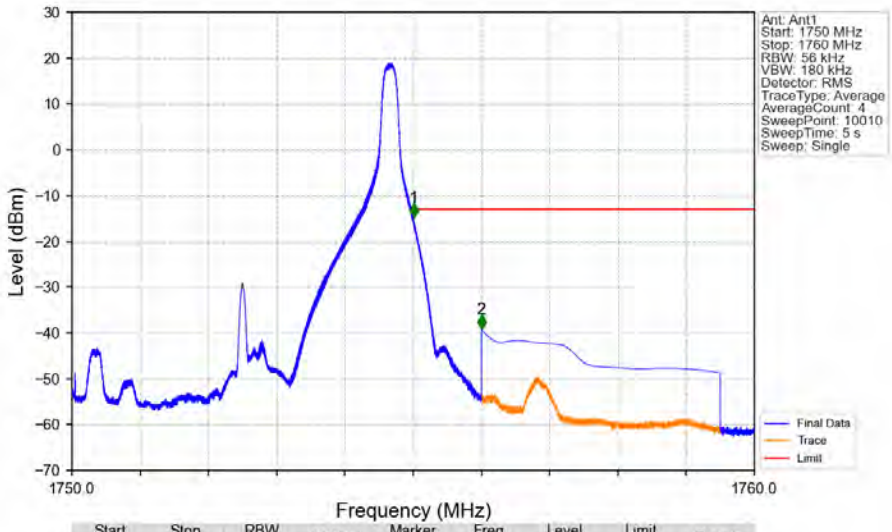
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

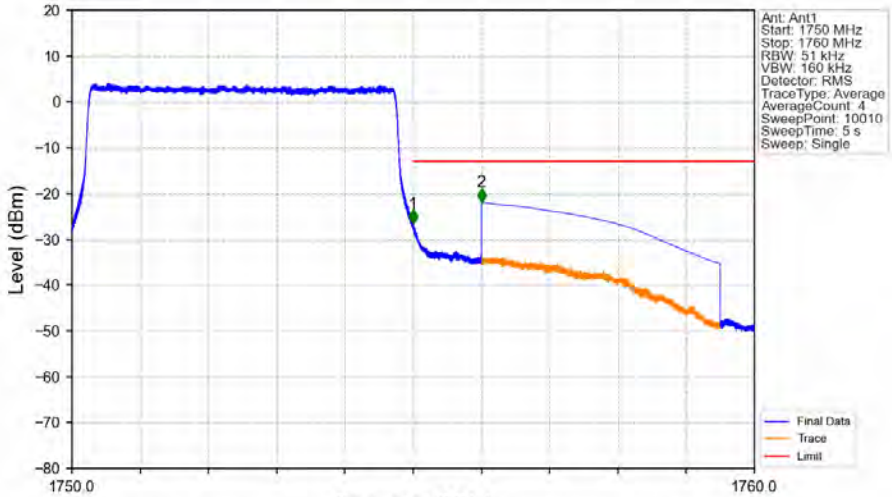


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	/	/	/	/	/
1755	1756	0.056	/	1	1755.006	-14.81	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.19	-13	Pass

Band4_5MHz_16QAM_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	0.052	/	/	/	/	/	/
1755	1756	0.052	/	1	1755.001	-26.59	-13	Pass
1756	1760	1	CHP	2	1756.001	-21.91	-13	Pass

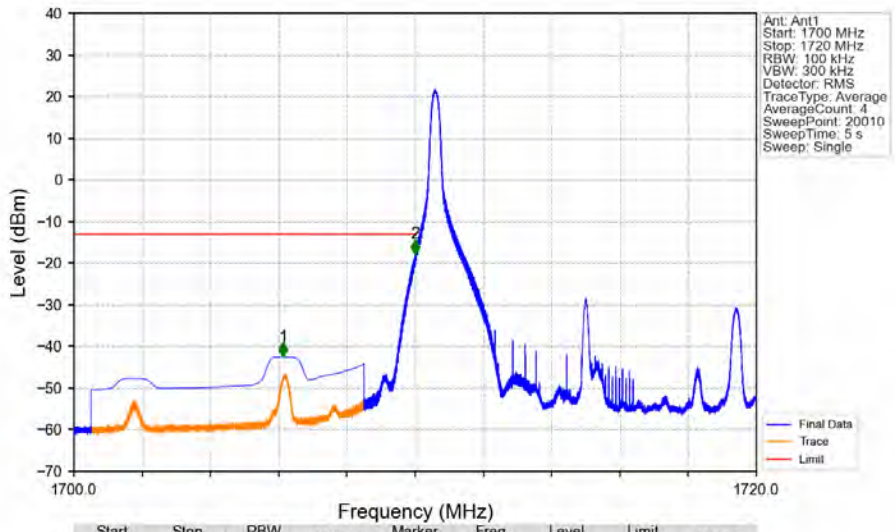
6.4 B4_10MHz

6.4.1 Test Result

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

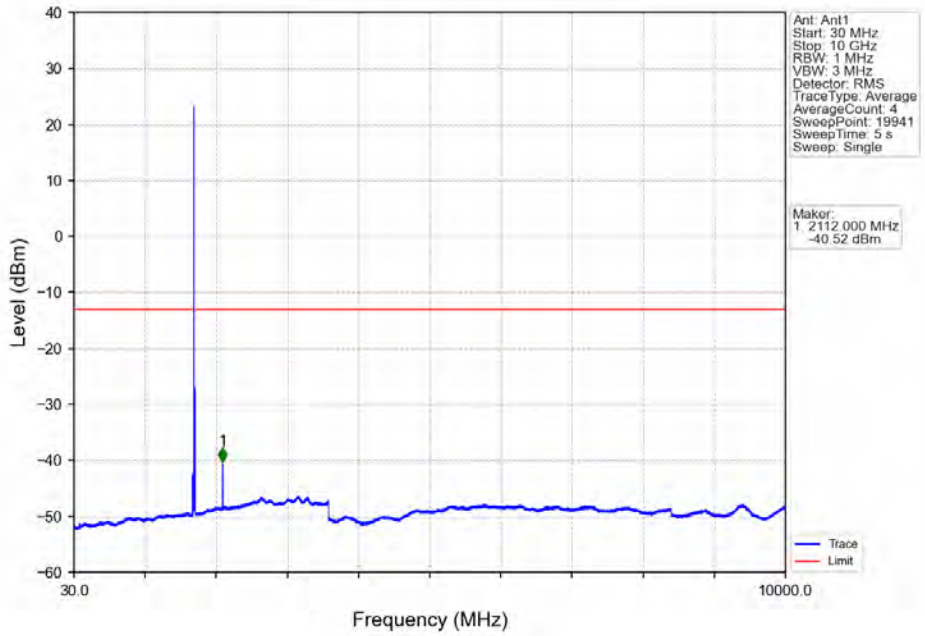
6.4.2 Test Graph

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

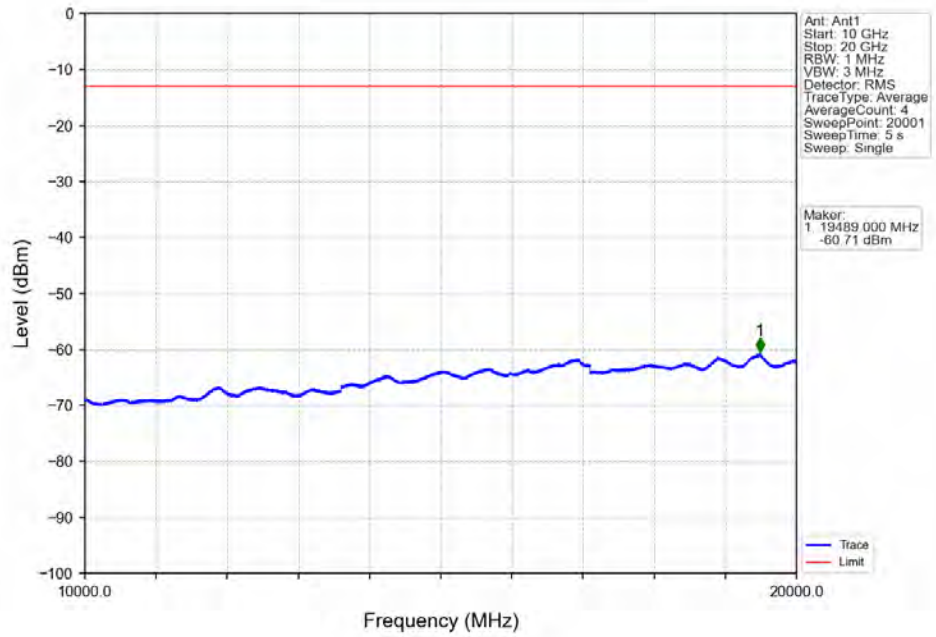


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.131	-42.49	-13	Pass
1709	1710	0.1	/	2	1709.997	-17.72	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

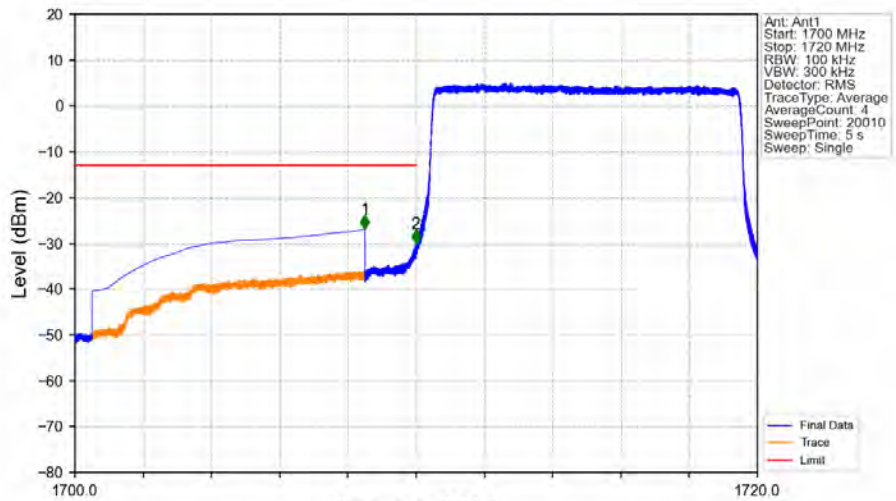
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

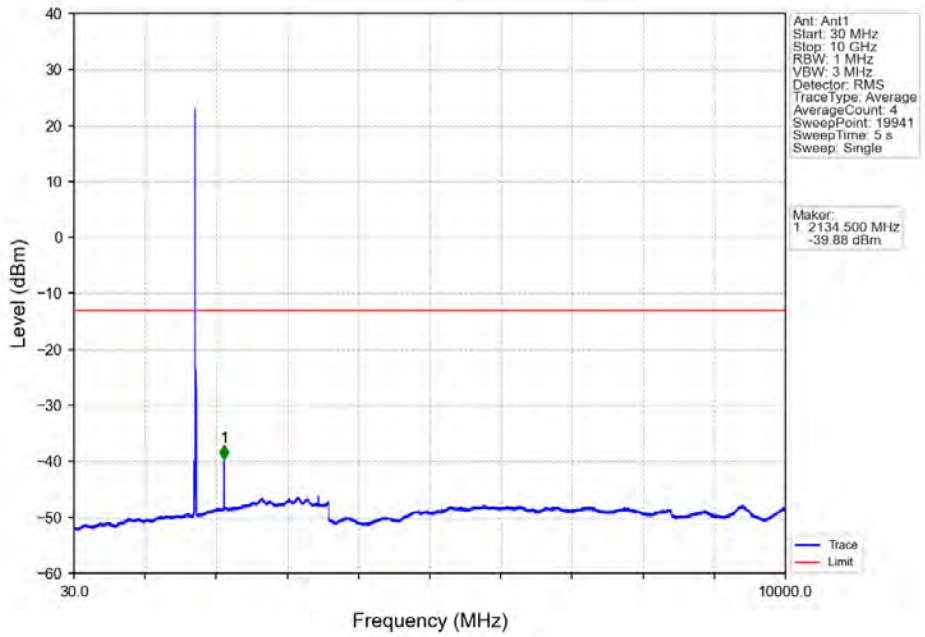


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

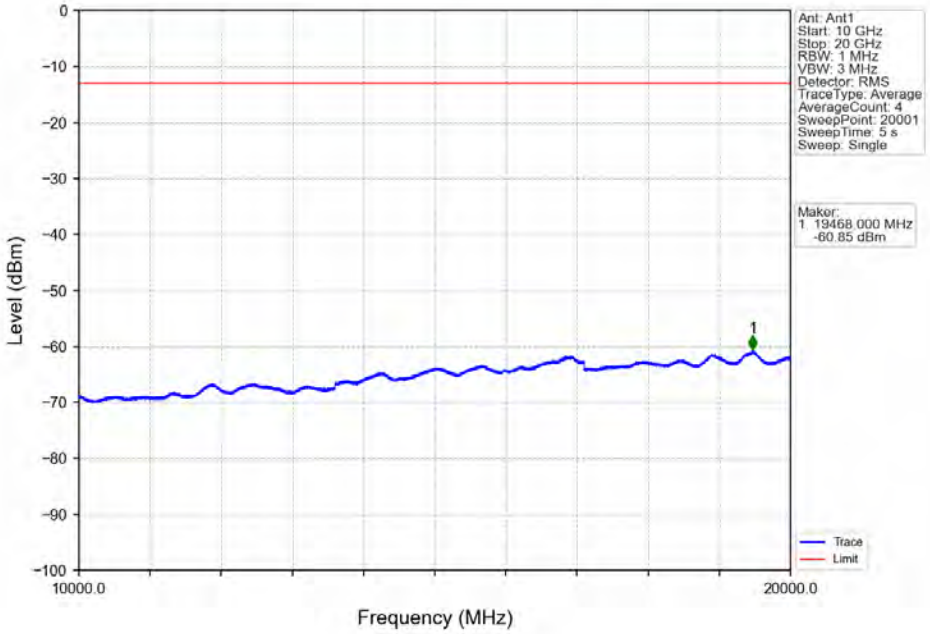


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.491	-26.99	-13	Pass
1709	1710	0.1	/	2	1709.993	-30.10	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

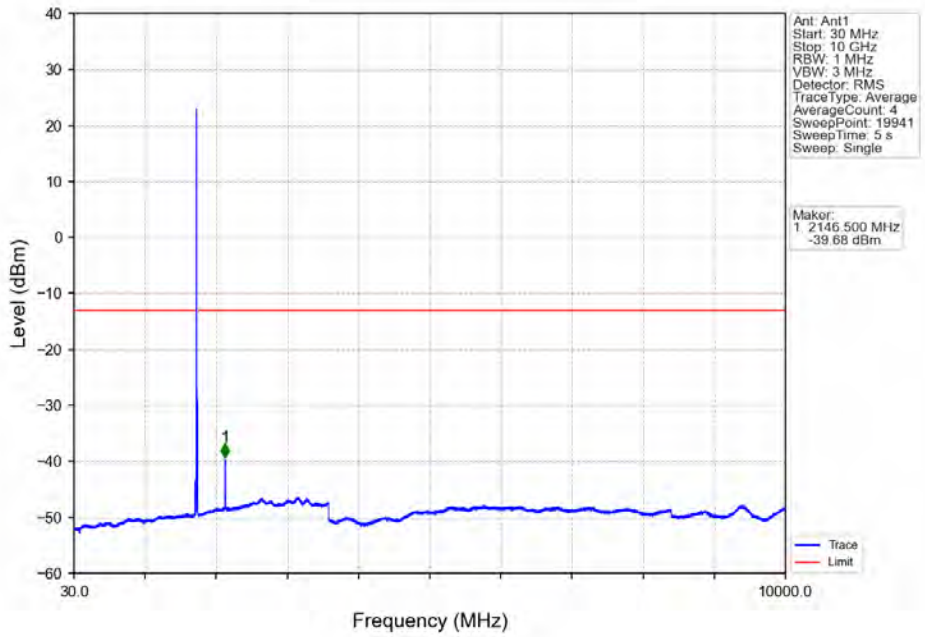
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



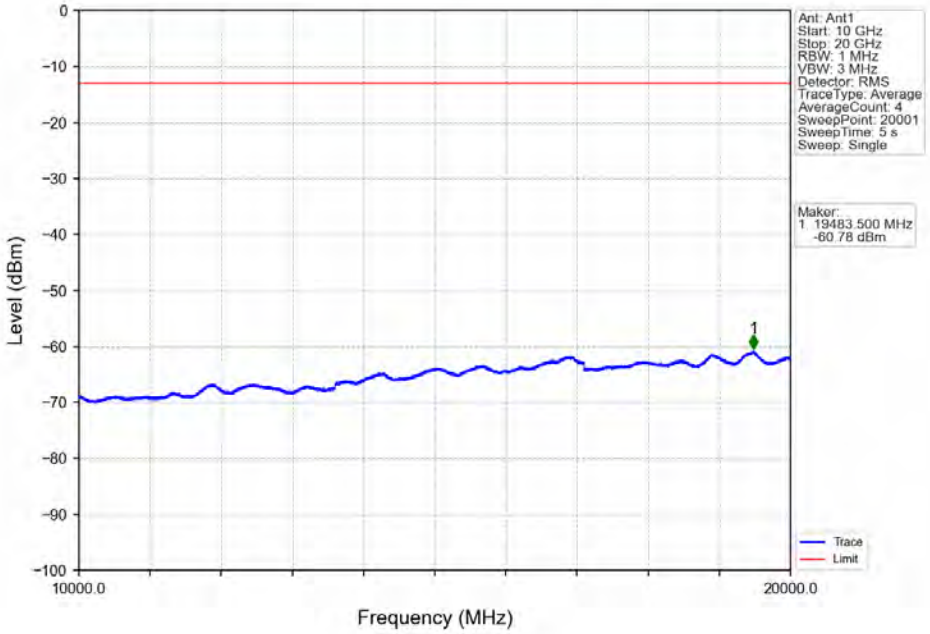
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



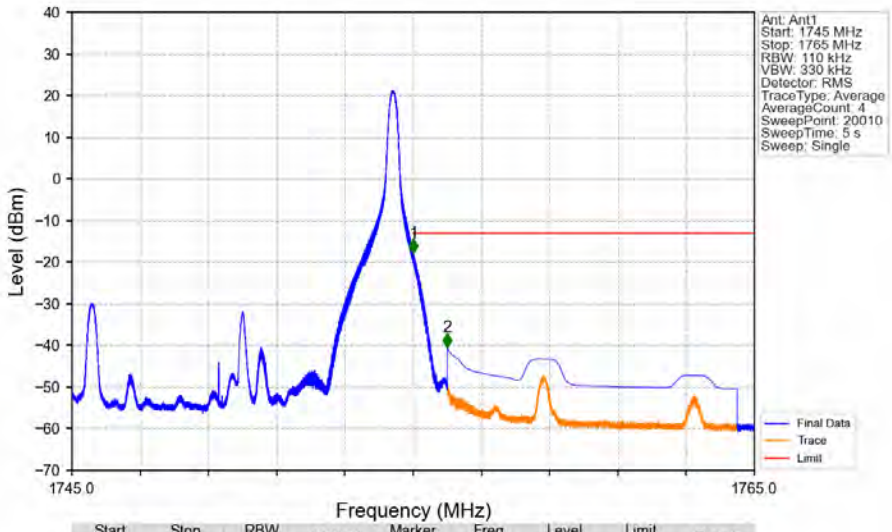
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

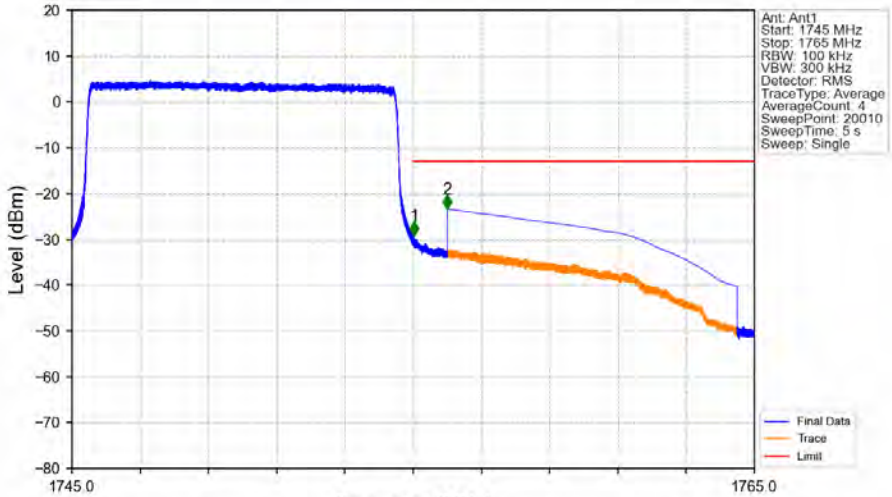


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



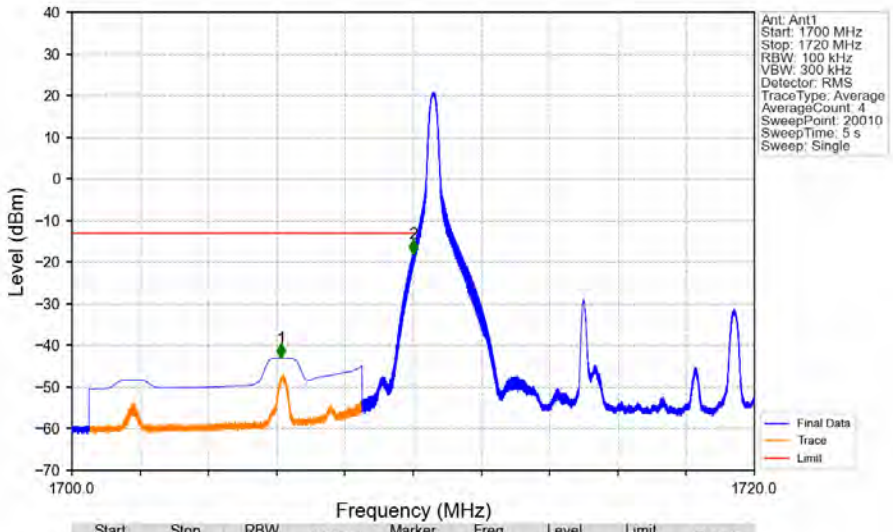
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.009	-17.83	-13	Pass
1756	1765	1	CHP	2	1756.000	-40.44	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



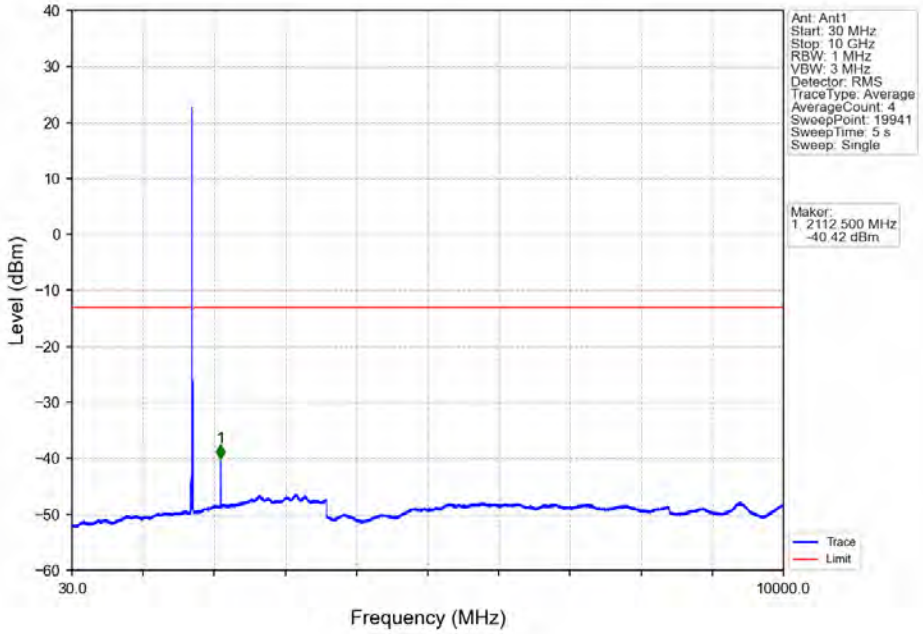
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.027	-29.22	-13	Pass
1756	1765	1	CHP	2	1756.000	-23.38	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

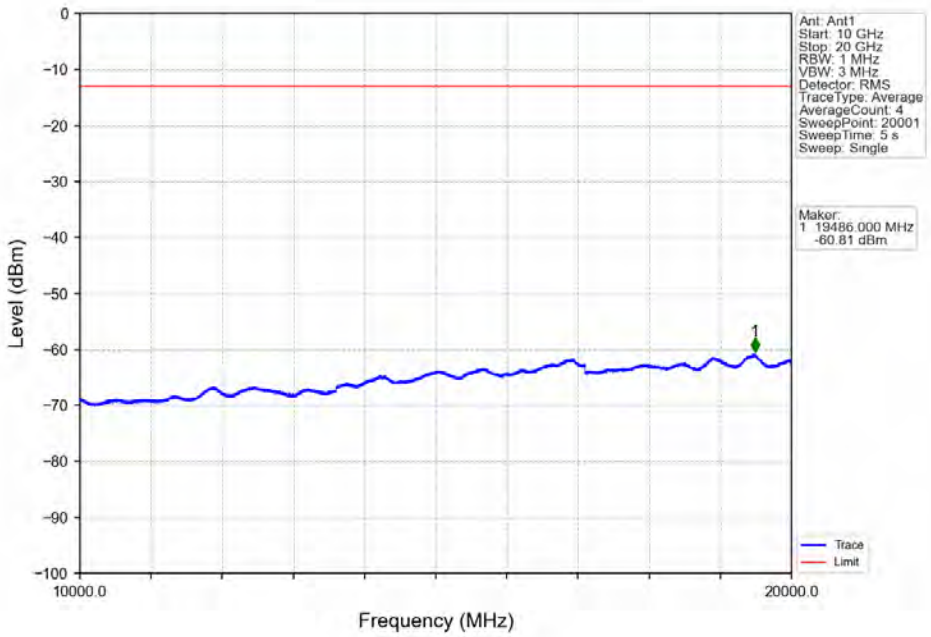


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.131	-43.06	-13	Pass
1709	1710	0.1	/	2	1709.995	-18.01	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

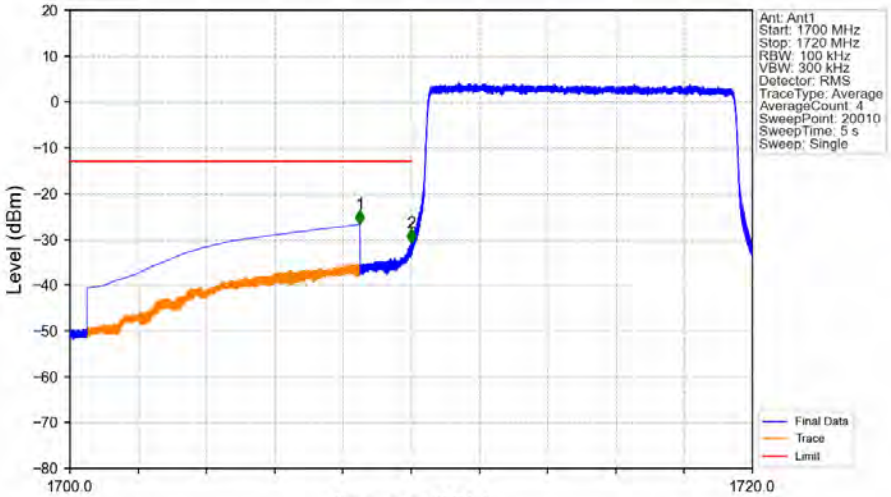
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

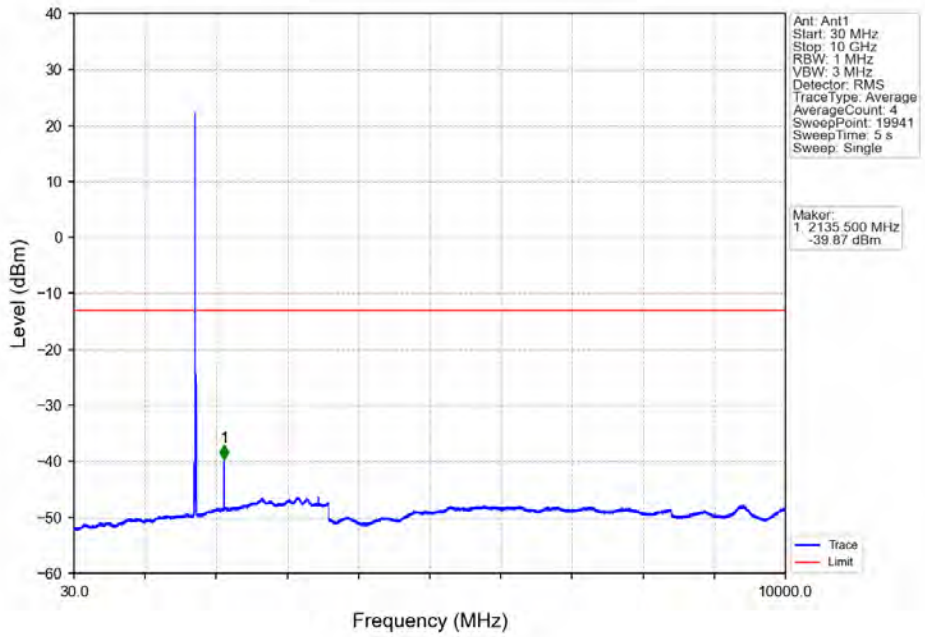


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

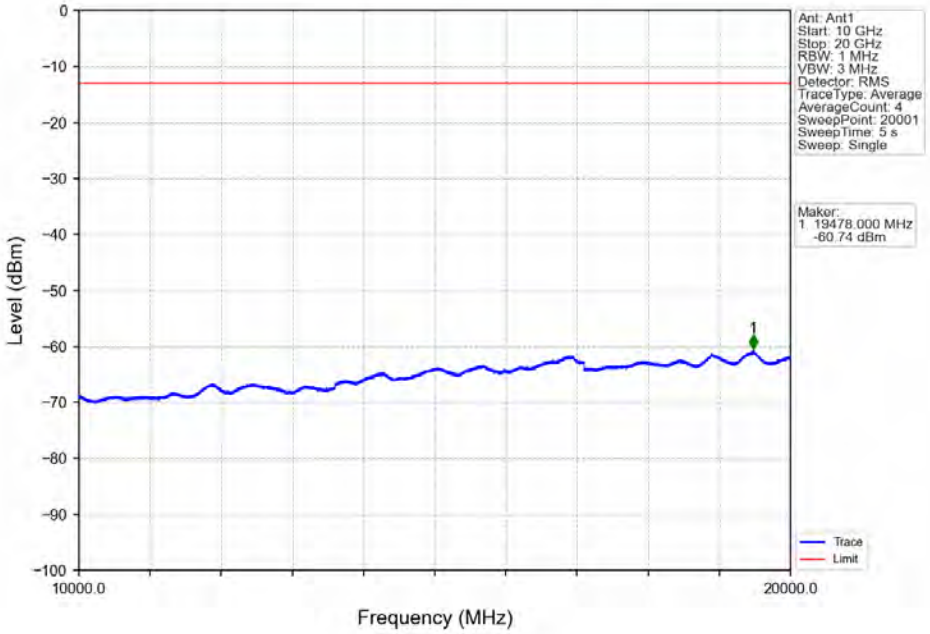


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.496	-26.74	-13	Pass
1709	1710	0.1	/	2	1709.998	-30.76	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

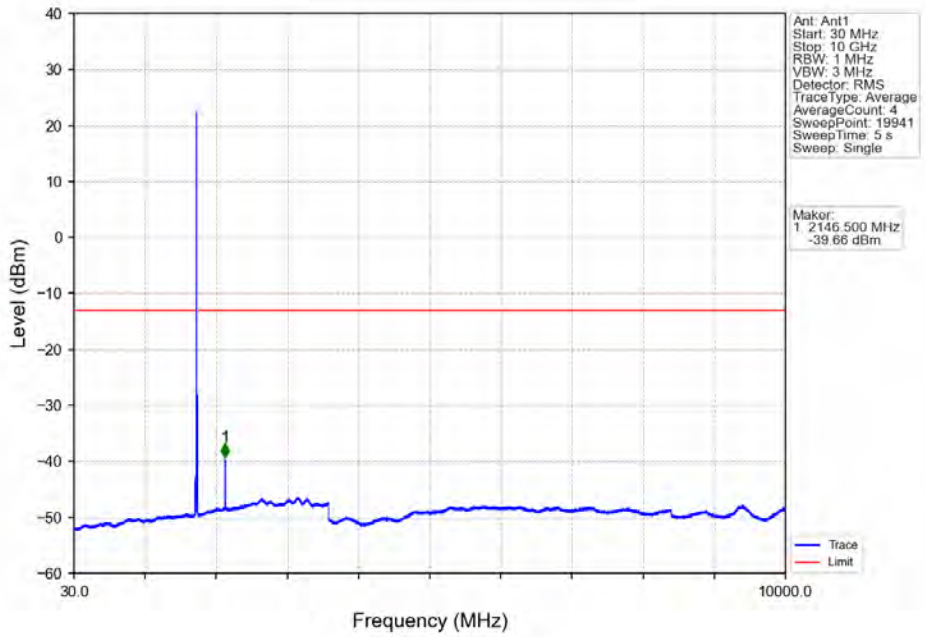
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



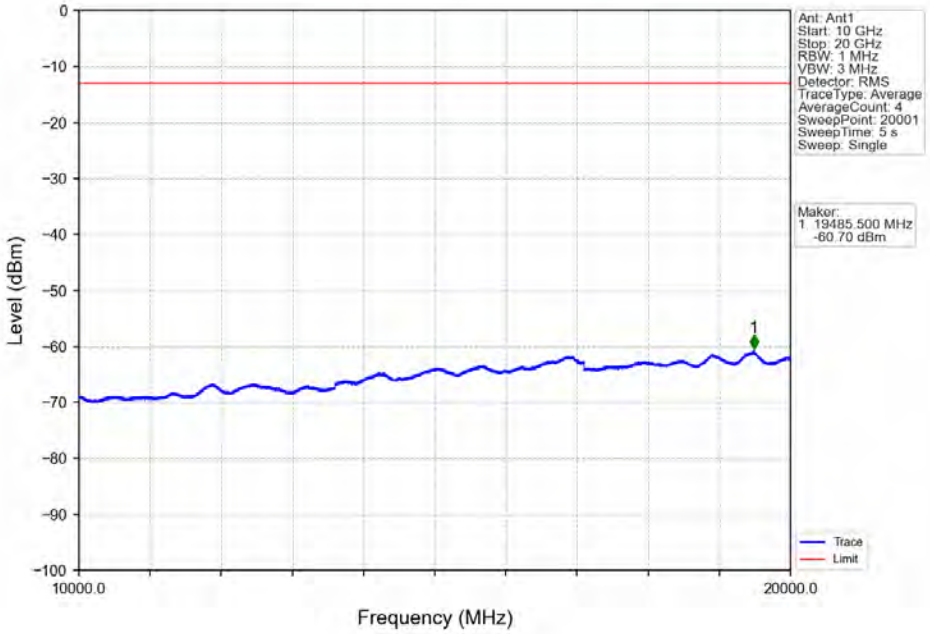
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



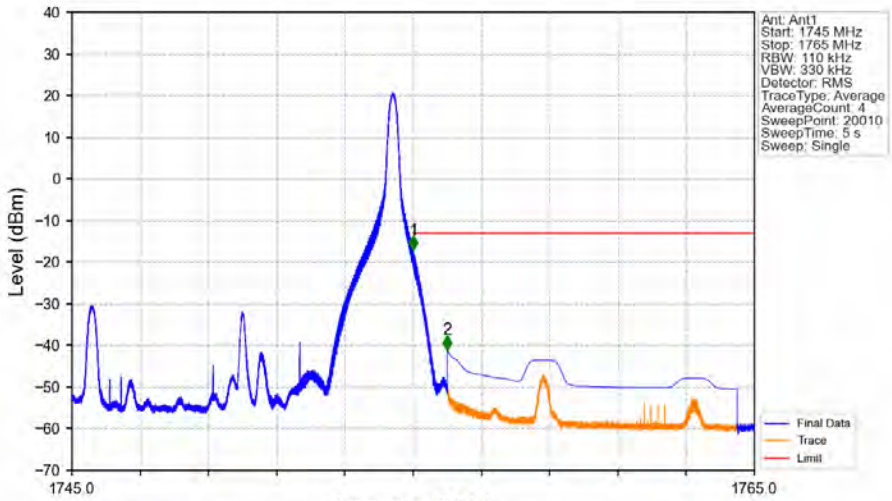
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

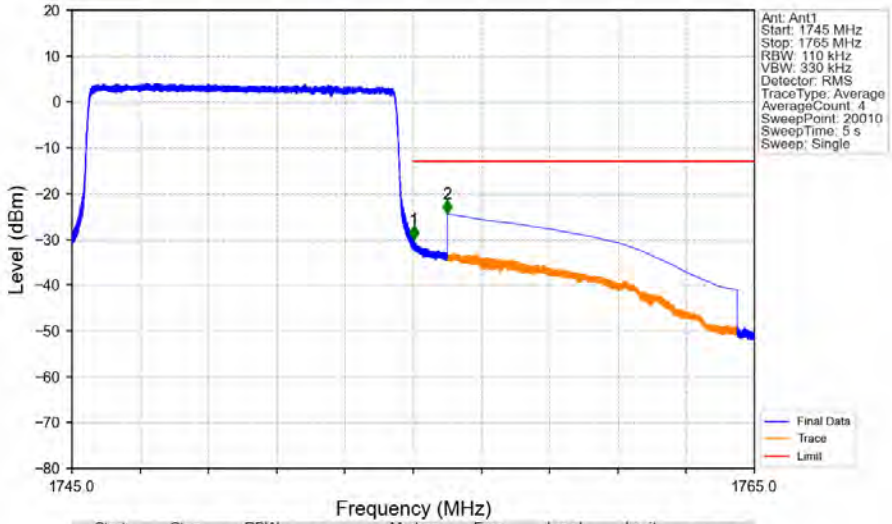


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.006	-17.09	-13	Pass
1756	1765	1	CHP	2	1756.000	-41.00	-13	Pass

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.024	-30.05	-13	Pass
1756	1765	1	CHP	2	1756.000	-24.52	-13	Pass

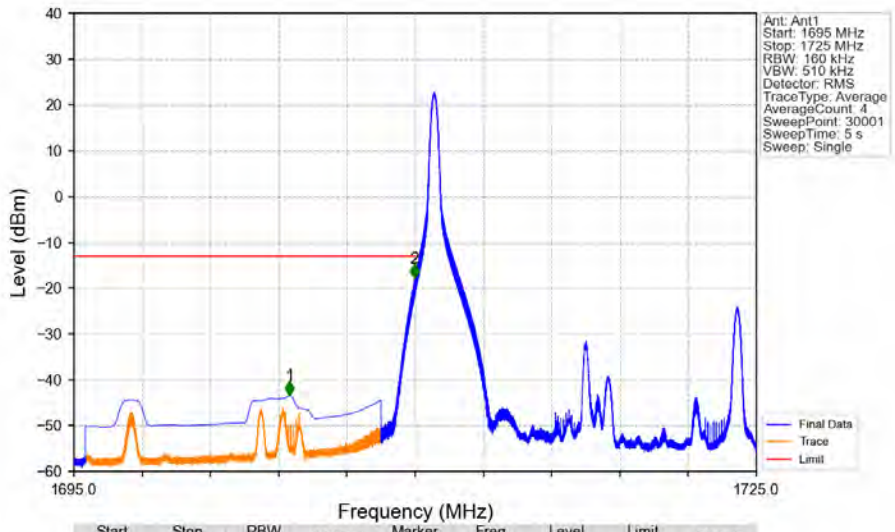
6.5 B4_15MHz

6.5.1 Test Result

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

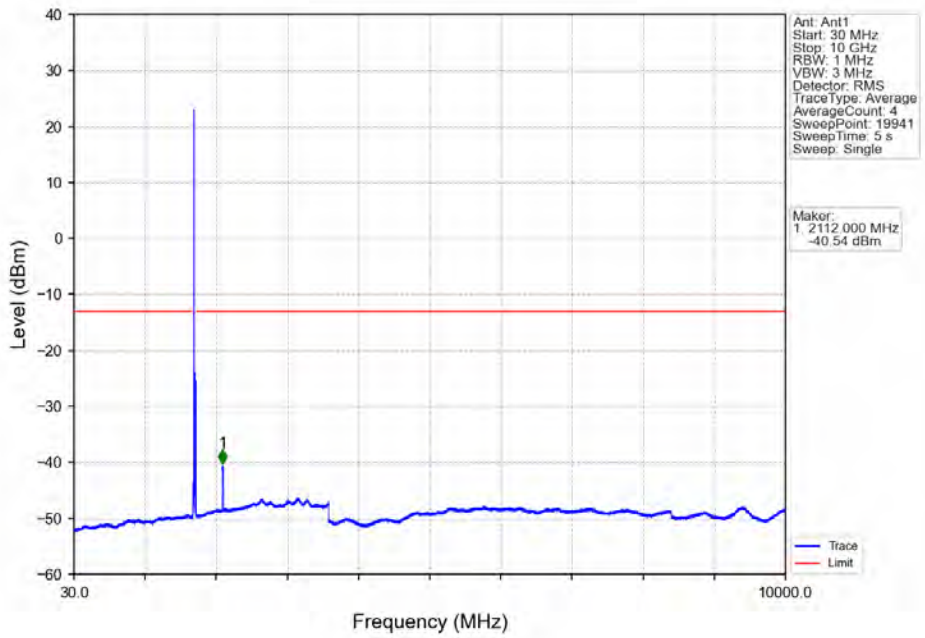
6.5.2 Test Graph

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

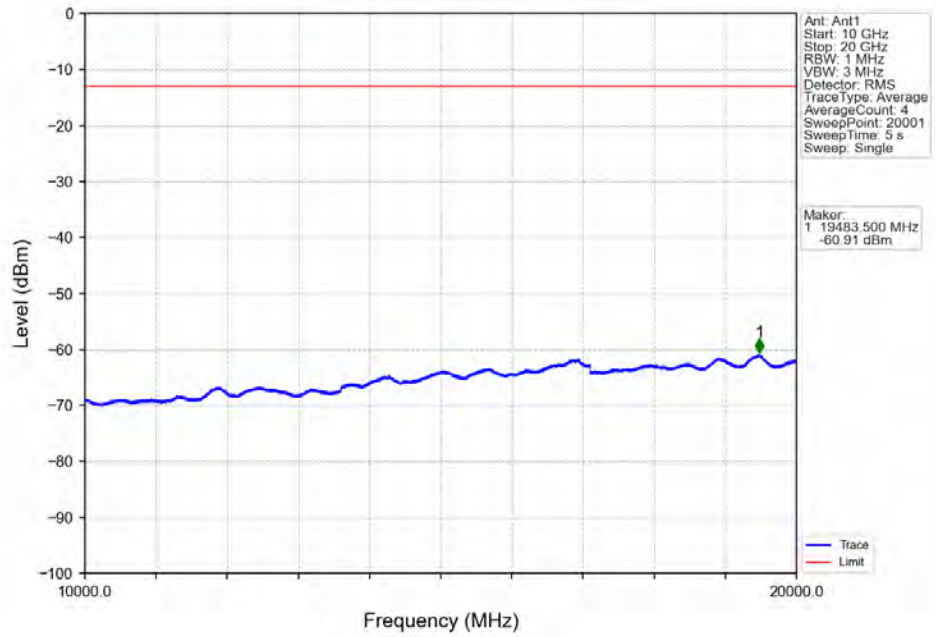


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.483	-43.49	-13	Pass
1709	1710	0.16	/	2	1709.980	-17.91	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

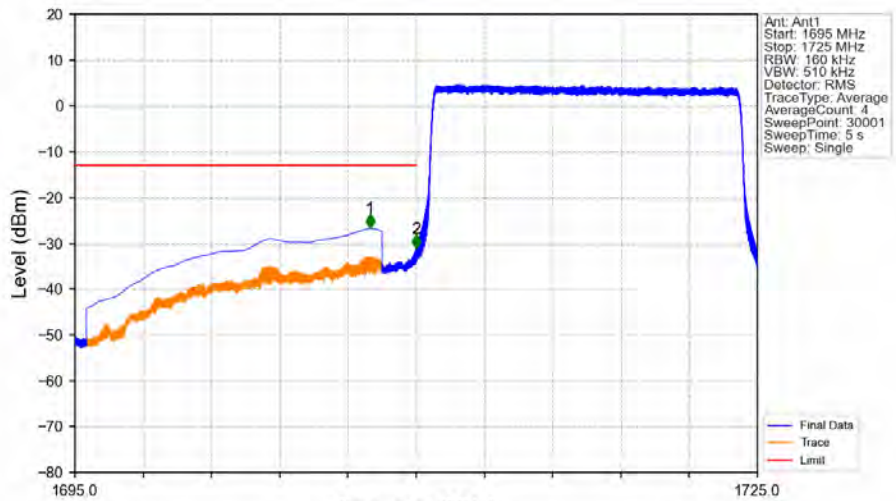
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

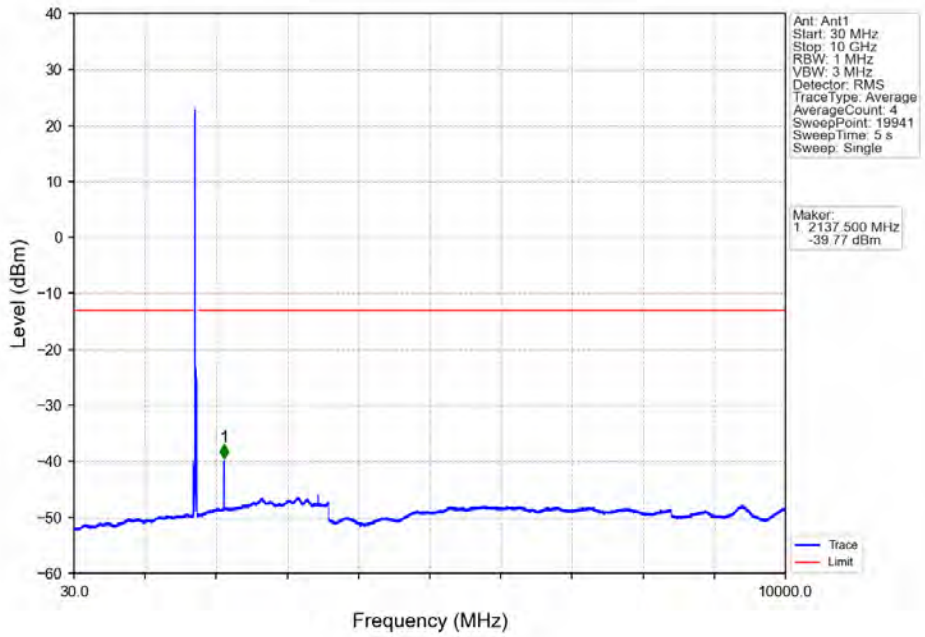


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

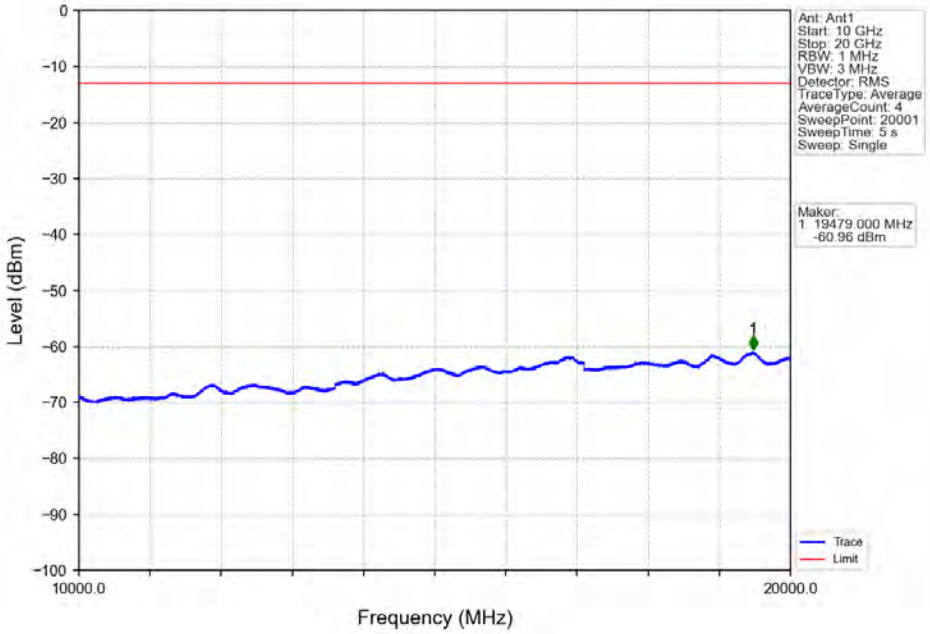


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.965	-26.77	-13	Pass
1709	1710	0.16	/	2	1709.998	-31.18	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

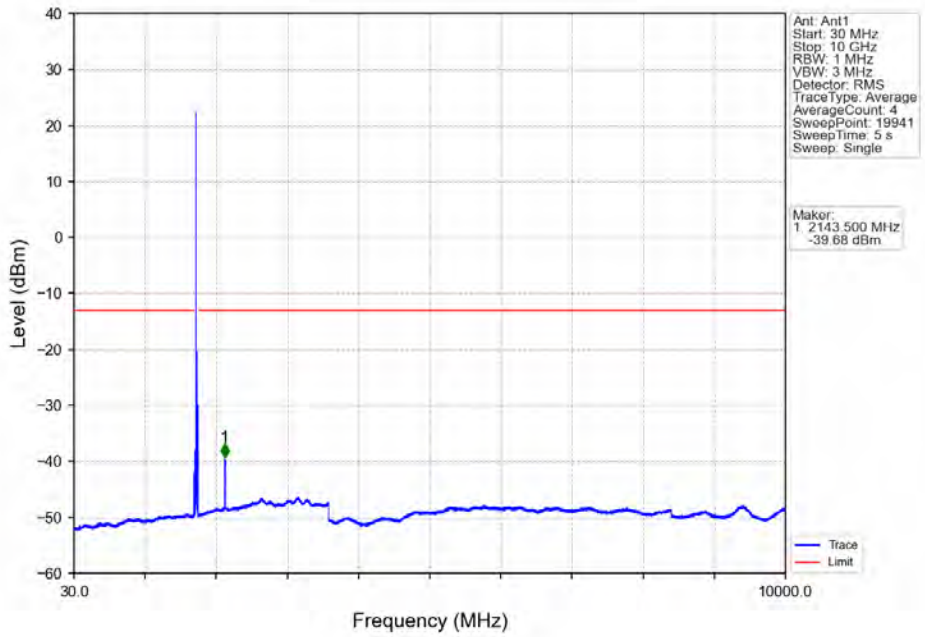
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



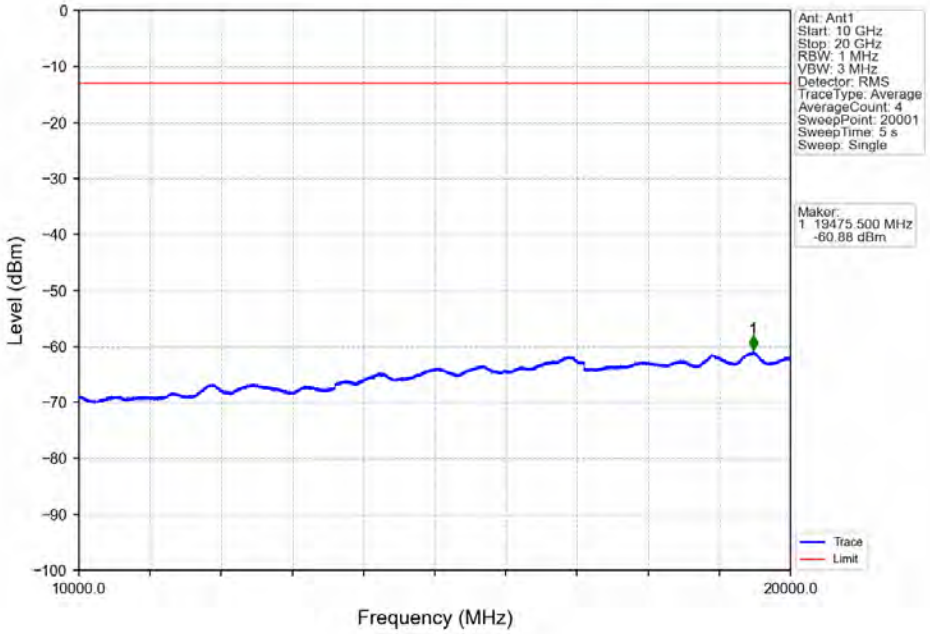
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



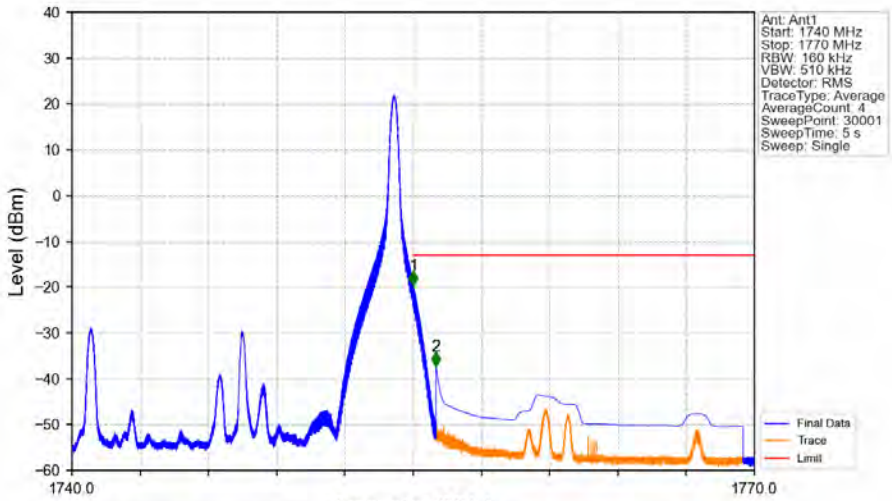
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

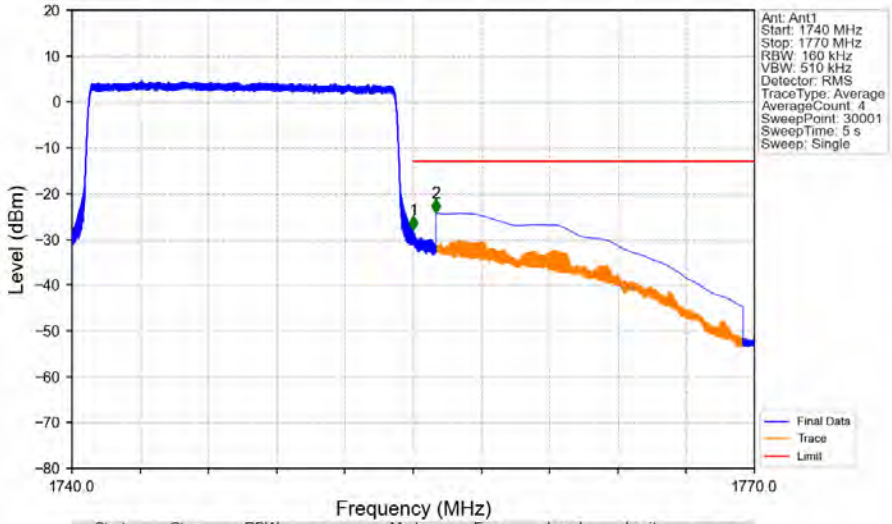


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



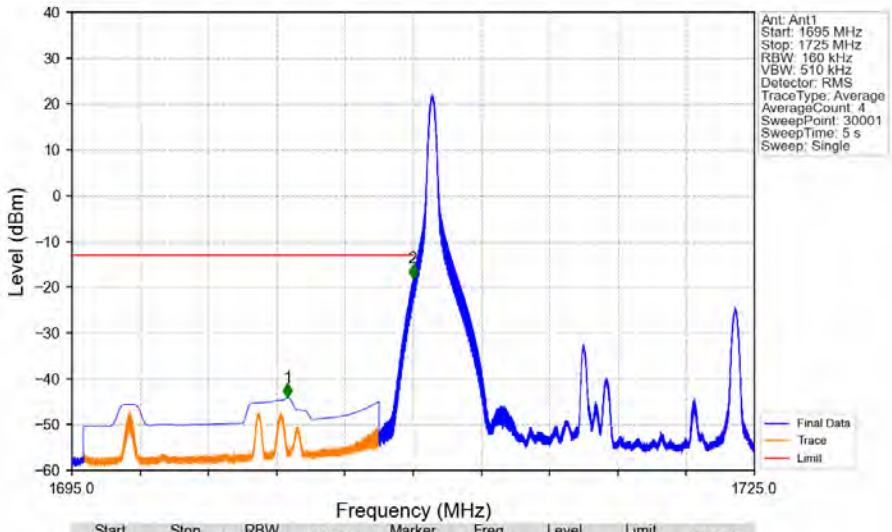
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.007	-19.57	-13	Pass
1756	1770	1	CHP	2	1756.001	-37.29	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



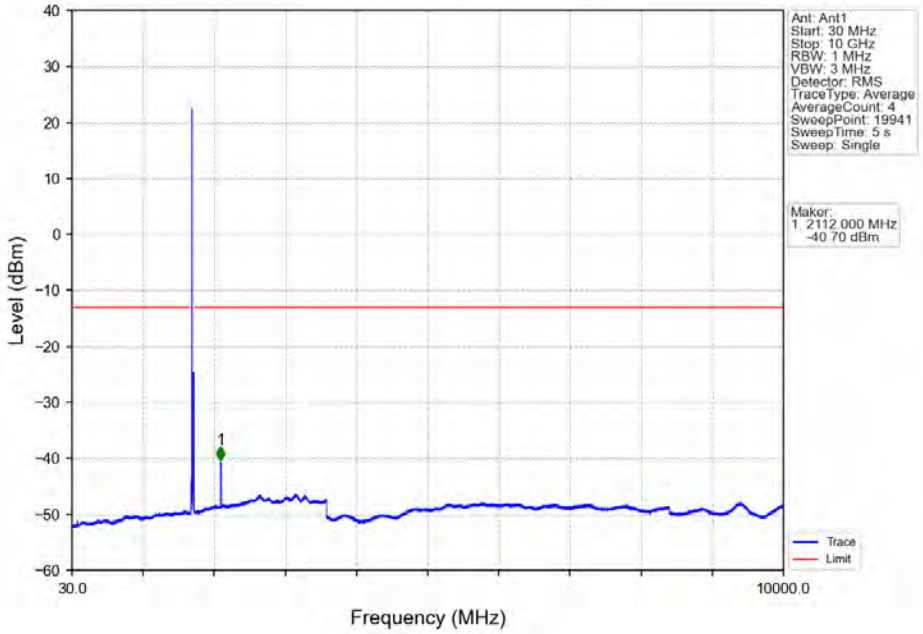
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.007	-27.99	-13	Pass
1756	1770	1	CHP	2	1756.001	-24.26	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

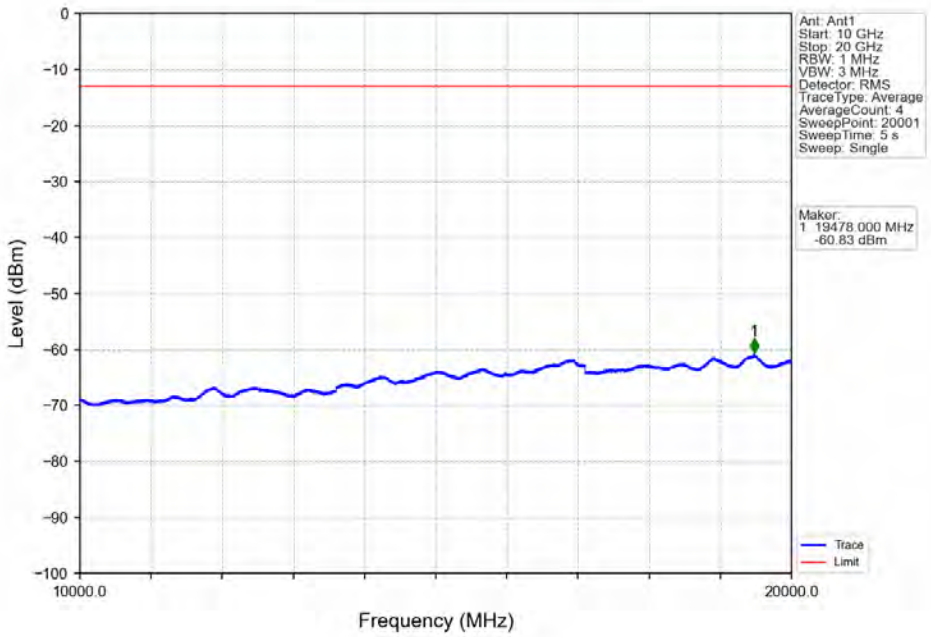


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.477	-44.13	-13	Pass
1709	1710	0.16	/	2	1709.987	-18.11	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

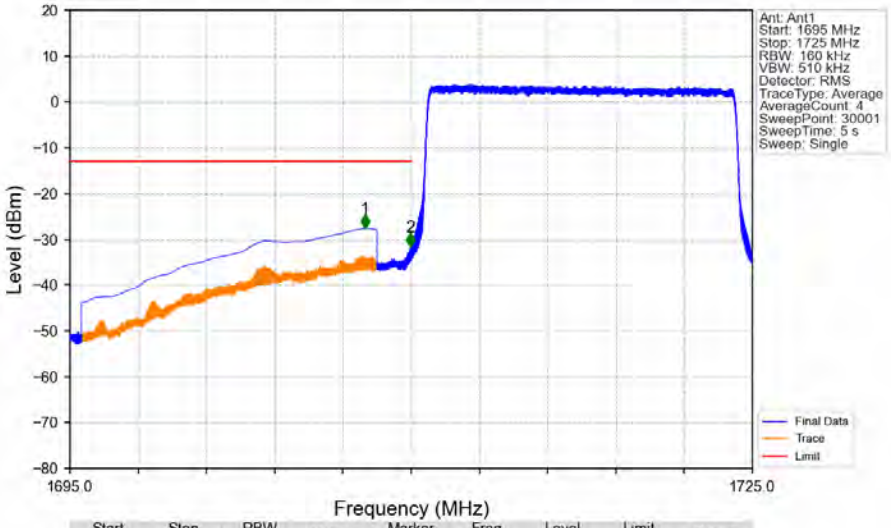
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

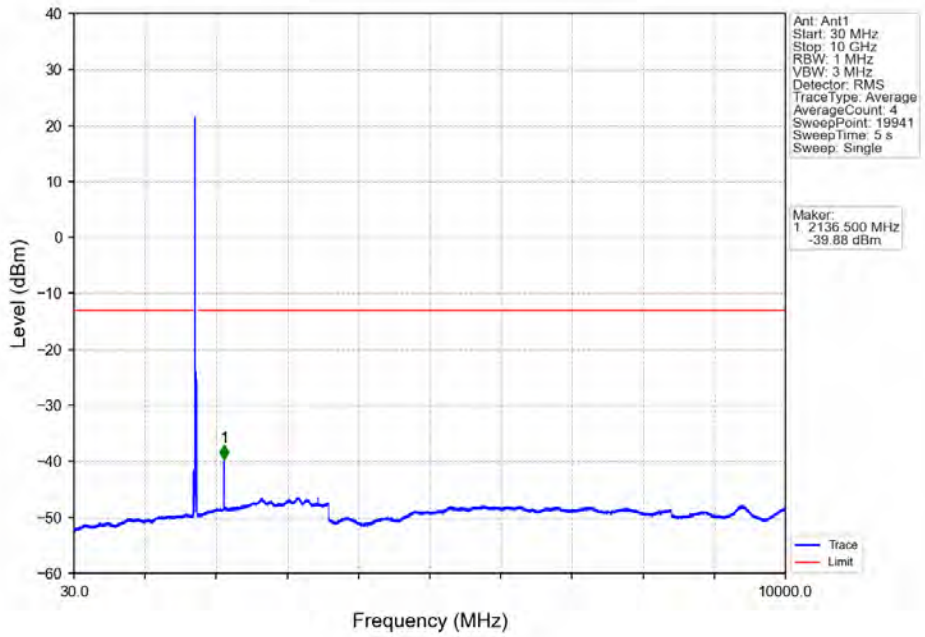


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

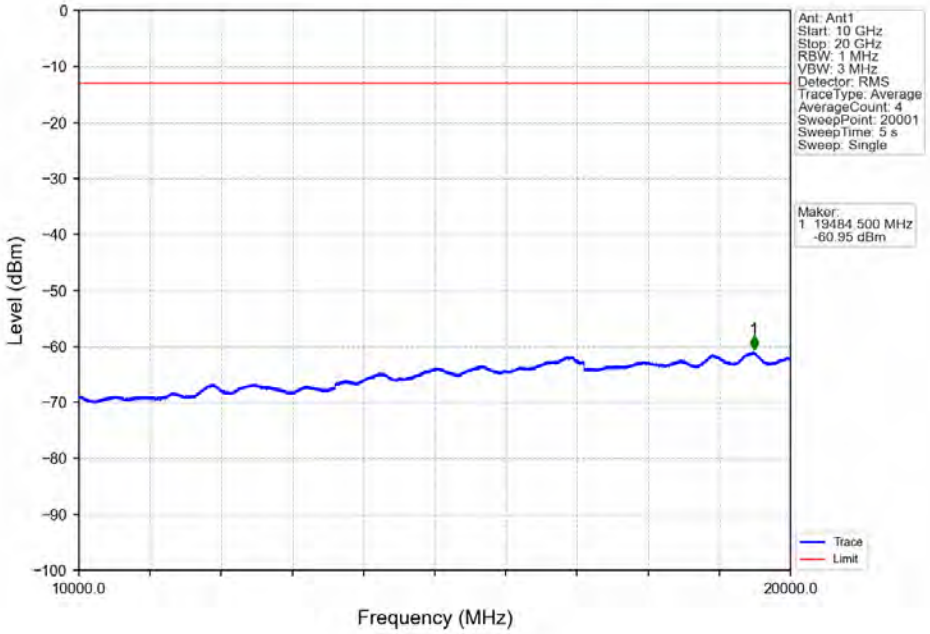


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.968	-27.63	-13	Pass
1709	1710	0.16	/	2	1709.972	-31.75	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

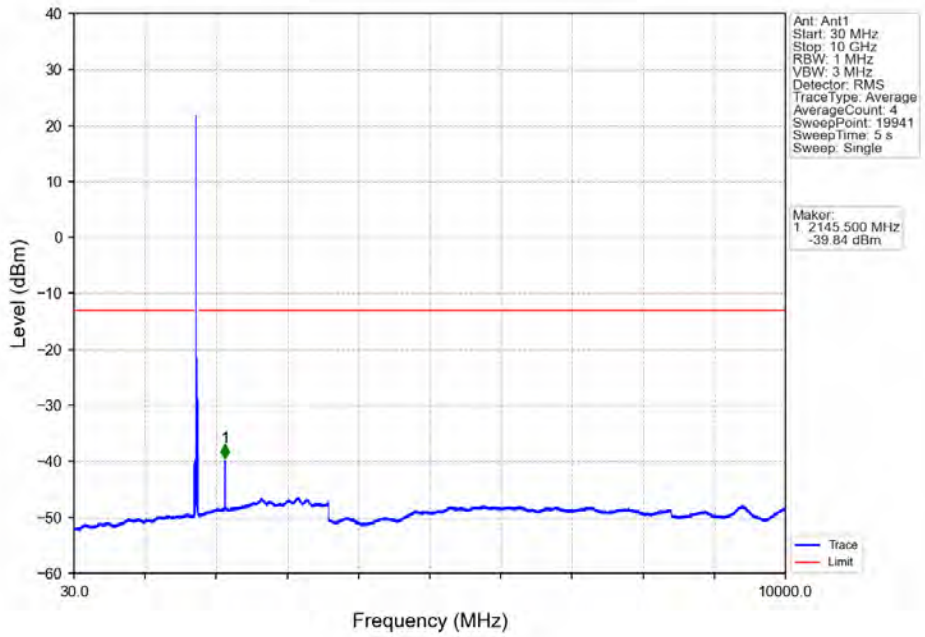
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



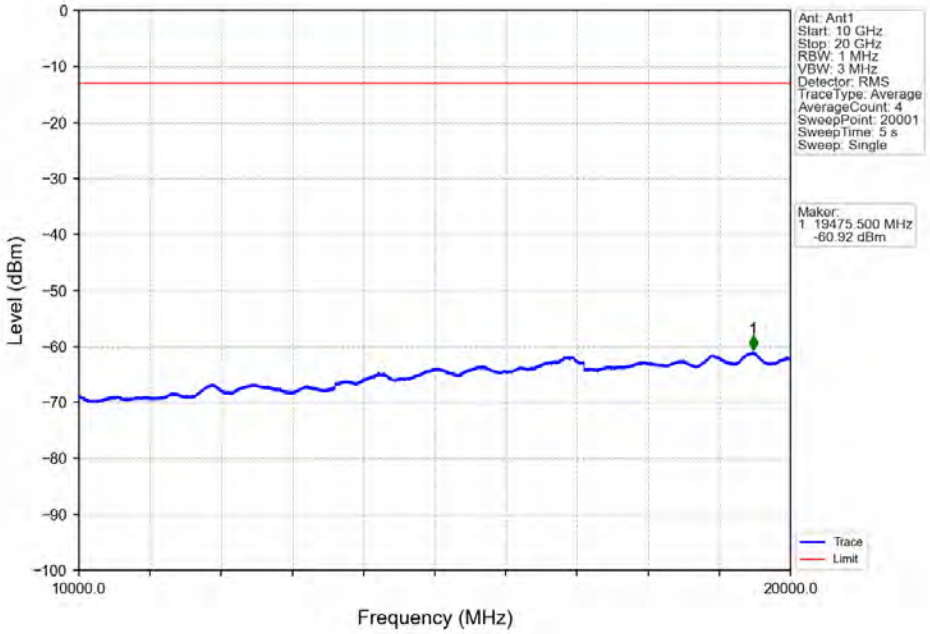
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



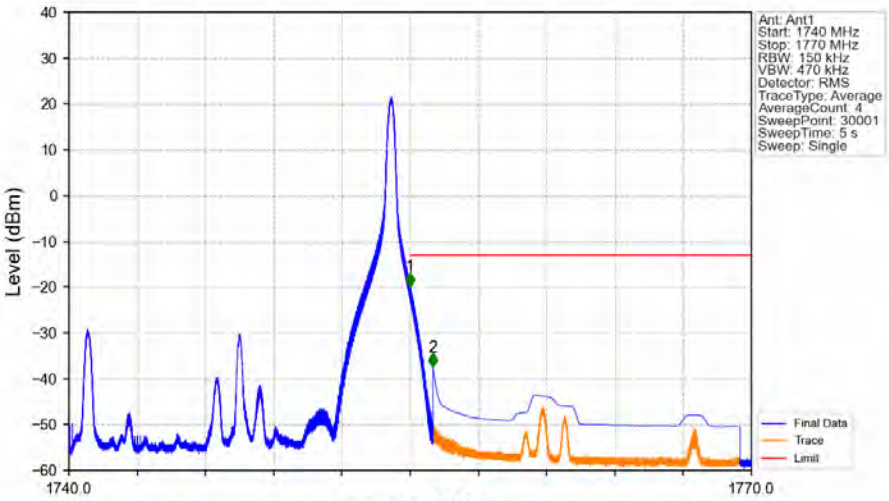
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

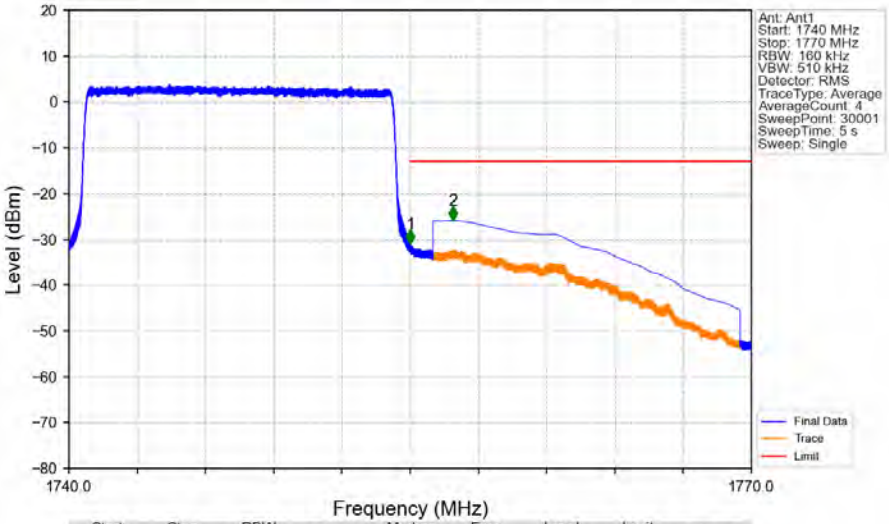


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.000	-19.87	-13	Pass
1756	1770	1	CHP	2	1756.001	-37.46	-13	Pass

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.013	-31.03	-13	Pass
1756	1770	1	CHP	2	1756.879	-25.91	-13	Pass

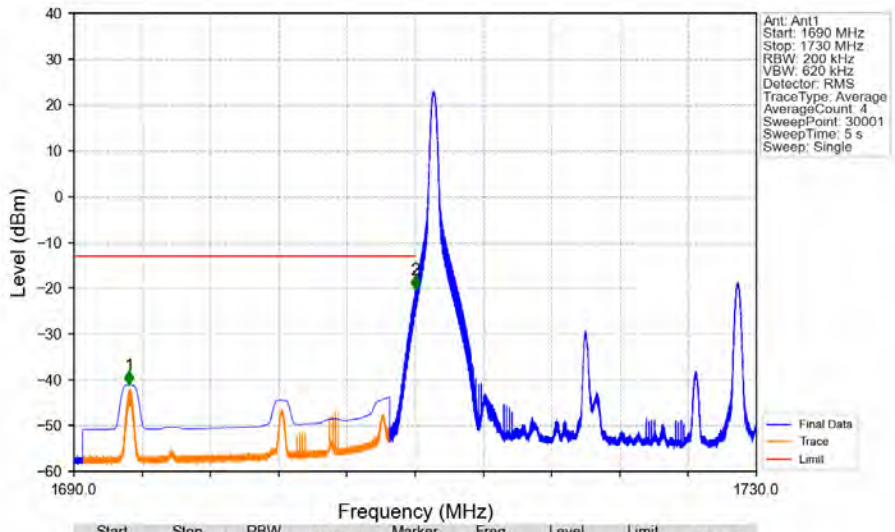
6.6 B4_20MHz

6.6.1 Test Result

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

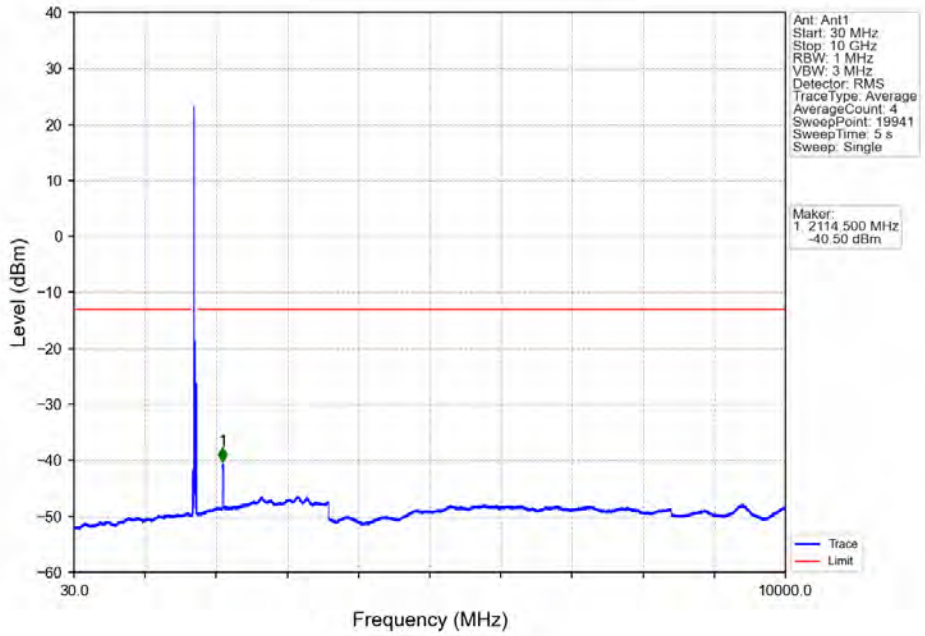
6.6.2 Test Graph

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

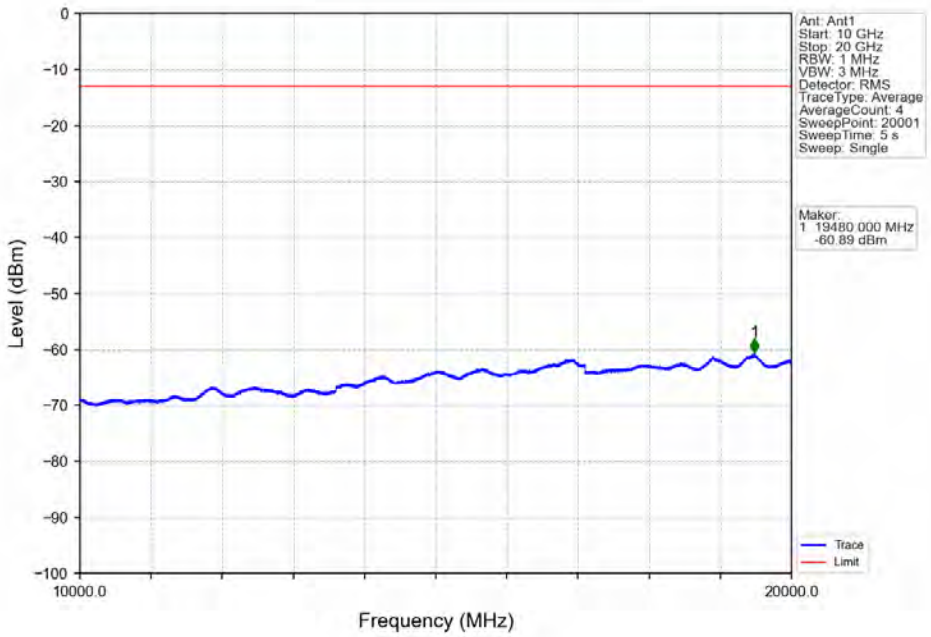


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.227	-41.10	-13	Pass
1709	1710	0.2	/	2	1709.997	-20.32	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

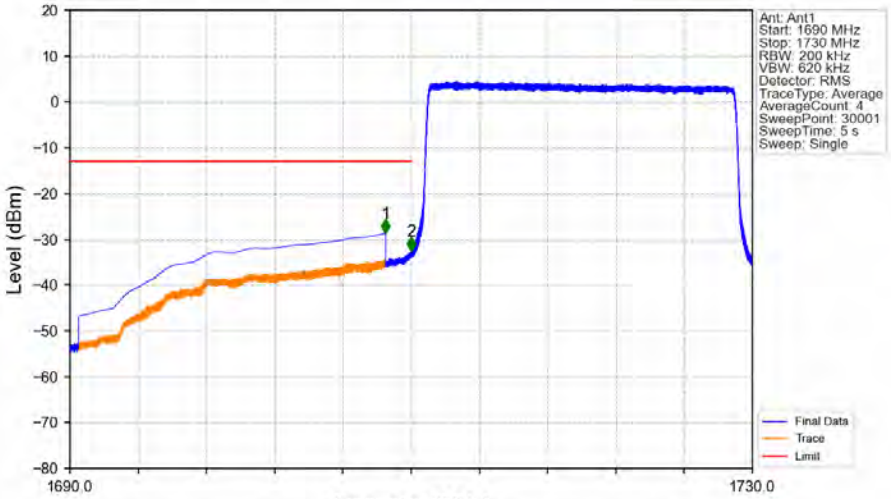
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

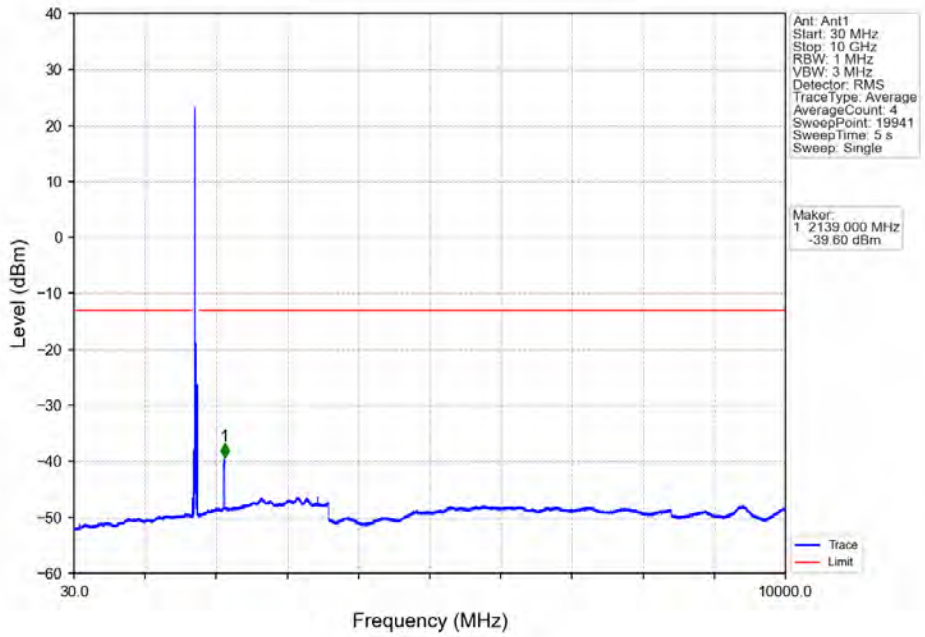


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

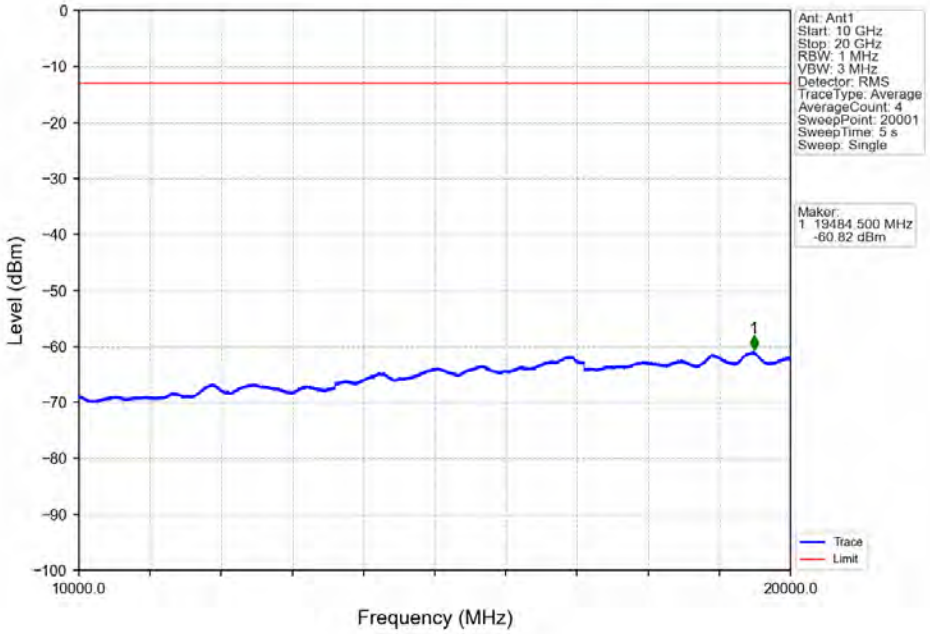


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.495	-28.71	-13	Pass
1709	1710	0.2	/	2	1709.985	-32.50	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

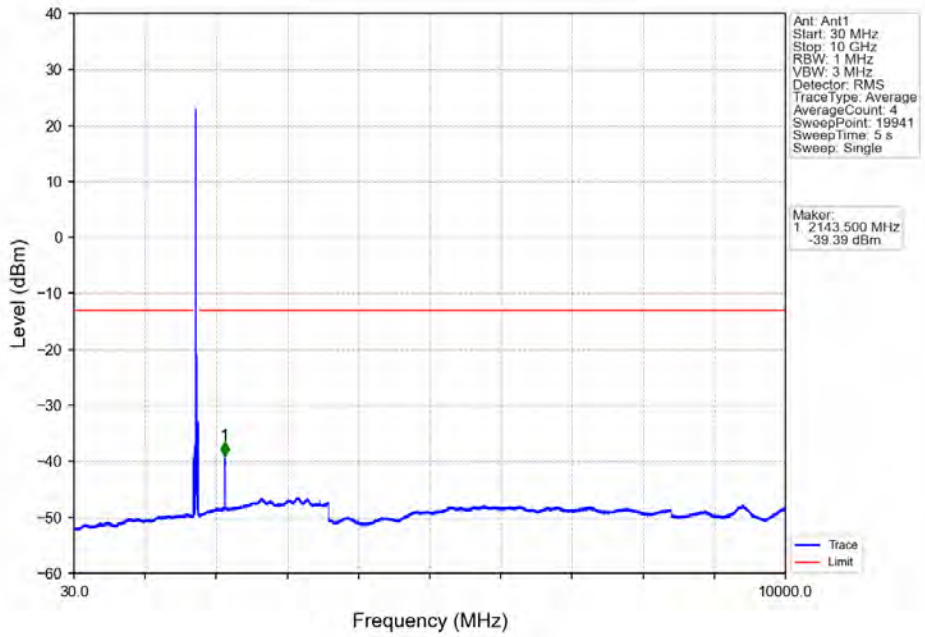
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



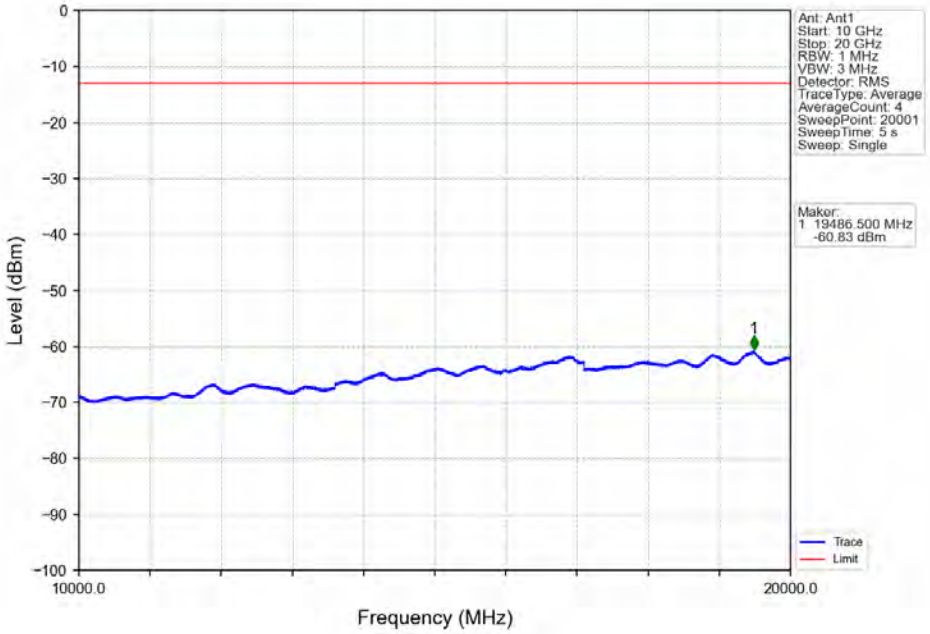
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



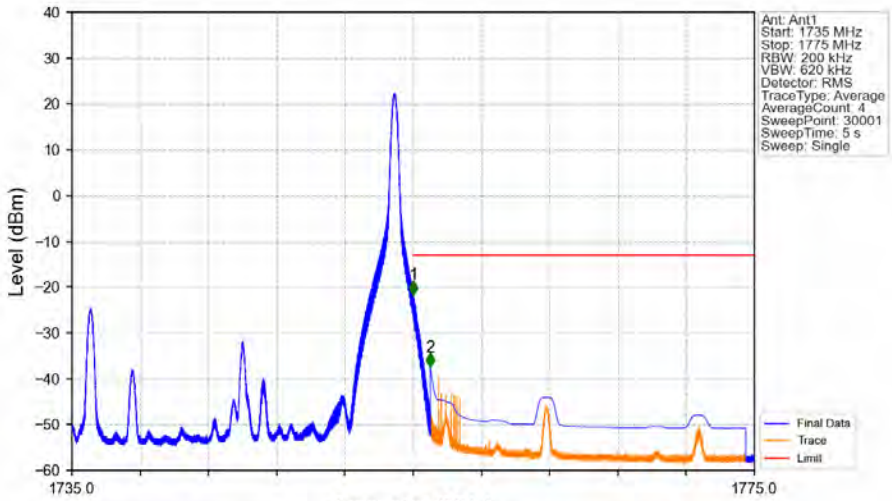
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

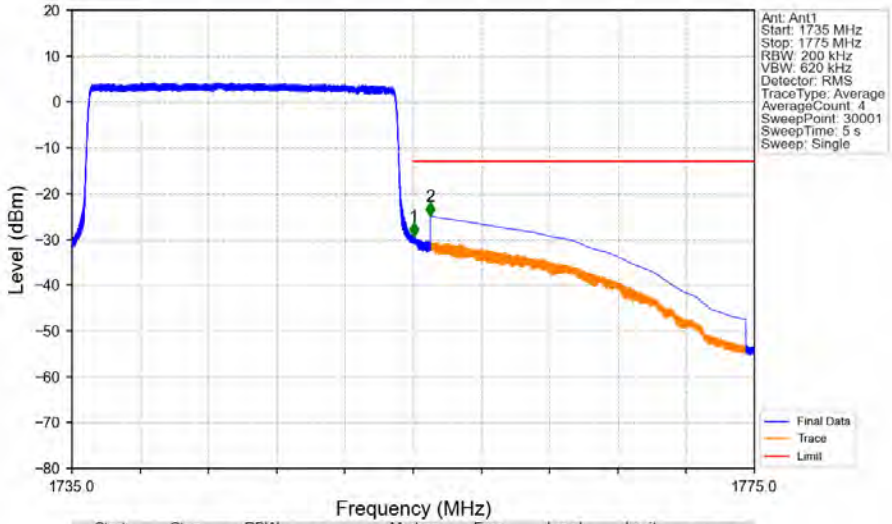


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



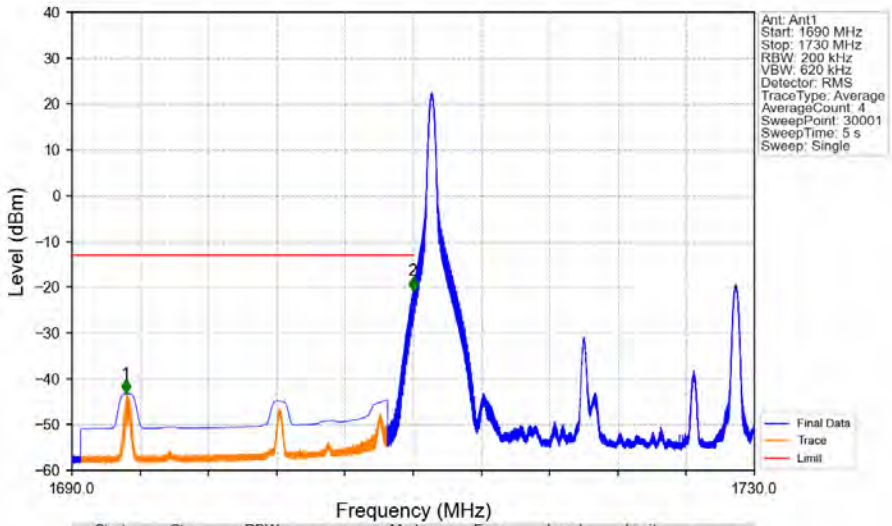
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.017	-21.67	-13	Pass
1756	1775	1	CHP	2	1756.001	-37.42	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



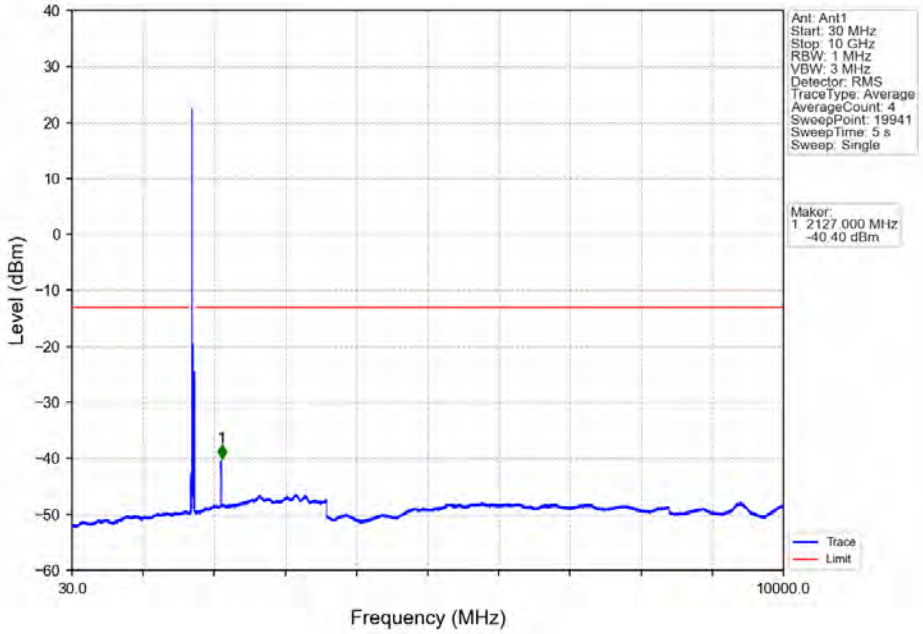
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.028	-29.40	-13	Pass
1756	1775	1	CHP	2	1756.001	-24.96	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

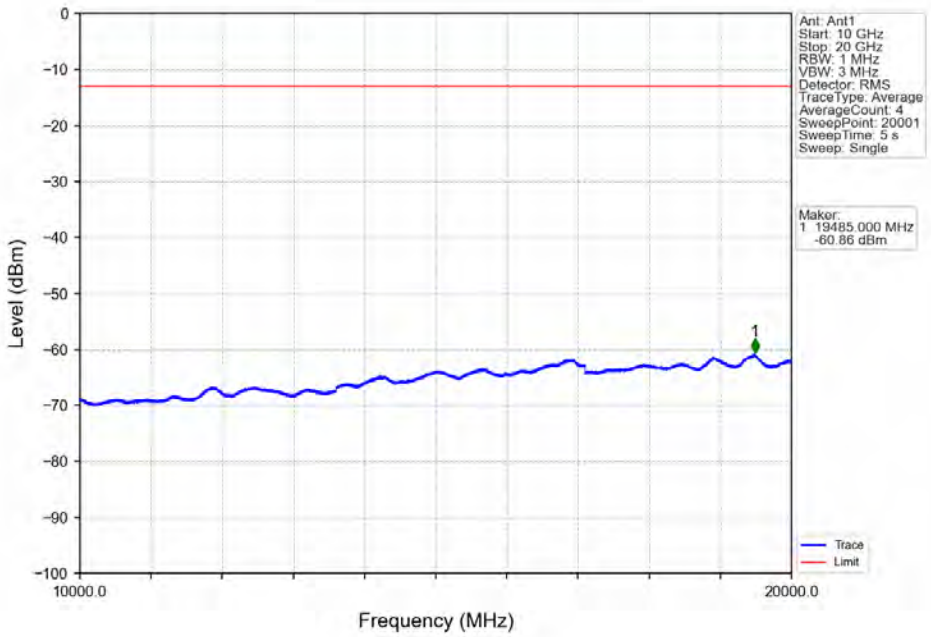


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.171	-43.29	-13	Pass
1709	1710	0.2	/	2	1709.981	-20.77	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

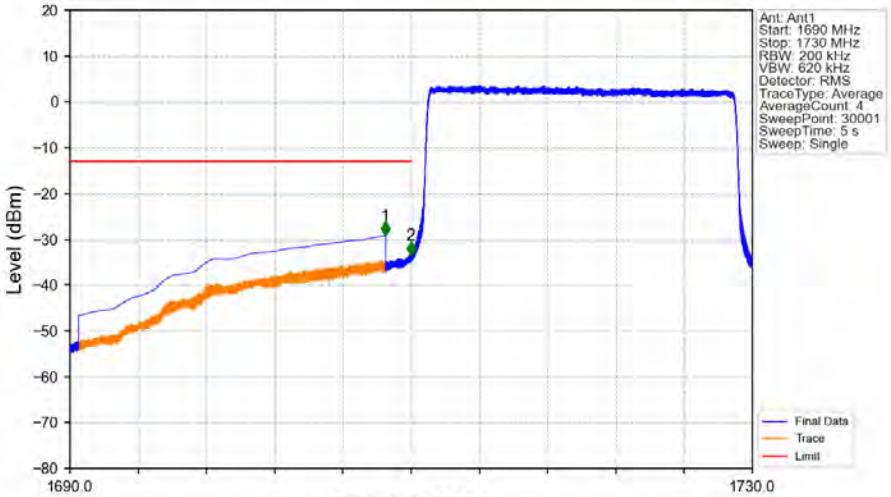
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

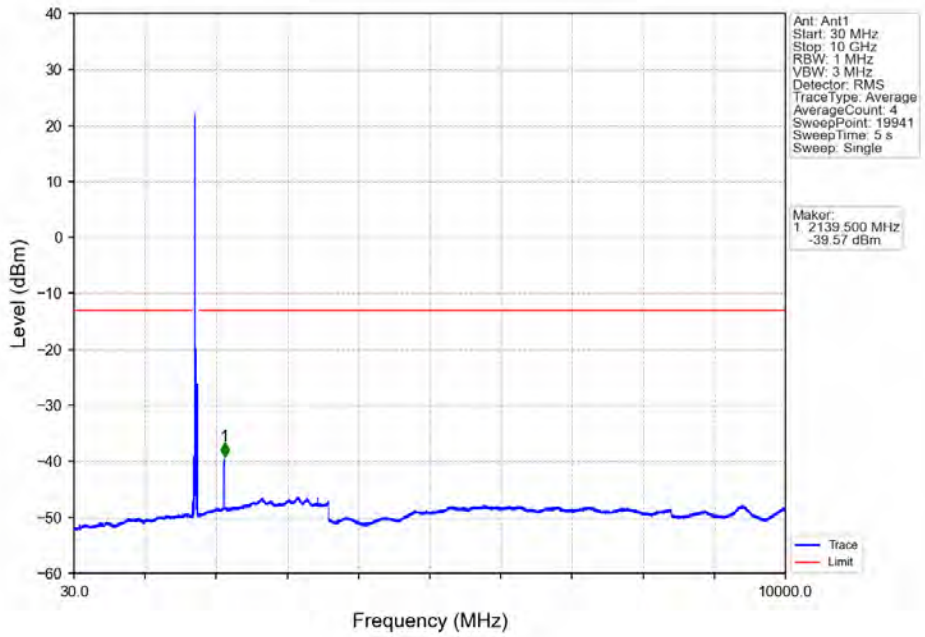


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

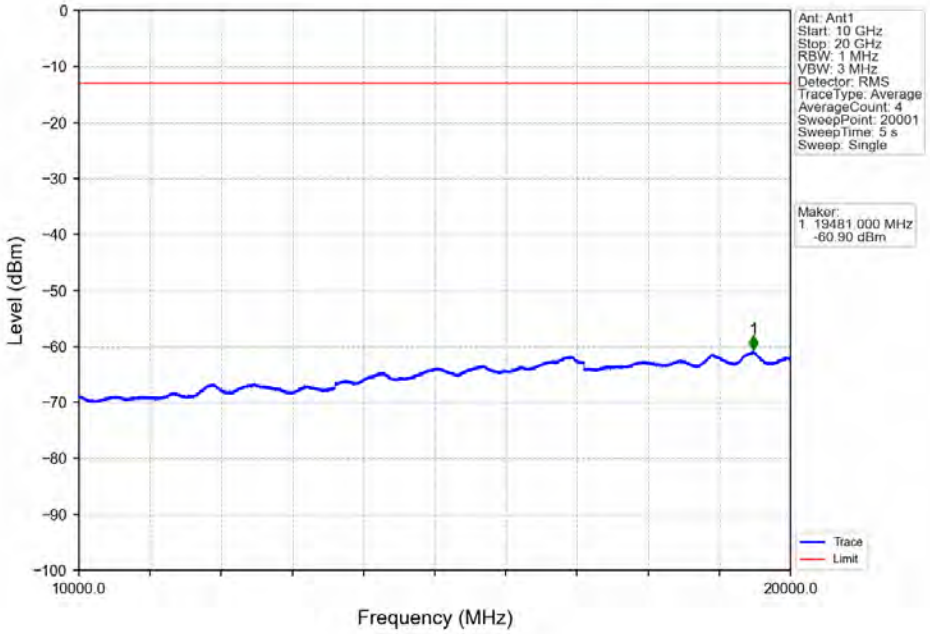


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.483	-29.18	-13	Pass
1709	1710	0.2	/	2	1709.980	-33.52	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

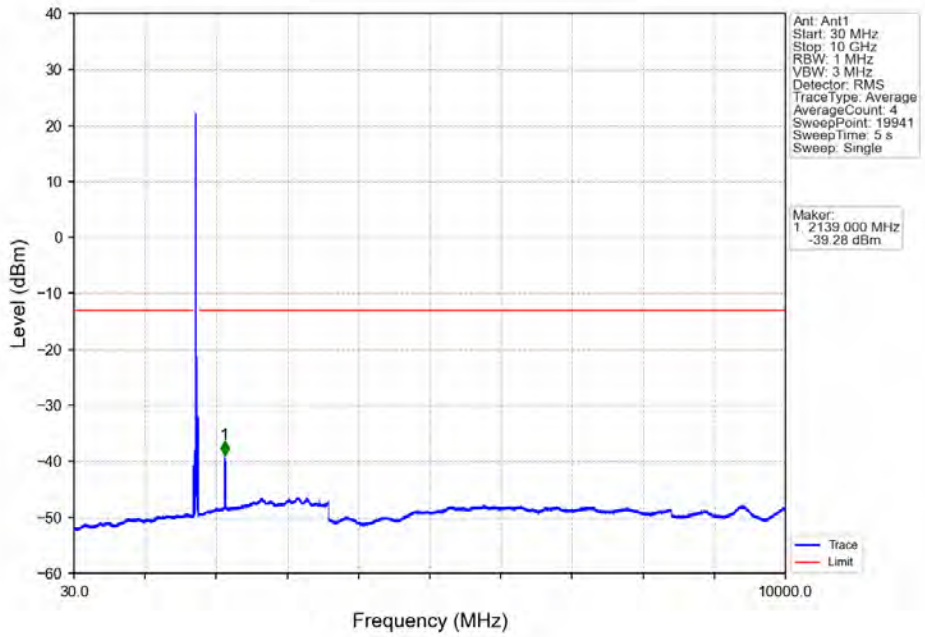
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



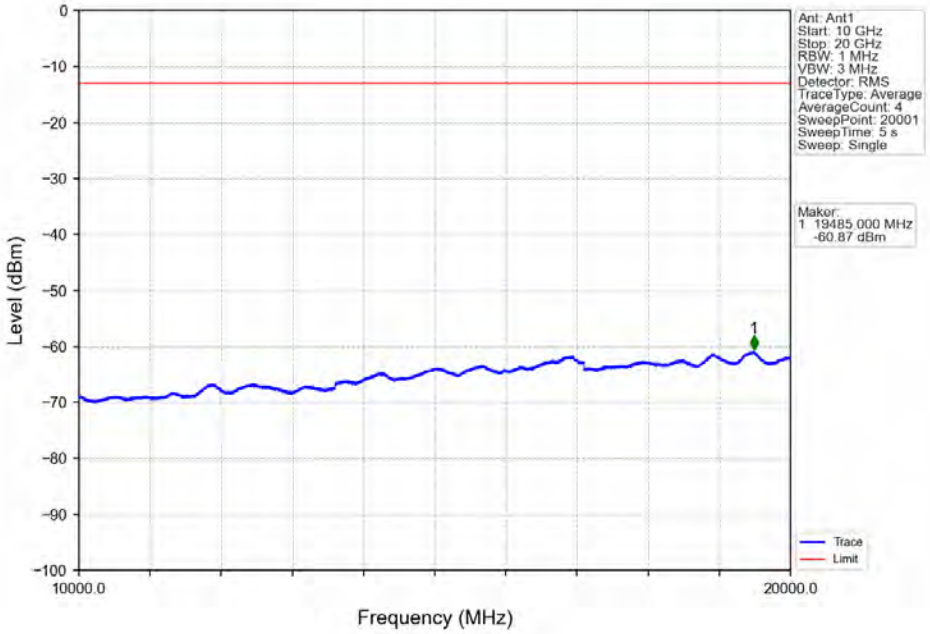
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



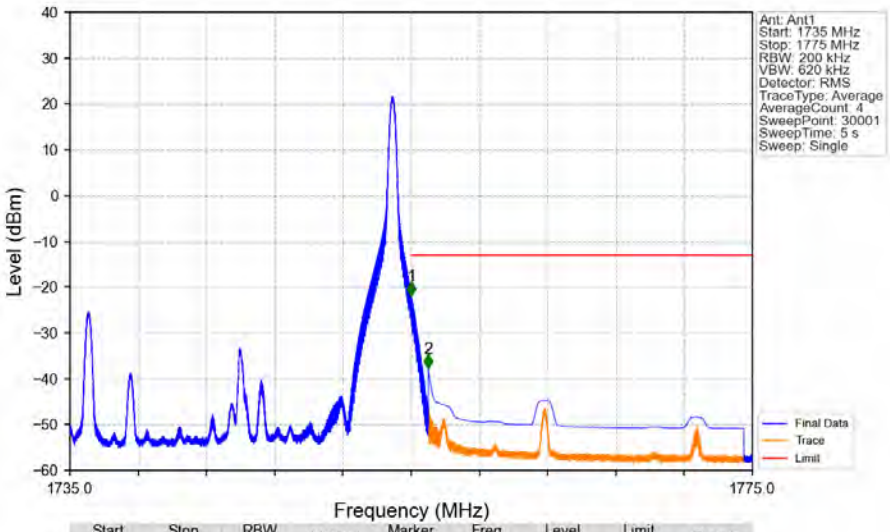
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

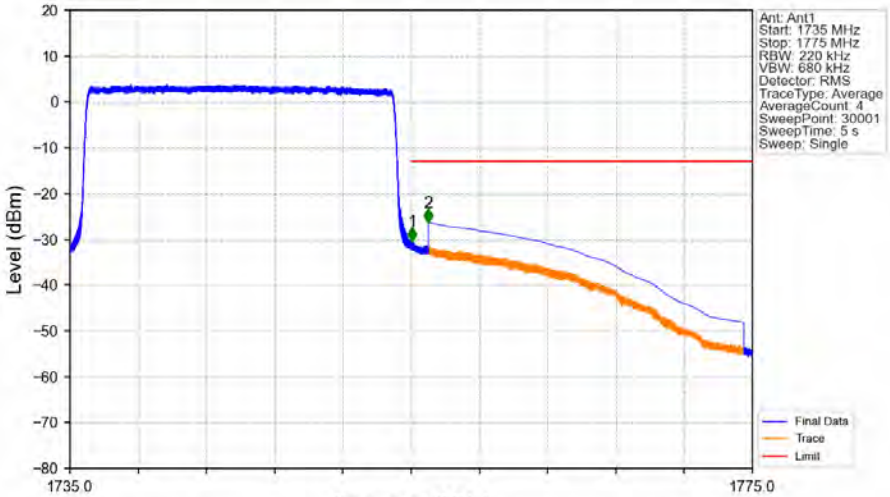


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.023	-21.91	-13	Pass
1756	1775	1	CHP	2	1756.001	-37.84	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.068	-30.39	-13	Pass
1756	1775	1	CHP	2	1756.001	-26.35	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1400	0.0057	ppm	1M12G7D	27L	21.46
4	1.4	1710.7	1754.3	0.1161	0.0249	ppm	1M12W7D	27L	20.65
4	3	1711.5	1753.5	0.1374	0.0065	ppm	2M74G7D	27L	21.38
4	3	1711.5	1753.5	0.1211	0.0060	ppm	2M76W7D	27L	20.83
4	5	1712.5	1752.5	0.1396	0.0045	ppm	4M58G7D	27L	21.45
4	5	1712.5	1752.5	0.1127	0.0067	ppm	4M59W7D	27L	20.52
4	10	1715	1750	0.1413	0.0027	ppm	9M08G7D	27L	21.50
4	10	1715	1750	0.1213	0.0033	ppm	9M06W7D	27L	20.84
4	15	1717.5	1747.5	0.1416	0.0066	ppm	13M6G7D	27L	21.51
4	15	1717.5	1747.5	0.1259	0.0063	ppm	13M6W7D	27L	21.00
4	20	1720	1745	0.1426	0.0038	ppm	18M2G7D	27L	21.54
4	20	1720	1745	0.1236	0.0030	ppm	18M2W7D	27L	20.92

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1718	0.0057	ppm	1M12G7D	27L	22.35
4	1.4	1710.7	1754.3	0.1426	0.0249	ppm	1M12W7D	27L	21.54
4	3	1711.5	1753.5	0.1687	0.0065	ppm	2M74G7D	27L	22.27
4	3	1711.5	1753.5	0.1486	0.0060	ppm	2M76W7D	27L	21.72
4	5	1712.5	1752.5	0.1714	0.0045	ppm	4M58G7D	27L	22.34
4	5	1712.5	1752.5	0.1384	0.0067	ppm	4M59W7D	27L	21.41
4	10	1715	1750	0.1734	0.0027	ppm	9M08G7D	27L	22.39
4	10	1715	1750	0.1489	0.0033	ppm	9M06W7D	27L	21.73
4	15	1717.5	1747.5	0.1738	0.0066	ppm	13M6G7D	27L	22.40
4	15	1717.5	1747.5	0.1545	0.0063	ppm	13M6W7D	27L	21.89
4	20	1720	1745	0.1750	0.0038	ppm	18M2G7D	27L	22.43
4	20	1720	1745	0.1517	0.0030	ppm	18M2W7D	27L	21.81