1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.49	1.09	22.58	<=30	Pass
			2	21.64	1.09	22.73	<=30	Pass
			5	21.51	1.09	22.60	<=30	Pass
		3	0	21.58	1.09	22.67	<=30	Pass
			2	21.62	1.09	22.71	<=30	Pass
			3	21.59	1.09	22.68	<=30	Pass
		6	0	20.58	1.09	21.67	<=30	Pass
	1732.5	1	0	21.51	1.09	22.60	<=30	Pass
			2	21.65	1.09	22.74	<=30	Pass
			5	21.54	1.09	22.63	<=30	Pass
		3	0	21.60	1.09	22.69	<=30	Pass
			2	21.66	1.09	22.75	<=30	Pass
			3	21.61	1.09	22.70	<=30	Pass
		6	0	20.67	1.09	21.76	<=30	Pass
	1754.3	1	0	21.62	1.09	22.71	<=30	Pass
			2	21.71	1.09	22.80	<=30	Pass
			5	21.62	1.09	22.71	<=30	Pass
		3	0	21.74	1.09	22.83	<=30	Pass
			2	21.76	1.09	22.85	<=30	Pass
			3	21.71	1.09	22.80	<=30	Pass
		6	0	20.70	1.09	21.79	<=30	Pass
16QAM	1710.7	1	0	20.51	1.09	21.60	<=30	Pass
			2	20.62	1.09	21.71	<=30	Pass
			5	20.60	1.09	21.69	<=30	Pass
		3	0	20.65	1.09	21.74	<=30	Pass
			2	20.68	1.09	21.77	<=30	Pass
			3	20.63	1.09	21.72	<=30	Pass
		6	0	19.54	1.09	20.63	<=30	Pass
	1732.5	1	0	20.68	1.09	21.77	<=30	Pass
			2	20.80	1.09	21.89	<=30	Pass
			5	20.68	1.09	21.77	<=30	Pass
		3	0	20.55	1.09	21.64	<=30	Pass
			2	20.59	1.09	21.68	<=30	Pass
			3	20.58	1.09	21.67	<=30	Pass
		6	0	19.60	1.09	20.69	<=30	Pass
	1754.3	1	0	20.62	1.09	21.71	<=30	Pass
			2	20.74	1.09	21.83	<=30	Pass
			5	20.63	1.09	21.72	<=30	Pass
		3	0	20.88	1.09	21.97	<=30	Pass
			2	20.91	1.09	22.00	<=30	Pass
			3	20.88	1.09	21.97	<=30	Pass
		6	0	19.70	1.09	20.79	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.58	1.09	22.67	<=30	Pass
			7	21.75	1.09	22.84	<=30	Pass
			14	21.56	1.09	22.65	<=30	Pass
		8	0	20.61	1.09	21.70	<=30	Pass
			4	20.59	1.09	21.68	<=30	Pass
			7	20.57	1.09	21.66	<=30	Pass
		15	0	20.54	1.09	21.63	<=30	Pass
	1732.5	1	0	21.60	1.09	22.69	<=30	Pass
			7	21.77	1.09	22.86	<=30	Pass
			14	21.56	1.09	22.65	<=30	Pass
		8	0	20.64	1.09	21.73	<=30	Pass
			4	20.67	1.09	21.76	<=30	Pass
			7	20.63	1.09	21.72	<=30	Pass
		15	0	20.63	1.09	21.72	<=30	Pass
	1753.5	1	0	21.67	1.09	22.76	<=30	Pass
			7	21.82	1.09	22.91	<=30	Pass
			14	21.67	1.09	22.76	<=30	Pass
		8	0	20.69	1.09	21.78	<=30	Pass
			4	20.73	1.09	21.82	<=30	Pass
			7	20.69	1.09	21.78	<=30	Pass
		15	0	20.67	1.09	21.76	<=30	Pass
16QAM	1711.5	1	0	20.64	1.09	21.73	<=30	Pass
			7	20.75	1.09	21.84	<=30	Pass
			14	20.56	1.09	21.65	<=30	Pass
		8	0	19.64	1.09	20.73	<=30	Pass
			4	19.70	1.09	20.79	<=30	Pass
			7	19.64	1.09	20.73	<=30	Pass
		15	0	19.61	1.09	20.70	<=30	Pass
	1732.5	1	0	20.73	1.09	21.82	<=30	Pass
			7	20.90	1.09	21.99	<=30	Pass
			14	20.77	1.09	21.86	<=30	Pass
		8	0	19.60	1.09	20.69	<=30	Pass
			4	19.61	1.09	20.70	<=30	Pass
			7	19.58	1.09	20.67	<=30	Pass
		15	0	19.57	1.09	20.66	<=30	Pass
	1753.5	1	0	21.26	1.09	22.35	<=30	Pass
			7	21.36	1.09	22.45	<=30	Pass
			14	21.19	1.09	22.28	<=30	Pass
		8	0	19.83	1.09	20.92	<=30	Pass
			4	19.87	1.09	20.96	<=30	Pass
			7	19.84	1.09	20.93	<=30	Pass
		15	0	19.73	1.09	20.82	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.42	1.09	22.51	<=30	Pass
			13	21.55	1.09	22.64	<=30	Pass
			24	21.41	1.09	22.50	<=30	Pass
		12	0	20.42	1.09	21.51	<=30	Pass
			6	20.59	1.09	21.68	<=30	Pass
			13	20.49	1.09	21.58	<=30	Pass

		25	0	20.49	1.09	21.58	<=30	Pass
	1732.5	1	0	21.48	1.09	22.57	<=30	Pass
			13	21.61	1.09	22.70	<=30	Pass
			24	21.50	1.09	22.59	<=30	Pass
		12	0	20.55	1.09	21.64	<=30	Pass
			6	20.60	1.09	21.69	<=30	Pass
			13	20.55	1.09	21.64	<=30	Pass
		25	0	20.55	1.09	21.64	<=30	Pass
	1752.5	1	0	21.55	1.09	22.64	<=30	Pass
			13	21.71	1.09	22.80	<=30	Pass
			24	21.57	1.09	22.66	<=30	Pass
		12	0	20.58	1.09	21.67	<=30	Pass
			6	20.67	1.09	21.76	<=30	Pass
			13	20.57	1.09	21.66	<=30	Pass
		25	0	20.59	1.09	21.68	<=30	Pass
16QAM	1712.5	1	0	20.57	1.09	21.66	<=30	Pass
			13	20.63	1.09	21.72	<=30	Pass
			24	20.52	1.09	21.61	<=30	Pass
		12	0	19.41	1.09	20.50	<=30	Pass
			6	19.55	1.09	20.64	<=30	Pass
			13	19.50	1.09	20.59	<=30	Pass
		25	0	19.54	1.09	20.63	<=30	Pass
	1732.5	1	0	20.68	1.09	21.77	<=30	Pass
			13	20.85	1.09	21.94	<=30	Pass
			24	20.73	1.09	21.82	<=30	Pass
		12	0	19.56	1.09	20.65	<=30	Pass
			6	19.60	1.09	20.69	<=30	Pass
			13	19.56	1.09	20.65	<=30	Pass
		25	0	19.50	1.09	20.59	<=30	Pass
	1752.5	1	0	20.41	1.09	21.50	<=30	Pass
			13	20.54	1.09	21.63	<=30	Pass
			24	20.45	1.09	21.54	<=30	Pass
		12	0	19.54	1.09	20.63	<=30	Pass
			6	19.63	1.09	20.72	<=30	Pass
			13	19.57	1.09	20.66	<=30	Pass
		25	0	19.63	1.09	20.72	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.55	1.09	22.64	<=30	Pass
			25	21.71	1.09	22.80	<=30	Pass
			49	21.55	1.09	22.64	<=30	Pass
		25	0	20.45	1.09	21.54	<=30	Pass
			13	20.55	1.09	21.64	<=30	Pass
			25	20.58	1.09	21.67	<=30	Pass
		50	0	20.51	1.09	21.60	<=30	Pass
	1732.5	1	0	21.51	1.09	22.60	<=30	Pass
			25	21.75	1.09	22.84	<=30	Pass
			49	21.56	1.09	22.65	<=30	Pass
		25	0	20.64	1.09	21.73	<=30	Pass
			13	20.60	1.09	21.69	<=30	Pass
			25	20.58	1.09	21.67	<=30	Pass
		50	0	20.60	1.09	21.69	<=30	Pass

	1750	1	0	21.54	1.09	22.63	<=30	Pass
			25	21.74	1.09	22.83	<=30	Pass
			49	21.60	1.09	22.69	<=30	Pass
		25	0	20.65	1.09	21.74	<=30	Pass
			13	20.62	1.09	21.71	<=30	Pass
			25	20.64	1.09	21.73	<=30	Pass
		50	0	20.63	1.09	21.72	<=30	Pass
16QAM	1715	1	0	20.54	1.09	21.63	<=30	Pass
			25	20.71	1.09	21.80	<=30	Pass
			49	20.51	1.09	21.60	<=30	Pass
		25	0	19.56	1.09	20.65	<=30	Pass
			13	19.60	1.09	20.69	<=30	Pass
			25	19.65	1.09	20.74	<=30	Pass
		50	0	19.57	1.09	20.66	<=30	Pass
	1732.5	1	0	20.65	1.09	21.74	<=30	Pass
			25	20.87	1.09	21.96	<=30	Pass
			49	20.71	1.09	21.80	<=30	Pass
		25	0	19.63	1.09	20.72	<=30	Pass
			13	19.60	1.09	20.69	<=30	Pass
			25	19.56	1.09	20.65	<=30	Pass
		50	0	19.57	1.09	20.66	<=30	Pass
	1750	1	0	21.14	1.09	22.23	<=30	Pass
			25	21.26	1.09	22.35	<=30	Pass
			49	21.14	1.09	22.23	<=30	Pass
		25	0	19.67	1.09	20.76	<=30	Pass
			13	19.67	1.09	20.76	<=30	Pass
			25	19.70	1.09	20.79	<=30	Pass
		50	0	19.68	1.09	20.77	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.43	1.09	22.52	<=30	Pass
			38	21.59	1.09	22.68	<=30	Pass
			74	21.47	1.09	22.56	<=30	Pass
		36	0	20.49	1.09	21.58	<=30	Pass
			18	20.59	1.09	21.68	<=30	Pass
			39	20.60	1.09	21.69	<=30	Pass
		75	0	20.55	1.09	21.64	<=30	Pass
	1732.5	1	0	21.43	1.09	22.52	<=30	Pass
			38	21.60	1.09	22.69	<=30	Pass
			74	21.49	1.09	22.58	<=30	Pass
		36	0	20.68	1.09	21.77	<=30	Pass
			18	20.68	1.09	21.77	<=30	Pass
			39	20.68	1.09	21.77	<=30	Pass
		75	0	20.64	1.09	21.73	<=30	Pass
	1747.5	1	0	21.47	1.09	22.56	<=30	Pass
			38	21.66	1.09	22.75	<=30	Pass
			74	21.55	1.09	22.64	<=30	Pass
		36	0	20.67	1.09	21.76	<=30	Pass
			18	20.69	1.09	21.78	<=30	Pass
			39	20.68	1.09	21.77	<=30	Pass
		75	0	20.63	1.09	21.72	<=30	Pass
16QAM	1717.5	1	0	20.79	1.09	21.88	<=30	Pass

			38	20.92	1.09	22.01	<=30	Pass
			74	20.75	1.09	21.84	<=30	Pass
		36	0	19.42	1.09	20.51	<=30	Pass
			18	19.53	1.09	20.62	<=30	Pass
			39	19.56	1.09	20.65	<=30	Pass
		75	0	19.55	1.09	20.64	<=30	Pass
	1732.5	1	0	20.55	1.09	21.64	<=30	Pass
			38	20.74	1.09	21.83	<=30	Pass
			74	20.62	1.09	21.71	<=30	Pass
		36	0	19.59	1.09	20.68	<=30	Pass
			18	19.61	1.09	20.70	<=30	Pass
			39	19.57	1.09	20.66	<=30	Pass
		75	0	19.61	1.09	20.70	<=30	Pass
	1747.5	1	0	21.01	1.09	22.10	<=30	Pass
			38	21.19	1.09	22.28	<=30	Pass
			74	21.09	1.09	22.18	<=30	Pass
		36	0	19.62	1.09	20.71	<=30	Pass
			18	19.67	1.09	20.76	<=30	Pass
			39	19.64	1.09	20.73	<=30	Pass
		75	0	19.65	1.09	20.74	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.29	1.09	22.38	<=30	Pass
			50	21.70	1.09	22.79	<=30	Pass
			99	21.30	1.09	22.39	<=30	Pass
		50	0	20.42	1.09	21.51	<=30	Pass
			25	20.54	1.09	21.63	<=30	Pass
			50	20.57	1.09	21.66	<=30	Pass
		100	0	20.54	1.09	21.63	<=30	Pass
	1732.5	1	0	21.29	1.09	22.38	<=30	Pass
			50	21.75	1.09	22.84	<=30	Pass
			99	21.39	1.09	22.48	<=30	Pass
		50	0	20.61	1.09	21.70	<=30	Pass
			25	20.59	1.09	21.68	<=30	Pass
			50	20.57	1.09	21.66	<=30	Pass
		100	0	20.61	1.09	21.70	<=30	Pass
	1745	1	0	21.32	1.09	22.41	<=30	Pass
			50	21.79	1.09	22.88	<=30	Pass
			99	21.38	1.09	22.47	<=30	Pass
		50	0	20.68	1.09	21.77	<=30	Pass
			25	20.62	1.09	21.71	<=30	Pass
			50	20.68	1.09	21.77	<=30	Pass
		100	0	20.67	1.09	21.76	<=30	Pass
16QAM	1720	1	0	20.77	1.09	21.86	<=30	Pass
			50	21.18	1.09	22.27	<=30	Pass
			99	20.79	1.09	21.88	<=30	Pass
		50	0	19.38	1.09	20.47	<=30	Pass
			25	19.52	1.09	20.61	<=30	Pass
			50	19.56	1.09	20.65	<=30	Pass
		100	0	19.52	1.09	20.61	<=30	Pass
	1732.5	1	0	20.44	1.09	21.53	<=30	Pass
			50	20.92	1.09	22.01	<=30	Pass

			99	20.56	1.09	21.65	<=30	Pass
		50	0	19.63	1.09	20.72	<=30	Pass
			25	19.62	1.09	20.71	<=30	Pass
			50	19.52	1.09	20.61	<=30	Pass
		100	0	19.58	1.09	20.67	<=30	Pass
	1745	1	0	20.63	1.09	21.72	<=30	Pass
			50	21.06	1.09	22.15	<=30	Pass
			99	20.67	1.09	21.76	<=30	Pass
		50	0	19.69	1.09	20.78	<=30	Pass
			25	19.63	1.09	20.72	<=30	Pass
			50	19.61	1.09	20.70	<=30	Pass
		100	0	19.69	1.09	20.78	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	43.144	0.0252	-2.5 to 2.5	Pass
					3.85	16.837	0.0098	-2.5 to 2.5	Pass
					4.43	11.044	0.0065	-2.5 to 2.5	Pass
				-30	3.85	-9.227	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	26.007	0.0152	-2.5 to 2.5	Pass
				0	3.85	13.733	0.0080	-2.5 to 2.5	Pass
				10	3.85	8.554	0.0050	-2.5 to 2.5	Pass
				30	3.85	5.050	0.0030	-2.5 to 2.5	Pass
				40	3.85	3.977	0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.85	-48.580	-0.0280	-2.5 to 2.5	Pass
					4.43	-7.081	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.150	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-84.000	-0.0491	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.549	-0.0027	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-5.894	-0.0034	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-8.039	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-9.584	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-6.008	-0.0034	-2.5 to 2.5	Pass
					3.85	-8.597	-0.0049	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-8.411	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	0.143	0.0001	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				10	3.85	0.257	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-5.751	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-5.407	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0007	-2.5 to 2.5	Pass

				10	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-10.057	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-4.478	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-39.754	-0.0232	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-5.407	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.509	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.85	-6.967	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-7.567	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-8.140	-0.0046	-2.5 to 2.5	Pass
					3.85	-11.215	-0.0064	-2.5 to 2.5	Pass
					4.43	-8.655	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-10.285	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-11.587	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-12.546	-0.0072	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-6.852	-0.0040	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0008	-2.5 to 2.5	Pass

				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-3.119	-0.0018	-2.5 to 2.5	Pass
					3.85	-7.553	-0.0044	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-4.206	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-8.168	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-6.981	-0.0040	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-1.702	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.160	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.973	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
					4.43	-7.153	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-6.495	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.037	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0044	-2.5 to 2.5	Pass

				10	3.85	-8.855	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-8.969	-0.0051	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-7.324	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0040	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.190	-0.0019	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-7.725	-0.0045	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				30	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				50	3.85	2.117	0.0012	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-5.479	-0.0031	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-8.311	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.166	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-7.296	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-9.656	-0.0055	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-4.950	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.353	-0.0043	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-6.323	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.091	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0018	-2.5 to 2.5	Pass

				-30	3.85	-7.982	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-4.478	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.054	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-6.309	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0043	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-5.865	-0.0034	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-4.549	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.592	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-8.855	-0.0051	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
					4.43	-5.007	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass

				50	3.85	-8.268	-0.0047	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-2.203	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.191	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-2.432	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-6.709	-0.0038	-2.5 to 2.5	Pass
					3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
					4.43	-7.024	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.668	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-7.682	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-5.107	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-8.383	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
					4.43	-6.566	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass

				0	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-7.038	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.119	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.532	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.339	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-9.456	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-6.495	-0.0037	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
					4.43	-7.596	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.435	-0.0025	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.533	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

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

3.1.2 B4_3MHz

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

3.1.3 B4_5MHz

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

3.1.4 B4_10MHz

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

3.1.5 B4_15MHz

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

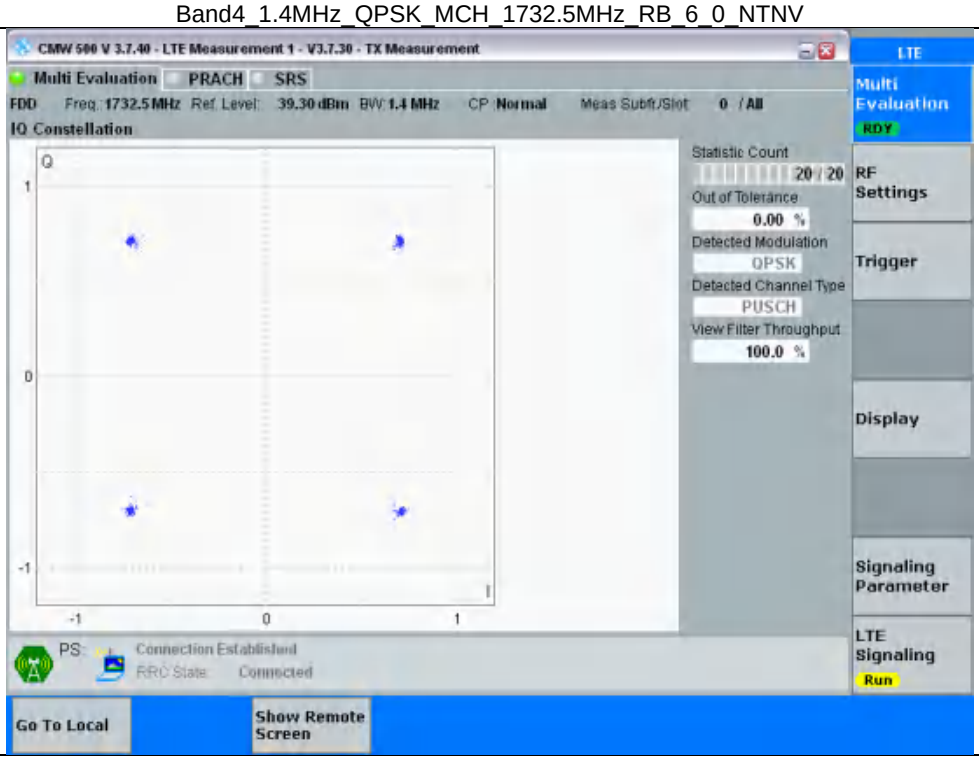
3.1.6 B4_20MHz

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

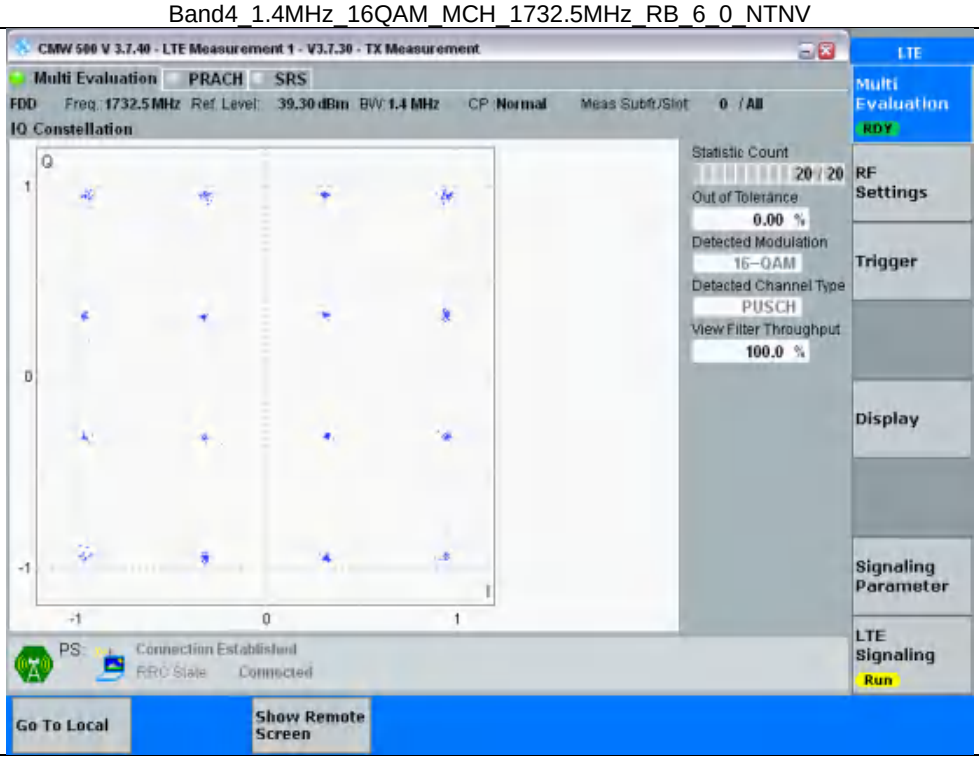
3.2 Test Graph

3.2.1 B4_1.4MHz

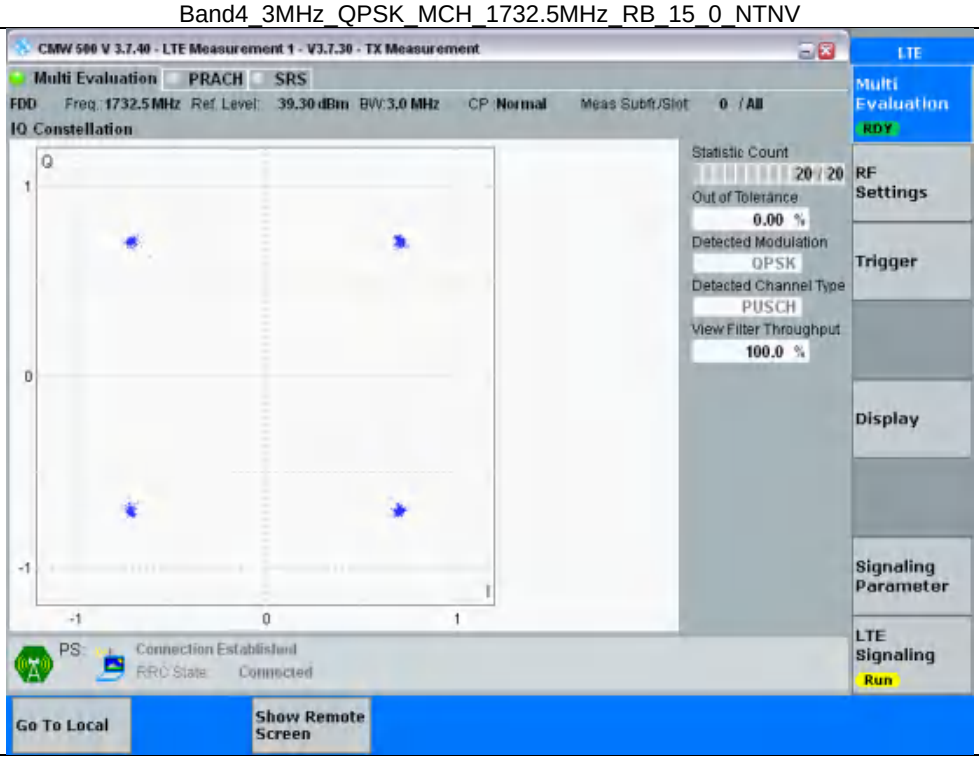
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

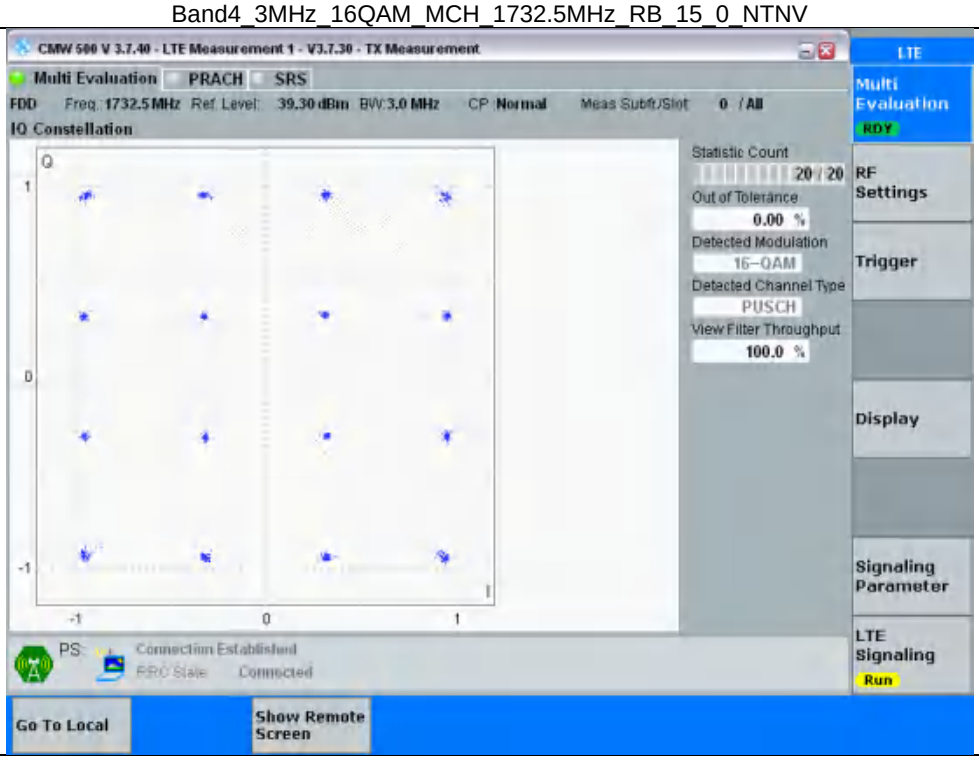


Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

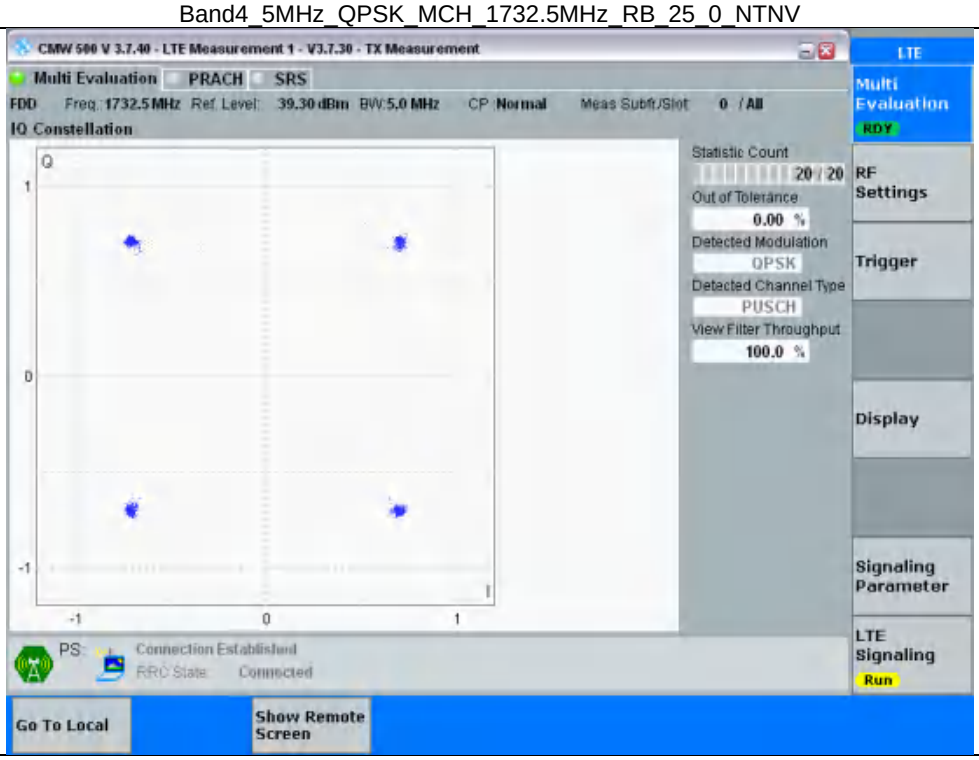


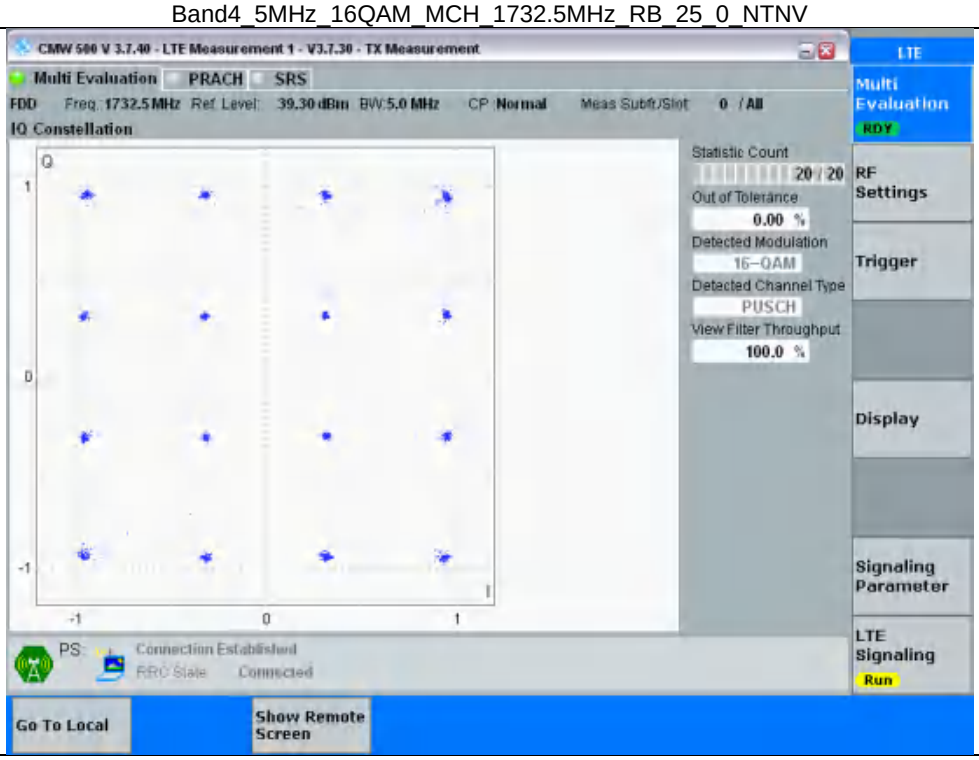
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


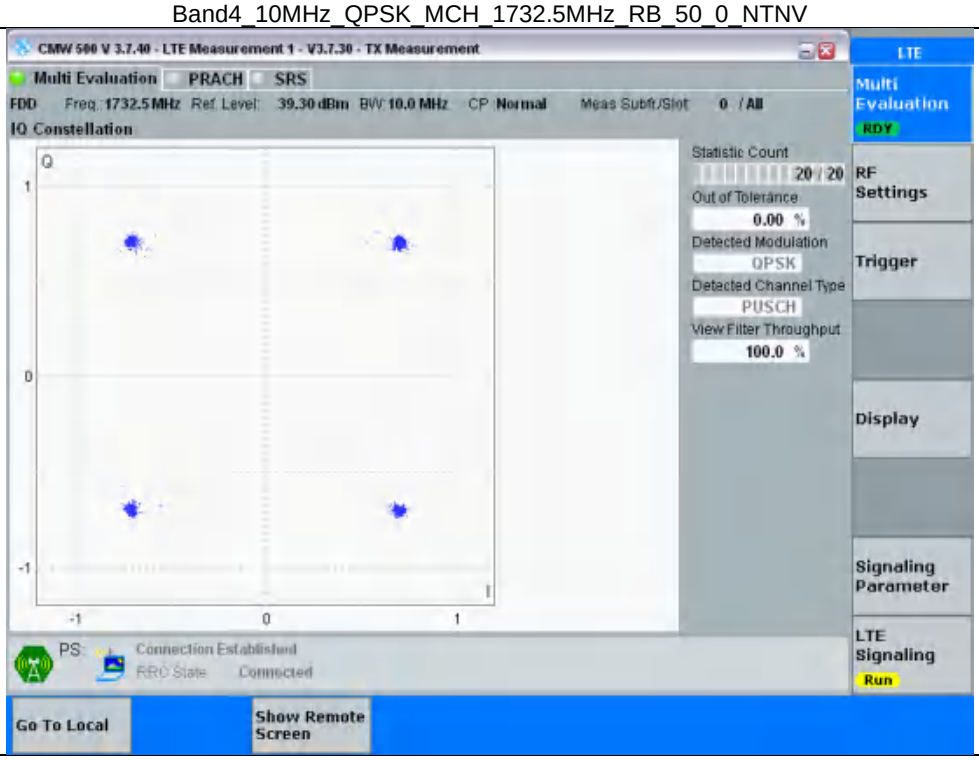
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


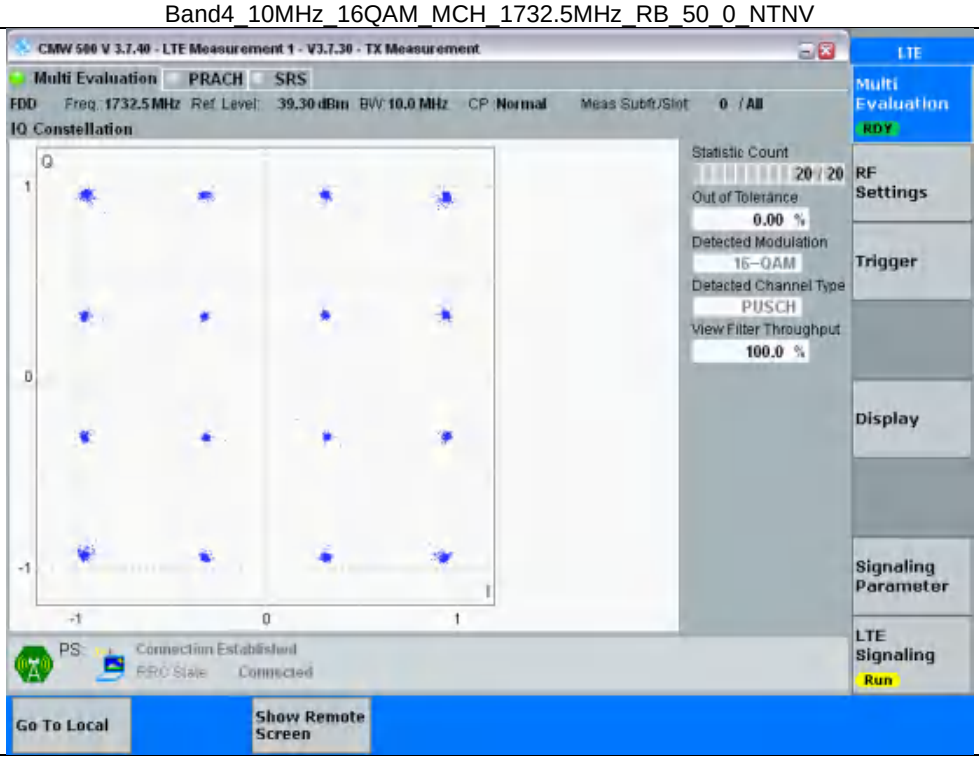
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


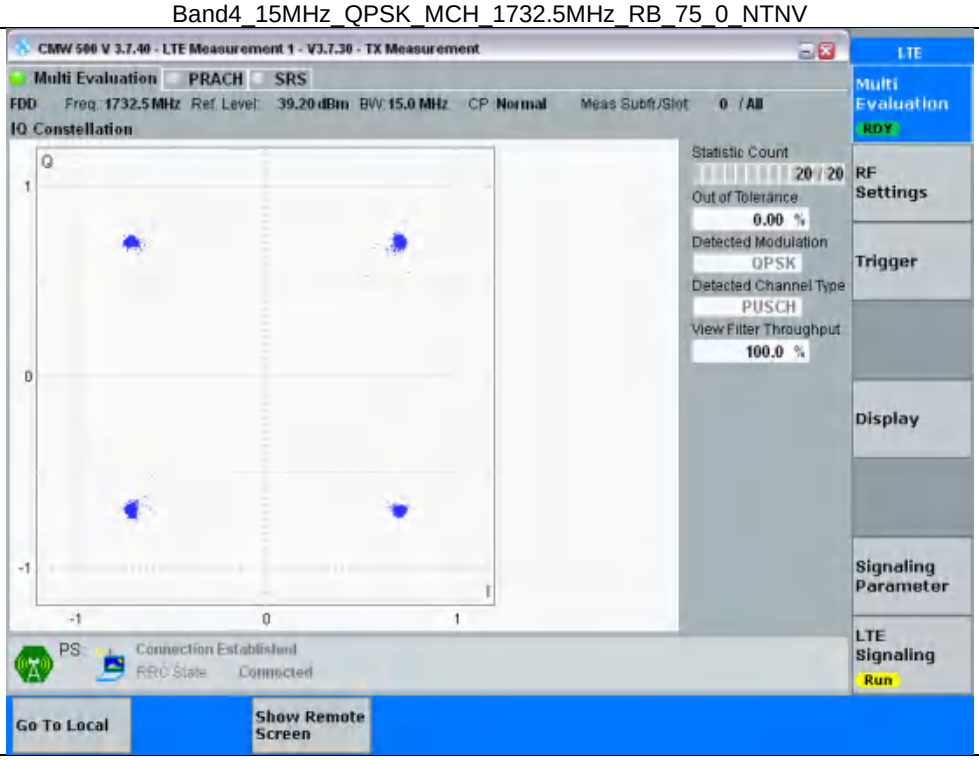
3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV


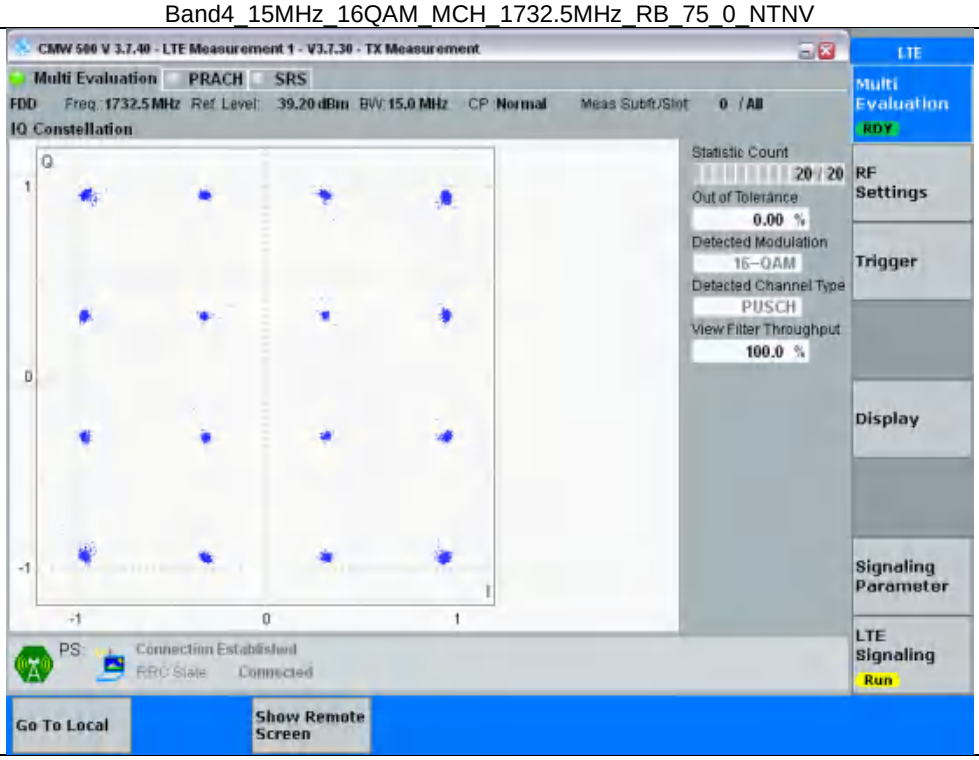
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

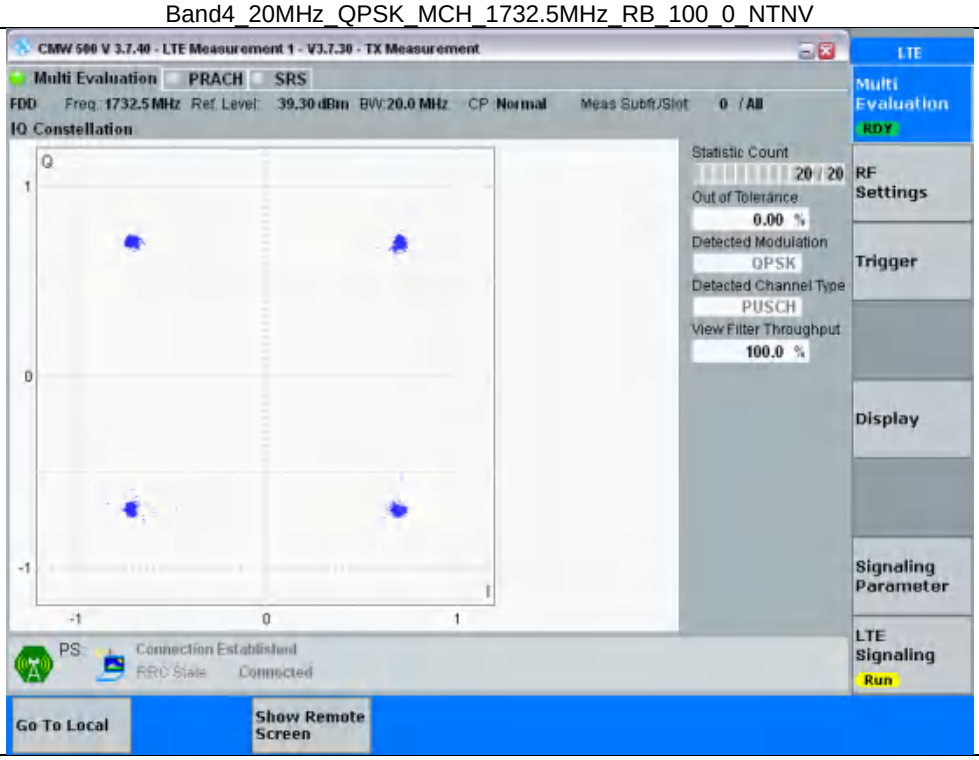


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

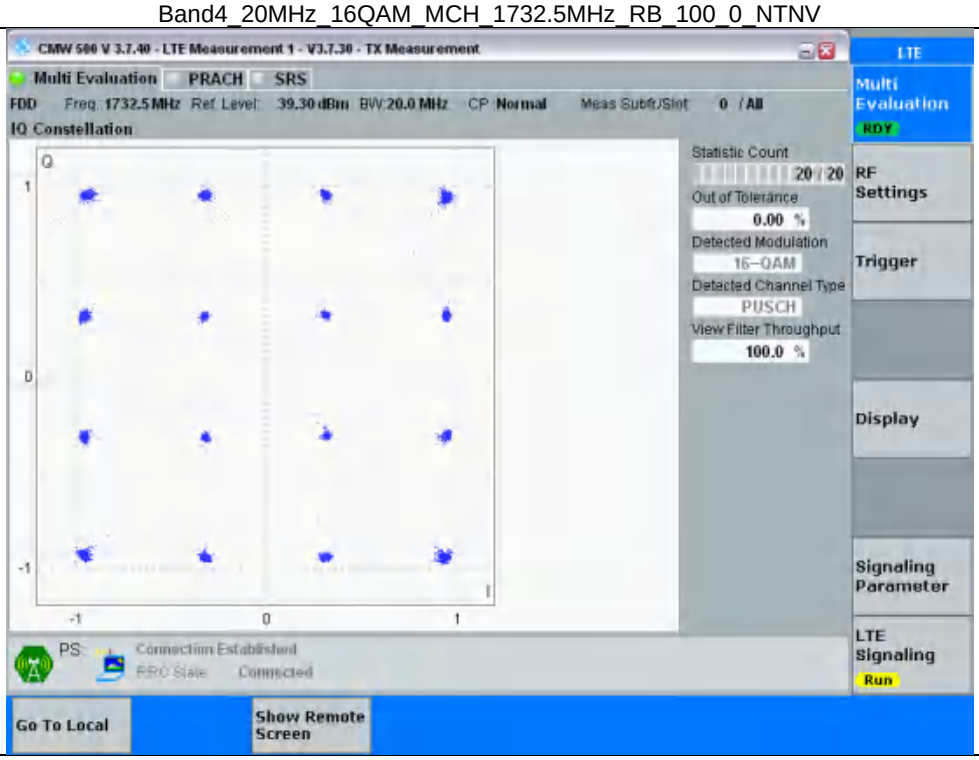


3.2.6 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.119	/	Pass
		1732.5	6	0	1.113	/	Pass
		1754.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.100	/	Pass
		1754.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.725	/	Pass
		1732.5	15	0	2.725	/	Pass
		1753.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.723	/	Pass
		1732.5	15	0	2.728	/	Pass
		1753.5	15	0	2.724	/	Pass
5	QPSK	1712.5	25	0	4.538	/	Pass
		1732.5	25	0	4.533	/	Pass
		1752.5	25	0	4.545	/	Pass
	16QAM	1712.5	25	0	4.542	/	Pass
		1732.5	25	0	4.561	/	Pass
		1752.5	25	0	4.518	/	Pass
10	QPSK	1715	50	0	9.042	/	Pass
		1732.5	50	0	9.048	/	Pass
		1750	50	0	9.035	/	Pass
	16QAM	1715	50	0	9.053	/	Pass
		1732.5	50	0	9.051	/	Pass
		1750	50	0	9.059	/	Pass
15	QPSK	1717.5	75	0	13.565	/	Pass
		1732.5	75	0	13.557	/	Pass
		1747.5	75	0	13.580	/	Pass
	16QAM	1717.5	75	0	13.601	/	Pass
		1732.5	75	0	13.570	/	Pass
		1747.5	75	0	13.619	/	Pass
20	QPSK	1720	100	0	18.129	/	Pass
		1732.5	100	0	18.095	/	Pass
		1745	100	0	18.173	/	Pass
	16QAM	1720	100	0	18.126	/	Pass
		1732.5	100	0	18.132	/	Pass
		1745	100	0	18.069	/	Pass

4.1.2 Band4_XDB

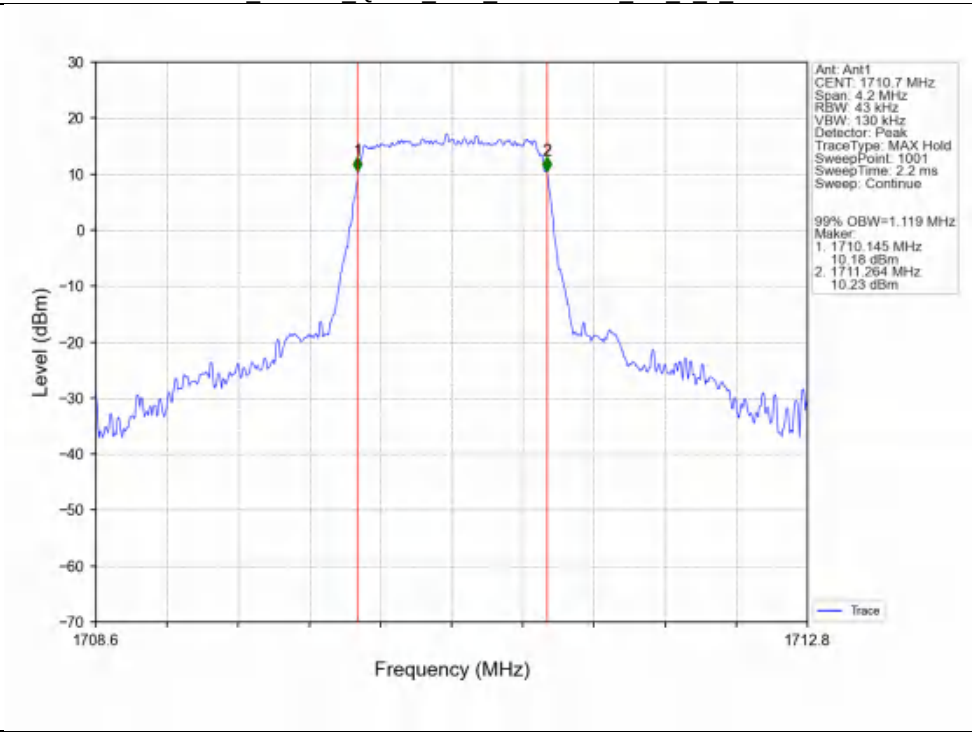
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.314	/	Pass
		1732.5	6	0	1.328	/	Pass
		1754.3	6	0	1.310	/	Pass

	16QAM	1710.7	6	0	1.320	/	Pass
		1732.5	6	0	1.307	/	Pass
		1754.3	6	0	1.334	/	Pass
3	QPSK	1711.5	15	0	2.991	/	Pass
		1732.5	15	0	3.006	/	Pass
		1753.5	15	0	3.002	/	Pass
	16QAM	1711.5	15	0	2.992	/	Pass
		1732.5	15	0	3.000	/	Pass
		1753.5	15	0	2.981	/	Pass
5	QPSK	1712.5	25	0	4.975	/	Pass
		1732.5	25	0	5.029	/	Pass
		1752.5	25	0	4.985	/	Pass
	16QAM	1712.5	25	0	5.033	/	Pass
		1732.5	25	0	5.030	/	Pass
		1752.5	25	0	5.001	/	Pass
10	QPSK	1715	50	0	10.000	/	Pass
		1732.5	50	0	9.941	/	Pass
		1750	50	0	9.929	/	Pass
	16QAM	1715	50	0	9.905	/	Pass
		1732.5	50	0	9.889	/	Pass
		1750	50	0	9.946	/	Pass
15	QPSK	1717.5	75	0	14.890	/	Pass
		1732.5	75	0	14.941	/	Pass
		1747.5	75	0	15.018	/	Pass
	16QAM	1717.5	75	0	14.869	/	Pass
		1732.5	75	0	14.900	/	Pass
		1747.5	75	0	14.952	/	Pass
20	QPSK	1720	100	0	19.923	/	Pass
		1732.5	100	0	19.788	/	Pass
		1745	100	0	19.702	/	Pass
	16QAM	1720	100	0	19.711	/	Pass
		1732.5	100	0	19.855	/	Pass
		1745	100	0	19.131	/	Pass

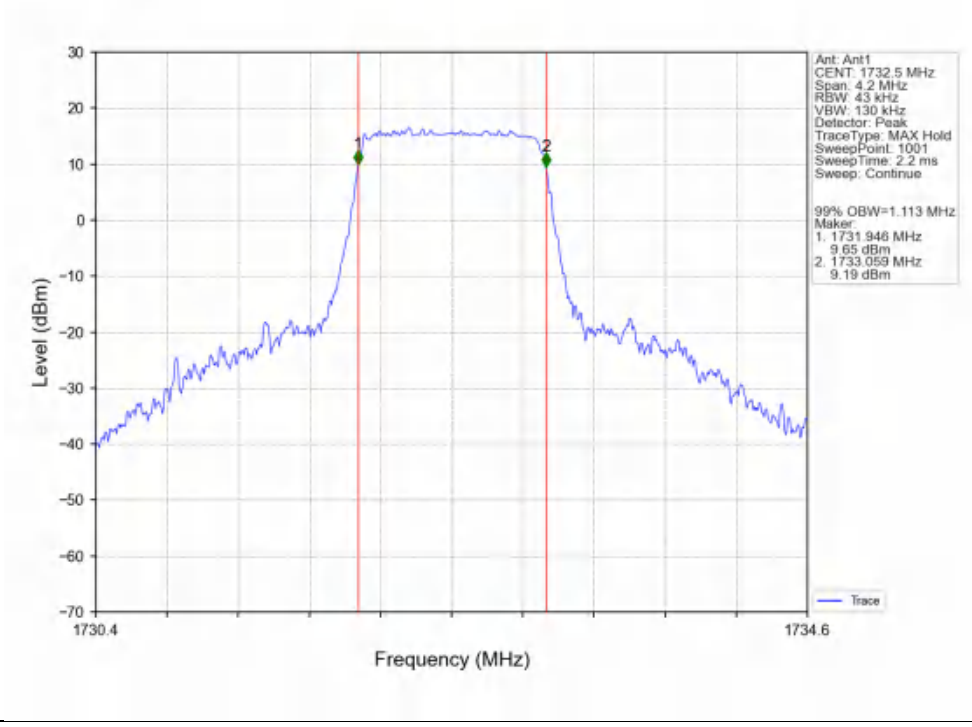
4.2 Test Graph

4.2.1 Band4_OBW

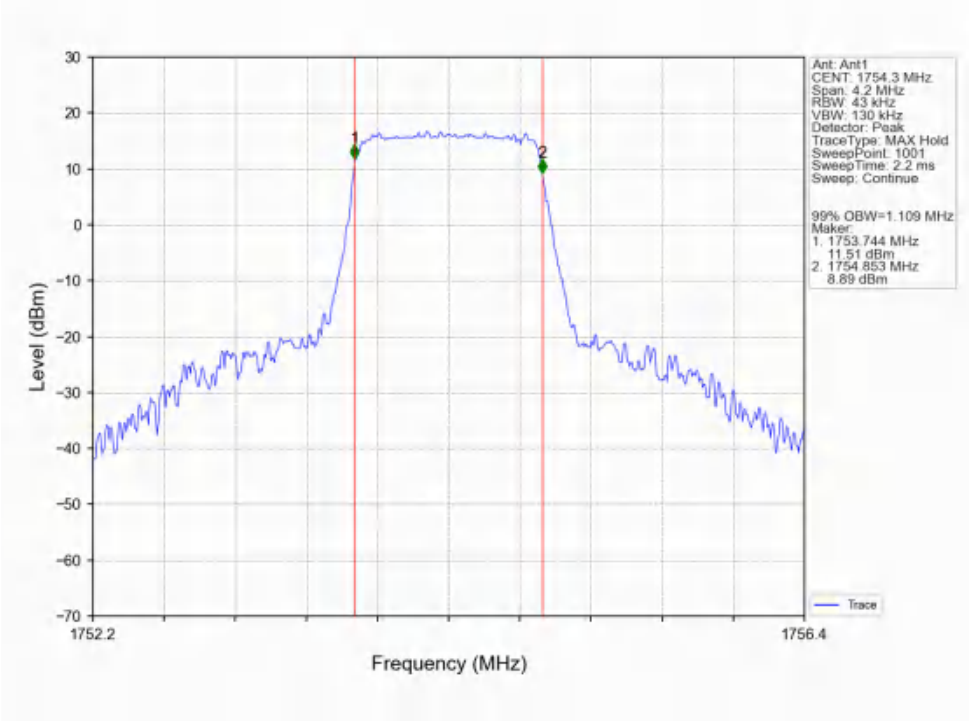
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



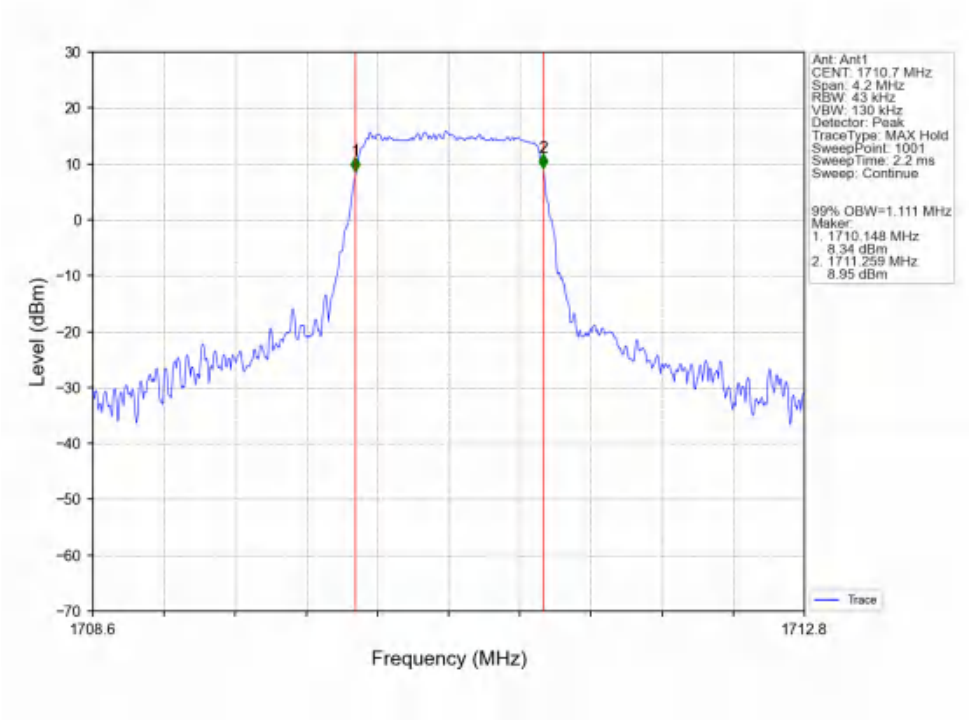
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



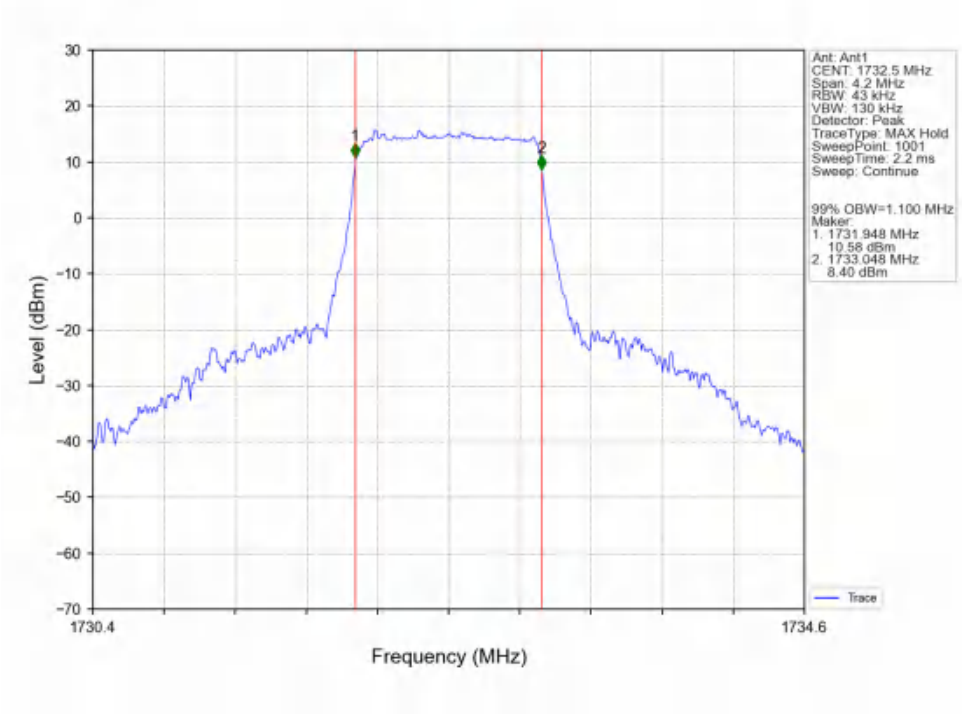
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



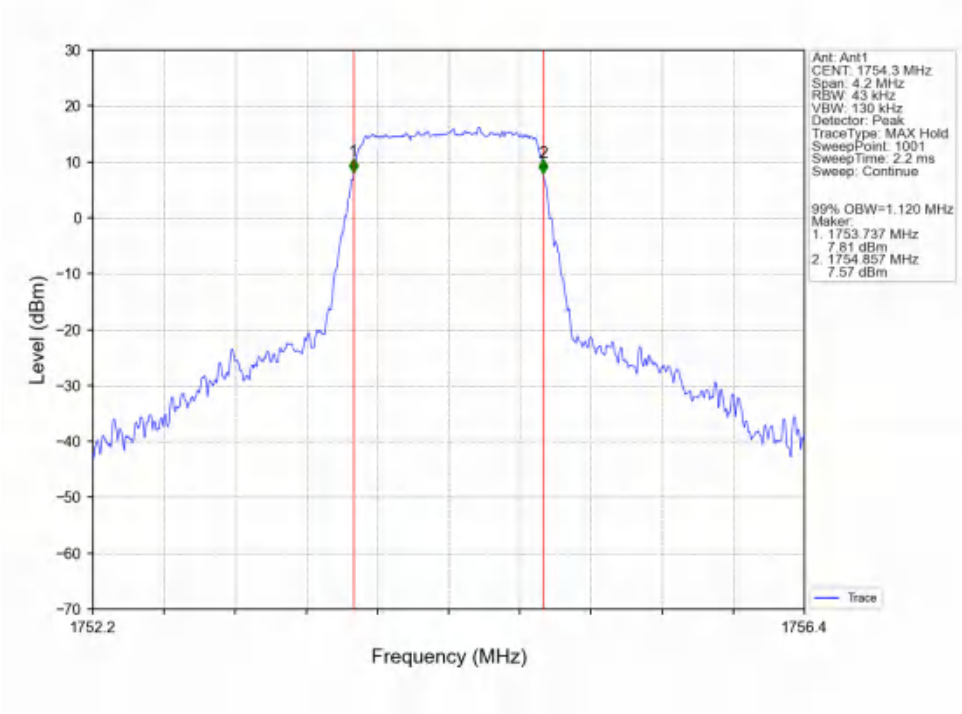
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



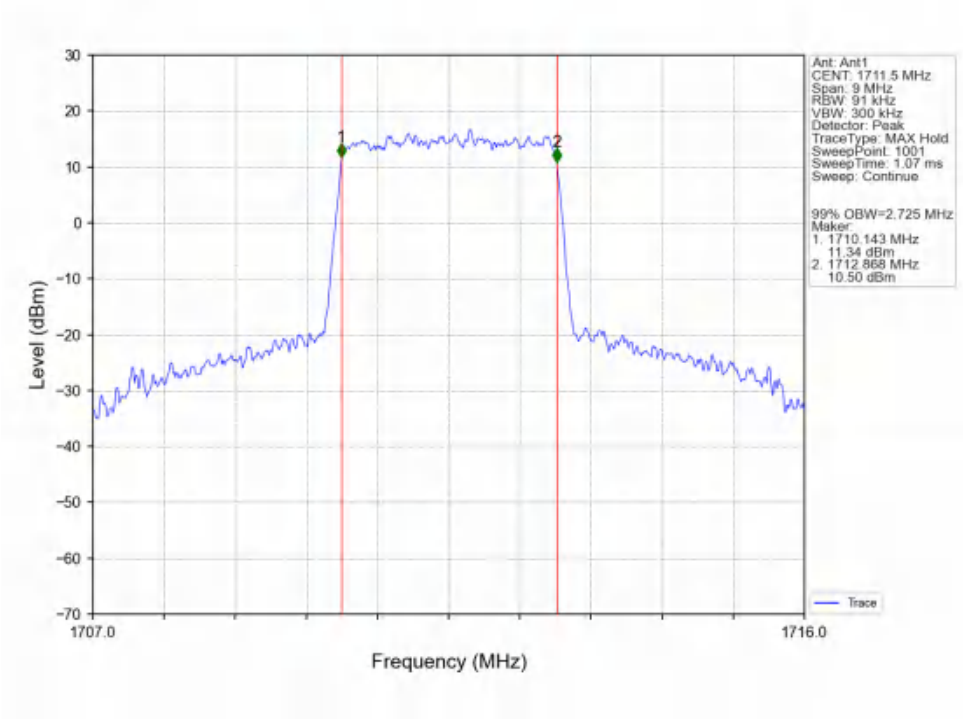
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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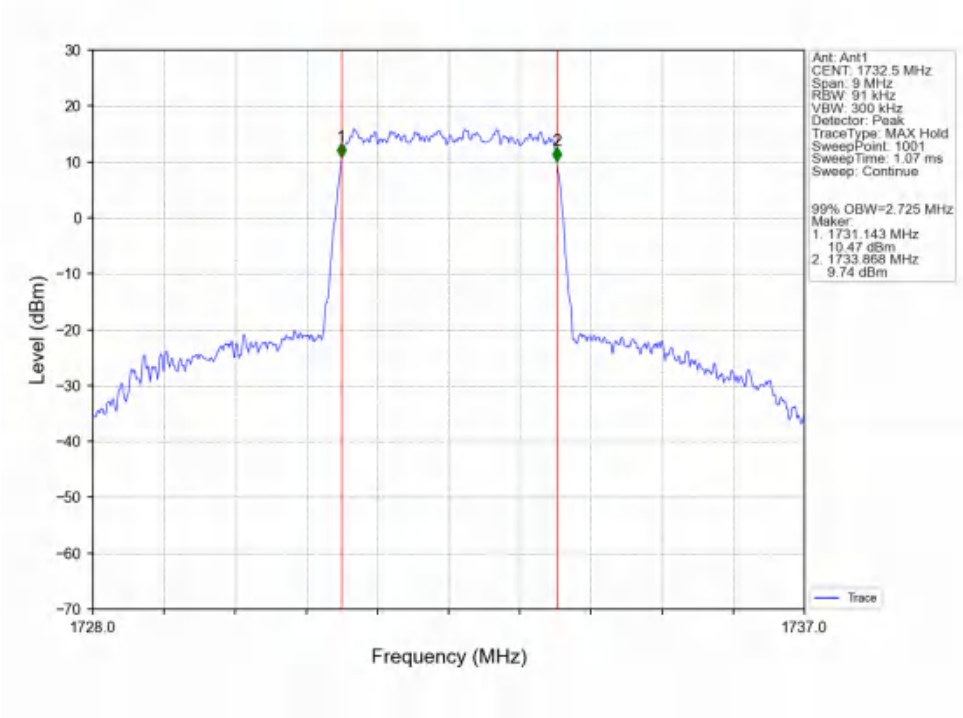
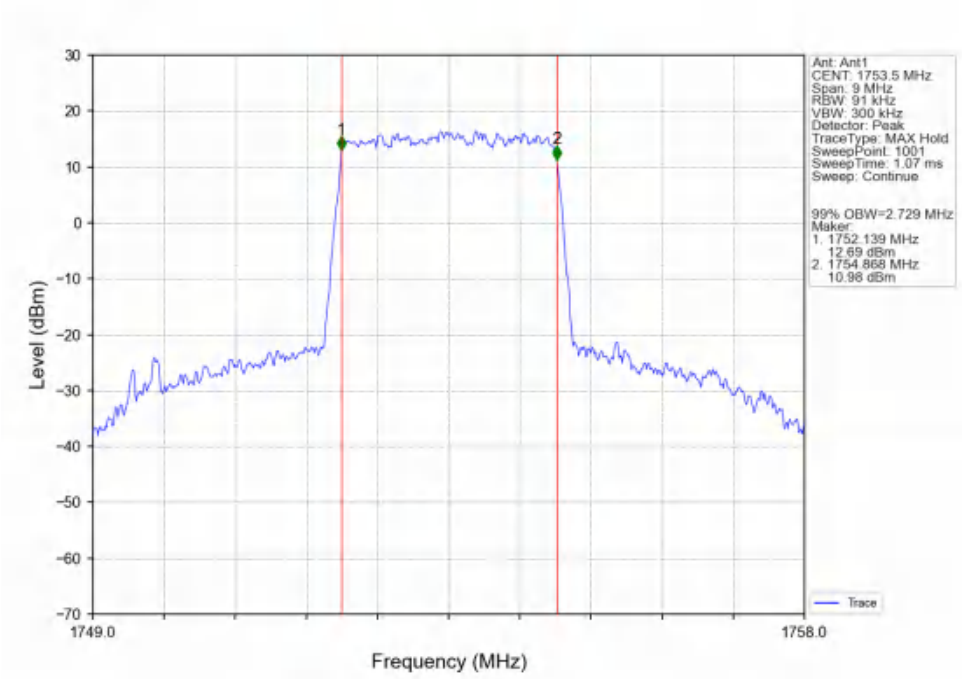
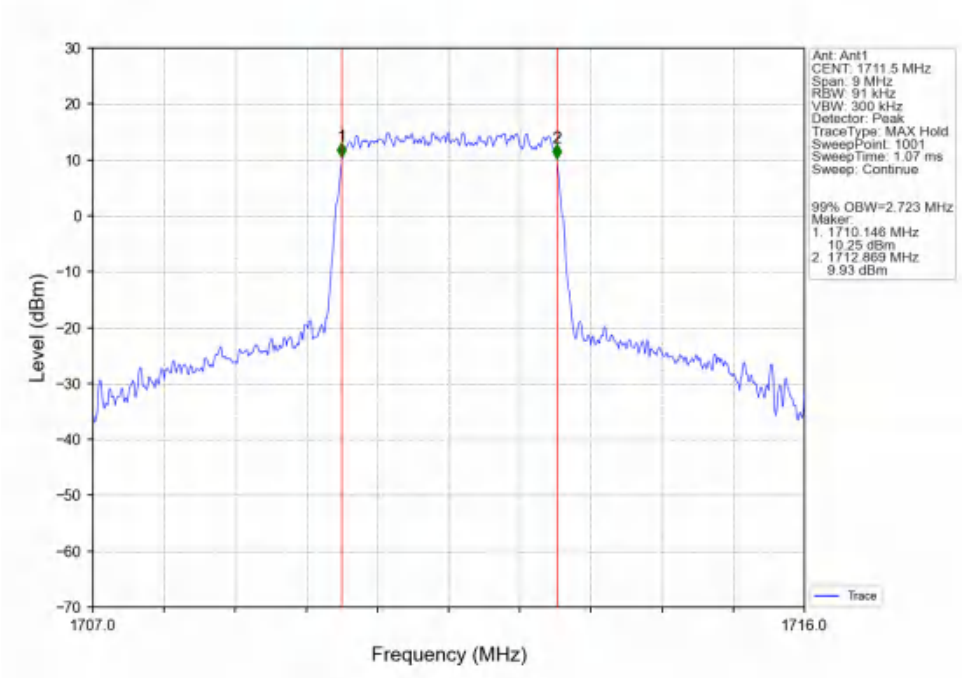


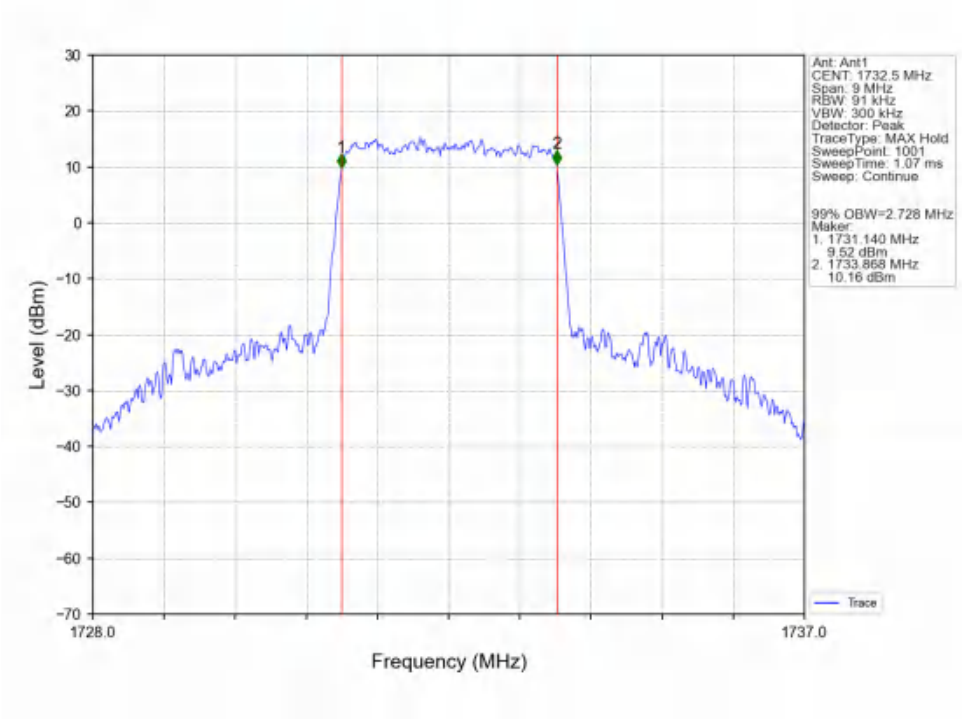
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



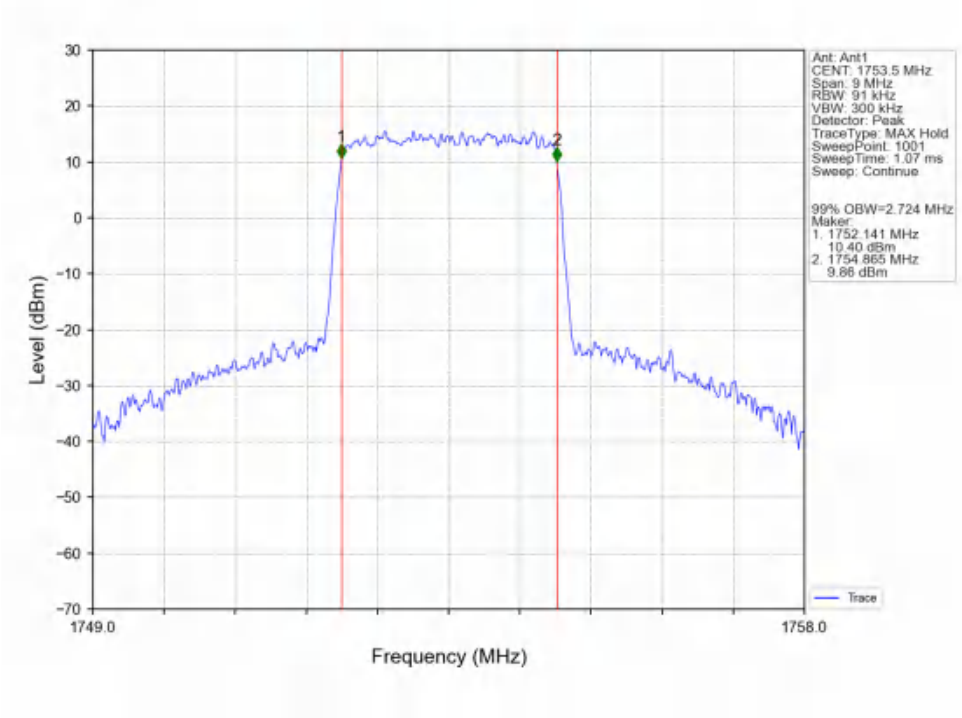
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



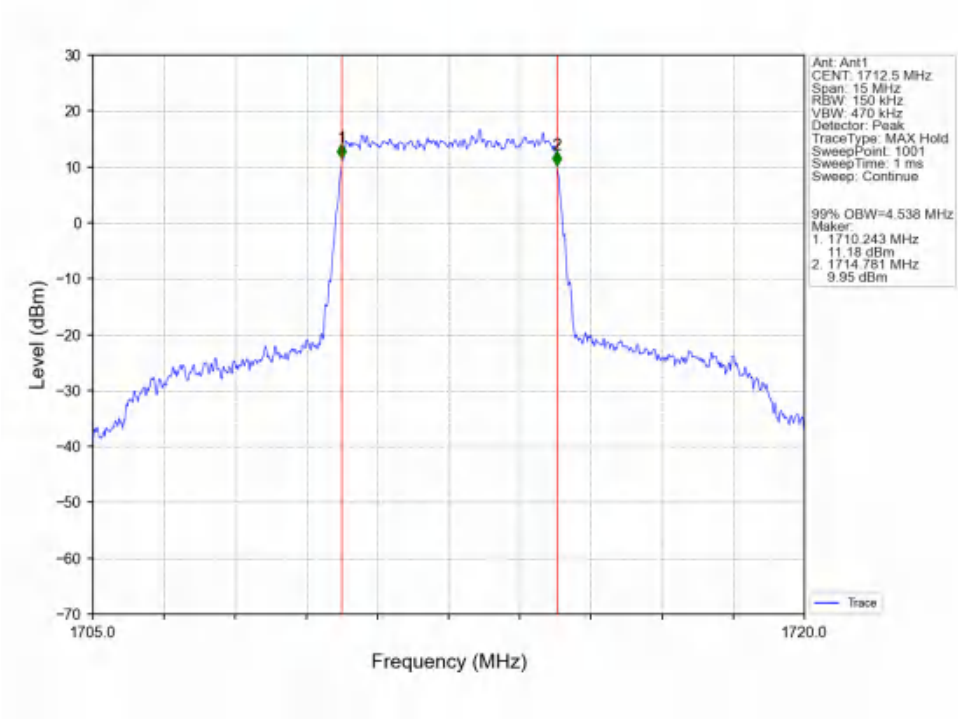
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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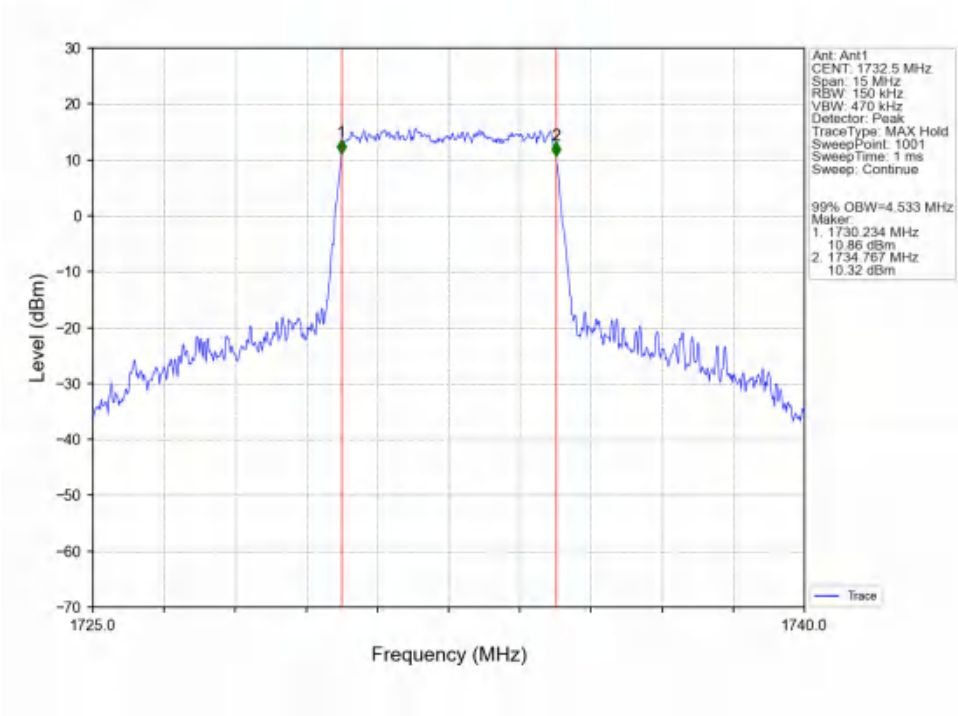
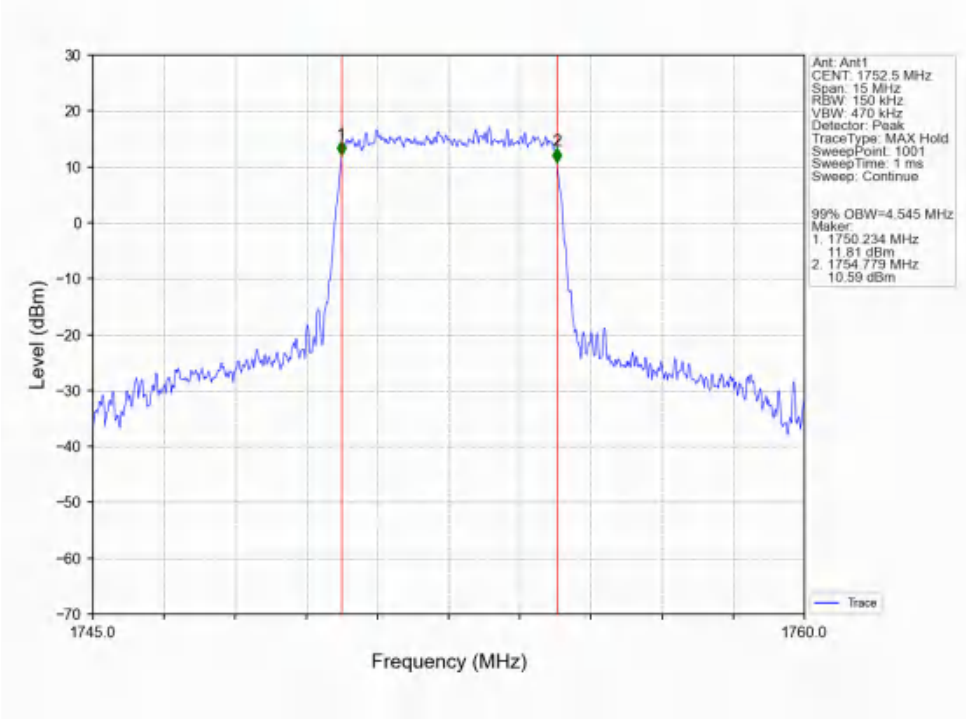
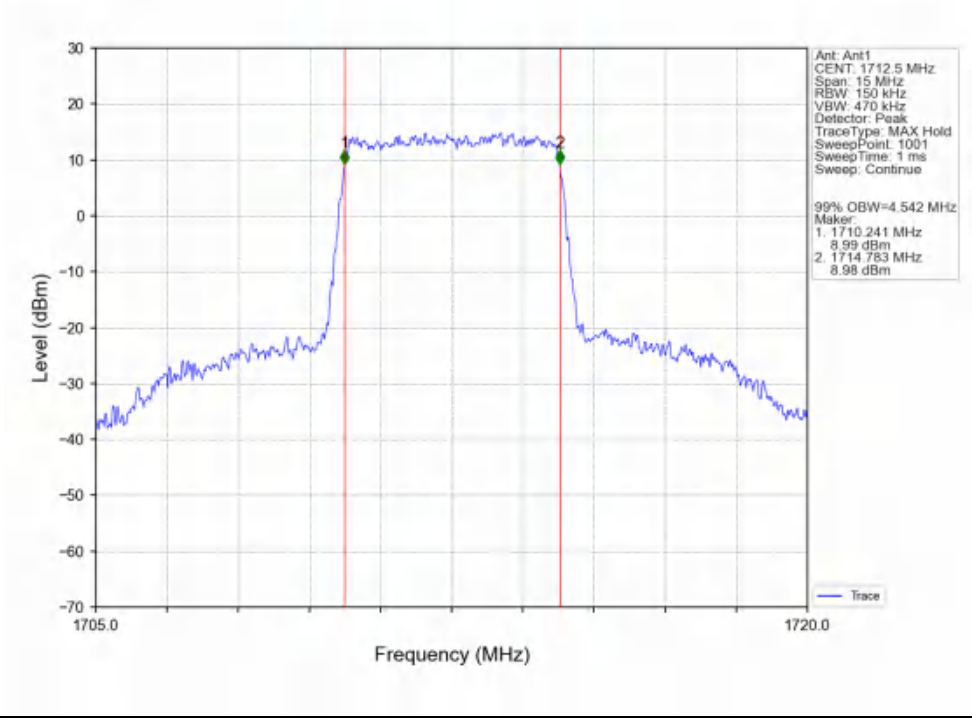


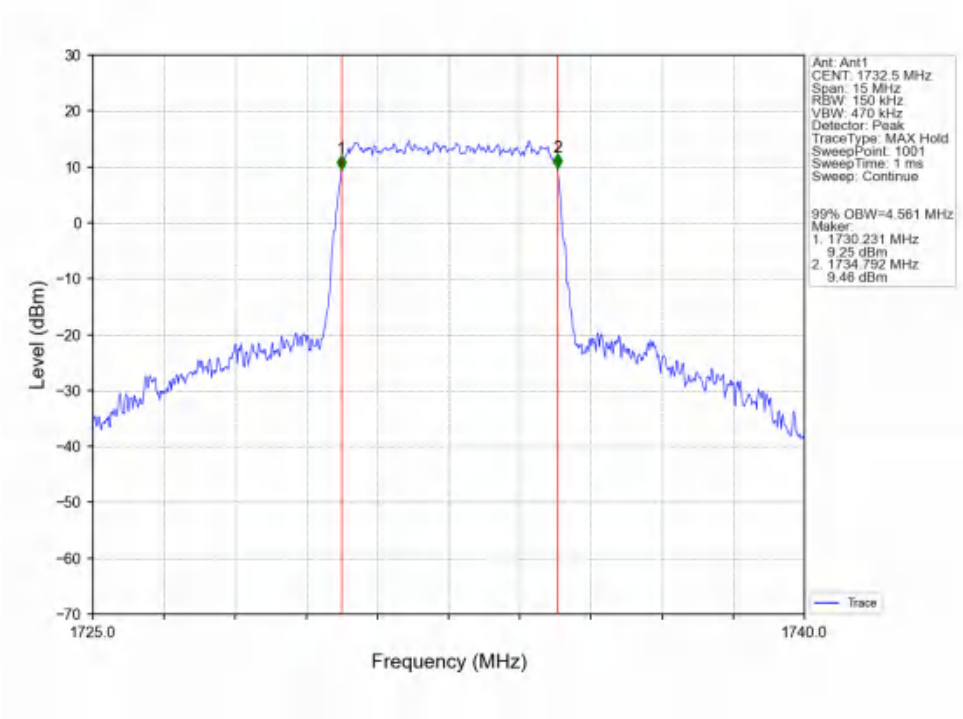
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



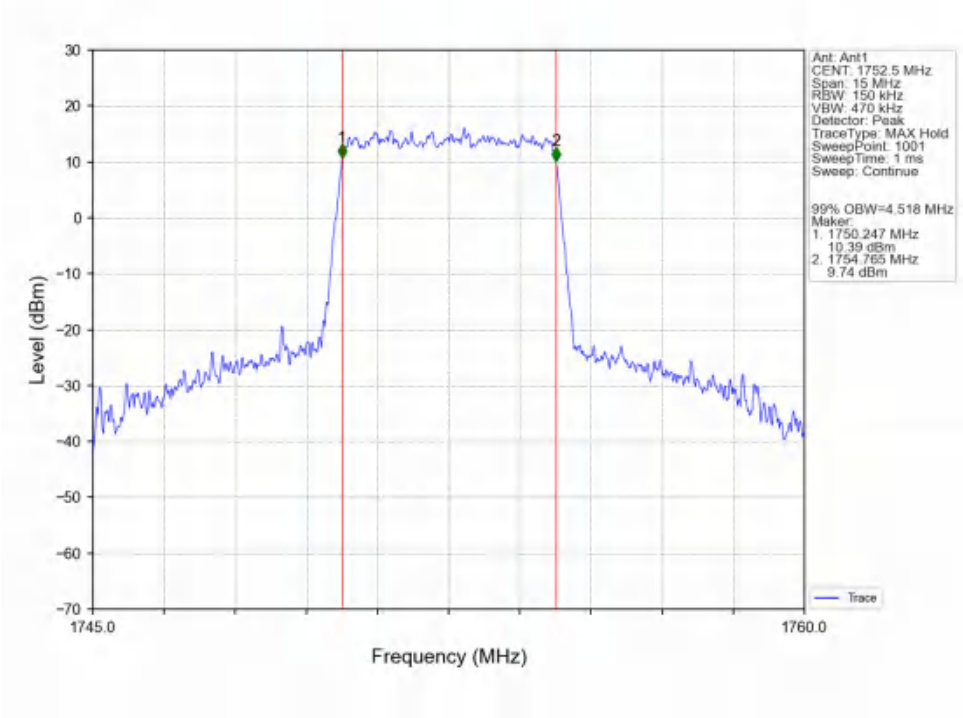
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



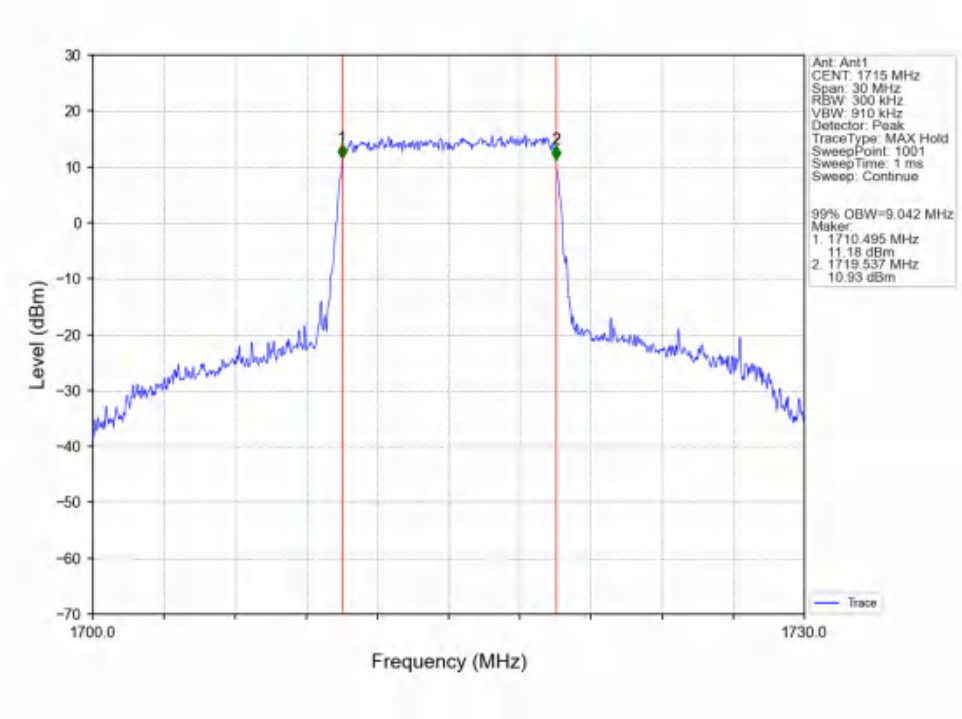
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



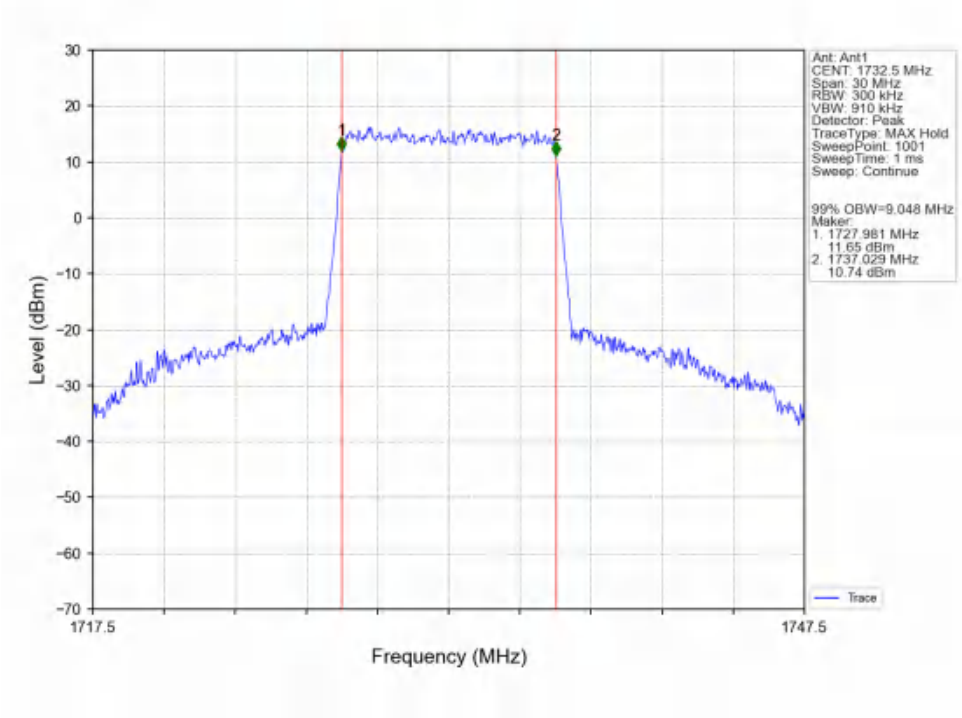
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



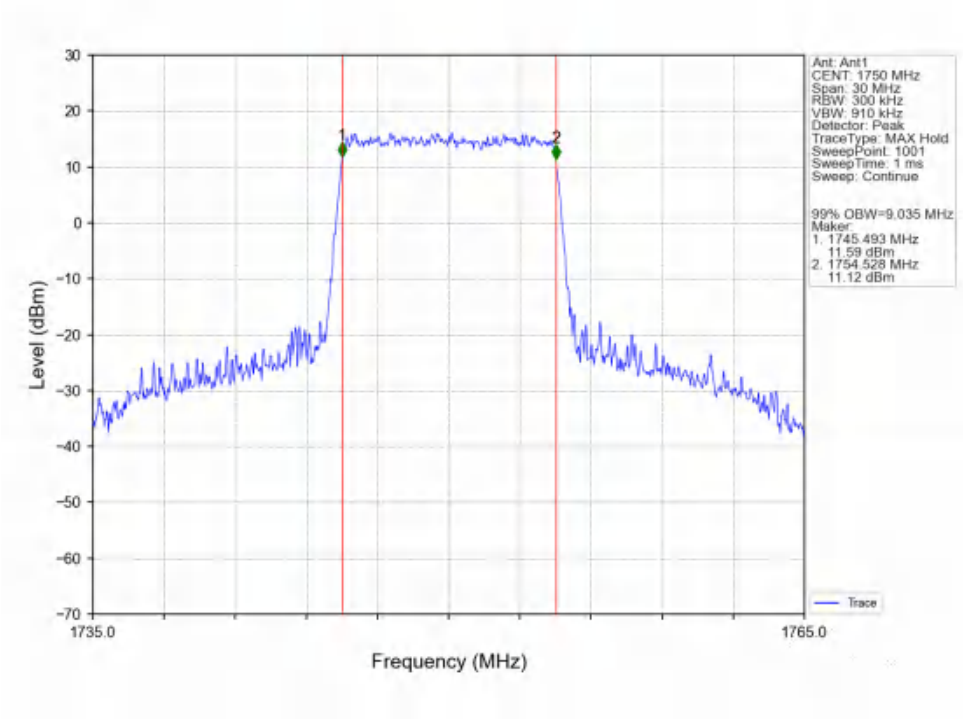
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



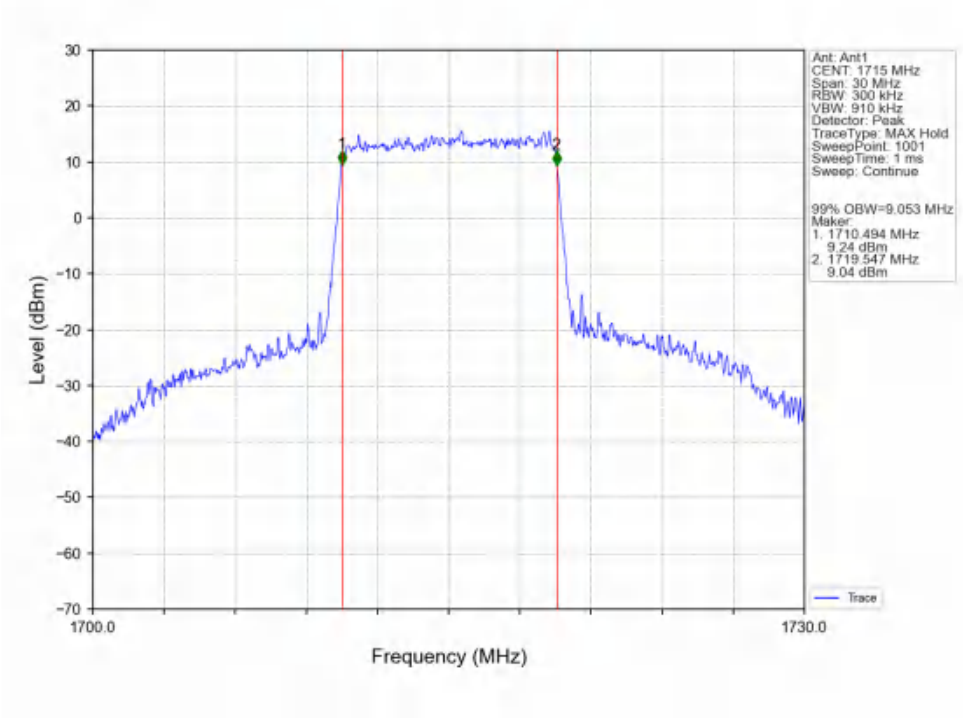
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



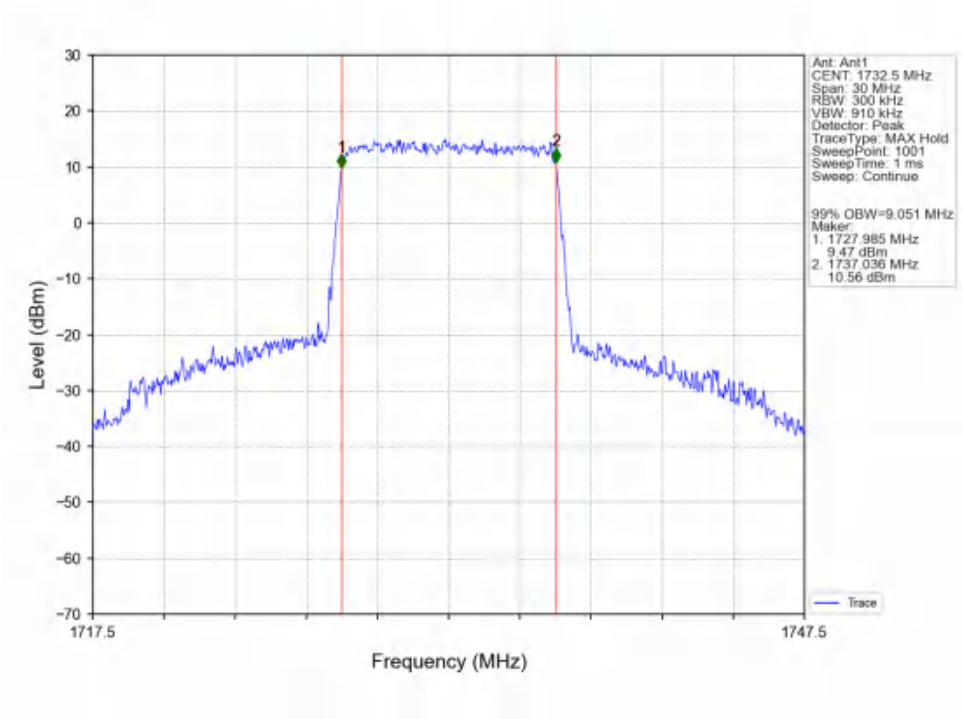
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



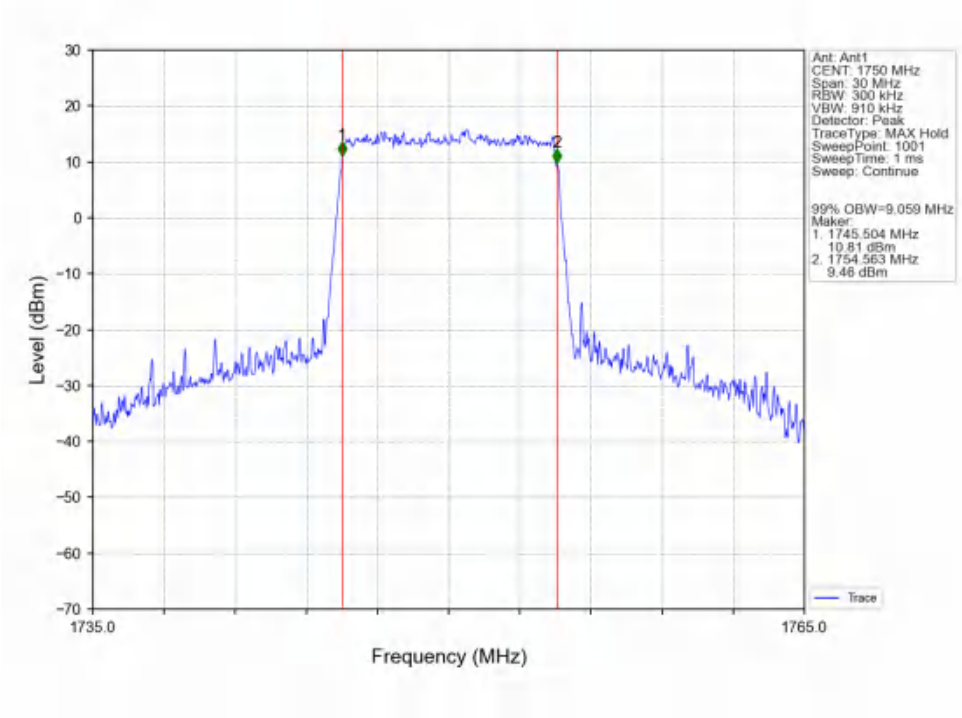
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



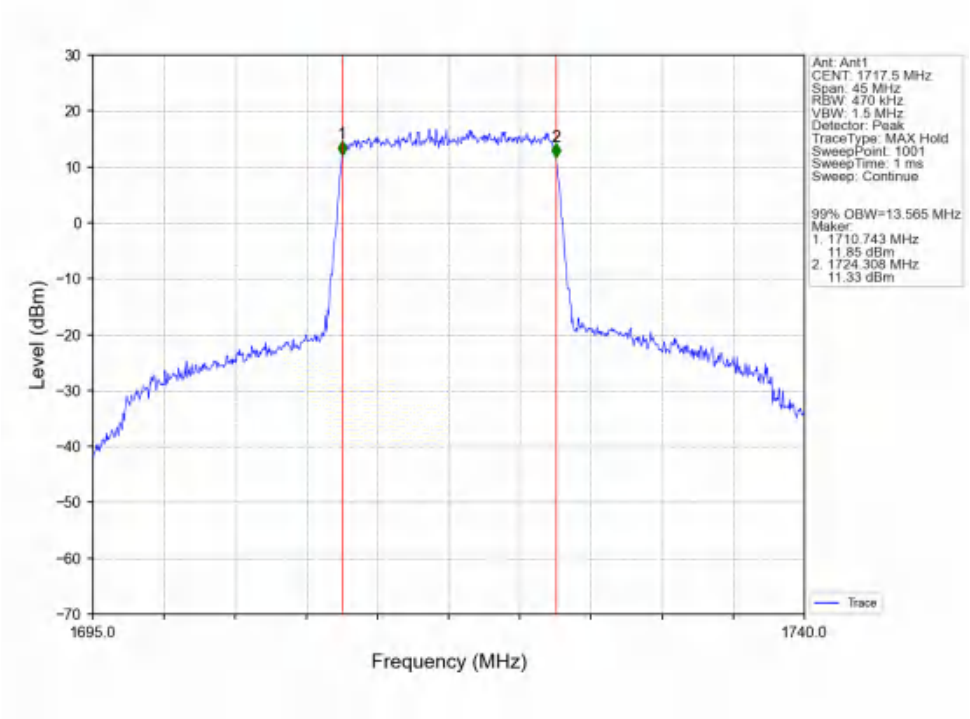
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



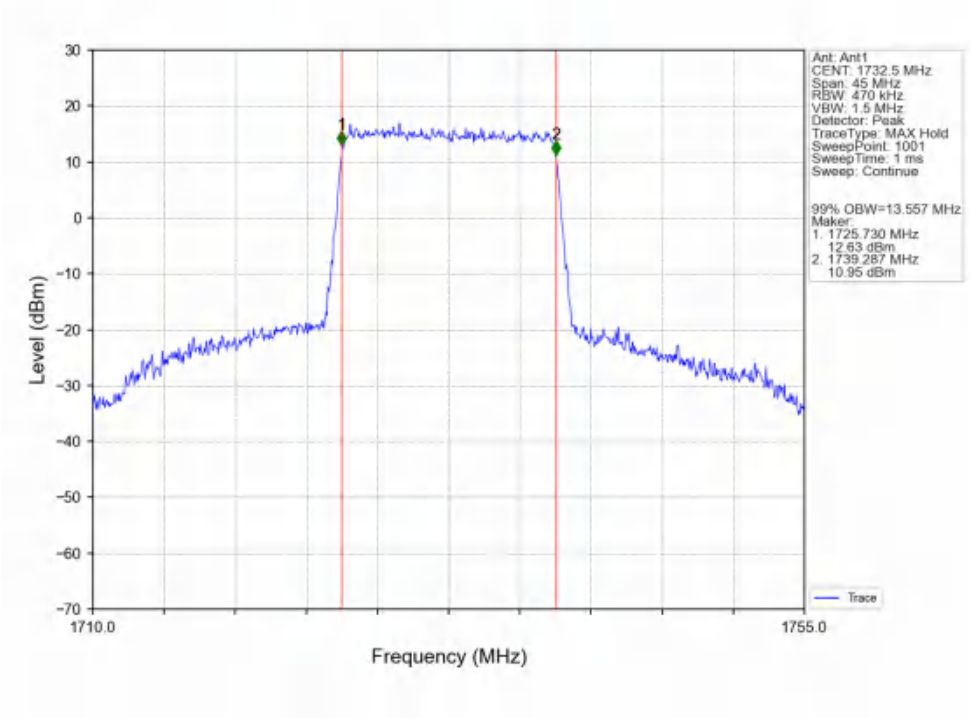
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



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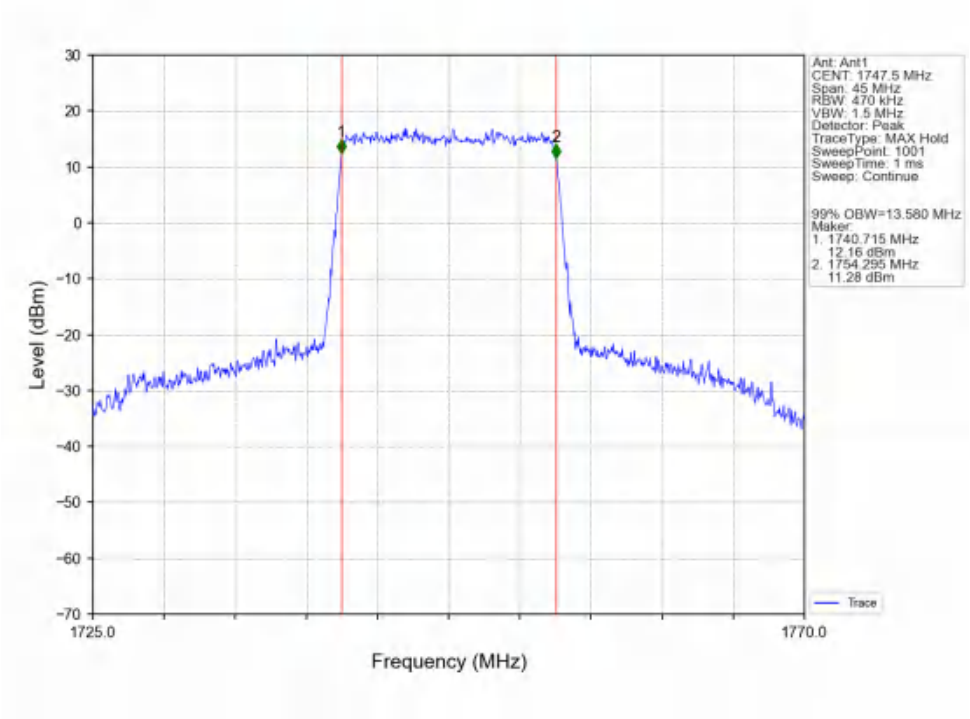
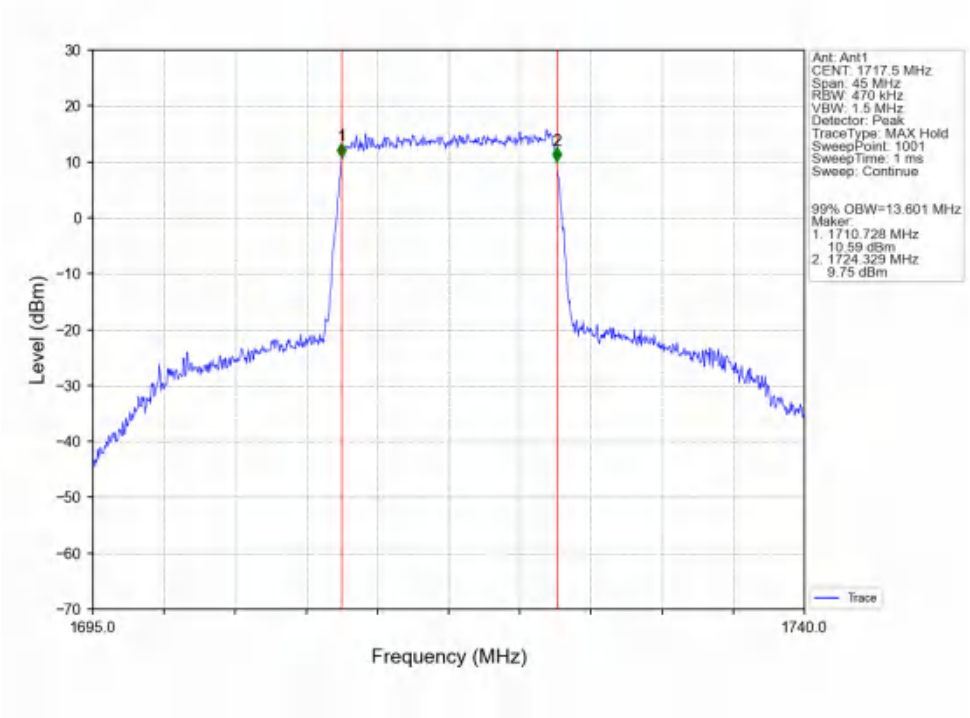
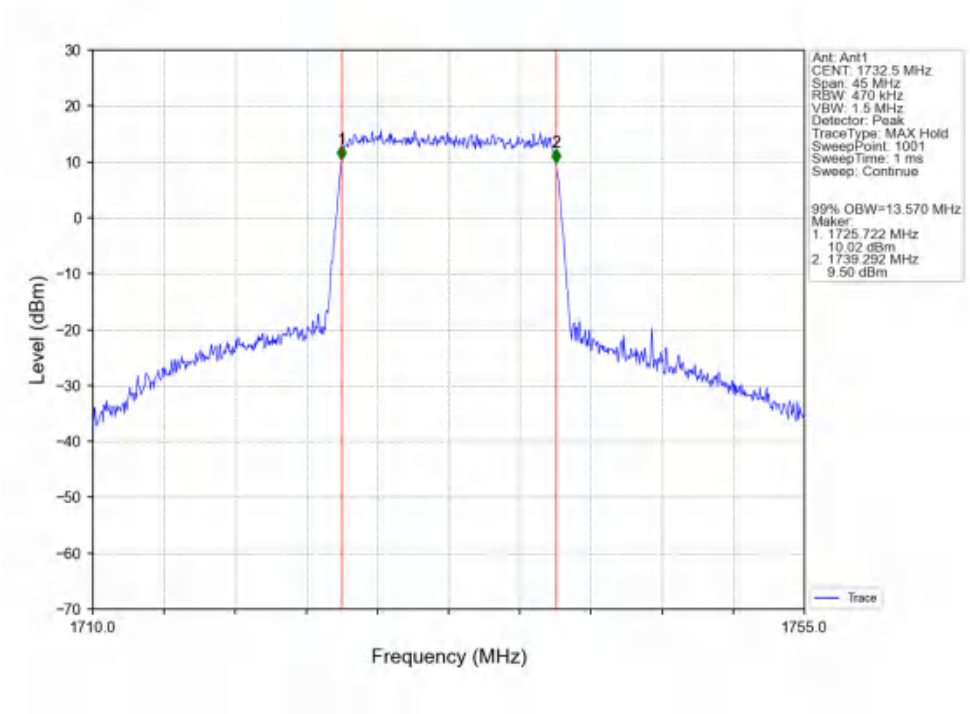


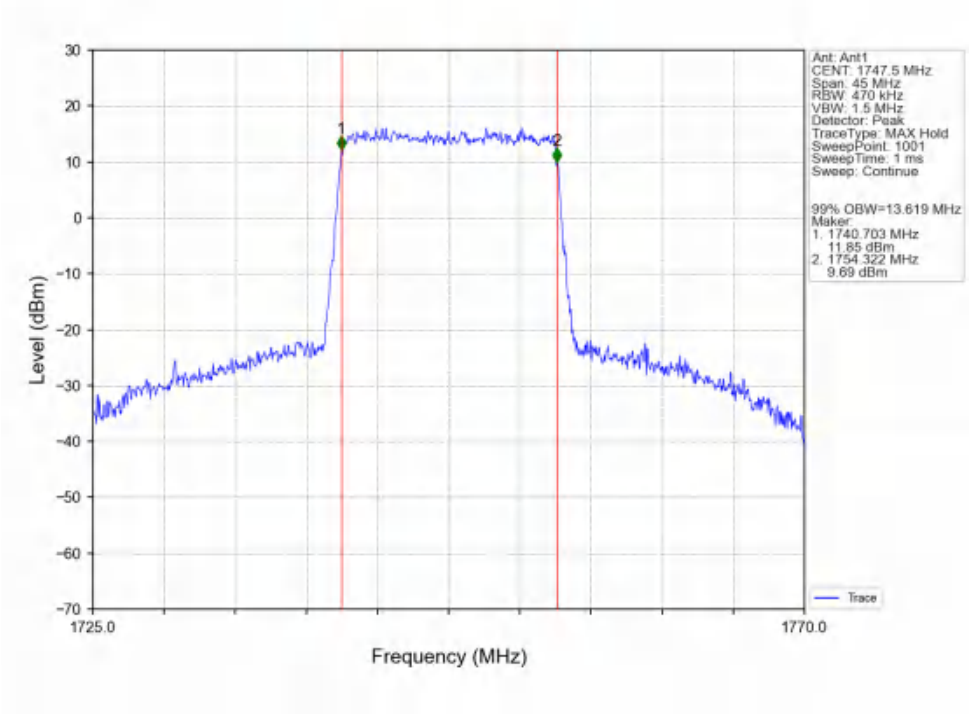
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



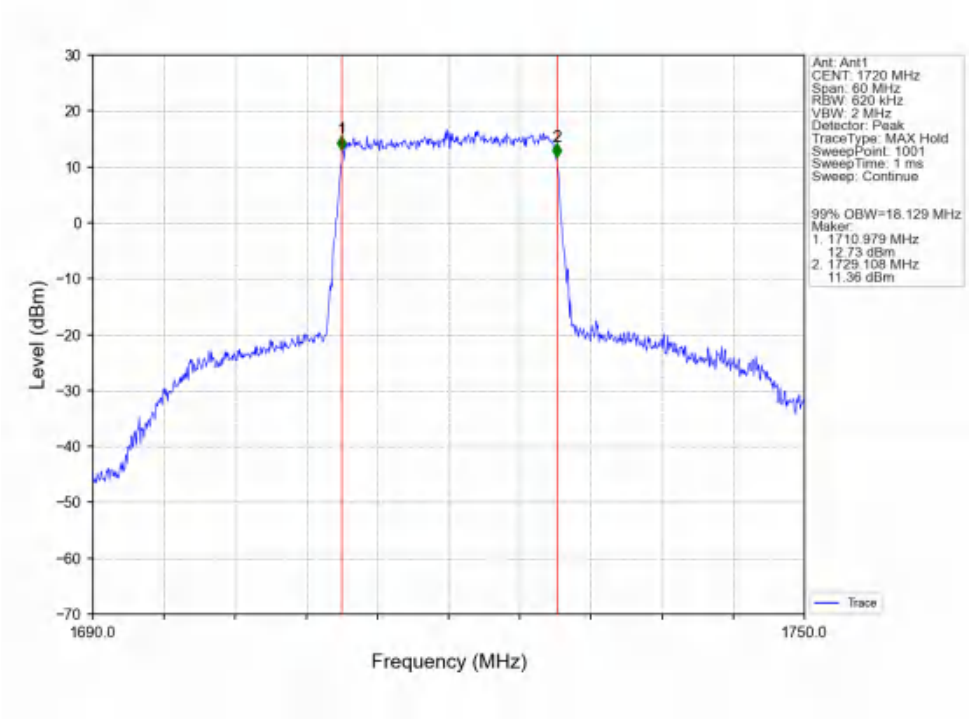
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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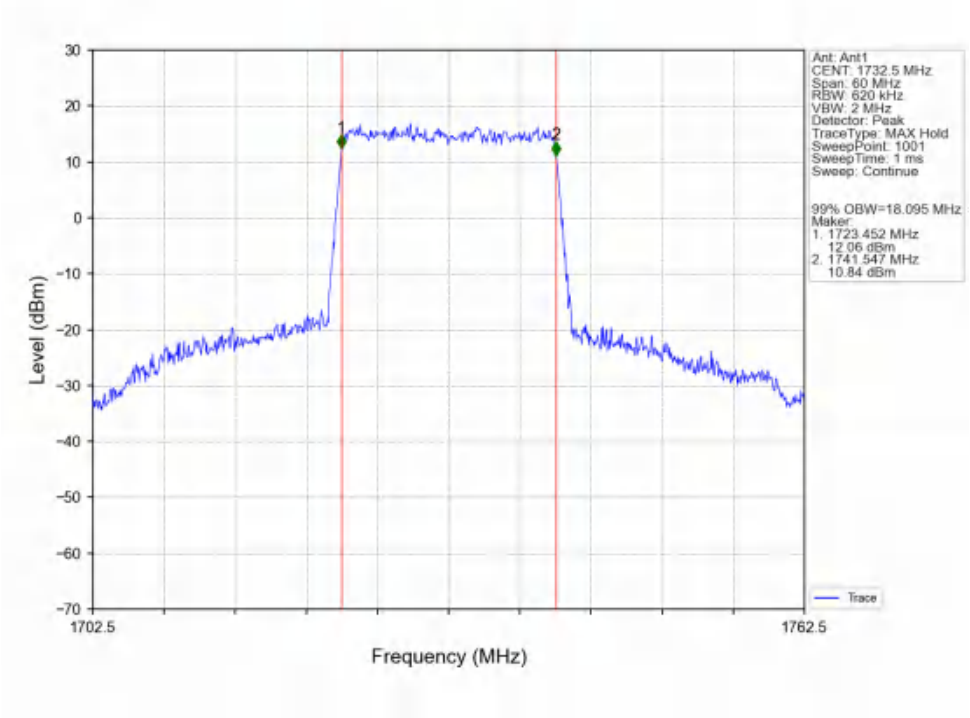
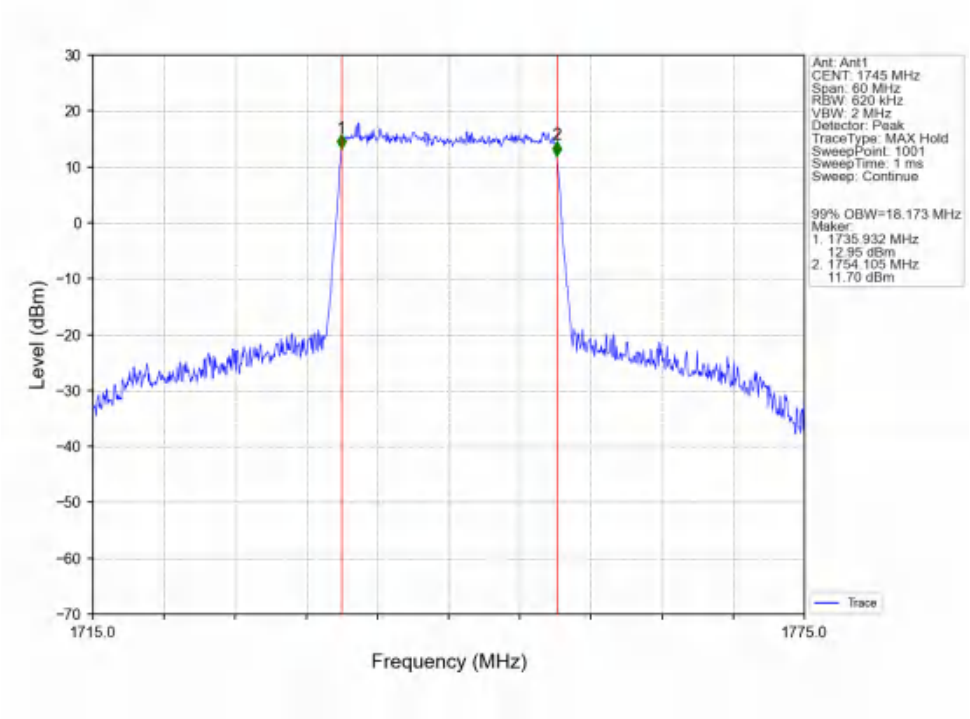
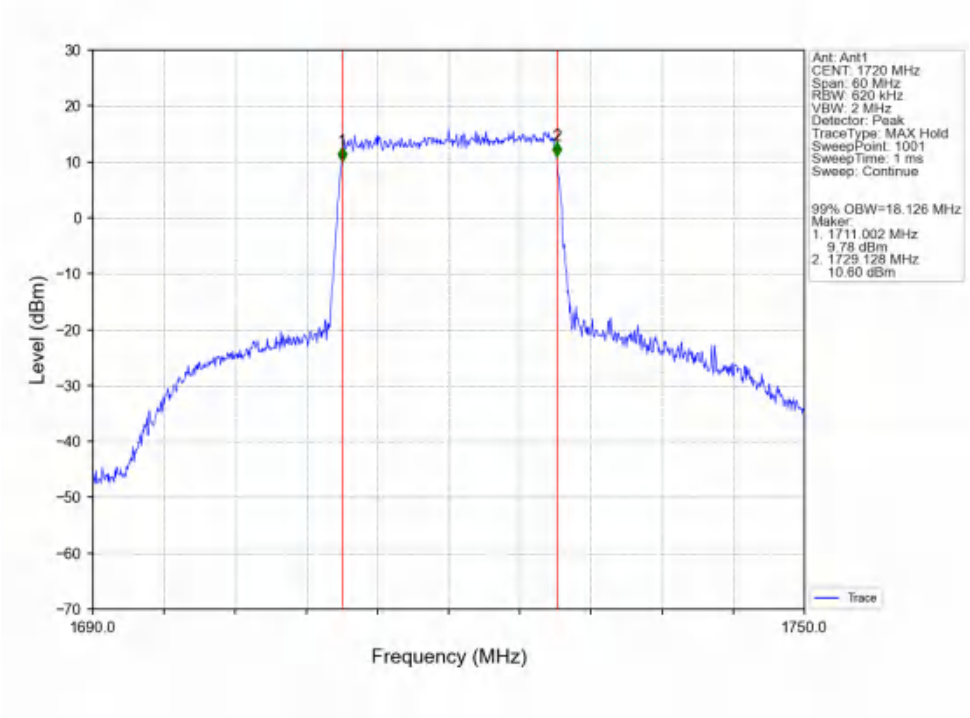


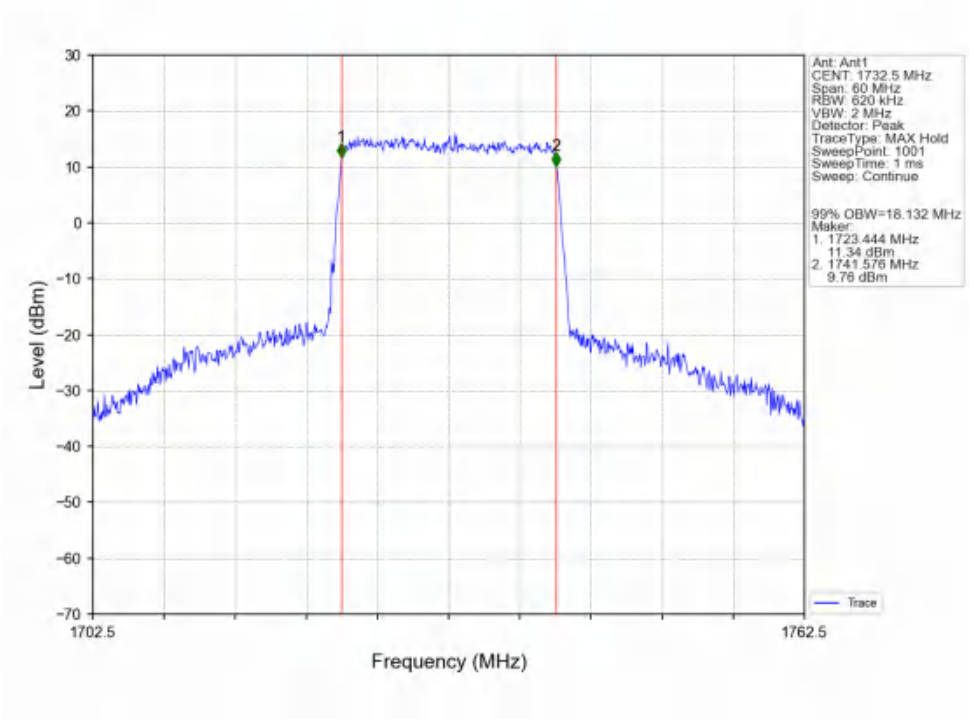
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



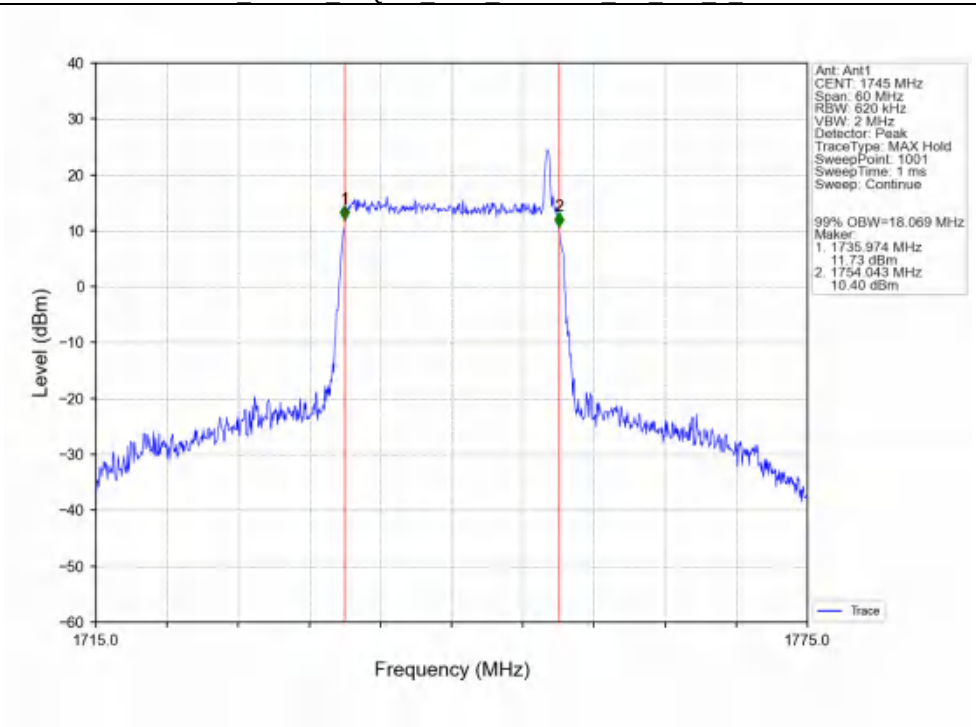
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

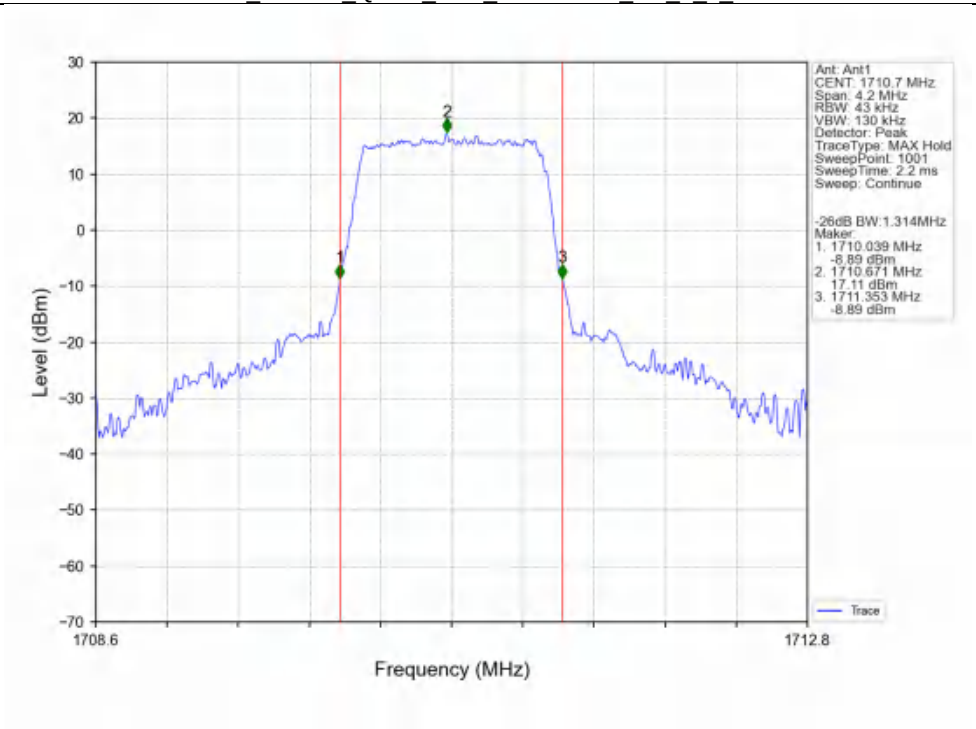


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

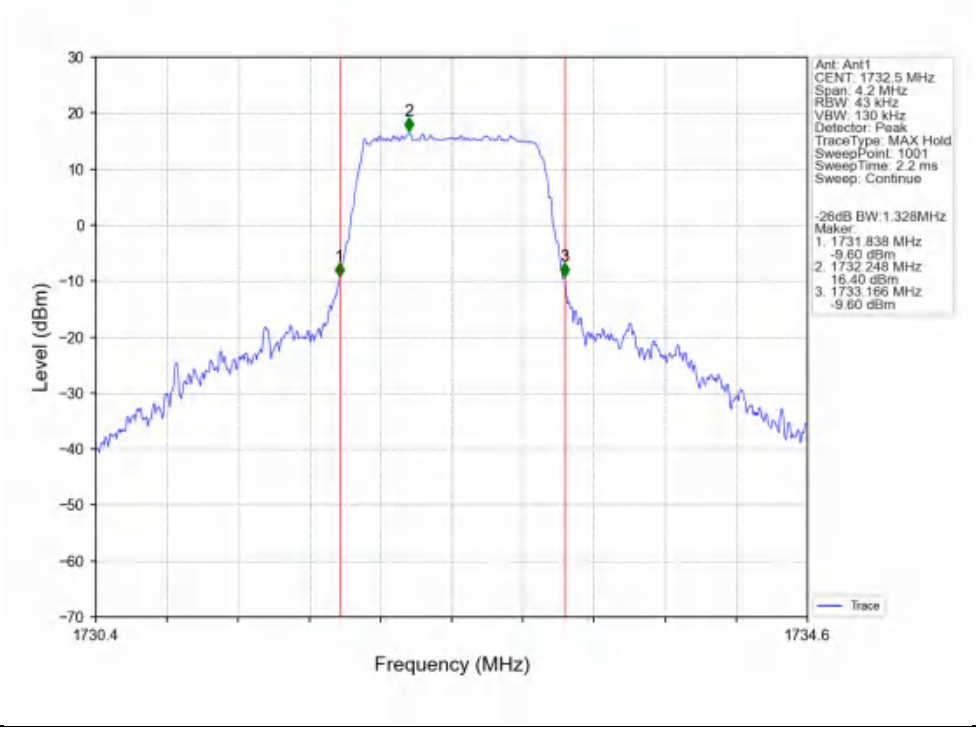


4.2.2 Band4_XDB

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



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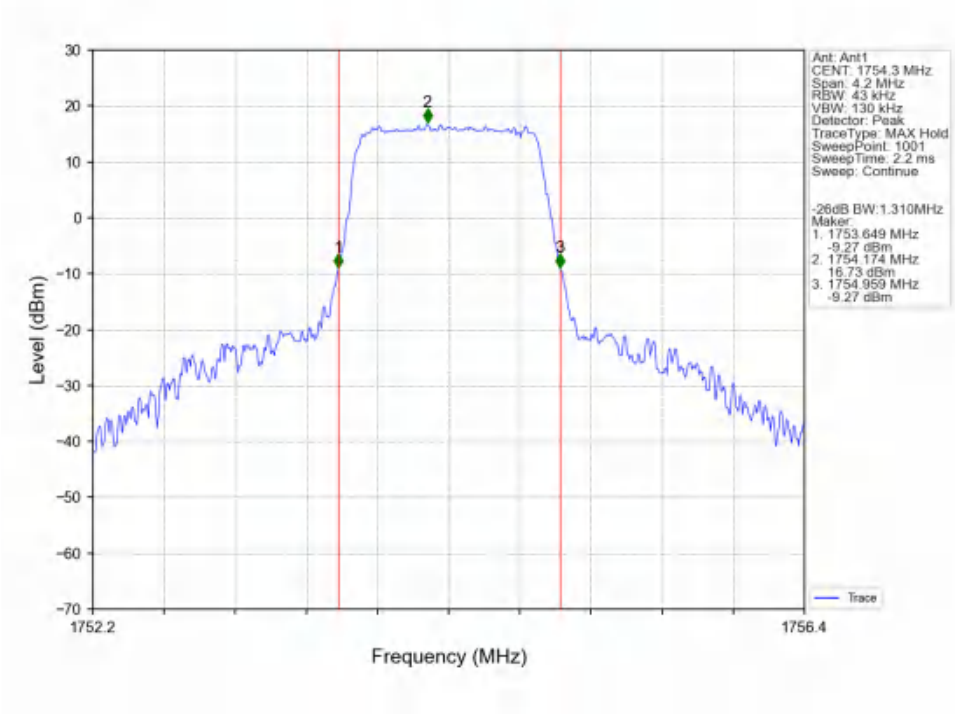
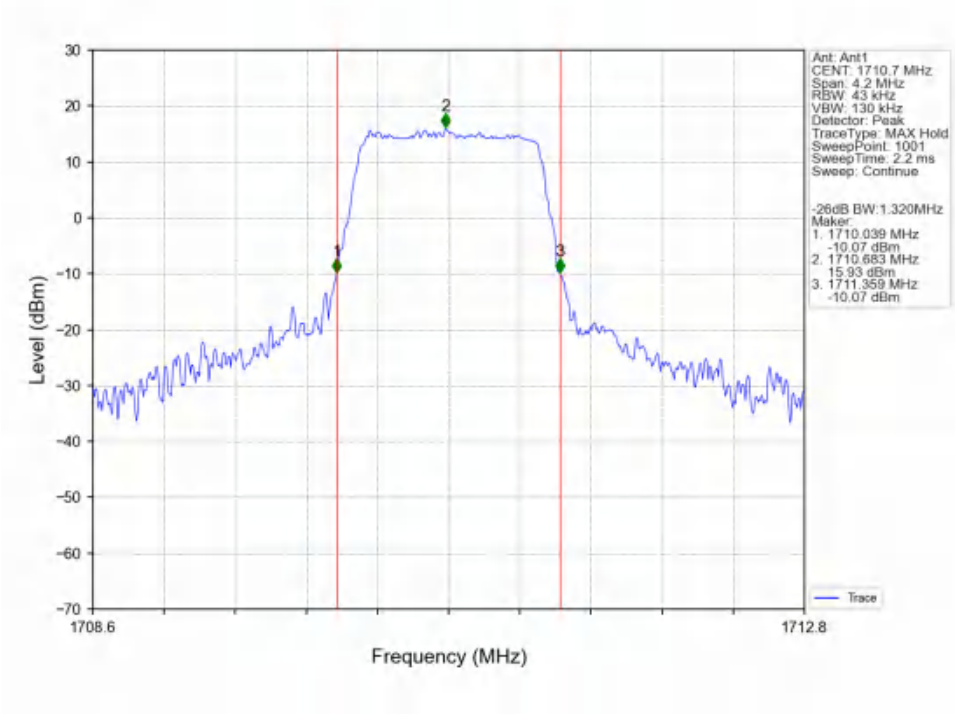
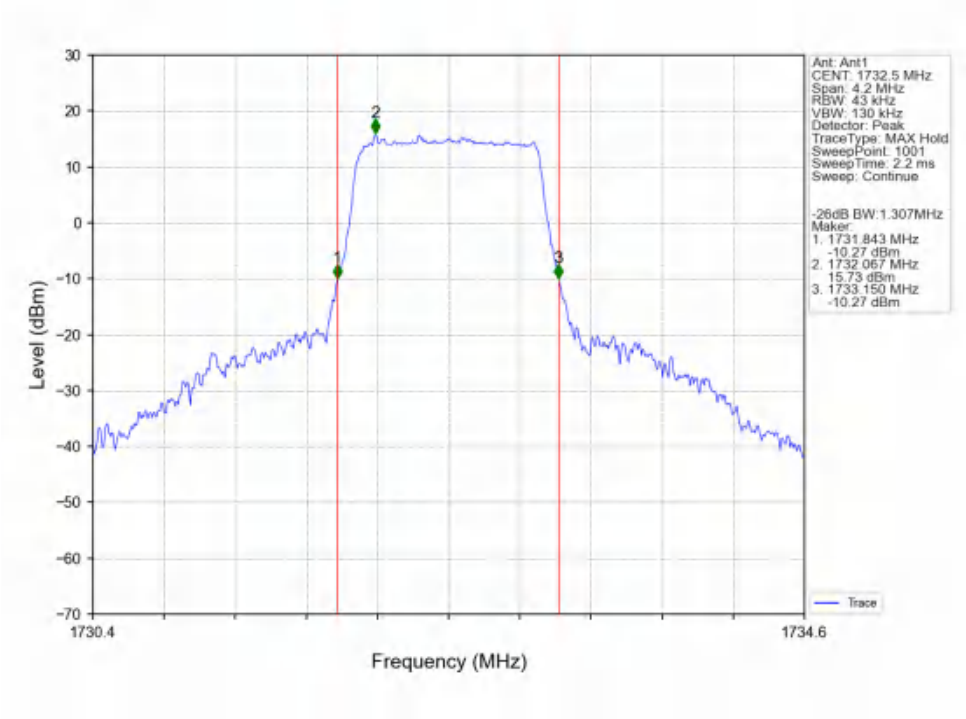


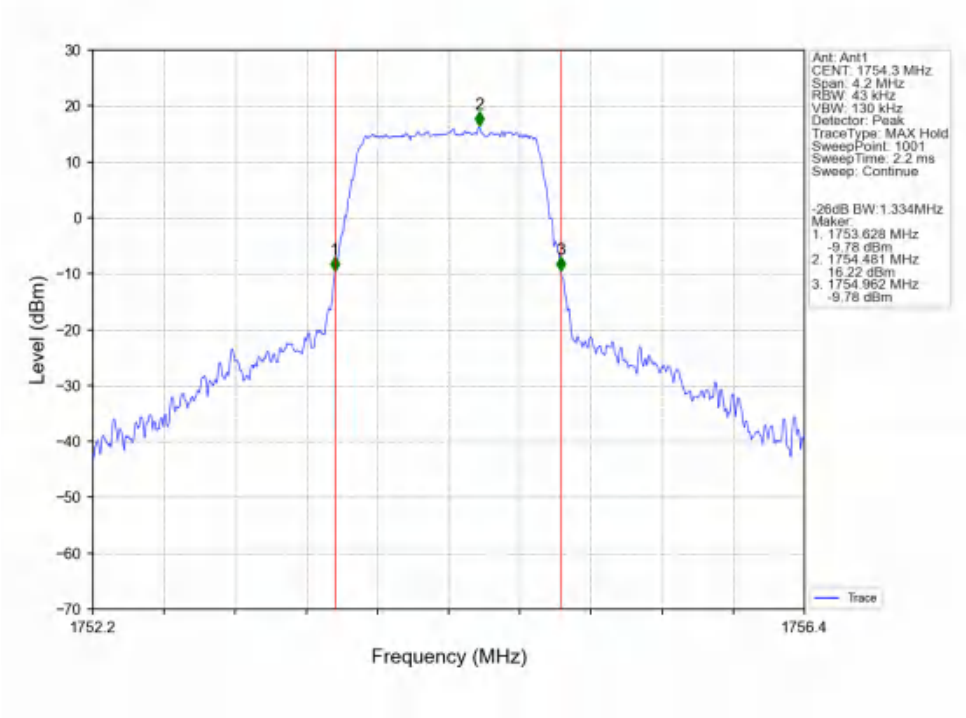
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



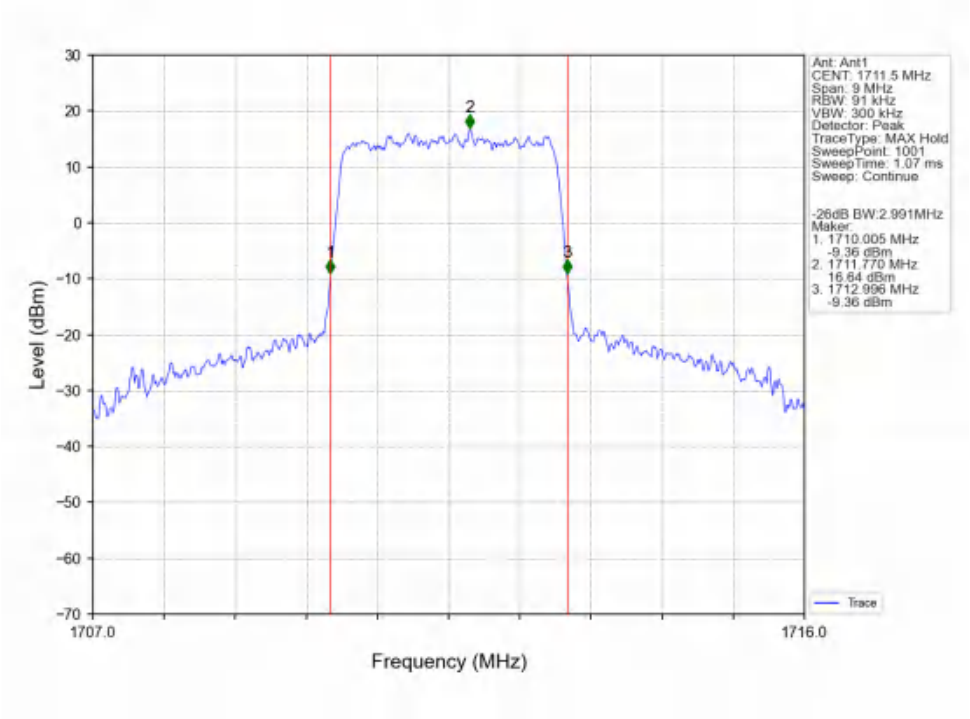
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



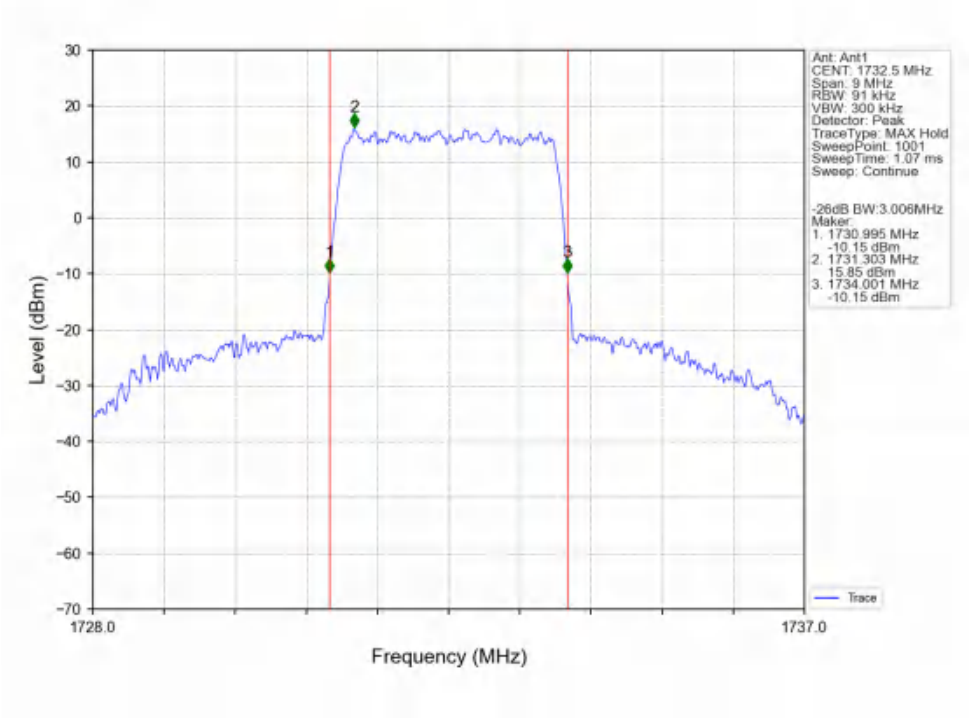
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



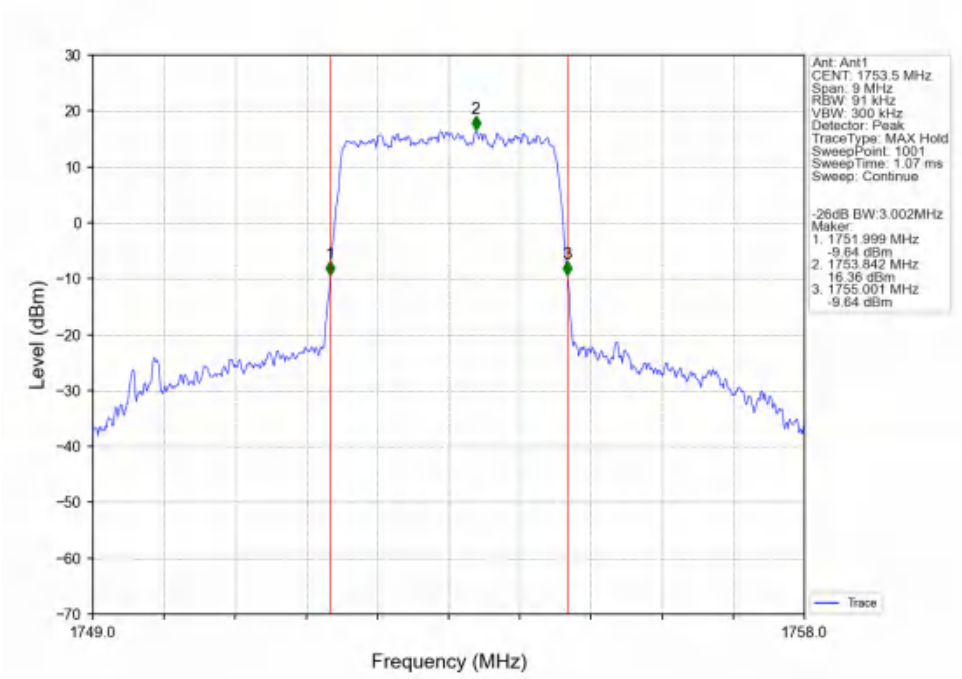
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



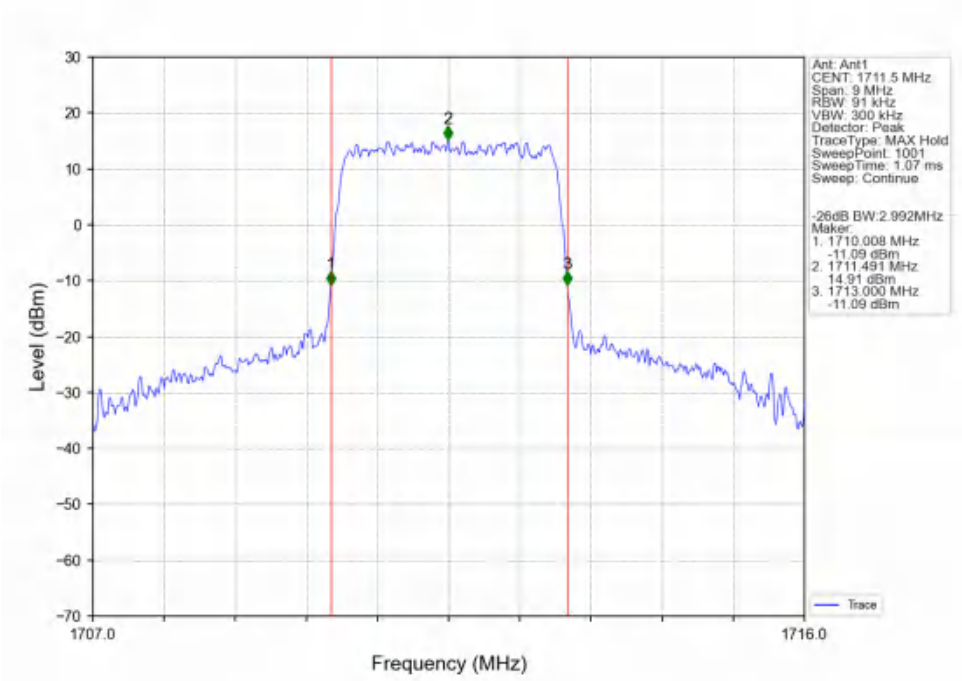
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



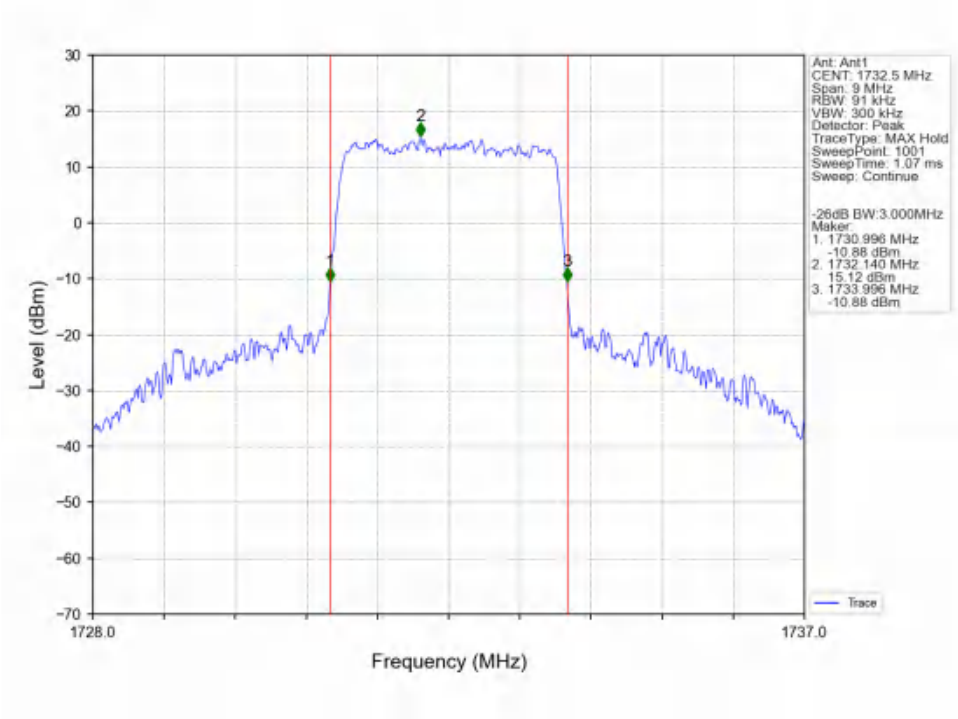
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



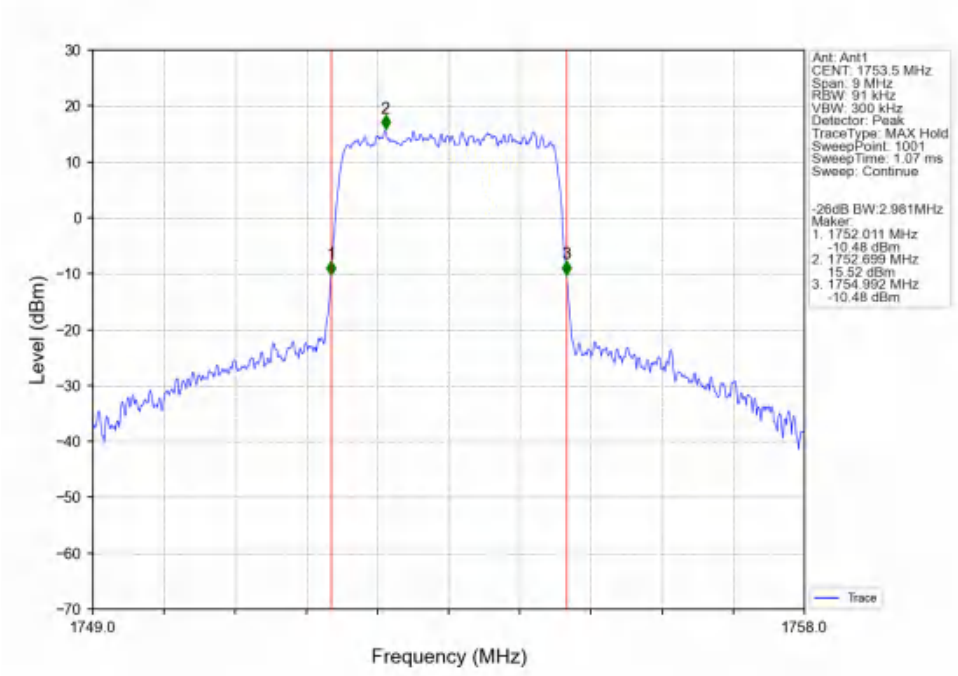
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



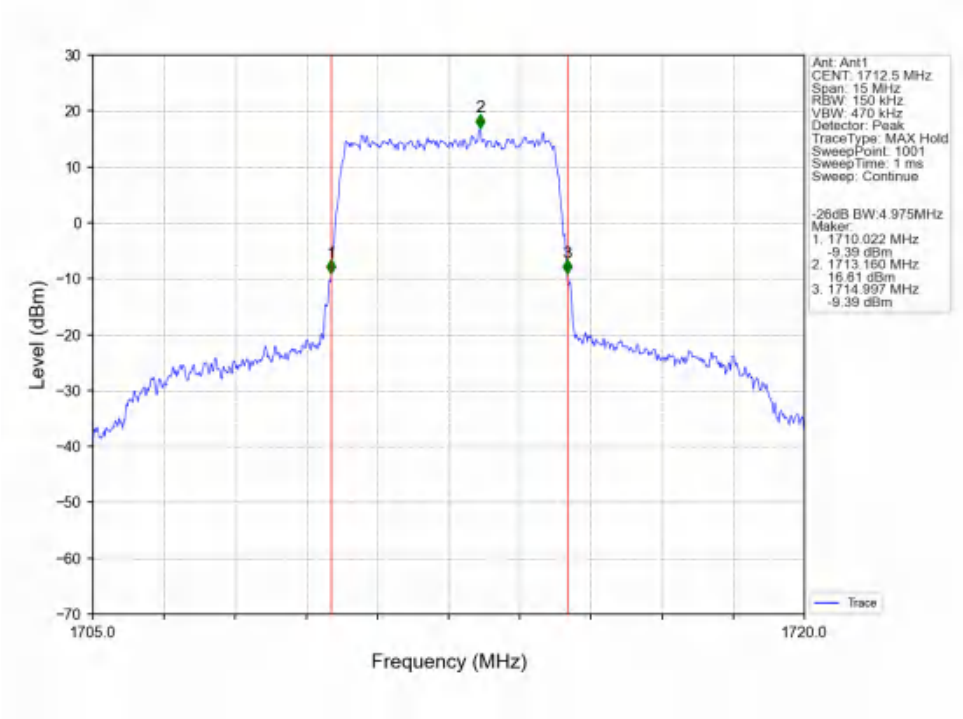
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



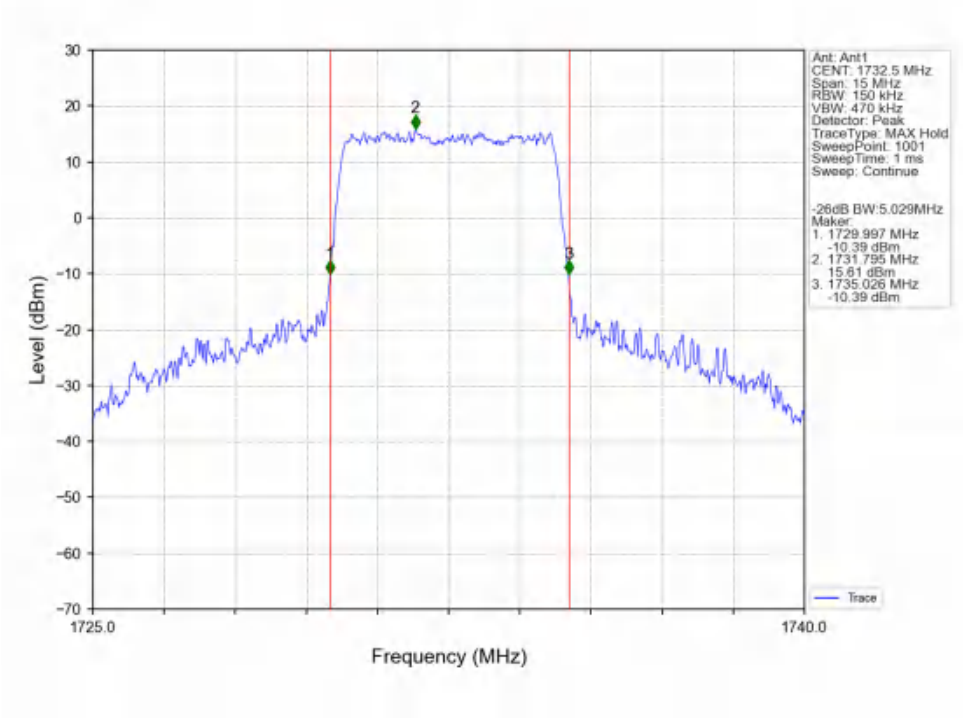
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



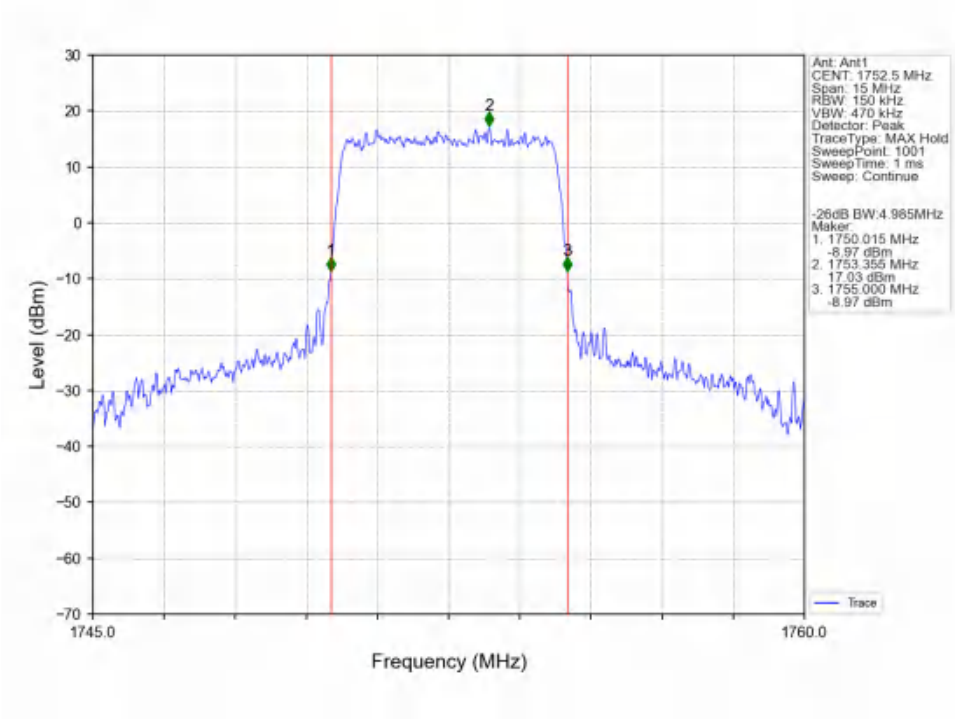
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



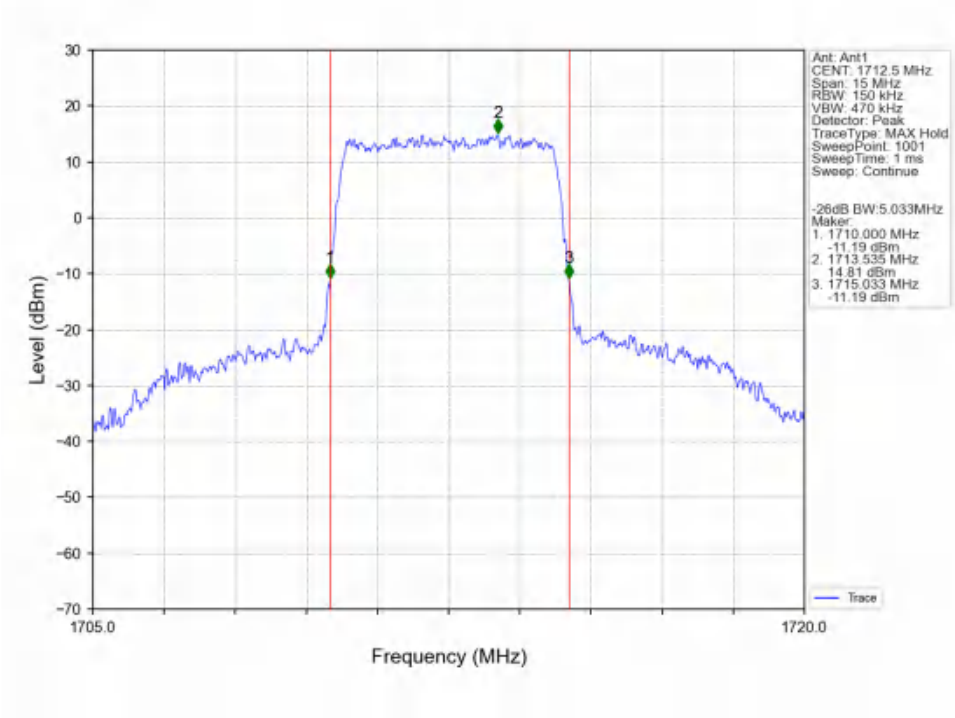
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



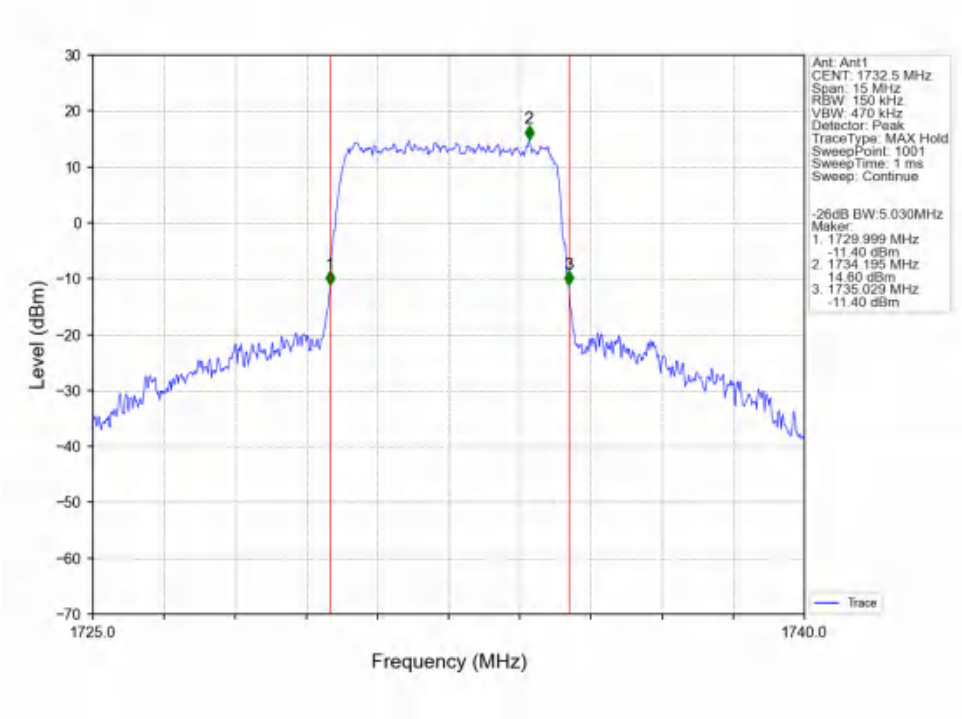
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



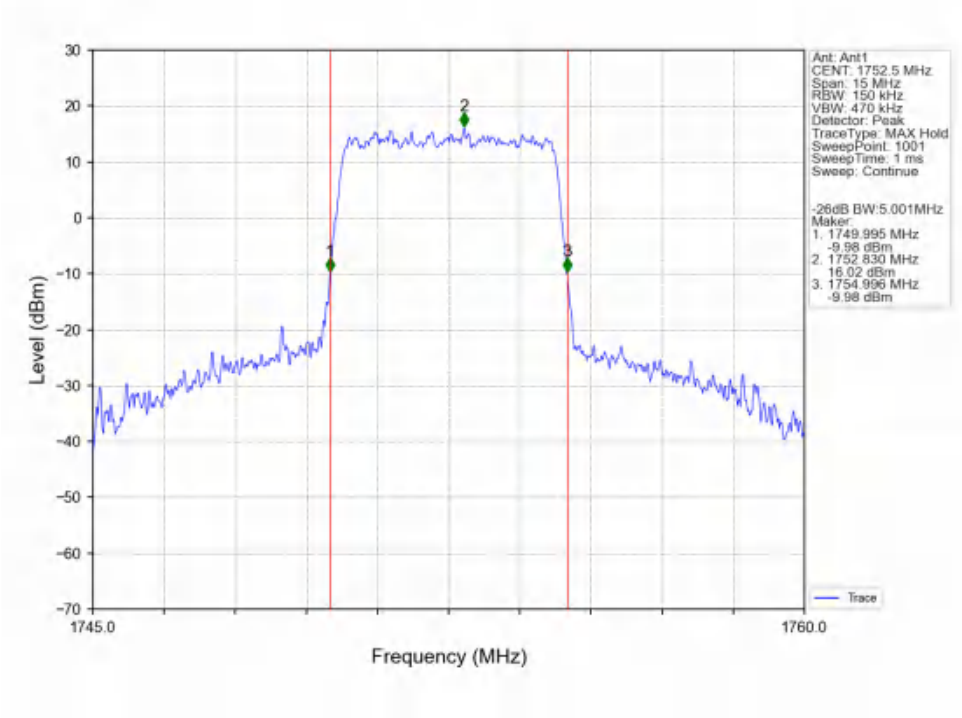
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



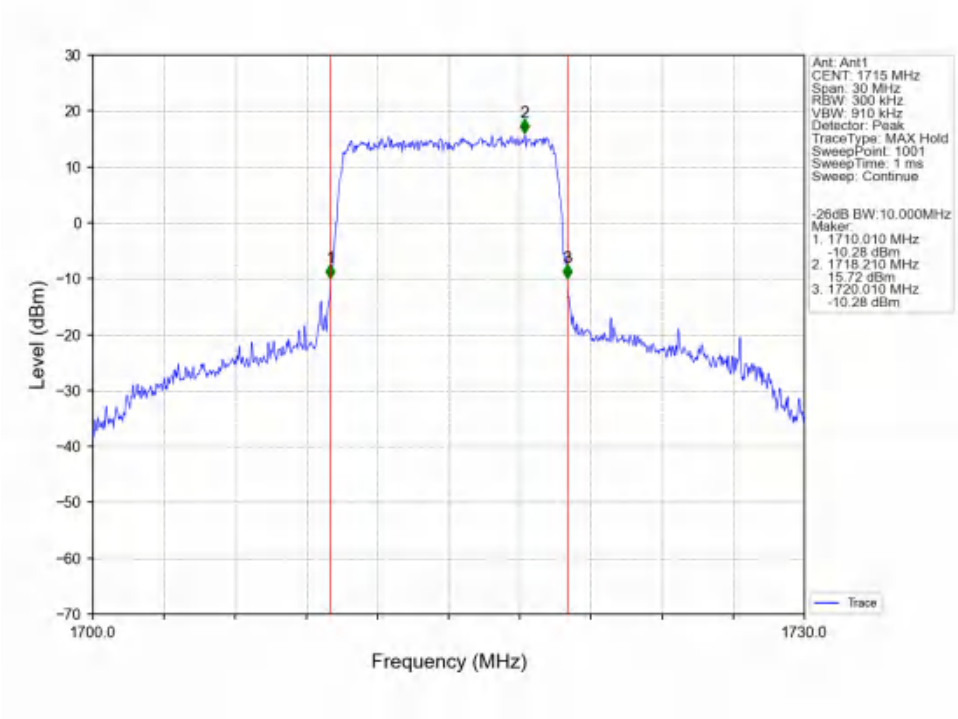
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



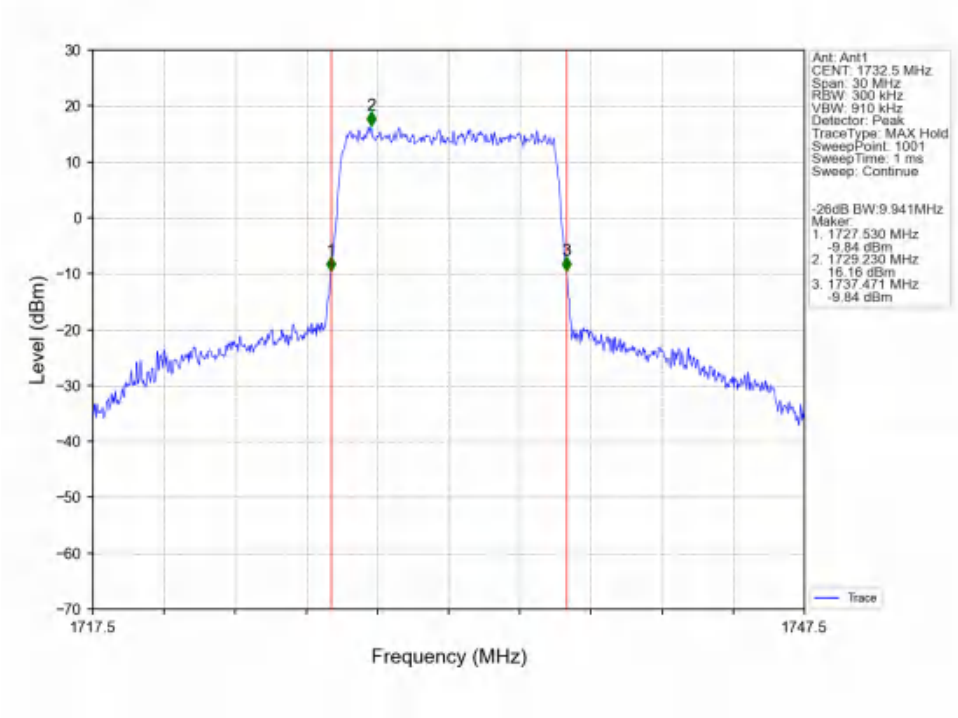
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



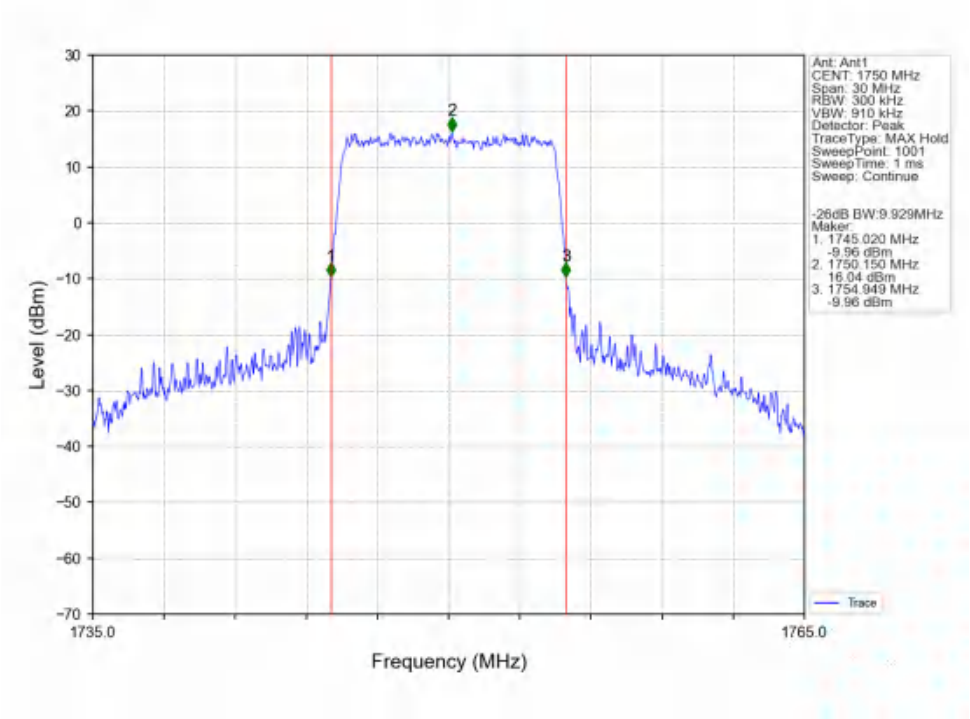
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



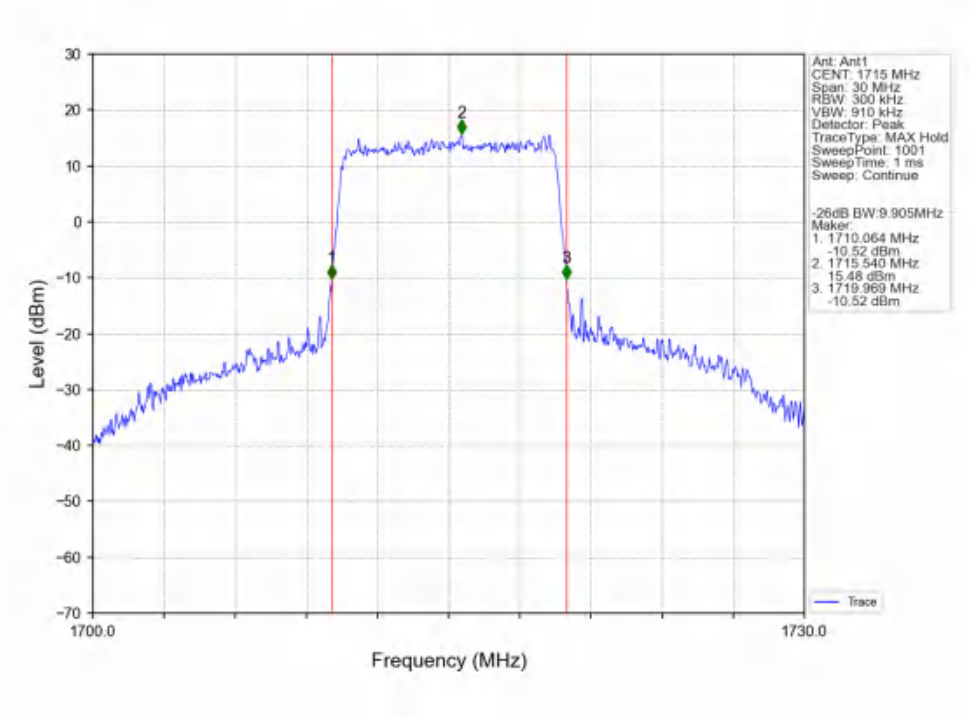
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



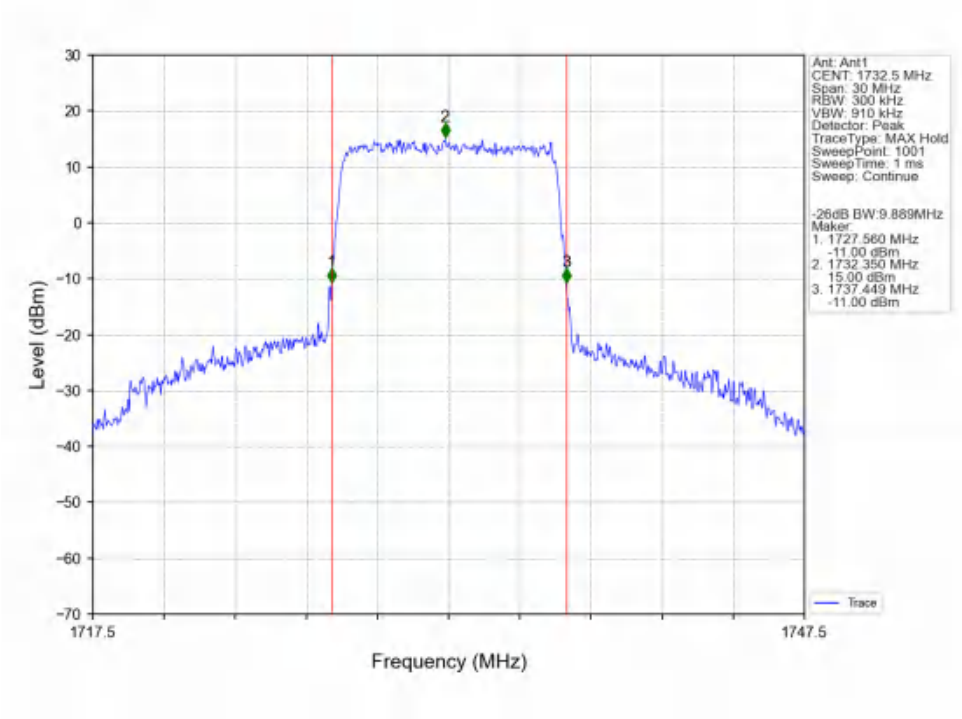
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



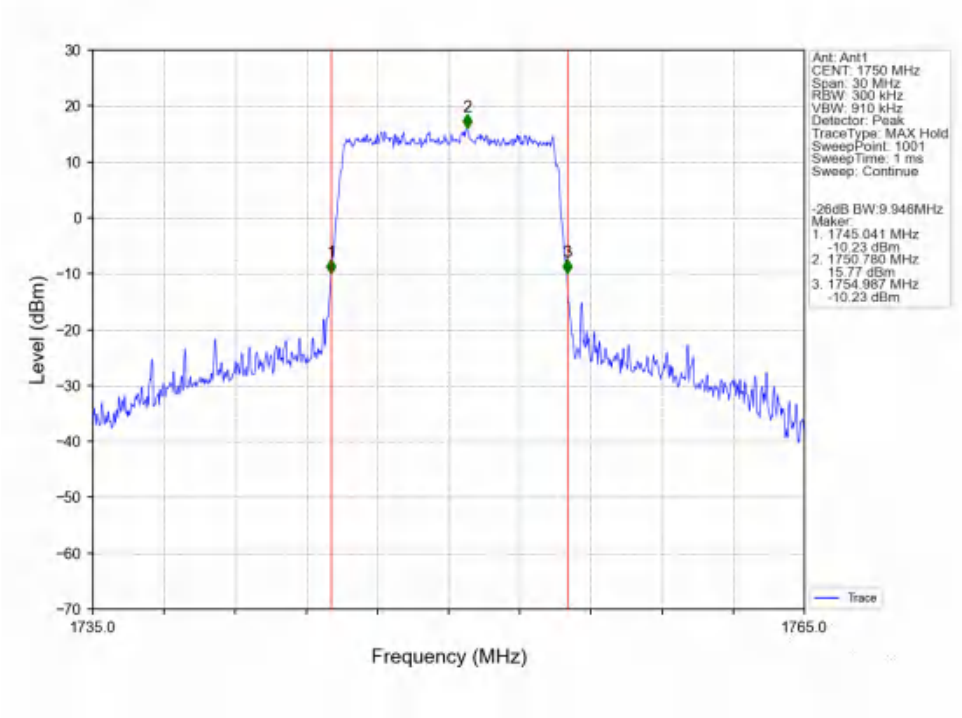
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



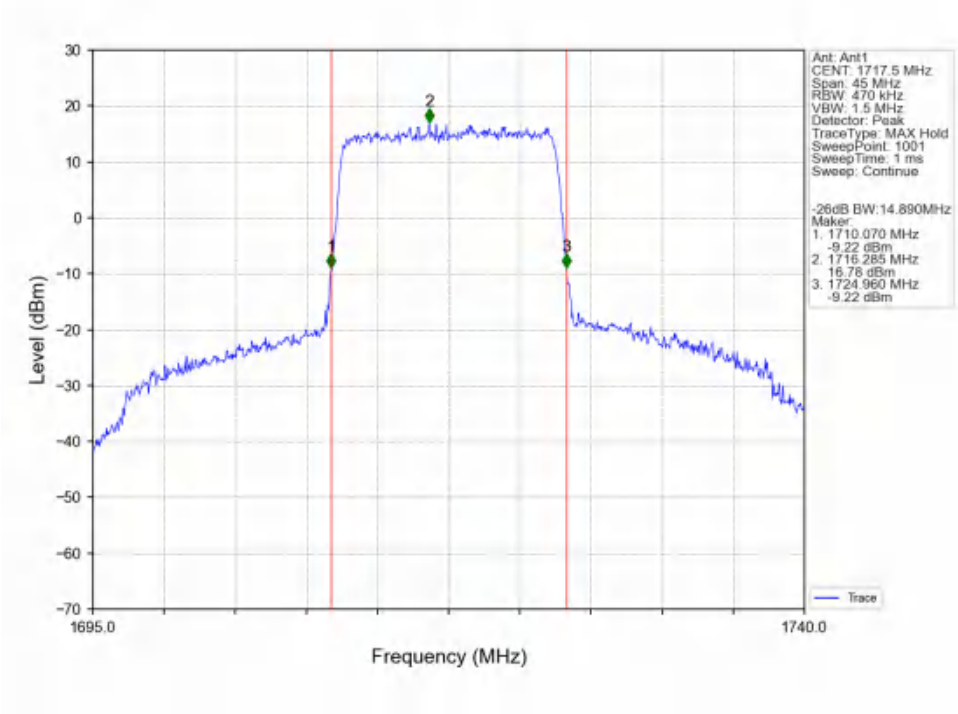
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



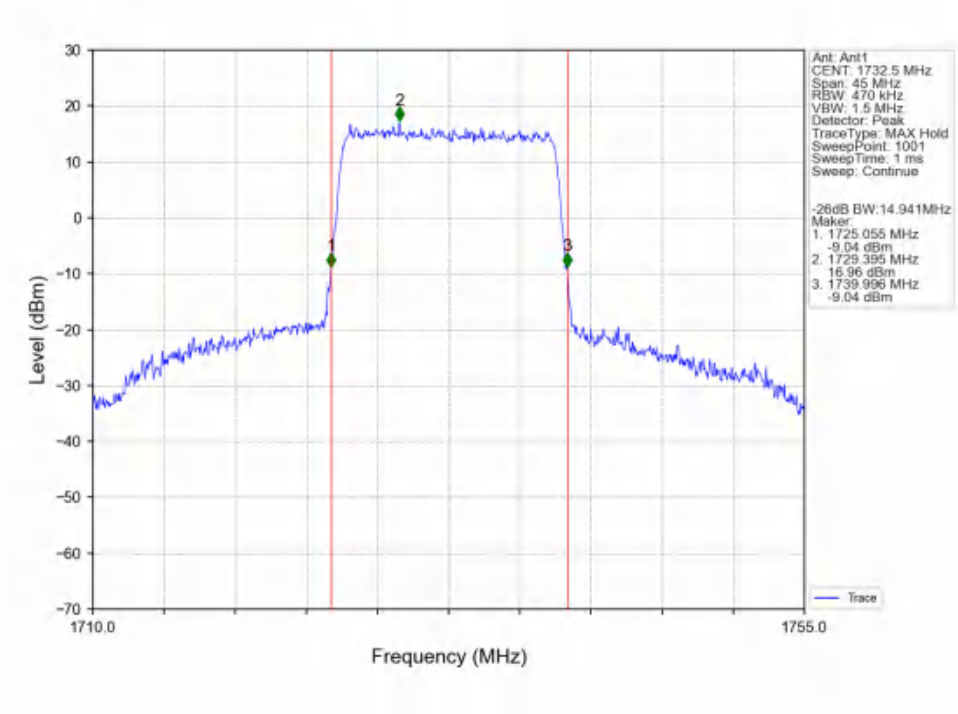
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



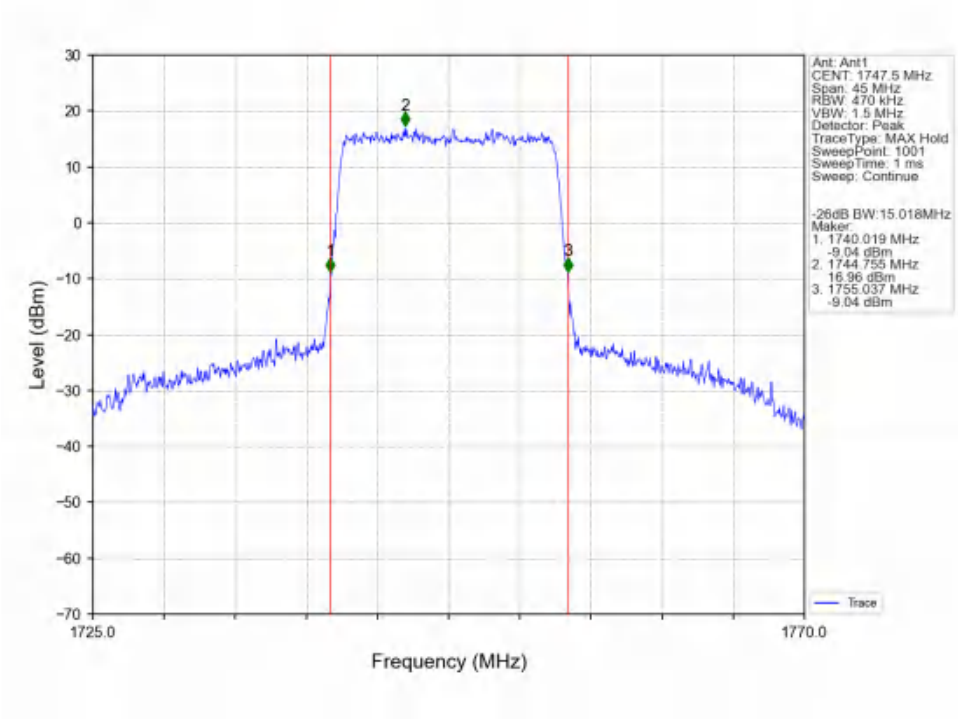
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



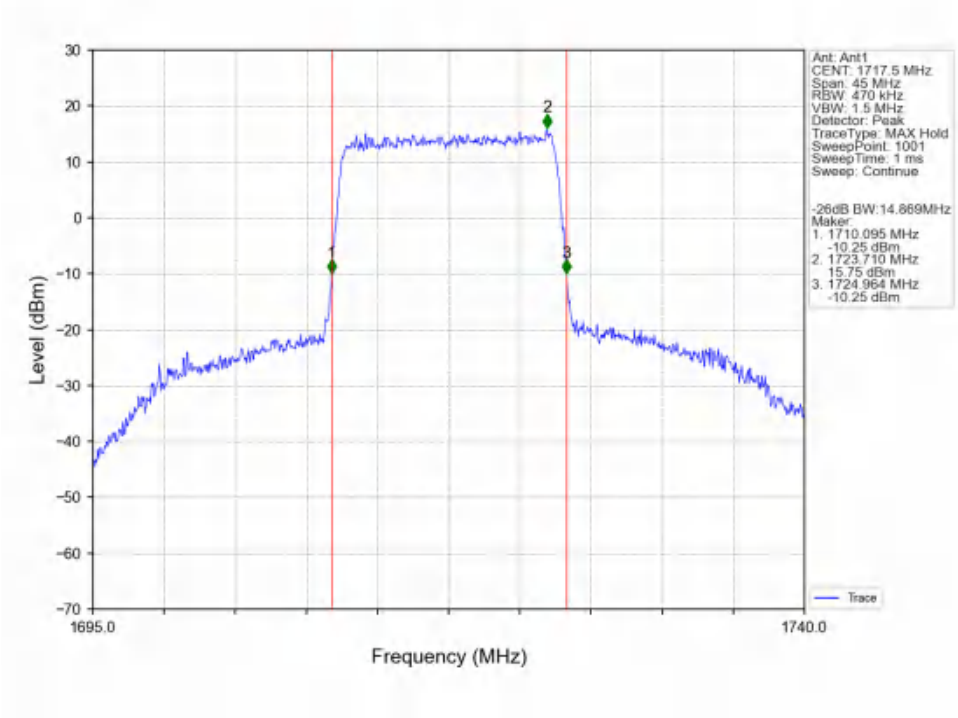
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



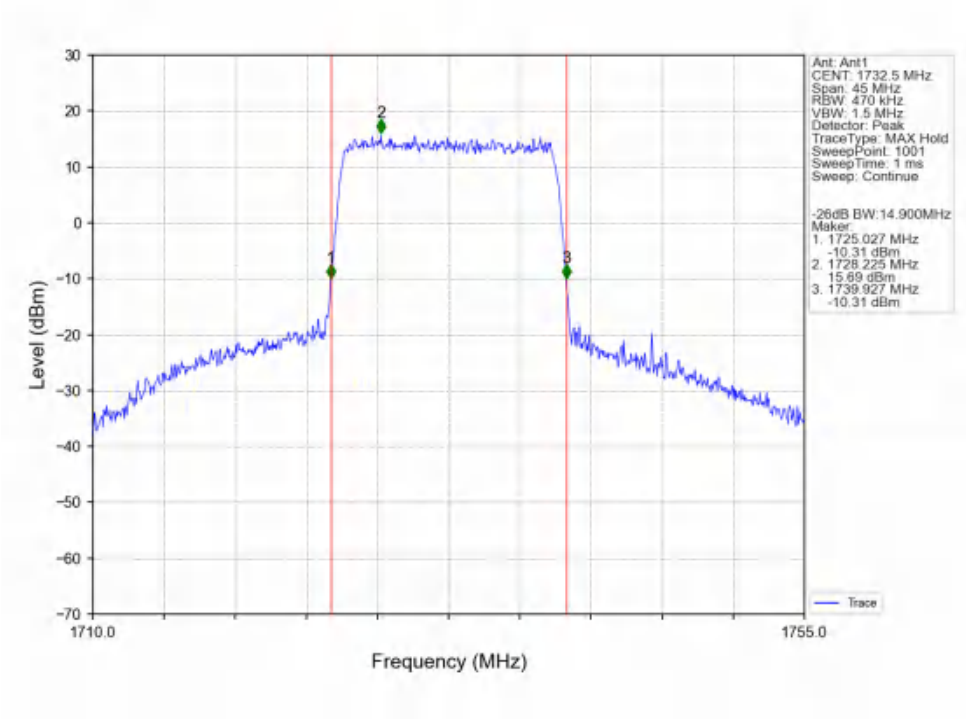
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



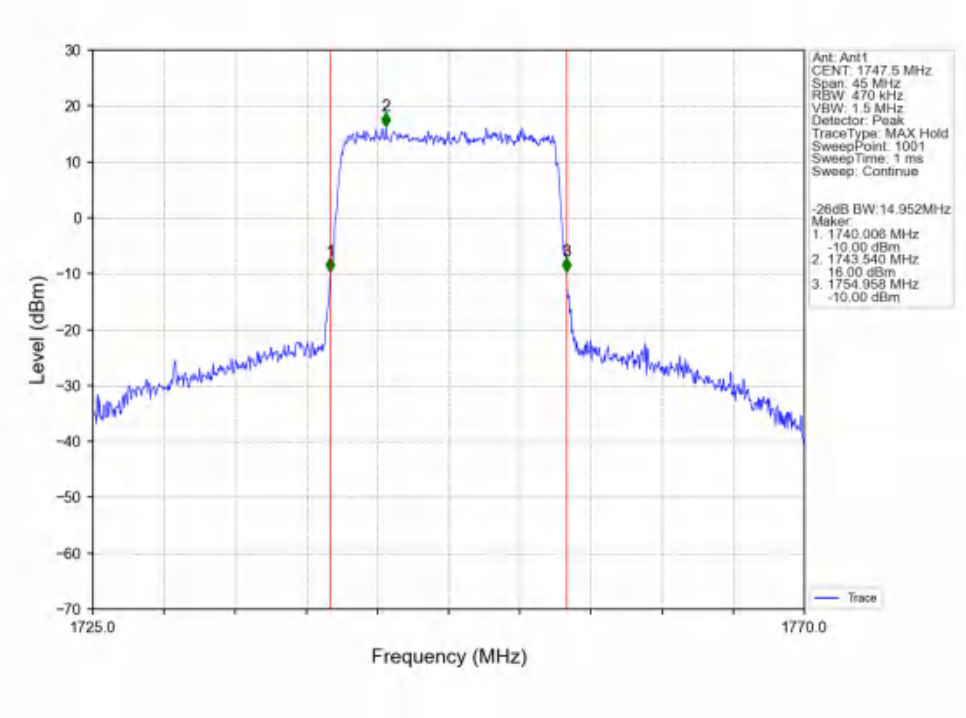
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



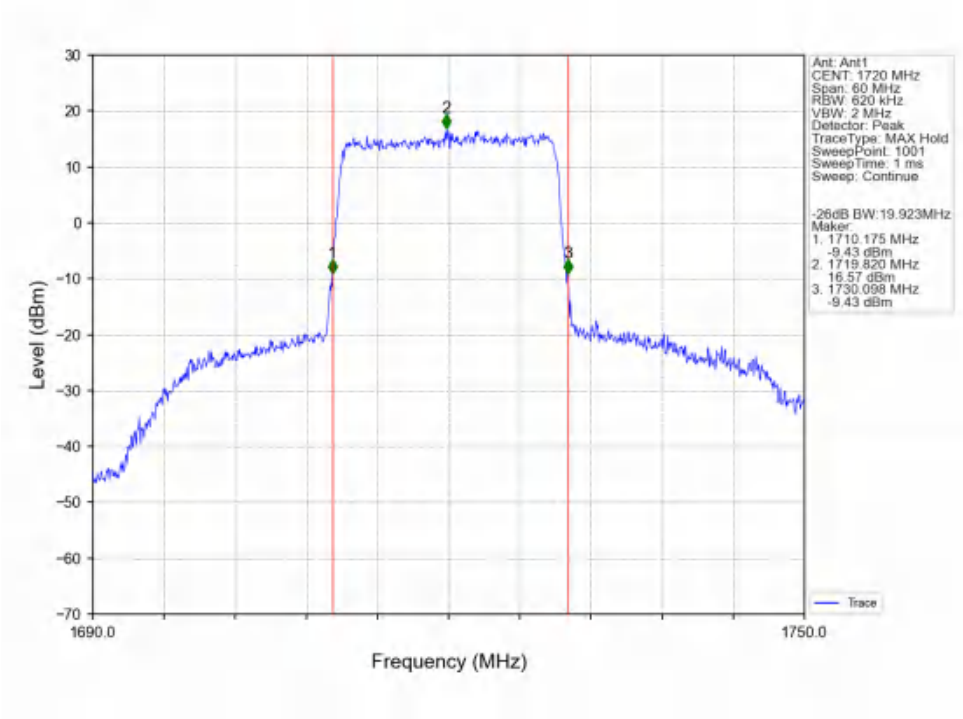
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



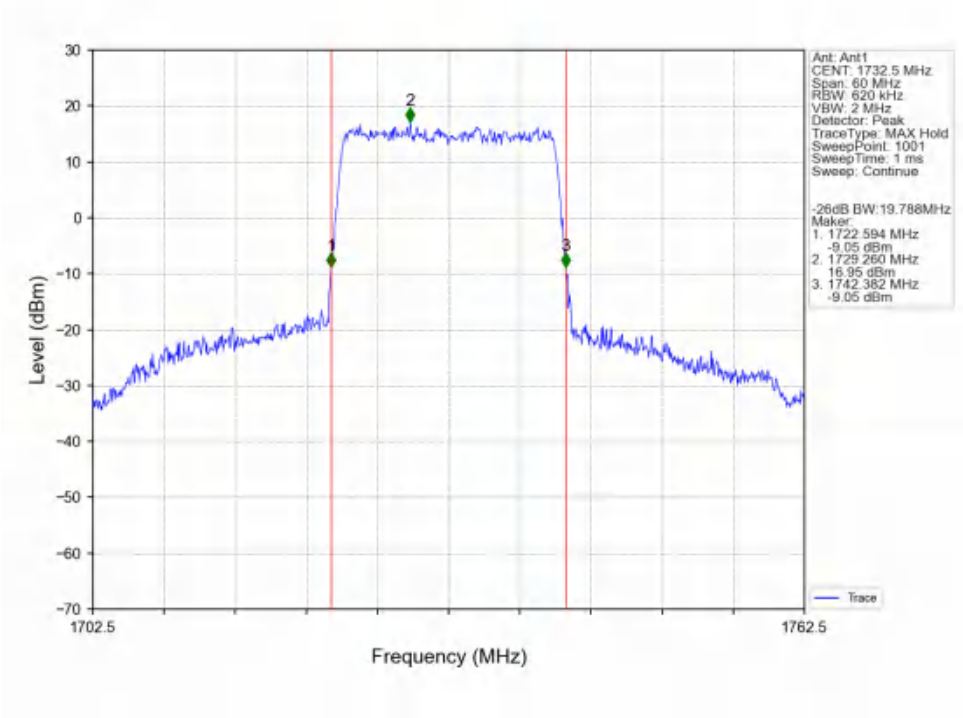
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



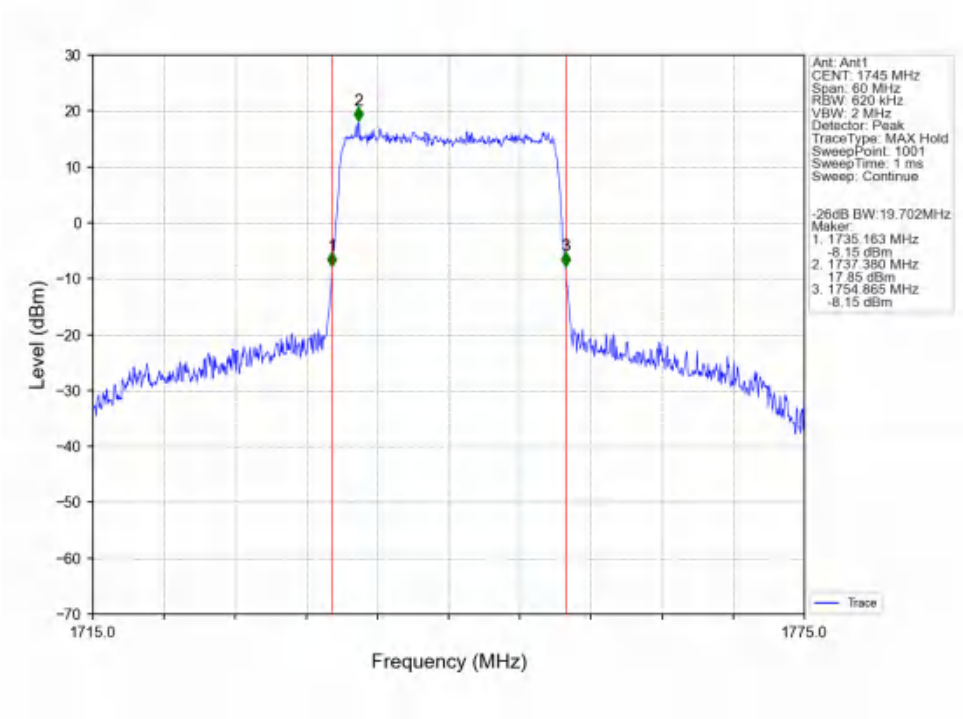
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



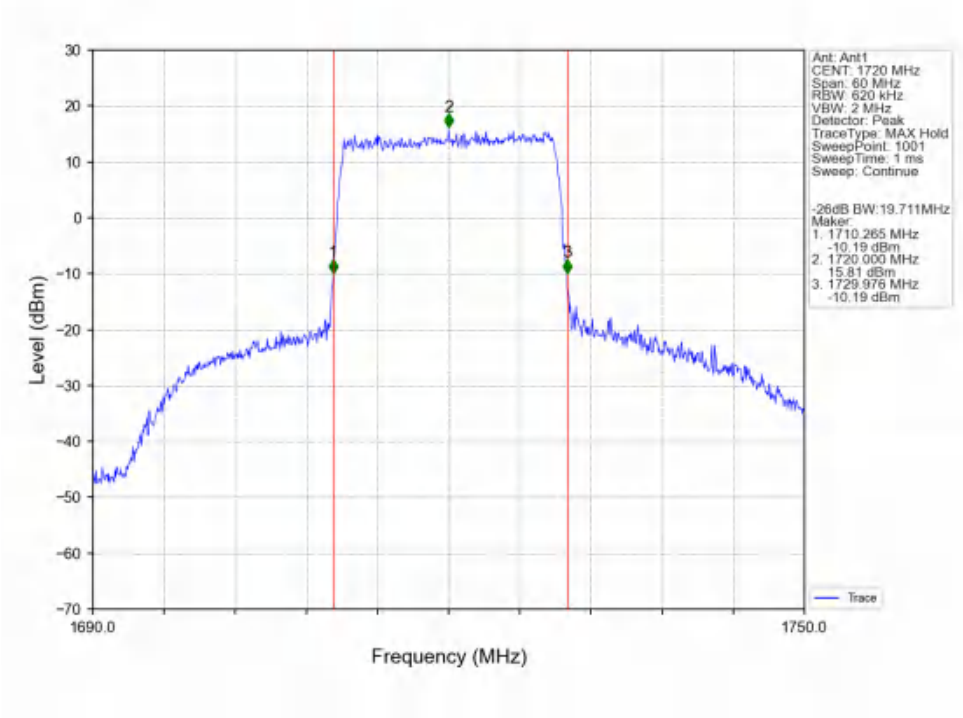
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



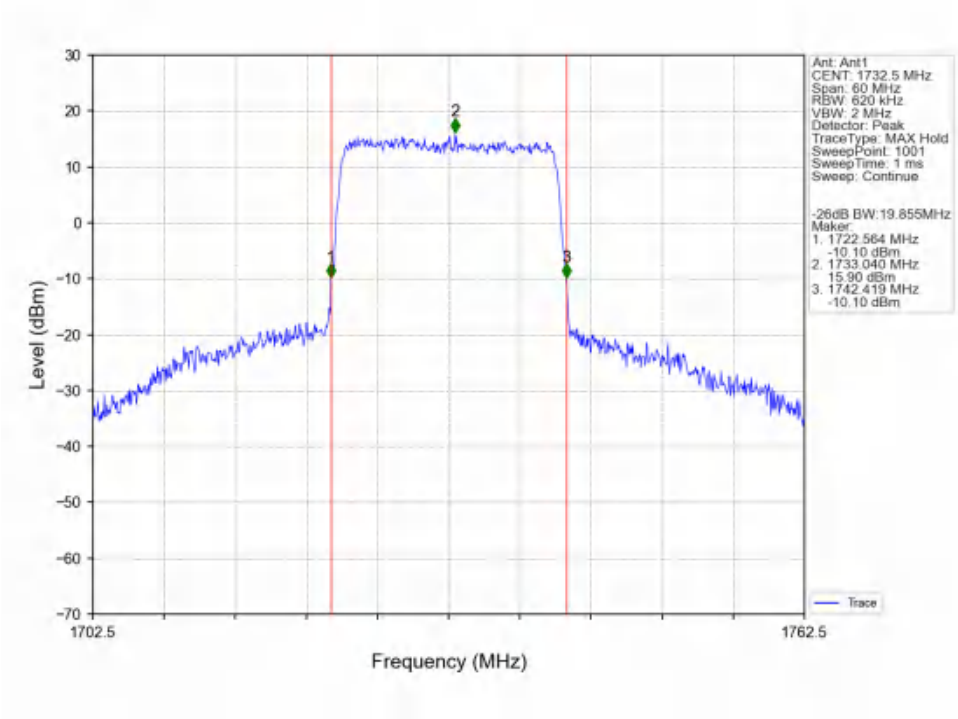
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



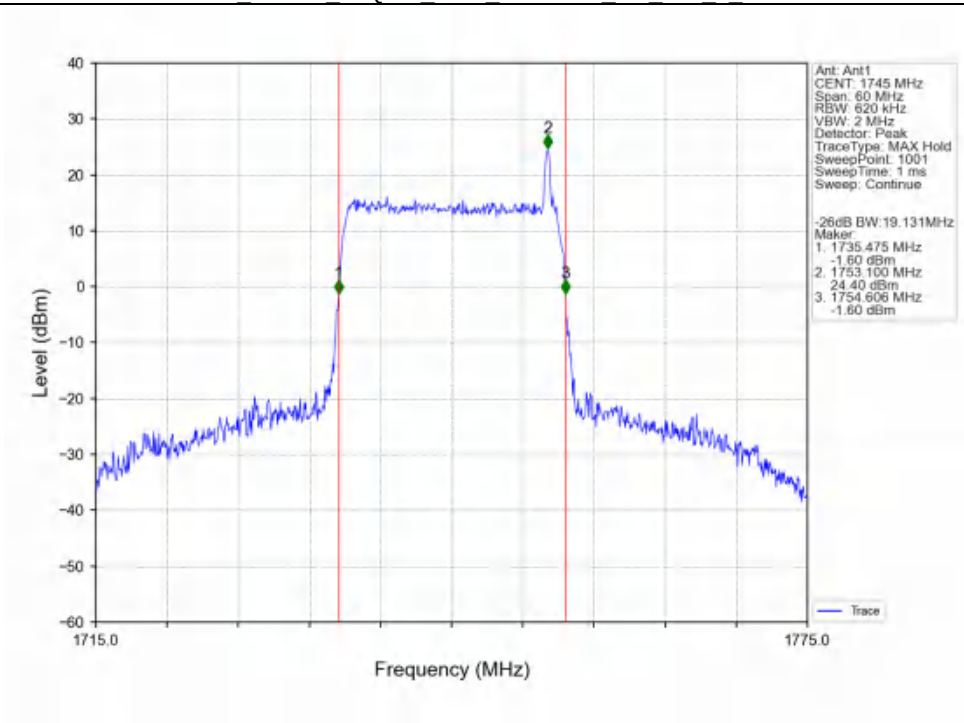
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.36	<=13	Pass
	1732.5	6	0	4.81	<=13	Pass
	1754.3	6	0	5.27	<=13	Pass
16QAM	1710.7	6	0	6.18	<=13	Pass
	1732.5	6	0	5.67	<=13	Pass
	1754.3	6	0	6.00	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.38	<=13	Pass
	1732.5	15	0	4.93	<=13	Pass
	1753.5	15	0	5.37	<=13	Pass
16QAM	1711.5	15	0	6.19	<=13	Pass
	1732.5	15	0	5.77	<=13	Pass
	1753.5	15	0	6.14	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.58	<=13	Pass
	1732.5	25	0	5.24	<=13	Pass
	1752.5	25	0	5.55	<=13	Pass
16QAM	1712.5	25	0	6.31	<=13	Pass
	1732.5	25	0	5.91	<=13	Pass
	1752.5	25	0	6.17	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.47	<=13	Pass
	1732.5	50	0	5.25	<=13	Pass
	1750	50	0	5.57	<=13	Pass
16QAM	1715	50	0	6.24	<=13	Pass
	1732.5	50	0	5.98	<=13	Pass

	1750	50	0	6.26	<=13	Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.53	<=13	Pass
	1732.5	75	0	5.36	<=13	Pass
	1747.5	75	0	5.73	<=13	Pass
16QAM	1717.5	75	0	6.10	<=13	Pass
	1732.5	75	0	5.95	<=13	Pass
	1747.5	75	0	6.21	<=13	Pass

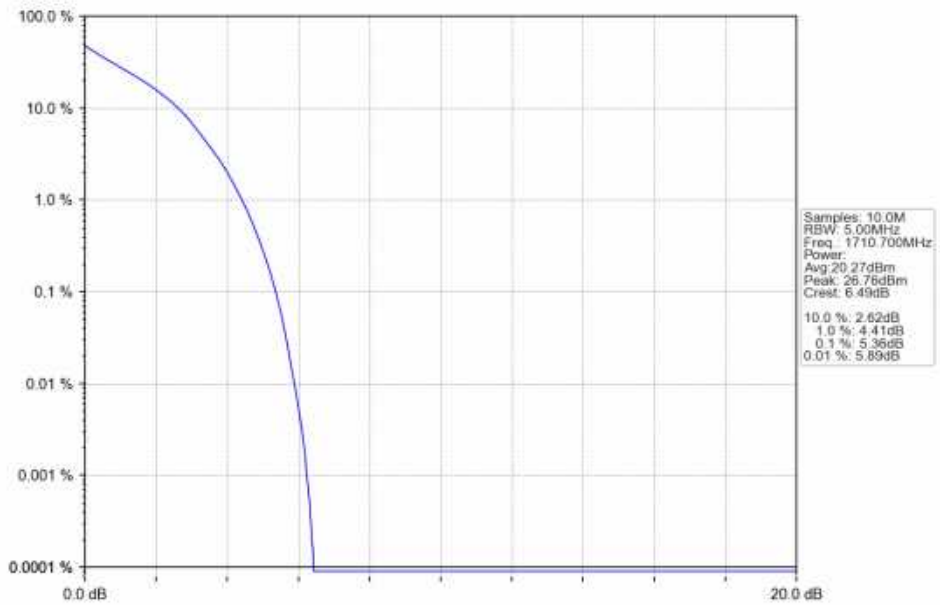
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.41	<=13	Pass
	1732.5	100	0	5.29	<=13	Pass
	1745	100	0	5.55	<=13	Pass
16QAM	1720	100	0	6.09	<=13	Pass
	1732.5	100	0	6.01	<=13	Pass
	1745	100	0	6.25	<=13	Pass

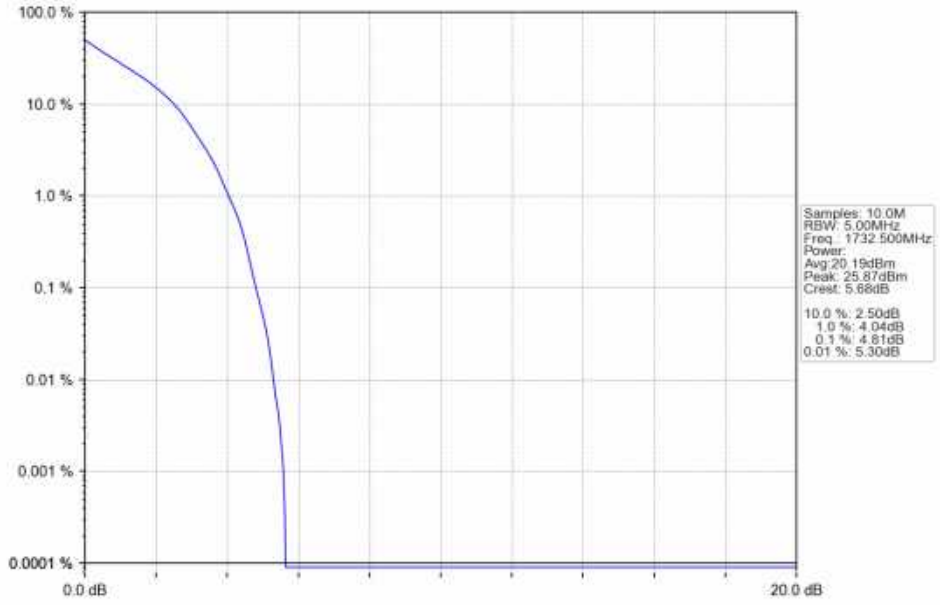
5.2 Test Graph

5.2.1 B4_1.4MHz

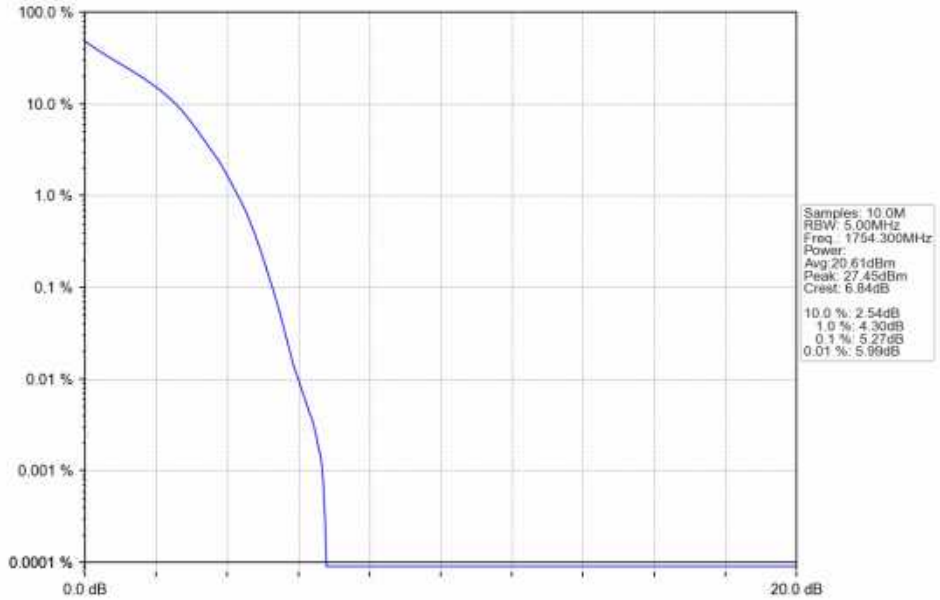
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



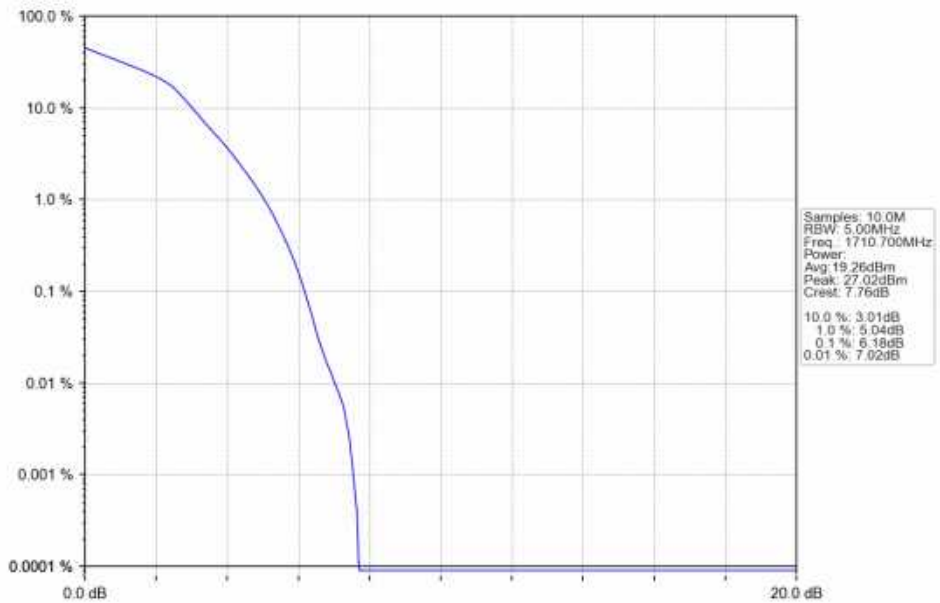
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



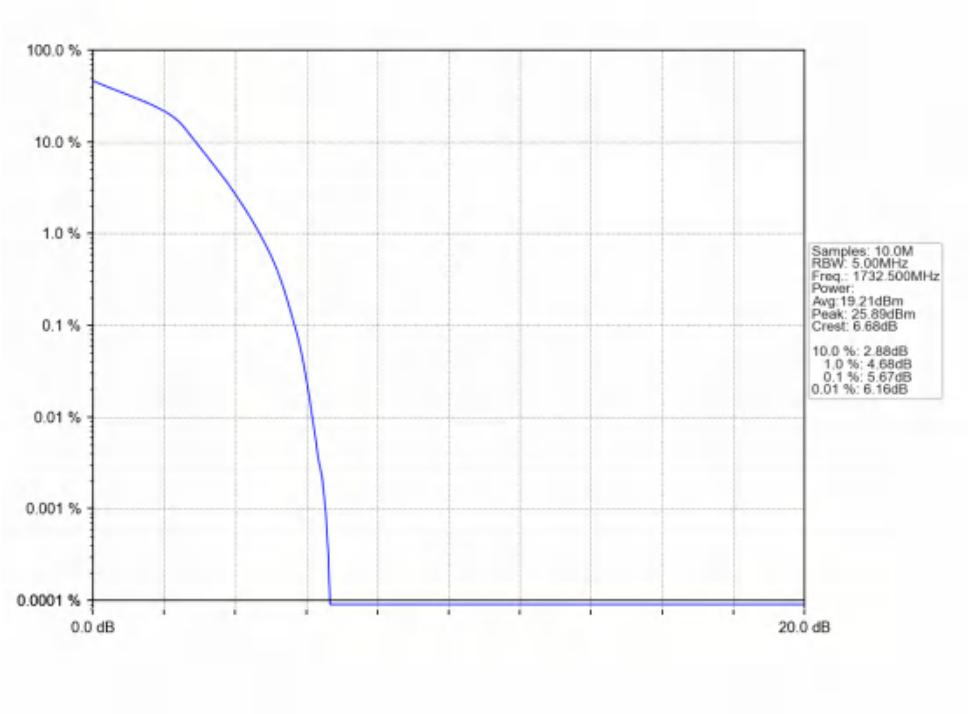
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



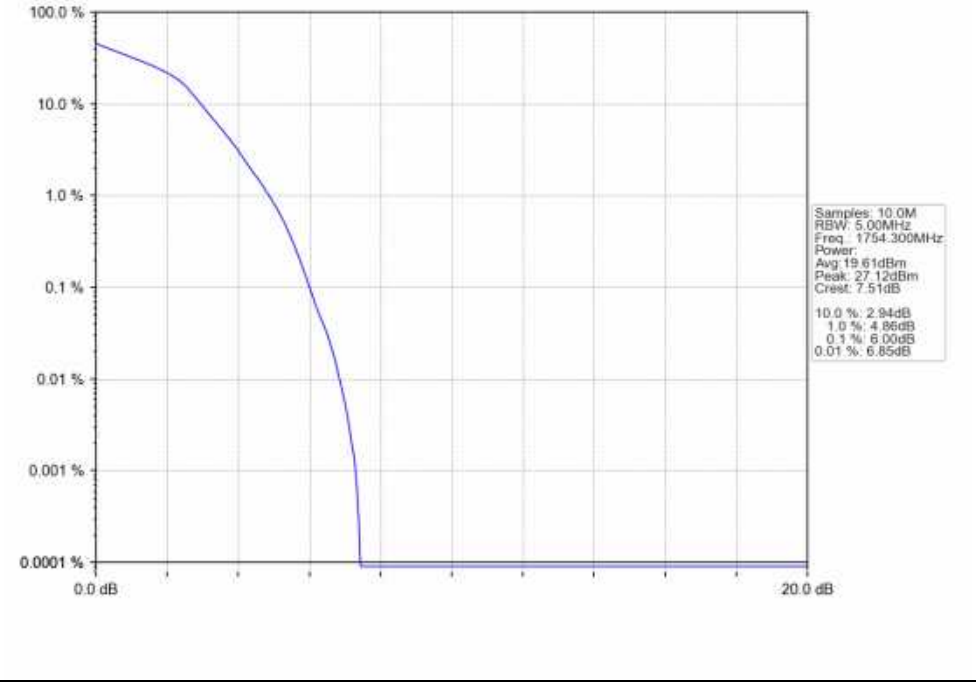
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



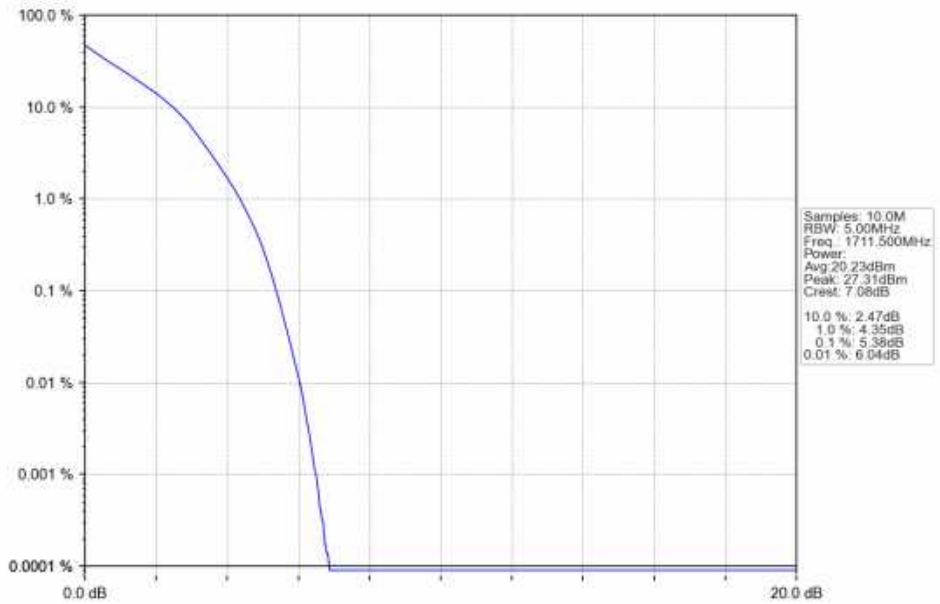
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

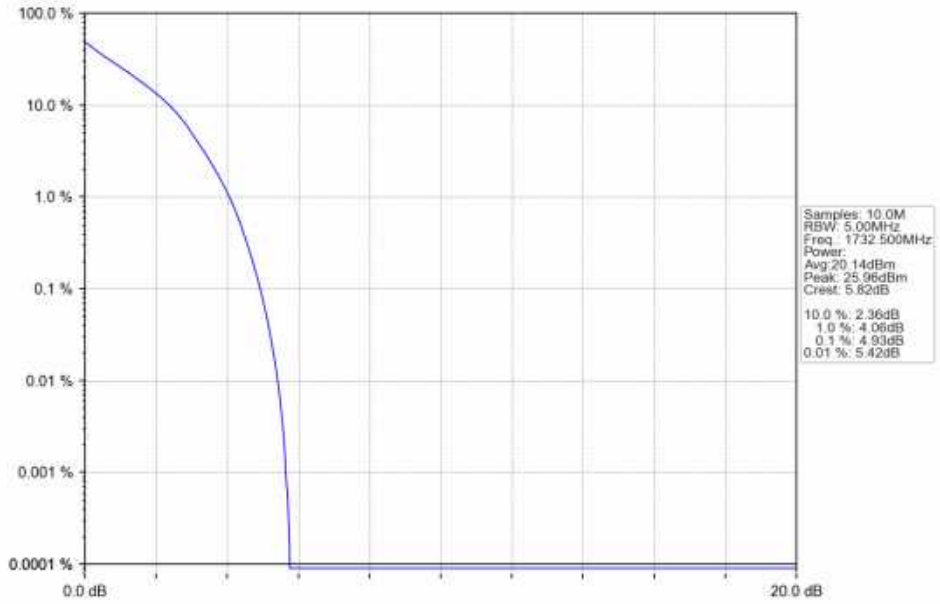


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



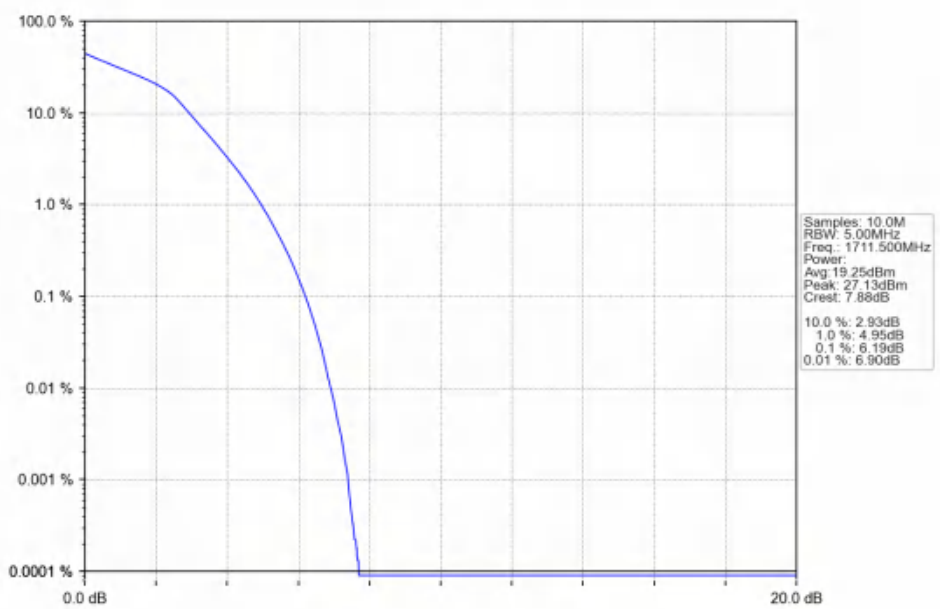
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


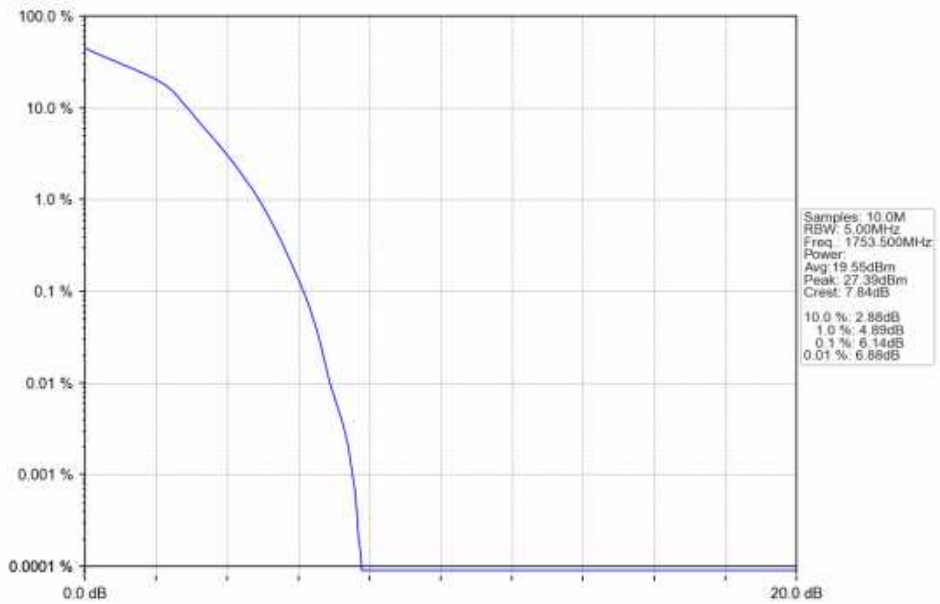
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



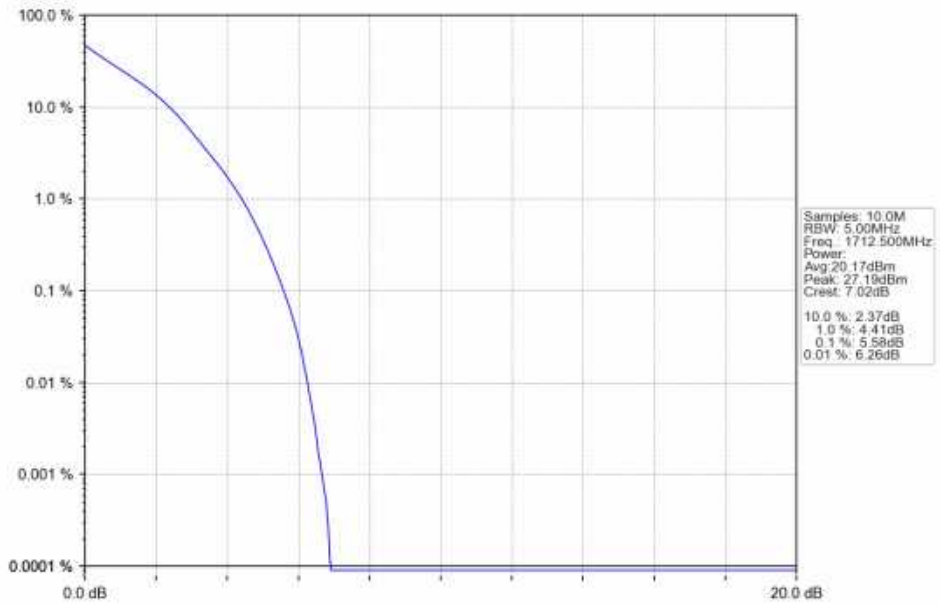
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

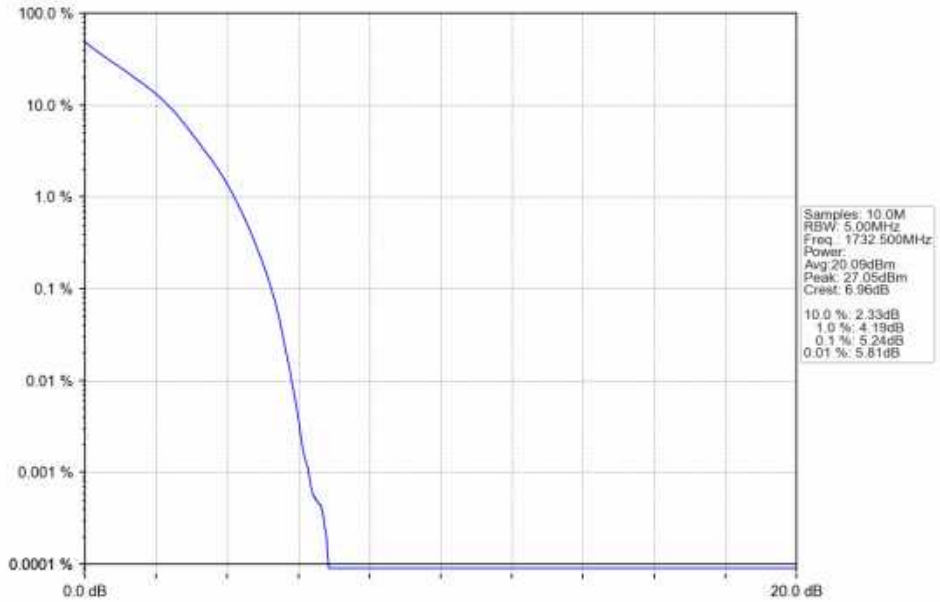


5.2.3 B4_5MHz

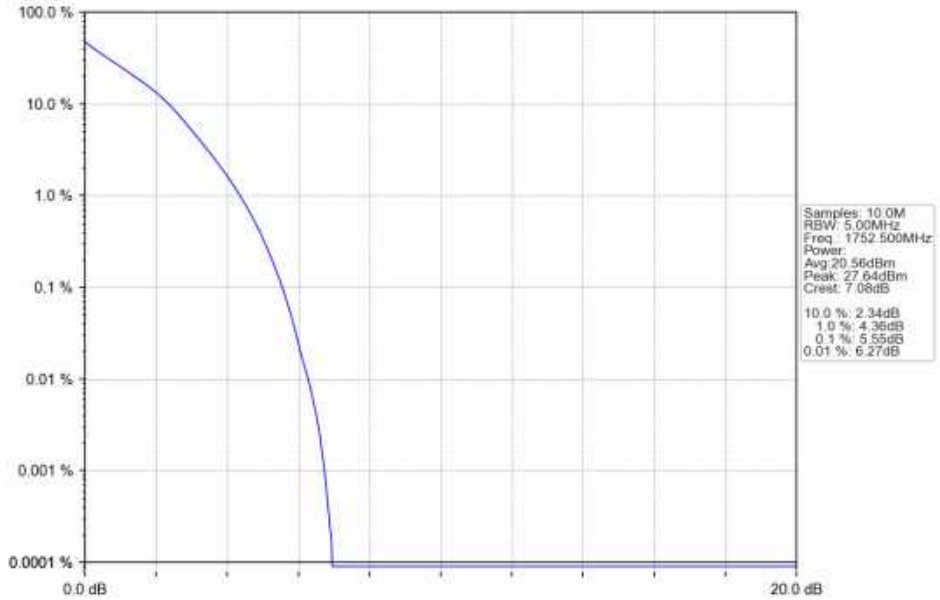
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



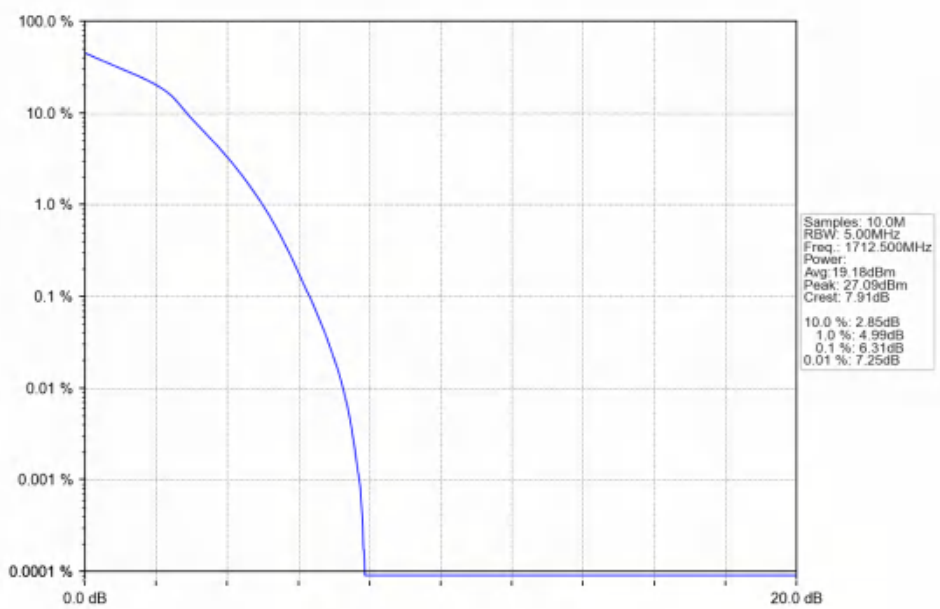
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



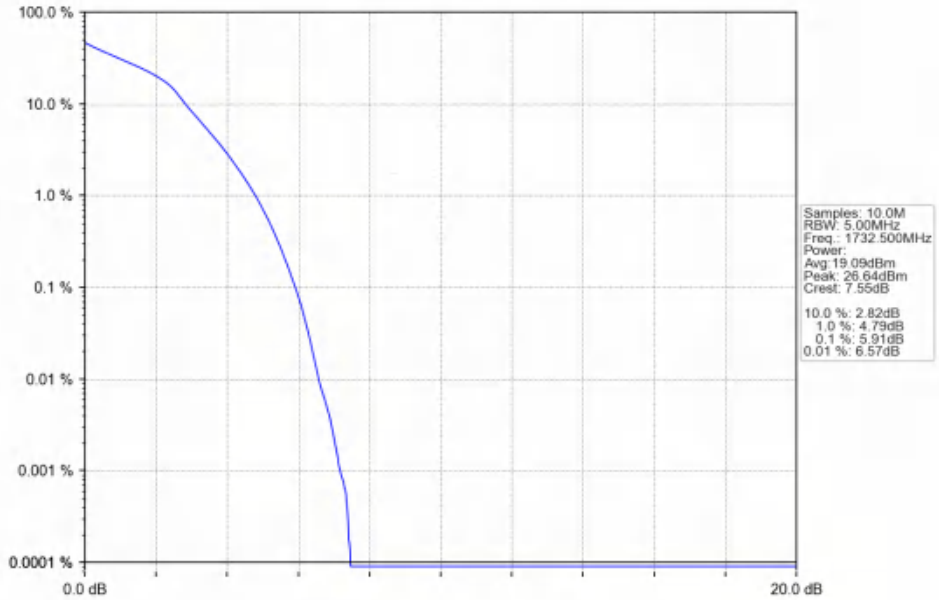
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



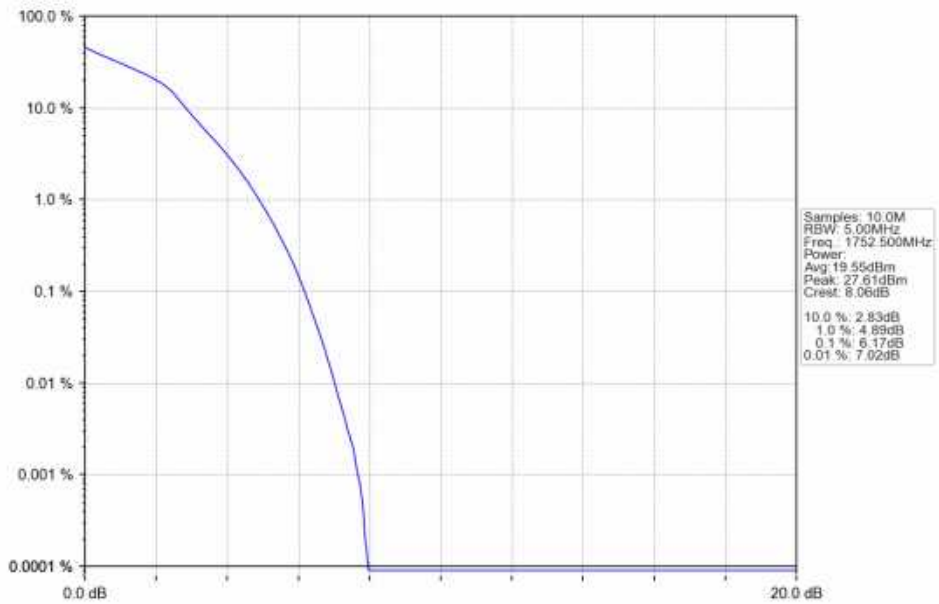
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

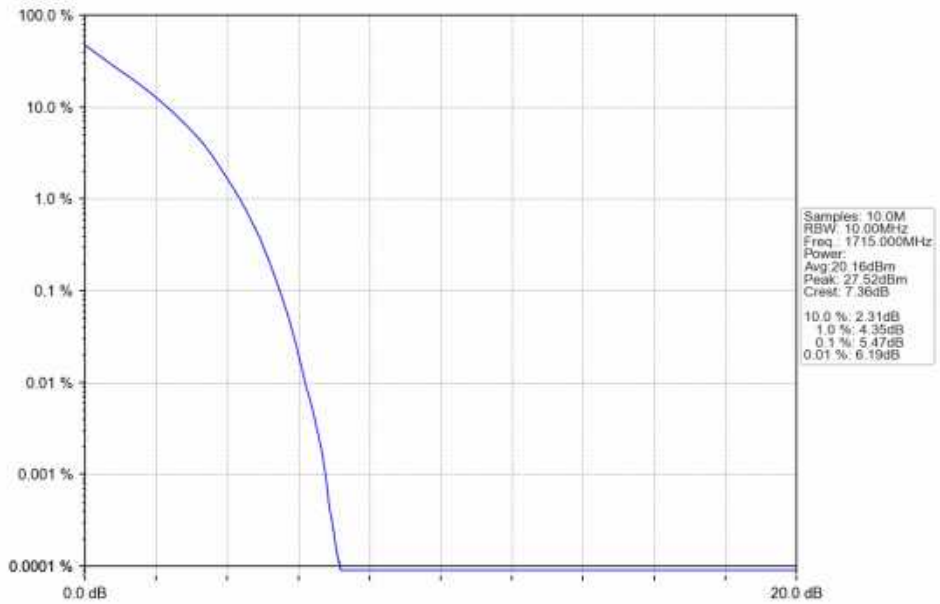


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

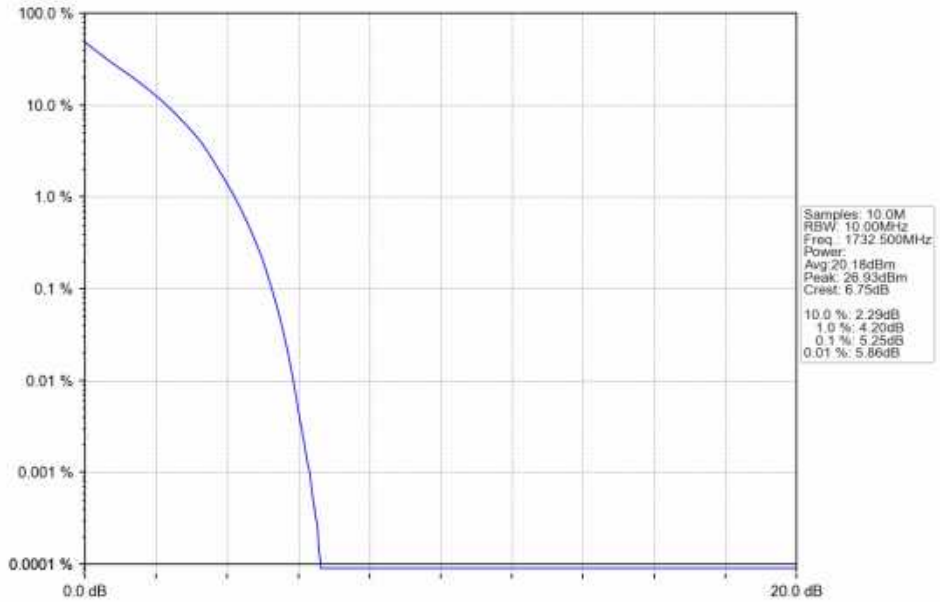


5.2.4 B4_10MHz

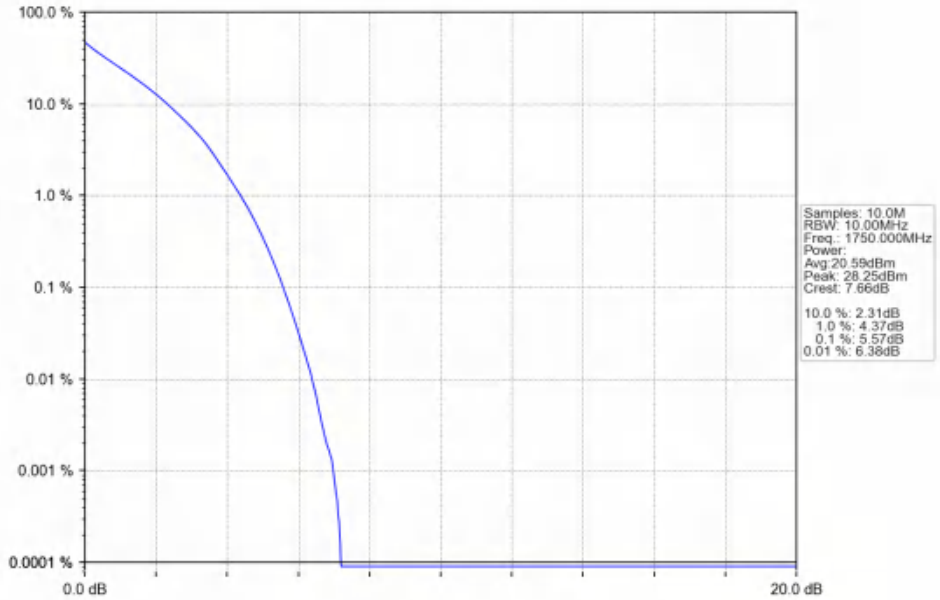
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



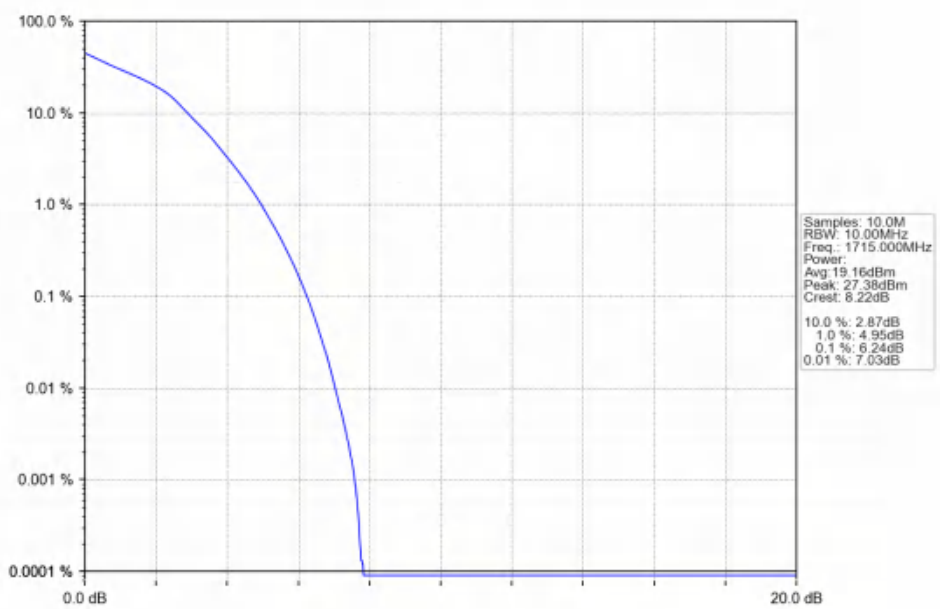
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



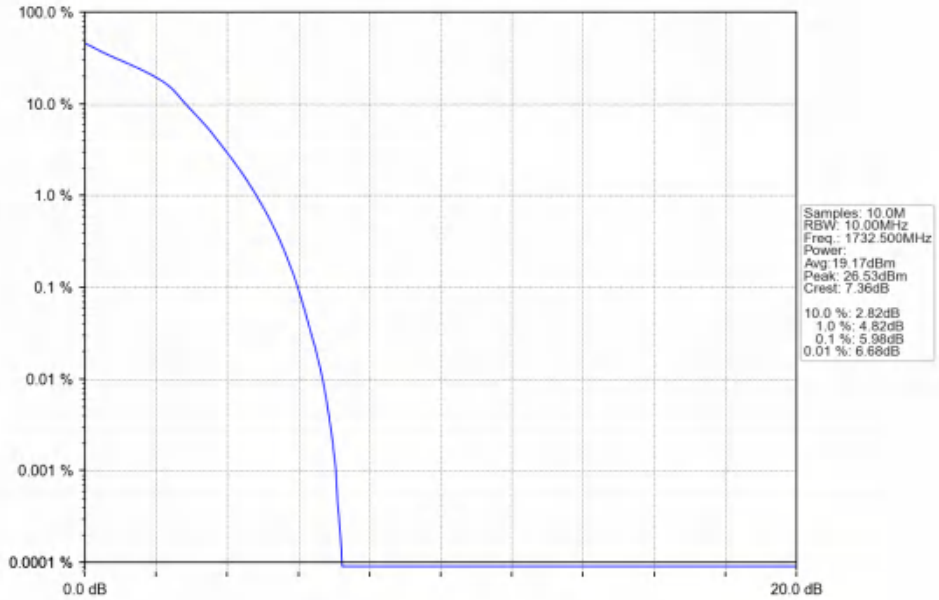
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



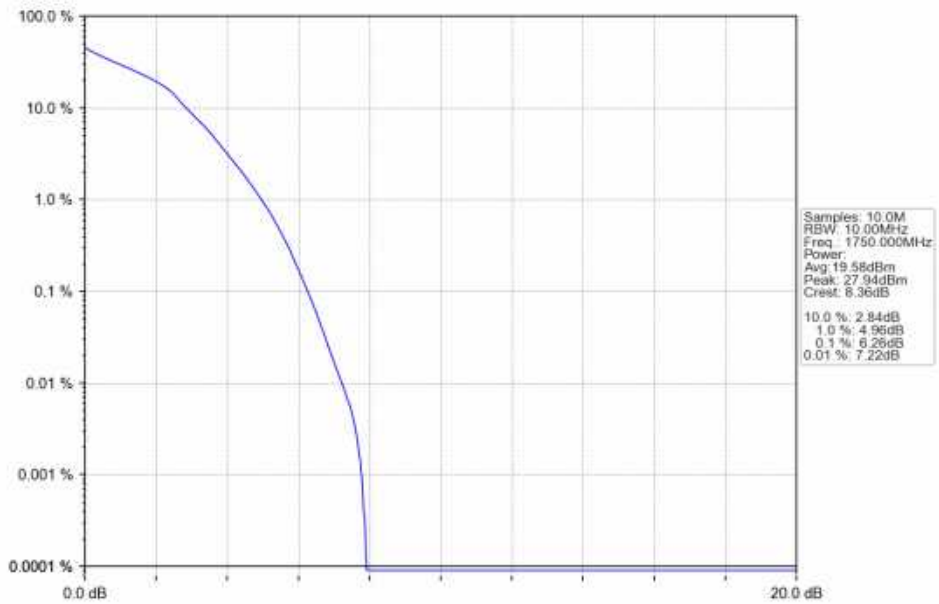
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

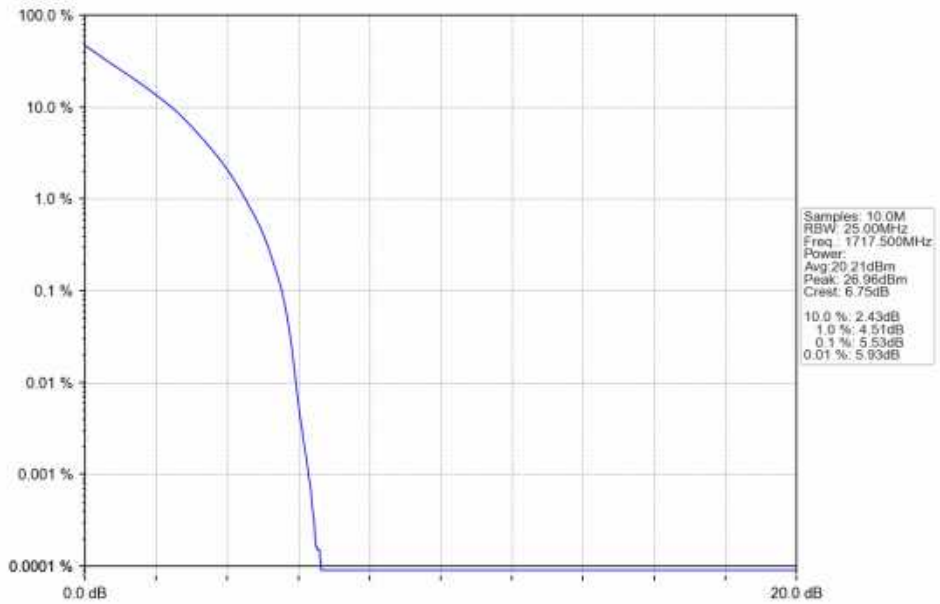


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

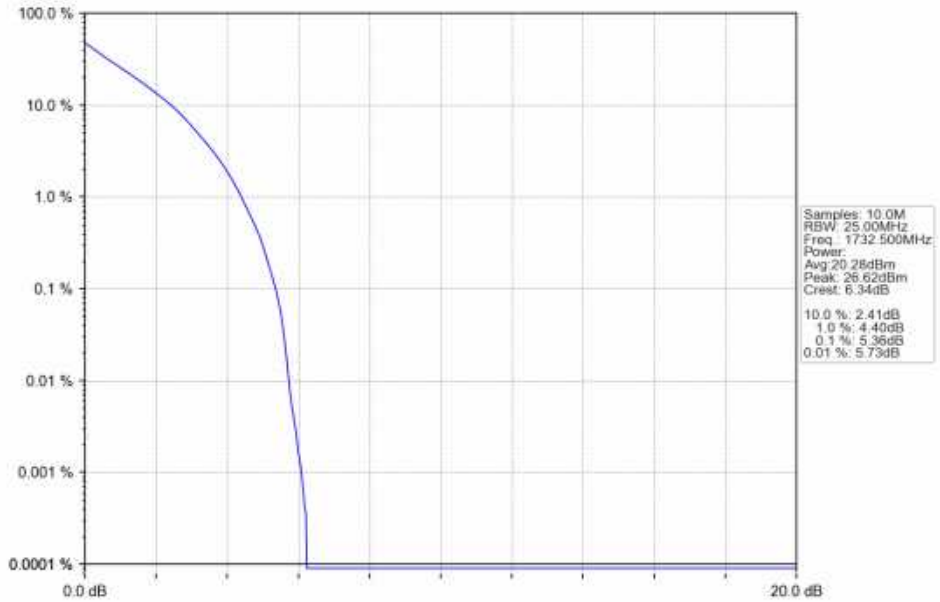


5.2.5 B4_15MHz

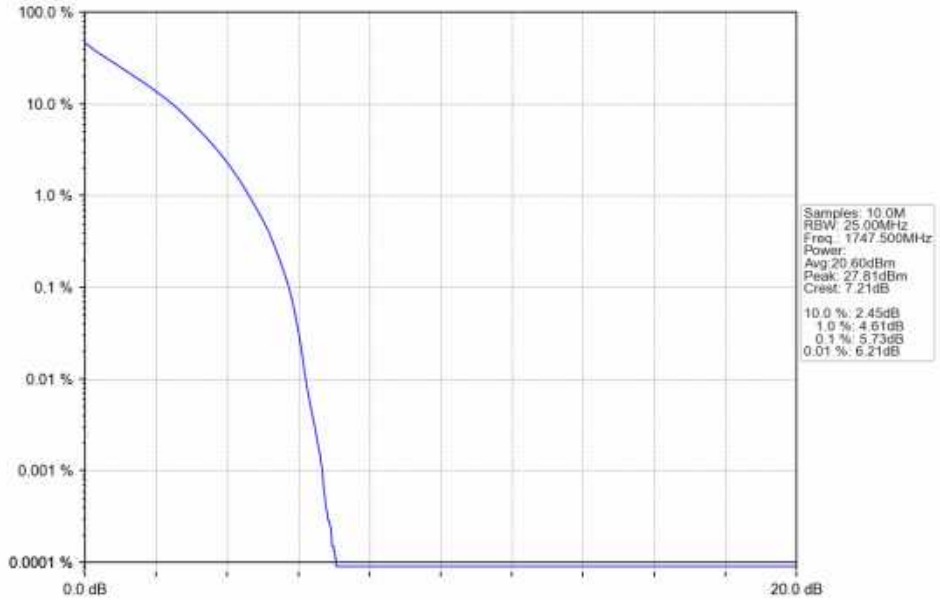
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



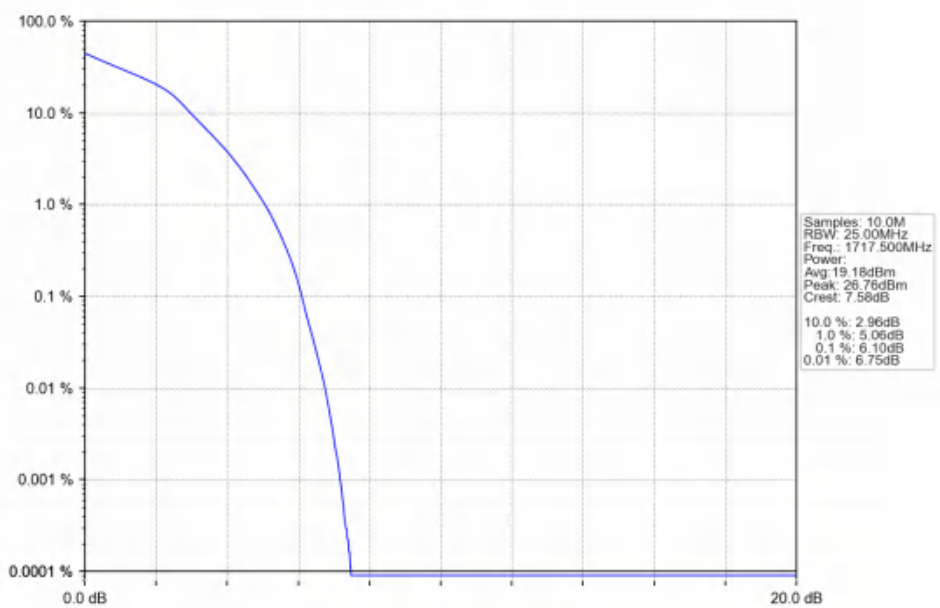
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



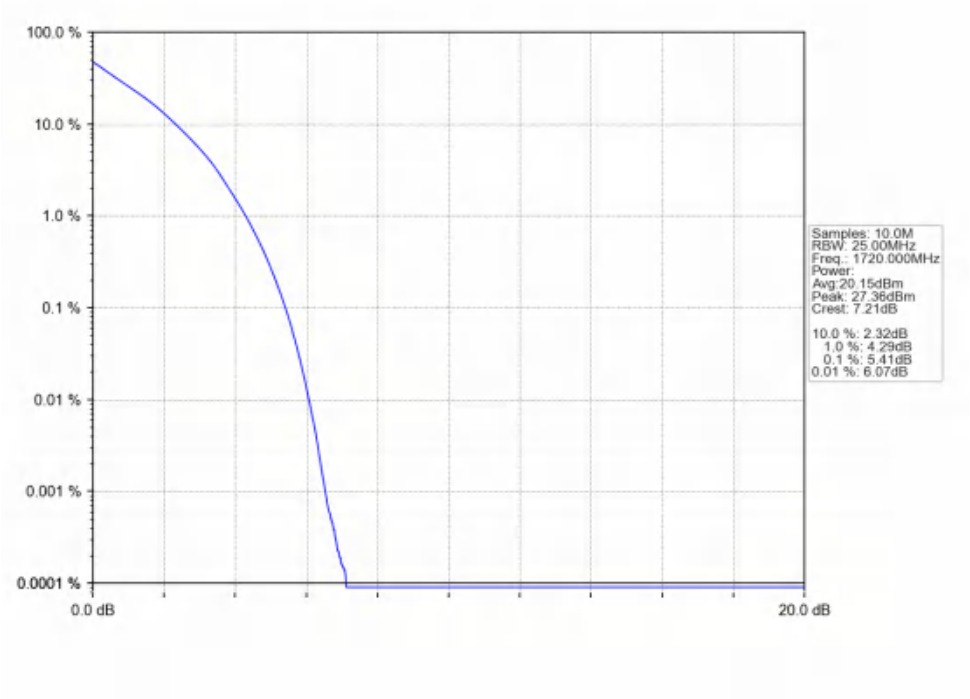
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

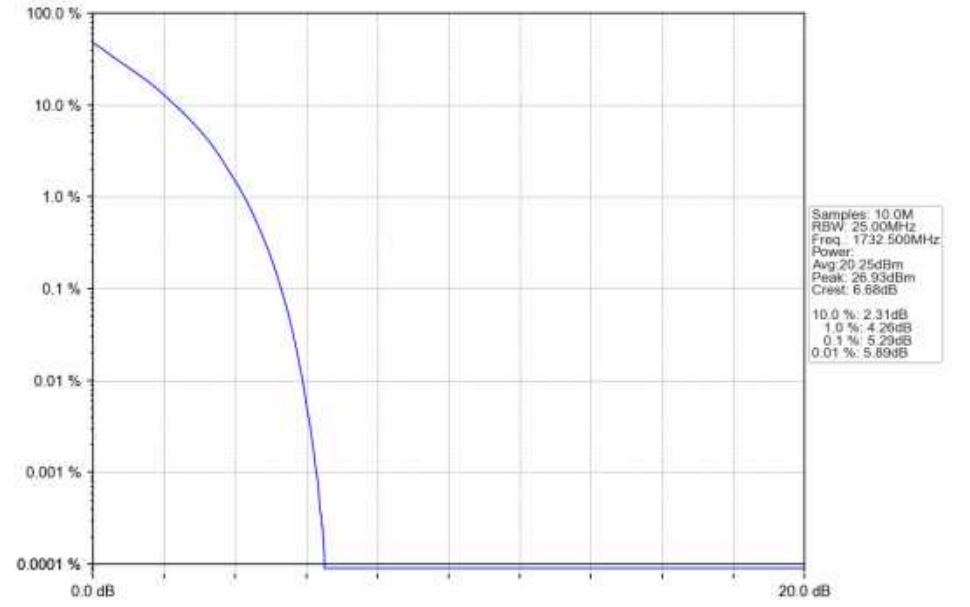


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

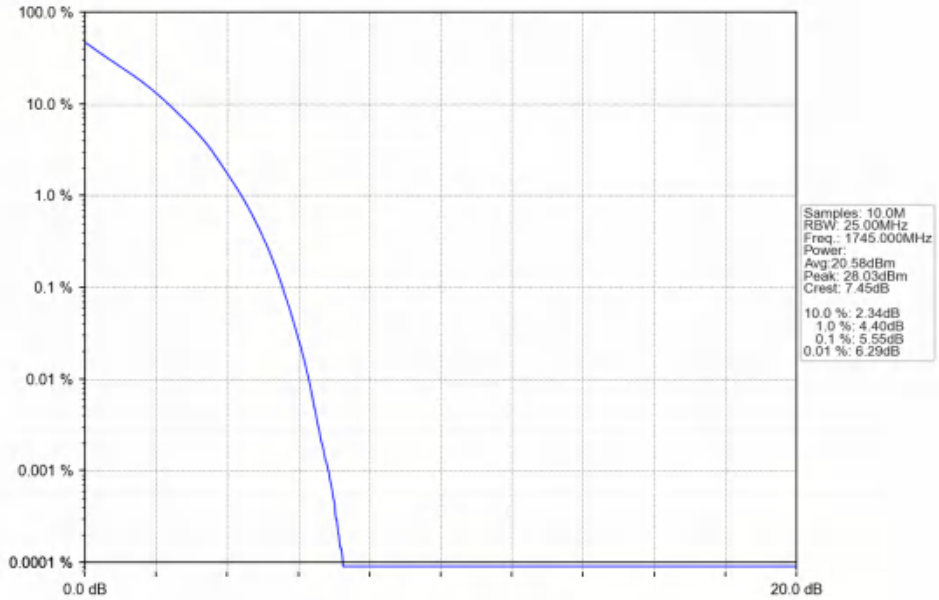
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

5.2.6 B4_20MHz

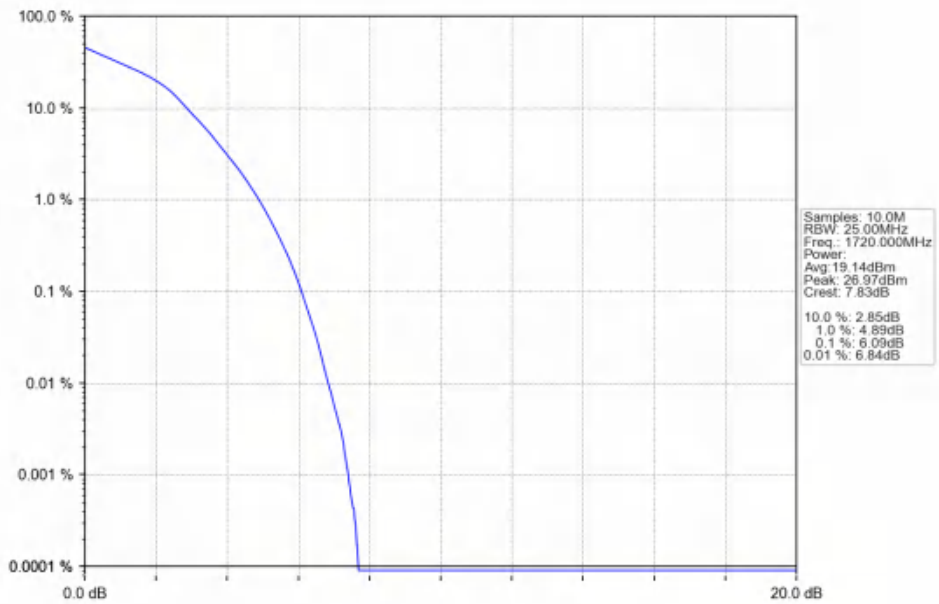
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV


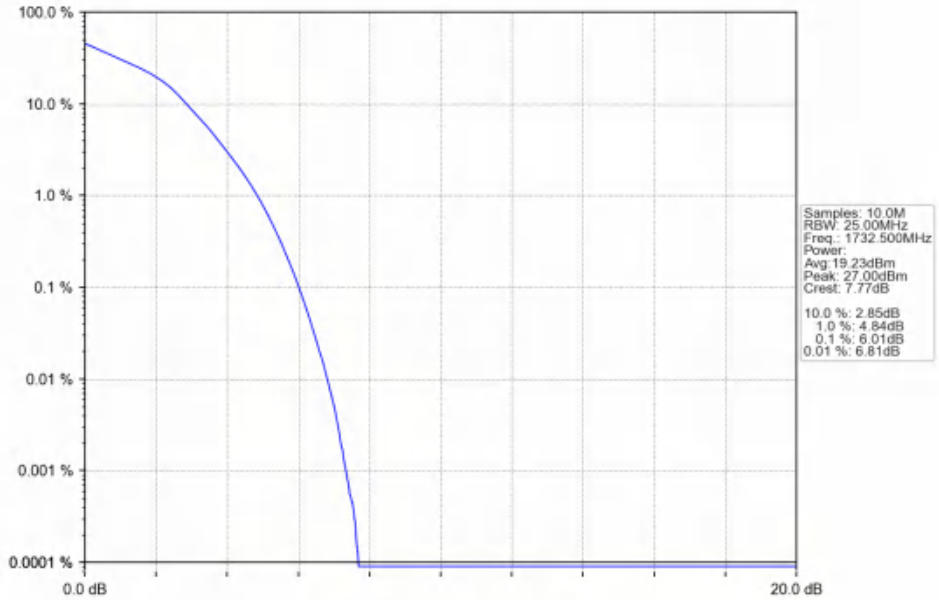
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



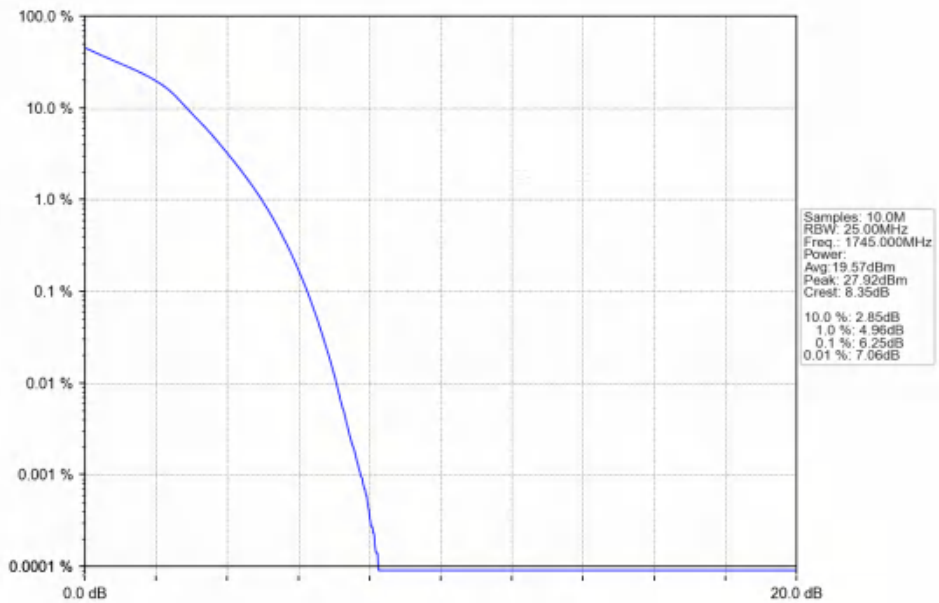
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

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

6.1.2 B4_3MHz

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

6.1.3 B4_5MHz

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

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

6.1.4 B4_10MHz

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

6.1.5 B4_15MHz

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

6.1.6 B4_20MHz

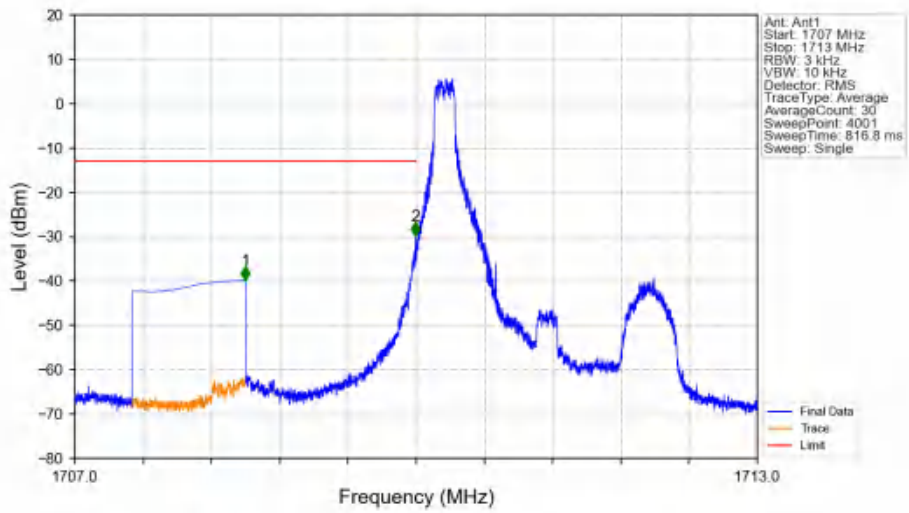
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

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

6.2 Test Graph

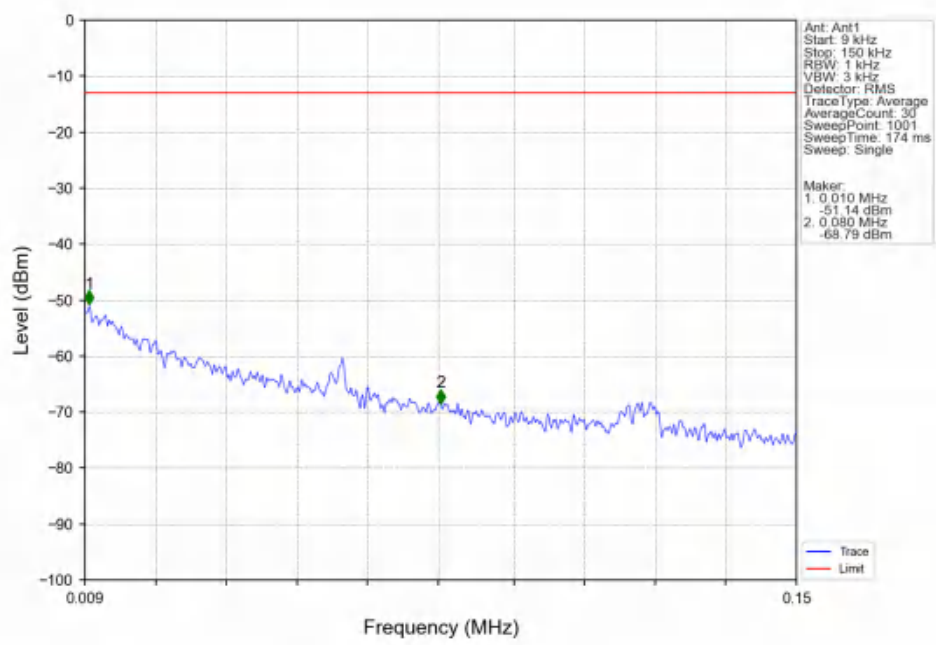
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

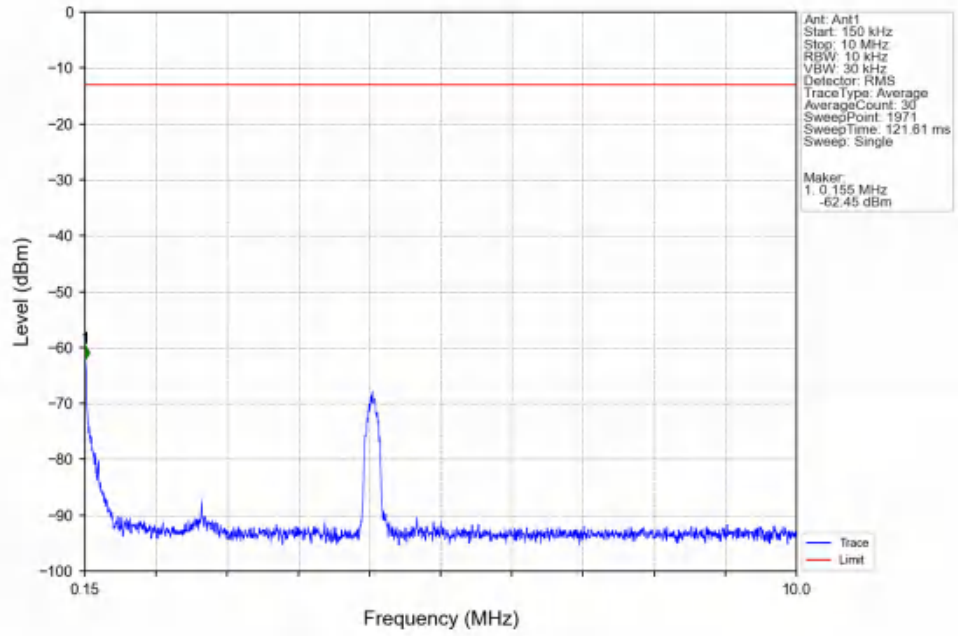


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-39.85	-13	Pass
1709	1710	0.003	/	2	1709.995	-29.78	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

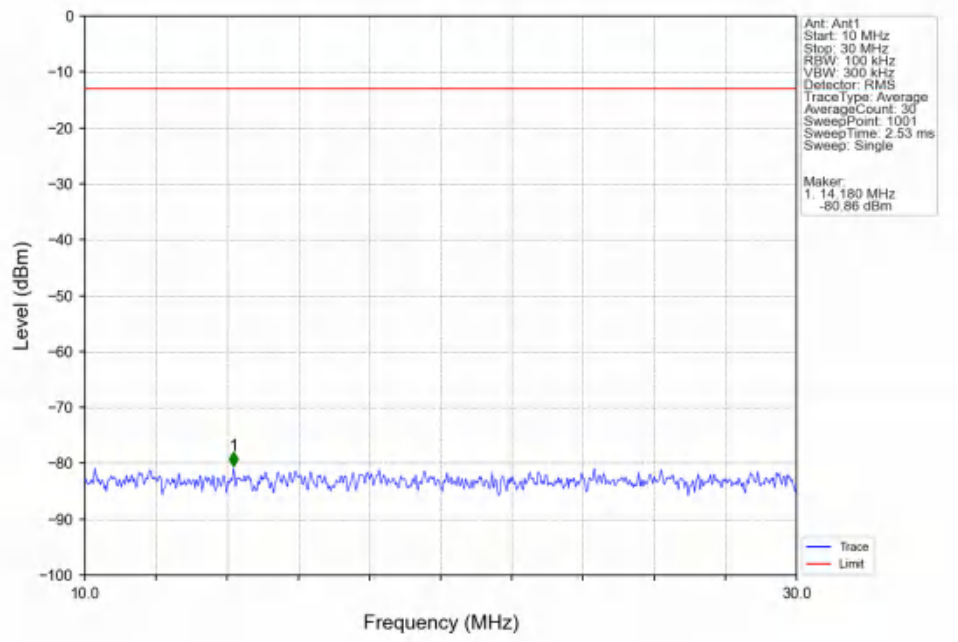
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



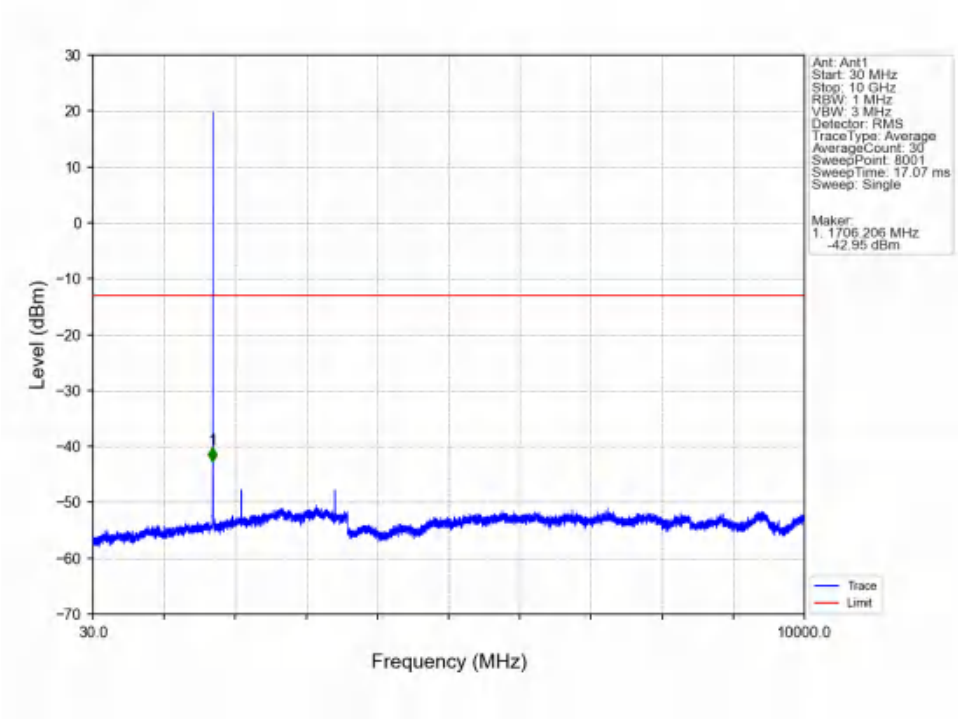
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



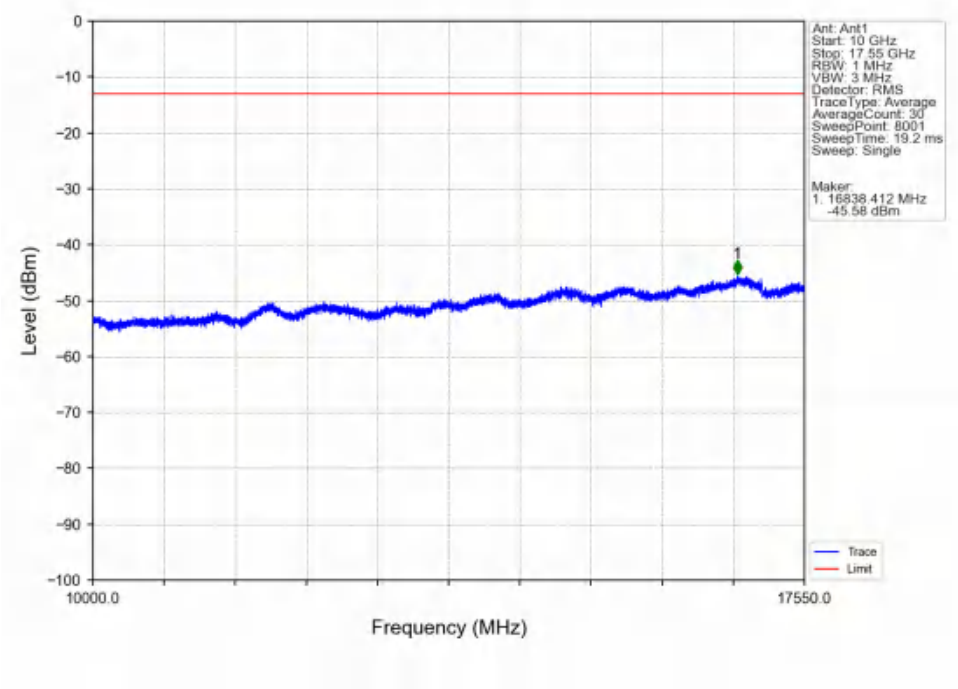
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



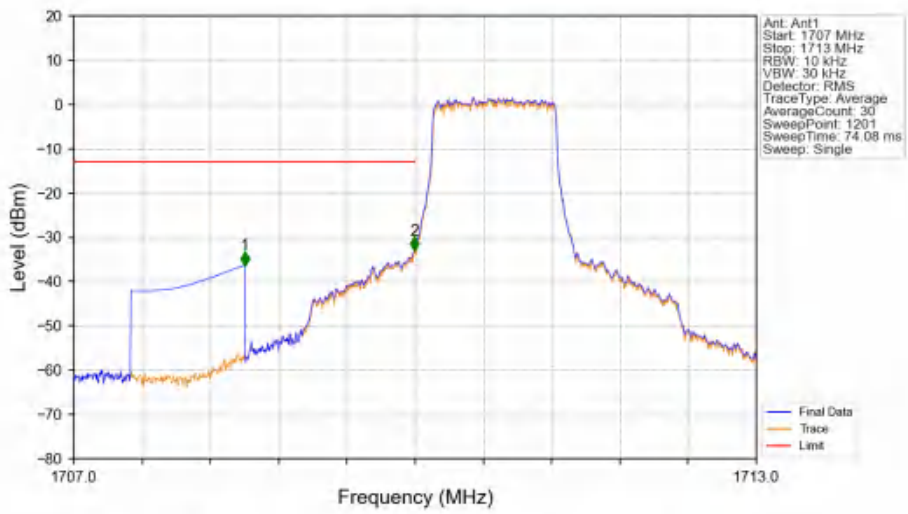
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

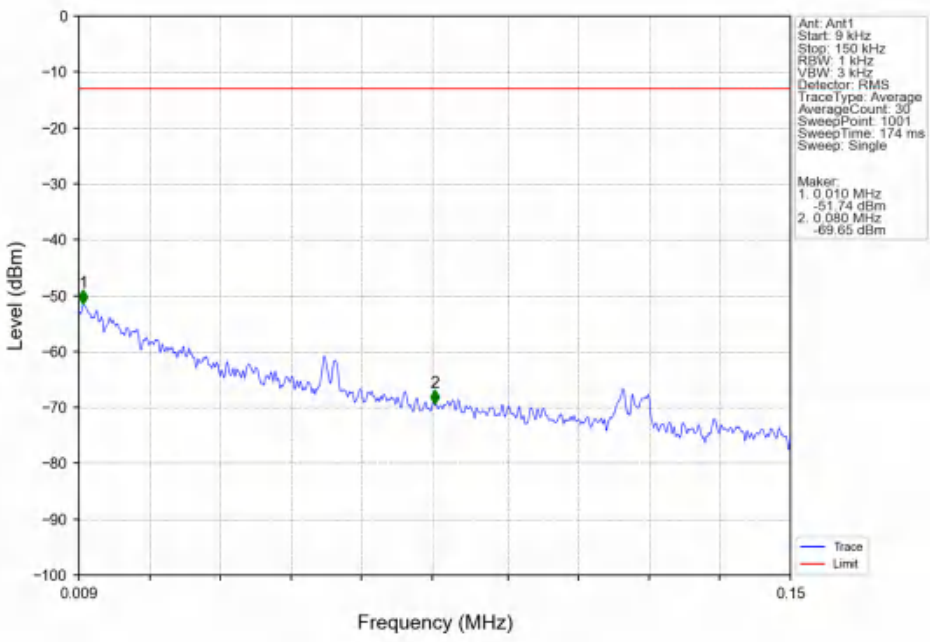


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

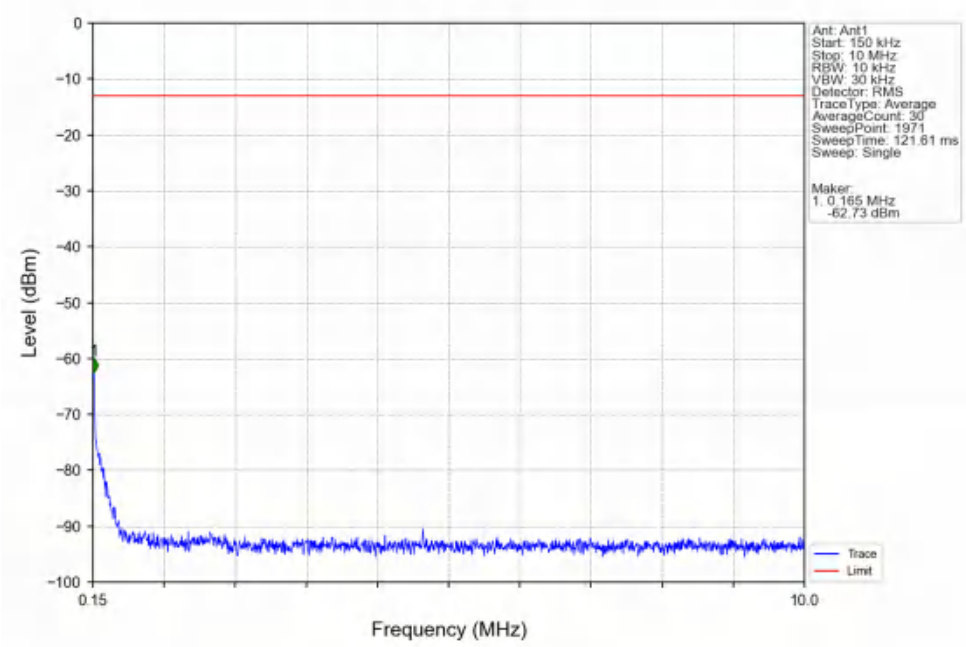


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-36.32	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.03	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

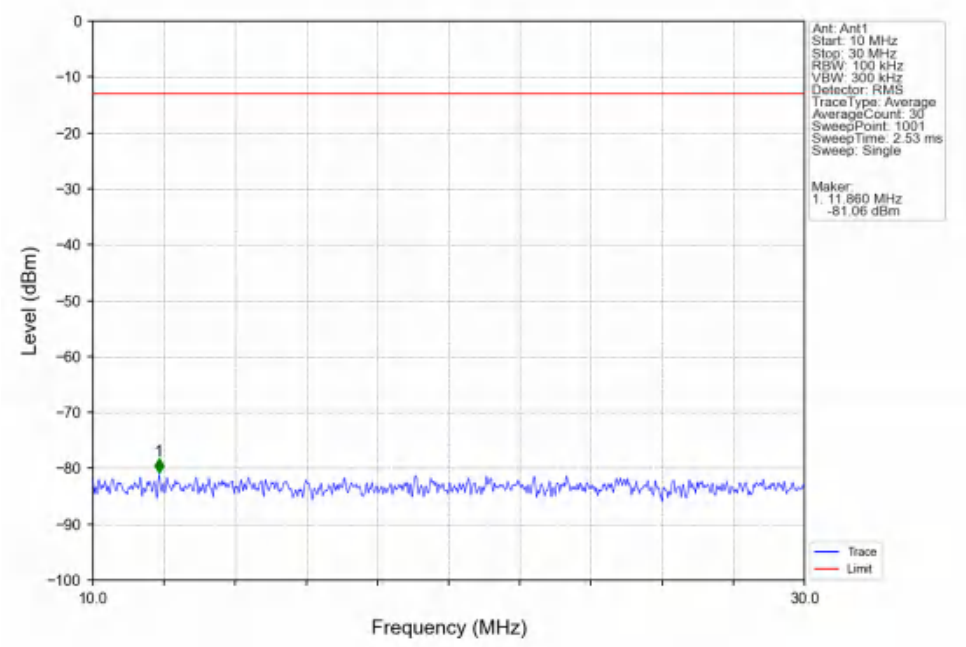
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



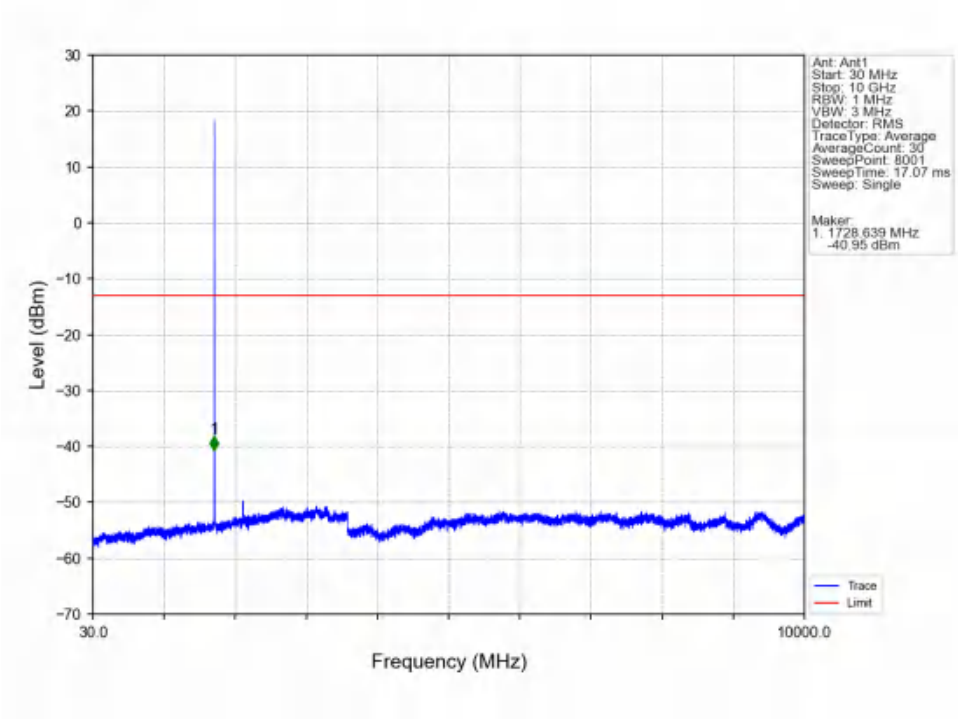
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



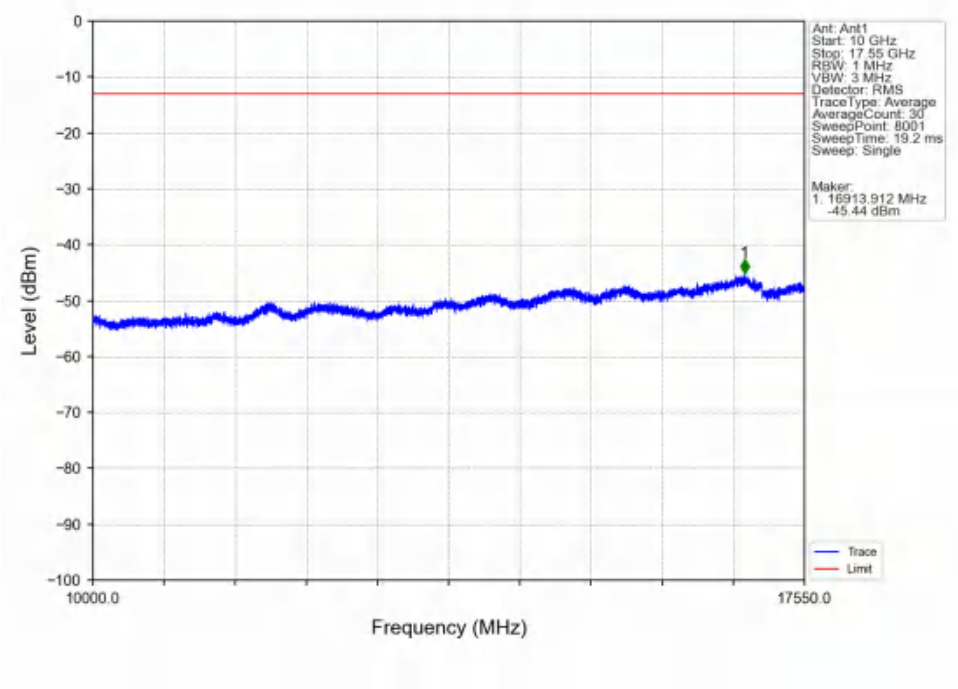
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



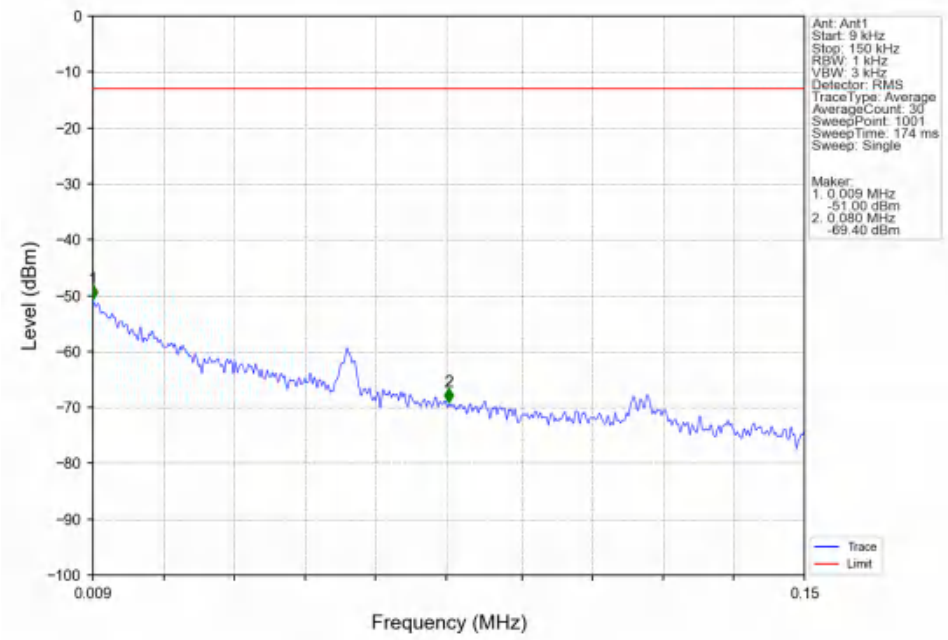
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



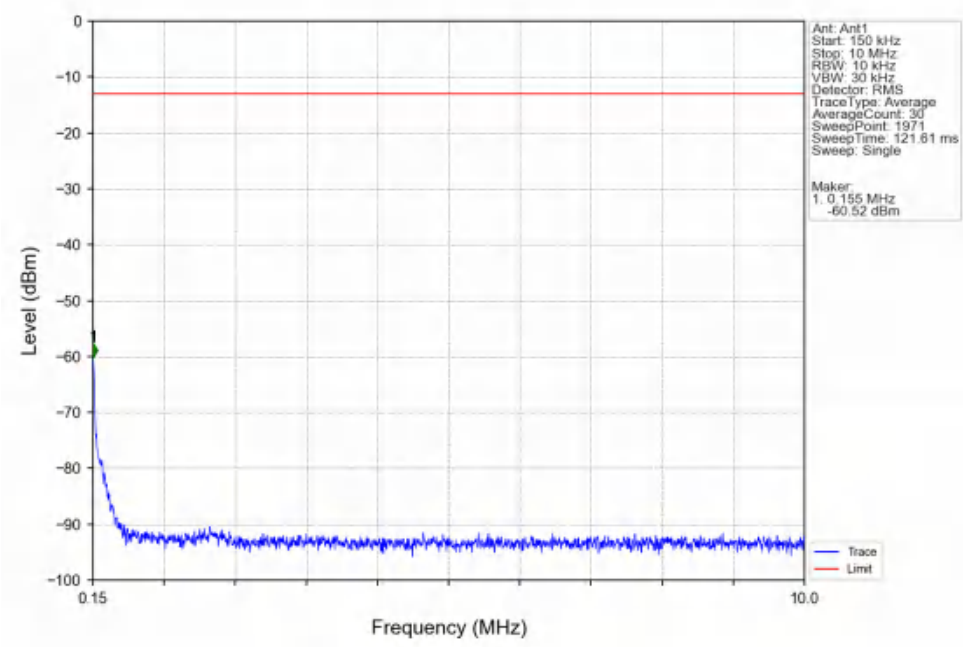
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



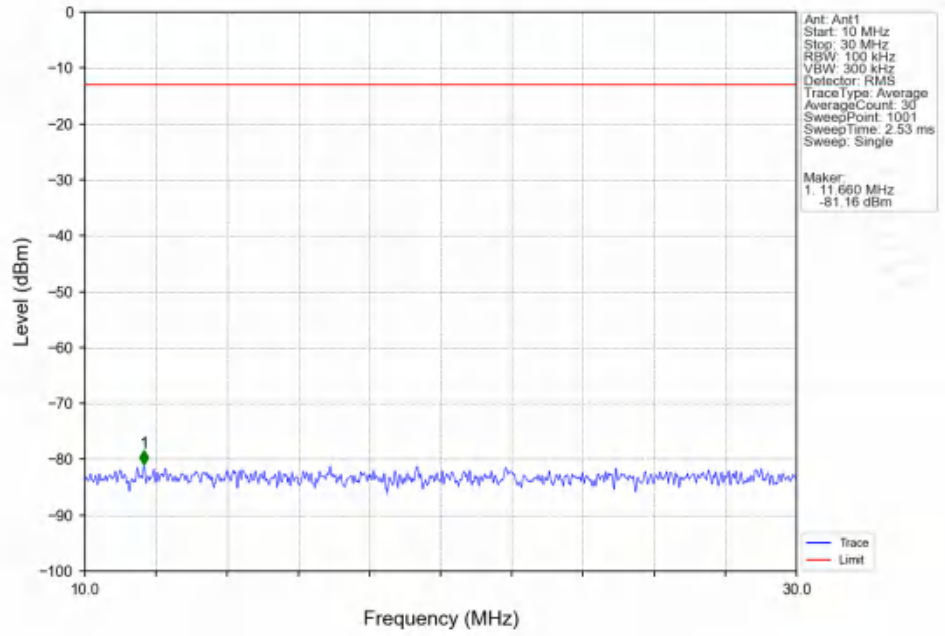
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



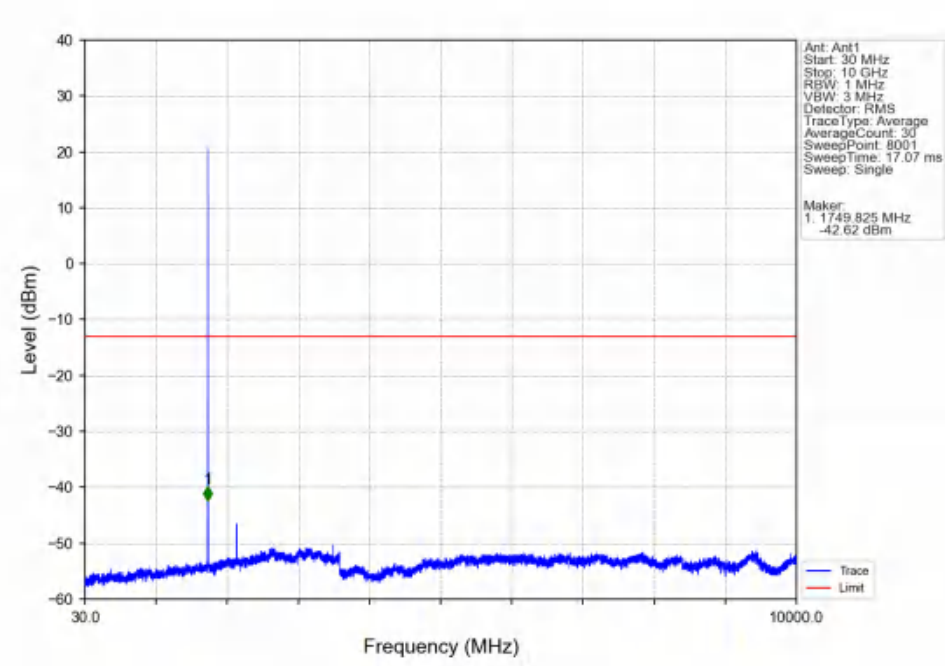
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



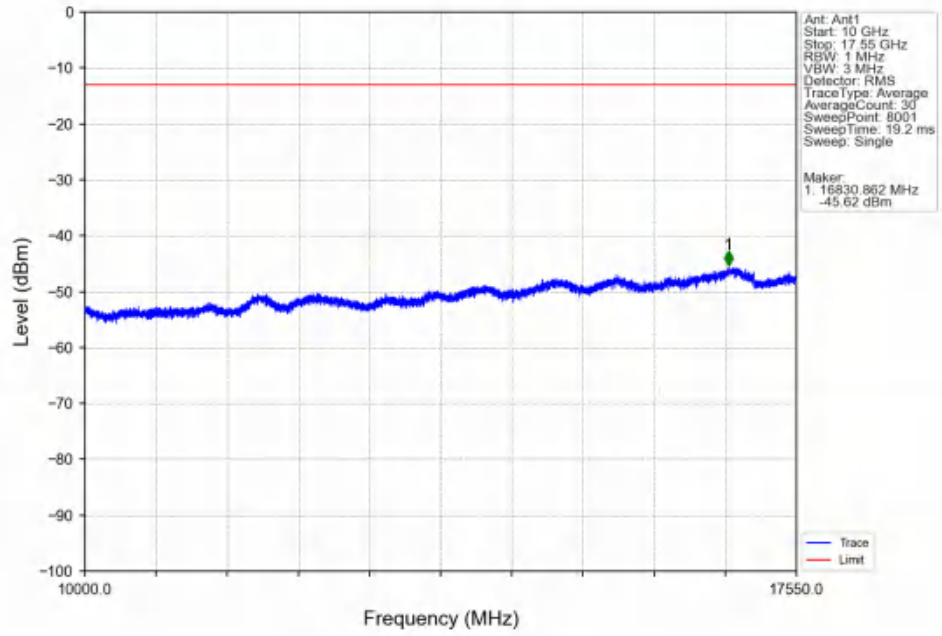
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



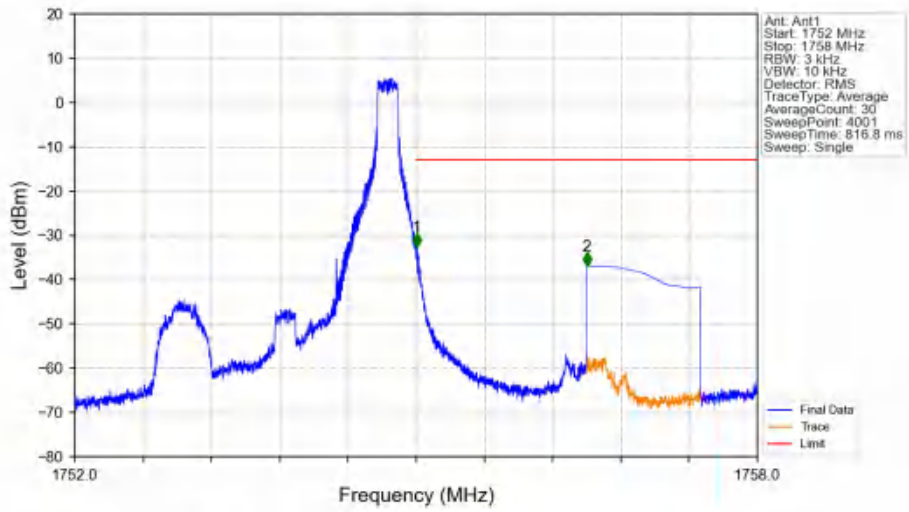
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

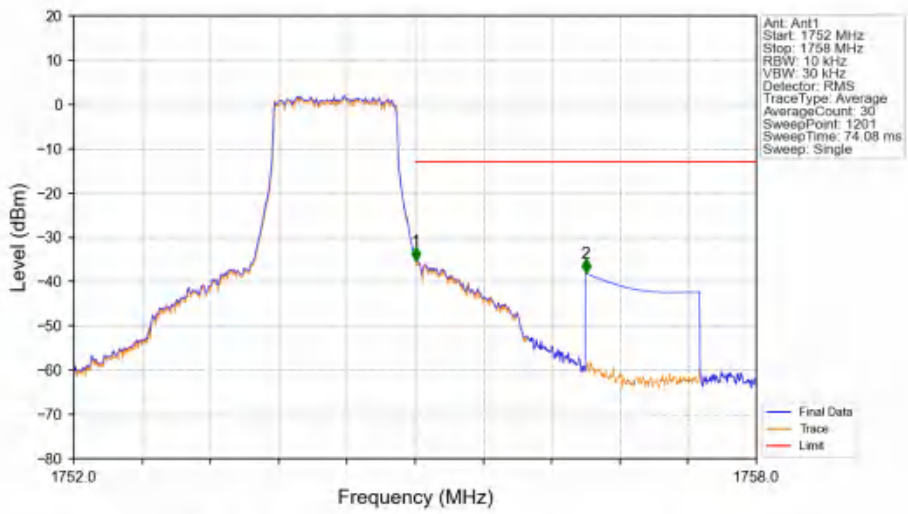


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



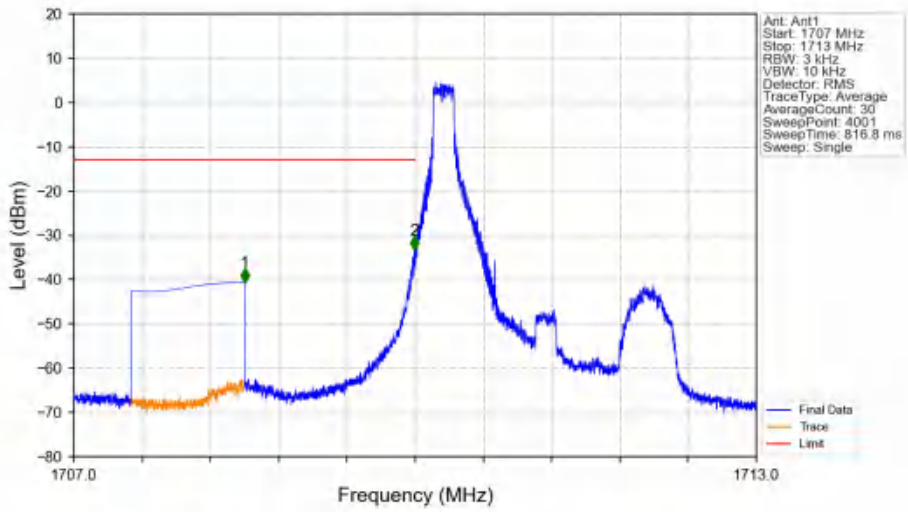
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-32.63	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.93	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



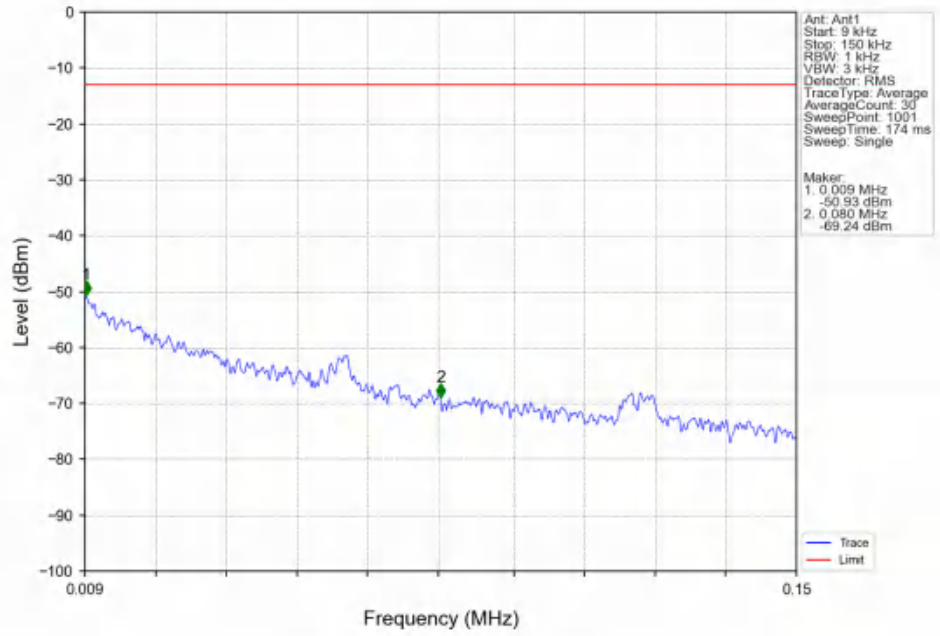
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-35.35	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.12	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

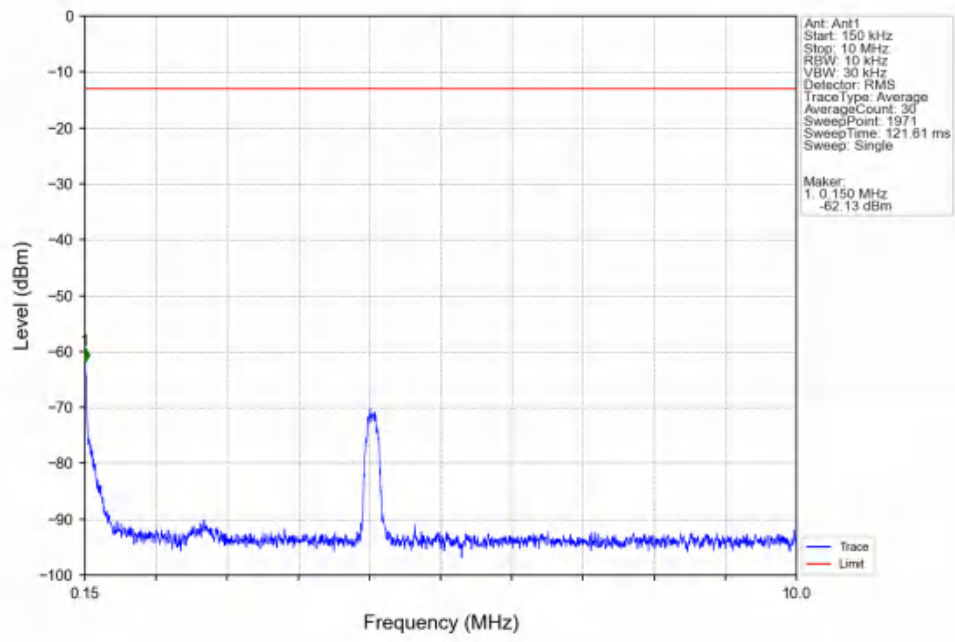


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-40.56	-13	Pass
1709	1710	0.003	/	2	1709.995	-33.26	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

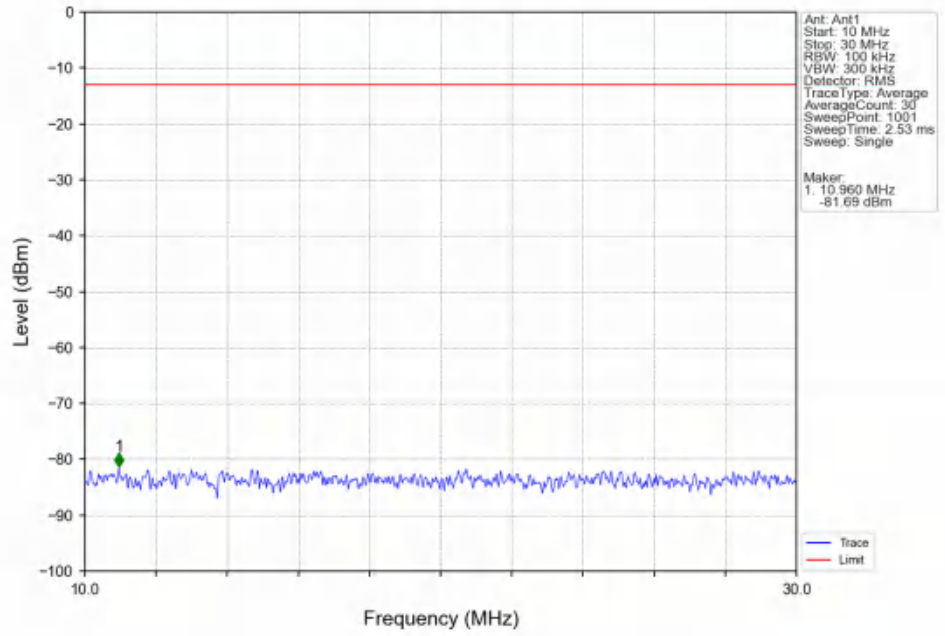
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



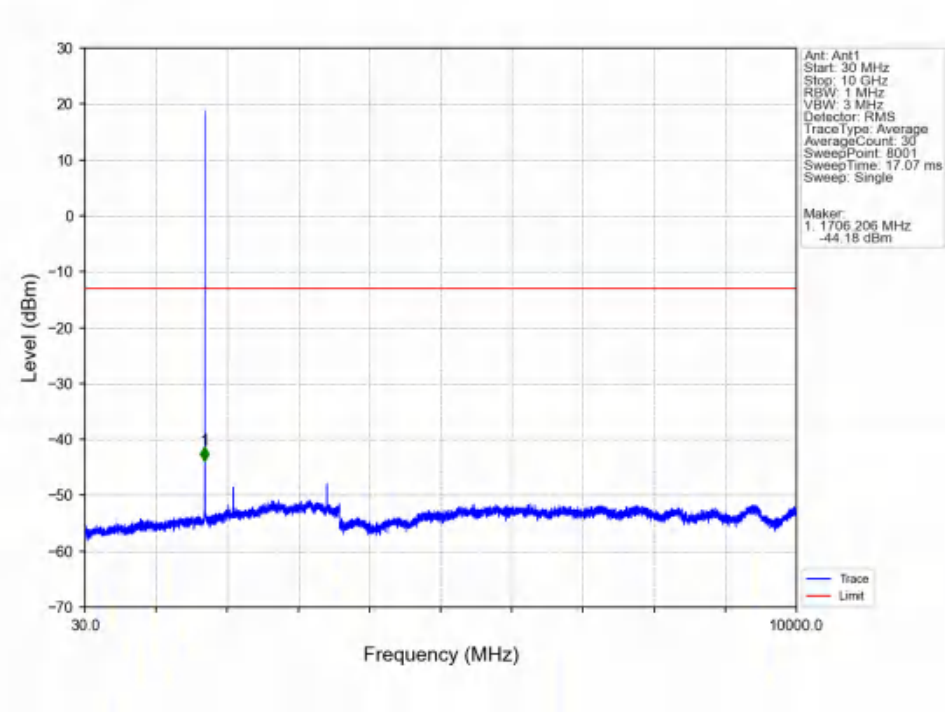
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



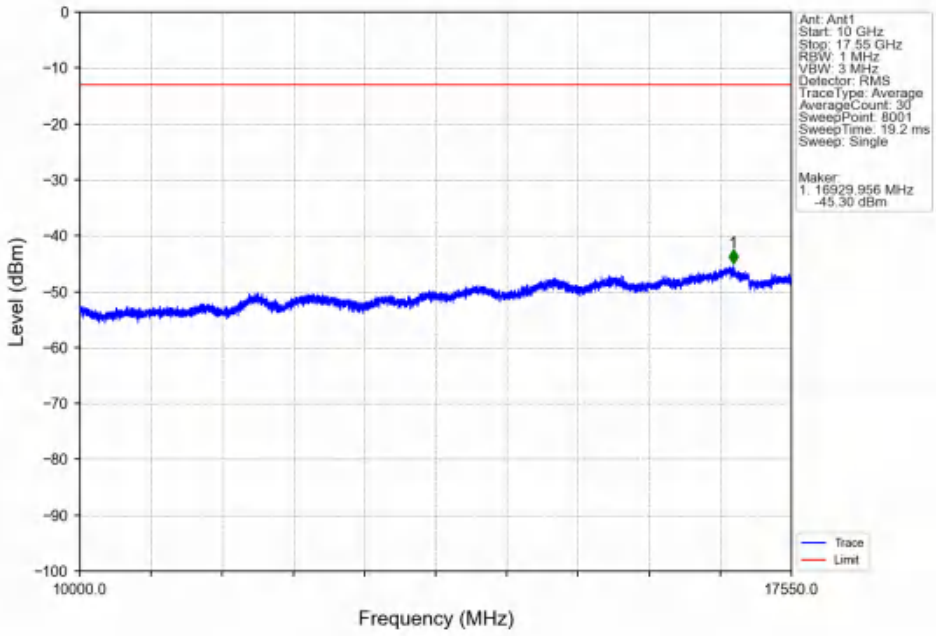
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



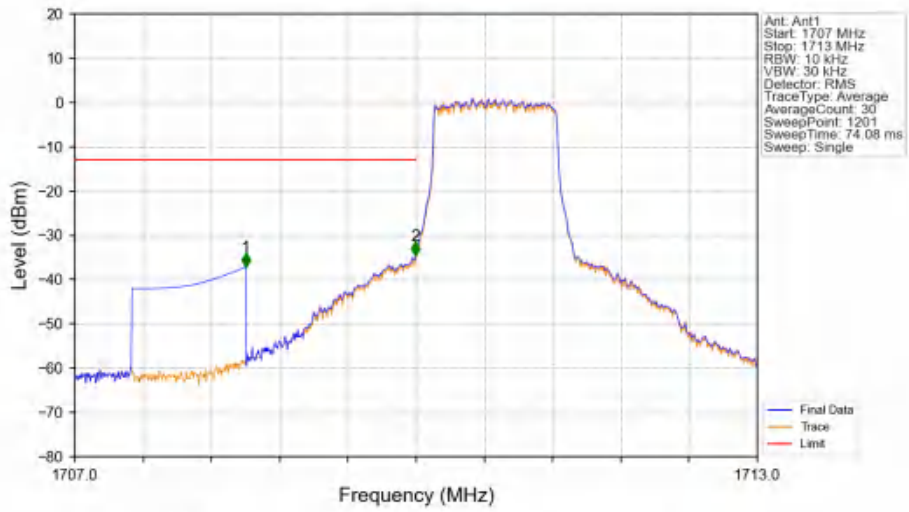
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

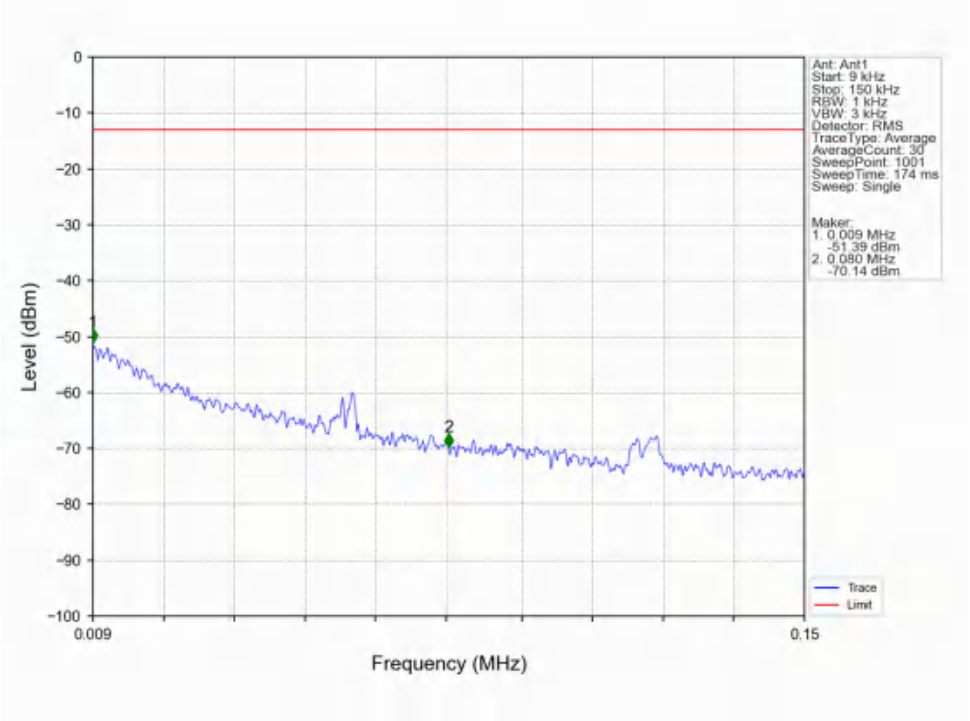


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

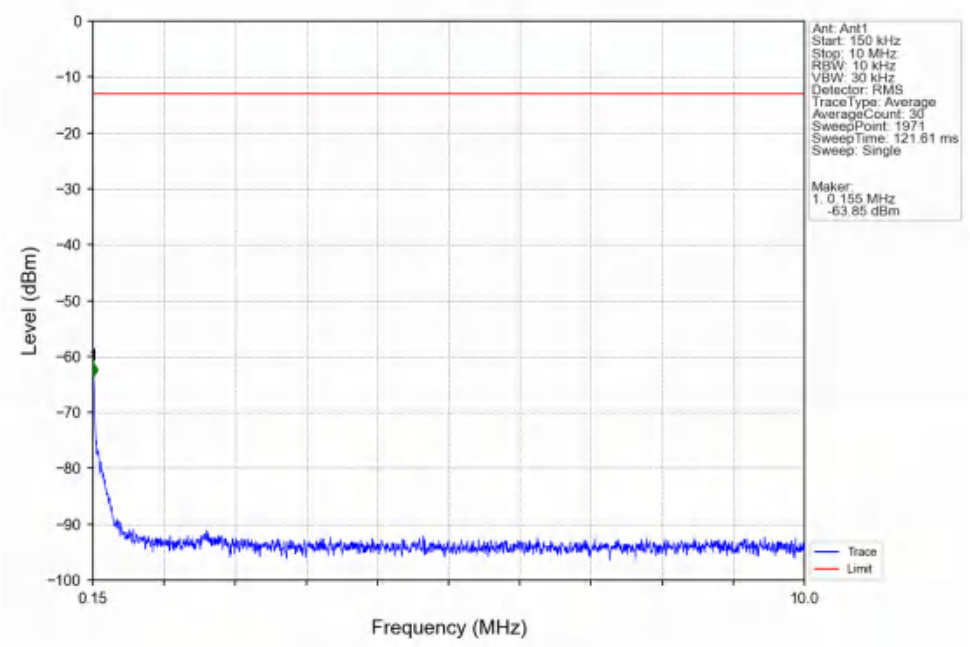


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-37.12	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-34.52	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

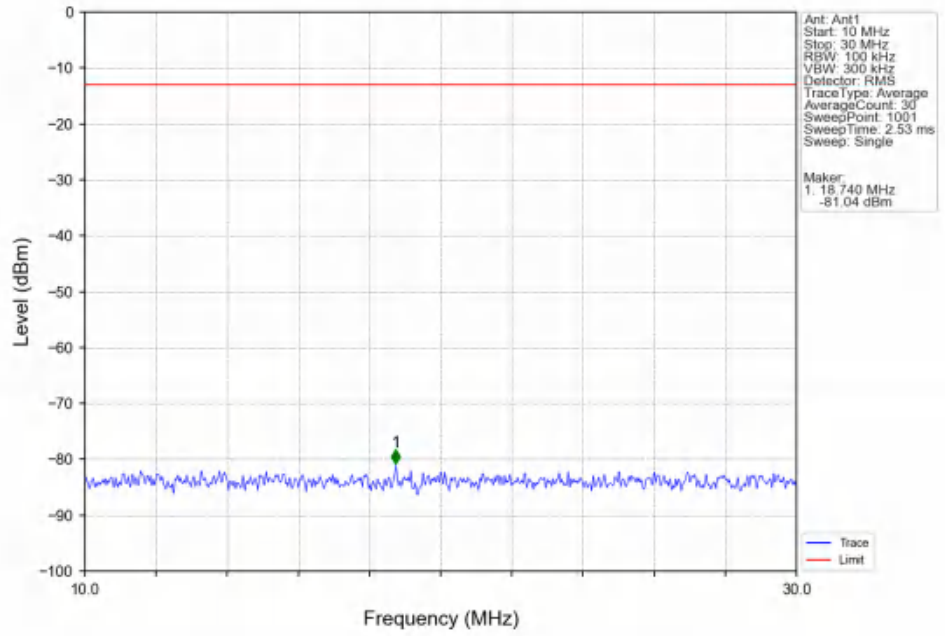
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



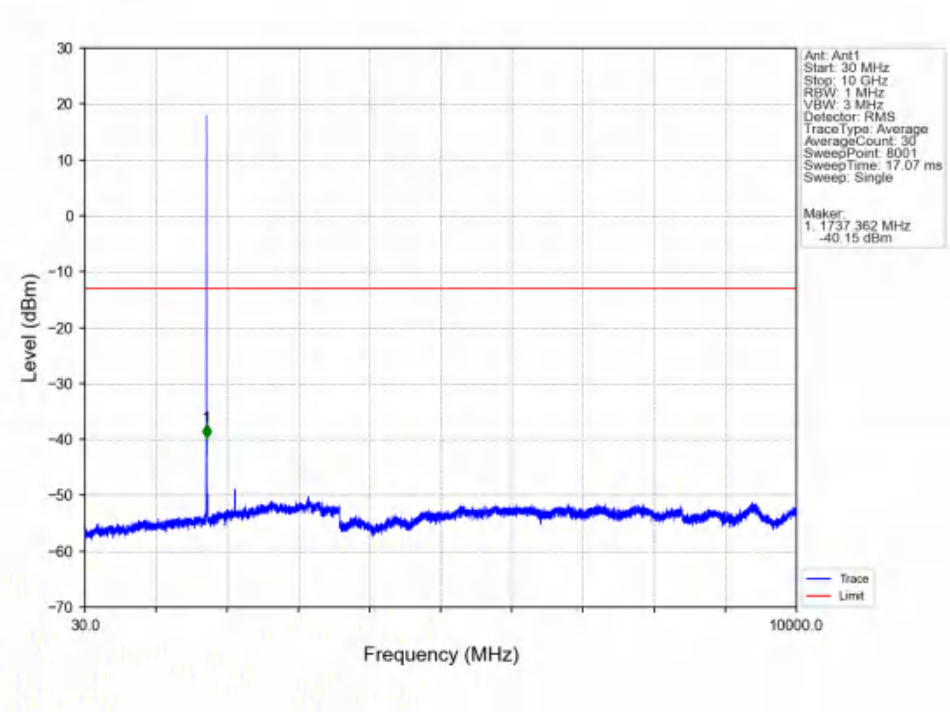
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



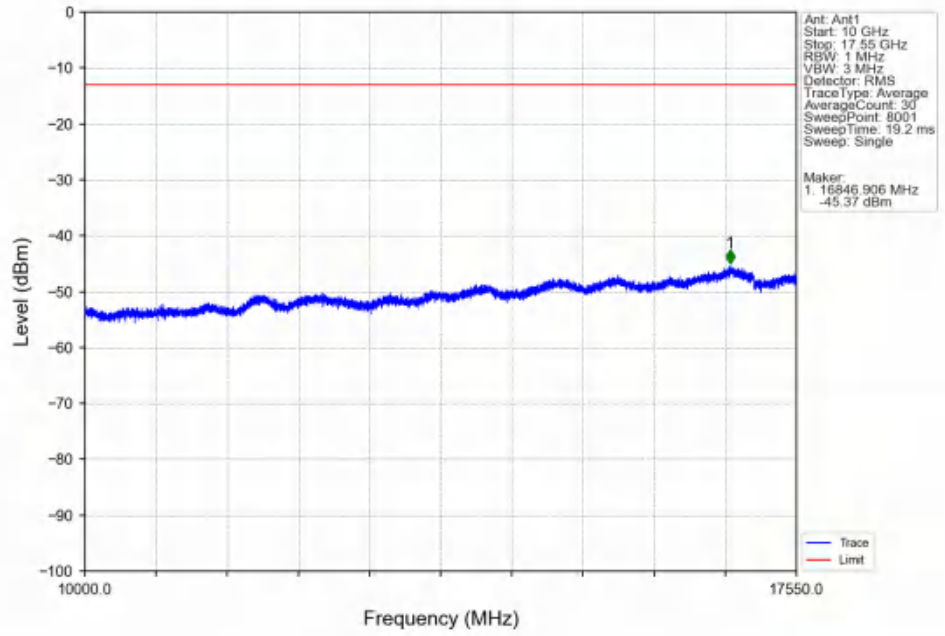
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



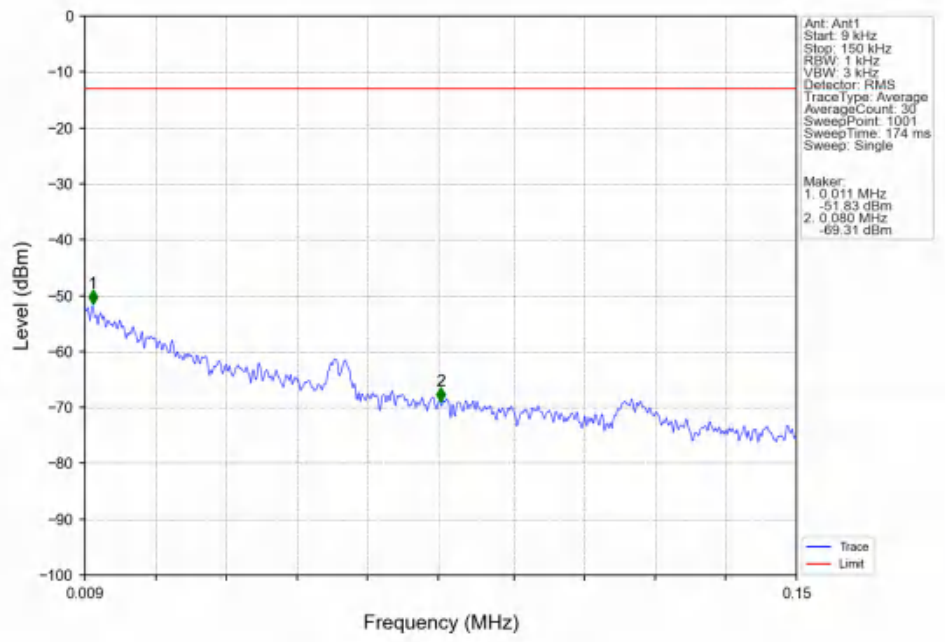
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



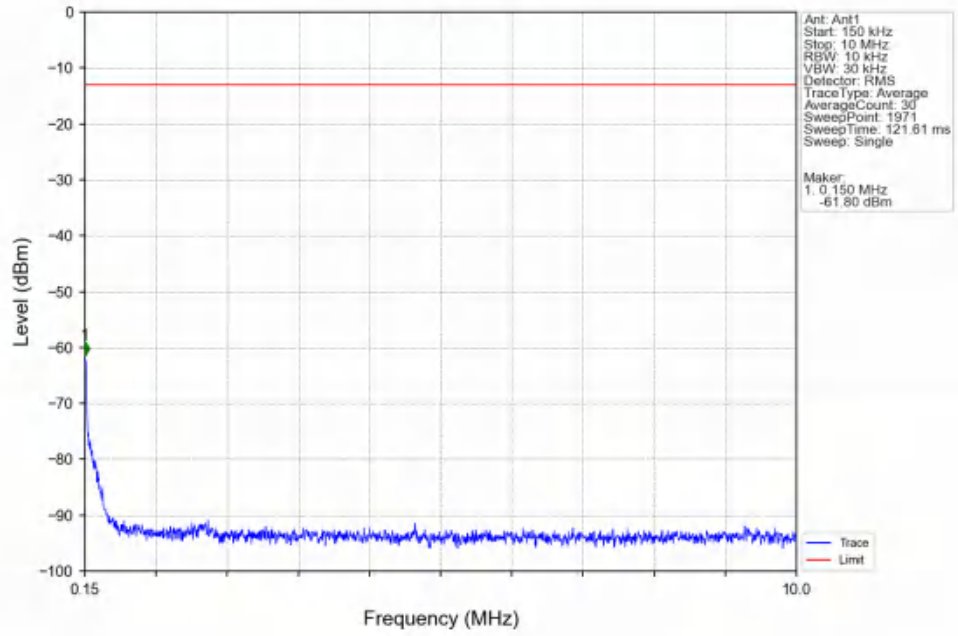
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



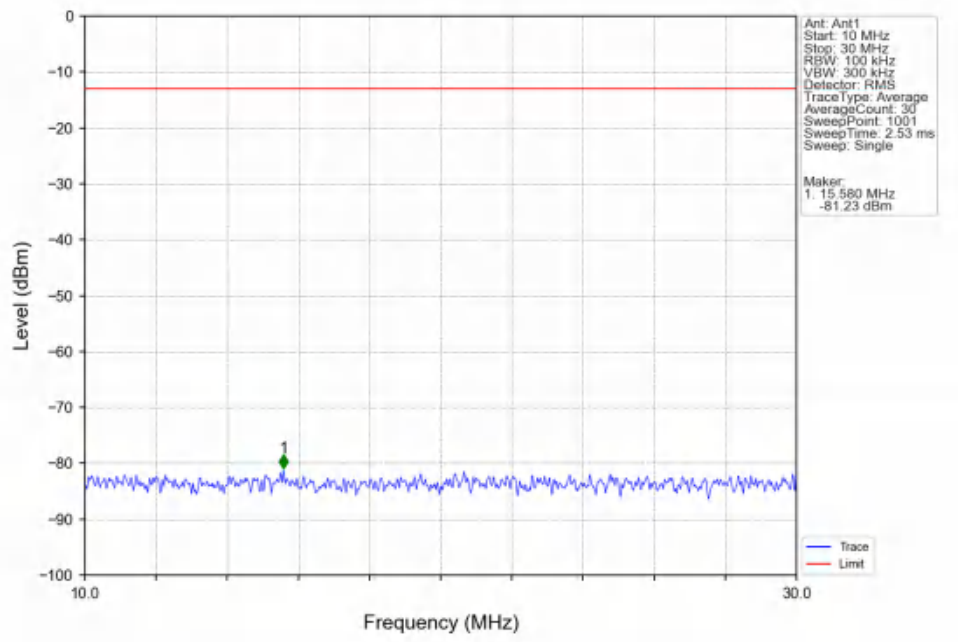
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



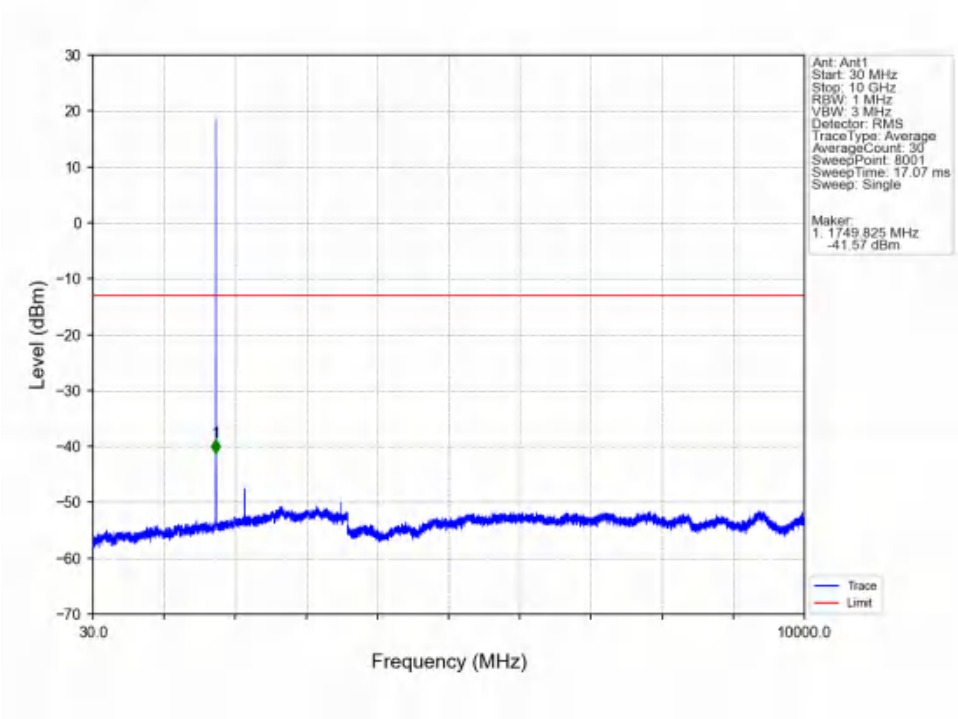
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



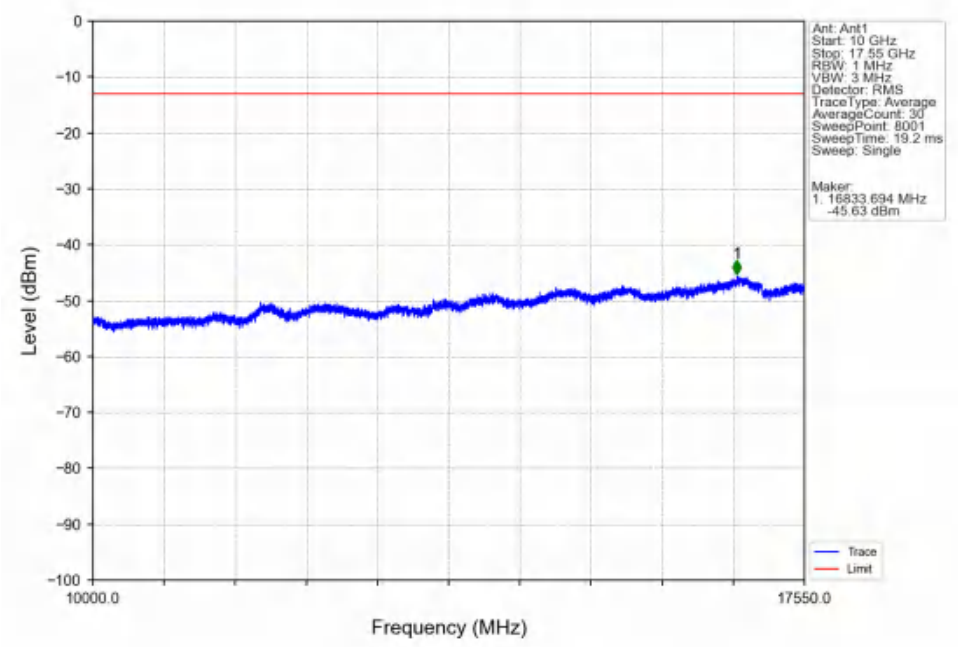
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



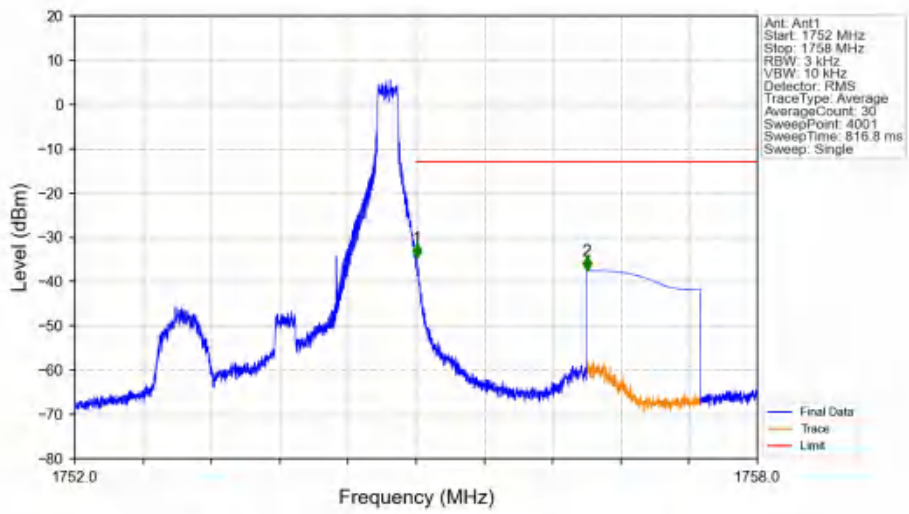
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

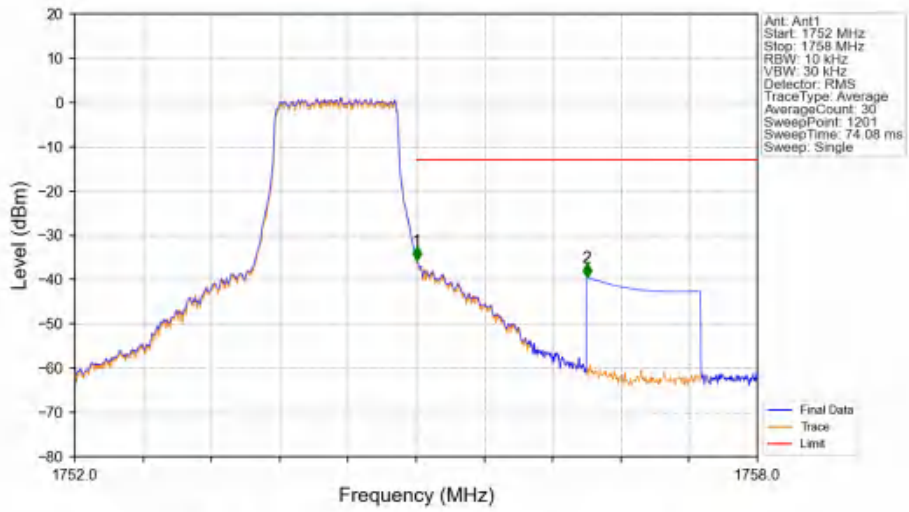


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-34.56	-13	Pass
1756	1758	1	CHP	2	1756.500	-37.51	-13	Pass

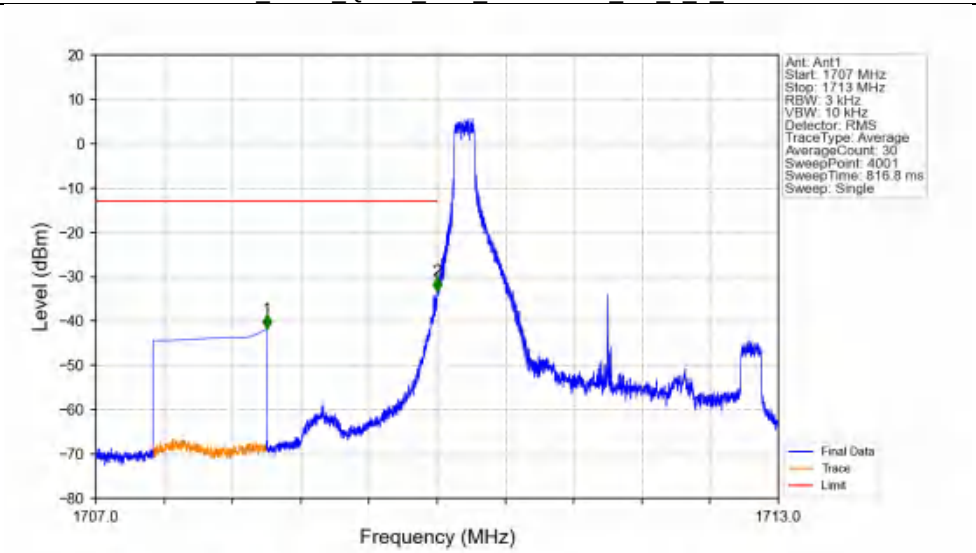
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-35.71	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.46	-13	Pass

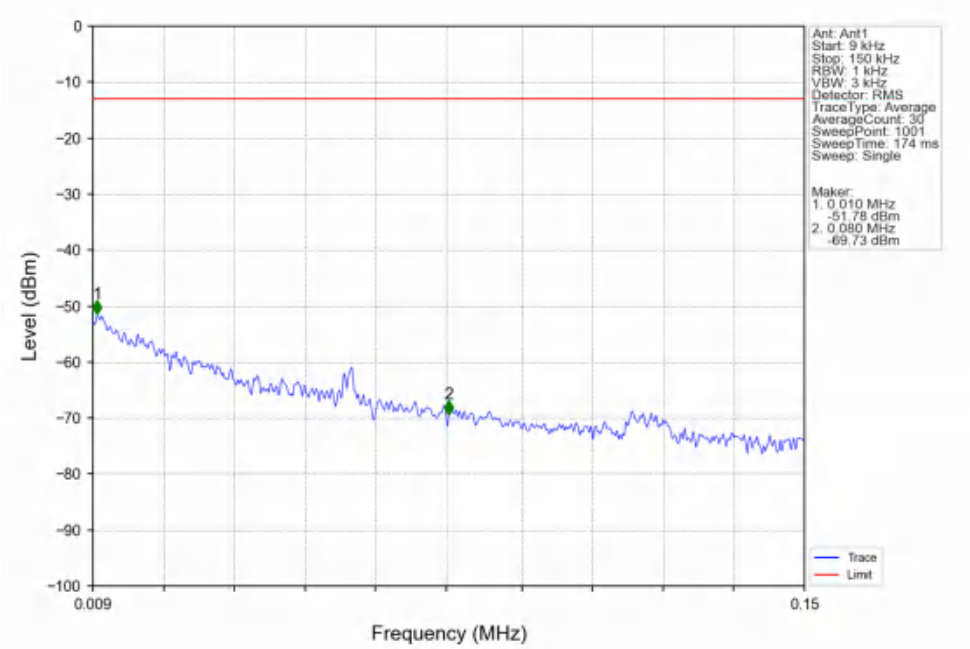
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

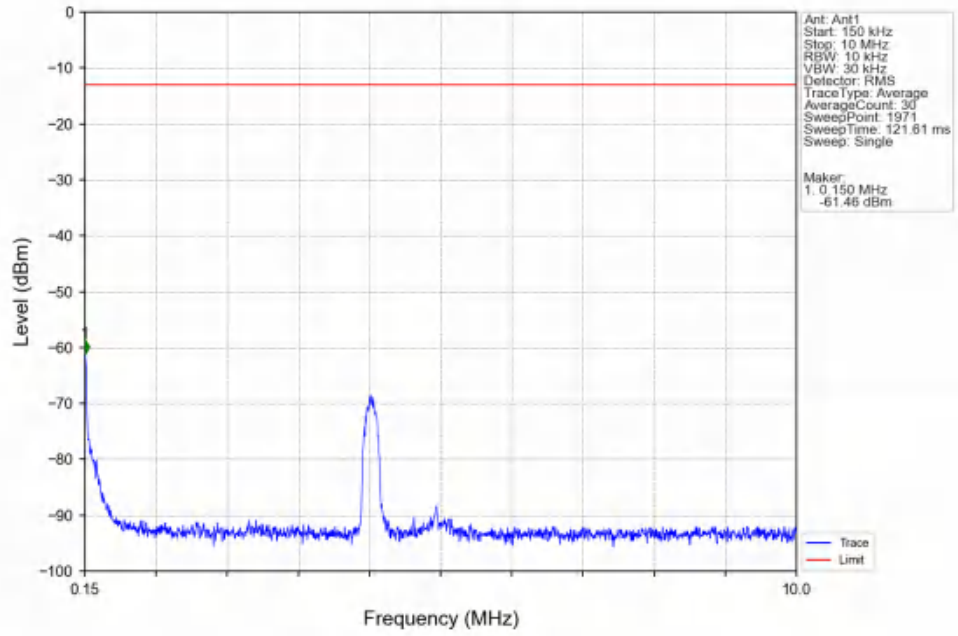


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-41.76	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.22	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

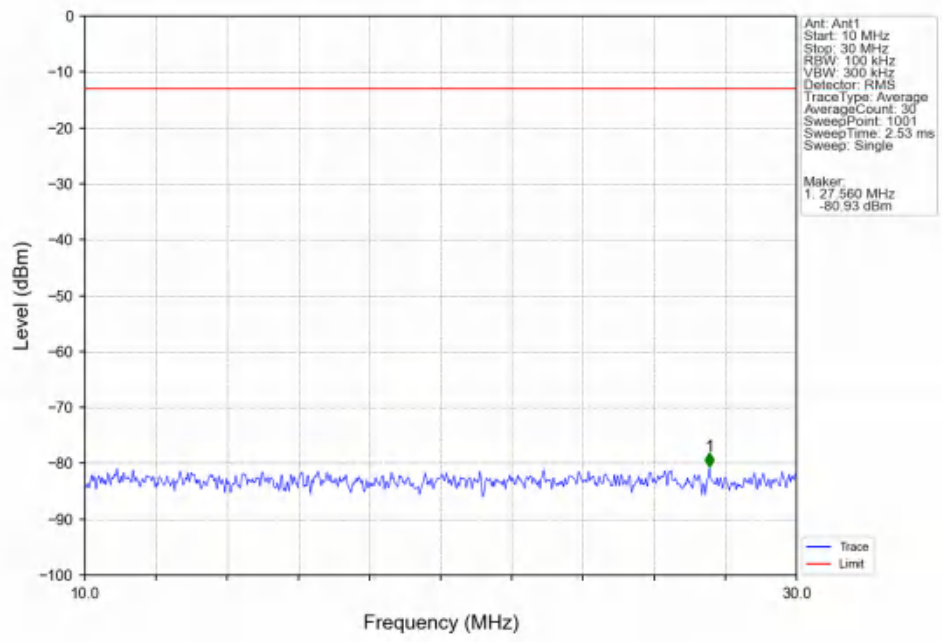
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



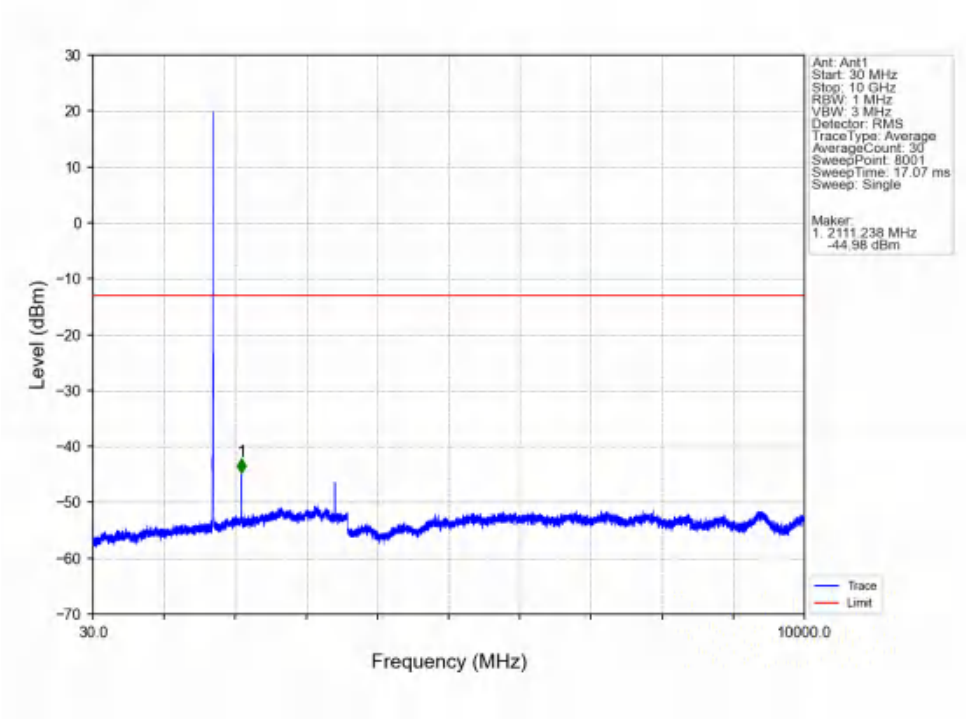
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



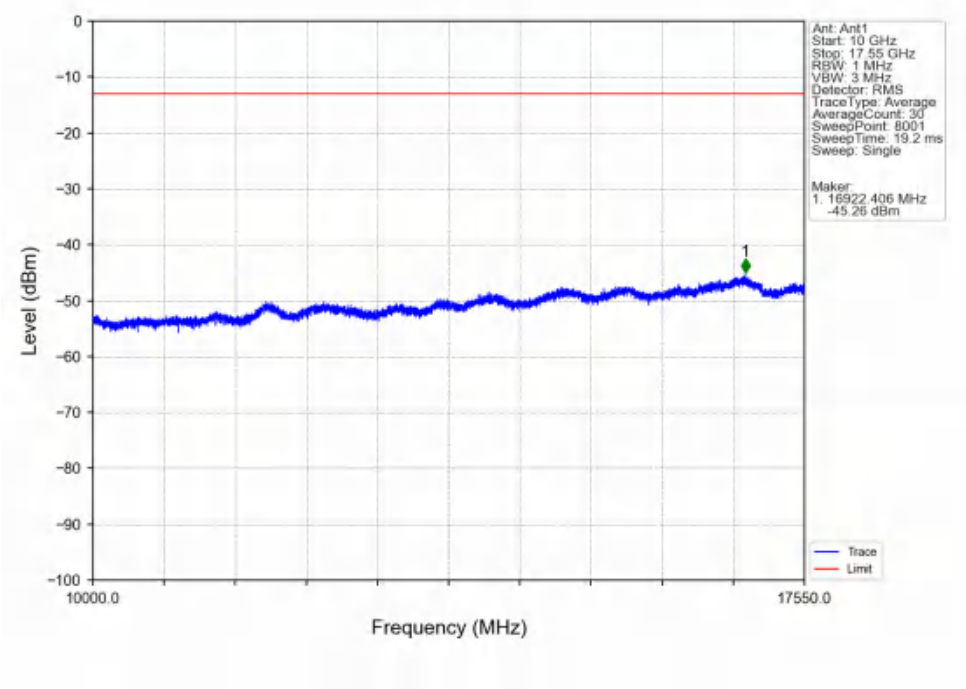
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



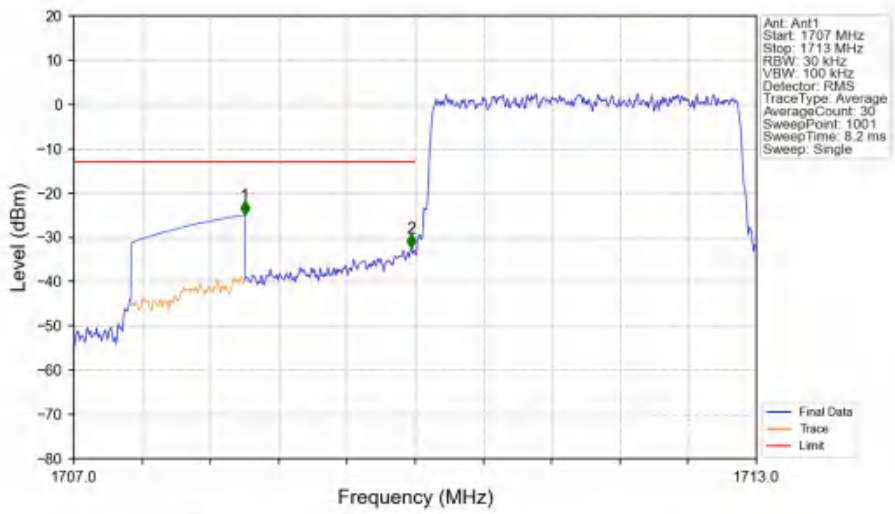
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

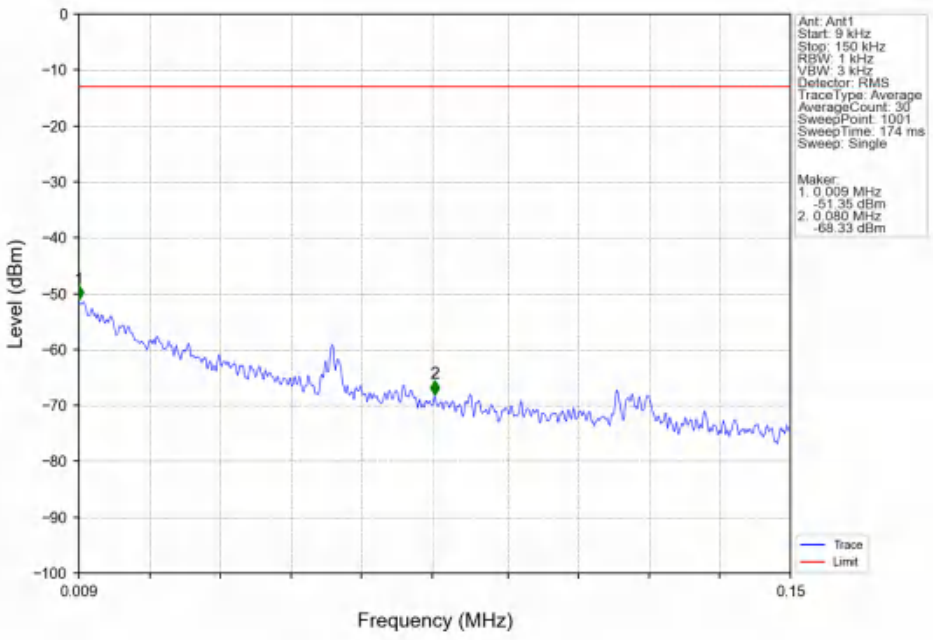


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

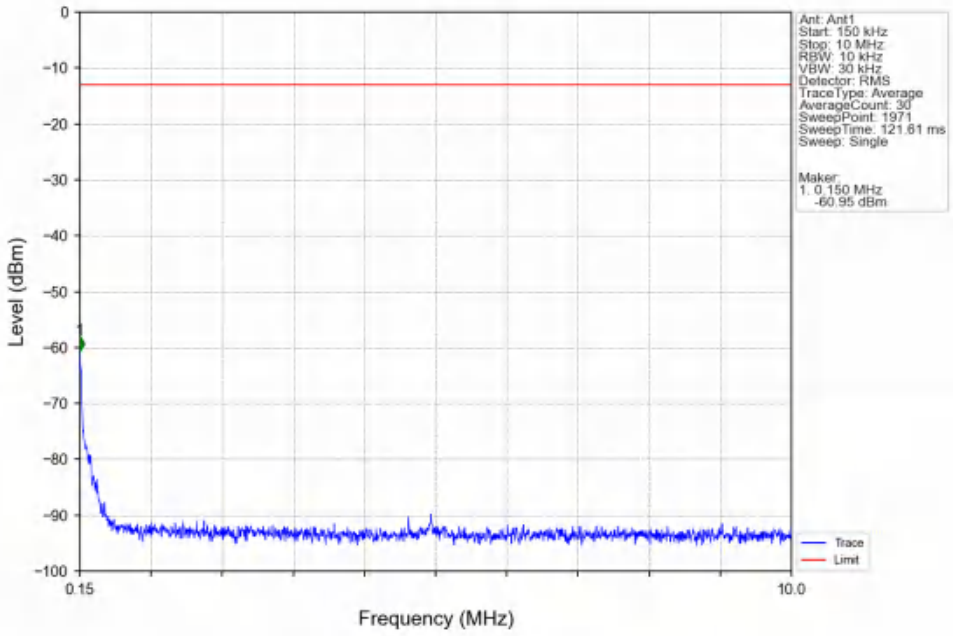


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.98	-13	Pass
1709	1710	0.03	/	2	1709.964	-32.45	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

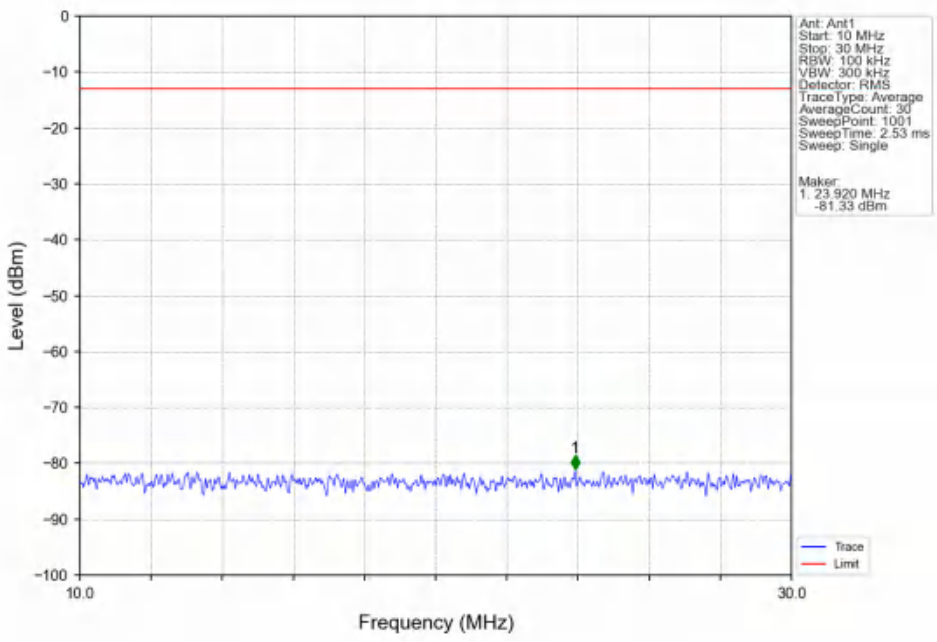
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



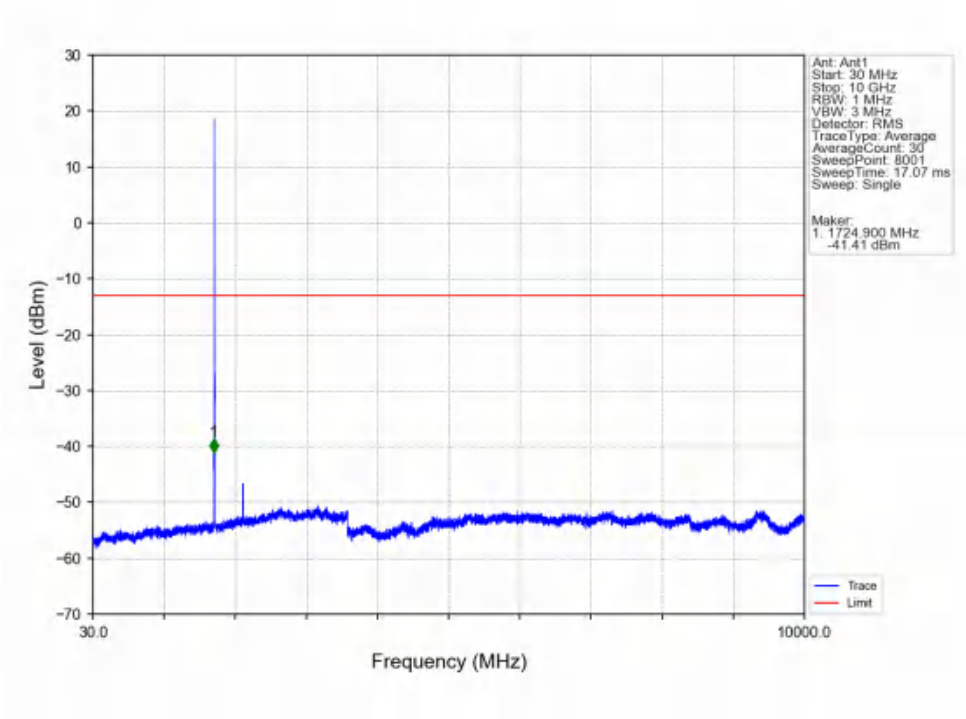
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



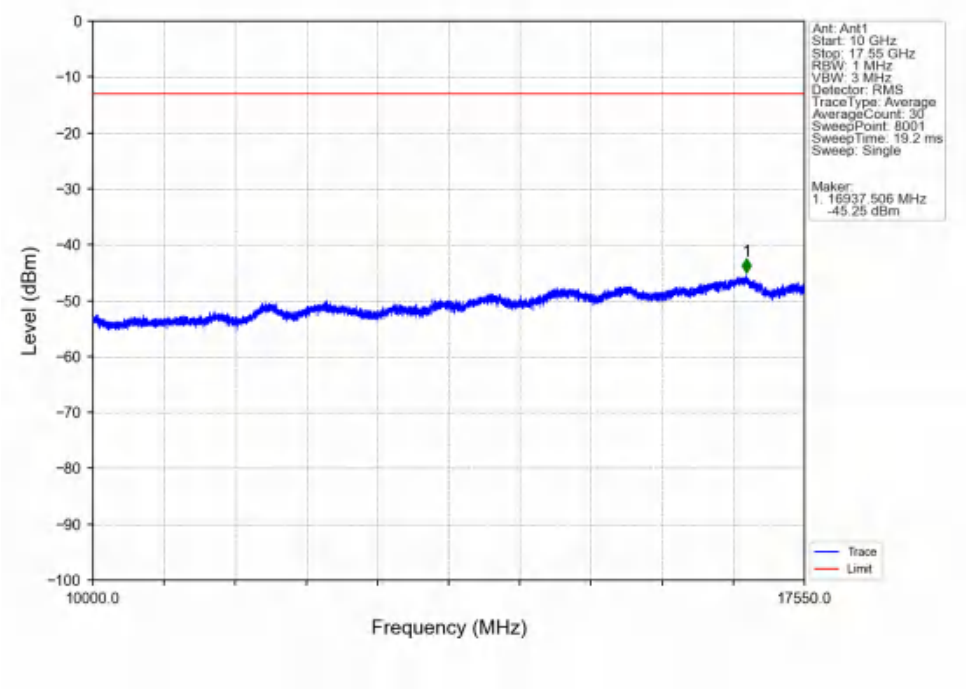
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



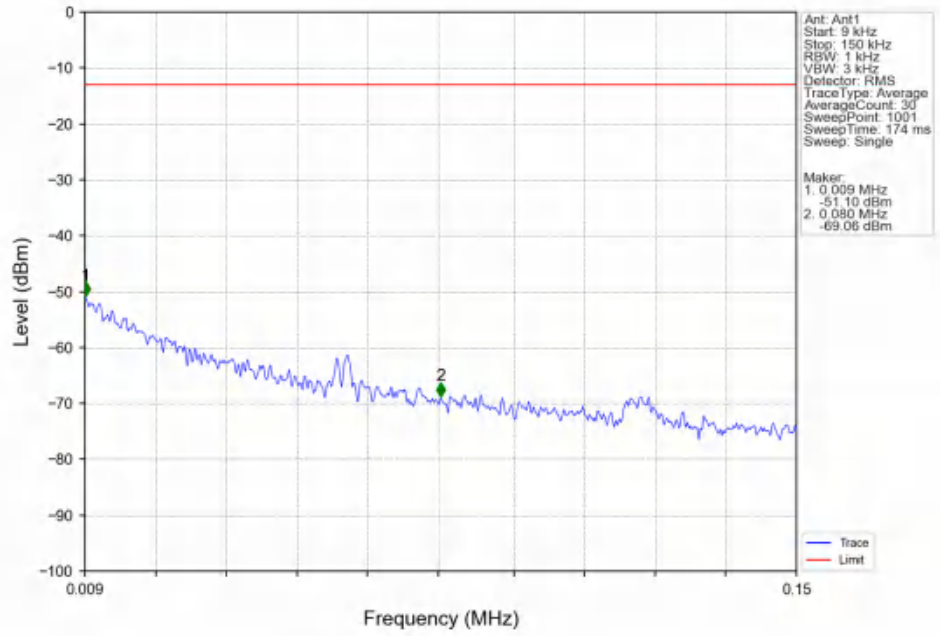
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



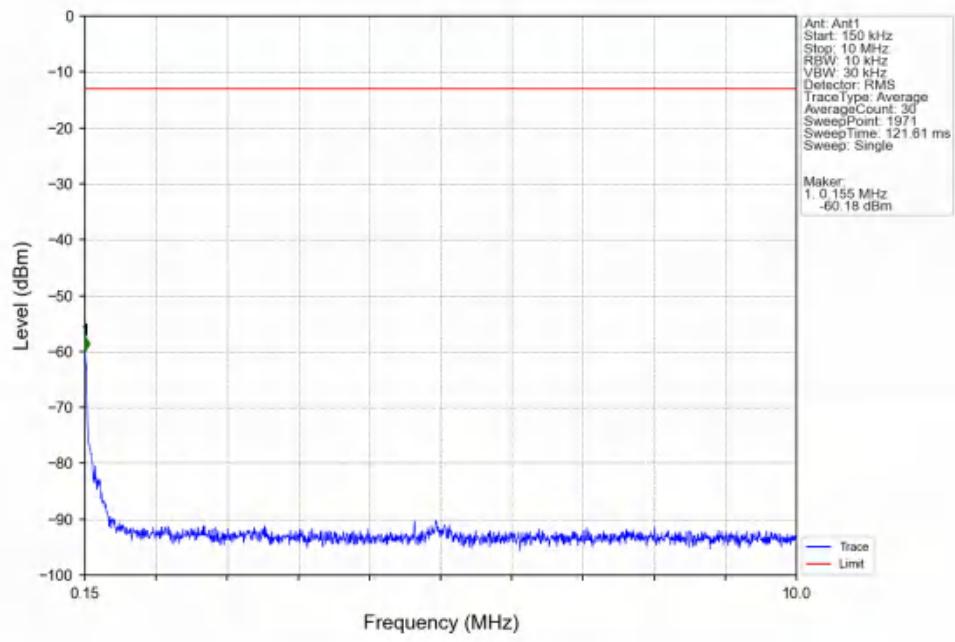
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



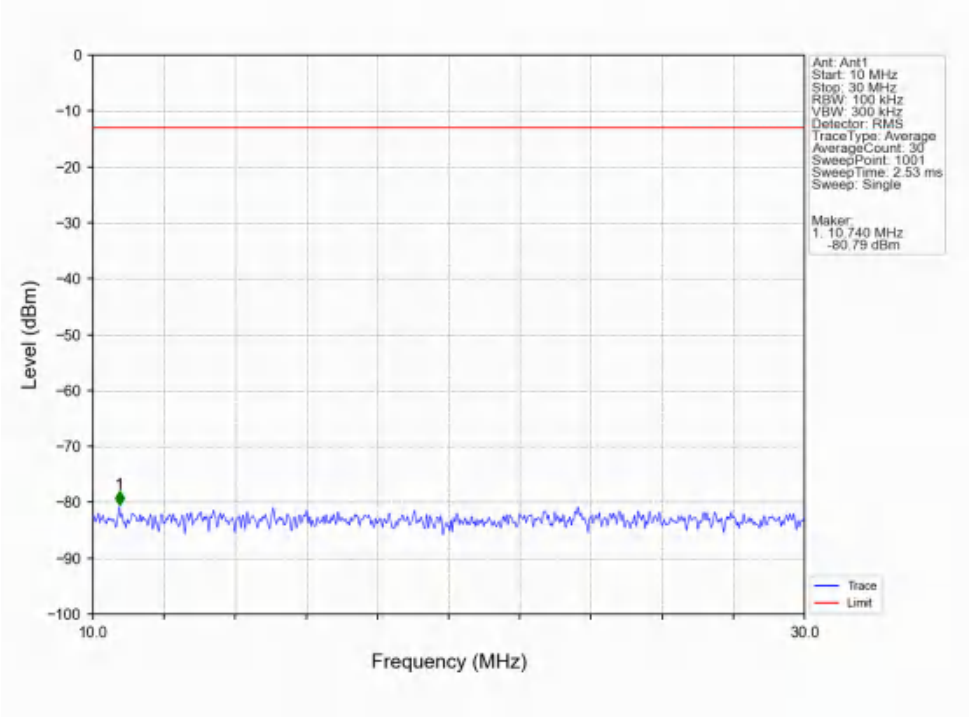
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



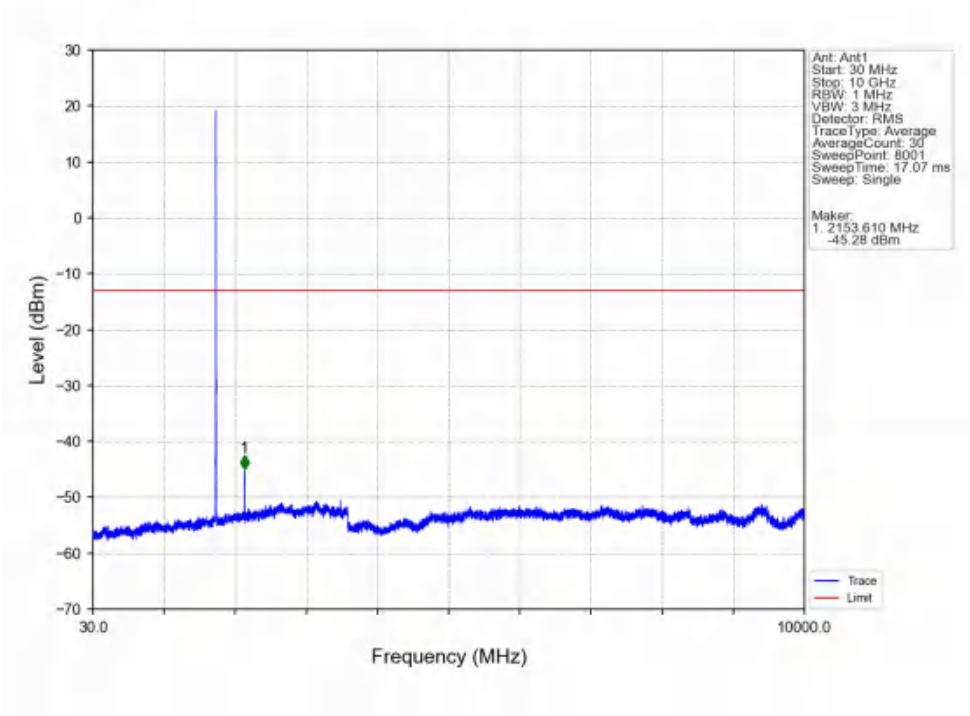
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



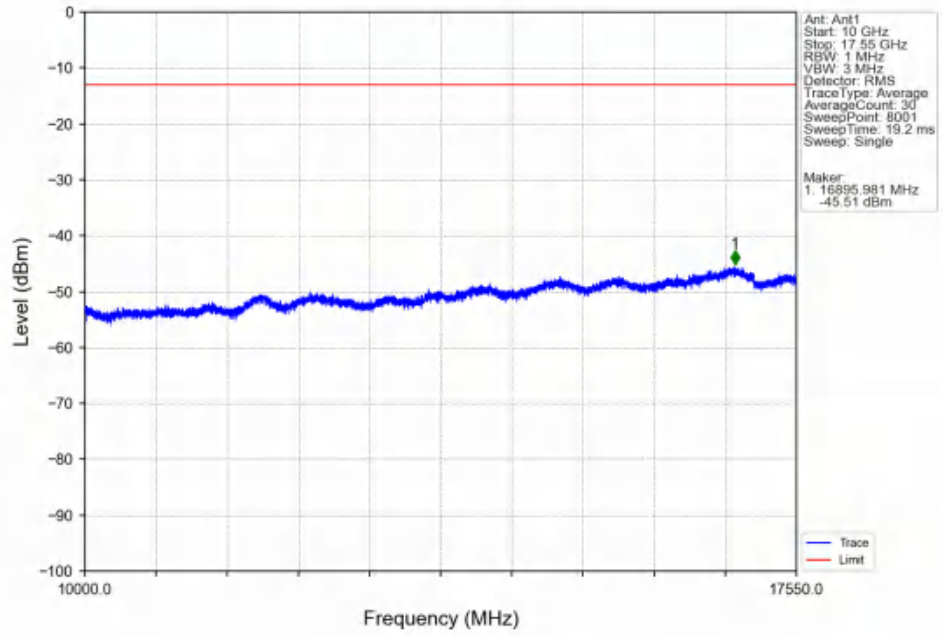
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



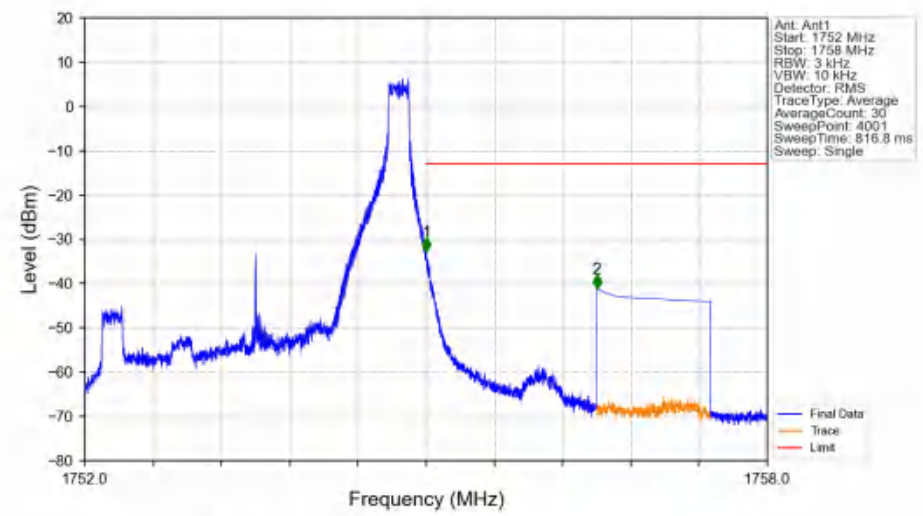
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

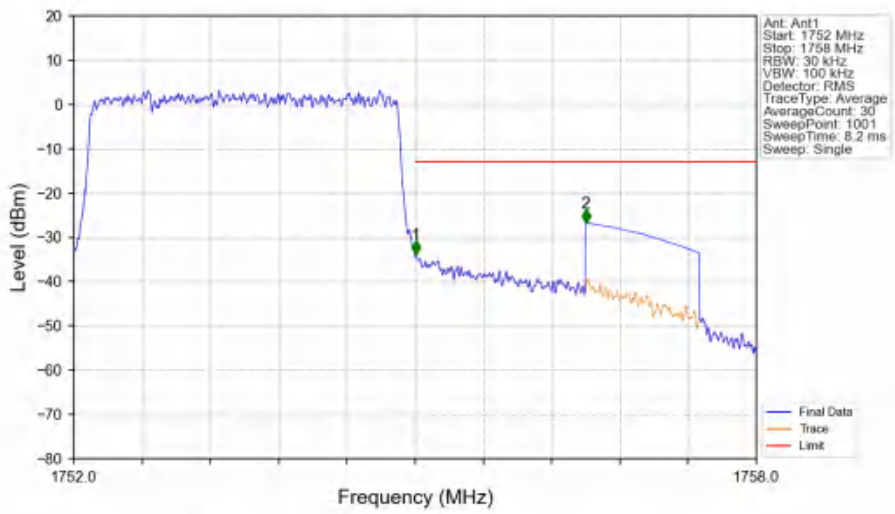


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



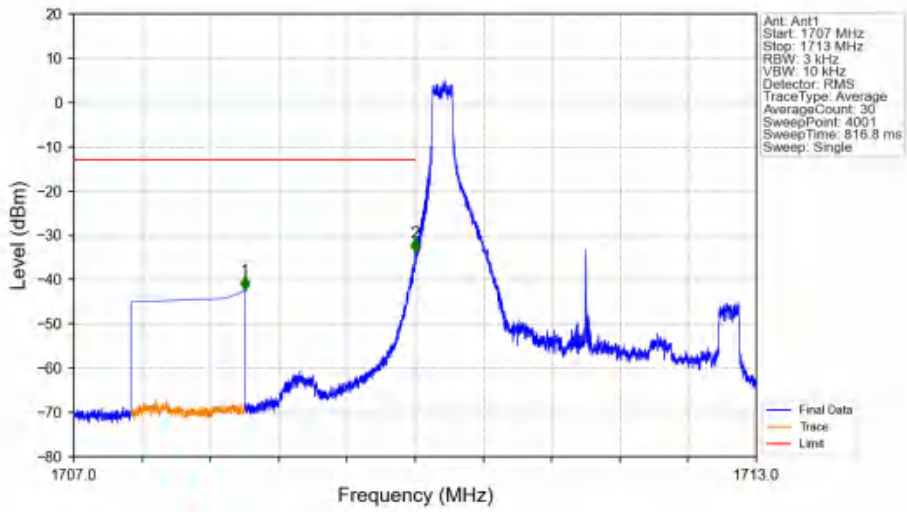
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.84	-13	Pass
1756	1758	1	CHP	2	1756.500	-41.07	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



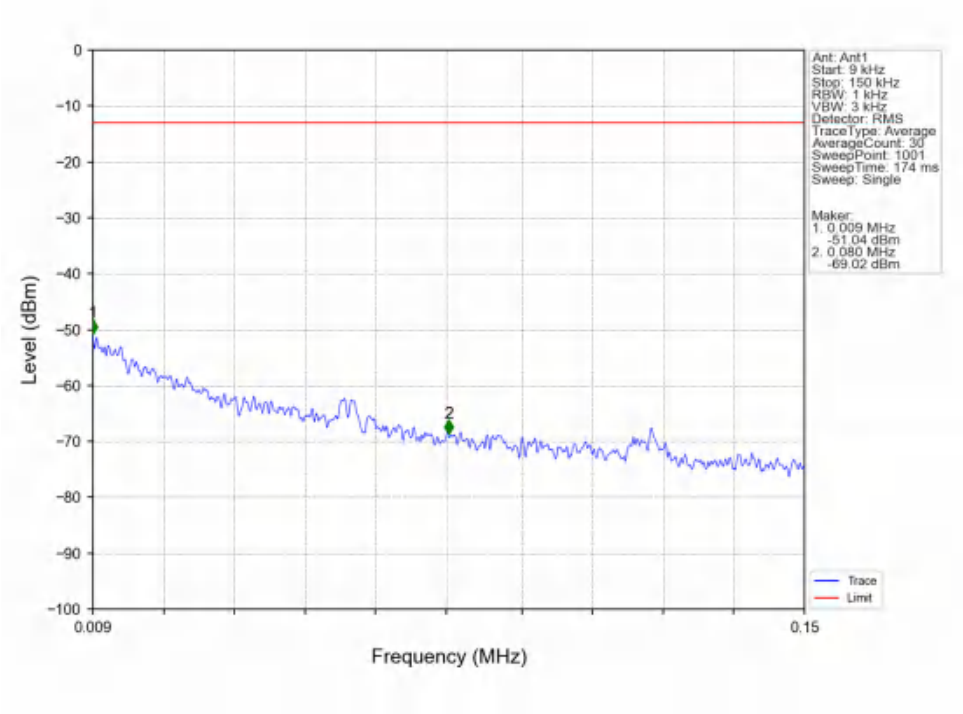
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-33.94	-13	Pass
1756	1758	1	CHP	2	1756.500	-26.83	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

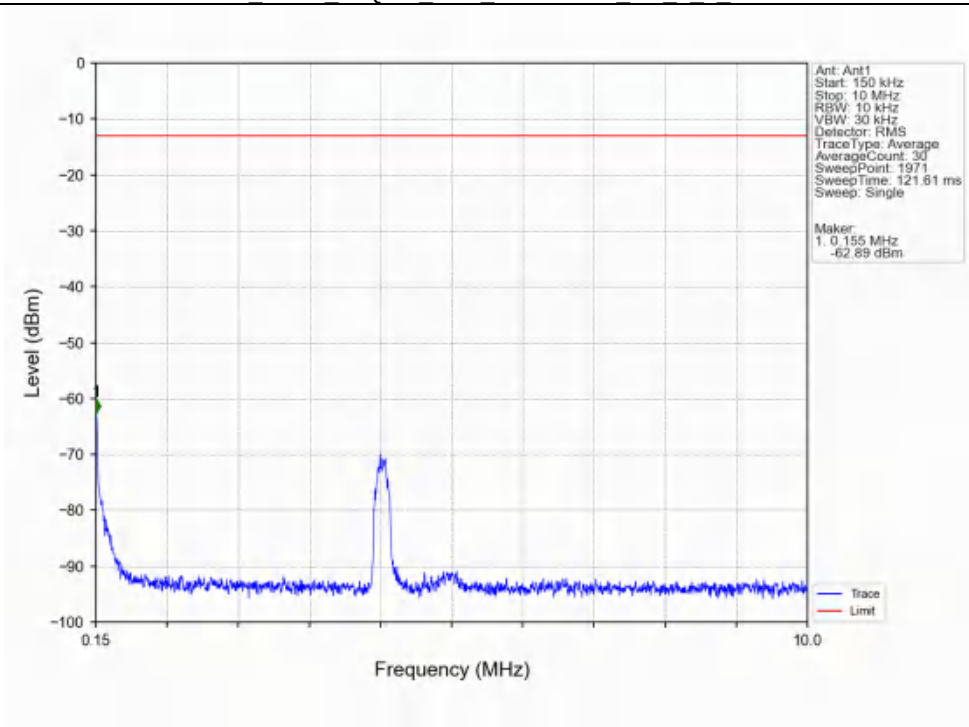


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-42.47	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.85	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

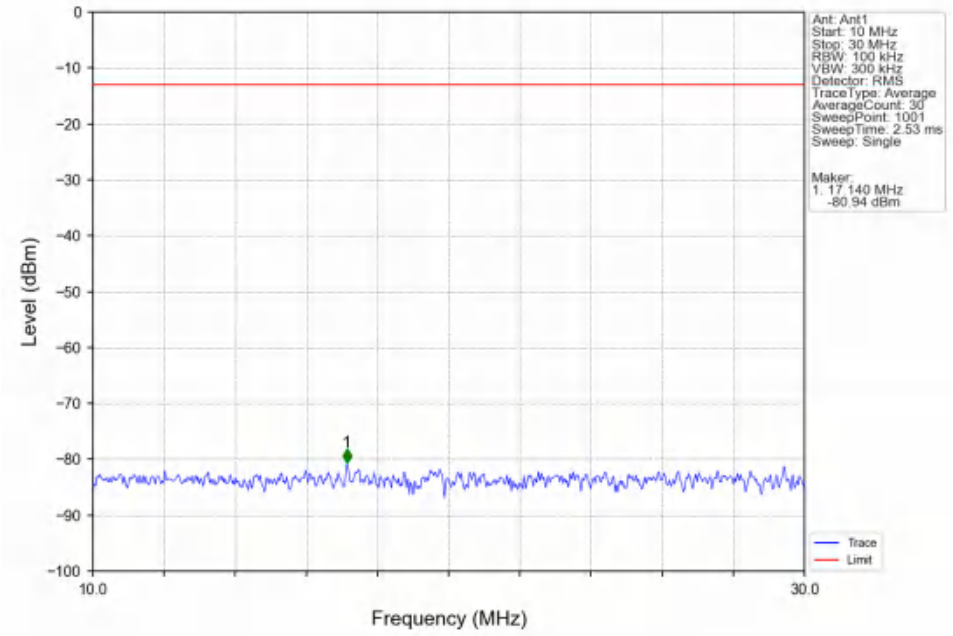
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



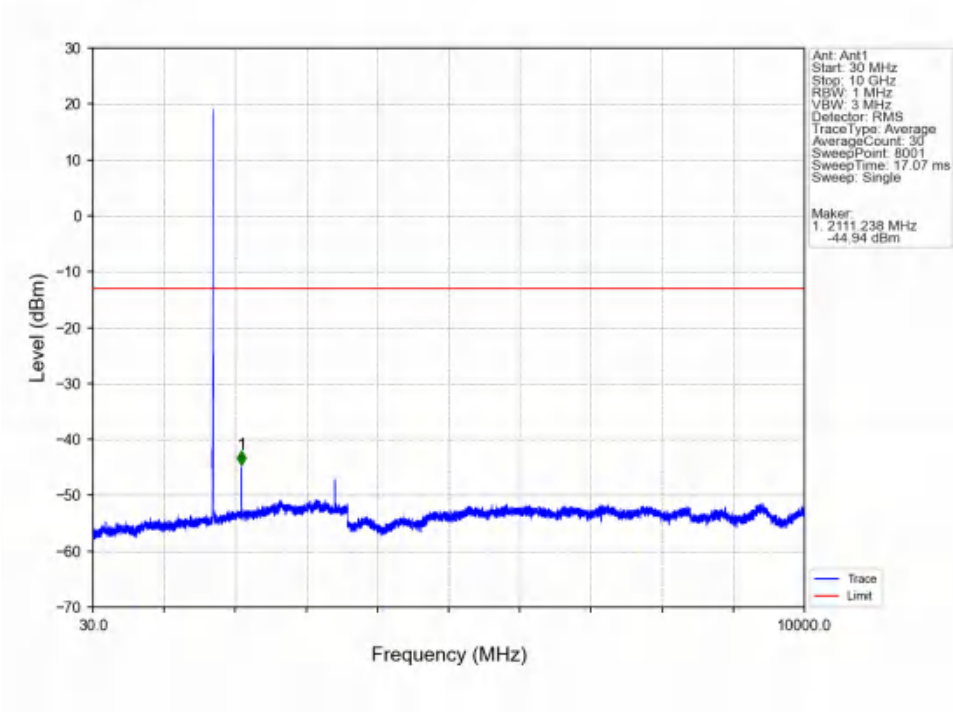
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



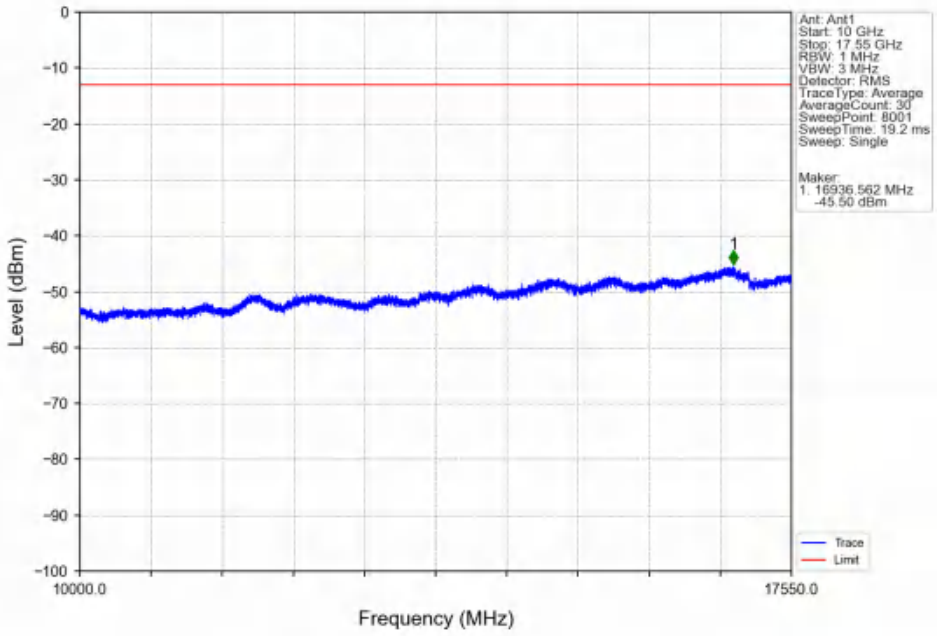
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



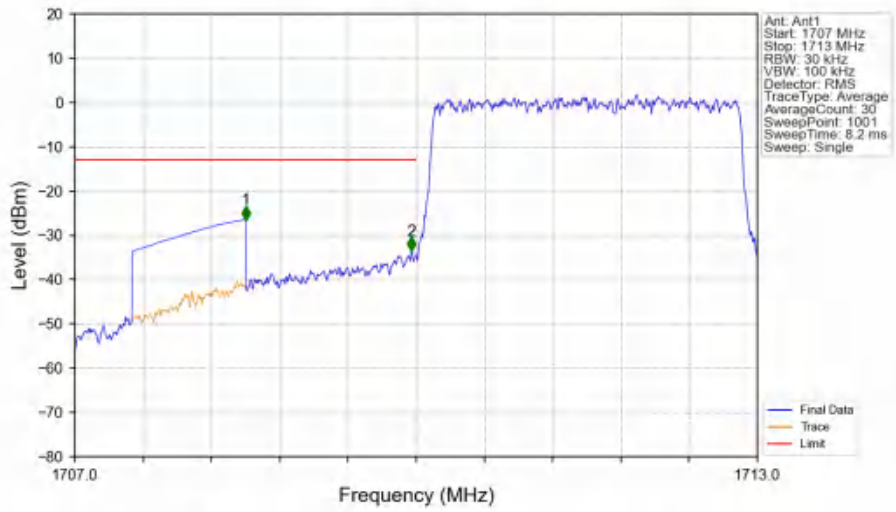
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

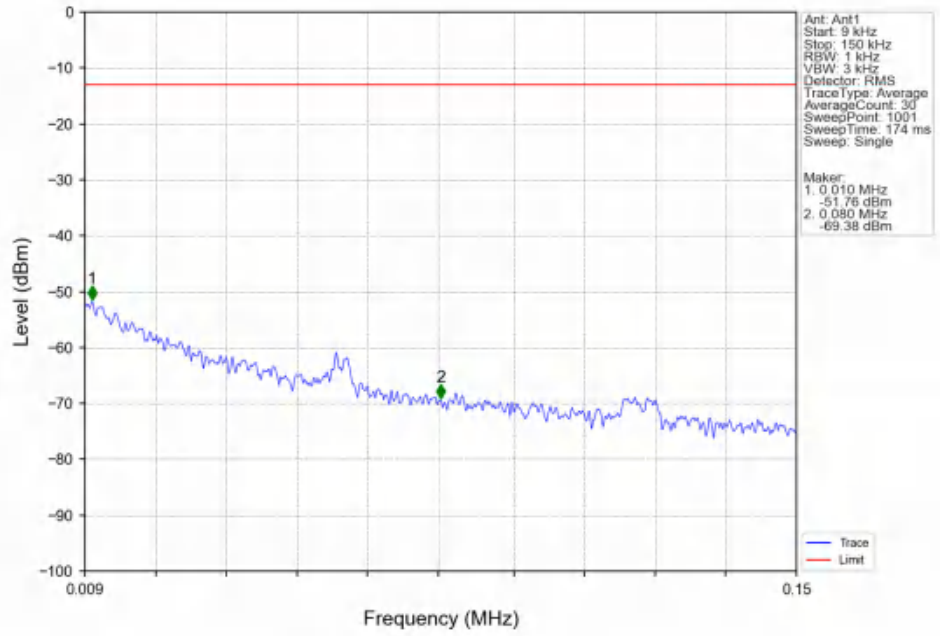


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

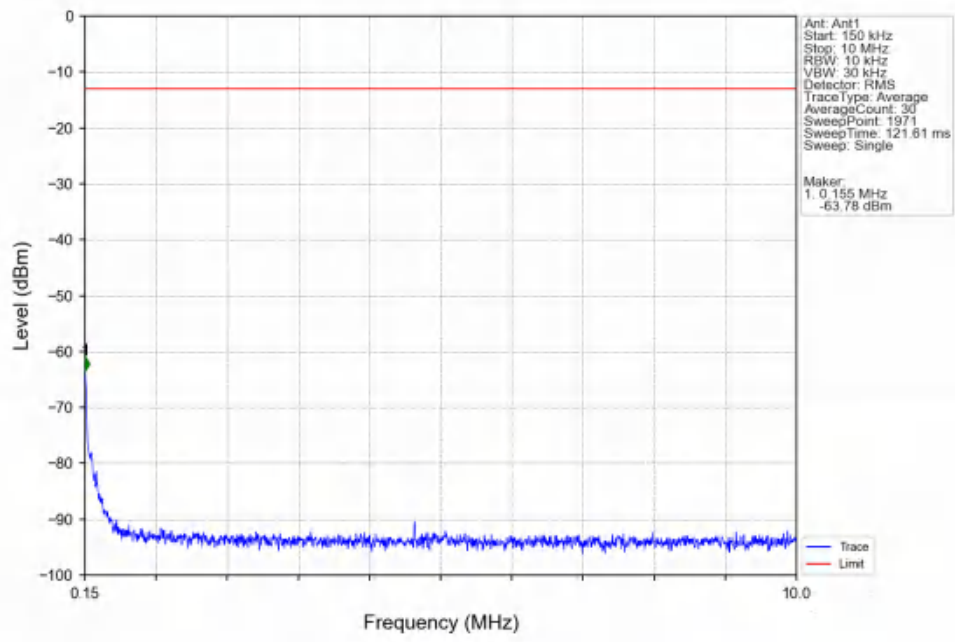


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.48	-13	Pass
1709	1710	0.03	/	2	1709.958	-33.56	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

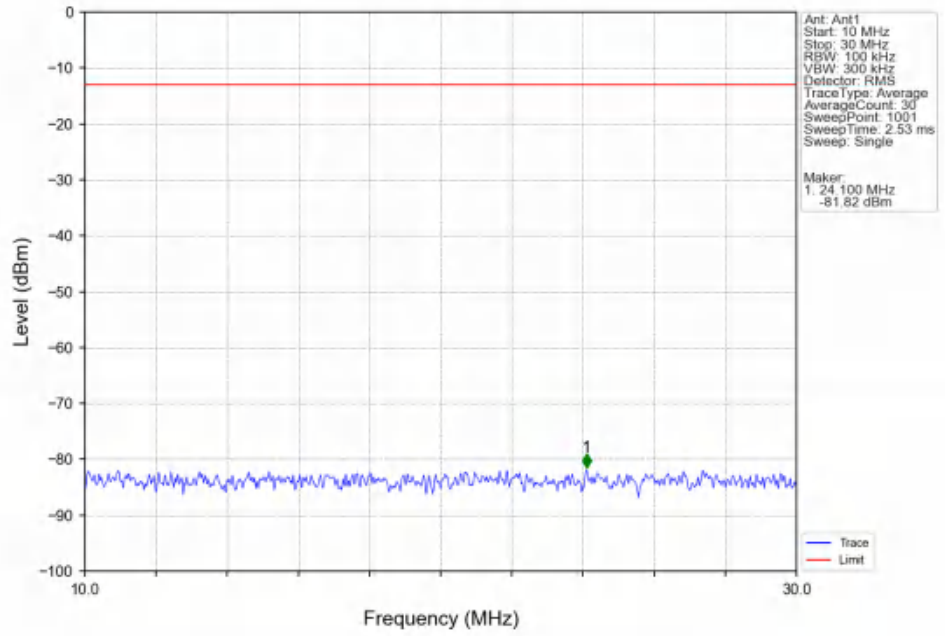
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



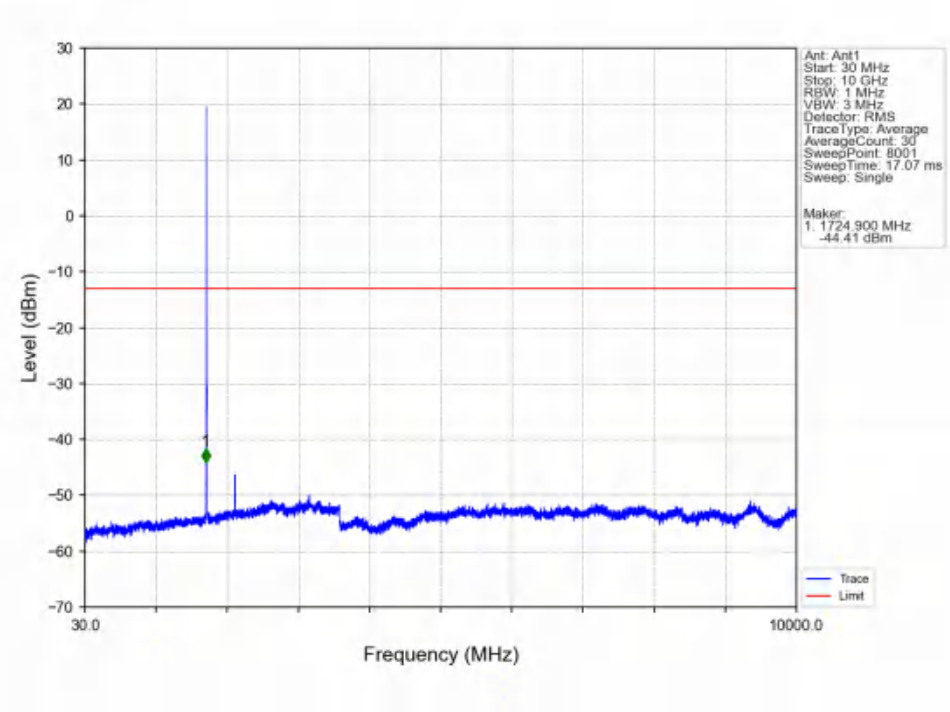
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



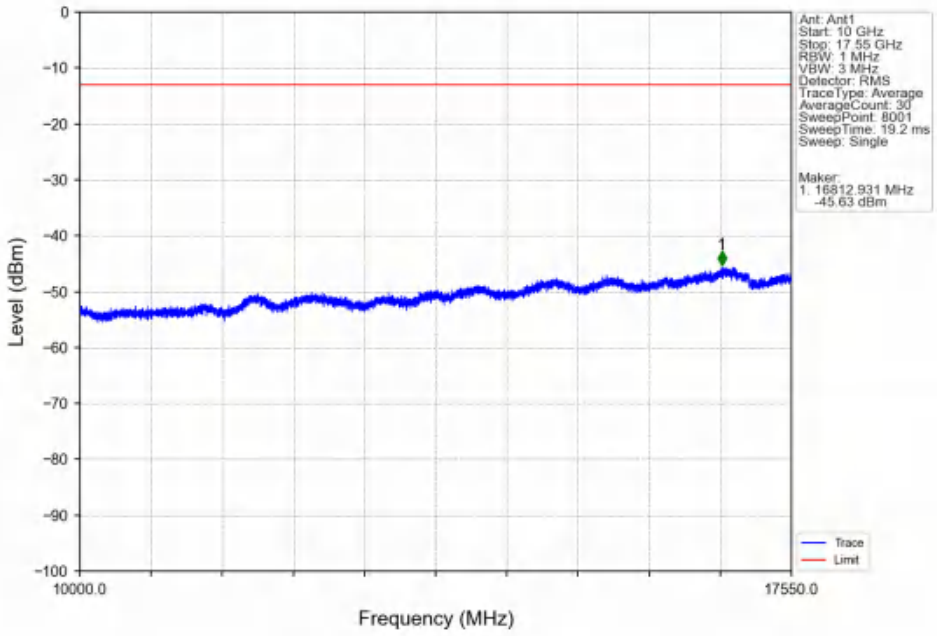
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



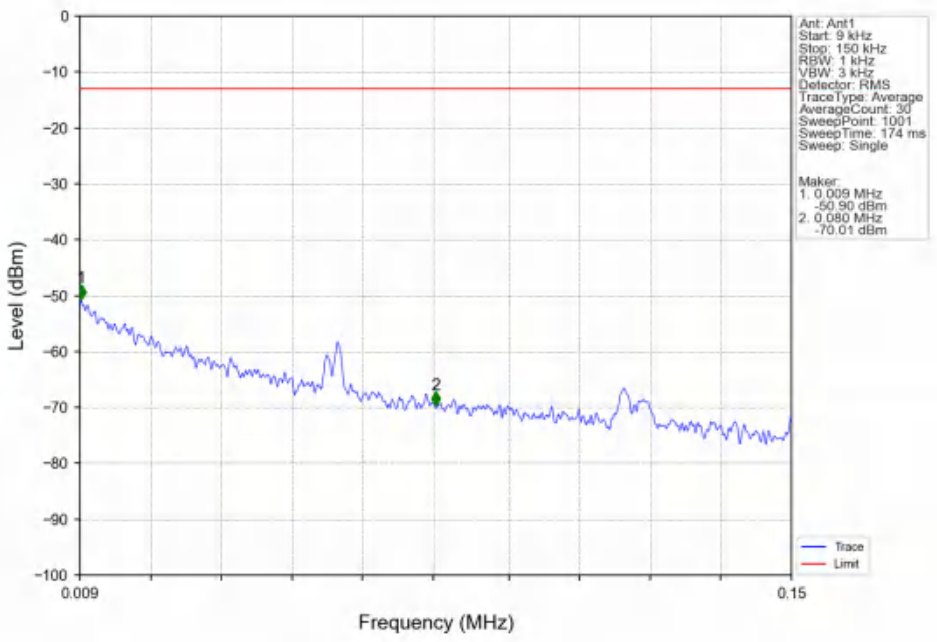
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



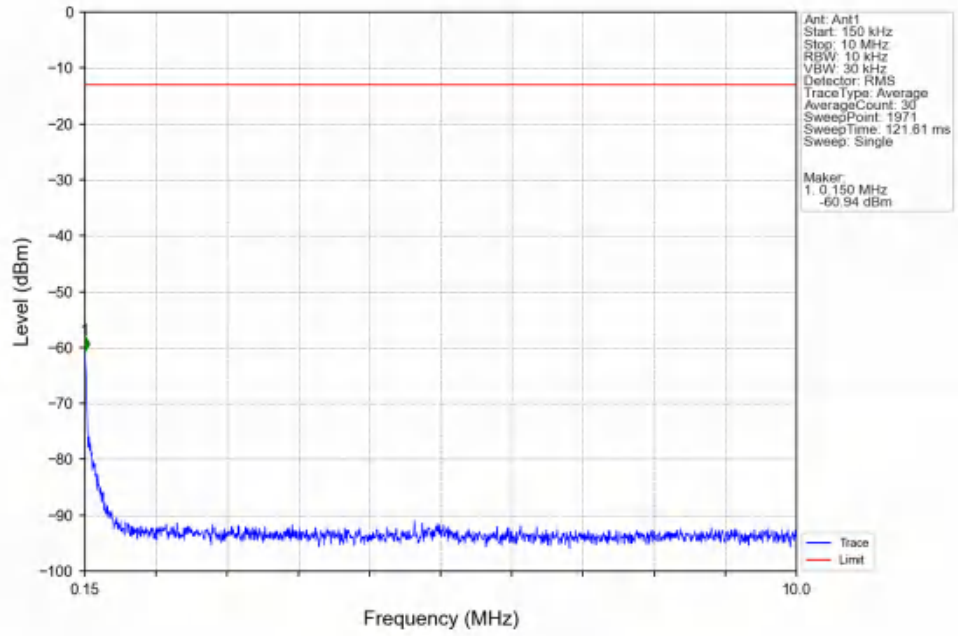
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



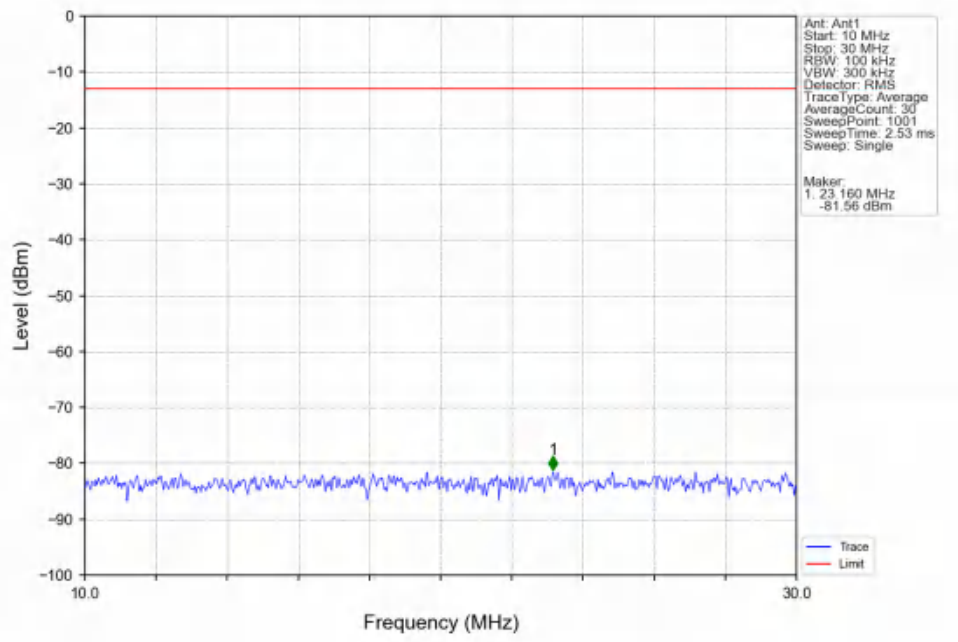
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



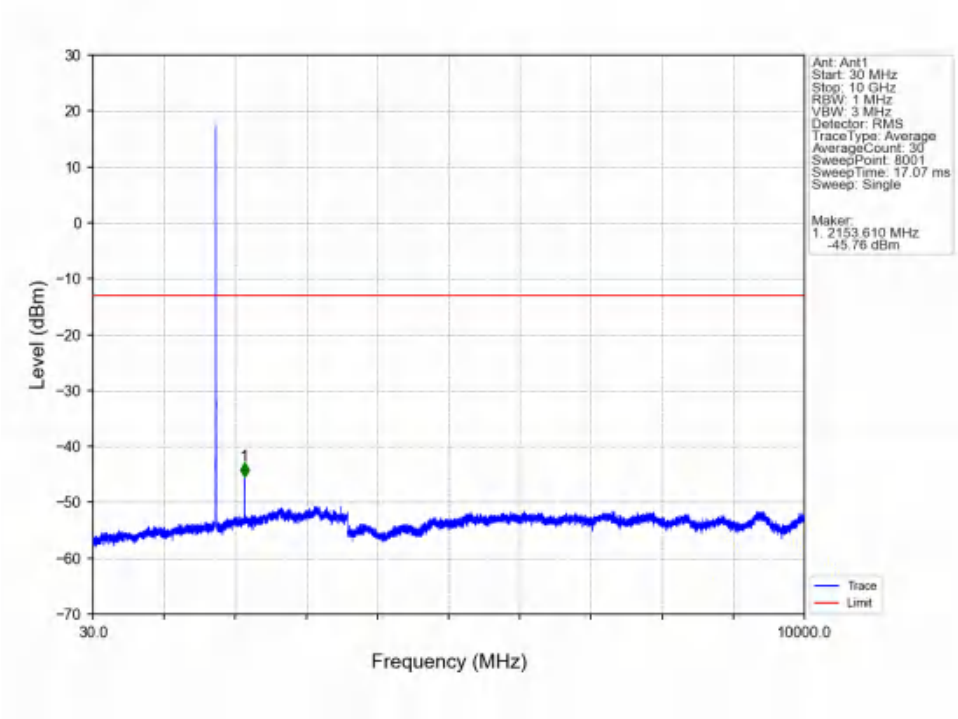
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



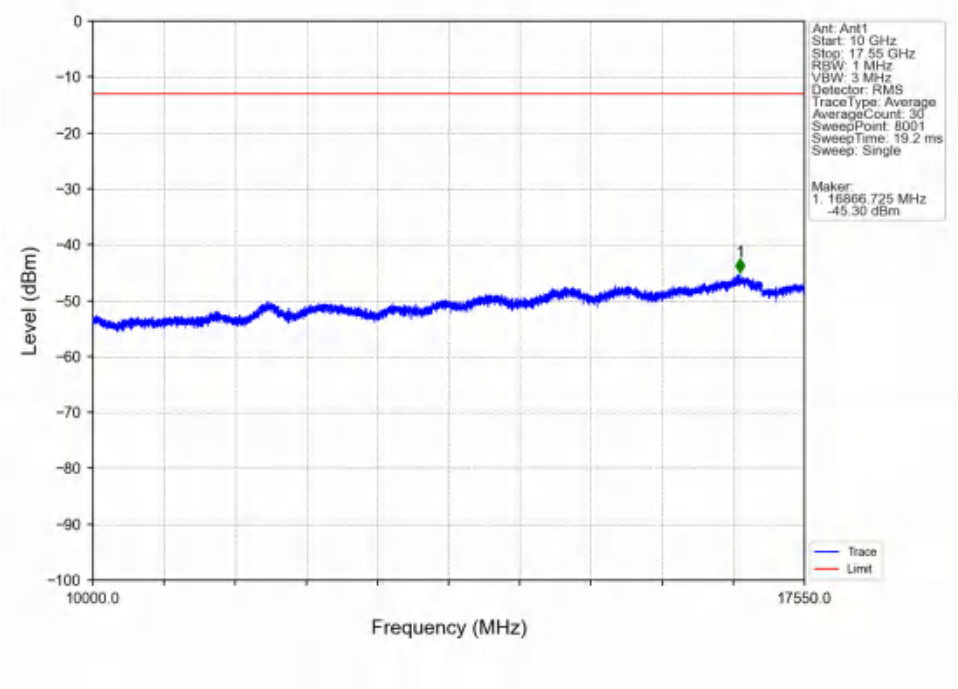
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



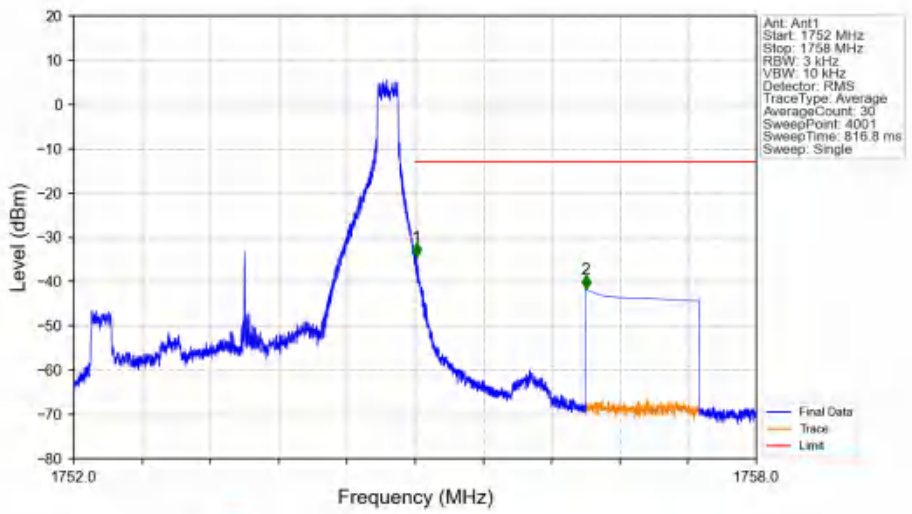
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

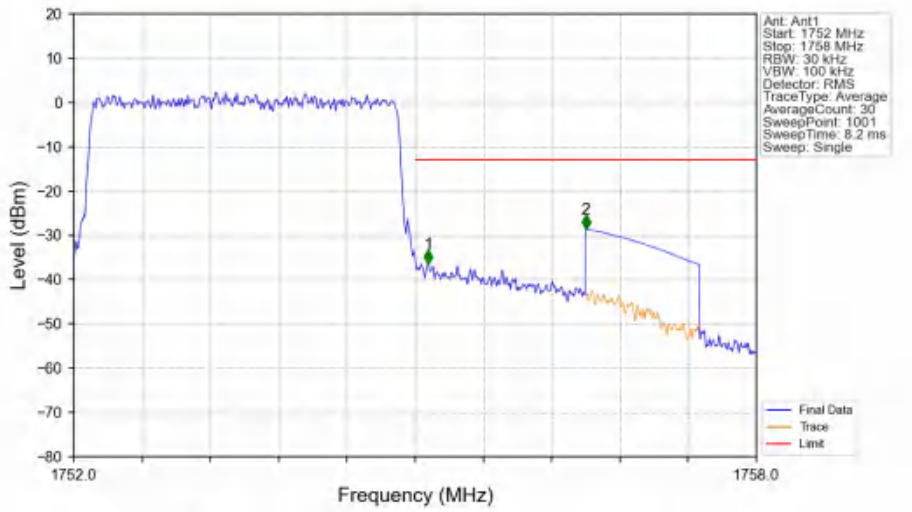


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-34.48	-13	Pass
1756	1758	1	CHP	2	1756.500	-41.76	-13	Pass

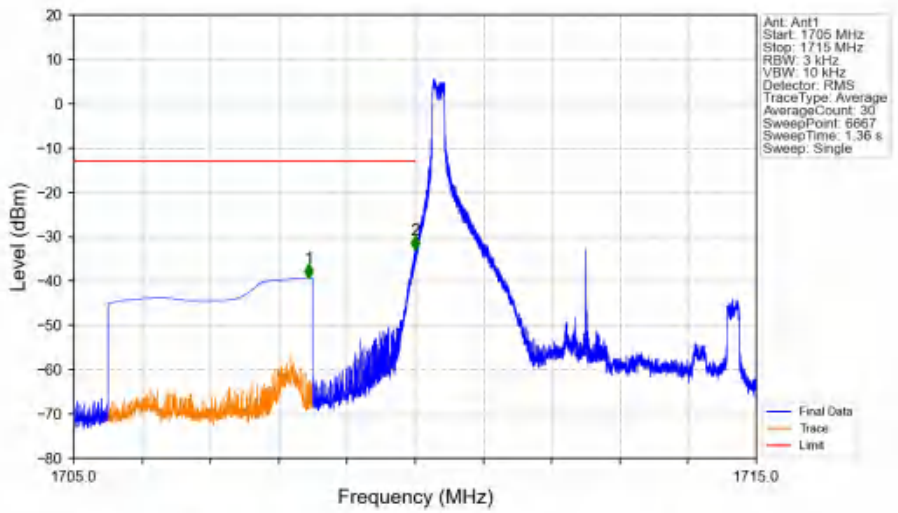
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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	1755.114	-36.35	-13	Pass
1756	1758	1	CHP	2	1756.500	-28.59	-13	Pass

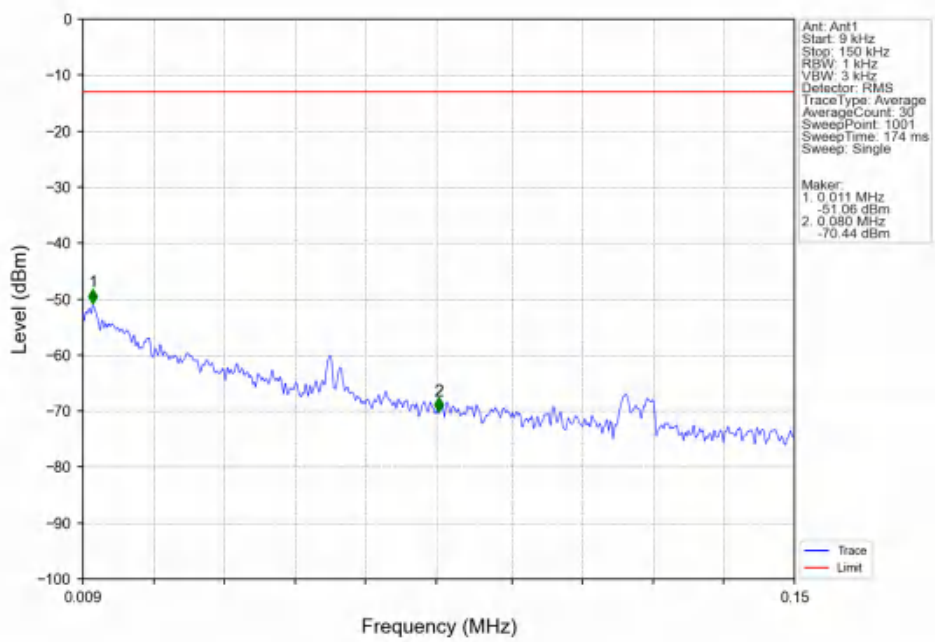
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

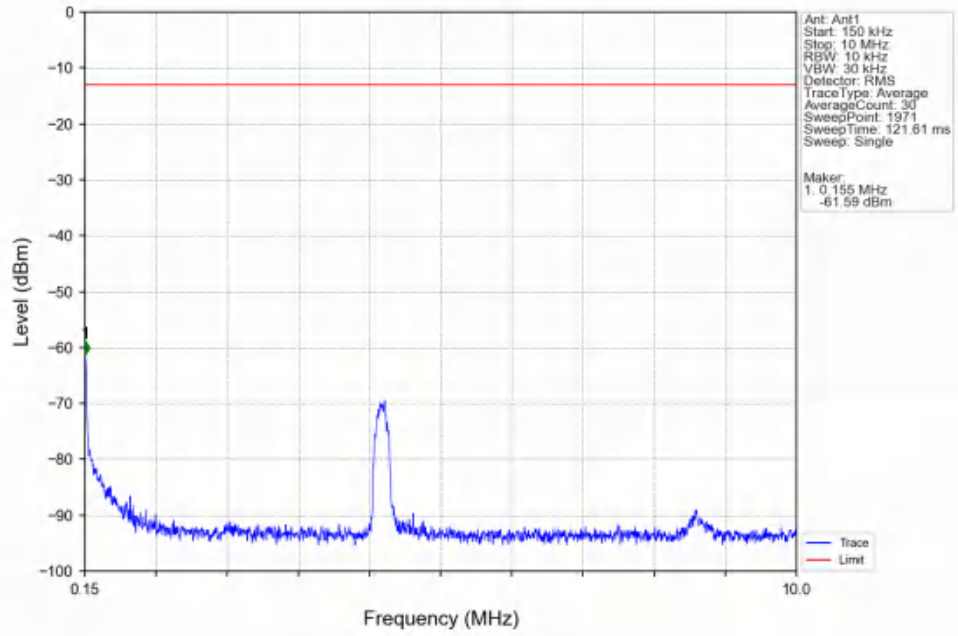


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.443	-39.28	-13	Pass
1709	1710	0.003	/	2	1709.997	-32.98	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

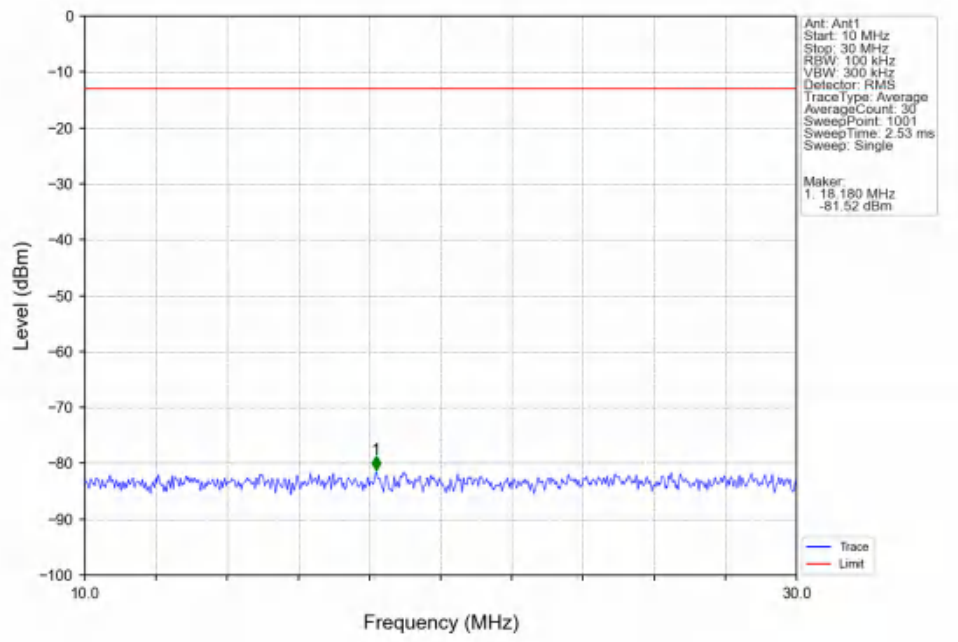
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



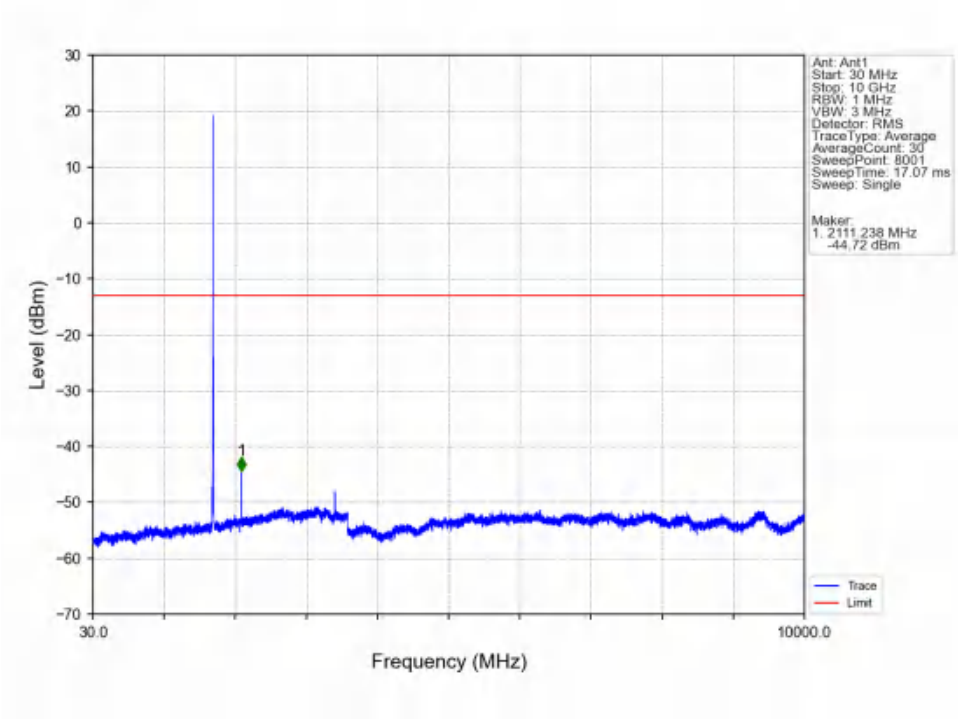
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



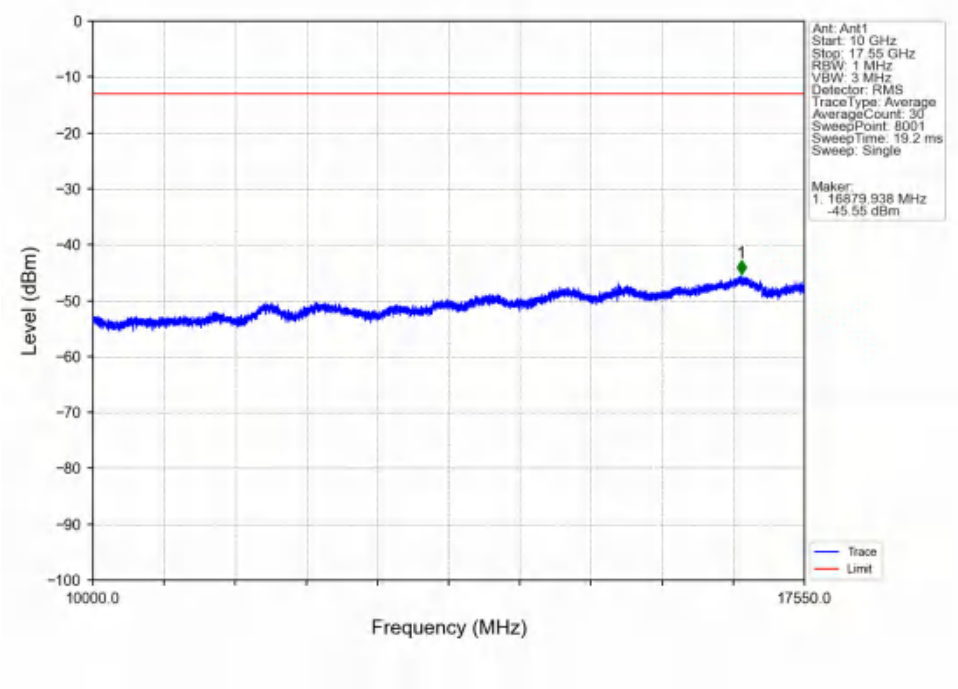
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



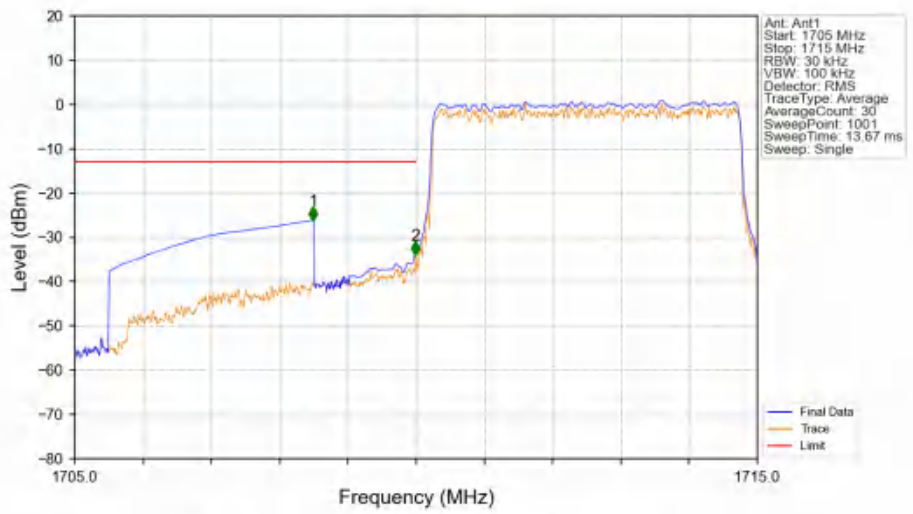
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

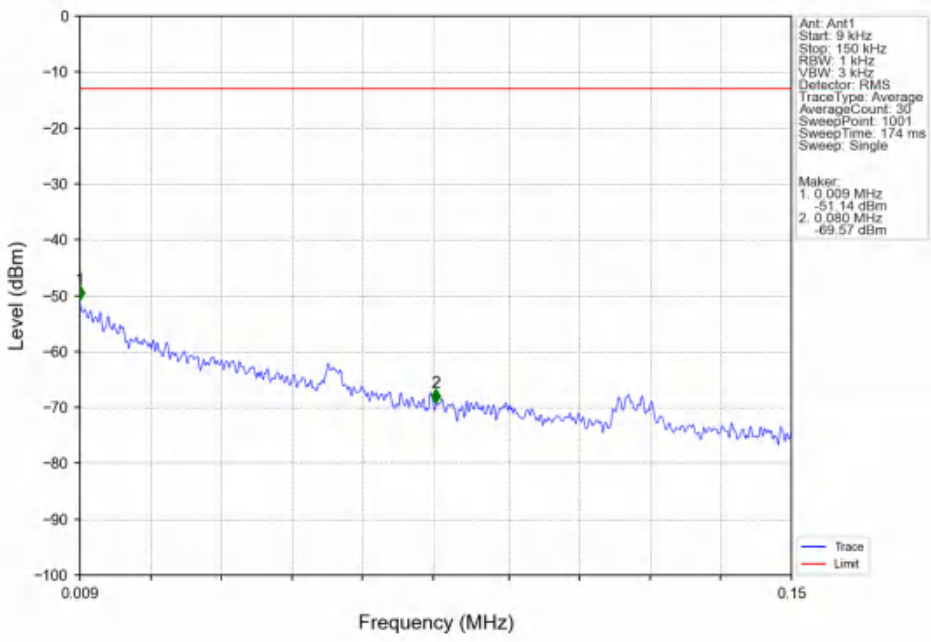


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

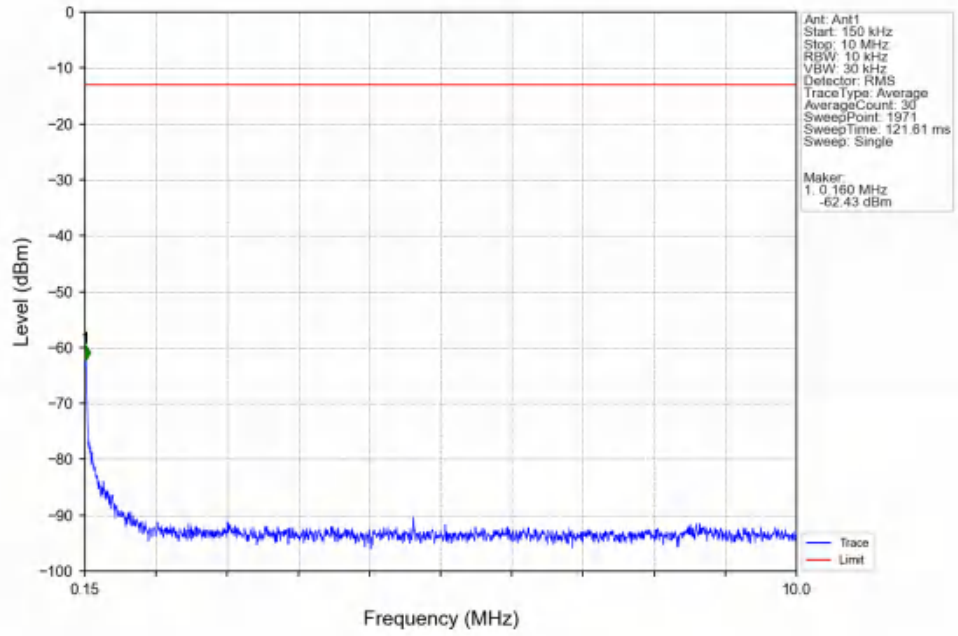


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-26.15	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-33.98	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

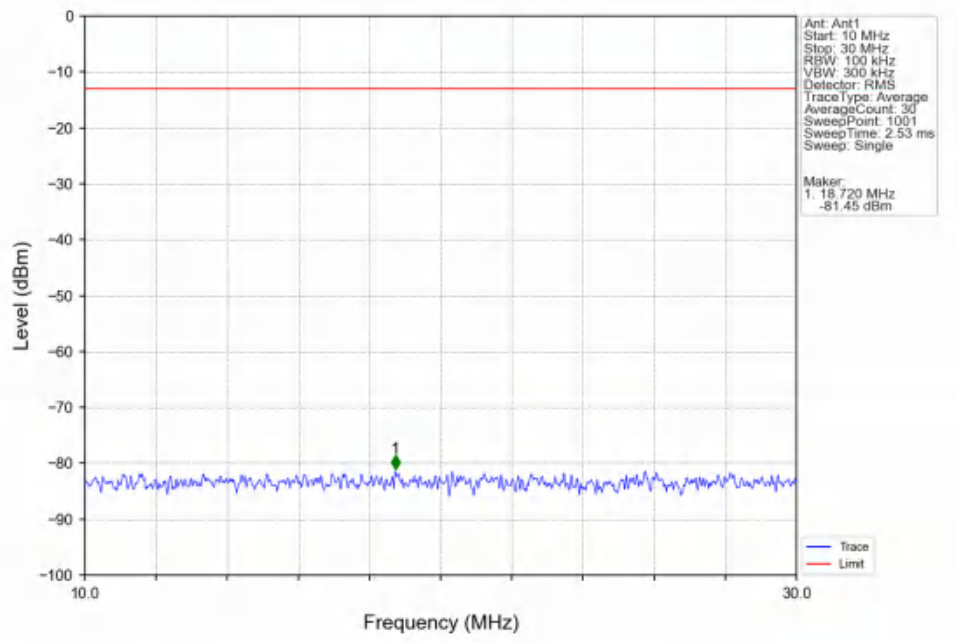
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



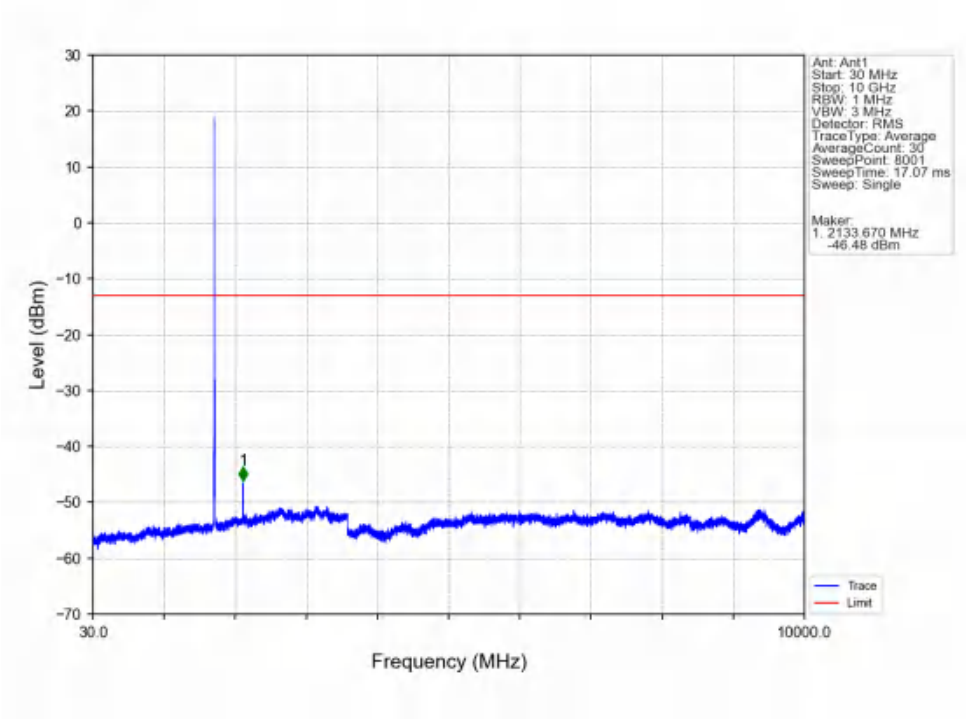
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



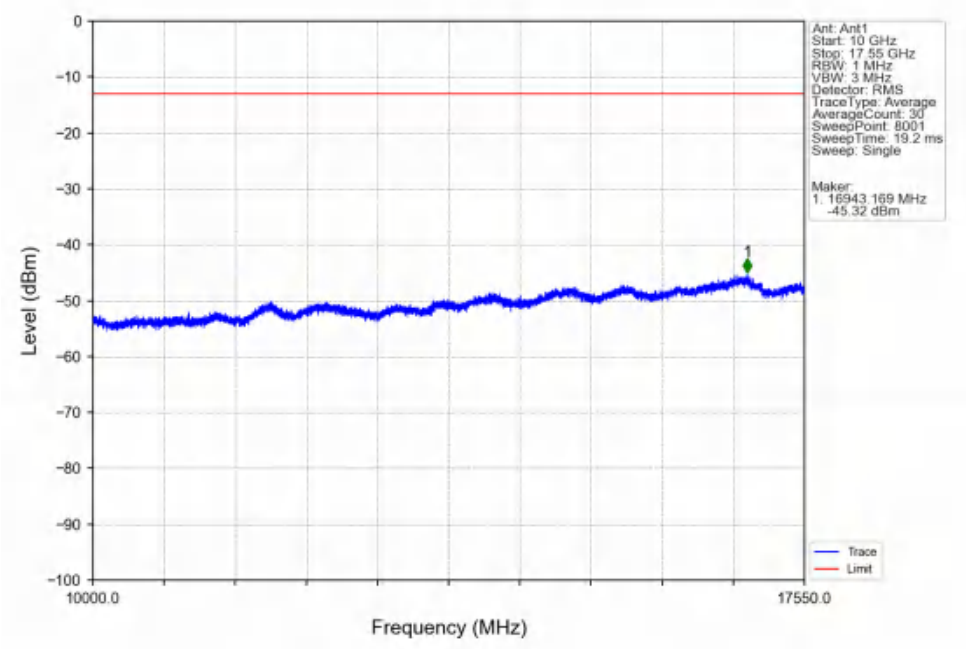
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



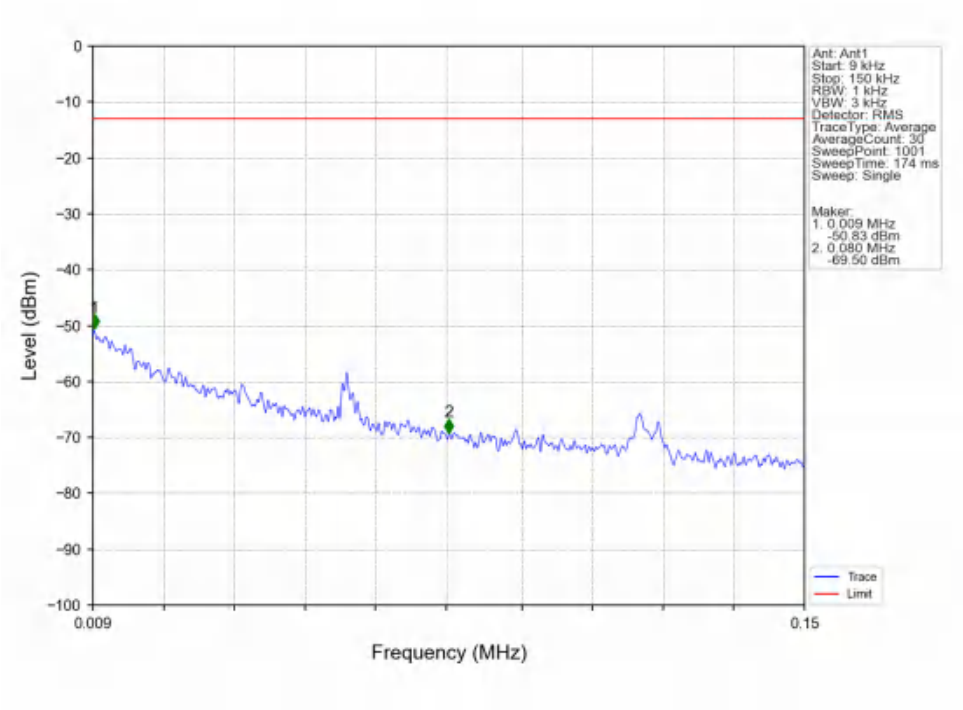
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



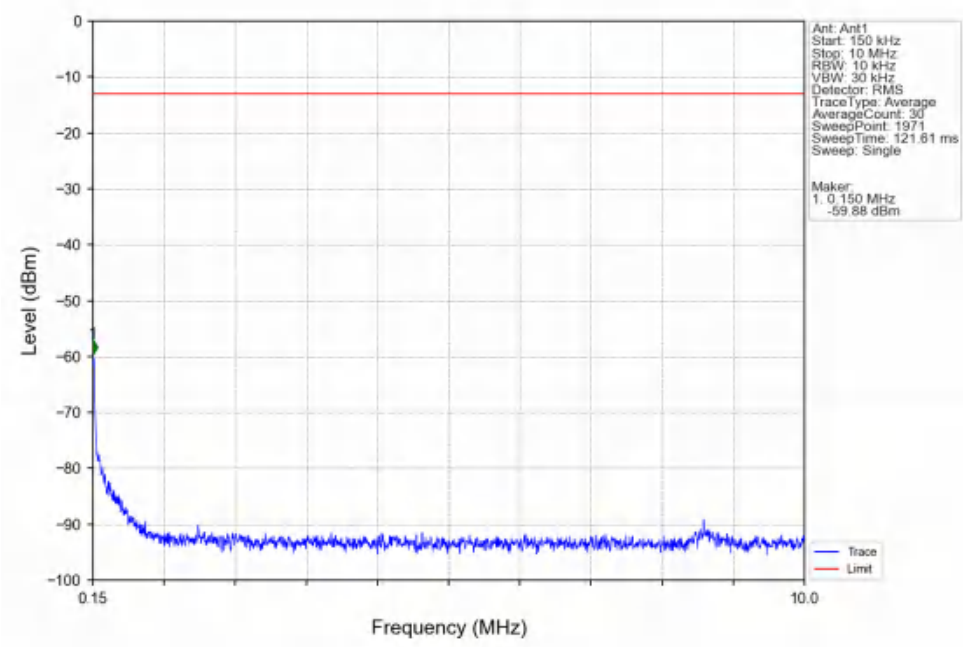
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



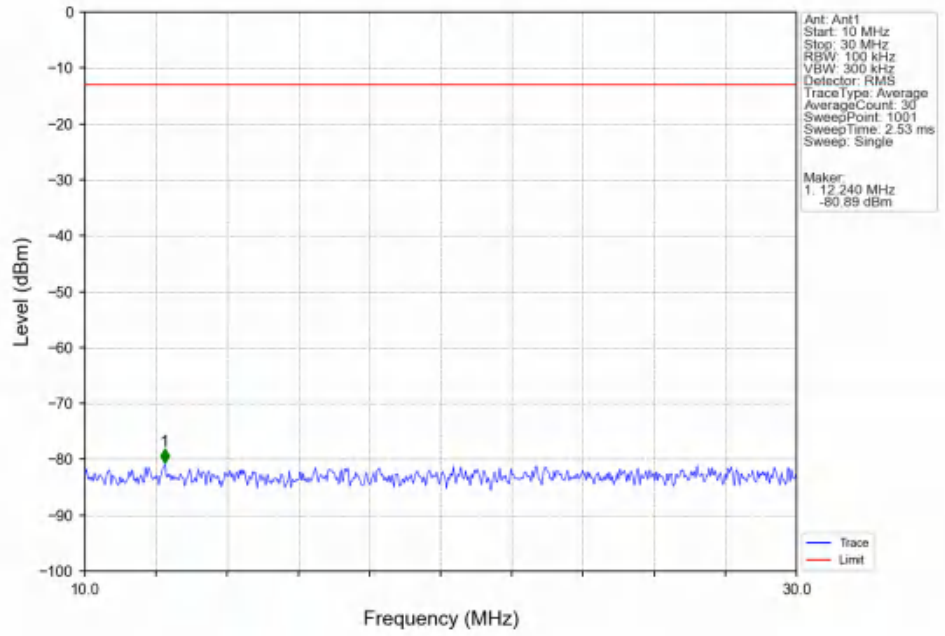
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



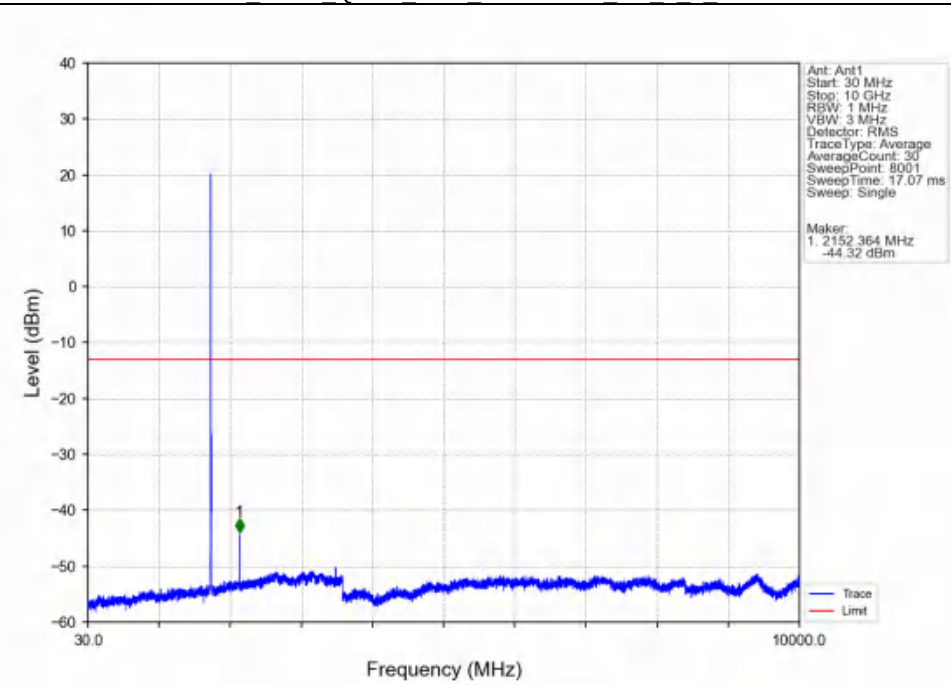
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



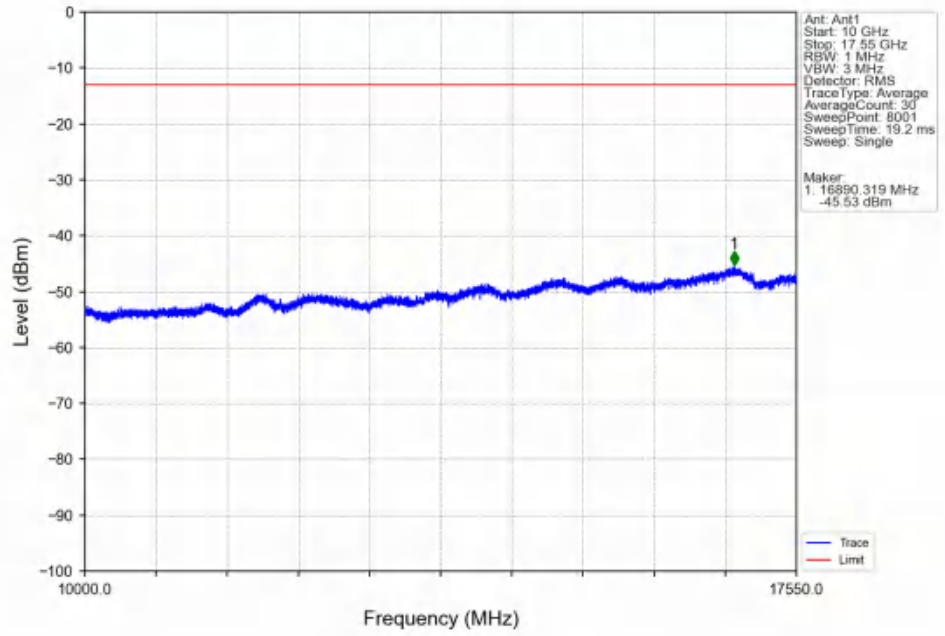
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



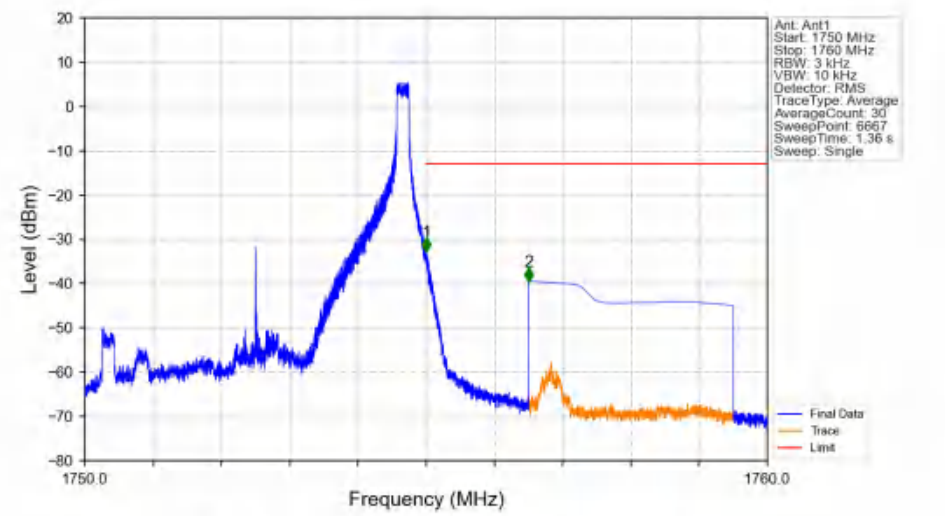
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

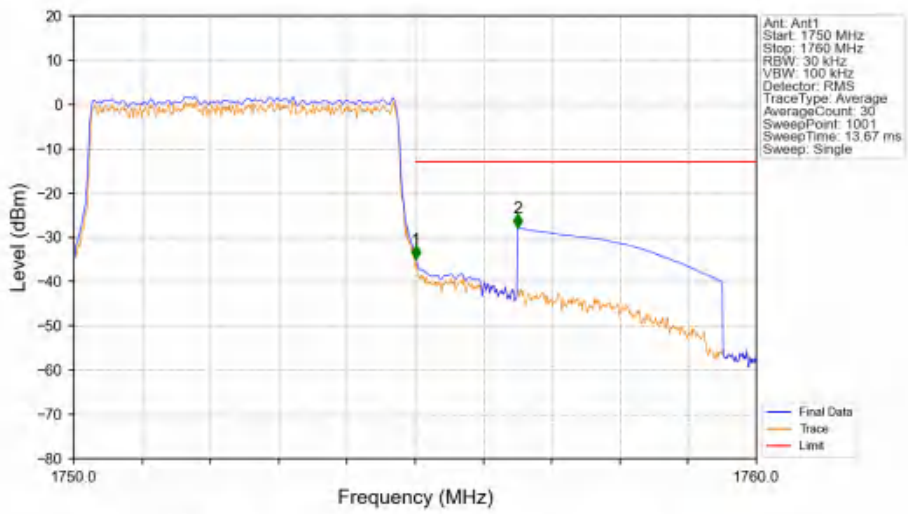


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



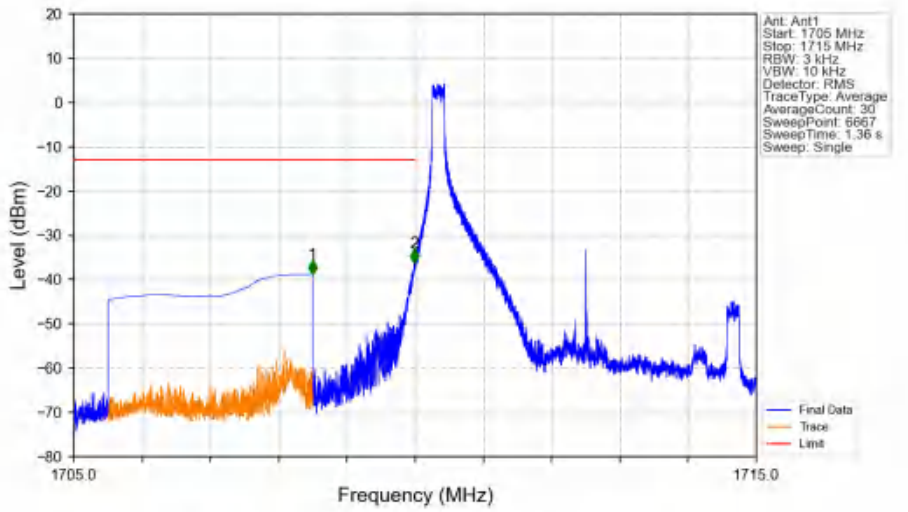
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.77	-13	Pass
1756	1760	1	CHP	2	1756.500	-39.50	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



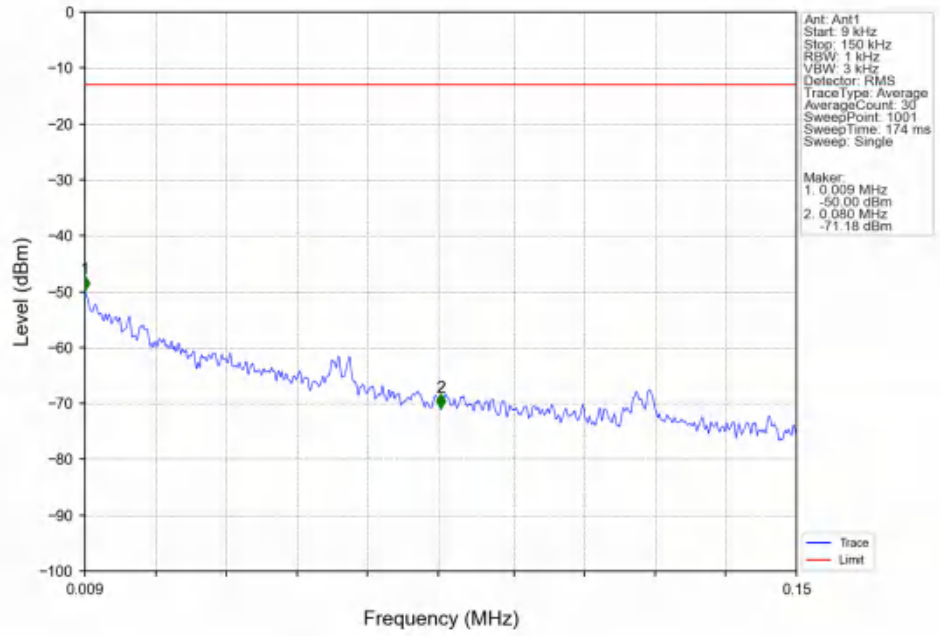
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	/	/	/	/	/
1755	1756	0.05	CHP	1	1755.010	-34.96	-13	Pass
1756	1760	1	CHP	2	1756.500	-27.82	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

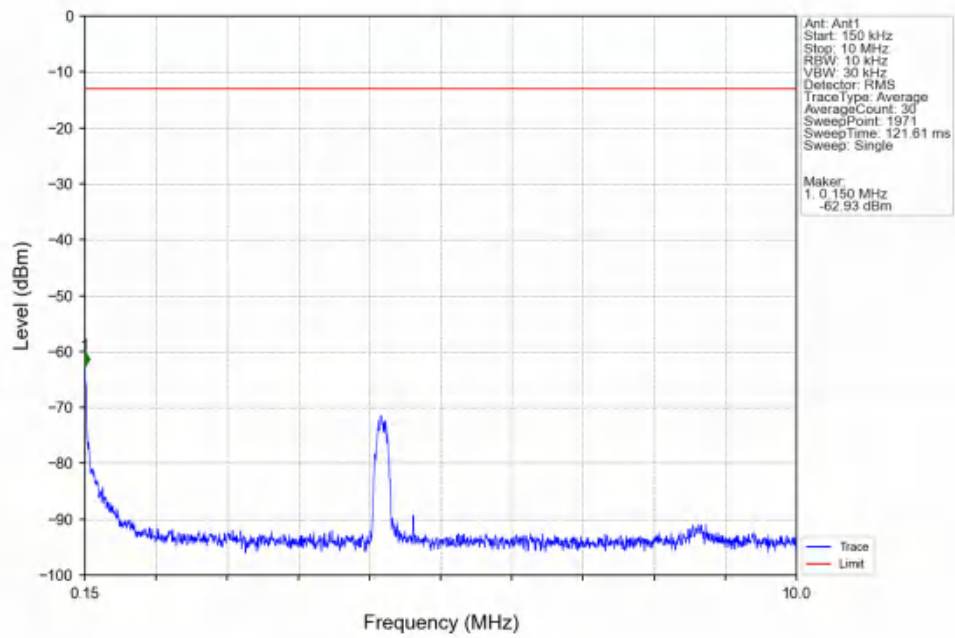


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-38.75	-13	Pass
1709	1710	0.003	/	2	1709.986	-36.21	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

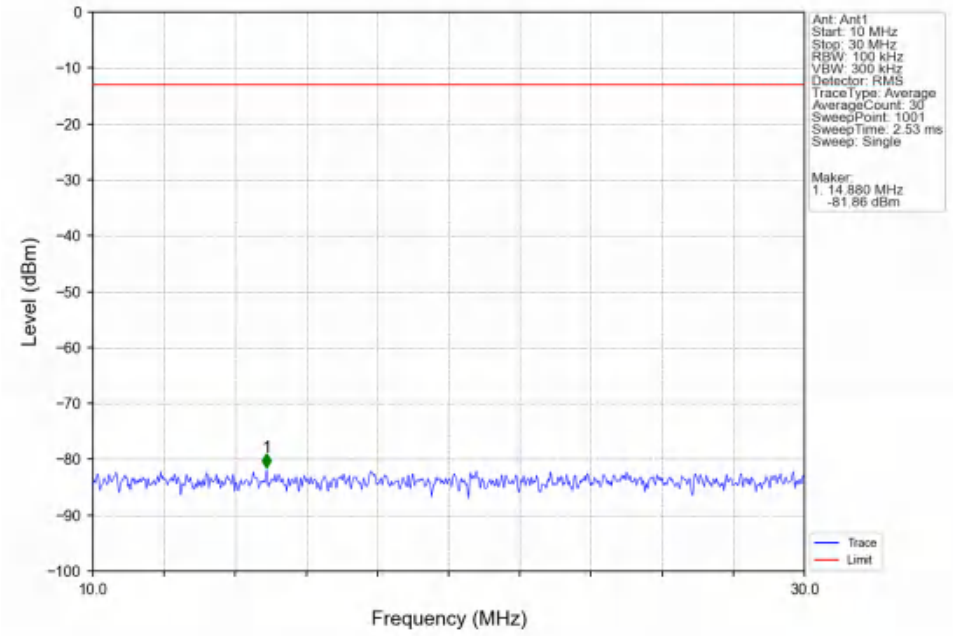
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



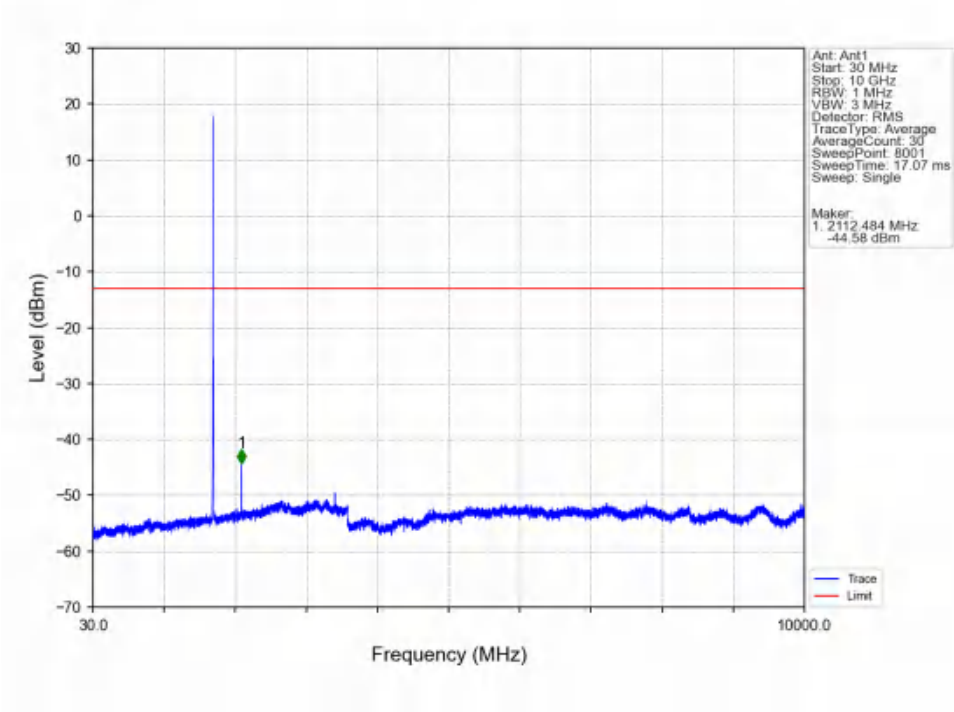
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



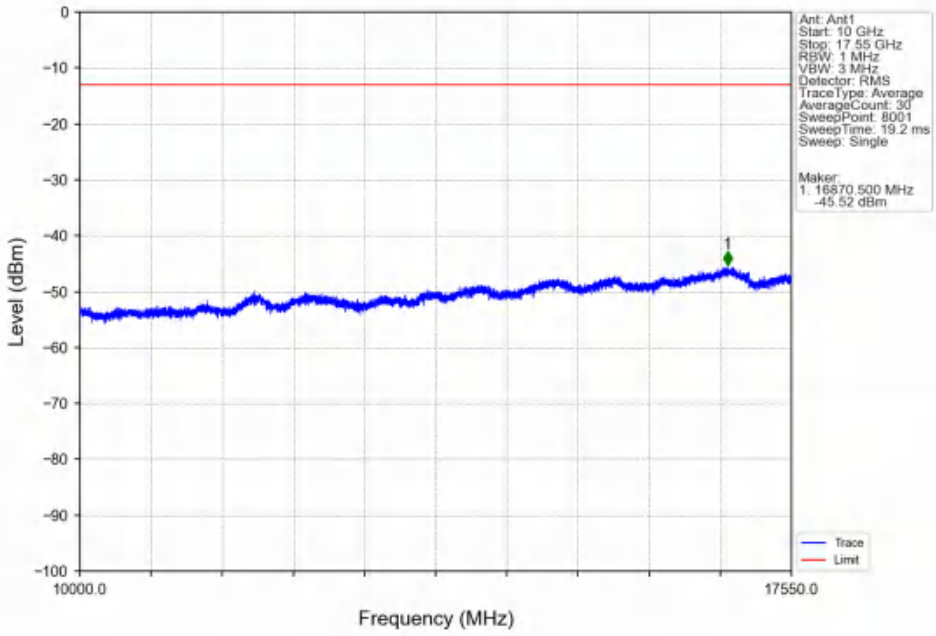
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



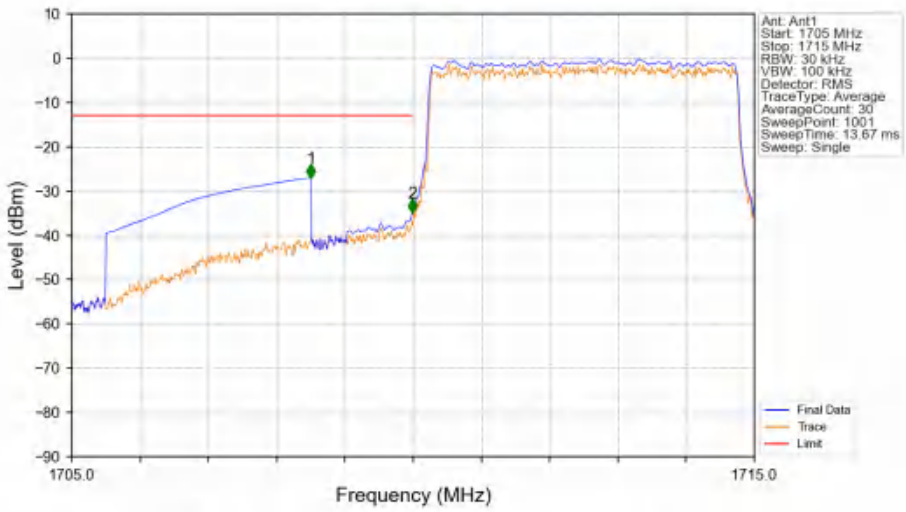
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

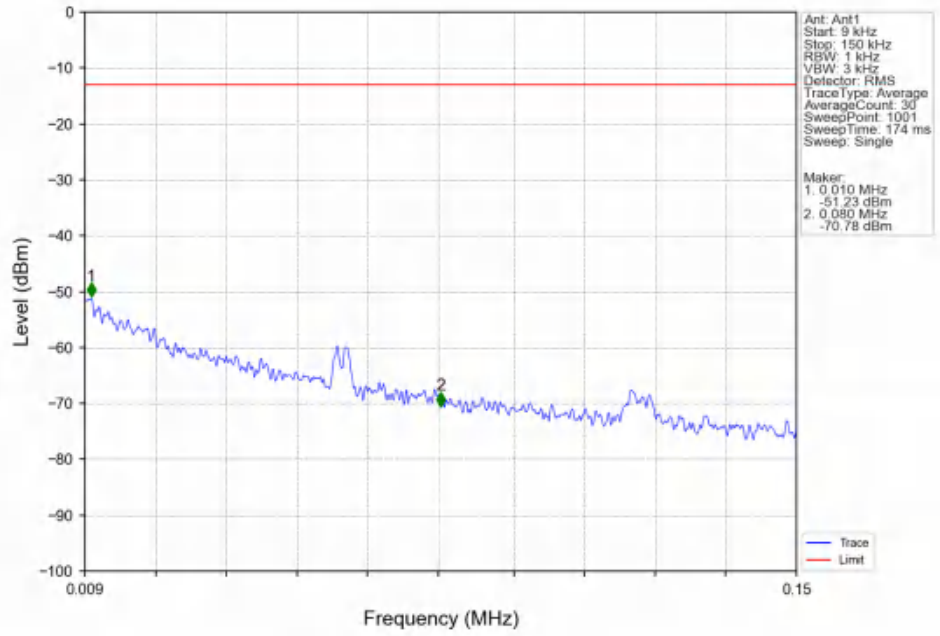


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

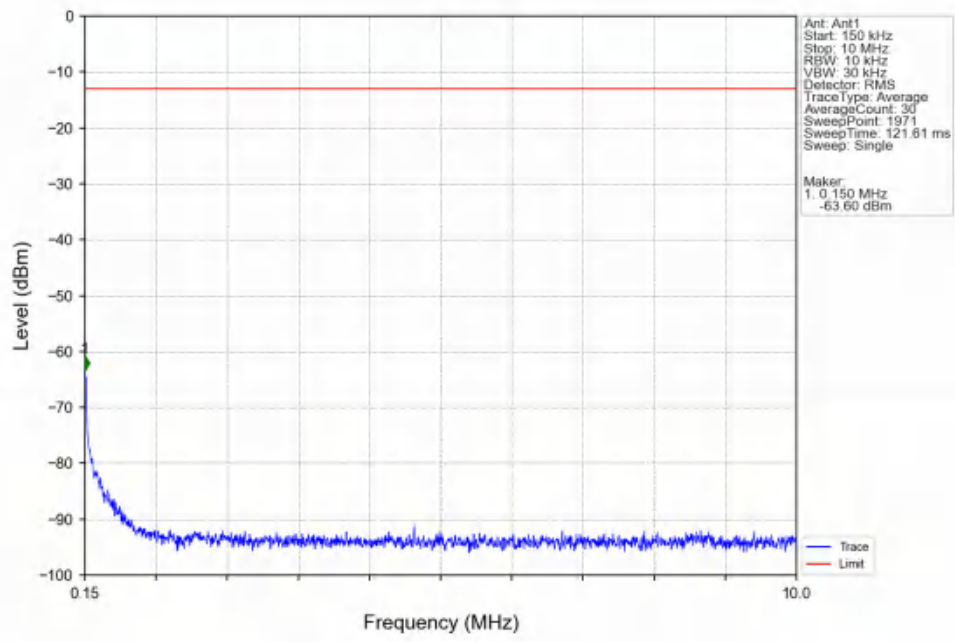


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.05	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-34.92	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

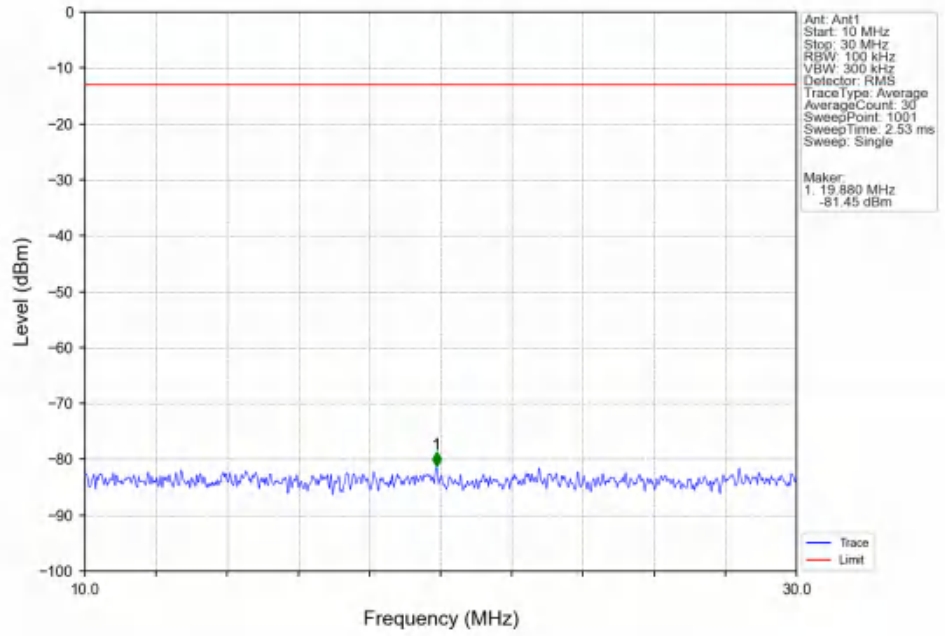
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



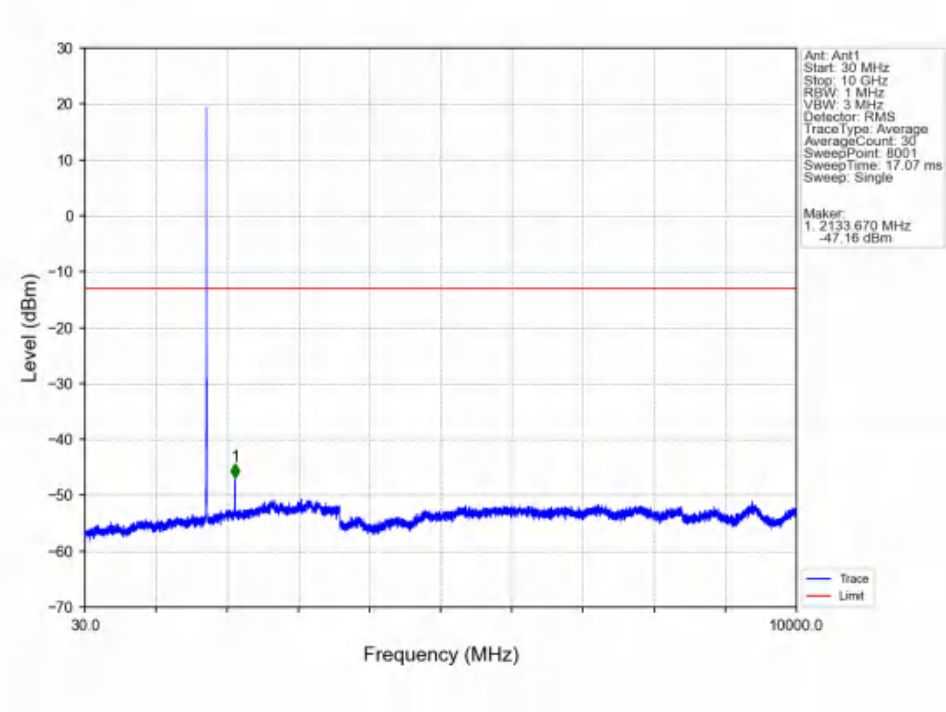
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



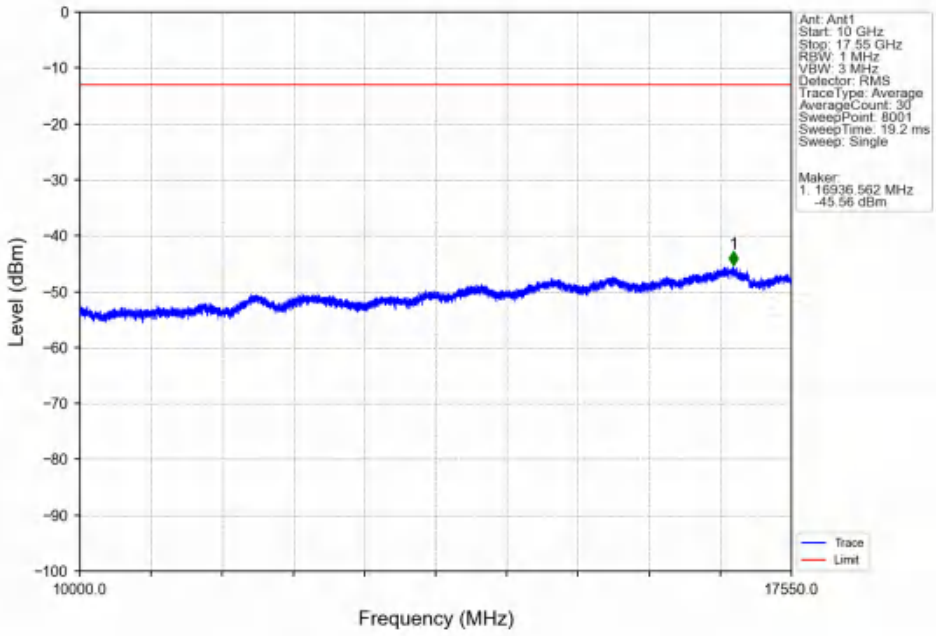
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



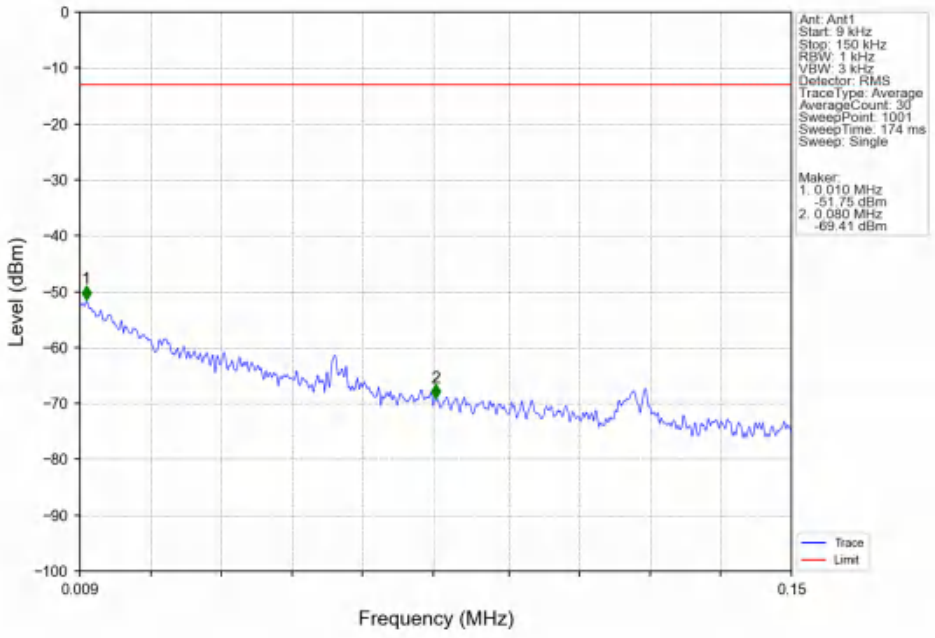
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



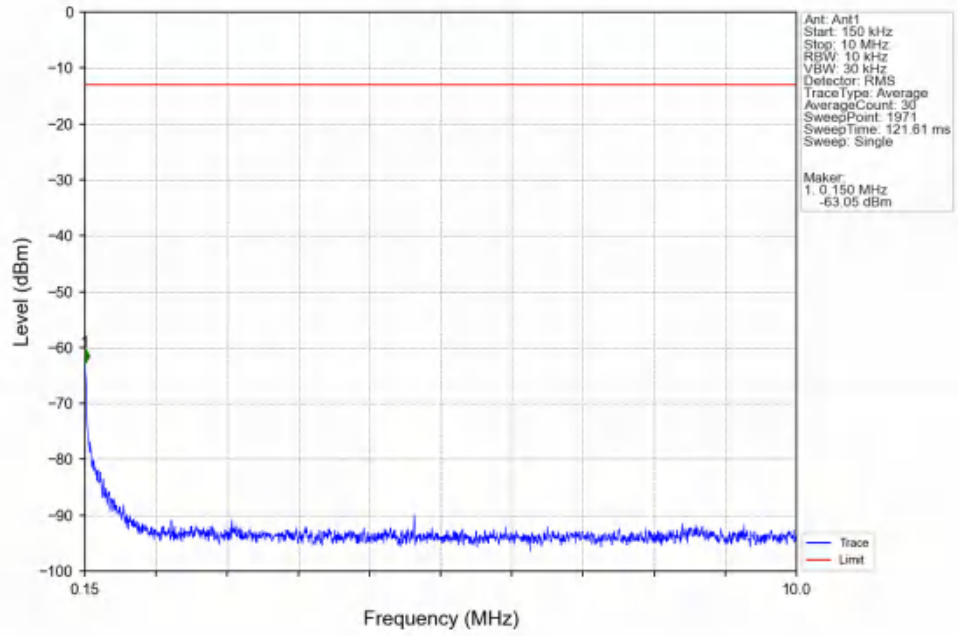
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



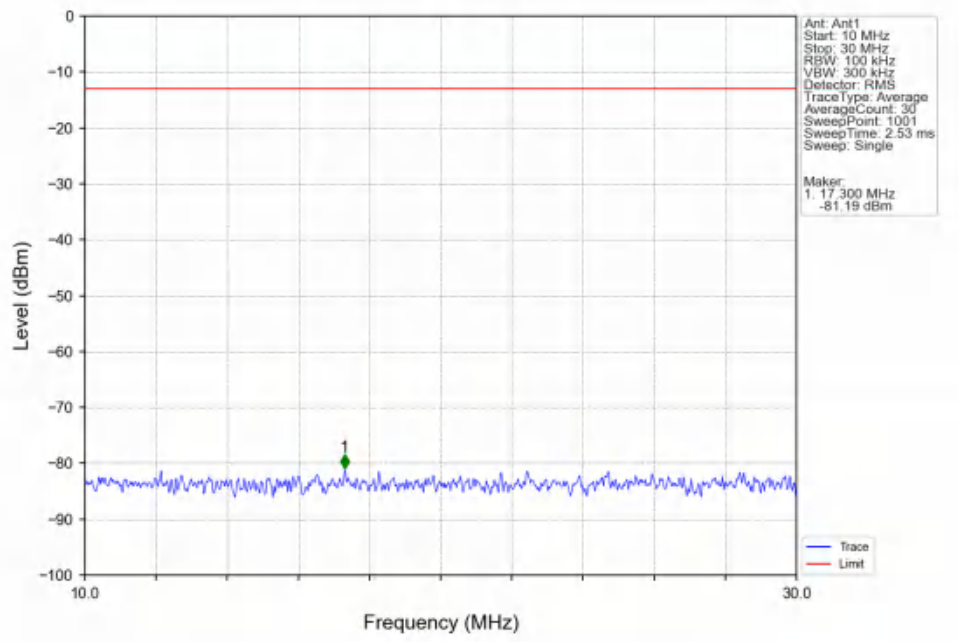
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



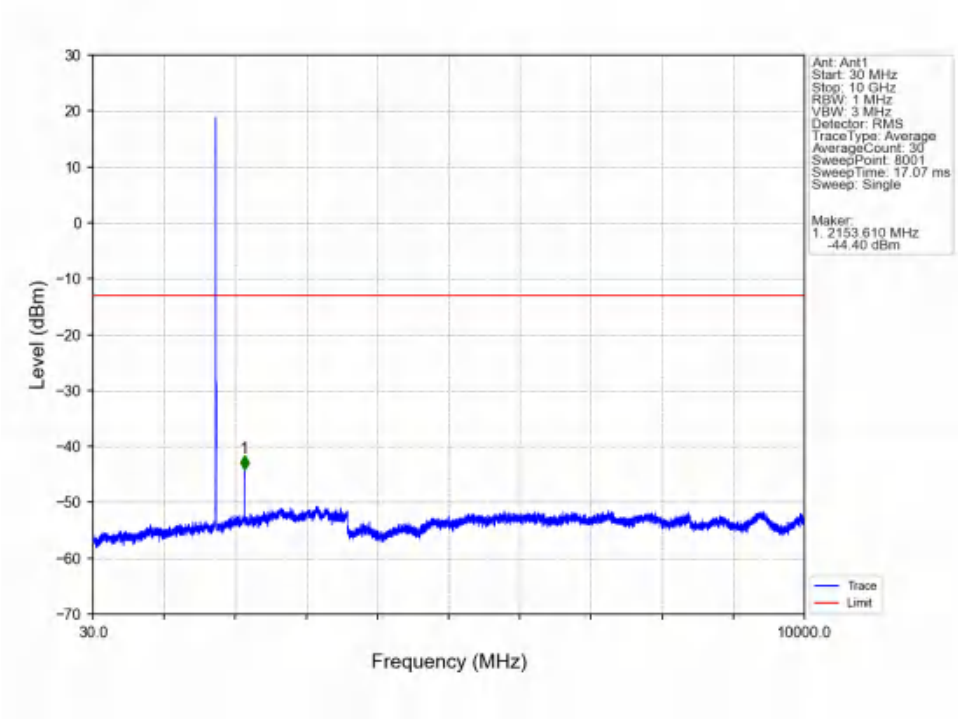
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



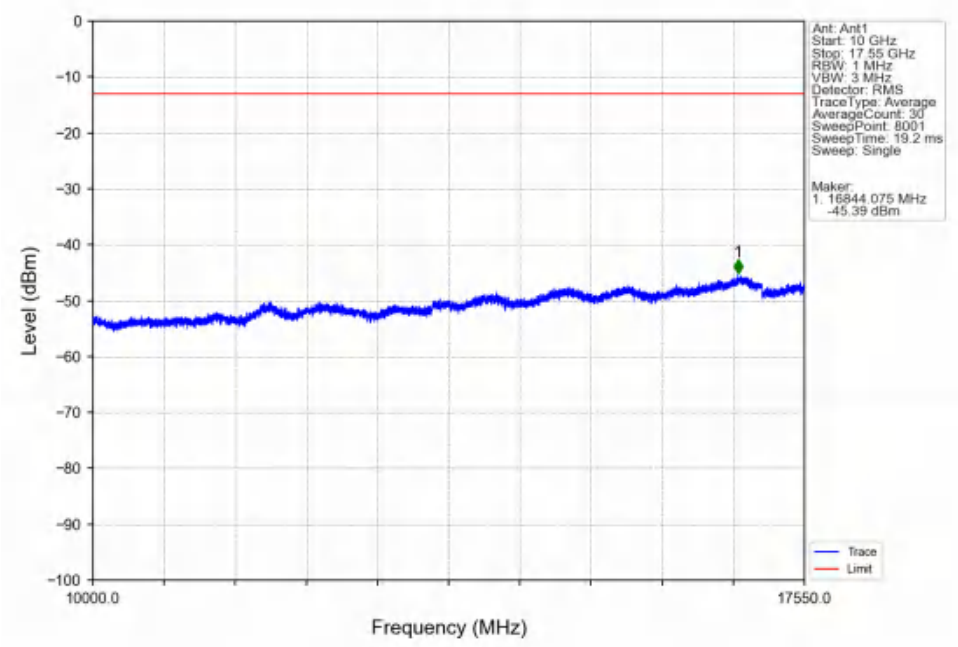
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



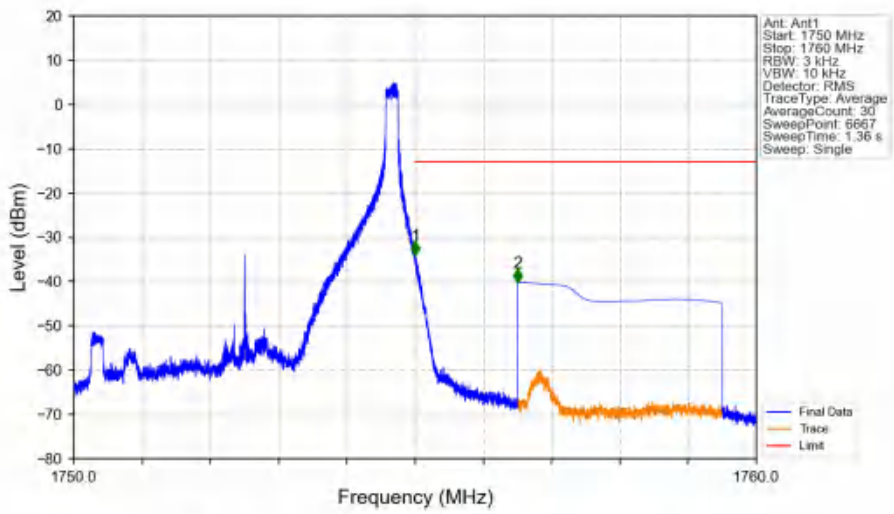
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

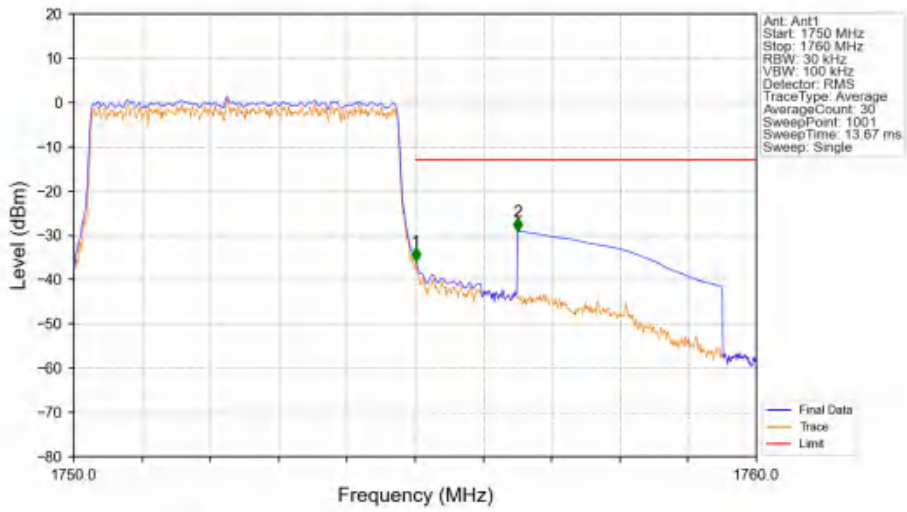


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-34.08	-13	Pass
1756	1760	1	CHP	2	1756.500	-40.18	-13	Pass

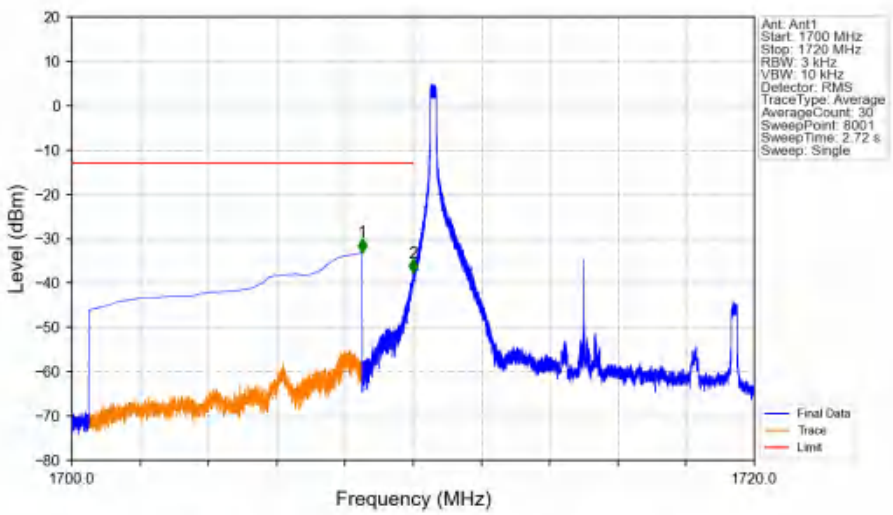
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	/	/	/	/	/
1755	1756	0.05	CHP	1	1755.010	-35.81	-13	Pass
1756	1760	1	CHP	2	1756.500	-29.05	-13	Pass

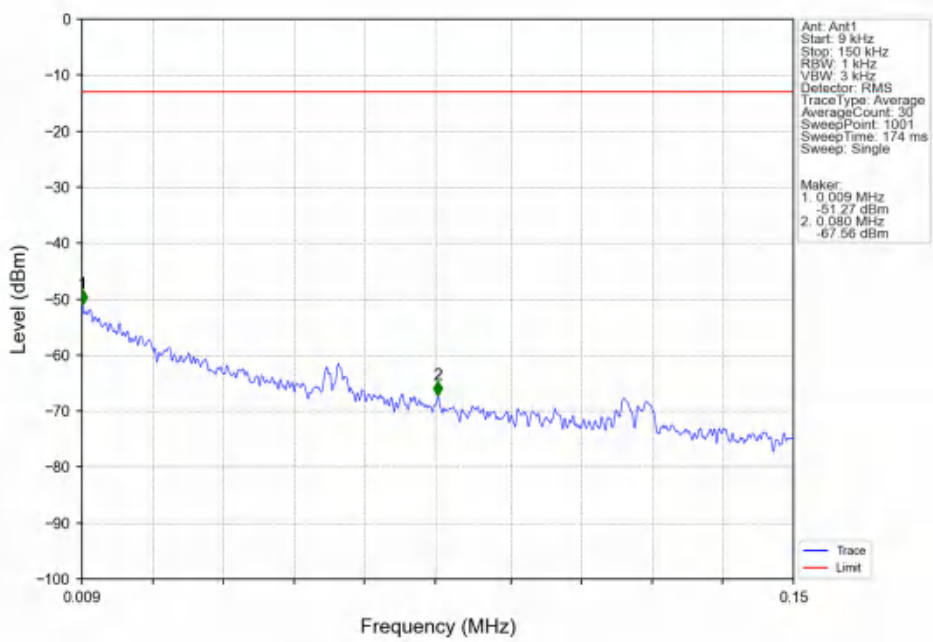
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

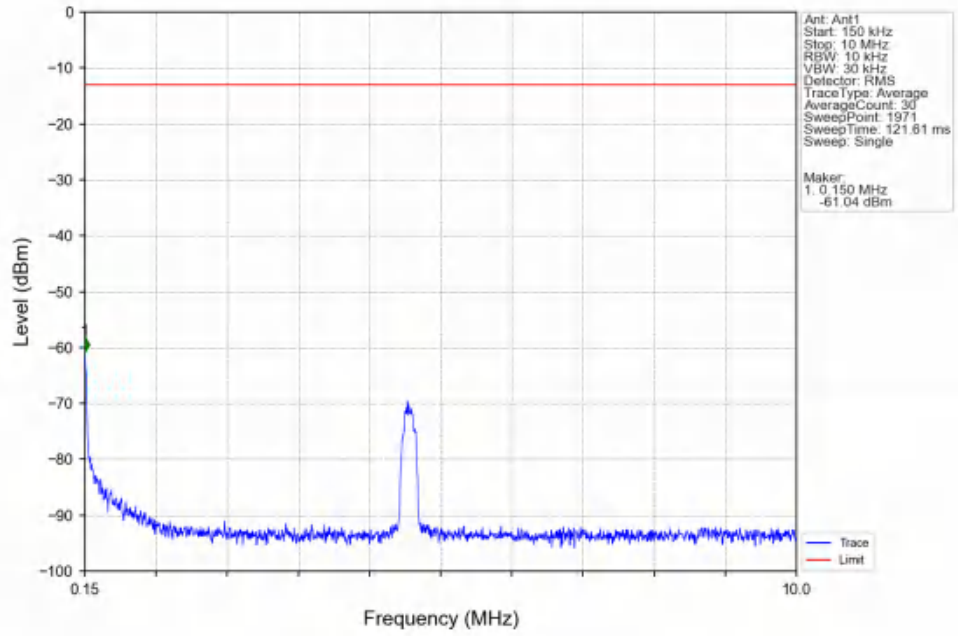


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-33.04	-13	Pass
1709	1710	0.003	/	2	1709.997	-37.66	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

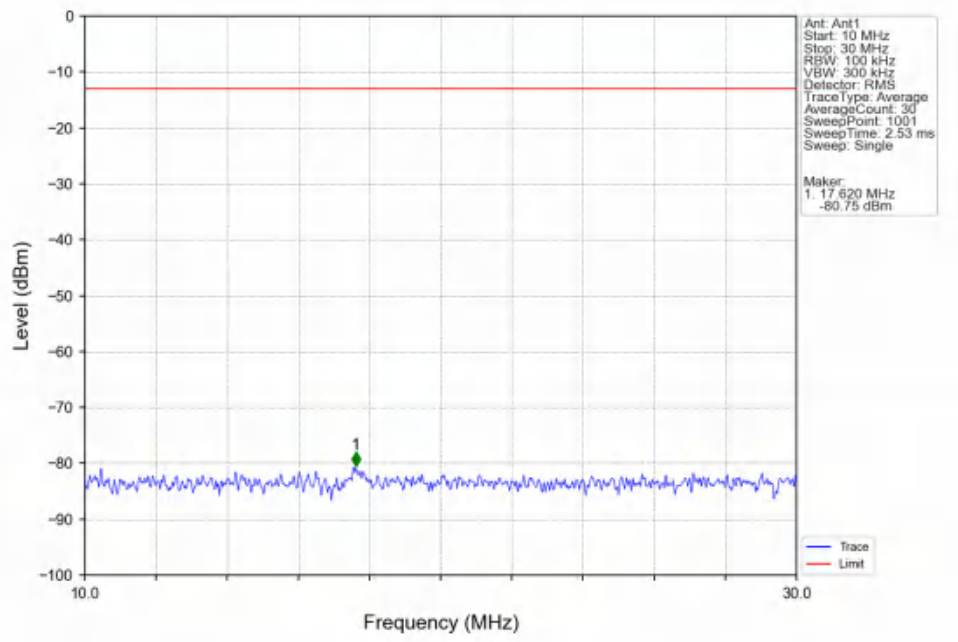
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



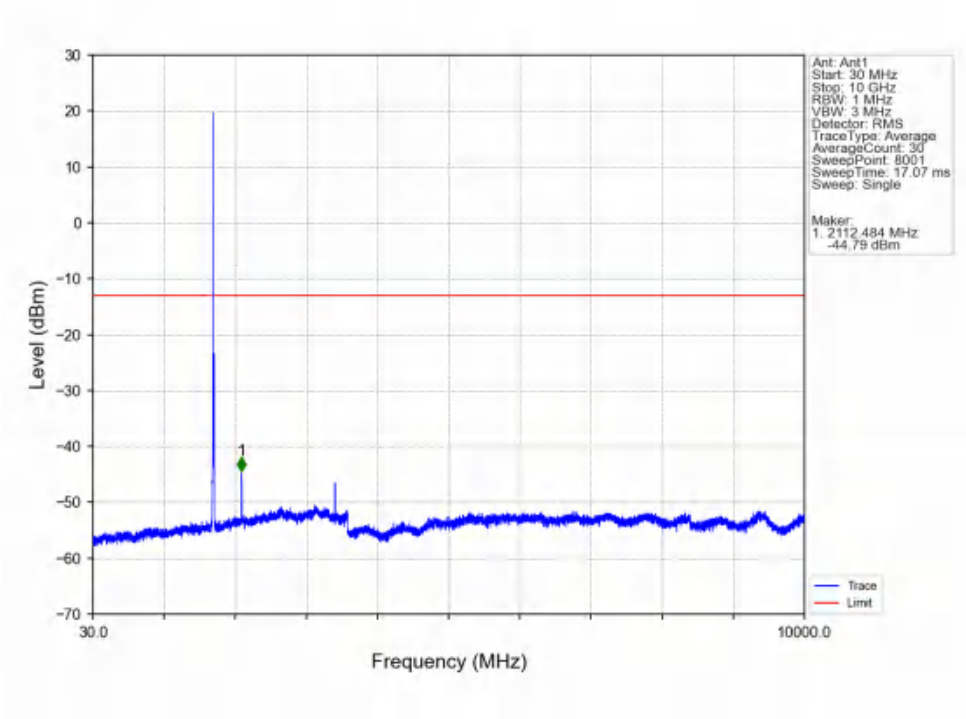
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



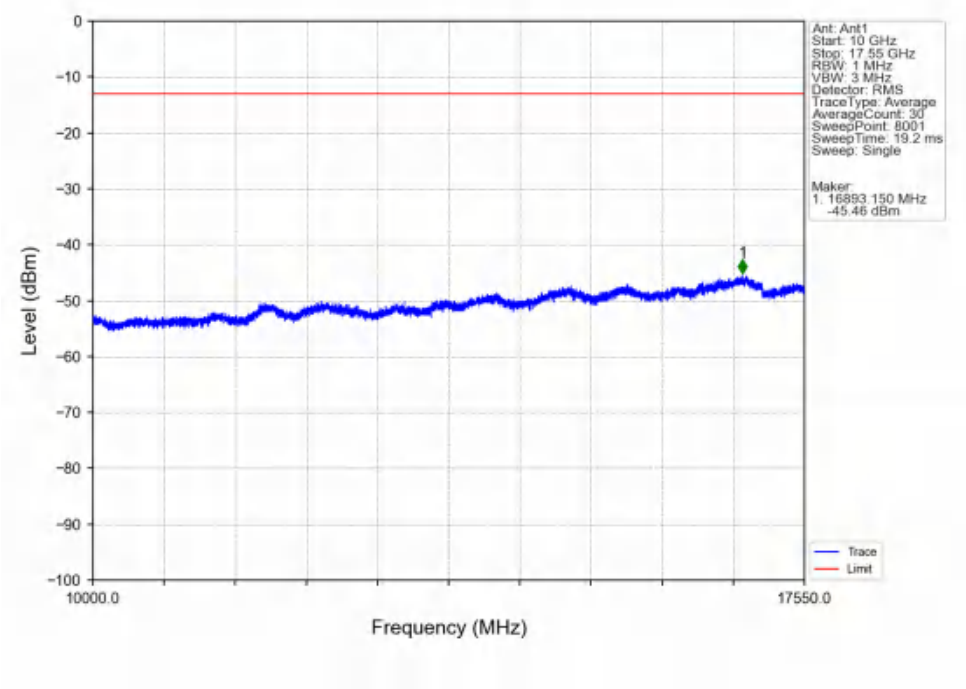
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



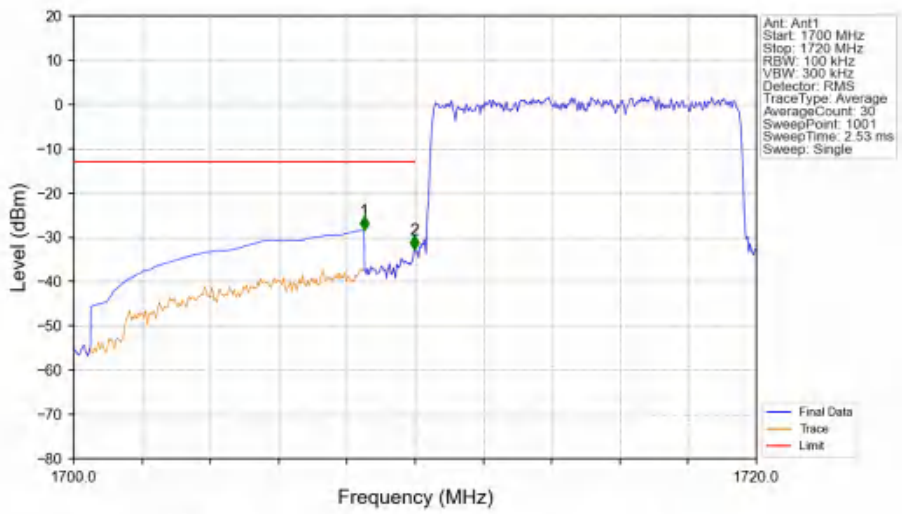
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

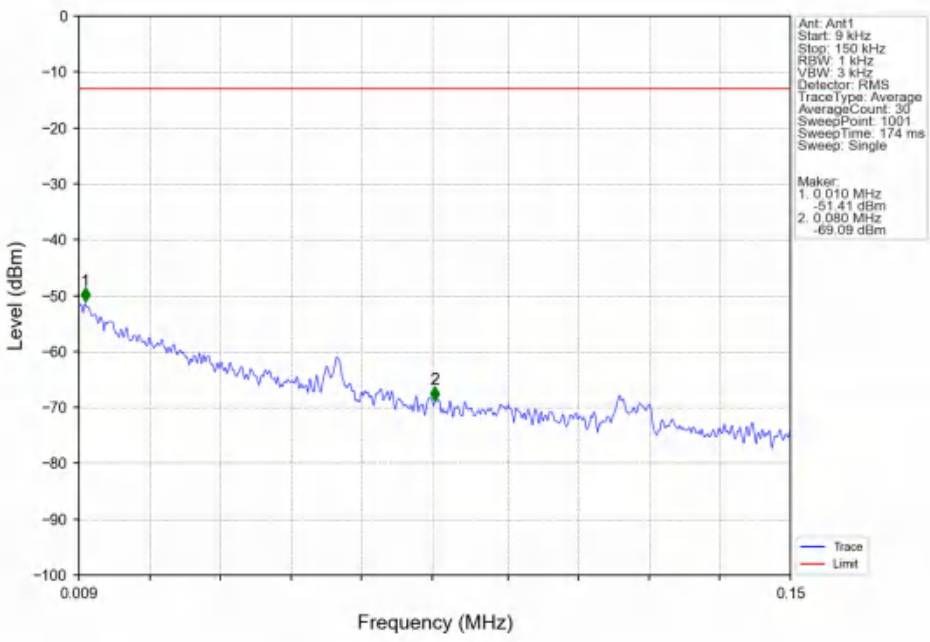


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

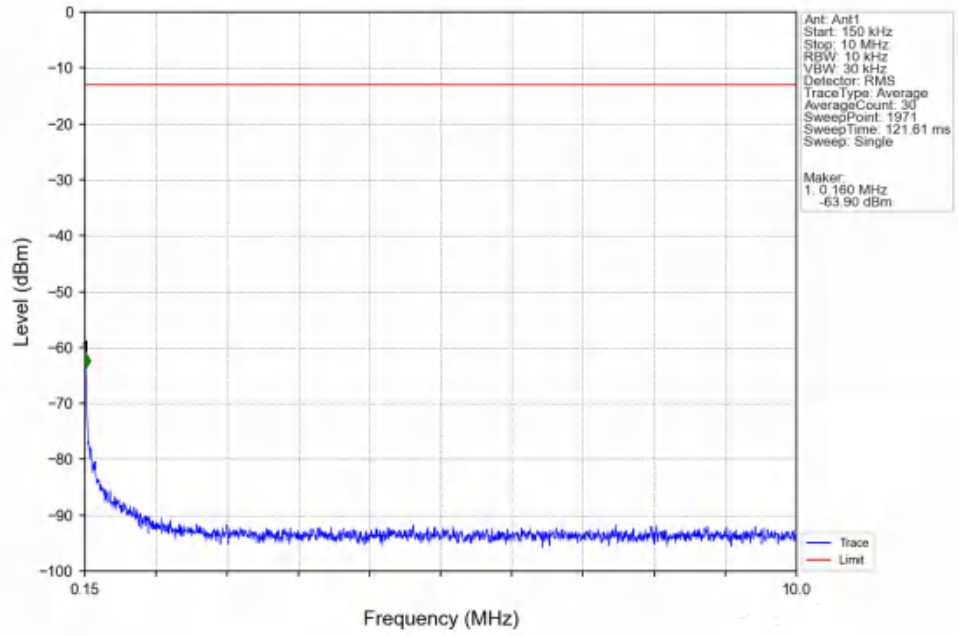


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-28.38	-13	Pass
1709	1710	0.1	/	2	1709.980	-32.82	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

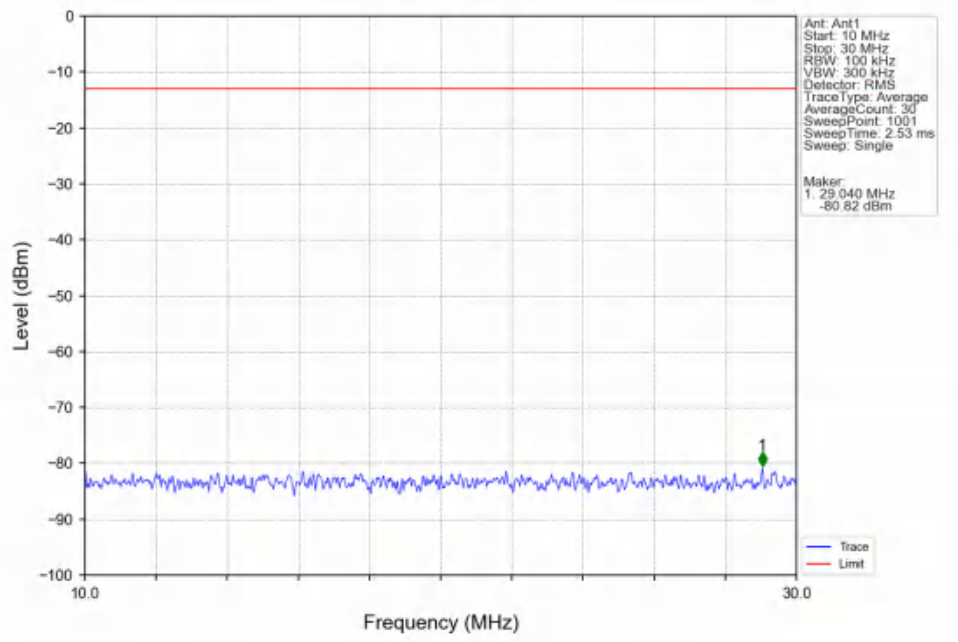
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



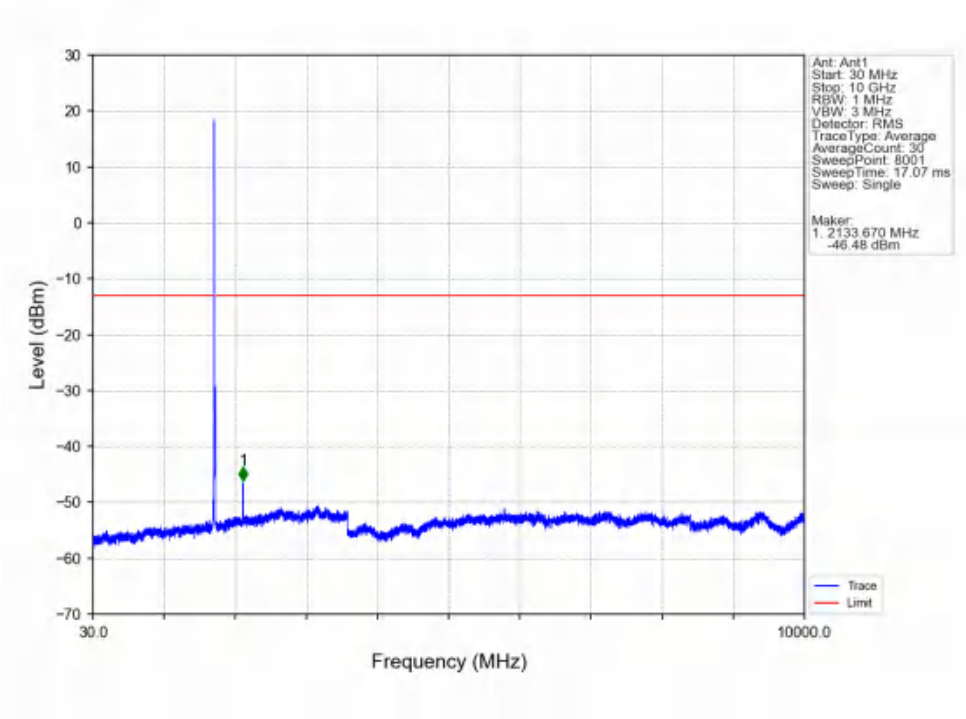
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



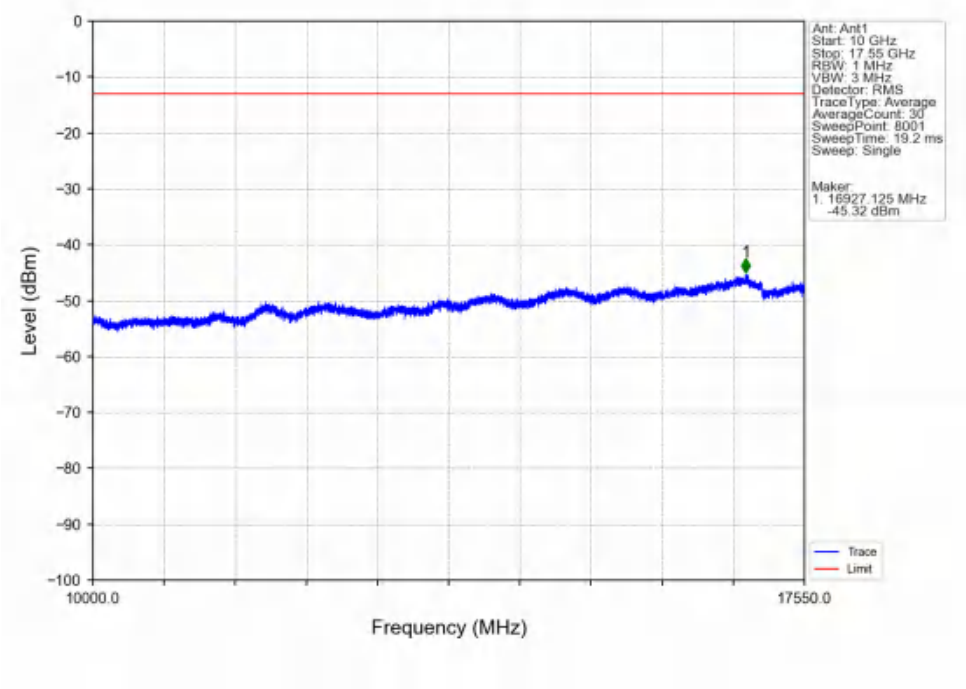
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



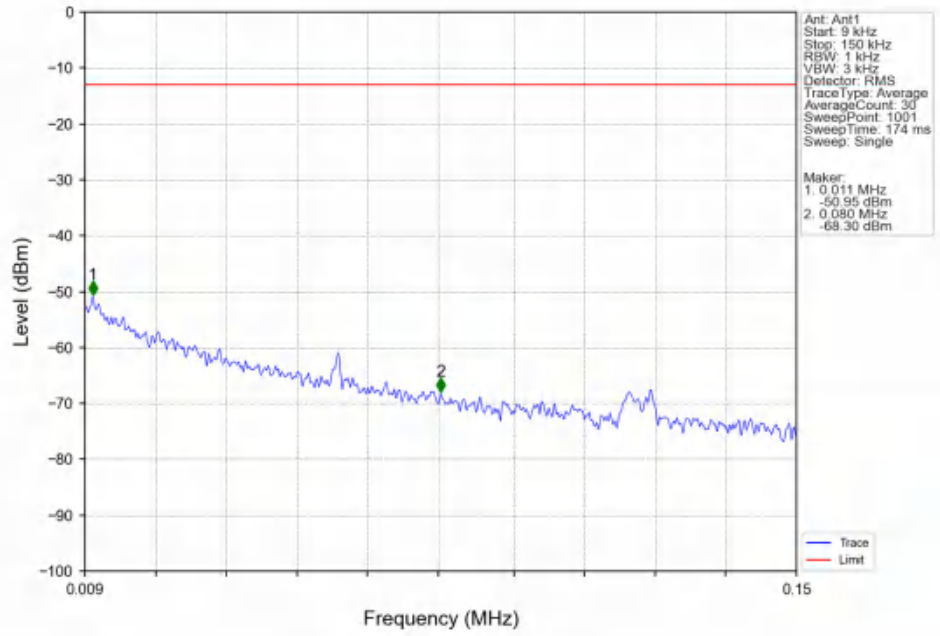
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



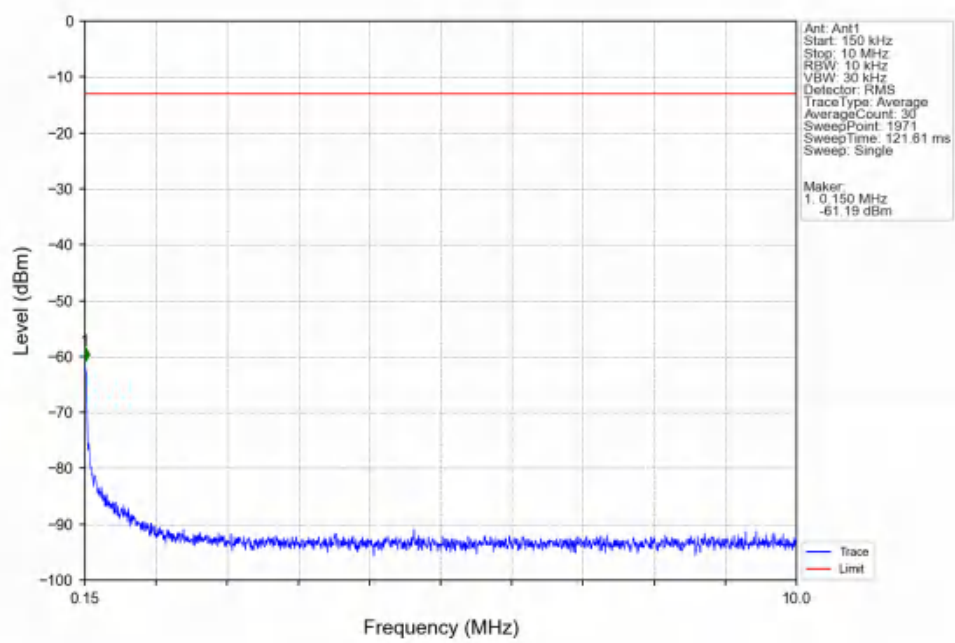
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



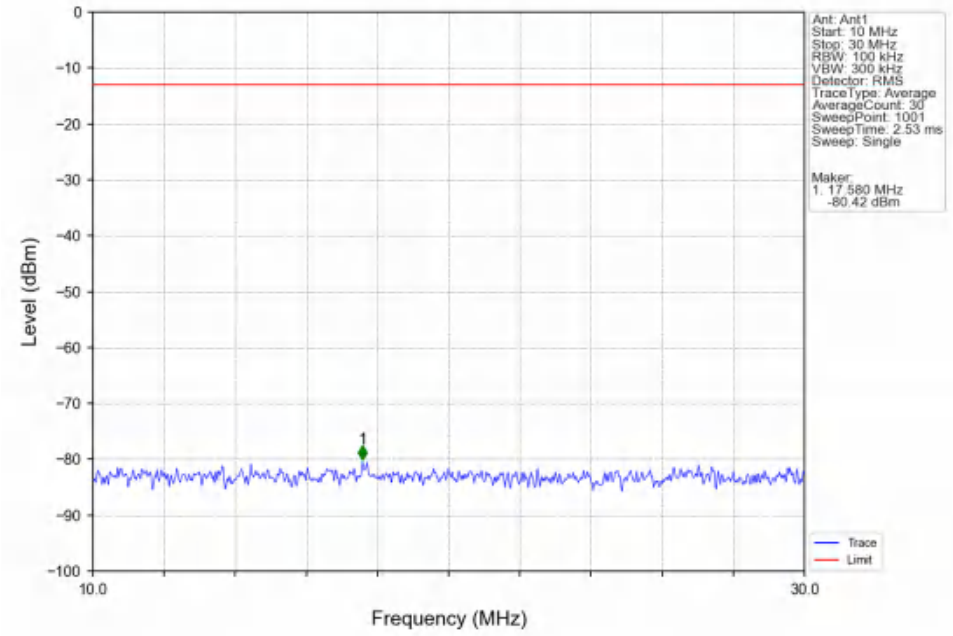
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



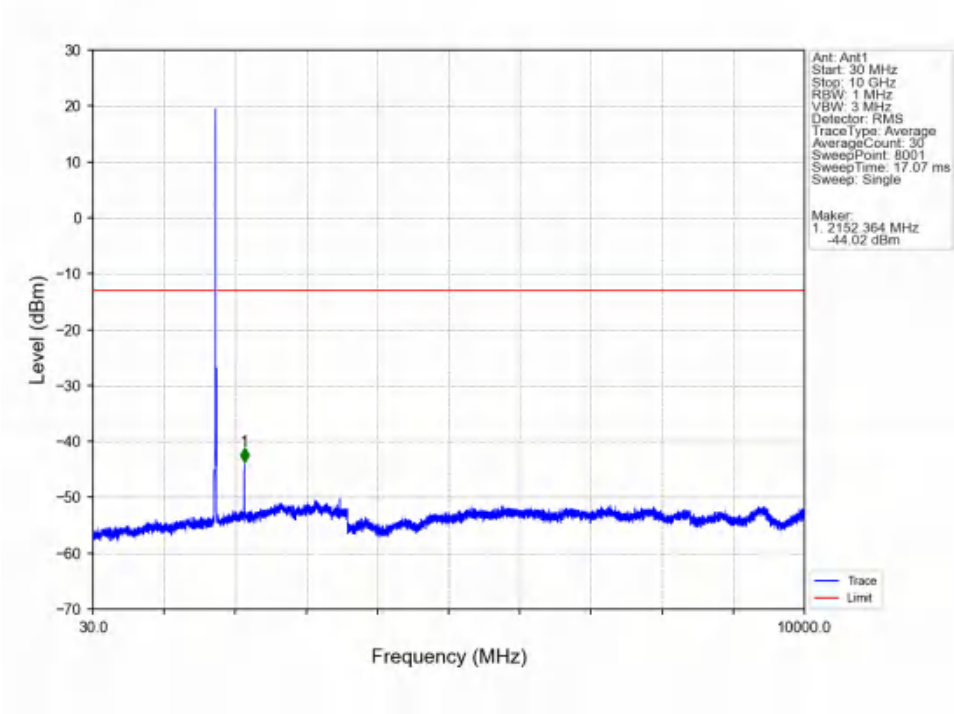
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



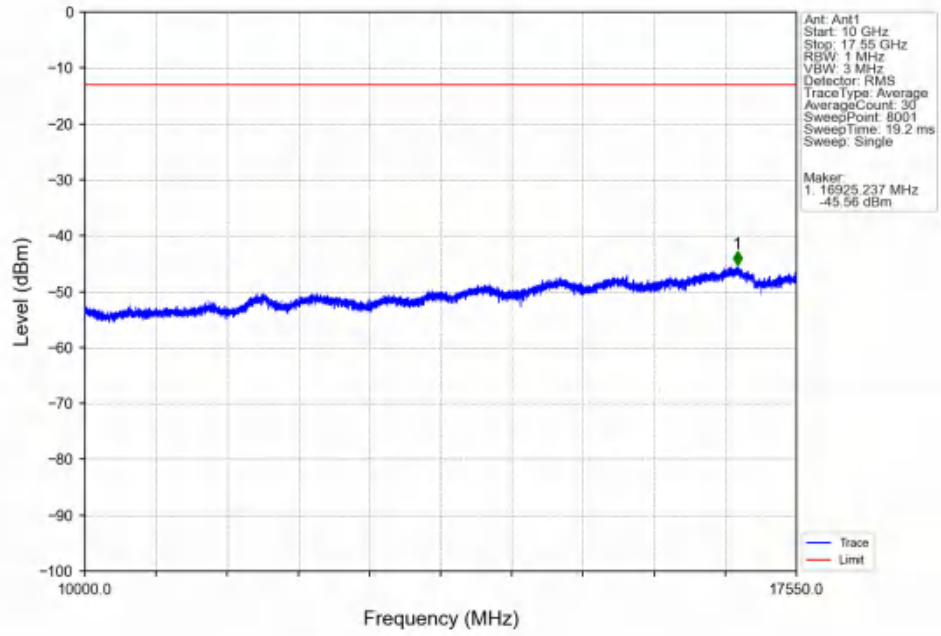
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



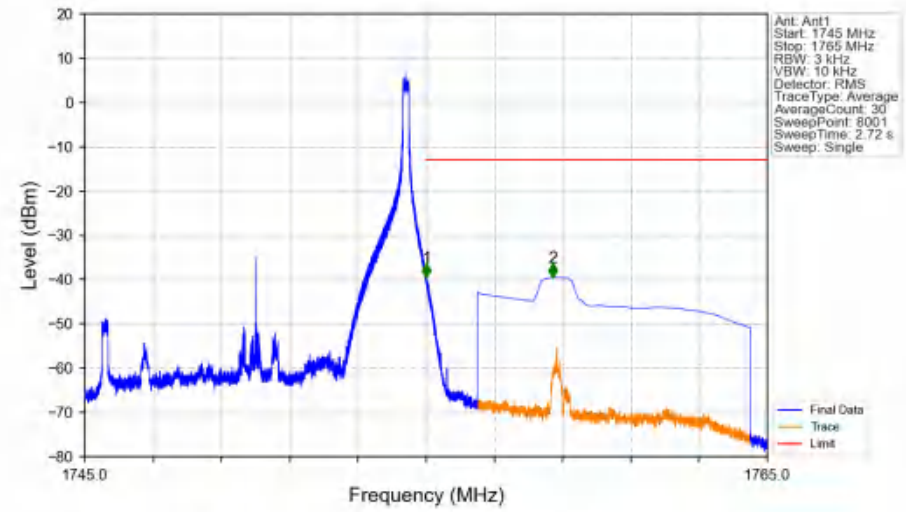
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

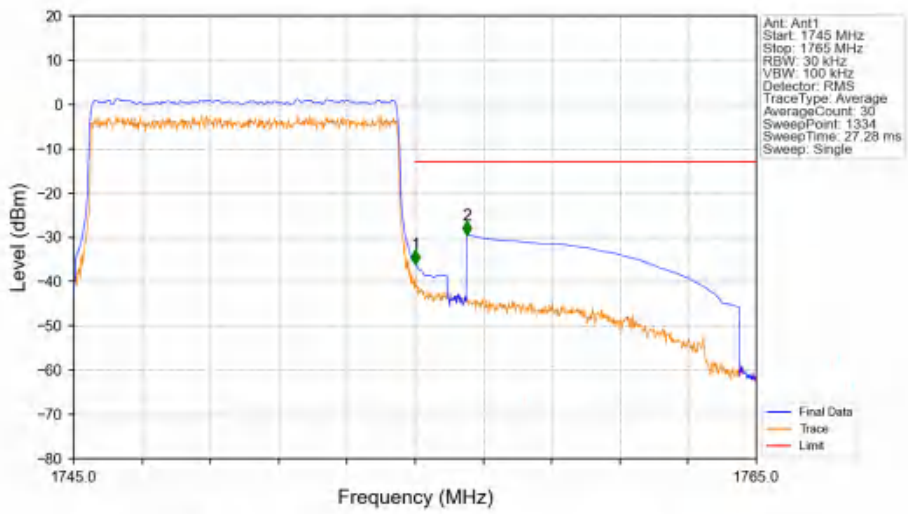


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



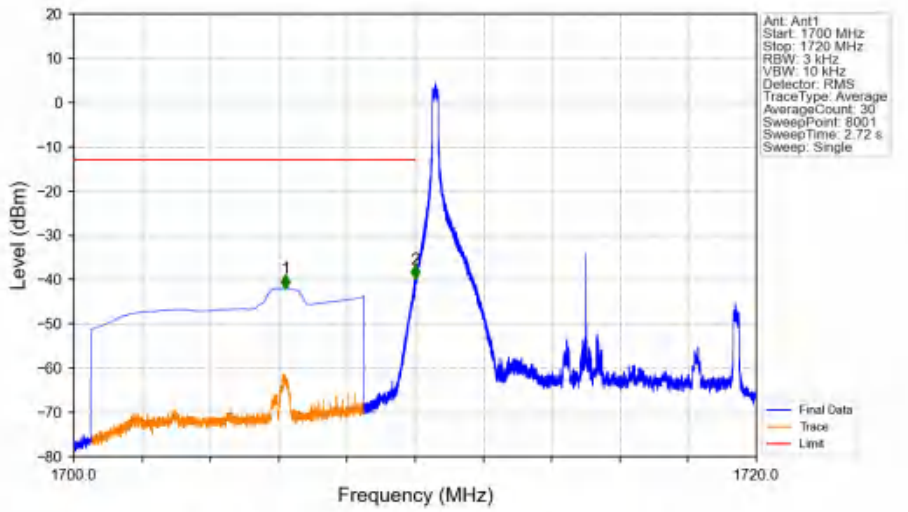
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.010	-39.59	-13	Pass
1756	1765	1	CHP	2	1758.715	-39.50	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



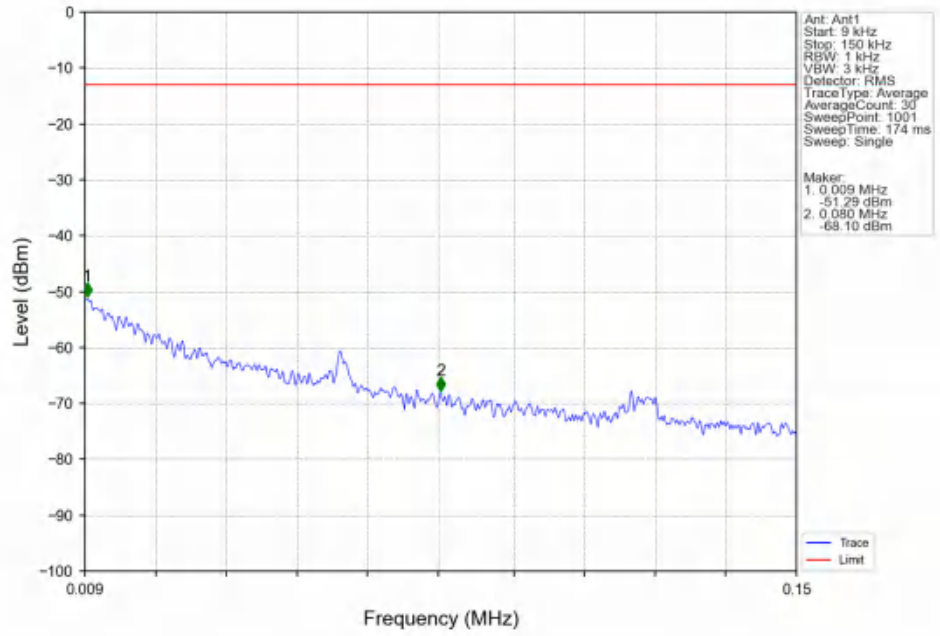
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.008	-35.98	-13	Pass
1756	1765	1	CHP	2	1756.508	-29.45	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

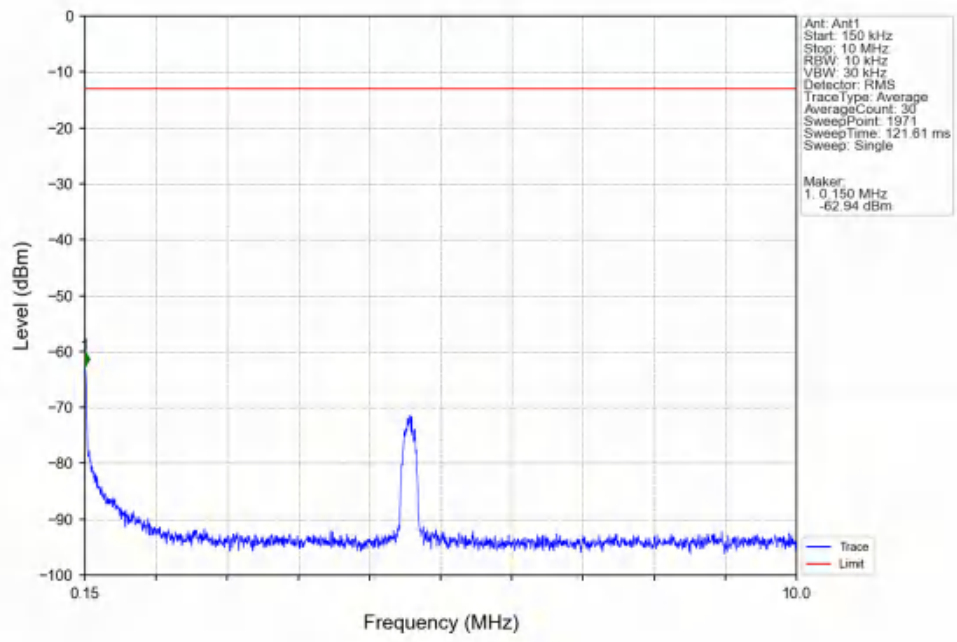


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.203	-41.97	-13	Pass
1709	1710	0.003	/	2	1709.997	-39.79	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

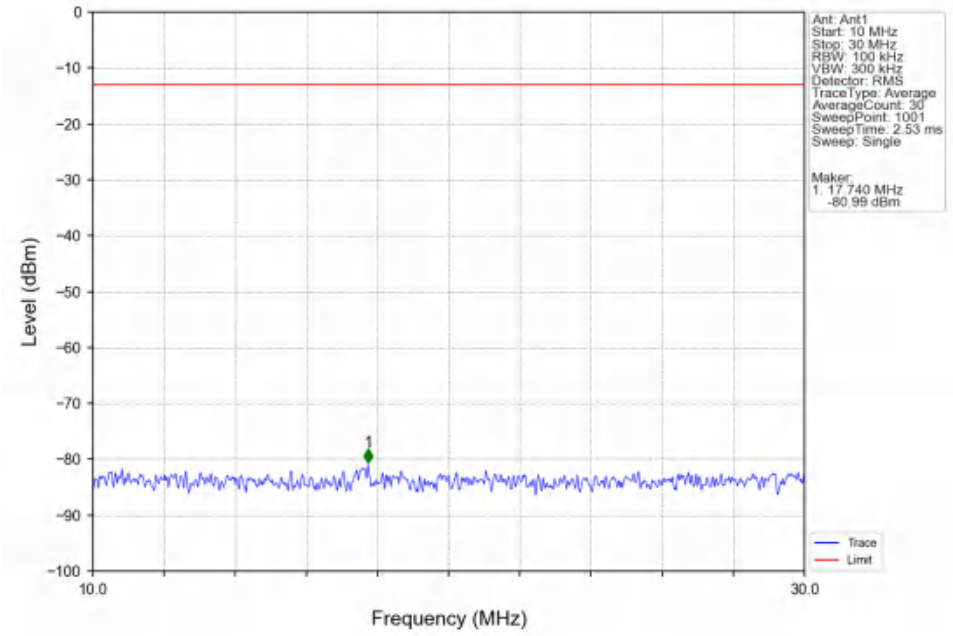
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



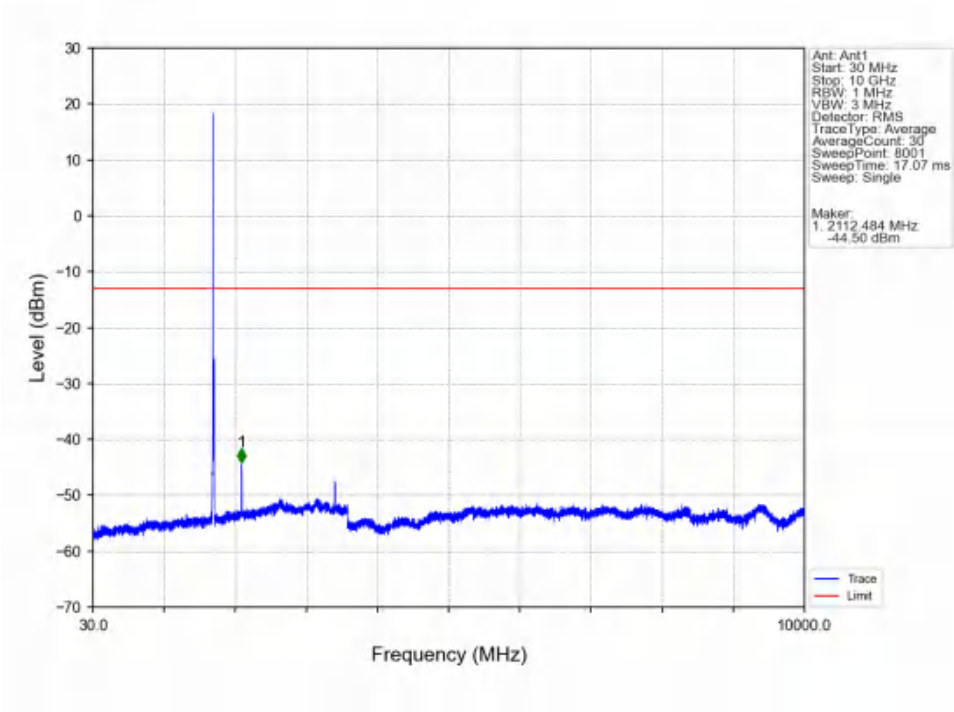
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



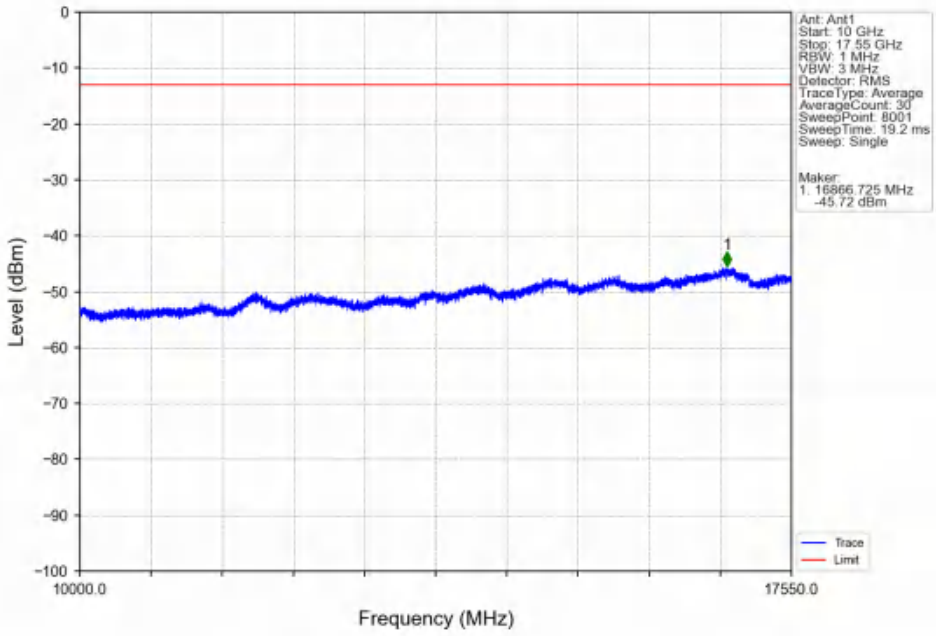
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



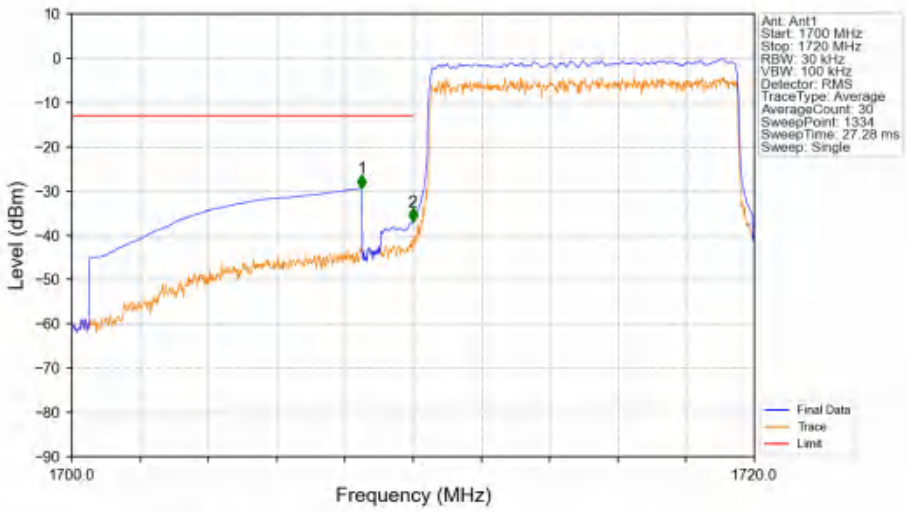
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

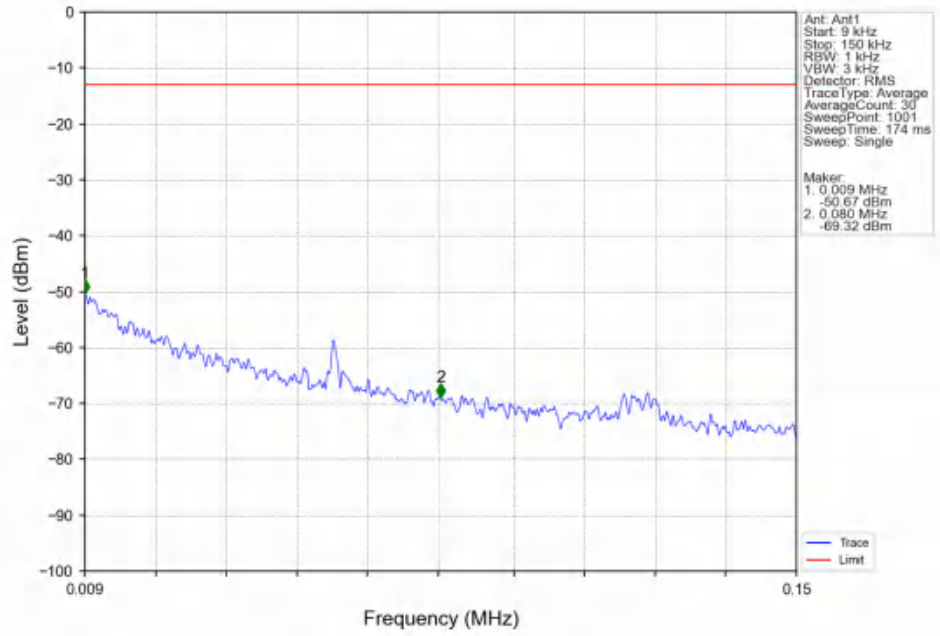


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

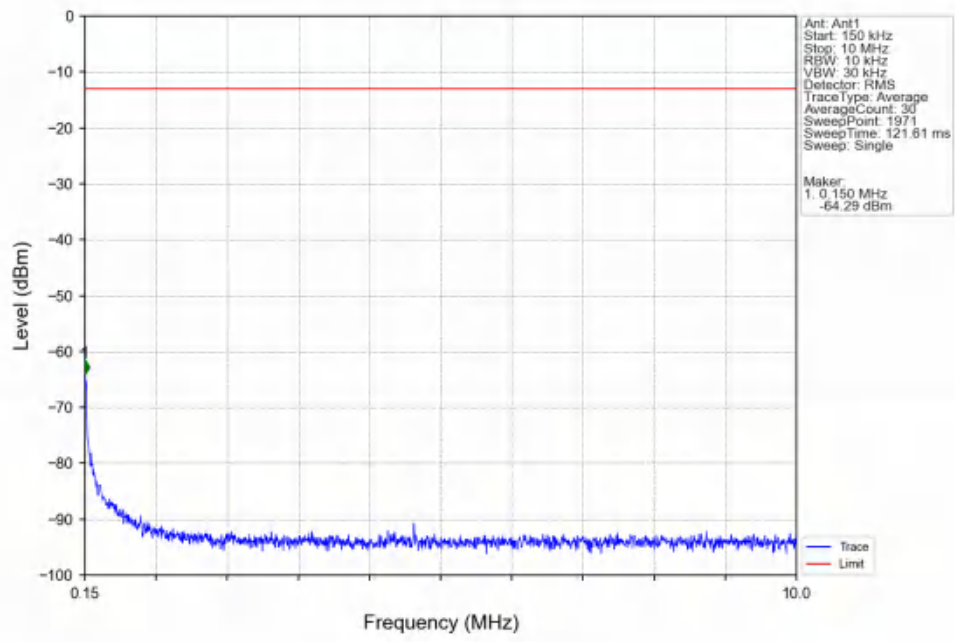


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-29.38	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-36.92	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

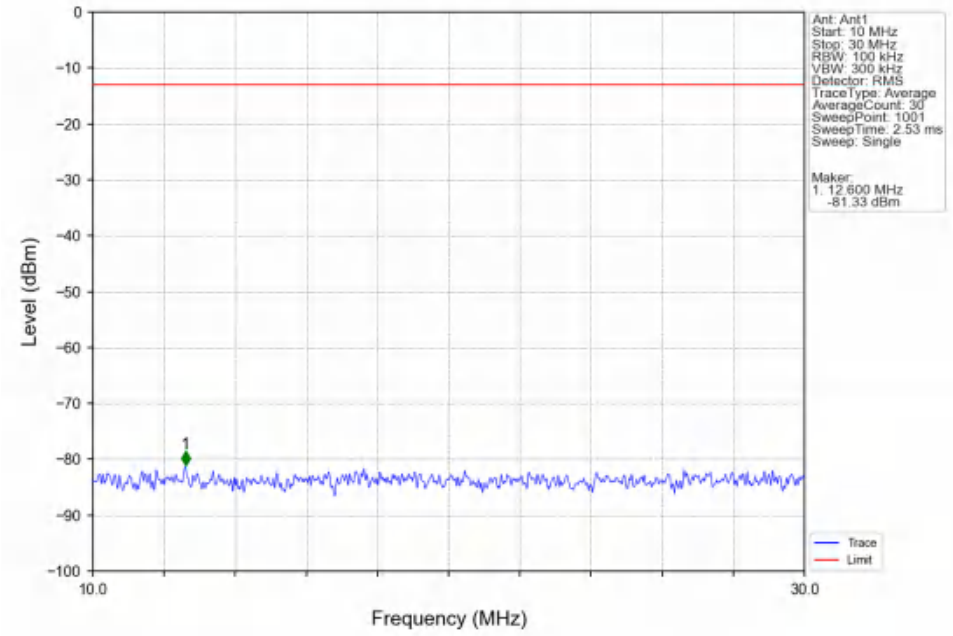
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



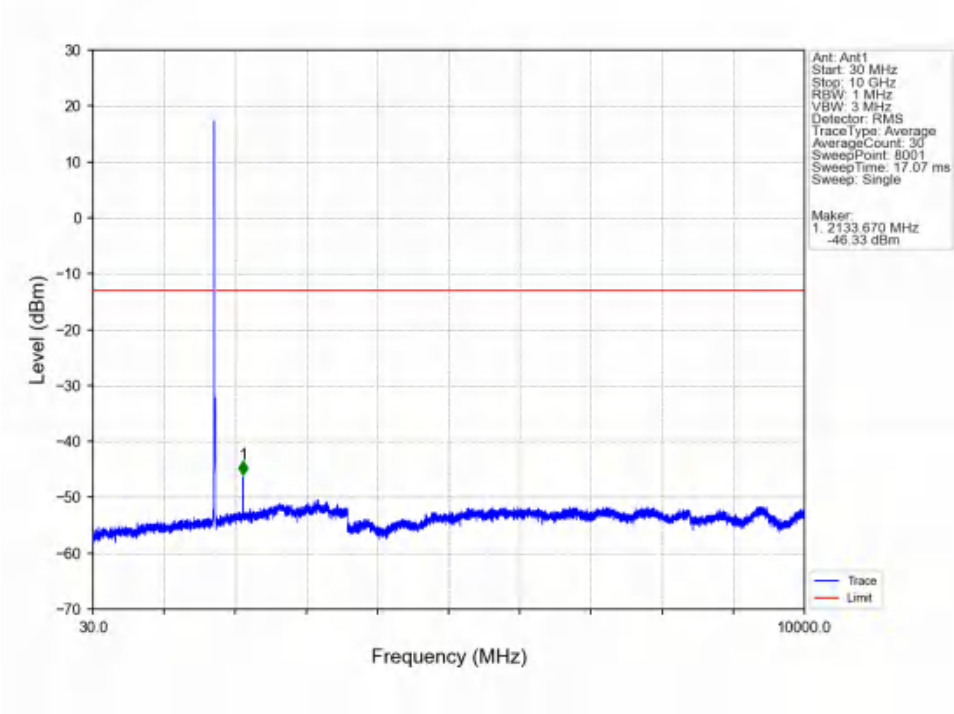
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



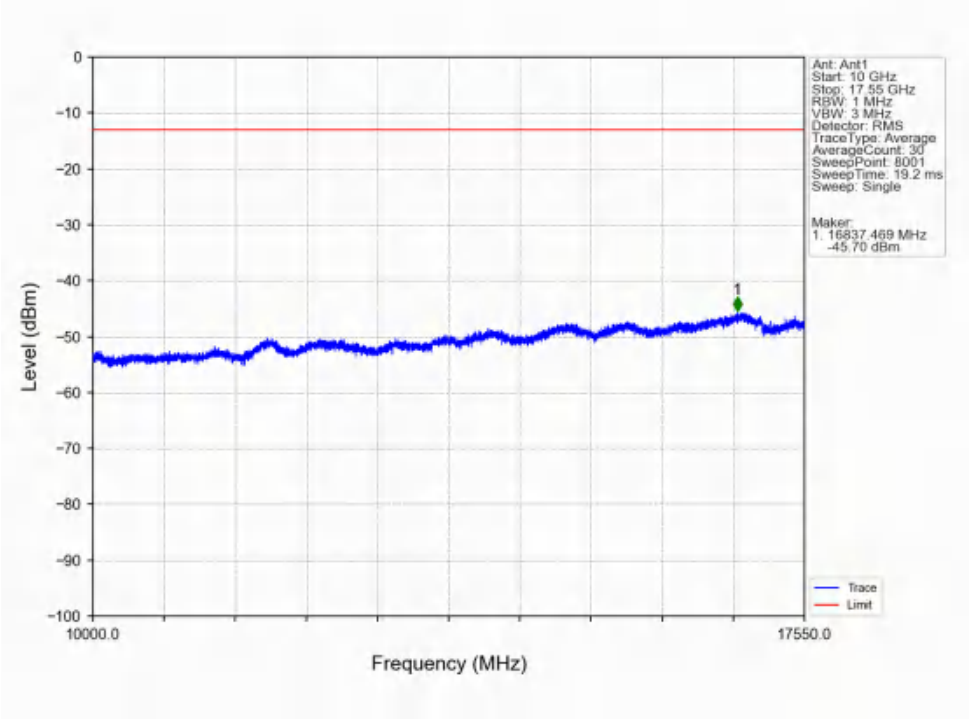
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



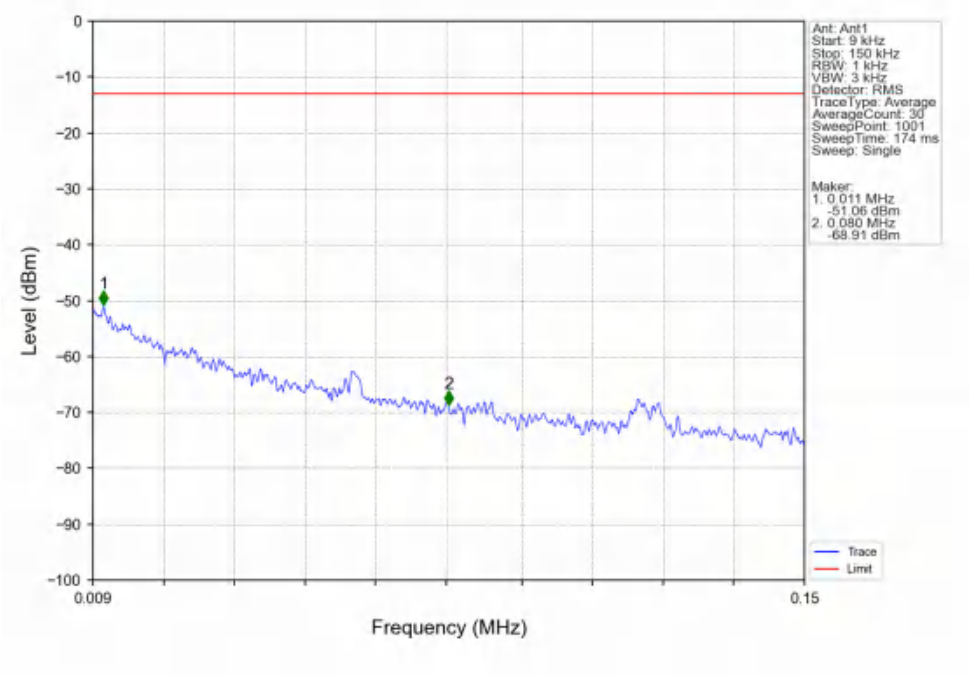
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



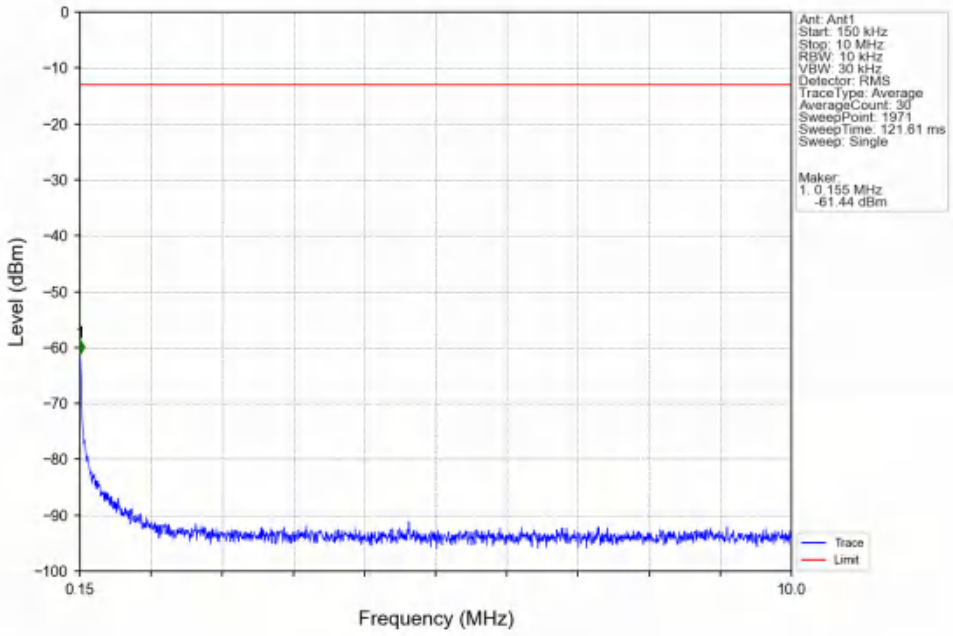
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



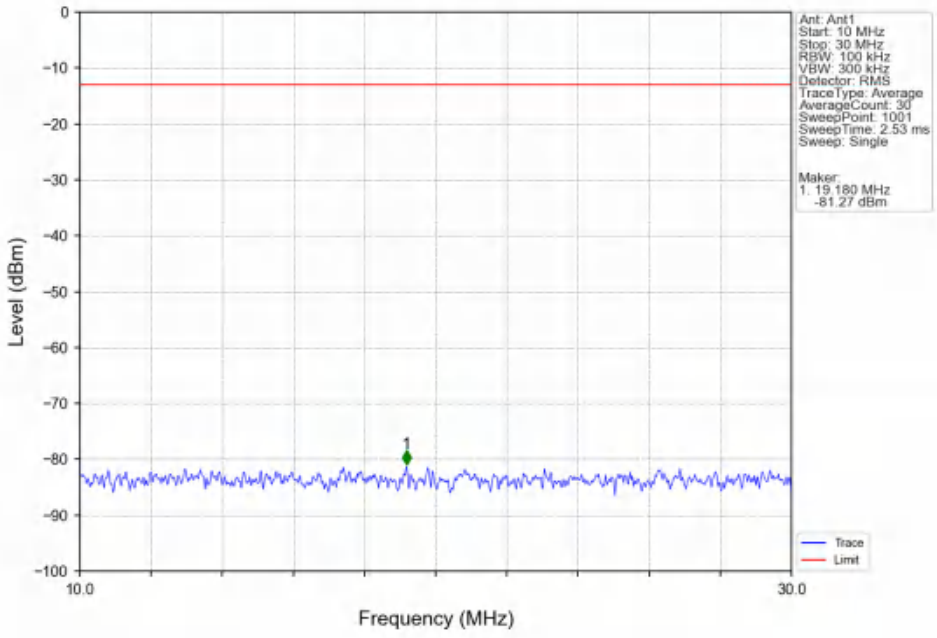
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



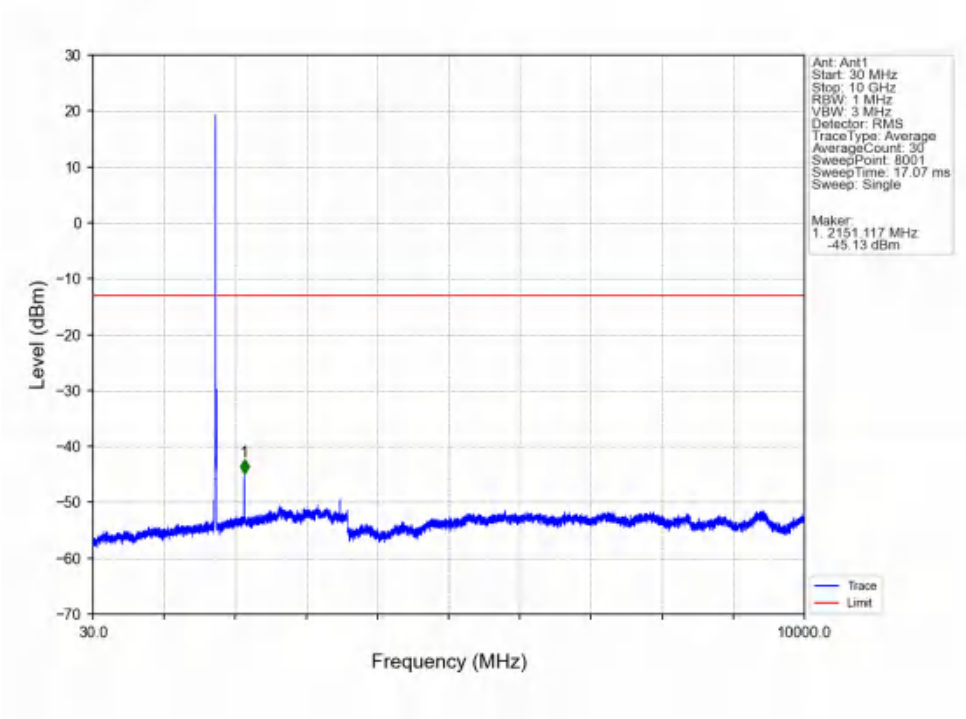
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



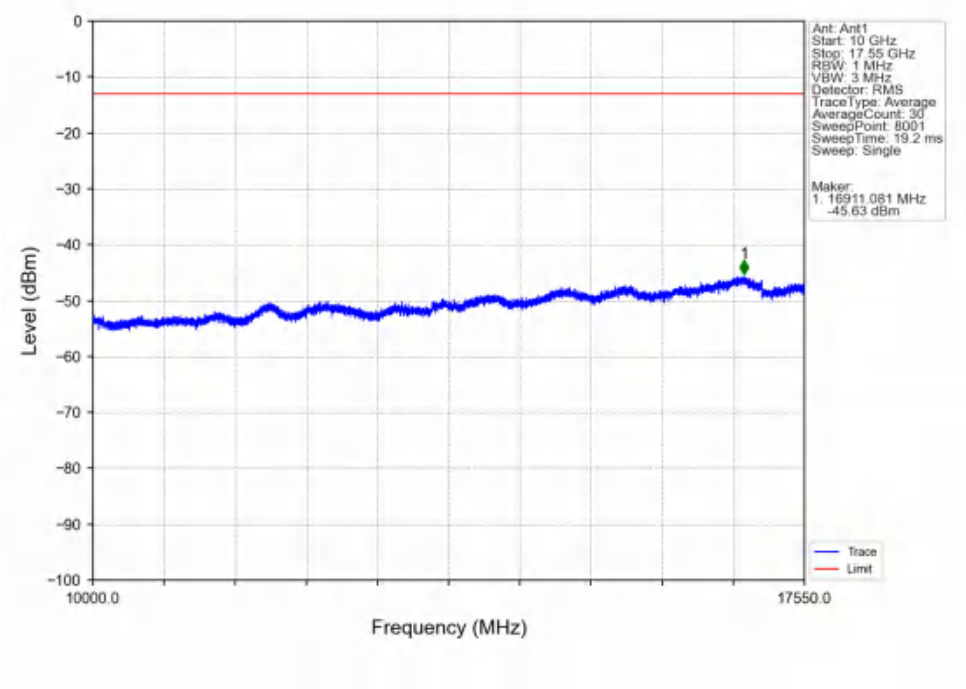
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



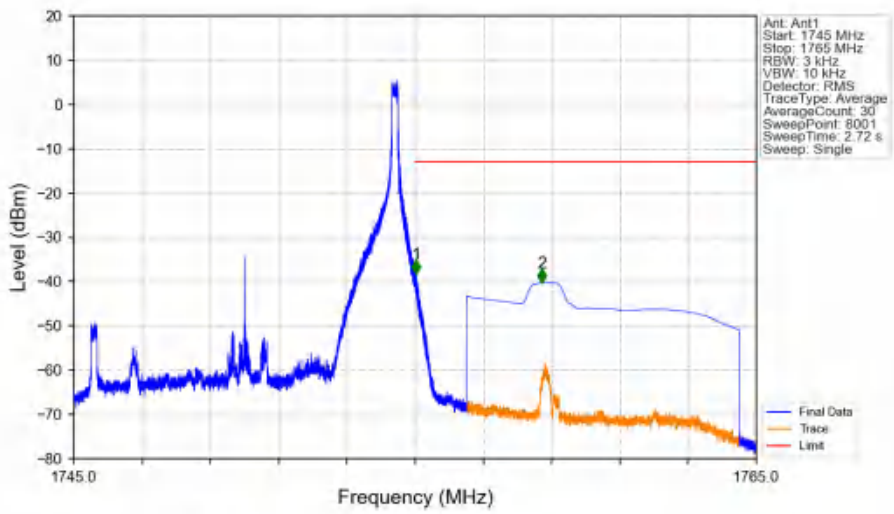
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

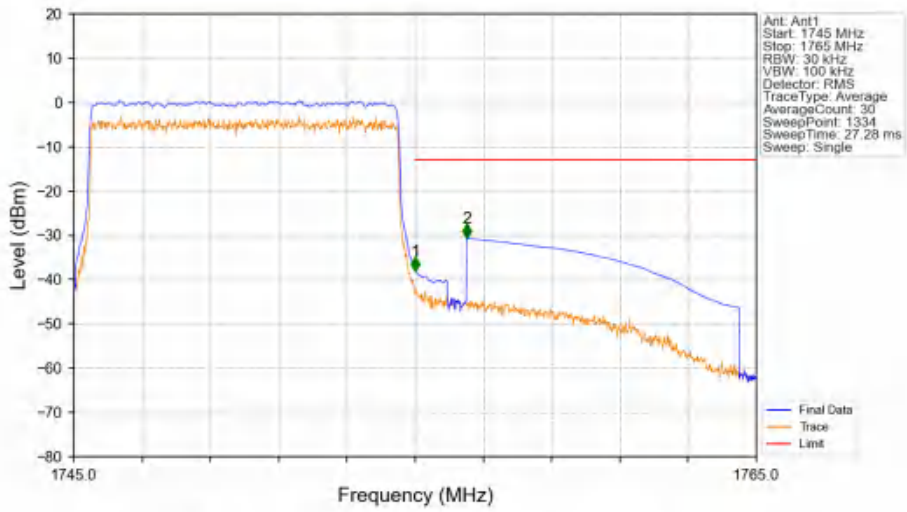


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.027	-38.24	-13	Pass
1756	1765	1	CHP	2	1758.713	-40.29	-13	Pass

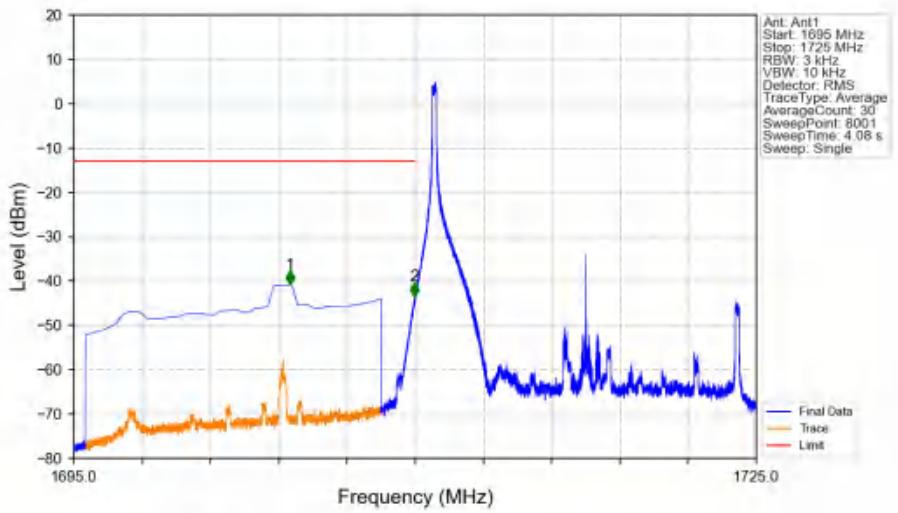
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.008	-38.11	-13	Pass
1756	1765	1	CHP	2	1756.508	-30.64	-13	Pass

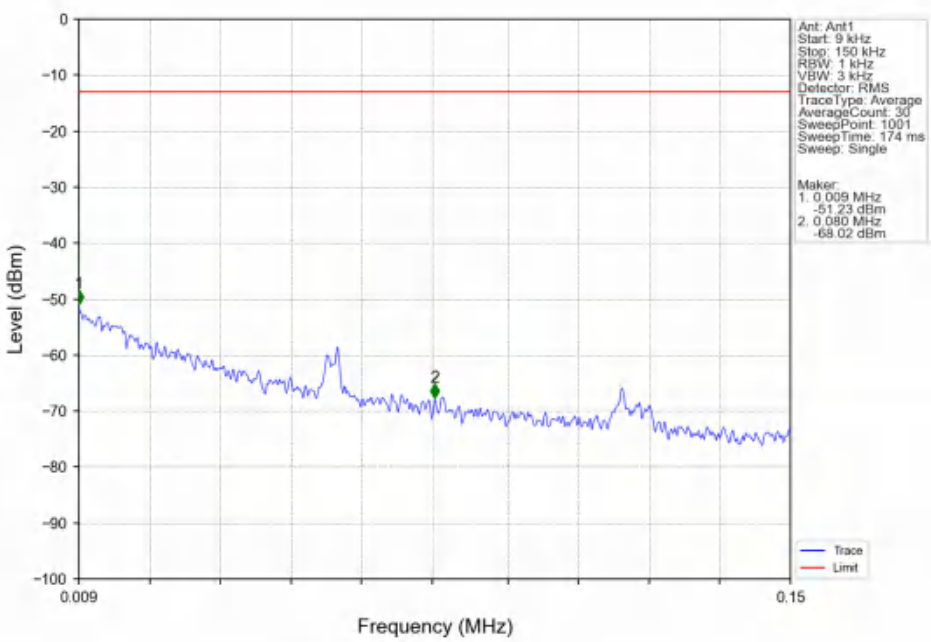
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

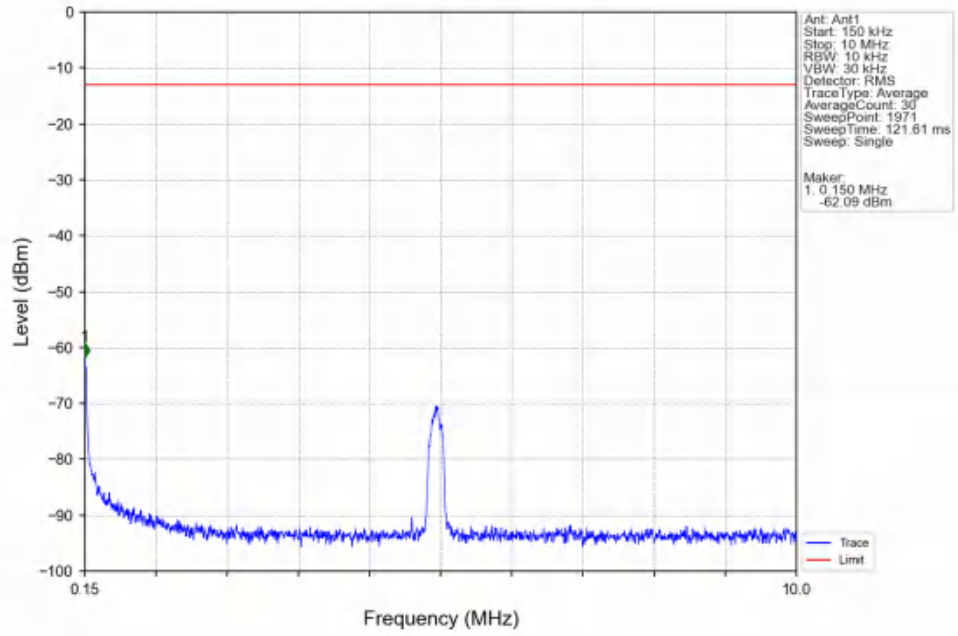


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.499	-40.82	-13	Pass
1709	1710	0.003	/	2	1709.981	-43.42	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

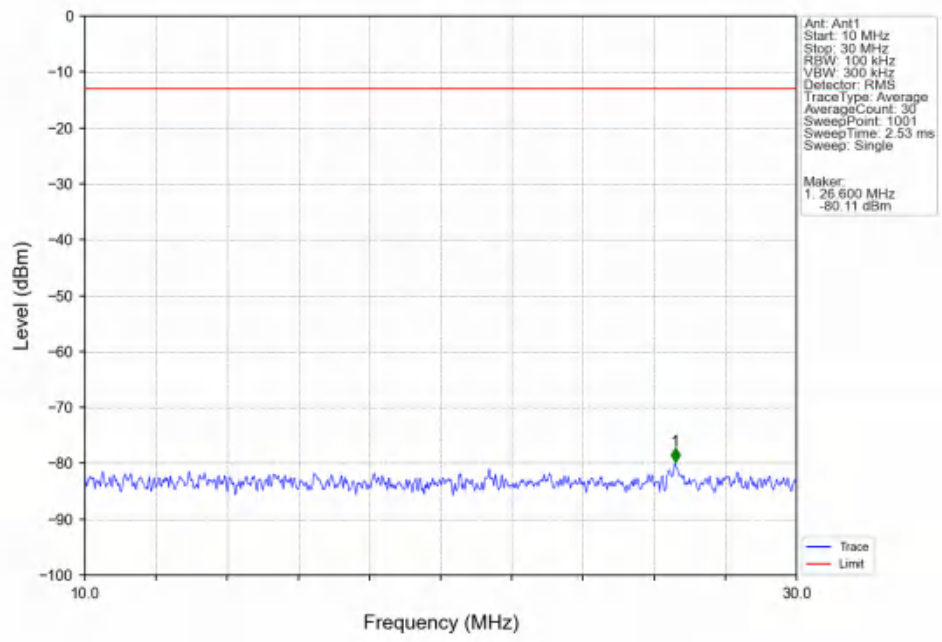
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



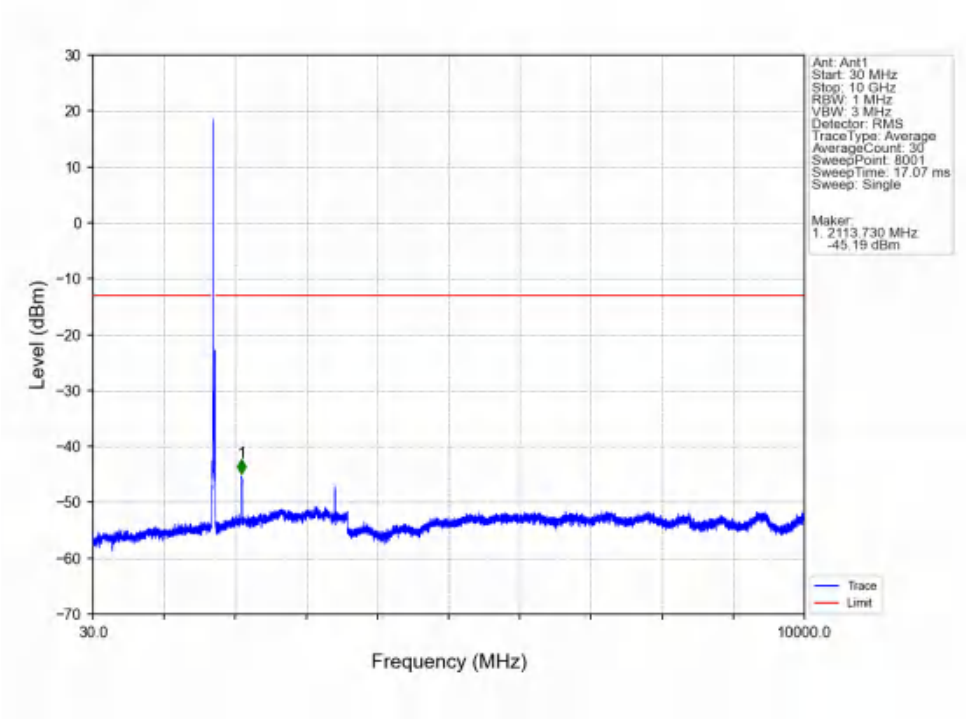
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



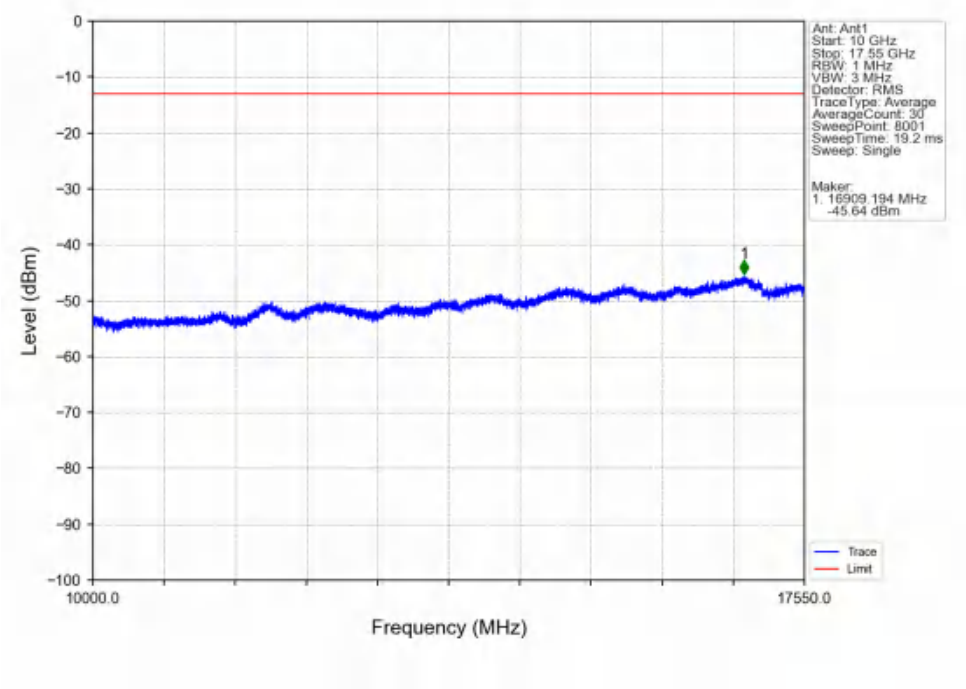
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



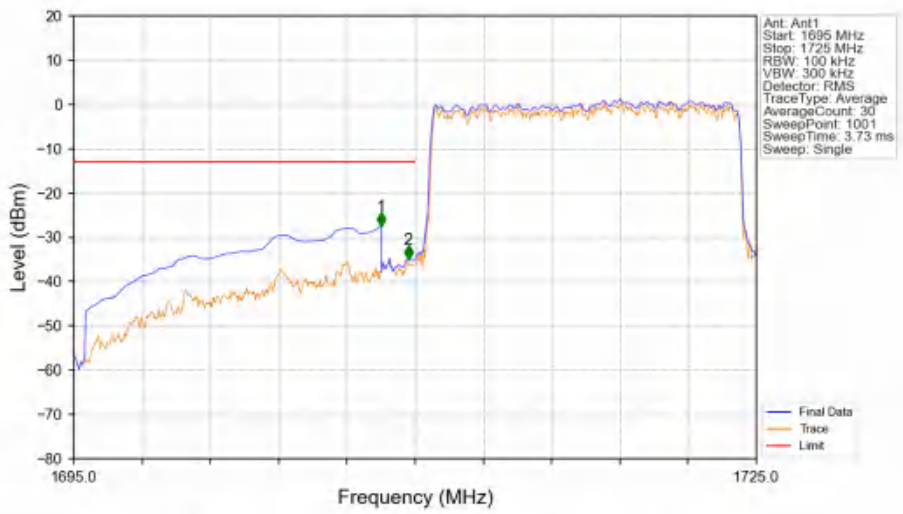
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

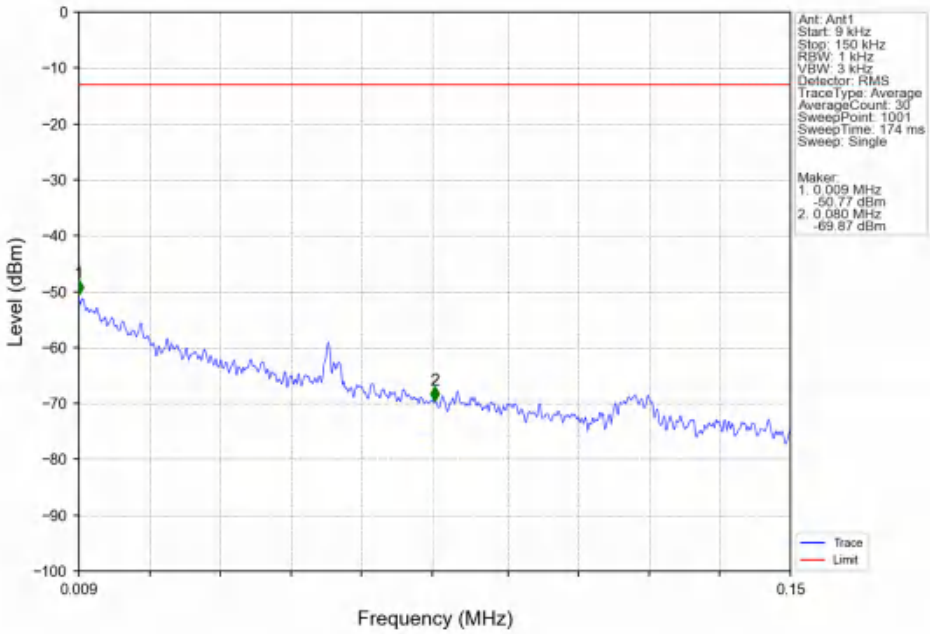


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

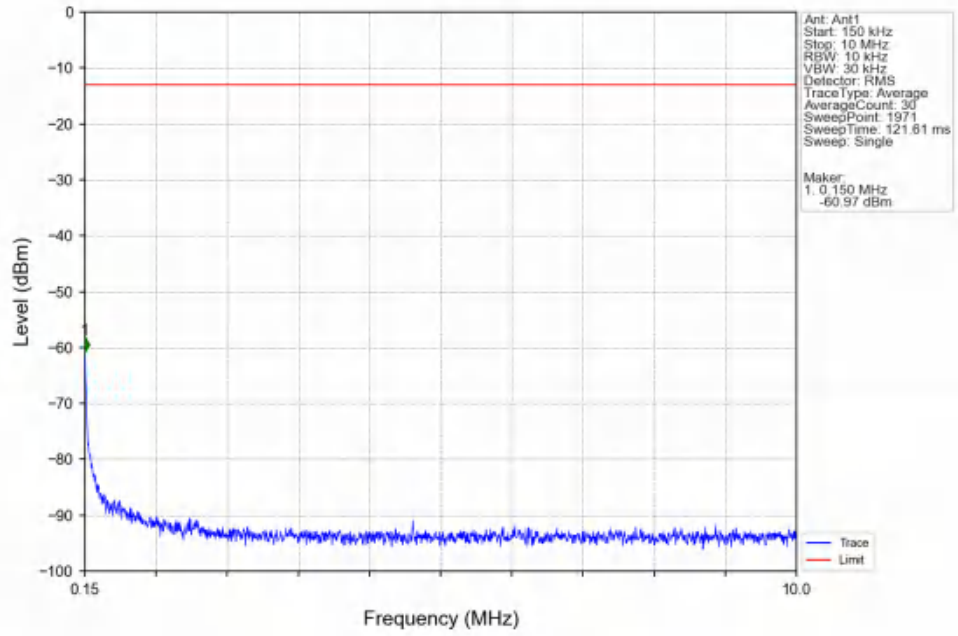


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-27.56	-13	Pass
1709	1710	0.149	CHP	2	1709.700	-34.87	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

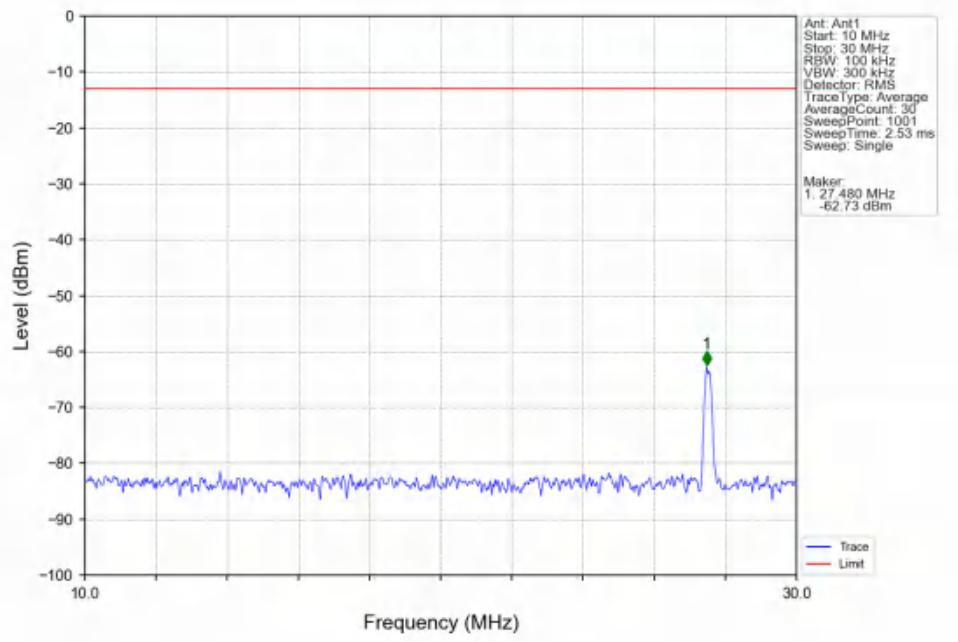
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



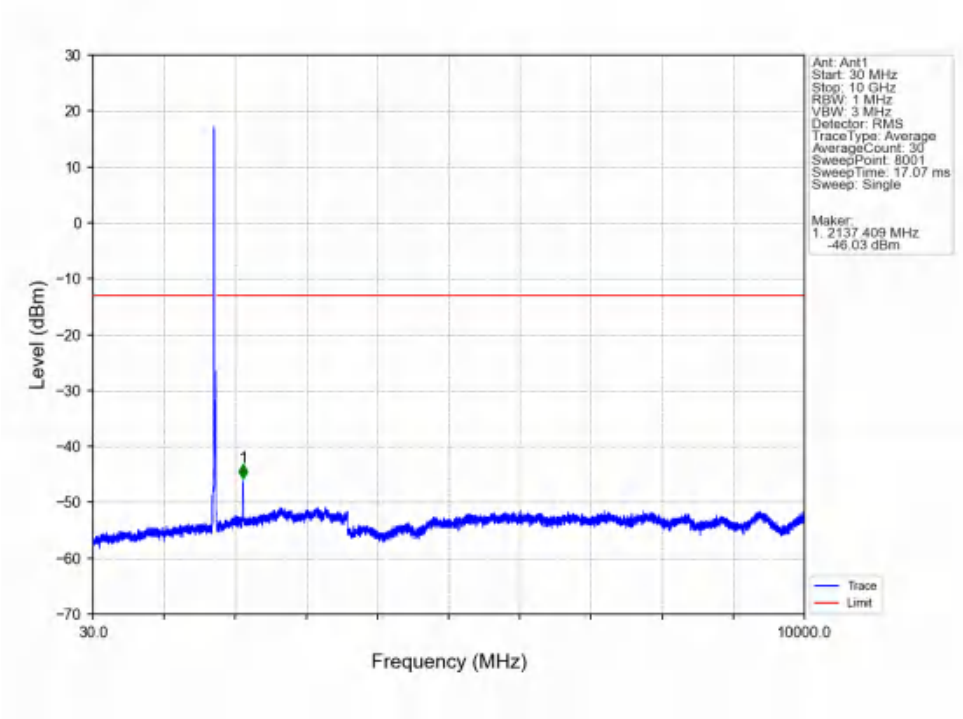
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



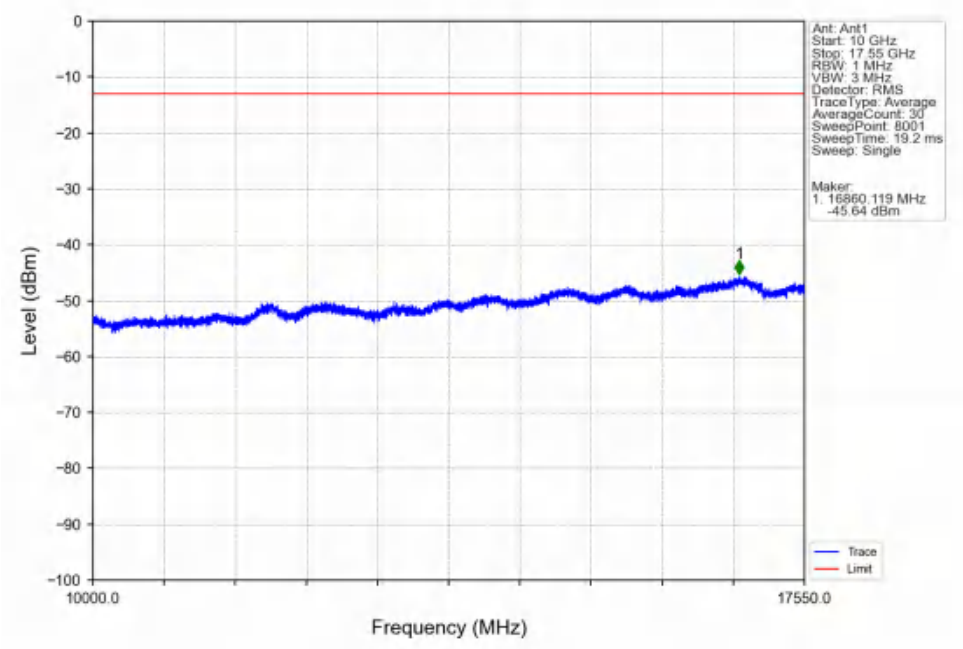
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



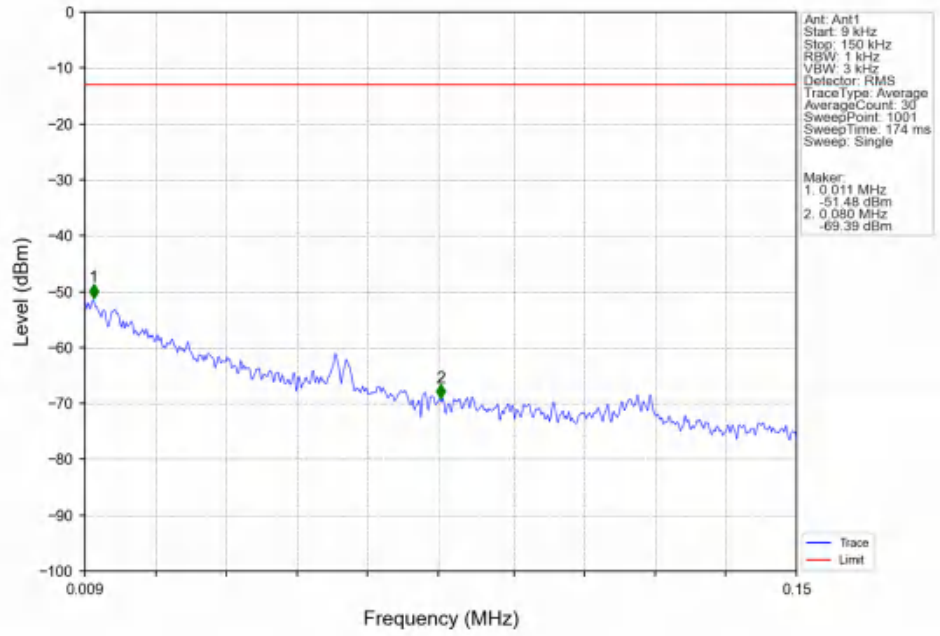
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



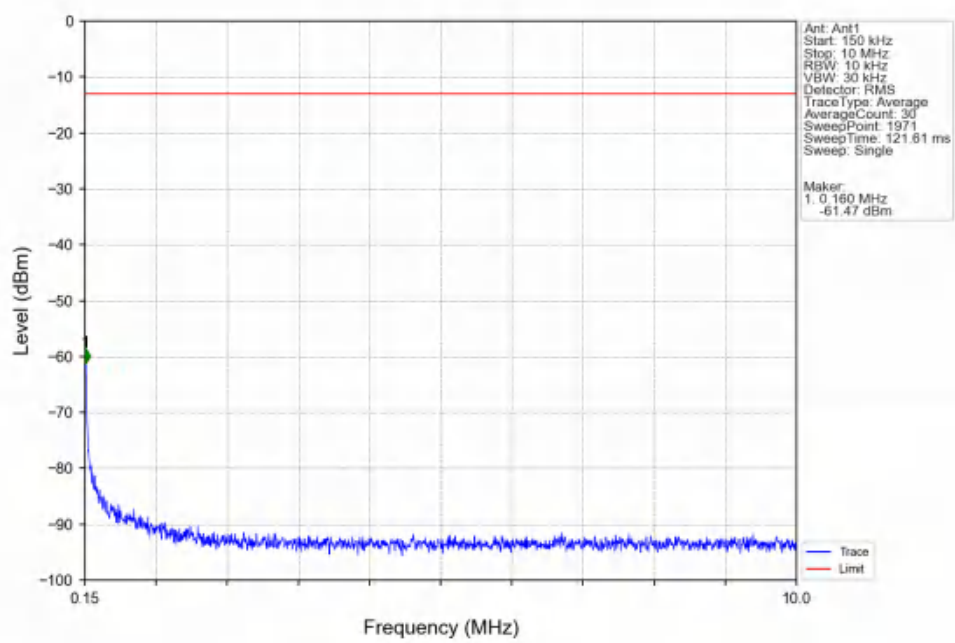
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



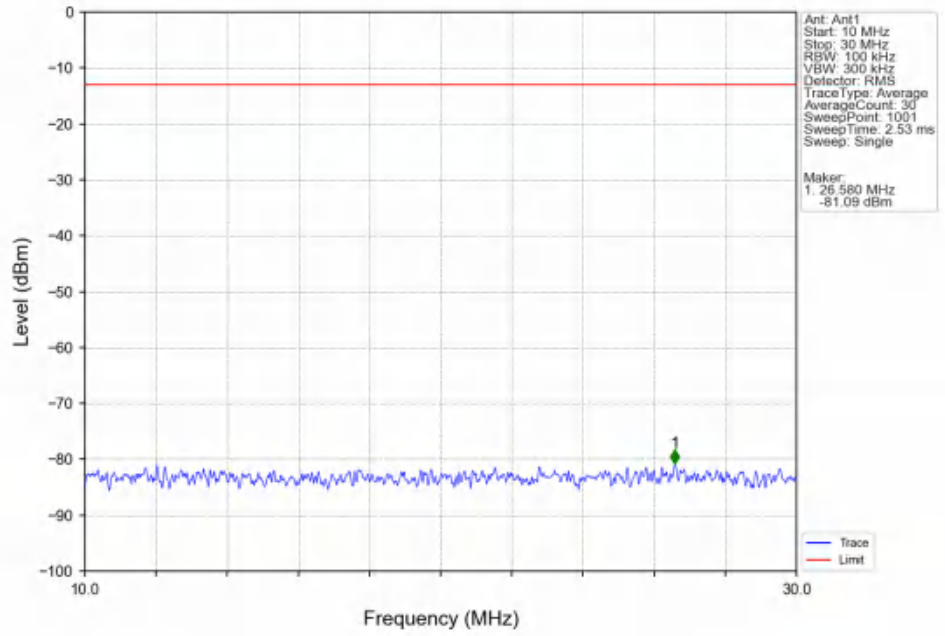
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



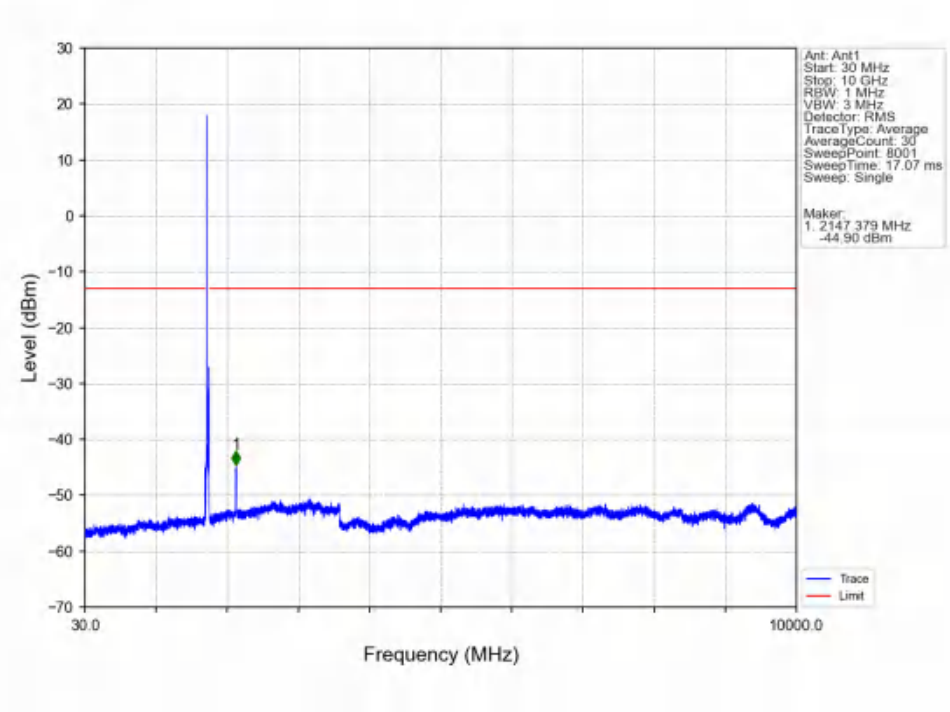
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



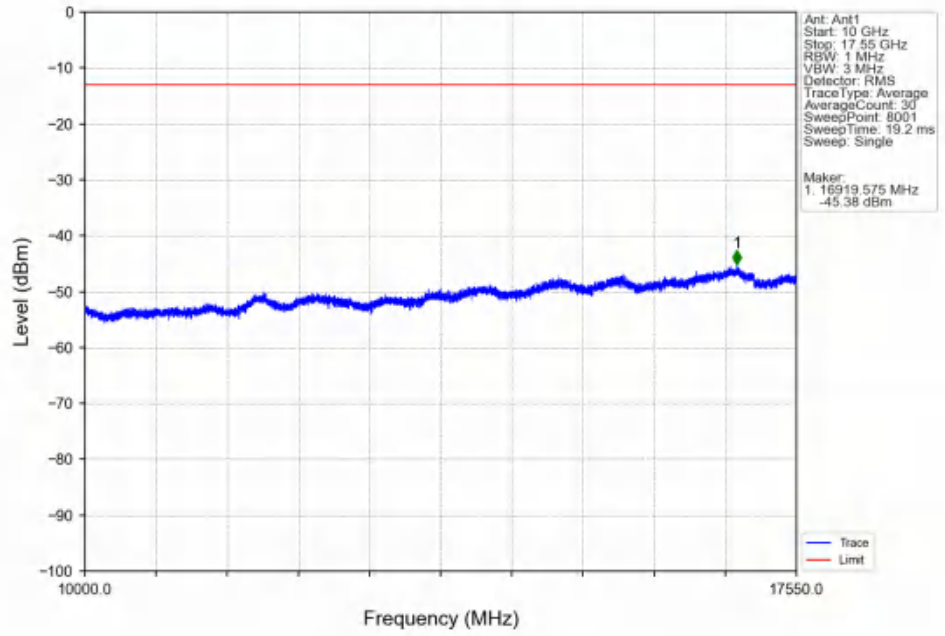
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



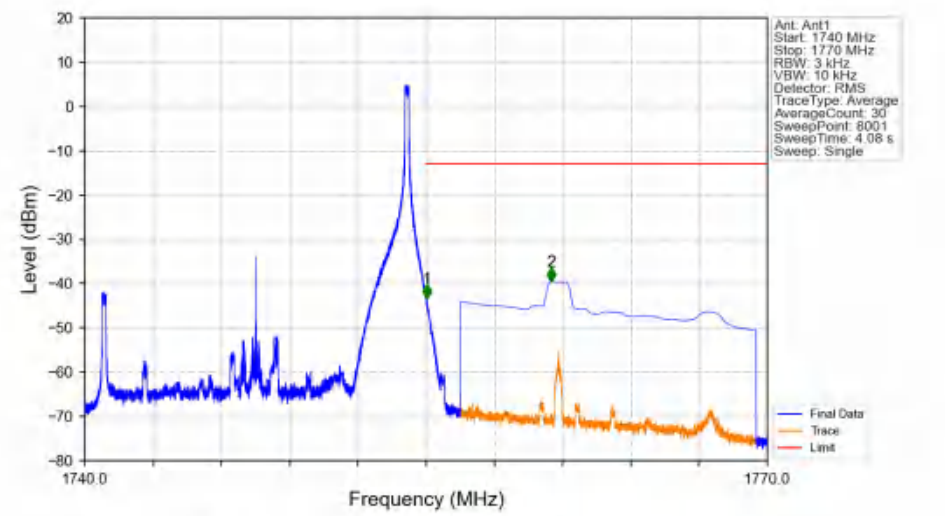
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

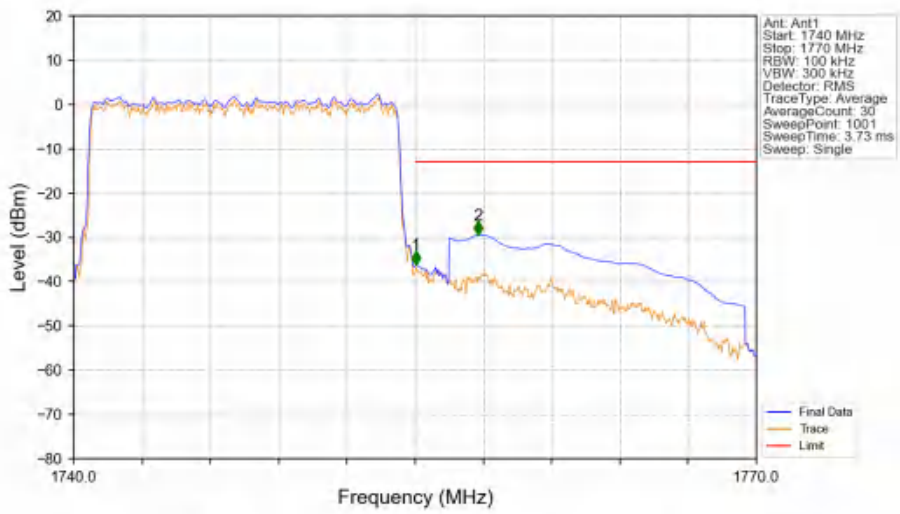


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



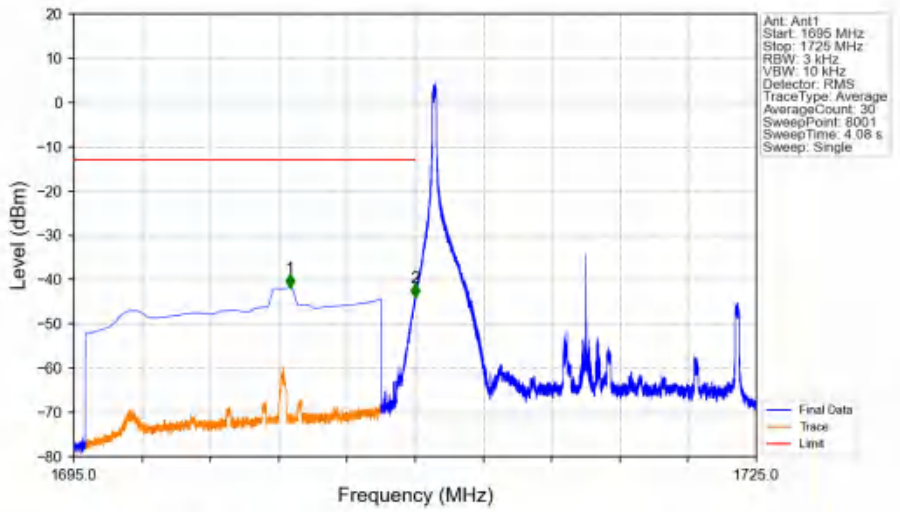
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.019	-43.39	-13	Pass
1756	1770	1	CHP	2	1760.490	-39.47	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



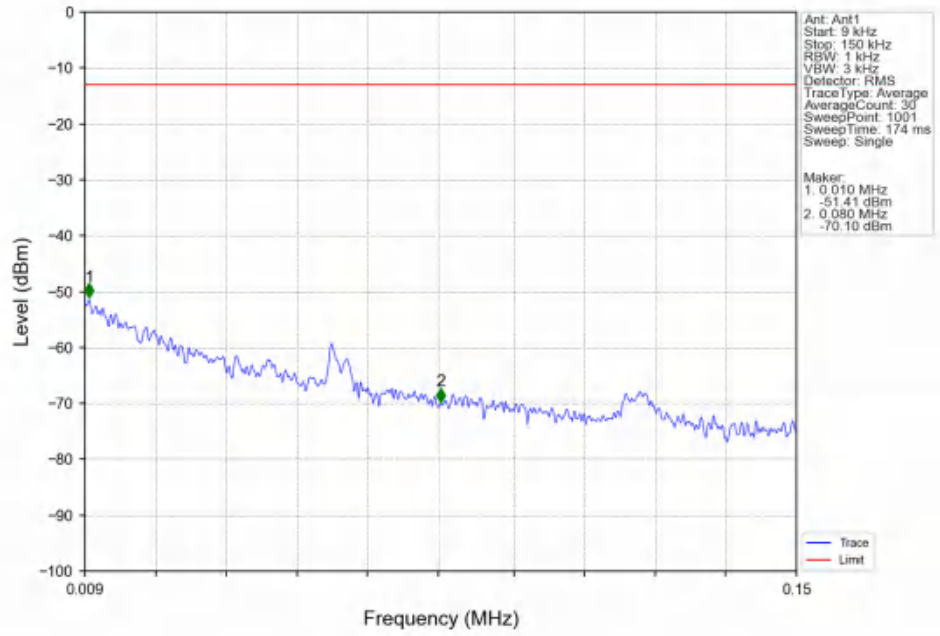
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	CHP	/	/	/	/	/
1755	1756	0.15	CHP	1	1755.030	-36.27	-13	Pass
1756	1770	1	CHP	2	1757.760	-29.53	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

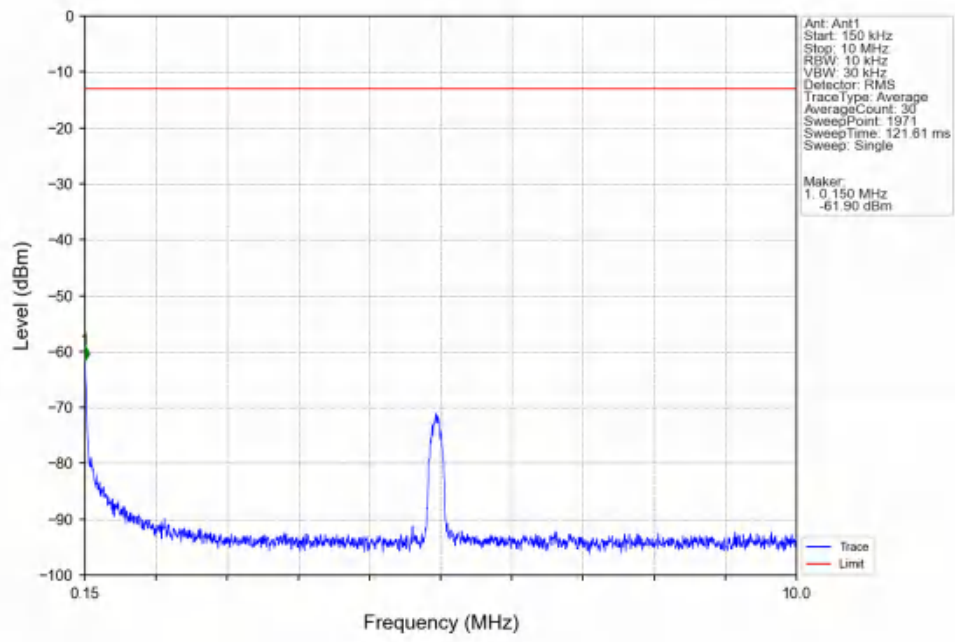


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.503	-41.79	-13	Pass
1709	1710	0.003	/	2	1709.996	-44.14	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

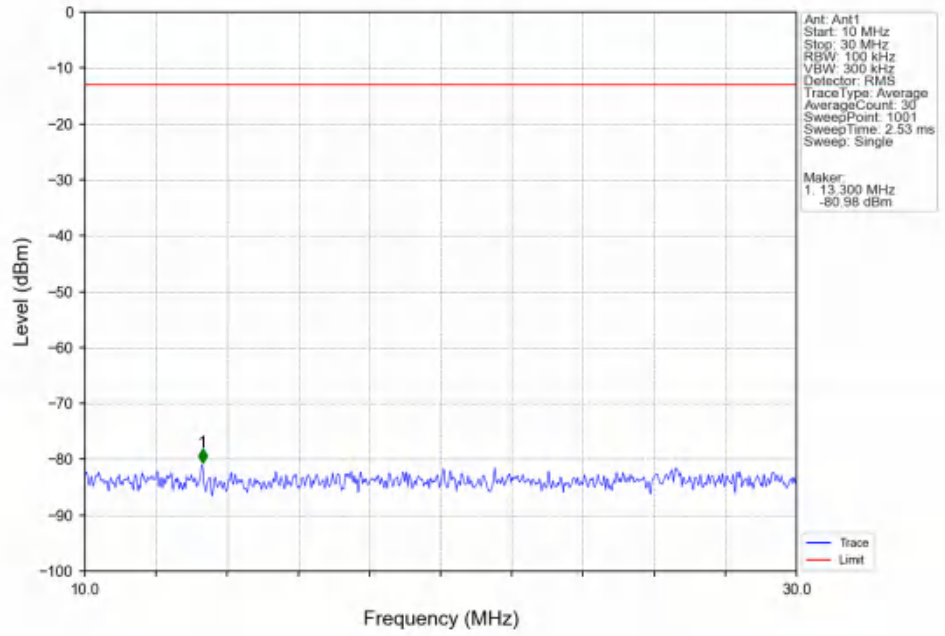
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



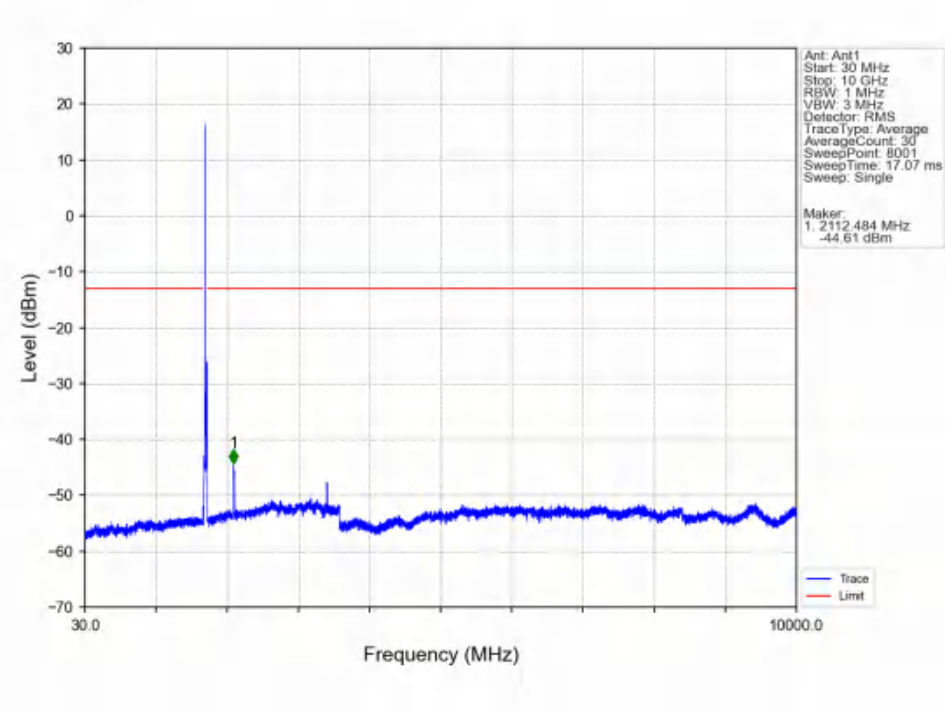
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



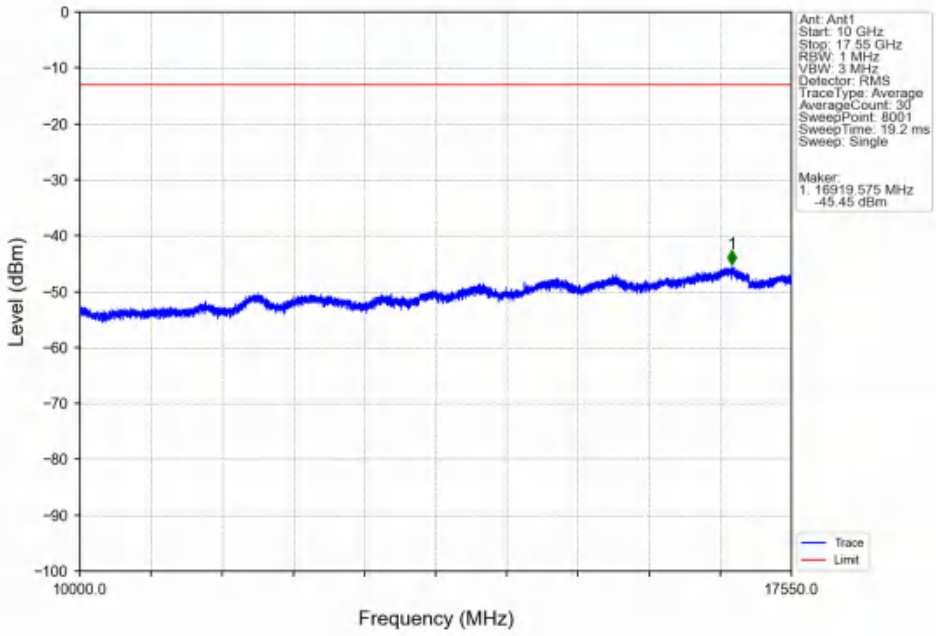
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



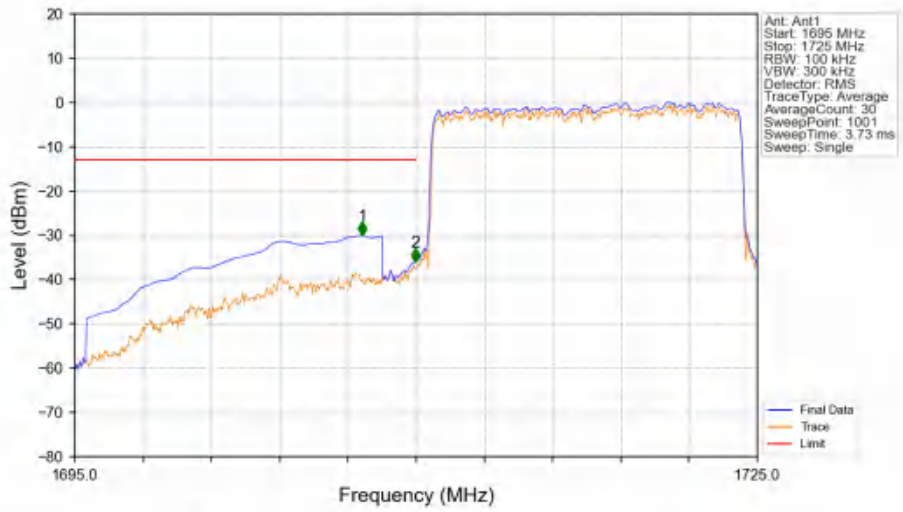
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

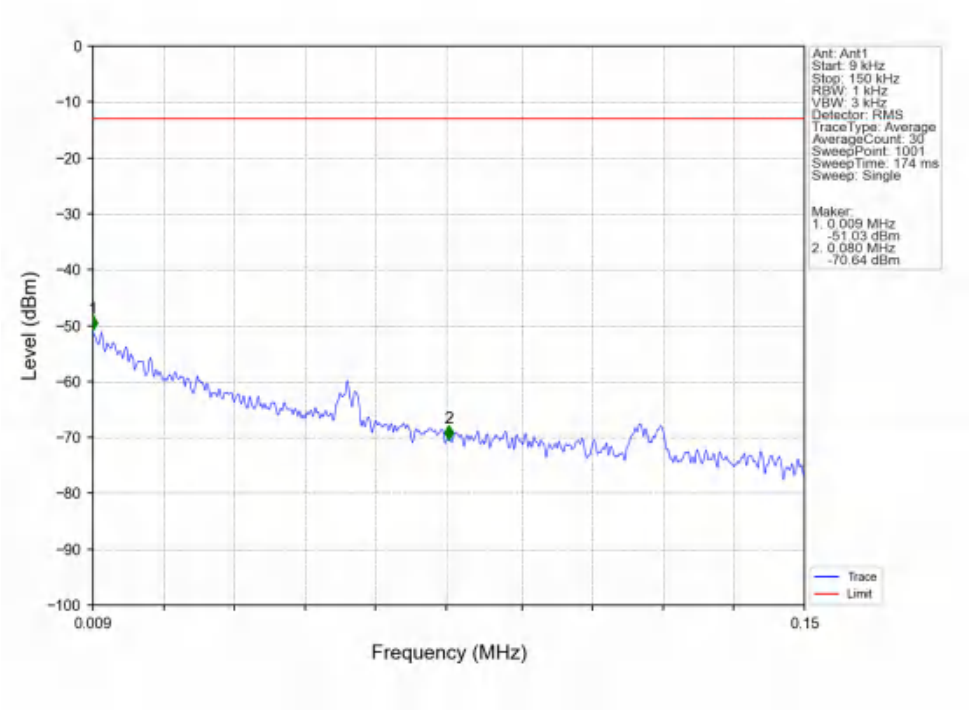


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

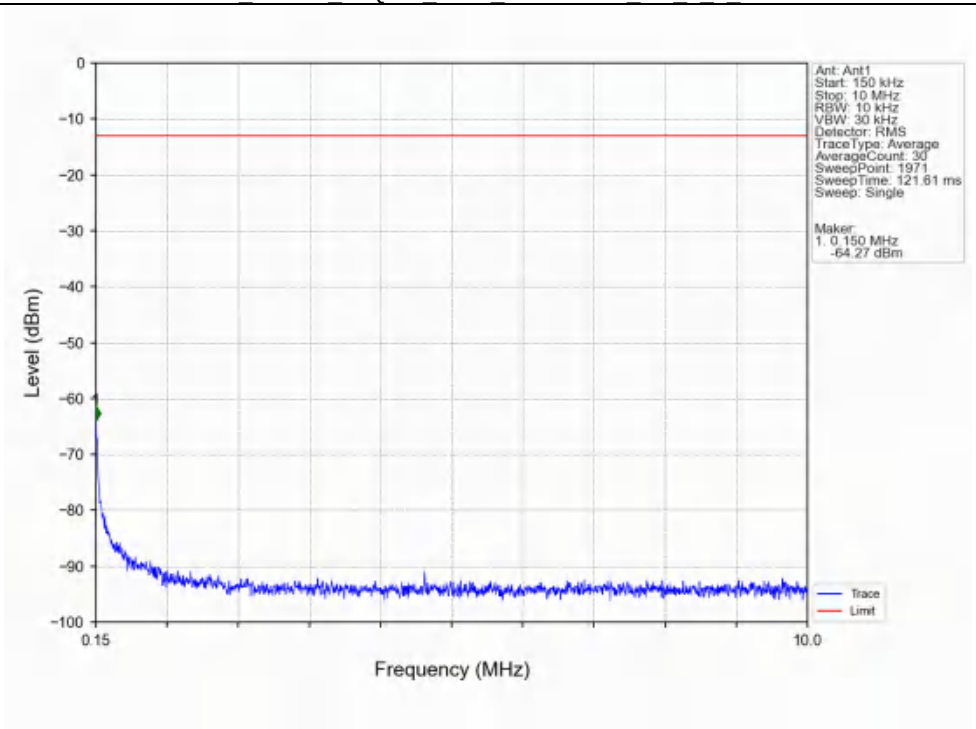


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.630	-30.03	-13	Pass
1709	1710	0.149	CHP	2	1709.970	-36.03	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

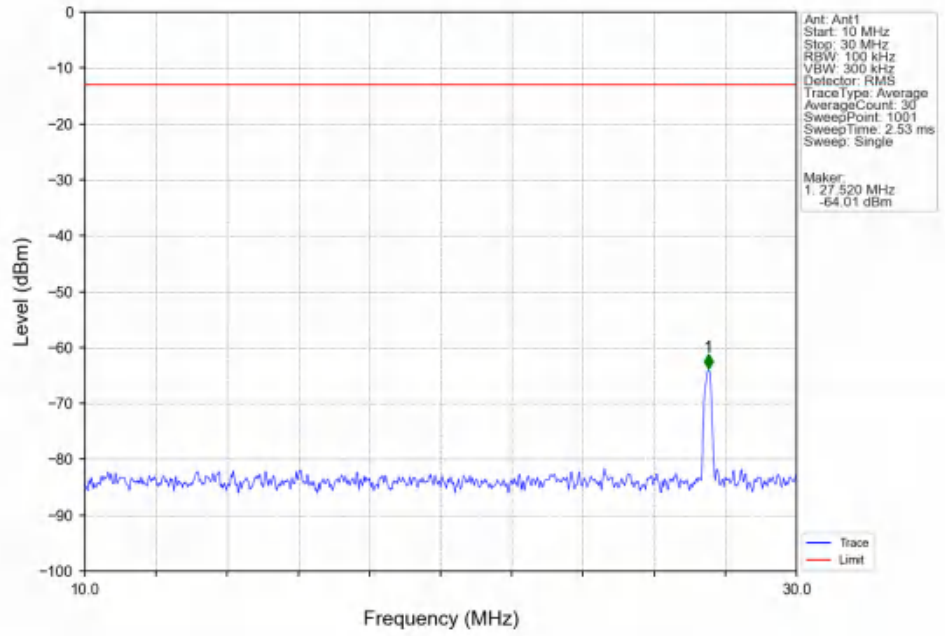
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



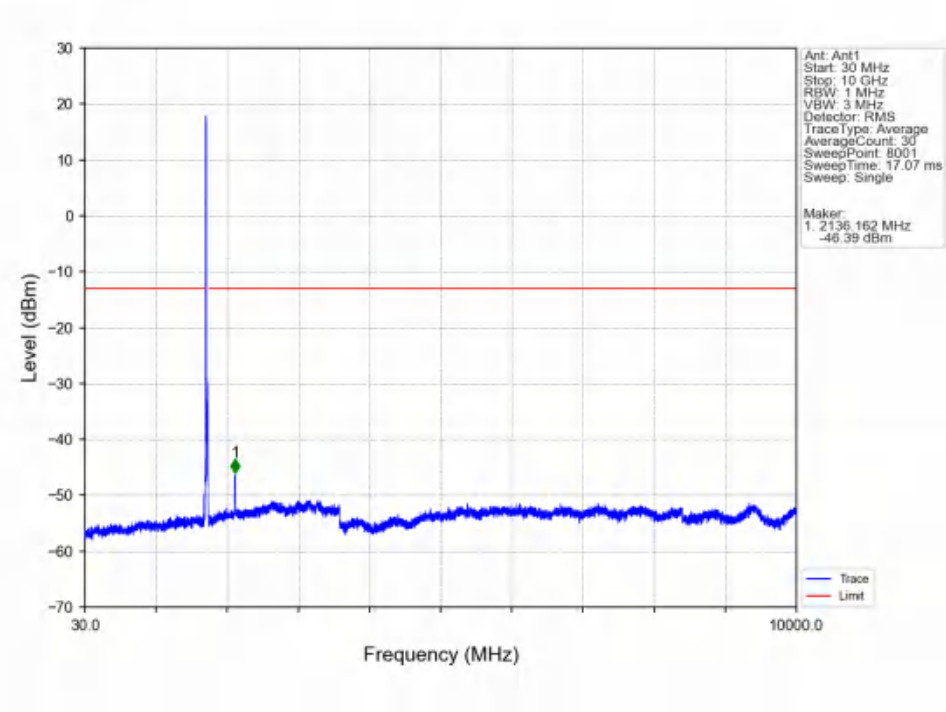
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



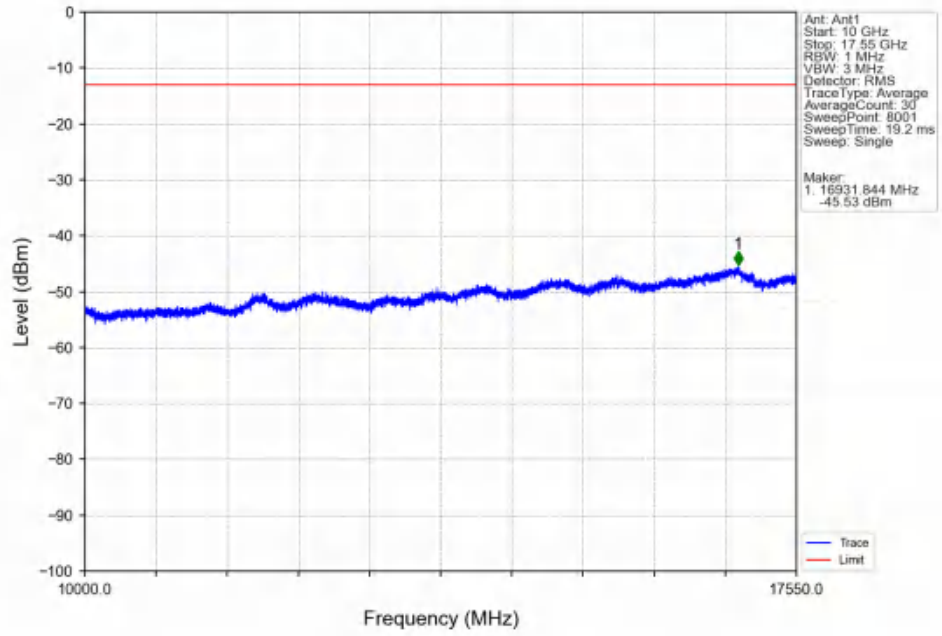
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



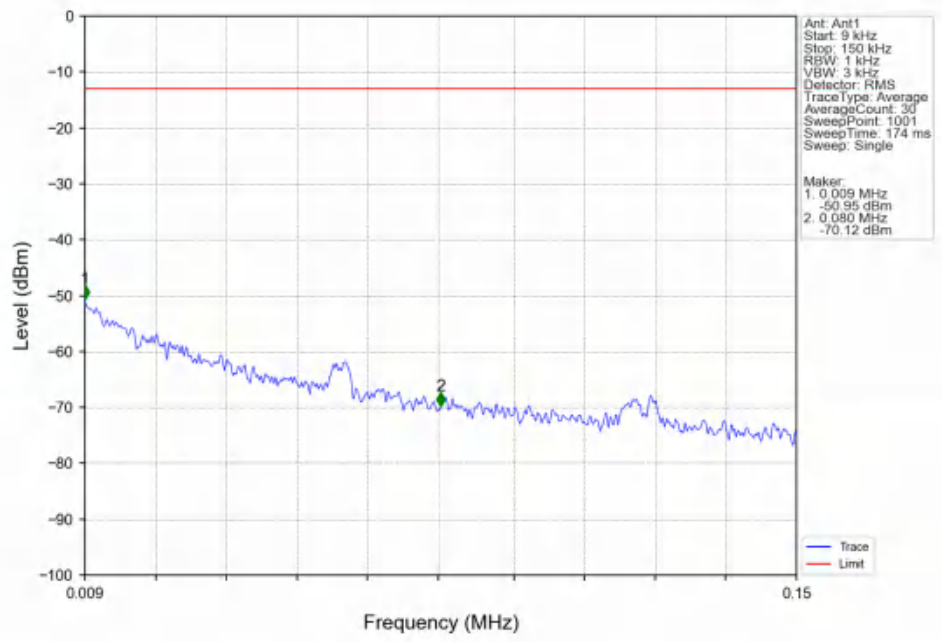
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



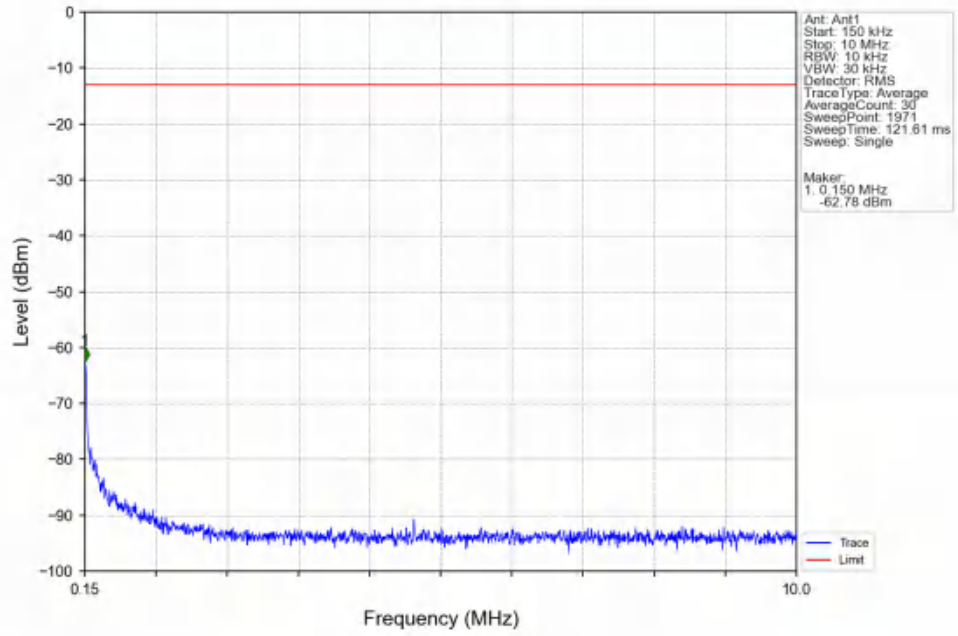
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



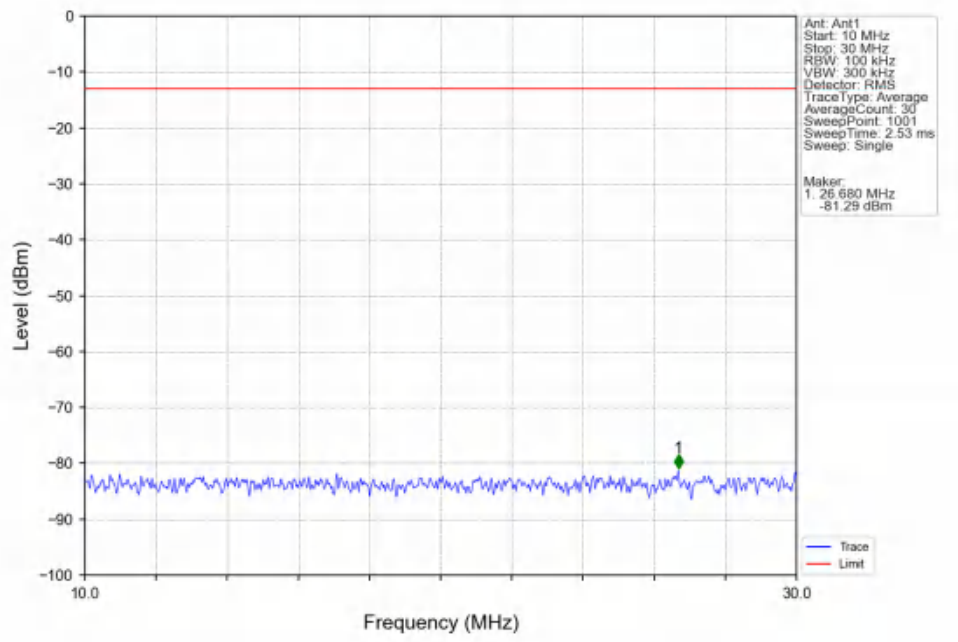
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



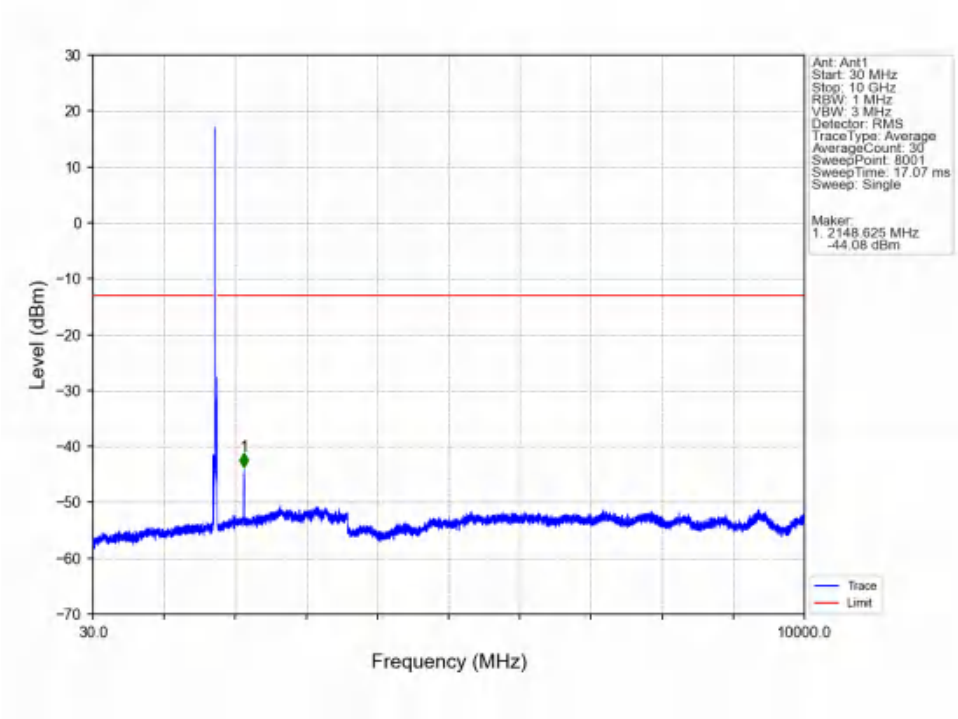
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



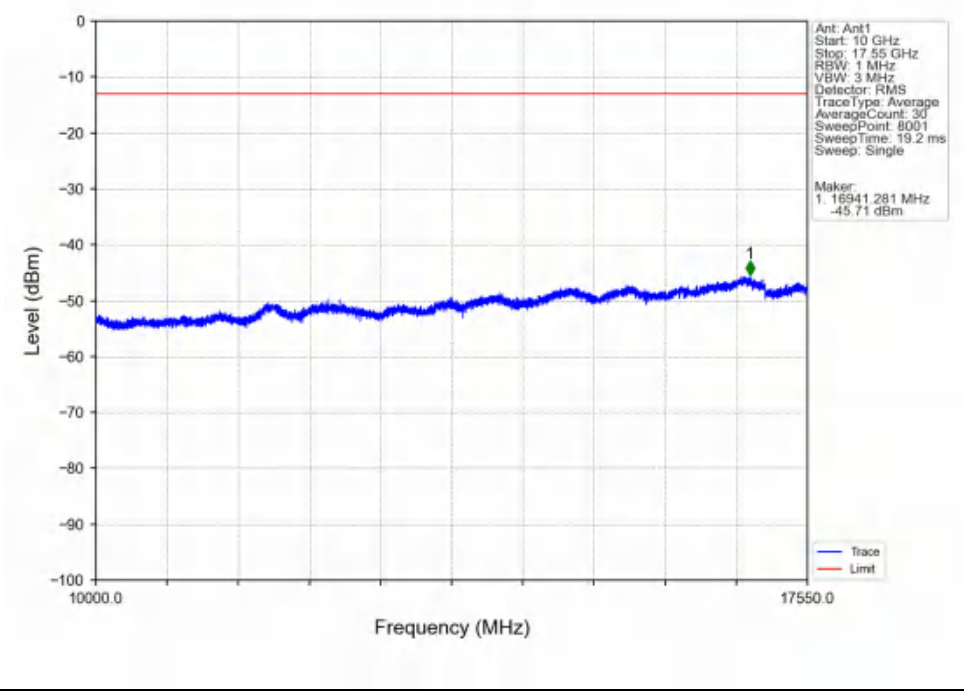
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



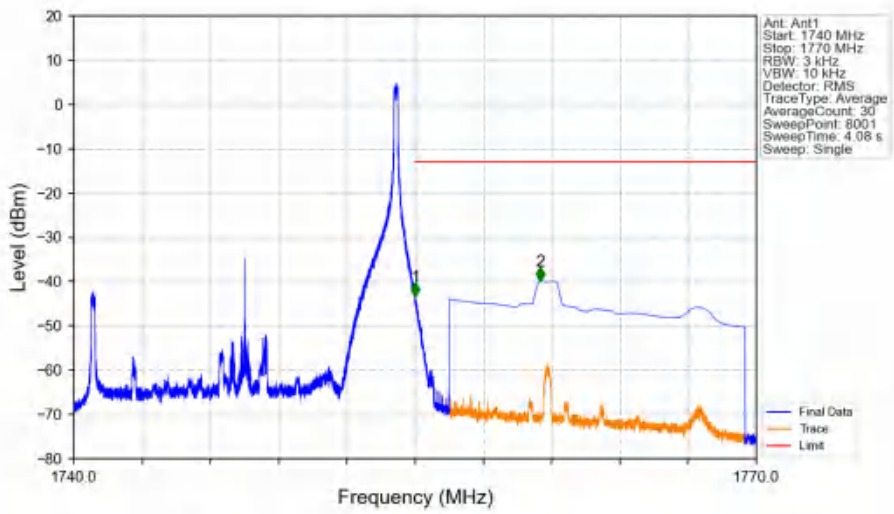
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

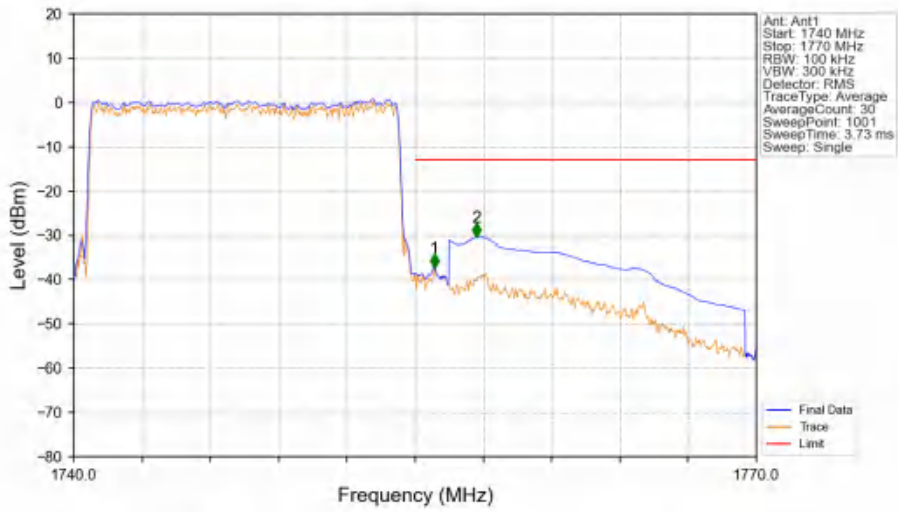


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-43.27	-13	Pass
1756	1770	1	CHP	2	1760.490	-39.86	-13	Pass

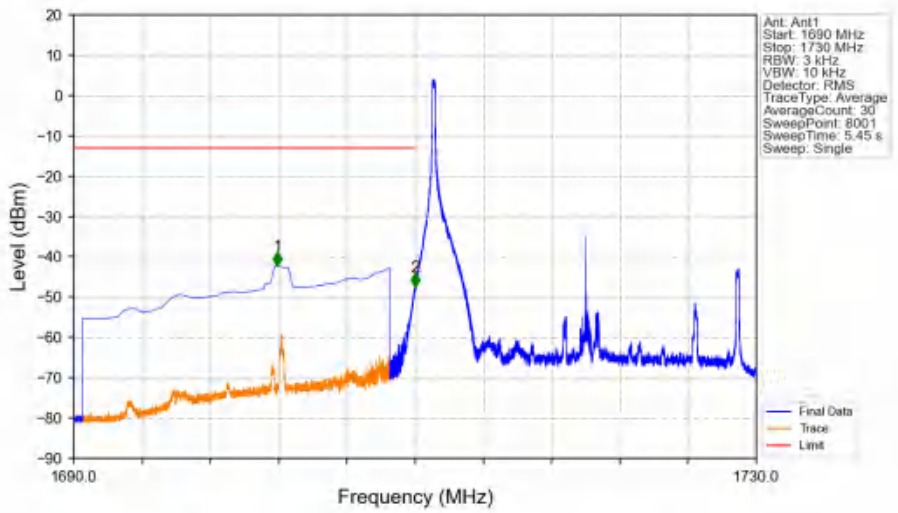
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	CHP	/	/	/	/	/
1755	1756	0.15	CHP	1	1755.840	-37.25	-13	Pass
1756	1770	1	CHP	2	1757.700	-30.34	-13	Pass

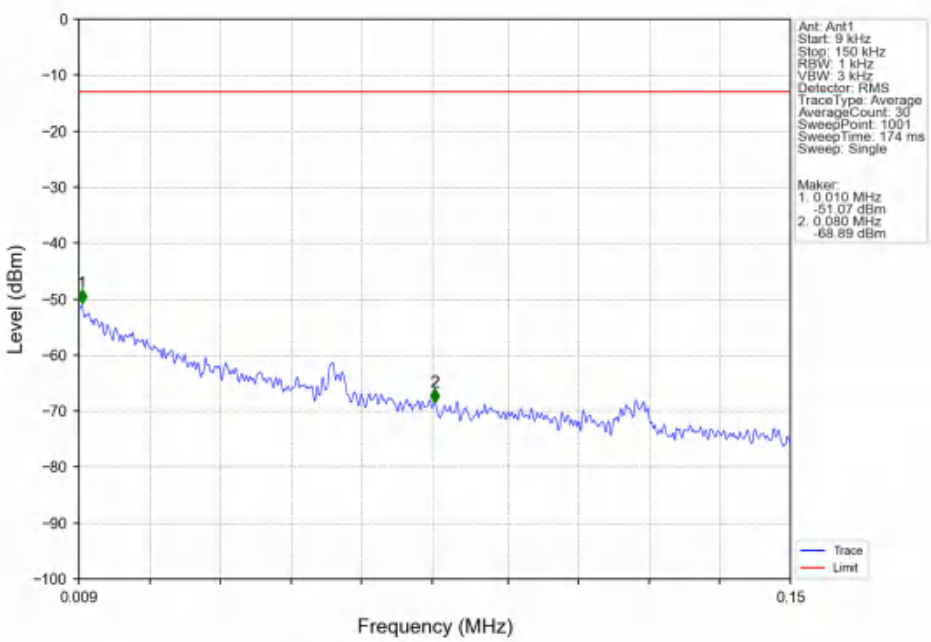
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

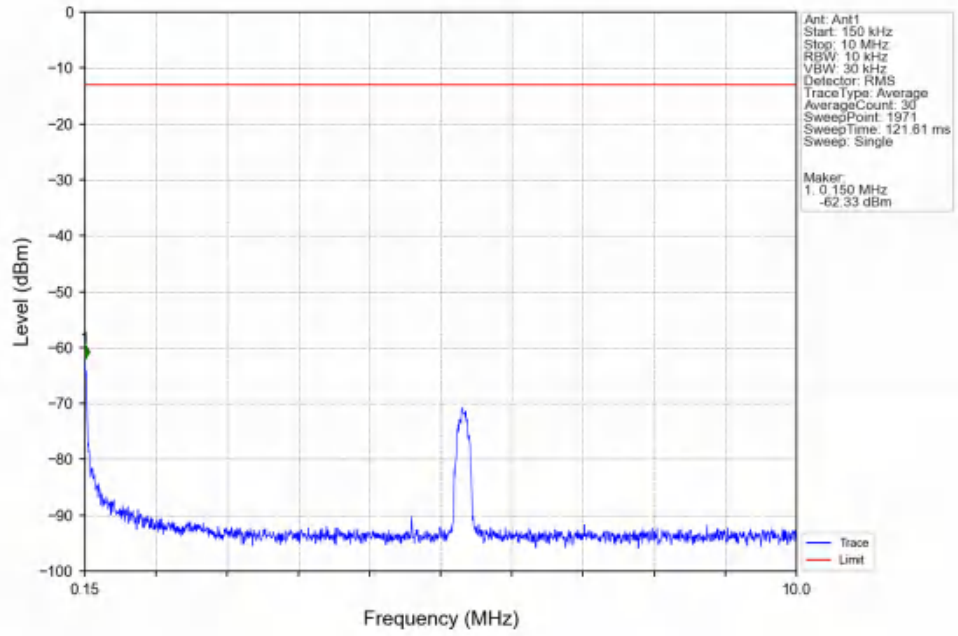


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1701.935	-42.23	-13	Pass
1709	1710	0.003	/	2	1709.995	-47.50	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

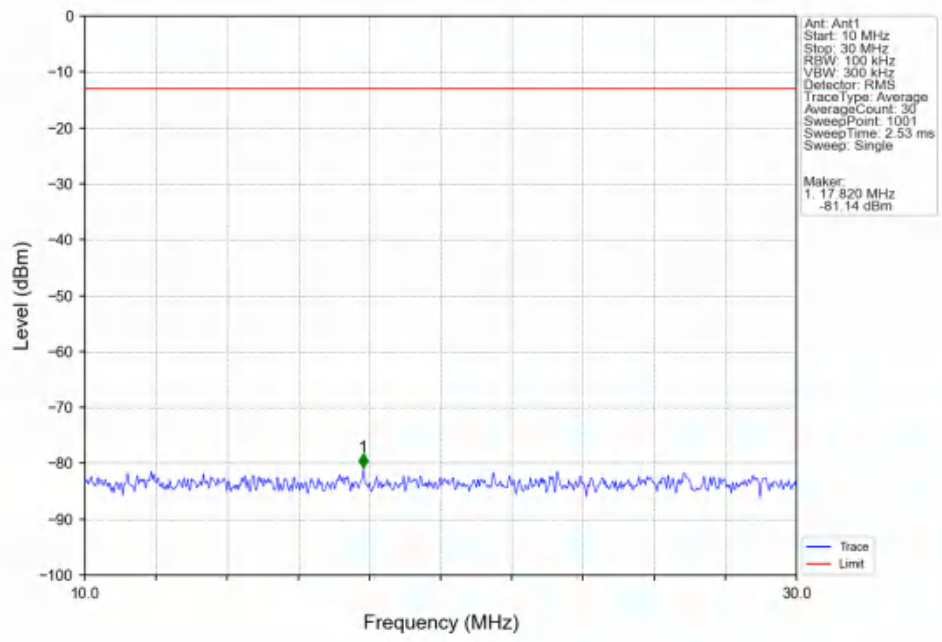
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



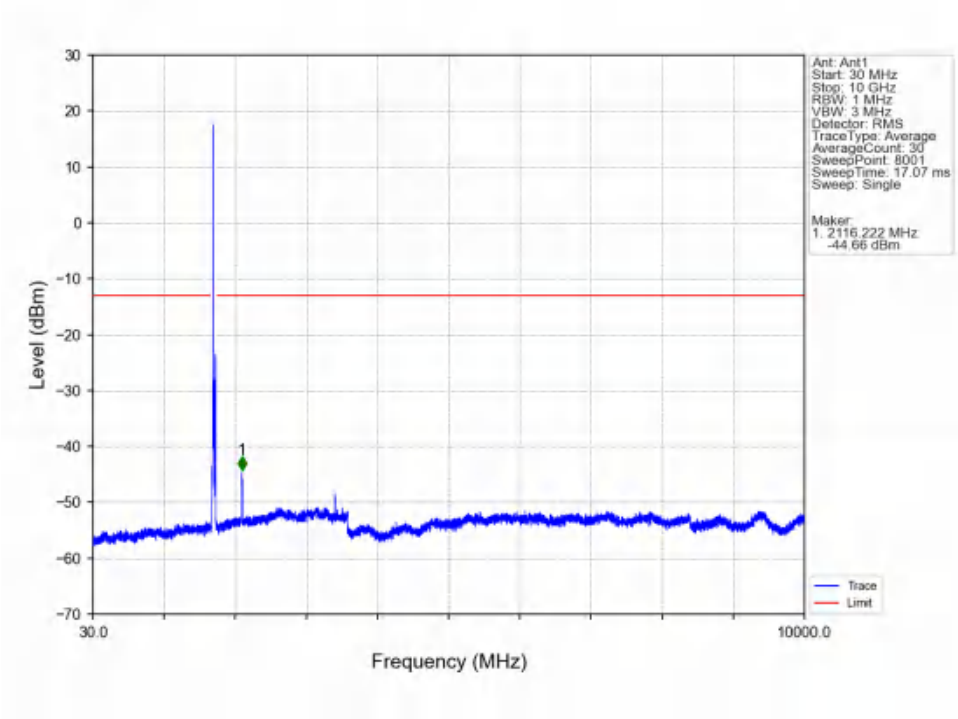
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



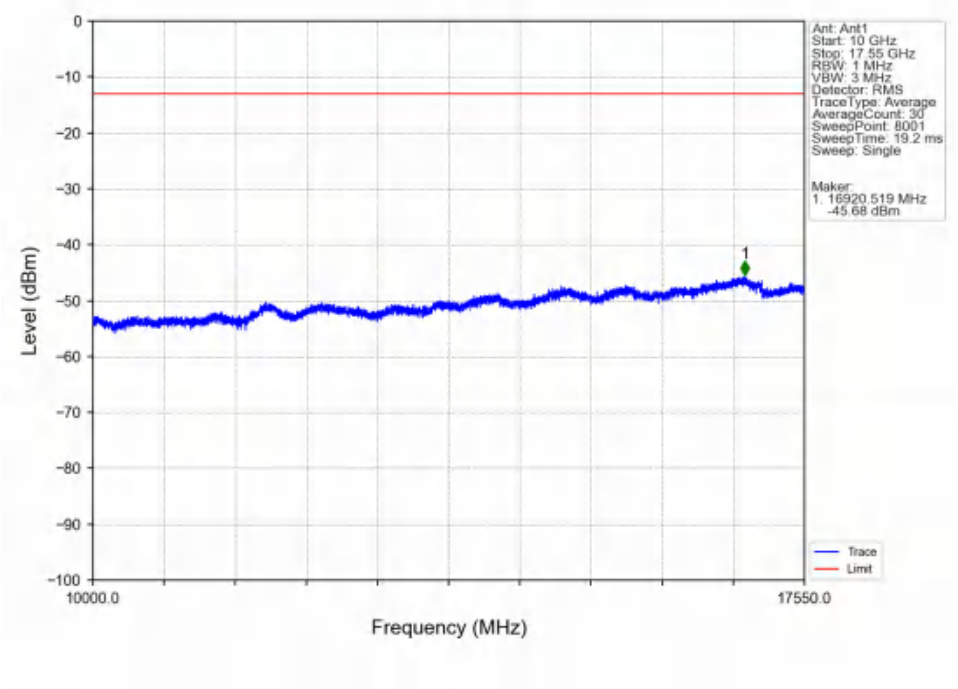
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



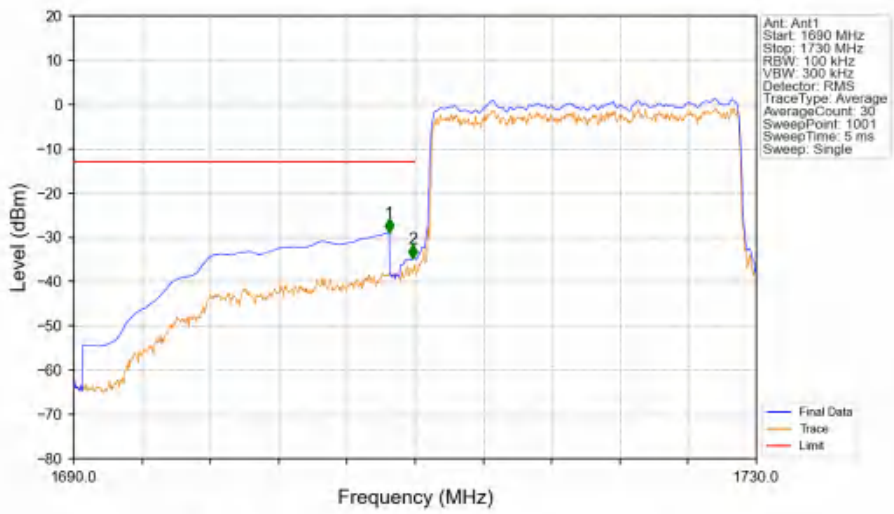
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

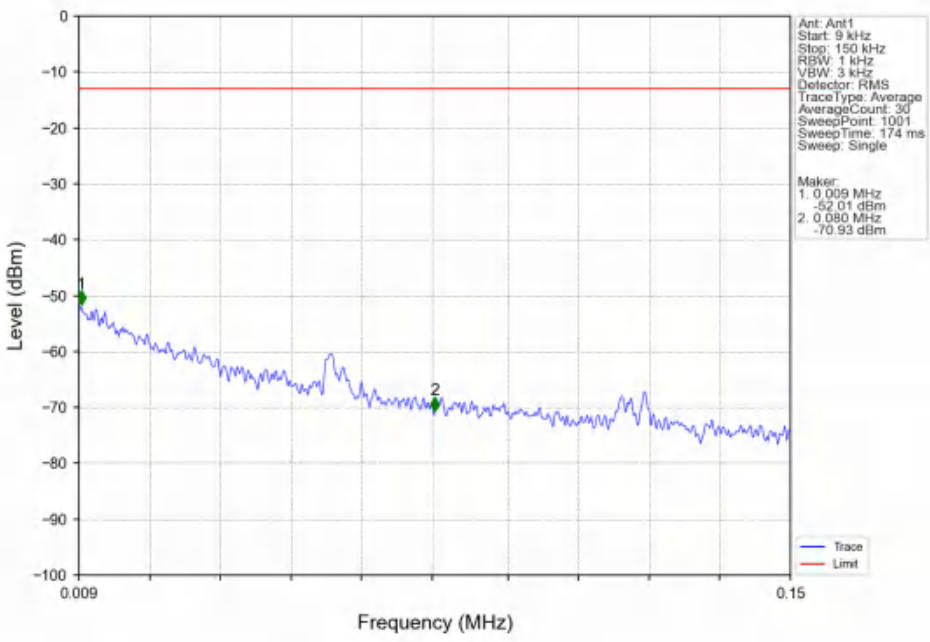


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

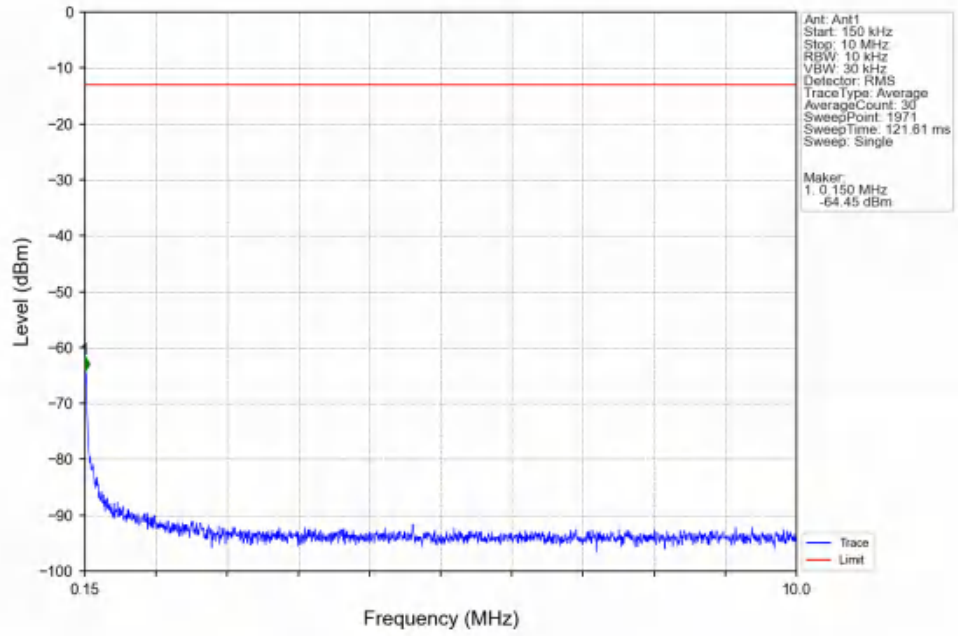


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-28.93	-13	Pass
1709	1710	0.199	CHP	2	1709.880	-34.78	-13	Pass
1710	1730	0.199	CHP	/	/	/	/	/

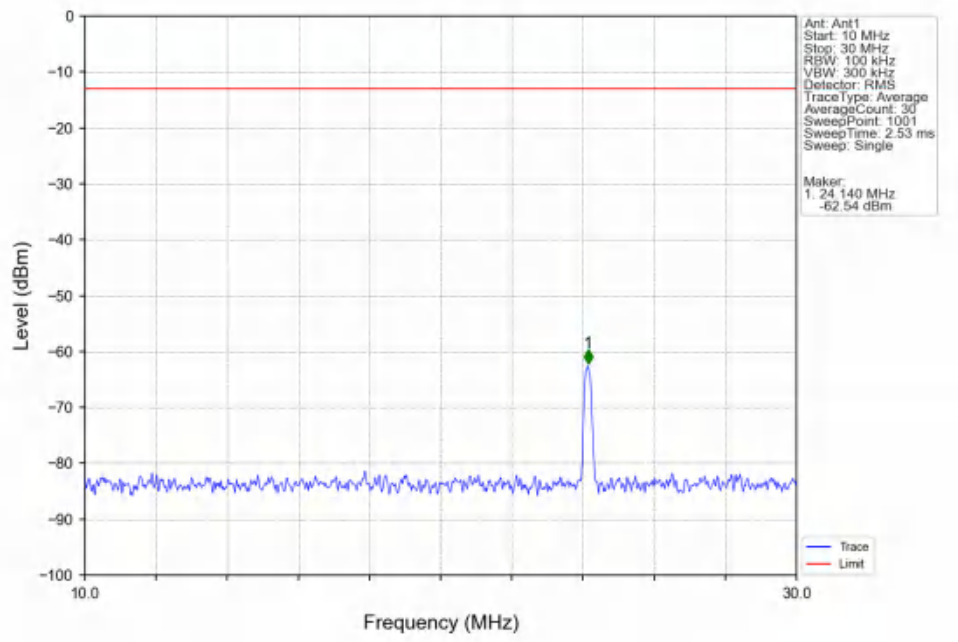
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



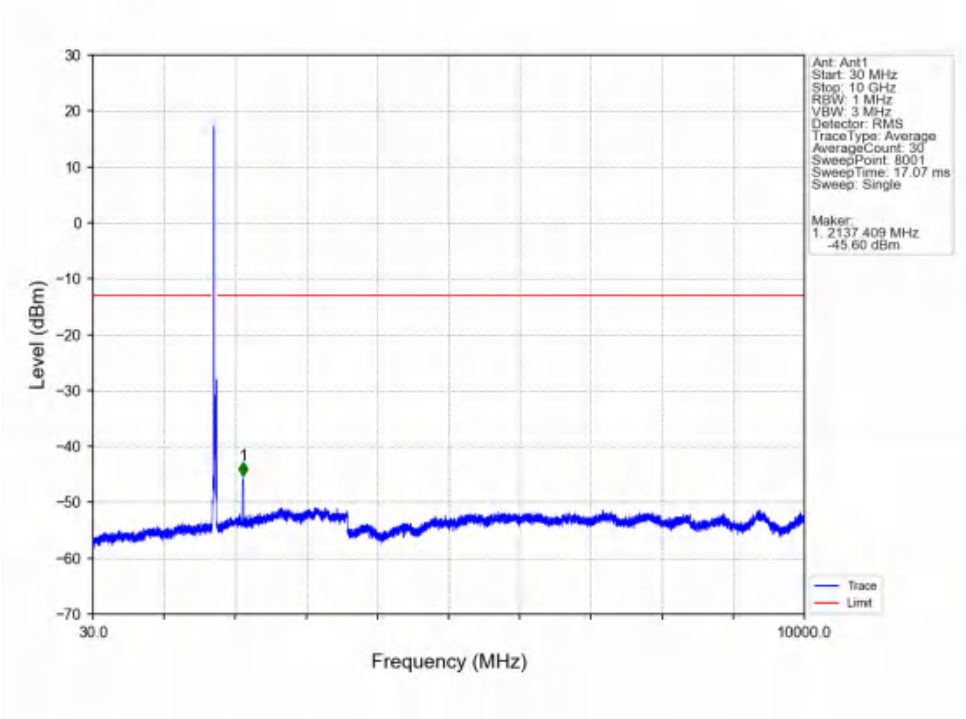
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



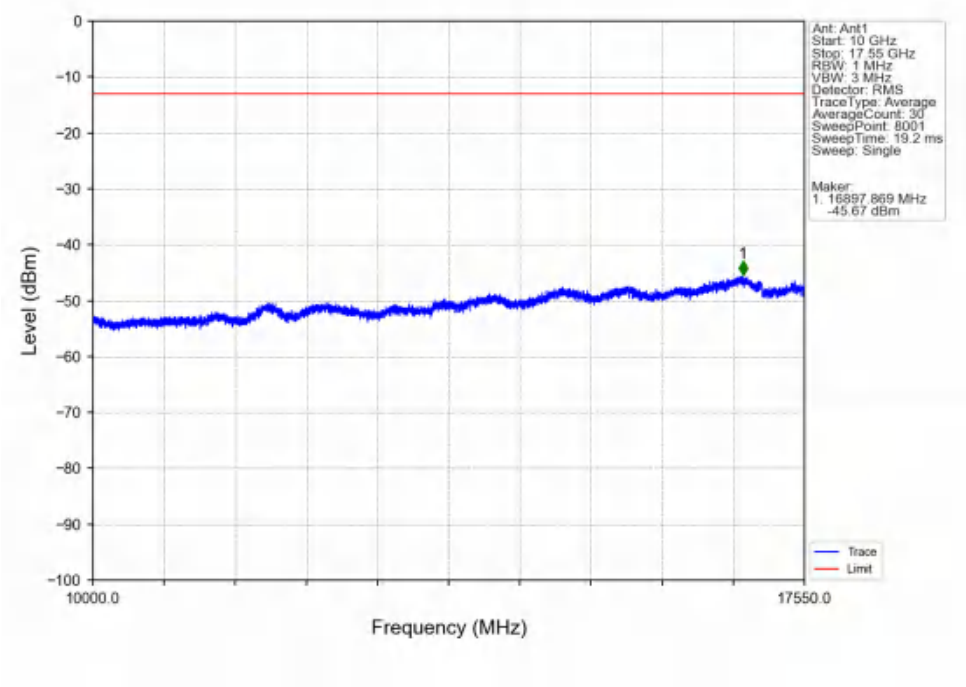
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



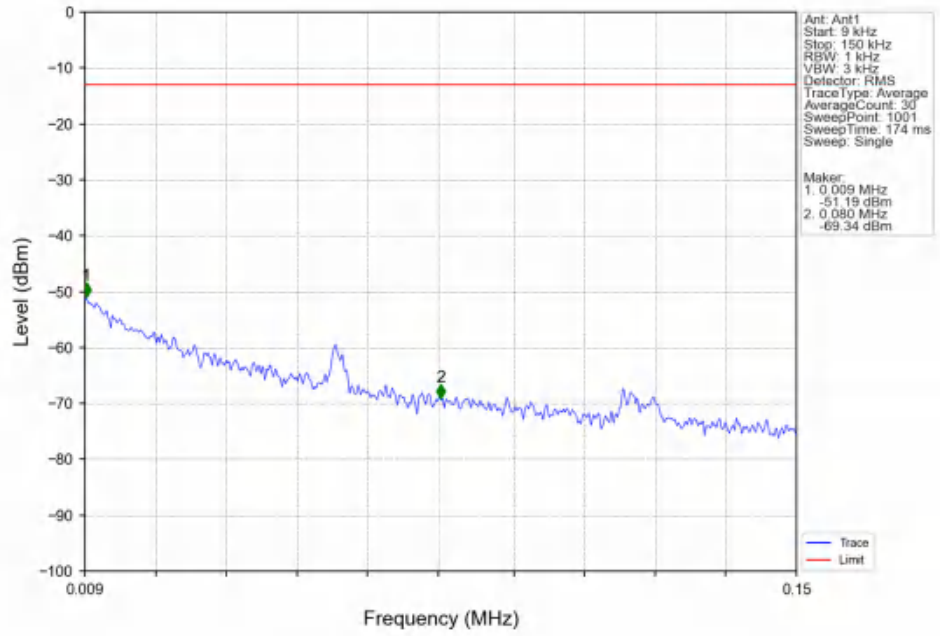
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



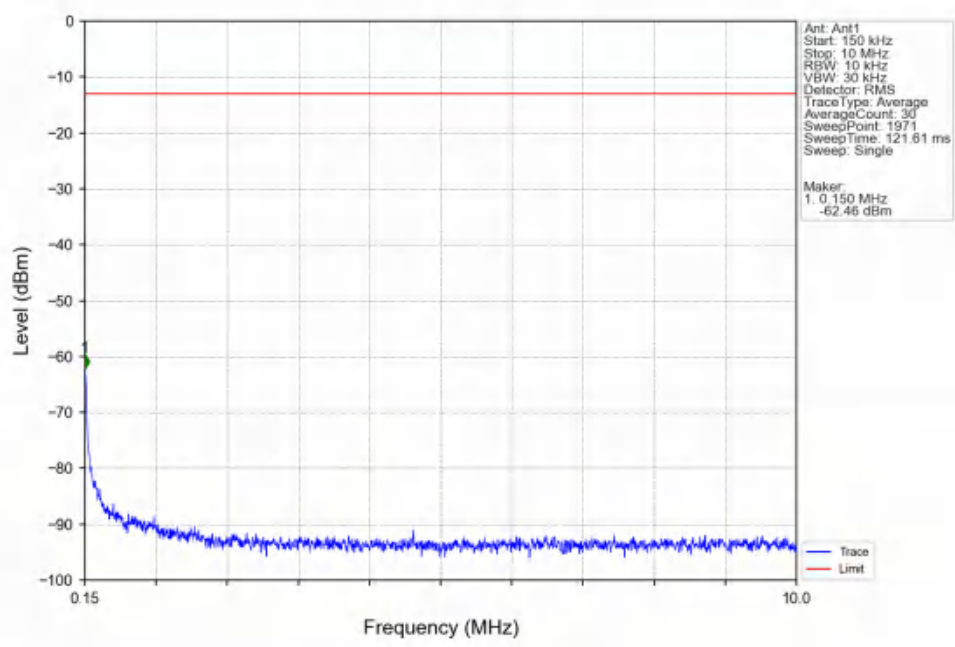
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



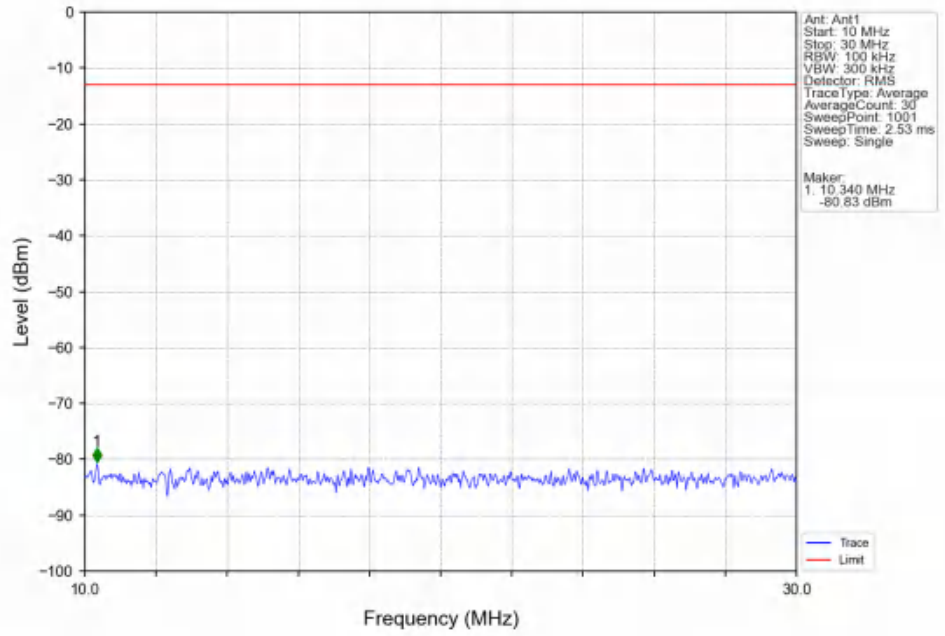
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



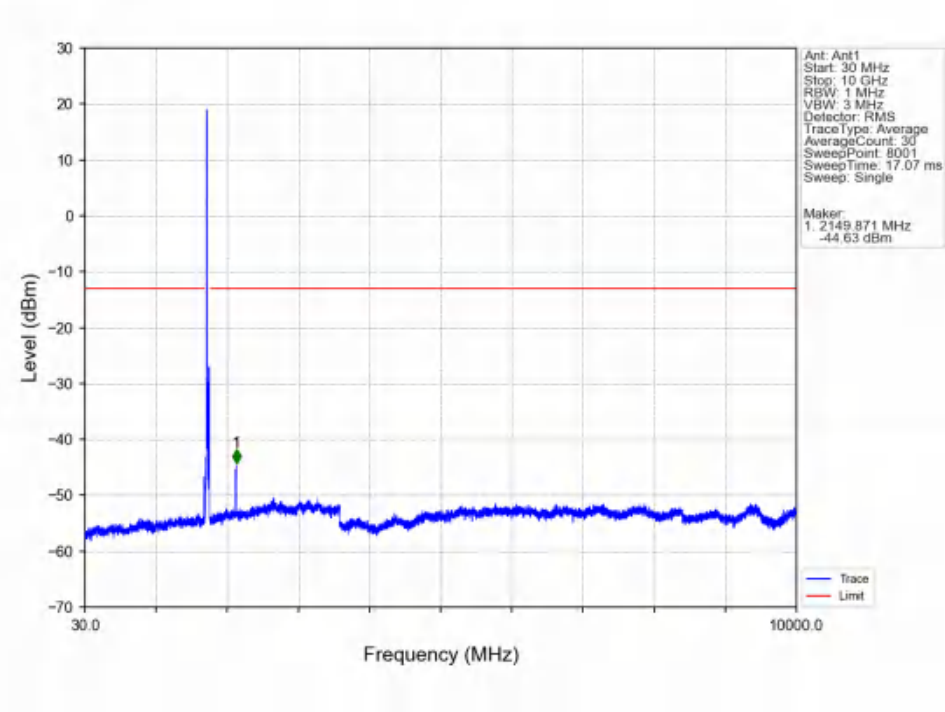
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



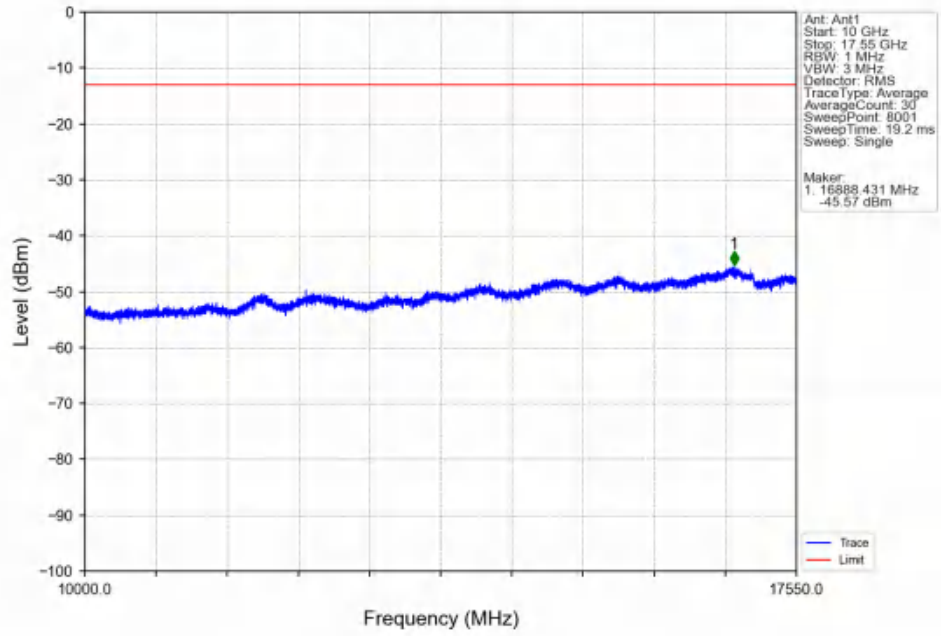
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



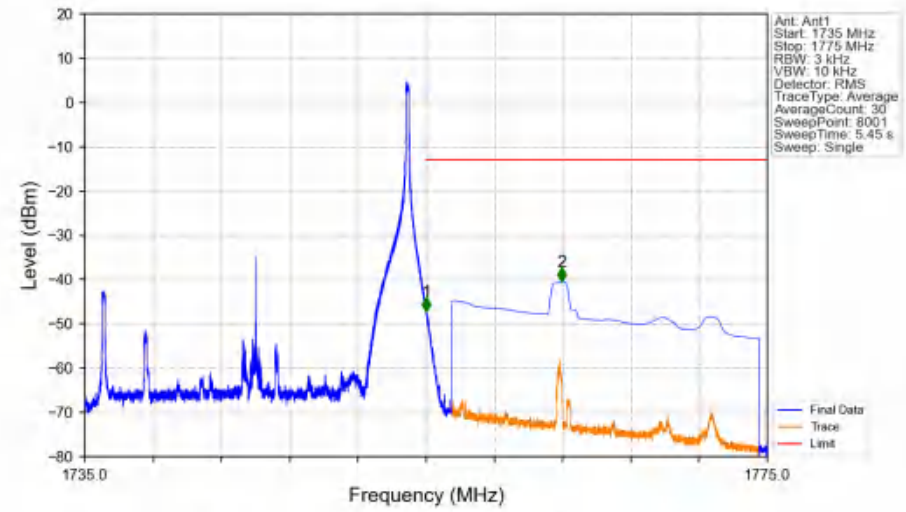
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

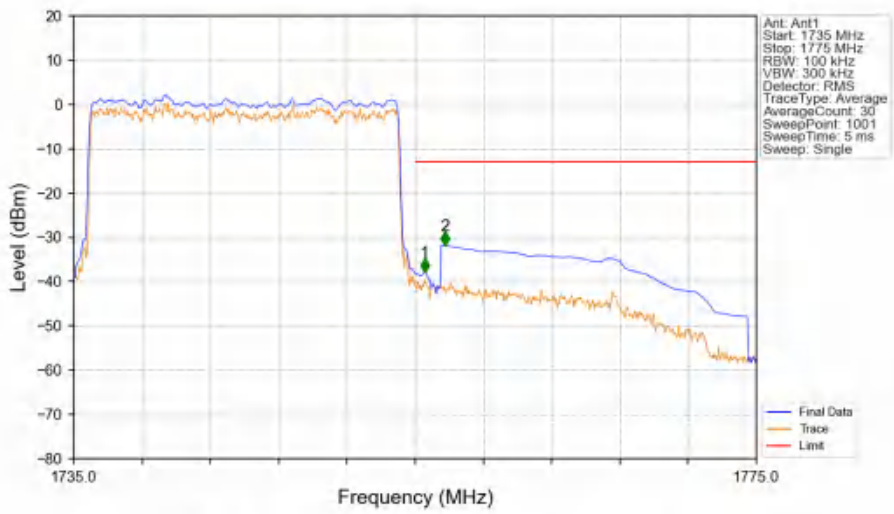


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



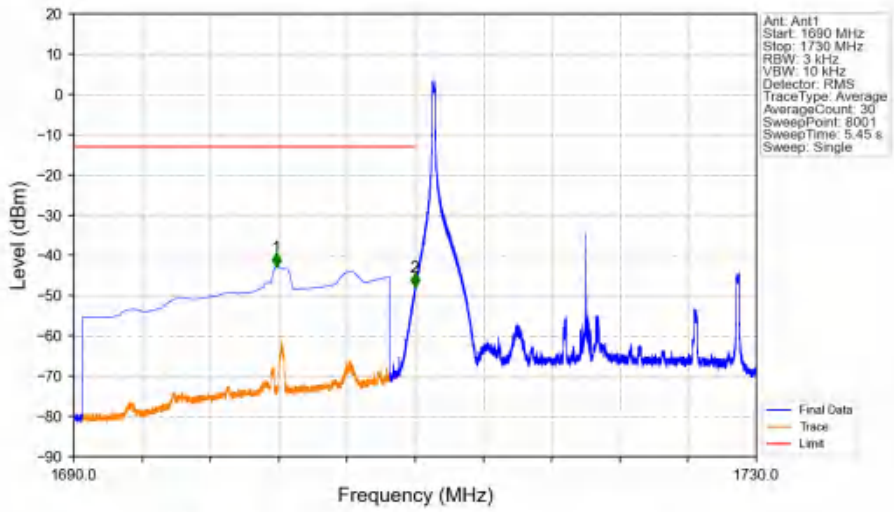
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-47.11	-13	Pass
1756	1775	1	CHP	2	1762.935	-40.50	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



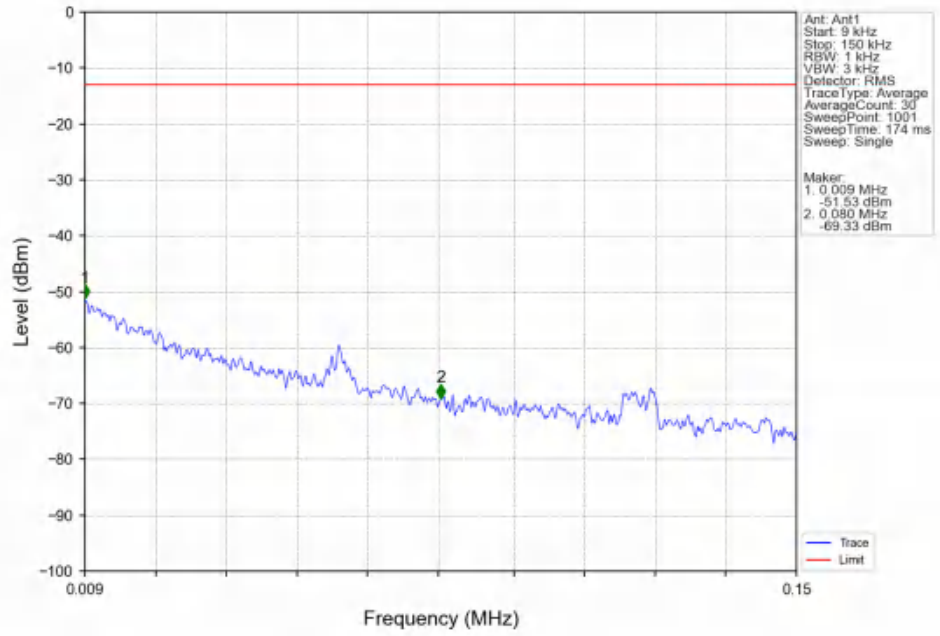
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.197	CHP	/	/	/	/	/
1755	1756	0.197	CHP	1	1755.560	-37.92	-13	Pass
1756	1775	1	CHP	2	1756.760	-31.80	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

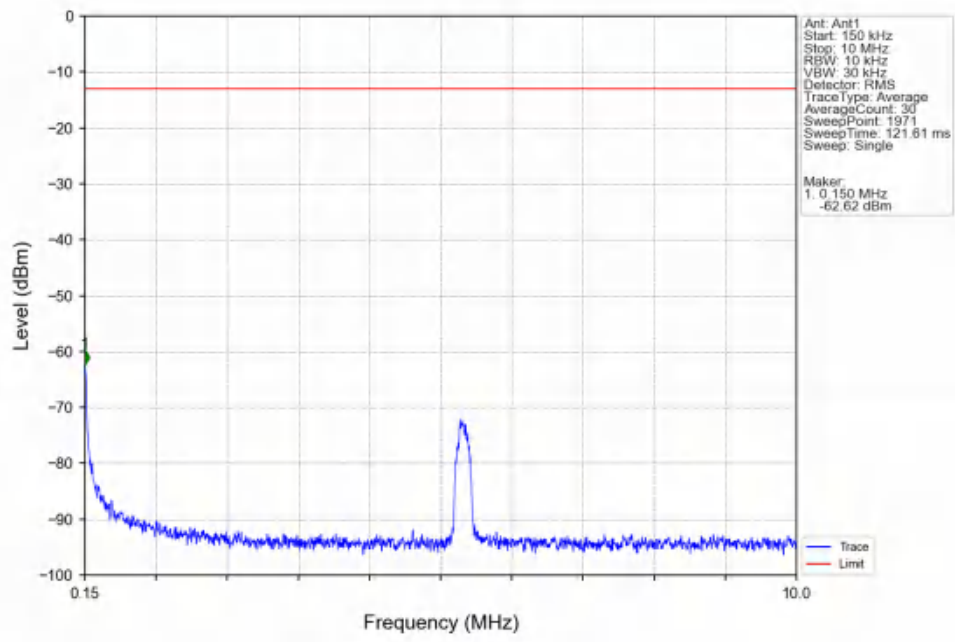


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1701.845	-42.93	-13	Pass
1709	1710	0.003	/	2	1709.980	-47.88	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

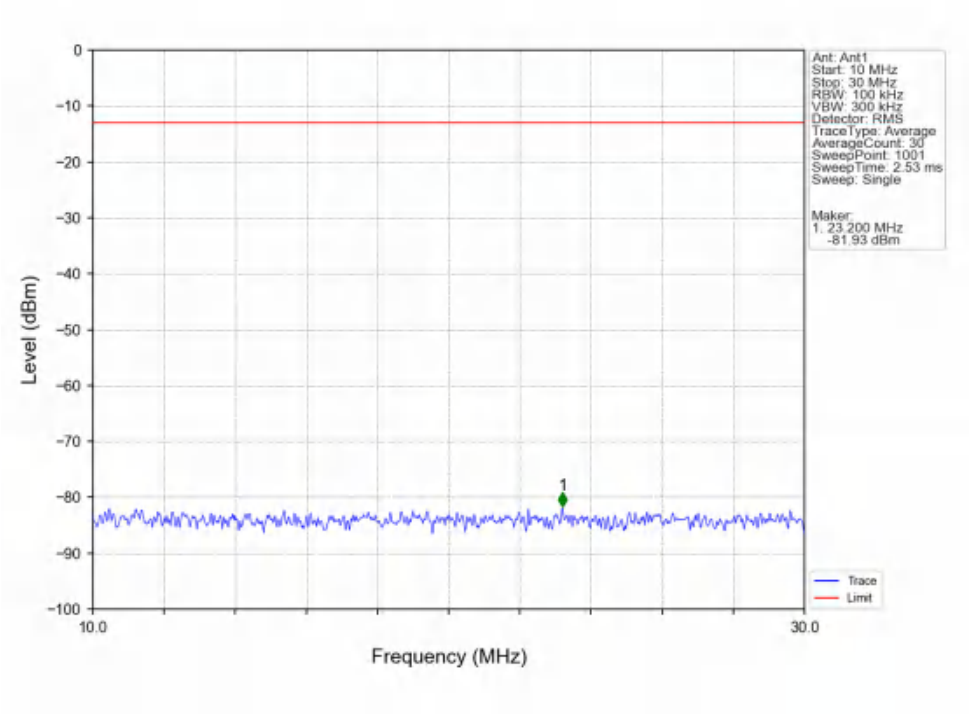
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



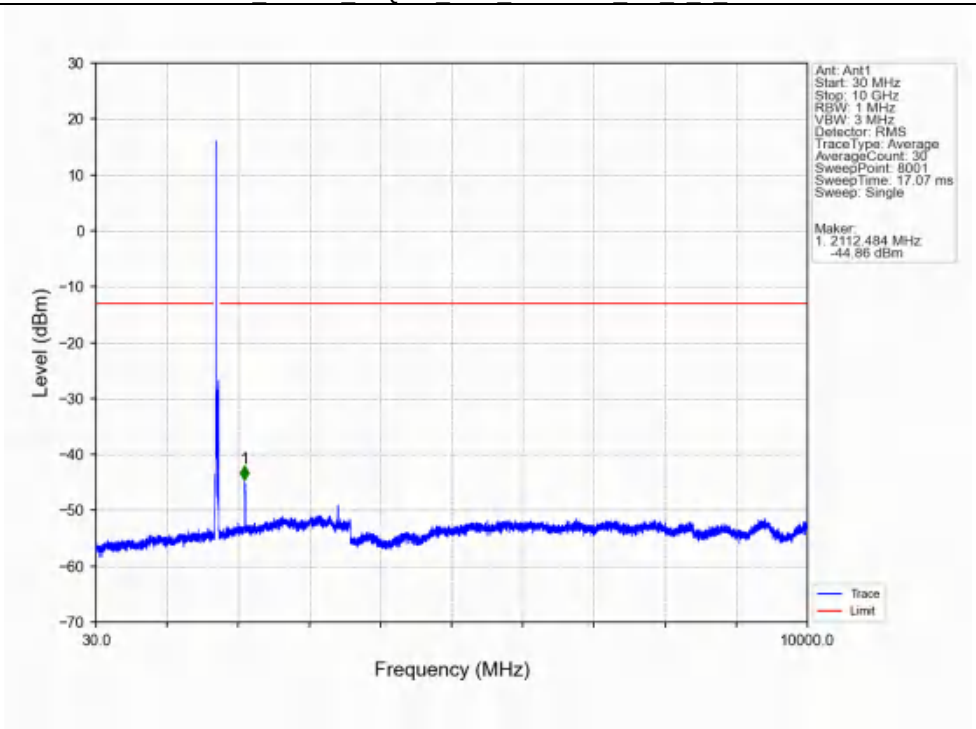
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



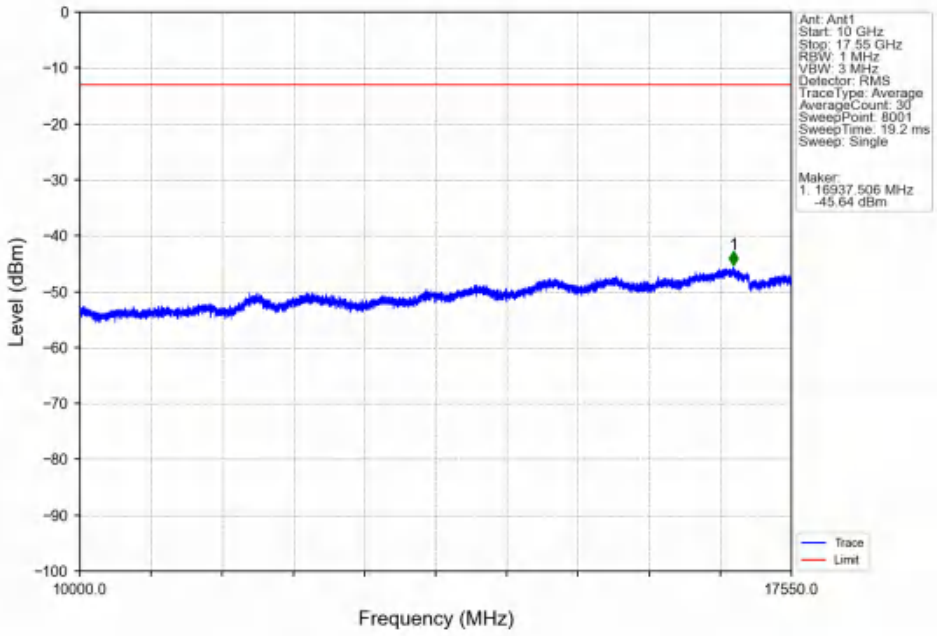
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



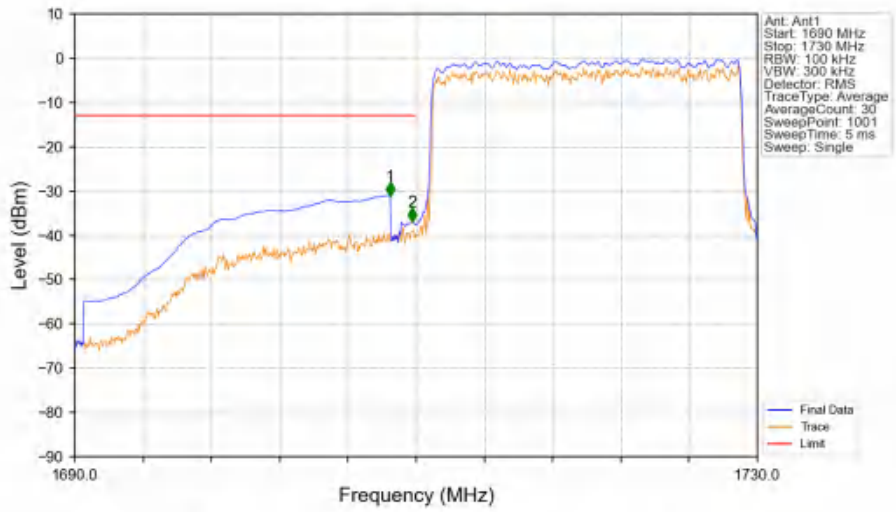
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

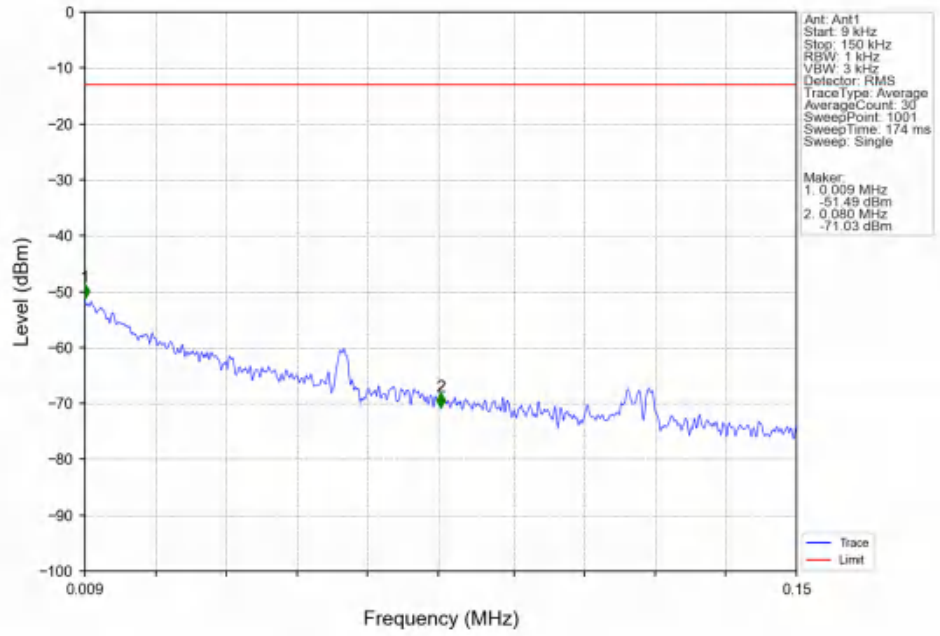


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

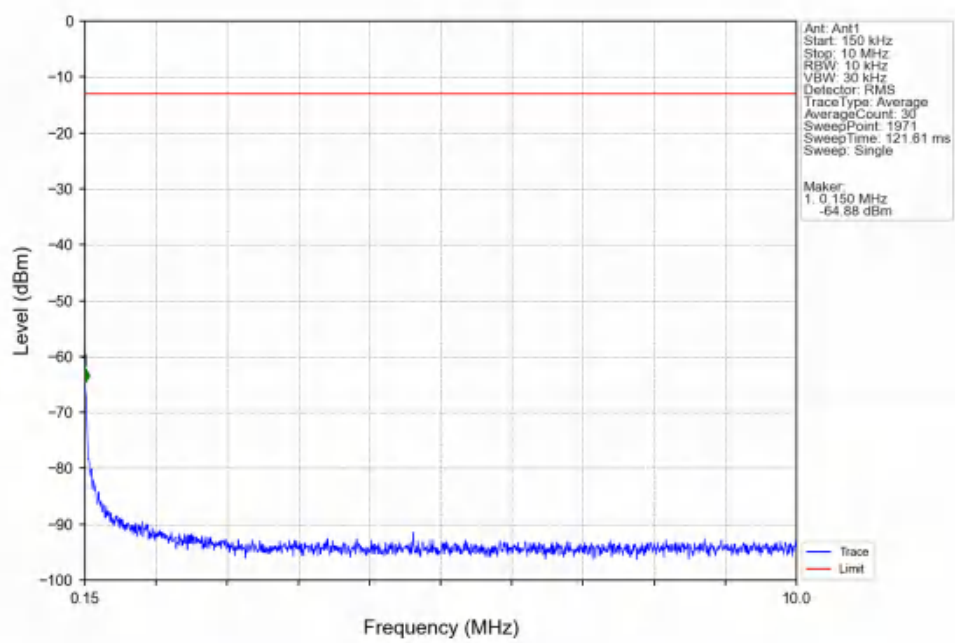


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-31.03	-13	Pass
1709	1710	0.197	CHP	2	1709.760	-36.98	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

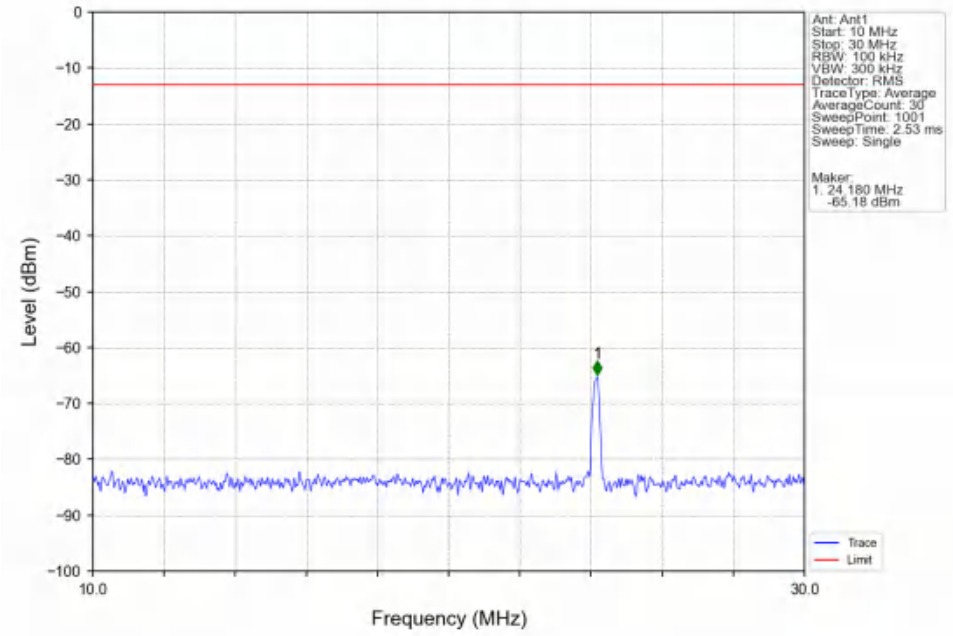
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



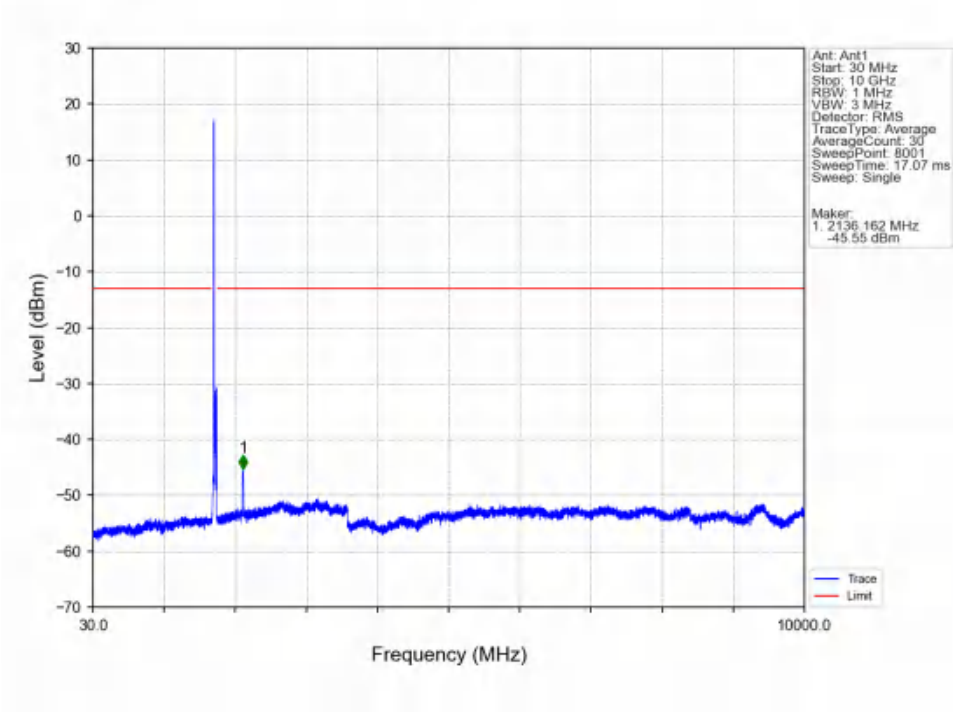
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



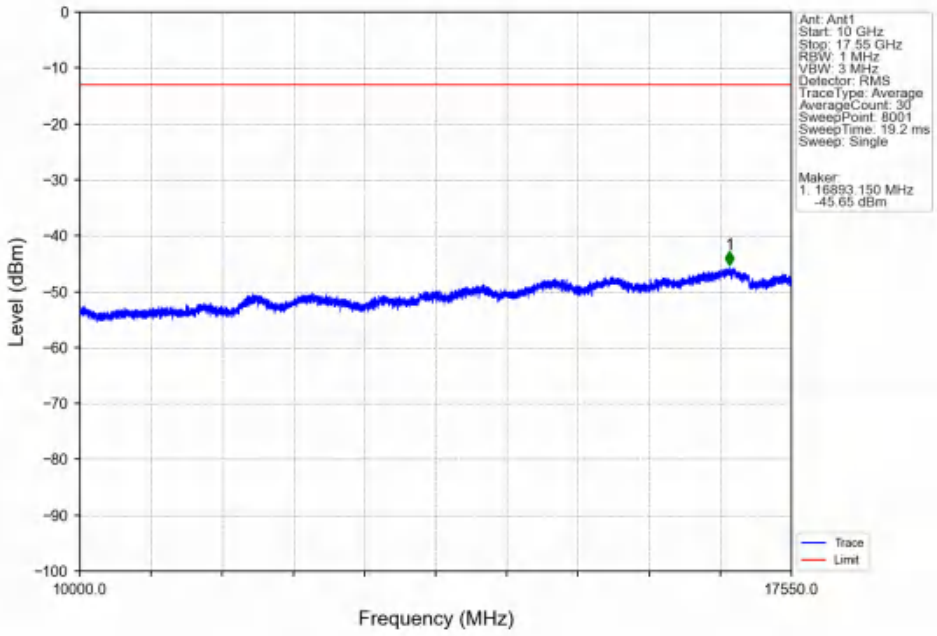
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



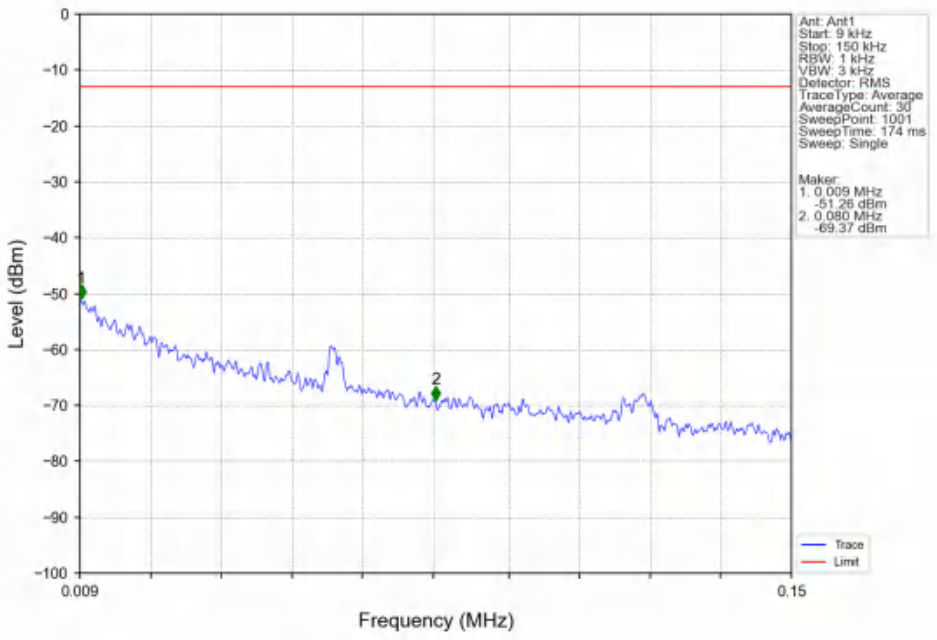
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



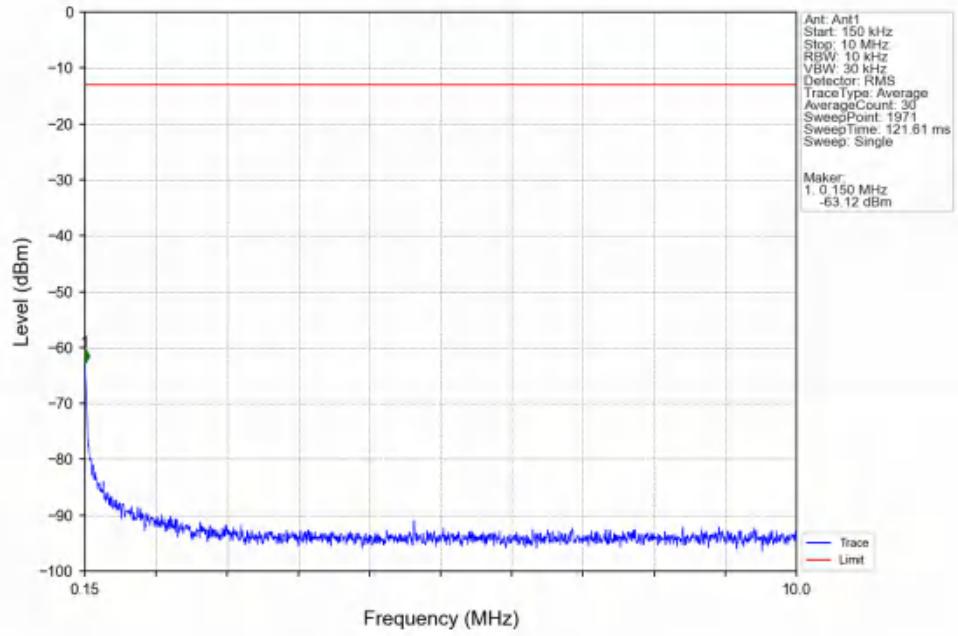
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



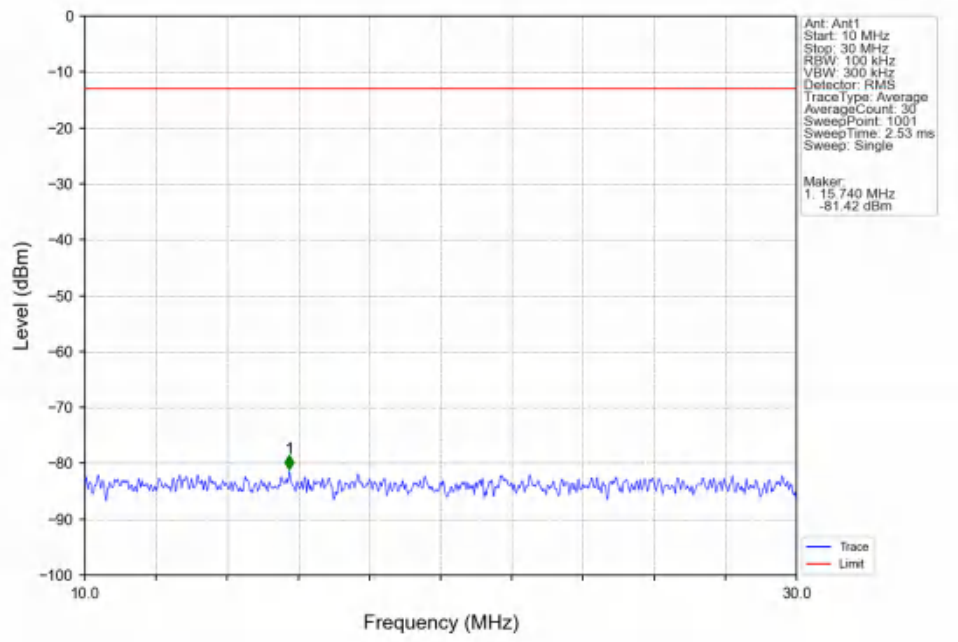
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



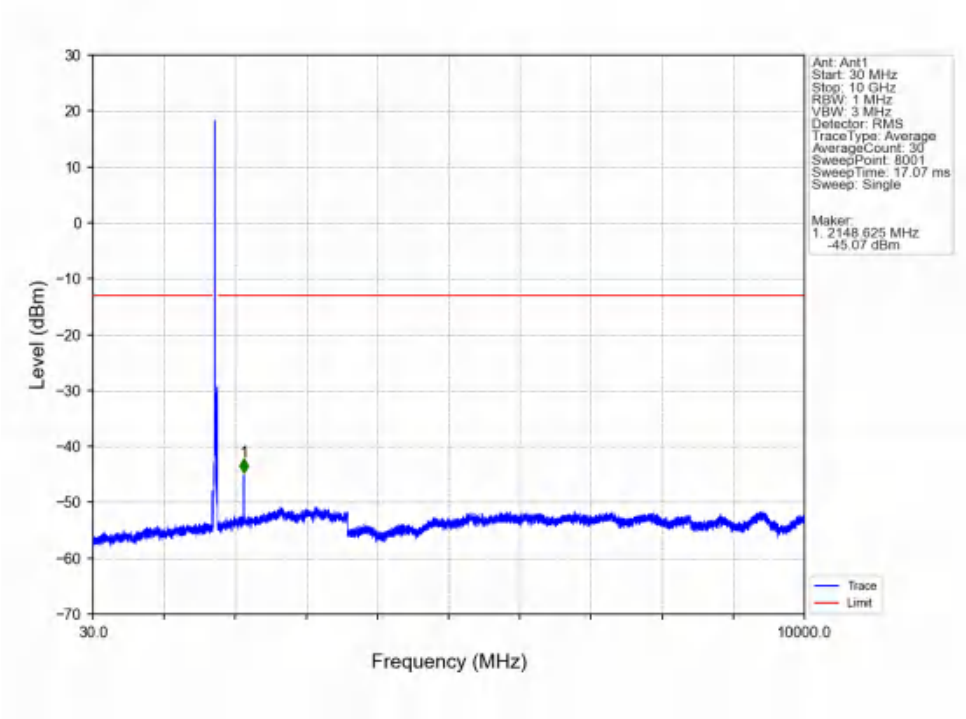
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



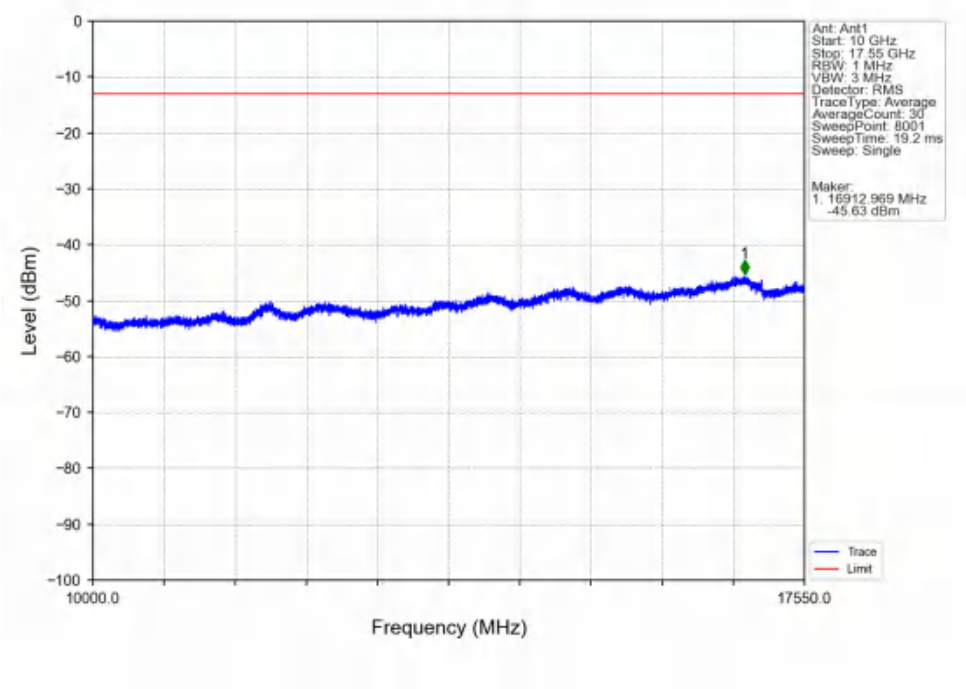
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



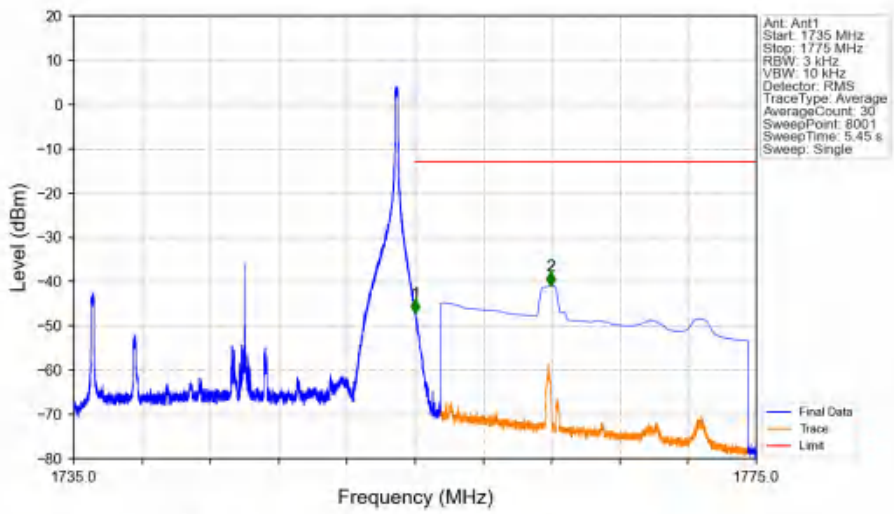
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

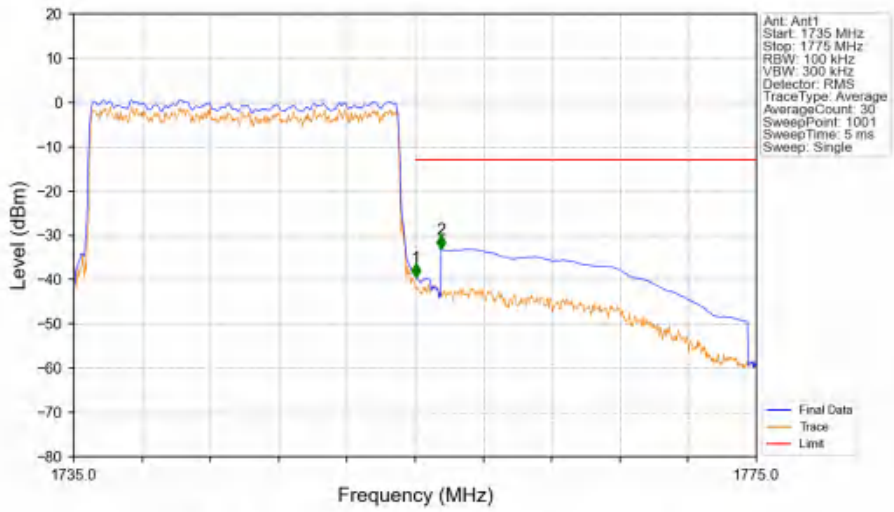


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-47.19	-13	Pass
1756	1775	1	CHP	2	1762.935	-40.92	-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	0.191	CHP	/	/	/	/	/
1755	1756	0.191	CHP	1	1755.040	-39.50	-13	Pass
1756	1775	1	CHP	2	1756.520	-33.08	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

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	0.1500	0.0280	ppm	1M12G7D	27L	21.76
4	1.4	1710.7	1754.3	0.1233	0.0491	ppm	1M12W7D	27L	20.91
4	3	1711.5	1753.5	0.1521	0.0057	ppm	2M73G7D	27L	21.82
4	3	1711.5	1753.5	0.1368	0.0232	ppm	2M73W7D	27L	21.36
4	5	1712.5	1752.5	0.1483	0.0047	ppm	4M54G7D	27L	21.71
4	5	1712.5	1752.5	0.1216	0.0051	ppm	4M56W7D	27L	20.85
4	10	1715	1750	0.1496	0.0055	ppm	9M05G7D	27L	21.75
4	10	1715	1750	0.1337	0.0048	ppm	9M06W7D	27L	21.26
4	15	1717.5	1747.5	0.1466	0.0051	ppm	13M6G7D	27L	21.66
4	15	1717.5	1747.5	0.1315	0.0053	ppm	13M6W7D	27L	21.19
4	20	1720	1745	0.1510	0.0048	ppm	18M2G7D	27L	21.79
4	20	1720	1745	0.1312	0.0055	ppm	18M1W7D	27L	21.18

7.1.2 Form731_EIRP

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	0.1928	0.0280	ppm	1M12G7D	27L	22.85
4	1.4	1710.7	1754.3	0.1585	0.0491	ppm	1M12W7D	27L	22.00
4	3	1711.5	1753.5	0.1954	0.0057	ppm	2M73G7D	27L	22.91
4	3	1711.5	1753.5	0.1758	0.0232	ppm	2M73W7D	27L	22.45
4	5	1712.5	1752.5	0.1905	0.0047	ppm	4M54G7D	27L	22.80
4	5	1712.5	1752.5	0.1563	0.0051	ppm	4M56W7D	27L	21.94
4	10	1715	1750	0.1923	0.0055	ppm	9M05G7D	27L	22.84
4	10	1715	1750	0.1718	0.0048	ppm	9M06W7D	27L	22.35
4	15	1717.5	1747.5	0.1884	0.0051	ppm	13M6G7D	27L	22.75
4	15	1717.5	1747.5	0.1690	0.0053	ppm	13M6W7D	27L	22.28
4	20	1720	1745	0.1941	0.0048	ppm	18M2G7D	27L	22.88
4	20	1720	1745	0.1687	0.0055	ppm	18M1W7D	27L	22.27