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	21.68	0.36	22.04	<=30	Pass
			2	21.78	0.36	22.14	<=30	Pass
			5	21.65	0.36	22.01	<=30	Pass
		3	0	21.76	0.36	22.12	<=30	Pass
			2	21.82	0.36	22.18	<=30	Pass
			3	21.78	0.36	22.14	<=30	Pass
		6	0	20.46	0.36	20.82	<=30	Pass
	1732.5	1	0	21.34	0.36	21.70	<=30	Pass
			2	21.41	0.36	21.77	<=30	Pass
			5	21.34	0.36	21.70	<=30	Pass
		3	0	21.44	0.36	21.80	<=30	Pass
			2	21.46	0.36	21.82	<=30	Pass
			3	21.43	0.36	21.79	<=30	Pass
		6	0	20.42	0.36	20.78	<=30	Pass
	1754.3	1	0	21.46	0.36	21.82	<=30	Pass
			2	21.61	0.36	21.97	<=30	Pass
			5	21.47	0.36	21.83	<=30	Pass
		3	0	21.49	0.36	21.85	<=30	Pass
			2	21.55	0.36	21.91	<=30	Pass
			3	21.53	0.36	21.89	<=30	Pass
		6	0	20.52	0.36	20.88	<=30	Pass
16QAM	1710.7	1	0	20.42	0.36	20.78	<=30	Pass
			2	20.51	0.36	20.87	<=30	Pass
			5	20.37	0.36	20.73	<=30	Pass
		3	0	20.31	0.36	20.67	<=30	Pass
			2	20.37	0.36	20.73	<=30	Pass
			3	20.39	0.36	20.75	<=30	Pass
		6	0	19.34	0.36	19.70	<=30	Pass
	1732.5	1	0	20.30	0.36	20.66	<=30	Pass
			2	20.42	0.36	20.78	<=30	Pass
			5	20.33	0.36	20.69	<=30	Pass
		3	0	20.61	0.36	20.97	<=30	Pass
			2	20.67	0.36	21.03	<=30	Pass
			3	20.63	0.36	20.99	<=30	Pass
		6	0	19.40	0.36	19.76	<=30	Pass
	1754.3	1	0	20.40	0.36	20.76	<=30	Pass
			2	20.55	0.36	20.91	<=30	Pass
			5	20.46	0.36	20.82	<=30	Pass
		3	0	20.54	0.36	20.90	<=30	Pass
			2	20.58	0.36	20.94	<=30	Pass
			3	20.53	0.36	20.89	<=30	Pass
		6	0	19.43	0.36	19.79	<=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	21.39	0.36	21.75	<=30	Pass
			7	21.50	0.36	21.86	<=30	Pass
			14	21.37	0.36	21.73	<=30	Pass
		8	0	20.36	0.36	20.72	<=30	Pass
			4	20.38	0.36	20.74	<=30	Pass
			7	20.36	0.36	20.72	<=30	Pass
		15	0	20.33	0.36	20.69	<=30	Pass
	1732.5	1	0	21.36	0.36	21.72	<=30	Pass
			7	21.54	0.36	21.90	<=30	Pass
			14	21.38	0.36	21.74	<=30	Pass
		8	0	20.45	0.36	20.81	<=30	Pass
			4	20.46	0.36	20.82	<=30	Pass
			7	20.42	0.36	20.78	<=30	Pass
		15	0	20.41	0.36	20.77	<=30	Pass
	1753.5	1	0	21.45	0.36	21.81	<=30	Pass
			7	21.57	0.36	21.93	<=30	Pass
			14	21.44	0.36	21.80	<=30	Pass
		8	0	20.48	0.36	20.84	<=30	Pass
			4	20.51	0.36	20.87	<=30	Pass
			7	20.44	0.36	20.80	<=30	Pass
		15	0	20.48	0.36	20.84	<=30	Pass
16QAM	1711.5	1	0	20.35	0.36	20.71	<=30	Pass
			7	20.52	0.36	20.88	<=30	Pass
			14	20.34	0.36	20.70	<=30	Pass
		8	0	19.39	0.36	19.75	<=30	Pass
			4	19.43	0.36	19.79	<=30	Pass
			7	19.36	0.36	19.72	<=30	Pass
		15	0	19.39	0.36	19.75	<=30	Pass
	1732.5	1	0	20.54	0.36	20.90	<=30	Pass
			7	20.69	0.36	21.05	<=30	Pass
			14	20.55	0.36	20.91	<=30	Pass
		8	0	19.39	0.36	19.75	<=30	Pass
			4	19.39	0.36	19.75	<=30	Pass
			7	19.37	0.36	19.73	<=30	Pass
		15	0	19.34	0.36	19.70	<=30	Pass
	1753.5	1	0	20.93	0.36	21.29	<=30	Pass
			7	21.04	0.36	21.40	<=30	Pass
			14	20.92	0.36	21.28	<=30	Pass
		8	0	19.57	0.36	19.93	<=30	Pass
			4	19.60	0.36	19.96	<=30	Pass
			7	19.55	0.36	19.91	<=30	Pass
		15	0	19.48	0.36	19.84	<=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	21.27	0.36	21.63	<=30	Pass
			13	21.35	0.36	21.71	<=30	Pass
			24	21.29	0.36	21.65	<=30	Pass
		12	0	20.29	0.36	20.65	<=30	Pass
			6	20.38	0.36	20.74	<=30	Pass
			13	20.39	0.36	20.75	<=30	Pass
		25	0	20.37	0.36	20.73	<=30	Pass
	1732.5	1	0	21.35	0.36	21.71	<=30	Pass
			13	21.46	0.36	21.82	<=30	Pass
			24	21.39	0.36	21.75	<=30	Pass
		12	0	20.38	0.36	20.74	<=30	Pass
			6	20.44	0.36	20.80	<=30	Pass
			13	20.46	0.36	20.82	<=30	Pass
		25	0	20.44	0.36	20.80	<=30	Pass
	1752.5	1	0	21.41	0.36	21.77	<=30	Pass
			13	21.52	0.36	21.88	<=30	Pass
			24	21.40	0.36	21.76	<=30	Pass
		12	0	20.43	0.36	20.79	<=30	Pass
			6	20.52	0.36	20.88	<=30	Pass
			13	20.45	0.36	20.81	<=30	Pass
		25	0	20.44	0.36	20.80	<=30	Pass
16QAM	1712.5	1	0	20.37	0.36	20.73	<=30	Pass
			13	20.46	0.36	20.82	<=30	Pass
			24	20.41	0.36	20.77	<=30	Pass
		12	0	19.35	0.36	19.71	<=30	Pass
			6	19.37	0.36	19.73	<=30	Pass
			13	19.37	0.36	19.73	<=30	Pass
		25	0	19.37	0.36	19.73	<=30	Pass
	1732.5	1	0	20.59	0.36	20.95	<=30	Pass
			13	20.64	0.36	21.00	<=30	Pass
			24	20.61	0.36	20.97	<=30	Pass
		12	0	19.46	0.36	19.82	<=30	Pass
			6	19.47	0.36	19.83	<=30	Pass
			13	19.42	0.36	19.78	<=30	Pass
		25	0	19.37	0.36	19.73	<=30	Pass
	1752.5	1	0	20.27	0.36	20.63	<=30	Pass
			13	20.35	0.36	20.71	<=30	Pass
			24	20.22	0.36	20.58	<=30	Pass
		12	0	19.46	0.36	19.82	<=30	Pass
			6	19.49	0.36	19.85	<=30	Pass
			13	19.49	0.36	19.85	<=30	Pass
		25	0	19.48	0.36	19.84	<=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	21.37	0.36	21.73	<=30	Pass
			25	21.54	0.36	21.90	<=30	Pass
			49	21.36	0.36	21.72	<=30	Pass
		25	0	20.42	0.36	20.78	<=30	Pass
			13	20.41	0.36	20.77	<=30	Pass
			25	20.43	0.36	20.79	<=30	Pass
		50	0	20.48	0.36	20.84	<=30	Pass
	1732.5	1	0	21.42	0.36	21.78	<=30	Pass
			25	21.55	0.36	21.91	<=30	Pass
			49	21.49	0.36	21.85	<=30	Pass
		25	0	20.46	0.36	20.82	<=30	Pass
			13	20.47	0.36	20.83	<=30	Pass
			25	20.54	0.36	20.90	<=30	Pass
		50	0	20.48	0.36	20.84	<=30	Pass
	1750	1	0	21.50	0.36	21.86	<=30	Pass
			25	21.65	0.36	22.01	<=30	Pass
			49	21.46	0.36	21.82	<=30	Pass
		25	0	20.52	0.36	20.88	<=30	Pass
			13	20.48	0.36	20.84	<=30	Pass
			25	20.49	0.36	20.85	<=30	Pass
		50	0	20.54	0.36	20.90	<=30	Pass
16QAM	1715	1	0	20.38	0.36	20.74	<=30	Pass
			25	20.53	0.36	20.89	<=30	Pass
			49	20.44	0.36	20.80	<=30	Pass
		25	0	19.51	0.36	19.87	<=30	Pass
			13	19.47	0.36	19.83	<=30	Pass
			25	19.51	0.36	19.87	<=30	Pass
		50	0	19.45	0.36	19.81	<=30	Pass
	1732.5	1	0	20.56	0.36	20.92	<=30	Pass
			25	20.72	0.36	21.08	<=30	Pass
			49	20.61	0.36	20.97	<=30	Pass
		25	0	19.46	0.36	19.82	<=30	Pass
			13	19.47	0.36	19.83	<=30	Pass
			25	19.54	0.36	19.90	<=30	Pass
		50	0	19.46	0.36	19.82	<=30	Pass
	1750	1	0	20.94	0.36	21.30	<=30	Pass
			25	21.10	0.36	21.46	<=30	Pass
			49	20.89	0.36	21.25	<=30	Pass
		25	0	19.56	0.36	19.92	<=30	Pass
			13	19.52	0.36	19.88	<=30	Pass
			25	19.52	0.36	19.88	<=30	Pass
		50	0	19.53	0.36	19.89	<=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	21.28	0.36	21.64	<=30	Pass
			38	21.34	0.36	21.70	<=30	Pass
			74	21.28	0.36	21.64	<=30	Pass
		36	0	20.36	0.36	20.72	<=30	Pass

			18	20.38	0.36	20.74	<=30	Pass
			39	20.43	0.36	20.79	<=30	Pass
		75	0	20.43	0.36	20.79	<=30	Pass
	1732.5	1	0	21.33	0.36	21.69	<=30	Pass
			38	21.44	0.36	21.80	<=30	Pass
			74	21.39	0.36	21.75	<=30	Pass
		36	0	20.46	0.36	20.82	<=30	Pass
			18	20.50	0.36	20.86	<=30	Pass
			39	20.59	0.36	20.95	<=30	Pass
		75	0	20.55	0.36	20.91	<=30	Pass
	1747.5	1	0	21.37	0.36	21.73	<=30	Pass
			38	21.54	0.36	21.90	<=30	Pass
			74	21.40	0.36	21.76	<=30	Pass
		36	0	20.55	0.36	20.91	<=30	Pass
			18	20.59	0.36	20.95	<=30	Pass
			39	20.59	0.36	20.95	<=30	Pass
		75	0	20.63	0.36	20.99	<=30	Pass
16QAM	1717.5	1	0	20.64	0.36	21.00	<=30	Pass
			38	20.78	0.36	21.14	<=30	Pass
			74	20.69	0.36	21.05	<=30	Pass
		36	0	19.39	0.36	19.75	<=30	Pass
			18	19.39	0.36	19.75	<=30	Pass
			39	19.42	0.36	19.78	<=30	Pass
		75	0	19.39	0.36	19.75	<=30	Pass
	1732.5	1	0	20.50	0.36	20.86	<=30	Pass
			38	20.58	0.36	20.94	<=30	Pass
			74	20.51	0.36	20.87	<=30	Pass
		36	0	19.47	0.36	19.83	<=30	Pass
			18	19.49	0.36	19.85	<=30	Pass
			39	19.54	0.36	19.90	<=30	Pass
		75	0	19.51	0.36	19.87	<=30	Pass
	1747.5	1	0	20.84	0.36	21.20	<=30	Pass
			38	20.97	0.36	21.33	<=30	Pass
			74	20.85	0.36	21.21	<=30	Pass
		36	0	19.54	0.36	19.90	<=30	Pass
			18	19.59	0.36	19.95	<=30	Pass
			39	19.58	0.36	19.94	<=30	Pass
		75	0	19.56	0.36	19.92	<=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	21.15	0.36	21.51	<=30	Pass
			50	21.51	0.36	21.87	<=30	Pass
			99	21.11	0.36	21.47	<=30	Pass
		50	0	20.41	0.36	20.77	<=30	Pass
			25	20.42	0.36	20.78	<=30	Pass
			50	20.45	0.36	20.81	<=30	Pass
		100	0	20.44	0.36	20.80	<=30	Pass
	1732.5	1	0	21.18	0.36	21.54	<=30	Pass
			50	21.61	0.36	21.97	<=30	Pass
			99	21.30	0.36	21.66	<=30	Pass

		50	0	20.38	0.36	20.74	<=30	Pass
			25	20.53	0.36	20.89	<=30	Pass
			50	20.51	0.36	20.87	<=30	Pass
		100	0	20.45	0.36	20.81	<=30	Pass
	1745	1	0	21.24	0.36	21.60	<=30	Pass
			50	21.67	0.36	22.03	<=30	Pass
			99	21.31	0.36	21.67	<=30	Pass
		50	0	20.50	0.36	20.86	<=30	Pass
			25	20.52	0.36	20.88	<=30	Pass
			50	20.50	0.36	20.86	<=30	Pass
		100	0	20.49	0.36	20.85	<=30	Pass
16QAM	1720	1	0	20.65	0.36	21.01	<=30	Pass
			50	21.07	0.36	21.43	<=30	Pass
			99	20.68	0.36	21.04	<=30	Pass
		50	0	19.34	0.36	19.70	<=30	Pass
			25	19.40	0.36	19.76	<=30	Pass
			50	19.43	0.36	19.79	<=30	Pass
		100	0	19.41	0.36	19.77	<=30	Pass
	1732.5	1	0	20.44	0.36	20.80	<=30	Pass
			50	20.79	0.36	21.15	<=30	Pass
			99	20.39	0.36	20.75	<=30	Pass
		50	0	19.41	0.36	19.77	<=30	Pass
			25	19.43	0.36	19.79	<=30	Pass
			50	19.47	0.36	19.83	<=30	Pass
		100	0	19.38	0.36	19.74	<=30	Pass
	1745	1	0	20.46	0.36	20.82	<=30	Pass
			50	20.91	0.36	21.27	<=30	Pass
			99	20.48	0.36	20.84	<=30	Pass
		50	0	19.41	0.36	19.77	<=30	Pass
			25	19.47	0.36	19.83	<=30	Pass
			50	19.46	0.36	19.82	<=30	Pass
		100	0	19.50	0.36	19.86	<=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	-15.793	-0.0092	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
					4.43	1.073	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.279	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass

	1732.5	6	0	20	3.27	-6.638	-0.0038	-2.5 to 2.5	Pass
					3.85	2.518	0.0015	-2.5 to 2.5	Pass
					4.43	-12.245	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-0.916	-0.0005	-2.5 to 2.5	Pass
					3.85	1.545	0.0009	-2.5 to 2.5	Pass
					4.43	4.034	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-12.503	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-4.849	-0.0028	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0020	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-11.559	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-9.384	-0.0055	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				10	3.85	-9.542	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-10.614	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-5.279	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	-3.619	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-10.571	-0.0061	-2.5 to 2.5	Pass
				10	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-13.318	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-14.076	-0.0080	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0027	-2.5 to 2.5	Pass
					4.43	-8.397	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	9.971	0.0057	-2.5 to 2.5	Pass
				-10	3.85	-7.696	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				30	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				40	3.85	-9.212	-0.0053	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0006	-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	-12.445	-0.0073	-2.5 to 2.5	Pass
					3.85	-10.242	-0.0060	-2.5 to 2.5	Pass
					4.43	-25.263	-0.0148	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-10.872	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-7.324	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-13.103	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-12.503	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-1.702	-0.0010	-2.5 to 2.5	Pass
					3.85	2.618	0.0015	-2.5 to 2.5	Pass
					4.43	0.472	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.347	0.0019	-2.5 to 2.5	Pass
				0	3.85	3.505	0.0020	-2.5 to 2.5	Pass
				10	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-5.536	-0.0032	-2.5 to 2.5	Pass
					3.85	-9.356	-0.0053	-2.5 to 2.5	Pass
					4.43	-11.487	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-12.231	-0.0070	-2.5 to 2.5	Pass
				0	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-15.306	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-0.515	-0.0003	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-8.626	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-3.176	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-12.546	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-9.727	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-9.212	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-5.221	-0.0030	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
					4.43	1.431	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass

				10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				30	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				40	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-10.128	-0.0058	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	-7.496	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-11.158	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.159	-0.0007	-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	-6.137	-0.0036	-2.5 to 2.5	Pass
					3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.309	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.297	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.629	0.0004	-2.5 to 2.5	Pass
					3.85	1.874	0.0011	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-10.428	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-6.351	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.595	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-10.386	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-11.973	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-12.317	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0039	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-7.639	-0.0045	-2.5 to 2.5	Pass

					3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-6.838	-0.0040	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0004	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.302	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.516	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-14.048	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-11.902	-0.0068	-2.5 to 2.5	Pass
				0	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-8.984	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-7.324	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0031	-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	-1.659	-0.0010	-2.5 to 2.5	Pass
					3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.480	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-7.596	-0.0044	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-9.985	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass

				0	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-4.621	-0.0026	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0050	-2.5 to 2.5	Pass
					4.43	-9.542	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-8.955	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-13.862	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-8.655	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-2.460	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-8.326	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-2.661	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-6.881	-0.0040	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-8.483	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-5.536	-0.0032	-2.5 to 2.5	Pass
					3.85	-10.300	-0.0059	-2.5 to 2.5	Pass
					4.43	-8.054	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.466	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-9.141	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-6.180	-0.0035	-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	-9.971	-0.0058	-2.5 to 2.5	Pass
					3.85	-8.183	-0.0048	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-5.722	-0.0033	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-8.683	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-9.670	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-1.731	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
					4.43	-7.753	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-6.809	-0.0040	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0050	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	4.635	0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-3.734	-0.0022	-2.5 to 2.5	Pass
					3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
					4.43	-1.645	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-9.699	-0.0056	-2.5 to 2.5	Pass
					3.85	-10.214	-0.0058	-2.5 to 2.5	Pass

					4.43	-6.752	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-13.061	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-9.112	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-7.567	-0.0043	-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	-10.400	-0.0060	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
					4.43	-8.554	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-4.191	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.639	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.279	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-8.798	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-10.114	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-5.236	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-7.324	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass

				10	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-5.007	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
					4.43	-0.815	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-9.398	-0.0054	-2.5 to 2.5	Pass
					3.85	-9.871	-0.0057	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.294	-0.0036	-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	RB Allocation	Modulation Characteristics	Verdict

	(MHz)	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

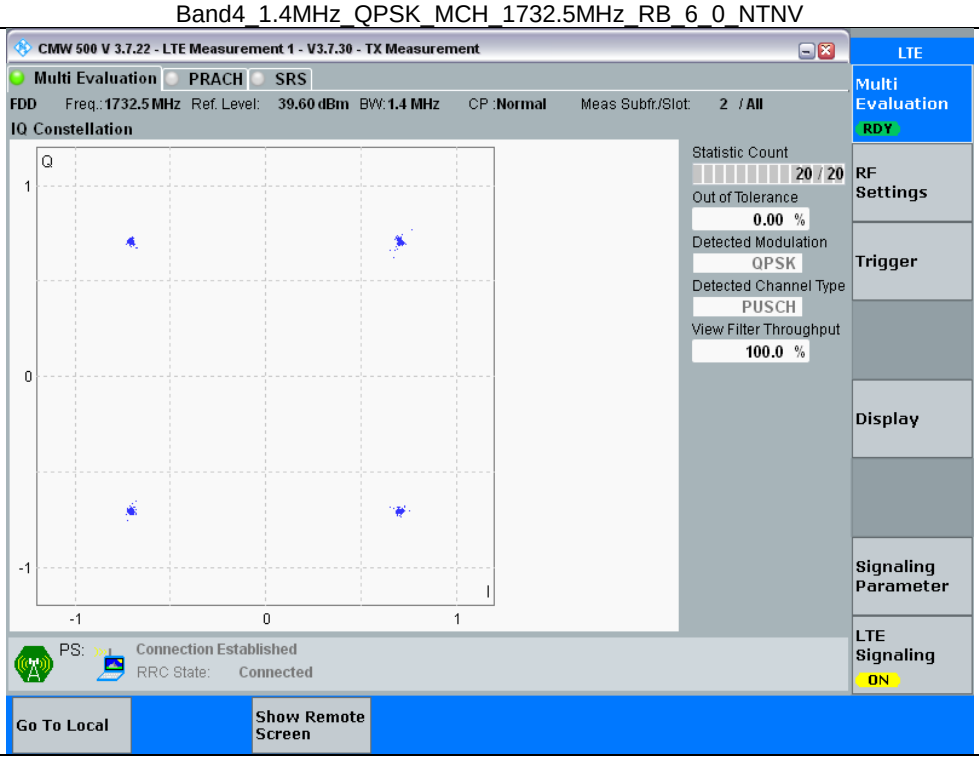
3.1.6 B4_20MHz

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

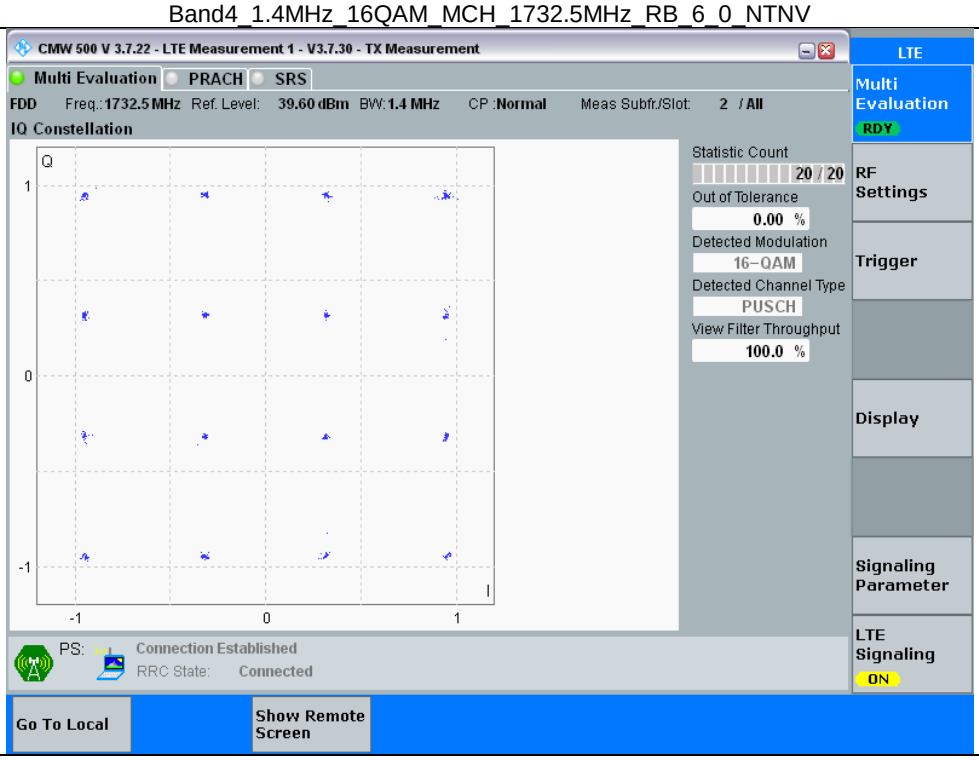
3.2 Test Graph

3.2.1 B4_1.4MHz

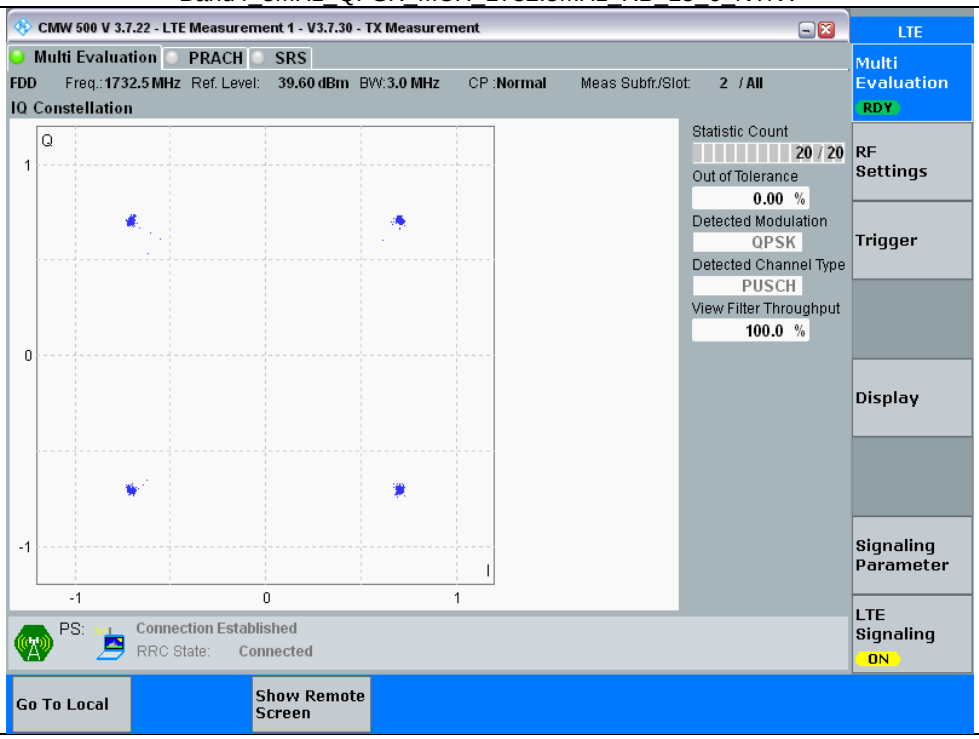
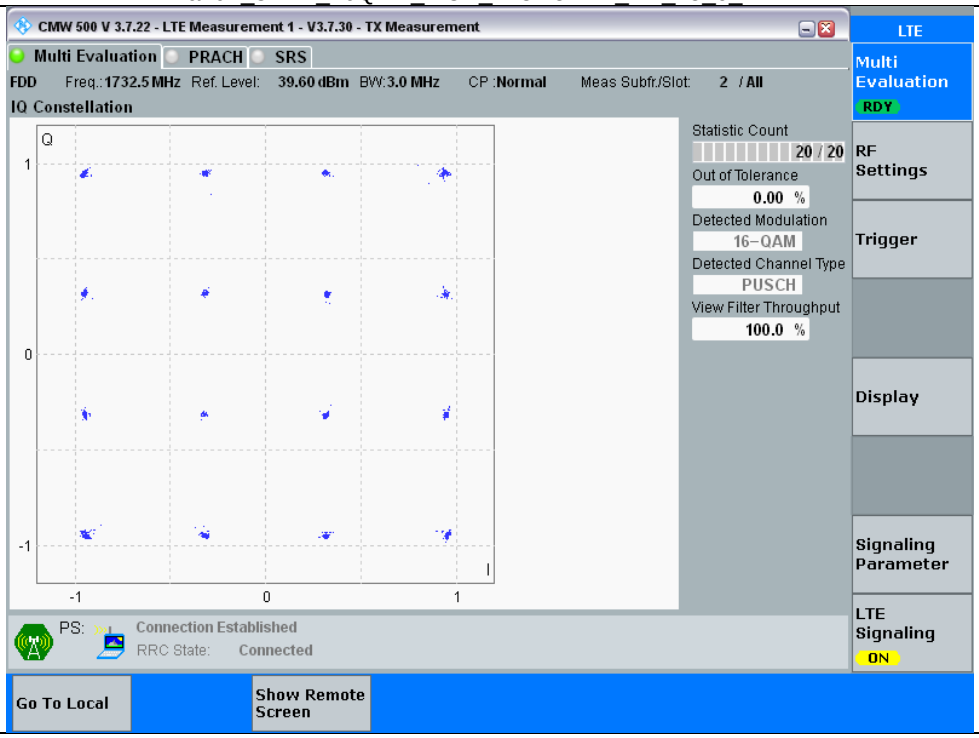
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



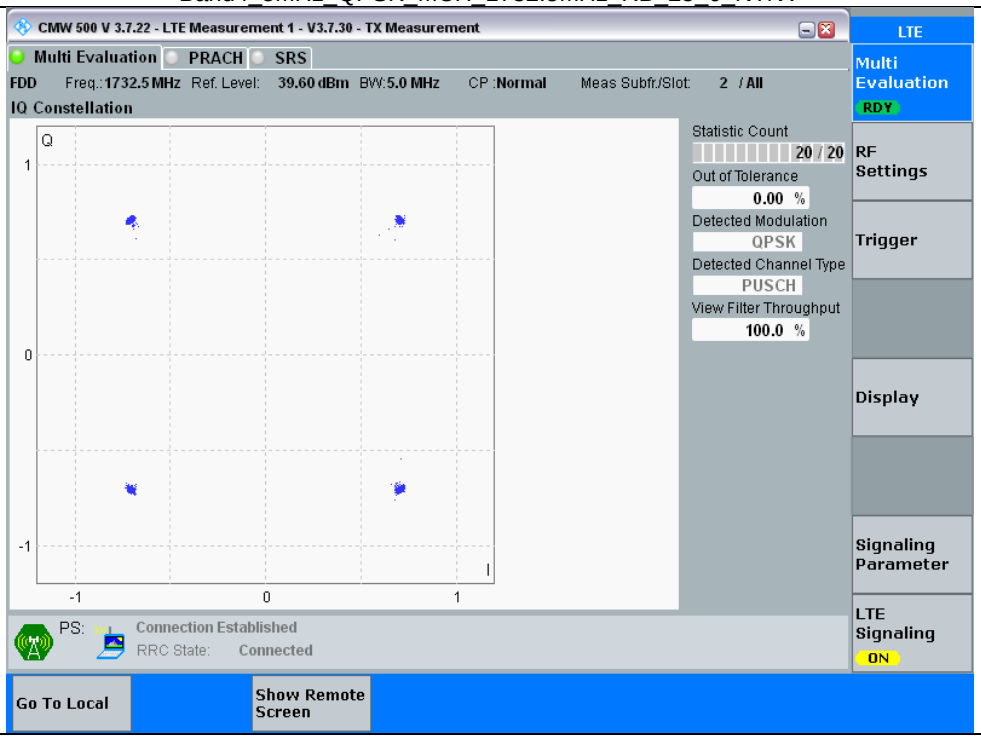
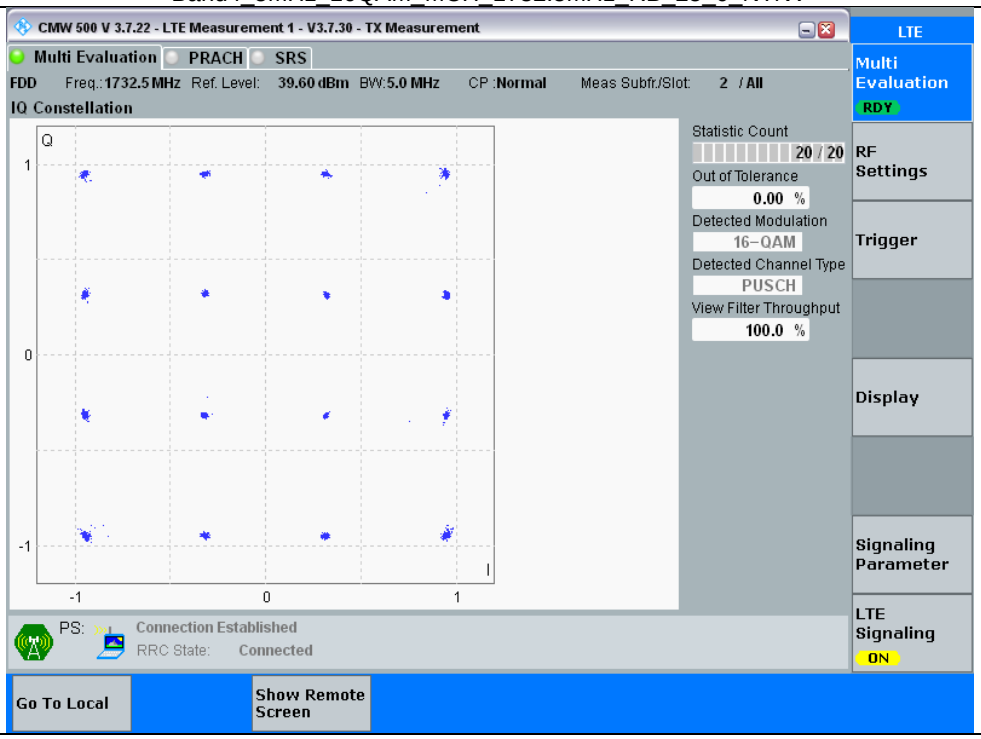
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



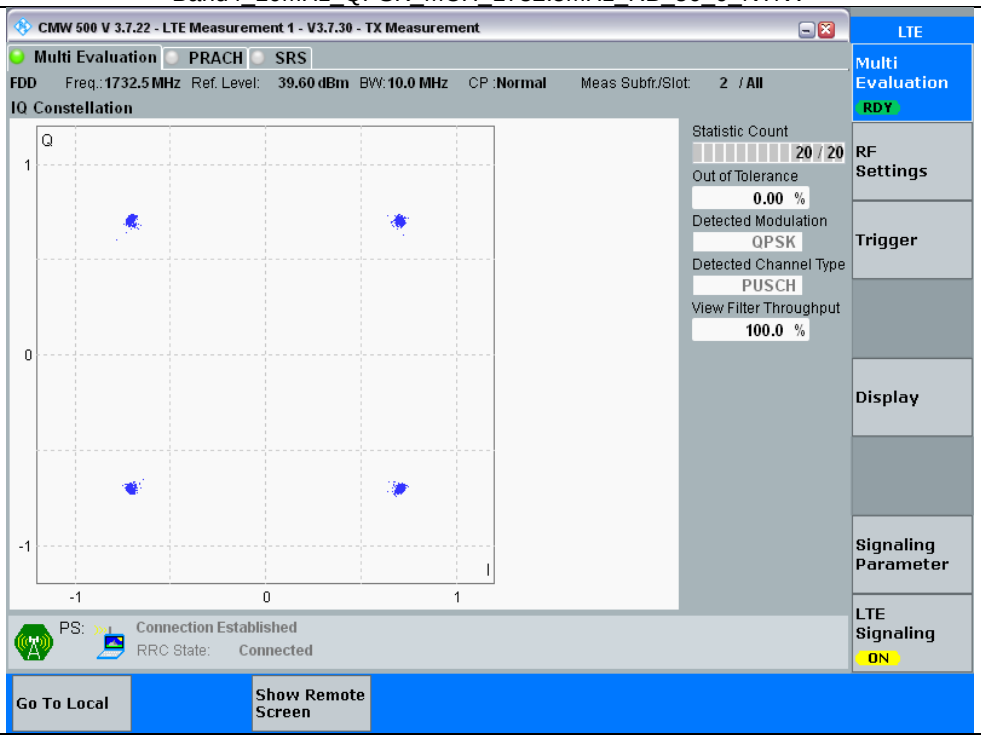
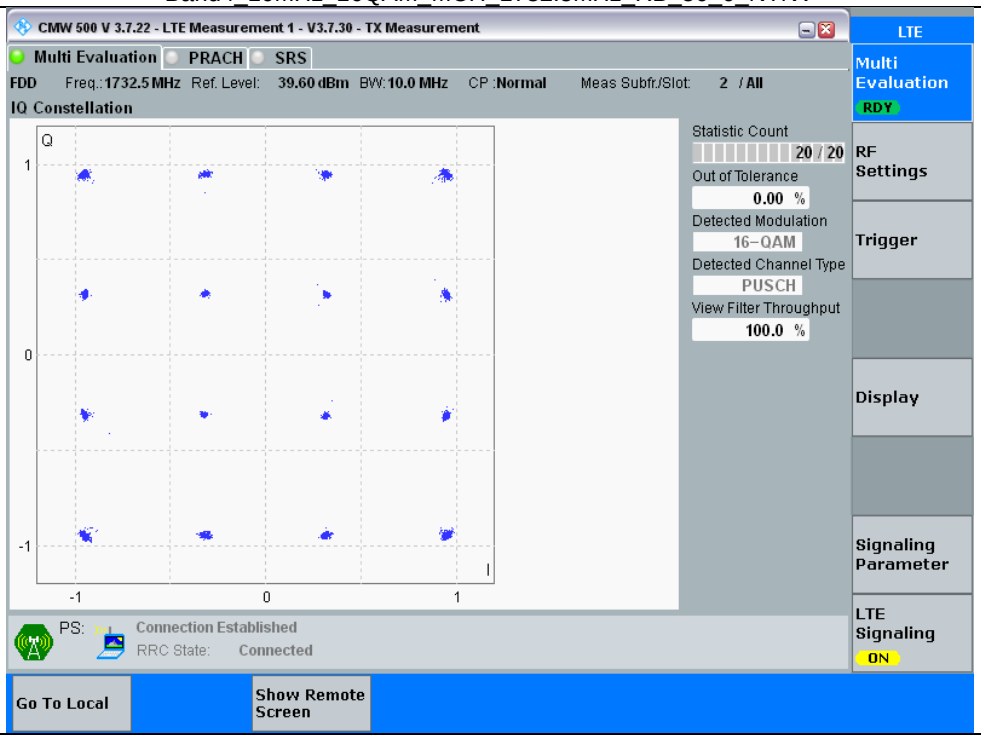
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


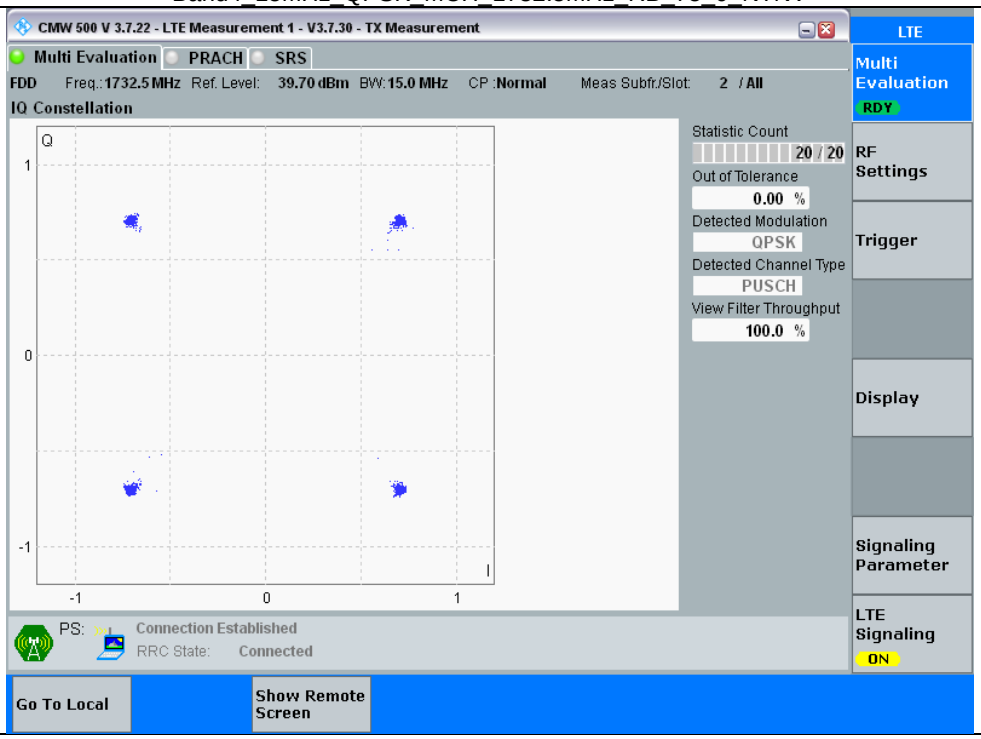
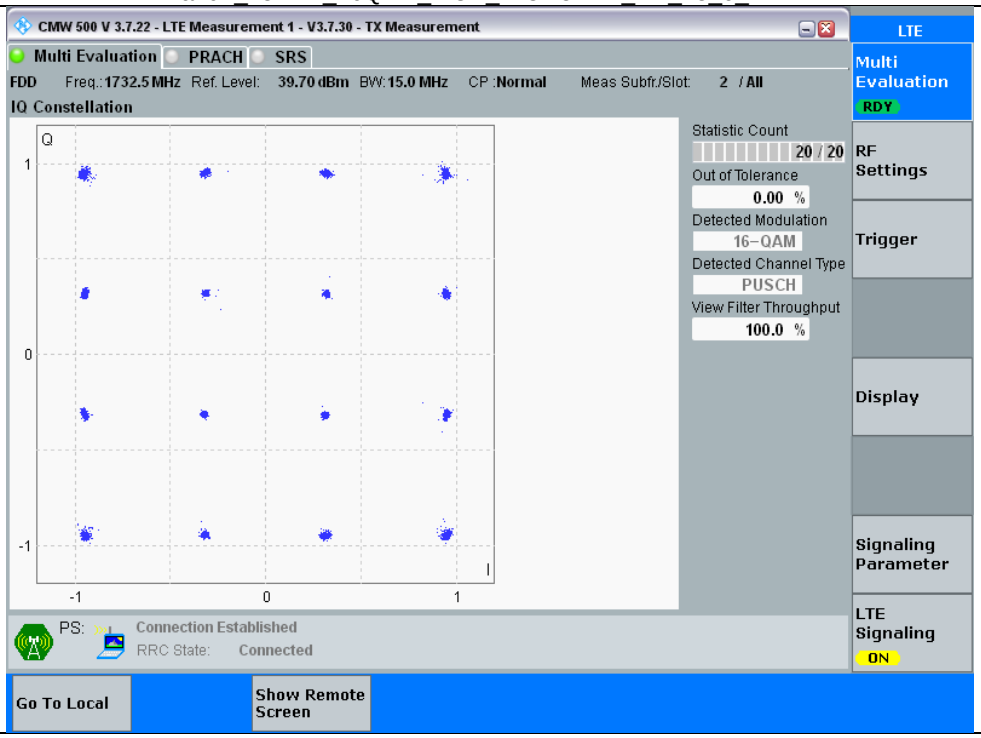
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


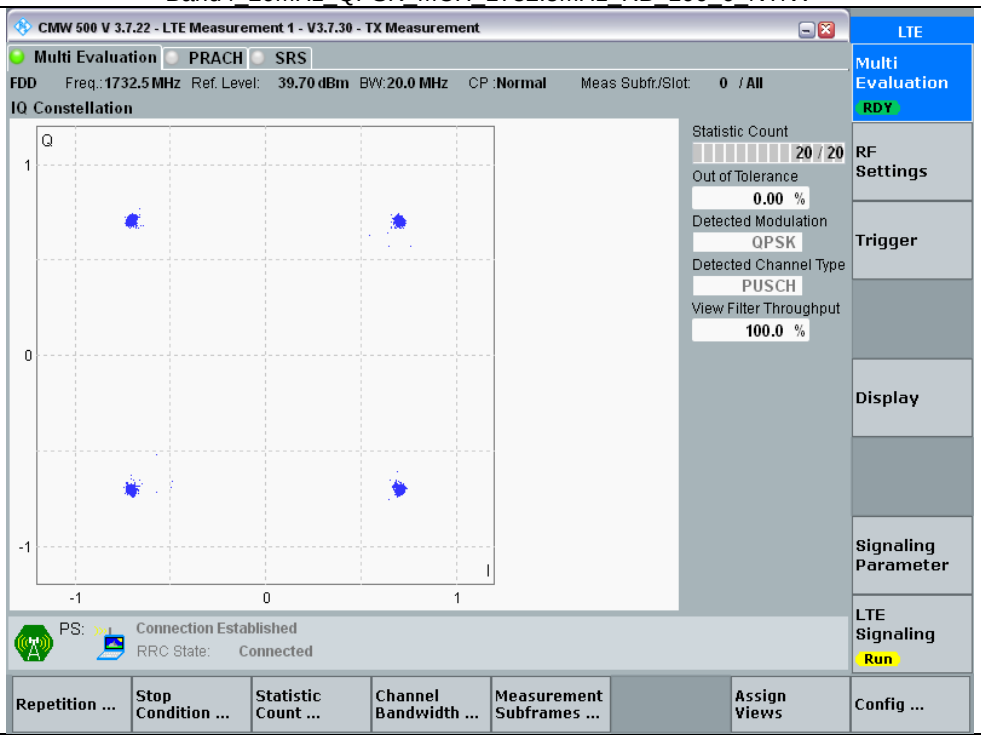
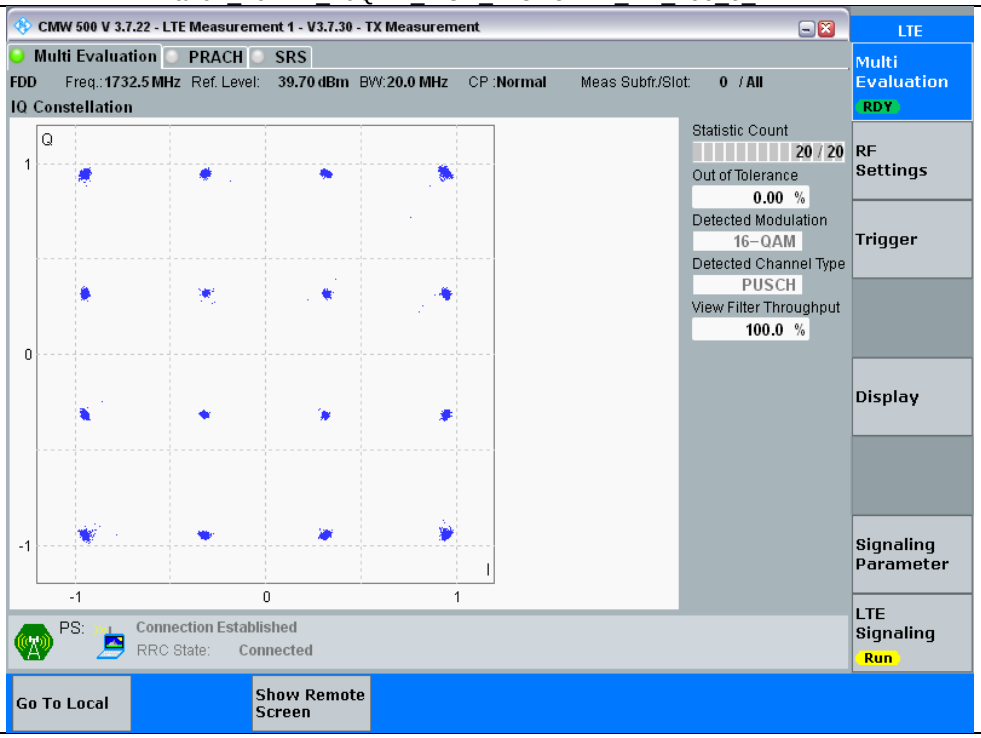
3.2.4 B4_10MHz

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	1.104	/	Pass
		1732.5	6	0	1.114	/	Pass
		1754.3	6	0	1.117	/	Pass
	16QAM	1710.7	6	0	1.107	/	Pass
		1732.5	6	0	1.117	/	Pass
		1754.3	6	0	1.110	/	Pass
3	QPSK	1711.5	15	0	2.722	/	Pass
		1732.5	15	0	2.730	/	Pass
		1753.5	15	0	2.722	/	Pass
	16QAM	1711.5	15	0	2.719	/	Pass
		1732.5	15	0	2.721	/	Pass
		1753.5	15	0	2.727	/	Pass
5	QPSK	1712.5	25	0	4.567	/	Pass
		1732.5	25	0	4.562	/	Pass
		1752.5	25	0	4.602	/	Pass
	16QAM	1712.5	25	0	4.596	/	Pass
		1732.5	25	0	4.594	/	Pass
		1752.5	25	0	4.560	/	Pass
10	QPSK	1715	50	0	9.096	/	Pass
		1732.5	50	0	9.060	/	Pass
		1750	50	0	9.098	/	Pass
	16QAM	1715	50	0	9.081	/	Pass
		1732.5	50	0	9.078	/	Pass
		1750	50	0	9.098	/	Pass
15	QPSK	1717.5	75	0	13.640	/	Pass
		1732.5	75	0	13.594	/	Pass
		1747.5	75	0	13.652	/	Pass
	16QAM	1717.5	75	0	13.650	/	Pass
		1732.5	75	0	13.635	/	Pass
		1747.5	75	0	13.650	/	Pass
20	QPSK	1720	100	0	18.114	/	Pass
		1732.5	100	0	18.161	/	Pass
		1745	100	0	18.150	/	Pass
	16QAM	1720	100	0	18.143	/	Pass
		1732.5	100	0	18.142	/	Pass
		1745	100	0	18.138	/	Pass

4.1.2 Band4_XDB

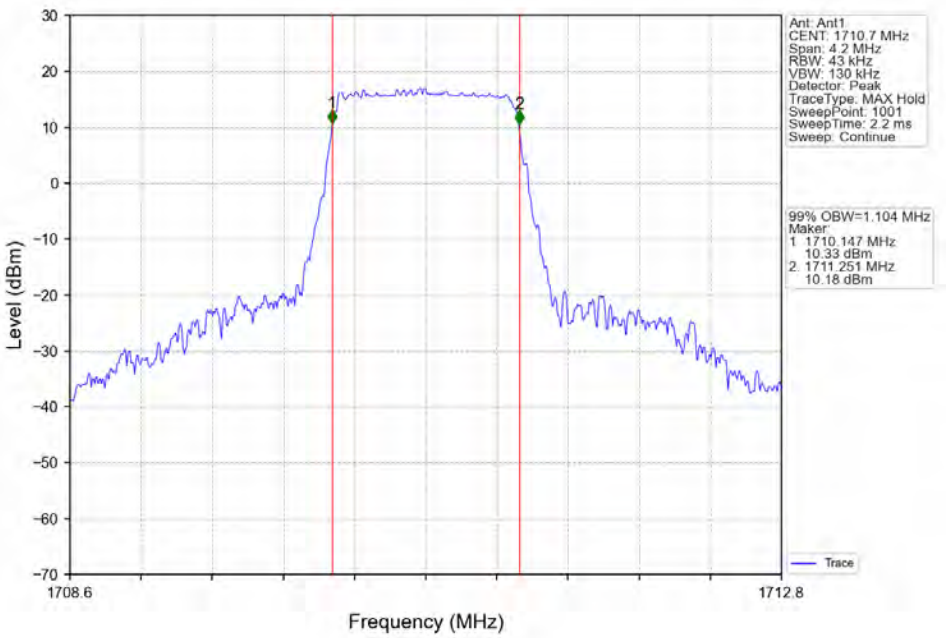
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.331	/	Pass
		1732.5	6	0	1.343	/	Pass
		1754.3	6	0	1.327	/	Pass

	16QAM	1710.7	6	0	1.309	/	Pass
		1732.5	6	0	1.329	/	Pass
		1754.3	6	0	1.341	/	Pass
3	QPSK	1711.5	15	0	2.994	/	Pass
		1732.5	15	0	2.992	/	Pass
		1753.5	15	0	2.999	/	Pass
	16QAM	1711.5	15	0	3.000	/	Pass
		1732.5	15	0	2.973	/	Pass
		1753.5	15	0	3.014	/	Pass
5	QPSK	1712.5	25	0	5.226	/	Pass
		1732.5	25	0	5.268	/	Pass
		1752.5	25	0	5.268	/	Pass
	16QAM	1712.5	25	0	5.308	/	Pass
		1732.5	25	0	5.233	/	Pass
		1752.5	25	0	5.196	/	Pass
10	QPSK	1715	50	0	10.422	/	Pass
		1732.5	50	0	10.368	/	Pass
		1750	50	0	10.381	/	Pass
	16QAM	1715	50	0	10.287	/	Pass
		1732.5	50	0	10.307	/	Pass
		1750	50	0	10.270	/	Pass
15	QPSK	1717.5	75	0	15.321	/	Pass
		1732.5	75	0	15.279	/	Pass
		1747.5	75	0	15.402	/	Pass
	16QAM	1717.5	75	0	15.439	/	Pass
		1732.5	75	0	15.396	/	Pass
		1747.5	75	0	15.366	/	Pass
20	QPSK	1720	100	0	20.400	/	Pass
		1732.5	100	0	20.166	/	Pass
		1745	100	0	20.184	/	Pass
	16QAM	1720	100	0	19.983	/	Pass
		1732.5	100	0	20.099	/	Pass
		1745	100	0	20.133	/	Pass

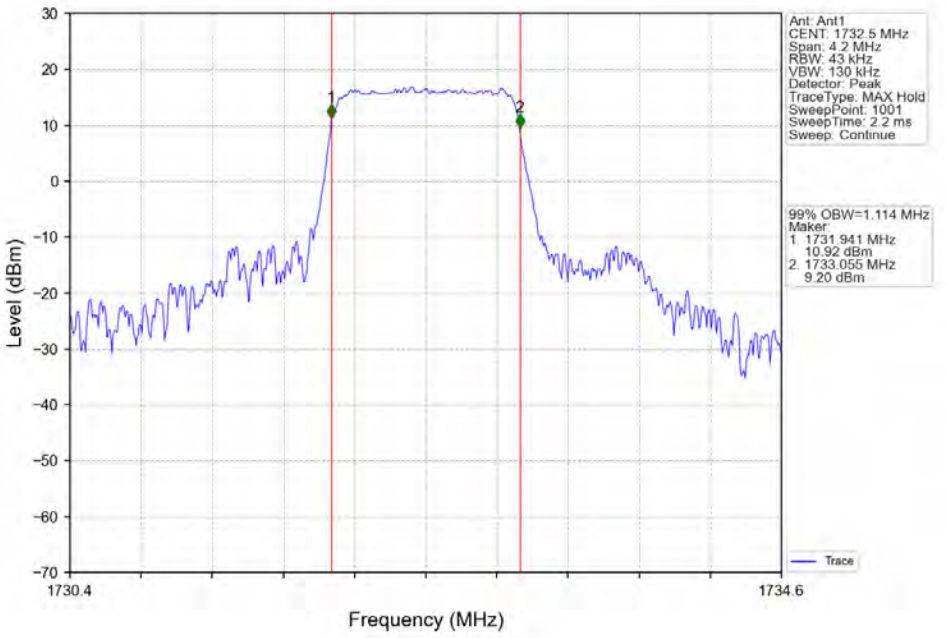
4.2 Test Graph

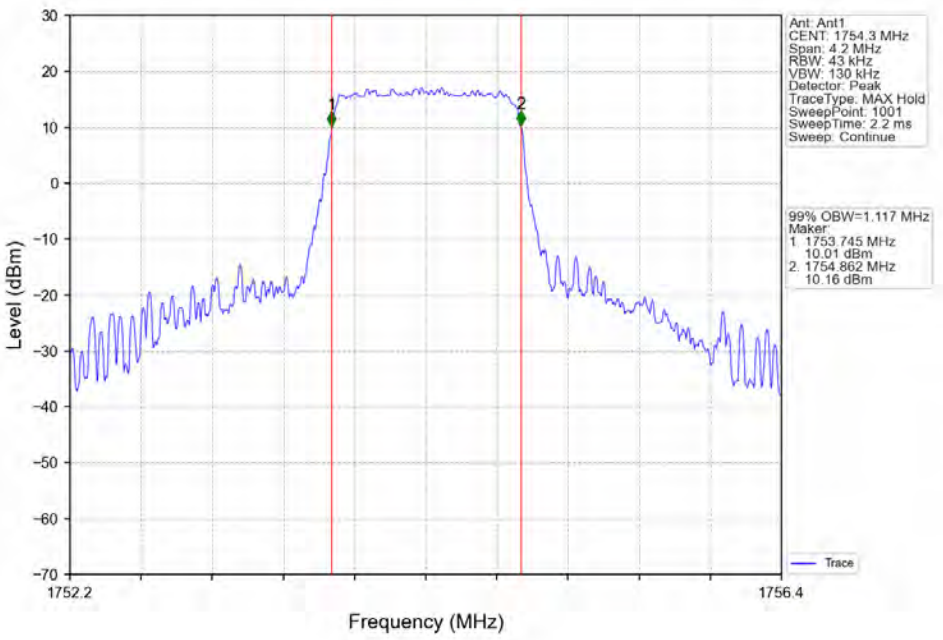
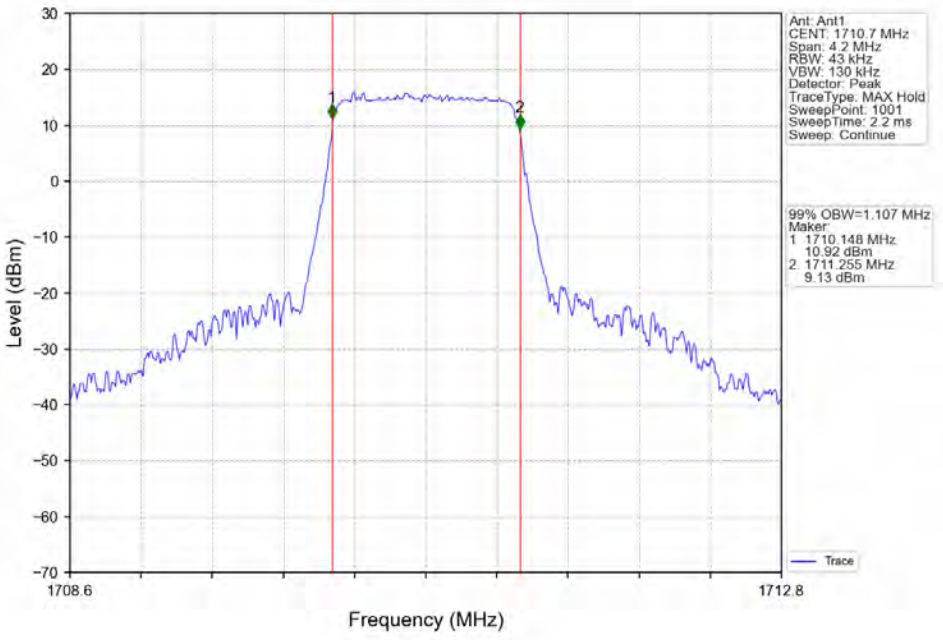
4.2.1 Band4_OBW

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

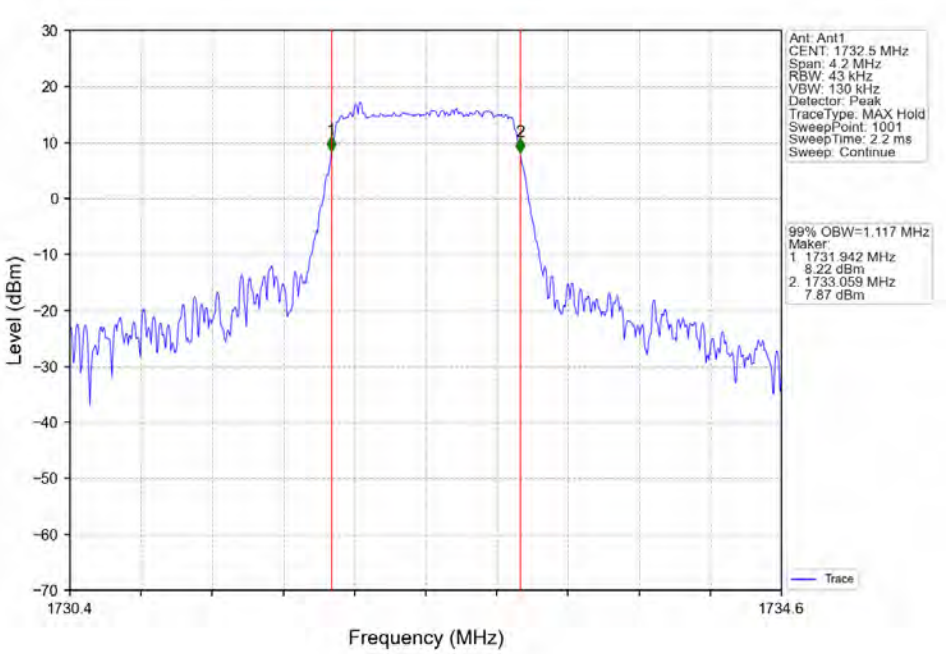


Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

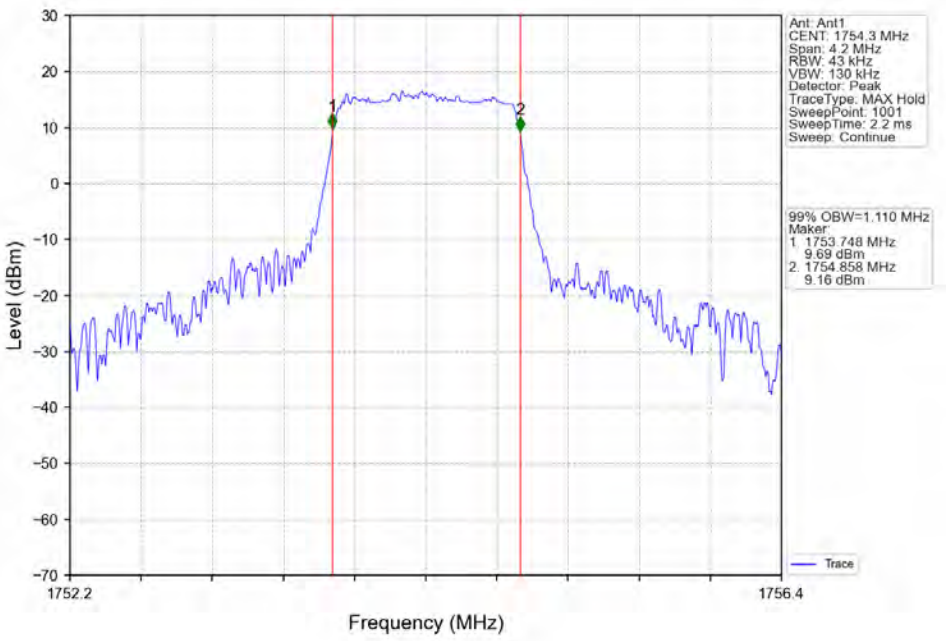


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV


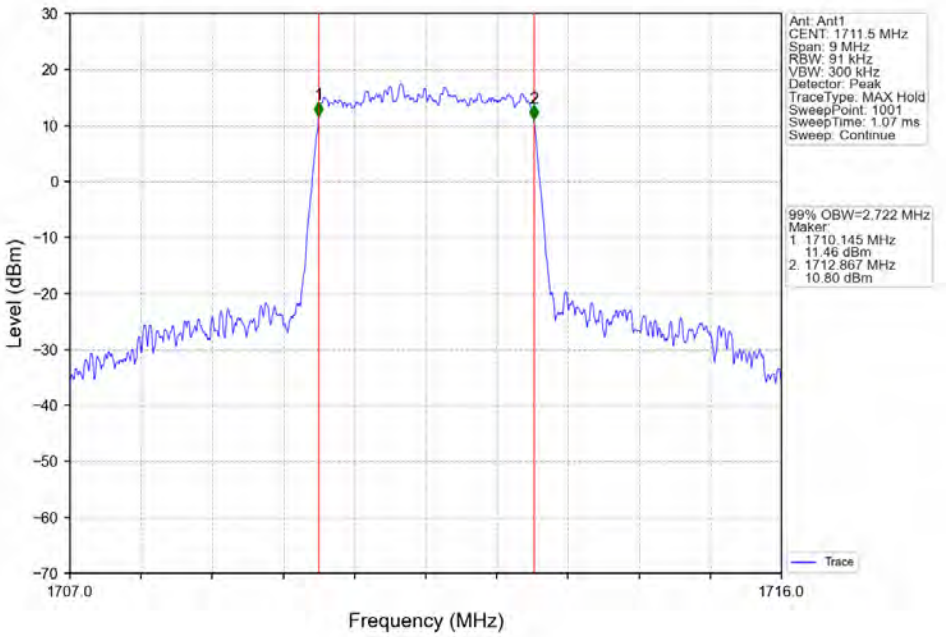
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



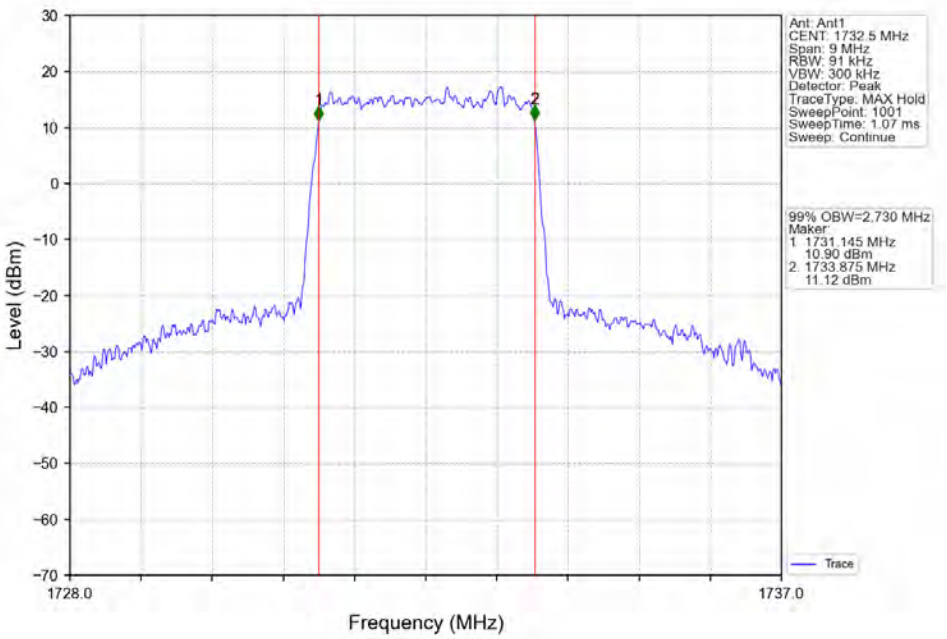
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



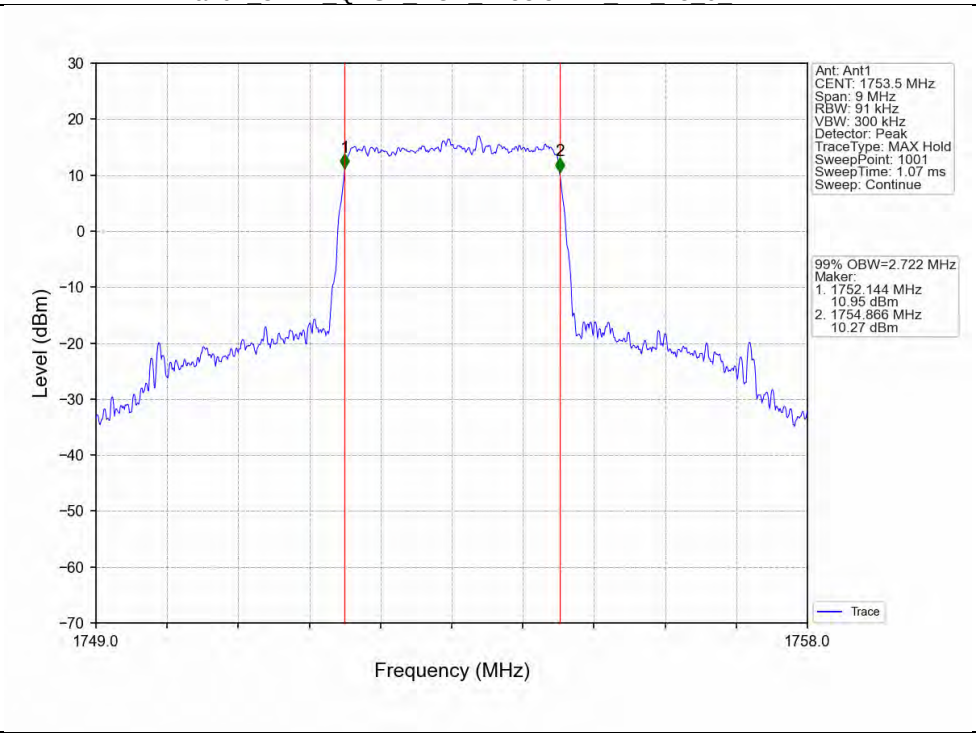
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



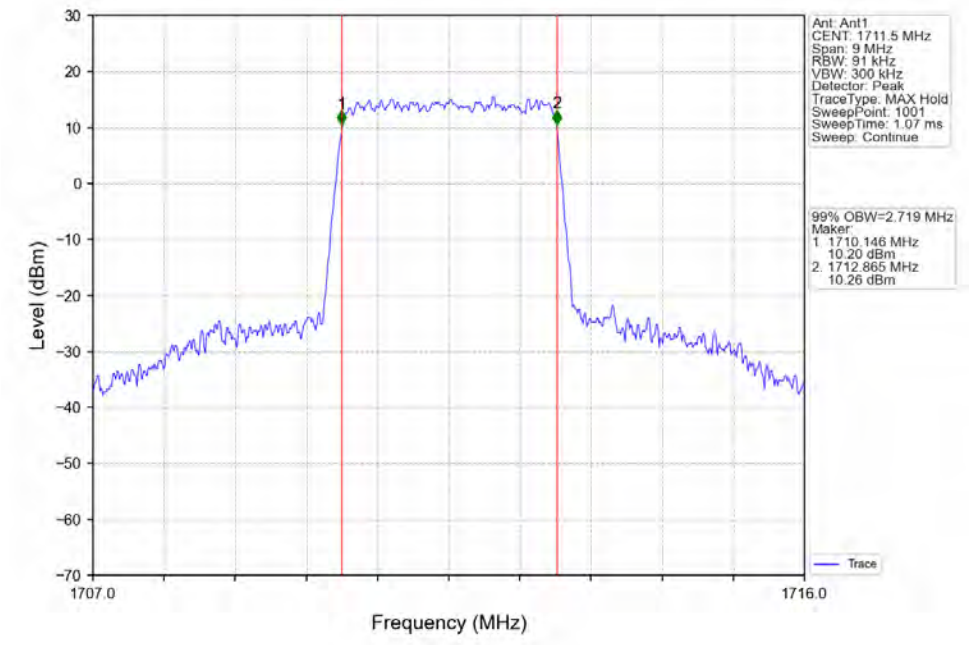
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



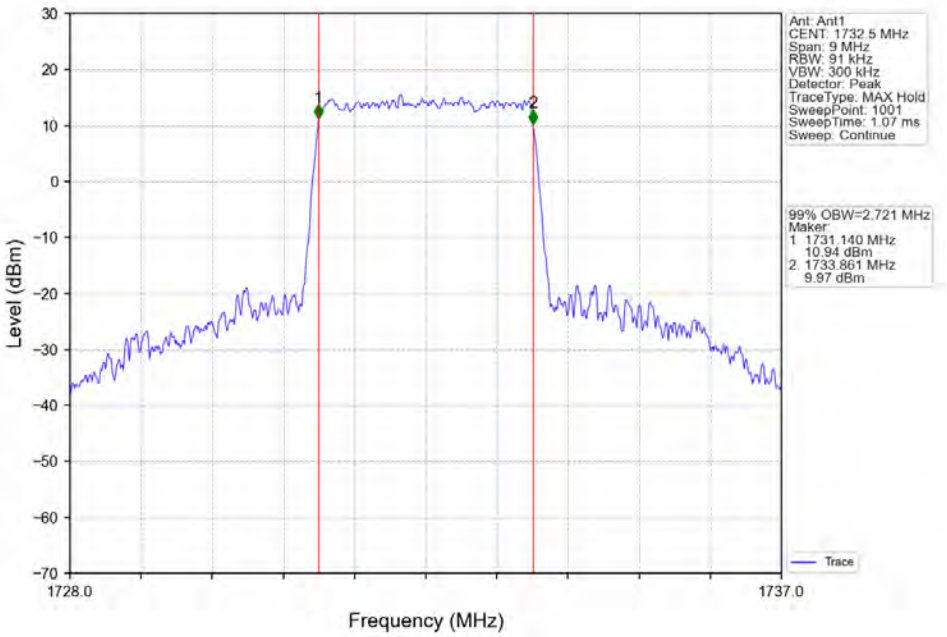
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



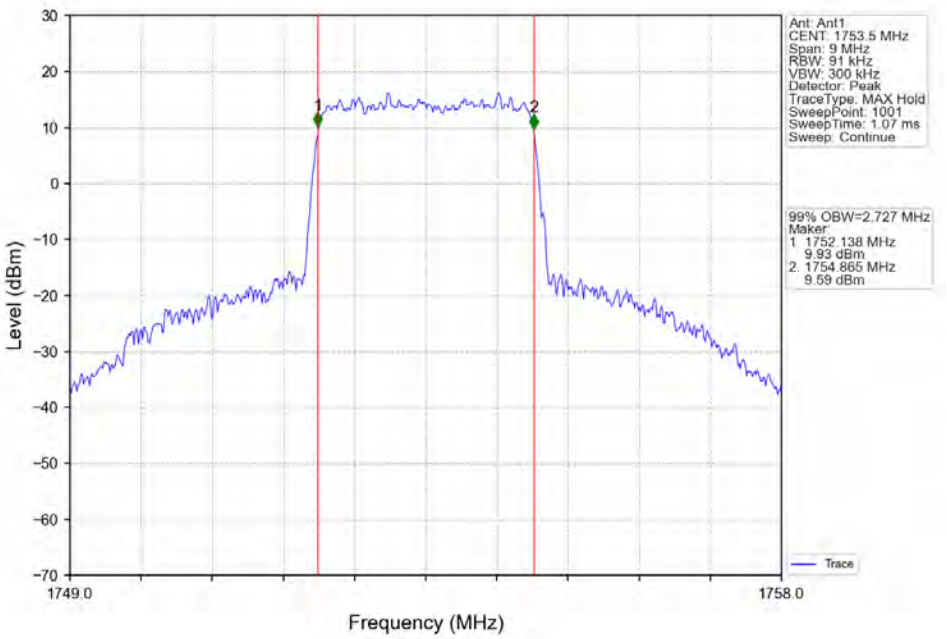
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



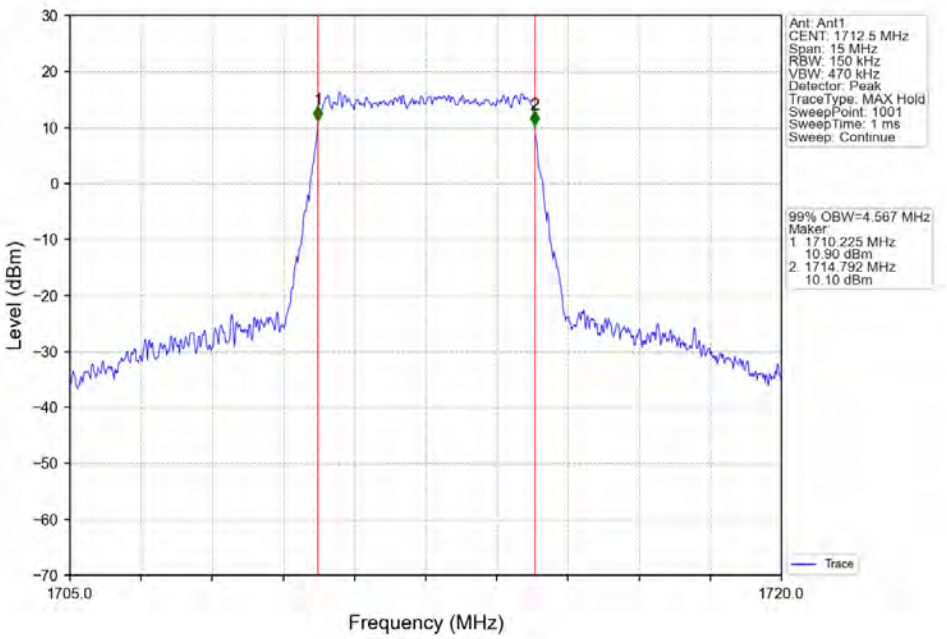
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



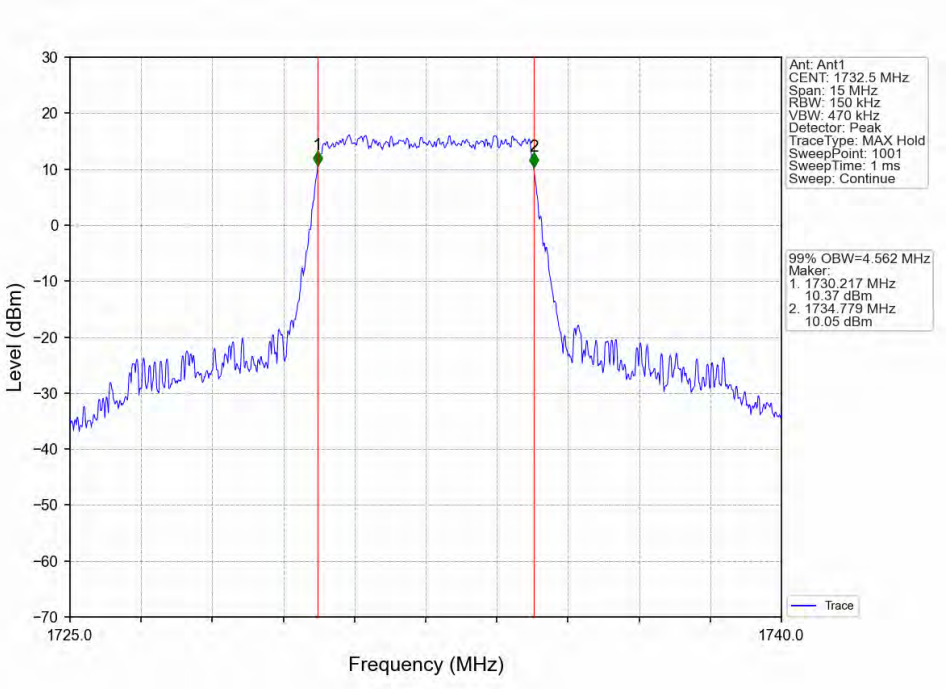
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



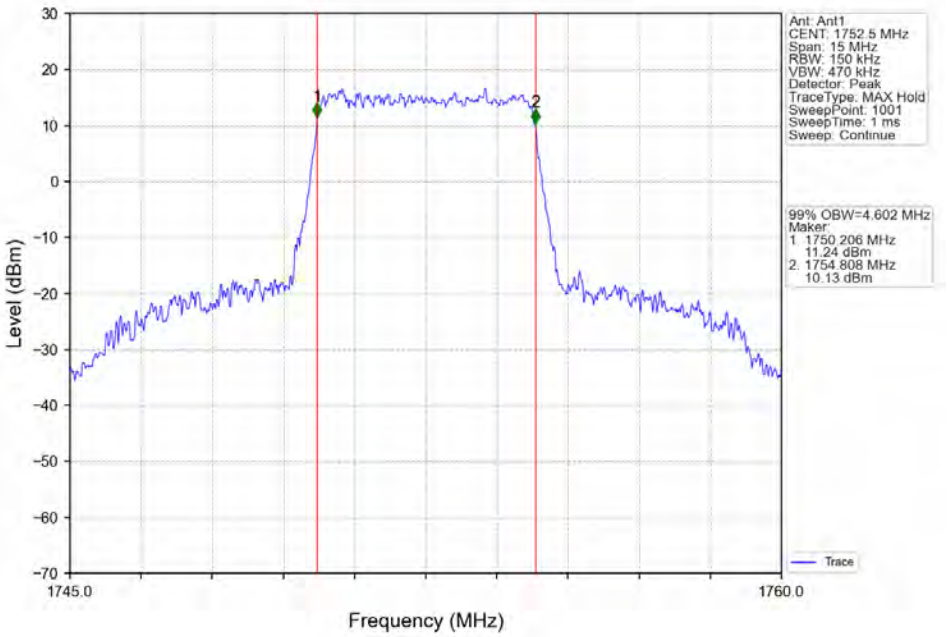
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



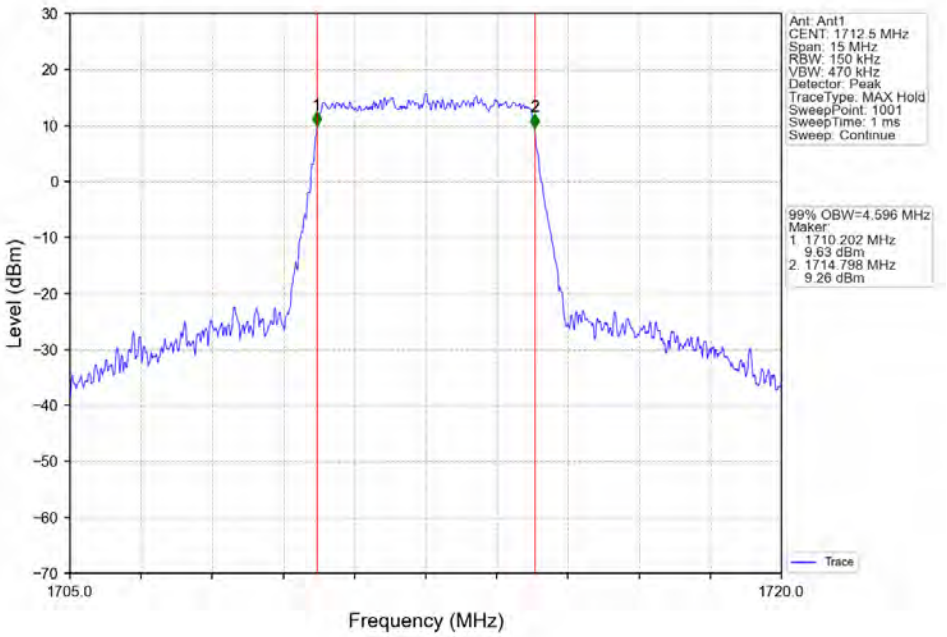
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



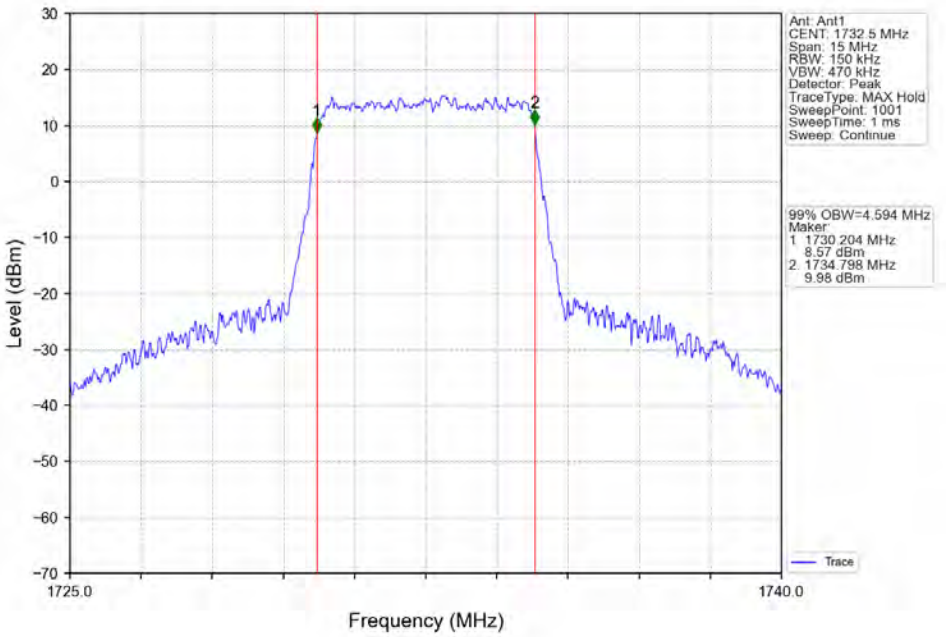
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



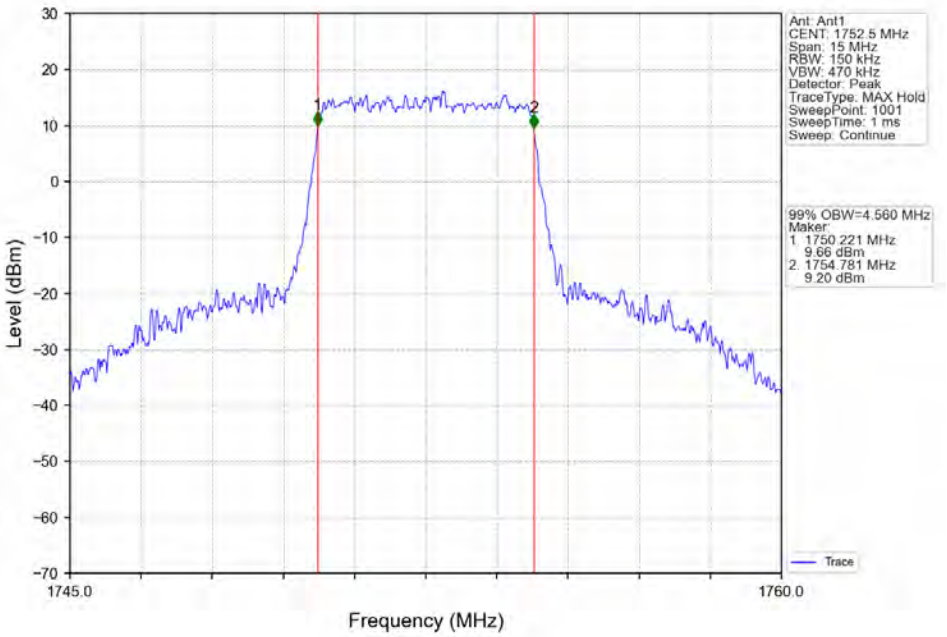
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



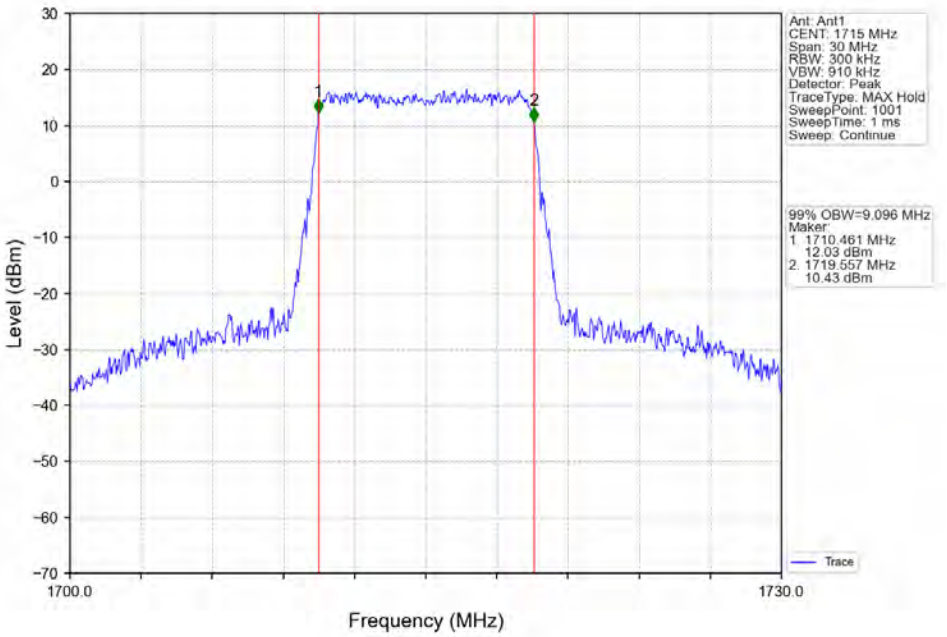
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



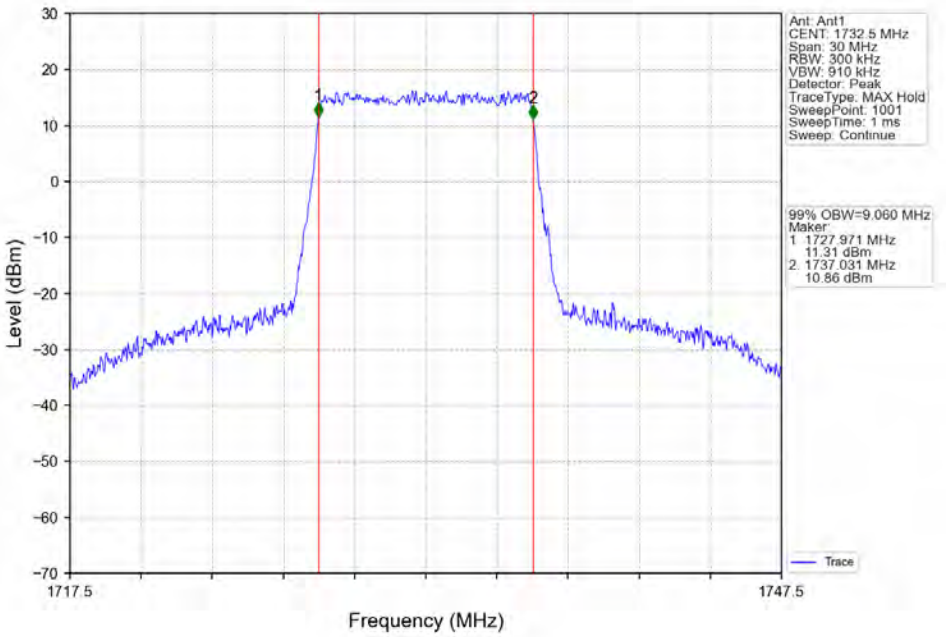
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



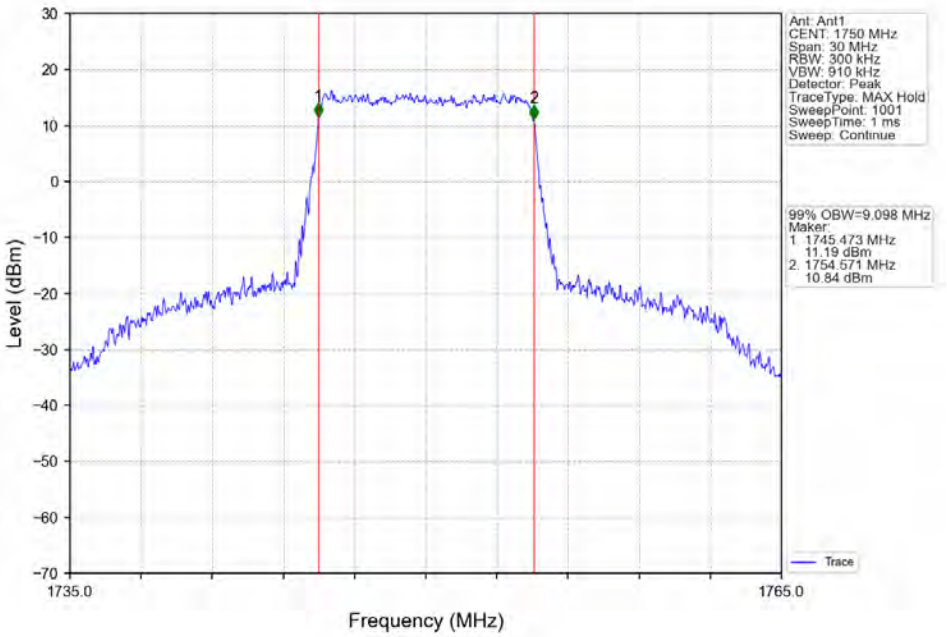
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



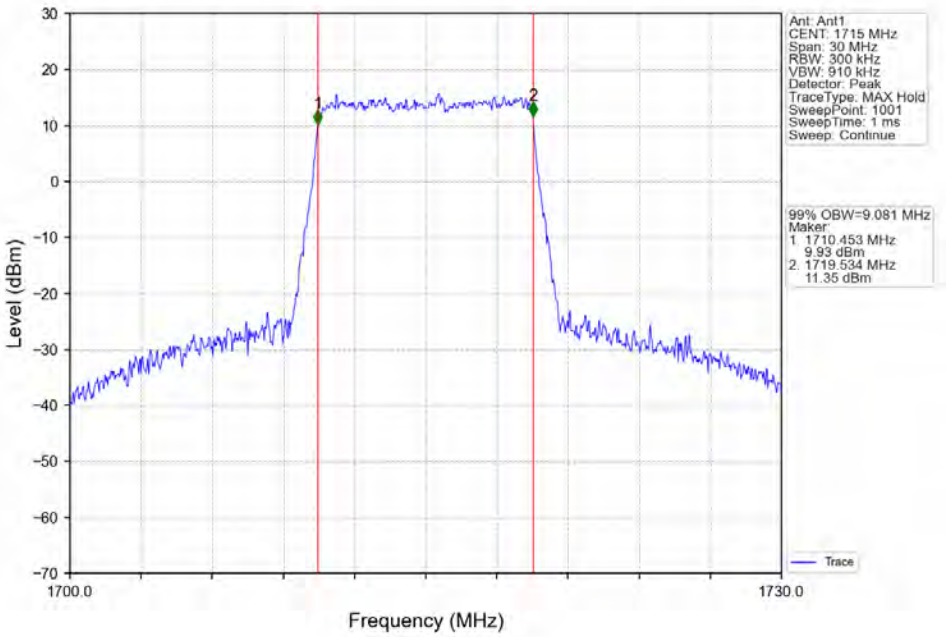
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



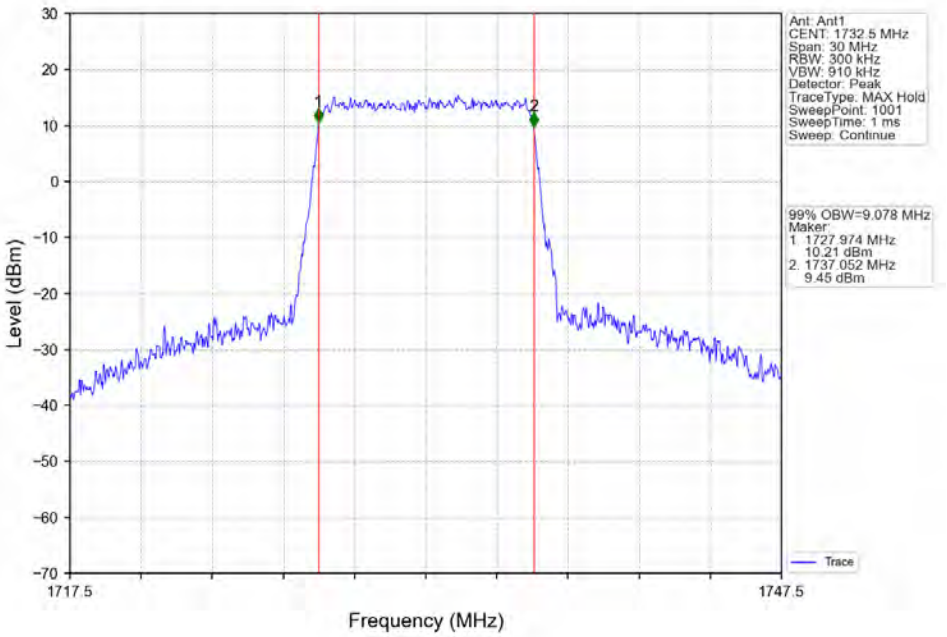
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



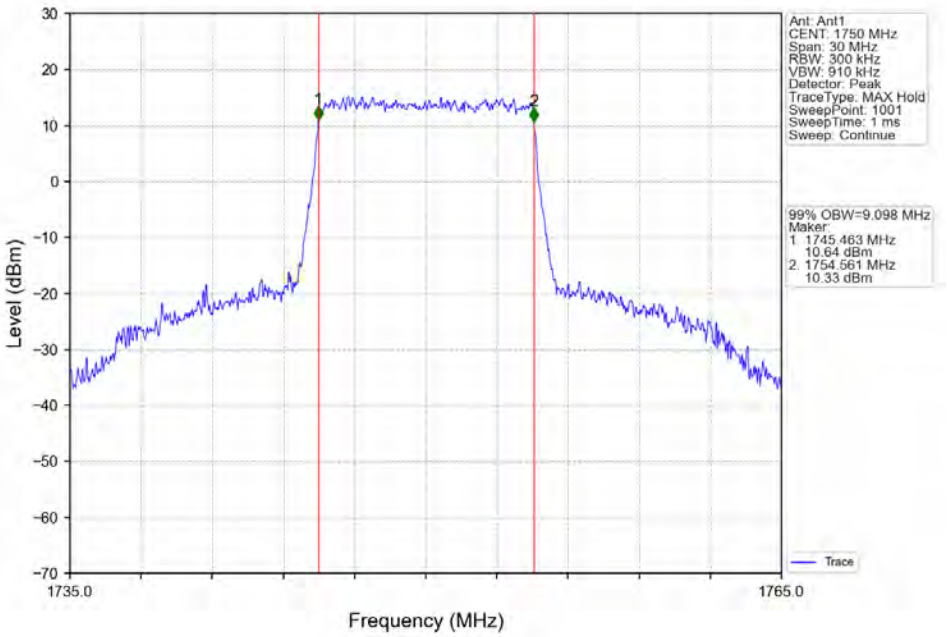
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



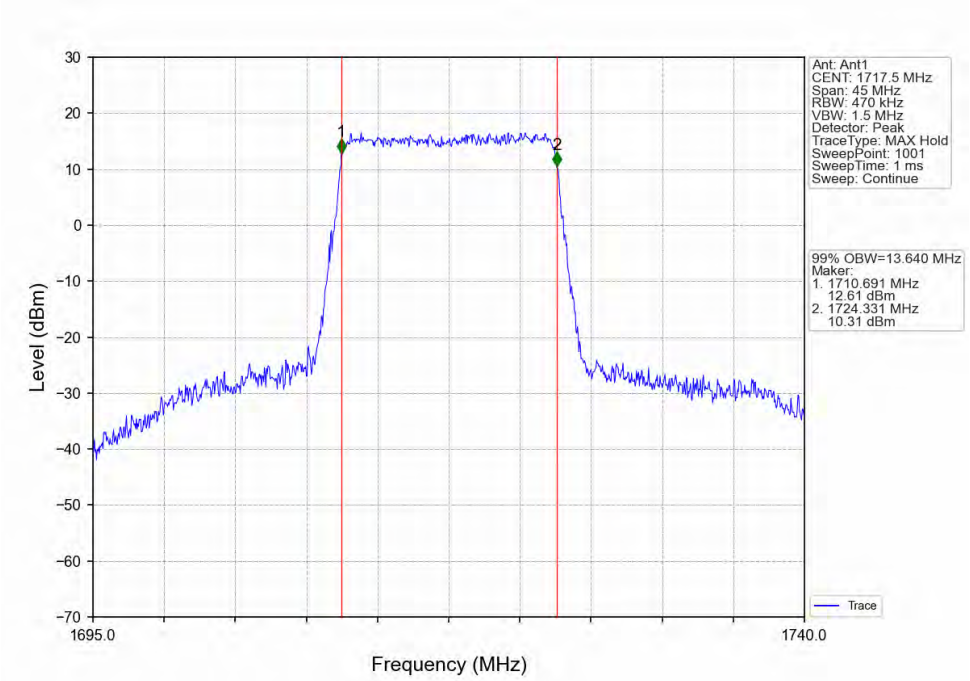
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



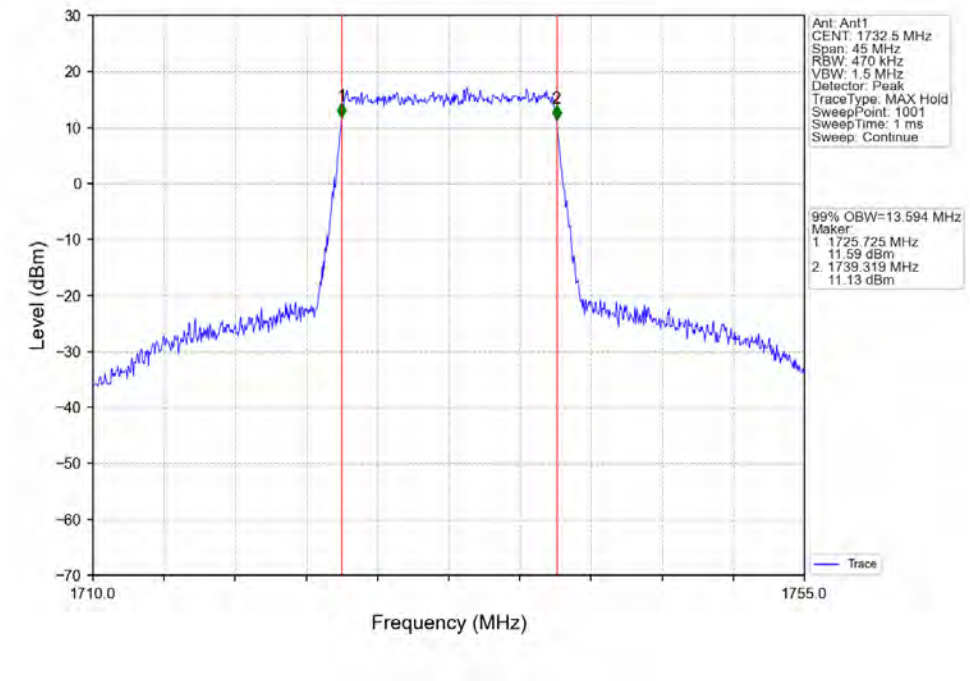
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



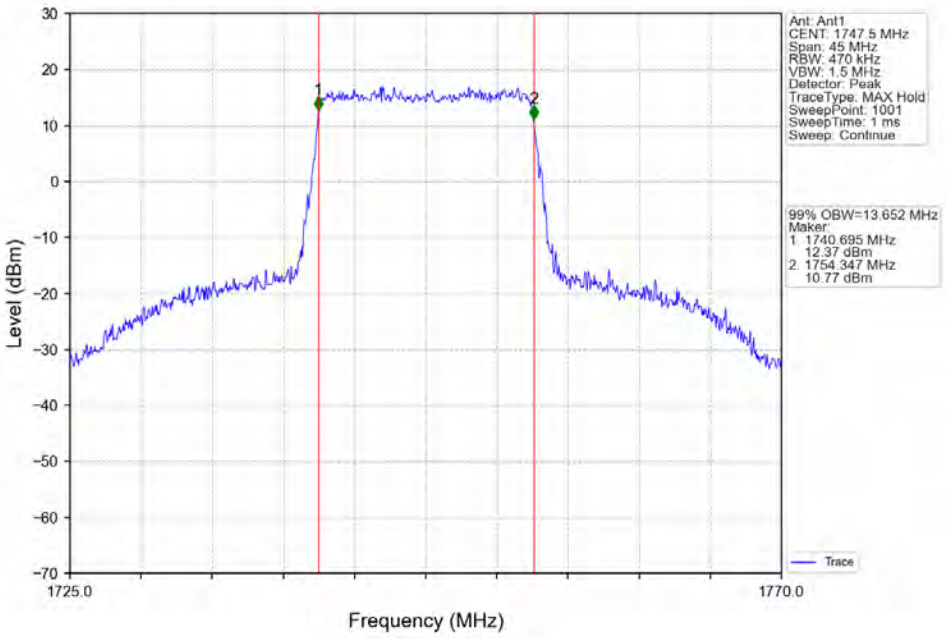
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



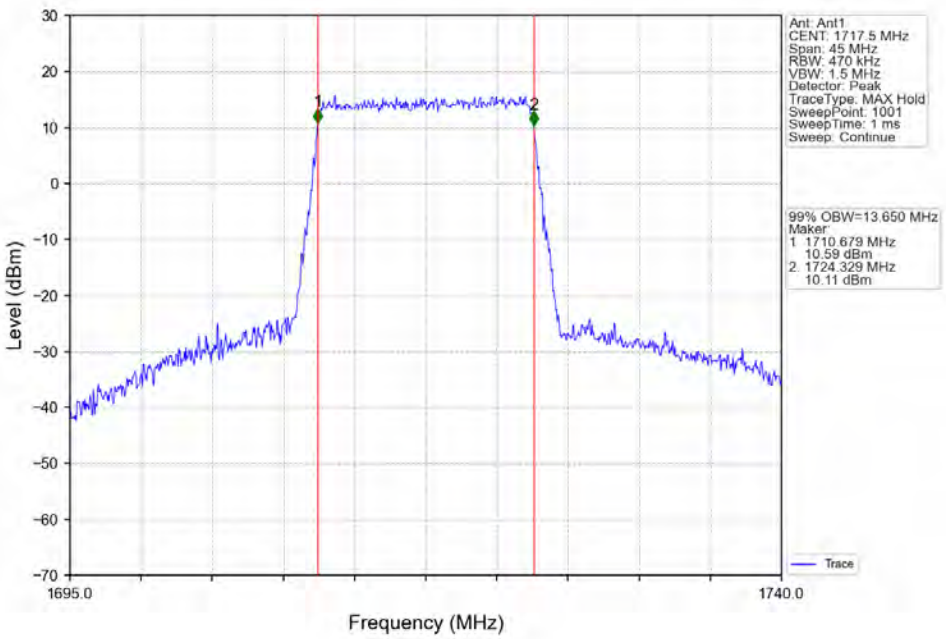
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



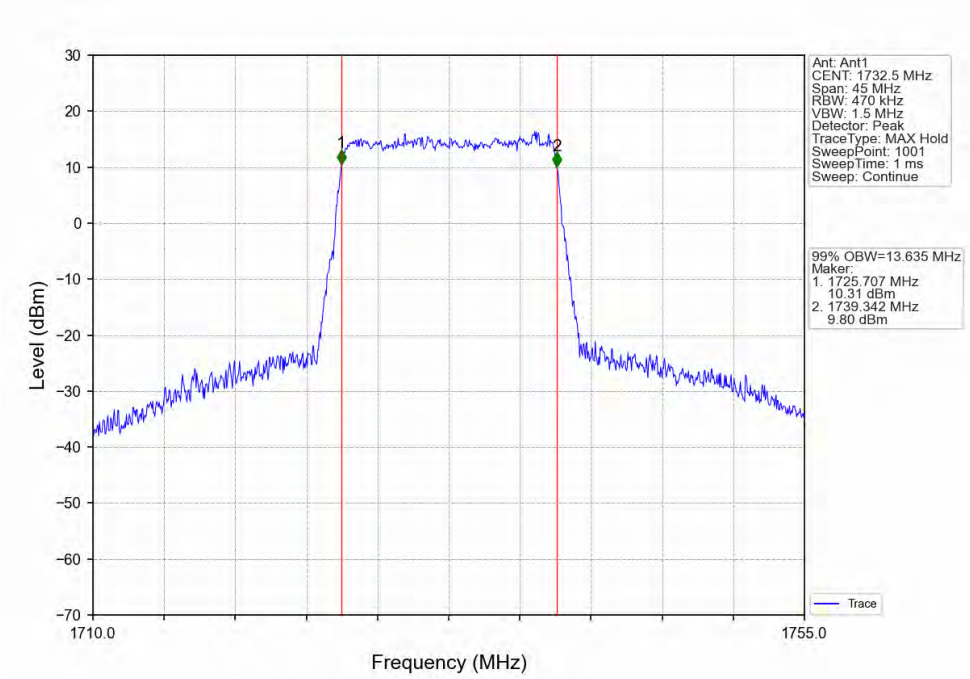
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



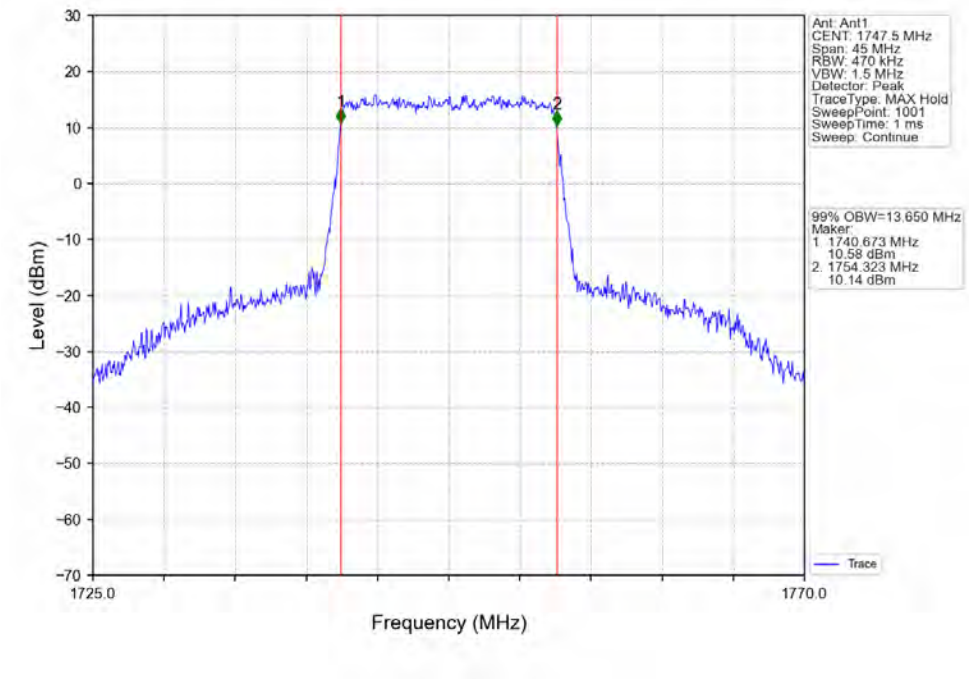
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



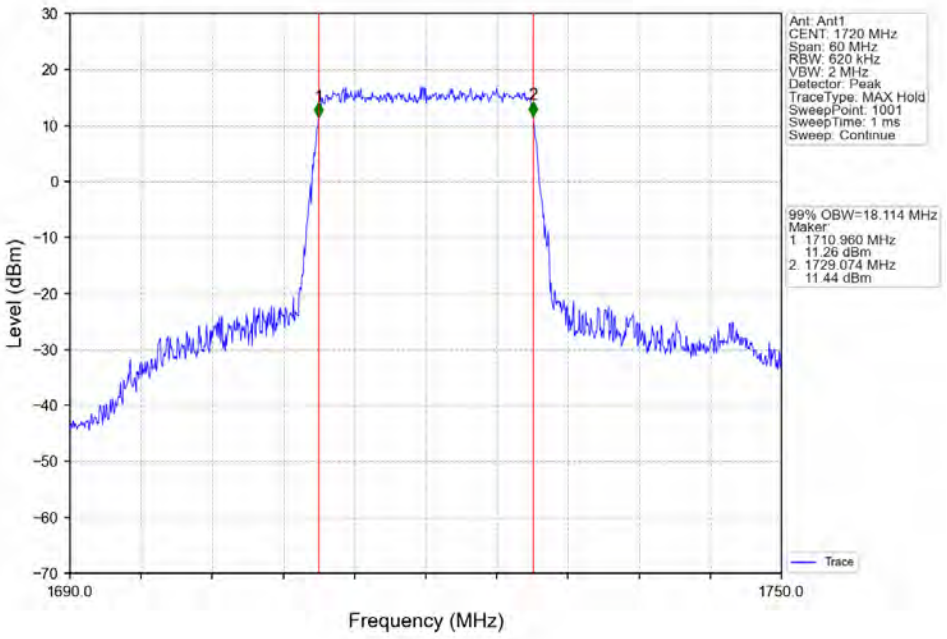
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



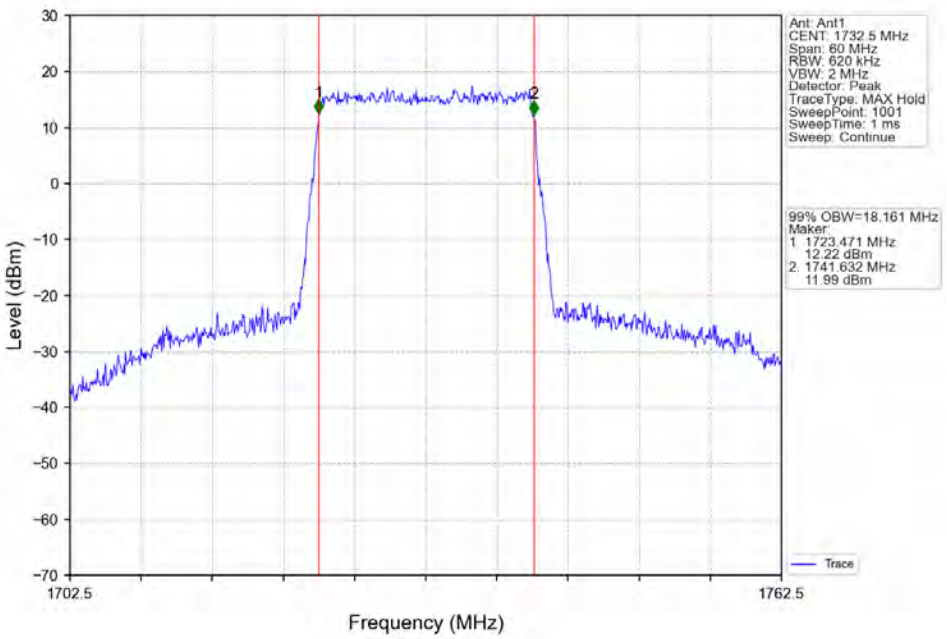
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



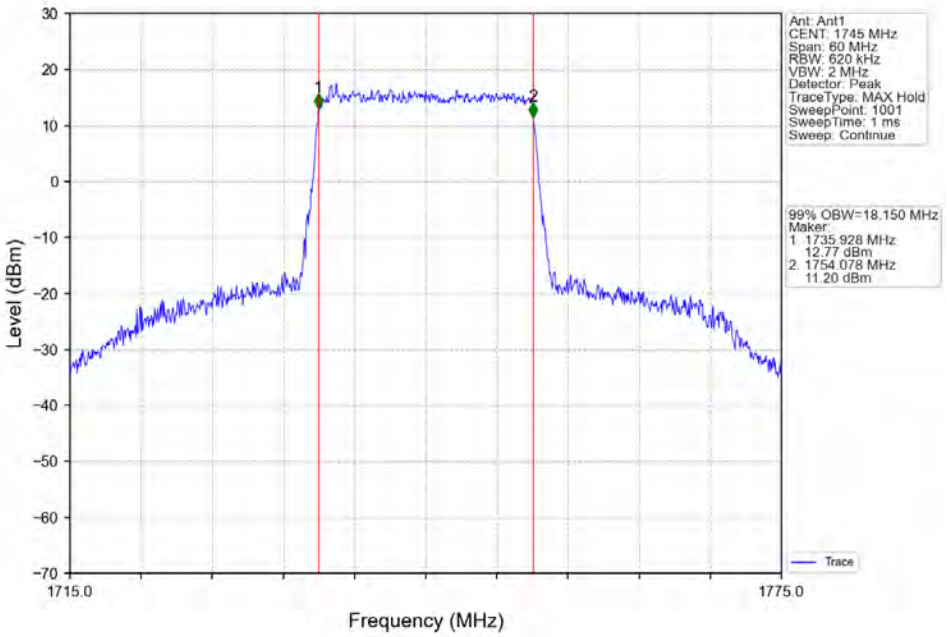
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



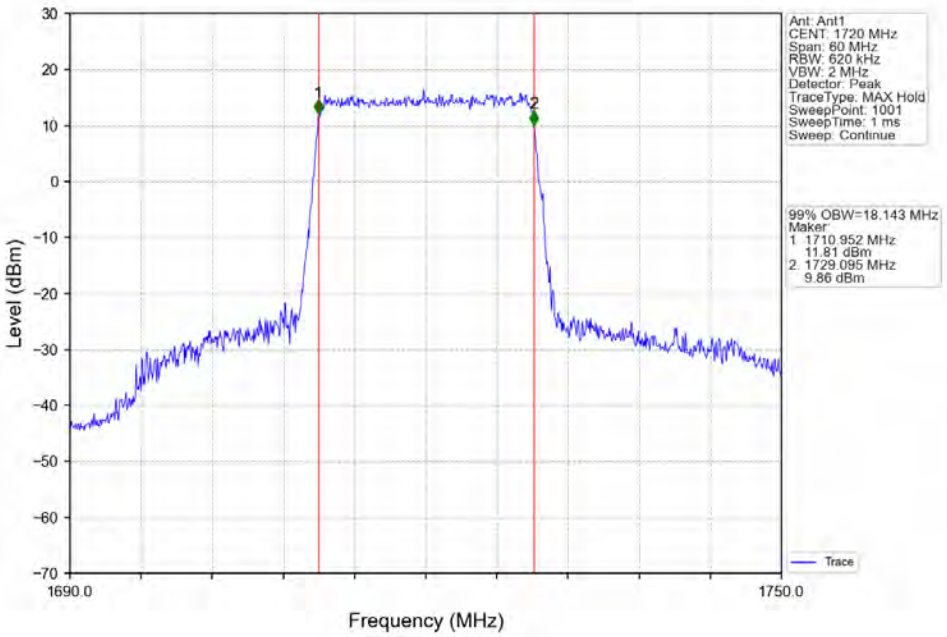
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



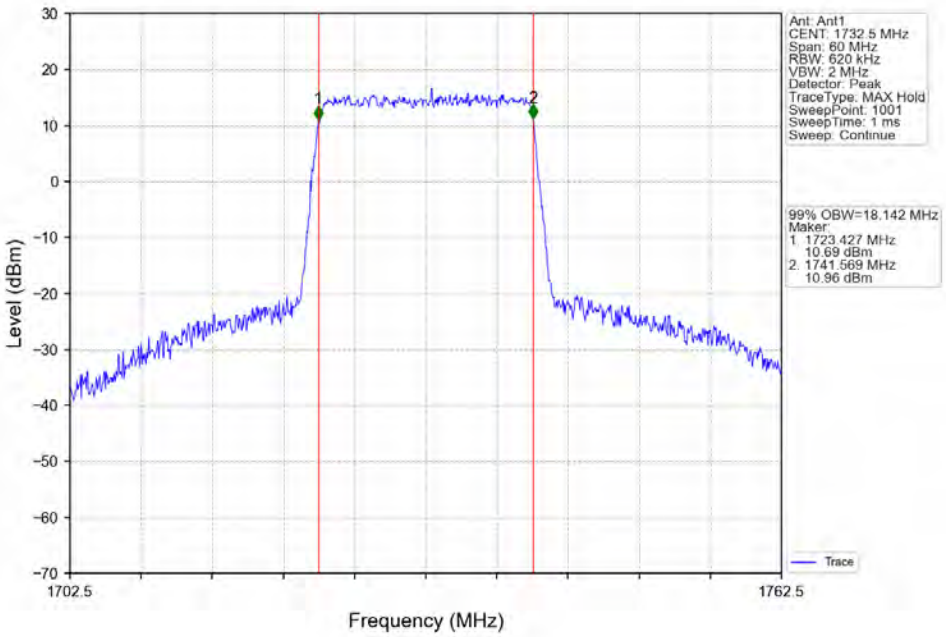
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



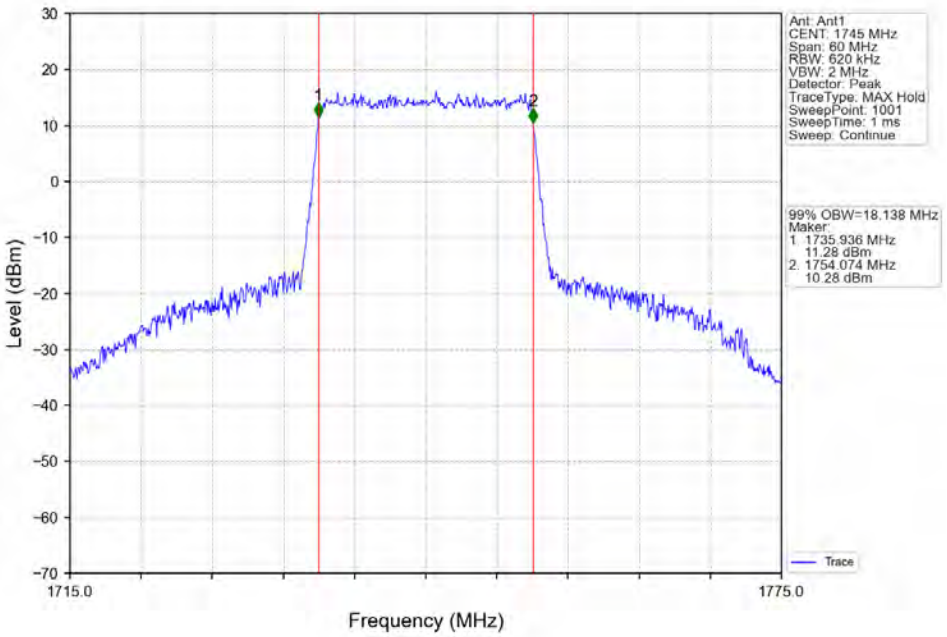
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

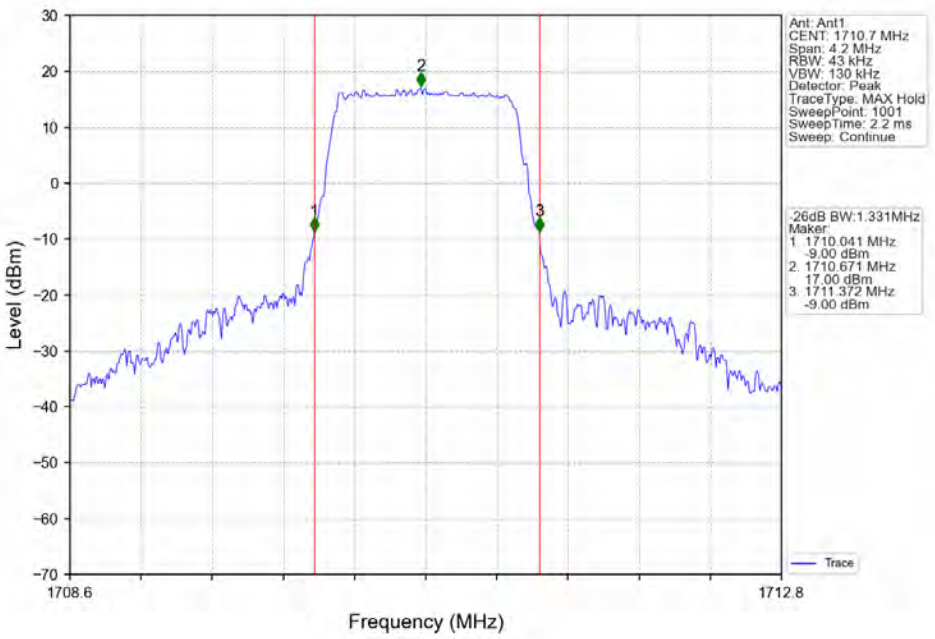


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

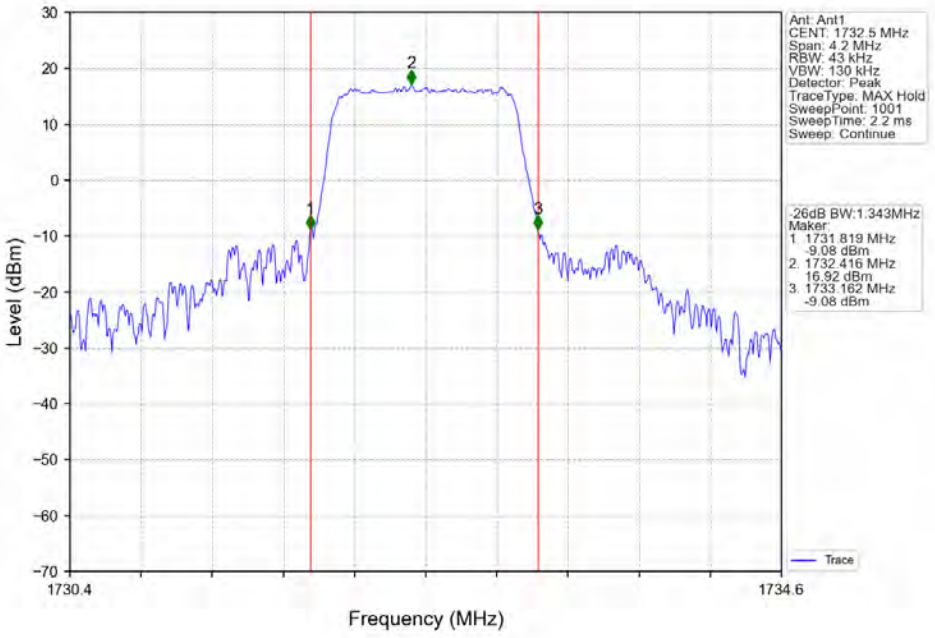


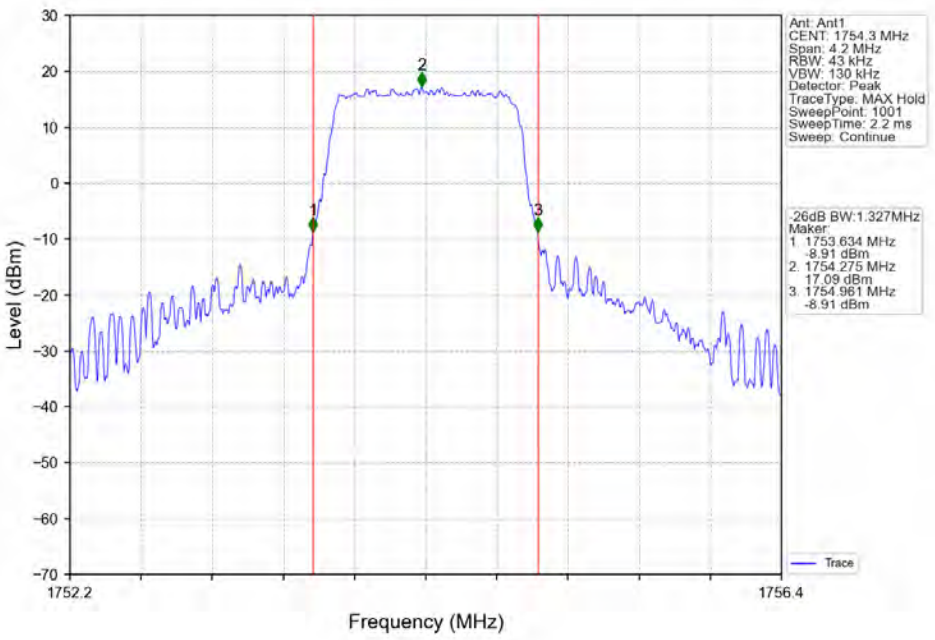
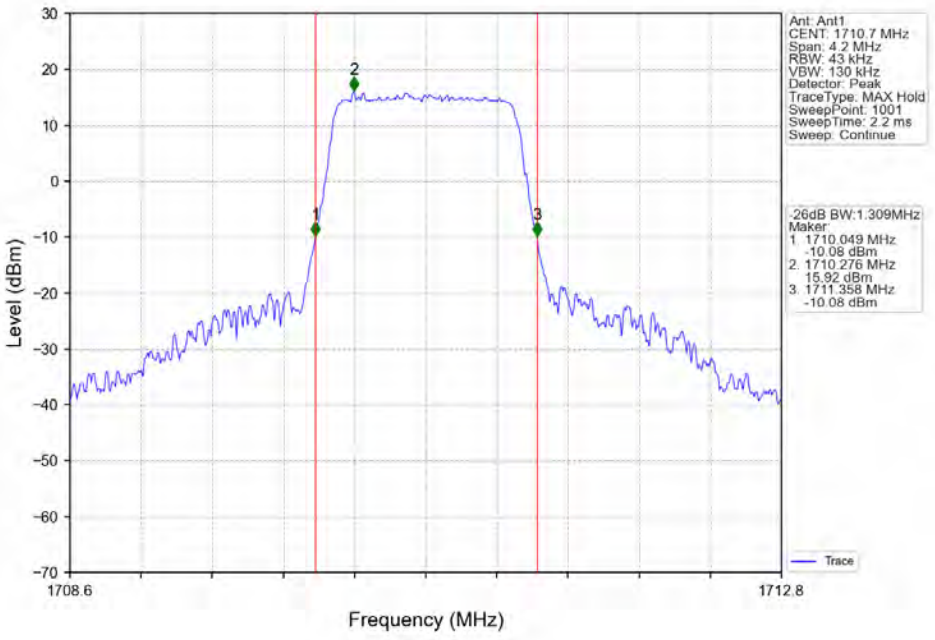
4.2.2 Band4_XDB

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

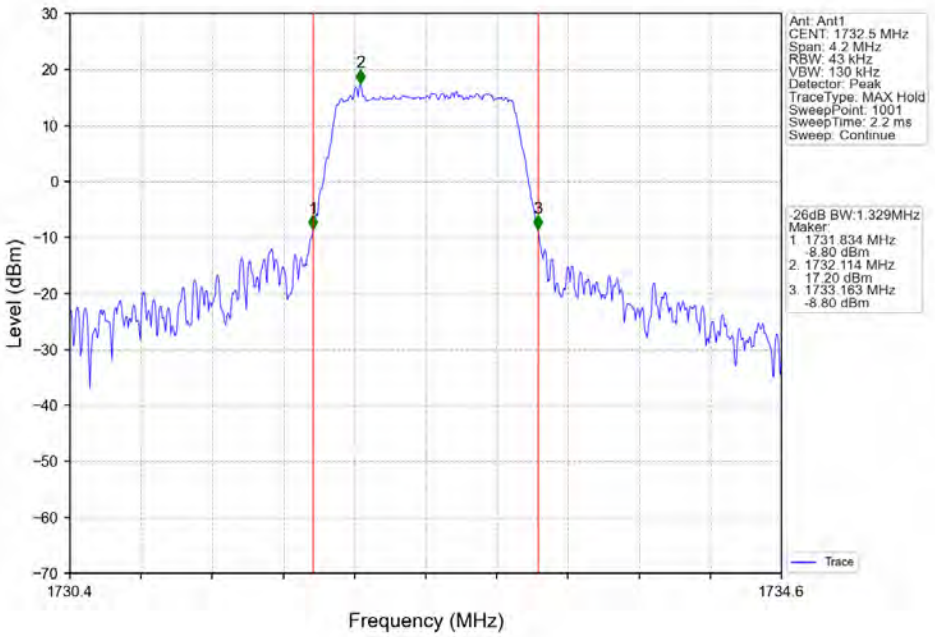


Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

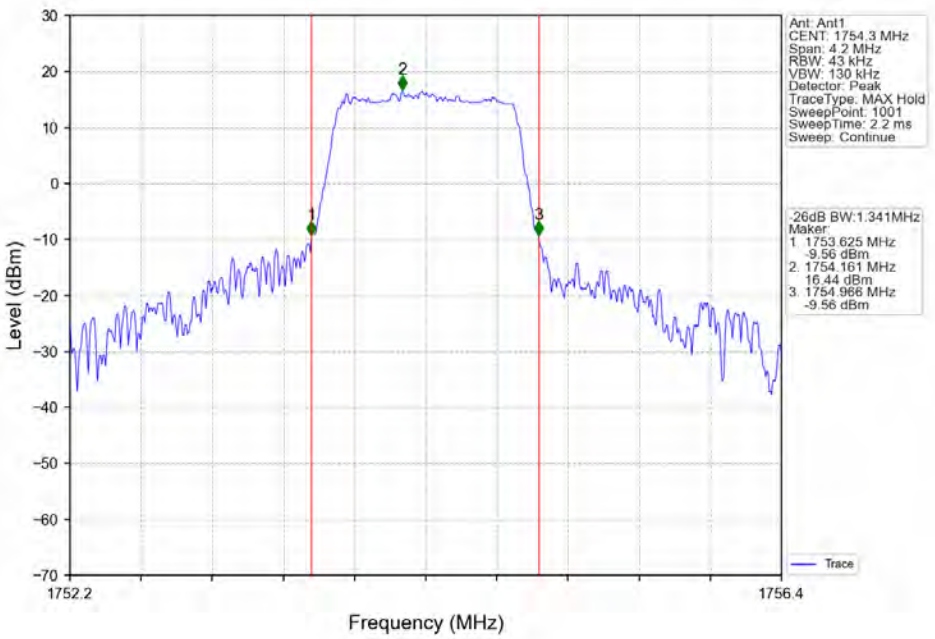


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV


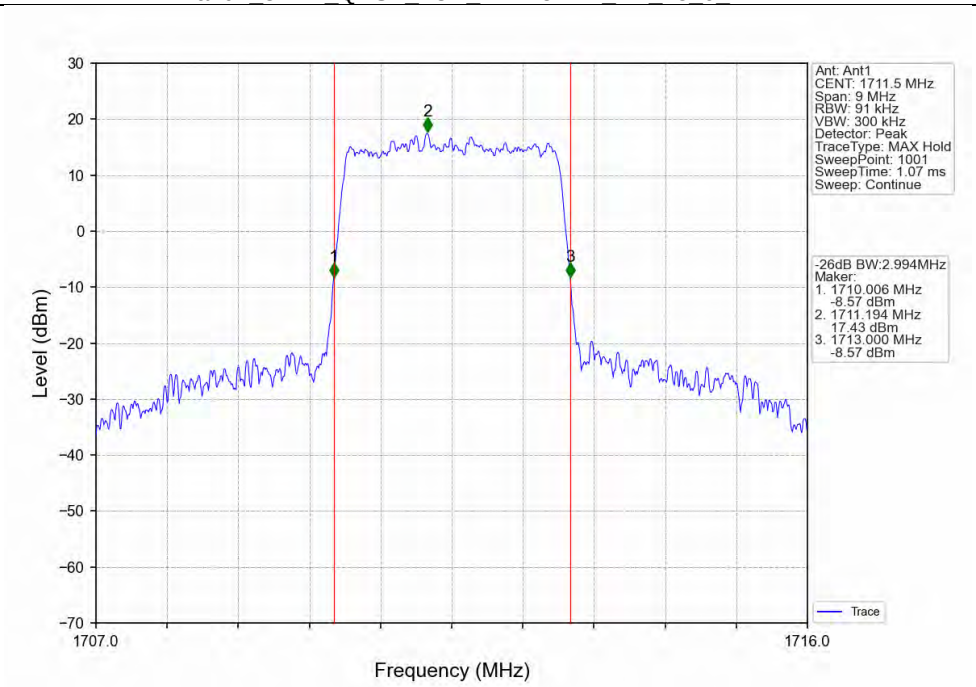
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



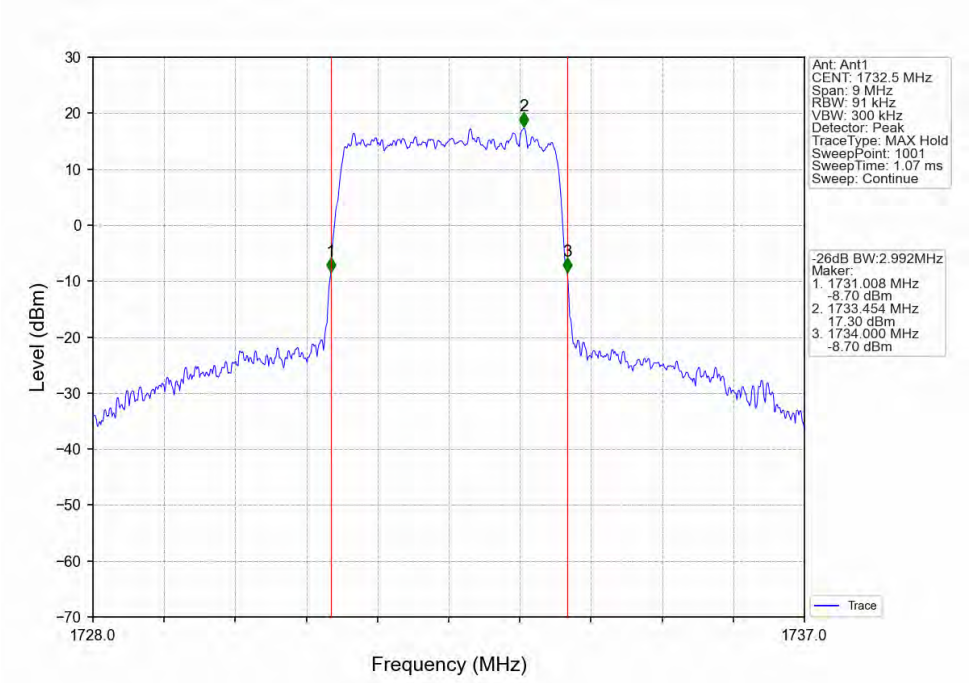
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



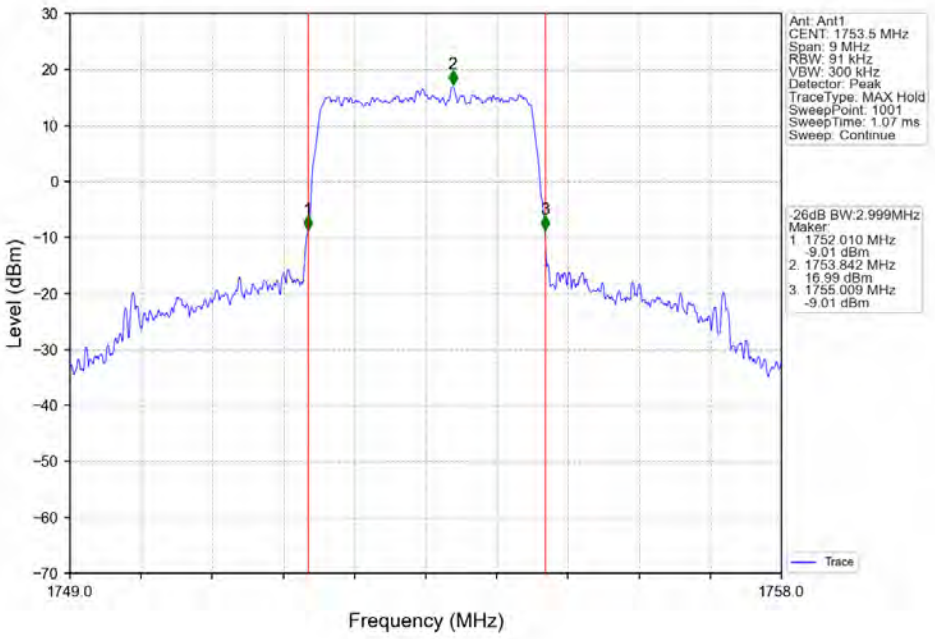
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



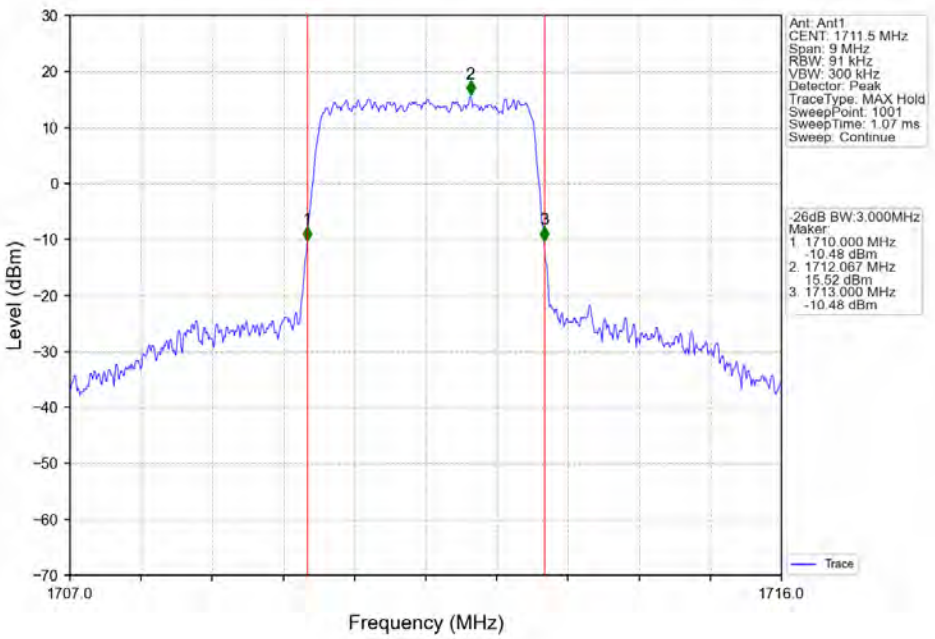
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



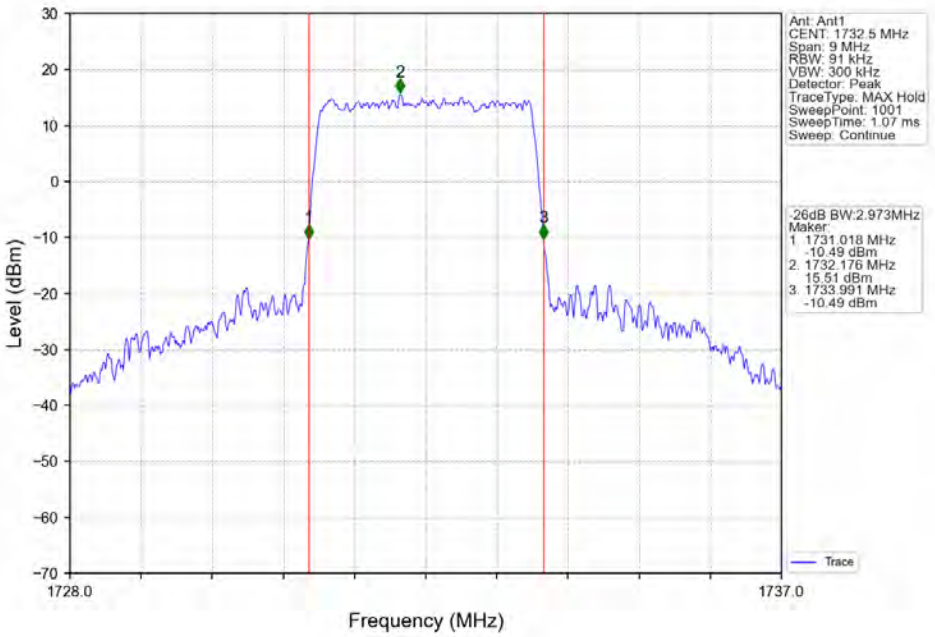
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



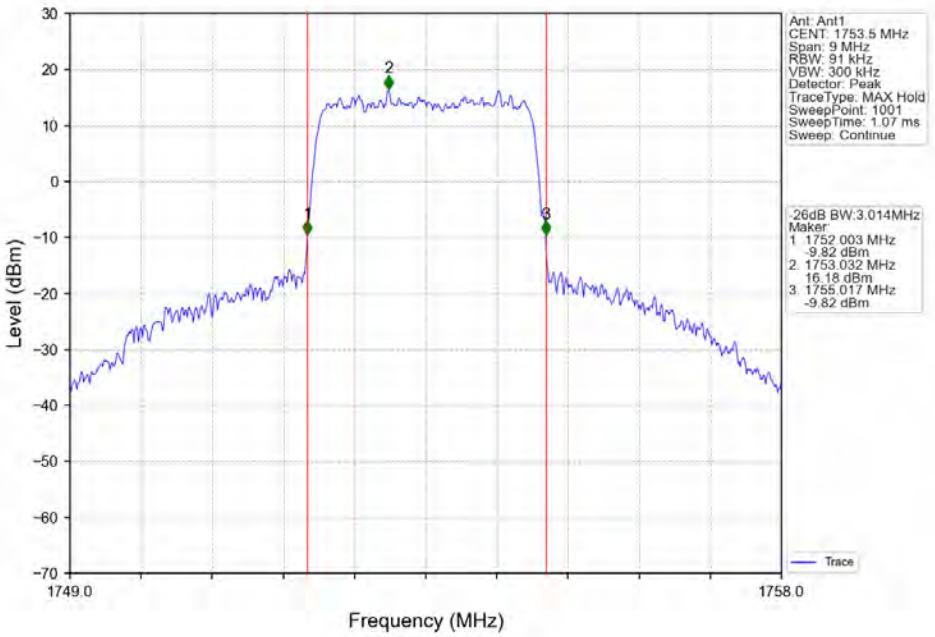
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



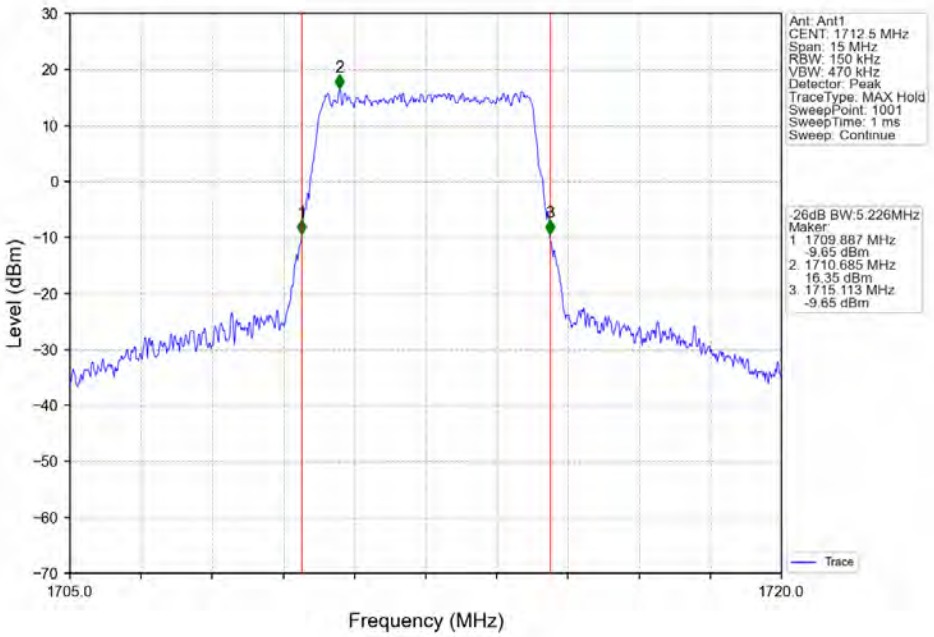
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



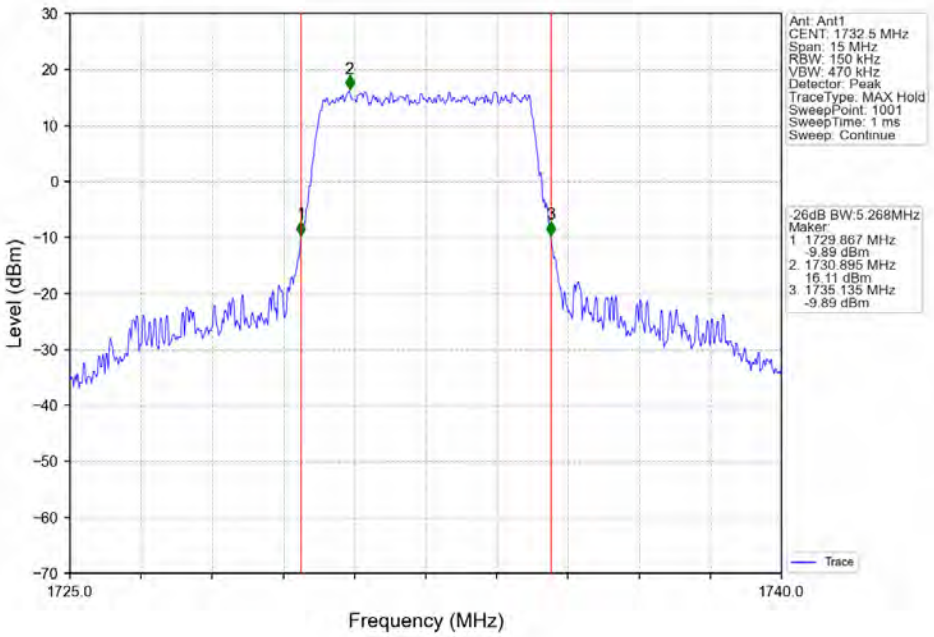
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



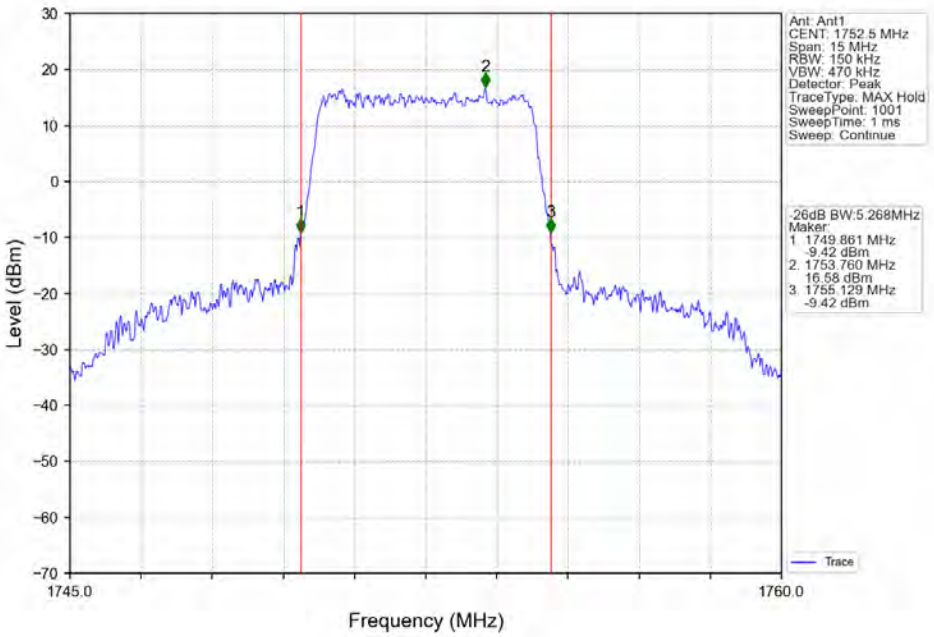
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



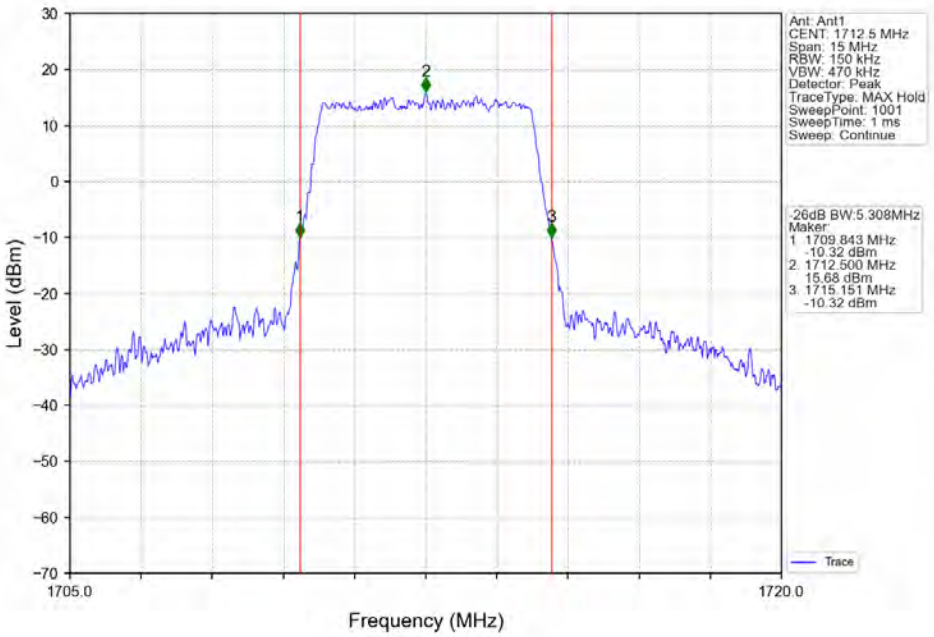
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



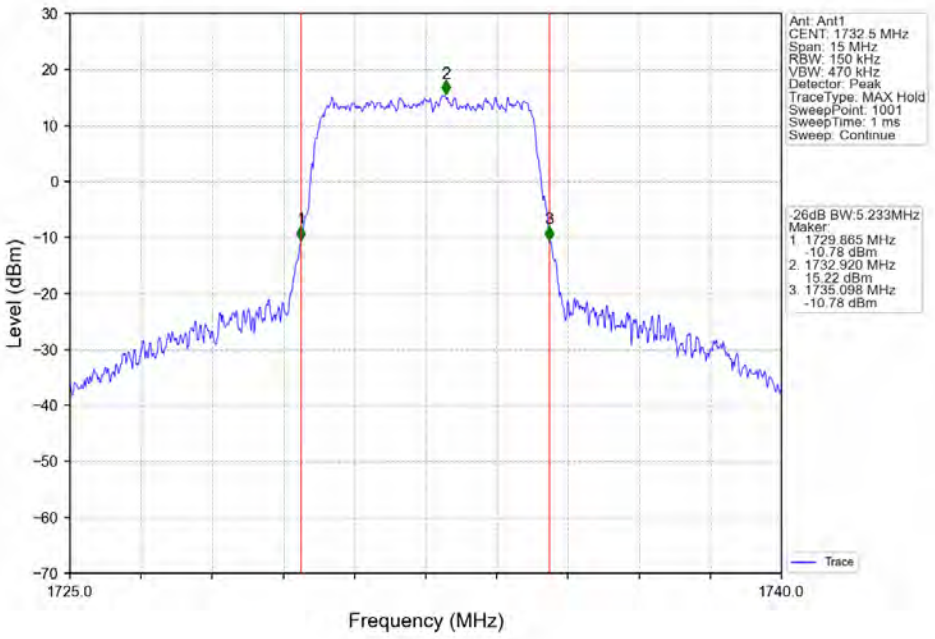
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



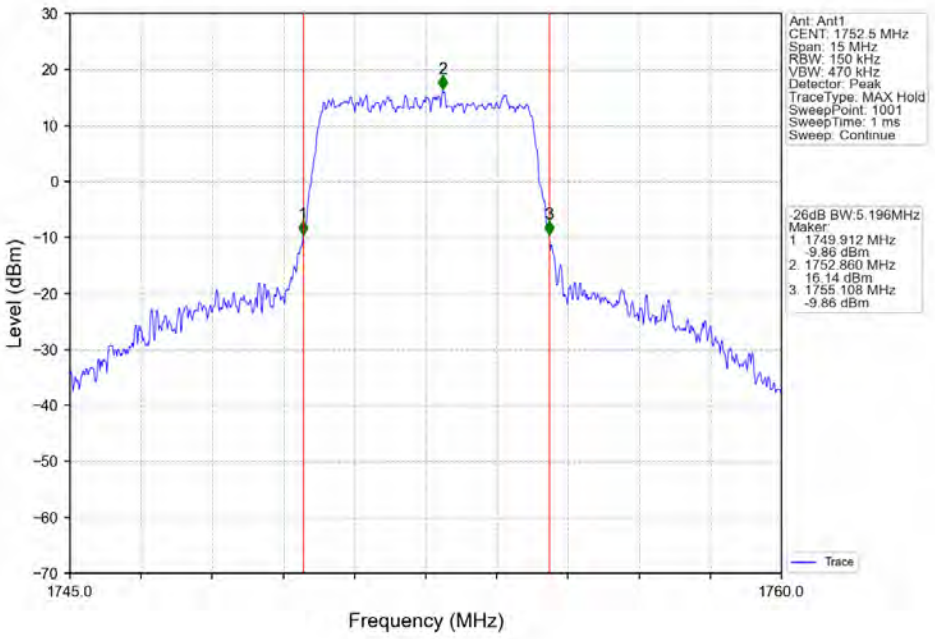
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



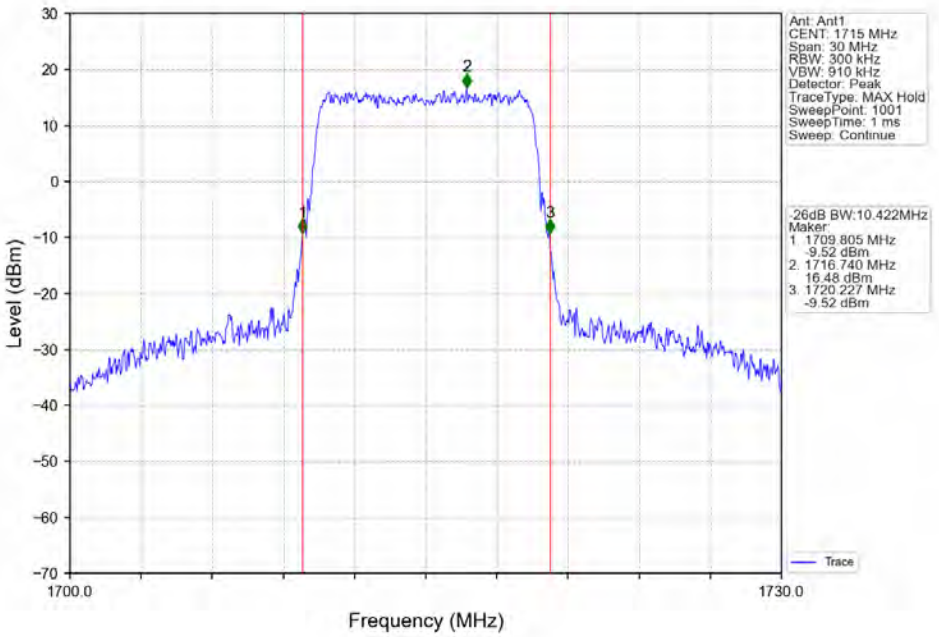
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



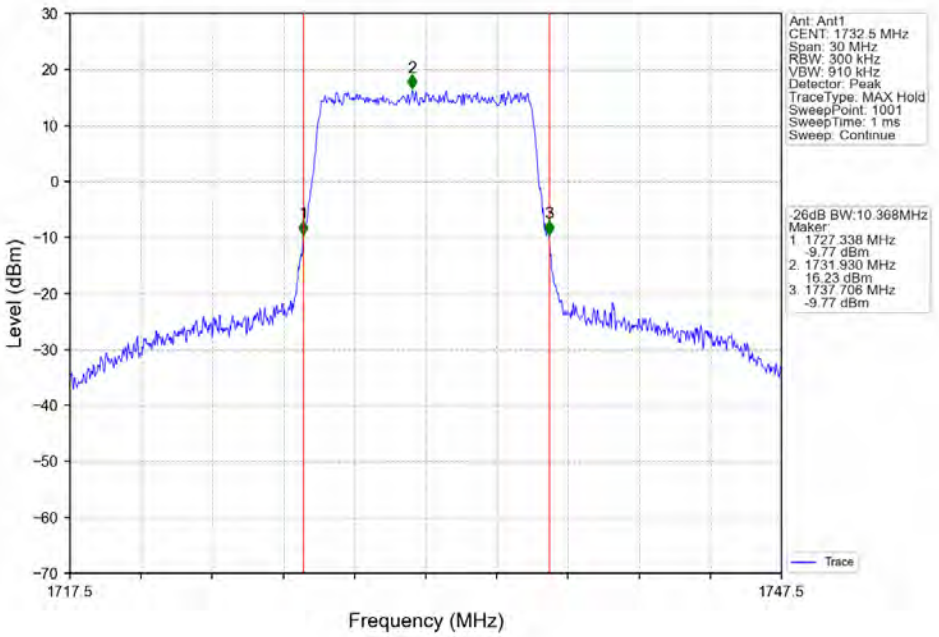
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



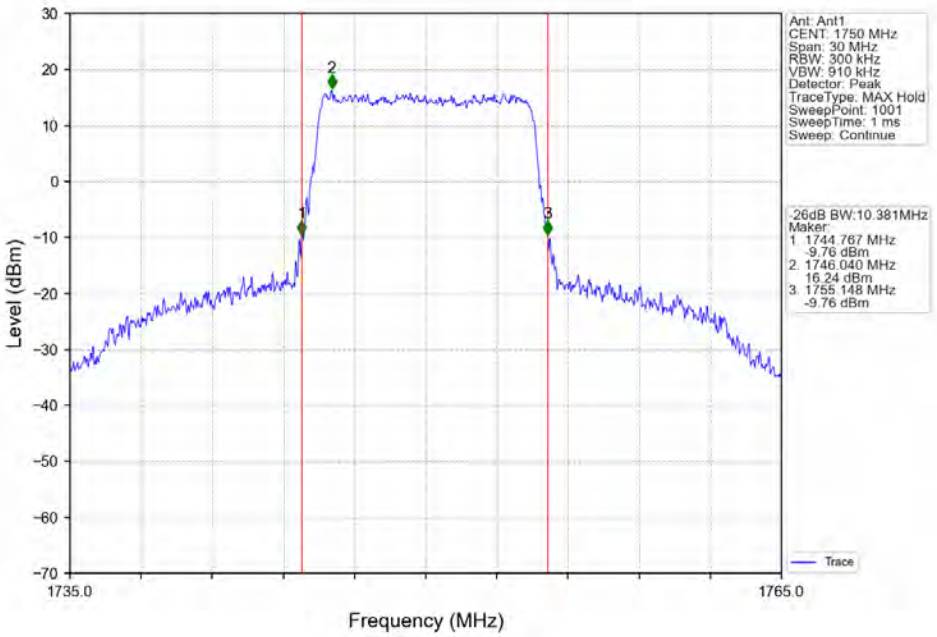
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



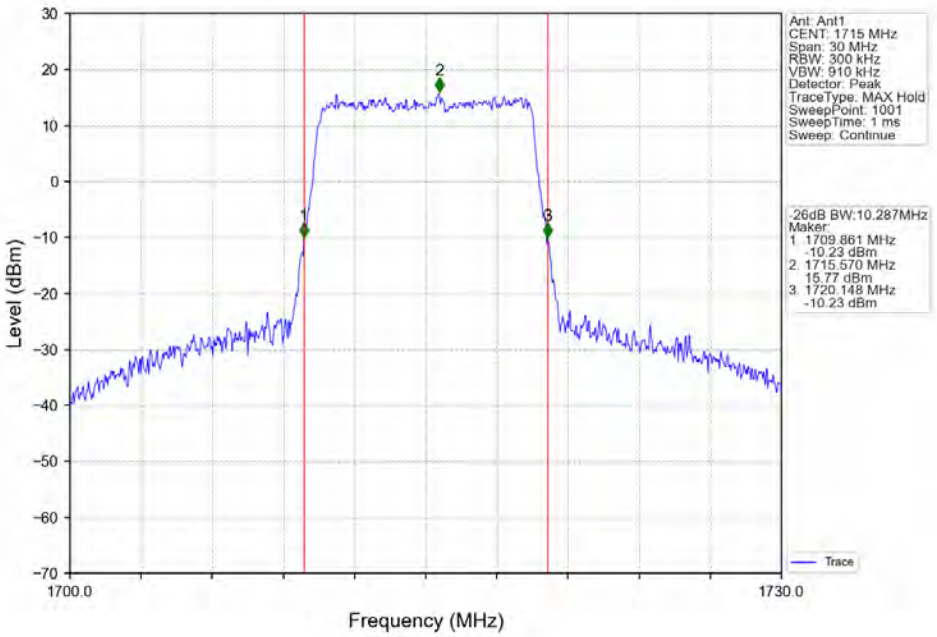
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



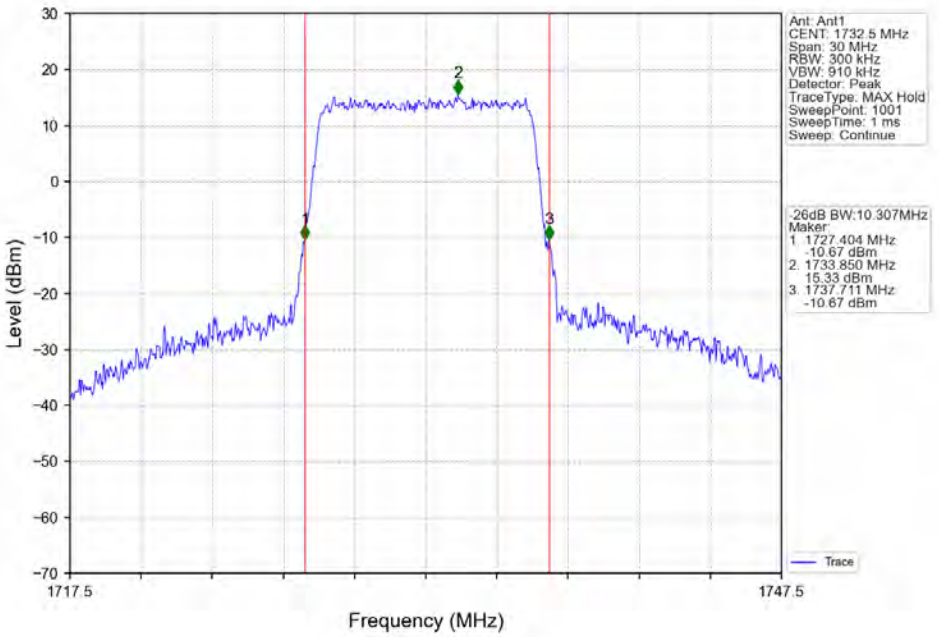
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



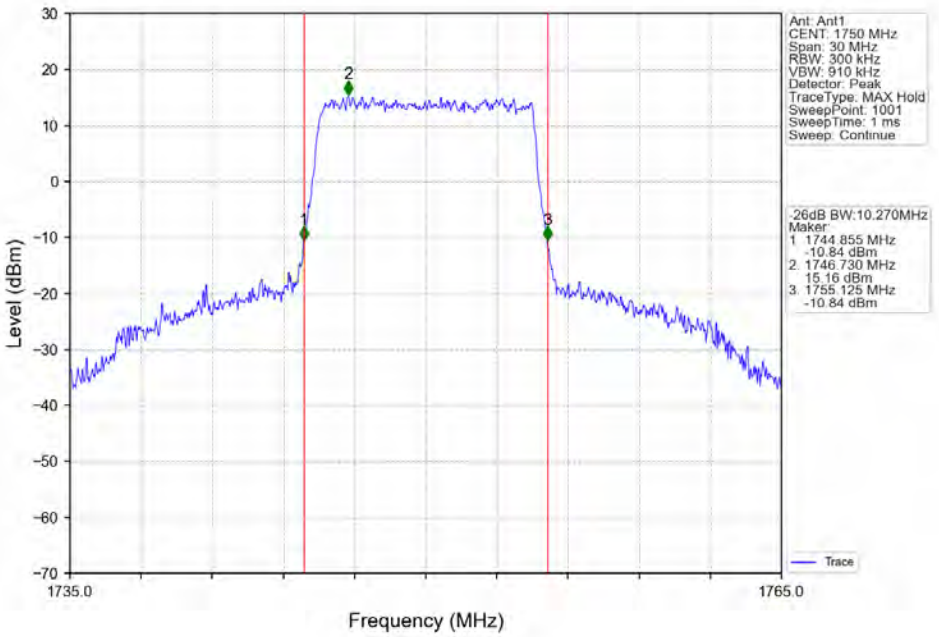
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



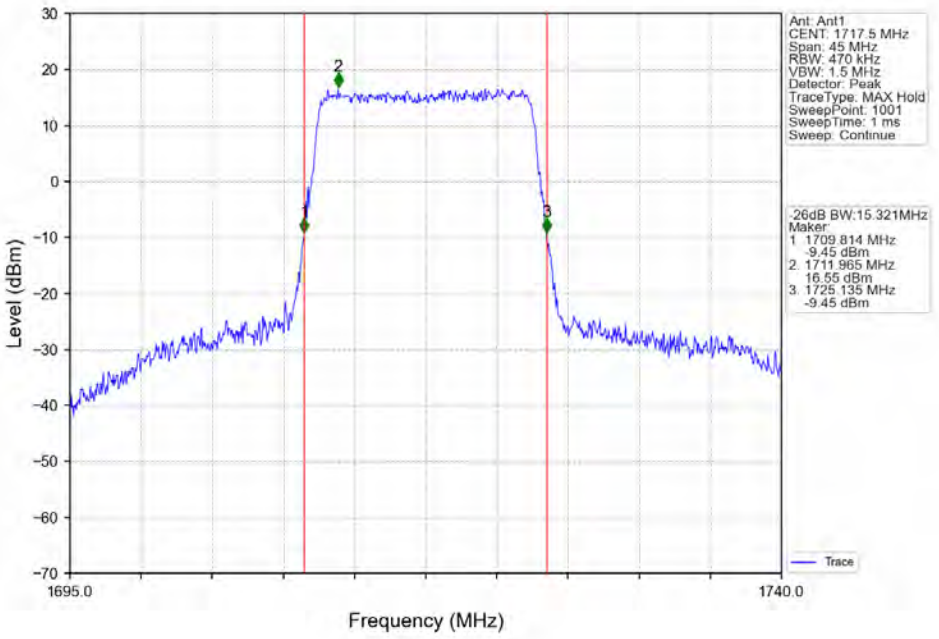
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



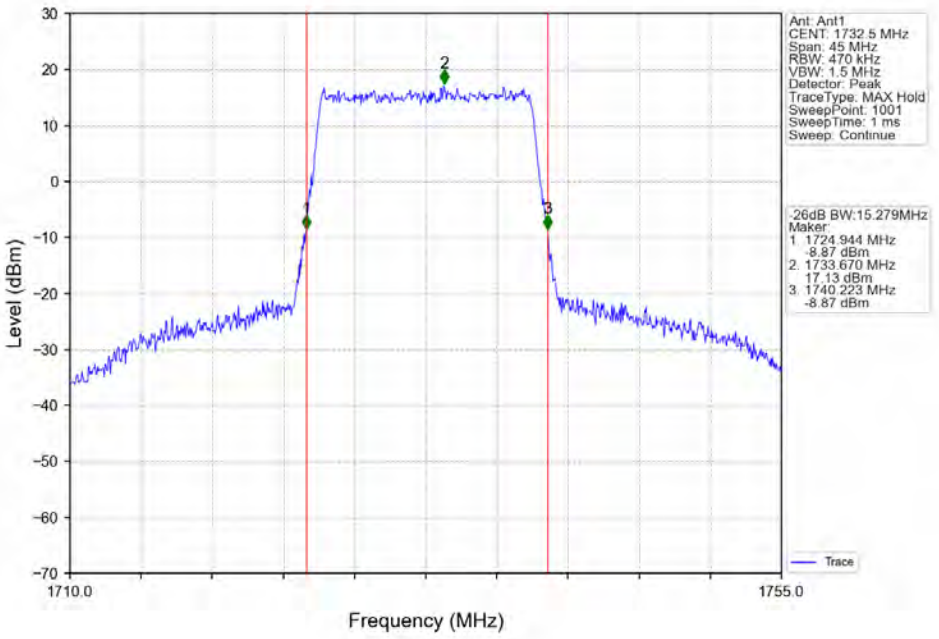
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



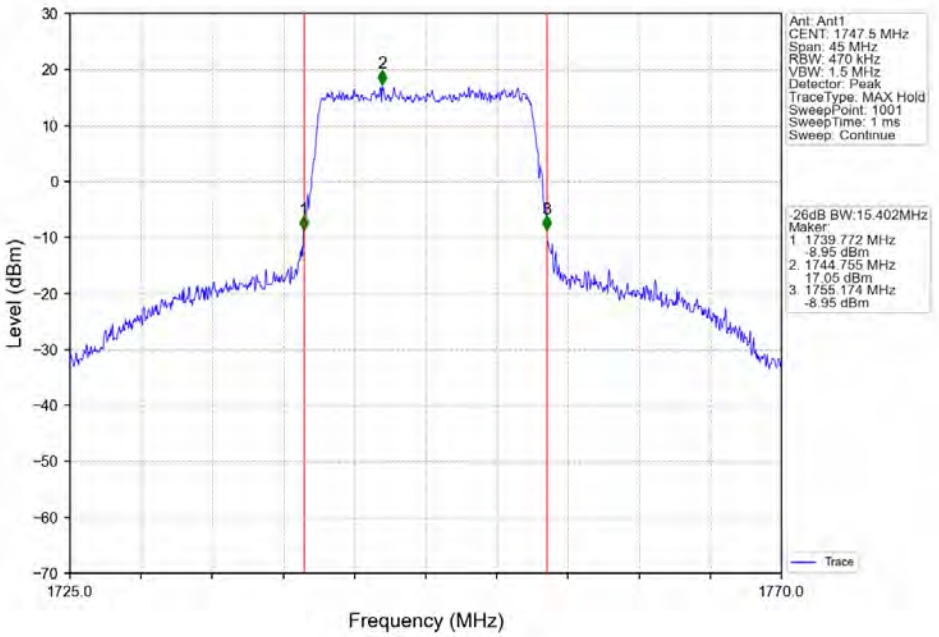
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



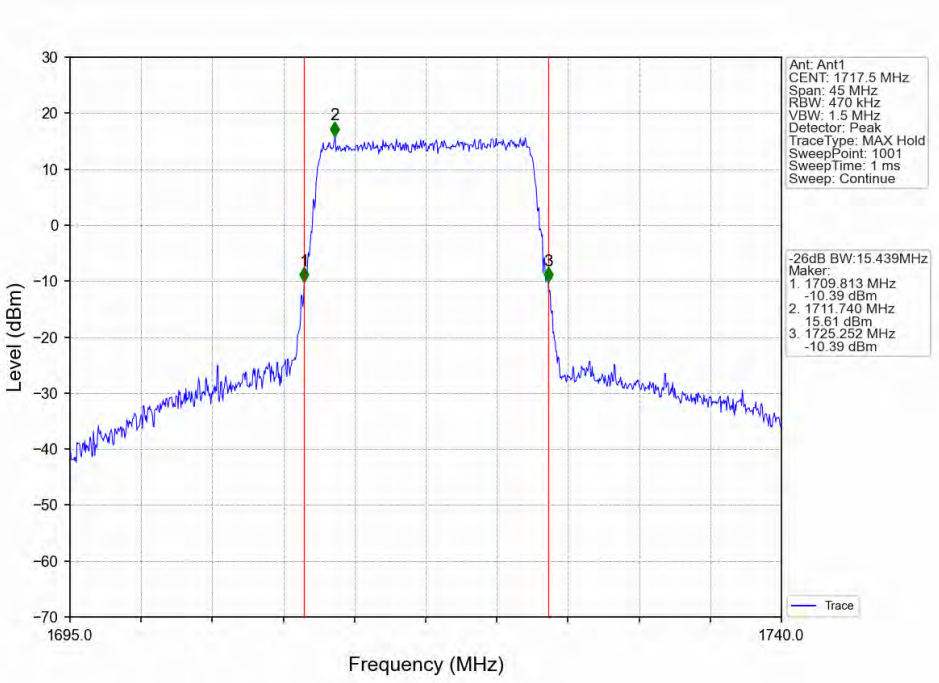
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



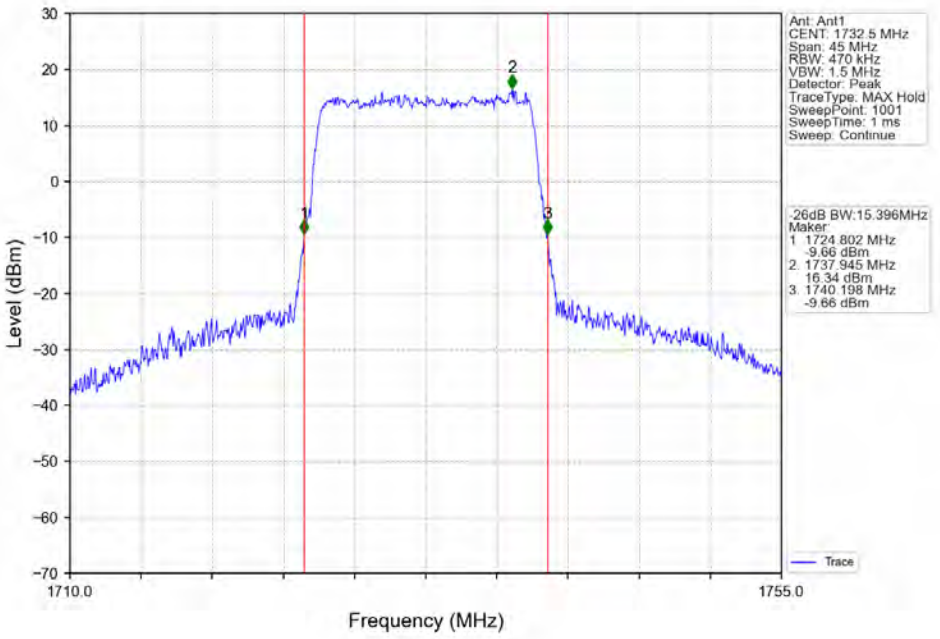
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



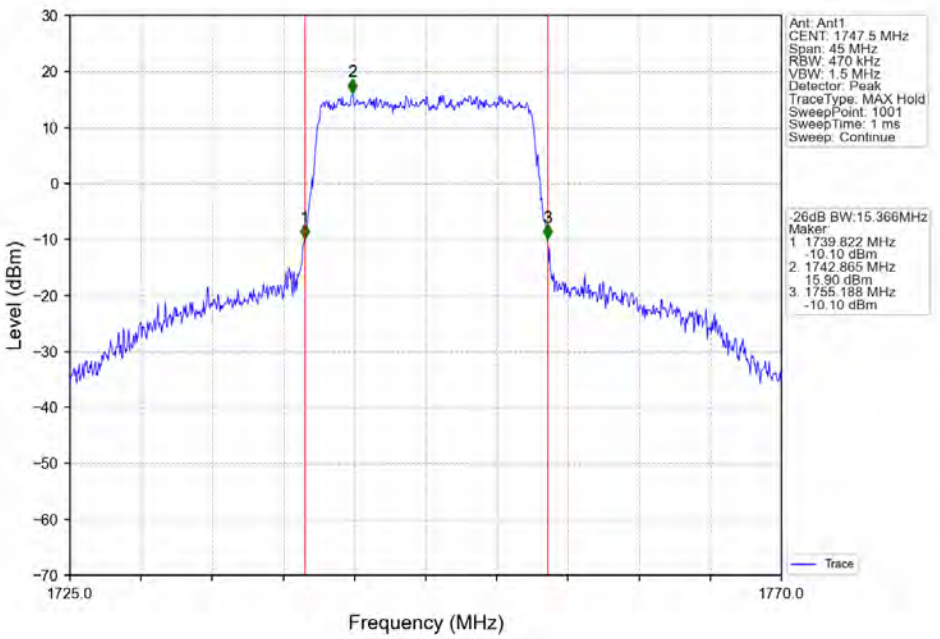
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



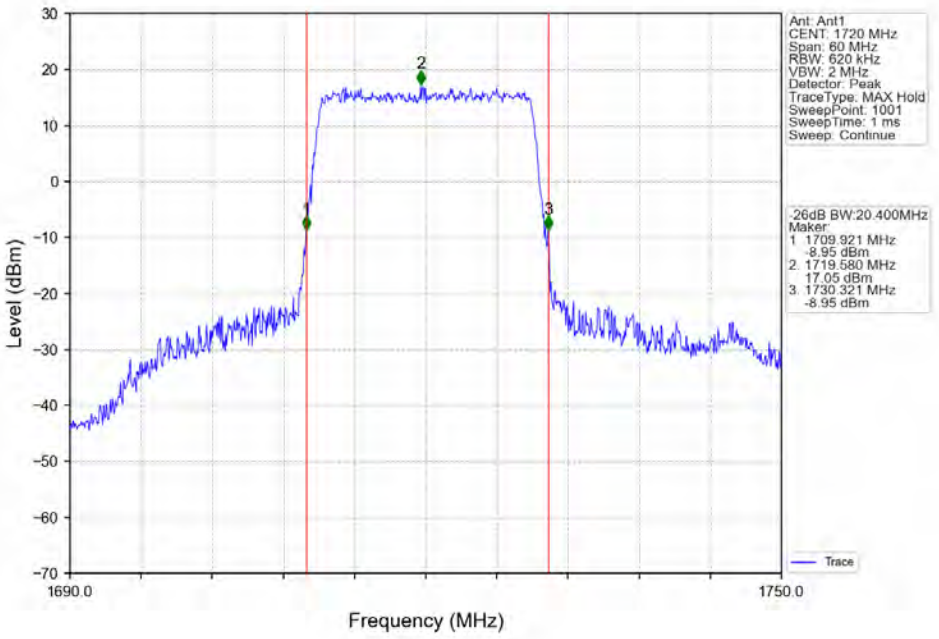
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



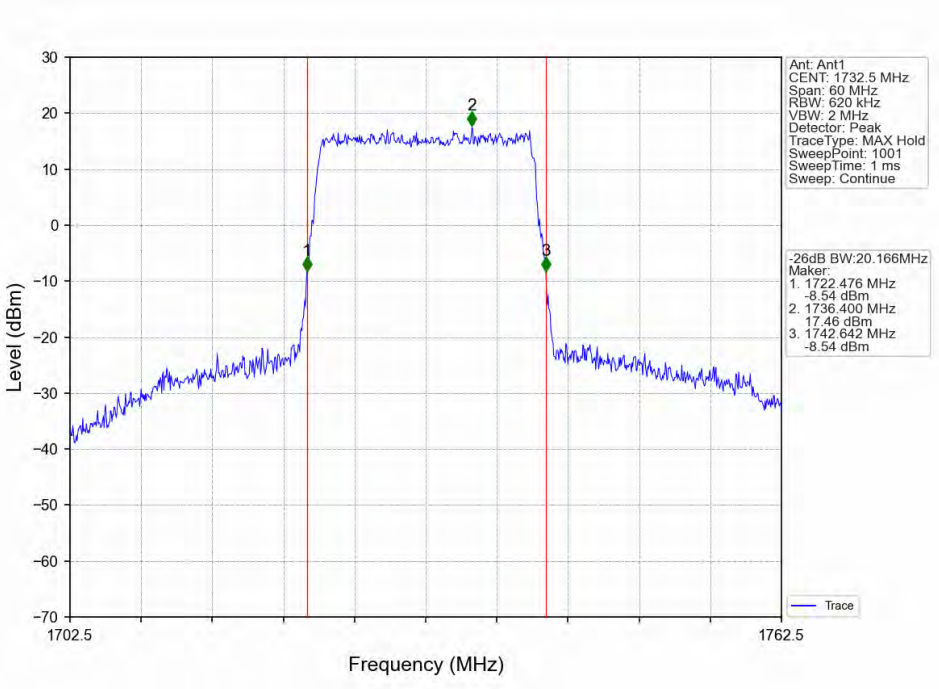
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



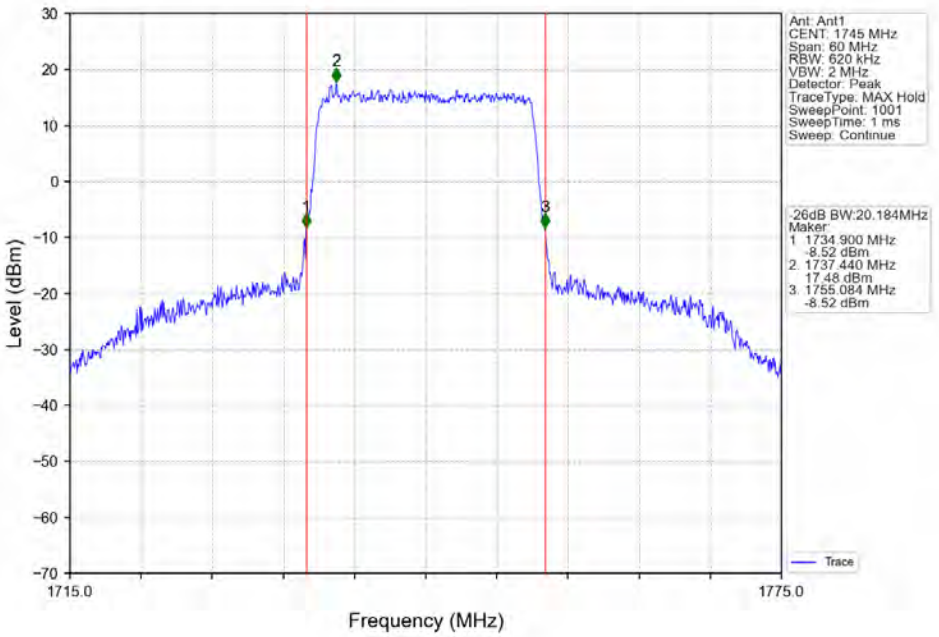
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



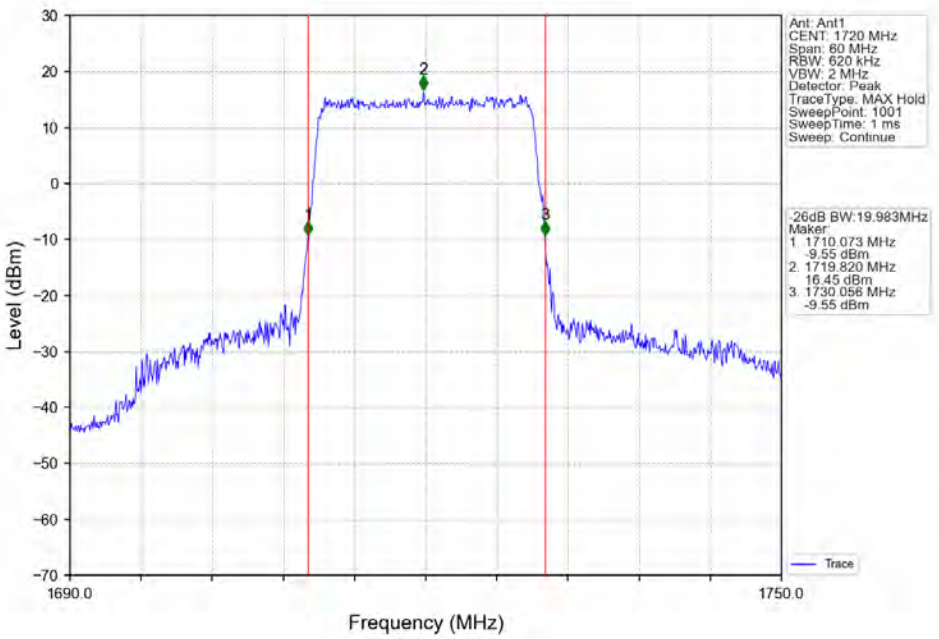
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



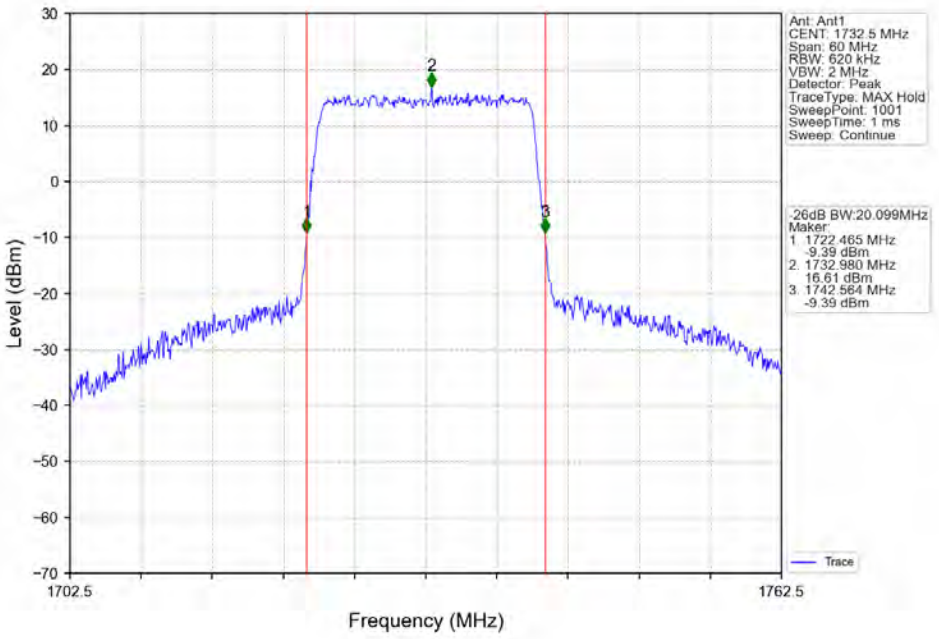
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



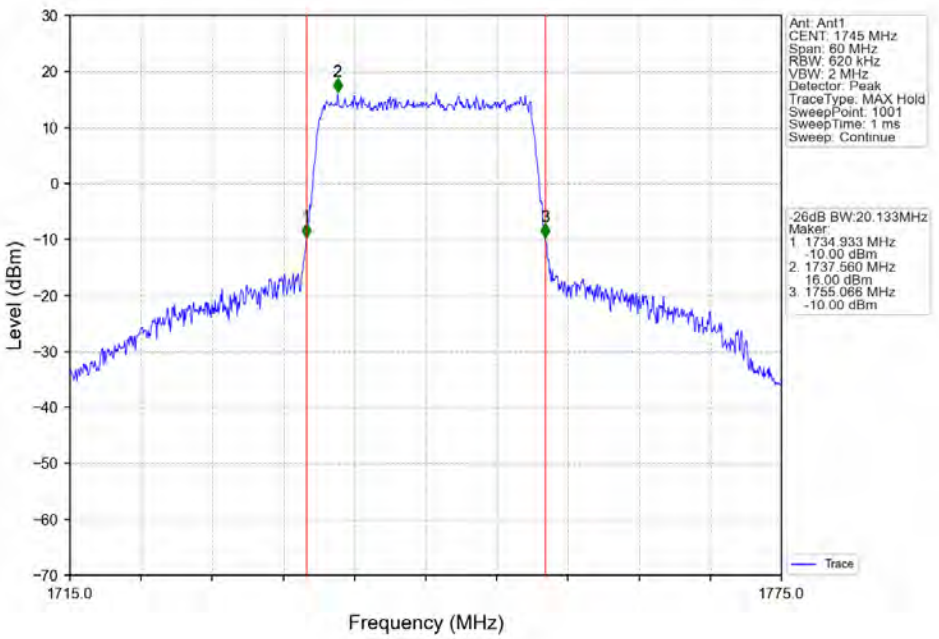
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 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	5.21	<=13	Pass
	1732.5	6	0	5.00	<=13	Pass
	1754.3	6	0	4.53	<=13	Pass
16QAM	1710.7	6	0	5.99	<=13	Pass
	1732.5	6	0	5.89	<=13	Pass
	1754.3	6	0	5.43	<=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	5.20	<=13	Pass
	1732.5	15	0	5.14	<=13	Pass
	1753.5	15	0	4.81	<=13	Pass
16QAM	1711.5	15	0	6.18	<=13	Pass
	1732.5	15	0	6.00	<=13	Pass
	1753.5	15	0	5.64	<=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	5.56	<=13	Pass
	1732.5	25	0	5.47	<=13	Pass
	1752.5	25	0	5.16	<=13	Pass
16QAM	1712.5	25	0	6.28	<=13	Pass
	1732.5	25	0	6.16	<=13	Pass
	1752.5	25	0	5.86	<=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	5.62	<=13	Pass
	1732.5	50	0	5.45	<=13	Pass
	1750	50	0	5.16	<=13	Pass

16QAM	1715	50	0	6.37	<=13	Pass
	1732.5	50	0	6.21	<=13	Pass
	1750	50	0	5.88	<=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	4.83	<=13	Pass
	1732.5	75	0	4.86	<=13	Pass
	1747.5	75	0	4.88	<=13	Pass
16QAM	1717.5	75	0	6.23	<=13	Pass
	1732.5	75	0	6.11	<=13	Pass
	1747.5	75	0	6.07	<=13	Pass

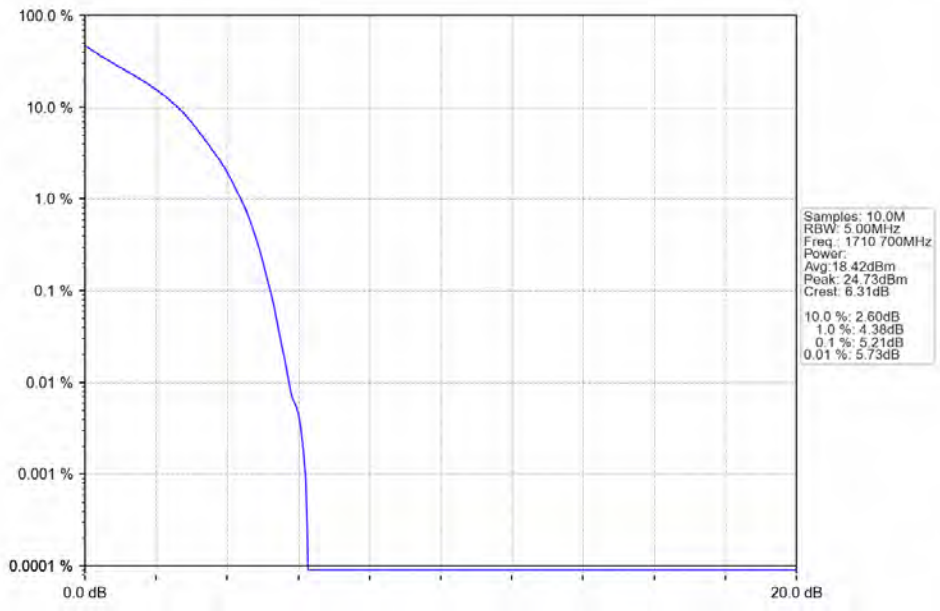
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.65	<=13	Pass
	1732.5	100	0	5.64	<=13	Pass
	1745	100	0	5.59	<=13	Pass
16QAM	1720	100	0	6.70	<=13	Pass
	1732.5	100	0	6.70	<=13	Pass
	1745	100	0	6.67	<=13	Pass

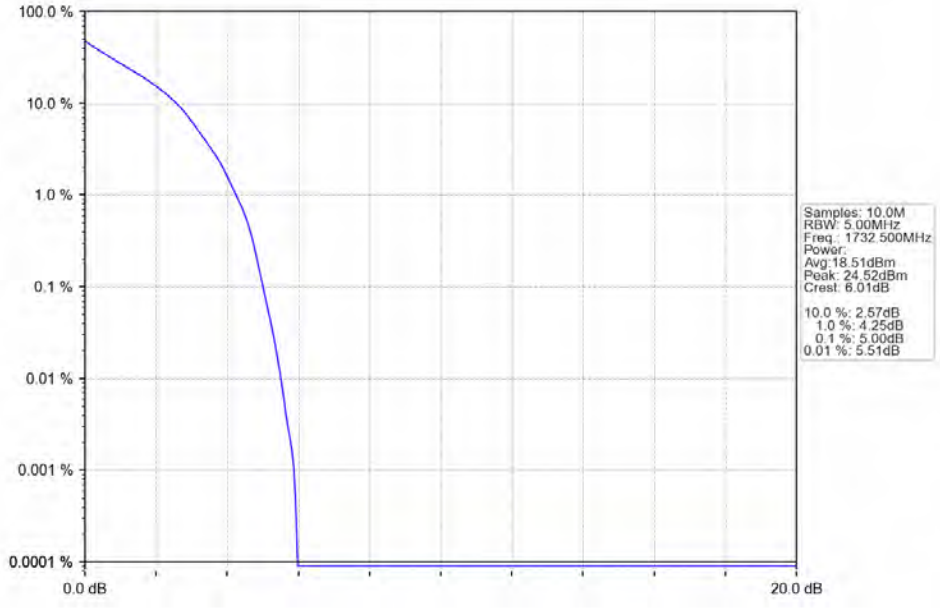
5.2 Test Graph

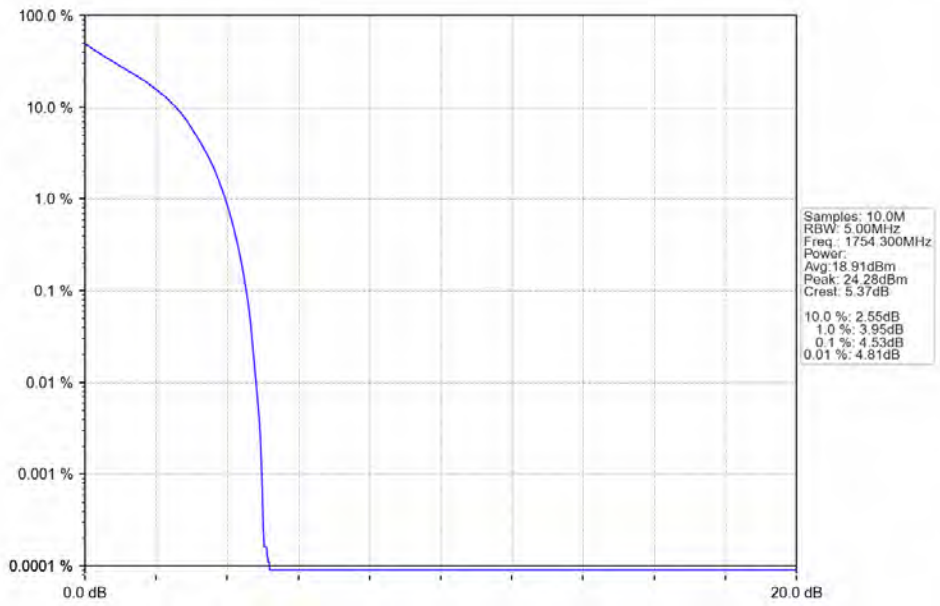
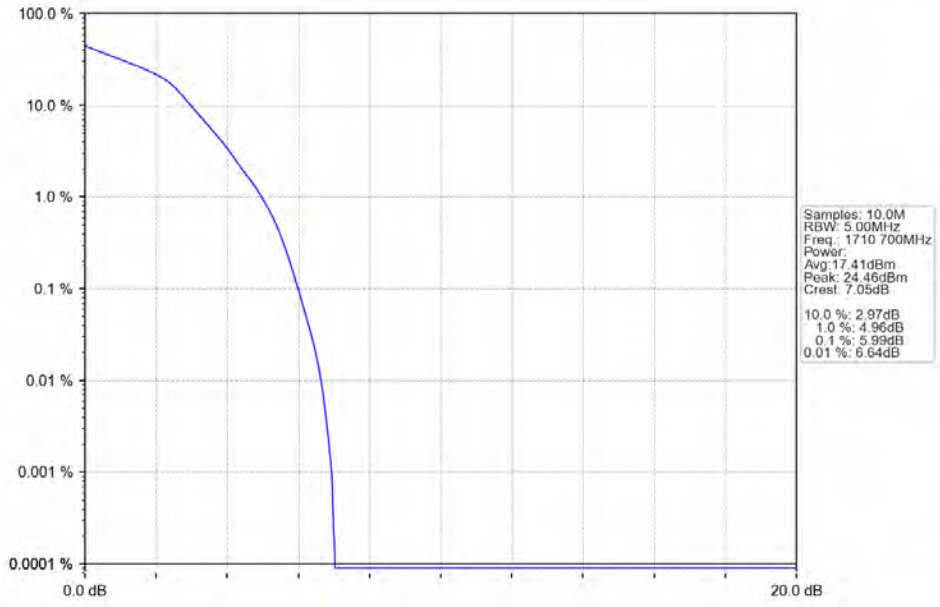
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

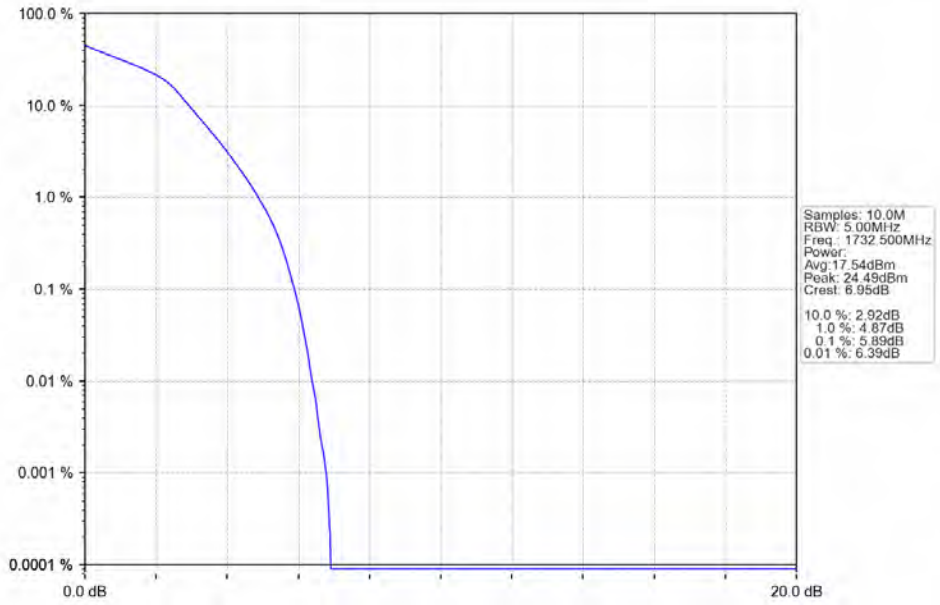


Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

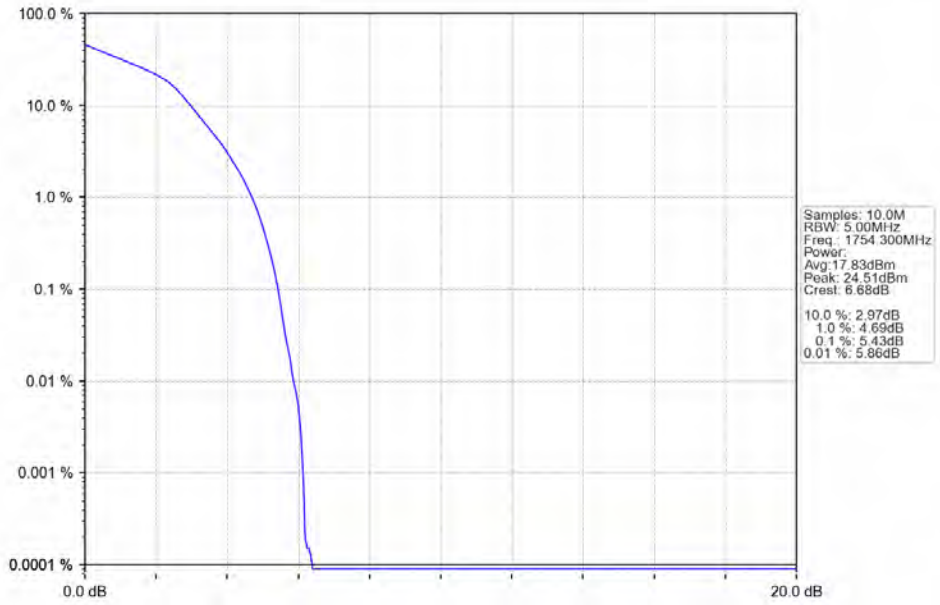


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV


Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

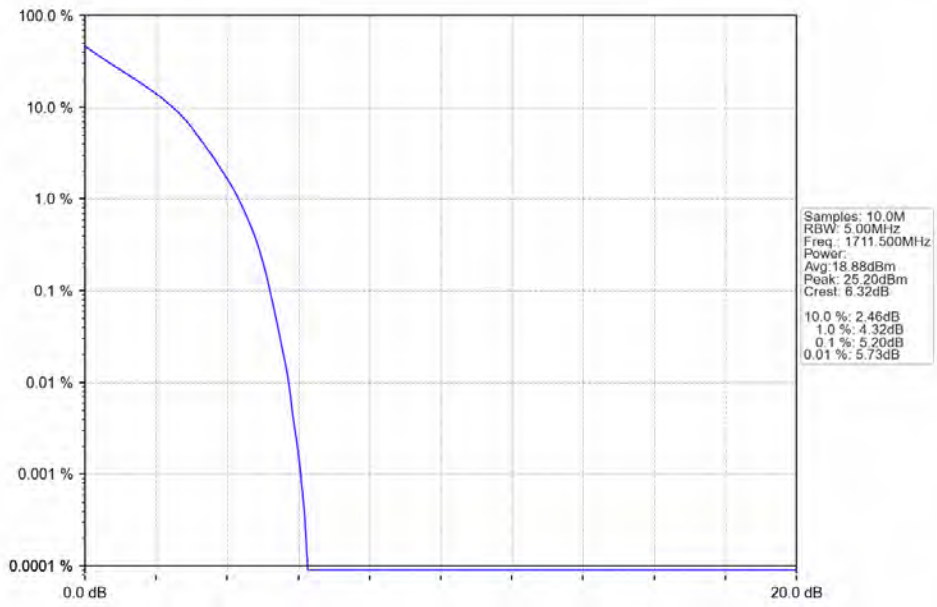


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

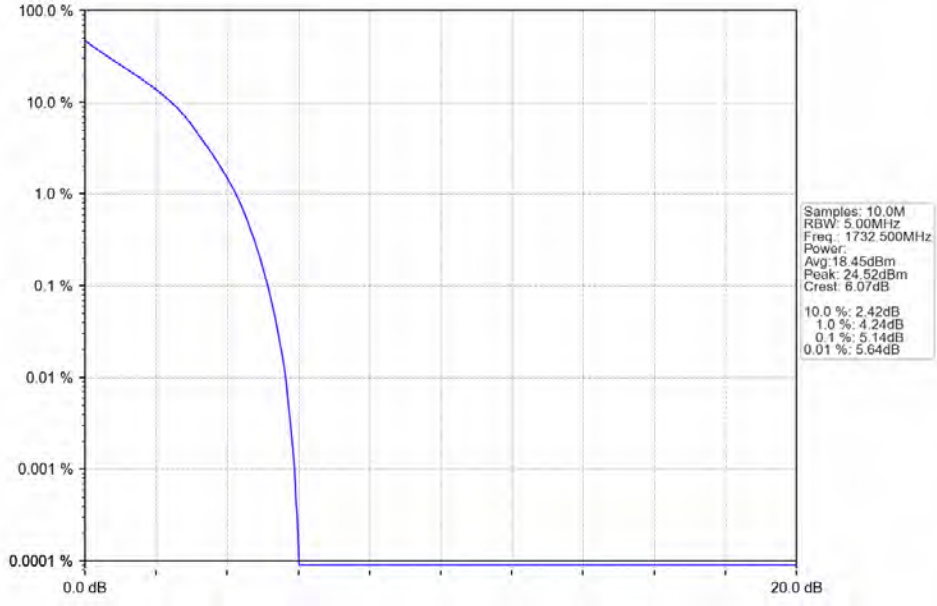


5.2.2 B4_3MHz

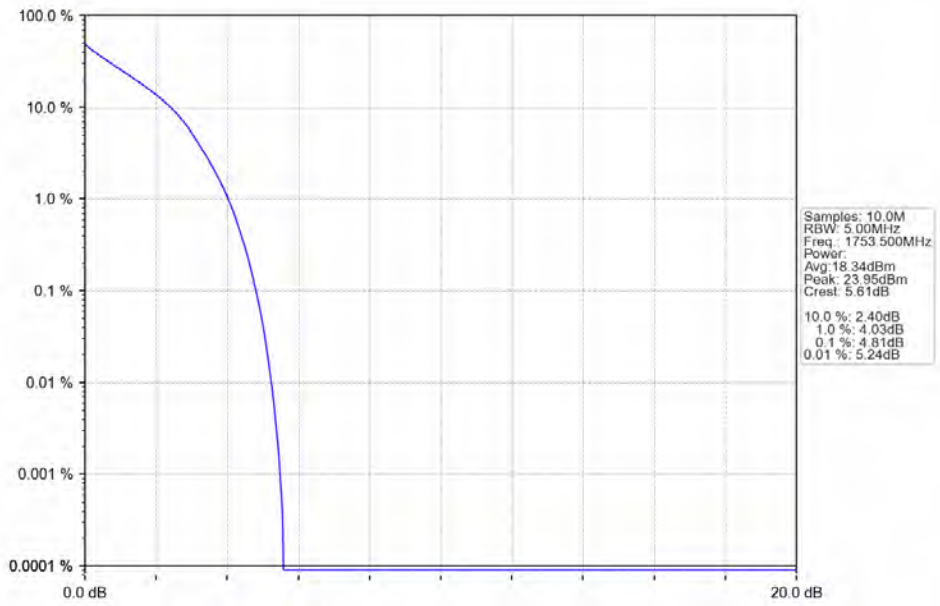
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



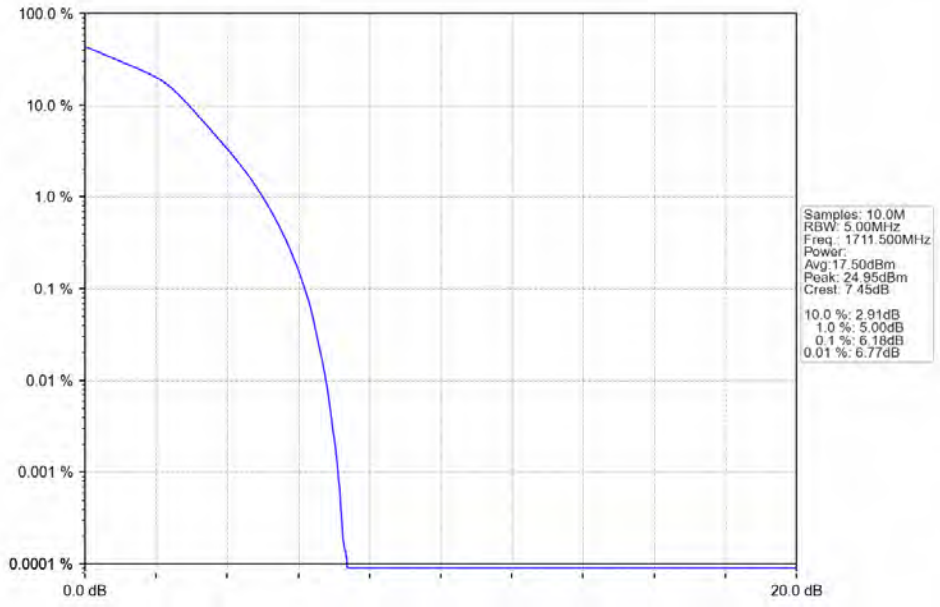
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



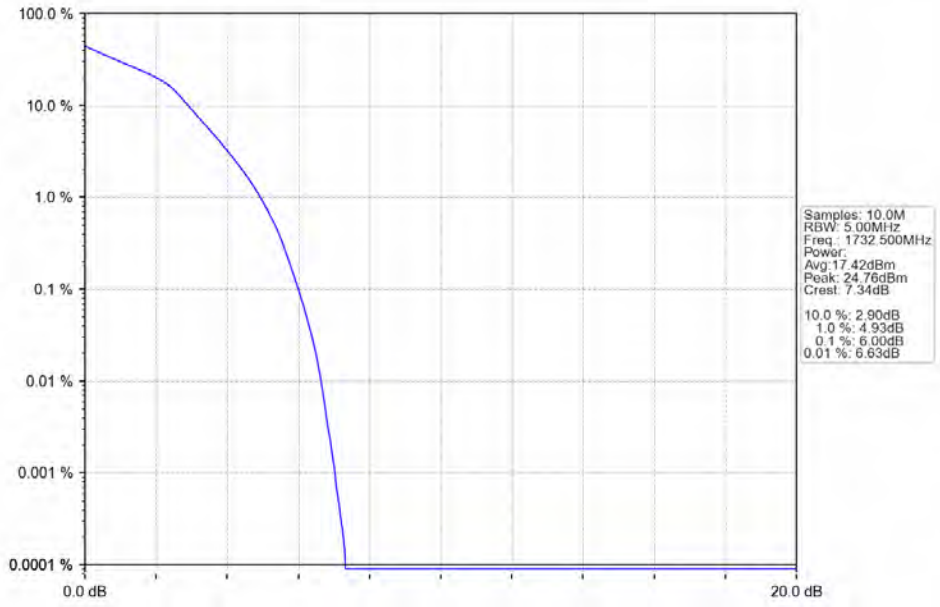
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



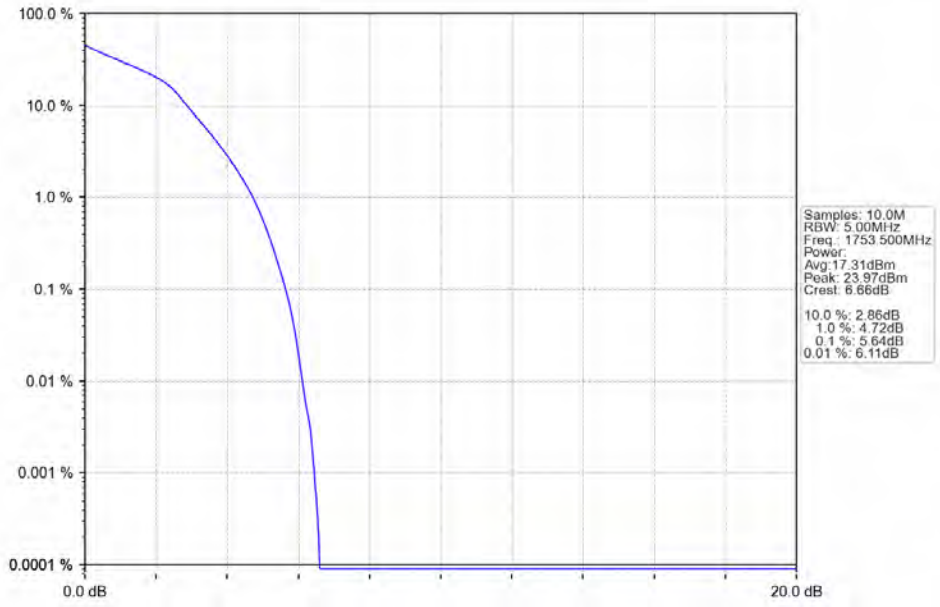
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

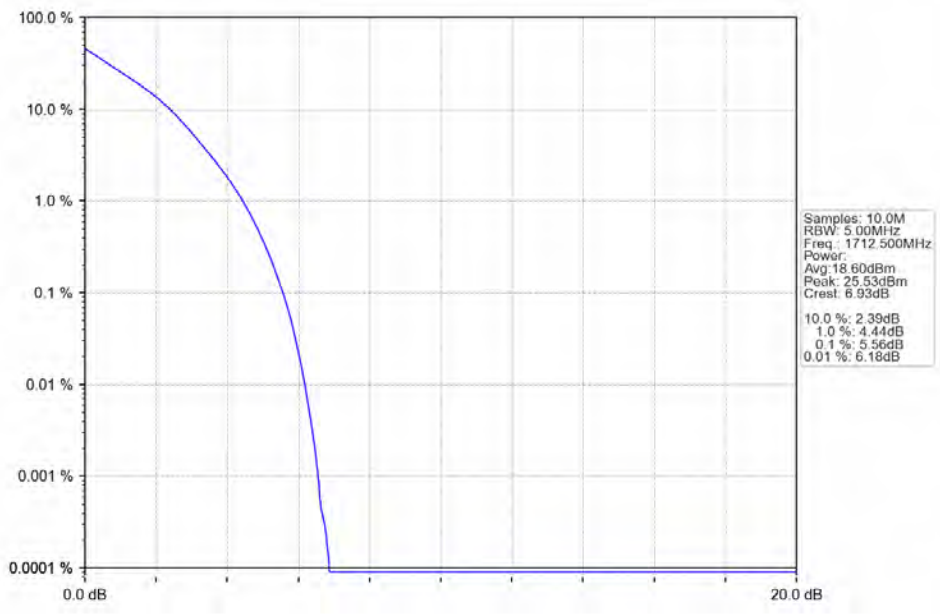


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

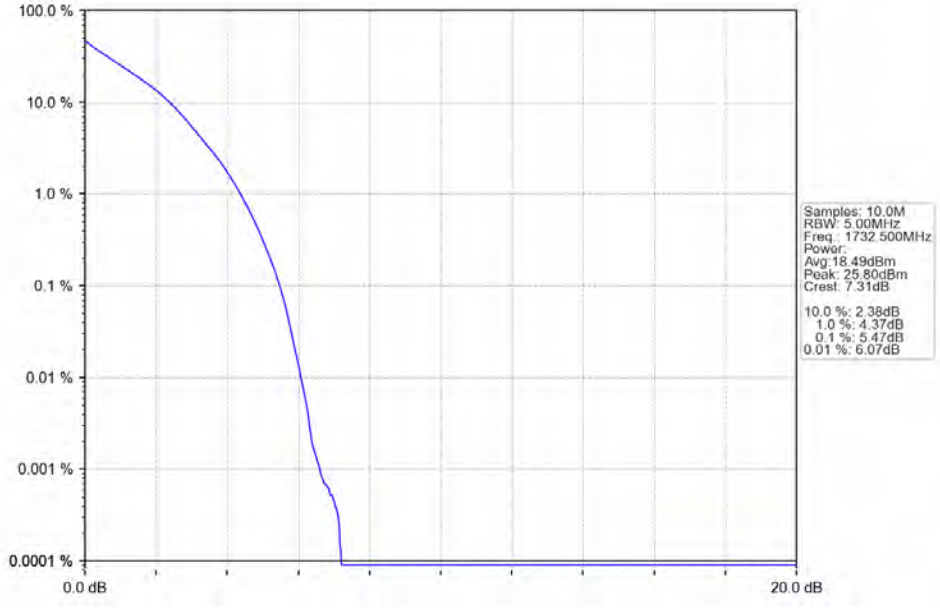


5.2.3 B4_5MHz

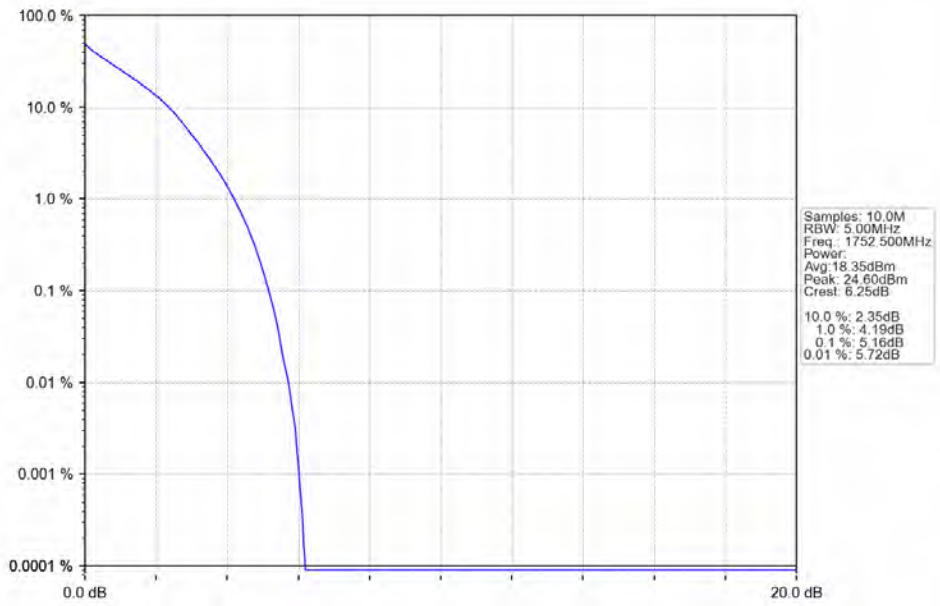
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



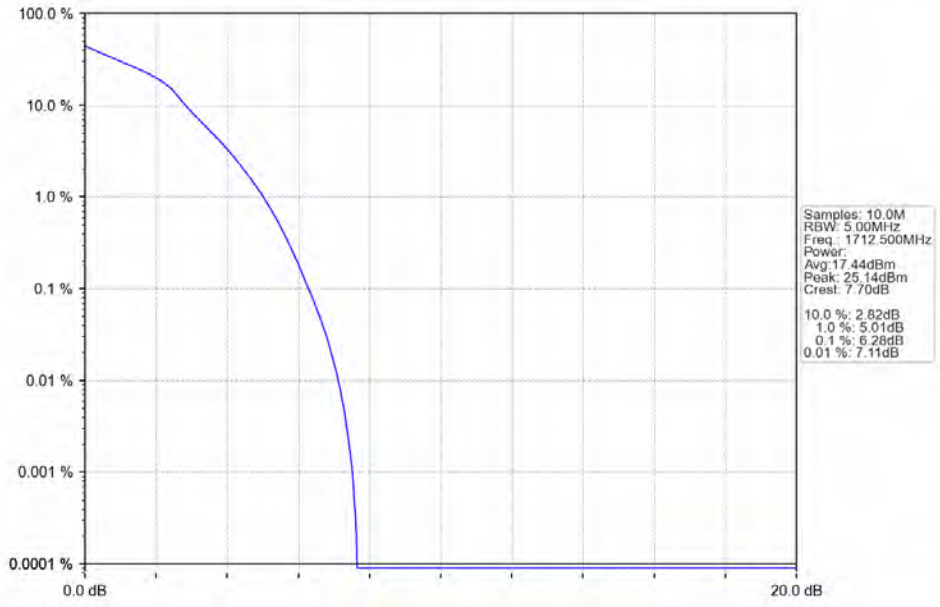
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



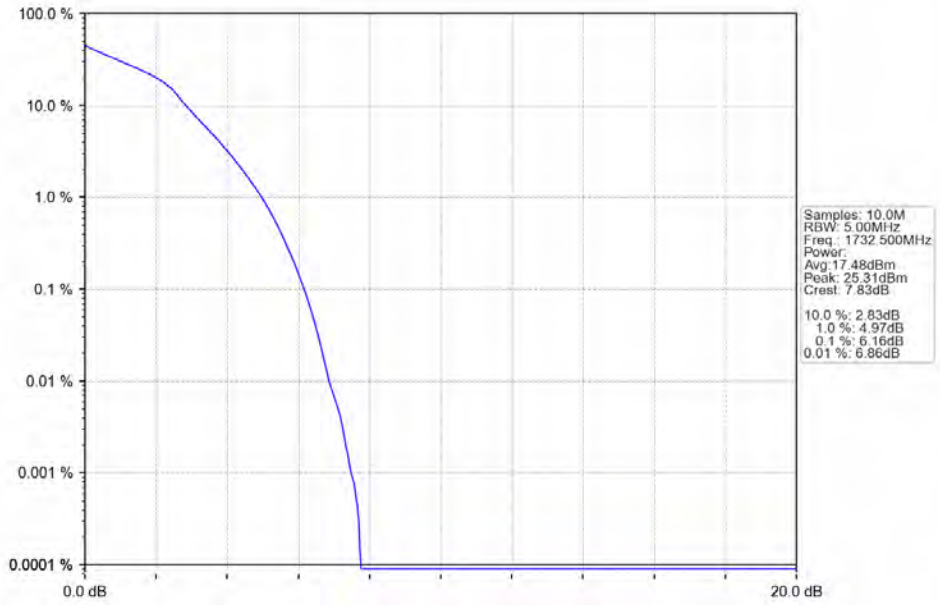
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



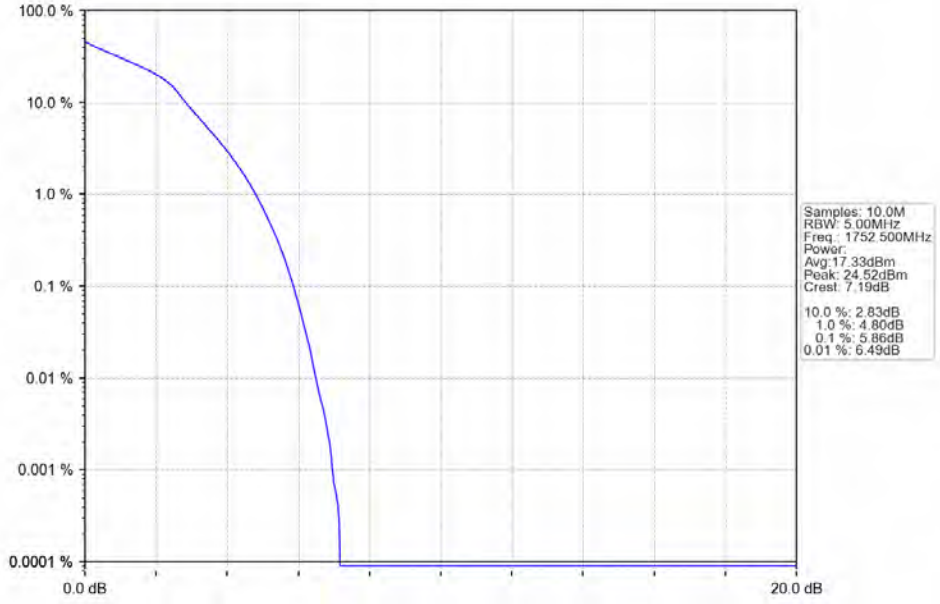
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

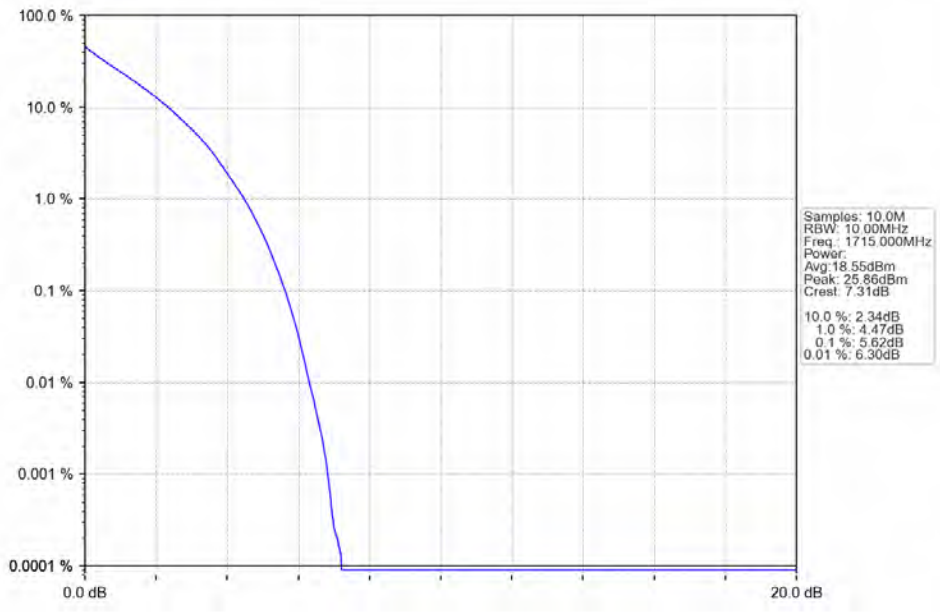


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

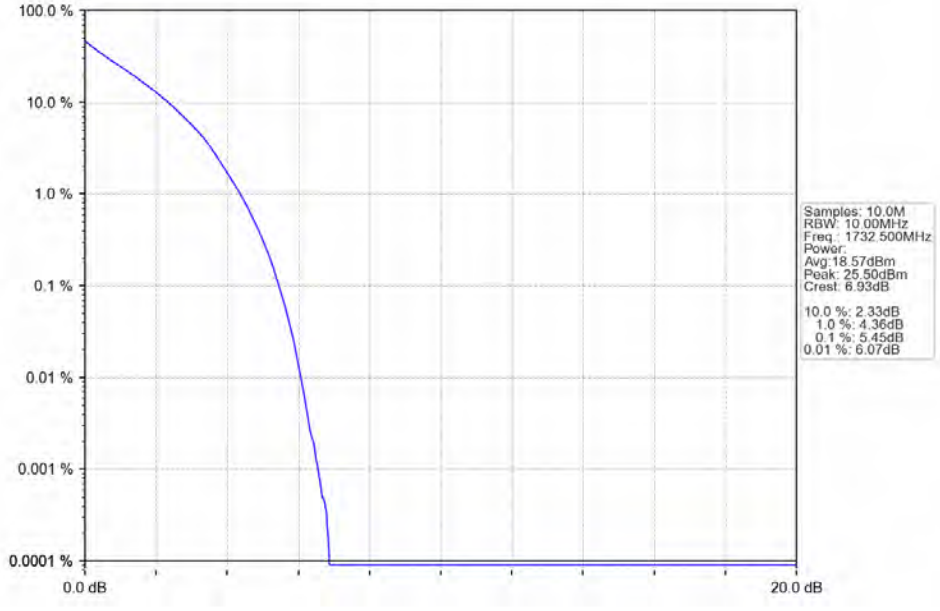


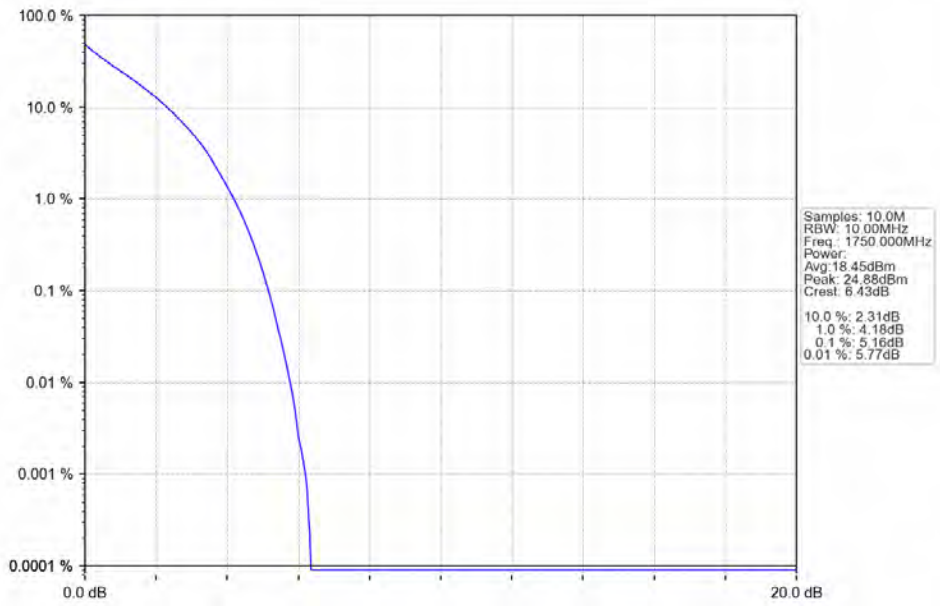
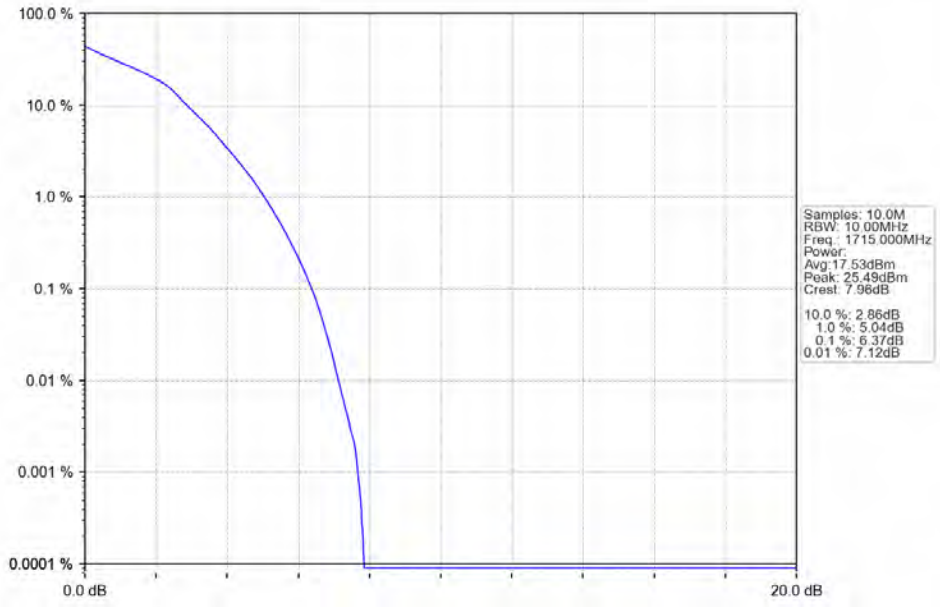
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

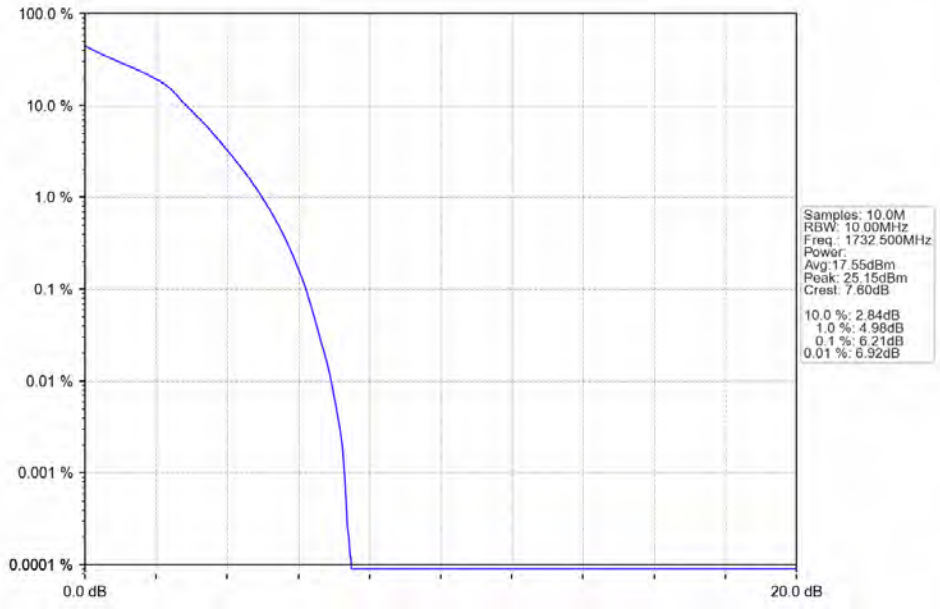


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

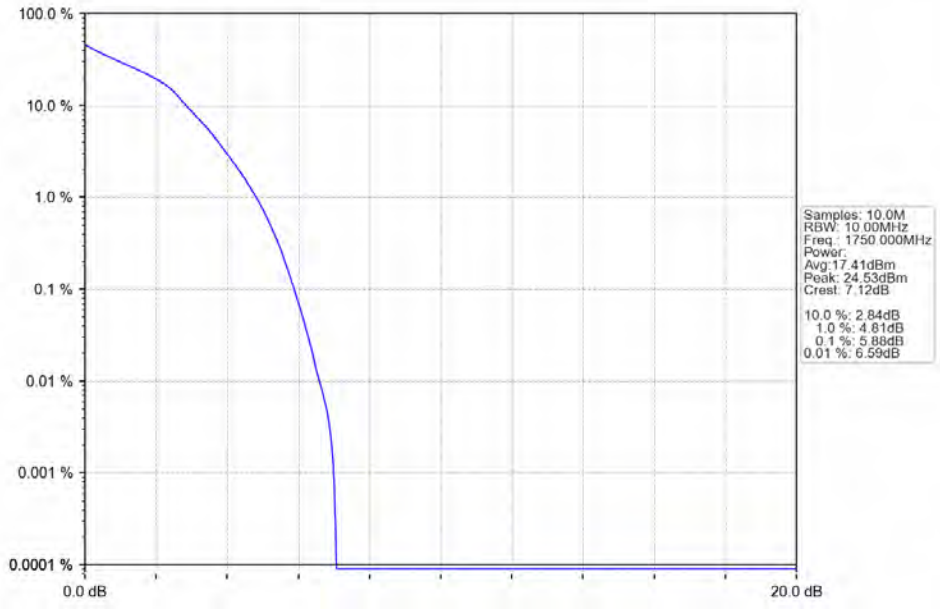


Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

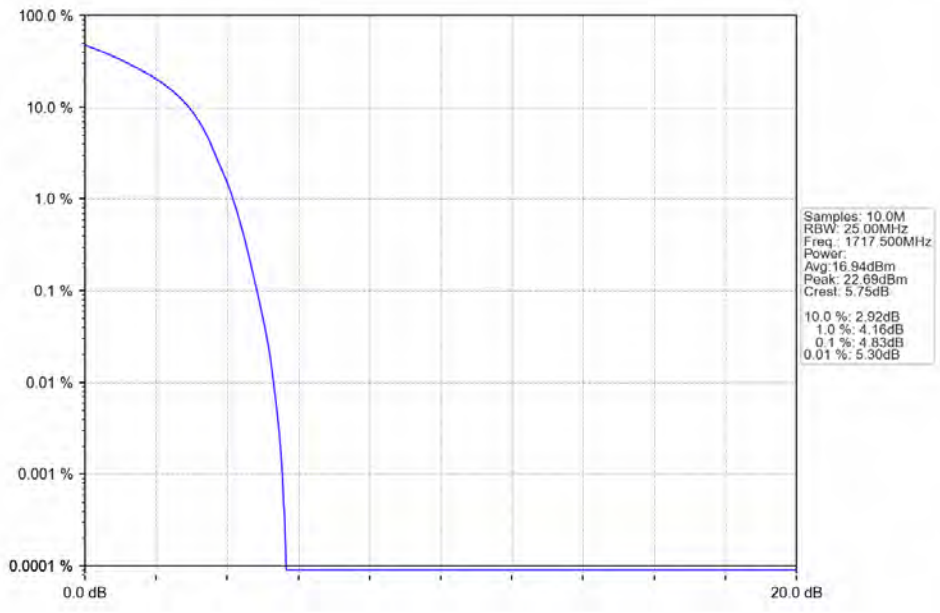


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

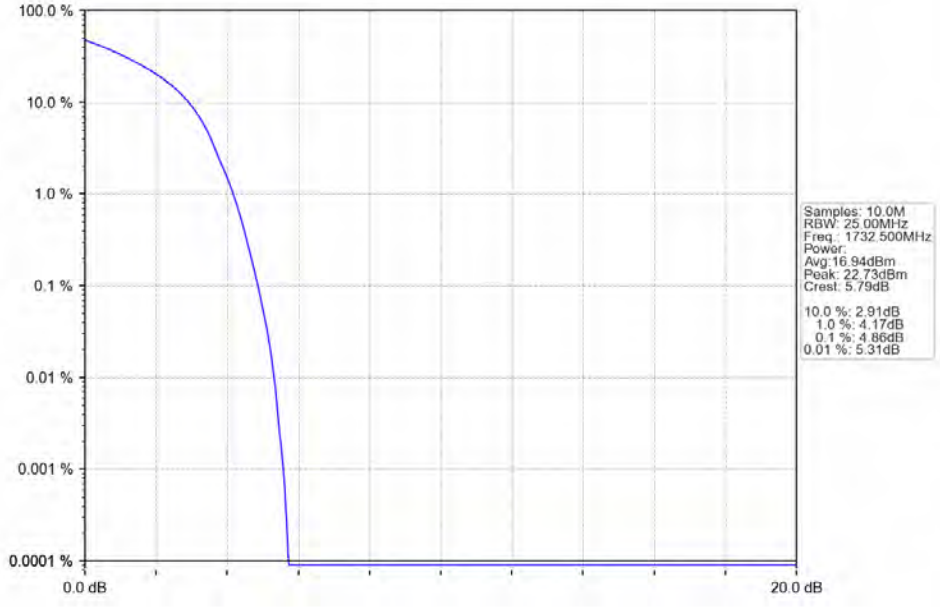


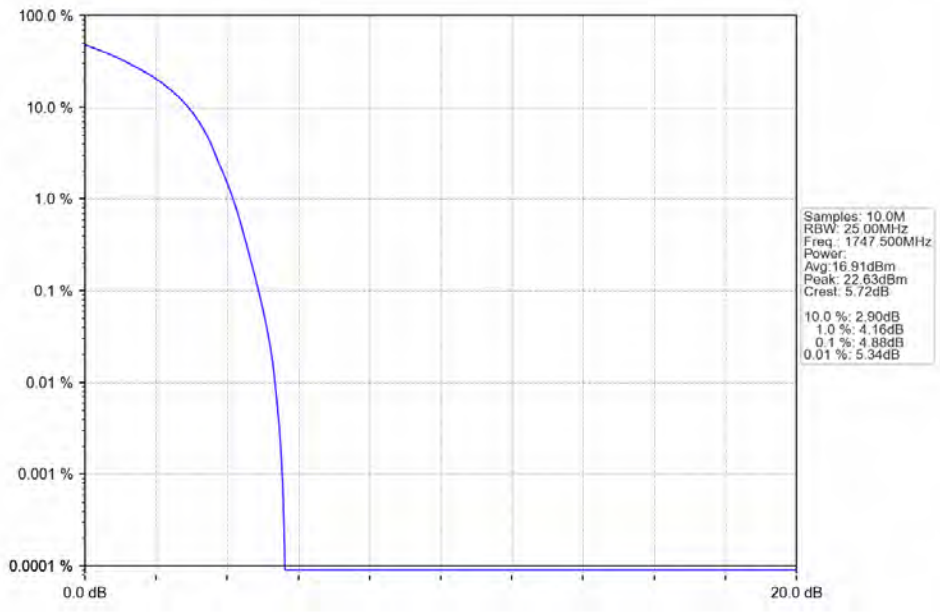
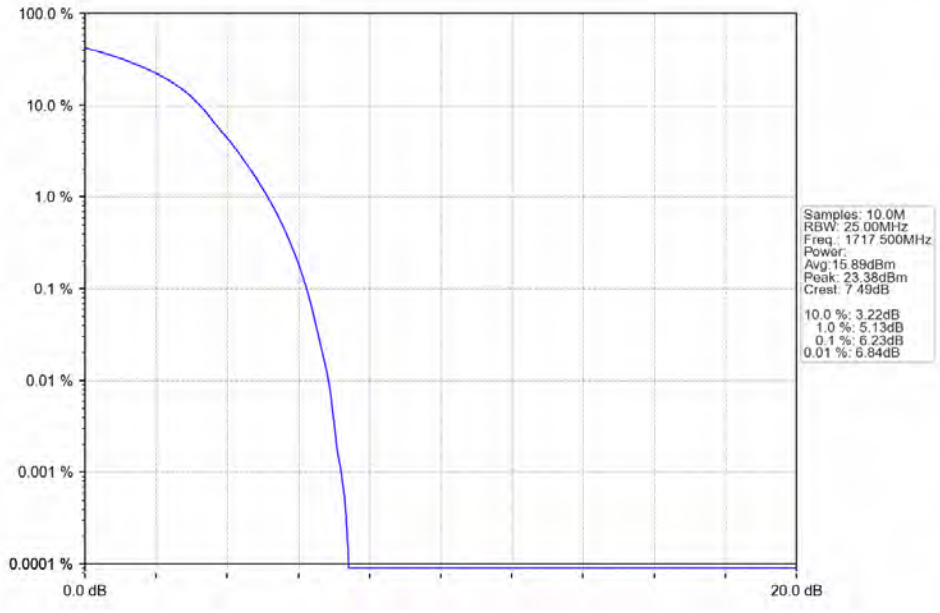
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

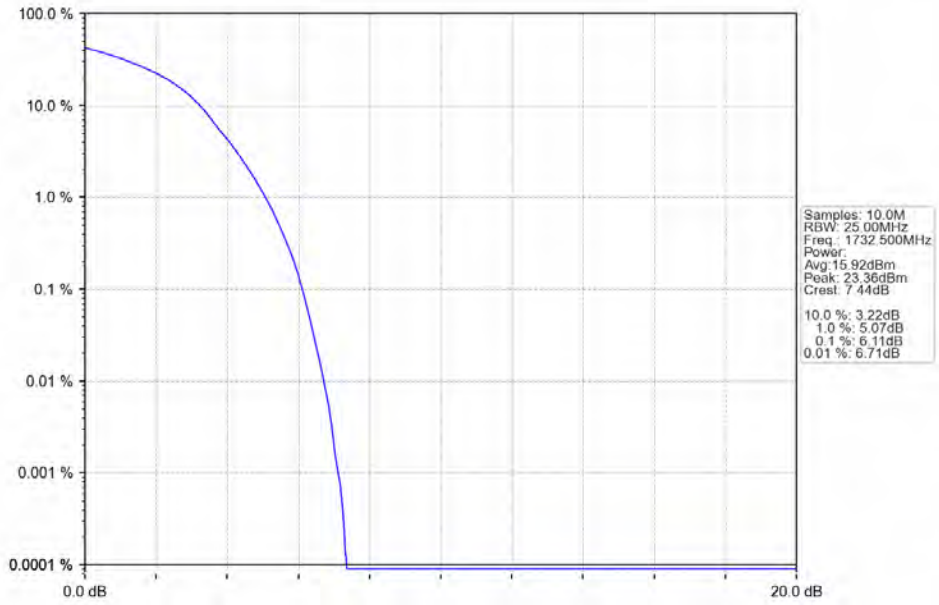


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

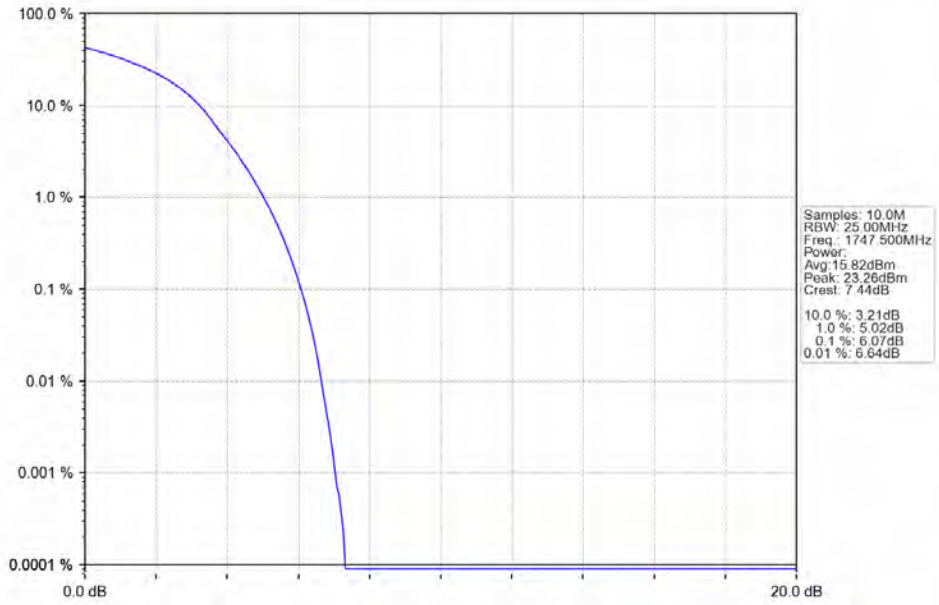


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

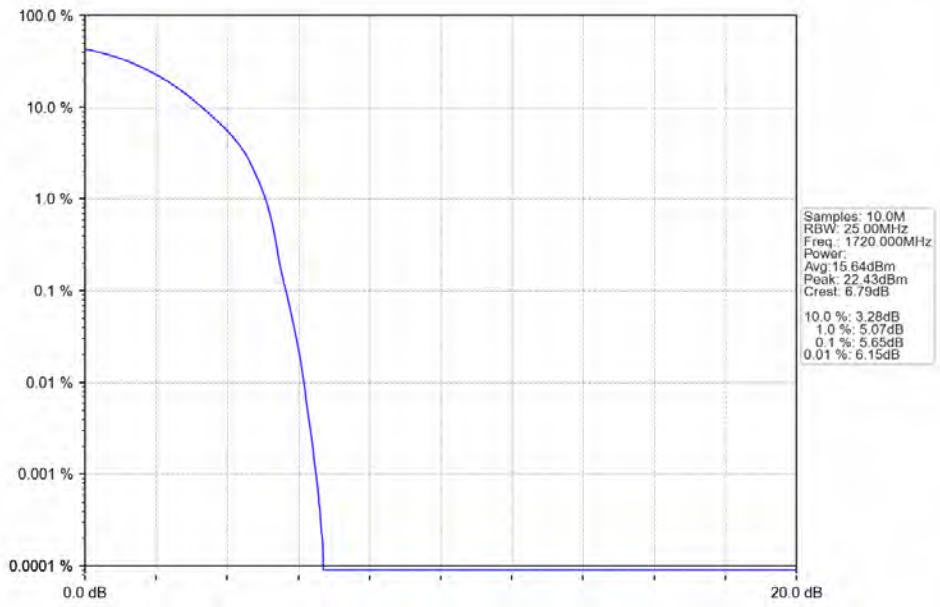


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

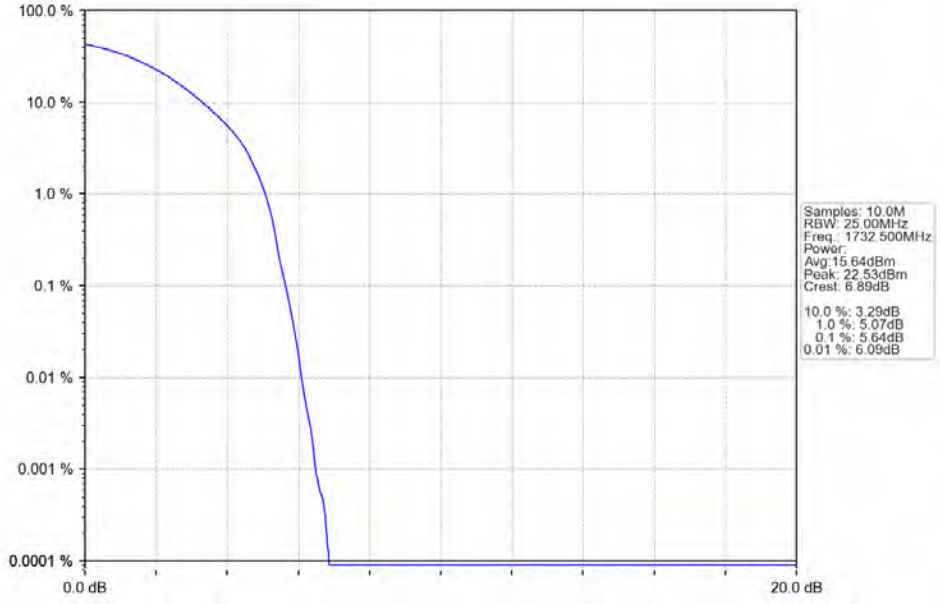


5.2.6 B4_20MHz

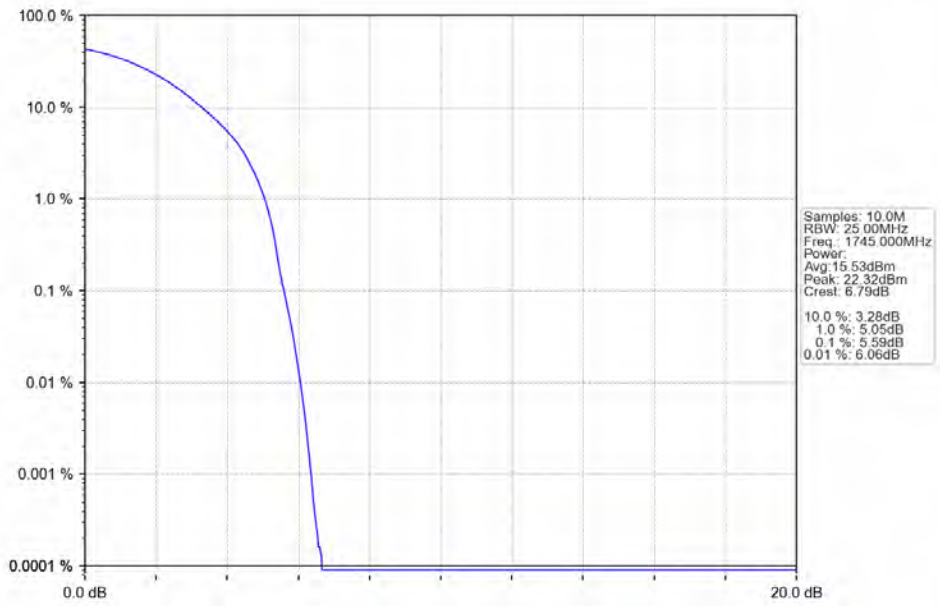
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



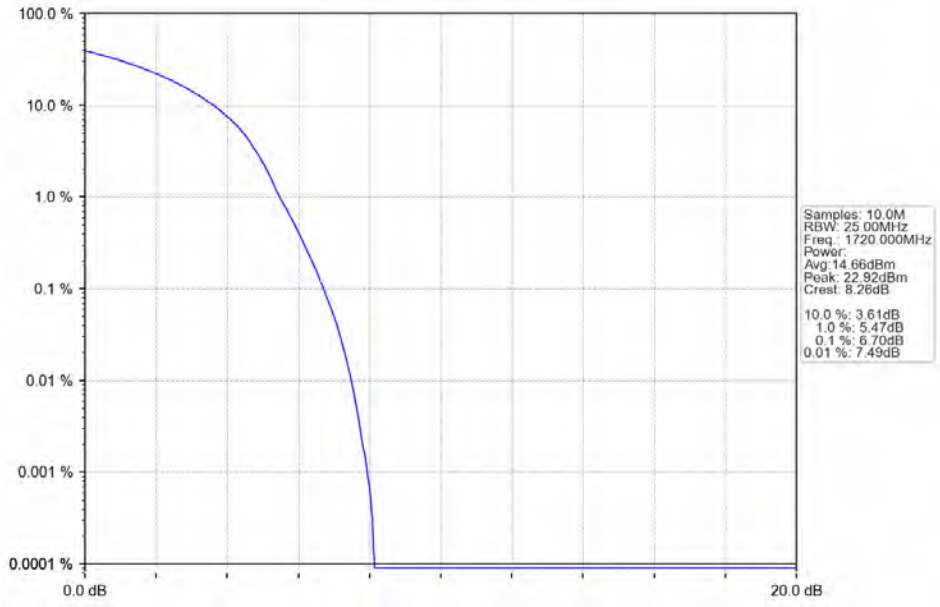
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



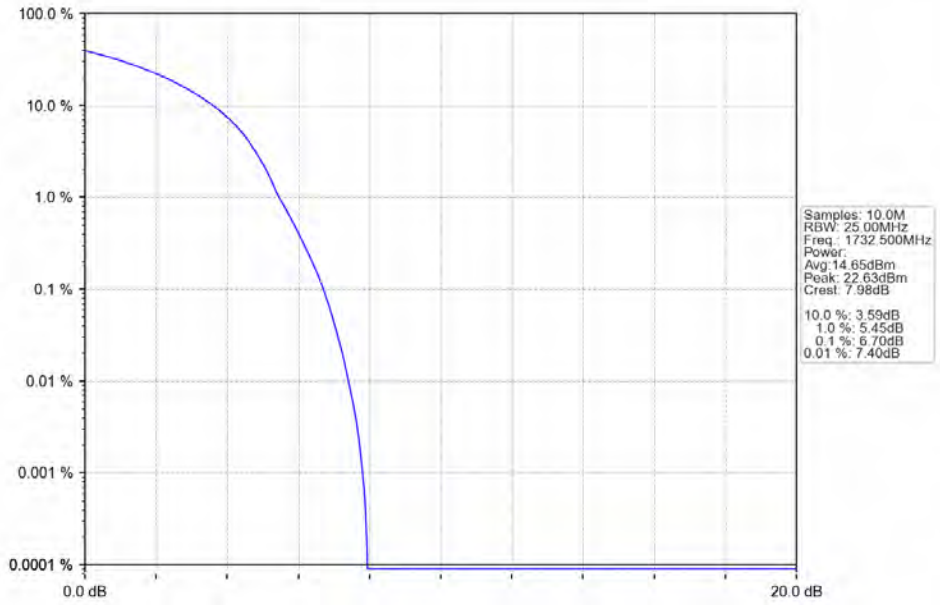
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



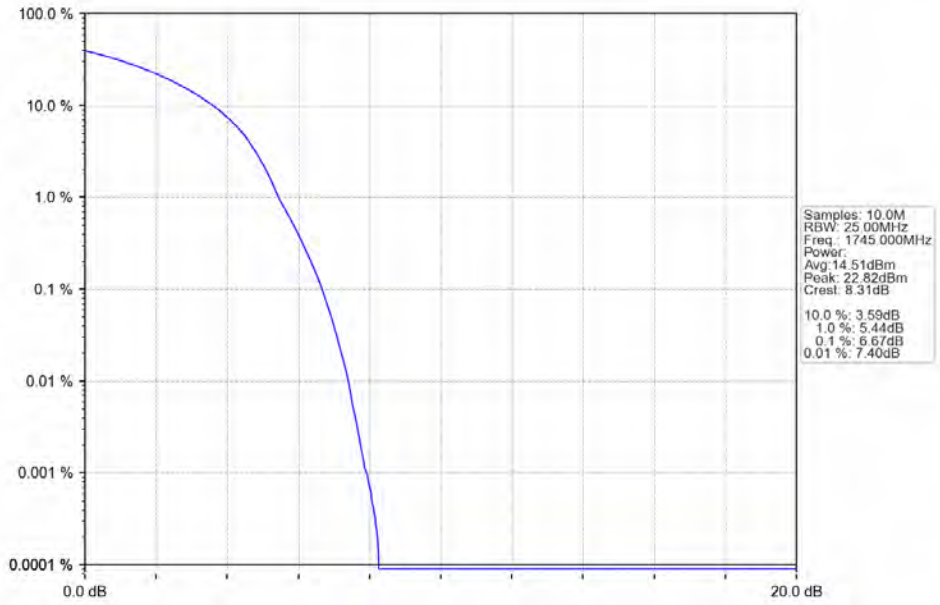
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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

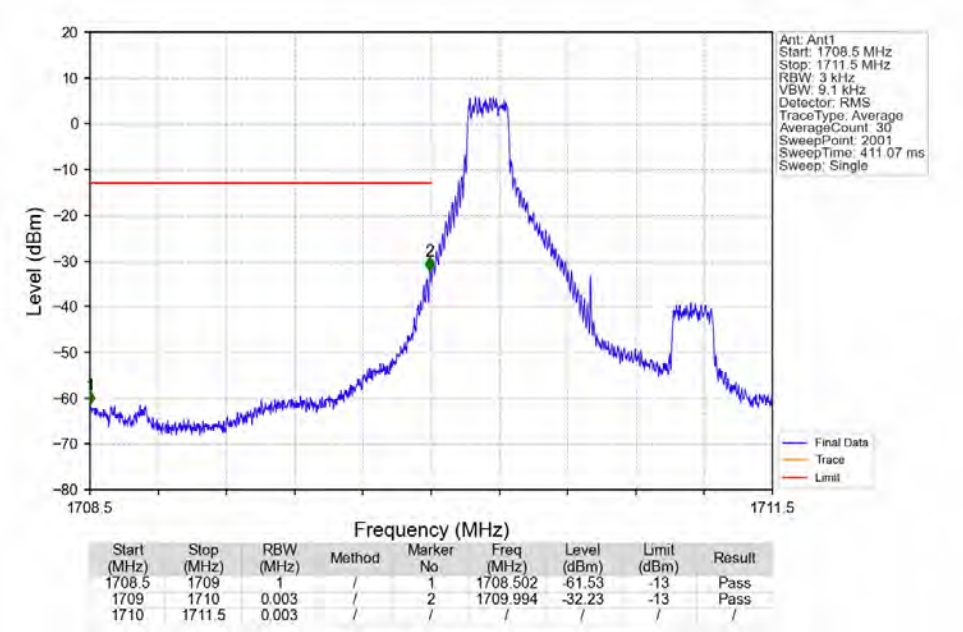
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass

	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

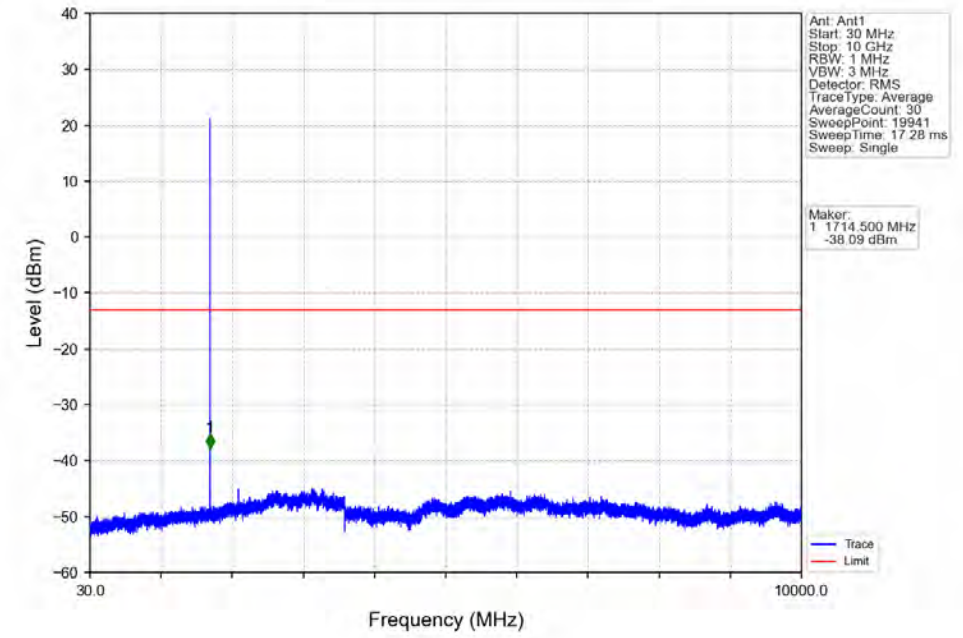
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

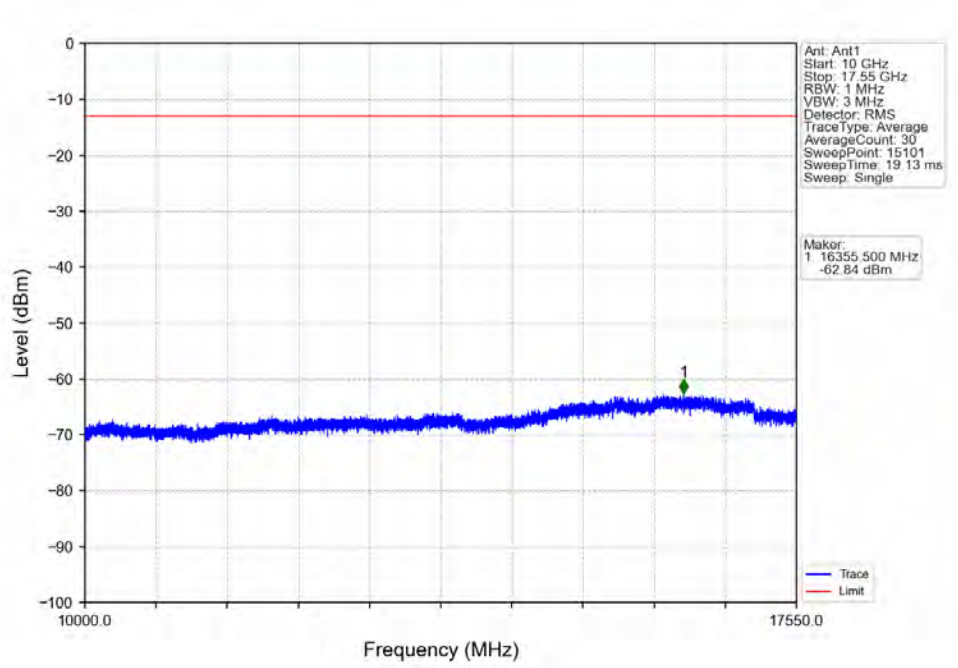


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.502	-61.53	-13	Pass
1709	1710	0.003	/	2	1709.994	-32.23	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

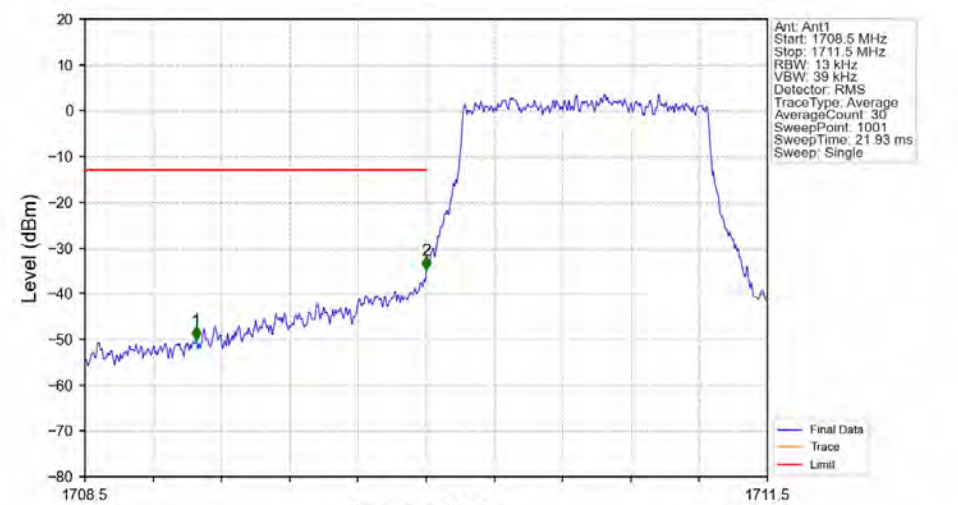
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

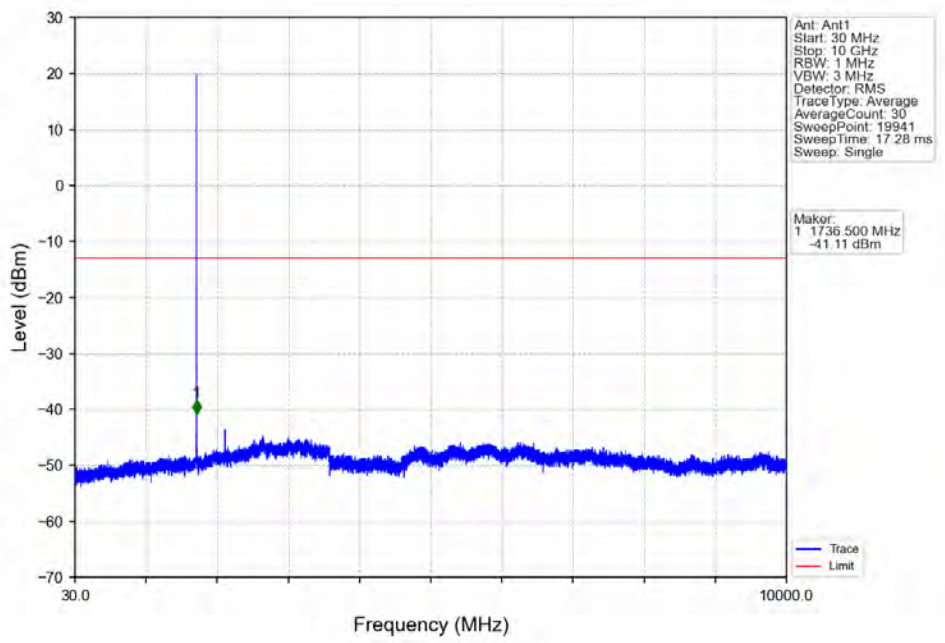


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

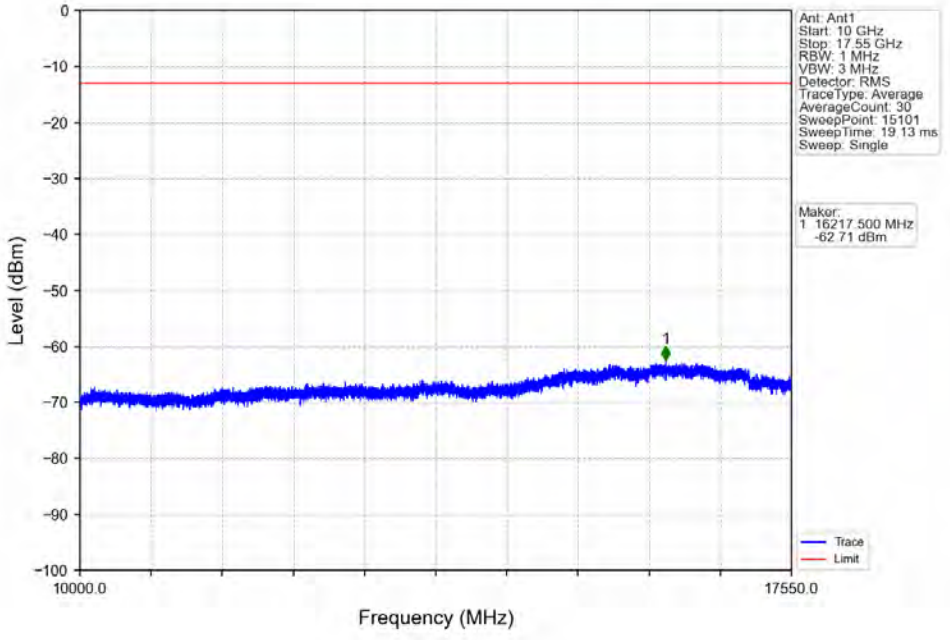


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.989	-50.15	-13	Pass
1709	1710	0.013	/	2	1710.000	-34.84	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

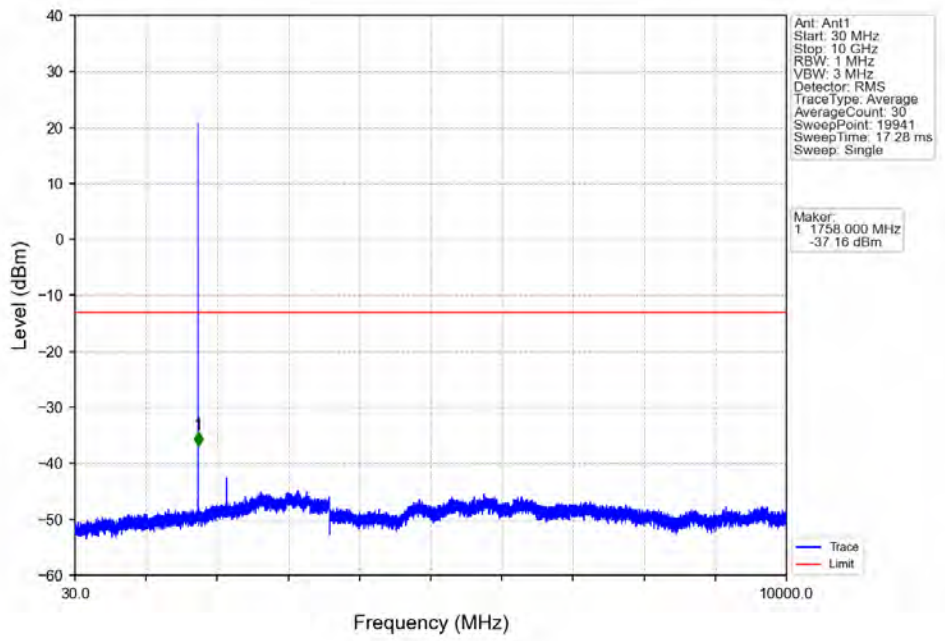
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



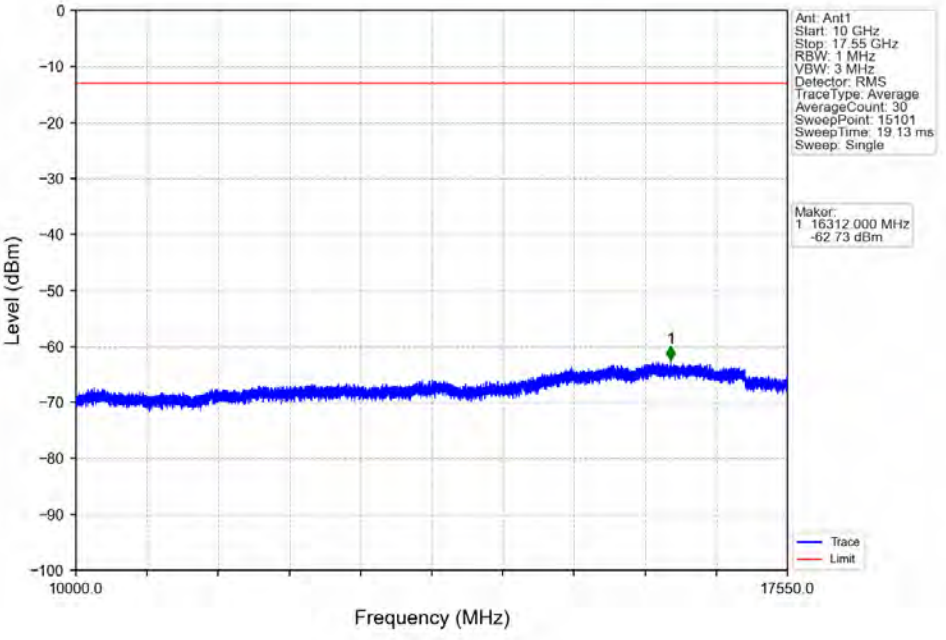
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



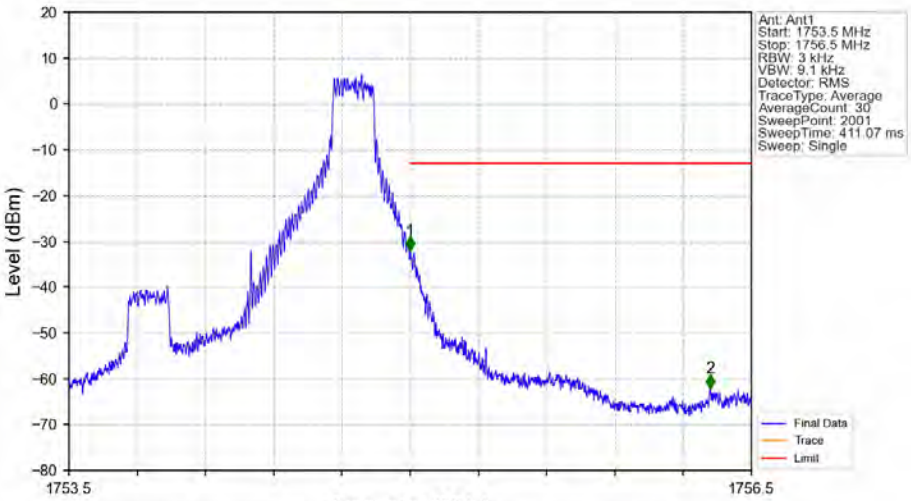
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

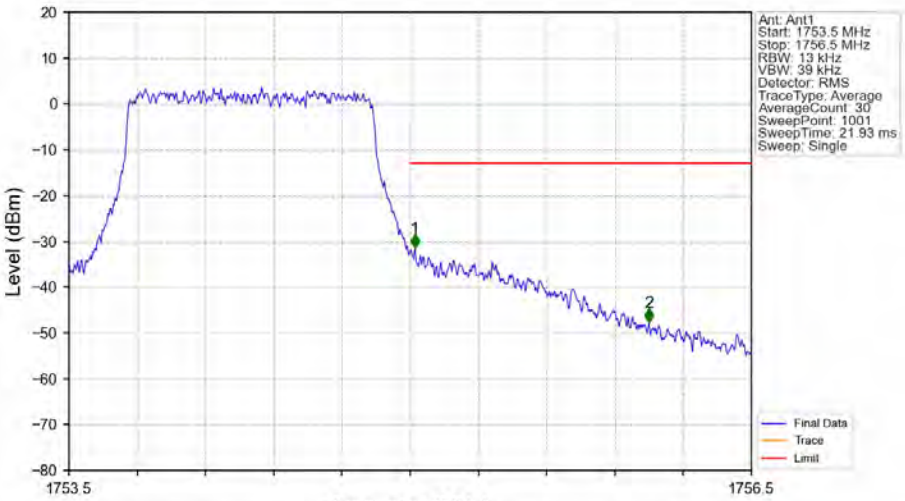


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



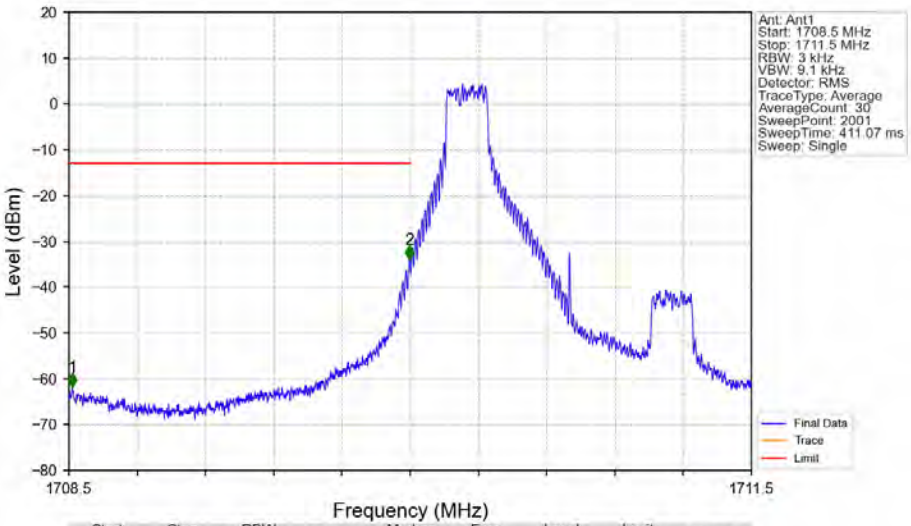
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-32.00	-13	Pass
1756	1756.5	1	/	2	1756.320	-62.09	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



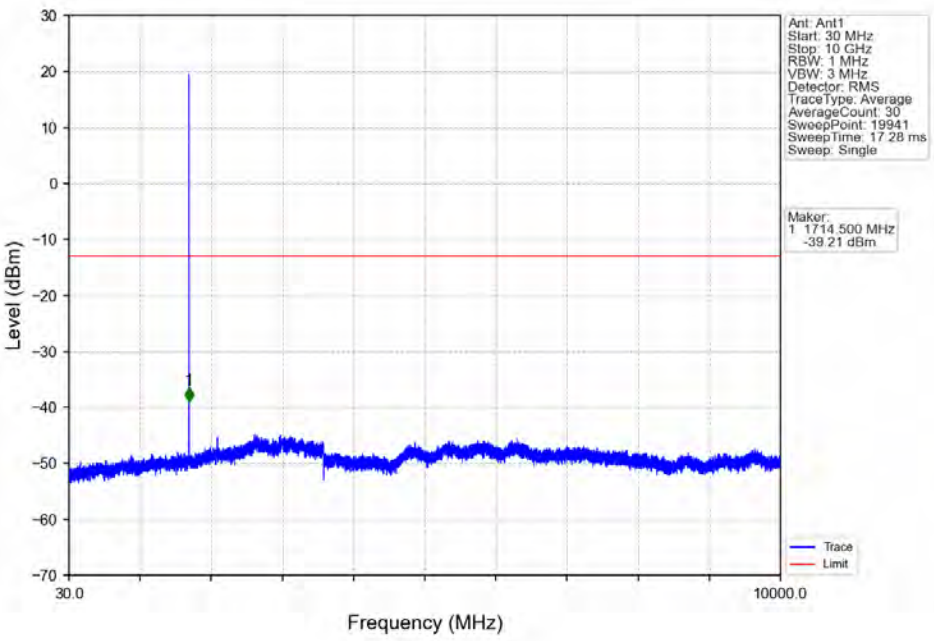
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.021	-31.51	-13	Pass
1756	1756.5	1	/	2	1756.050	-47.76	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

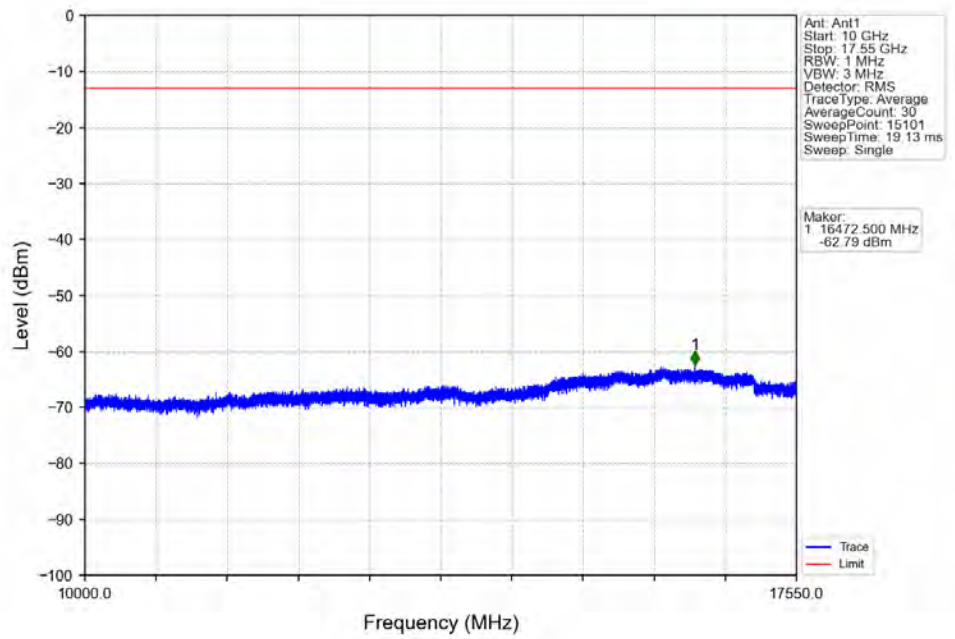


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.515	-61.78	-13	Pass
1709	1710	0.003	/	2	1709.997	-33.98	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

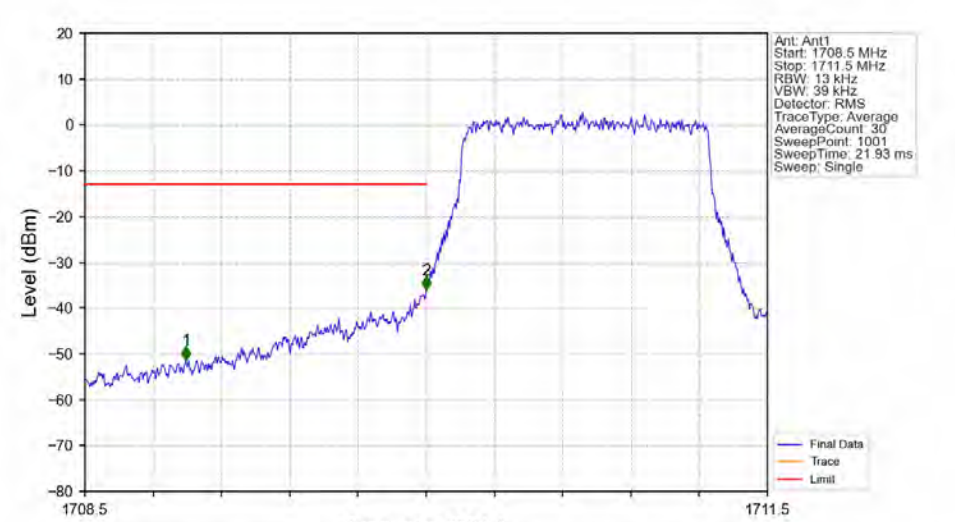
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

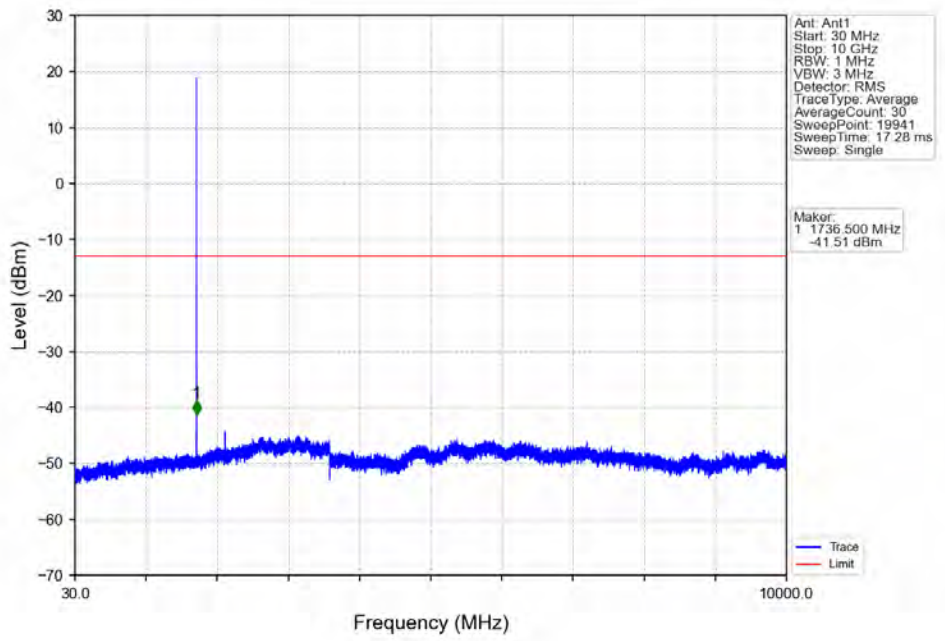


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

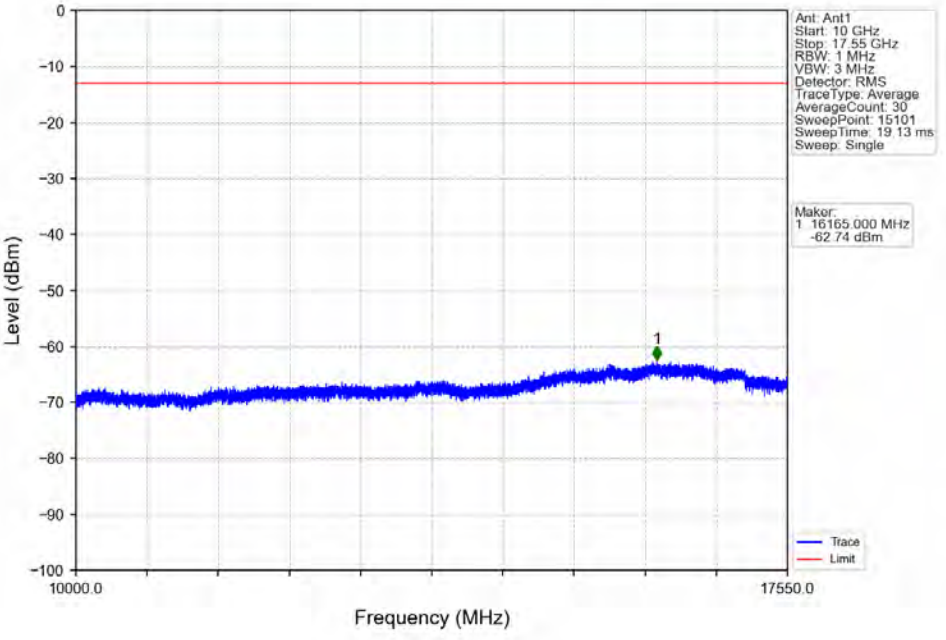


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.944	-51.42	-13	Pass
1709	1710	0.013	/	2	1710.000	-36.15	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

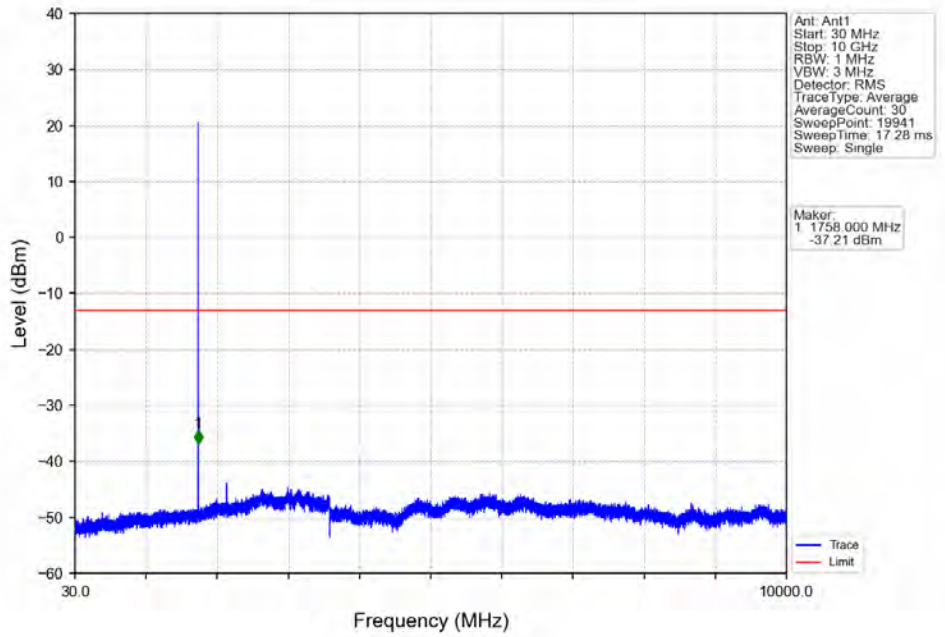
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



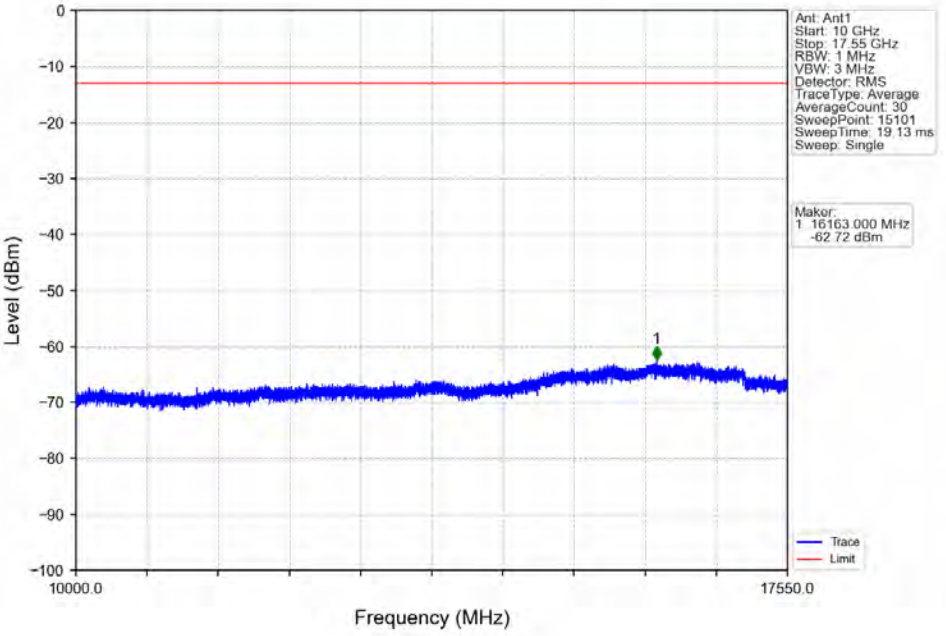
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



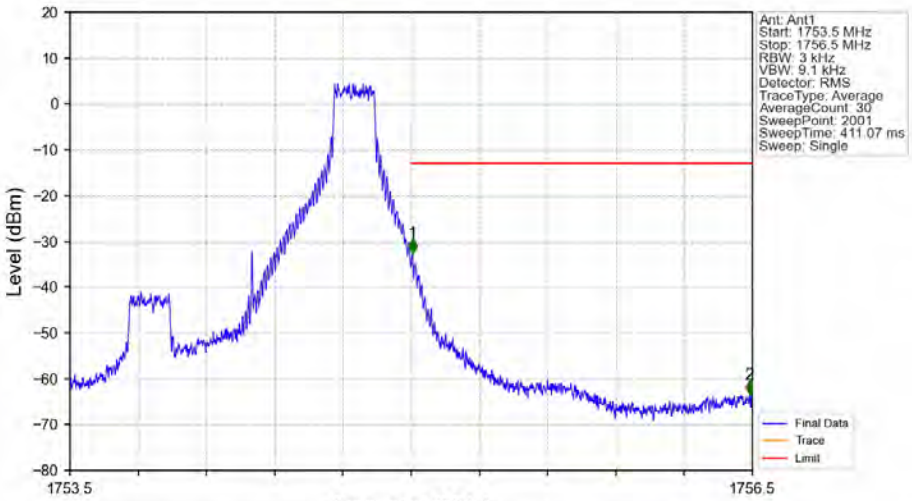
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

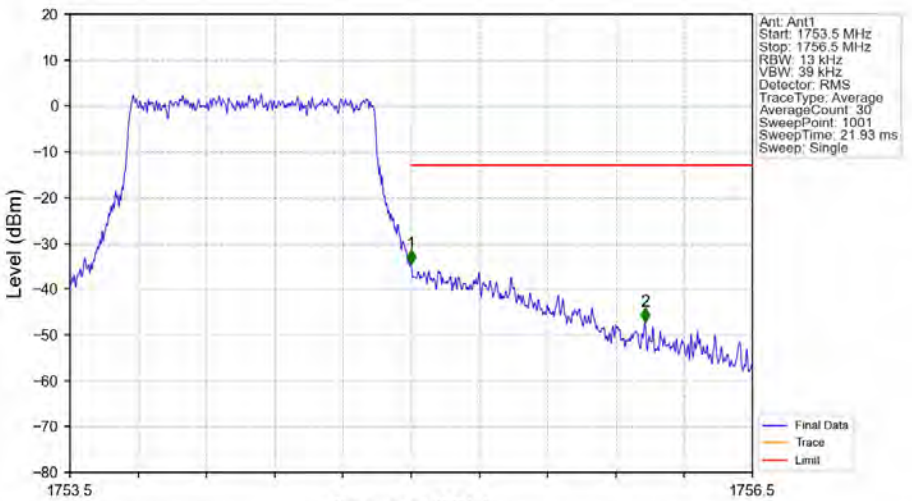


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-32.55	-13	Pass
1756	1756.5	1	/	2	1756.488	-63.37	-13	Pass

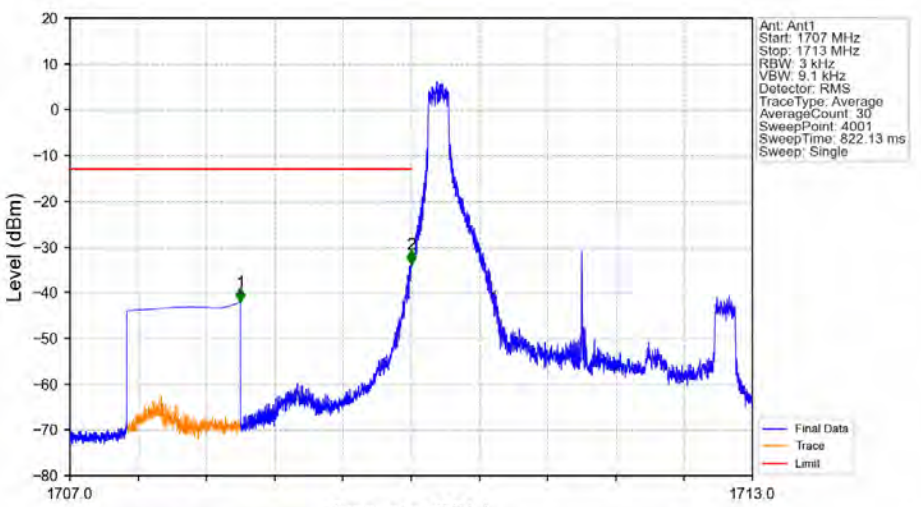
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.000	-34.43	-13	Pass
1756	1756.5	1	/	2	1756.029	-47.14	-13	Pass

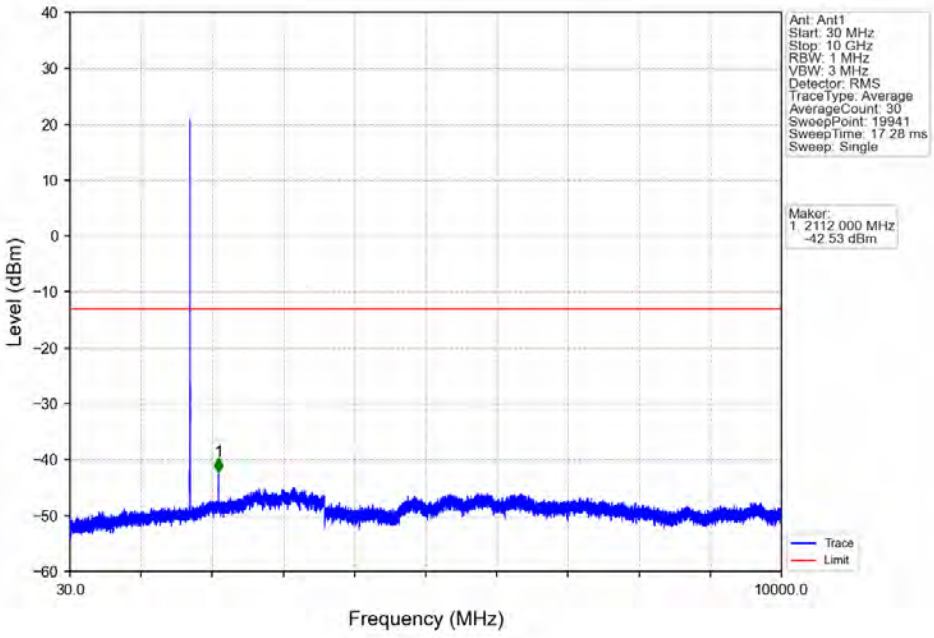
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

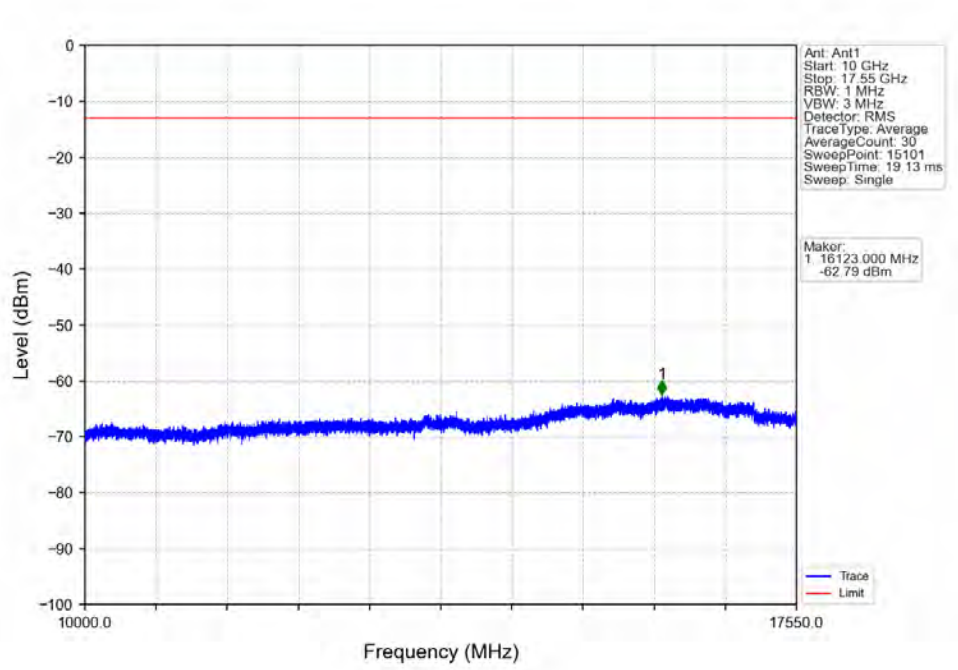


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-42.07	-13	Pass
1709	1710	0.003	/	2	1710.000	-33.75	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

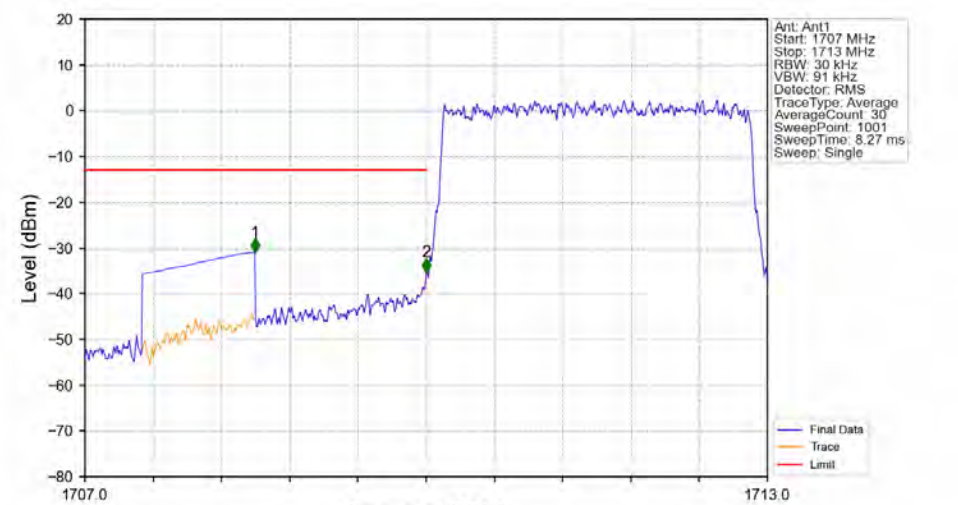
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

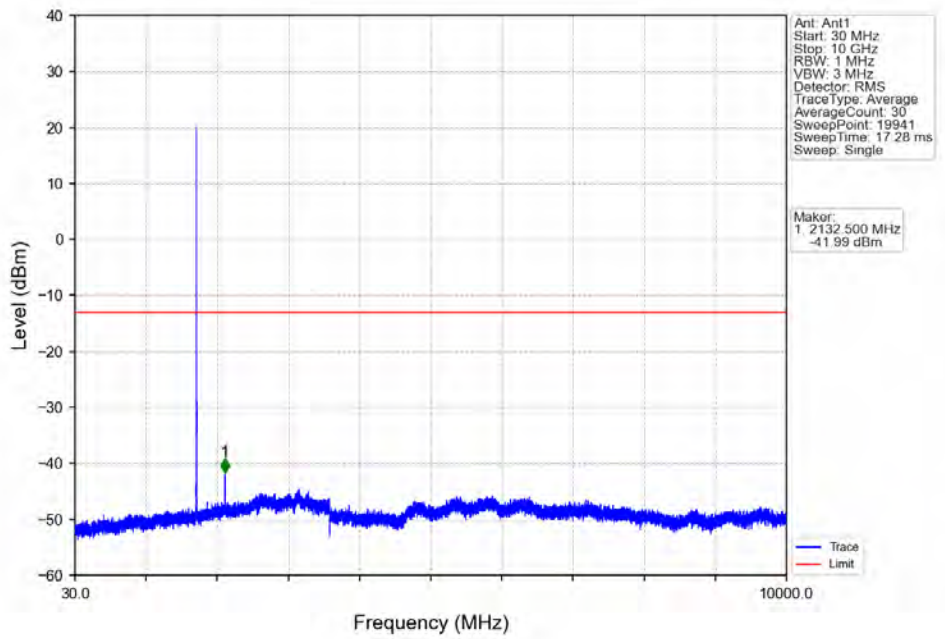


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

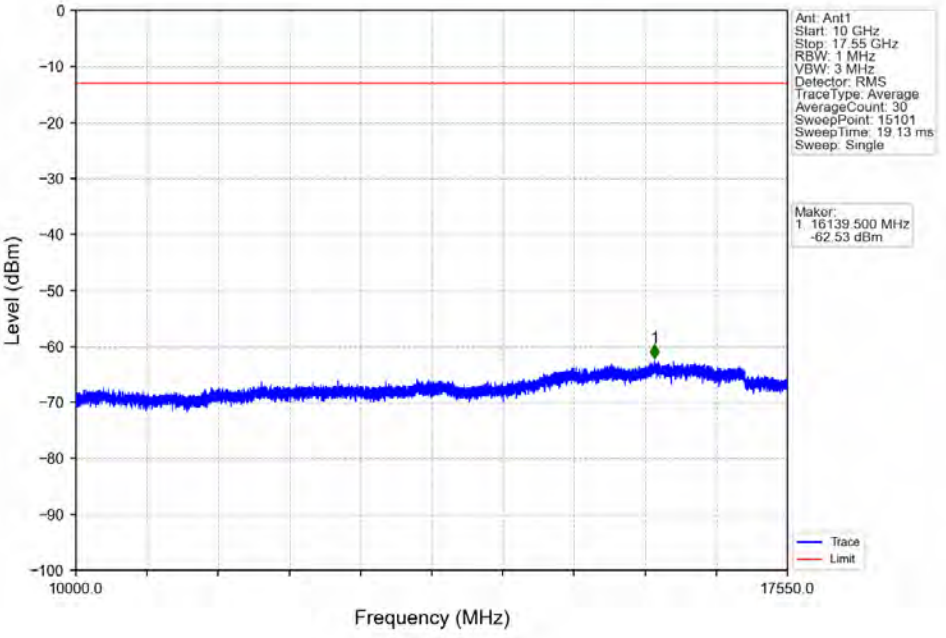


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-30.98	-13	Pass
1709	1710	0.03	/	2	1710.000	-35.32	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

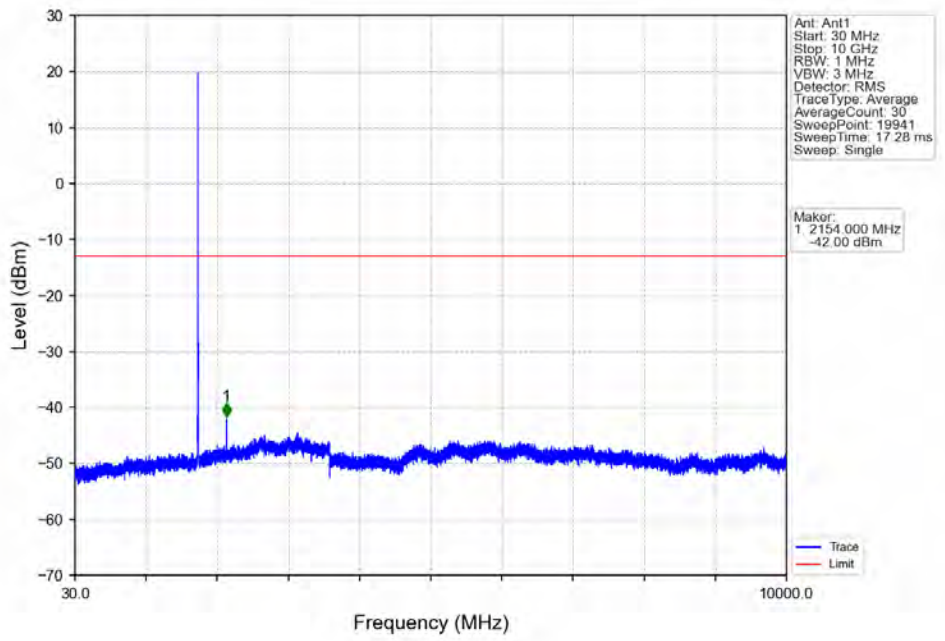
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



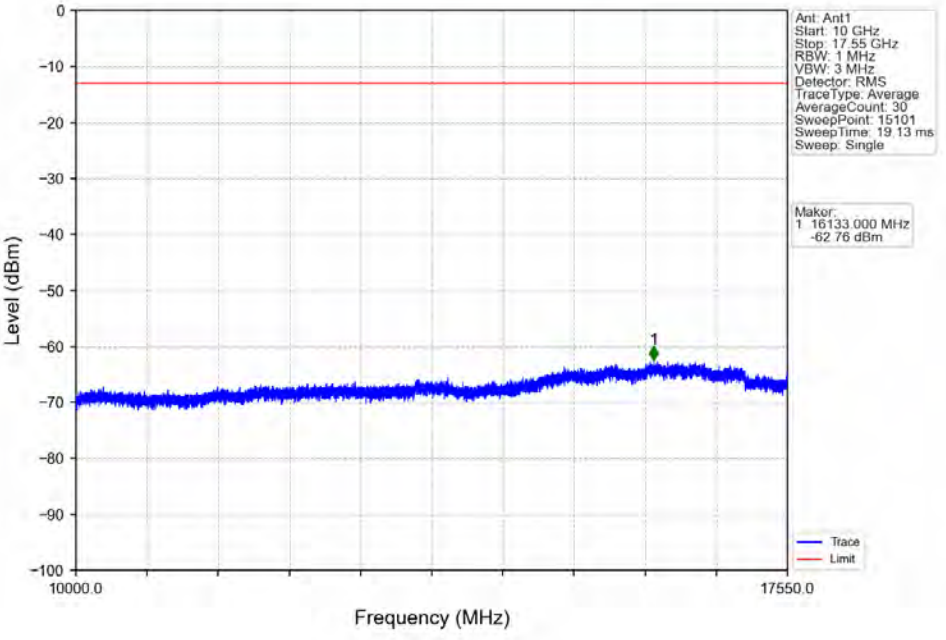
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



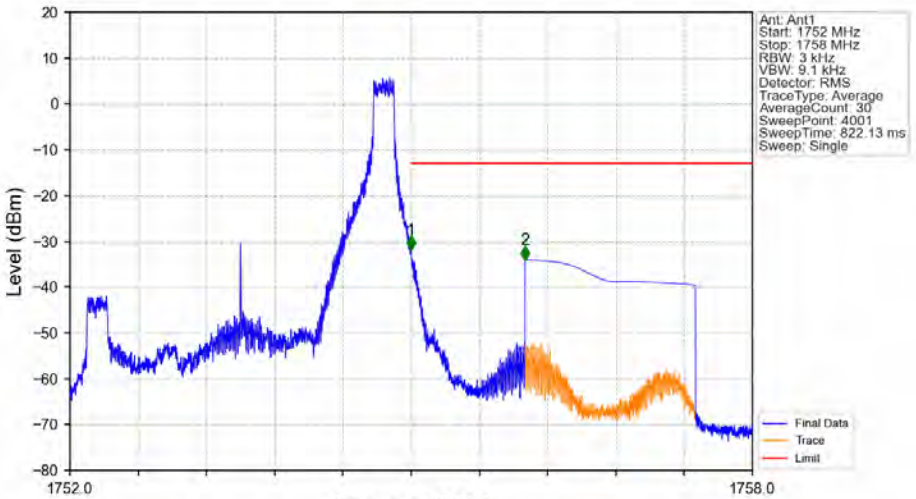
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

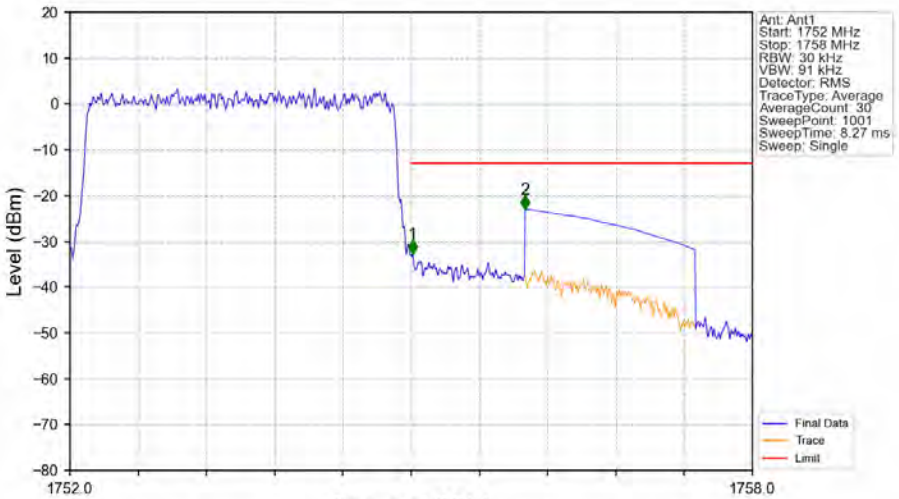


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



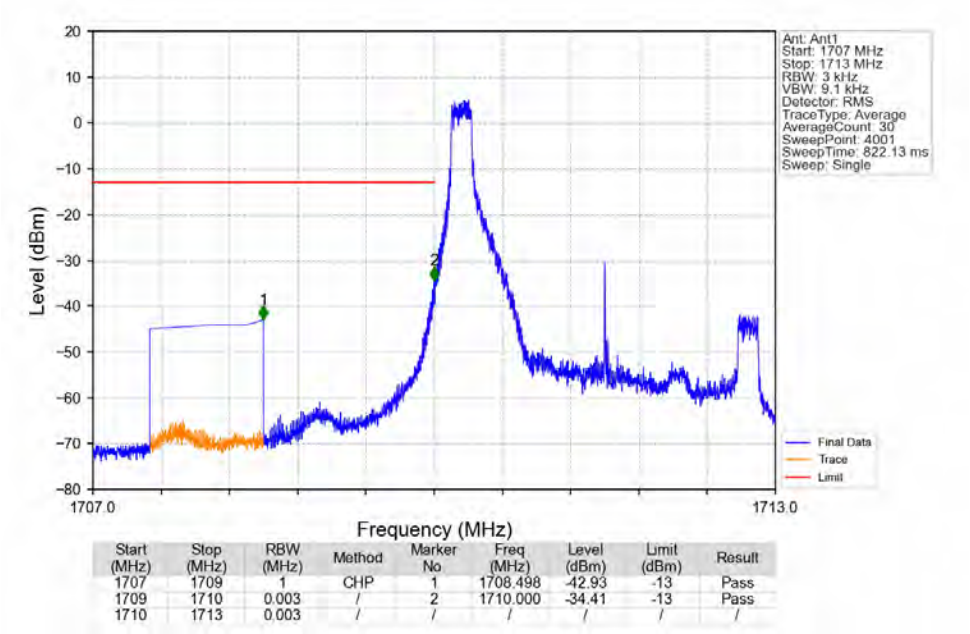
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-31.87	-13	Pass
1756	1758	1	CHP	2	1756.001	-34.07	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



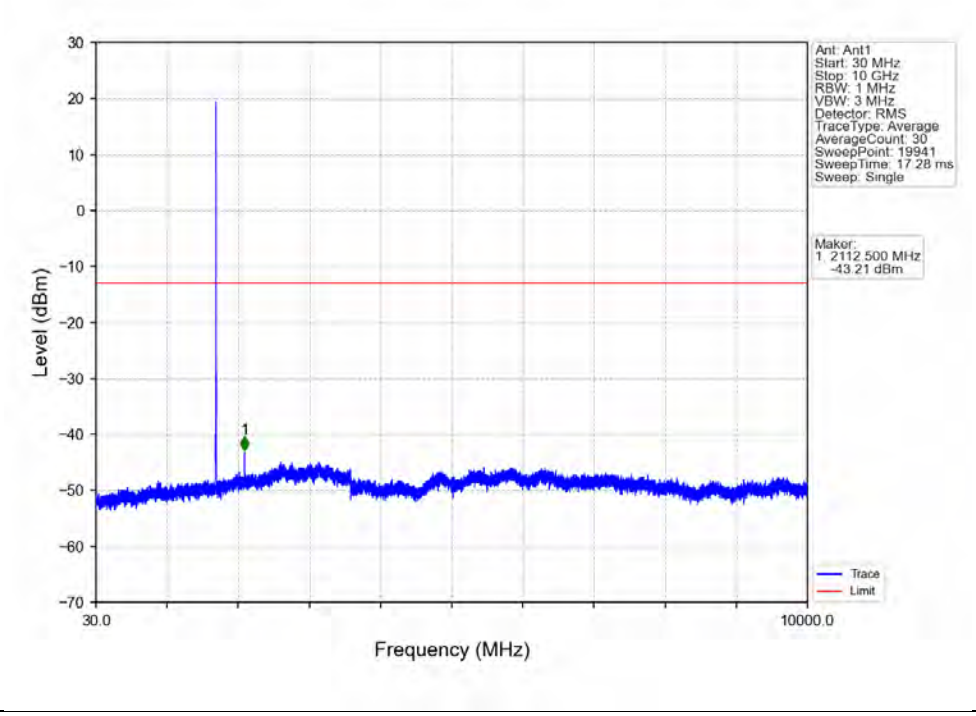
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.012	-32.72	-13	Pass
1756	1758	1	CHP	2	1756.002	-23.09	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

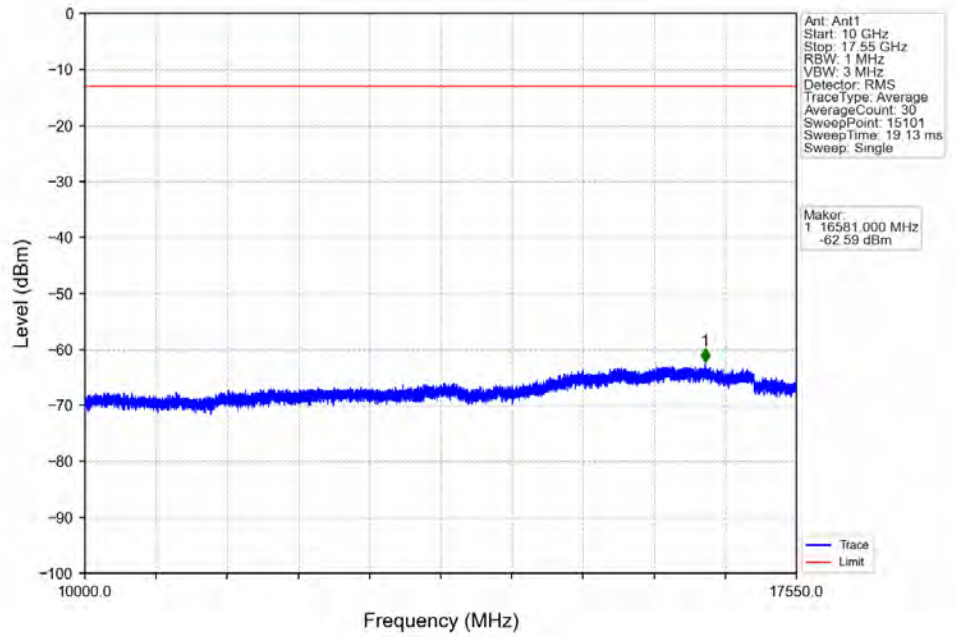


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-42.93	-13	Pass
1709	1710	0.003	/	2	1710.000	-34.41	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

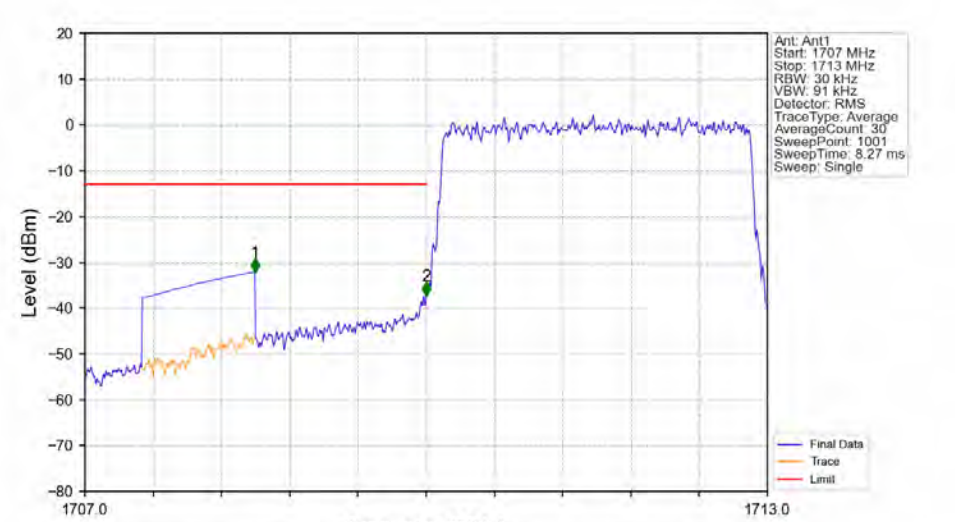
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

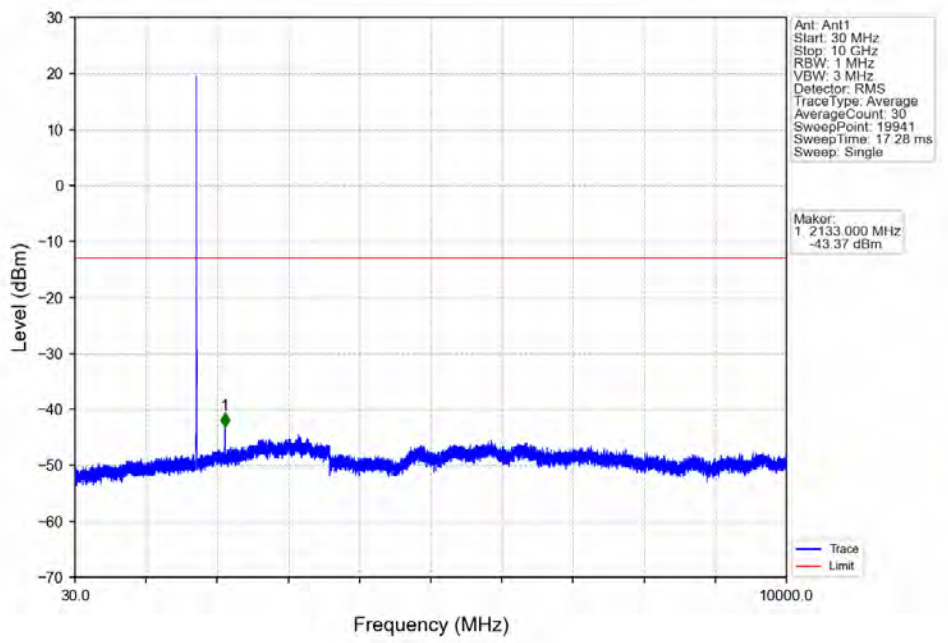


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

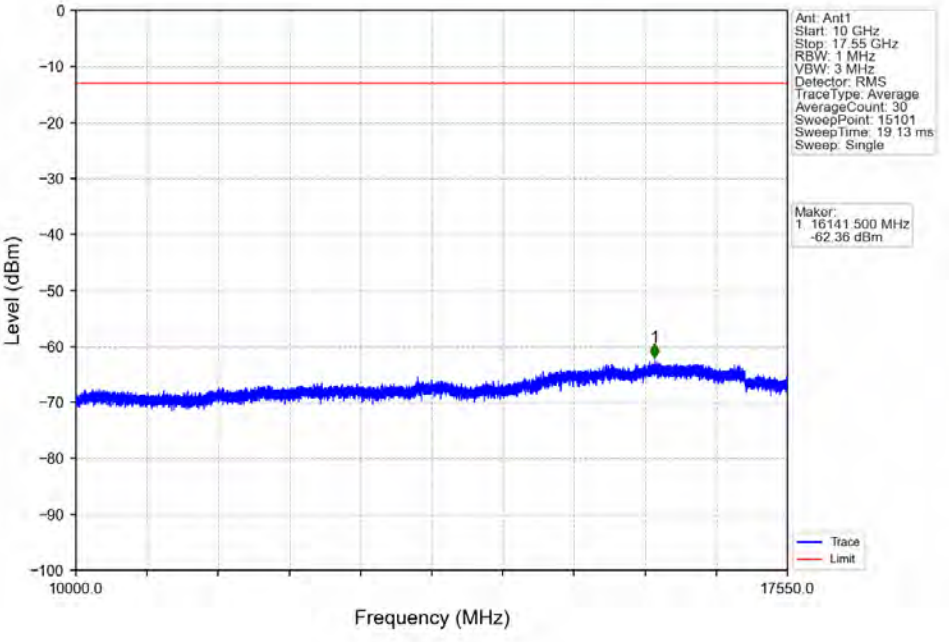


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-32.15	-13	Pass
1709	1710	0.03	/	2	1710.000	-37.38	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

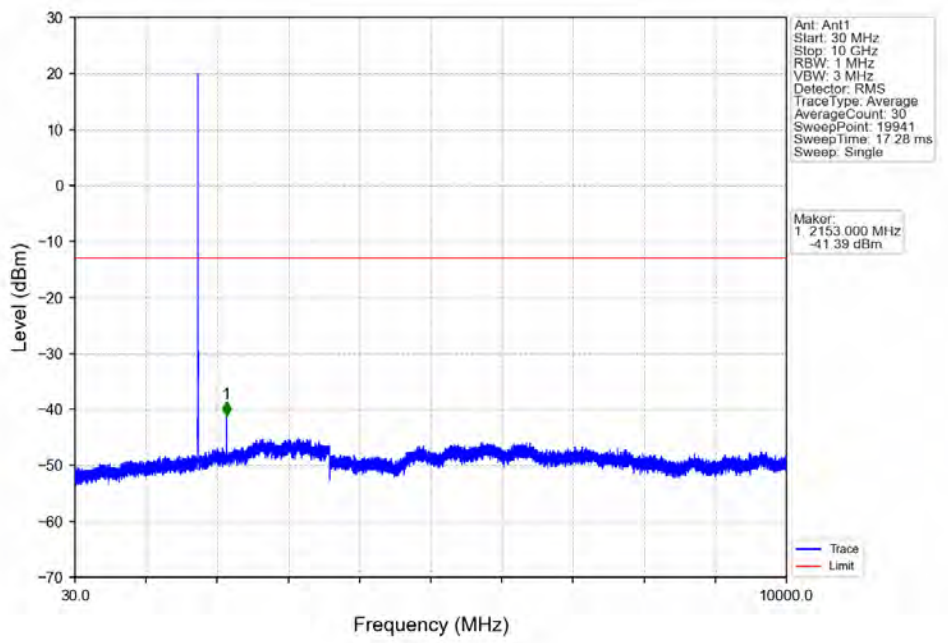
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



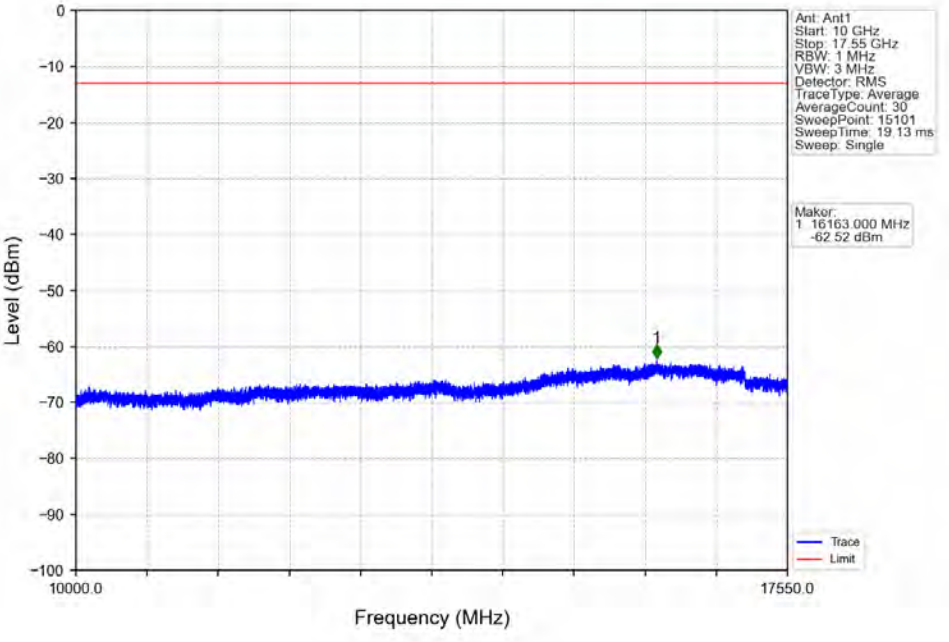
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



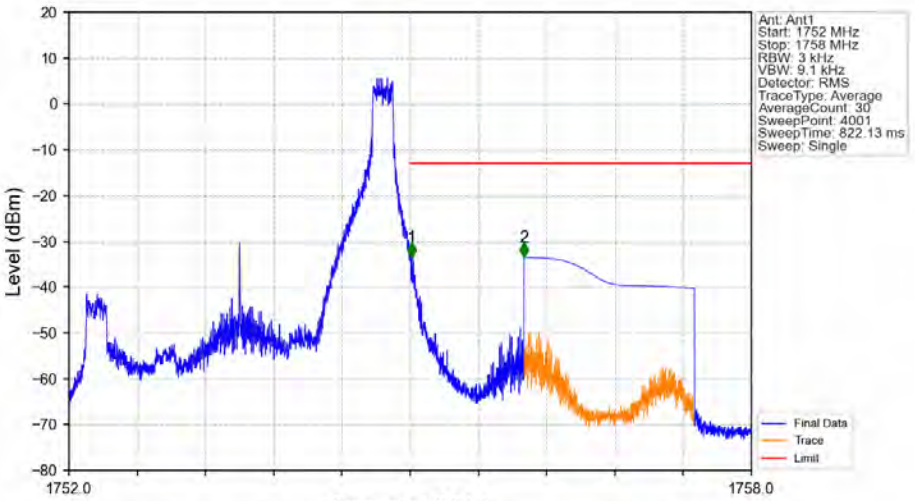
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

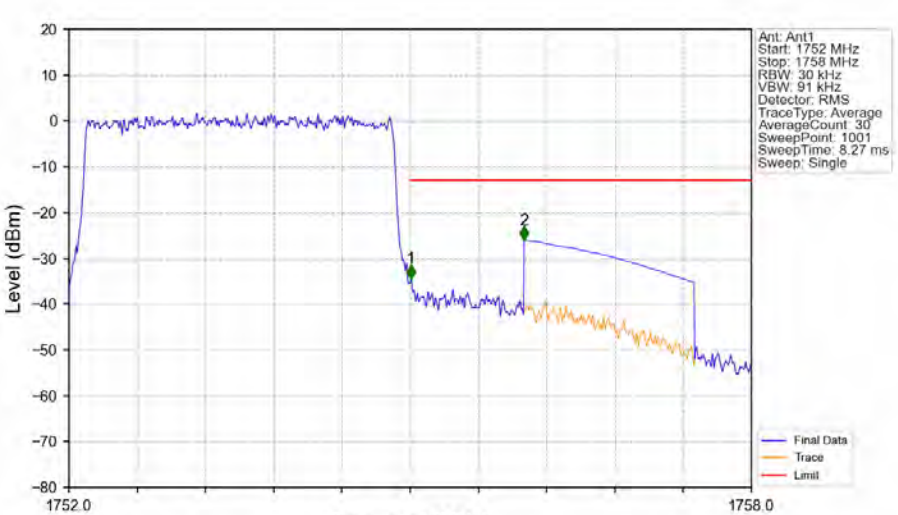


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-33.50	-13	Pass
1756	1758	1	CHP	2	1756.001	-33.48	-13	Pass

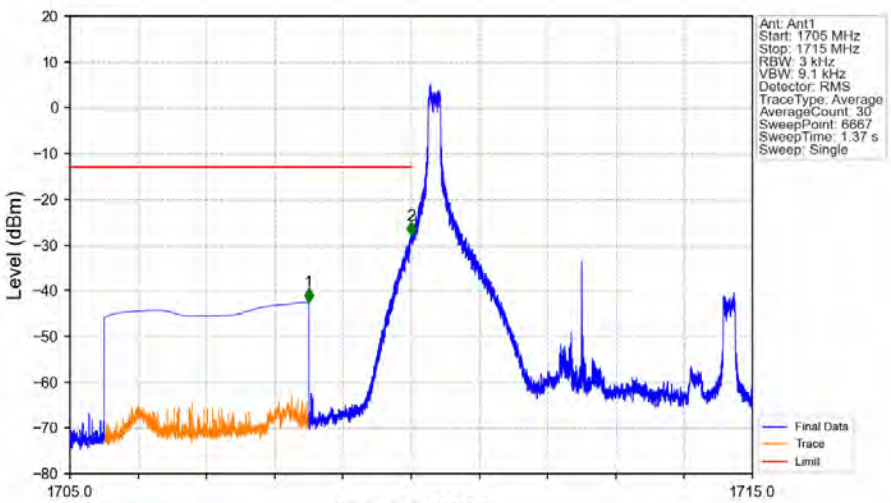
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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	1755.006	-34.43	-13	Pass
1756	1758	1	CHP	2	1756.002	-26.02	-13	Pass

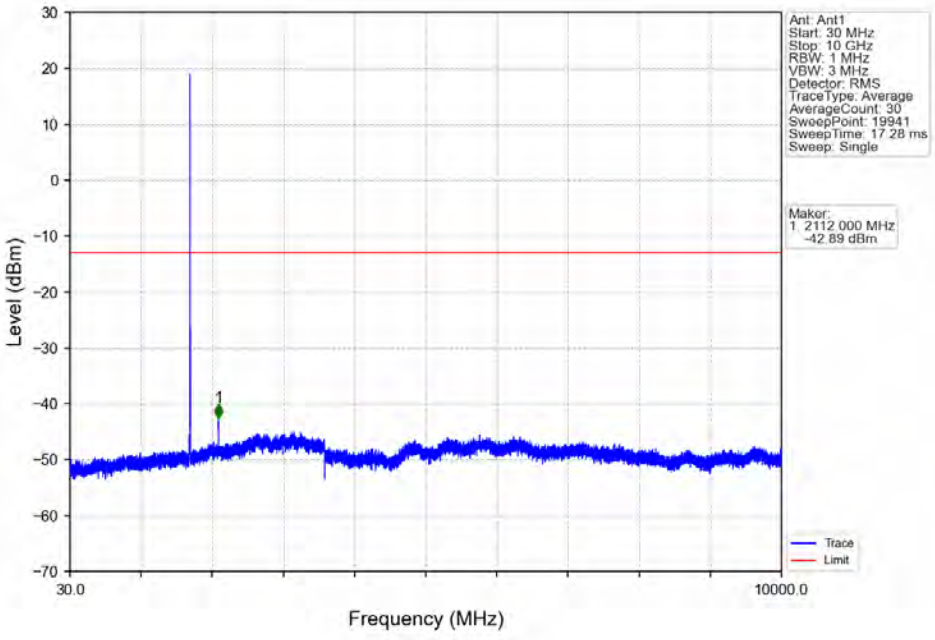
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

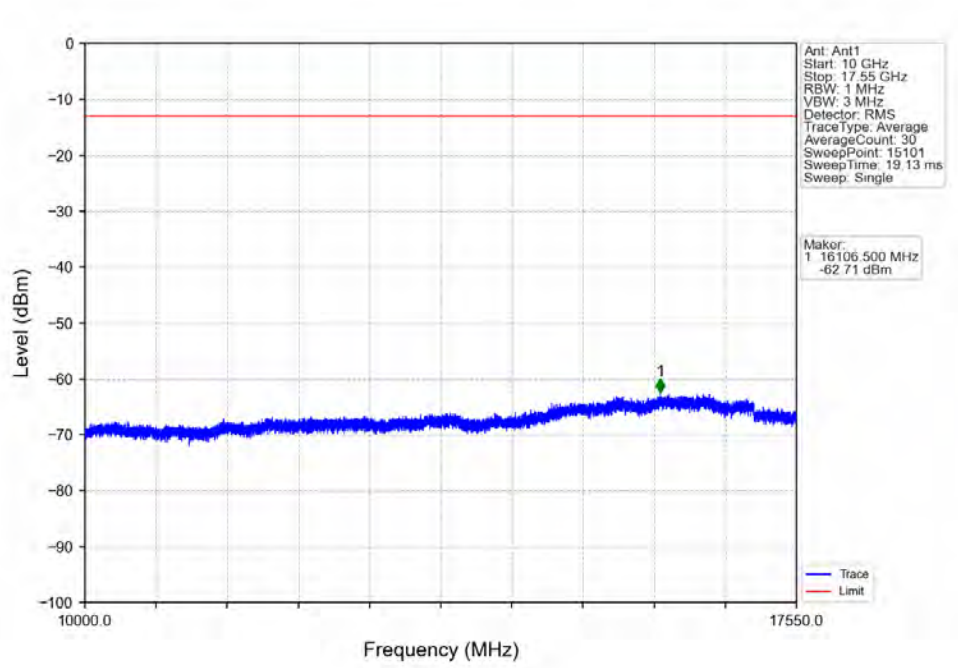


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-42.53	-13	Pass
1709	1710	0.003	/	2	1709.998	-27.96	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

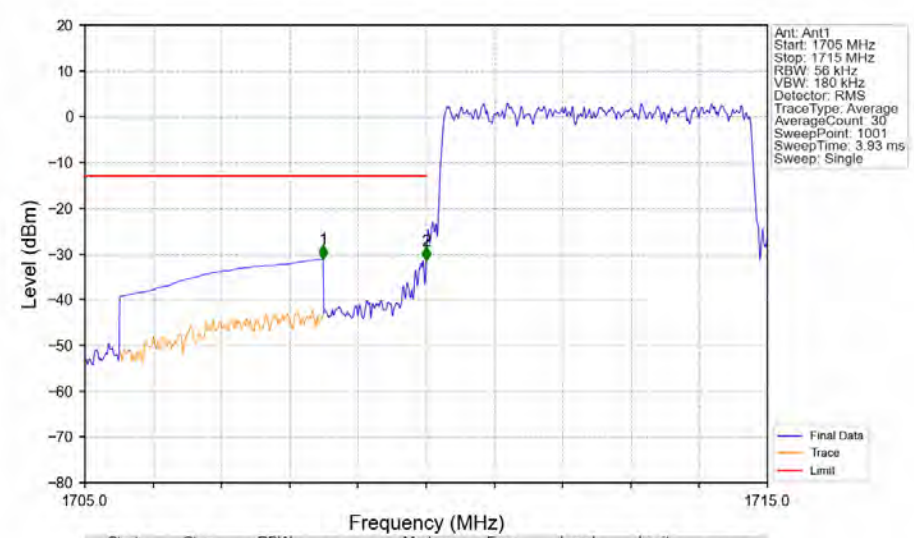
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

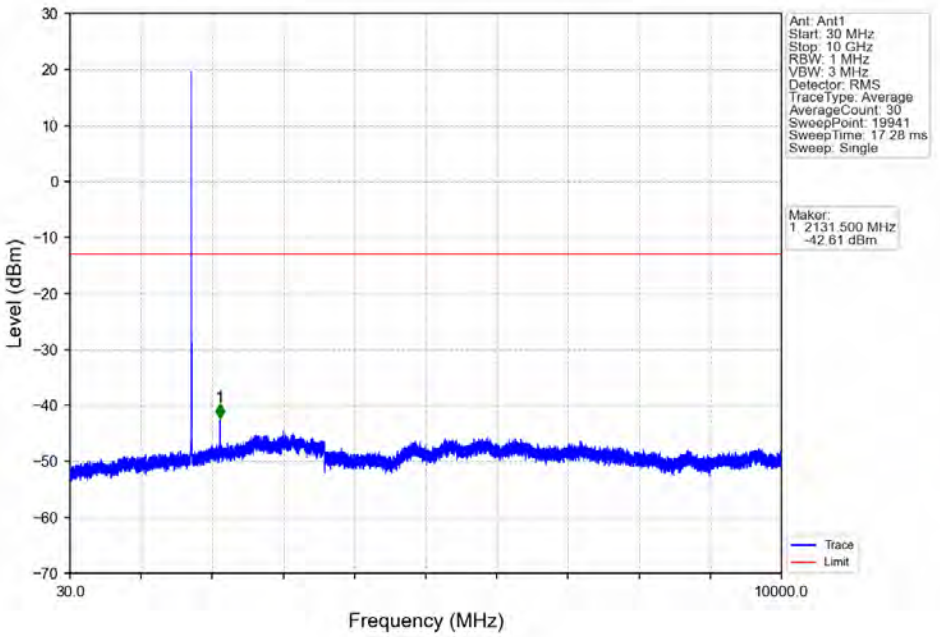


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

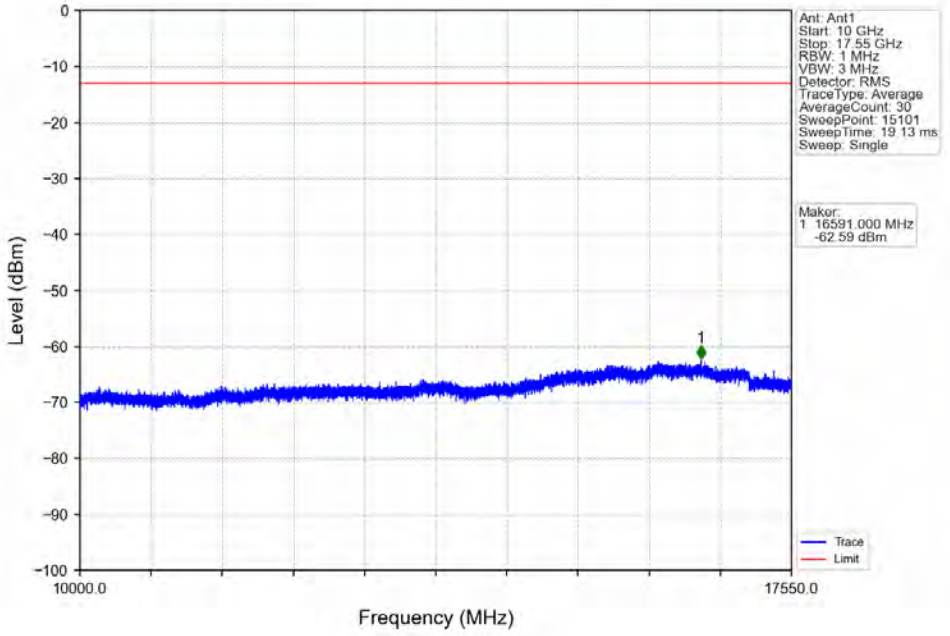


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-31.20	-13	Pass
1709	1710	0.056	/	2	1710.000	-31.58	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

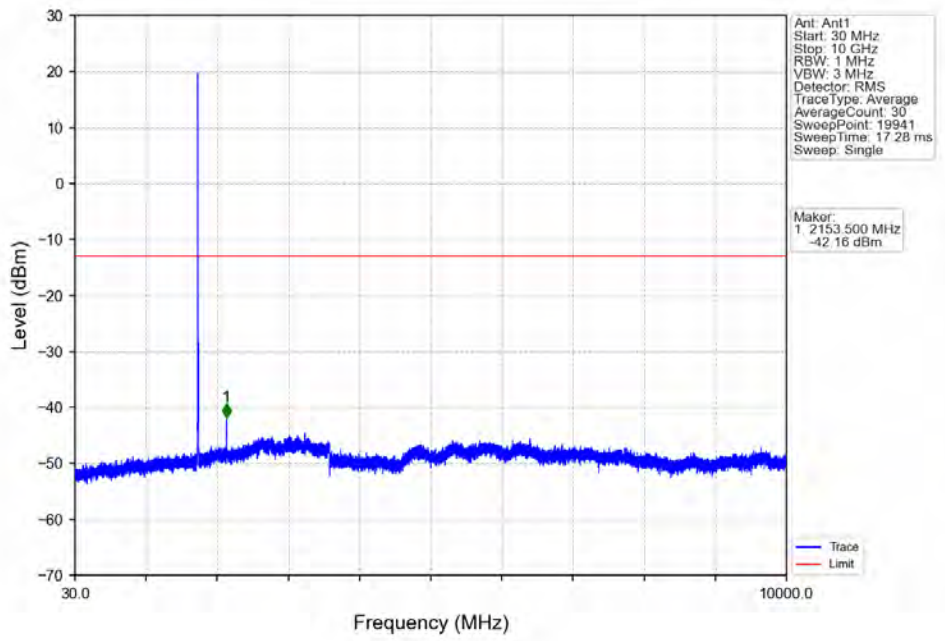
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



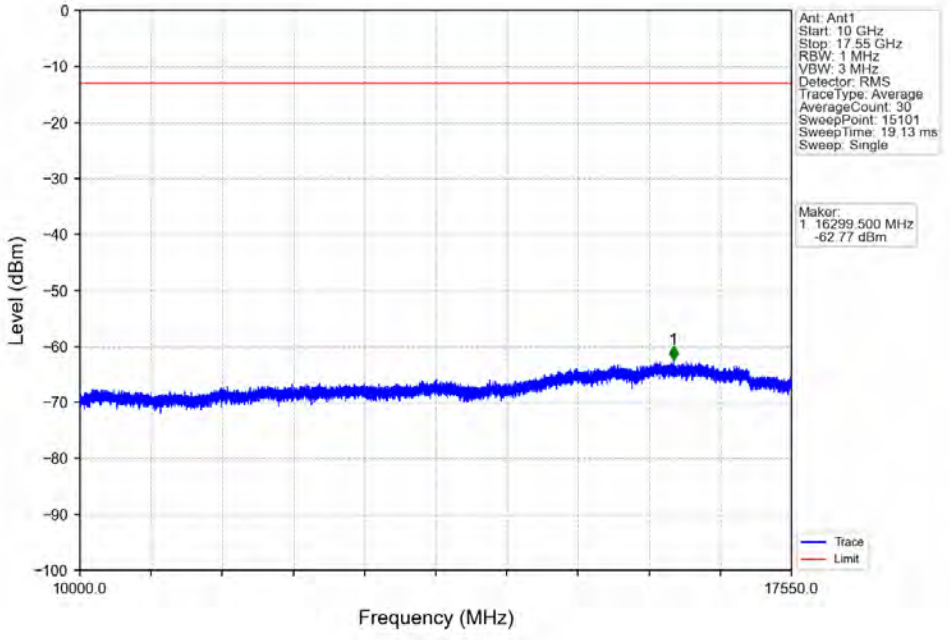
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



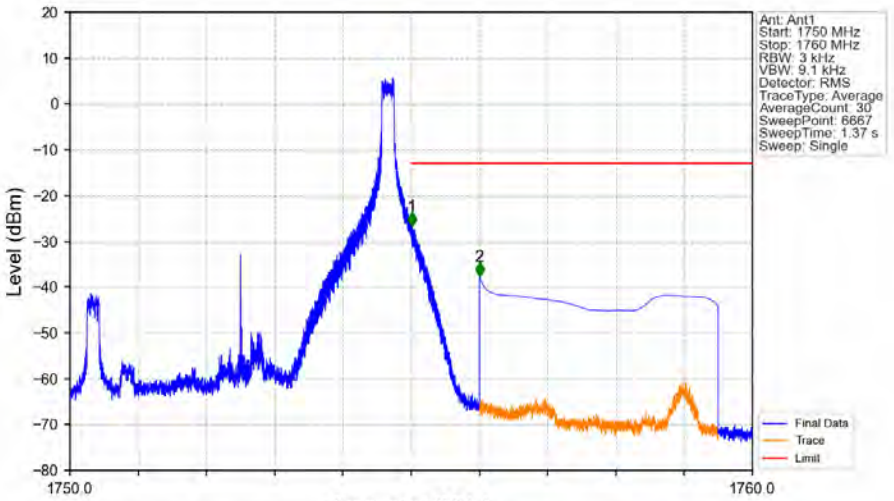
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

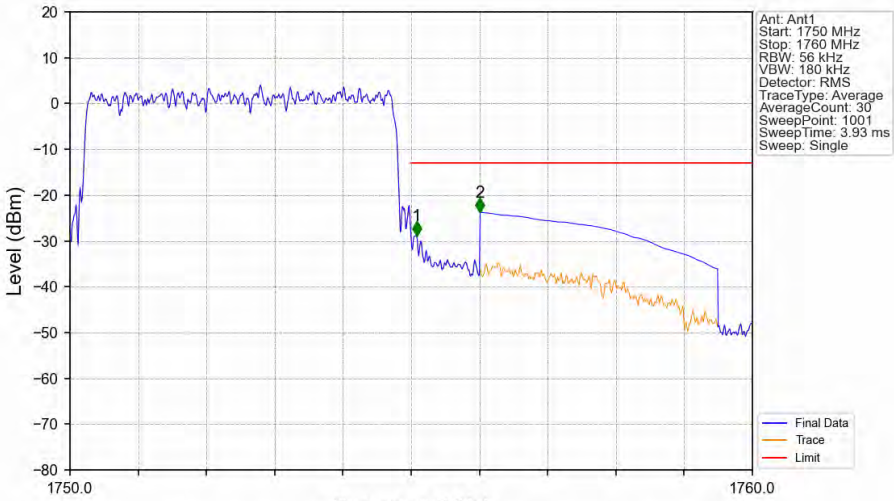


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



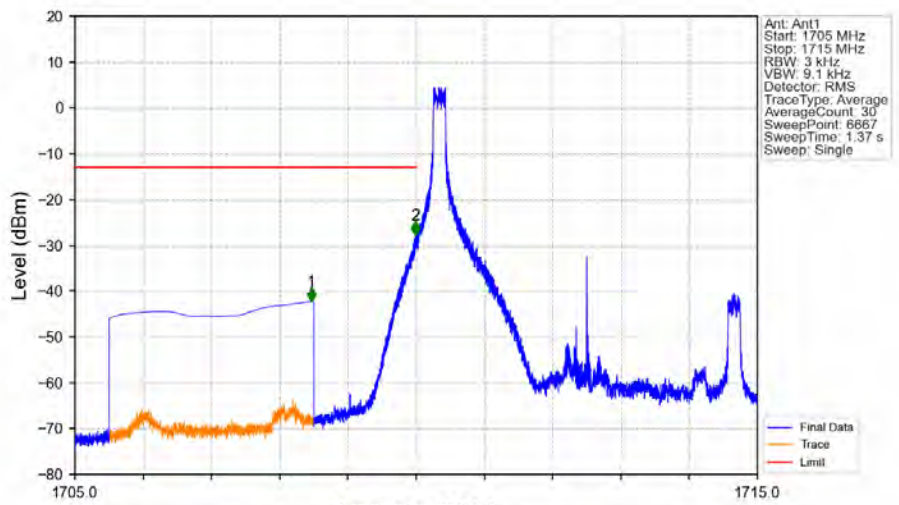
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-26.74	-13	Pass
1756	1760	1	CHP	2	1756.001	-37.69	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



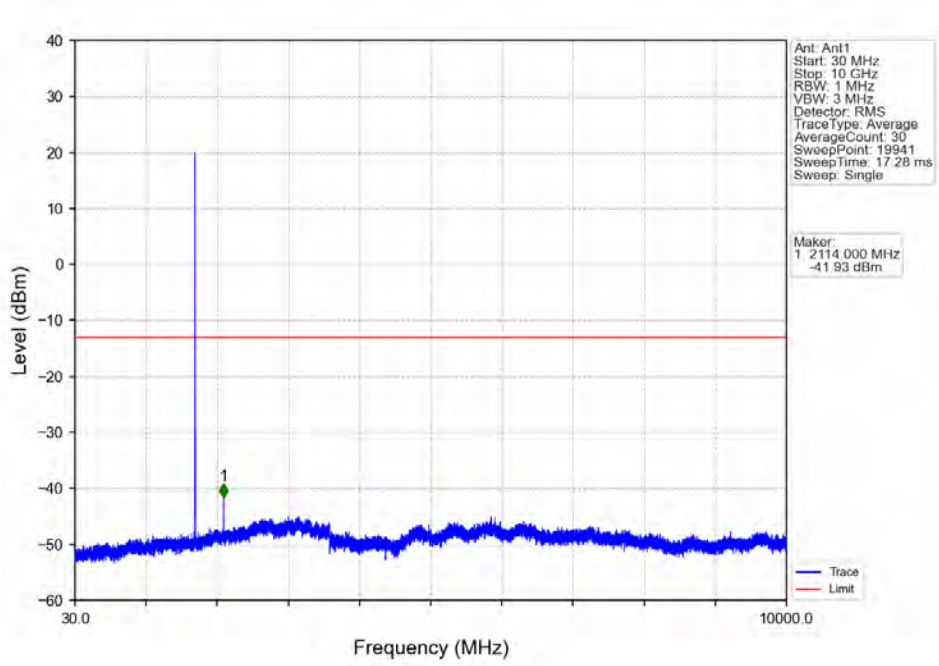
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	/	/	/	/	/
1755	1756	0.056	/	1	1755.080	-28.89	-13	Pass
1756	1760	1	CHP	2	1756.010	-23.74	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

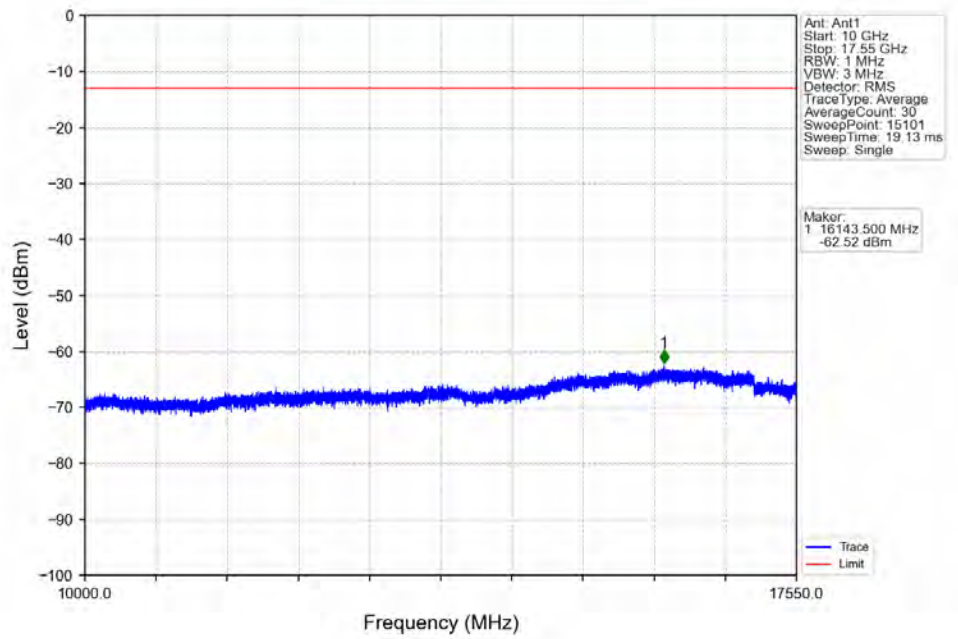


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.462	-42.33	-13	Pass
1709	1710	0.003	/	2	1709.991	-27.81	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

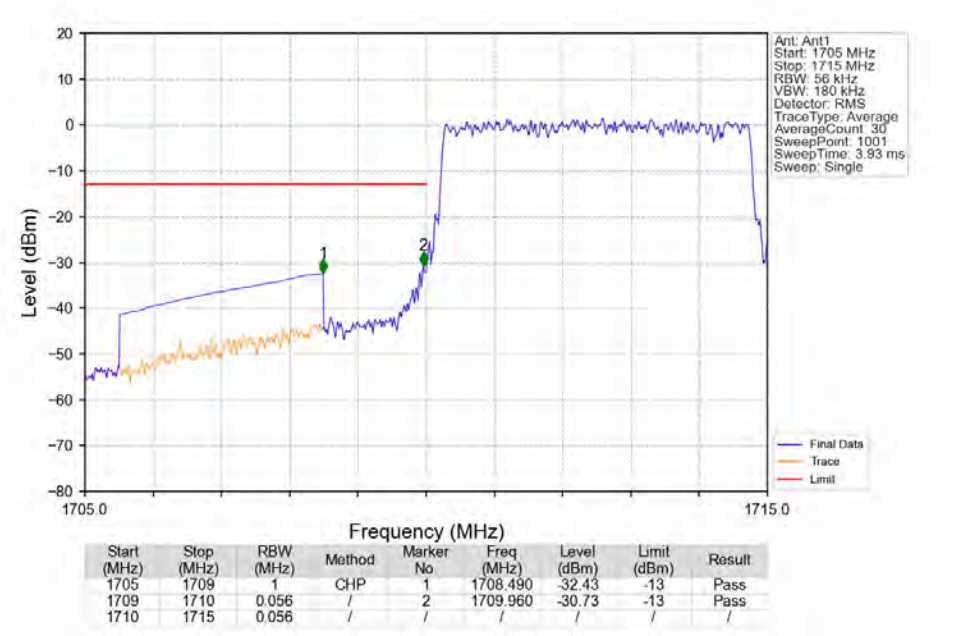
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

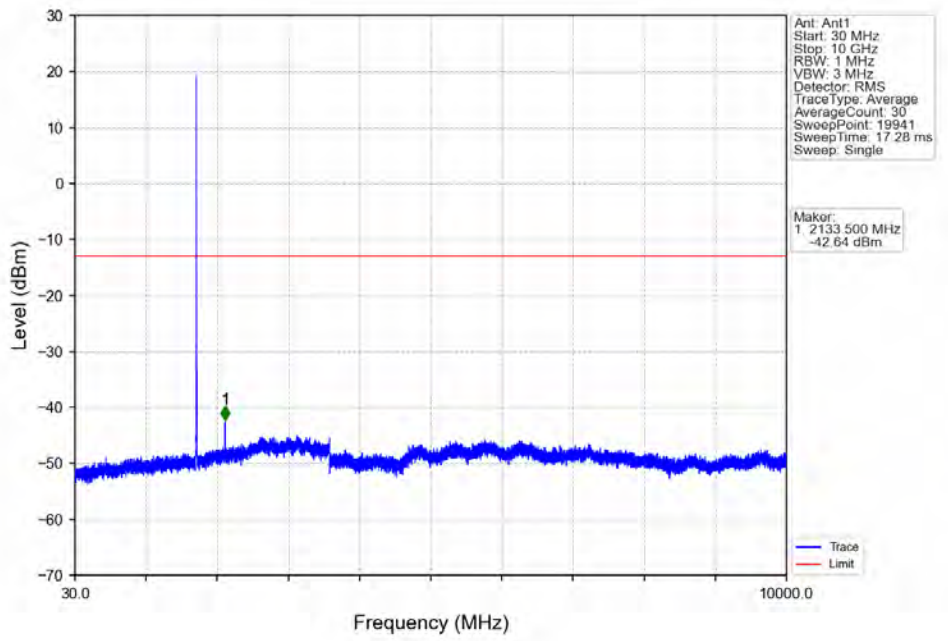


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

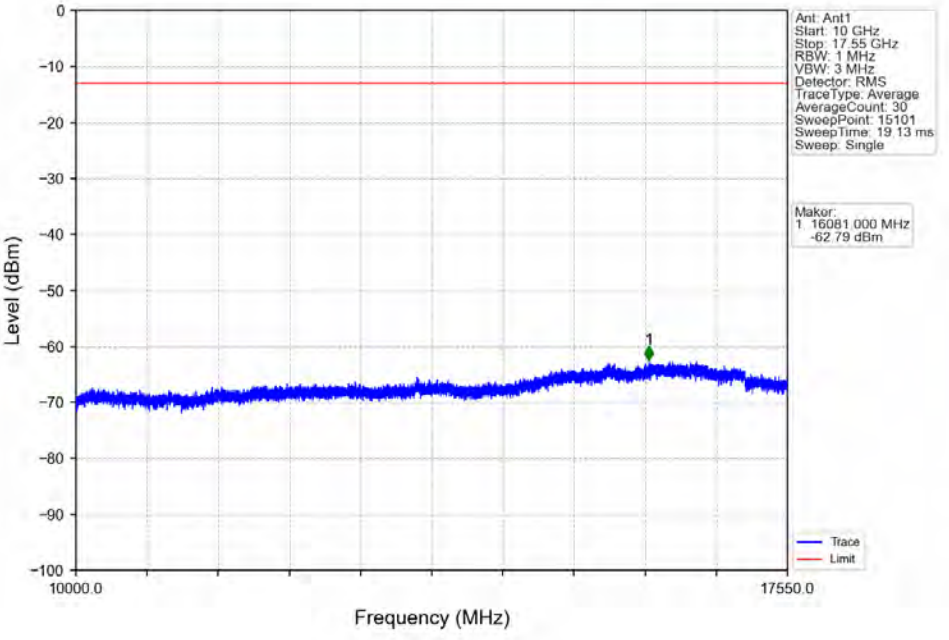


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-32.43	-13	Pass
1709	1710	0.056	/	2	1709.960	-30.73	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

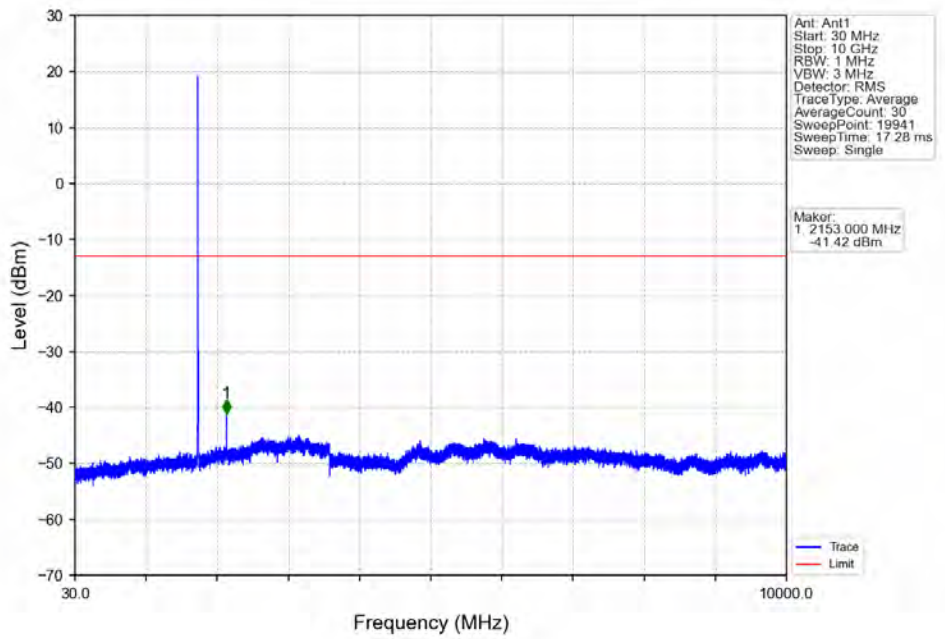
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



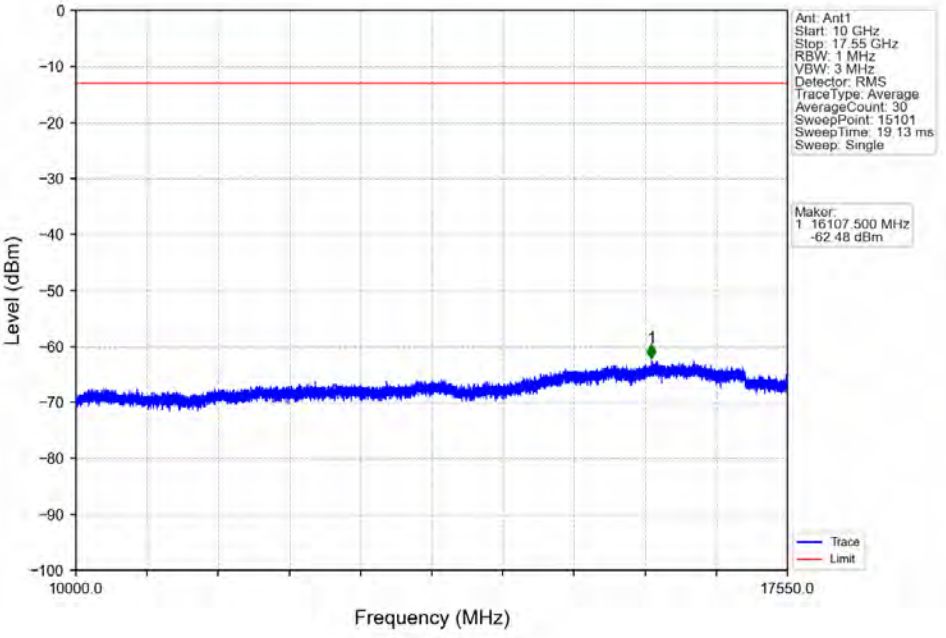
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



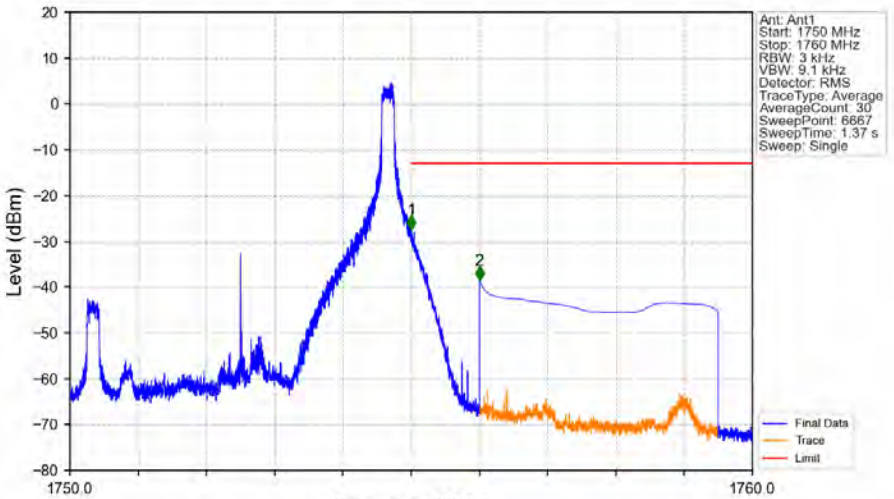
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

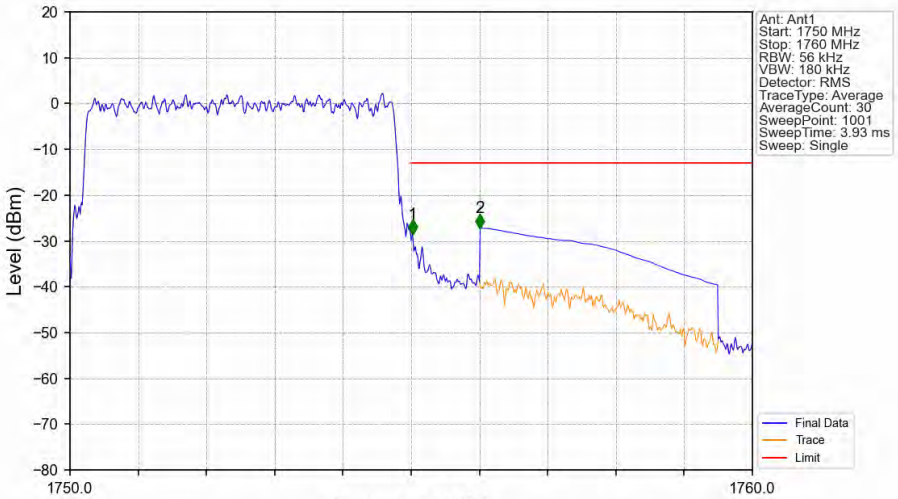


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-27.45	-13	Pass
1756	1760	1	CHP	2	1756.001	-38.50	-13	Pass

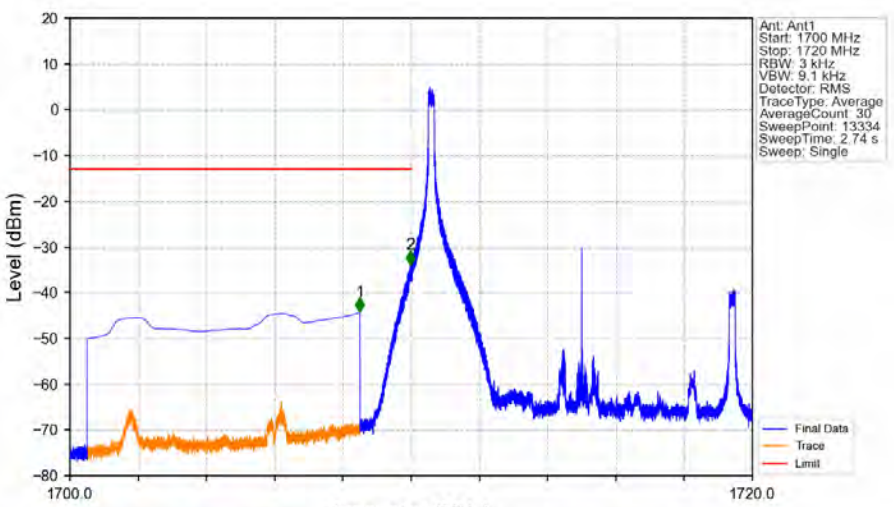
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	/	/	/	/	/
1755	1756	0.056	/	1	1755.020	-28.57	-13	Pass
1756	1760	1	CHP	2	1756.010	-27.18	-13	Pass

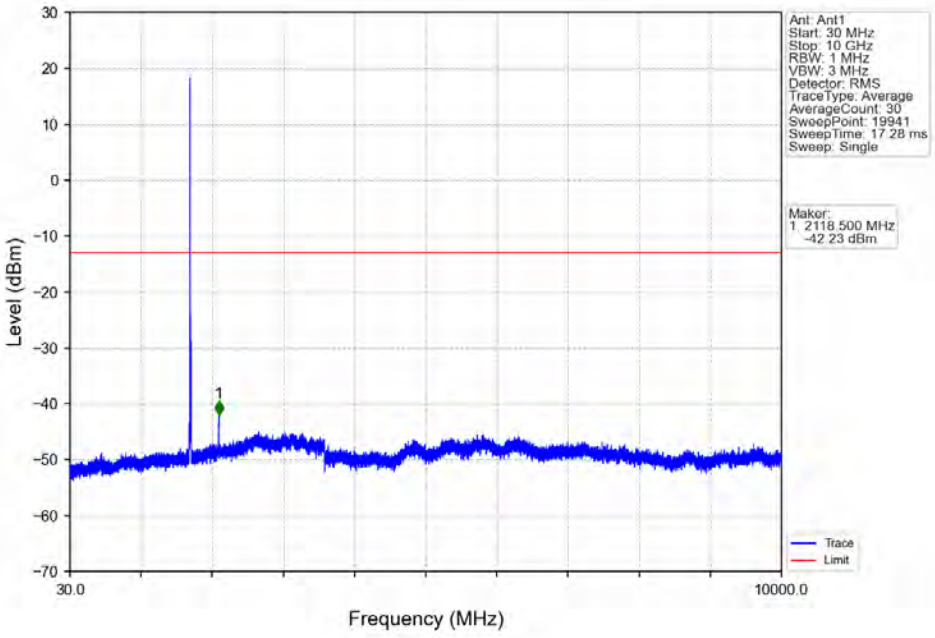
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

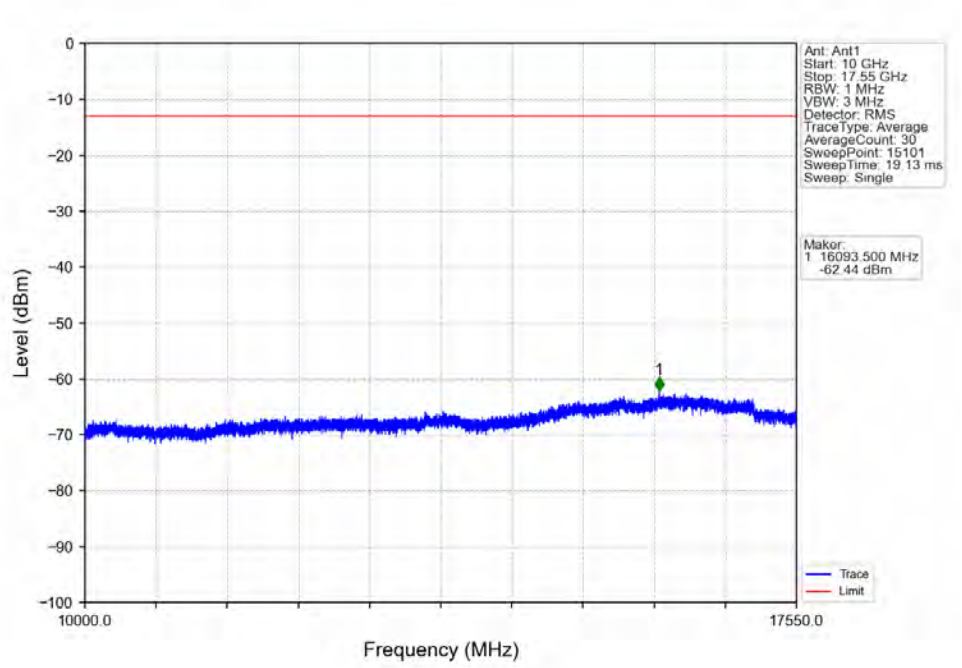


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.498	-44.21	-13	Pass
1709	1710	0.003	/	2	1709.987	-33.91	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

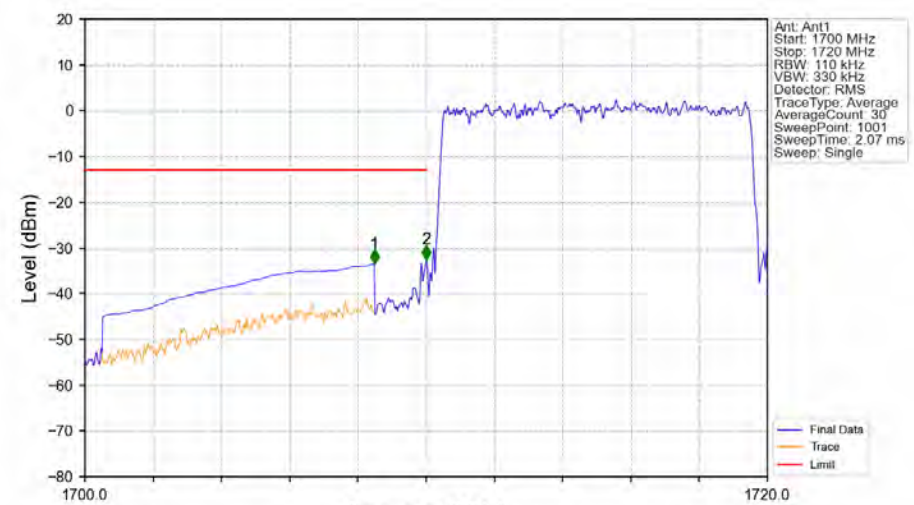
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

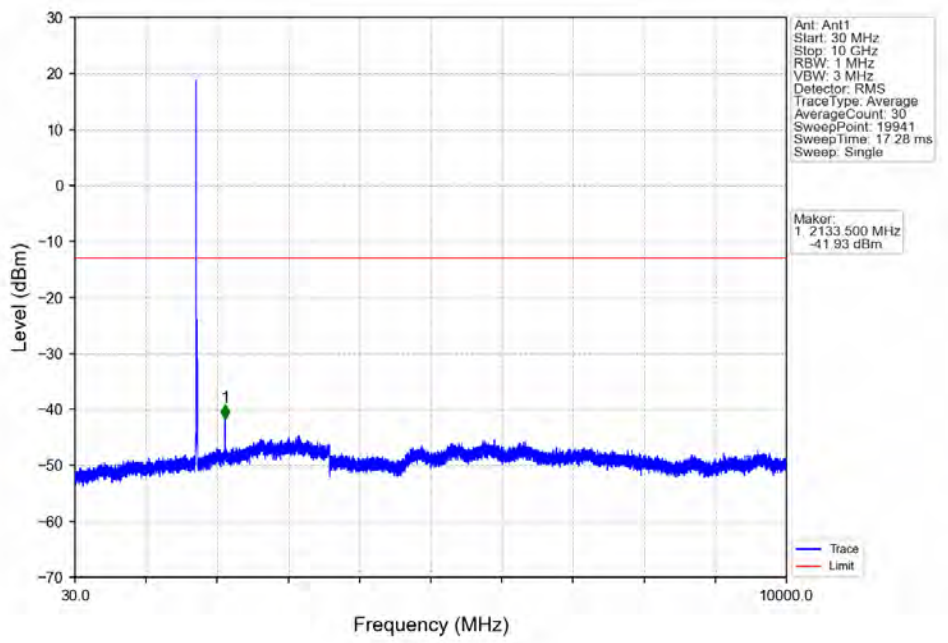


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

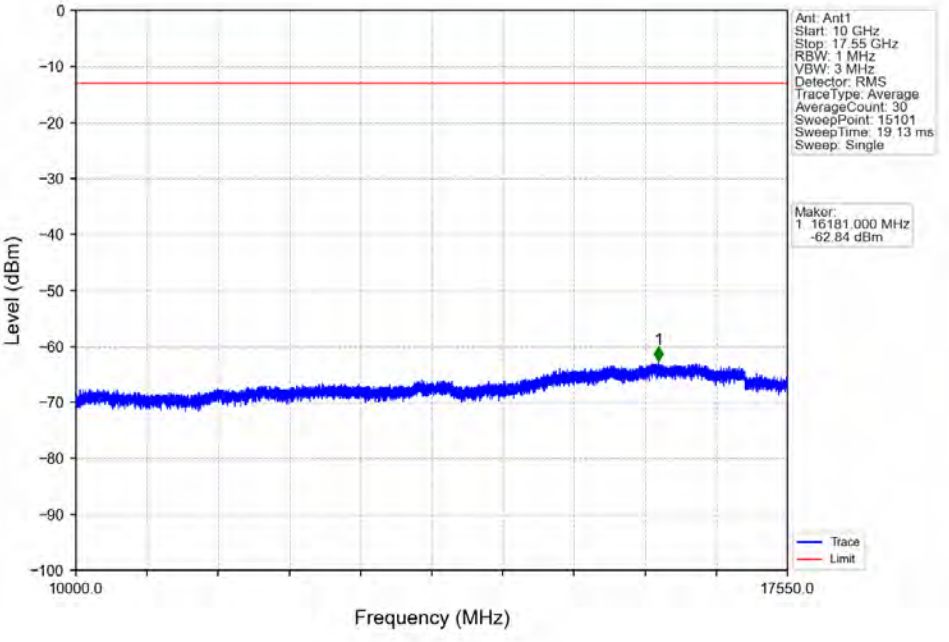


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-33.45	-13	Pass
1709	1710	0.11	/	2	1710.000	-32.49	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

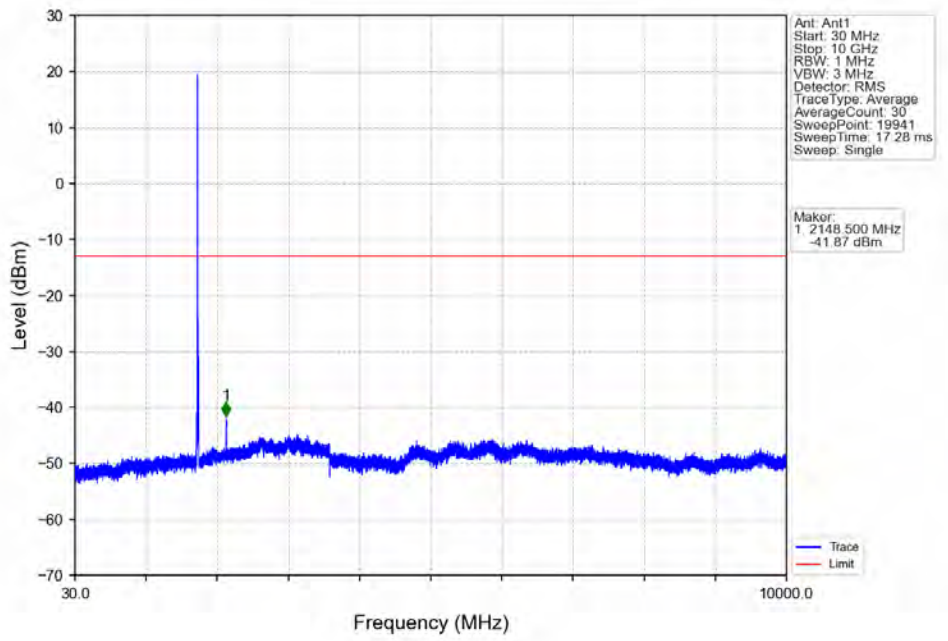
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



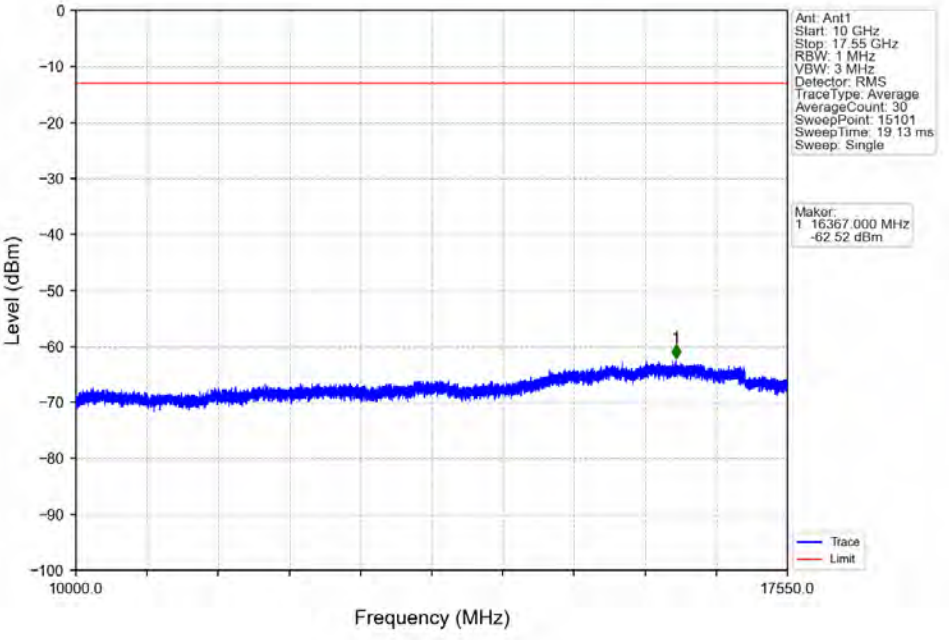
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



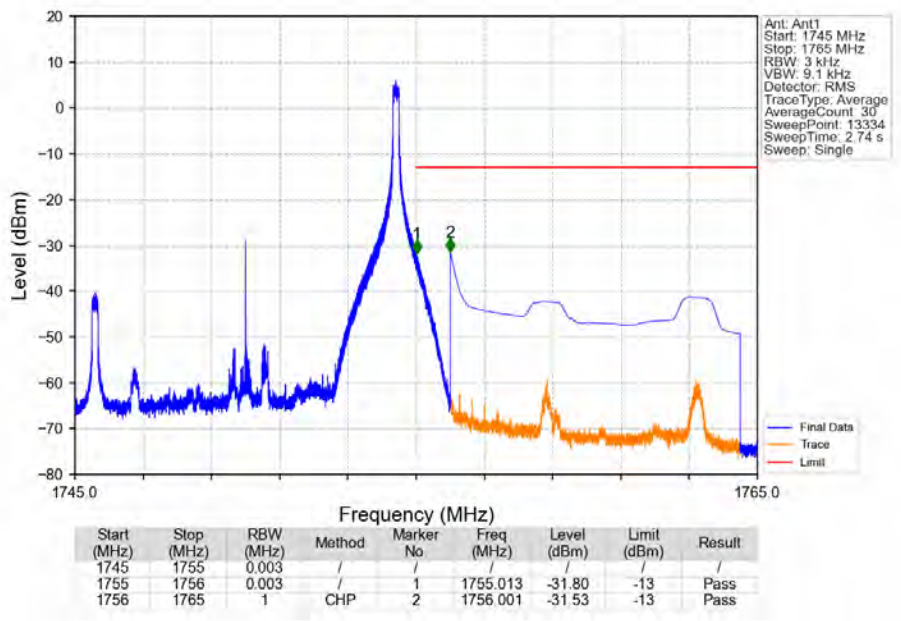
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

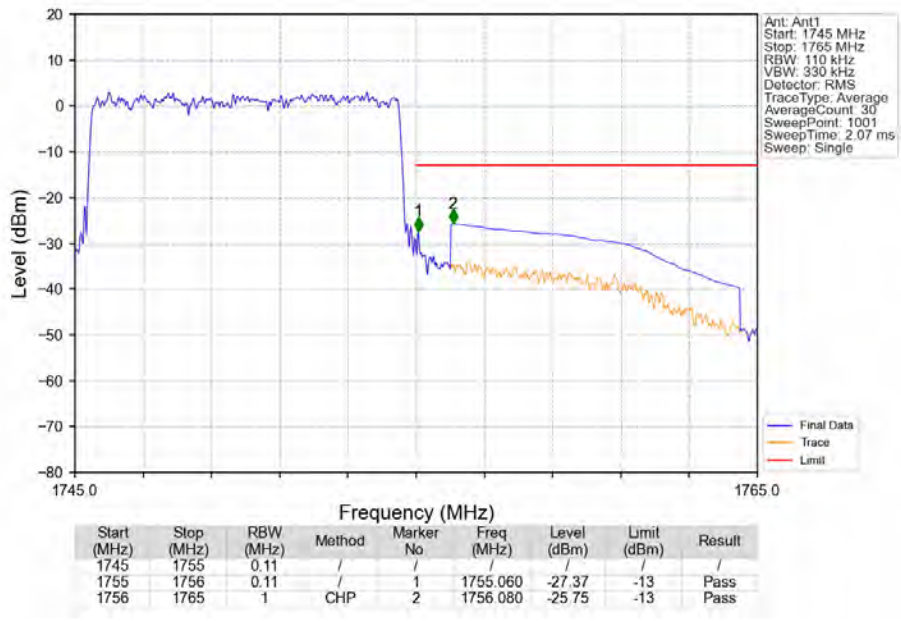


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



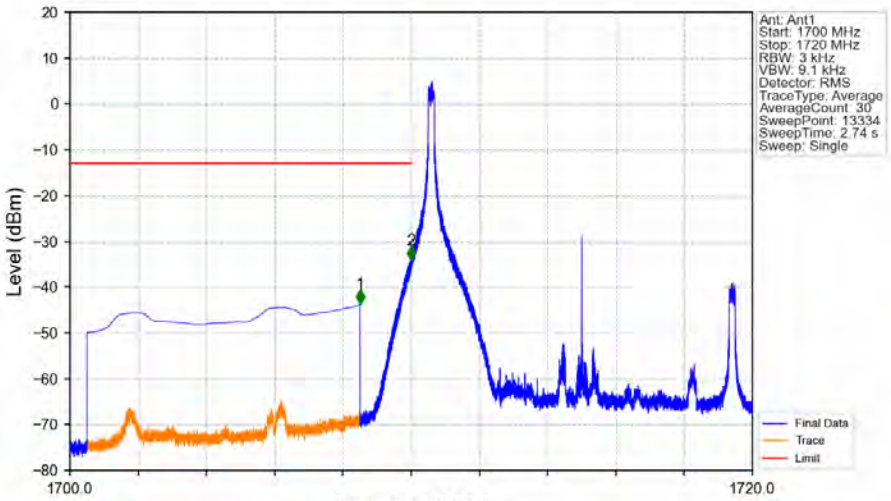
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.013	-31.80	-13	Pass
1756	1765	1	CHP	2	1756.001	-31.53	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



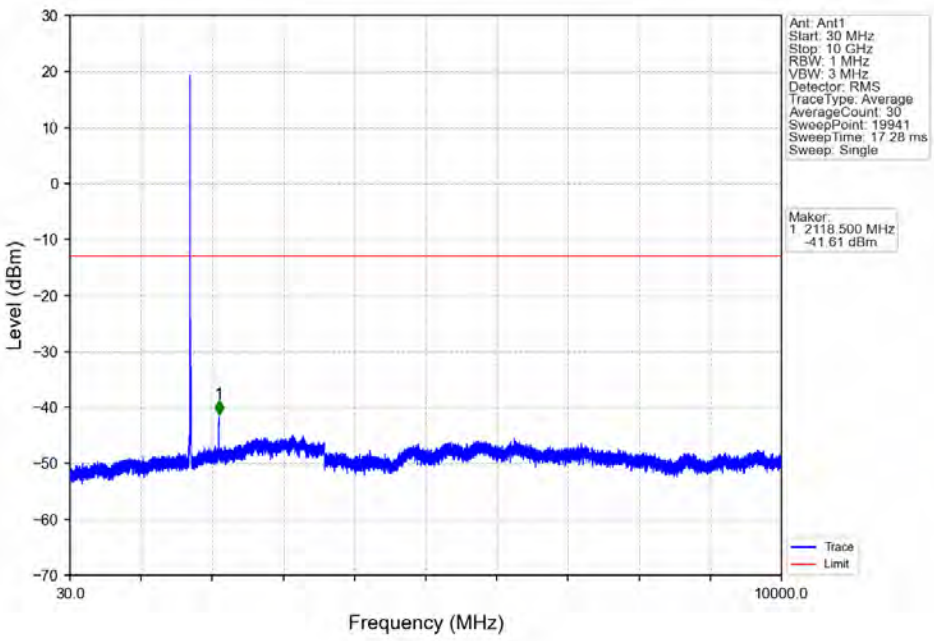
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.060	-27.37	-13	Pass
1756	1765	1	CHP	2	1756.080	-25.75	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

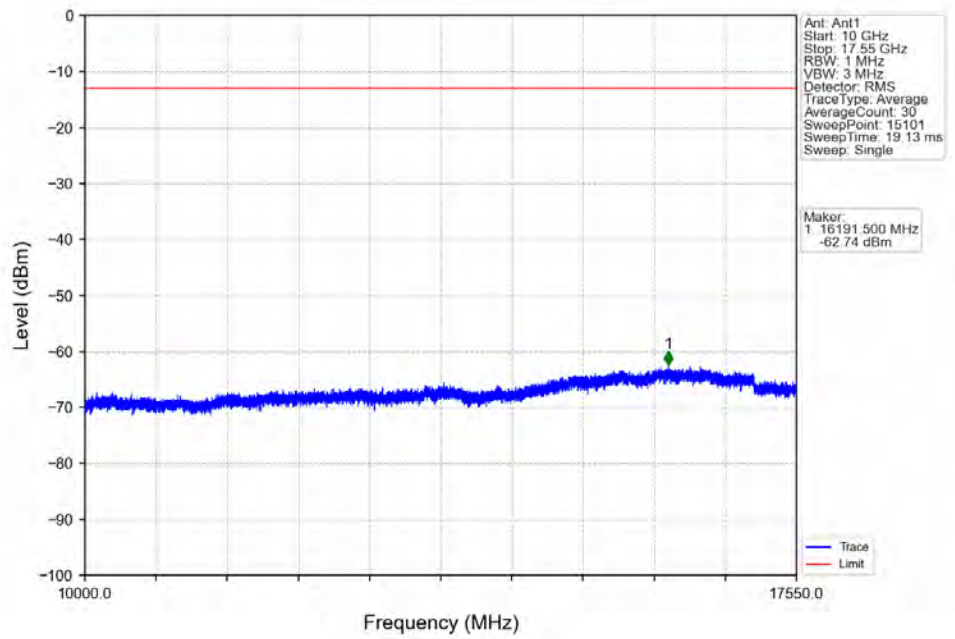


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-43.68	-13	Pass
1709	1710	0.003	/	2	1709.998	-34.17	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

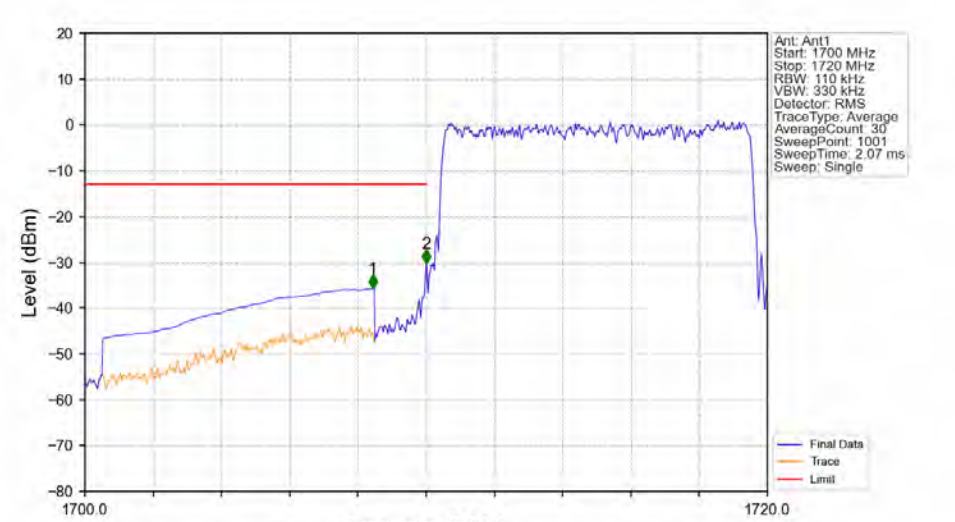
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

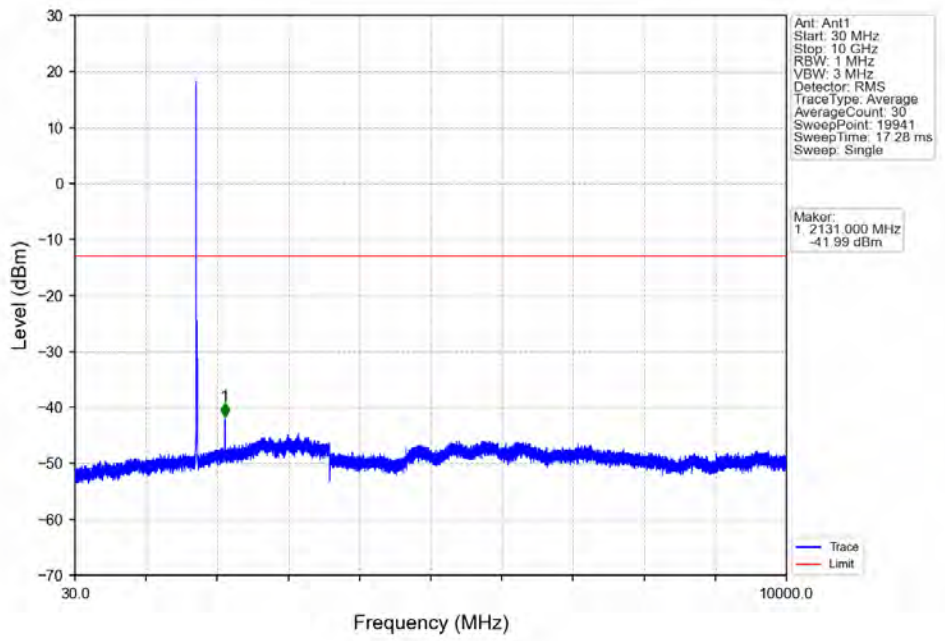


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

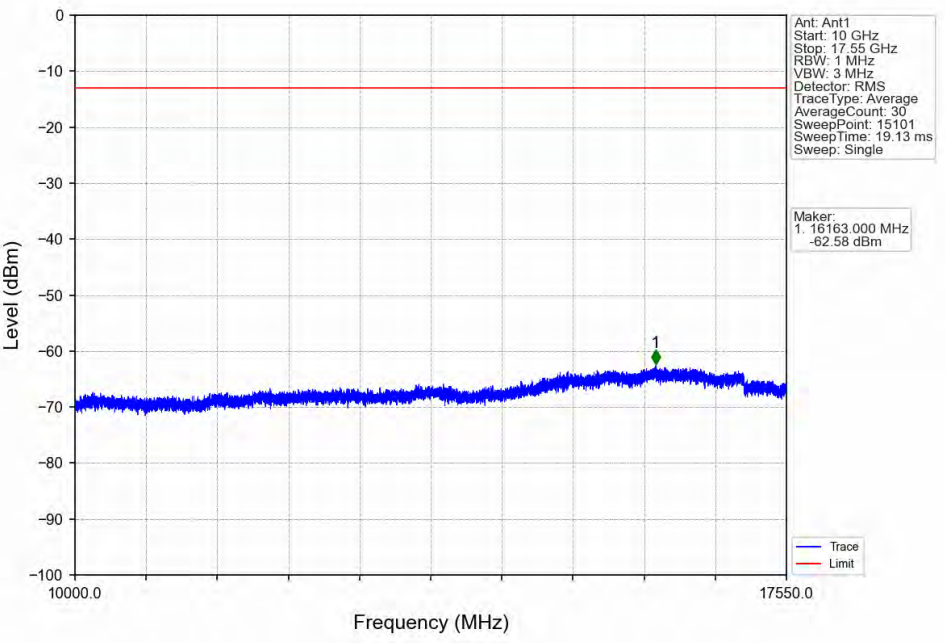


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.440	-35.79	-13	Pass
1709	1710	0.11	/	2	1710.000	-30.27	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

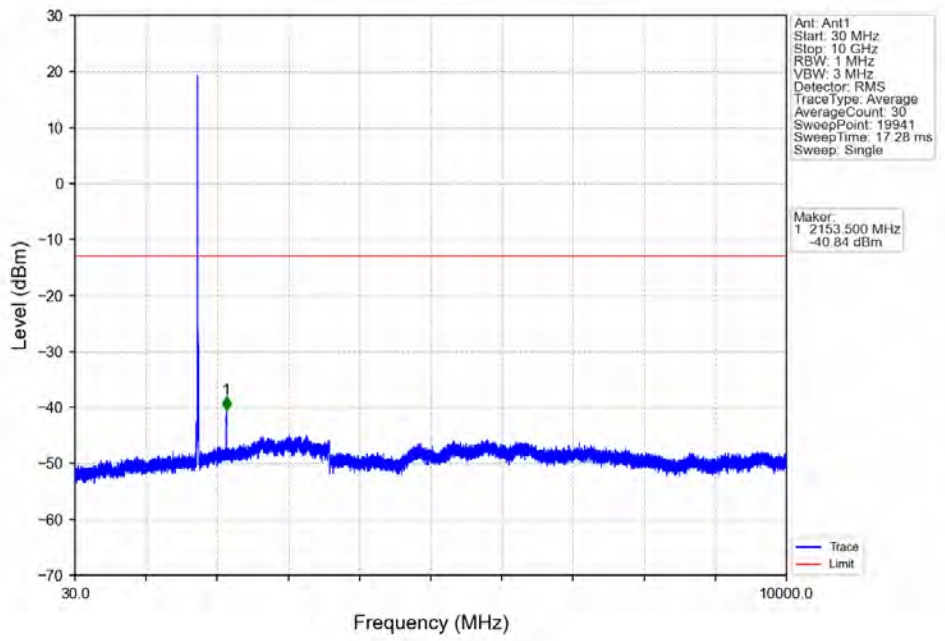
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



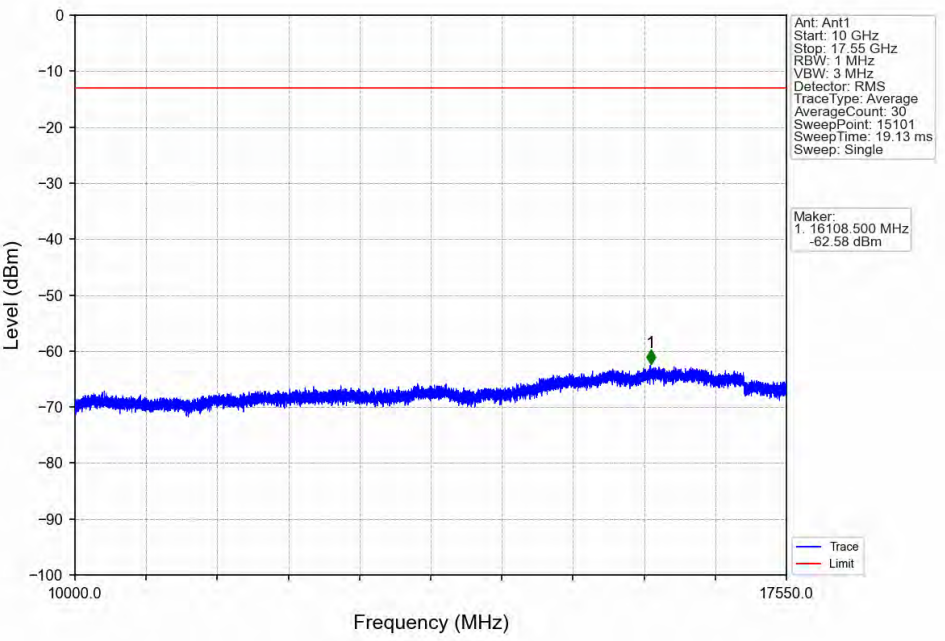
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



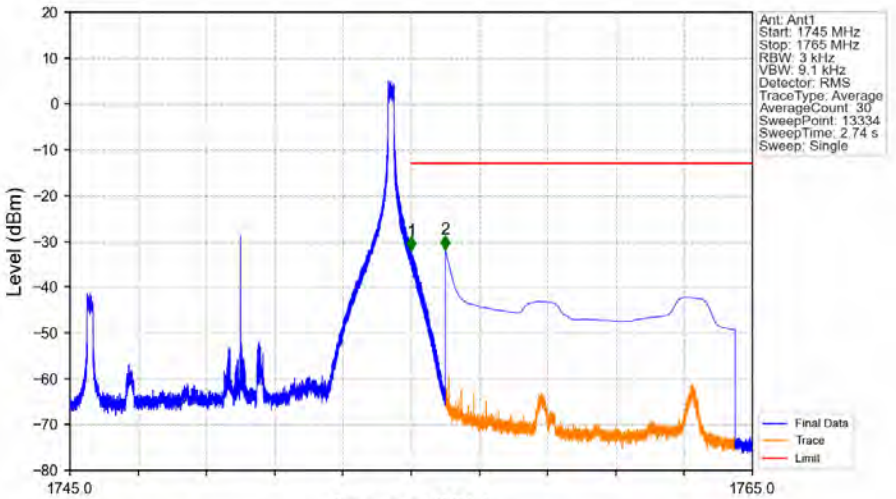
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

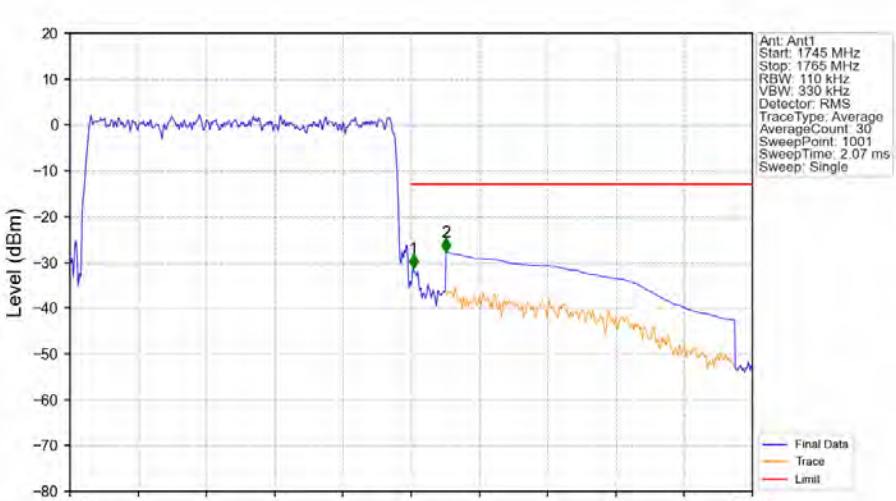


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.00	-13	Pass
1756	1765	1	CHP	2	1756.001	-31.79	-13	Pass

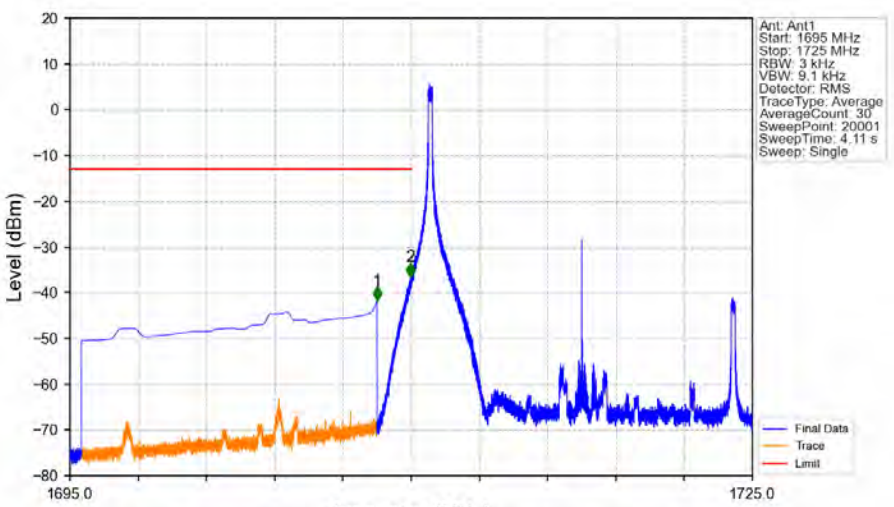
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.060	-31.30	-13	Pass
1756	1765	1	CHP	2	1756.020	-27.83	-13	Pass

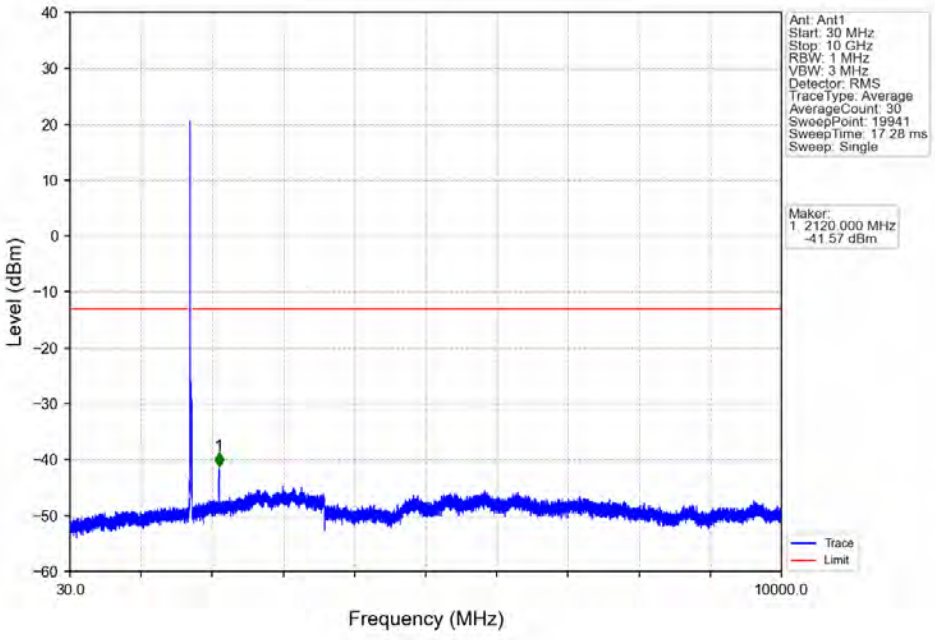
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

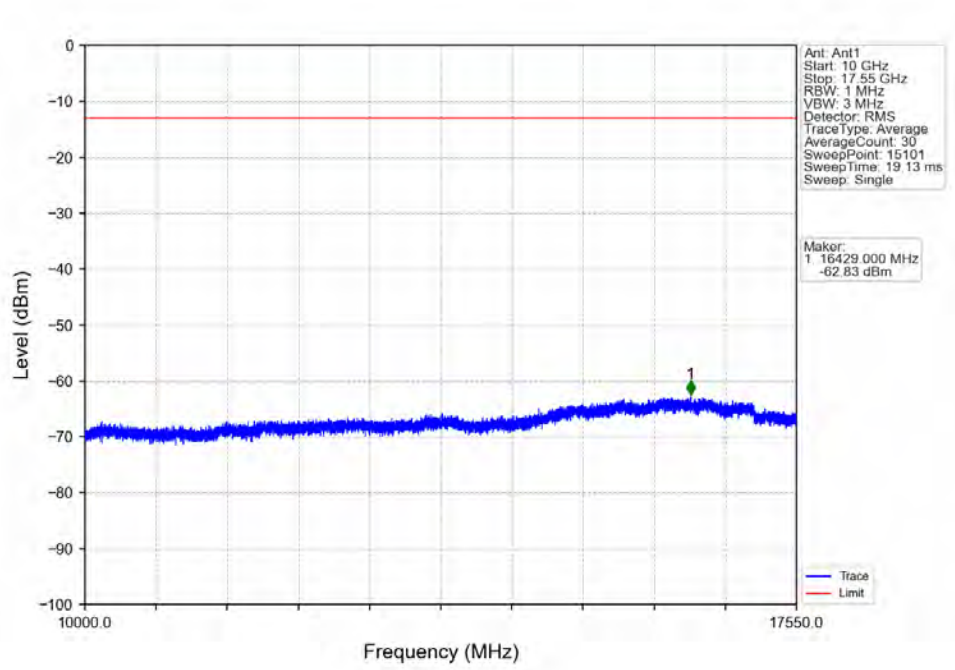


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-41.70	-13	Pass
1709	1710	0.003	/	2	1709.982	-36.52	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

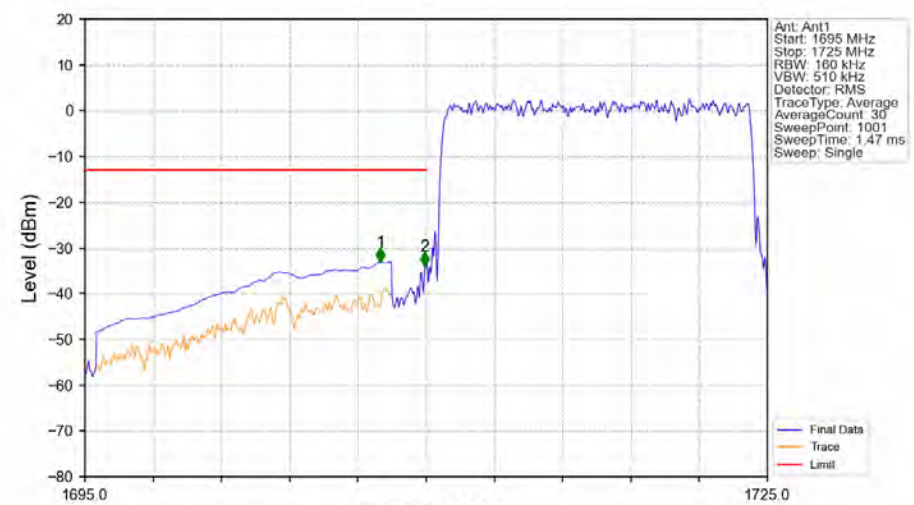
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

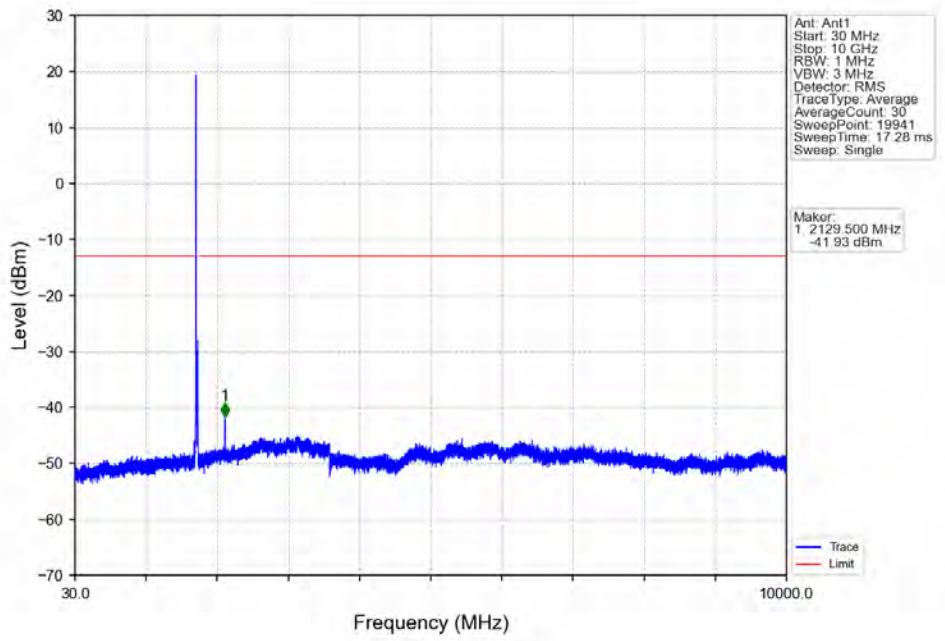


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

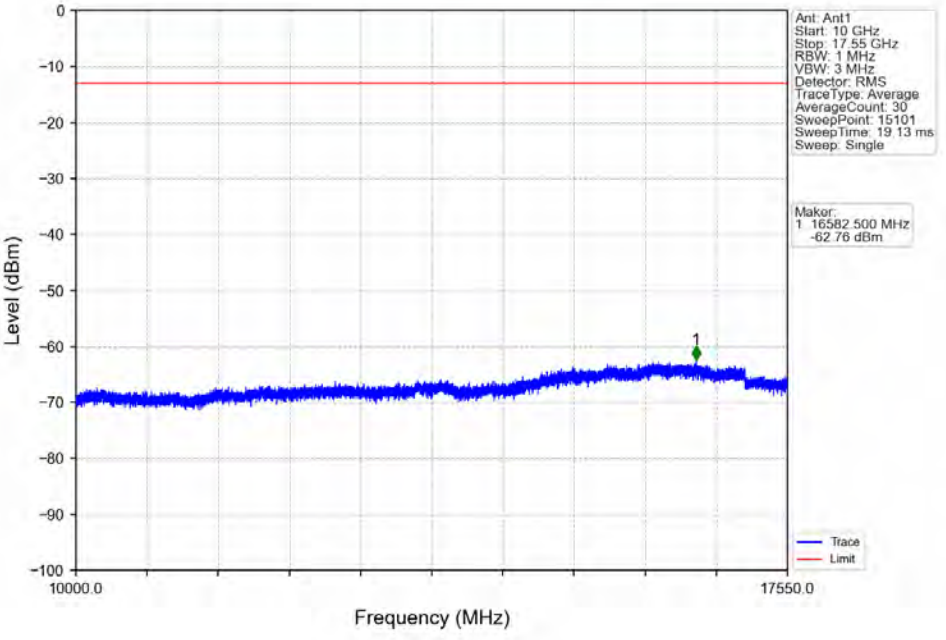


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.990	-33.03	-13	Pass
1709	1710	0.16	/	2	1709.940	-33.92	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

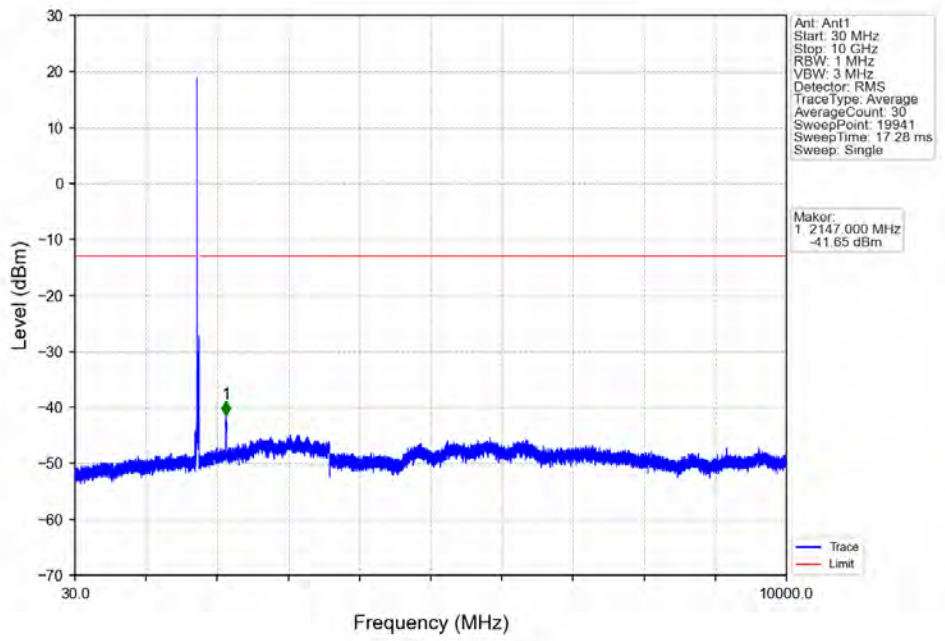
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



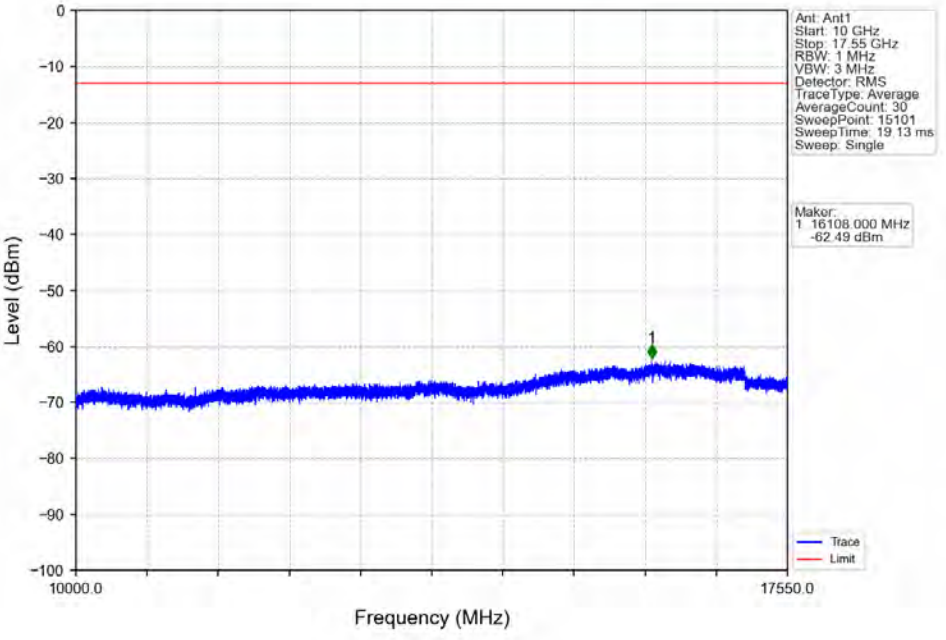
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



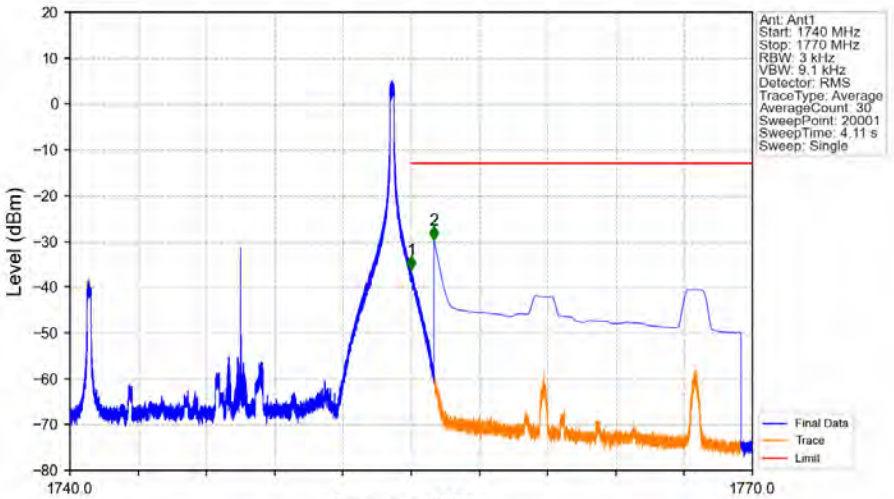
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

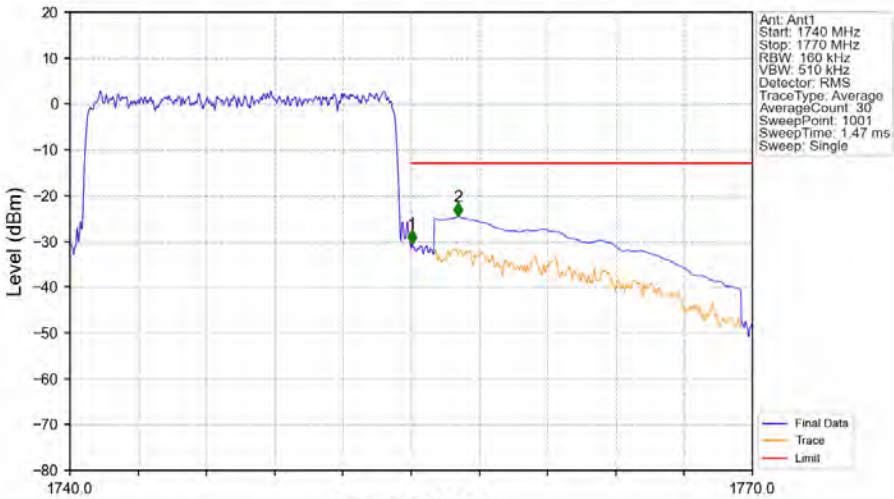


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



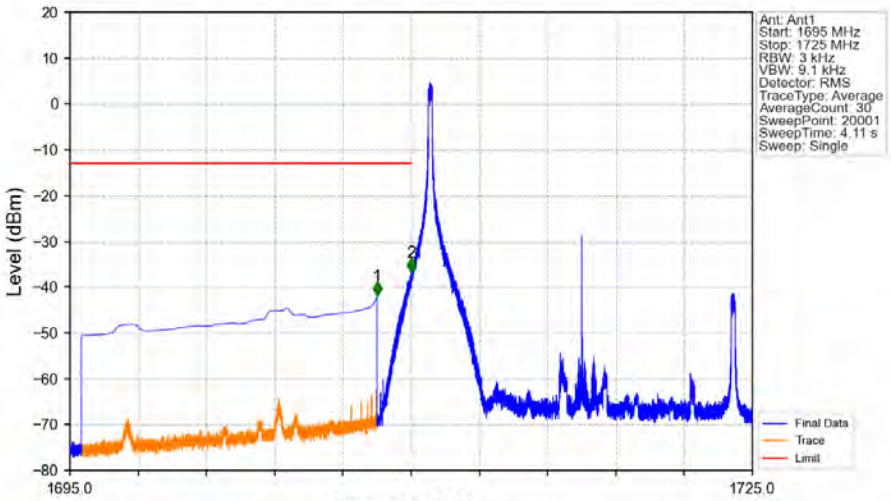
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-36.28	-13	Pass
1756	1770	1	CHP	2	1756.001	-29.73	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



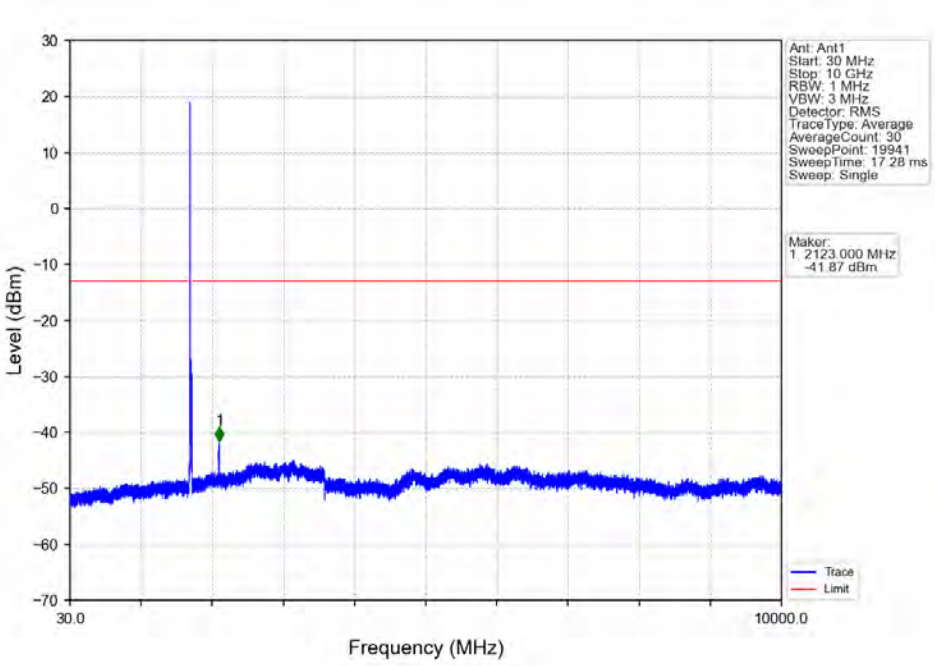
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.030	-30.69	-13	Pass
1756	1770	1	CHP	2	1757.070	-24.68	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

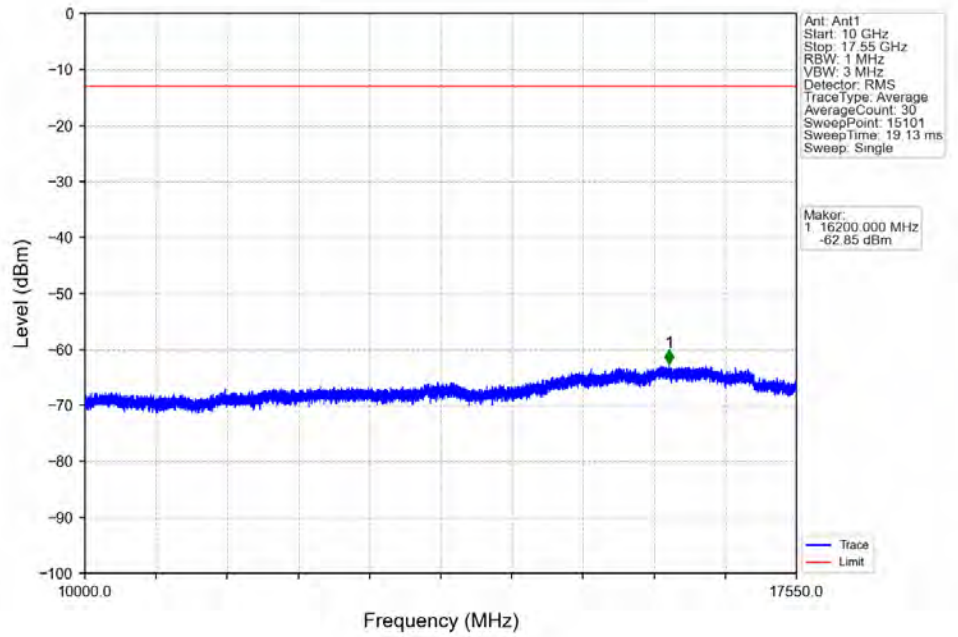


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-41.98	-13	Pass
1709	1710	0.003	/	2	1709.997	-36.76	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

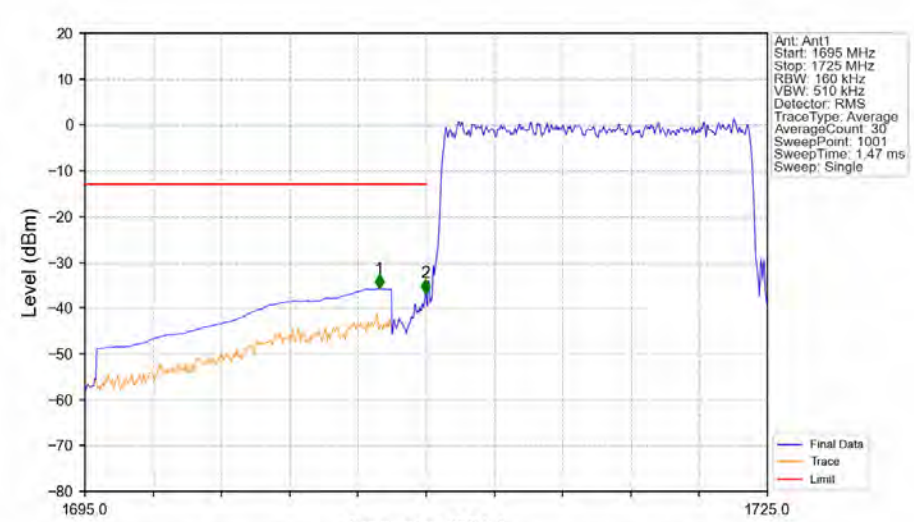
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

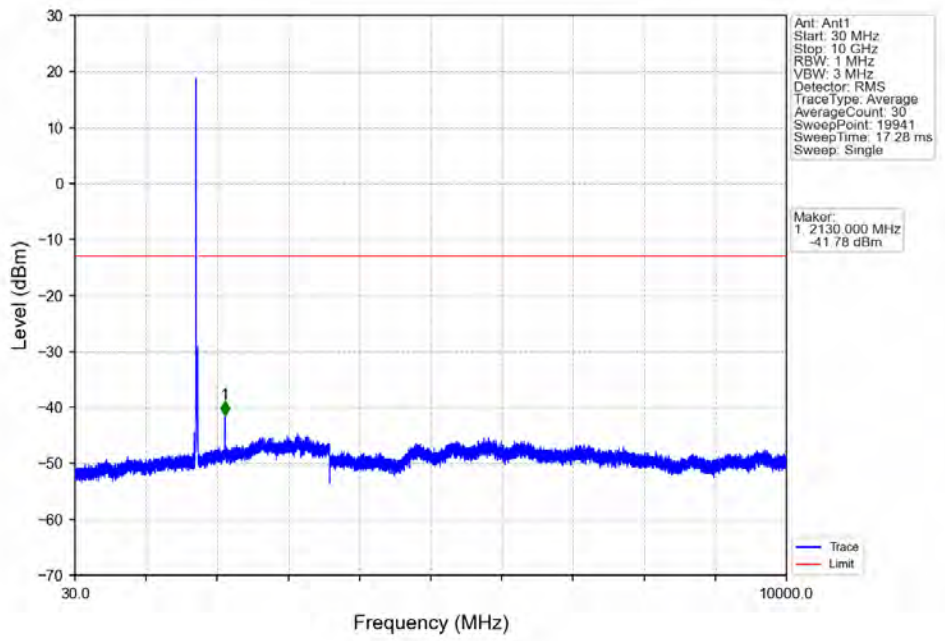


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

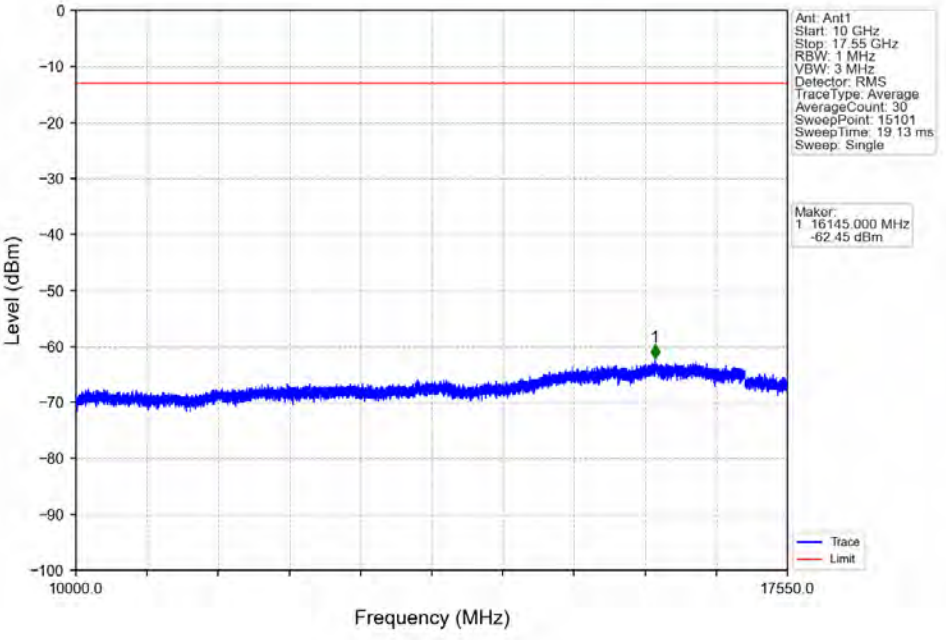


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.930	-35.80	-13	Pass
1709	1710	0.16	/	2	1709.970	-36.71	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

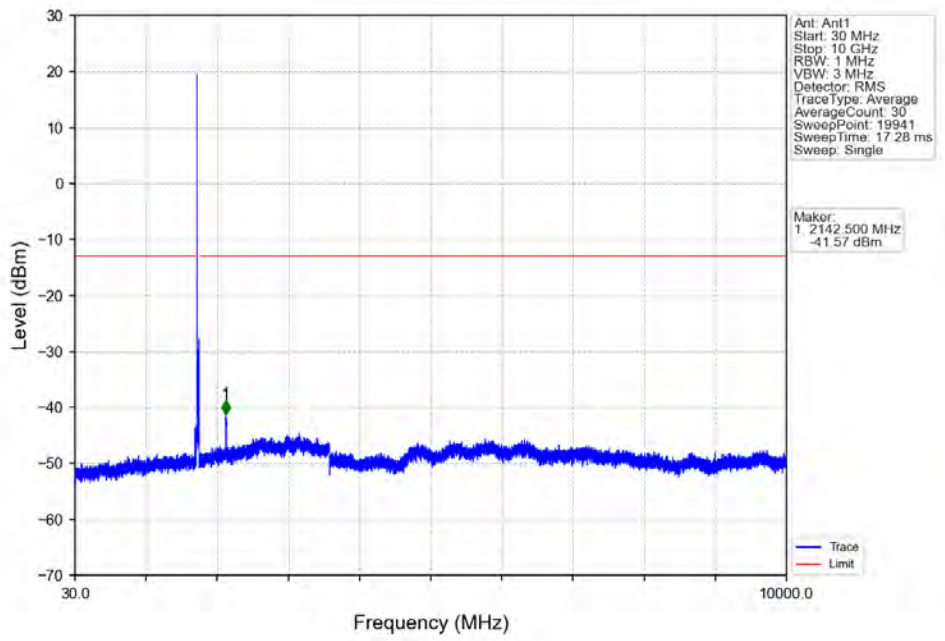
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



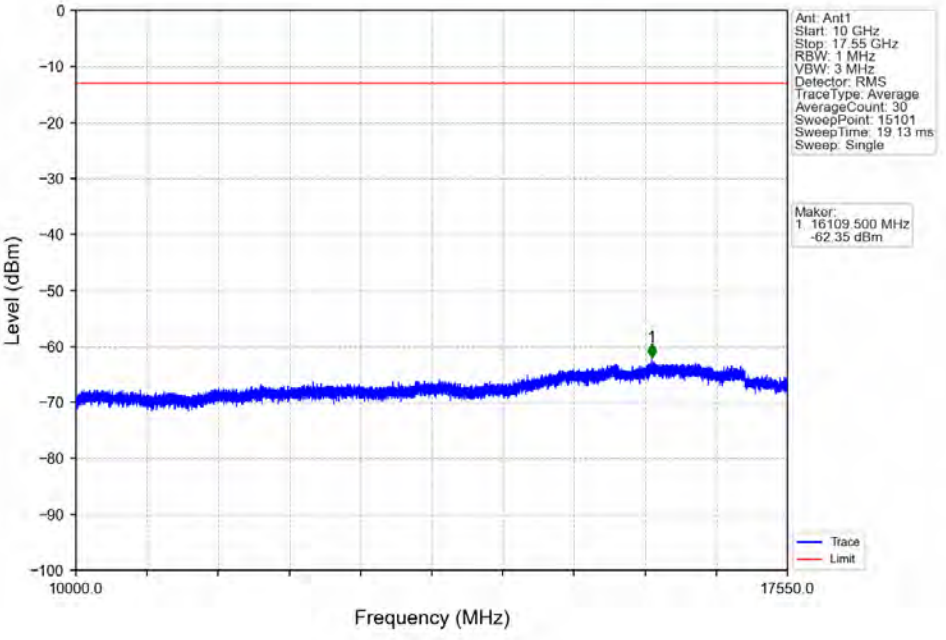
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



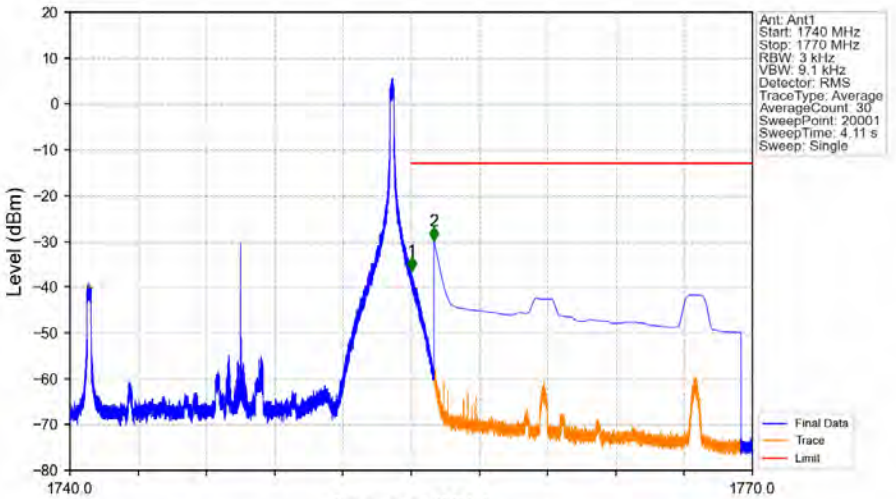
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

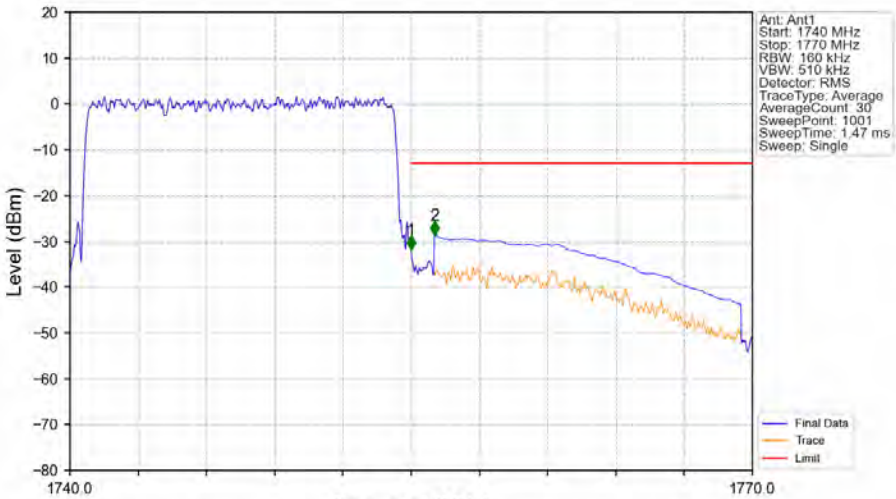


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.018	-36.50	-13	Pass
1756	1770	1	CHP	2	1756.001	-29.86	-13	Pass

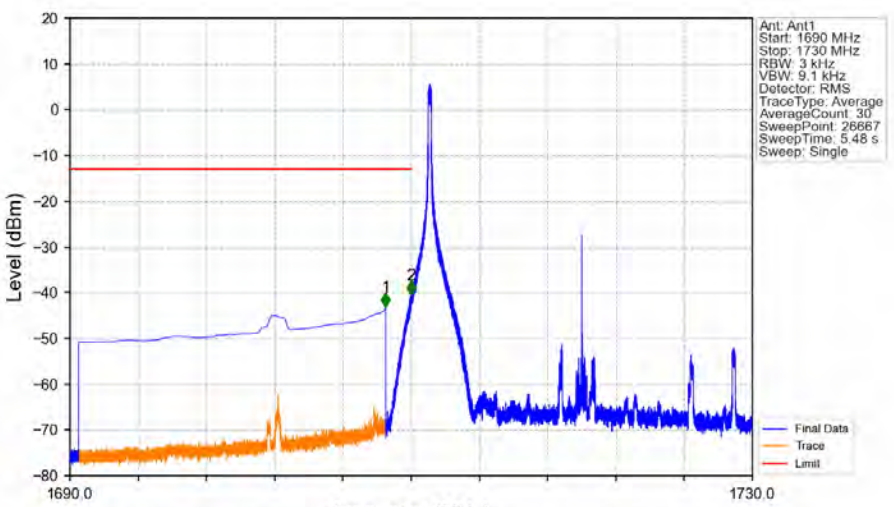
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.000	-31.91	-13	Pass
1756	1770	1	CHP	2	1756.020	-28.67	-13	Pass

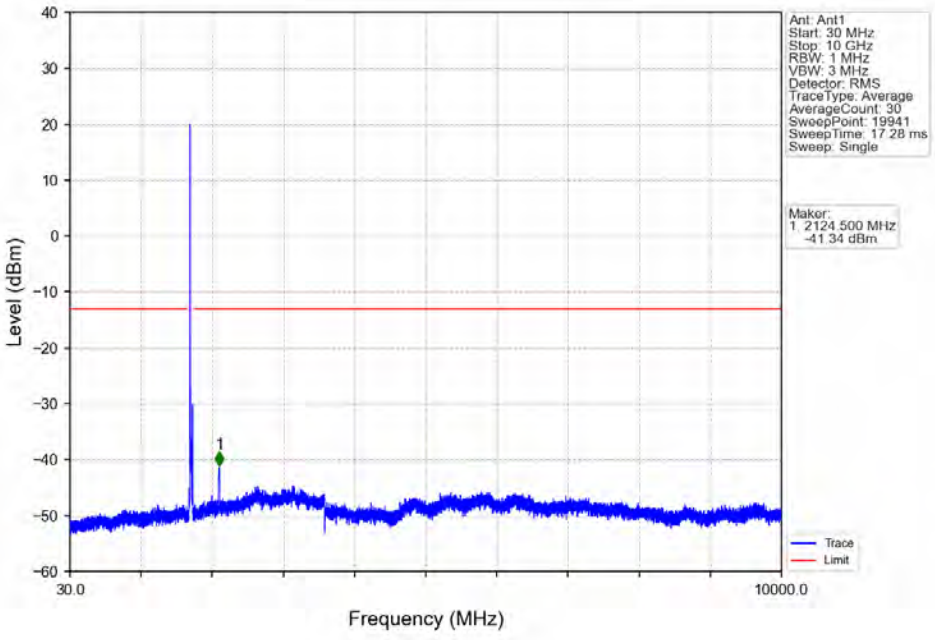
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

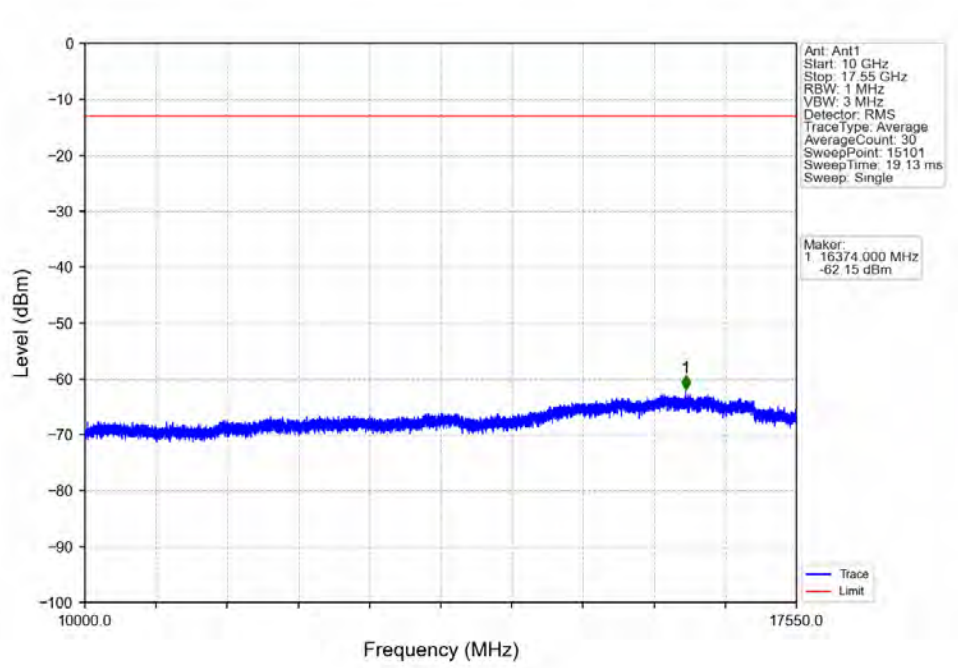


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-43.20	-13	Pass
1709	1710	0.003	/	2	1709.995	-40.48	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

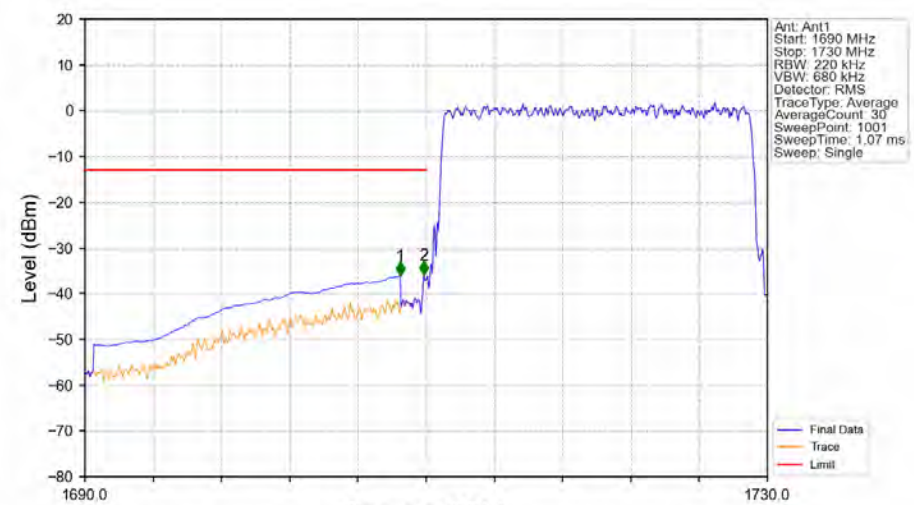
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

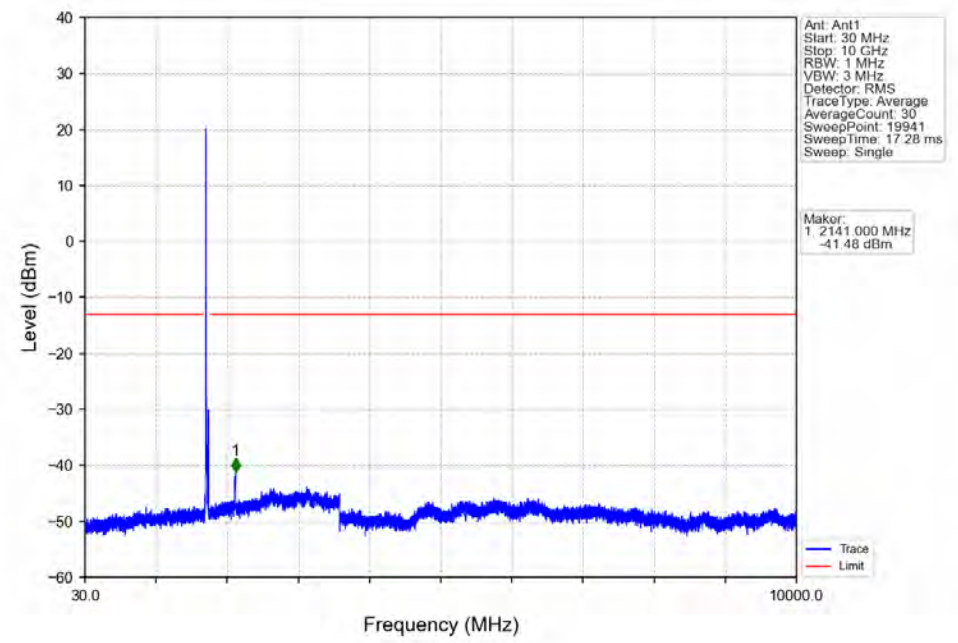


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

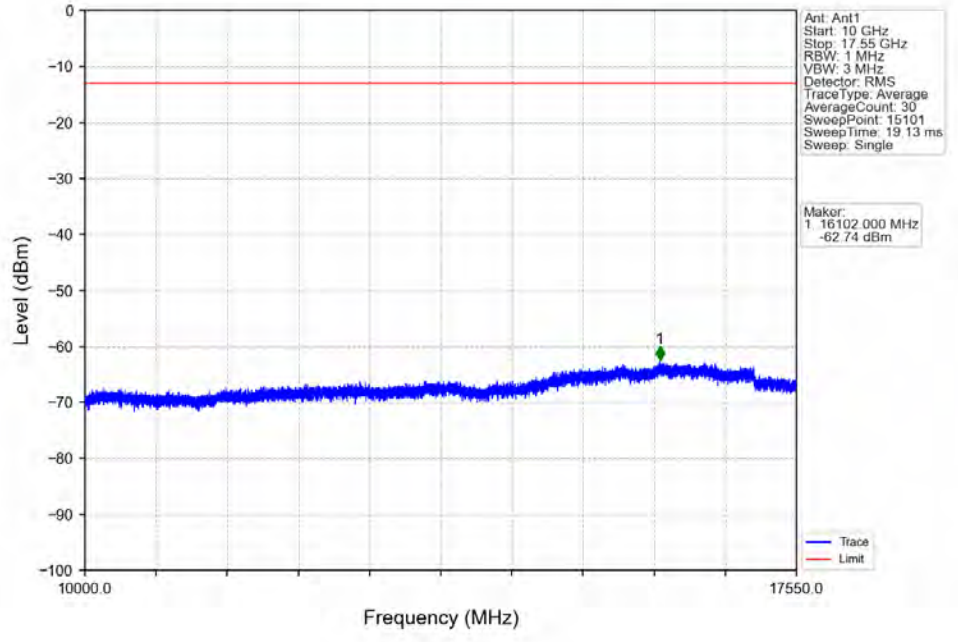


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-36.11	-13	Pass
1709	1710	0.22	/	2	1709.880	-35.89	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

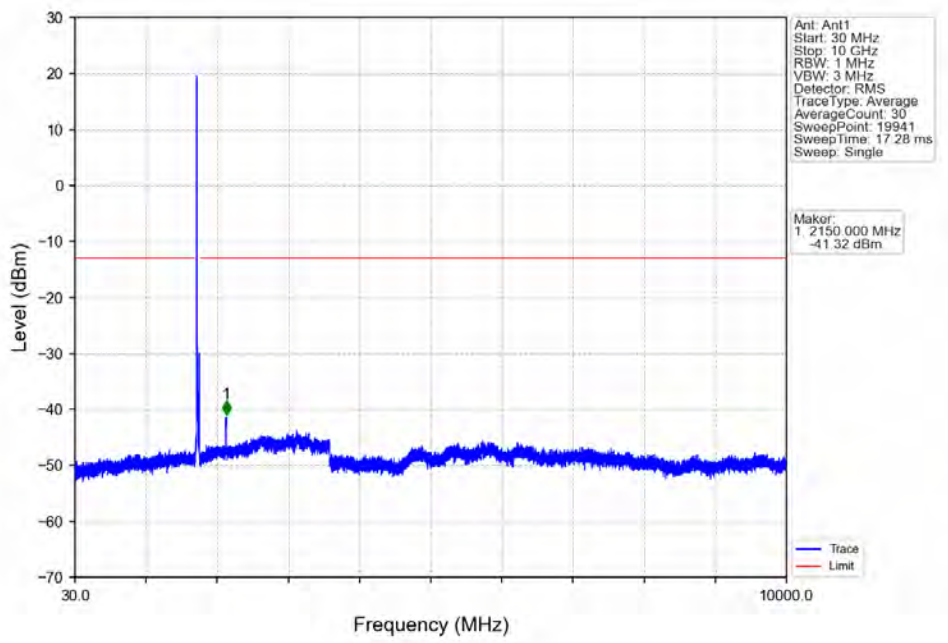
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



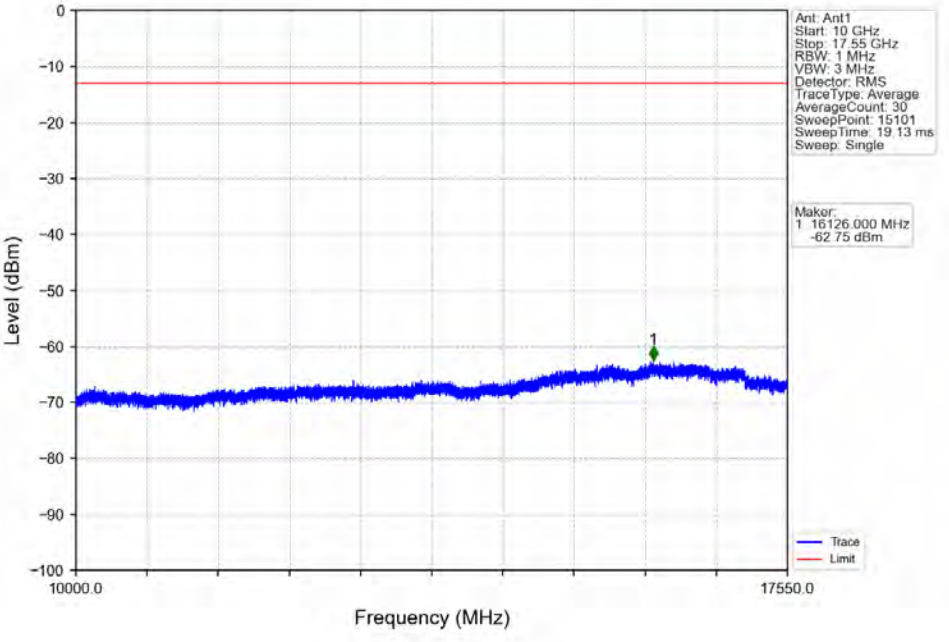
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



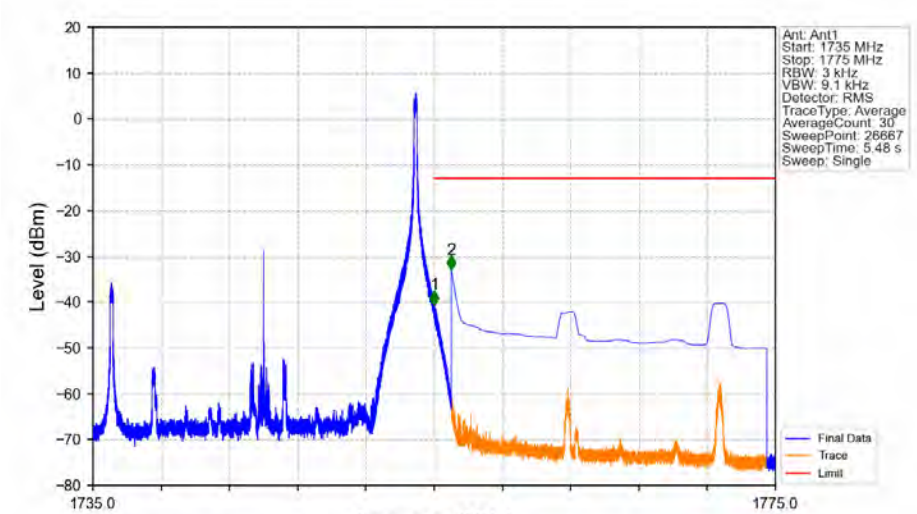
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

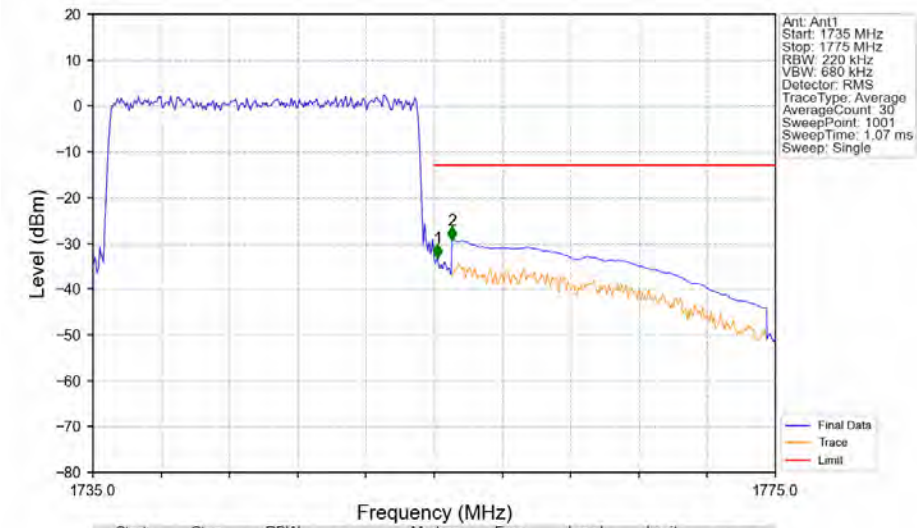


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



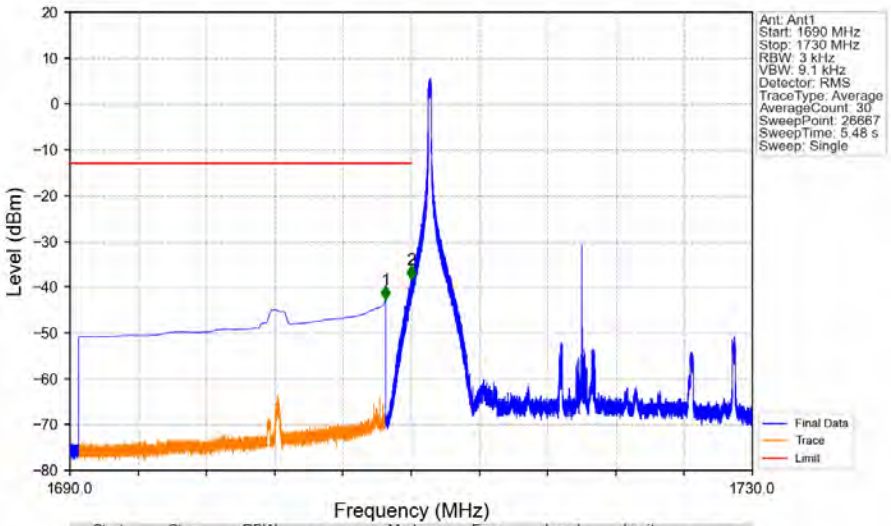
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.015	-40.58	-13	Pass
1756	1775	1	CHP	2	1756.001	-32.89	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



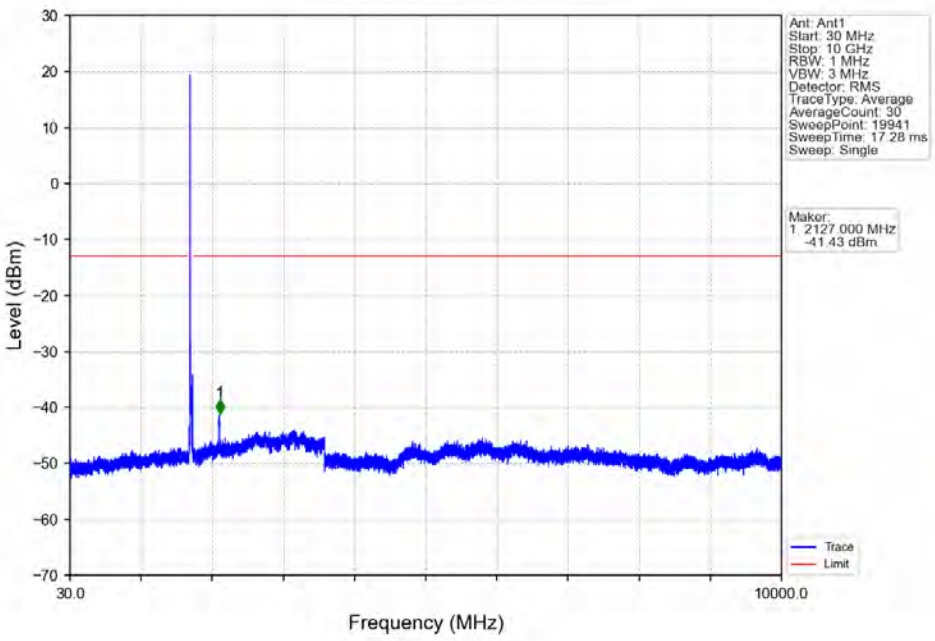
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.200	-33.28	-13	Pass
1756	1775	1	CHP	2	1756.040	-29.36	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

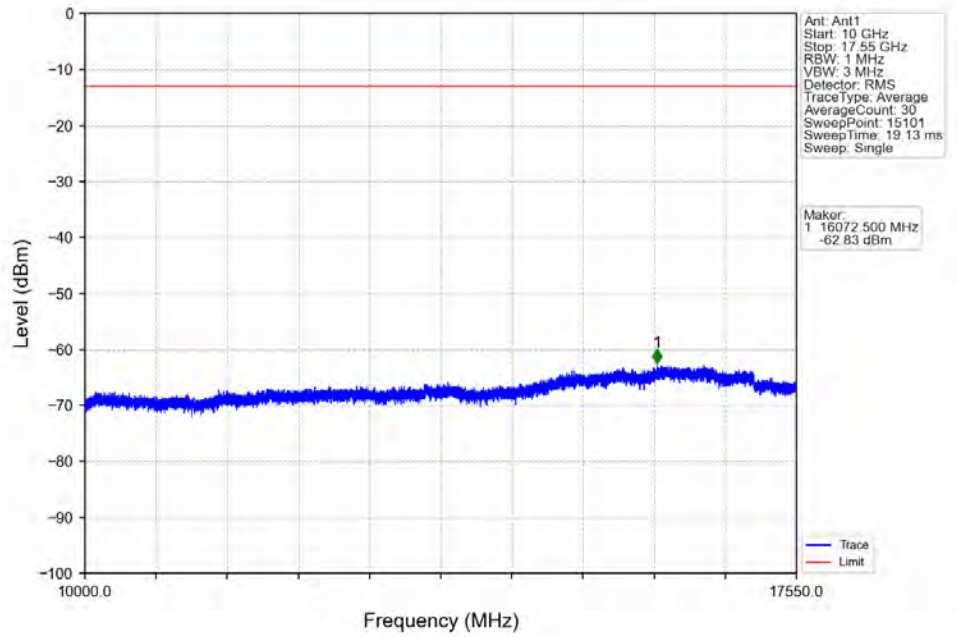


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-42.75	-13	Pass
1709	1710	0.003	/	2	1709.995	-38.39	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

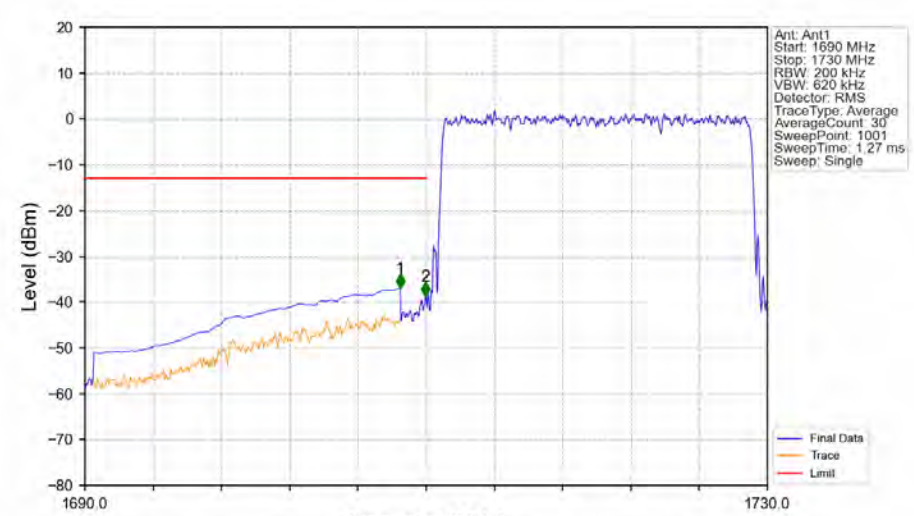
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

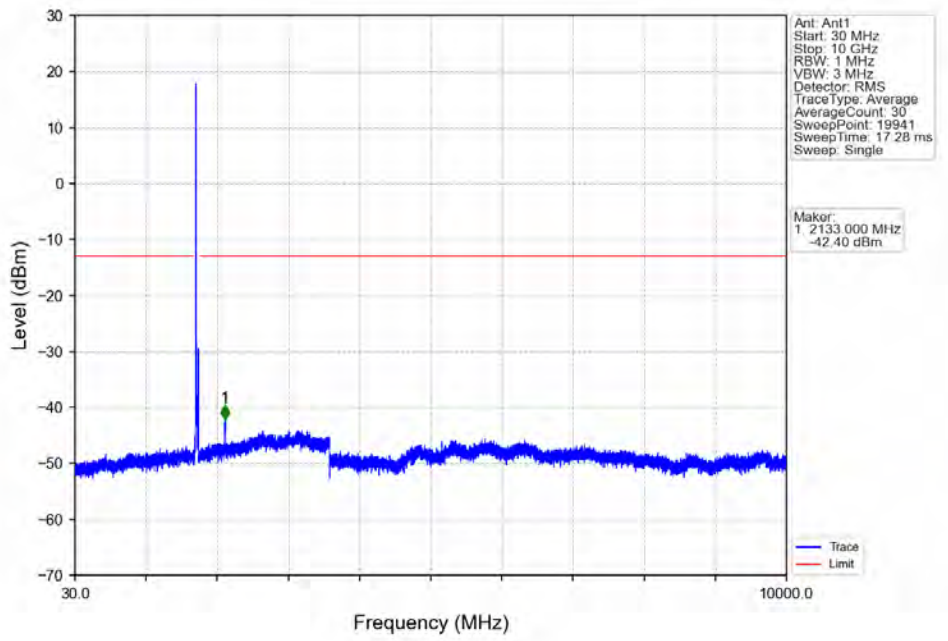


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

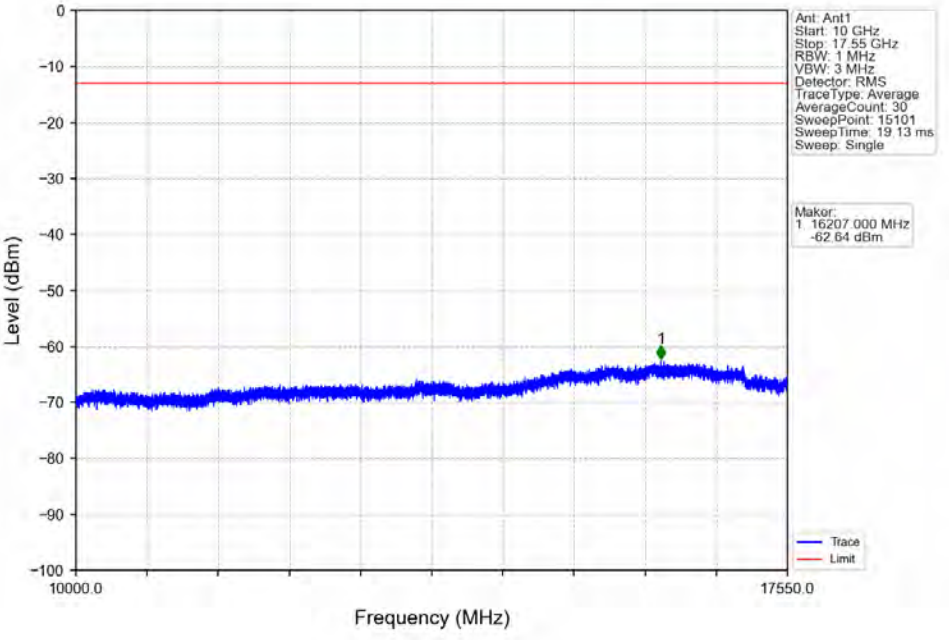


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-36.93	-13	Pass
1709	1710	0.2	/	2	1709.960	-38.70	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

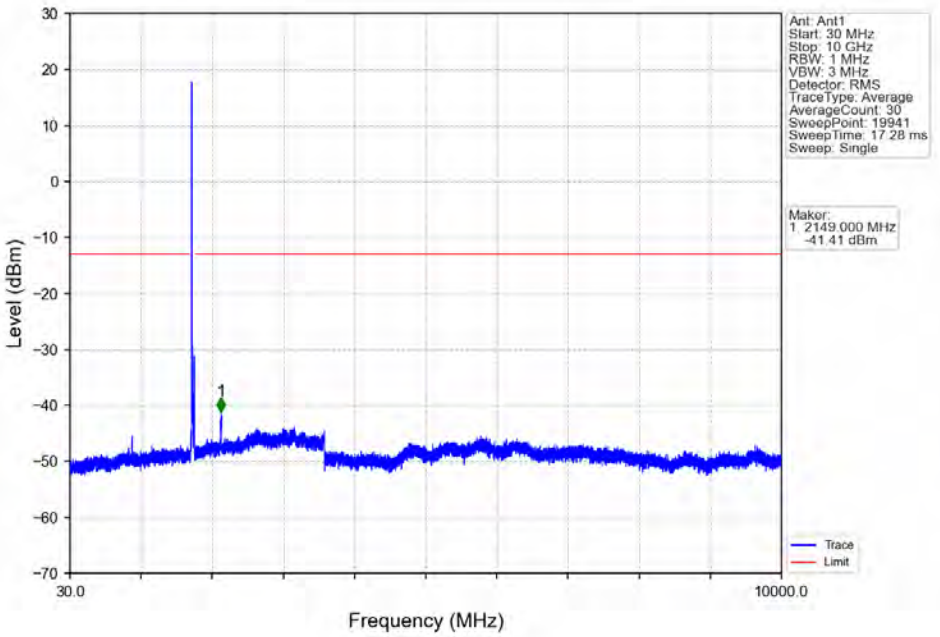
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



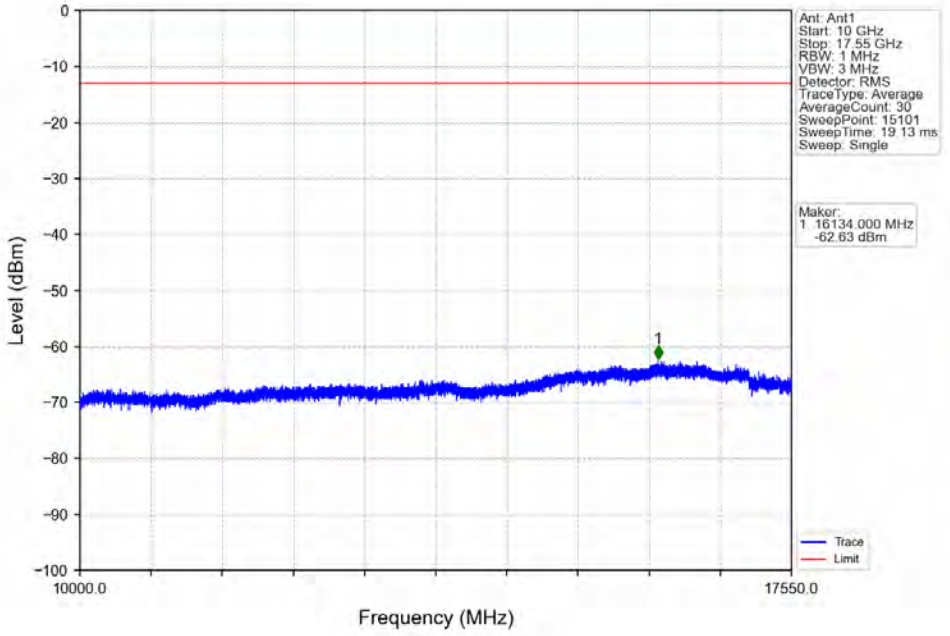
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



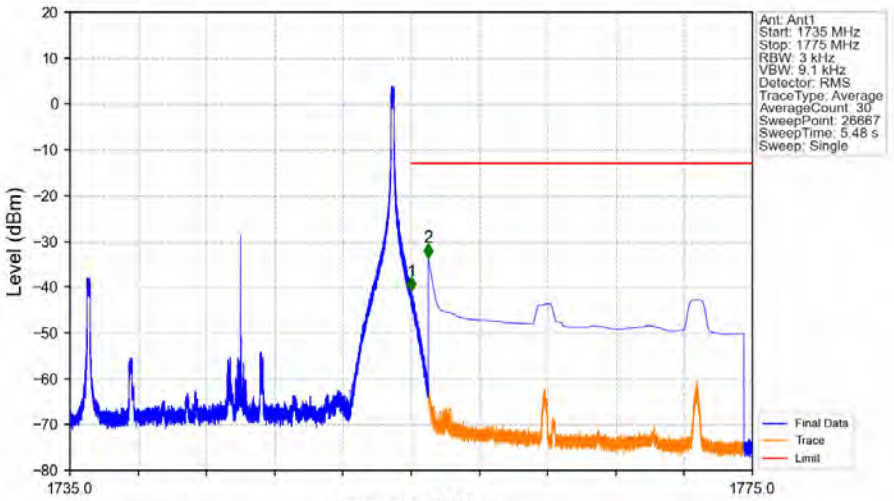
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

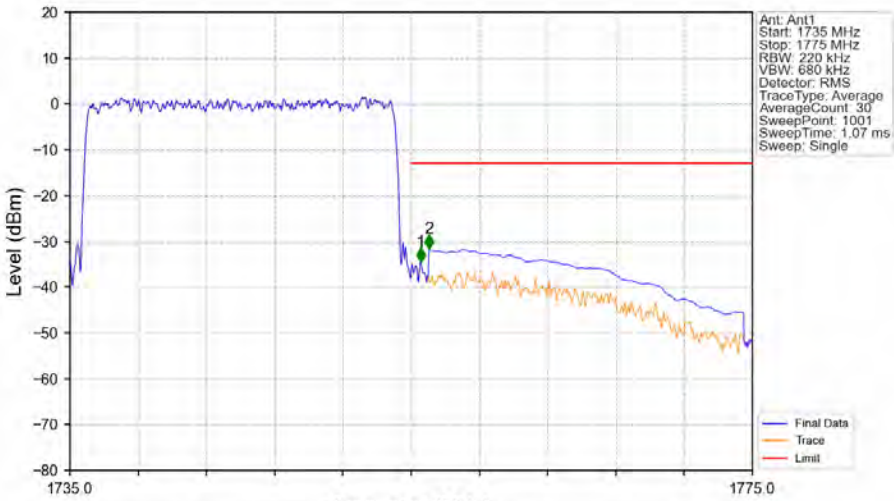


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.018	-40.84	-13	Pass
1756	1775	1	CHP	2	1756.001	-33.53	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.560	-34.54	-13	Pass
1756	1775	1	CHP	2	1756.040	-31.61	-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	0.1521	0.0092	ppm	1M12G7D	27L	21.82
4	1.4	1710.7	1754.3	0.1167	0.0080	ppm	1M12W7D	27L	20.67
4	3	1711.5	1753.5	0.1435	0.0148	ppm	2M73G7D	27L	21.57
4	3	1711.5	1753.5	0.1271	0.0073	ppm	2M73W7D	27L	21.04
4	5	1712.5	1752.5	0.1419	0.0070	ppm	4M60G7D	27L	21.52
4	5	1712.5	1752.5	0.1159	0.0080	ppm	4M60W7D	27L	20.64
4	10	1715	1750	0.1462	0.0079	ppm	9M10G7D	27L	21.65
4	10	1715	1750	0.1288	0.0059	ppm	9M10W7D	27L	21.10
4	15	1717.5	1747.5	0.1426	0.0058	ppm	13M7G7D	27L	21.54
4	15	1717.5	1747.5	0.1250	0.0075	ppm	13M7W7D	27L	20.97
4	20	1720	1745	0.1469	0.0060	ppm	18M2G7D	27L	21.67
4	20	1720	1745	0.1279	0.0057	ppm	18M1W7D	27L	21.07

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	0.1652	0.0092	ppm	1M12G7D	27L	22.18
4	1.4	1710.7	1754.3	0.1268	0.0080	ppm	1M12W7D	27L	21.03
4	3	1711.5	1753.5	0.1560	0.0148	ppm	2M73G7D	27L	21.93
4	3	1711.5	1753.5	0.1380	0.0073	ppm	2M73W7D	27L	21.40
4	5	1712.5	1752.5	0.1542	0.0070	ppm	4M60G7D	27L	21.88
4	5	1712.5	1752.5	0.1259	0.0080	ppm	4M60W7D	27L	21.00
4	10	1715	1750	0.1589	0.0079	ppm	9M10G7D	27L	22.01
4	10	1715	1750	0.1400	0.0059	ppm	9M10W7D	27L	21.46
4	15	1717.5	1747.5	0.1549	0.0058	ppm	13M7G7D	27L	21.90
4	15	1717.5	1747.5	0.1358	0.0075	ppm	13M7W7D	27L	21.33
4	20	1720	1745	0.1596	0.0060	ppm	18M2G7D	27L	22.03
4	20	1720	1745	0.1390	0.0057	ppm	18M1W7D	27L	21.43