

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	23.36	-0.80	22.56	<=30	Pass
			2	23.51	-0.80	22.71	<=30	Pass
			5	23.83	-0.80	23.03	<=30	Pass
		3	0	22.34	-0.80	21.54	<=30	Pass
			2	22.12	-0.80	21.32	<=30	Pass
			3	22.07	-0.80	21.27	<=30	Pass
		6	0	22.16	-0.80	21.36	<=30	Pass
	1732.5	1	0	23.43	-0.80	22.63	<=30	Pass
			2	23.20	-0.80	22.40	<=30	Pass
			5	23.49	-0.80	22.69	<=30	Pass
		3	0	22.19	-0.80	21.39	<=30	Pass
			2	22.31	-0.80	21.51	<=30	Pass
			3	22.32	-0.80	21.52	<=30	Pass
		6	0	22.16	-0.80	21.36	<=30	Pass
	1754.3	1	0	23.13	-0.80	22.33	<=30	Pass
			2	23.97	-0.80	23.17	<=30	Pass
			5	23.92	-0.80	23.12	<=30	Pass
		3	0	22.44	-0.80	21.64	<=30	Pass
			2	22.13	-0.80	21.33	<=30	Pass
			3	22.04	-0.80	21.24	<=30	Pass
16QAM	1710.7	1	0	22.21	-0.80	21.41	<=30	Pass
			2	22.25	-0.80	21.45	<=30	Pass
			5	22.11	-0.80	21.31	<=30	Pass
		3	0	21.20	-0.80	20.40	<=30	Pass
			2	21.18	-0.80	20.38	<=30	Pass
			3	21.32	-0.80	20.52	<=30	Pass
		6	0	21.44	-0.80	20.64	<=30	Pass
	1732.5	1	0	22.27	-0.80	21.47	<=30	Pass
			2	22.39	-0.80	21.59	<=30	Pass
			5	22.28	-0.80	21.48	<=30	Pass
		3	0	21.42	-0.80	20.62	<=30	Pass
			2	21.25	-0.80	20.45	<=30	Pass
			3	21.55	-0.80	20.75	<=30	Pass
		6	0	21.37	-0.80	20.57	<=30	Pass
	1754.3	1	0	22.01	-0.80	21.21	<=30	Pass
			2	22.38	-0.80	21.58	<=30	Pass
			5	22.30	-0.80	21.50	<=30	Pass
		3	0	21.18	-0.80	20.38	<=30	Pass
			2	21.22	-0.80	20.42	<=30	Pass
			3	21.45	-0.80	20.65	<=30	Pass
		6	0	21.43	-0.80	20.63	<=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	23.21	-0.80	22.41	<=30	Pass
			7	23.38	-0.80	22.58	<=30	Pass
			14	23.16	-0.80	22.36	<=30	Pass
		8	0	22.08	-0.80	21.28	<=30	Pass
			4	22.29	-0.80	21.49	<=30	Pass
			7	22.05	-0.80	21.25	<=30	Pass
		15	0	22.30	-0.80	21.50	<=30	Pass
	1732.5	1	0	23.77	-0.80	22.97	<=30	Pass
			7	23.91	-0.80	23.11	<=30	Pass
			14	23.62	-0.80	22.82	<=30	Pass
		8	0	22.13	-0.80	21.33	<=30	Pass
			4	22.04	-0.80	21.24	<=30	Pass
			7	22.26	-0.80	21.46	<=30	Pass
		15	0	22.04	-0.80	21.24	<=30	Pass
	1753.5	1	0	23.16	-0.80	22.36	<=30	Pass
			7	23.71	-0.80	22.91	<=30	Pass
			14	23.61	-0.80	22.81	<=30	Pass
		8	0	22.38	-0.80	21.58	<=30	Pass
			4	22.30	-0.80	21.50	<=30	Pass
			7	22.42	-0.80	21.62	<=30	Pass
		15	0	22.33	-0.80	21.53	<=30	Pass
16QAM	1711.5	1	0	22.21	-0.80	21.41	<=30	Pass
			7	22.24	-0.80	21.44	<=30	Pass
			14	22.13	-0.80	21.33	<=30	Pass
		8	0	21.37	-0.80	20.57	<=30	Pass
			4	21.51	-0.80	20.71	<=30	Pass
			7	21.29	-0.80	20.49	<=30	Pass
		15	0	21.46	-0.80	20.66	<=30	Pass
	1732.5	1	0	22.36	-0.80	21.56	<=30	Pass
			7	22.22	-0.80	21.42	<=30	Pass
			14	22.38	-0.80	21.58	<=30	Pass
		8	0	21.46	-0.80	20.66	<=30	Pass
			4	21.39	-0.80	20.59	<=30	Pass
			7	21.19	-0.80	20.39	<=30	Pass
		15	0	21.47	-0.80	20.67	<=30	Pass
	1753.5	1	0	22.09	-0.80	21.29	<=30	Pass
			7	22.33	-0.80	21.53	<=30	Pass
			14	22.13	-0.80	21.33	<=30	Pass
		8	0	21.40	-0.80	20.60	<=30	Pass
			4	21.53	-0.80	20.73	<=30	Pass
			7	21.37	-0.80	20.57	<=30	Pass
		15	0	21.26	-0.80	20.46	<=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	23.25	-0.80	22.45	<=30	Pass
			13	23.46	-0.80	22.66	<=30	Pass
			24	23.39	-0.80	22.59	<=30	Pass
		12	0	22.03	-0.80	21.23	<=30	Pass
			6	22.44	-0.80	21.64	<=30	Pass

		25	13	22.21	-0.80	21.41	<=30	Pass
			0	22.44	-0.80	21.64	<=30	Pass
	1732.5	1	0	23.24	-0.80	22.44	<=30	Pass
			13	23.61	-0.80	22.81	<=30	Pass
			24	23.84	-0.80	23.04	<=30	Pass
		12	0	22.09	-0.80	21.29	<=30	Pass
			6	22.09	-0.80	21.29	<=30	Pass
			13	22.27	-0.80	21.47	<=30	Pass
		25	0	22.23	-0.80	21.43	<=30	Pass
	1752.5	1	0	23.84	-0.80	23.04	<=30	Pass
			13	23.20	-0.80	22.40	<=30	Pass
			24	23.91	-0.80	23.11	<=30	Pass
		12	0	22.32	-0.80	21.52	<=30	Pass
			6	22.28	-0.80	21.48	<=30	Pass
			13	22.16	-0.80	21.36	<=30	Pass
16QAM	1712.5	1	0	22.16	-0.80	21.36	<=30	Pass
		12	0	22.37	-0.80	21.57	<=30	Pass
			13	22.41	-0.80	21.61	<=30	Pass
			24	22.40	-0.80	21.60	<=30	Pass
		25	0	21.26	-0.80	20.46	<=30	Pass
			6	21.26	-0.80	20.46	<=30	Pass
			13	21.31	-0.80	20.51	<=30	Pass
	1732.5	1	0	21.41	-0.80	20.61	<=30	Pass
		12	0	22.28	-0.80	21.48	<=30	Pass
			13	22.23	-0.80	21.43	<=30	Pass
			24	22.19	-0.80	21.39	<=30	Pass
		25	0	21.27	-0.80	20.47	<=30	Pass
			6	21.31	-0.80	20.51	<=30	Pass
			13	21.39	-0.80	20.59	<=30	Pass
	1752.5	1	0	21.34	-0.80	20.54	<=30	Pass
		12	0	22.23	-0.80	21.43	<=30	Pass
			13	22.09	-0.80	21.29	<=30	Pass
			24	22.16	-0.80	21.36	<=30	Pass
		25	0	21.50	-0.80	20.70	<=30	Pass
			6	21.26	-0.80	20.46	<=30	Pass
			13	21.17	-0.80	20.37	<=30	Pass
		25	0	21.34	-0.80	20.54	<=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	23.82	-0.80	23.02	<=30	Pass
			25	23.27	-0.80	22.47	<=30	Pass
			49	23.30	-0.80	22.50	<=30	Pass
		25	0	22.11	-0.80	21.31	<=30	Pass
			13	22.45	-0.80	21.65	<=30	Pass
			25	22.23	-0.80	21.43	<=30	Pass
	1732.5	50	0	22.22	-0.80	21.42	<=30	Pass
		1	0	23.64	-0.80	22.84	<=30	Pass
			25	23.32	-0.80	22.52	<=30	Pass
			49	23.28	-0.80	22.48	<=30	Pass
		25	0	22.14	-0.80	21.34	<=30	Pass
			13	22.11	-0.80	21.31	<=30	Pass
			25	22.02	-0.80	21.22	<=30	Pass
		50	0	22.30	-0.80	21.50	<=30	Pass

16QAM	1750	1	0	23.17	-0.80	22.37	<=30	Pass
			25	23.05	-0.80	22.25	<=30	Pass
			49	23.04	-0.80	22.24	<=30	Pass
		25	0	22.28	-0.80	21.48	<=30	Pass
			13	22.05	-0.80	21.25	<=30	Pass
			25	22.34	-0.80	21.54	<=30	Pass
		50	0	22.13	-0.80	21.33	<=30	Pass
	1715	1	0	22.06	-0.80	21.26	<=30	Pass
			25	22.23	-0.80	21.43	<=30	Pass
			49	22.18	-0.80	21.38	<=30	Pass
		25	0	21.21	-0.80	20.41	<=30	Pass
			13	21.30	-0.80	20.50	<=30	Pass
			25	21.50	-0.80	20.70	<=30	Pass
		50	0	21.15	-0.80	20.35	<=30	Pass
	1732.5	1	0	22.06	-0.80	21.26	<=30	Pass
			25	22.27	-0.80	21.47	<=30	Pass
			49	22.27	-0.80	21.47	<=30	Pass
		25	0	21.31	-0.80	20.51	<=30	Pass
			13	21.19	-0.80	20.39	<=30	Pass
			25	21.32	-0.80	20.52	<=30	Pass
		50	0	21.38	-0.80	20.58	<=30	Pass
	1750	1	0	22.37	-0.80	21.57	<=30	Pass
			25	22.14	-0.80	21.34	<=30	Pass
			49	22.07	-0.80	21.27	<=30	Pass
		25	0	21.25	-0.80	20.45	<=30	Pass
			13	21.48	-0.80	20.68	<=30	Pass
			25	21.38	-0.80	20.58	<=30	Pass
		50	0	21.44	-0.80	20.64	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.62	-0.80	22.82	<=30	Pass
			38	23.89	-0.80	23.09	<=30	Pass
			74	23.34	-0.80	22.54	<=30	Pass
		36	0	22.38	-0.80	21.58	<=30	Pass
			18	22.10	-0.80	21.30	<=30	Pass
			39	22.43	-0.80	21.63	<=30	Pass
		75	0	22.32	-0.80	21.52	<=30	Pass
	1732.5	1	0	23.43	-0.80	22.63	<=30	Pass
			38	23.73	-0.80	22.93	<=30	Pass
			74	23.91	-0.80	23.11	<=30	Pass
		36	0	22.11	-0.80	21.31	<=30	Pass
			18	22.14	-0.80	21.34	<=30	Pass
			39	22.19	-0.80	21.39	<=30	Pass
		75	0	22.06	-0.80	21.26	<=30	Pass
	1747.5	1	0	23.14	-0.80	22.34	<=30	Pass
			38	23.57	-0.80	22.77	<=30	Pass
			74	23.55	-0.80	22.75	<=30	Pass
		36	0	22.18	-0.80	21.38	<=30	Pass
			18	22.36	-0.80	21.56	<=30	Pass
			39	22.38	-0.80	21.58	<=30	Pass
		75	0	22.31	-0.80	21.51	<=30	Pass
16QAM	1717.5	1	0	22.44	-0.80	21.64	<=30	Pass
			38	22.22	-0.80	21.42	<=30	Pass

		36	74	22.42	-0.80	21.62	<=30	Pass
			0	21.42	-0.80	20.62	<=30	Pass
			18	21.42	-0.80	20.62	<=30	Pass
			39	21.37	-0.80	20.57	<=30	Pass
		75	0	21.48	-0.80	20.68	<=30	Pass
	1732.5	1	0	22.03	-0.80	21.23	<=30	Pass
			38	22.40	-0.80	21.60	<=30	Pass
			74	22.19	-0.80	21.39	<=30	Pass
		36	0	21.41	-0.80	20.61	<=30	Pass
			18	21.25	-0.80	20.45	<=30	Pass
			39	21.24	-0.80	20.44	<=30	Pass
		75	0	21.34	-0.80	20.54	<=30	Pass
	1747.5	1	0	22.39	-0.80	21.59	<=30	Pass
			38	22.37	-0.80	21.57	<=30	Pass
			74	22.04	-0.80	21.24	<=30	Pass
		36	0	21.40	-0.80	20.60	<=30	Pass
			18	21.19	-0.80	20.39	<=30	Pass
			39	21.25	-0.80	20.45	<=30	Pass
		75	0	21.36	-0.80	20.56	<=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	23.57	-0.80	22.77	<=30	Pass
			50	23.79	-0.80	22.99	<=30	Pass
			99	23.37	-0.80	22.57	<=30	Pass
		50	0	22.06	-0.80	21.26	<=30	Pass
			25	22.14	-0.80	21.34	<=30	Pass
			50	22.17	-0.80	21.37	<=30	Pass
		100	0	22.22	-0.80	21.42	<=30	Pass
	1732.5	1	0	23.91	-0.80	23.11	<=30	Pass
			50	23.28	-0.80	22.48	<=30	Pass
			99	23.54	-0.80	22.74	<=30	Pass
		50	0	22.17	-0.80	21.37	<=30	Pass
			25	22.10	-0.80	21.30	<=30	Pass
			50	22.06	-0.80	21.26	<=30	Pass
		100	0	22.13	-0.80	21.33	<=30	Pass
	1745	1	0	23.17	-0.80	22.37	<=30	Pass
			50	23.38	-0.80	22.58	<=30	Pass
			99	23.45	-0.80	22.65	<=30	Pass
		50	0	22.11	-0.80	21.31	<=30	Pass
			25	22.45	-0.80	21.65	<=30	Pass
			50	22.28	-0.80	21.48	<=30	Pass
		100	0	22.41	-0.80	21.61	<=30	Pass
16QAM	1720	1	0	22.25	-0.80	21.45	<=30	Pass
			50	22.10	-0.80	21.30	<=30	Pass
			99	22.27	-0.80	21.47	<=30	Pass
		50	0	21.35	-0.80	20.55	<=30	Pass
			25	21.19	-0.80	20.39	<=30	Pass
			50	21.28	-0.80	20.48	<=30	Pass
		100	0	21.24	-0.80	20.44	<=30	Pass
	1732.5	1	0	22.22	-0.80	21.42	<=30	Pass
			50	22.03	-0.80	21.23	<=30	Pass
			99	22.10	-0.80	21.30	<=30	Pass
		50	0	21.31	-0.80	20.51	<=30	Pass

			25	21.27	-0.80	20.47	<=30	Pass
			50	21.40	-0.80	20.60	<=30	Pass
		100	0	21.42	-0.80	20.62	<=30	Pass
	1745	1	0	22.40	-0.80	21.60	<=30	Pass
			50	22.38	-0.80	21.58	<=30	Pass
			99	22.17	-0.80	21.37	<=30	Pass
		50	0	21.16	-0.80	20.36	<=30	Pass
			25	21.53	-0.80	20.73	<=30	Pass
			50	21.36	-0.80	20.56	<=30	Pass
		100	0	21.20	-0.80	20.40	<=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	7.296	0.0043	-2.5 to 2.5	Pass
					3.85	-11.487	-0.0067	-2.5 to 2.5	Pass
					4.43	9.384	0.0055	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	6.194	0.0036	-2.5 to 2.5	Pass
				-10	3.85	4.935	0.0029	-2.5 to 2.5	Pass
				0	3.85	-11.745	-0.0069	-2.5 to 2.5	Pass
				10	3.85	5.064	0.0030	-2.5 to 2.5	Pass
				30	3.85	7.181	0.0042	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0016	-2.5 to 2.5	Pass
				50	3.85	8.383	0.0049	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	1.974	0.0011	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
					4.43	6.824	0.0039	-2.5 to 2.5	Pass
				-30	3.85	1.488	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.922	0.0034	-2.5 to 2.5	Pass
				0	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				40	3.85	16.236	0.0094	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-7.267	-0.0041	-2.5 to 2.5	Pass
					3.85	6.495	0.0037	-2.5 to 2.5	Pass
					4.43	3.920	0.0022	-2.5 to 2.5	Pass
				-30	3.85	20.070	0.0114	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	5.393	0.0031	-2.5 to 2.5	Pass
				0	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				30	3.85	12.703	0.0072	-2.5 to 2.5	Pass
				40	3.85	13.490	0.0077	-2.5 to 2.5	Pass
				50	3.85	2.646	0.0015	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-3.576	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
					4.43	5.350	0.0031	-2.5 to 2.5	Pass
				-30	3.85	8.397	0.0049	-2.5 to 2.5	Pass
				-20	3.85	3.147	0.0018	-2.5 to 2.5	Pass
				-10	3.85	7.982	0.0047	-2.5 to 2.5	Pass
				0	3.85	7.696	0.0045	-2.5 to 2.5	Pass
				10	3.85	5.279	0.0031	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				40	3.85	8.311	0.0049	-2.5 to 2.5	Pass
				50	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	9.613	0.0055	-2.5 to 2.5	Pass
					3.85	9.627	0.0056	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	9.427	0.0054	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass

				-10	3.85	11.201	0.0065	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				40	3.85	15.149	0.0087	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-5.450	-0.0031	-2.5 to 2.5	Pass
					3.85	9.327	0.0053	-2.5 to 2.5	Pass
					4.43	14.634	0.0083	-2.5 to 2.5	Pass
				-30	3.85	3.562	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-6.924	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	5.565	0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				30	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				50	3.85	3.076	0.0018	-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	2.432	0.0014	-2.5 to 2.5	Pass
					3.85	7.296	0.0043	-2.5 to 2.5	Pass
					4.43	-7.982	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	10.686	0.0062	-2.5 to 2.5	Pass
				-20	3.85	12.574	0.0073	-2.5 to 2.5	Pass
				-10	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				10	3.85	6.638	0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				40	3.85	6.652	0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	13.633	0.0079	-2.5 to 2.5	Pass
					3.85	0.615	0.0004	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-20	3.85	8.183	0.0047	-2.5 to 2.5	Pass
				-10	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				0	3.85	6.137	0.0035	-2.5 to 2.5	Pass
				10	3.85	8.411	0.0049	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				40	3.85	4.406	0.0025	-2.5 to 2.5	Pass
				50	3.85	6.151	0.0036	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	7.954	0.0045	-2.5 to 2.5	Pass
					3.85	7.782	0.0044	-2.5 to 2.5	Pass
					4.43	4.907	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	4.849	0.0028	-2.5 to 2.5	Pass
				0	3.85	7.482	0.0043	-2.5 to 2.5	Pass
				10	3.85	-8.612	-0.0049	-2.5 to 2.5	Pass
				30	3.85	13.576	0.0077	-2.5 to 2.5	Pass
				40	3.85	-11.344	-0.0065	-2.5 to 2.5	Pass
				50	3.85	9.212	0.0053	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	3.505	0.0020	-2.5 to 2.5	Pass
					3.85	8.483	0.0050	-2.5 to 2.5	Pass

					4.43	13.976	0.0082	-2.5 to 2.5	Pass
				-30	3.85	13.304	0.0078	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	8.554	0.0050	-2.5 to 2.5	Pass
				0	3.85	-7.124	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				30	3.85	7.854	0.0046	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0015	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	3.119	0.0018	-2.5 to 2.5	Pass
					3.85	7.839	0.0045	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	3.262	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				0	3.85	10.958	0.0063	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	3.176	0.0018	-2.5 to 2.5	Pass
					3.85	3.104	0.0018	-2.5 to 2.5	Pass
					4.43	-8.411	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	11.315	0.0065	-2.5 to 2.5	Pass
				0	3.85	5.264	0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				30	3.85	12.302	0.0070	-2.5 to 2.5	Pass
				40	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	0.701	0.0004	-2.5 to 2.5	Pass
					3.85	3.133	0.0018	-2.5 to 2.5	Pass
					4.43	6.351	0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	7.124	0.0042	-2.5 to 2.5	Pass
				-10	3.85	12.045	0.0070	-2.5 to 2.5	Pass
				0	3.85	5.164	0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				30	3.85	9.670	0.0056	-2.5 to 2.5	Pass
				40	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0001	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.432	-0.0014	-2.5 to 2.5	Pass
					3.85	3.719	0.0021	-2.5 to 2.5	Pass
					4.43	4.649	0.0027	-2.5 to 2.5	Pass
				-30	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				-20	3.85	7.796	0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				0	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				30	3.85	5.980	0.0035	-2.5 to 2.5	Pass
				40	3.85	2.646	0.0015	-2.5 to 2.5	Pass

	1752.5	25	0	50	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				20	3.27	-5.021	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
					4.43	2.732	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				10	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.316	0.0008	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	40	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				20	3.27	-1.073	-0.0006	-2.5 to 2.5	Pass
					3.85	3.705	0.0022	-2.5 to 2.5	Pass
					4.43	-7.253	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	4.363	0.0025	-2.5 to 2.5	Pass
				-20	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				-10	3.85	12.689	0.0074	-2.5 to 2.5	Pass
				0	3.85	3.533	0.0021	-2.5 to 2.5	Pass
				10	3.85	11.272	0.0066	-2.5 to 2.5	Pass
	1732.5	25	0	30	3.85	10.800	0.0063	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				50	3.85	2.317	0.0014	-2.5 to 2.5	Pass
				20	3.27	-5.708	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
					4.43	4.020	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				0	3.85	4.835	0.0028	-2.5 to 2.5	Pass
	1752.5	25	0	10	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				20	3.27	-4.563	-0.0026	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0042	-2.5 to 2.5	Pass
					4.43	-4.950	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	10.643	0.0061	-2.5 to 2.5	Pass
				-20	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				-10	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				10	3.85	6.666	0.0038	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				40	3.85	5.965	0.0034	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0001	-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	1.502	0.0009	-2.5 to 2.5	Pass
					3.85	3.591	0.0021	-2.5 to 2.5	Pass
					4.43	7.467	0.0044	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				-20	3.85	7.238	0.0042	-2.5 to 2.5	Pass
				-10	3.85	7.839	0.0046	-2.5 to 2.5	Pass
				0	3.85	4.263	0.0025	-2.5 to 2.5	Pass

				10	3.85	7.982	0.0047	-2.5 to 2.5	Pass
				30	3.85	5.894	0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				50	3.85	4.091	0.0024	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	3.190	0.0018	-2.5 to 2.5	Pass
					3.85	5.307	0.0031	-2.5 to 2.5	Pass
					4.43	2.160	0.0012	-2.5 to 2.5	Pass
				-30	3.85	6.967	0.0040	-2.5 to 2.5	Pass
				-20	3.85	5.536	0.0032	-2.5 to 2.5	Pass
				-10	3.85	8.240	0.0048	-2.5 to 2.5	Pass
				0	3.85	5.350	0.0031	-2.5 to 2.5	Pass
				10	3.85	7.424	0.0043	-2.5 to 2.5	Pass
				30	3.85	5.121	0.0030	-2.5 to 2.5	Pass
				40	3.85	5.407	0.0031	-2.5 to 2.5	Pass
				50	3.85	2.289	0.0013	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	5.393	0.0031	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	6.194	0.0035	-2.5 to 2.5	Pass
				-20	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				-10	3.85	4.878	0.0028	-2.5 to 2.5	Pass
				0	3.85	5.851	0.0033	-2.5 to 2.5	Pass
				10	3.85	6.666	0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				50	3.85	4.578	0.0026	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	2.174	0.0013	-2.5 to 2.5	Pass
					3.85	1.516	0.0009	-2.5 to 2.5	Pass
					4.43	6.981	0.0041	-2.5 to 2.5	Pass
				-30	3.85	4.992	0.0029	-2.5 to 2.5	Pass
				-20	3.85	9.170	0.0053	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				0	3.85	5.779	0.0034	-2.5 to 2.5	Pass
				10	3.85	2.847	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				40	3.85	3.963	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.950	0.0029	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	5.636	0.0033	-2.5 to 2.5	Pass
					3.85	7.782	0.0045	-2.5 to 2.5	Pass
					4.43	2.332	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.862	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				0	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				10	3.85	6.537	0.0038	-2.5 to 2.5	Pass
				30	3.85	7.038	0.0041	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				50	3.85	6.809	0.0039	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	9.212	0.0053	-2.5 to 2.5	Pass
					3.85	3.448	0.0020	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.85	8.726	0.0050	-2.5 to 2.5	Pass
				-10	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				0	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.033	0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				50	3.85	3.576	0.0020	-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	2.046	0.0012	-2.5 to 2.5	Pass
					3.85	4.535	0.0026	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				-20	3.85	4.106	0.0024	-2.5 to 2.5	Pass
				-10	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				10	3.85	5.493	0.0032	-2.5 to 2.5	Pass
				30	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				50	3.85	5.708	0.0033	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-6.208	-0.0036	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
					4.43	1.144	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	4.392	0.0025	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0019	-2.5 to 2.5	Pass
					4.43	0.157	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0035	-2.5 to 2.5	Pass
				0	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0003	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	3.033	0.0018	-2.5 to 2.5	Pass
					3.85	2.732	0.0016	-2.5 to 2.5	Pass
					4.43	2.246	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				-20	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				-10	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				40	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				50	3.85	3.777	0.0022	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.402	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0029	-2.5 to 2.5	Pass

	1747.5	75	0	30	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				20	3.27	-3.748	-0.0021	-2.5 to 2.5	Pass
					3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
					4.43	-3.648	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.85	4.721	0.0027	-2.5 to 2.5	Pass
				0	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.432	-0.0014	-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	2.761	0.0016	-2.5 to 2.5	Pass
					3.85	3.977	0.0023	-2.5 to 2.5	Pass
					4.43	1.087	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	5.007	0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.878	0.0028	-2.5 to 2.5	Pass
				30	3.85	6.695	0.0039	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.232	0.0013	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-5.822	-0.0034	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.744	0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	1.574	0.0009	-2.5 to 2.5	Pass
					3.85	1.502	0.0009	-2.5 to 2.5	Pass
					4.43	2.890	0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				-10	3.85	4.663	0.0027	-2.5 to 2.5	Pass
				0	3.85	4.435	0.0025	-2.5 to 2.5	Pass
				10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				40	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				50	3.85	3.991	0.0023	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	2.546	0.0015	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
					4.43	1.388	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0002	-2.5 to 2.5	Pass

				-10	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				50	3.85	2.289	0.0013	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-4.821	-0.0028	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
					4.43	0.129	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				10	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	1.917	0.0011	-2.5 to 2.5	Pass
					3.85	5.264	0.0030	-2.5 to 2.5	Pass
					4.43	1.459	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				-20	3.85	3.719	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				0	3.85	3.090	0.0018	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0026	-2.5 to 2.5	Pass
				30	3.85	4.807	0.0028	-2.5 to 2.5	Pass
				40	3.85	9.513	0.0055	-2.5 to 2.5	Pass
				50	3.85	3.662	0.0021	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
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 / NTV						
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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	

QPSK	1732.5	25	0	Refer To Test Graph	Pass
16QAM	1732.5	25	0	Refer To Test Graph	Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV						
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

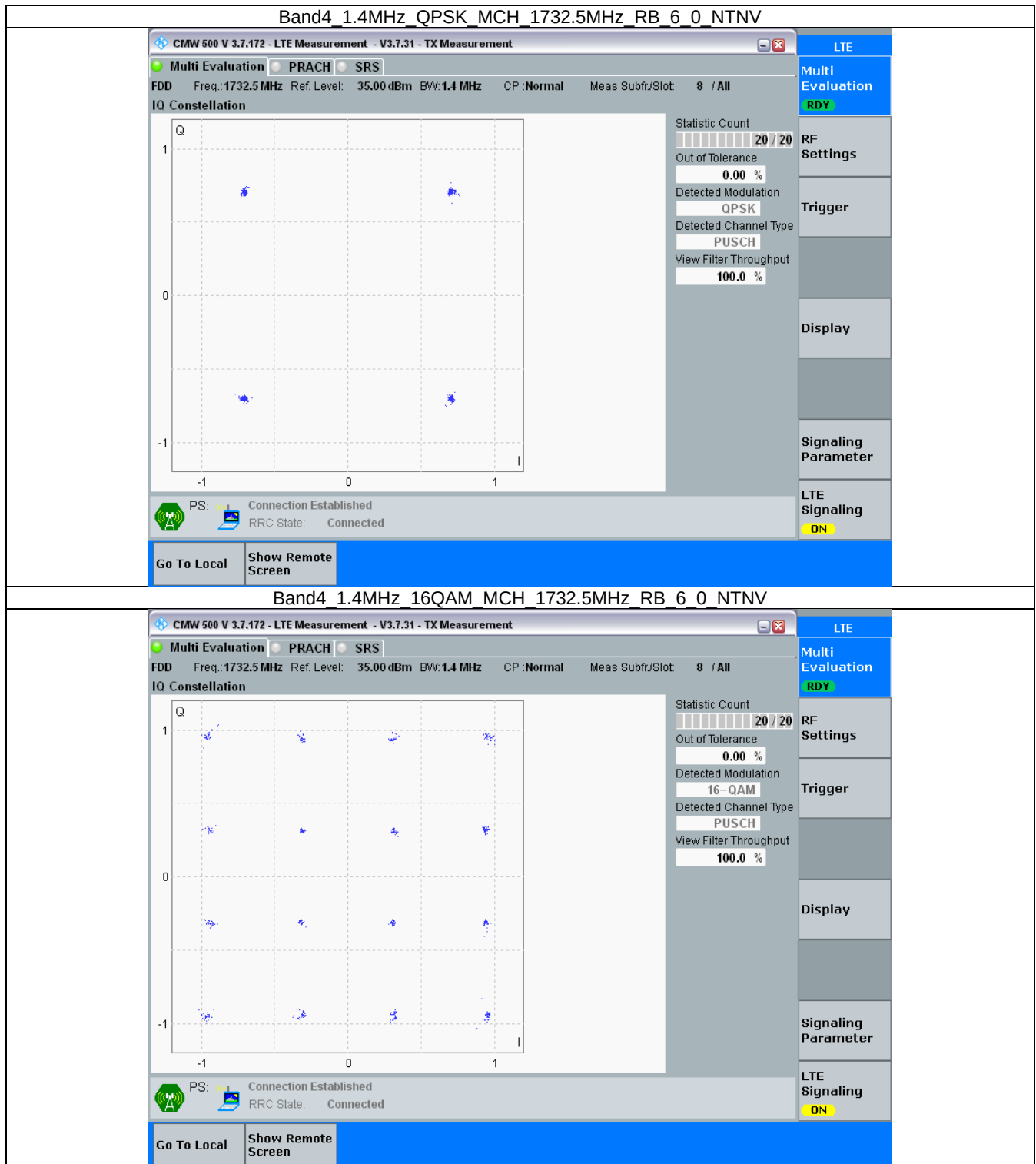
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

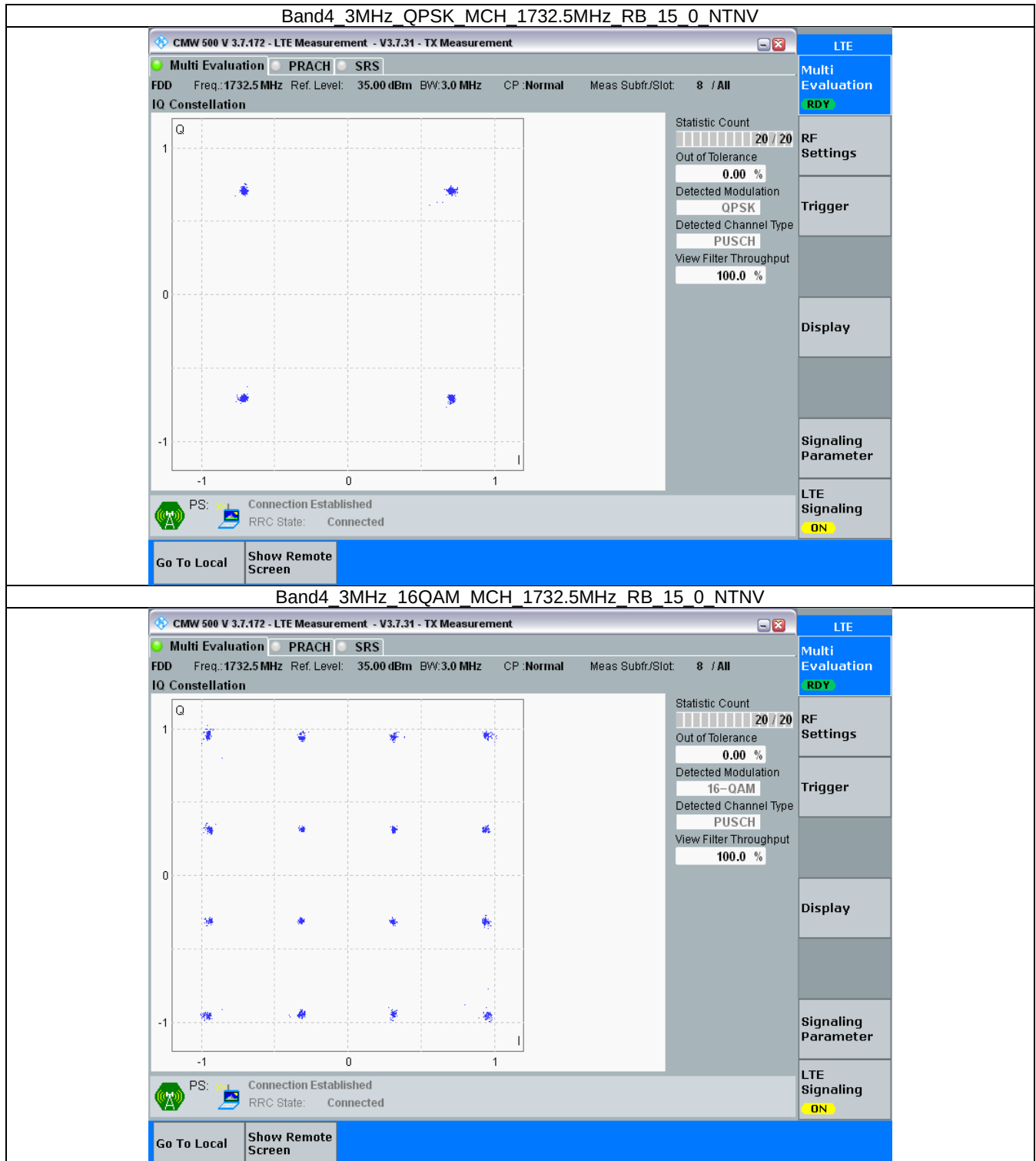
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

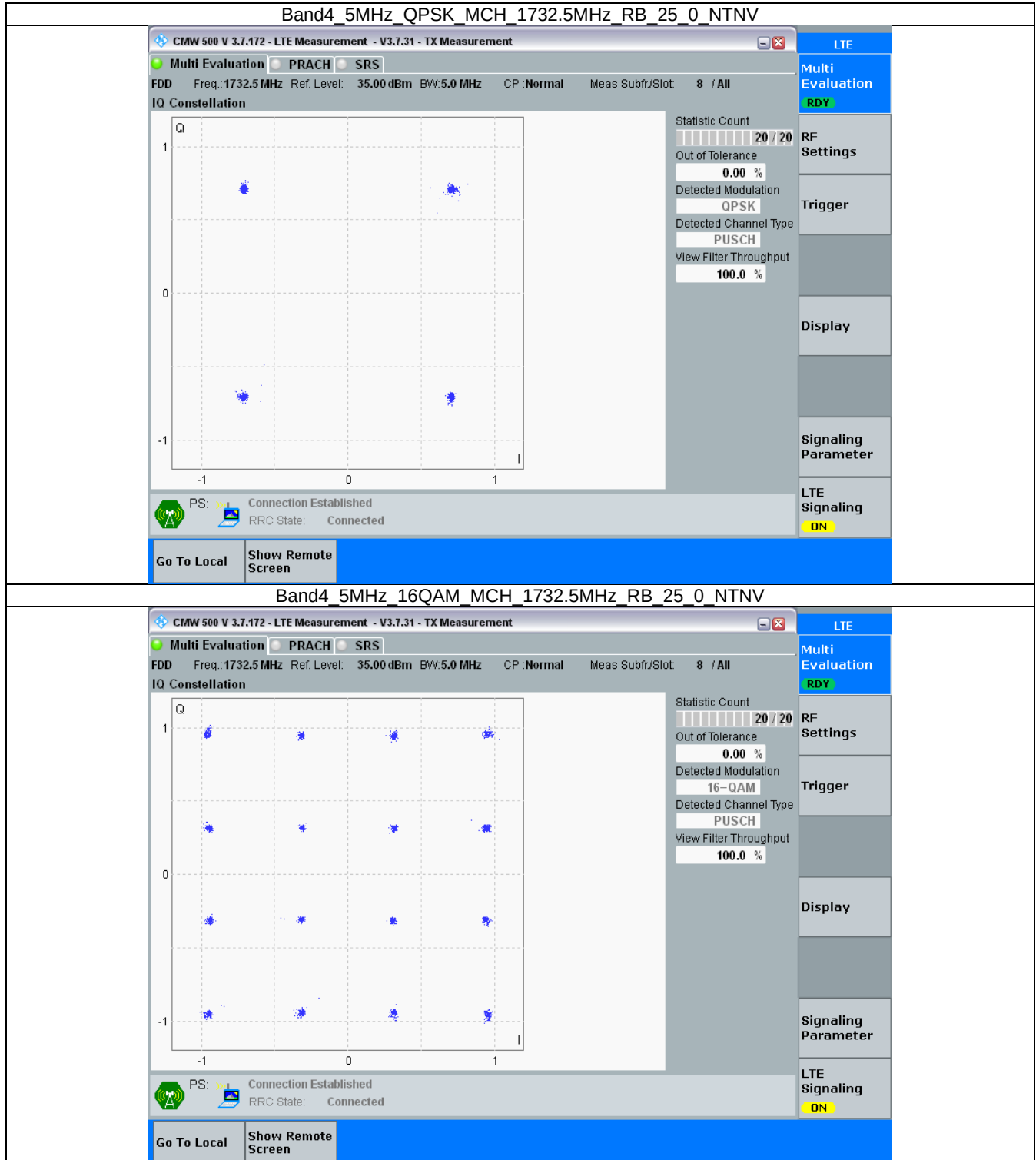
3.2.1 B4_1.4MHz



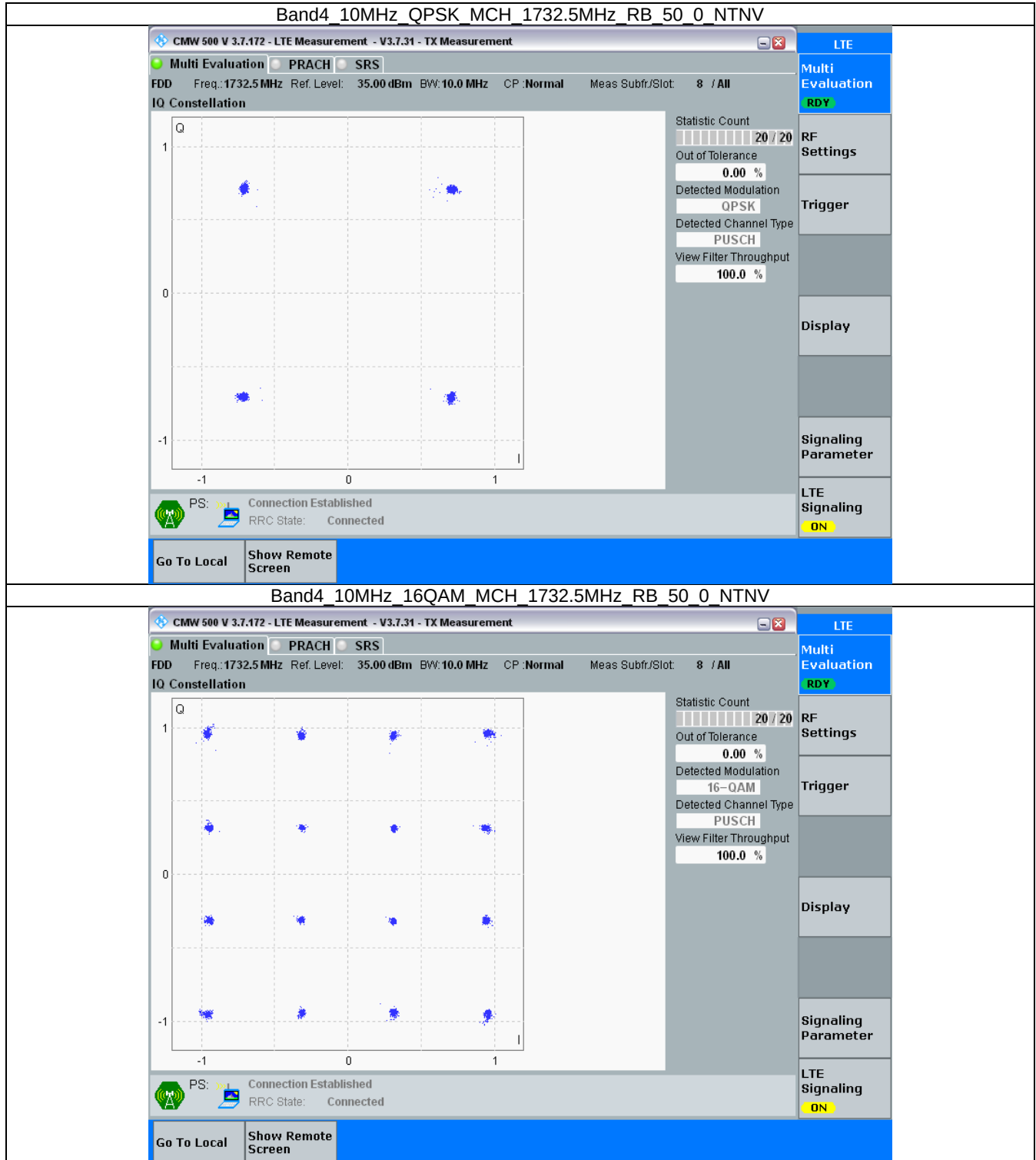
3.2.2 B4_3MHz



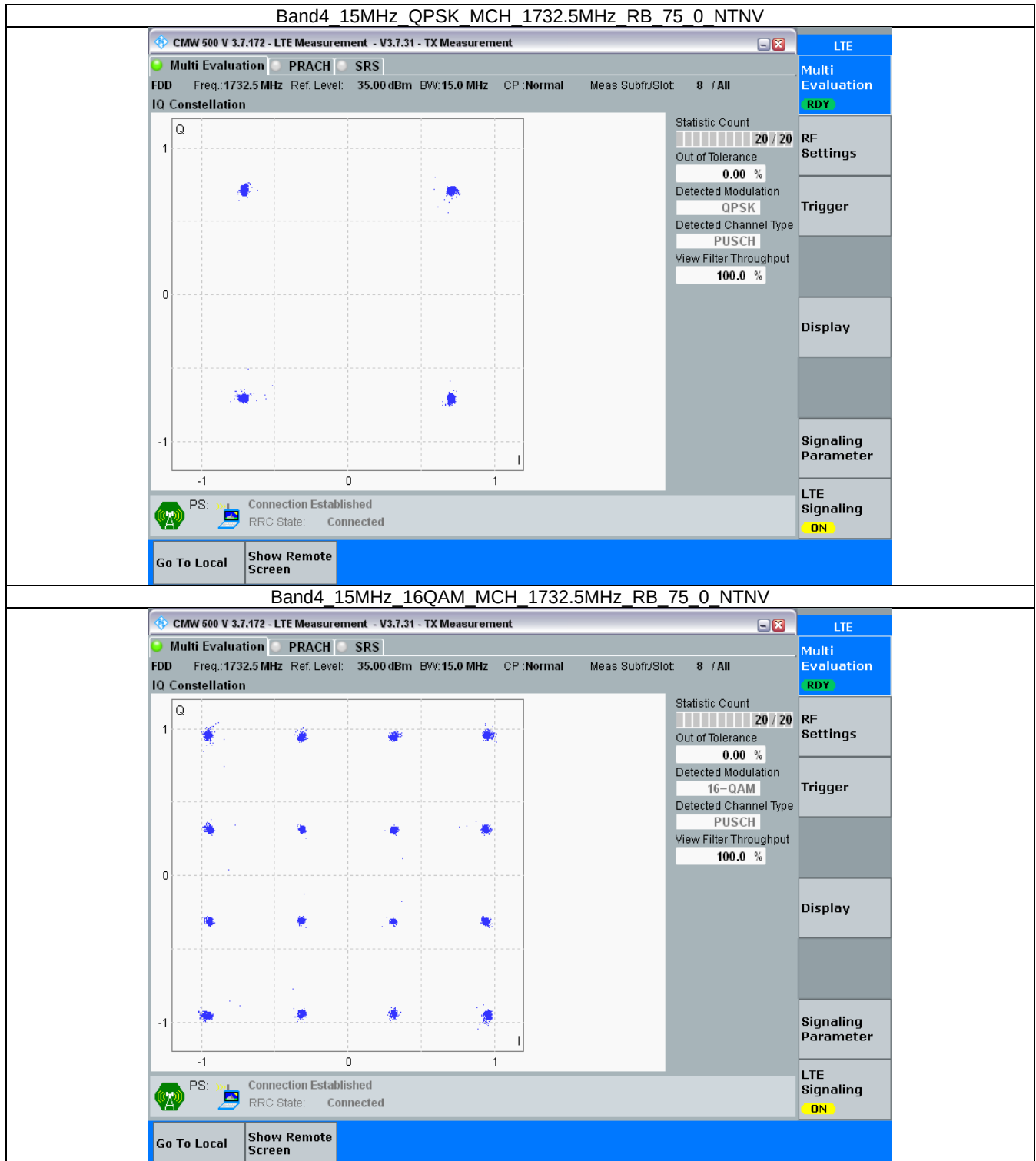
3.2.3 B4_5MHz



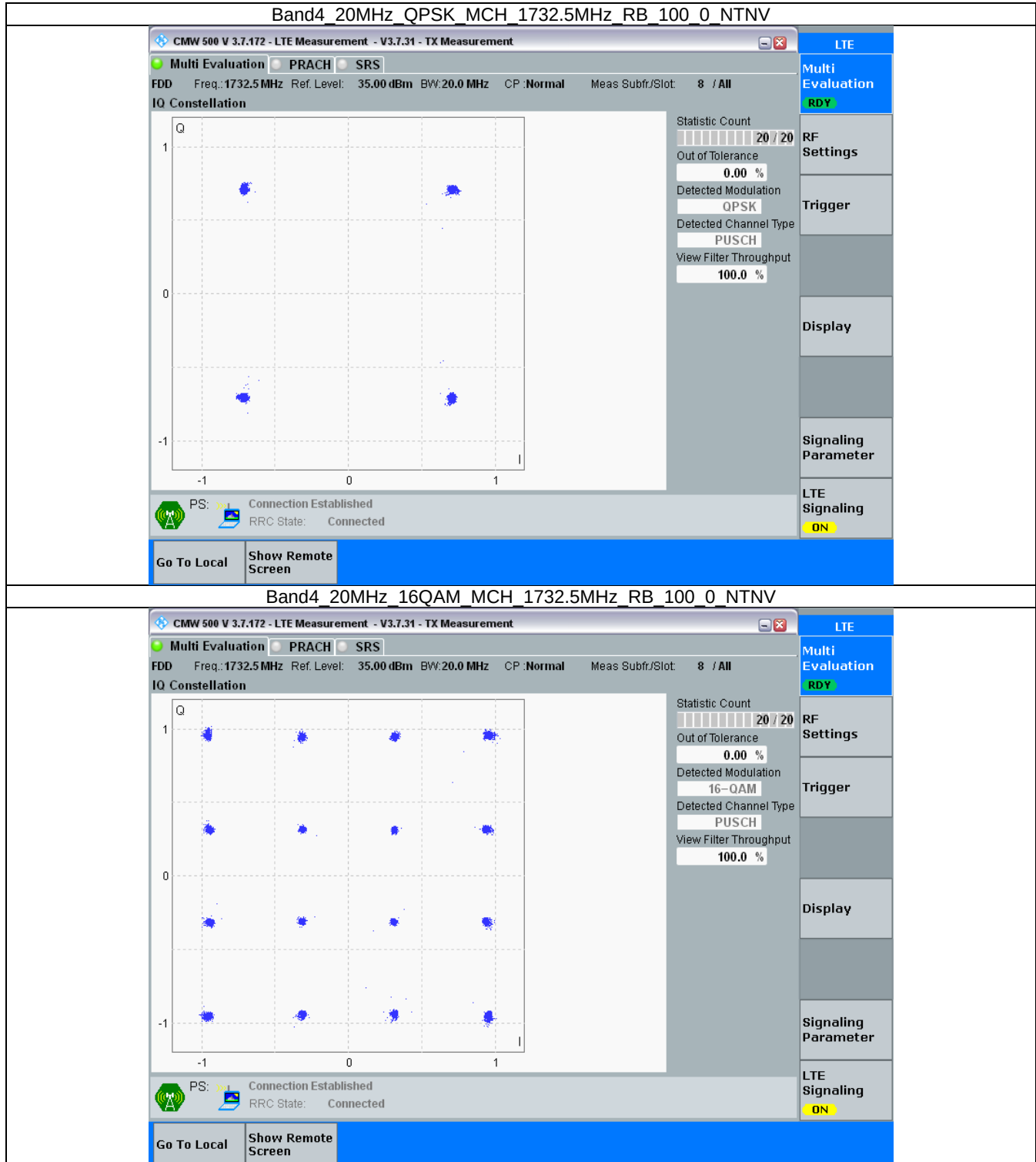
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



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	1.122	/	Pass
		1732.5	6	0	1.120	/	Pass
		1754.3	6	0	1.105	/	Pass
	16QAM	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.101	/	Pass
		1754.3	6	0	1.118	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1732.5	15	0	2.737	/	Pass
		1753.5	15	0	2.736	/	Pass
	16QAM	1711.5	15	0	2.736	/	Pass
		1732.5	15	0	2.734	/	Pass
		1753.5	15	0	2.730	/	Pass
5	QPSK	1712.5	25	0	4.534	/	Pass
		1732.5	25	0	4.547	/	Pass
		1752.5	25	0	4.554	/	Pass
	16QAM	1712.5	25	0	4.562	/	Pass
		1732.5	25	0	4.551	/	Pass
		1752.5	25	0	4.533	/	Pass
10	QPSK	1715	50	0	9.061	/	Pass
		1732.5	50	0	9.050	/	Pass
		1750	50	0	9.033	/	Pass
	16QAM	1715	50	0	9.029	/	Pass
		1732.5	50	0	9.064	/	Pass
		1750	50	0	9.038	/	Pass
15	QPSK	1717.5	75	0	13.577	/	Pass
		1732.5	75	0	13.605	/	Pass
		1747.5	75	0	13.579	/	Pass
	16QAM	1717.5	75	0	13.599	/	Pass
		1732.5	75	0	13.612	/	Pass
		1747.5	75	0	13.574	/	Pass
20	QPSK	1720	100	0	18.127	/	Pass
		1732.5	100	0	18.123	/	Pass
		1745	100	0	18.083	/	Pass
	16QAM	1720	100	0	18.161	/	Pass
		1732.5	100	0	18.143	/	Pass
		1745	100	0	18.040	/	Pass

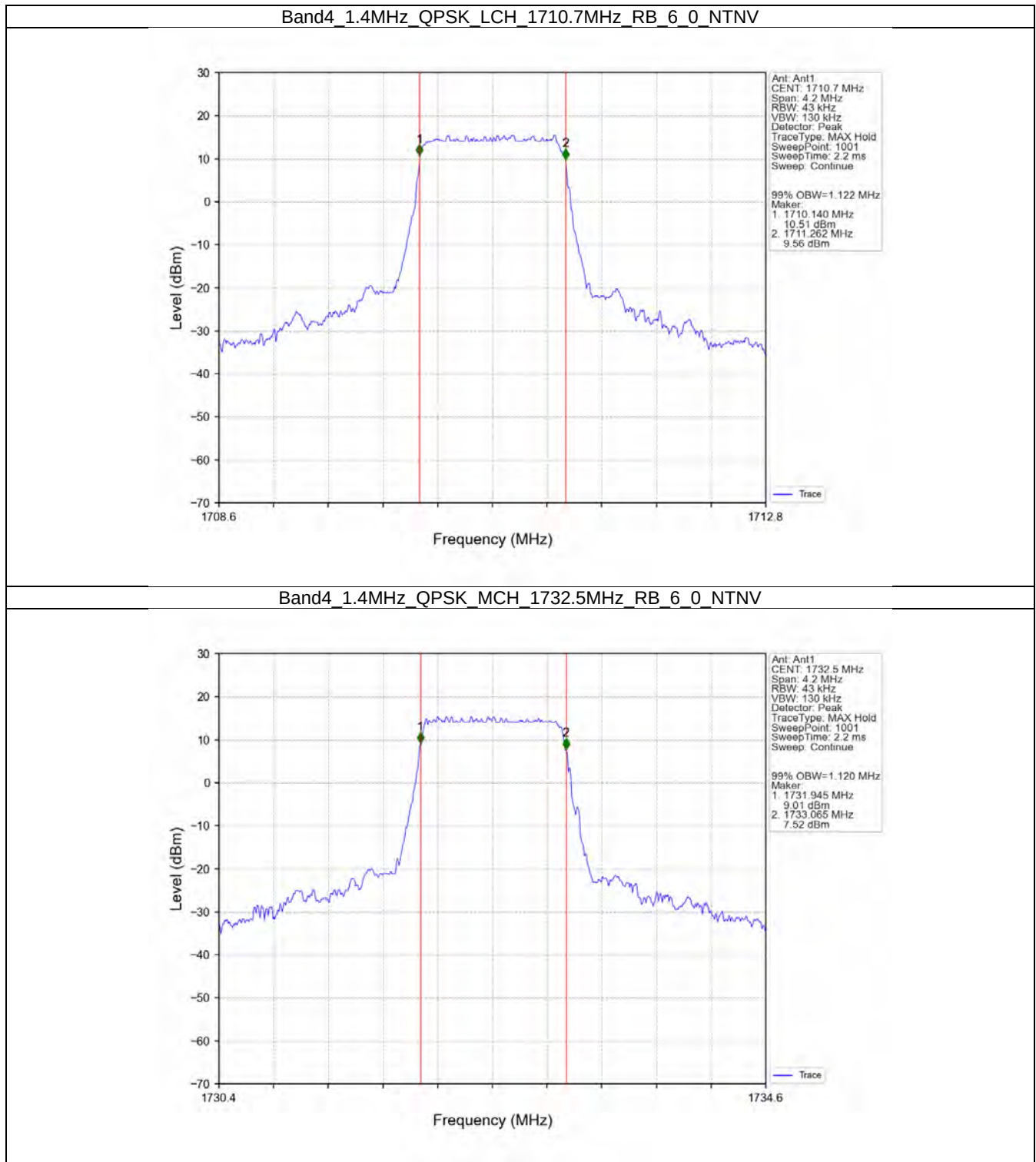
4.1.2 Band4_XDB

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	1.321	/	Pass
		1732.5	6	0	1.340	/	Pass
		1754.3	6	0	1.328	/	Pass

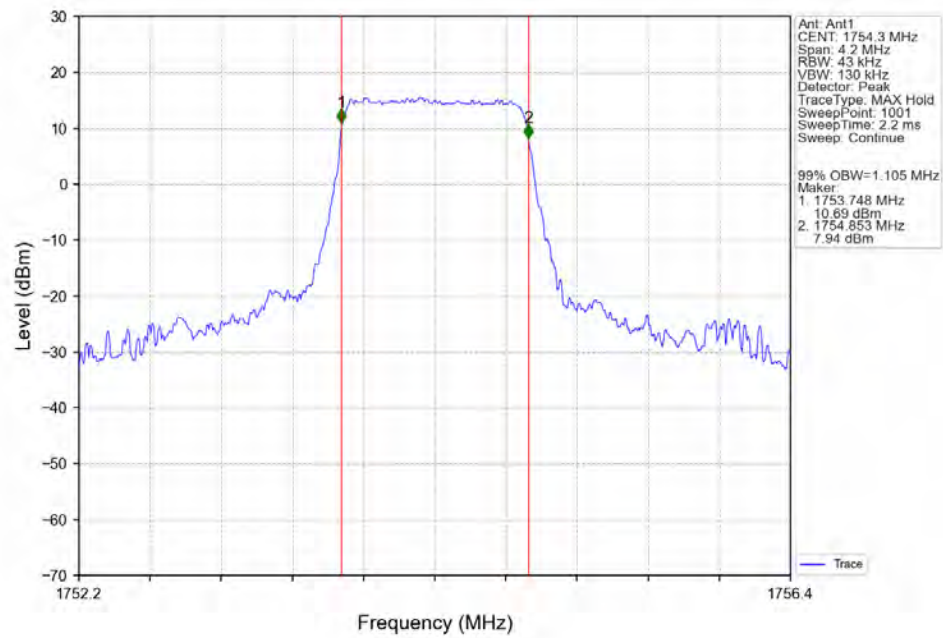
	16QAM	1710.7	6	0	1.340	/	Pass
		1732.5	6	0	1.319	/	Pass
		1754.3	6	0	1.341	/	Pass
3	QPSK	1711.5	15	0	3.024	/	Pass
		1732.5	15	0	3.017	/	Pass
		1753.5	15	0	3.011	/	Pass
	16QAM	1711.5	15	0	3.028	/	Pass
		1732.5	15	0	3.020	/	Pass
		1753.5	15	0	3.011	/	Pass
5	QPSK	1712.5	25	0	5.020	/	Pass
		1732.5	25	0	5.067	/	Pass
		1752.5	25	0	5.043	/	Pass
	16QAM	1712.5	25	0	5.096	/	Pass
		1732.5	25	0	5.086	/	Pass
		1752.5	25	0	5.070	/	Pass
10	QPSK	1715	50	0	9.960	/	Pass
		1732.5	50	0	9.968	/	Pass
		1750	50	0	9.942	/	Pass
	16QAM	1715	50	0	9.964	/	Pass
		1732.5	50	0	9.941	/	Pass
		1750	50	0	9.898	/	Pass
15	QPSK	1717.5	75	0	14.942	/	Pass
		1732.5	75	0	14.865	/	Pass
		1747.5	75	0	14.893	/	Pass
	16QAM	1717.5	75	0	14.941	/	Pass
		1732.5	75	0	14.932	/	Pass
		1747.5	75	0	14.807	/	Pass
20	QPSK	1720	100	0	19.639	/	Pass
		1732.5	100	0	19.764	/	Pass
		1745	100	0	19.735	/	Pass
	16QAM	1720	100	0	19.818	/	Pass
		1732.5	100	0	19.664	/	Pass
		1745	100	0	19.663	/	Pass

4.2 Test Graph

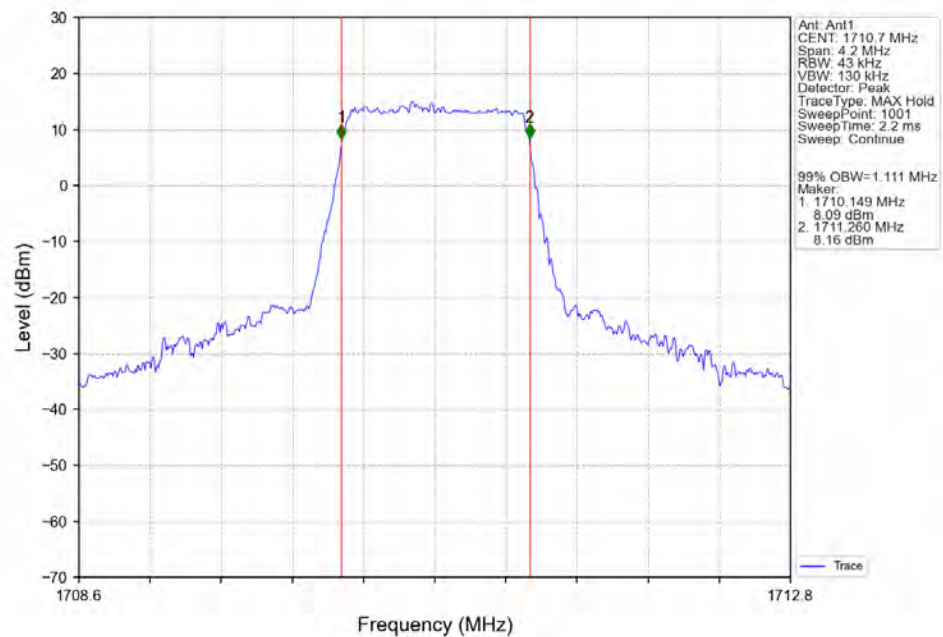
4.2.1 Band4_OBW



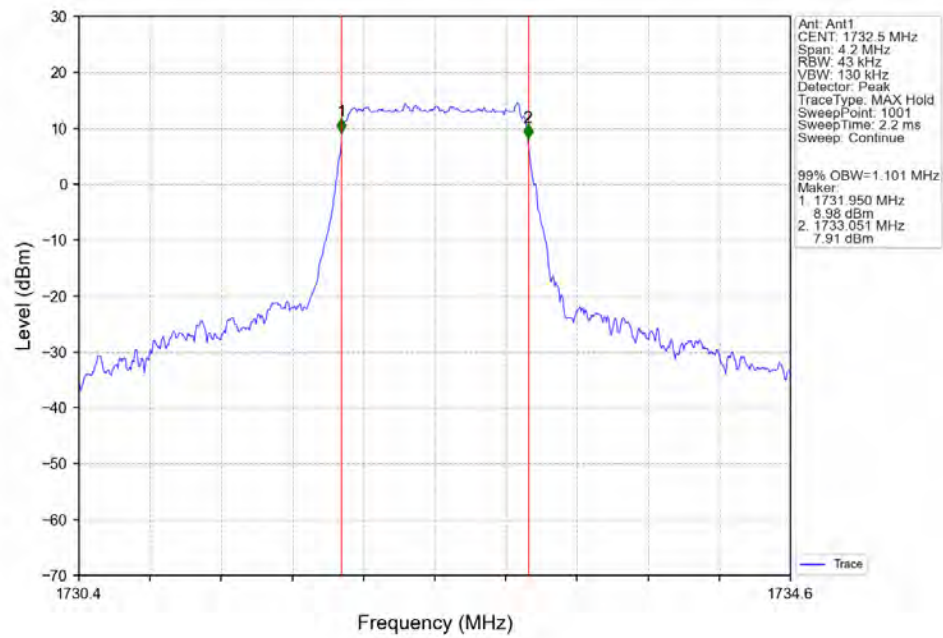
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



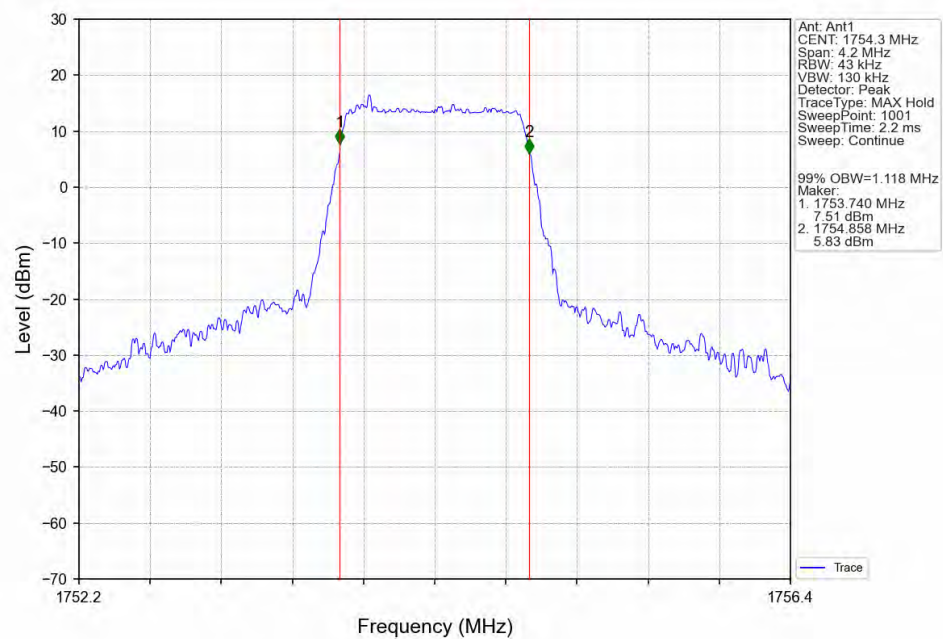
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



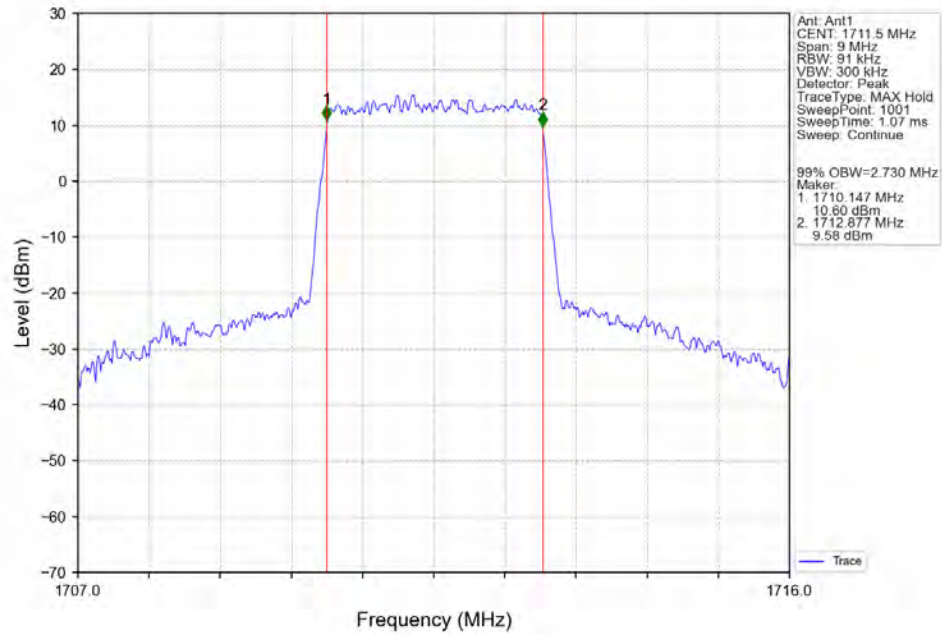
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



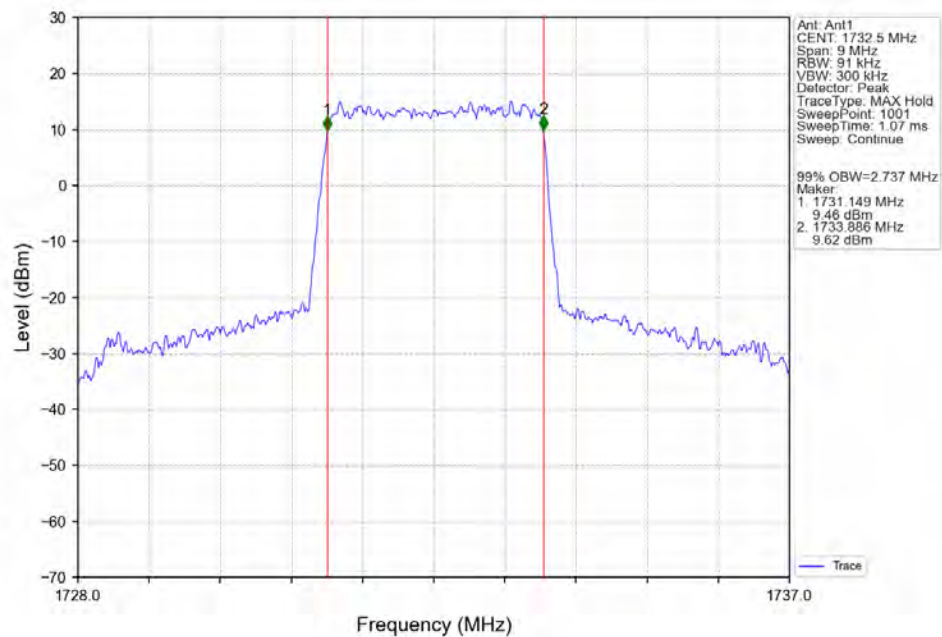
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



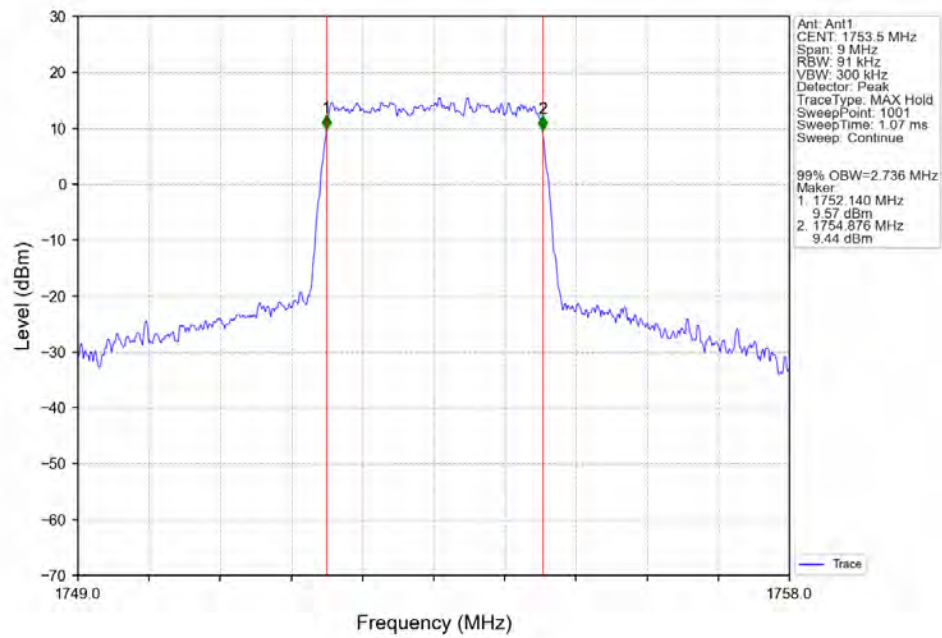
Band4 3MHz QPSK LCH 1711.5MHz RB 15_0 NTN



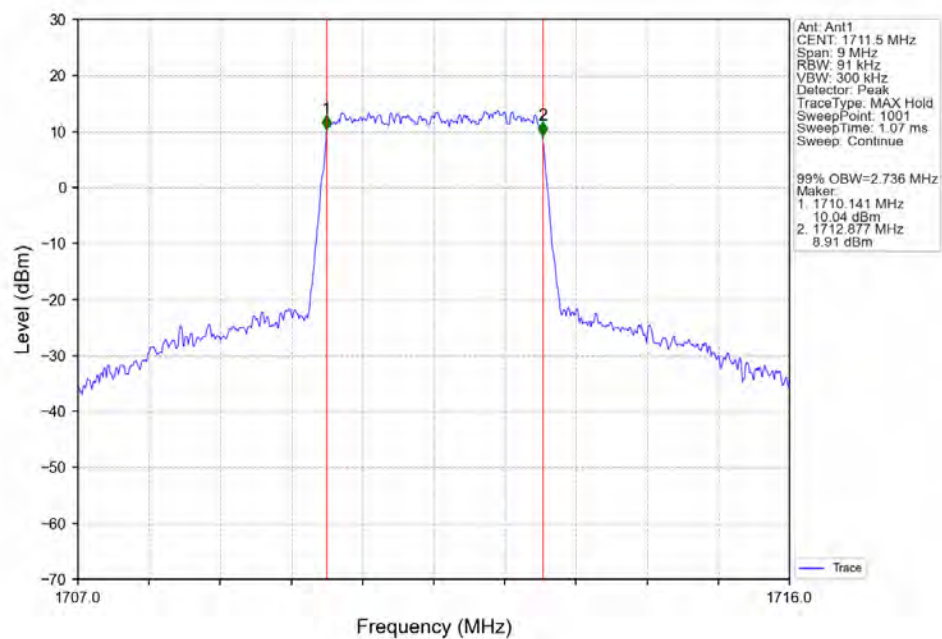
Band4 3MHz QPSK MCH 1732.5MHz RB 15_0 NTN



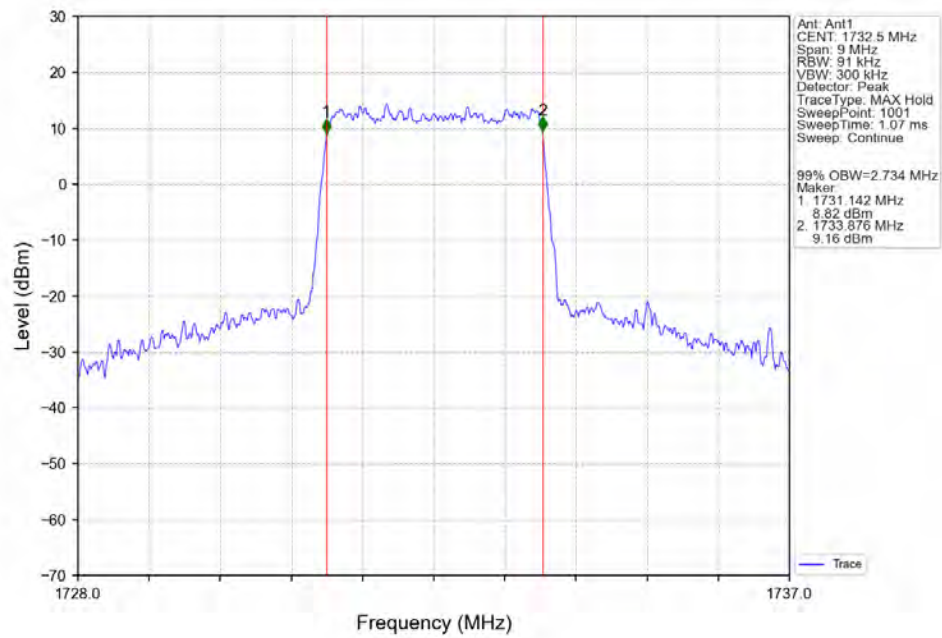
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



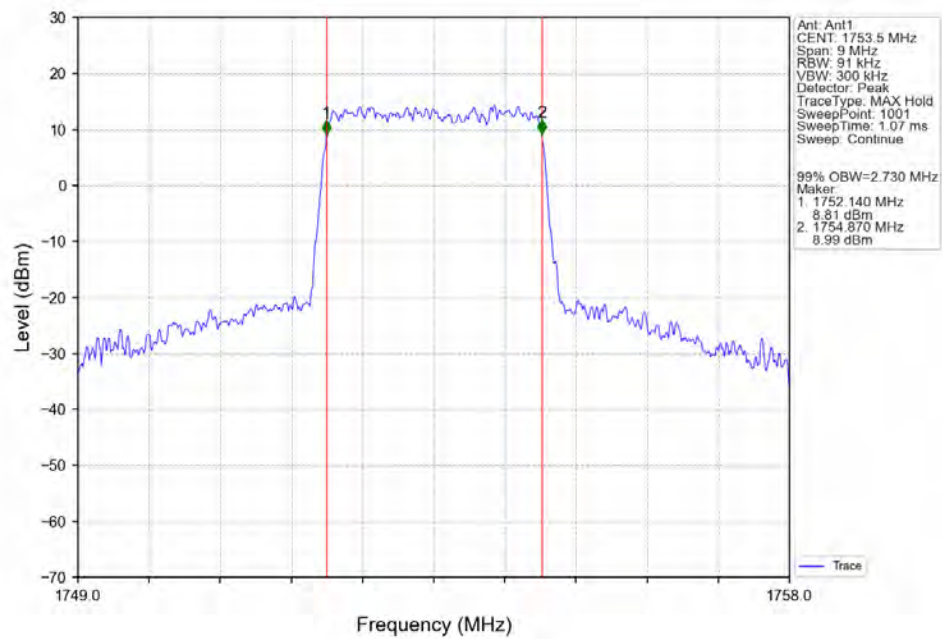
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



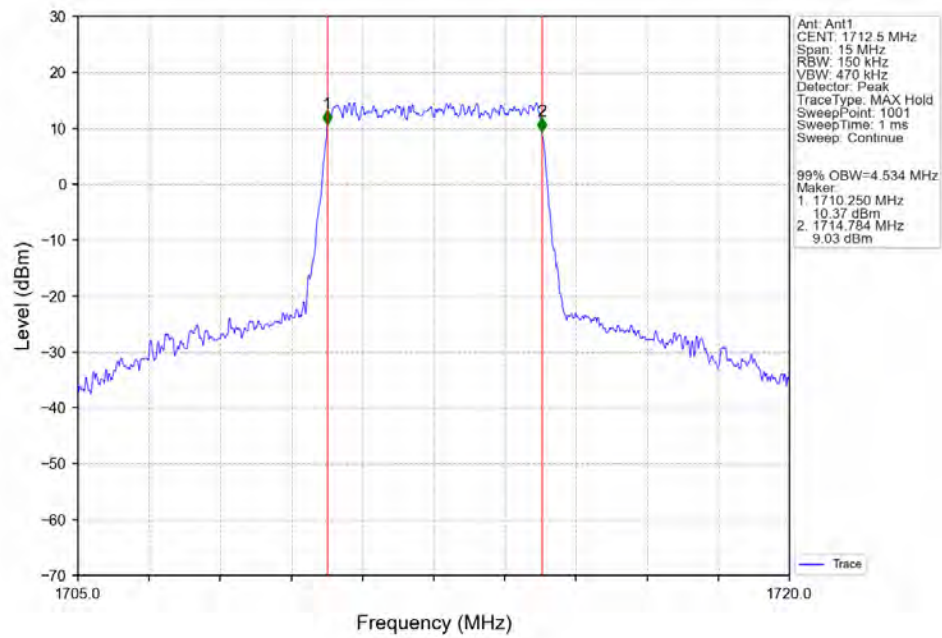
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



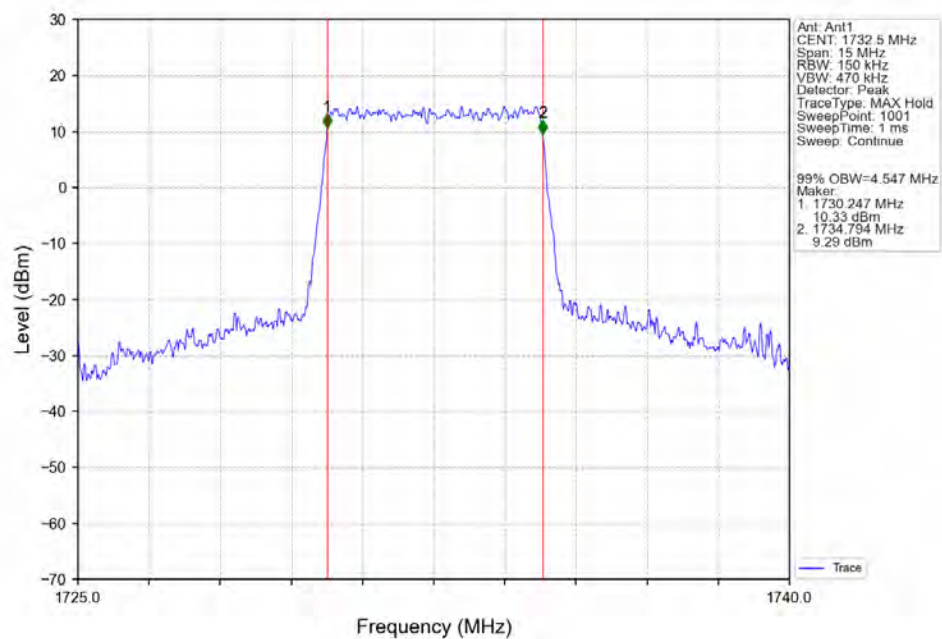
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



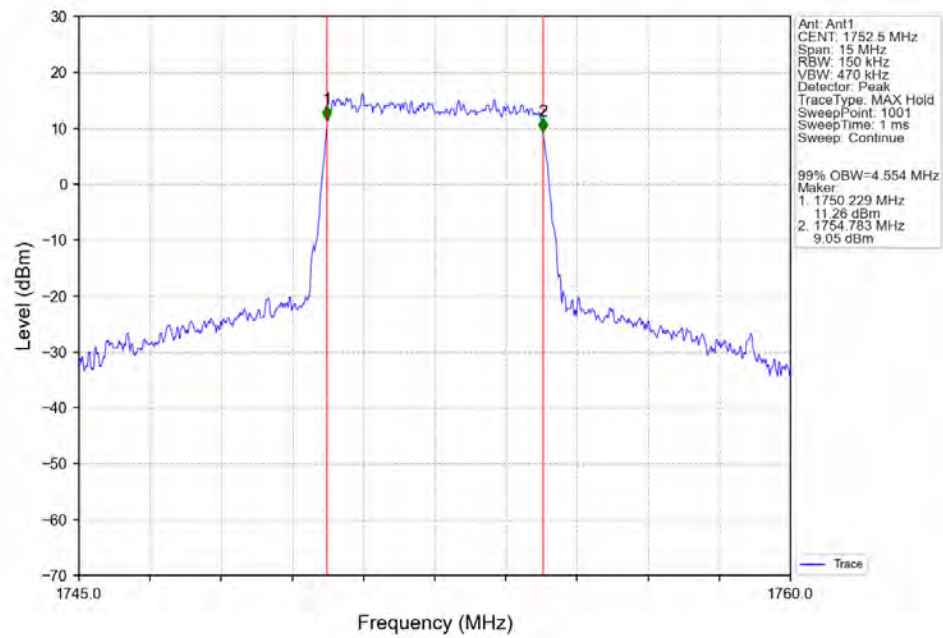
Band4 5MHz QPSK LCH 1712.5MHz RB 25_0 NTN



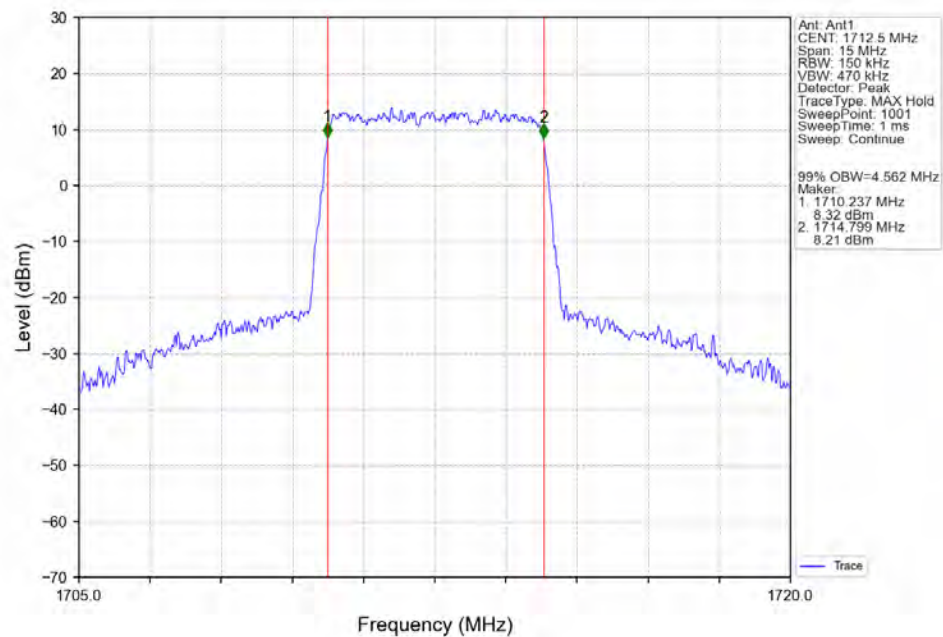
Band4 5MHz QPSK MCH 1732.5MHz RB 25_0 NTN



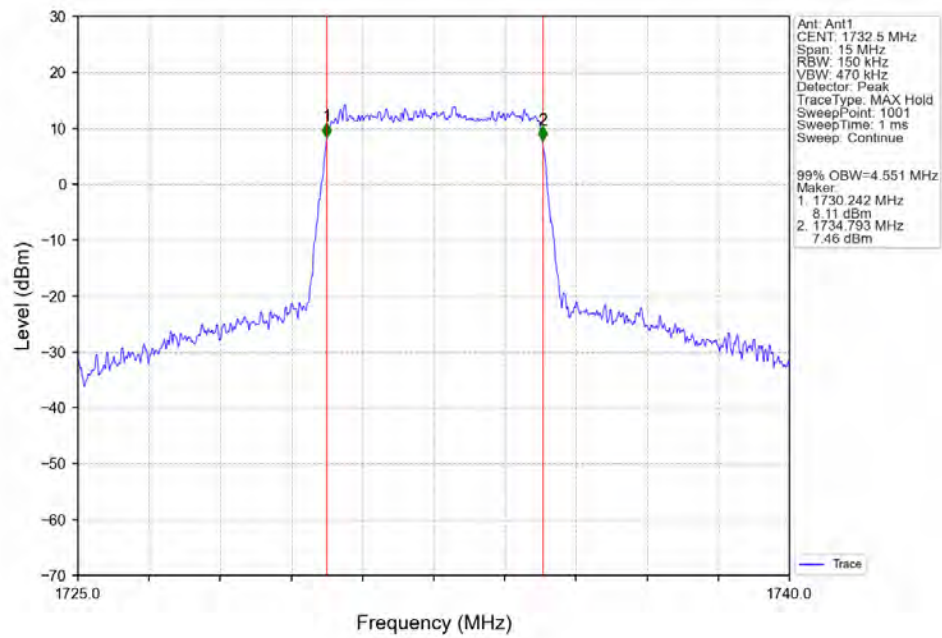
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



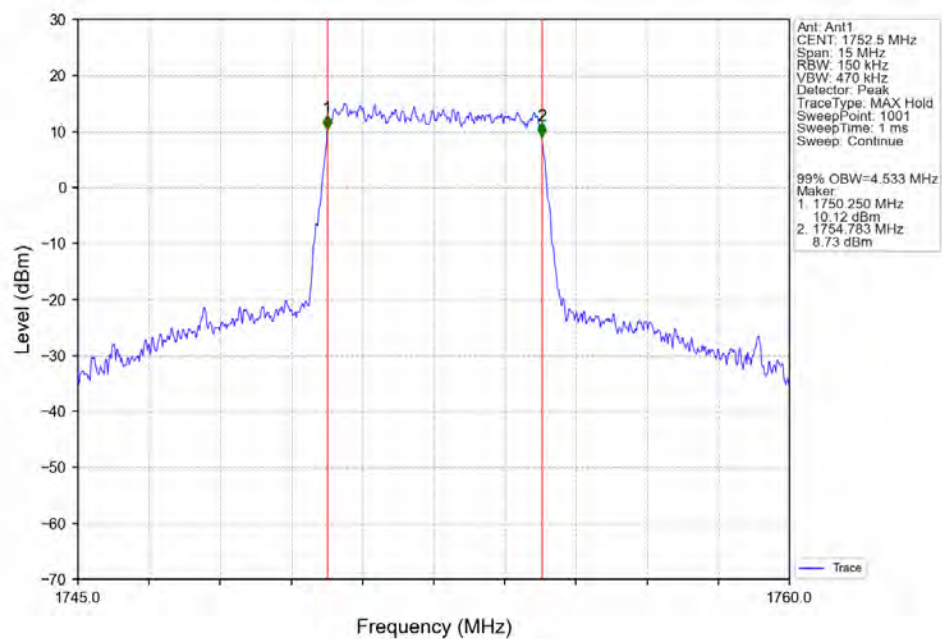
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



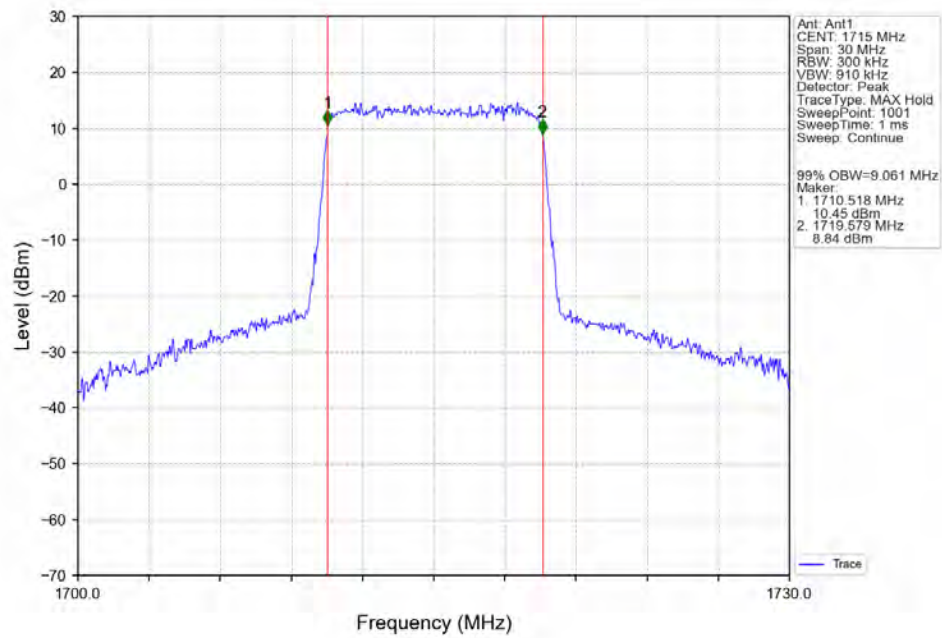
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



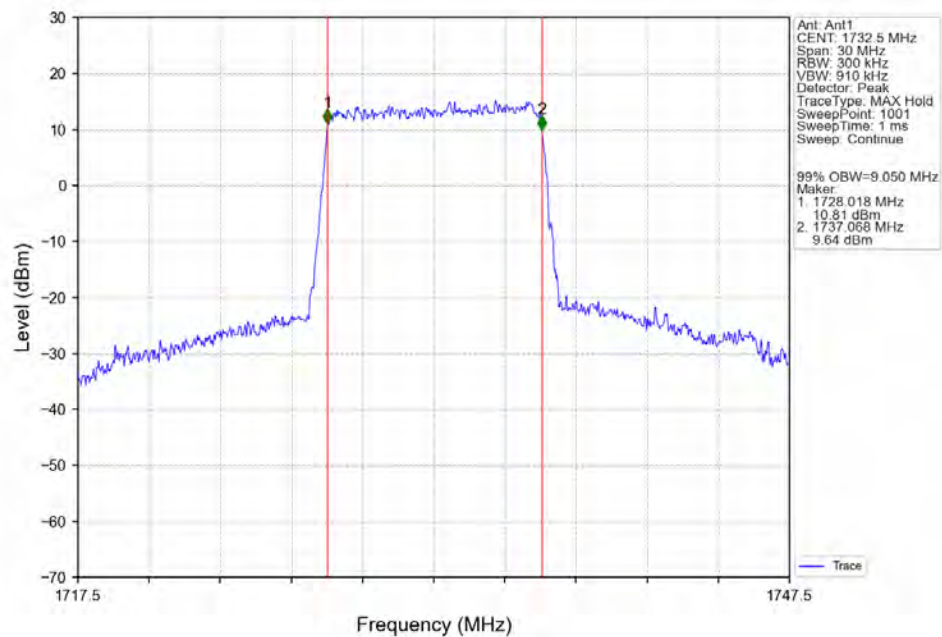
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



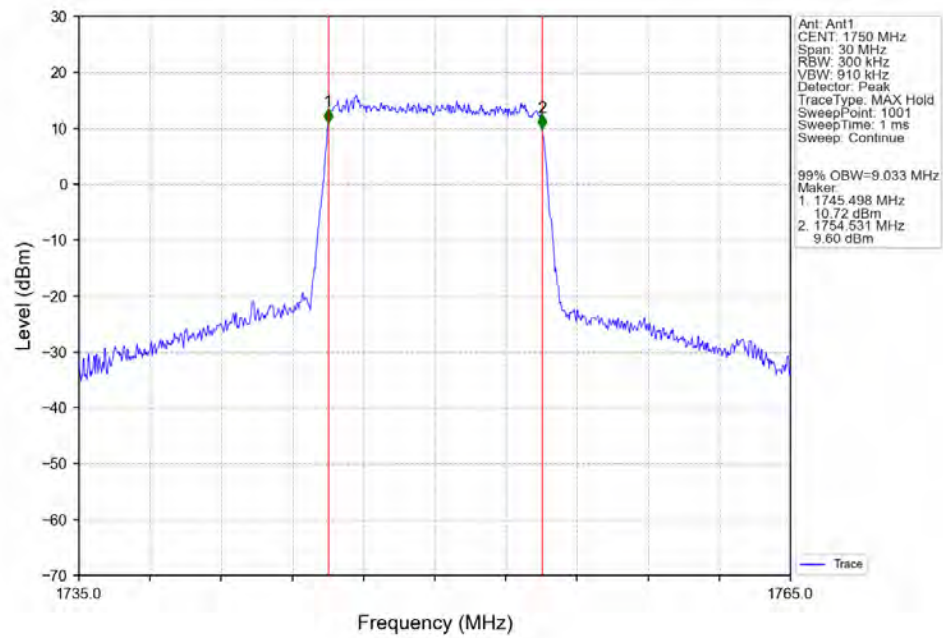
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



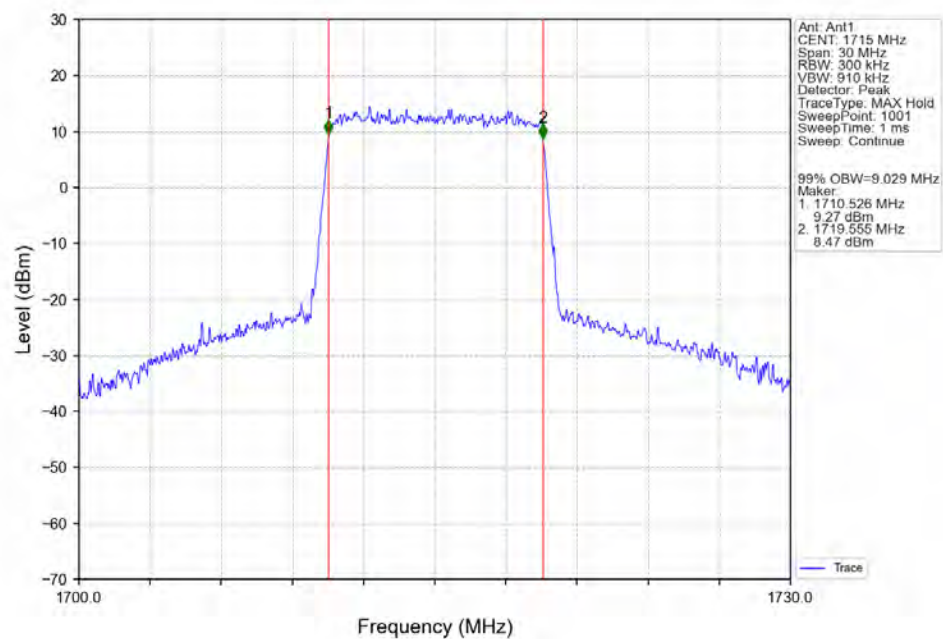
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



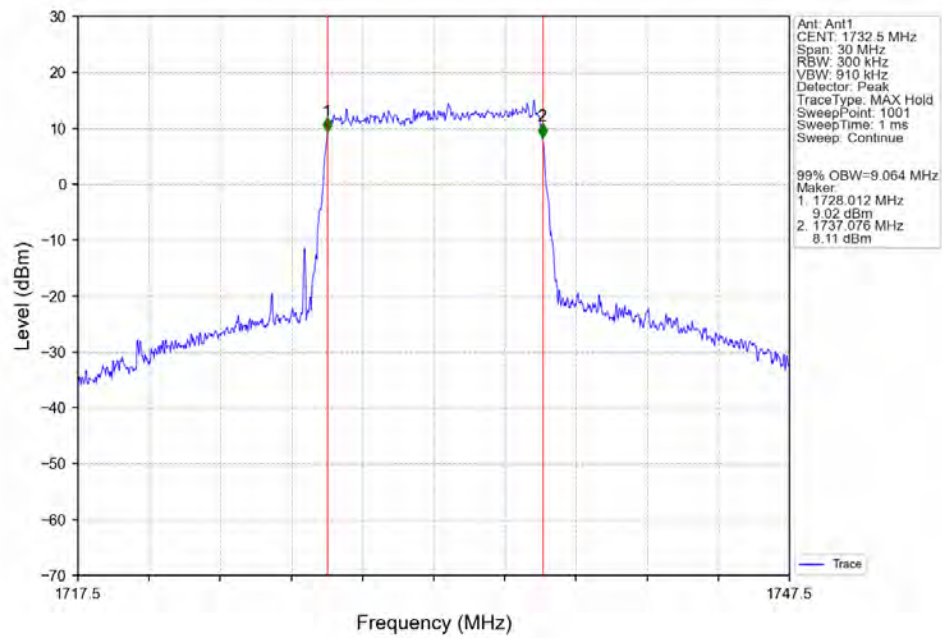
Band4 10MHz QPSK HCH 1750MHz RB 50_0 NTN



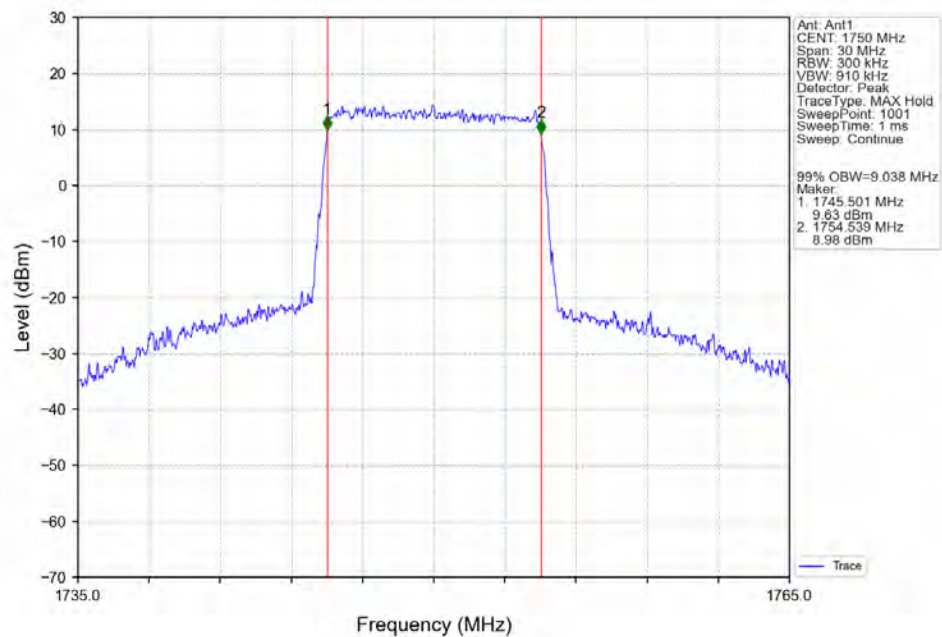
Band4 10MHz 16QAM LCH 1715MHz RB 50_0 NTN



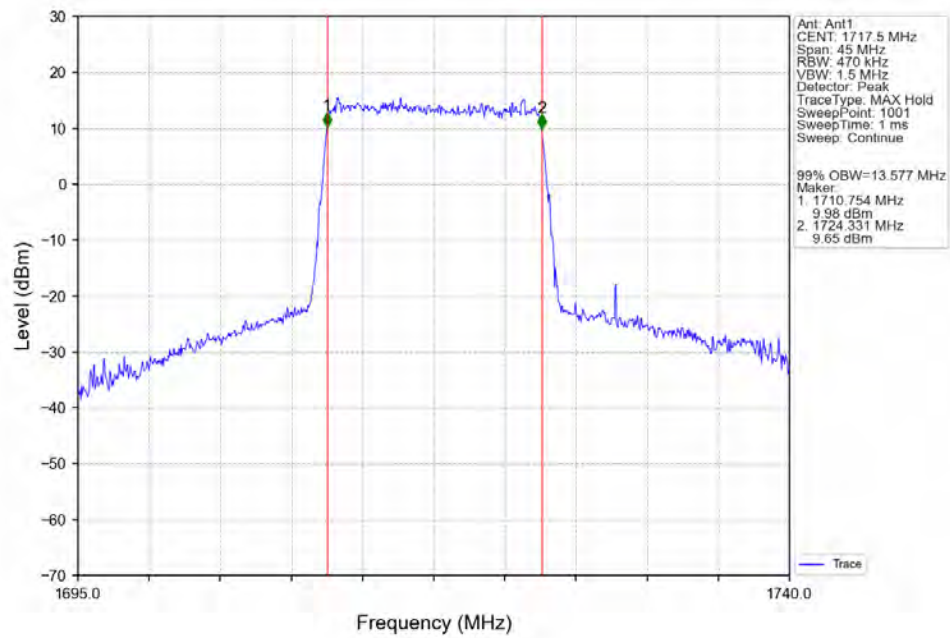
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



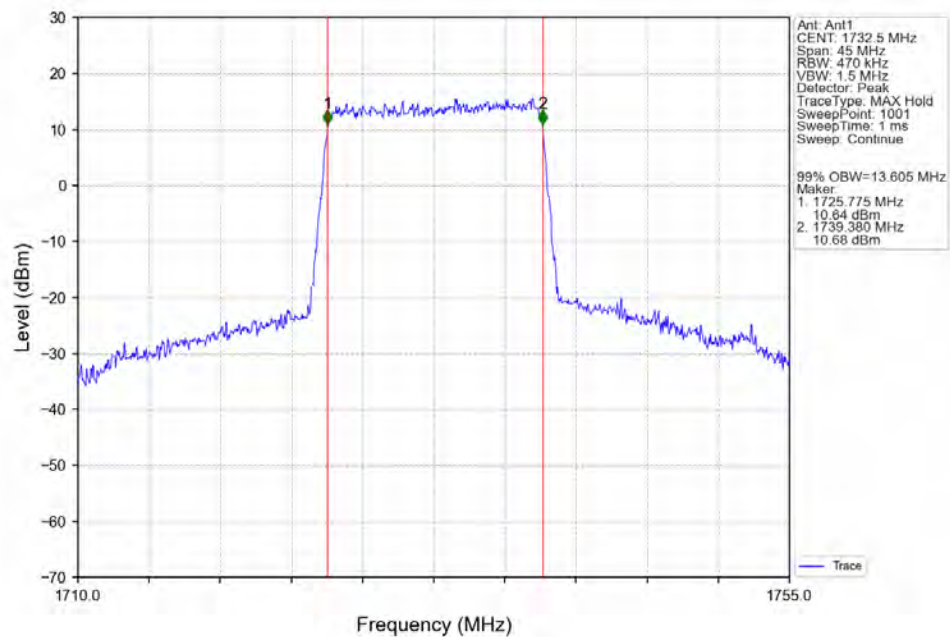
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



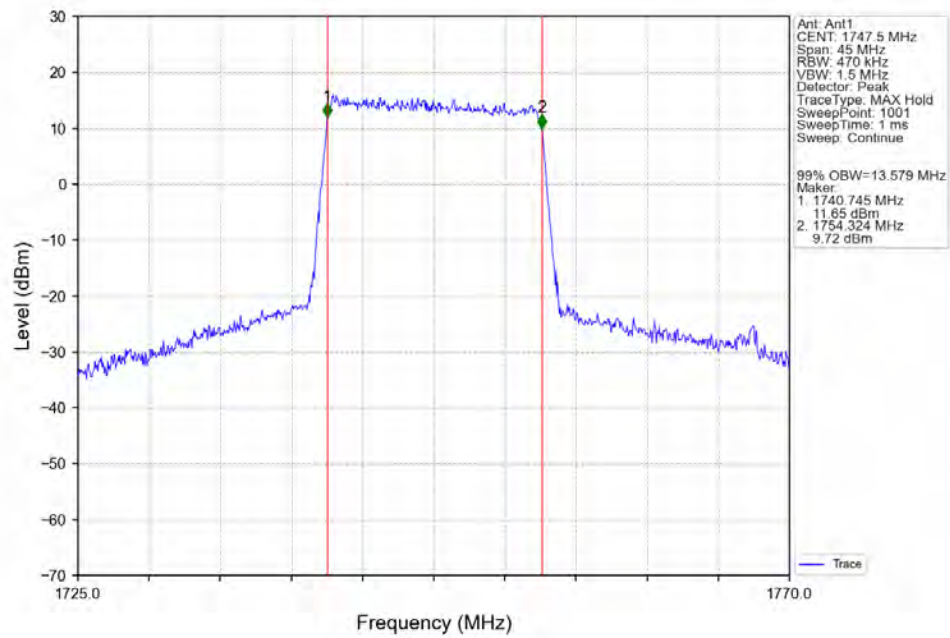
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



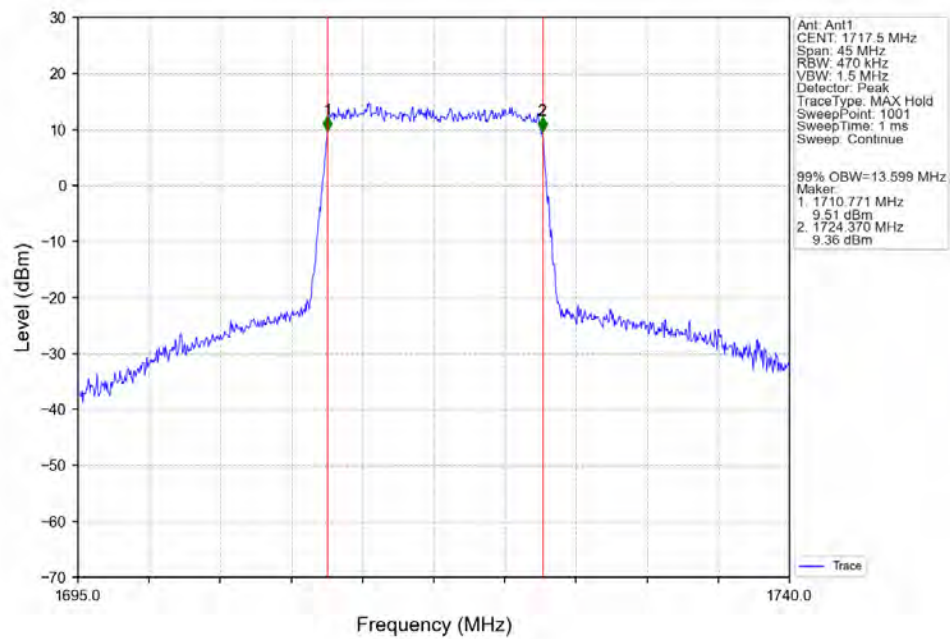
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



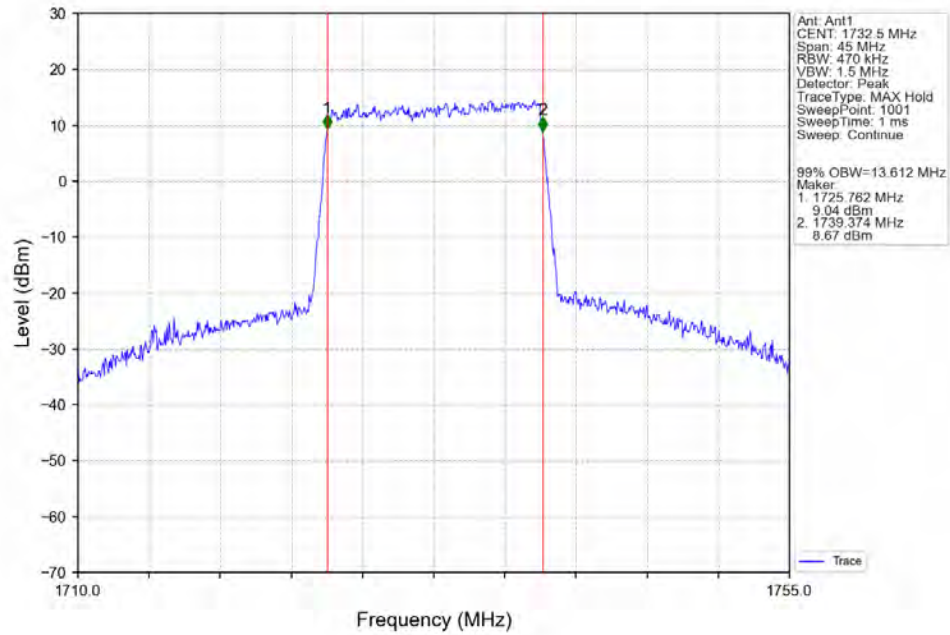
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



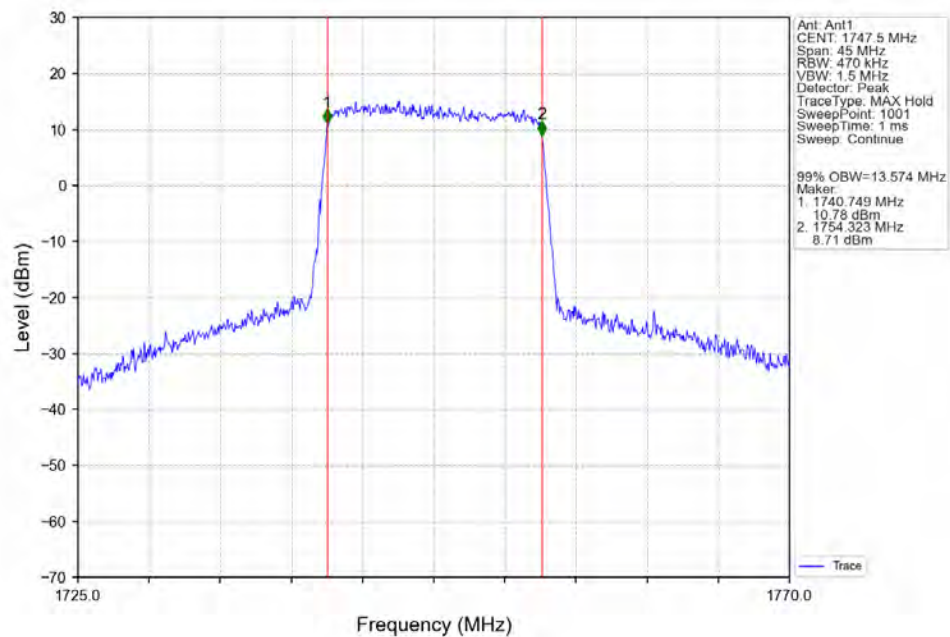
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



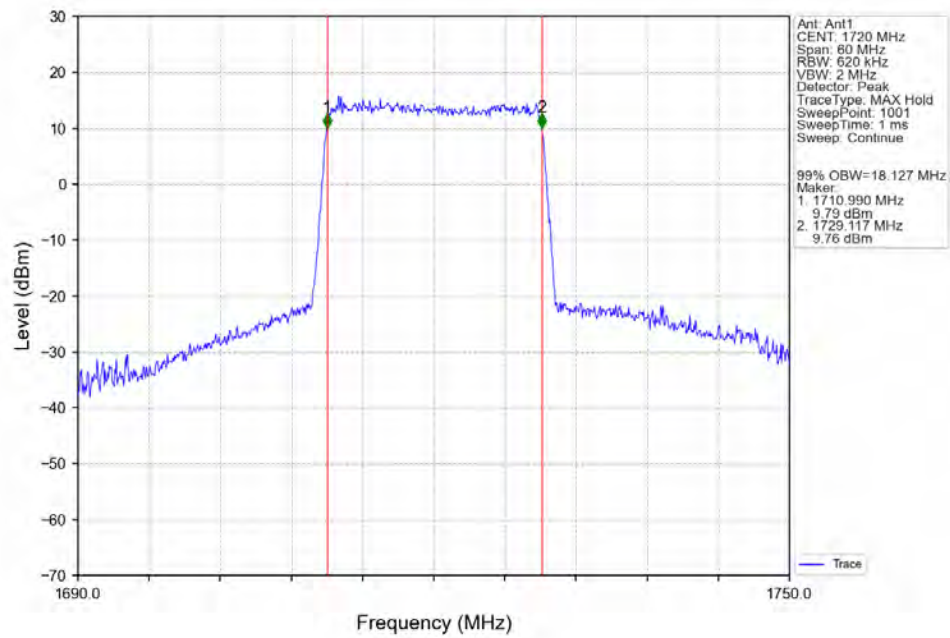
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN



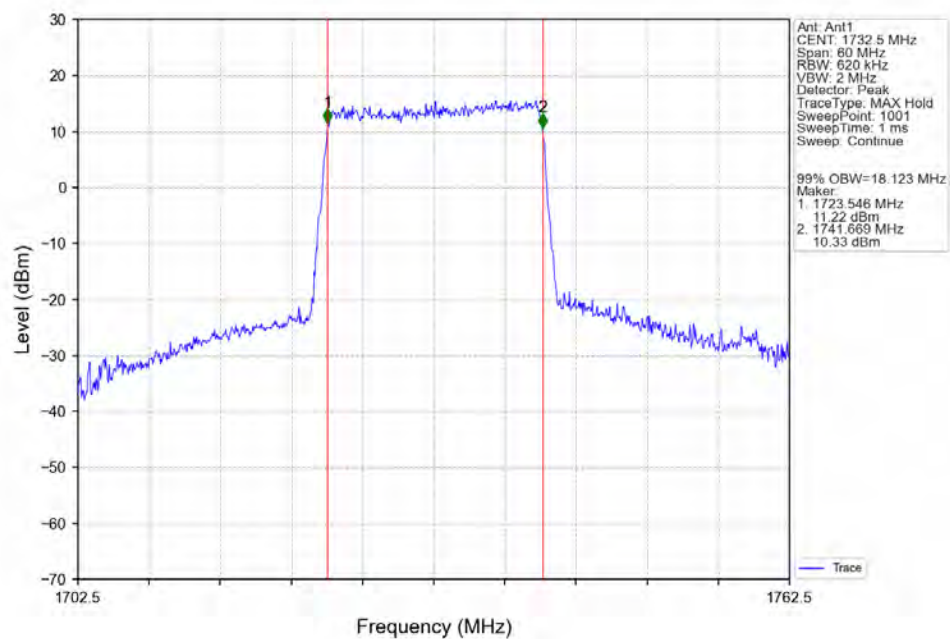
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN



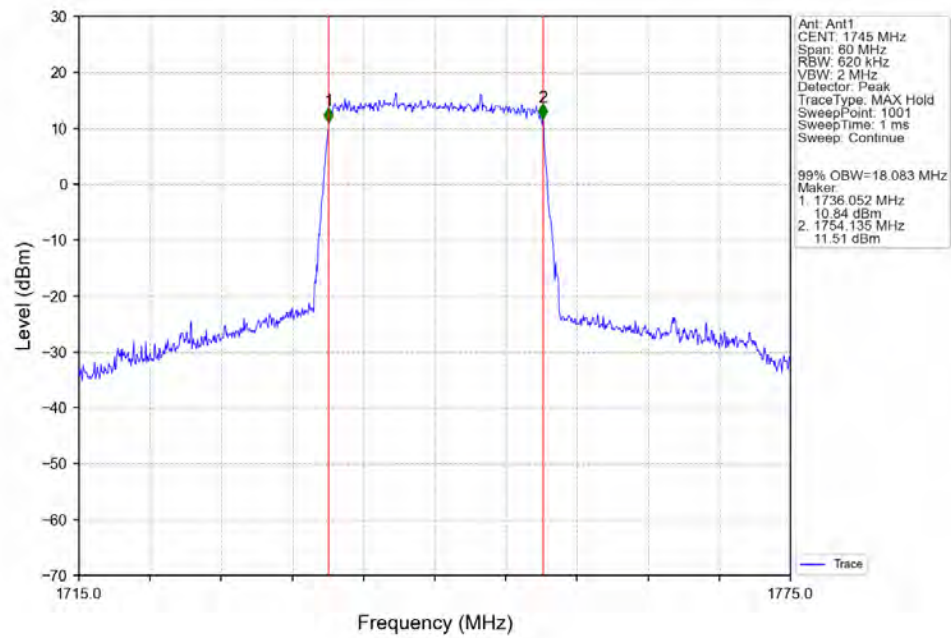
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



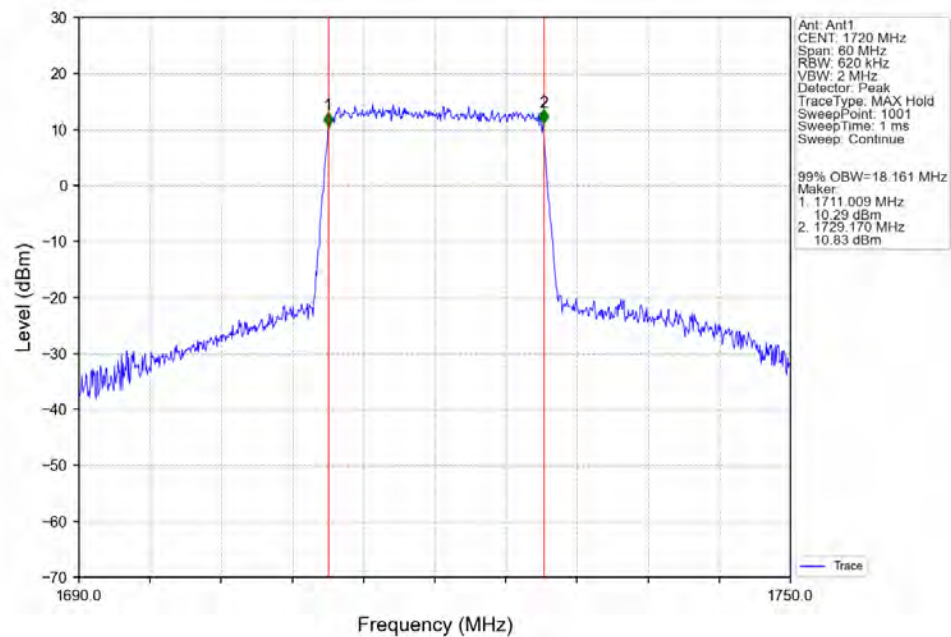
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



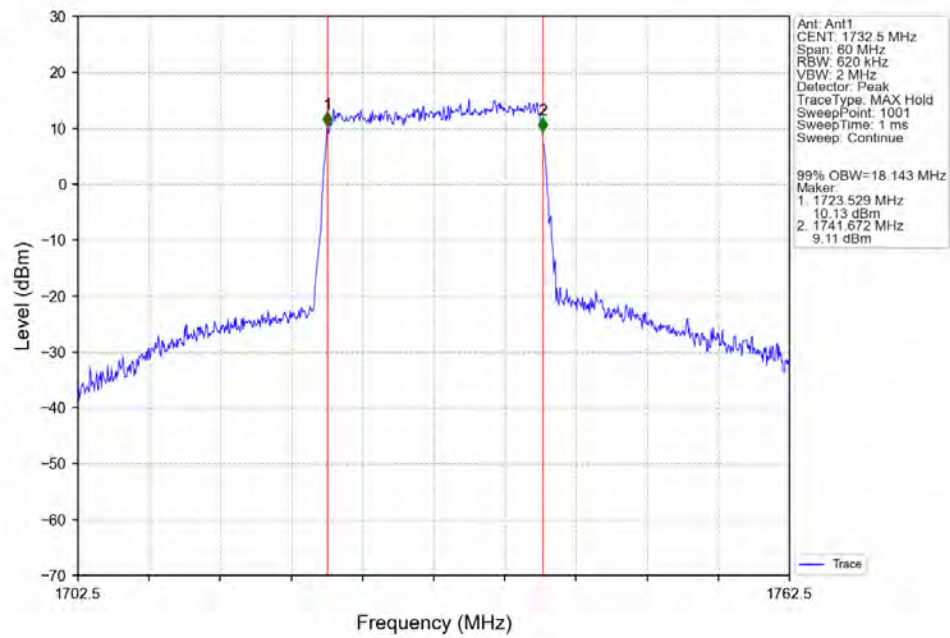
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



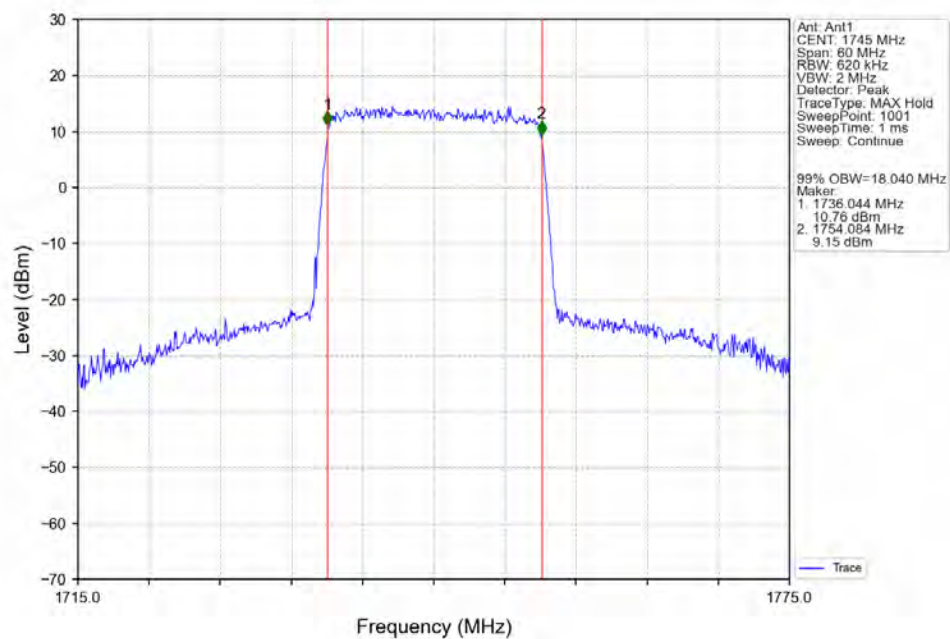
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

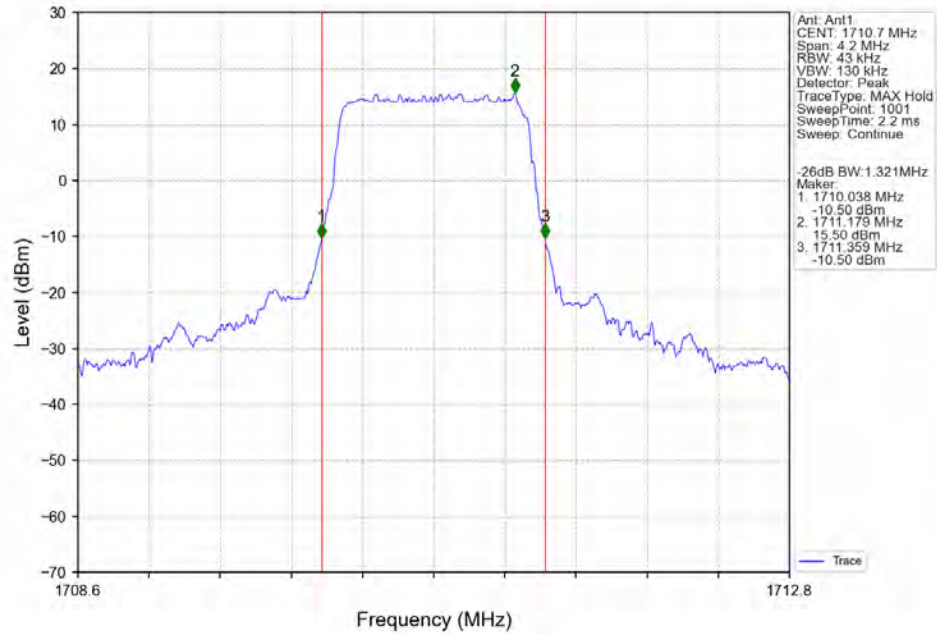


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

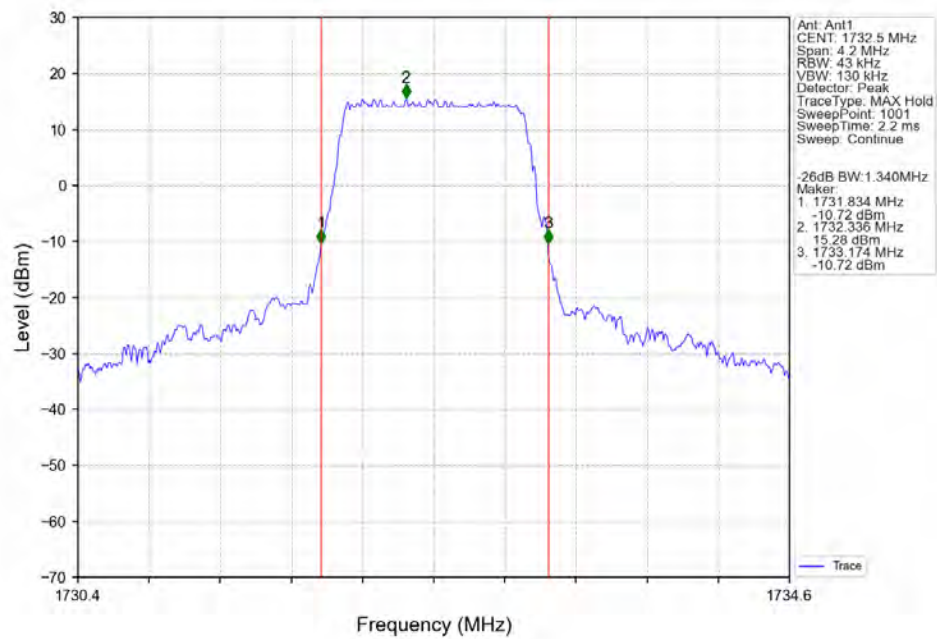


4.2.2 Band4_XDB

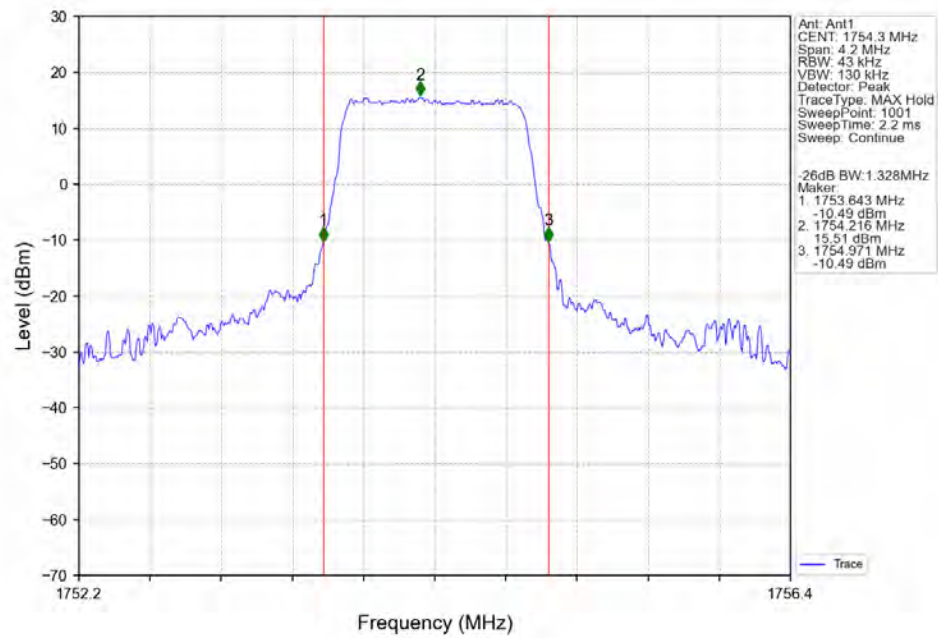
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



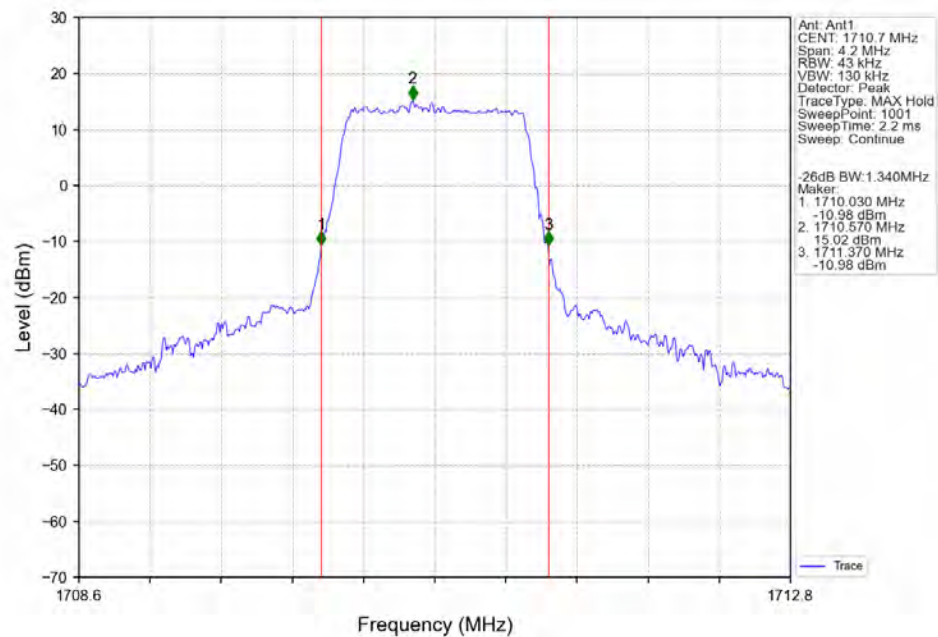
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



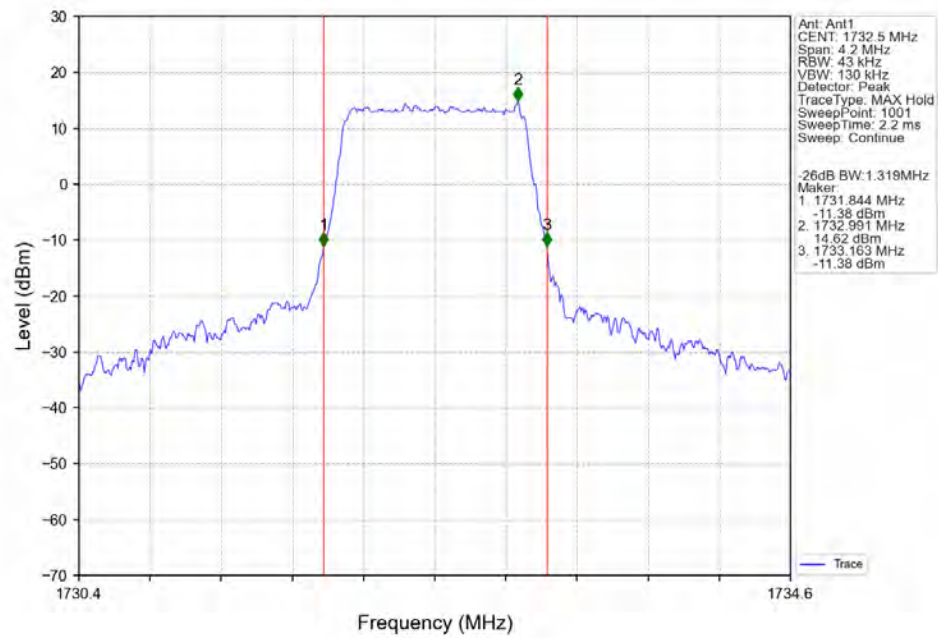
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



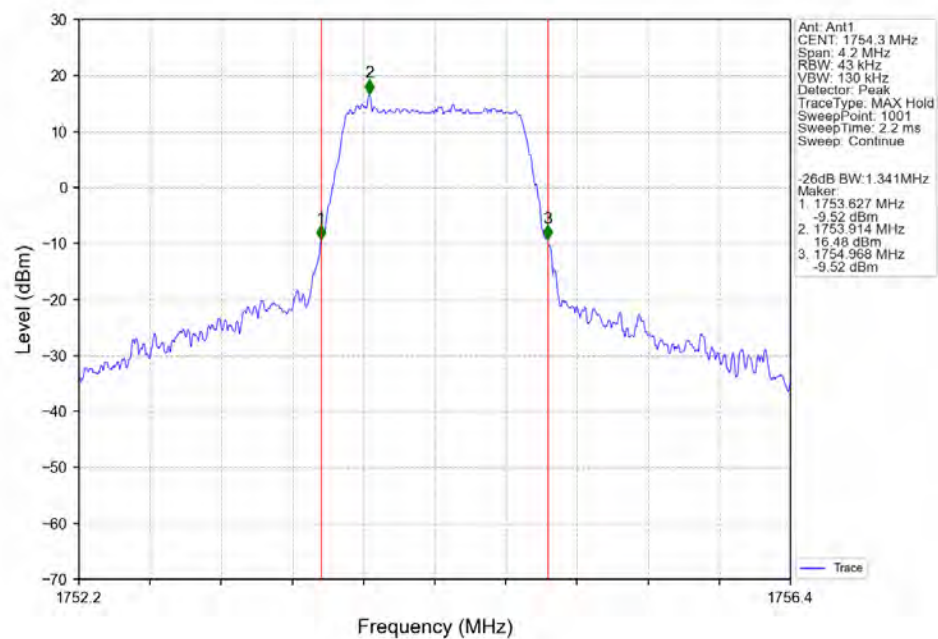
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



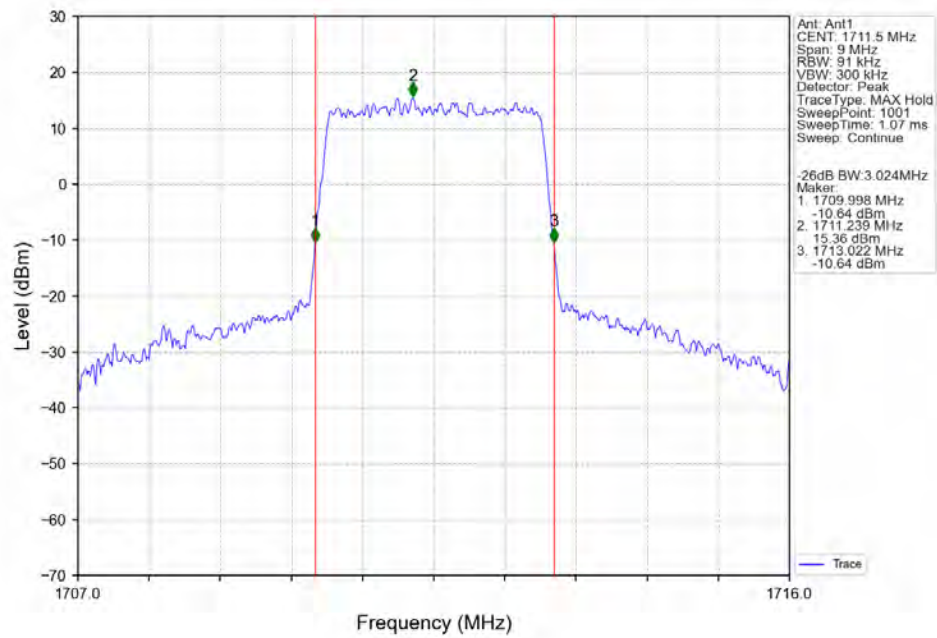
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTN



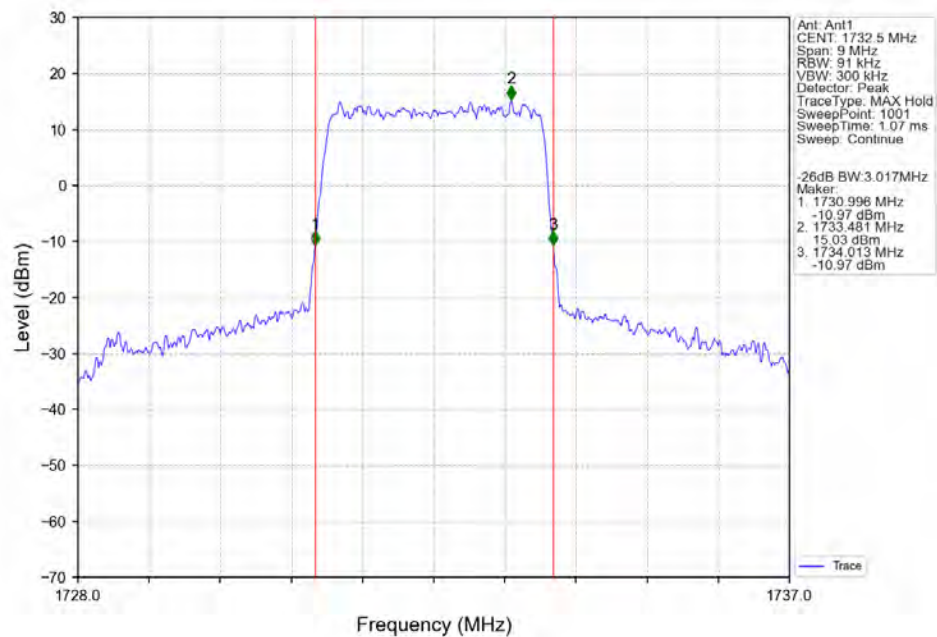
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTN



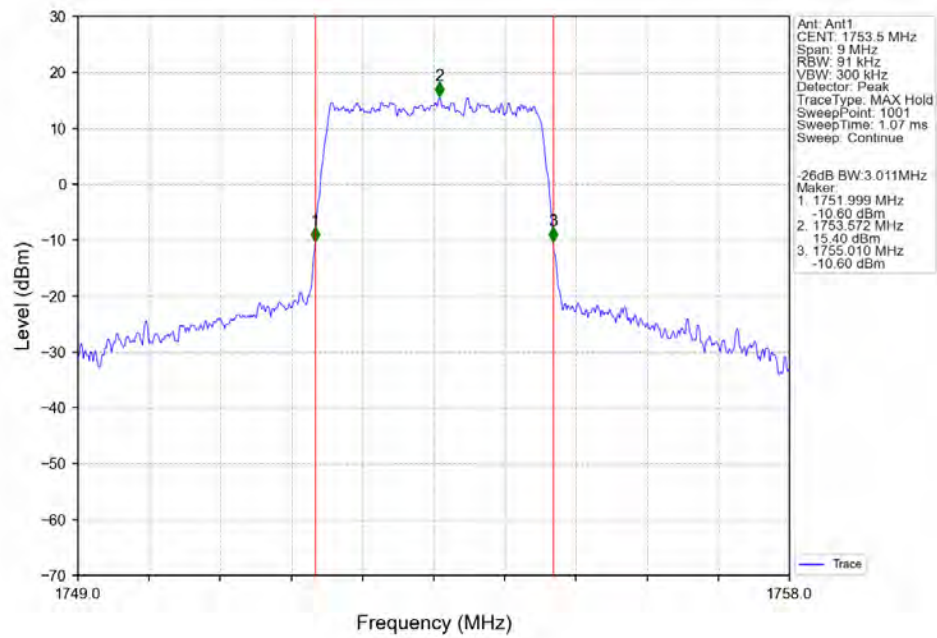
Band4 3MHz QPSK LCH 1711.5MHz RB 15_0 NTN



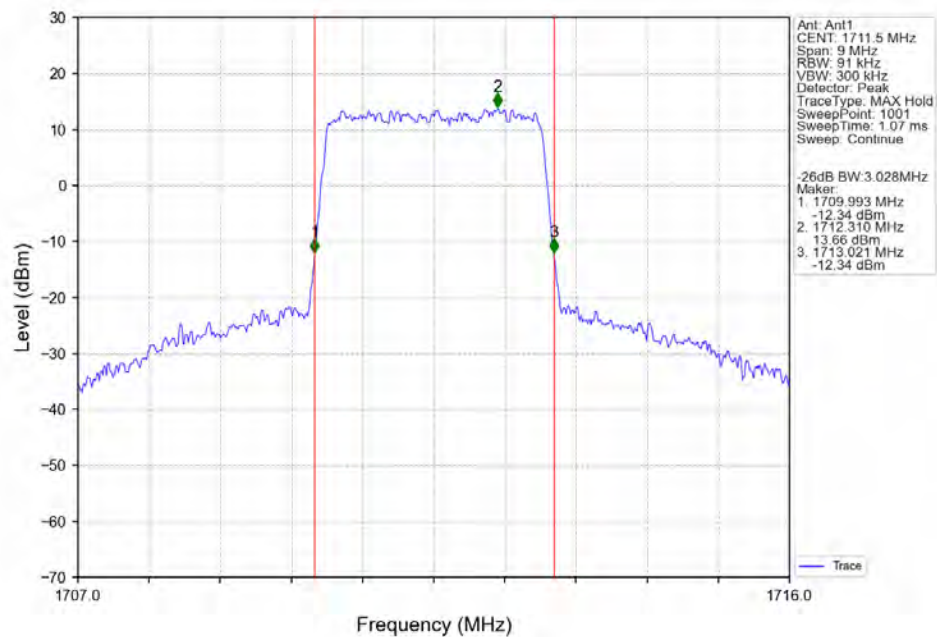
Band4 3MHz QPSK MCH 1732.5MHz RB 15_0 NTN



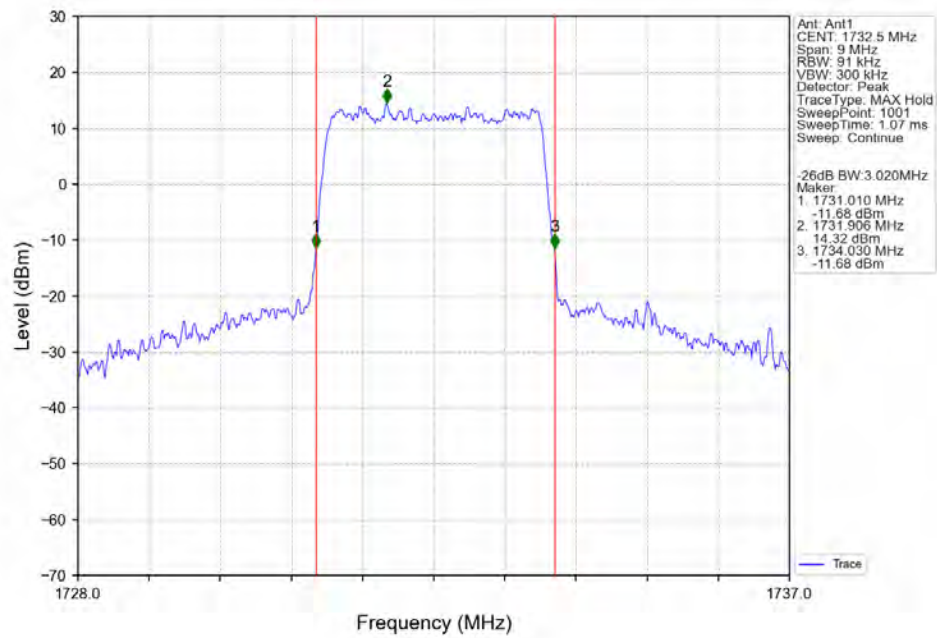
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



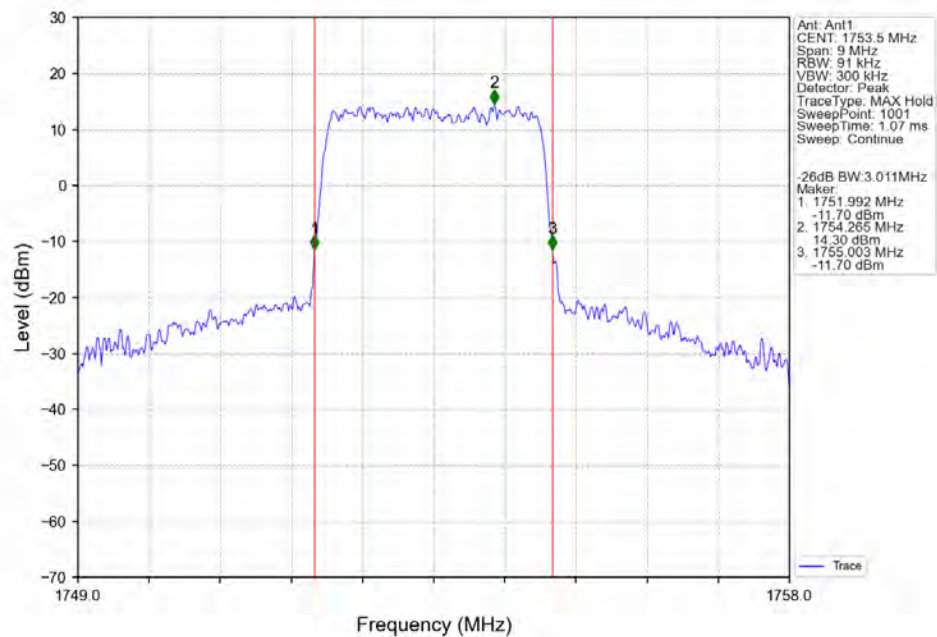
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



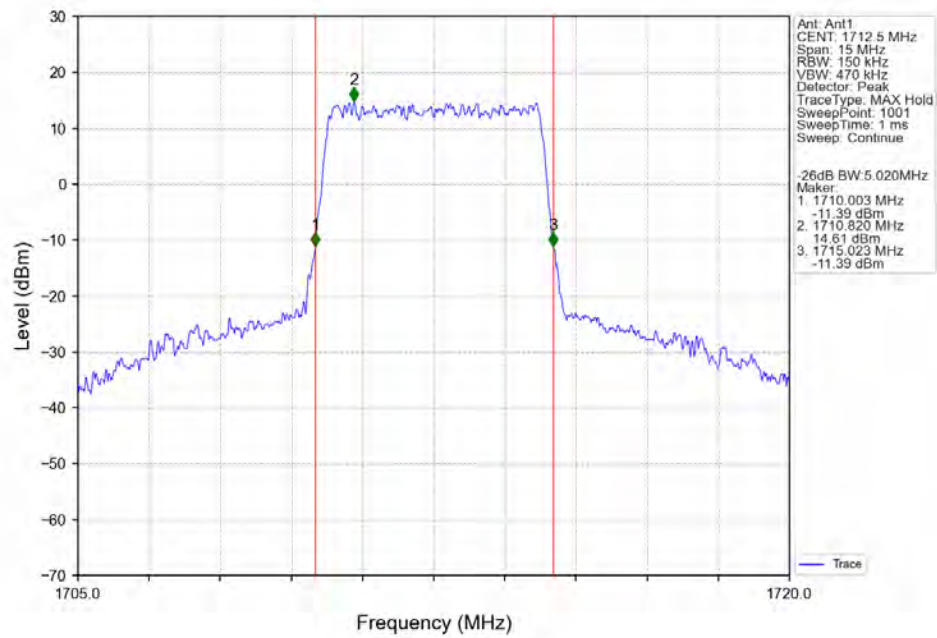
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



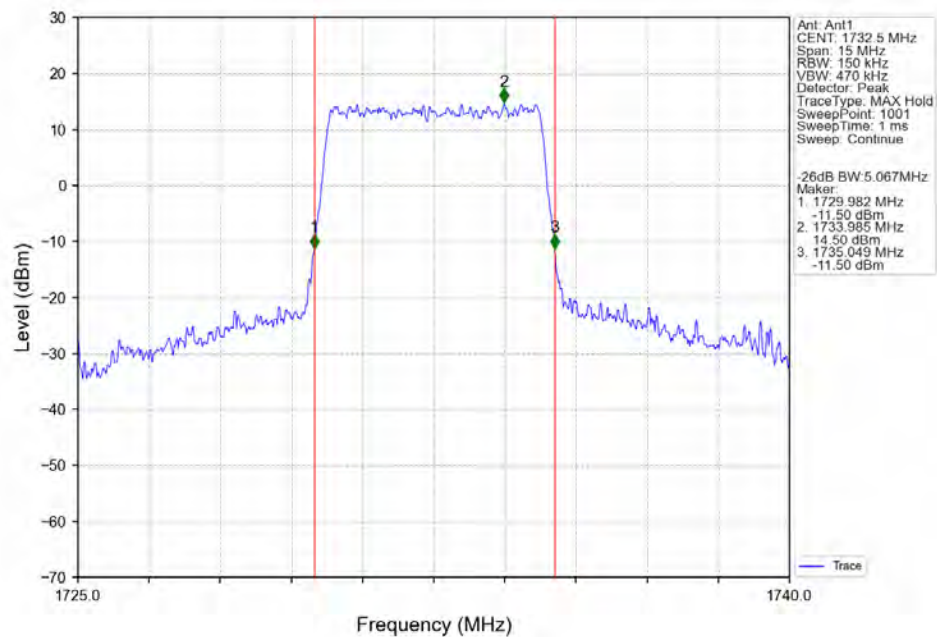
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



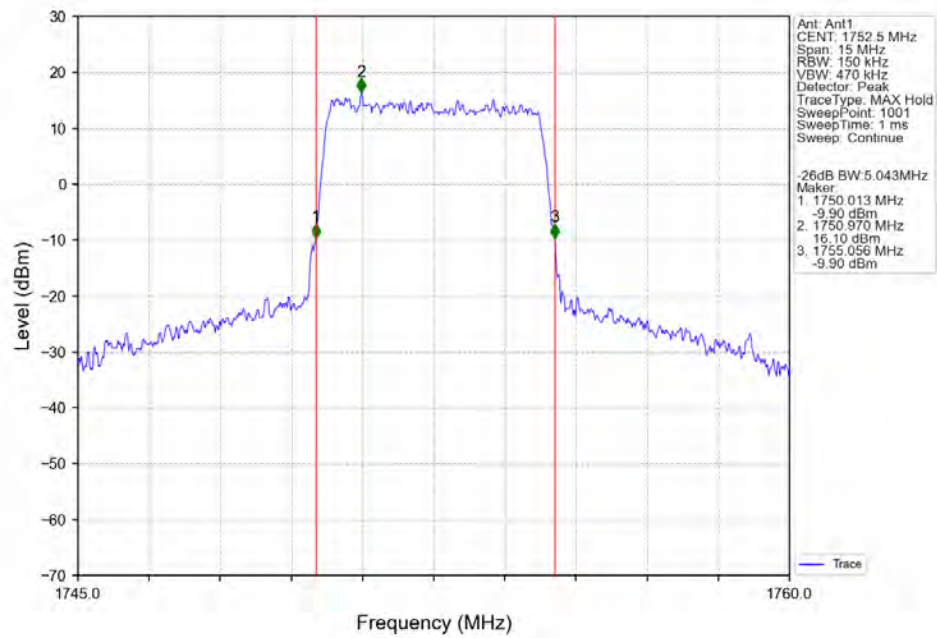
Band4 5MHz QPSK LCH 1712.5MHz RB 25_0 NTN



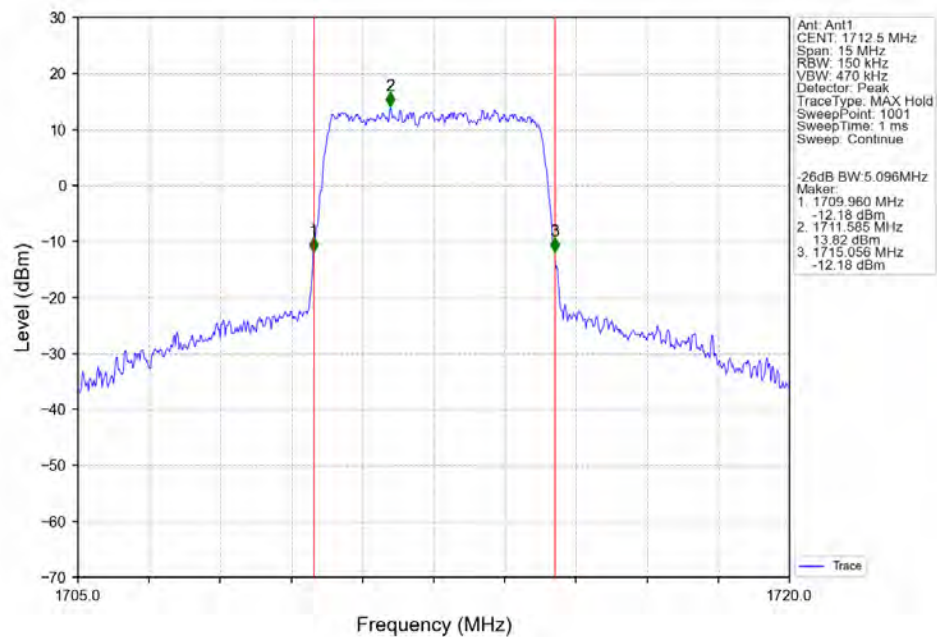
Band4 5MHz QPSK MCH 1732.5MHz RB 25_0 NTN



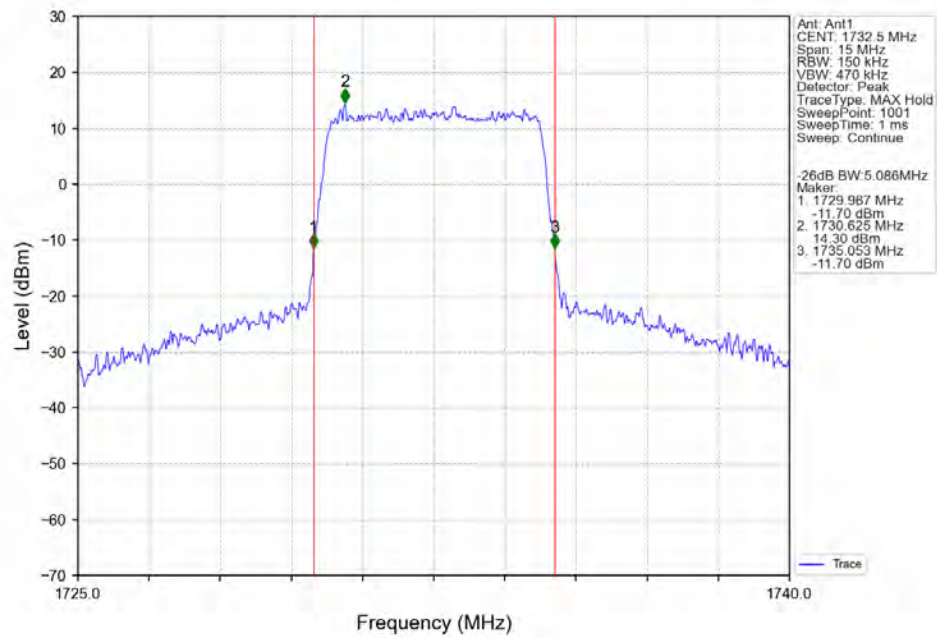
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



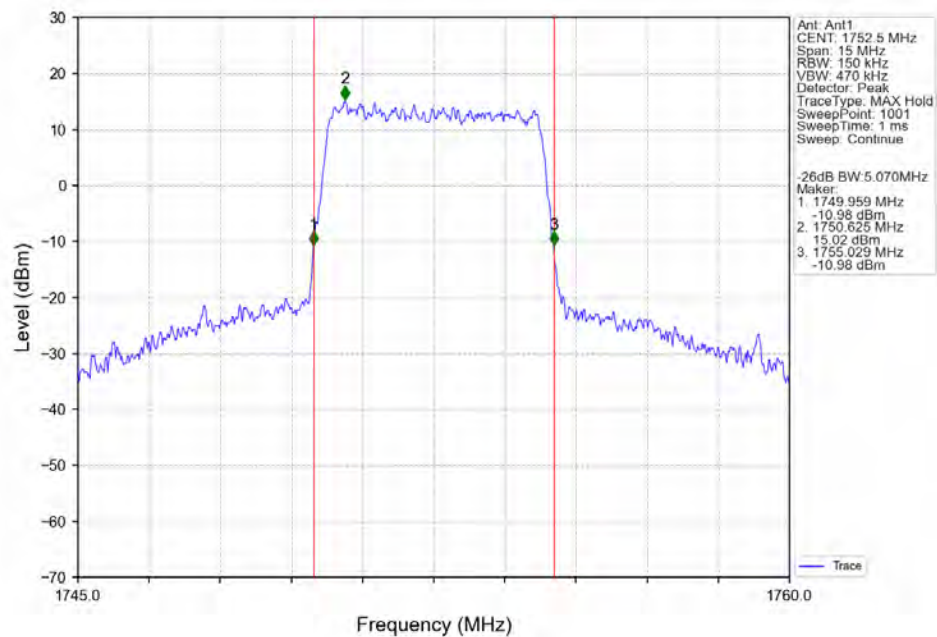
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



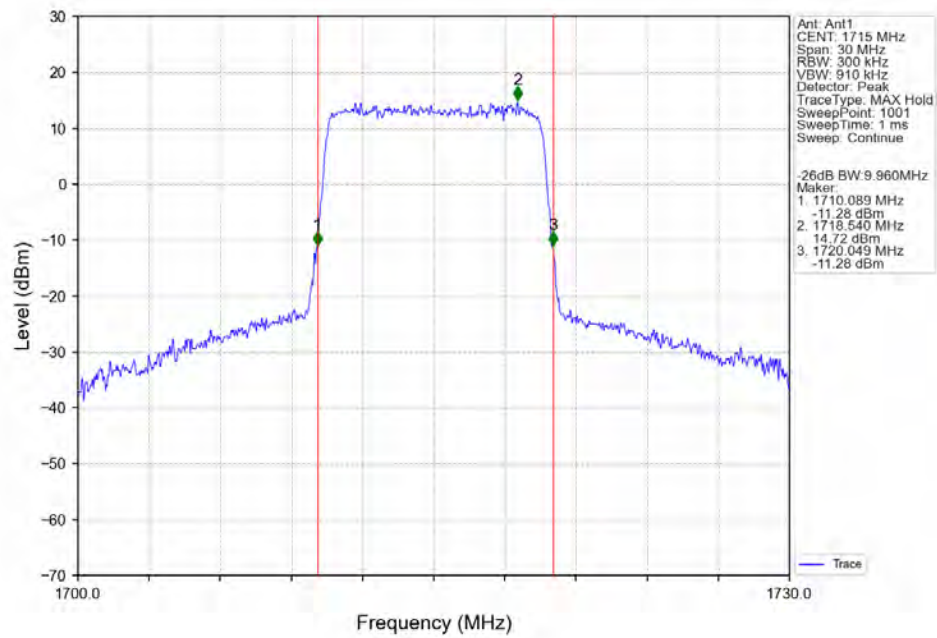
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



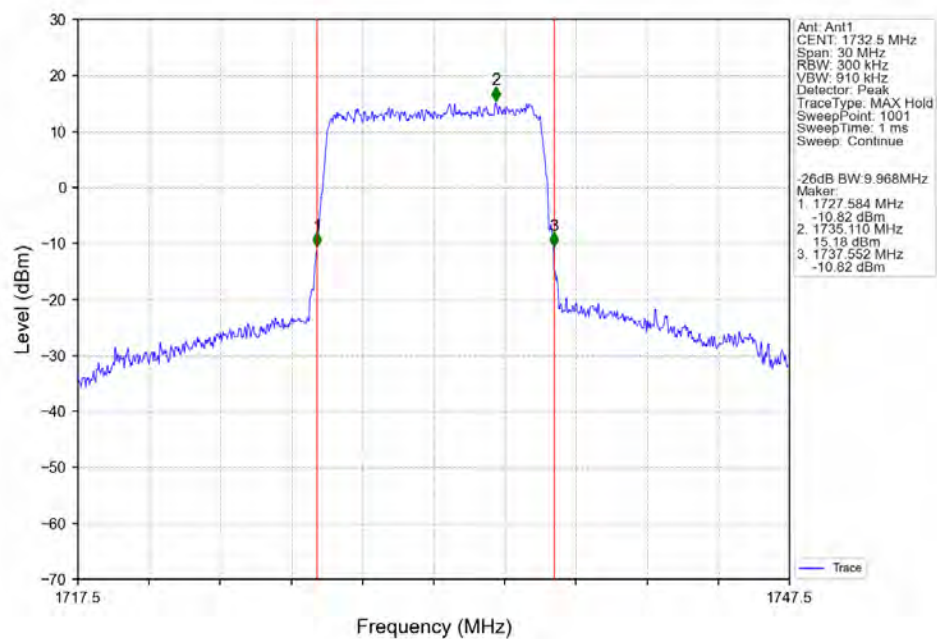
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



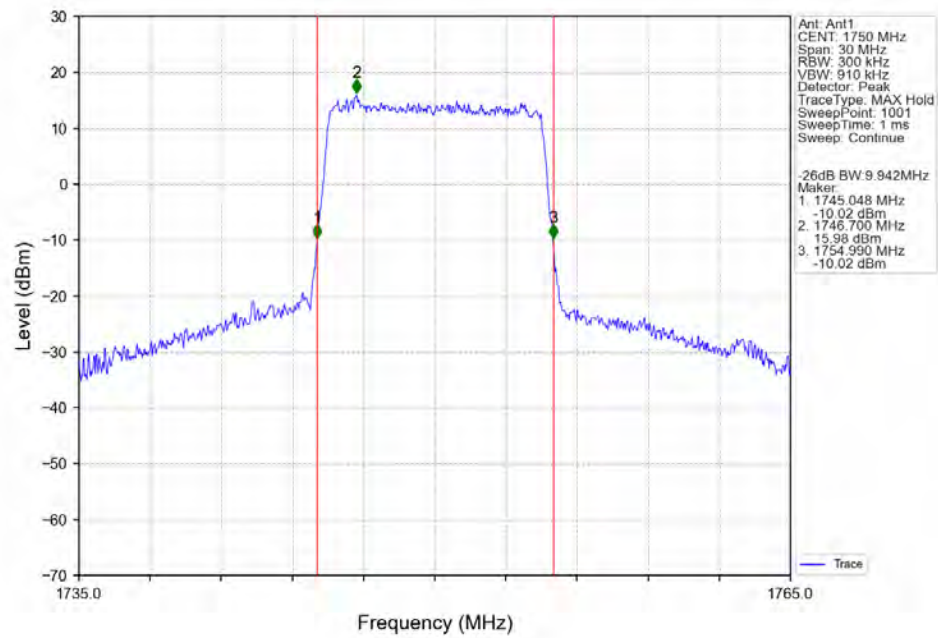
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



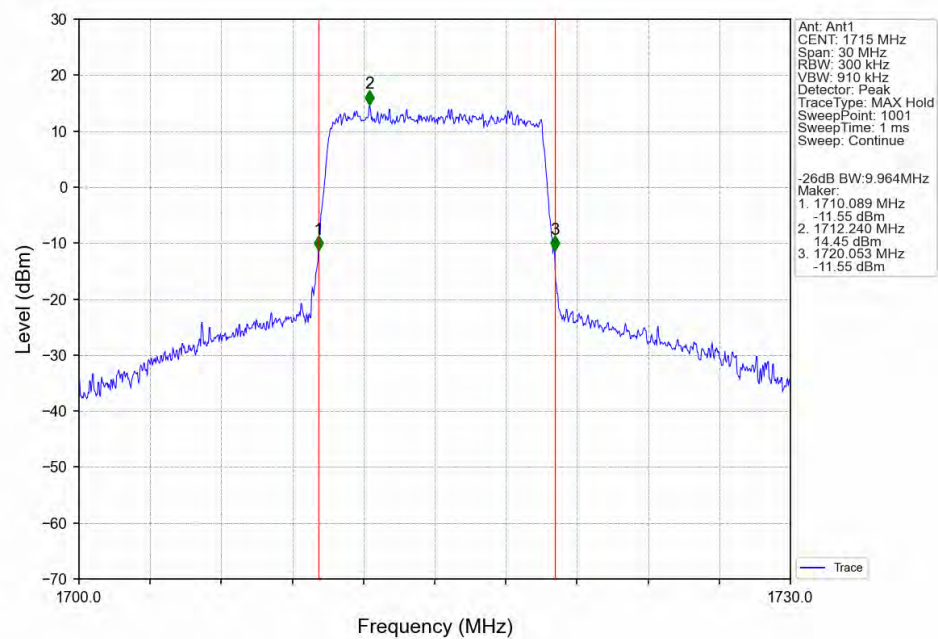
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



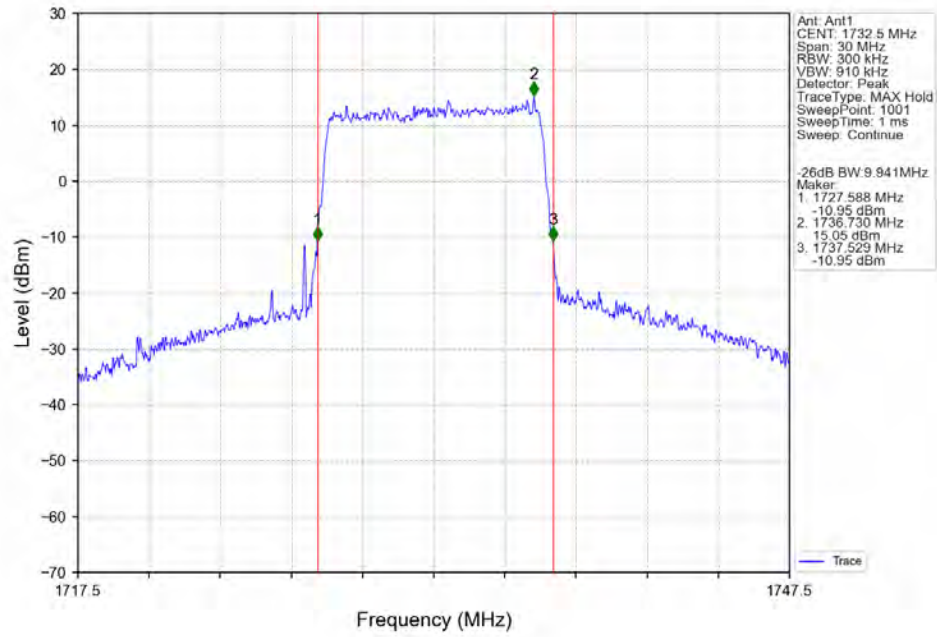
Band4 10MHz QPSK HCH 1750MHz RB 50_0 NTN



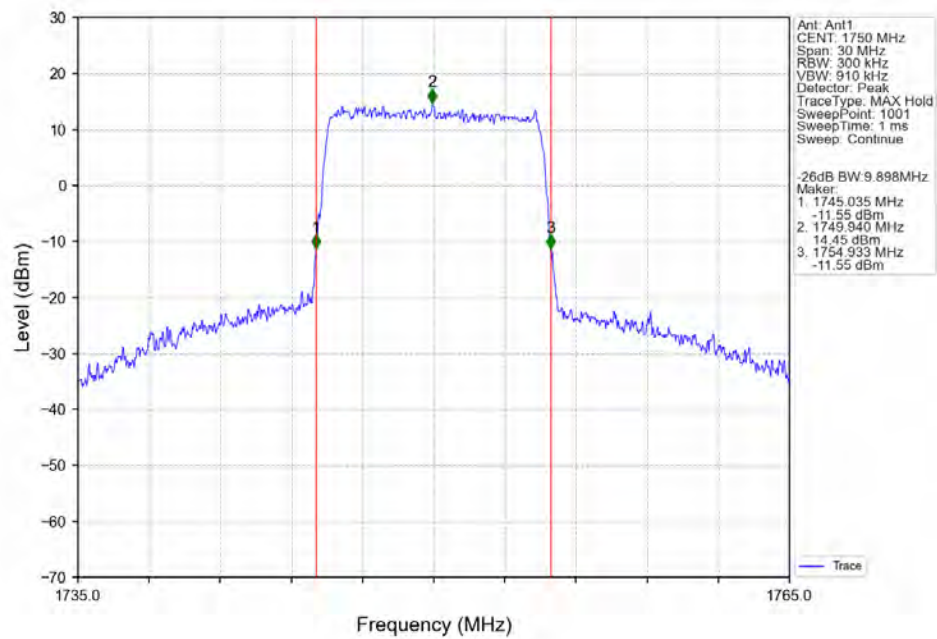
Band4 10MHz 16QAM LCH 1715MHz RB 50_0 NTN



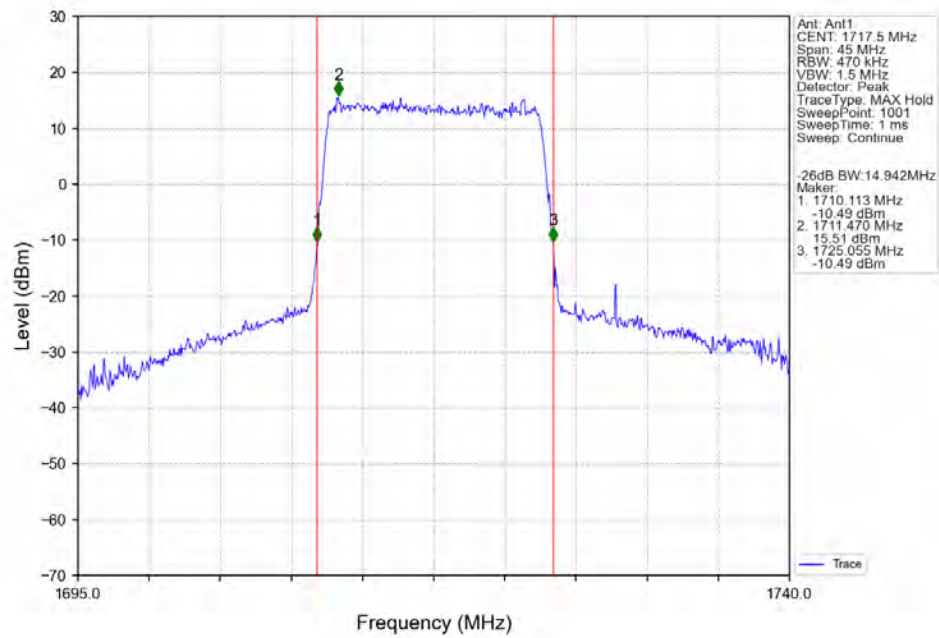
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



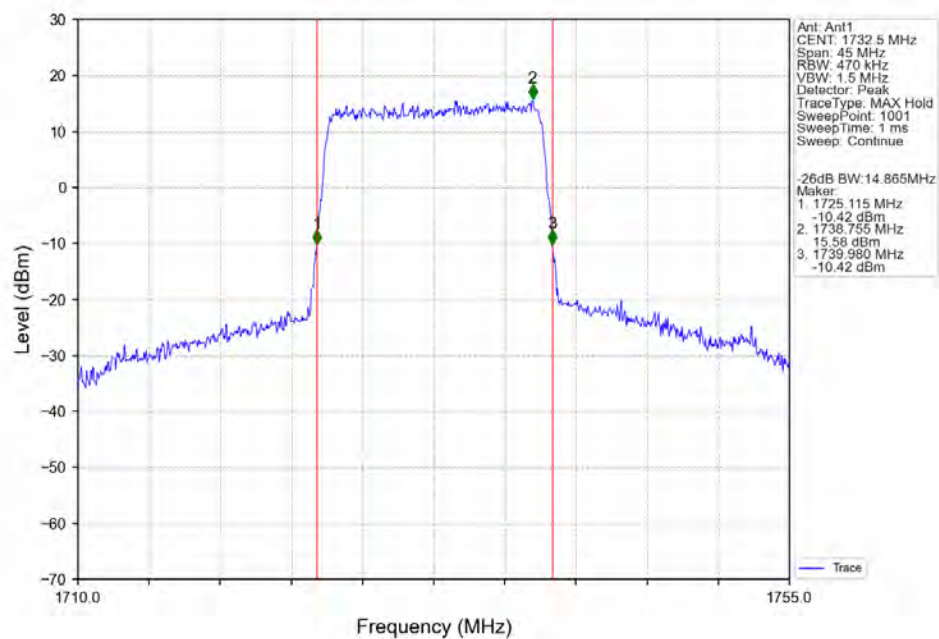
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0 NTN



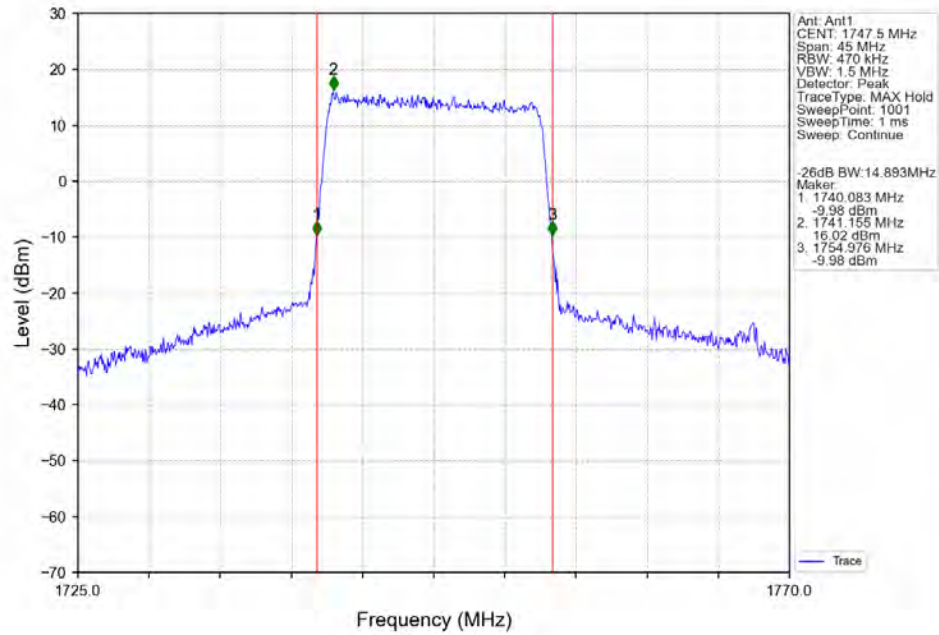
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



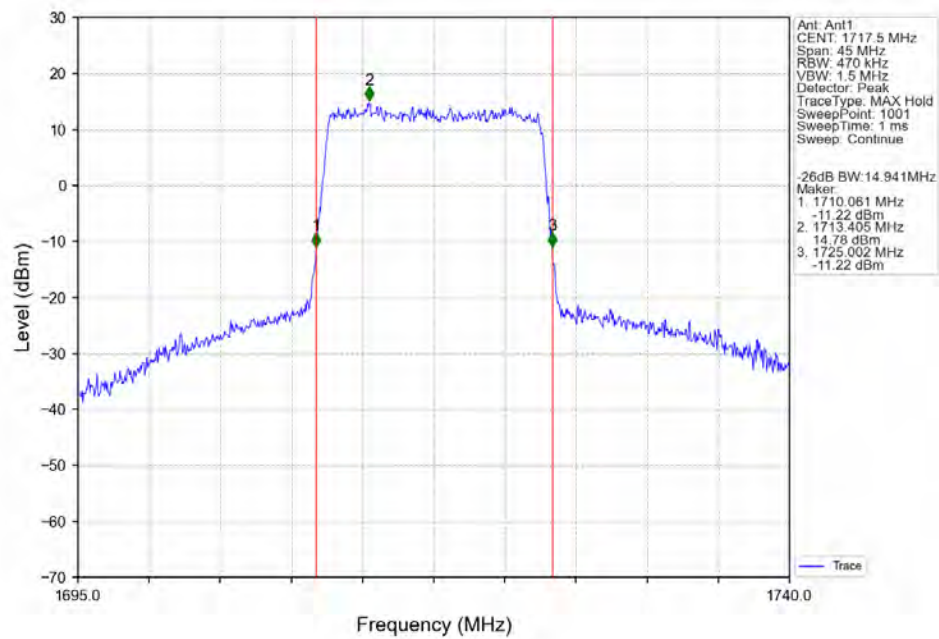
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



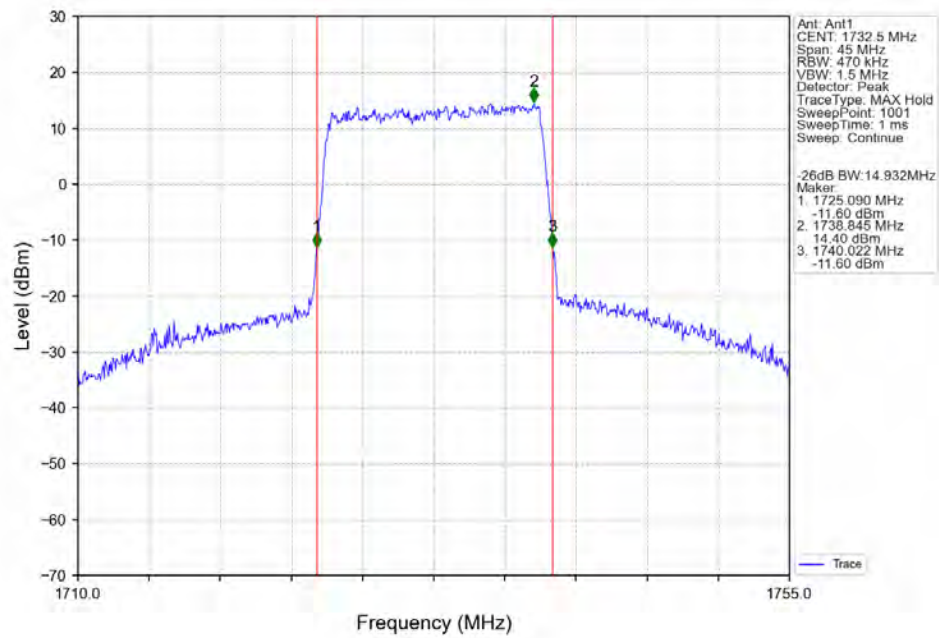
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



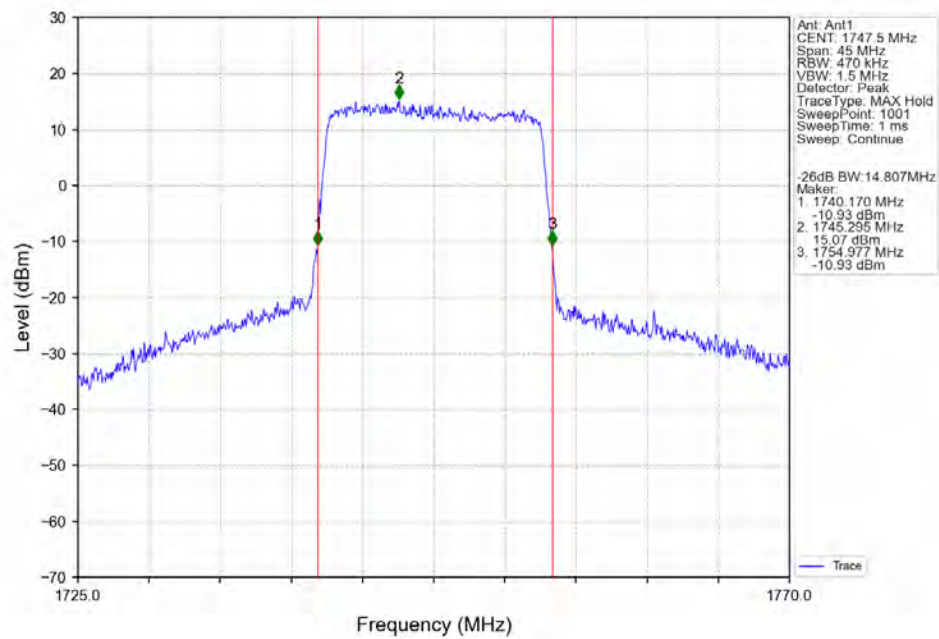
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



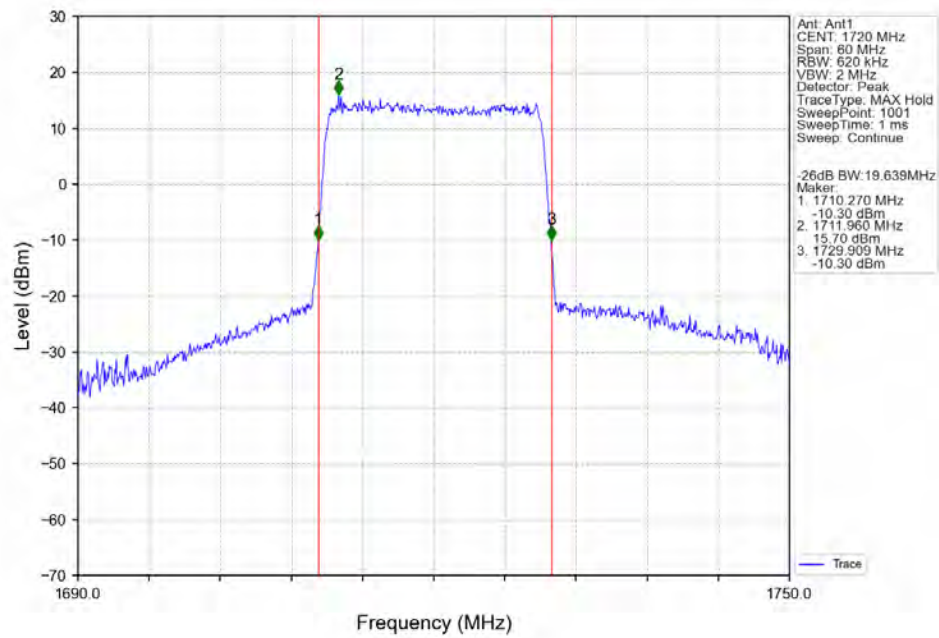
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN



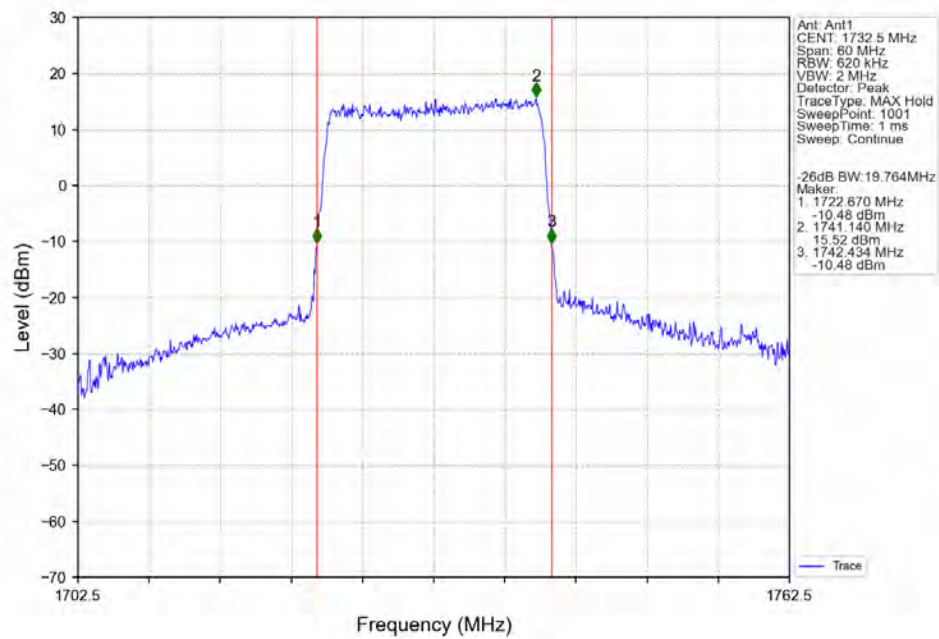
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN



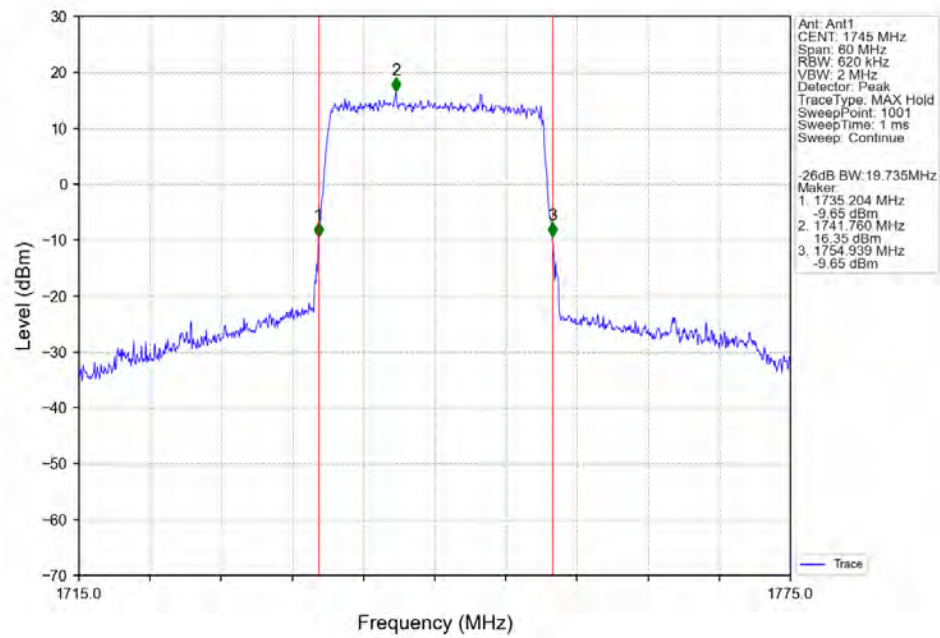
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



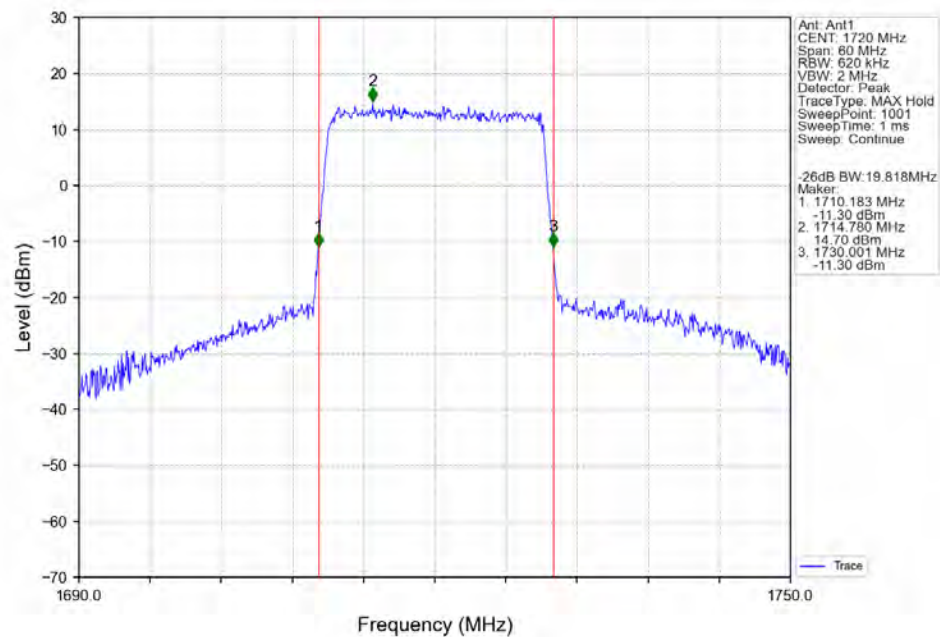
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



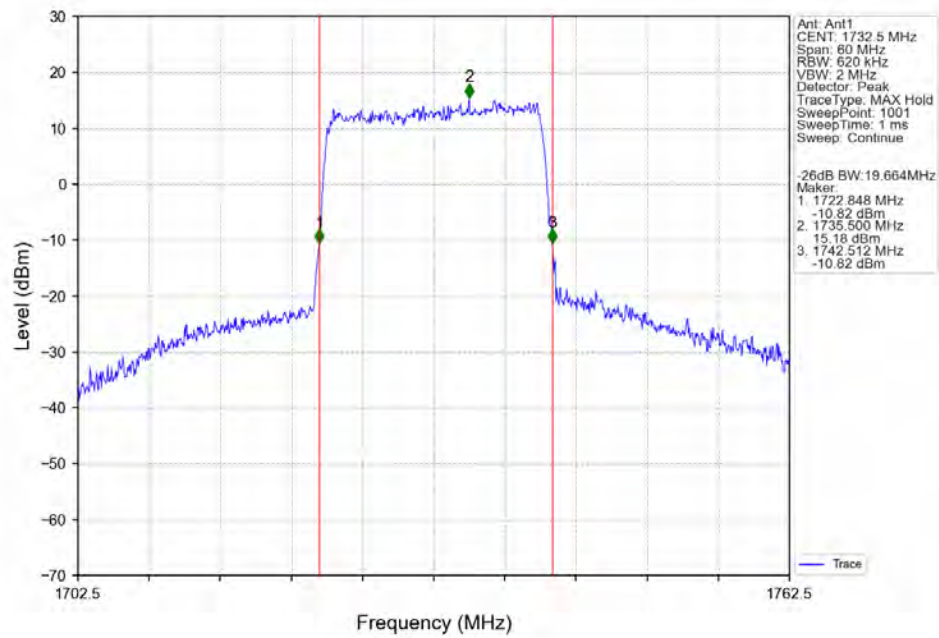
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



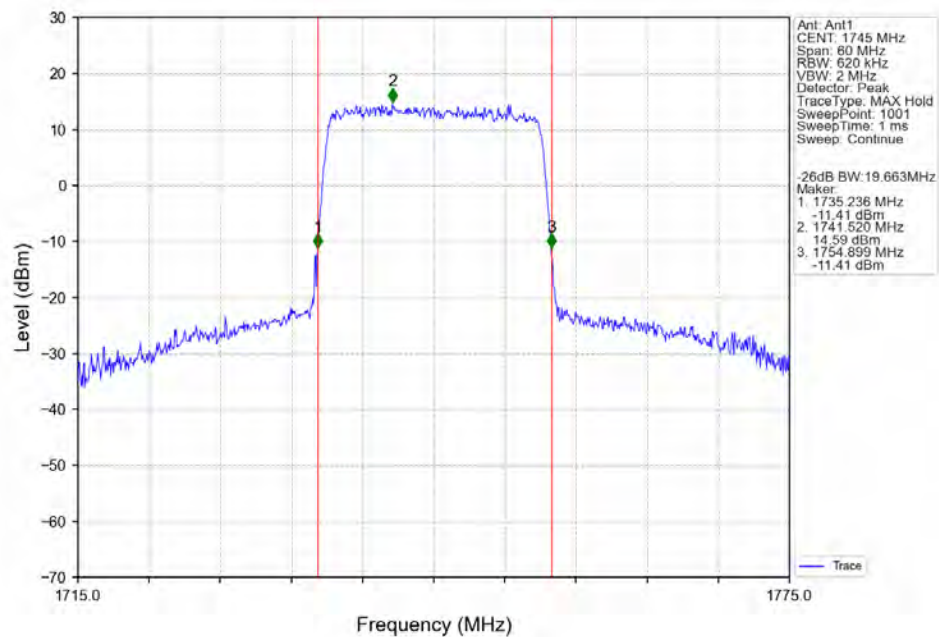
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	5.98	<=13	Pass
	1732.5	6	0	5.95	<=13	Pass
	1754.3	6	0	6.11	<=13	Pass
16QAM	1710.7	6	0	6.83	<=13	Pass
	1732.5	6	0	6.72	<=13	Pass
	1754.3	6	0	6.89	<=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	6.14	<=13	Pass
	1732.5	15	0	6.06	<=13	Pass
	1753.5	15	0	6.14	<=13	Pass
16QAM	1711.5	15	0	6.95	<=13	Pass
	1732.5	15	0	6.88	<=13	Pass
	1753.5	15	0	7.01	<=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	6.06	<=13	Pass
	1732.5	25	0	6.03	<=13	Pass
	1752.5	25	0	6.08	<=13	Pass
16QAM	1712.5	25	0	6.80	<=13	Pass
	1732.5	25	0	6.73	<=13	Pass
	1752.5	25	0	6.86	<=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	5.97	<=13	Pass
	1732.5	50	0	5.94	<=13	Pass
	1750	50	0	6.03	<=13	Pass
16QAM	1715	50	0	6.75	<=13	Pass
	1732.5	50	0	6.77	<=13	Pass
	1750	50	0	6.83	<=13	Pass

5.1.5 B4_15MHz

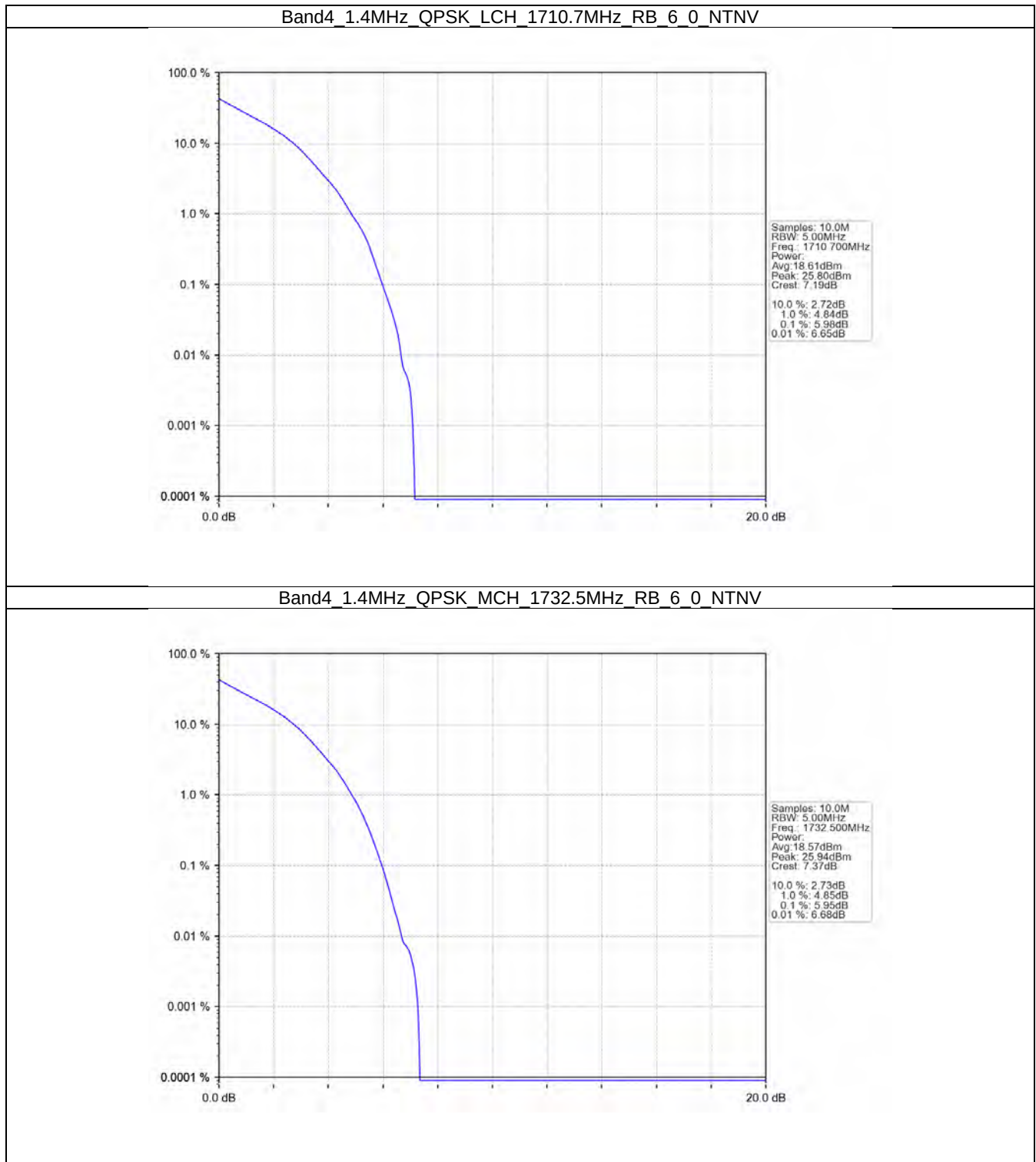
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.35	≤ 13	Pass
	1732.5	75	0	5.41	≤ 13	Pass
	1747.5	75	0	5.33	≤ 13	Pass
16QAM	1717.5	75	0	6.49	≤ 13	Pass
	1732.5	75	0	6.44	≤ 13	Pass
	1747.5	75	0	6.45	≤ 13	Pass

5.1.6 B4_20MHz

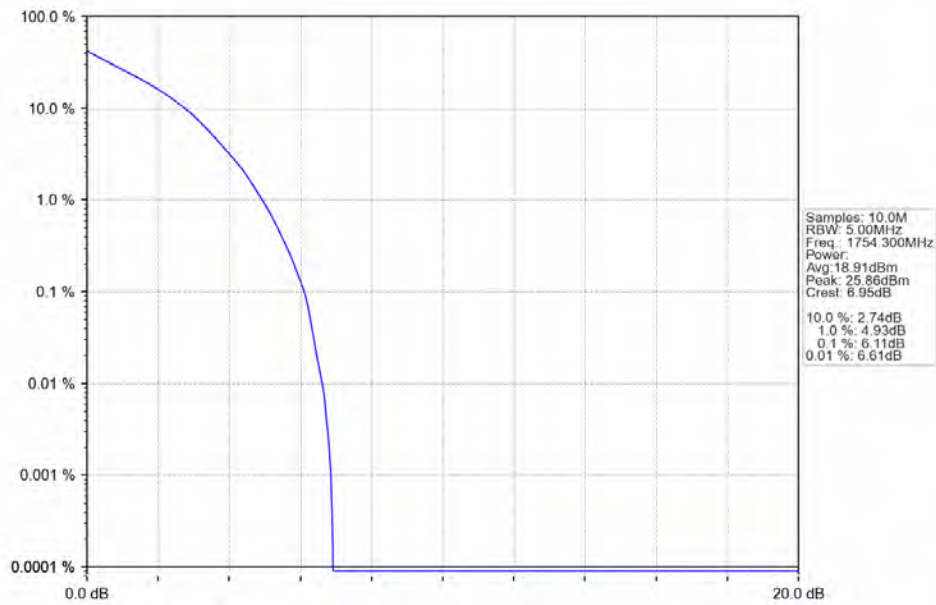
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.67	≤ 13	Pass
	1732.5	100	0	5.63	≤ 13	Pass
	1745	100	0	5.61	≤ 13	Pass
16QAM	1720	100	0	6.69	≤ 13	Pass
	1732.5	100	0	6.73	≤ 13	Pass
	1745	100	0	6.67	≤ 13	Pass

5.2 Test Graph

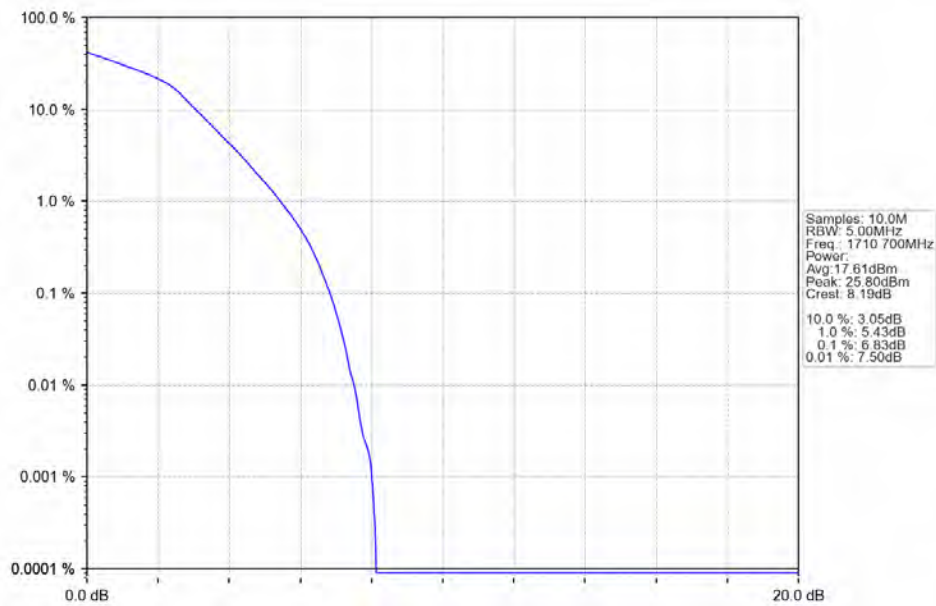
5.2.1 B4_1.4MHz



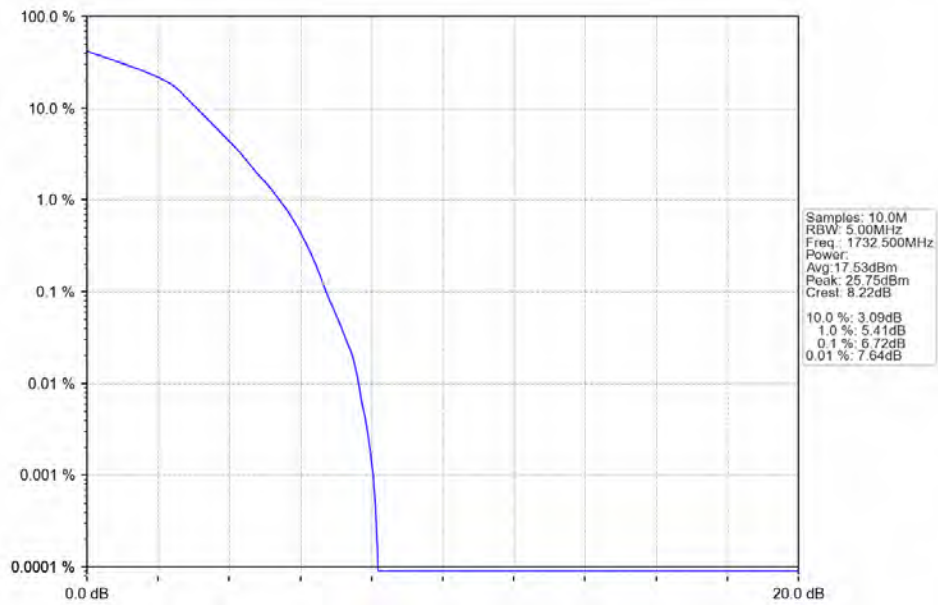
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



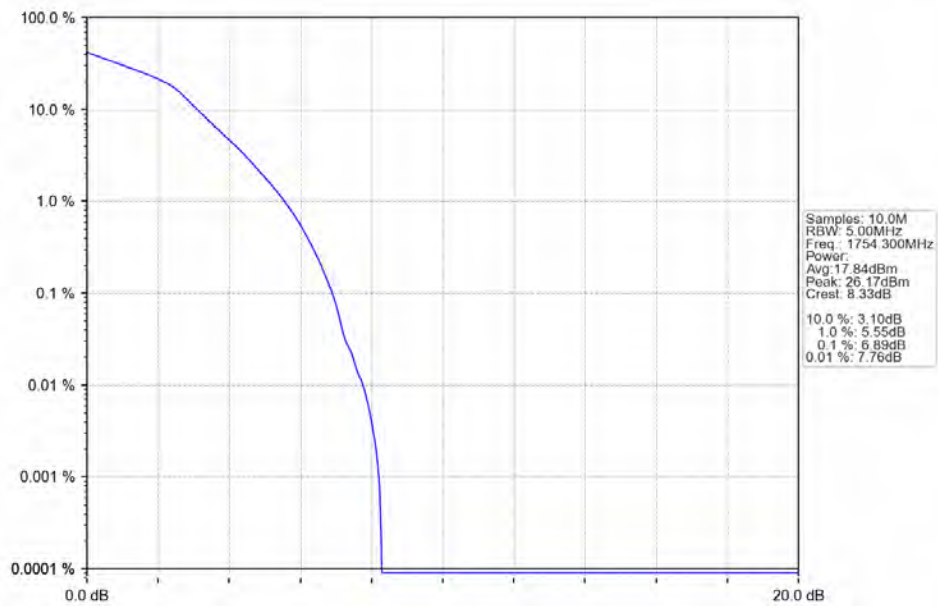
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV

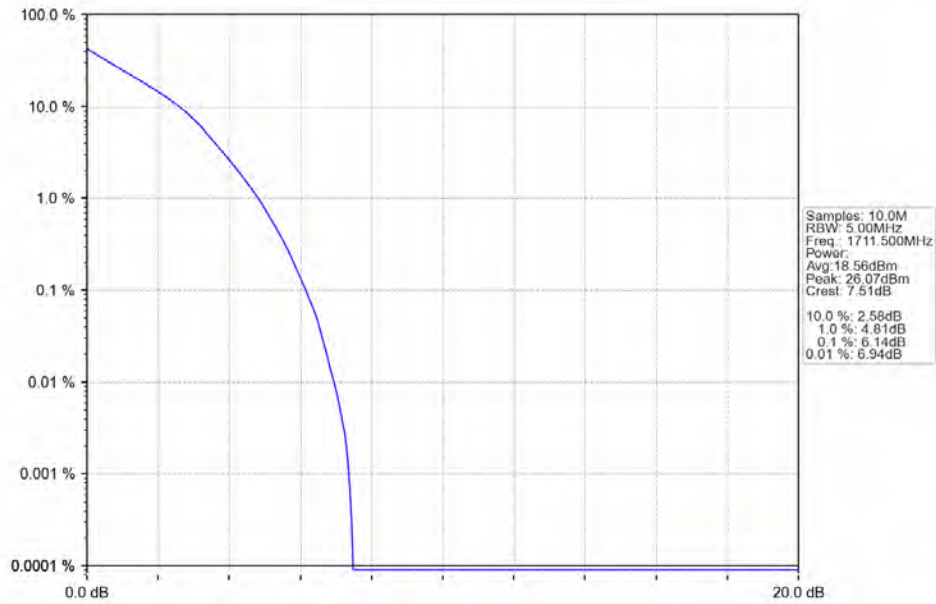


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

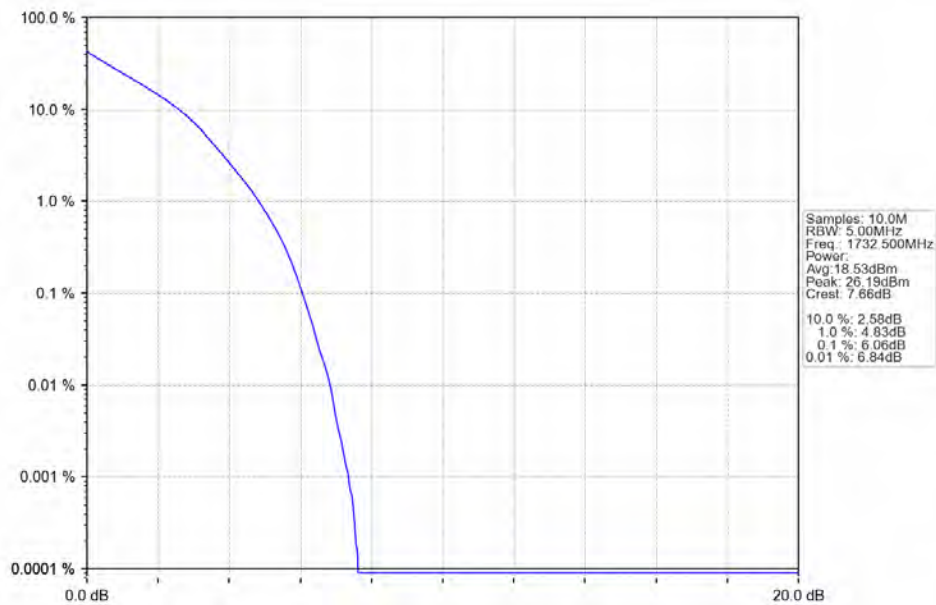


5.2.2 B4_3MHz

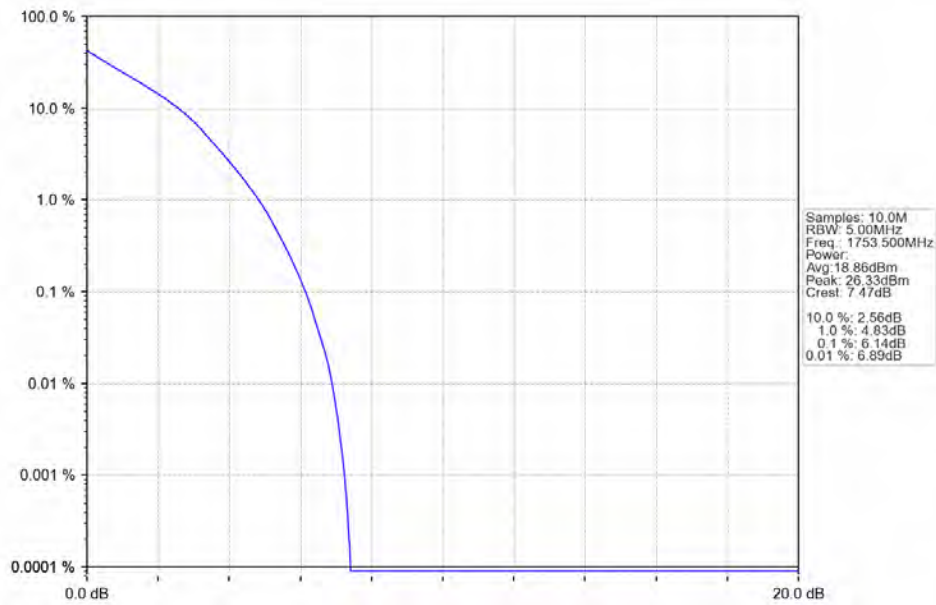
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



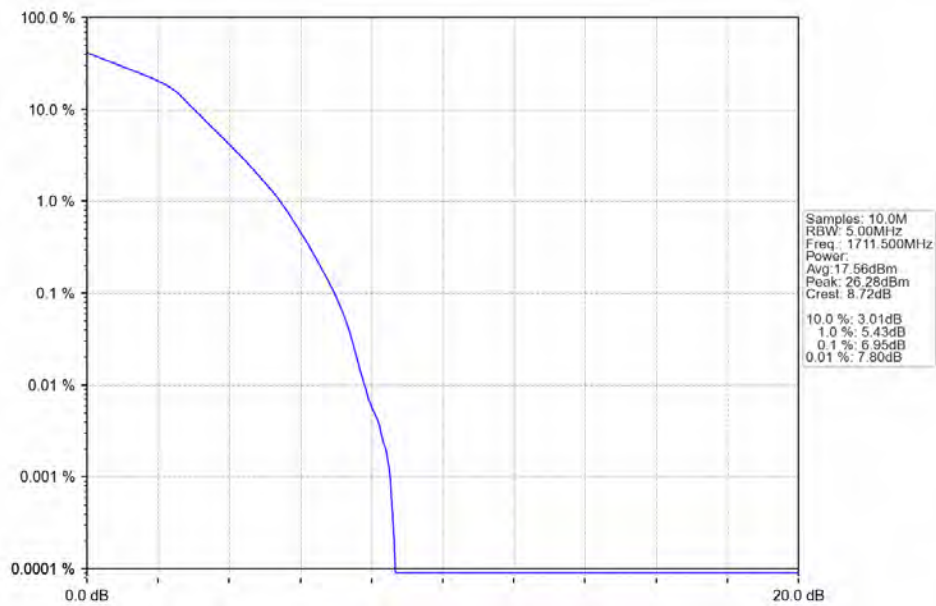
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



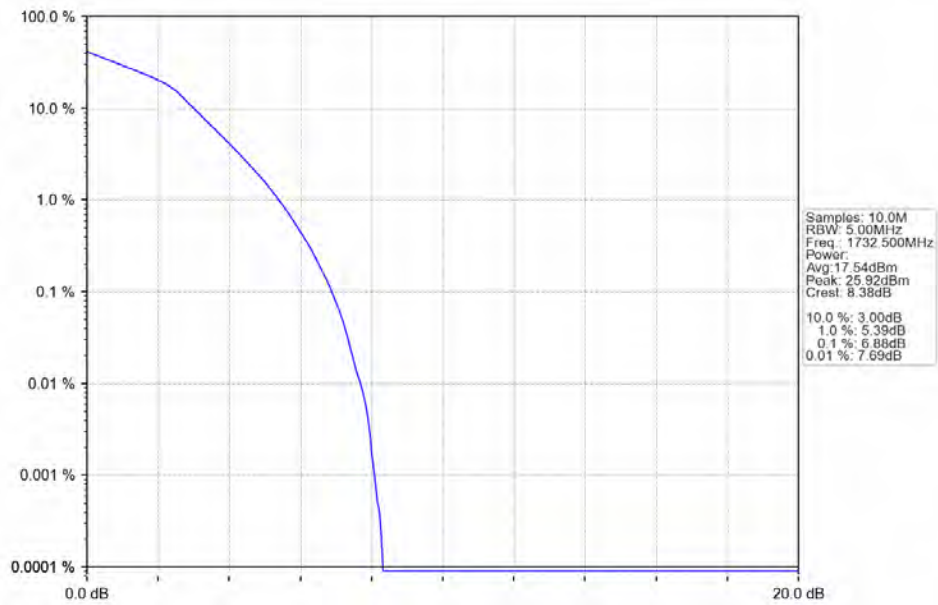
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



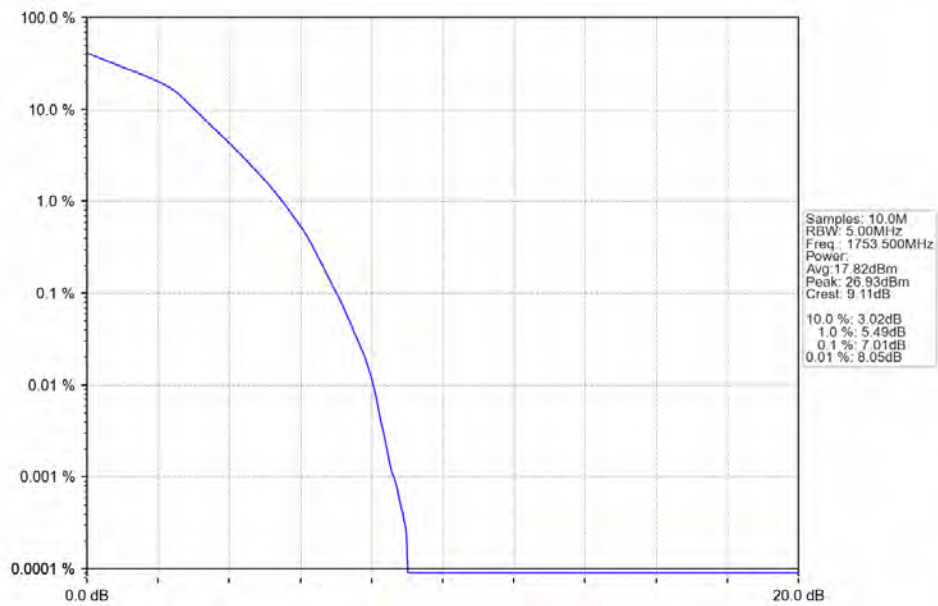
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

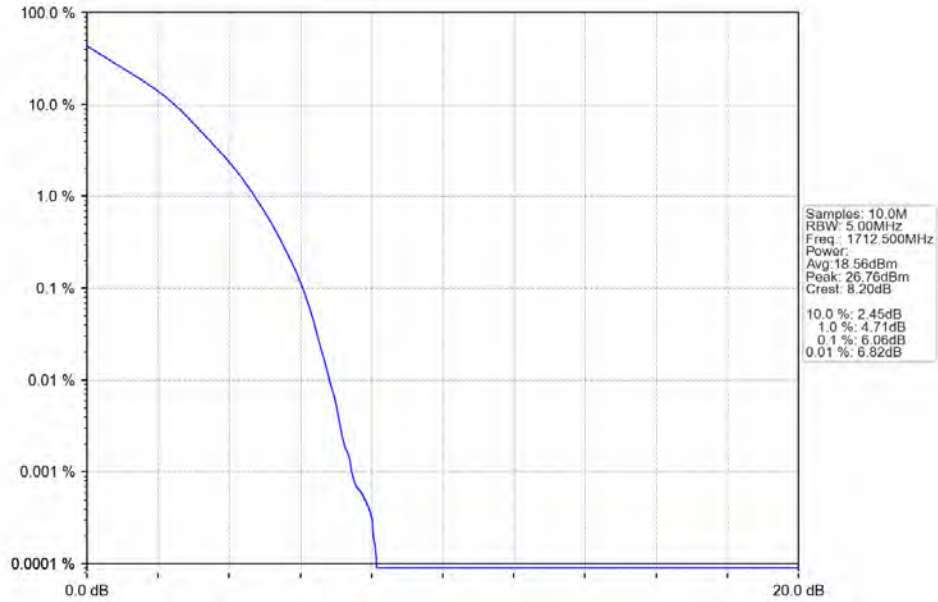


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

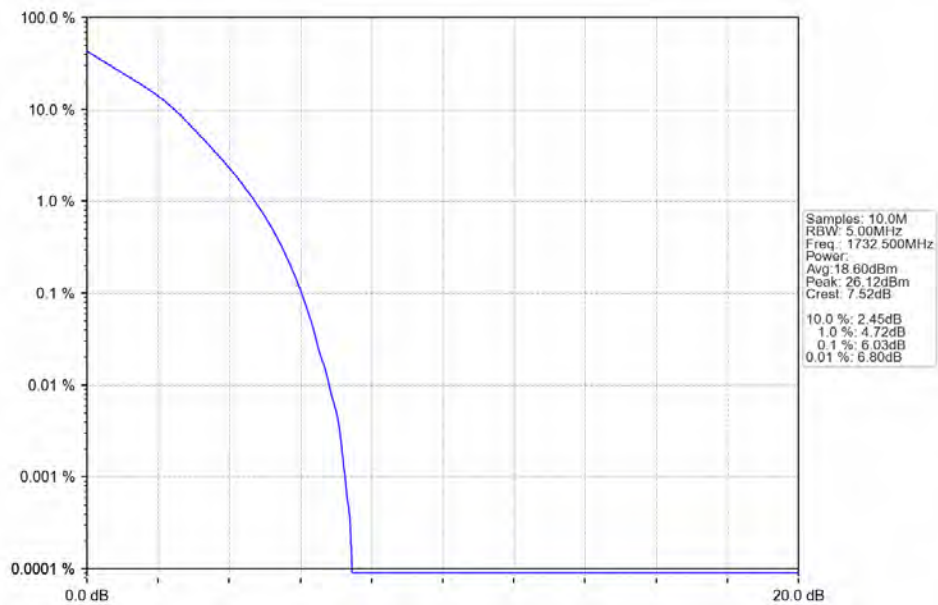


5.2.3 B4_5MHz

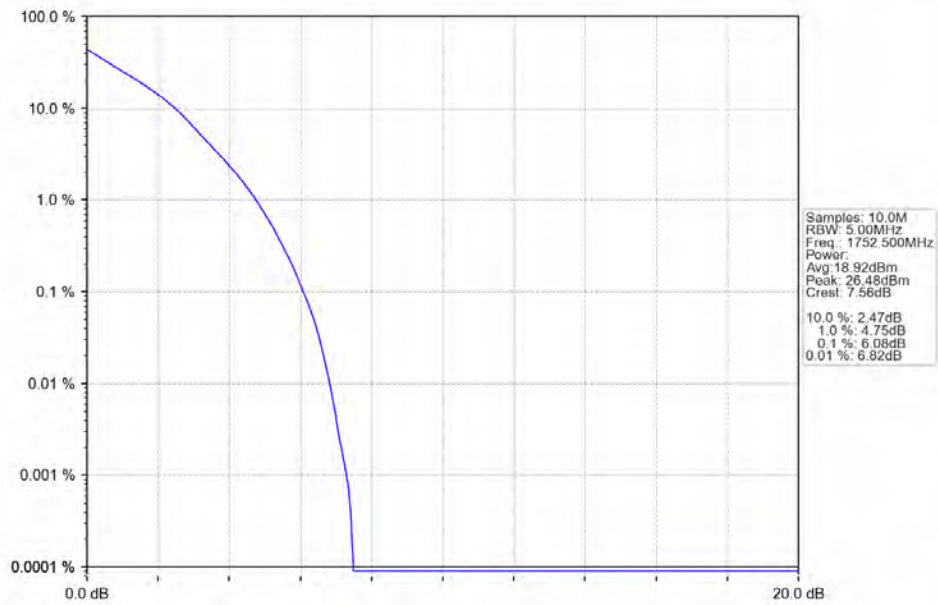
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



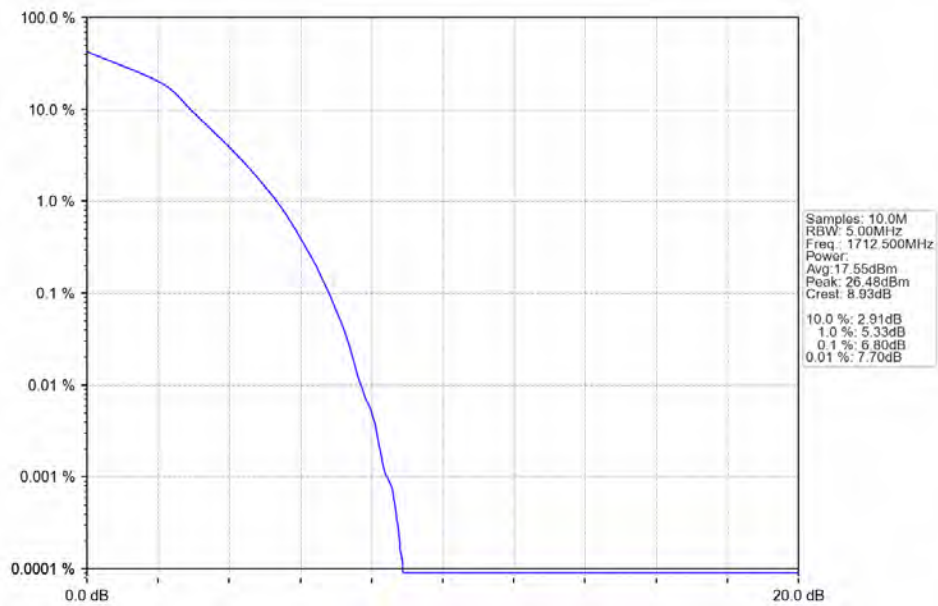
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



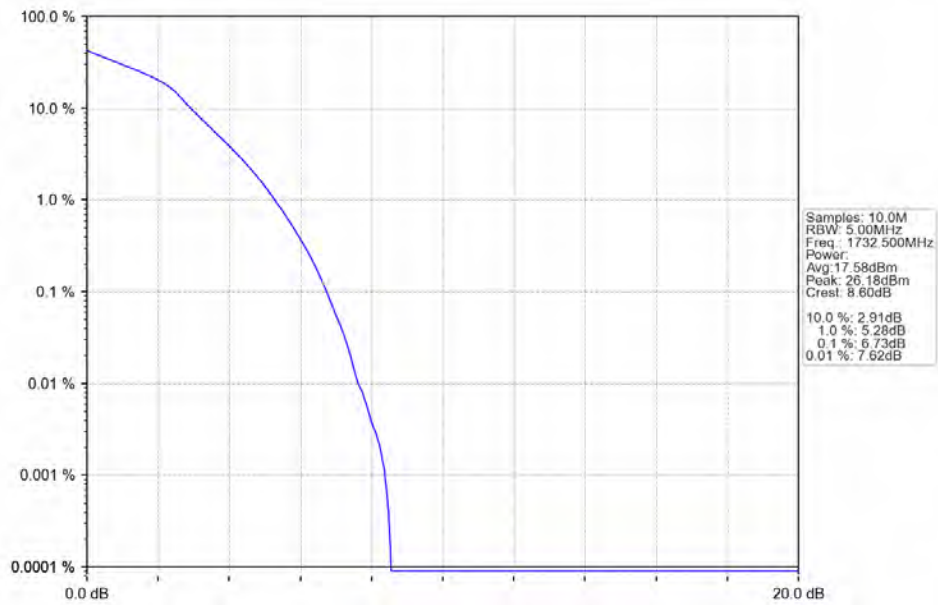
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



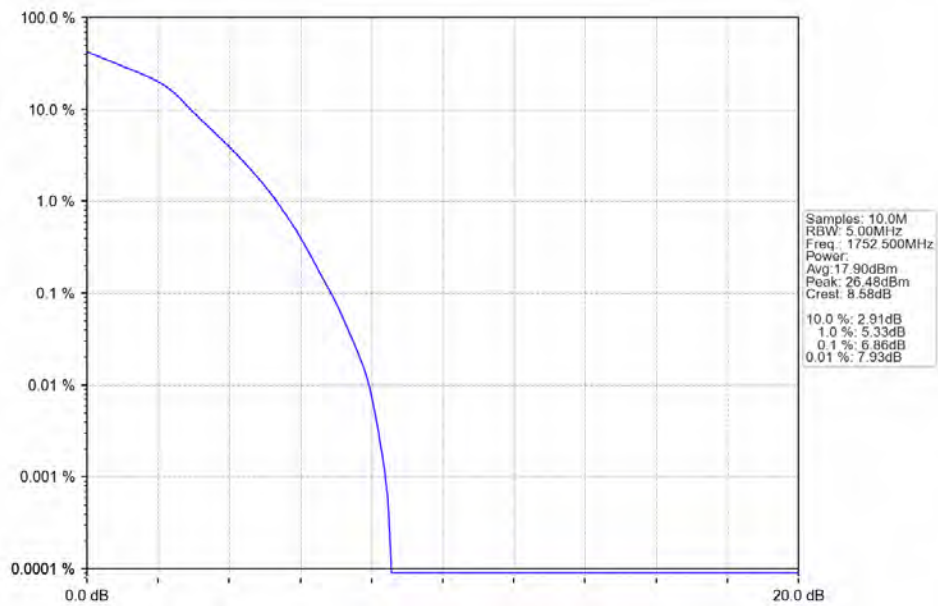
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

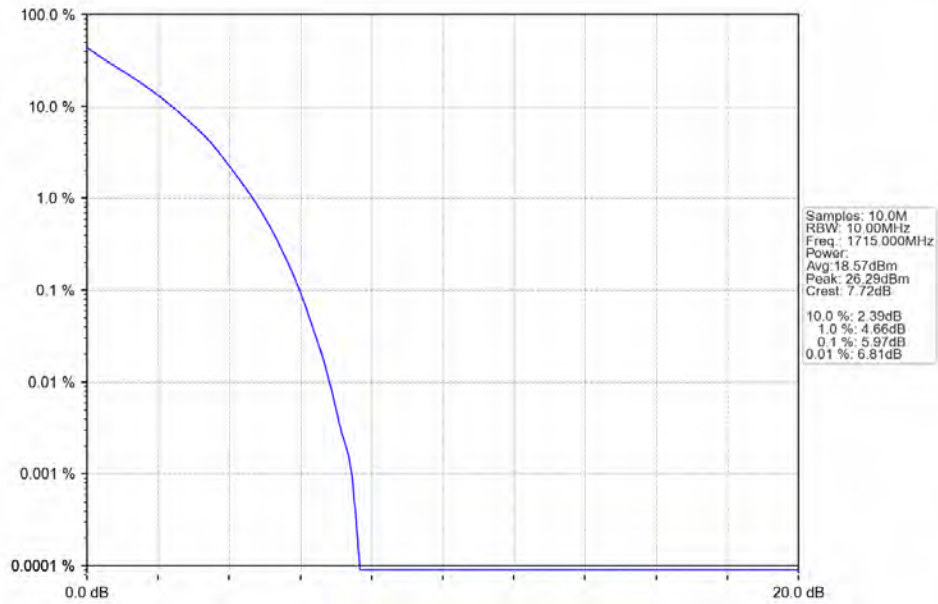


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

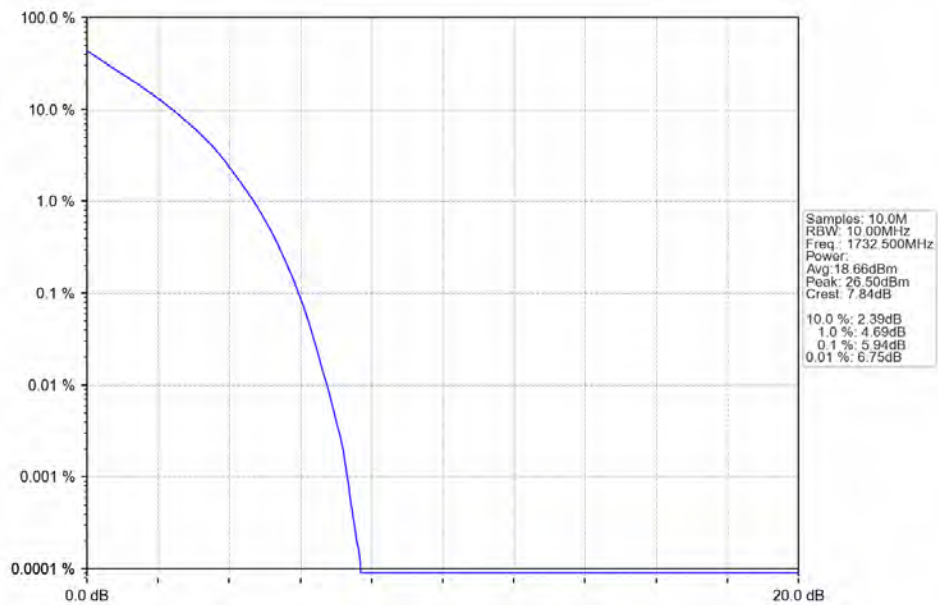


5.2.4 B4_10MHz

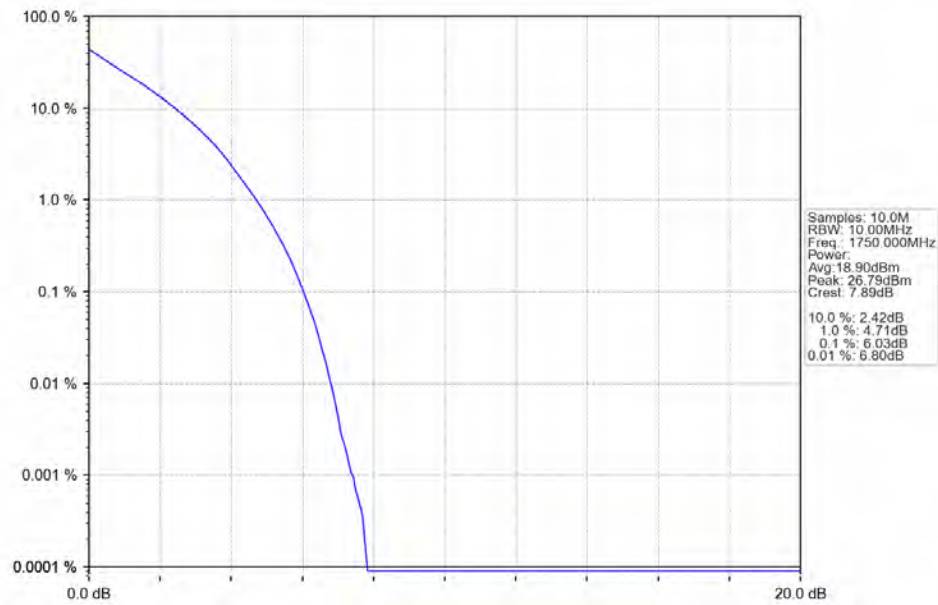
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



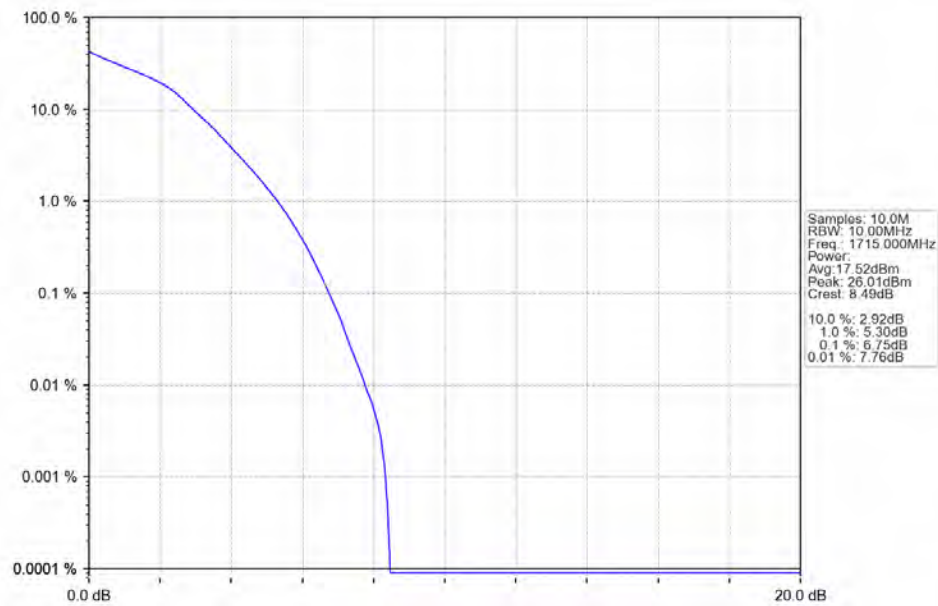
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



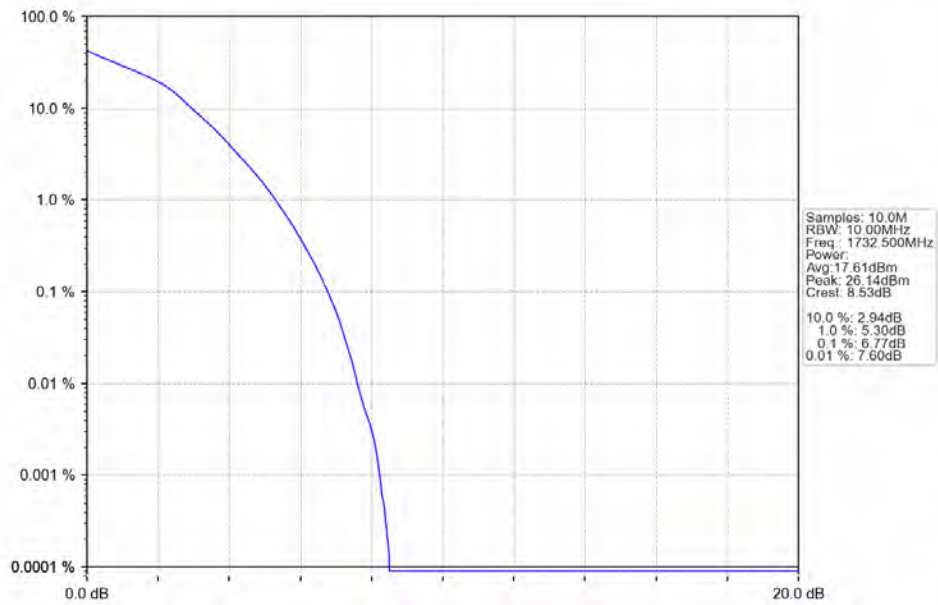
Band4 10MHz QPSK HCH 1750MHz RB 50_0 NTNV



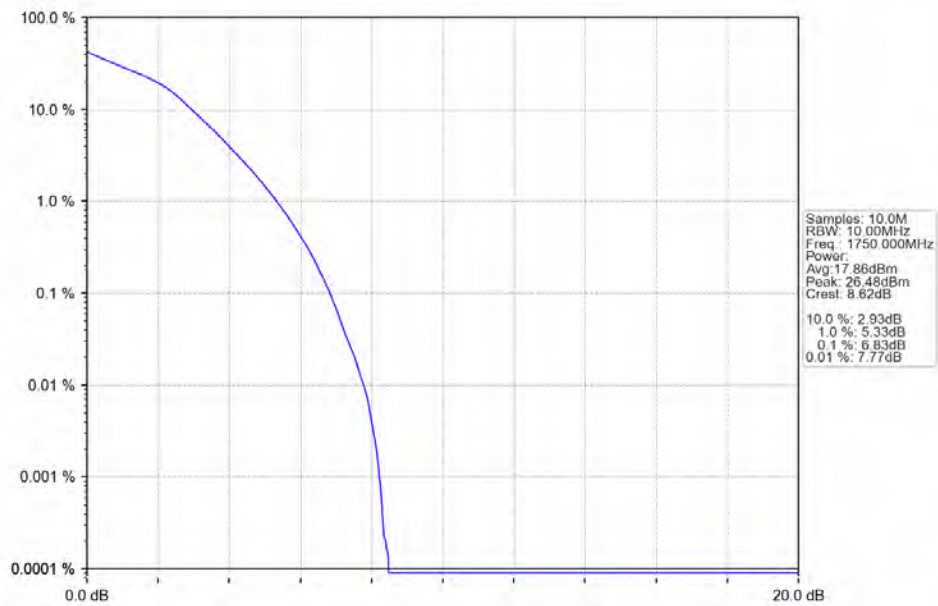
Band4 10MHz 16QAM LCH 1715MHz RB 50_0 NTNV



Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN

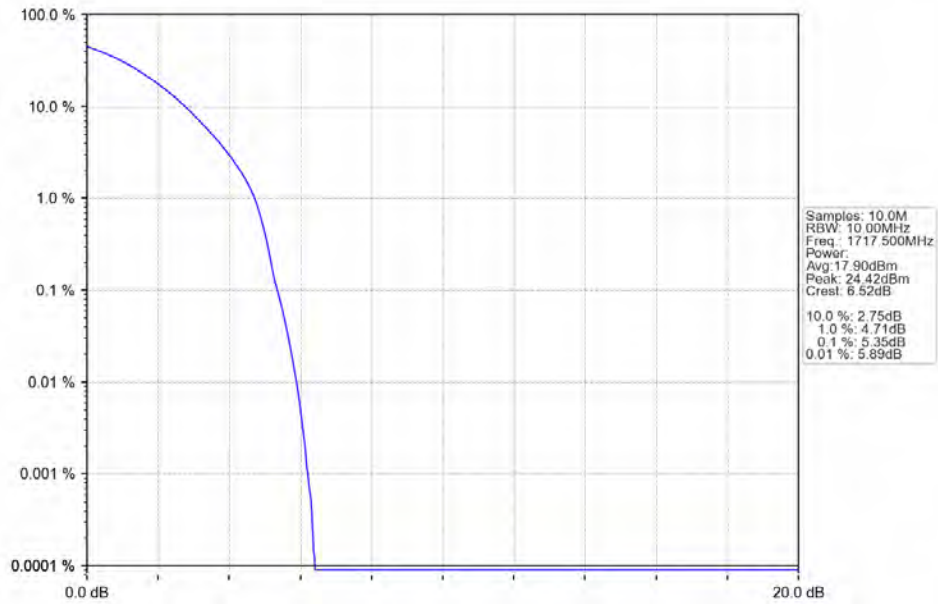


Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN

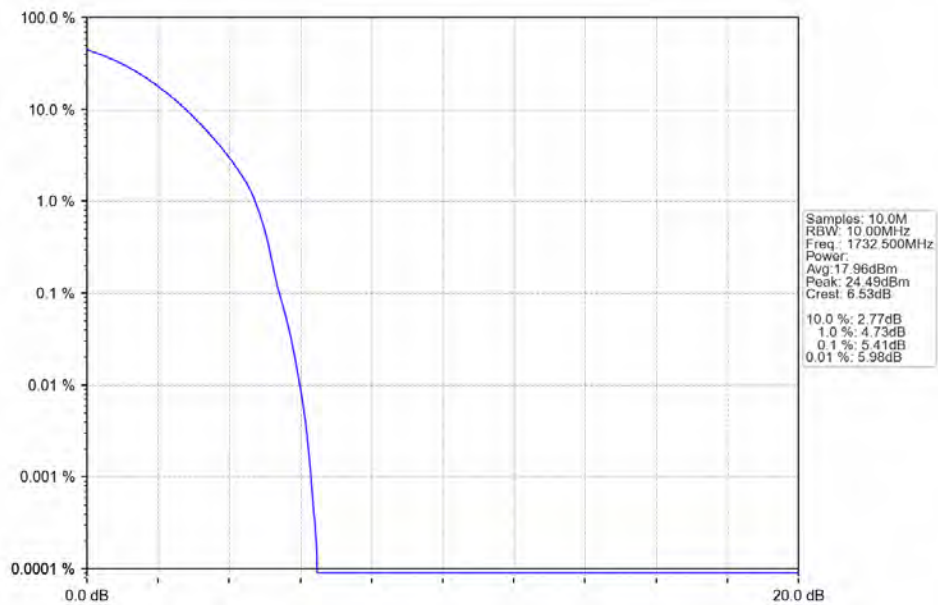


5.2.5 B4_15MHz

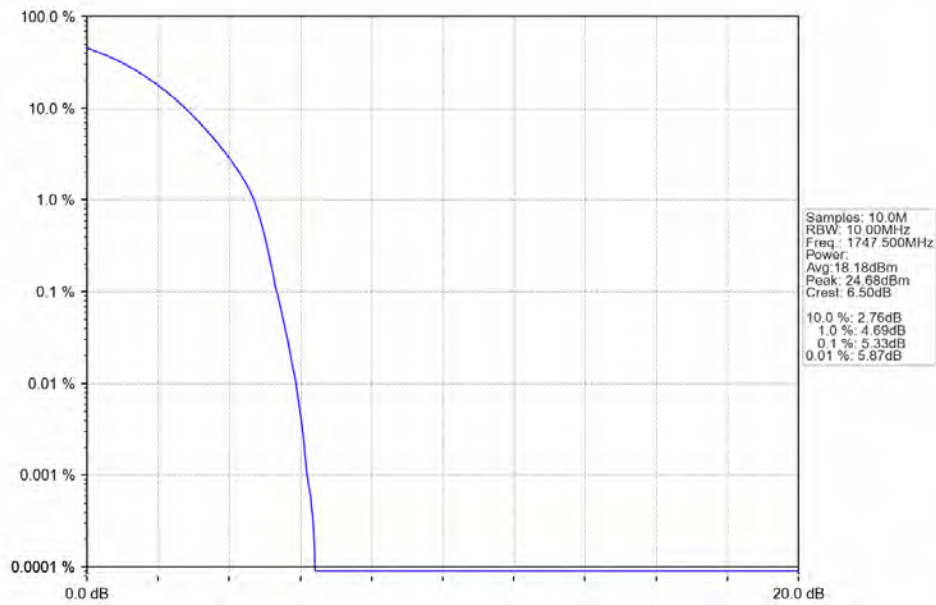
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



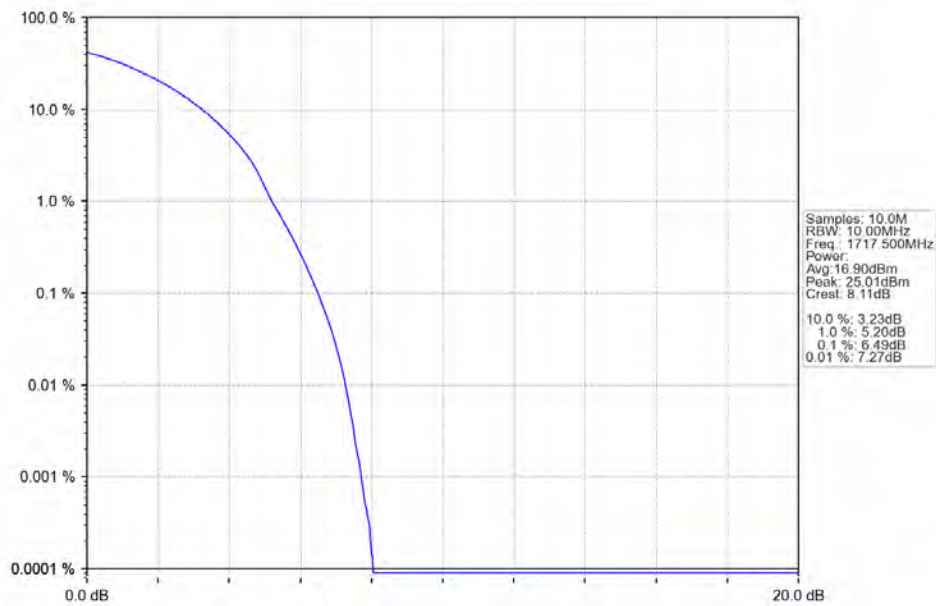
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



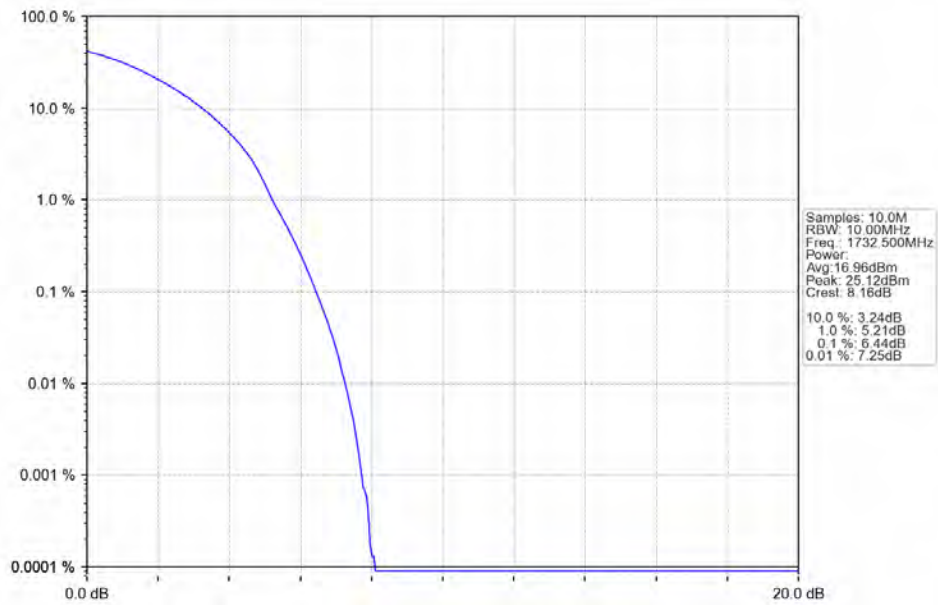
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



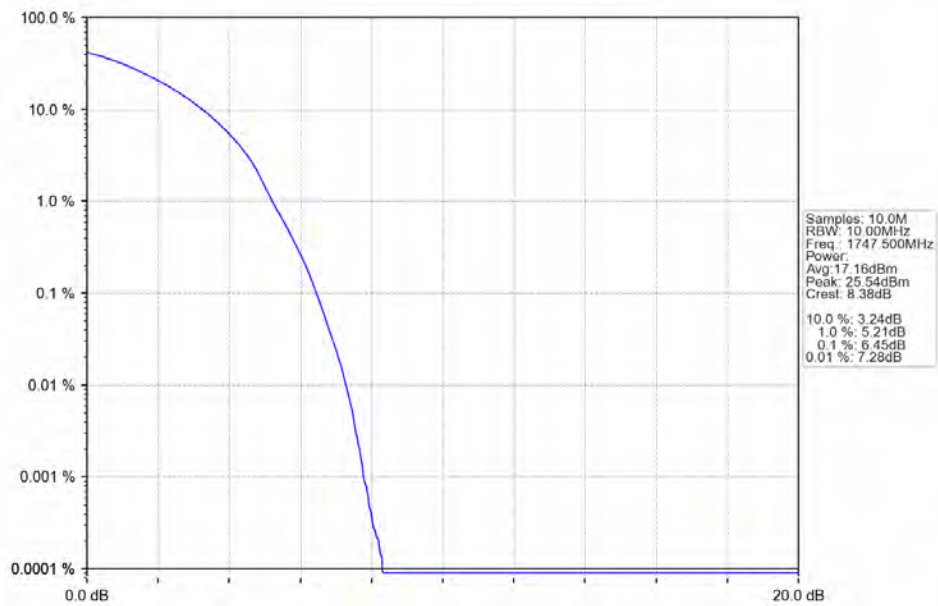
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN

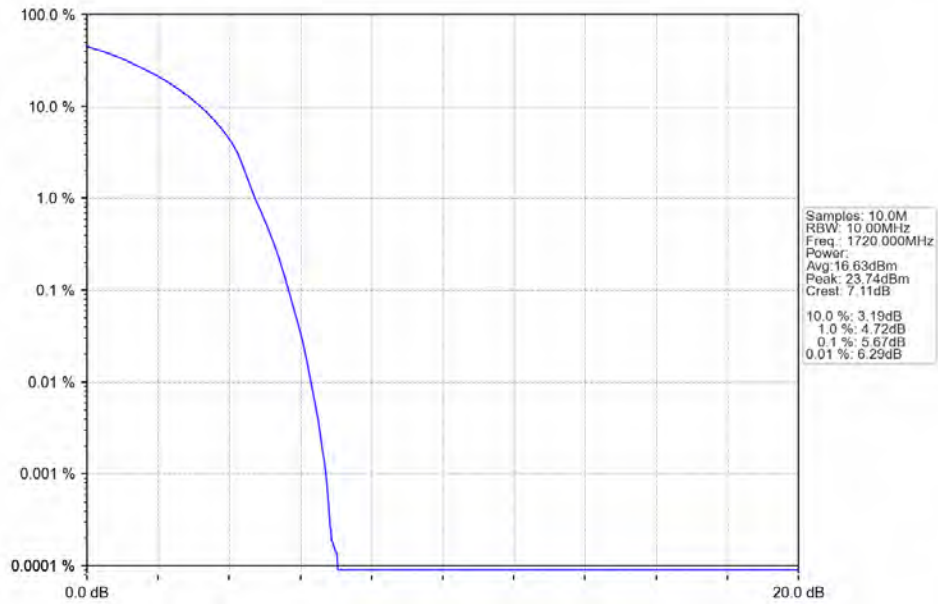


Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN

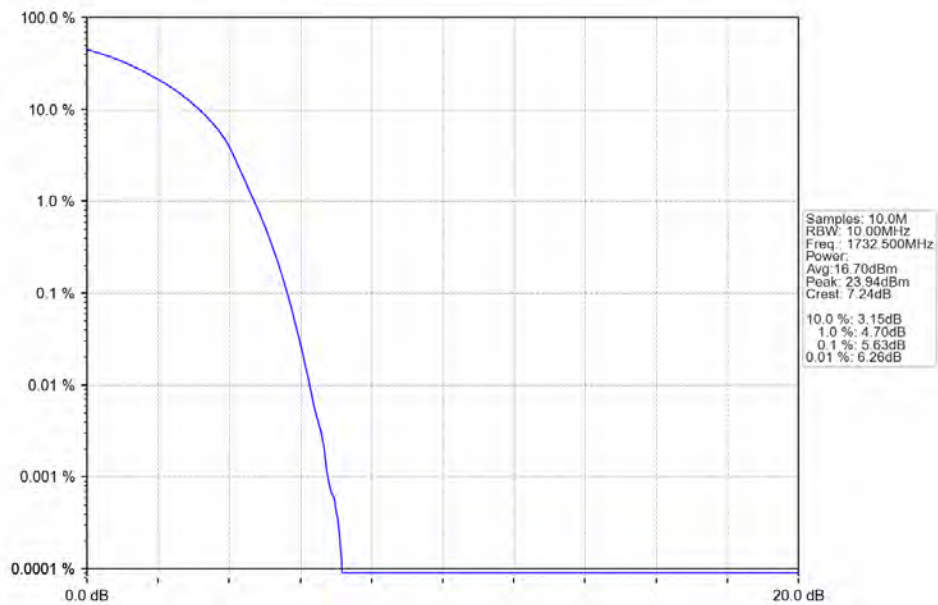


5.2.6 B4_20MHz

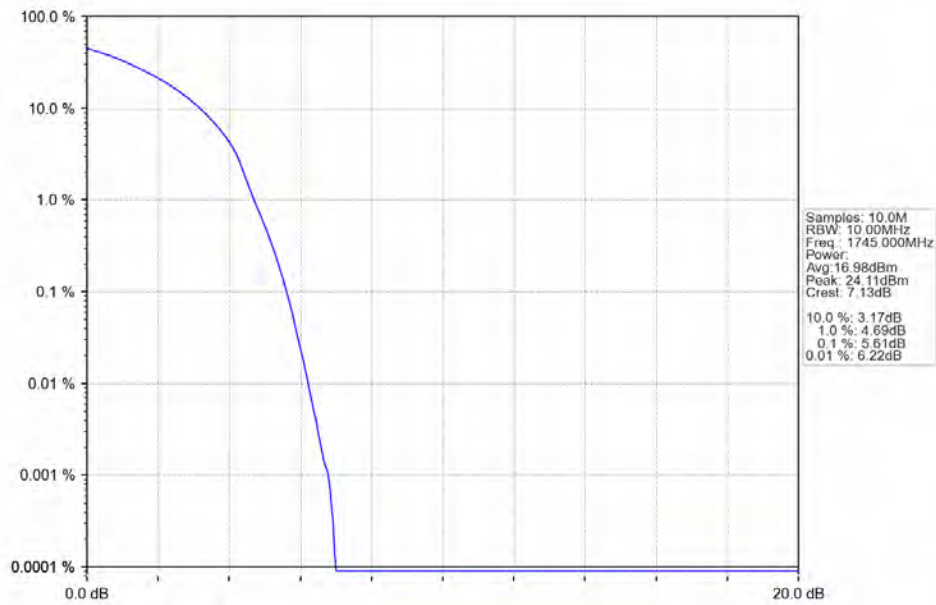
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



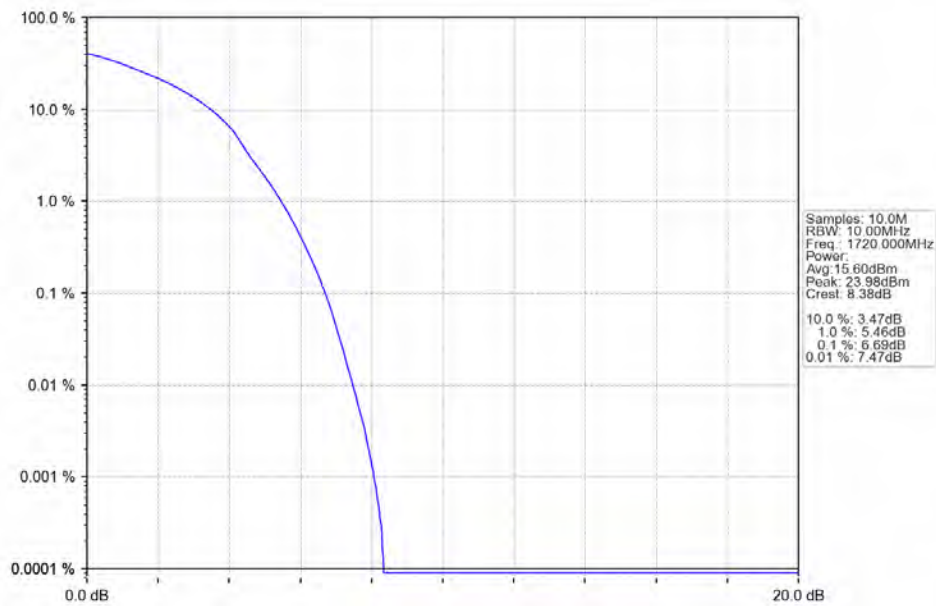
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



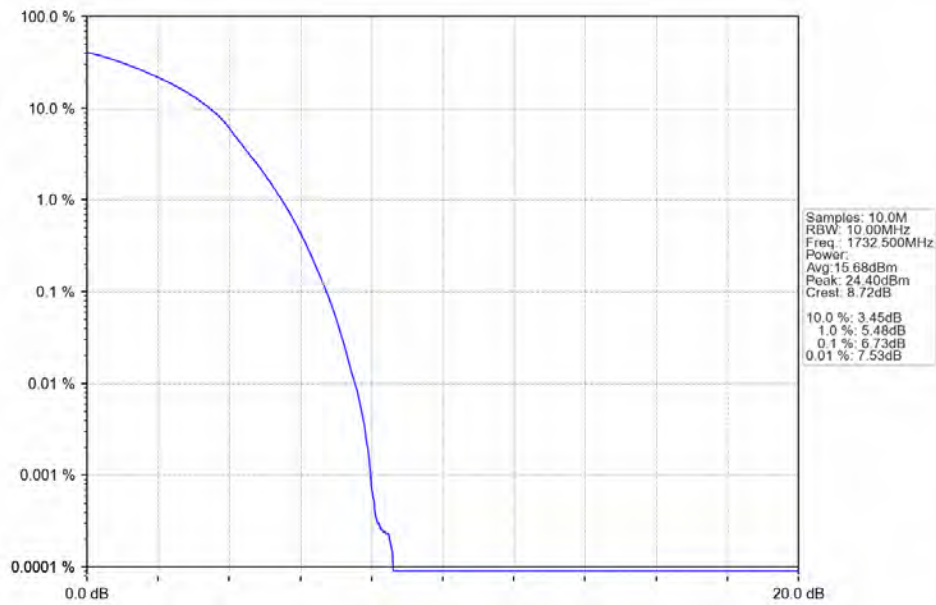
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



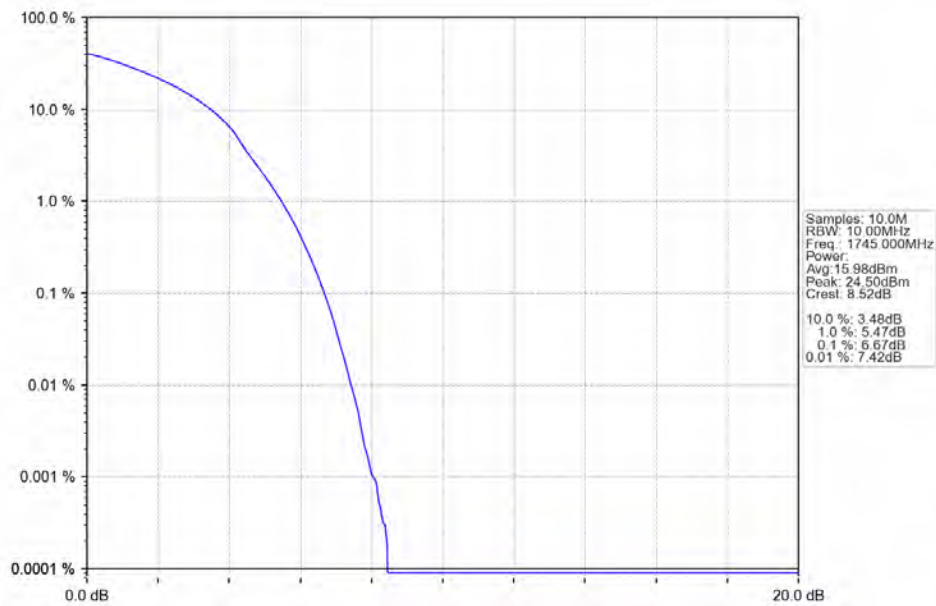
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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 / NTVN						
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 / NTV						
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	
	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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTVN						
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 / NTV						
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	
	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	
	99			Refer To Test Graph		Pass

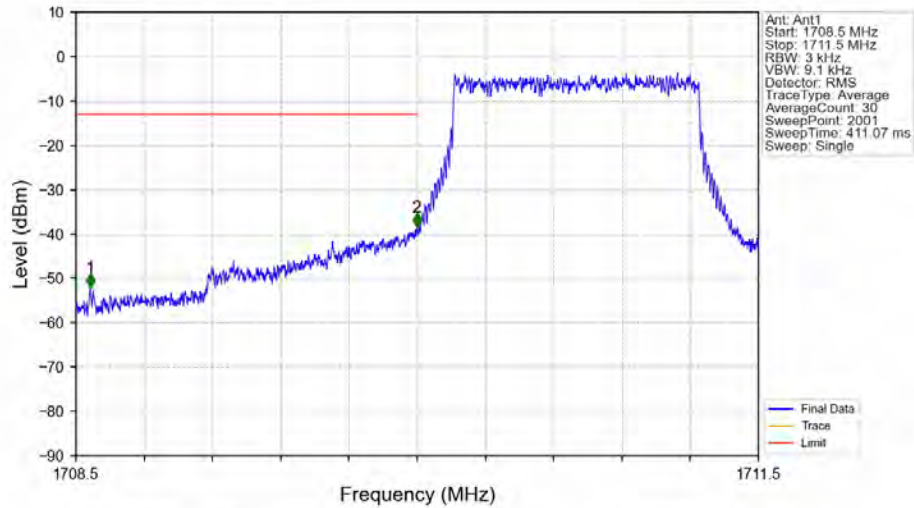


		100	0	Refer To Test Graph	Pass
--	--	-----	---	---------------------	------

6.2 Test Graph

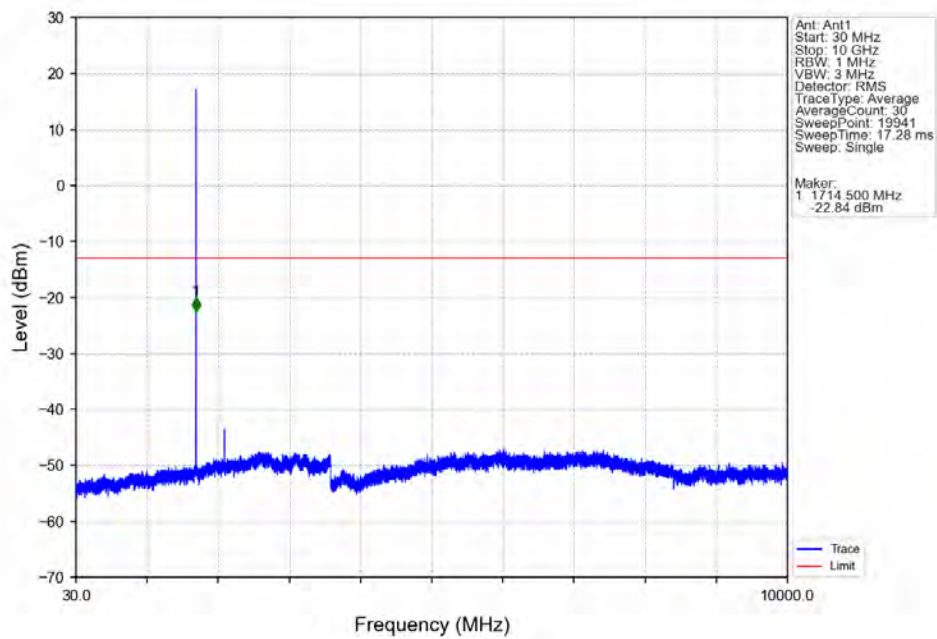
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

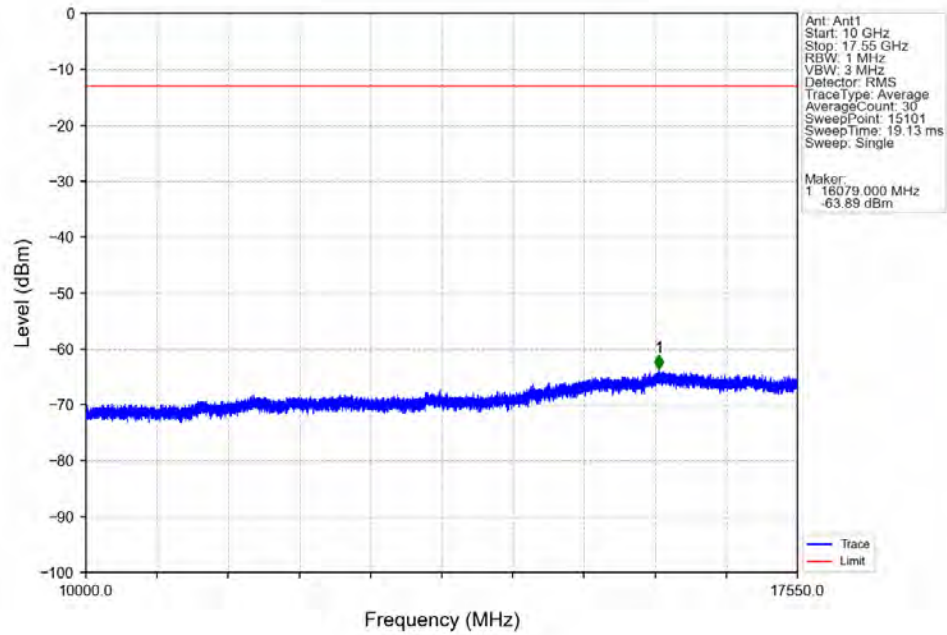


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.563	-52.00	-13	Pass
1709	1710	0.003	/	2	1709.998	-38.46	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

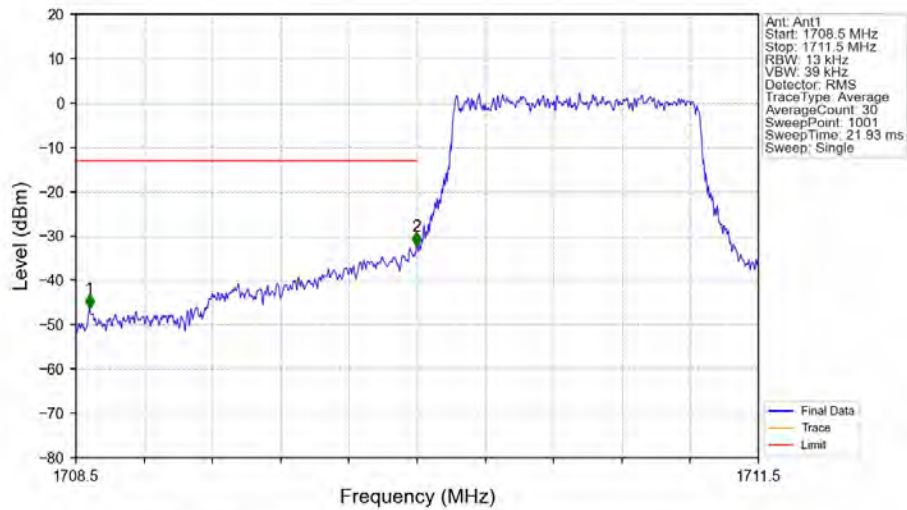
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

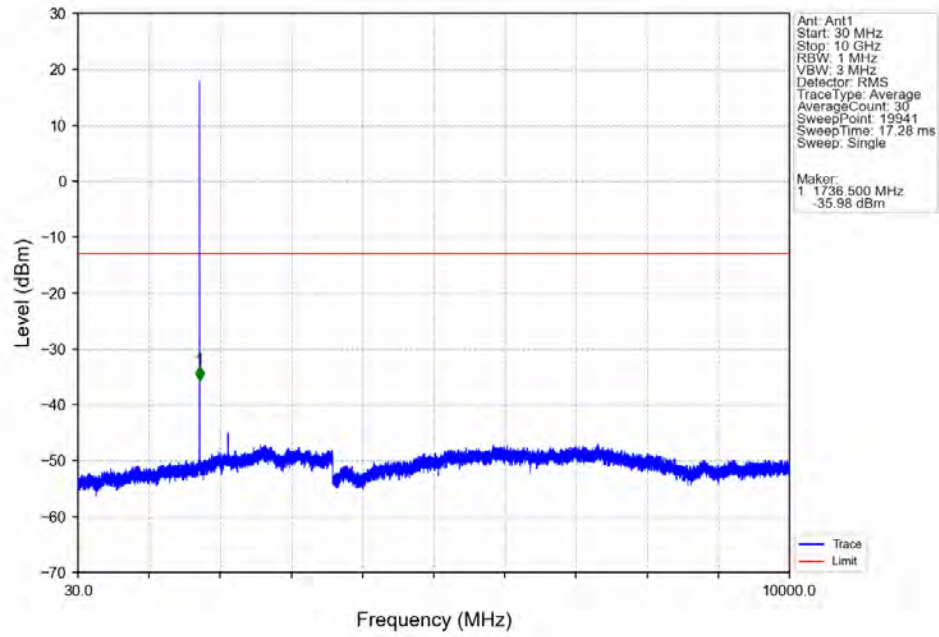


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

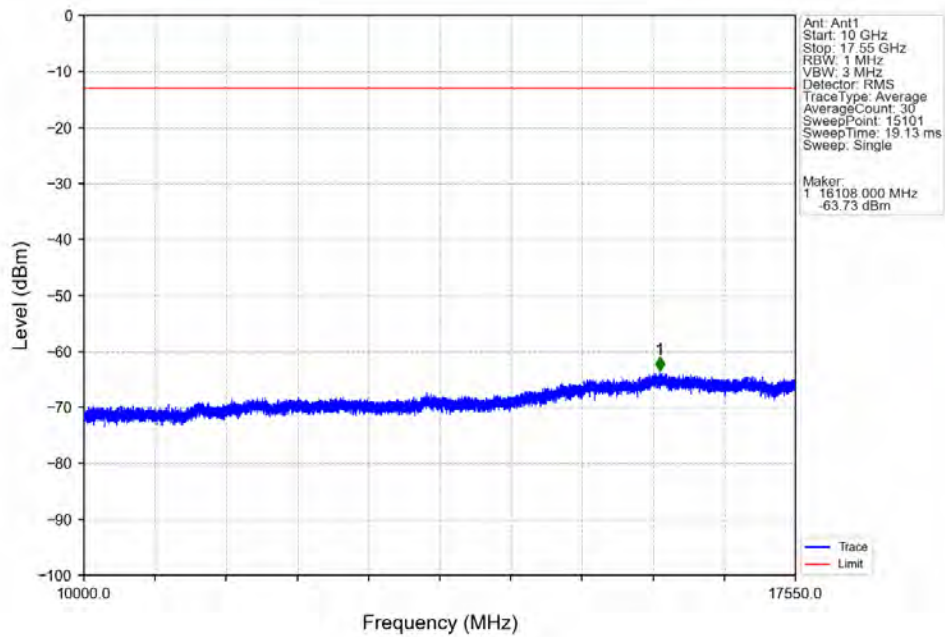


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.560	-46.29	-13	Pass
1709	1710	0.013	/	2	1709.997	-32.29	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

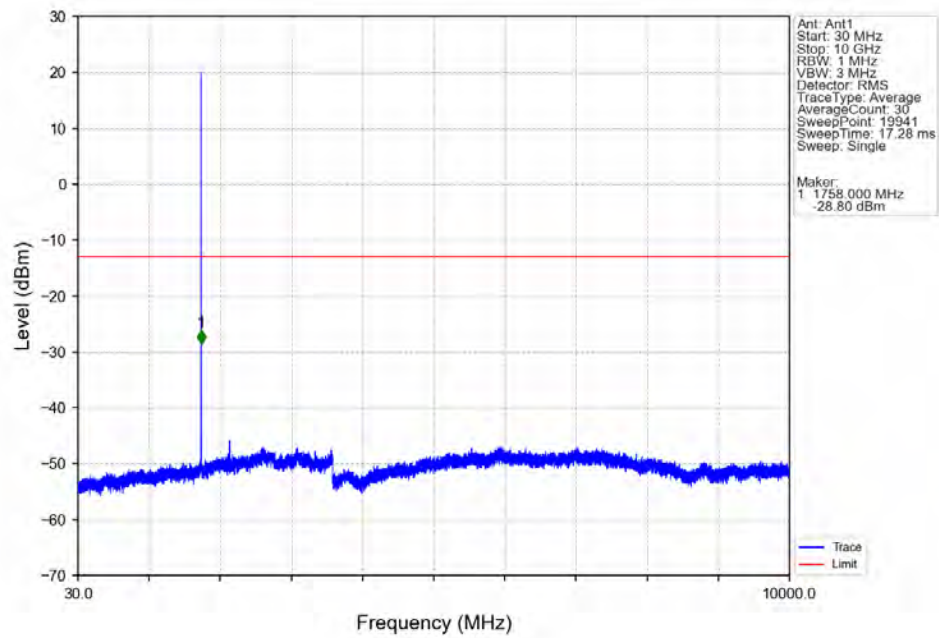
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



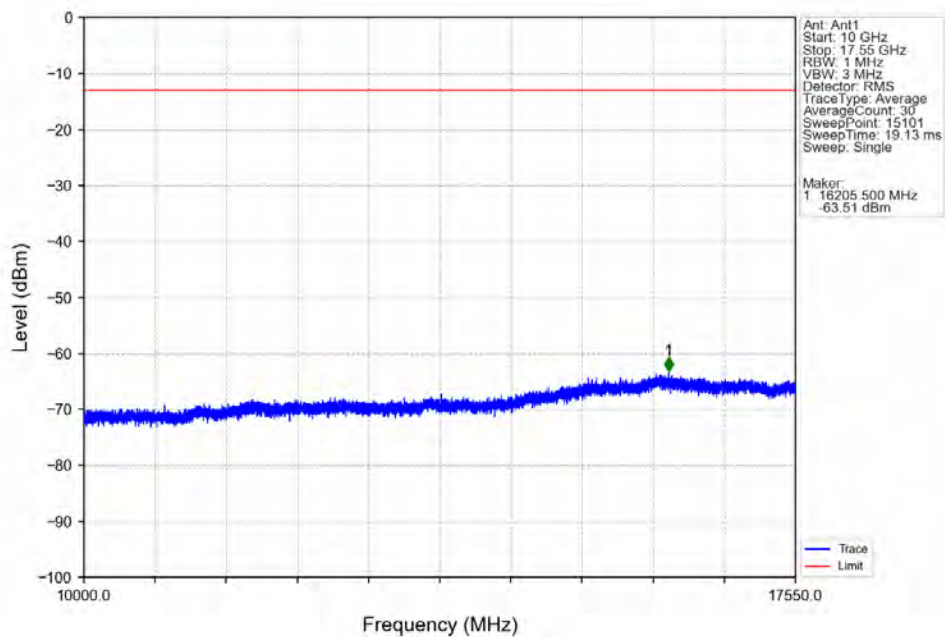
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



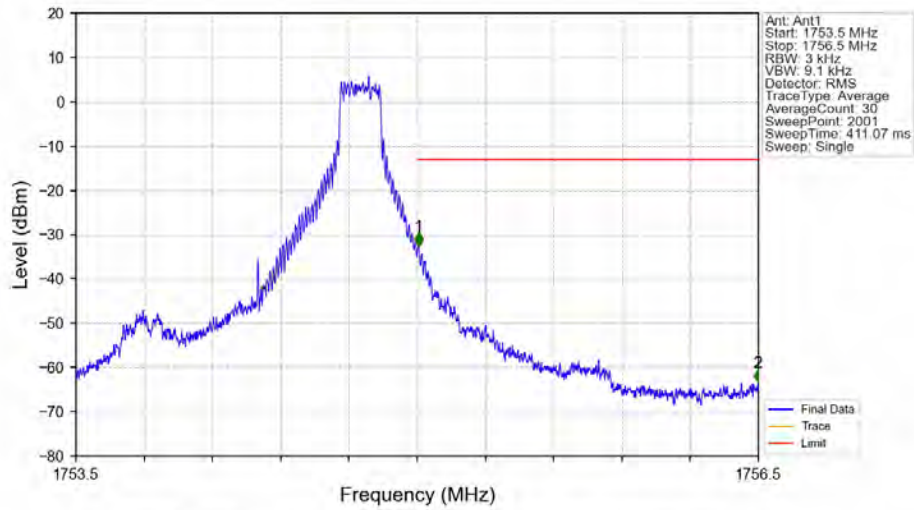
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

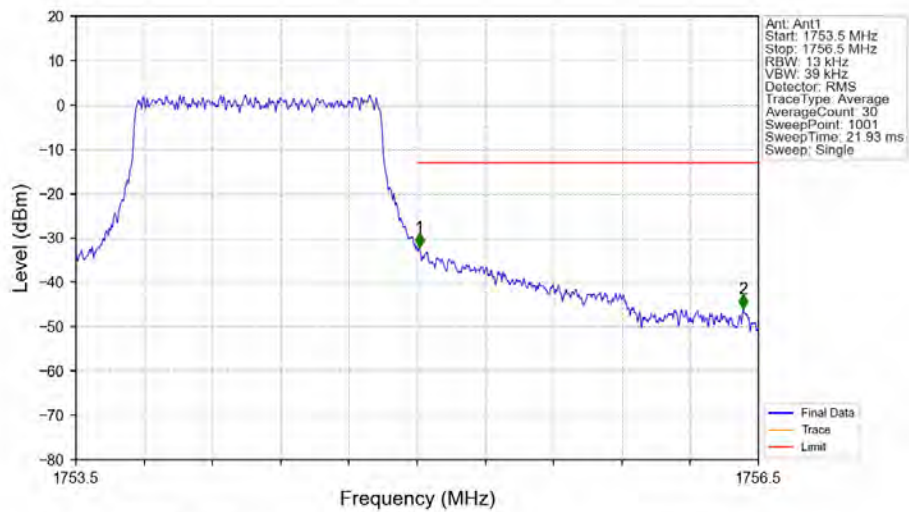


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTNV



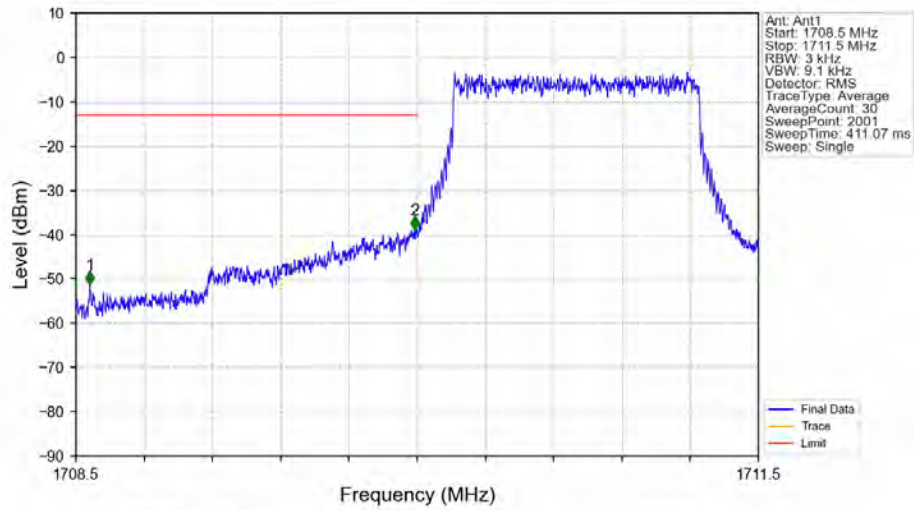
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-32.58	-13	Pass
1756	1756.5	1	/	2	1756.498	-63.38	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



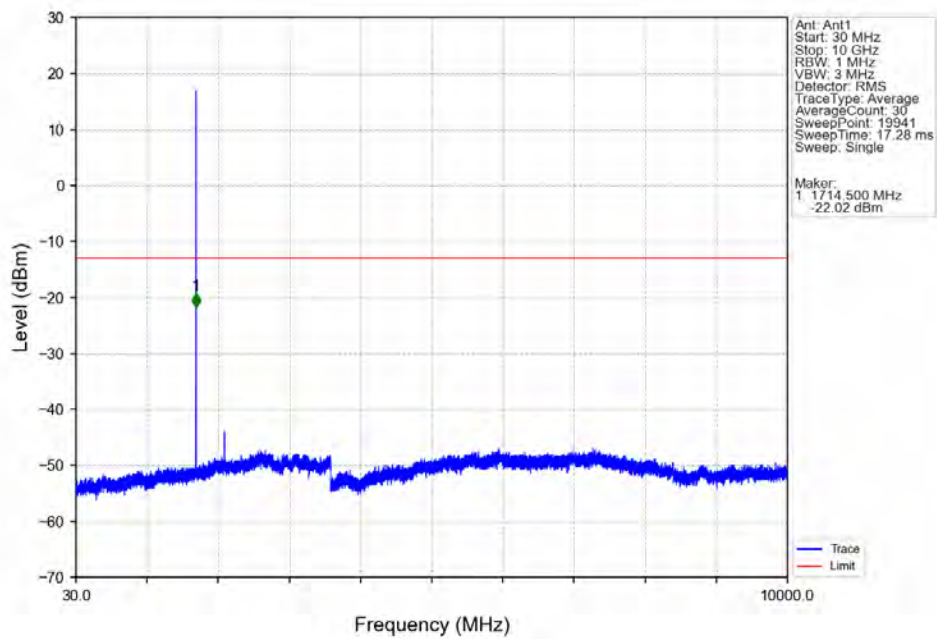
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.009	-32.07	-13	Pass
1756	1756.5	1	/	2	1756.434	-45.88	-13	Pass

Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

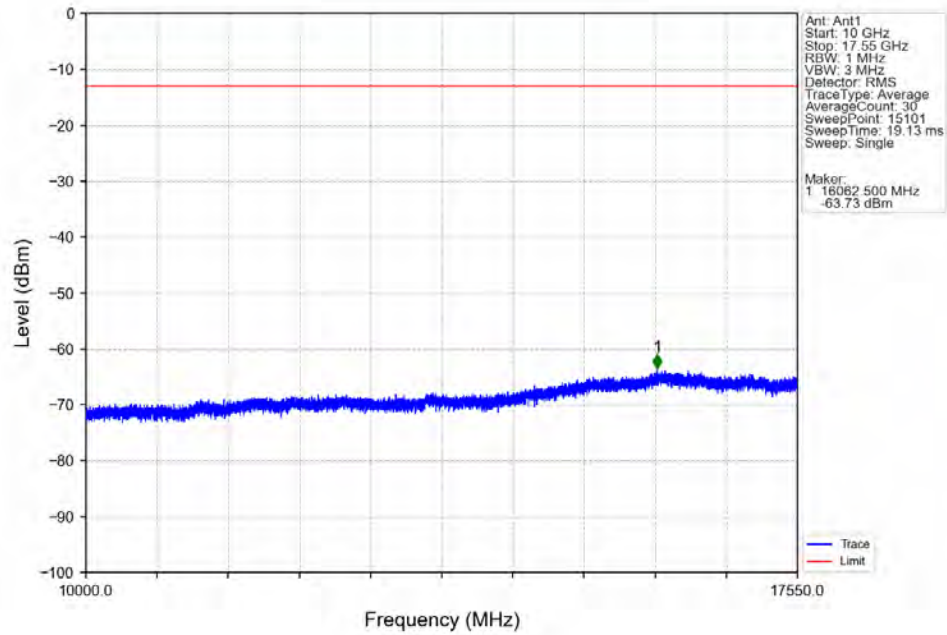


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.562	-51.26	-13	Pass
1709	1710	0.003	/	2	1709.989	-38.99	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

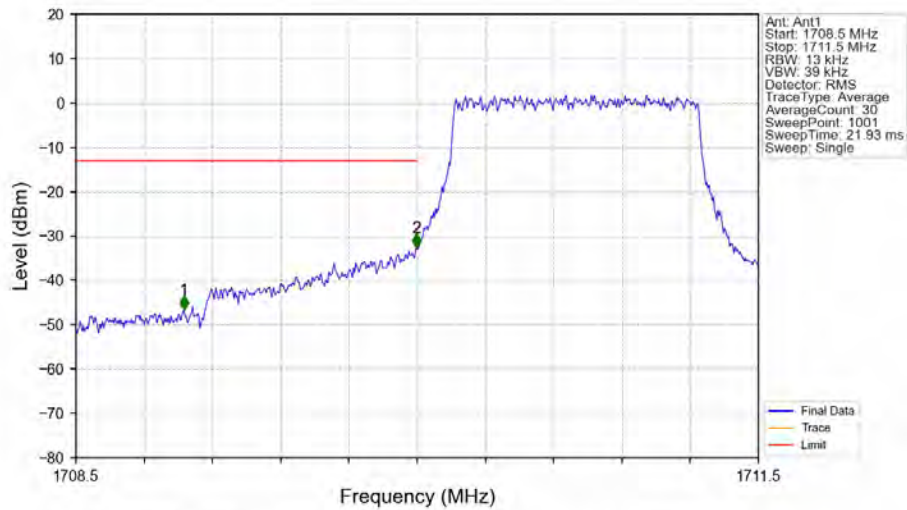
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

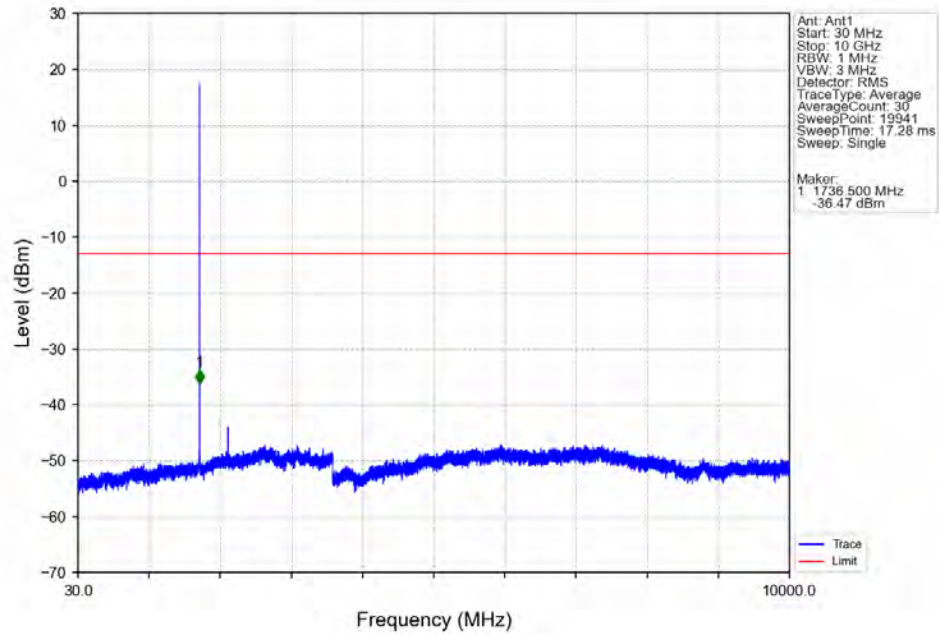


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

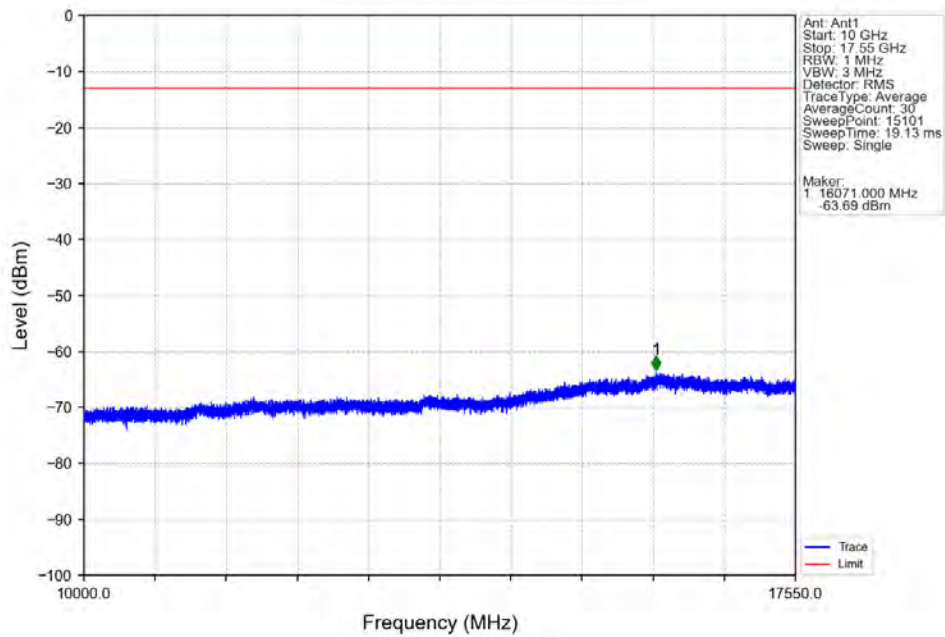


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.974	-46.66	-13	Pass
1709	1710	0.013	/	2	1709.997	-32.66	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

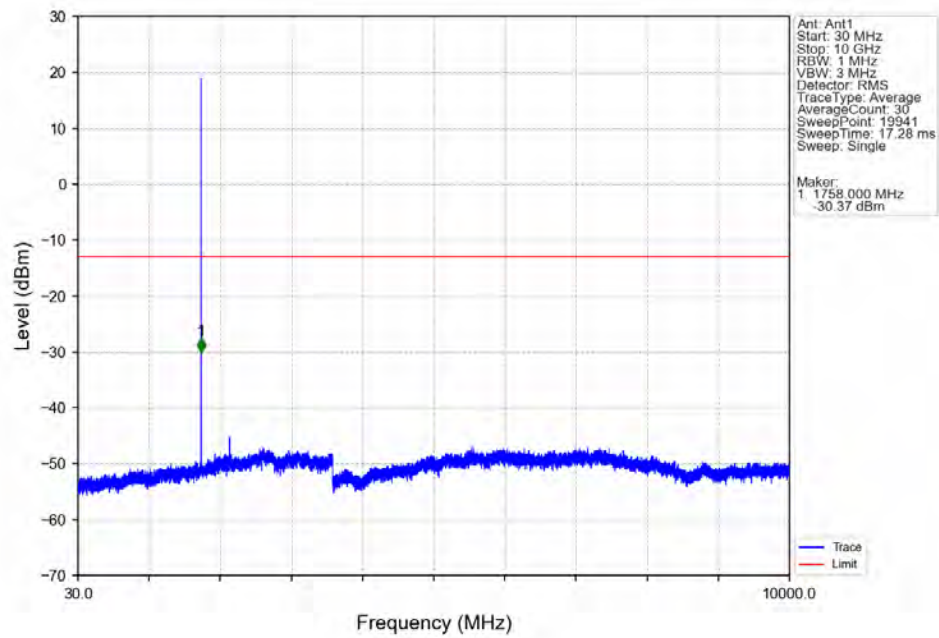
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



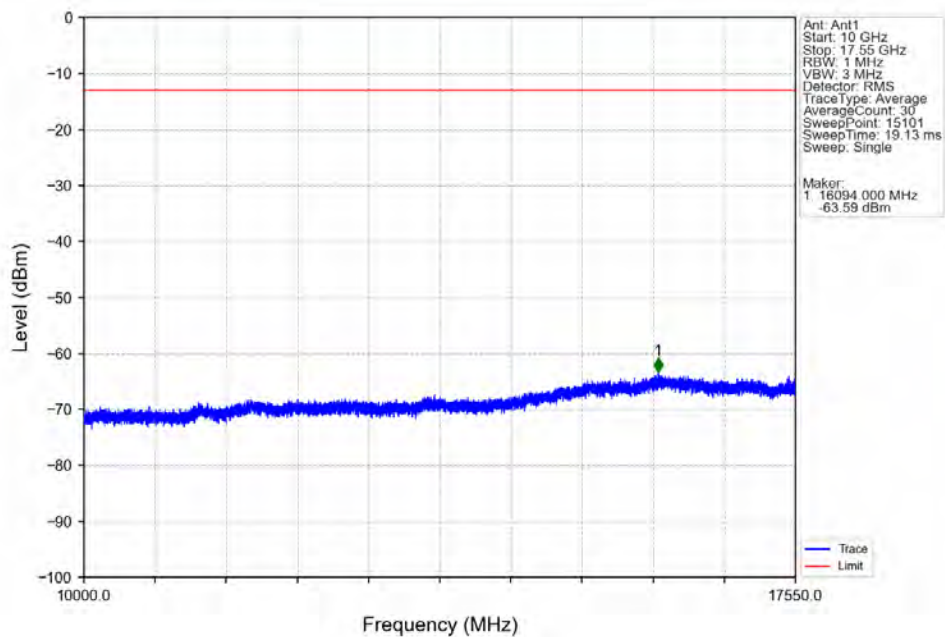
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



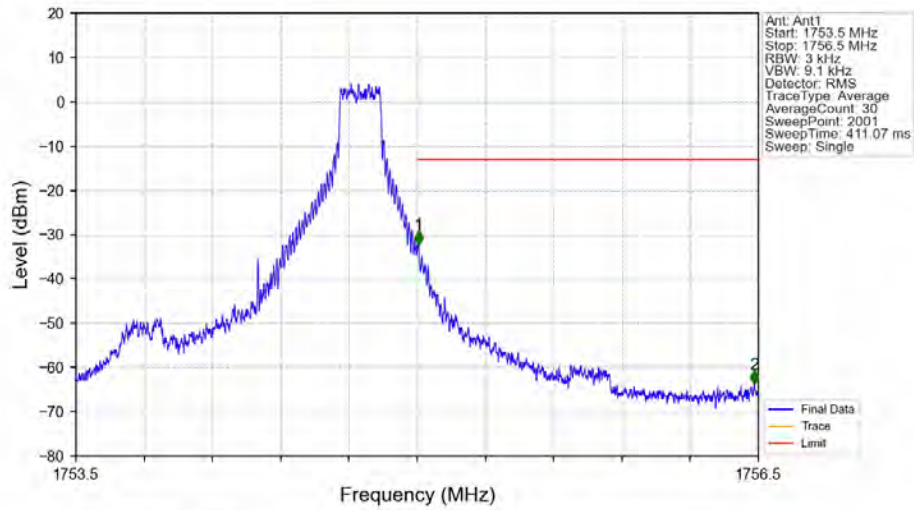
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV

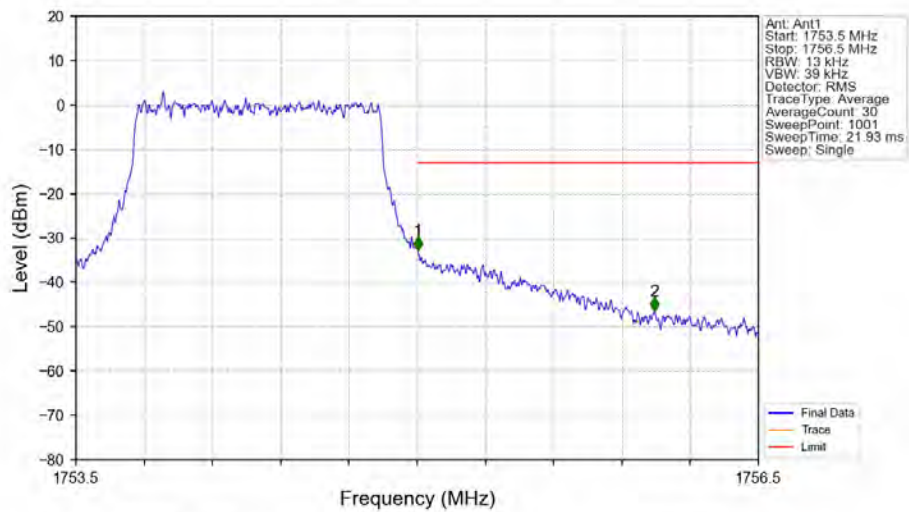


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTN



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	-32.29	-13	Pass
1756	1756.5	1	/	2	1756.482	-63.71	-13	Pass

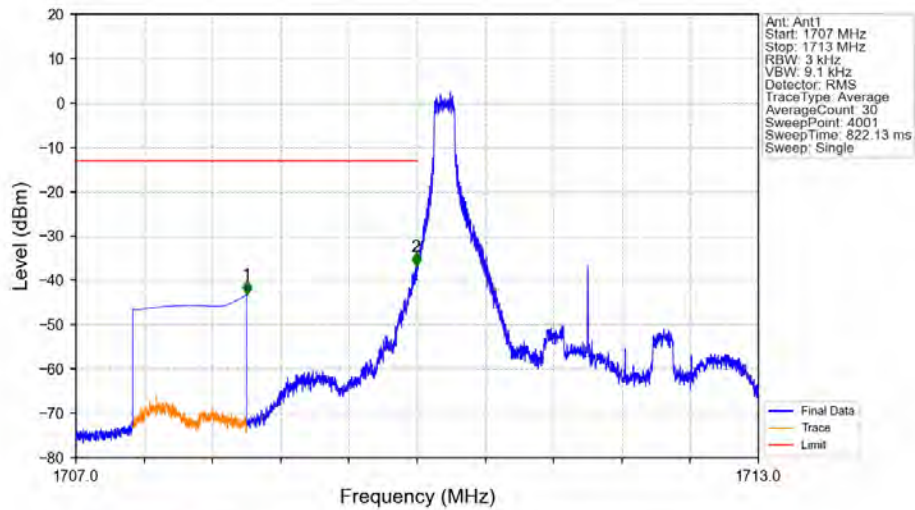
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTN



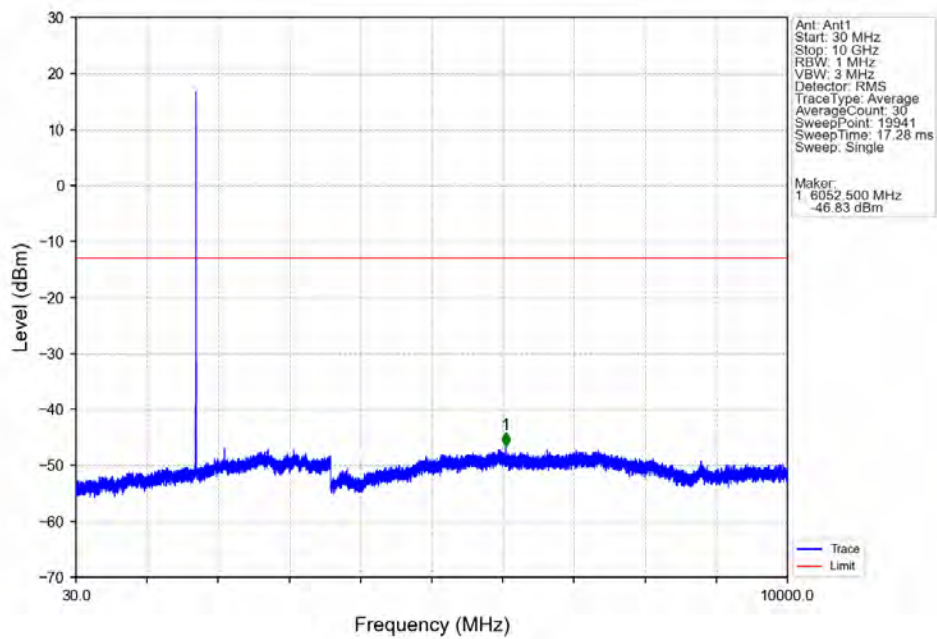
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.003	-32.69	-13	Pass
1756	1756.5	1	/	2	1756.044	-46.51	-13	Pass

6.2.2 B4_3MHz

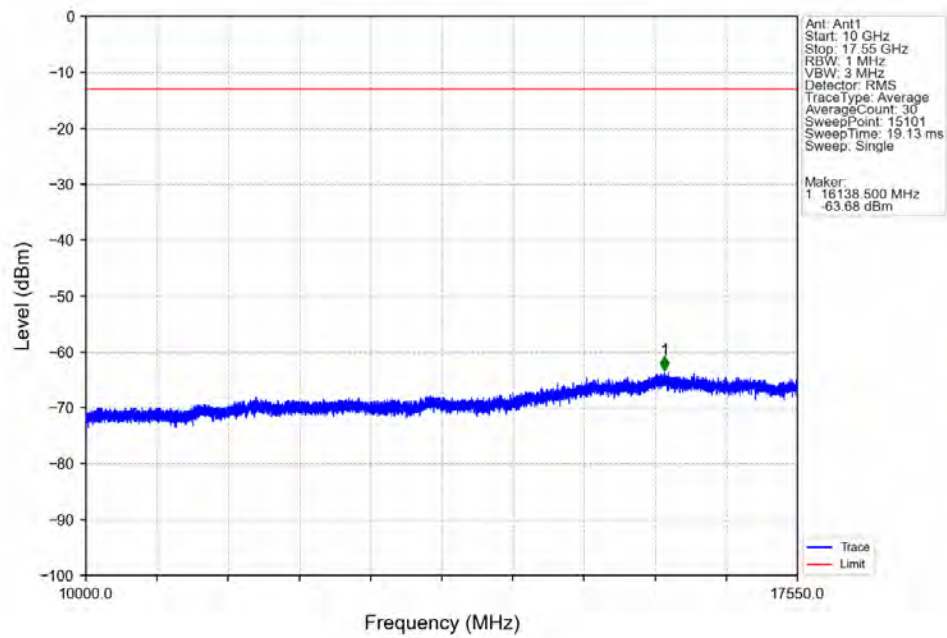
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



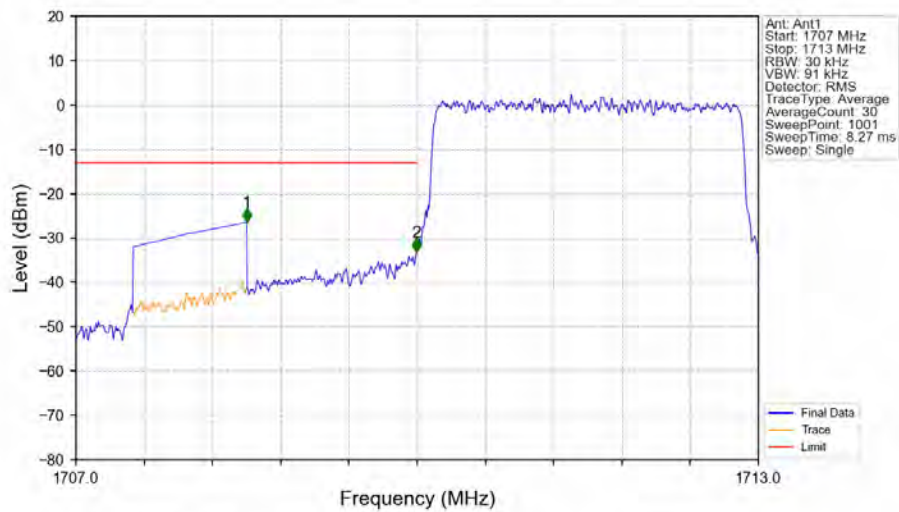
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

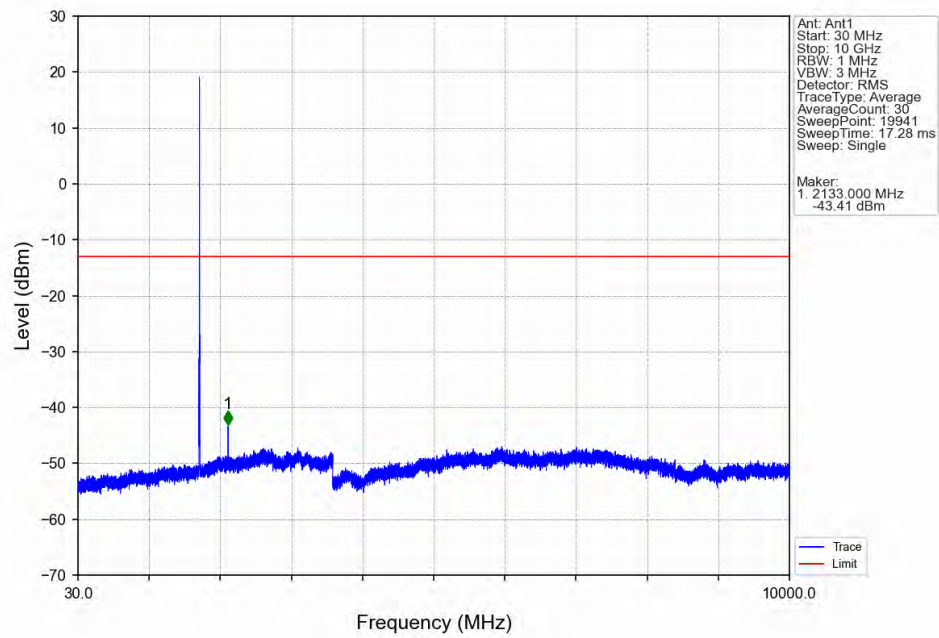


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

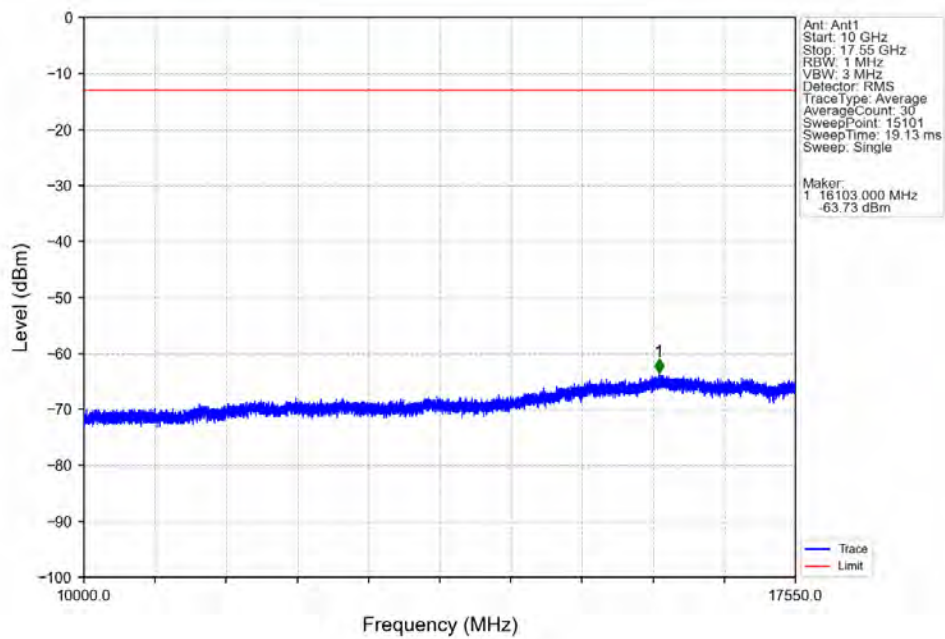


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.45	-13	Pass
1709	1710	0.03	/	2	1709.994	-33.21	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

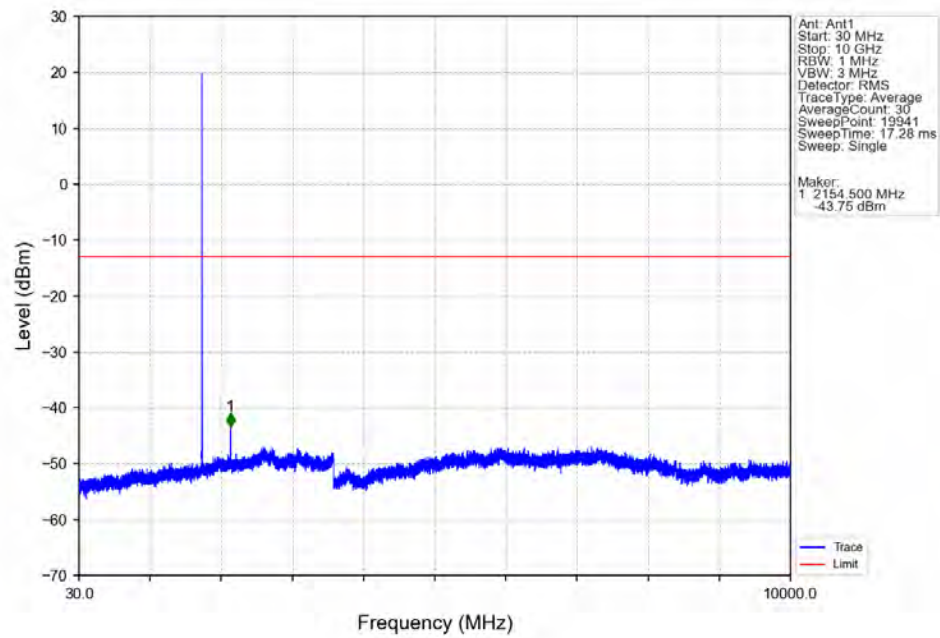
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



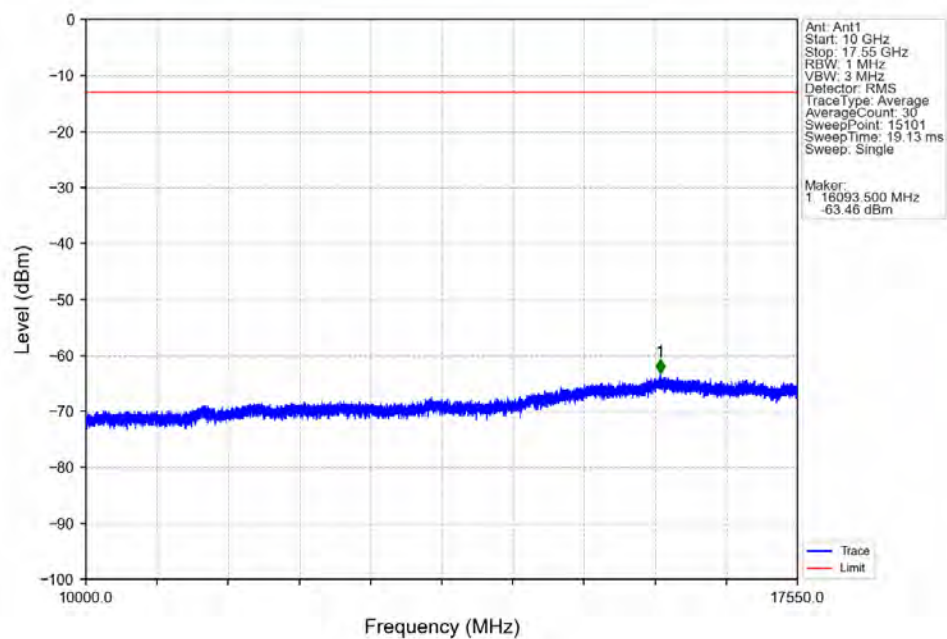
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



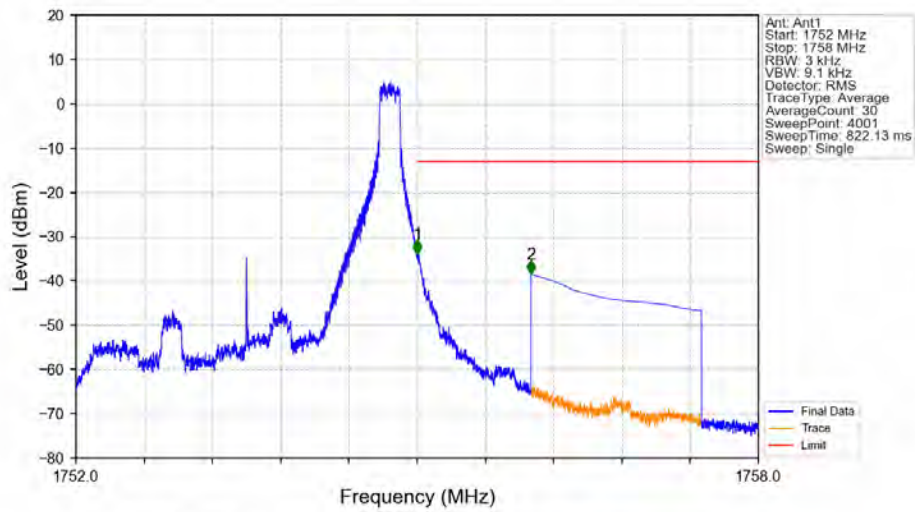
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

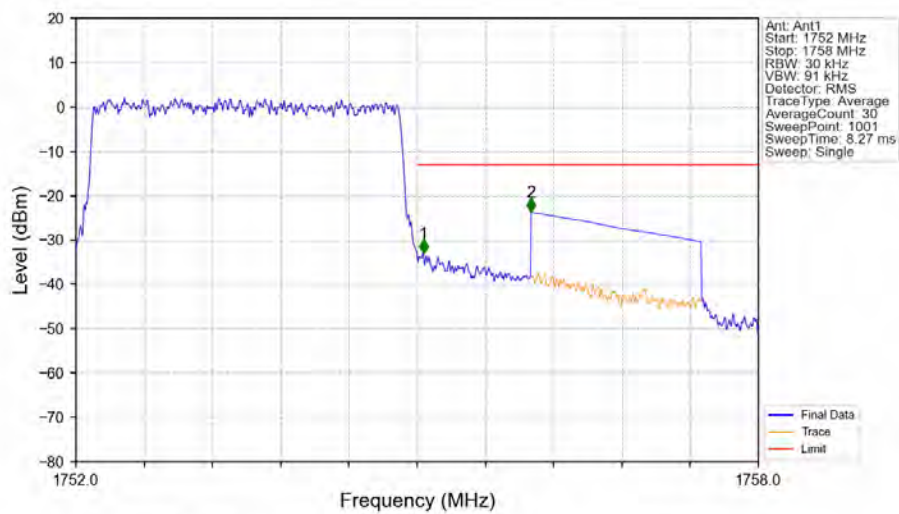


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



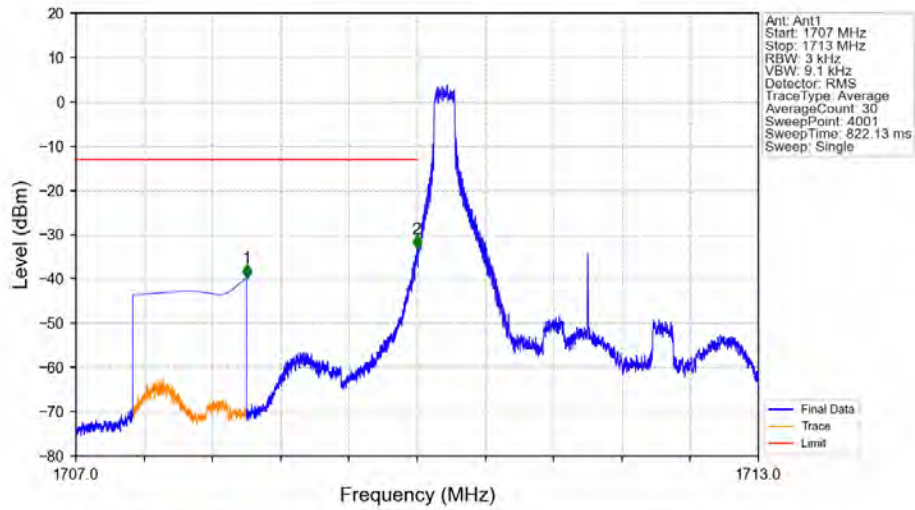
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-33.82	-13	Pass
1756	1758	1	CHP	2	1756.001	-38.39	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

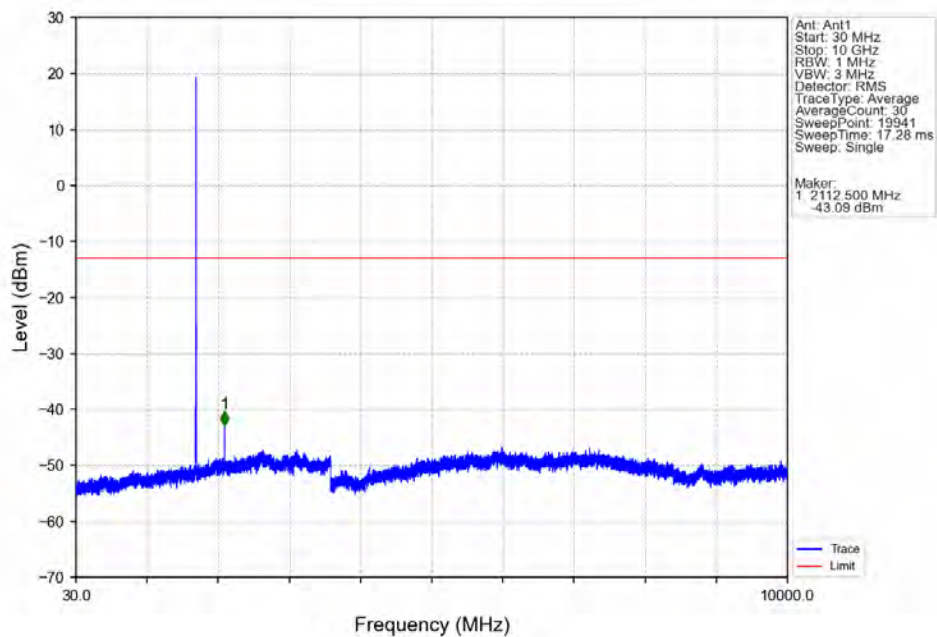


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.054	-32.95	-13	Pass
1756	1758	1	CHP	2	1756.002	-23.73	-13	Pass

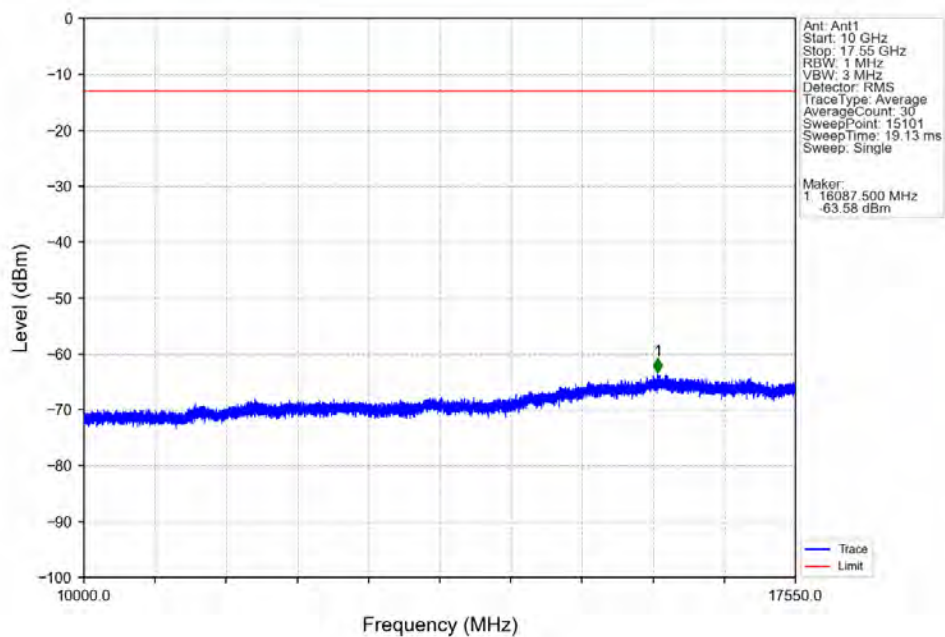
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



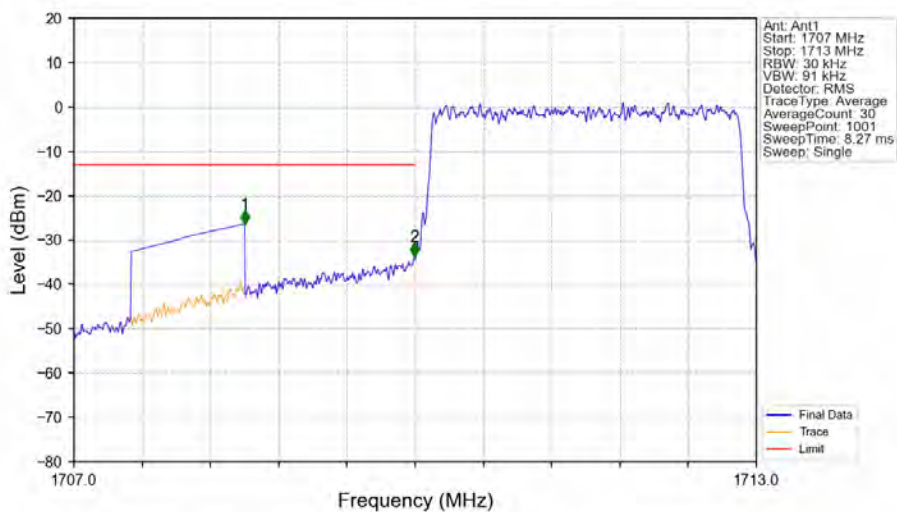
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTV



Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV

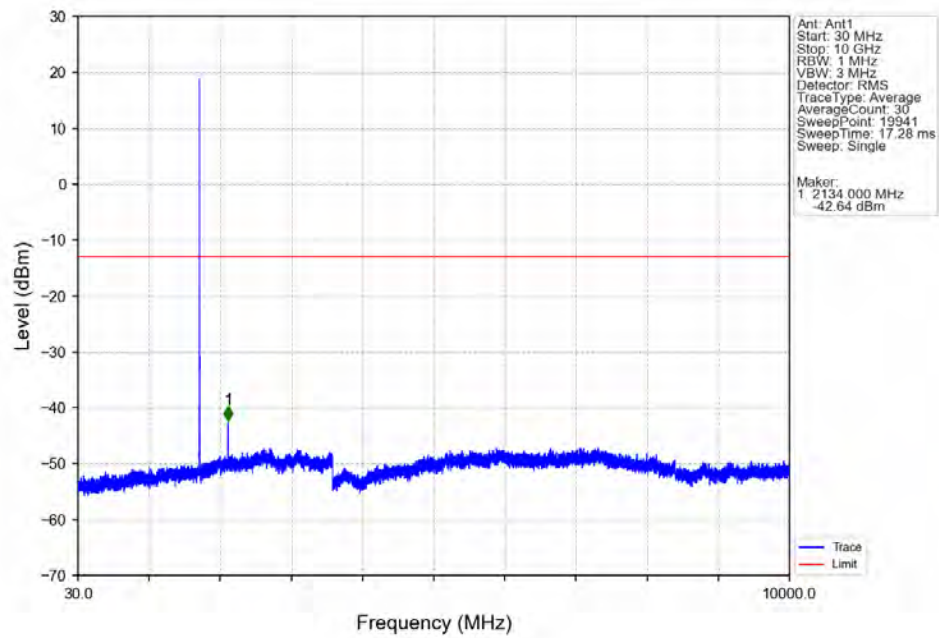


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTV

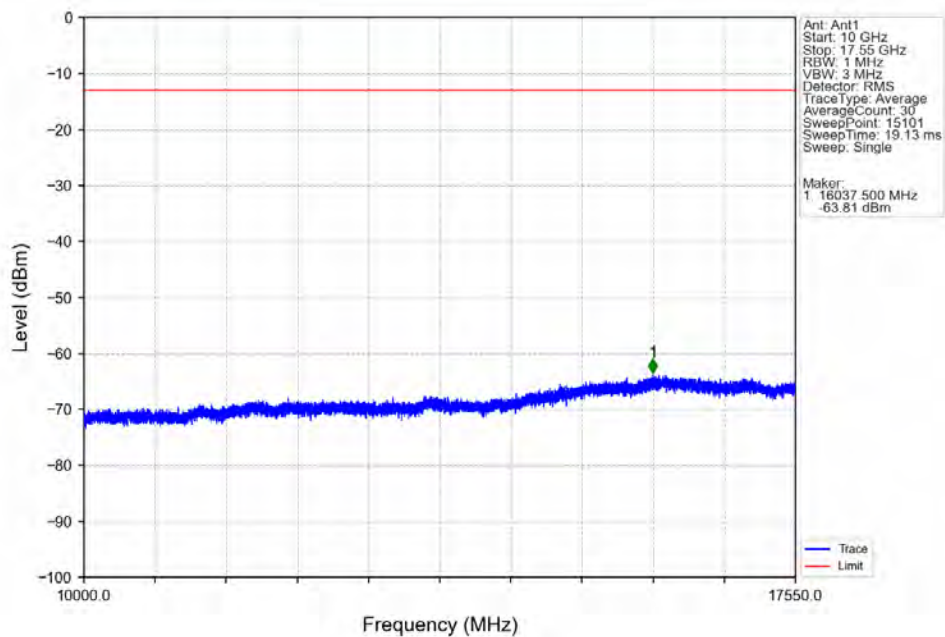


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.41	-13	Pass
1709	1710	0.03	/	2	1709.994	-33.76	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

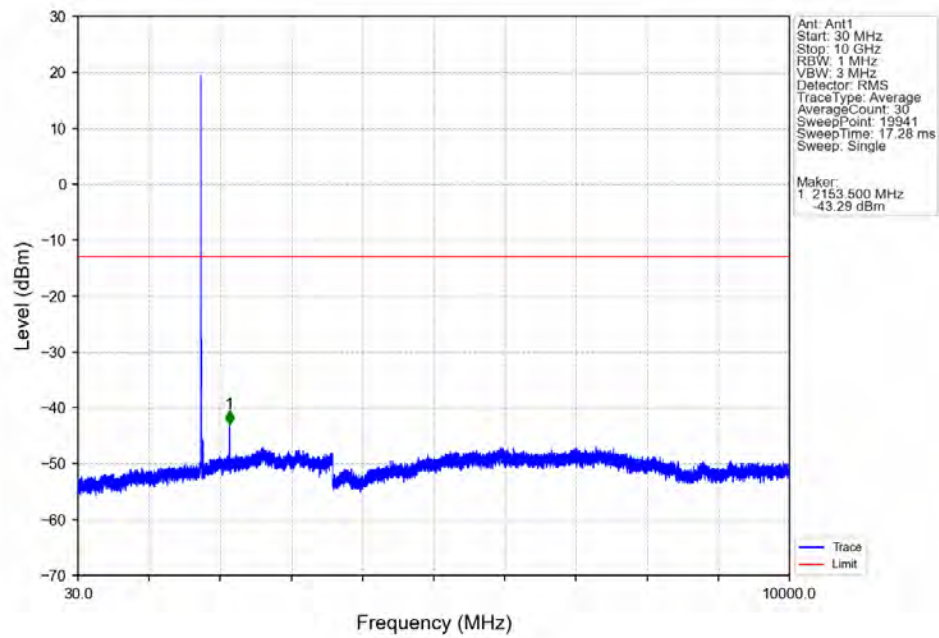
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



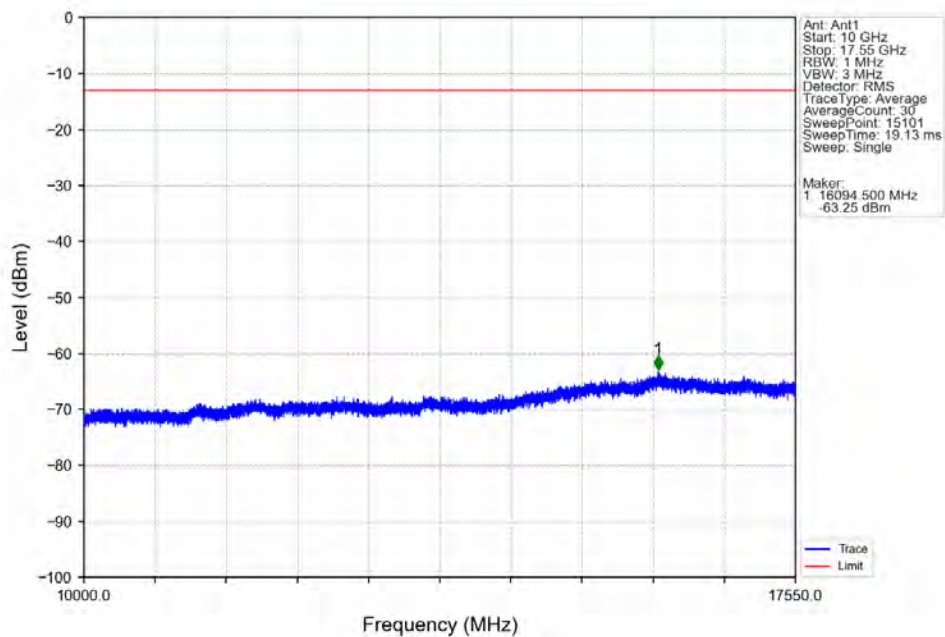
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



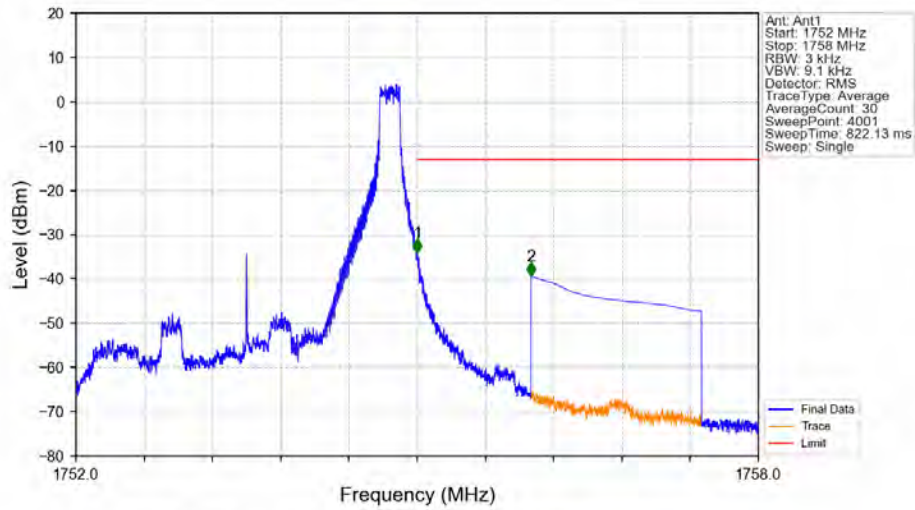
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

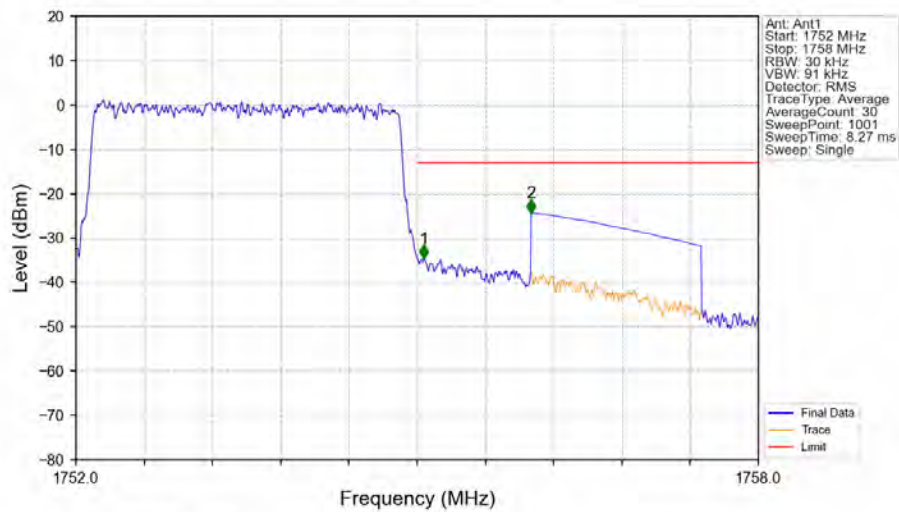


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.003	-34.06	-13	Pass
1756	1758	1	CHP	2	1756.001	-39.38	-13	Pass

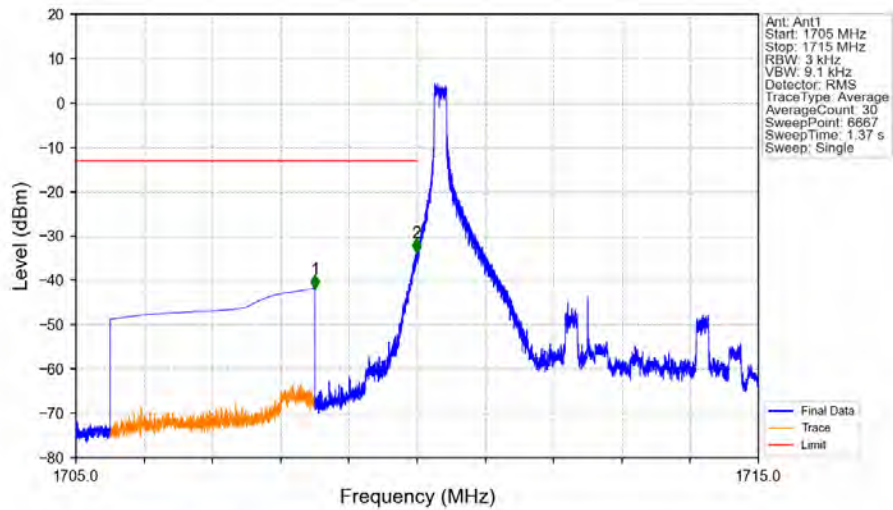
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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	1755.060	-34.59	-13	Pass
1756	1758	1	CHP	2	1756.002	-24.30	-13	Pass

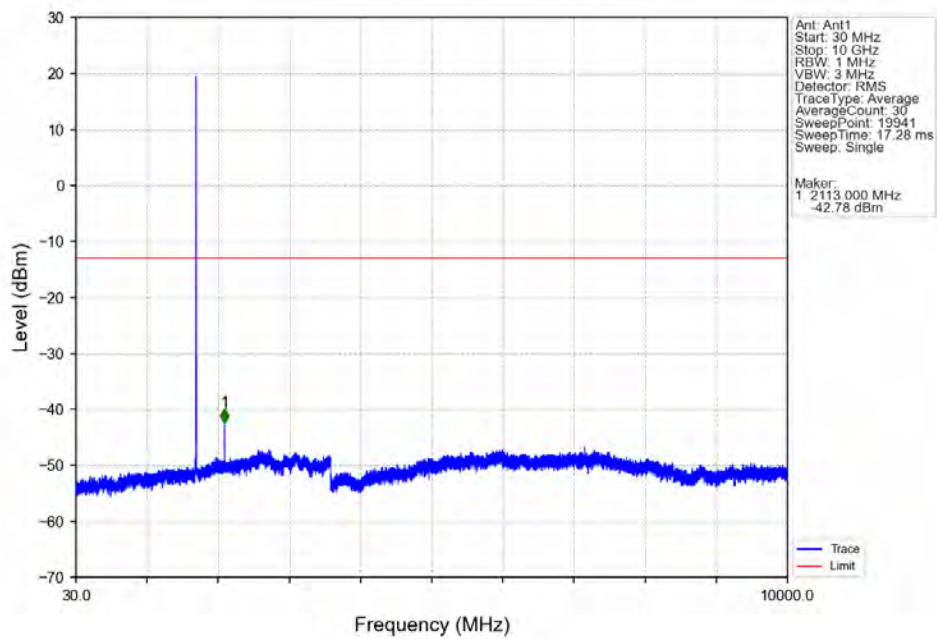
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

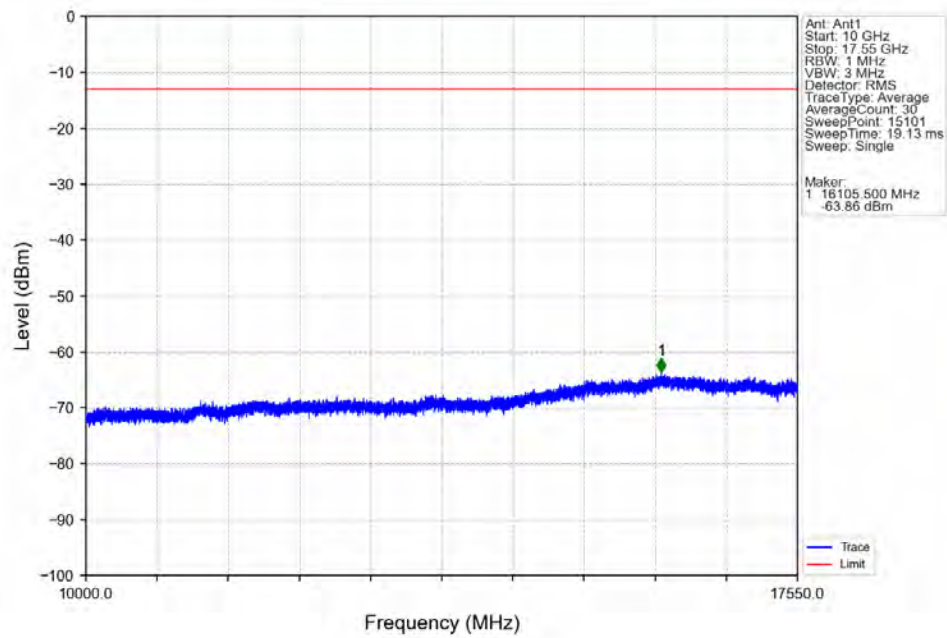


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-41.81	-13	Pass
1709	1710	0.003	/	2	1709.989	-33.75	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

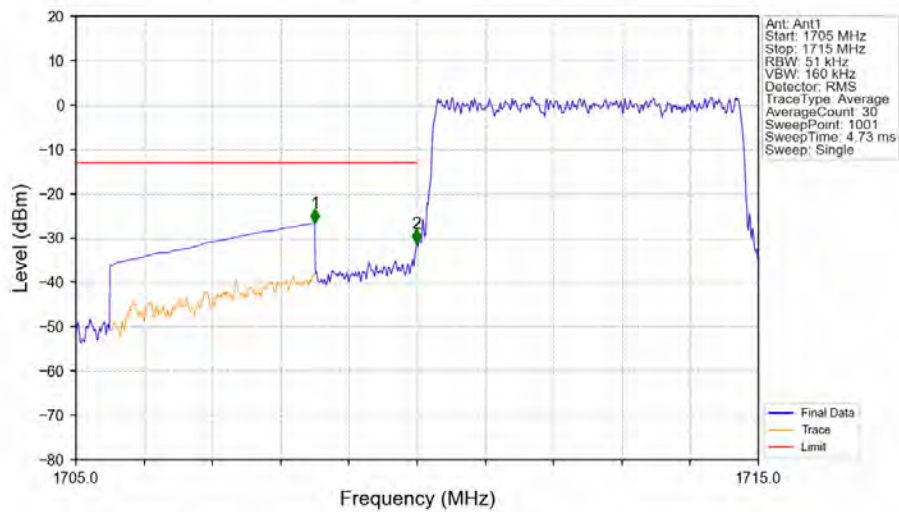
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

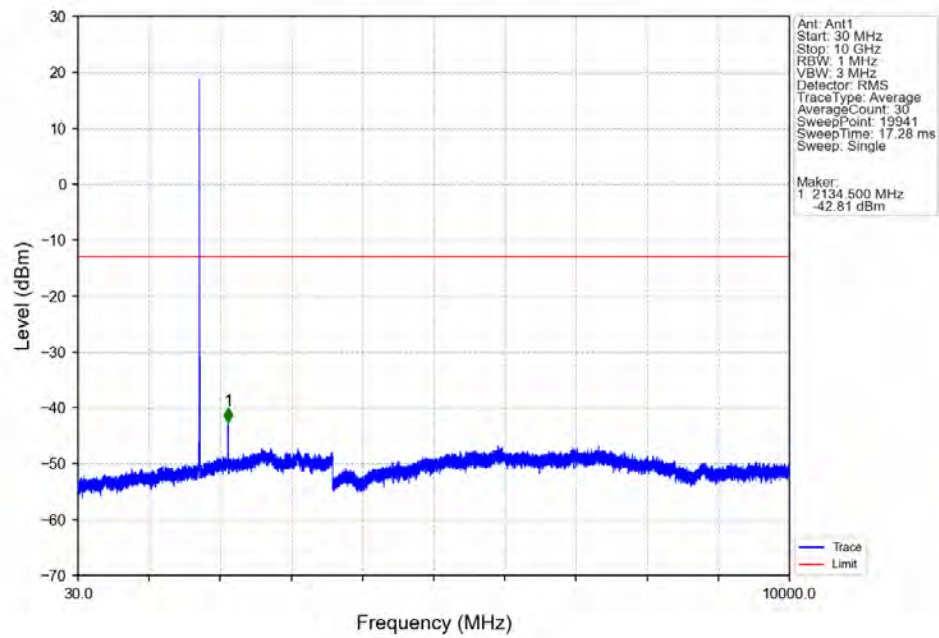


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

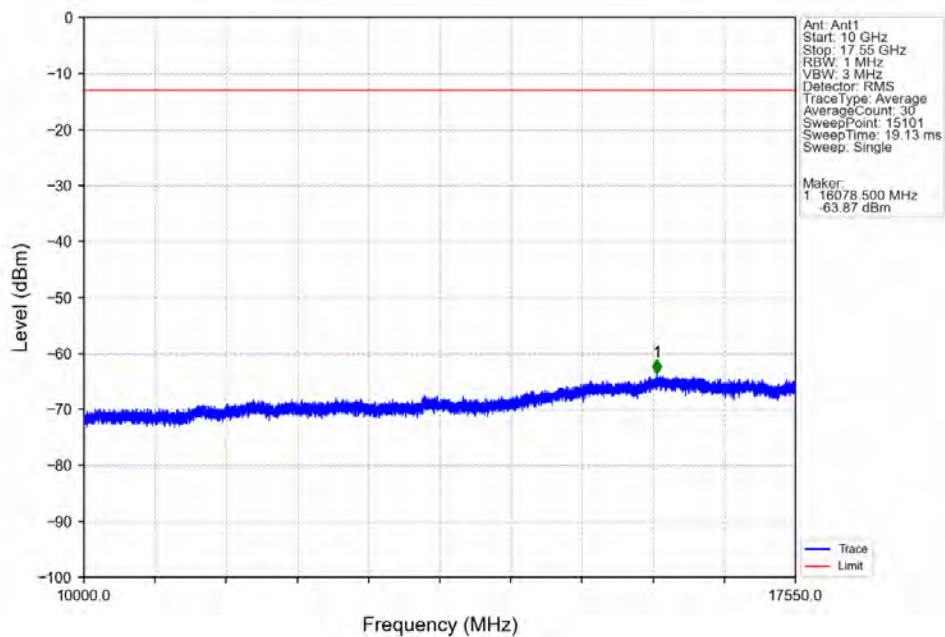


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-26.64	-13	Pass
1709	1710	0.051	/	2	1709.990	-31.16	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

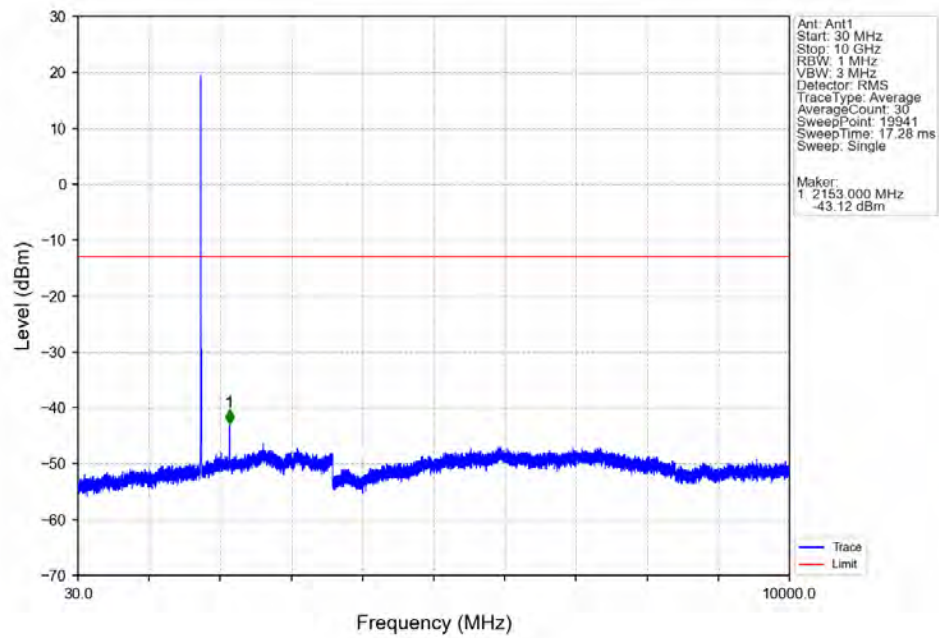
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



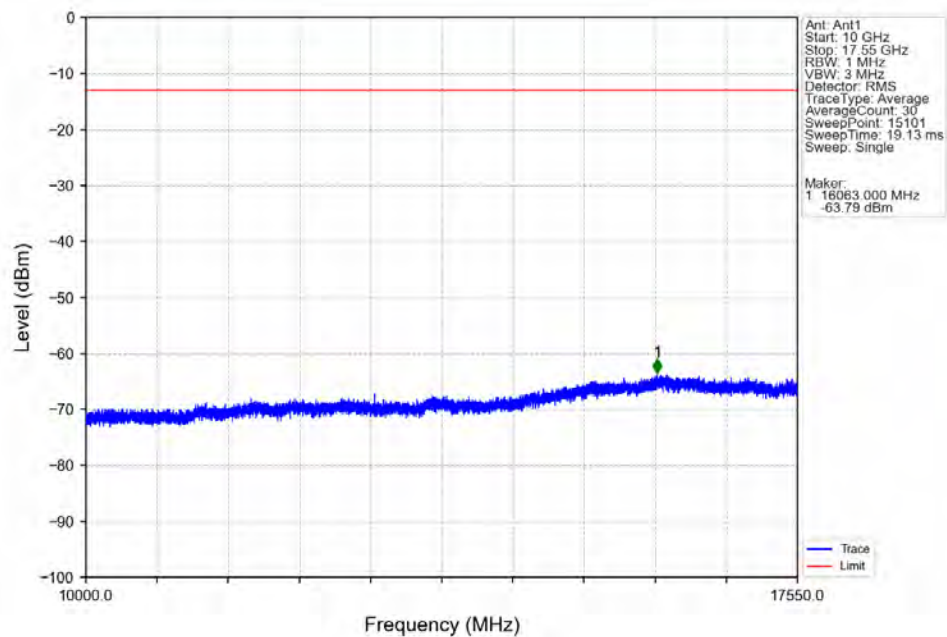
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



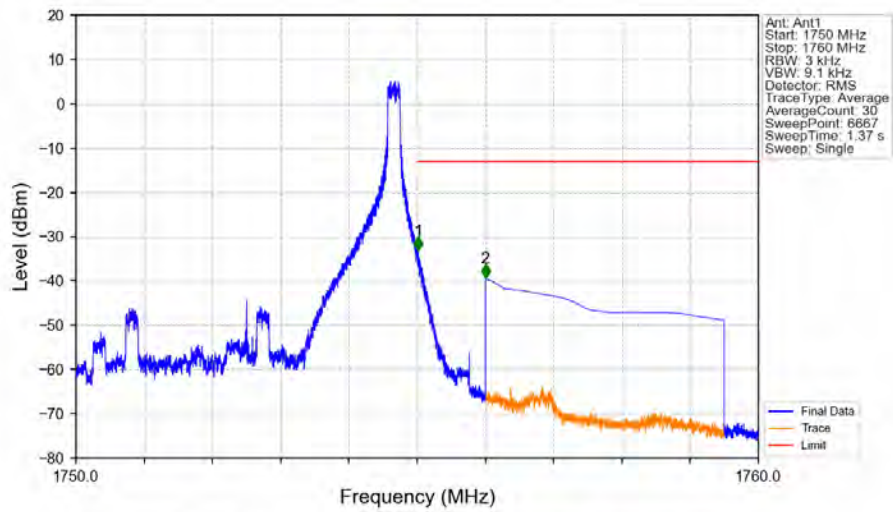
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

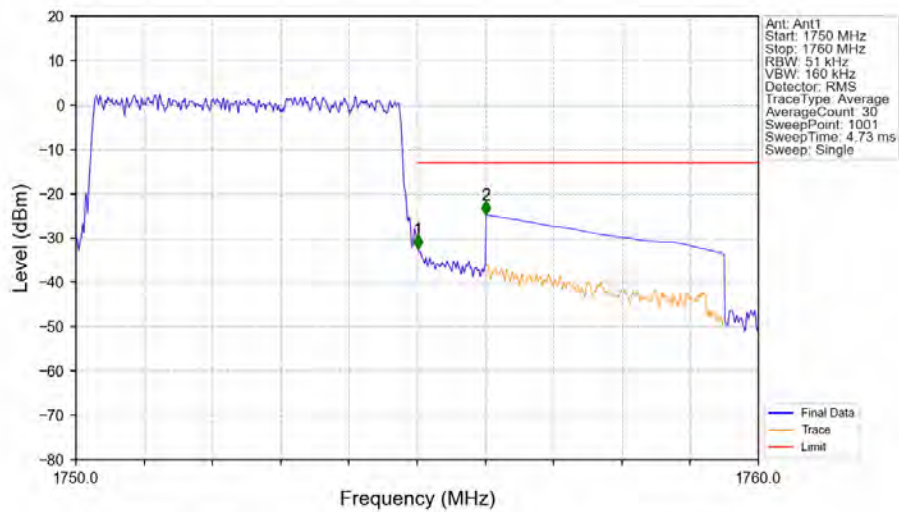


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



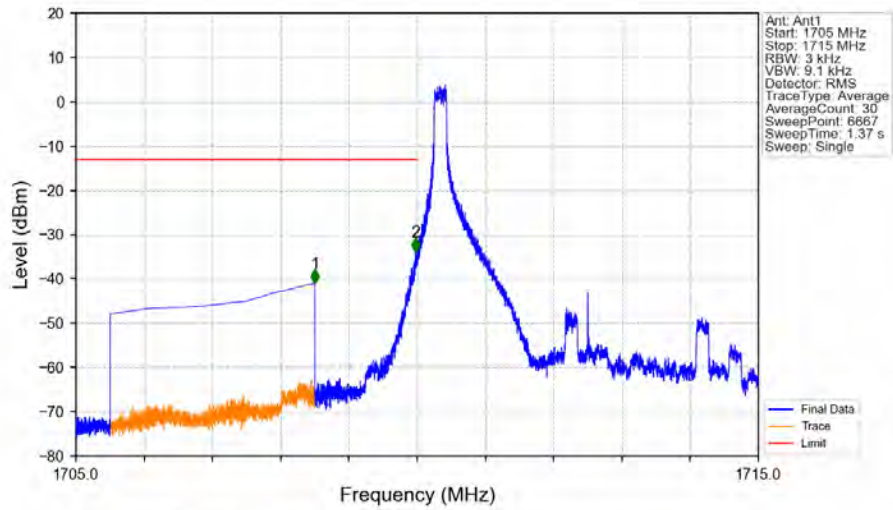
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.015	-33.16	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.39	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



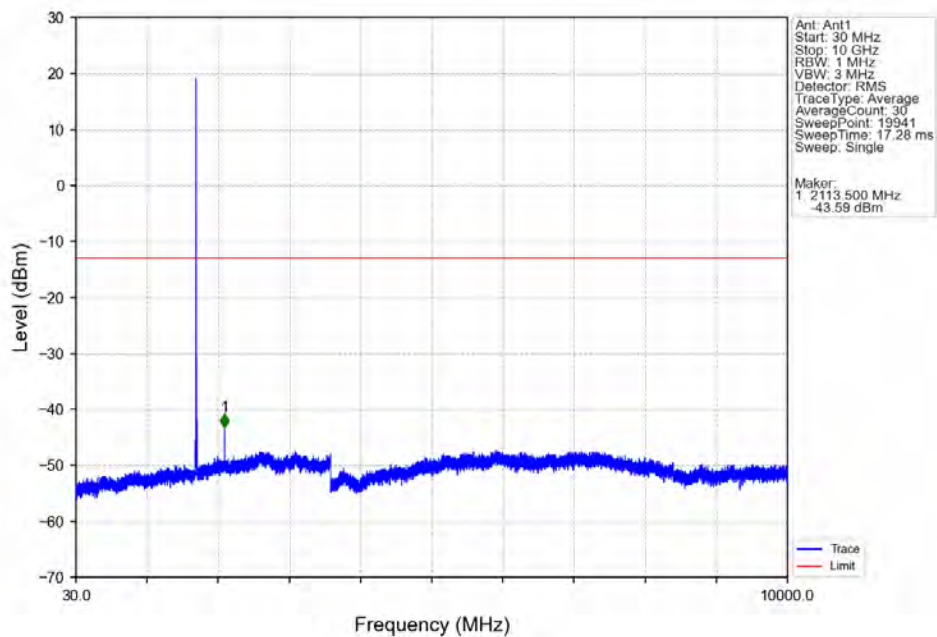
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.010	-32.44	-13	Pass
1756	1760	1	CHP	2	1756.010	-24.74	-13	Pass

Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV

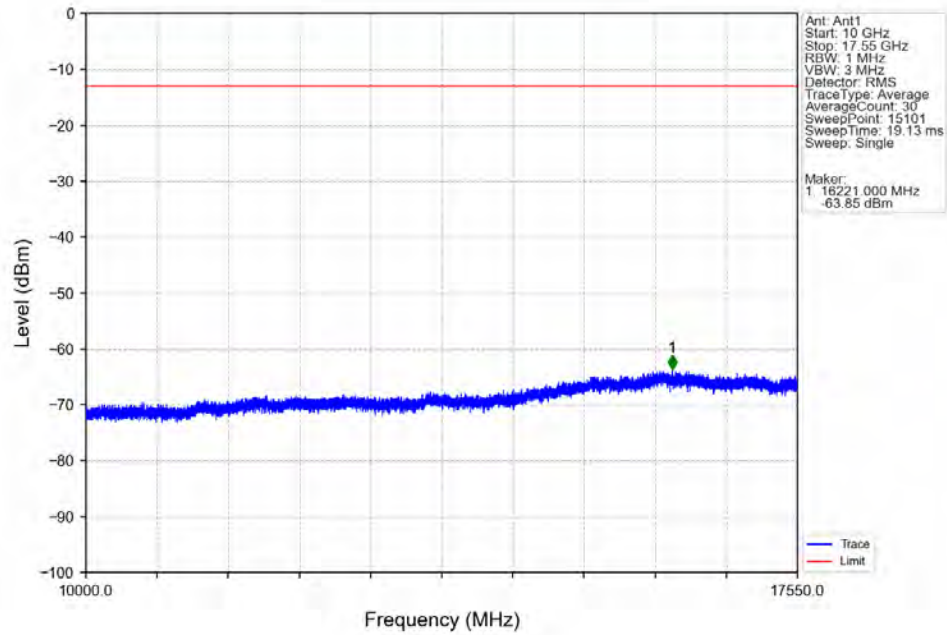


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-41.05	-13	Pass
1709	1710	0.003	/	2	1709.973	-33.89	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

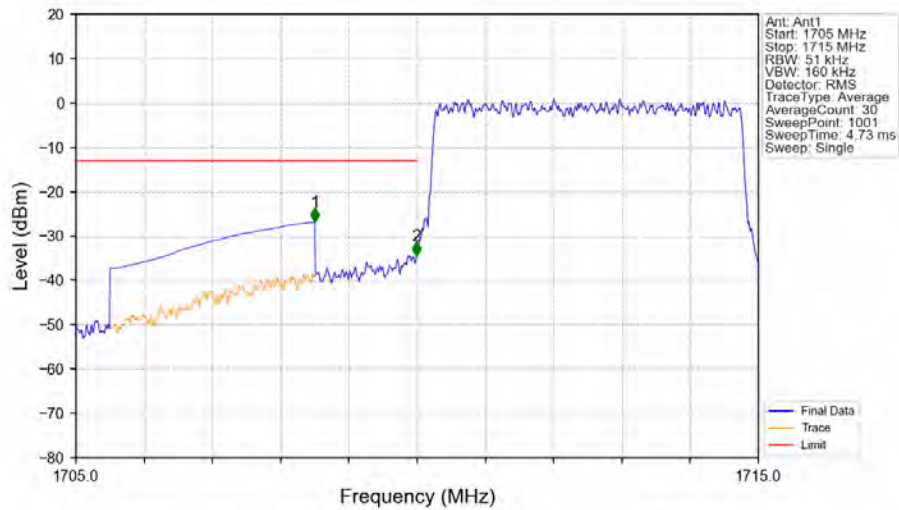
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV

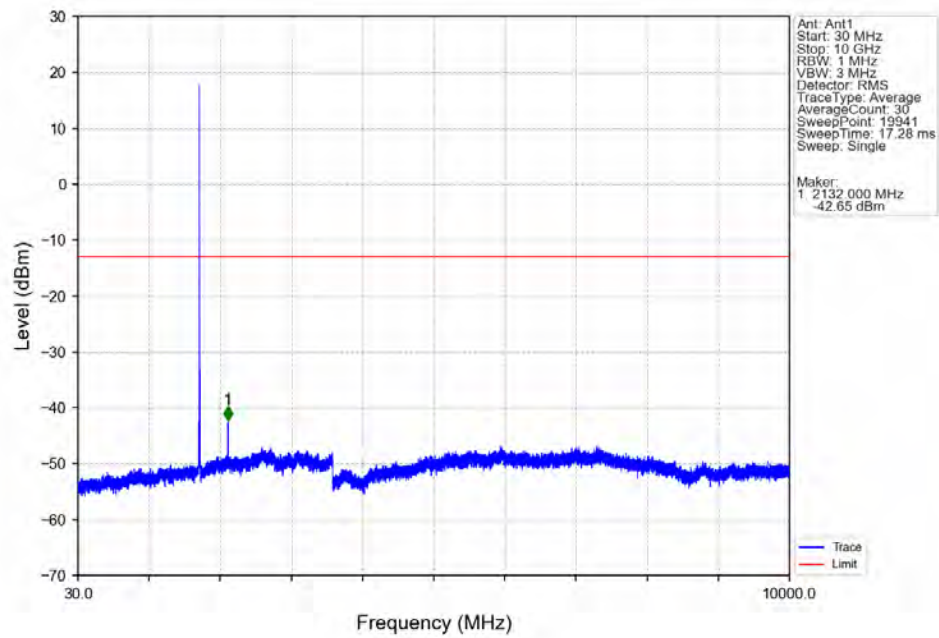


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

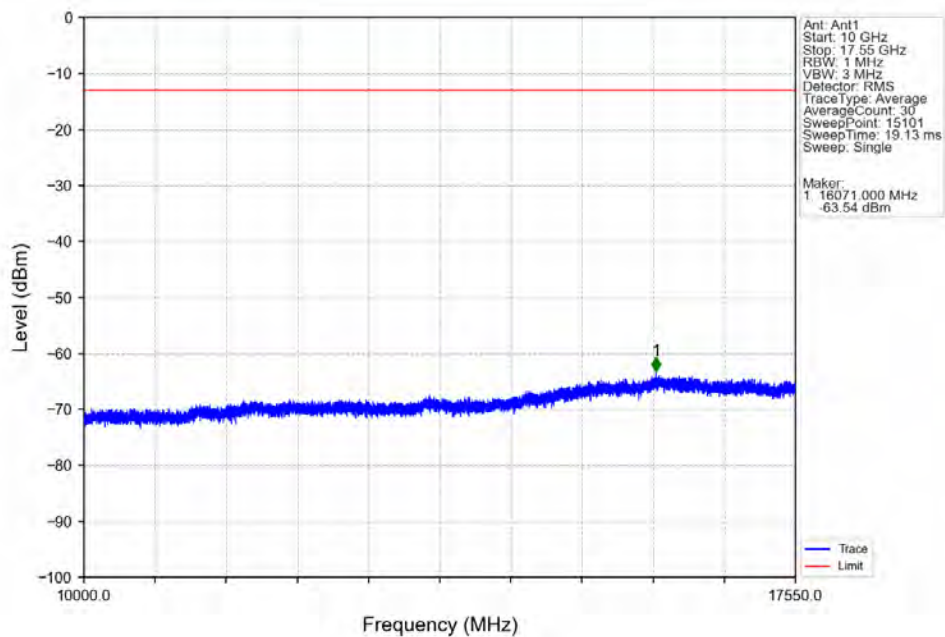


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-26.82	-13	Pass
1709	1710	0.051	/	2	1709.990	-34.35	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

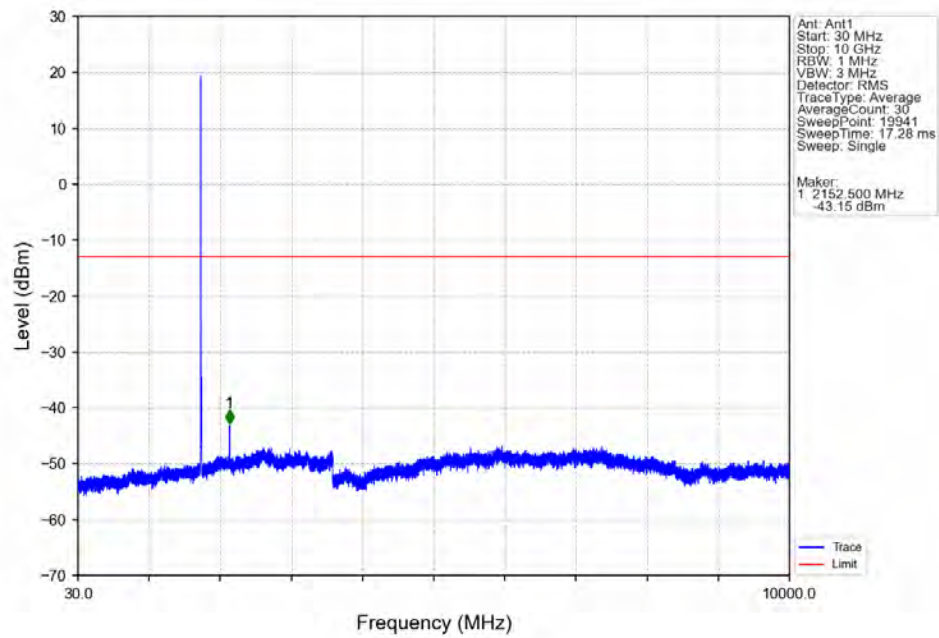
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



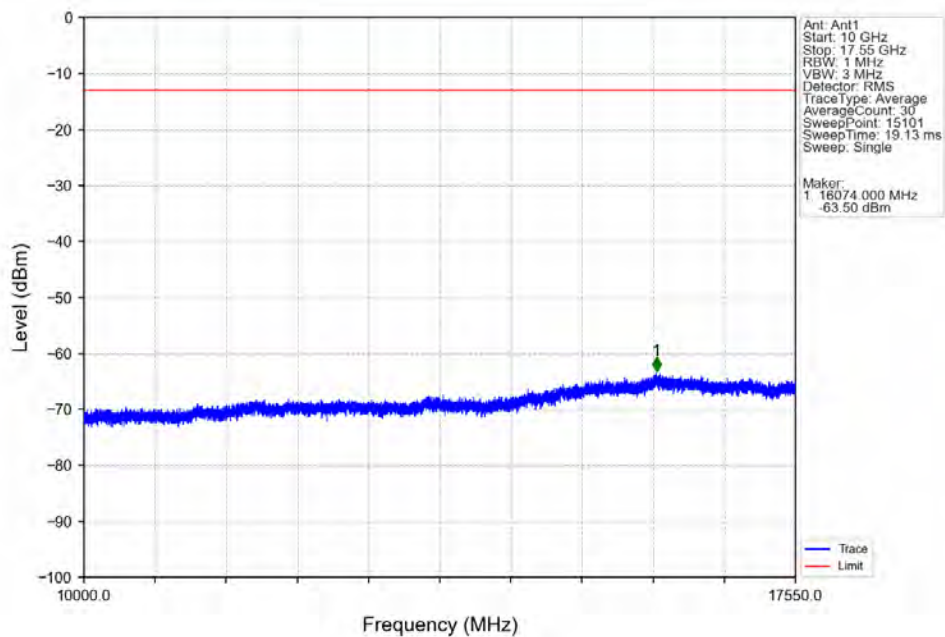
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



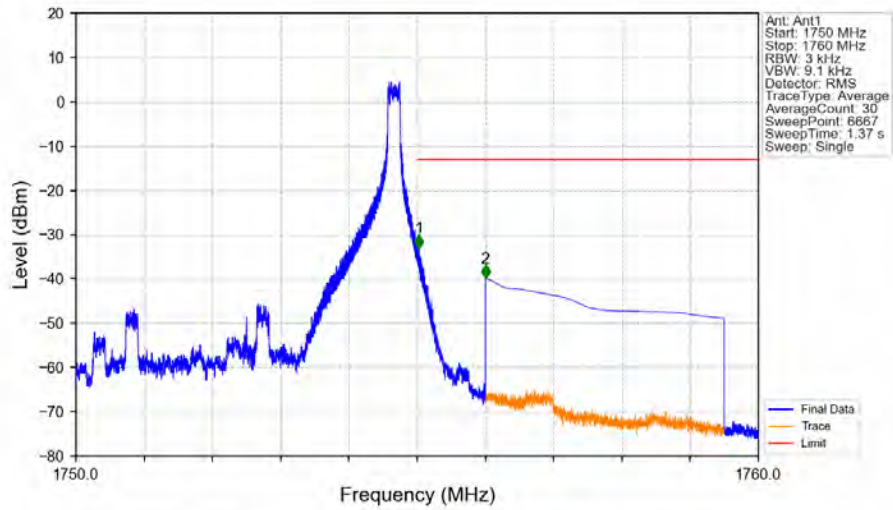
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV

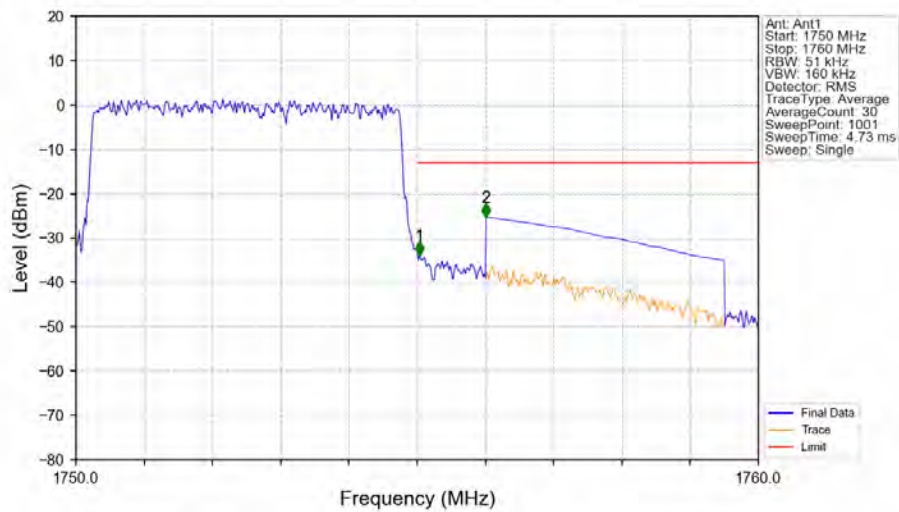


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.026	-33.04	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.83	-13	Pass

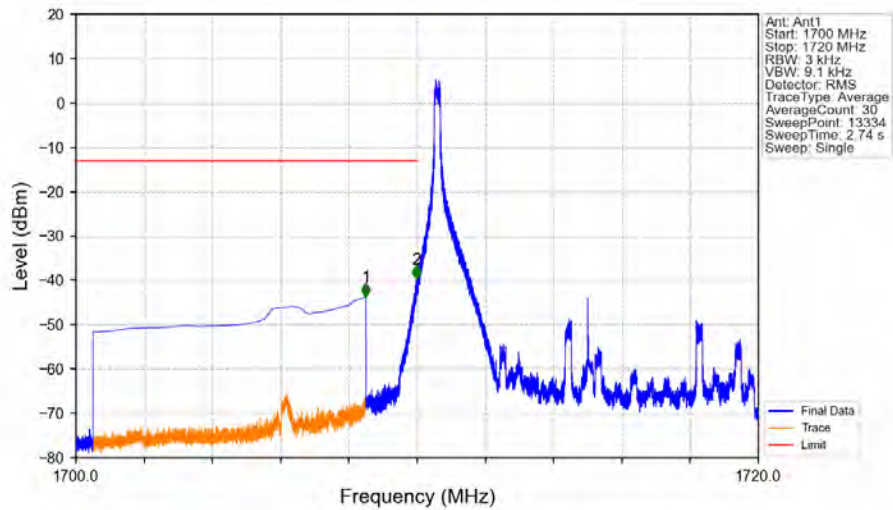
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.030	-33.78	-13	Pass
1756	1760	1	CHP	2	1756.010	-25.32	-13	Pass

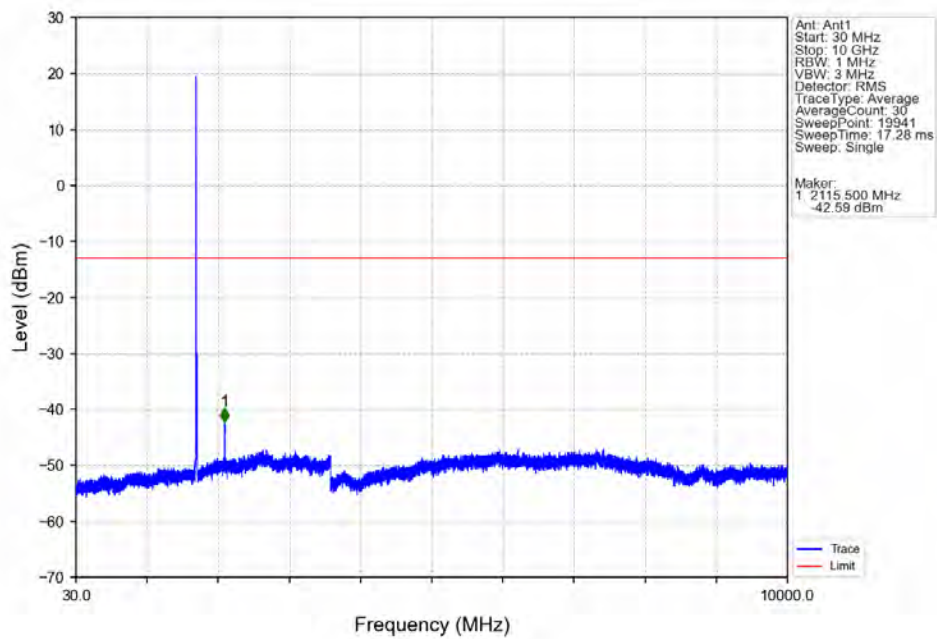
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

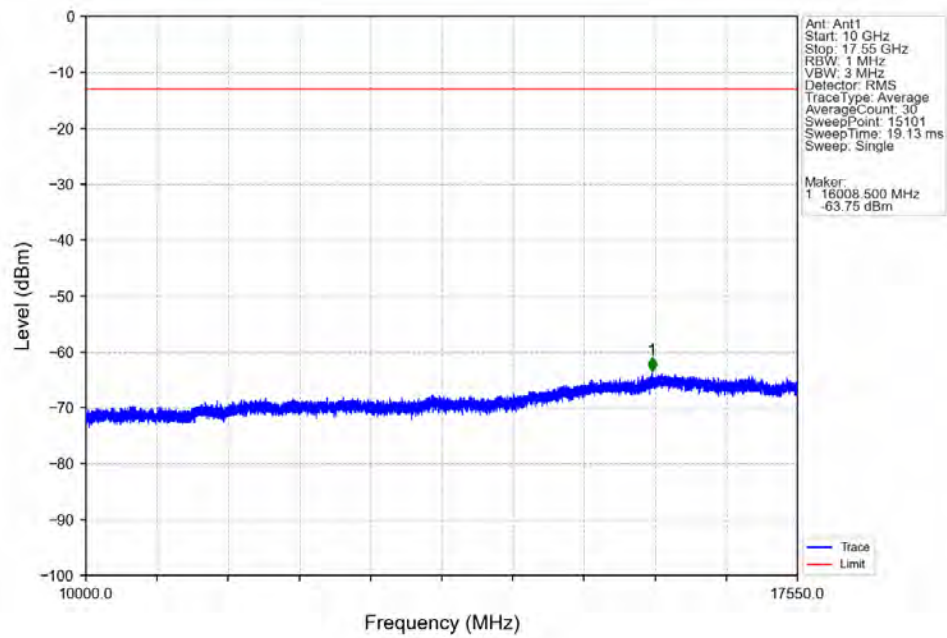


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.496	-43.72	-13	Pass
1709	1710	0.003	/	2	1709.986	-39.64	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

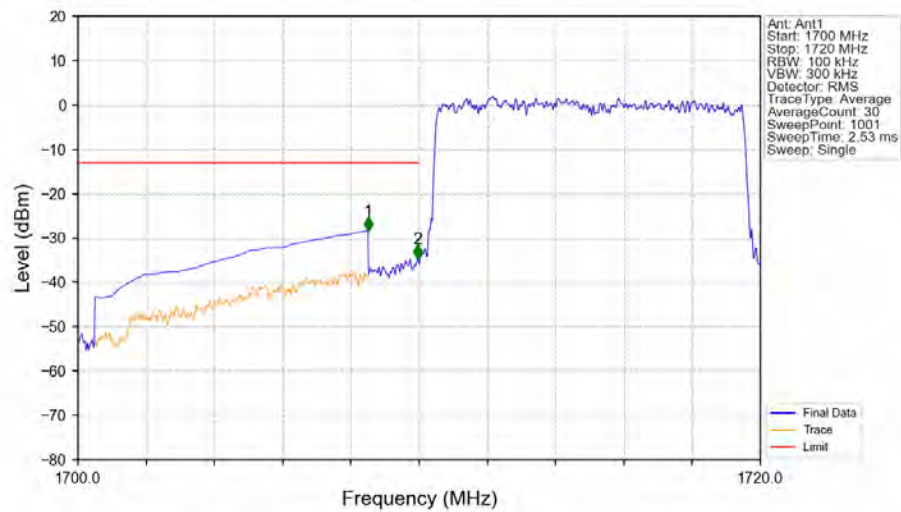
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

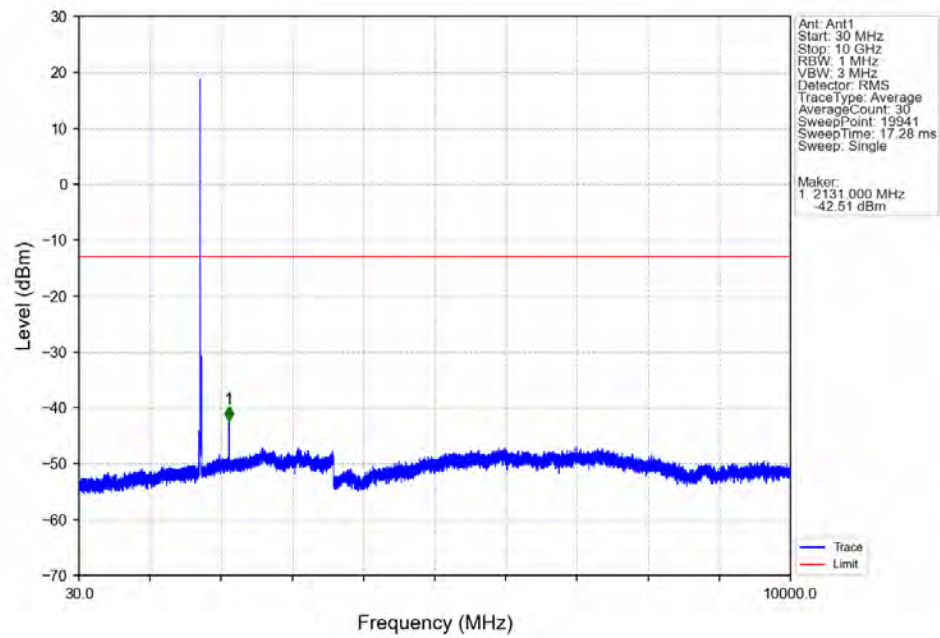


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

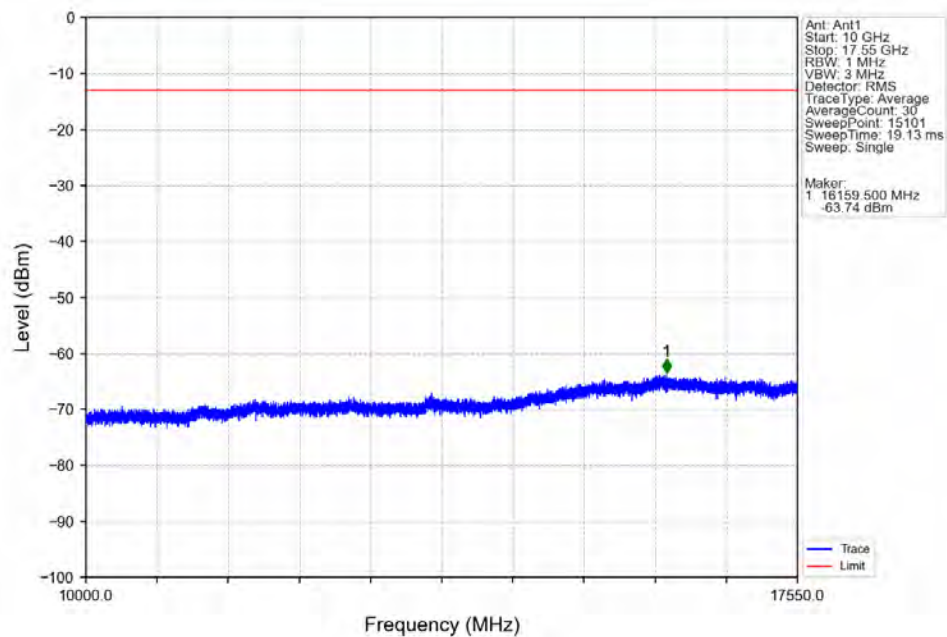


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-28.36	-13	Pass
1709	1710	0.1	/	2	1709.960	-34.53	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

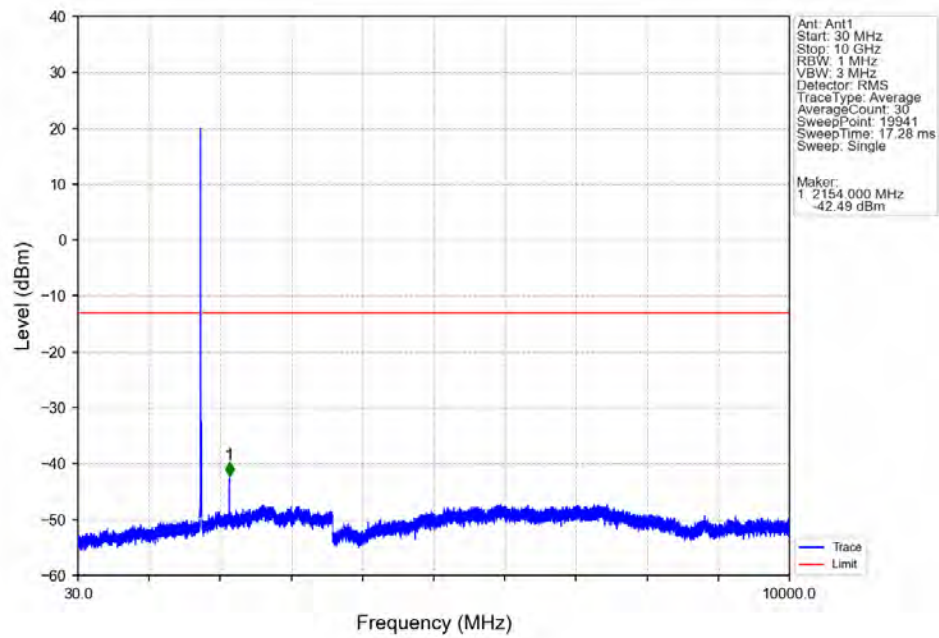
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



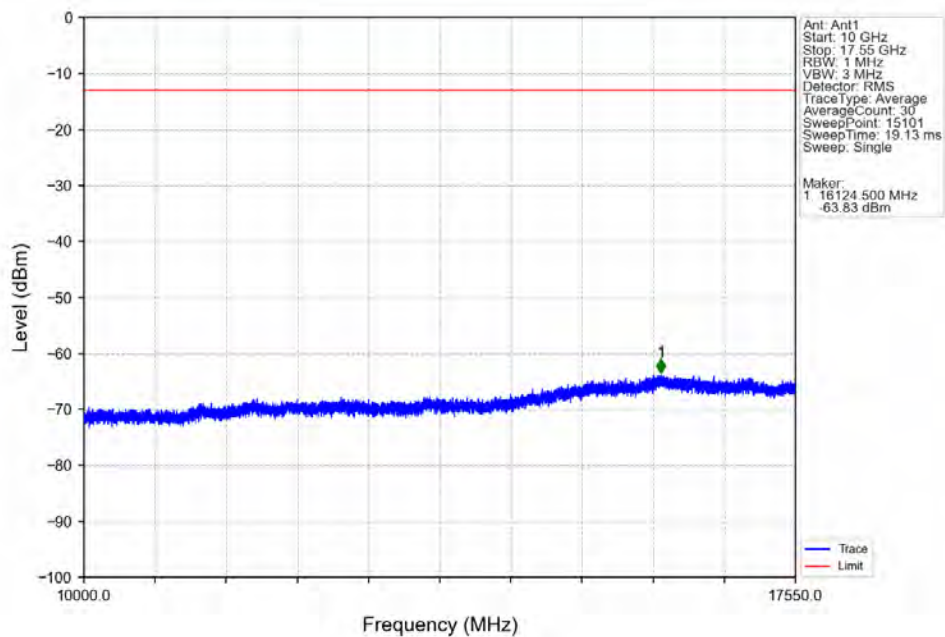
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



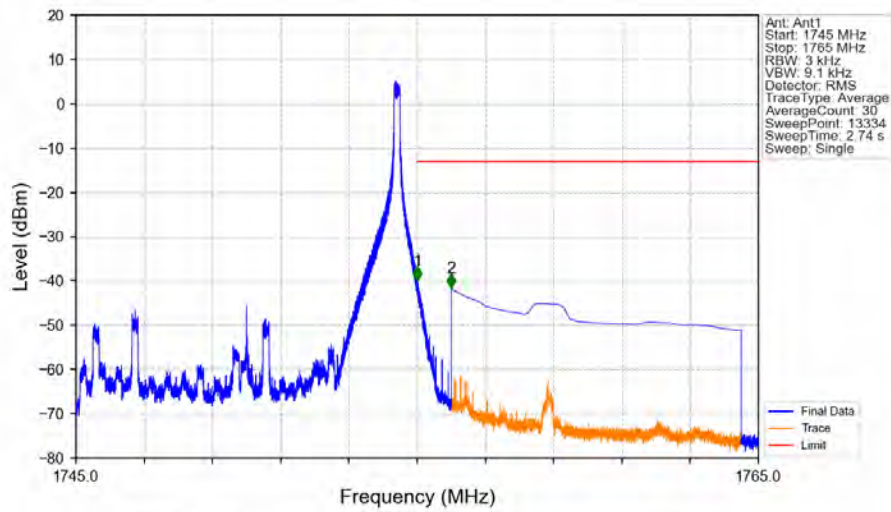
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

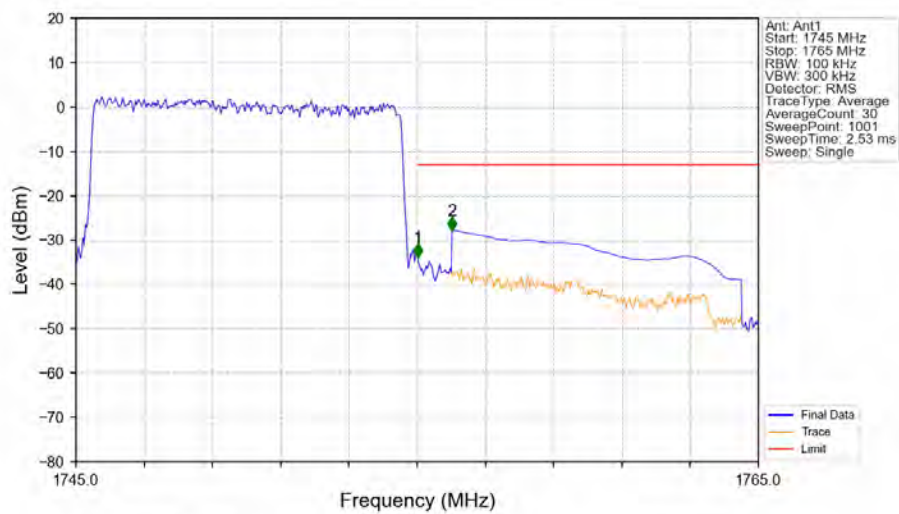


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



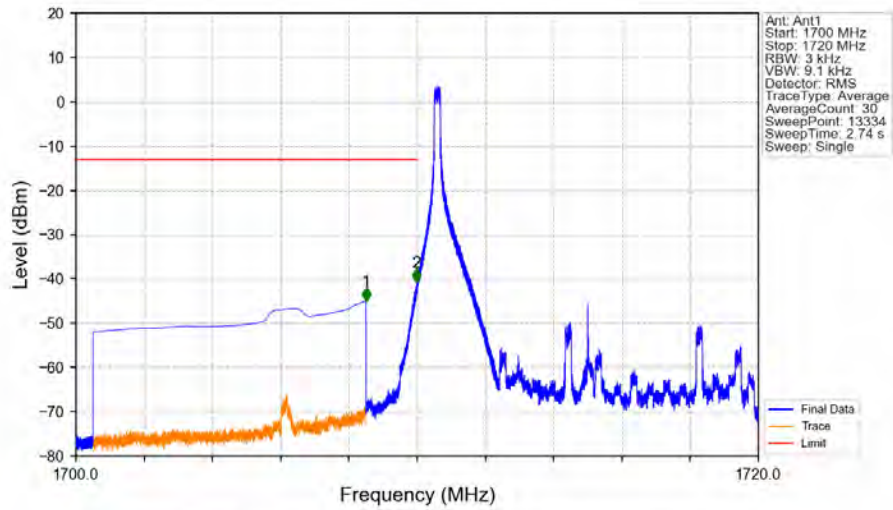
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-39.82	-13	Pass
1756	1765	1	CHP	2	1756.001	-41.58	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



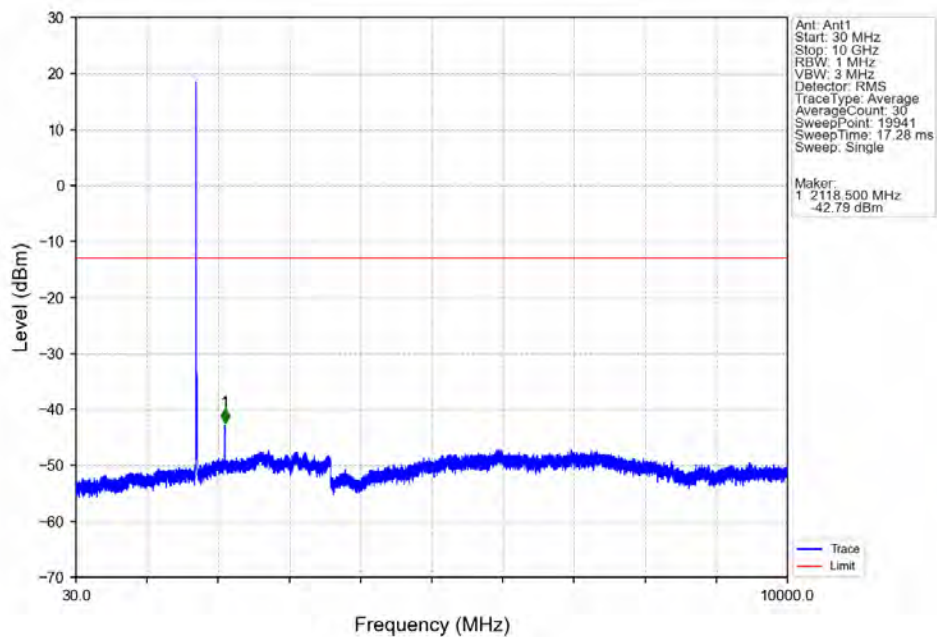
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.020	-33.82	-13	Pass
1756	1765	1	CHP	2	1756.020	-27.83	-13	Pass

Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

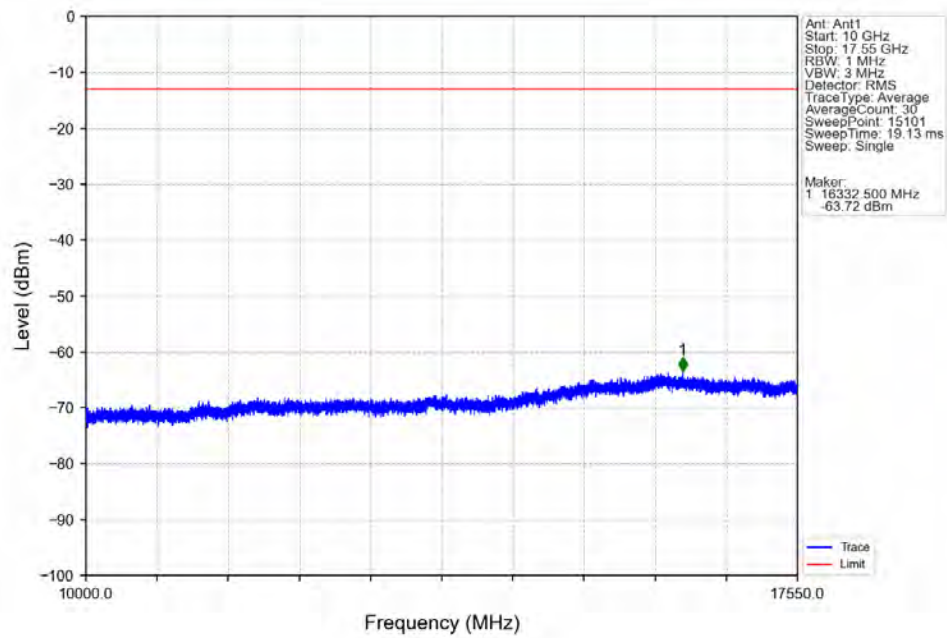


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-44.97	-13	Pass
1709	1710	0.003	/	2	1709.986	-40.79	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

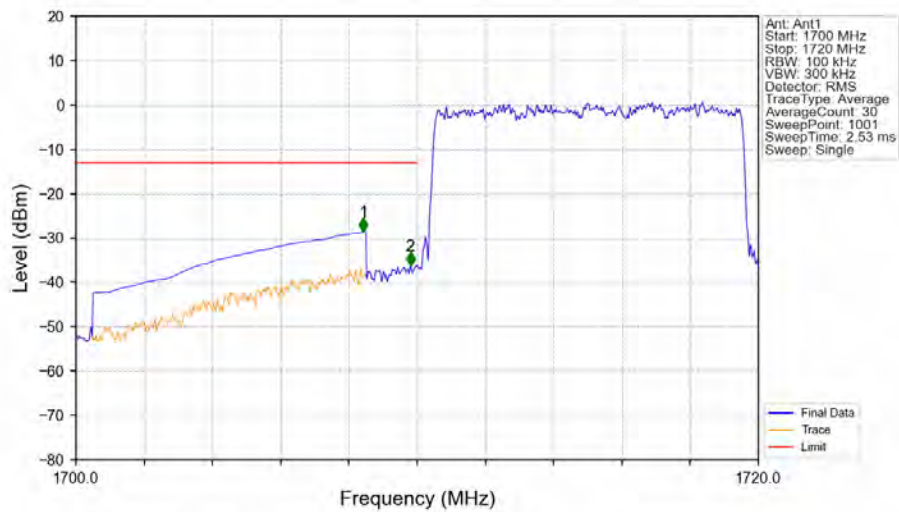
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

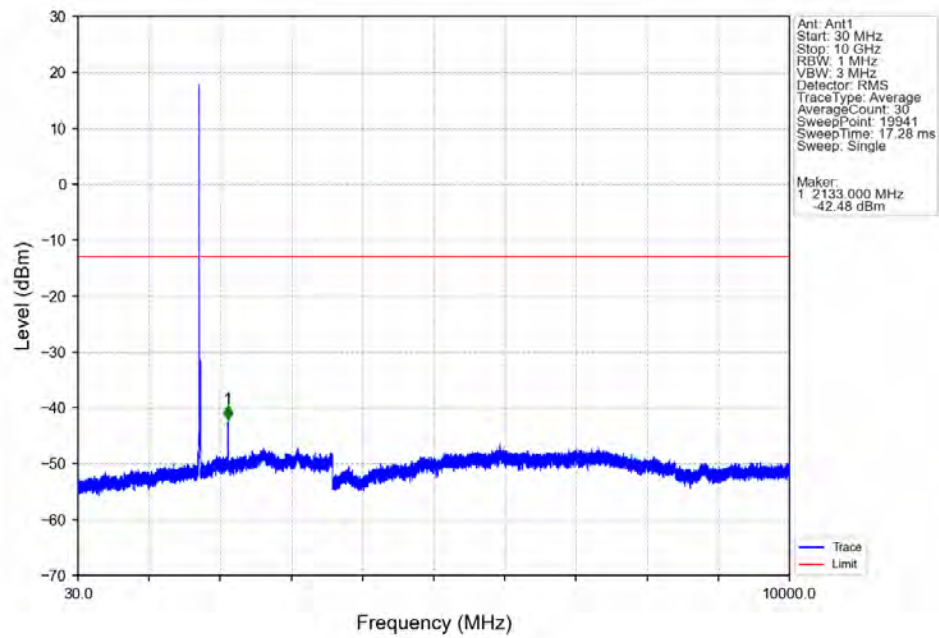


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

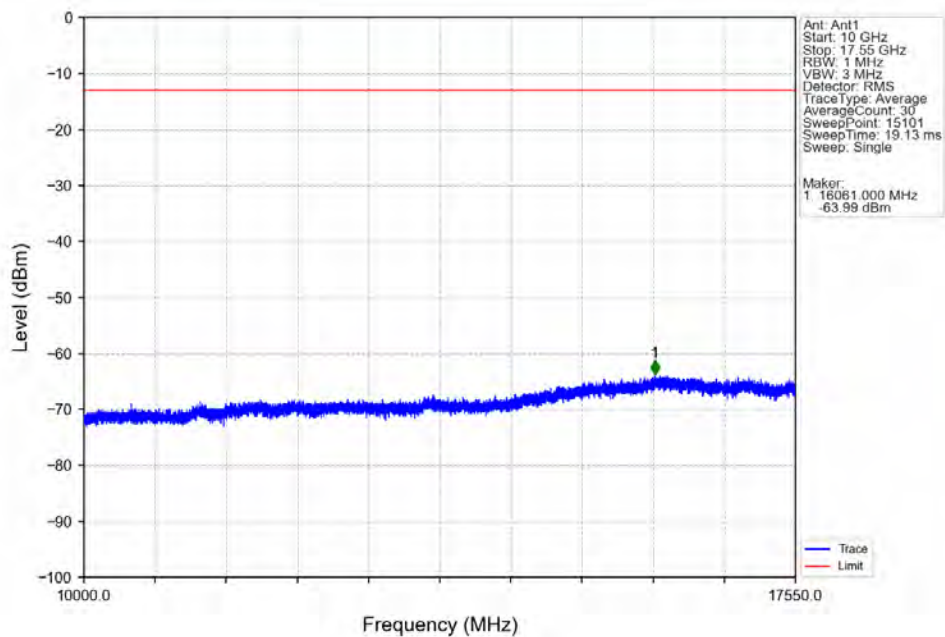


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.420	-28.64	-13	Pass
1709	1710	0.1	/	2	1709.800	-36.21	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

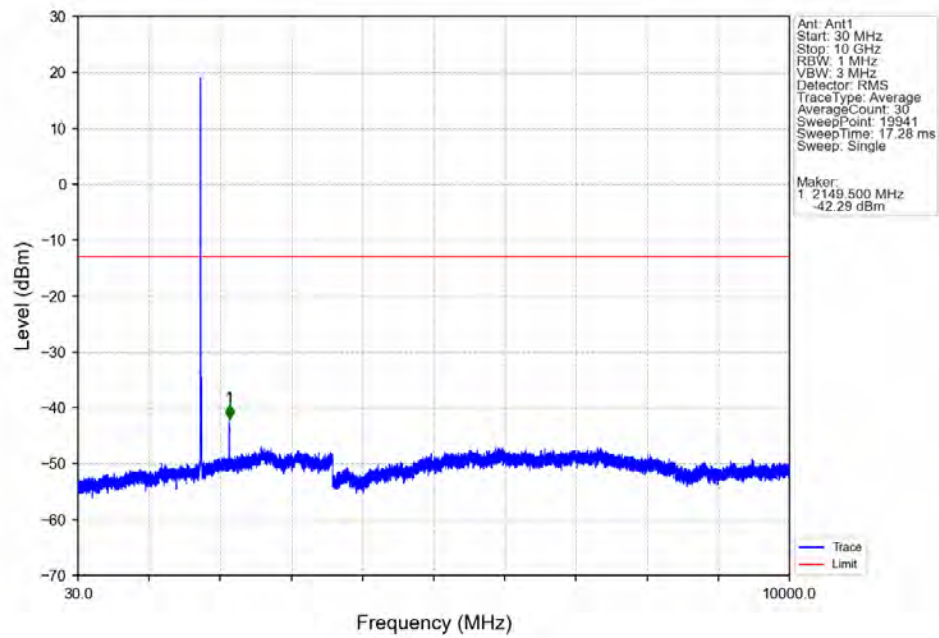
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



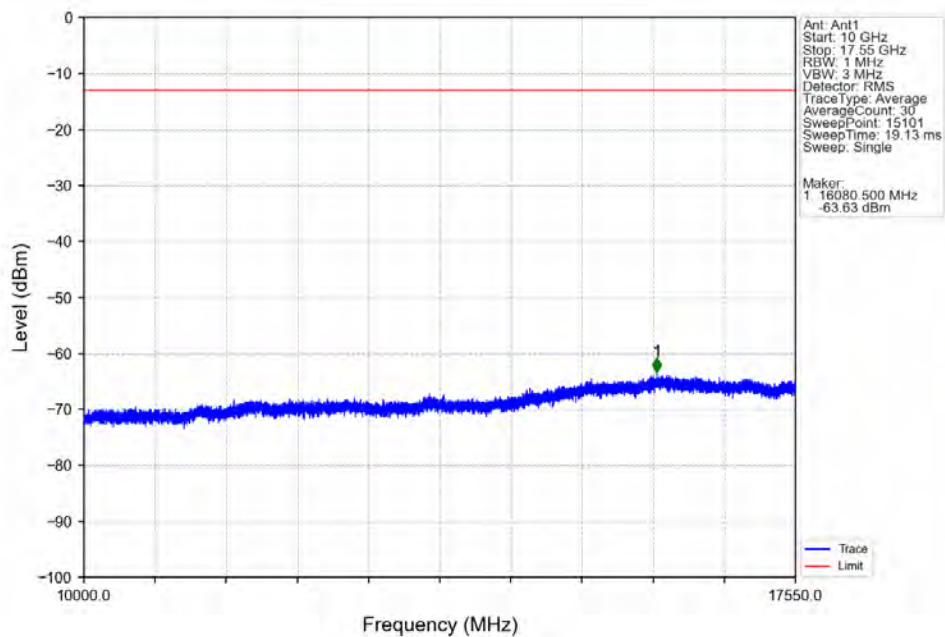
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



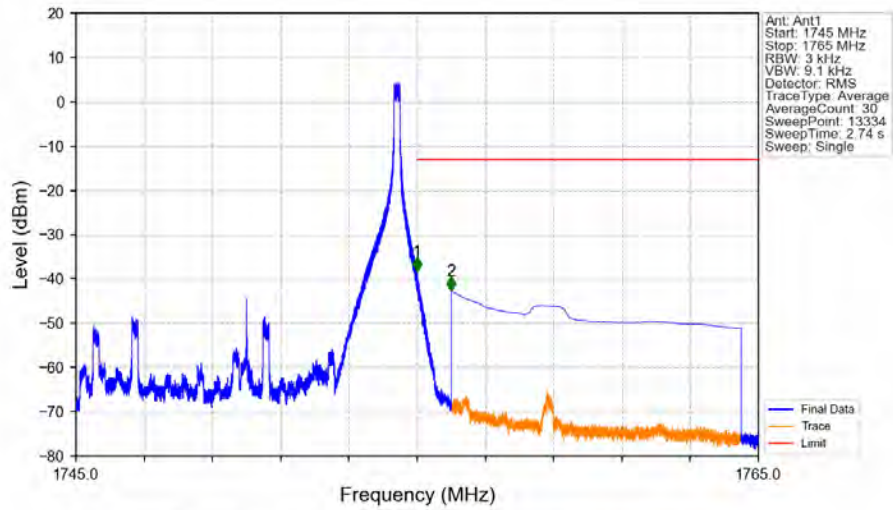
Band4 10MHz 16QAM HCH 1750MHz RB 1_0 NTNV



Band4 10MHz 16QAM HCH 1750MHz RB 1_0 NTNV

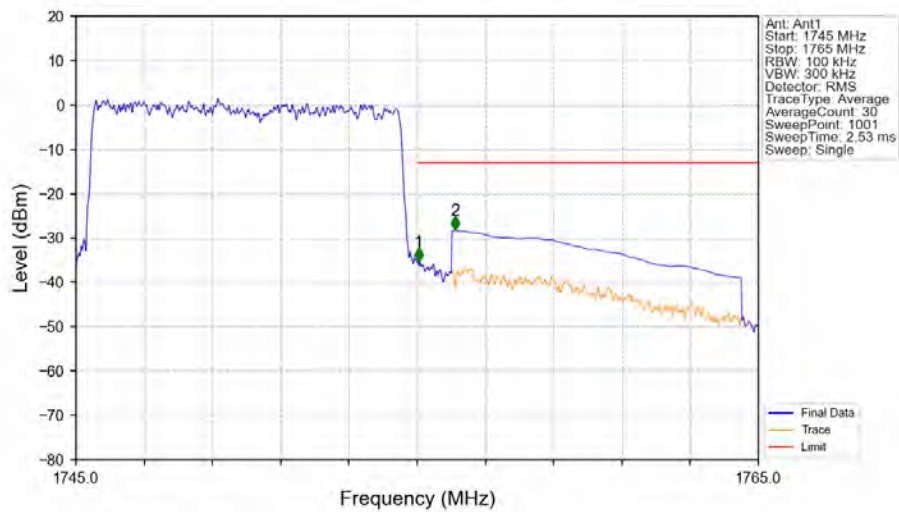


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-38.25	-13	Pass
1756	1765	1	CHP	2	1756.001	-42.52	-13	Pass

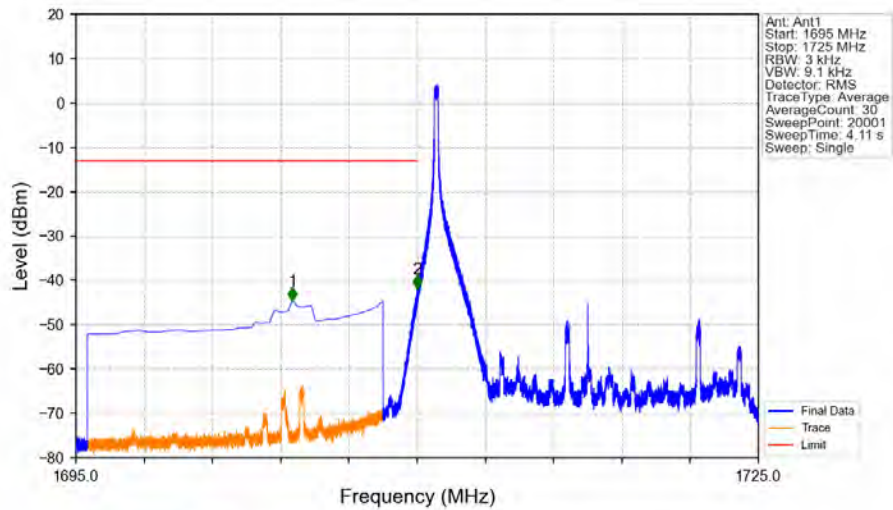
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.040	-35.34	-13	Pass
1756	1765	1	CHP	2	1756.120	-28.30	-13	Pass

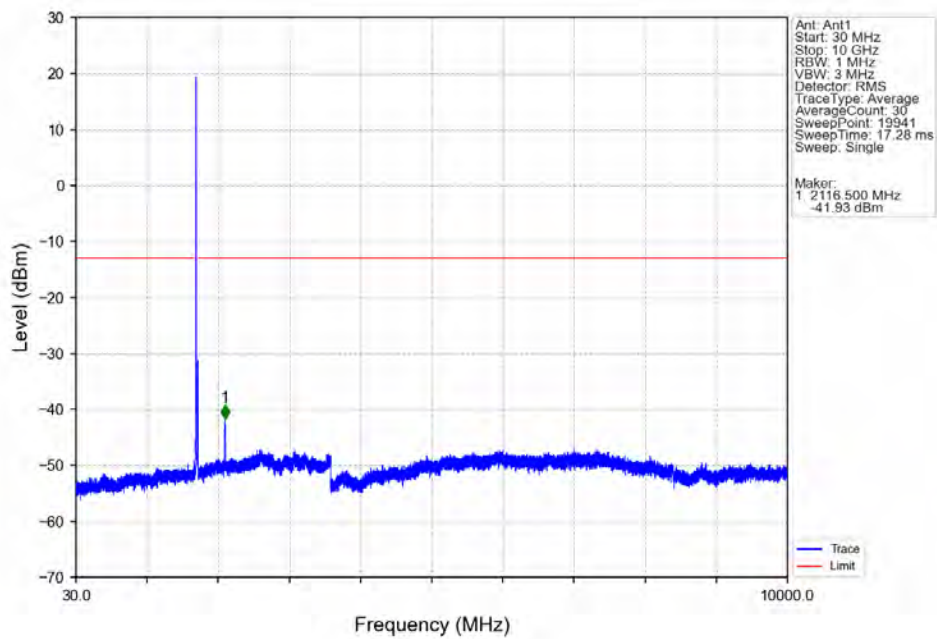
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

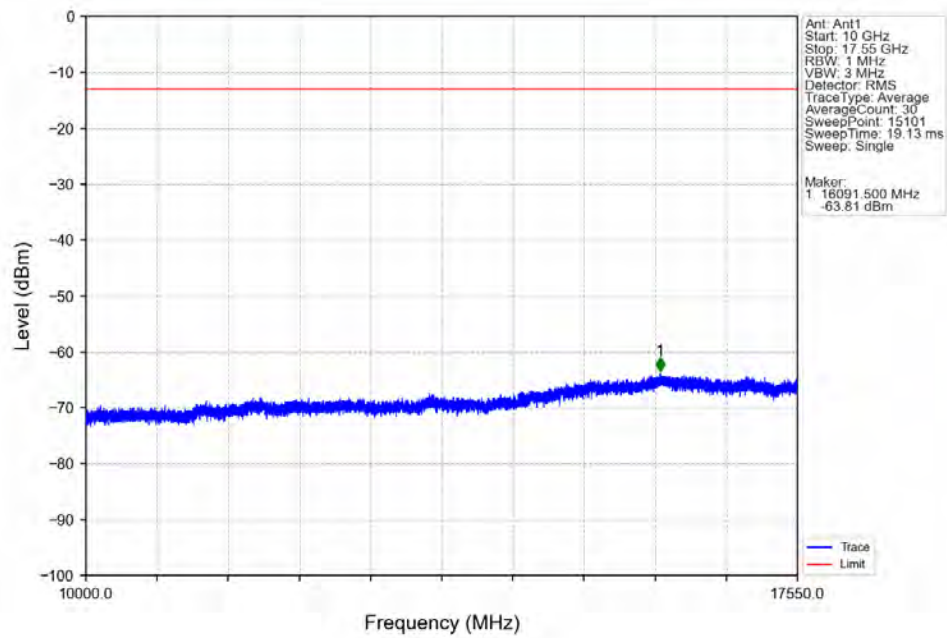


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.513	-44.57	-13	Pass
1709	1710	0.003	/	2	1709.998	-41.86	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

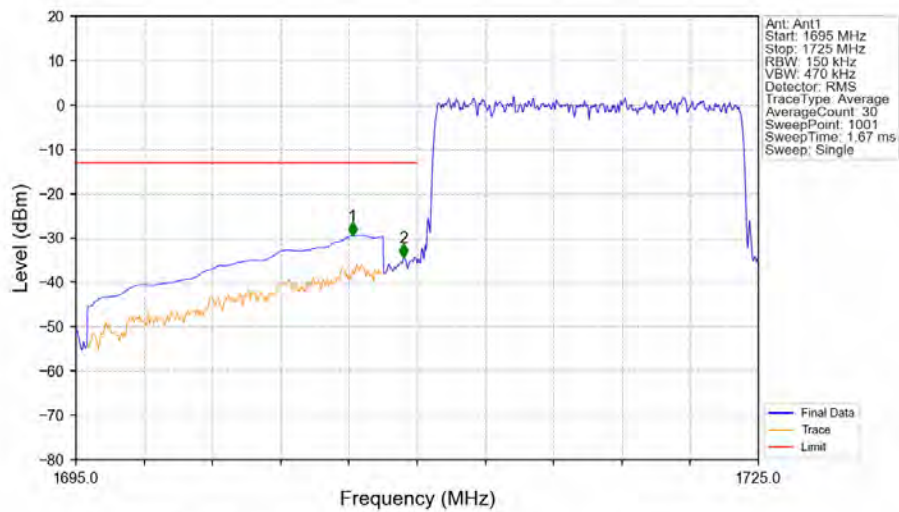
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

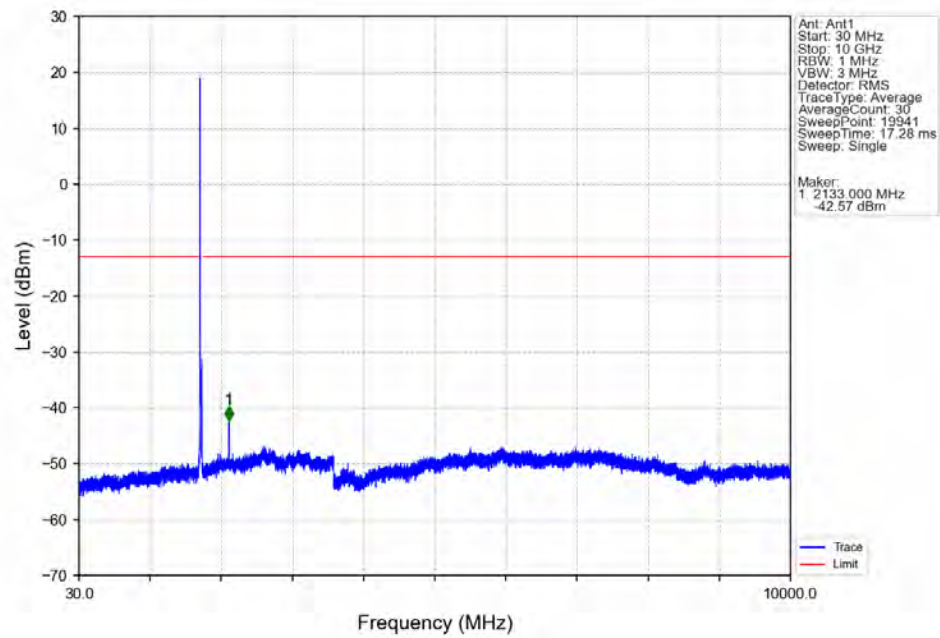


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

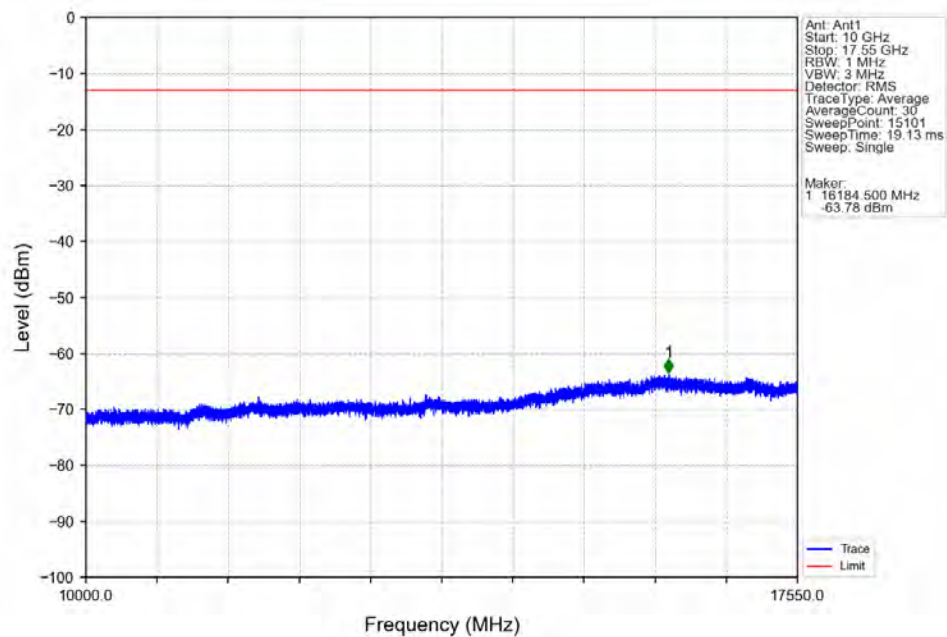


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.150	-29.45	-13	Pass
1709	1710	0.15	/	2	1709.400	-34.34	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

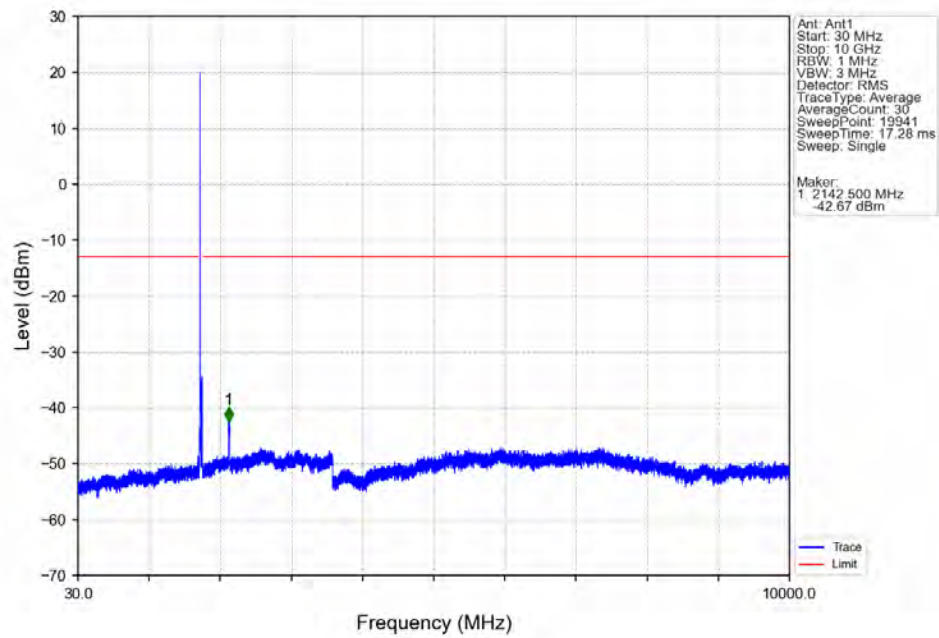
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



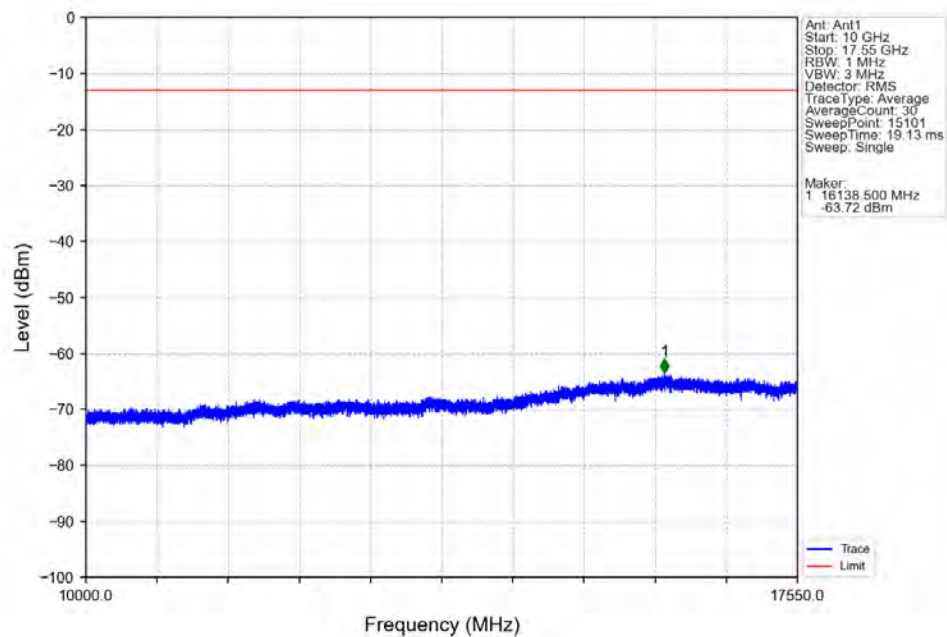
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



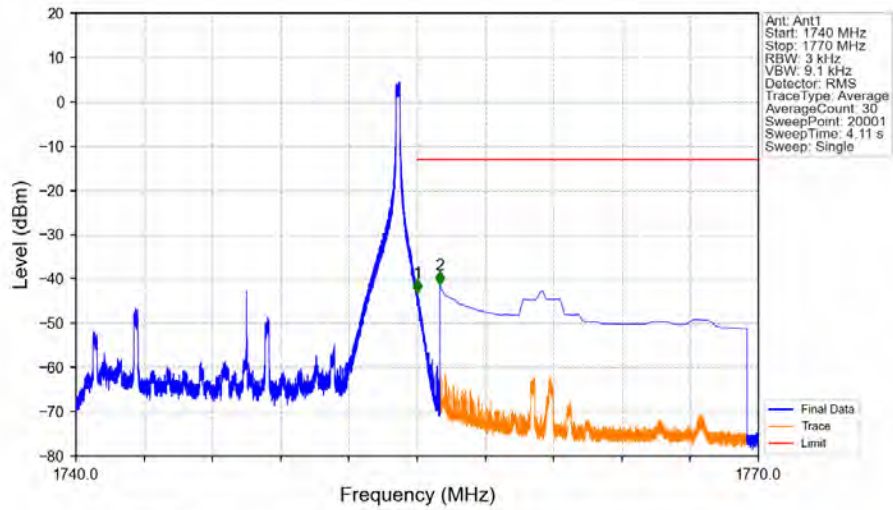
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

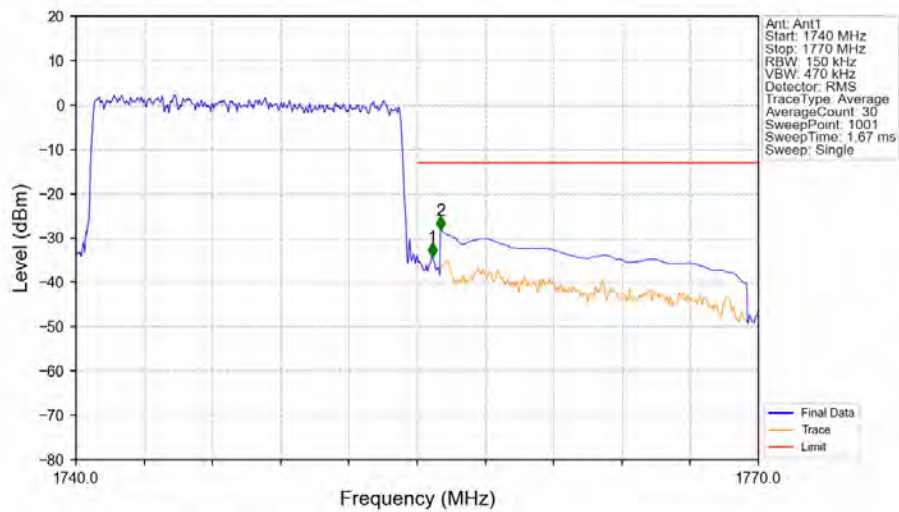


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



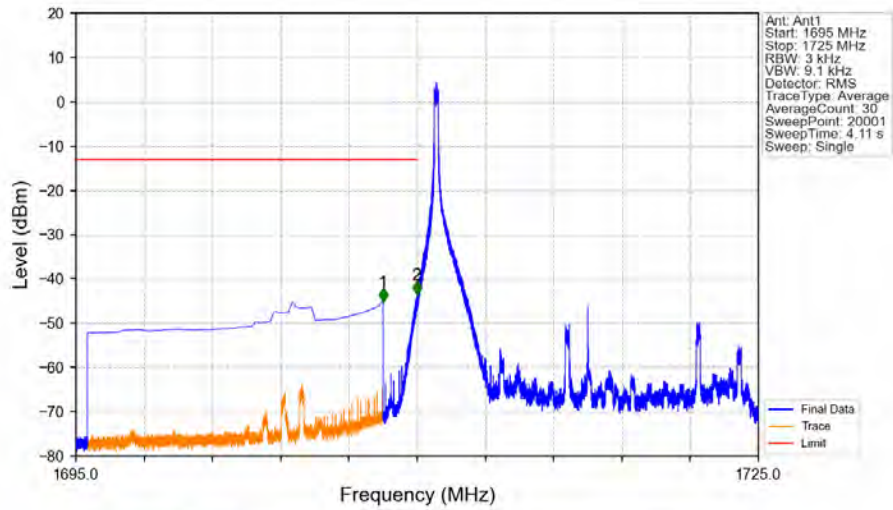
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.016	-43.11	-13	Pass
1756	1770	1	CHP	2	1756.001	-41.35	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



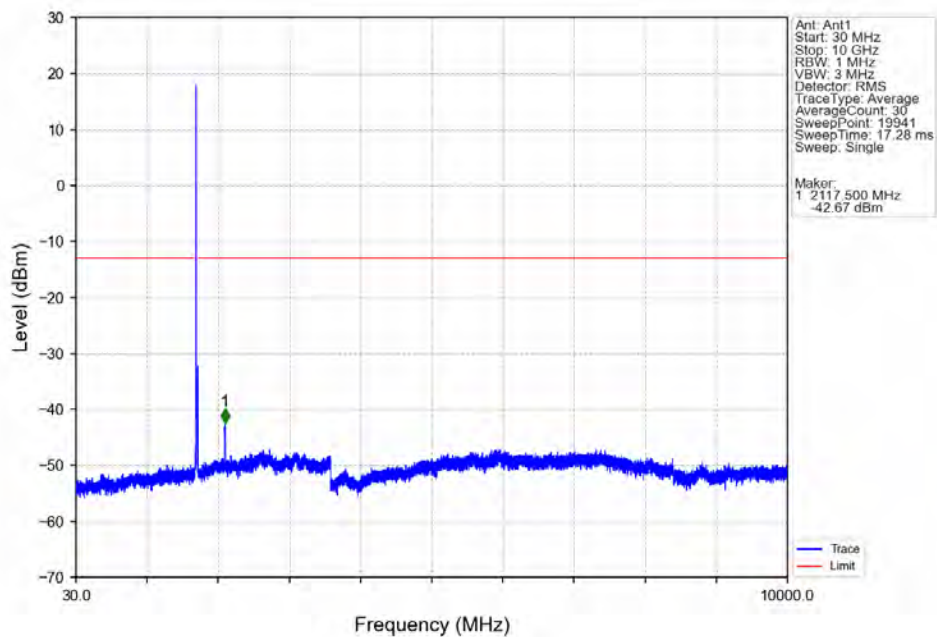
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.660	-34.19	-13	Pass
1756	1770	1	CHP	2	1756.020	-28.19	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

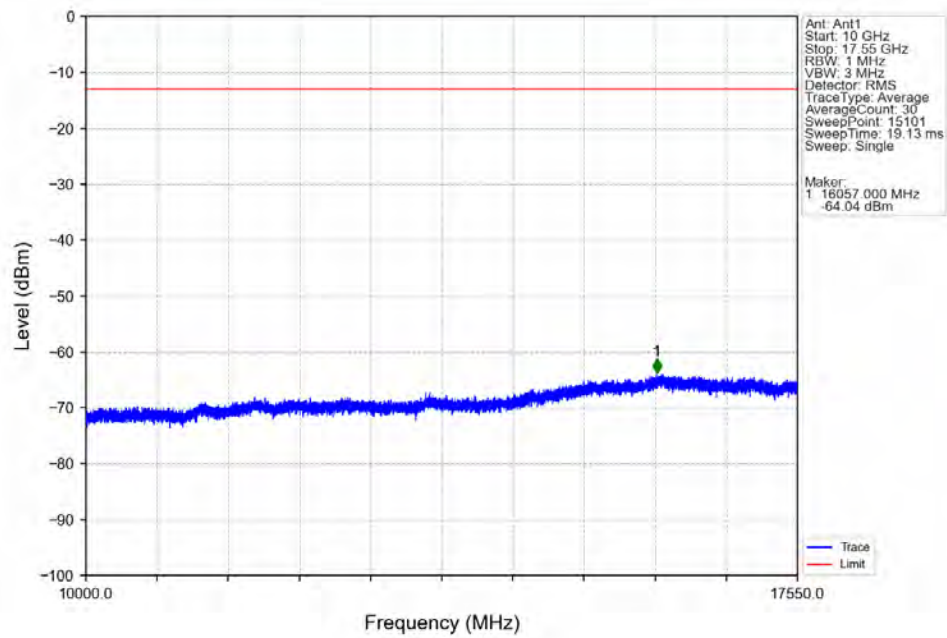


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-45.19	-13	Pass
1709	1710	0.003	/	2	1709.985	-43.54	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

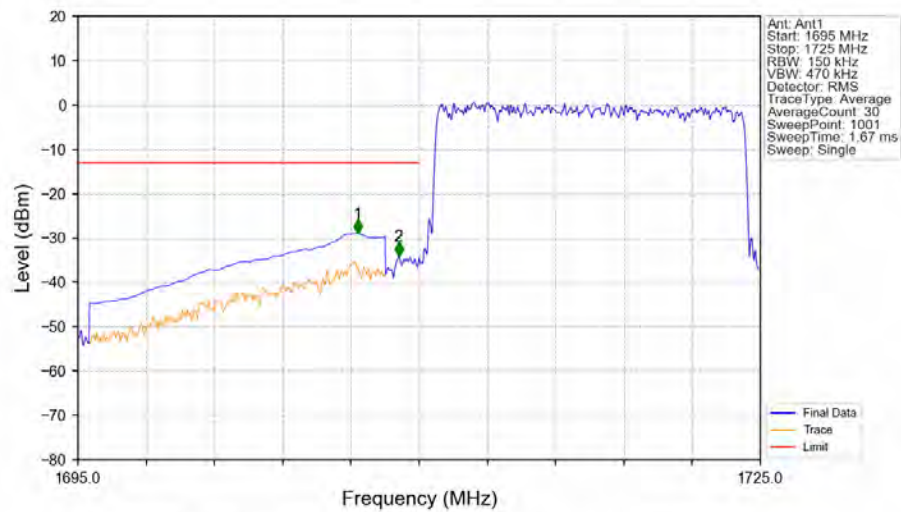
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

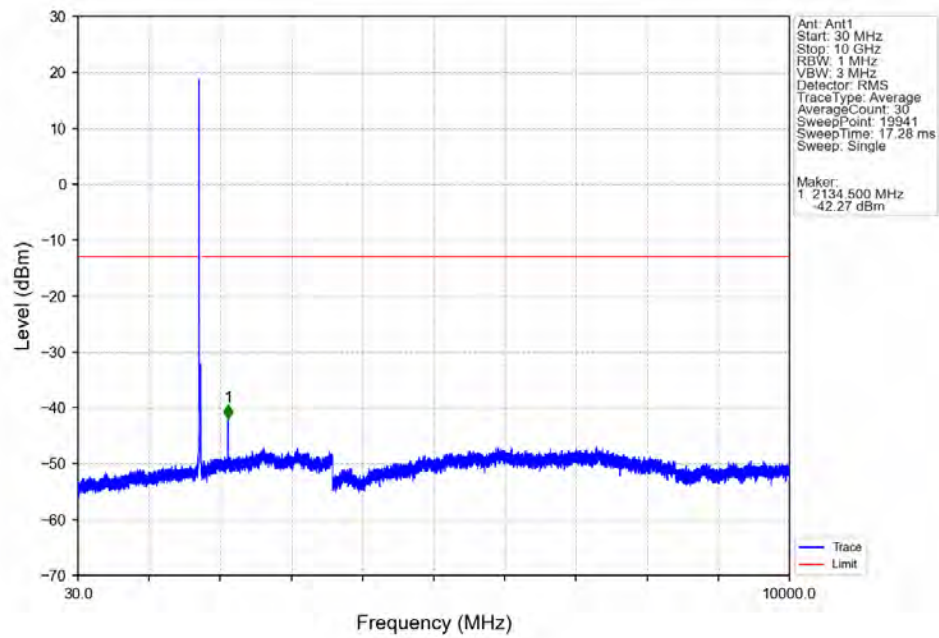


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

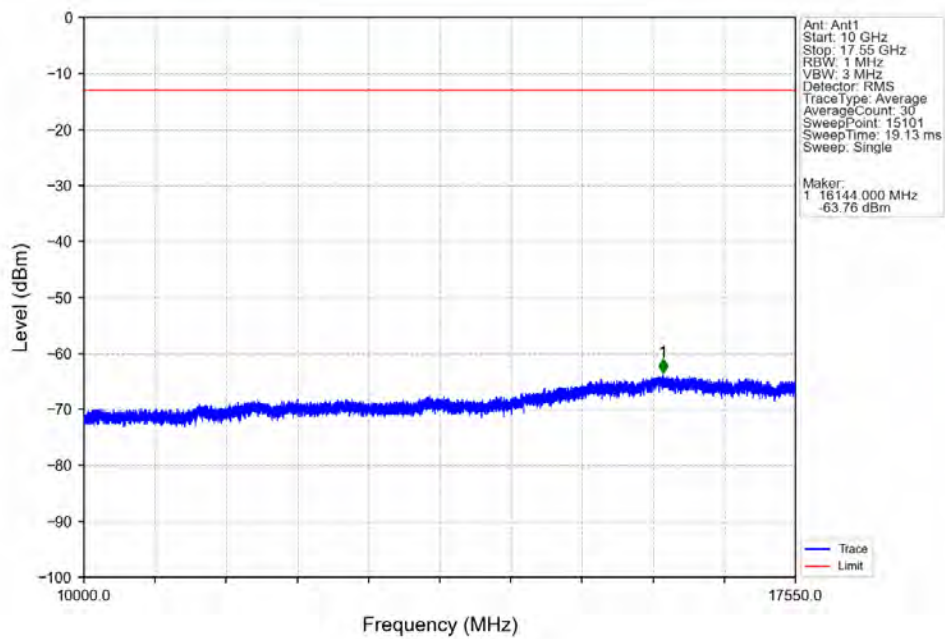


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.300	-28.96	-13	Pass
1709	1710	0.15	/	2	1709.100	-34.08	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

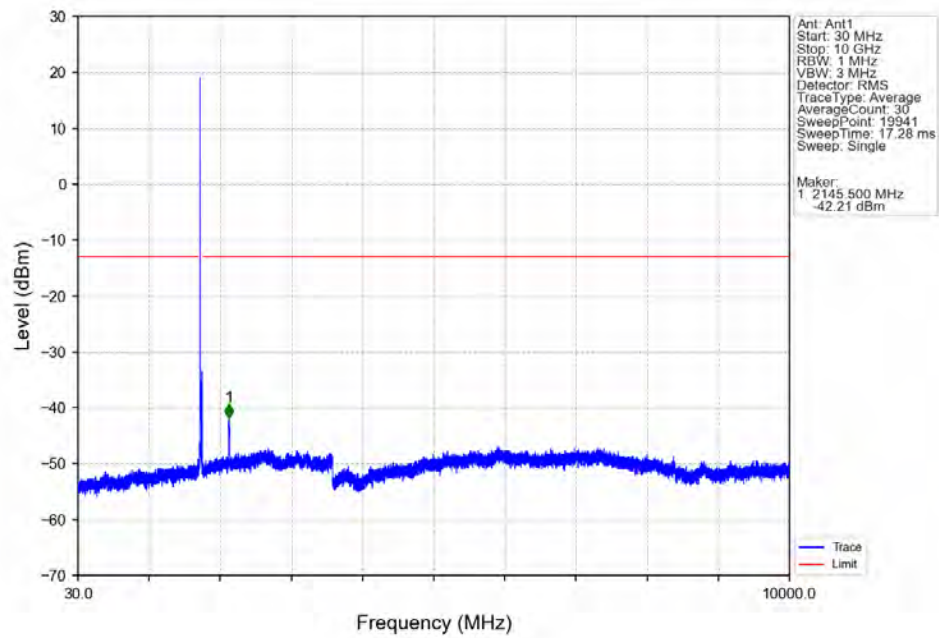
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



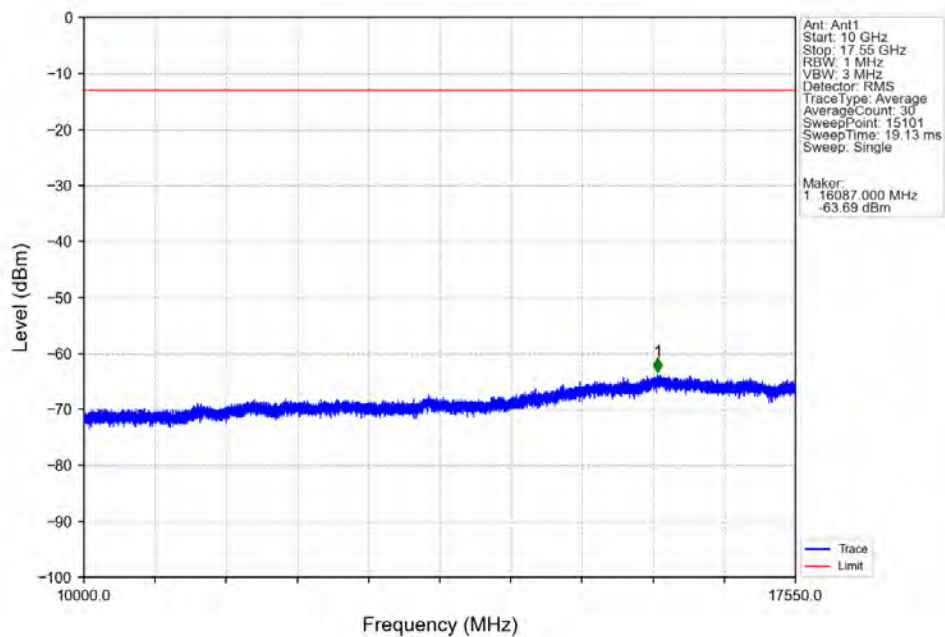
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



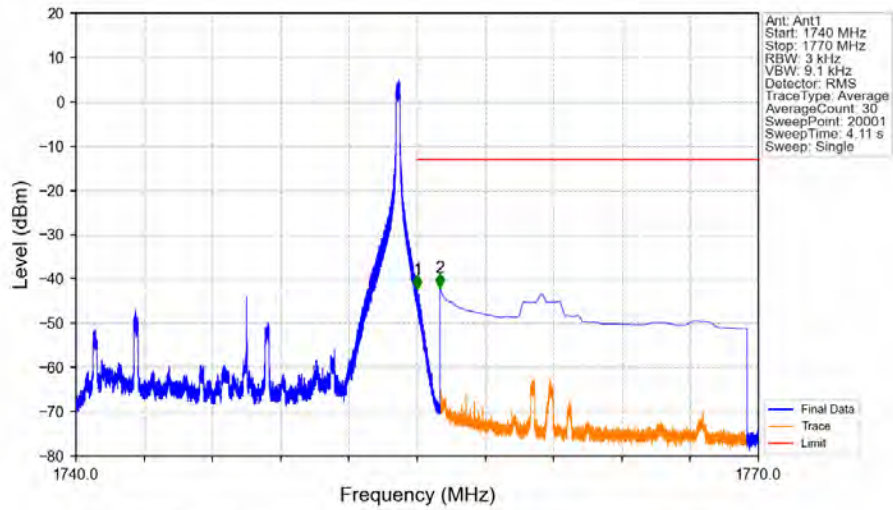
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

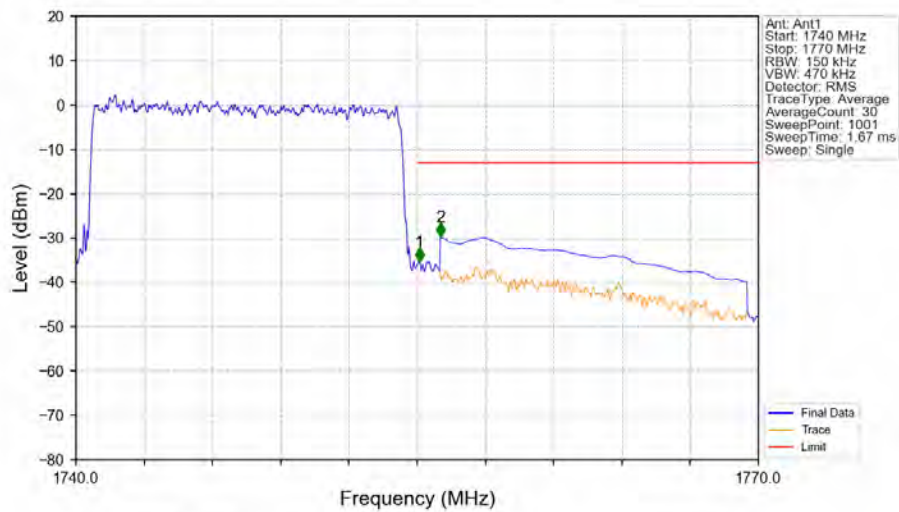


Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTN



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	1755.014	-42.17	-13	Pass
1756	1770	1	CHP	2	1756.001	-41.96	-13	Pass

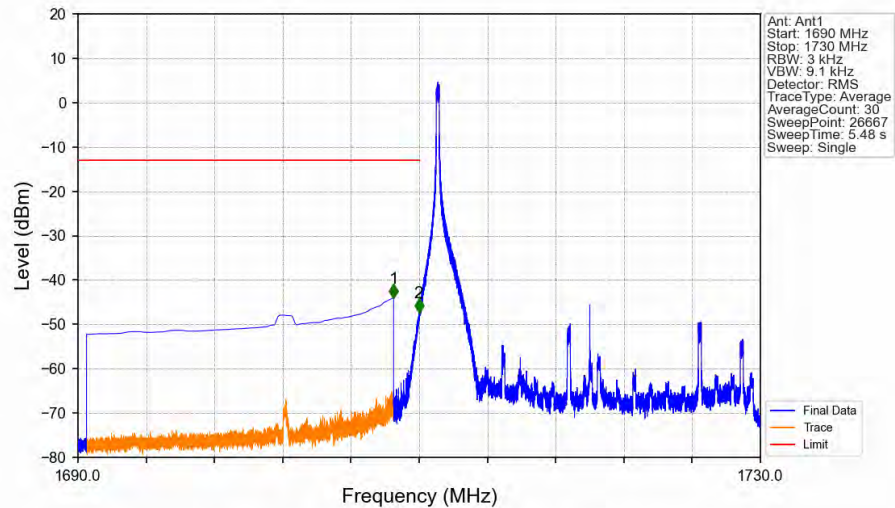
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.090	-35.29	-13	Pass
1756	1770	1	CHP	2	1756.020	-29.70	-13	Pass

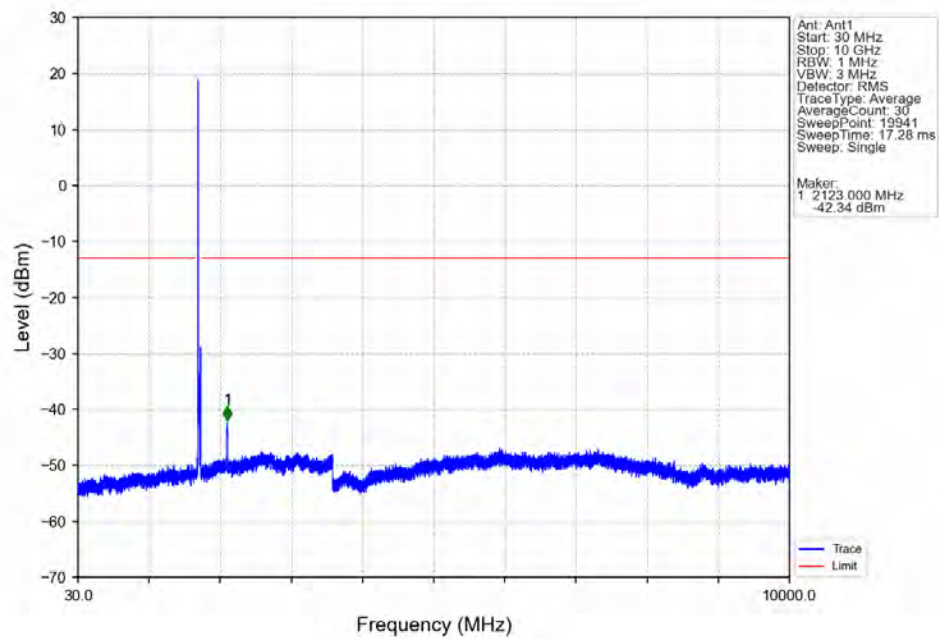
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

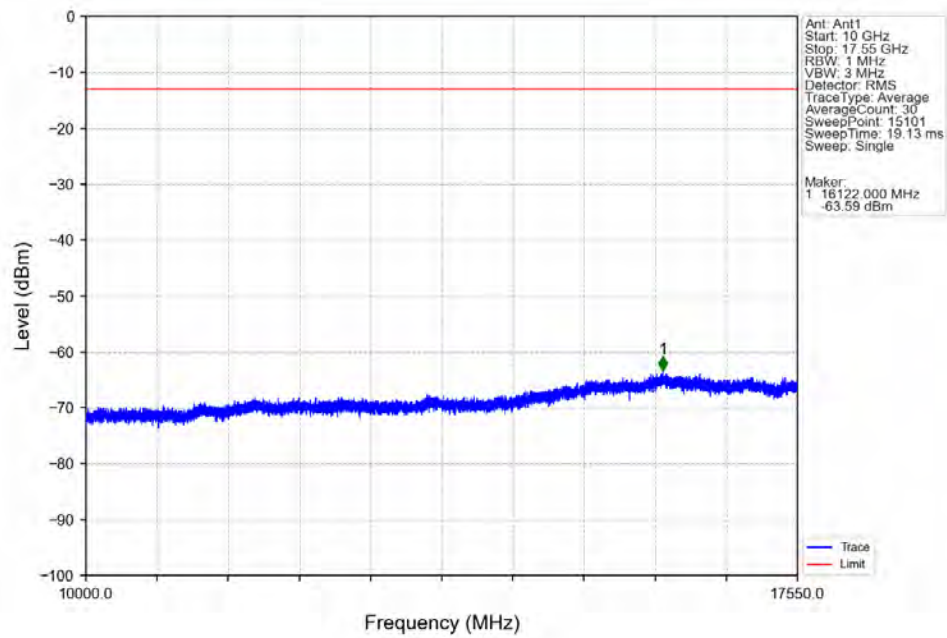


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.498	-43.98	-13	Pass
1709	1710	0.003	/	2	1709.984	-47.33	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

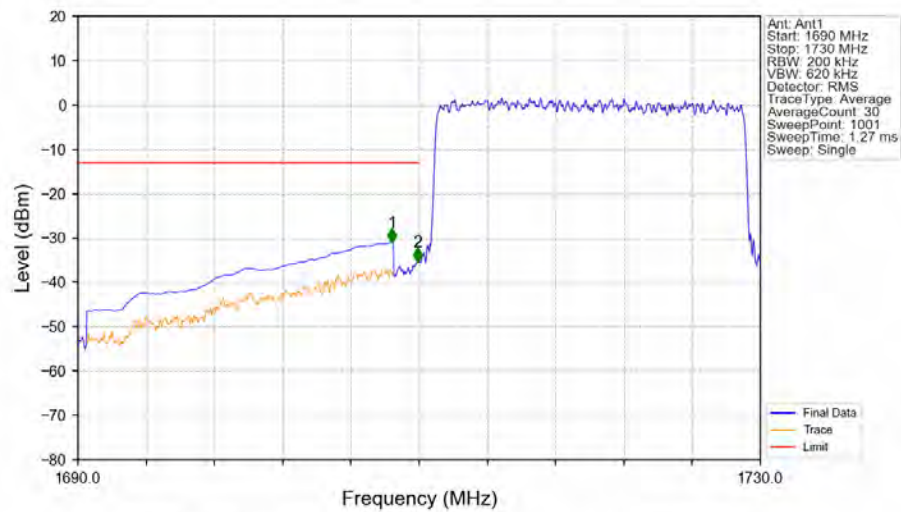
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

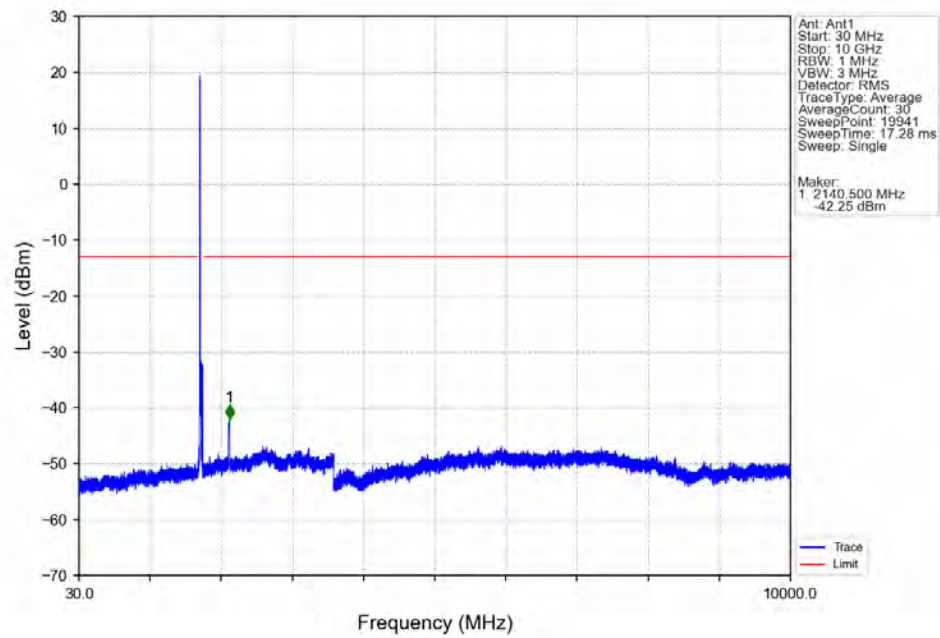


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

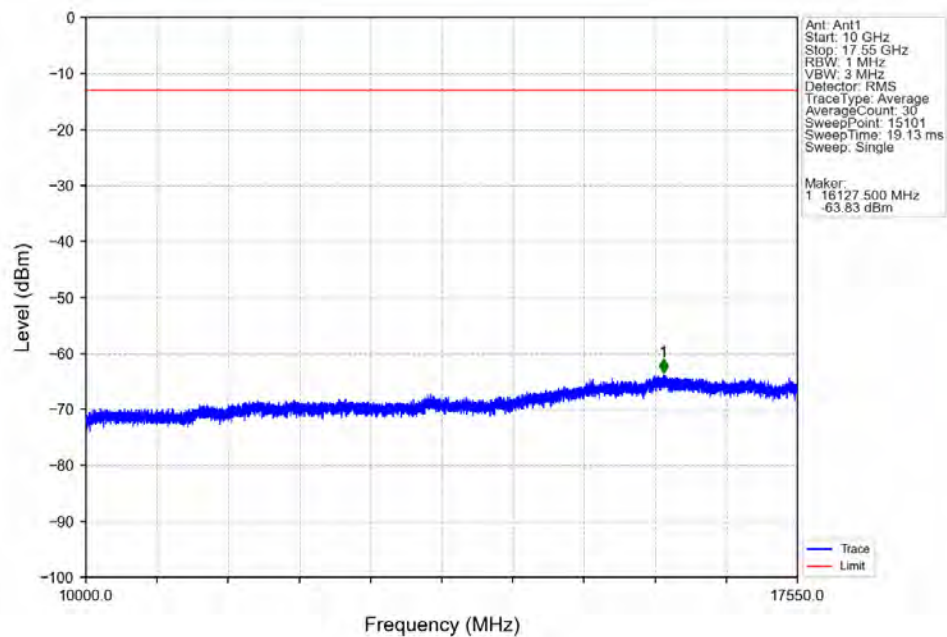


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-30.98	-13	Pass
1709	1710	0.2	/	2	1709.920	-35.33	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

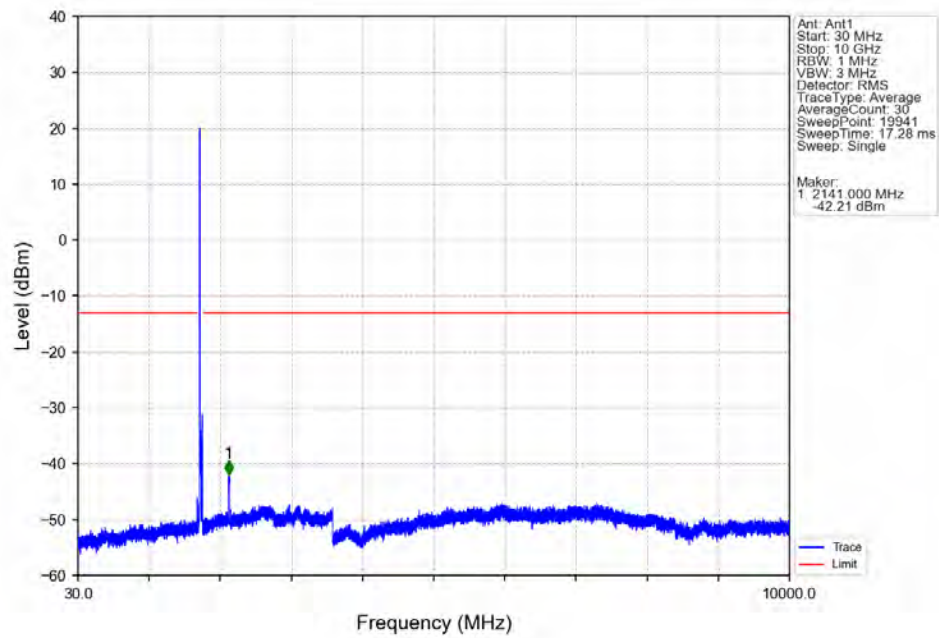
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



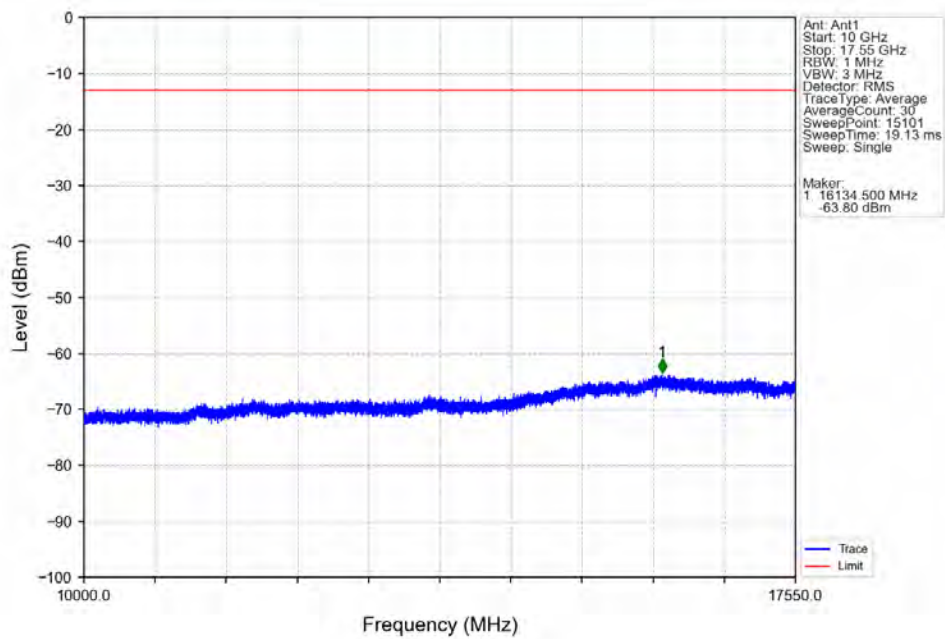
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



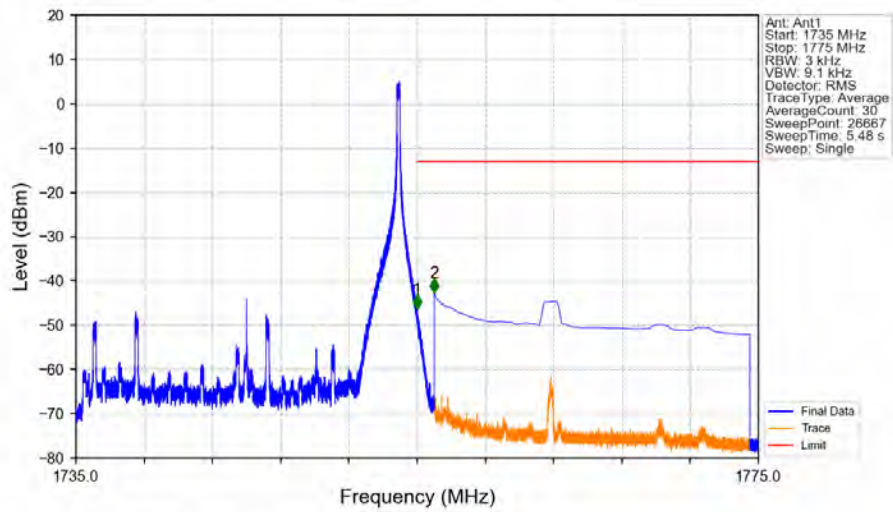
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

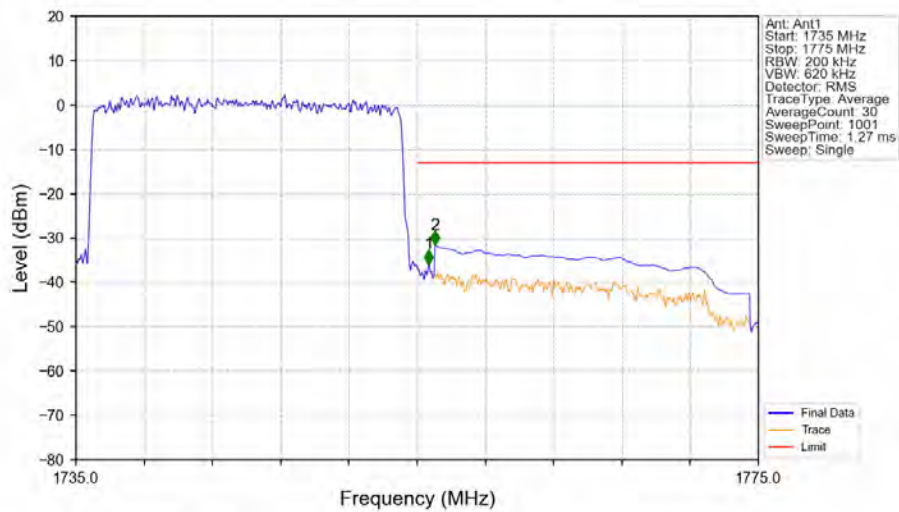


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



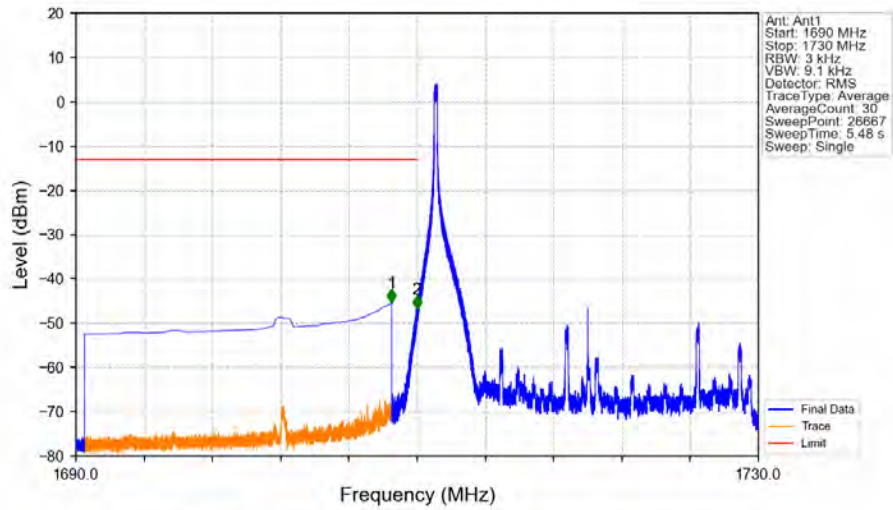
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-46.25	-13	Pass
1756	1775	1	CHP	2	1756.001	-42.66	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



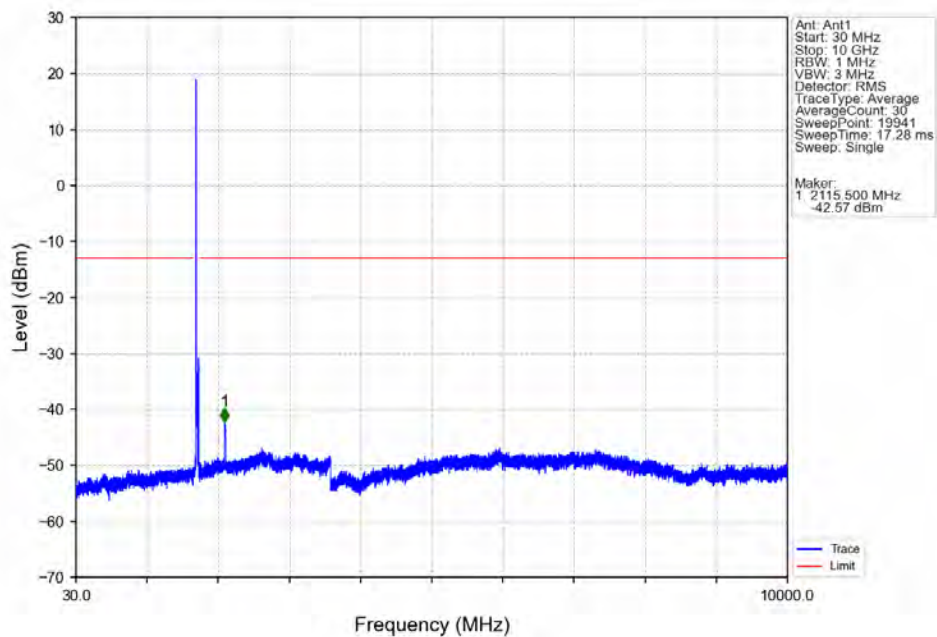
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.680	-35.77	-13	Pass
1756	1775	1	CHP	2	1756.040	-31.56	-13	Pass

Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

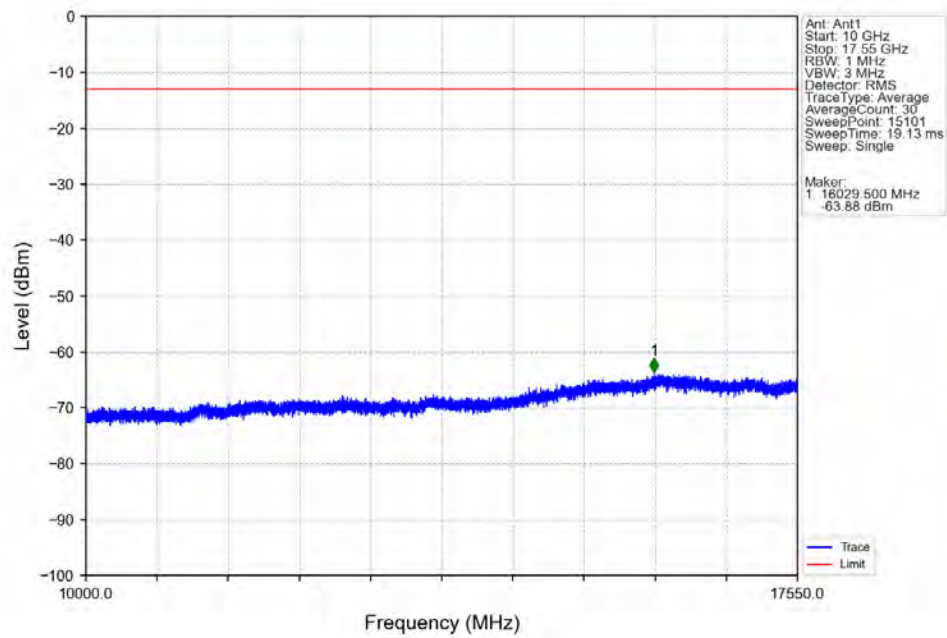


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-45.42	-13	Pass
1709	1710	0.003	/	2	1709.982	-46.79	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

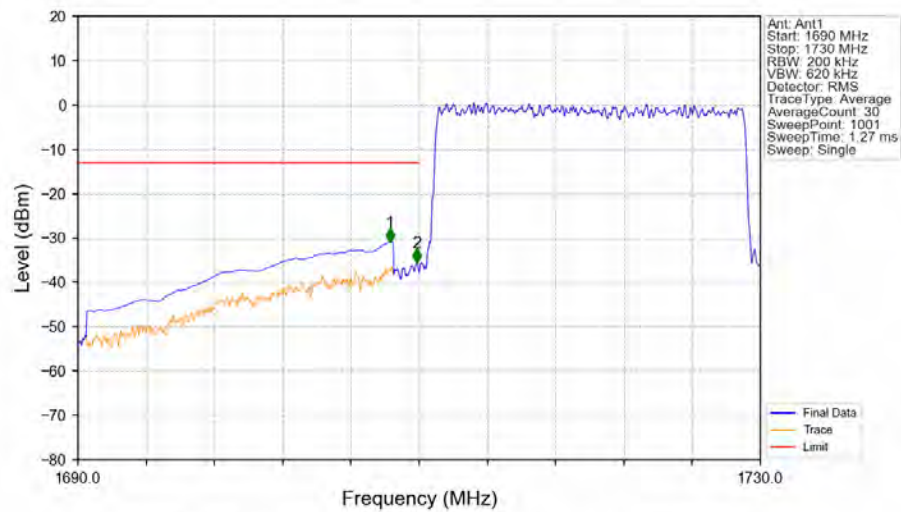
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

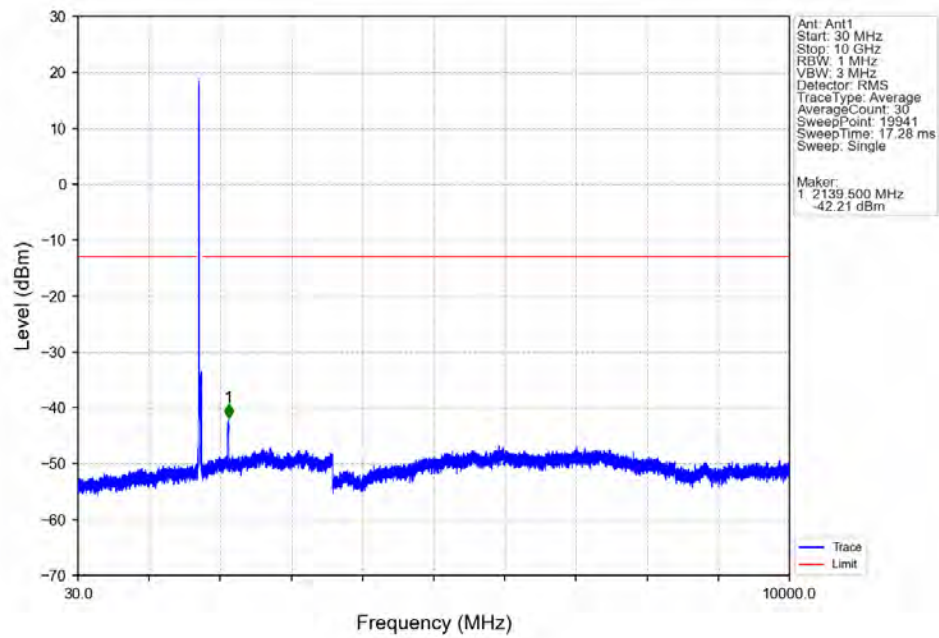


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

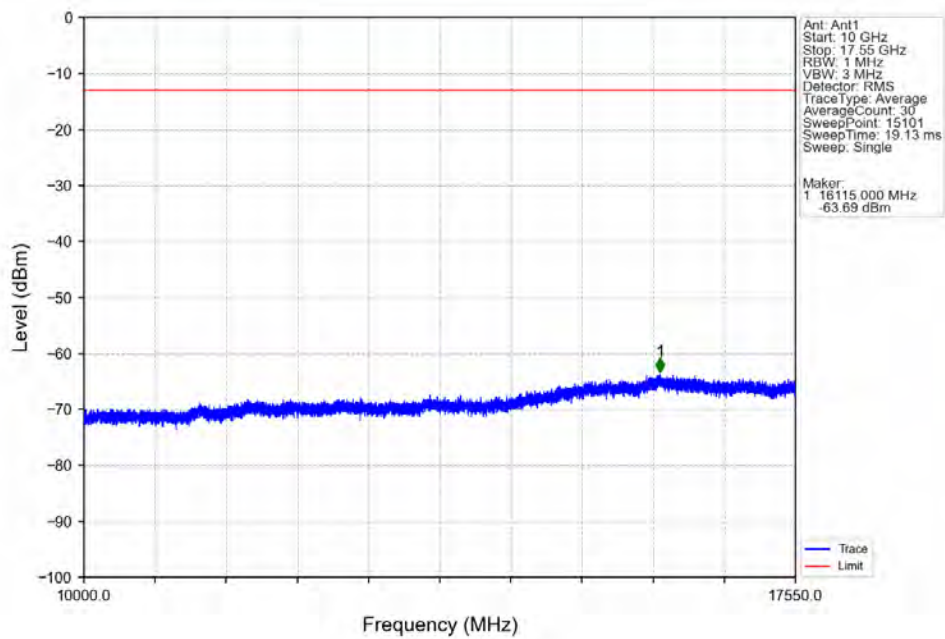


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.280	-30.89	-13	Pass
1709	1710	0.2	/	2	1709.880	-35.55	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

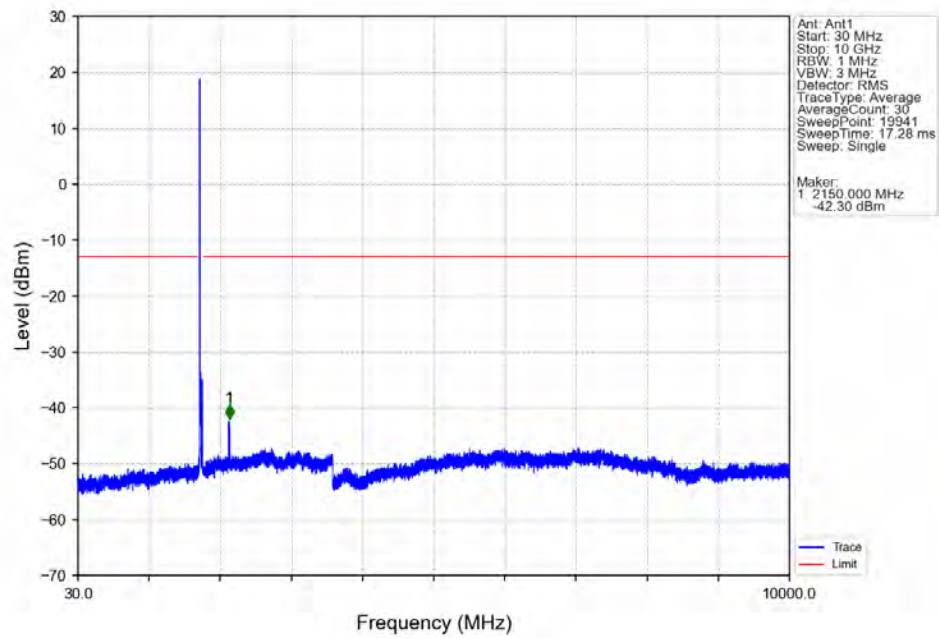
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



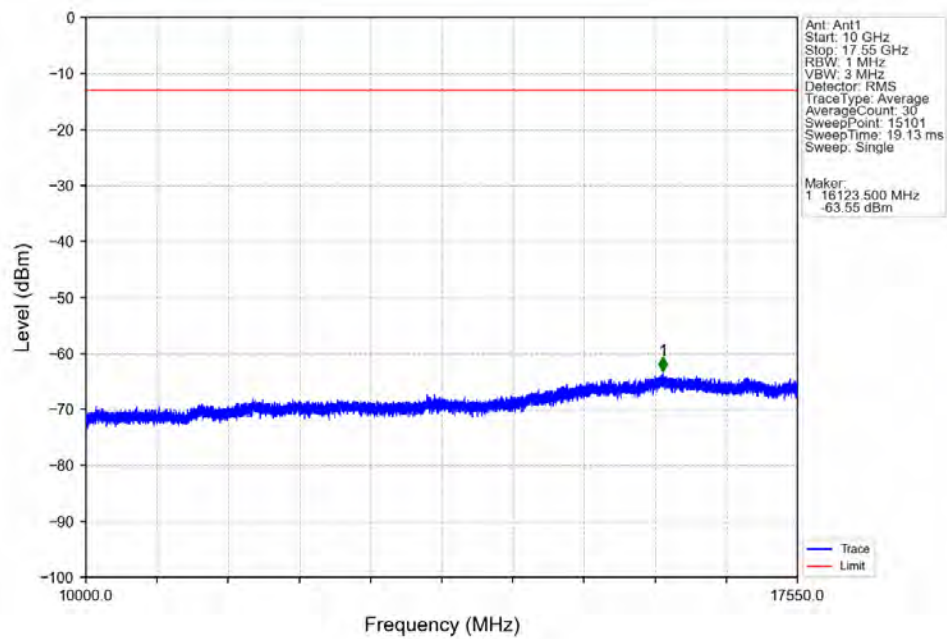
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



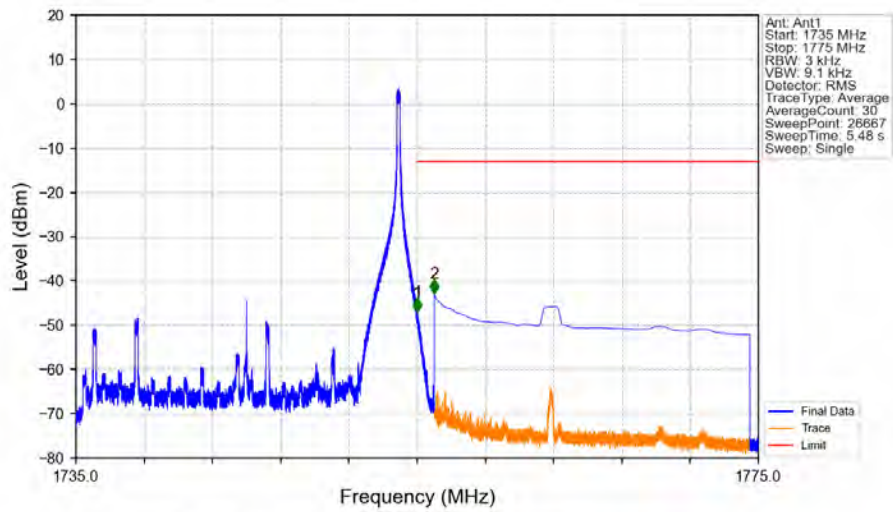
Band4 20MHz 16QAM HCH 1745MHz RB 1_0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 1_0 NTNV

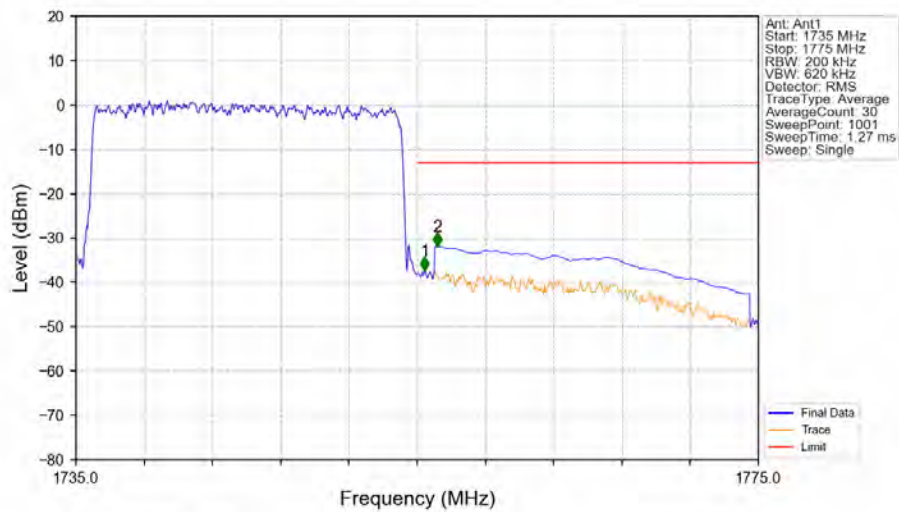


Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



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	1755.006	-47.01	-13	Pass
1756	1775	1	CHP	2	1756.001	-42.81	-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	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.440	-37.24	-13	Pass
1756	1775	1	CHP	2	1756.200	-31.93	-13	Pass

