1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.05	3.09	26.14	<=30	Pass
			2	23.57	3.09	26.66	<=30	Pass
			5	23.03	3.09	26.12	<=30	Pass
		3	0	23.12	3.09	26.21	<=30	Pass
			2	23.07	3.09	26.16	<=30	Pass
			3	23.22	3.09	26.31	<=30	Pass
		6	0	22.18	3.09	25.27	<=30	Pass
	1732.5	1	0	23.08	3.09	26.17	<=30	Pass
			2	23.13	3.09	26.22	<=30	Pass
			5	23.25	3.09	26.34	<=30	Pass
		3	0	23.17	3.09	26.26	<=30	Pass
			2	23.25	3.09	26.34	<=30	Pass
			3	23.23	3.09	26.32	<=30	Pass
		6	0	22.27	3.09	25.36	<=30	Pass
	1754.3	1	0	23.21	3.09	26.30	<=30	Pass
			2	23.26	3.09	26.35	<=30	Pass
			5	23.24	3.09	26.33	<=30	Pass
		3	0	23.24	3.09	26.33	<=30	Pass
			2	23.31	3.09	26.40	<=30	Pass
			3	23.27	3.09	26.36	<=30	Pass
		6	0	22.17	3.09	25.26	<=30	Pass
16QAM	1710.7	1	0	22.82	3.09	25.91	<=30	Pass
			2	22.84	3.09	25.93	<=30	Pass
			5	22.72	3.09	25.81	<=30	Pass
		3	0	22.50	3.09	25.59	<=30	Pass
			2	22.50	3.09	25.59	<=30	Pass
			3	22.14	3.09	25.23	<=30	Pass
		6	0	21.19	3.09	24.28	<=30	Pass
	1732.5	1	0	22.26	3.09	25.35	<=30	Pass
			2	22.37	3.09	25.46	<=30	Pass
			5	22.16	3.09	25.25	<=30	Pass
		3	0	22.28	3.09	25.37	<=30	Pass
			2	22.24	3.09	25.33	<=30	Pass
			3	22.40	3.09	25.49	<=30	Pass
		6	0	21.18	3.09	24.27	<=30	Pass
	1754.3	1	0	22.36	3.09	25.45	<=30	Pass
			2	22.49	3.09	25.58	<=30	Pass
			5	22.32	3.09	25.41	<=30	Pass
		3	0	22.13	3.09	25.22	<=30	Pass
			2	22.22	3.09	25.31	<=30	Pass
			3	22.28	3.09	25.37	<=30	Pass
		6	0	21.61	3.09	24.70	<=30	Pass
64QAM	1710.7	1	0	20.82	3.09	23.91	<=30	Pass
			2	21.02	3.09	24.11	<=30	Pass
			5	21.15	3.09	24.24	<=30	Pass
		3	0	21.30	3.09	24.39	<=30	Pass
			2	21.33	3.09	24.42	<=30	Pass

			3	21.29	3.09	24.38	<=30	Pass
		6	0	20.22	3.09	23.31	<=30	Pass
	1732.5	1	0	21.05	3.09	24.14	<=30	Pass
			2	21.13	3.09	24.22	<=30	Pass
			5	21.19	3.09	24.28	<=30	Pass
		3	0	21.21	3.09	24.30	<=30	Pass
			2	21.46	3.09	24.55	<=30	Pass
			3	21.51	3.09	24.60	<=30	Pass
		6	0	20.18	3.09	23.27	<=30	Pass
	1754.3	1	0	21.49	3.09	24.58	<=30	Pass
			2	21.74	3.09	24.83	<=30	Pass
			5	21.52	3.09	24.61	<=30	Pass
		3	0	21.55	3.09	24.64	<=30	Pass
			2	21.67	3.09	24.76	<=30	Pass
			3	21.61	3.09	24.70	<=30	Pass
		6	0	20.27	3.09	23.36	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B4_3MHz_EIRP

1.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.18	3.09	26.27	<=30	Pass
			7	23.24	3.09	26.33	<=30	Pass
			14	23.16	3.09	26.25	<=30	Pass
		8	0	22.08	3.09	25.17	<=30	Pass
			4	22.13	3.09	25.22	<=30	Pass
			7	22.09	3.09	25.18	<=30	Pass
		15	0	22.27	3.09	25.36	<=30	Pass
	1732.5	1	0	23.40	3.09	26.49	<=30	Pass
			7	23.54	3.09	26.63	<=30	Pass
			14	23.46	3.09	26.55	<=30	Pass
		8	0	22.33	3.09	25.42	<=30	Pass
			4	22.31	3.09	25.40	<=30	Pass
			7	22.37	3.09	25.46	<=30	Pass
		15	0	22.22	3.09	25.31	<=30	Pass
	1753.5	1	0	23.30	3.09	26.39	<=30	Pass
			7	23.44	3.09	26.53	<=30	Pass
			14	23.38	3.09	26.47	<=30	Pass
		8	0	22.24	3.09	25.33	<=30	Pass
			4	22.37	3.09	25.46	<=30	Pass
			7	22.28	3.09	25.37	<=30	Pass
		15	0	22.29	3.09	25.38	<=30	Pass
16QAM	1711.5	1	0	22.41	3.09	25.50	<=30	Pass
			7	22.18	3.09	25.27	<=30	Pass
			14	22.48	3.09	25.57	<=30	Pass
		8	0	20.85	3.09	23.94	<=30	Pass
			4	21.11	3.09	24.20	<=30	Pass
			7	21.27	3.09	24.36	<=30	Pass
		15	0	21.11	3.09	24.20	<=30	Pass
	1732.5	1	0	22.68	3.09	25.77	<=30	Pass
			7	22.81	3.09	25.90	<=30	Pass

			14	23.00	3.09	26.09	<=30	Pass
		8	0	21.27	3.09	24.36	<=30	Pass
			4	21.27	3.09	24.36	<=30	Pass
			7	21.39	3.09	24.48	<=30	Pass
		15	0	21.18	3.09	24.27	<=30	Pass
	1753.5	1	0	22.28	3.09	25.37	<=30	Pass
			7	22.07	3.09	25.16	<=30	Pass
			14	22.16	3.09	25.25	<=30	Pass
		8	0	21.30	3.09	24.39	<=30	Pass
			4	21.43	3.09	24.52	<=30	Pass
			7	21.35	3.09	24.44	<=30	Pass
		15	0	21.48	3.09	24.57	<=30	Pass
64QAM	1711.5	1	0	21.59	3.09	24.68	<=30	Pass
			7	21.55	3.09	24.64	<=30	Pass
			14	21.76	3.09	24.85	<=30	Pass
		8	0	20.12	3.09	23.21	<=30	Pass
			4	20.19	3.09	23.28	<=30	Pass
			7	20.17	3.09	23.26	<=30	Pass
		15	0	19.98	3.09	23.07	<=30	Pass
	1732.5	1	0	20.56	3.09	23.65	<=30	Pass
			7	21.04	3.09	24.13	<=30	Pass
			14	21.13	3.09	24.22	<=30	Pass
		8	0	19.87	3.09	22.96	<=30	Pass
			4	20.07	3.09	23.16	<=30	Pass
			7	20.26	3.09	23.35	<=30	Pass
		15	0	20.33	3.09	23.42	<=30	Pass
	1753.5	1	0	20.98	3.09	24.07	<=30	Pass
			7	21.11	3.09	24.20	<=30	Pass
			14	21.12	3.09	24.21	<=30	Pass
		8	0	20.28	3.09	23.37	<=30	Pass
			4	20.26	3.09	23.35	<=30	Pass
			7	20.24	3.09	23.33	<=30	Pass
		15	0	20.11	3.09	23.20	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B4_5MHz_EIRP

1.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.11	3.09	26.20	<=30	Pass
			13	23.20	3.09	26.29	<=30	Pass
			24	23.10	3.09	26.19	<=30	Pass
		12	0	22.12	3.09	25.21	<=30	Pass
			6	22.21	3.09	25.30	<=30	Pass
			13	22.14	3.09	25.23	<=30	Pass
		25	0	22.13	3.09	25.22	<=30	Pass
	1732.5	1	0	22.91	3.09	26.00	<=30	Pass
			13	23.18	3.09	26.27	<=30	Pass
			24	22.94	3.09	26.03	<=30	Pass
		12	0	22.12	3.09	25.21	<=30	Pass
			6	22.12	3.09	25.21	<=30	Pass
			13	22.20	3.09	25.29	<=30	Pass

		25	0	22.17	3.09	25.26	<=30	Pass
	1752.5	1	0	22.99	3.09	26.08	<=30	Pass
			13	23.30	3.09	26.39	<=30	Pass
			24	23.47	3.09	26.56	<=30	Pass
		12	0	22.24	3.09	25.33	<=30	Pass
			6	22.22	3.09	25.31	<=30	Pass
			13	22.32	3.09	25.41	<=30	Pass
		25	0	22.27	3.09	25.36	<=30	Pass
16QAM	1712.5	1	0	21.40	3.09	24.49	<=30	Pass
			13	21.90	3.09	24.99	<=30	Pass
			24	21.93	3.09	25.02	<=30	Pass
		12	0	21.10	3.09	24.19	<=30	Pass
			6	21.19	3.09	24.28	<=30	Pass
			13	21.26	3.09	24.35	<=30	Pass
		25	0	21.21	3.09	24.30	<=30	Pass
	1732.5	1	0	22.47	3.09	25.56	<=30	Pass
			13	22.75	3.09	25.84	<=30	Pass
			24	22.59	3.09	25.68	<=30	Pass
		12	0	21.18	3.09	24.27	<=30	Pass
			6	21.19	3.09	24.28	<=30	Pass
			13	21.28	3.09	24.37	<=30	Pass
		25	0	21.20	3.09	24.29	<=30	Pass
	1752.5	1	0	22.09	3.09	25.18	<=30	Pass
			13	22.38	3.09	25.47	<=30	Pass
			24	22.54	3.09	25.63	<=30	Pass
		12	0	21.33	3.09	24.42	<=30	Pass
			6	21.36	3.09	24.45	<=30	Pass
			13	21.47	3.09	24.56	<=30	Pass
		25	0	21.33	3.09	24.42	<=30	Pass
64QAM	1712.5	1	0	20.72	3.09	23.81	<=30	Pass
			13	21.22	3.09	24.31	<=30	Pass
			24	21.15	3.09	24.24	<=30	Pass
		12	0	20.00	3.09	23.09	<=30	Pass
			6	20.09	3.09	23.18	<=30	Pass
			13	20.04	3.09	23.13	<=30	Pass
		25	0	20.18	3.09	23.27	<=30	Pass
	1732.5	1	0	21.50	3.09	24.59	<=30	Pass
			13	21.48	3.09	24.57	<=30	Pass
			24	21.30	3.09	24.39	<=30	Pass
		12	0	20.18	3.09	23.27	<=30	Pass
			6	20.19	3.09	23.28	<=30	Pass
			13	20.28	3.09	23.37	<=30	Pass
		25	0	20.38	3.09	23.47	<=30	Pass
	1752.5	1	0	20.84	3.09	23.93	<=30	Pass
			13	20.83	3.09	23.92	<=30	Pass
			24	21.80	3.09	24.89	<=30	Pass
		12	0	20.25	3.09	23.34	<=30	Pass
			6	20.32	3.09	23.41	<=30	Pass
			13	20.35	3.09	23.44	<=30	Pass
		25	0	20.17	3.09	23.26	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B4_10MHz_EIRP

1.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.07	3.09	26.16	<=30	Pass
			25	23.06	3.09	26.15	<=30	Pass
			49	23.44	3.09	26.53	<=30	Pass
		25	0	22.14	3.09	25.23	<=30	Pass
			13	22.13	3.09	25.22	<=30	Pass
			25	22.22	3.09	25.31	<=30	Pass
		50	0	22.18	3.09	25.27	<=30	Pass
	1732.5	1	0	23.06	3.09	26.15	<=30	Pass
			25	23.11	3.09	26.20	<=30	Pass
			49	22.92	3.09	26.01	<=30	Pass
		25	0	22.09	3.09	25.18	<=30	Pass
			13	22.00	3.09	25.09	<=30	Pass
			25	22.11	3.09	25.20	<=30	Pass
		50	0	22.06	3.09	25.15	<=30	Pass
	1750	1	0	23.27	3.09	26.36	<=30	Pass
			25	23.51	3.09	26.60	<=30	Pass
			49	23.54	3.09	26.63	<=30	Pass
		25	0	22.19	3.09	25.28	<=30	Pass
			13	22.18	3.09	25.27	<=30	Pass
			25	22.18	3.09	25.27	<=30	Pass
		50	0	22.20	3.09	25.29	<=30	Pass
16QAM	1715	1	0	22.60	3.09	25.69	<=30	Pass
			25	22.52	3.09	25.61	<=30	Pass
			49	22.55	3.09	25.64	<=30	Pass
		25	0	21.19	3.09	24.28	<=30	Pass
			13	21.27	3.09	24.36	<=30	Pass
			25	21.10	3.09	24.19	<=30	Pass
		50	0	21.29	3.09	24.38	<=30	Pass
	1732.5	1	0	22.73	3.09	25.82	<=30	Pass
			25	22.62	3.09	25.71	<=30	Pass
			49	22.62	3.09	25.71	<=30	Pass
		25	0	21.30	3.09	24.39	<=30	Pass
			13	20.94	3.09	24.03	<=30	Pass
			25	21.08	3.09	24.17	<=30	Pass
		50	0	21.10	3.09	24.19	<=30	Pass
	1750	1	0	22.23	3.09	25.32	<=30	Pass
			25	22.31	3.09	25.40	<=30	Pass
			49	22.49	3.09	25.58	<=30	Pass
		25	0	21.40	3.09	24.49	<=30	Pass
			13	21.29	3.09	24.38	<=30	Pass
			25	21.31	3.09	24.40	<=30	Pass
		50	0	21.26	3.09	24.35	<=30	Pass
64QAM	1715	1	0	21.72	3.09	24.81	<=30	Pass
			25	21.86	3.09	24.95	<=30	Pass
			49	21.85	3.09	24.94	<=30	Pass
		25	0	20.37	3.09	23.46	<=30	Pass
			13	20.29	3.09	23.38	<=30	Pass
			25	20.18	3.09	23.27	<=30	Pass
		50	0	20.25	3.09	23.34	<=30	Pass
	1732.5	1	0	20.42	3.09	23.51	<=30	Pass
			25	21.19	3.09	24.28	<=30	Pass
			49	21.03	3.09	24.12	<=30	Pass
		25	0	20.29	3.09	23.38	<=30	Pass
			13	20.24	3.09	23.33	<=30	Pass
			25	20.30	3.09	23.39	<=30	Pass

		50	0	20.07	3.09	23.16	<=30	Pass
	1750	1	0	21.02	3.09	24.11	<=30	Pass
			25	21.44	3.09	24.53	<=30	Pass
			49	21.24	3.09	24.33	<=30	Pass
		25	0	20.24	3.09	23.33	<=30	Pass
			13	20.24	3.09	23.33	<=30	Pass
			25	20.26	3.09	23.35	<=30	Pass
		50	0	20.24	3.09	23.33	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B4_15MHz_EIRP

1.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.32	3.09	26.41	<=30	Pass
			38	23.06	3.09	26.15	<=30	Pass
			74	23.18	3.09	26.27	<=30	Pass
		36	0	22.16	3.09	25.25	<=30	Pass
			18	22.15	3.09	25.24	<=30	Pass
			39	22.17	3.09	25.26	<=30	Pass
		75	0	22.19	3.09	25.28	<=30	Pass
	1732.5	1	0	23.14	3.09	26.23	<=30	Pass
			38	23.28	3.09	26.37	<=30	Pass
			74	22.85	3.09	25.94	<=30	Pass
		36	0	22.08	3.09	25.17	<=30	Pass
			18	22.02	3.09	25.11	<=30	Pass
			39	22.08	3.09	25.17	<=30	Pass
		75	0	22.04	3.09	25.13	<=30	Pass
	1747.5	1	0	23.10	3.09	26.19	<=30	Pass
			38	23.16	3.09	26.25	<=30	Pass
			74	23.08	3.09	26.17	<=30	Pass
		36	0	22.07	3.09	25.16	<=30	Pass
			18	22.19	3.09	25.28	<=30	Pass
			39	22.13	3.09	25.22	<=30	Pass
		75	0	22.08	3.09	25.17	<=30	Pass
16QAM	1717.5	1	0	22.53	3.09	25.62	<=30	Pass
			38	22.59	3.09	25.68	<=30	Pass
			74	22.72	3.09	25.81	<=30	Pass
		36	0	21.12	3.09	24.21	<=30	Pass
			18	21.21	3.09	24.30	<=30	Pass
			39	21.28	3.09	24.37	<=30	Pass
		75	0	21.24	3.09	24.33	<=30	Pass
	1732.5	1	0	22.80	3.09	25.89	<=30	Pass
			38	22.80	3.09	25.89	<=30	Pass
			74	22.49	3.09	25.58	<=30	Pass
		36	0	21.23	3.09	24.32	<=30	Pass
			18	21.16	3.09	24.25	<=30	Pass
			39	21.03	3.09	24.12	<=30	Pass
		75	0	21.12	3.09	24.21	<=30	Pass
	1747.5	1	0	22.44	3.09	25.53	<=30	Pass
			38	22.44	3.09	25.53	<=30	Pass
			74	22.14	3.09	25.23	<=30	Pass

		36	0	21.09	3.09	24.18	<=30	Pass
			18	21.23	3.09	24.32	<=30	Pass
			39	21.02	3.09	24.11	<=30	Pass
		75	0	21.14	3.09	24.23	<=30	Pass
64QAM	1717.5	1	0	20.83	3.09	23.92	<=30	Pass
			38	21.86	3.09	24.95	<=30	Pass
			74	21.84	3.09	24.93	<=30	Pass
		36	0	20.21	3.09	23.30	<=30	Pass
			18	20.23	3.09	23.32	<=30	Pass
			39	20.46	3.09	23.55	<=30	Pass
		75	0	20.35	3.09	23.44	<=30	Pass
	1732.5	1	0	20.48	3.09	23.57	<=30	Pass
			38	20.92	3.09	24.01	<=30	Pass
			74	20.37	3.09	23.46	<=30	Pass
		36	0	20.28	3.09	23.37	<=30	Pass
			18	20.31	3.09	23.40	<=30	Pass
			39	20.37	3.09	23.46	<=30	Pass
		75	0	20.23	3.09	23.32	<=30	Pass
	1747.5	1	0	21.45	3.09	24.54	<=30	Pass
			38	21.49	3.09	24.58	<=30	Pass
			74	21.59	3.09	24.68	<=30	Pass
		36	0	20.20	3.09	23.29	<=30	Pass
			18	20.34	3.09	23.43	<=30	Pass
			39	20.12	3.09	23.21	<=30	Pass
		75	0	20.20	3.09	23.29	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B4_20MHz_EIRP

1.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.80	3.09	25.89	<=30	Pass
			50	23.26	3.09	26.35	<=30	Pass
			99	23.19	3.09	26.28	<=30	Pass
		50	0	22.14	3.09	25.23	<=30	Pass
			25	22.17	3.09	25.26	<=30	Pass
			50	22.13	3.09	25.22	<=30	Pass
		100	0	22.21	3.09	25.30	<=30	Pass
	1732.5	1	0	23.44	3.09	26.53	<=30	Pass
			50	23.53	3.09	26.62	<=30	Pass
			99	22.99	3.09	26.08	<=30	Pass
		50	0	22.11	3.09	25.20	<=30	Pass
			25	22.07	3.09	25.16	<=30	Pass
			50	22.05	3.09	25.14	<=30	Pass
		100	0	22.10	3.09	25.19	<=30	Pass
	1745	1	0	23.41	3.09	26.50	<=30	Pass
			50	23.53	3.09	26.62	<=30	Pass
			99	23.31	3.09	26.40	<=30	Pass
		50	0	22.22	3.09	25.31	<=30	Pass
			25	22.11	3.09	25.20	<=30	Pass
			50	22.14	3.09	25.23	<=30	Pass
		100	0	22.11	3.09	25.20	<=30	Pass

16QAM	1720	1	0	22.72	3.09	25.81	<=30	Pass
			50	22.92	3.09	26.01	<=30	Pass
			99	22.77	3.09	25.86	<=30	Pass
		50	0	21.13	3.09	24.22	<=30	Pass
			25	21.27	3.09	24.36	<=30	Pass
			50	21.24	3.09	24.33	<=30	Pass
		100	0	21.24	3.09	24.33	<=30	Pass
	1732.5	1	0	22.32	3.09	25.41	<=30	Pass
			50	22.29	3.09	25.38	<=30	Pass
			99	22.10	3.09	25.19	<=30	Pass
		50	0	21.22	3.09	24.31	<=30	Pass
			25	21.19	3.09	24.28	<=30	Pass
			50	21.10	3.09	24.19	<=30	Pass
		100	0	21.06	3.09	24.15	<=30	Pass
	1745	1	0	23.09	3.09	26.18	<=30	Pass
			50	23.34	3.09	26.43	<=30	Pass
			99	23.08	3.09	26.17	<=30	Pass
		50	0	21.30	3.09	24.39	<=30	Pass
			25	21.18	3.09	24.27	<=30	Pass
			50	21.13	3.09	24.22	<=30	Pass
		100	0	21.17	3.09	24.26	<=30	Pass
64QAM	1720	1	0	21.40	3.09	24.49	<=30	Pass
			50	21.75	3.09	24.84	<=30	Pass
			99	21.65	3.09	24.74	<=30	Pass
		50	0	20.20	3.09	23.29	<=30	Pass
			25	20.25	3.09	23.34	<=30	Pass
			50	20.31	3.09	23.40	<=30	Pass
		100	0	20.23	3.09	23.32	<=30	Pass
	1732.5	1	0	21.68	3.09	24.77	<=30	Pass
			50	21.90	3.09	24.99	<=30	Pass
			99	21.43	3.09	24.52	<=30	Pass
		50	0	20.09	3.09	23.18	<=30	Pass
			25	20.15	3.09	23.24	<=30	Pass
			50	20.18	3.09	23.27	<=30	Pass
		100	0	20.24	3.09	23.33	<=30	Pass
	1745	1	0	21.47	3.09	24.56	<=30	Pass
			50	21.72	3.09	24.81	<=30	Pass
			99	21.55	3.09	24.64	<=30	Pass
		50	0	20.37	3.09	23.46	<=30	Pass
			25	20.31	3.09	23.40	<=30	Pass
			50	20.18	3.09	23.27	<=30	Pass
		100	0	20.33	3.09	23.42	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	102	13.232	0.0077	-2.5 to 2.5	Pass
					120	12.454	0.0073	-2.5 to 2.5	Pass

					138	13.081	0.0076	-2.5 to 2.5	Pass
				-30	120	14.585	0.0085	-2.5 to 2.5	Pass
				-20	120	14.214	0.0083	-2.5 to 2.5	Pass
				-10	120	15.711	0.0092	-2.5 to 2.5	Pass
				0	120	16.577	0.0097	-2.5 to 2.5	Pass
				10	120	16.125	0.0094	-2.5 to 2.5	Pass
				30	120	14.813	0.0087	-2.5 to 2.5	Pass
				40	120	15.134	0.0088	-2.5 to 2.5	Pass
				50	120	12.895	0.0075	-2.5 to 2.5	Pass
	1732.5	6	0	20	102	0.034	0.0000	-2.5 to 2.5	Pass
					120	-0.103	-0.0001	-2.5 to 2.5	Pass
					138	-0.148	-0.0001	-2.5 to 2.5	Pass
				-30	120	0.244	0.0001	-2.5 to 2.5	Pass
				-20	120	0.222	0.0001	-2.5 to 2.5	Pass
				-10	120	-0.166	-0.0001	-2.5 to 2.5	Pass
				0	120	0.318	0.0002	-2.5 to 2.5	Pass
				10	120	0.471	0.0003	-2.5 to 2.5	Pass
				30	120	-0.059	0.0000	-2.5 to 2.5	Pass
				40	120	-0.438	-0.0003	-2.5 to 2.5	Pass
				50	120	0.038	0.0000	-2.5 to 2.5	Pass
	1754.3	6	0	20	102	-0.416	-0.0002	-2.5 to 2.5	Pass
					120	-0.092	-0.0001	-2.5 to 2.5	Pass
					138	-0.011	0.0000	-2.5 to 2.5	Pass
				-30	120	-0.755	-0.0004	-2.5 to 2.5	Pass
				-20	120	-0.450	-0.0003	-2.5 to 2.5	Pass
				-10	120	0.178	0.0001	-2.5 to 2.5	Pass
				0	120	-0.182	-0.0001	-2.5 to 2.5	Pass
				10	120	0.045	0.0000	-2.5 to 2.5	Pass
				30	120	-0.413	-0.0002	-2.5 to 2.5	Pass
				40	120	-0.924	-0.0005	-2.5 to 2.5	Pass
				50	120	0.398	0.0002	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	102	12.954	0.0076	-2.5 to 2.5	Pass
					120	11.800	0.0069	-2.5 to 2.5	Pass
					138	10.541	0.0062	-2.5 to 2.5	Pass
				-30	120	8.761	0.0051	-2.5 to 2.5	Pass
				-20	120	8.180	0.0048	-2.5 to 2.5	Pass
				-10	120	7.855	0.0046	-2.5 to 2.5	Pass
				0	120	7.757	0.0045	-2.5 to 2.5	Pass
				10	120	5.592	0.0033	-2.5 to 2.5	Pass
				30	120	5.886	0.0034	-2.5 to 2.5	Pass
				40	120	4.318	0.0025	-2.5 to 2.5	Pass
				50	120	4.614	0.0027	-2.5 to 2.5	Pass
	1732.5	6	0	20	102	0.160	0.0001	-2.5 to 2.5	Pass
					120	-1.165	-0.0007	-2.5 to 2.5	Pass
					138	-0.742	-0.0004	-2.5 to 2.5	Pass
				-30	120	-1.910	-0.0011	-2.5 to 2.5	Pass
				-20	120	-0.801	-0.0005	-2.5 to 2.5	Pass
				-10	120	-0.048	0.0000	-2.5 to 2.5	Pass
				0	120	-1.747	-0.0010	-2.5 to 2.5	Pass
				10	120	-0.541	-0.0003	-2.5 to 2.5	Pass
				30	120	-1.407	-0.0008	-2.5 to 2.5	Pass
				40	120	-0.945	-0.0005	-2.5 to 2.5	Pass
				50	120	-0.209	-0.0001	-2.5 to 2.5	Pass
	1754.3	6	0	20	102	-1.593	-0.0009	-2.5 to 2.5	Pass
					120	-0.695	-0.0004	-2.5 to 2.5	Pass
					138	-1.096	-0.0006	-2.5 to 2.5	Pass
				-30	120	-0.758	-0.0004	-2.5 to 2.5	Pass
				-20	120	-0.442	-0.0003	-2.5 to 2.5	Pass

				-10	120	-0.728	-0.0004	-2.5 to 2.5	Pass
				0	120	-0.881	-0.0005	-2.5 to 2.5	Pass
				10	120	-1.406	-0.0008	-2.5 to 2.5	Pass
				30	120	-0.713	-0.0004	-2.5 to 2.5	Pass
				40	120	0.026	0.0000	-2.5 to 2.5	Pass
				50	120	-0.260	-0.0001	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	102	4.559	0.0027	-2.5 to 2.5	Pass
					120	3.365	0.0020	-2.5 to 2.5	Pass
					138	3.421	0.0020	-2.5 to 2.5	Pass
				-30	120	2.519	0.0015	-2.5 to 2.5	Pass
				-20	120	2.873	0.0017	-2.5 to 2.5	Pass
				-10	120	1.526	0.0009	-2.5 to 2.5	Pass
				0	120	1.163	0.0007	-2.5 to 2.5	Pass
				10	120	1.523	0.0009	-2.5 to 2.5	Pass
				30	120	0.651	0.0004	-2.5 to 2.5	Pass
				40	120	0.214	0.0001	-2.5 to 2.5	Pass
				50	120	0.486	0.0003	-2.5 to 2.5	Pass
	1732.5	6	0	20	102	-0.526	-0.0003	-2.5 to 2.5	Pass
					120	-0.232	-0.0001	-2.5 to 2.5	Pass
					138	-1.613	-0.0009	-2.5 to 2.5	Pass
				-30	120	0.323	0.0002	-2.5 to 2.5	Pass
				-20	120	-1.121	-0.0006	-2.5 to 2.5	Pass
				-10	120	-1.468	-0.0008	-2.5 to 2.5	Pass
				0	120	-0.110	-0.0001	-2.5 to 2.5	Pass
				10	120	-0.851	-0.0005	-2.5 to 2.5	Pass
				30	120	-0.308	-0.0002	-2.5 to 2.5	Pass
				40	120	-1.082	-0.0006	-2.5 to 2.5	Pass
				50	120	-1.111	-0.0006	-2.5 to 2.5	Pass
	1754.3	6	0	20	102	-2.343	-0.0013	-2.5 to 2.5	Pass
					120	-2.739	-0.0016	-2.5 to 2.5	Pass
					138	-2.725	-0.0016	-2.5 to 2.5	Pass
				-30	120	-1.753	-0.0010	-2.5 to 2.5	Pass
				-20	120	-1.420	-0.0008	-2.5 to 2.5	Pass
				-10	120	-2.429	-0.0014	-2.5 to 2.5	Pass
				0	120	-1.361	-0.0008	-2.5 to 2.5	Pass
				10	120	-1.448	-0.0008	-2.5 to 2.5	Pass
				30	120	-2.810	-0.0016	-2.5 to 2.5	Pass
				40	120	-2.493	-0.0014	-2.5 to 2.5	Pass
				50	120	-1.842	-0.0010	-2.5 to 2.5	Pass

2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	102	4.555	0.0027	-2.5 to 2.5	Pass
					120	5.785	0.0034	-2.5 to 2.5	Pass
					138	6.177	0.0036	-2.5 to 2.5	Pass
				-30	120	6.175	0.0036	-2.5 to 2.5	Pass
				-20	120	6.300	0.0037	-2.5 to 2.5	Pass
				-10	120	6.396	0.0037	-2.5 to 2.5	Pass
				0	120	6.295	0.0037	-2.5 to 2.5	Pass
				10	120	6.343	0.0037	-2.5 to 2.5	Pass

				30	120	6.118	0.0036	-2.5 to 2.5	Pass
				40	120	6.990	0.0041	-2.5 to 2.5	Pass
				50	120	5.686	0.0033	-2.5 to 2.5	Pass
	1732.5	15	0	20	102	6.398	0.0037	-2.5 to 2.5	Pass
					120	5.643	0.0033	-2.5 to 2.5	Pass
					138	4.815	0.0028	-2.5 to 2.5	Pass
				-30	120	4.900	0.0028	-2.5 to 2.5	Pass
				-20	120	5.869	0.0034	-2.5 to 2.5	Pass
				-10	120	5.944	0.0034	-2.5 to 2.5	Pass
				0	120	6.743	0.0039	-2.5 to 2.5	Pass
				10	120	6.298	0.0036	-2.5 to 2.5	Pass
				30	120	6.277	0.0036	-2.5 to 2.5	Pass
				40	120	5.851	0.0034	-2.5 to 2.5	Pass
				50	120	4.677	0.0027	-2.5 to 2.5	Pass
	1753.5	15	0	20	102	2.576	0.0015	-2.5 to 2.5	Pass
					120	1.110	0.0006	-2.5 to 2.5	Pass
					138	2.513	0.0014	-2.5 to 2.5	Pass
				-30	120	2.109	0.0012	-2.5 to 2.5	Pass
				-20	120	2.278	0.0013	-2.5 to 2.5	Pass
				-10	120	1.578	0.0009	-2.5 to 2.5	Pass
				0	120	2.867	0.0016	-2.5 to 2.5	Pass
				10	120	2.386	0.0014	-2.5 to 2.5	Pass
				30	120	1.649	0.0009	-2.5 to 2.5	Pass
				40	120	2.412	0.0014	-2.5 to 2.5	Pass
				50	120	1.180	0.0007	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	102	6.370	0.0037	-2.5 to 2.5	Pass
					120	7.089	0.0041	-2.5 to 2.5	Pass
					138	5.005	0.0029	-2.5 to 2.5	Pass
				-30	120	5.169	0.0030	-2.5 to 2.5	Pass
				-20	120	6.010	0.0035	-2.5 to 2.5	Pass
				-10	120	4.830	0.0028	-2.5 to 2.5	Pass
				0	120	7.110	0.0042	-2.5 to 2.5	Pass
				10	120	6.662	0.0039	-2.5 to 2.5	Pass
				30	120	5.597	0.0033	-2.5 to 2.5	Pass
				40	120	5.735	0.0034	-2.5 to 2.5	Pass
				50	120	6.540	0.0038	-2.5 to 2.5	Pass
	1732.5	15	0	20	102	7.432	0.0043	-2.5 to 2.5	Pass
					120	7.784	0.0045	-2.5 to 2.5	Pass
					138	7.137	0.0041	-2.5 to 2.5	Pass
				-30	120	8.141	0.0047	-2.5 to 2.5	Pass
				-20	120	6.044	0.0035	-2.5 to 2.5	Pass
				-10	120	6.728	0.0039	-2.5 to 2.5	Pass
				0	120	7.319	0.0042	-2.5 to 2.5	Pass
				10	120	7.717	0.0045	-2.5 to 2.5	Pass
				30	120	6.914	0.0040	-2.5 to 2.5	Pass
				40	120	6.862	0.0040	-2.5 to 2.5	Pass
				50	120	7.269	0.0042	-2.5 to 2.5	Pass
	1753.5	15	0	20	102	0.889	0.0005	-2.5 to 2.5	Pass
					120	1.913	0.0011	-2.5 to 2.5	Pass
					138	1.048	0.0006	-2.5 to 2.5	Pass
				-30	120	1.161	0.0007	-2.5 to 2.5	Pass
				-20	120	1.172	0.0007	-2.5 to 2.5	Pass
				-10	120	0.970	0.0006	-2.5 to 2.5	Pass
				0	120	0.919	0.0005	-2.5 to 2.5	Pass
				10	120	1.299	0.0007	-2.5 to 2.5	Pass
				30	120	0.547	0.0003	-2.5 to 2.5	Pass
				40	120	1.886	0.0011	-2.5 to 2.5	Pass
				50	120	1.192	0.0007	-2.5 to 2.5	Pass

64QAM	1711.5	15	0	20	102	5.474	0.0032	-2.5 to 2.5	Pass
					120	5.608	0.0033	-2.5 to 2.5	Pass
					138	5.569	0.0033	-2.5 to 2.5	Pass
				-30	120	5.316	0.0031	-2.5 to 2.5	Pass
				-20	120	4.555	0.0027	-2.5 to 2.5	Pass
				-10	120	4.707	0.0028	-2.5 to 2.5	Pass
				0	120	4.172	0.0024	-2.5 to 2.5	Pass
				10	120	4.909	0.0029	-2.5 to 2.5	Pass
				30	120	6.209	0.0036	-2.5 to 2.5	Pass
				40	120	4.938	0.0029	-2.5 to 2.5	Pass
				50	120	5.486	0.0032	-2.5 to 2.5	Pass
	1732.5	15	0	20	102	7.152	0.0041	-2.5 to 2.5	Pass
					120	7.076	0.0041	-2.5 to 2.5	Pass
					138	7.003	0.0040	-2.5 to 2.5	Pass
				-30	120	7.499	0.0043	-2.5 to 2.5	Pass
				-20	120	7.686	0.0044	-2.5 to 2.5	Pass
				-10	120	7.693	0.0044	-2.5 to 2.5	Pass
				0	120	7.420	0.0043	-2.5 to 2.5	Pass
				10	120	6.619	0.0038	-2.5 to 2.5	Pass
				30	120	7.268	0.0042	-2.5 to 2.5	Pass
				40	120	8.174	0.0047	-2.5 to 2.5	Pass
				50	120	7.402	0.0043	-2.5 to 2.5	Pass
	1753.5	15	0	20	102	1.996	0.0011	-2.5 to 2.5	Pass
					120	2.157	0.0012	-2.5 to 2.5	Pass
					138	1.877	0.0011	-2.5 to 2.5	Pass
				-30	120	1.243	0.0007	-2.5 to 2.5	Pass
				-20	120	1.841	0.0010	-2.5 to 2.5	Pass
				-10	120	2.246	0.0013	-2.5 to 2.5	Pass
				0	120	1.173	0.0007	-2.5 to 2.5	Pass
				10	120	0.337	0.0002	-2.5 to 2.5	Pass
				30	120	0.983	0.0006	-2.5 to 2.5	Pass
				40	120	1.266	0.0007	-2.5 to 2.5	Pass
				50	120	1.576	0.0009	-2.5 to 2.5	Pass

2.3 B4_5MHz

2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	102	5.191	0.0030	-2.5 to 2.5	Pass
					120	4.078	0.0024	-2.5 to 2.5	Pass
					138	5.426	0.0032	-2.5 to 2.5	Pass
				-30	120	4.958	0.0029	-2.5 to 2.5	Pass
				-20	120	5.567	0.0033	-2.5 to 2.5	Pass
				-10	120	5.585	0.0033	-2.5 to 2.5	Pass
				0	120	4.638	0.0027	-2.5 to 2.5	Pass
				10	120	4.891	0.0029	-2.5 to 2.5	Pass
				30	120	5.276	0.0031	-2.5 to 2.5	Pass
				40	120	4.169	0.0024	-2.5 to 2.5	Pass
				50	120	5.266	0.0031	-2.5 to 2.5	Pass
	1732.5	25	0	20	102	3.146	0.0018	-2.5 to 2.5	Pass
					120	2.463	0.0014	-2.5 to 2.5	Pass
					138	2.474	0.0014	-2.5 to 2.5	Pass

				-30	120	2.927	0.0017	-2.5 to 2.5	Pass
				-20	120	1.612	0.0009	-2.5 to 2.5	Pass
				-10	120	1.165	0.0007	-2.5 to 2.5	Pass
				0	120	2.238	0.0013	-2.5 to 2.5	Pass
				10	120	1.348	0.0008	-2.5 to 2.5	Pass
				30	120	1.773	0.0010	-2.5 to 2.5	Pass
				40	120	1.650	0.0010	-2.5 to 2.5	Pass
				50	120	2.470	0.0014	-2.5 to 2.5	Pass
	1752.5	25	0	20	102	-2.367	-0.0014	-2.5 to 2.5	Pass
					120	-2.952	-0.0017	-2.5 to 2.5	Pass
					138	-2.622	-0.0015	-2.5 to 2.5	Pass
				-30	120	-2.542	-0.0015	-2.5 to 2.5	Pass
				-20	120	-2.594	-0.0015	-2.5 to 2.5	Pass
				-10	120	-2.078	-0.0012	-2.5 to 2.5	Pass
				0	120	-3.182	-0.0018	-2.5 to 2.5	Pass
				10	120	-2.680	-0.0015	-2.5 to 2.5	Pass
				30	120	-1.901	-0.0011	-2.5 to 2.5	Pass
				40	120	-2.452	-0.0014	-2.5 to 2.5	Pass
				50	120	-2.484	-0.0014	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	102	5.381	0.0031	-2.5 to 2.5	Pass
					120	4.306	0.0025	-2.5 to 2.5	Pass
					138	4.581	0.0027	-2.5 to 2.5	Pass
				-30	120	6.289	0.0037	-2.5 to 2.5	Pass
				-20	120	5.349	0.0031	-2.5 to 2.5	Pass
				-10	120	4.309	0.0025	-2.5 to 2.5	Pass
				0	120	6.123	0.0036	-2.5 to 2.5	Pass
				10	120	5.265	0.0031	-2.5 to 2.5	Pass
				30	120	6.100	0.0036	-2.5 to 2.5	Pass
				40	120	5.348	0.0031	-2.5 to 2.5	Pass
				50	120	5.913	0.0035	-2.5 to 2.5	Pass
	1732.5	25	0	20	102	1.980	0.0011	-2.5 to 2.5	Pass
					120	2.841	0.0016	-2.5 to 2.5	Pass
					138	2.738	0.0016	-2.5 to 2.5	Pass
				-30	120	2.384	0.0014	-2.5 to 2.5	Pass
				-20	120	1.359	0.0008	-2.5 to 2.5	Pass
				-10	120	1.390	0.0008	-2.5 to 2.5	Pass
				0	120	1.673	0.0010	-2.5 to 2.5	Pass
				10	120	2.366	0.0014	-2.5 to 2.5	Pass
				30	120	2.019	0.0012	-2.5 to 2.5	Pass
				40	120	1.839	0.0011	-2.5 to 2.5	Pass
				50	120	1.422	0.0008	-2.5 to 2.5	Pass
	1752.5	25	0	20	102	-1.848	-0.0011	-2.5 to 2.5	Pass
					120	-2.025	-0.0012	-2.5 to 2.5	Pass
					138	-3.560	-0.0020	-2.5 to 2.5	Pass
				-30	120	-2.586	-0.0015	-2.5 to 2.5	Pass
				-20	120	-2.605	-0.0015	-2.5 to 2.5	Pass
				-10	120	-3.887	-0.0022	-2.5 to 2.5	Pass
				0	120	-2.084	-0.0012	-2.5 to 2.5	Pass
				10	120	-2.965	-0.0017	-2.5 to 2.5	Pass
				30	120	-0.990	-0.0006	-2.5 to 2.5	Pass
				40	120	-2.294	-0.0013	-2.5 to 2.5	Pass
				50	120	-2.705	-0.0015	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	102	3.980	0.0023	-2.5 to 2.5	Pass
					120	5.228	0.0031	-2.5 to 2.5	Pass
					138	6.679	0.0039	-2.5 to 2.5	Pass
				-30	120	6.641	0.0039	-2.5 to 2.5	Pass
				-20	120	6.554	0.0038	-2.5 to 2.5	Pass
				-10	120	5.934	0.0035	-2.5 to 2.5	Pass

				0	120	5.568	0.0033	-2.5 to 2.5	Pass
				10	120	5.963	0.0035	-2.5 to 2.5	Pass
				30	120	6.493	0.0038	-2.5 to 2.5	Pass
				40	120	6.590	0.0038	-2.5 to 2.5	Pass
				50	120	6.642	0.0039	-2.5 to 2.5	Pass
	1732.5	25	0	20	102	1.573	0.0009	-2.5 to 2.5	Pass
					120	3.074	0.0018	-2.5 to 2.5	Pass
					138	1.961	0.0011	-2.5 to 2.5	Pass
				-30	120	1.718	0.0010	-2.5 to 2.5	Pass
				-20	120	1.303	0.0008	-2.5 to 2.5	Pass
				-10	120	1.901	0.0011	-2.5 to 2.5	Pass
				0	120	0.056	0.0000	-2.5 to 2.5	Pass
				10	120	1.222	0.0007	-2.5 to 2.5	Pass
				30	120	0.747	0.0004	-2.5 to 2.5	Pass
				40	120	1.395	0.0008	-2.5 to 2.5	Pass
				50	120	1.003	0.0006	-2.5 to 2.5	Pass
	1752.5	25	0	20	102	-2.349	-0.0013	-2.5 to 2.5	Pass
					120	-2.707	-0.0015	-2.5 to 2.5	Pass
					138	-2.948	-0.0017	-2.5 to 2.5	Pass
				-30	120	-2.807	-0.0016	-2.5 to 2.5	Pass
				-20	120	-2.237	-0.0013	-2.5 to 2.5	Pass
				-10	120	-3.453	-0.0020	-2.5 to 2.5	Pass
				0	120	-2.566	-0.0015	-2.5 to 2.5	Pass
				10	120	-3.086	-0.0018	-2.5 to 2.5	Pass
				30	120	-2.468	-0.0014	-2.5 to 2.5	Pass
				40	120	-1.667	-0.0010	-2.5 to 2.5	Pass
				50	120	-3.176	-0.0018	-2.5 to 2.5	Pass

2.4 B4_10MHz

2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	102	-2.674	-0.0016	-2.5 to 2.5	Pass
					120	-3.124	-0.0018	-2.5 to 2.5	Pass
					138	-3.852	-0.0022	-2.5 to 2.5	Pass
				-30	120	-3.508	-0.0020	-2.5 to 2.5	Pass
				-20	120	-2.873	-0.0017	-2.5 to 2.5	Pass
				-10	120	-2.650	-0.0015	-2.5 to 2.5	Pass
				0	120	-2.233	-0.0013	-2.5 to 2.5	Pass
				10	120	-3.494	-0.0020	-2.5 to 2.5	Pass
				30	120	-3.608	-0.0021	-2.5 to 2.5	Pass
				40	120	-3.191	-0.0019	-2.5 to 2.5	Pass
				50	120	-2.886	-0.0017	-2.5 to 2.5	Pass
	1732.5	50	0	20	102	1.013	0.0006	-2.5 to 2.5	Pass
					120	1.449	0.0008	-2.5 to 2.5	Pass
					138	1.929	0.0011	-2.5 to 2.5	Pass
				-30	120	0.789	0.0005	-2.5 to 2.5	Pass
				-20	120	0.639	0.0004	-2.5 to 2.5	Pass
				-10	120	0.949	0.0005	-2.5 to 2.5	Pass
				0	120	-0.150	-0.0001	-2.5 to 2.5	Pass
				10	120	1.649	0.0010	-2.5 to 2.5	Pass
				30	120	-0.060	0.0000	-2.5 to 2.5	Pass

				40	120	1.015	0.0006	-2.5 to 2.5	Pass
				50	120	0.887	0.0005	-2.5 to 2.5	Pass
	1750	50	0	20	102	3.786	0.0022	-2.5 to 2.5	Pass
					120	2.622	0.0015	-2.5 to 2.5	Pass
					138	3.186	0.0018	-2.5 to 2.5	Pass
				-30	120	3.048	0.0017	-2.5 to 2.5	Pass
				-20	120	2.129	0.0012	-2.5 to 2.5	Pass
				-10	120	3.197	0.0018	-2.5 to 2.5	Pass
				0	120	2.624	0.0015	-2.5 to 2.5	Pass
				10	120	2.713	0.0016	-2.5 to 2.5	Pass
				30	120	3.564	0.0020	-2.5 to 2.5	Pass
				40	120	3.503	0.0020	-2.5 to 2.5	Pass
				50	120	3.727	0.0021	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	102	-2.412	-0.0014	-2.5 to 2.5	Pass
					120	-3.888	-0.0023	-2.5 to 2.5	Pass
					138	-2.930	-0.0017	-2.5 to 2.5	Pass
				-30	120	-3.368	-0.0020	-2.5 to 2.5	Pass
				-20	120	-2.567	-0.0015	-2.5 to 2.5	Pass
				-10	120	-4.028	-0.0023	-2.5 to 2.5	Pass
				0	120	-2.573	-0.0015	-2.5 to 2.5	Pass
				10	120	-2.891	-0.0017	-2.5 to 2.5	Pass
				30	120	-2.396	-0.0014	-2.5 to 2.5	Pass
				40	120	-3.248	-0.0019	-2.5 to 2.5	Pass
				50	120	-3.059	-0.0018	-2.5 to 2.5	Pass
	1732.5	50	0	20	102	0.677	0.0004	-2.5 to 2.5	Pass
					120	1.201	0.0007	-2.5 to 2.5	Pass
					138	0.505	0.0003	-2.5 to 2.5	Pass
				-30	120	1.833	0.0011	-2.5 to 2.5	Pass
				-20	120	0.833	0.0005	-2.5 to 2.5	Pass
				-10	120	0.706	0.0004	-2.5 to 2.5	Pass
				0	120	1.362	0.0008	-2.5 to 2.5	Pass
				10	120	1.654	0.0010	-2.5 to 2.5	Pass
				30	120	0.656	0.0004	-2.5 to 2.5	Pass
				40	120	1.522	0.0009	-2.5 to 2.5	Pass
				50	120	0.623	0.0004	-2.5 to 2.5	Pass
	1750	50	0	20	102	3.185	0.0018	-2.5 to 2.5	Pass
					120	3.509	0.0020	-2.5 to 2.5	Pass
					138	3.213	0.0018	-2.5 to 2.5	Pass
				-30	120	2.250	0.0013	-2.5 to 2.5	Pass
				-20	120	1.753	0.0010	-2.5 to 2.5	Pass
				-10	120	2.760	0.0016	-2.5 to 2.5	Pass
				0	120	2.975	0.0017	-2.5 to 2.5	Pass
				10	120	3.589	0.0021	-2.5 to 2.5	Pass
				30	120	3.574	0.0020	-2.5 to 2.5	Pass
				40	120	2.901	0.0017	-2.5 to 2.5	Pass
				50	120	2.840	0.0016	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	102	-3.249	-0.0019	-2.5 to 2.5	Pass
					120	-3.673	-0.0021	-2.5 to 2.5	Pass
					138	-3.584	-0.0021	-2.5 to 2.5	Pass
				-30	120	-2.910	-0.0017	-2.5 to 2.5	Pass
				-20	120	-2.881	-0.0017	-2.5 to 2.5	Pass
				-10	120	-2.875	-0.0017	-2.5 to 2.5	Pass
				0	120	-2.699	-0.0016	-2.5 to 2.5	Pass
				10	120	-3.607	-0.0021	-2.5 to 2.5	Pass
				30	120	-2.247	-0.0013	-2.5 to 2.5	Pass
				40	120	-2.174	-0.0013	-2.5 to 2.5	Pass
				50	120	-3.372	-0.0020	-2.5 to 2.5	Pass
	1732.5	50	0	20	102	1.466	0.0008	-2.5 to 2.5	Pass

					120	1.573	0.0009	-2.5 to 2.5	Pass
					138	0.899	0.0005	-2.5 to 2.5	Pass
				-30	120	1.708	0.0010	-2.5 to 2.5	Pass
				-20	120	1.287	0.0007	-2.5 to 2.5	Pass
				-10	120	0.935	0.0005	-2.5 to 2.5	Pass
				0	120	0.063	0.0000	-2.5 to 2.5	Pass
				10	120	-0.248	-0.0001	-2.5 to 2.5	Pass
				30	120	1.838	0.0011	-2.5 to 2.5	Pass
				40	120	1.277	0.0007	-2.5 to 2.5	Pass
				50	120	1.052	0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	102	2.513	0.0014	-2.5 to 2.5	Pass
					120	2.605	0.0015	-2.5 to 2.5	Pass
					138	2.619	0.0015	-2.5 to 2.5	Pass
				-30	120	3.341	0.0019	-2.5 to 2.5	Pass
				-20	120	2.334	0.0013	-2.5 to 2.5	Pass
				-10	120	1.695	0.0010	-2.5 to 2.5	Pass
				0	120	3.487	0.0020	-2.5 to 2.5	Pass
				10	120	2.322	0.0013	-2.5 to 2.5	Pass
				30	120	3.220	0.0018	-2.5 to 2.5	Pass
				40	120	3.284	0.0019	-2.5 to 2.5	Pass
				50	120	1.149	0.0007	-2.5 to 2.5	Pass

2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	102	0.105	0.0001	-2.5 to 2.5	Pass
					120	0.645	0.0004	-2.5 to 2.5	Pass
					138	0.112	0.0001	-2.5 to 2.5	Pass
				-30	120	-1.170	-0.0007	-2.5 to 2.5	Pass
				-20	120	-1.237	-0.0007	-2.5 to 2.5	Pass
				-10	120	0.523	0.0003	-2.5 to 2.5	Pass
				0	120	-0.741	-0.0004	-2.5 to 2.5	Pass
				10	120	0.321	0.0002	-2.5 to 2.5	Pass
				30	120	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	120	-0.835	-0.0005	-2.5 to 2.5	Pass
				50	120	-0.373	-0.0002	-2.5 to 2.5	Pass
	1732.5	75	0	20	102	0.850	0.0005	-2.5 to 2.5	Pass
					120	0.830	0.0005	-2.5 to 2.5	Pass
					138	0.500	0.0003	-2.5 to 2.5	Pass
				-30	120	0.447	0.0003	-2.5 to 2.5	Pass
				-20	120	0.479	0.0003	-2.5 to 2.5	Pass
				-10	120	0.312	0.0002	-2.5 to 2.5	Pass
				0	120	1.526	0.0009	-2.5 to 2.5	Pass
				10	120	0.937	0.0005	-2.5 to 2.5	Pass
				30	120	0.928	0.0005	-2.5 to 2.5	Pass
				40	120	0.845	0.0005	-2.5 to 2.5	Pass
				50	120	0.204	0.0001	-2.5 to 2.5	Pass
	1747.5	75	0	20	102	0.314	0.0002	-2.5 to 2.5	Pass
					120	0.664	0.0004	-2.5 to 2.5	Pass
					138	1.282	0.0007	-2.5 to 2.5	Pass
				-30	120	0.920	0.0005	-2.5 to 2.5	Pass

				-20	120	2.371	0.0014	-2.5 to 2.5	Pass
				-10	120	1.160	0.0007	-2.5 to 2.5	Pass
				0	120	0.442	0.0003	-2.5 to 2.5	Pass
				10	120	1.510	0.0009	-2.5 to 2.5	Pass
				30	120	0.931	0.0005	-2.5 to 2.5	Pass
				40	120	0.950	0.0005	-2.5 to 2.5	Pass
				50	120	0.477	0.0003	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	102	-1.122	-0.0007	-2.5 to 2.5	Pass
					120	0.577	0.0003	-2.5 to 2.5	Pass
					138	-0.402	-0.0002	-2.5 to 2.5	Pass
				-30	120	-0.030	0.0000	-2.5 to 2.5	Pass
				-20	120	1.228	0.0007	-2.5 to 2.5	Pass
				-10	120	0.837	0.0005	-2.5 to 2.5	Pass
				0	120	-0.313	-0.0002	-2.5 to 2.5	Pass
				10	120	-1.036	-0.0006	-2.5 to 2.5	Pass
				30	120	0.346	0.0002	-2.5 to 2.5	Pass
				40	120	-0.483	-0.0003	-2.5 to 2.5	Pass
				50	120	-1.699	-0.0010	-2.5 to 2.5	Pass
	1732.5	75	0	20	102	1.042	0.0006	-2.5 to 2.5	Pass
					120	1.950	0.0011	-2.5 to 2.5	Pass
					138	-0.075	0.0000	-2.5 to 2.5	Pass
				-30	120	1.658	0.0010	-2.5 to 2.5	Pass
				-20	120	1.436	0.0008	-2.5 to 2.5	Pass
				-10	120	0.825	0.0005	-2.5 to 2.5	Pass
				0	120	1.768	0.0010	-2.5 to 2.5	Pass
				10	120	1.037	0.0006	-2.5 to 2.5	Pass
				30	120	1.626	0.0009	-2.5 to 2.5	Pass
				40	120	0.115	0.0001	-2.5 to 2.5	Pass
				50	120	1.111	0.0006	-2.5 to 2.5	Pass
	1747.5	75	0	20	102	0.652	0.0004	-2.5 to 2.5	Pass
					120	0.727	0.0004	-2.5 to 2.5	Pass
					138	1.029	0.0006	-2.5 to 2.5	Pass
				-30	120	2.101	0.0012	-2.5 to 2.5	Pass
				-20	120	1.254	0.0007	-2.5 to 2.5	Pass
				-10	120	1.275	0.0007	-2.5 to 2.5	Pass
				0	120	1.246	0.0007	-2.5 to 2.5	Pass
				10	120	1.659	0.0009	-2.5 to 2.5	Pass
				30	120	1.636	0.0009	-2.5 to 2.5	Pass
				40	120	1.241	0.0007	-2.5 to 2.5	Pass
				50	120	-0.034	0.0000	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	102	0.100	0.0001	-2.5 to 2.5	Pass
					120	-0.975	-0.0006	-2.5 to 2.5	Pass
					138	-0.397	-0.0002	-2.5 to 2.5	Pass
				-30	120	-1.103	-0.0006	-2.5 to 2.5	Pass
				-20	120	-0.349	-0.0002	-2.5 to 2.5	Pass
				-10	120	0.840	0.0005	-2.5 to 2.5	Pass
				0	120	-0.276	-0.0002	-2.5 to 2.5	Pass
				10	120	-0.376	-0.0002	-2.5 to 2.5	Pass
				30	120	0.287	0.0002	-2.5 to 2.5	Pass
				40	120	0.563	0.0003	-2.5 to 2.5	Pass
				50	120	0.100	0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	20	102	1.980	0.0011	-2.5 to 2.5	Pass
					120	0.969	0.0006	-2.5 to 2.5	Pass
					138	1.367	0.0008	-2.5 to 2.5	Pass
				-30	120	1.136	0.0007	-2.5 to 2.5	Pass
				-20	120	2.022	0.0012	-2.5 to 2.5	Pass
				-10	120	0.920	0.0005	-2.5 to 2.5	Pass
				0	120	1.598	0.0009	-2.5 to 2.5	Pass

				10	120	0.636	0.0004	-2.5 to 2.5	Pass
				30	120	0.858	0.0005	-2.5 to 2.5	Pass
				40	120	1.282	0.0007	-2.5 to 2.5	Pass
				50	120	0.463	0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	102	0.807	0.0005	-2.5 to 2.5	Pass
					120	1.336	0.0008	-2.5 to 2.5	Pass
					138	-0.215	-0.0001	-2.5 to 2.5	Pass
				-30	120	-0.187	-0.0001	-2.5 to 2.5	Pass
				-20	120	1.607	0.0009	-2.5 to 2.5	Pass
				-10	120	1.660	0.0009	-2.5 to 2.5	Pass
				0	120	1.109	0.0006	-2.5 to 2.5	Pass
				10	120	0.370	0.0002	-2.5 to 2.5	Pass
				30	120	0.422	0.0002	-2.5 to 2.5	Pass
				40	120	0.094	0.0001	-2.5 to 2.5	Pass
				50	120	1.637	0.0009	-2.5 to 2.5	Pass

2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	102	2.268	0.0013	-2.5 to 2.5	Pass
					120	3.209	0.0019	-2.5 to 2.5	Pass
					138	1.605	0.0009	-2.5 to 2.5	Pass
				-30	120	3.471	0.0020	-2.5 to 2.5	Pass
				-20	120	2.441	0.0014	-2.5 to 2.5	Pass
				-10	120	0.923	0.0005	-2.5 to 2.5	Pass
				0	120	2.212	0.0013	-2.5 to 2.5	Pass
				10	120	2.781	0.0016	-2.5 to 2.5	Pass
				30	120	3.053	0.0018	-2.5 to 2.5	Pass
				40	120	2.686	0.0016	-2.5 to 2.5	Pass
				50	120	2.630	0.0015	-2.5 to 2.5	Pass
	1732.5	100	0	20	102	1.388	0.0008	-2.5 to 2.5	Pass
					120	0.376	0.0002	-2.5 to 2.5	Pass
					138	0.534	0.0003	-2.5 to 2.5	Pass
				-30	120	1.041	0.0006	-2.5 to 2.5	Pass
				-20	120	0.526	0.0003	-2.5 to 2.5	Pass
				-10	120	1.004	0.0006	-2.5 to 2.5	Pass
				0	120	-0.131	-0.0001	-2.5 to 2.5	Pass
				10	120	1.387	0.0008	-2.5 to 2.5	Pass
				30	120	0.829	0.0005	-2.5 to 2.5	Pass
				40	120	1.505	0.0009	-2.5 to 2.5	Pass
				50	120	0.484	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	102	-2.460	-0.0014	-2.5 to 2.5	Pass
					120	-2.841	-0.0016	-2.5 to 2.5	Pass
					138	-3.251	-0.0019	-2.5 to 2.5	Pass
				-30	120	-2.260	-0.0013	-2.5 to 2.5	Pass
				-20	120	-2.835	-0.0016	-2.5 to 2.5	Pass
				-10	120	-2.581	-0.0015	-2.5 to 2.5	Pass
				0	120	-3.214	-0.0018	-2.5 to 2.5	Pass
				10	120	-3.024	-0.0017	-2.5 to 2.5	Pass
				30	120	-2.605	-0.0015	-2.5 to 2.5	Pass
				40	120	-2.130	-0.0012	-2.5 to 2.5	Pass

				50	120	-2.718	-0.0016	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	102	2.547	0.0015	-2.5 to 2.5	Pass
					120	3.106	0.0018	-2.5 to 2.5	Pass
					138	3.081	0.0018	-2.5 to 2.5	Pass
				-30	120	1.890	0.0011	-2.5 to 2.5	Pass
				-20	120	1.888	0.0011	-2.5 to 2.5	Pass
				-10	120	3.043	0.0018	-2.5 to 2.5	Pass
				0	120	2.863	0.0017	-2.5 to 2.5	Pass
				10	120	3.372	0.0020	-2.5 to 2.5	Pass
				30	120	3.244	0.0019	-2.5 to 2.5	Pass
				40	120	2.206	0.0013	-2.5 to 2.5	Pass
				50	120	2.531	0.0015	-2.5 to 2.5	Pass
	1732.5	100	0	20	102	0.756	0.0004	-2.5 to 2.5	Pass
					120	0.561	0.0003	-2.5 to 2.5	Pass
					138	0.352	0.0002	-2.5 to 2.5	Pass
				-30	120	0.132	0.0001	-2.5 to 2.5	Pass
				-20	120	0.436	0.0003	-2.5 to 2.5	Pass
				-10	120	-0.801	-0.0005	-2.5 to 2.5	Pass
				0	120	0.195	0.0001	-2.5 to 2.5	Pass
				10	120	1.408	0.0008	-2.5 to 2.5	Pass
				30	120	-0.335	-0.0002	-2.5 to 2.5	Pass
				40	120	0.267	0.0002	-2.5 to 2.5	Pass
				50	120	0.679	0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	102	-2.642	-0.0015	-2.5 to 2.5	Pass
					120	-2.489	-0.0014	-2.5 to 2.5	Pass
					138	-2.455	-0.0014	-2.5 to 2.5	Pass
				-30	120	-3.095	-0.0018	-2.5 to 2.5	Pass
				-20	120	-2.294	-0.0013	-2.5 to 2.5	Pass
				-10	120	-3.171	-0.0018	-2.5 to 2.5	Pass
				0	120	-1.714	-0.0010	-2.5 to 2.5	Pass
				10	120	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	120	-2.474	-0.0014	-2.5 to 2.5	Pass
				40	120	-2.846	-0.0016	-2.5 to 2.5	Pass
				50	120	-2.643	-0.0015	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	102	2.397	0.0014	-2.5 to 2.5	Pass
					120	2.749	0.0016	-2.5 to 2.5	Pass
					138	1.423	0.0008	-2.5 to 2.5	Pass
				-30	120	1.455	0.0008	-2.5 to 2.5	Pass
				-20	120	3.479	0.0020	-2.5 to 2.5	Pass
				-10	120	1.452	0.0008	-2.5 to 2.5	Pass
				0	120	3.192	0.0019	-2.5 to 2.5	Pass
				10	120	1.323	0.0008	-2.5 to 2.5	Pass
				30	120	2.169	0.0013	-2.5 to 2.5	Pass
				40	120	1.788	0.0010	-2.5 to 2.5	Pass
				50	120	2.486	0.0014	-2.5 to 2.5	Pass
	1732.5	100	0	20	102	1.178	0.0007	-2.5 to 2.5	Pass
					120	-0.364	-0.0002	-2.5 to 2.5	Pass
					138	-0.455	-0.0003	-2.5 to 2.5	Pass
				-30	120	0.166	0.0001	-2.5 to 2.5	Pass
				-20	120	-0.441	-0.0003	-2.5 to 2.5	Pass
				-10	120	0.980	0.0006	-2.5 to 2.5	Pass
				0	120	-0.142	-0.0001	-2.5 to 2.5	Pass
				10	120	1.179	0.0007	-2.5 to 2.5	Pass
				30	120	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	120	0.503	0.0003	-2.5 to 2.5	Pass
				50	120	-0.096	-0.0001	-2.5 to 2.5	Pass
	1745	100	0	20	102	-2.364	-0.0014	-2.5 to 2.5	Pass
					120	-2.197	-0.0013	-2.5 to 2.5	Pass

					138	-2.330	-0.0013	-2.5 to 2.5	Pass
				-30	120	-2.322	-0.0013	-2.5 to 2.5	Pass
				-20	120	-1.940	-0.0011	-2.5 to 2.5	Pass
				-10	120	-1.668	-0.0010	-2.5 to 2.5	Pass
				0	120	-2.679	-0.0015	-2.5 to 2.5	Pass
				10	120	-2.350	-0.0013	-2.5 to 2.5	Pass
				30	120	-3.307	-0.0019	-2.5 to 2.5	Pass
				40	120	-2.804	-0.0016	-2.5 to 2.5	Pass
				50	120	-2.482	-0.0014	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band4_OBW

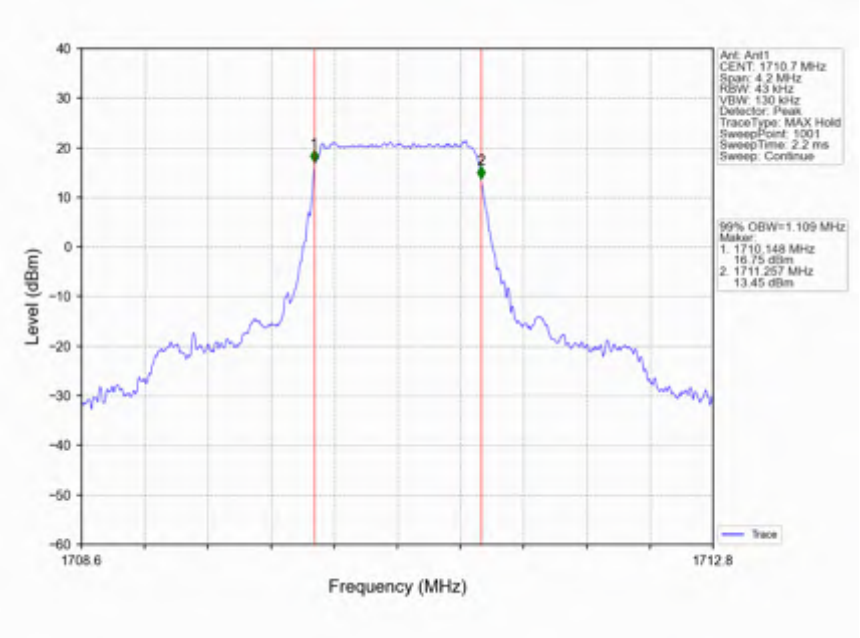
3.1.1 Test Result

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.109	/	Pass
		1732.5	6	0	1.114	/	Pass
		1754.3	6	0	1.118	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.107	/	Pass
	64QAM	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.119	/	Pass
		1754.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.738	/	Pass
		1732.5	15	0	2.743	/	Pass
		1753.5	15	0	2.735	/	Pass
	16QAM	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.736	/	Pass
		1753.5	15	0	2.733	/	Pass
	64QAM	1711.5	15	0	2.748	/	Pass
		1732.5	15	0	2.732	/	Pass
		1753.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.564	/	Pass
		1732.5	25	0	4.532	/	Pass
		1752.5	25	0	4.546	/	Pass
	16QAM	1712.5	25	0	4.534	/	Pass
		1732.5	25	0	4.556	/	Pass
		1752.5	25	0	4.573	/	Pass
	64QAM	1712.5	25	0	4.533	/	Pass
		1732.5	25	0	4.552	/	Pass
		1752.5	25	0	4.541	/	Pass
10	QPSK	1715	50	0	9.057	/	Pass
		1732.5	50	0	9.002	/	Pass
		1750	50	0	9.026	/	Pass
	16QAM	1715	50	0	9.061	/	Pass
		1732.5	50	0	9.011	/	Pass
		1750	50	0	9.048	/	Pass
	64QAM	1715	50	0	9.045	/	Pass
		1732.5	50	0	9.005	/	Pass
		1750	50	0	9.040	/	Pass

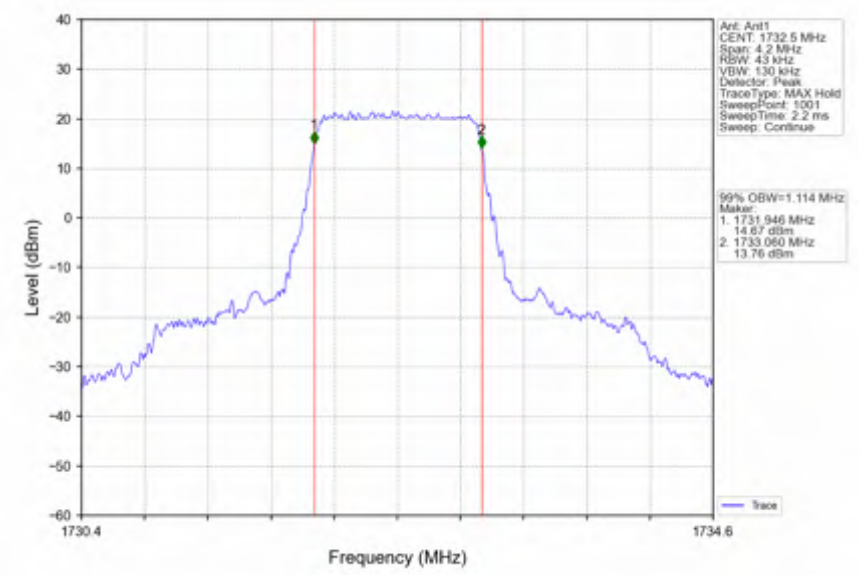
15	QPSK	1717.5	75	0	13.532	/	Pass
		1732.5	75	0	13.477	/	Pass
		1747.5	75	0	13.505	/	Pass
	16QAM	1717.5	75	0	13.518	/	Pass
		1732.5	75	0	13.507	/	Pass
		1747.5	75	0	13.554	/	Pass
	64QAM	1717.5	75	0	13.500	/	Pass
		1732.5	75	0	13.496	/	Pass
		1747.5	75	0	13.570	/	Pass
20	QPSK	1720	100	0	18.028	/	Pass
		1732.5	100	0	17.993	/	Pass
		1745	100	0	18.022	/	Pass
	16QAM	1720	100	0	18.083	/	Pass
		1732.5	100	0	17.981	/	Pass
		1745	100	0	18.028	/	Pass
	64QAM	1720	100	0	17.973	/	Pass
		1732.5	100	0	18.055	/	Pass
		1745	100	0	18.058	/	Pass

3.1.2 Test Graph

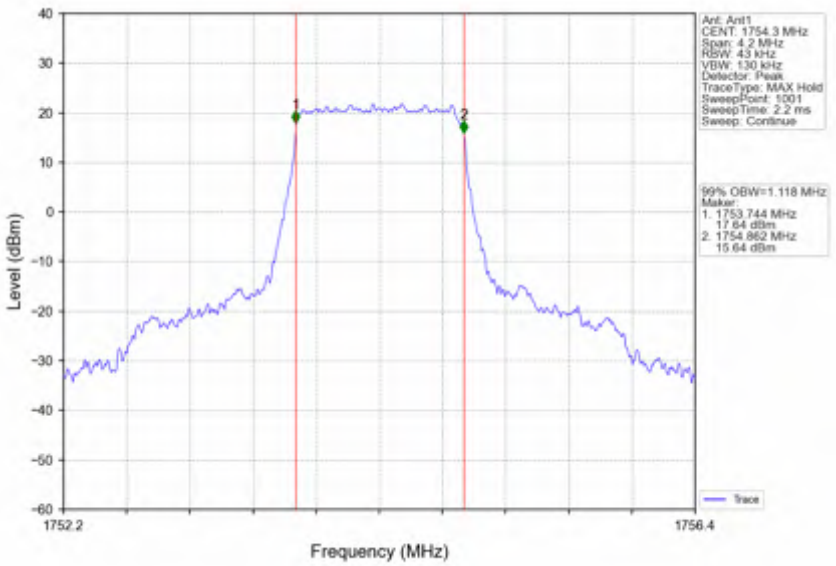
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



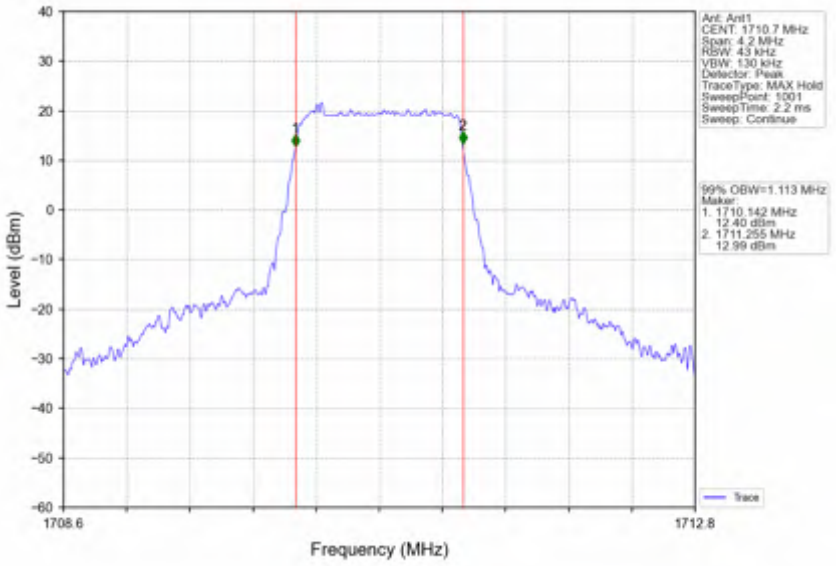
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



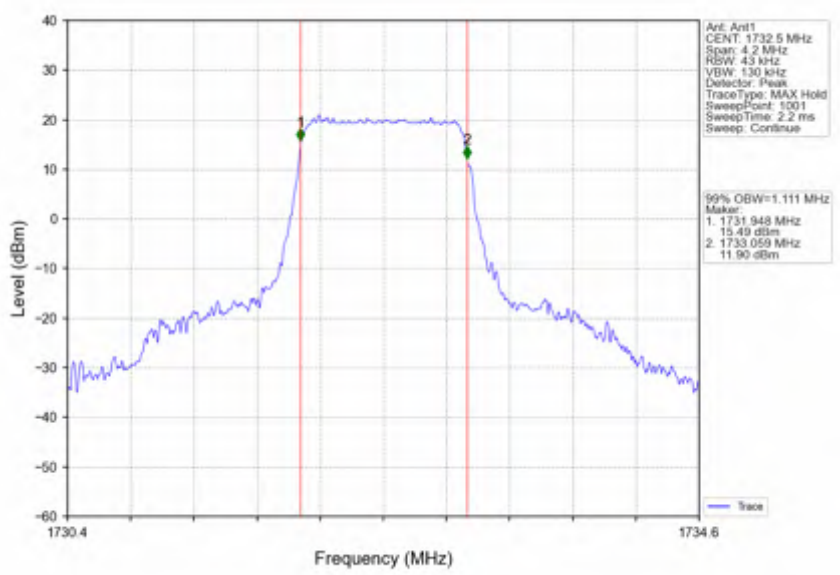
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



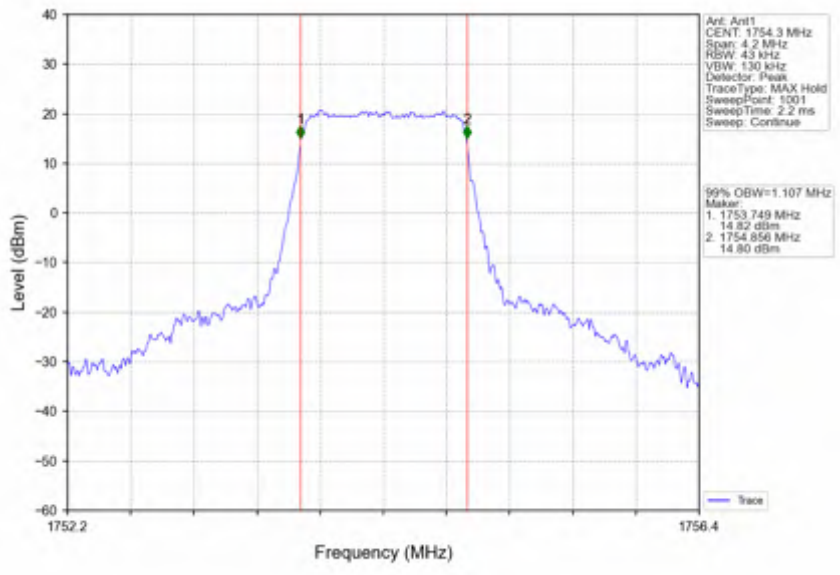
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



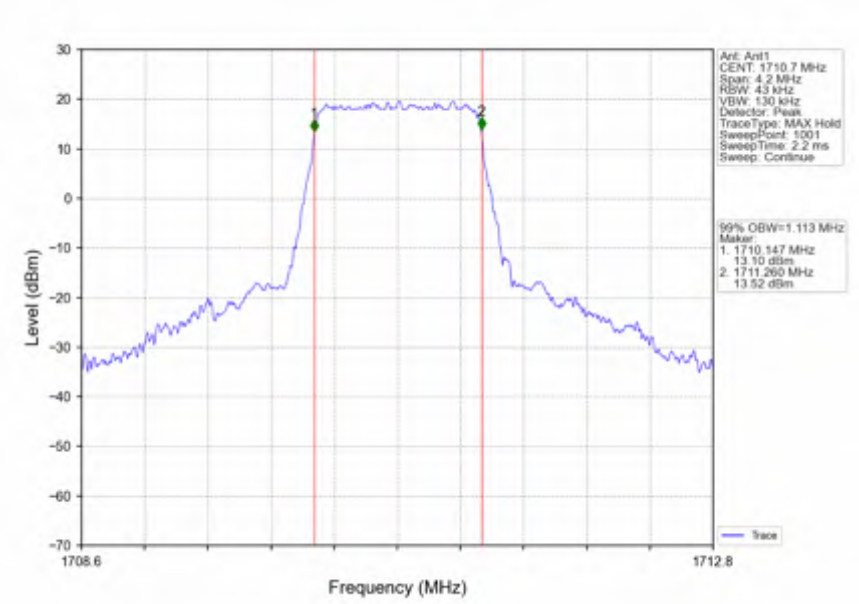
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



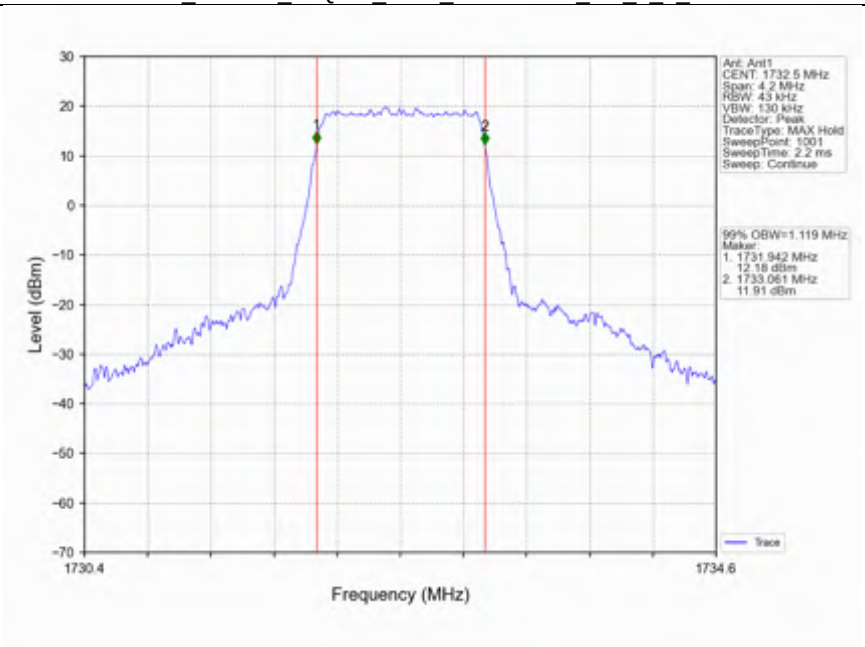
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



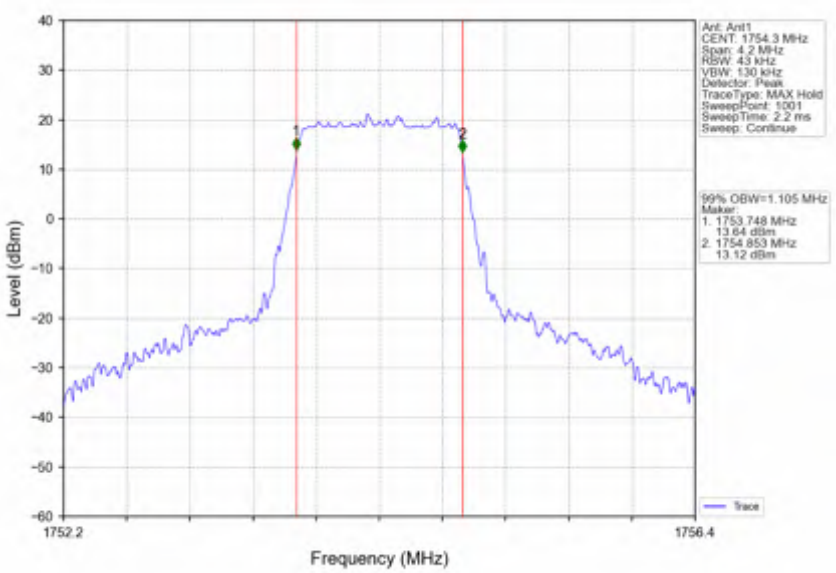
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



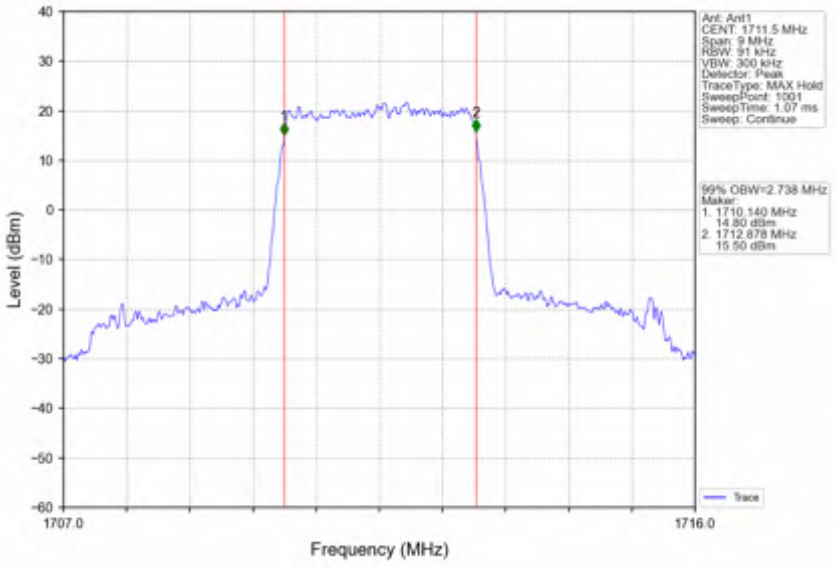
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



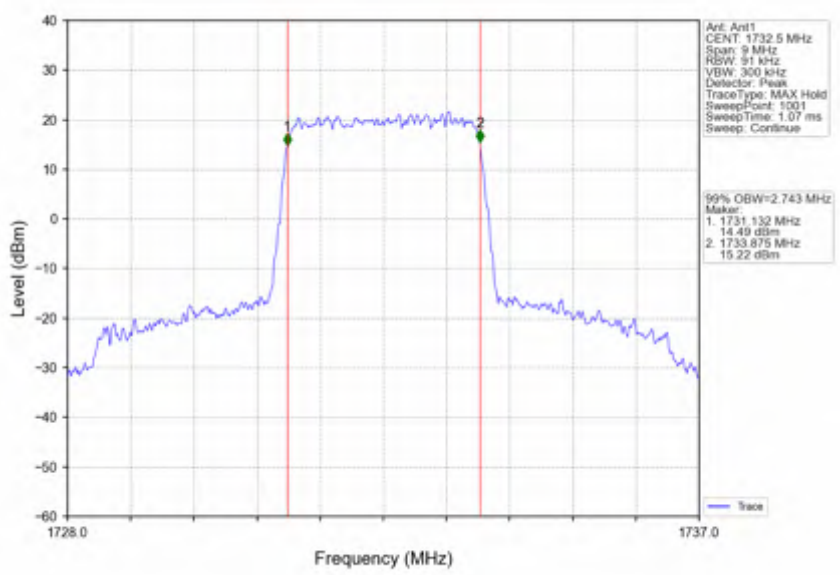
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



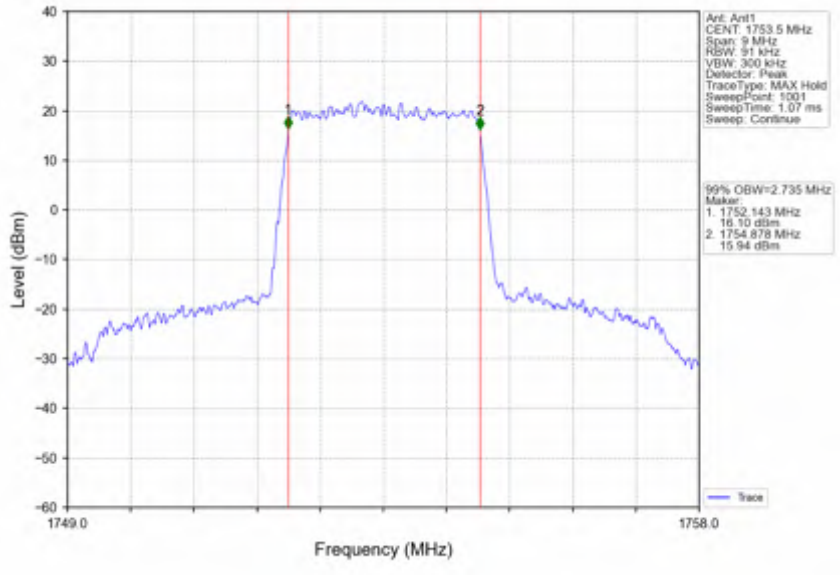
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



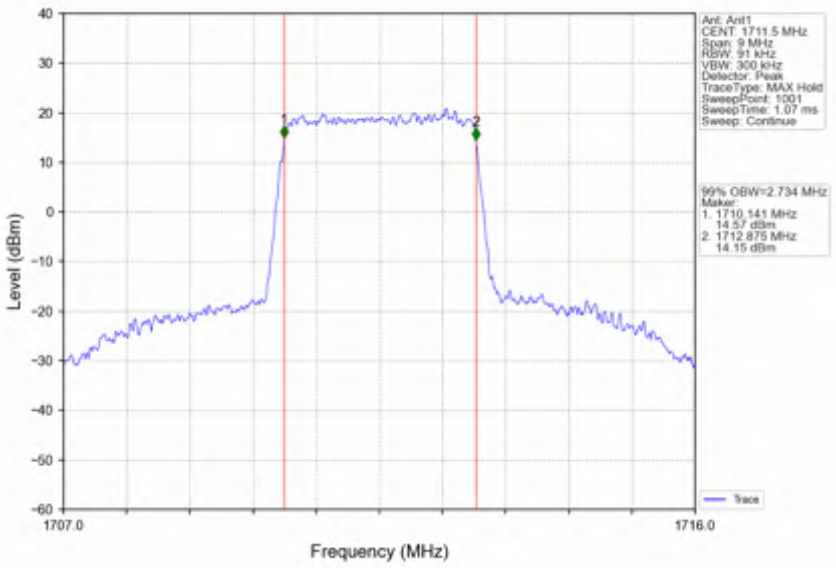
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



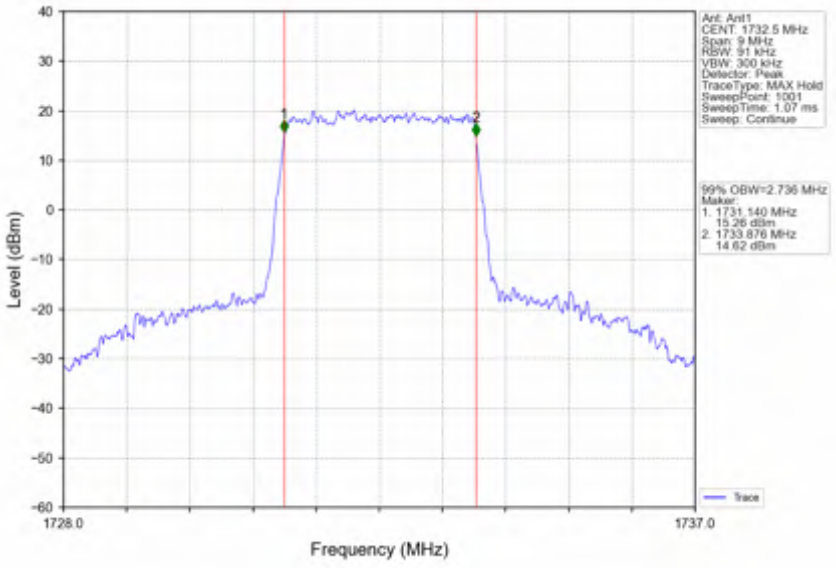
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



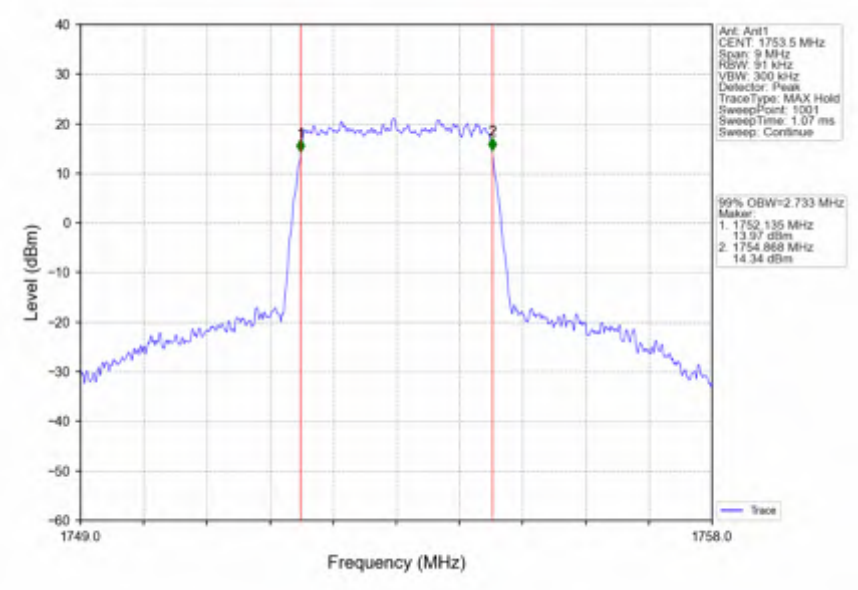
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



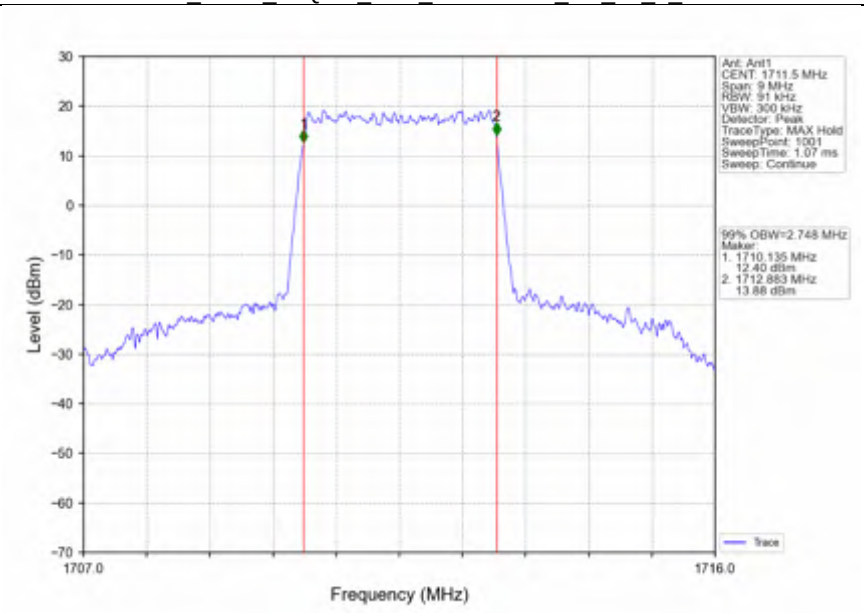
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



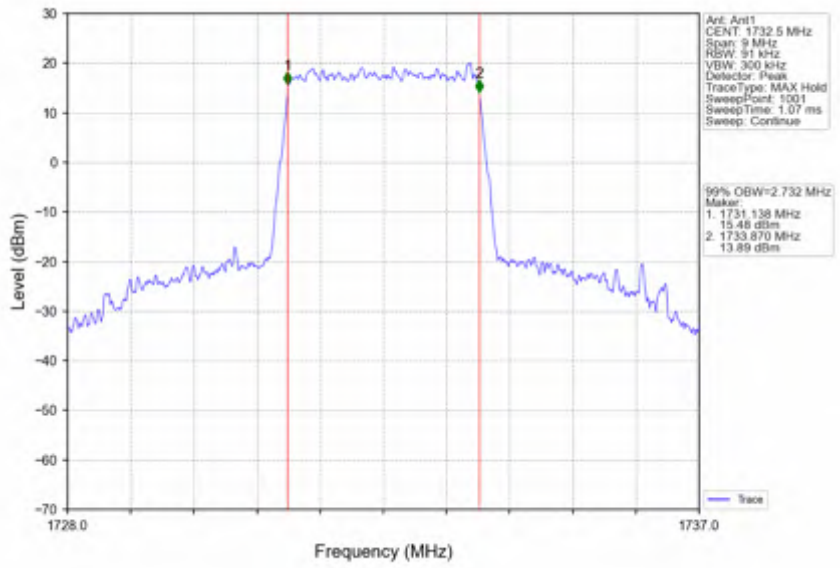
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



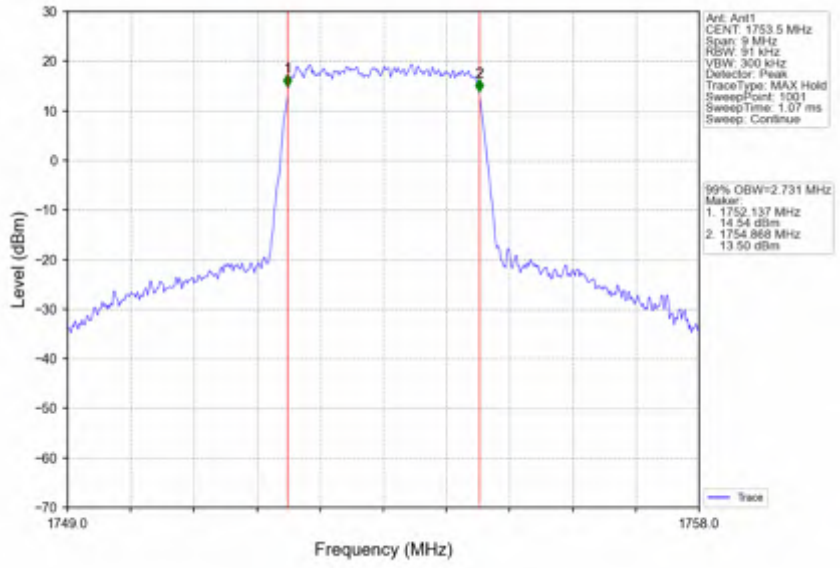
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



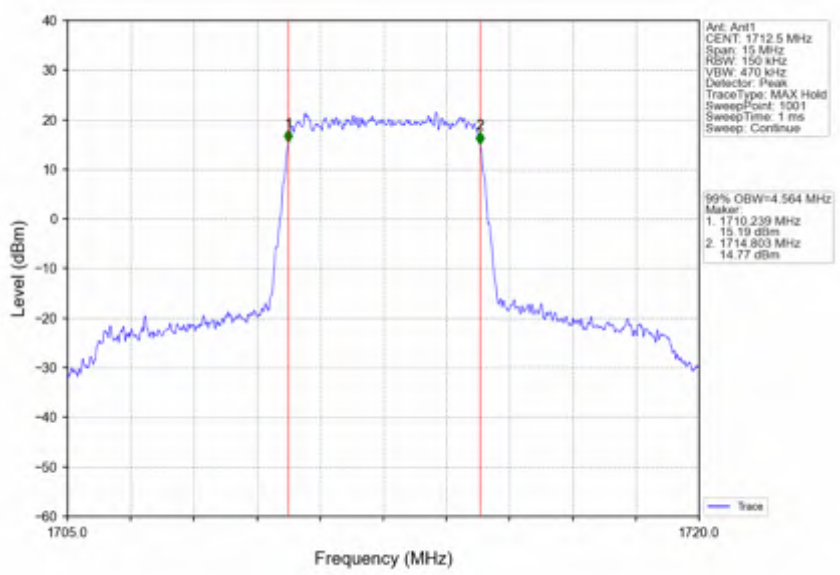
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



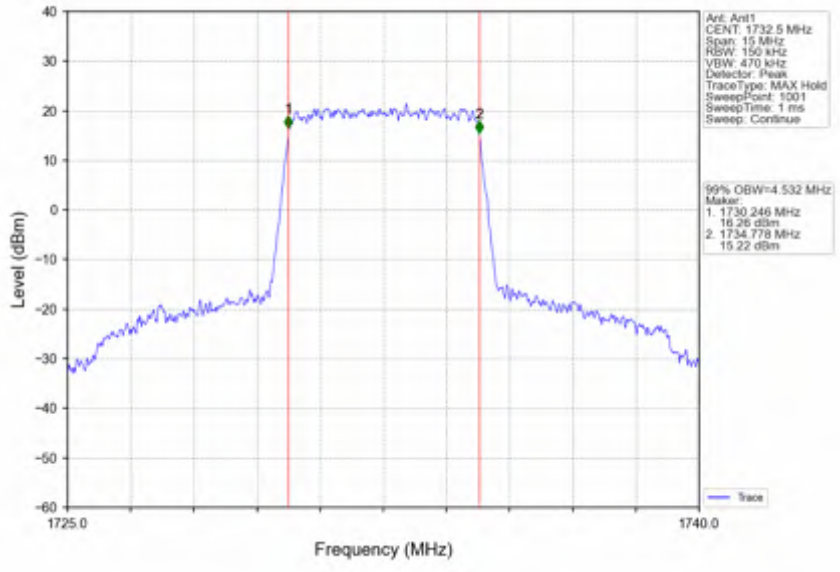
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



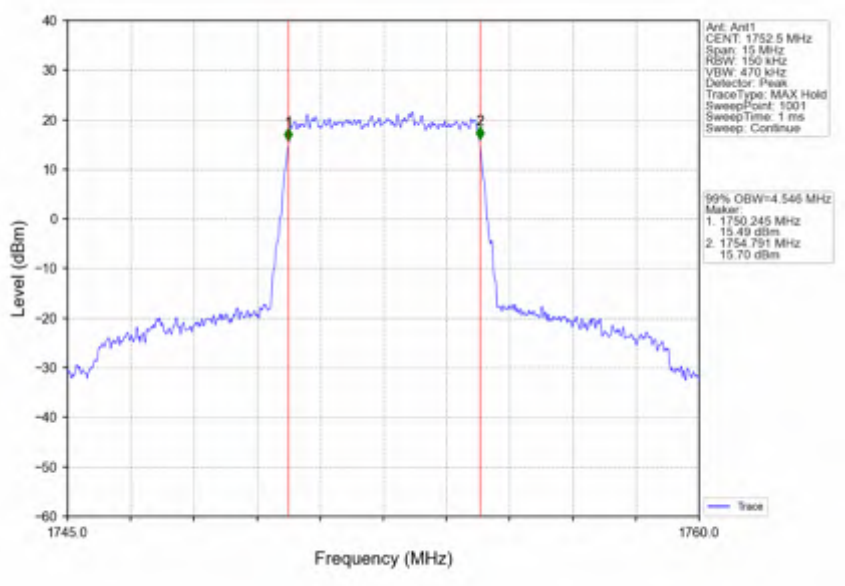
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



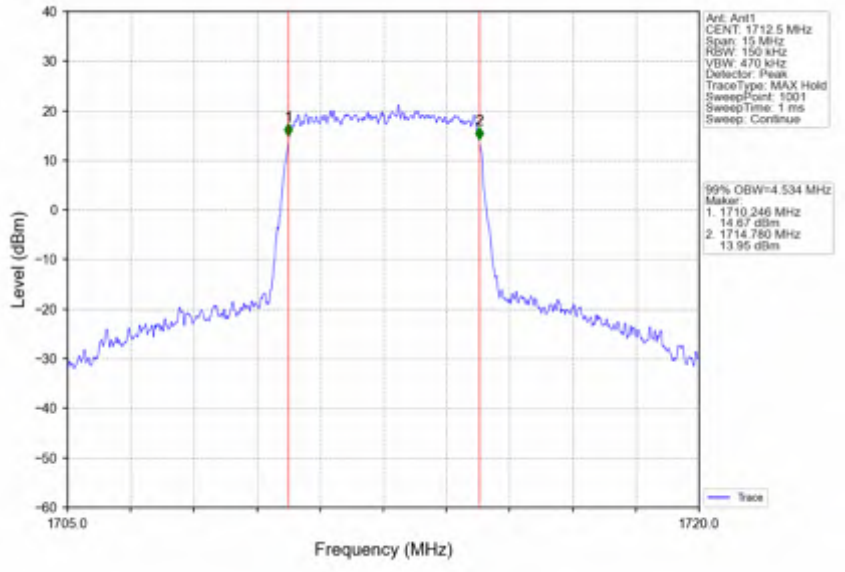
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



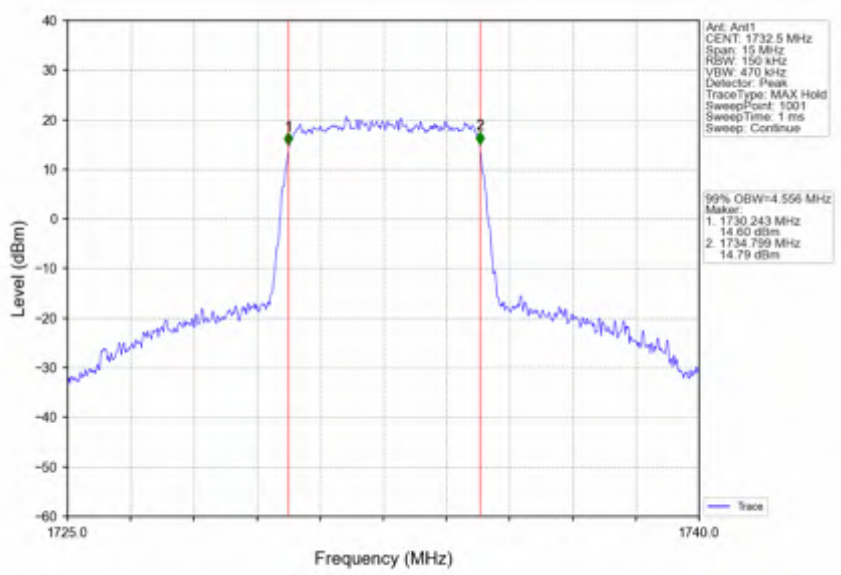
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



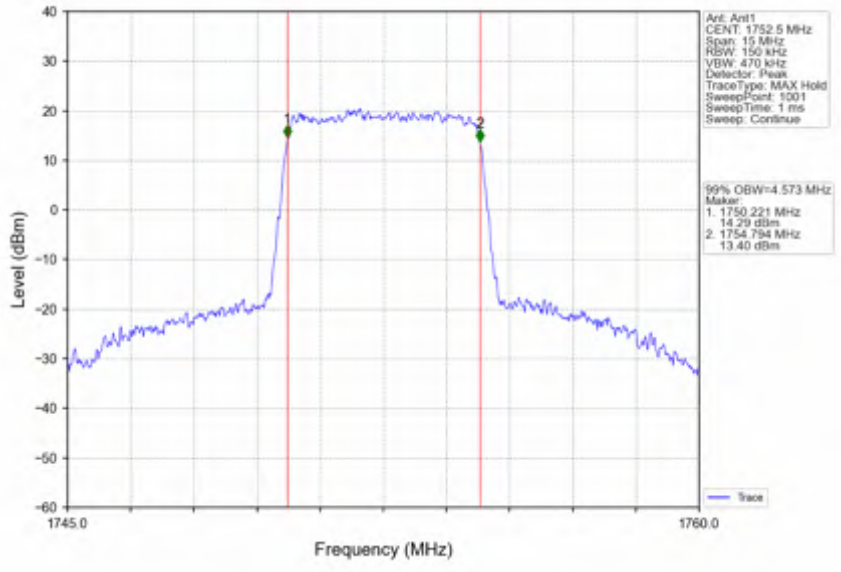
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



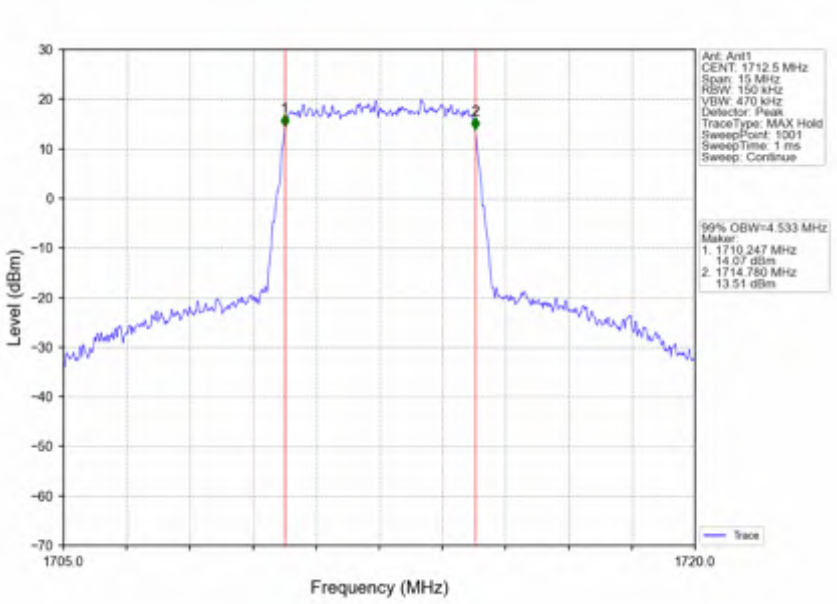
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



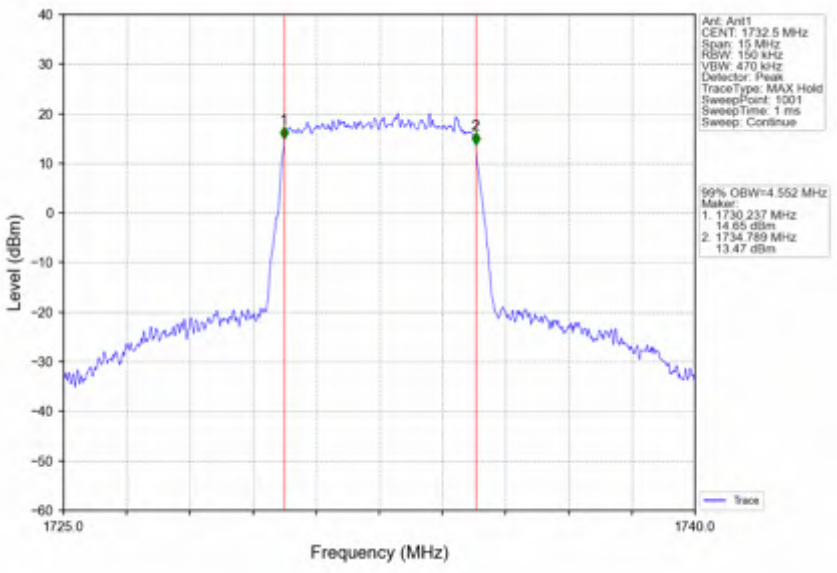
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



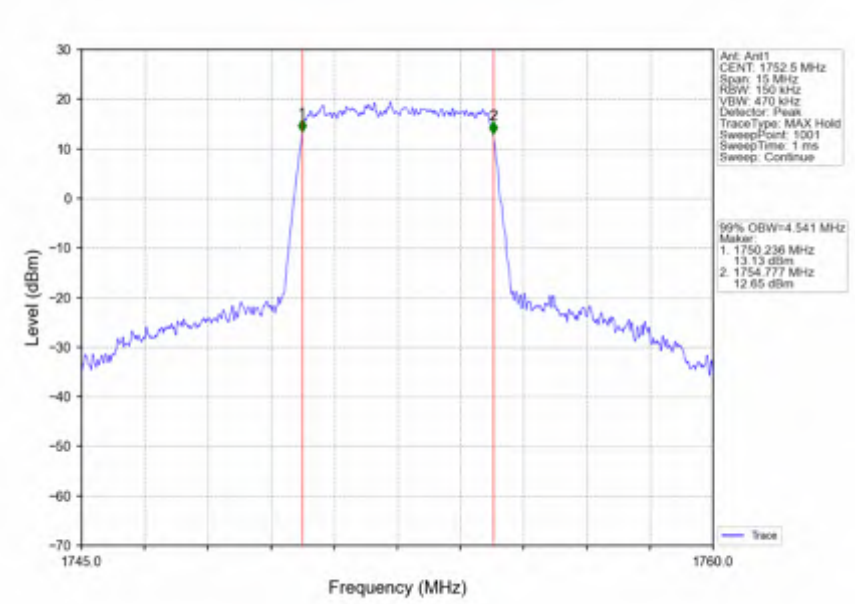
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



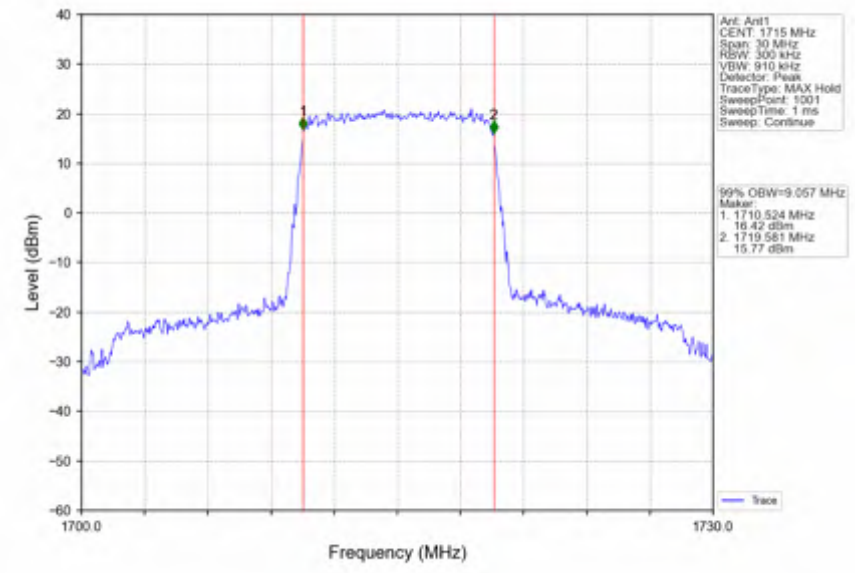
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



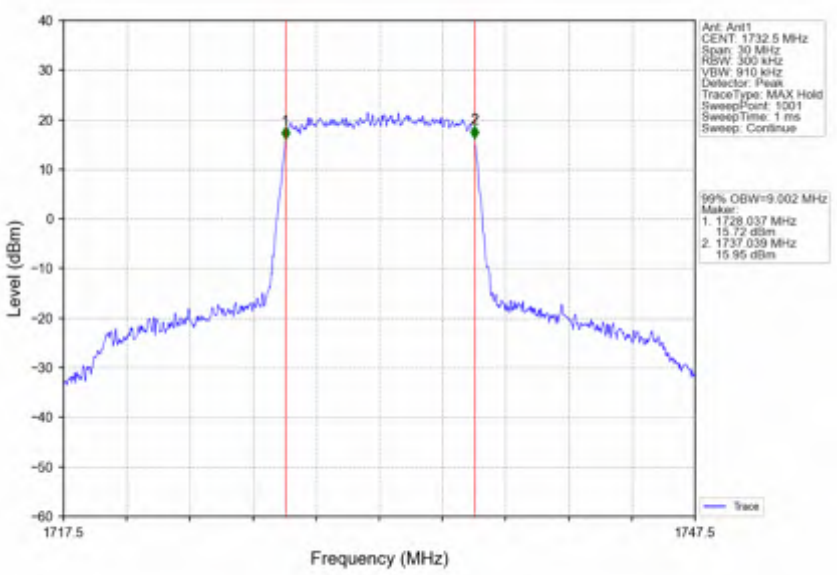
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



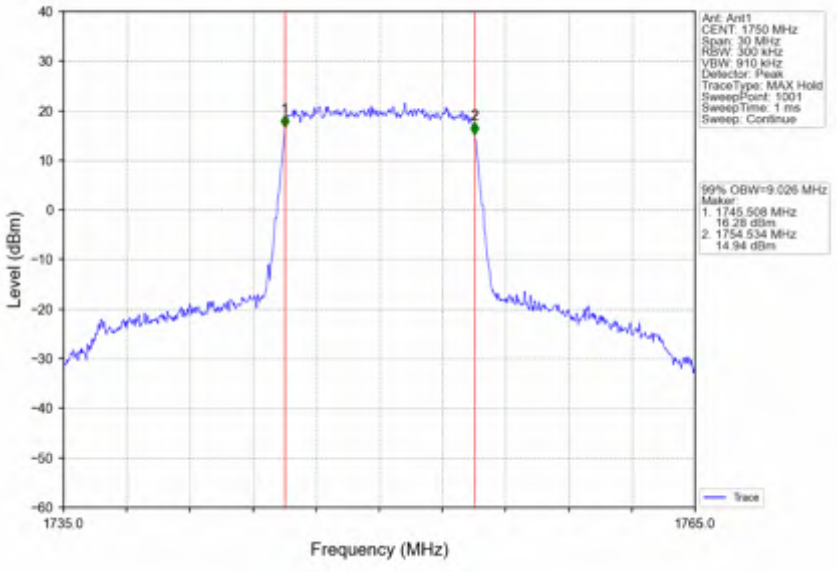
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



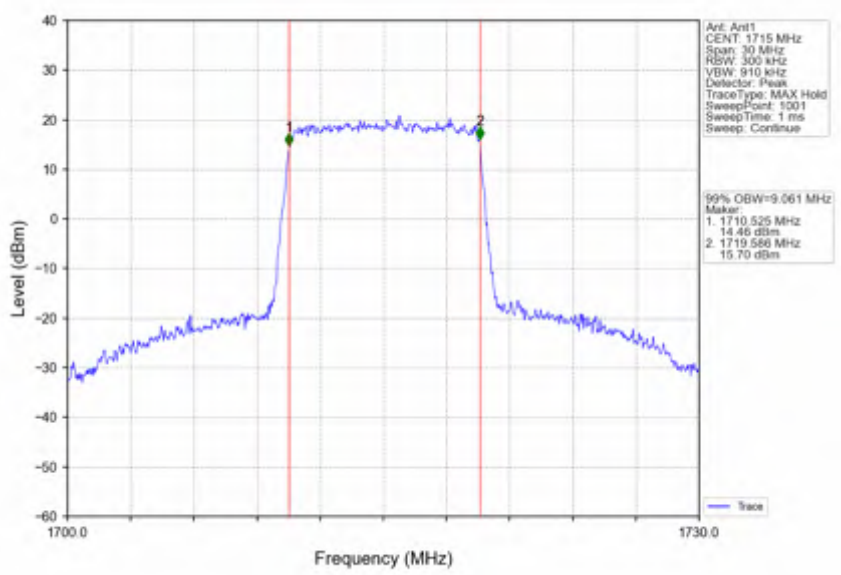
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



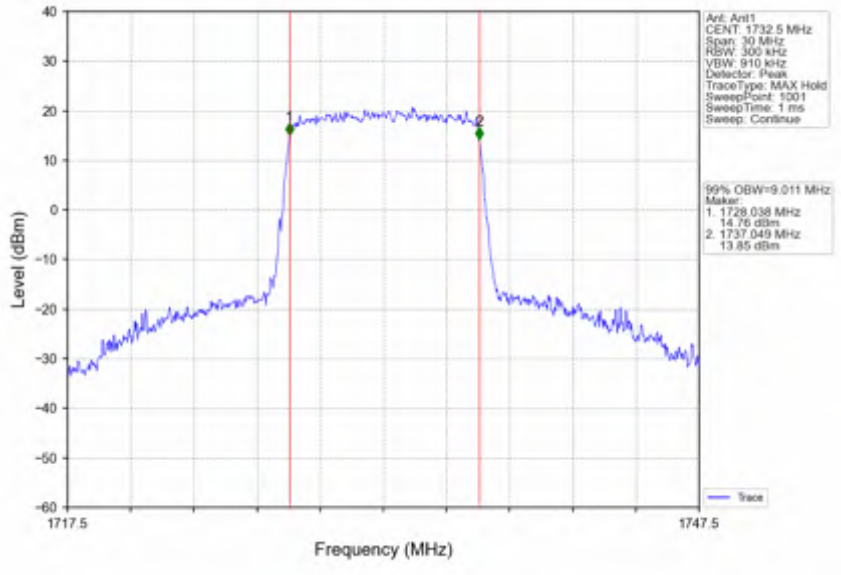
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



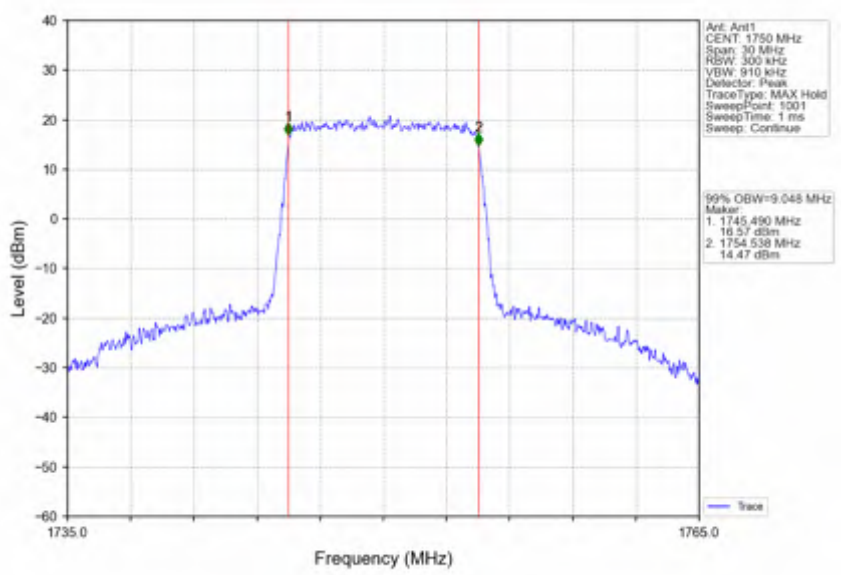
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



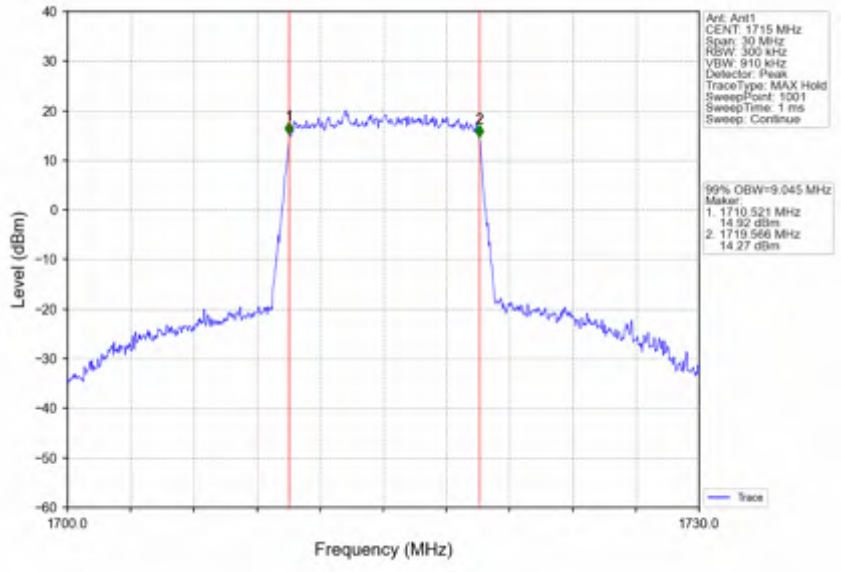
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



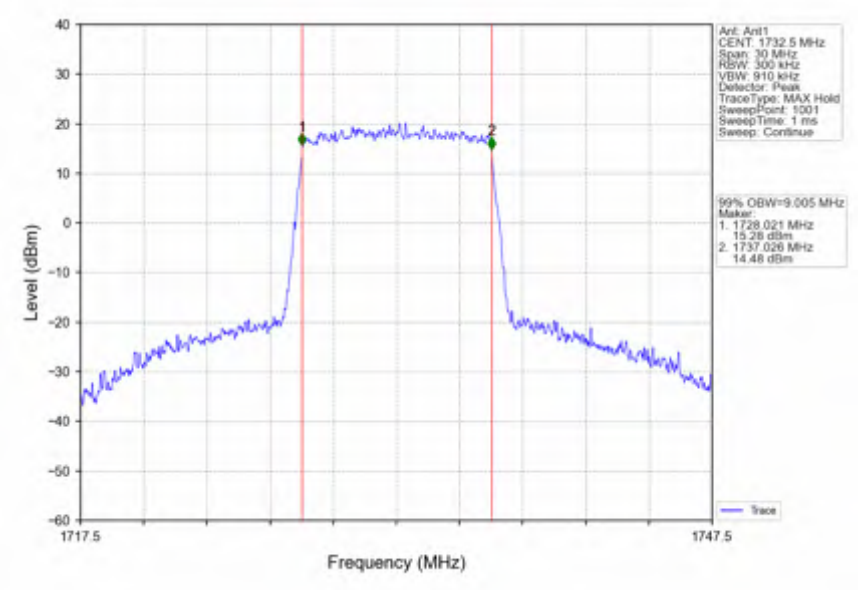
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



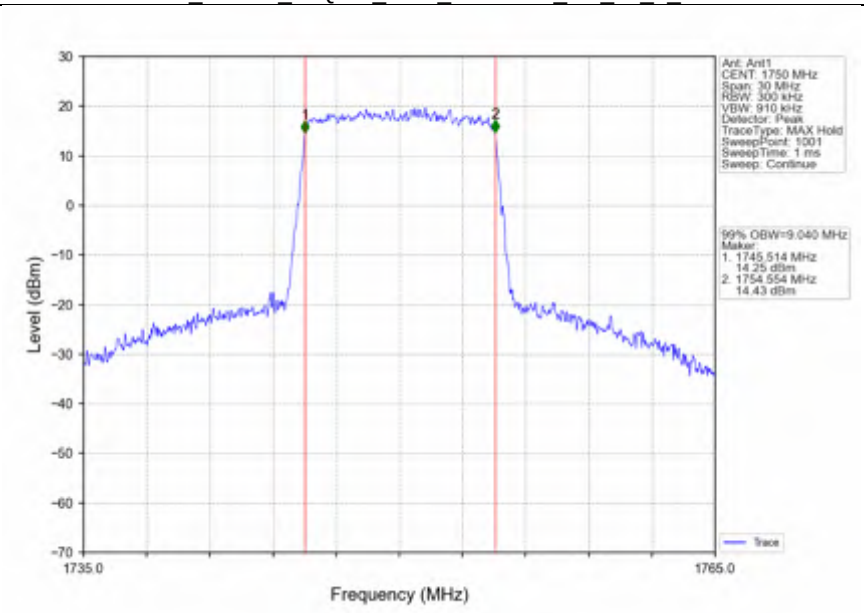
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



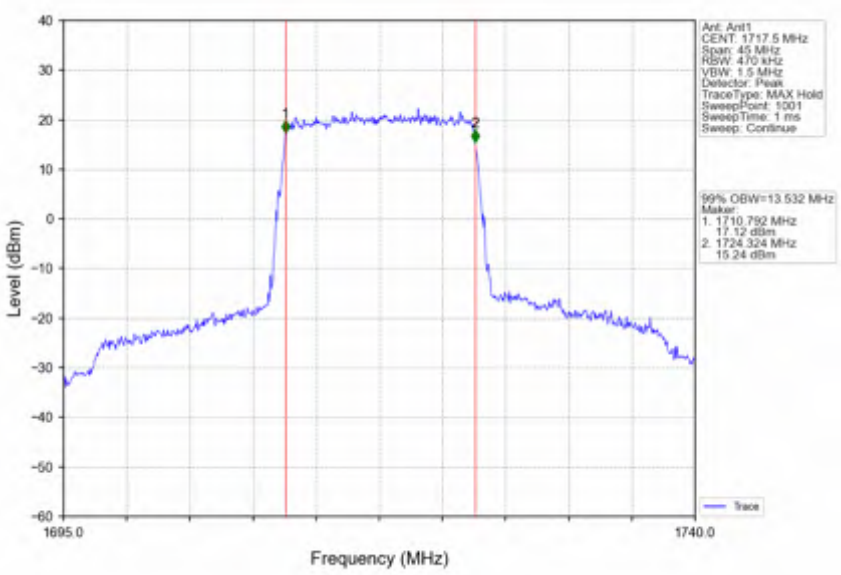
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



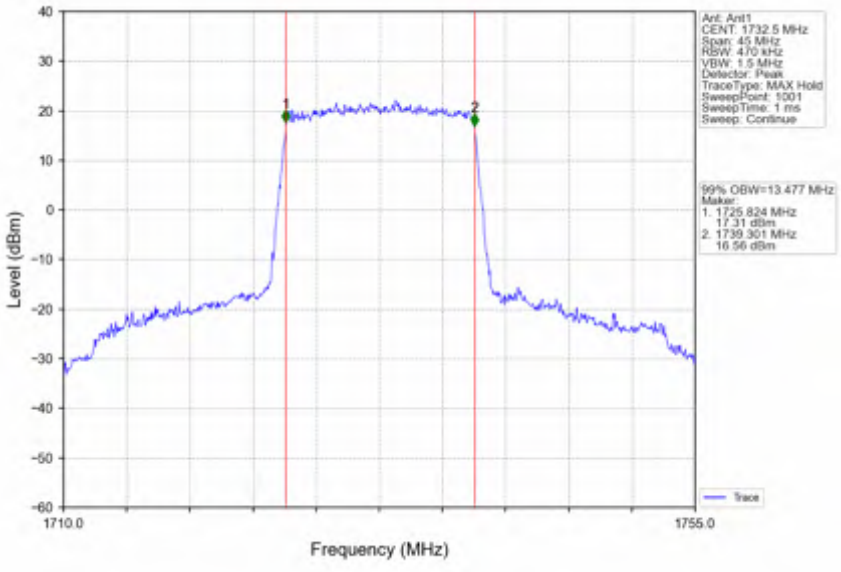
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



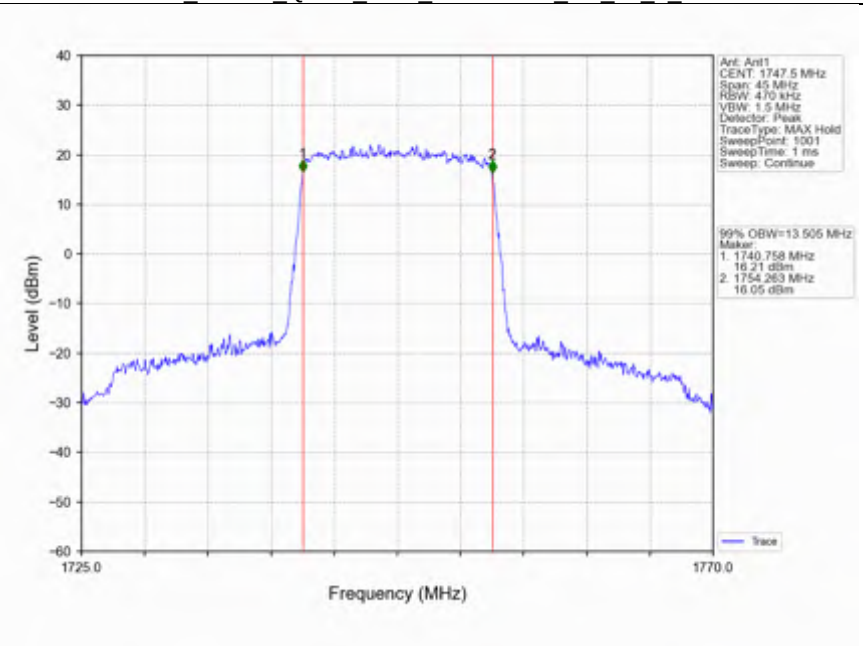
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



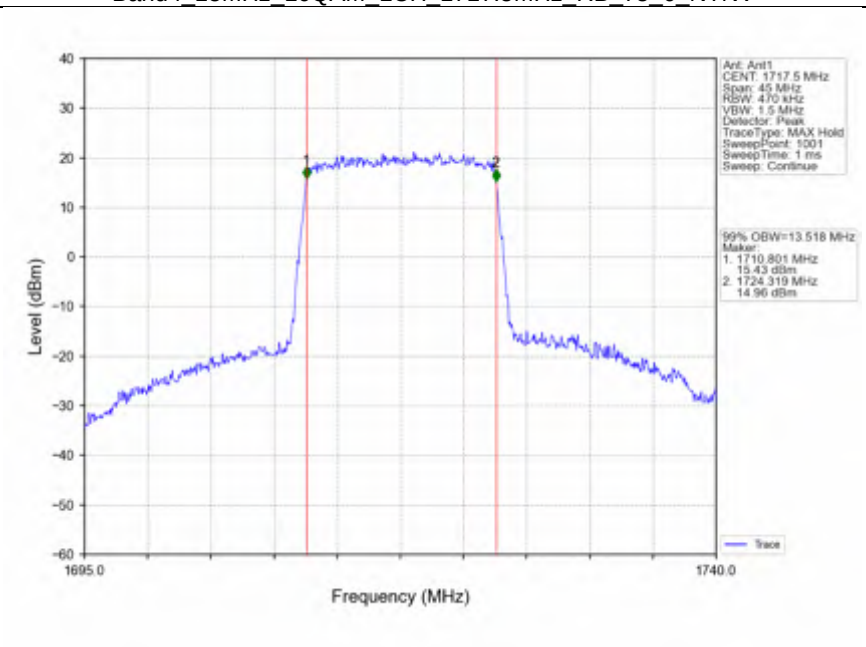
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



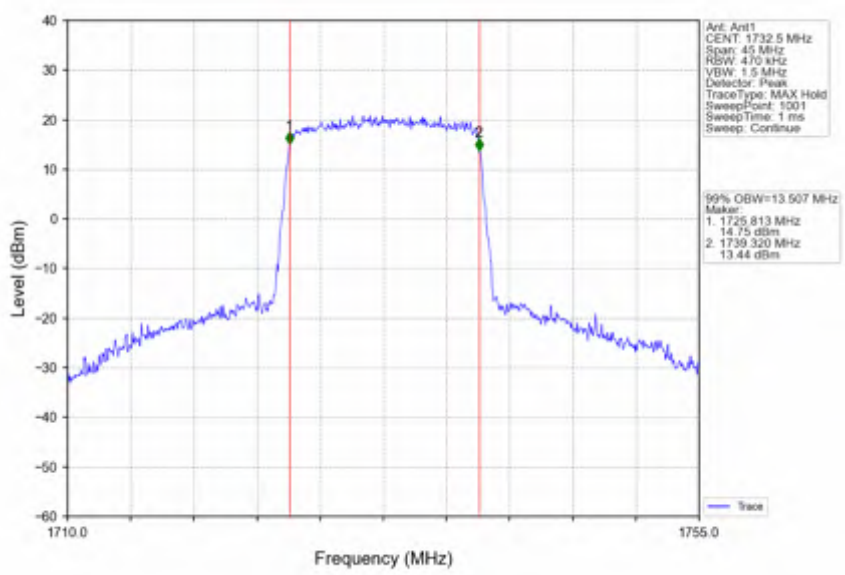
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



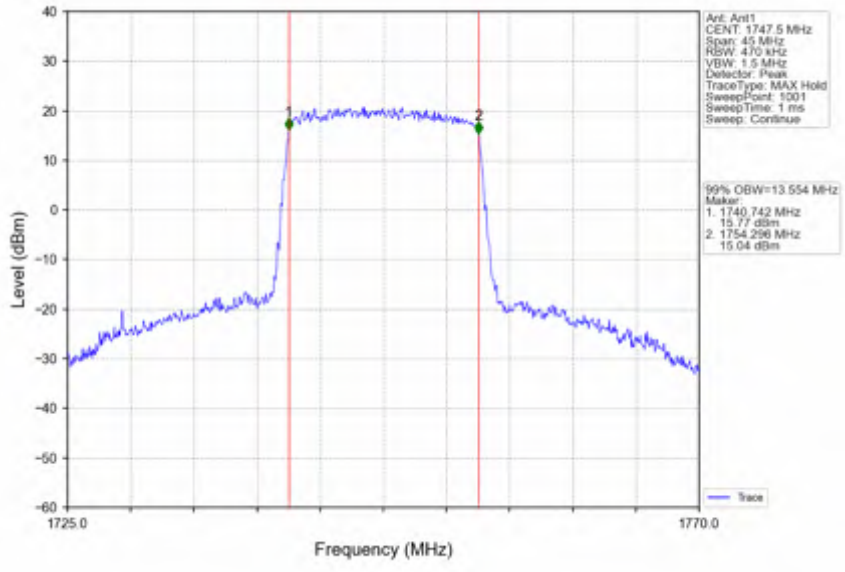
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



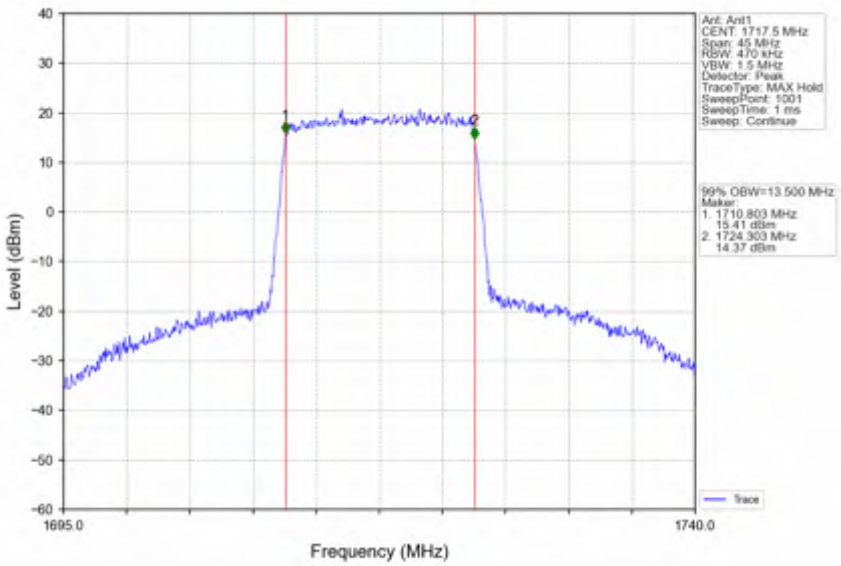
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



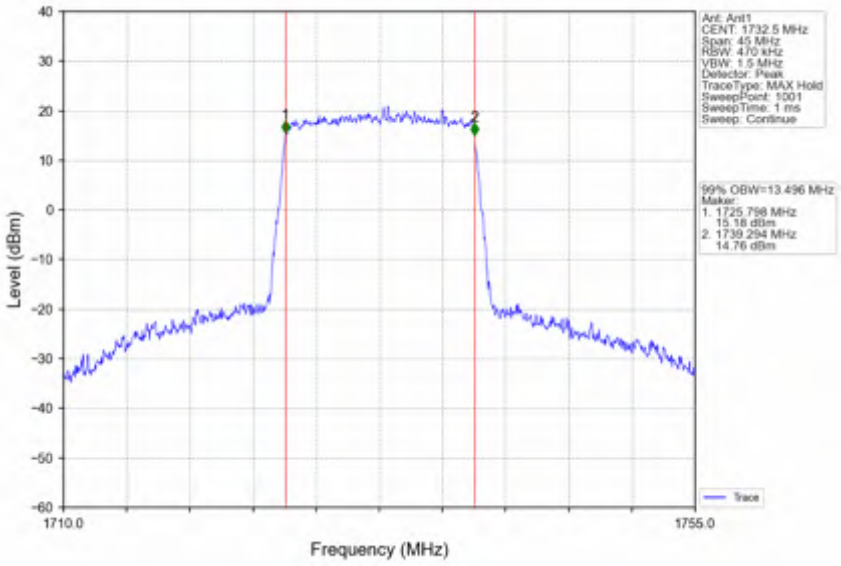
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



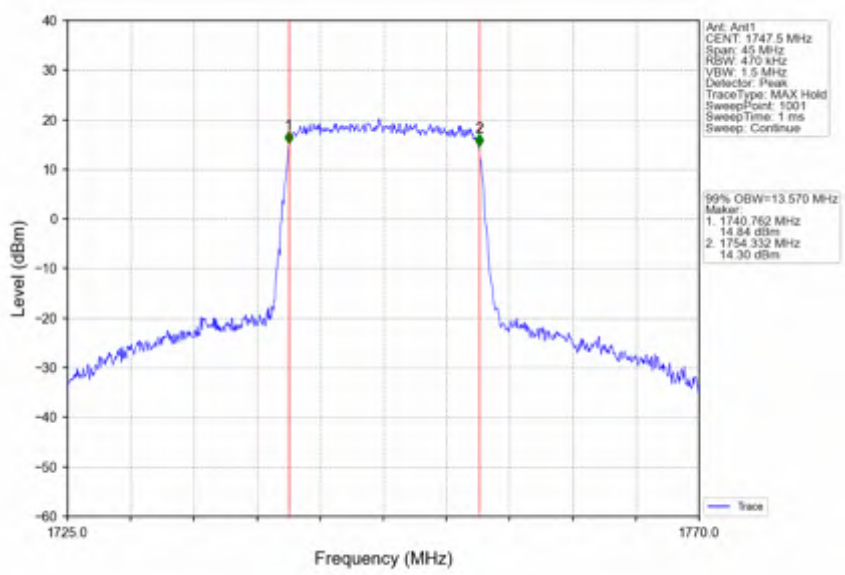
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



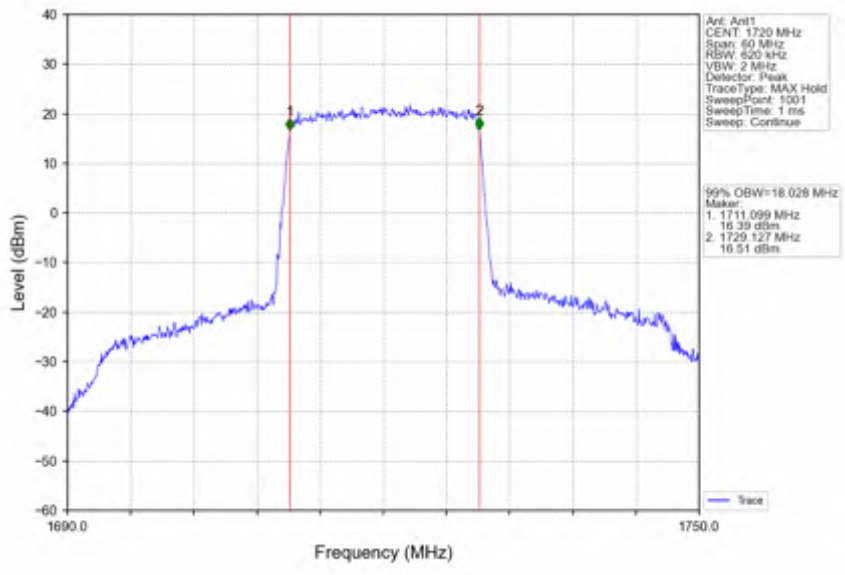
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



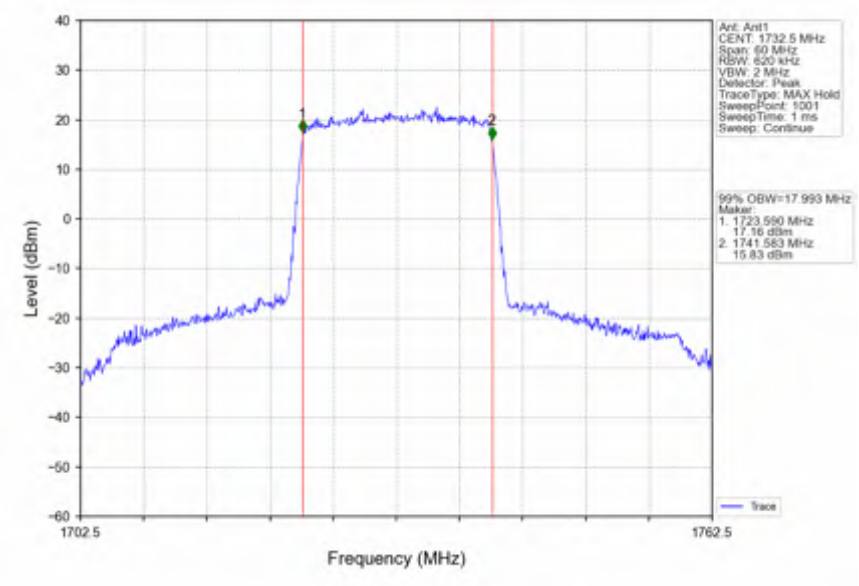
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



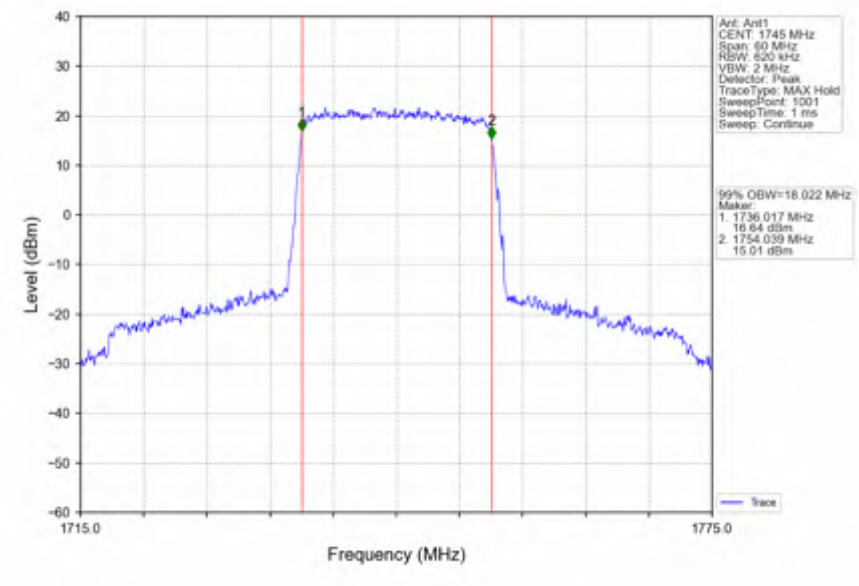
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



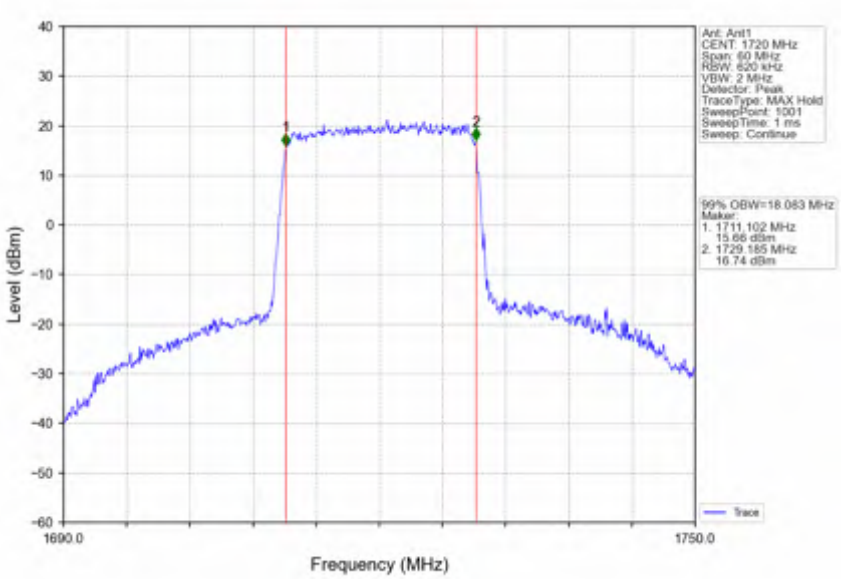
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



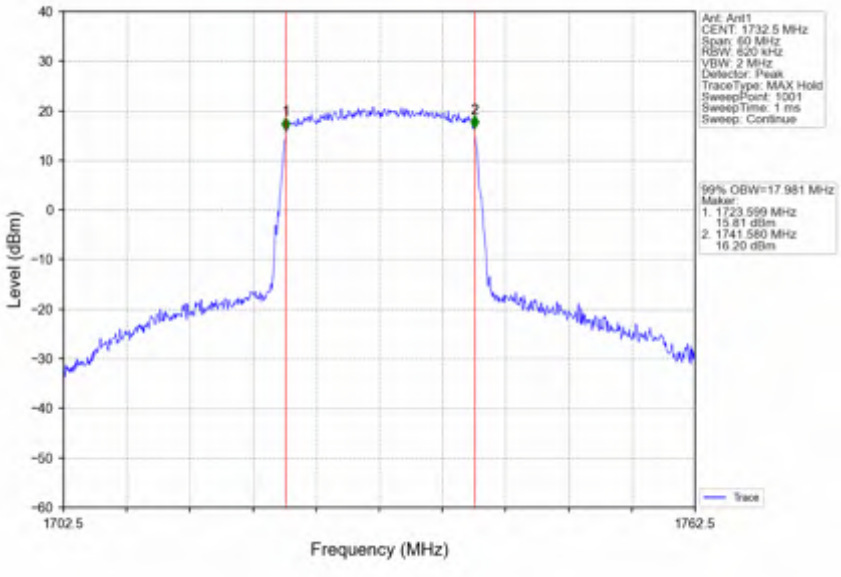
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



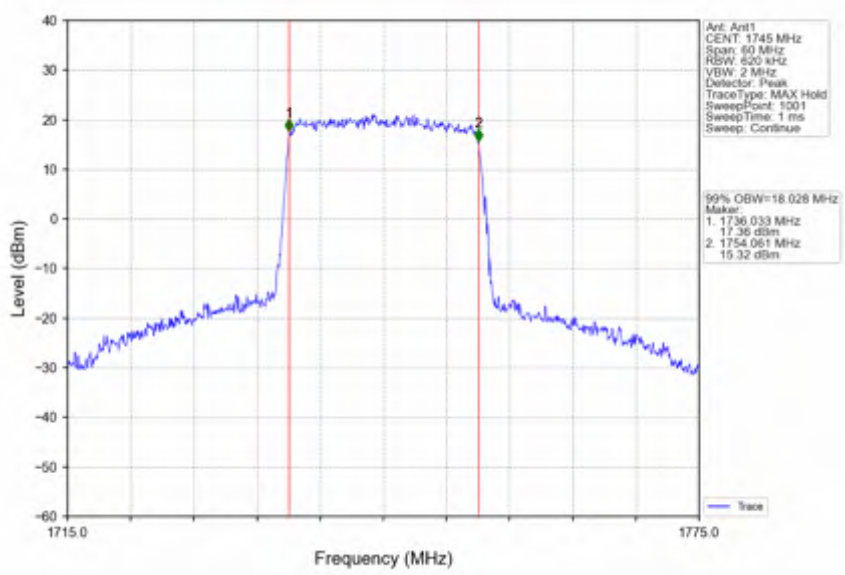
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



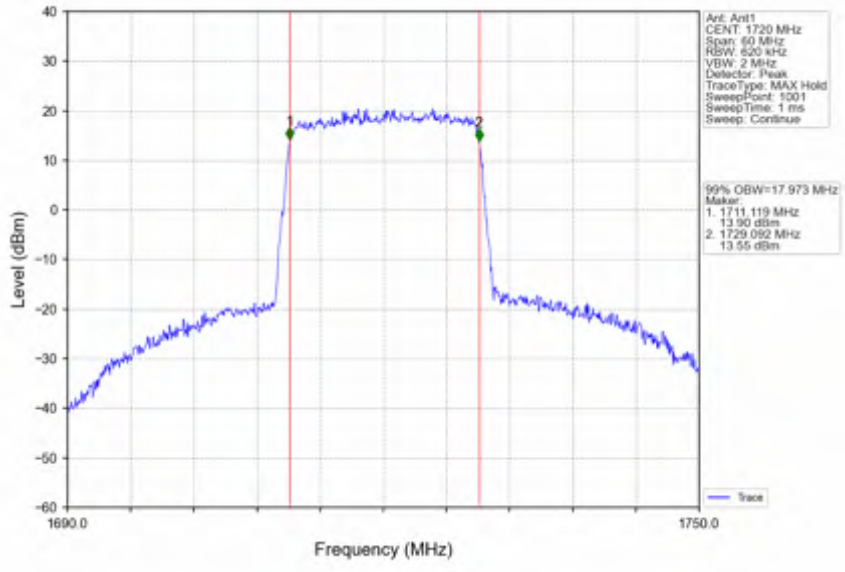
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



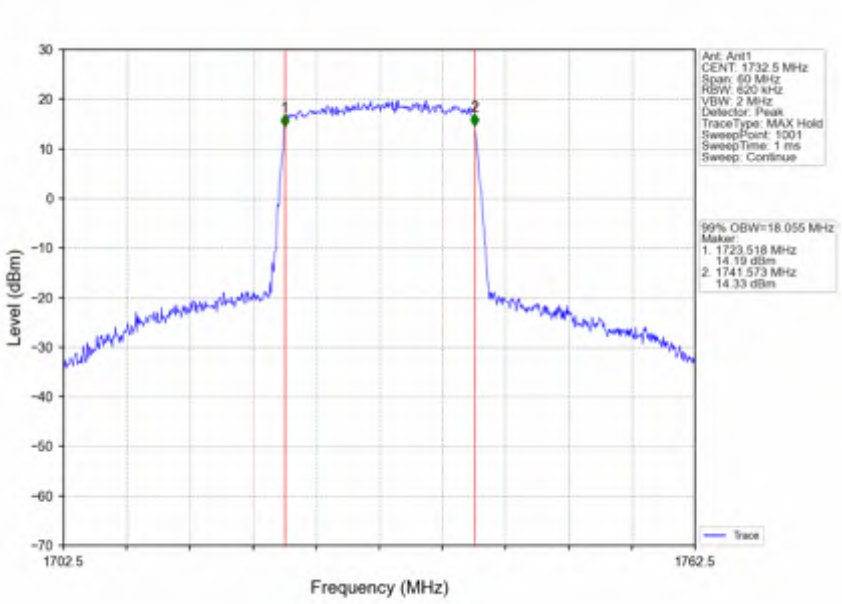
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



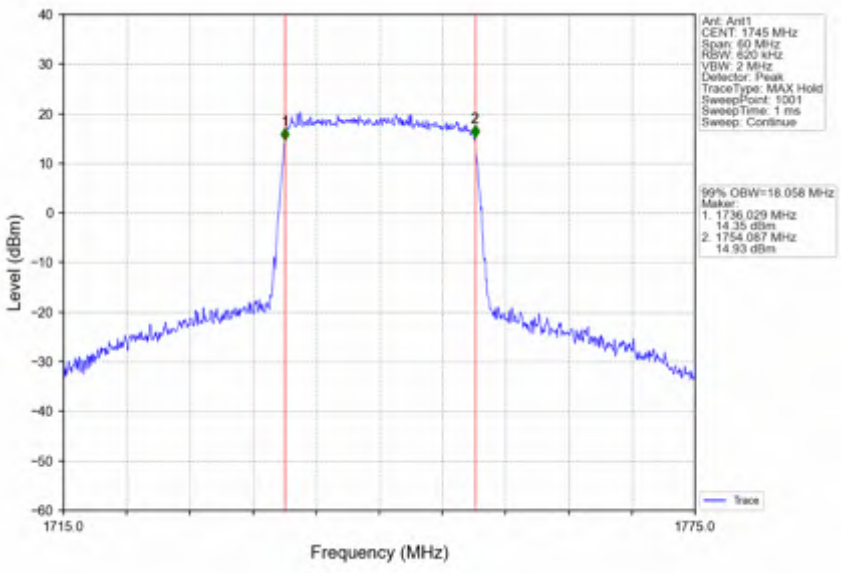
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



3.2 Band4_XDB

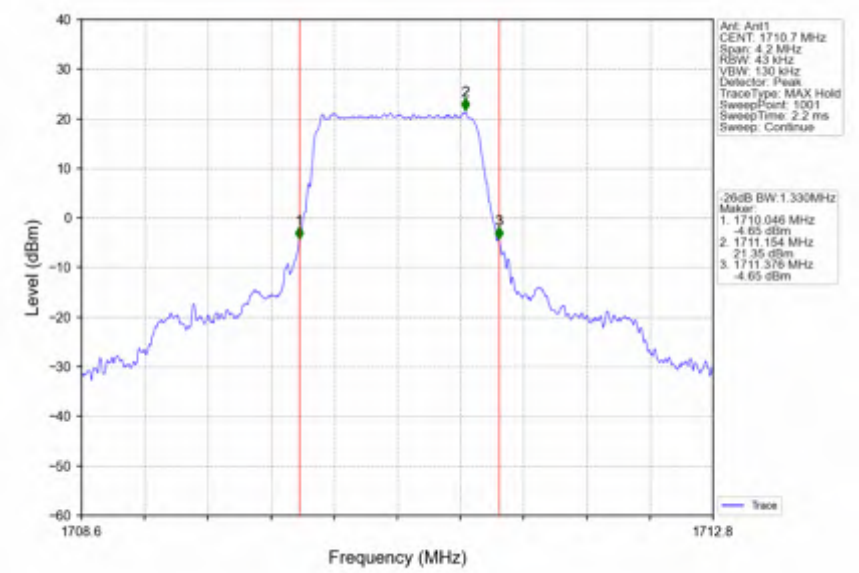
3.2.1 Test Result

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.330	/	Pass
		1732.5	6	0	1.326	/	Pass
		1754.3	6	0	1.317	/	Pass
	16QAM	1710.7	6	0	1.318	/	Pass
		1732.5	6	0	1.327	/	Pass
		1754.3	6	0	1.337	/	Pass
	64QAM	1710.7	6	0	1.328	/	Pass
		1732.5	6	0	1.333	/	Pass
		1754.3	6	0	1.303	/	Pass
3	QPSK	1711.5	15	0	3.056	/	Pass
		1732.5	15	0	3.042	/	Pass
		1753.5	15	0	3.048	/	Pass
	16QAM	1711.5	15	0	3.030	/	Pass
		1732.5	15	0	3.055	/	Pass
		1753.5	15	0	3.060	/	Pass
	64QAM	1711.5	15	0	3.057	/	Pass
		1732.5	15	0	3.042	/	Pass
		1753.5	15	0	3.057	/	Pass
5	QPSK	1712.5	25	0	5.071	/	Pass
		1732.5	25	0	5.069	/	Pass
		1752.5	25	0	5.085	/	Pass
	16QAM	1712.5	25	0	5.065	/	Pass
		1732.5	25	0	5.080	/	Pass
		1752.5	25	0	5.079	/	Pass
	64QAM	1712.5	25	0	5.083	/	Pass
		1732.5	25	0	5.072	/	Pass
		1752.5	25	0	5.090	/	Pass
10	QPSK	1715	50	0	10.117	/	Pass
		1732.5	50	0	9.979	/	Pass
		1750	50	0	9.998	/	Pass
	16QAM	1715	50	0	9.966	/	Pass
		1732.5	50	0	10.010	/	Pass
		1750	50	0	10.021	/	Pass
	64QAM	1715	50	0	10.012	/	Pass
		1732.5	50	0	9.948	/	Pass
		1750	50	0	10.048	/	Pass
15	QPSK	1717.5	75	0	14.984	/	Pass
		1732.5	75	0	14.884	/	Pass
		1747.5	75	0	14.948	/	Pass
	16QAM	1717.5	75	0	14.955	/	Pass
		1732.5	75	0	14.949	/	Pass
		1747.5	75	0	14.815	/	Pass
	64QAM	1717.5	75	0	14.834	/	Pass
		1732.5	75	0	14.850	/	Pass
		1747.5	75	0	14.833	/	Pass
20	QPSK	1720	100	0	19.761	/	Pass
		1732.5	100	0	19.744	/	Pass

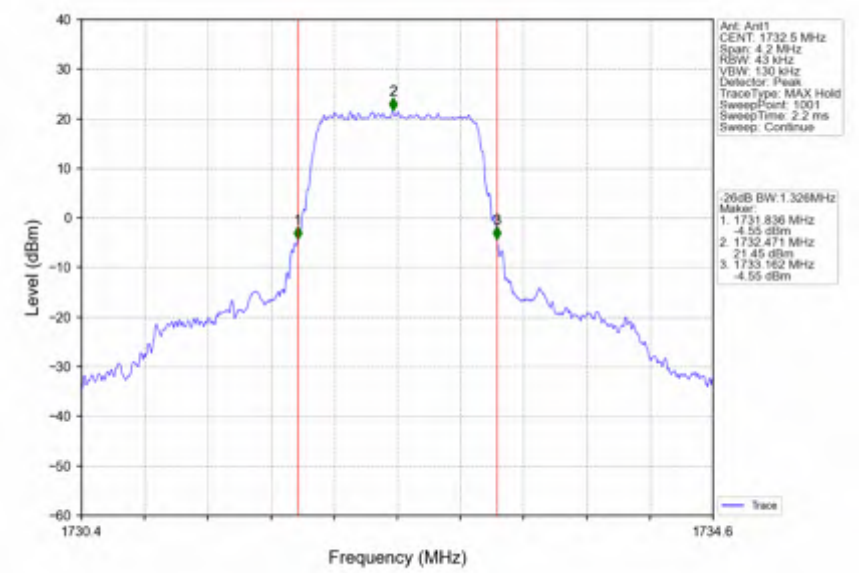
		1745	100	0	19.928	/	Pass
	16QAM	1720	100	0	19.731	/	Pass
		1732.5	100	0	19.938	/	Pass
		1745	100	0	19.737	/	Pass
	64QAM	1720	100	0	19.707	/	Pass
		1732.5	100	0	19.720	/	Pass
		1745	100	0	19.624	/	Pass

3.2.2 Test Graph

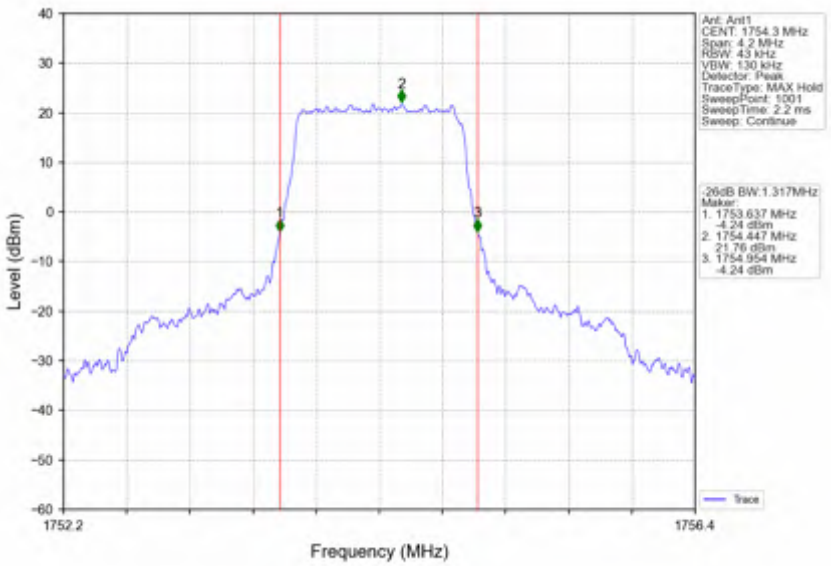
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



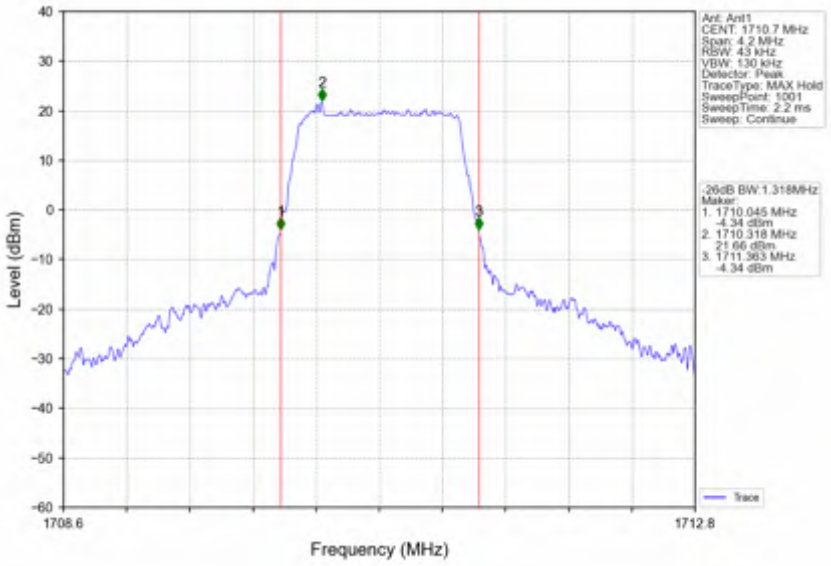
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



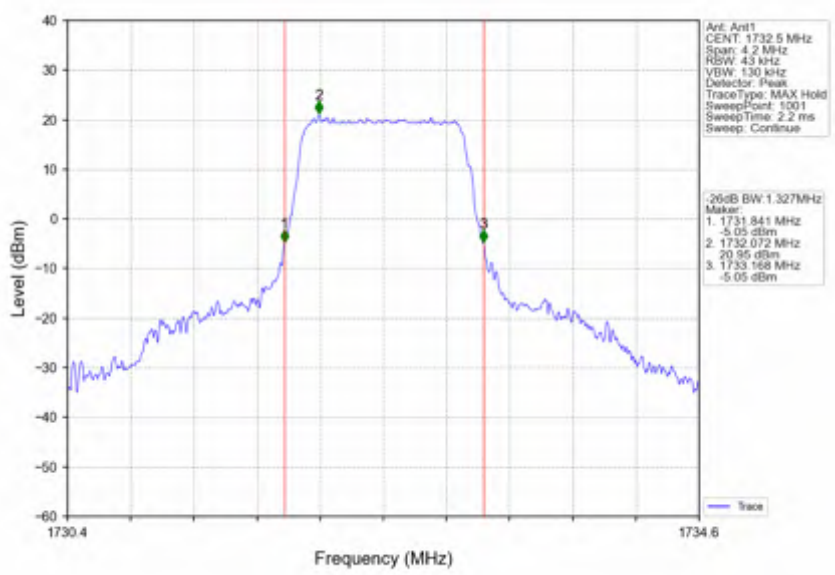
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



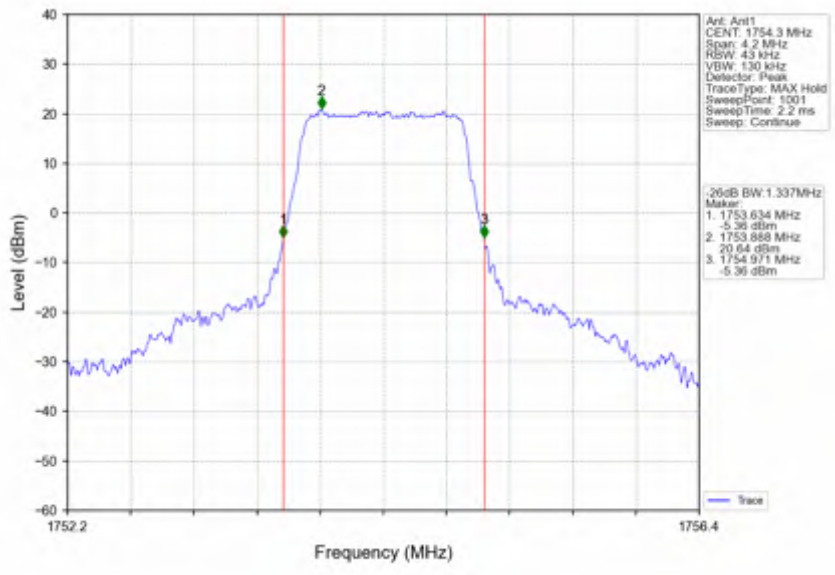
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



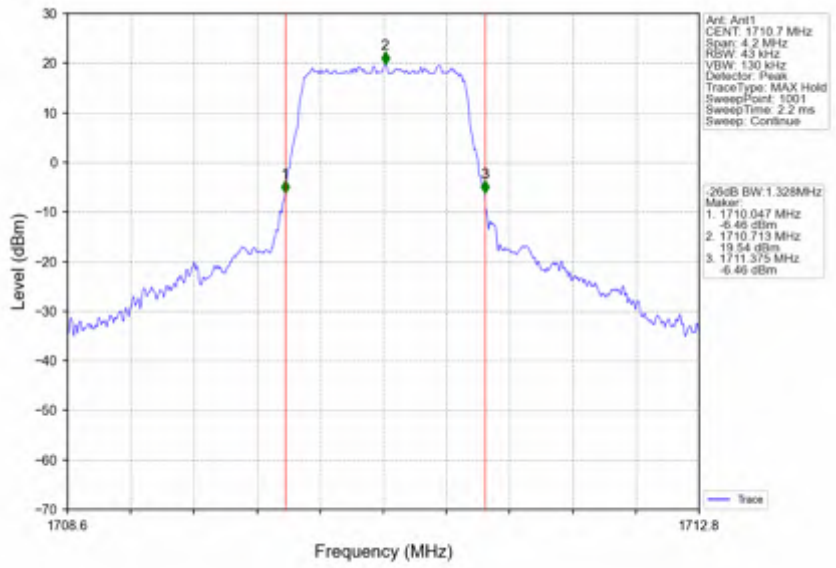
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



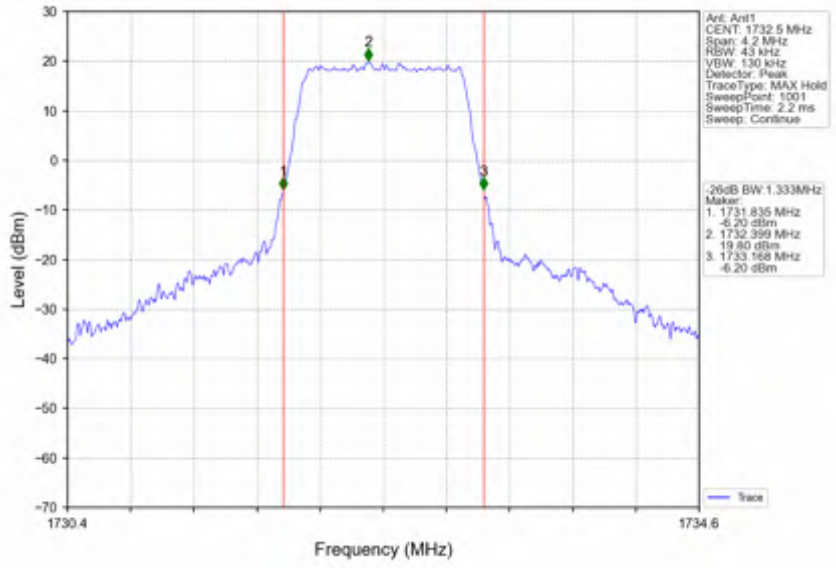
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



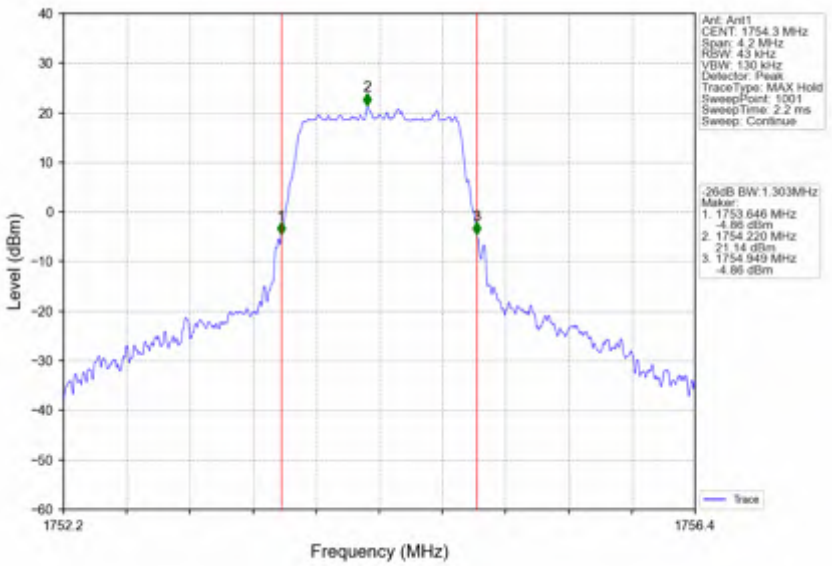
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



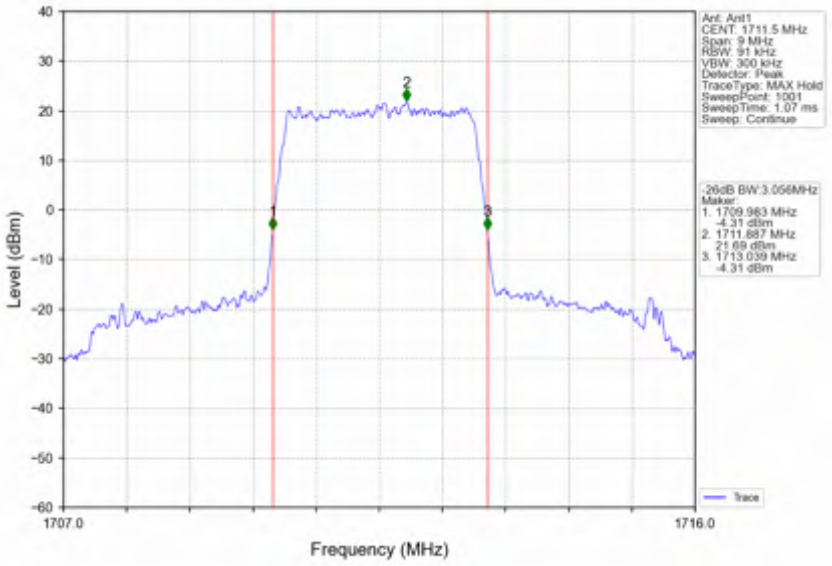
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



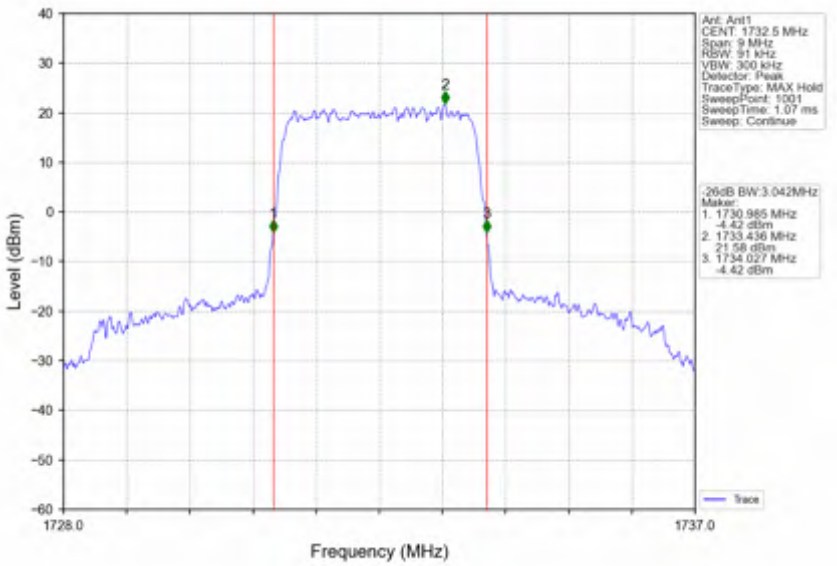
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



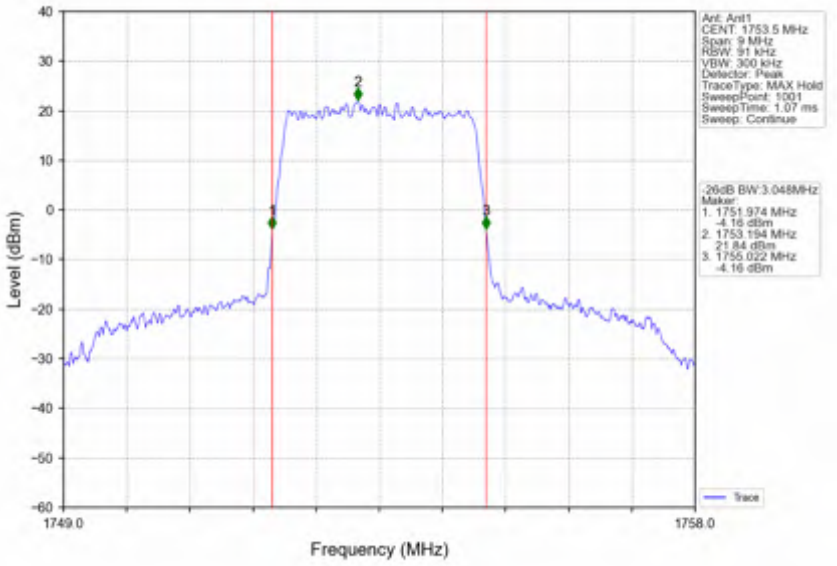
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



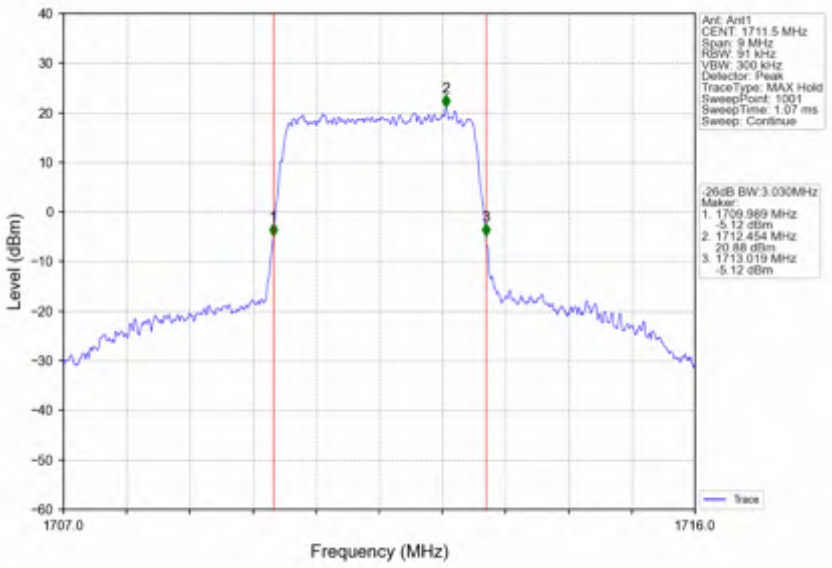
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



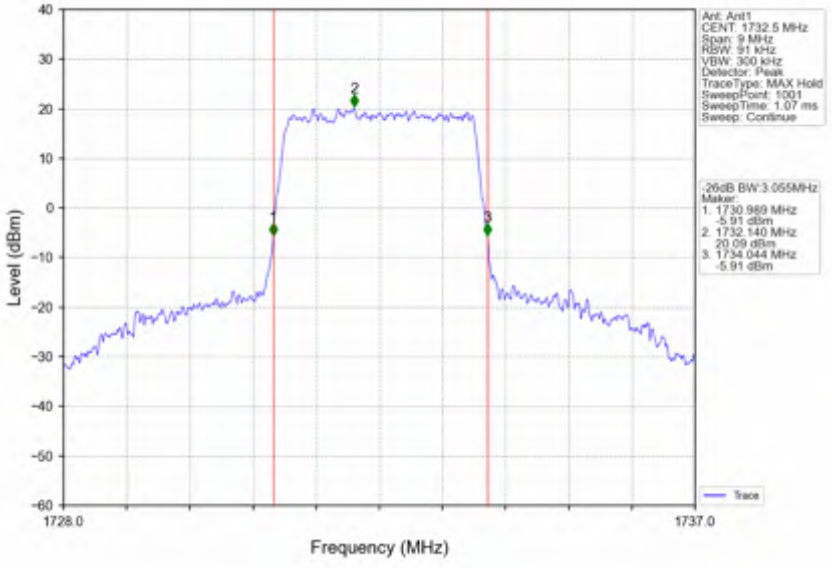
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



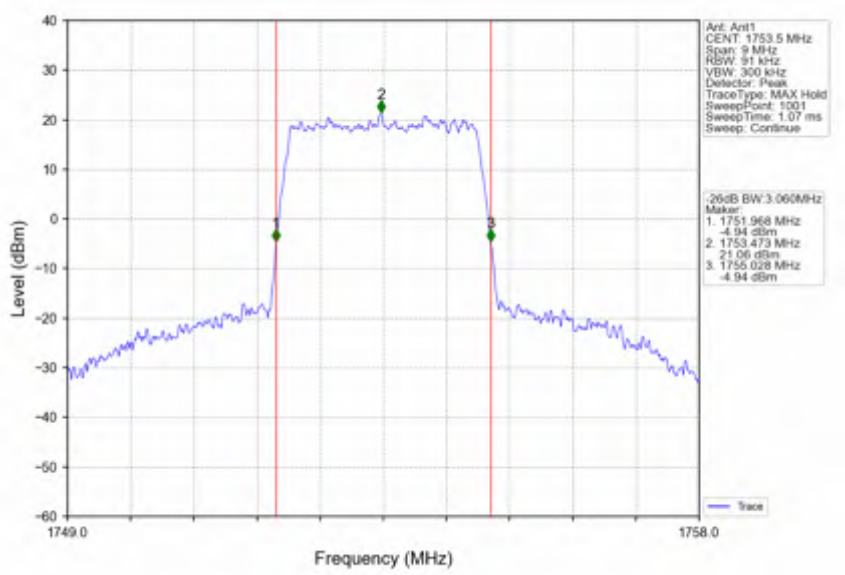
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



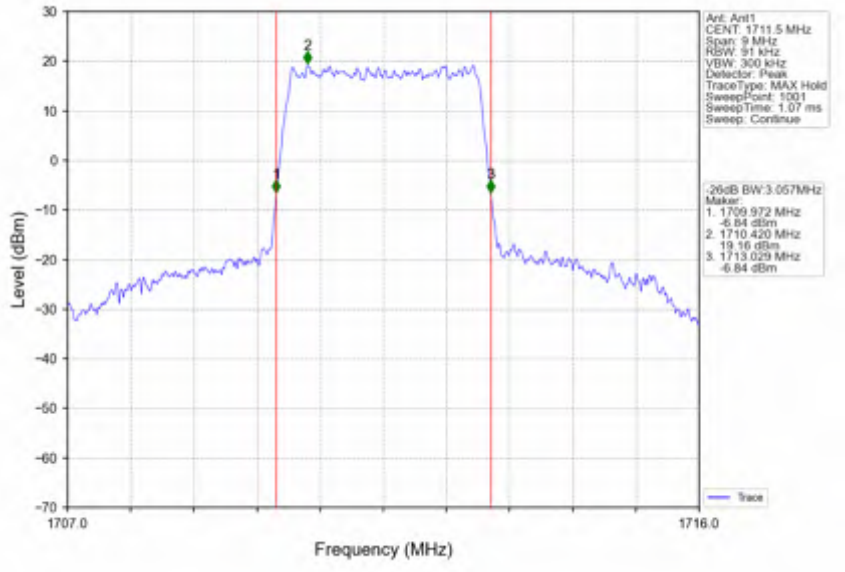
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



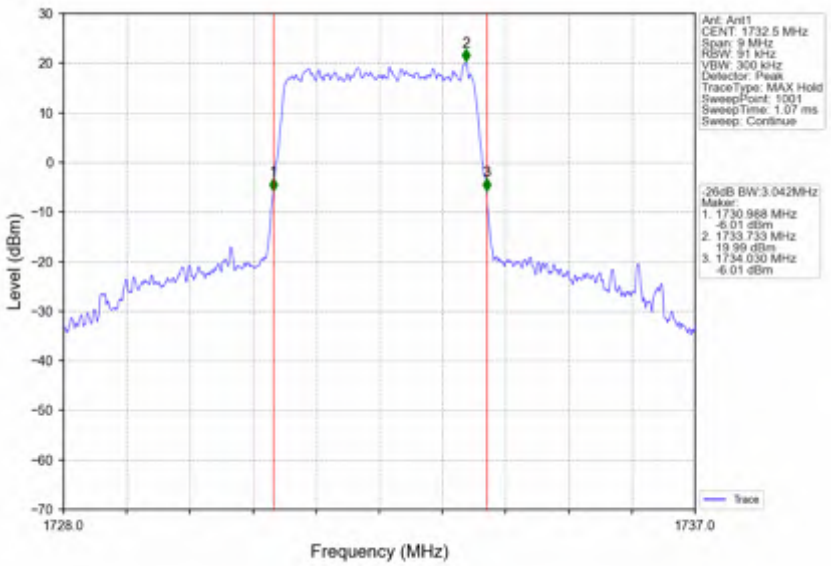
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



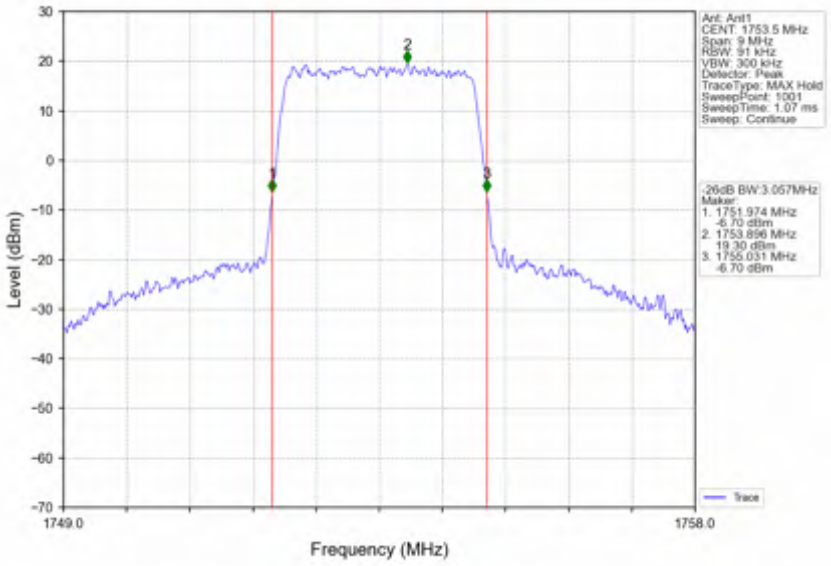
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



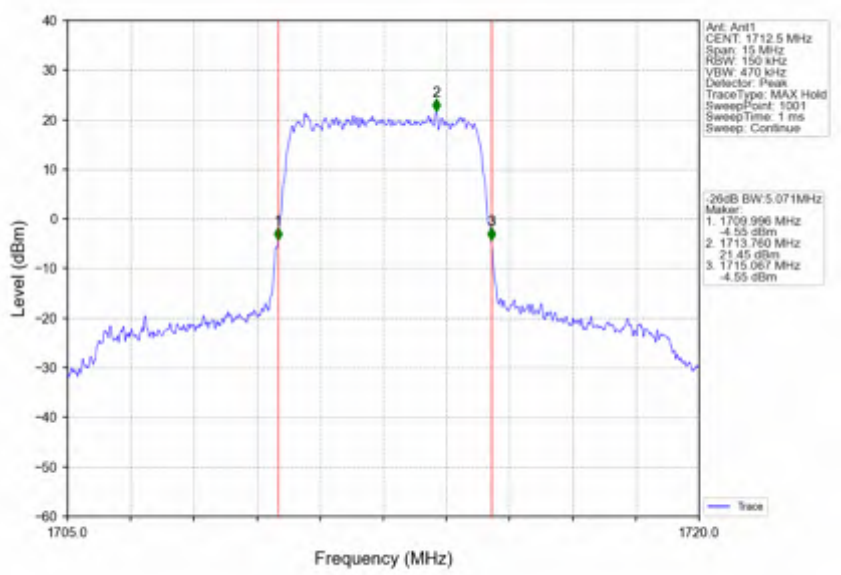
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



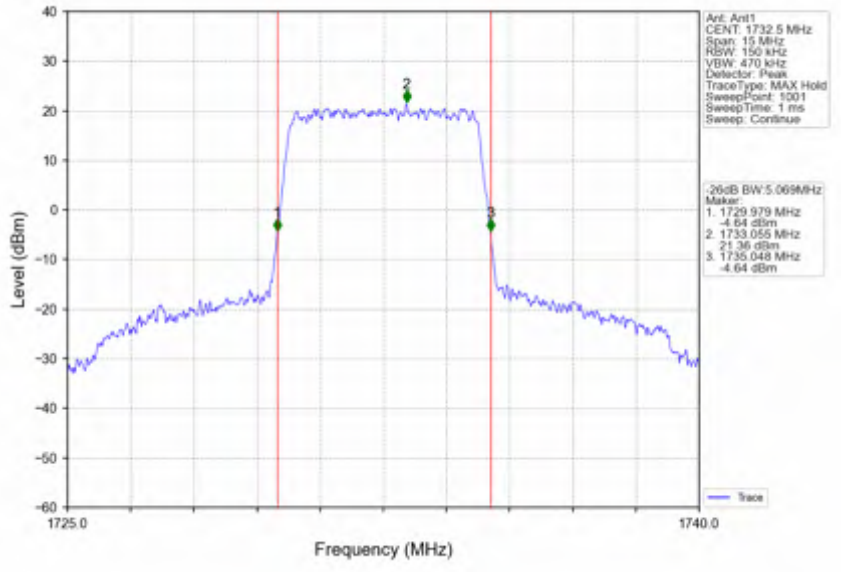
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



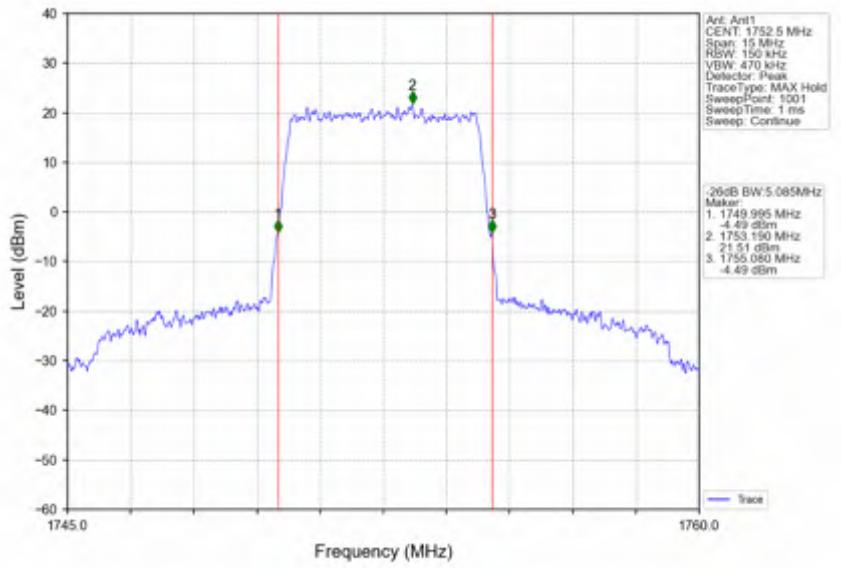
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



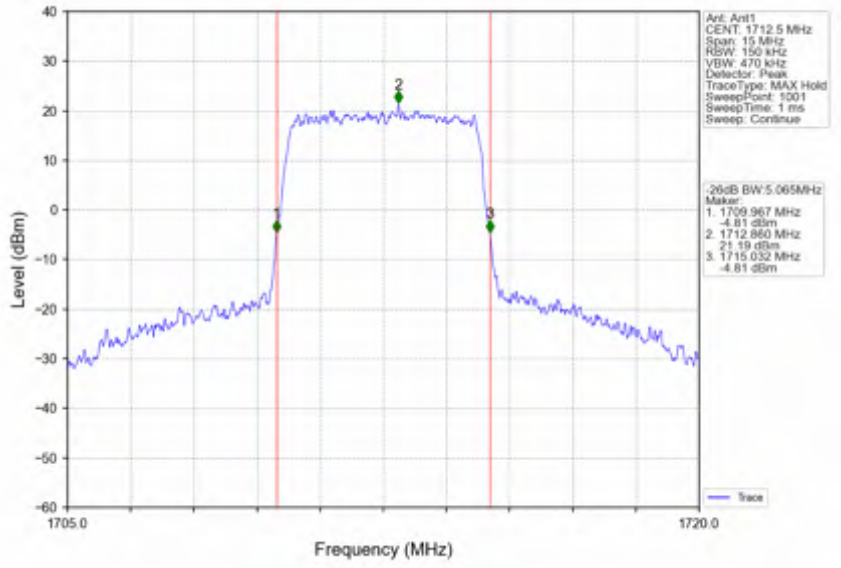
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



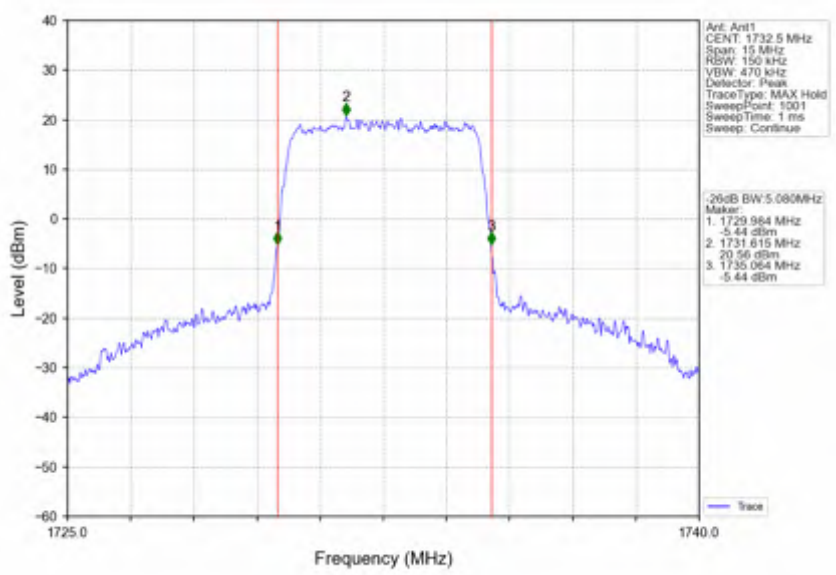
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



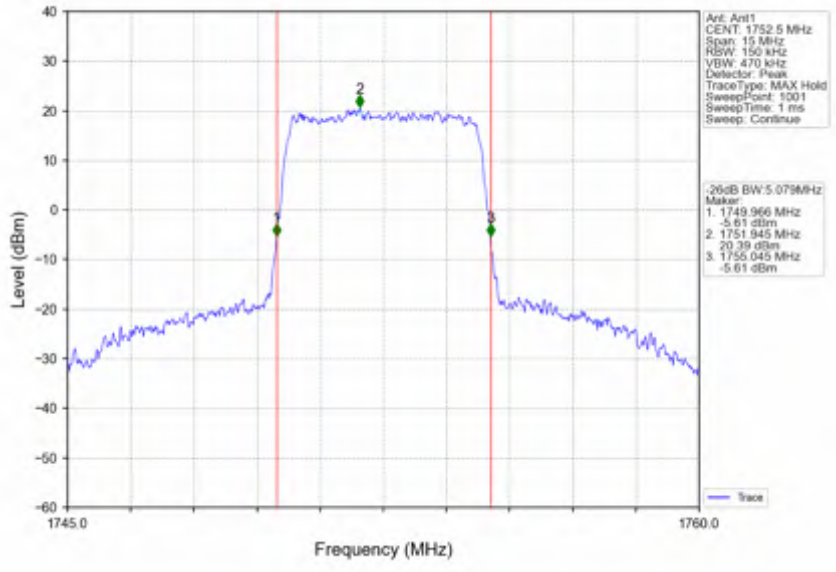
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



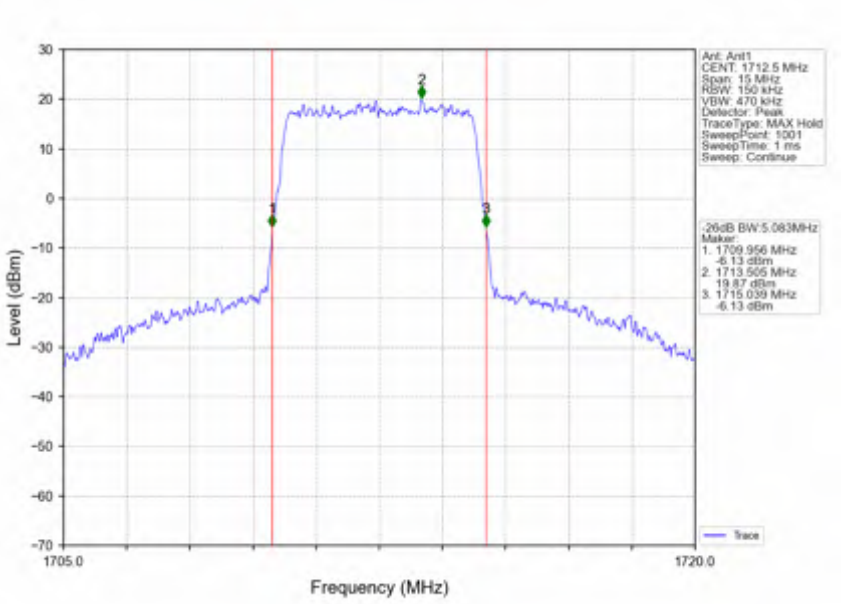
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



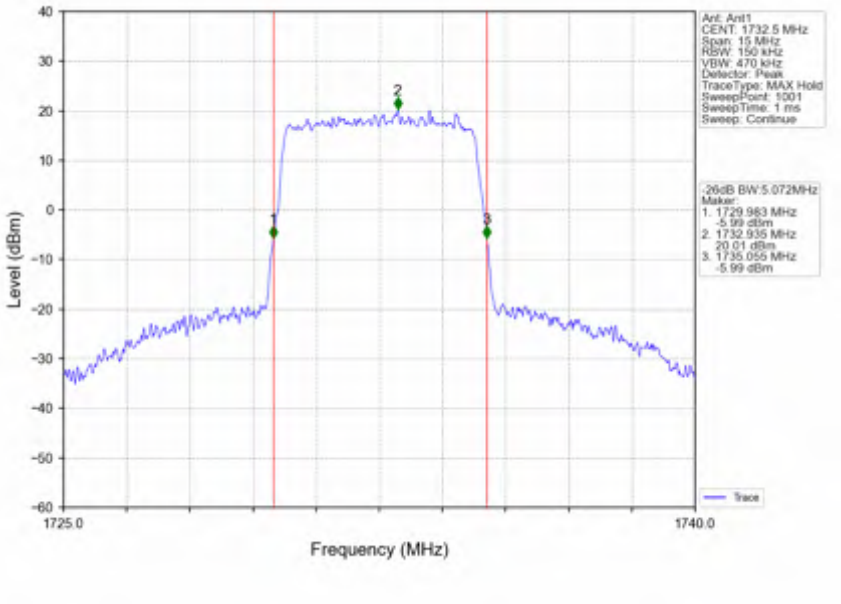
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



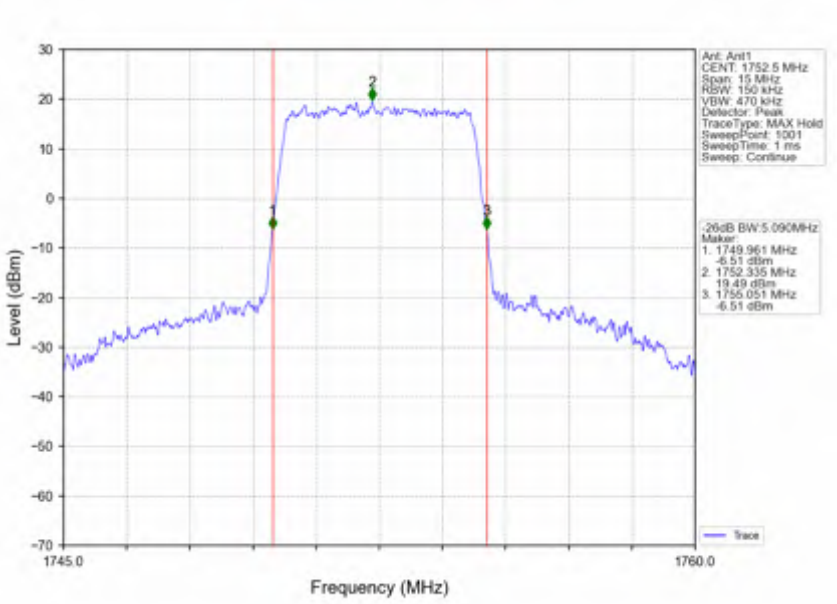
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



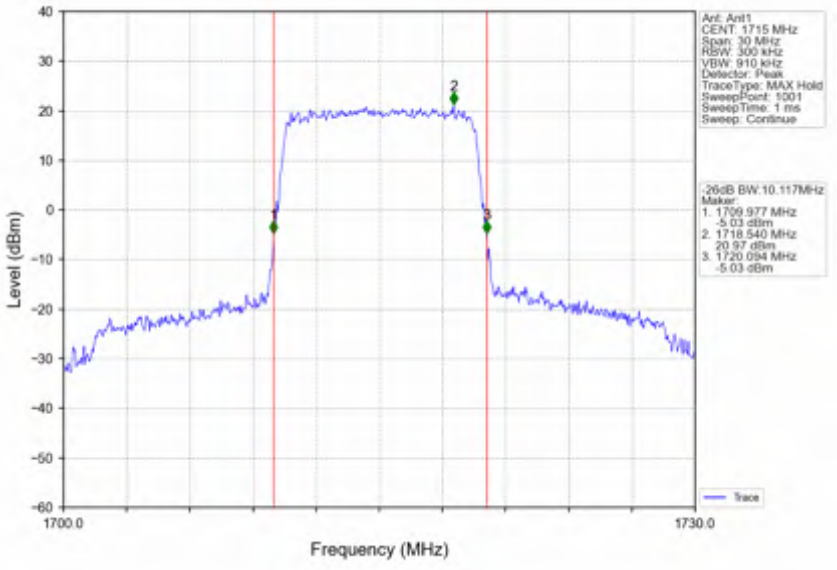
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



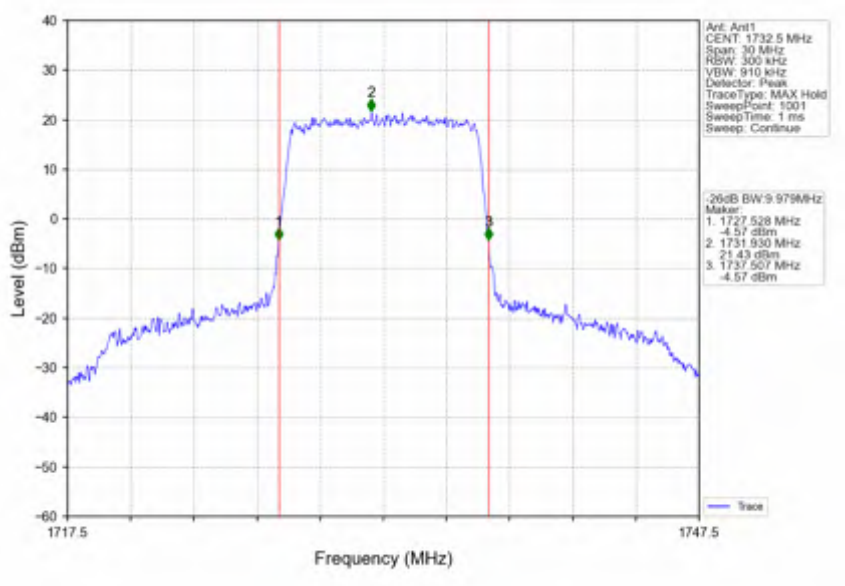
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



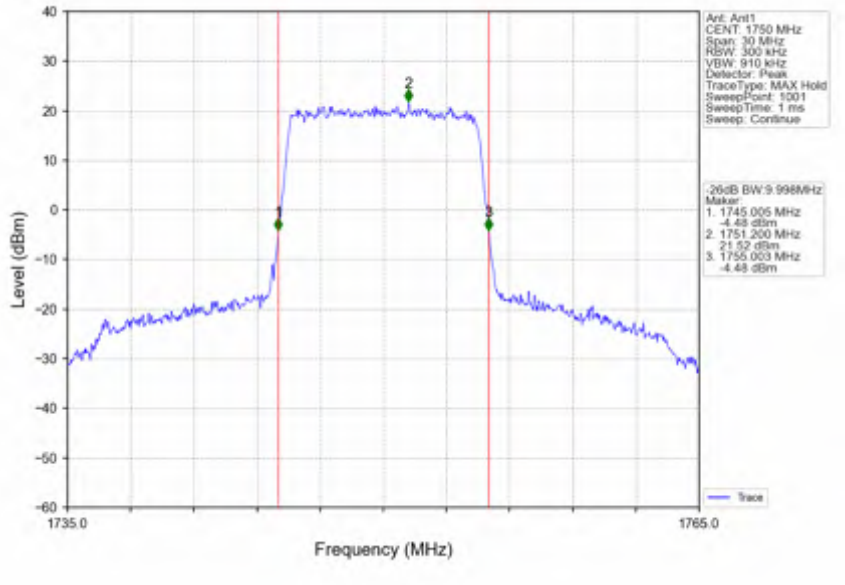
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



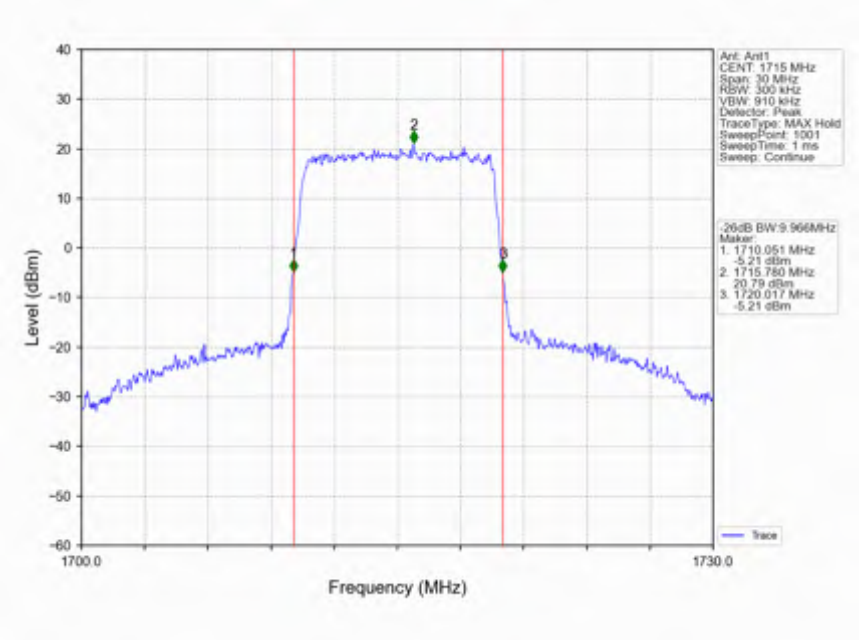
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



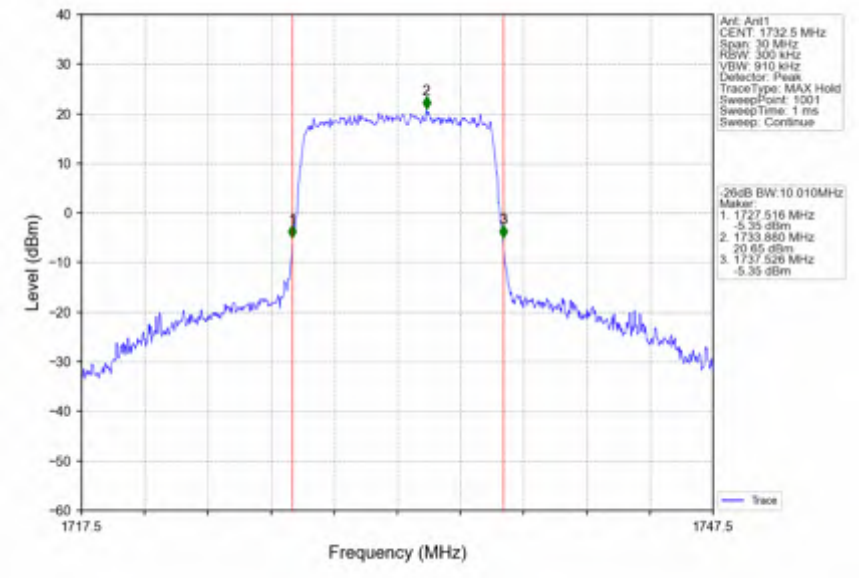
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



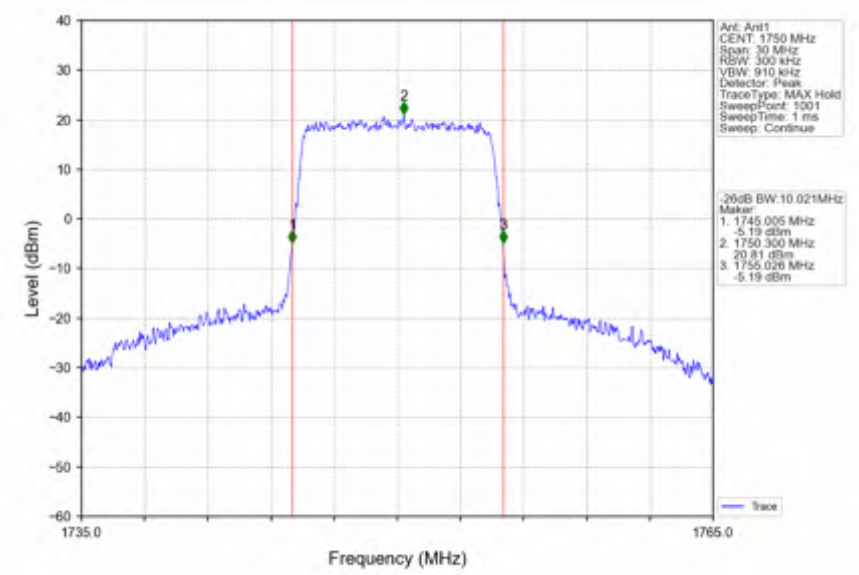
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



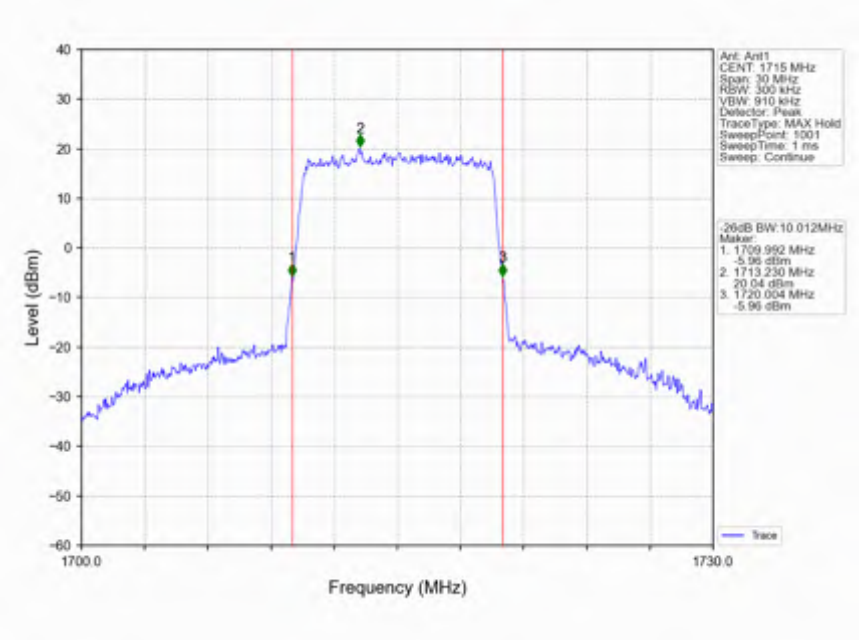
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



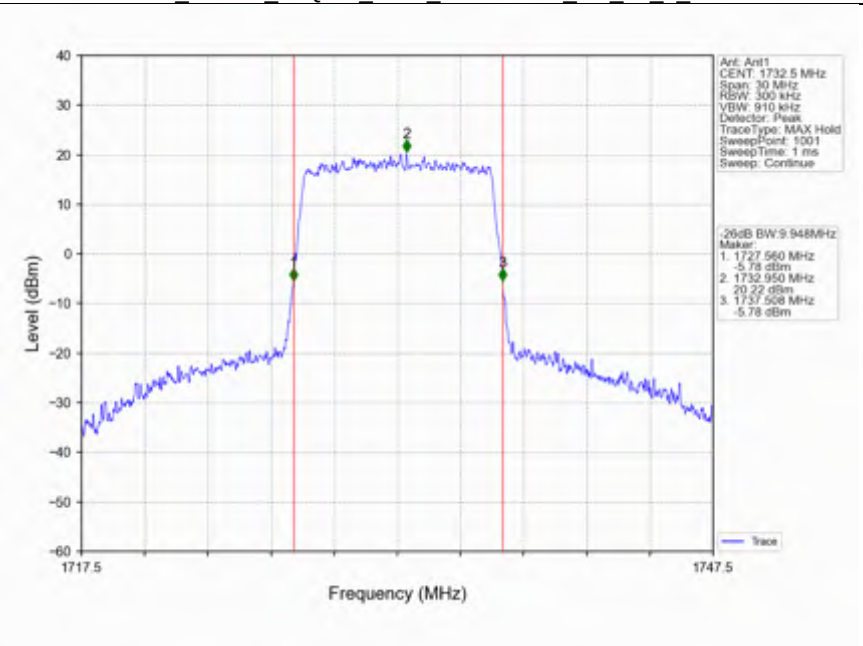
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



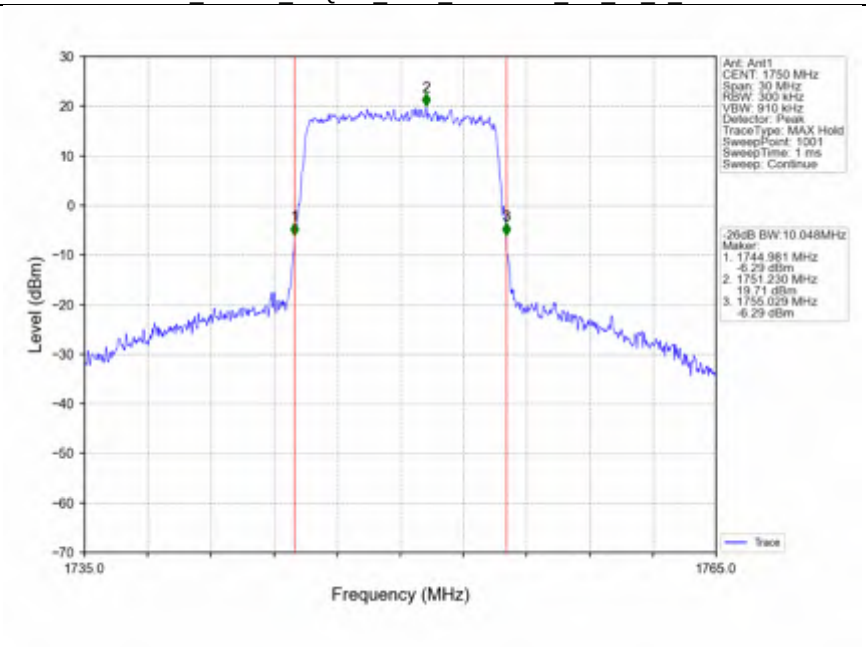
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



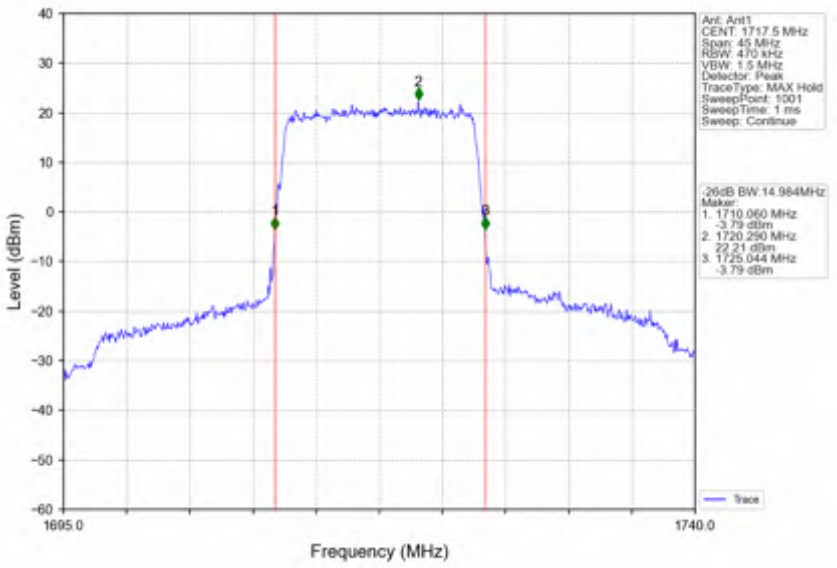
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



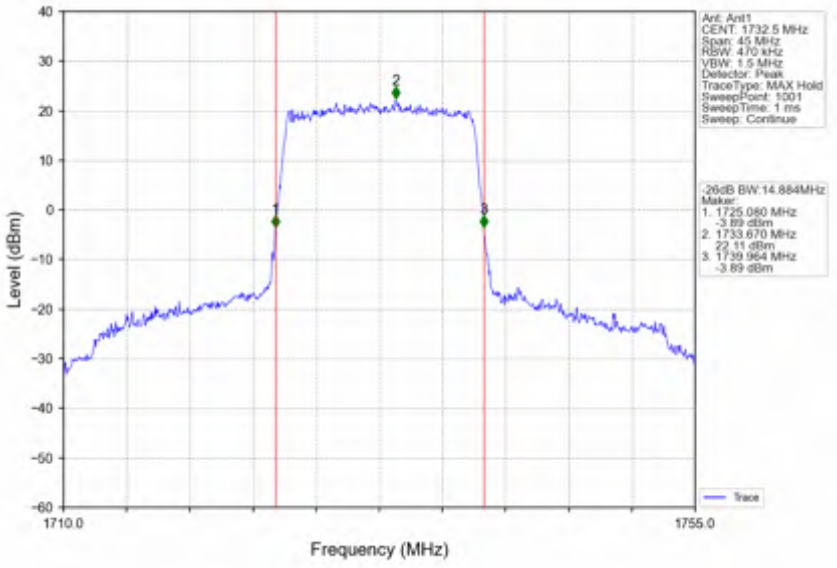
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



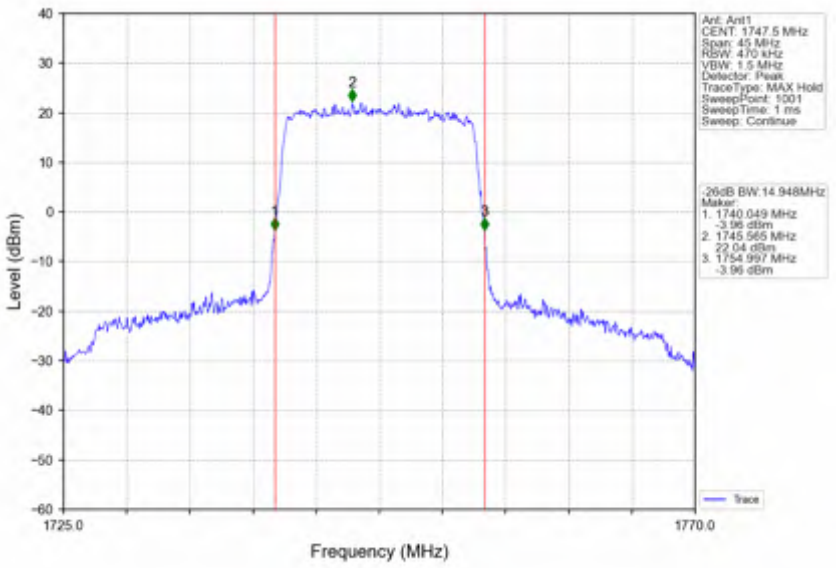
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



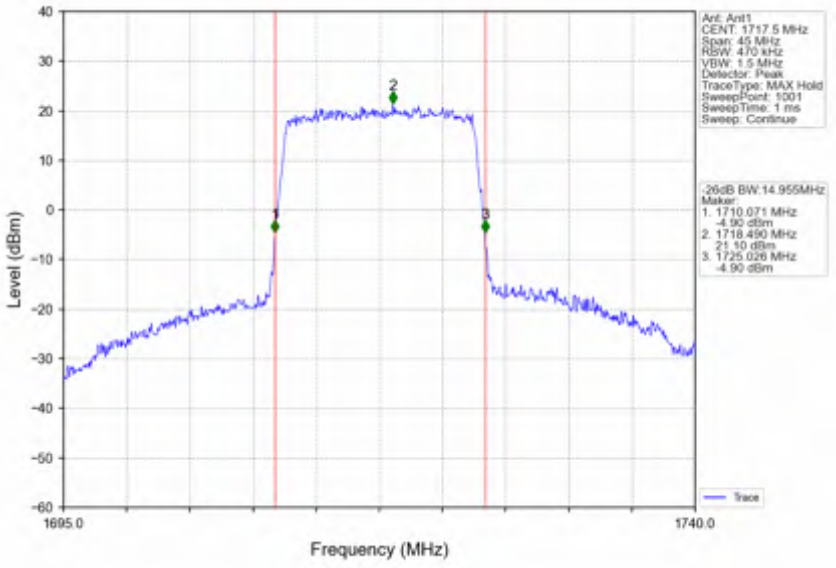
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



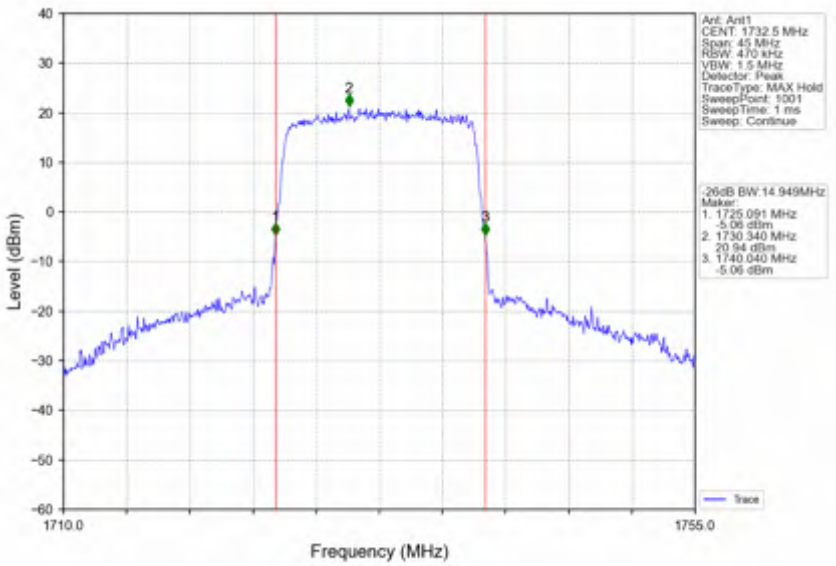
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



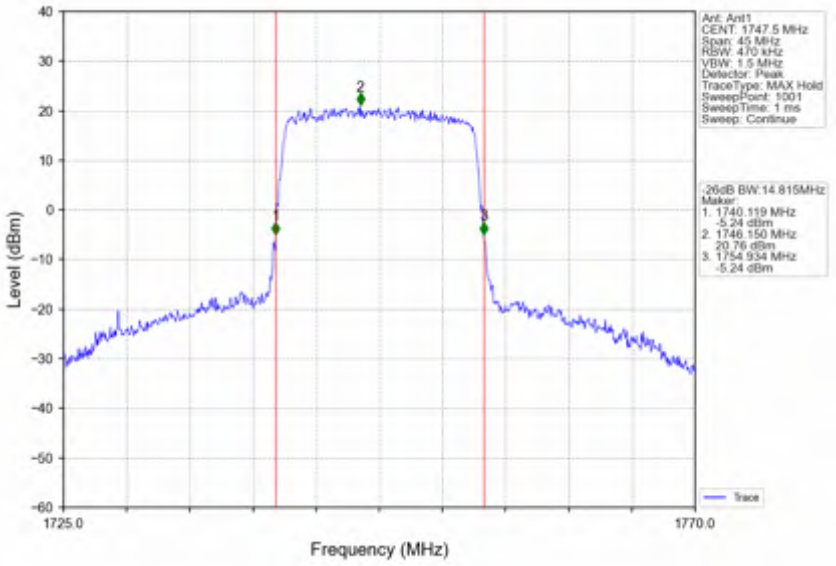
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



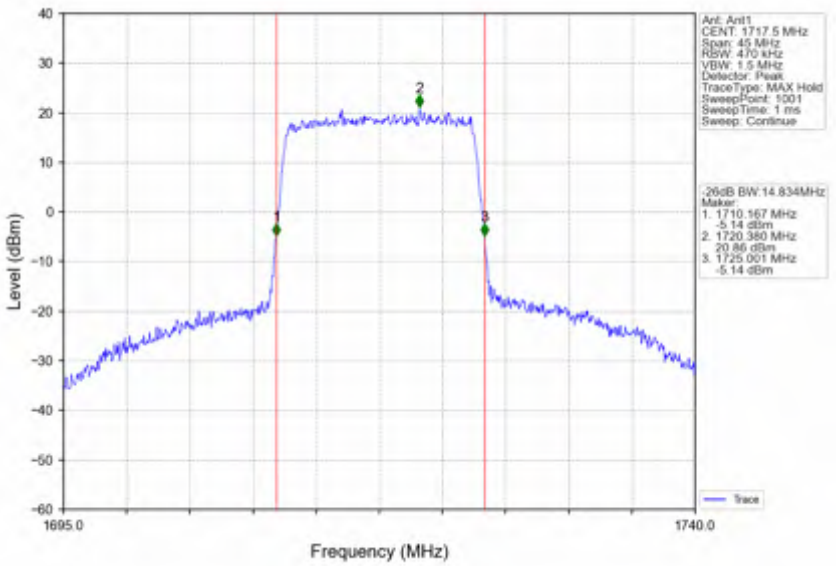
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



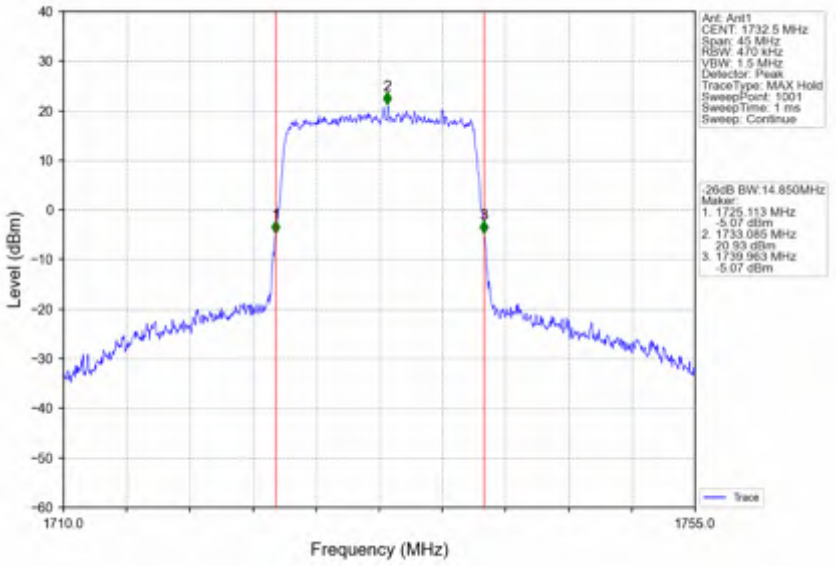
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



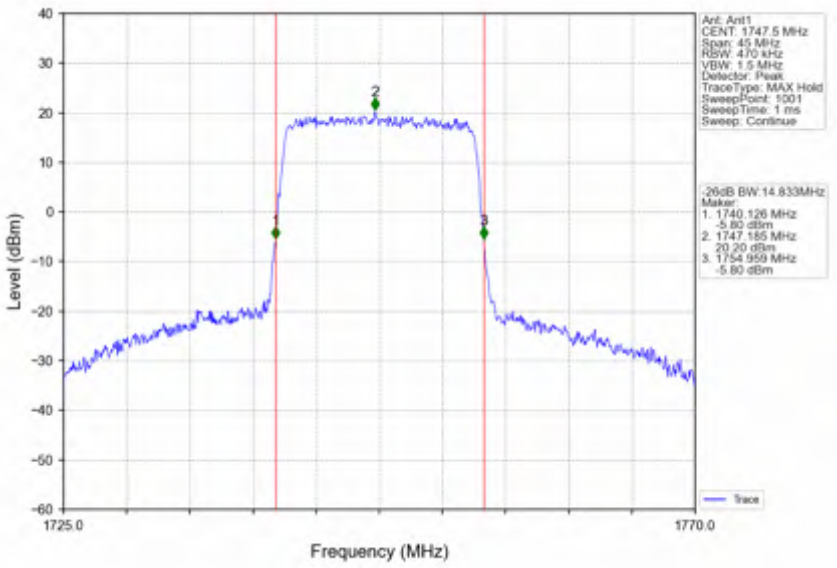
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



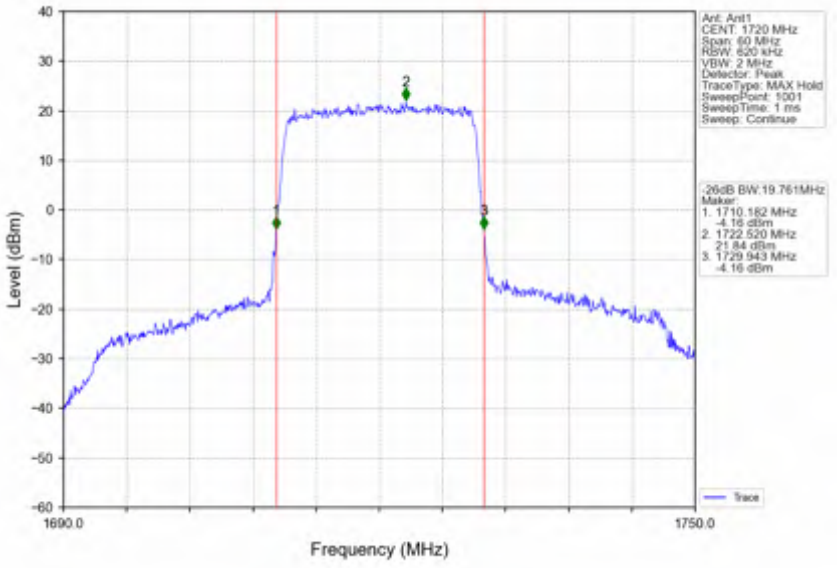
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



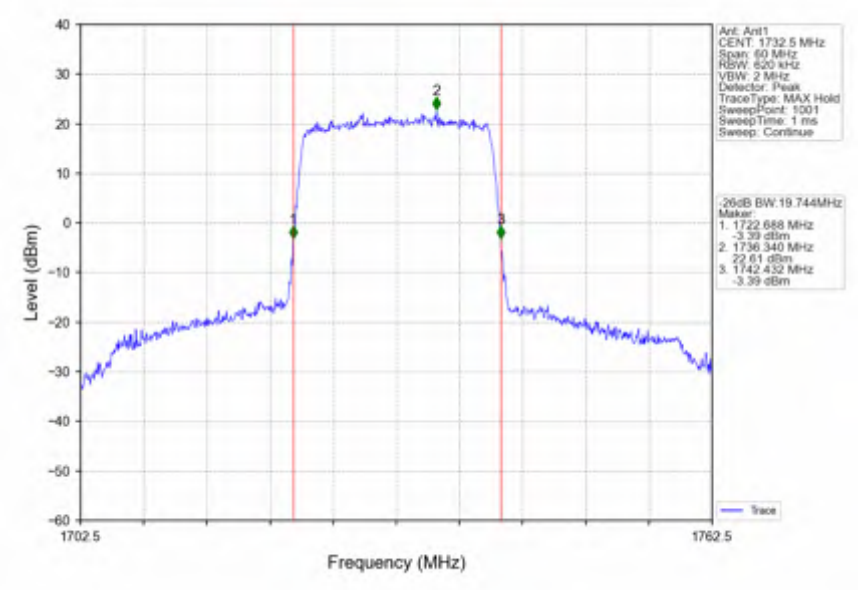
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



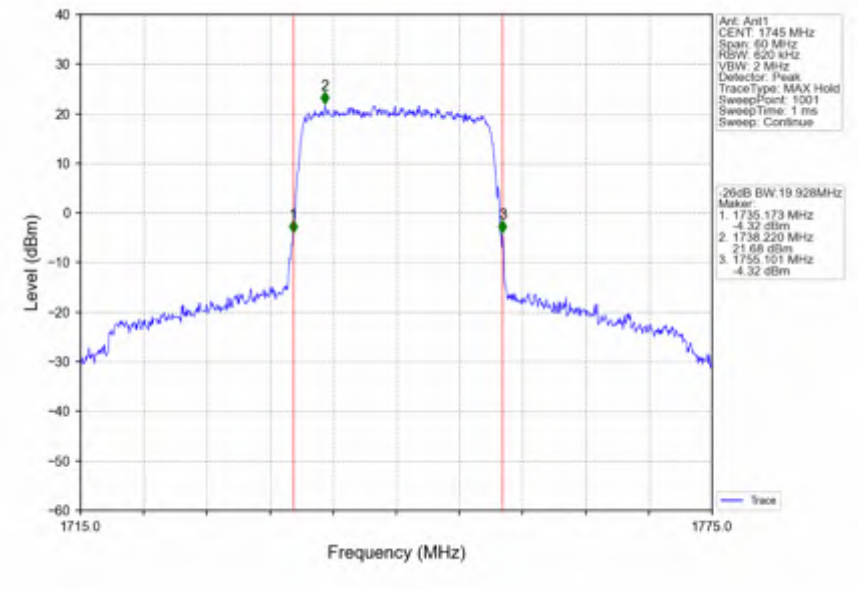
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



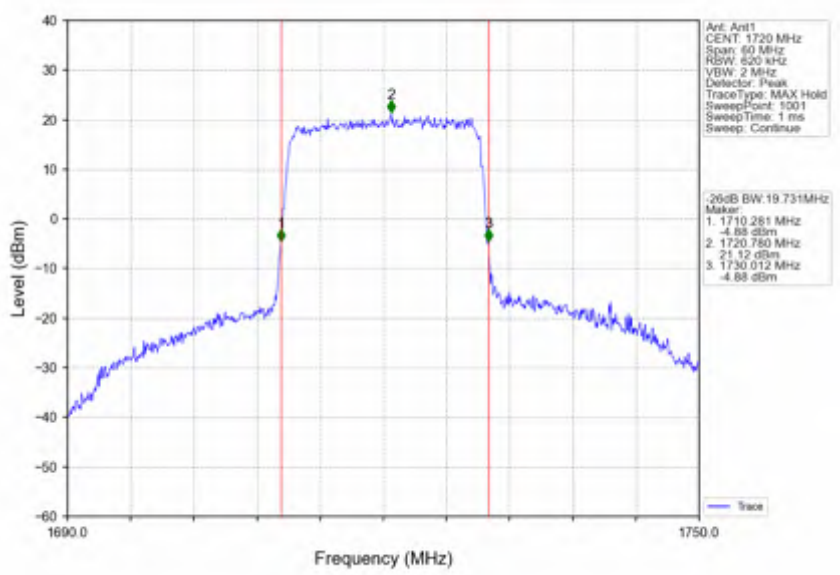
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



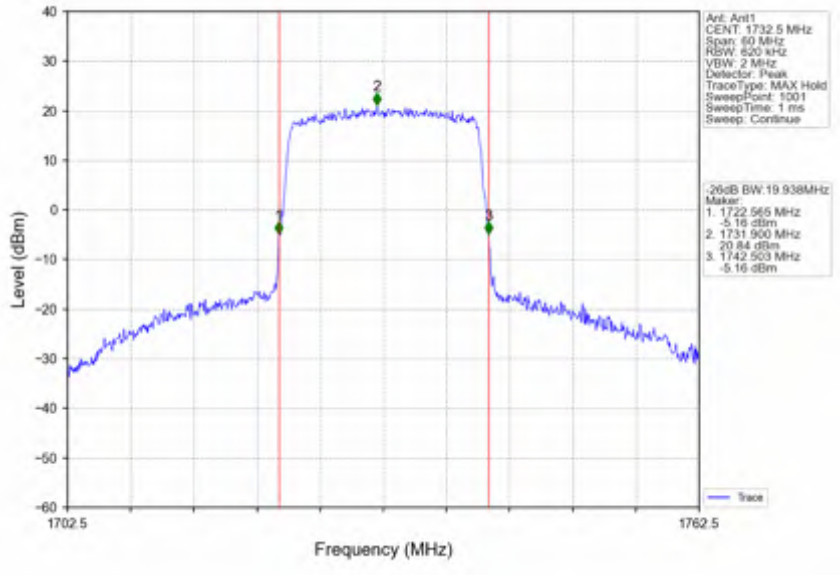
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



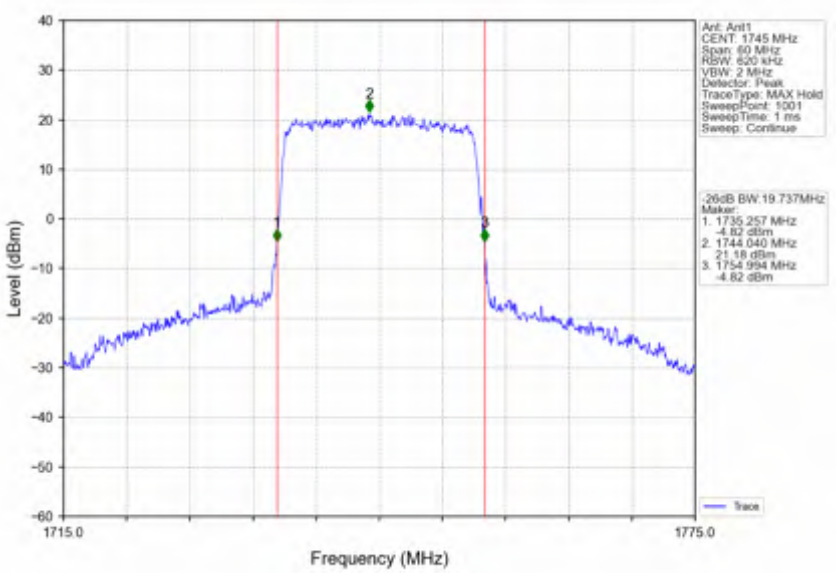
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



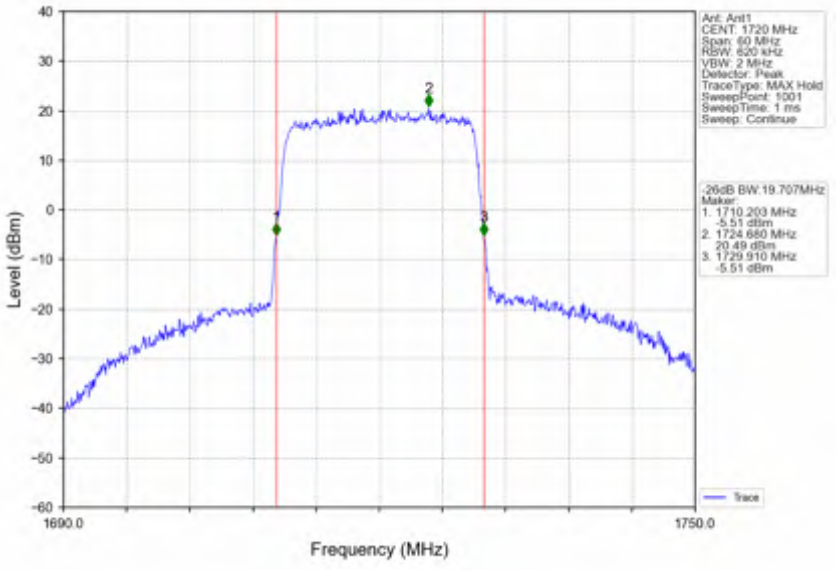
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



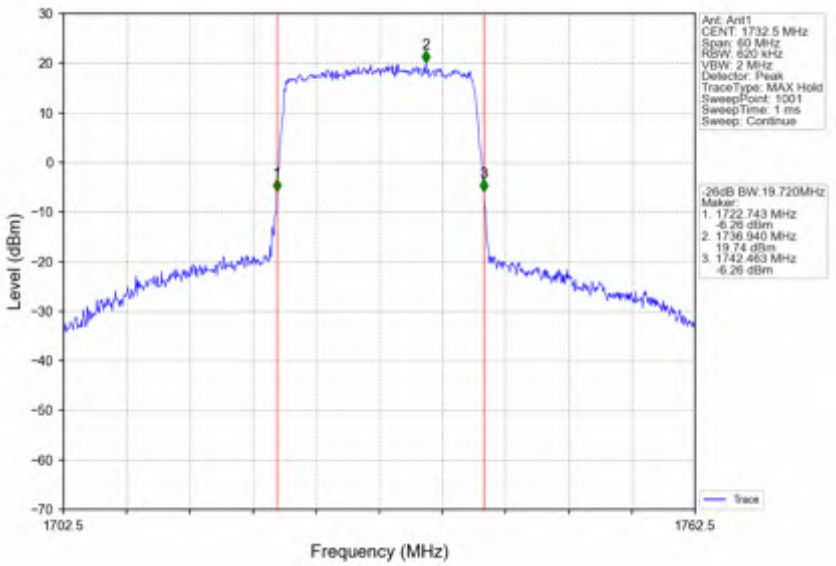
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



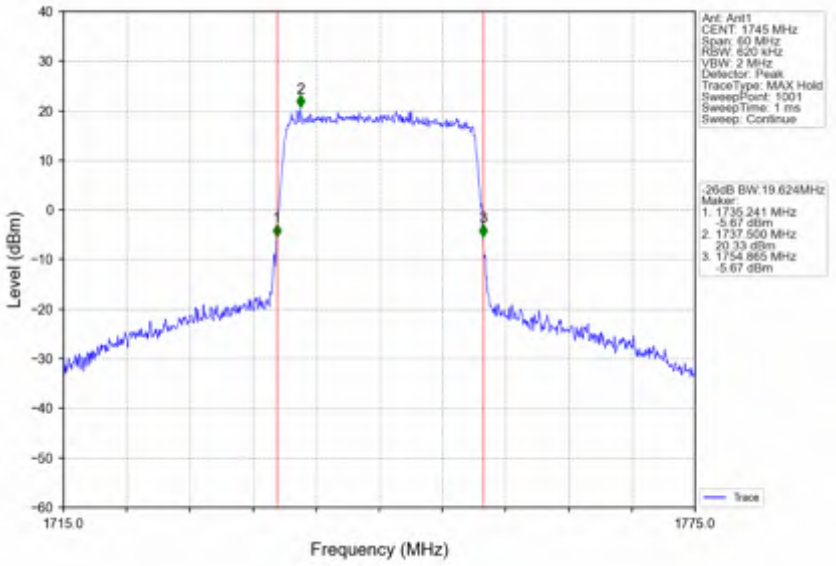
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



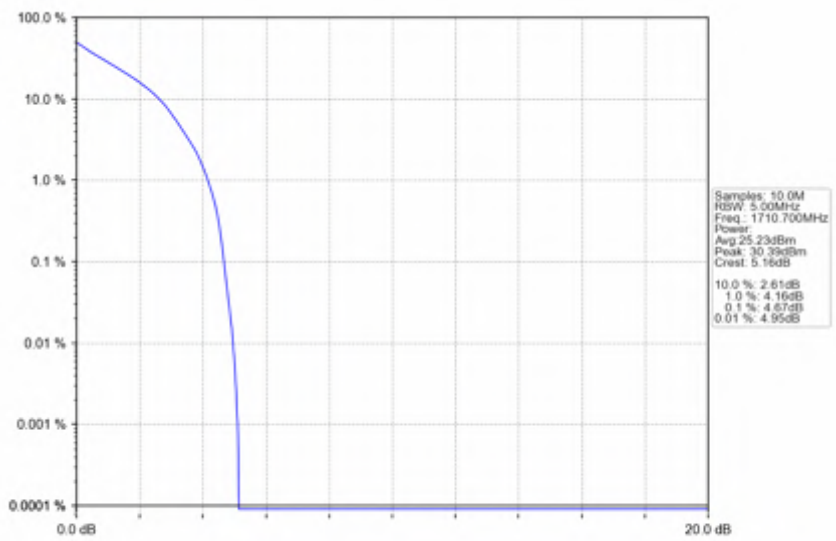
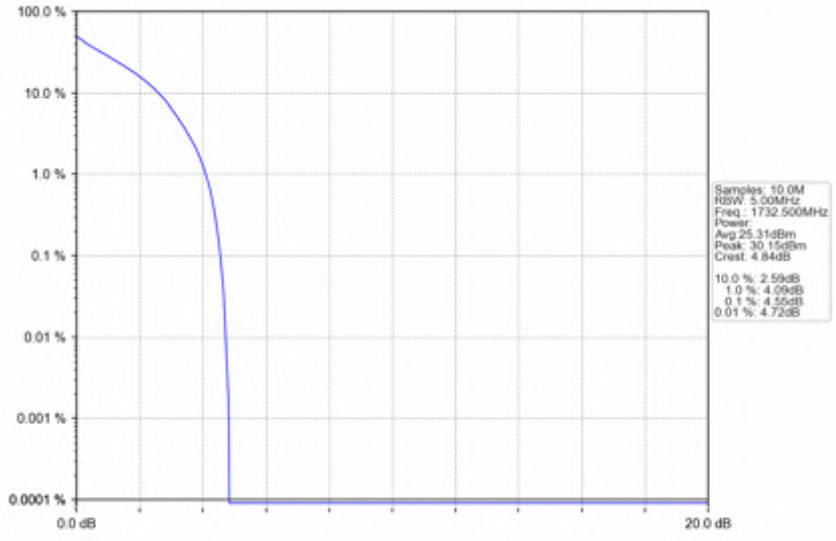
4. Peak-Average Ratio

4.1 B4_1.4MHz

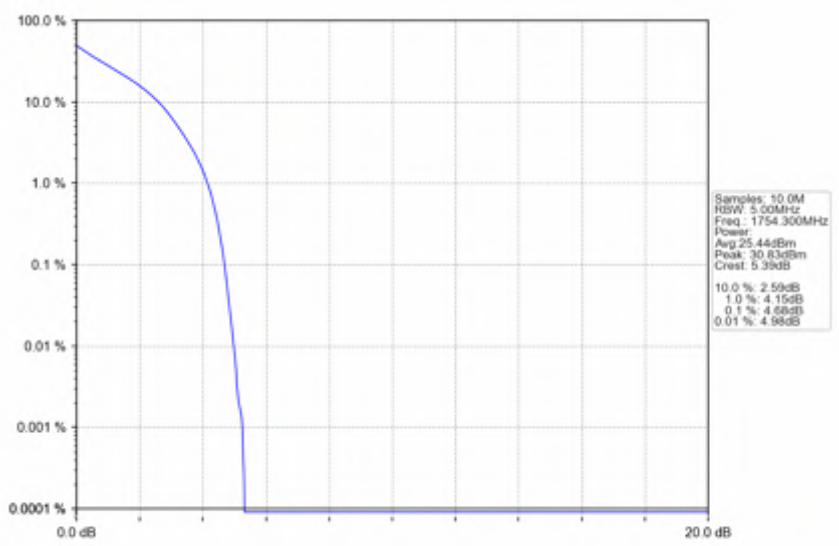
4.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.67	<=13	Pass
	1732.5	6	0	4.55	<=13	Pass
	1754.3	6	0	4.68	<=13	Pass
16QAM	1710.7	6	0	5.48	<=13	Pass
	1732.5	6	0	5.45	<=13	Pass
	1754.3	6	0	5.50	<=13	Pass
64QAM	1710.7	6	0	6.05	<=13	Pass
	1732.5	6	0	6.14	<=13	Pass
	1754.3	6	0	6.21	<=13	Pass

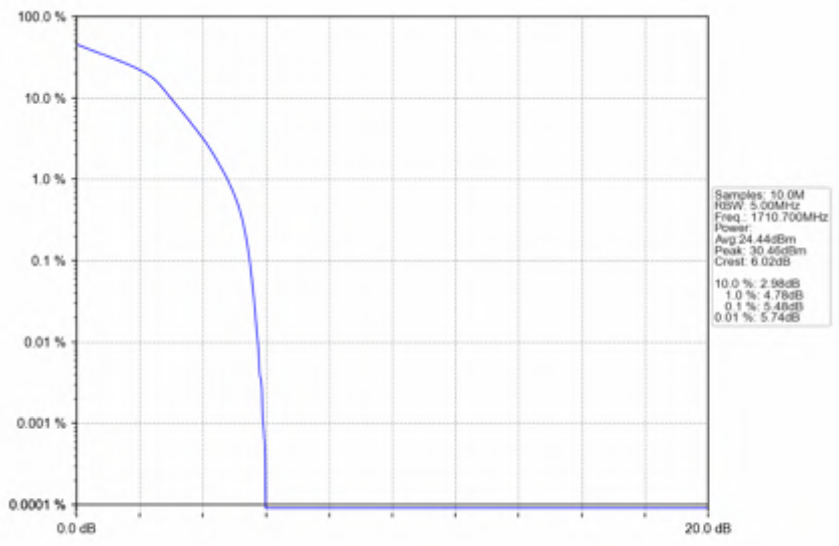
4.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV


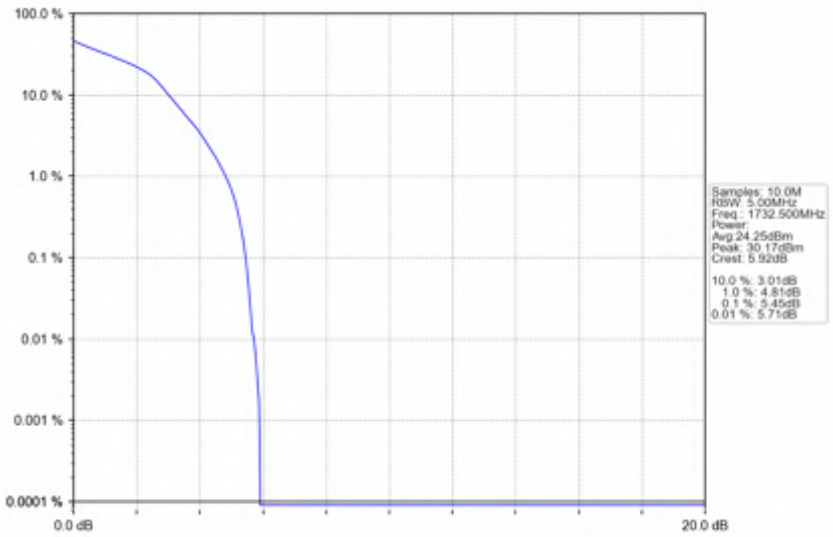
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



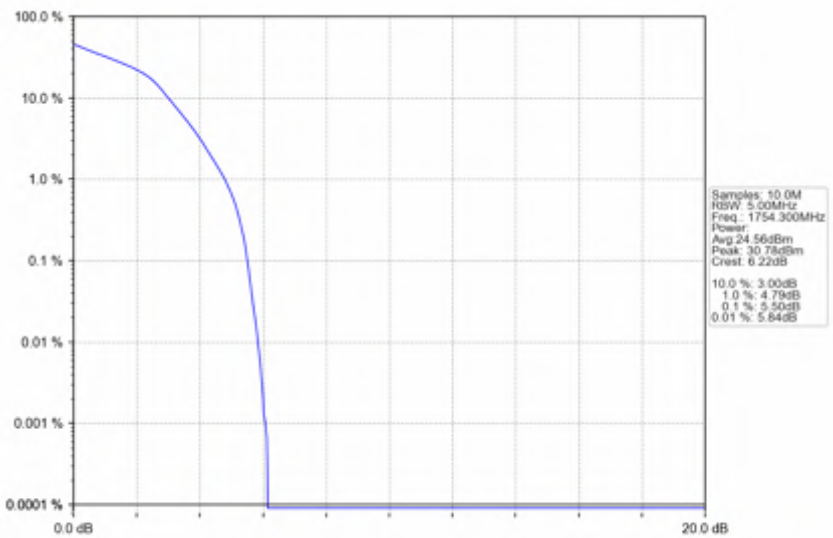
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



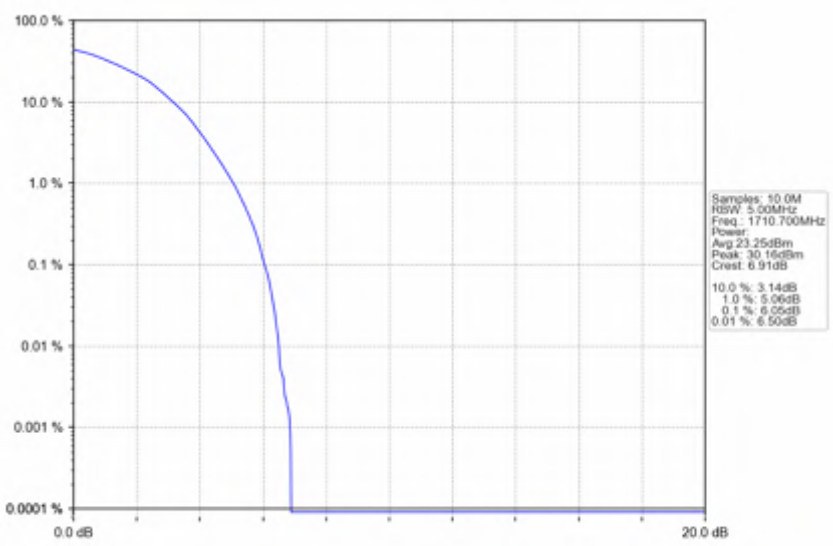
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



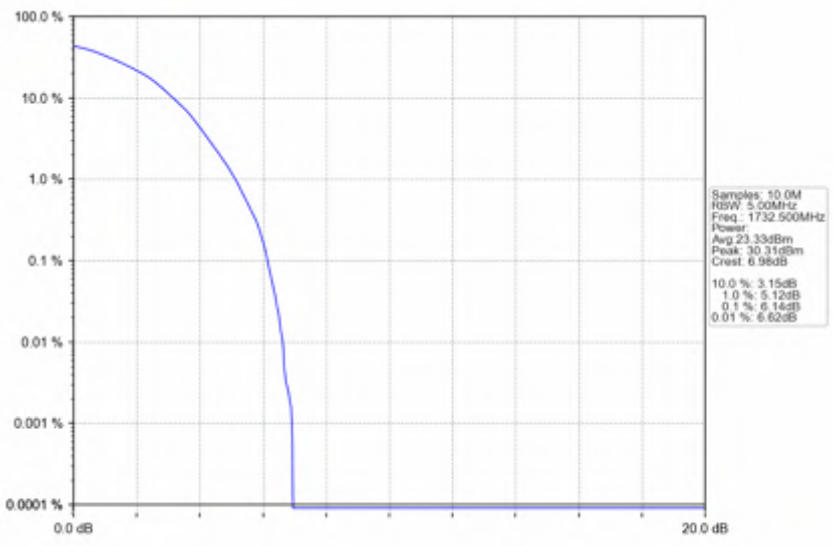
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



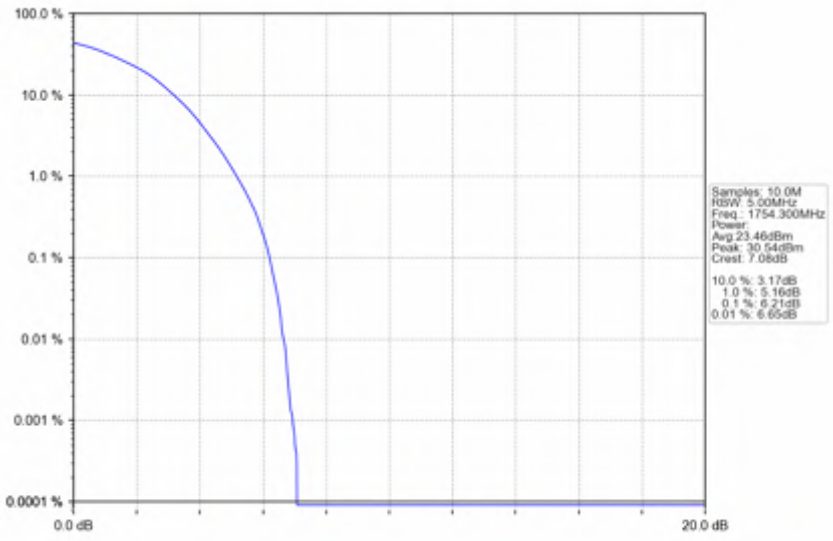
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



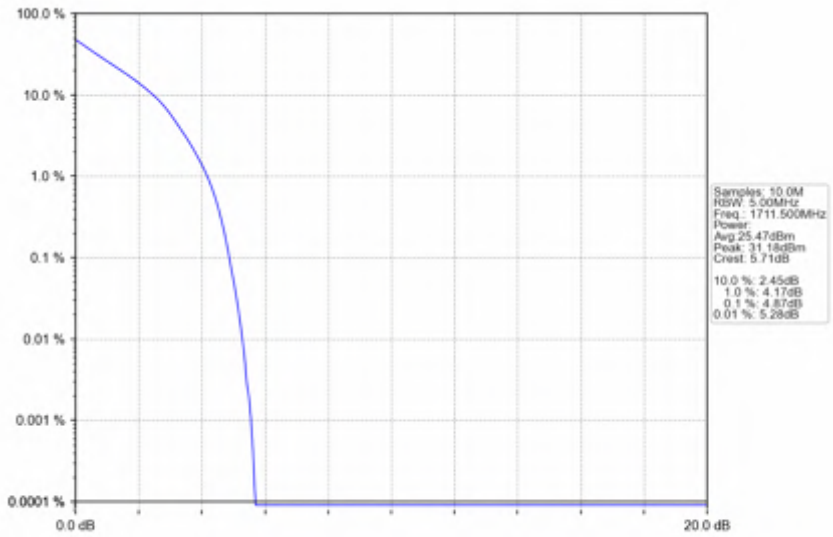
4.2 B4_3MHz

4.2.1 Test Result

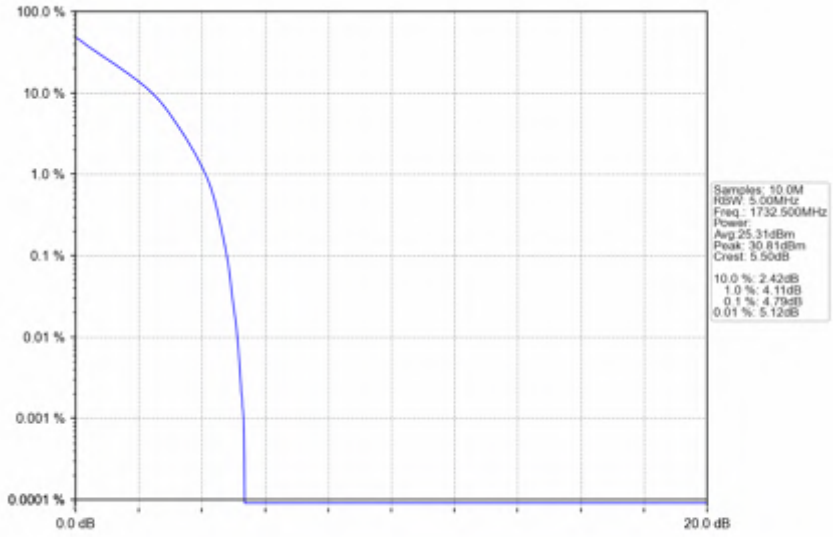
Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.87	<=13	Pass
	1732.5	15	0	4.79	<=13	Pass
	1753.5	15	0	4.86	<=13	Pass
16QAM	1711.5	15	0	5.63	<=13	Pass
	1732.5	15	0	5.58	<=13	Pass
	1753.5	15	0	5.67	<=13	Pass
64QAM	1711.5	15	0	6.26	<=13	Pass
	1732.5	15	0	6.14	<=13	Pass
	1753.5	15	0	6.29	<=13	Pass

4.2.2 Test Graph

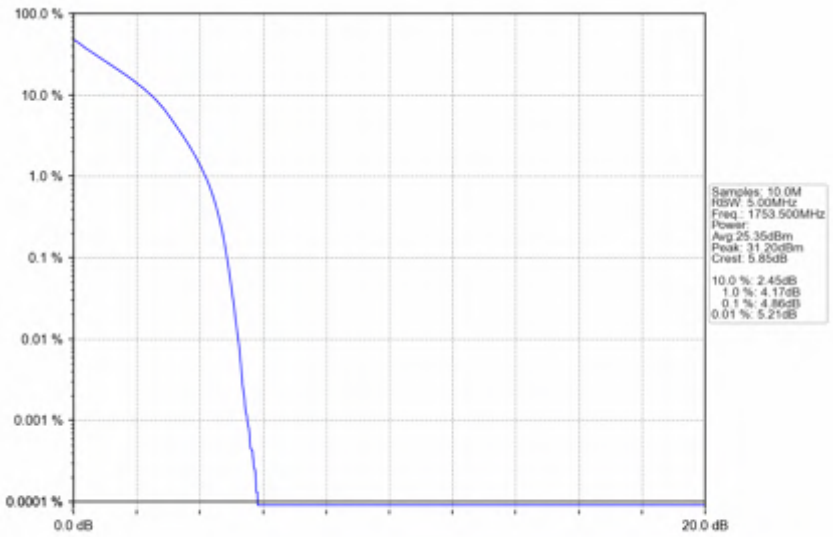
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



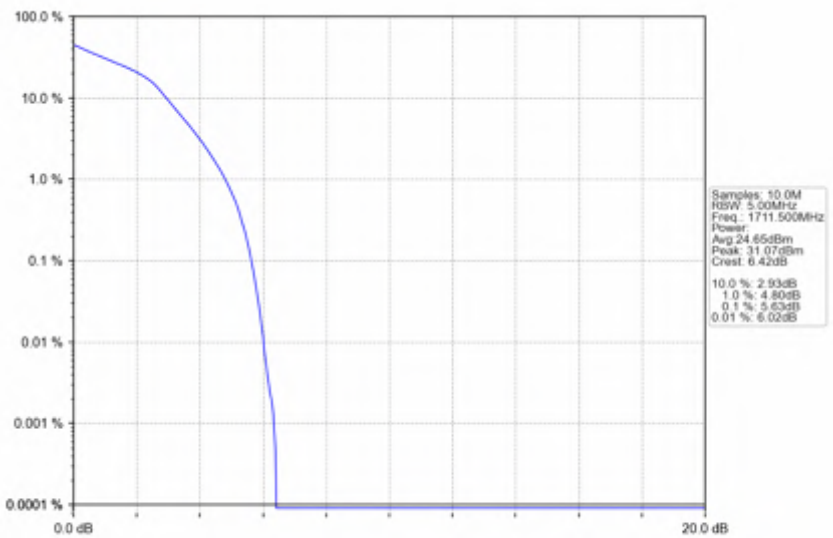
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



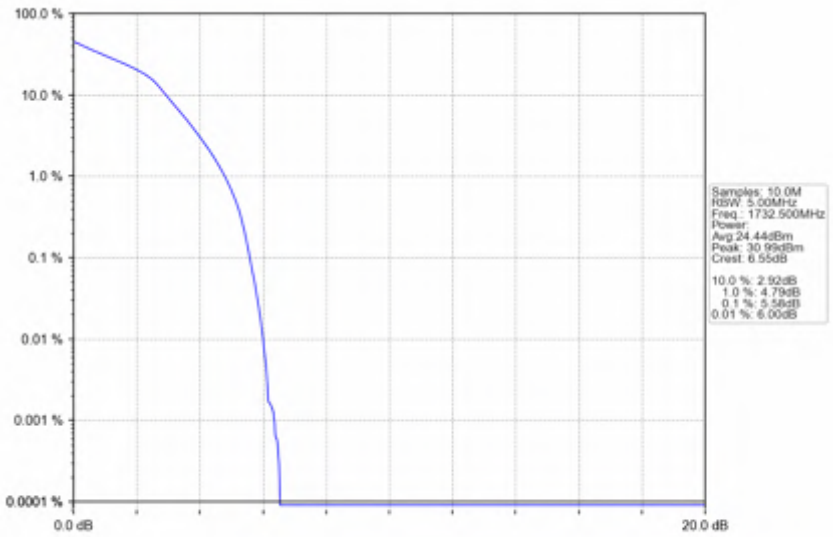
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



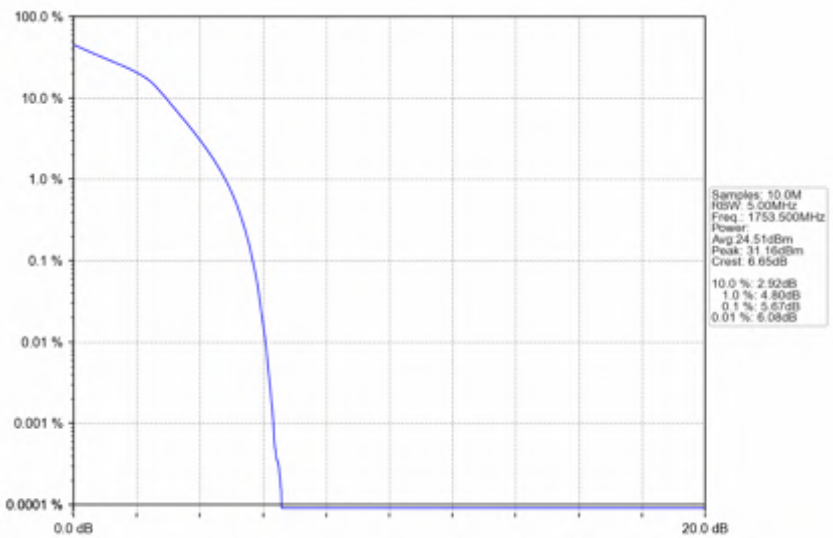
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



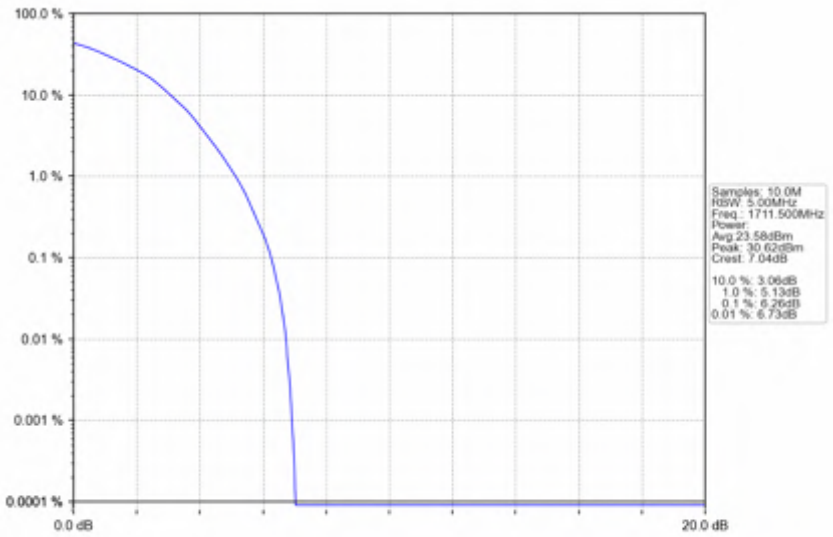
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



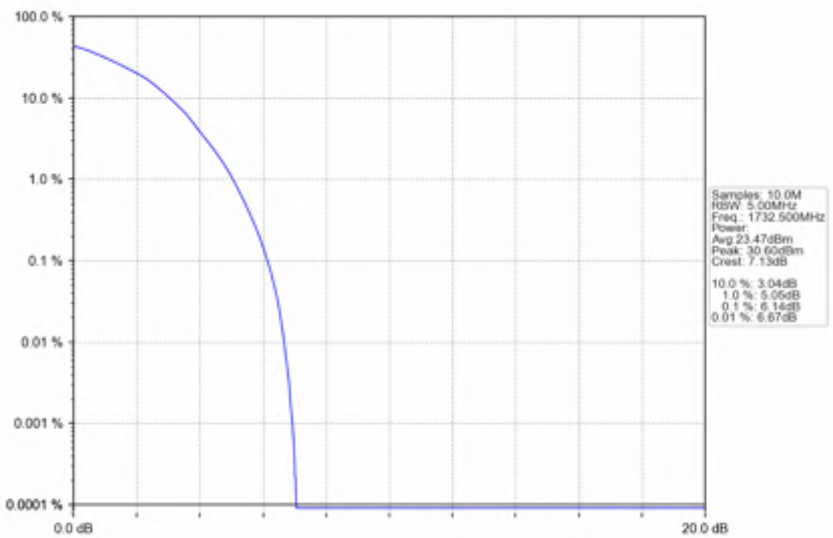
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



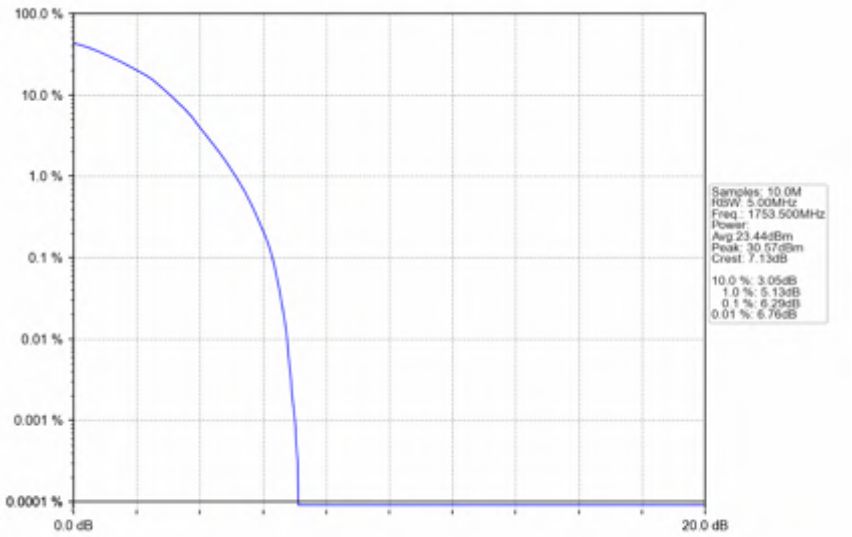
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



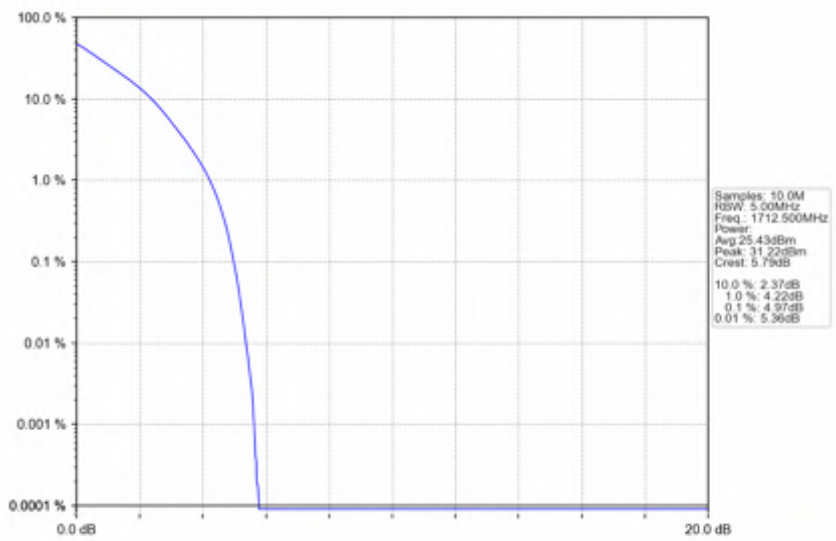
4.3 B4_5MHz

4.3.1 Test Result

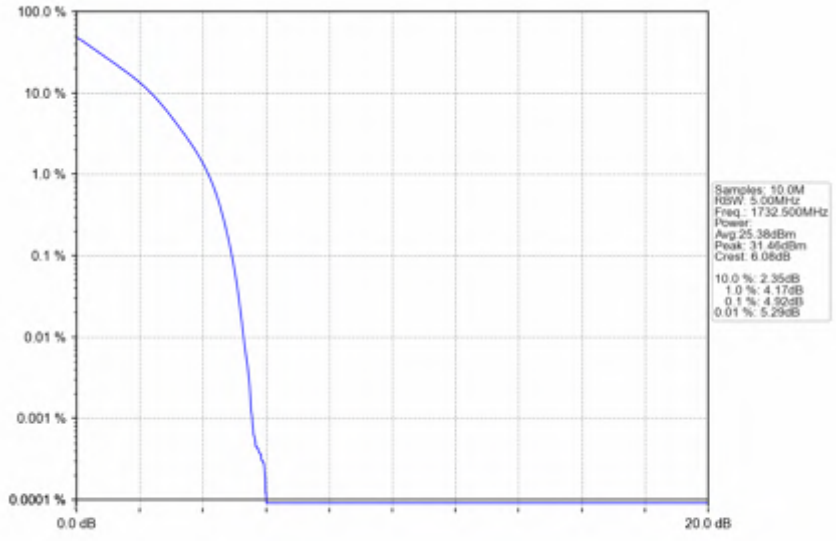
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.97	<=13	Pass
	1732.5	25	0	4.92	<=13	Pass
	1752.5	25	0	4.92	<=13	Pass
16QAM	1712.5	25	0	5.79	<=13	Pass
	1732.5	25	0	5.73	<=13	Pass
	1752.5	25	0	5.73	<=13	Pass
64QAM	1712.5	25	0	6.31	<=13	Pass
	1732.5	25	0	6.26	<=13	Pass
	1752.5	25	0	6.29	<=13	Pass

4.3.2 Test Graph

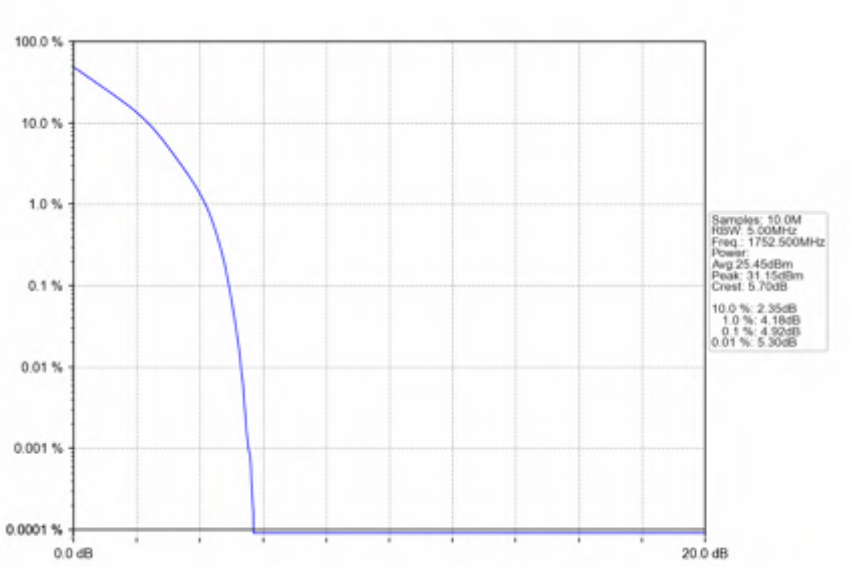
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



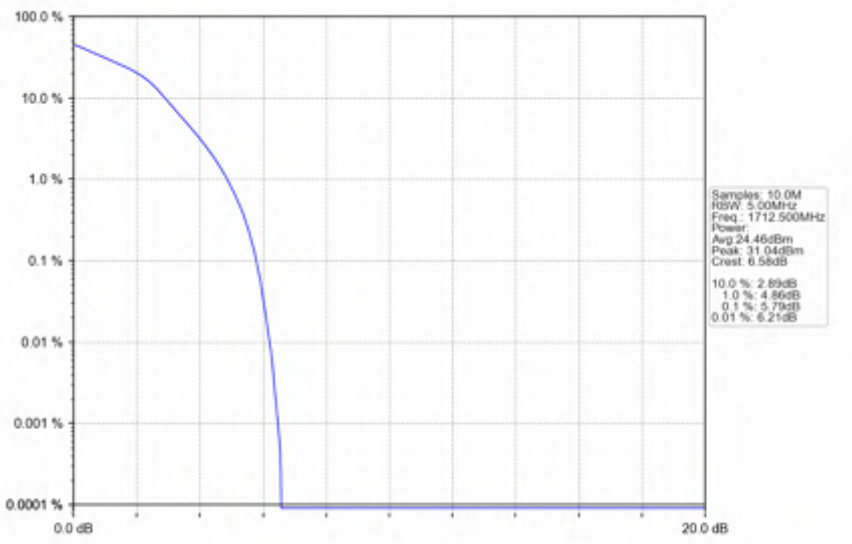
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



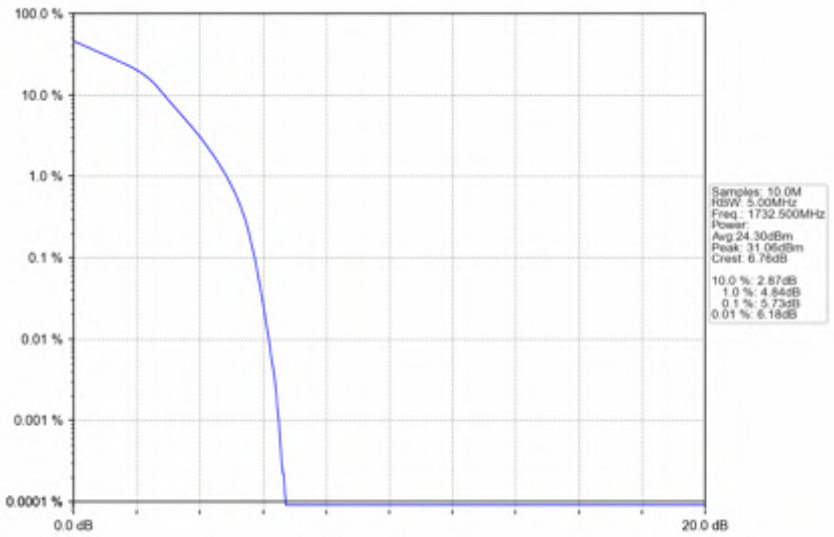
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



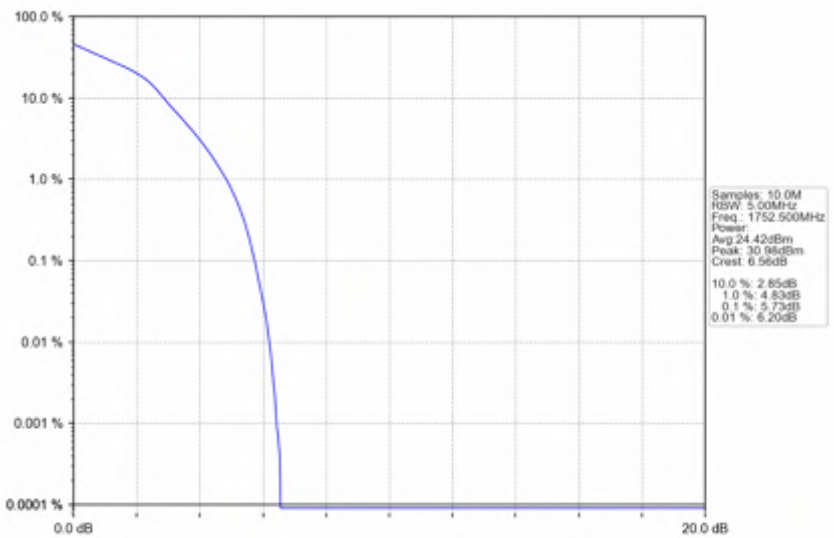
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



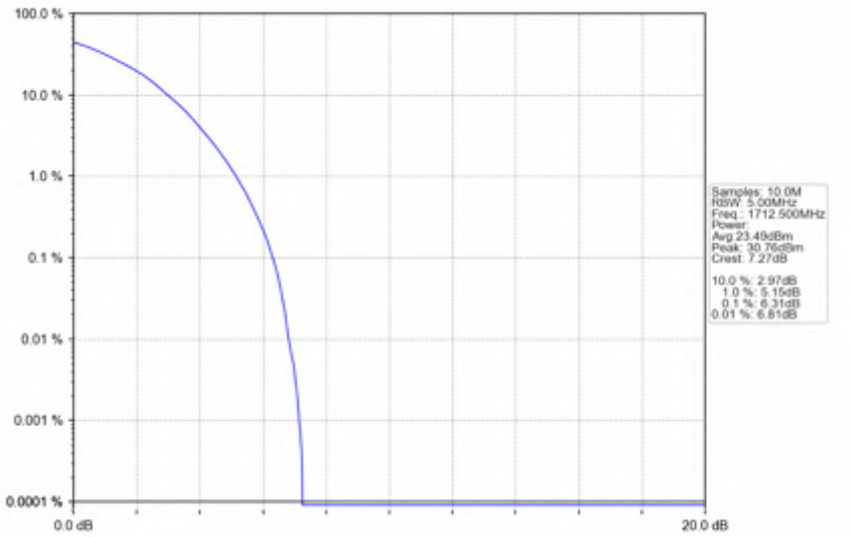
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



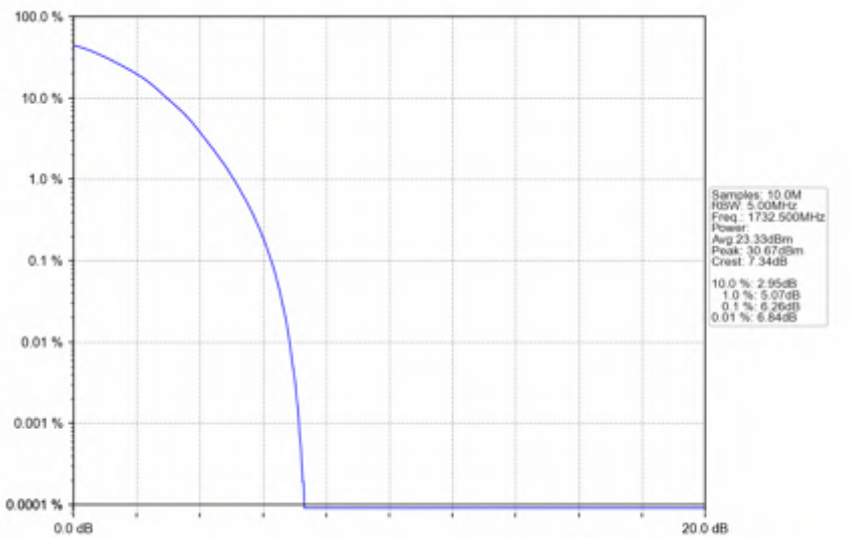
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



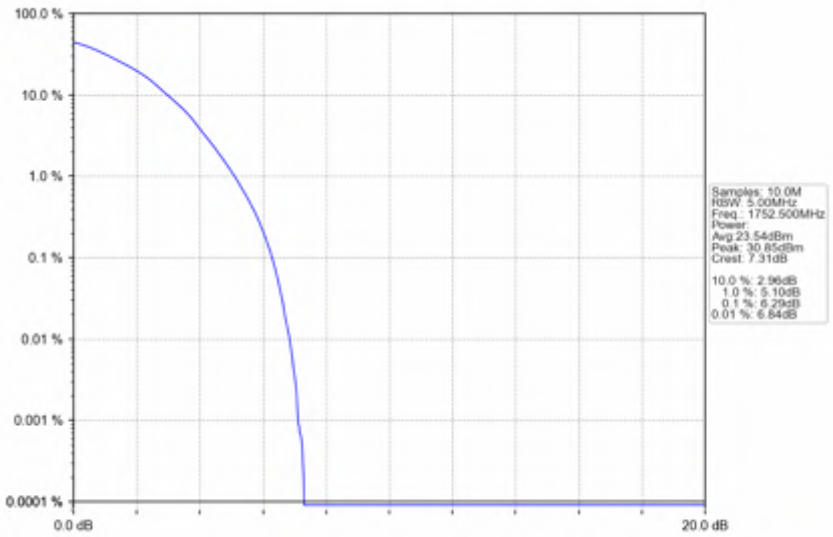
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



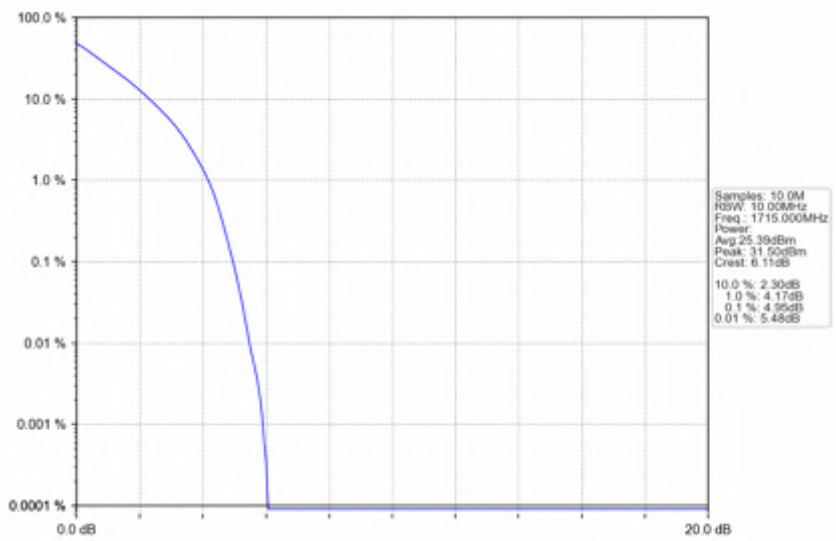
4.4 B4_10MHz

4.4.1 Test Result

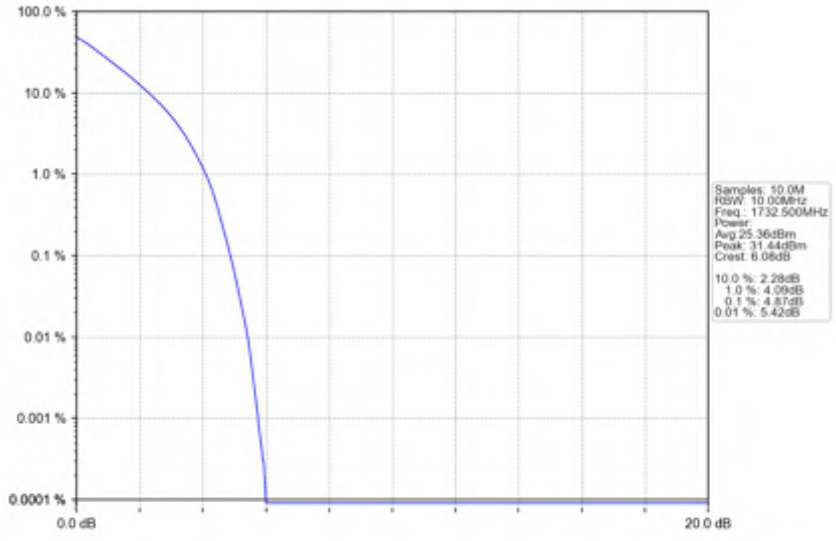
Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.95	<=13	Pass
	1732.5	50	0	4.87	<=13	Pass
	1750	50	0	4.88	<=13	Pass
16QAM	1715	50	0	5.80	<=13	Pass
	1732.5	50	0	5.72	<=13	Pass
	1750	50	0	5.70	<=13	Pass
64QAM	1715	50	0	6.27	<=13	Pass
	1732.5	50	0	6.25	<=13	Pass
	1750	50	0	6.20	<=13	Pass

4.4.2 Test Graph

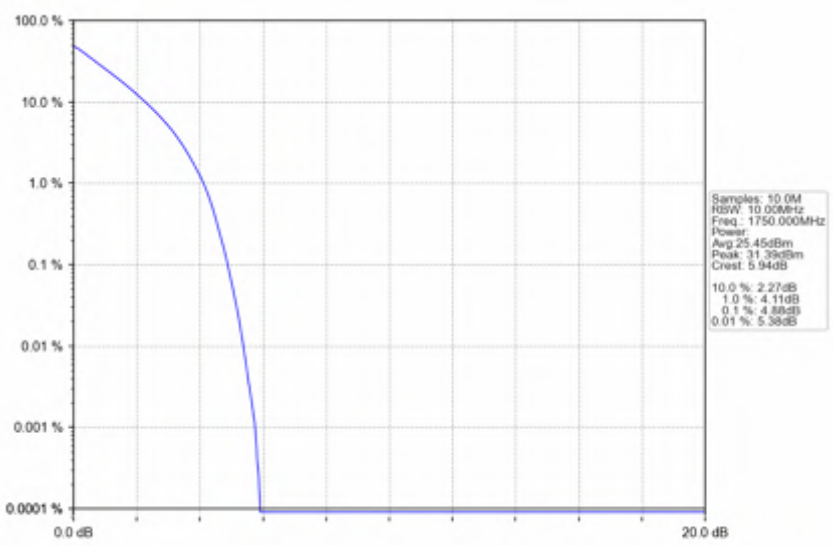
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



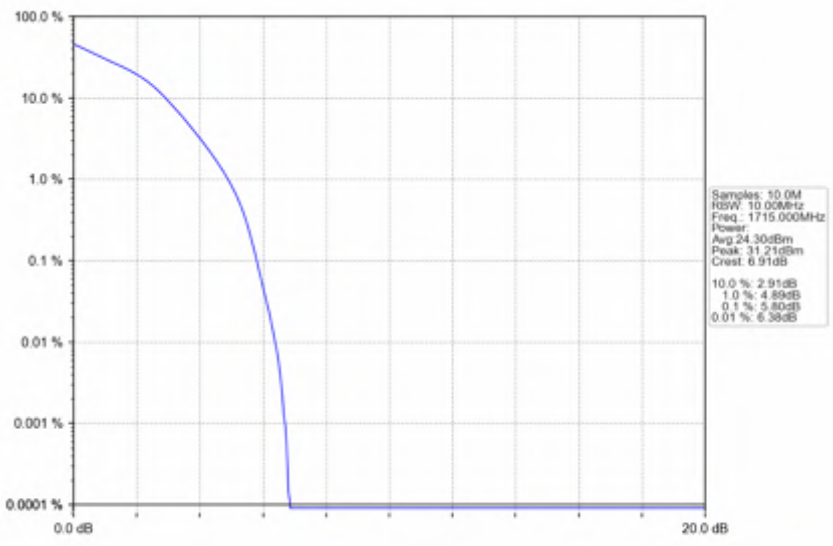
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



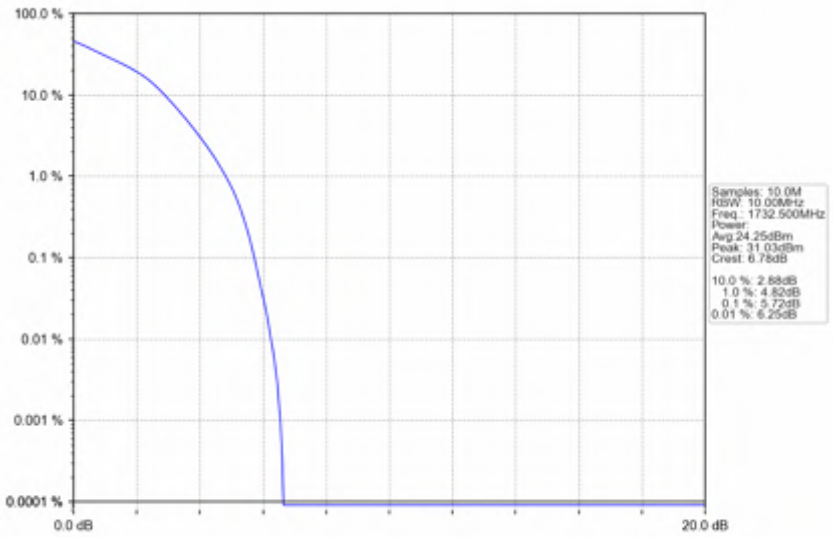
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



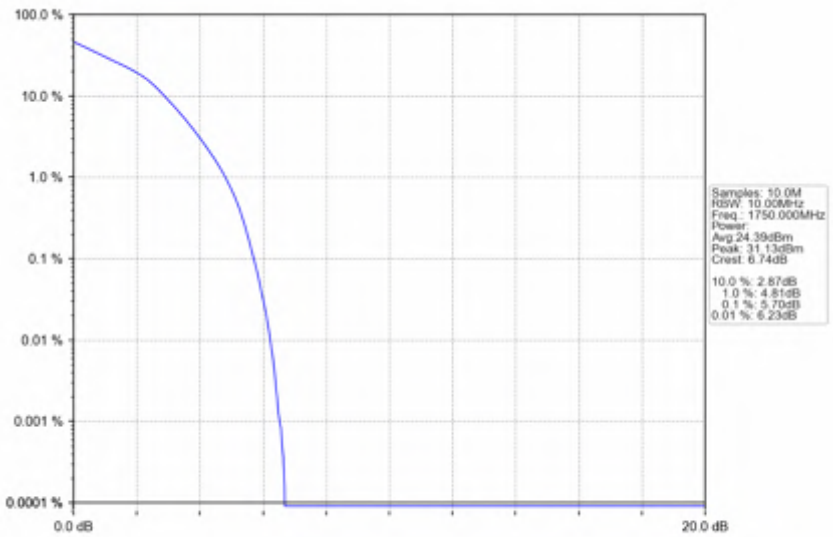
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



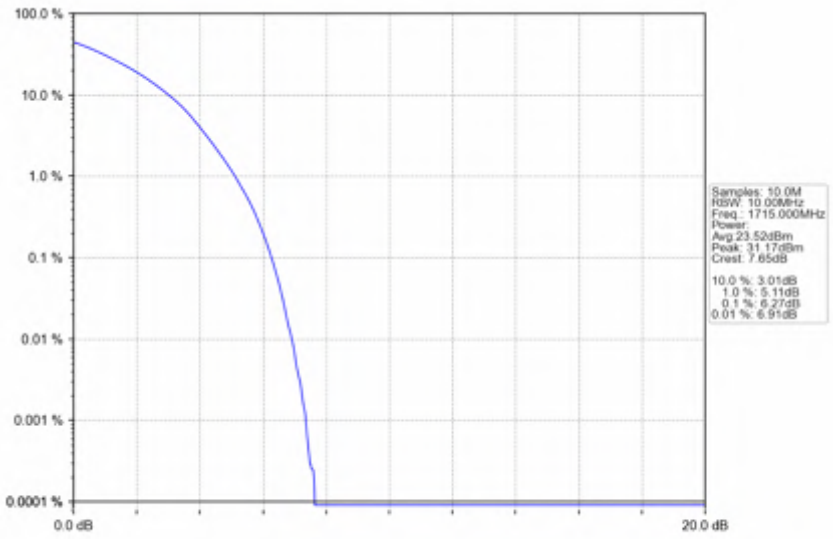
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



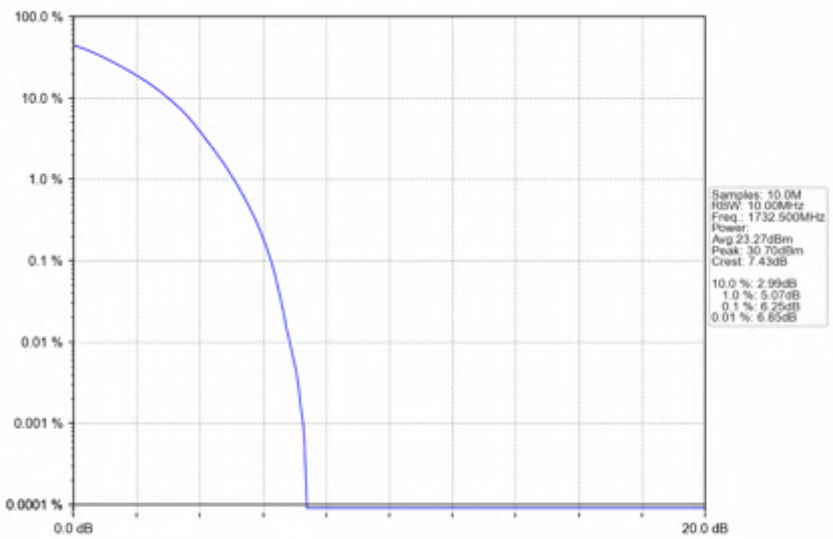
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



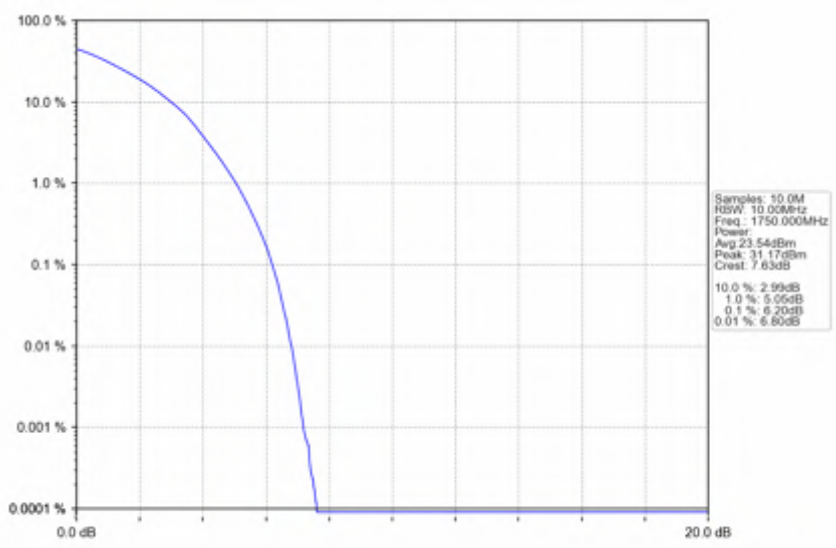
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



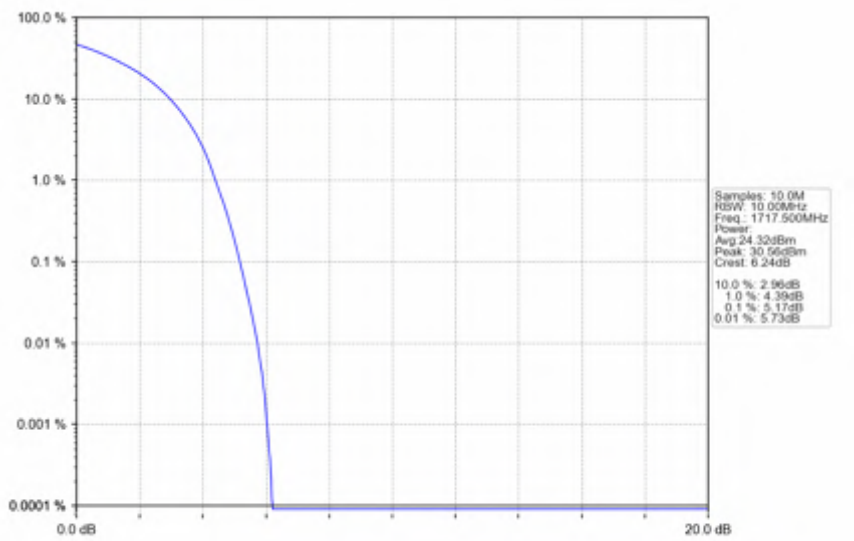
4.5 B4_15MHz

4.5.1 Test Result

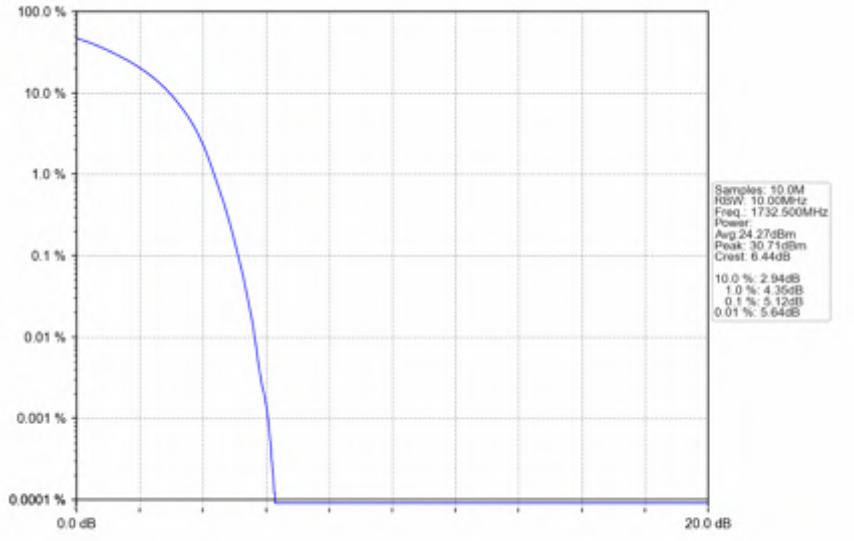
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.17	<=13	Pass
	1732.5	75	0	5.12	<=13	Pass
	1747.5	75	0	5.12	<=13	Pass
16QAM	1717.5	75	0	6.27	<=13	Pass
	1732.5	75	0	6.19	<=13	Pass
	1747.5	75	0	6.25	<=13	Pass
64QAM	1717.5	75	0	6.54	<=13	Pass
	1732.5	75	0	6.47	<=13	Pass
	1747.5	75	0	6.48	<=13	Pass

4.5.2 Test Graph

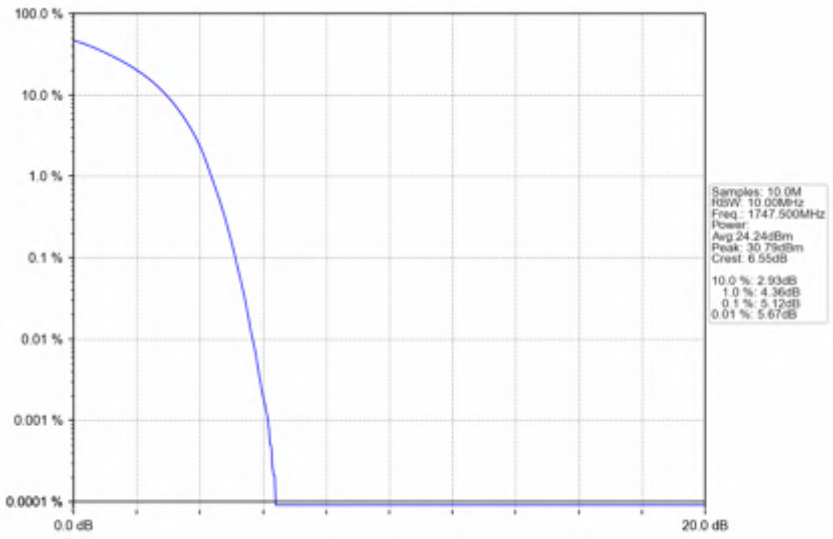
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



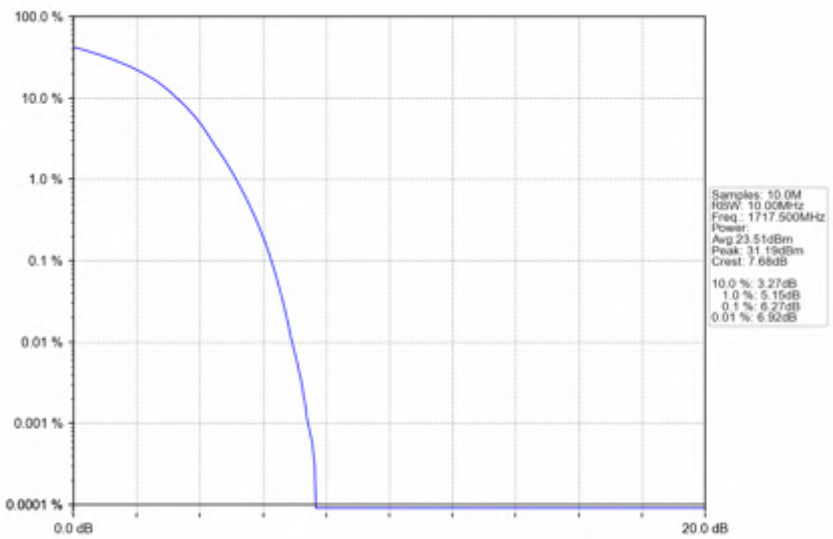
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



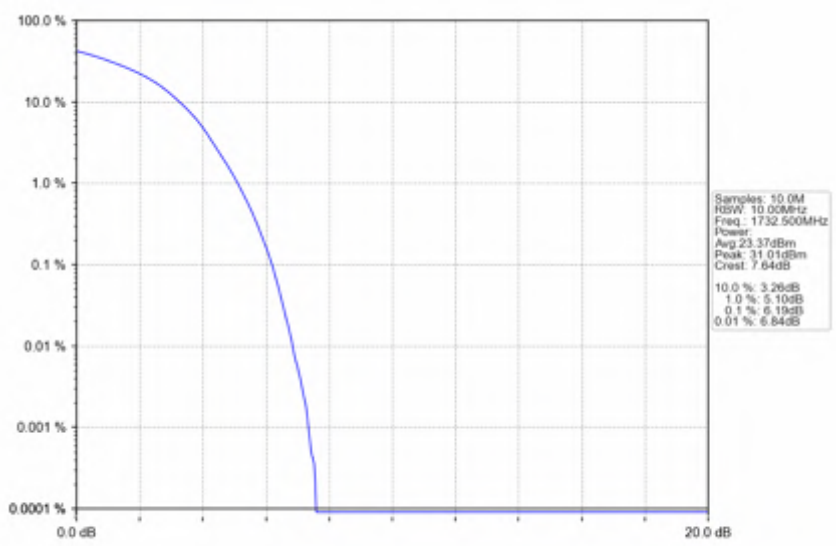
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



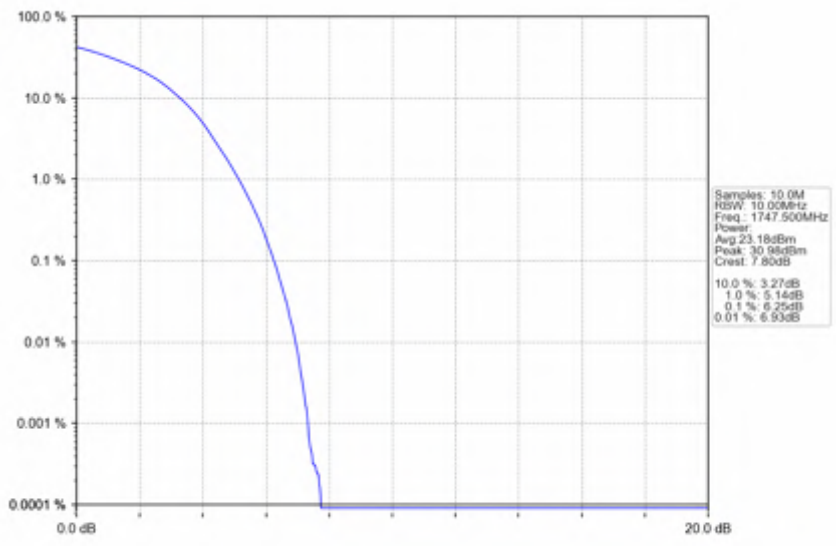
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



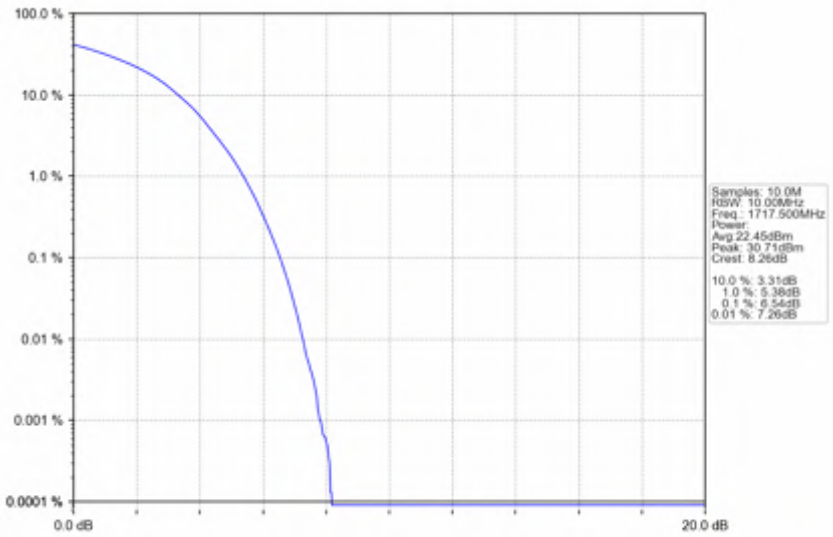
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



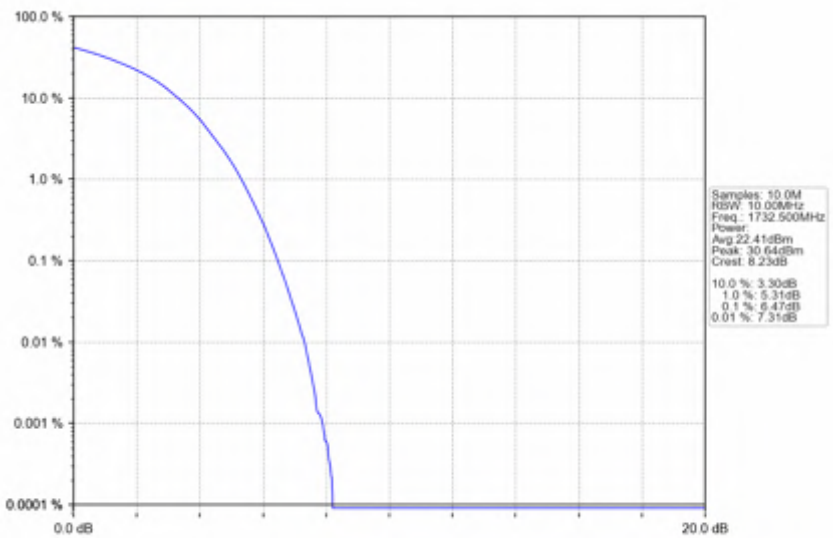
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



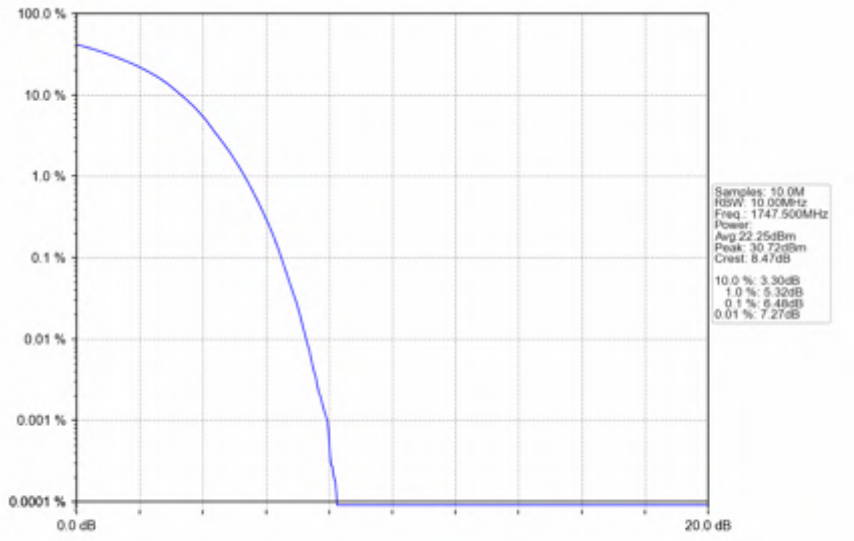
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



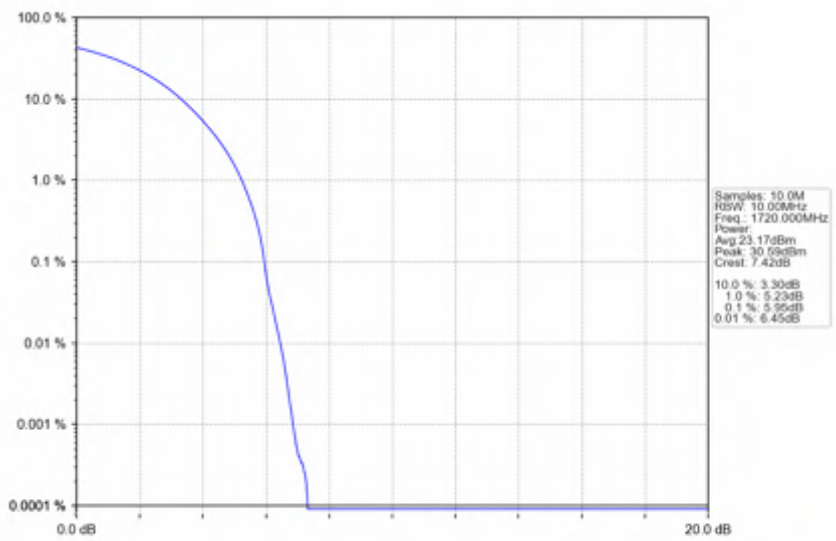
4.6 B4_20MHz

4.6.1 Test Result

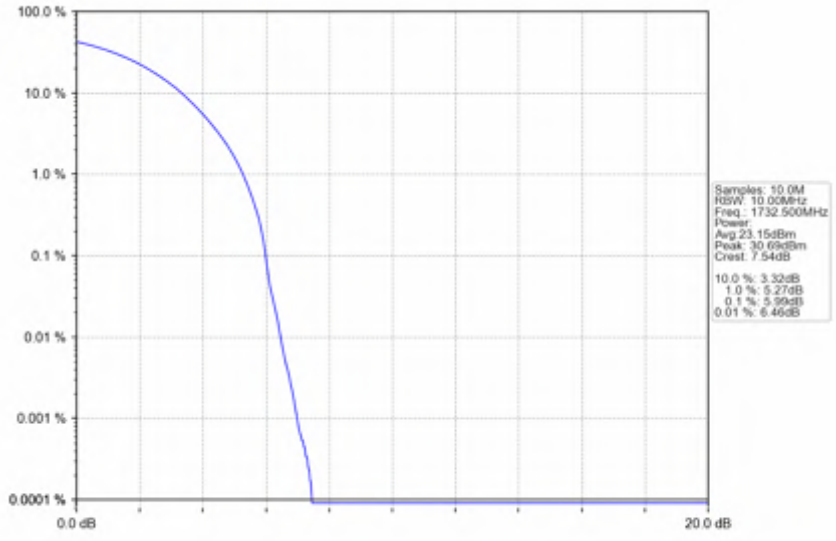
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.95	<=13	Pass
	1732.5	100	0	5.99	<=13	Pass
	1745	100	0	6.03	<=13	Pass
16QAM	1720	100	0	6.83	<=13	Pass
	1732.5	100	0	6.74	<=13	Pass
	1745	100	0	6.74	<=13	Pass
64QAM	1720	100	0	6.94	<=13	Pass
	1732.5	100	0	7.00	<=13	Pass
	1745	100	0	6.94	<=13	Pass

4.6.2 Test Graph

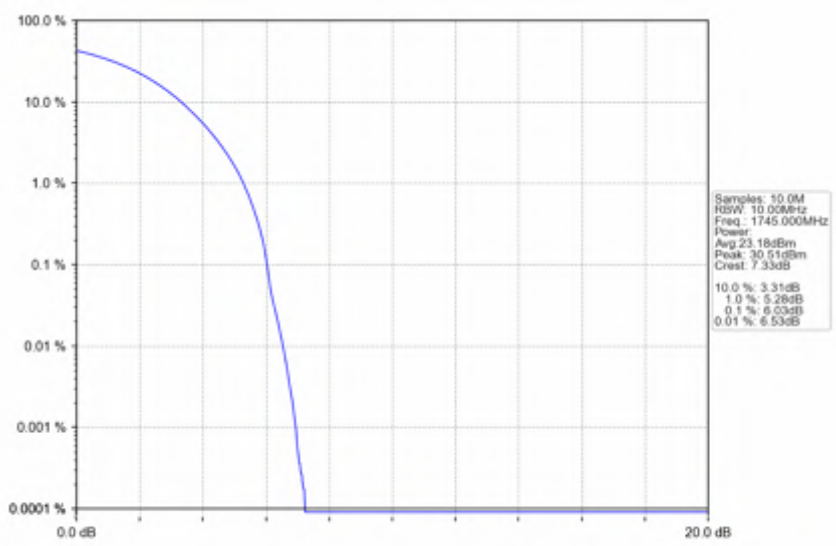
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



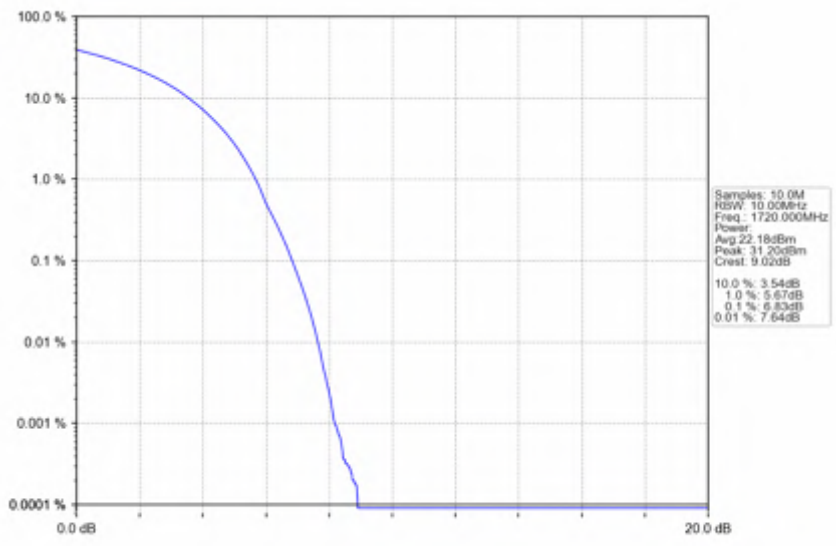
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



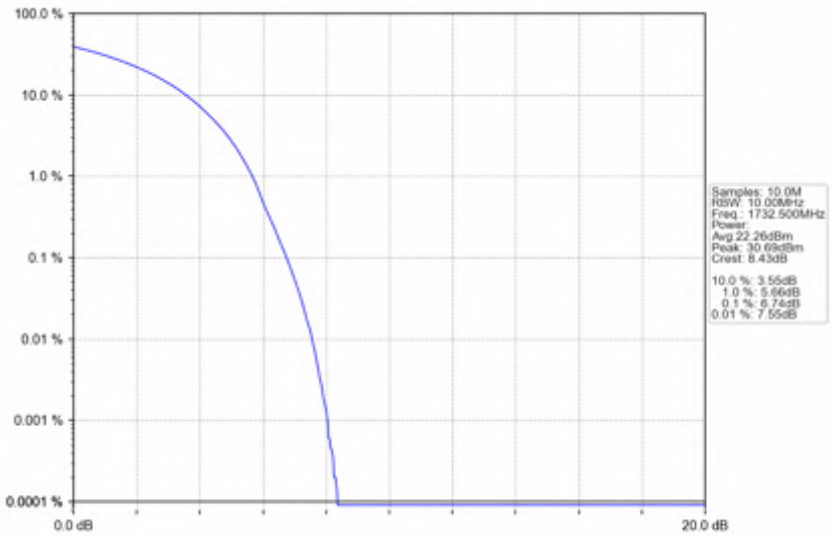
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



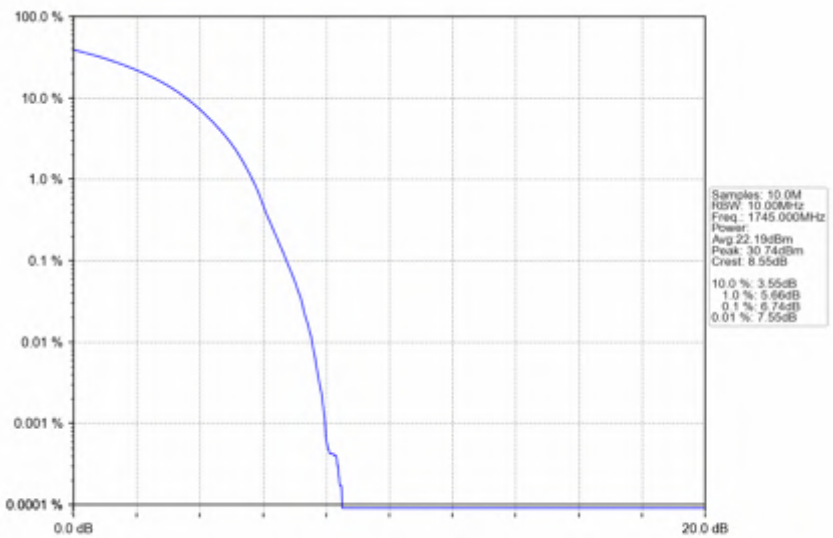
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



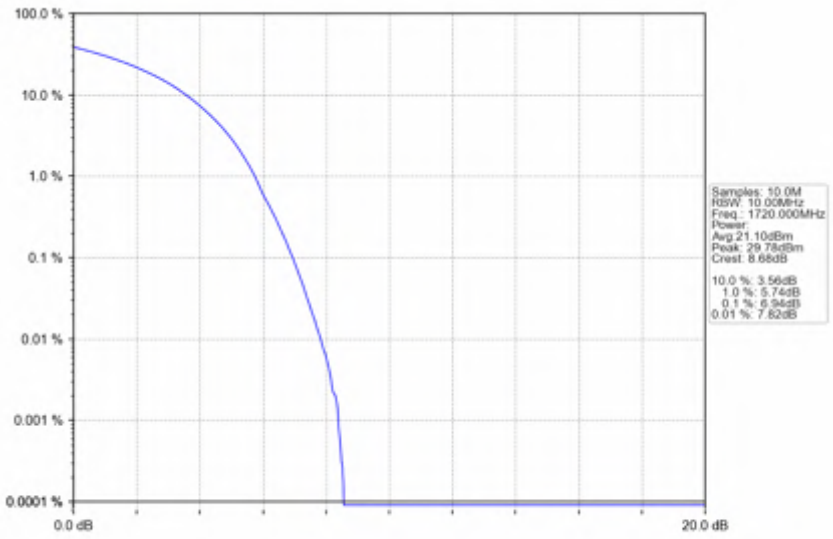
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



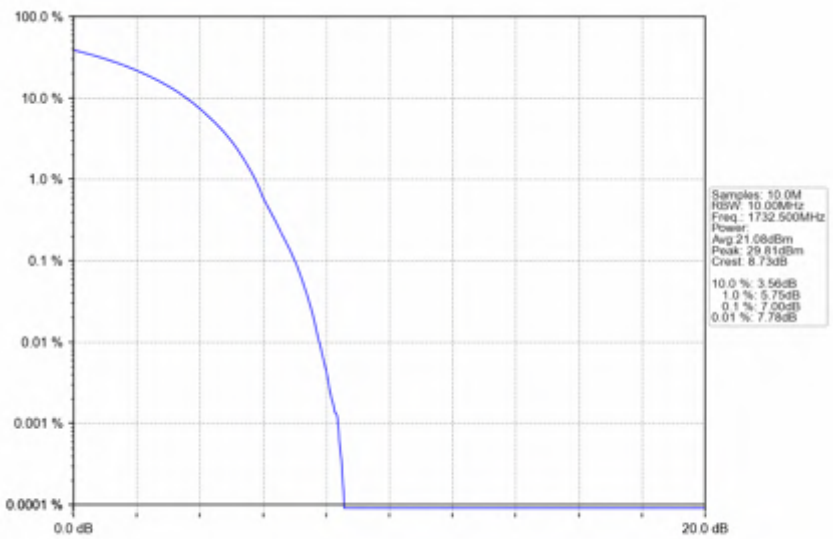
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



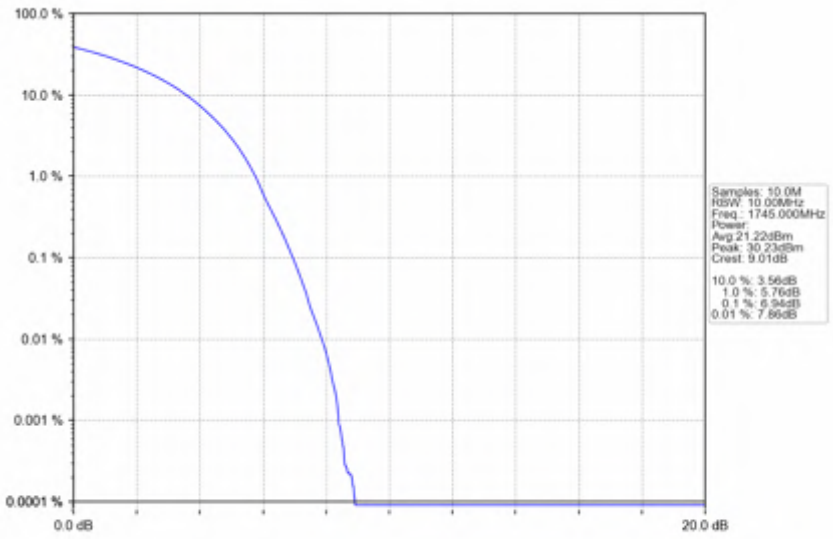
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



5. Spurious Emission

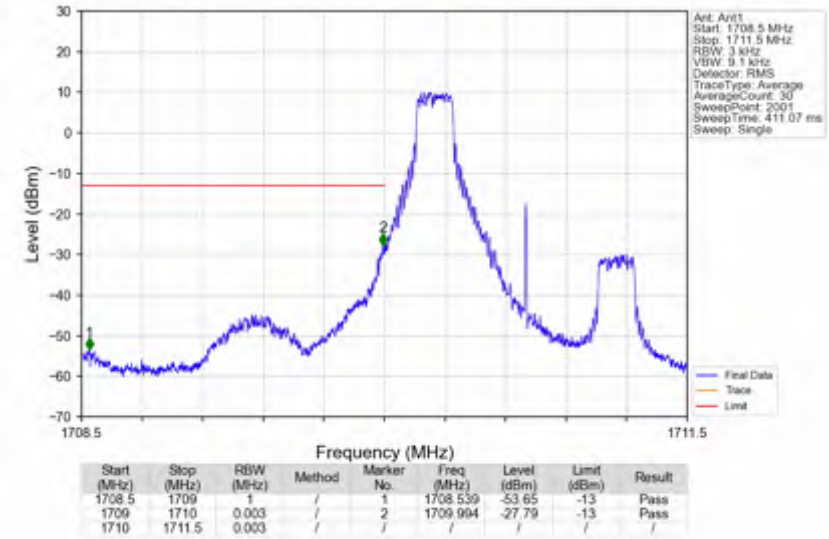
5.1 B4_1.4MHz

5.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	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

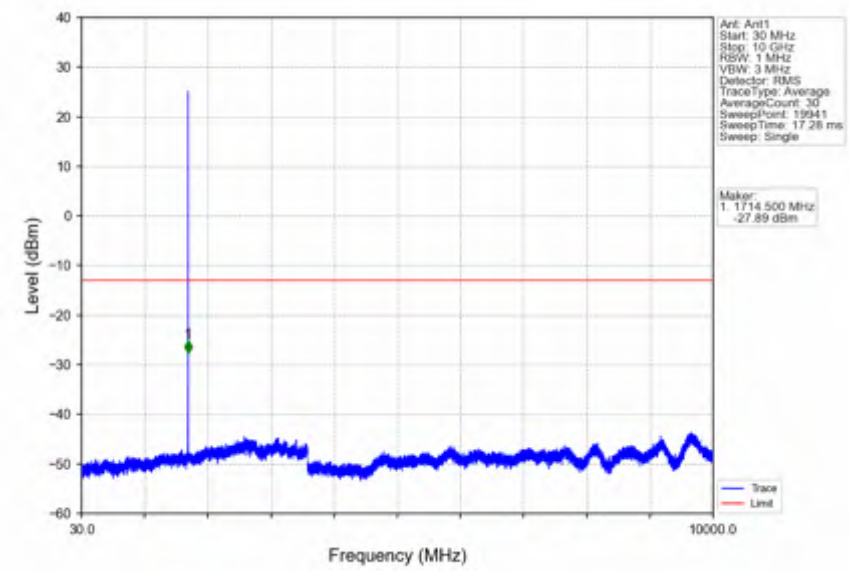
5.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

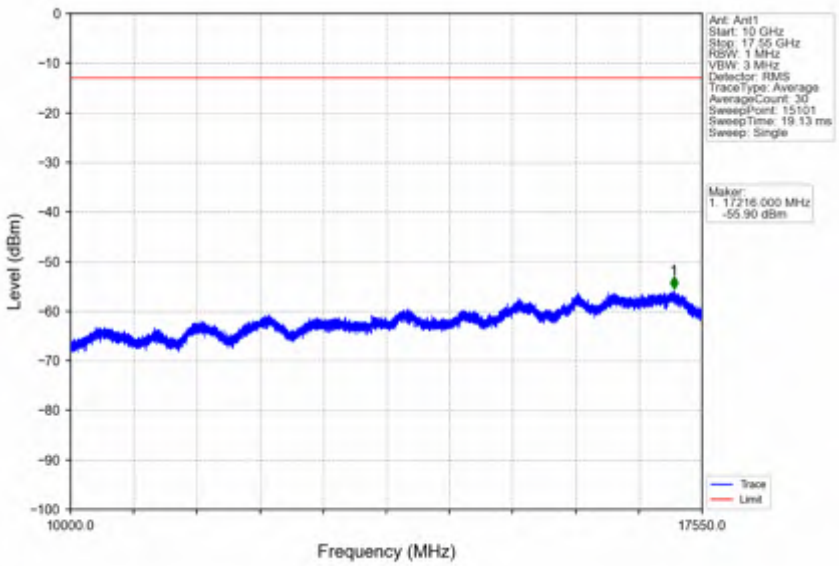


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.539	-53.65	-13	Pass
1709	1710	0.003	/	2	1709.994	-27.79	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

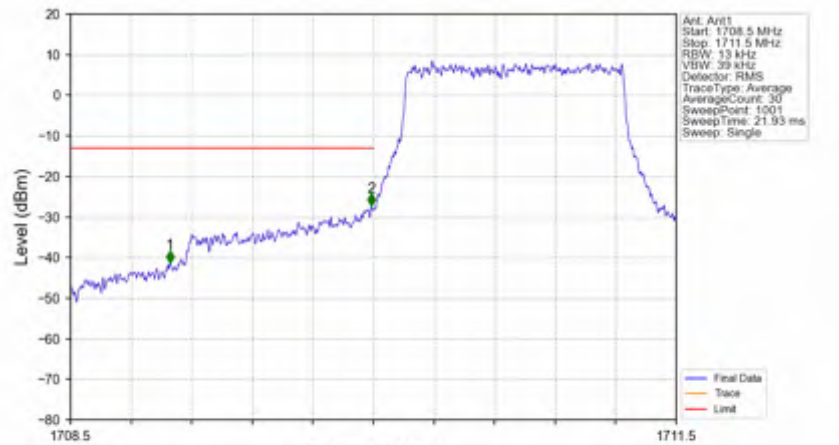
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

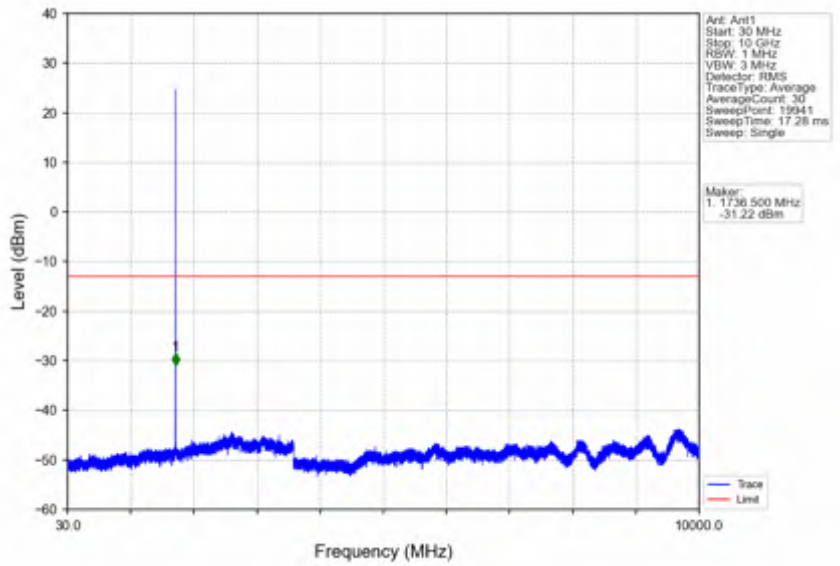


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

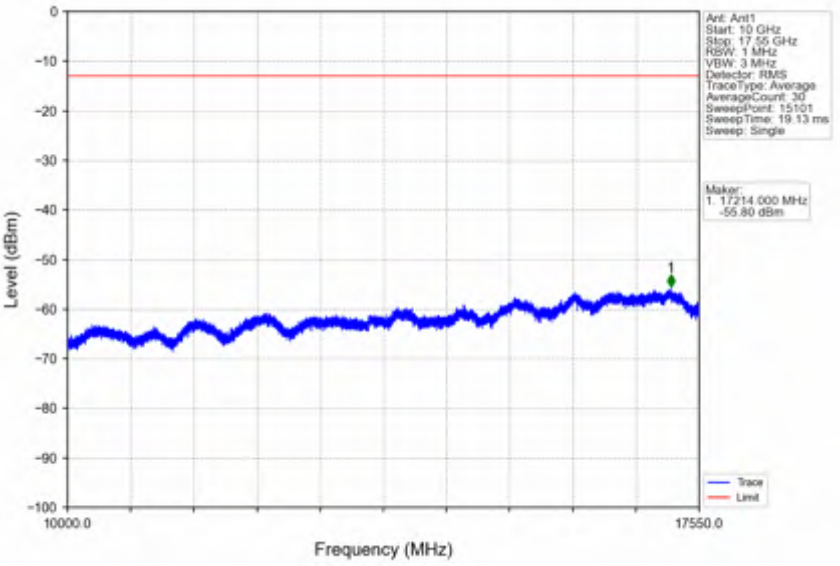


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.992	-41.29	-13	Pass
1709	1710	0.013	/	2	1709.991	-27.34	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

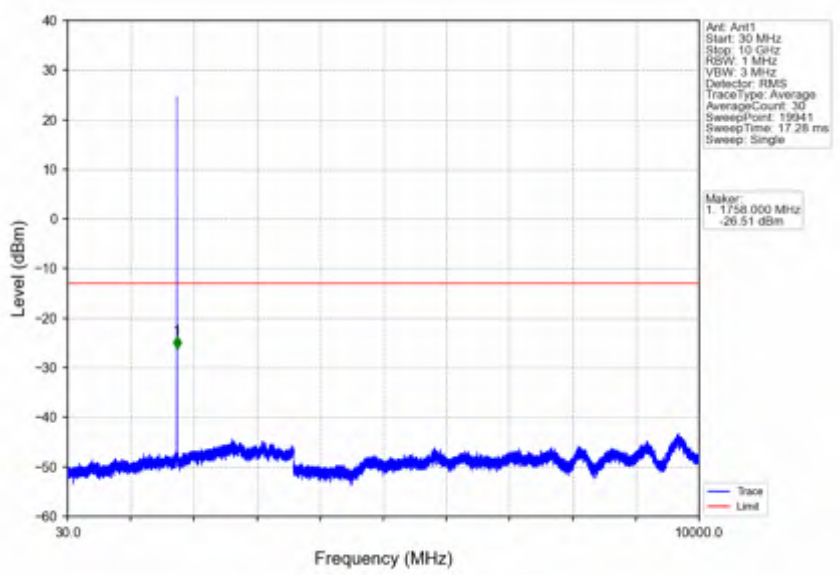
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



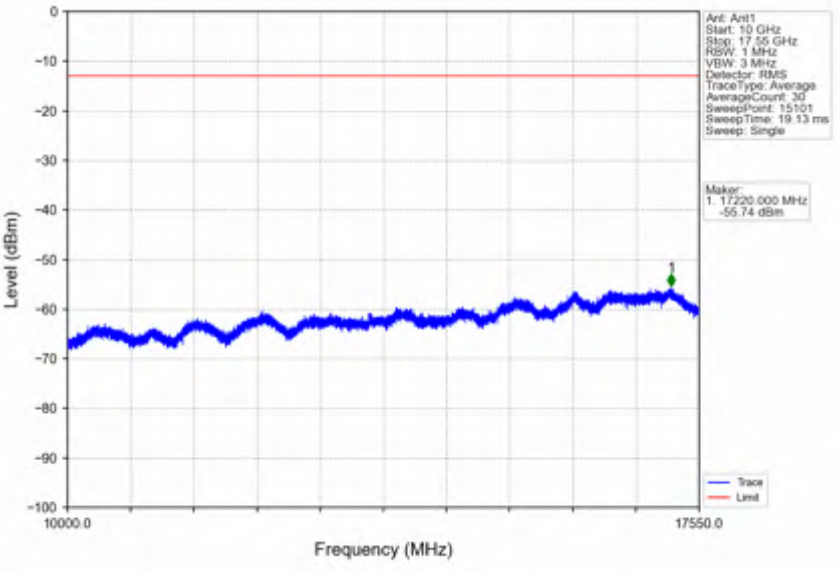
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



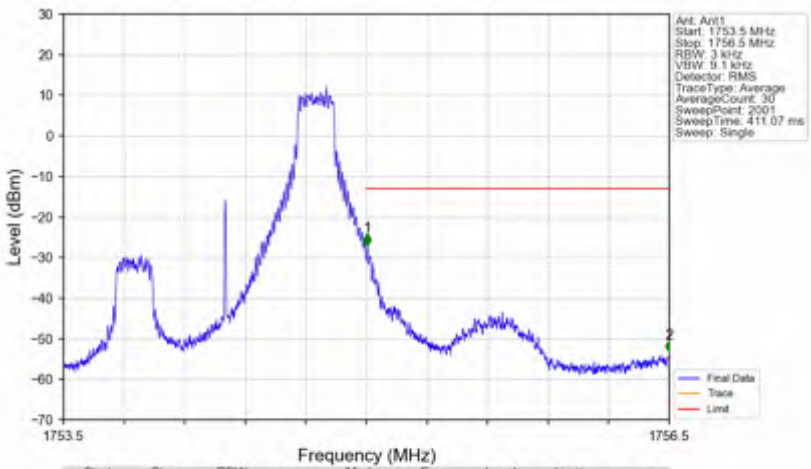
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

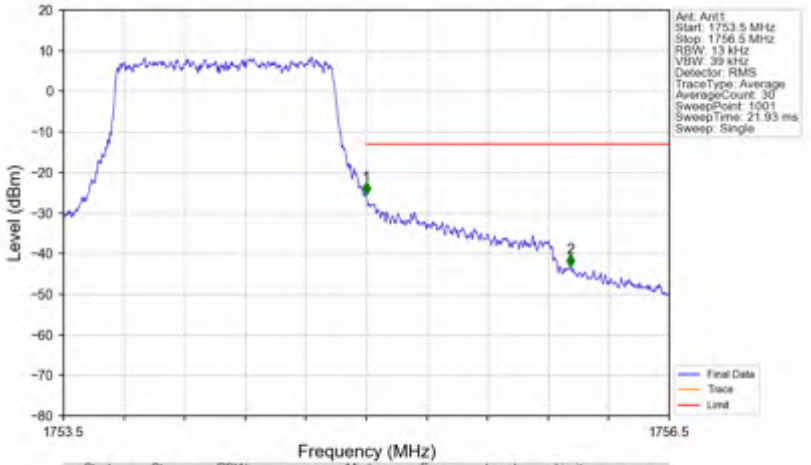


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



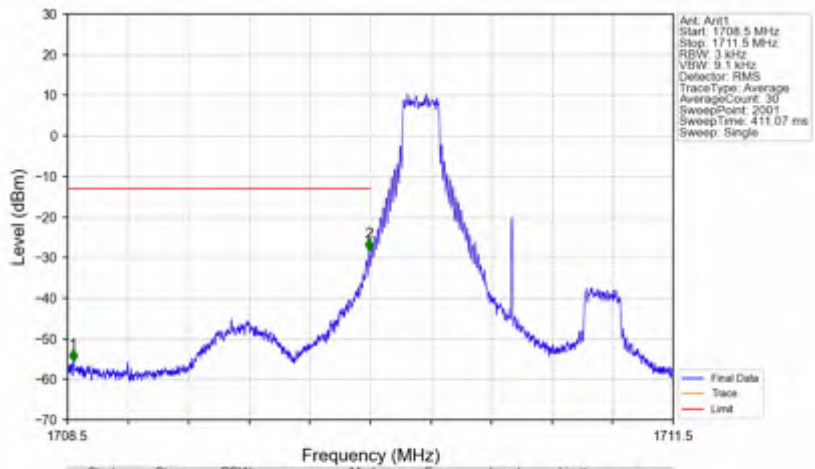
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-27.08	-13	Pass
1756	1756.5	1	/	2	1756.500	-53.41	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



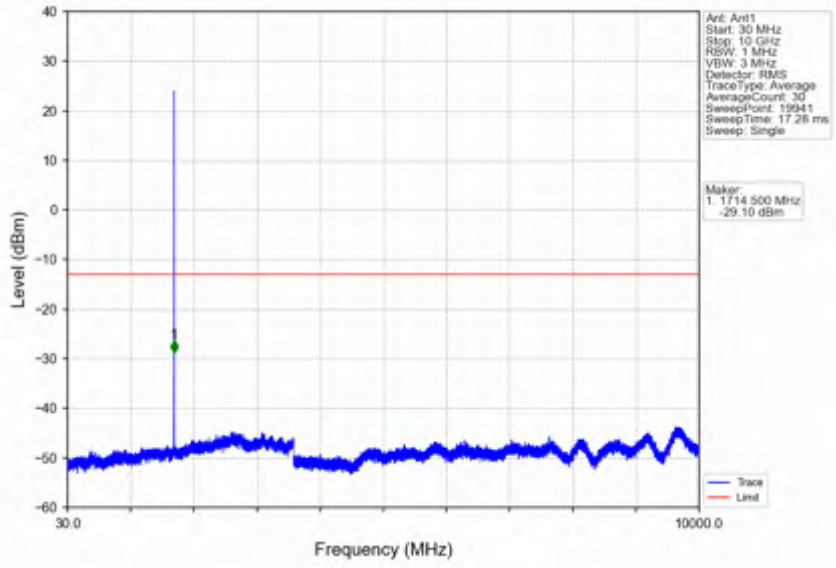
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.000	-25.48	-13	Pass
1756	1756.5	1	/	2	1756.011	-43.39	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

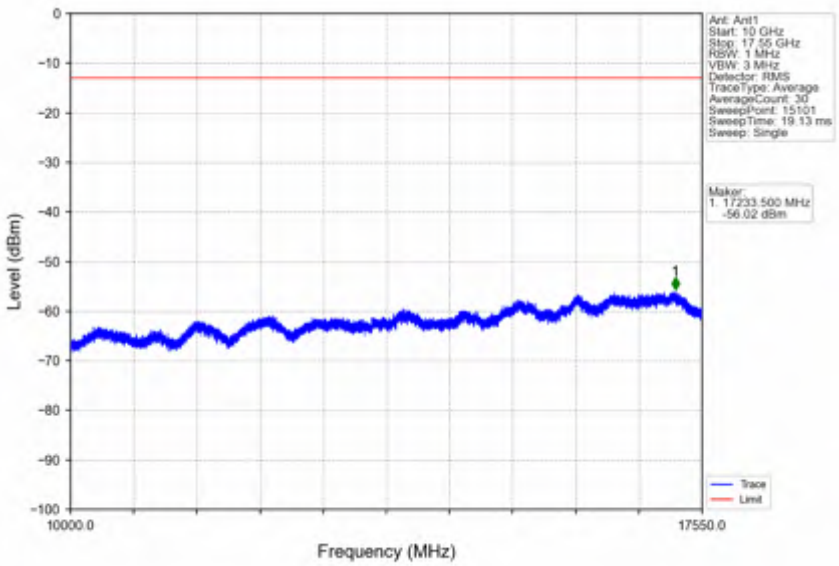


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.528	-55.76	-13	Pass
1709	1710	0.003	/	2	1709.994	-28.34	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

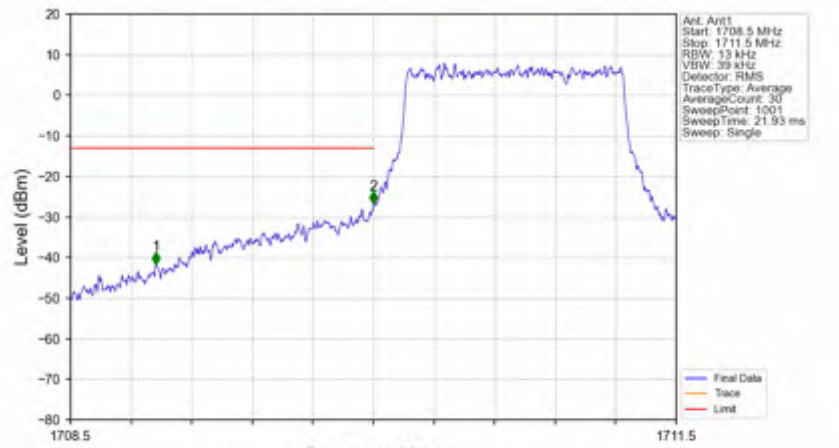
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

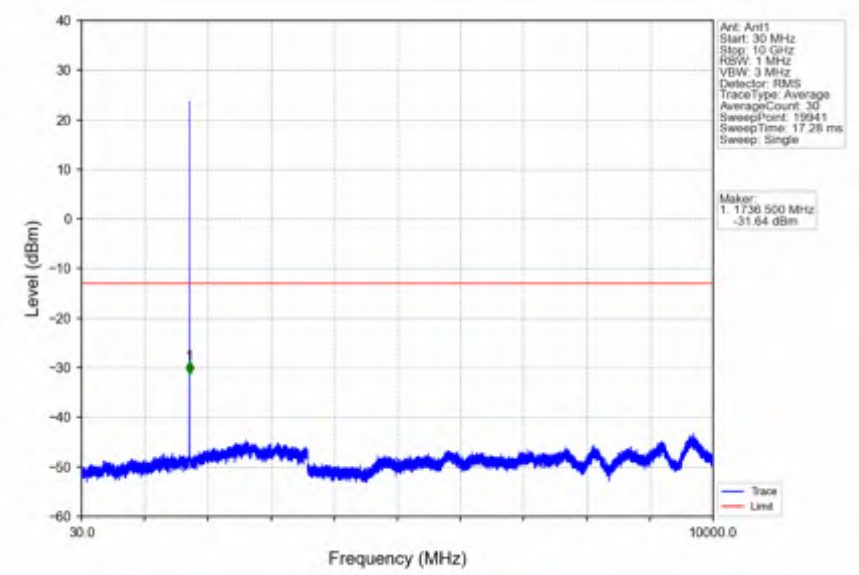


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

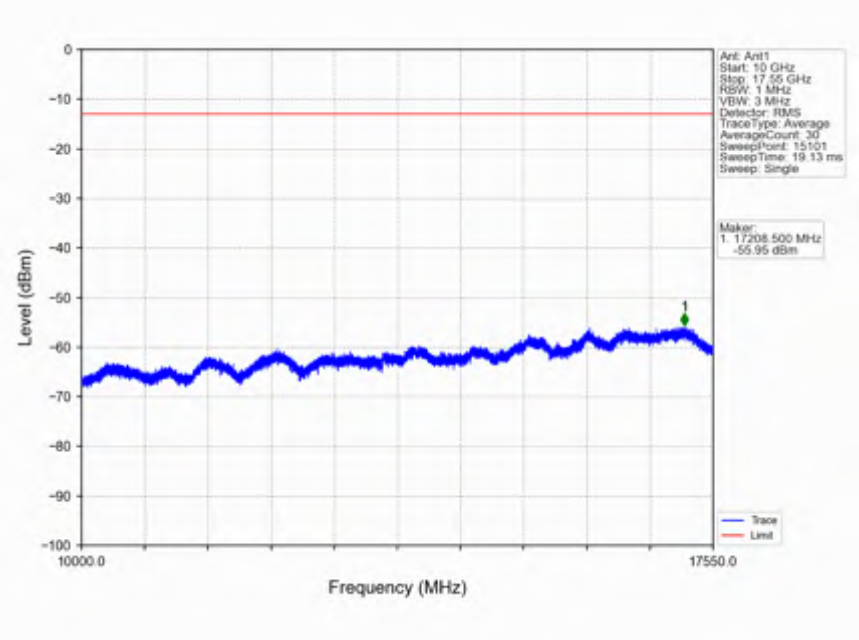


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.923	-41.66	-13	Pass
1709	1710	0.013	/	2	1710.000	-26.69	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

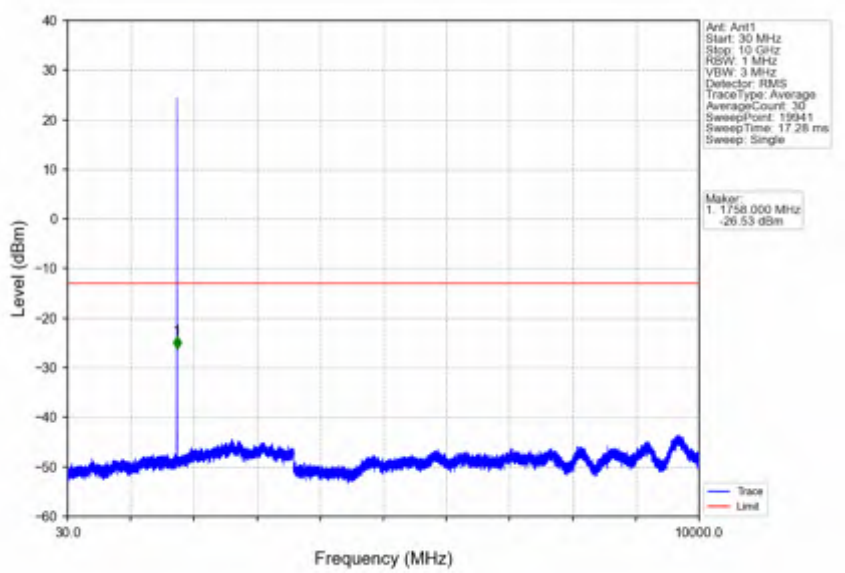
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



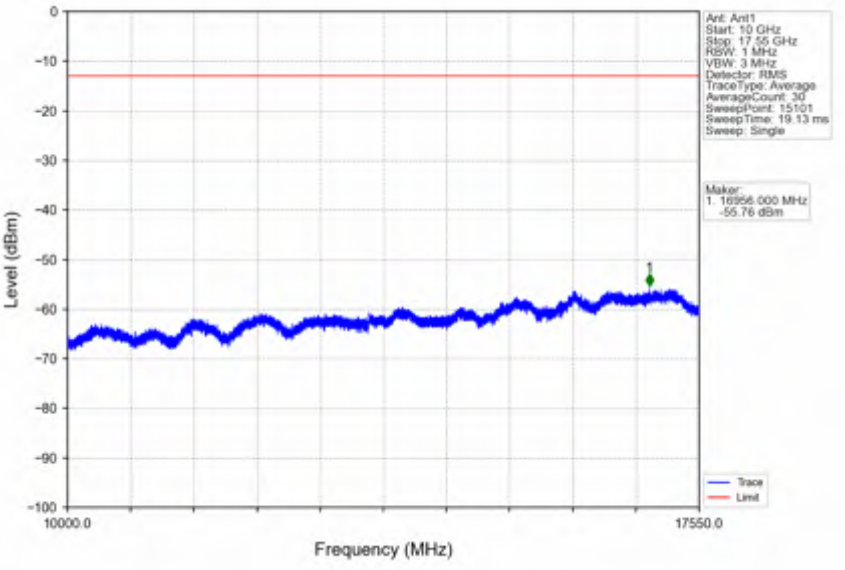
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



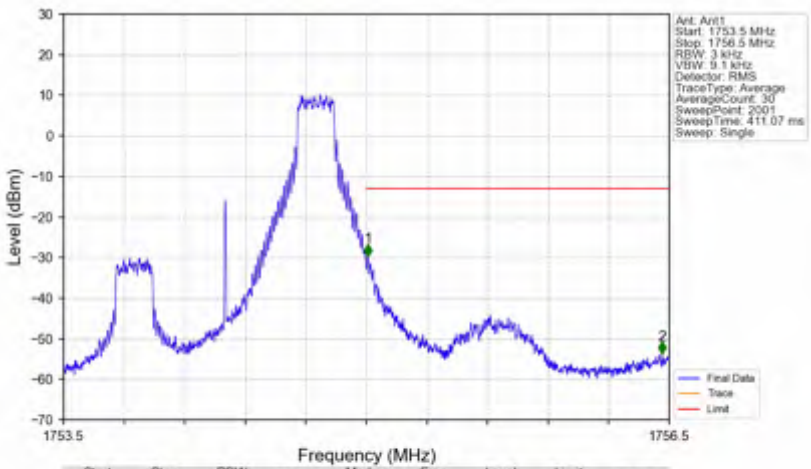
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

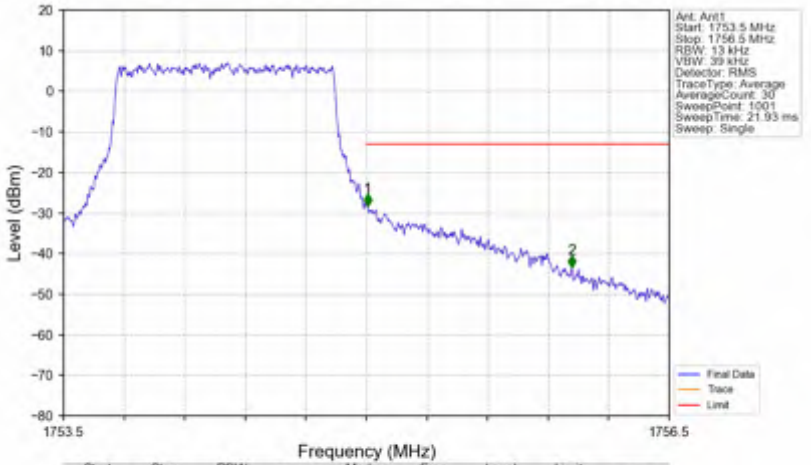


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



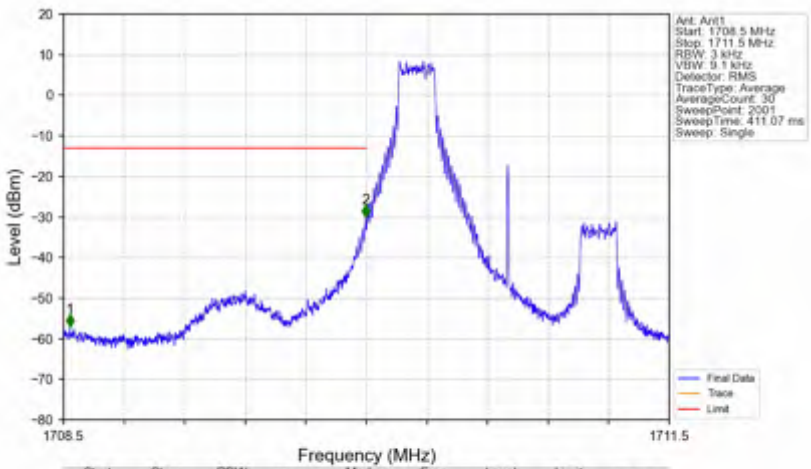
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-29.70	-13	Pass
1756	1756.5	1	/	2	1756.466	-53.77	-13	Pass

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



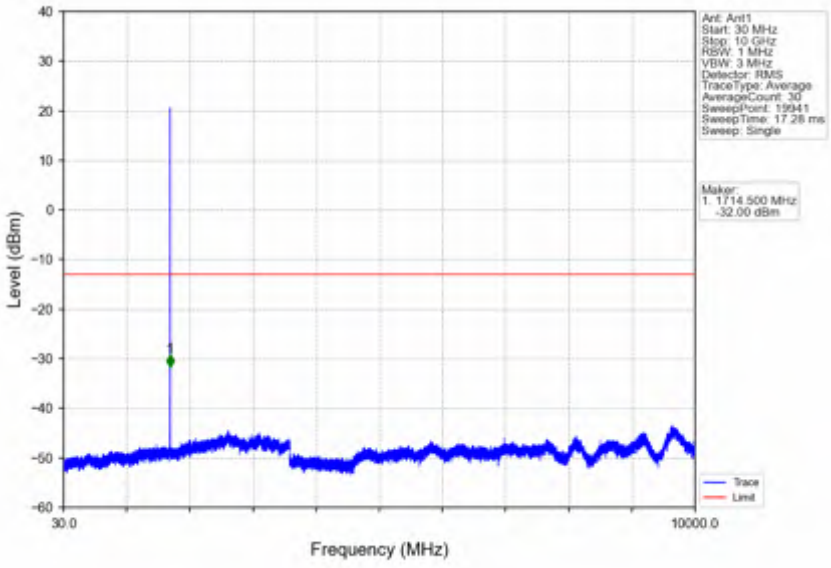
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.006	-28.28	-13	Pass
1756	1756.5	1	/	2	1756.017	-43.44	-13	Pass

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV

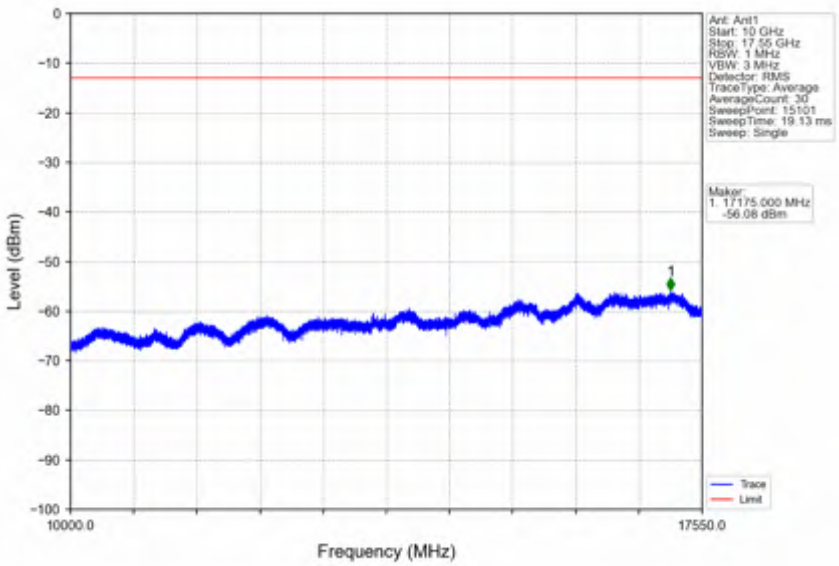


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.532	-57.06	-13	Pass
1709	1710	0.003	/	2	1709.995	-30.13	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

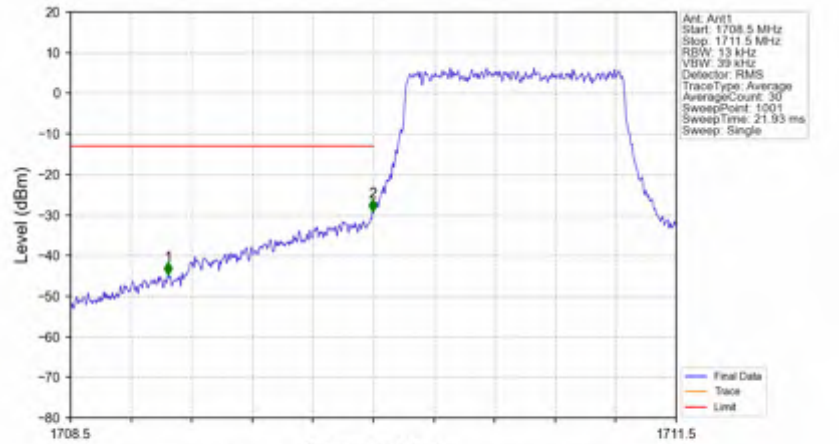
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV

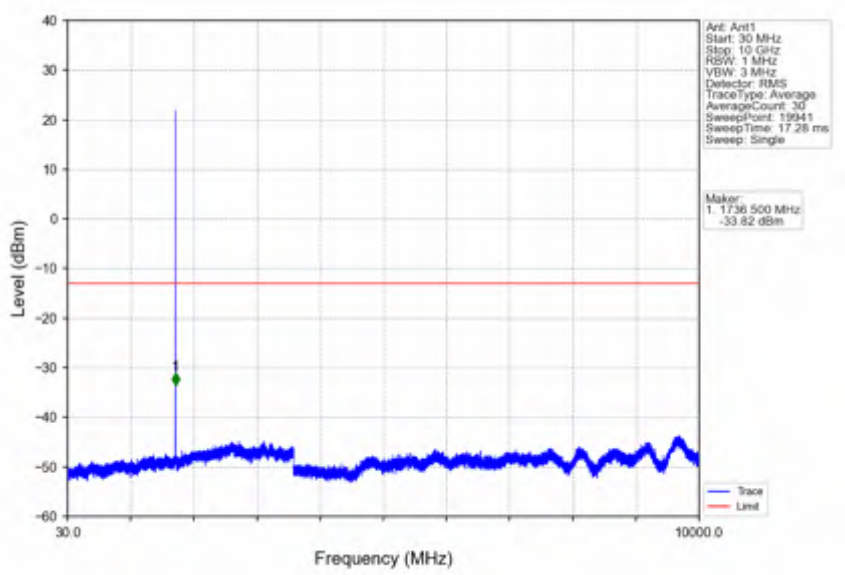


Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV

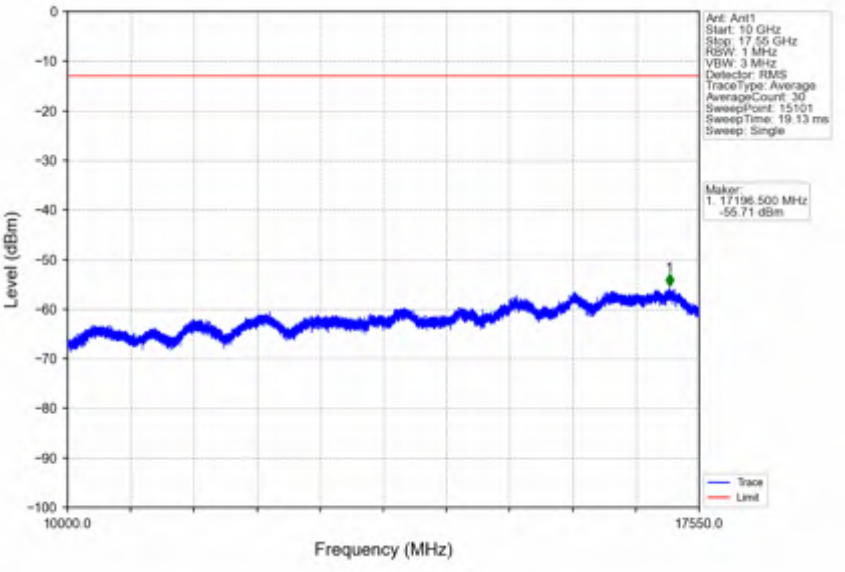


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.983	-44.80	-13	Pass
1709	1710	0.013	/	2	1709.997	-29.14	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

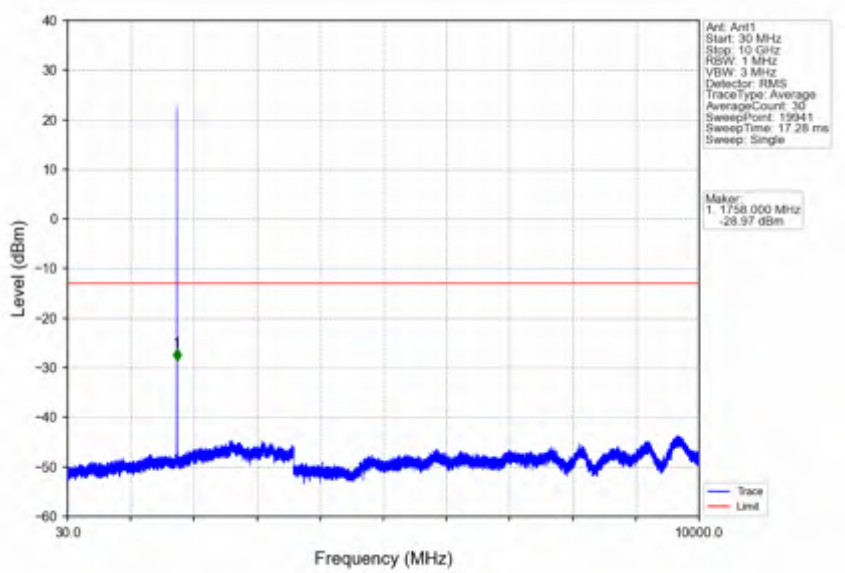
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



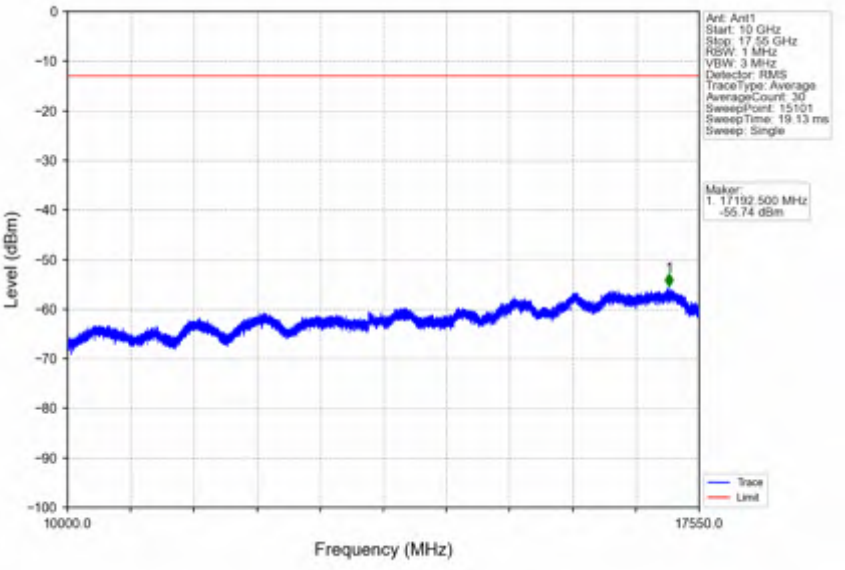
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



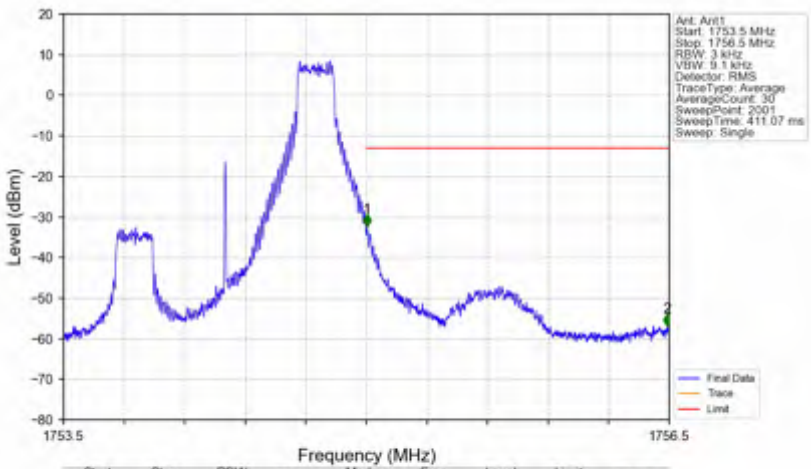
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_1_0_NTNV

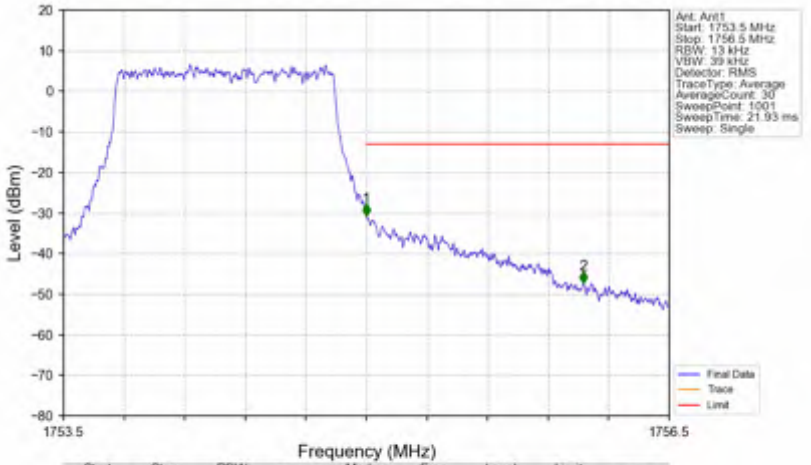


Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-32.43	-13	Pass
1756	1756.5	1	/	2	1756.491	-56.87	-13	Pass

Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.000	-30.80	-13	Pass
1756	1756.5	1	/	2	1756.074	-47.40	-13	Pass

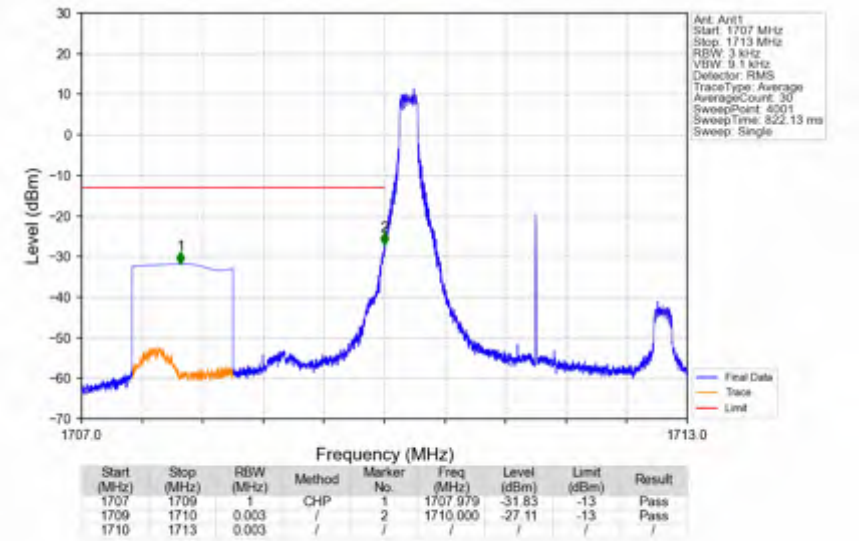
5.2 B4_3MHz

5.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	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

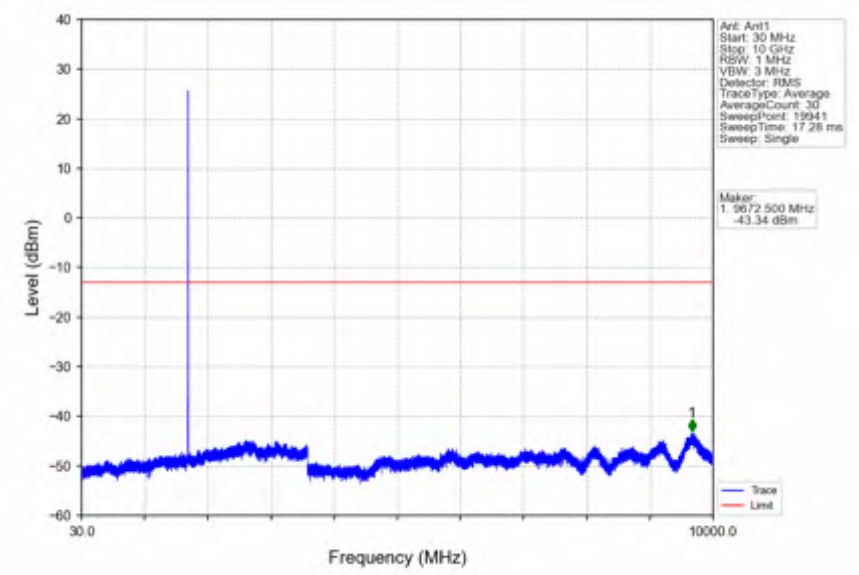
5.2.2 Test Graph

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

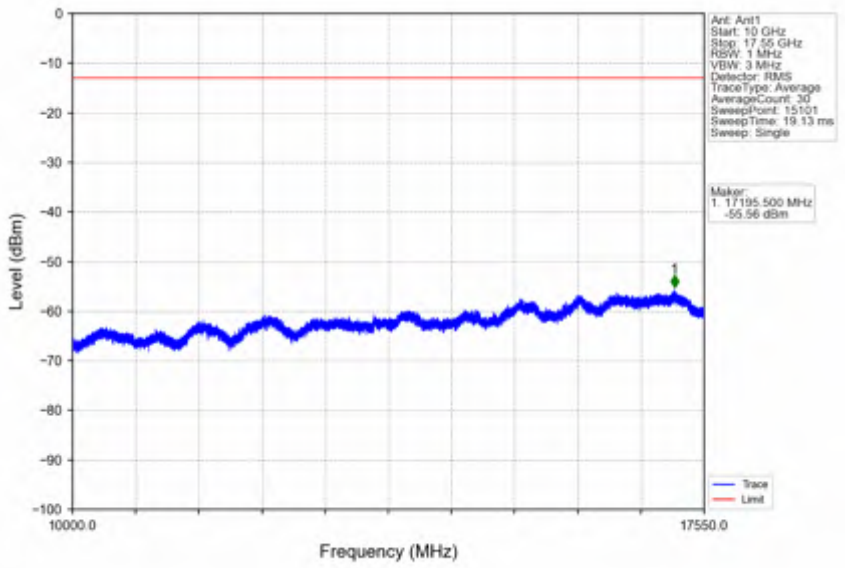


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.979	-31.83	-13	Pass
1709	1710	0.003	/	2	1710.000	-27.11	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

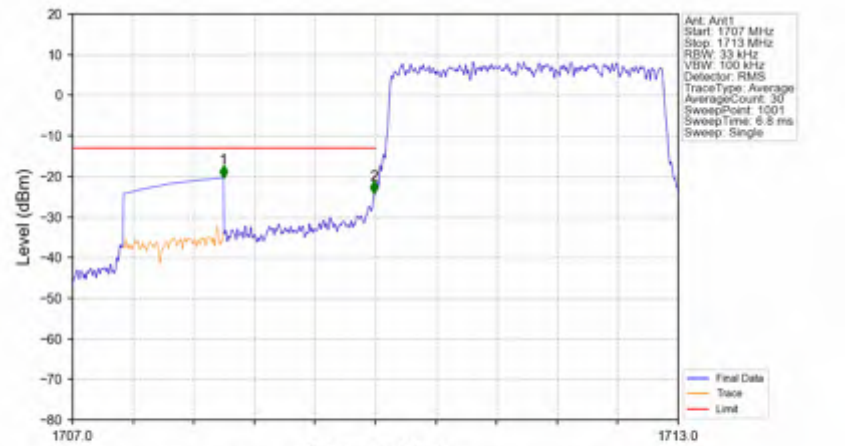
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

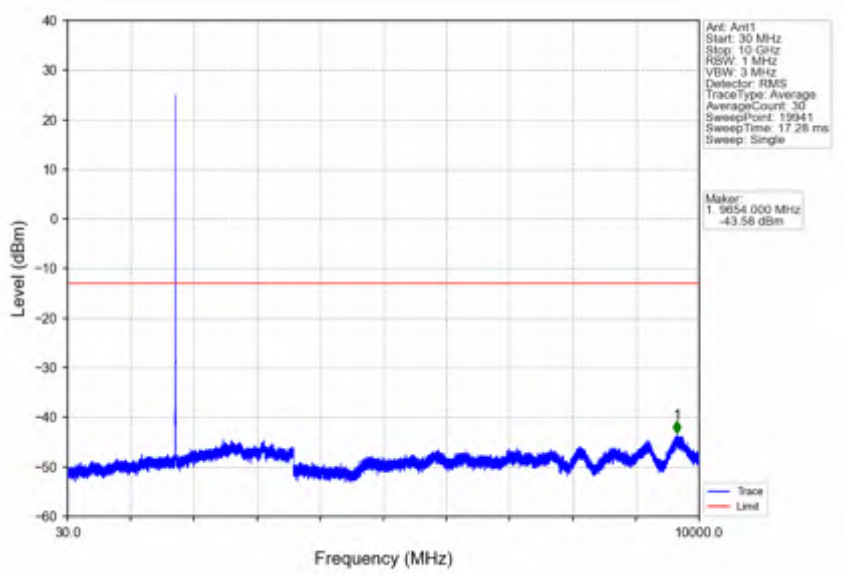


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

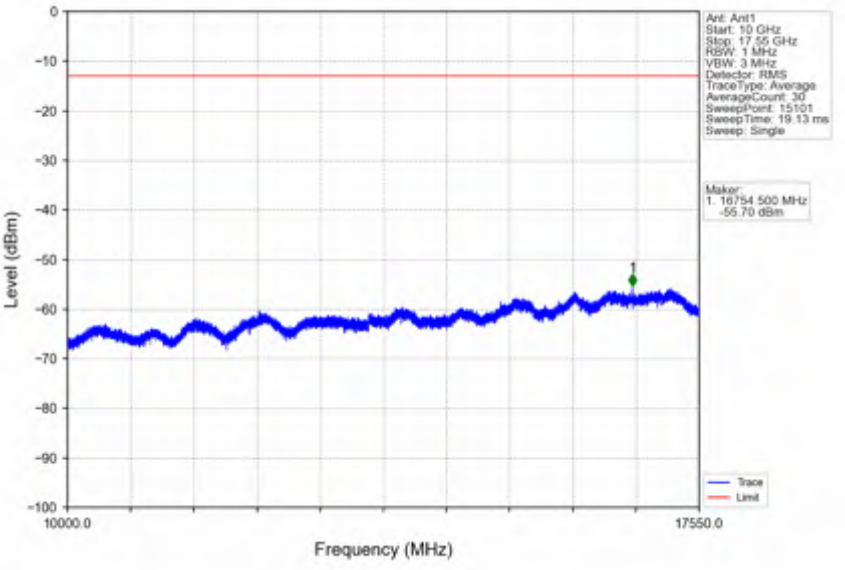


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-20.31	-13	Pass
1709	1710	0.033	/	2	1709.988	-24.28	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

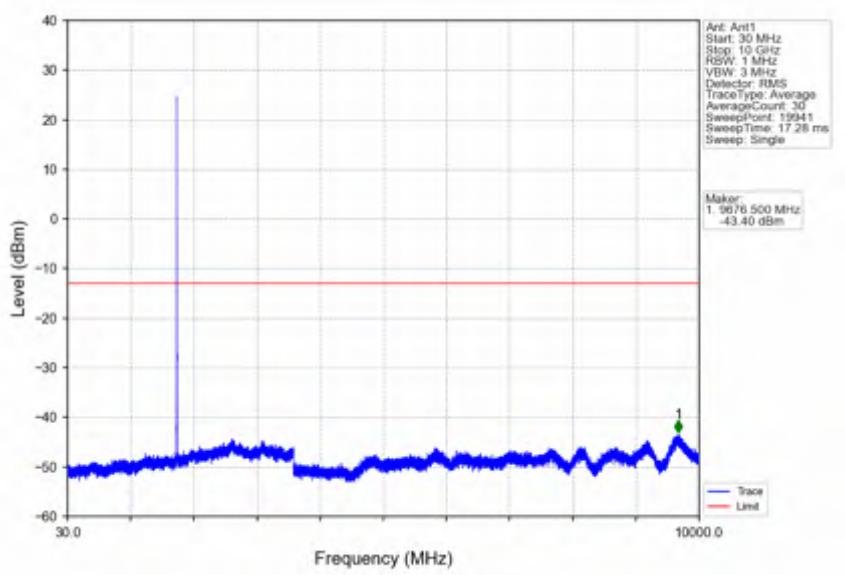
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



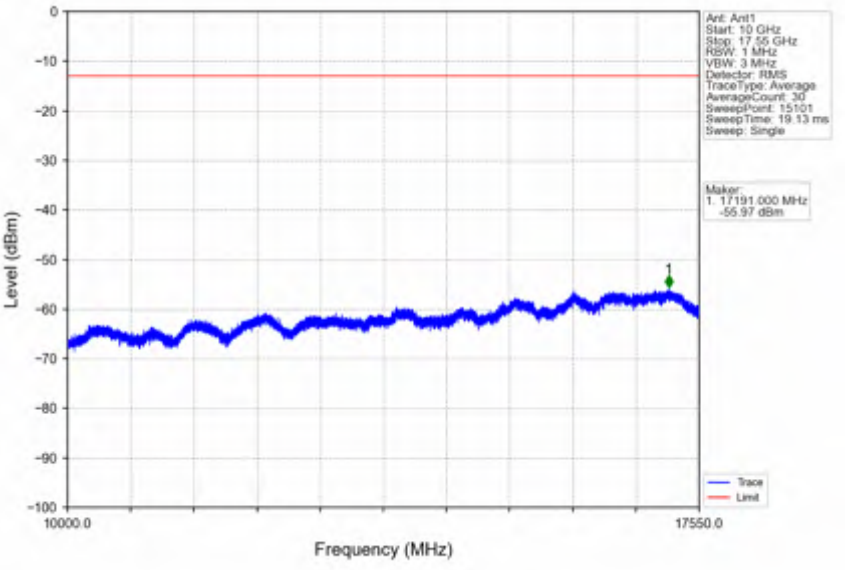
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



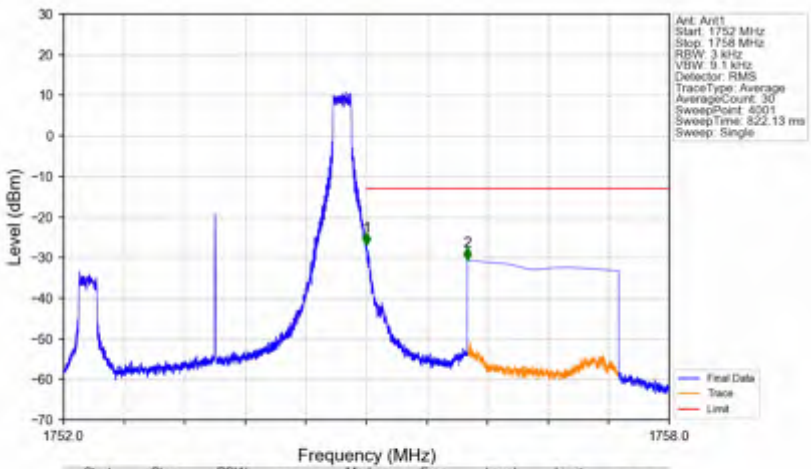
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

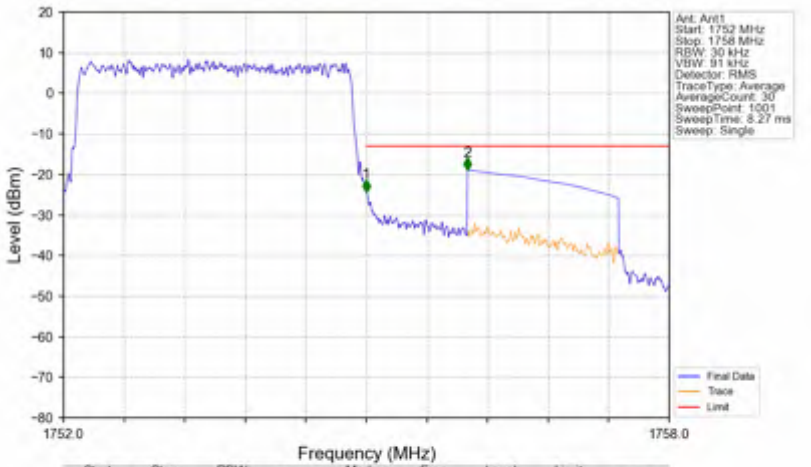


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



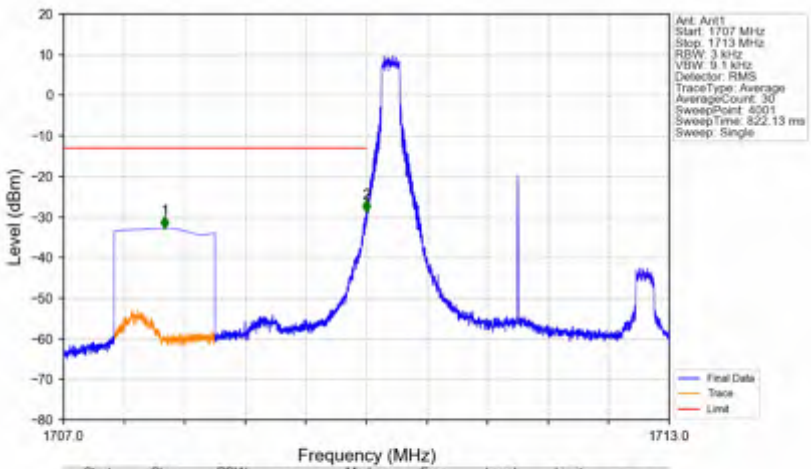
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-26.98	-13	Pass
1756	1758	1	CHP	2	1756.001	-30.65	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



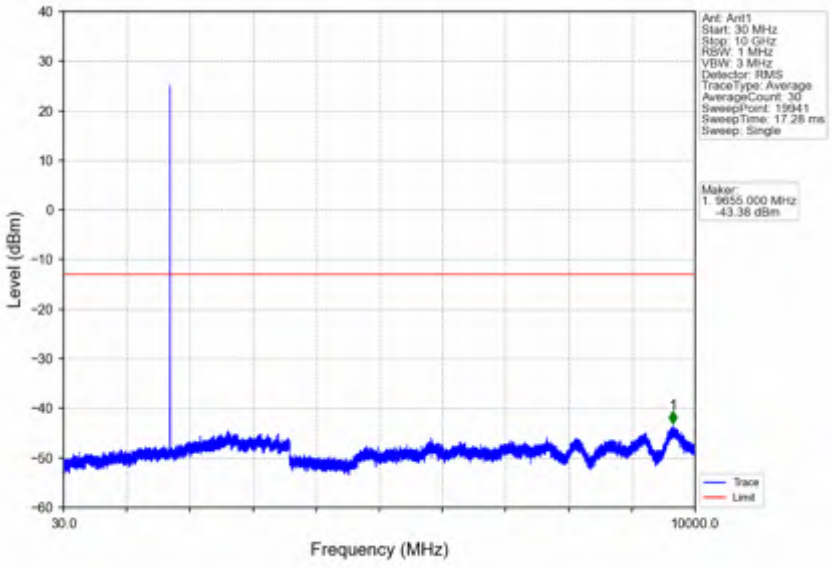
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.000	-24.38	-13	Pass
1756	1758	1	CHP	2	1756.002	-18.93	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

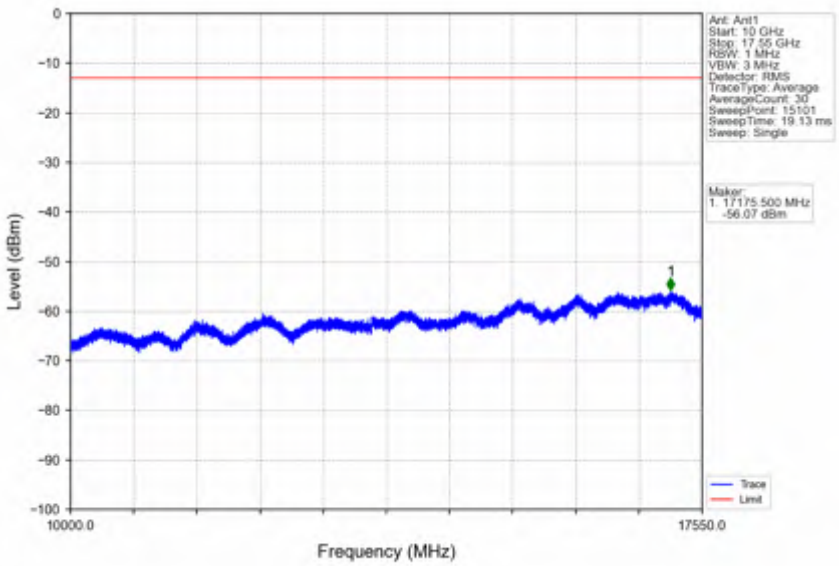


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.001	-32.83	-13	Pass
1709	1710	0.003	/	2	1709.998	-28.84	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

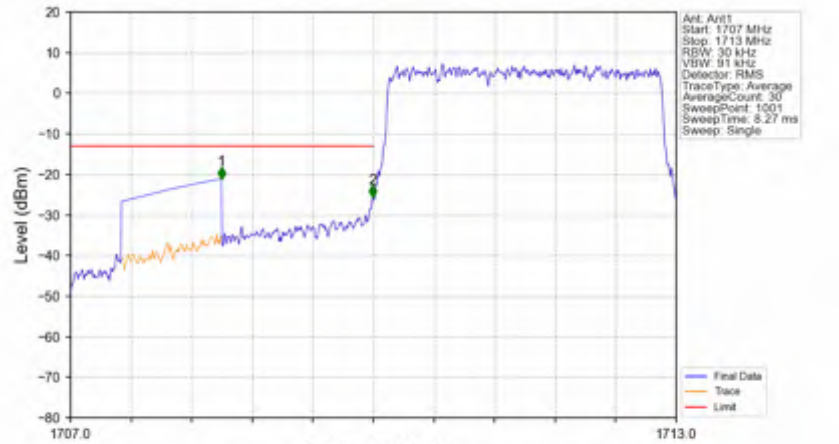
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

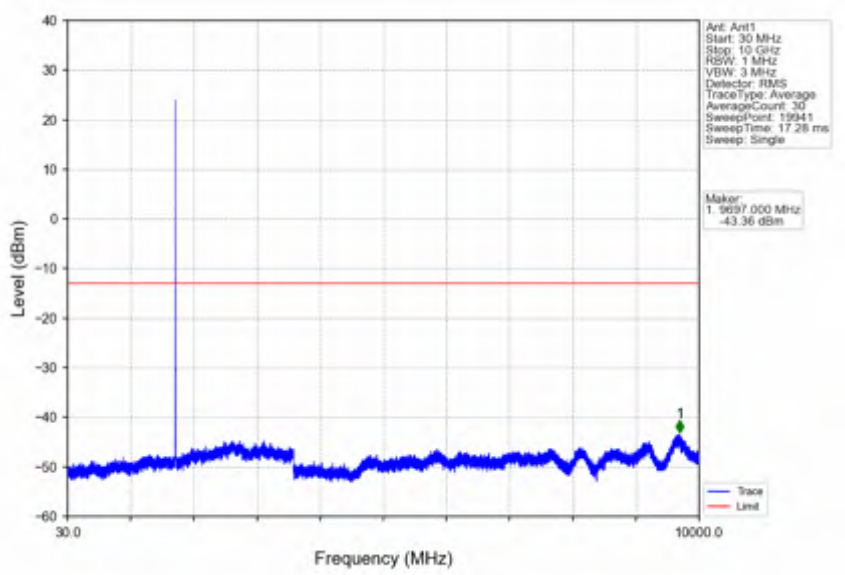


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

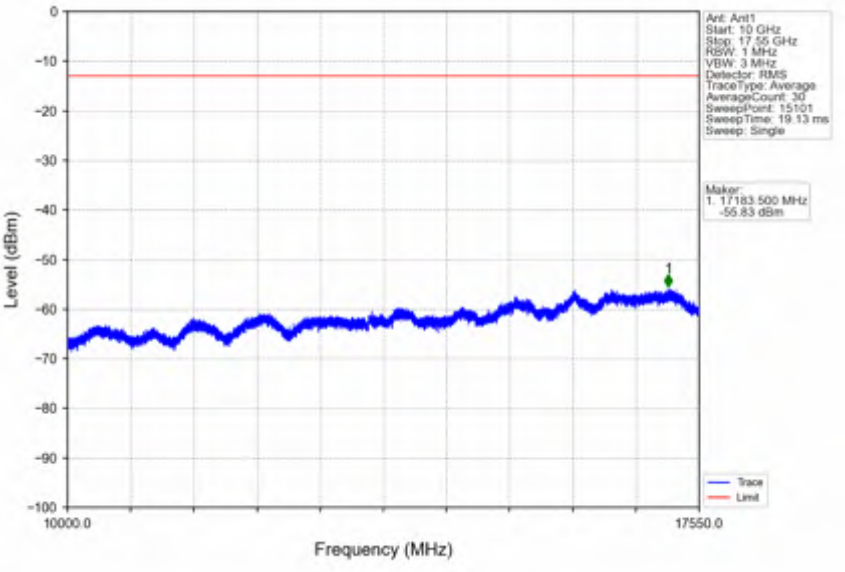


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-21.19	-13	Pass
1709	1710	0.03	/	2	1709.994	-25.71	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

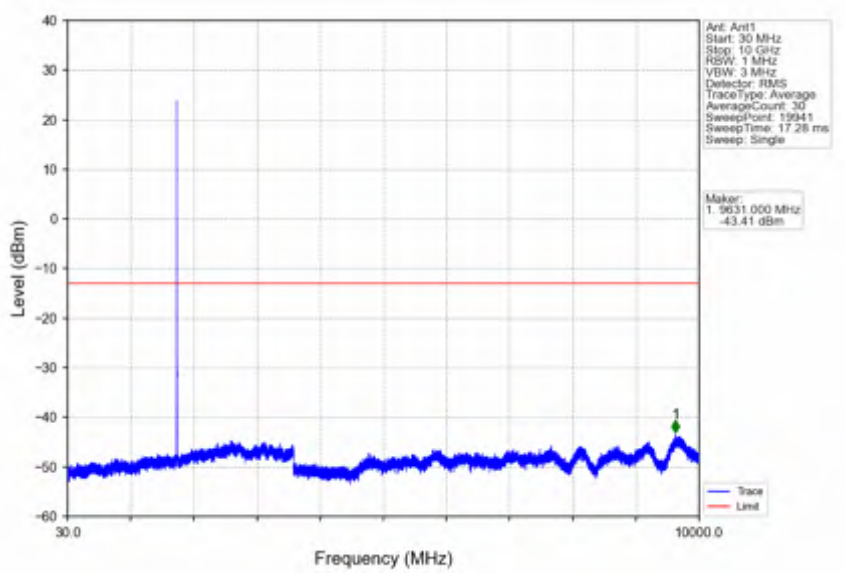
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



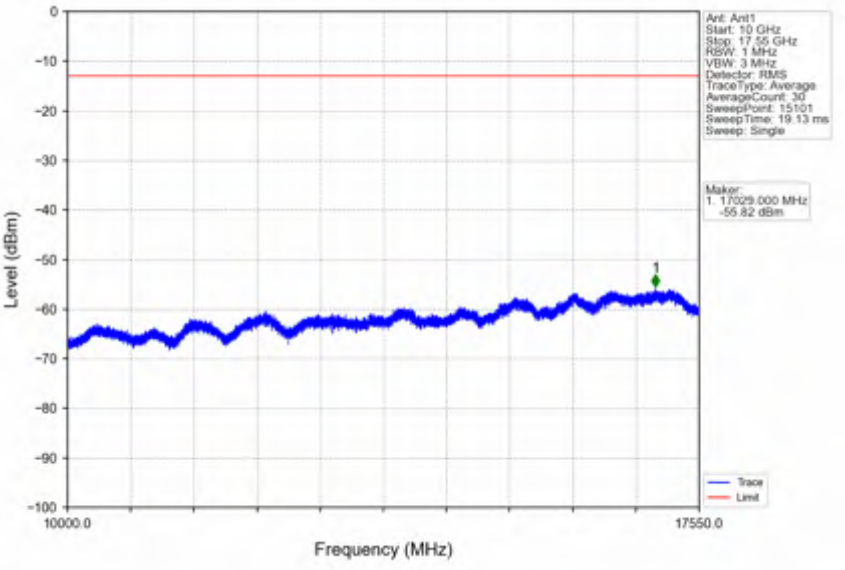
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



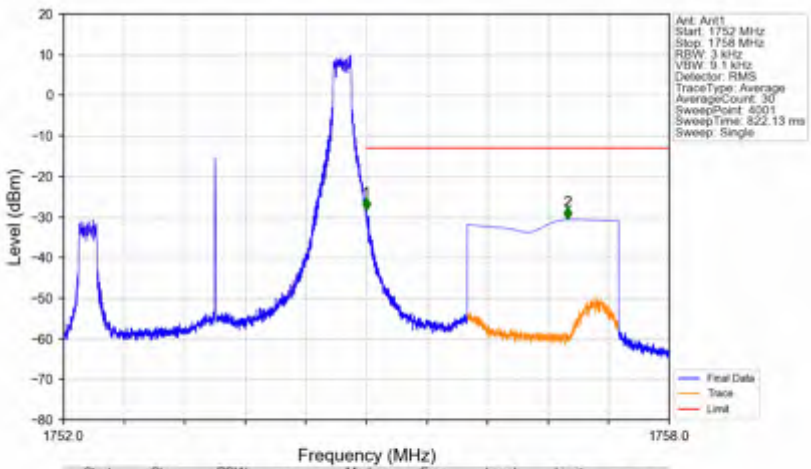
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

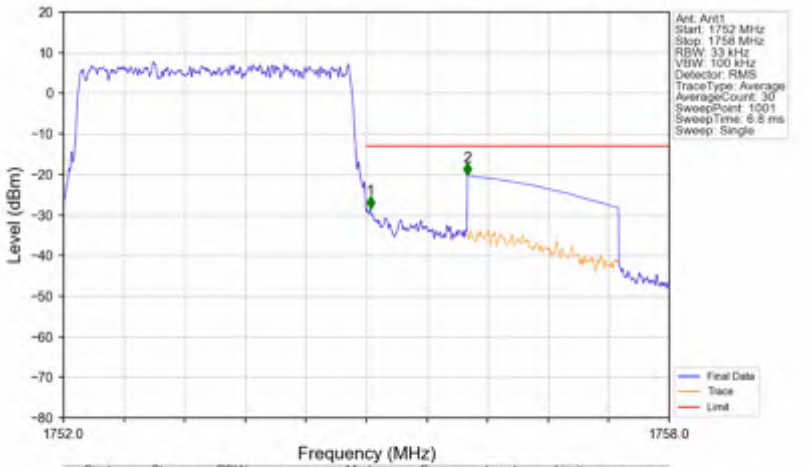


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



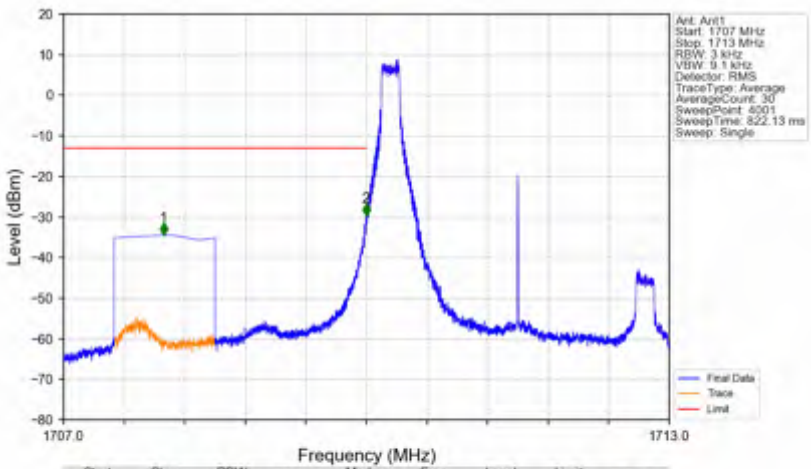
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-28.32	-13	Pass
1756	1758	1	CHP	2	1756.995	-30.64	-13	Pass

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



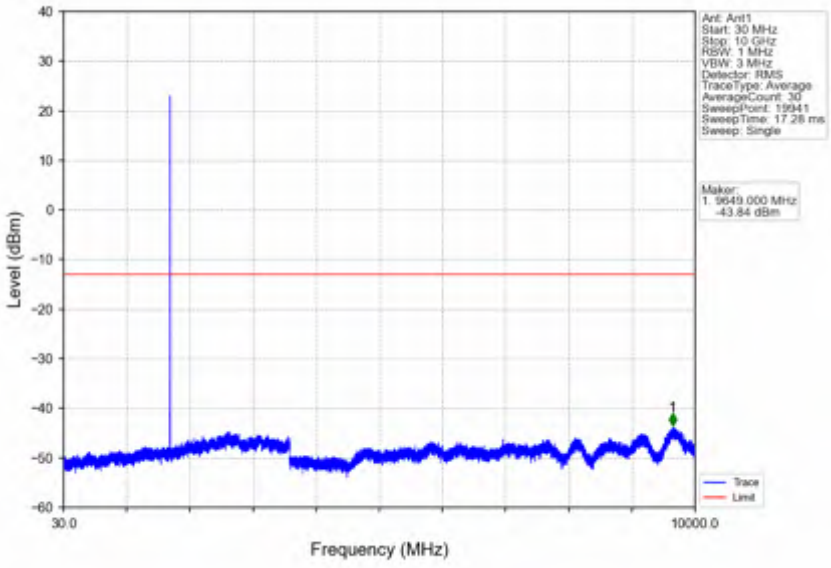
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.042	-28.43	-13	Pass
1756	1758	1	CHP	2	1756.002	-20.22	-13	Pass

Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV

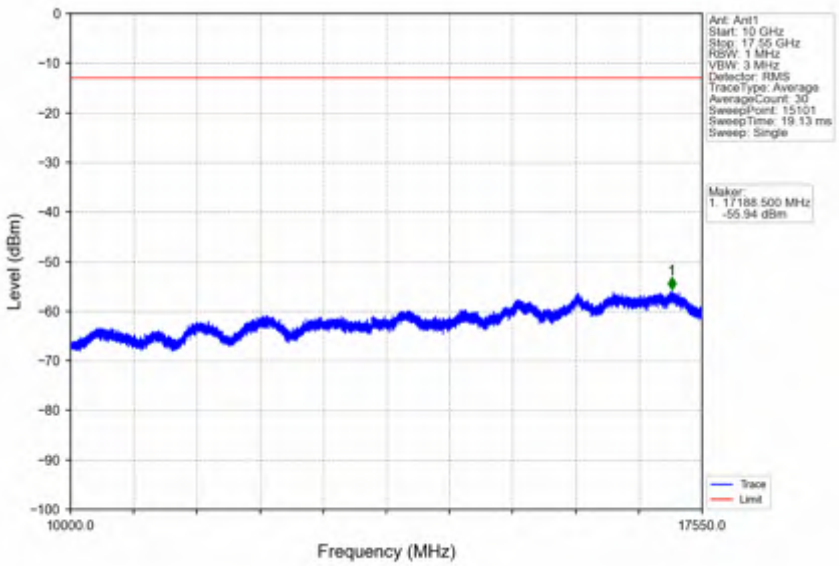


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.990	-34.51	-13	Pass
1709	1710	0.003	/	2	1709.997	-29.82	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

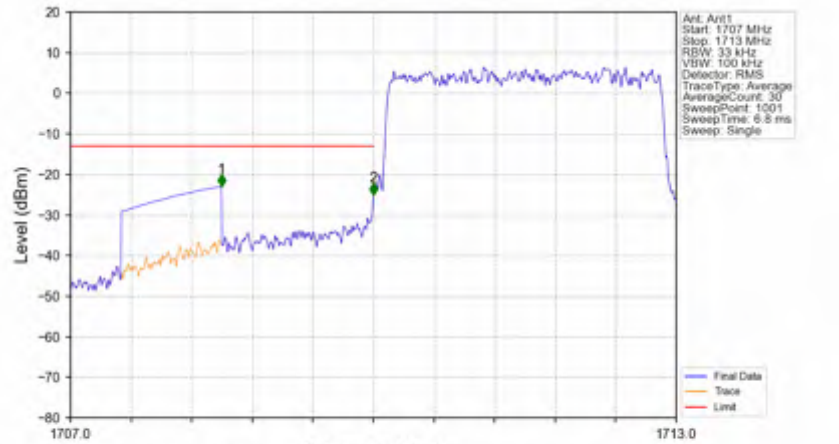
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV

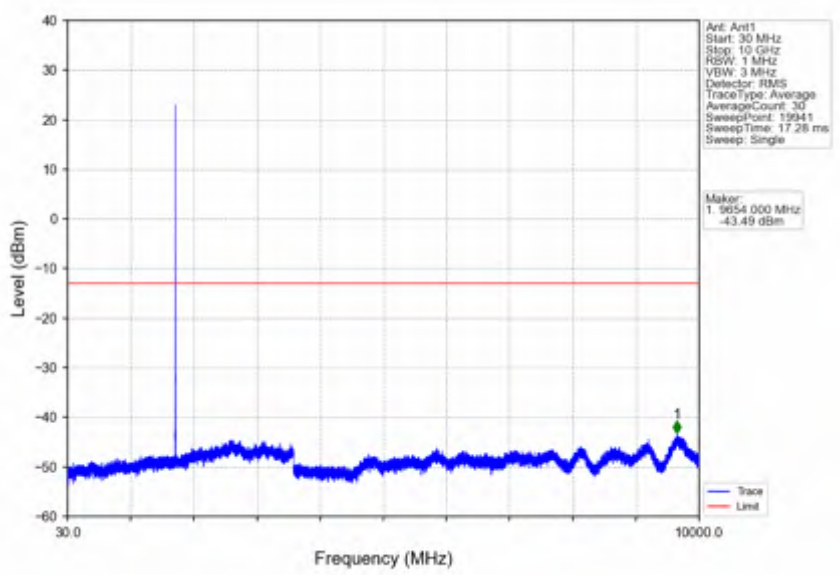


Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV

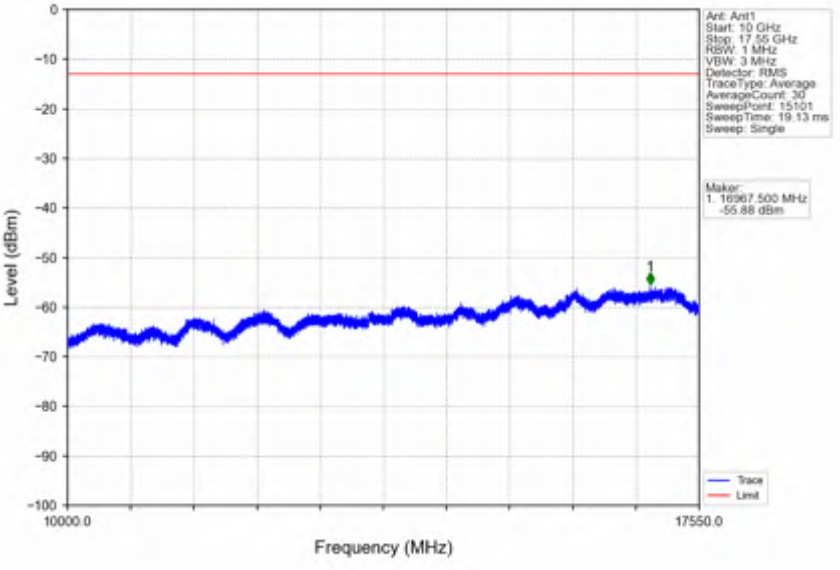


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-23.09	-13	Pass
1709	1710	0.033	/	2	1710.000	-25.22	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

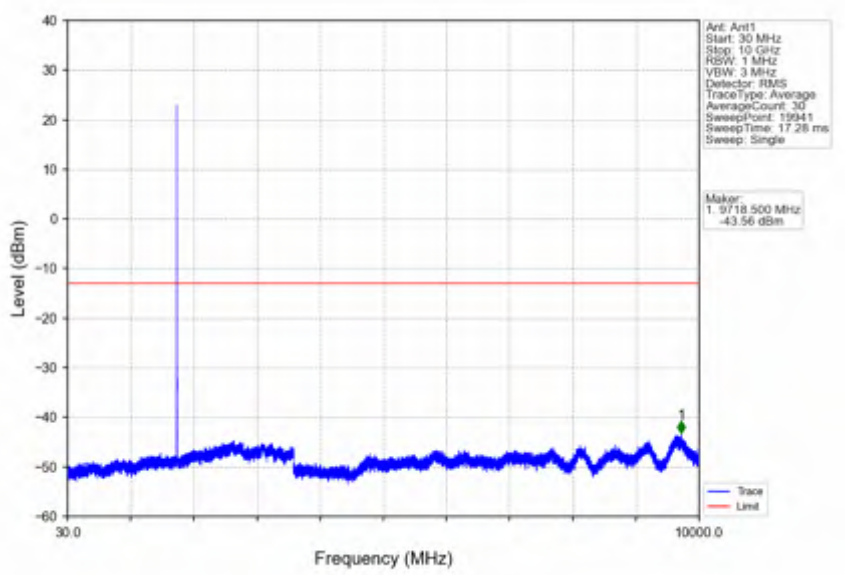
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



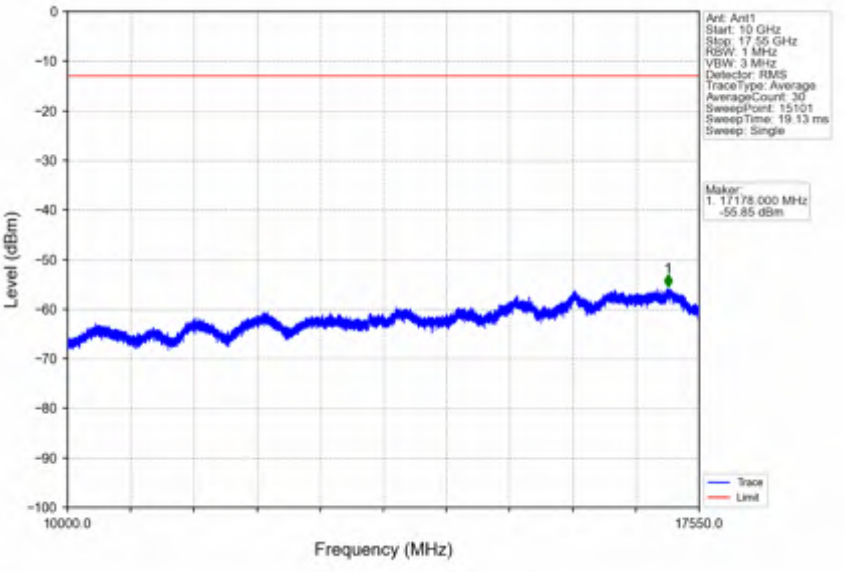
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



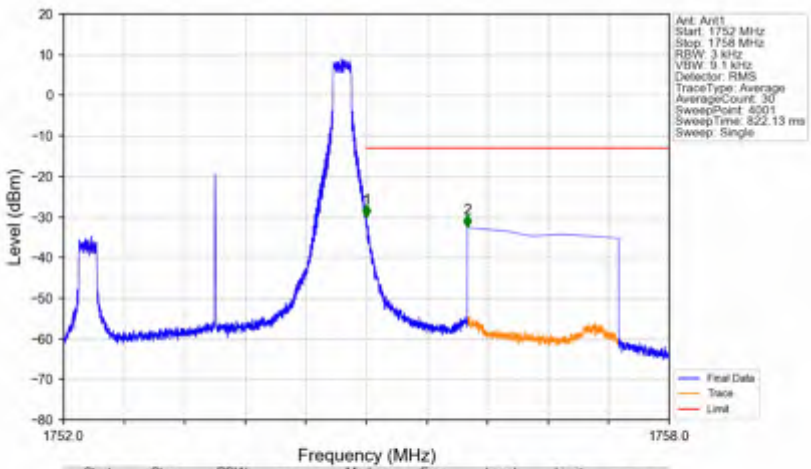
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_0_NTNV

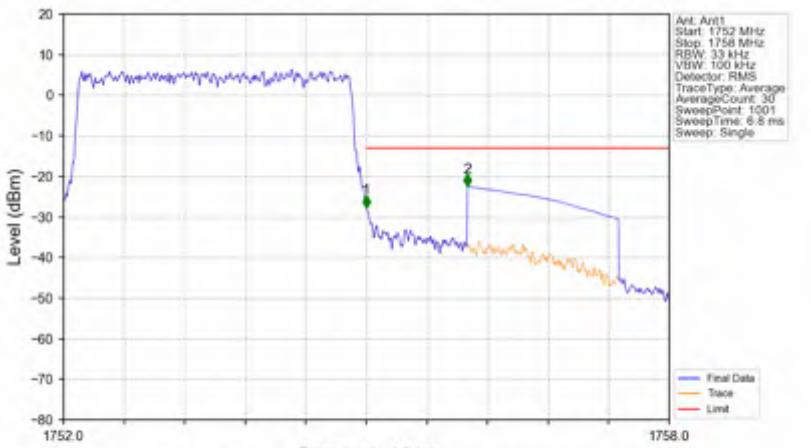


Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_14_NTNV



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	-30.16	-13	Pass
1756	1758	1	CHP	2	1756.001	-32.58	-13	Pass

Band4_3MHz_64QAM_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	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.000	-27.73	-13	Pass
1756	1758	1	CHP	2	1756.002	-22.56	-13	Pass

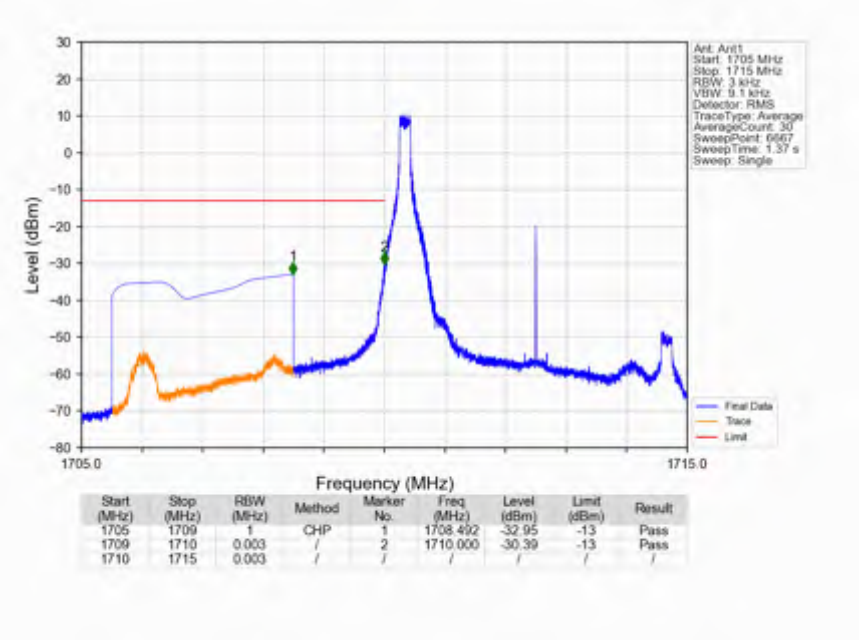
5.3 B4_5MHz

5.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	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

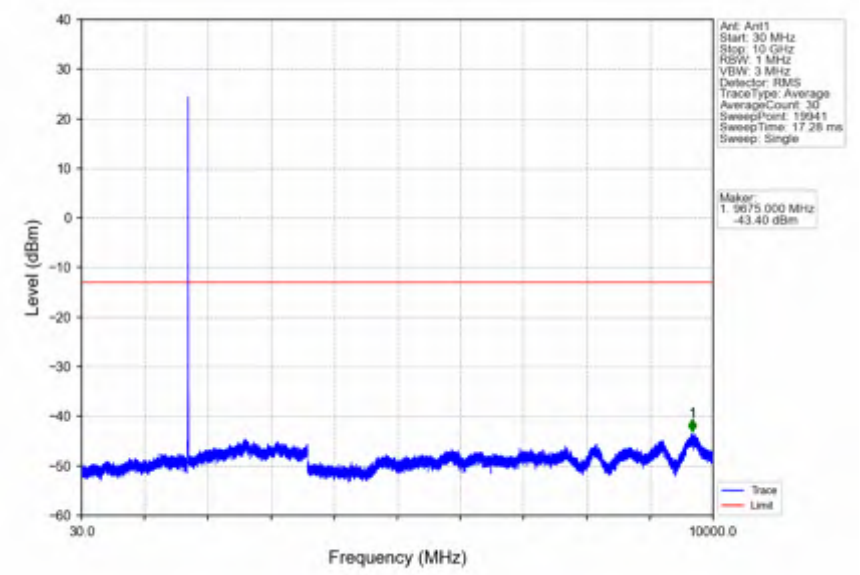
5.3.2 Test Graph

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

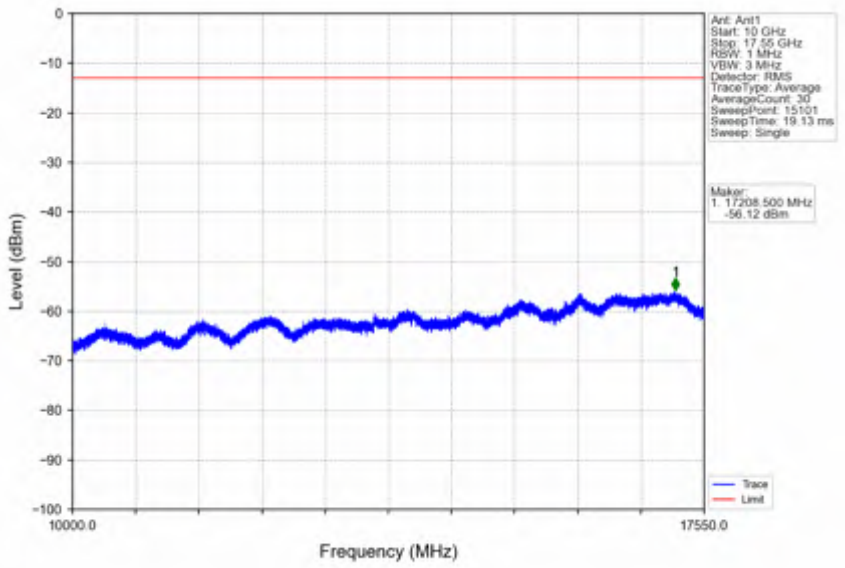


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.492	-32.95	-13	Pass
1709	1710	0.003	/	2	1710.000	-30.39	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

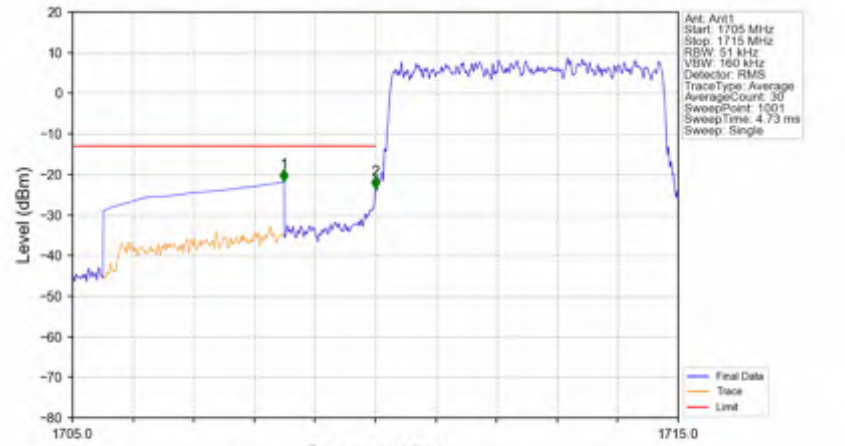
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

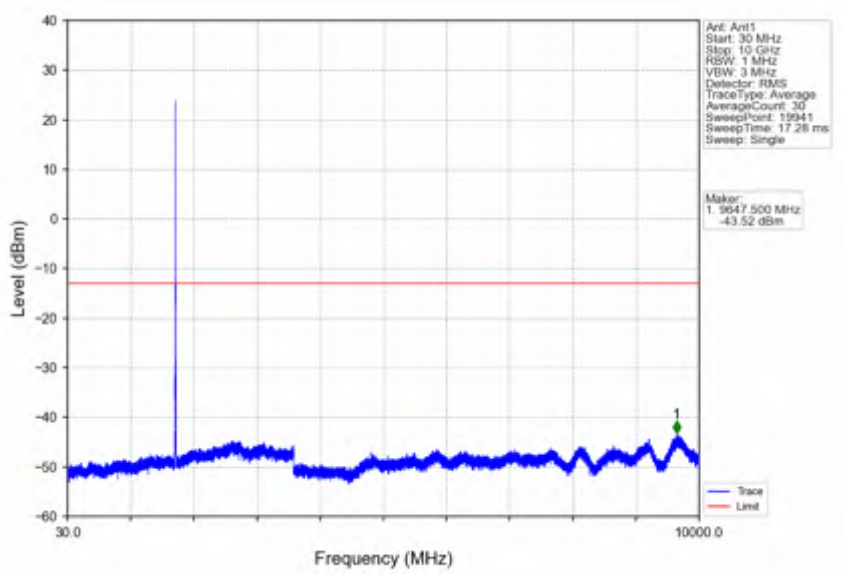


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

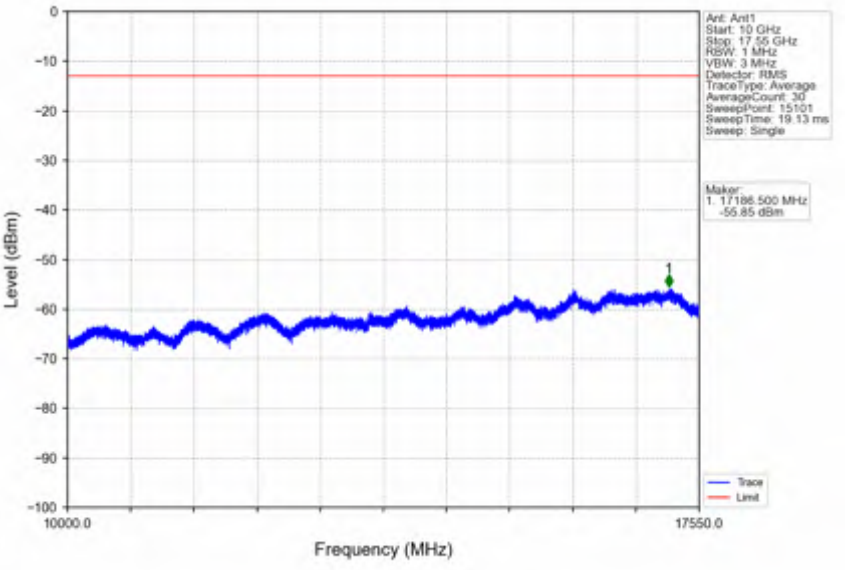


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-21.86	-13	Pass
1709	1710	0.051	/	2	1710.000	-23.57	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

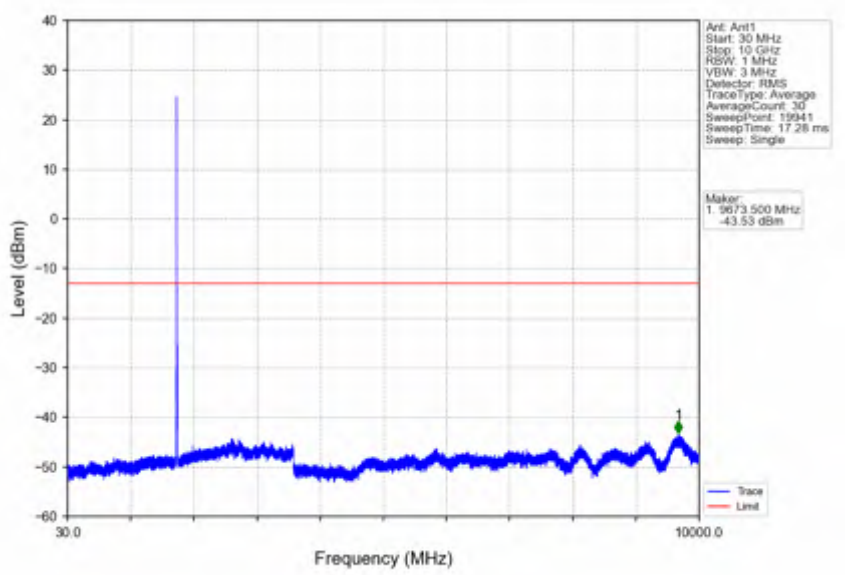
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



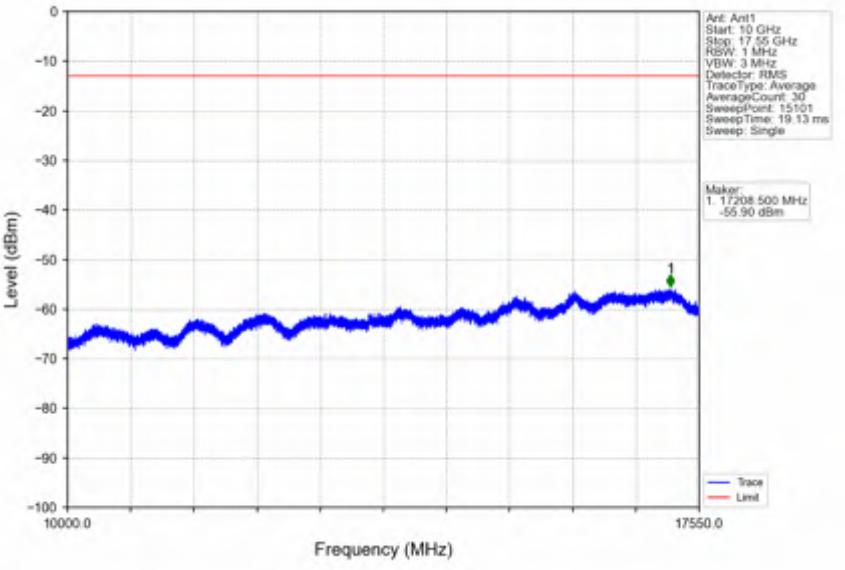
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



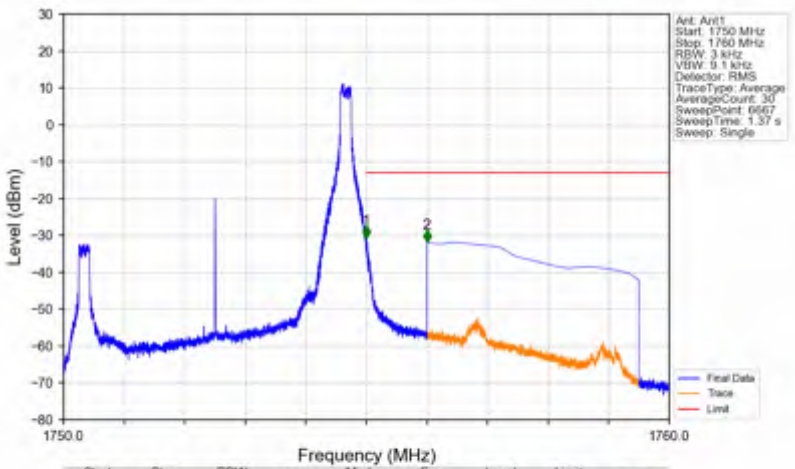
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

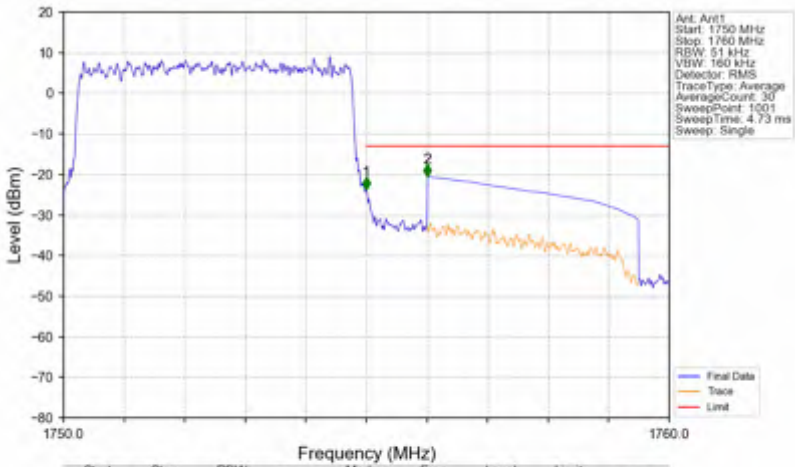


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



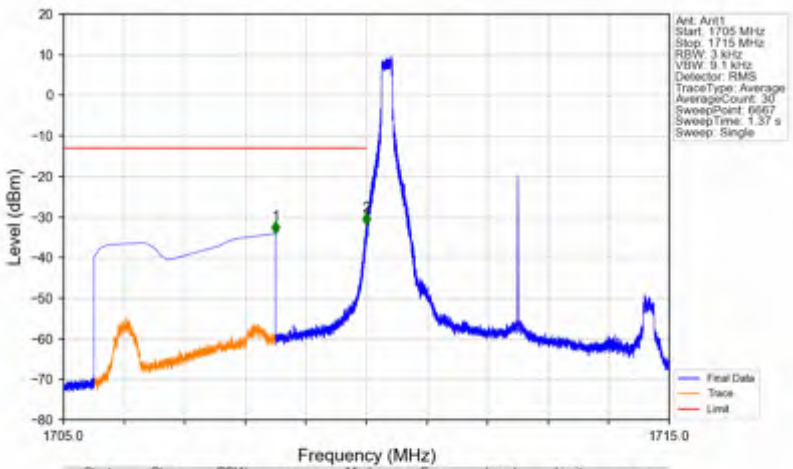
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-30.68	-13	Pass
1756	1760	1	CHP	2	1756.001	-31.85	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



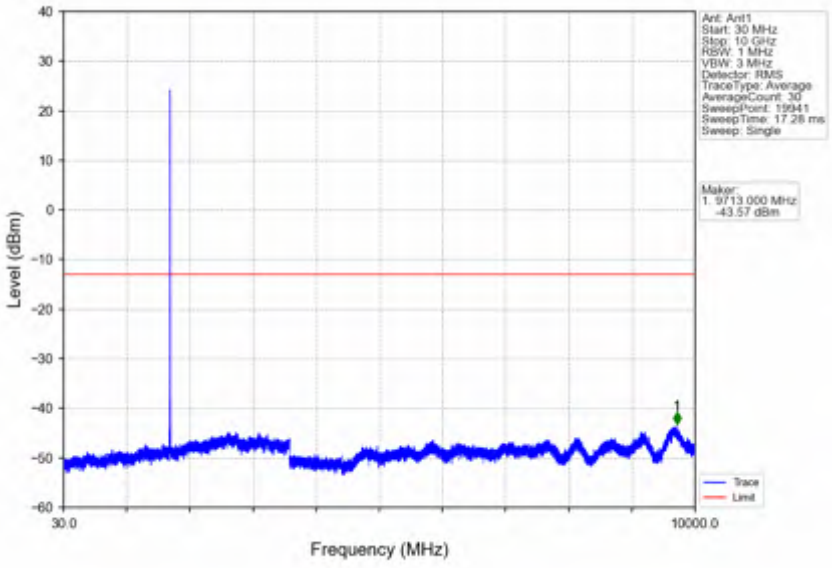
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.000	-23.74	-13	Pass
1756	1760	1	CHP	2	1756.010	-20.58	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

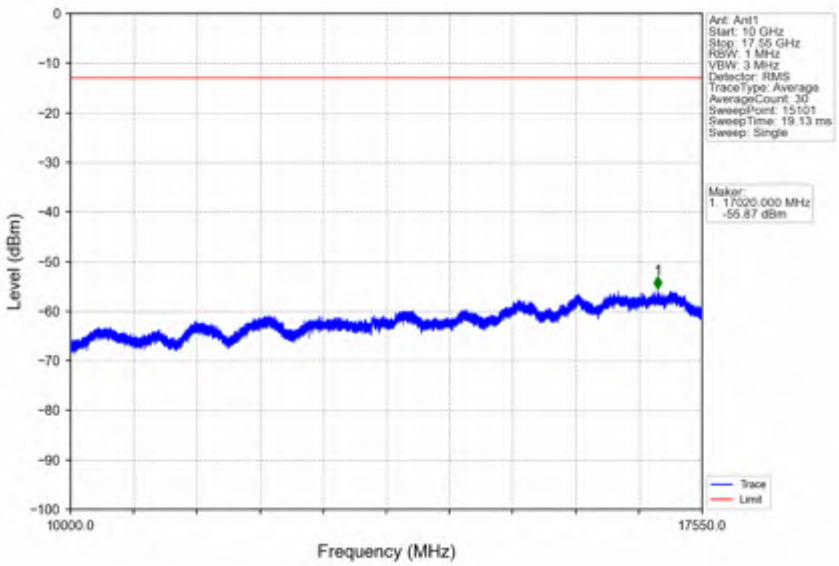


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-34.13	-13	Pass
1709	1710	0.003	/	2	1709.998	-31.97	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

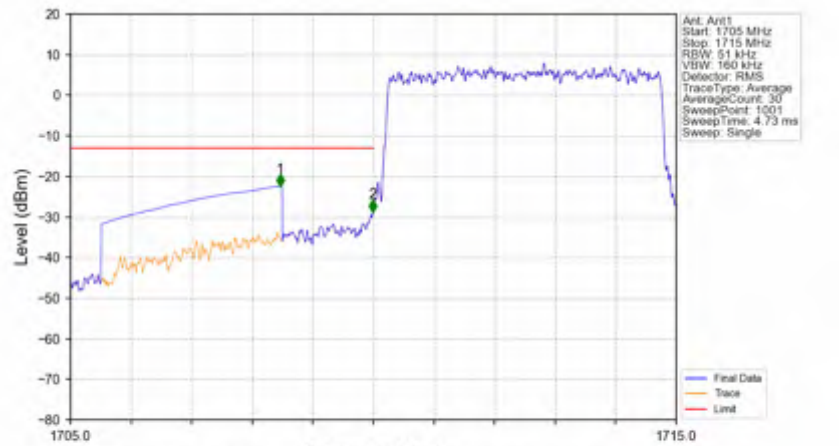
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

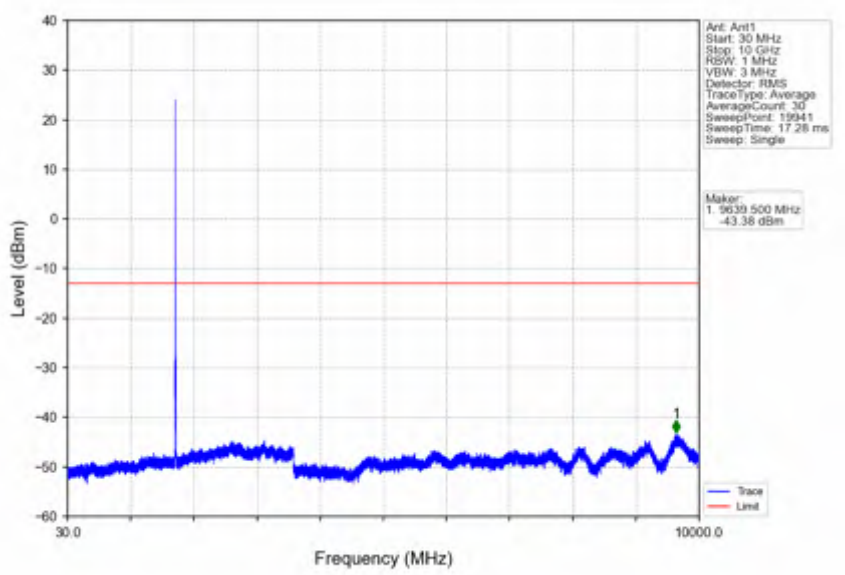


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

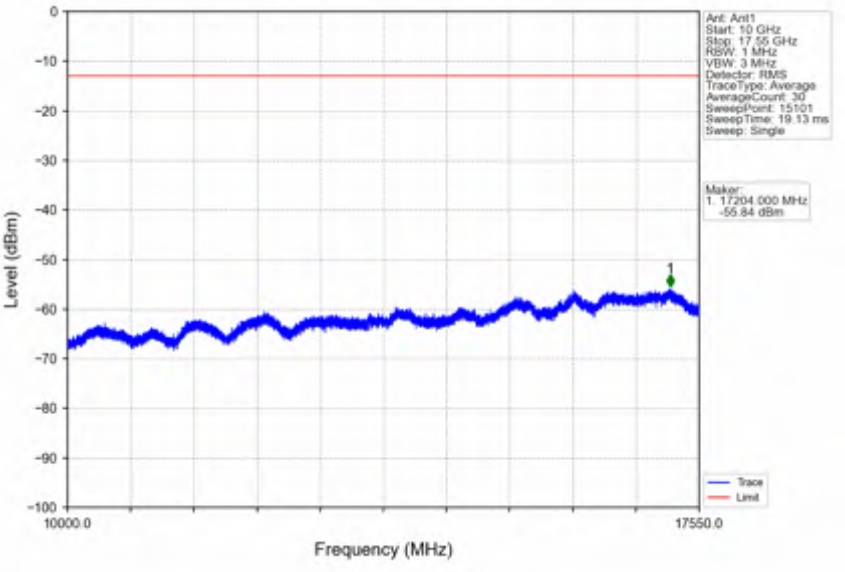


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.460	-22.49	-13	Pass
1709	1710	0.051	/	2	1709.990	-28.77	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

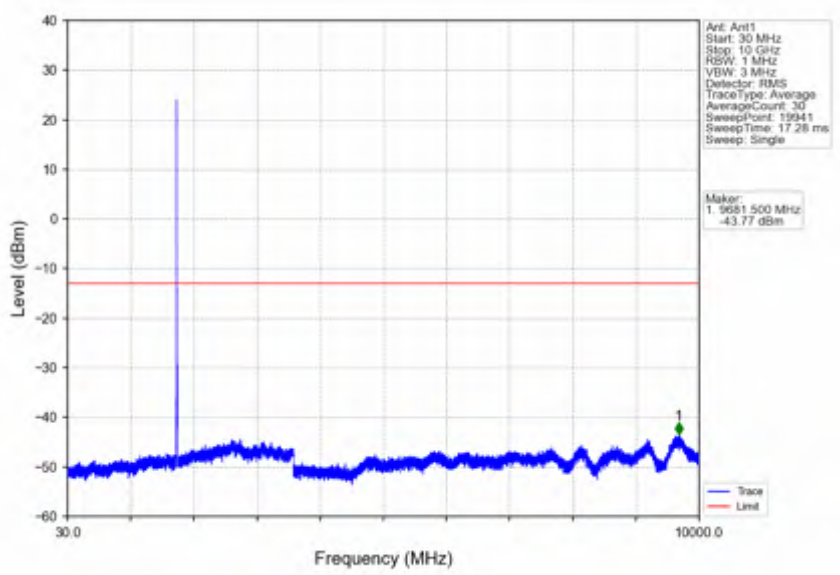
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



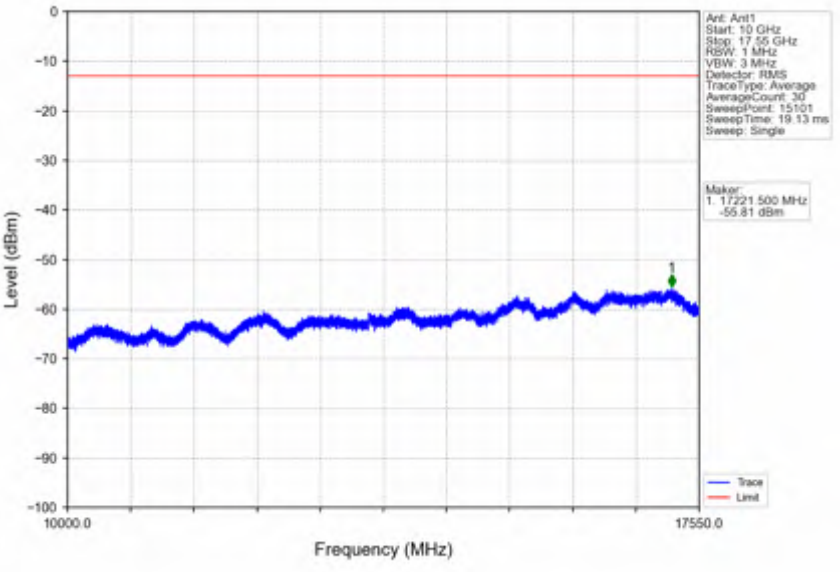
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



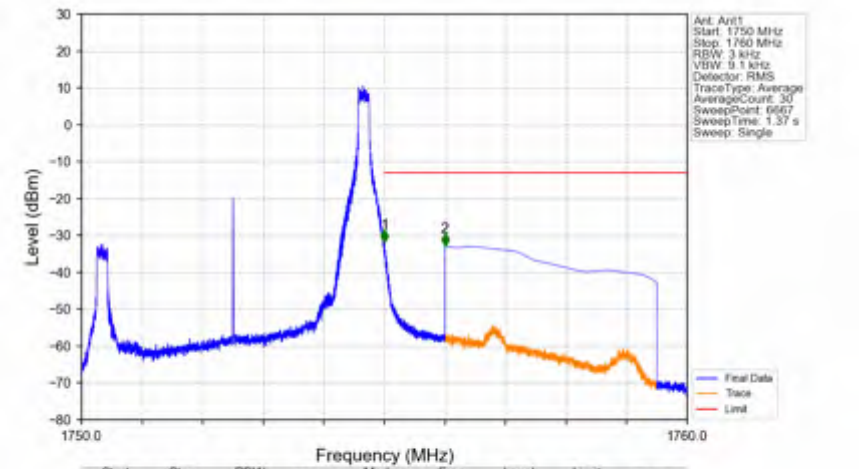
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

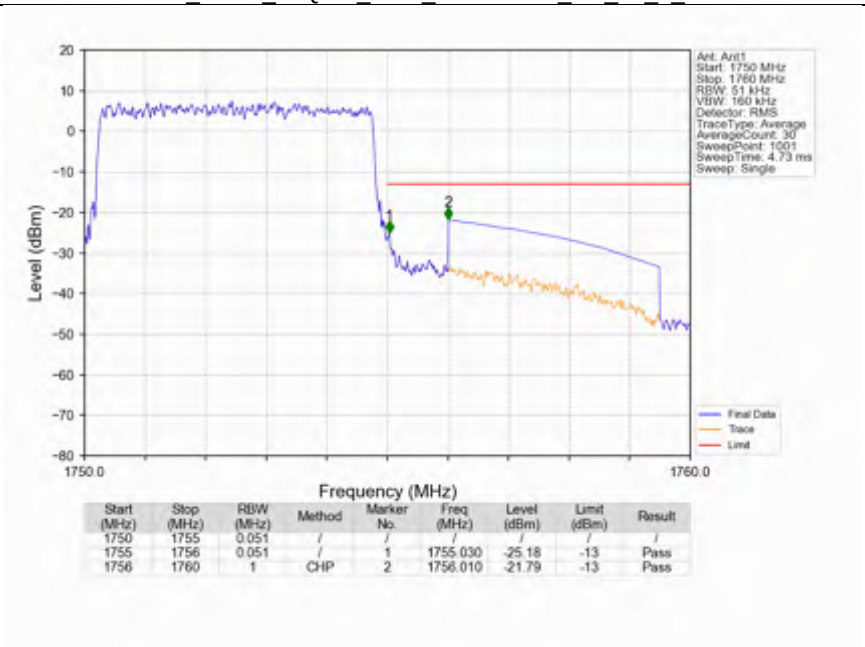


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



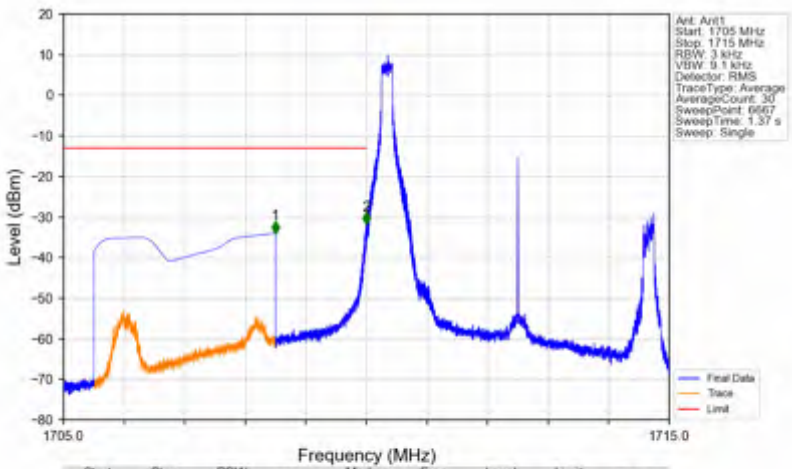
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-31.97	-13	Pass
1756	1760	1	CHP	2	1756.001	-32.87	-13	Pass

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



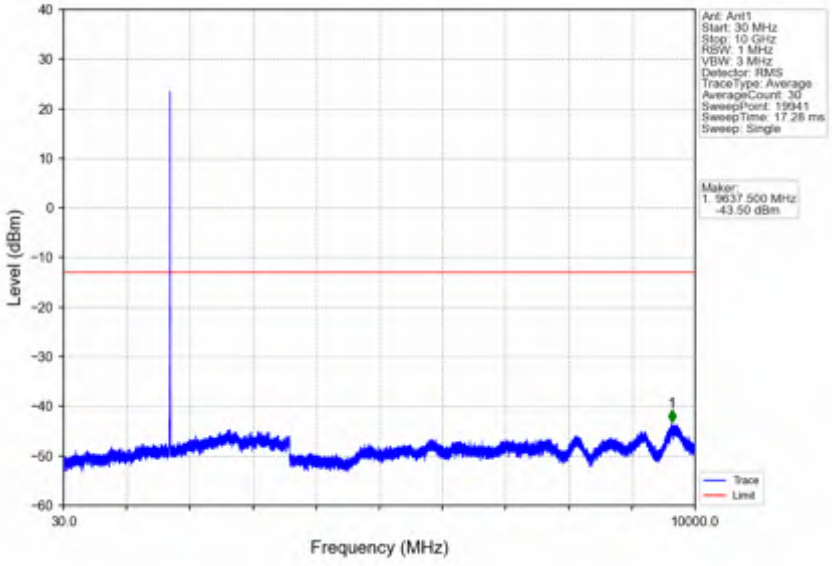
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.030	-25.18	-13	Pass
1756	1760	1	CHP	2	1756.010	-21.79	-13	Pass

Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV

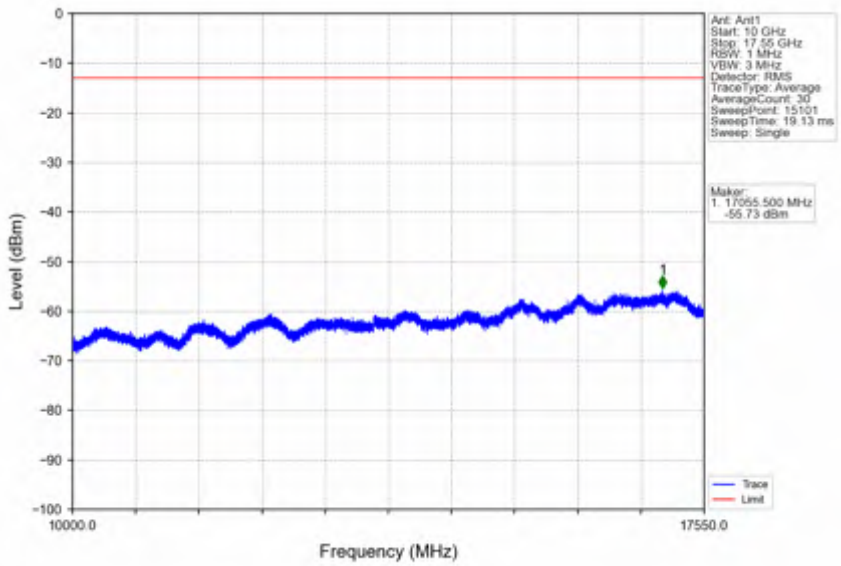


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-34.06	-13	Pass
1709	1710	0.003	/	2	1710.000	-31.85	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

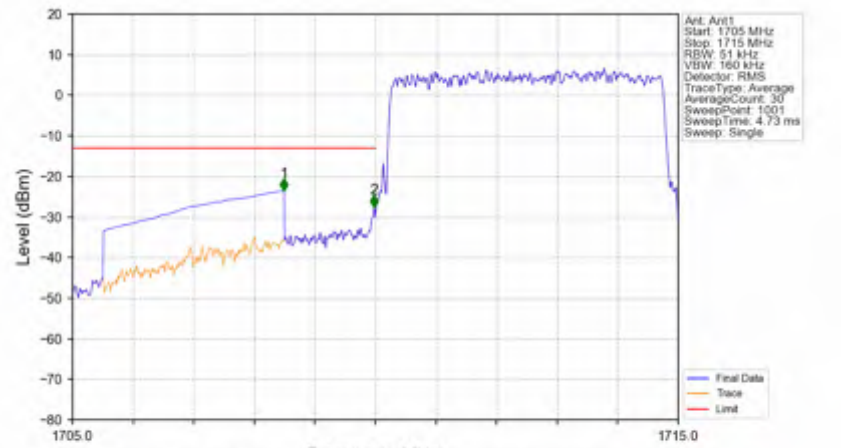
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV

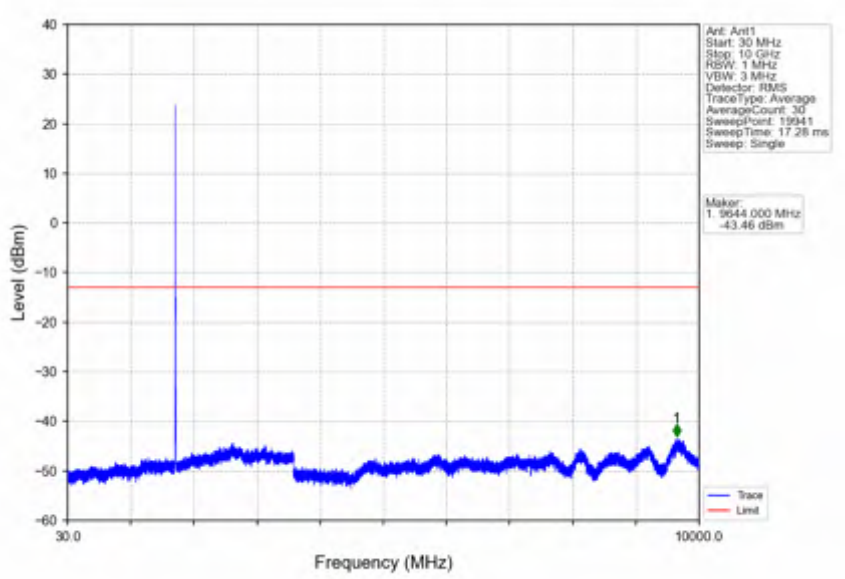


Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV

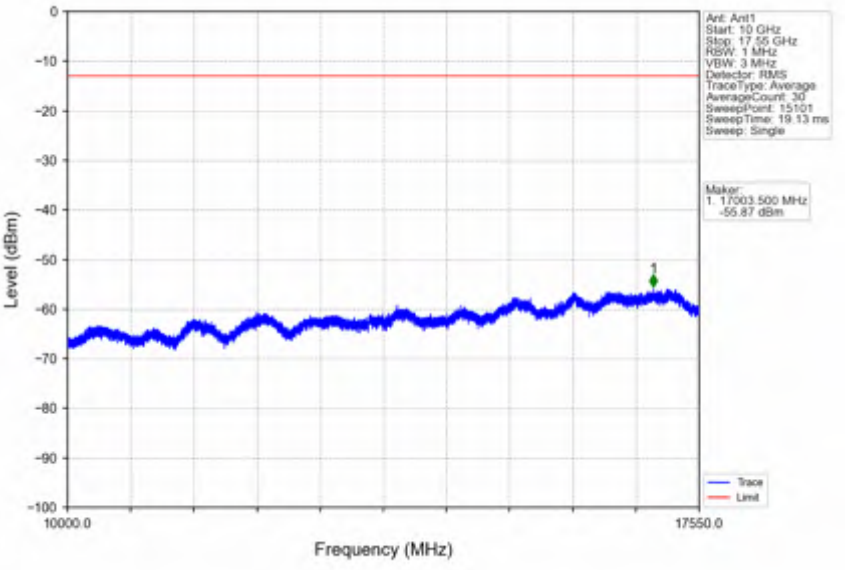


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-23.59	-13	Pass
1709	1710	0.051	/	2	1709.980	-27.69	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

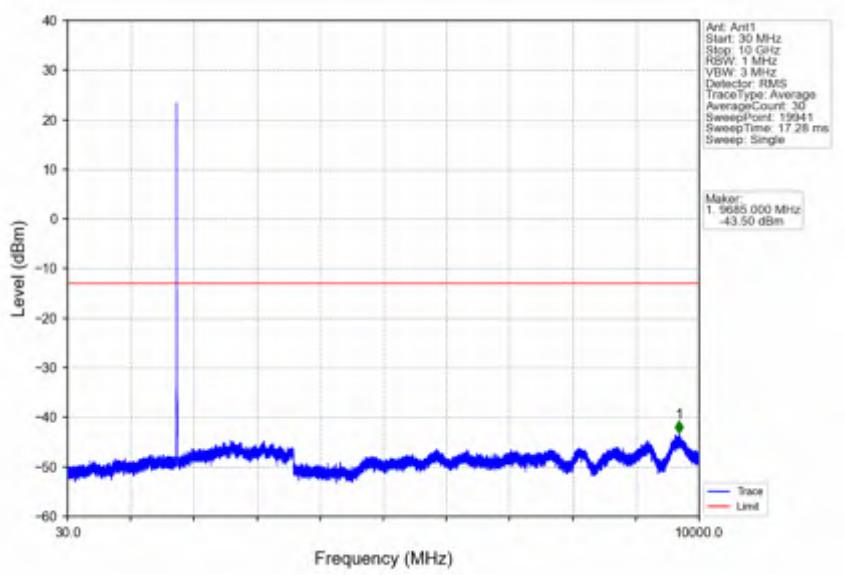
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



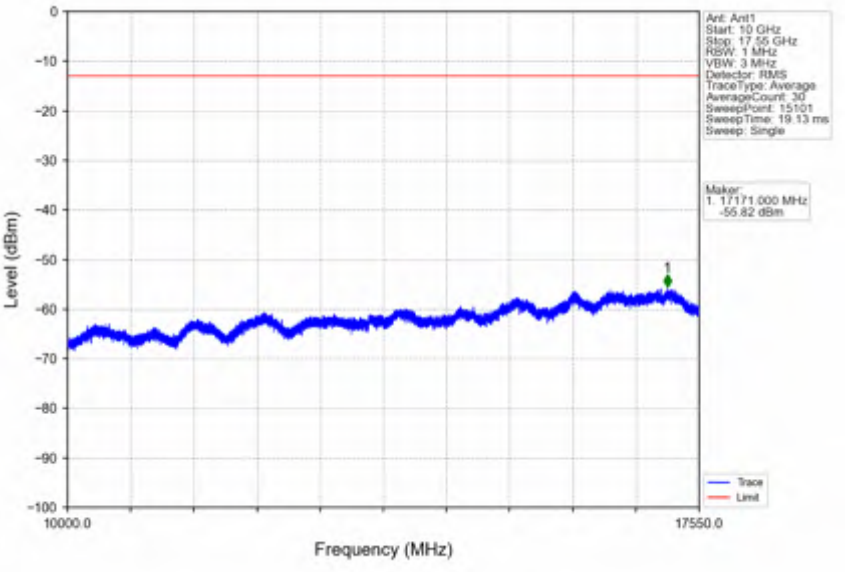
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



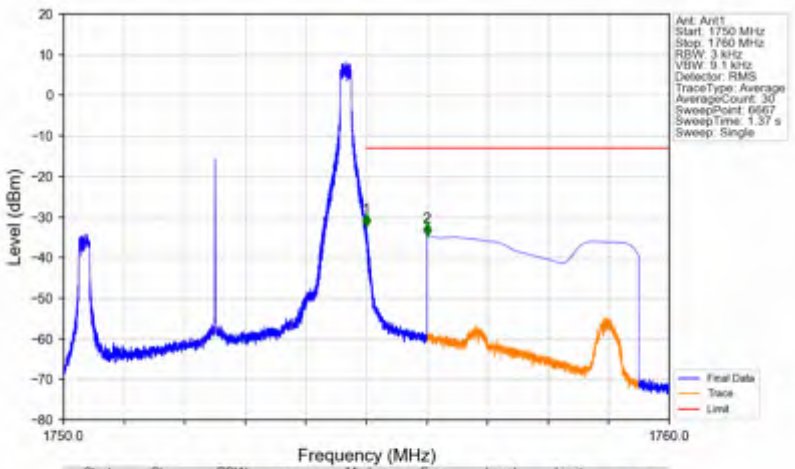
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_0_NTNV

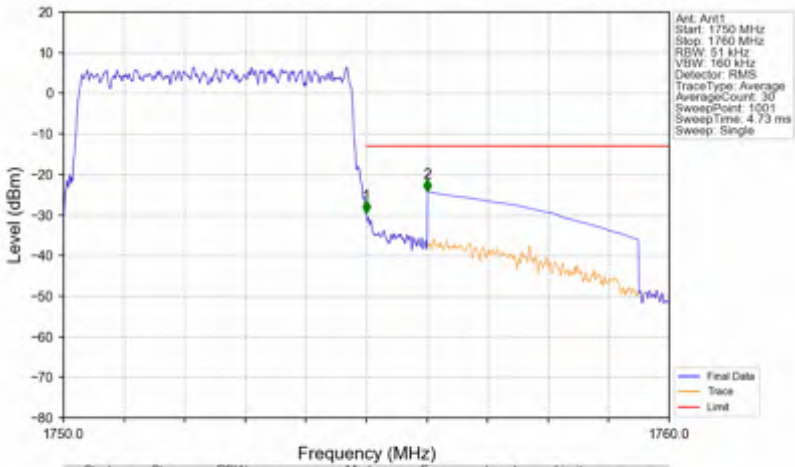


Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.000	-32.36	-13	Pass
1756	1760	1	CHP	2	1756.001	-34.70	-13	Pass

Band4_5MHz_64QAM_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	1755.000	-29.60	-13	Pass
1756	1760	1	CHP	2	1756.010	-24.27	-13	Pass

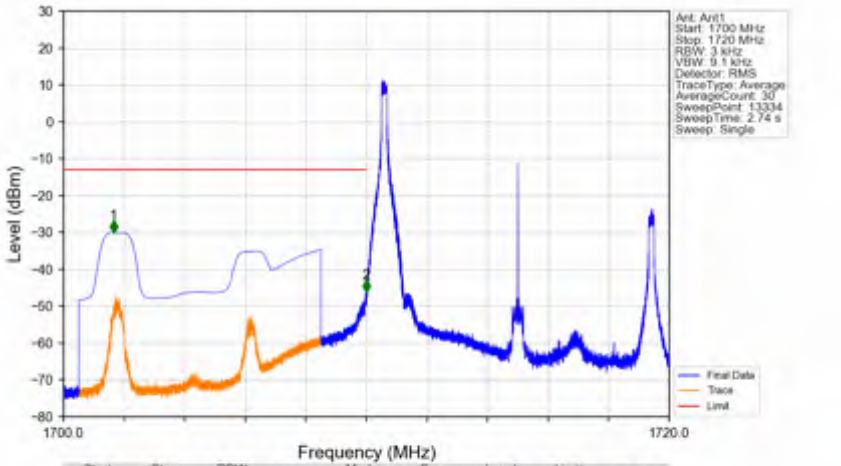
5.4 B4_10MHz

5.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

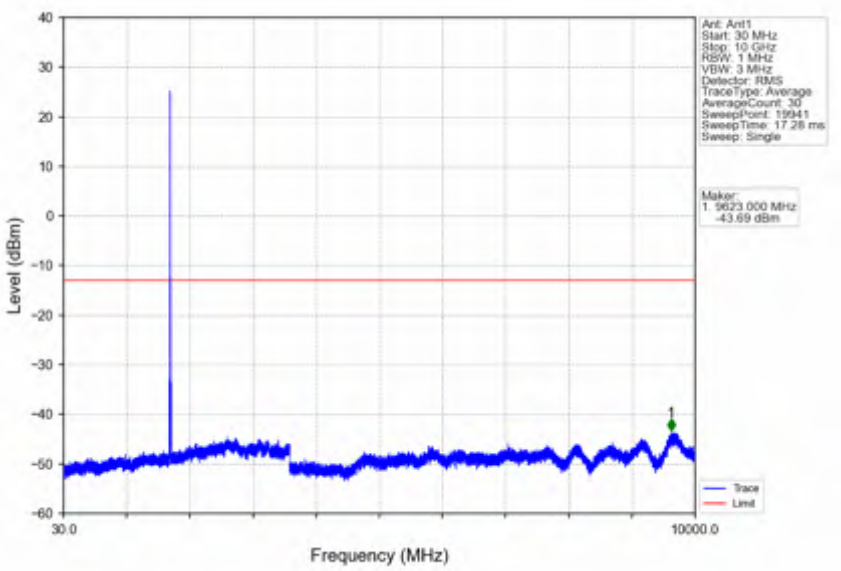
5.4.2 Test Graph

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

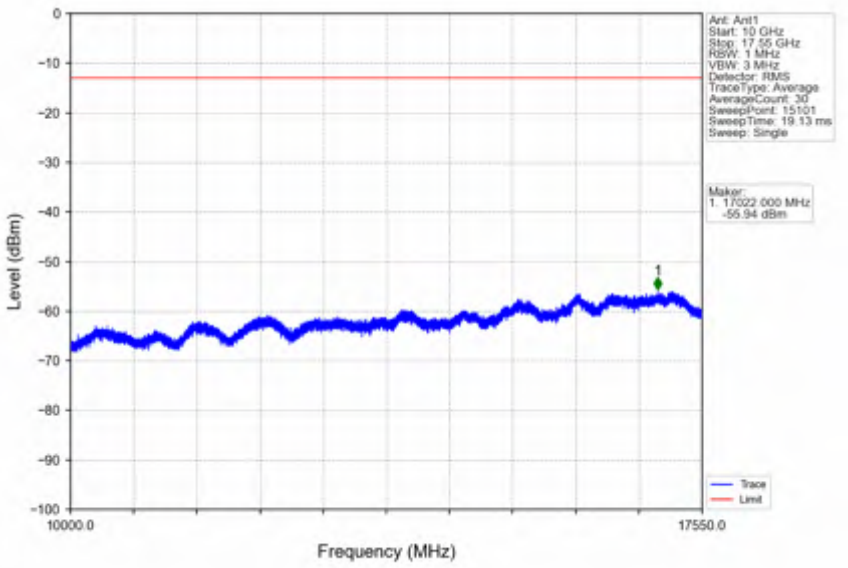


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1701.650	-30.09	-13	Pass
1709	1710	0.003	/	2	1709.996	-46.22	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

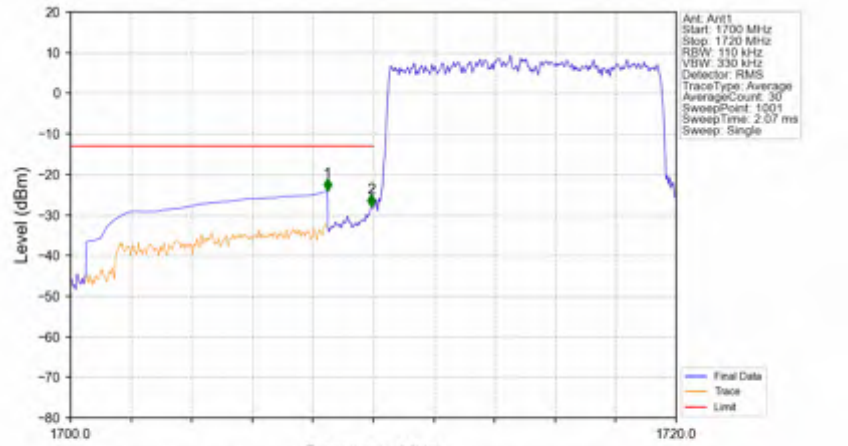
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

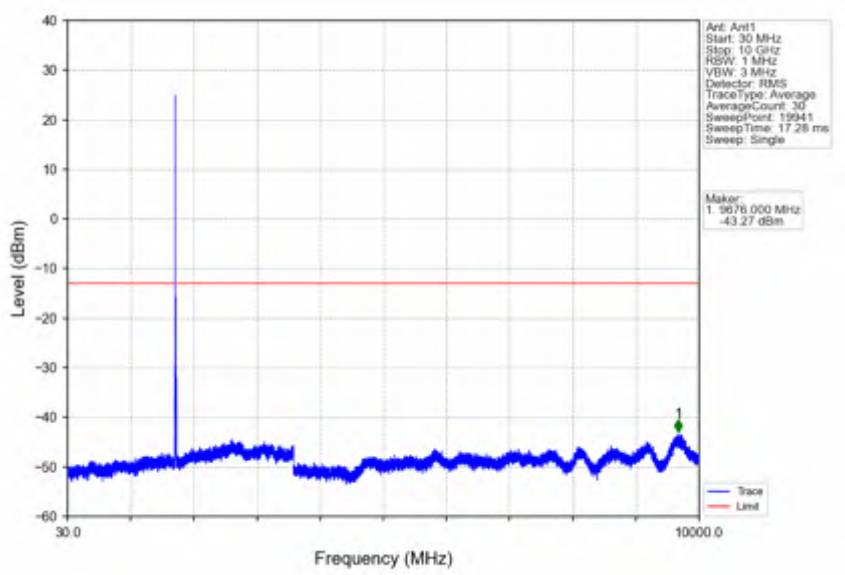


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

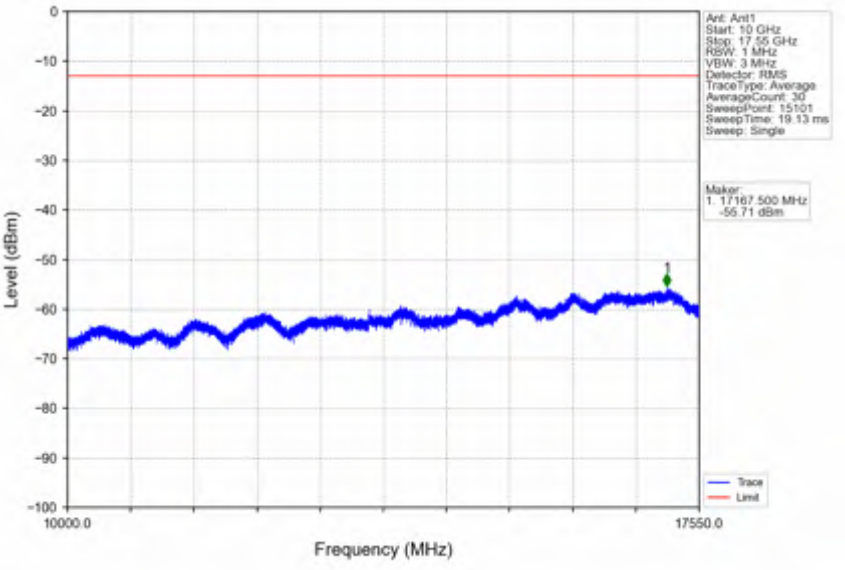


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-24.05	-13	Pass
1709	1710	0.11	/	2	1709.940	-27.93	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

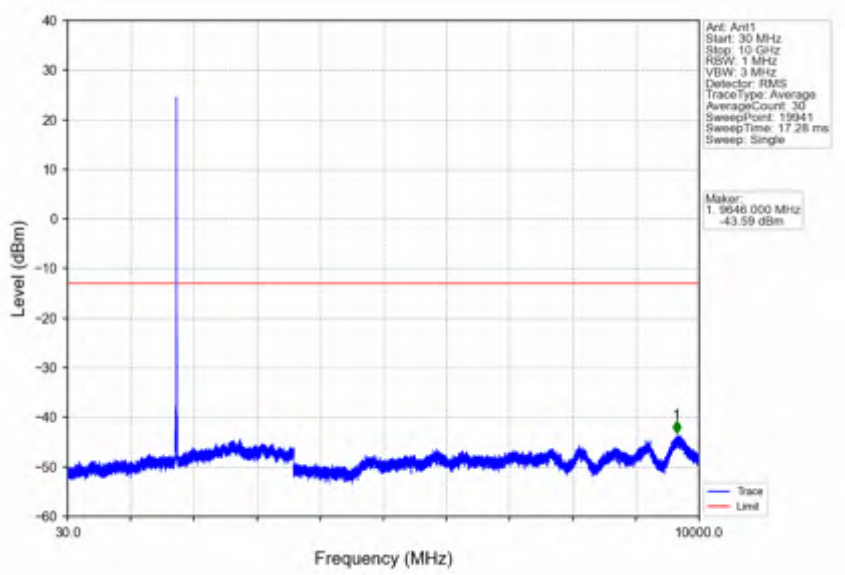
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



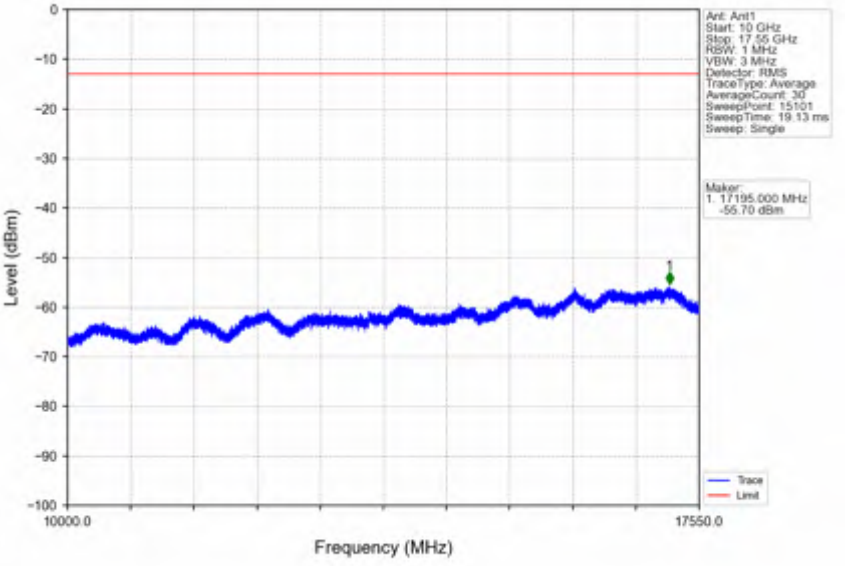
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



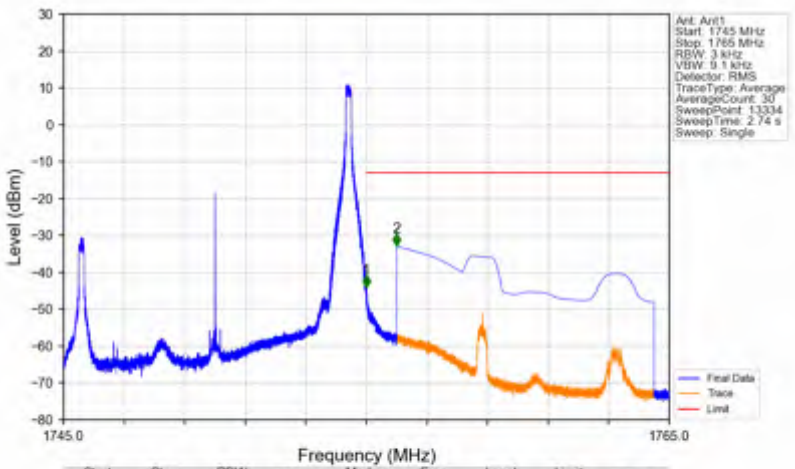
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

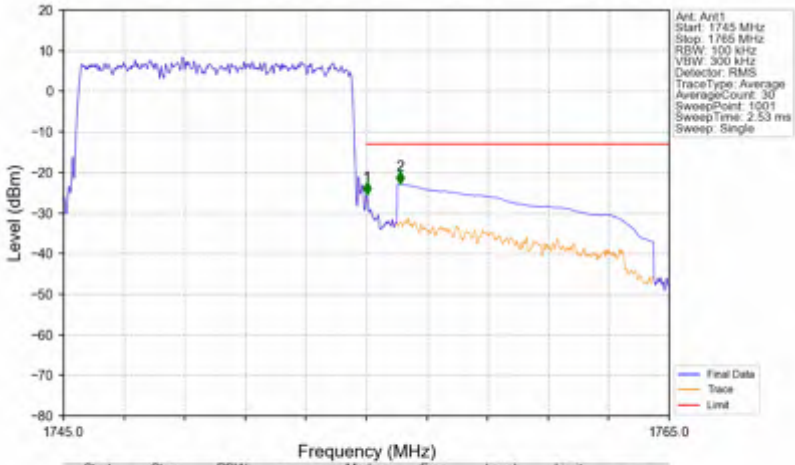


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



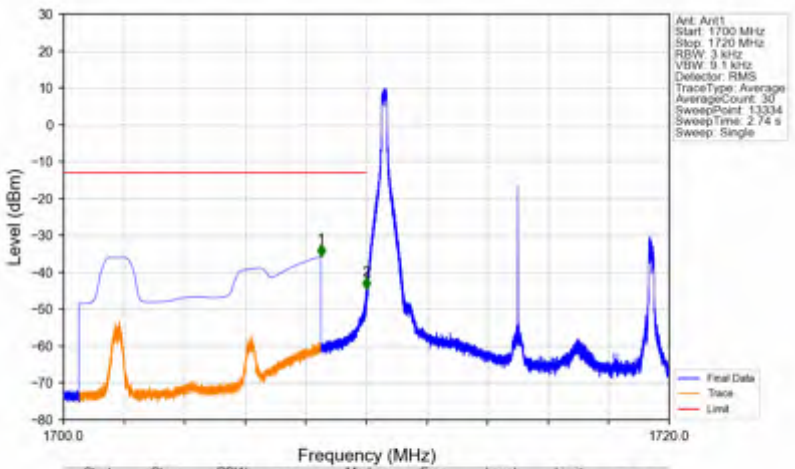
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-44.15	-13	Pass
1756	1765	1	CHP	2	1756.001	-32.94	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



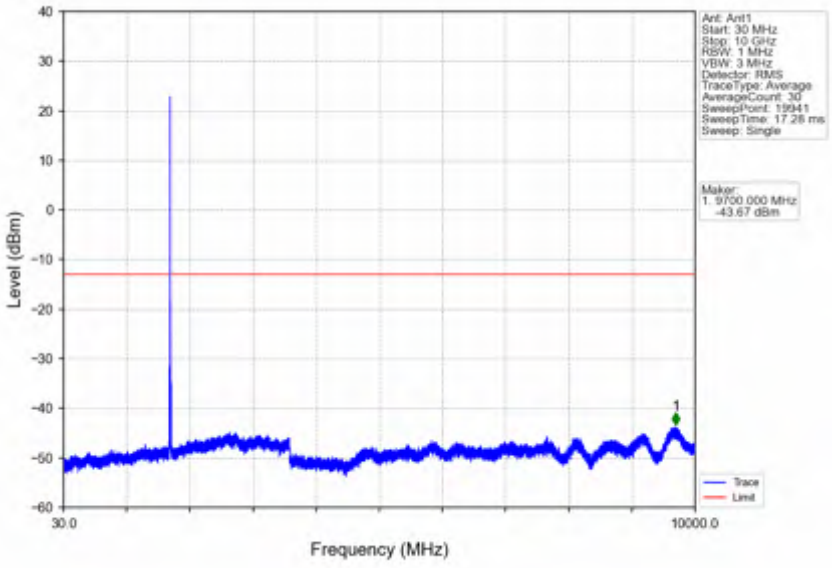
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.020	-25.47	-13	Pass
1756	1765	1	CHP	2	1756.120	-22.93	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

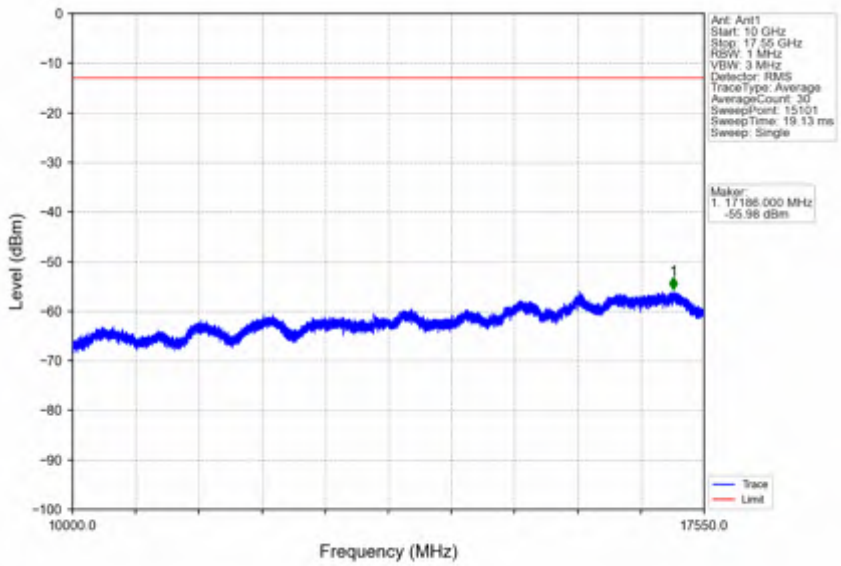


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-35.74	-13	Pass
1709	1710	0.003	/	2	1709.999	-44.78	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

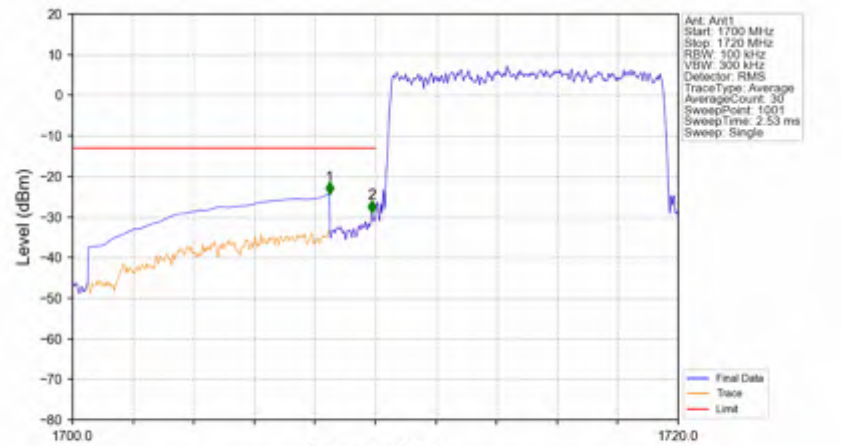
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

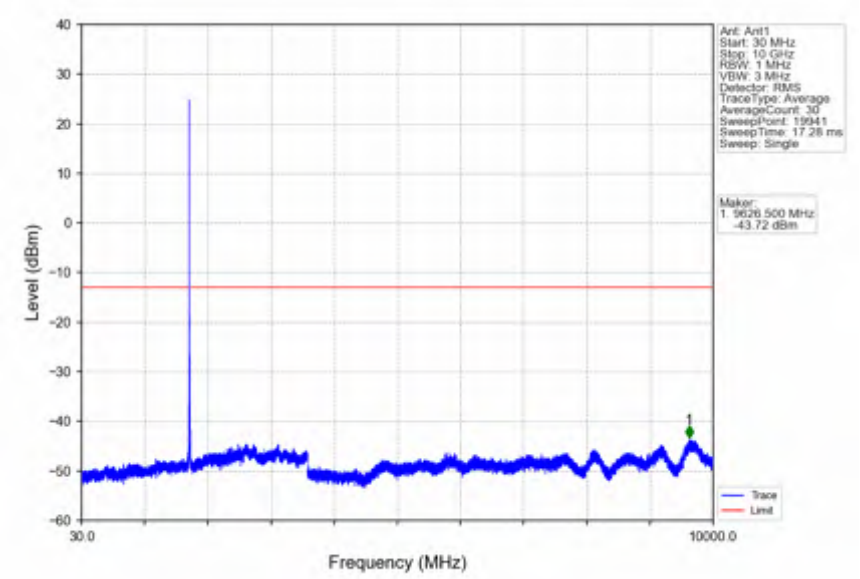


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

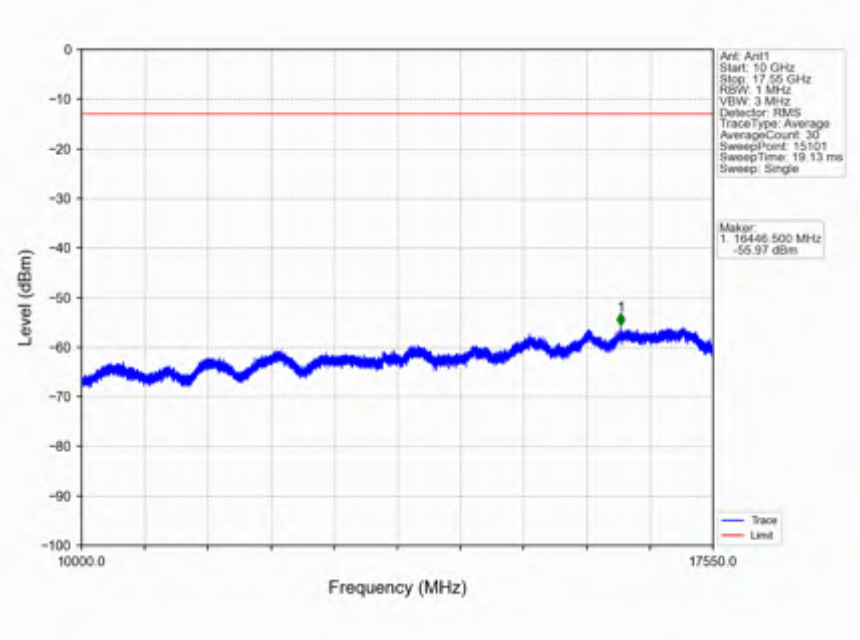


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-24.48	-13	Pass
1709	1710	0.1	/	2	1709.880	-28.94	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

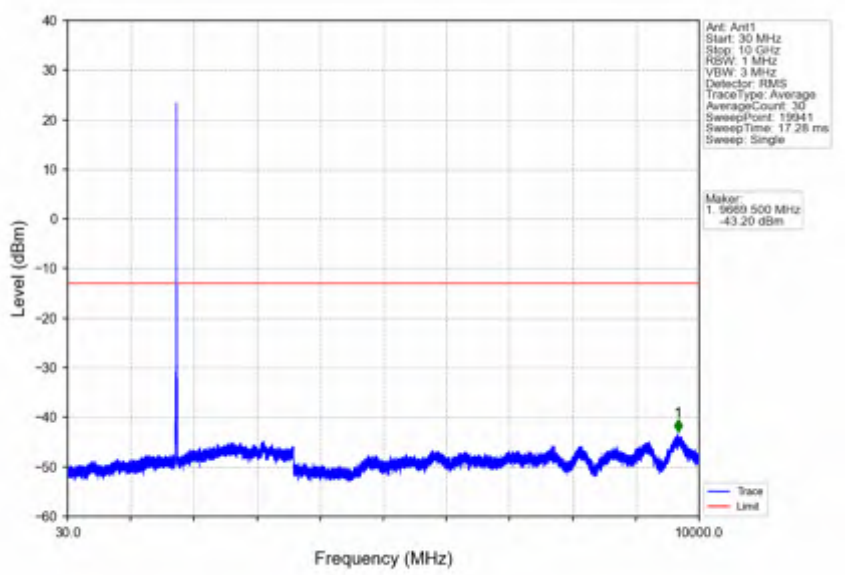
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



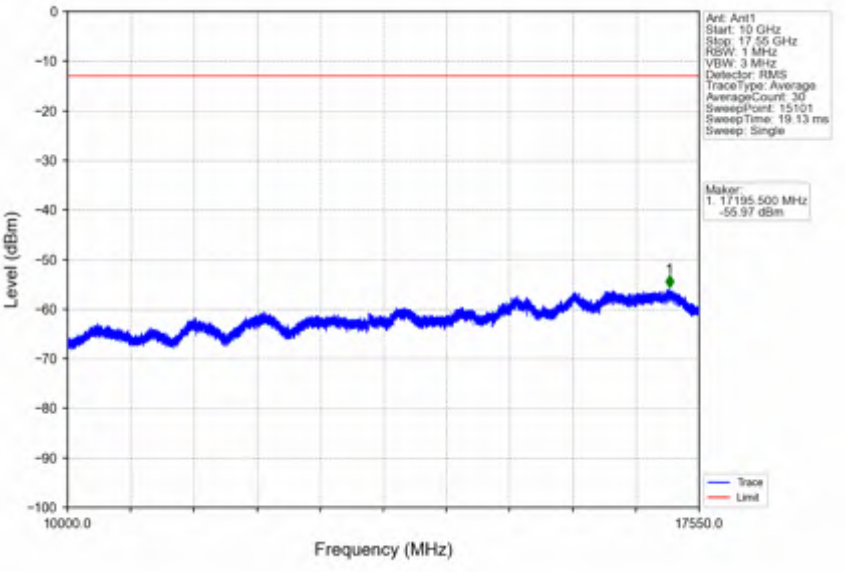
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



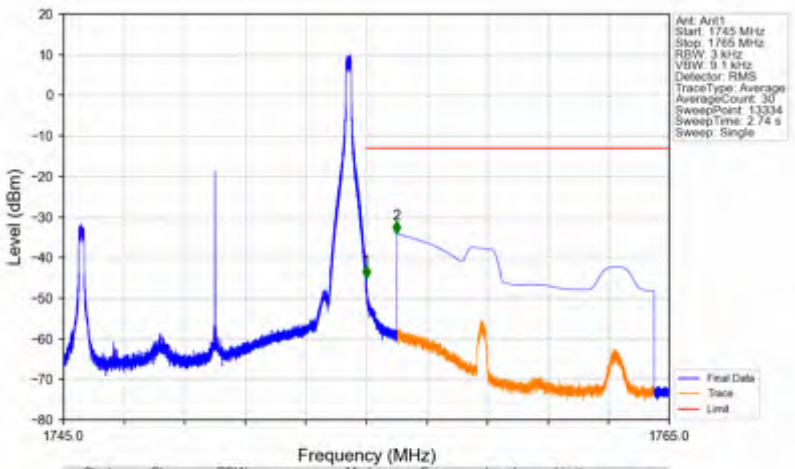
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

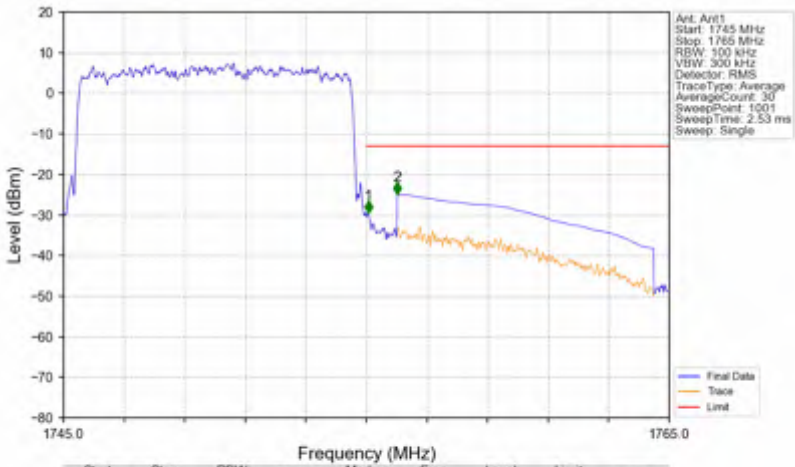


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



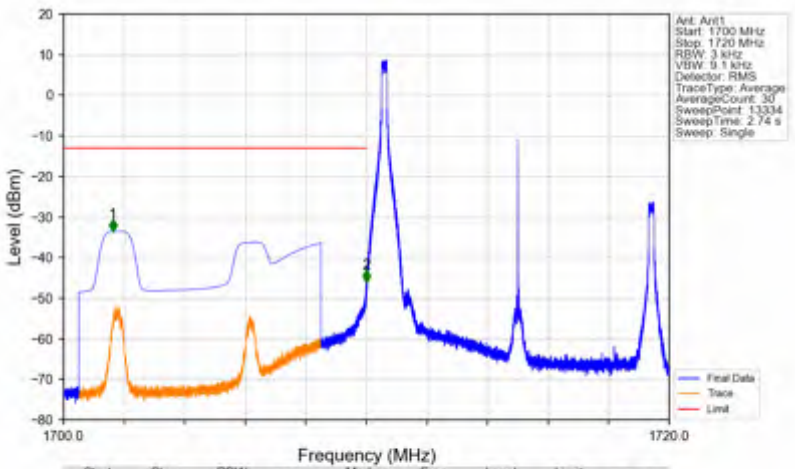
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-45.12	-13	Pass
1756	1765	1	CHP	2	1756.001	-34.06	-13	Pass

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



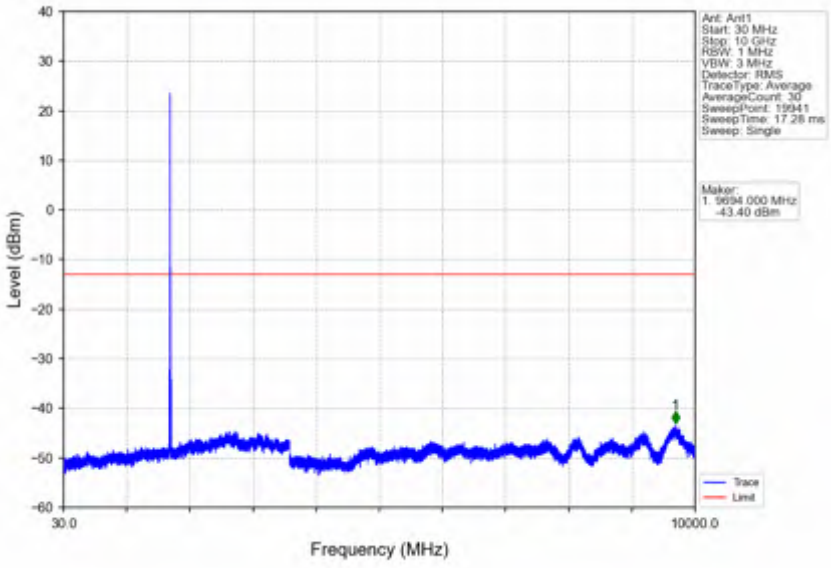
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.060	-29.58	-13	Pass
1756	1765	1	CHP	2	1756.020	-24.96	-13	Pass

Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV

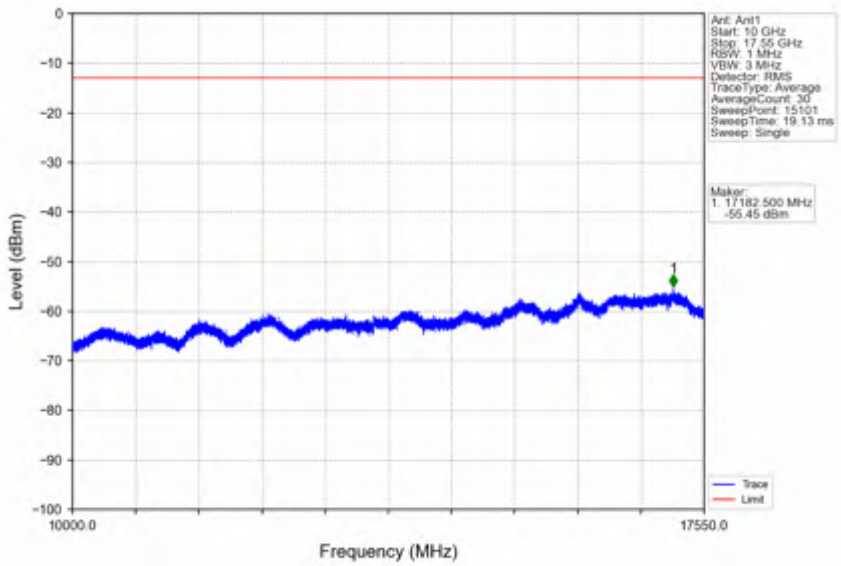


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1701.620	-33.57	-13	Pass
1709	1710	0.003	/	2	1709.998	-46.13	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

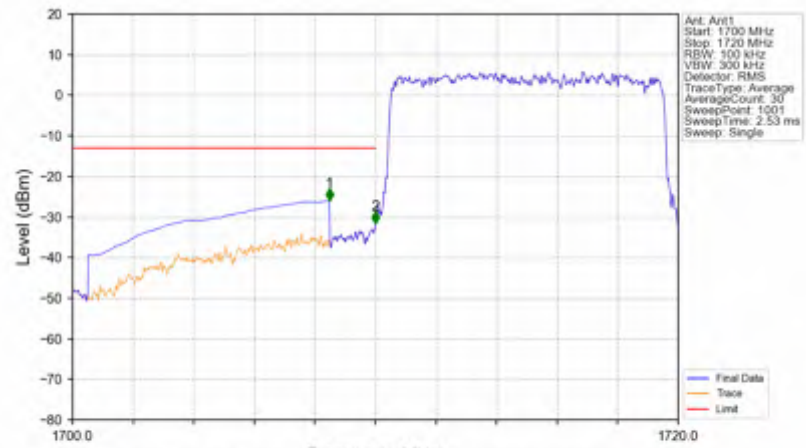
Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV

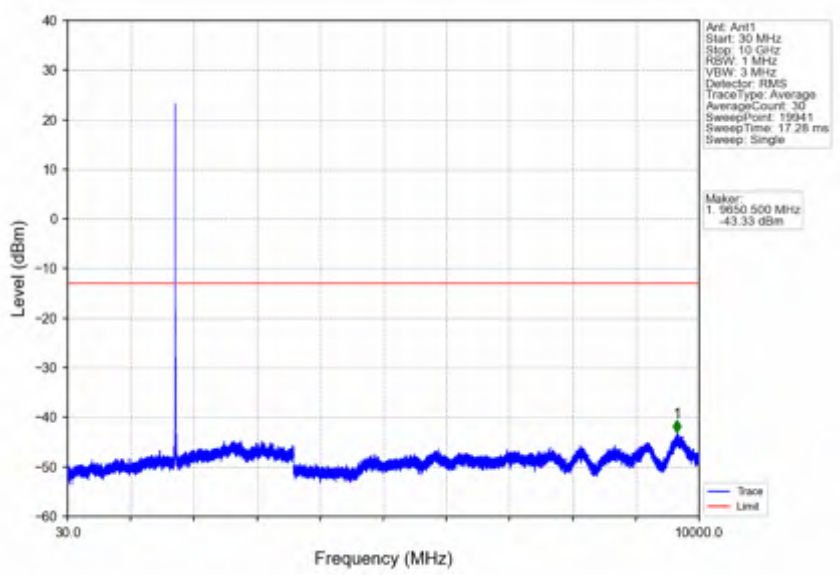


Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV

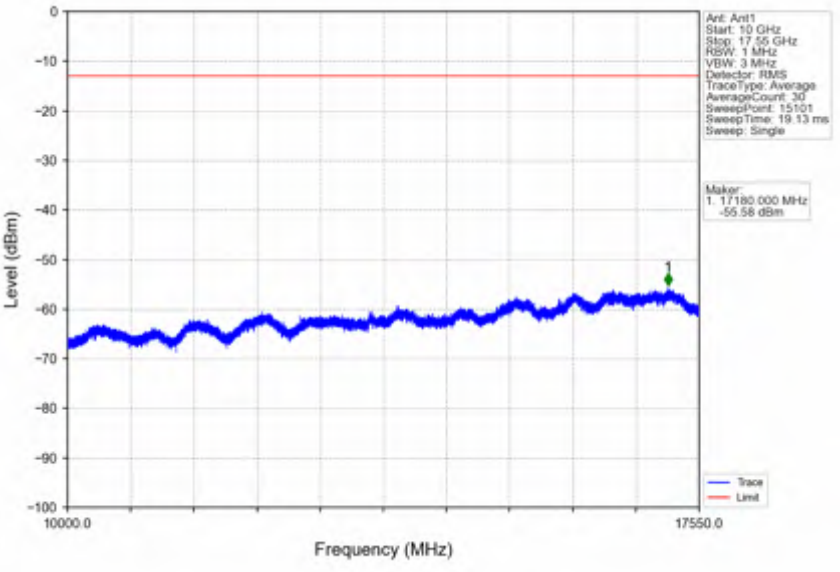


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.08	-13	Pass
1709	1710	0.1	/	2	1710.000	-31.71	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

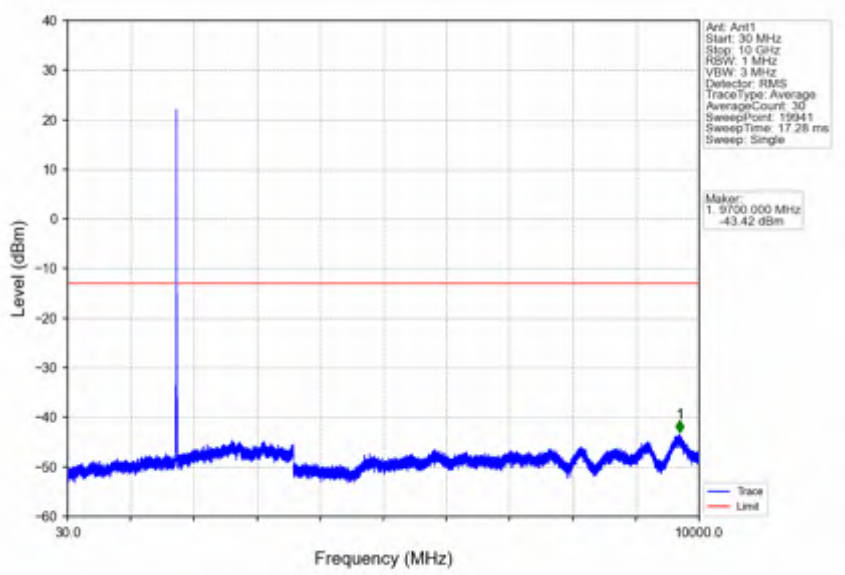
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



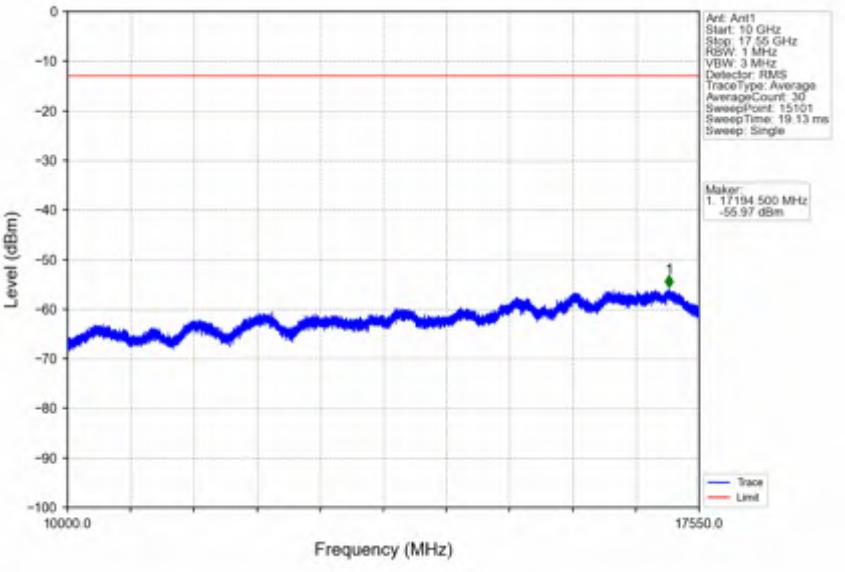
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



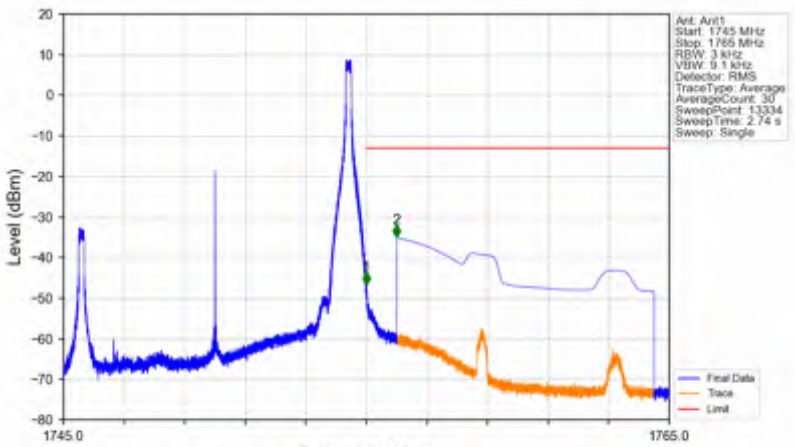
Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV

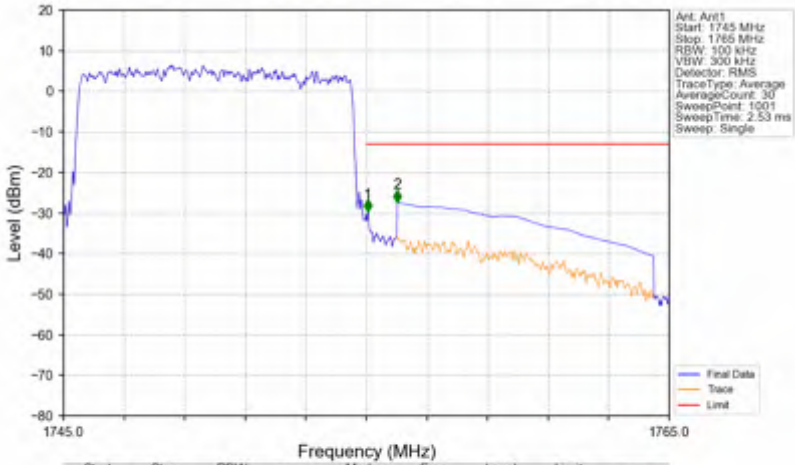


Band4_10MHz_64QAM_HCH_1750MHz_RB_1_49_NTNV



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	-46.71	-13	Pass
1756	1765	1	CHP	2	1756.001	-35.01	-13	Pass

Band4_10MHz_64QAM_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	-29.76	-13	Pass
1756	1765	1	CHP	2	1756.020	-27.35	-13	Pass

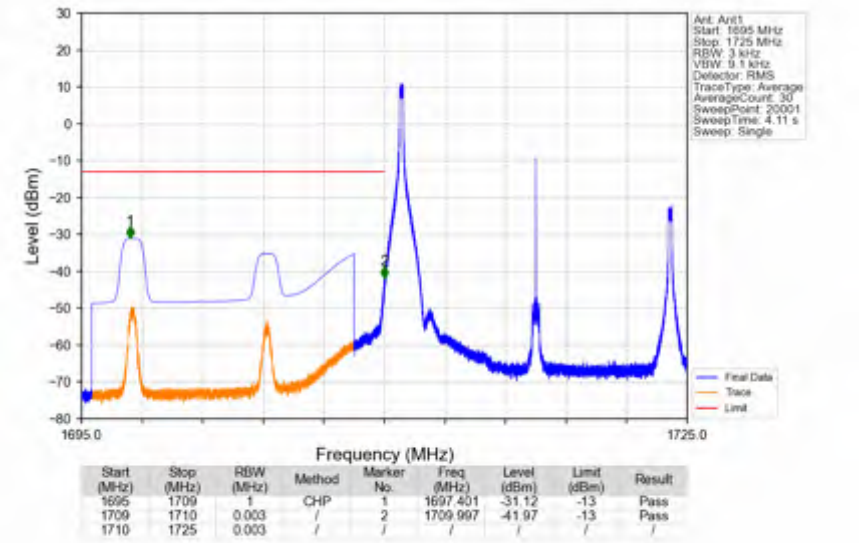
5.5 B4_15MHz

5.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	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

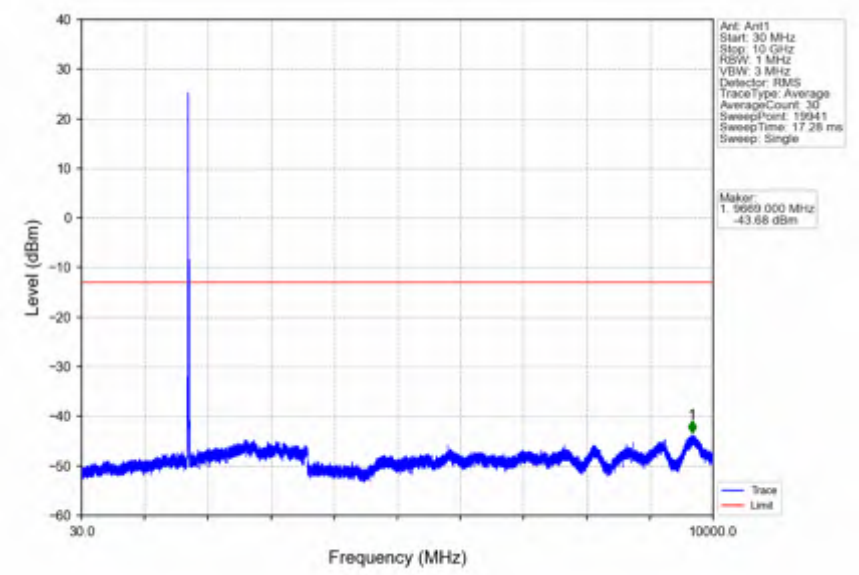
5.5.2 Test Graph

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

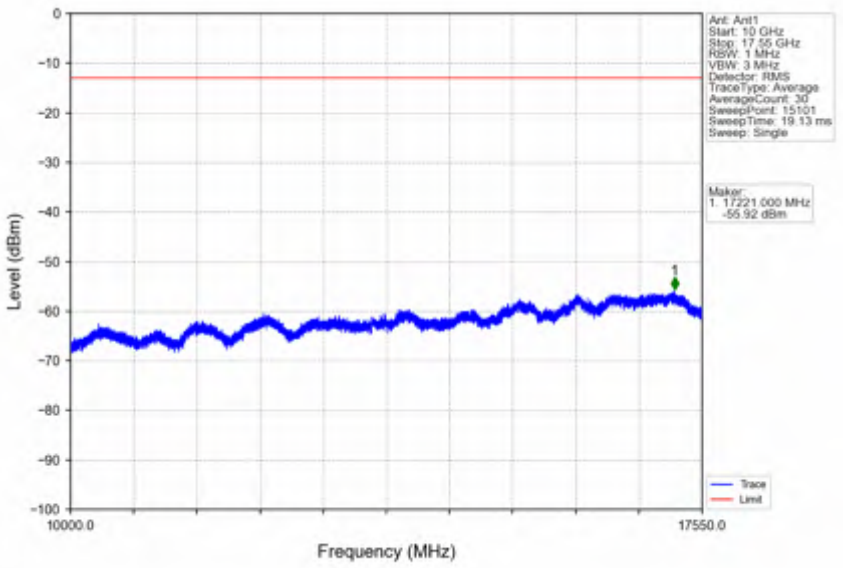


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.401	-31.12	-13	Pass
1709	1710	0.003	/	2	1709.997	-41.97	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

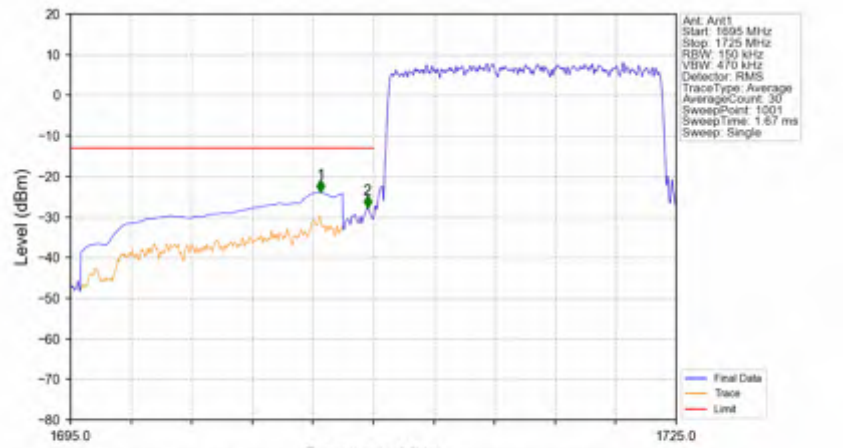
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

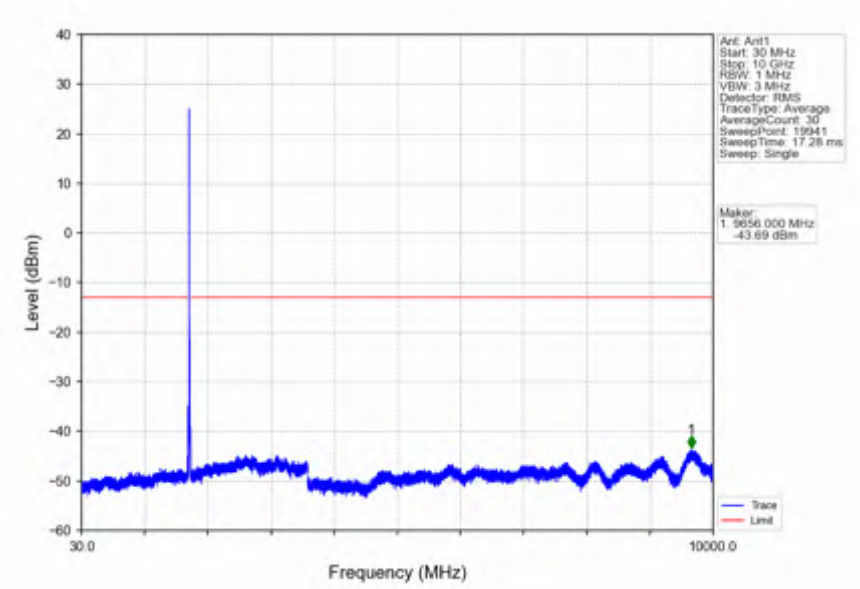


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

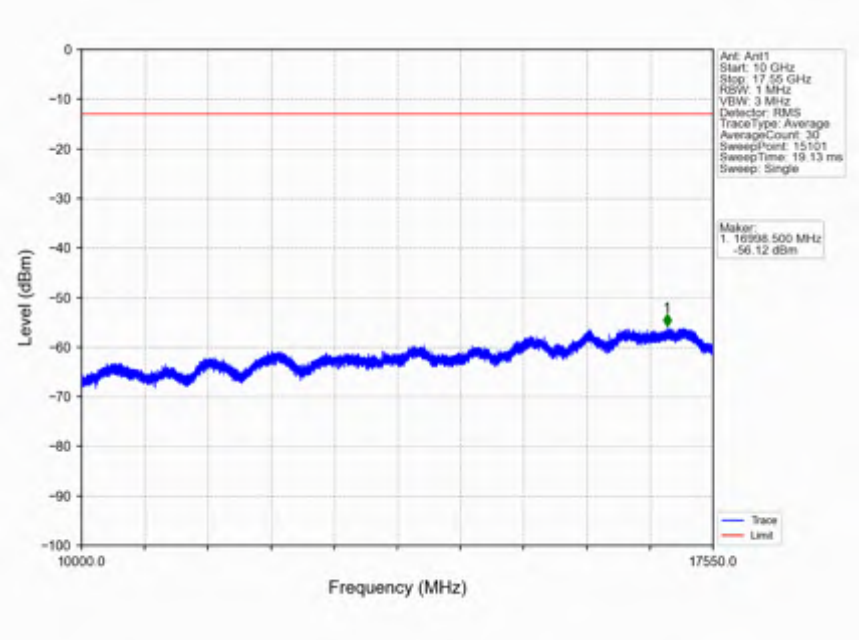


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.390	-23.89	-13	Pass
1709	1710	0.15	/	2	1709.700	-27.81	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

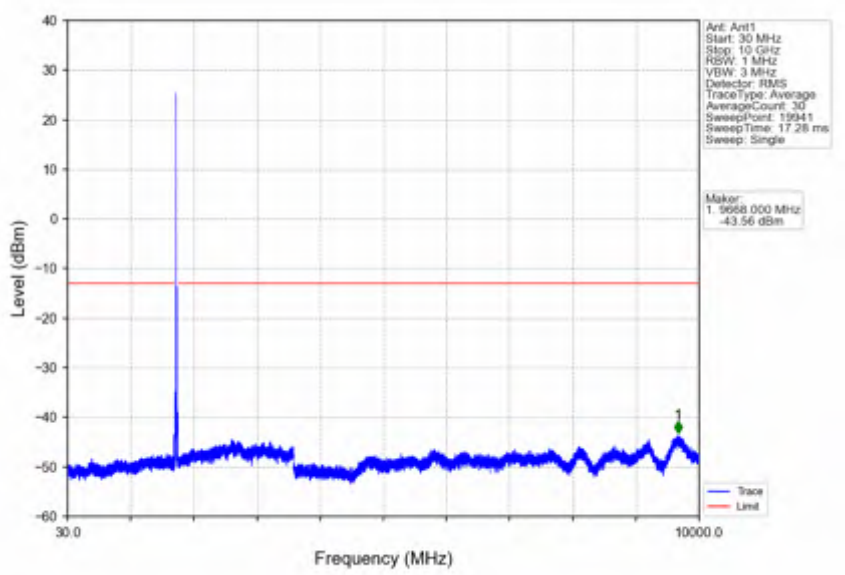
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



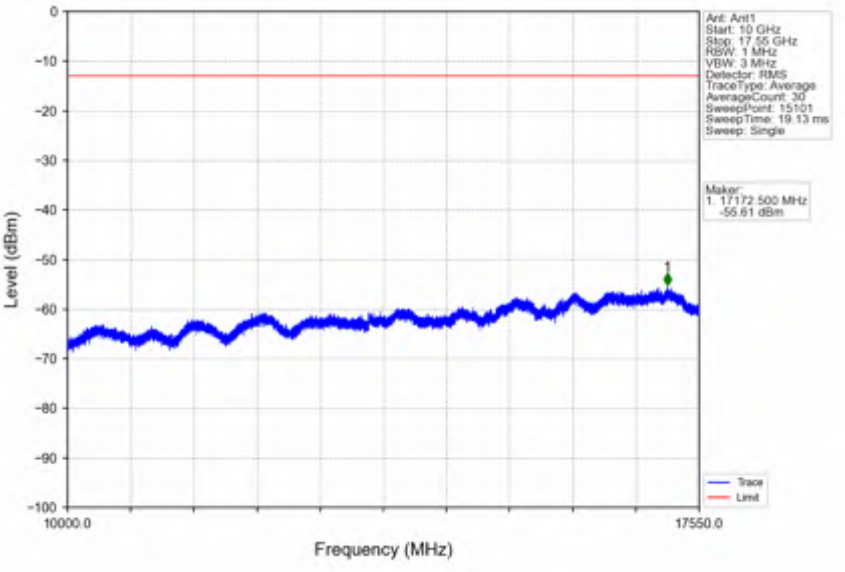
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



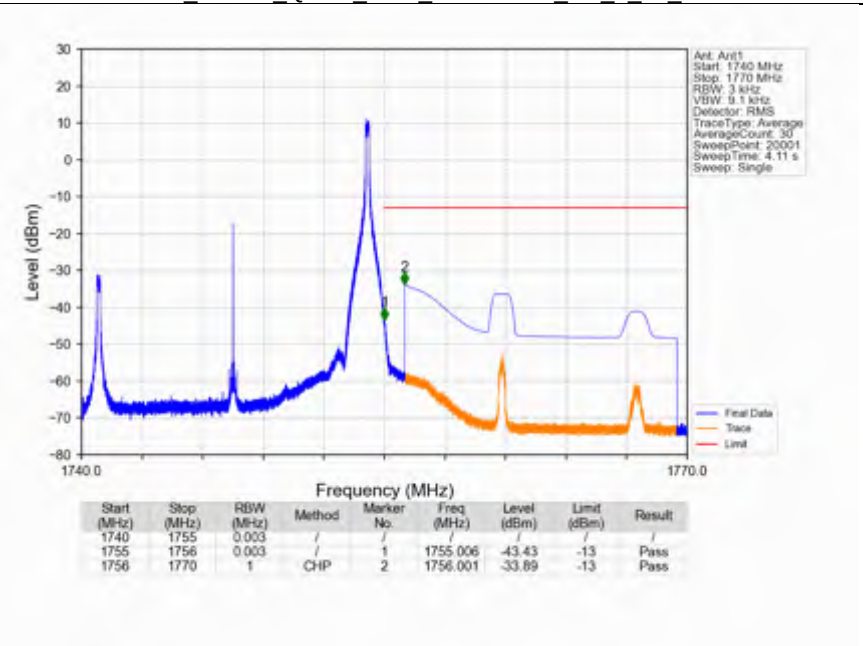
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

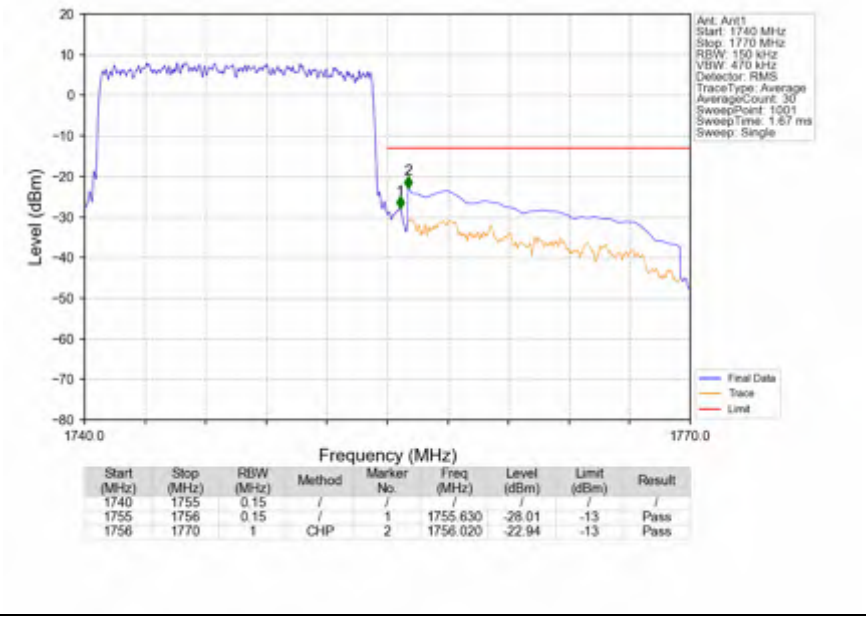


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



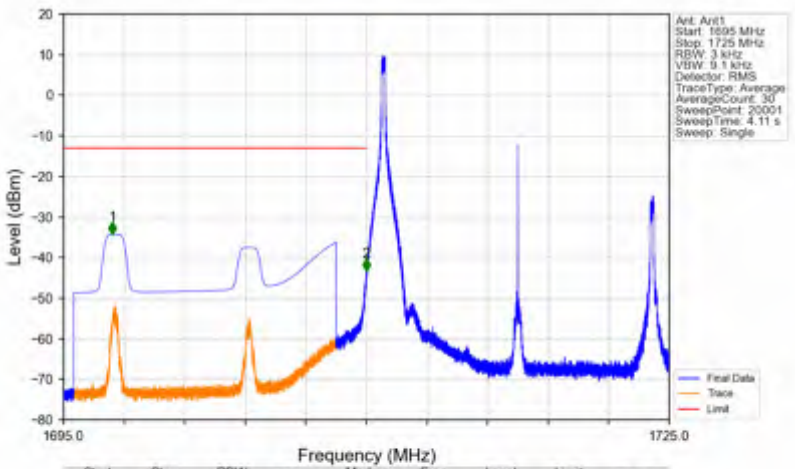
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-43.43	-13	Pass
1756	1770	1	CHP	2	1756.001	-33.89	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



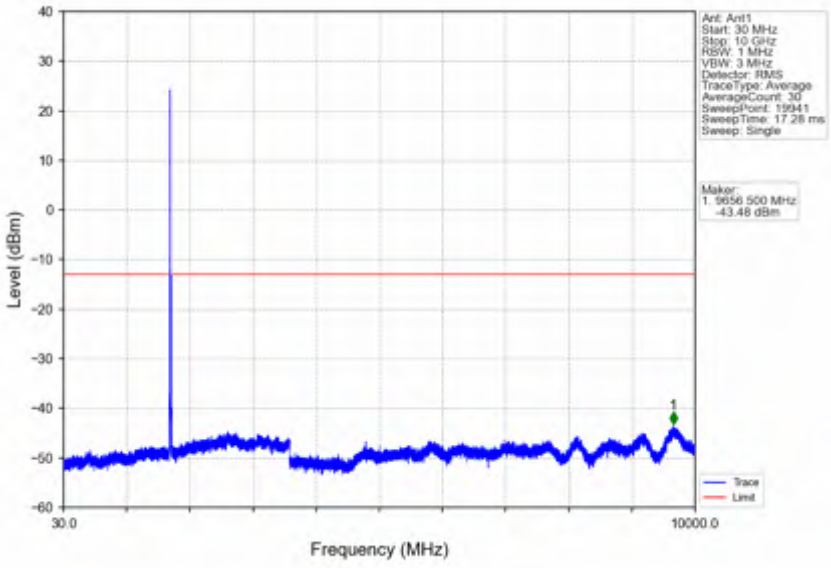
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.630	-28.01	-13	Pass
1756	1770	1	CHP	2	1756.020	-22.94	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

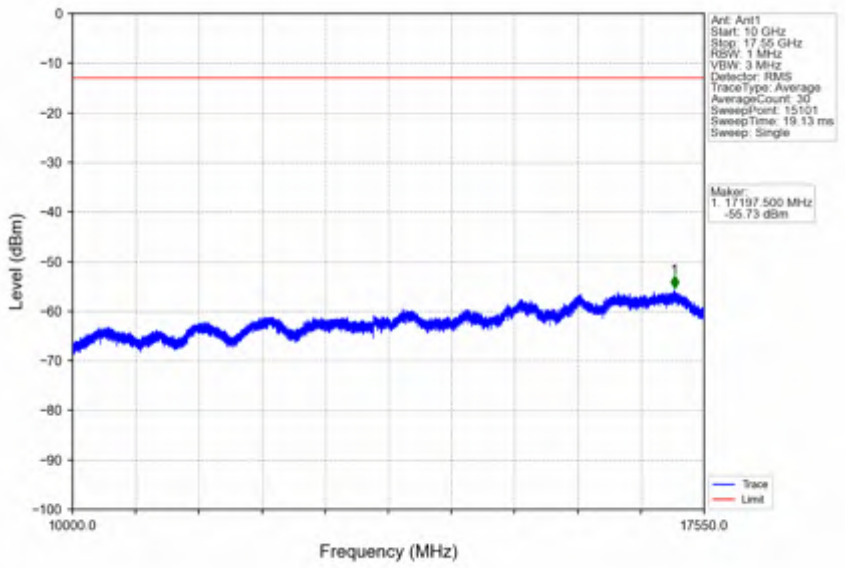


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.421	-34.33	-13	Pass
1709	1710	0.003	/	2	1710.000	-43.35	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

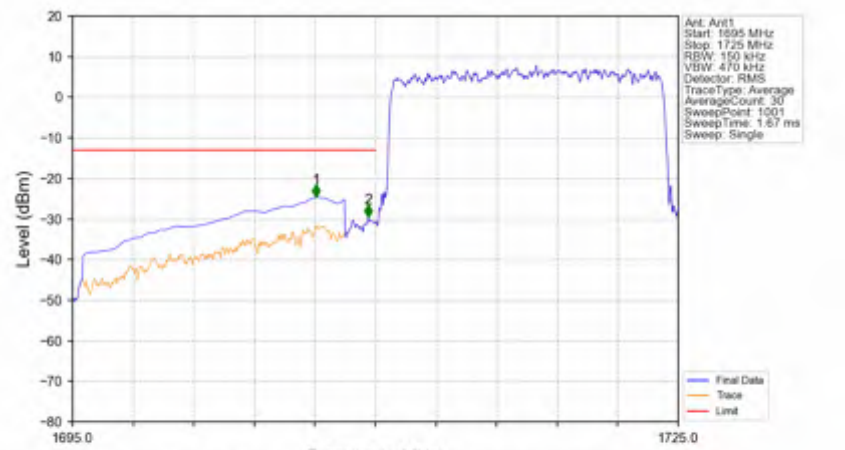
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

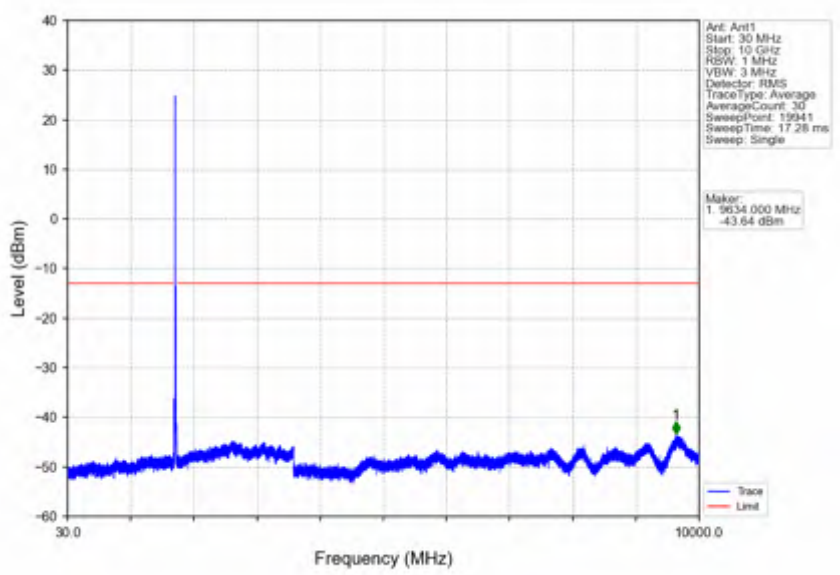


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

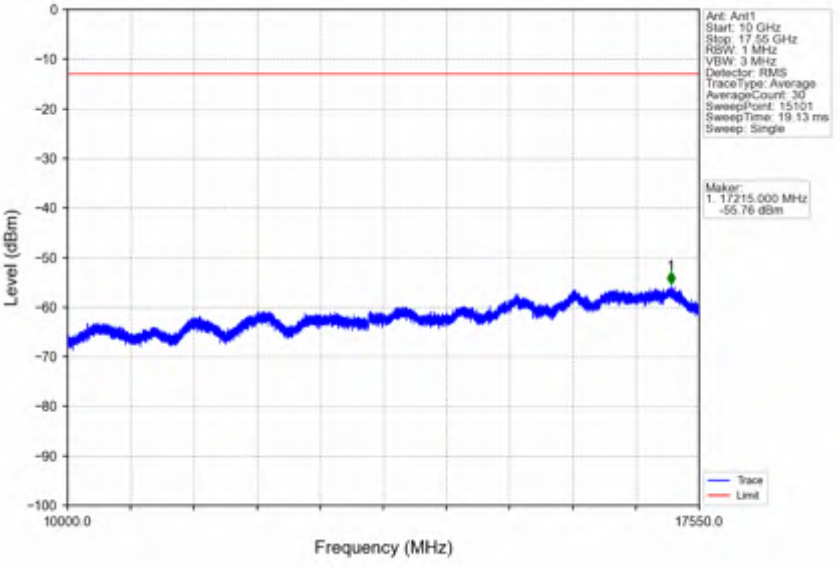


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.060	-24.69	-13	Pass
1709	1710	0.15	/	2	1709.640	-29.63	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

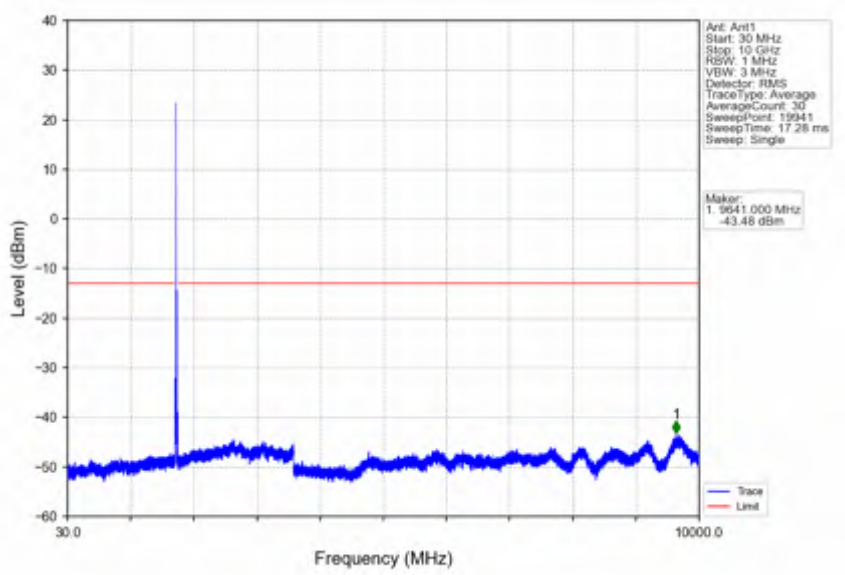
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



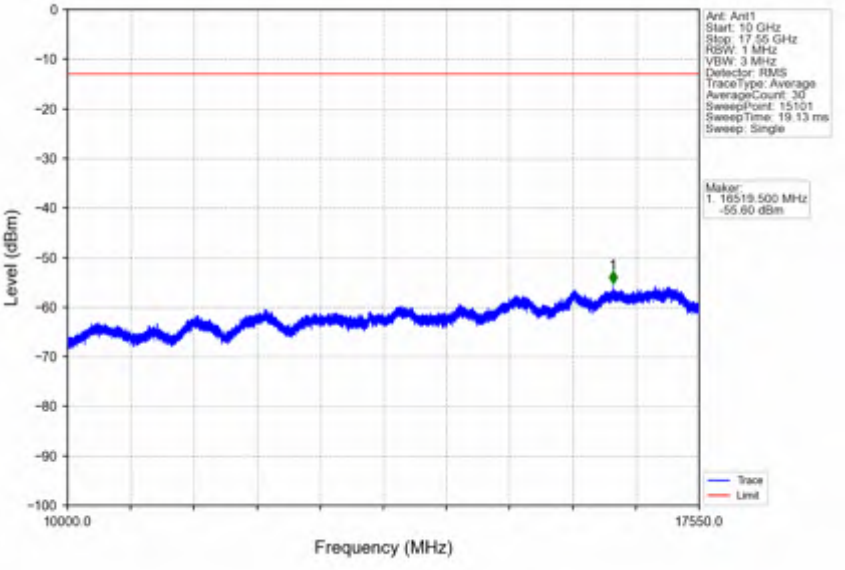
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



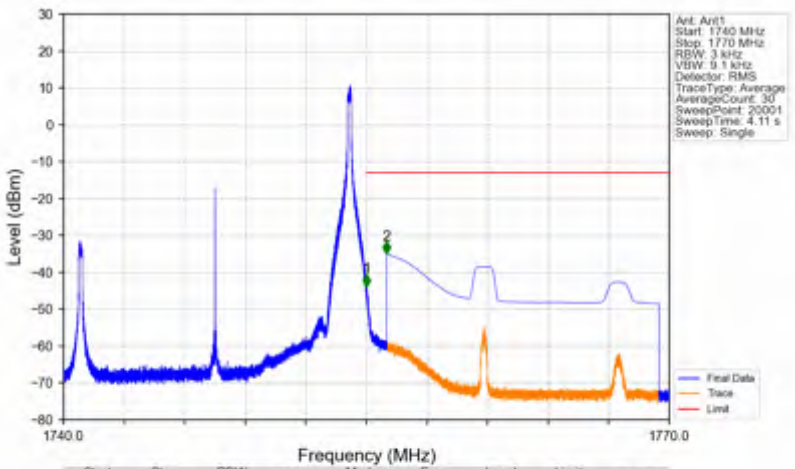
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

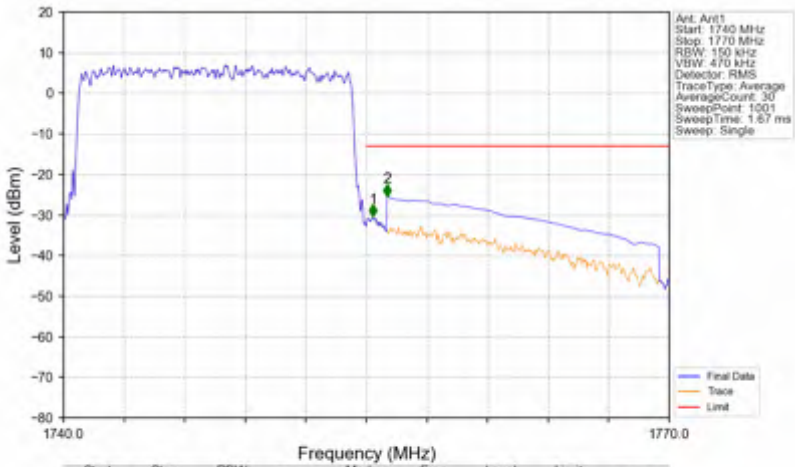


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



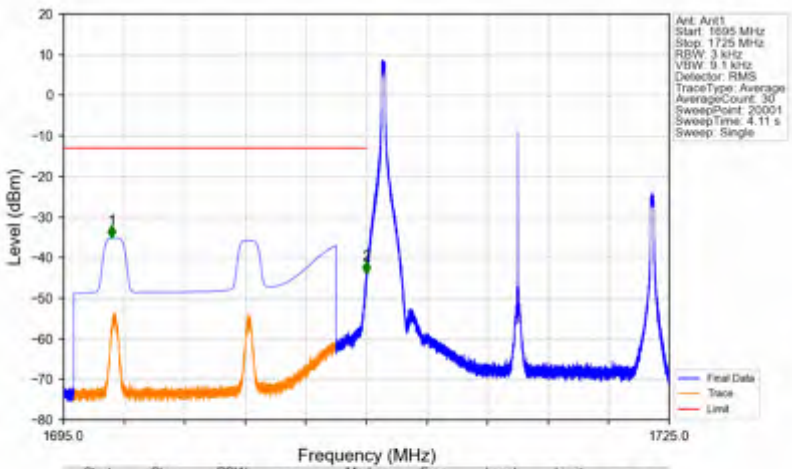
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-43.85	-13	Pass
1756	1770	1	CHP	2	1756.001	-34.98	-13	Pass

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



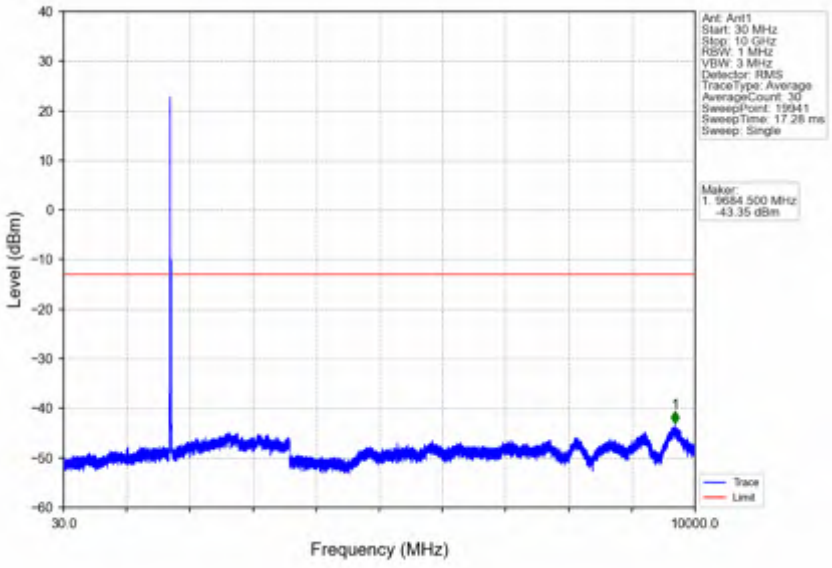
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.330	-30.49	-13	Pass
1756	1770	1	CHP	2	1756.020	-25.44	-13	Pass

Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV

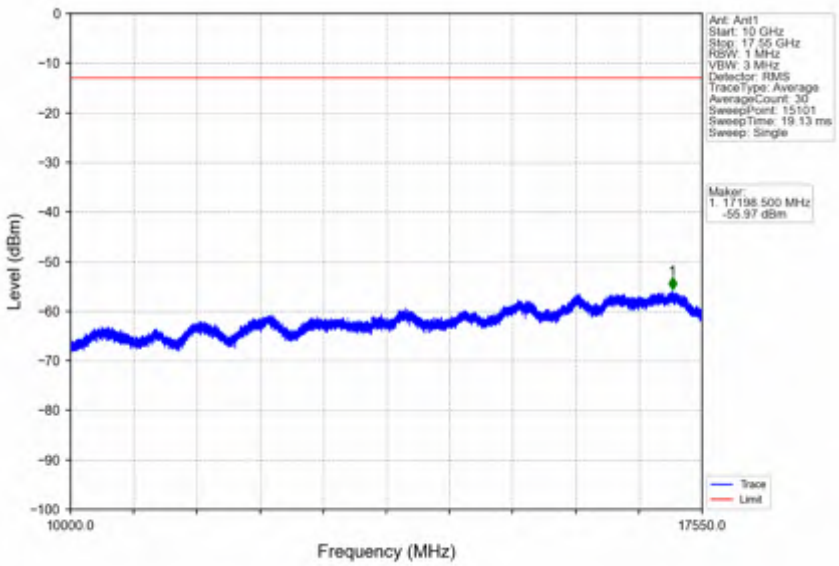


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.392	-35.22	-13	Pass
1709	1710	0.003	/	2	1709.997	-44.05	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

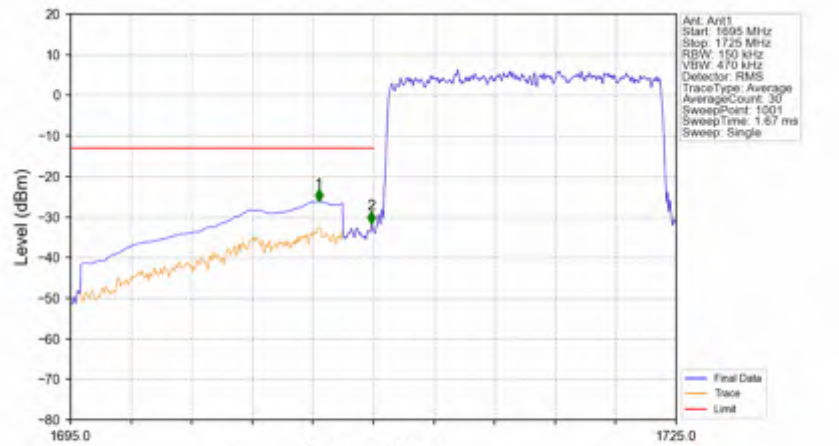
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV

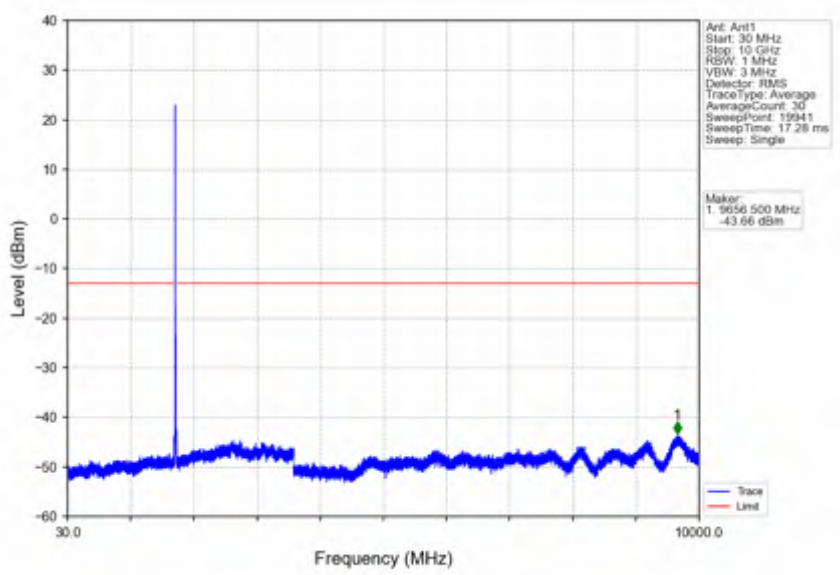


Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV

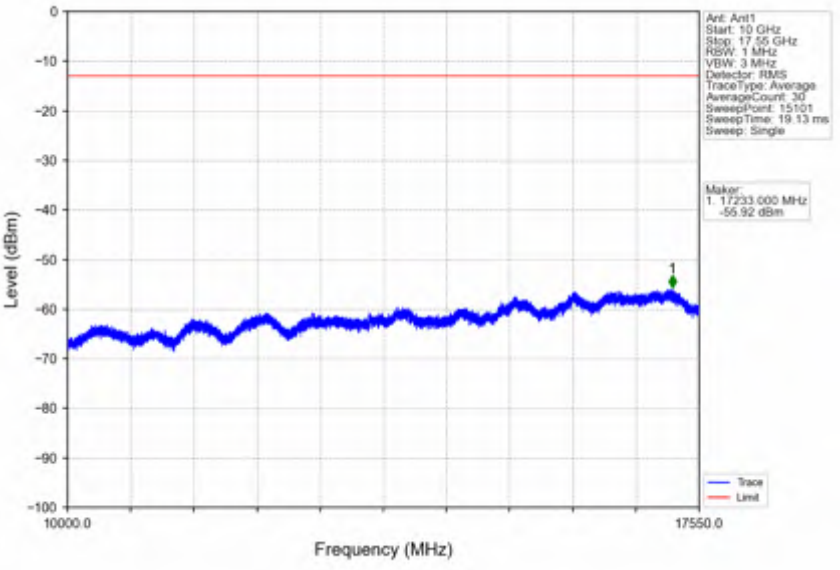


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.300	-26.18	-13	Pass
1709	1710	0.15	/	2	1709.910	-31.59	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

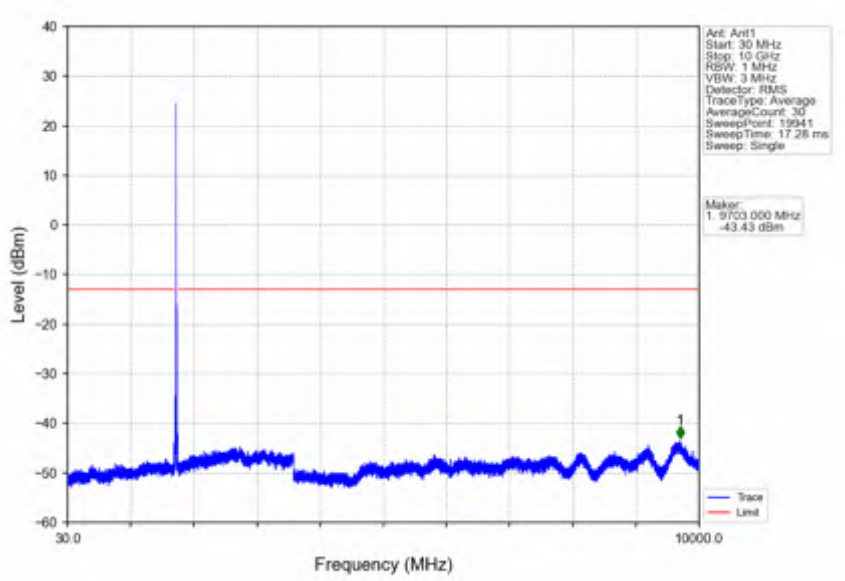
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



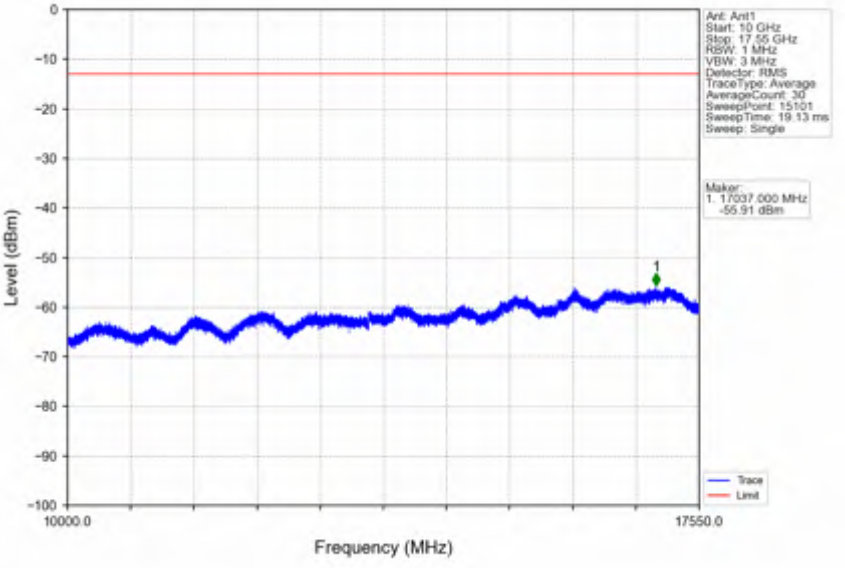
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



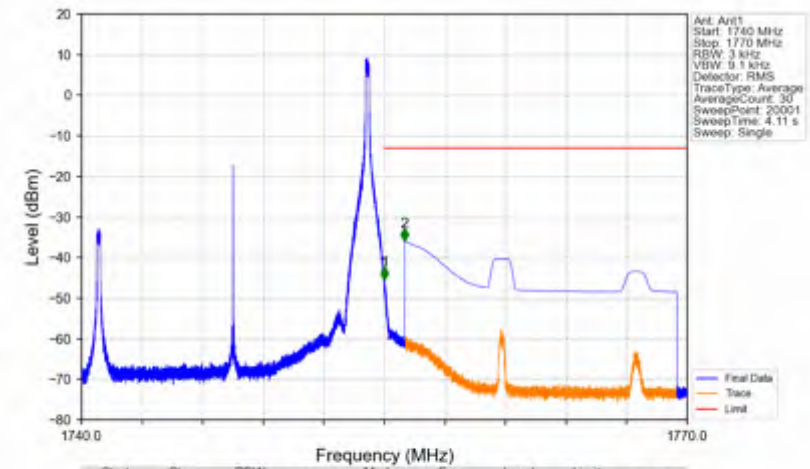
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV

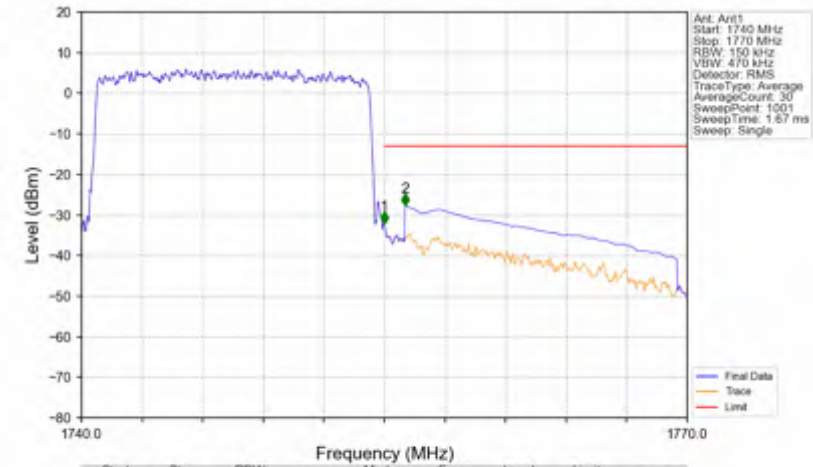


Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.003	-45.48	-13	Pass
1756	1770	1	CHP	2	1756.001	-35.97	-13	Pass

Band4_15MHz_64QAM_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	1755.000	-32.24	-13	Pass
1756	1770	1	CHP	2	1756.020	-27.82	-13	Pass

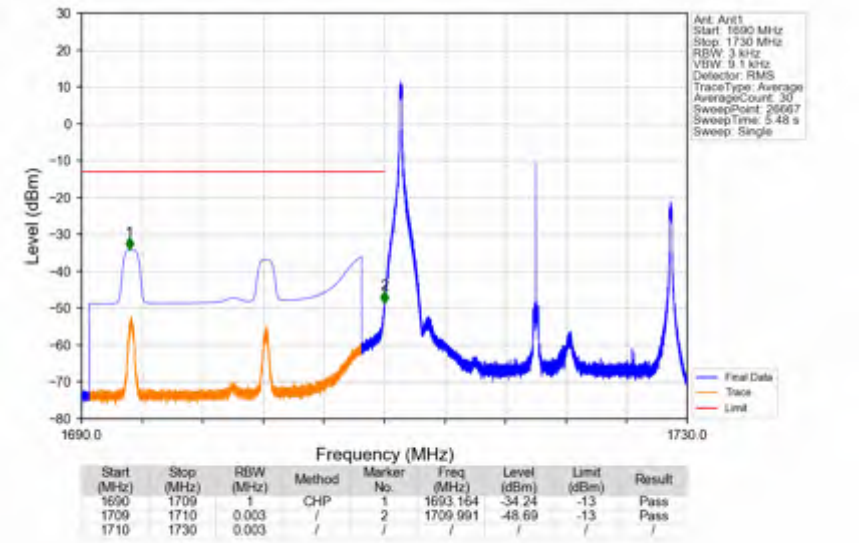
5.6 B4_20MHz

5.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

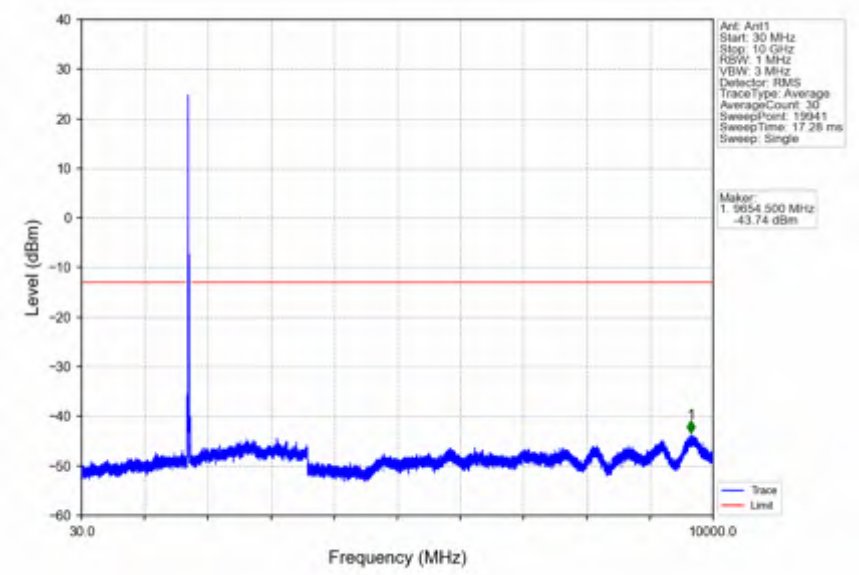
5.6.2 Test Graph

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

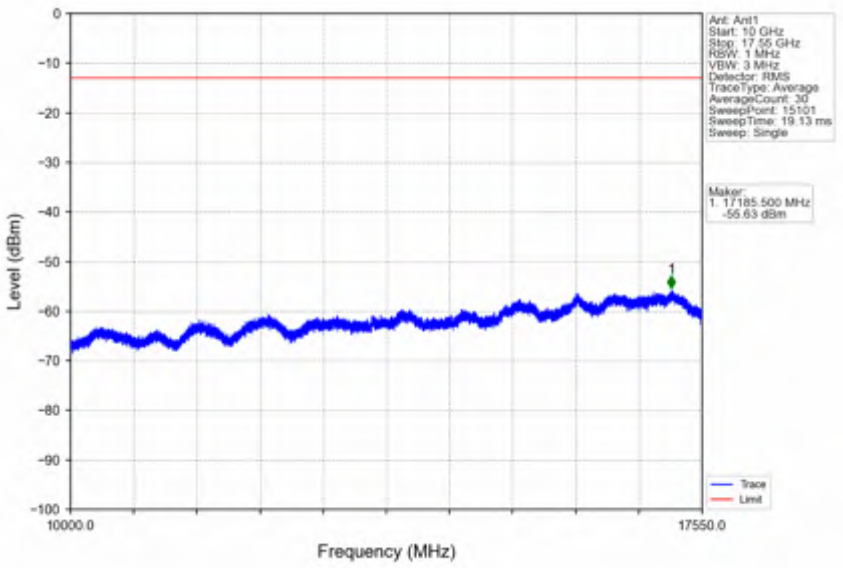


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.164	-34.24	-13	Pass
1709	1710	0.003	/	2	1709.991	-48.69	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

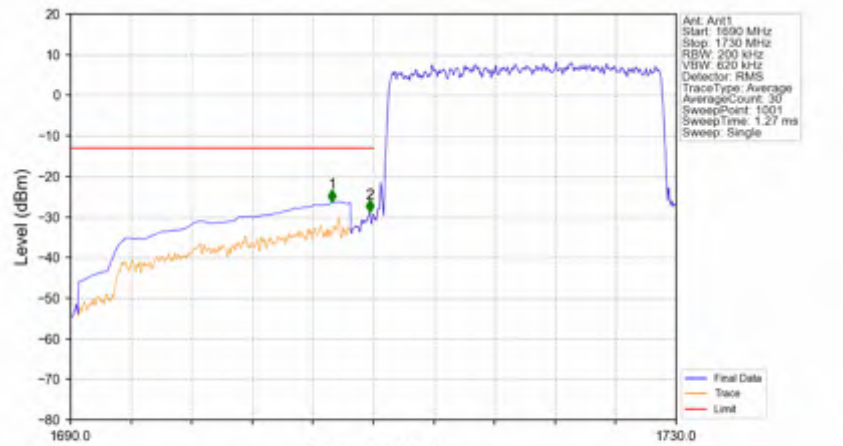
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

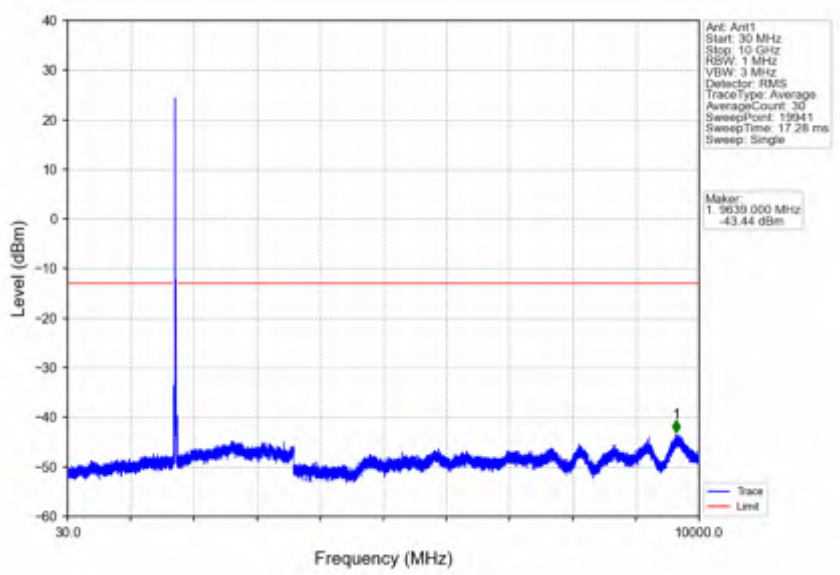


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

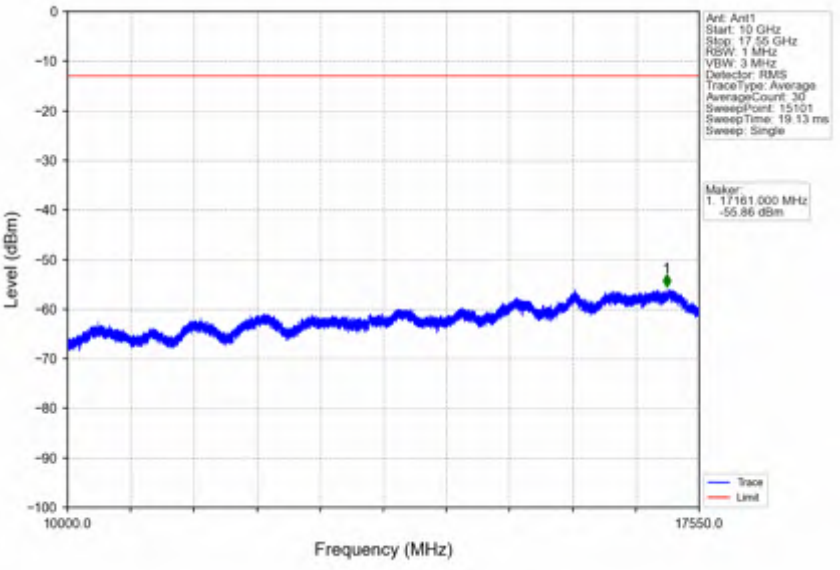


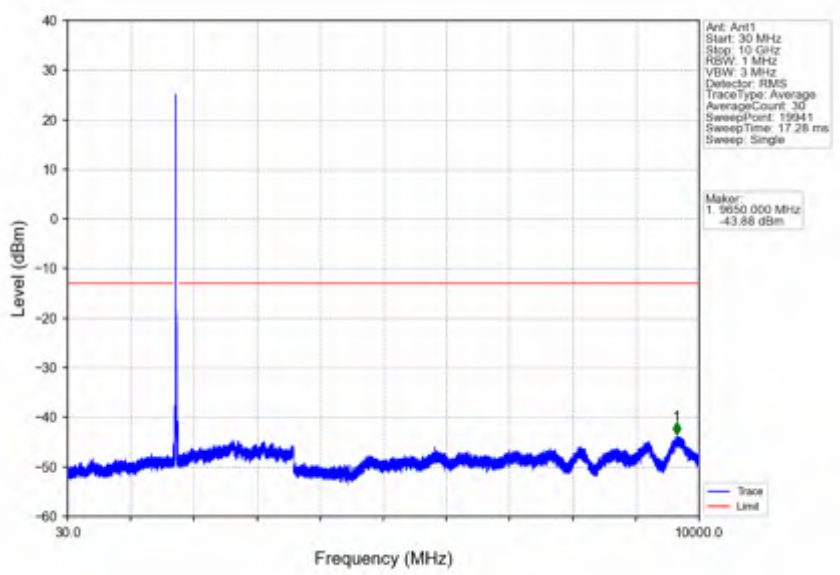
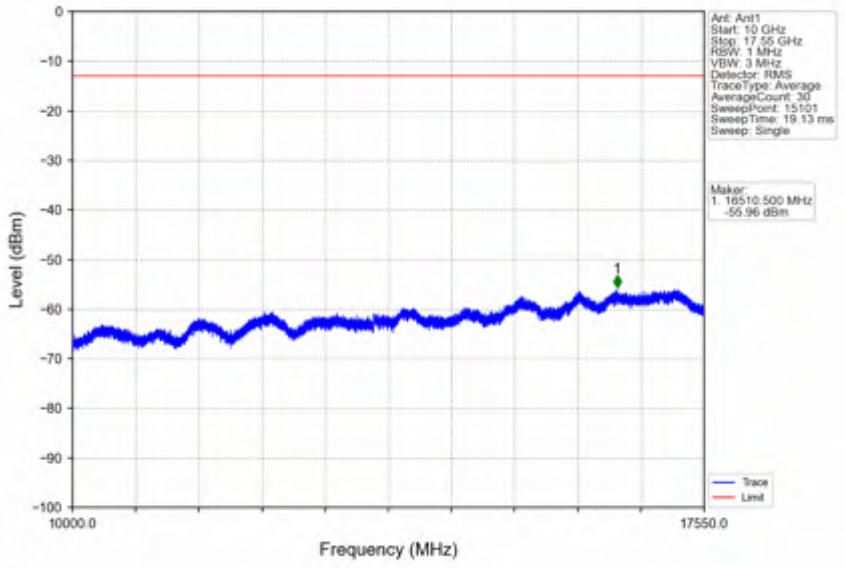
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.280	-26.29	-13	Pass
1709	1710	0.2	/	2	1709.760	-28.90	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

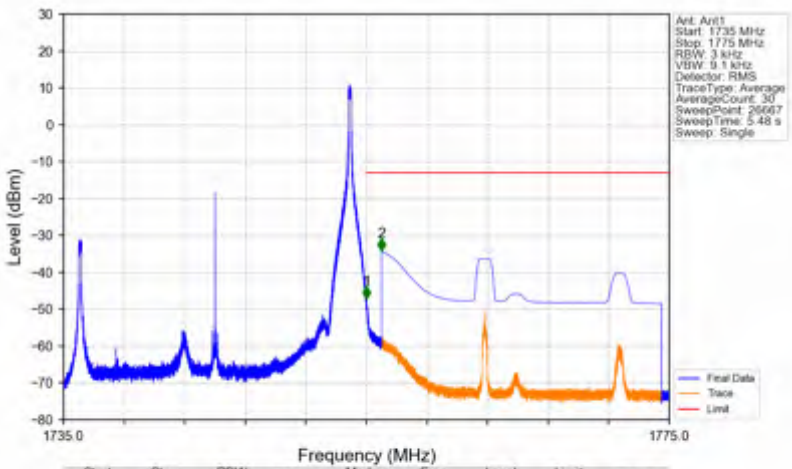


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



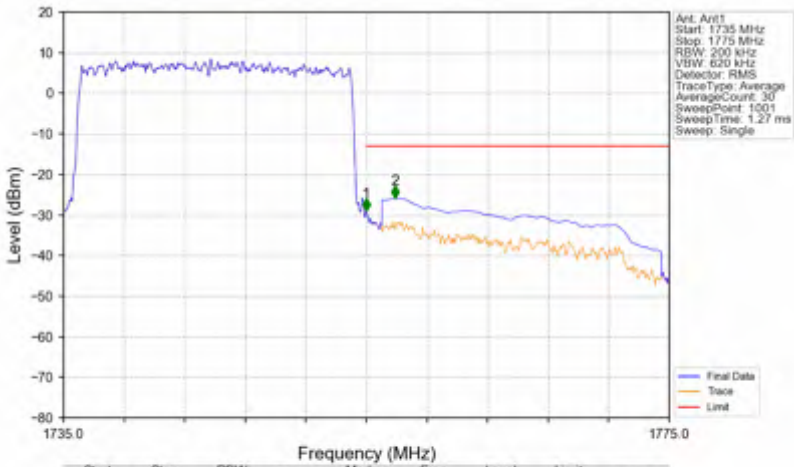
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



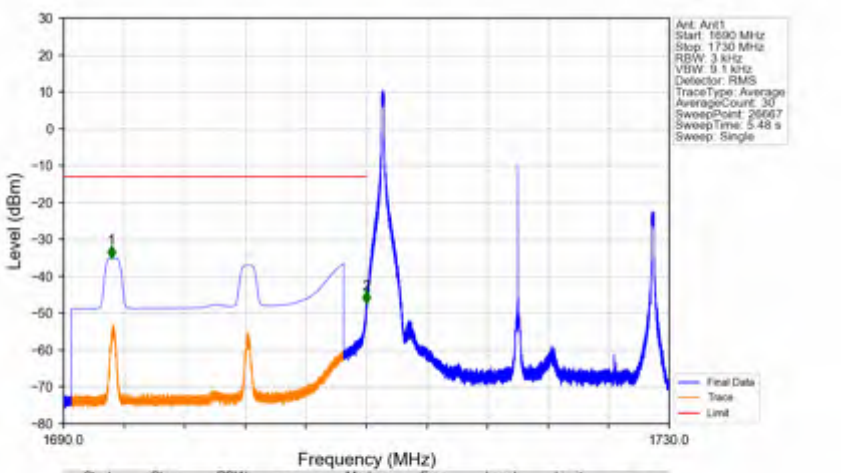
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-47.25	-13	Pass
1756	1775	1	CHP	2	1756.001	-34.20	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



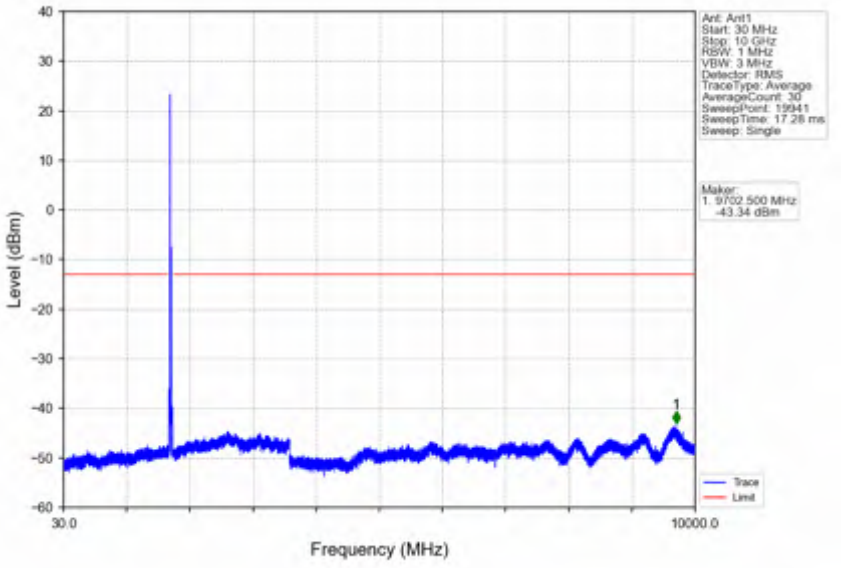
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.000	-29.07	-13	Pass
1756	1775	1	CHP	2	1756.880	-25.90	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

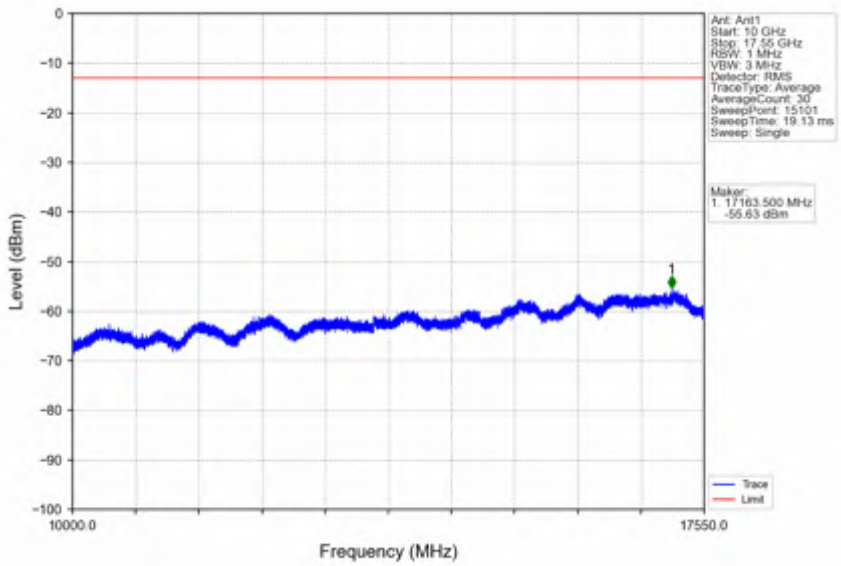


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.159	-35.11	-13	Pass
1709	1710	0.003	/	2	1709.994	-47.44	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

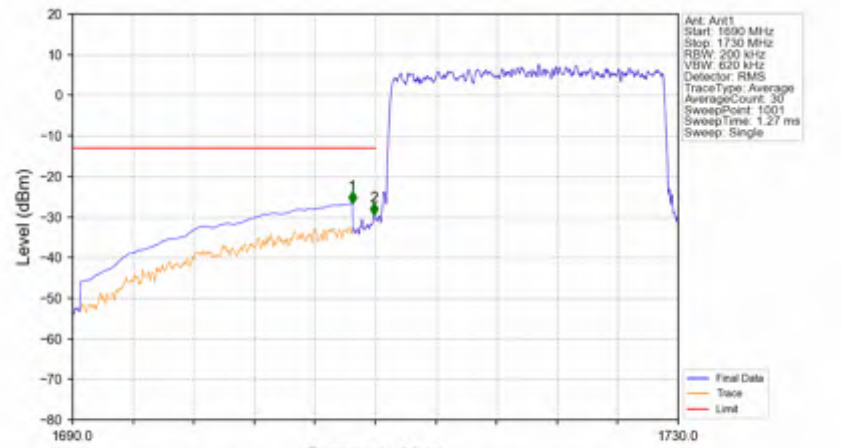
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

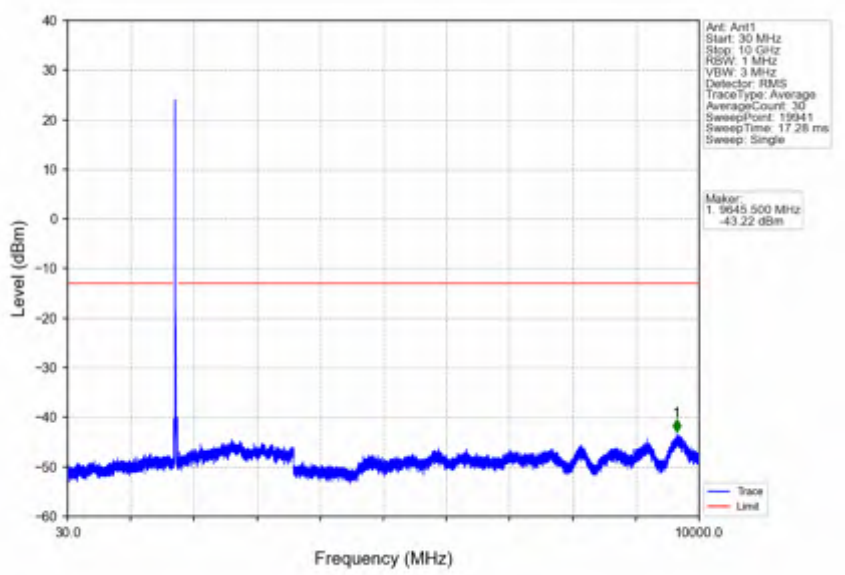


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

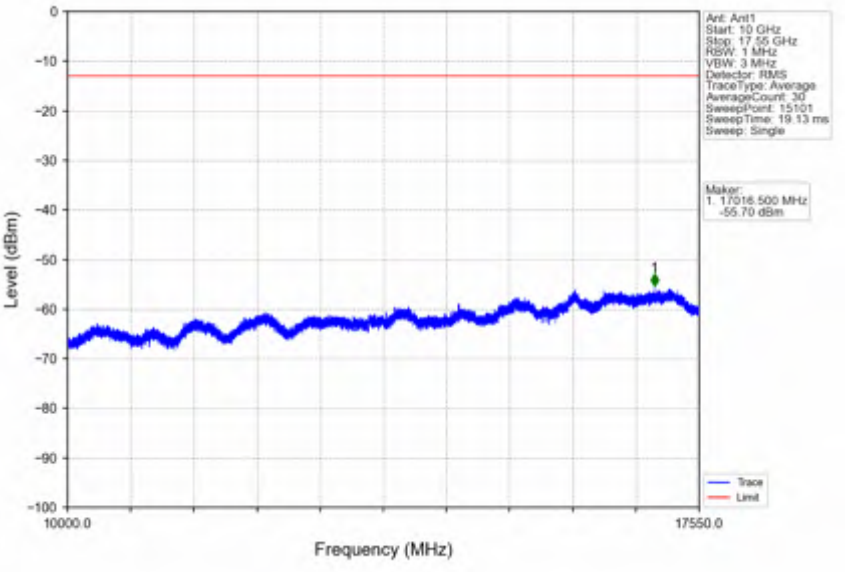


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-26.71	-13	Pass
1709	1710	0.2	/	2	1709.920	-29.63	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

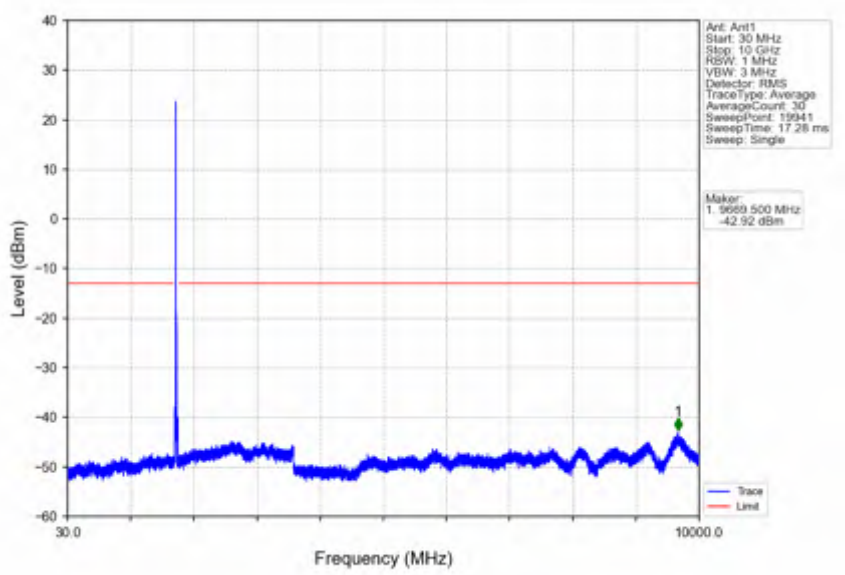
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



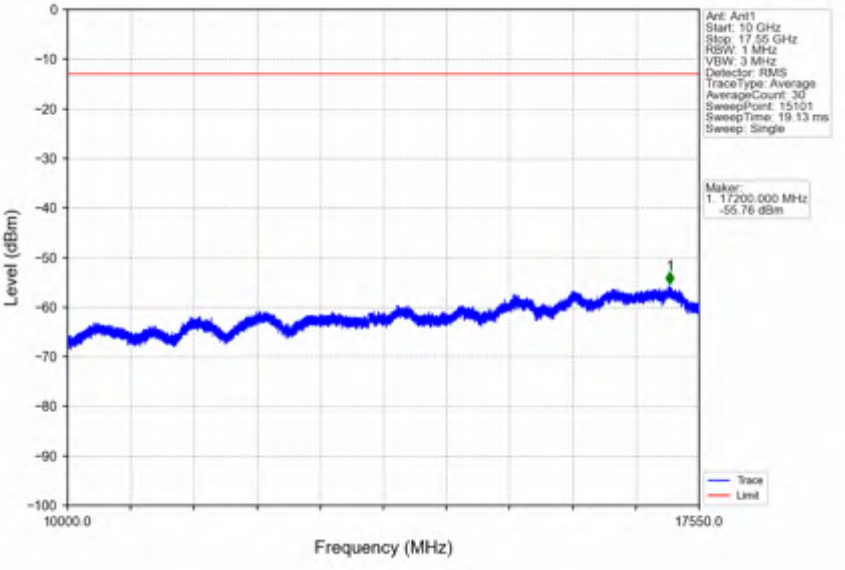
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



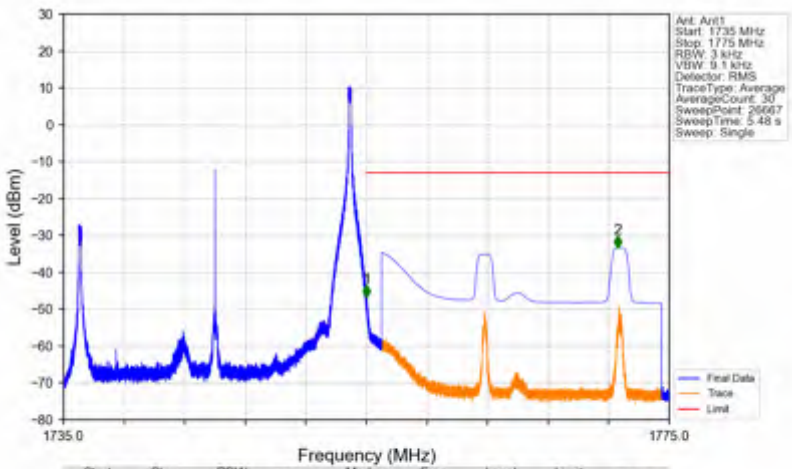
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

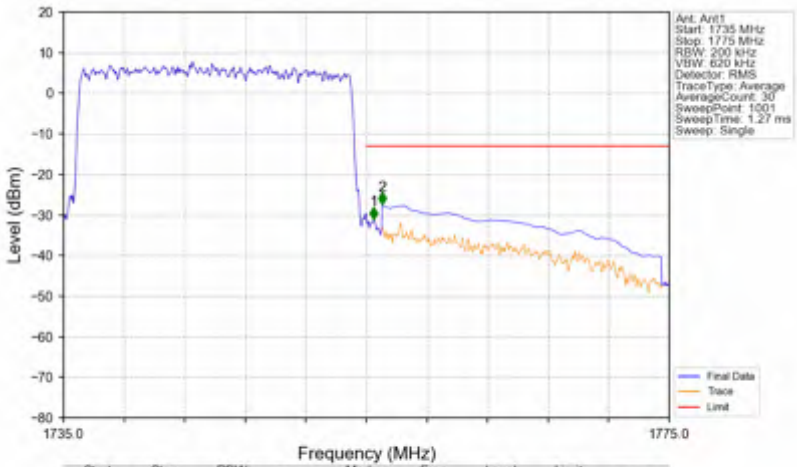


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



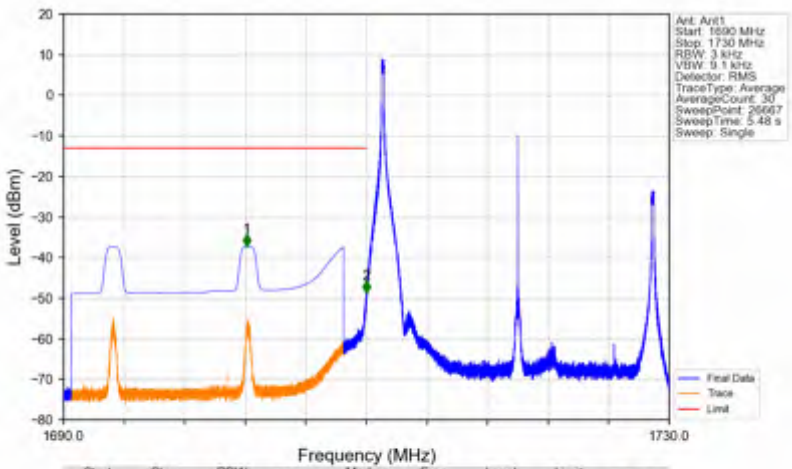
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-46.75	-13	Pass
1756	1775	1	CHP	2	1771.614	-33.34	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



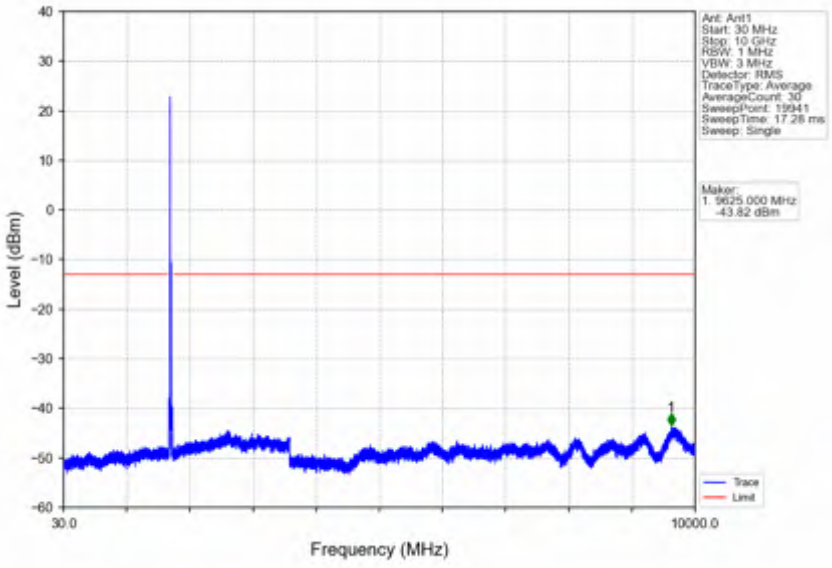
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.480	-31.06	-13	Pass
1756	1775	1	CHP	2	1756.040	-27.48	-13	Pass

Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV

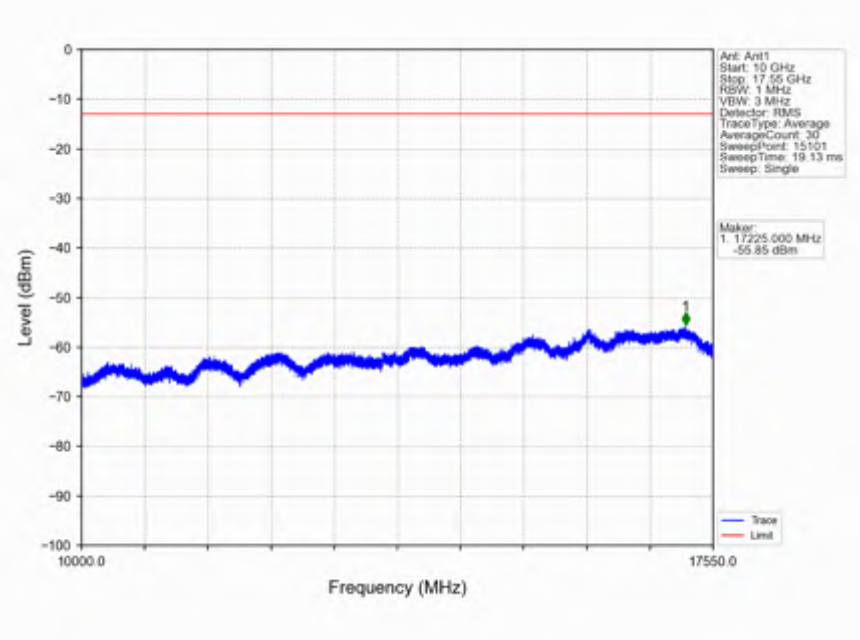


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.095	-37.31	-13	Pass
1709	1710	0.003	/	2	1709.991	-48.82	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

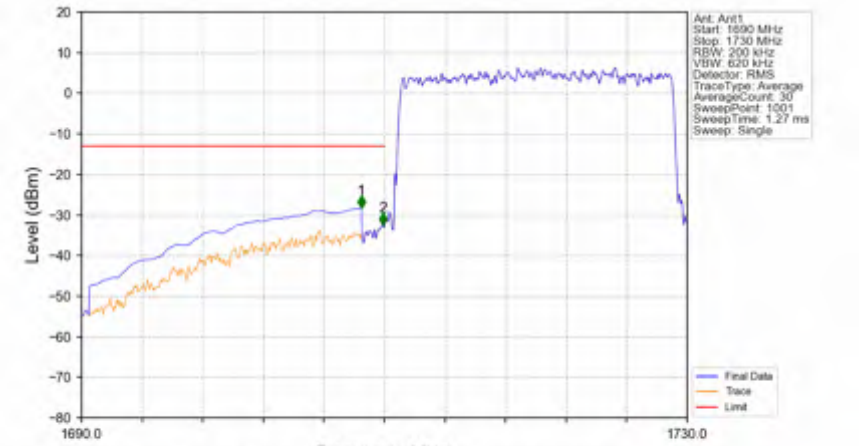
Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV

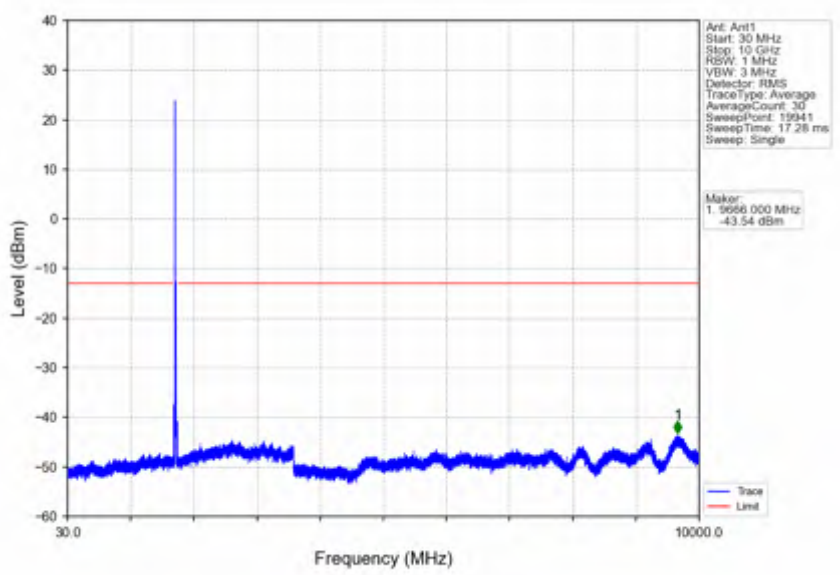


Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV

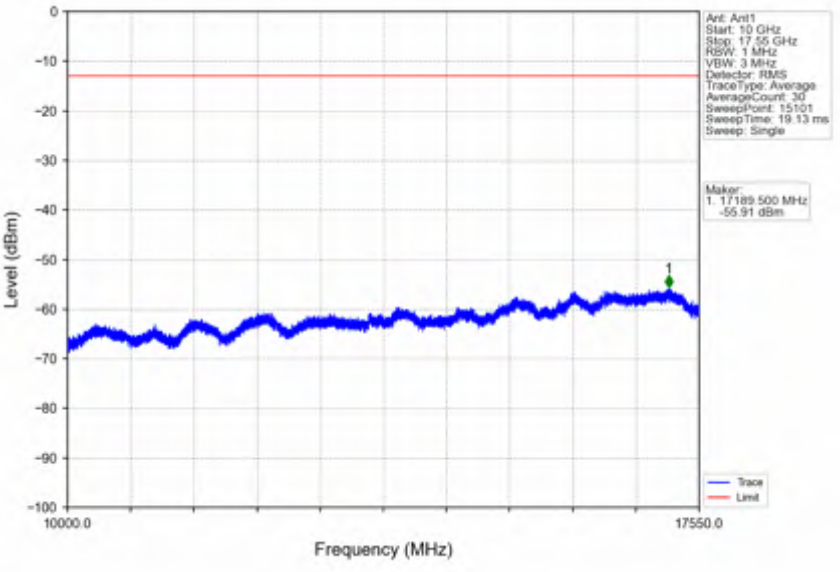


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-28.28	-13	Pass
1709	1710	0.2	/	2	1709.920	-32.59	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

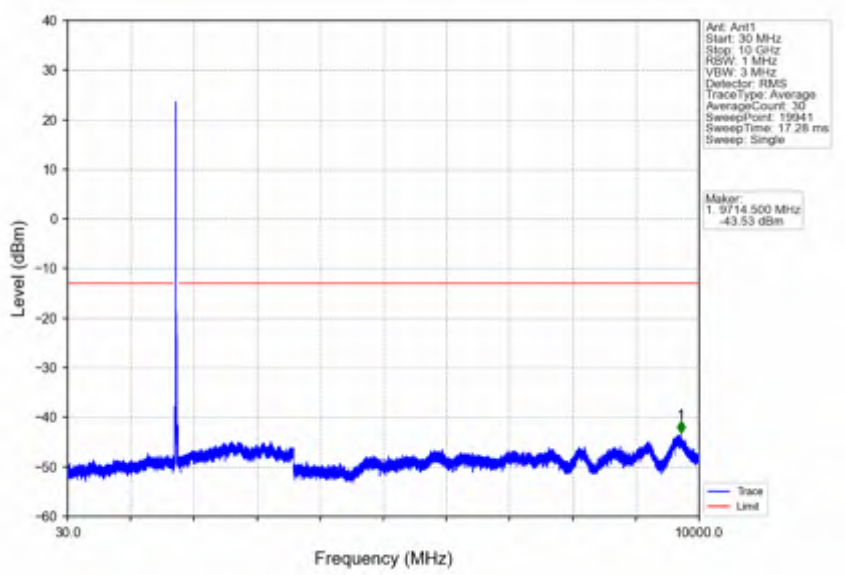
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



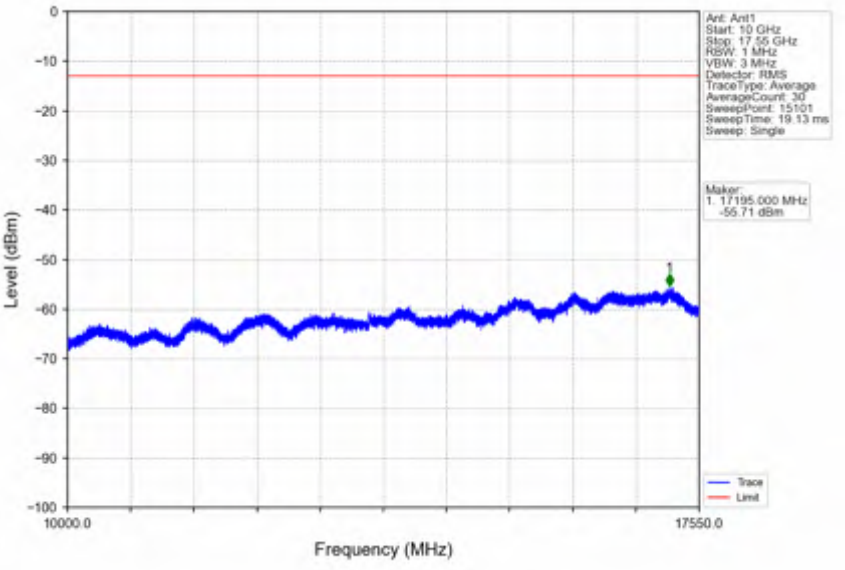
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



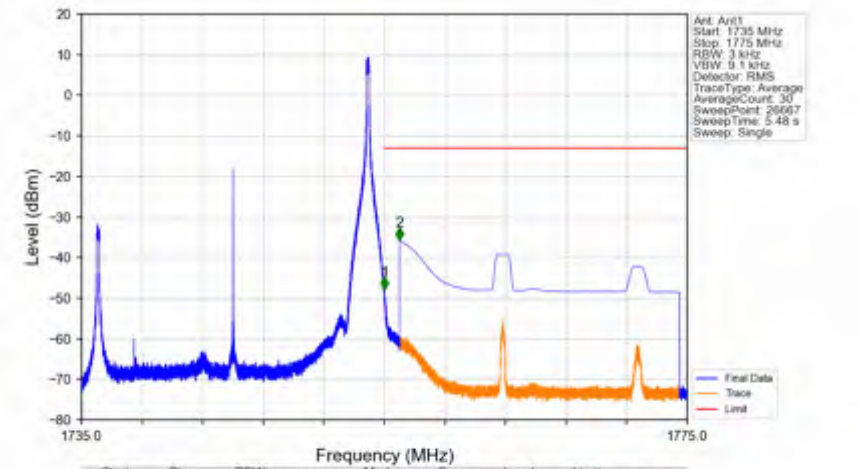
Band4_20MHz_64QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_1_0_NTNV

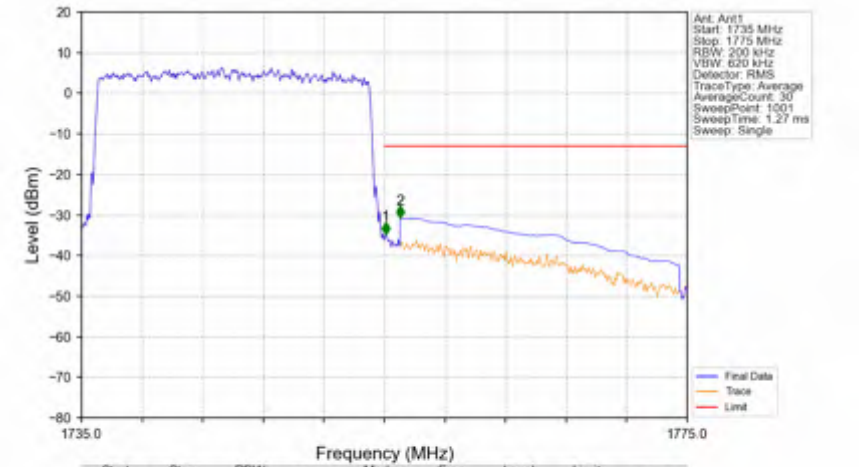


Band4_20MHz_64QAM_HCH_1745MHz_RB_1_99_NTNV



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	1755.007	-47.89	-13	Pass
1756	1775	1	CHP	2	1756.001	-35.75	-13	Pass

Band4_20MHz_64QAM_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	1755.080	-34.76	-13	Pass
1756	1775	1	CHP	2	1756.040	-30.74	-13	Pass