1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP(ANT31)

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	23.32	-0.90	22.42	<=30	Pass
			2	23.32	-0.90	22.42	<=30	Pass
			5	23.26	-0.90	22.36	<=30	Pass
		3	0	23.32	-0.90	22.42	<=30	Pass
			2	23.28	-0.90	22.38	<=30	Pass
			3	23.29	-0.90	22.39	<=30	Pass
		6	0	22.28	-0.90	21.38	<=30	Pass
	1732.5	1	0	22.96	-0.90	22.06	<=30	Pass
			2	23.05	-0.90	22.15	<=30	Pass
			5	22.92	-0.90	22.02	<=30	Pass
		3	0	22.84	-0.90	21.94	<=30	Pass
			2	22.91	-0.90	22.01	<=30	Pass
			3	22.85	-0.90	21.95	<=30	Pass
		6	0	21.91	-0.90	21.01	<=30	Pass
	1754.3	1	0	23.15	-0.90	22.25	<=30	Pass
			2	23.15	-0.90	22.25	<=30	Pass
			5	23.21	-0.90	22.31	<=30	Pass
		3	0	23.18	-0.90	22.28	<=30	Pass
			2	23.16	-0.90	22.26	<=30	Pass
			3	23.17	-0.90	22.27	<=30	Pass
		6	0	22.24	-0.90	21.34	<=30	Pass
16QAM	1710.7	1	0	22.44	-0.90	21.54	<=30	Pass
			2	22.57	-0.90	21.67	<=30	Pass
			5	22.38	-0.90	21.48	<=30	Pass
		3	0	22.30	-0.90	21.40	<=30	Pass
			2	22.24	-0.90	21.34	<=30	Pass
			3	22.26	-0.90	21.36	<=30	Pass
		6	0	21.31	-0.90	20.41	<=30	Pass
	1732.5	1	0	22.19	-0.90	21.29	<=30	Pass
			2	22.24	-0.90	21.34	<=30	Pass
			5	22.07	-0.90	21.17	<=30	Pass
		3	0	21.96	-0.90	21.06	<=30	Pass
			2	21.94	-0.90	21.04	<=30	Pass
			3	21.94	-0.90	21.04	<=30	Pass
		6	0	21.06	-0.90	20.16	<=30	Pass
	1754.3	1	0	22.46	-0.90	21.56	<=30	Pass
			2	22.52	-0.90	21.62	<=30	Pass
			5	22.35	-0.90	21.45	<=30	Pass
		3	0	22.21	-0.90	21.31	<=30	Pass
			2	22.18	-0.90	21.28	<=30	Pass
			3	22.15	-0.90	21.25	<=30	Pass
		6	0	21.30	-0.90	20.40	<=30	Pass
64QAM	1710.7	1	0	21.41	-0.90	20.51	<=30	Pass
			2	21.47	-0.90	20.57	<=30	Pass
			5	21.42	-0.90	20.52	<=30	Pass
		3	0	21.31	-0.90	20.41	<=30	Pass
			2	21.34	-0.90	20.44	<=30	Pass
			3	21.34	-0.90	20.44	<=30	Pass
		6	0	20.25	-0.90	19.35	<=30	Pass

	1732.5	1	0	21.08	-0.90	20.18	<=30	Pass
			2	21.07	-0.90	20.17	<=30	Pass
			5	21.17	-0.90	20.27	<=30	Pass
		3	0	21.08	-0.90	20.18	<=30	Pass
			2	21.00	-0.90	20.10	<=30	Pass
			3	20.89	-0.90	19.99	<=30	Pass
		6	0	19.82	-0.90	18.92	<=30	Pass
	1754.3	1	0	21.30	-0.90	20.40	<=30	Pass
			2	21.45	-0.90	20.55	<=30	Pass
			5	21.26	-0.90	20.36	<=30	Pass
		3	0	21.24	-0.90	20.34	<=30	Pass
			2	21.31	-0.90	20.41	<=30	Pass
			3	21.29	-0.90	20.39	<=30	Pass
		6	0	20.19	-0.90	19.29	<=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	23.30	-0.90	22.40	<=30	Pass
			7	23.26	-0.90	22.36	<=30	Pass
			14	23.16	-0.90	22.26	<=30	Pass
		8	0	22.18	-0.90	21.28	<=30	Pass
			4	21.72	-0.90	20.82	<=30	Pass
			7	22.13	-0.90	21.23	<=30	Pass
		15	0	22.16	-0.90	21.26	<=30	Pass
	1732.5	1	0	22.68	-0.90	21.78	<=30	Pass
			7	21.50	-0.90	20.60	<=30	Pass
			14	21.67	-0.90	20.77	<=30	Pass
		8	0	20.77	-0.90	19.87	<=30	Pass
			4	20.76	-0.90	19.86	<=30	Pass
			7	20.76	-0.90	19.86	<=30	Pass
		15	0	21.65	-0.90	20.75	<=30	Pass
	1753.5	1	0	23.07	-0.90	22.17	<=30	Pass
			7	23.14	-0.90	22.24	<=30	Pass
			14	23.05	-0.90	22.15	<=30	Pass
		8	0	22.19	-0.90	21.29	<=30	Pass
			4	22.18	-0.90	21.28	<=30	Pass
			7	22.15	-0.90	21.25	<=30	Pass
		15	0	22.16	-0.90	21.26	<=30	Pass
16QAM	1711.5	1	0	22.45	-0.90	21.55	<=30	Pass
			7	22.45	-0.90	21.55	<=30	Pass
			14	22.31	-0.90	21.41	<=30	Pass
		8	0	21.31	-0.90	20.41	<=30	Pass
			4	21.22	-0.90	20.32	<=30	Pass
			7	21.29	-0.90	20.39	<=30	Pass
		15	0	21.19	-0.90	20.29	<=30	Pass
	1732.5	1	0	22.13	-0.90	21.23	<=30	Pass
			7	22.05	-0.90	21.15	<=30	Pass
			14	22.15	-0.90	21.25	<=30	Pass
		8	0	20.92	-0.90	20.02	<=30	Pass
			4	20.94	-0.90	20.04	<=30	Pass
			7	20.91	-0.90	20.01	<=30	Pass

		15	0	20.92	-0.90	20.02	<=30	Pass
	1753.5	1	0	22.40	-0.90	21.50	<=30	Pass
			7	22.48	-0.90	21.58	<=30	Pass
			14	22.35	-0.90	21.45	<=30	Pass
		8	0	21.21	-0.90	20.31	<=30	Pass
			4	21.19	-0.90	20.29	<=30	Pass
			7	21.15	-0.90	20.25	<=30	Pass
		15	0	21.16	-0.90	20.26	<=30	Pass
64QAM	1711.5	1	0	20.27	-0.90	19.37	<=30	Pass
			7	21.29	-0.90	20.39	<=30	Pass
			14	21.48	-0.90	20.58	<=30	Pass
		8	0	20.06	-0.90	19.16	<=30	Pass
			4	20.18	-0.90	19.28	<=30	Pass
			7	20.22	-0.90	19.32	<=30	Pass
		15	0	20.07	-0.90	19.17	<=30	Pass
	1732.5	1	0	21.15	-0.90	20.25	<=30	Pass
			7	21.07	-0.90	20.17	<=30	Pass
			14	21.11	-0.90	20.21	<=30	Pass
		8	0	19.87	-0.90	18.97	<=30	Pass
			4	19.88	-0.90	18.98	<=30	Pass
			7	19.90	-0.90	19.00	<=30	Pass
		15	0	19.88	-0.90	18.98	<=30	Pass
	1753.5	1	0	21.33	-0.90	20.43	<=30	Pass
			7	21.30	-0.90	20.40	<=30	Pass
			14	21.34	-0.90	20.44	<=30	Pass
		8	0	20.21	-0.90	19.31	<=30	Pass
			4	20.22	-0.90	19.32	<=30	Pass
			7	20.20	-0.90	19.30	<=30	Pass
		15	0	20.16	-0.90	19.26	<=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	23.27	-0.90	22.37	<=30	Pass
			13	23.22	-0.90	22.32	<=30	Pass
			24	23.26	-0.90	22.36	<=30	Pass
		12	0	22.30	-0.90	21.40	<=30	Pass
			6	22.26	-0.90	21.36	<=30	Pass
			13	22.26	-0.90	21.36	<=30	Pass
		25	0	22.36	-0.90	21.46	<=30	Pass
	1732.5	1	0	23.08	-0.90	22.18	<=30	Pass
			13	22.88	-0.90	21.98	<=30	Pass
			24	22.90	-0.90	22.00	<=30	Pass
		12	0	22.01	-0.90	21.11	<=30	Pass
			6	21.94	-0.90	21.04	<=30	Pass
			13	22.02	-0.90	21.12	<=30	Pass
		25	0	21.98	-0.90	21.08	<=30	Pass
	1752.5	1	0	23.17	-0.90	22.27	<=30	Pass
			13	23.08	-0.90	22.18	<=30	Pass
			24	23.19	-0.90	22.29	<=30	Pass
		12	0	22.24	-0.90	21.34	<=30	Pass
			6	22.22	-0.90	21.32	<=30	Pass

			13	22.32	-0.90	21.42	<=30	Pass
		25	0	22.24	-0.90	21.34	<=30	Pass
16QAM	1712.5	1	0	22.57	-0.90	21.67	<=30	Pass
			13	22.33	-0.90	21.43	<=30	Pass
			24	22.52	-0.90	21.62	<=30	Pass
		12	0	21.30	-0.90	20.40	<=30	Pass
			6	21.32	-0.90	20.42	<=30	Pass
			13	21.25	-0.90	20.35	<=30	Pass
		25	0	21.35	-0.90	20.45	<=30	Pass
	1732.5	1	0	22.39	-0.90	21.49	<=30	Pass
			13	22.15	-0.90	21.25	<=30	Pass
			24	22.26	-0.90	21.36	<=30	Pass
		12	0	21.00	-0.90	20.10	<=30	Pass
			6	21.10	-0.90	20.20	<=30	Pass
			13	20.98	-0.90	20.08	<=30	Pass
		25	0	21.03	-0.90	20.13	<=30	Pass
	1752.5	1	0	22.36	-0.90	21.46	<=30	Pass
			13	22.68	-0.90	21.78	<=30	Pass
			24	22.56	-0.90	21.66	<=30	Pass
		12	0	21.23	-0.90	20.33	<=30	Pass
			6	21.22	-0.90	20.32	<=30	Pass
			13	21.26	-0.90	20.36	<=30	Pass
		25	0	21.25	-0.90	20.35	<=30	Pass
64QAM	1712.5	1	0	21.53	-0.90	20.63	<=30	Pass
			13	21.36	-0.90	20.46	<=30	Pass
			24	21.49	-0.90	20.59	<=30	Pass
		12	0	20.31	-0.90	19.41	<=30	Pass
			6	20.34	-0.90	19.44	<=30	Pass
			13	20.27	-0.90	19.37	<=30	Pass
		25	0	20.35	-0.90	19.45	<=30	Pass
	1732.5	1	0	21.18	-0.90	20.28	<=30	Pass
			13	21.17	-0.90	20.27	<=30	Pass
			24	21.15	-0.90	20.25	<=30	Pass
		12	0	19.95	-0.90	19.05	<=30	Pass
			6	19.91	-0.90	19.01	<=30	Pass
			13	19.95	-0.90	19.05	<=30	Pass
		25	0	19.93	-0.90	19.03	<=30	Pass
	1752.5	1	0	21.36	-0.90	20.46	<=30	Pass
			13	21.44	-0.90	20.54	<=30	Pass
			24	21.42	-0.90	20.52	<=30	Pass
		12	0	20.20	-0.90	19.30	<=30	Pass
			6	20.19	-0.90	19.29	<=30	Pass
			13	20.24	-0.90	19.34	<=30	Pass
		25	0	20.17	-0.90	19.27	<=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	23.41	-0.90	22.51	<=30	Pass
			25	23.22	-0.90	22.32	<=30	Pass
			49	23.24	-0.90	22.34	<=30	Pass
		25	0	22.34	-0.90	21.44	<=30	Pass

			13	22.36	-0.90	21.46	<=30	Pass
			25	22.25	-0.90	21.35	<=30	Pass
		50	0	22.31	-0.90	21.41	<=30	Pass
	1732.5	1	0	22.99	-0.90	22.09	<=30	Pass
			25	23.00	-0.90	22.10	<=30	Pass
			49	23.03	-0.90	22.13	<=30	Pass
		25	0	22.09	-0.90	21.19	<=30	Pass
			13	22.03	-0.90	21.13	<=30	Pass
			25	22.08	-0.90	21.18	<=30	Pass
		50	0	22.04	-0.90	21.14	<=30	Pass
	1750	1	0	23.12	-0.90	22.22	<=30	Pass
			25	23.11	-0.90	22.21	<=30	Pass
			49	23.27	-0.90	22.37	<=30	Pass
		25	0	22.25	-0.90	21.35	<=30	Pass
			13	22.30	-0.90	21.40	<=30	Pass
			25	22.28	-0.90	21.38	<=30	Pass
		50	0	22.27	-0.90	21.37	<=30	Pass
16QAM	1715	1	0	22.59	-0.90	21.69	<=30	Pass
			25	22.57	-0.90	21.67	<=30	Pass
			49	22.44	-0.90	21.54	<=30	Pass
		25	0	21.32	-0.90	20.42	<=30	Pass
			13	21.30	-0.90	20.40	<=30	Pass
			25	21.26	-0.90	20.36	<=30	Pass
		50	0	21.27	-0.90	20.37	<=30	Pass
	1732.5	1	0	22.26	-0.90	21.36	<=30	Pass
			25	22.30	-0.90	21.40	<=30	Pass
			49	22.23	-0.90	21.33	<=30	Pass
		25	0	21.04	-0.90	20.14	<=30	Pass
			13	21.05	-0.90	20.15	<=30	Pass
			25	20.96	-0.90	20.06	<=30	Pass
		50	0	21.05	-0.90	20.15	<=30	Pass
	1750	1	0	22.39	-0.90	21.49	<=30	Pass
			25	22.45	-0.90	21.55	<=30	Pass
			49	22.50	-0.90	21.60	<=30	Pass
		25	0	21.23	-0.90	20.33	<=30	Pass
			13	21.15	-0.90	20.25	<=30	Pass
			25	21.24	-0.90	20.34	<=30	Pass
		50	0	21.19	-0.90	20.29	<=30	Pass
64QAM	1715	1	0	21.43	-0.90	20.53	<=30	Pass
			25	21.47	-0.90	20.57	<=30	Pass
			49	21.47	-0.90	20.57	<=30	Pass
		25	0	20.28	-0.90	19.38	<=30	Pass
			13	20.17	-0.90	19.27	<=30	Pass
			25	20.26	-0.90	19.36	<=30	Pass
		50	0	20.19	-0.90	19.29	<=30	Pass
	1732.5	1	0	21.24	-0.90	20.34	<=30	Pass
			25	21.27	-0.90	20.37	<=30	Pass
			49	21.09	-0.90	20.19	<=30	Pass
		25	0	19.86	-0.90	18.96	<=30	Pass
			13	19.91	-0.90	19.01	<=30	Pass
			25	19.86	-0.90	18.96	<=30	Pass
		50	0	19.88	-0.90	18.98	<=30	Pass
	1750	1	0	21.32	-0.90	20.42	<=30	Pass
			25	21.40	-0.90	20.50	<=30	Pass
			49	21.45	-0.90	20.55	<=30	Pass
		25	0	20.19	-0.90	19.29	<=30	Pass
			13	20.11	-0.90	19.21	<=30	Pass
			25	20.15	-0.90	19.25	<=30	Pass
		50	0	20.09	-0.90	19.19	<=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	23.28	-0.90	22.38	<=30	Pass
			38	23.38	-0.90	22.48	<=30	Pass
			74	23.21	-0.90	22.31	<=30	Pass
		36	0	22.33	-0.90	21.43	<=30	Pass
			18	22.30	-0.90	21.40	<=30	Pass
			39	22.22	-0.90	21.32	<=30	Pass
		75	0	22.32	-0.90	21.42	<=30	Pass
	1732.5	1	0	23.12	-0.90	22.22	<=30	Pass
			38	23.02	-0.90	22.12	<=30	Pass
			74	23.09	-0.90	22.19	<=30	Pass
		36	0	22.10	-0.90	21.20	<=30	Pass
			18	22.06	-0.90	21.16	<=30	Pass
			39	22.08	-0.90	21.18	<=30	Pass
		75	0	22.11	-0.90	21.21	<=30	Pass
	1747.5	1	0	23.09	-0.90	22.19	<=30	Pass
			38	23.20	-0.90	22.30	<=30	Pass
			74	23.20	-0.90	22.30	<=30	Pass
		36	0	22.19	-0.90	21.29	<=30	Pass
			18	22.14	-0.90	21.24	<=30	Pass
			39	22.31	-0.90	21.41	<=30	Pass
		75	0	22.23	-0.90	21.33	<=30	Pass
16QAM	1717.5	1	0	22.51	-0.90	21.61	<=30	Pass
			38	22.62	-0.90	21.72	<=30	Pass
			74	22.30	-0.90	21.40	<=30	Pass
		36	0	21.36	-0.90	20.46	<=30	Pass
			18	21.27	-0.90	20.37	<=30	Pass
			39	21.30	-0.90	20.40	<=30	Pass
		75	0	21.25	-0.90	20.35	<=30	Pass
	1732.5	1	0	22.31	-0.90	21.41	<=30	Pass
			38	22.06	-0.90	21.16	<=30	Pass
			74	22.34	-0.90	21.44	<=30	Pass
		36	0	20.90	-0.90	20.00	<=30	Pass
			18	21.03	-0.90	20.13	<=30	Pass
			39	21.01	-0.90	20.11	<=30	Pass
		75	0	21.11	-0.90	20.21	<=30	Pass
	1747.5	1	0	22.39	-0.90	21.49	<=30	Pass
			38	22.45	-0.90	21.55	<=30	Pass
			74	22.64	-0.90	21.74	<=30	Pass
		36	0	21.00	-0.90	20.10	<=30	Pass
			18	21.17	-0.90	20.27	<=30	Pass
			39	21.20	-0.90	20.30	<=30	Pass
		75	0	20.97	-0.90	20.07	<=30	Pass
64QAM	1717.5	1	0	21.52	-0.90	20.62	<=30	Pass
			38	21.52	-0.90	20.62	<=30	Pass
			74	21.34	-0.90	20.44	<=30	Pass
		36	0	20.32	-0.90	19.42	<=30	Pass
			18	20.20	-0.90	19.30	<=30	Pass
			39	20.23	-0.90	19.33	<=30	Pass

		75	0	20.27	-0.90	19.37	<=30	Pass
	1732.5	1	0	21.32	-0.90	20.42	<=30	Pass
			38	21.26	-0.90	20.36	<=30	Pass
			74	21.30	-0.90	20.40	<=30	Pass
		36	0	19.92	-0.90	19.02	<=30	Pass
			18	19.92	-0.90	19.02	<=30	Pass
			39	19.94	-0.90	19.04	<=30	Pass
		75	0	19.91	-0.90	19.01	<=30	Pass
	1747.5	1	0	21.17	-0.90	20.27	<=30	Pass
			38	21.29	-0.90	20.39	<=30	Pass
			74	21.38	-0.90	20.48	<=30	Pass
		36	0	20.10	-0.90	19.20	<=30	Pass
			18	20.08	-0.90	19.18	<=30	Pass
			39	20.14	-0.90	19.24	<=30	Pass
		75	0	20.08	-0.90	19.18	<=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	23.28	-0.90	22.38	<=30	Pass
			50	23.38	-0.90	22.48	<=30	Pass
			99	23.05	-0.90	22.15	<=30	Pass
		50	0	22.36	-0.90	21.46	<=30	Pass
			25	22.34	-0.90	21.44	<=30	Pass
			50	22.24	-0.90	21.34	<=30	Pass
		100	0	22.33	-0.90	21.43	<=30	Pass
	1732.5	1	0	23.10	-0.90	22.20	<=30	Pass
			50	22.99	-0.90	22.09	<=30	Pass
			99	23.08	-0.90	22.18	<=30	Pass
		50	0	22.16	-0.90	21.26	<=30	Pass
			25	22.04	-0.90	21.14	<=30	Pass
			50	22.15	-0.90	21.25	<=30	Pass
		100	0	22.12	-0.90	21.22	<=30	Pass
	1745	1	0	22.98	-0.90	22.08	<=30	Pass
			50	23.19	-0.90	22.29	<=30	Pass
			99	23.33	-0.90	22.43	<=30	Pass
		50	0	22.15	-0.90	21.25	<=30	Pass
			25	22.27	-0.90	21.37	<=30	Pass
			50	22.26	-0.90	21.36	<=30	Pass
		100	0	22.24	-0.90	21.34	<=30	Pass
16QAM	1720	1	0	22.55	-0.90	21.65	<=30	Pass
			50	22.43	-0.90	21.53	<=30	Pass
			99	22.43	-0.90	21.53	<=30	Pass
		50	0	21.27	-0.90	20.37	<=30	Pass
			25	21.32	-0.90	20.42	<=30	Pass
			50	21.16	-0.90	20.26	<=30	Pass
		100	0	21.23	-0.90	20.33	<=30	Pass
	1732.5	1	0	22.43	-0.90	21.53	<=30	Pass
			50	22.41	-0.90	21.51	<=30	Pass
			99	22.35	-0.90	21.45	<=30	Pass
		50	0	21.12	-0.90	20.22	<=30	Pass
			25	21.03	-0.90	20.13	<=30	Pass

			50	21.14	-0.90	20.24	<=30	Pass
		100	0	21.12	-0.90	20.22	<=30	Pass
	1745	1	0	22.20	-0.90	21.30	<=30	Pass
			50	22.39	-0.90	21.49	<=30	Pass
			99	22.52	-0.90	21.62	<=30	Pass
		50	0	21.16	-0.90	20.26	<=30	Pass
			25	21.18	-0.90	20.28	<=30	Pass
			50	21.31	-0.90	20.41	<=30	Pass
		100	0	21.22	-0.90	20.32	<=30	Pass
64QAM	1720	1	0	21.46	-0.90	20.56	<=30	Pass
			50	21.43	-0.90	20.53	<=30	Pass
			99	21.33	-0.90	20.43	<=30	Pass
		50	0	20.29	-0.90	19.39	<=30	Pass
			25	20.23	-0.90	19.33	<=30	Pass
			50	20.08	-0.90	19.18	<=30	Pass
		100	0	20.11	-0.90	19.21	<=30	Pass
	1732.5	1	0	21.37	-0.90	20.47	<=30	Pass
			50	21.28	-0.90	20.38	<=30	Pass
			99	21.29	-0.90	20.39	<=30	Pass
		50	0	19.93	-0.90	19.03	<=30	Pass
			25	19.73	-0.90	18.83	<=30	Pass
			50	19.93	-0.90	19.03	<=30	Pass
		100	0	19.95	-0.90	19.05	<=30	Pass
	1745	1	0	21.13	-0.90	20.23	<=30	Pass
			50	21.20	-0.90	20.30	<=30	Pass
			99	21.43	-0.90	20.53	<=30	Pass
		50	0	19.94	-0.90	19.04	<=30	Pass
			25	20.12	-0.90	19.22	<=30	Pass
			50	20.14	-0.90	19.24	<=30	Pass
		100	0	20.00	-0.90	19.10	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B4_20MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.7	1.900	0.0011	/	Pass
					3.91	1.000	0.0006	/	Pass
					4.4	-7.500	-0.0044	/	Pass
				-30	3.91	-5.000	-0.0029	/	Pass
				-20	3.91	-6.600	-0.0038	/	Pass
				-10	3.91	-5.800	-0.0034	/	Pass
				0	3.91	8.100	0.0047	/	Pass
				10	3.91	4.900	0.0028	/	Pass
				30	3.91	-7.700	-0.0045	/	Pass
				40	3.91	5.000	0.0029	/	Pass
				50	3.91	4.100	0.0024	/	Pass
	1732.5	100	0	20	3.7	-3.800	-0.0022	/	Pass
					3.91	3.600	0.0021	/	Pass
					4.4	4.400	0.0025	/	Pass
				-30	3.91	4.800	0.0028	/	Pass

				-20	3.91	-4.500	-0.0026	/	Pass
				-10	3.91	1.300	0.0008	/	Pass
				0	3.91	-3.600	-0.0021	/	Pass
				10	3.91	3.100	0.0018	/	Pass
				30	3.91	-3.600	-0.0021	/	Pass
				40	3.91	2.700	0.0016	/	Pass
				50	3.91	-4.900	-0.0028	/	Pass
	1745	100	0	20	3.7	-7.800	-0.0045	/	Pass
					3.91	7.800	0.0045	/	Pass
					4.4	4.900	0.0028	/	Pass
				-30	3.91	1.100	0.0006	/	Pass
				-20	3.91	3.900	0.0022	/	Pass
				-10	3.91	-2.000	-0.0011	/	Pass
				0	3.91	2.100	0.0012	/	Pass
				10	3.91	-5.400	-0.0031	/	Pass
				30	3.91	-3.700	-0.0021	/	Pass
				40	3.91	6.600	0.0038	/	Pass
				50	3.91	1.100	0.0006	/	Pass

3. 99% & 26dB Bandwidth

3.1 Band4_OBW

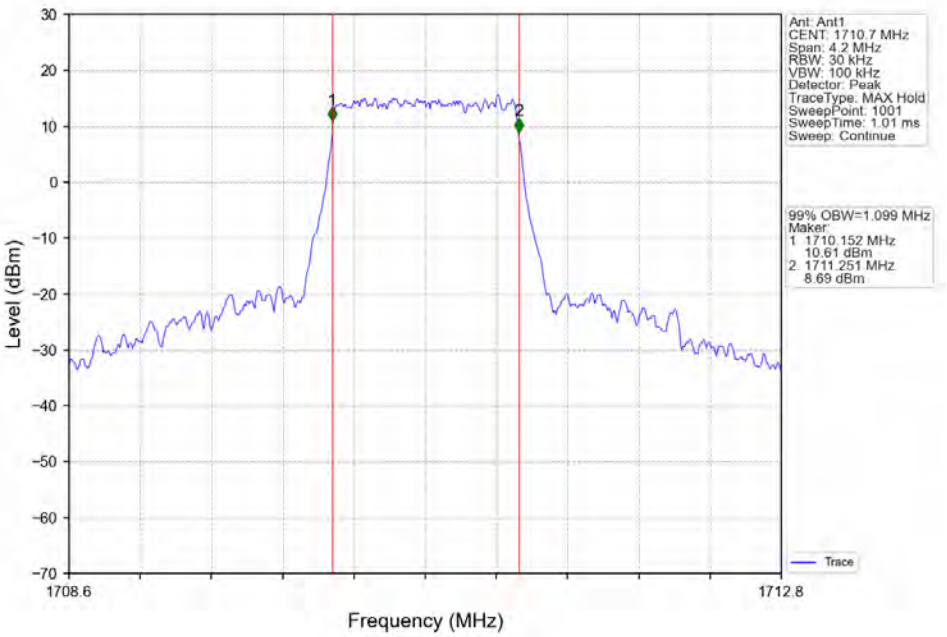
3.1.1 Test Result

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	1.099	/	Pass
		1732.5	6	0	1.098	/	Pass
		1754.3	6	0	1.096	/	Pass
	16QAM	1710.7	6	0	1.100	/	Pass
		1732.5	6	0	1.095	/	Pass
		1754.3	6	0	1.097	/	Pass
	64QAM	1710.7	6	0	1.099	/	Pass
		1732.5	6	0	1.101	/	Pass
		1754.3	6	0	1.096	/	Pass
3	QPSK	1711.5	15	0	2.743	/	Pass
		1732.5	15	0	2.735	/	Pass
		1753.5	15	0	2.723	/	Pass
	16QAM	1711.5	15	0	2.727	/	Pass
		1732.5	15	0	2.724	/	Pass
		1753.5	15	0	2.720	/	Pass
	64QAM	1711.5	15	0	2.728	/	Pass
		1732.5	15	0	2.734	/	Pass
		1753.5	15	0	2.724	/	Pass
5	QPSK	1712.5	25	0	4.504	/	Pass
		1732.5	25	0	4.506	/	Pass
		1752.5	25	0	4.507	/	Pass
	16QAM	1712.5	25	0	4.493	/	Pass
		1732.5	25	0	4.503	/	Pass
		1752.5	25	0	4.498	/	Pass
	64QAM	1712.5	25	0	4.513	/	Pass
		1732.5	25	0	4.508	/	Pass
		1752.5	25	0	4.507	/	Pass
10	QPSK	1715	50	0	9.005	/	Pass

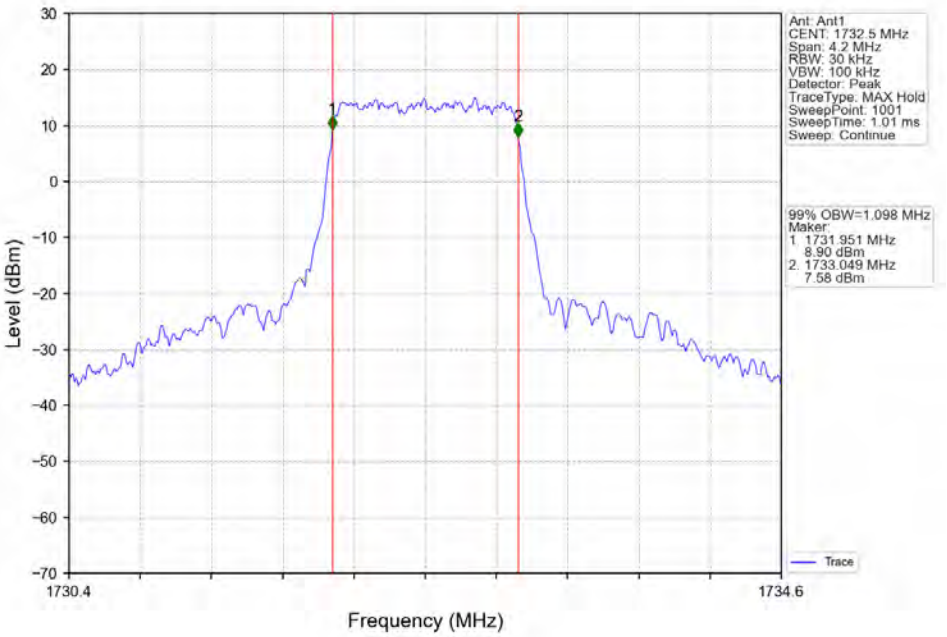
		1732.5	50	0	9.004	/	Pass
		1750	50	0	9.020	/	Pass
	16QAM	1715	50	0	8.994	/	Pass
		1732.5	50	0	9.003	/	Pass
		1750	50	0	8.958	/	Pass
	64QAM	1715	50	0	9.009	/	Pass
		1732.5	50	0	8.998	/	Pass
		1750	50	0	8.977	/	Pass
15	QPSK	1717.5	75	0	13.494	/	Pass
		1732.5	75	0	13.495	/	Pass
		1747.5	75	0	13.521	/	Pass
	16QAM	1717.5	75	0	13.502	/	Pass
		1732.5	75	0	13.474	/	Pass
		1747.5	75	0	13.476	/	Pass
	64QAM	1717.5	75	0	13.495	/	Pass
		1732.5	75	0	13.454	/	Pass
		1747.5	75	0	13.482	/	Pass
20	QPSK	1720	100	0	18.022	/	Pass
		1732.5	100	0	18.026	/	Pass
		1745	100	0	18.008	/	Pass
	16QAM	1720	100	0	18.056	/	Pass
		1732.5	100	0	18.018	/	Pass
		1745	100	0	18.049	/	Pass
	64QAM	1720	100	0	18.057	/	Pass
		1732.5	100	0	18.048	/	Pass
		1745	100	0	18.025	/	Pass

3.1.2 Test Graph

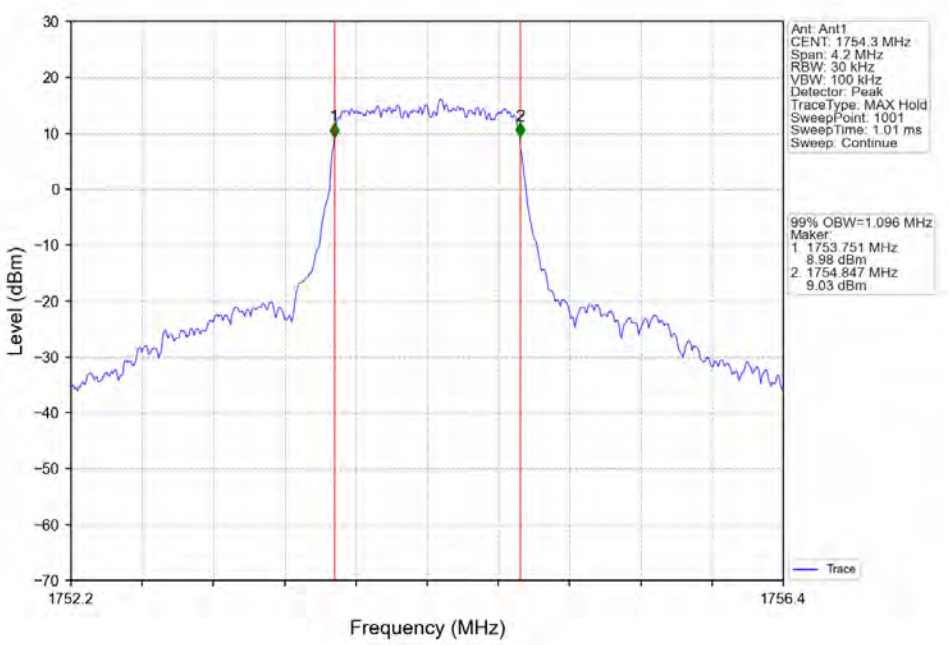
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



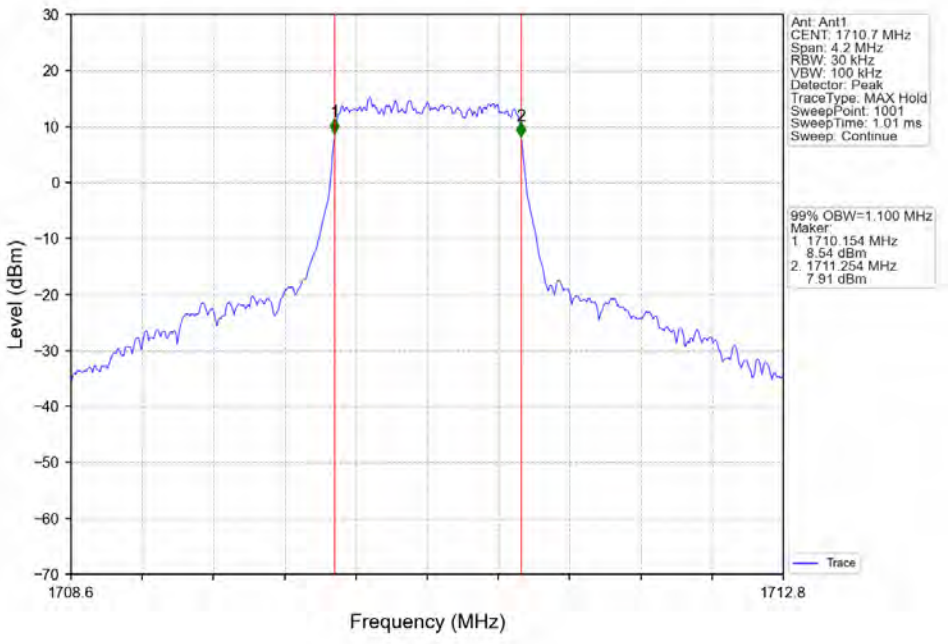
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



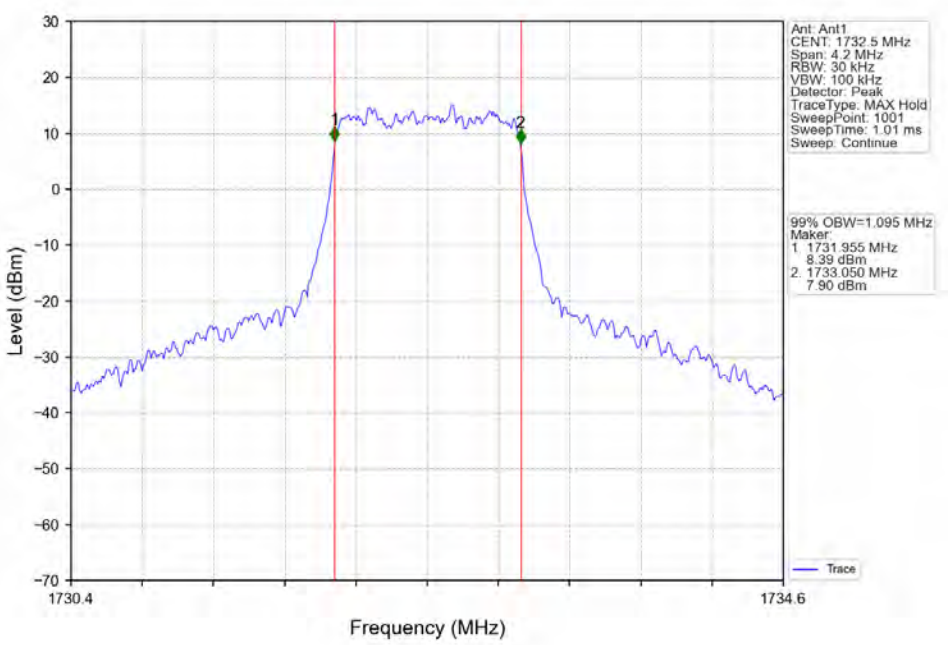
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



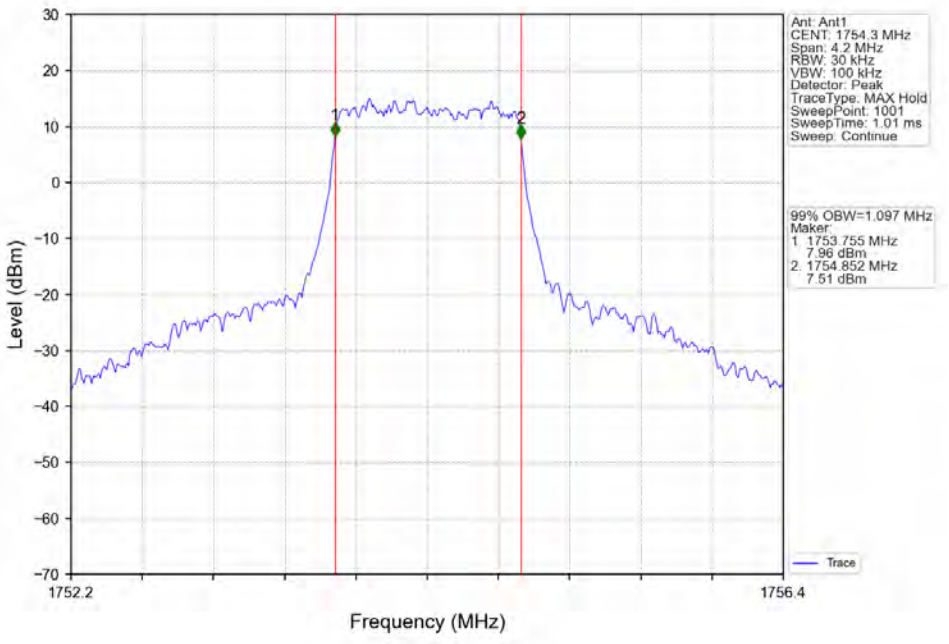
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



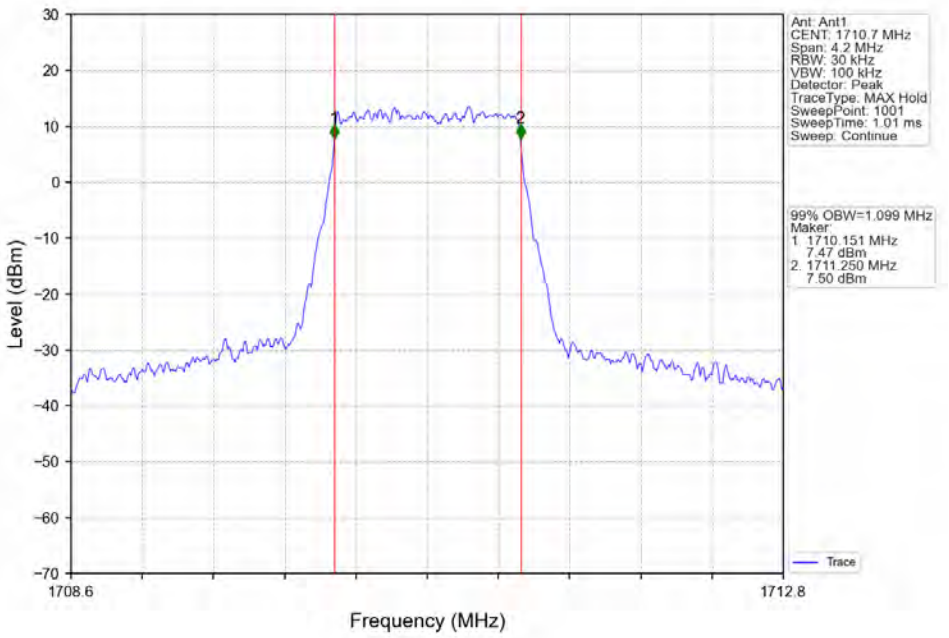
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



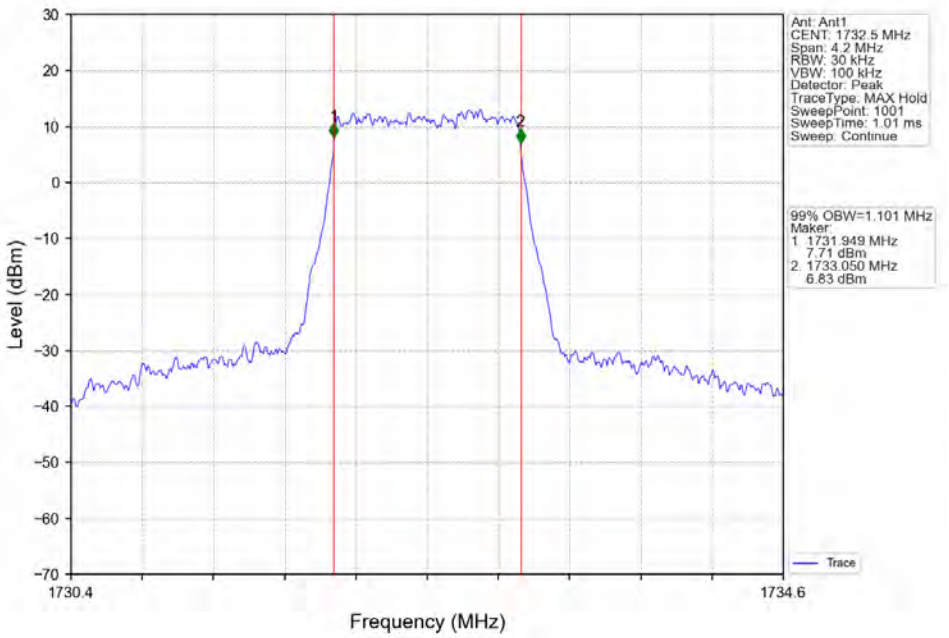
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



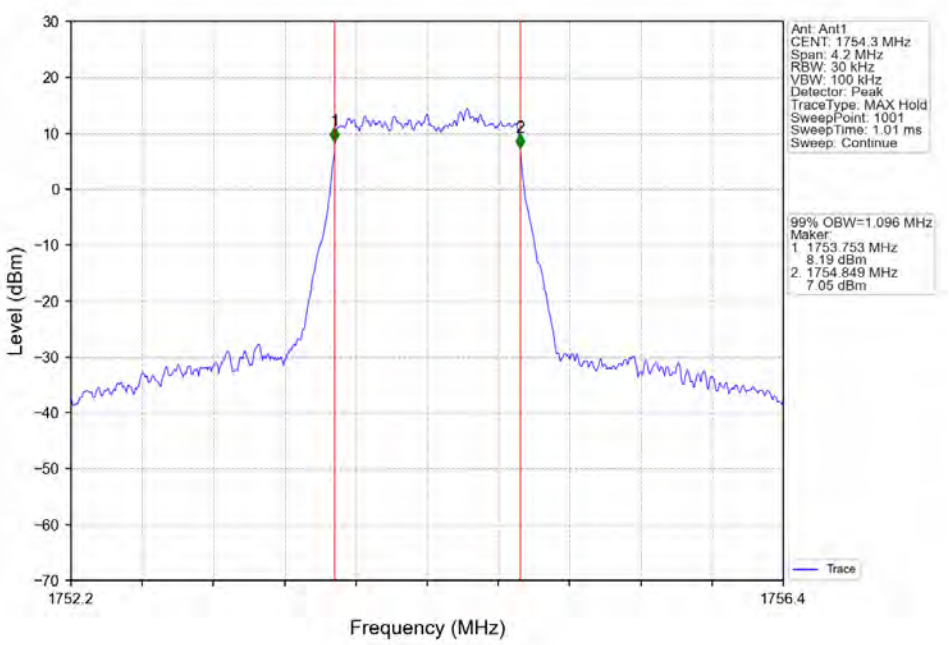
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



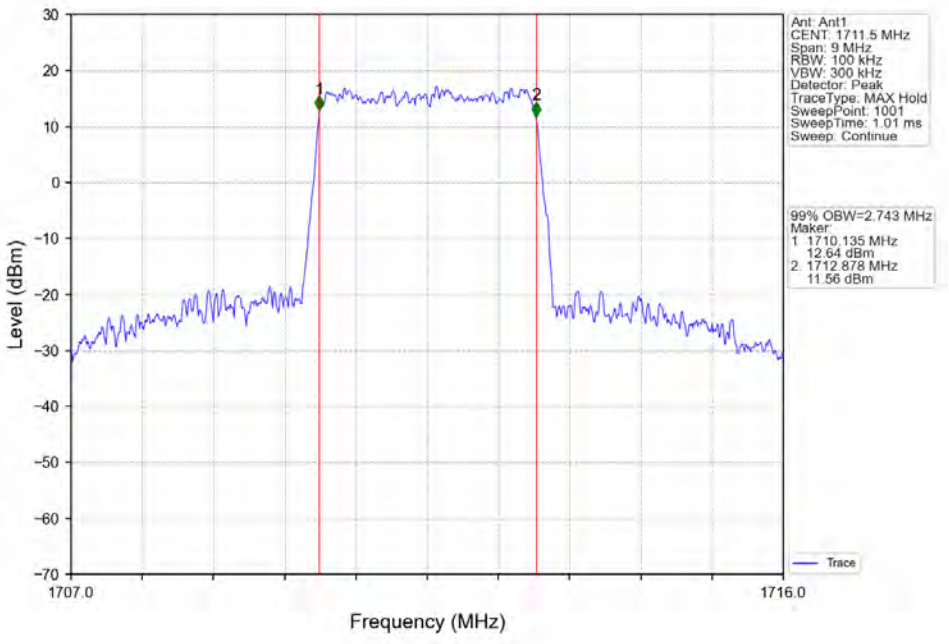
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



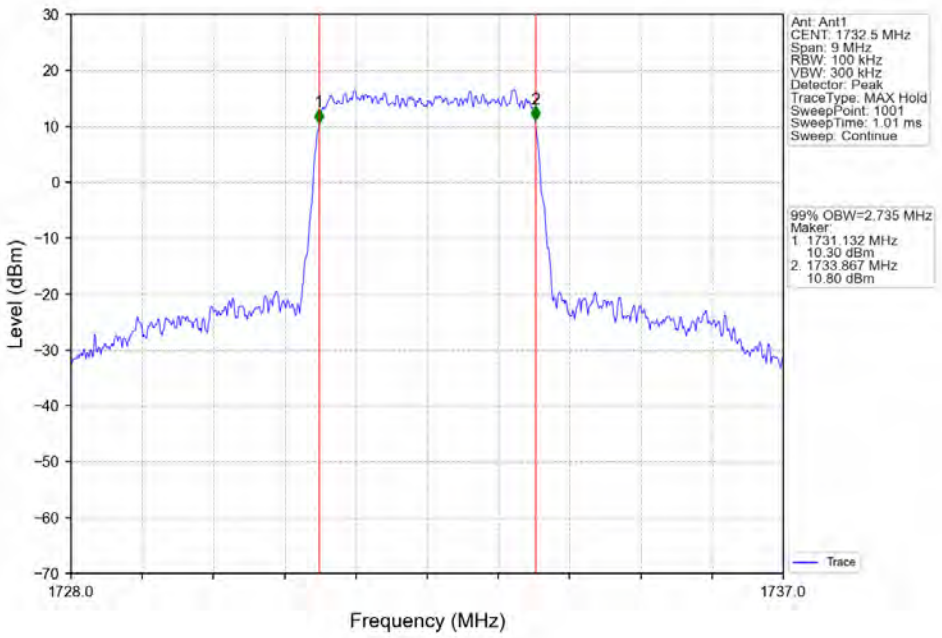
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



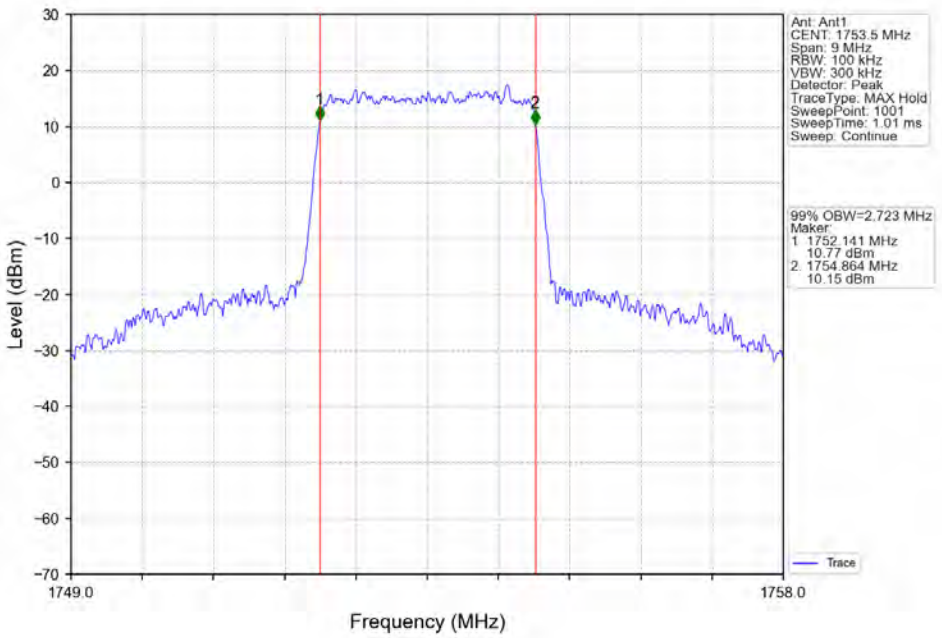
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



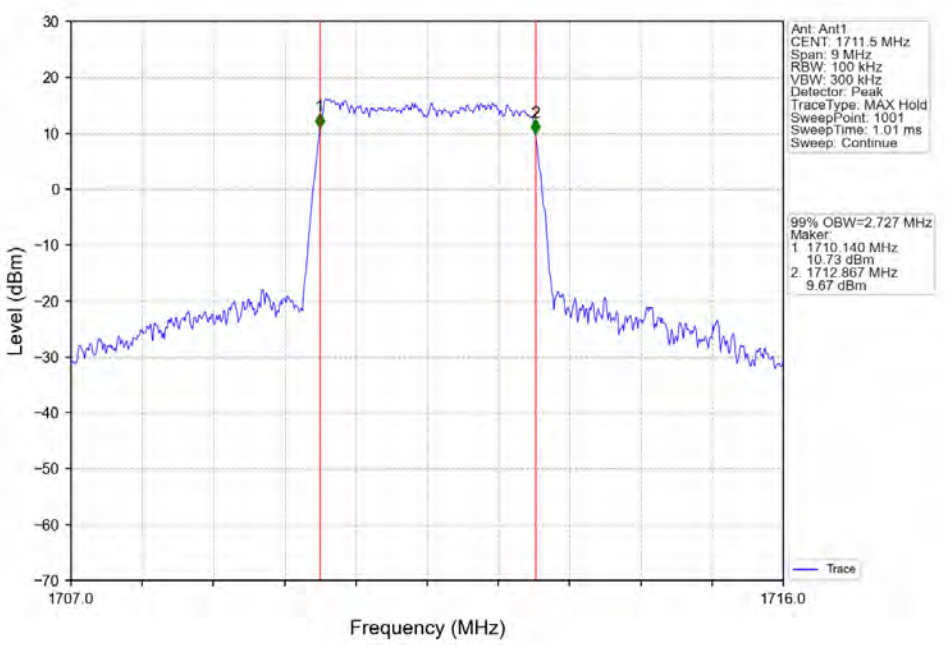
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



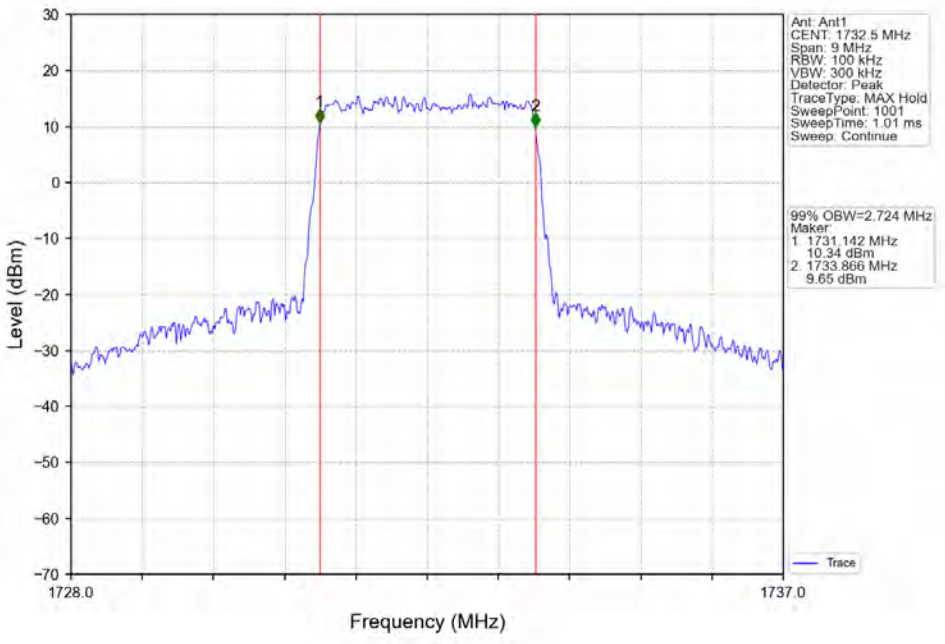
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



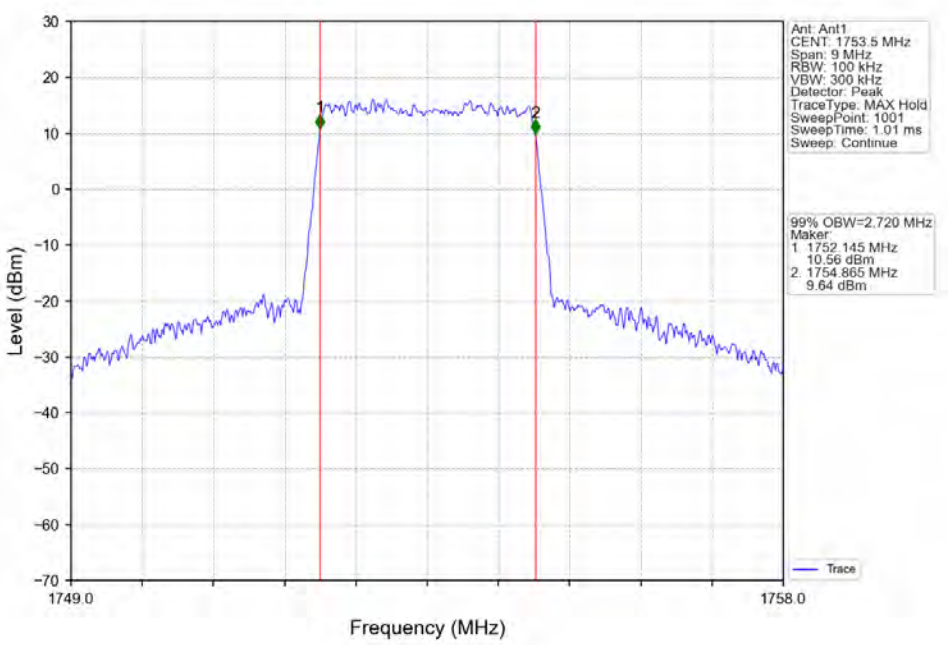
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



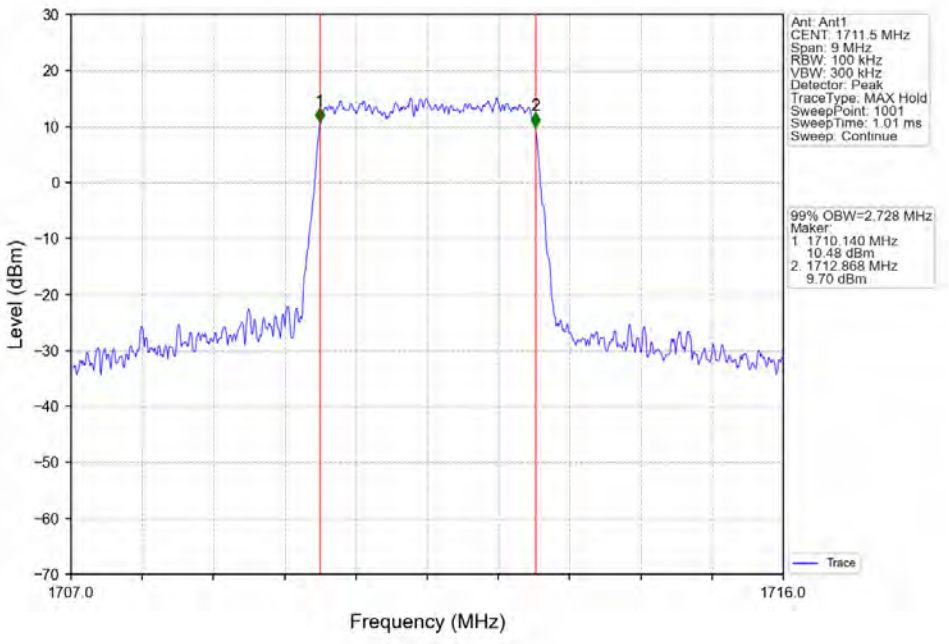
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



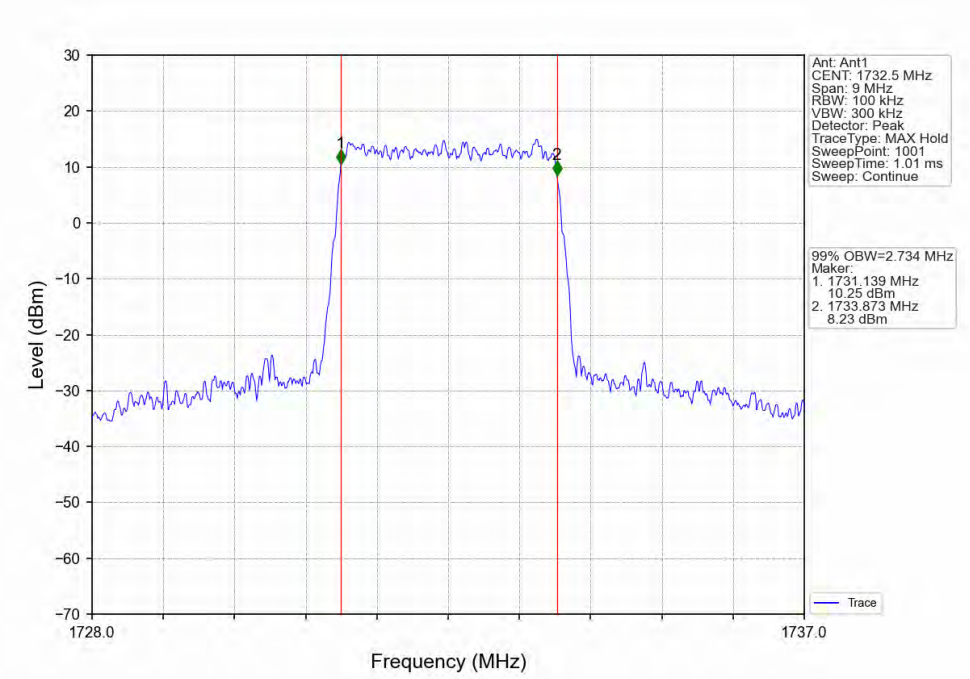
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



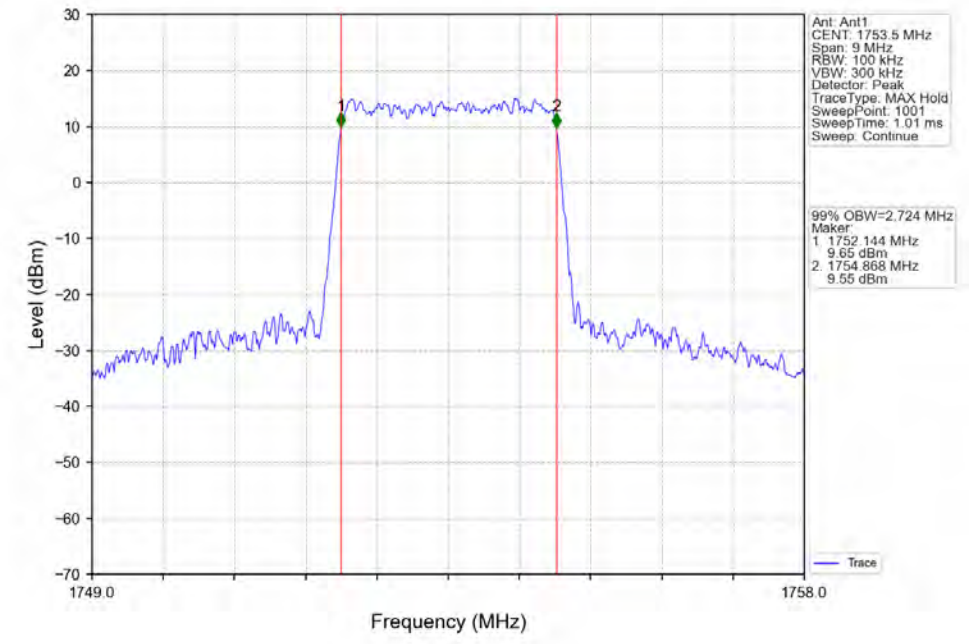
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



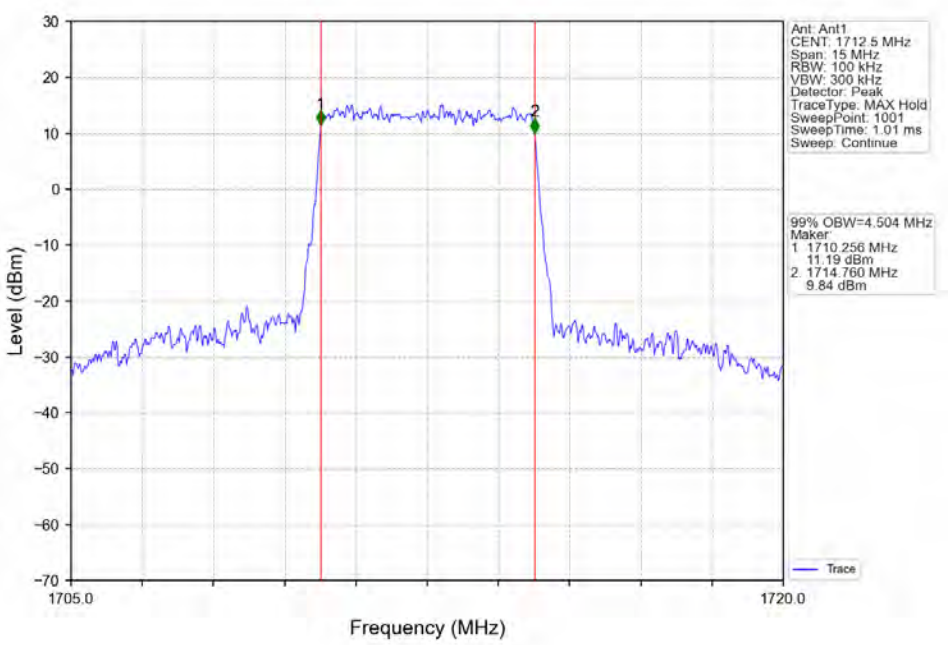
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



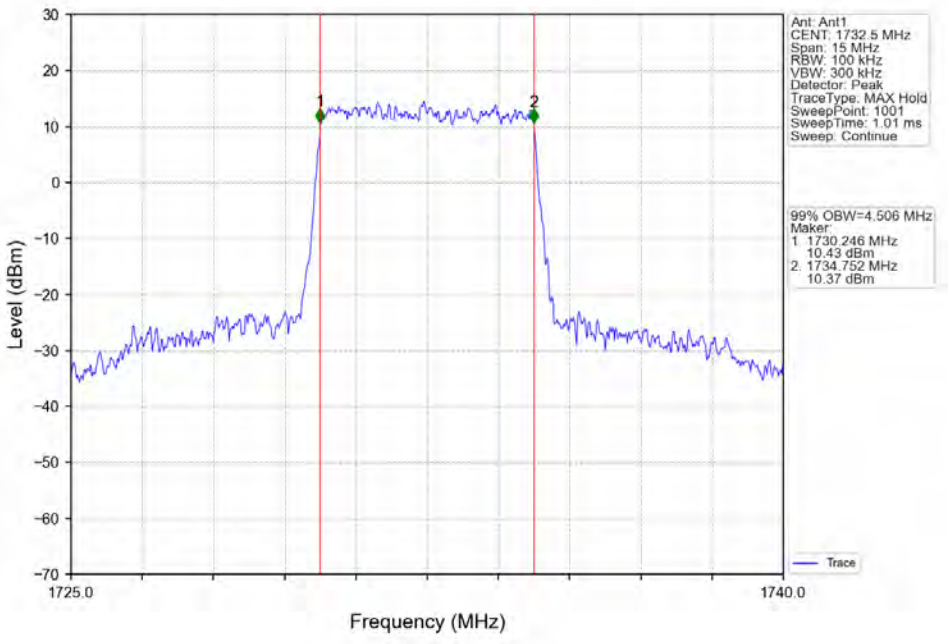
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



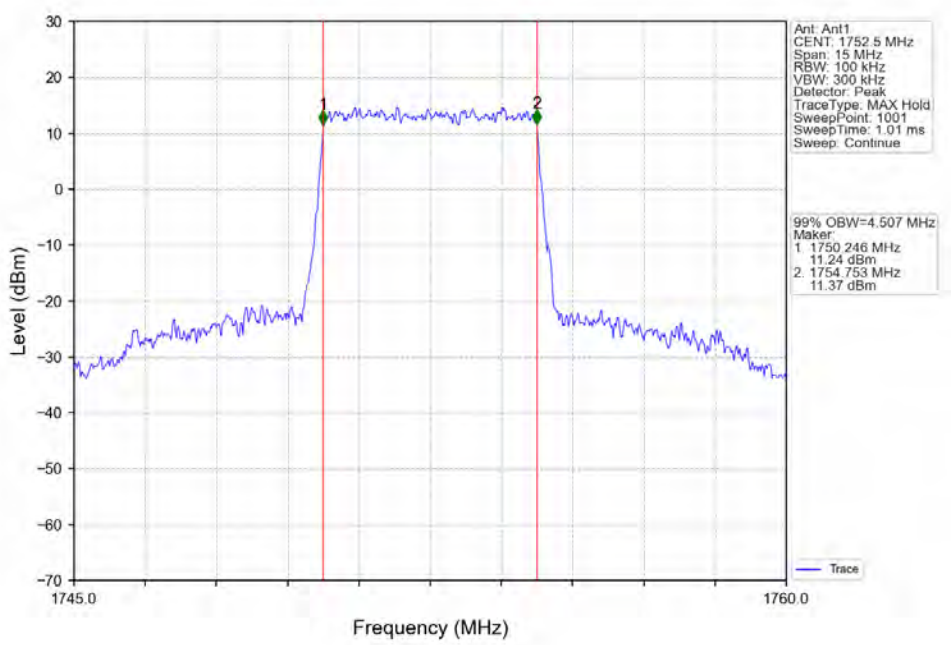
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



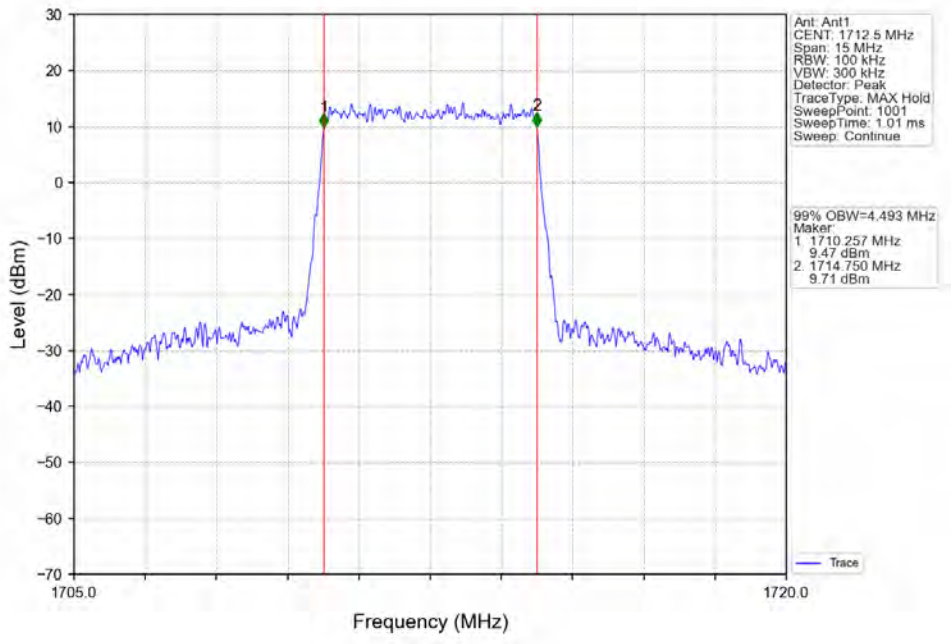
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



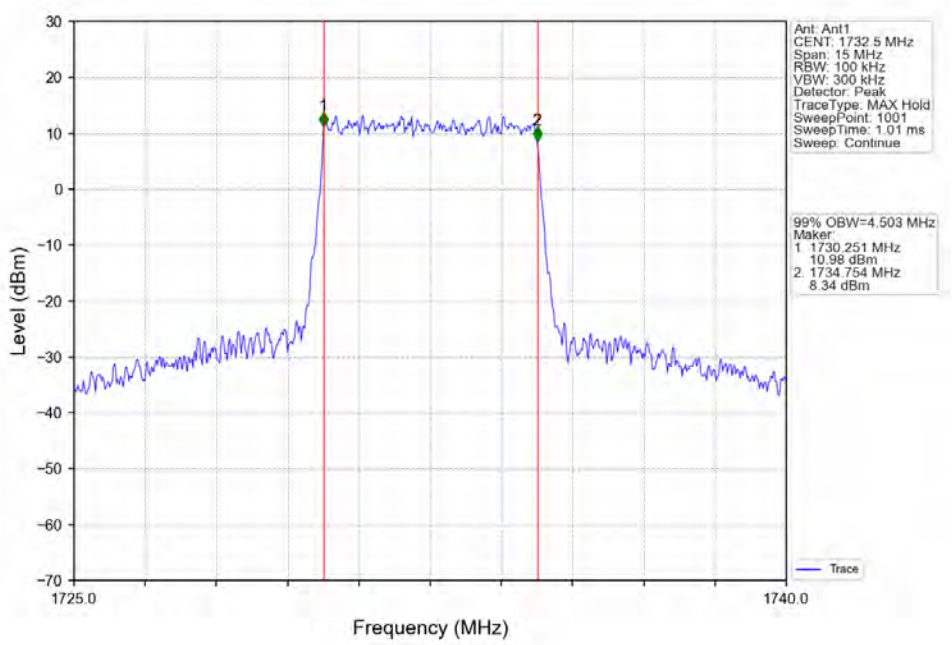
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



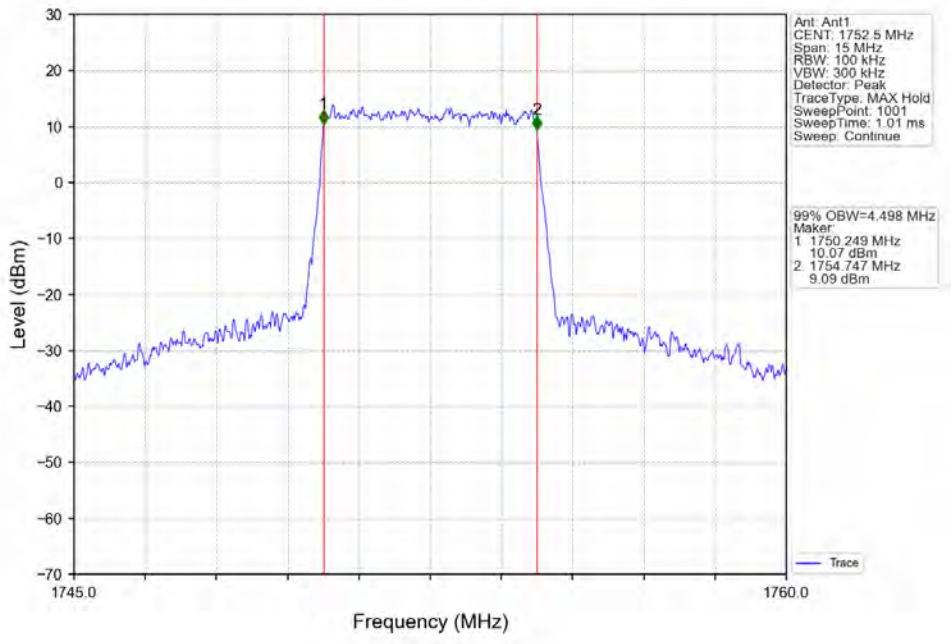
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



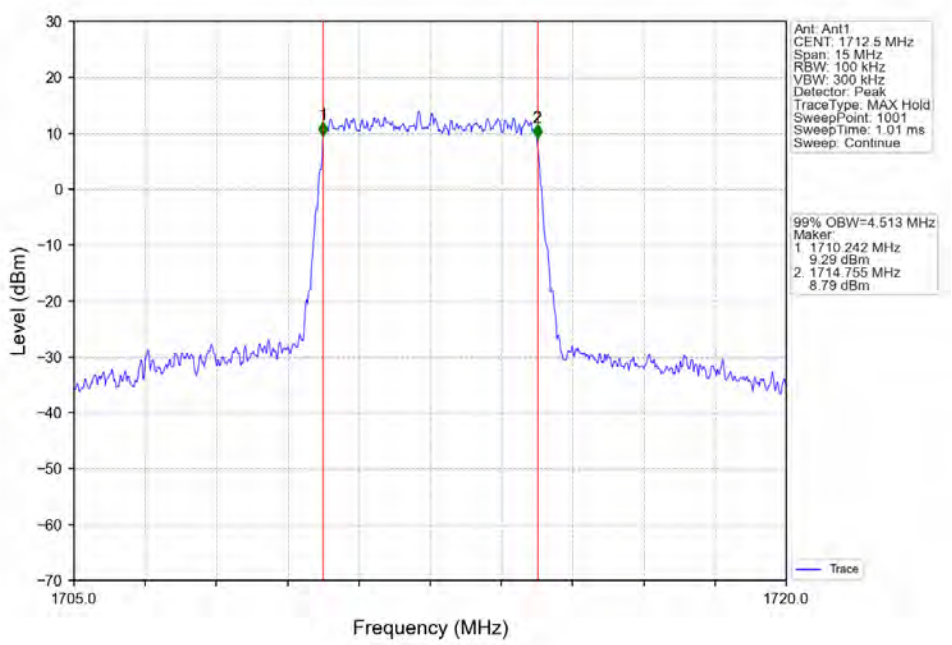
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



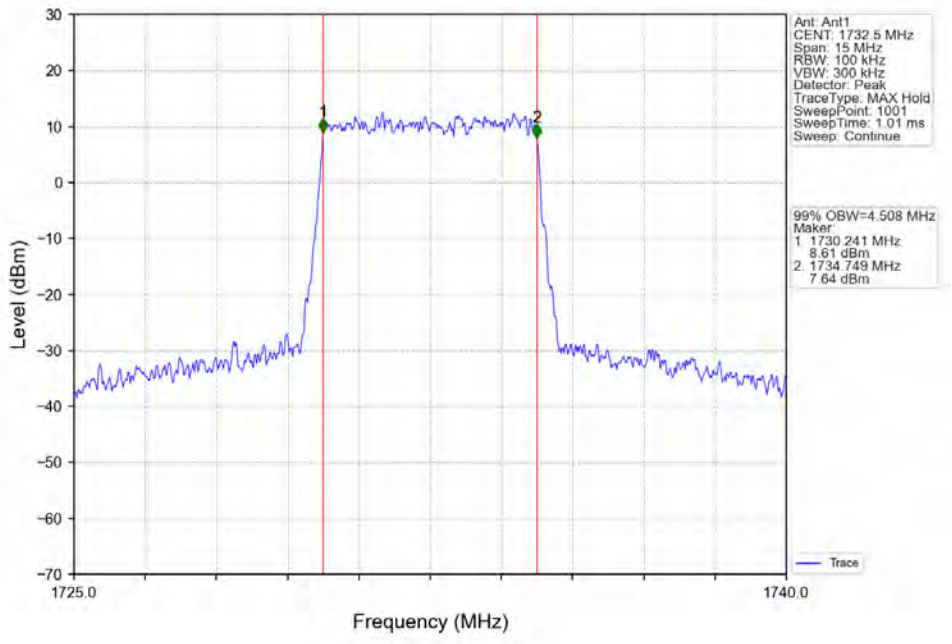
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



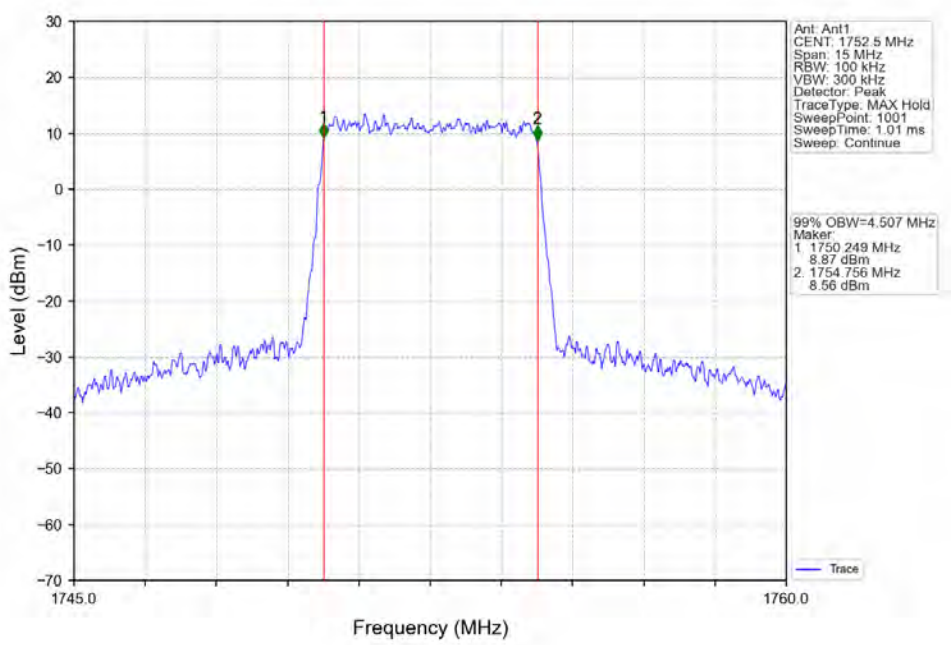
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



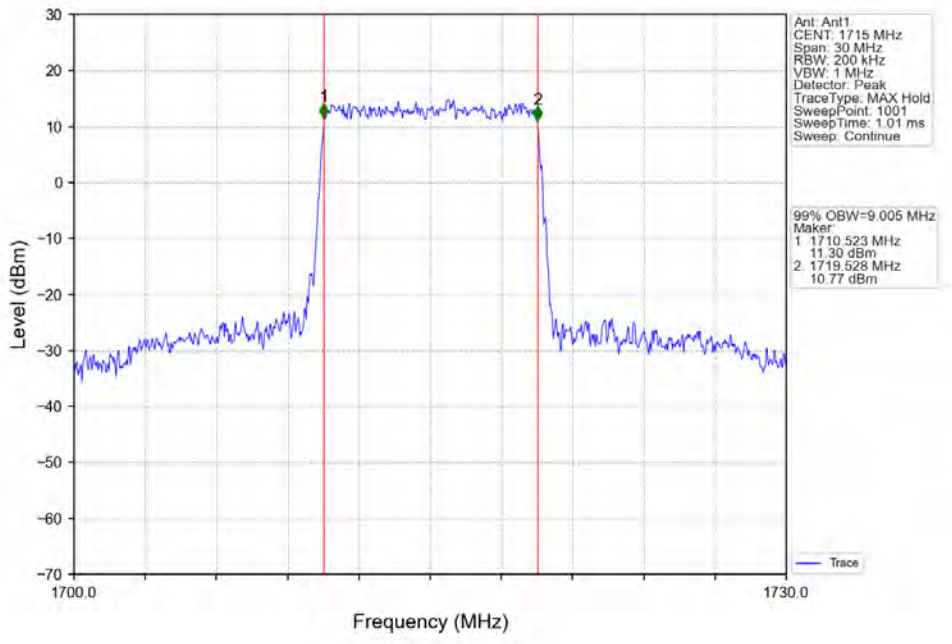
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



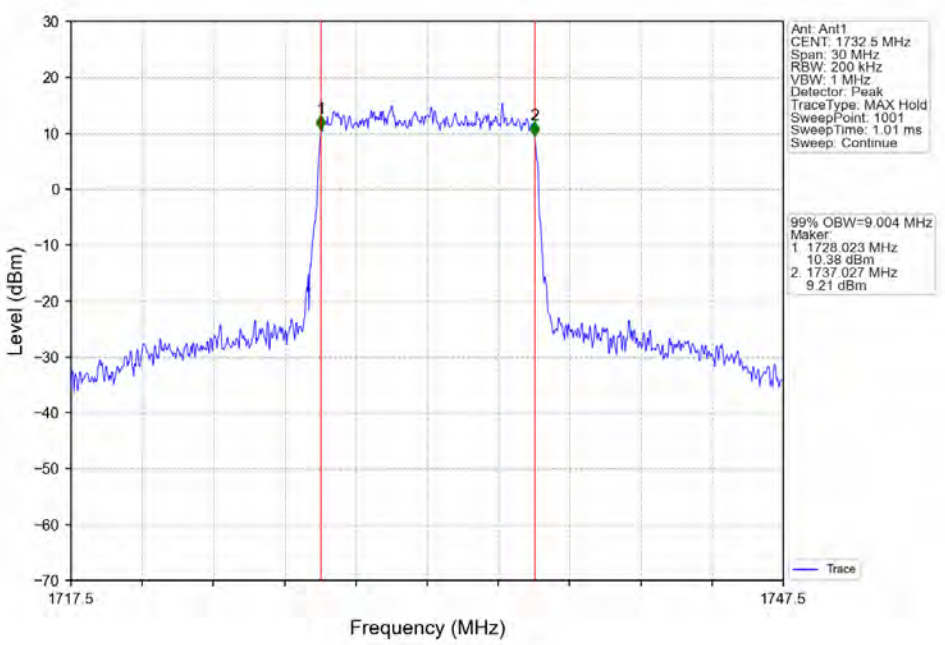
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



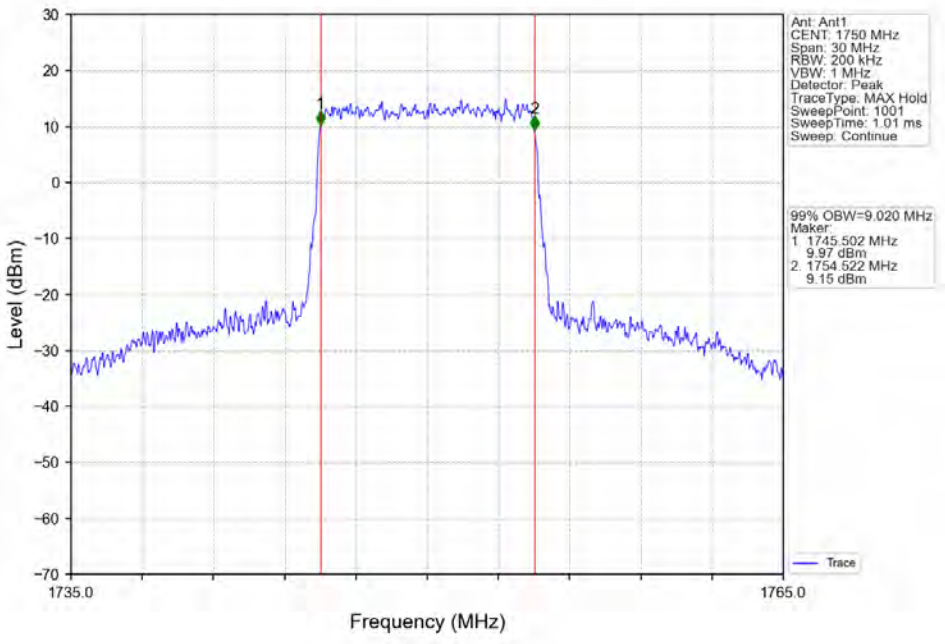
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



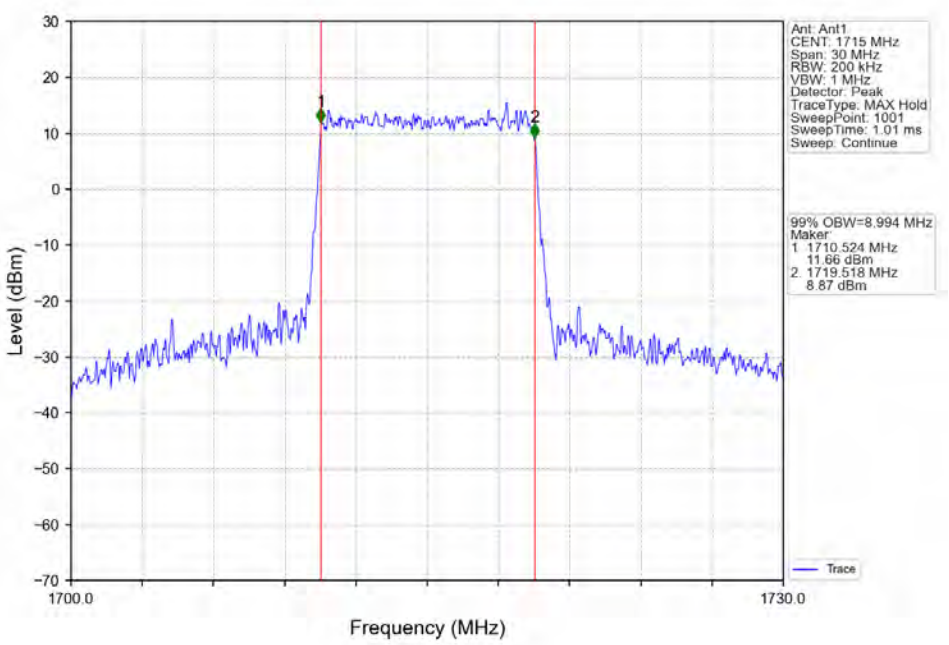
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



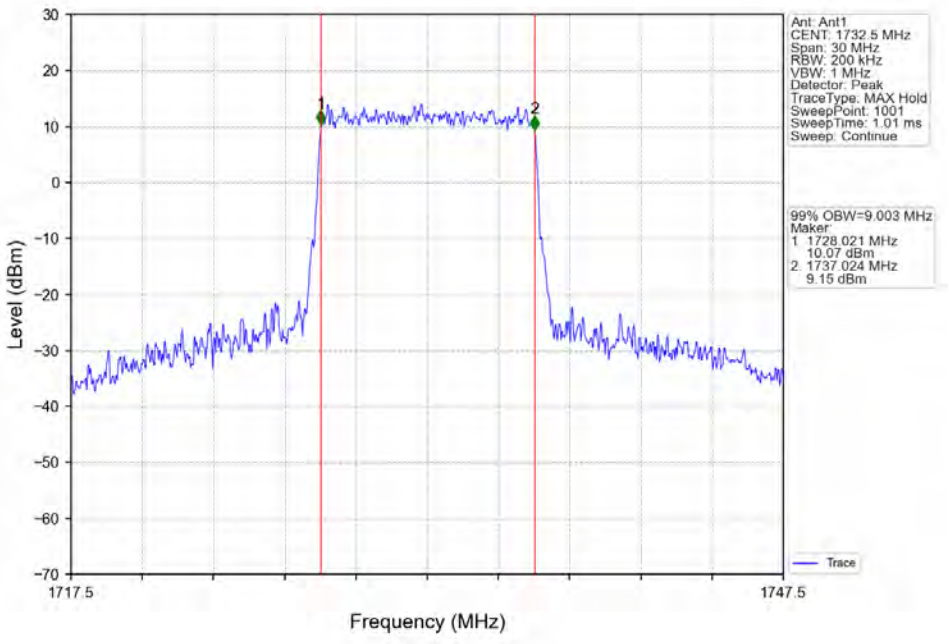
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



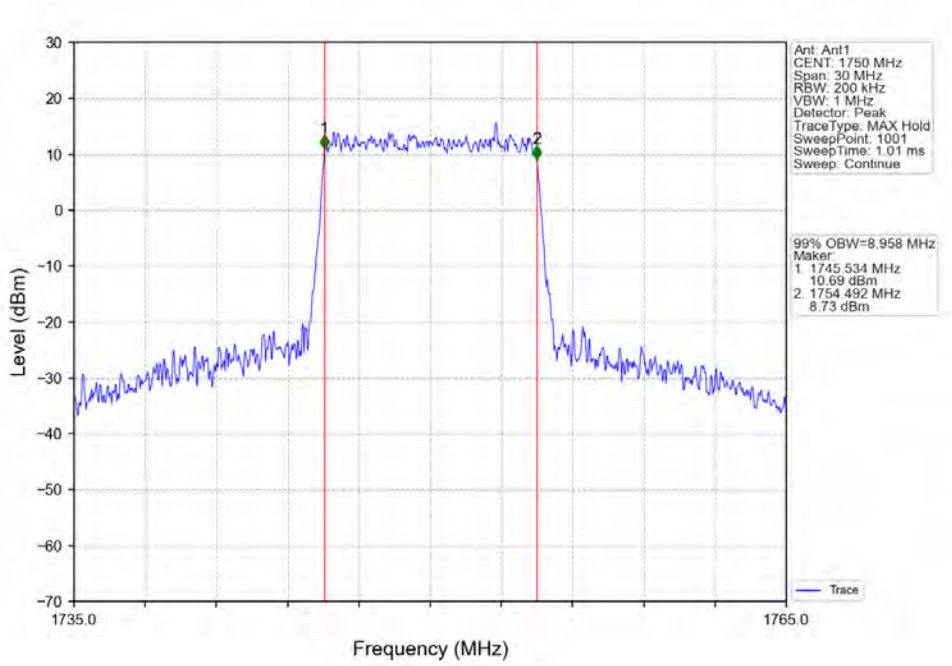
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



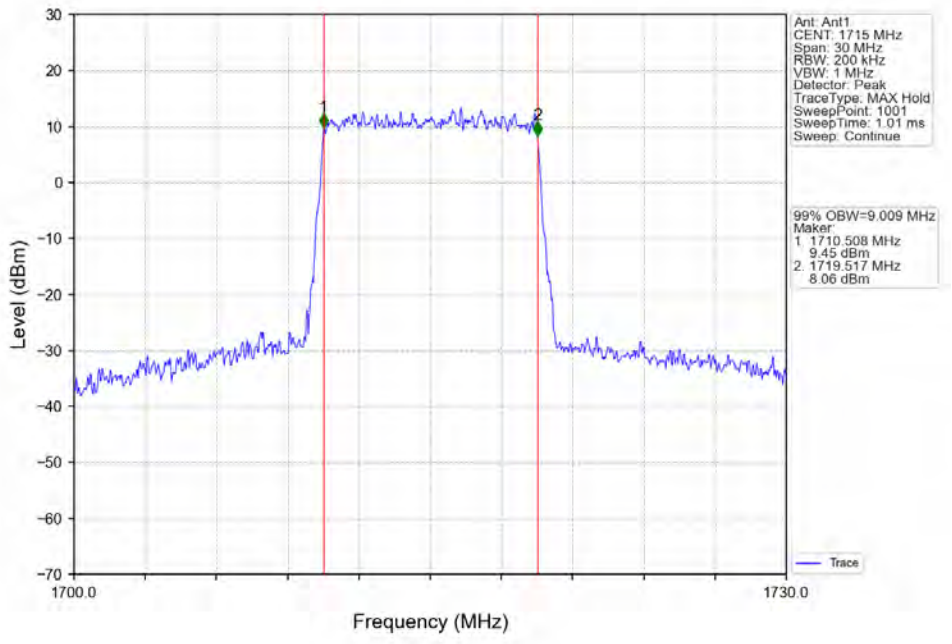
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



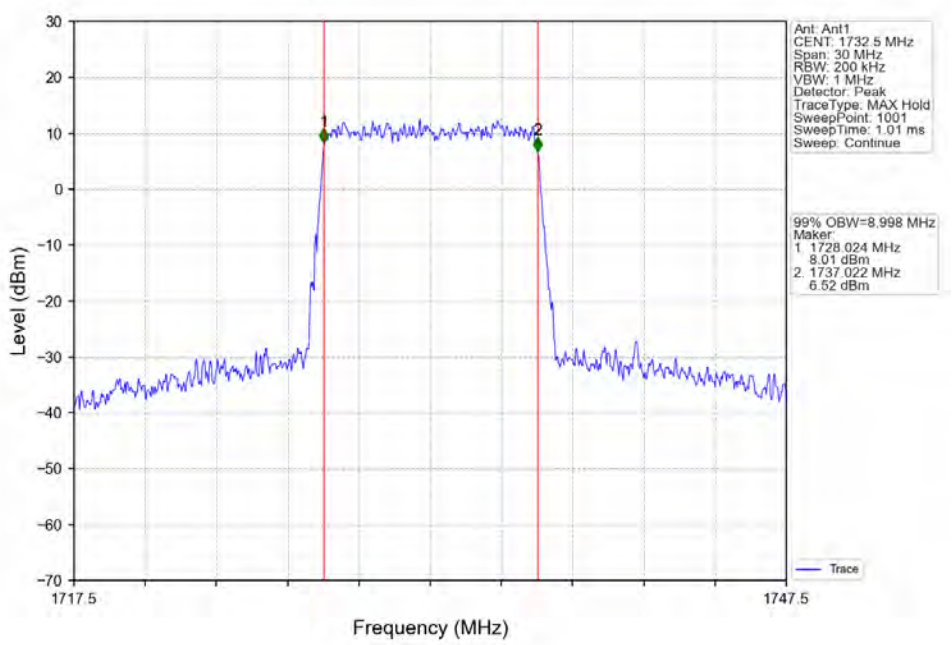
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



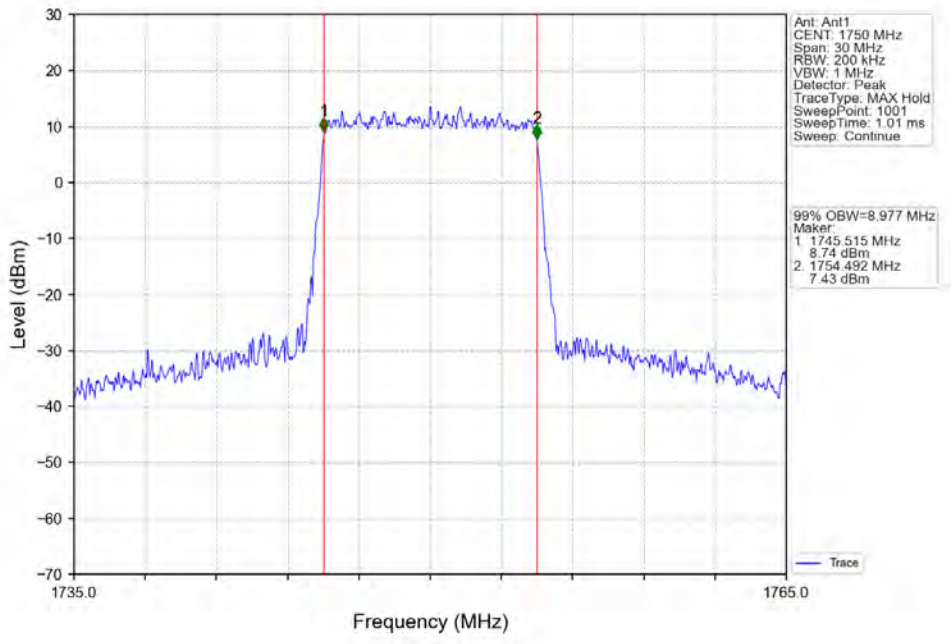
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



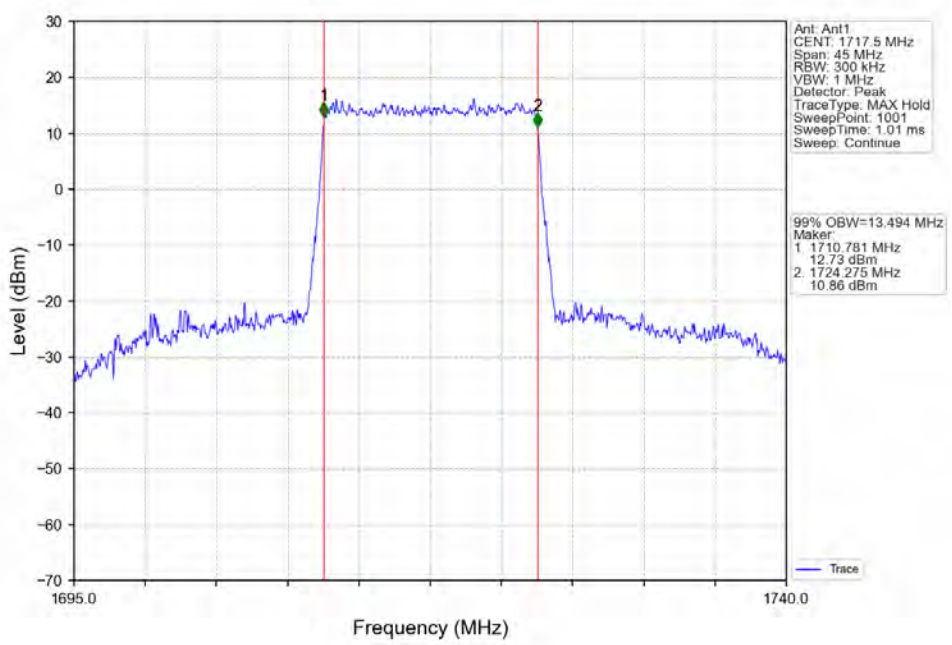
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



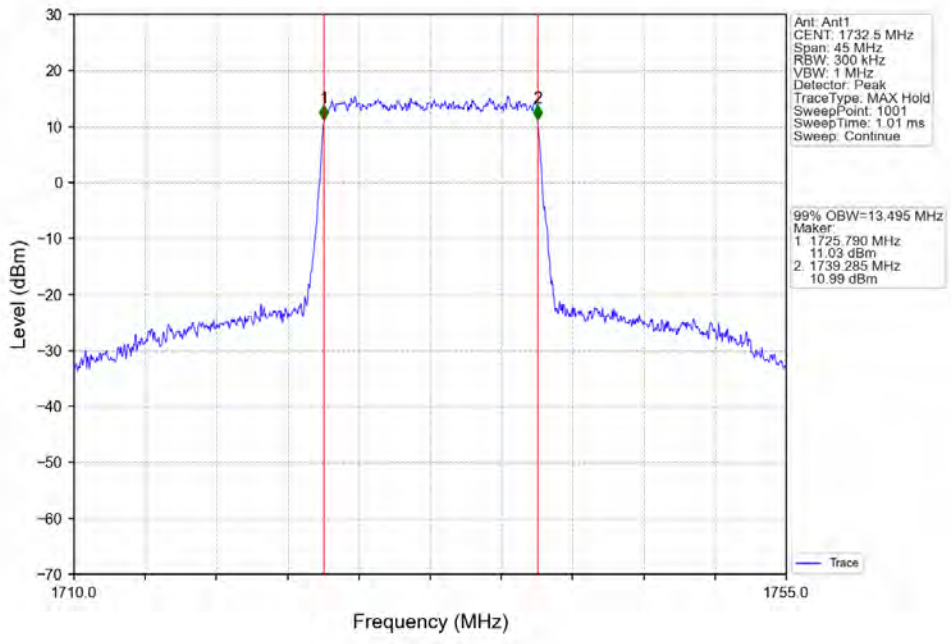
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



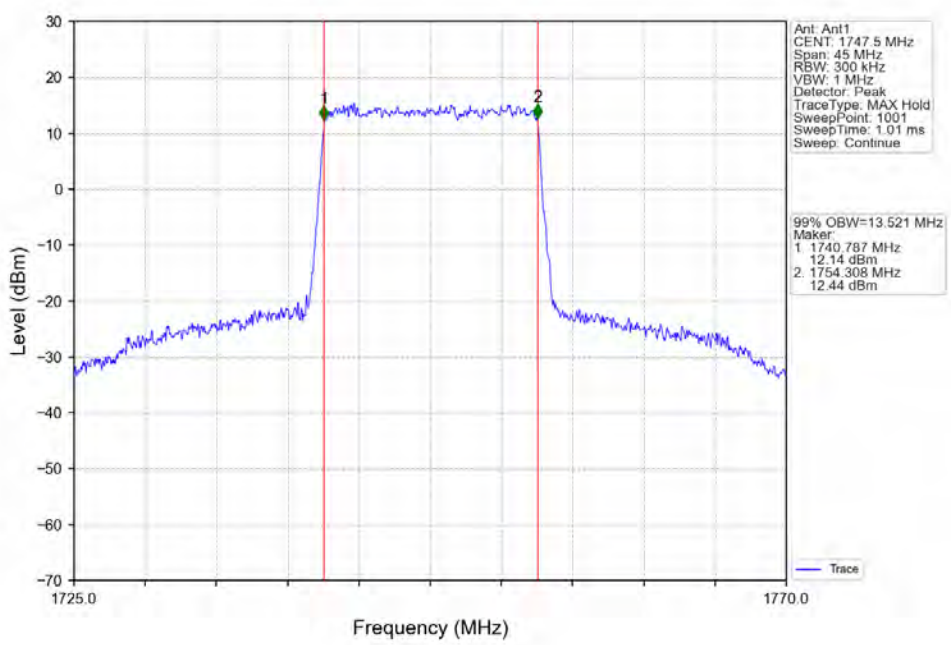
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



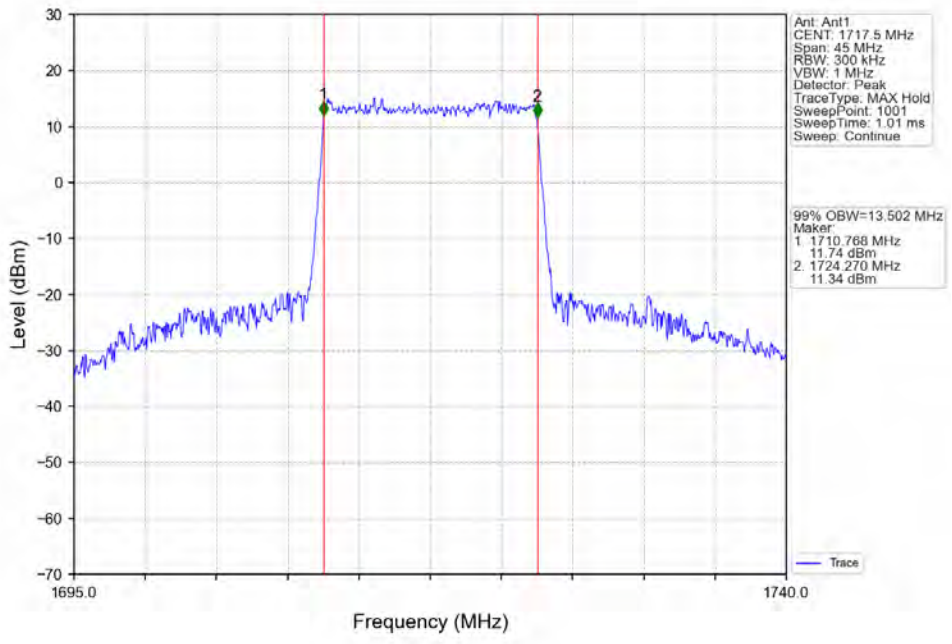
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



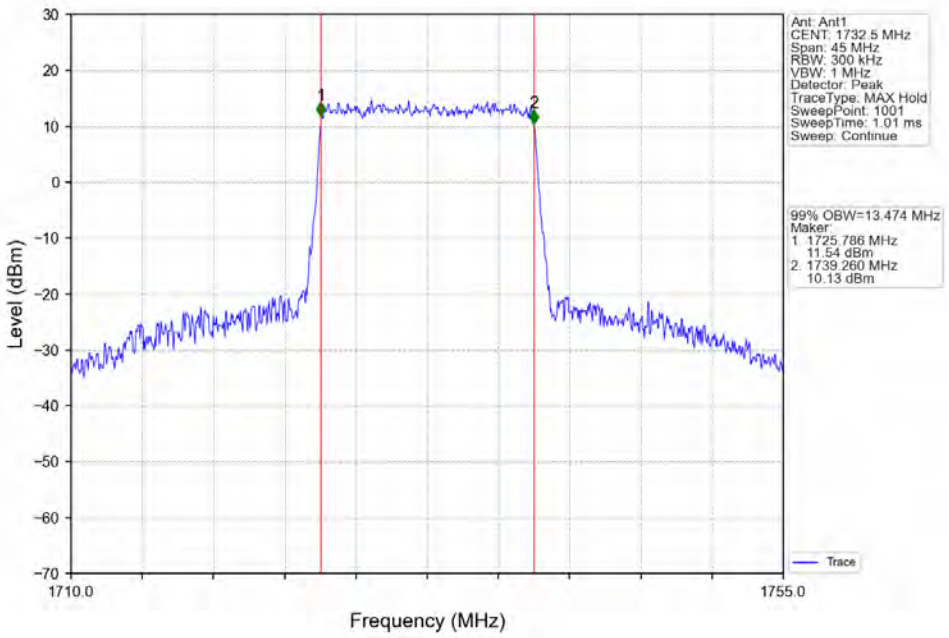
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



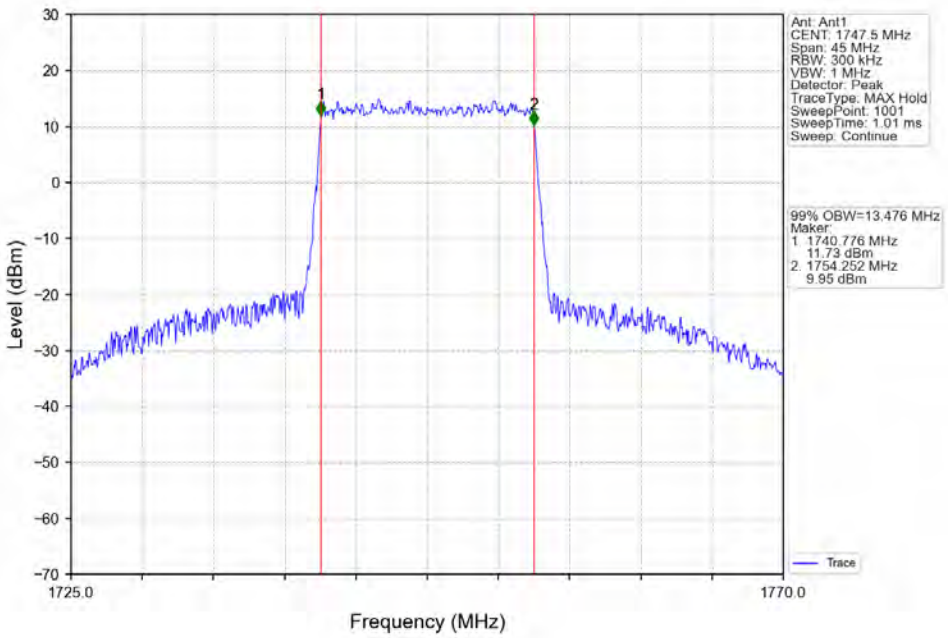
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



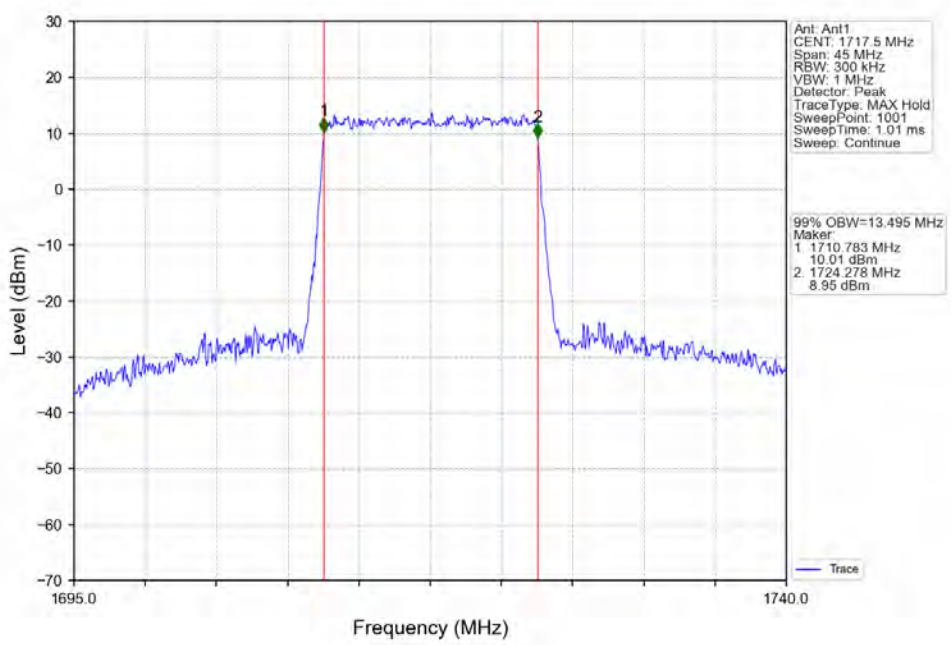
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



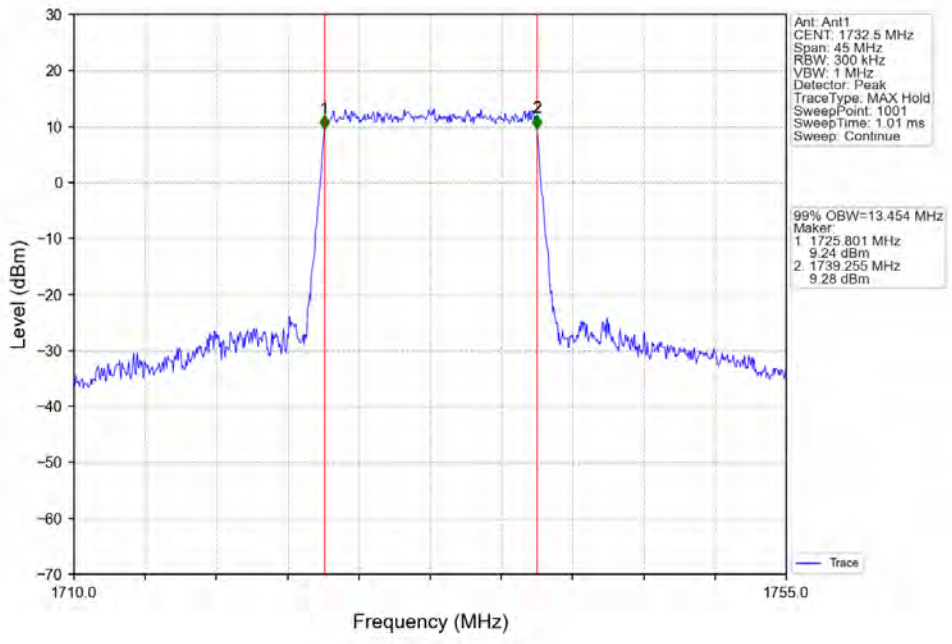
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



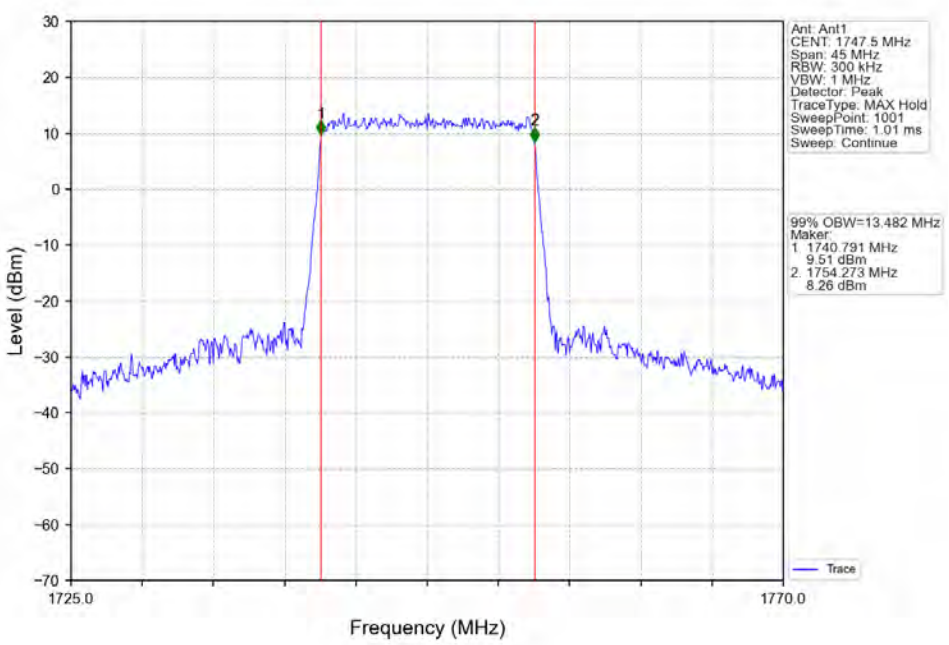
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



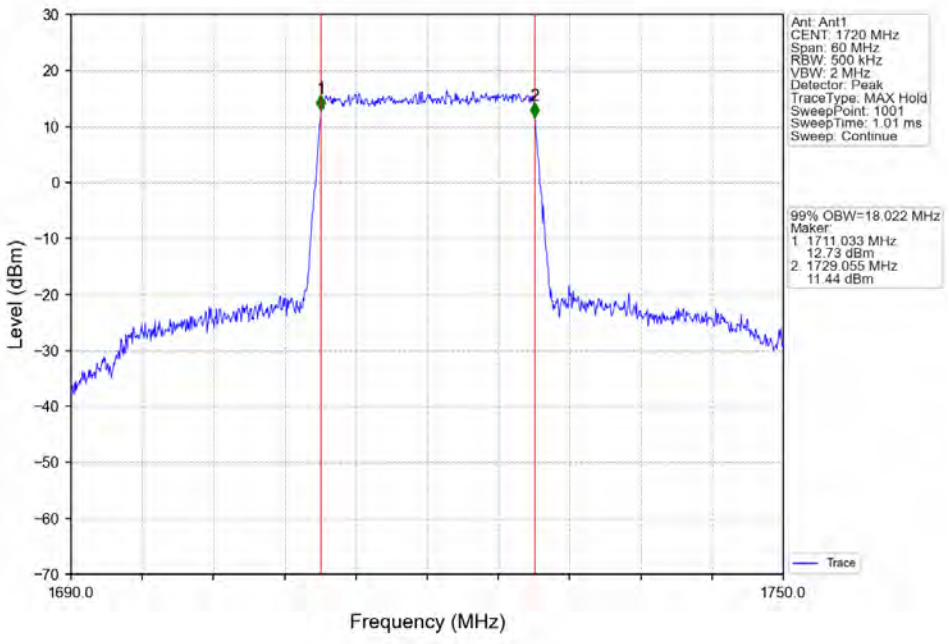
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



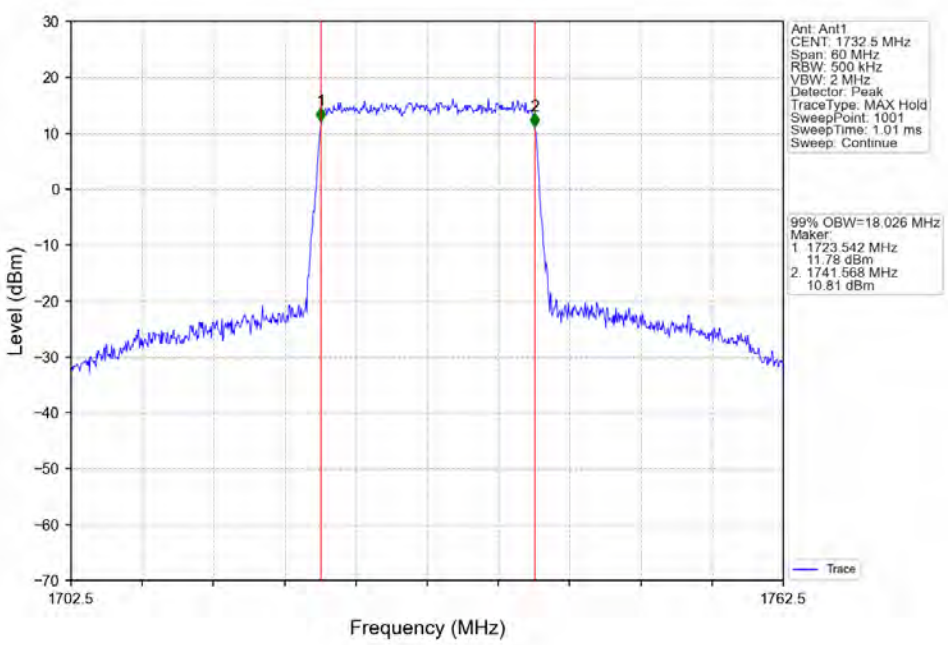
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



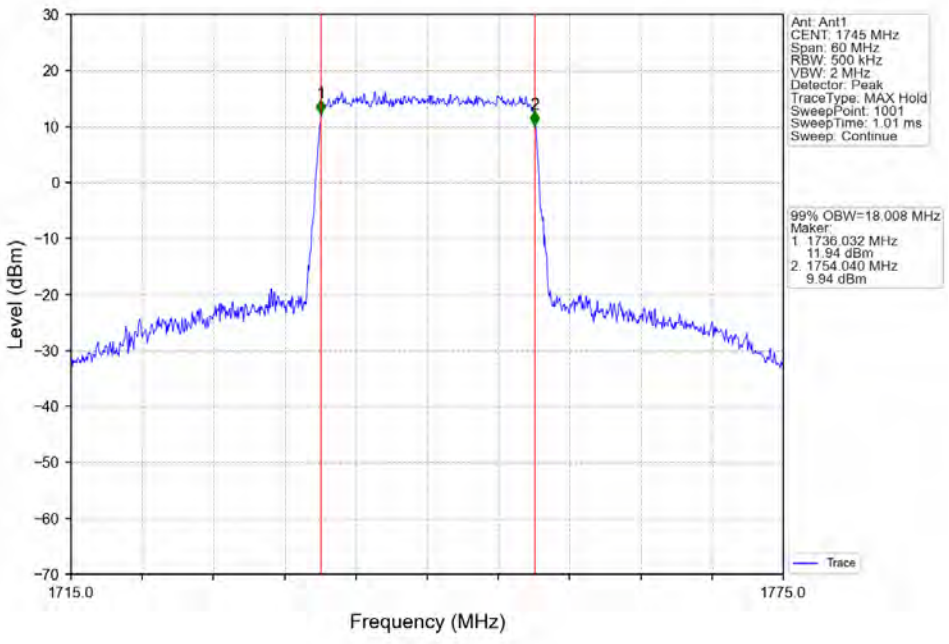
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



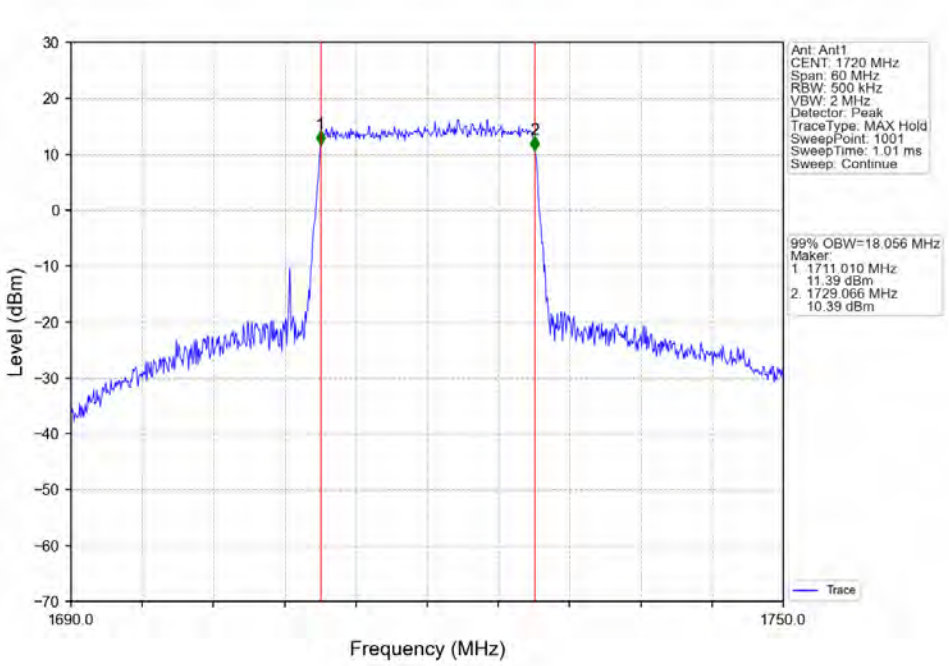
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



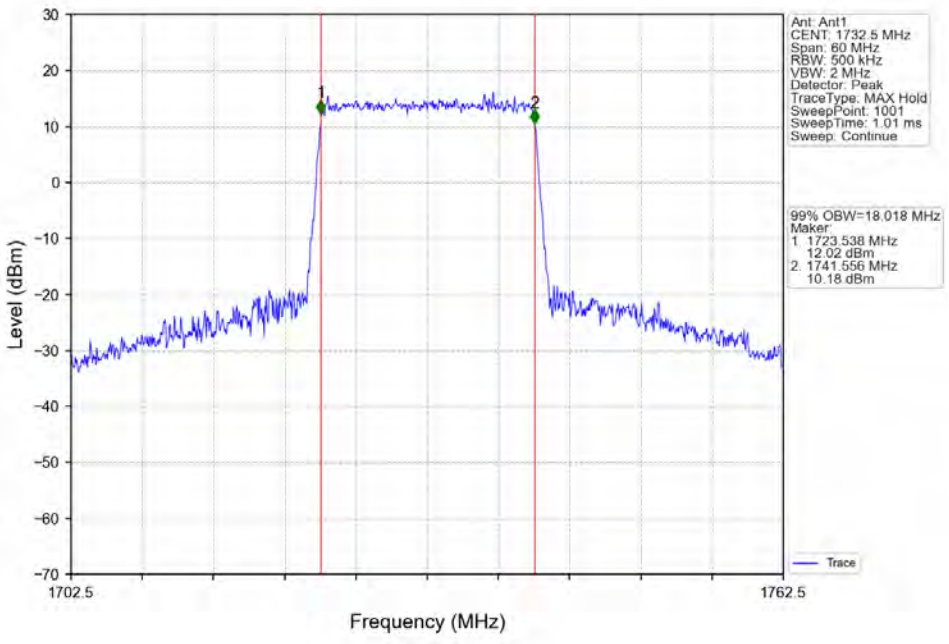
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



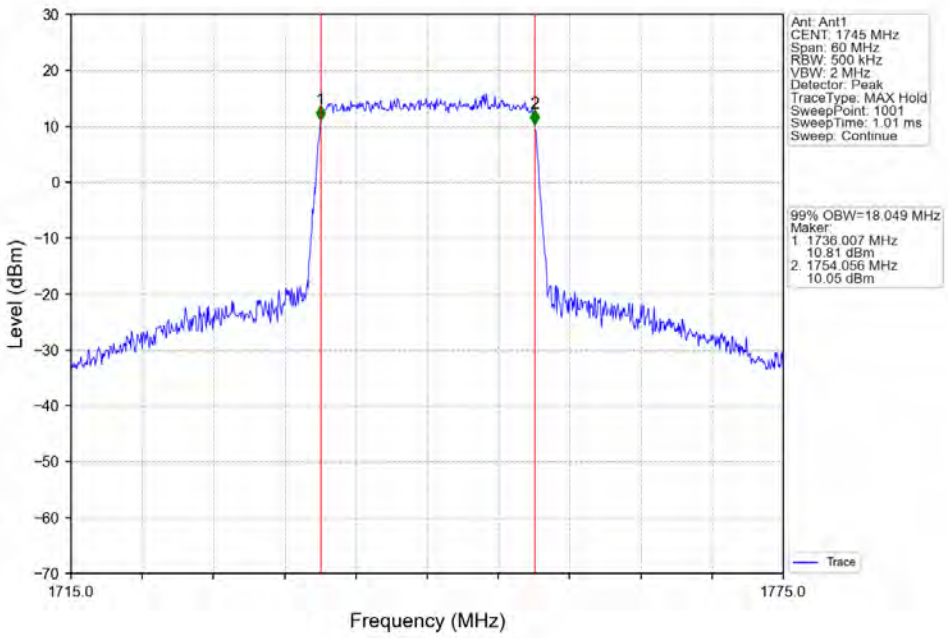
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



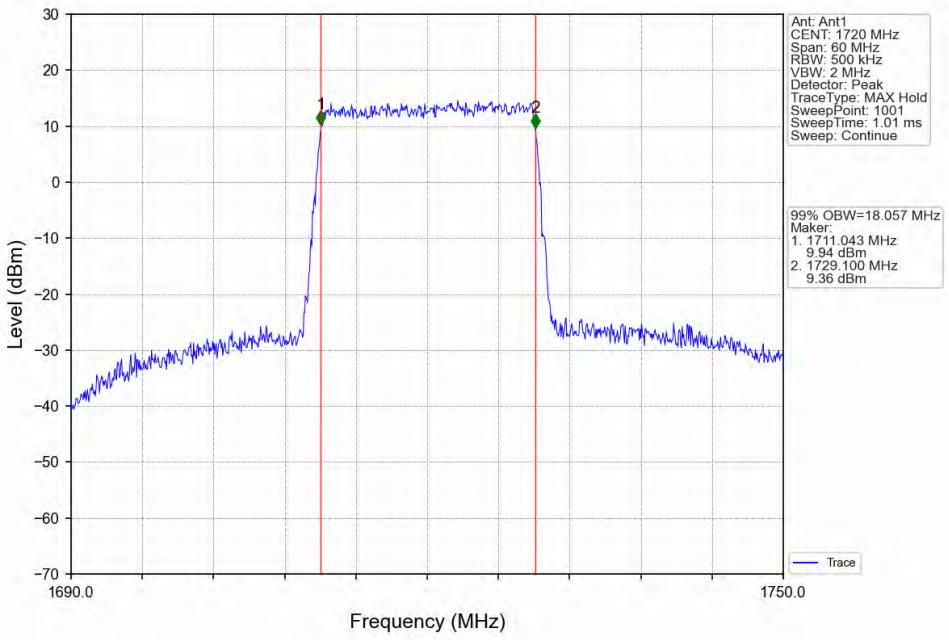
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



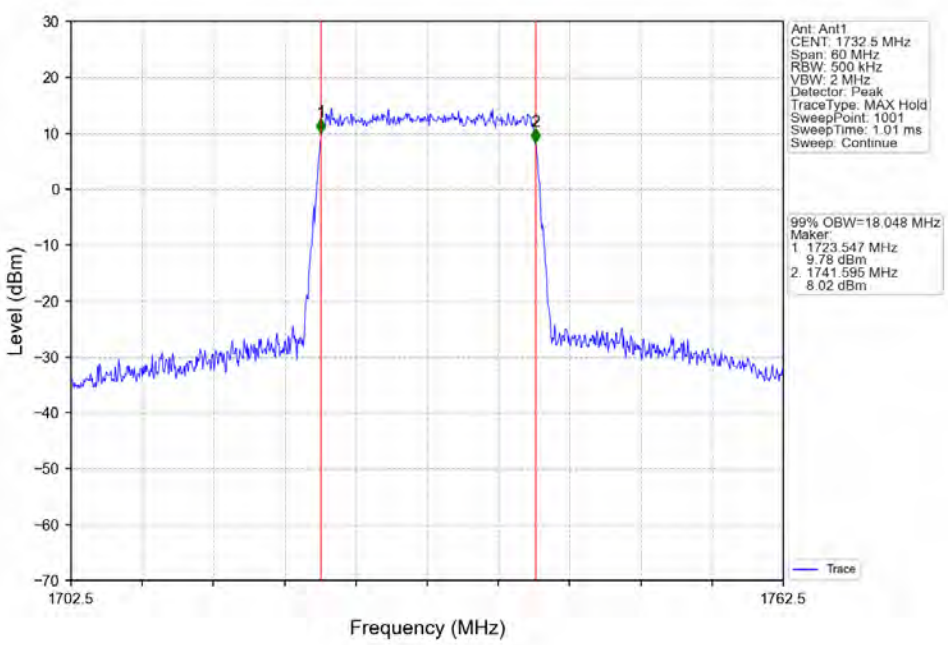
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



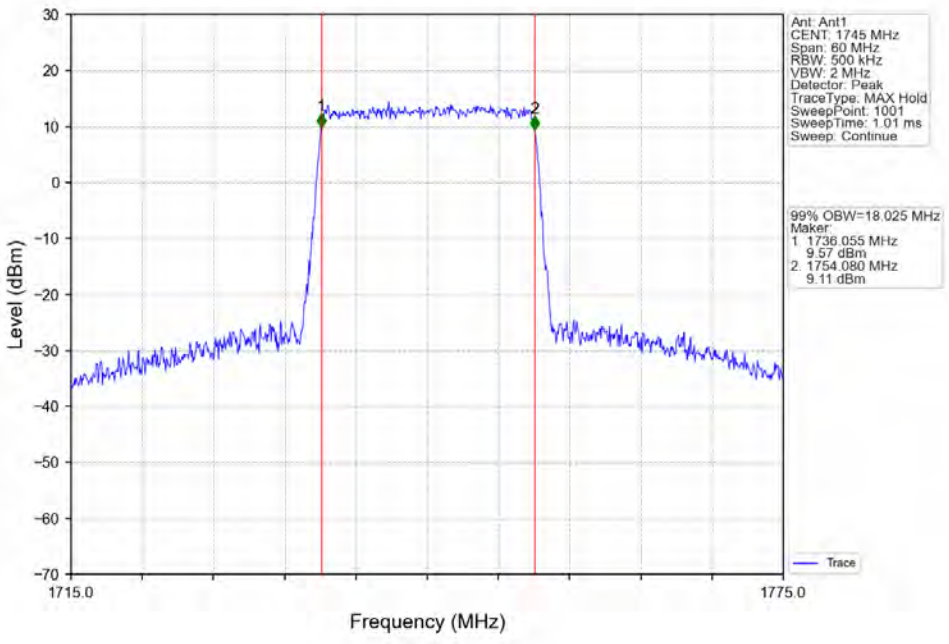
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



3.2 Band4_XDB

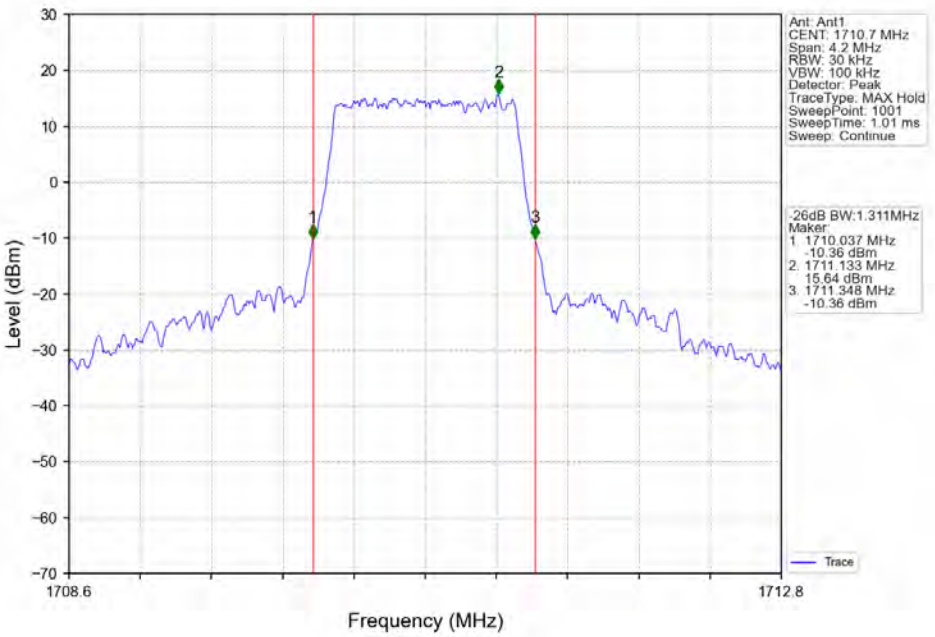
3.2.1 Test Result

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	1.311	/	Pass
		1732.5	6	0	1.301	/	Pass
		1754.3	6	0	1.281	/	Pass
	16QAM	1710.7	6	0	1.295	/	Pass
		1732.5	6	0	1.286	/	Pass
		1754.3	6	0	1.294	/	Pass
	64QAM	1710.7	6	0	1.315	/	Pass
		1732.5	6	0	1.303	/	Pass
		1754.3	6	0	1.290	/	Pass
3	QPSK	1711.5	15	0	3.037	/	Pass
		1732.5	15	0	3.002	/	Pass
		1753.5	15	0	3.002	/	Pass
	16QAM	1711.5	15	0	3.028	/	Pass
		1732.5	15	0	3.025	/	Pass
		1753.5	15	0	3.015	/	Pass
	64QAM	1711.5	15	0	3.004	/	Pass
		1732.5	15	0	3.010	/	Pass
		1753.5	15	0	3.009	/	Pass
5	QPSK	1712.5	25	0	4.969	/	Pass
		1732.5	25	0	4.926	/	Pass
		1752.5	25	0	4.989	/	Pass
	16QAM	1712.5	25	0	4.962	/	Pass
		1732.5	25	0	4.960	/	Pass
		1752.5	25	0	4.964	/	Pass
	64QAM	1712.5	25	0	4.966	/	Pass
		1732.5	25	0	4.946	/	Pass
		1752.5	25	0	4.954	/	Pass
10	QPSK	1715	50	0	9.731	/	Pass
		1732.5	50	0	9.690	/	Pass
		1750	50	0	9.864	/	Pass
	16QAM	1715	50	0	9.714	/	Pass
		1732.5	50	0	9.735	/	Pass
		1750	50	0	9.657	/	Pass
	64QAM	1715	50	0	9.755	/	Pass
		1732.5	50	0	9.797	/	Pass
		1750	50	0	9.770	/	Pass
15	QPSK	1717.5	75	0	14.699	/	Pass
		1732.5	75	0	14.752	/	Pass
		1747.5	75	0	14.681	/	Pass
	16QAM	1717.5	75	0	14.667	/	Pass
		1732.5	75	0	14.687	/	Pass
		1747.5	75	0	14.663	/	Pass
	64QAM	1717.5	75	0	14.678	/	Pass
		1732.5	75	0	14.784	/	Pass
		1747.5	75	0	14.795	/	Pass
20	QPSK	1720	100	0	19.712	/	Pass
		1732.5	100	0	19.589	/	Pass
		1745	100	0	19.665	/	Pass
	16QAM	1720	100	0	19.667	/	Pass

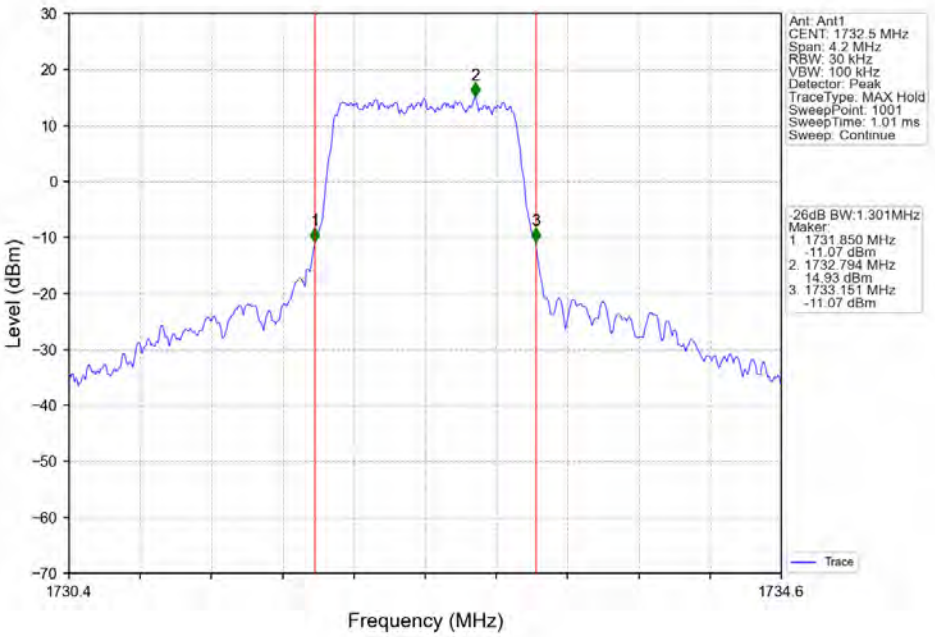
		1732.5	100	0	19.536	/	Pass
		1745	100	0	19.624	/	Pass
	64QAM	1720	100	0	19.805	/	Pass
		1732.5	100	0	19.760	/	Pass
		1745	100	0	19.575	/	Pass

3.2.2 Test Graph

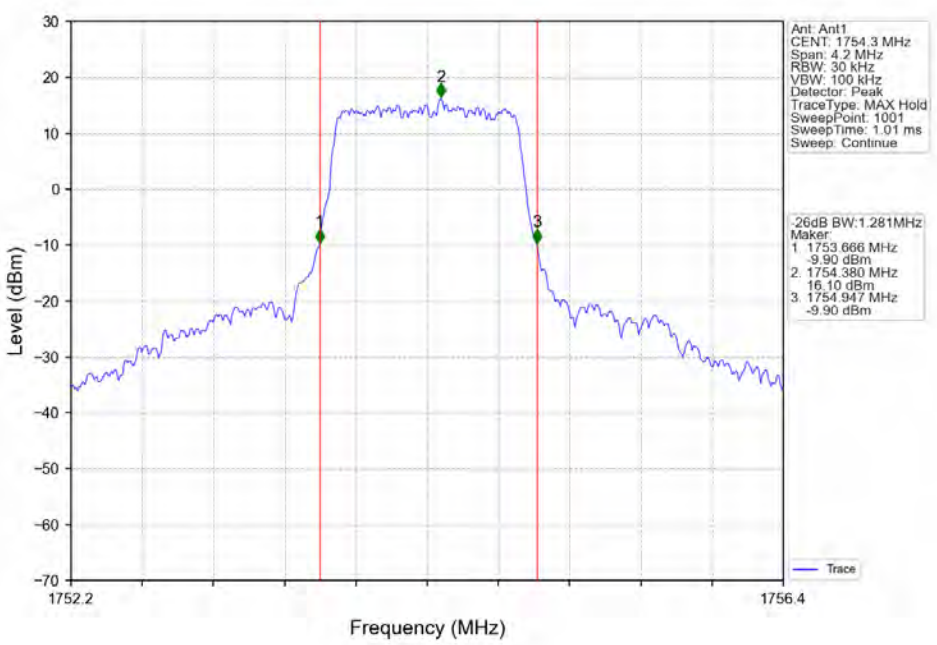
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



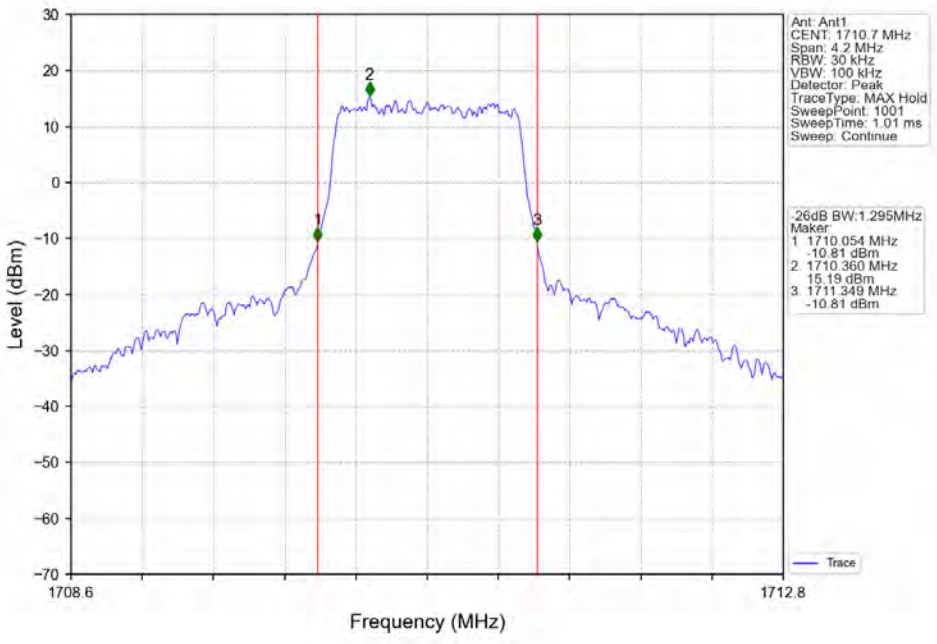
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



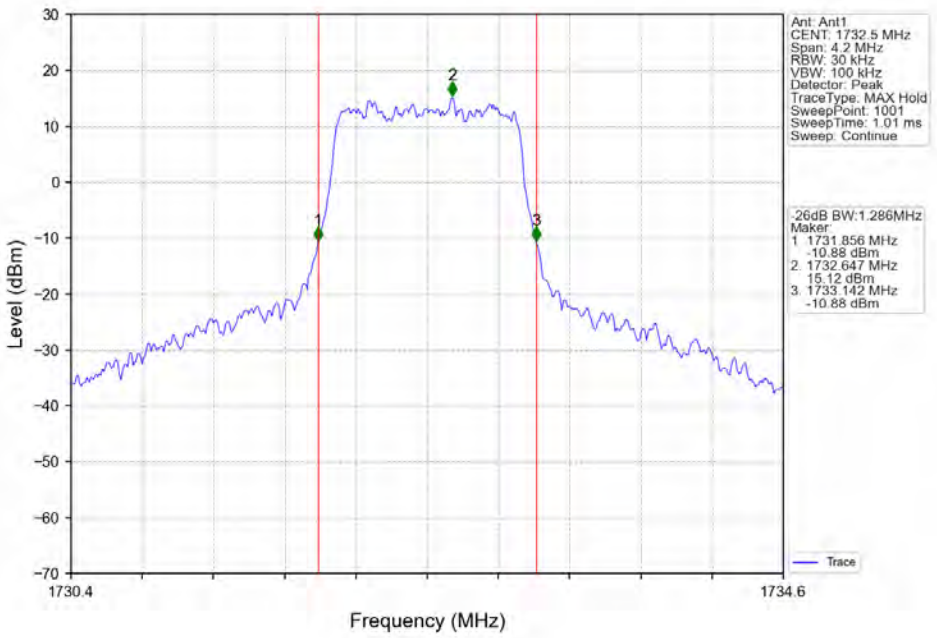
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



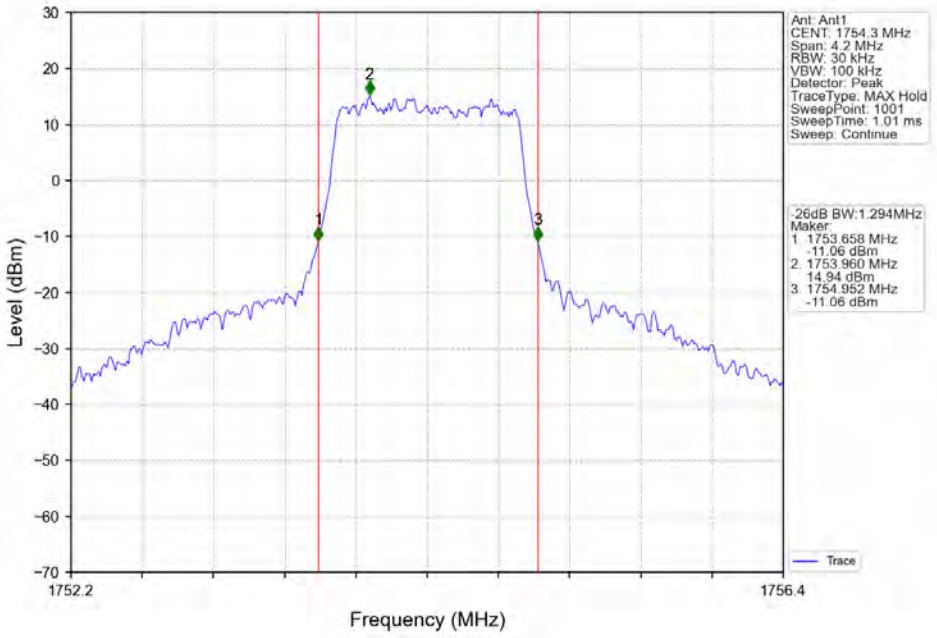
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



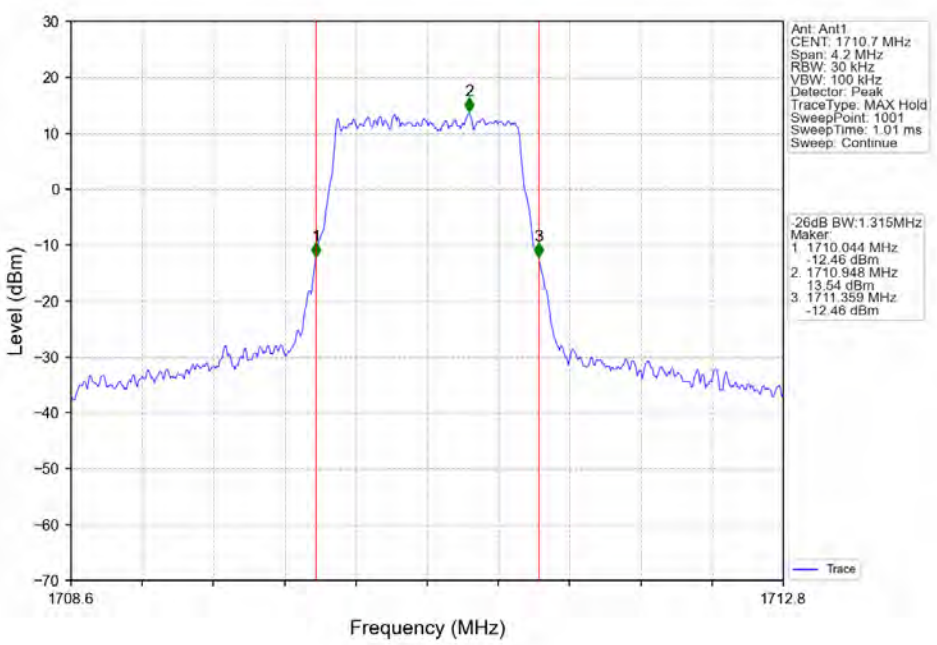
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



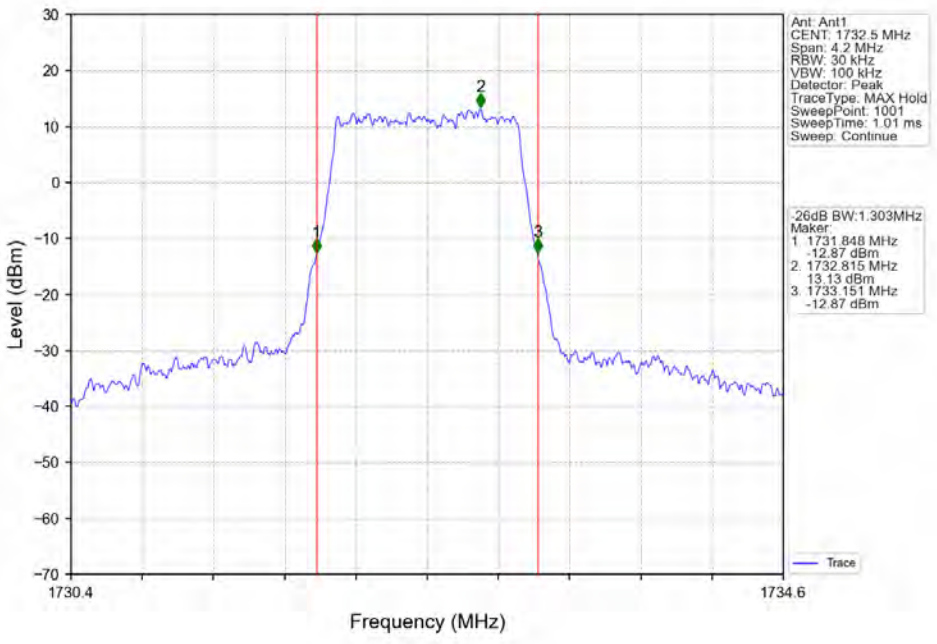
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



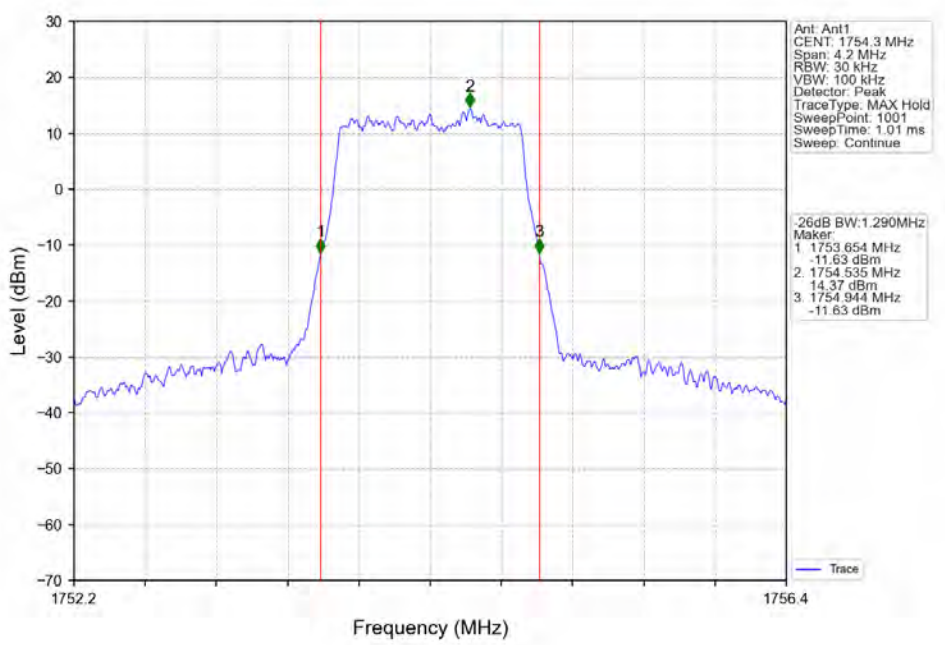
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



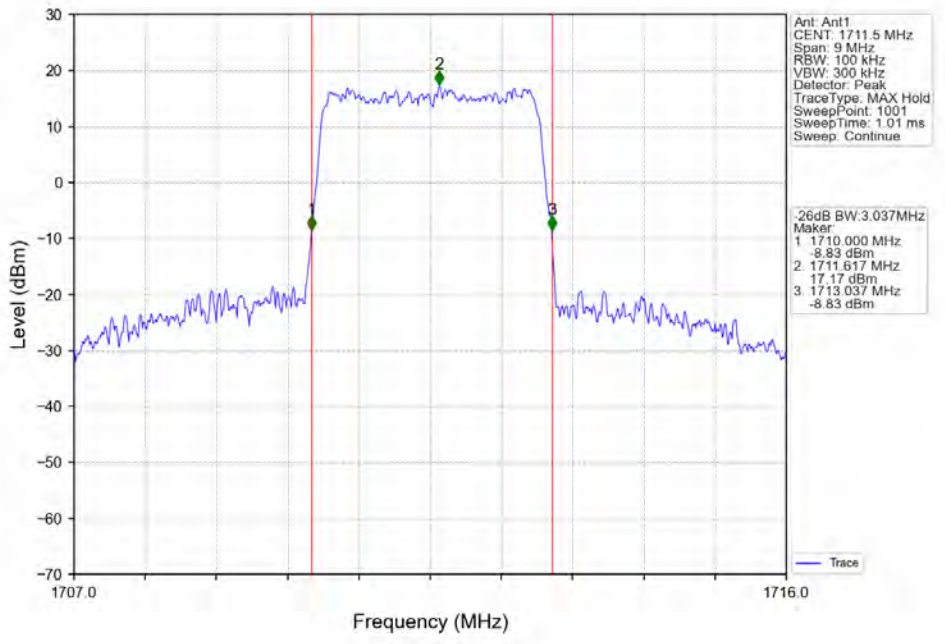
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



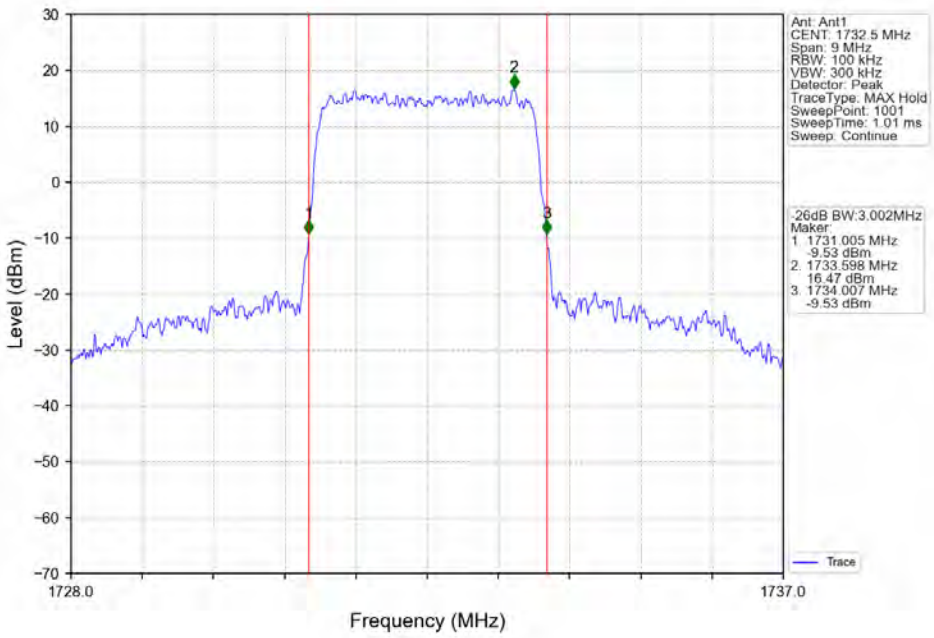
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



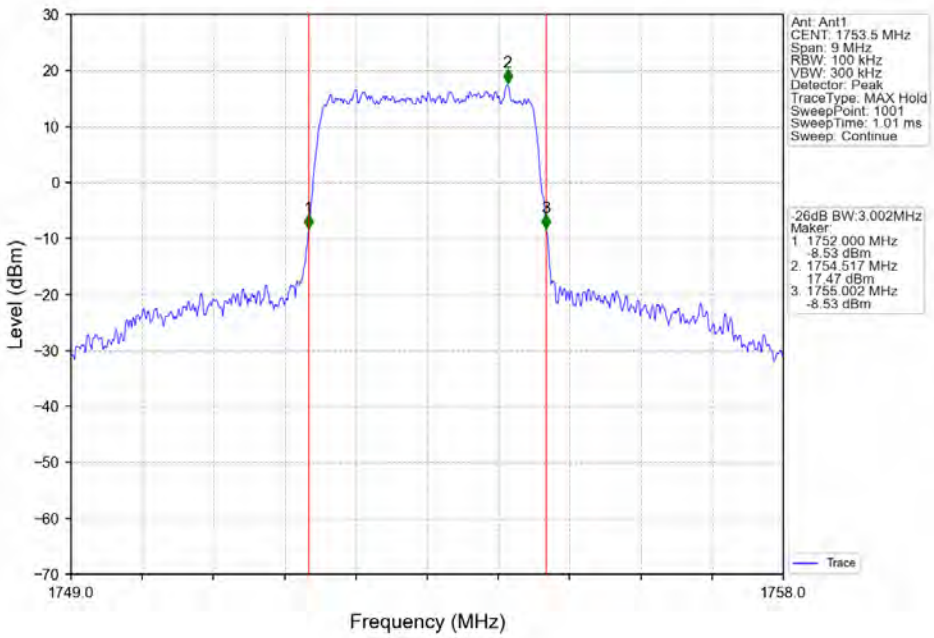
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



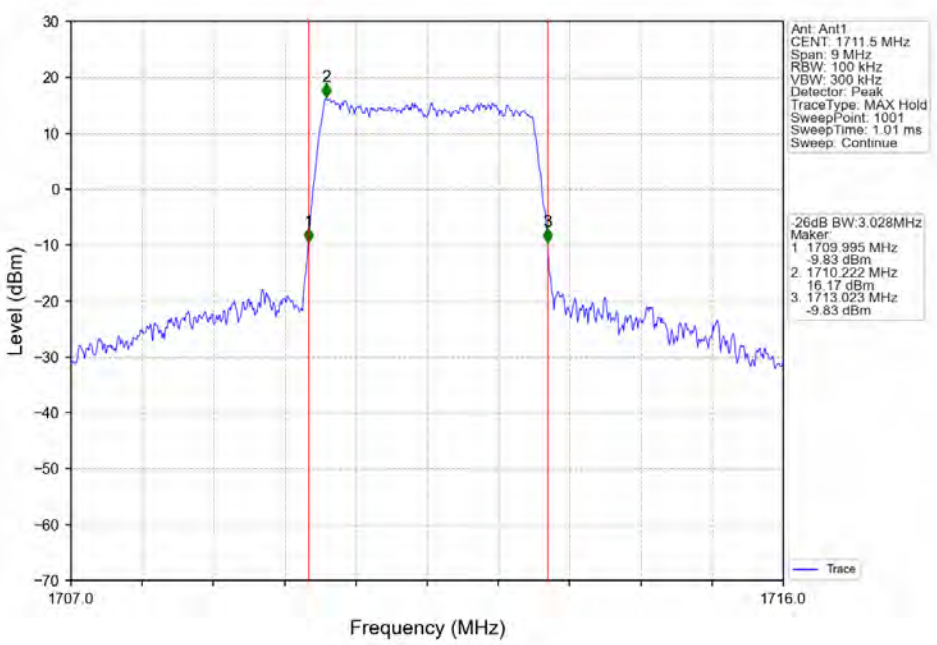
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



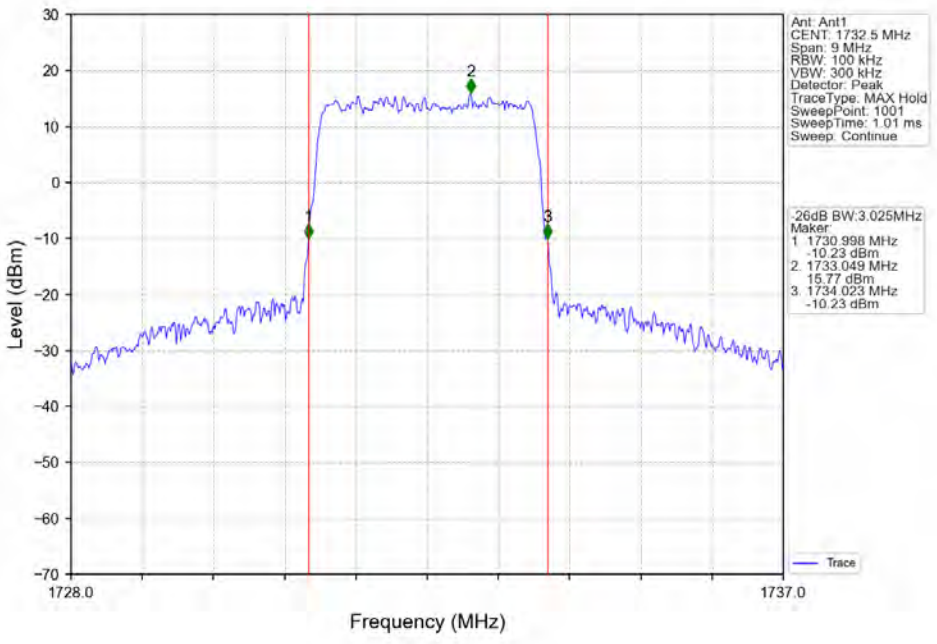
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



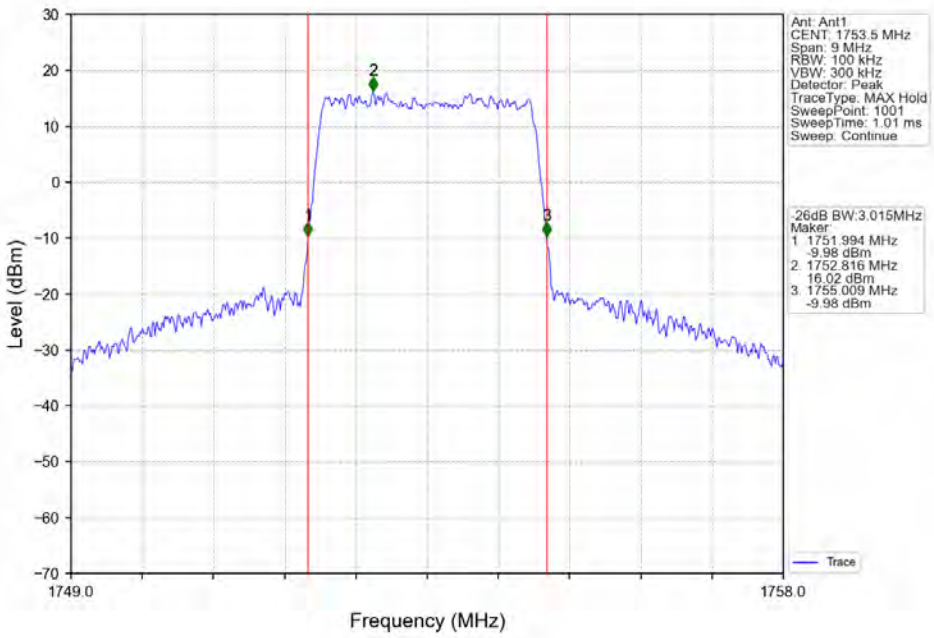
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



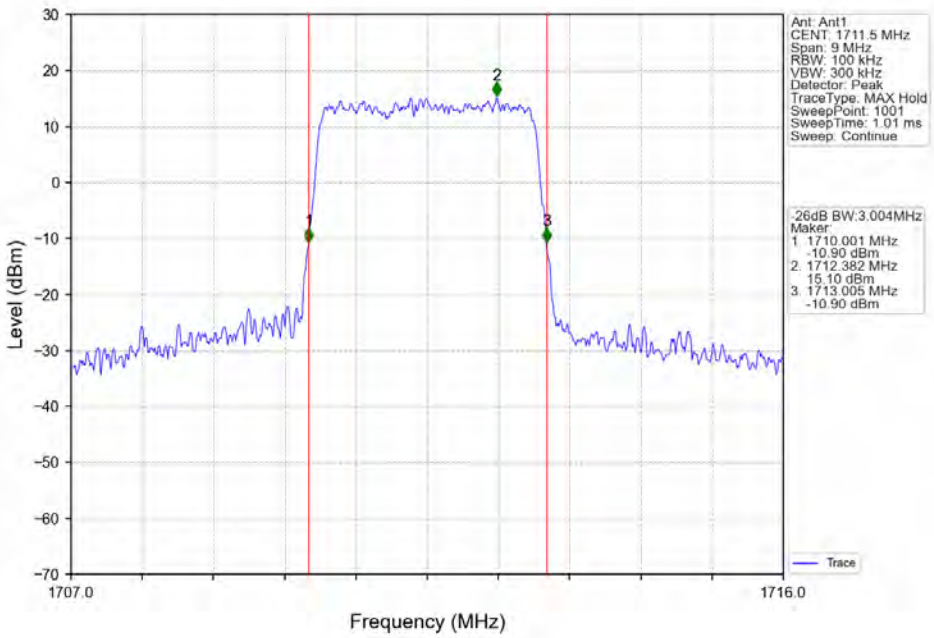
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



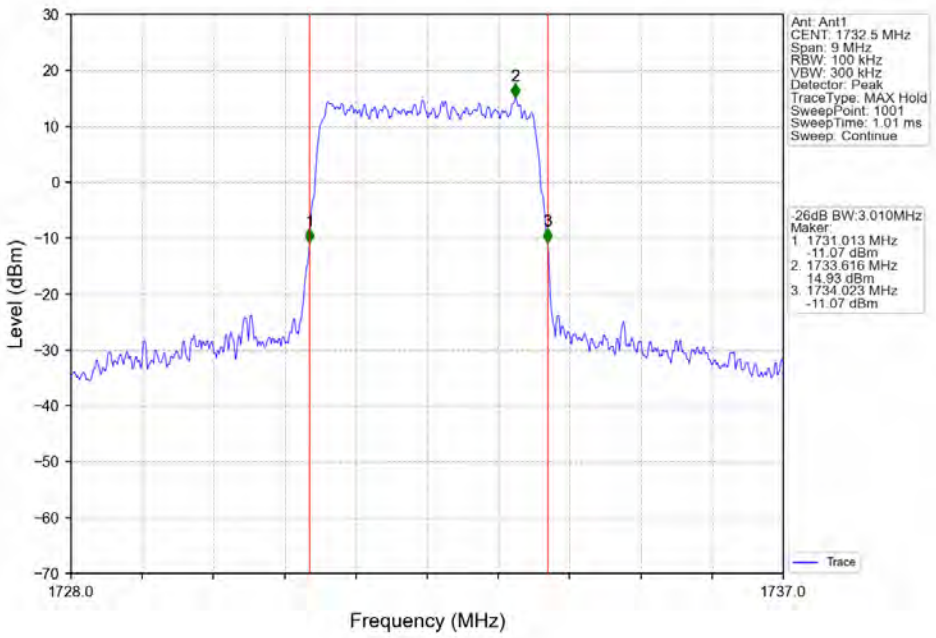
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



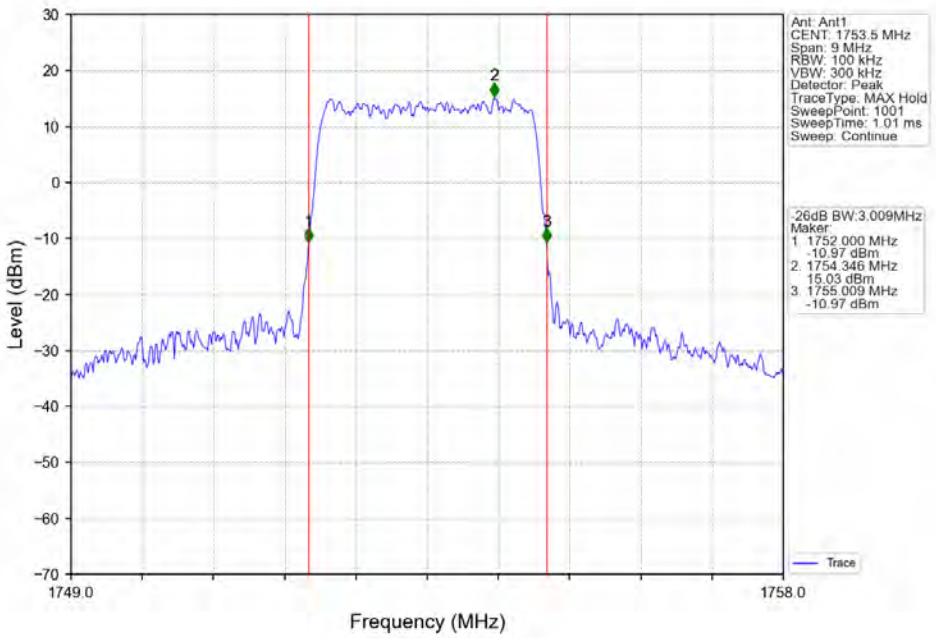
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



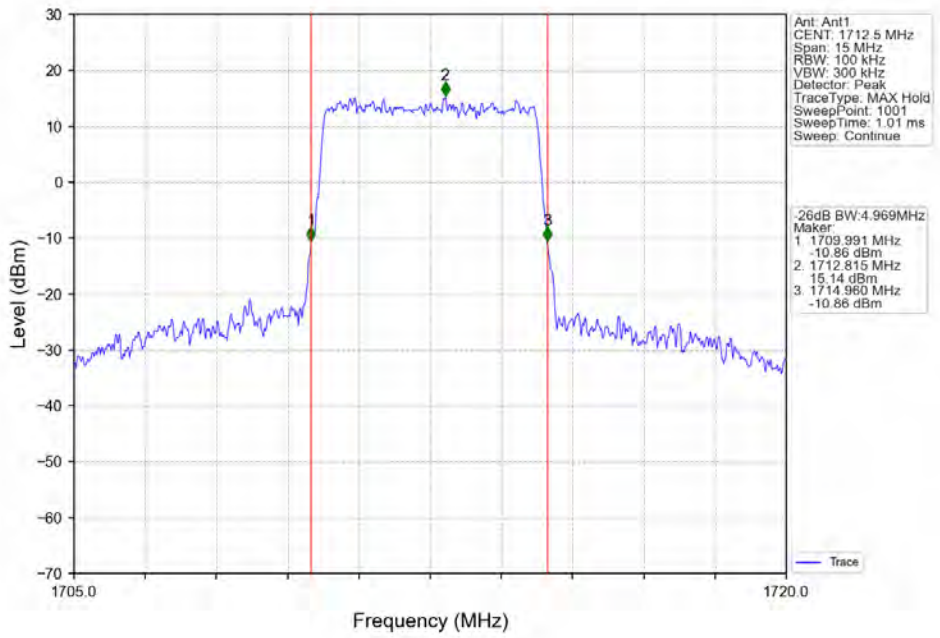
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



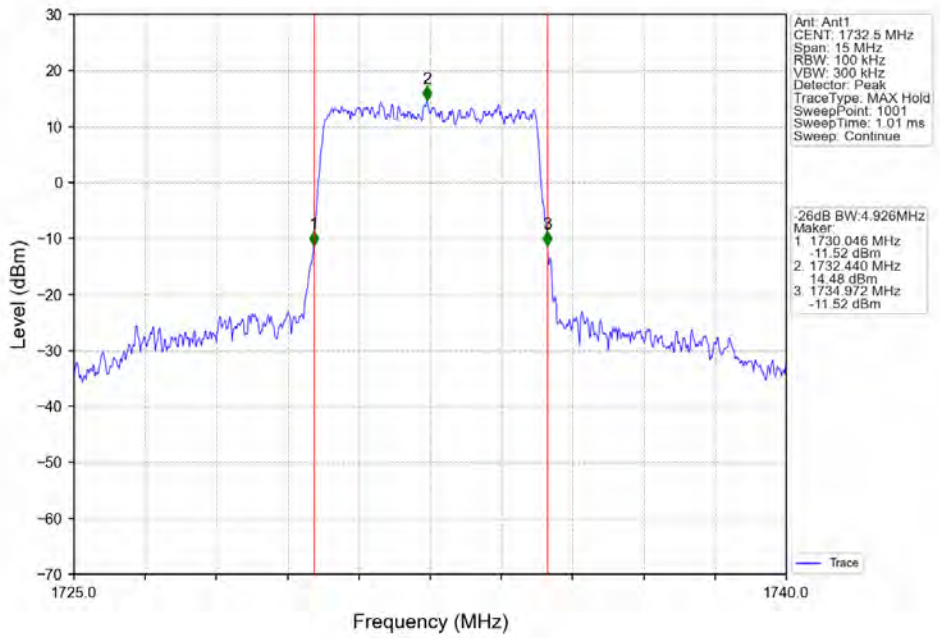
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



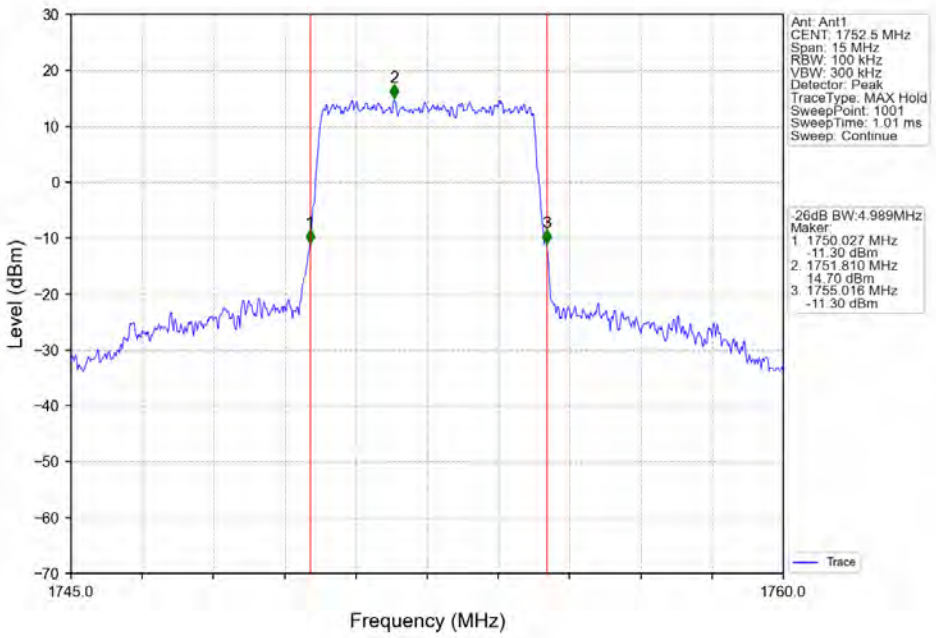
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



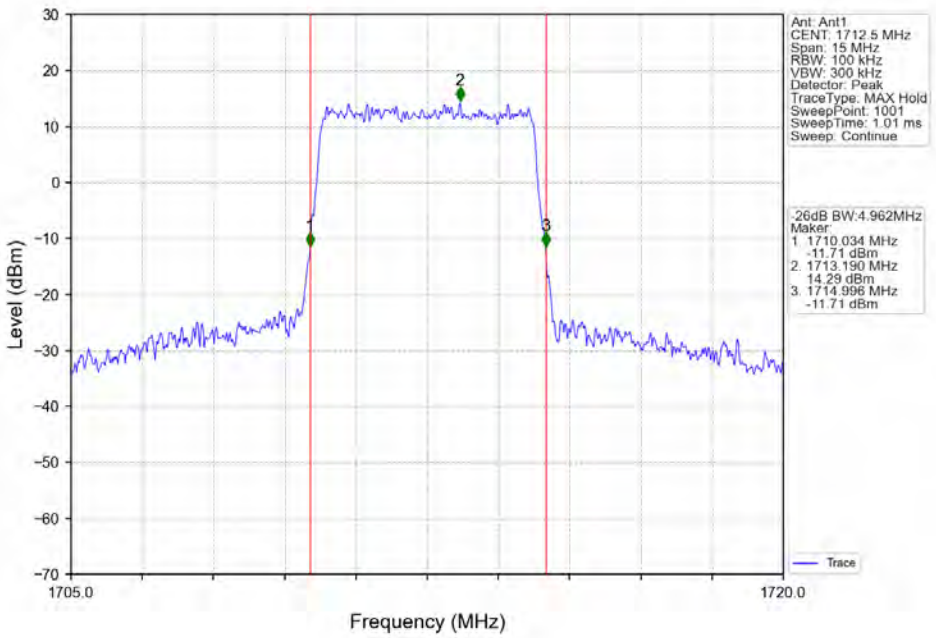
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



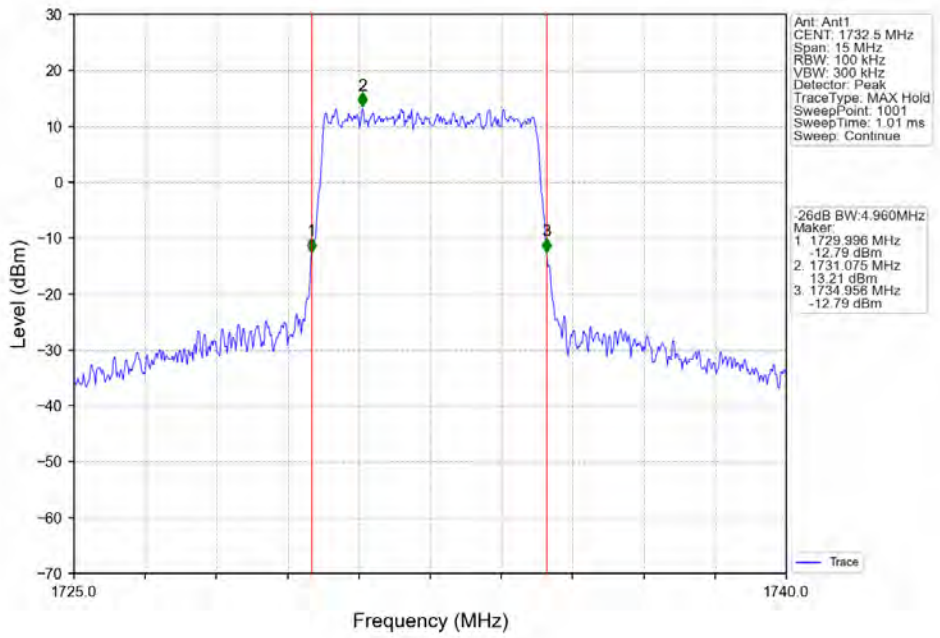
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



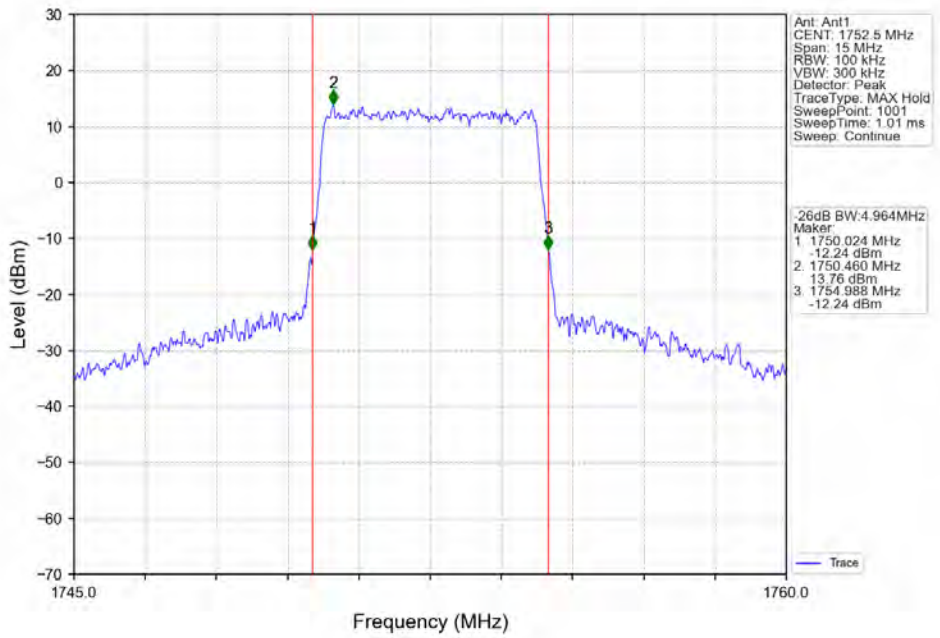
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



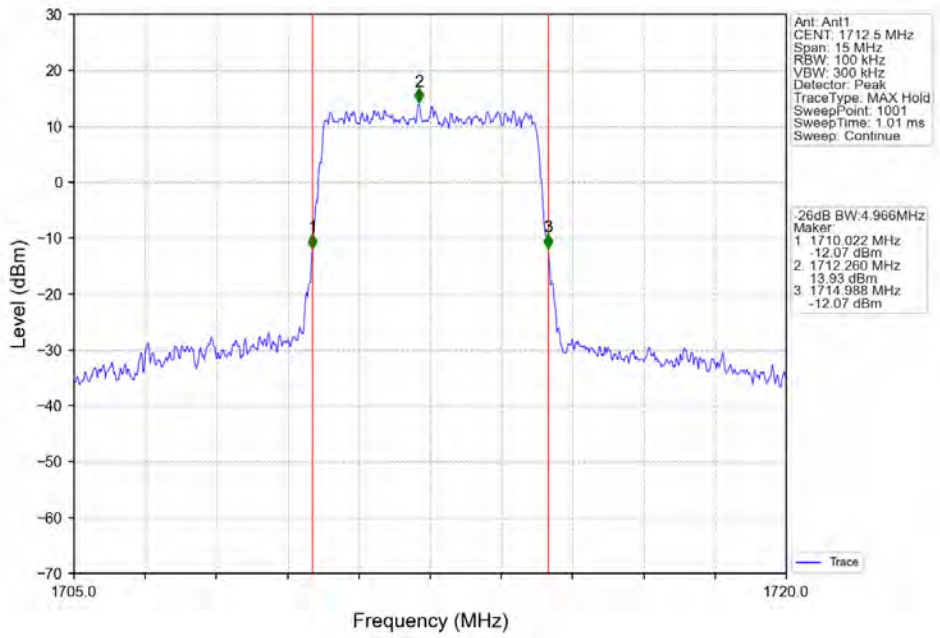
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



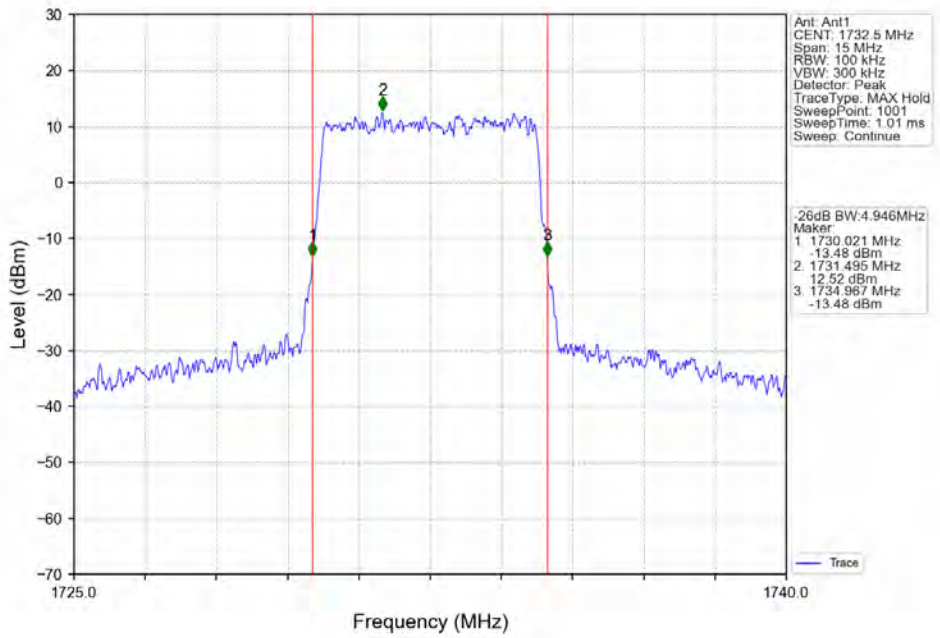
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



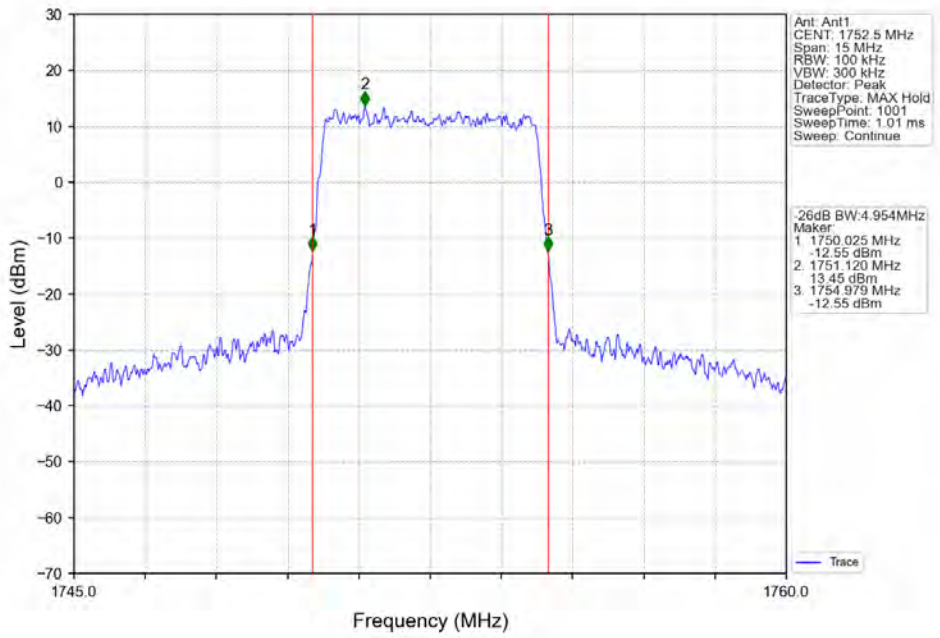
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



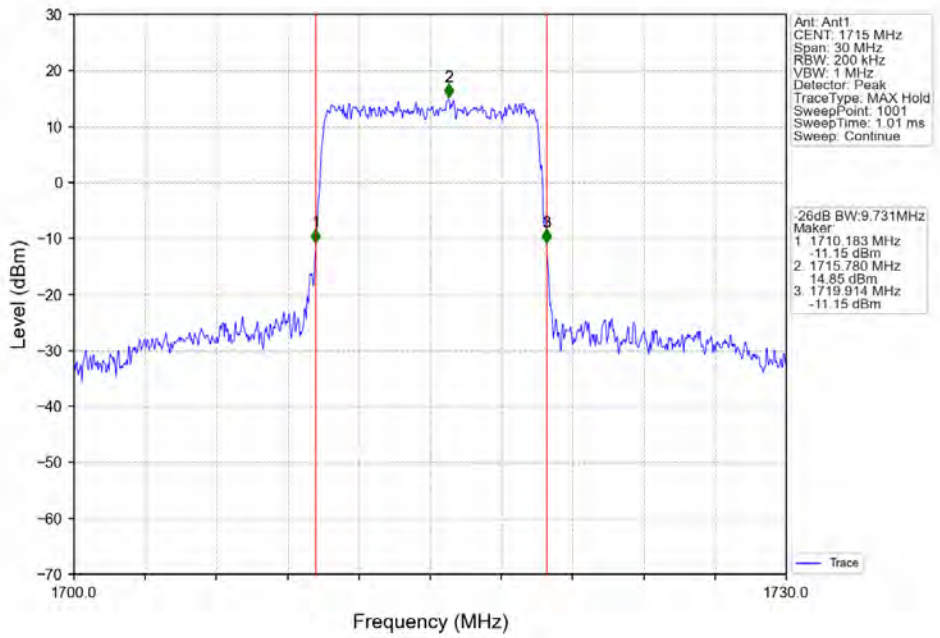
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



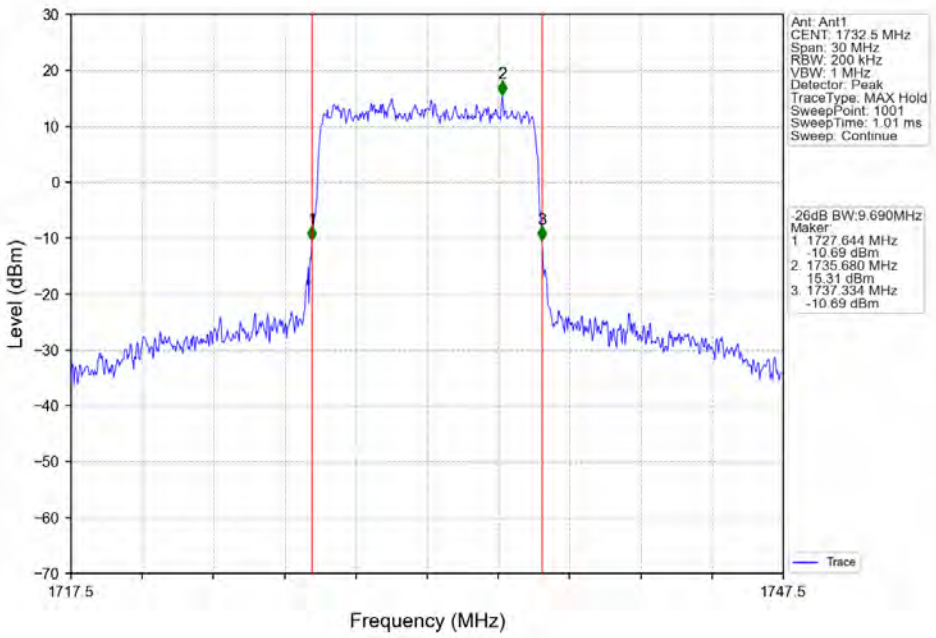
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



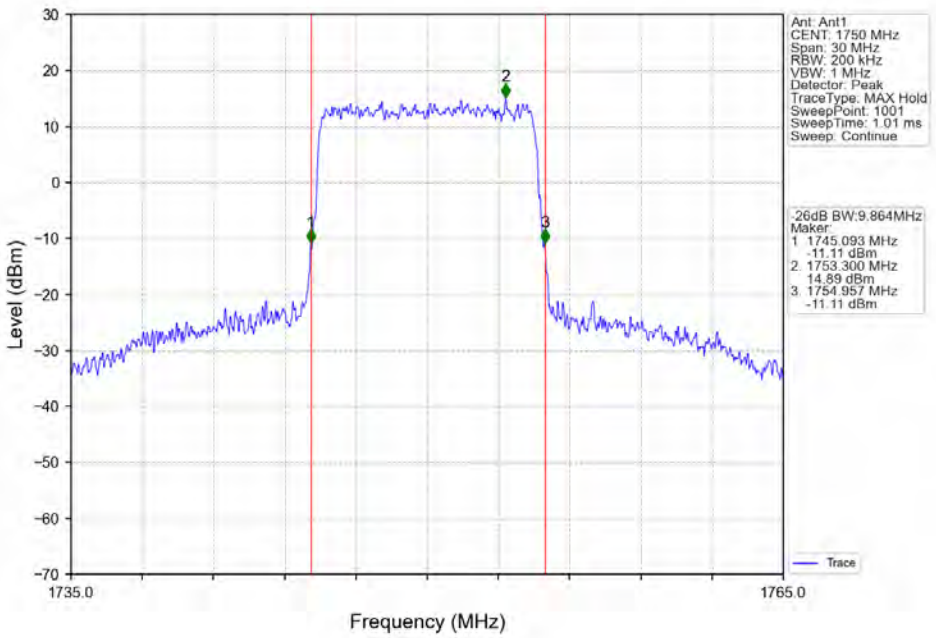
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



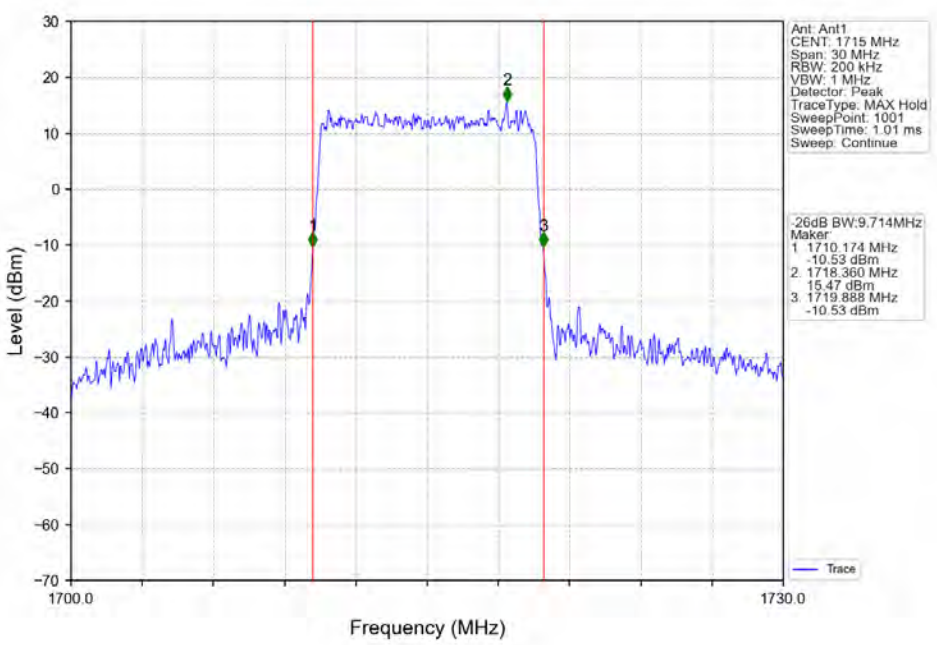
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



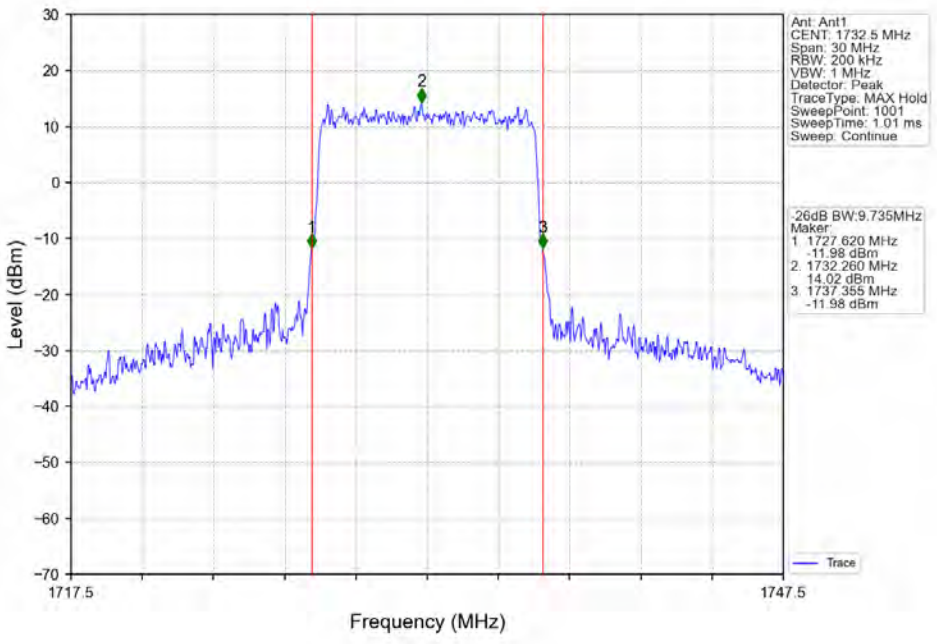
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



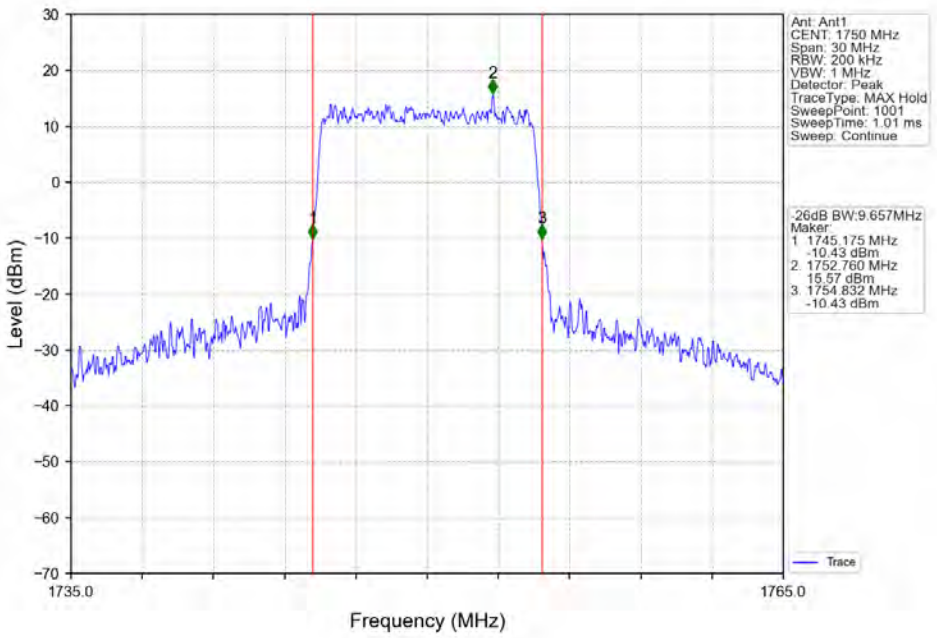
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



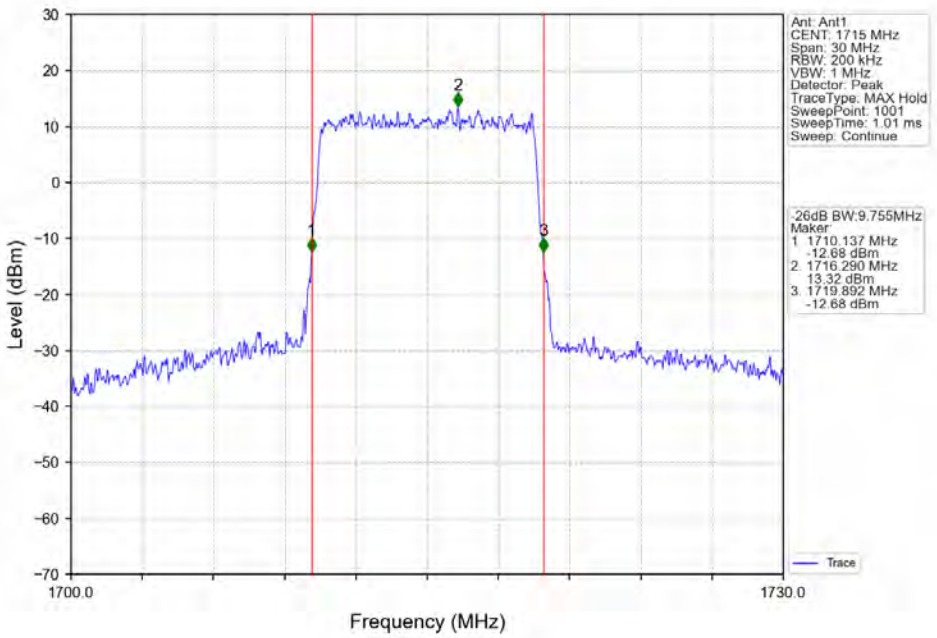
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



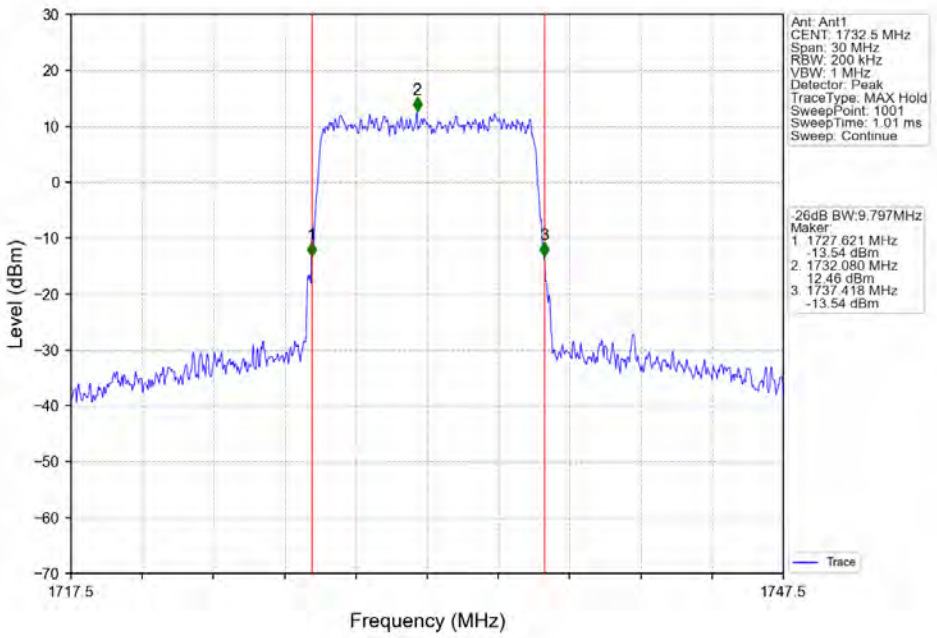
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



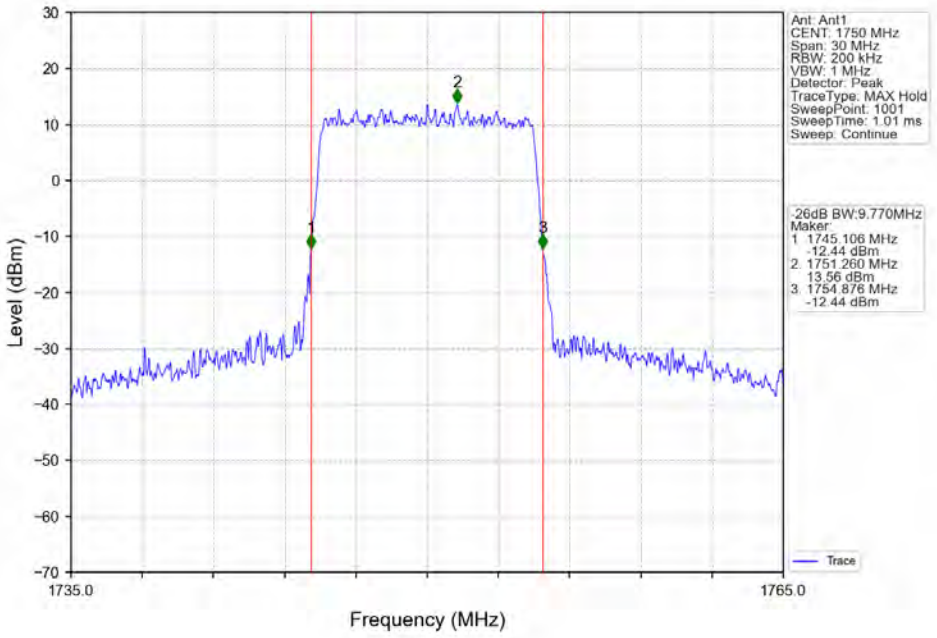
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



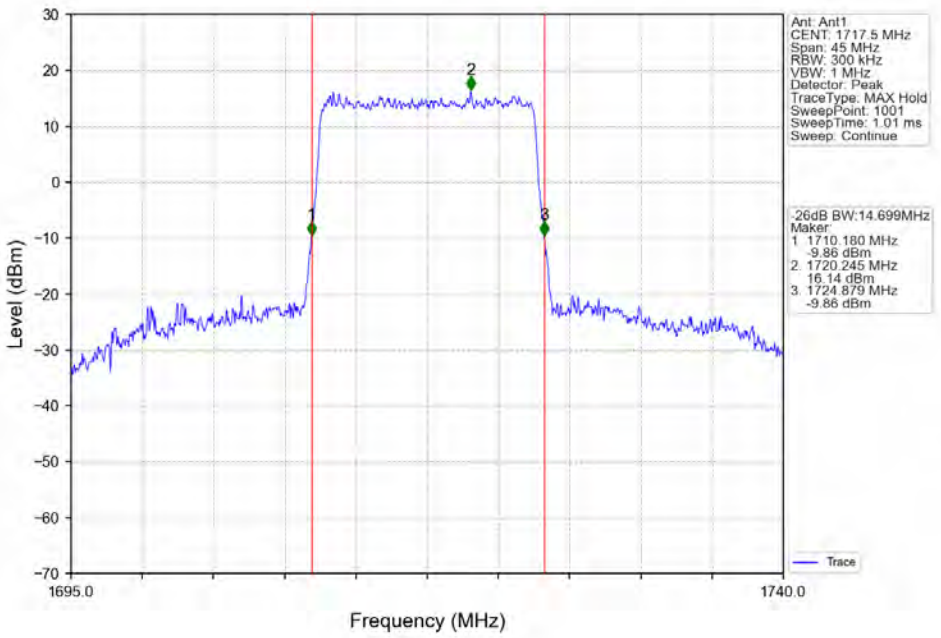
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



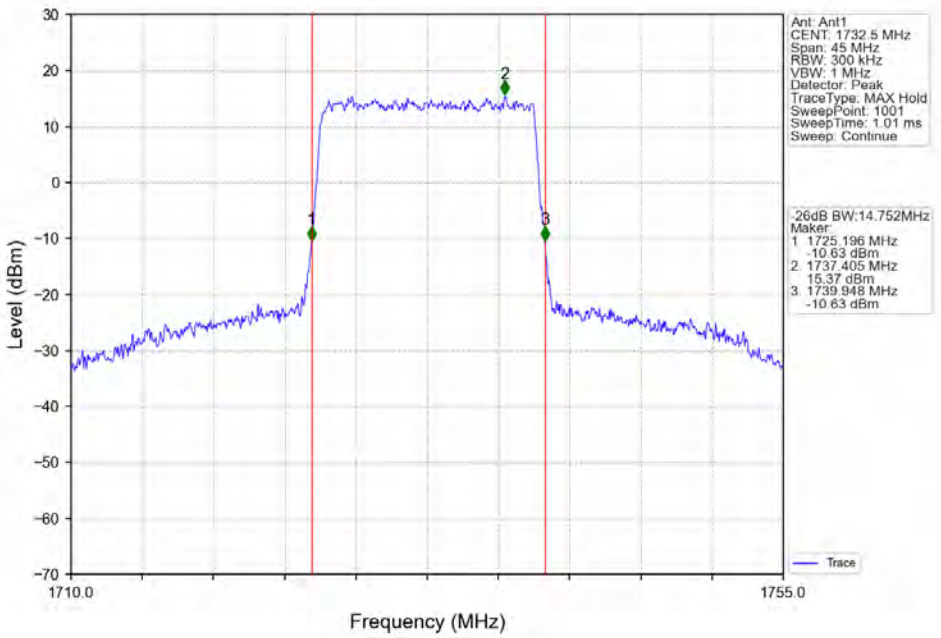
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



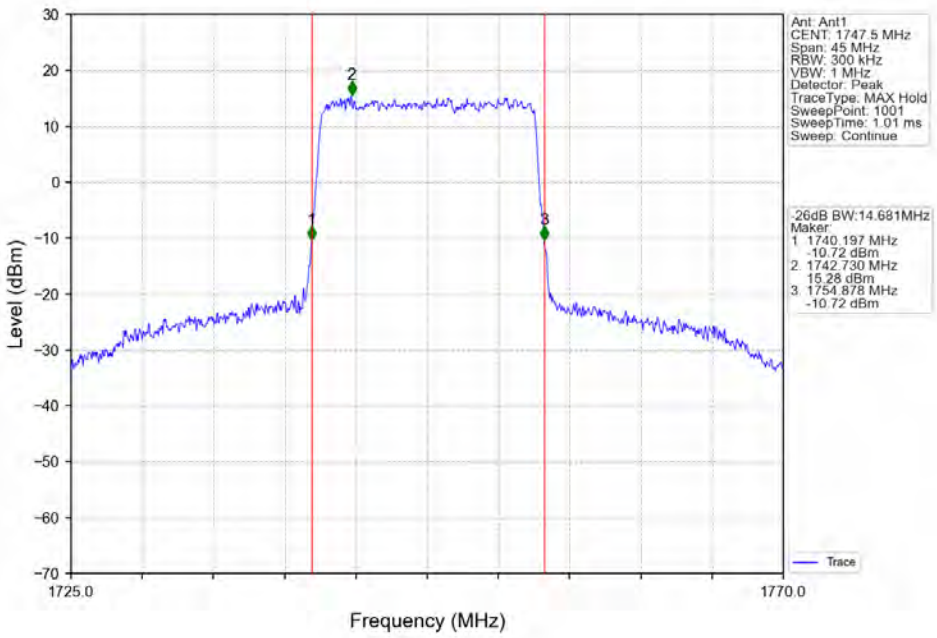
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



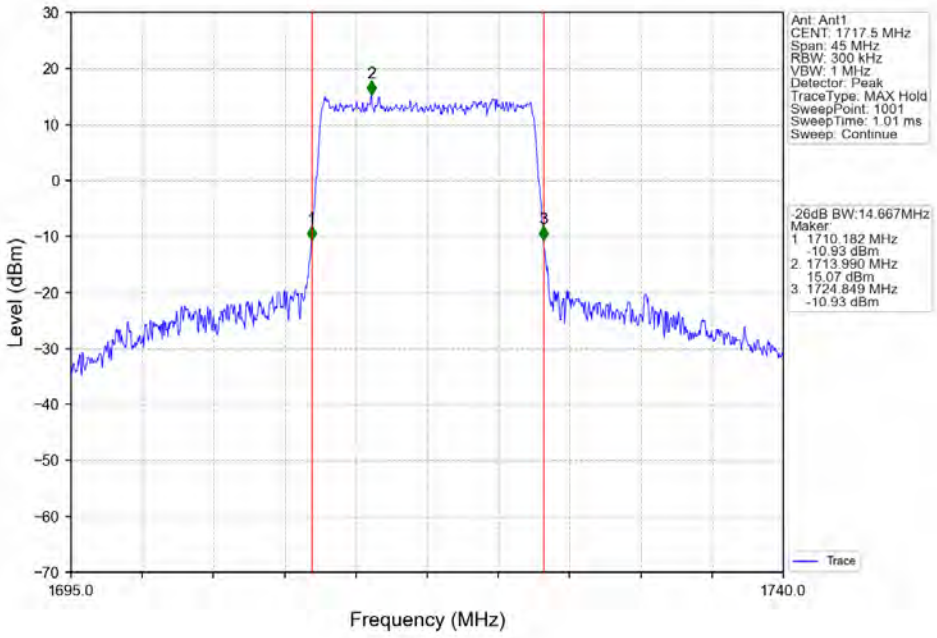
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



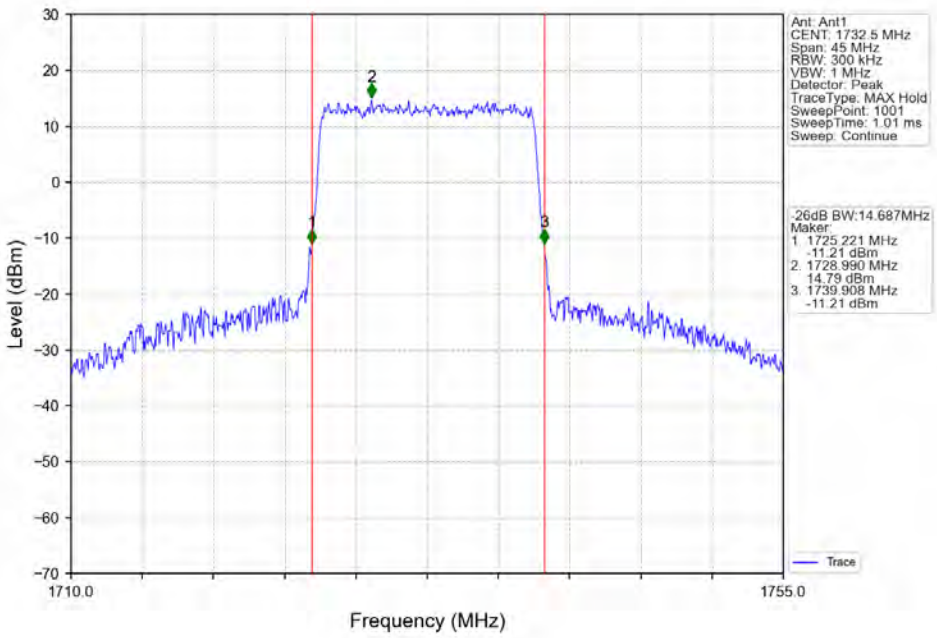
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



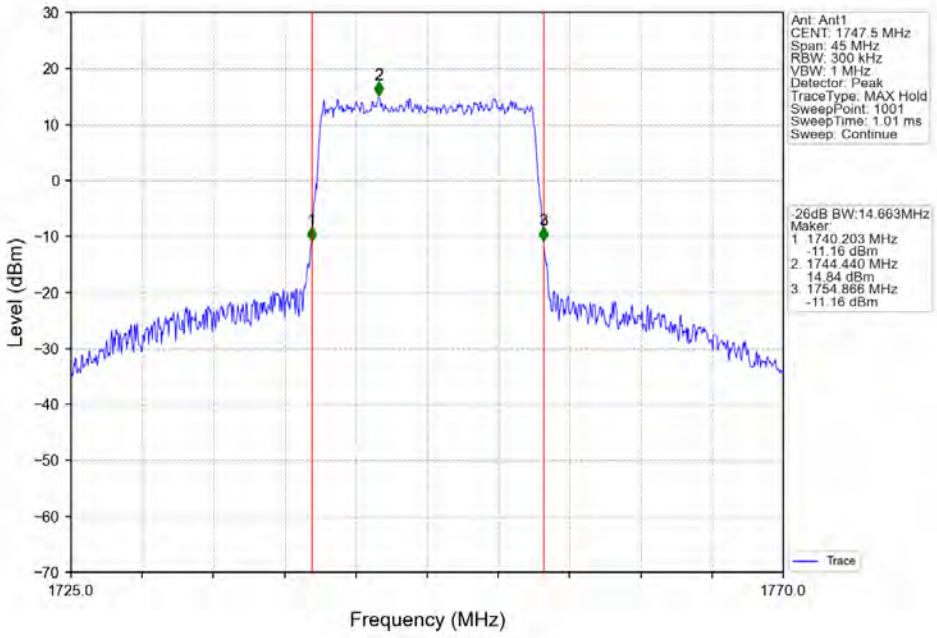
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



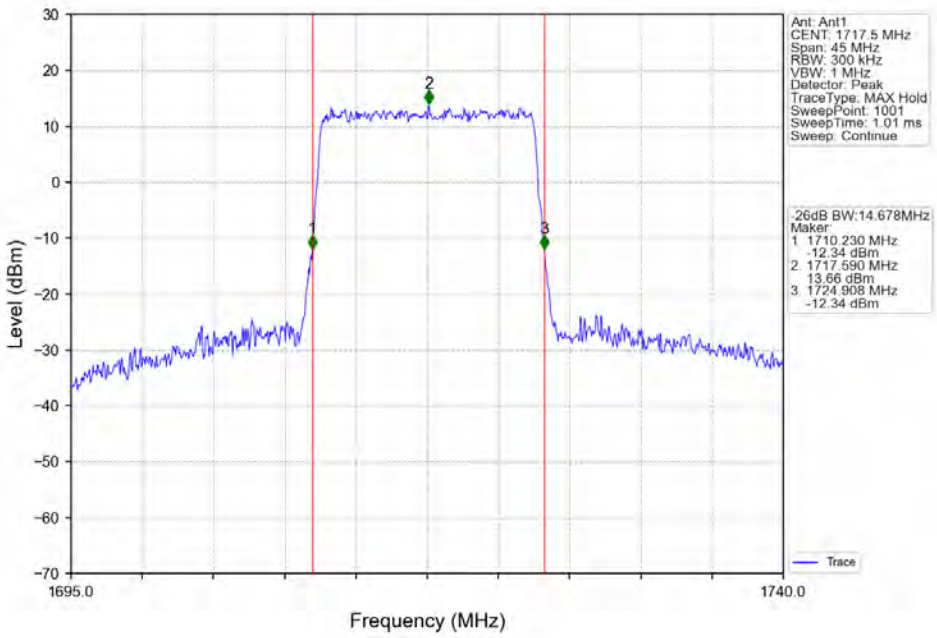
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



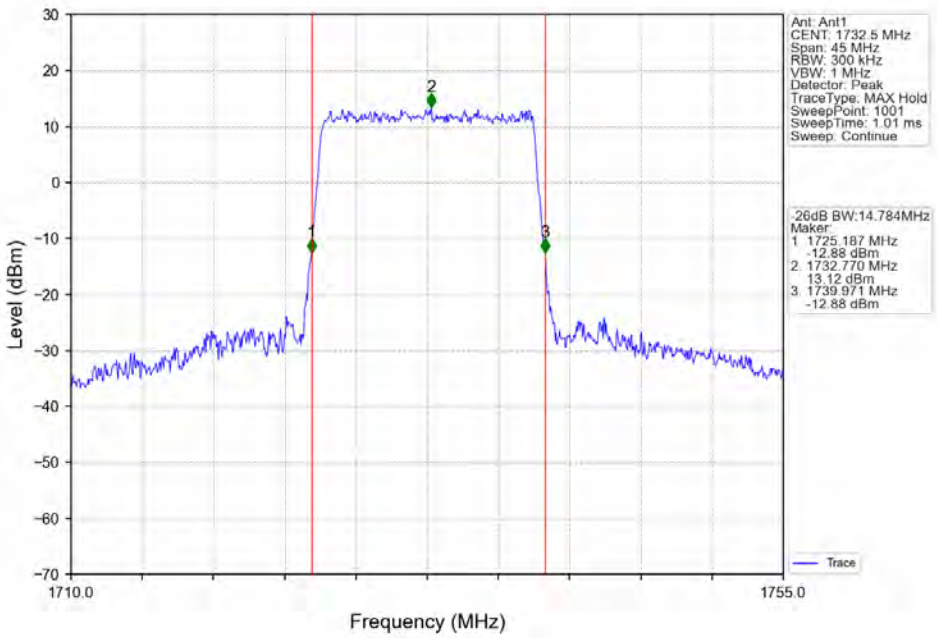
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



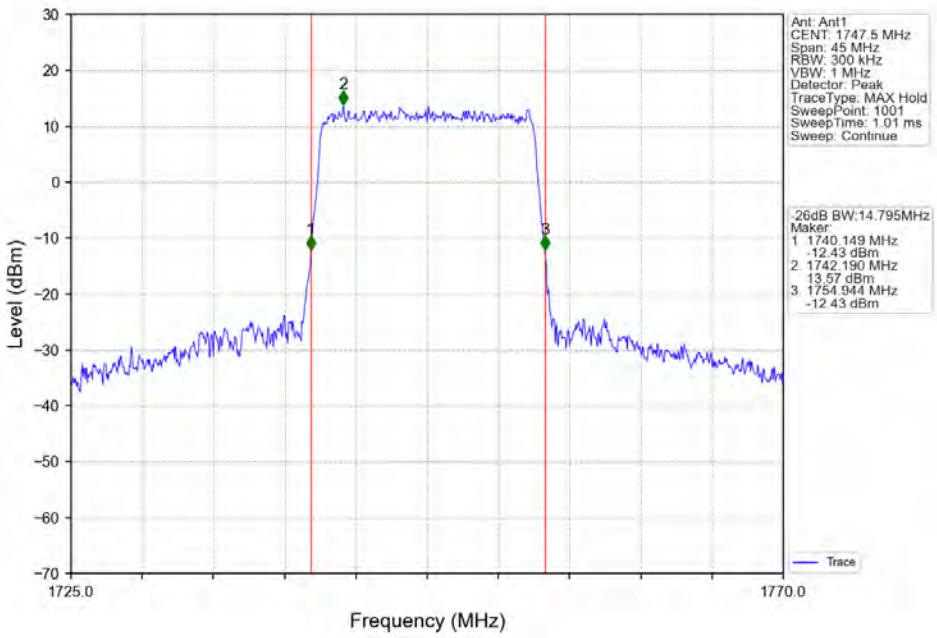
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



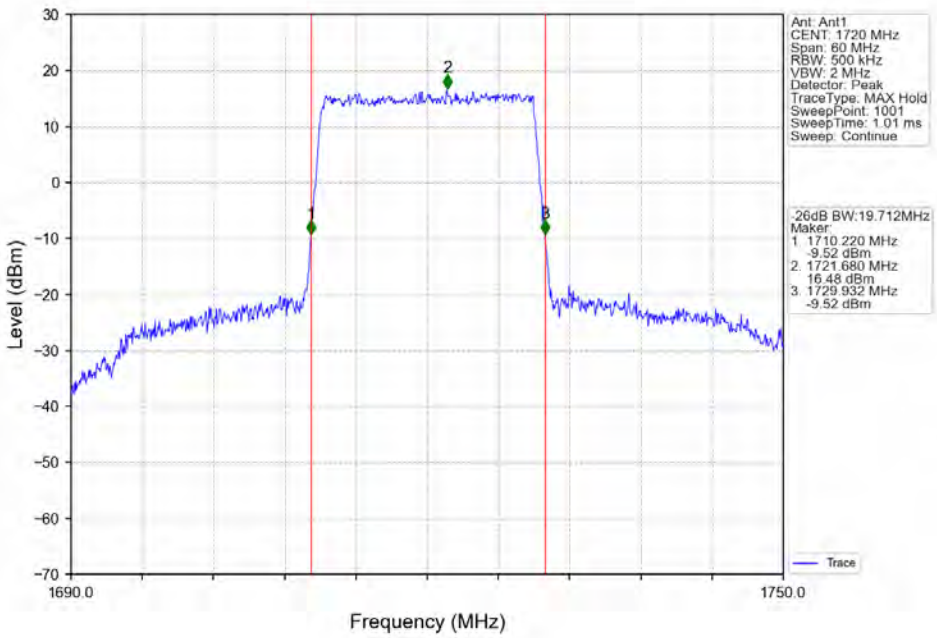
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



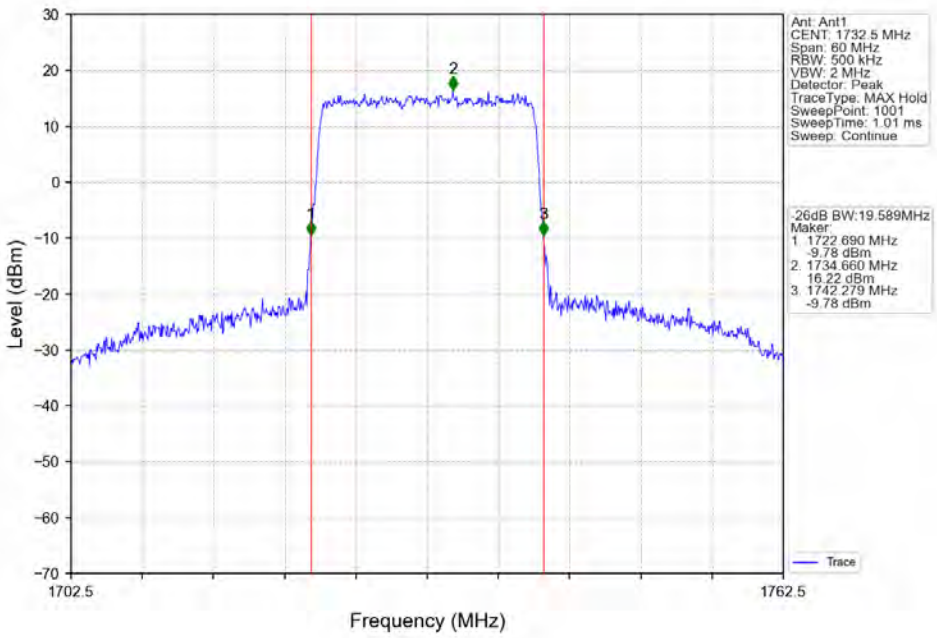
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



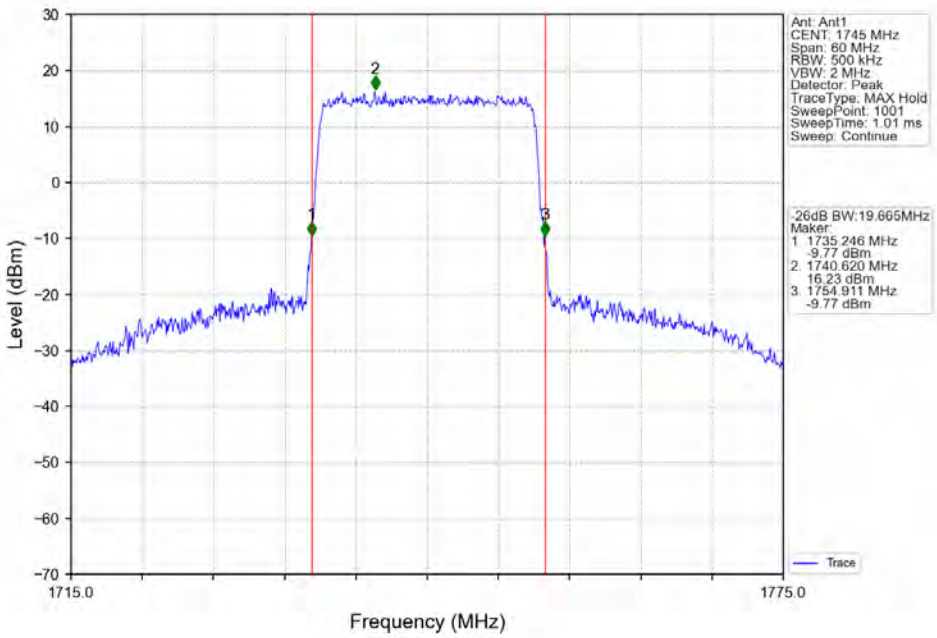
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



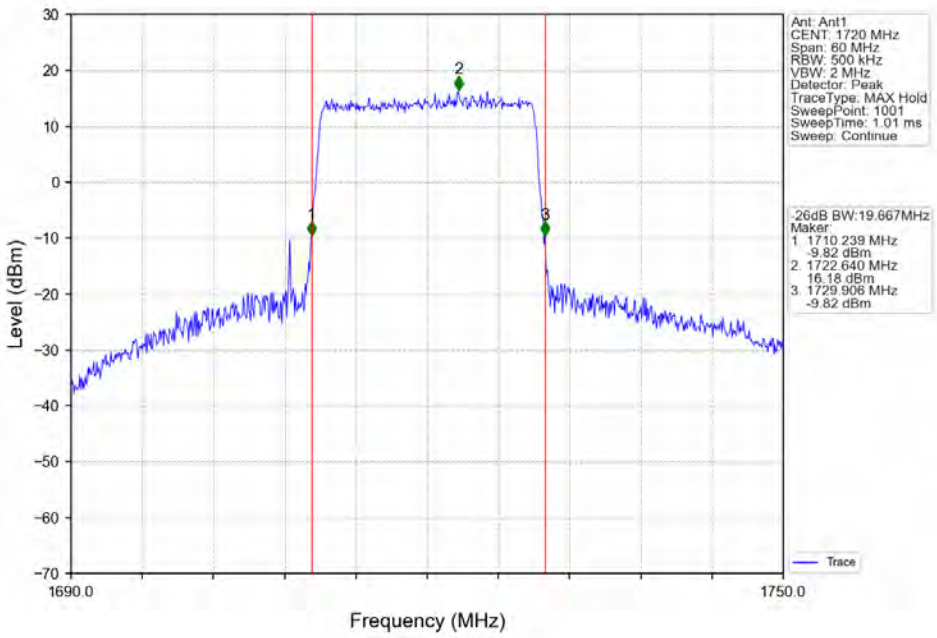
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



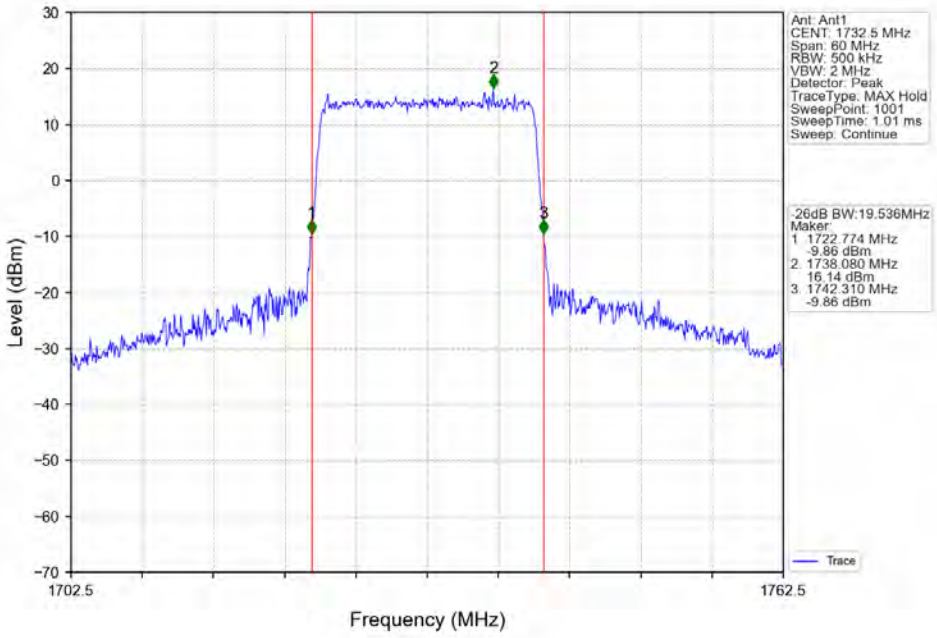
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



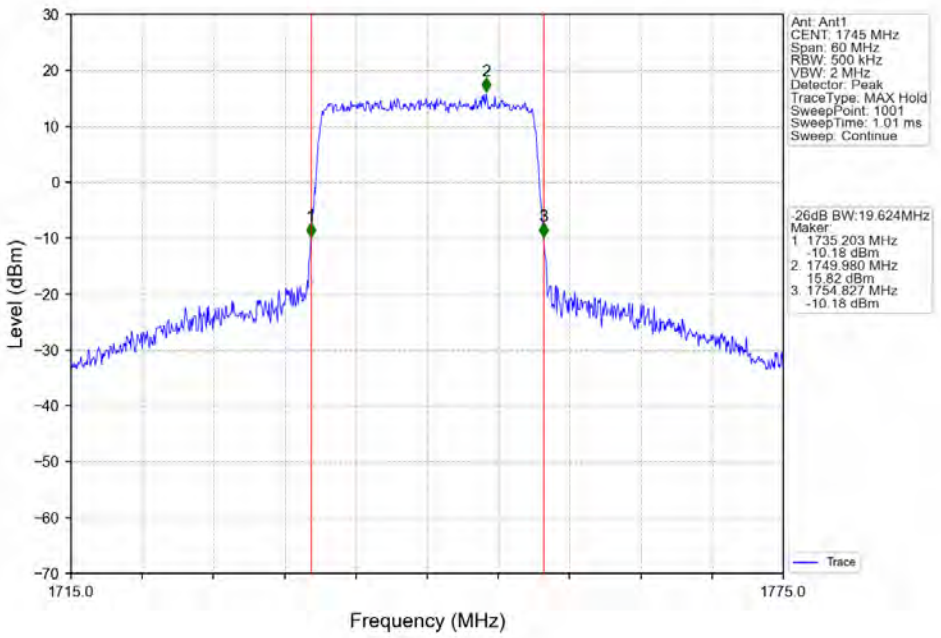
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



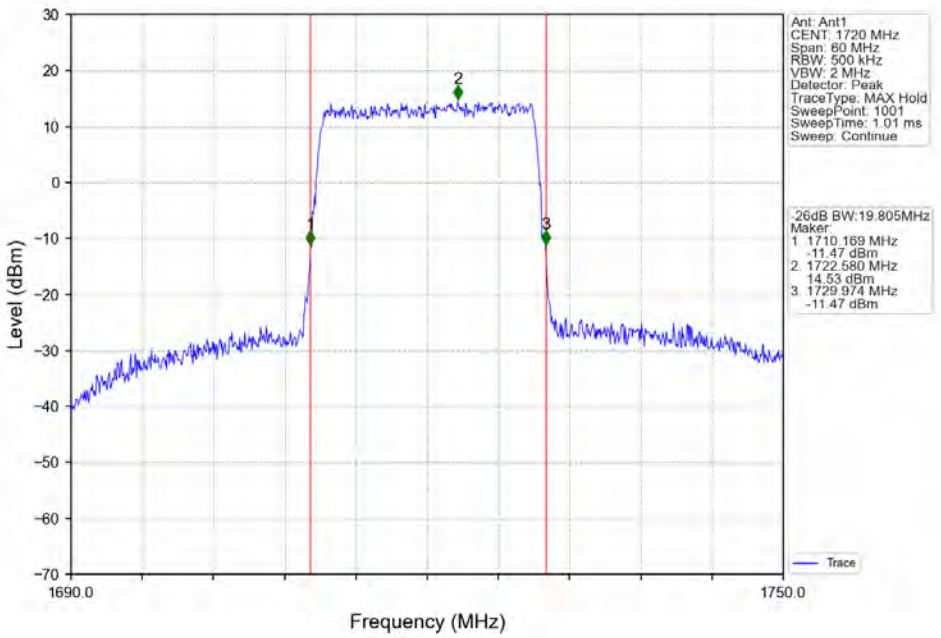
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



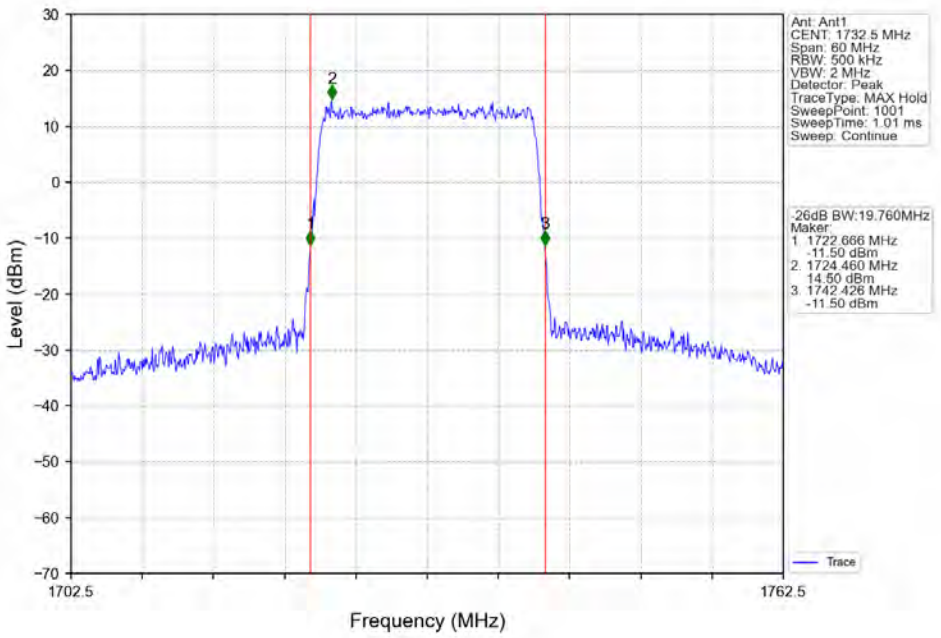
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



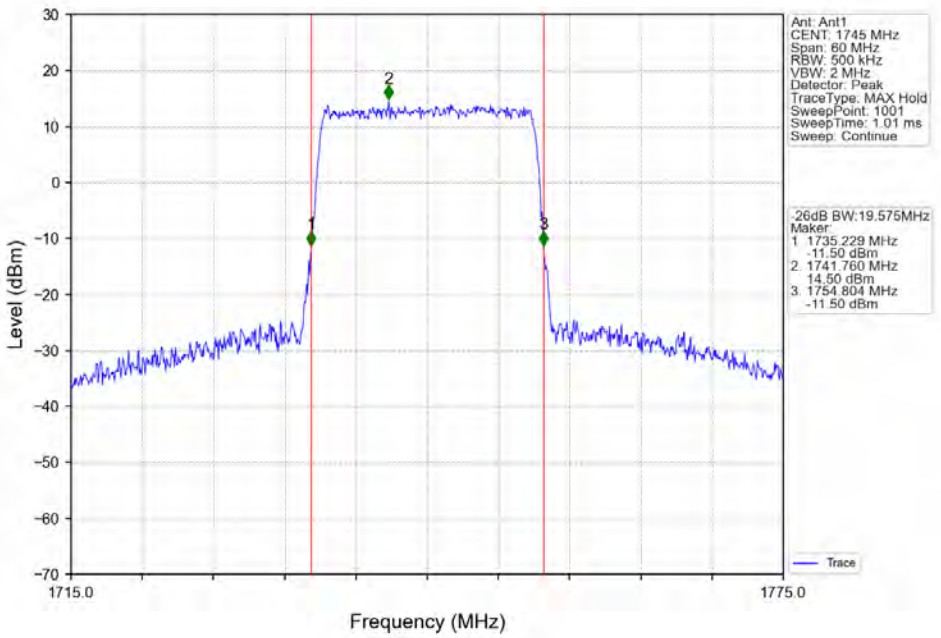
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

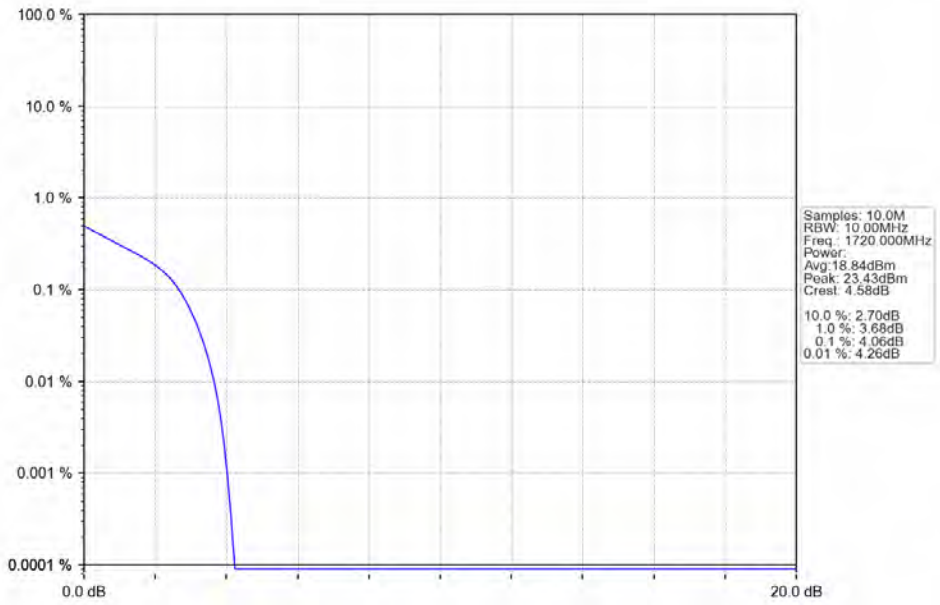
4.1 B4_20MHz

4.1.1 Test Result

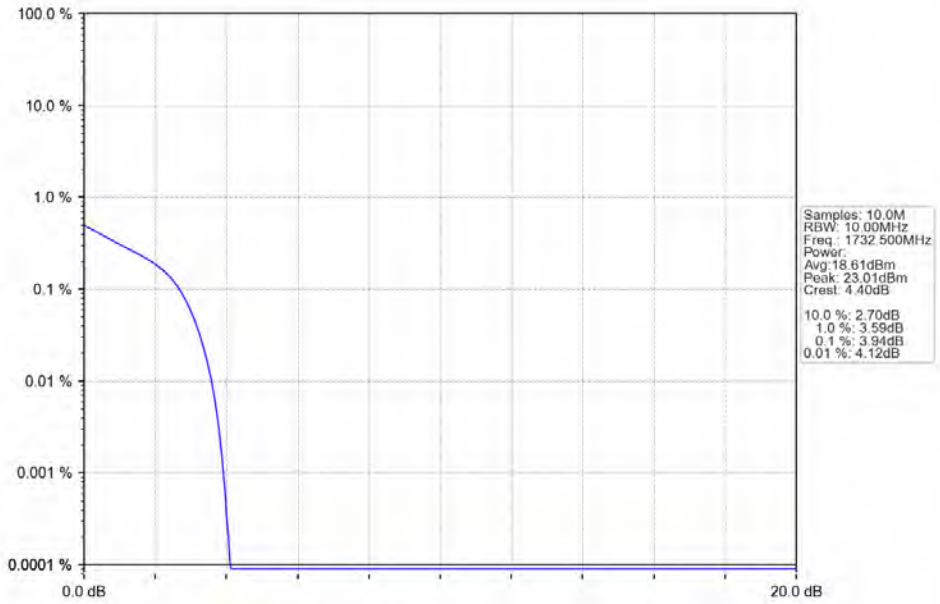
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.06	<=13	Pass
	1732.5	100	0	3.94	<=13	Pass
	1745	100	0	3.91	<=13	Pass
16QAM	1720	100	0	5.80	<=13	Pass
	1732.5	100	0	5.71	<=13	Pass
	1745	100	0	5.68	<=13	Pass
64QAM	1720	100	0	6.23	<=13	Pass
	1732.5	100	0	6.20	<=13	Pass
	1745	100	0	6.17	<=13	Pass

4.1.2 Test Graph

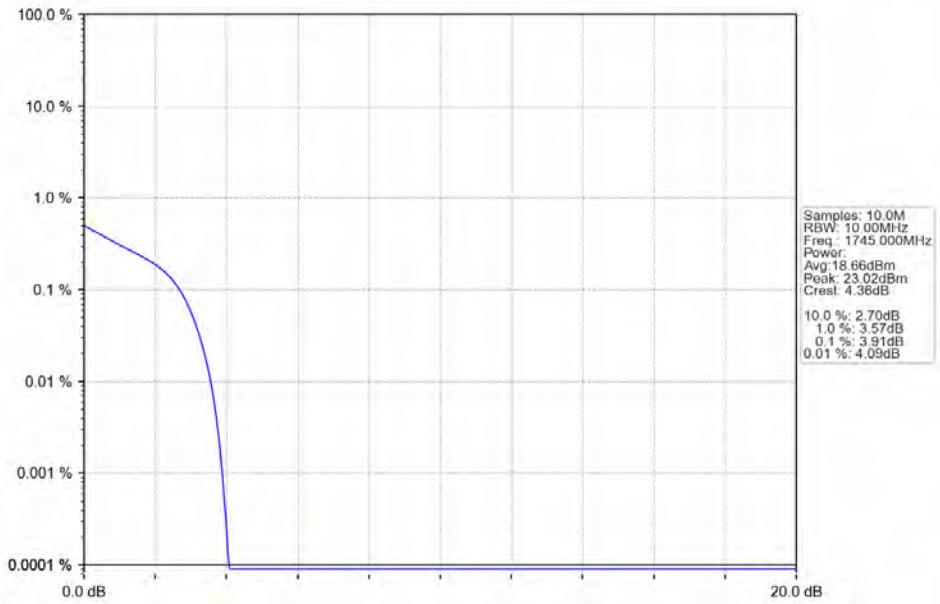
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



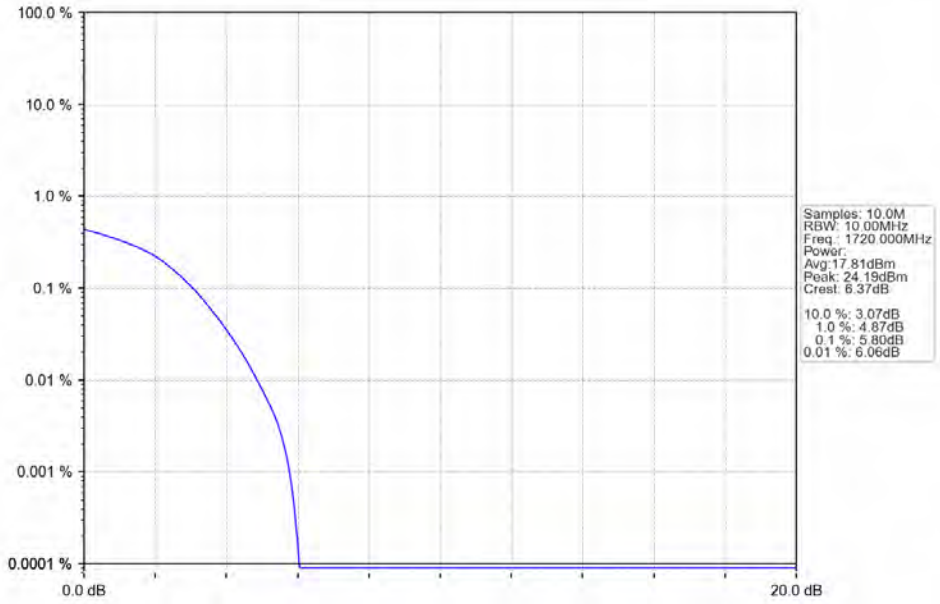
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



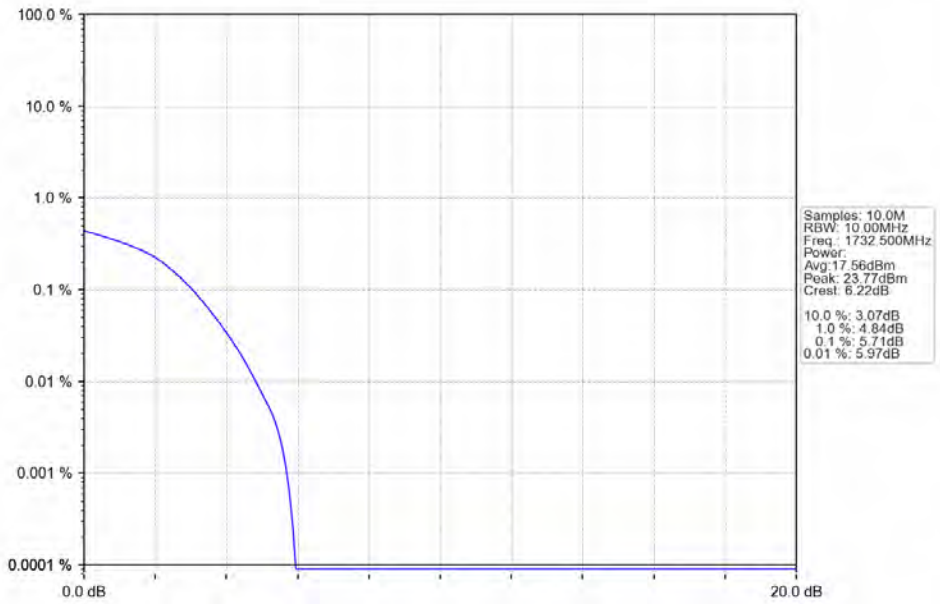
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



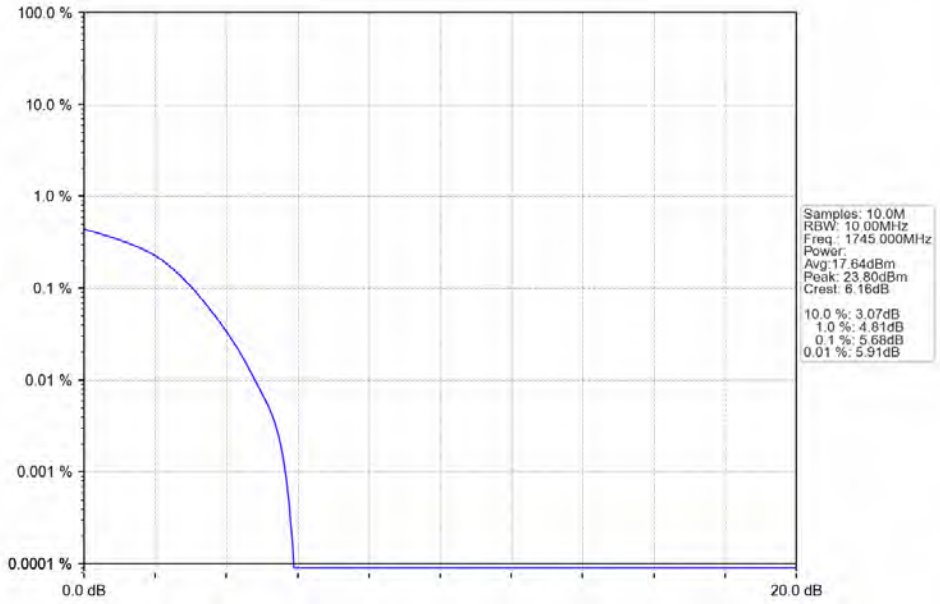
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



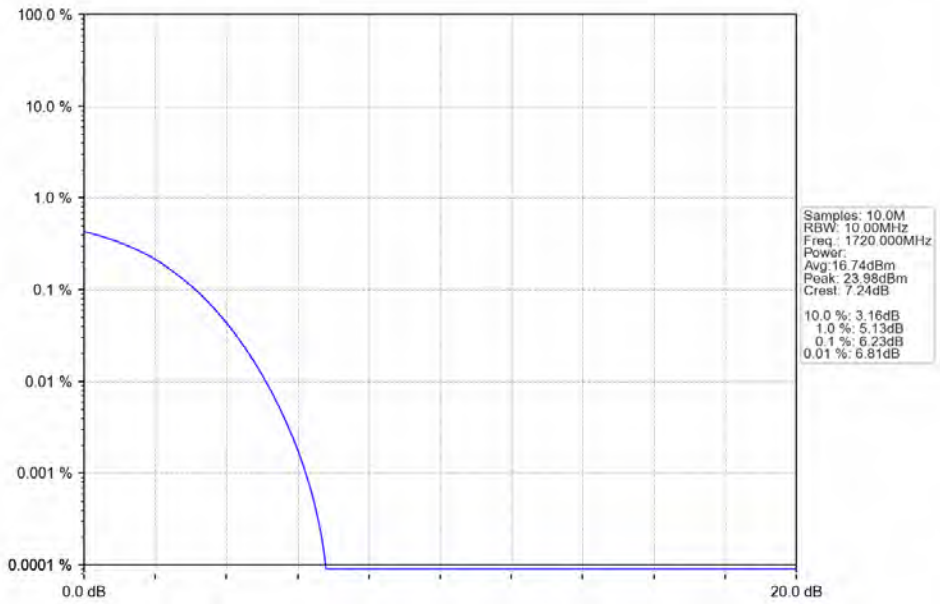
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



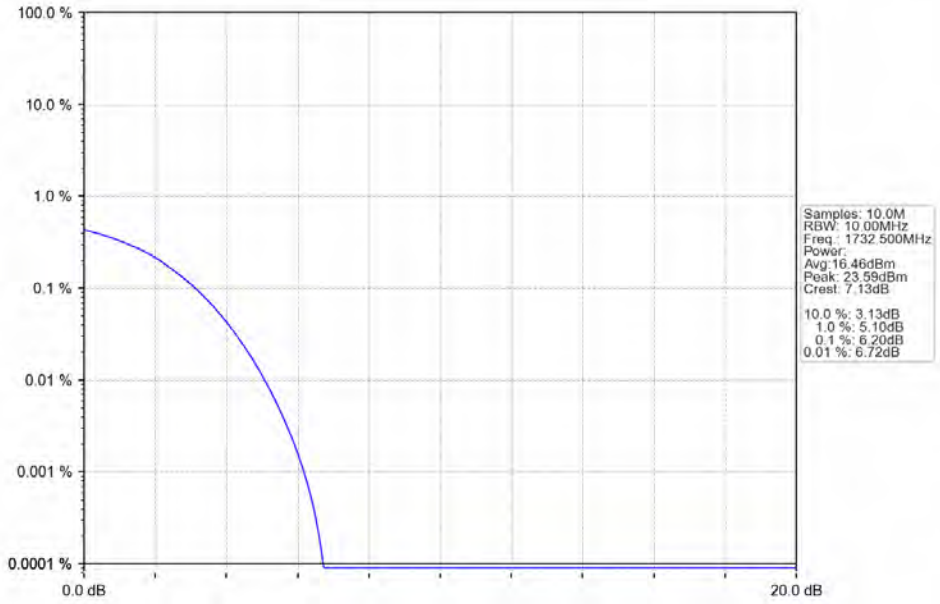
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



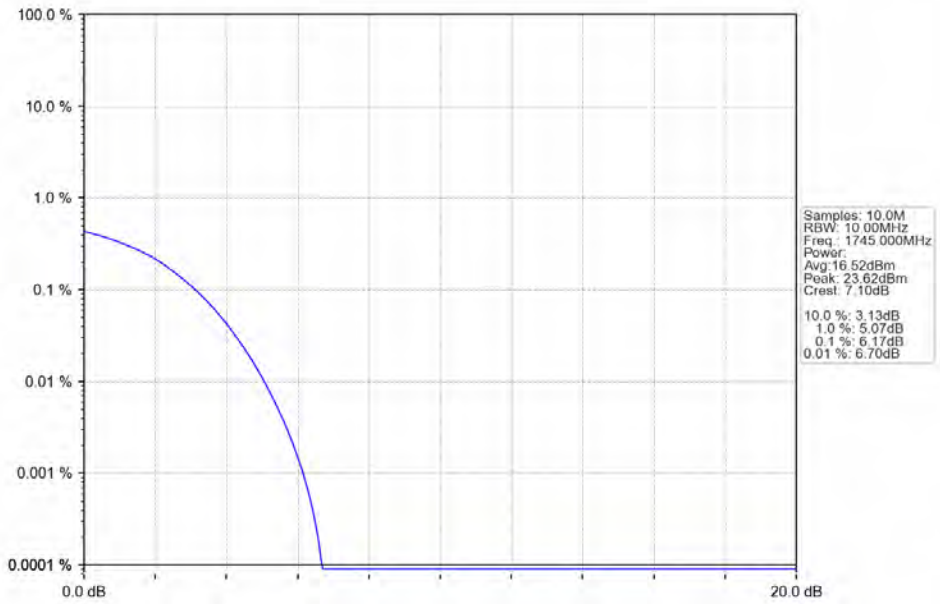
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

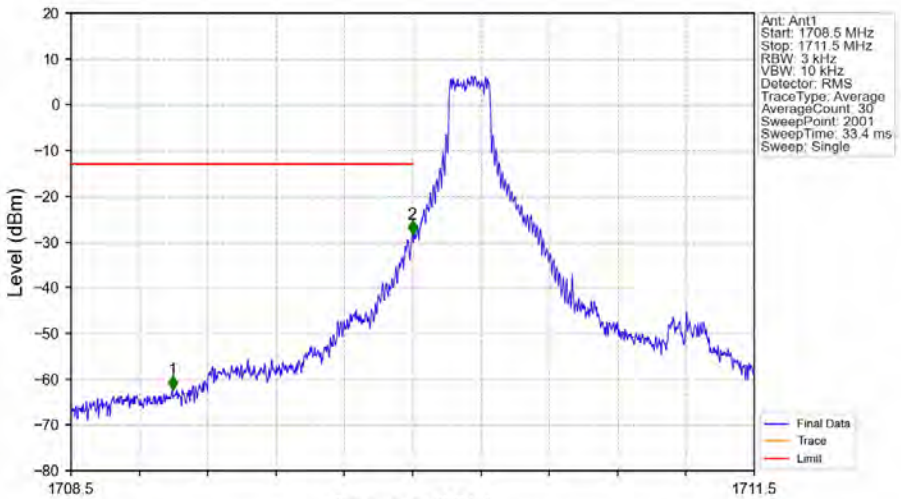
5.1 B4_1.4MHz

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

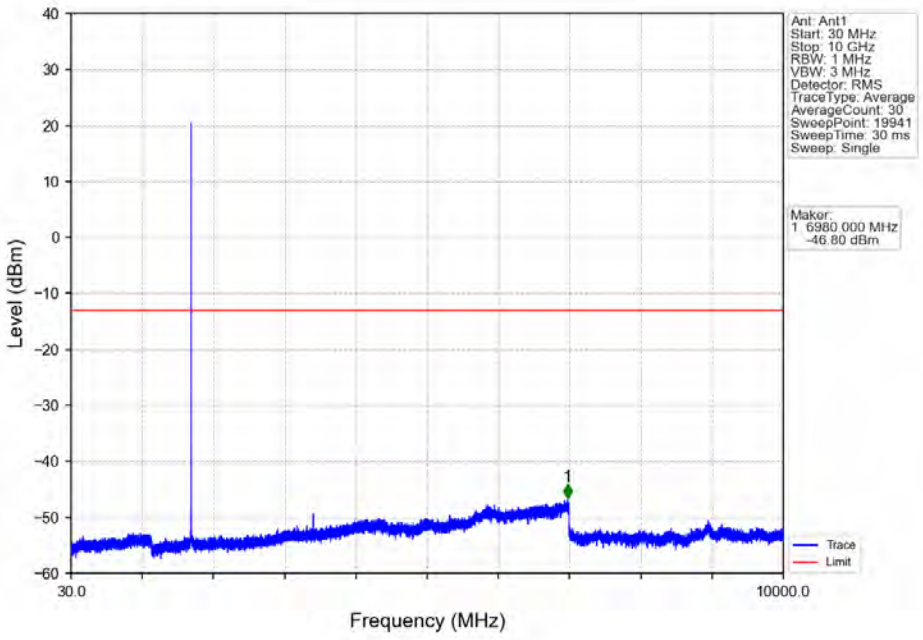
5.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

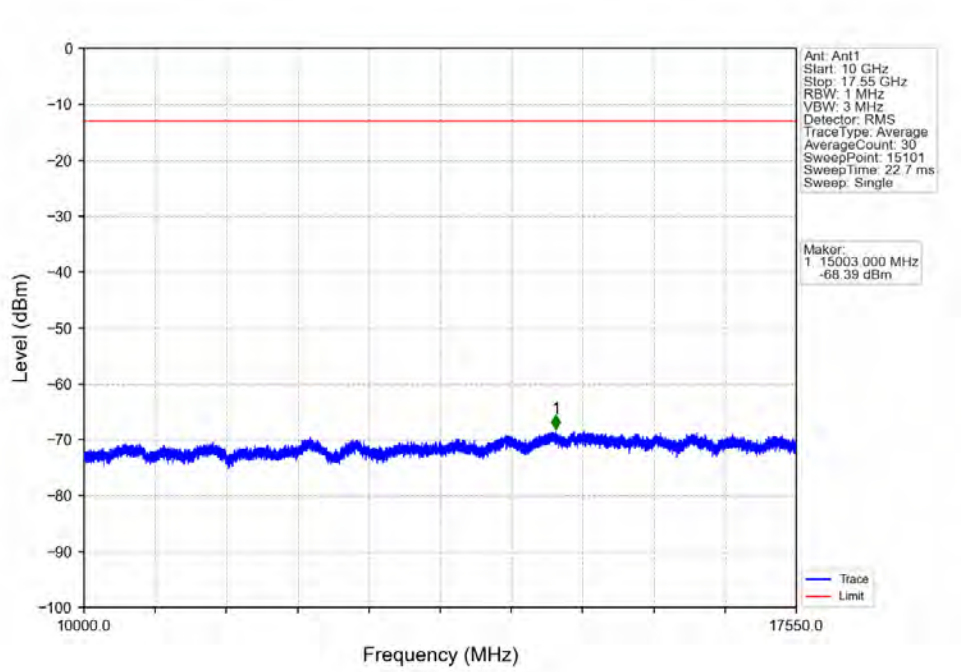


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.946	-62.30	-13	Pass
1709	1710	0.003	/	2	1709.998	-28.28	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

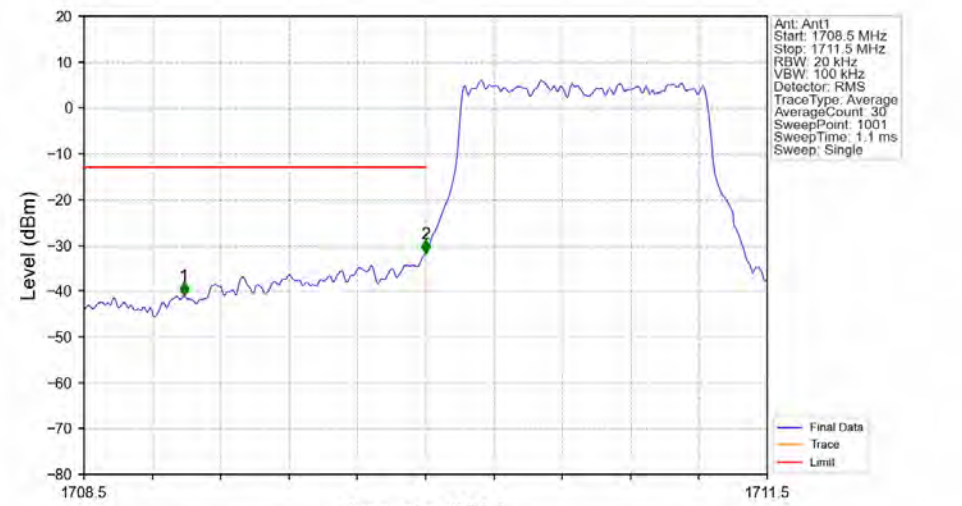
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

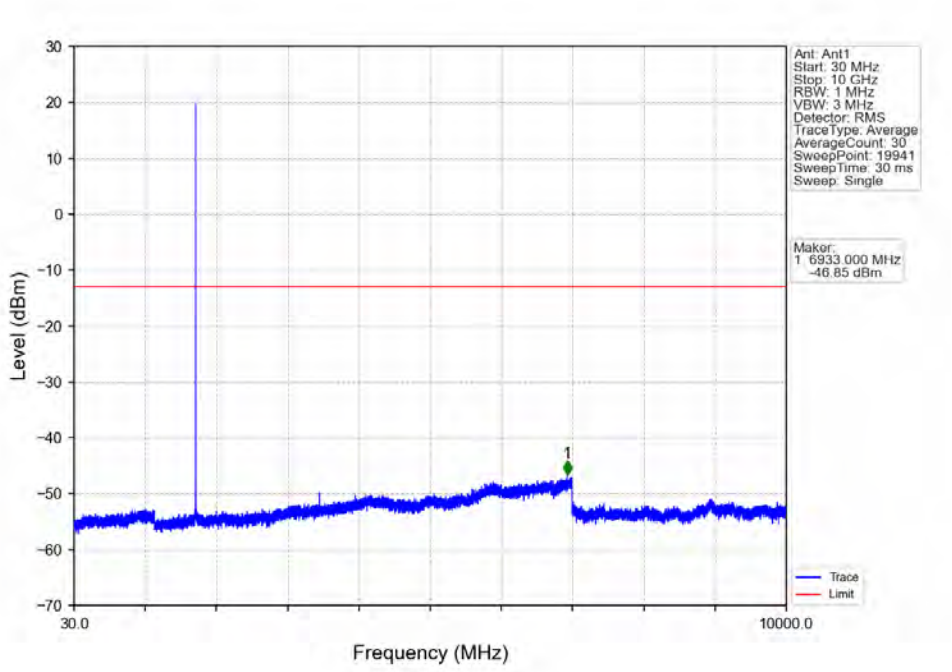


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

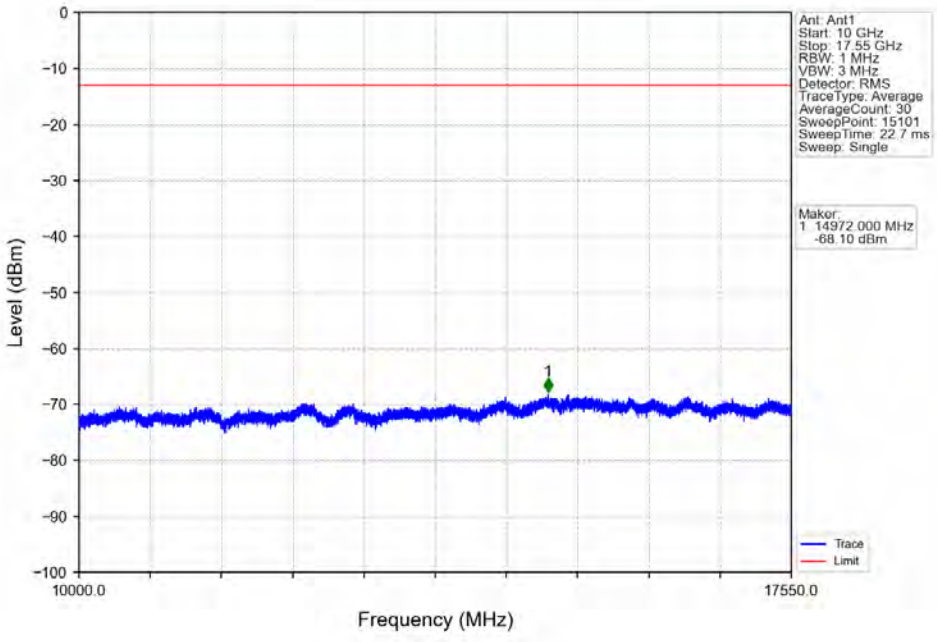


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.938	-41.07	-13	Pass
1709	1710	0.02	/	2	1710.000	-31.82	-13	Pass
1710	1711.5	0.02	/	/	/	/	/	/

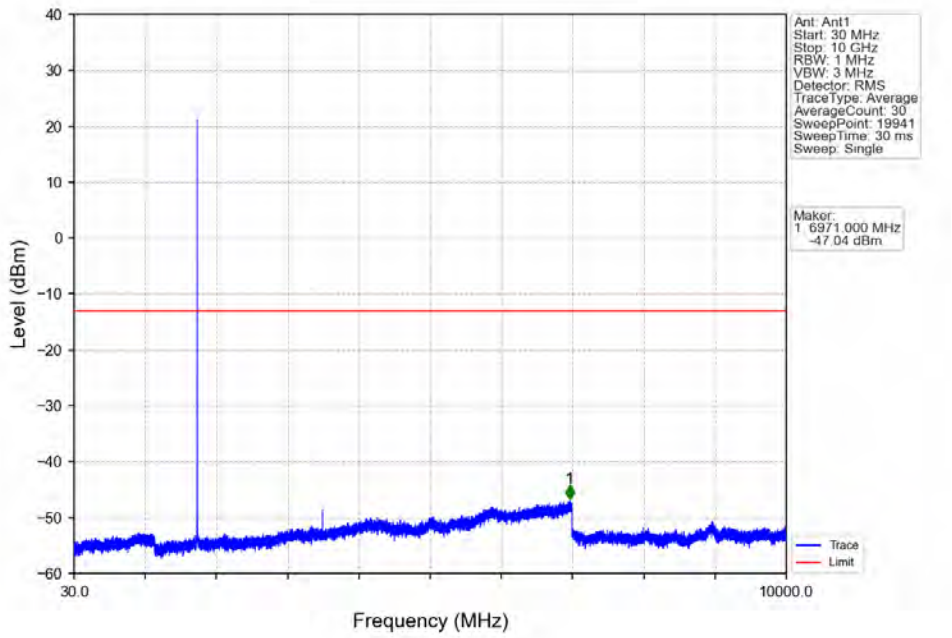
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



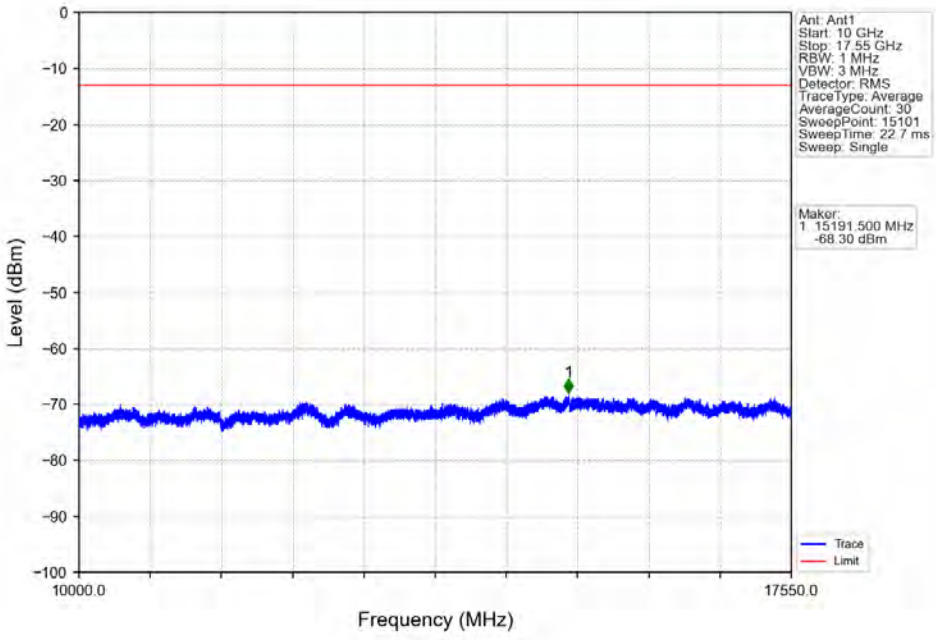
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



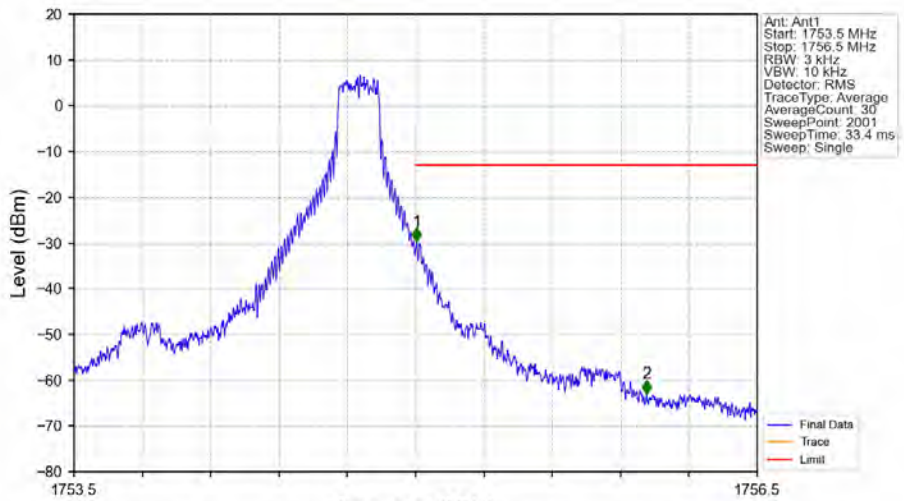
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

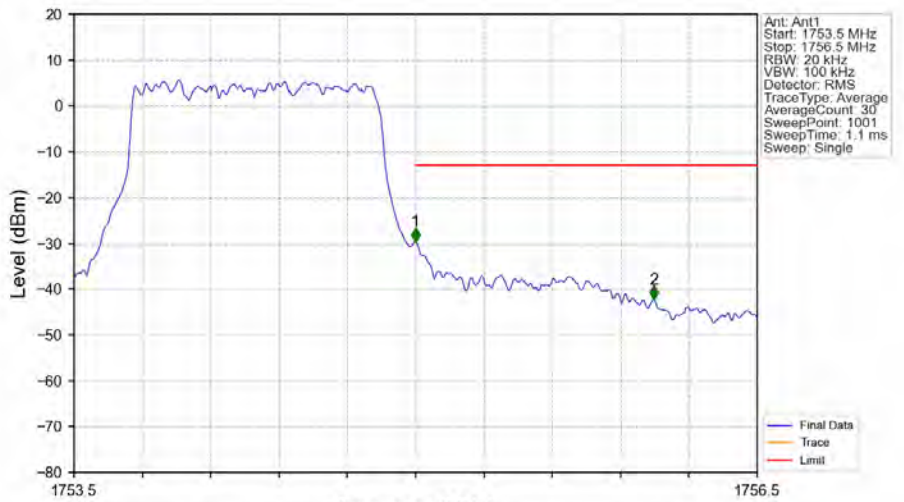


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	-29.72	-13	Pass
1756	1756.5	1	/	2	1756.015	-63.00	-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	0.02	/	/	/	/	/	/
1755	1756	0.02	/	1	1755.000	-29.64	-13	Pass
1756	1756.5	1	/	2	1756.047	-42.33	-13	Pass

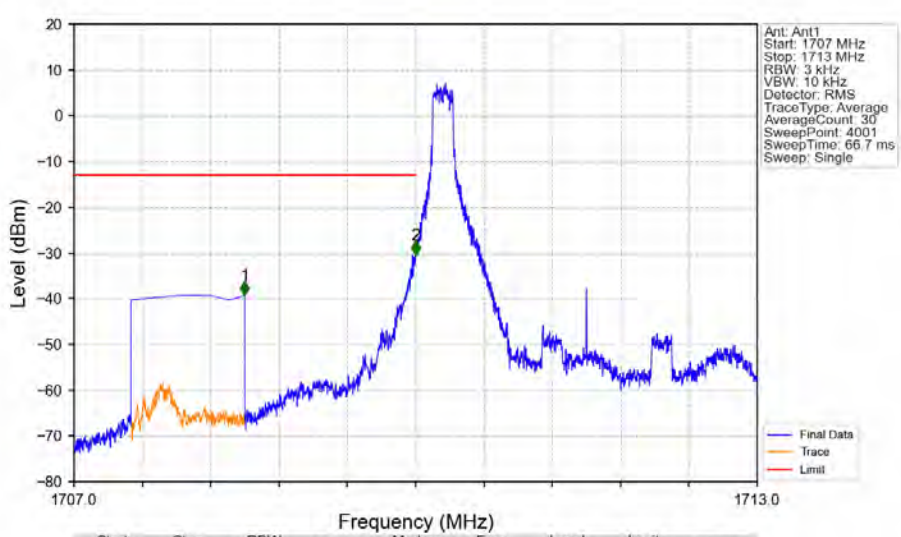
5.2 B4_3MHz

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

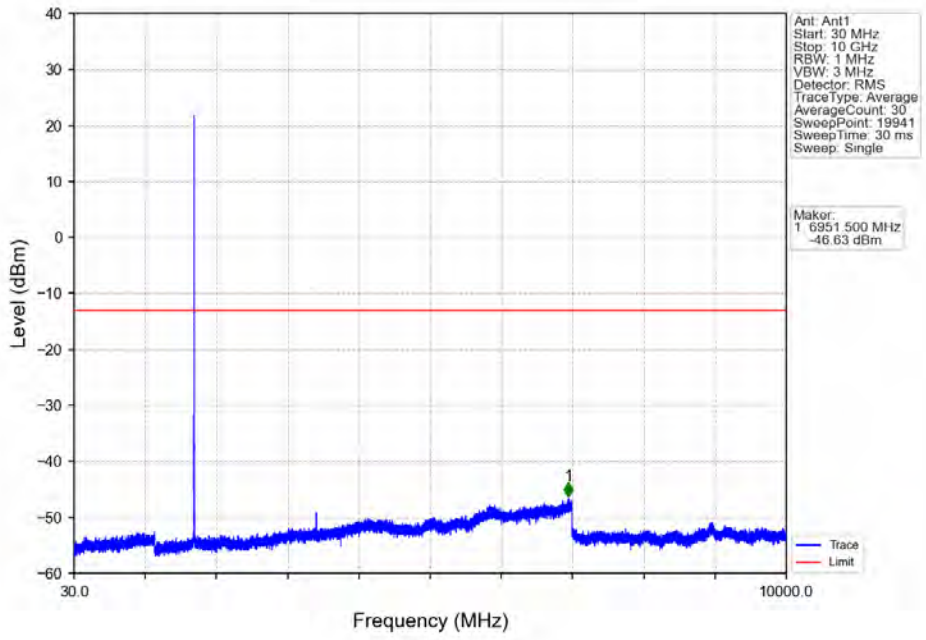
5.2.2 Test Graph

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

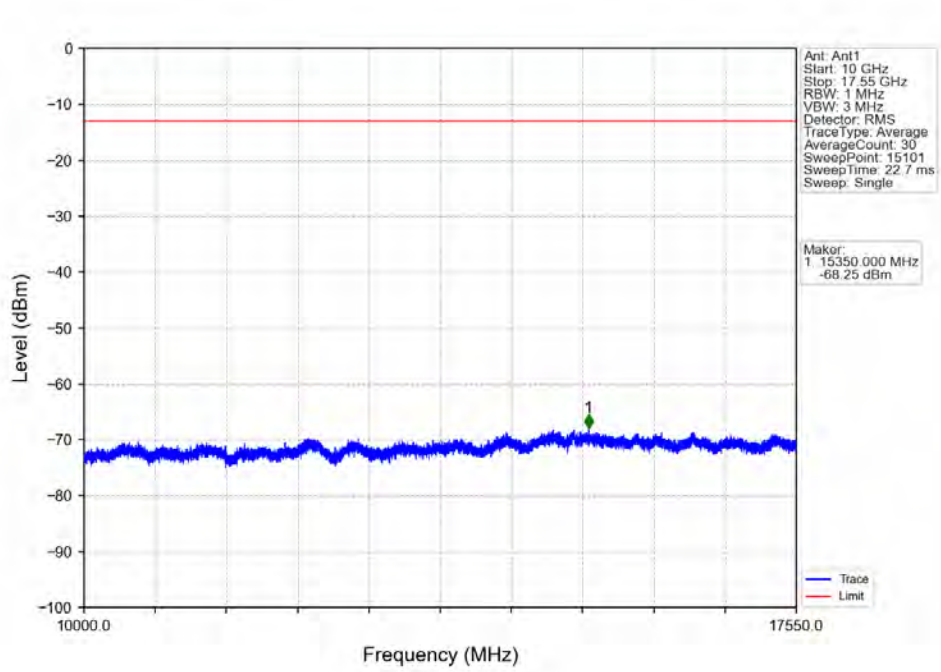


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-39.30	-13	Pass
1709	1710	0.003	/	2	1710.000	-30.40	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

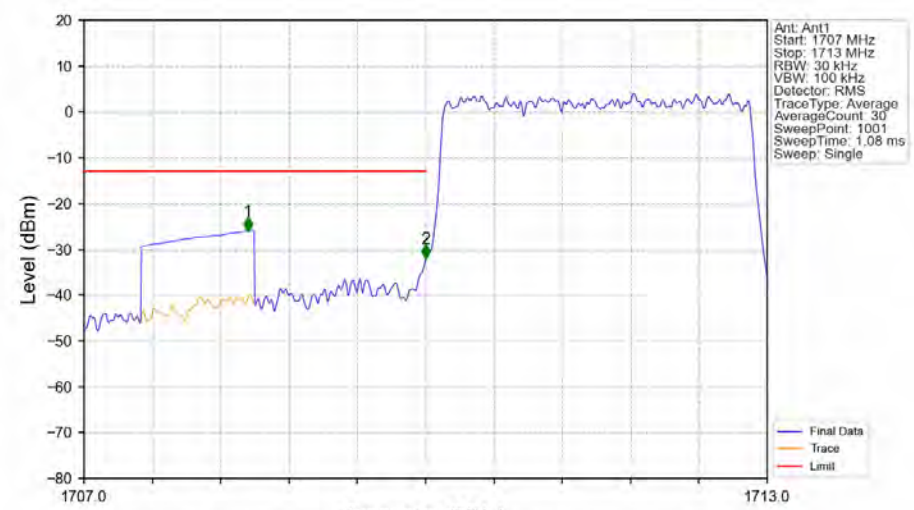
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

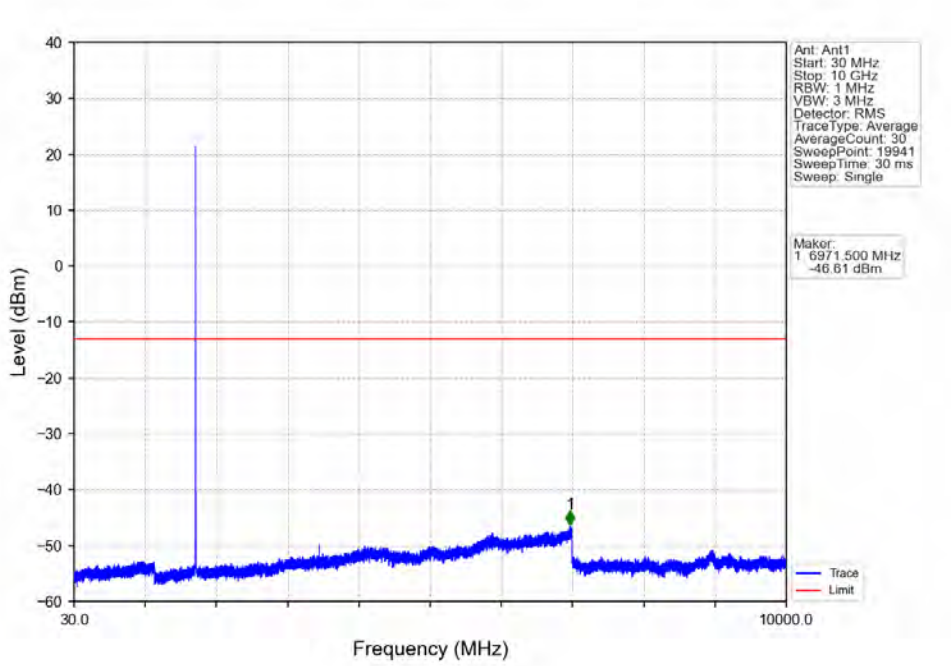


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

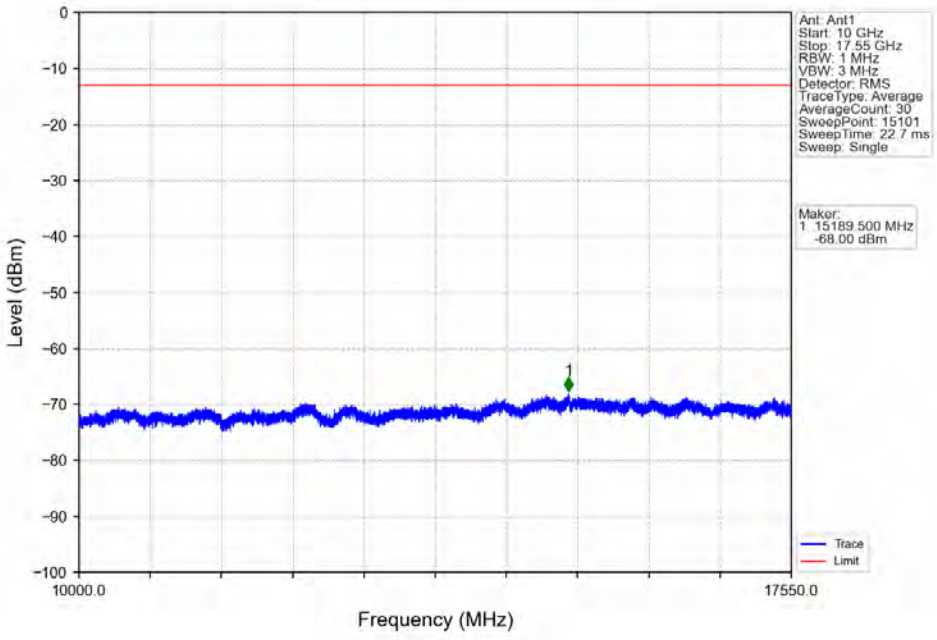


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.440	-26.09	-13	Pass
1709	1710	0.03	/	2	1710.000	-32.08	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

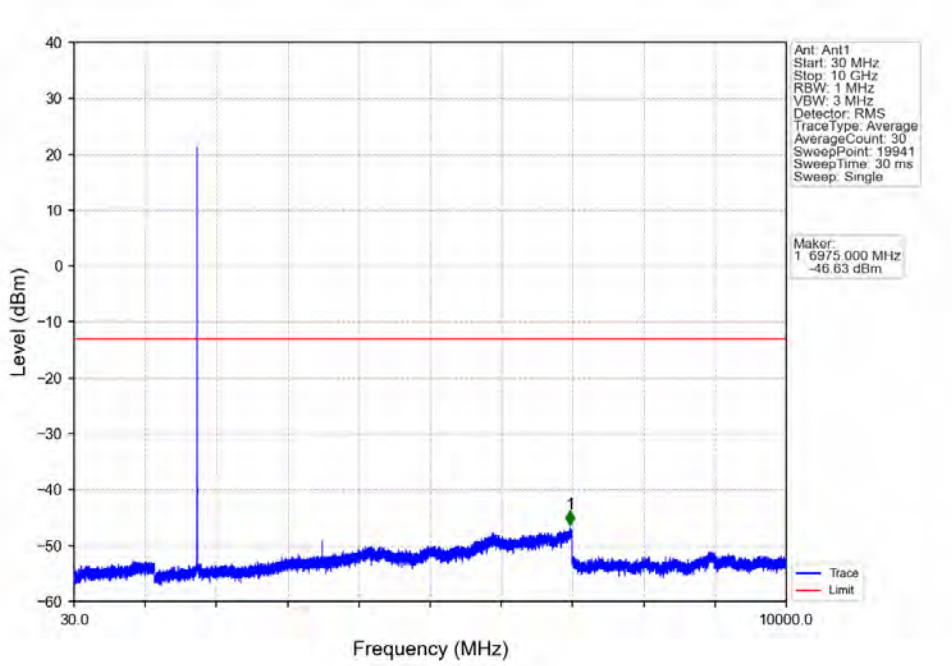
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



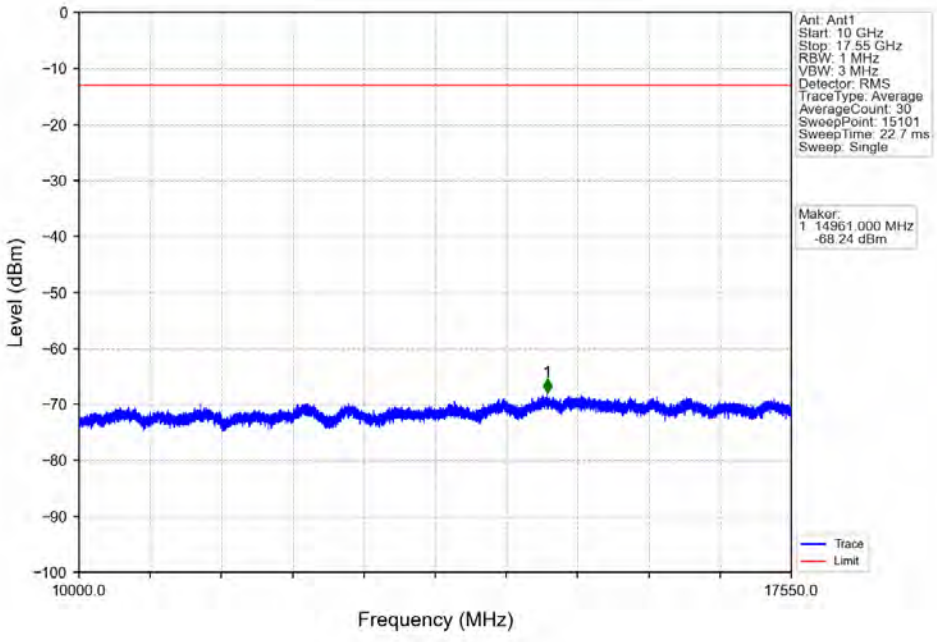
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



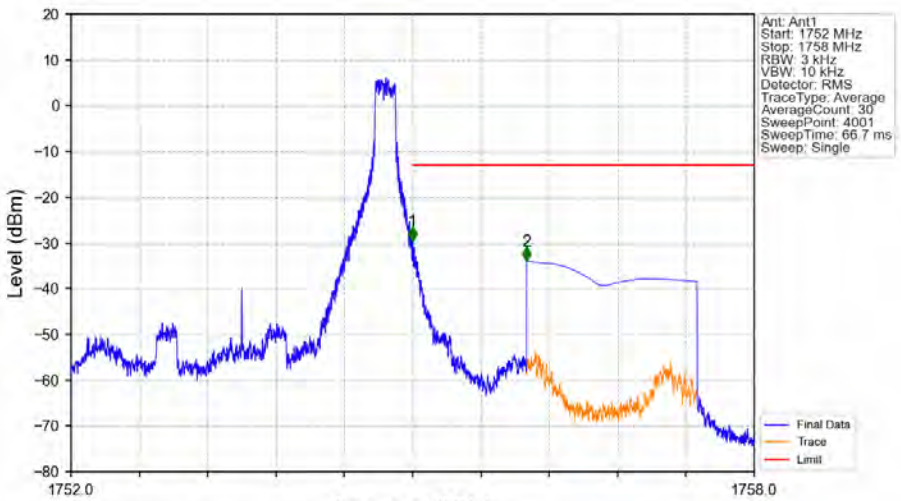
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

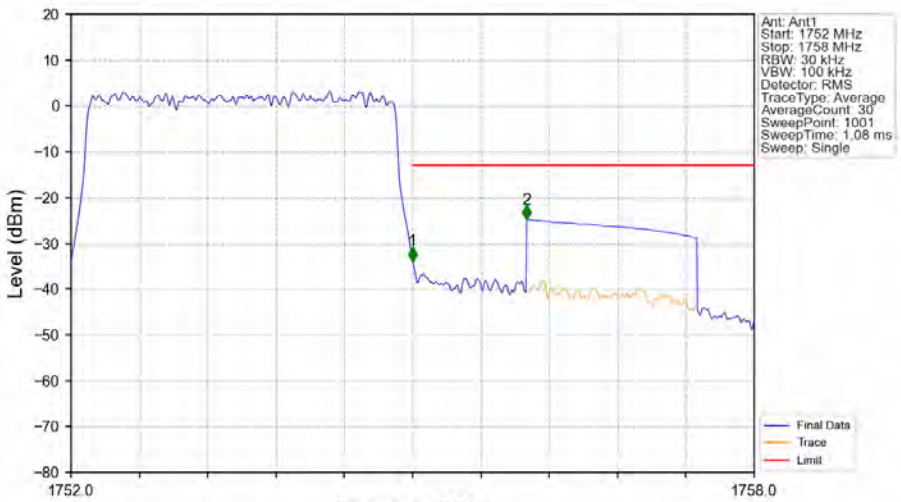


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-29.57	-13	Pass
1756	1758	1	CHP	2	1756.001	-34.00	-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	-33.88	-13	Pass
1756	1758	1	CHP	2	1756.002	-24.85	-13	Pass

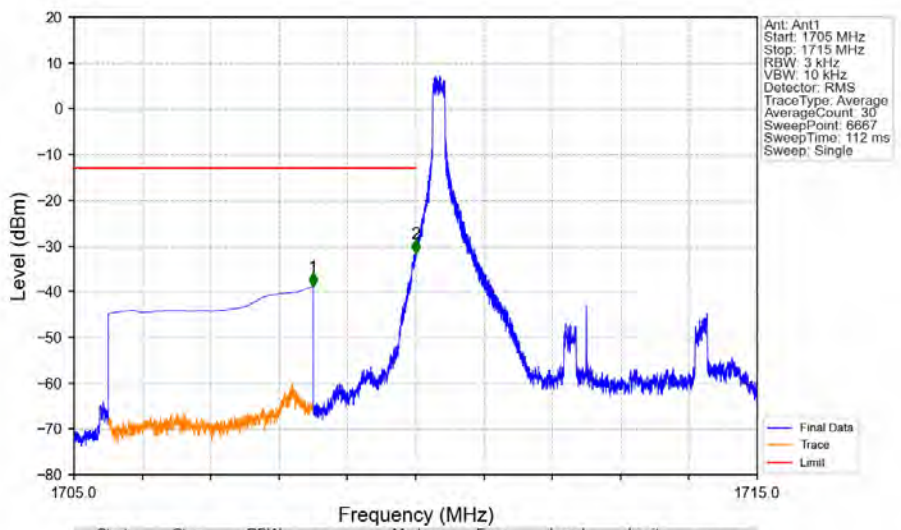
5.3 B4_5MHz

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

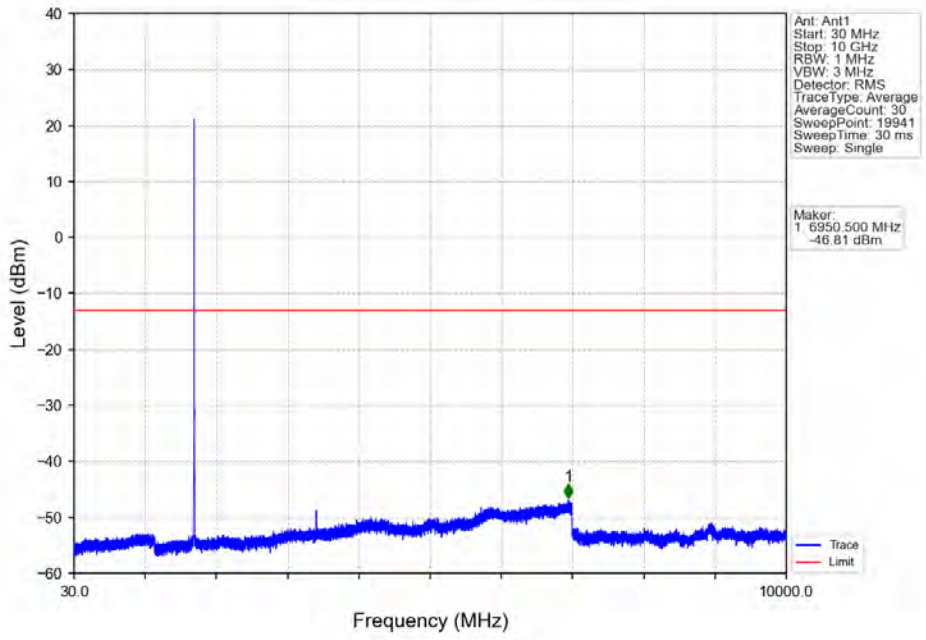
5.3.2 Test Graph

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

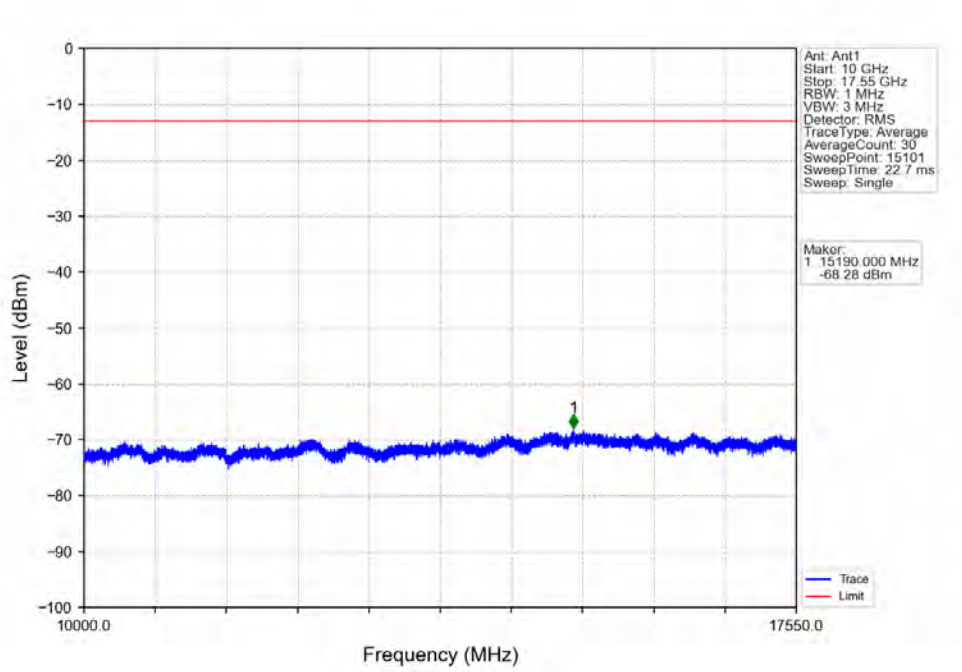


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-38.96	-13	Pass
1709	1710	0.003	/	2	1710.000	-31.64	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

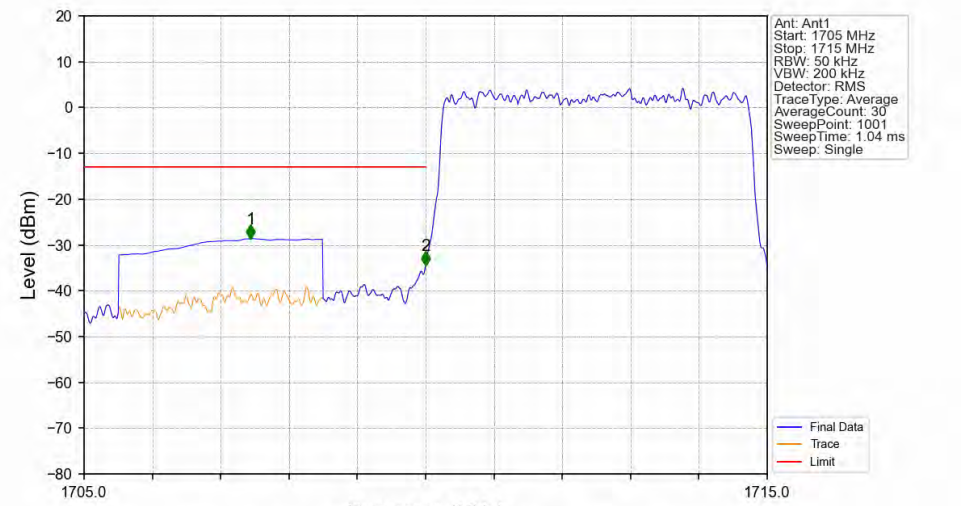
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

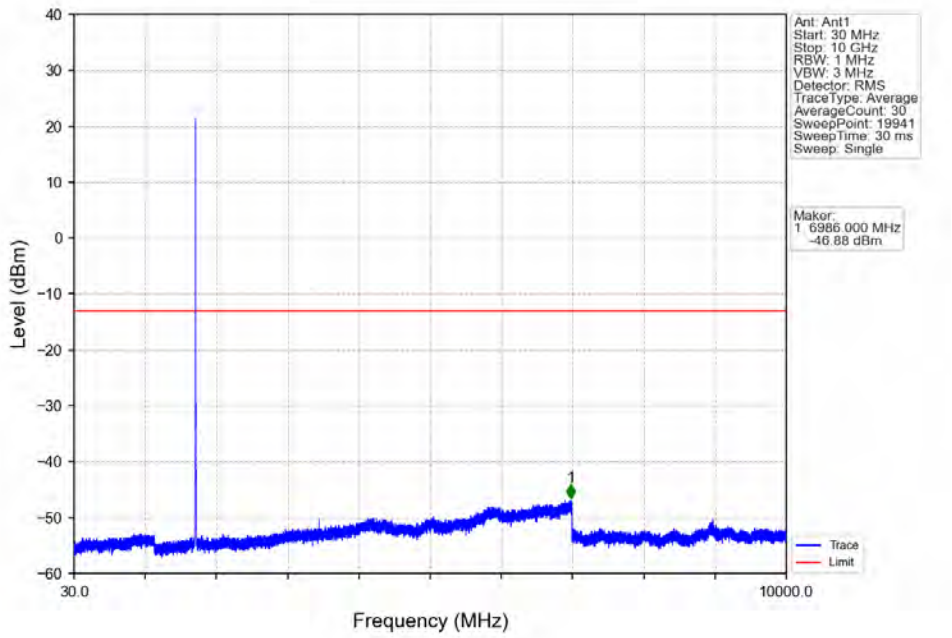


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

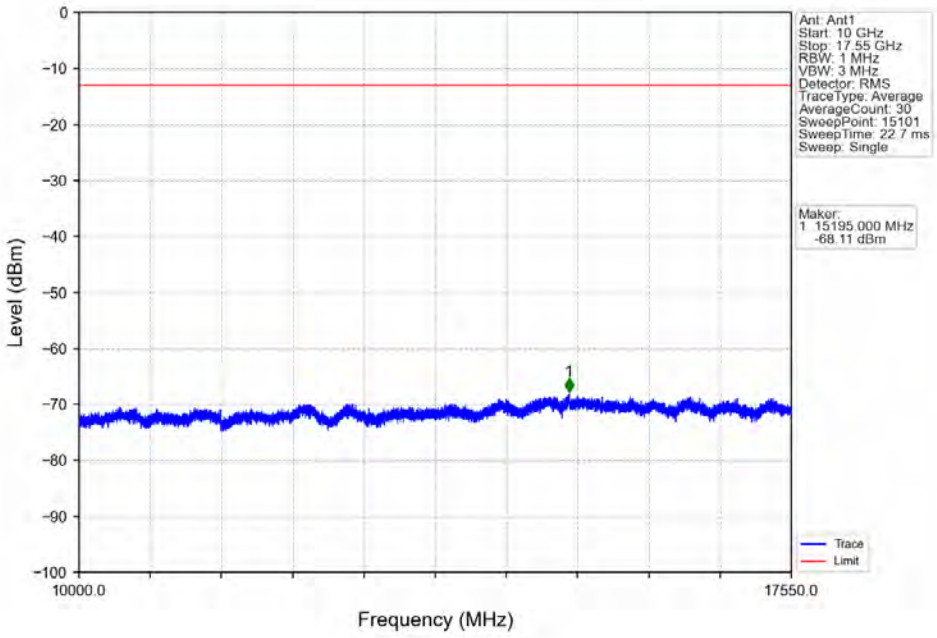


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1707.440	-28.64	-13	Pass
1709	1710	0.05	/	2	1710.000	-34.55	-13	Pass
1710	1715	0.05	/	/	/	/	/	/

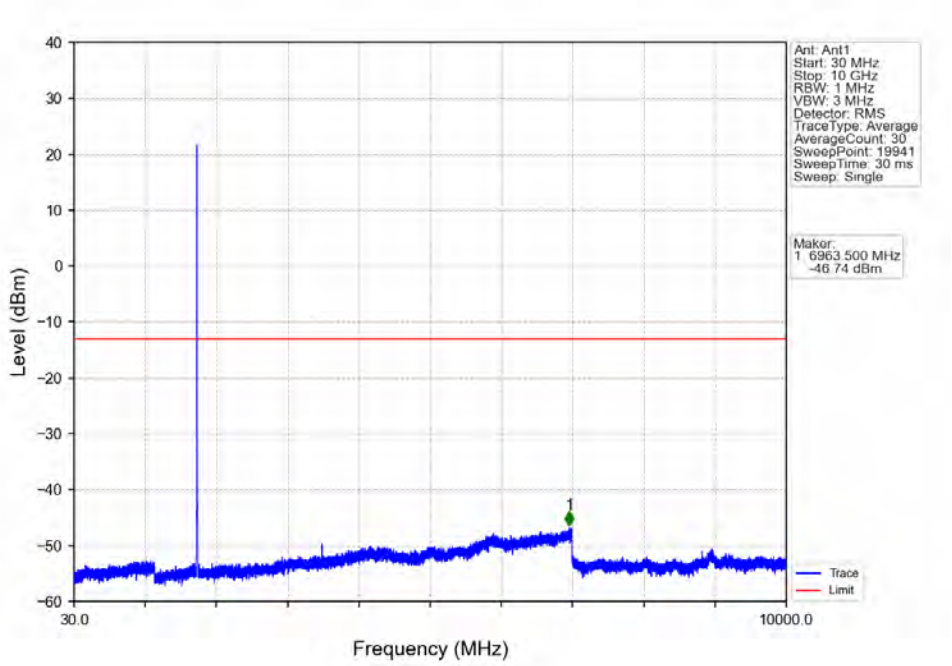
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



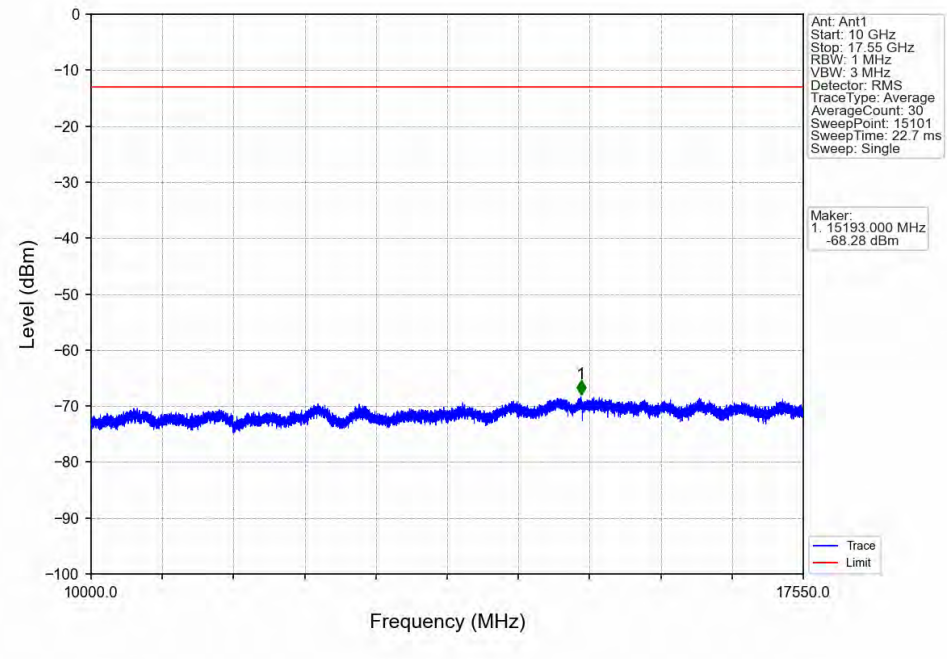
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



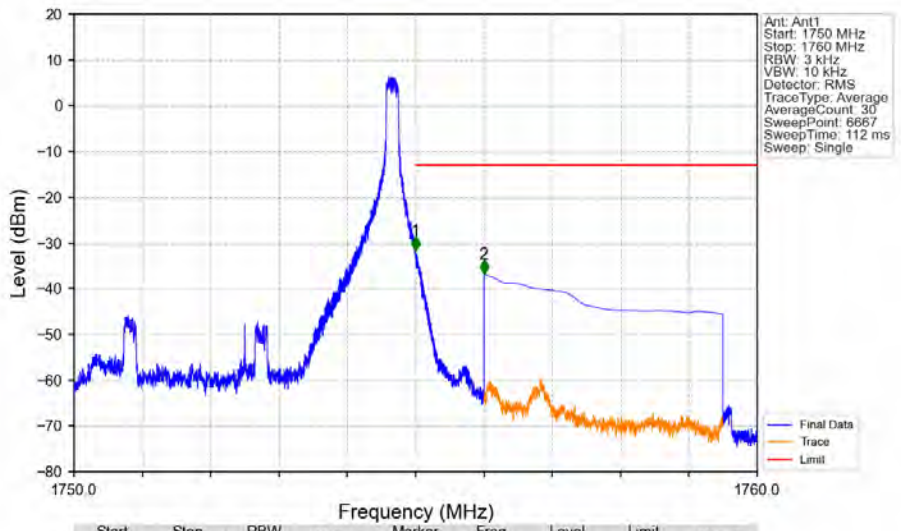
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

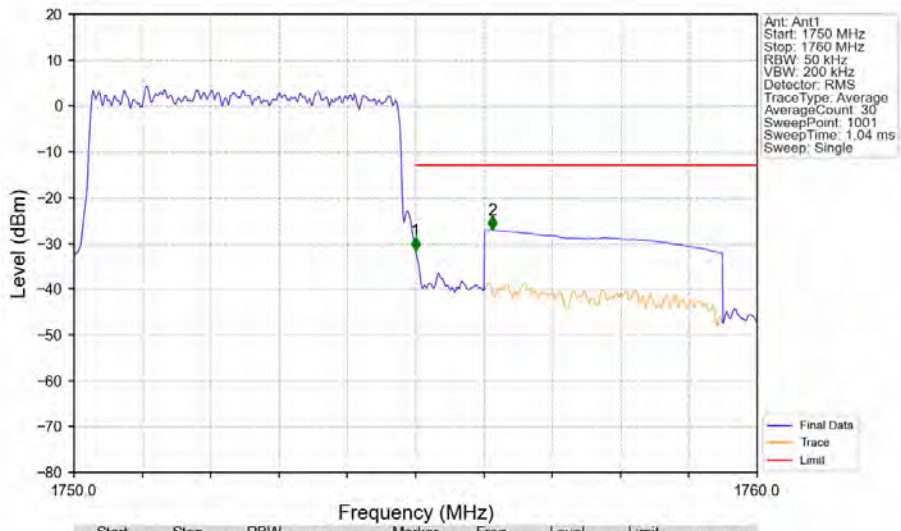


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	-31.65	-13	Pass
1756	1760	1	CHP	2	1756.001	-36.84	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	/	/	/	/	/	/
1755	1756	0.05	/	1	1755.000	-31.59	-13	Pass
1756	1760	1	CHP	2	1756.120	-27.13	-13	Pass

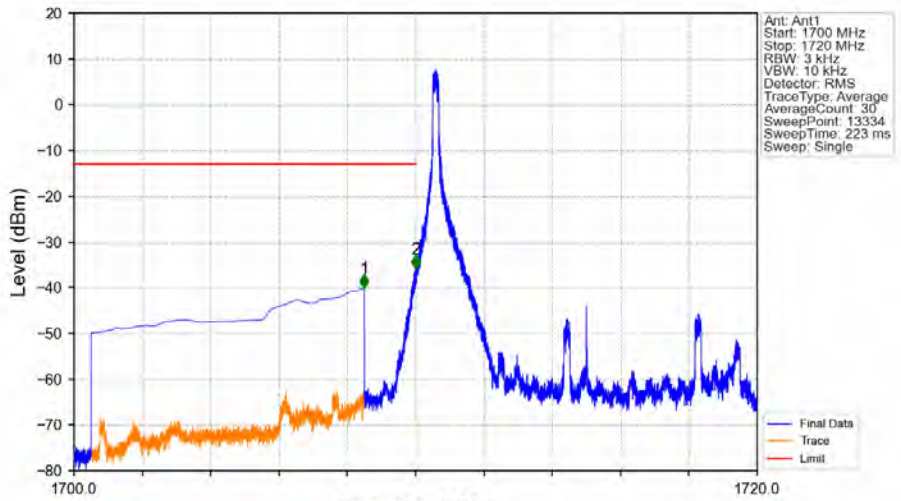
5.4 B4_10MHz

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

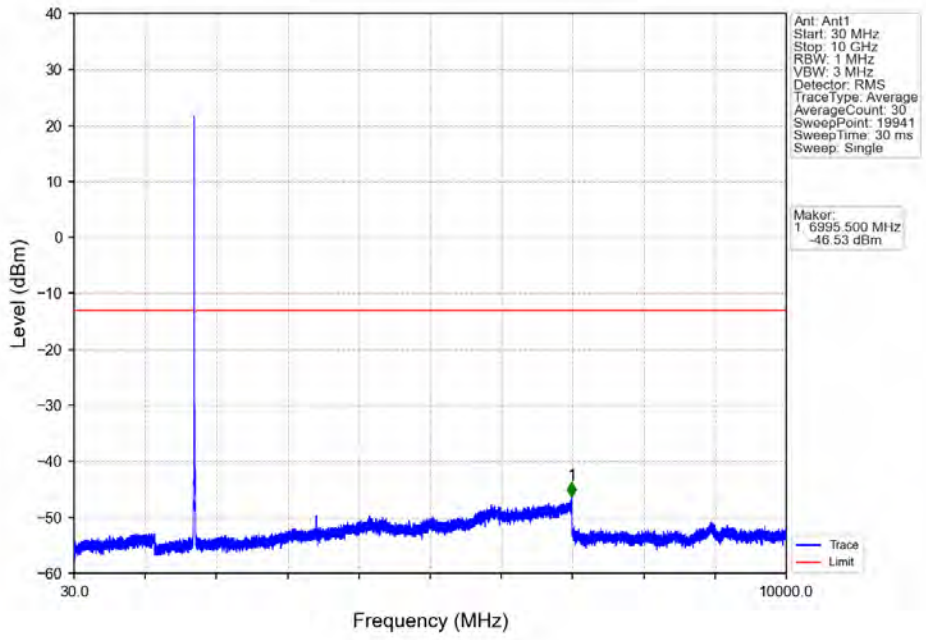
5.4.2 Test Graph

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

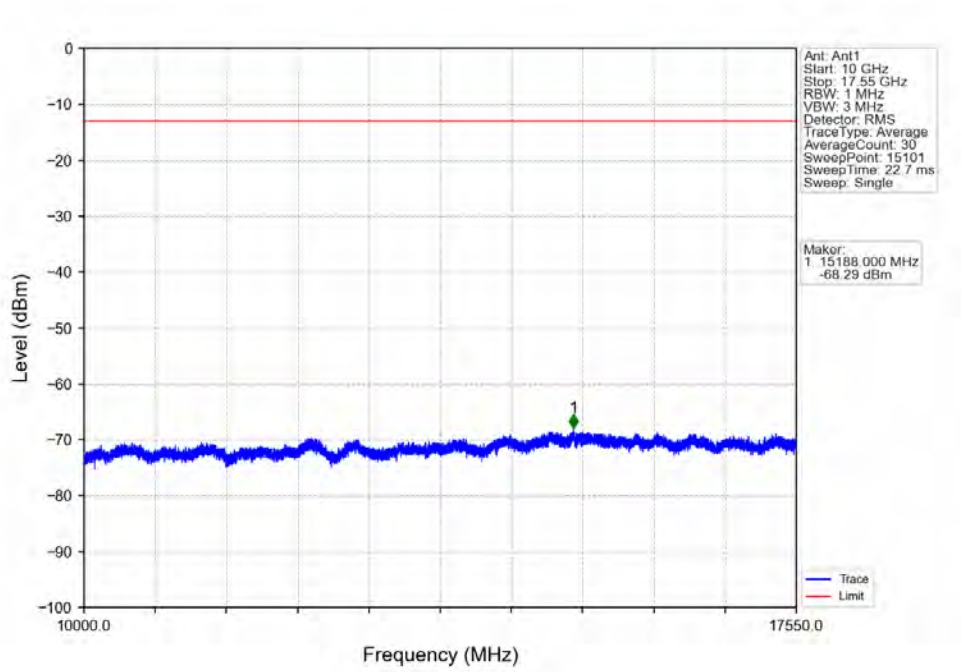


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.496	-40.13	-13	Pass
1709	1710	0.003	/	2	1709.999	-35.97	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

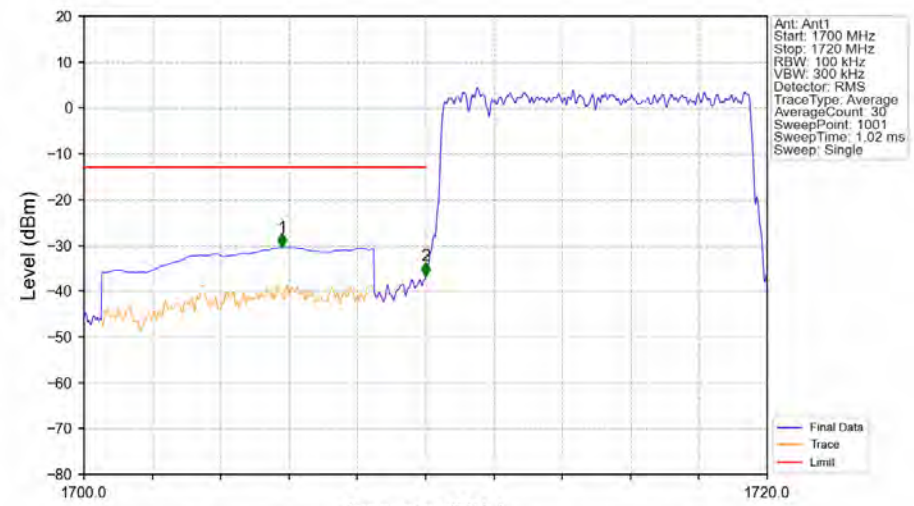
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

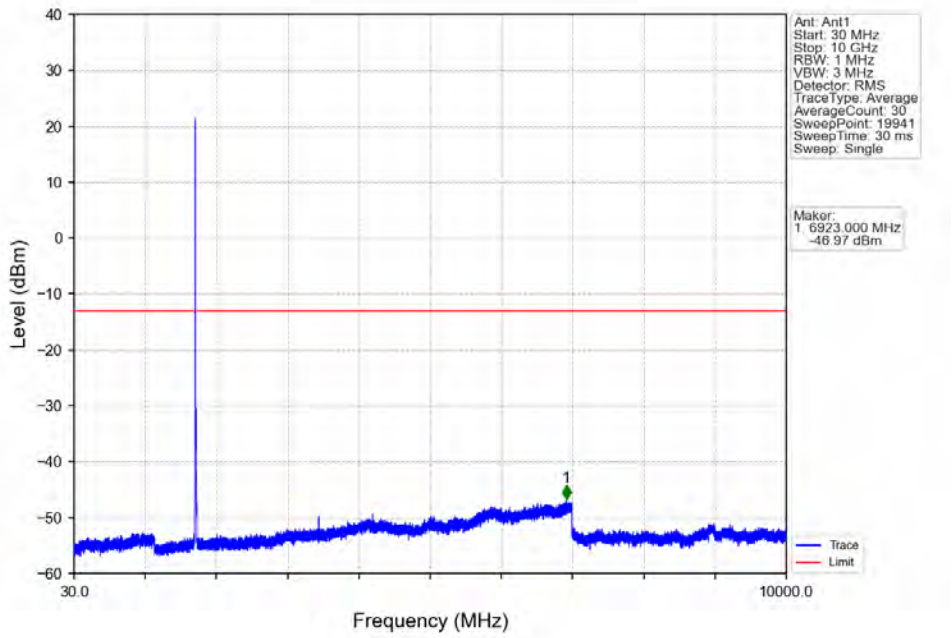


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

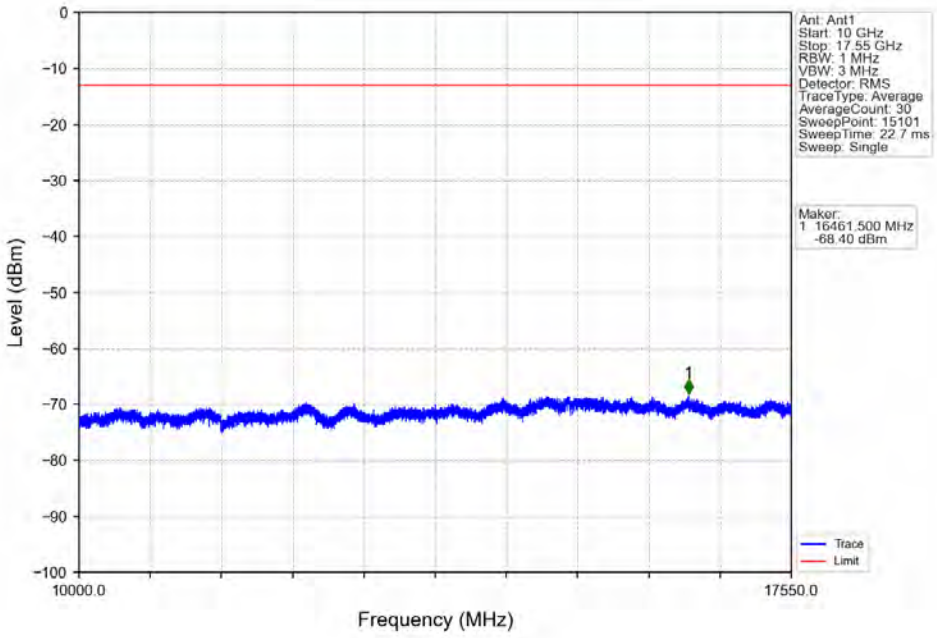


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1705.800	-30.43	-13	Pass
1709	1710	0.1	/	2	1710.000	-36.70	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

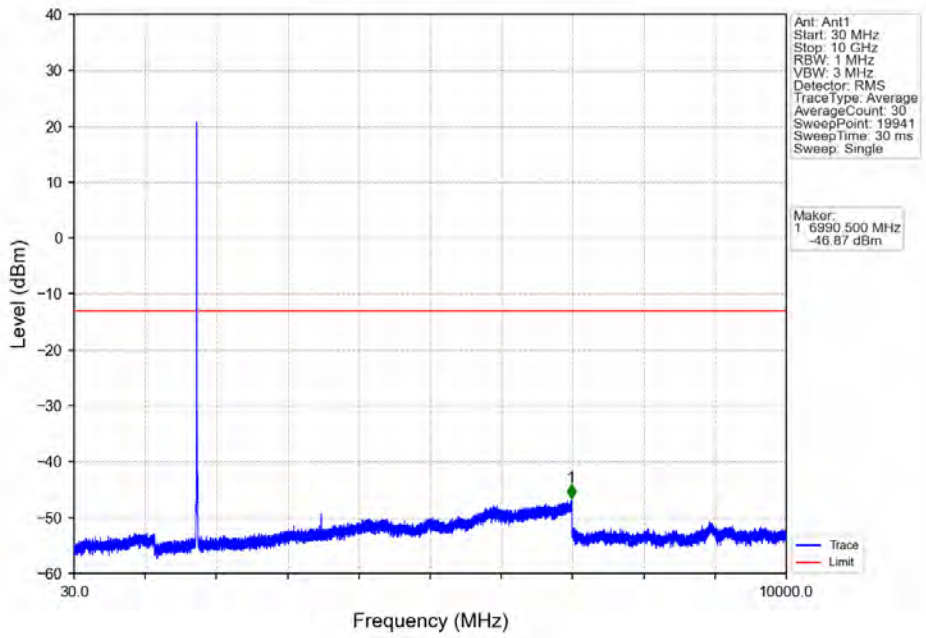
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



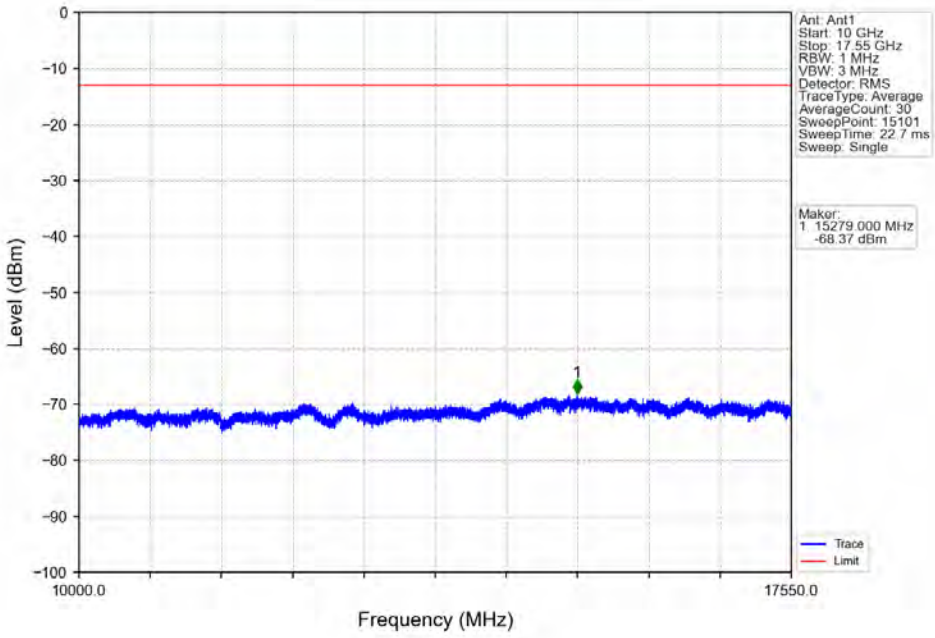
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



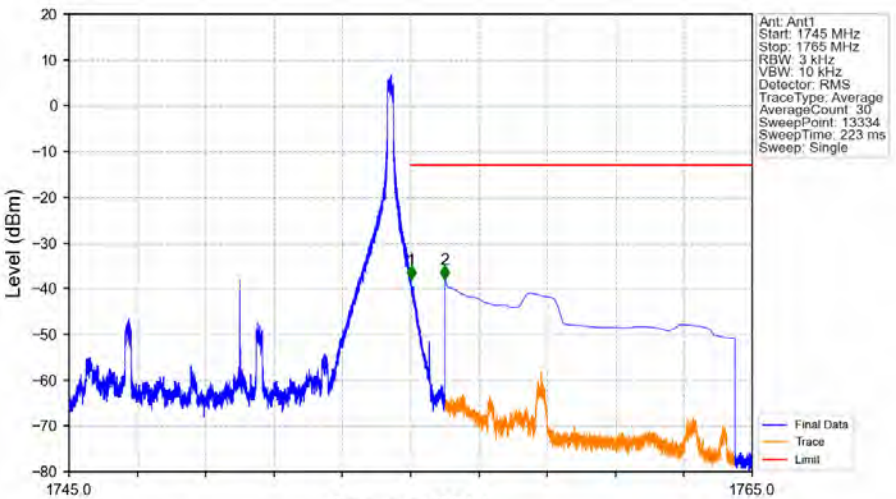
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

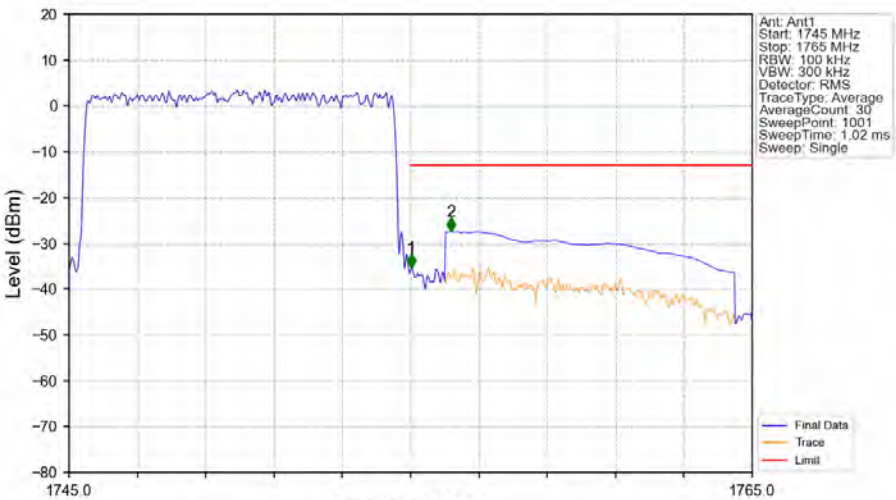


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.016	-37.98	-13	Pass
1756	1765	1	CHP	2	1756.001	-38.09	-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	-35.39	-13	Pass
1756	1765	1	CHP	2	1756.180	-27.48	-13	Pass

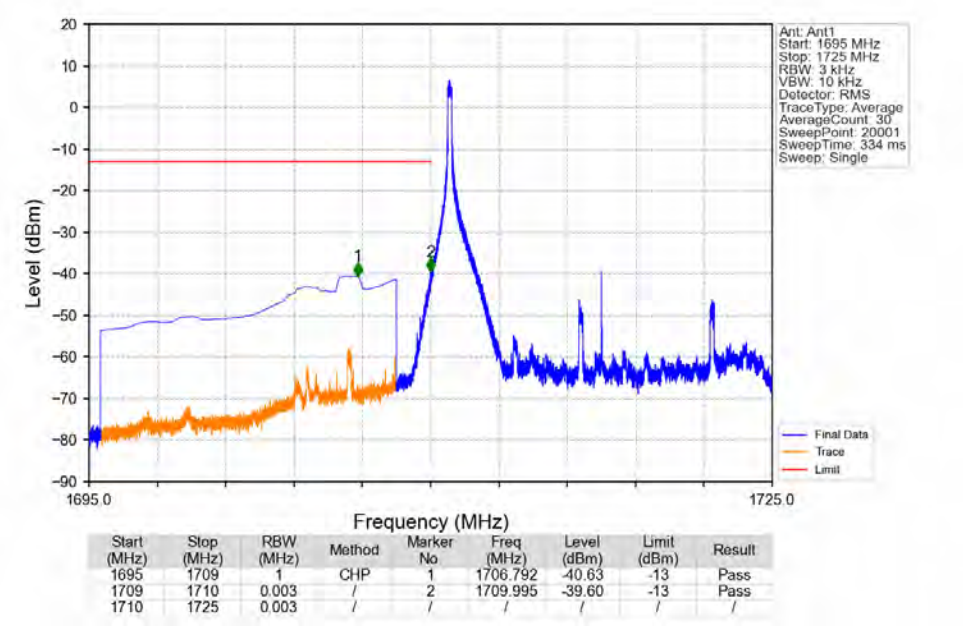
5.5 B4_15MHz

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

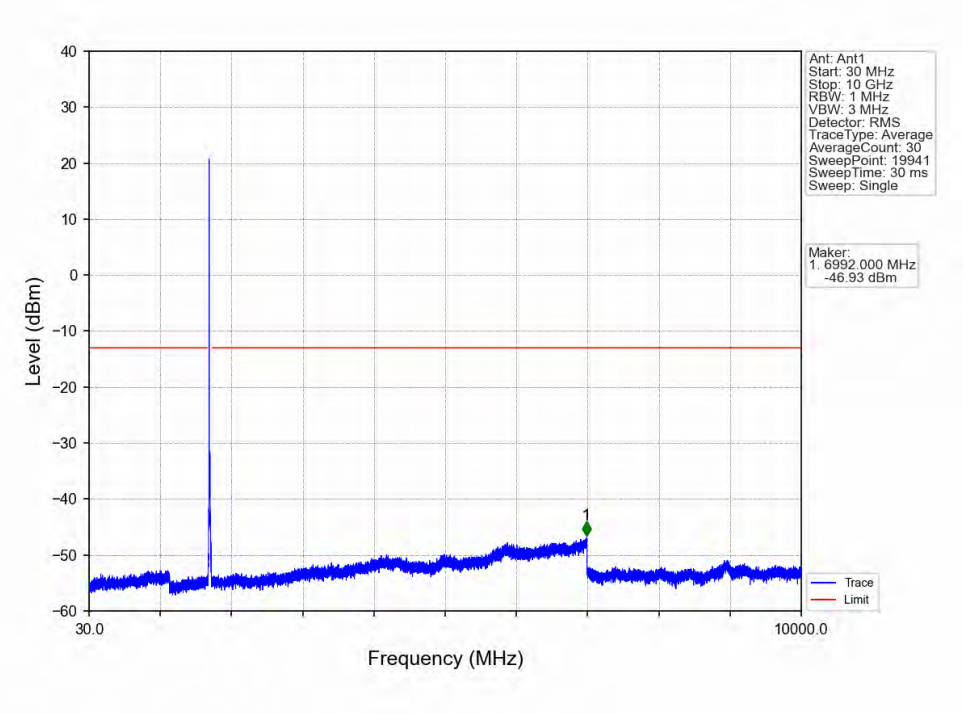
5.5.2 Test Graph

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

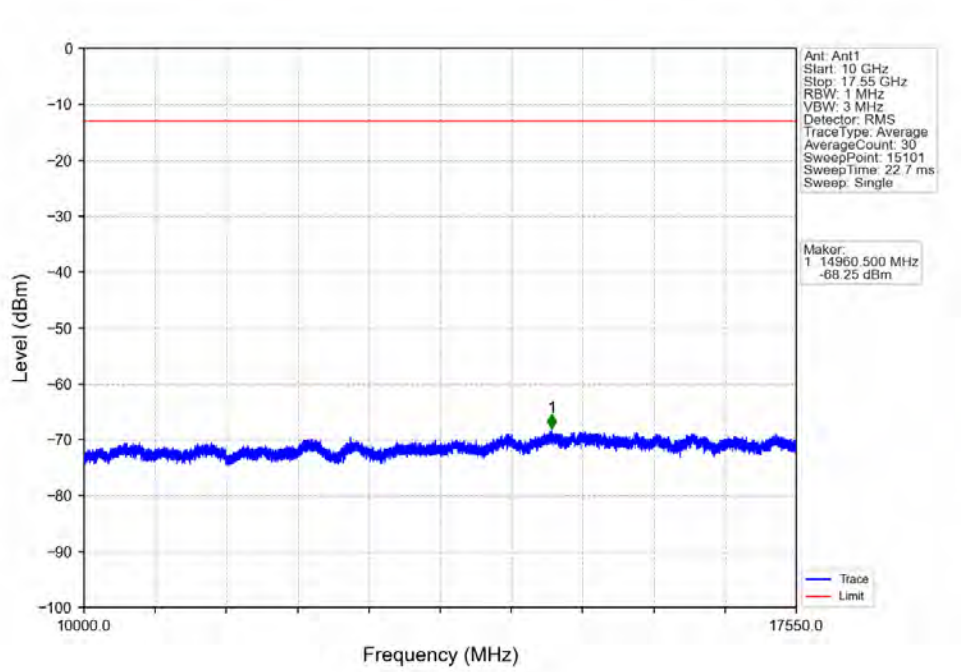


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.792	-40.63	-13	Pass
1709	1710	0.003	/	2	1709.995	-39.60	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

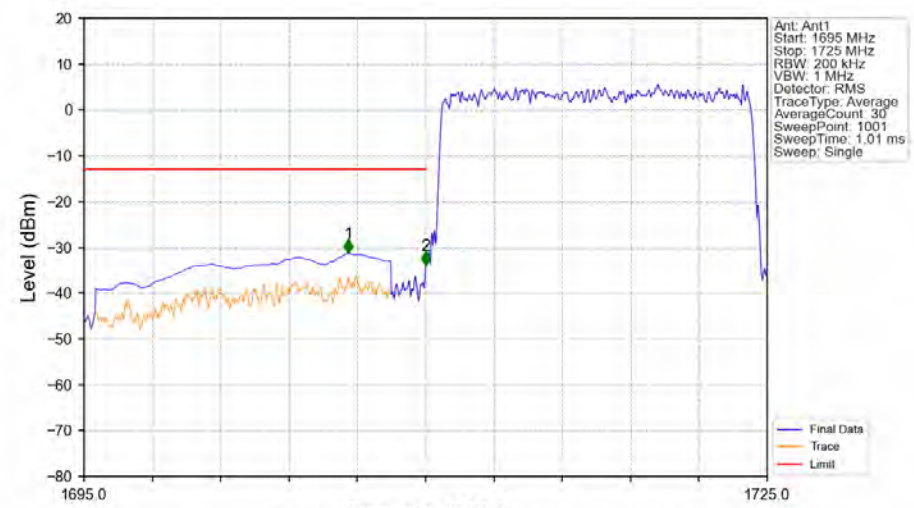
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

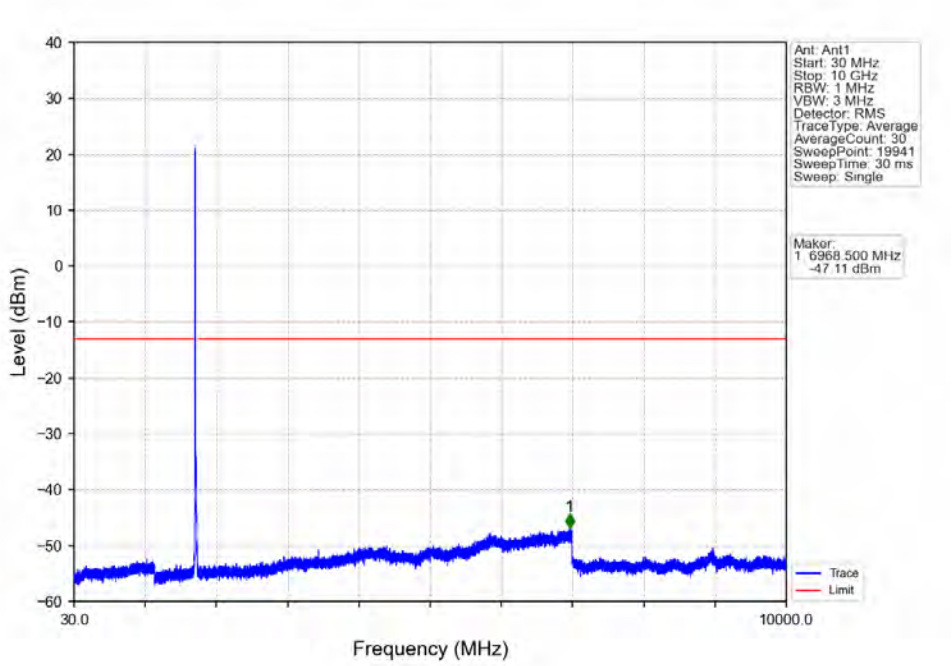


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

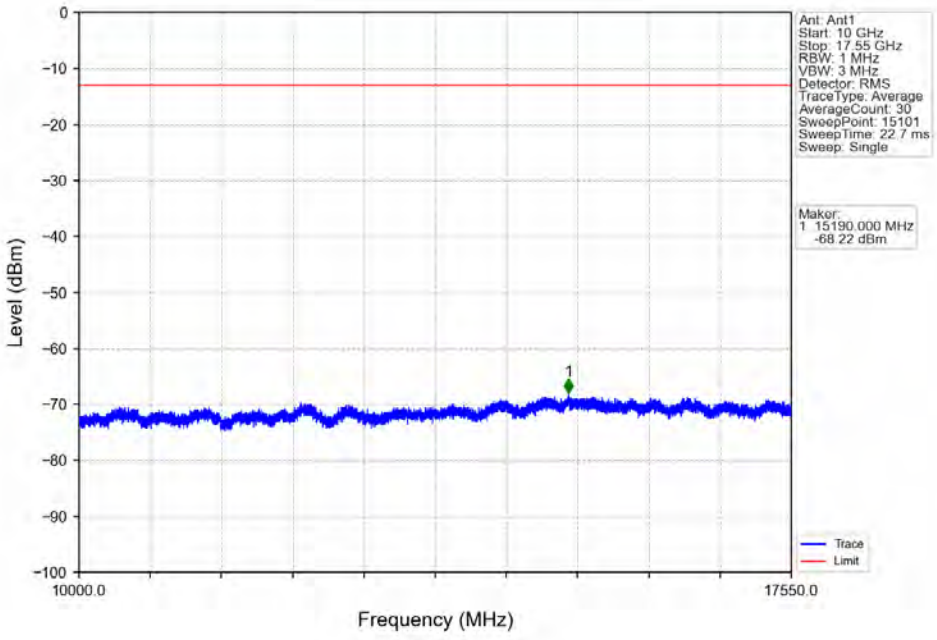


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.610	-31.30	-13	Pass
1709	1710	0.2	/	2	1710.000	-33.93	-13	Pass
1710	1725	0.2	/	/	/	/	/	/

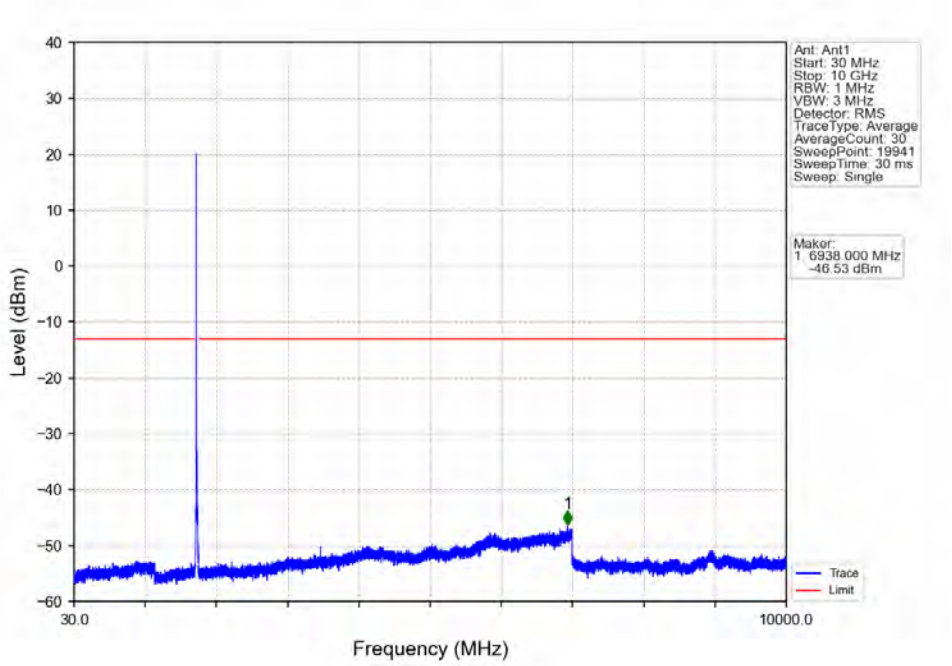
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



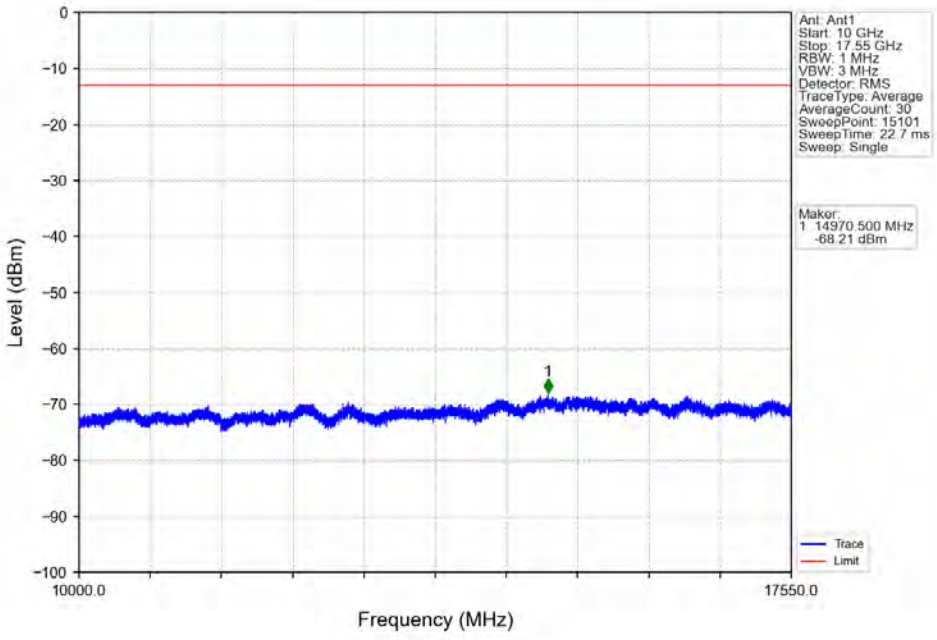
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



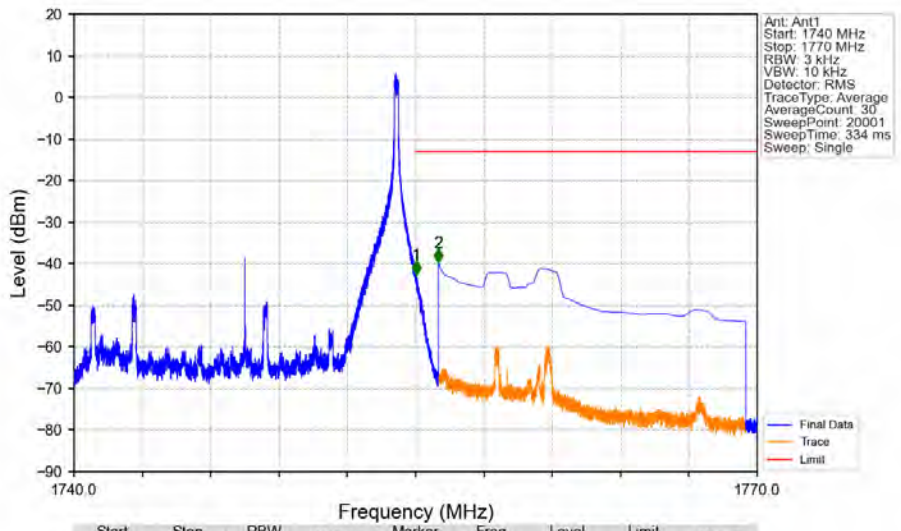
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

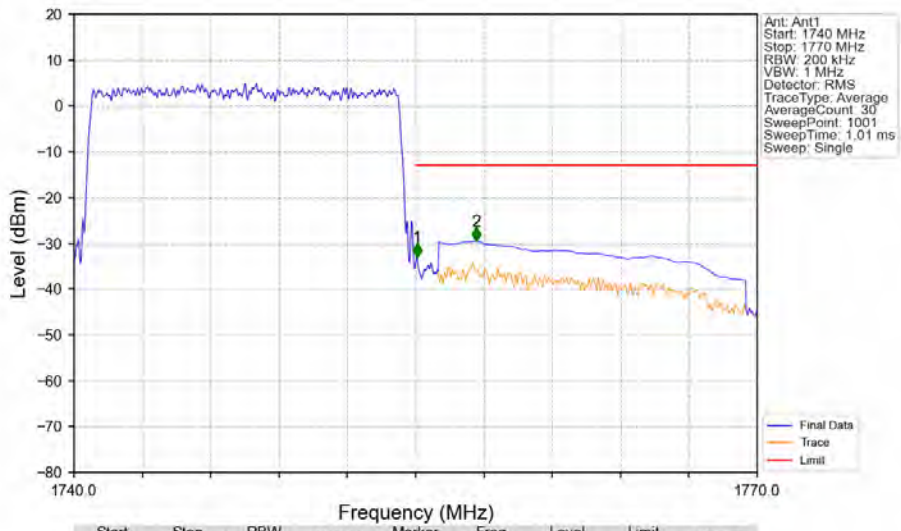


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.023	-42.67	-13	Pass
1756	1770	1	CHP	2	1756.001	-39.72	-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	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.060	-33.12	-13	Pass
1756	1770	1	CHP	2	1757.670	-29.55	-13	Pass

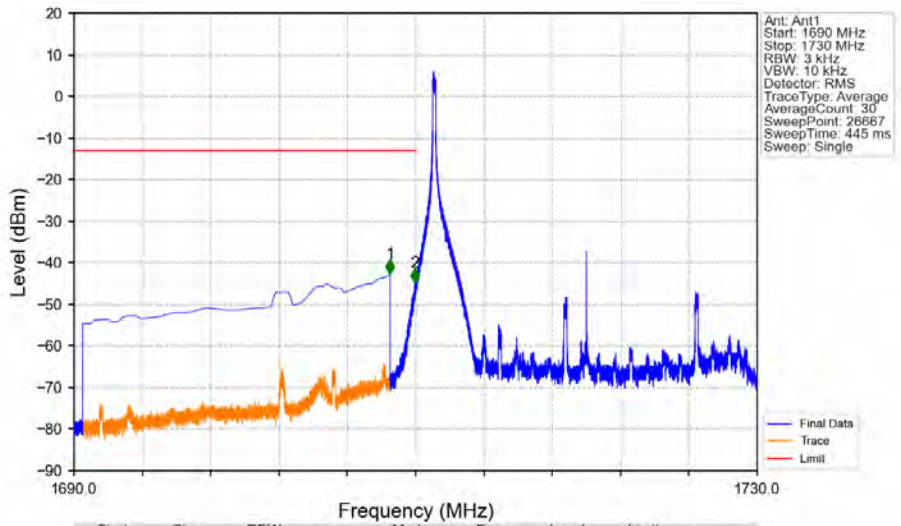
5.6 B4_20MHz

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

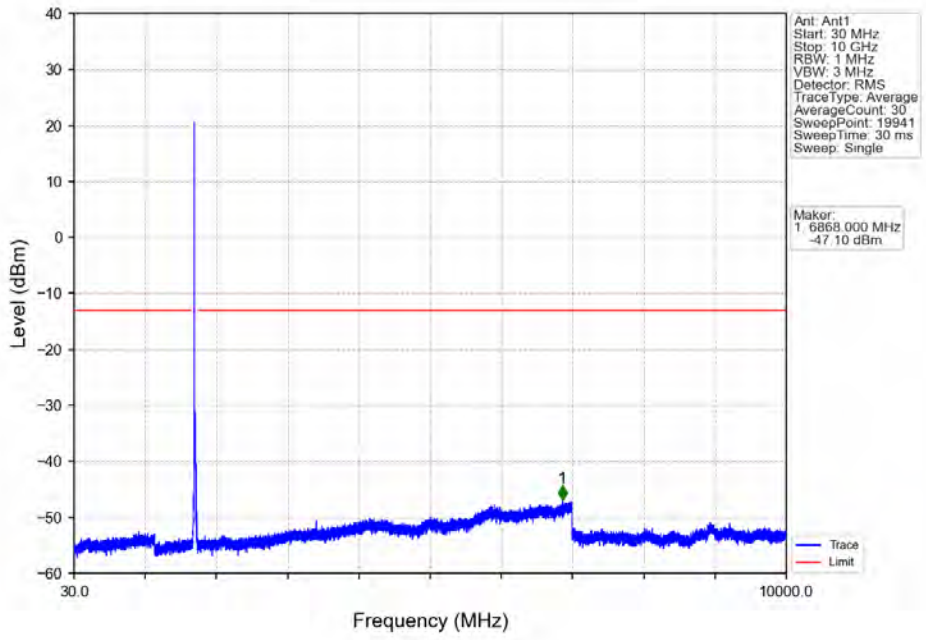
5.6.2 Test Graph

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

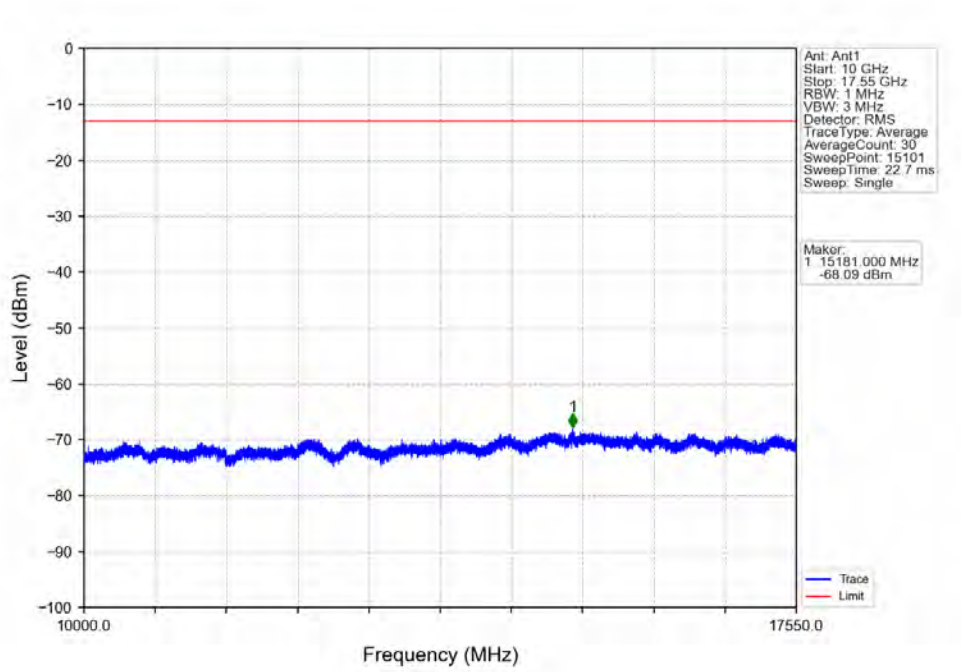


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-42.74	-13	Pass
1709	1710	0.003	/	2	1709.965	-44.79	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

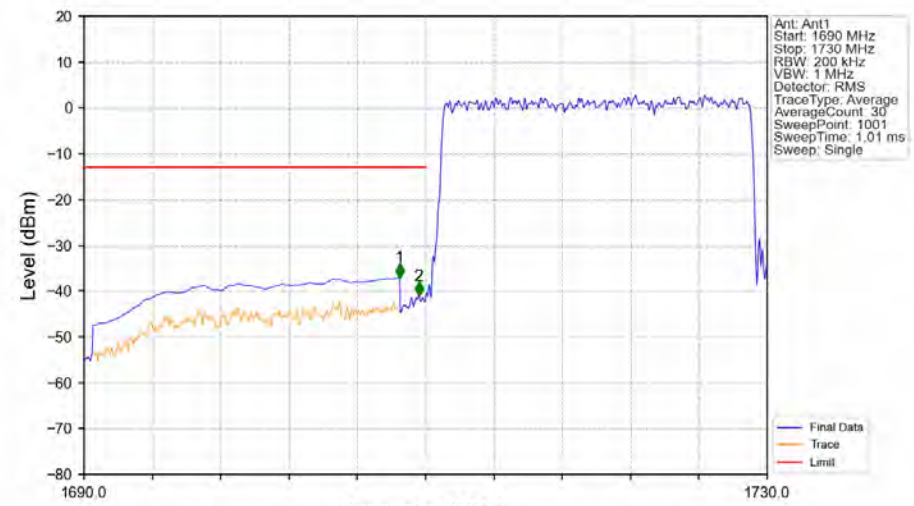
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

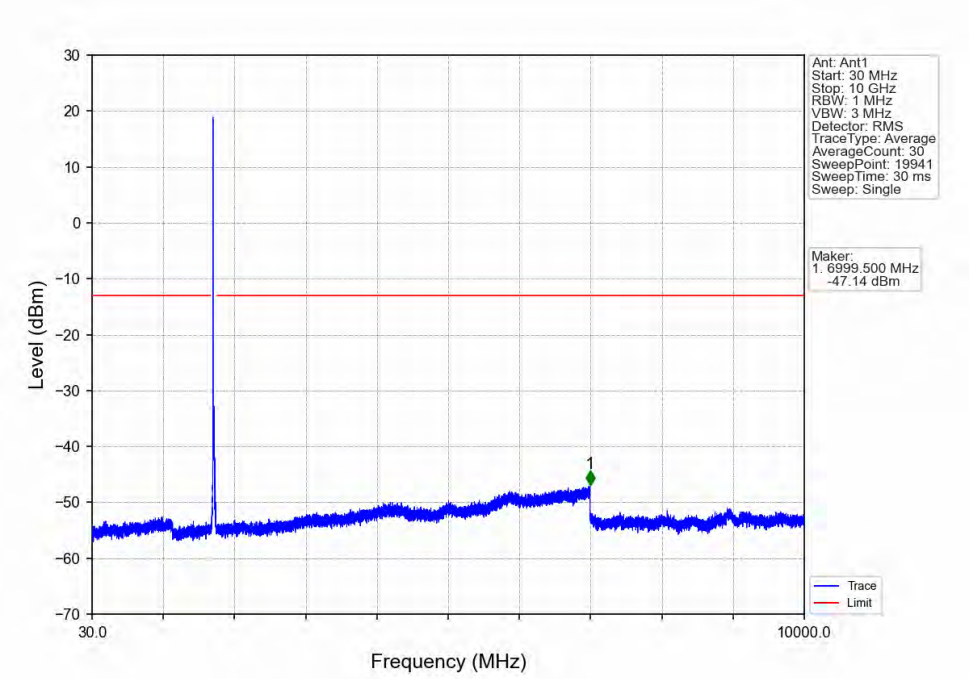


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

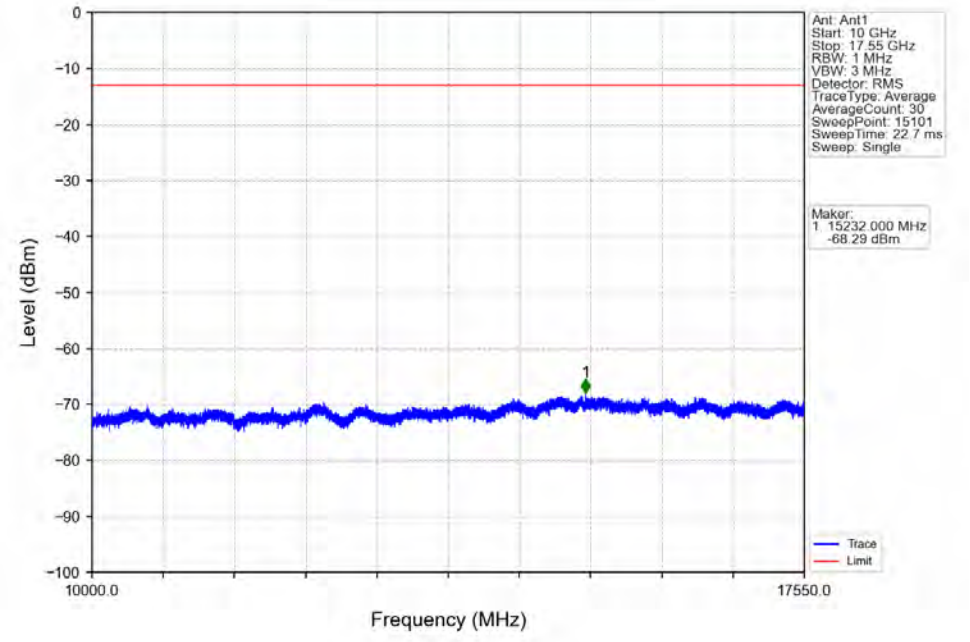


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-37.07	-13	Pass
1709	1710	0.2	/	2	1709.600	-41.02	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

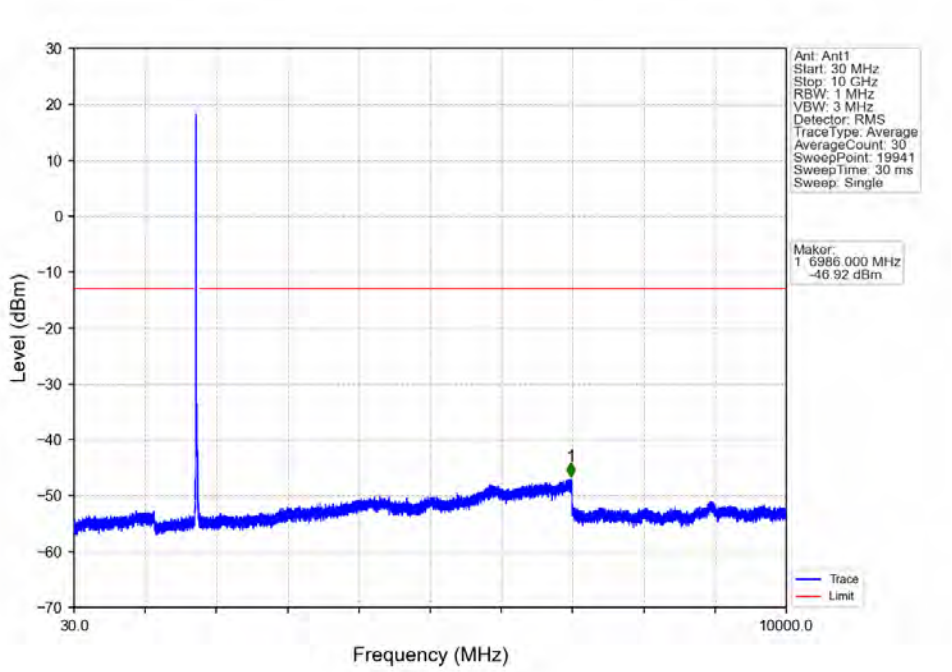
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



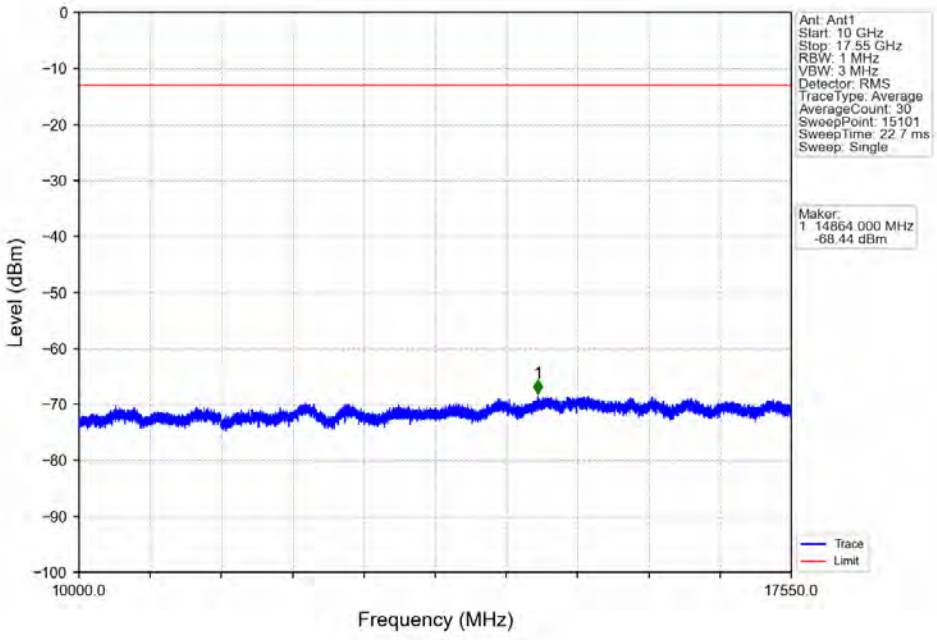
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



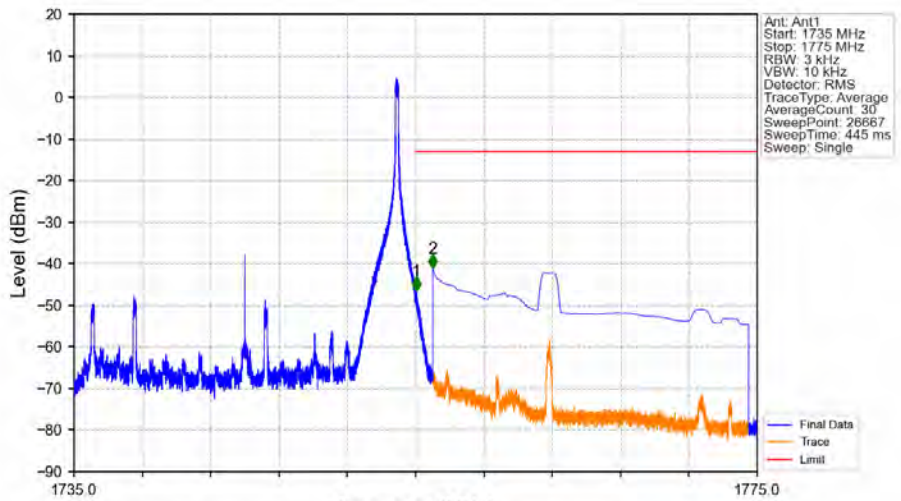
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

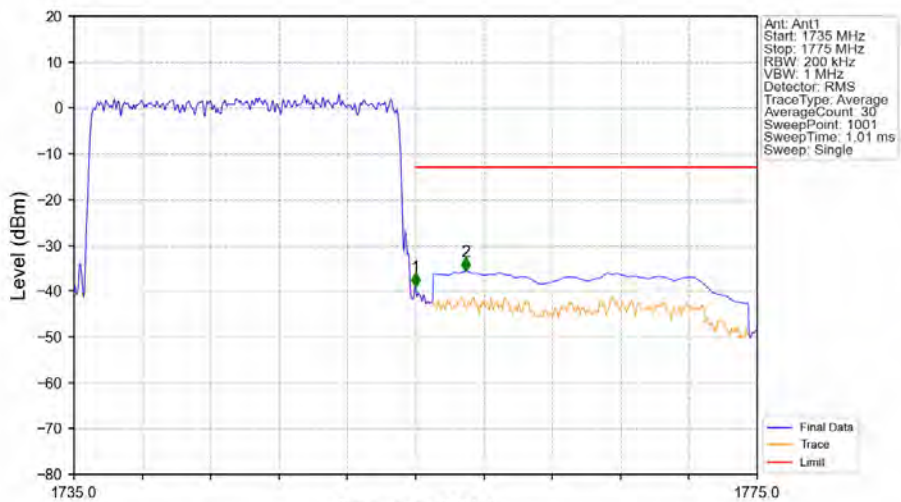


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	1755.026	-46.56	-13	Pass
1756	1775	1	CHP	2	1756.001	-41.09	-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	-39.03	-13	Pass
1756	1775	1	CHP	2	1757.920	-35.69	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4 ANT13-Low channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
3422.0	-66.9	-13	-53.9	-71.52	3.36	7.98	Horizontal	Pass
5133.0	-62.64	-13	-49.64	-68.25	4.61	10.22	Horizontal	Pass
6844.0	-61.05	-13	-48.05	-67.08	4.9	10.93	Horizontal	Pass
3422.0	-66.52	-13	-53.52	-71.14	3.36	7.98	Vertical	Pass
5133.0	-62.96	-13	-49.96	-68.57	4.61	10.22	Vertical	Pass
6844.0	-61.21	-13	-48.21	-67.24	4.9	10.93	Vertical	Pass

LTE Band 4 ANT13-Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
3447.0	-67.13	-13	-54.13	-71.8	3.37	8.04	Horizontal	Pass
5170.5	-63.16	-13	-50.16	-68.79	4.62	10.25	Horizontal	Pass
6894.0	-61.29	-13	-48.29	-67.38	4.9	10.99	Horizontal	Pass
3447.0	-66.44	-13	-53.44	-71.11	3.37	8.04	Vertical	Pass
5170.5	-63.13	-13	-50.13	-68.76	4.62	10.25	Vertical	Pass
6894.0	-61.65	-13	-48.65	-67.74	4.9	10.99	Vertical	Pass

LTE Band 4 ANT13-High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
3472.0	-67.29	-13	-54.29	-72.0	3.39	8.1	Horizontal	Pass
5208.0	-63.5	-13	-50.5	-69.13	4.64	10.27	Horizontal	Pass
6944.0	-61.6	-13	-48.6	-67.75	4.91	11.06	Horizontal	Pass
3472.0	-66.84	-13	-53.84	-71.55	3.39	8.1	Vertical	Pass
5208.0	-63.34	-13	-50.34	-68.97	4.64	10.27	Vertical	Pass
6944.0	-61.17	-13	-48.17	-67.32	4.91	11.06	Vertical	Pass

CA 4A-5A-Low channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1649.0	-73.87	-13	-60.87	-76.75	2.62	5.5	Horizontal	Pass
2473.5	-70.93	-13	-57.93	-73.63	3.06	5.76	Horizontal	Pass
3298.0	-66.98	-13	-53.98	-71.34	3.3	7.66	Horizontal	Pass
1649.0	-74.27	-13	-61.27	-77.15	2.62	5.5	Vertical	Pass
2473.5	-71.24	-13	-58.24	-73.94	3.06	5.76	Vertical	Pass
3298.0	-66.97	-13	-53.97	-71.33	3.3	7.66	Vertical	Pass

CA 4A-5A -Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1664.0	-74.03	-13	-61.03	-76.87	2.63	5.47	Horizontal	Pass
2496.0	-70.94	-13	-57.94	-73.67	3.08	5.81	Horizontal	Pass
3328.0	-67.17	-13	-54.17	-71.6	3.31	7.74	Horizontal	Pass
1664.0	-73.91	-13	-60.91	-76.75	2.63	5.47	Vertical	Pass
2496.0	-71.12	-13	-58.12	-73.85	3.08	5.81	Vertical	Pass
3328.0	-67.06	-13	-54.06	-71.49	3.31	7.74	Vertical	Pass

CA 4A-5A -High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1679.0	-74.29	-13	-61.29	-77.09	2.63	5.43	Horizontal	Pass
2518.5	-72.03	-13	-59.03	-74.81	3.08	5.86	Horizontal	Pass
3358.0	-67.63	-13	-54.63	-72.12	3.33	7.82	Horizontal	Pass
1679.0	-74.54	-13	-61.54	-77.34	2.63	5.43	Vertical	Pass
2518.5	-71.89	-13	-58.89	-74.67	3.08	5.86	Vertical	Pass
3358.0	-67.18	-13	-54.18	-71.67	3.33	7.82	Vertical	Pass

CA 4A-7A -Low channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5002.0	-62.87	-25	-37.87	-68.44	4.57	10.14	Horizontal	Pass
7503.0	-60.35	-25	-35.35	-67.15	4.94	11.74	Horizontal	Pass
10004.0	-57.2	-25	-32.2	-64.77	5.46	13.03	Horizontal	Pass
5002.0	-62.97	-25	-37.97	-68.54	4.57	10.14	Vertical	Pass
7503.0	-60.9	-25	-35.9	-67.7	4.94	11.74	Vertical	Pass
10004.0	-57.14	-25	-32.14	-64.71	5.46	13.03	Vertical	Pass

CA 4A-7A -Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5052.0	-62.75	-25	-37.75	-68.33	4.59	10.17	Horizontal	Pass
7578.0	-60.26	-25	-35.26	-67.14	4.95	11.83	Horizontal	Pass
10104.0	-51.3	-25	-26.3	-58.87	5.48	13.05	Horizontal	Pass
5052.0	-60.43	-25	-35.43	-66.01	4.59	10.17	Vertical	Pass
7578.0	-59.77	-25	-34.77	-66.65	4.95	11.83	Vertical	Pass
10104.0	-53.84	-25	-28.84	-61.41	5.48	13.05	Vertical	Pass

CA 4A-7A -High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5102.0	-63.08	-25	-38.08	-68.68	4.6	10.2	Horizontal	Pass
10204.0	-50.45	-25	-25.45	-58.03	5.49	13.07	Horizontal	Pass
15306.0	-50.1	-25	-25.1	-57.36	7.09	14.35	Horizontal	Pass
5102.0	-61.96	-25	-36.96	-67.56	4.6	10.2	Vertical	Pass
10204.0	-55.38	-25	-30.38	-62.96	5.49	13.07	Vertical	Pass
15306.0	-47.26	-25	-22.26	-54.52	7.09	14.35	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---