1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP(ANT31)

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	23.21	-7.67	13.39	<=34.77	Pass
			2	23.31	-7.67	13.49	<=34.77	Pass
			5	23.16	-7.67	13.34	<=34.77	Pass
		3	0	23.28	-7.67	13.46	<=34.77	Pass
			2	23.29	-7.67	13.47	<=34.77	Pass
			3	23.37	-7.67	13.55	<=34.77	Pass
		6	0	22.26	-7.67	12.44	<=34.77	Pass
	707.5	1	0	23.27	-7.67	13.45	<=34.77	Pass
			2	23.41	-7.67	13.59	<=34.77	Pass
			5	23.29	-7.67	13.47	<=34.77	Pass
		3	0	23.35	-7.67	13.53	<=34.77	Pass
			2	23.26	-7.67	13.44	<=34.77	Pass
			3	23.31	-7.67	13.49	<=34.77	Pass
		6	0	22.19	-7.67	12.37	<=34.77	Pass
	715.3	1	0	23.27	-7.67	13.45	<=34.77	Pass
			2	23.31	-7.67	13.49	<=34.77	Pass
			5	23.17	-7.67	13.35	<=34.77	Pass
		3	0	23.23	-7.67	13.41	<=34.77	Pass
			2	23.34	-7.67	13.52	<=34.77	Pass
			3	23.28	-7.67	13.46	<=34.77	Pass
		6	0	22.27	-7.67	12.45	<=34.77	Pass
16QAM	699.7	1	0	22.47	-7.67	12.65	<=34.77	Pass
			2	22.42	-7.67	12.60	<=34.77	Pass
			5	22.51	-7.67	12.69	<=34.77	Pass
		3	0	22.43	-7.67	12.61	<=34.77	Pass
			2	22.51	-7.67	12.69	<=34.77	Pass
			3	22.43	-7.67	12.61	<=34.77	Pass
		6	0	21.32	-7.67	11.50	<=34.77	Pass
	707.5	1	0	22.66	-7.67	12.84	<=34.77	Pass
			2	22.58	-7.67	12.76	<=34.77	Pass
			5	22.78	-7.67	12.96	<=34.77	Pass
		3	0	22.29	-7.67	12.47	<=34.77	Pass
			2	22.41	-7.67	12.59	<=34.77	Pass
			3	22.37	-7.67	12.55	<=34.77	Pass
		6	0	21.35	-7.67	11.53	<=34.77	Pass
	715.3	1	0	22.59	-7.67	12.77	<=34.77	Pass
			2	22.72	-7.67	12.90	<=34.77	Pass
			5	22.53	-7.67	12.71	<=34.77	Pass
		3	0	22.35	-7.67	12.53	<=34.77	Pass
			2	22.30	-7.67	12.48	<=34.77	Pass
			3	22.50	-7.67	12.68	<=34.77	Pass
		6	0	21.32	-7.67	11.50	<=34.77	Pass
64QAM	699.7	1	0	22.26	-7.67	12.44	<=34.77	Pass
			2	22.46	-7.67	12.64	<=34.77	Pass
			5	22.42	-7.67	12.60	<=34.77	Pass
		3	0	22.26	-7.67	12.44	<=34.77	Pass
			2	22.35	-7.67	12.53	<=34.77	Pass
			3	22.26	-7.67	12.44	<=34.77	Pass
		6	0	21.24	-7.67	11.42	<=34.77	Pass

	707.5	1	0	22.28	-7.67	12.46	<=34.77	Pass
			2	22.42	-7.67	12.60	<=34.77	Pass
			5	22.43	-7.67	12.61	<=34.77	Pass
		3	0	22.23	-7.67	12.41	<=34.77	Pass
			2	22.26	-7.67	12.44	<=34.77	Pass
			3	22.36	-7.67	12.54	<=34.77	Pass
		6	0	21.33	-7.67	11.51	<=34.77	Pass
	715.3	1	0	22.46	-7.67	12.64	<=34.77	Pass
			2	22.41	-7.67	12.59	<=34.77	Pass
			5	22.19	-7.67	12.37	<=34.77	Pass
		3	0	22.34	-7.67	12.52	<=34.77	Pass
			2	22.33	-7.67	12.51	<=34.77	Pass
			3	22.36	-7.67	12.54	<=34.77	Pass
		6	0	21.32	-7.67	11.50	<=34.77	Pass
256QAM	699.7	1	0	18.21	-7.67	8.39	<=34.77	Pass
			2	18.20	-7.67	8.38	<=34.77	Pass
			5	18.38	-7.67	8.56	<=34.77	Pass
		3	0	18.34	-7.67	8.52	<=34.77	Pass
			2	18.43	-7.67	8.61	<=34.77	Pass
			3	18.31	-7.67	8.49	<=34.77	Pass
		6	0	18.32	-7.67	8.50	<=34.77	Pass
	707.5	1	0	18.30	-7.67	8.48	<=34.77	Pass
			2	18.36	-7.67	8.54	<=34.77	Pass
			5	18.41	-7.67	8.59	<=34.77	Pass
		3	0	18.28	-7.67	8.46	<=34.77	Pass
			2	18.26	-7.67	8.44	<=34.77	Pass
			3	18.46	-7.67	8.64	<=34.77	Pass
		6	0	18.22	-7.67	8.40	<=34.77	Pass
	715.3	1	0	18.20	-7.67	8.38	<=34.77	Pass
			2	18.31	-7.67	8.49	<=34.77	Pass
			5	18.39	-7.67	8.57	<=34.77	Pass
		3	0	18.22	-7.67	8.40	<=34.77	Pass
			2	18.36	-7.67	8.54	<=34.77	Pass
			3	18.28	-7.67	8.46	<=34.77	Pass
		6	0	18.25	-7.67	8.43	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B12_3MHz_ERP

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	23.21	-7.67	13.39	<=34.77	Pass
			7	23.24	-7.67	13.42	<=34.77	Pass
			14	23.06	-7.67	13.24	<=34.77	Pass
		8	0	22.31	-7.67	12.49	<=34.77	Pass
			4	22.39	-7.67	12.57	<=34.77	Pass
			7	22.29	-7.67	12.47	<=34.77	Pass
		15	0	22.31	-7.67	12.49	<=34.77	Pass
	707.5	1	0	23.33	-7.67	13.51	<=34.77	Pass
			7	23.41	-7.67	13.59	<=34.77	Pass
			14	23.31	-7.67	13.49	<=34.77	Pass
		8	0	22.29	-7.67	12.47	<=34.77	Pass
			4	22.40	-7.67	12.58	<=34.77	Pass
			7	22.36	-7.67	12.54	<=34.77	Pass

		15	0	22.24	-7.67	12.42	<=34.77	Pass
	714.5	1	0	23.23	-7.67	13.41	<=34.77	Pass
			7	23.42	-7.67	13.60	<=34.77	Pass
			14	23.17	-7.67	13.35	<=34.77	Pass
		8	0	22.31	-7.67	12.49	<=34.77	Pass
			4	22.36	-7.67	12.54	<=34.77	Pass
			7	22.30	-7.67	12.48	<=34.77	Pass
		15	0	22.25	-7.67	12.43	<=34.77	Pass
16QAM	700.5	1	0	22.63	-7.67	12.81	<=34.77	Pass
			7	22.64	-7.67	12.82	<=34.77	Pass
			14	22.41	-7.67	12.59	<=34.77	Pass
		8	0	21.29	-7.67	11.47	<=34.77	Pass
			4	21.39	-7.67	11.57	<=34.77	Pass
			7	21.39	-7.67	11.57	<=34.77	Pass
		15	0	21.37	-7.67	11.55	<=34.77	Pass
	707.5	1	0	22.32	-7.67	12.50	<=34.77	Pass
			7	22.65	-7.67	12.83	<=34.77	Pass
			14	22.51	-7.67	12.69	<=34.77	Pass
		8	0	21.32	-7.67	11.50	<=34.77	Pass
			4	21.45	-7.67	11.63	<=34.77	Pass
			7	21.44	-7.67	11.62	<=34.77	Pass
		15	0	21.35	-7.67	11.53	<=34.77	Pass
	714.5	1	0	22.59	-7.67	12.77	<=34.77	Pass
			7	22.66	-7.67	12.84	<=34.77	Pass
			14	22.63	-7.67	12.81	<=34.77	Pass
		8	0	21.34	-7.67	11.52	<=34.77	Pass
			4	21.43	-7.67	11.61	<=34.77	Pass
			7	21.41	-7.67	11.59	<=34.77	Pass
		15	0	21.24	-7.67	11.42	<=34.77	Pass
64QAM	700.5	1	0	22.42	-7.67	12.60	<=34.77	Pass
			7	22.51	-7.67	12.69	<=34.77	Pass
			14	22.27	-7.67	12.45	<=34.77	Pass
		8	0	21.25	-7.67	11.43	<=34.77	Pass
			4	21.37	-7.67	11.55	<=34.77	Pass
			7	21.34	-7.67	11.52	<=34.77	Pass
		15	0	21.33	-7.67	11.51	<=34.77	Pass
	707.5	1	0	22.36	-7.67	12.54	<=34.77	Pass
			7	22.47	-7.67	12.65	<=34.77	Pass
			14	22.39	-7.67	12.57	<=34.77	Pass
		8	0	21.33	-7.67	11.51	<=34.77	Pass
			4	21.44	-7.67	11.62	<=34.77	Pass
			7	21.39	-7.67	11.57	<=34.77	Pass
		15	0	21.21	-7.67	11.39	<=34.77	Pass
	714.5	1	0	22.36	-7.67	12.54	<=34.77	Pass
			7	22.49	-7.67	12.67	<=34.77	Pass
			14	22.34	-7.67	12.52	<=34.77	Pass
		8	0	21.27	-7.67	11.45	<=34.77	Pass
			4	21.28	-7.67	11.46	<=34.77	Pass
			7	21.30	-7.67	11.48	<=34.77	Pass
		15	0	21.23	-7.67	11.41	<=34.77	Pass
256QAM	700.5	1	0	18.23	-7.67	8.41	<=34.77	Pass
			7	18.49	-7.67	8.67	<=34.77	Pass
			14	18.12	-7.67	8.30	<=34.77	Pass
		8	0	18.34	-7.67	8.52	<=34.77	Pass
			4	18.31	-7.67	8.49	<=34.77	Pass
			7	18.28	-7.67	8.46	<=34.77	Pass
		15	0	18.23	-7.67	8.41	<=34.77	Pass
	707.5	1	0	18.16	-7.67	8.34	<=34.77	Pass
			7	18.37	-7.67	8.55	<=34.77	Pass

			14	18.27	-7.67	8.45	<=34.77	Pass
		8	0	18.24	-7.67	8.42	<=34.77	Pass
			4	18.35	-7.67	8.53	<=34.77	Pass
			7	18.40	-7.67	8.58	<=34.77	Pass
		15	0	18.29	-7.67	8.47	<=34.77	Pass
	714.5	1	0	18.28	-7.67	8.46	<=34.77	Pass
			7	18.45	-7.67	8.63	<=34.77	Pass
			14	18.32	-7.67	8.50	<=34.77	Pass
		8	0	18.33	-7.67	8.51	<=34.77	Pass
			4	18.36	-7.67	8.54	<=34.77	Pass
			7	18.29	-7.67	8.47	<=34.77	Pass
		15	0	18.17	-7.67	8.35	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B12_5MHz_ERP

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	23.30	-7.67	13.48	<=34.77	Pass
			13	23.21	-7.67	13.39	<=34.77	Pass
			24	23.23	-7.67	13.41	<=34.77	Pass
		12	0	22.23	-7.67	12.41	<=34.77	Pass
			6	22.34	-7.67	12.52	<=34.77	Pass
			13	22.34	-7.67	12.52	<=34.77	Pass
		25	0	22.36	-7.67	12.54	<=34.77	Pass
	707.5	1	0	23.22	-7.67	13.40	<=34.77	Pass
			13	23.41	-7.67	13.59	<=34.77	Pass
			24	23.25	-7.67	13.43	<=34.77	Pass
		12	0	22.29	-7.67	12.47	<=34.77	Pass
			6	22.28	-7.67	12.46	<=34.77	Pass
			13	22.34	-7.67	12.52	<=34.77	Pass
		25	0	22.26	-7.67	12.44	<=34.77	Pass
	713.5	1	0	23.28	-7.67	13.46	<=34.77	Pass
			13	23.46	-7.67	13.64	<=34.77	Pass
			24	23.26	-7.67	13.44	<=34.77	Pass
		12	0	22.33	-7.67	12.51	<=34.77	Pass
			6	22.27	-7.67	12.45	<=34.77	Pass
			13	22.35	-7.67	12.53	<=34.77	Pass
		25	0	22.24	-7.67	12.42	<=34.77	Pass
16QAM	701.5	1	0	22.68	-7.67	12.86	<=34.77	Pass
			13	22.55	-7.67	12.73	<=34.77	Pass
			24	22.61	-7.67	12.79	<=34.77	Pass
		12	0	21.22	-7.67	11.40	<=34.77	Pass
			6	21.40	-7.67	11.58	<=34.77	Pass
			13	21.35	-7.67	11.53	<=34.77	Pass
		25	0	21.31	-7.67	11.49	<=34.77	Pass
	707.5	1	0	22.62	-7.67	12.80	<=34.77	Pass
			13	22.85	-7.67	13.03	<=34.77	Pass
			24	22.65	-7.67	12.83	<=34.77	Pass
		12	0	21.34	-7.67	11.52	<=34.77	Pass
			6	21.34	-7.67	11.52	<=34.77	Pass
			13	21.38	-7.67	11.56	<=34.77	Pass
		25	0	21.42	-7.67	11.60	<=34.77	Pass
	713.5	1	0	22.65	-7.67	12.83	<=34.77	Pass

			13	23.02	-7.67	13.20	<=34.77	Pass
			24	22.56	-7.67	12.74	<=34.77	Pass
		12	0	21.33	-7.67	11.51	<=34.77	Pass
			6	21.36	-7.67	11.54	<=34.77	Pass
			13	21.34	-7.67	11.52	<=34.77	Pass
		25	0	21.31	-7.67	11.49	<=34.77	Pass
64QAM	701.5	1	0	22.35	-7.67	12.53	<=34.77	Pass
			13	22.37	-7.67	12.55	<=34.77	Pass
			24	22.33	-7.67	12.51	<=34.77	Pass
		12	0	21.32	-7.67	11.50	<=34.77	Pass
			6	21.40	-7.67	11.58	<=34.77	Pass
			13	21.40	-7.67	11.58	<=34.77	Pass
		25	0	21.38	-7.67	11.56	<=34.77	Pass
	707.5	1	0	22.32	-7.67	12.50	<=34.77	Pass
			13	22.44	-7.67	12.62	<=34.77	Pass
			24	22.55	-7.67	12.73	<=34.77	Pass
		12	0	21.30	-7.67	11.48	<=34.77	Pass
			6	21.31	-7.67	11.49	<=34.77	Pass
			13	21.35	-7.67	11.53	<=34.77	Pass
		25	0	21.30	-7.67	11.48	<=34.77	Pass
	713.5	1	0	22.45	-7.67	12.63	<=34.77	Pass
			13	22.43	-7.67	12.61	<=34.77	Pass
			24	22.34	-7.67	12.52	<=34.77	Pass
		12	0	21.31	-7.67	11.49	<=34.77	Pass
			6	21.30	-7.67	11.48	<=34.77	Pass
			13	21.34	-7.67	11.52	<=34.77	Pass
		25	0	21.25	-7.67	11.43	<=34.77	Pass
256QAM	701.5	1	0	18.11	-7.67	8.29	<=34.77	Pass
			13	18.27	-7.67	8.45	<=34.77	Pass
			24	18.42	-7.67	8.60	<=34.77	Pass
		12	0	18.22	-7.67	8.40	<=34.77	Pass
			6	18.36	-7.67	8.54	<=34.77	Pass
			13	18.36	-7.67	8.54	<=34.77	Pass
		25	0	18.34	-7.67	8.52	<=34.77	Pass
	707.5	1	0	18.40	-7.67	8.58	<=34.77	Pass
			13	18.39	-7.67	8.57	<=34.77	Pass
			24	18.41	-7.67	8.59	<=34.77	Pass
		12	0	18.28	-7.67	8.46	<=34.77	Pass
			6	18.29	-7.67	8.47	<=34.77	Pass
			13	18.30	-7.67	8.48	<=34.77	Pass
		25	0	18.23	-7.67	8.41	<=34.77	Pass
	713.5	1	0	18.32	-7.67	8.50	<=34.77	Pass
			13	18.31	-7.67	8.49	<=34.77	Pass
			24	18.26	-7.67	8.44	<=34.77	Pass
		12	0	18.19	-7.67	8.37	<=34.77	Pass
			6	18.32	-7.67	8.50	<=34.77	Pass
			13	18.28	-7.67	8.46	<=34.77	Pass
		25	0	18.23	-7.67	8.41	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B12_10MHz_ERP

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	704	1	0	23.30	-7.67	13.48	<=34.77	Pass
			25	23.33	-7.67	13.51	<=34.77	Pass
			49	23.28	-7.67	13.46	<=34.77	Pass
		25	0	22.32	-7.67	12.50	<=34.77	Pass
			13	22.39	-7.67	12.57	<=34.77	Pass
			25	22.36	-7.67	12.54	<=34.77	Pass
		50	0	22.33	-7.67	12.51	<=34.77	Pass
	707.5	1	0	23.32	-7.67	13.50	<=34.77	Pass
			25	23.42	-7.67	13.60	<=34.77	Pass
			49	23.28	-7.67	13.46	<=34.77	Pass
		25	0	22.30	-7.67	12.48	<=34.77	Pass
			13	22.36	-7.67	12.54	<=34.77	Pass
			25	22.37	-7.67	12.55	<=34.77	Pass
		50	0	22.21	-7.67	12.39	<=34.77	Pass
	711	1	0	23.39	-7.67	13.57	<=34.77	Pass
			25	23.32	-7.67	13.50	<=34.77	Pass
			49	23.25	-7.67	13.43	<=34.77	Pass
		25	0	22.28	-7.67	12.46	<=34.77	Pass
			13	22.26	-7.67	12.44	<=34.77	Pass
			25	22.31	-7.67	12.49	<=34.77	Pass
		50	0	22.30	-7.67	12.48	<=34.77	Pass
16QAM	704	1	0	22.66	-7.67	12.84	<=34.77	Pass
			25	22.67	-7.67	12.85	<=34.77	Pass
			49	22.49	-7.67	12.67	<=34.77	Pass
		25	0	21.29	-7.67	11.47	<=34.77	Pass
			13	21.42	-7.67	11.60	<=34.77	Pass
			25	21.40	-7.67	11.58	<=34.77	Pass
		50	0	21.38	-7.67	11.56	<=34.77	Pass
	707.5	1	0	22.79	-7.67	12.97	<=34.77	Pass
			25	22.62	-7.67	12.80	<=34.77	Pass
			49	22.77	-7.67	12.95	<=34.77	Pass
		25	0	21.31	-7.67	11.49	<=34.77	Pass
			13	21.31	-7.67	11.49	<=34.77	Pass
			25	21.40	-7.67	11.58	<=34.77	Pass
		50	0	21.20	-7.67	11.38	<=34.77	Pass
	711	1	0	22.88	-7.67	13.06	<=34.77	Pass
			25	22.79	-7.67	12.97	<=34.77	Pass
			49	22.51	-7.67	12.69	<=34.77	Pass
		25	0	21.32	-7.67	11.50	<=34.77	Pass
			13	21.32	-7.67	11.50	<=34.77	Pass
			25	21.36	-7.67	11.54	<=34.77	Pass
		50	0	21.25	-7.67	11.43	<=34.77	Pass
64QAM	704	1	0	22.52	-7.67	12.70	<=34.77	Pass
			25	22.38	-7.67	12.56	<=34.77	Pass
			49	22.23	-7.67	12.41	<=34.77	Pass
		25	0	21.31	-7.67	11.49	<=34.77	Pass
			13	21.34	-7.67	11.52	<=34.77	Pass
			25	21.42	-7.67	11.60	<=34.77	Pass
		50	0	21.36	-7.67	11.54	<=34.77	Pass
	707.5	1	0	22.52	-7.67	12.70	<=34.77	Pass
			25	22.53	-7.67	12.71	<=34.77	Pass
			49	22.31	-7.67	12.49	<=34.77	Pass
		25	0	21.30	-7.67	11.48	<=34.77	Pass
			13	21.37	-7.67	11.55	<=34.77	Pass
			25	21.35	-7.67	11.53	<=34.77	Pass
		50	0	21.30	-7.67	11.48	<=34.77	Pass
	711	1	0	22.33	-7.67	12.51	<=34.77	Pass
			25	22.44	-7.67	12.62	<=34.77	Pass
			49	22.40	-7.67	12.58	<=34.77	Pass

		25	0	21.31	-7.67	11.49	<=34.77	Pass
			13	21.30	-7.67	11.48	<=34.77	Pass
			25	21.37	-7.67	11.55	<=34.77	Pass
		50	0	21.25	-7.67	11.43	<=34.77	Pass
256QAM	704	1	0	18.40	-7.67	8.58	<=34.77	Pass
			25	18.44	-7.67	8.62	<=34.77	Pass
			49	18.36	-7.67	8.54	<=34.77	Pass
		25	0	18.27	-7.67	8.45	<=34.77	Pass
			13	18.36	-7.67	8.54	<=34.77	Pass
			25	18.34	-7.67	8.52	<=34.77	Pass
		50	0	18.38	-7.67	8.56	<=34.77	Pass
	707.5	1	0	18.23	-7.67	8.41	<=34.77	Pass
			25	18.47	-7.67	8.65	<=34.77	Pass
			49	18.34	-7.67	8.52	<=34.77	Pass
		25	0	18.22	-7.67	8.40	<=34.77	Pass
			13	18.26	-7.67	8.44	<=34.77	Pass
			25	18.33	-7.67	8.51	<=34.77	Pass
		50	0	18.33	-7.67	8.51	<=34.77	Pass
	711	1	0	18.41	-7.67	8.59	<=34.77	Pass
			25	18.43	-7.67	8.61	<=34.77	Pass
			49	18.33	-7.67	8.51	<=34.77	Pass
		25	0	18.32	-7.67	8.50	<=34.77	Pass
			13	18.23	-7.67	8.41	<=34.77	Pass
			25	18.38	-7.67	8.56	<=34.77	Pass
		50	0	18.24	-7.67	8.42	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B12_10MHz

2.1.1 Test Result

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.6	-0.900	-0.0013	/	Pass
					3.86	-2.000	-0.0028	/	Pass
					4.3	-1.400	-0.0020	/	Pass
				-30	3.86	1.700	0.0024	/	Pass
				-20	3.86	-1.200	-0.0017	/	Pass
				-10	3.86	-0.800	-0.0011	/	Pass
				0	3.86	-0.800	-0.0011	/	Pass
				10	3.86	-1.000	-0.0014	/	Pass
				30	3.86	-0.700	-0.0010	/	Pass
				40	3.86	-1.600	-0.0023	/	Pass
				50	3.86	-0.100	-0.0001	/	Pass
	707.5	50	0	20	3.6	-1.000	-0.0014	/	Pass
					3.86	-0.500	-0.0007	/	Pass
					4.3	0.300	0.0004	/	Pass
				-30	3.86	-0.400	-0.0006	/	Pass
				-20	3.86	-0.800	-0.0011	/	Pass
				-10	3.86	1.000	0.0014	/	Pass
				0	3.86	-0.400	-0.0006	/	Pass
				10	3.86	0.500	0.0007	/	Pass
				30	3.86	1.200	0.0017	/	Pass

				40	3.86	0.700	0.0010	/	Pass
				50	3.86	-0.800	-0.0011	/	Pass
	711	50	0	20	3.6	-0.800	-0.0011	/	Pass
					3.86	0.800	0.0011	/	Pass
					4.3	-0.800	-0.0011	/	Pass
				-30	3.86	0.600	0.0008	/	Pass
				-20	3.86	1.600	0.0023	/	Pass
				-10	3.86	2.100	0.0030	/	Pass
				0	3.86	-2.300	-0.0032	/	Pass
				10	3.86	0.900	0.0013	/	Pass
				30	3.86	0.700	0.0010	/	Pass
				40	3.86	-1.800	-0.0025	/	Pass
				50	3.86	1.500	0.0021	/	Pass

3. 99% & 26dB Bandwidth

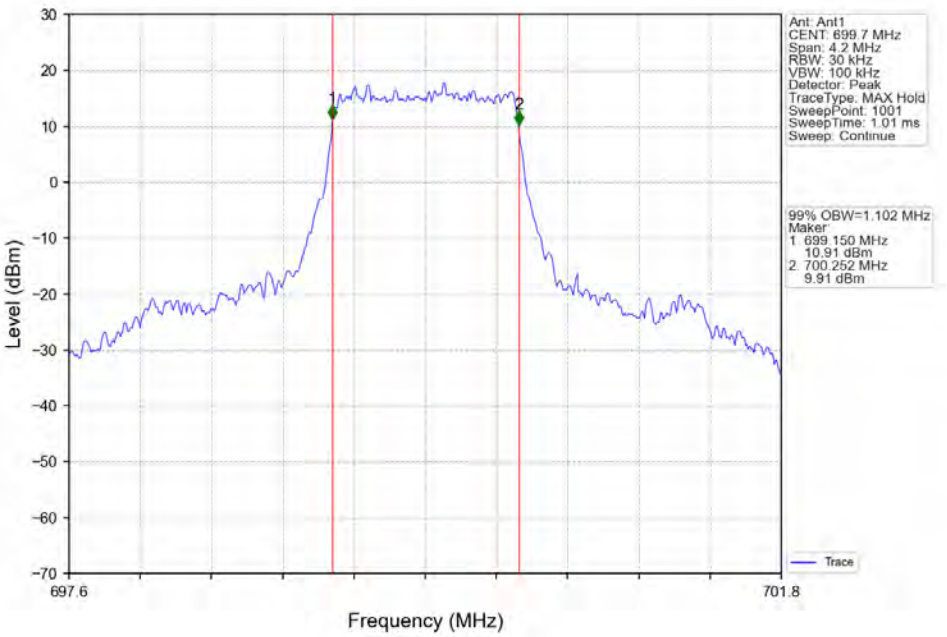
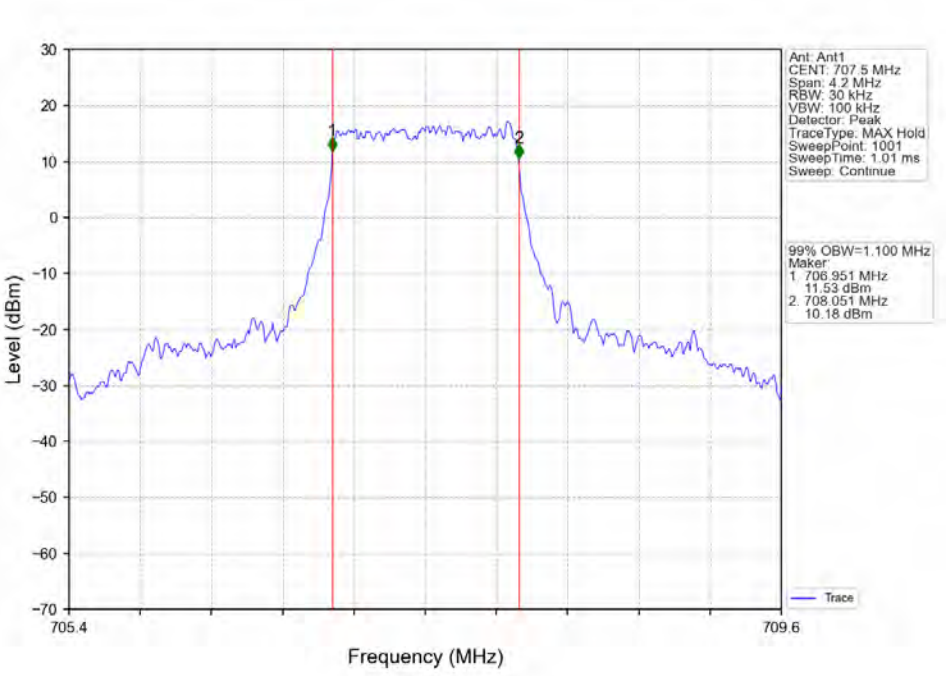
3.1 Band12_OBW

3.1.1 Test Result

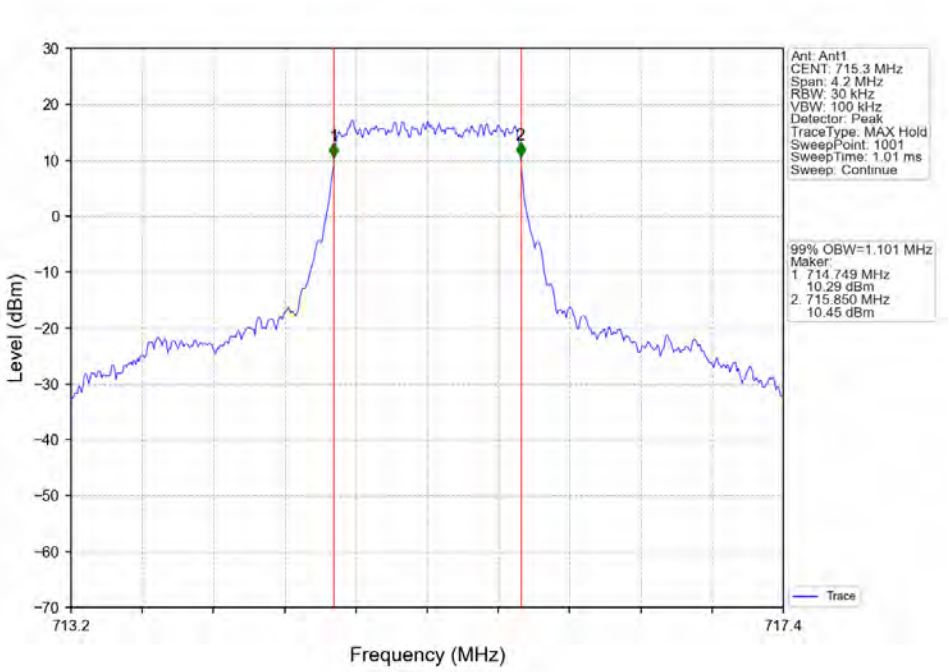
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.102	/	Pass
		707.5	6	0	1.100	/	Pass
		715.3	6	0	1.101	/	Pass
	16QAM	699.7	6	0	1.105	/	Pass
		707.5	6	0	1.104	/	Pass
		715.3	6	0	1.107	/	Pass
	64QAM	699.7	6	0	1.111	/	Pass
		707.5	6	0	1.106	/	Pass
		715.3	6	0	1.106	/	Pass
	256QAM	699.7	6	0	1.098	/	Pass
		707.5	6	0	1.103	/	Pass
		715.3	6	0	1.102	/	Pass
3	QPSK	700.5	15	0	2.734	/	Pass
		707.5	15	0	2.731	/	Pass
		714.5	15	0	2.740	/	Pass
	16QAM	700.5	15	0	2.725	/	Pass
		707.5	15	0	2.746	/	Pass
		714.5	15	0	2.743	/	Pass
	64QAM	700.5	15	0	2.738	/	Pass
		707.5	15	0	2.744	/	Pass
		714.5	15	0	2.740	/	Pass
	256QAM	700.5	15	0	2.733	/	Pass
		707.5	15	0	2.736	/	Pass
		714.5	15	0	2.740	/	Pass
5	QPSK	701.5	25	0	4.509	/	Pass
		707.5	25	0	4.514	/	Pass
		713.5	25	0	4.514	/	Pass
	16QAM	701.5	25	0	4.500	/	Pass
		707.5	25	0	4.531	/	Pass
		713.5	25	0	4.509	/	Pass
	64QAM	701.5	25	0	4.513	/	Pass
		707.5	25	0	4.516	/	Pass
		713.5	25	0	4.527	/	Pass

	256QAM	701.5	25	0	4.517	/	Pass
		707.5	25	0	4.515	/	Pass
		713.5	25	0	4.518	/	Pass
10	QPSK	704	50	0	9.023	/	Pass
		707.5	50	0	8.996	/	Pass
		711	50	0	8.977	/	Pass
	16QAM	704	50	0	9.034	/	Pass
		707.5	50	0	8.976	/	Pass
		711	50	0	9.015	/	Pass
	64QAM	704	50	0	9.007	/	Pass
		707.5	50	0	8.989	/	Pass
		711	50	0	9.028	/	Pass
	256QAM	704	50	0	9.031	/	Pass
		707.5	50	0	8.967	/	Pass
		711	50	0	9.008	/	Pass

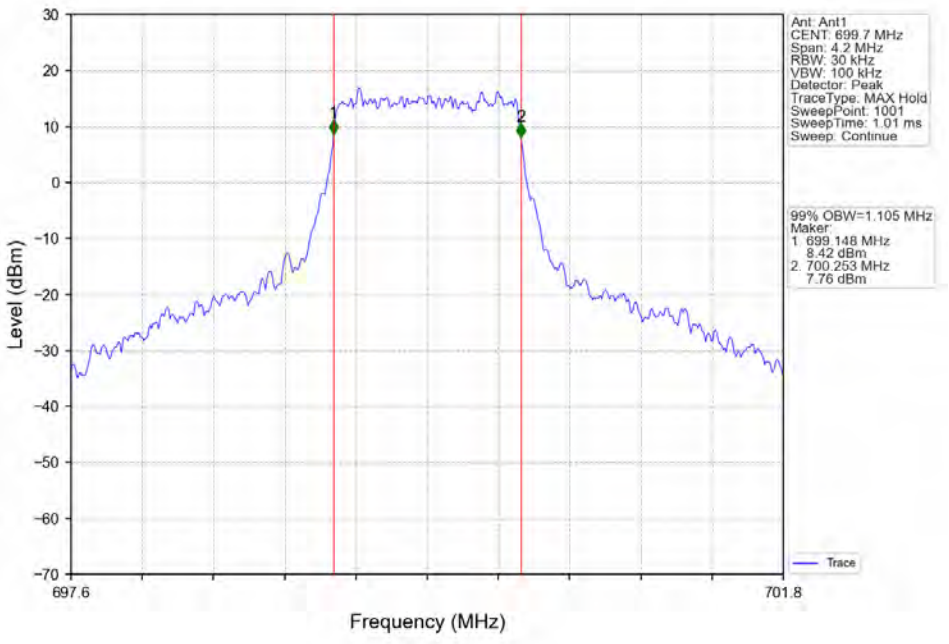
3.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


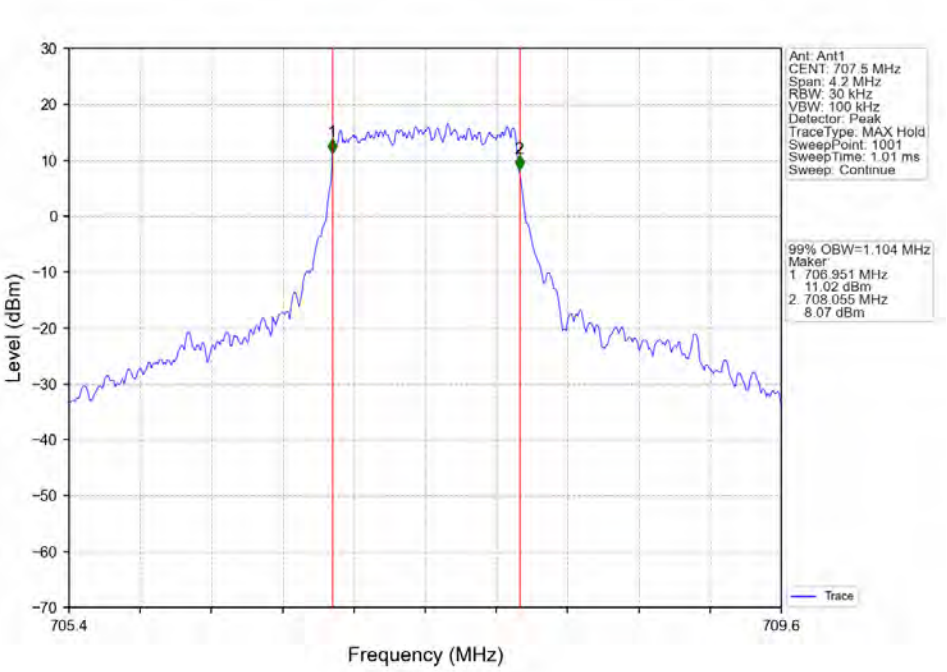
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



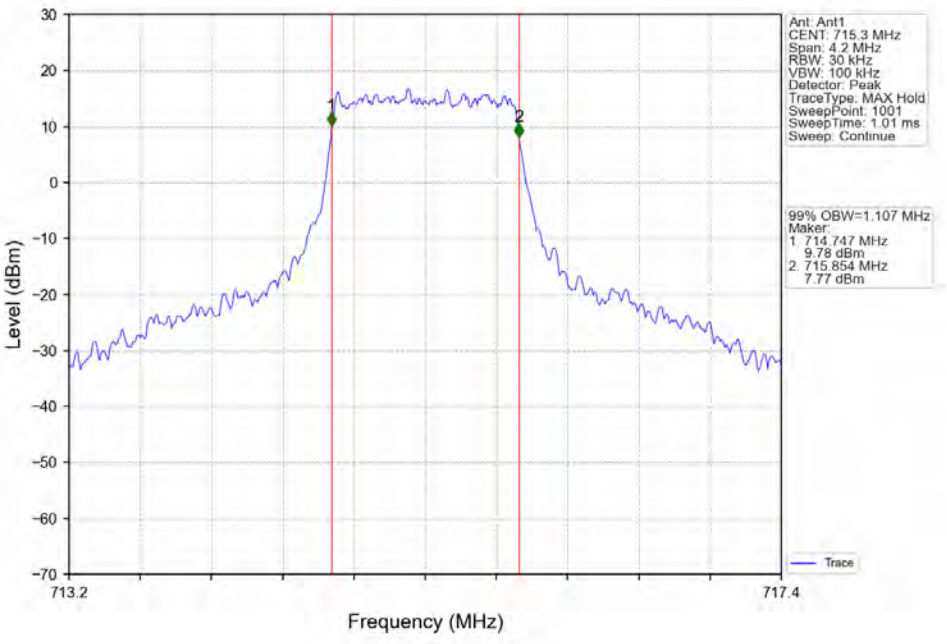
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



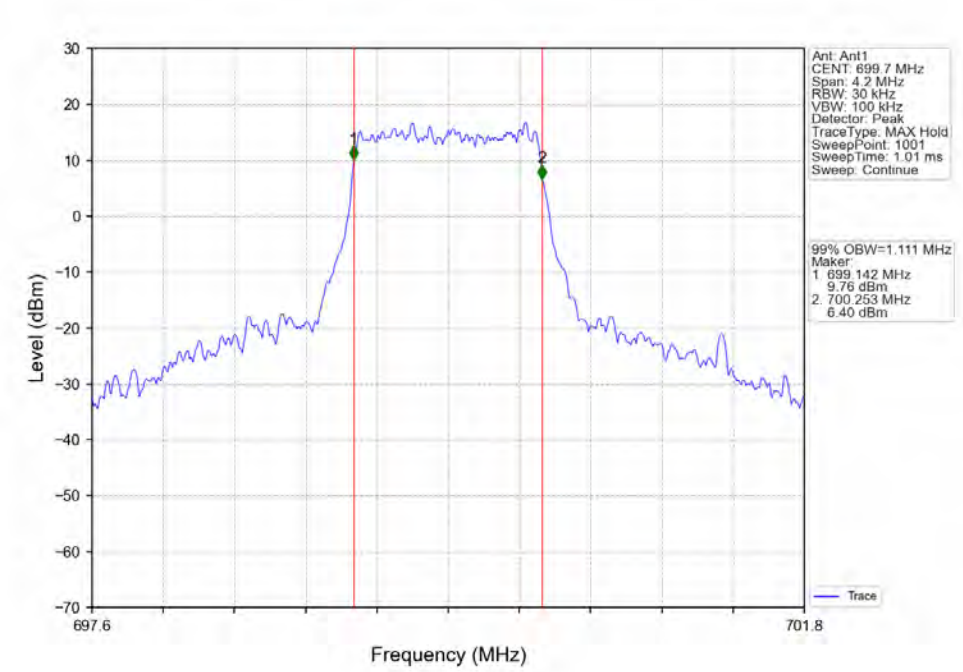
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



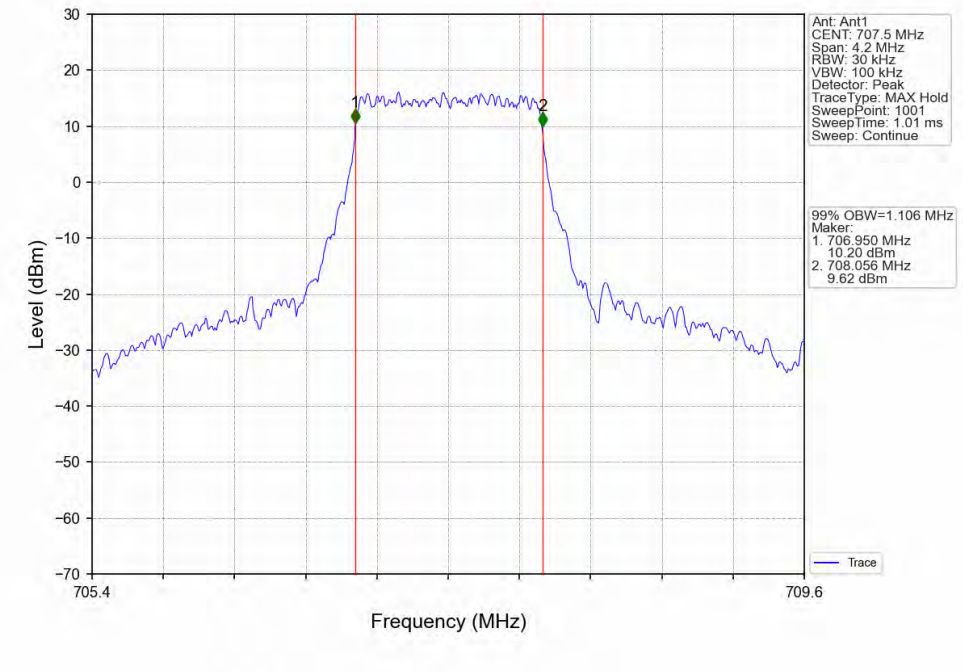
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



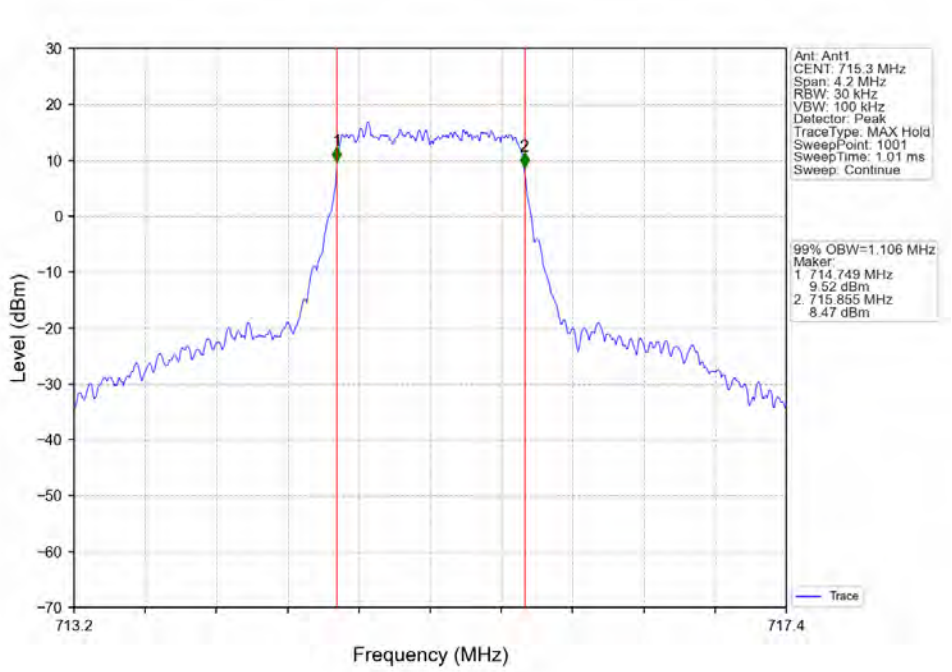
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



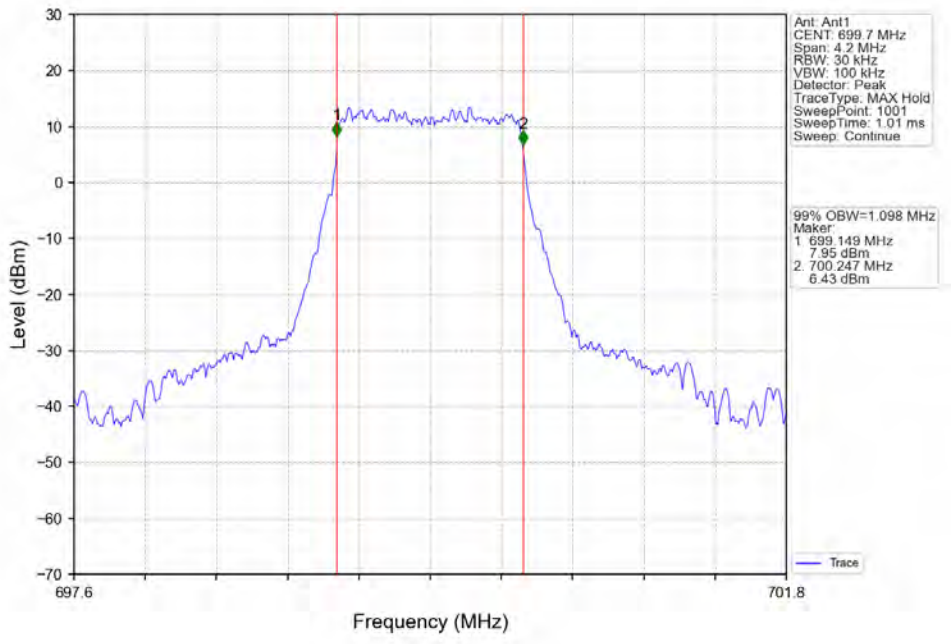
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



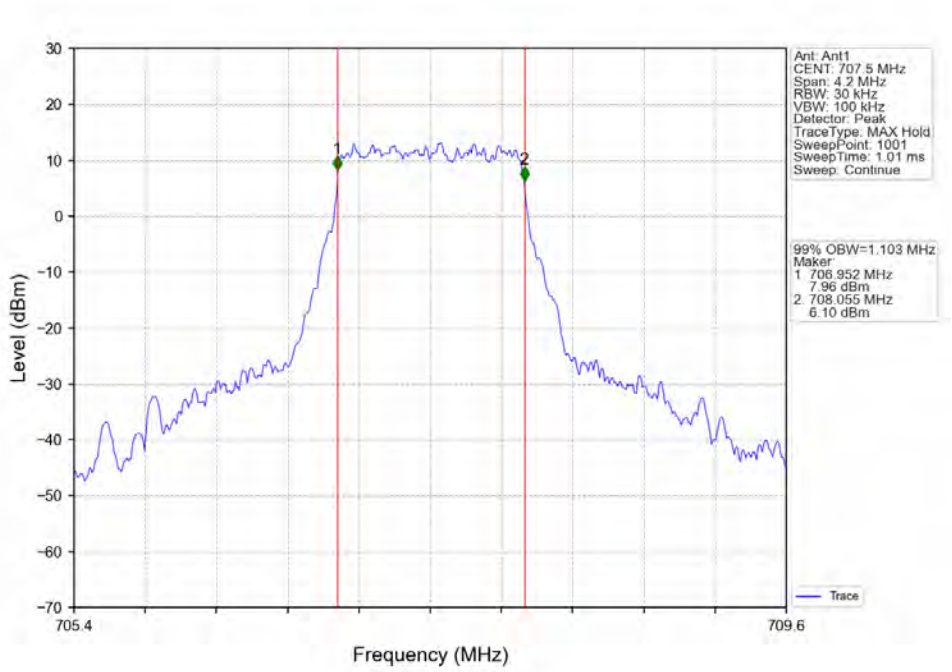
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



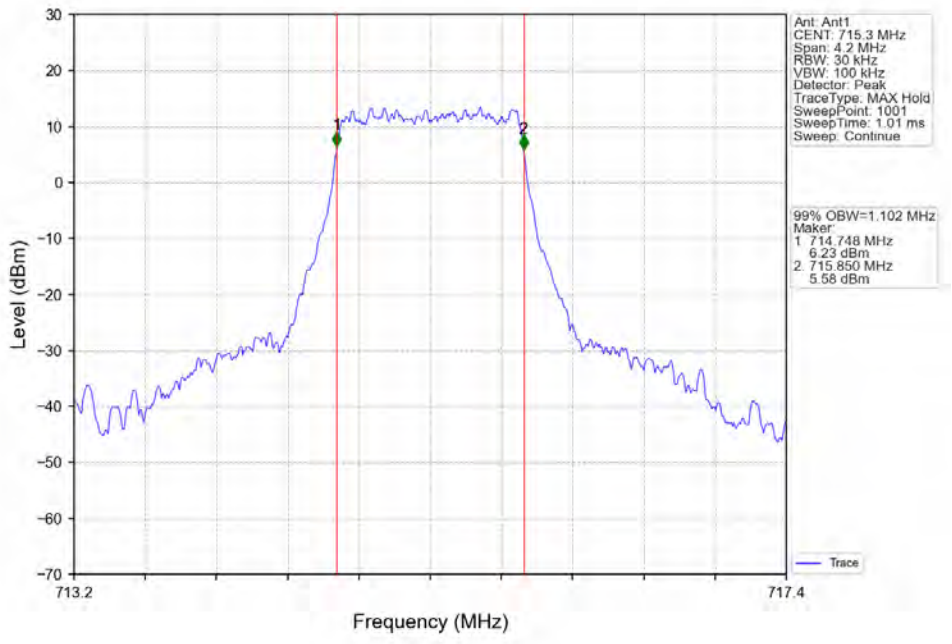
Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV



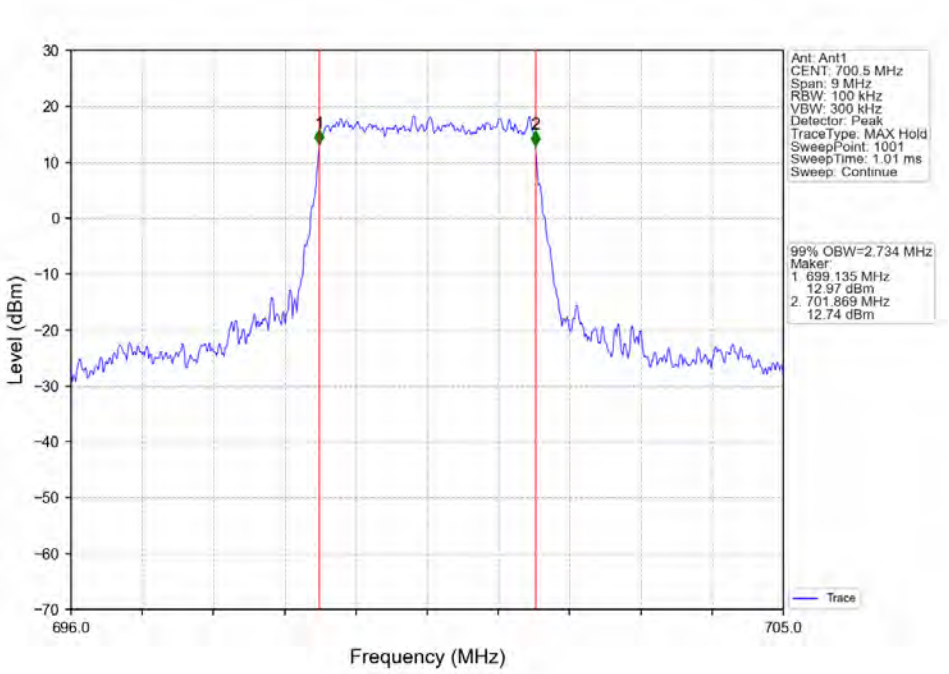
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



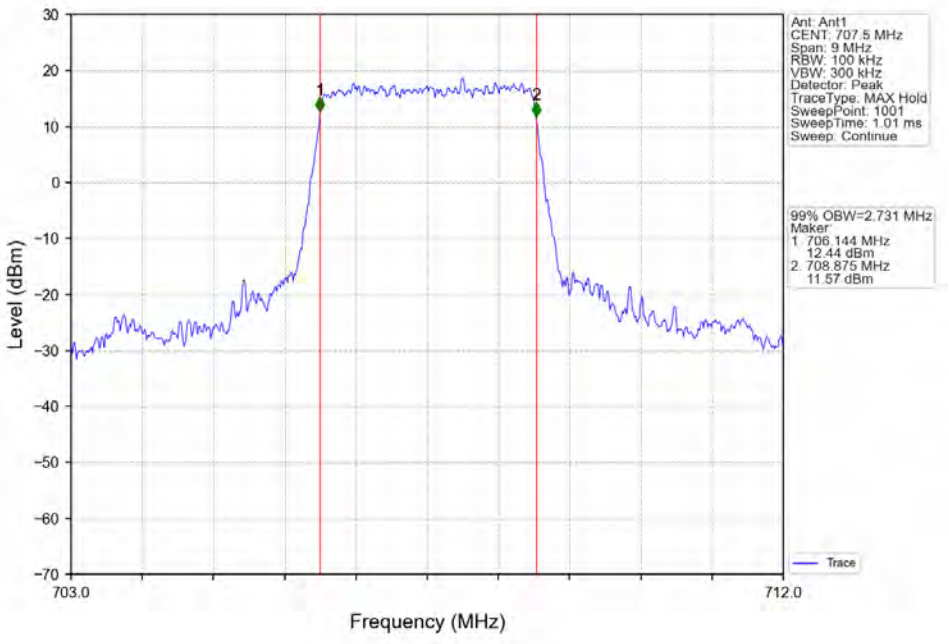
Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV



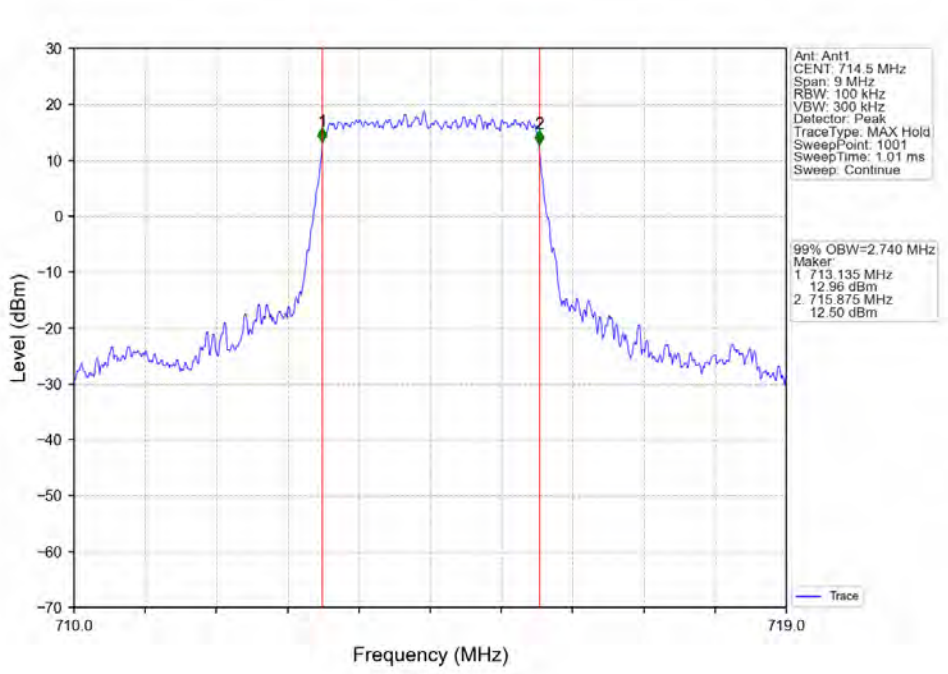
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



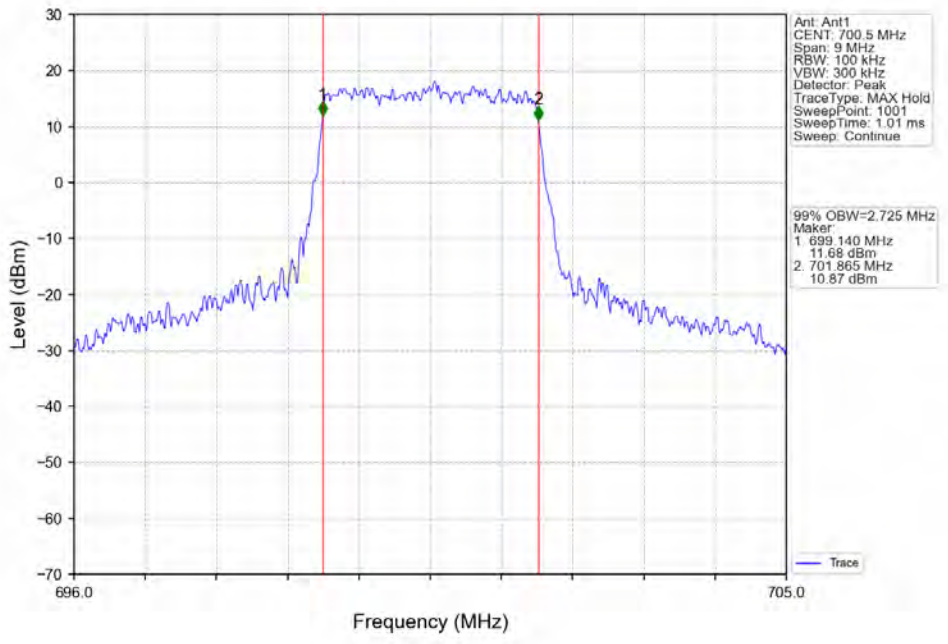
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



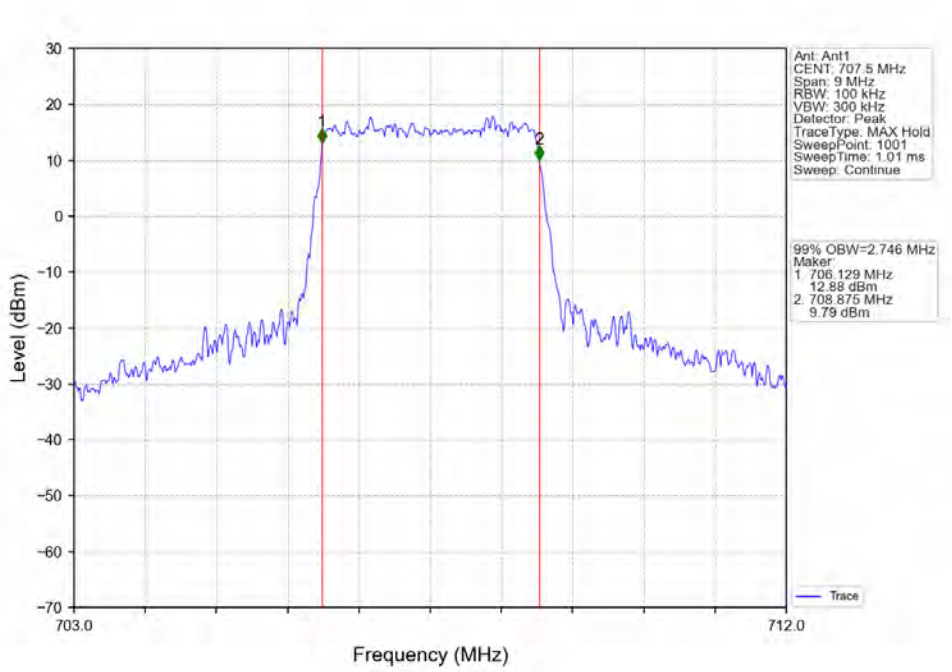
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



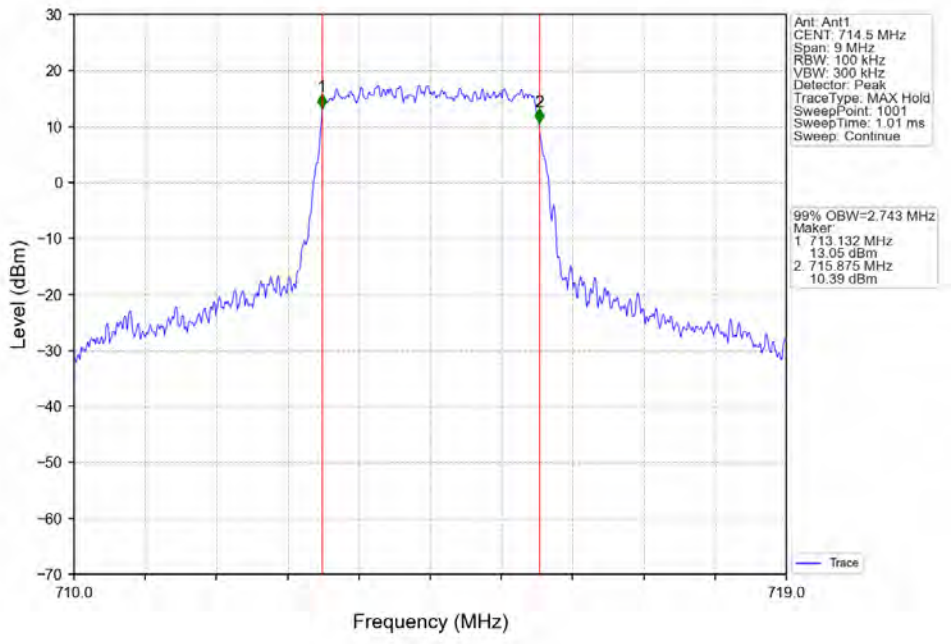
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



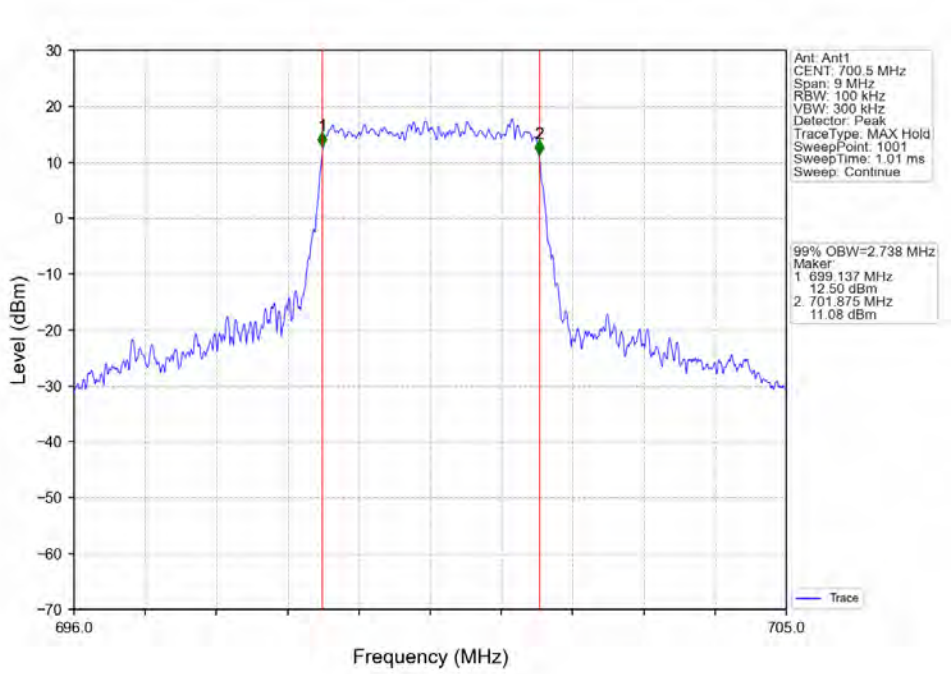
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



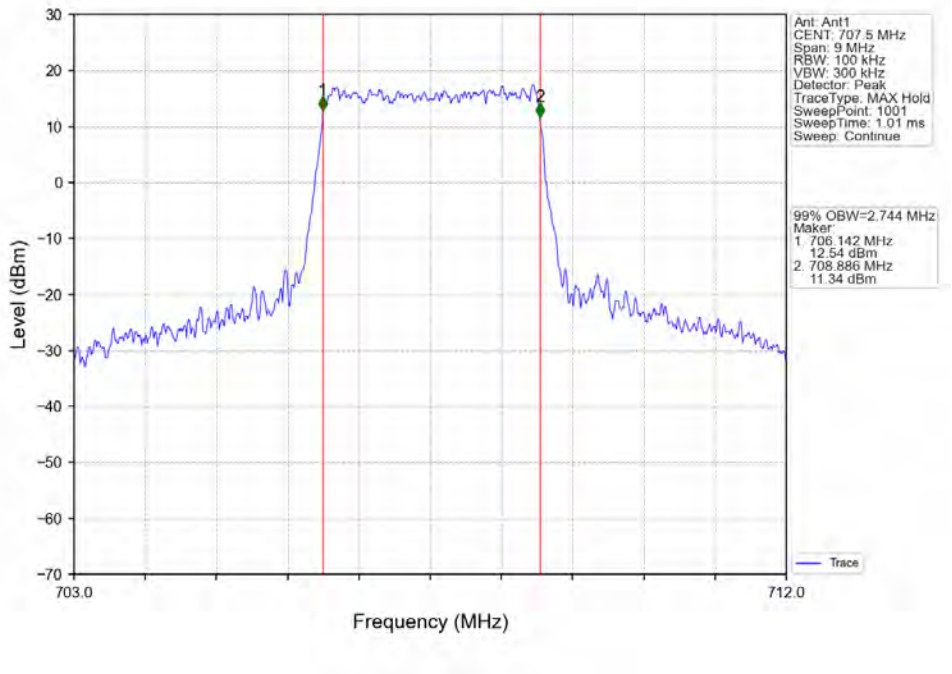
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



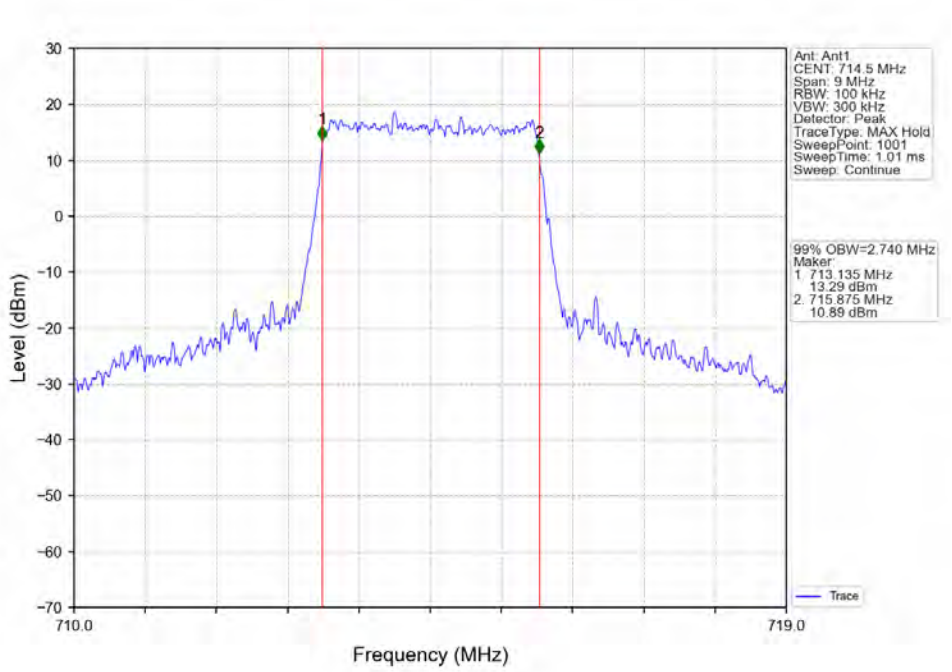
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



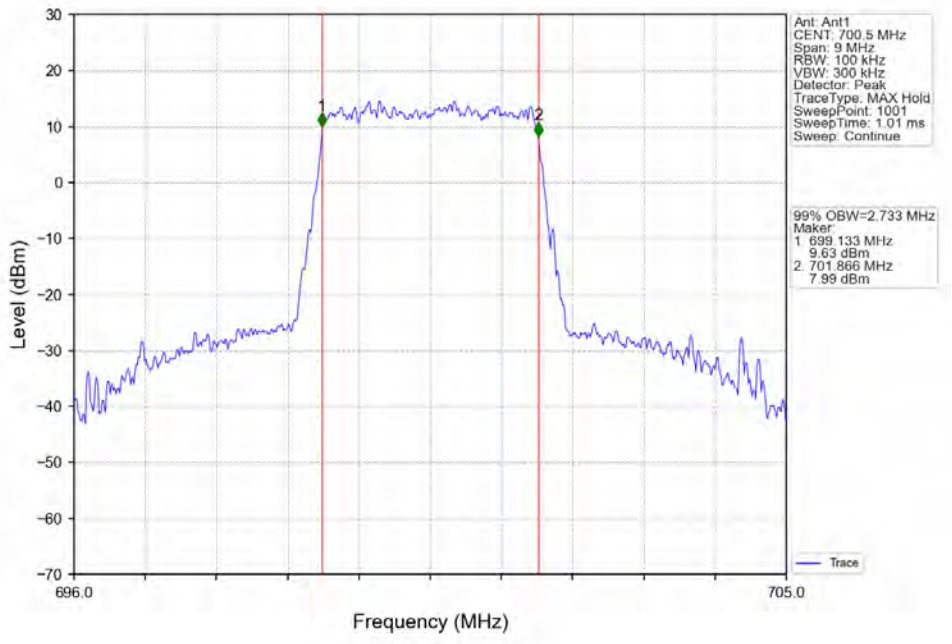
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



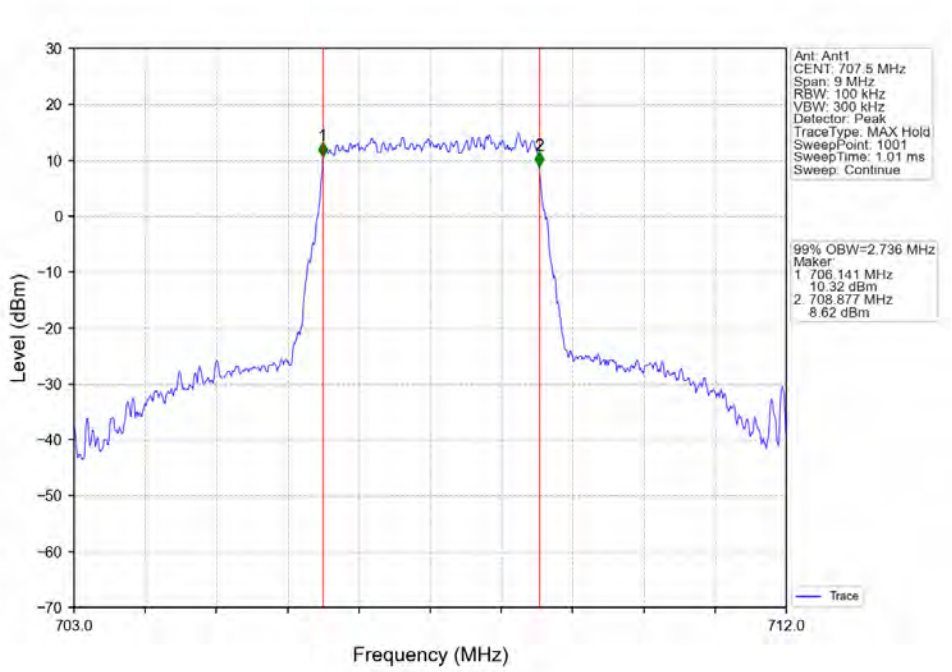
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



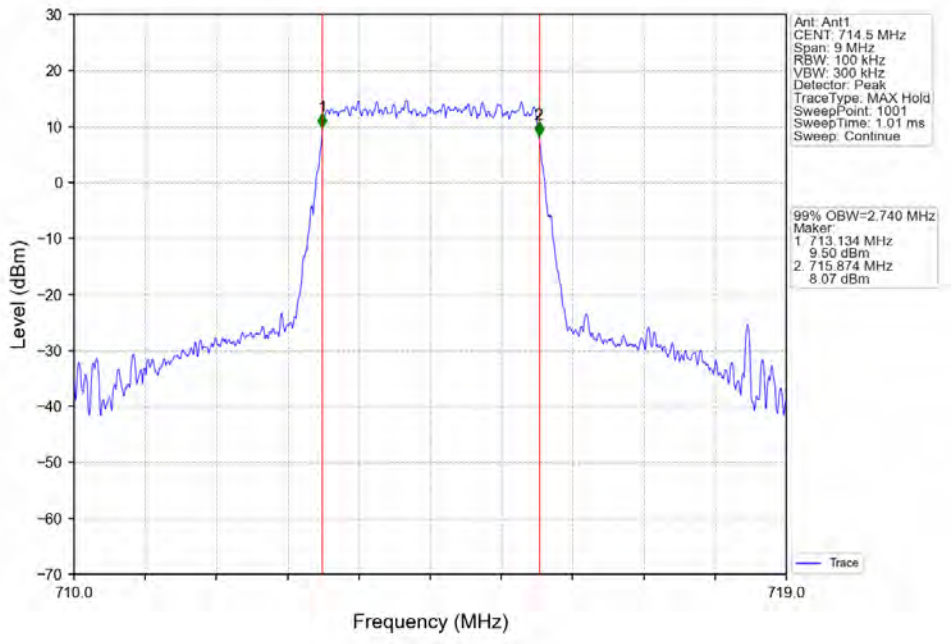
Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



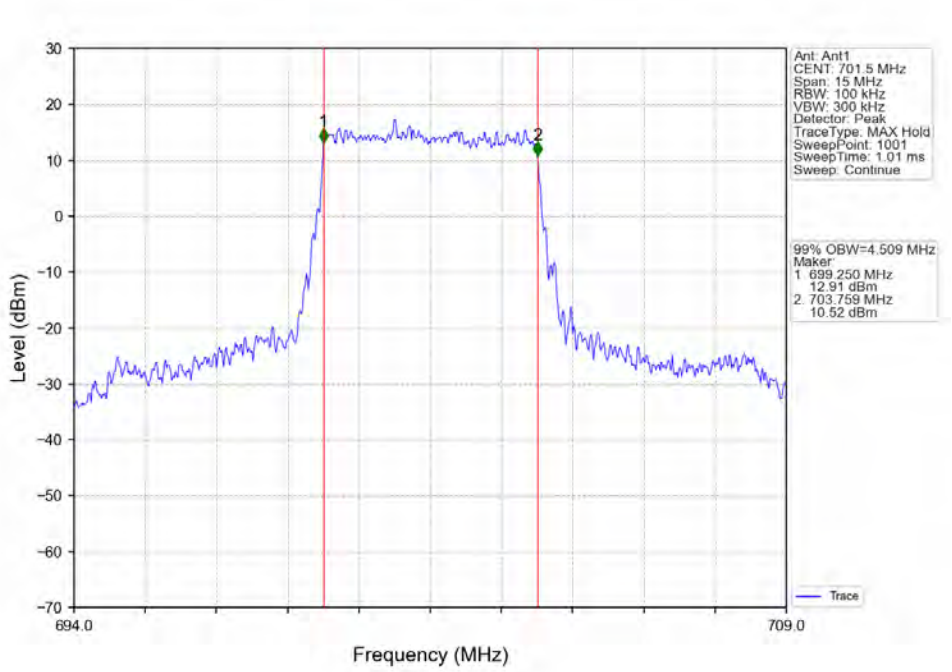
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



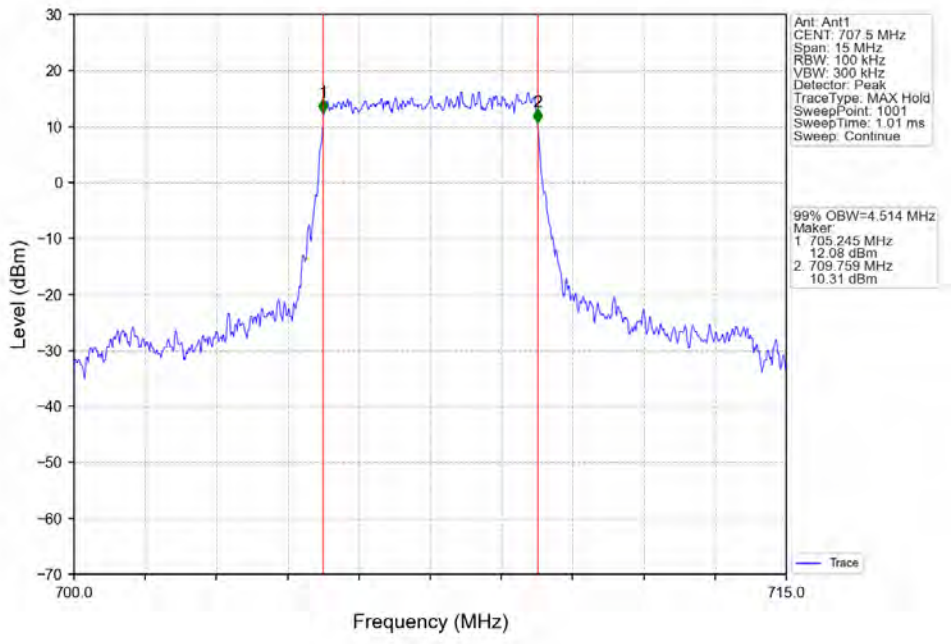
Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV



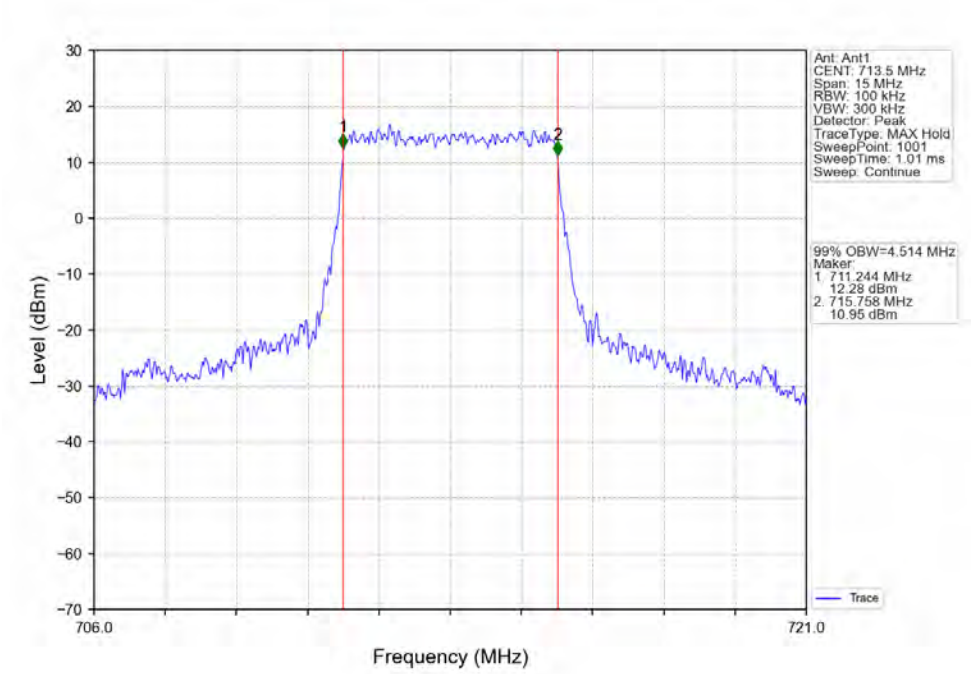
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



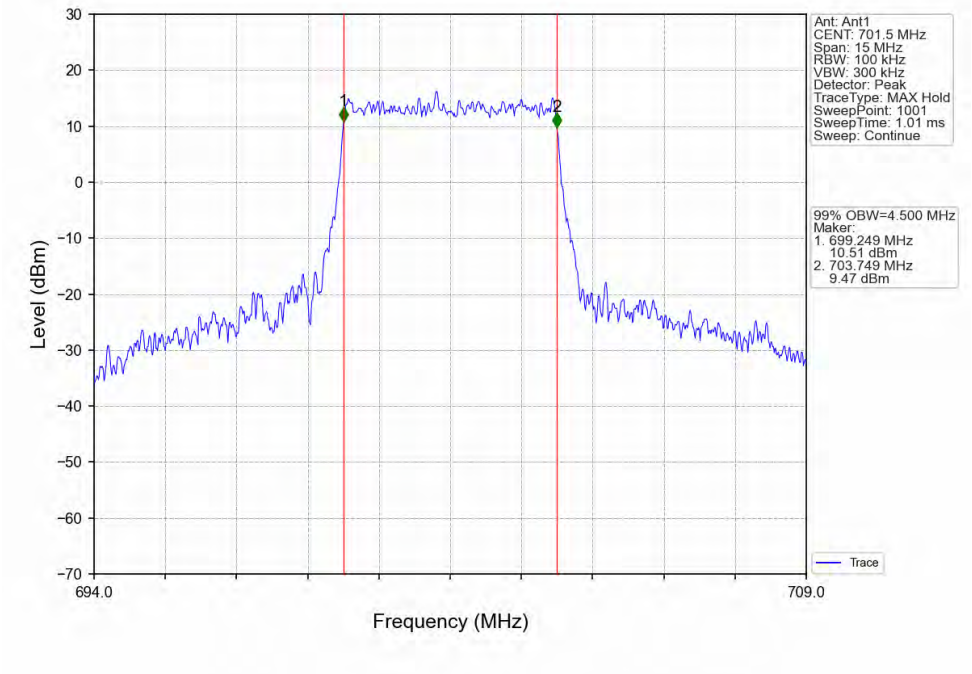
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



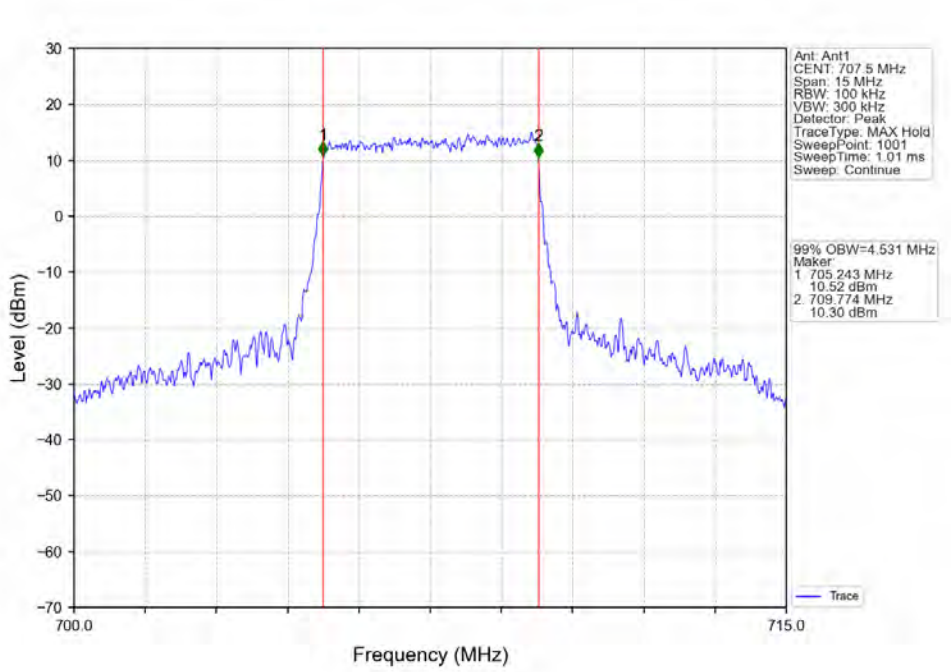
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



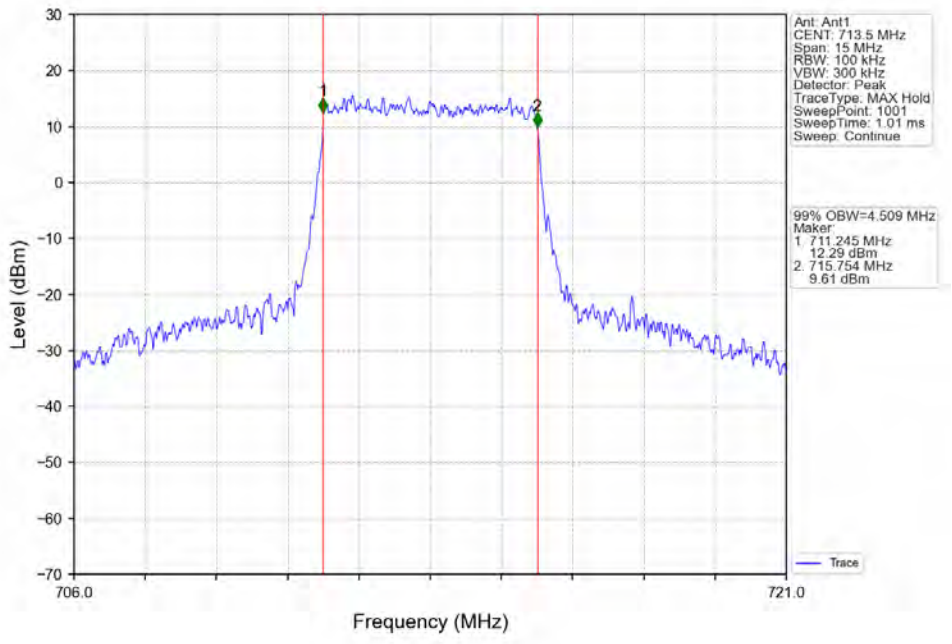
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



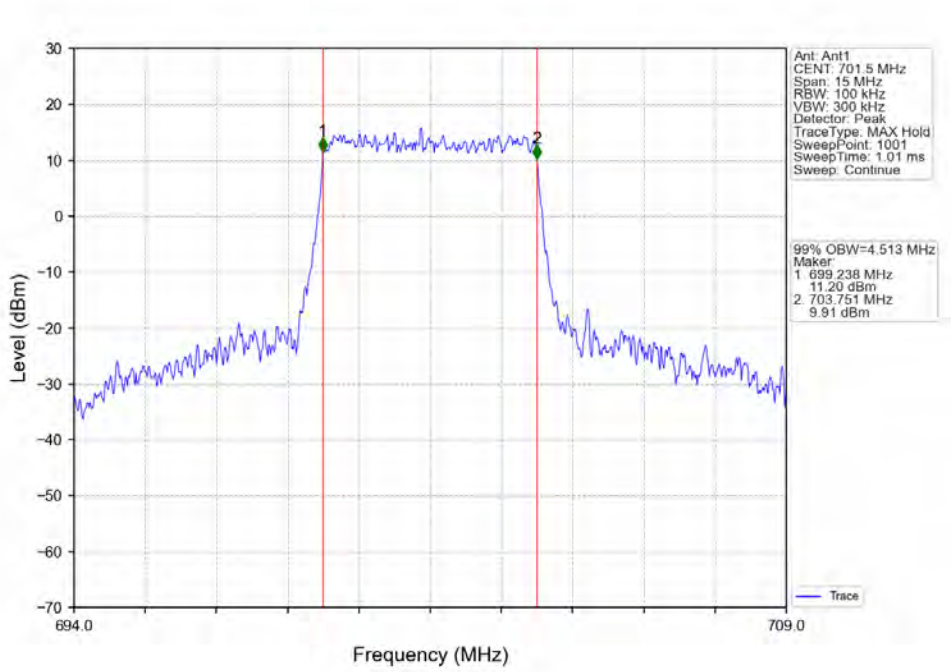
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



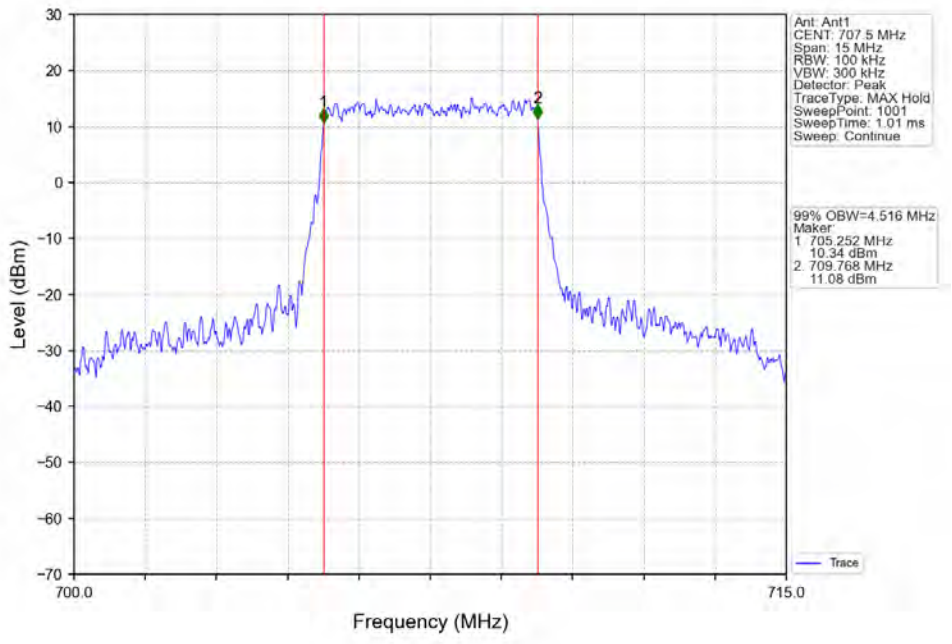
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



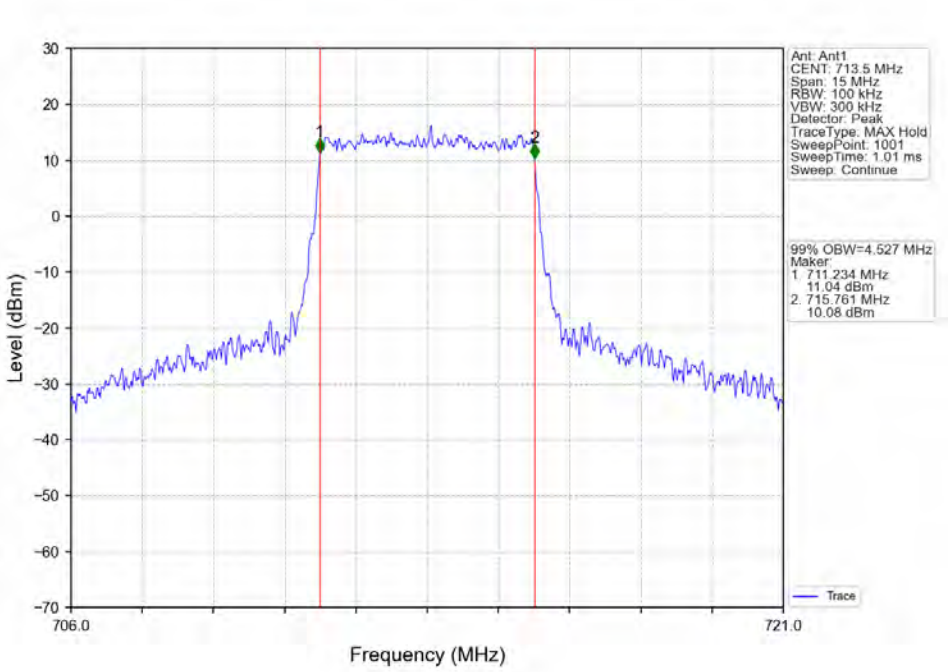
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



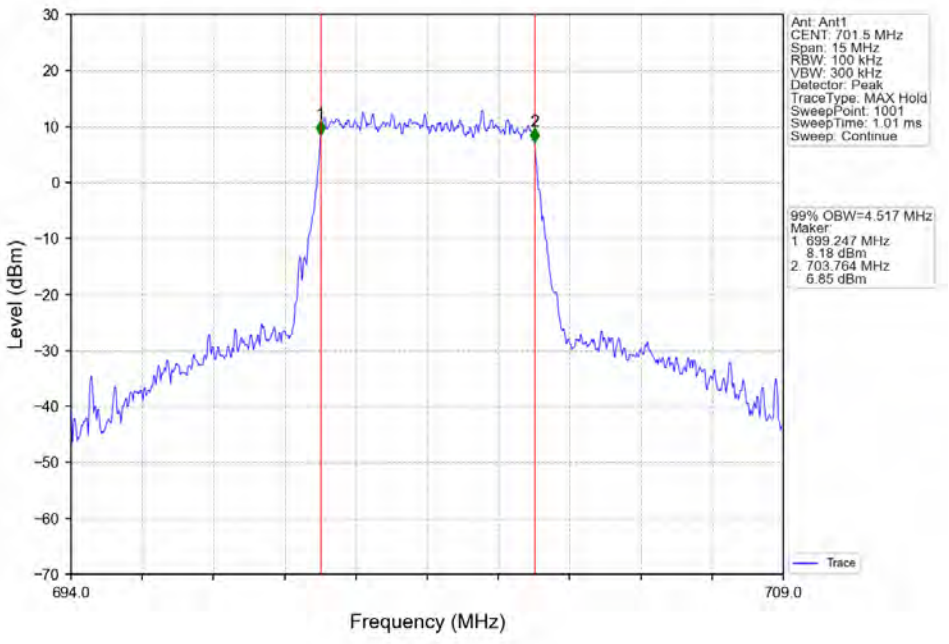
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



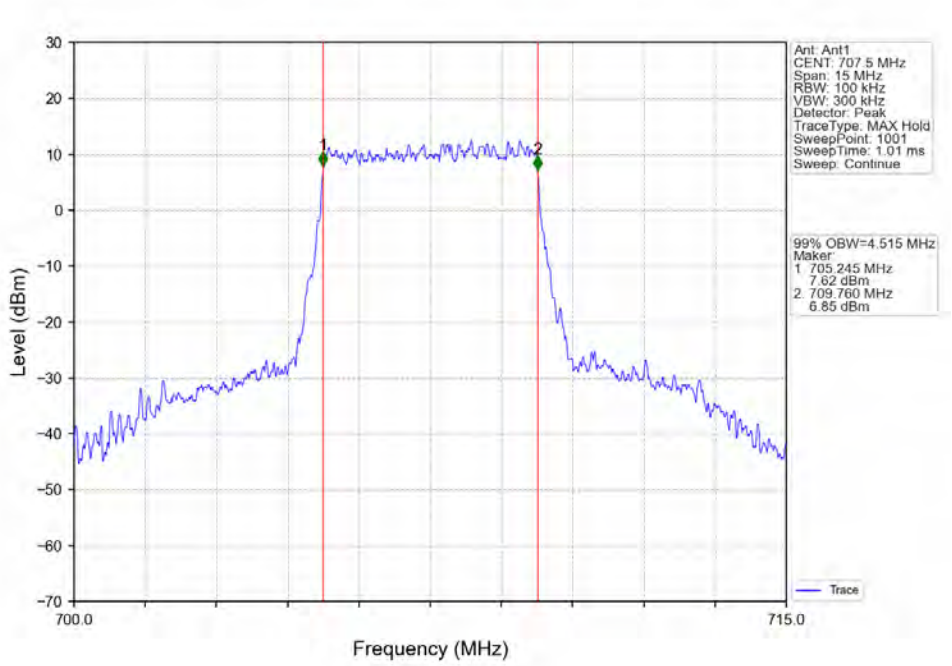
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



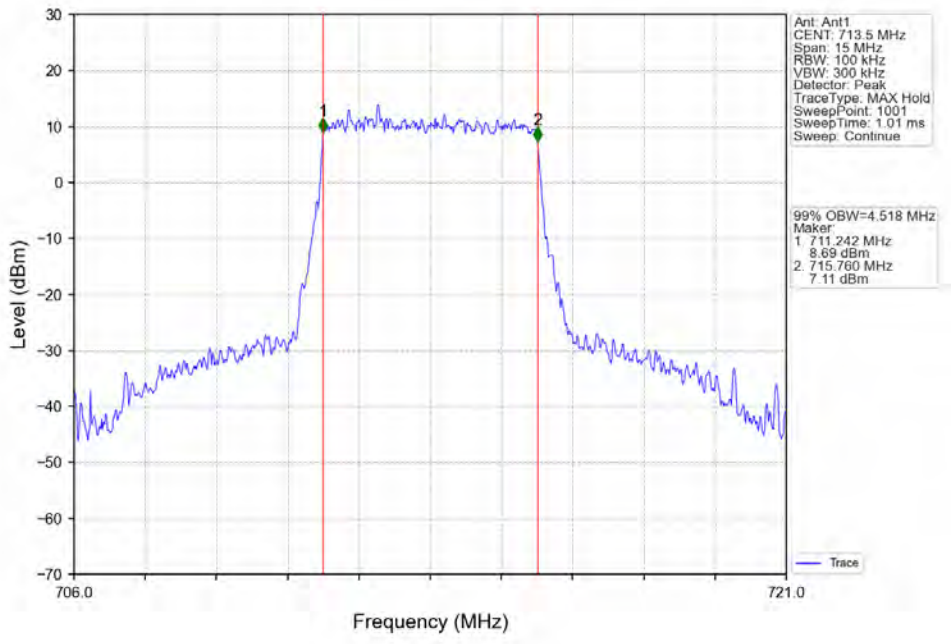
Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



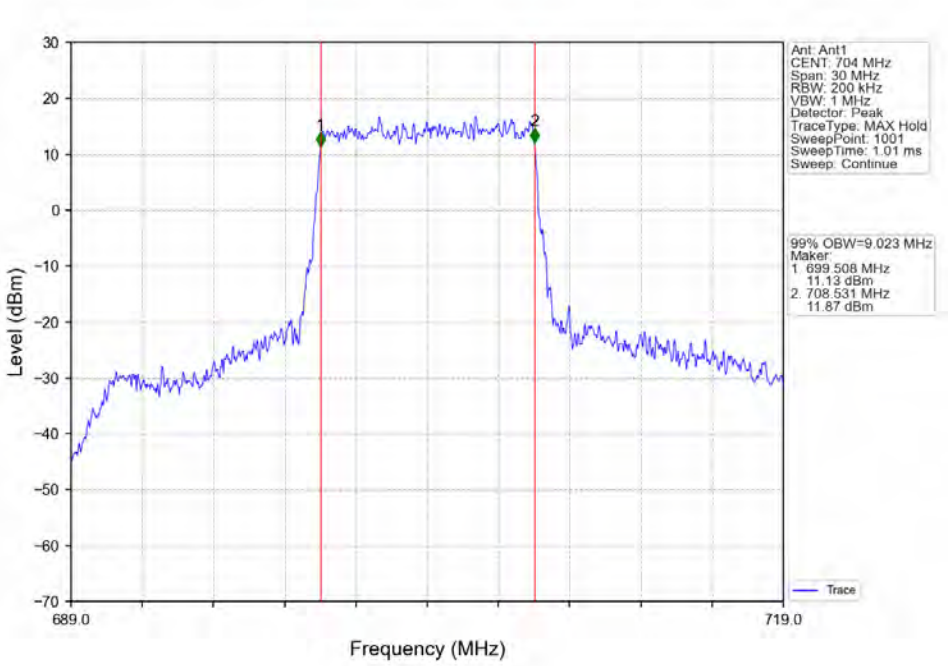
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



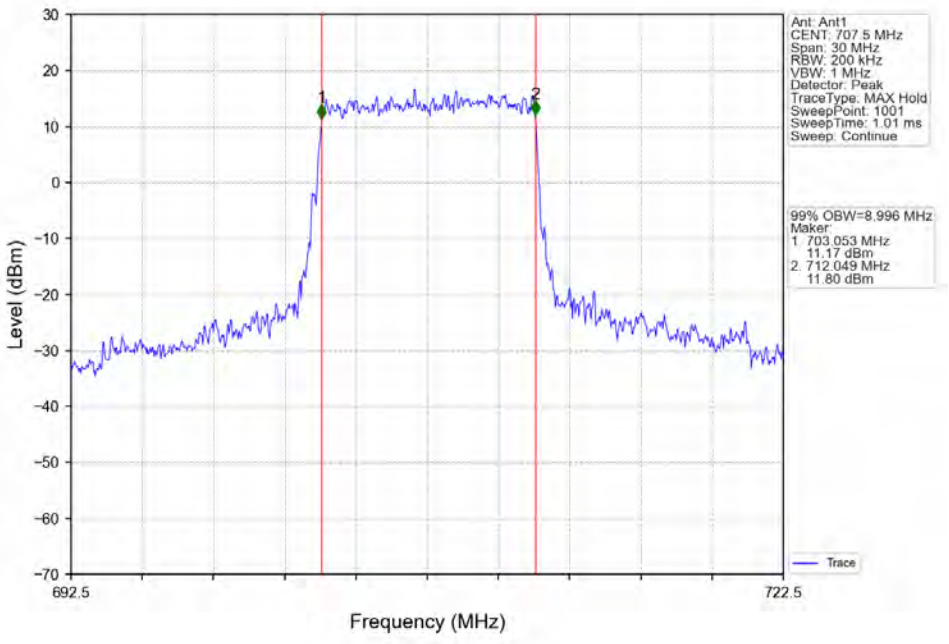
Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



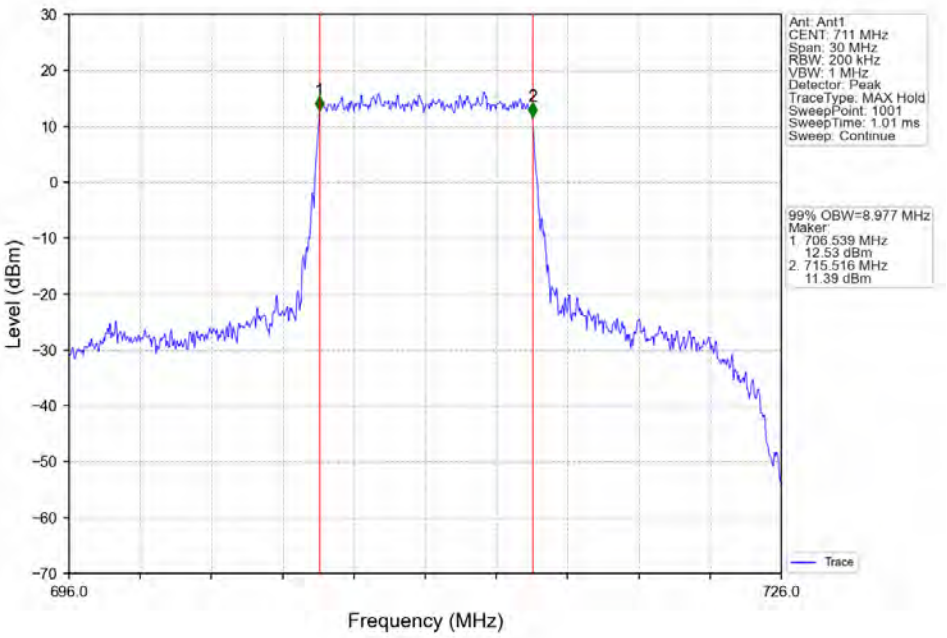
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



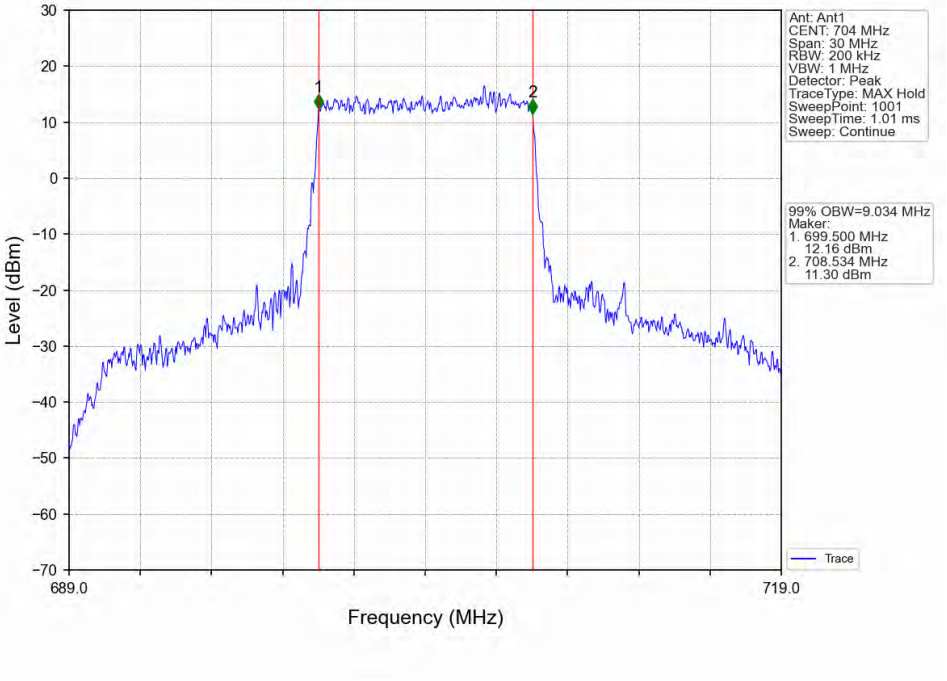
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



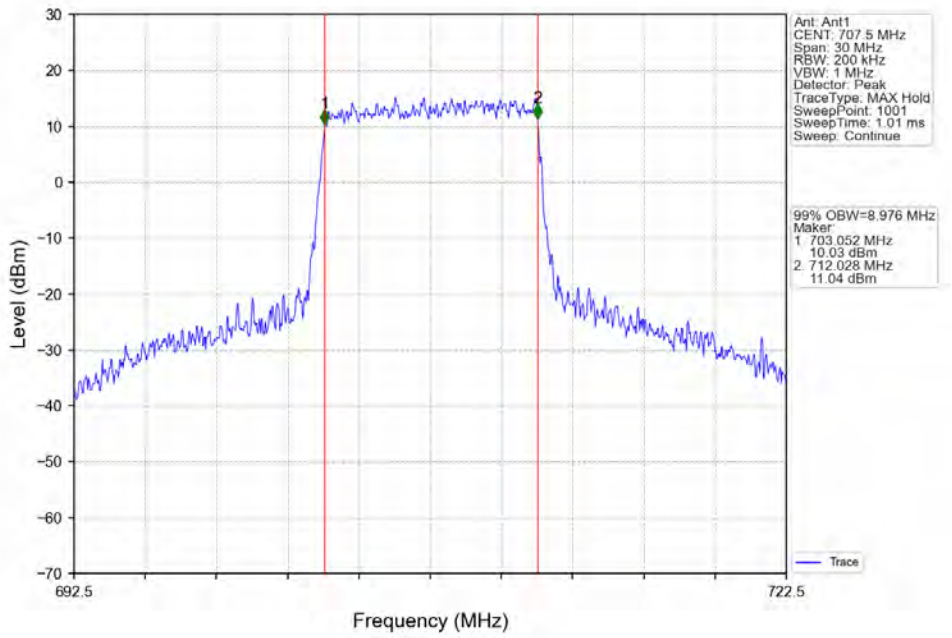
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



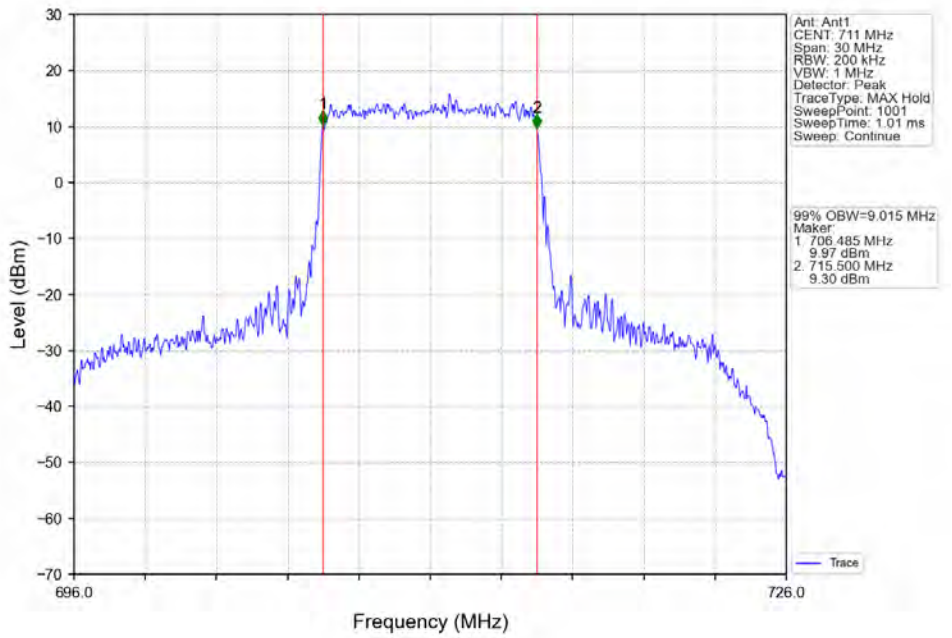
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



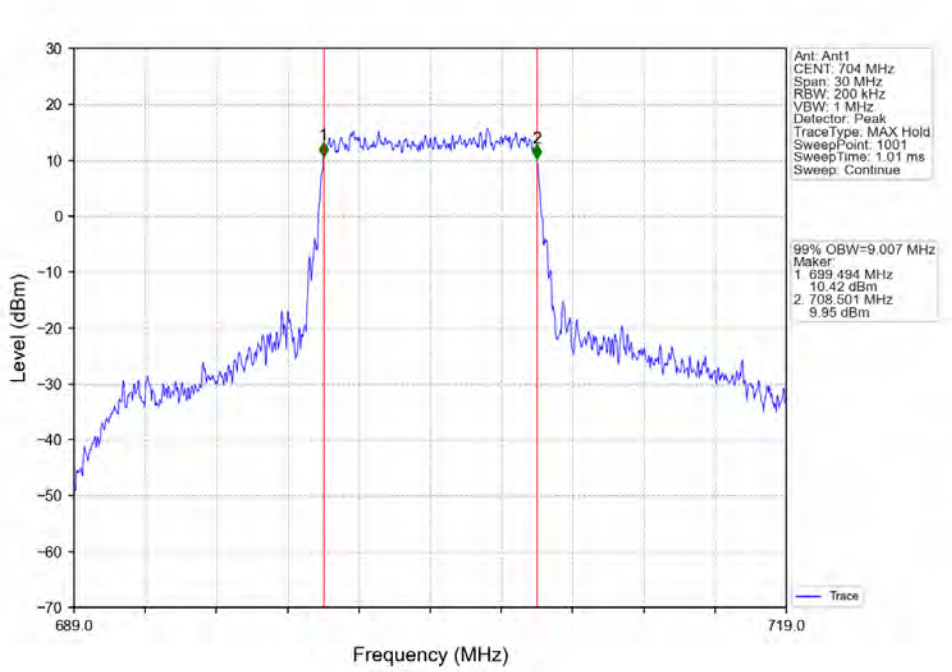
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



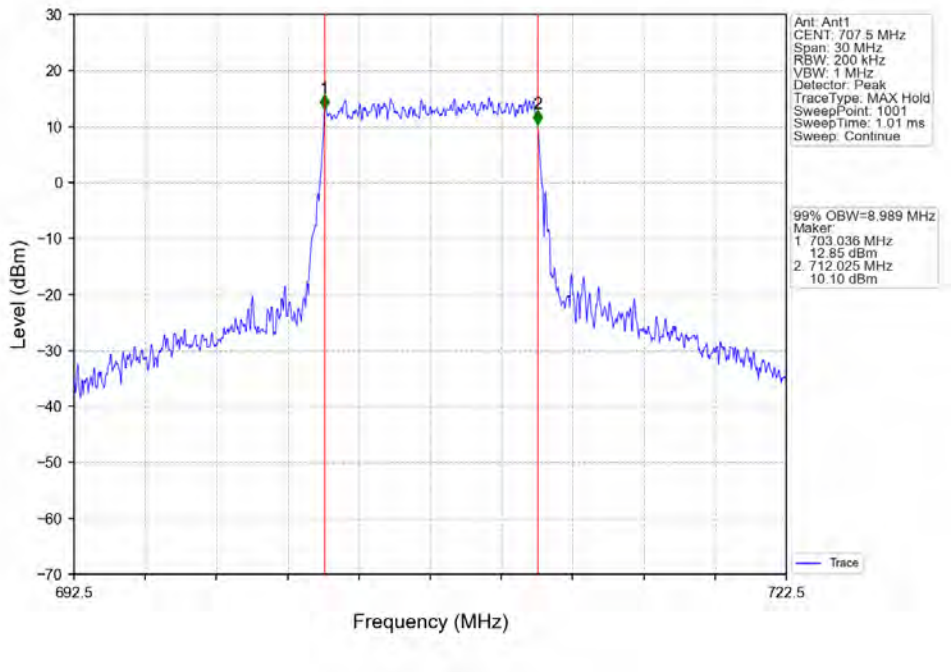
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



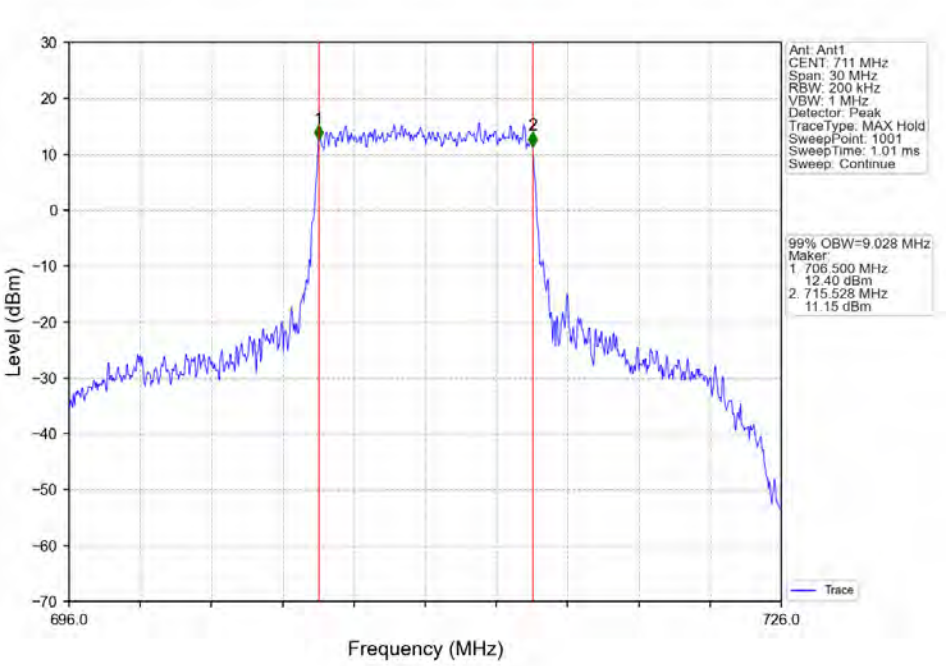
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



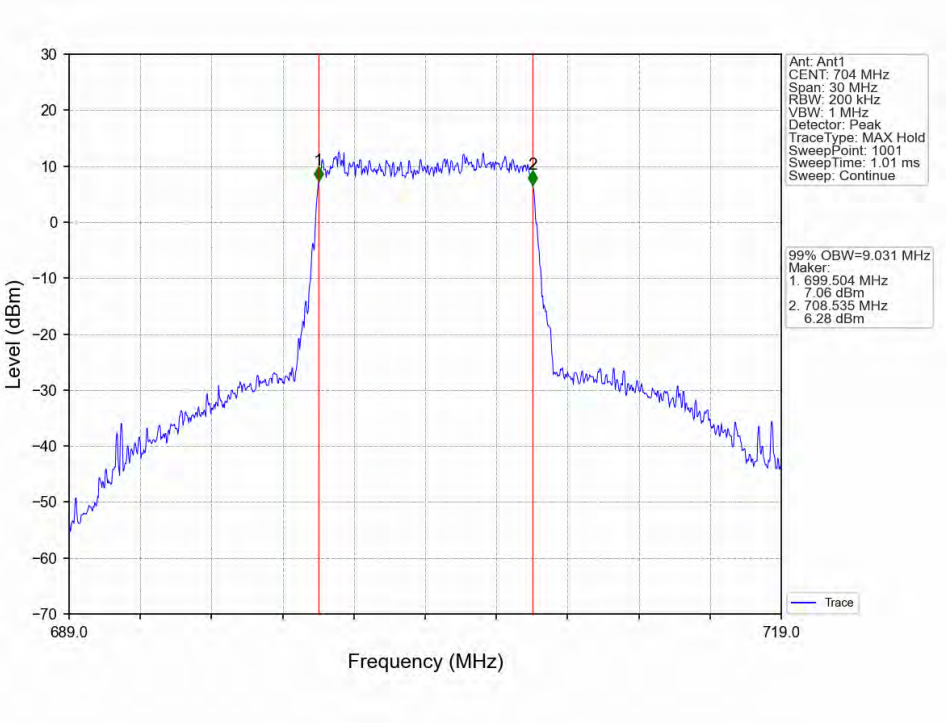
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



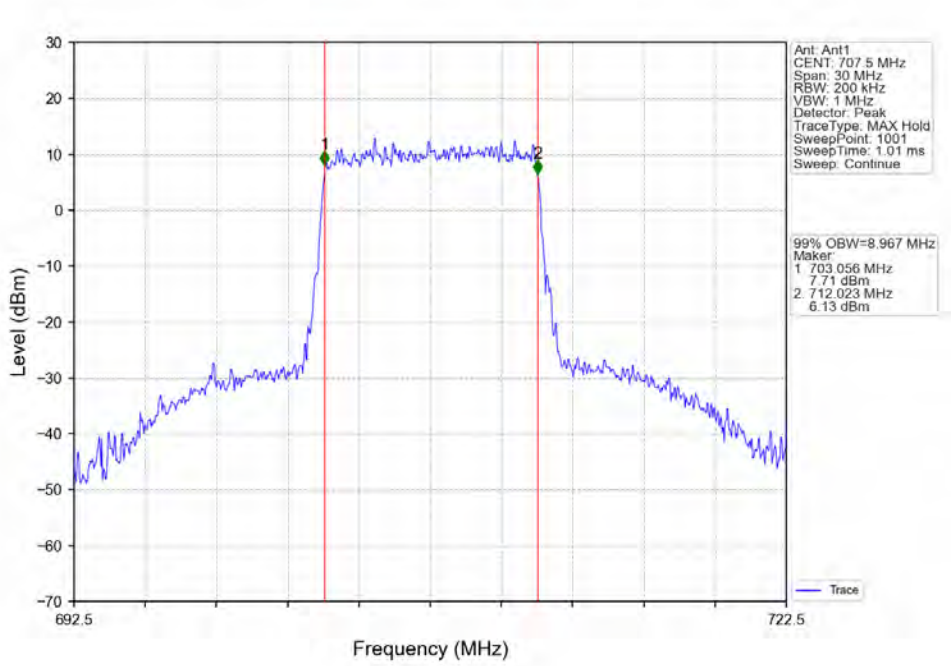
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



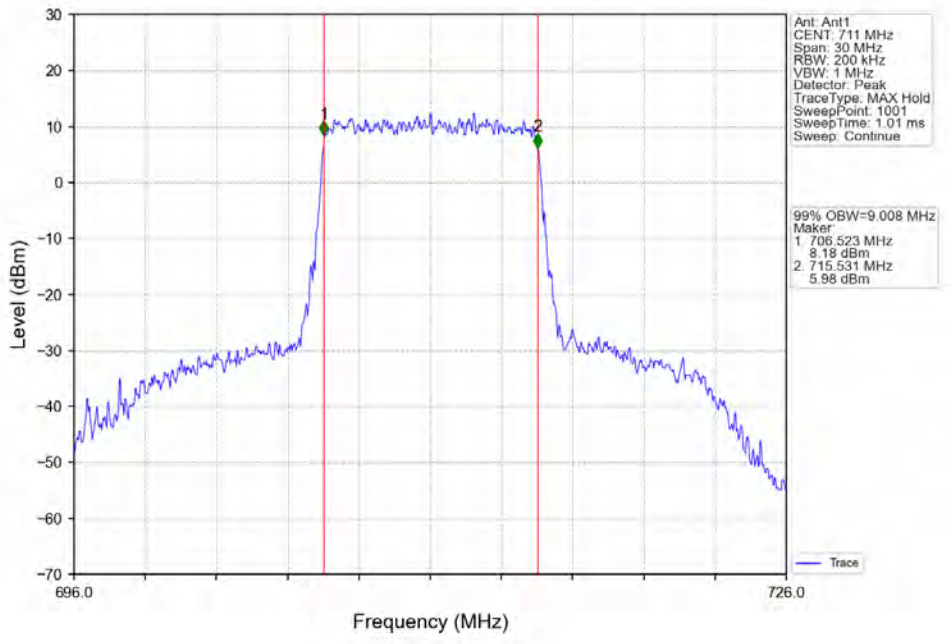
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



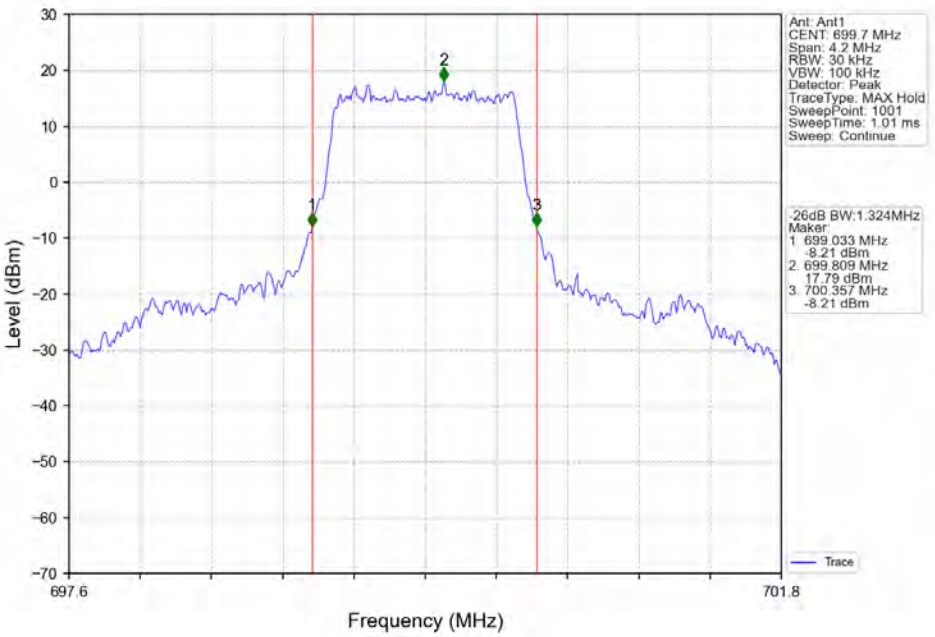
3.2 Band12_XDB

3.2.1 Test Result

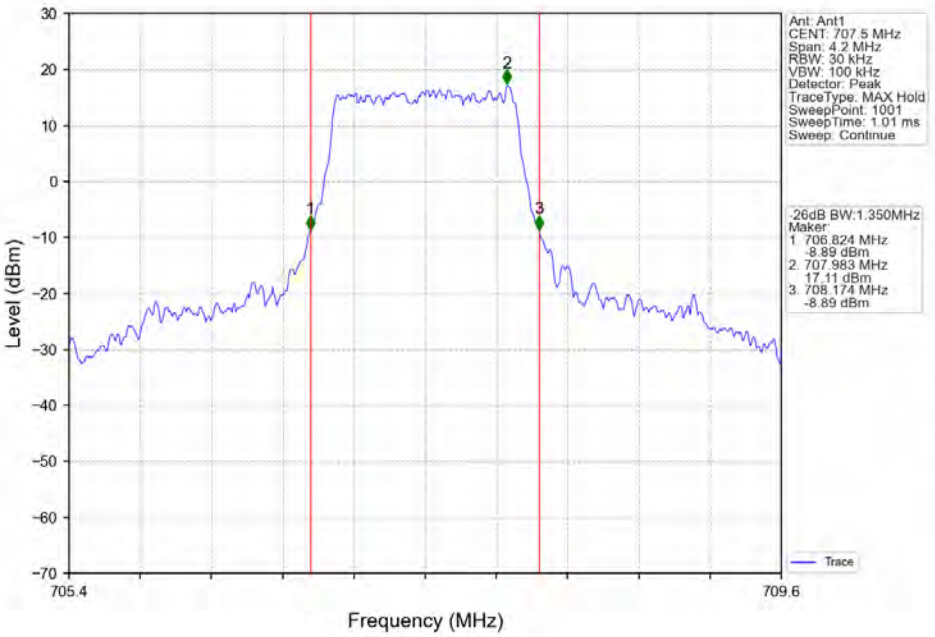
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.324	/	Pass
		707.5	6	0	1.350	/	Pass
		715.3	6	0	1.366	/	Pass
	16QAM	699.7	6	0	1.356	/	Pass
		707.5	6	0	1.345	/	Pass
		715.3	6	0	1.369	/	Pass
	64QAM	699.7	6	0	1.344	/	Pass
		707.5	6	0	1.411	/	Pass
		715.3	6	0	1.360	/	Pass
	256QAM	699.7	6	0	1.352	/	Pass
		707.5	6	0	1.349	/	Pass
		715.3	6	0	1.346	/	Pass
3	QPSK	700.5	15	0	3.136	/	Pass
		707.5	15	0	3.106	/	Pass
		714.5	15	0	3.143	/	Pass
	16QAM	700.5	15	0	3.126	/	Pass
		707.5	15	0	3.098	/	Pass
		714.5	15	0	3.126	/	Pass
	64QAM	700.5	15	0	3.116	/	Pass
		707.5	15	0	3.102	/	Pass
		714.5	15	0	3.099	/	Pass
	256QAM	700.5	15	0	3.126	/	Pass
		707.5	15	0	3.148	/	Pass
		714.5	15	0	3.123	/	Pass
5	QPSK	701.5	25	0	5.152	/	Pass
		707.5	25	0	5.169	/	Pass
		713.5	25	0	5.115	/	Pass
	16QAM	701.5	25	0	5.068	/	Pass
		707.5	25	0	5.083	/	Pass
		713.5	25	0	5.092	/	Pass
	64QAM	701.5	25	0	5.035	/	Pass
		707.5	25	0	5.158	/	Pass
		713.5	25	0	4.984	/	Pass
	256QAM	701.5	25	0	5.080	/	Pass
		707.5	25	0	5.136	/	Pass
		713.5	25	0	5.019	/	Pass
10	QPSK	704	50	0	9.981	/	Pass
		707.5	50	0	9.888	/	Pass
		711	50	0	9.945	/	Pass
	16QAM	704	50	0	9.925	/	Pass
		707.5	50	0	9.899	/	Pass
		711	50	0	9.840	/	Pass
	64QAM	704	50	0	10.229	/	Pass
		707.5	50	0	10.049	/	Pass
		711	50	0	9.903	/	Pass
	256QAM	704	50	0	9.858	/	Pass
		707.5	50	0	9.866	/	Pass
		711	50	0	9.787	/	Pass

3.2.2 Test Graph

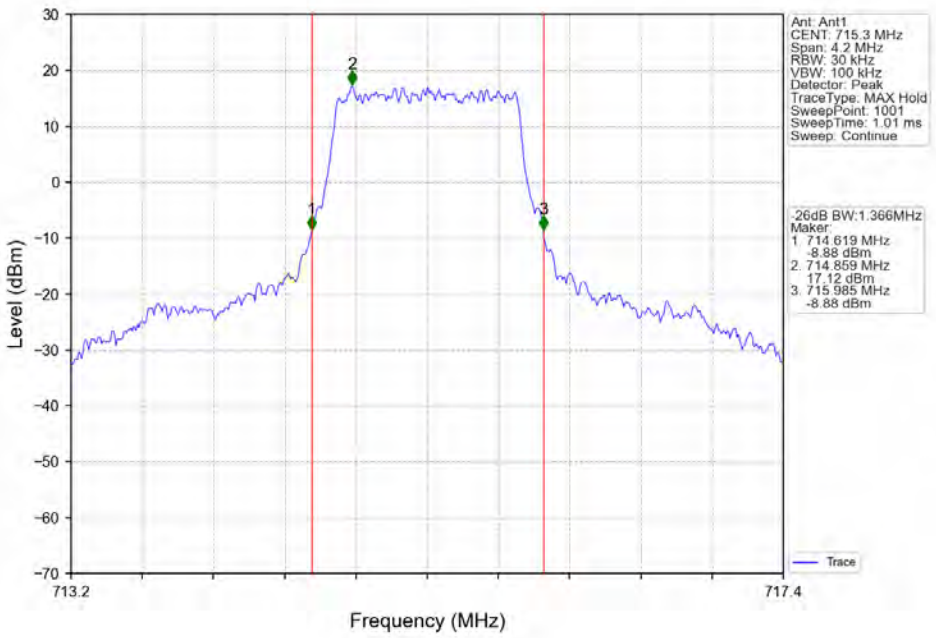
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



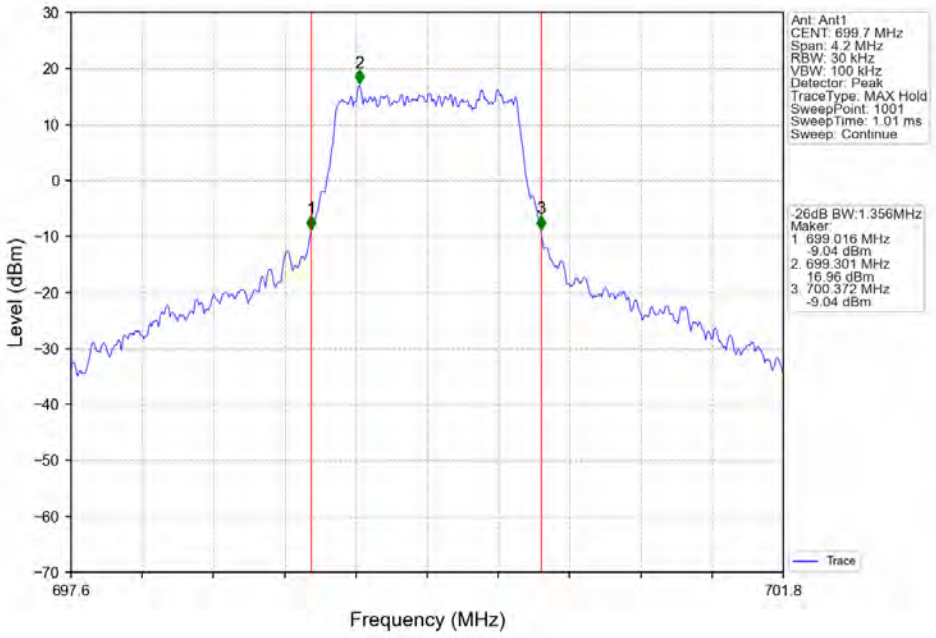
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



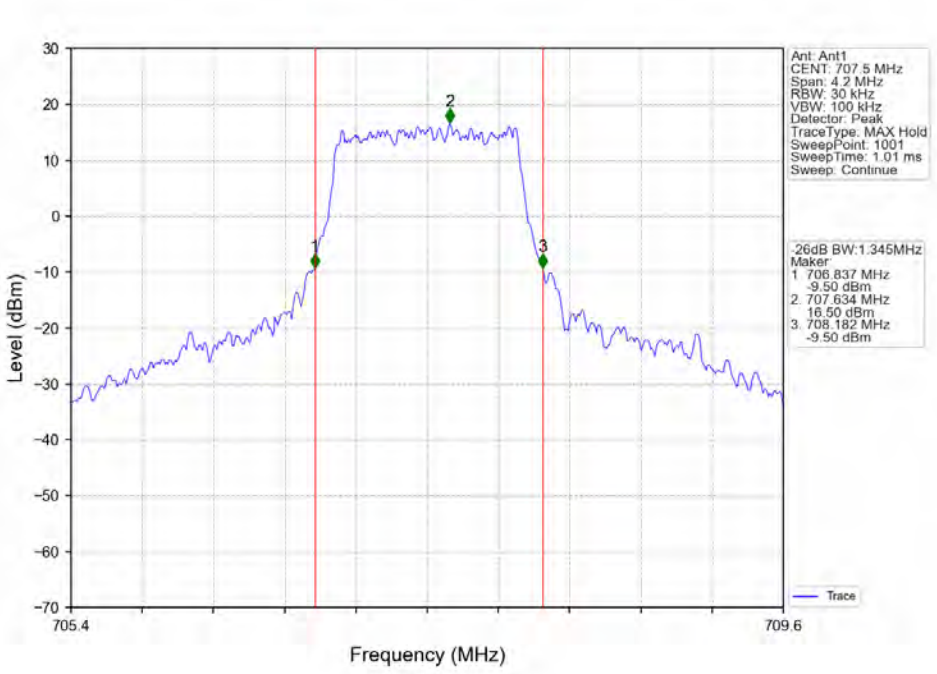
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



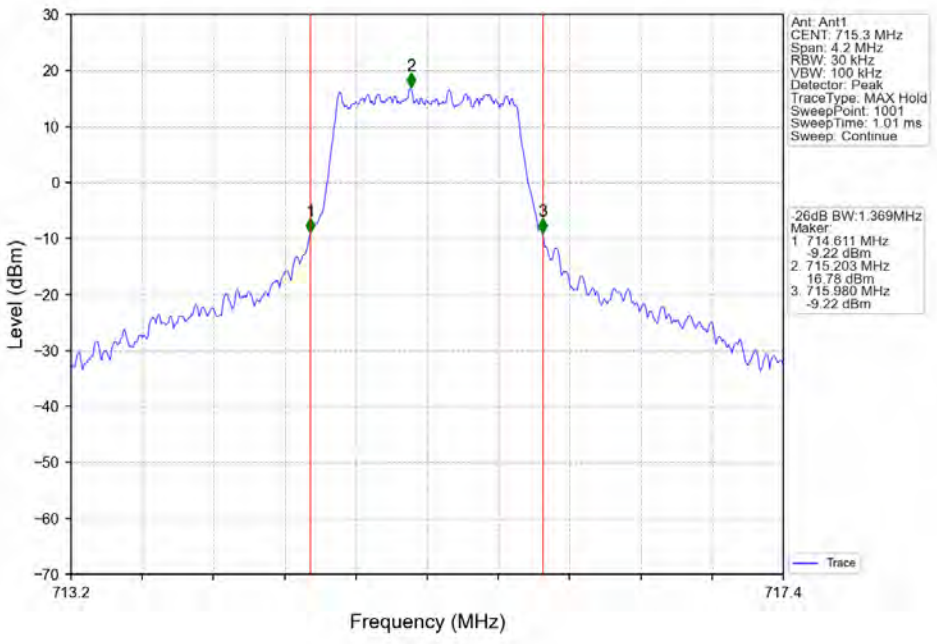
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



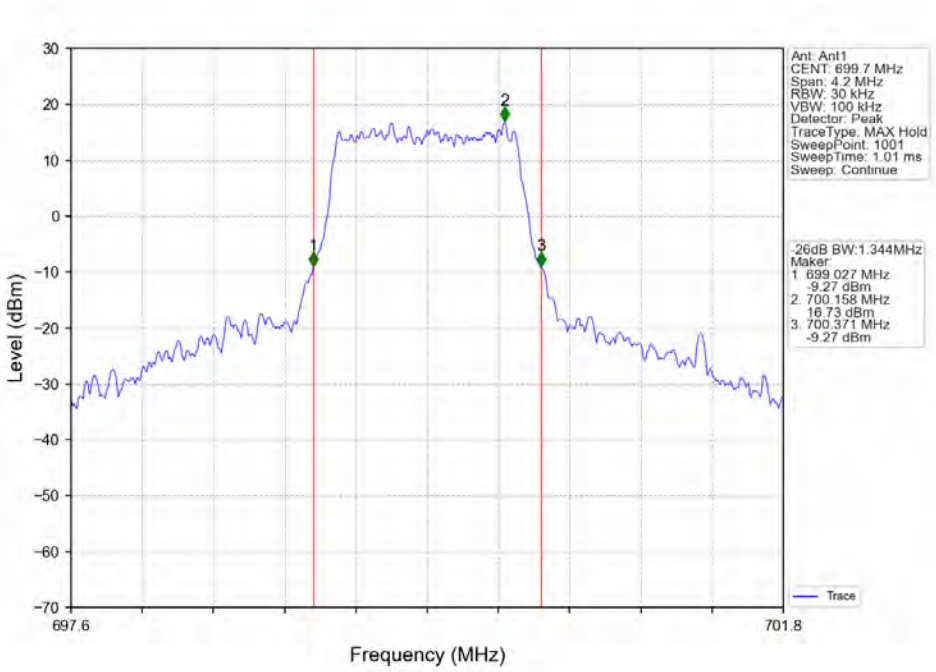
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



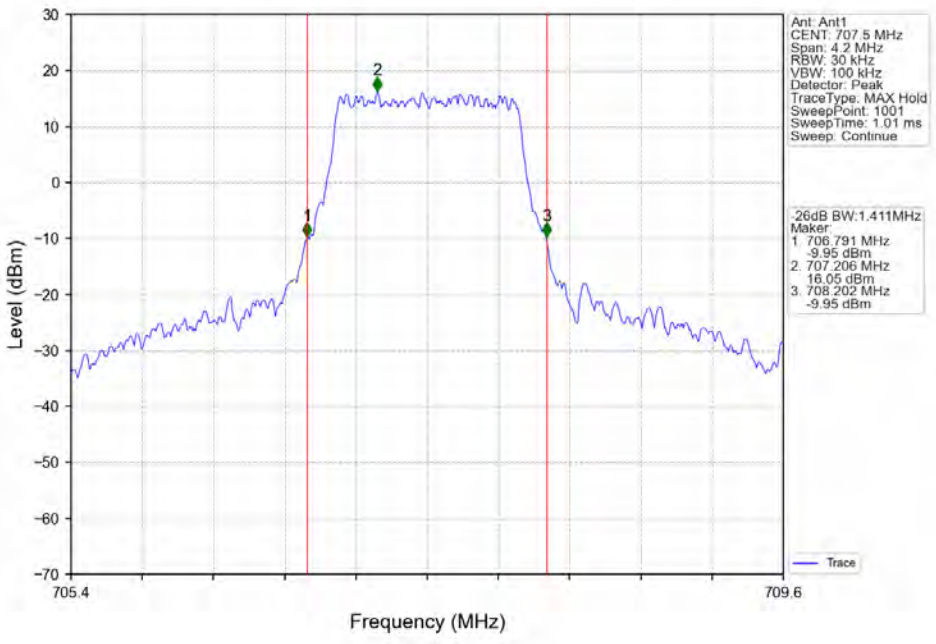
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



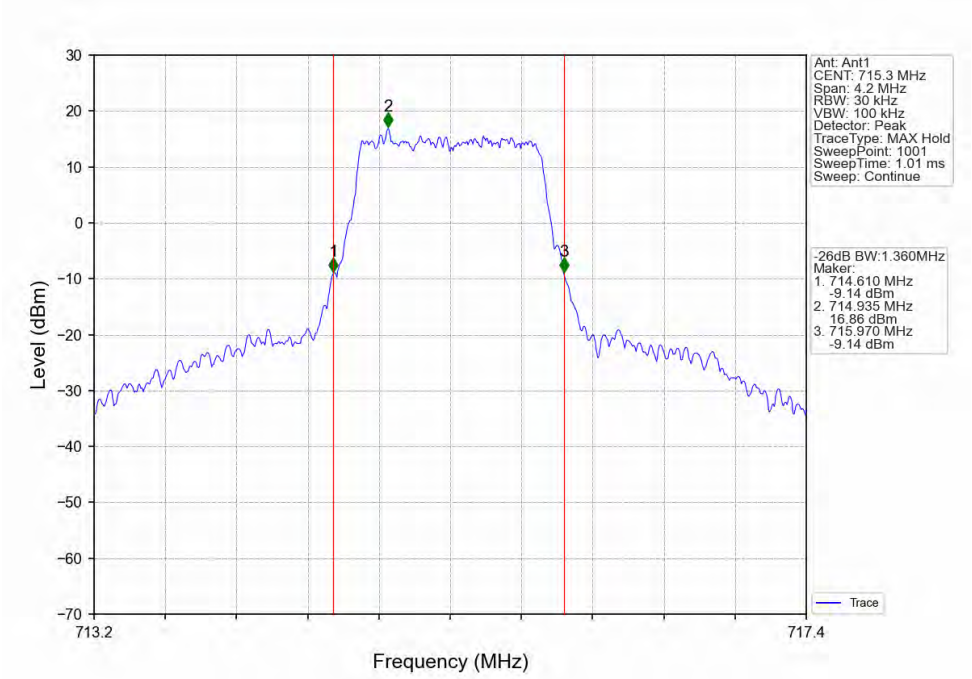
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



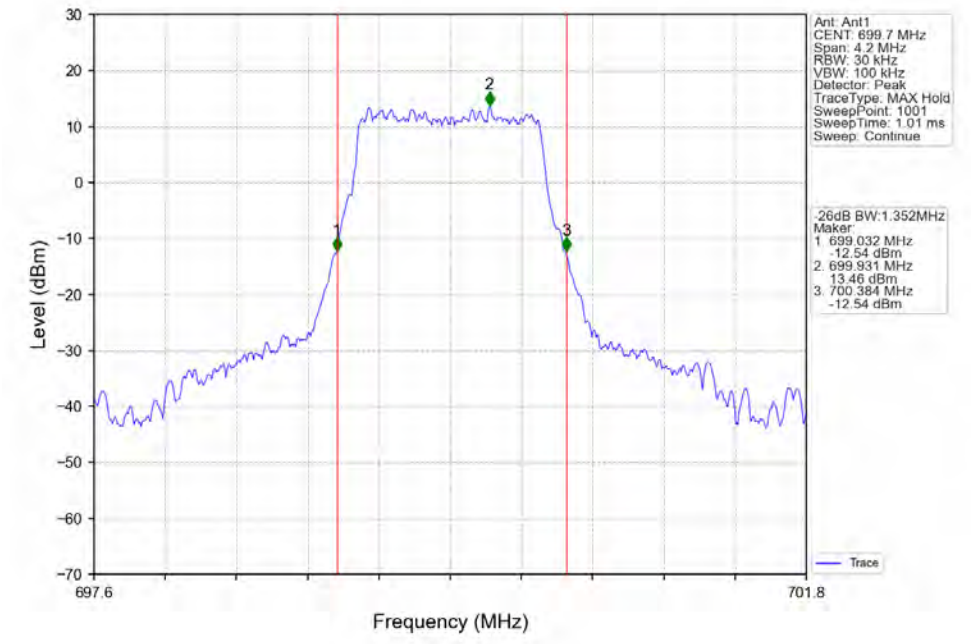
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



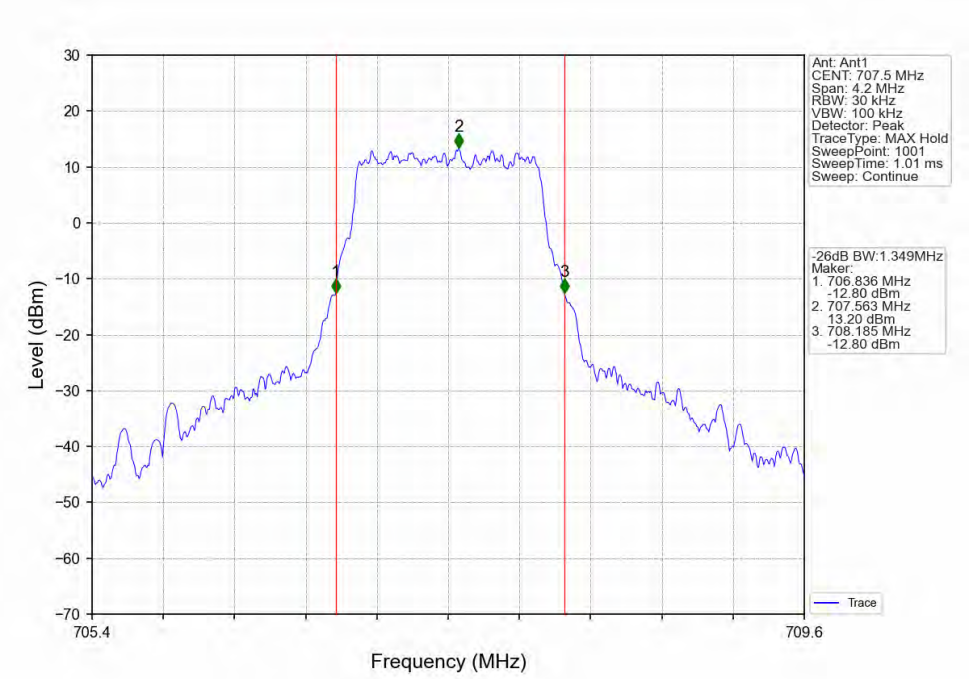
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



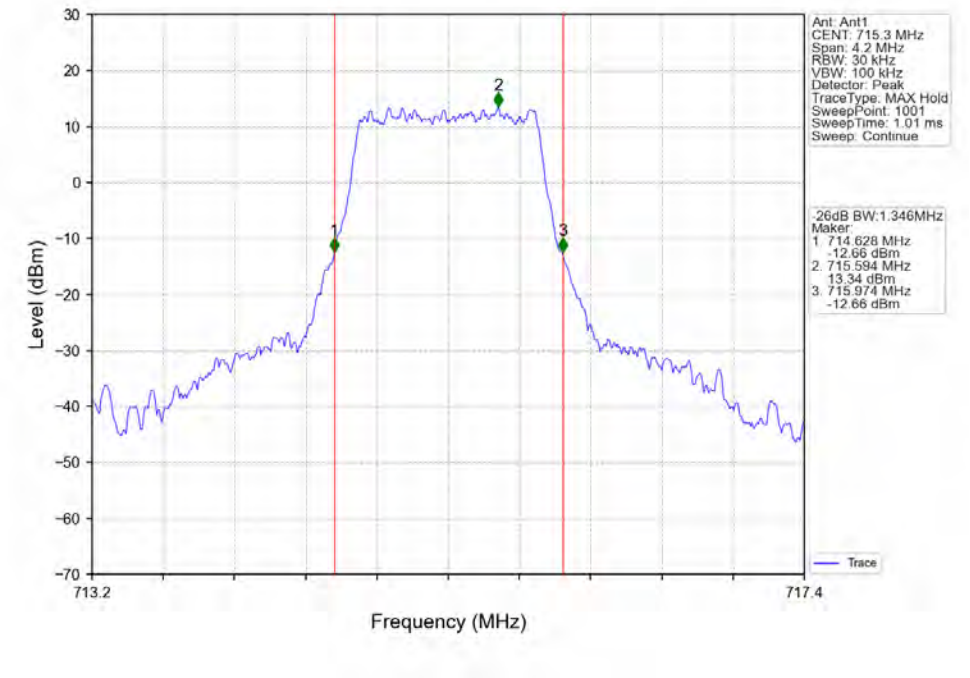
Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV



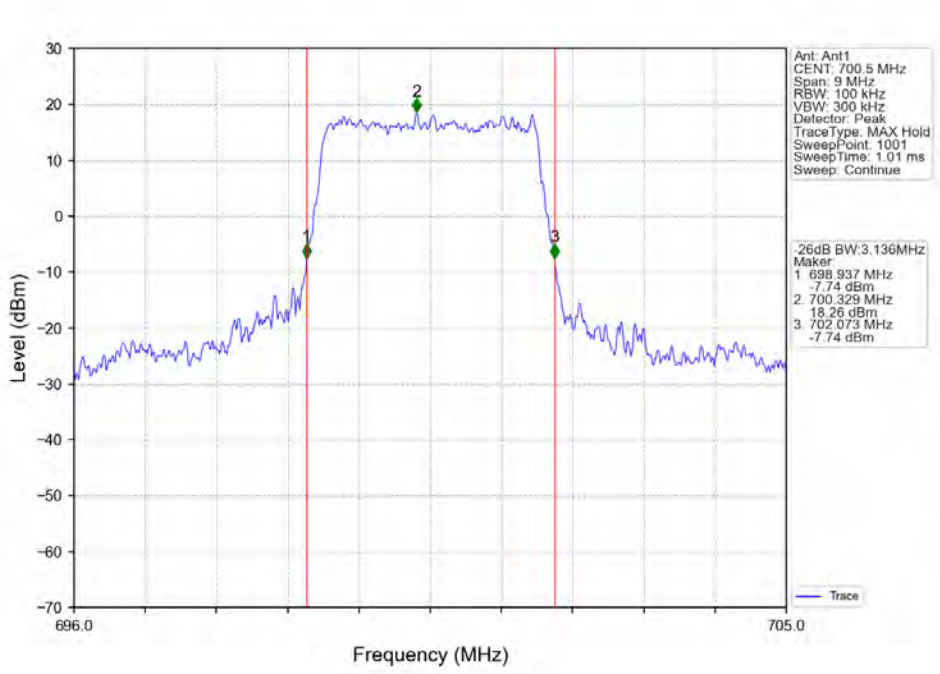
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



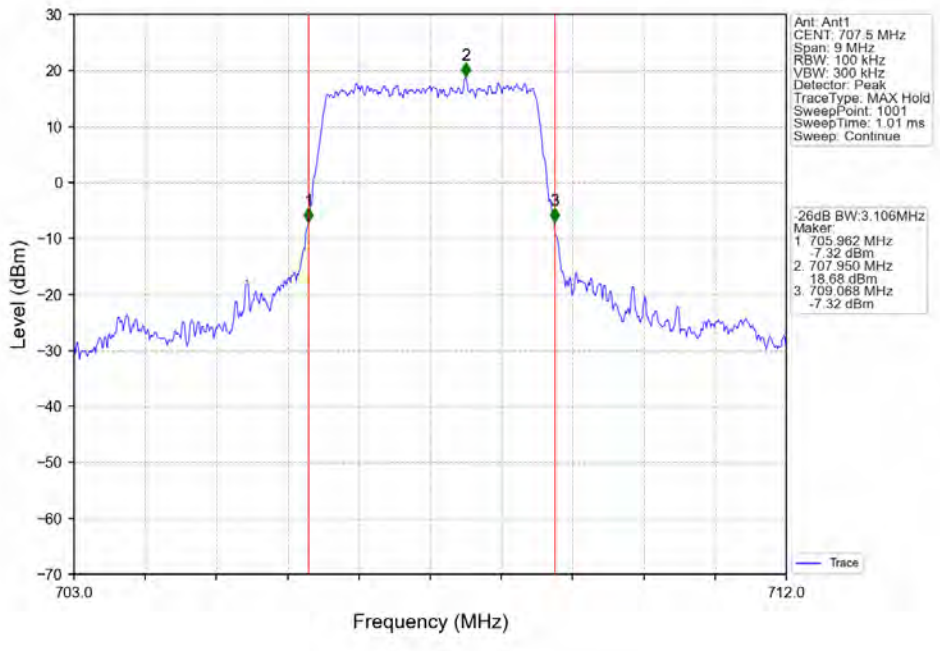
Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV

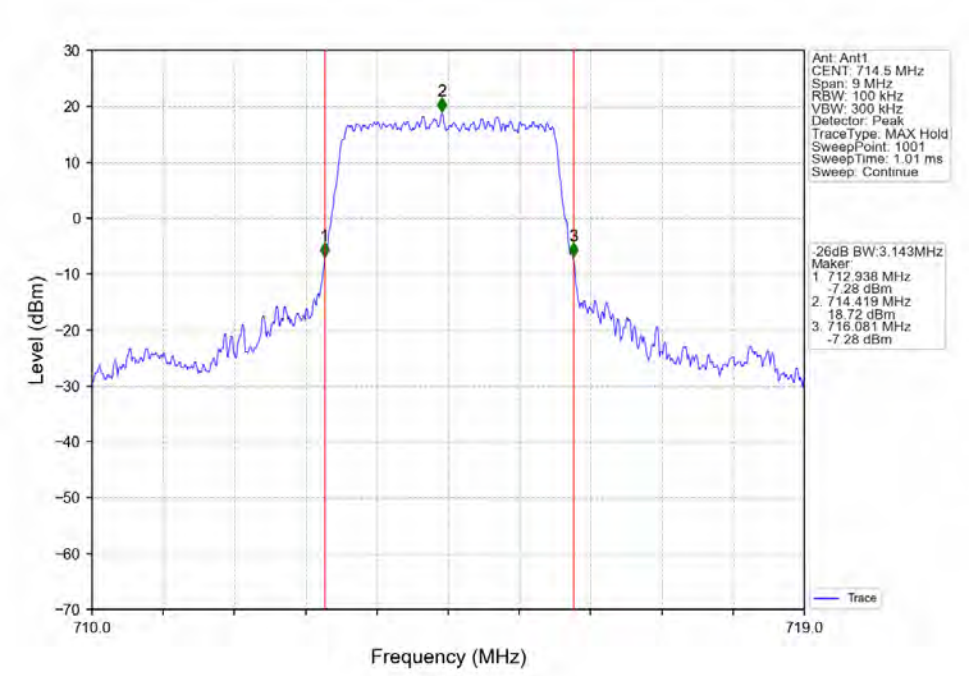
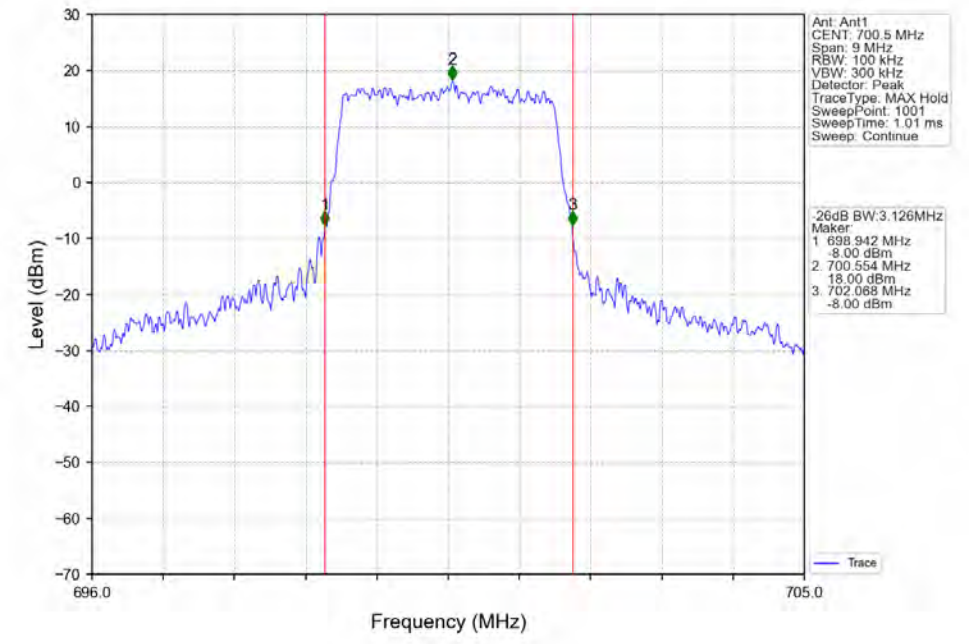


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

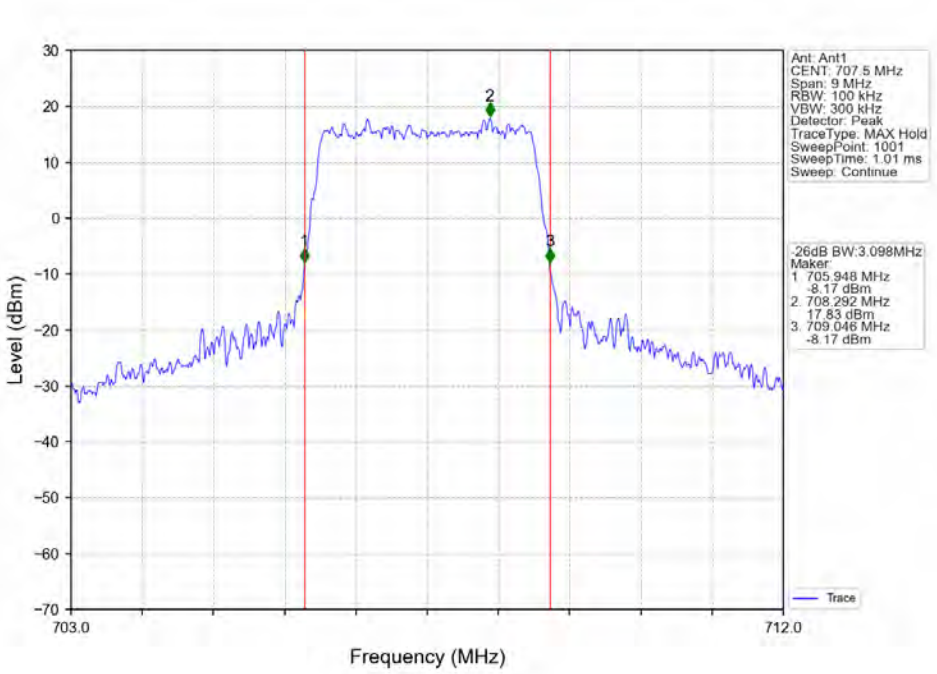


Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

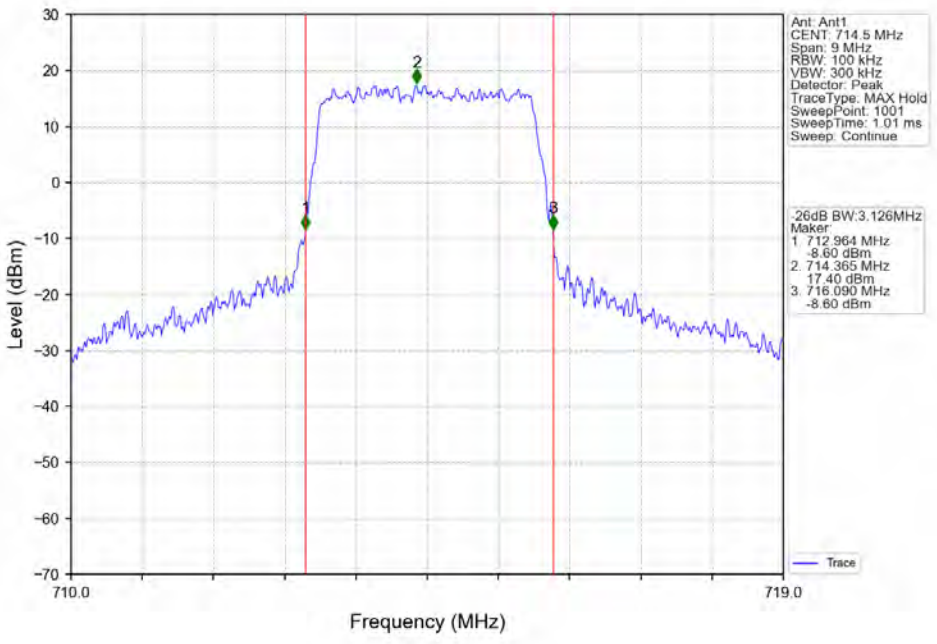


Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV

Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV


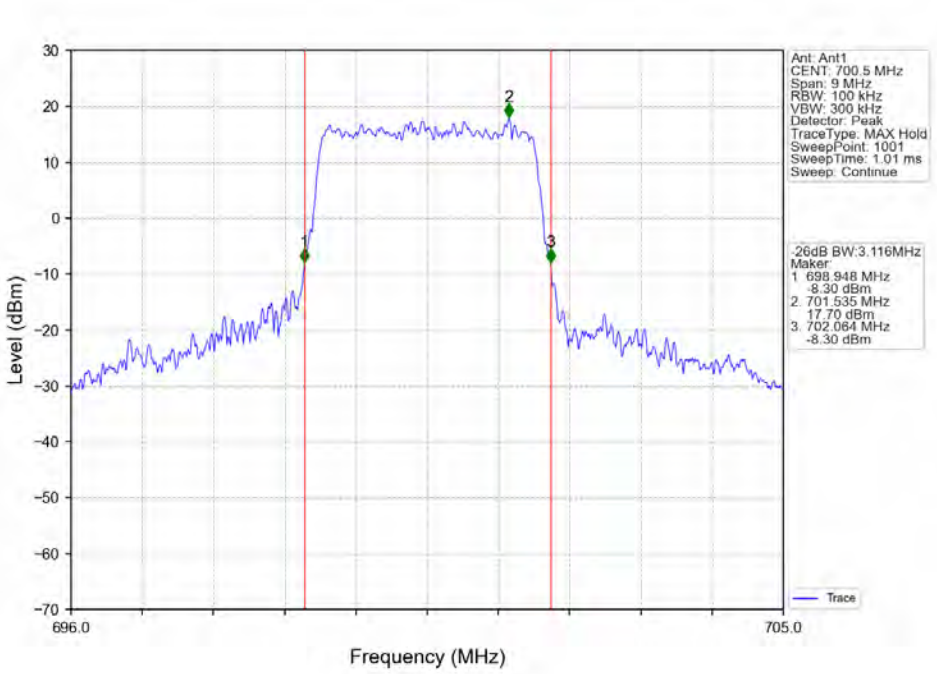
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



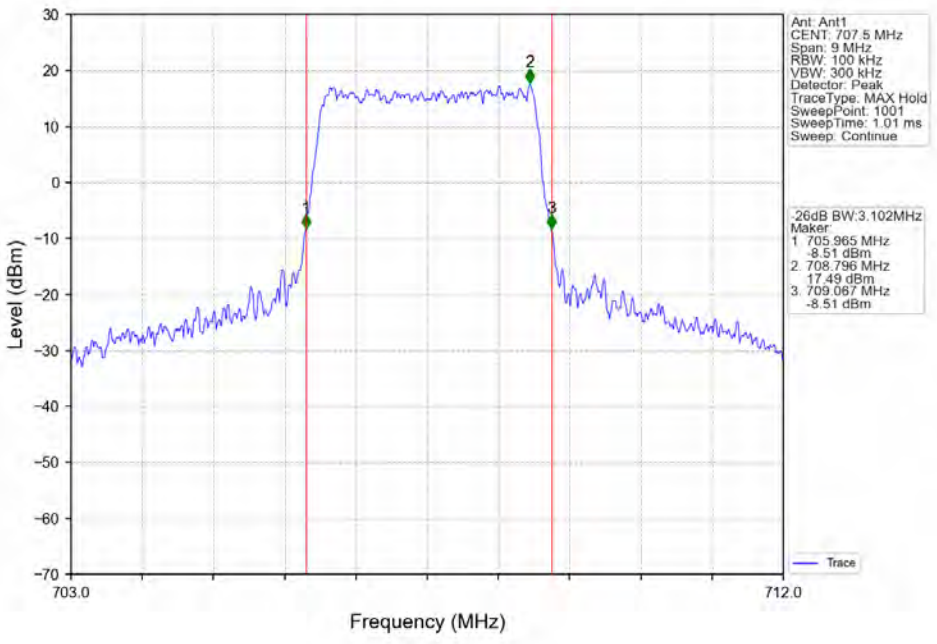
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



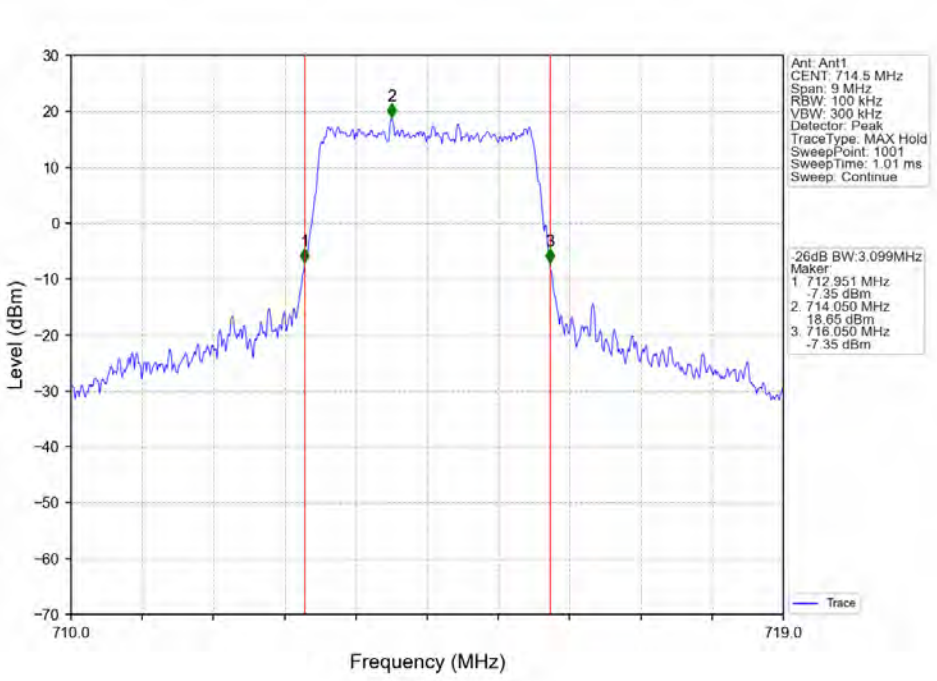
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



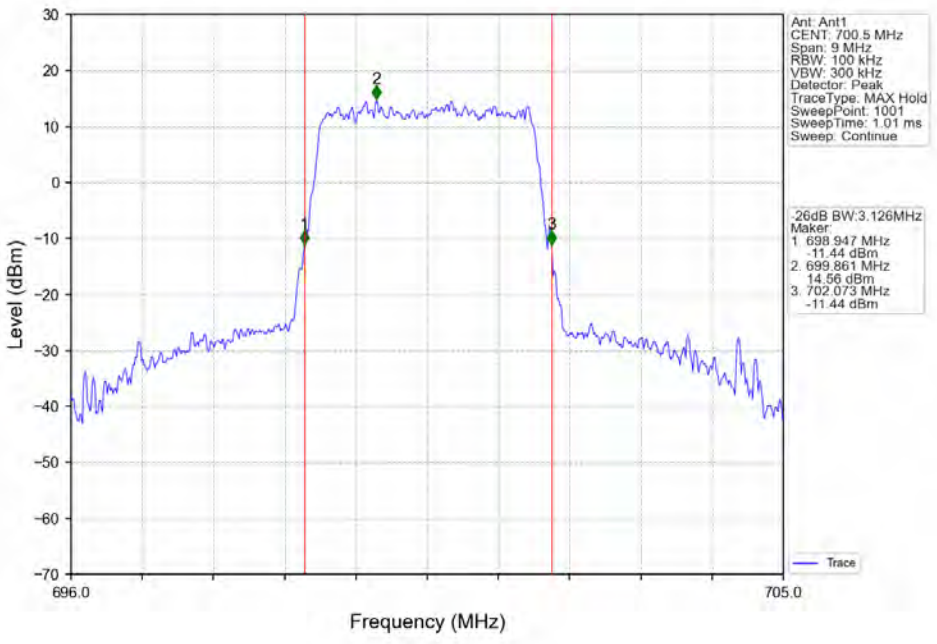
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



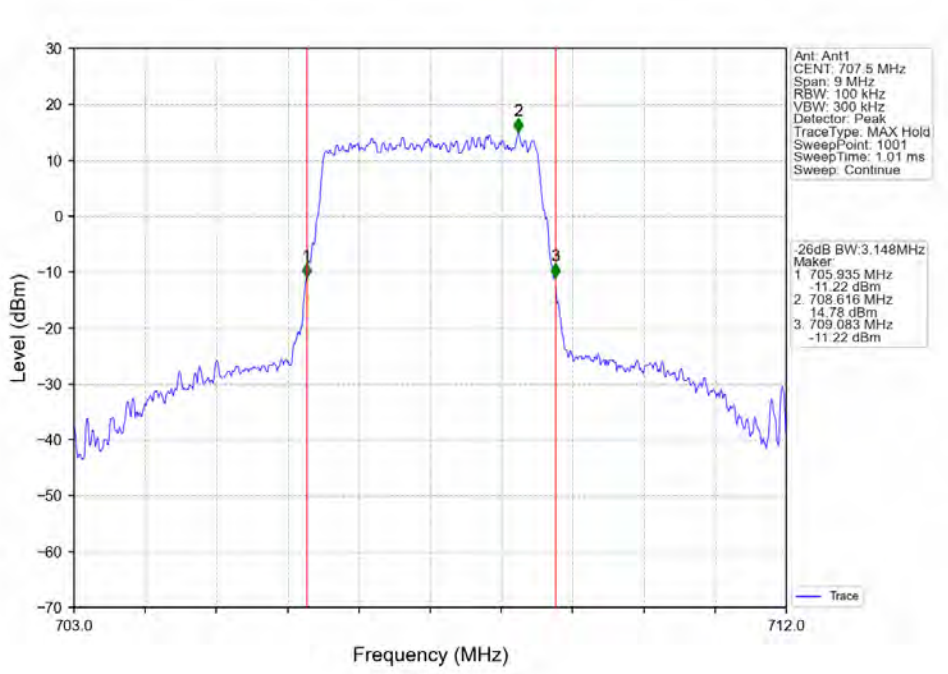
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



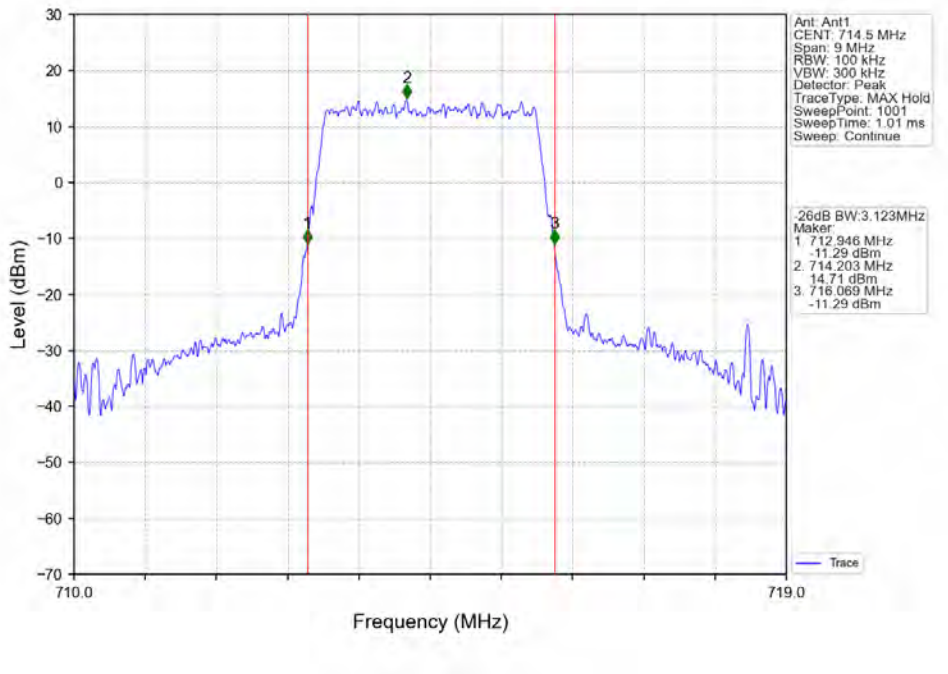
Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



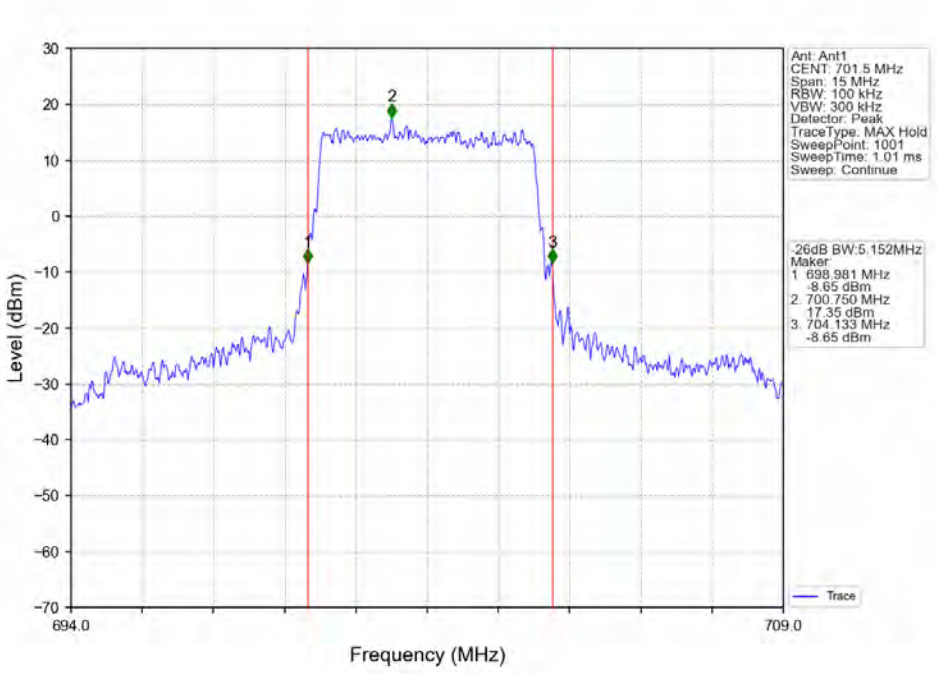
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



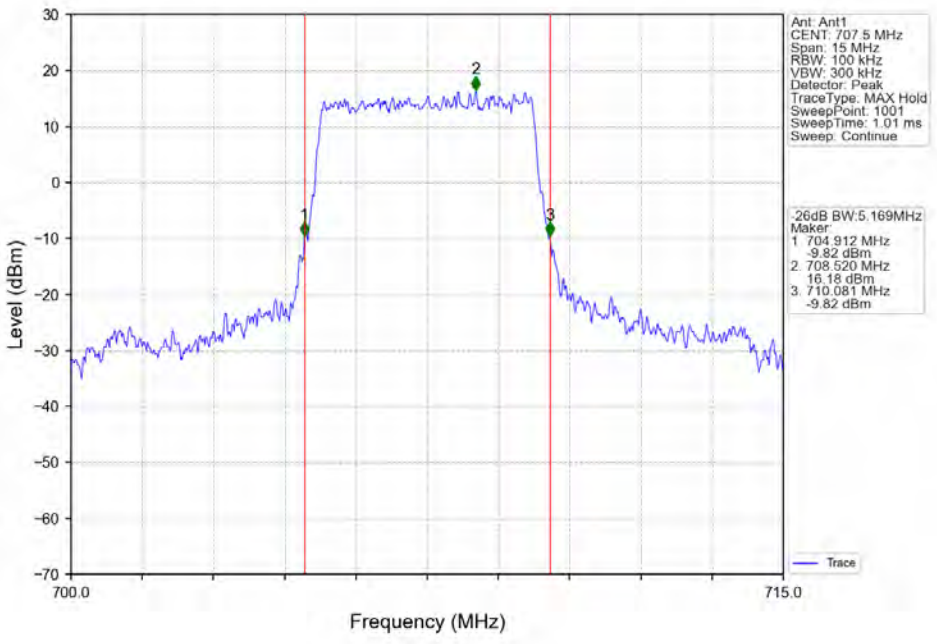
Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV

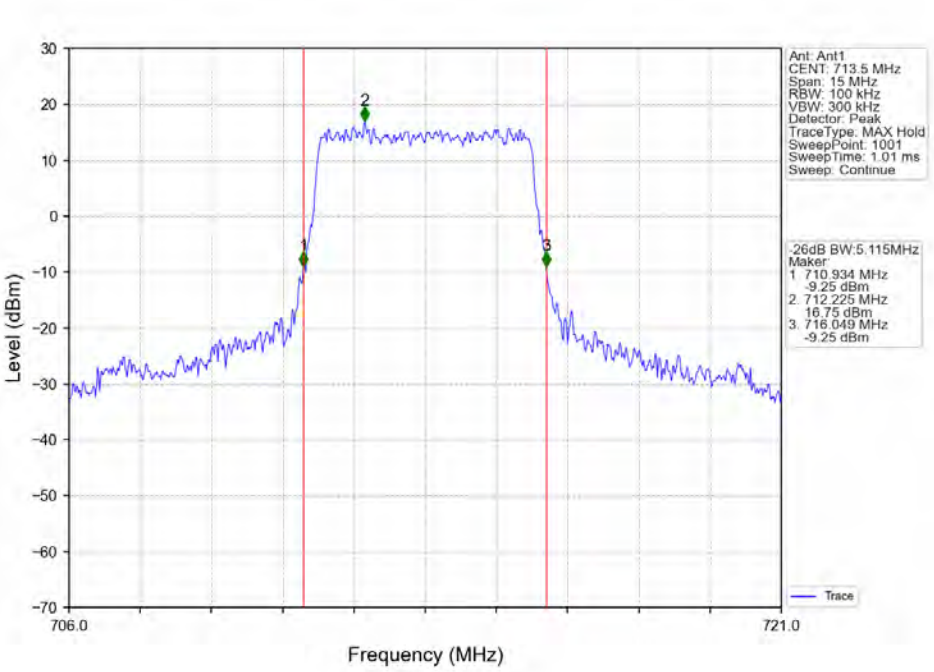
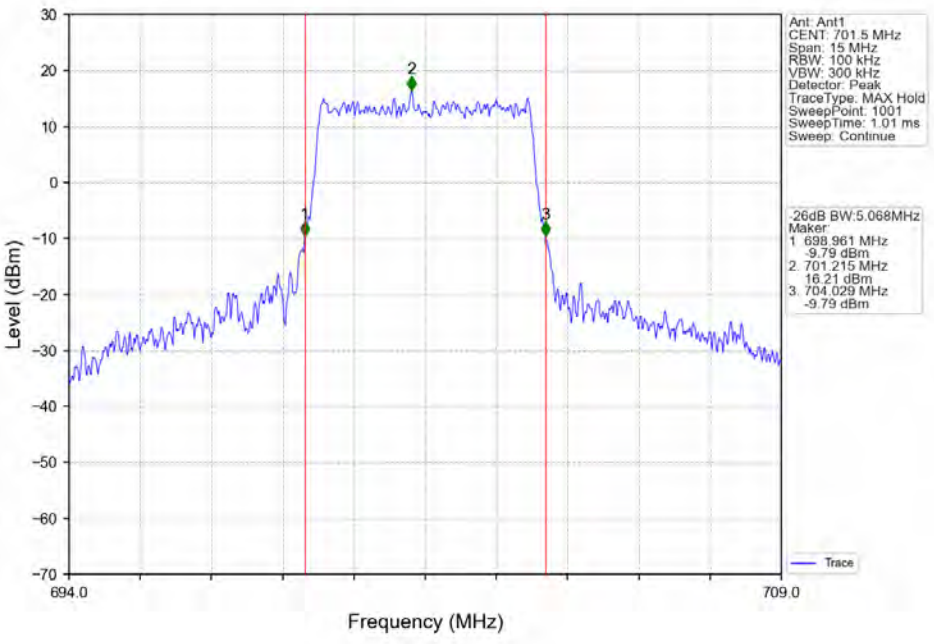


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

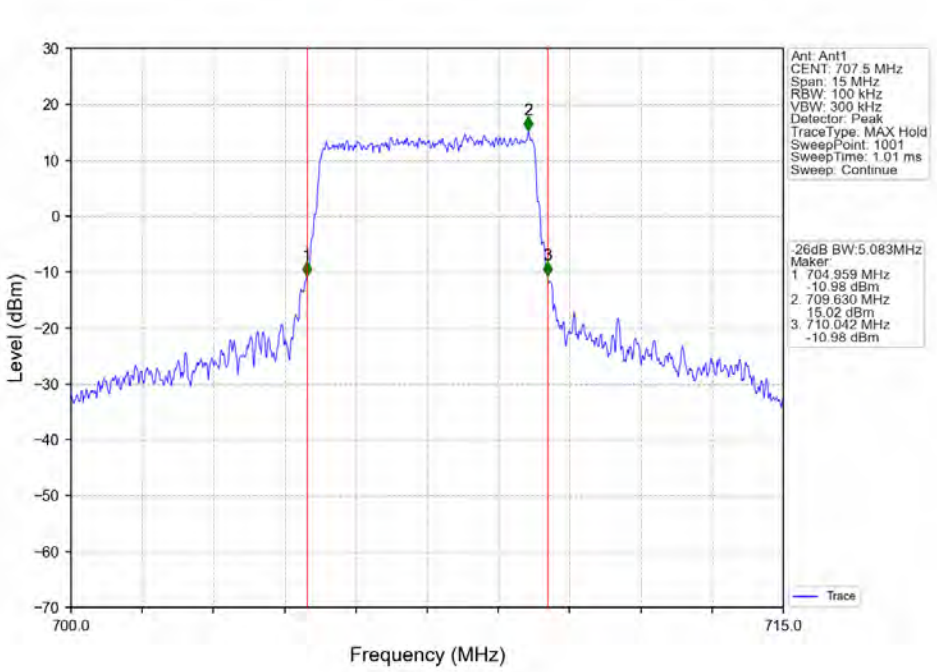


Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

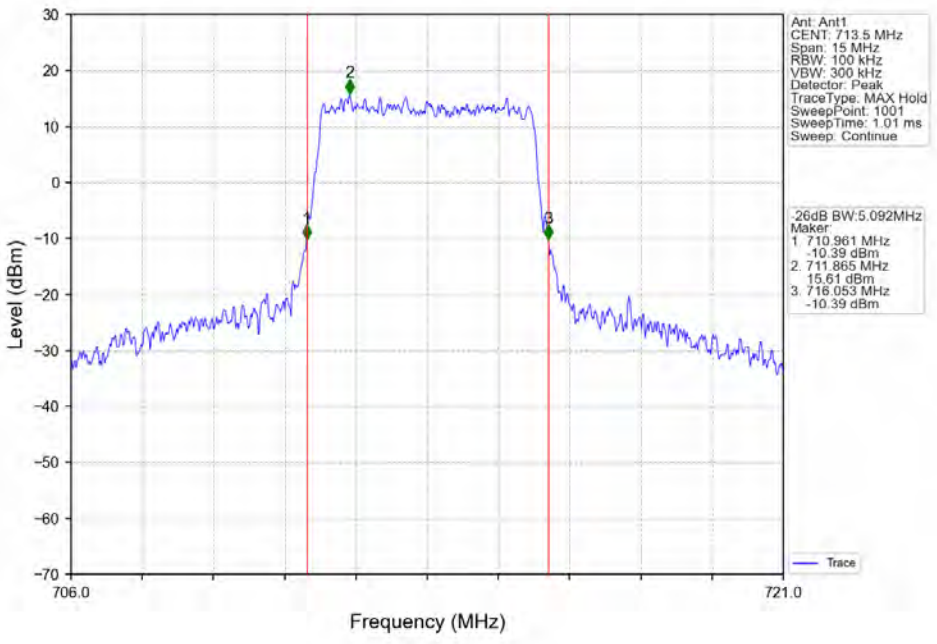


Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV


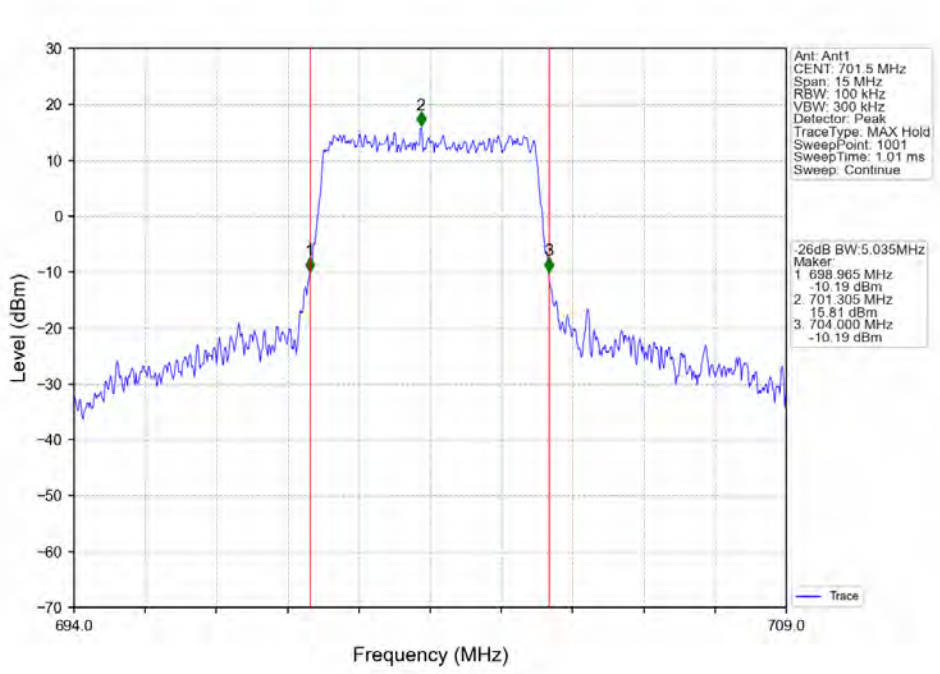
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



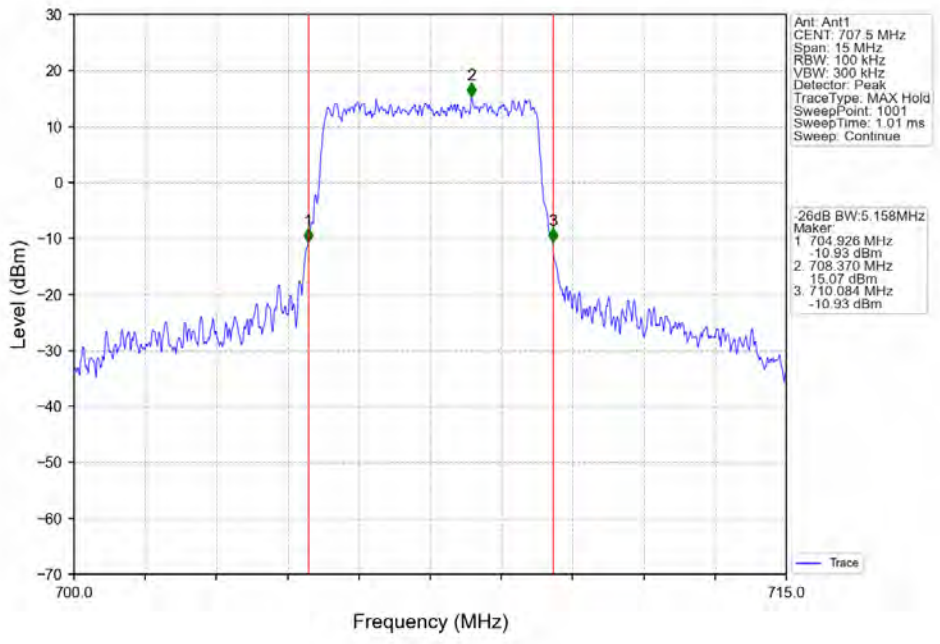
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



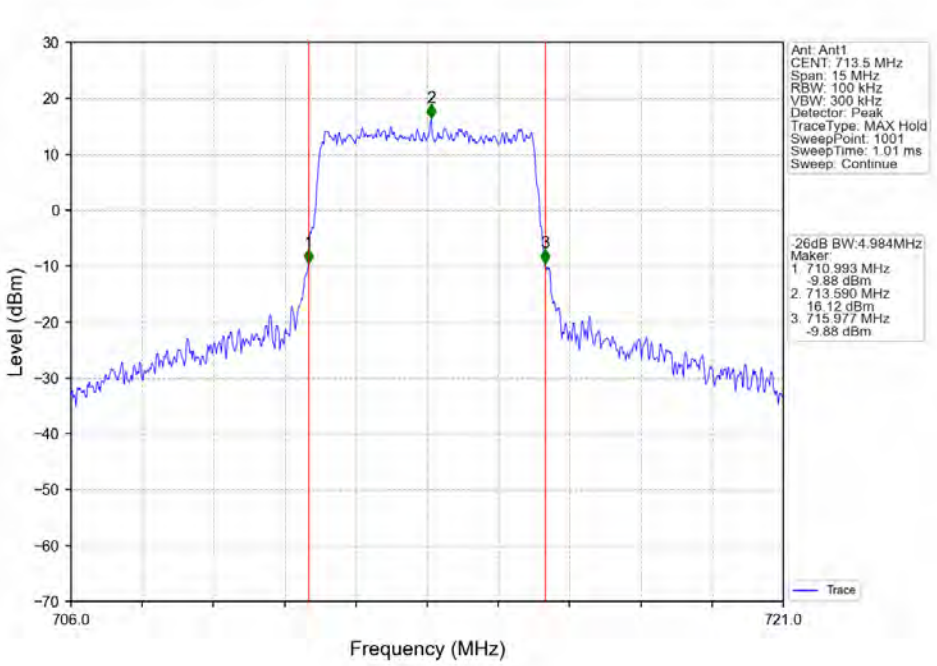
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



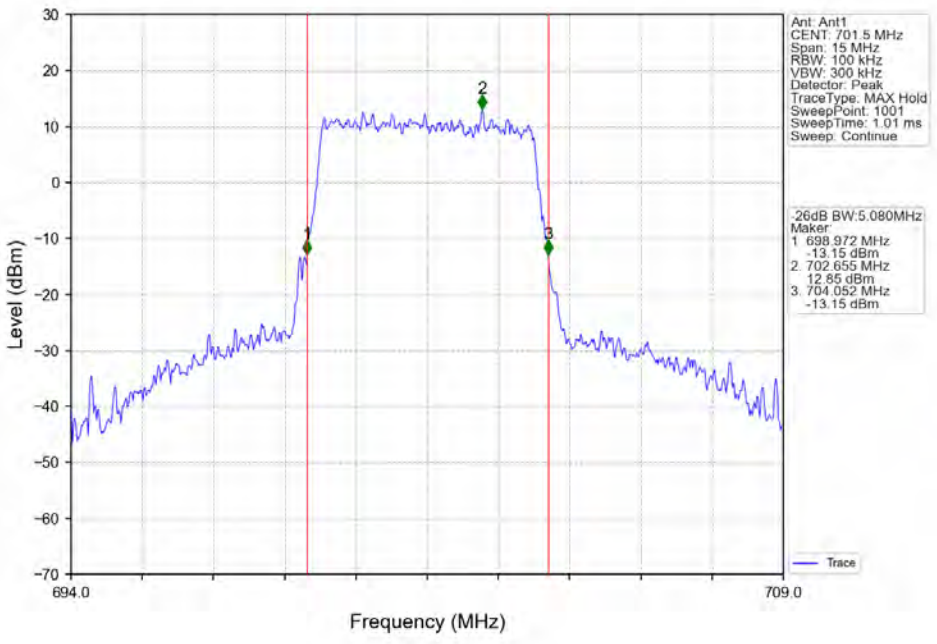
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



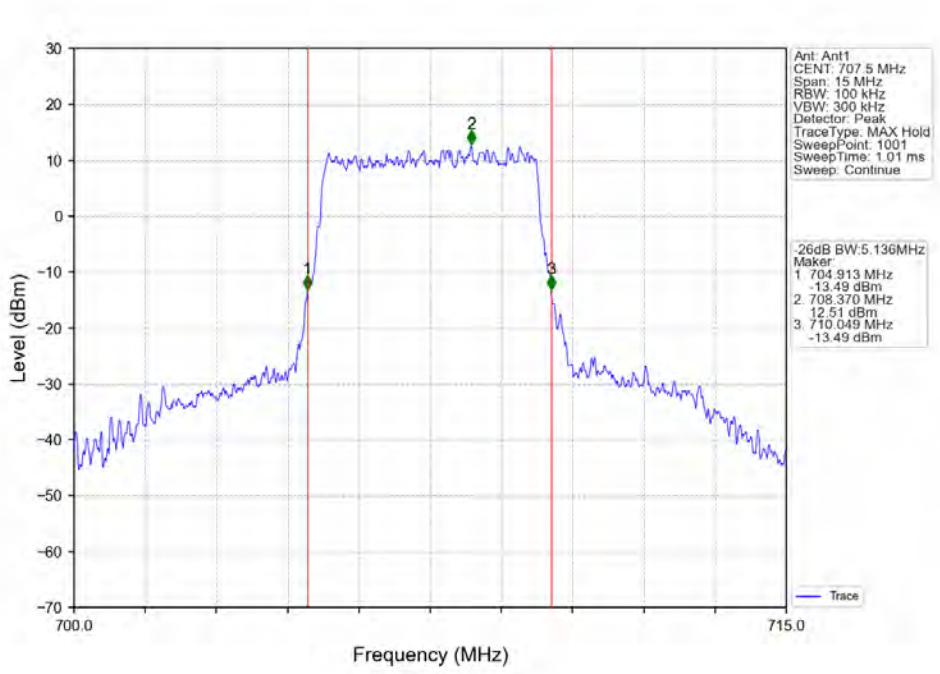
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



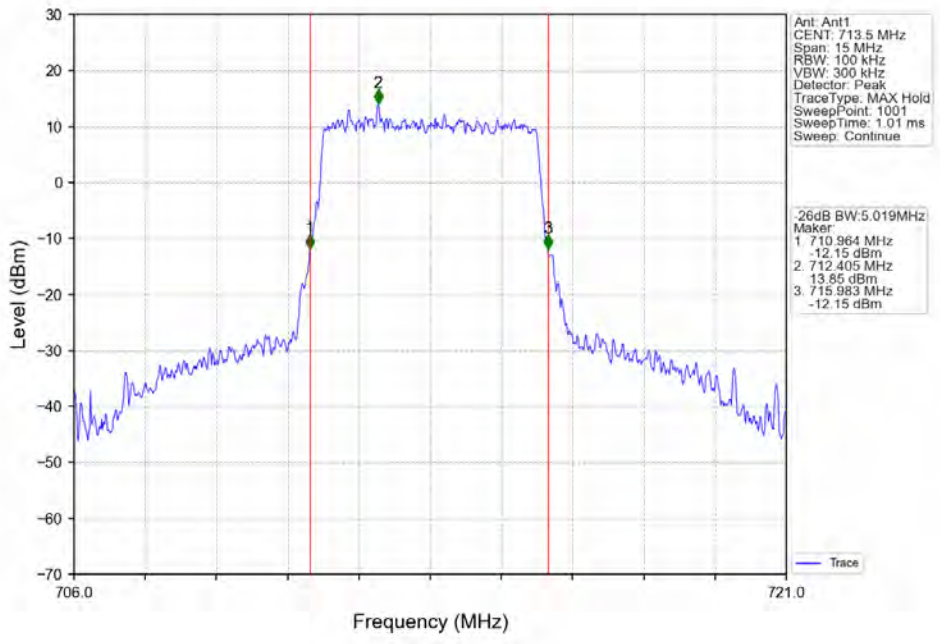
Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



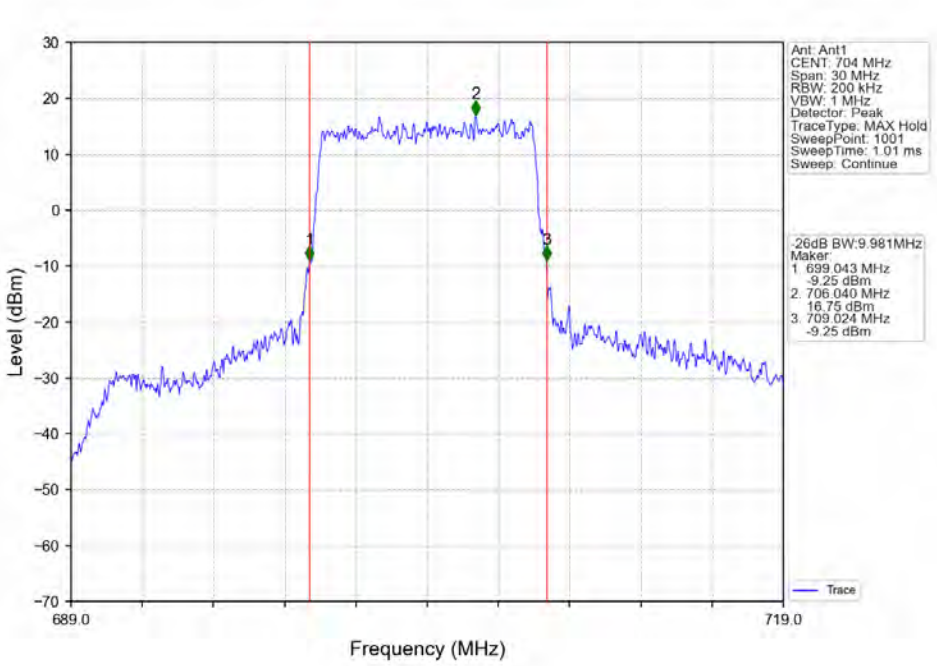
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



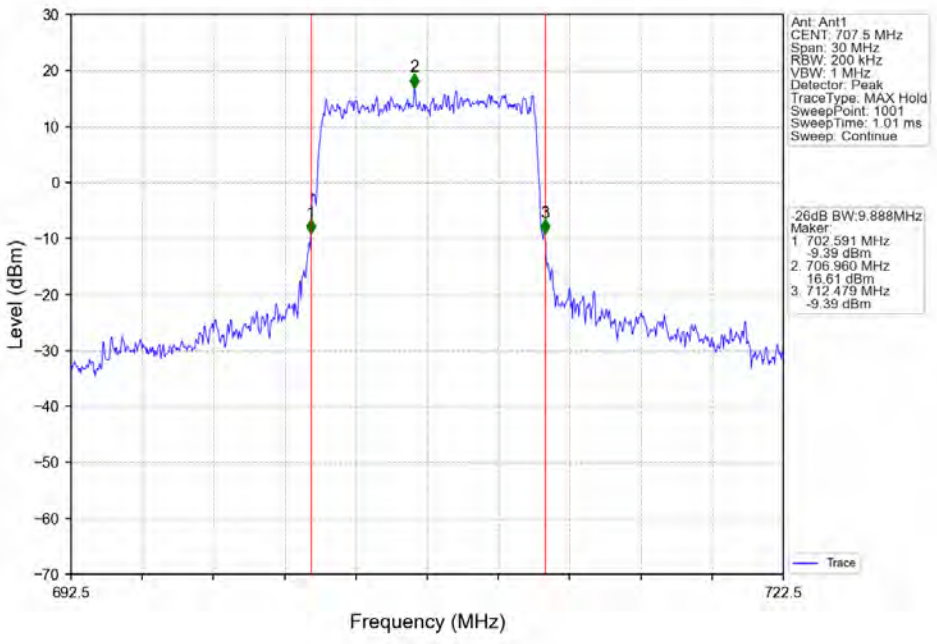
Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



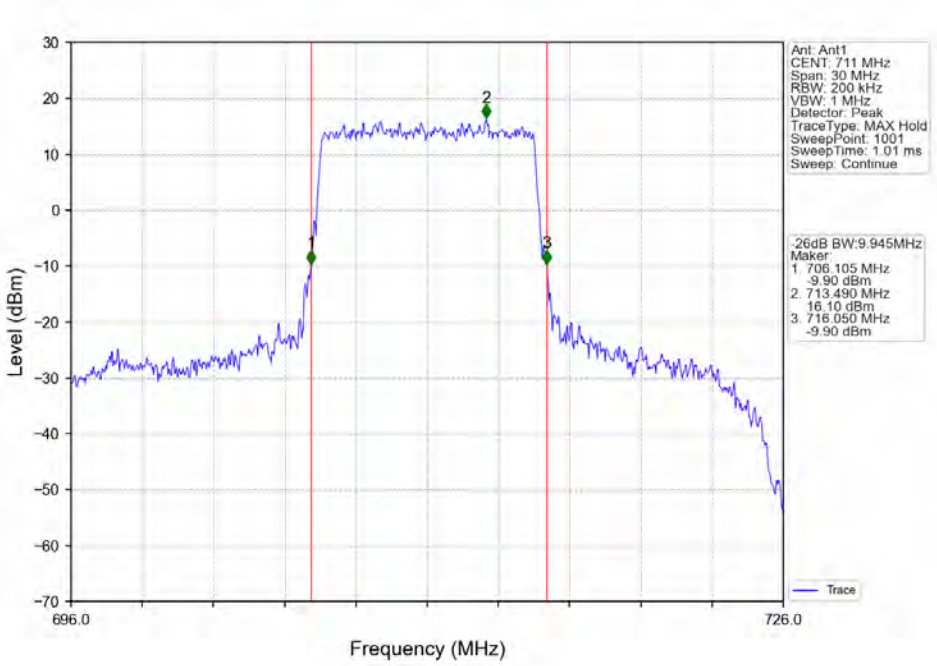
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



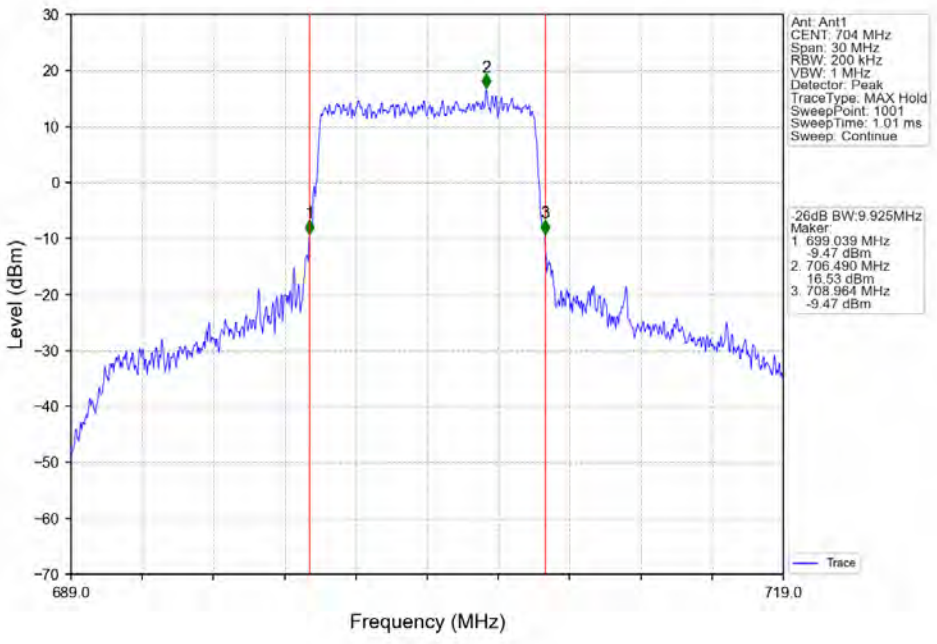
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



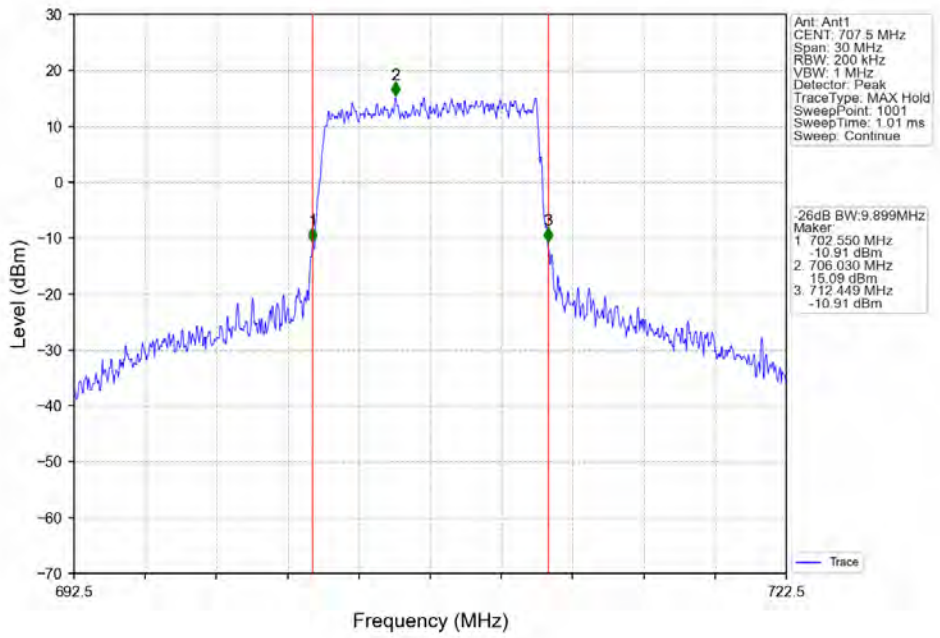
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



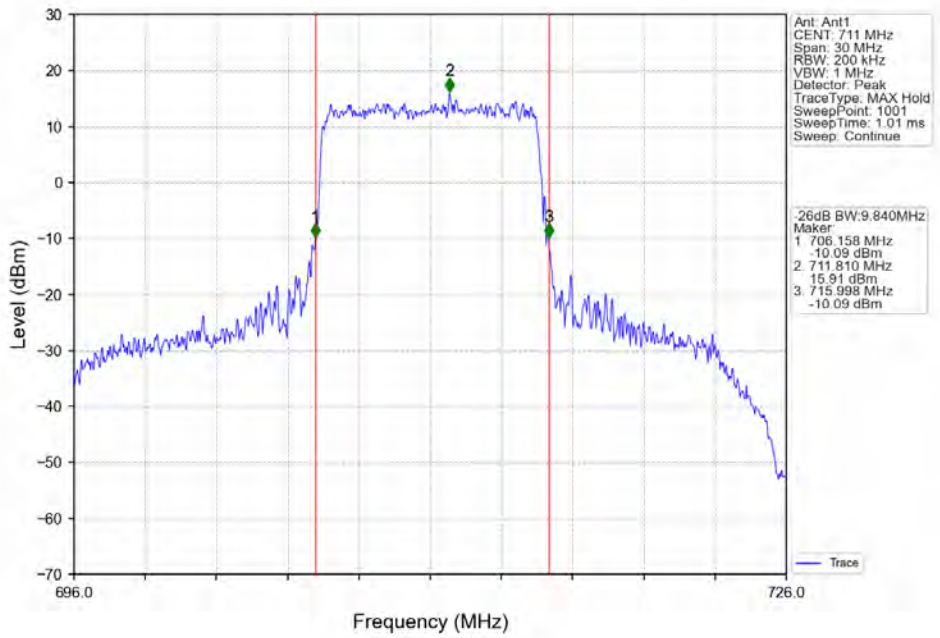
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



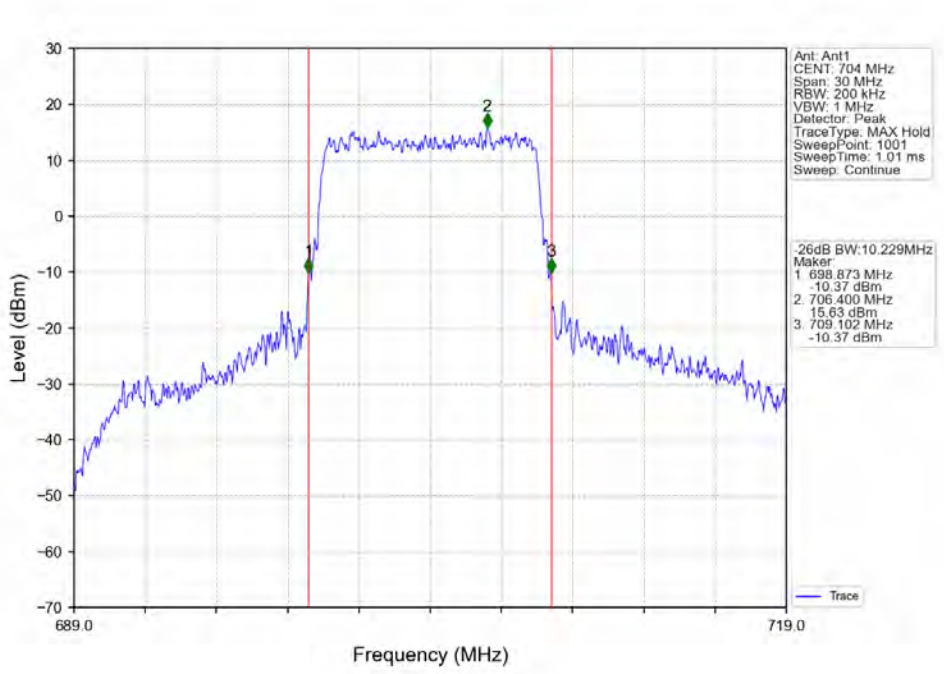
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



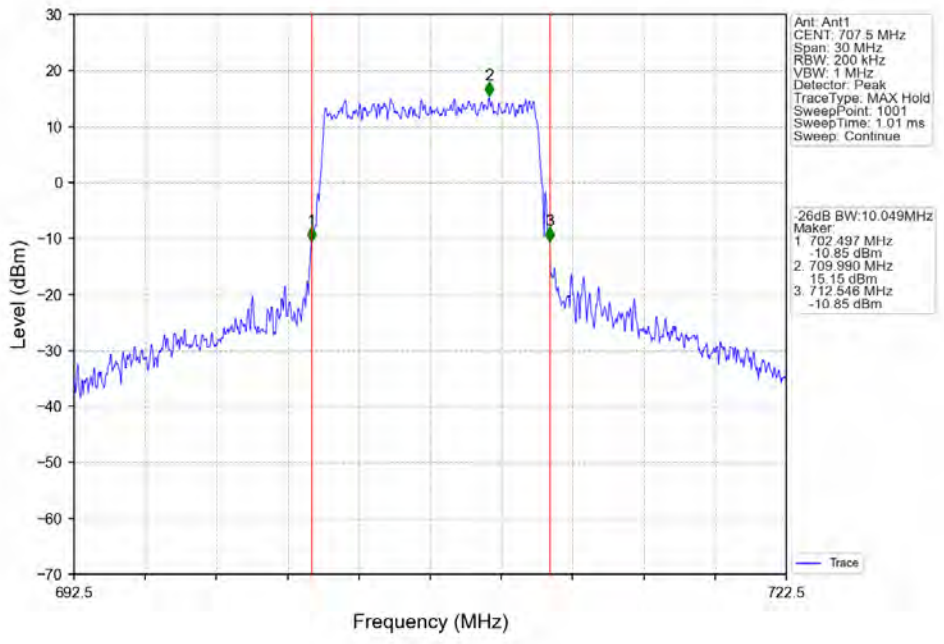
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



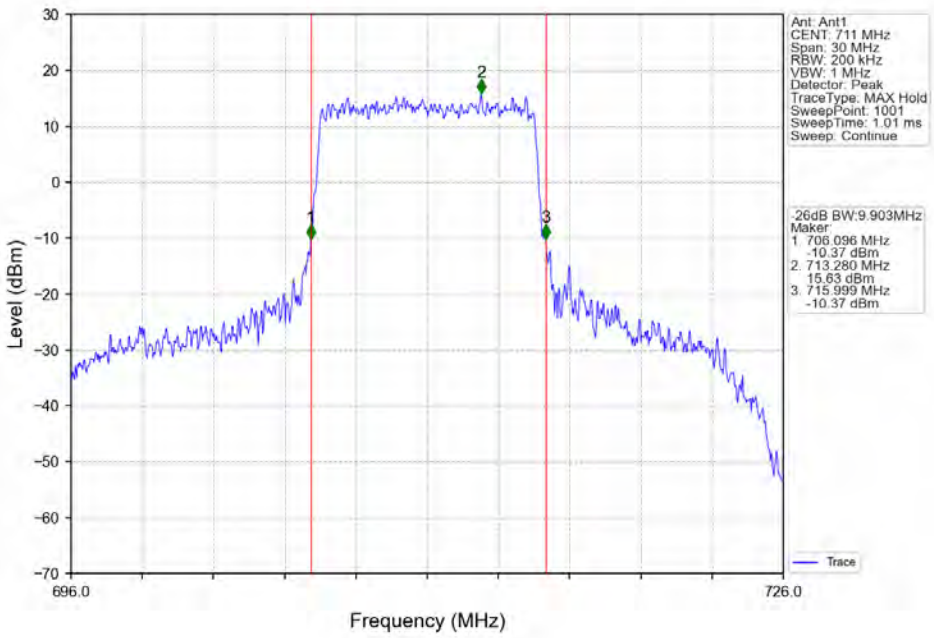
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



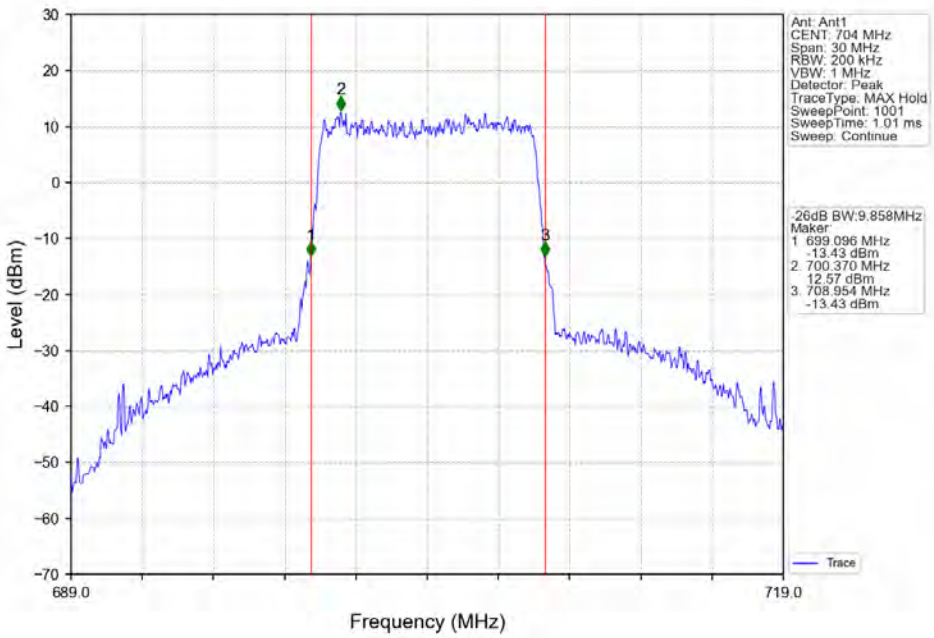
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



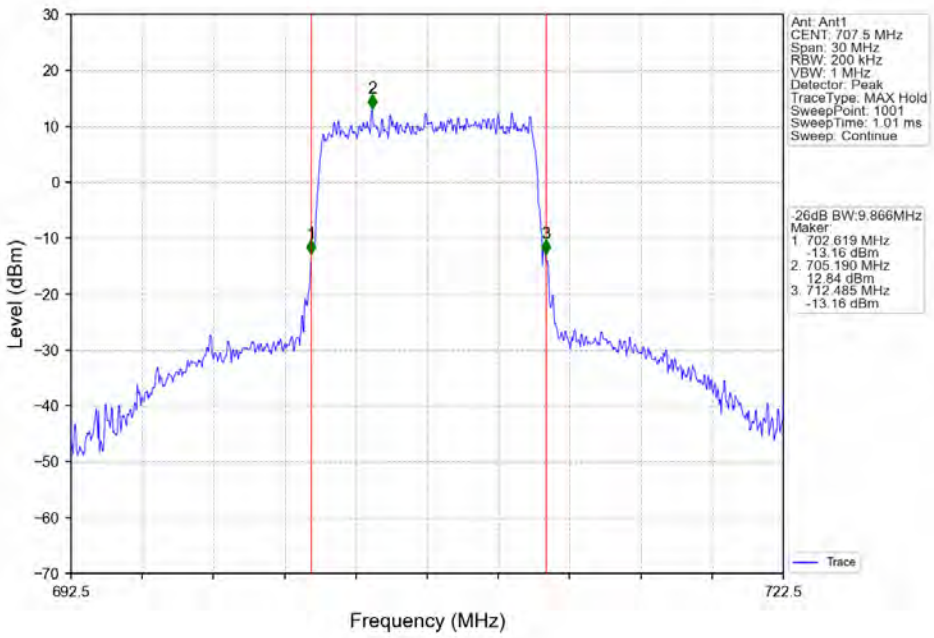
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



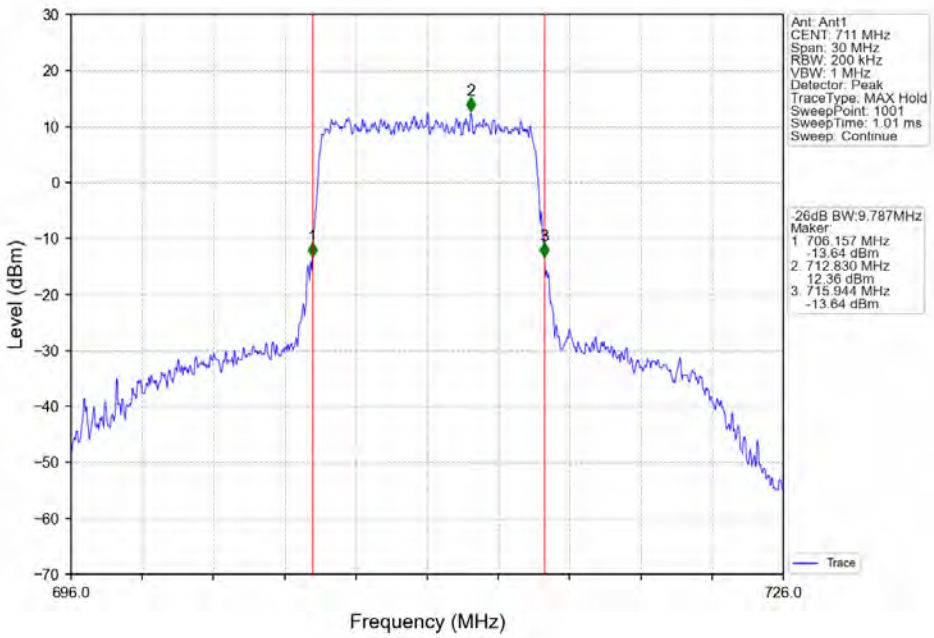
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

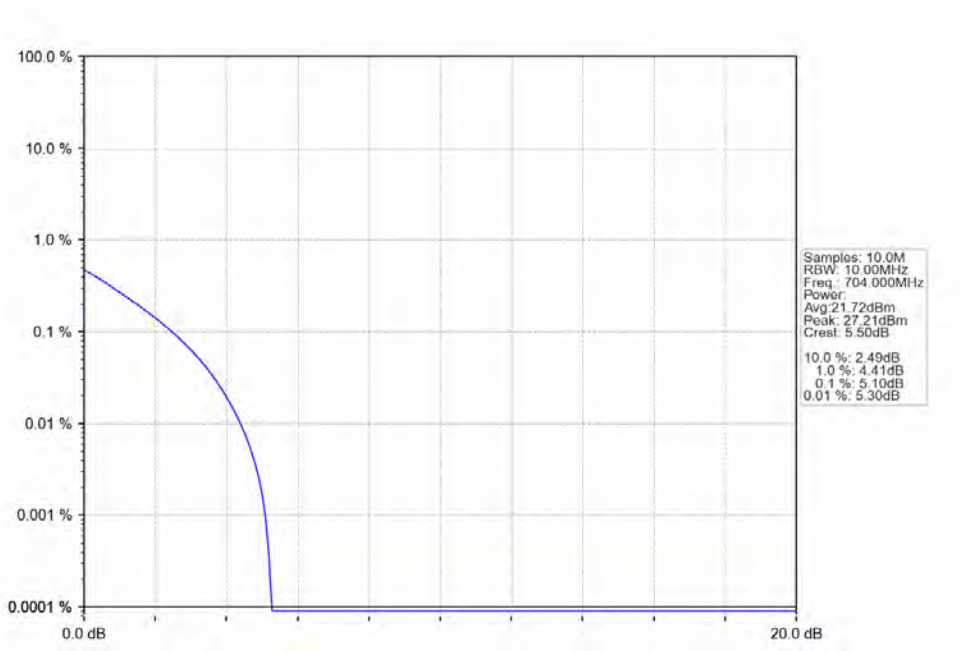
4.1 B12_10MHz

4.1.1 Test Result

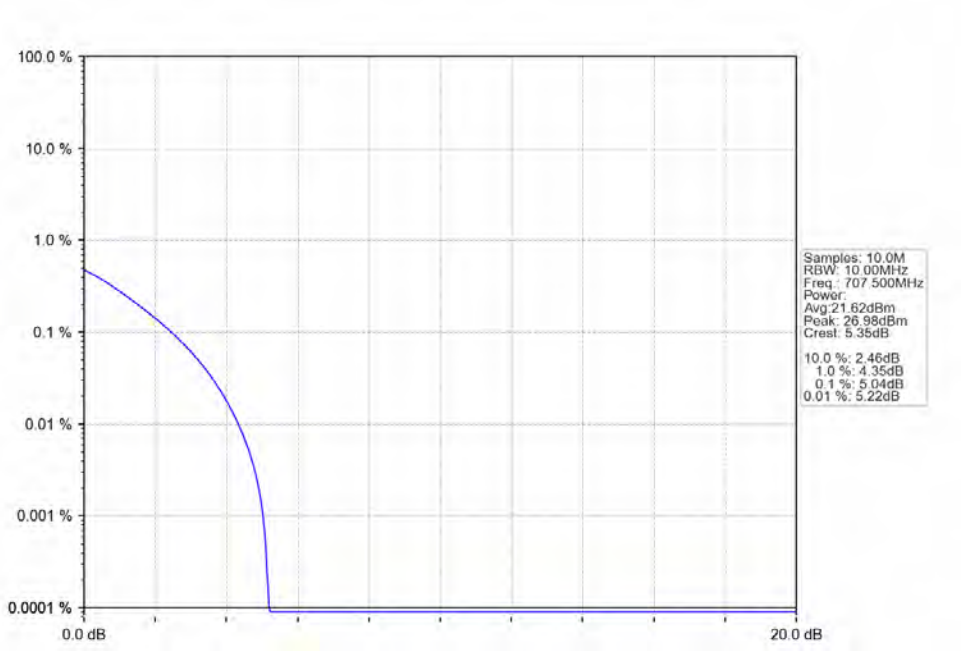
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.10	<=13	Pass
	707.5	50	0	5.04	<=13	Pass
	711	50	0	5.01	<=13	Pass
16QAM	704	50	0	6.06	<=13	Pass
	707.5	50	0	6.03	<=13	Pass
	711	50	0	5.97	<=13	Pass
64QAM	704	50	0	6.03	<=13	Pass
	707.5	50	0	6.00	<=13	Pass
	711	50	0	5.97	<=13	Pass
256QAM	704	50	0	6.75	<=13	Pass
	707.5	50	0	6.70	<=13	Pass
	711	50	0	6.67	<=13	Pass

4.1.2 Test Graph

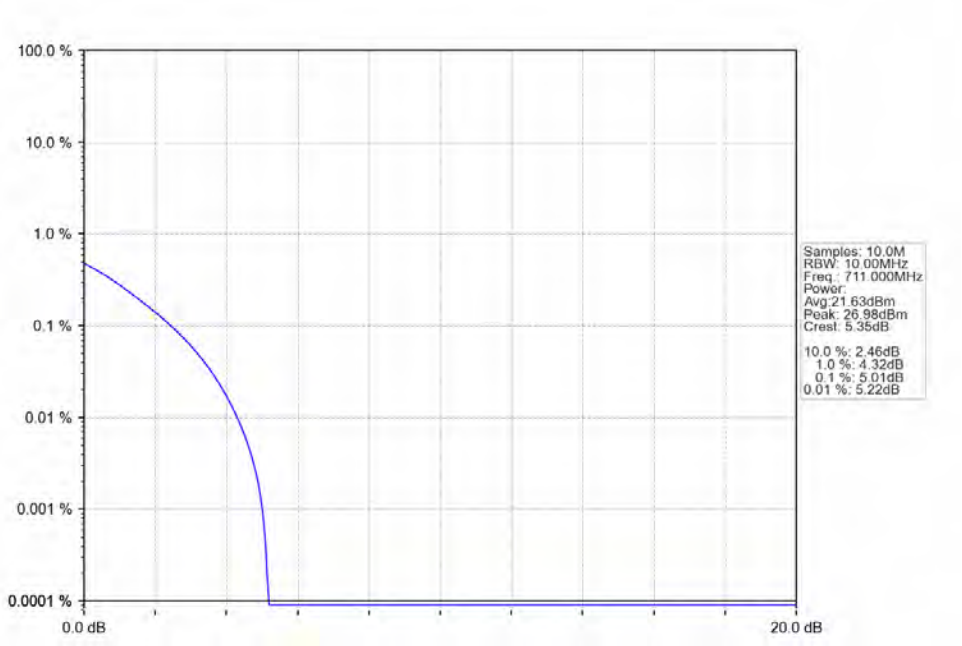
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



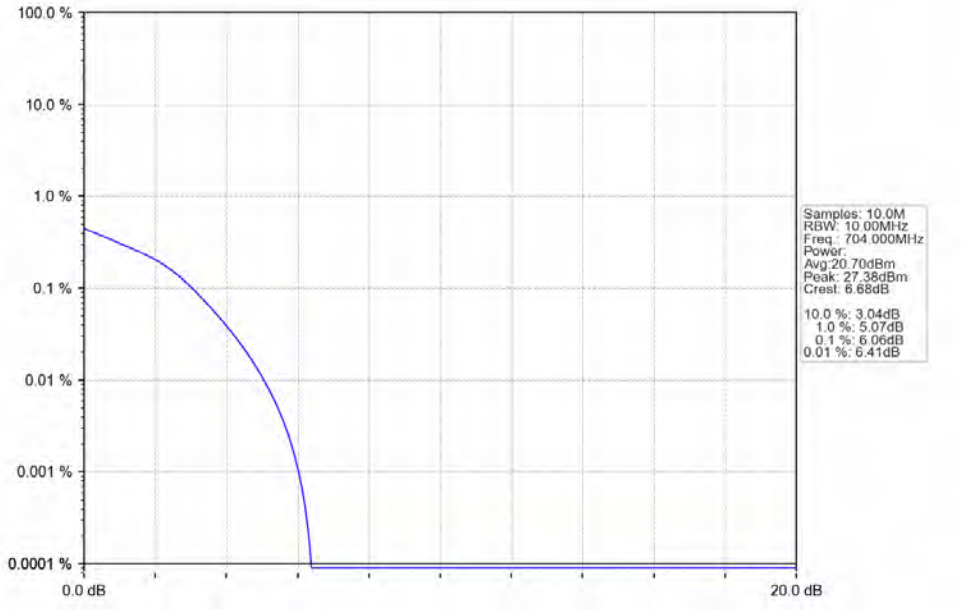
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



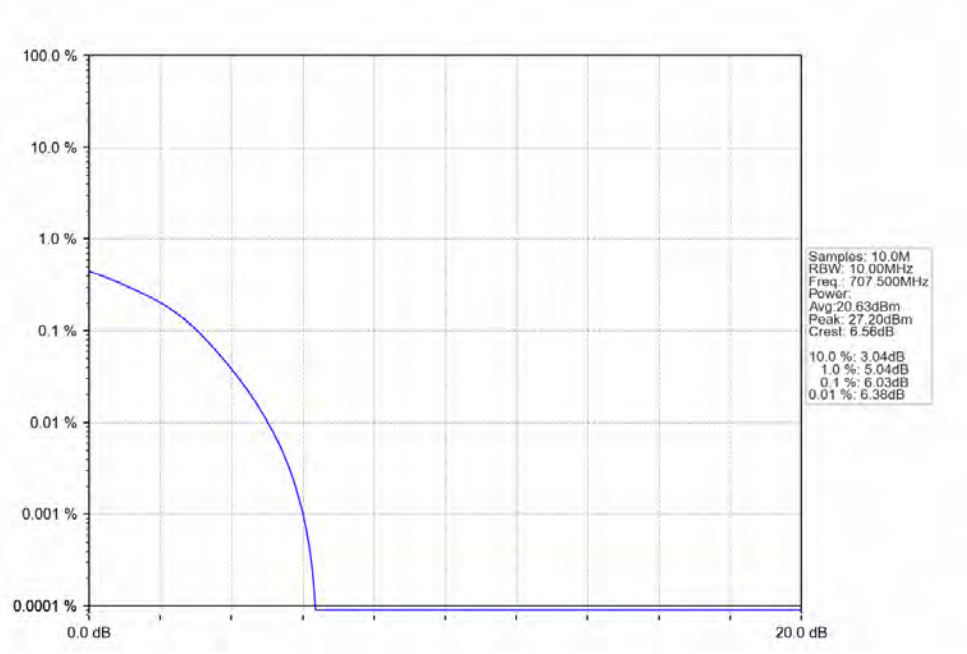
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



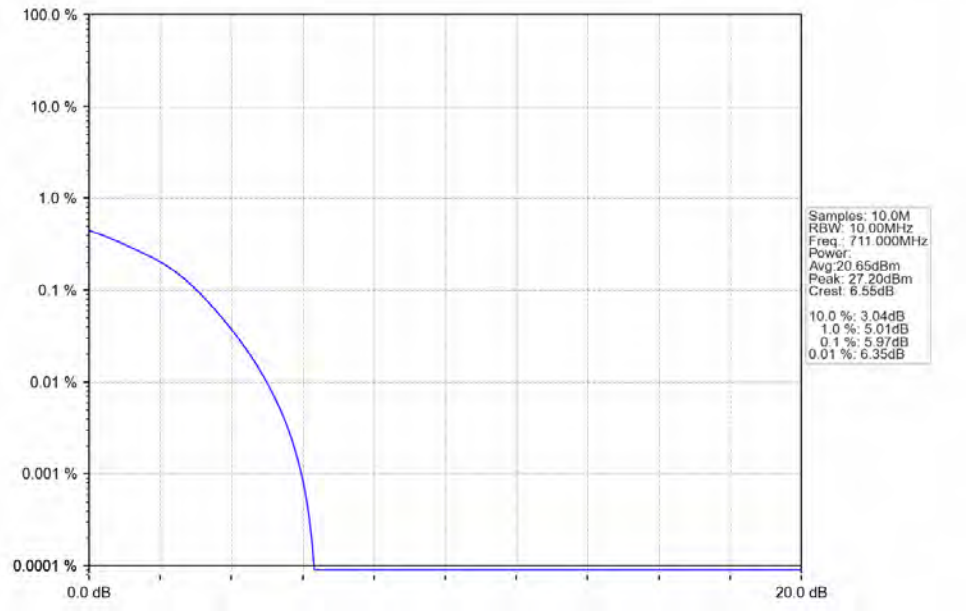
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



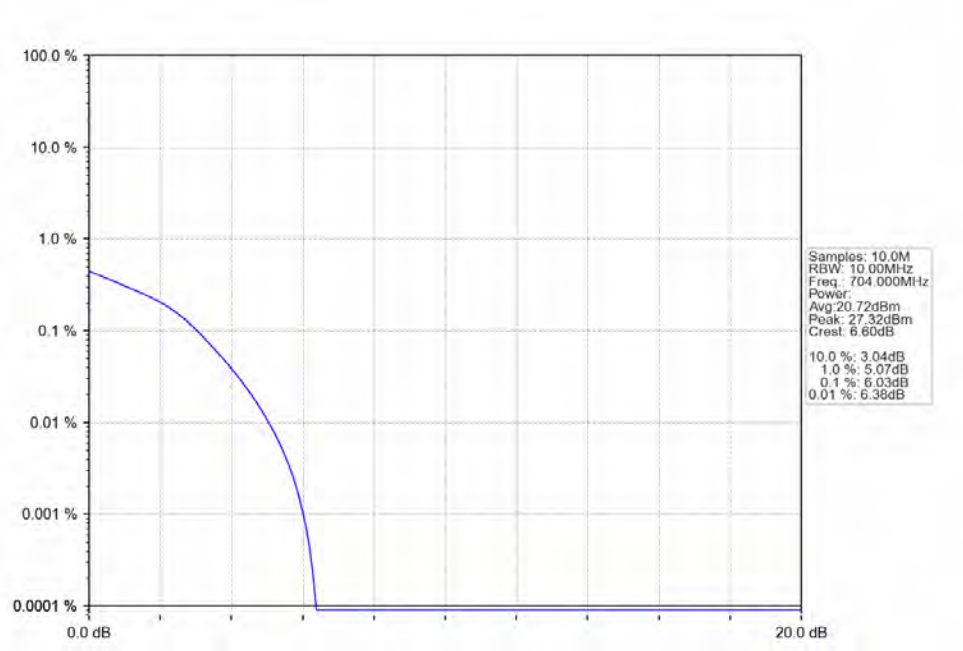
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



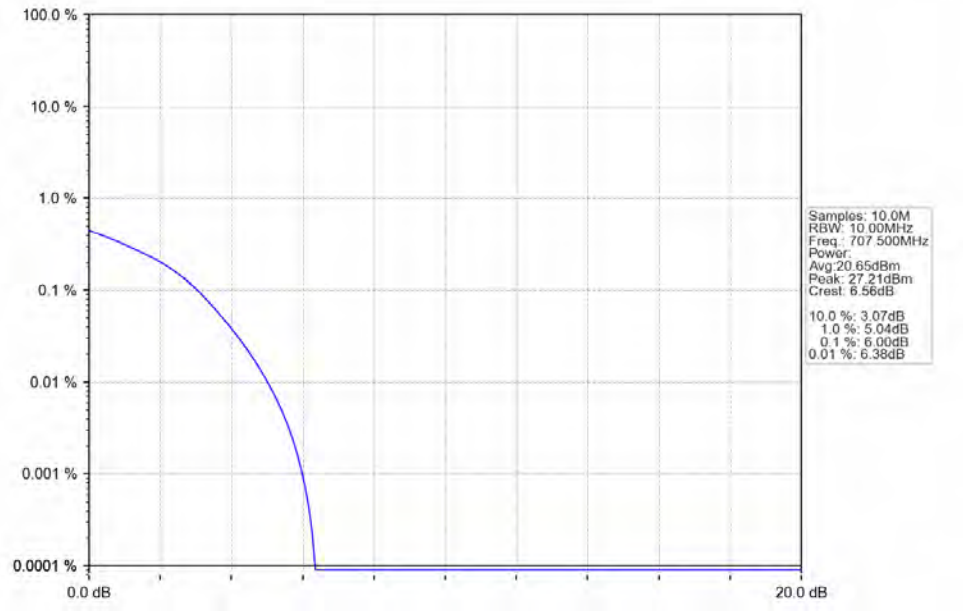
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



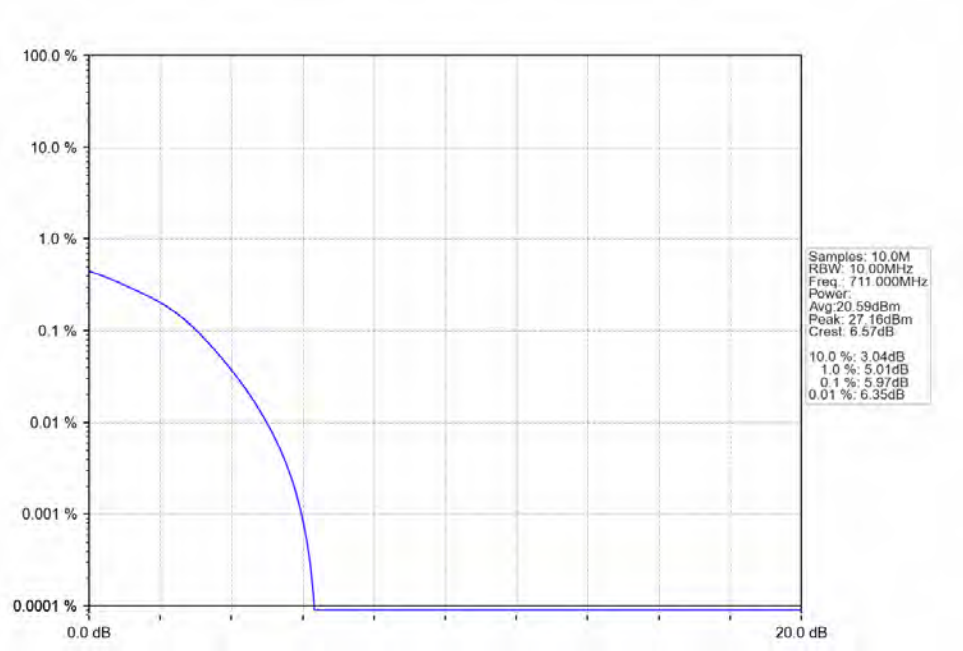
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



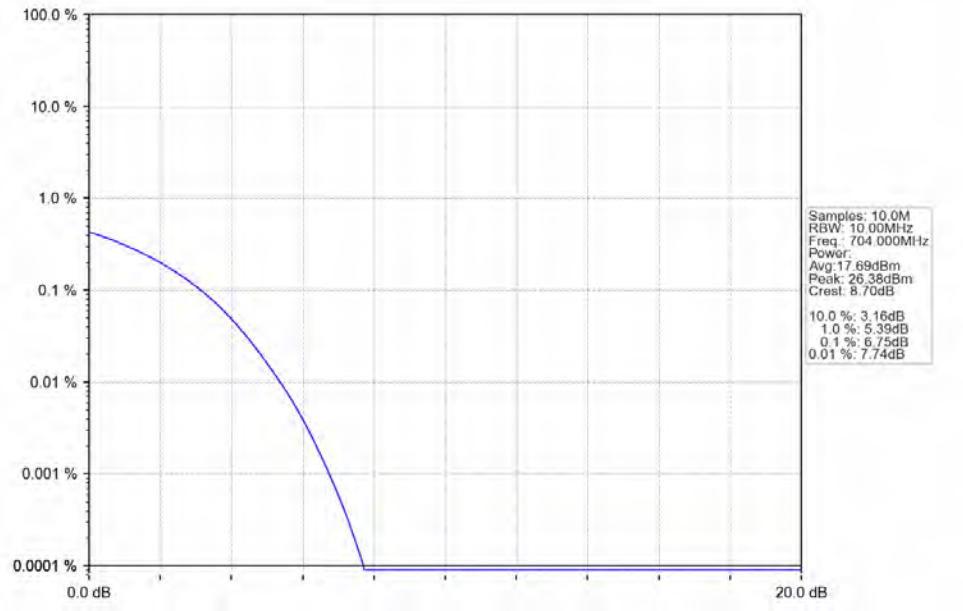
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



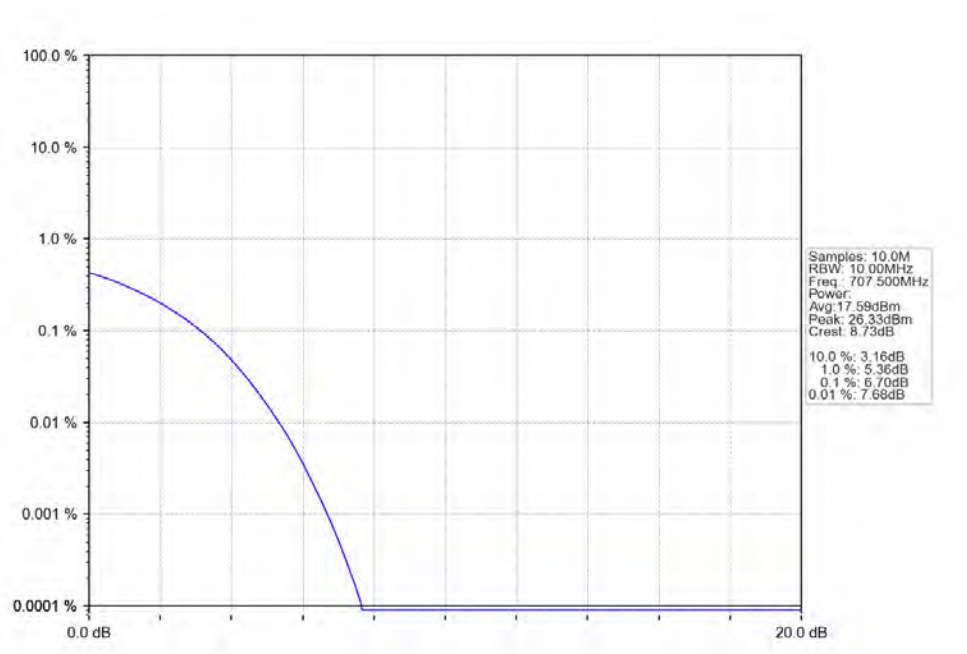
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



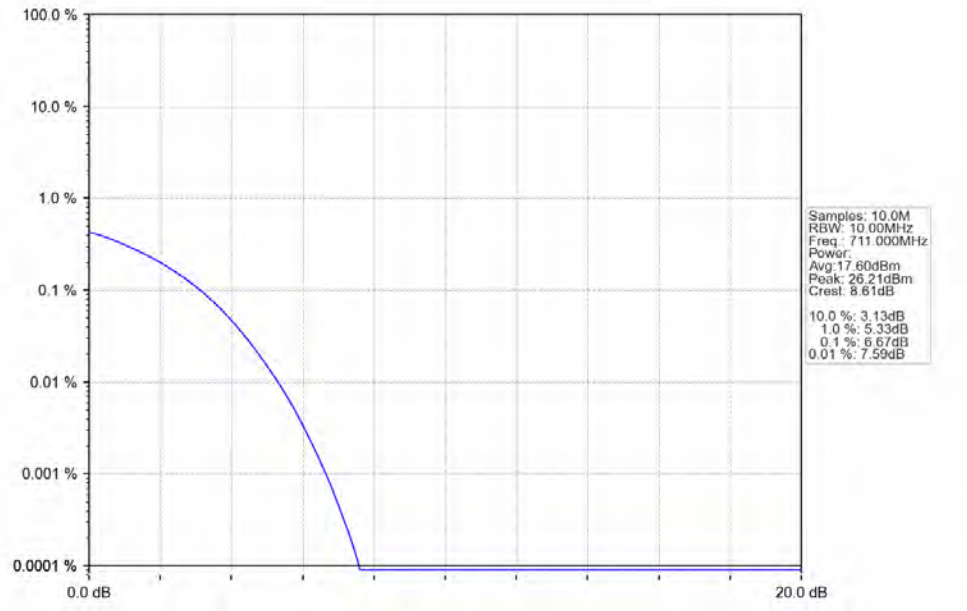
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission & Band Edges

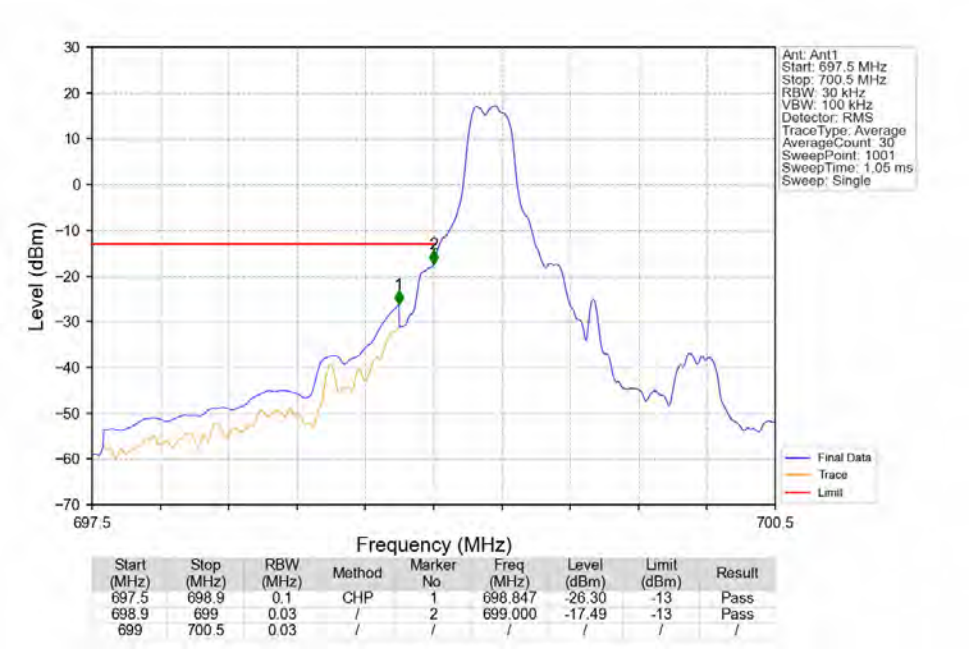
5.1 B12_1.4MHz

5.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

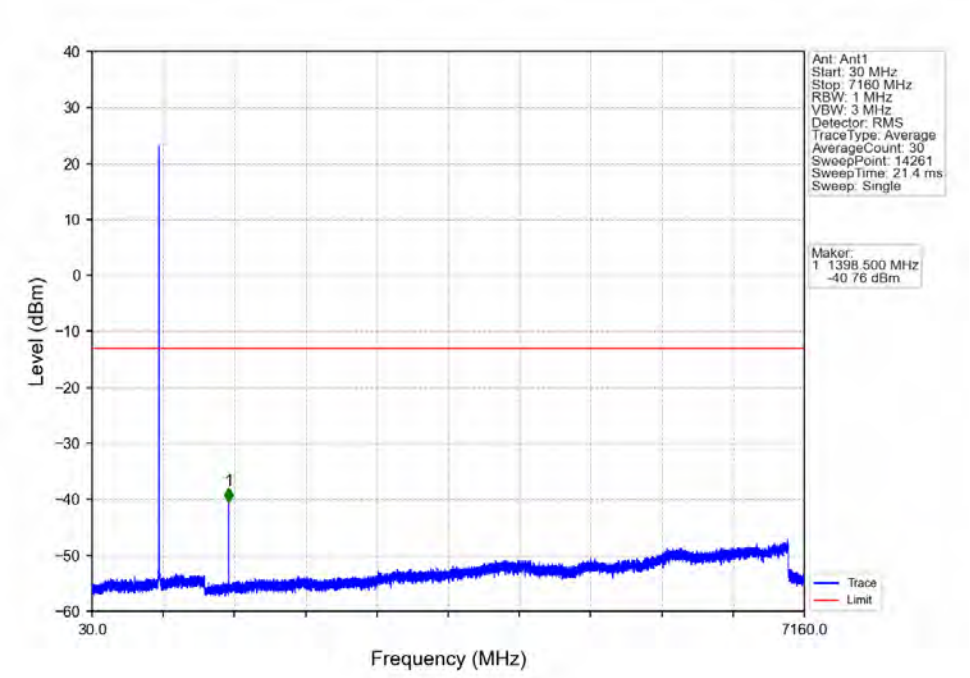
5.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

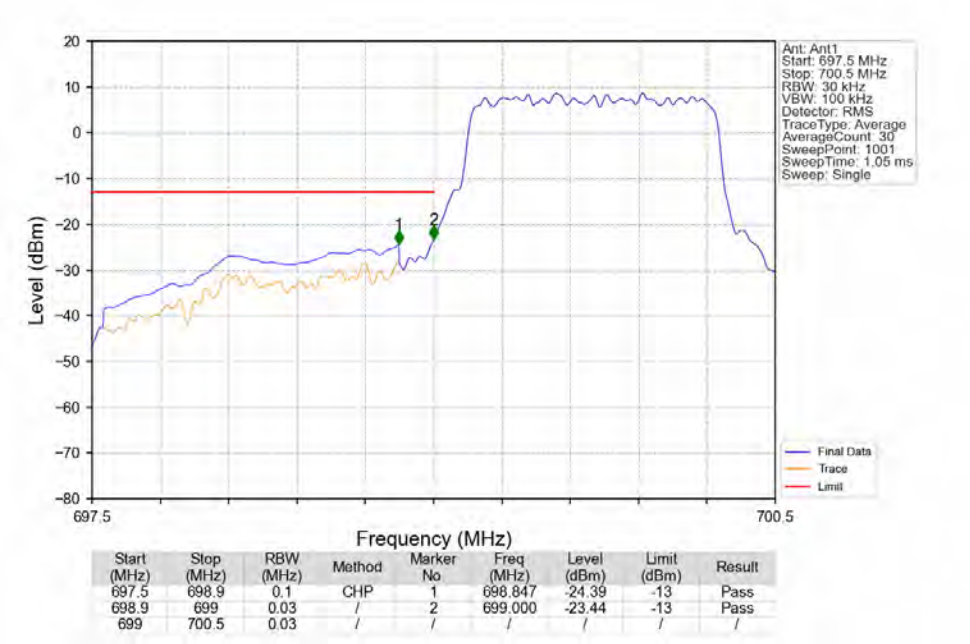


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-26.30	-13	Pass
698.9	699	0.03	/	2	699.000	-17.49	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

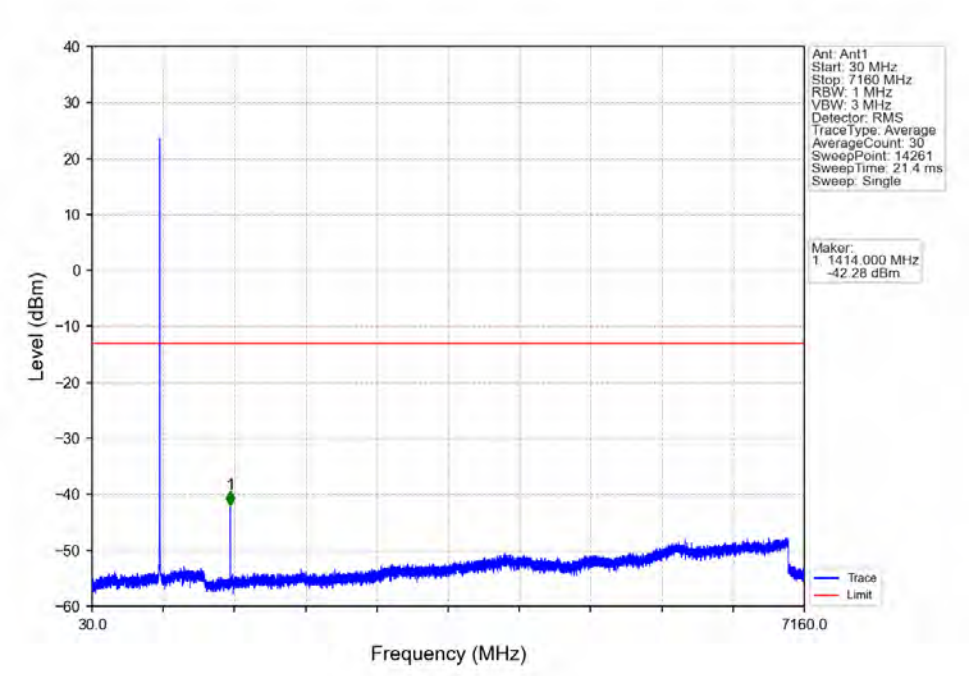


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

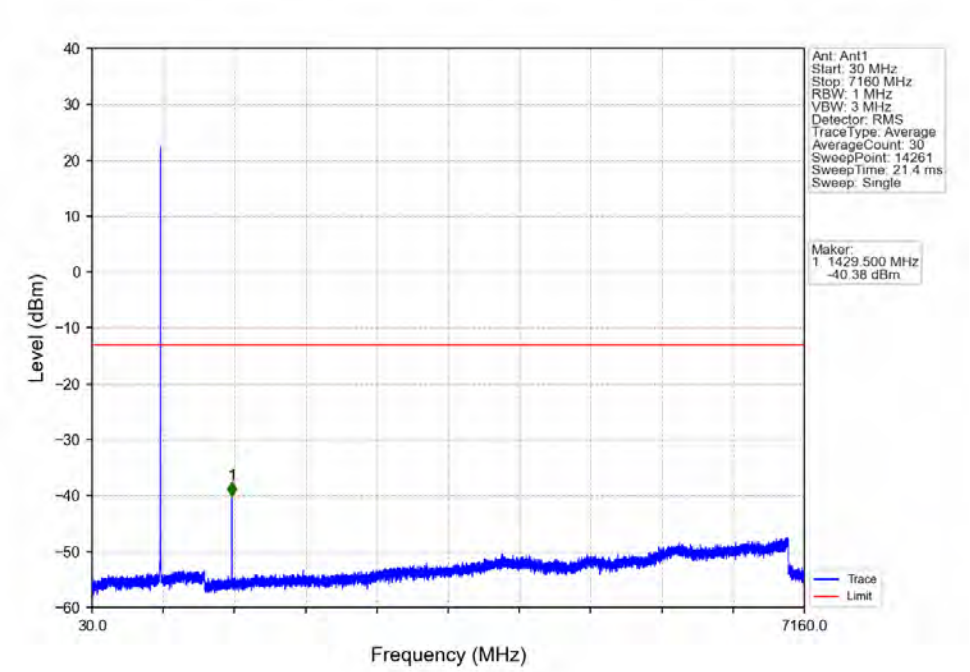


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-24.39	-13	Pass
698.9	699	0.03	/	2	699.000	-23.44	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

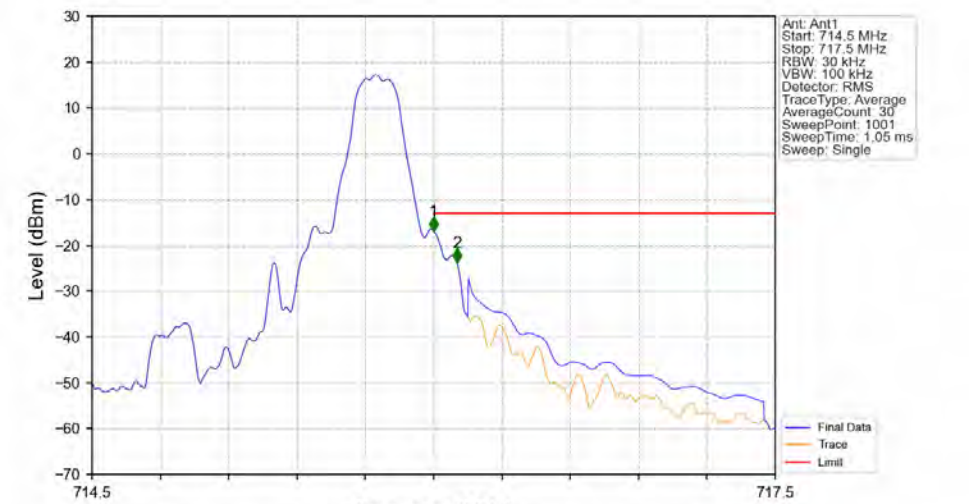
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

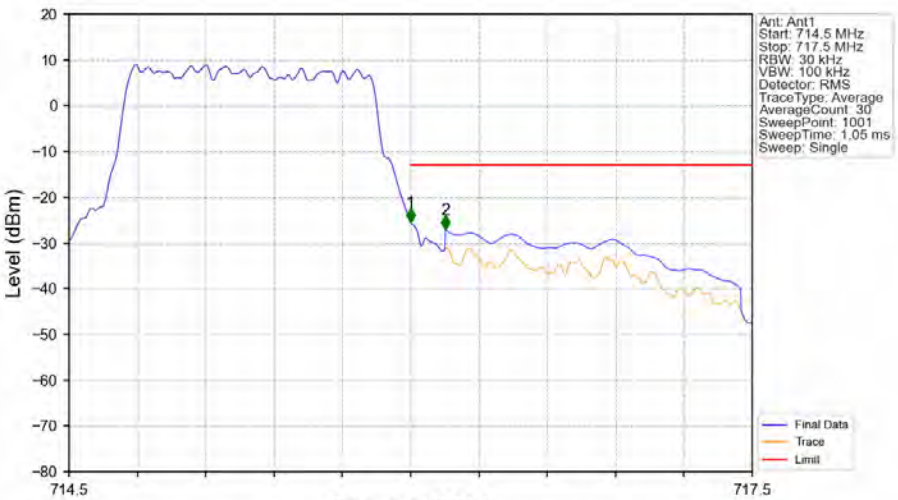


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-16.91	-13	Pass
716.1	717.5	0.1	CHP	2	716.102	-23.76	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-25.53	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-27.08	-13	Pass

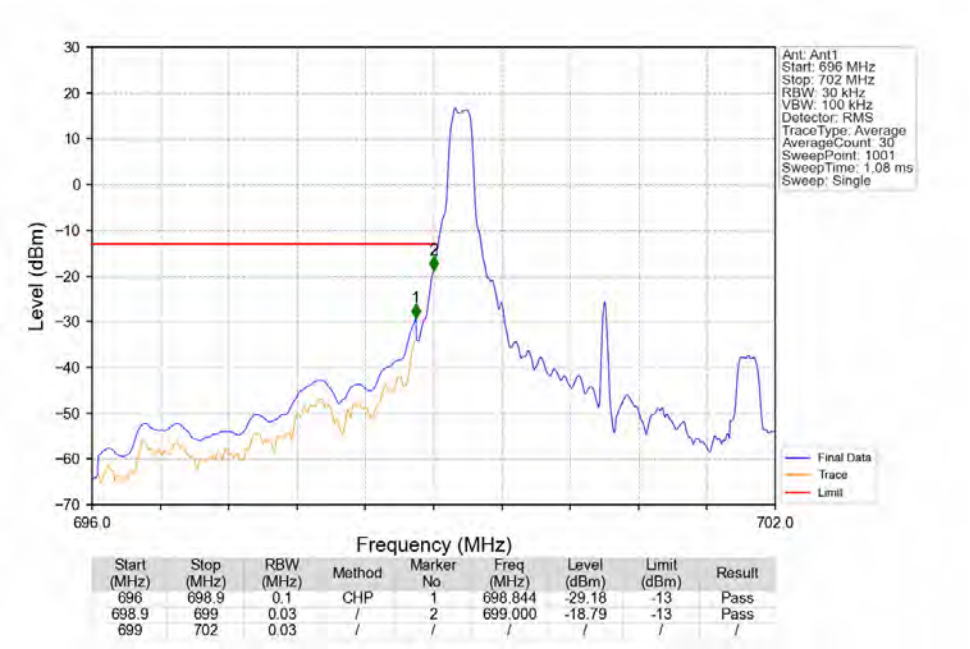
5.2 B12_3MHz

5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

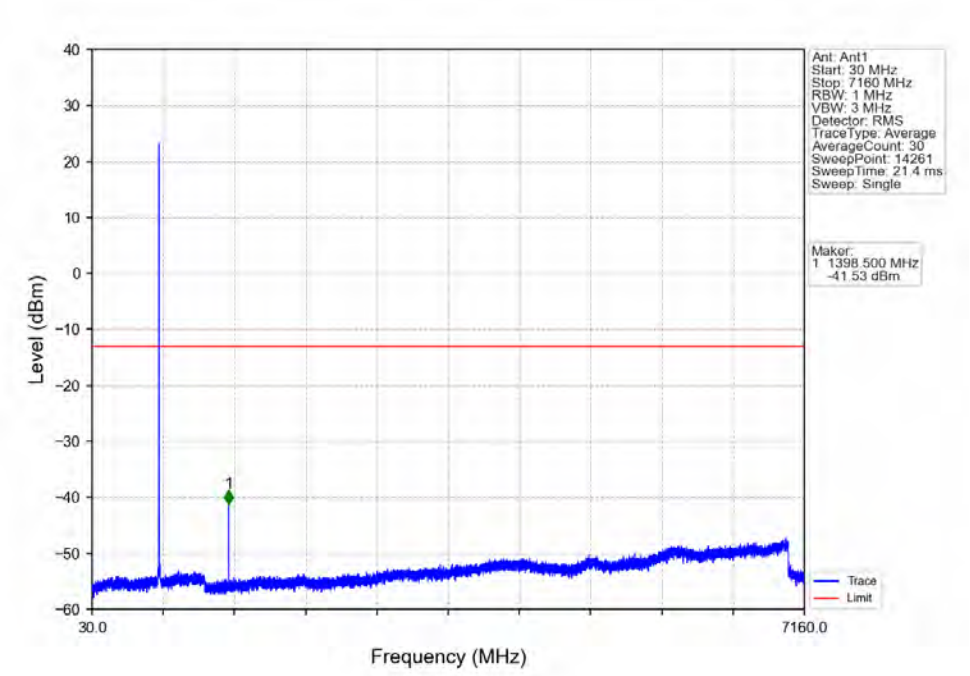
5.2.2 Test Graph

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

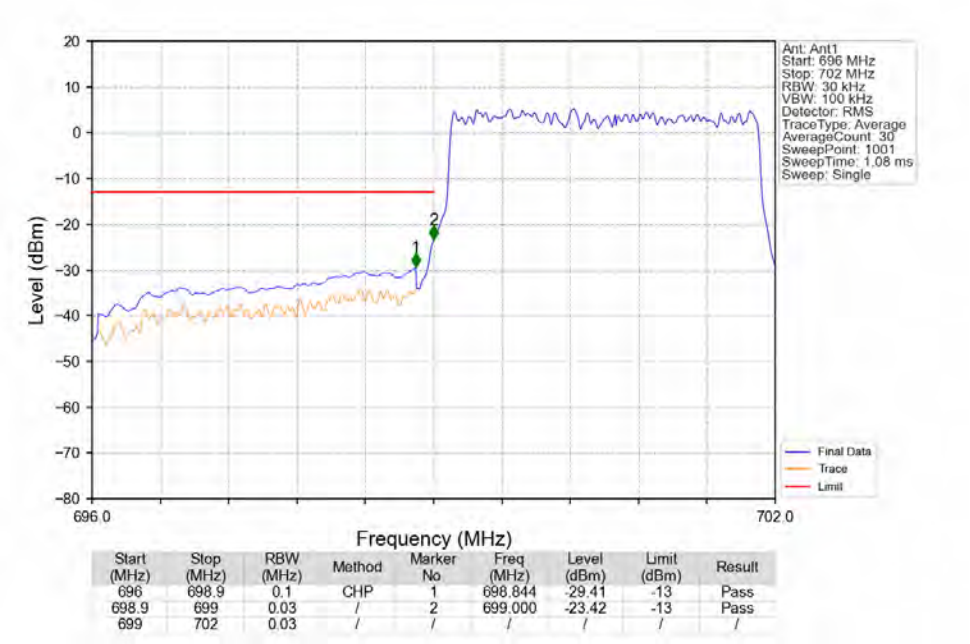


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.18	-13	Pass
698.9	699	0.03	/	2	699.000	-18.79	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

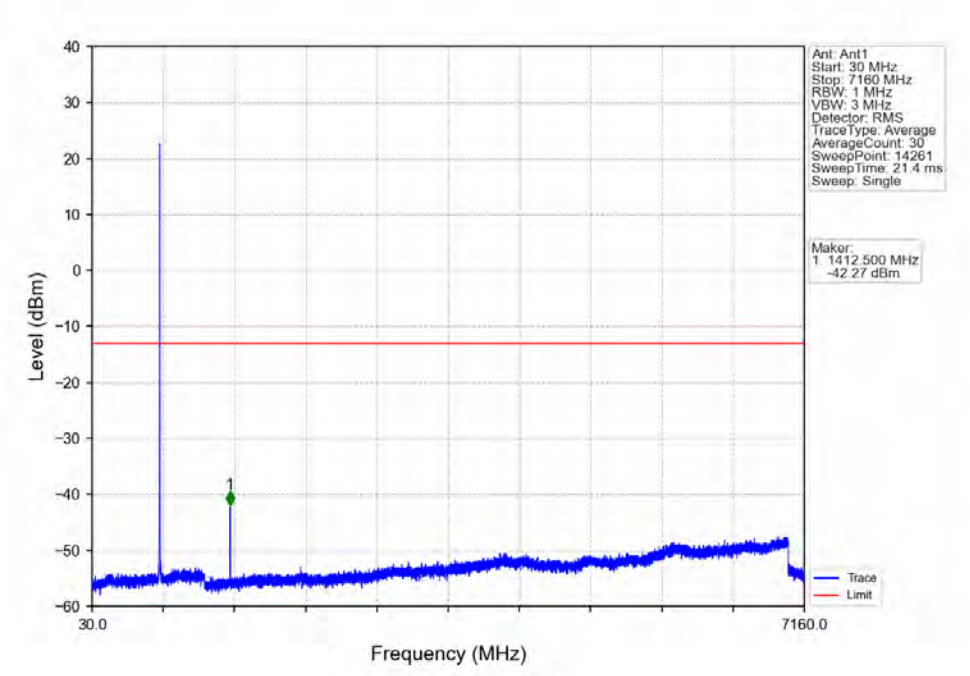


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

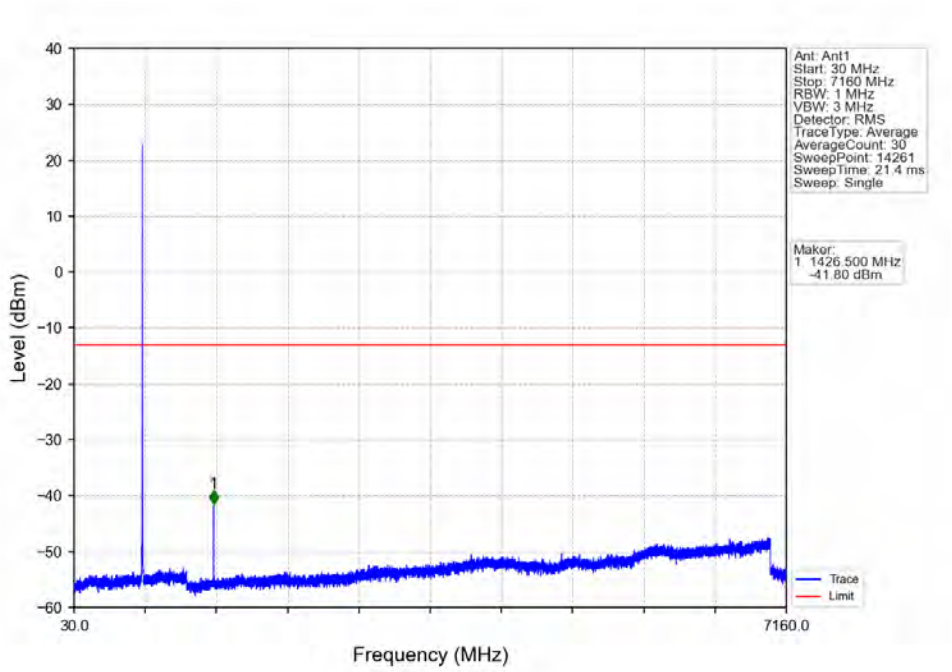


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.41	-13	Pass
698.9	699	0.03	/	2	699.000	-23.42	-13	Pass
699	702	0.03	/	/	/	/	/	/

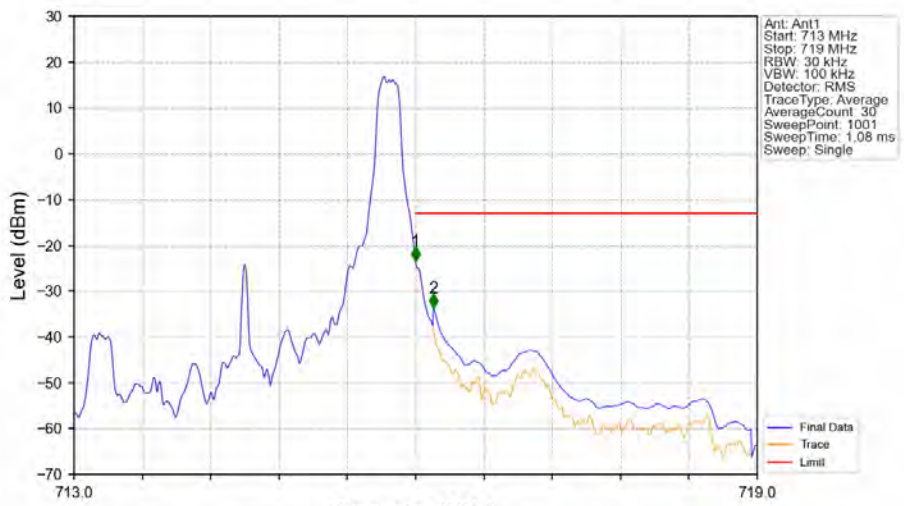
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

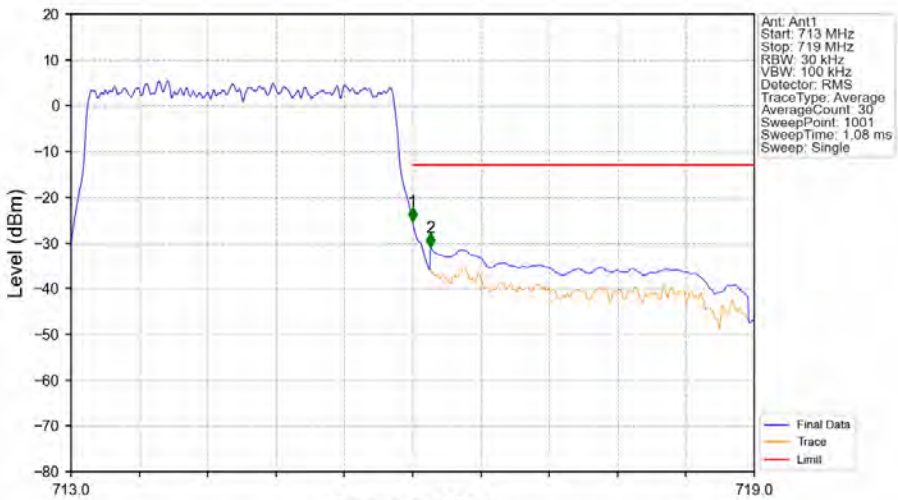


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-23.51	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.62	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-25.41	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.92	-13	Pass

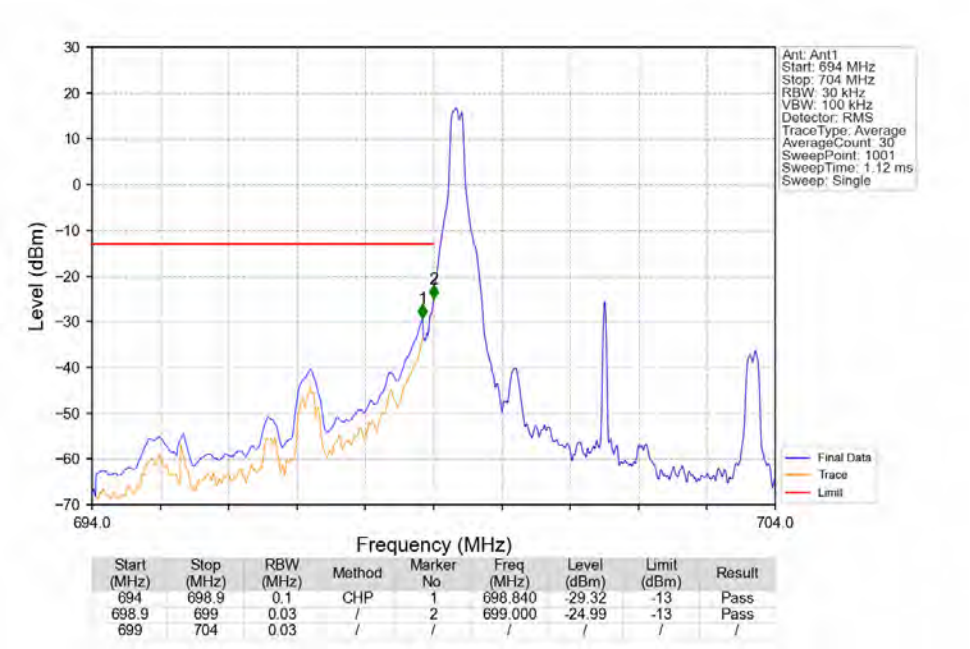
5.3 B12_5MHz

5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

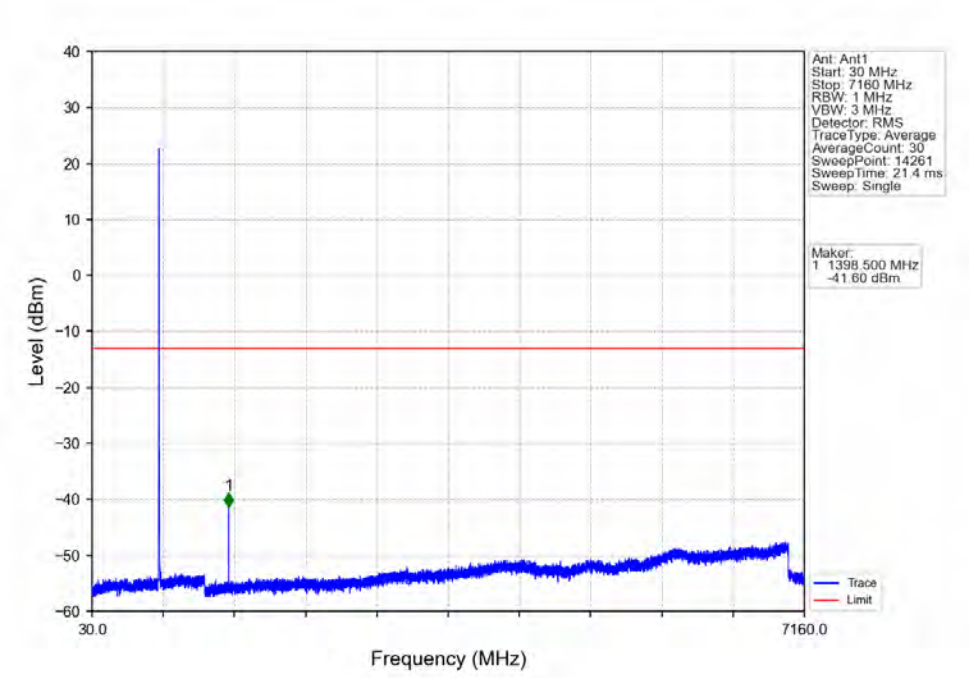
5.3.2 Test Graph

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

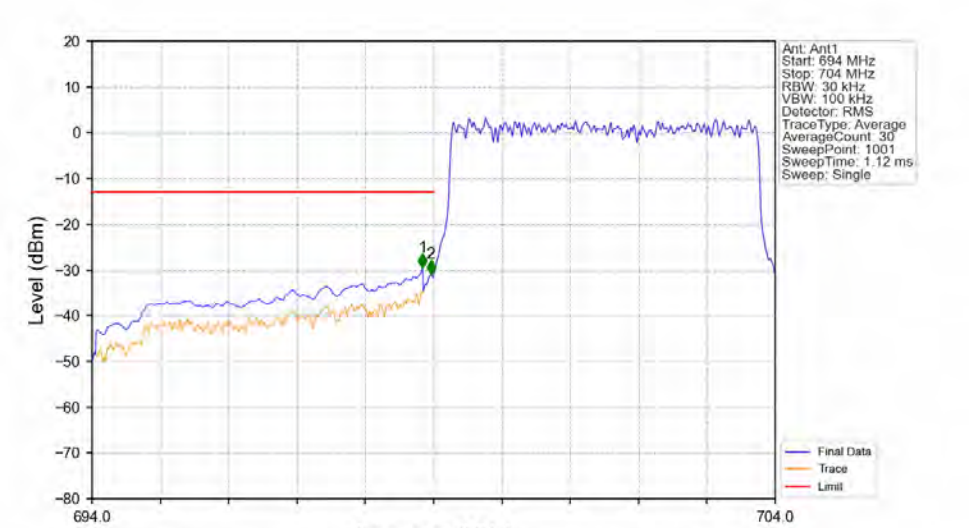


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.32	-13	Pass
698.9	699	0.03	/	2	699.000	-24.99	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

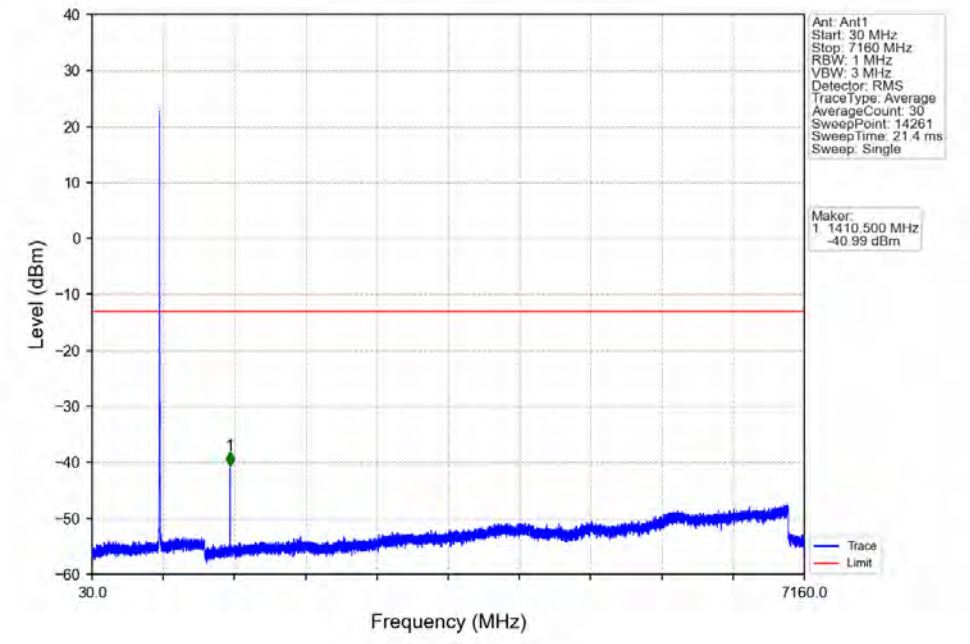


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

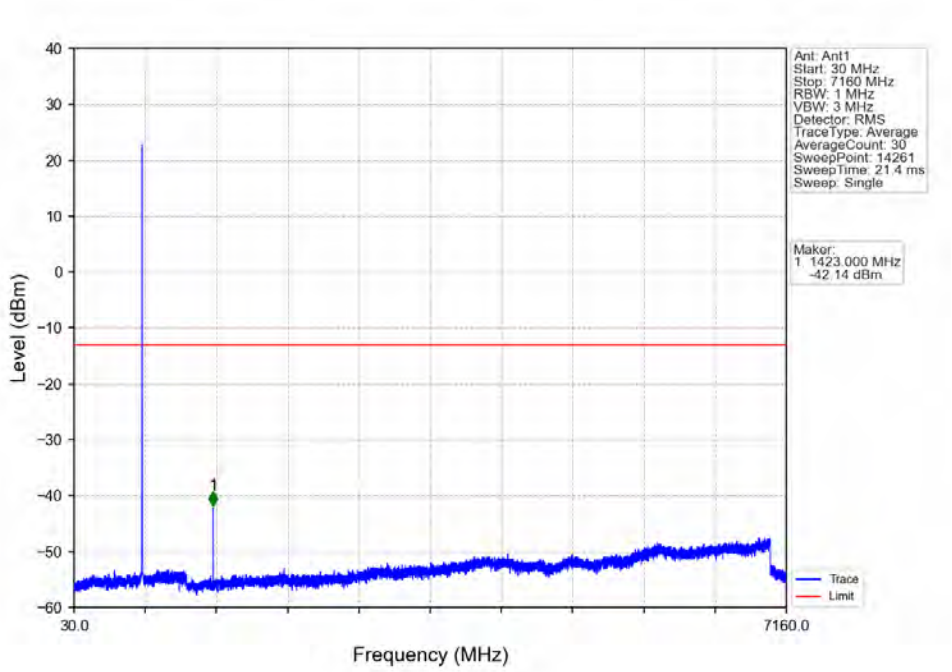


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.48	-13	Pass
698.9	699	0.03	/	2	698.960	-30.89	-13	Pass
699	704	0.03	/	/	/	/	/	/

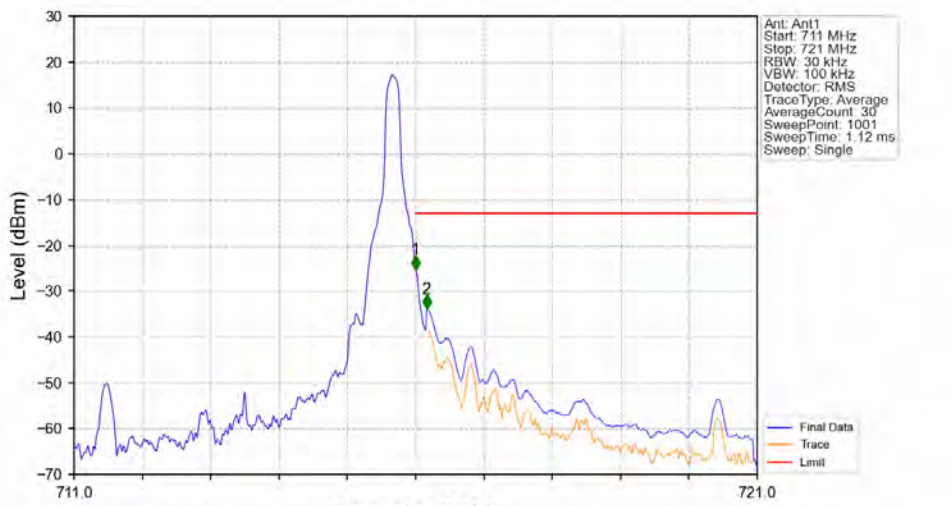
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

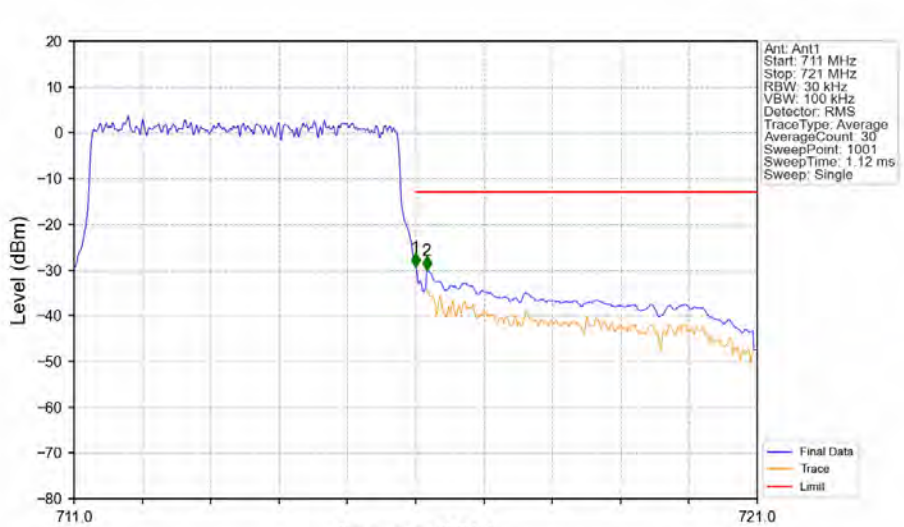


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-25.30	-13	Pass
716.1	721	0.1	CHP	2	716.160	-33.80	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-29.37	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.07	-13	Pass

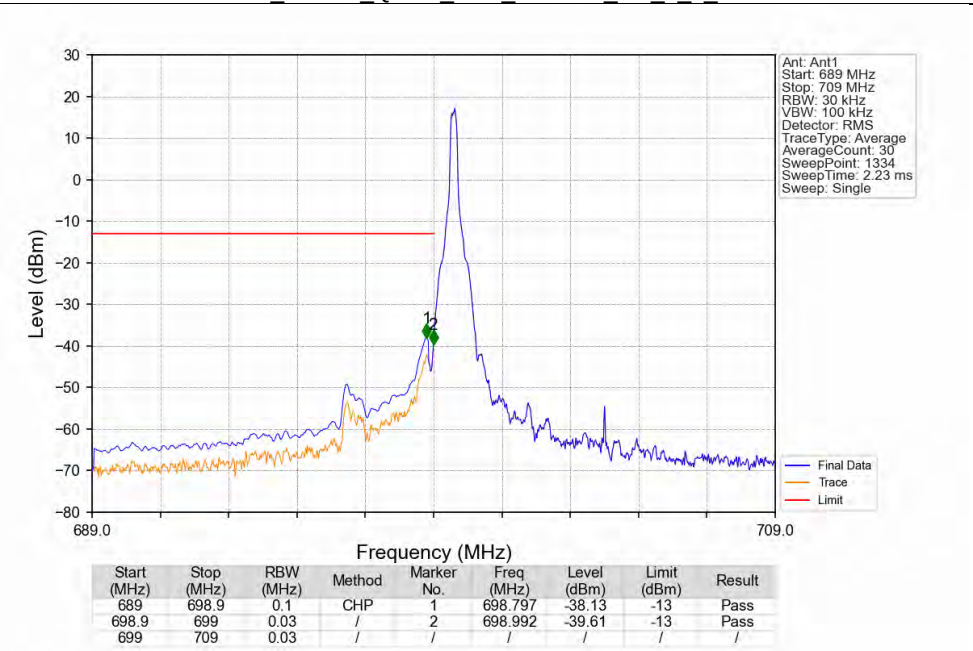
5.4 B12_10MHz

5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

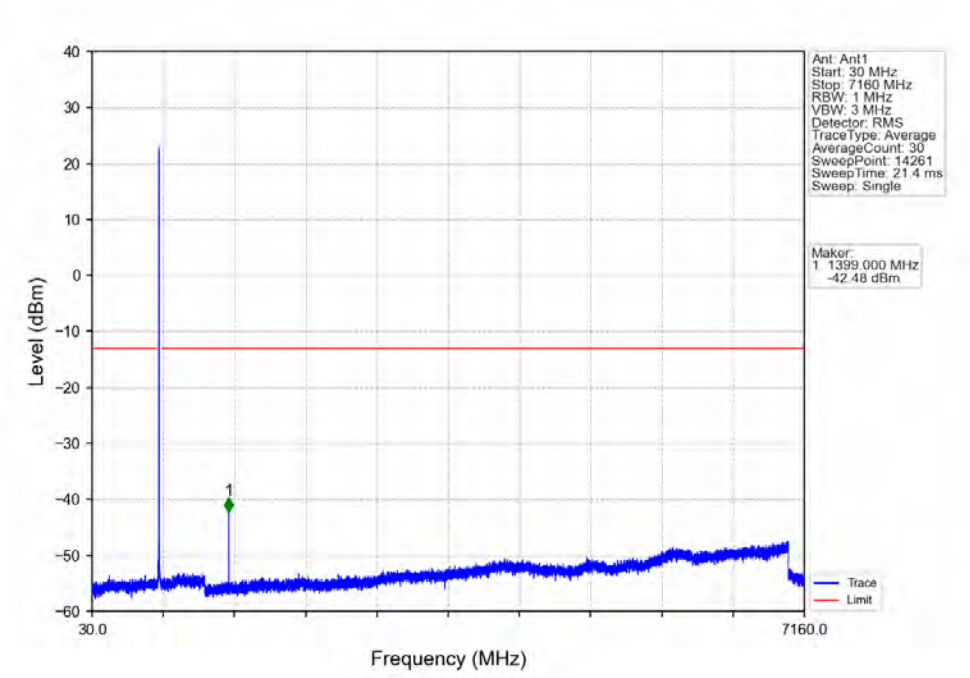
5.4.2 Test Graph

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

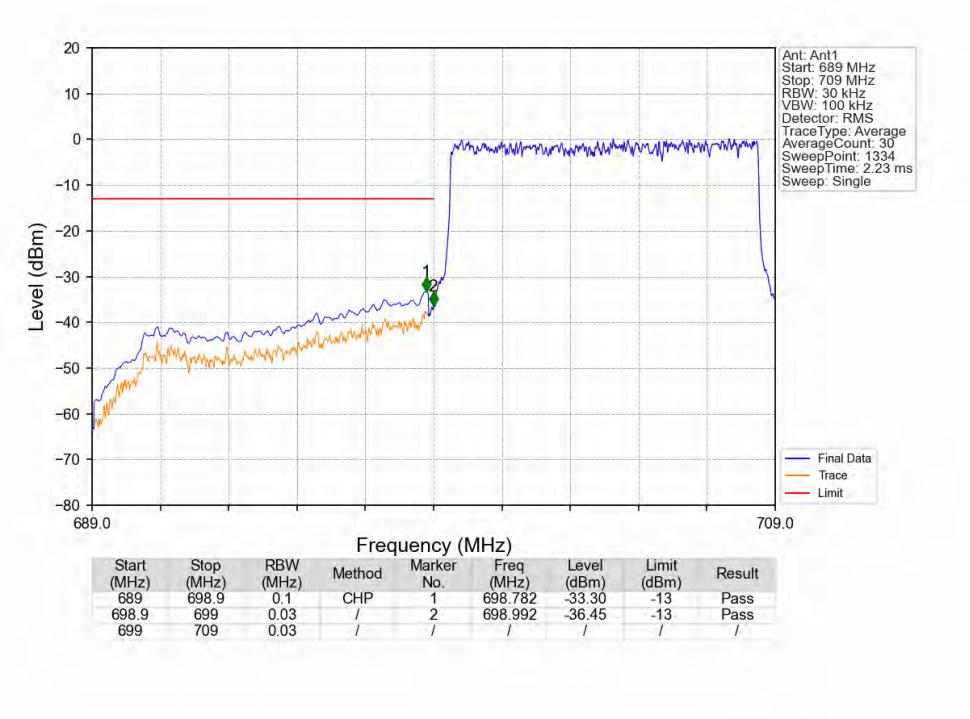


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.797	-38.13	-13	Pass
698.9	699	0.03	/	2	698.992	-39.61	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

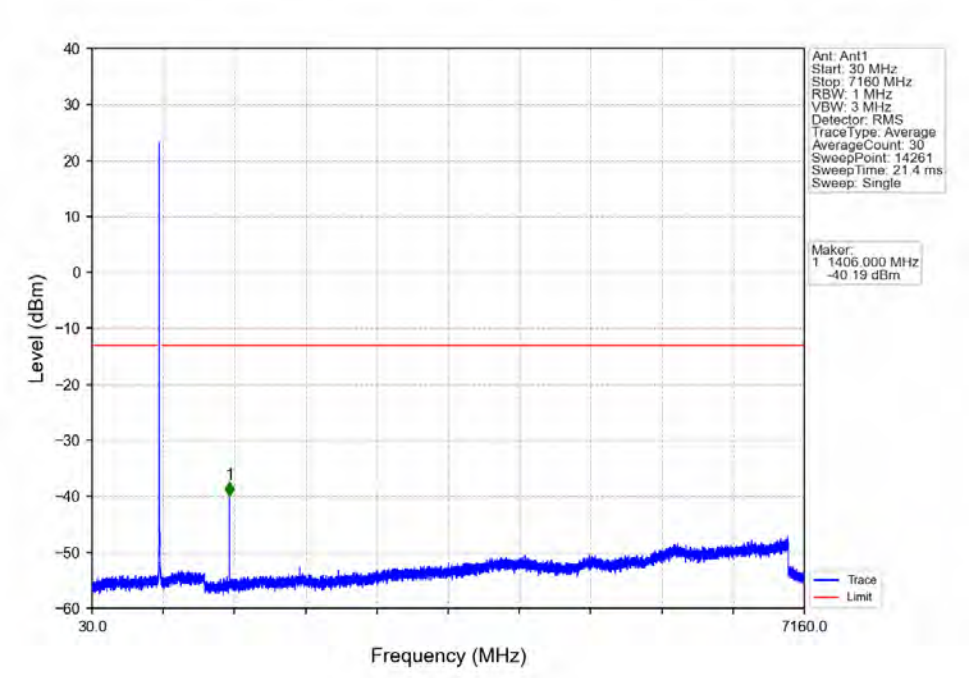


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

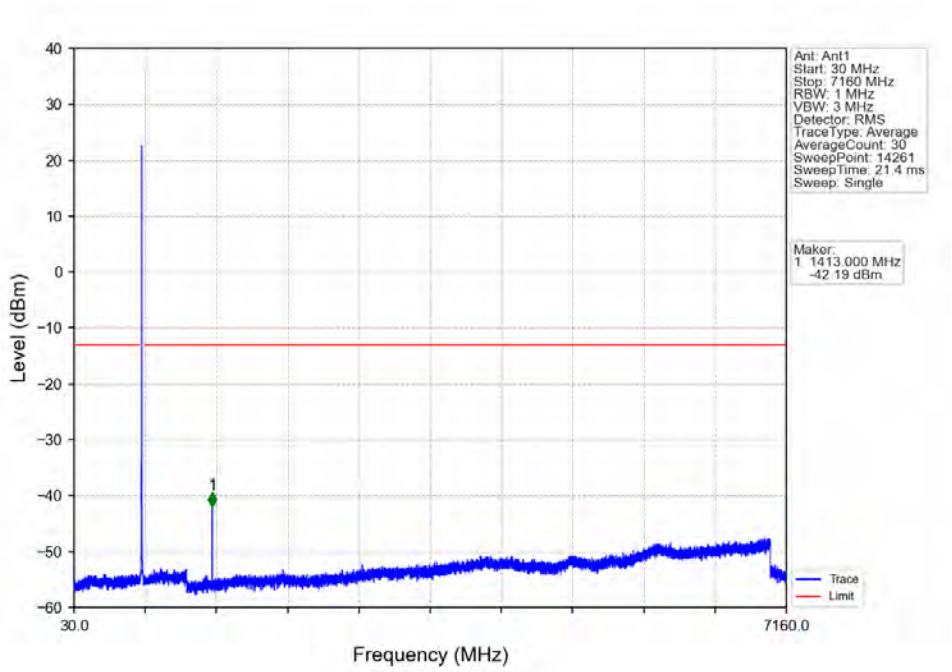


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.782	-33.30	-13	Pass
698.9	699	0.03	/	2	698.992	-36.45	-13	Pass
699	709	0.03	/	/	/	/	/	/

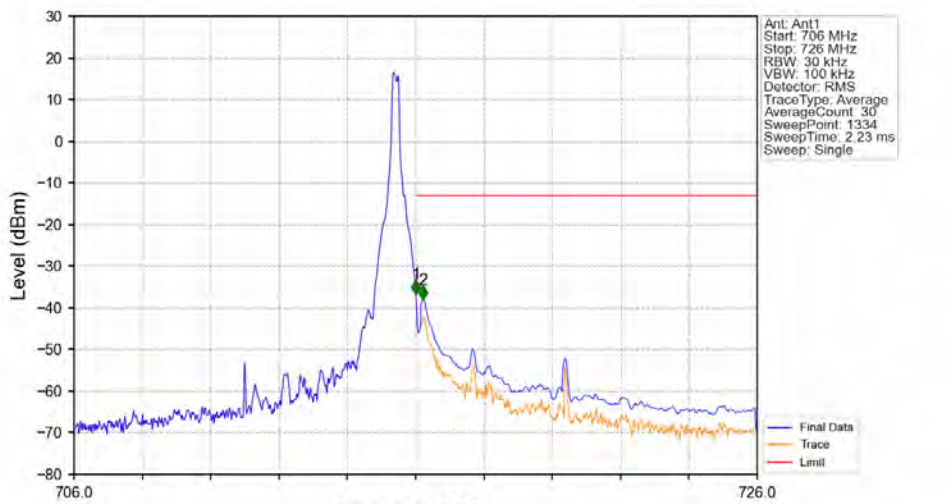
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

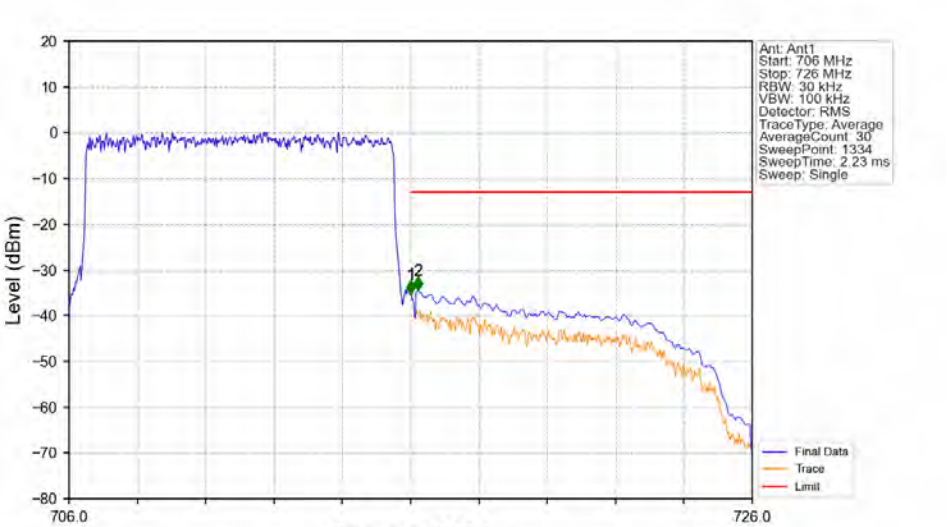


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-36.76	-13	Pass
716.1	726	0.1	CHP	2	716.218	-38.15	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-35.45	-13	Pass
716.1	726	0.1	CHP	2	716.218	-34.53	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 12 ANT31-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**
1399.0	-67.76	-13	-54.76	-70.53	2.47	5.24	Horizontal	Pass
2098.5	-67.75	-13	-54.75	-69.82	2.79	4.86	Horizontal	Pass
2798.0	-66.42	-13	-53.42	-69.78	3.12	6.48	Horizontal	Pass
1399.0	-67.58	-13	-54.58	-70.35	2.47	5.24	Vertical	Pass
2098.5	-69.96	-13	-56.96	-72.03	2.79	4.86	Vertical	Pass
2798.0	-68.9	-13	-55.9	-72.26	3.12	6.48	Vertical	Pass

LTE Band 12 ANT31-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**
1406.0	-67.37	-13	-54.37	-70.17	2.48	5.28	Horizontal	Pass
2109.0	-68.35	-13	-55.35	-70.43	2.8	4.88	Horizontal	Pass
2812.0	-67.69	-13	-54.69	-71.08	3.12	6.51	Horizontal	Pass
1406.0	-68.46	-13	-55.46	-71.26	2.48	5.28	Vertical	Pass
2109.0	-70.08	-13	-57.08	-72.16	2.8	4.88	Vertical	Pass
2812.0	-69.01	-13	-56.01	-72.4	3.12	6.51	Vertical	Pass

LTE Band 12 ANT31-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**
1413.0	-71.33	-13	-58.33	-74.17	2.49	5.33	Horizontal	Pass
2119.5	-70.47	-13	-57.47	-72.57	2.81	4.91	Horizontal	Pass
2826.0	-69.31	-13	-56.31	-72.72	3.13	6.54	Horizontal	Pass
1413.0	-70.11	-13	-57.11	-72.95	2.49	5.33	Vertical	Pass
2119.5	-70.57	-13	-57.57	-72.67	2.81	4.91	Vertical	Pass
2826.0	-69.57	-13	-56.57	-72.98	3.13	6.54	Vertical	Pass

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

---End of Attachment---