1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

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	24.18	0.20	22.23	<=34.77	Pass
			2	24.22	0.20	22.27	<=34.77	Pass
			5	24.19	0.20	22.24	<=34.77	Pass
		3	0	24.20	0.20	22.25	<=34.77	Pass
			2	24.16	0.20	22.21	<=34.77	Pass
			3	24.16	0.20	22.21	<=34.77	Pass
		6	0	23.18	0.20	21.23	<=34.77	Pass
	707.5	1	0	24.14	0.20	22.19	<=34.77	Pass
			2	24.24	0.20	22.29	<=34.77	Pass
			5	24.19	0.20	22.24	<=34.77	Pass
		3	0	24.20	0.20	22.25	<=34.77	Pass
			2	24.19	0.20	22.24	<=34.77	Pass
			3	24.22	0.20	22.27	<=34.77	Pass
		6	0	23.16	0.20	21.21	<=34.77	Pass
	715.3	1	0	24.22	0.20	22.27	<=34.77	Pass
			2	24.13	0.20	22.18	<=34.77	Pass
			5	24.27	0.20	22.32	<=34.77	Pass
		3	0	24.29	0.20	22.34	<=34.77	Pass
			2	24.30	0.20	22.35	<=34.77	Pass
			3	24.23	0.20	22.28	<=34.77	Pass
		6	0	23.32	0.20	21.37	<=34.77	Pass
16QAM	699.7	1	0	23.05	0.20	21.10	<=34.77	Pass
			2	23.11	0.20	21.16	<=34.77	Pass
			5	23.08	0.20	21.13	<=34.77	Pass
		3	0	23.18	0.20	21.23	<=34.77	Pass
			2	23.13	0.20	21.18	<=34.77	Pass
			3	23.19	0.20	21.24	<=34.77	Pass
		6	0	22.22	0.20	20.27	<=34.77	Pass
	707.5	1	0	23.24	0.20	21.29	<=34.77	Pass
			2	23.26	0.20	21.31	<=34.77	Pass
			5	23.05	0.20	21.10	<=34.77	Pass
		3	0	23.06	0.20	21.11	<=34.77	Pass
			2	23.31	0.20	21.36	<=34.77	Pass
			3	23.32	0.20	21.37	<=34.77	Pass
		6	0	22.18	0.20	20.23	<=34.77	Pass
	715.3	1	0	23.29	0.20	21.34	<=34.77	Pass
			2	23.50	0.20	21.55	<=34.77	Pass
			5	23.46	0.20	21.51	<=34.77	Pass
		3	0	23.19	0.20	21.24	<=34.77	Pass
			2	23.08	0.20	21.13	<=34.77	Pass
			3	23.22	0.20	21.27	<=34.77	Pass
		6	0	22.26	0.20	20.31	<=34.77	Pass
64QAM	699.7	1	0	21.94	0.20	19.99	<=34.77	Pass
			2	22.24	0.20	20.29	<=34.77	Pass
			5	22.20	0.20	20.25	<=34.77	Pass
		3	0	22.25	0.20	20.30	<=34.77	Pass
			2	22.19	0.20	20.24	<=34.77	Pass
			3	22.16	0.20	20.21	<=34.77	Pass
		6	0	21.16	0.20	19.21	<=34.77	Pass

	707.5	1	0	22.11	0.20	20.16	<=34.77	Pass
			2	22.27	0.20	20.32	<=34.77	Pass
			5	22.11	0.20	20.16	<=34.77	Pass
		3	0	22.15	0.20	20.20	<=34.77	Pass
			2	22.29	0.20	20.34	<=34.77	Pass
			3	22.11	0.20	20.16	<=34.77	Pass
		6	0	21.11	0.20	19.16	<=34.77	Pass
	715.3	1	0	22.05	0.20	20.10	<=34.77	Pass
			2	22.09	0.20	20.14	<=34.77	Pass
			5	22.13	0.20	20.18	<=34.77	Pass
		3	0	21.98	0.20	20.03	<=34.77	Pass
			2	22.29	0.20	20.34	<=34.77	Pass
			3	22.31	0.20	20.36	<=34.77	Pass
		6	0	21.13	0.20	19.18	<=34.77	Pass
256QAM	699.7	1	0	19.25	0.20	17.30	<=34.77	Pass
			2	19.20	0.20	17.25	<=34.77	Pass
			5	18.94	0.20	16.99	<=34.77	Pass
		3	0	19.19	0.20	17.24	<=34.77	Pass
			2	19.18	0.20	17.23	<=34.77	Pass
			3	19.16	0.20	17.21	<=34.77	Pass
		6	0	19.08	0.20	17.13	<=34.77	Pass
	707.5	1	0	19.10	0.20	17.15	<=34.77	Pass
			2	19.25	0.20	17.30	<=34.77	Pass
			5	19.21	0.20	17.26	<=34.77	Pass
		3	0	19.06	0.20	17.11	<=34.77	Pass
			2	19.25	0.20	17.30	<=34.77	Pass
			3	19.20	0.20	17.25	<=34.77	Pass
		6	0	19.10	0.20	17.15	<=34.77	Pass
	715.3	1	0	19.26	0.20	17.31	<=34.77	Pass
			2	19.16	0.20	17.21	<=34.77	Pass
			5	19.30	0.20	17.35	<=34.77	Pass
		3	0	19.21	0.20	17.26	<=34.77	Pass
			2	19.29	0.20	17.34	<=34.77	Pass
			3	19.33	0.20	17.38	<=34.77	Pass
		6	0	19.21	0.20	17.26	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B12_3MHz_ERP

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	24.35	0.20	22.40	<=34.77	Pass
			7	24.37	0.20	22.42	<=34.77	Pass
			14	24.23	0.20	22.28	<=34.77	Pass
		8	0	23.35	0.20	21.40	<=34.77	Pass
			4	23.20	0.20	21.25	<=34.77	Pass
			7	23.26	0.20	21.31	<=34.77	Pass
		15	0	23.23	0.20	21.28	<=34.77	Pass
	707.5	1	0	24.14	0.20	22.19	<=34.77	Pass
			7	24.28	0.20	22.33	<=34.77	Pass
			14	24.06	0.20	22.11	<=34.77	Pass
		8	0	22.97	0.20	21.02	<=34.77	Pass
			4	23.09	0.20	21.14	<=34.77	Pass
			7	23.07	0.20	21.12	<=34.77	Pass
		15	0	23.24	0.20	21.29	<=34.77	Pass
	714.5	1	0	24.17	0.20	22.22	<=34.77	Pass

			7	24.25	0.20	22.30	<=34.77	Pass
			14	24.21	0.20	22.26	<=34.77	Pass
		8	0	23.27	0.20	21.32	<=34.77	Pass
			4	23.24	0.20	21.29	<=34.77	Pass
			7	23.29	0.20	21.34	<=34.77	Pass
		15	0	23.31	0.20	21.36	<=34.77	Pass
16QAM	700.5	1	0	23.11	0.20	21.16	<=34.77	Pass
			7	23.15	0.20	21.20	<=34.77	Pass
			14	23.23	0.20	21.28	<=34.77	Pass
		8	0	22.32	0.20	20.37	<=34.77	Pass
			4	22.31	0.20	20.36	<=34.77	Pass
			7	22.34	0.20	20.39	<=34.77	Pass
		15	0	22.17	0.20	20.22	<=34.77	Pass
	707.5	1	0	23.08	0.20	21.13	<=34.77	Pass
			7	23.16	0.20	21.21	<=34.77	Pass
			14	23.22	0.20	21.27	<=34.77	Pass
		8	0	22.25	0.20	20.30	<=34.77	Pass
			4	22.23	0.20	20.28	<=34.77	Pass
			7	22.30	0.20	20.35	<=34.77	Pass
		15	0	22.19	0.20	20.24	<=34.77	Pass
	714.5	1	0	23.20	0.20	21.25	<=34.77	Pass
			7	23.35	0.20	21.40	<=34.77	Pass
			14	23.29	0.20	21.34	<=34.77	Pass
		8	0	22.23	0.20	20.28	<=34.77	Pass
			4	22.36	0.20	20.41	<=34.77	Pass
			7	22.33	0.20	20.38	<=34.77	Pass
		15	0	22.27	0.20	20.32	<=34.77	Pass
64QAM	700.5	1	0	22.36	0.20	20.41	<=34.77	Pass
			7	22.40	0.20	20.45	<=34.77	Pass
			14	22.25	0.20	20.30	<=34.77	Pass
		8	0	21.26	0.20	19.31	<=34.77	Pass
			4	21.28	0.20	19.33	<=34.77	Pass
			7	21.33	0.20	19.38	<=34.77	Pass
		15	0	21.18	0.20	19.23	<=34.77	Pass
	707.5	1	0	22.22	0.20	20.27	<=34.77	Pass
			7	22.28	0.20	20.33	<=34.77	Pass
			14	22.11	0.20	20.16	<=34.77	Pass
		8	0	21.02	0.20	19.07	<=34.77	Pass
			4	21.17	0.20	19.22	<=34.77	Pass
			7	21.28	0.20	19.33	<=34.77	Pass
		15	0	21.22	0.20	19.27	<=34.77	Pass
	714.5	1	0	22.31	0.20	20.36	<=34.77	Pass
			7	22.28	0.20	20.33	<=34.77	Pass
			14	22.27	0.20	20.32	<=34.77	Pass
		8	0	21.23	0.20	19.28	<=34.77	Pass
			4	21.10	0.20	19.15	<=34.77	Pass
			7	21.13	0.20	19.18	<=34.77	Pass
		15	0	21.23	0.20	19.28	<=34.77	Pass
256QAM	700.5	1	0	19.29	0.20	17.34	<=34.77	Pass
			7	19.21	0.20	17.26	<=34.77	Pass
			14	19.19	0.20	17.24	<=34.77	Pass
		8	0	19.15	0.20	17.20	<=34.77	Pass
			4	19.19	0.20	17.24	<=34.77	Pass
			7	19.34	0.20	17.39	<=34.77	Pass
		15	0	19.13	0.20	17.18	<=34.77	Pass
	707.5	1	0	19.15	0.20	17.20	<=34.77	Pass
			7	19.21	0.20	17.26	<=34.77	Pass
			14	19.05	0.20	17.10	<=34.77	Pass
		8	0	19.11	0.20	17.16	<=34.77	Pass

			4	19.06	0.20	17.11	<=34.77	Pass
			7	19.09	0.20	17.14	<=34.77	Pass
		15	0	19.17	0.20	17.22	<=34.77	Pass
	714.5	1	0	19.24	0.20	17.29	<=34.77	Pass
			7	19.25	0.20	17.30	<=34.77	Pass
			14	19.10	0.20	17.15	<=34.77	Pass
		8	0	19.19	0.20	17.24	<=34.77	Pass
			4	19.16	0.20	17.21	<=34.77	Pass
			7	19.21	0.20	17.26	<=34.77	Pass
		15	0	19.23	0.20	17.28	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

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	24.11	0.20	22.16	<=34.77	Pass
			13	24.35	0.20	22.40	<=34.77	Pass
			24	24.06	0.20	22.11	<=34.77	Pass
		12	0	23.20	0.20	21.25	<=34.77	Pass
			6	23.20	0.20	21.25	<=34.77	Pass
			13	23.29	0.20	21.34	<=34.77	Pass
		25	0	23.30	0.20	21.35	<=34.77	Pass
	707.5	1	0	24.24	0.20	22.29	<=34.77	Pass
			13	24.17	0.20	22.22	<=34.77	Pass
			24	24.08	0.20	22.13	<=34.77	Pass
		12	0	23.25	0.20	21.30	<=34.77	Pass
			6	23.25	0.20	21.30	<=34.77	Pass
			13	23.20	0.20	21.25	<=34.77	Pass
		25	0	23.18	0.20	21.23	<=34.77	Pass
	713.5	1	0	24.24	0.20	22.29	<=34.77	Pass
			13	24.25	0.20	22.30	<=34.77	Pass
			24	24.24	0.20	22.29	<=34.77	Pass
		12	0	23.20	0.20	21.25	<=34.77	Pass
			6	23.27	0.20	21.32	<=34.77	Pass
			13	23.14	0.20	21.19	<=34.77	Pass
		25	0	23.22	0.20	21.27	<=34.77	Pass
16QAM	701.5	1	0	23.07	0.20	21.12	<=34.77	Pass
			13	23.24	0.20	21.29	<=34.77	Pass
			24	23.35	0.20	21.40	<=34.77	Pass
		12	0	22.24	0.20	20.29	<=34.77	Pass
			6	22.31	0.20	20.36	<=34.77	Pass
			13	22.16	0.20	20.21	<=34.77	Pass
		25	0	22.21	0.20	20.26	<=34.77	Pass
	707.5	1	0	23.34	0.20	21.39	<=34.77	Pass
			13	23.18	0.20	21.23	<=34.77	Pass
			24	23.41	0.20	21.46	<=34.77	Pass
		12	0	22.26	0.20	20.31	<=34.77	Pass
			6	22.24	0.20	20.29	<=34.77	Pass
			13	22.26	0.20	20.31	<=34.77	Pass
		25	0	22.12	0.20	20.17	<=34.77	Pass
	713.5	1	0	23.21	0.20	21.26	<=34.77	Pass
			13	23.21	0.20	21.26	<=34.77	Pass
			24	23.00	0.20	21.05	<=34.77	Pass
		12	0	22.23	0.20	20.28	<=34.77	Pass
			6	22.20	0.20	20.25	<=34.77	Pass

			13	22.24	0.20	20.29	<=34.77	Pass
		25	0	22.12	0.20	20.17	<=34.77	Pass
64QAM	701.5	1	0	22.19	0.20	20.24	<=34.77	Pass
			13	22.37	0.20	20.42	<=34.77	Pass
			24	22.07	0.20	20.12	<=34.77	Pass
		12	0	21.25	0.20	19.30	<=34.77	Pass
			6	21.26	0.20	19.31	<=34.77	Pass
			13	21.21	0.20	19.26	<=34.77	Pass
		25	0	21.19	0.20	19.24	<=34.77	Pass
	707.5	1	0	22.40	0.20	20.45	<=34.77	Pass
			13	22.24	0.20	20.29	<=34.77	Pass
			24	22.37	0.20	20.42	<=34.77	Pass
		12	0	21.23	0.20	19.28	<=34.77	Pass
			6	21.19	0.20	19.24	<=34.77	Pass
			13	21.17	0.20	19.22	<=34.77	Pass
		25	0	21.13	0.20	19.18	<=34.77	Pass
	713.5	1	0	22.16	0.20	20.21	<=34.77	Pass
			13	22.17	0.20	20.22	<=34.77	Pass
			24	22.17	0.20	20.22	<=34.77	Pass
		12	0	21.21	0.20	19.26	<=34.77	Pass
			6	21.23	0.20	19.28	<=34.77	Pass
			13	21.11	0.20	19.16	<=34.77	Pass
		25	0	21.24	0.20	19.29	<=34.77	Pass
256QAM	701.5	1	0	19.30	0.20	17.35	<=34.77	Pass
			13	19.22	0.20	17.27	<=34.77	Pass
			24	19.28	0.20	17.33	<=34.77	Pass
		12	0	19.07	0.20	17.12	<=34.77	Pass
			6	19.22	0.20	17.27	<=34.77	Pass
			13	19.18	0.20	17.23	<=34.77	Pass
		25	0	19.20	0.20	17.25	<=34.77	Pass
	707.5	1	0	19.24	0.20	17.29	<=34.77	Pass
			13	19.01	0.20	17.06	<=34.77	Pass
			24	19.25	0.20	17.30	<=34.77	Pass
		12	0	19.15	0.20	17.20	<=34.77	Pass
			6	19.04	0.20	17.09	<=34.77	Pass
			13	19.05	0.20	17.10	<=34.77	Pass
		25	0	19.13	0.20	17.18	<=34.77	Pass
	713.5	1	0	19.07	0.20	17.12	<=34.77	Pass
			13	19.18	0.20	17.23	<=34.77	Pass
			24	19.20	0.20	17.25	<=34.77	Pass
		12	0	19.14	0.20	17.19	<=34.77	Pass
			6	19.11	0.20	17.16	<=34.77	Pass
			13	18.98	0.20	17.03	<=34.77	Pass
		25	0	19.08	0.20	17.13	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B12_10MHz_ERP

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	24.23	0.20	22.28	<=34.77	Pass
			25	24.13	0.20	22.18	<=34.77	Pass
			49	24.15	0.20	22.20	<=34.77	Pass
		25	0	23.04	0.20	21.09	<=34.77	Pass
			13	23.26	0.20	21.31	<=34.77	Pass
			25	23.23	0.20	21.28	<=34.77	Pass

		50	0	23.06	0.20	21.11	<=34.77	Pass
	707.5	1	0	24.16	0.20	22.21	<=34.77	Pass
			25	24.28	0.20	22.33	<=34.77	Pass
			49	24.14	0.20	22.19	<=34.77	Pass
		25	0	23.13	0.20	21.18	<=34.77	Pass
			13	23.15	0.20	21.20	<=34.77	Pass
			25	23.08	0.20	21.13	<=34.77	Pass
		50	0	23.22	0.20	21.27	<=34.77	Pass
	711	1	0	24.06	0.20	22.11	<=34.77	Pass
			25	24.21	0.20	22.26	<=34.77	Pass
			49	24.17	0.20	22.22	<=34.77	Pass
		25	0	23.28	0.20	21.33	<=34.77	Pass
			13	23.27	0.20	21.32	<=34.77	Pass
			25	23.21	0.20	21.26	<=34.77	Pass
		50	0	23.30	0.20	21.35	<=34.77	Pass
16QAM	704	1	0	23.39	0.20	21.44	<=34.77	Pass
			25	23.37	0.20	21.42	<=34.77	Pass
			49	23.34	0.20	21.39	<=34.77	Pass
		25	0	22.07	0.20	20.12	<=34.77	Pass
			13	22.25	0.20	20.30	<=34.77	Pass
			25	22.19	0.20	20.24	<=34.77	Pass
		50	0	22.09	0.20	20.14	<=34.77	Pass
	707.5	1	0	23.49	0.20	21.54	<=34.77	Pass
			25	23.43	0.20	21.48	<=34.77	Pass
			49	23.37	0.20	21.42	<=34.77	Pass
		25	0	22.11	0.20	20.16	<=34.77	Pass
			13	22.08	0.20	20.13	<=34.77	Pass
			25	22.03	0.20	20.08	<=34.77	Pass
		50	0	22.02	0.20	20.07	<=34.77	Pass
	711	1	0	23.32	0.20	21.37	<=34.77	Pass
			25	23.36	0.20	21.41	<=34.77	Pass
			49	23.51	0.20	21.56	<=34.77	Pass
		25	0	22.29	0.20	20.34	<=34.77	Pass
			13	22.10	0.20	20.15	<=34.77	Pass
			25	22.00	0.20	20.05	<=34.77	Pass
		50	0	22.18	0.20	20.23	<=34.77	Pass
64QAM	704	1	0	22.29	0.20	20.34	<=34.77	Pass
			25	22.18	0.20	20.23	<=34.77	Pass
			49	22.21	0.20	20.26	<=34.77	Pass
		25	0	21.04	0.20	19.09	<=34.77	Pass
			13	21.15	0.20	19.20	<=34.77	Pass
			25	21.17	0.20	19.22	<=34.77	Pass
		50	0	21.09	0.20	19.14	<=34.77	Pass
	707.5	1	0	22.33	0.20	20.38	<=34.77	Pass
			25	22.19	0.20	20.24	<=34.77	Pass
			49	22.08	0.20	20.13	<=34.77	Pass
		25	0	21.04	0.20	19.09	<=34.77	Pass
			13	21.22	0.20	19.27	<=34.77	Pass
			25	21.08	0.20	19.13	<=34.77	Pass
		50	0	21.10	0.20	19.15	<=34.77	Pass
	711	1	0	22.27	0.20	20.32	<=34.77	Pass
			25	22.25	0.20	20.30	<=34.77	Pass
			49	22.38	0.20	20.43	<=34.77	Pass
		25	0	21.22	0.20	19.27	<=34.77	Pass
			13	21.16	0.20	19.21	<=34.77	Pass
			25	21.06	0.20	19.11	<=34.77	Pass
		50	0	21.14	0.20	19.19	<=34.77	Pass
256QAM	704	1	0	19.30	0.20	17.35	<=34.77	Pass
			25	19.07	0.20	17.12	<=34.77	Pass

			49	19.30	0.20	17.35	<=34.77	Pass
		25	0	18.92	0.20	16.97	<=34.77	Pass
			13	19.07	0.20	17.12	<=34.77	Pass
			25	19.08	0.20	17.13	<=34.77	Pass
		50	0	19.05	0.20	17.10	<=34.77	Pass
	707.5	1	0	19.18	0.20	17.23	<=34.77	Pass
			25	19.20	0.20	17.25	<=34.77	Pass
			49	19.10	0.20	17.15	<=34.77	Pass
		25	0	19.06	0.20	17.11	<=34.77	Pass
			13	19.06	0.20	17.11	<=34.77	Pass
			25	19.06	0.20	17.11	<=34.77	Pass
		50	0	18.97	0.20	17.02	<=34.77	Pass
	711	1	0	19.06	0.20	17.11	<=34.77	Pass
			25	19.25	0.20	17.30	<=34.77	Pass
			49	19.29	0.20	17.34	<=34.77	Pass
		25	0	19.26	0.20	17.31	<=34.77	Pass
			13	19.08	0.20	17.13	<=34.77	Pass
			25	19.07	0.20	17.12	<=34.77	Pass
		50	0	19.12	0.20	17.17	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	707.5	6	0	20	3.27	-11.318	-0.0160	-2.5 to 2.5	Pass
					3.85	-1.303	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.280	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.647	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.744	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-1.505	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.255	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-2.223	-0.0031	-2.5 to 2.5	Pass
				30	3.85	0.076	0.0001	-2.5 to 2.5	Pass
				40	3.85	-6.287	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-4.180	-0.0059	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	707.5	15	0	20	3.27	-6.730	-0.0095	-2.5 to 2.5	Pass
					3.85	-3.998	-0.0057	-2.5 to 2.5	Pass
					4.43	-3.170	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-1.870	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.091	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.640	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-5.506	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-3.786	-0.0054	-2.5 to 2.5	Pass

				30	3.85	-1.625	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-4.638	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-2.083	-0.0029	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	707.5	25	0	20	3.27	-10.842	-0.0153	-2.5 to 2.5	Pass
					3.85	-3.161	-0.0045	-2.5 to 2.5	Pass
					4.43	-2.648	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.608	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-1.209	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.596	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.671	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.445	-0.0006	-2.5 to 2.5	Pass
				30	3.85	1.822	0.0026	-2.5 to 2.5	Pass
				40	3.85	0.982	0.0014	-2.5 to 2.5	Pass
				50	3.85	0.946	0.0013	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

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	707.5	50	0	20	3.27	-6.110	-0.0086	-2.5 to 2.5	Pass
					3.85	-1.248	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.613	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-3.025	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-1.600	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-0.338	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.595	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.262	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-2.794	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.558	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-0.988	-0.0014	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

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	1.127	/	Pass
		707.5	6	0	1.118	/	Pass
		715.3	6	0	1.115	/	Pass
	16QAM	699.7	6	0	1.118	/	Pass
		707.5	6	0	1.116	/	Pass
		715.3	6	0	1.119	/	Pass

	64QAM	699.7	6	0	1.117	/	Pass
		707.5	6	0	1.113	/	Pass
		715.3	6	0	1.121	/	Pass
	256QAM	699.7	6	0	1.118	/	Pass
		707.5	6	0	1.104	/	Pass
		715.3	6	0	1.107	/	Pass
3	QPSK	700.5	15	0	2.752	/	Pass
		707.5	15	0	2.728	/	Pass
		714.5	15	0	2.732	/	Pass
	16QAM	700.5	15	0	2.737	/	Pass
		707.5	15	0	2.742	/	Pass
		714.5	15	0	2.730	/	Pass
	64QAM	700.5	15	0	2.736	/	Pass
		707.5	15	0	2.741	/	Pass
		714.5	15	0	2.735	/	Pass
	256QAM	700.5	15	0	2.731	/	Pass
		707.5	15	0	2.740	/	Pass
		714.5	15	0	2.725	/	Pass
5	QPSK	701.5	25	0	4.545	/	Pass
		707.5	25	0	4.548	/	Pass
		713.5	25	0	4.531	/	Pass
	16QAM	701.5	25	0	4.541	/	Pass
		707.5	25	0	4.538	/	Pass
		713.5	25	0	4.543	/	Pass
	64QAM	701.5	25	0	4.545	/	Pass
		707.5	25	0	4.542	/	Pass
		713.5	25	0	4.541	/	Pass
	256QAM	701.5	25	0	4.550	/	Pass
		707.5	25	0	4.541	/	Pass
		713.5	25	0	4.546	/	Pass
10	QPSK	704	50	0	9.037	/	Pass
		707.5	50	0	9.062	/	Pass
		711	50	0	9.038	/	Pass
	16QAM	704	50	0	9.033	/	Pass
		707.5	50	0	9.034	/	Pass
		711	50	0	9.039	/	Pass
	64QAM	704	50	0	9.033	/	Pass
		707.5	50	0	9.048	/	Pass
		711	50	0	9.042	/	Pass
	256QAM	704	50	0	9.014	/	Pass
		707.5	50	0	9.037	/	Pass
		711	50	0	9.055	/	Pass

3.1.2 Band12_XDB

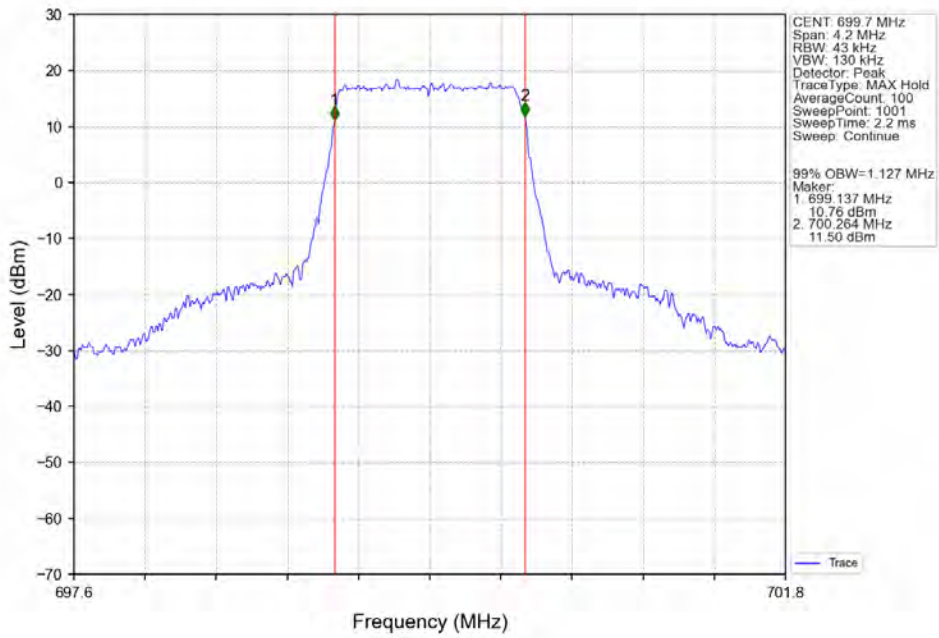
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.344	/	Pass
		707.5	6	0	1.341	/	Pass
		715.3	6	0	1.356	/	Pass
	16QAM	699.7	6	0	1.345	/	Pass
		707.5	6	0	1.332	/	Pass
		715.3	6	0	1.352	/	Pass
	64QAM	699.7	6	0	1.352	/	Pass
		707.5	6	0	1.338	/	Pass
		715.3	6	0	1.346	/	Pass

	256QAM	699.7	6	0	1.325	/	Pass
		707.5	6	0	1.330	/	Pass
		715.3	6	0	1.319	/	Pass
3	QPSK	700.5	15	0	3.009	/	Pass
		707.5	15	0	3.011	/	Pass
		714.5	15	0	3.019	/	Pass
	16QAM	700.5	15	0	3.015	/	Pass
		707.5	15	0	3.025	/	Pass
		714.5	15	0	3.017	/	Pass
	64QAM	700.5	15	0	3.029	/	Pass
		707.5	15	0	3.013	/	Pass
		714.5	15	0	3.004	/	Pass
	256QAM	700.5	15	0	3.046	/	Pass
		707.5	15	0	3.039	/	Pass
		714.5	15	0	3.021	/	Pass
5	QPSK	701.5	25	0	5.035	/	Pass
		707.5	25	0	5.063	/	Pass
		713.5	25	0	5.032	/	Pass
	16QAM	701.5	25	0	5.096	/	Pass
		707.5	25	0	5.079	/	Pass
		713.5	25	0	5.034	/	Pass
	64QAM	701.5	25	0	5.042	/	Pass
		707.5	25	0	5.075	/	Pass
		713.5	25	0	5.176	/	Pass
	256QAM	701.5	25	0	5.044	/	Pass
		707.5	25	0	5.071	/	Pass
		713.5	25	0	5.034	/	Pass
10	QPSK	704	50	0	9.999	/	Pass
		707.5	50	0	9.944	/	Pass
		711	50	0	9.912	/	Pass
	16QAM	704	50	0	10.010	/	Pass
		707.5	50	0	9.903	/	Pass
		711	50	0	9.973	/	Pass
	64QAM	704	50	0	9.926	/	Pass
		707.5	50	0	10.094	/	Pass
		711	50	0	10.004	/	Pass
	256QAM	704	50	0	9.963	/	Pass
		707.5	50	0	9.934	/	Pass
		711	50	0	9.992	/	Pass

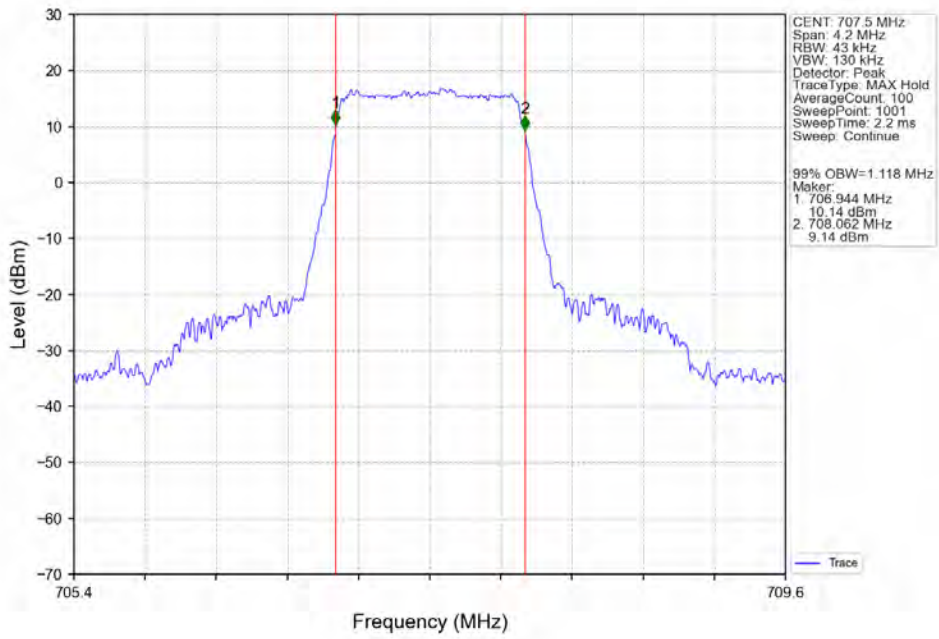
3.2 Test Graph

3.2.1 Band12_OBW

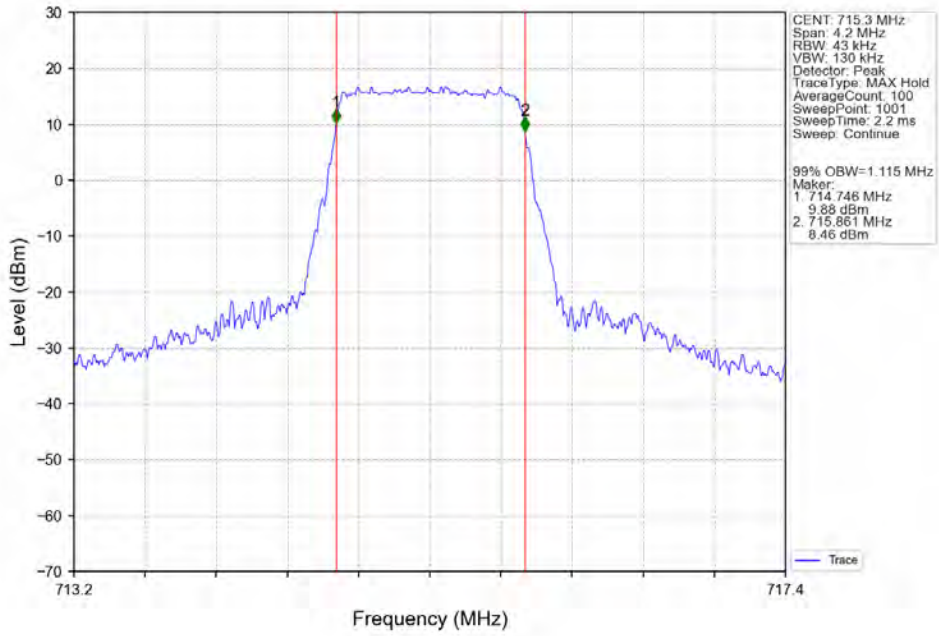
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



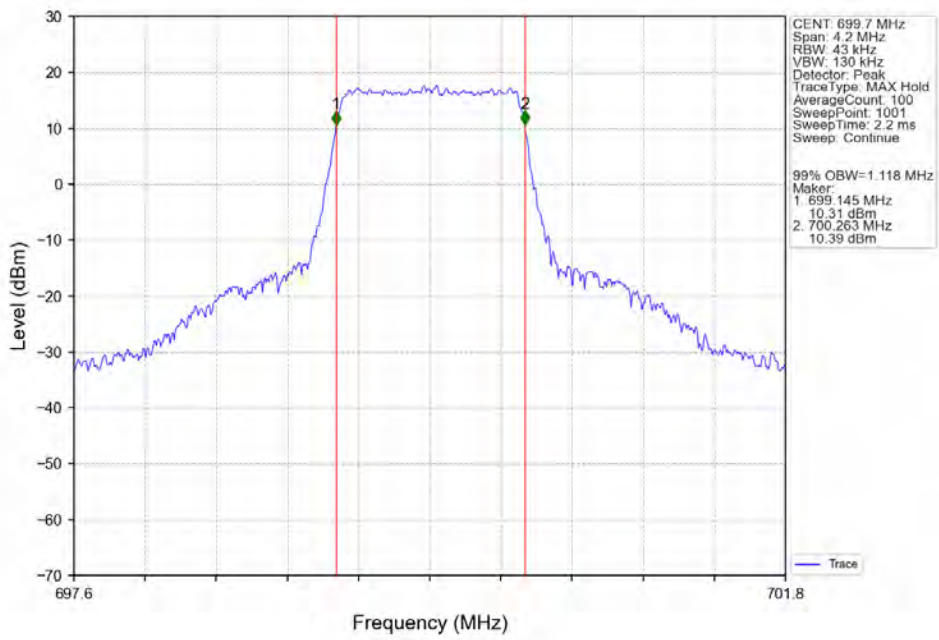
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



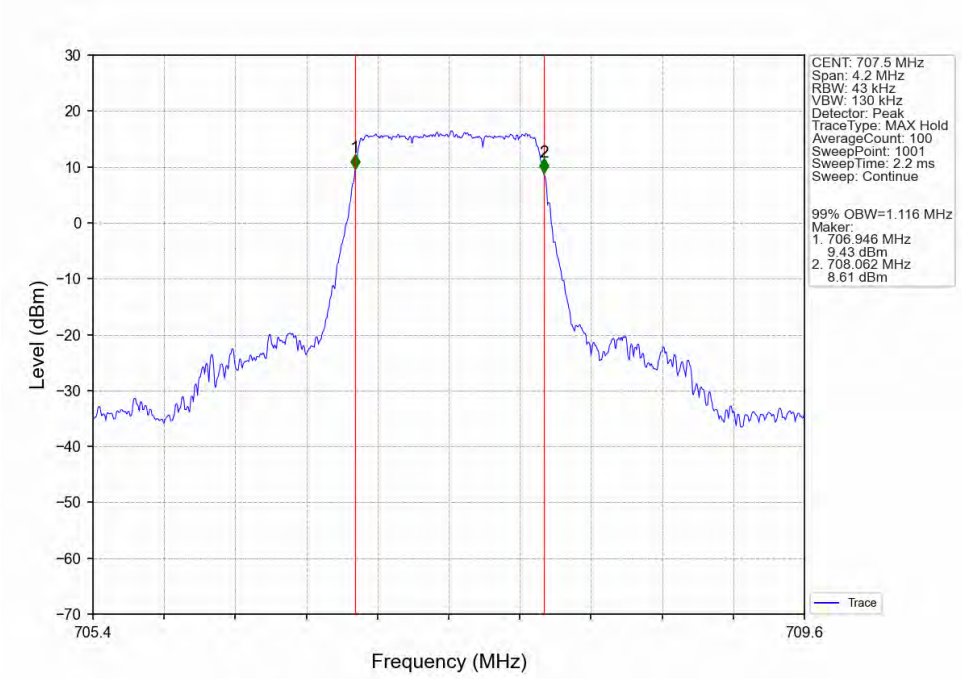
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



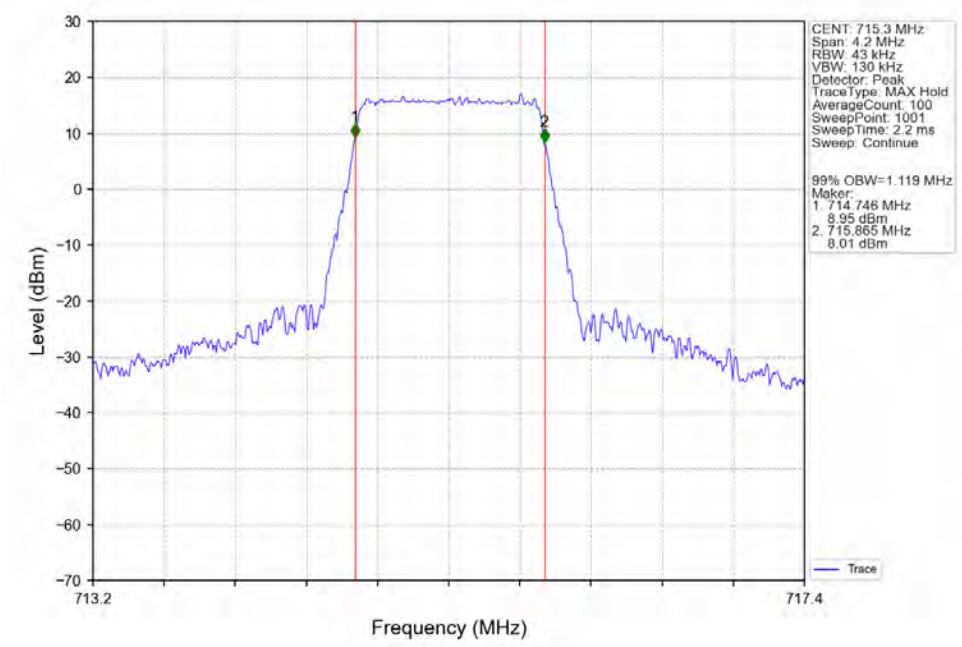
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



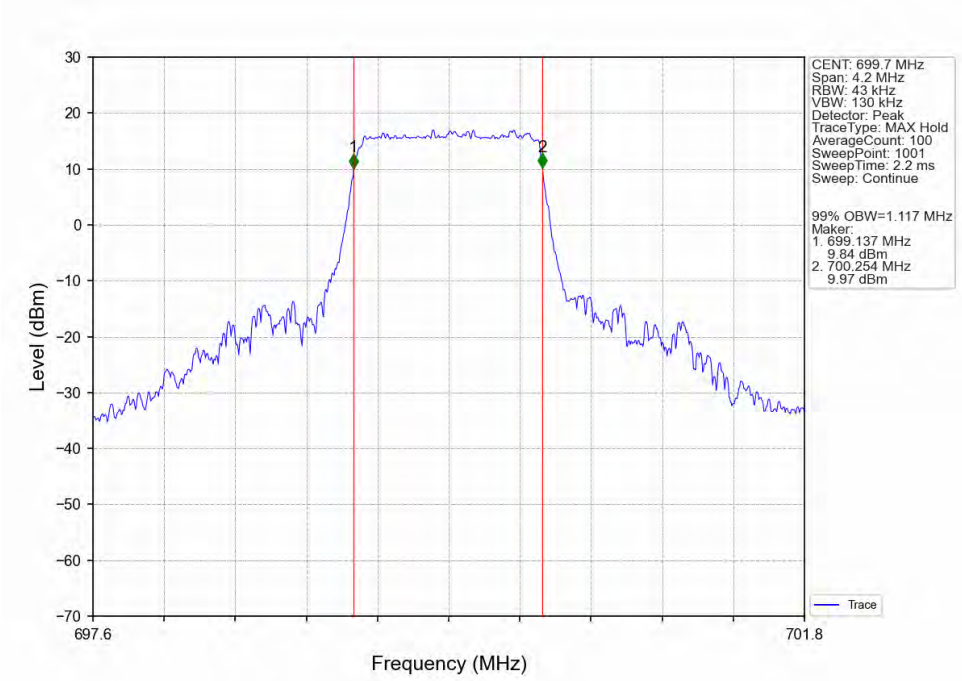
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



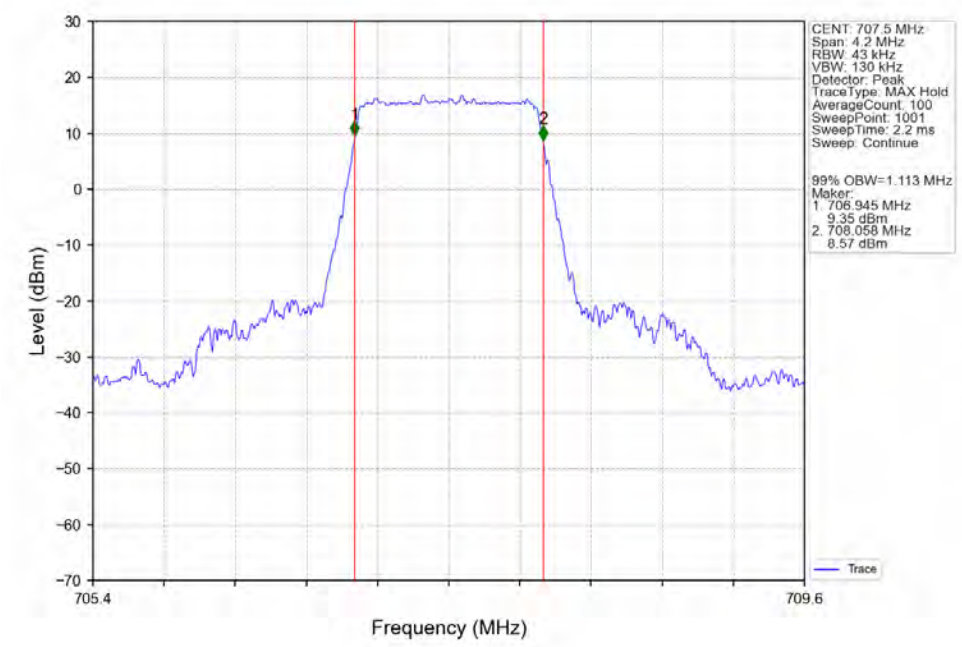
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



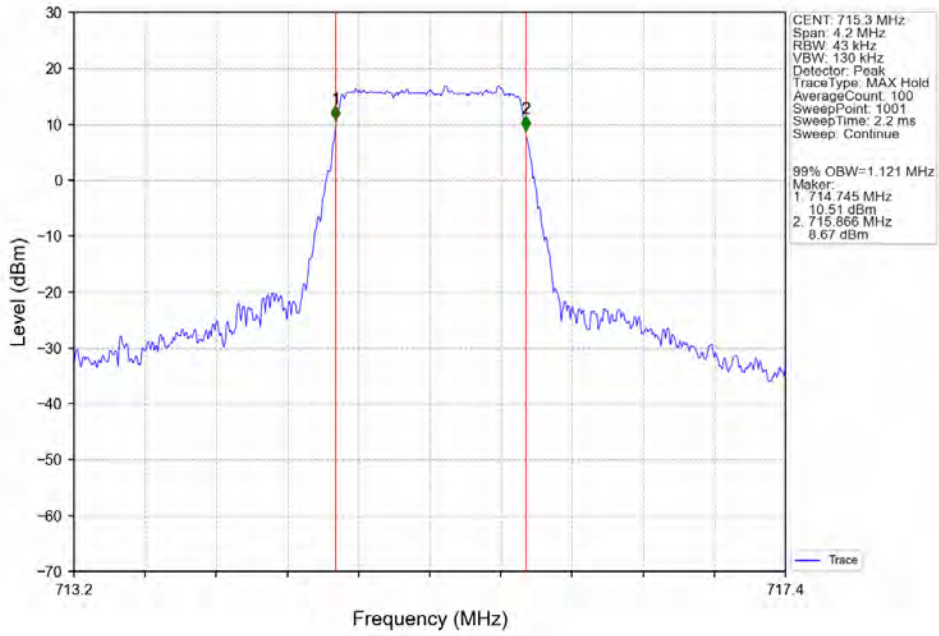
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



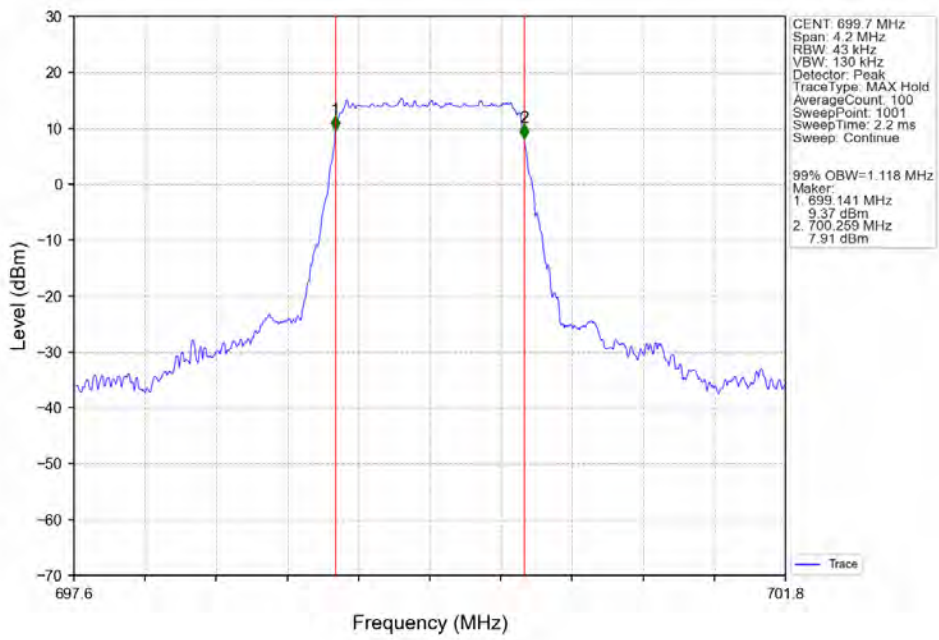
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



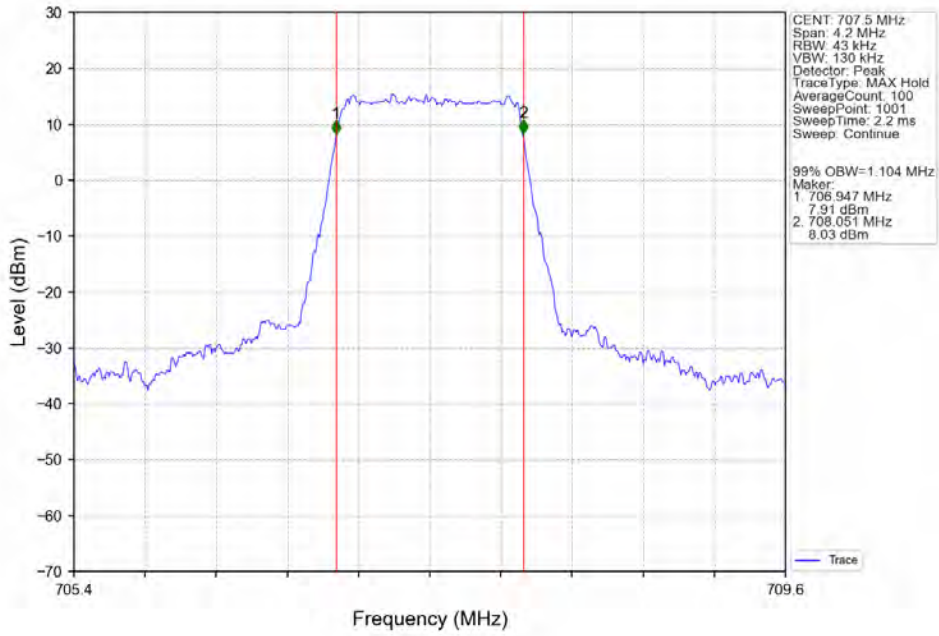
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



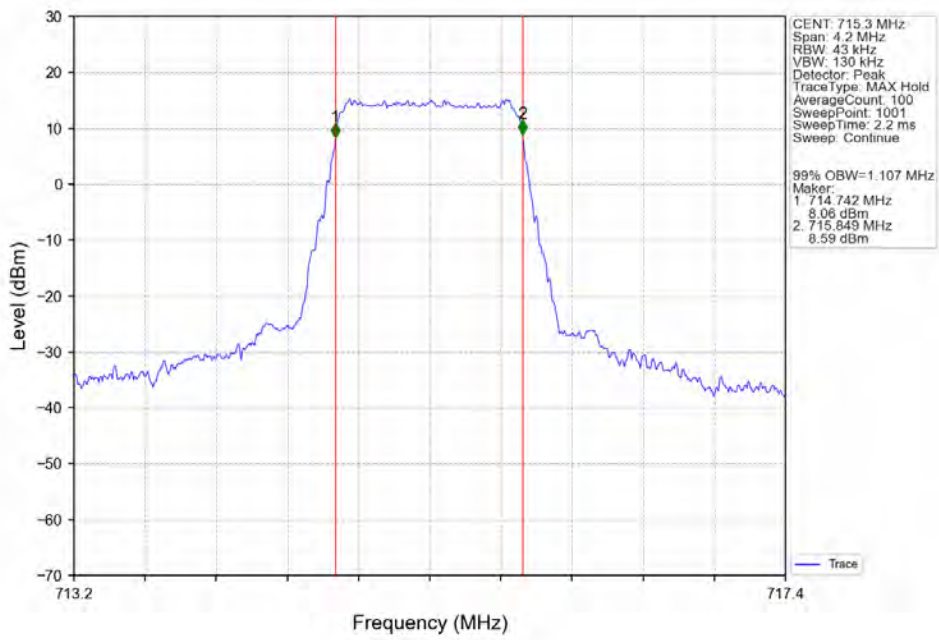
Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV



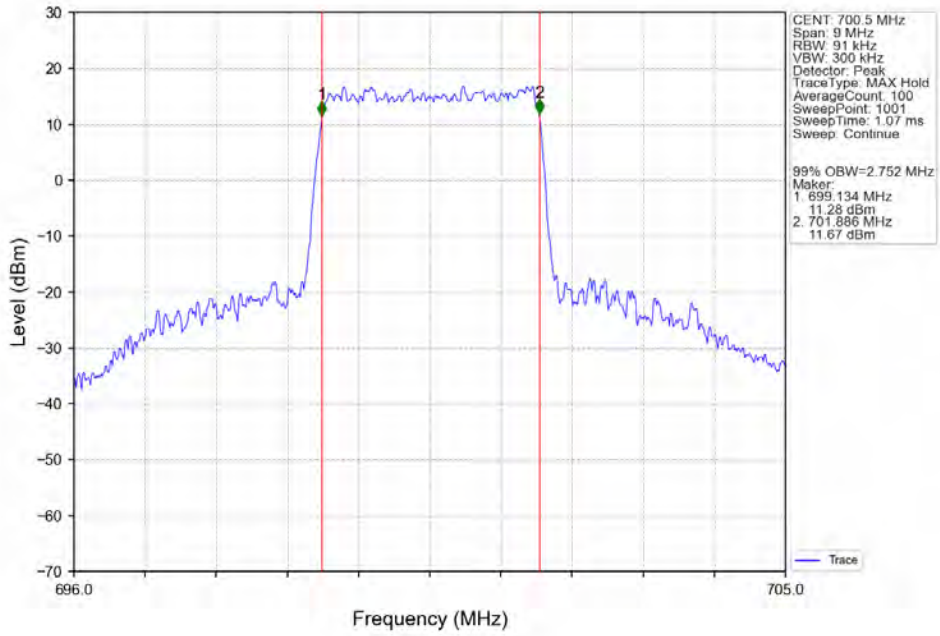
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



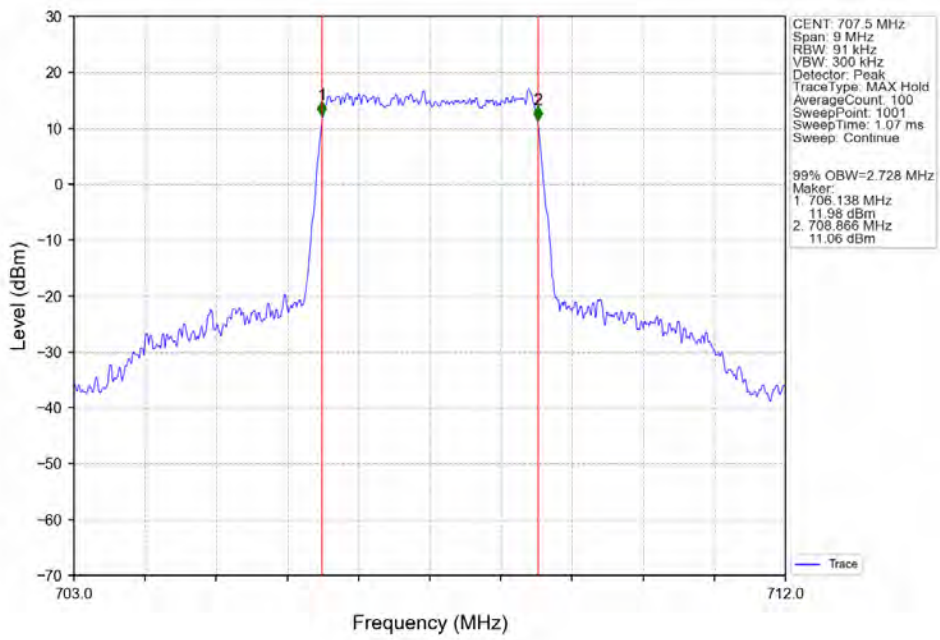
Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV



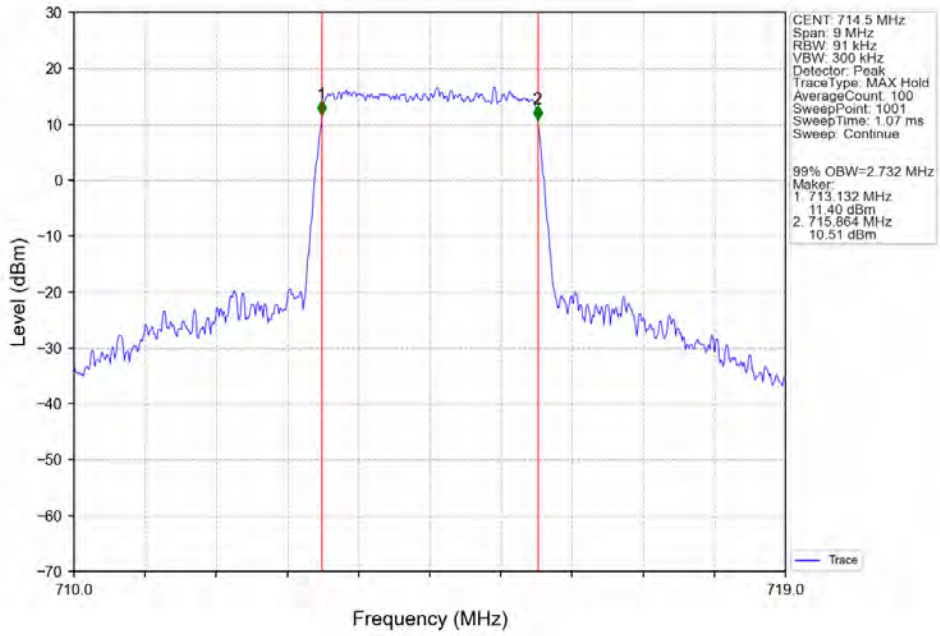
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



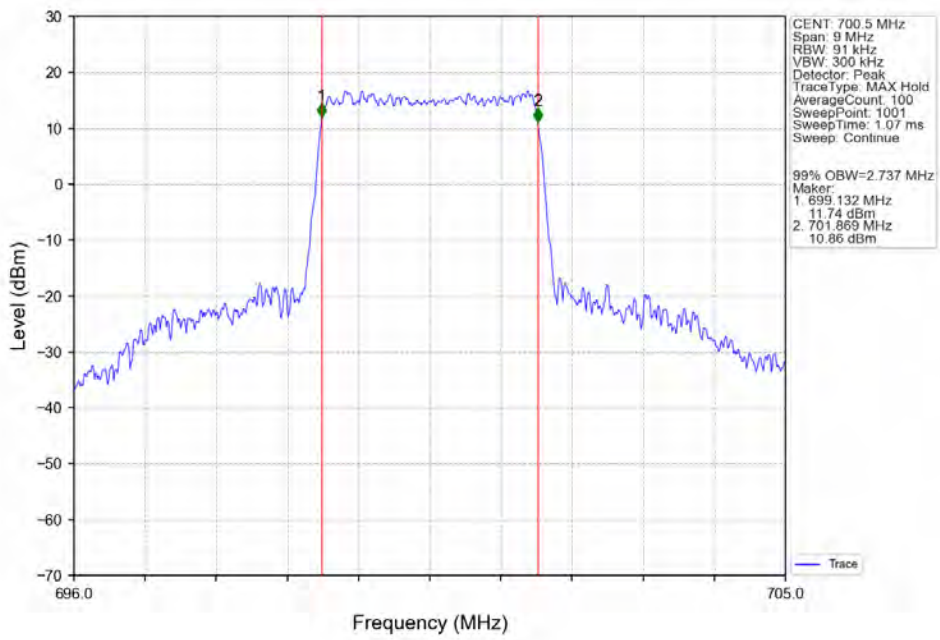
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



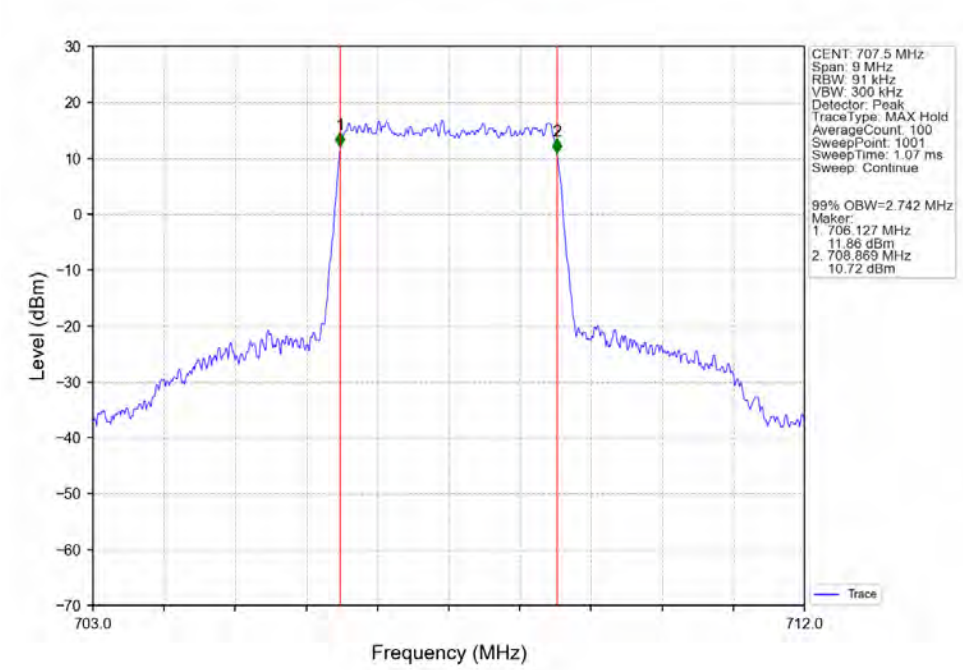
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



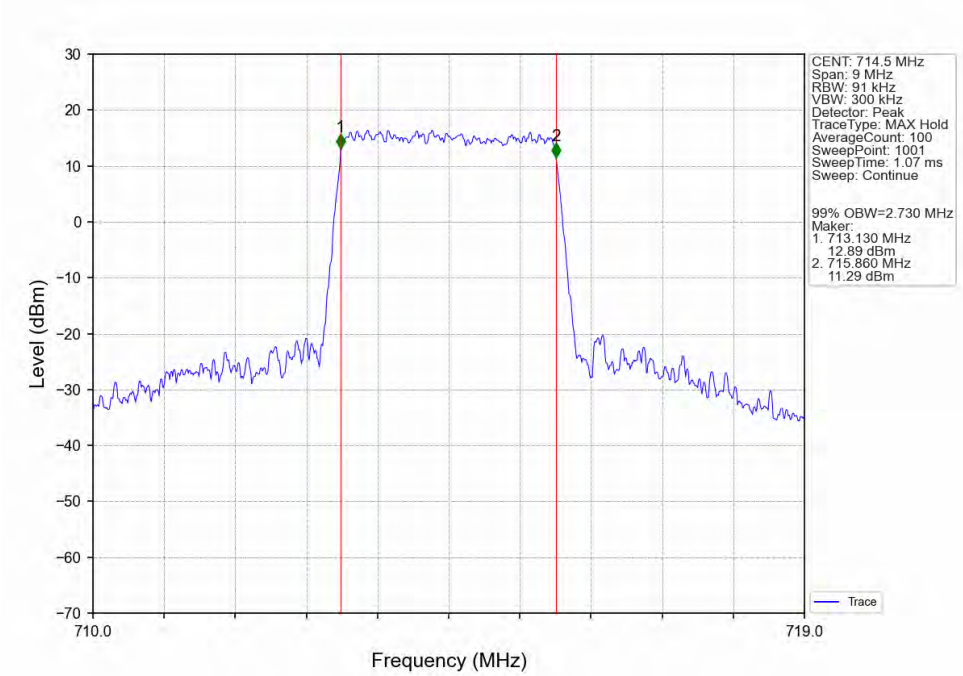
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



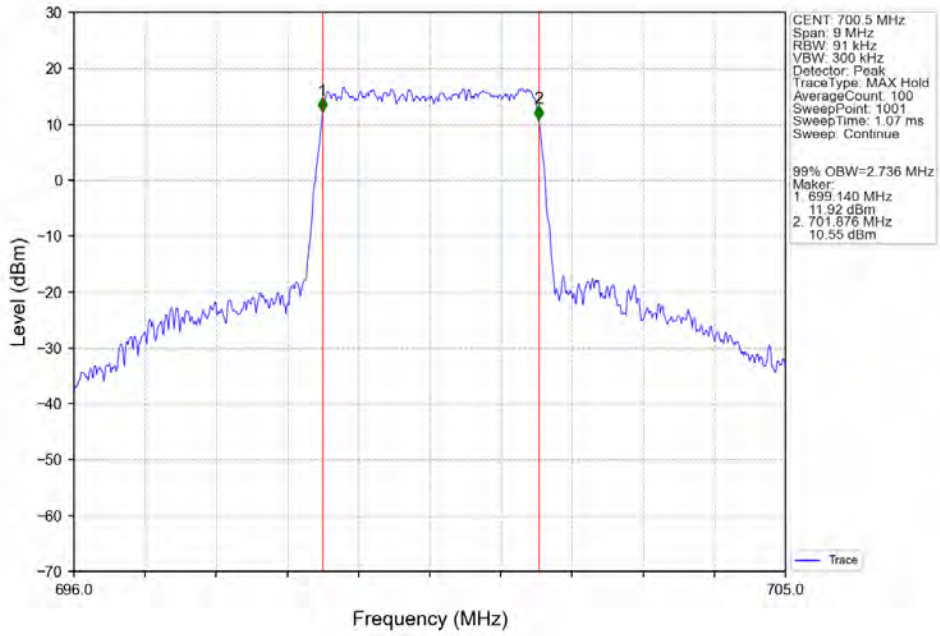
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



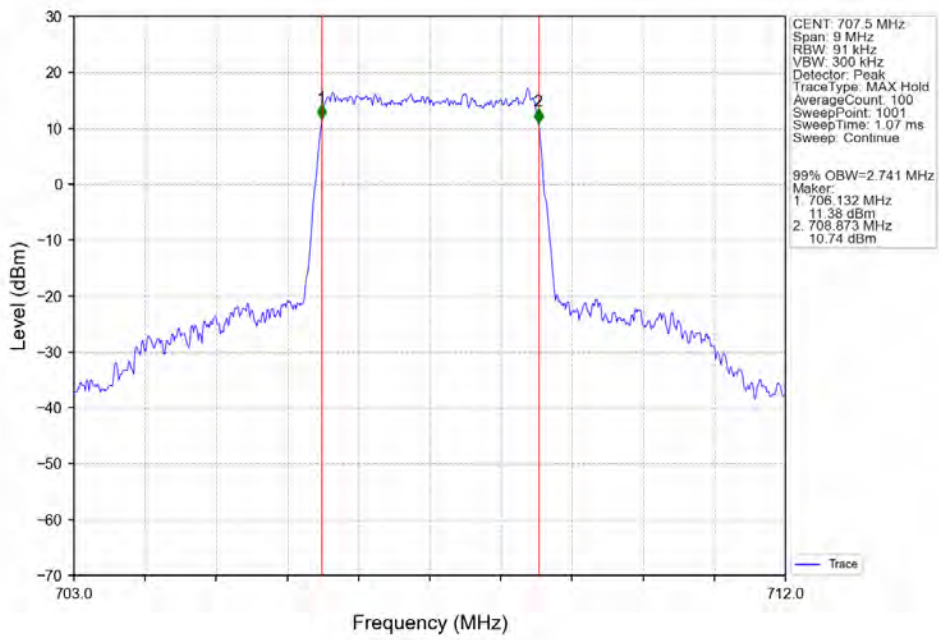
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



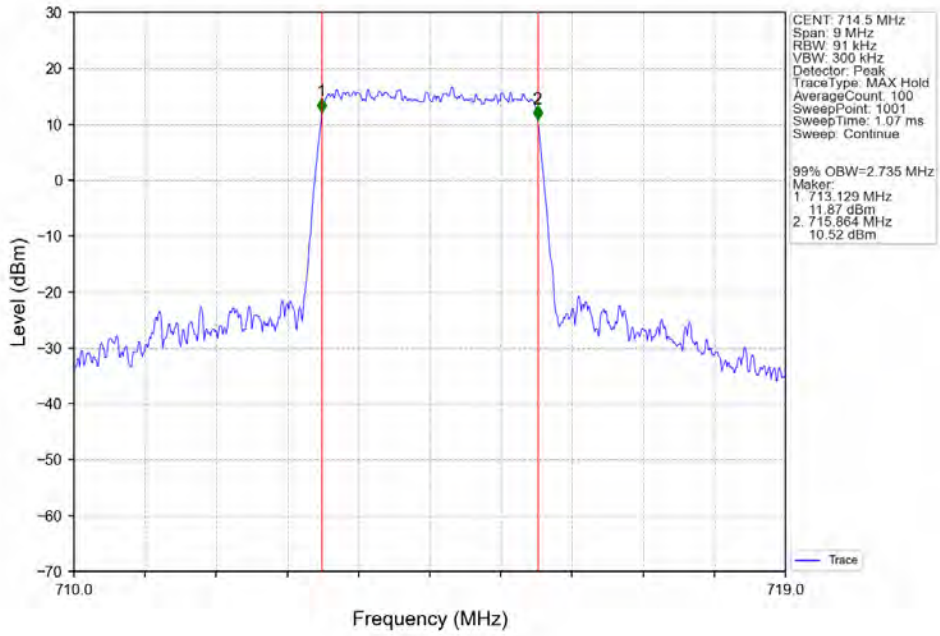
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



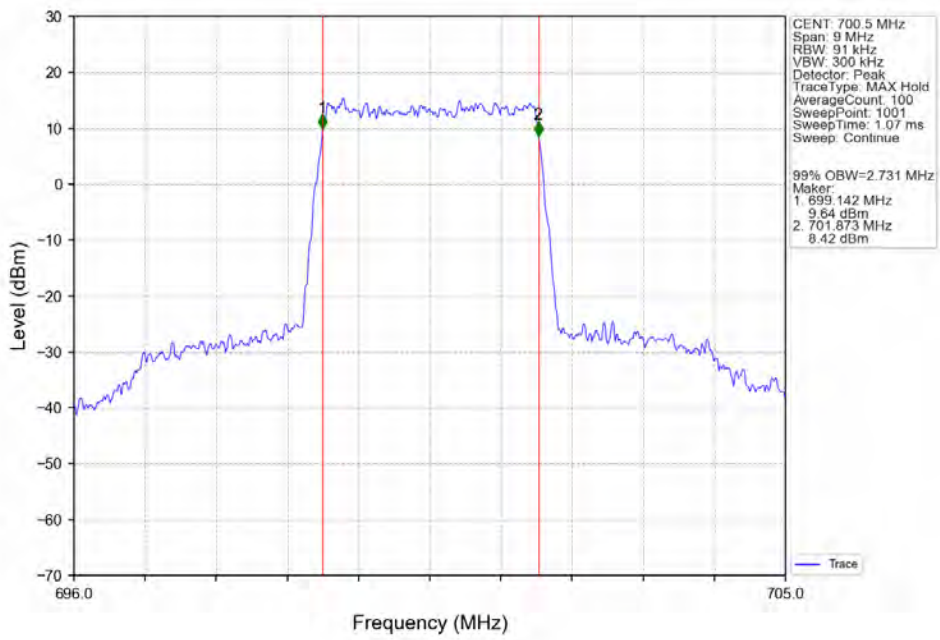
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



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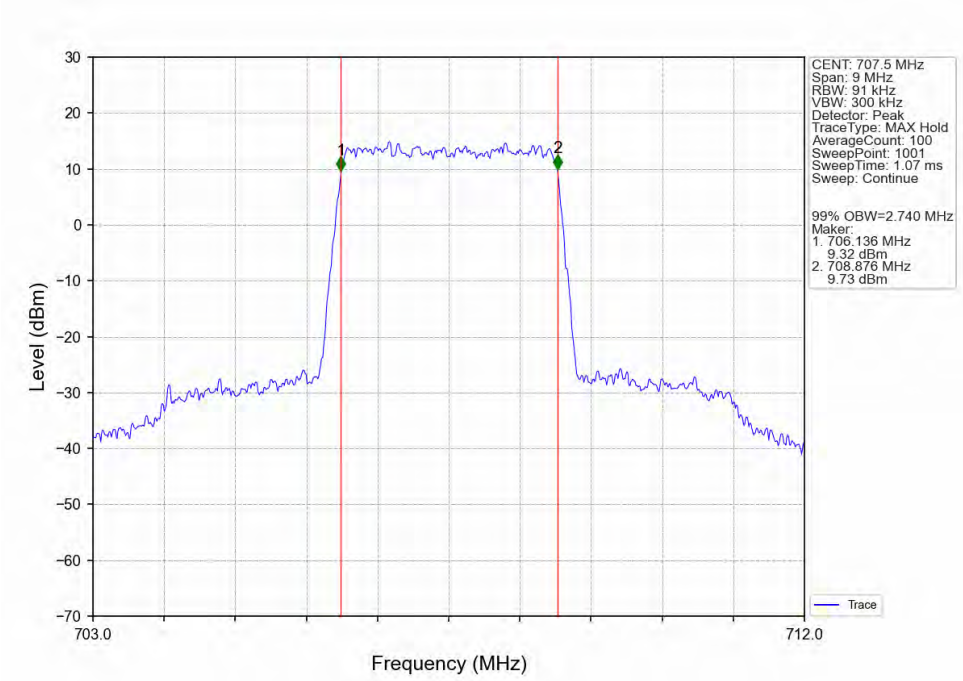

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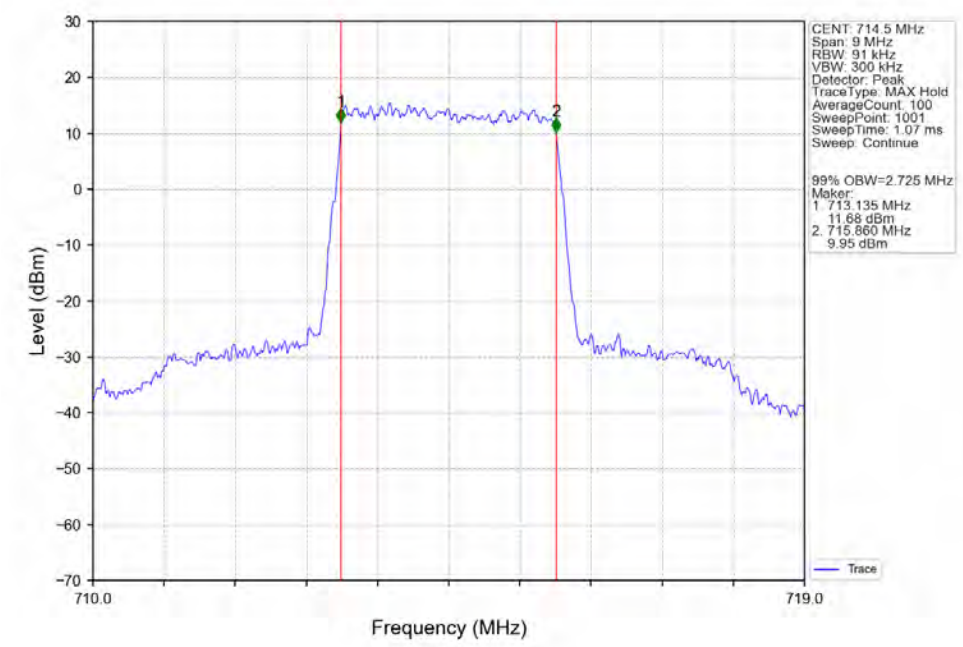
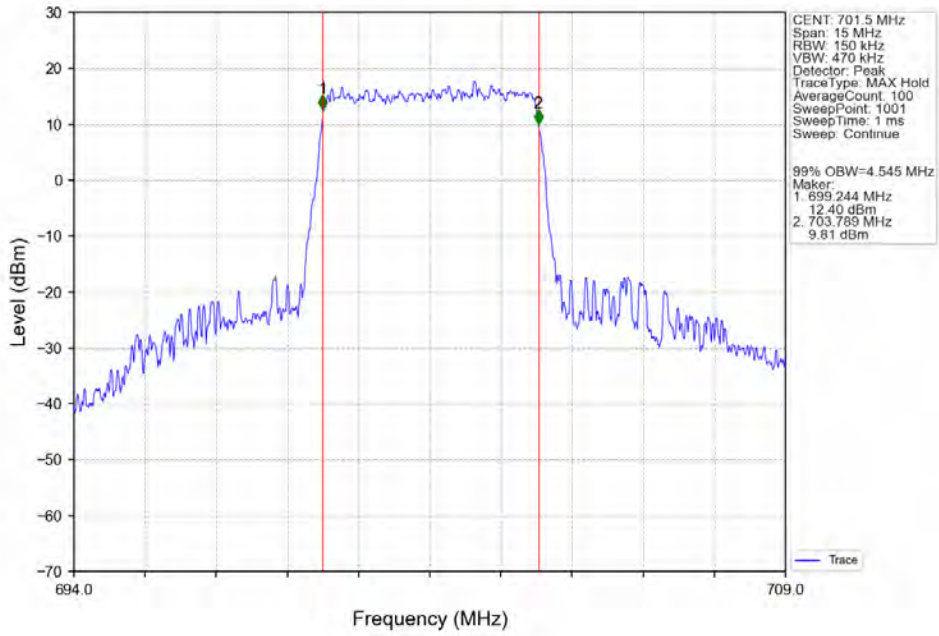


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



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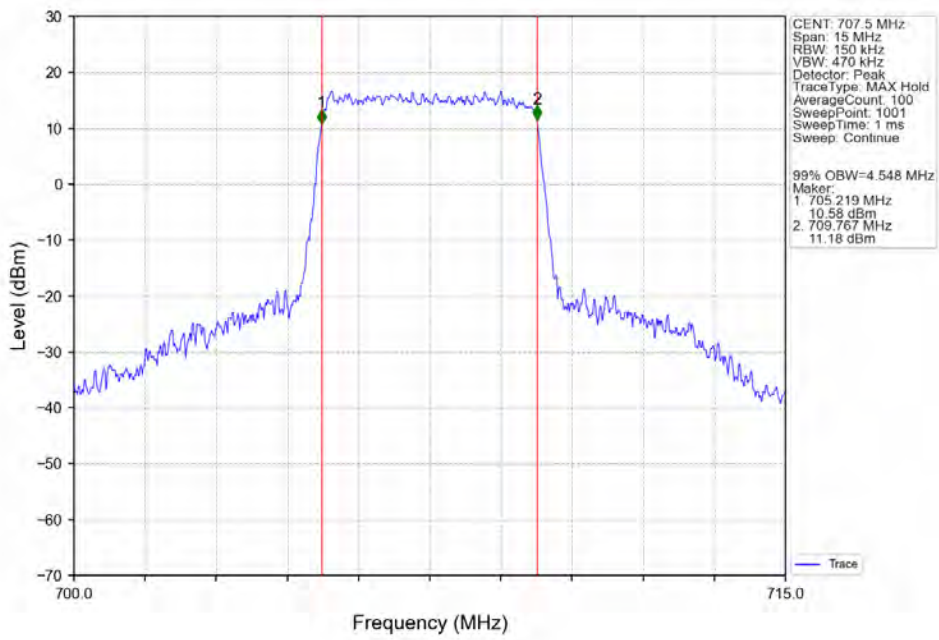

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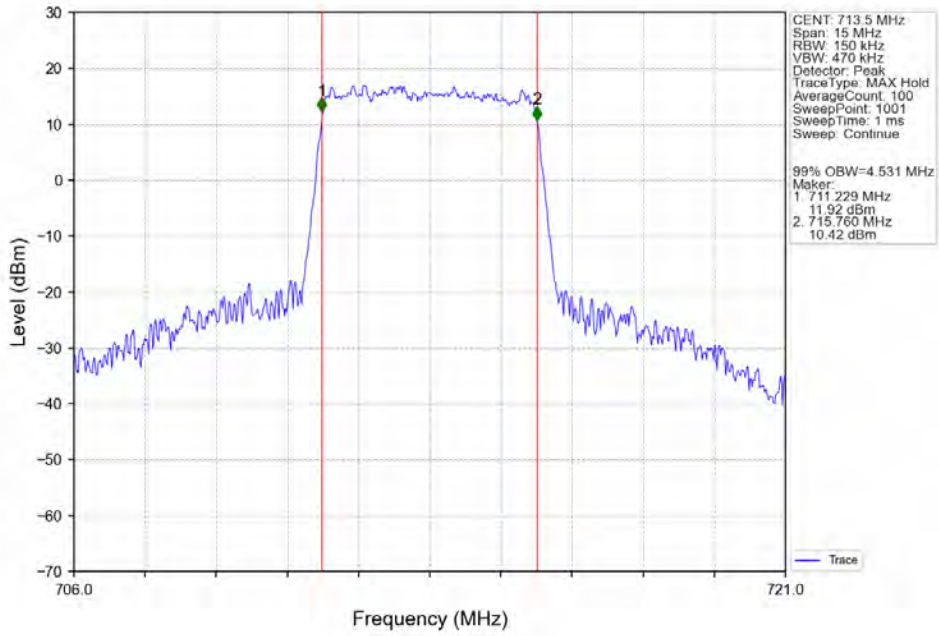
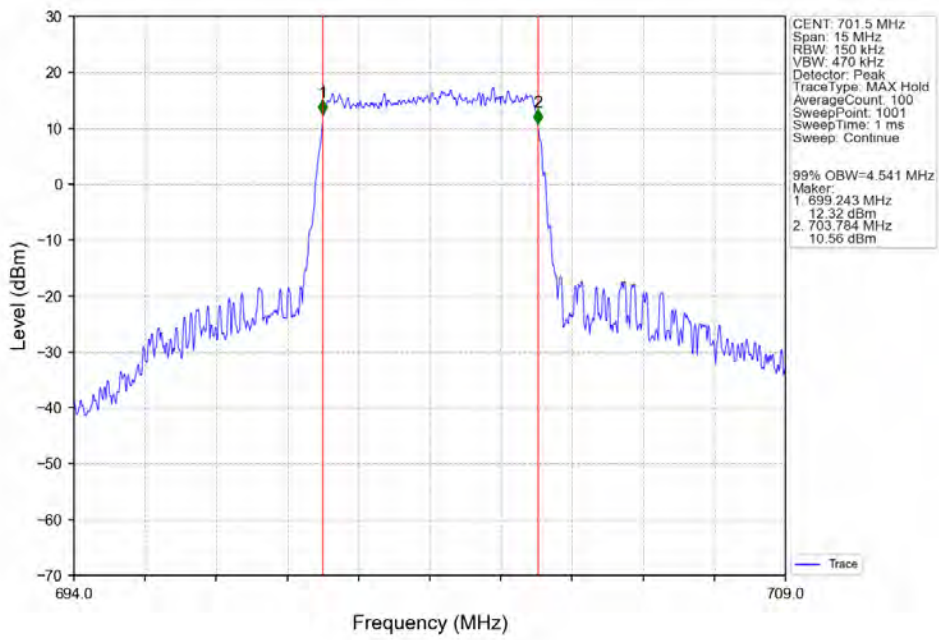
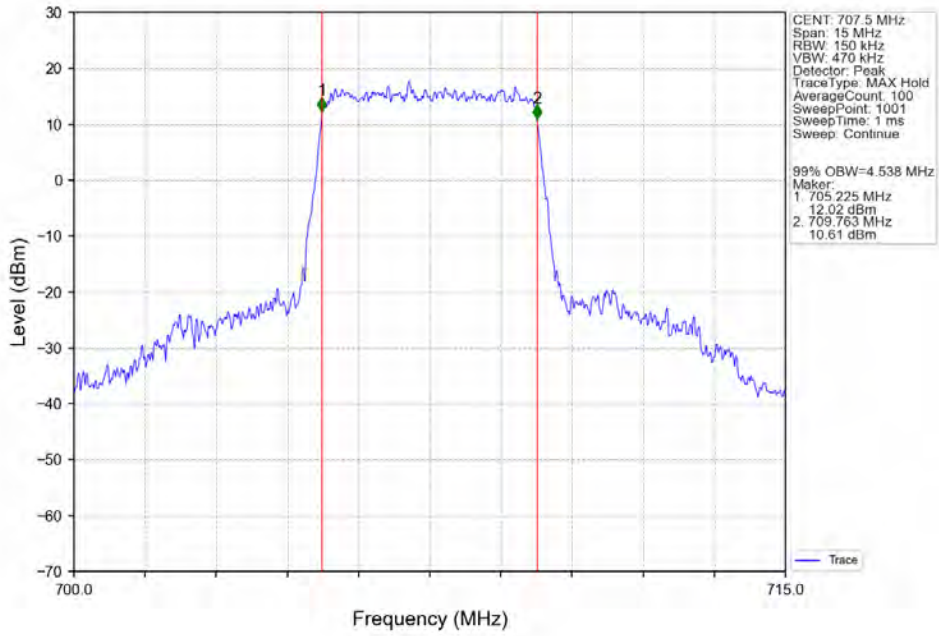


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



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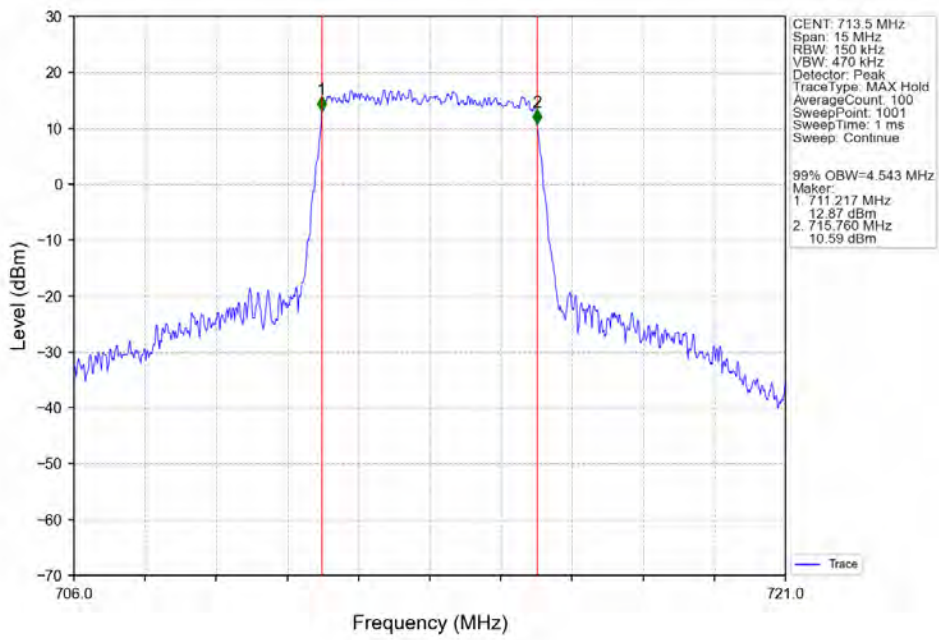
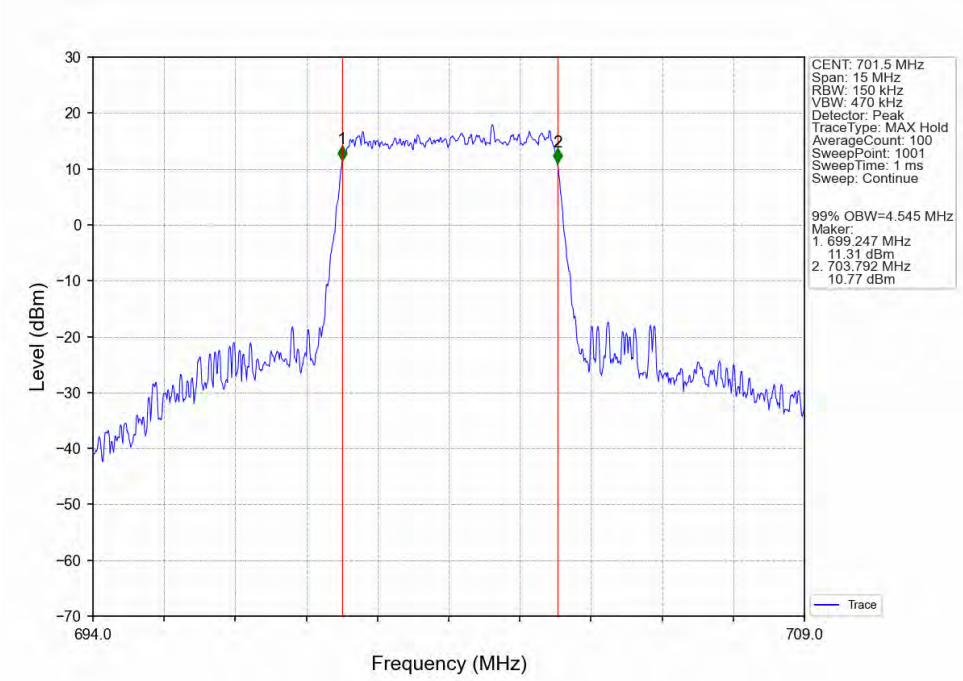
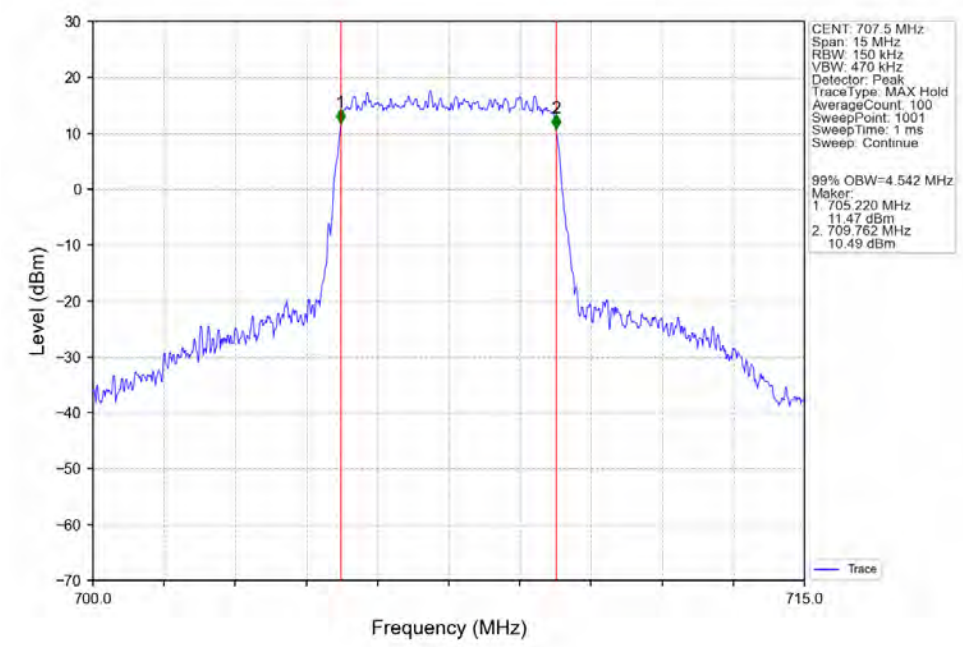


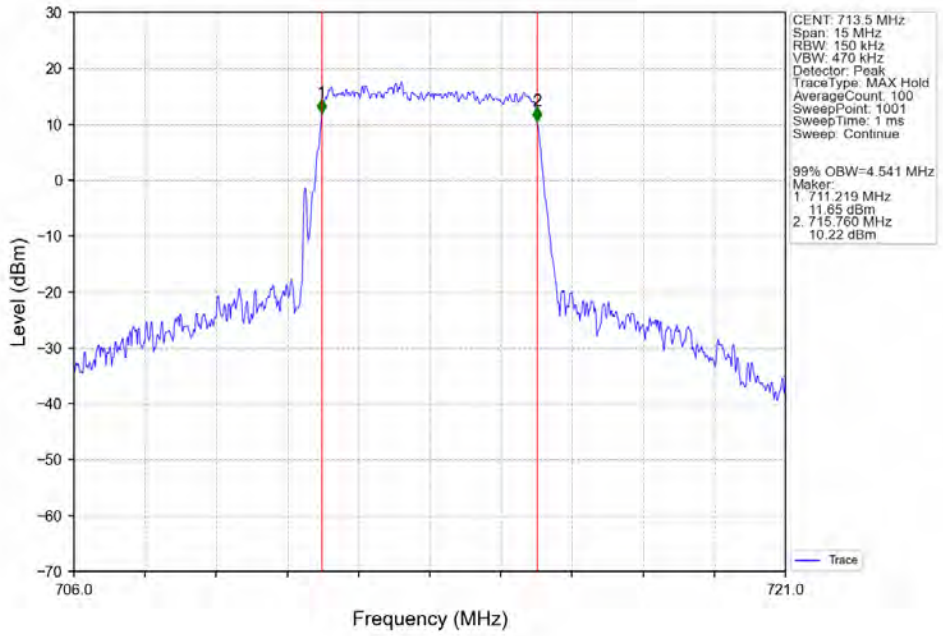
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



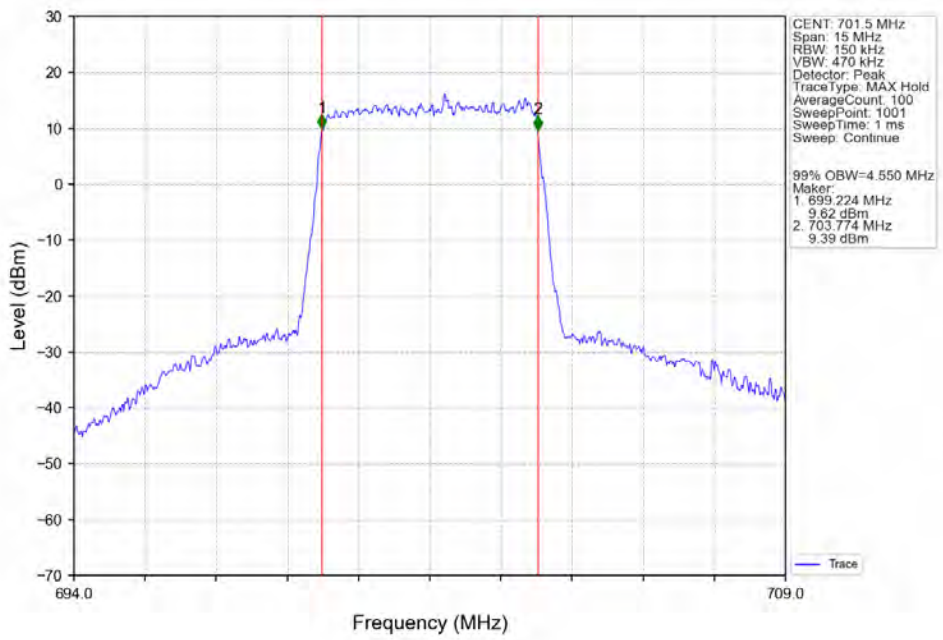
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



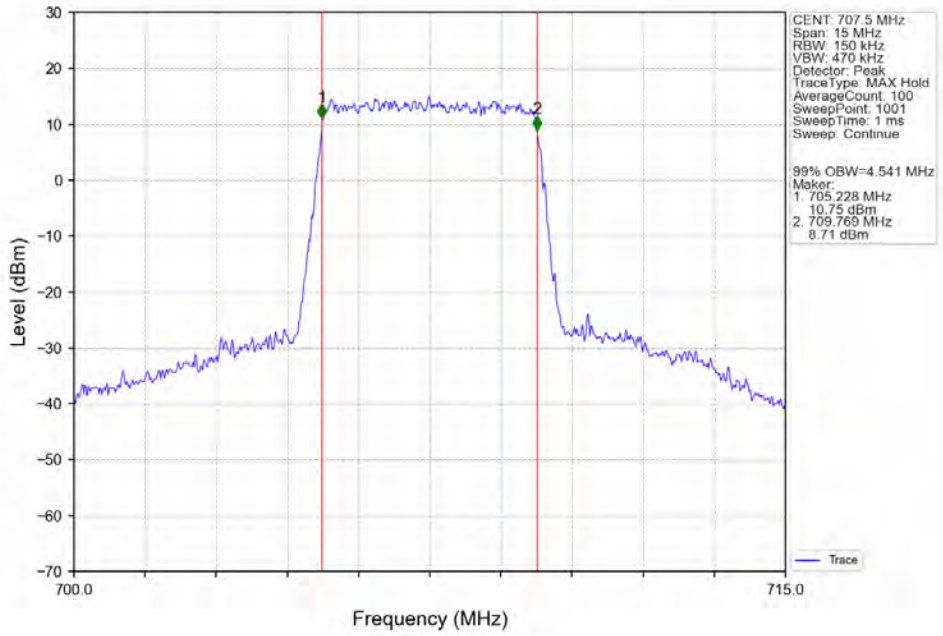
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



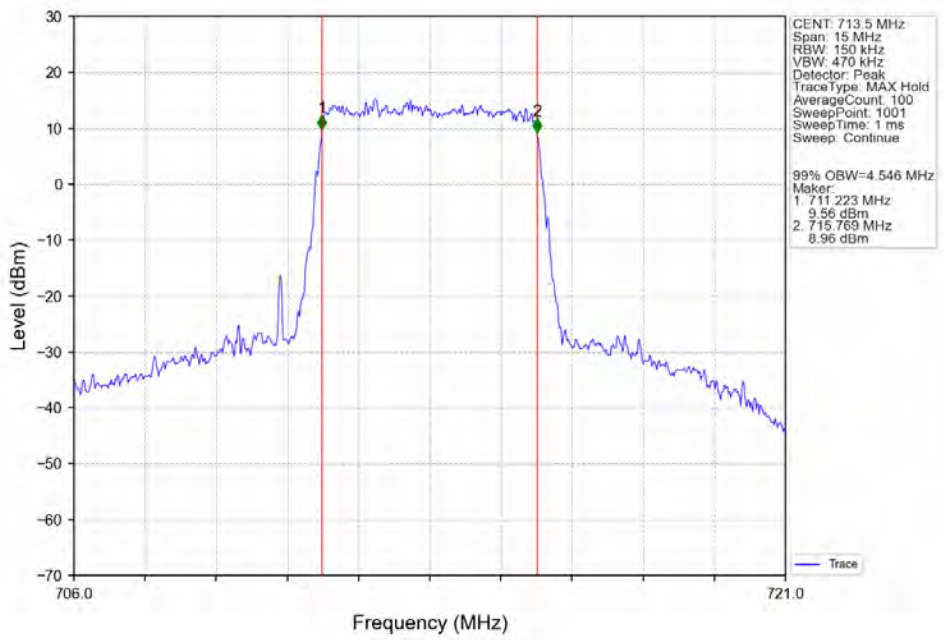
Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



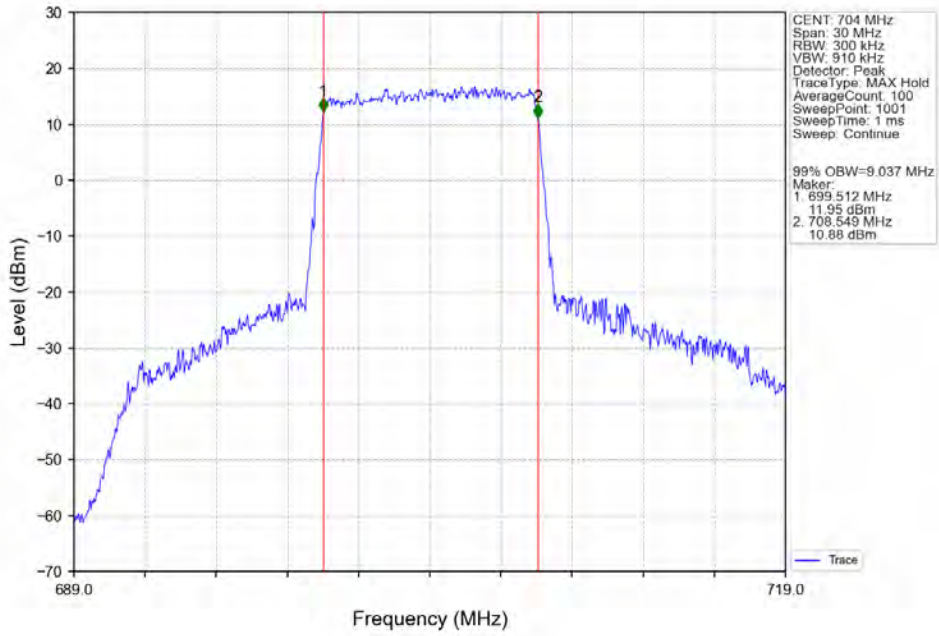
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



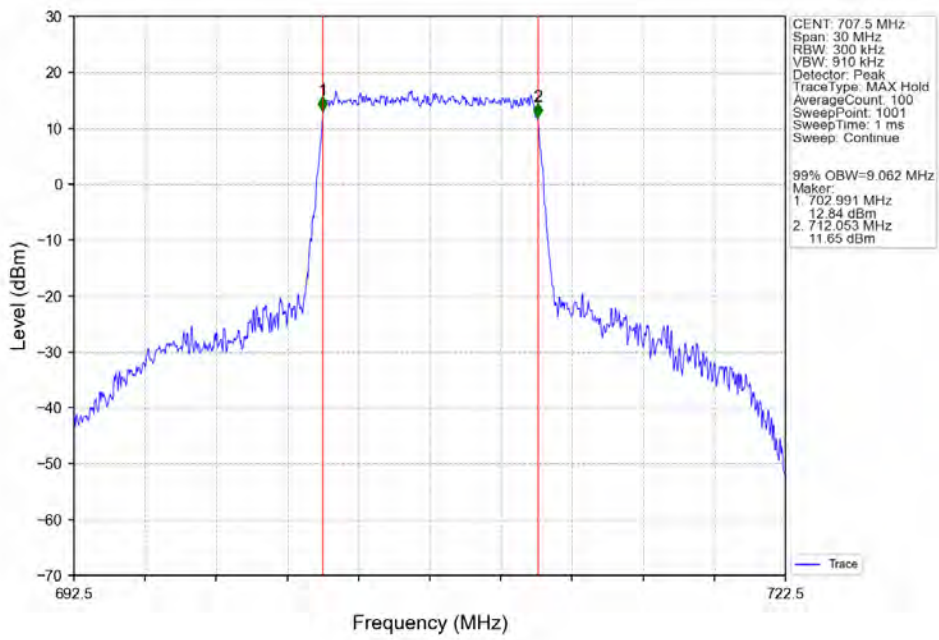
Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



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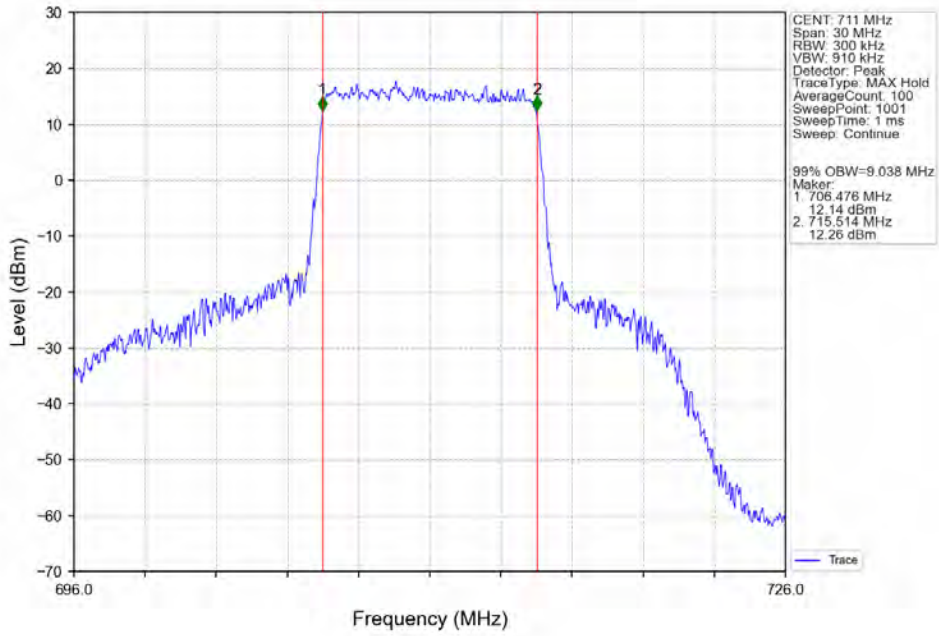
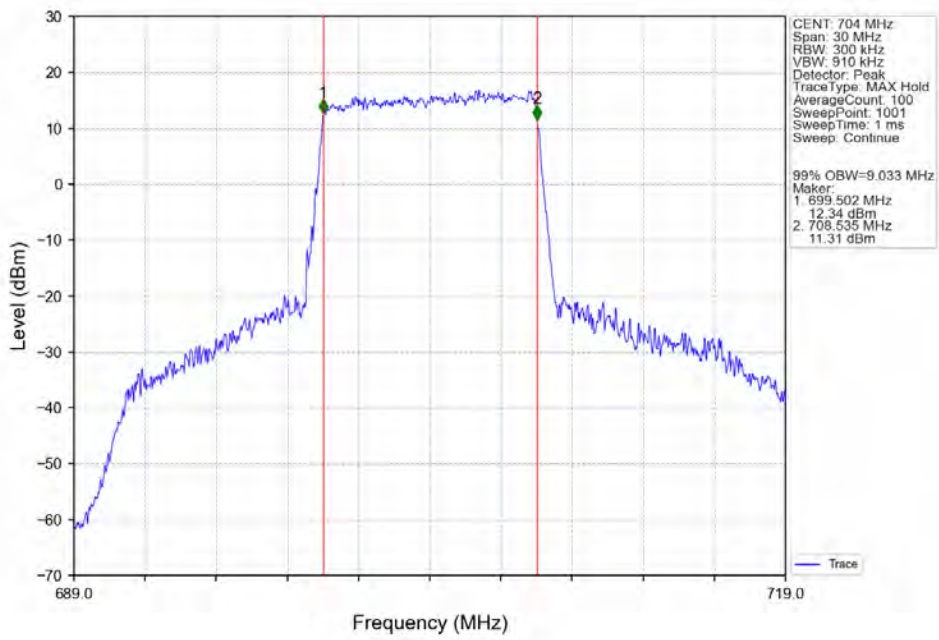
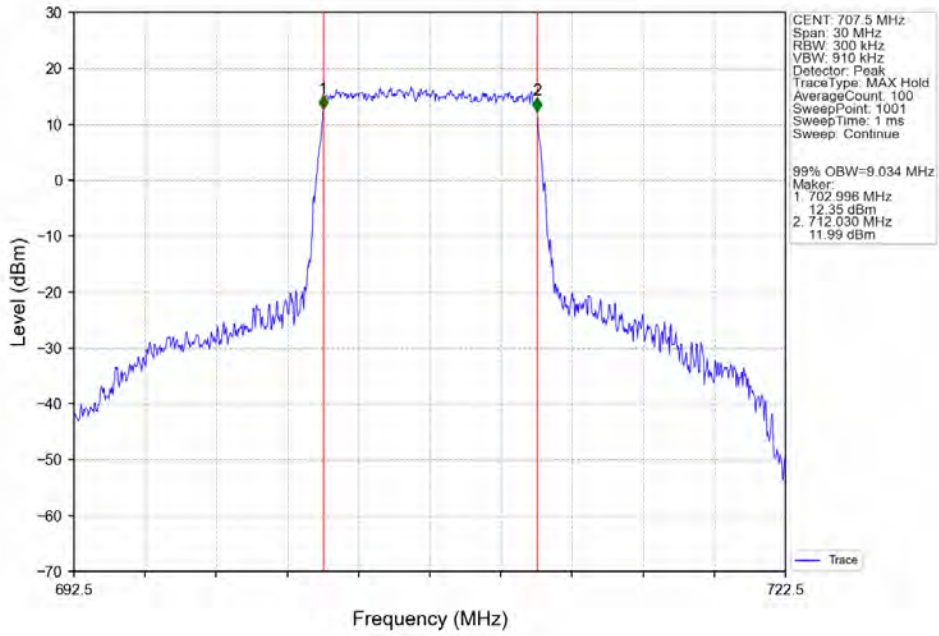


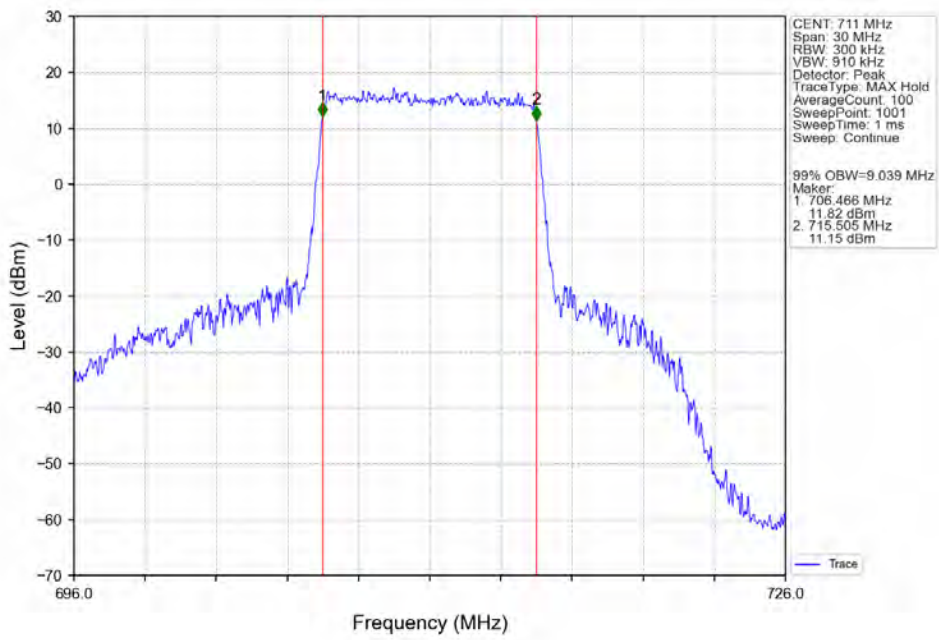
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



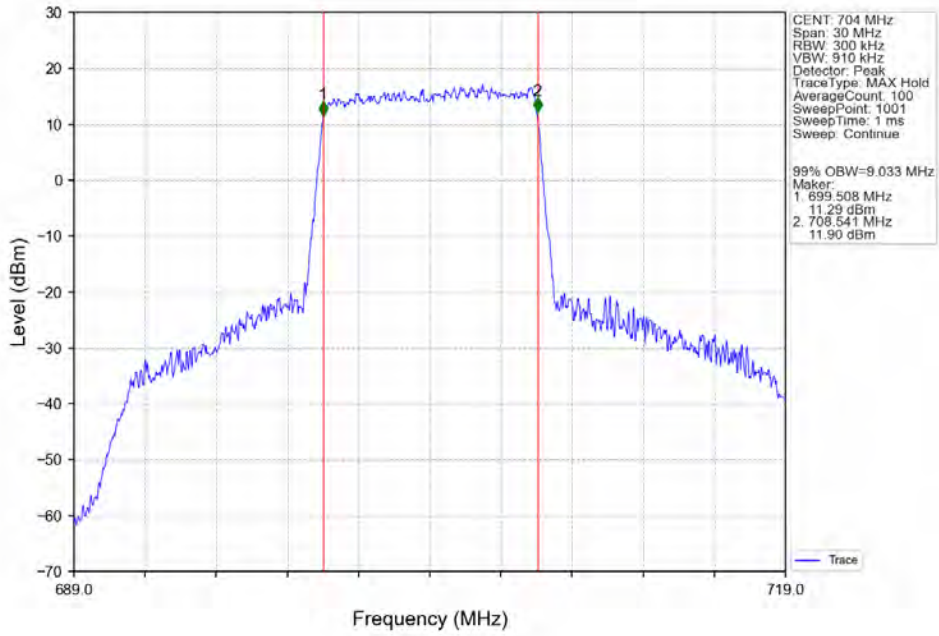
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



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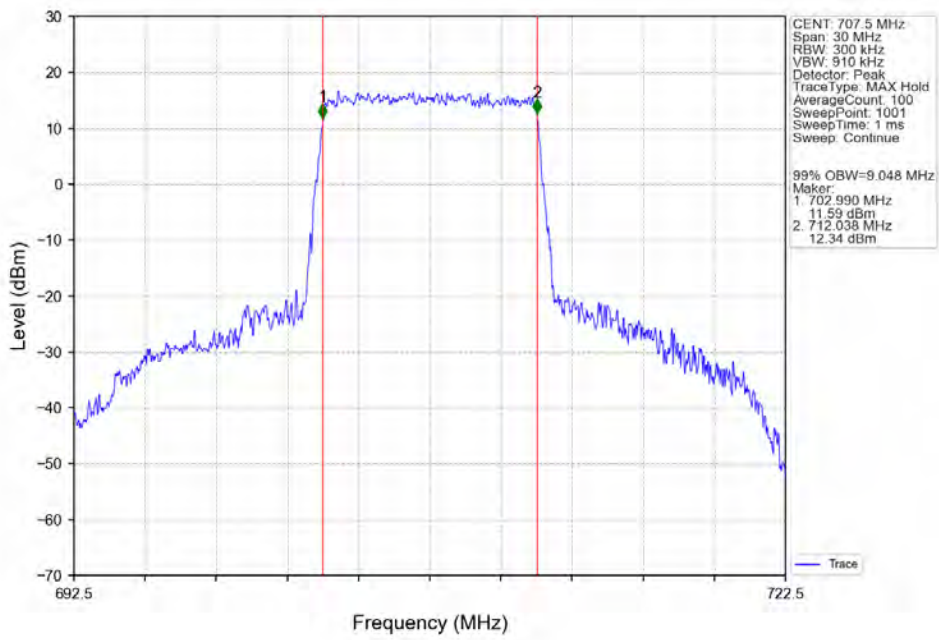
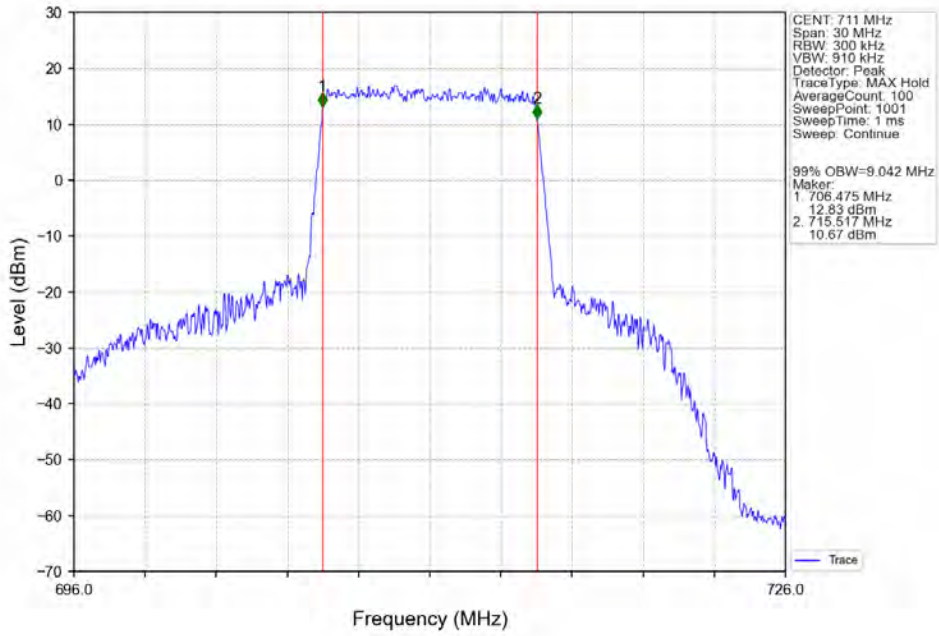
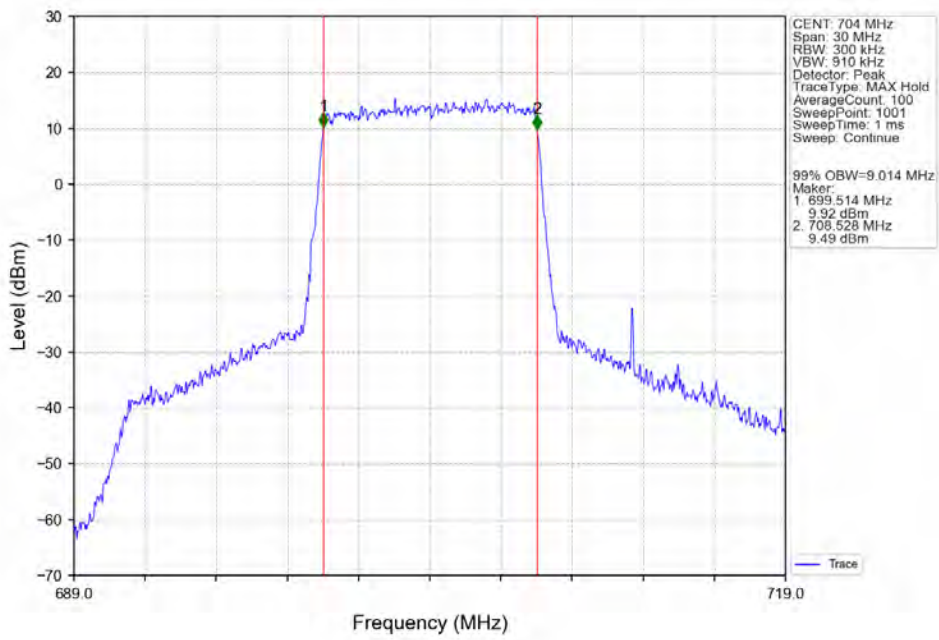


Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



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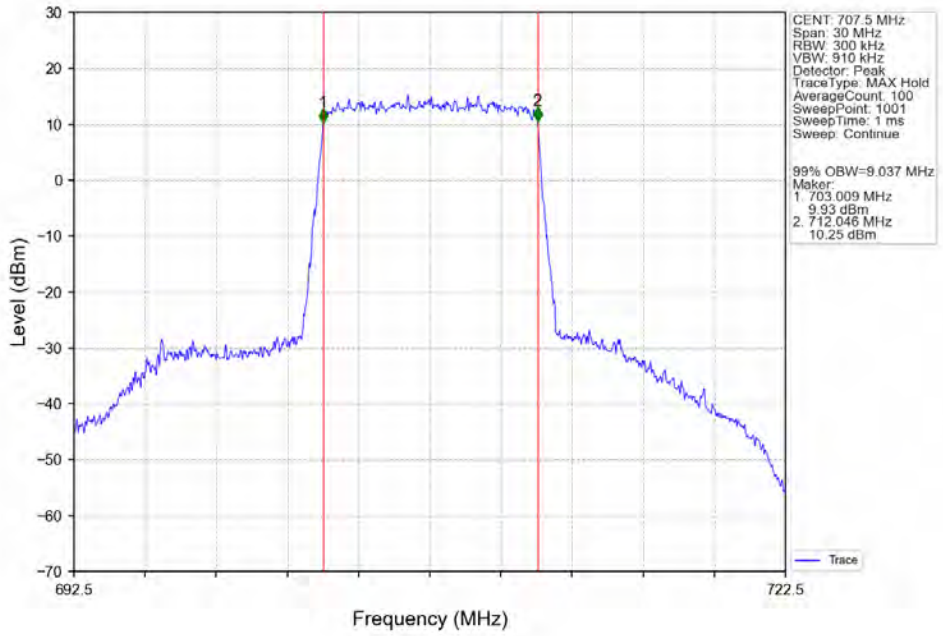
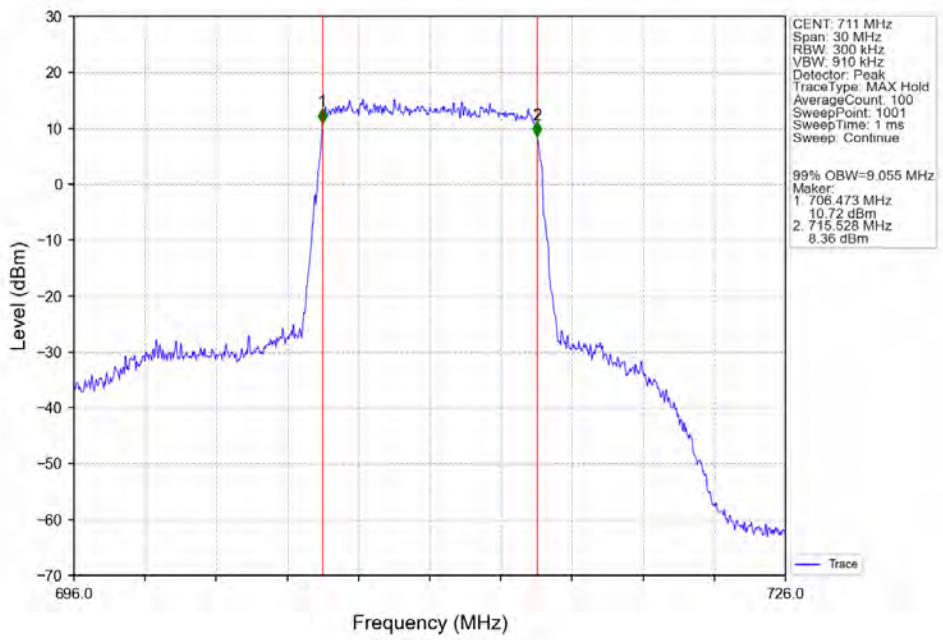
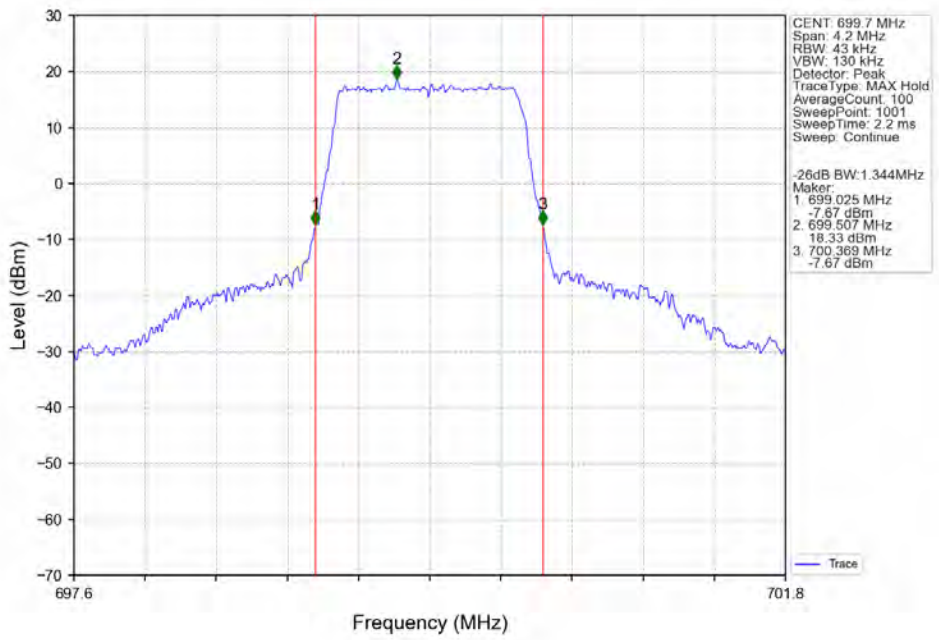


Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV

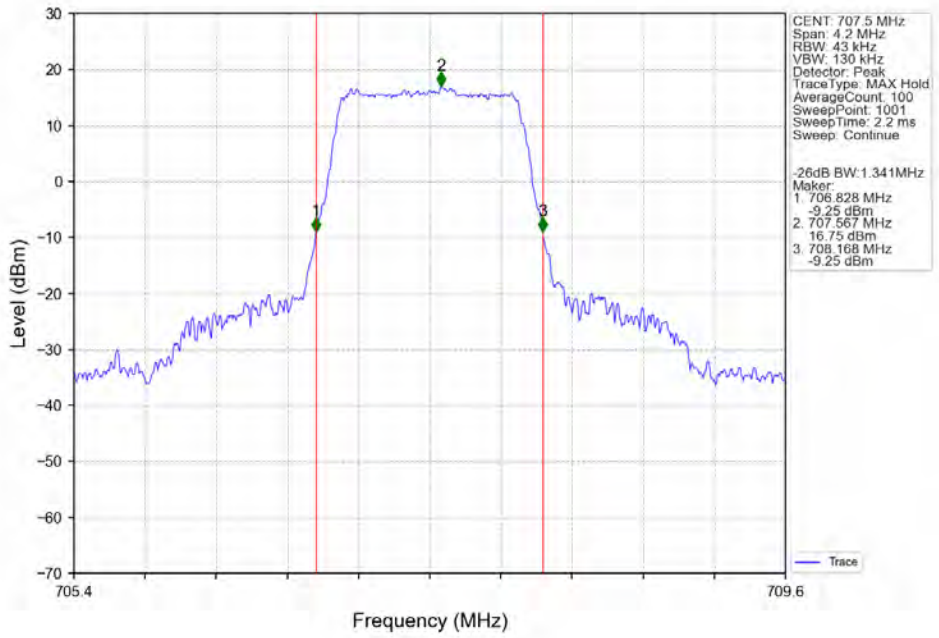


3.2.2 Band12_XDB

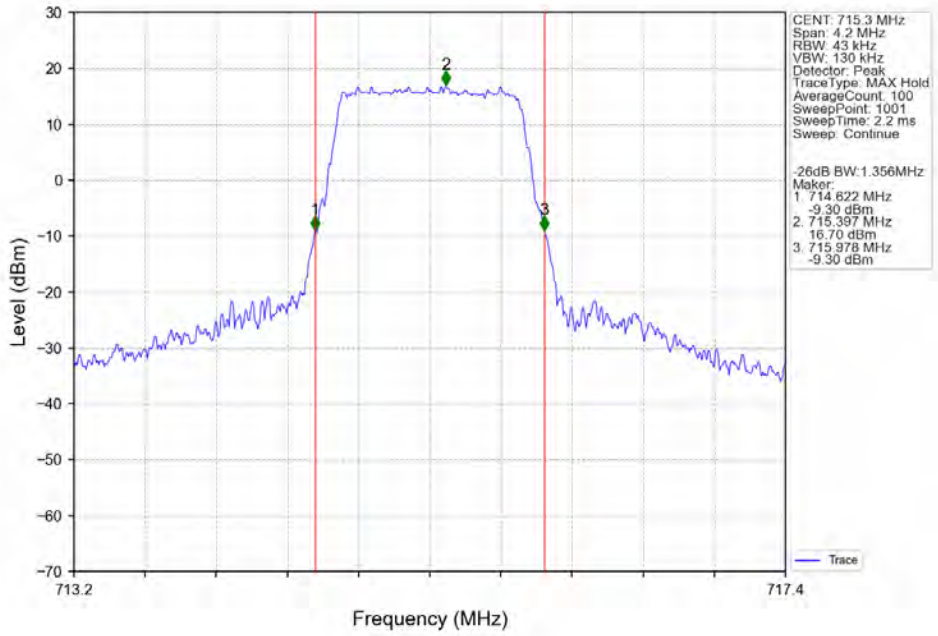
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



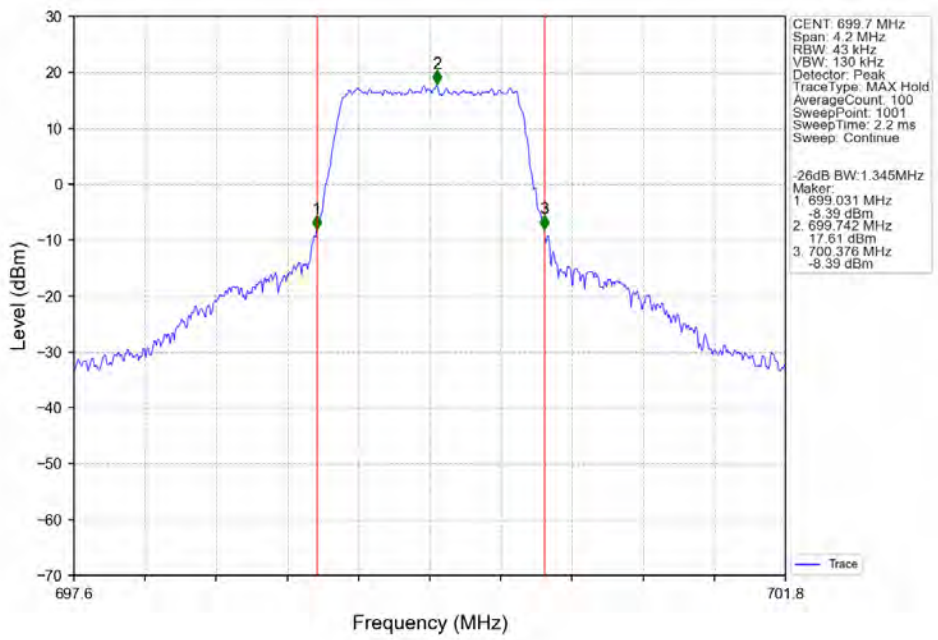
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



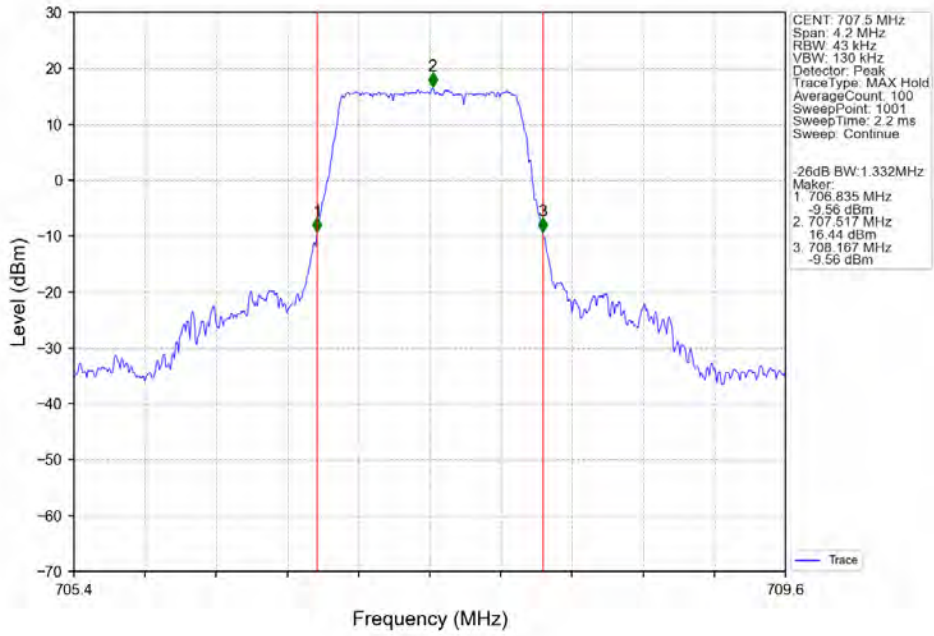
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



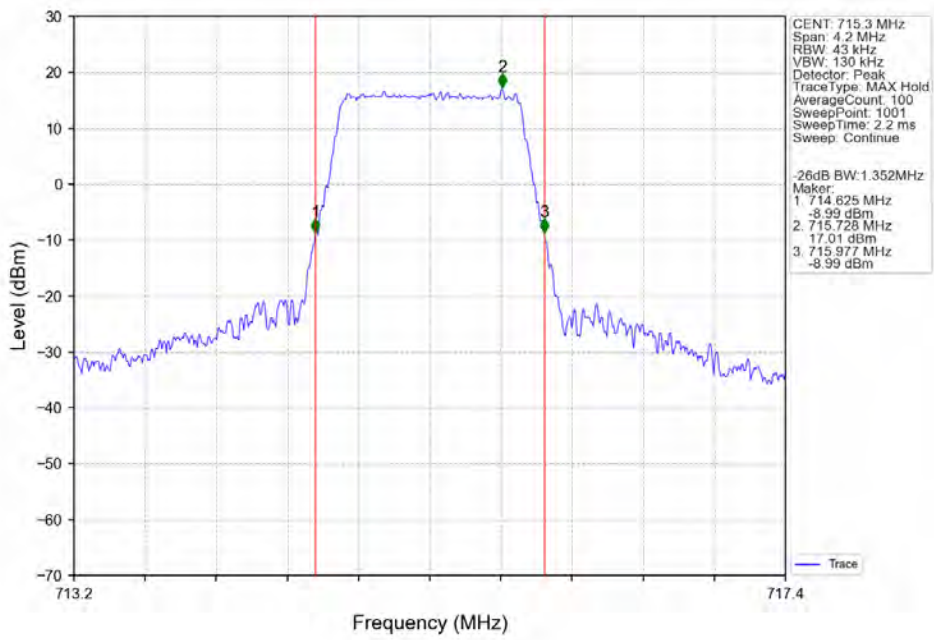
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



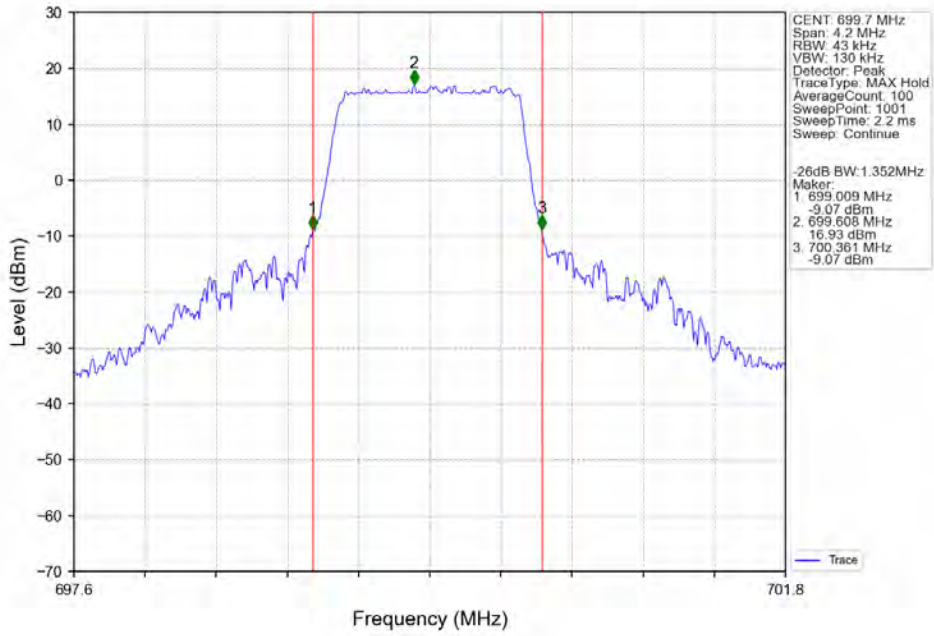
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



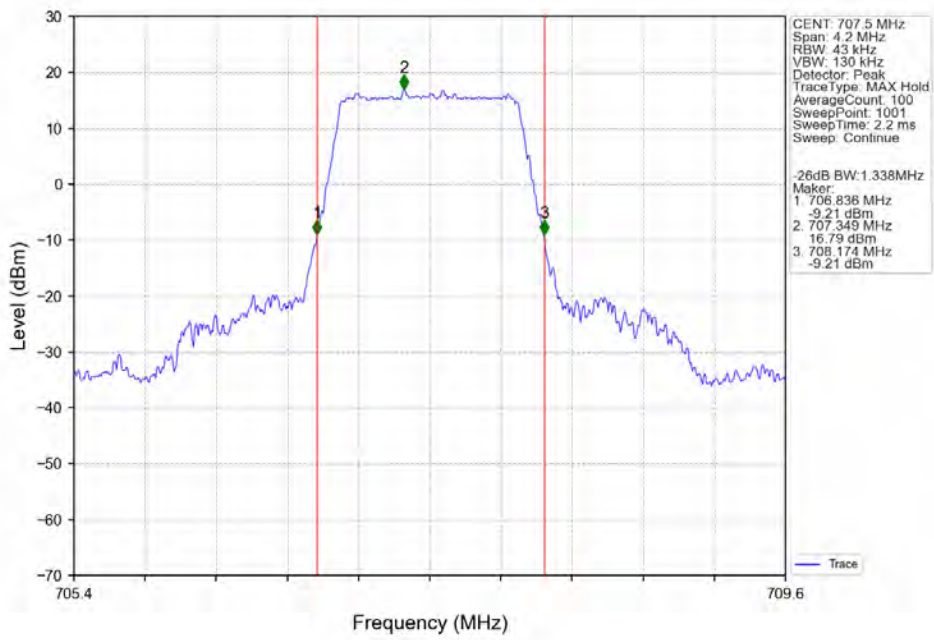
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



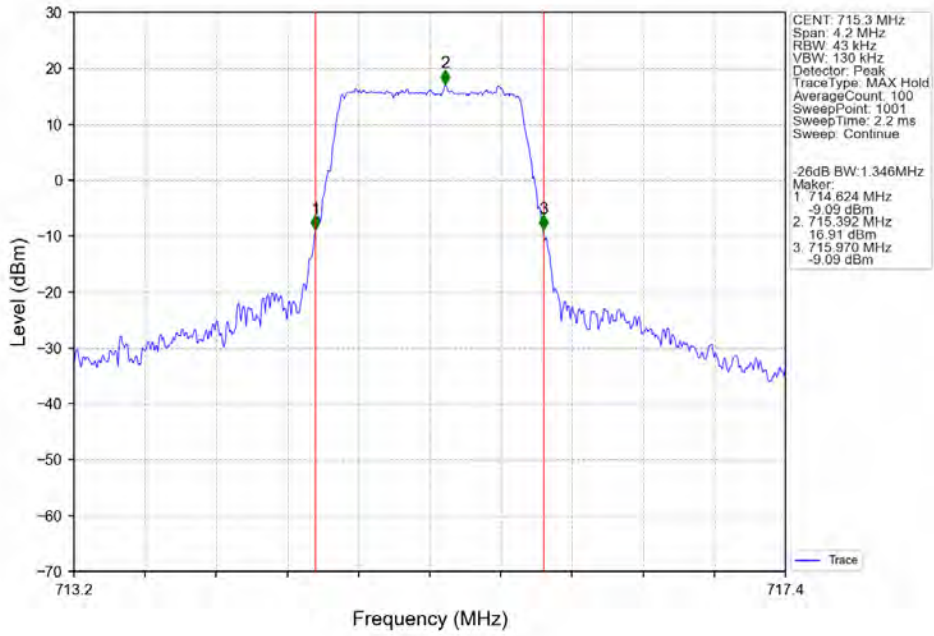
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



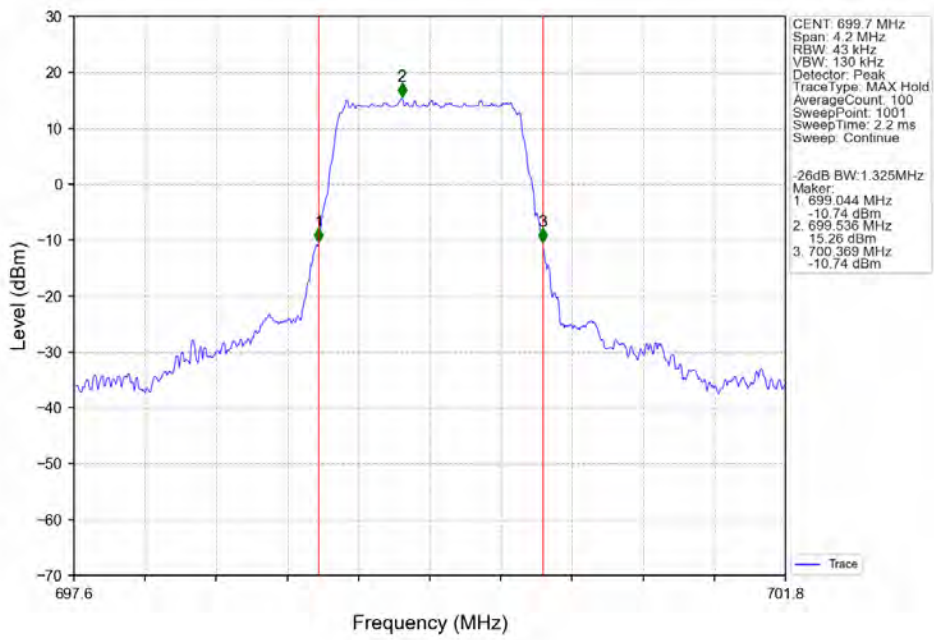
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



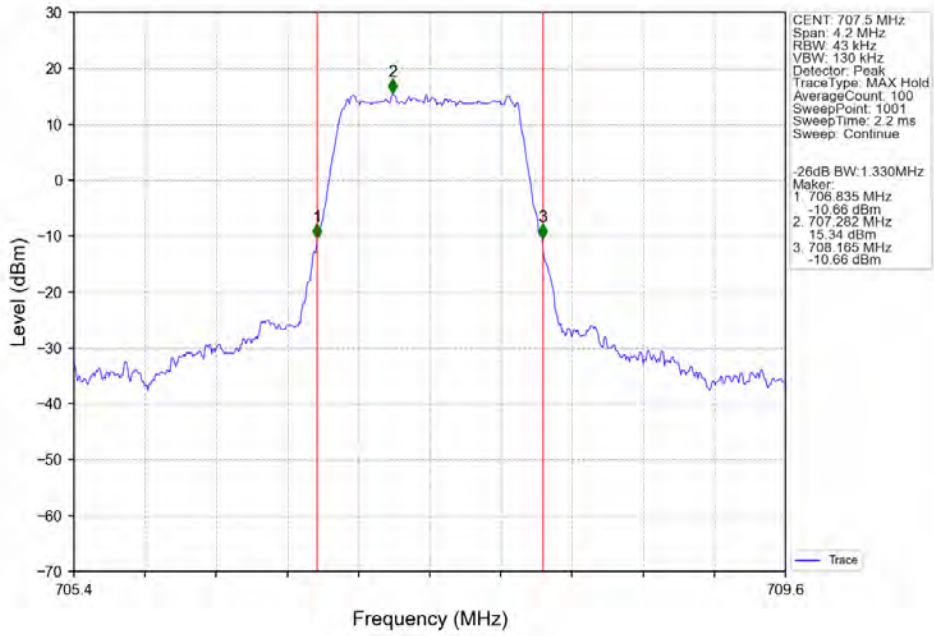
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



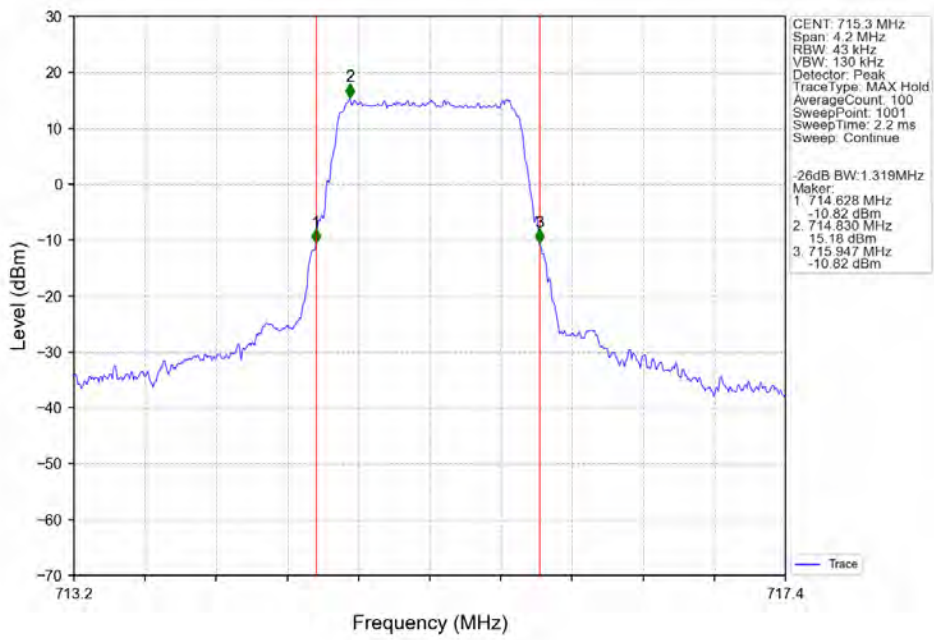
Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV



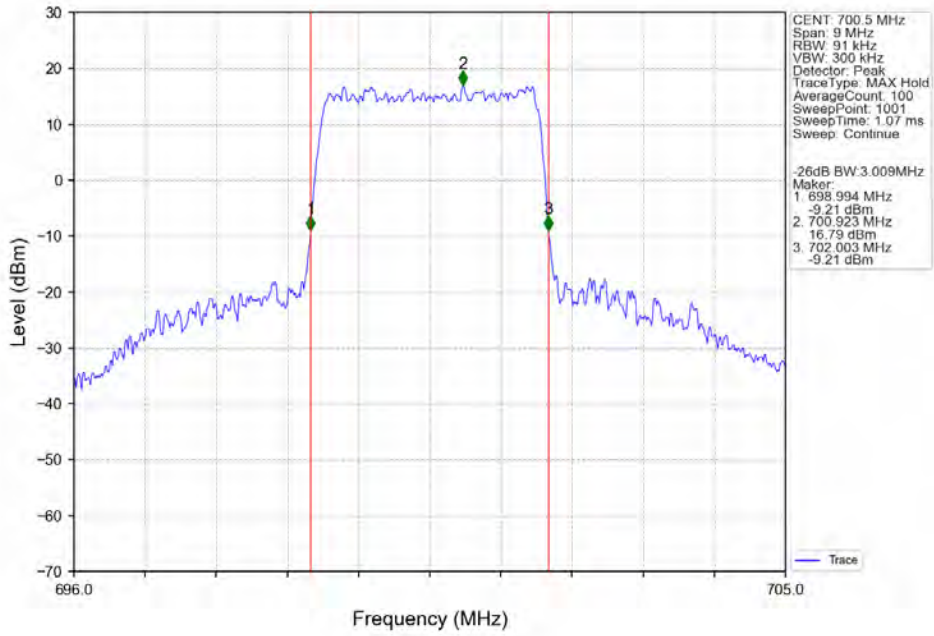
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



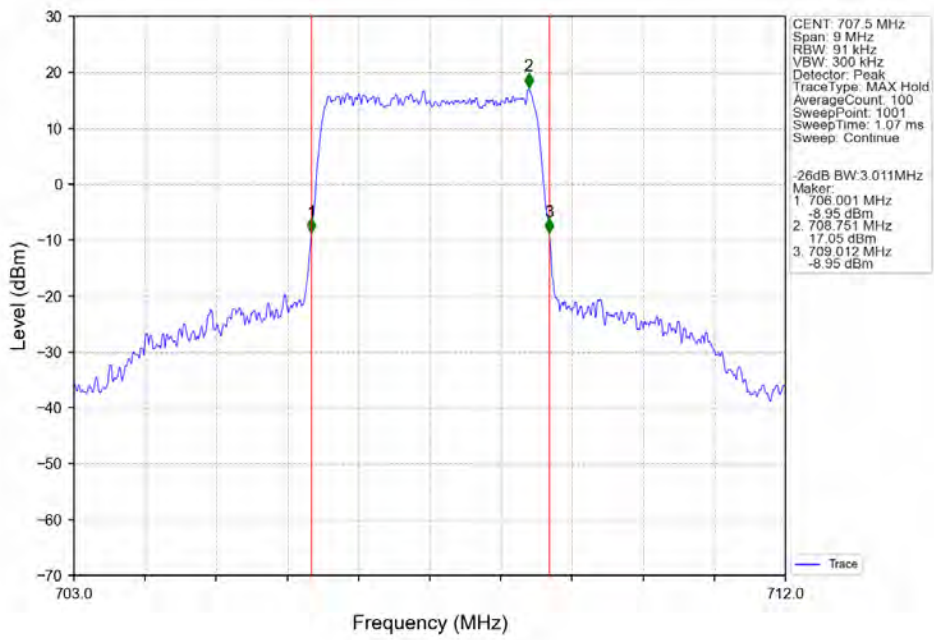
Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV



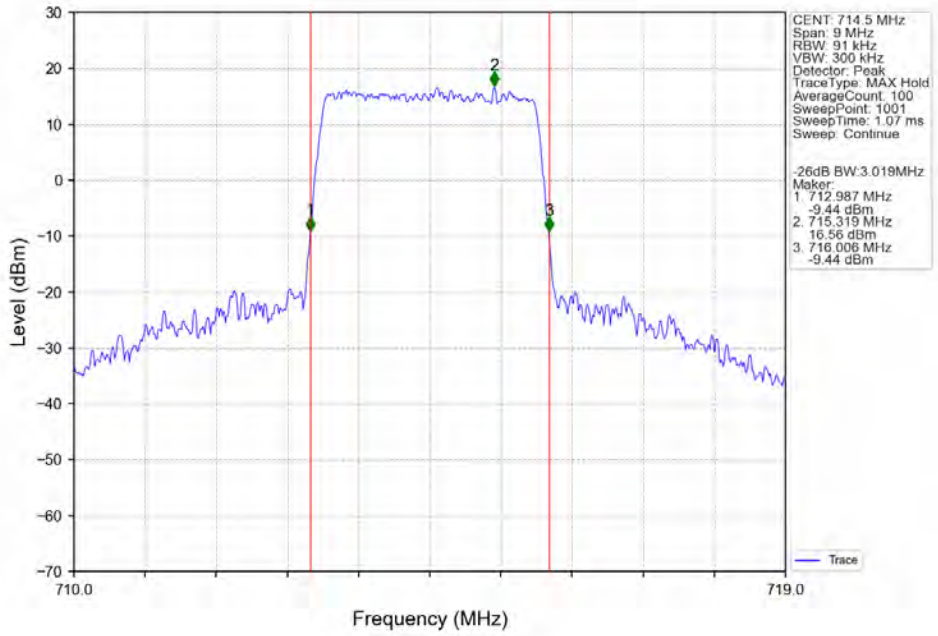
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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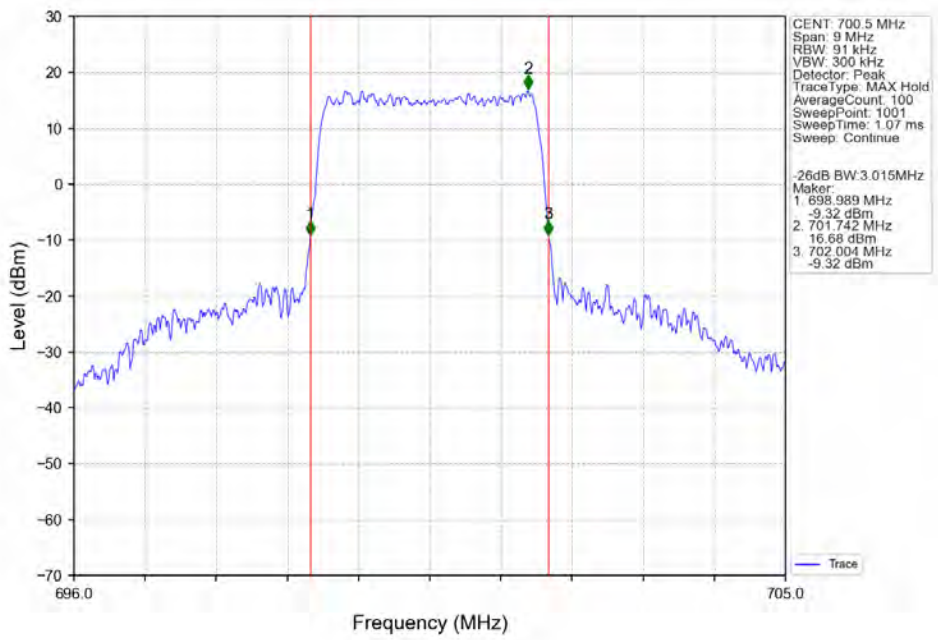
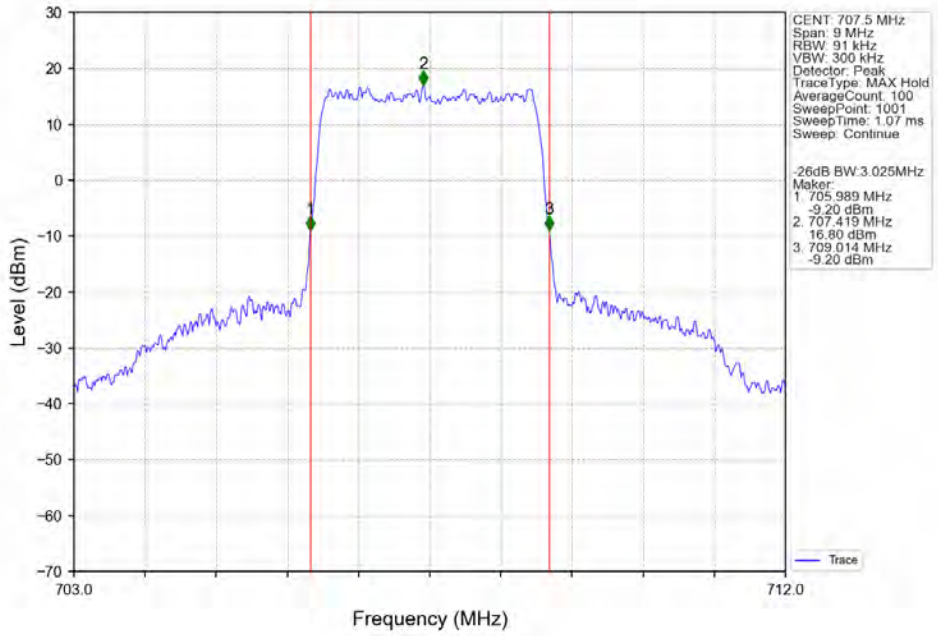
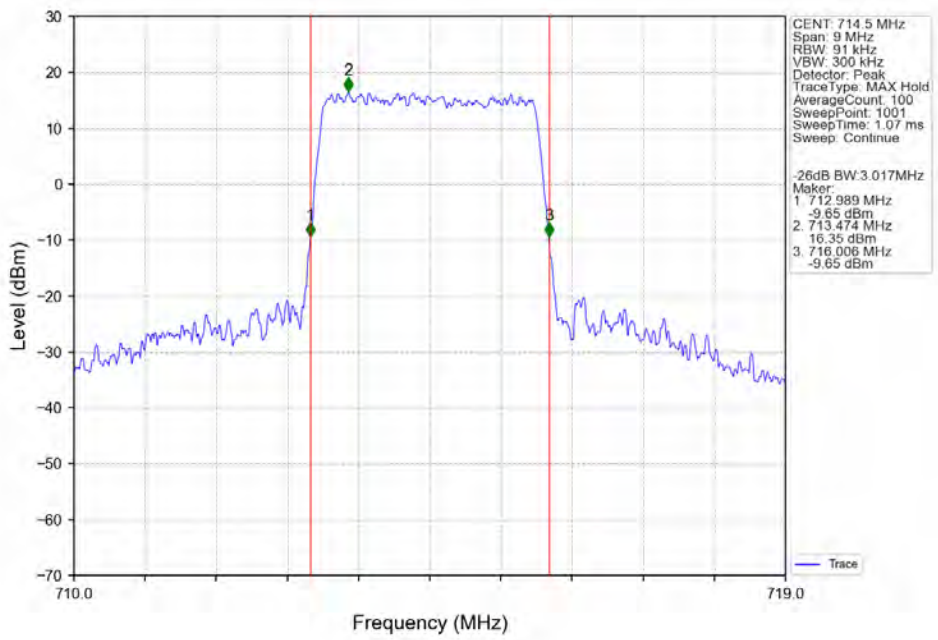


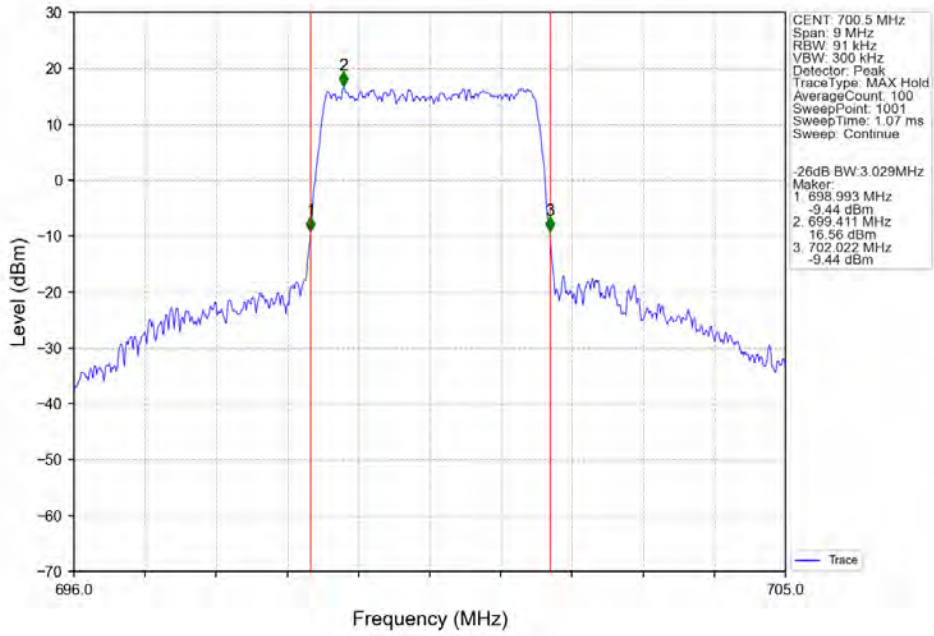
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



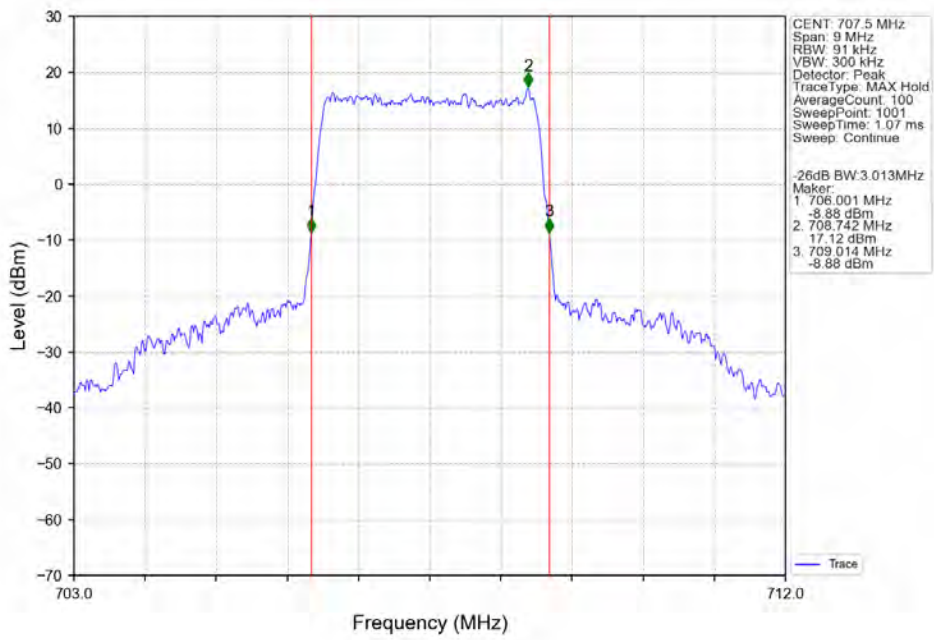
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



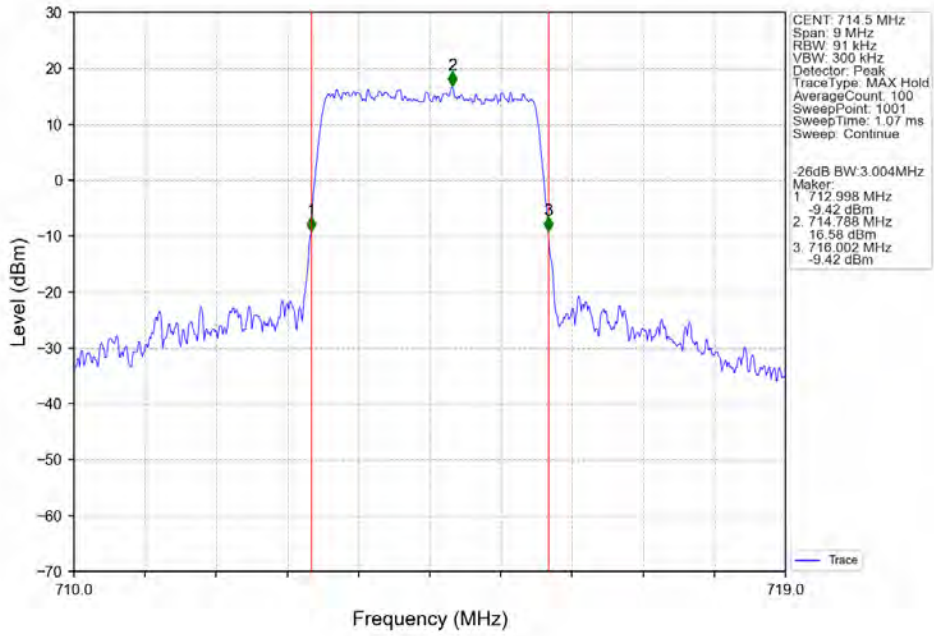
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



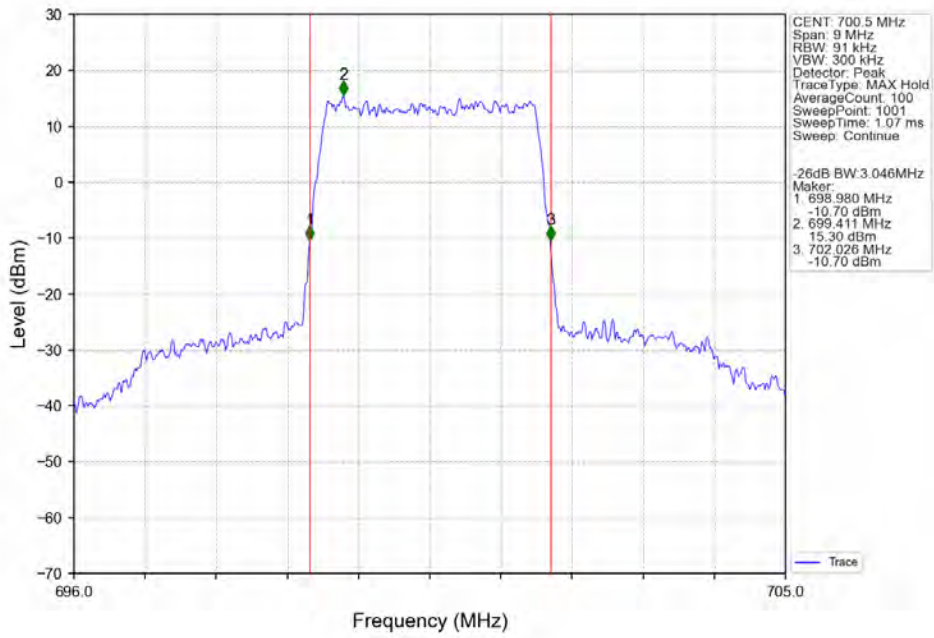
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



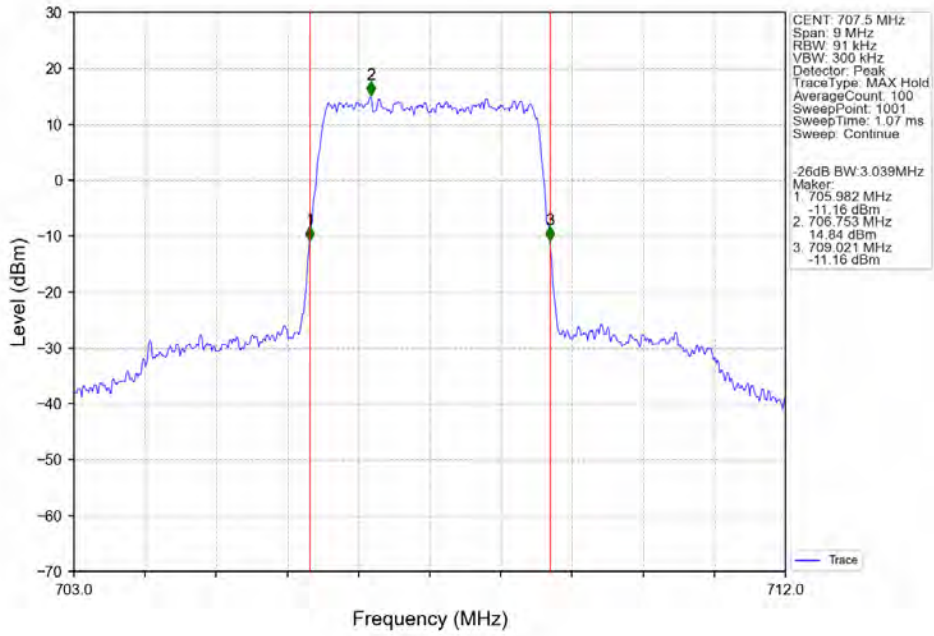
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



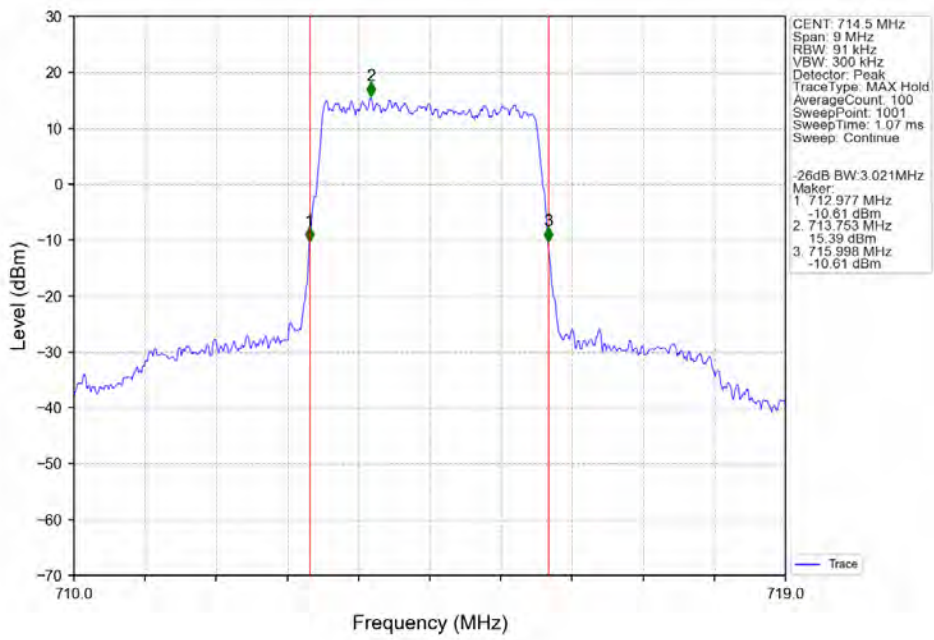
Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



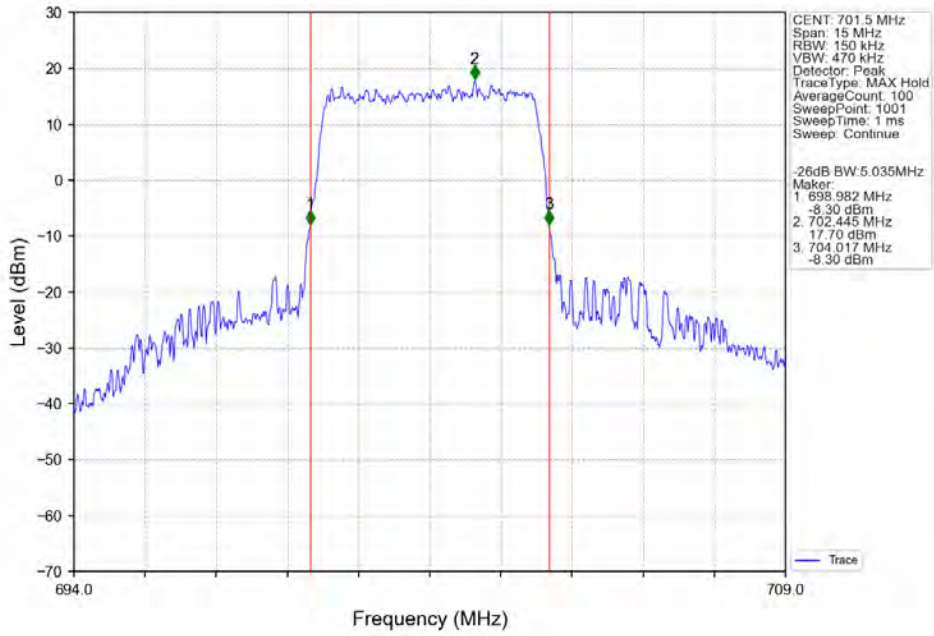
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



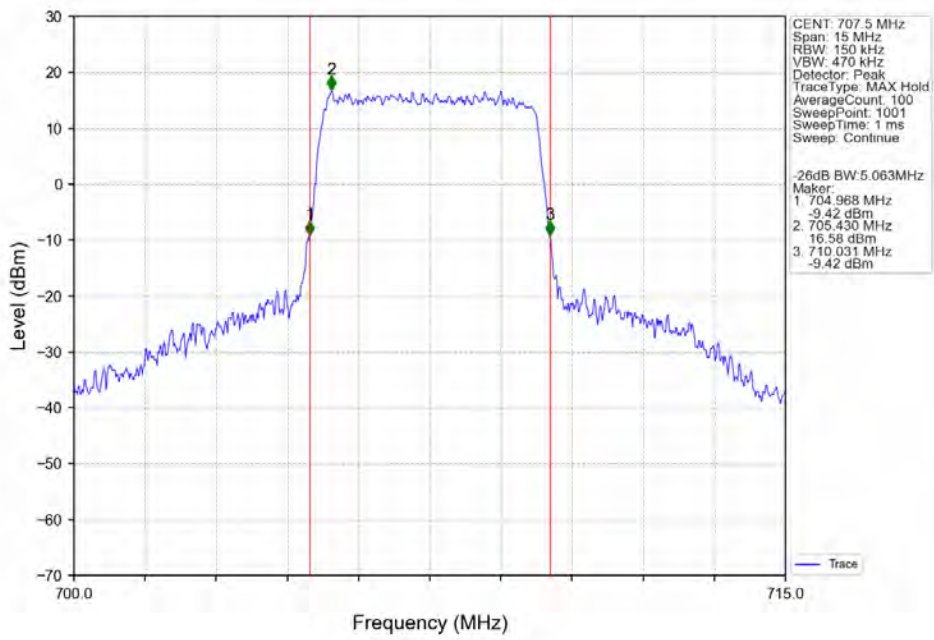
Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV



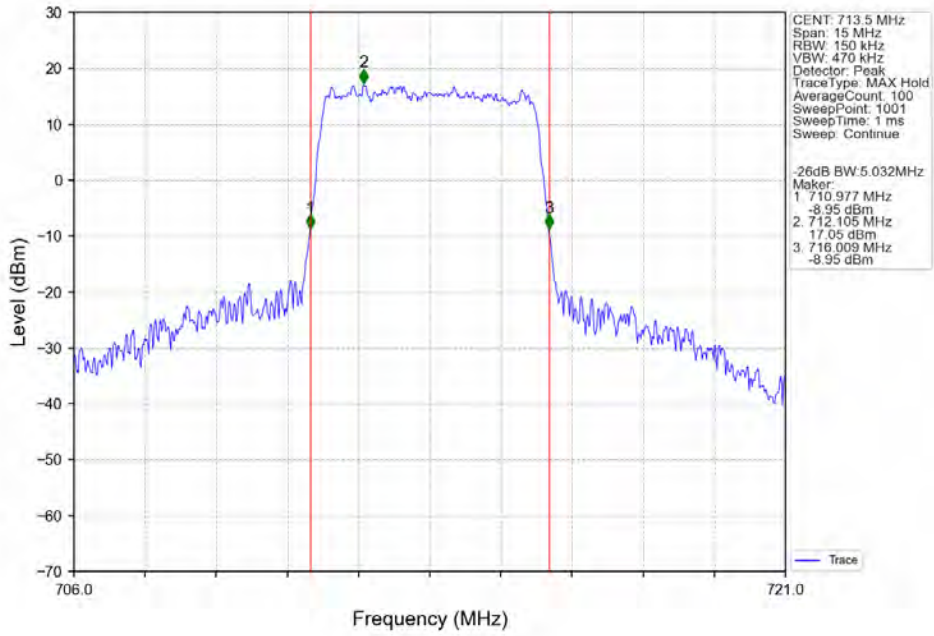
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



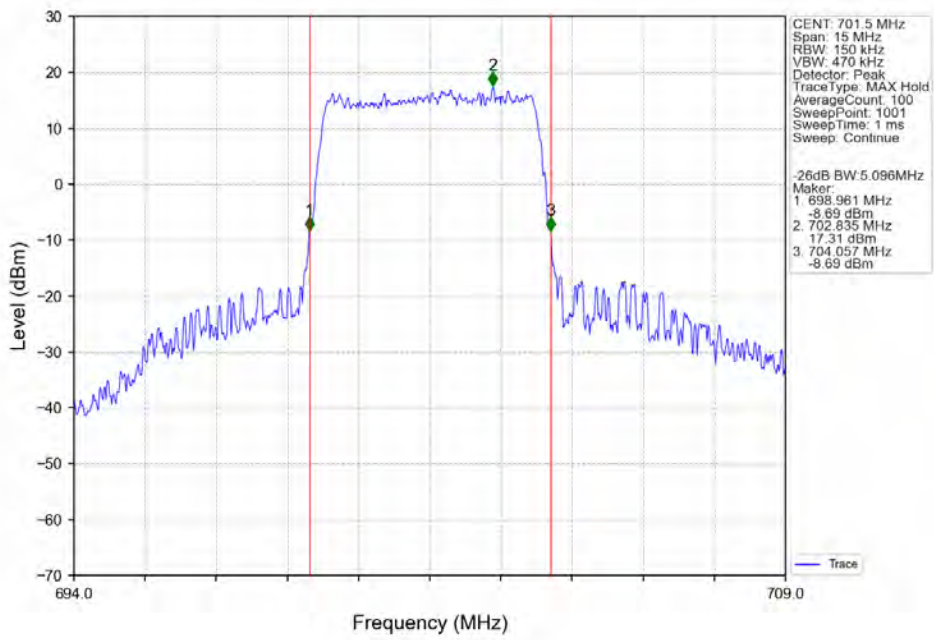
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



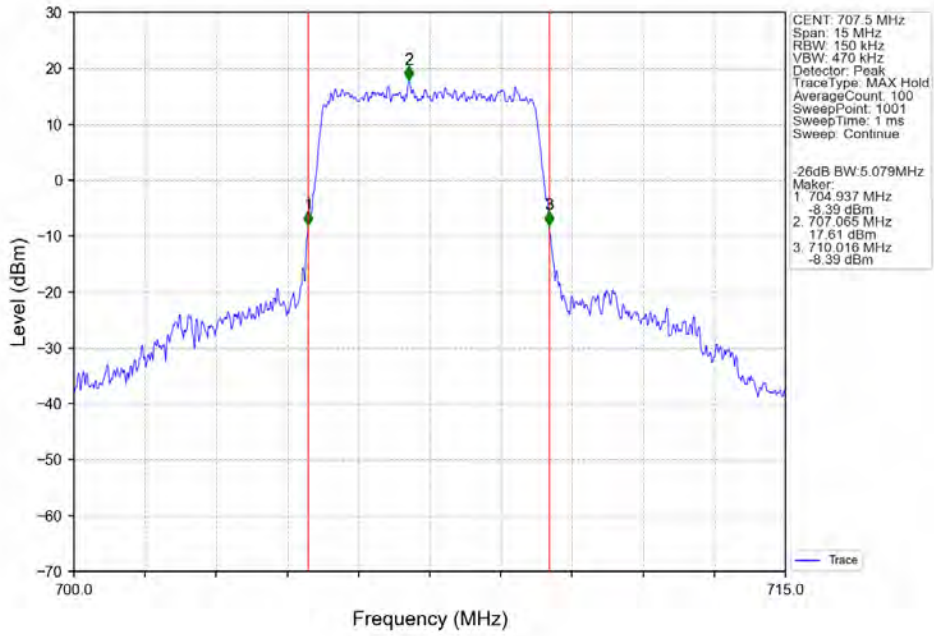
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



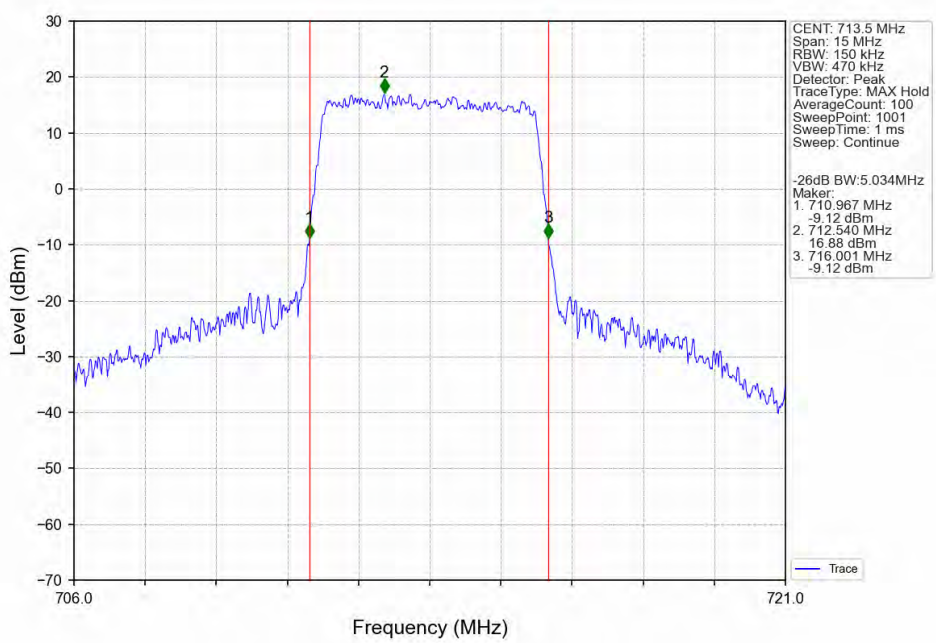
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



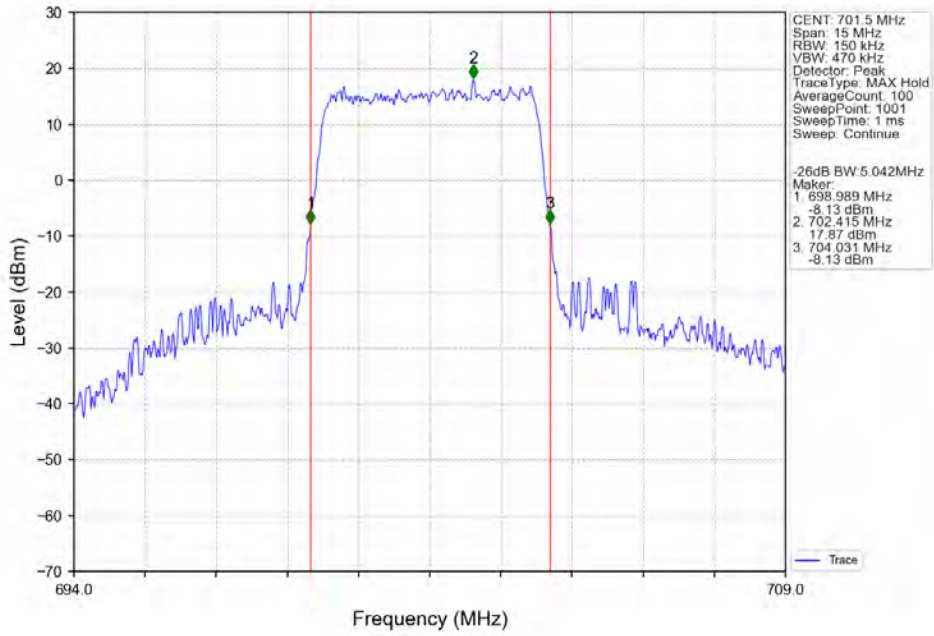
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



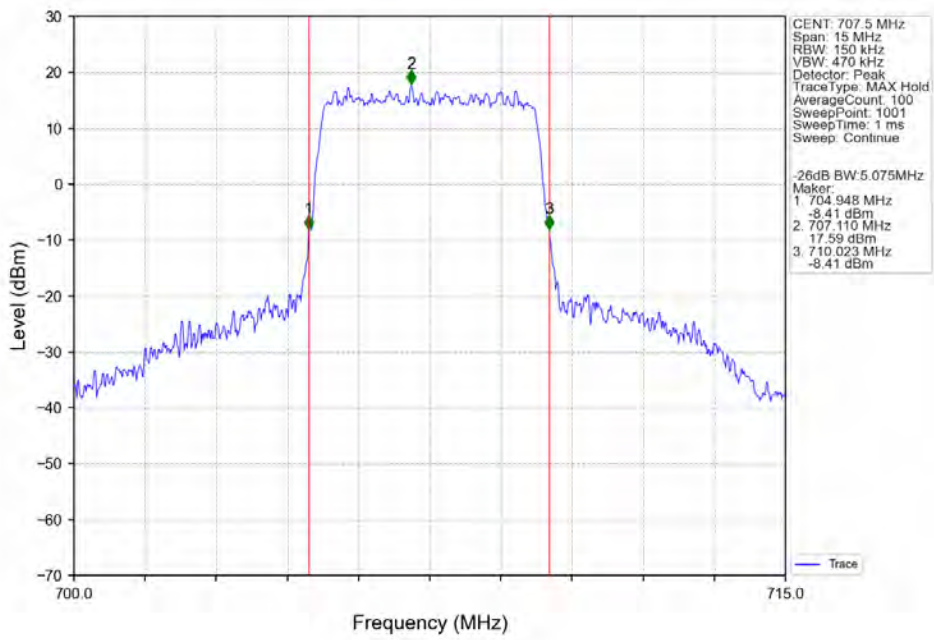
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



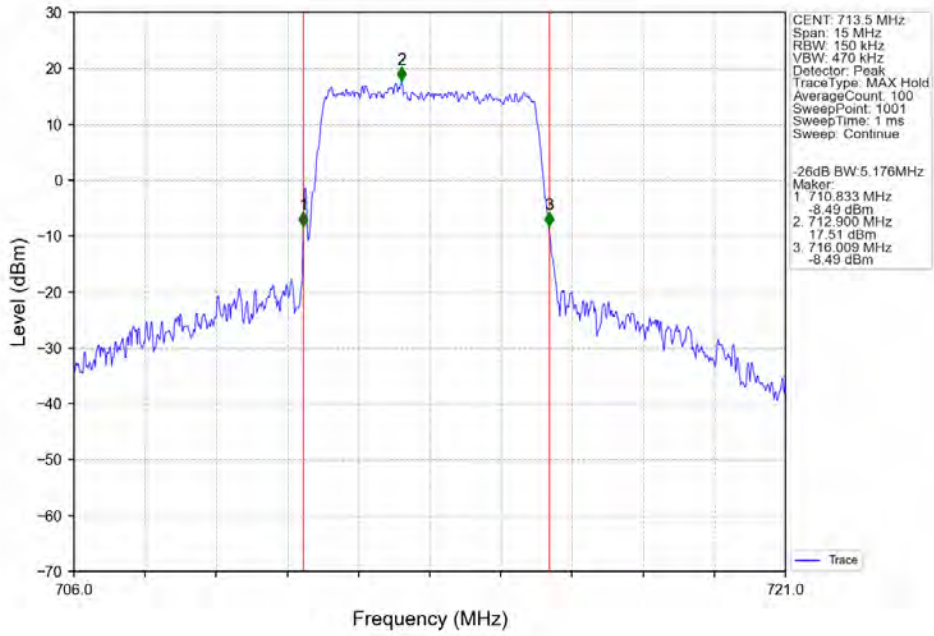
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



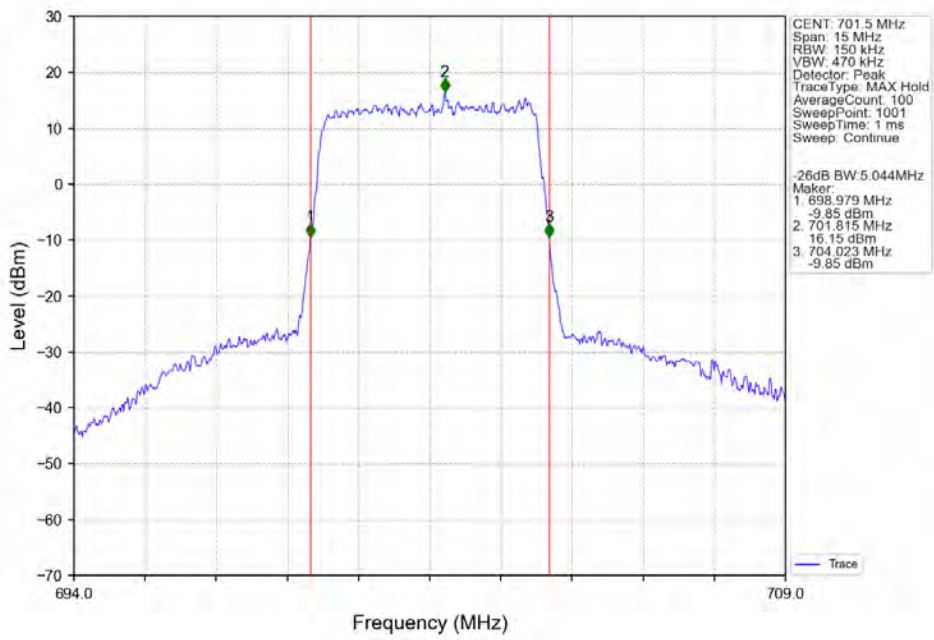
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



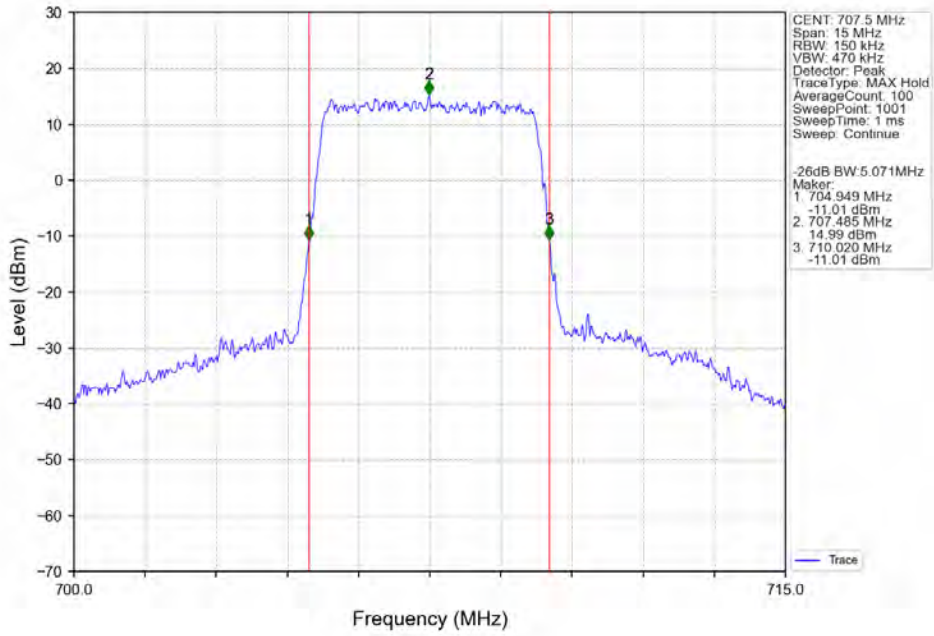
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



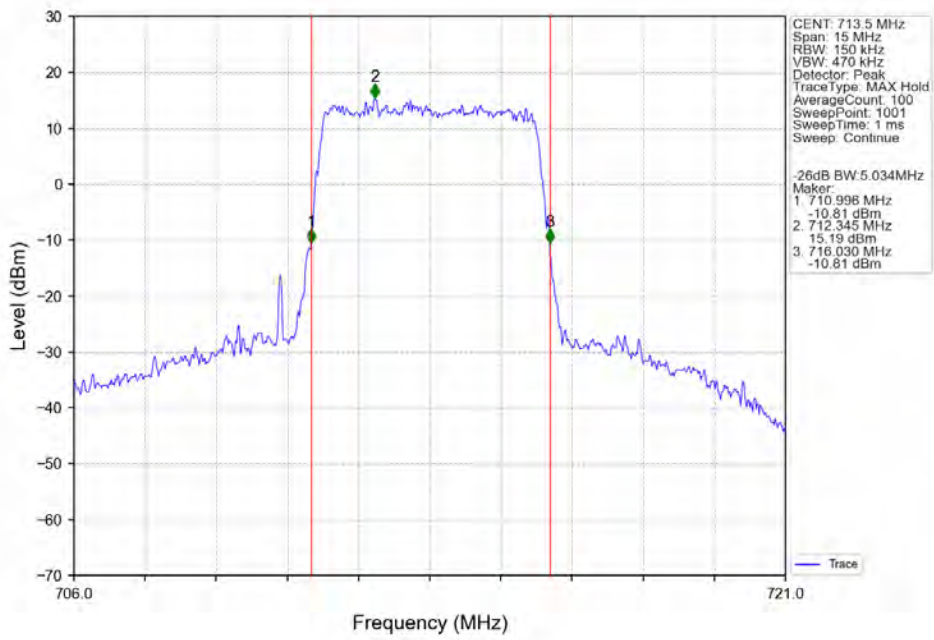
Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



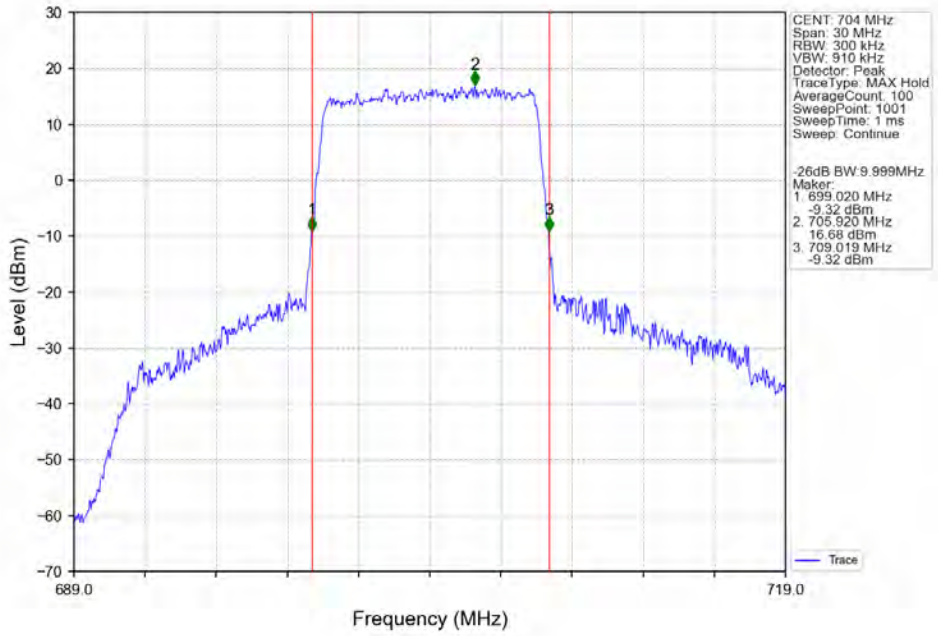
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



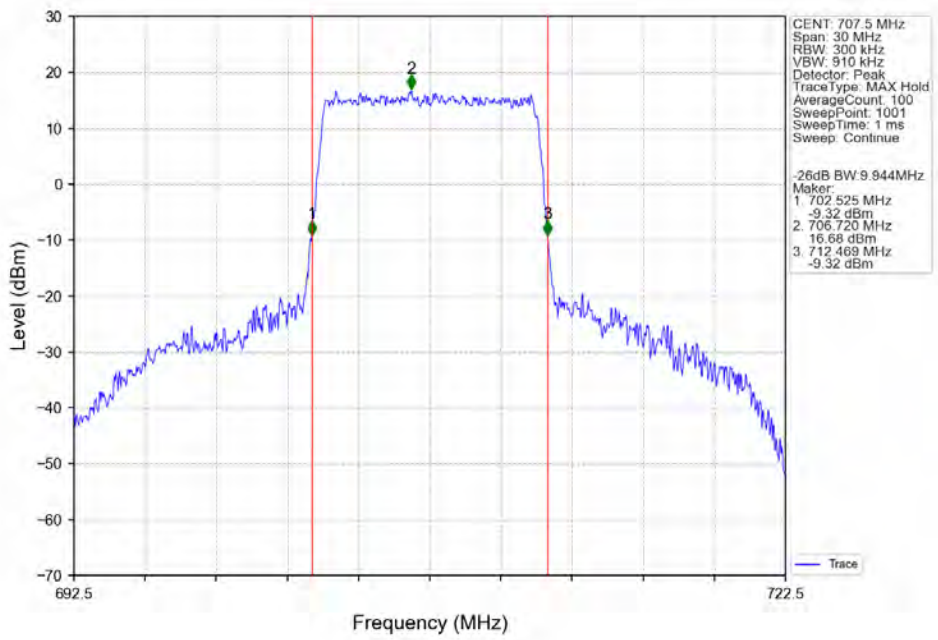
Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



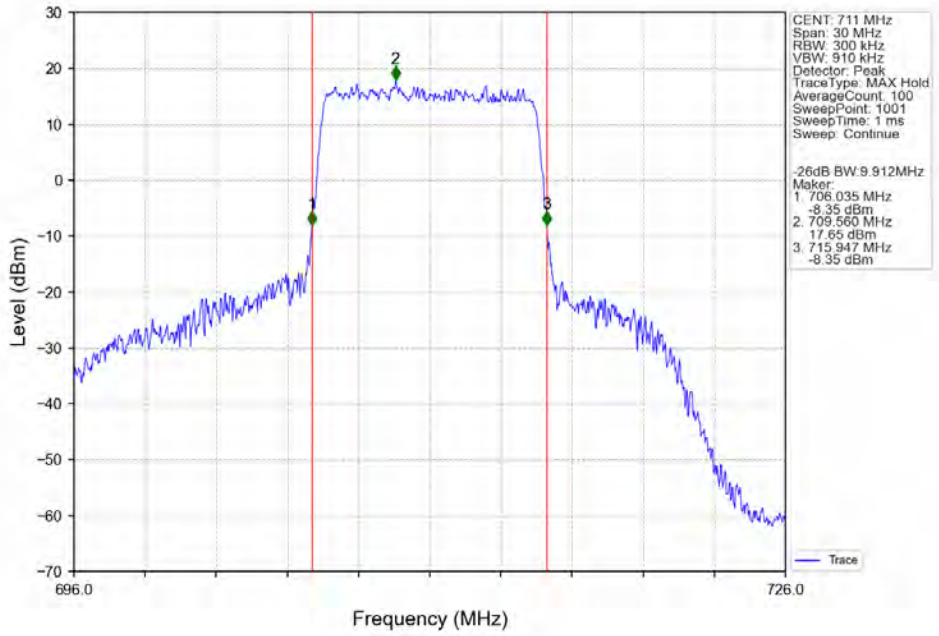
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



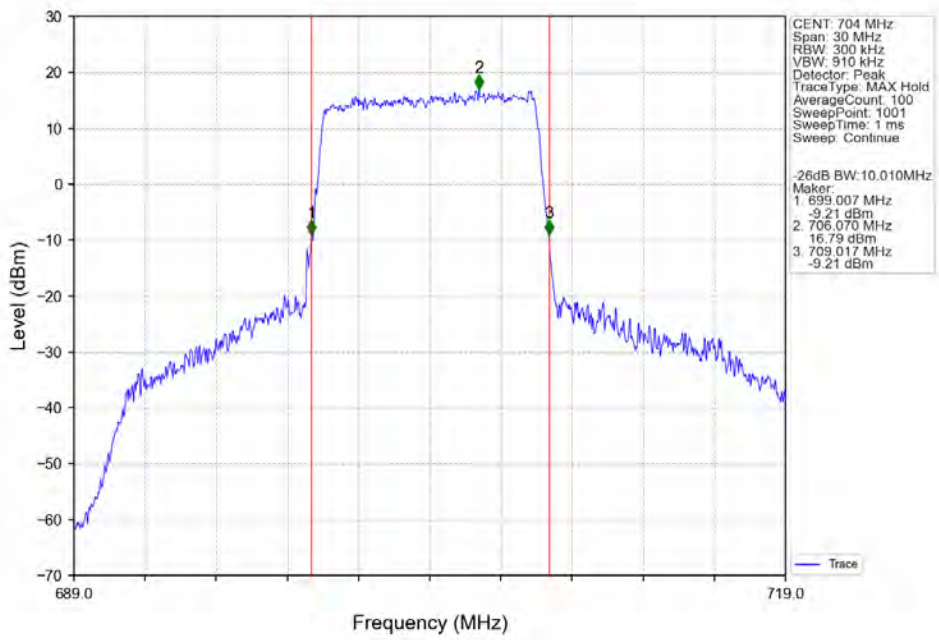
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



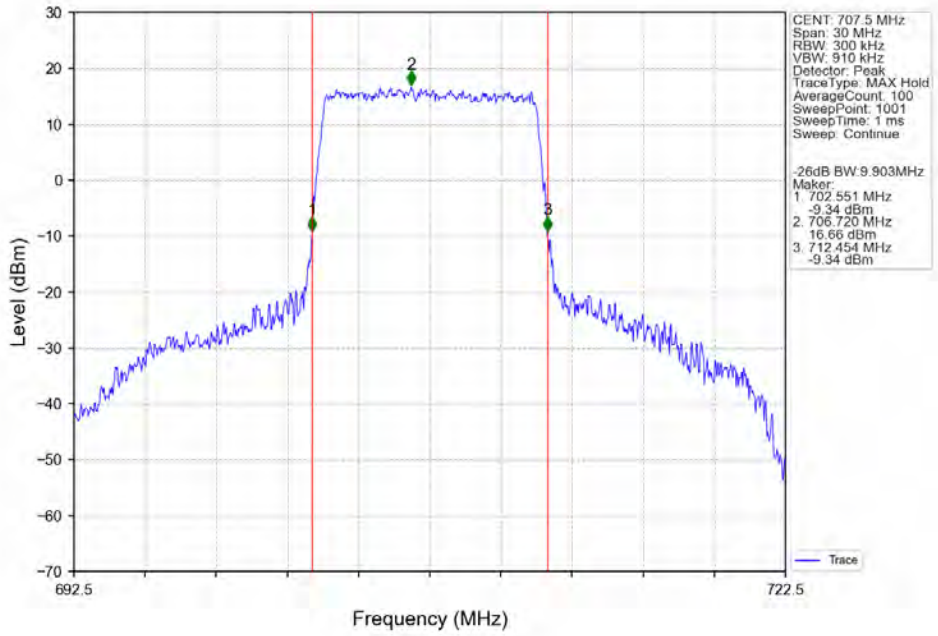
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



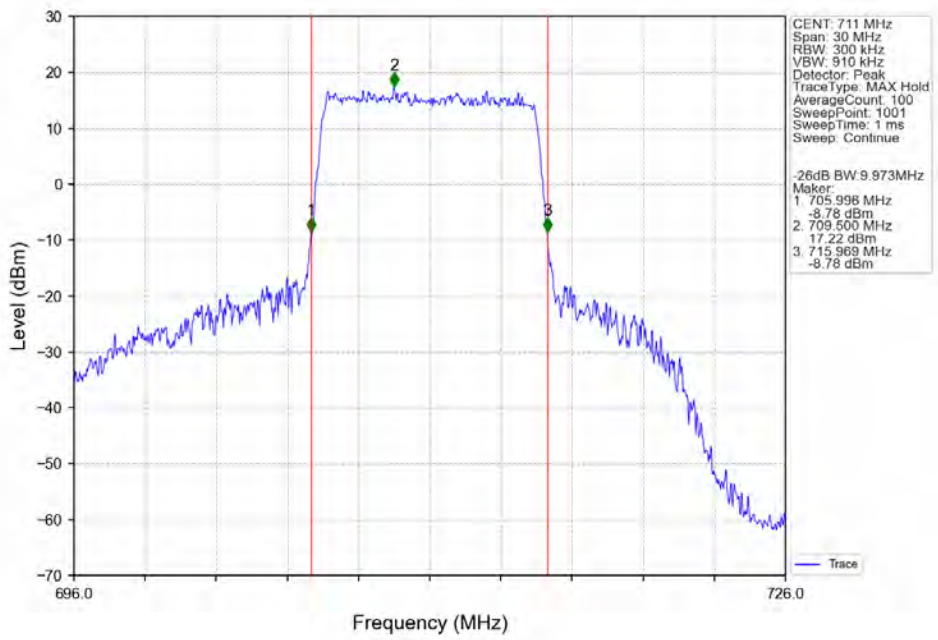
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



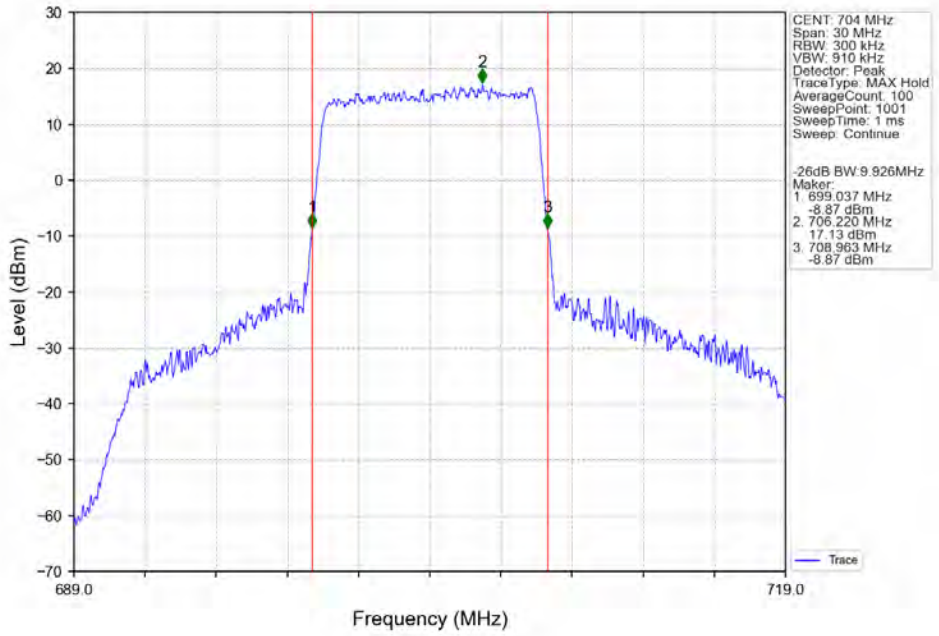
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



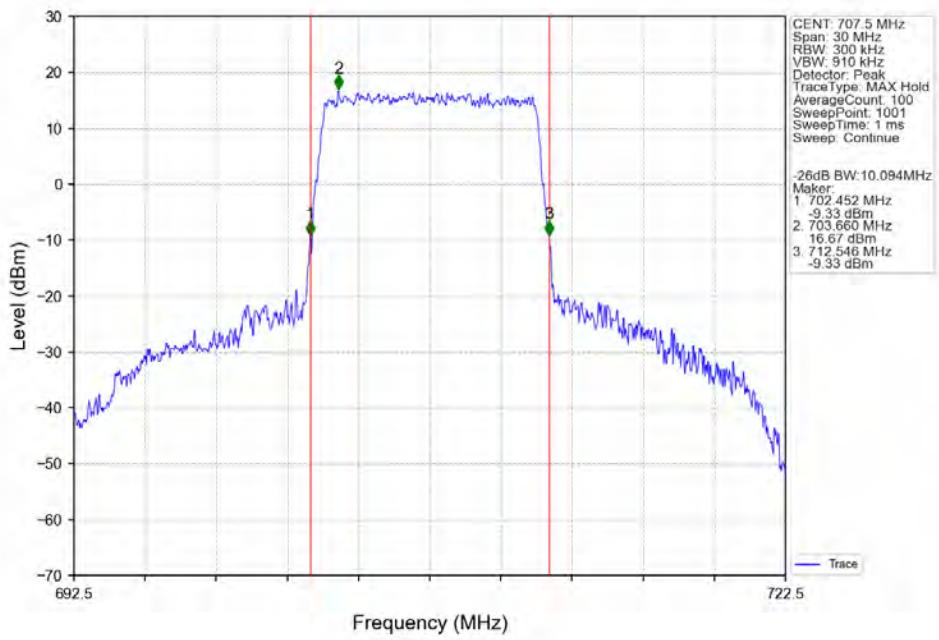
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



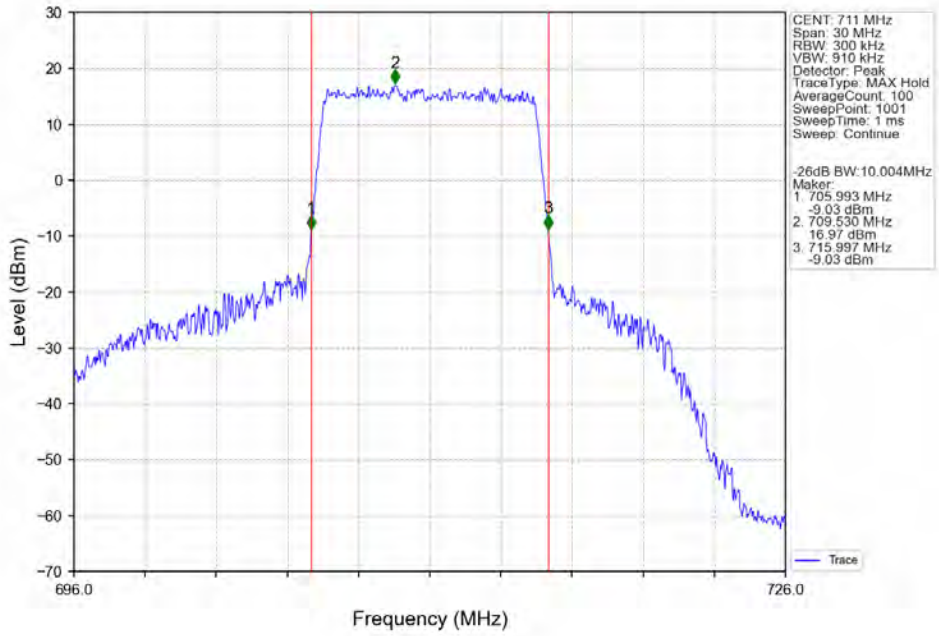
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



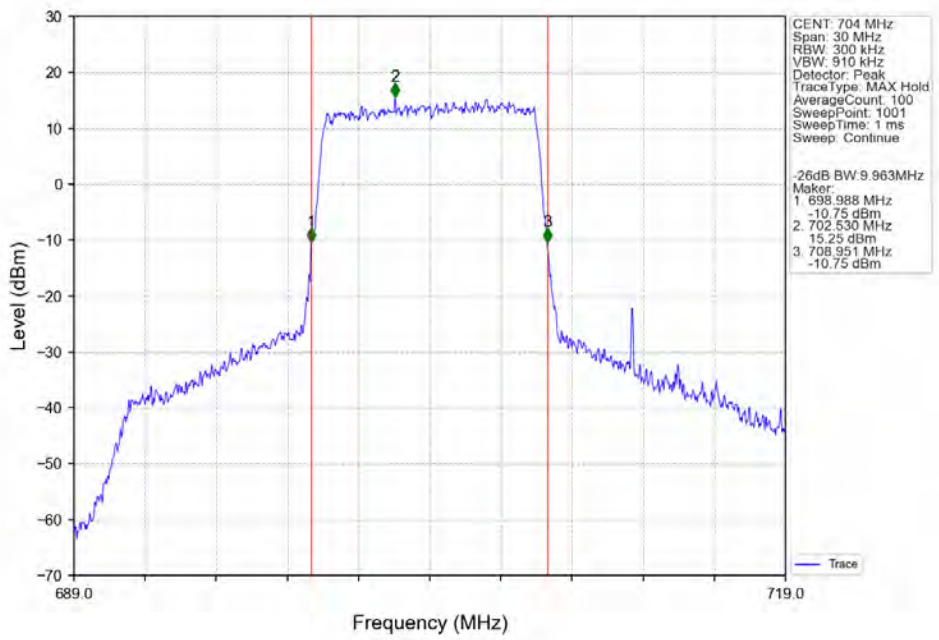
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



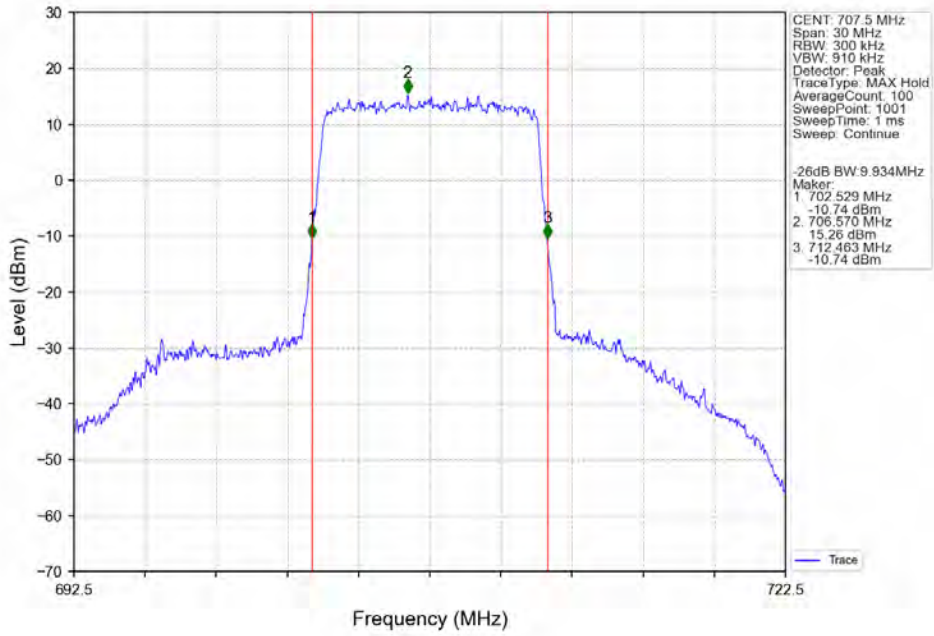
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



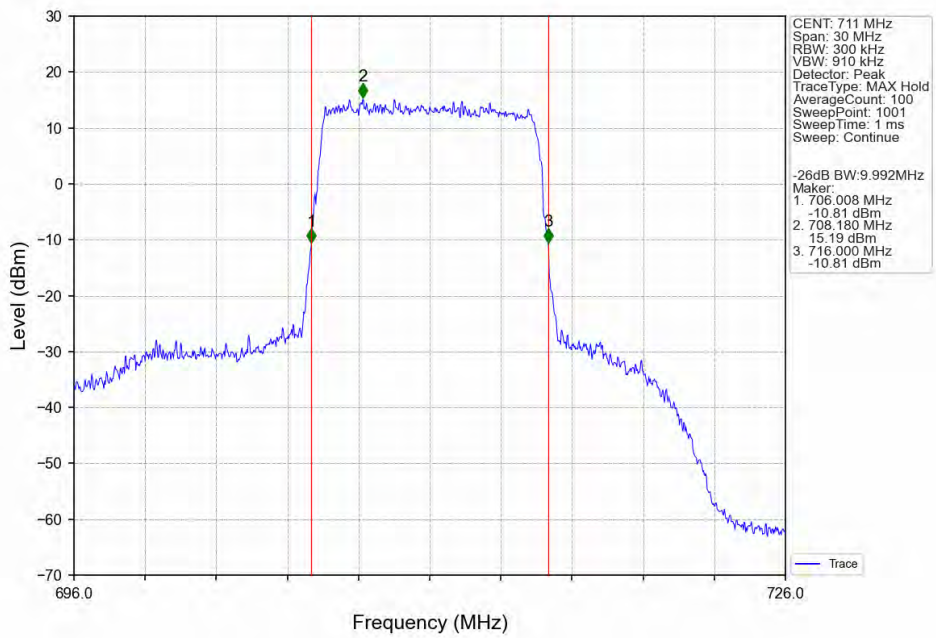
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



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 Test Result

4.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	1.48	<=13	Pass
	707.5	6	0	2.15	<=13	Pass
	715.3	6	0	2.13	<=13	Pass
16QAM	699.7	6	0	1.86	<=13	Pass
	707.5	6	0	2.15	<=13	Pass
	715.3	6	0	2.13	<=13	Pass
64QAM	699.7	6	0	2.13	<=13	Pass
	707.5	6	0	2.15	<=13	Pass
	715.3	6	0	2.13	<=13	Pass
256QAM	699.7	6	0	2.73	<=13	Pass
	707.5	6	0	2.79	<=13	Pass
	715.3	6	0	2.79	<=13	Pass

4.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	2.71	<=13	Pass
	707.5	15	0	2.71	<=13	Pass
	714.5	15	0	2.74	<=13	Pass
16QAM	700.5	15	0	2.71	<=13	Pass
	707.5	15	0	2.71	<=13	Pass
	714.5	15	0	2.74	<=13	Pass
64QAM	700.5	15	0	2.71	<=13	Pass
	707.5	15	0	2.71	<=13	Pass
	714.5	15	0	2.74	<=13	Pass
256QAM	700.5	15	0	3.12	<=13	Pass
	707.5	15	0	3.14	<=13	Pass
	714.5	15	0	3.16	<=13	Pass

4.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	3.48	<=13	Pass
	707.5	25	0	3.45	<=13	Pass
	713.5	25	0	3.46	<=13	Pass
16QAM	701.5	25	0	3.48	<=13	Pass
	707.5	25	0	3.45	<=13	Pass
	713.5	25	0	3.46	<=13	Pass
64QAM	701.5	25	0	3.48	<=13	Pass

	707.5	25	0	3.45	<=13	Pass
	713.5	25	0	3.46	<=13	Pass
256QAM	701.5	25	0	3.79	<=13	Pass
	707.5	25	0	3.83	<=13	Pass
	713.5	25	0	3.83	<=13	Pass

4.1.4 B12_10MHz

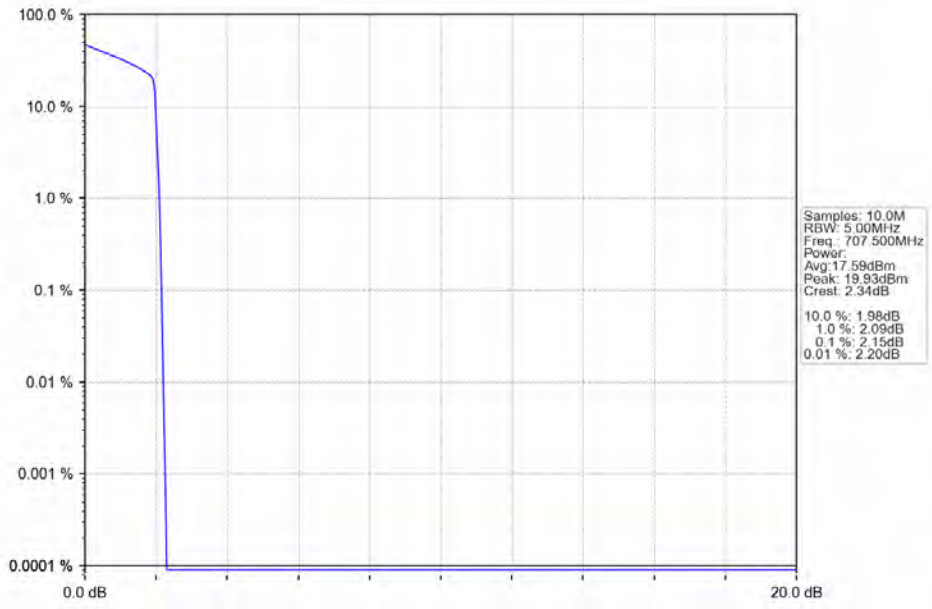
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	4.11	<=13	Pass
	707.5	50	0	4.09	<=13	Pass
	711	50	0	4.10	<=13	Pass
16QAM	704	50	0	4.10	<=13	Pass
	707.5	50	0	4.10	<=13	Pass
	711	50	0	4.09	<=13	Pass
64QAM	704	50	0	4.11	<=13	Pass
	707.5	50	0	4.10	<=13	Pass
	711	50	0	4.09	<=13	Pass
256QAM	704	50	0	4.34	<=13	Pass
	707.5	50	0	4.31	<=13	Pass
	711	50	0	4.33	<=13	Pass

4.2 Test Graph

4.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



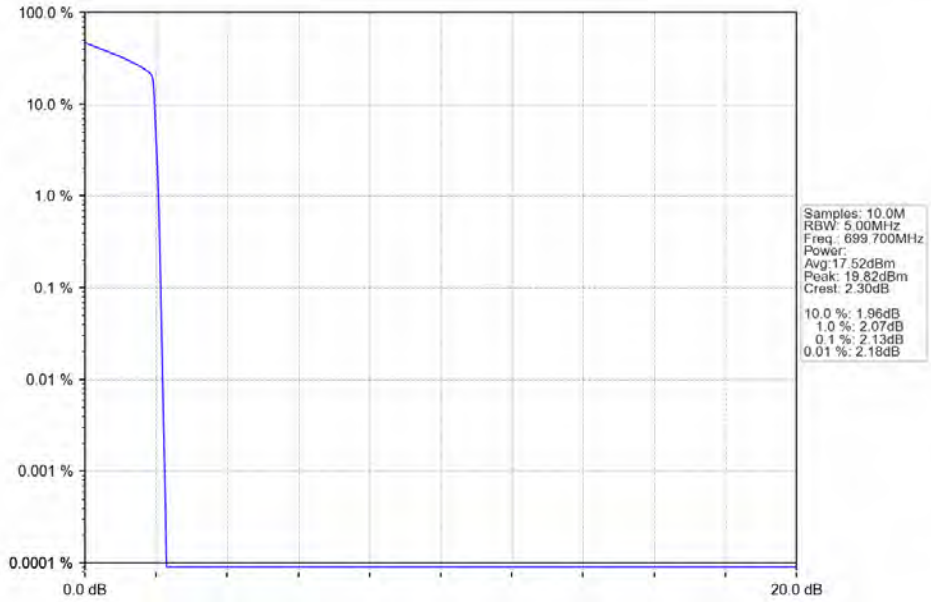
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

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

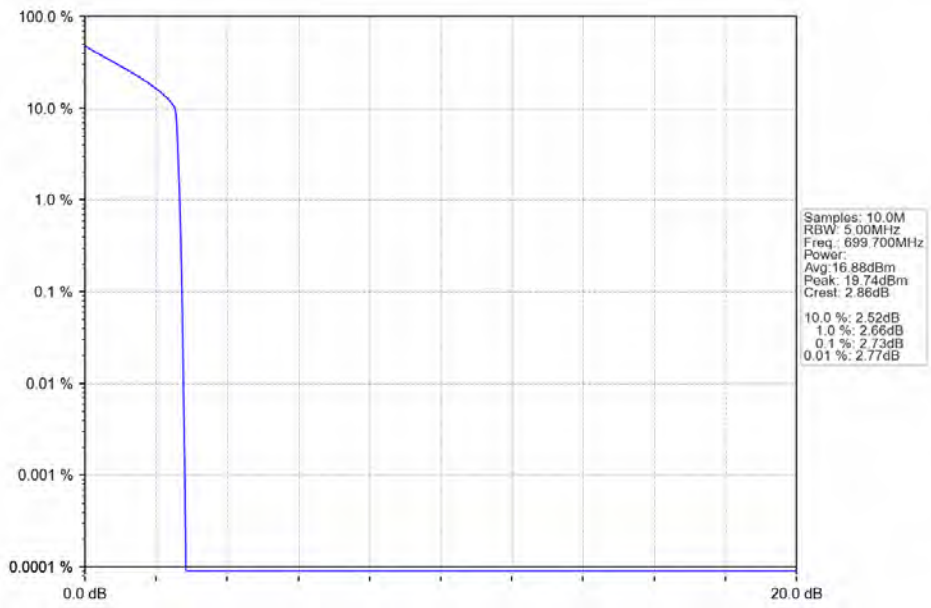
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



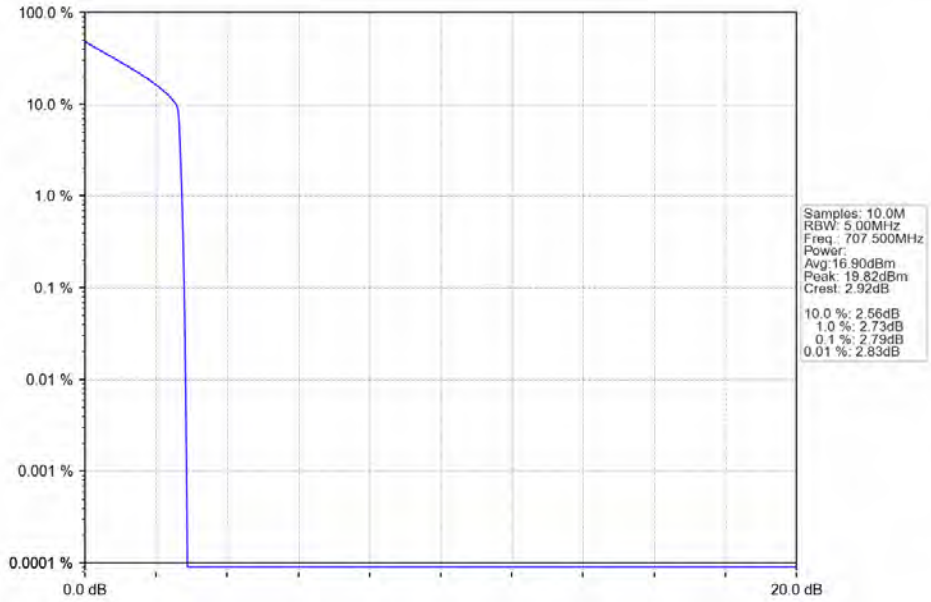
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV

Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV

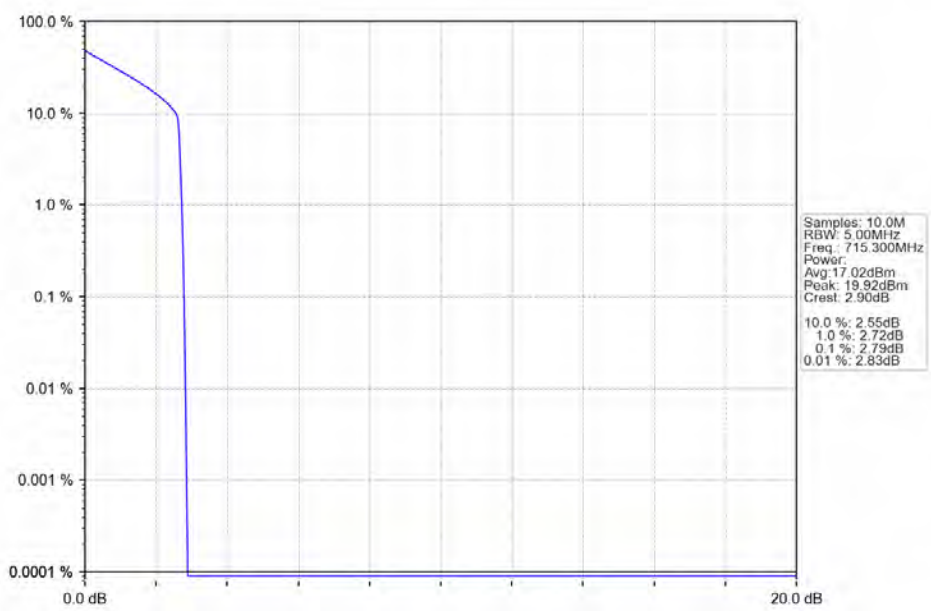
Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV

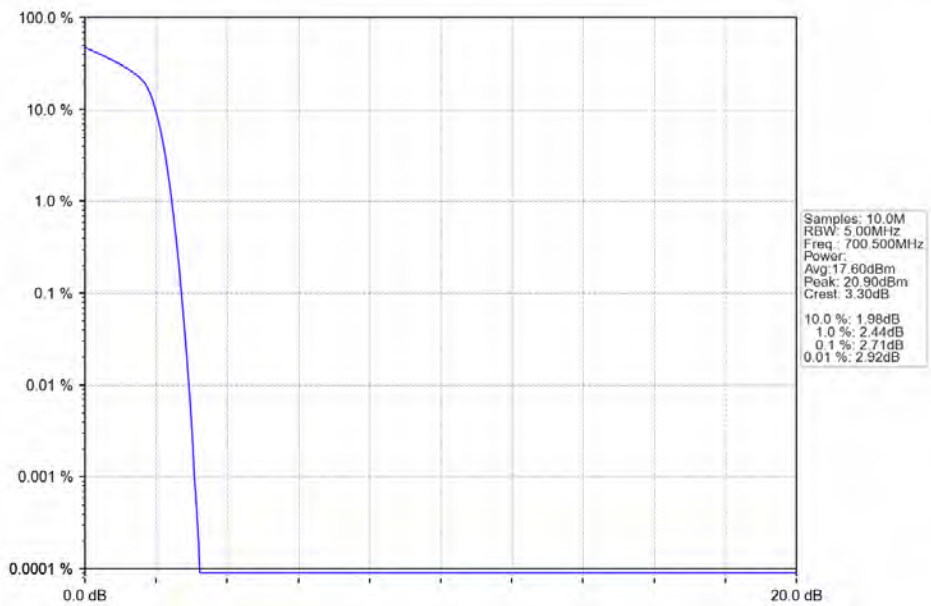


Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV

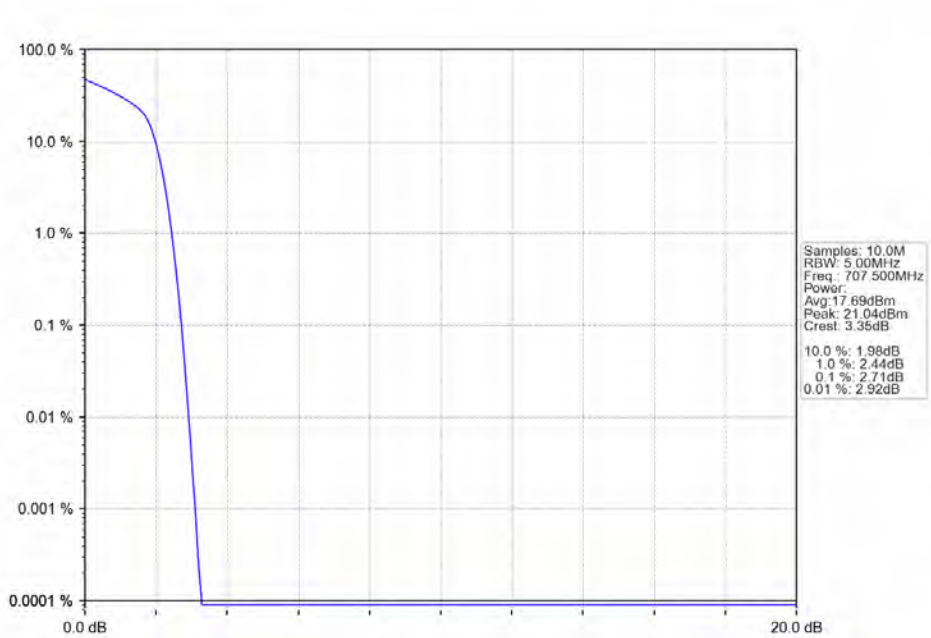


4.2.2 B12_3MHz

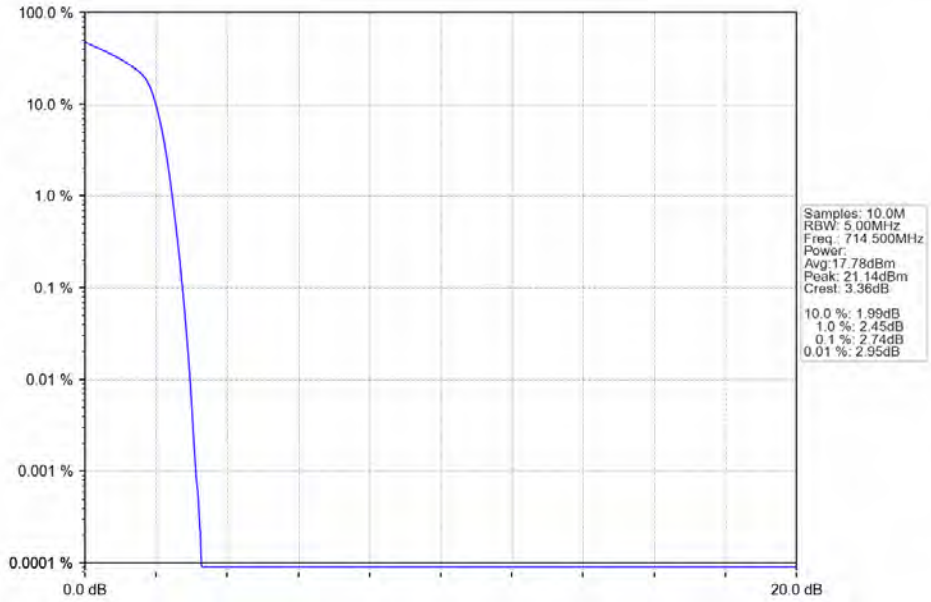
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



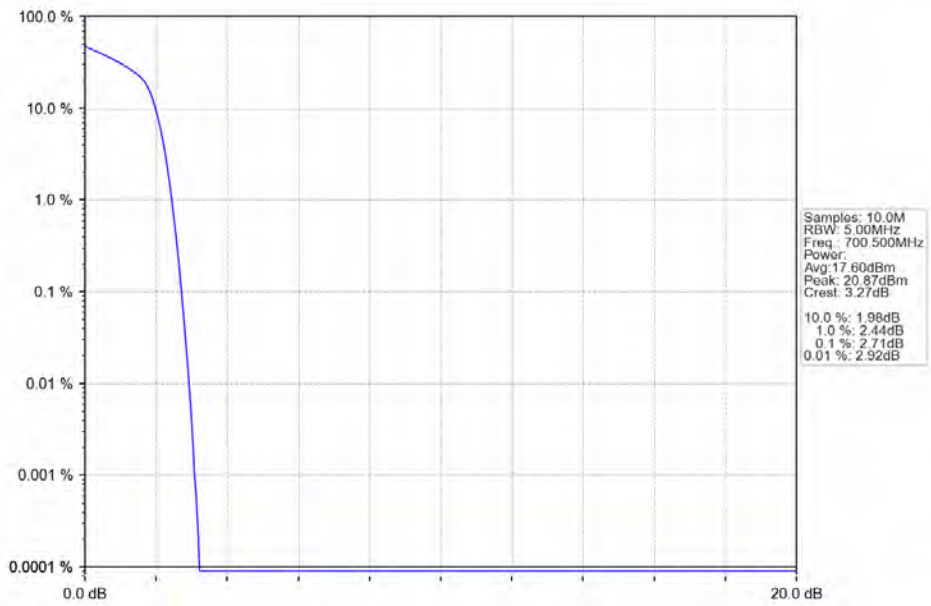
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



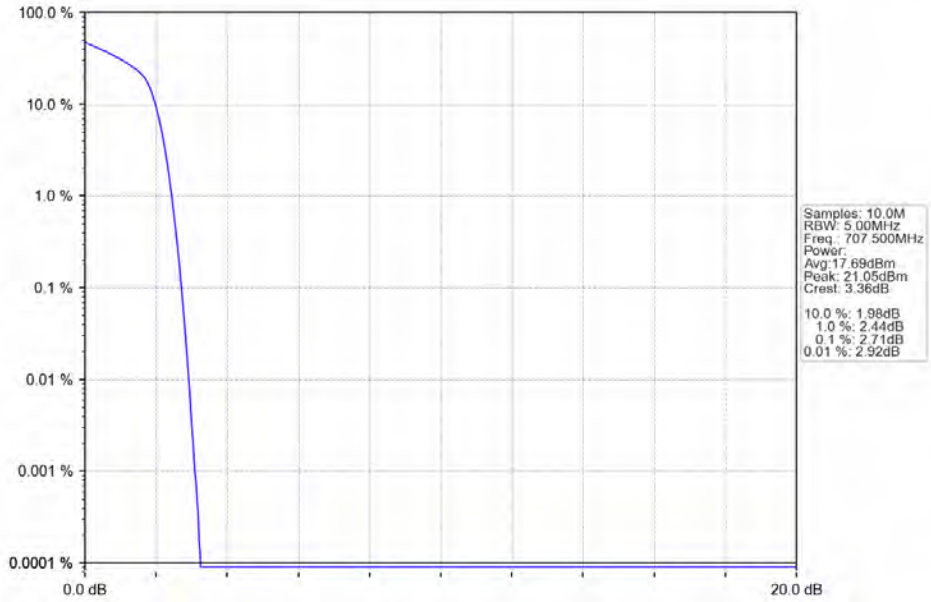
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



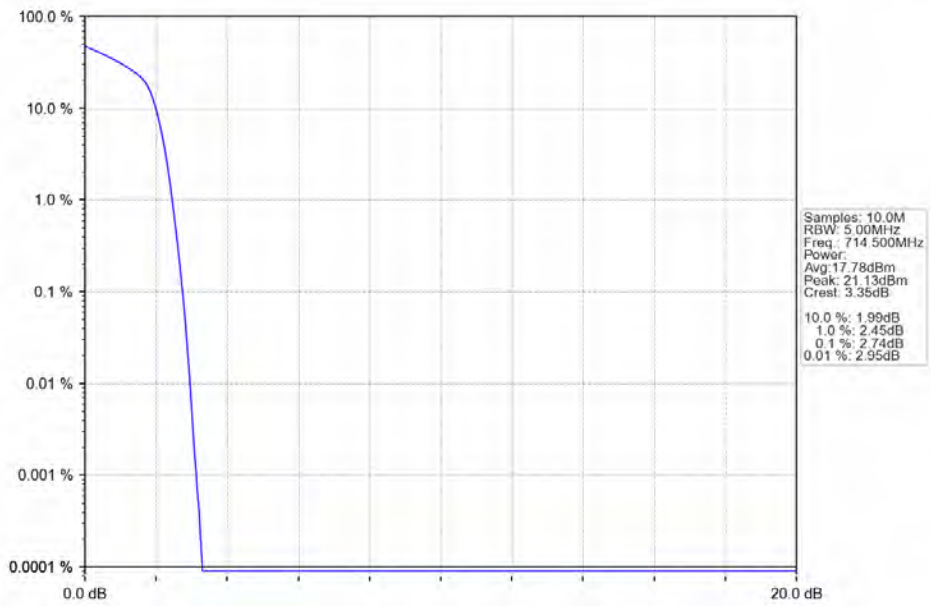
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



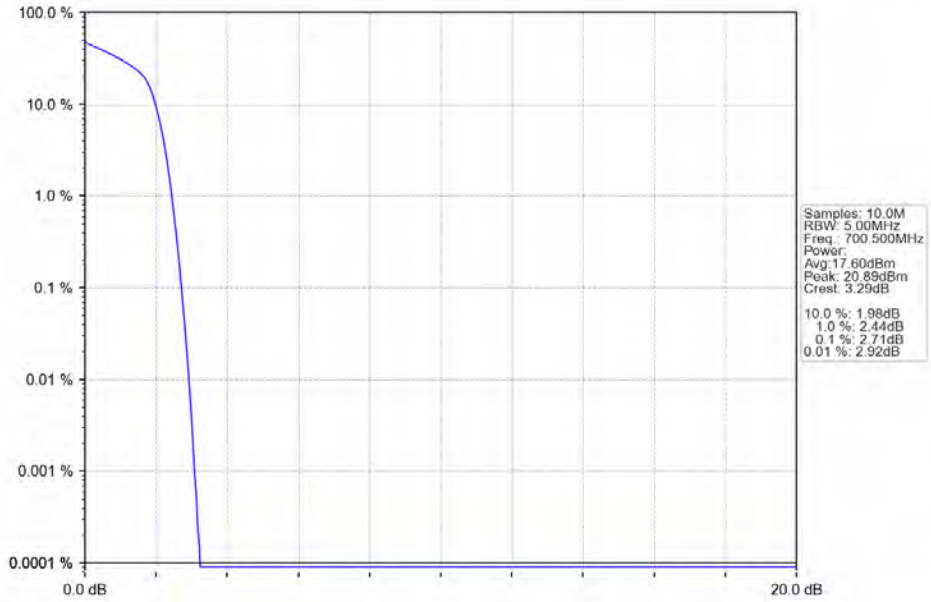
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



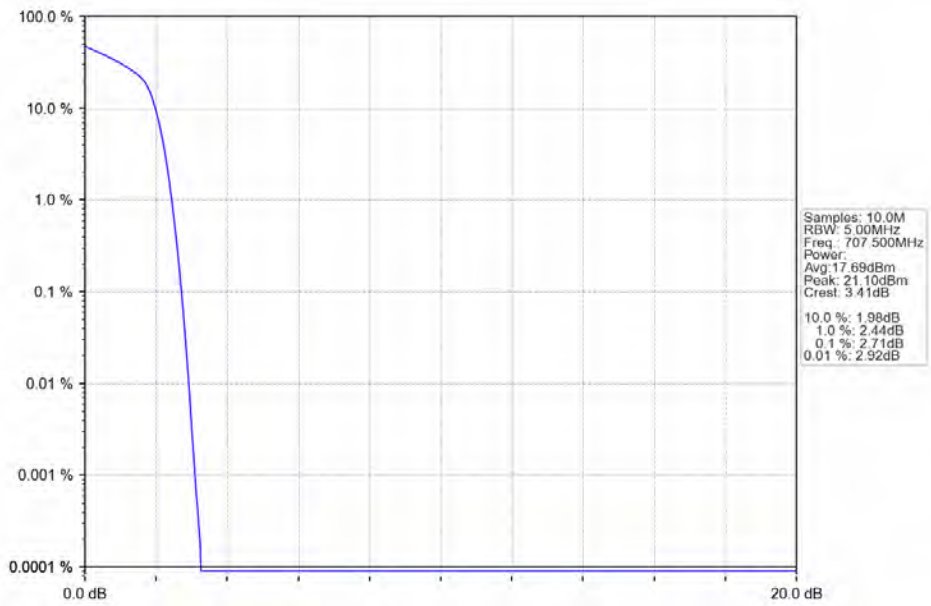
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



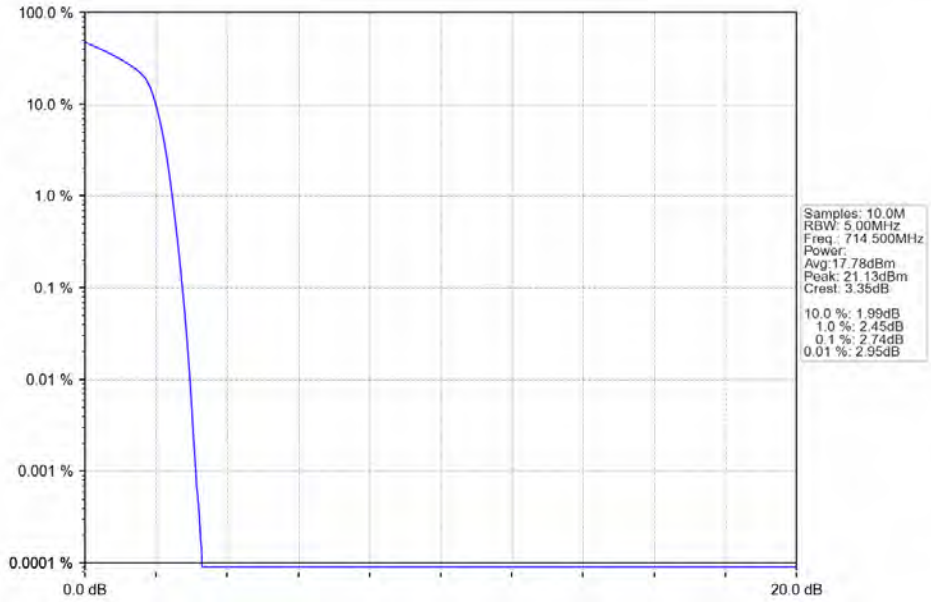
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



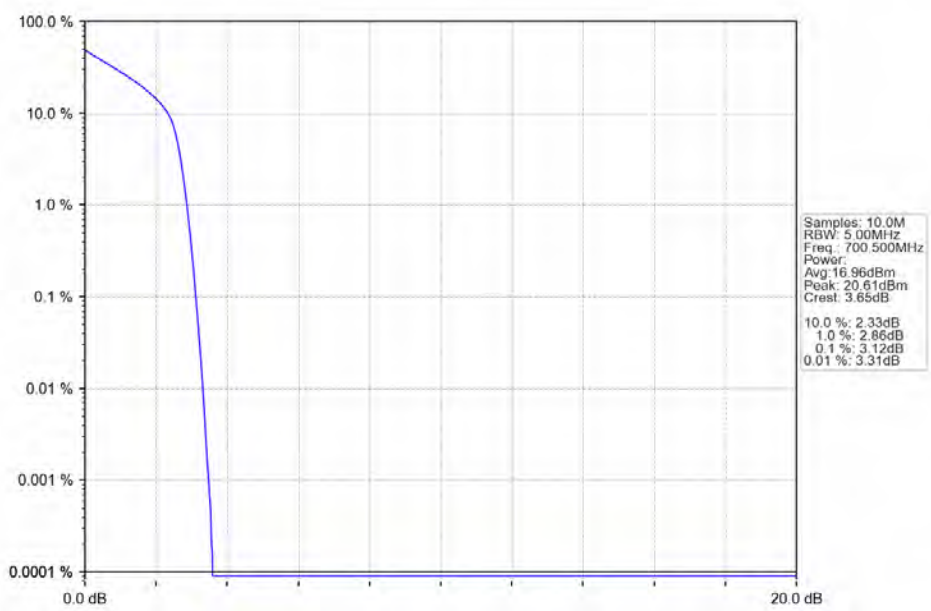
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



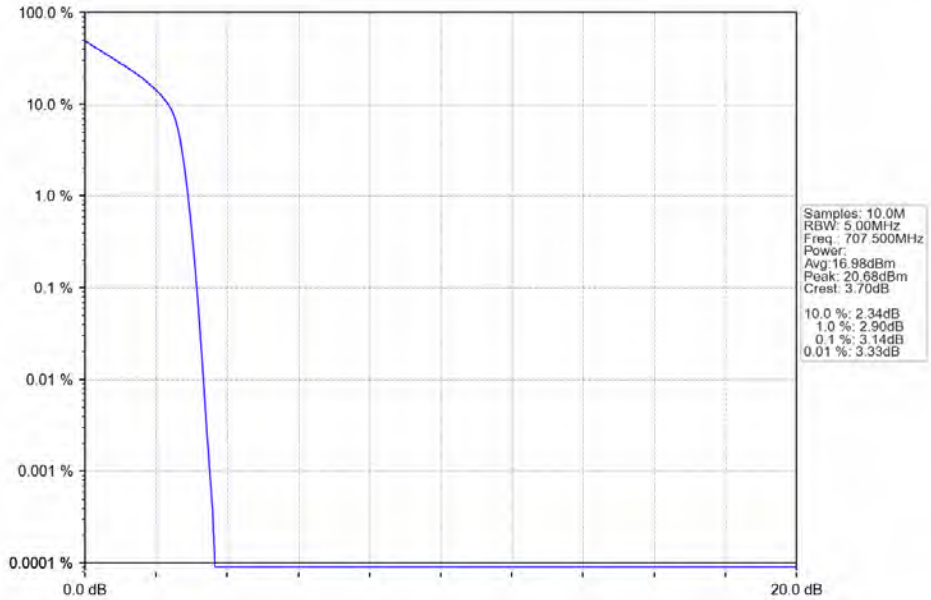
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



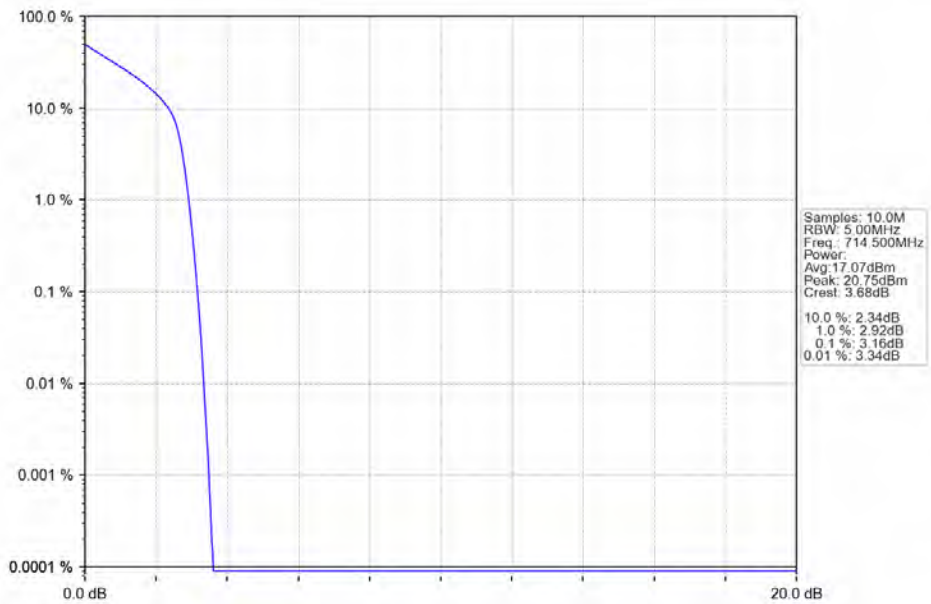
Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV

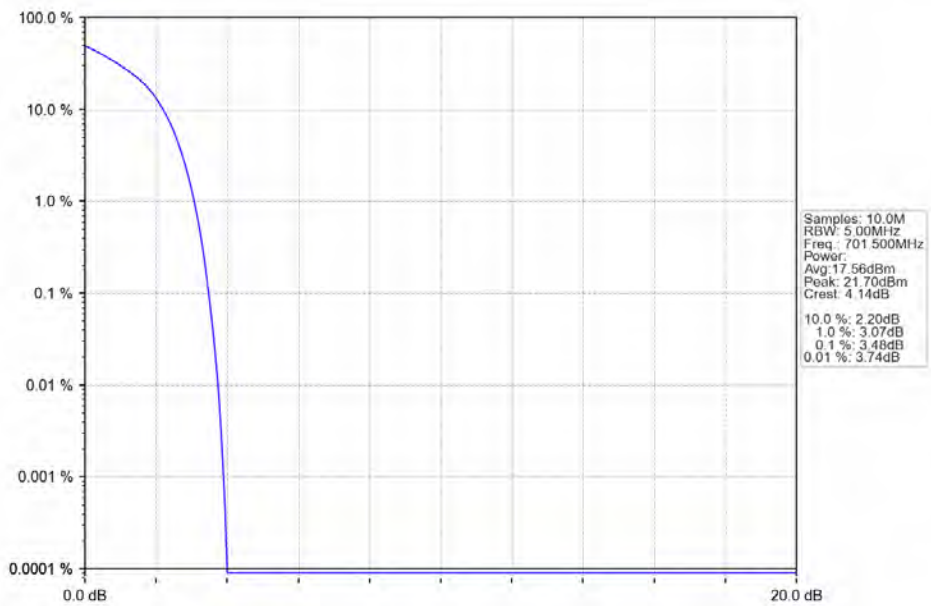


Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV

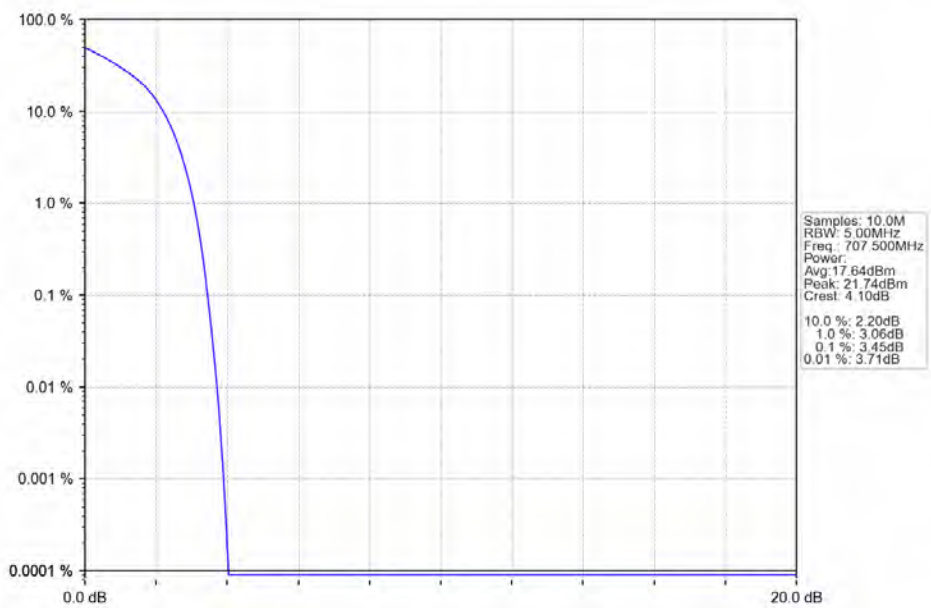


4.2.3 B12_5MHz

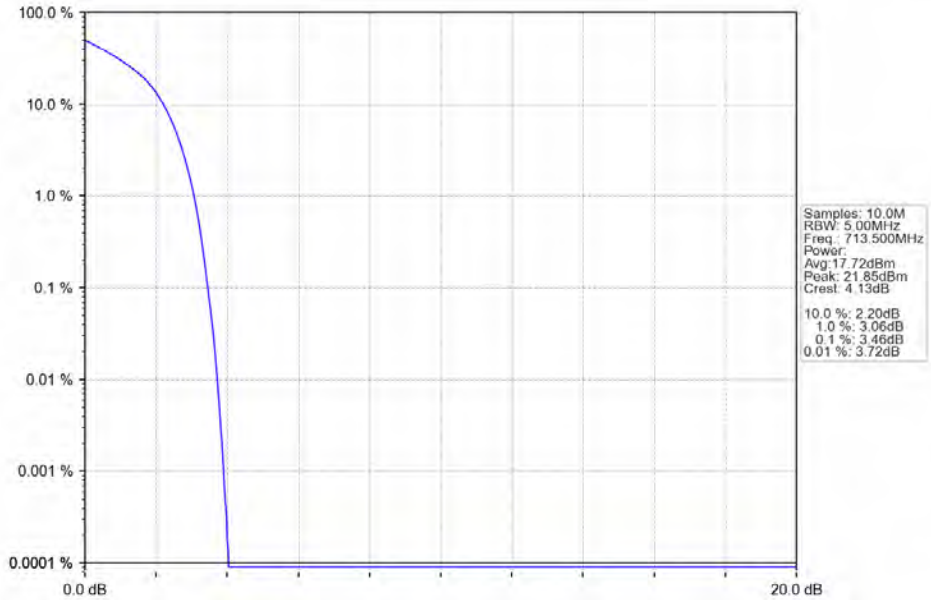
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



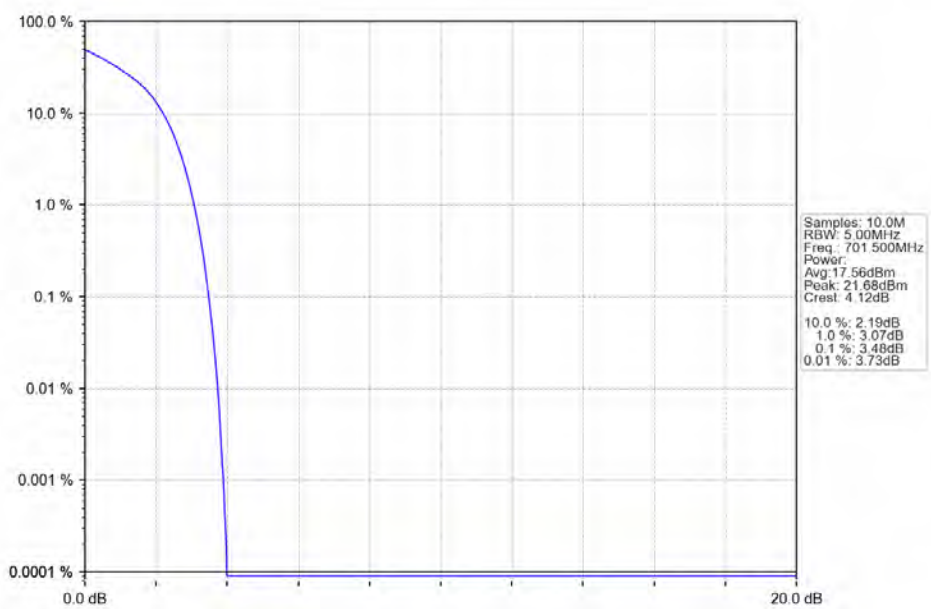
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



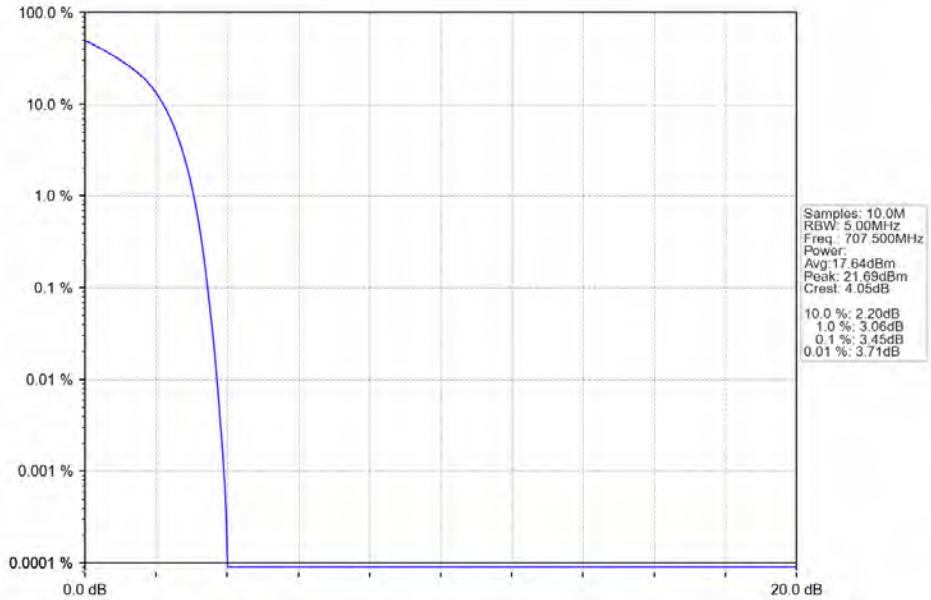
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



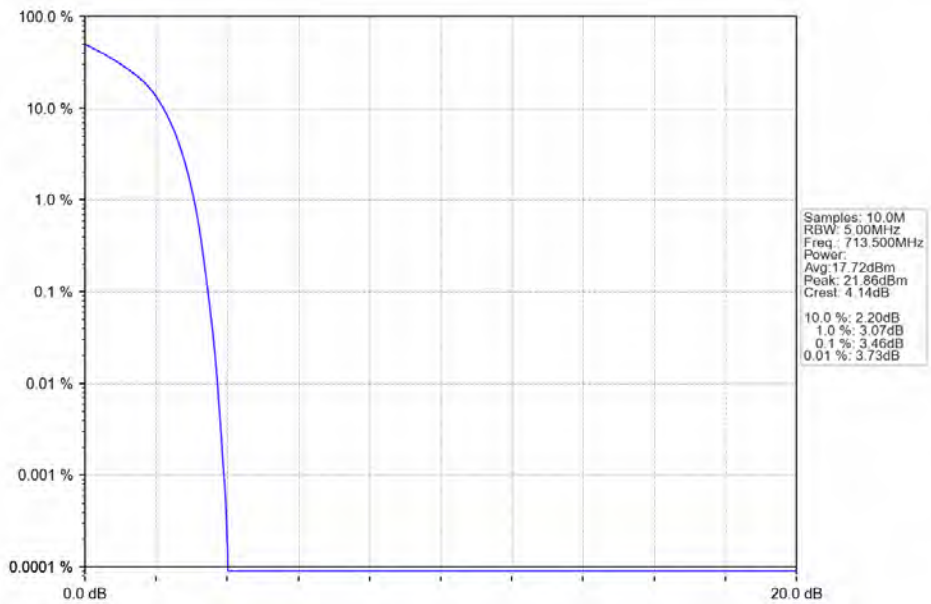
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



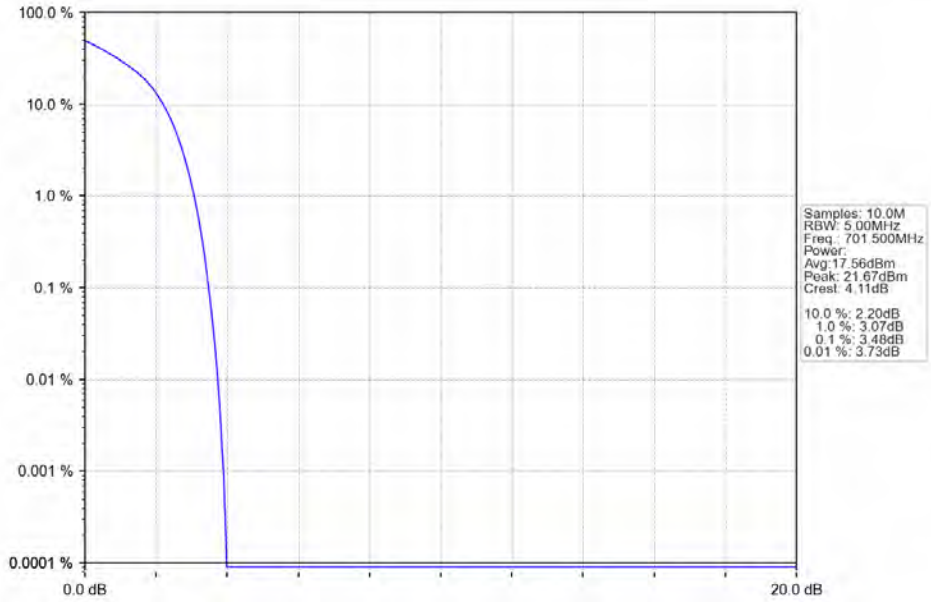
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



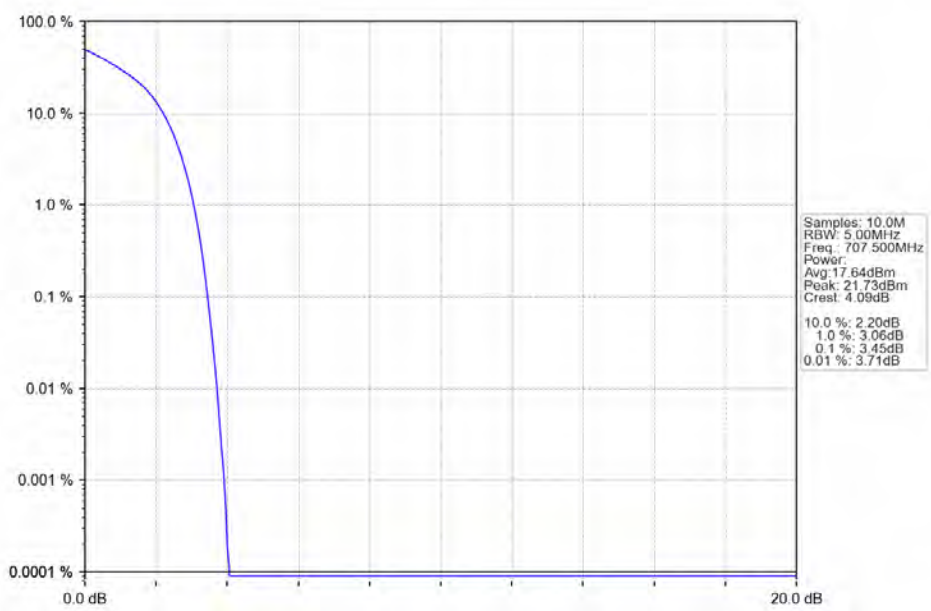
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



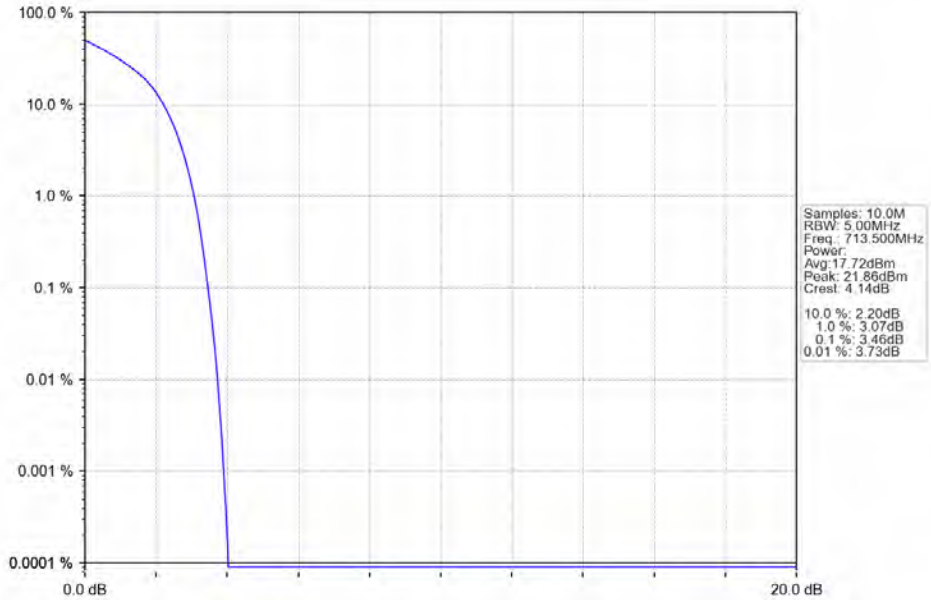
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



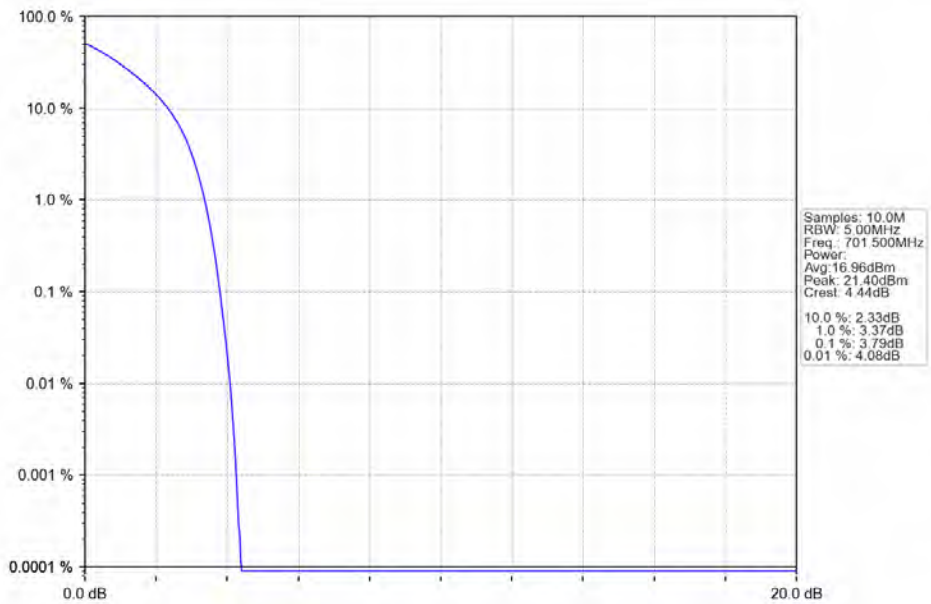
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



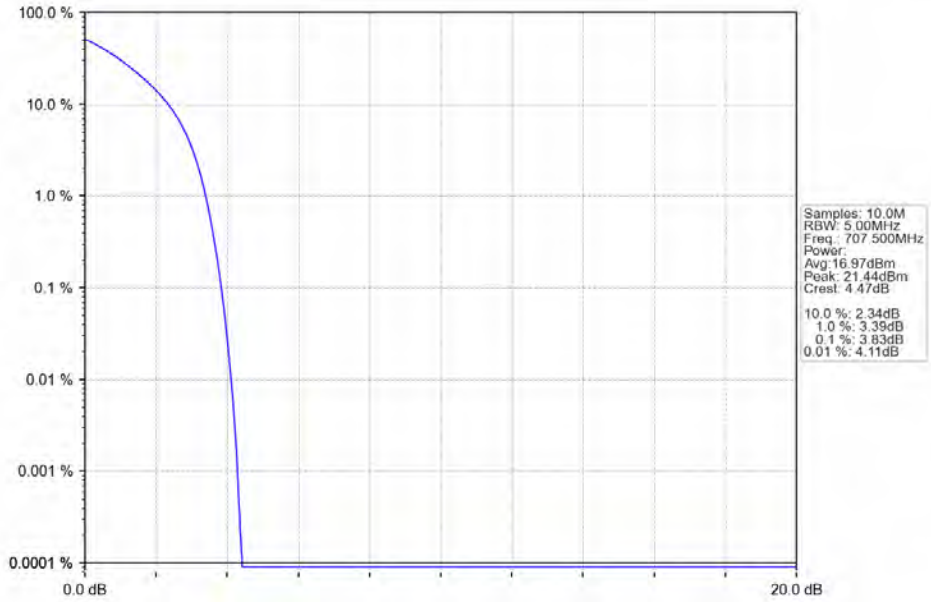
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



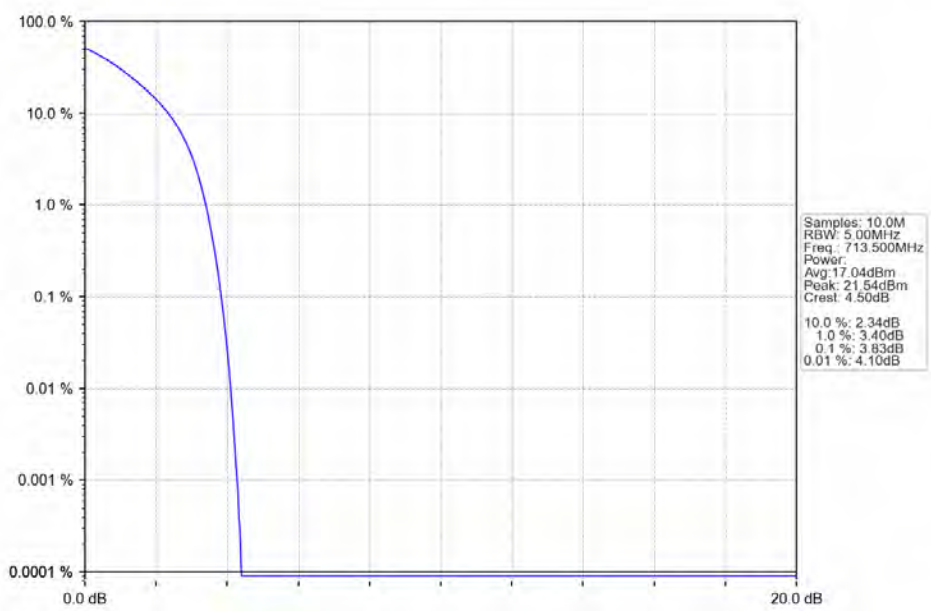
Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV

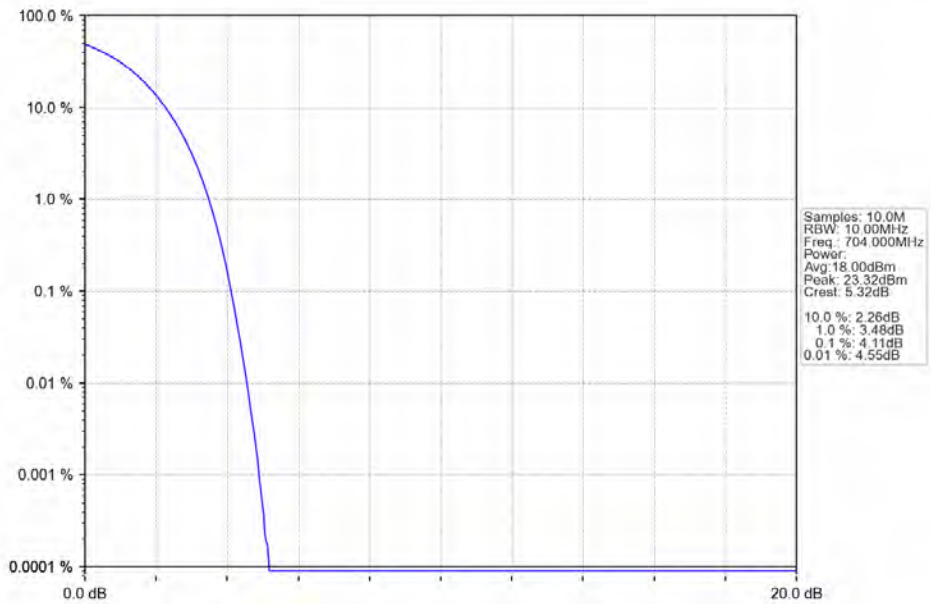


Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV

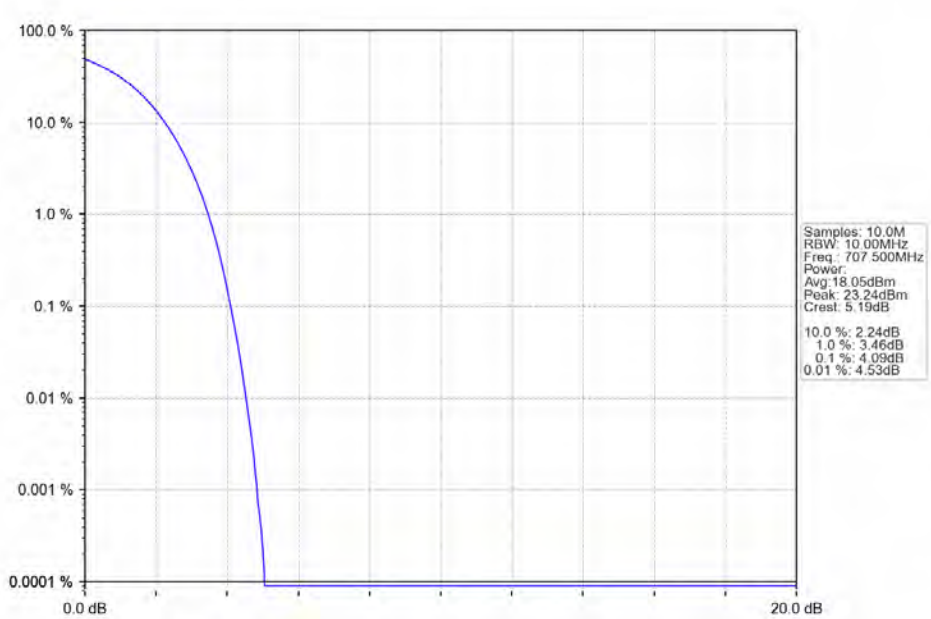


4.2.4 B12_10MHz

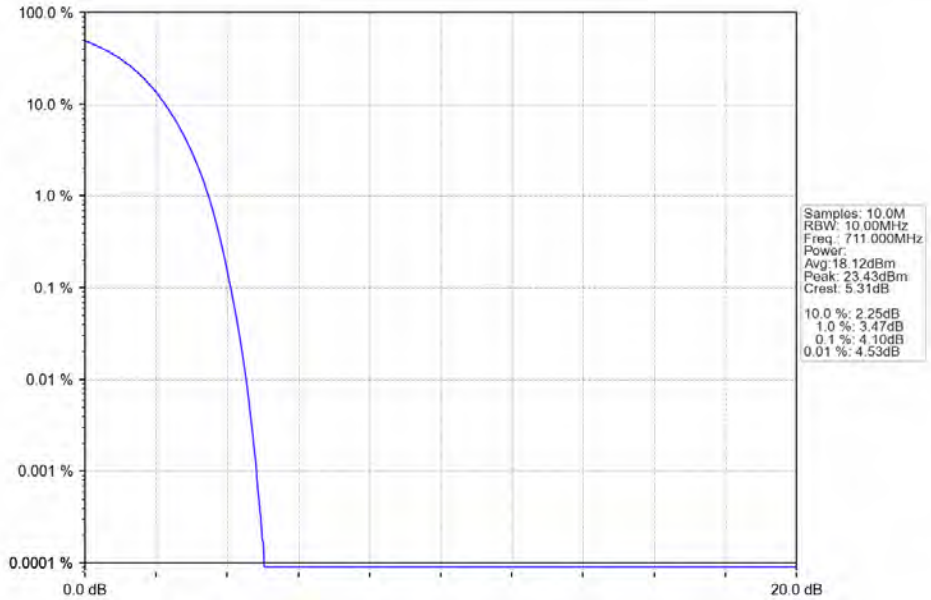
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



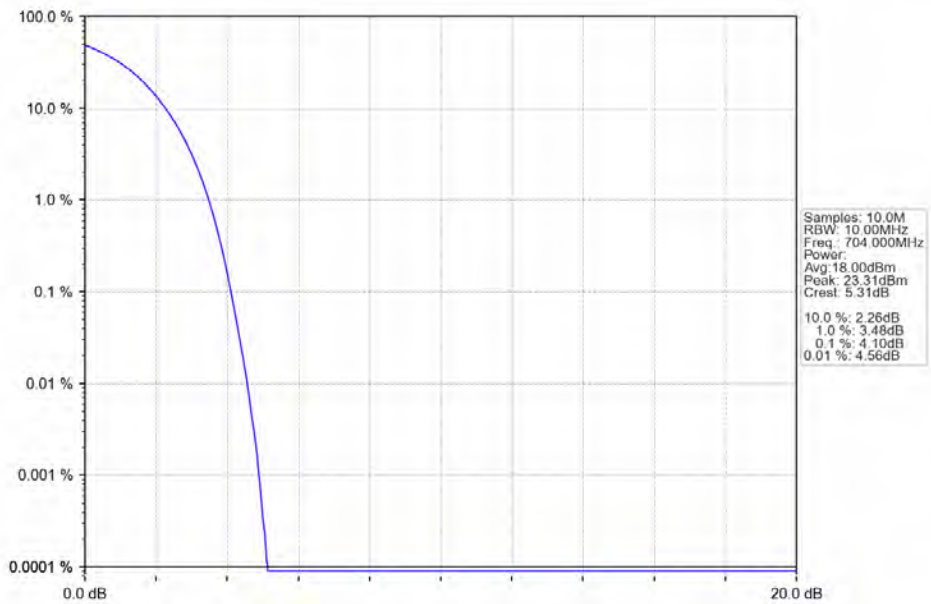
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



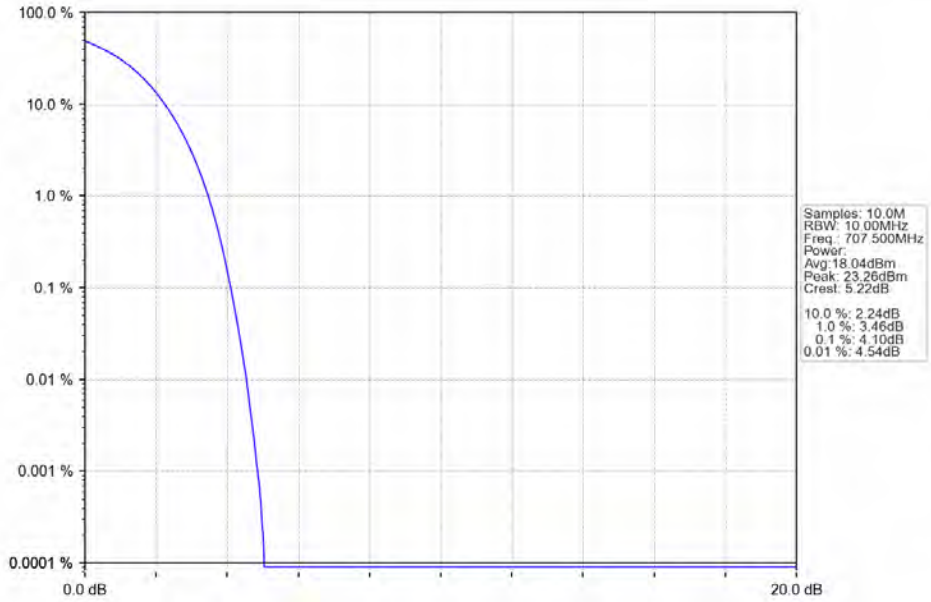
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



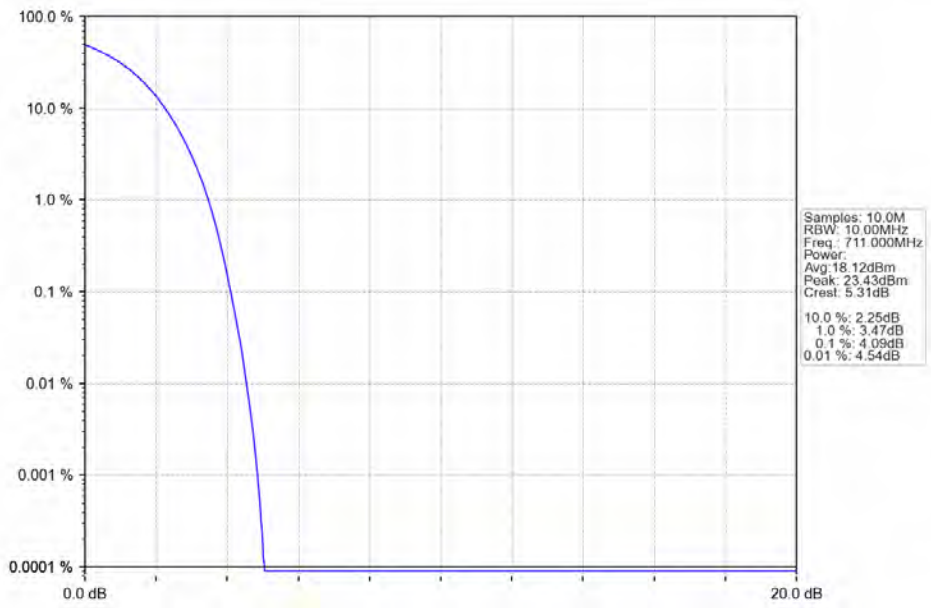
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



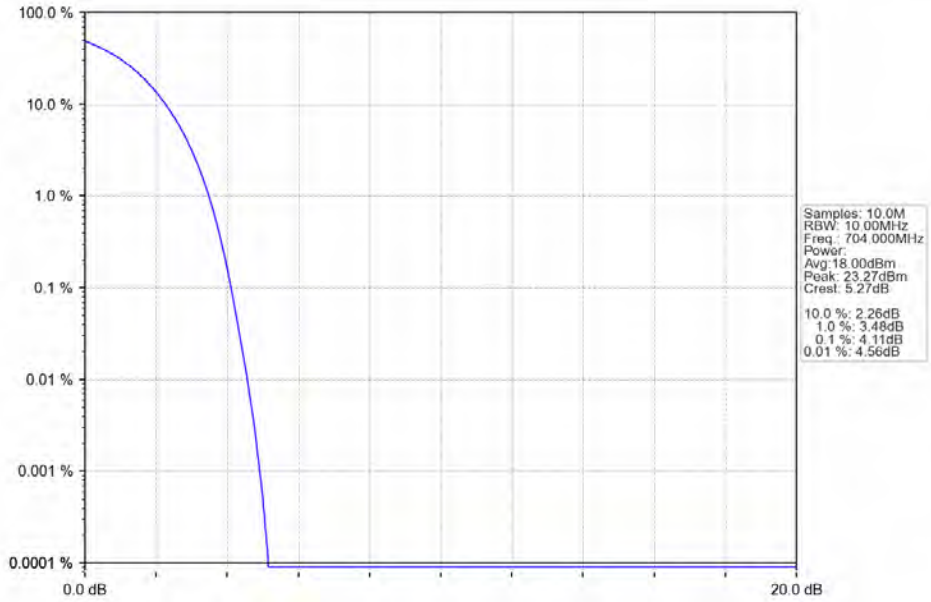
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



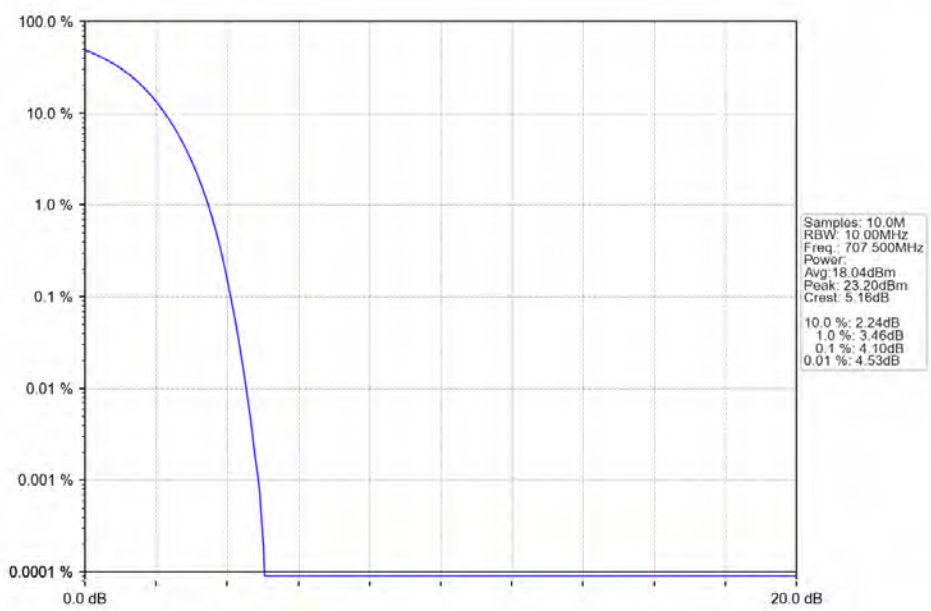
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



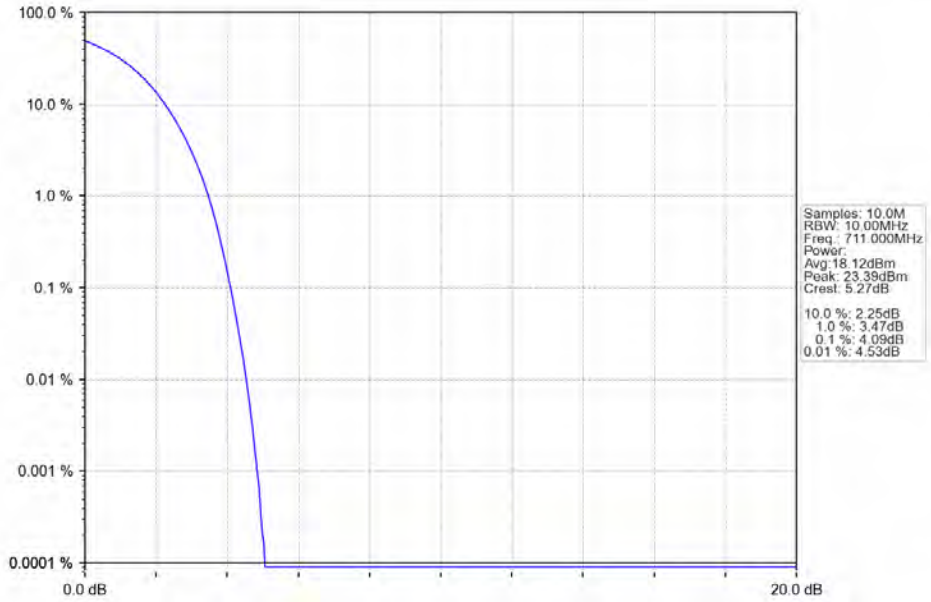
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



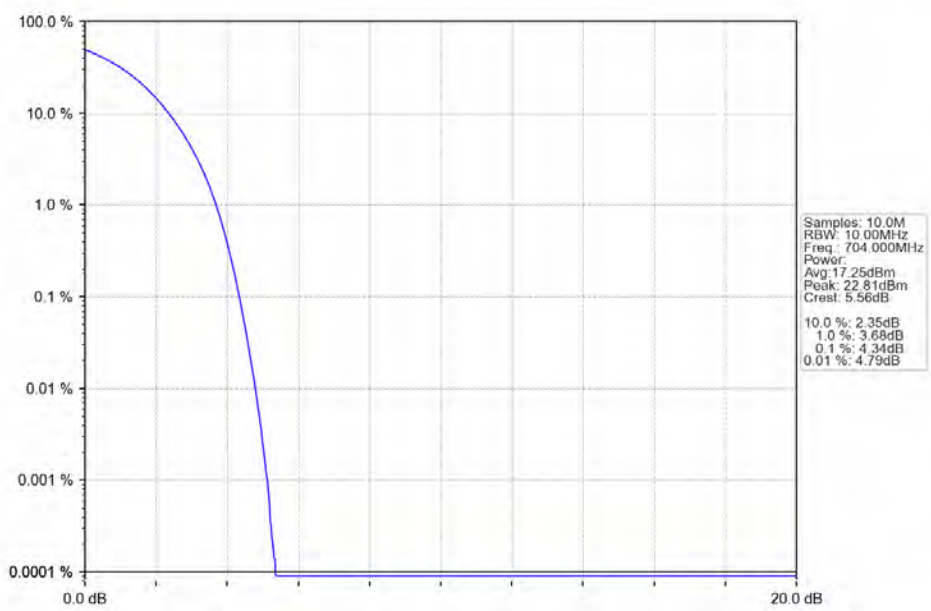
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



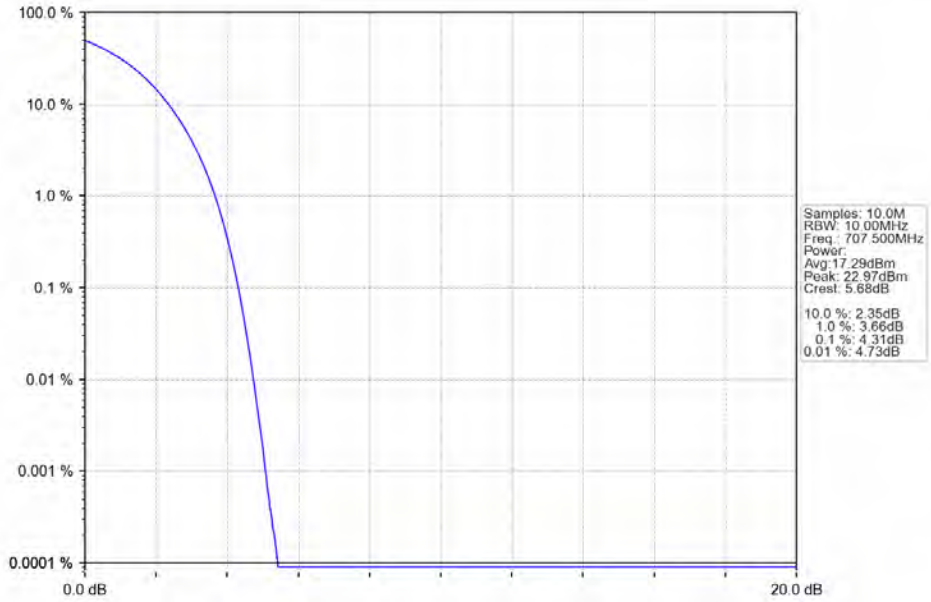
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



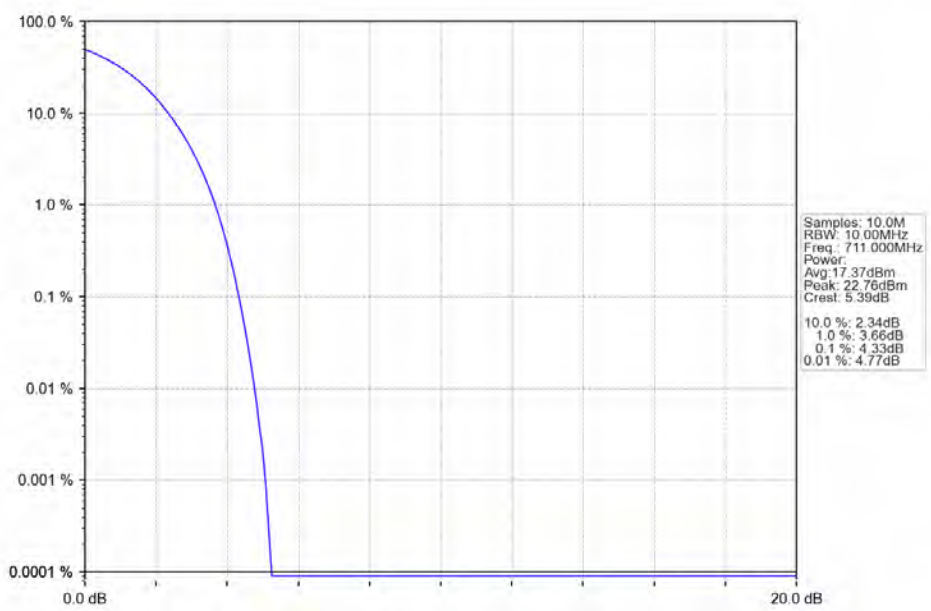
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B12_1.4MHz

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
16QAM	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
64QAM	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
256QAM	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 B12_3MHz

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
16QAM	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
64QAM	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
256QAM	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

5.1.3 B12_5MHz

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
16QAM	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
64QAM	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
256QAM	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

5.1.4 B12_10MHz

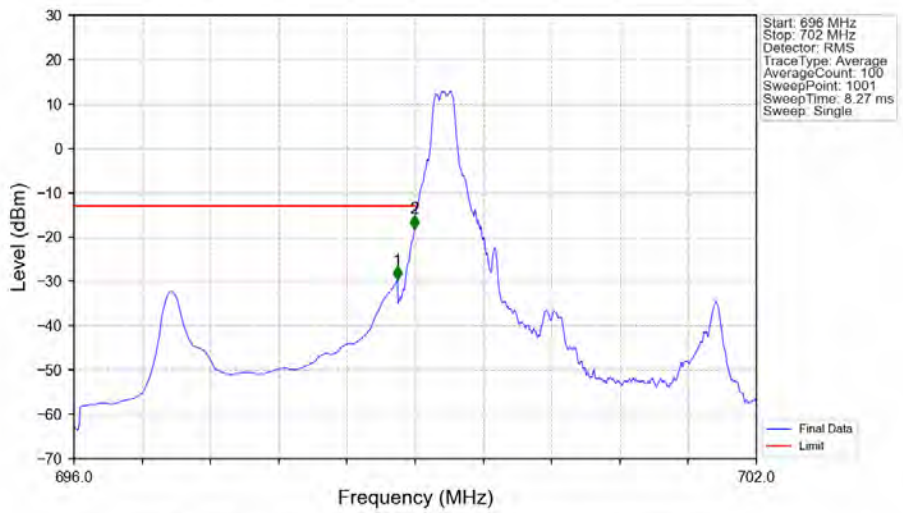
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	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
64QAM	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
256QAM	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

5.2 Test Graph

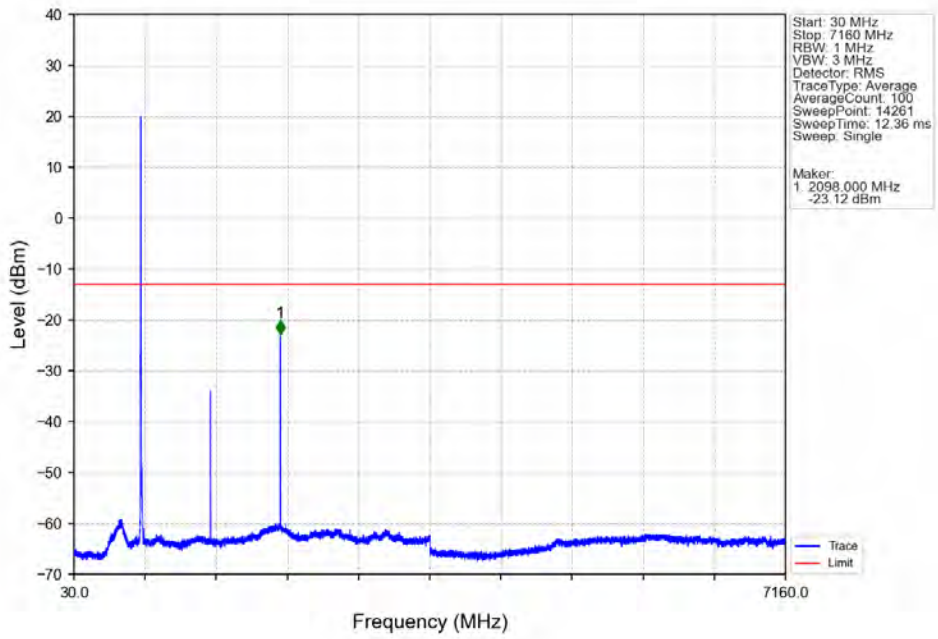
5.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

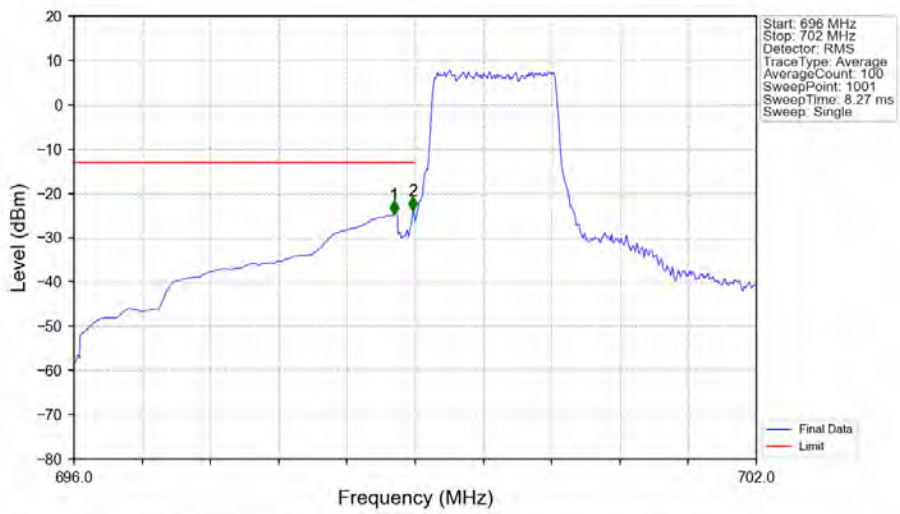


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.65	-13	Pass
698.9	699	0.03	/	2	698.994	-18.13	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

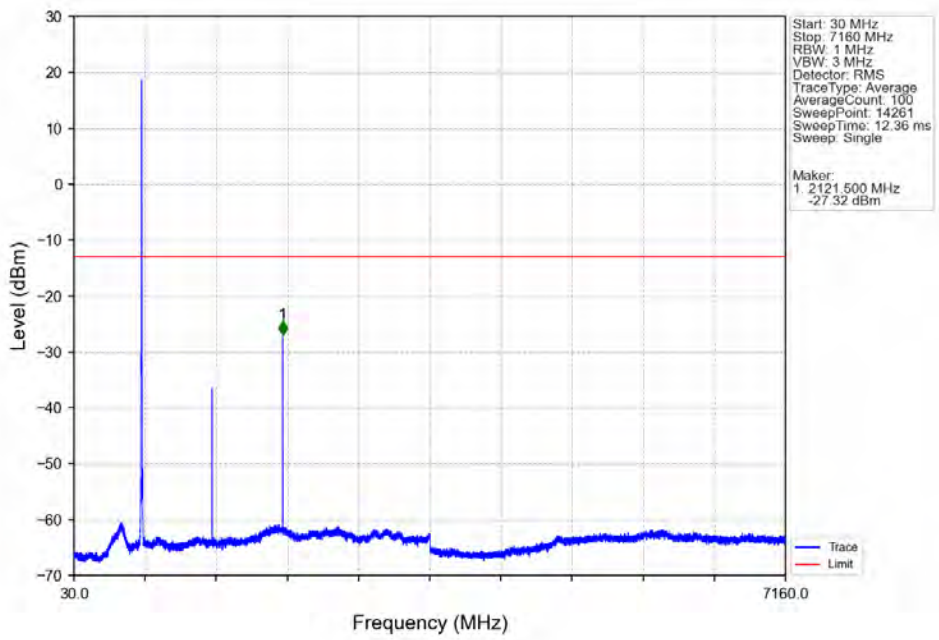


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

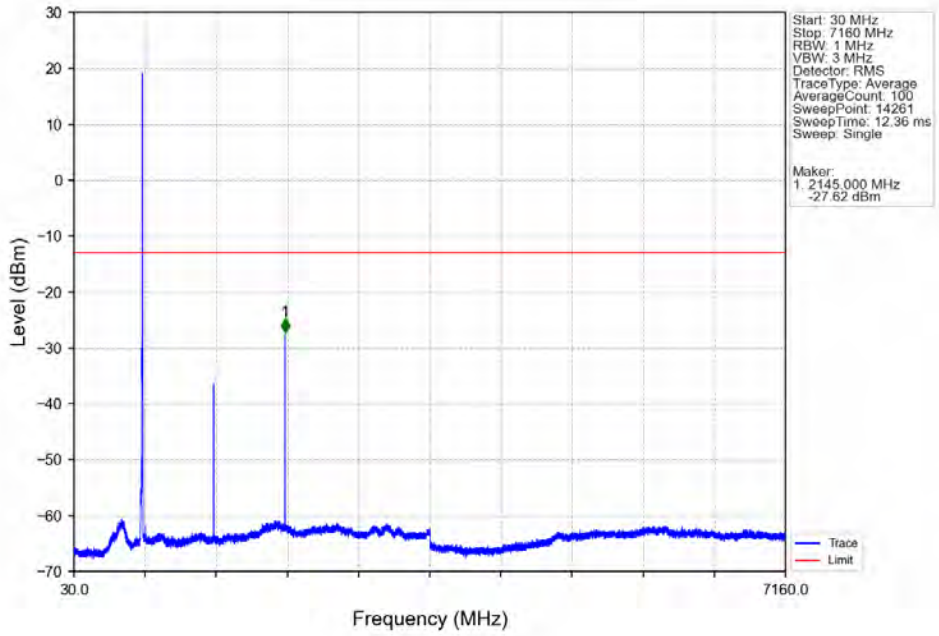


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.814	-24.70	-13	Pass
698.9	699	0.03	/	2	698.982	-23.81	-13	Pass
699	702	0.03	/	/	/	/	/	/

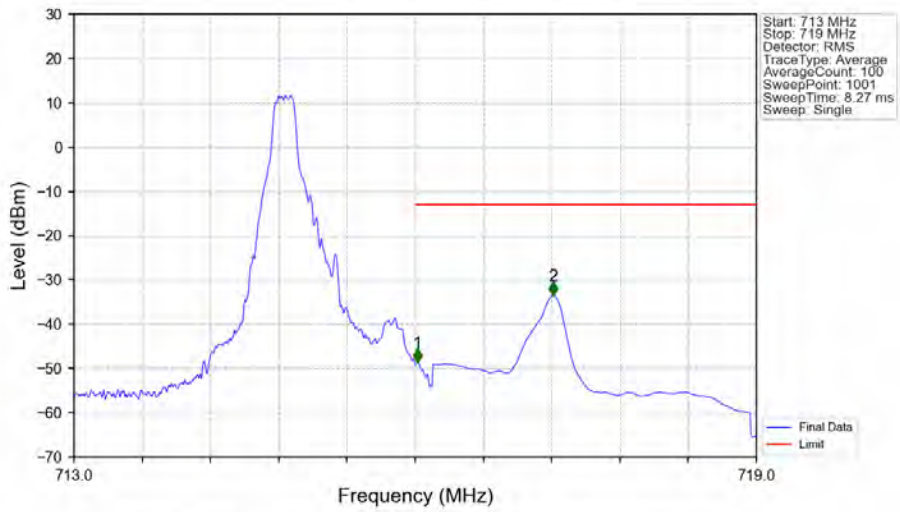
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

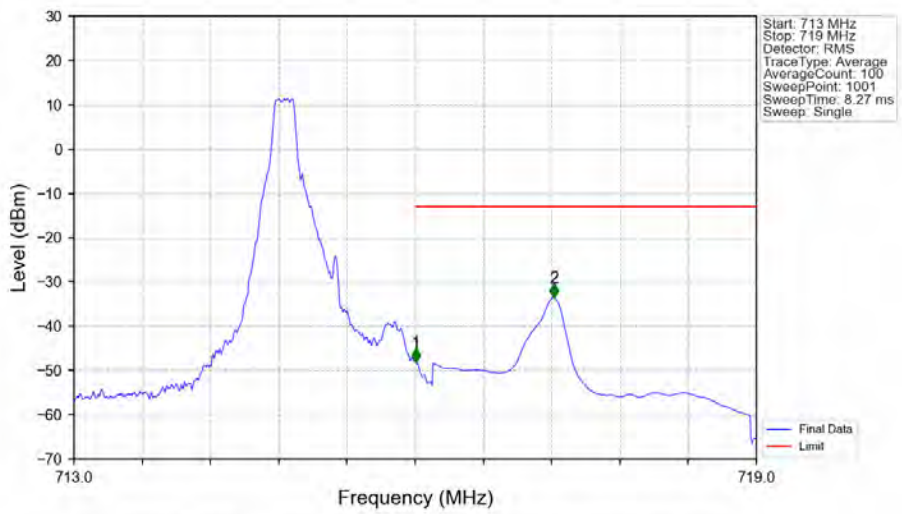


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



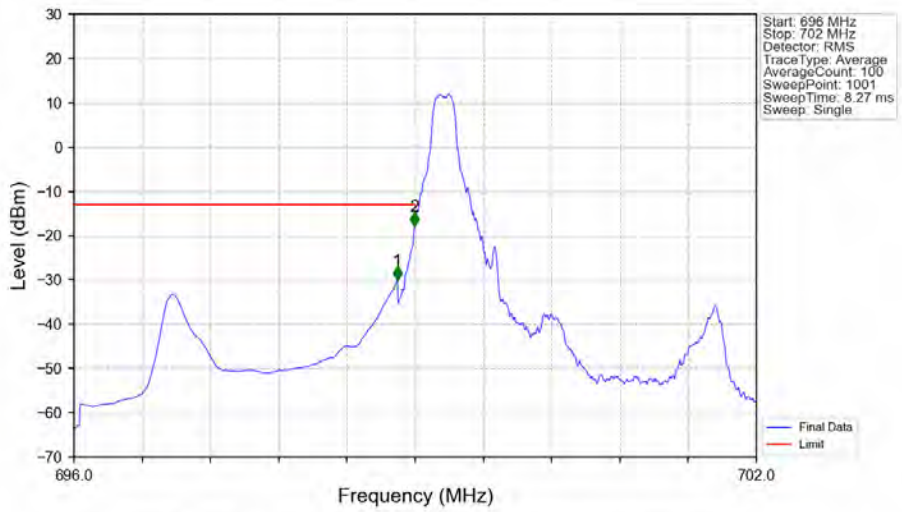
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-48.64	-13	Pass
716.1	719	0.1	CHP	2	717.212	-33.50	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



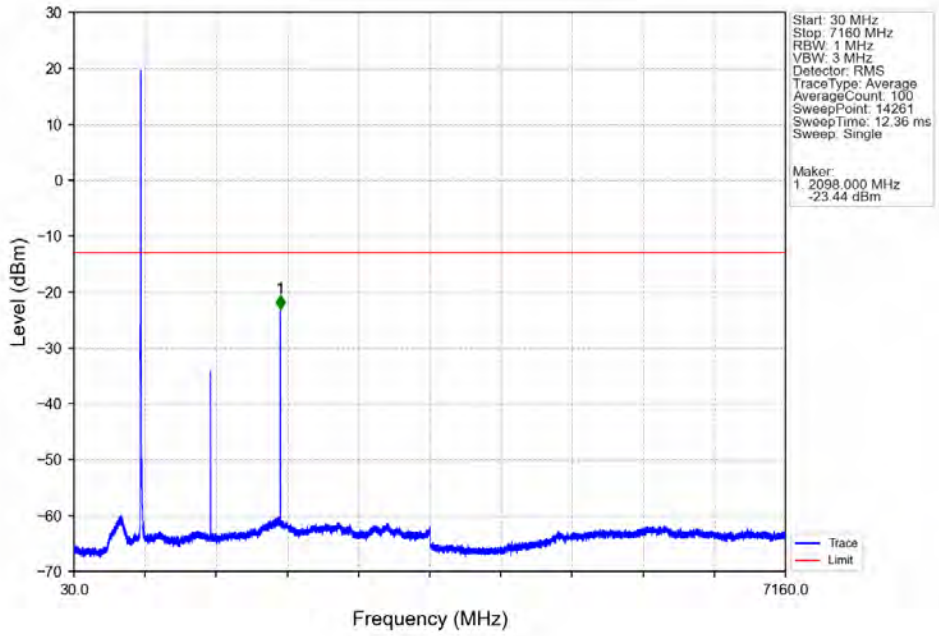
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-48.09	-13	Pass
716.1	719	0.1	CHP	2	717.218	-33.58	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

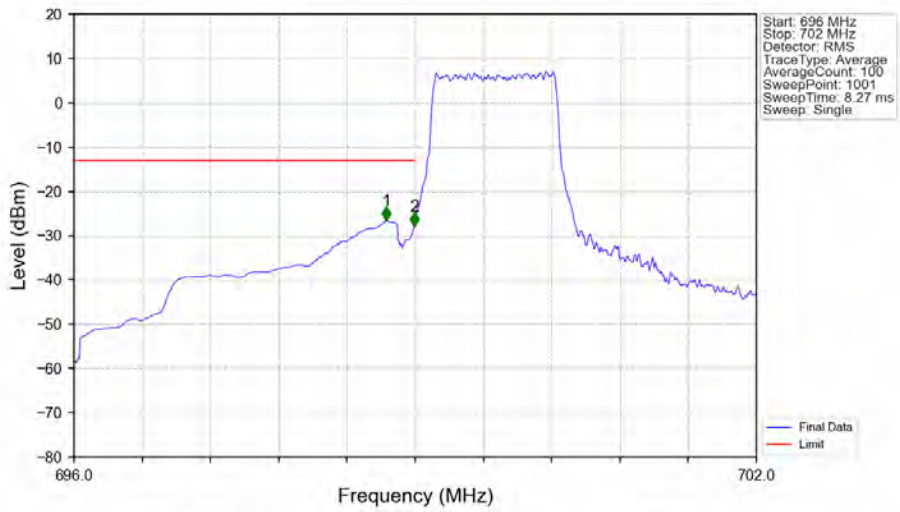


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.99	-13	Pass
698.9	699	0.03	/	2	698.994	-17.92	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

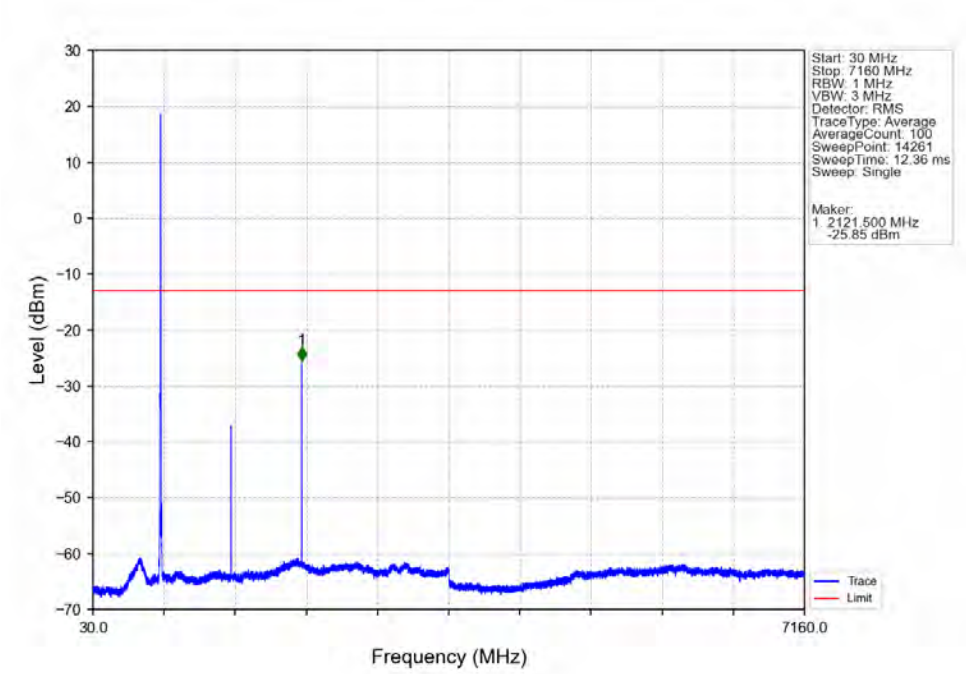


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

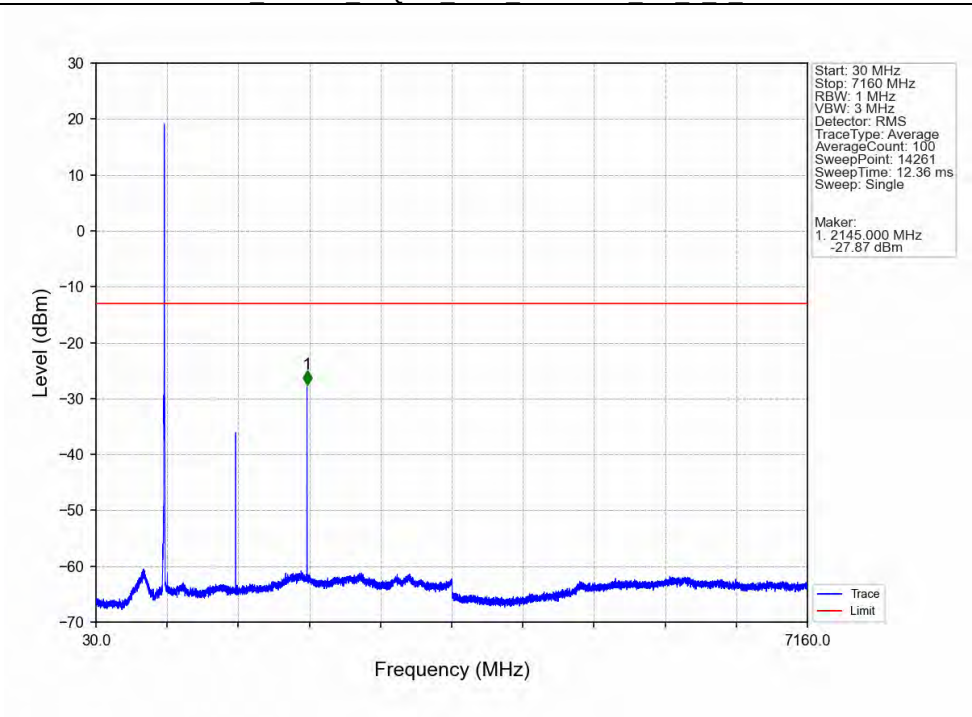


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.748	-26.64	-13	Pass
698.9	699	0.03	/	2	698.994	-27.86	-13	Pass
699	702	0.03	/	/	/	/	/	/

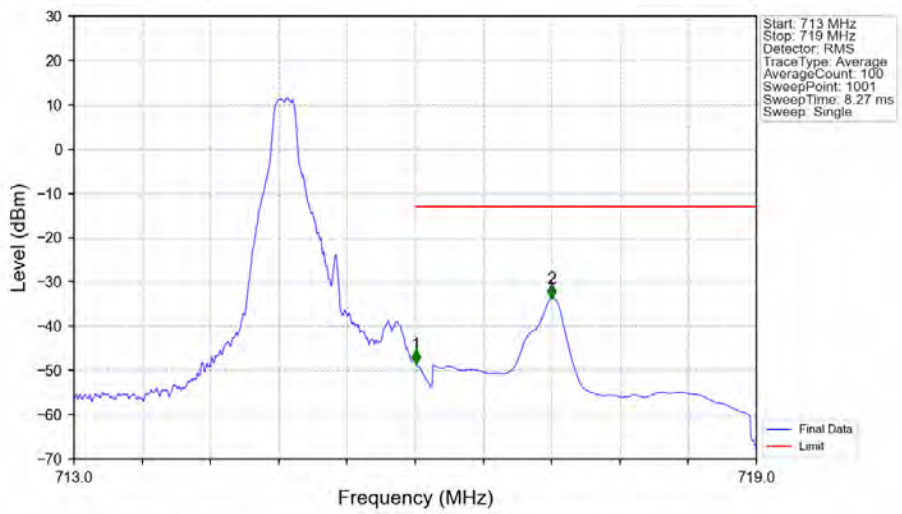
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

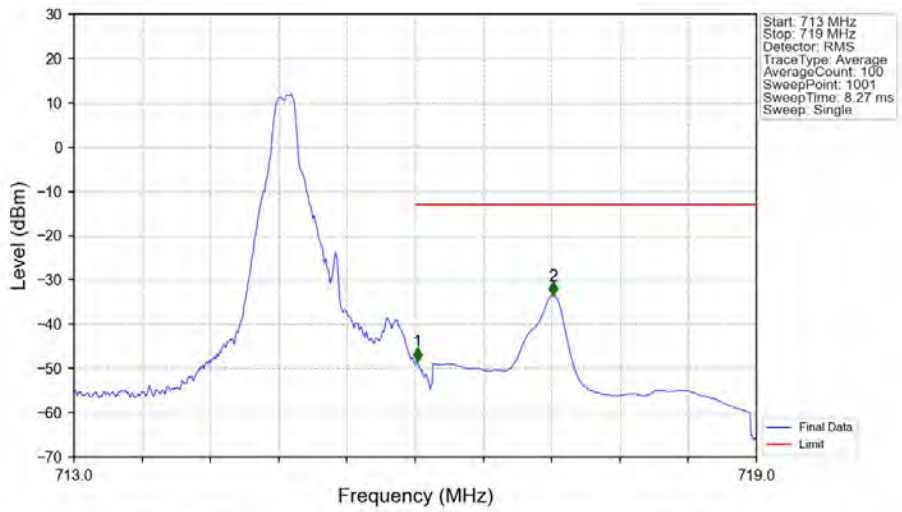


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



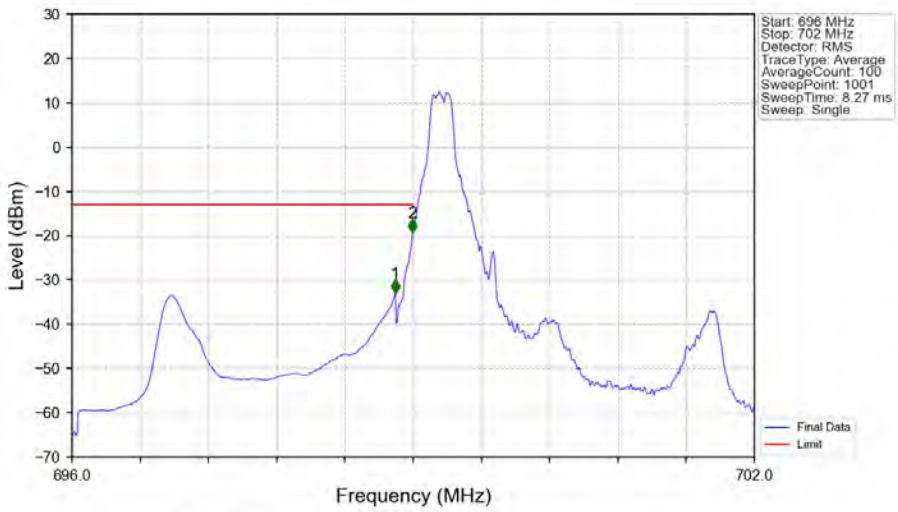
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-48.47	-13	Pass
716.1	719	0.1	CHP	2	717.200	-33.65	-13	Pass

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



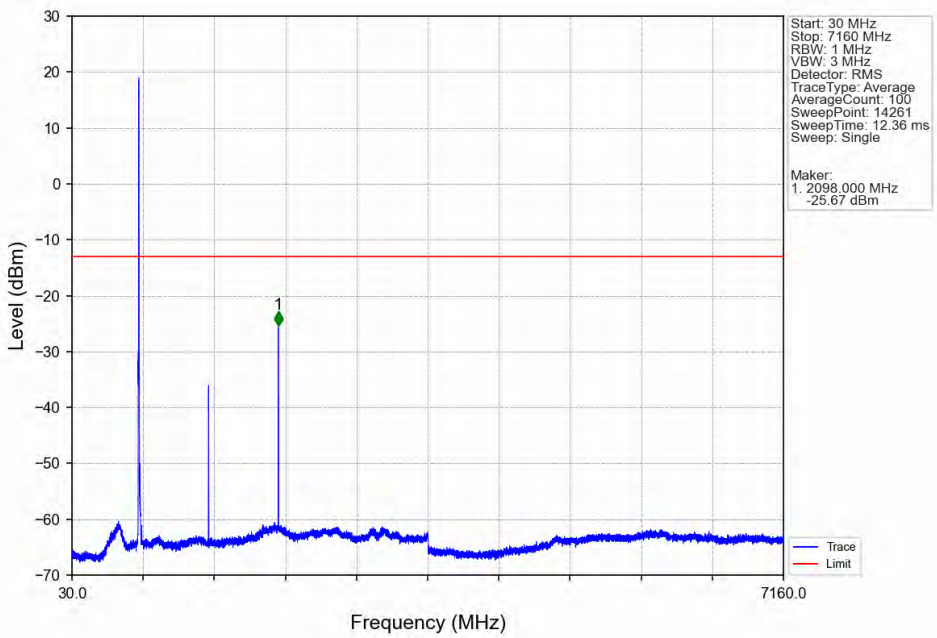
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-48.36	-13	Pass
716.1	719	0.1	CHP	2	717.212	-33.46	-13	Pass

Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV

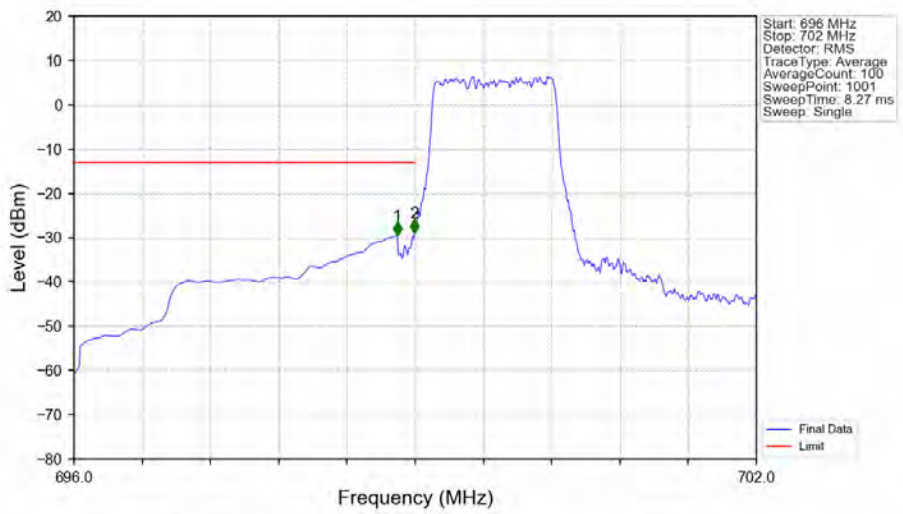


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.03	-13	Pass
698.9	699	0.03	/	2	698.994	-19.28	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV

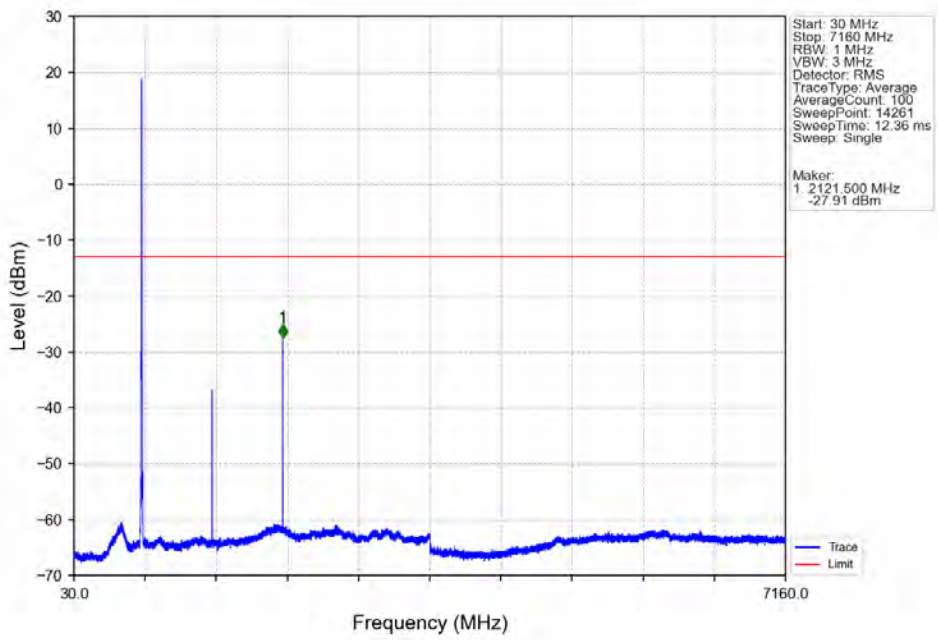


Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV

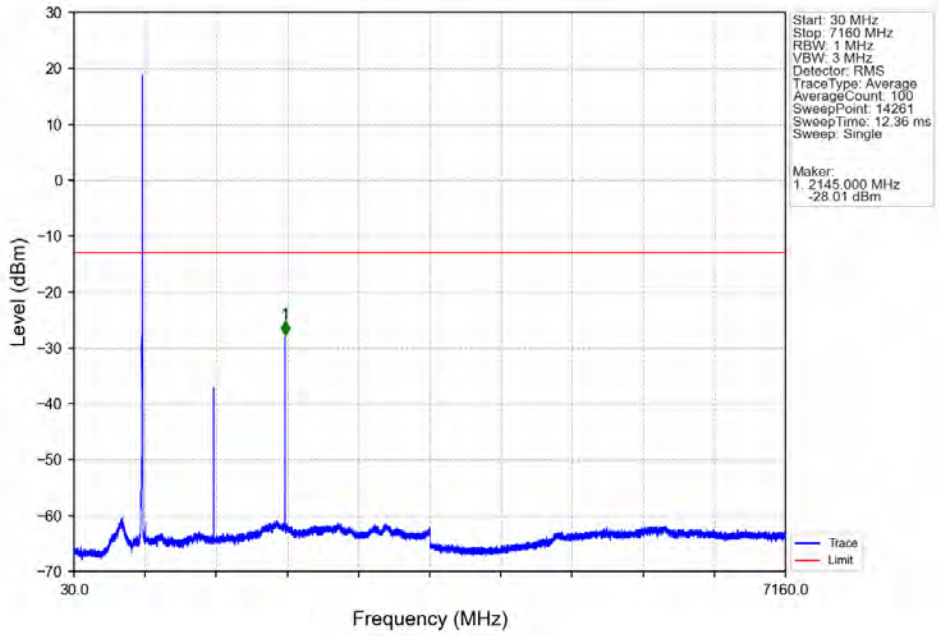


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.56	-13	Pass
698.9	699	0.03	/	2	698.994	-28.98	-13	Pass
699	702	0.03	/	/	/	/	/	/

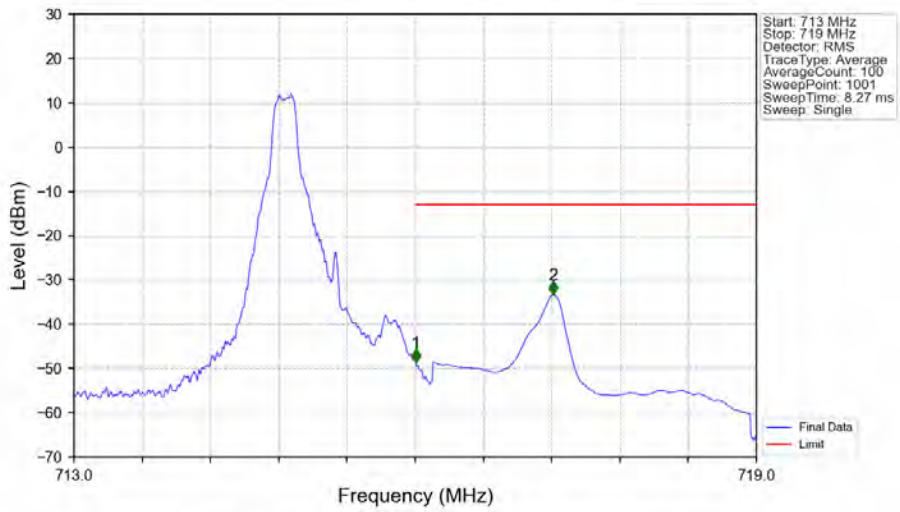
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_1_0_NTNV

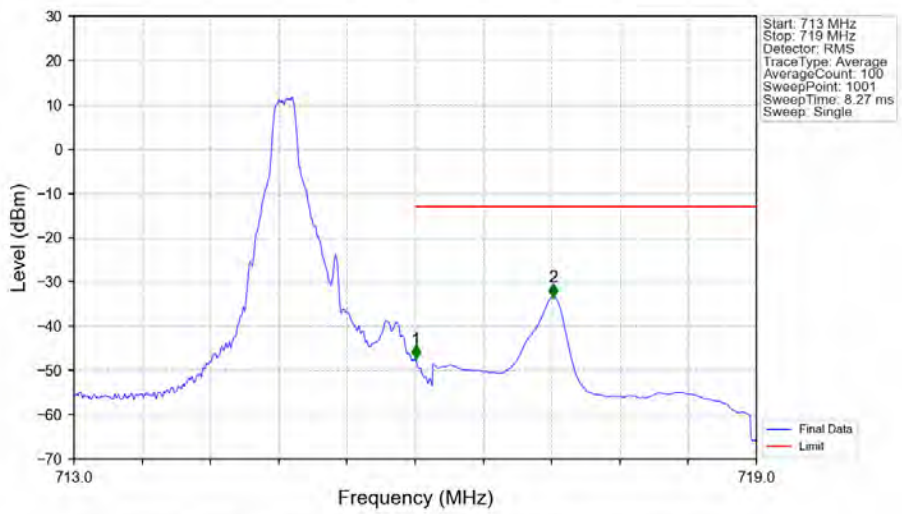


Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_1_5_NTNV



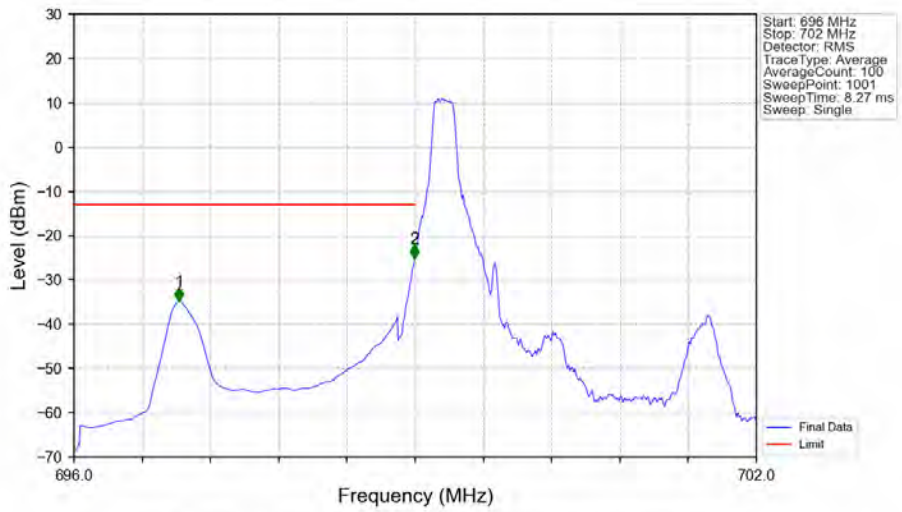
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-48.59	-13	Pass
716.1	719	0.1	CHP	2	717.212	-33.35	-13	Pass

Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



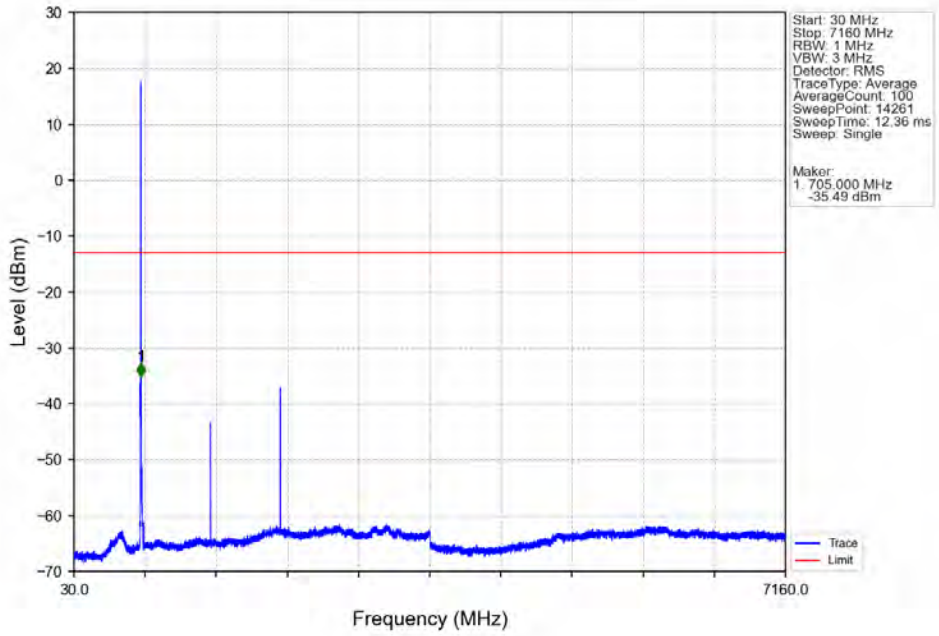
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-47.34	-13	Pass
716.1	719	0.1	CHP	2	717.212	-33.42	-13	Pass

Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_1_0_NTNV

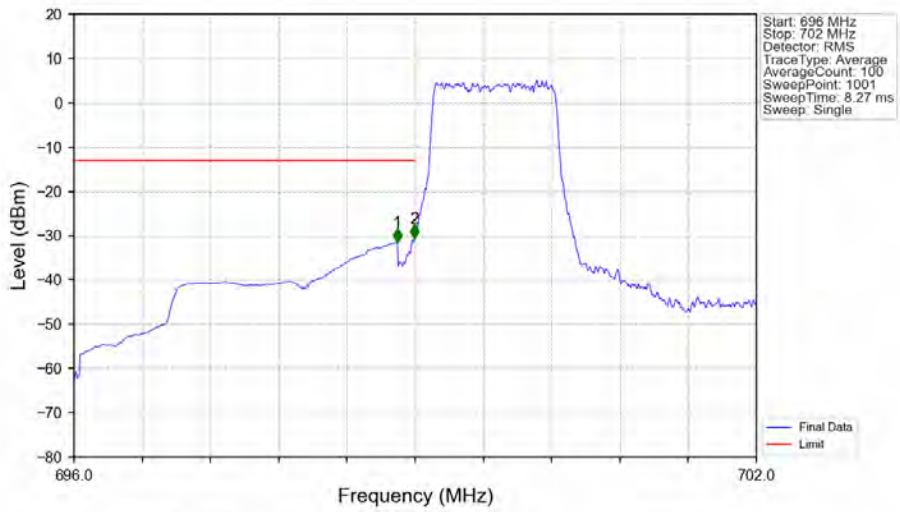


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	696.924	-34.83	-13	Pass
698.9	699	0.03	/	2	698.994	-25.19	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_1_0_NTNV

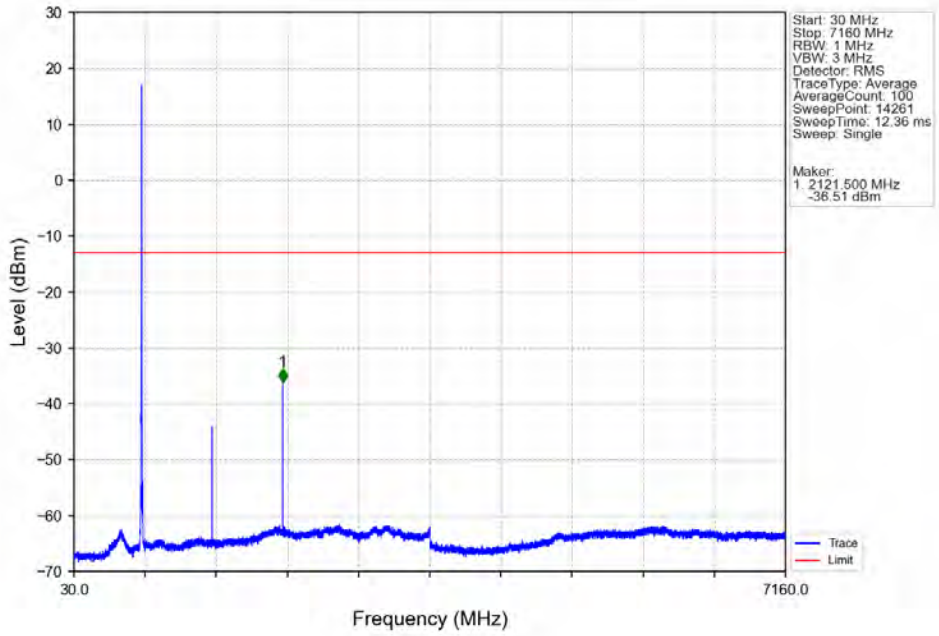


Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV

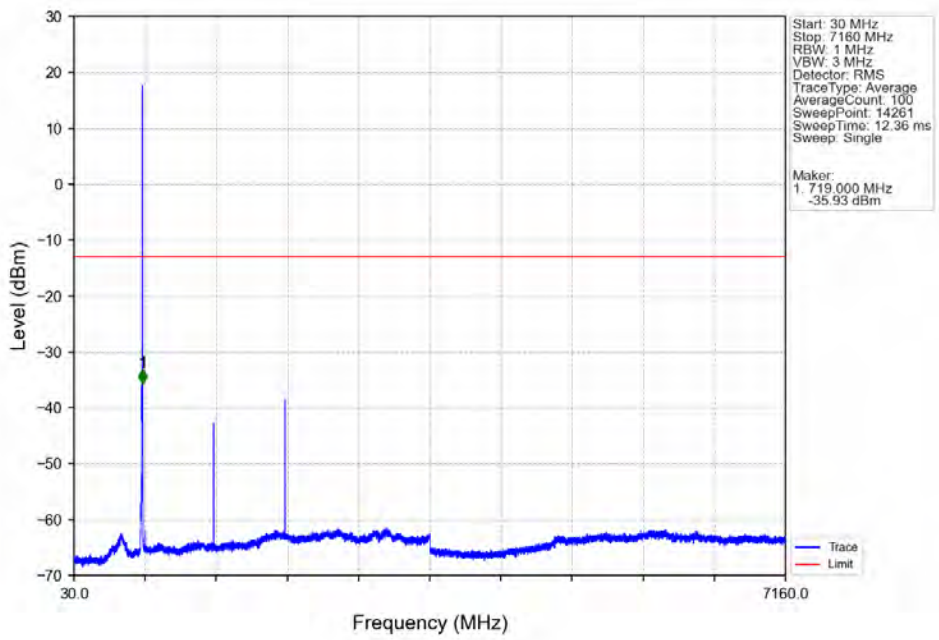


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-31.51	-13	Pass
698.9	699	0.03	/	2	698.994	-30.66	-13	Pass
699	702	0.03	/	/	/	/	/	/

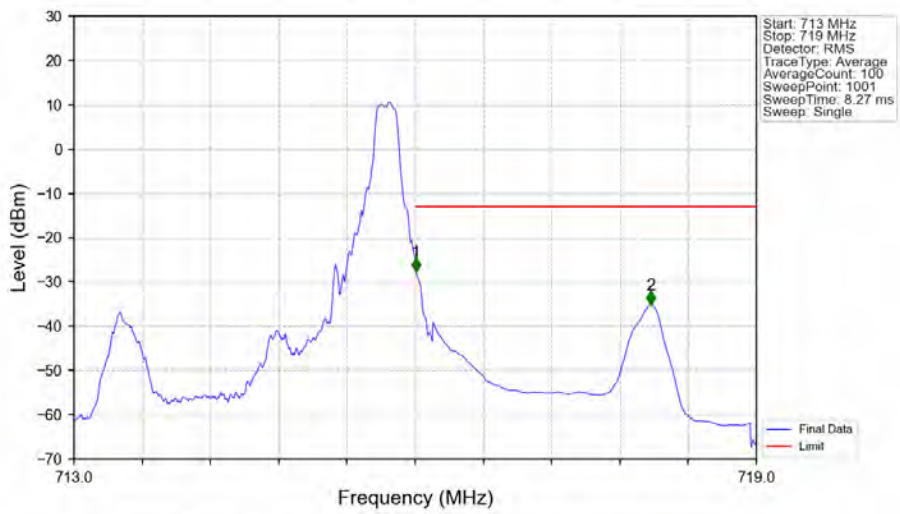
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_1_0_NTNV

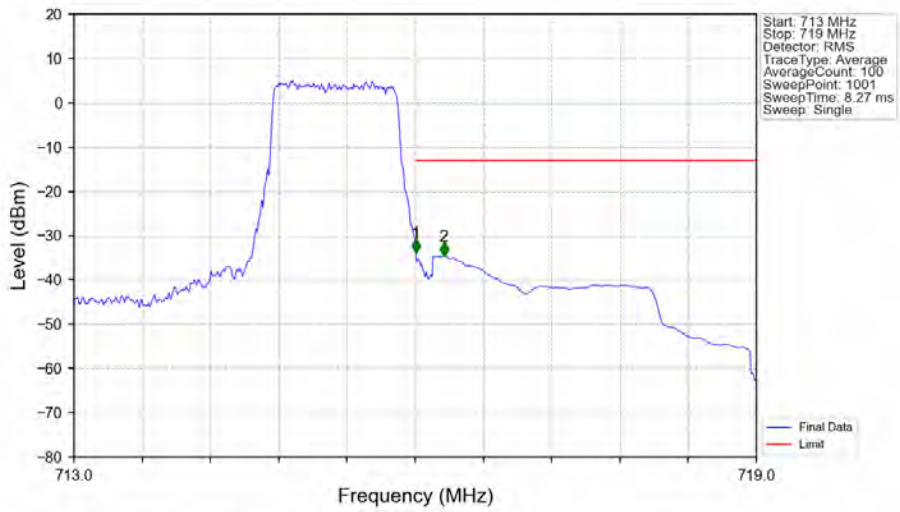


Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_1_5_NTNV



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	716.006	-27.62	-13	Pass
716.1	719	0.1	CHP	2	718.070	-35.10	-13	Pass

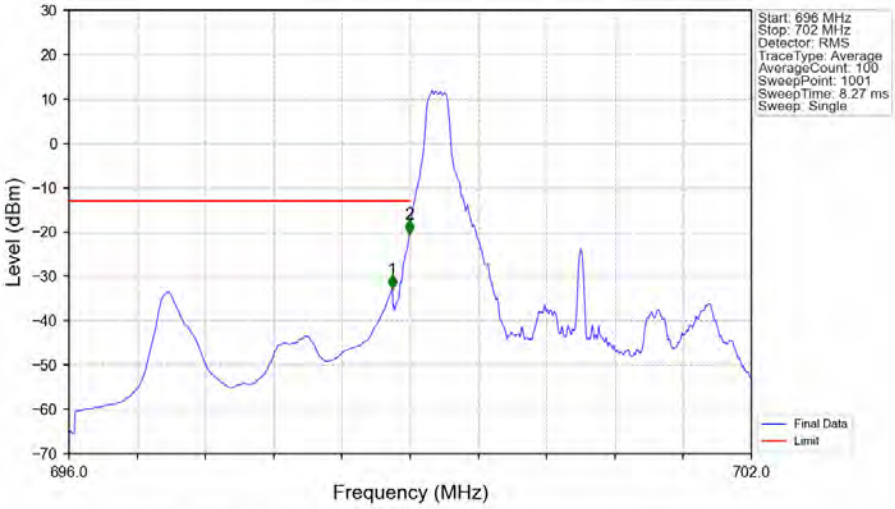
Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV



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	716.006	-33.93	-13	Pass
716.1	719	0.1	CHP	2	716.252	-34.60	-13	Pass

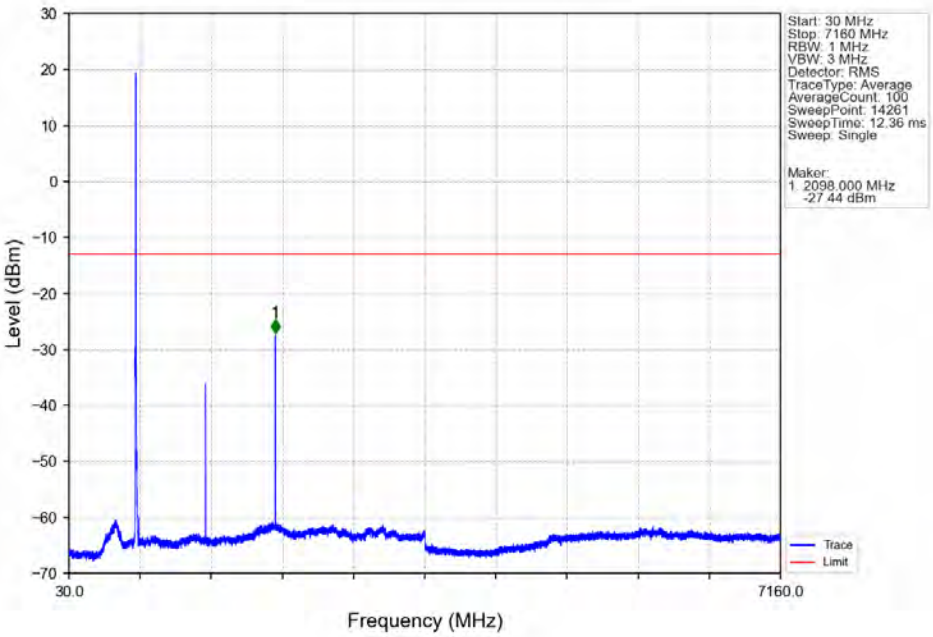
5.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

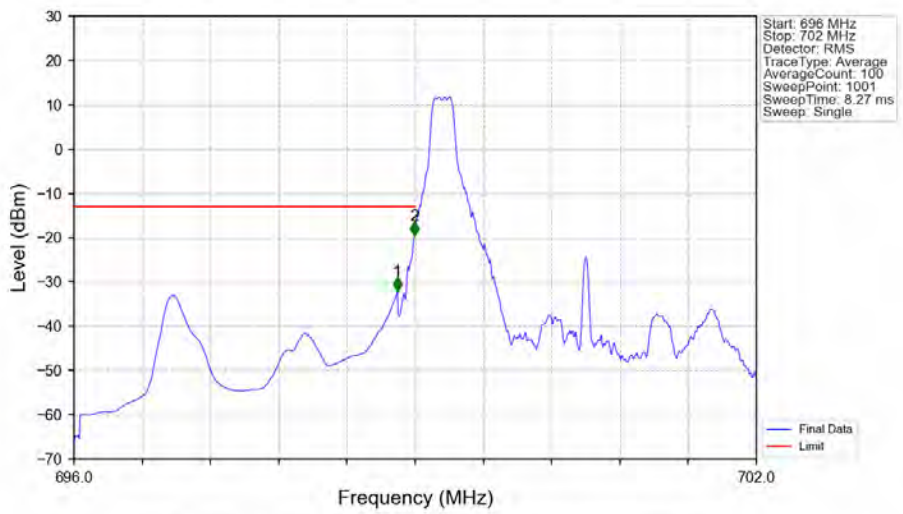


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.82	-13	Pass
698.9	699	0.03	/	2	698.994	-20.37	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

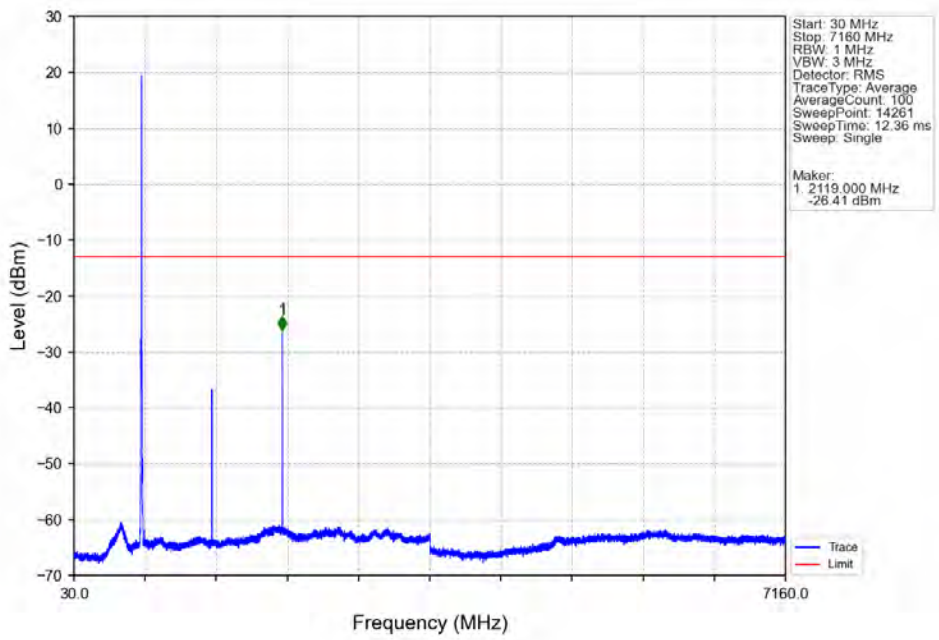


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

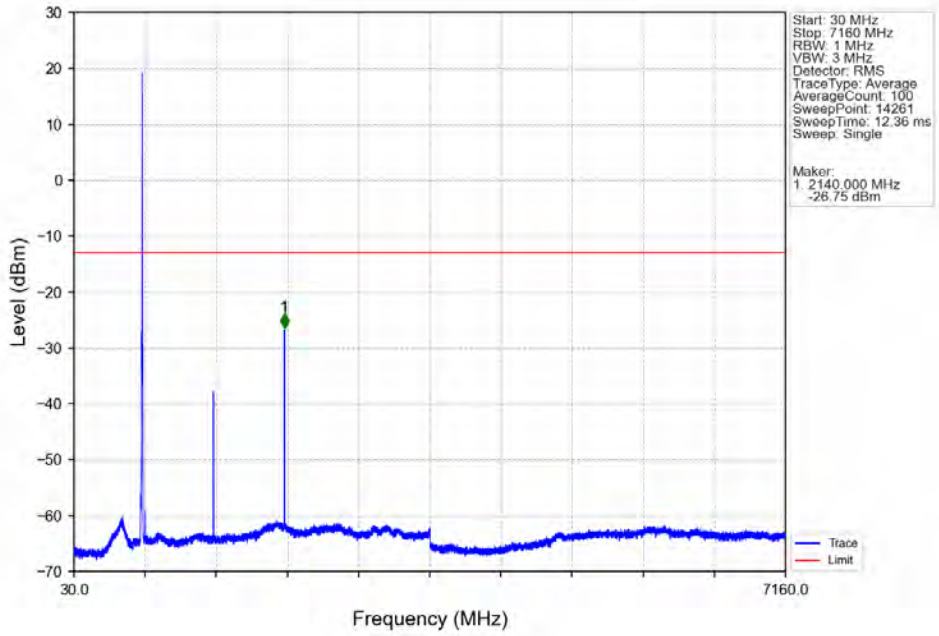


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.14	-13	Pass
698.9	699	0.03	/	2	698.994	-19.47	-13	Pass
699	702	0.03	/	/	/	/	/	/

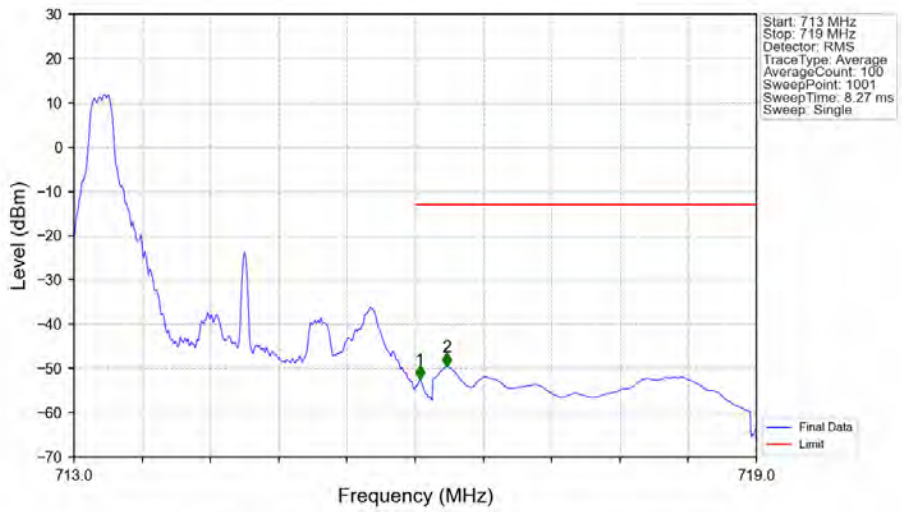
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

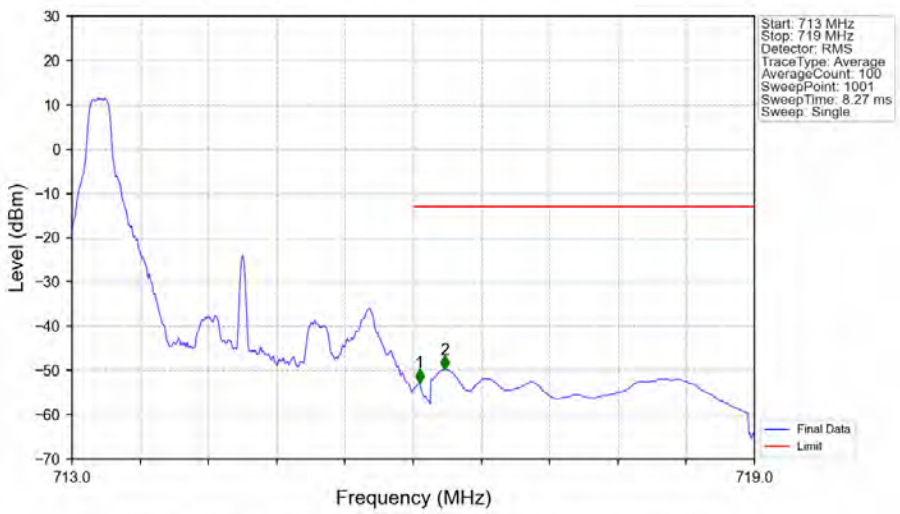


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



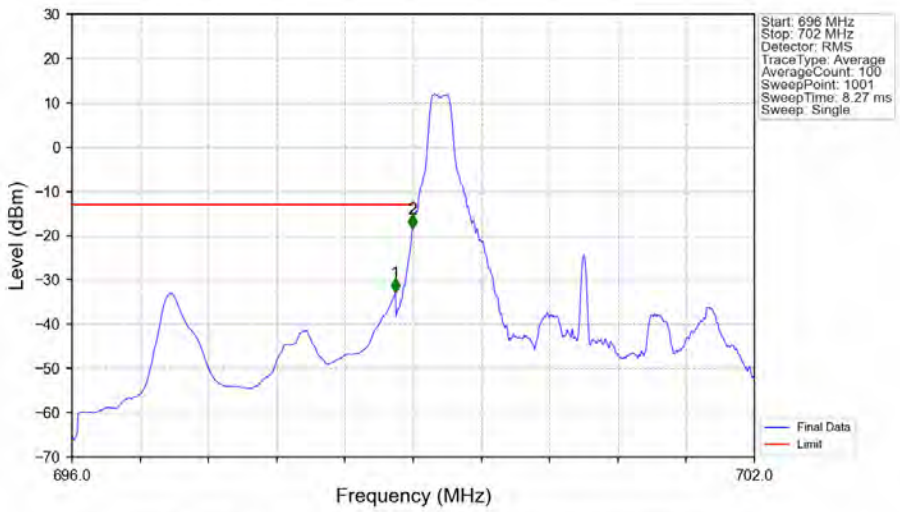
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.042	-52.49	-13	Pass
716.1	719	0.1	CHP	2	716.276	-49.55	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



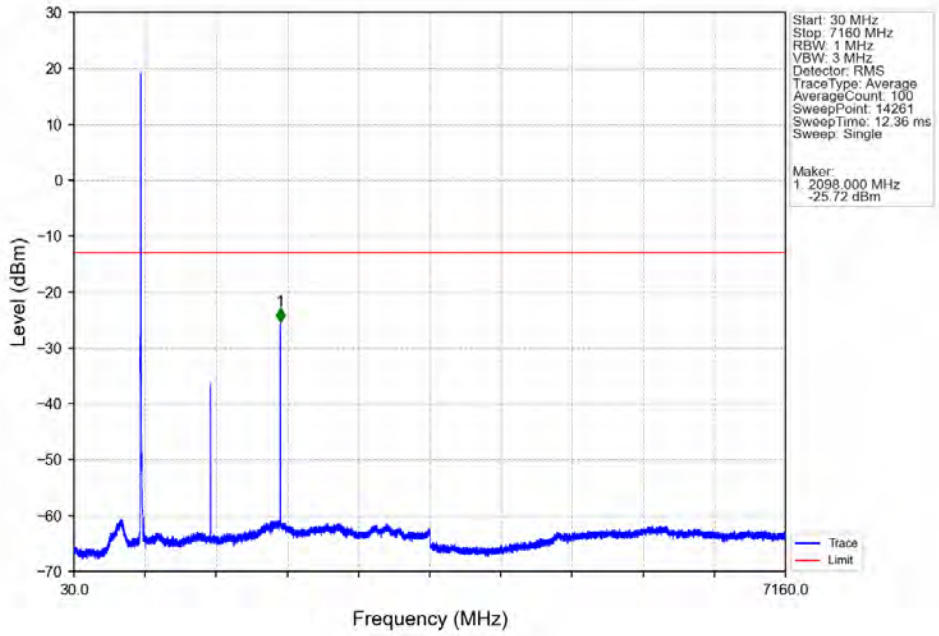
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.054	-52.73	-13	Pass
716.1	719	0.1	CHP	2	716.276	-49.69	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

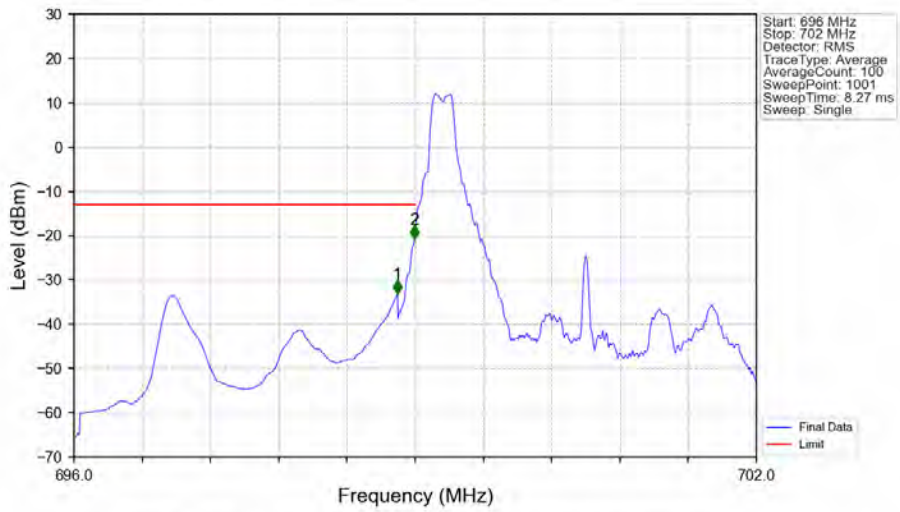


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.80	-13	Pass
698.9	699	0.03	/	2	698.994	-18.40	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

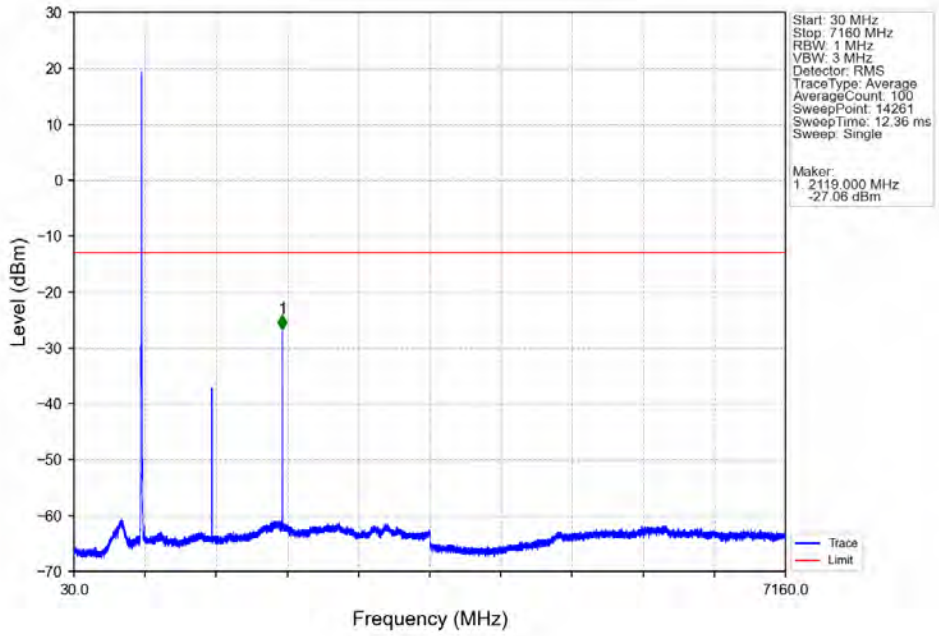


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

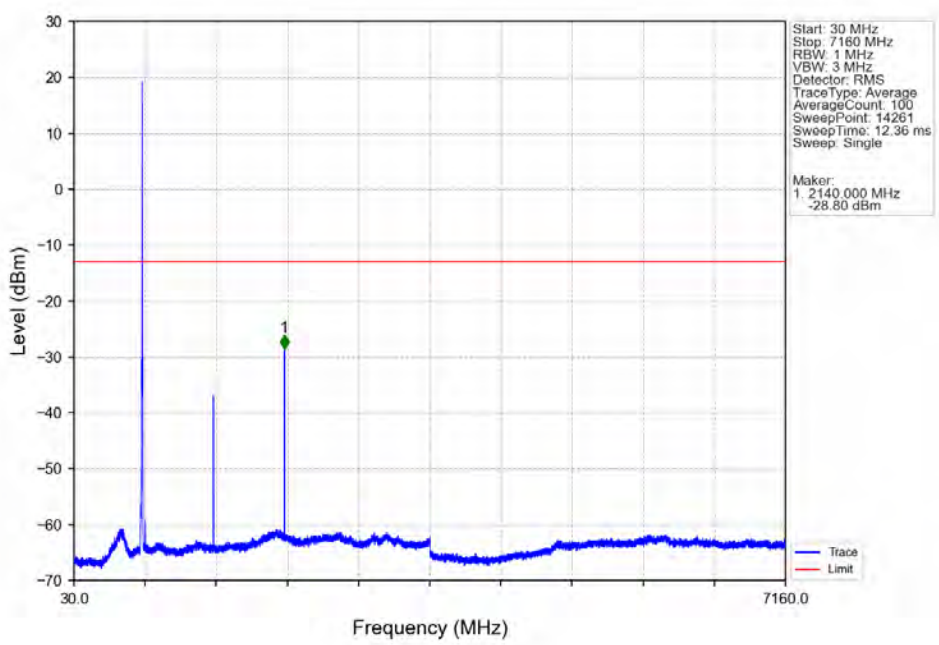


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.08	-13	Pass
698.9	699	0.03	/	2	698.994	-20.77	-13	Pass
699	702	0.03	/	/	/	/	/	/

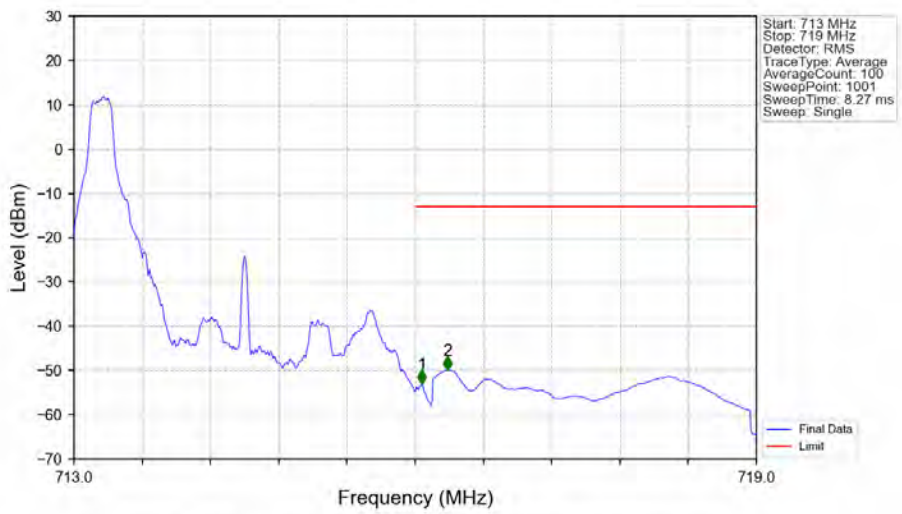
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

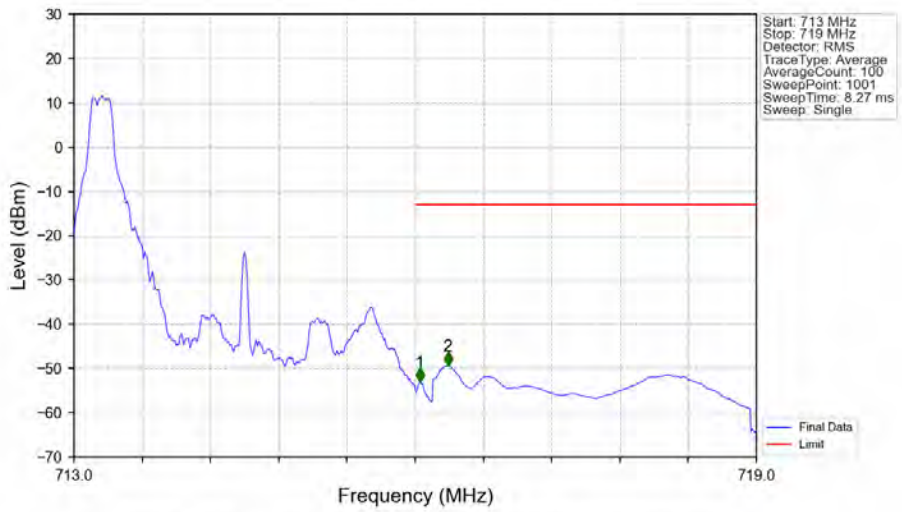


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



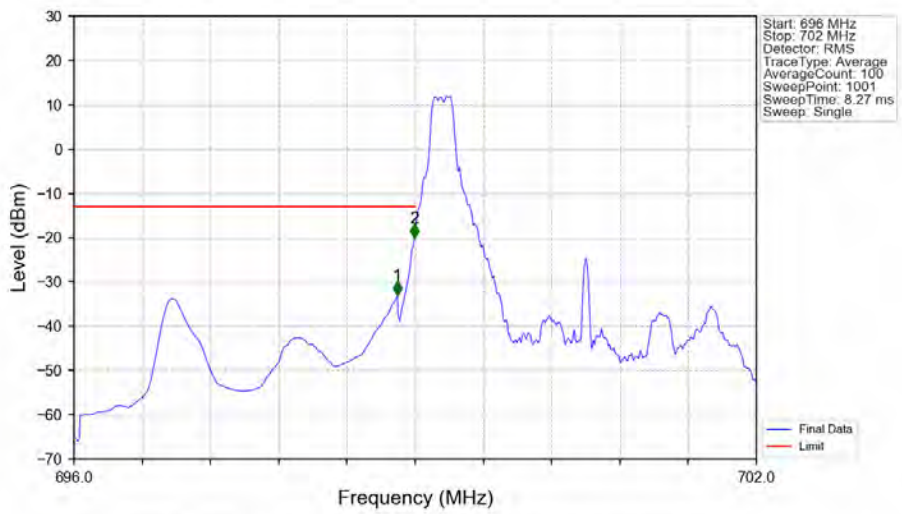
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.060	-53.05	-13	Pass
716.1	719	0.1	CHP	2	716.282	-49.90	-13	Pass

Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



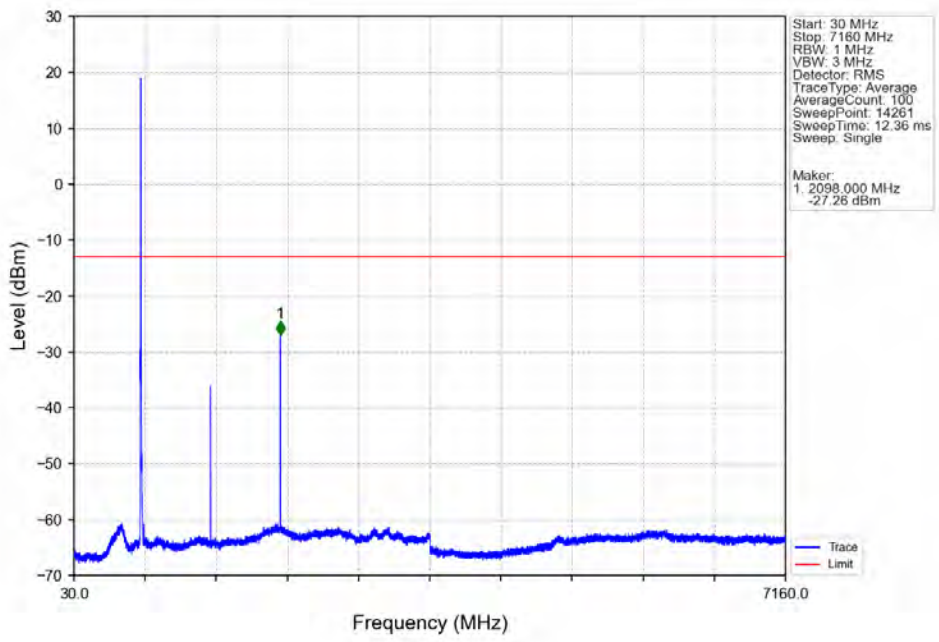
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.042	-52.95	-13	Pass
716.1	719	0.1	CHP	2	716.288	-49.42	-13	Pass

Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

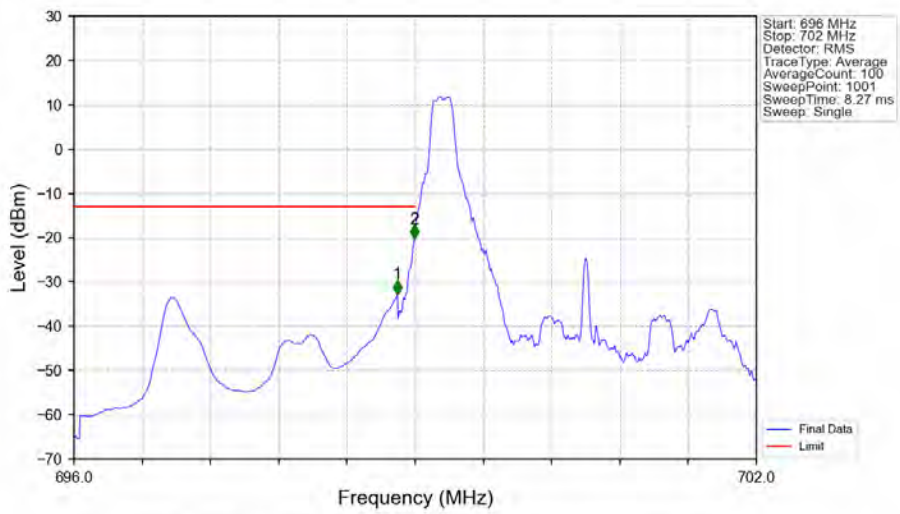


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.90	-13	Pass
698.9	699	0.03	/	2	698.994	-20.02	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

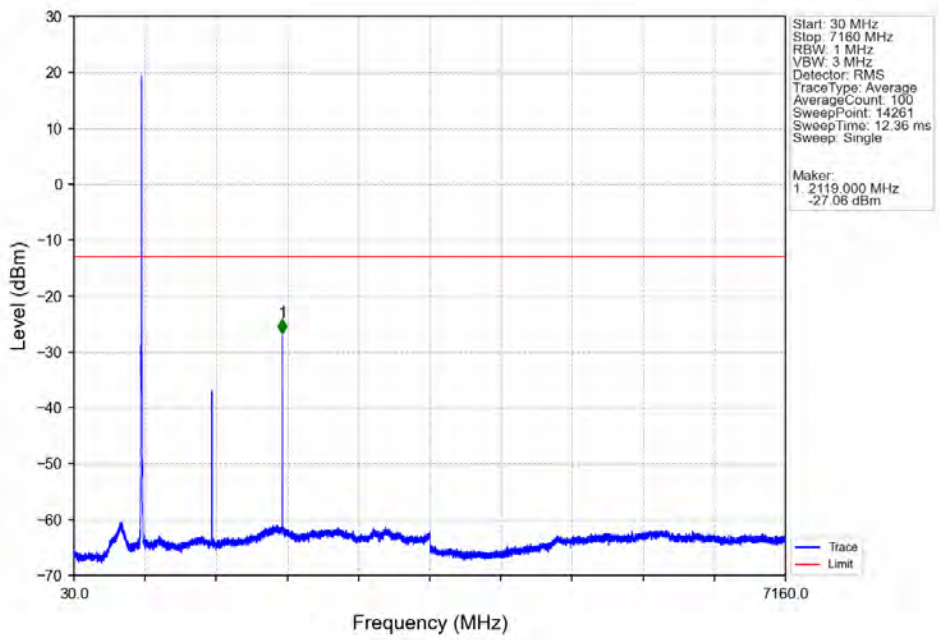


Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV

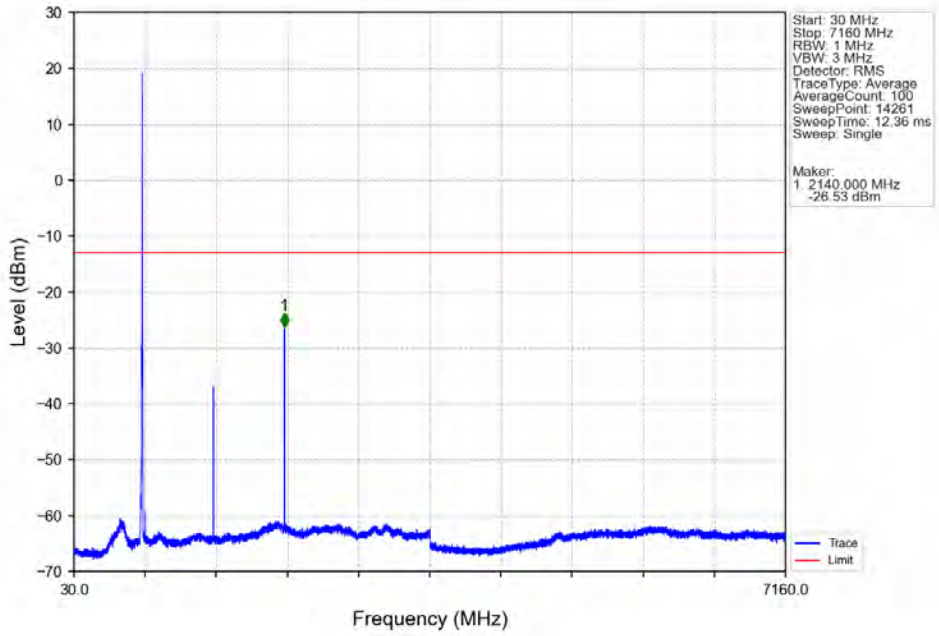


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.70	-13	Pass
698.9	699	0.03	/	2	698.994	-20.30	-13	Pass
699	702	0.03	/	/	/	/	/	/

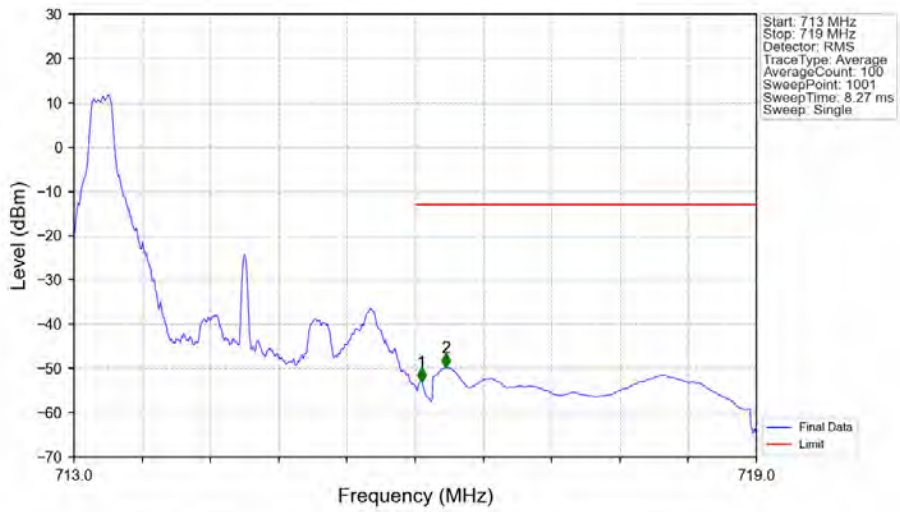
Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_0_NTNV

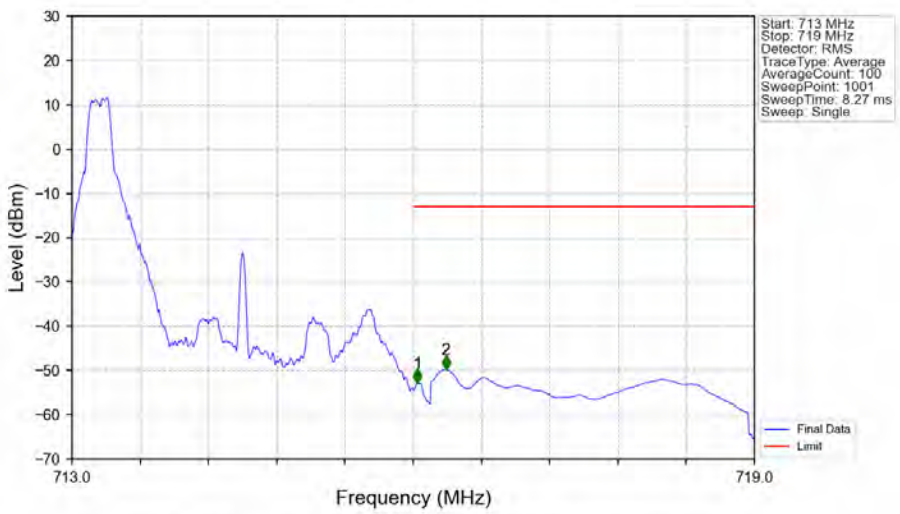


Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_14_NTNV



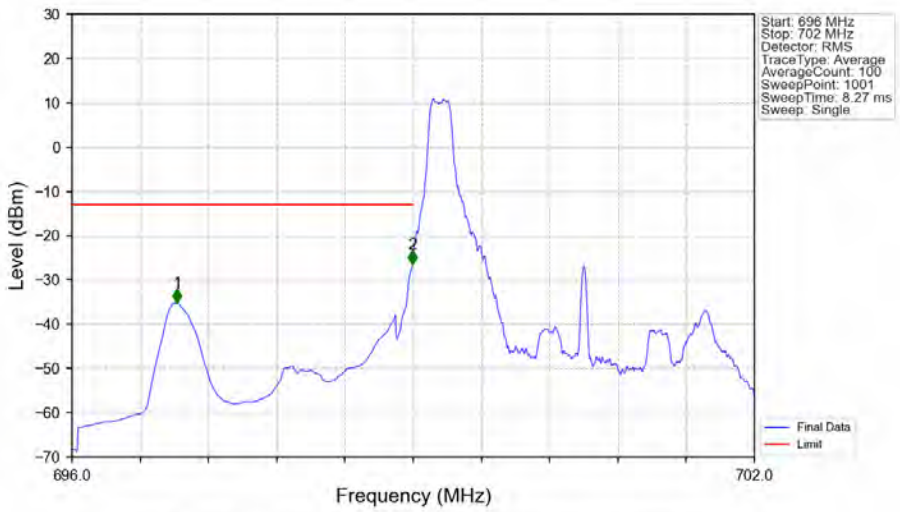
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.054	-52.98	-13	Pass
716.1	719	0.1	CHP	2	716.270	-49.80	-13	Pass

Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



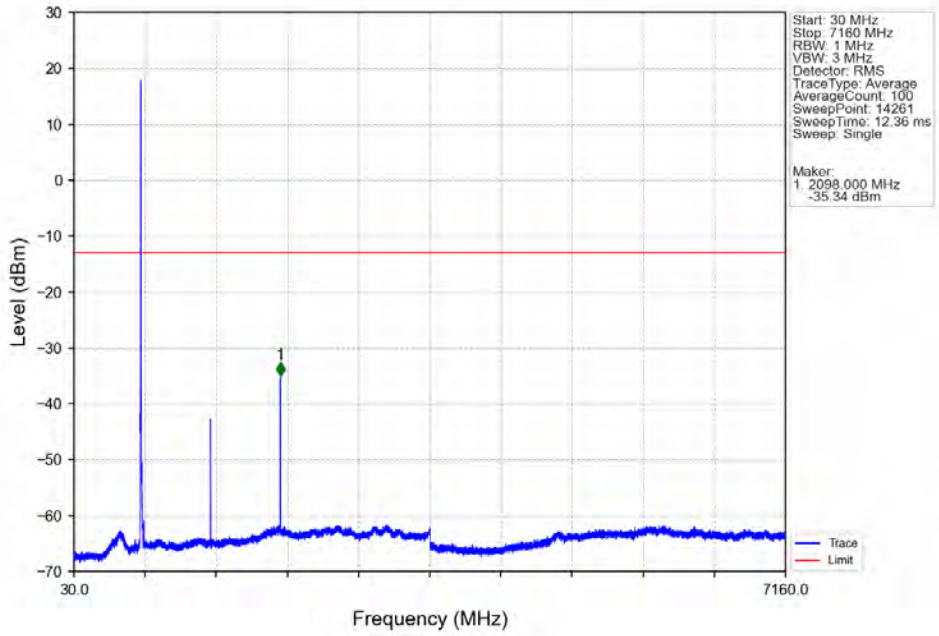
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.036	-52.77	-13	Pass
716.1	719	0.1	CHP	2	716.288	-49.67	-13	Pass

Band12_3MHz_256QAM_LCH_700.5MHz_RB_1_0_NTNV

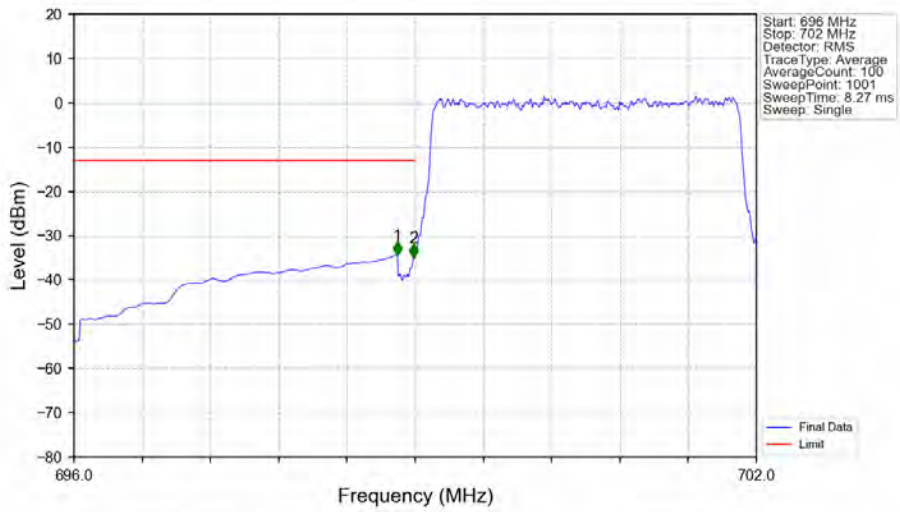


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	696.924	-35.21	-13	Pass
698.9	699	0.03	/	2	698.994	-26.40	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_256QAM_LCH_700.5MHz_RB_1_0_NTNV

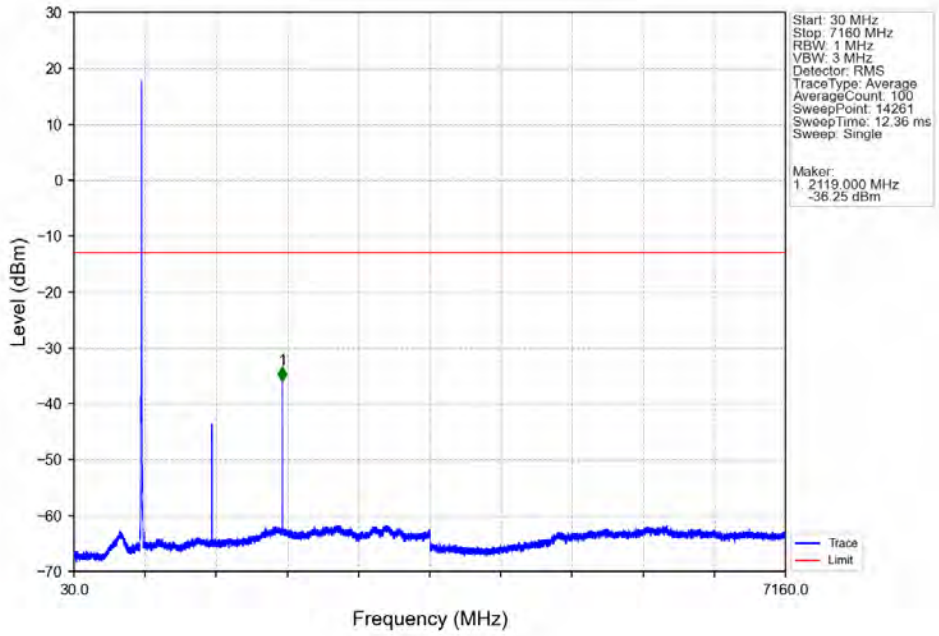


Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV

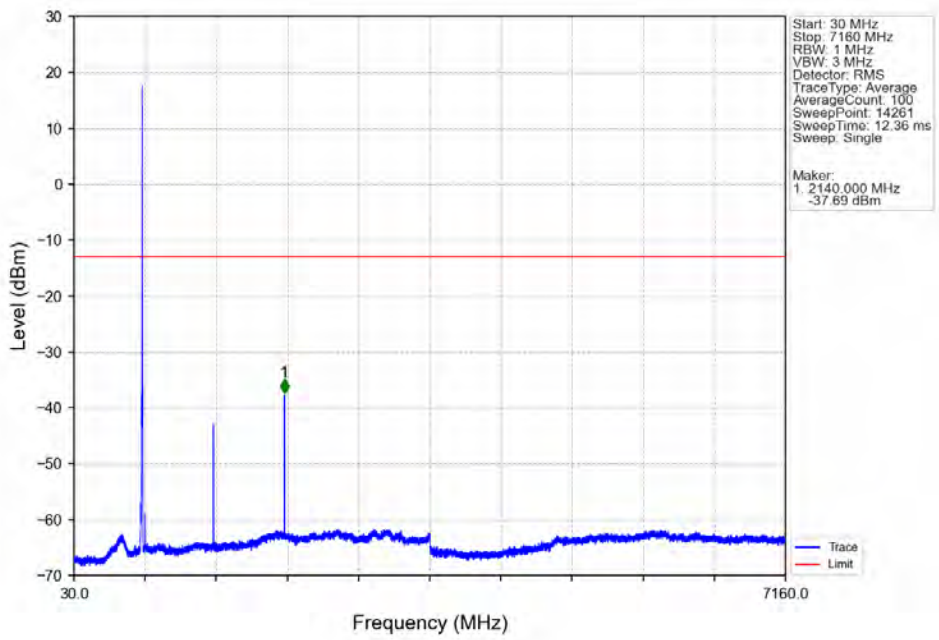


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-34.43	-13	Pass
698.9	699	0.03	/	2	698.988	-34.90	-13	Pass
699	702	0.03	/	/	/	/	/	/

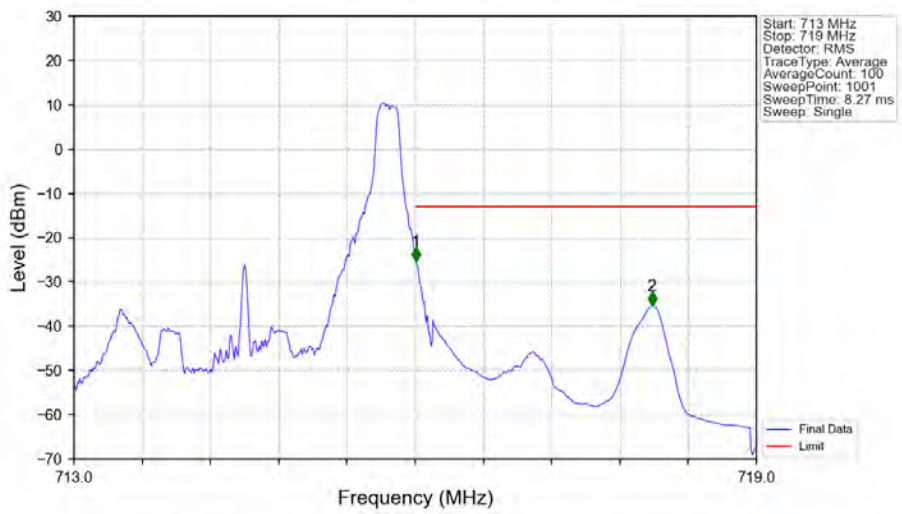
Band12_3MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_256QAM_HCH_714.5MHz_RB_1_0_NTNV

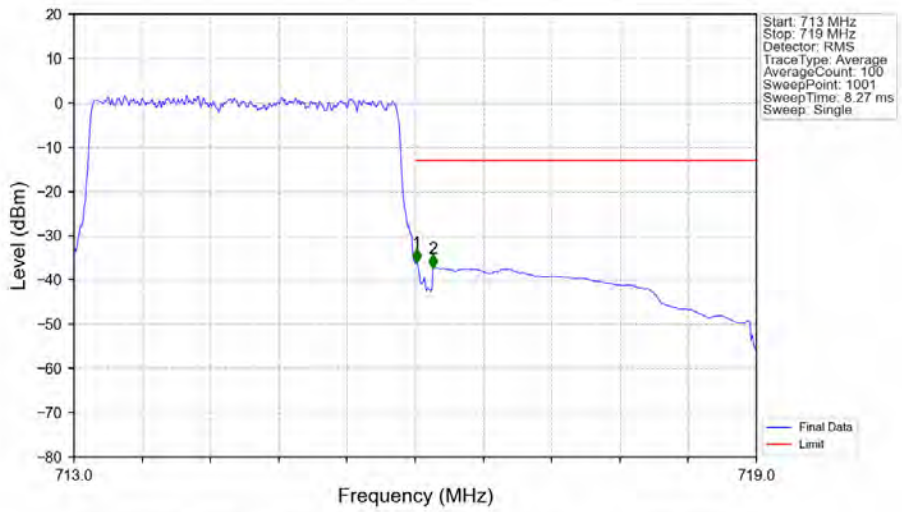


Band12_3MHz_256QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.006	-25.37	-13	Pass
716.1	719	0.1	CHP	2	718.082	-35.35	-13	Pass

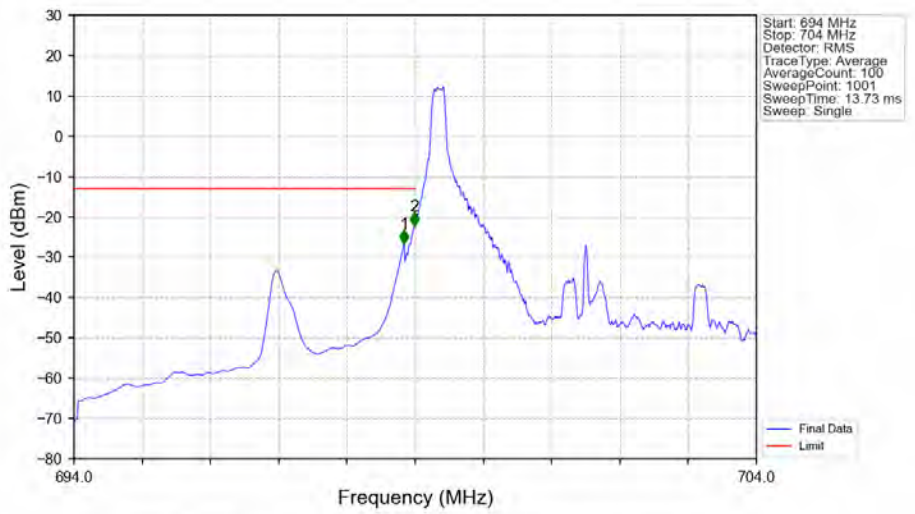
Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV



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	716.012	-35.97	-13	Pass
716.1	719	0.1	CHP	2	716.156	-37.32	-13	Pass

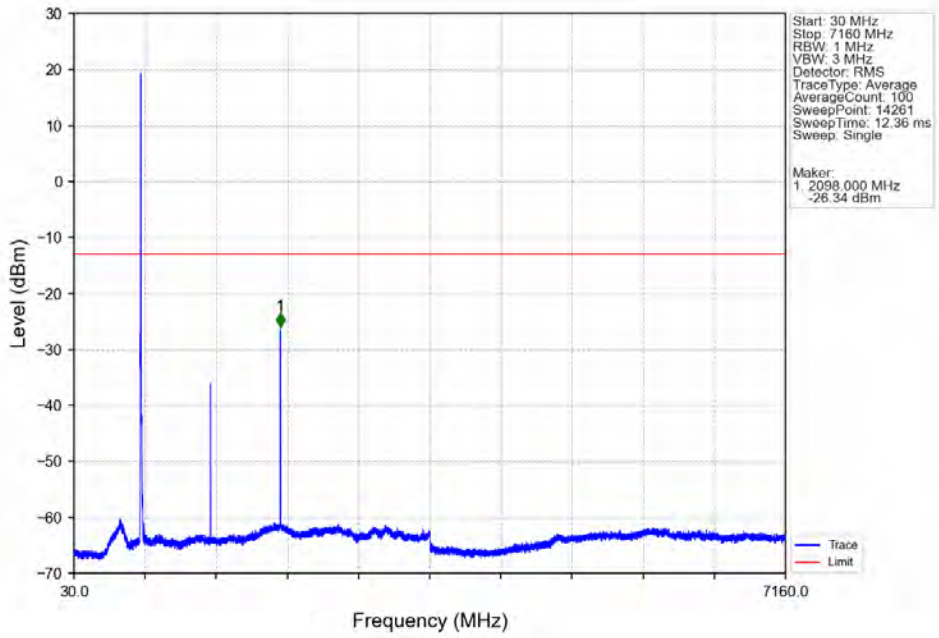
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

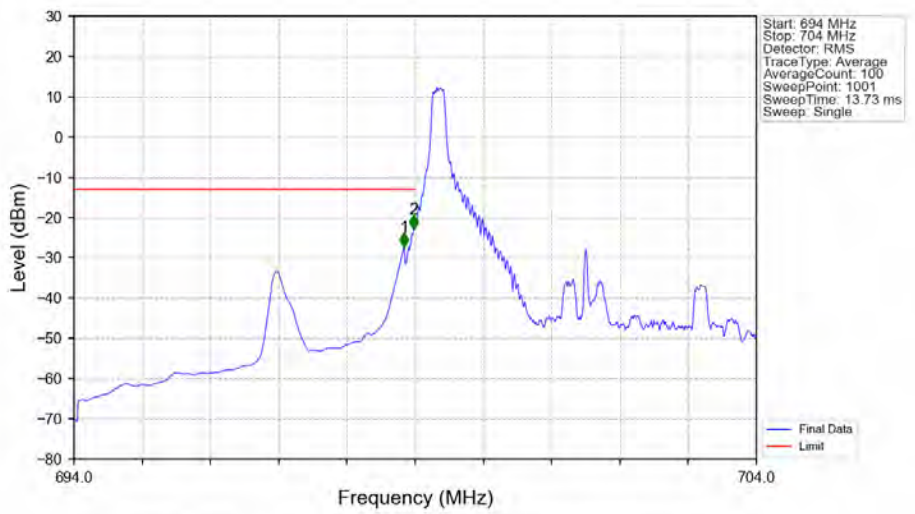


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-26.58	-13	Pass
698.9	699	0.03	/	2	698.990	-22.17	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

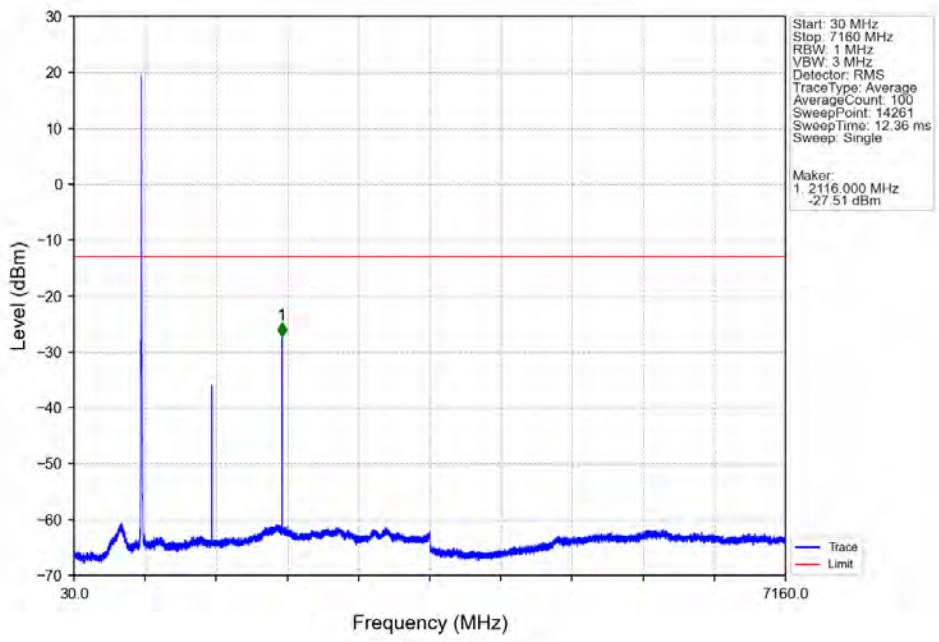


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

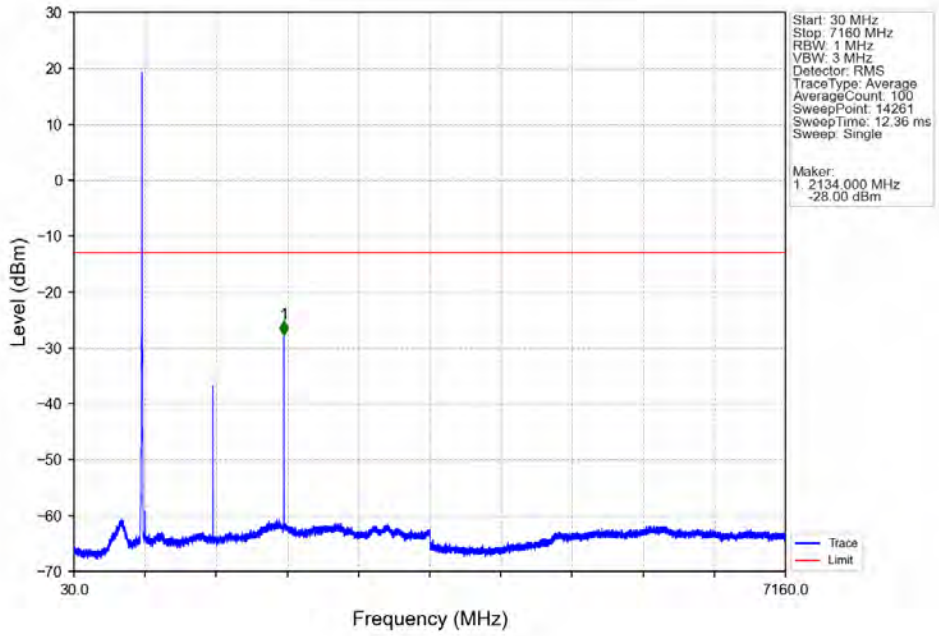


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-27.23	-13	Pass
698.9	699	0.03	/	2	698.980	-22.75	-13	Pass
699	704	0.03	/	/	/	/	/	/

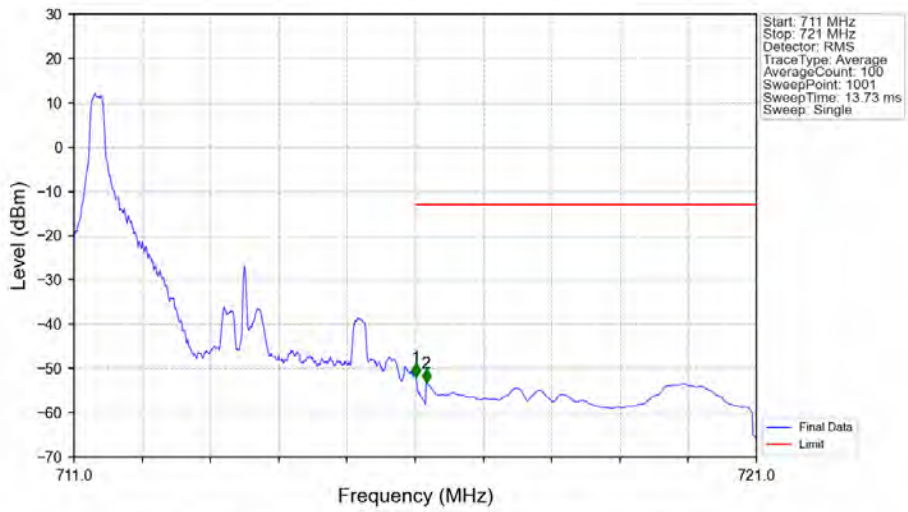
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

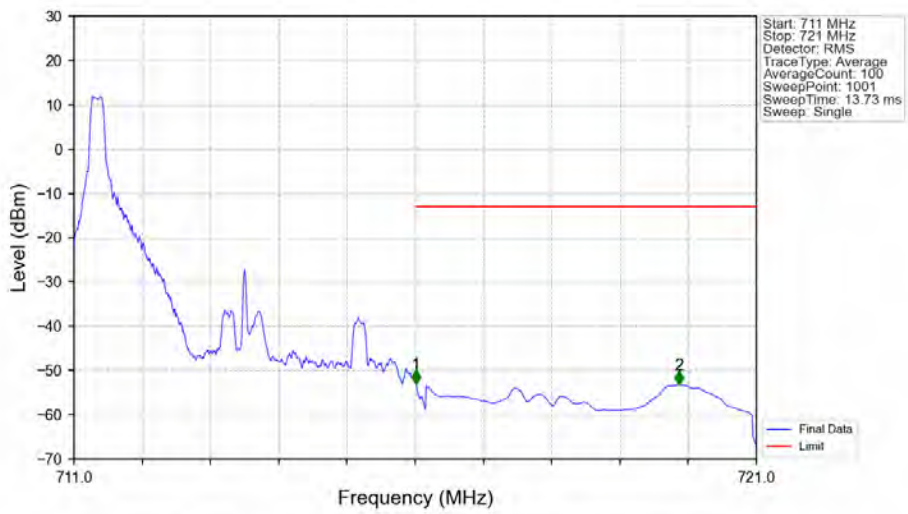


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



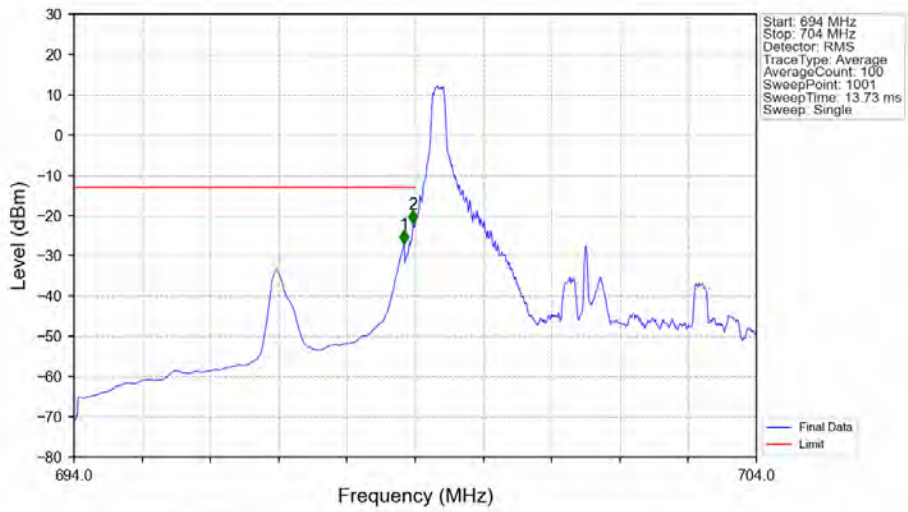
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-51.98	-13	Pass
716.1	721	0.1	CHP	2	716.160	-53.22	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



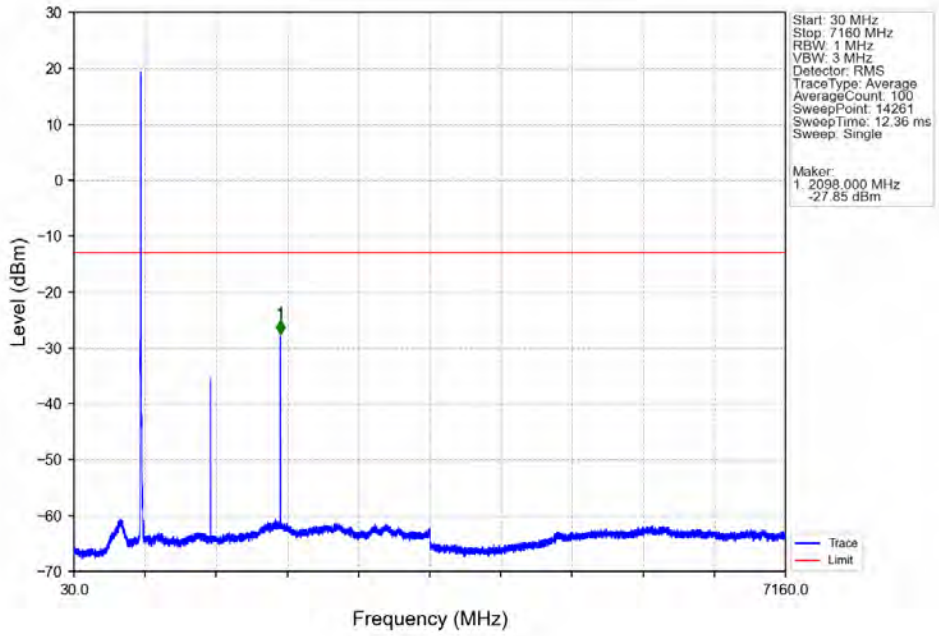
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-53.09	-13	Pass
716.1	721	0.1	CHP	2	719.870	-53.18	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

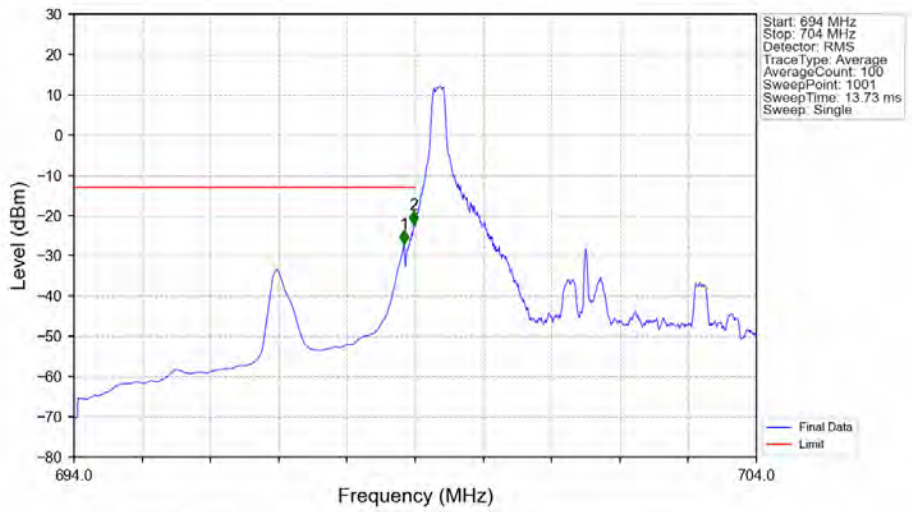


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-26.99	-13	Pass
698.9	699	0.03	/	2	698.970	-21.99	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

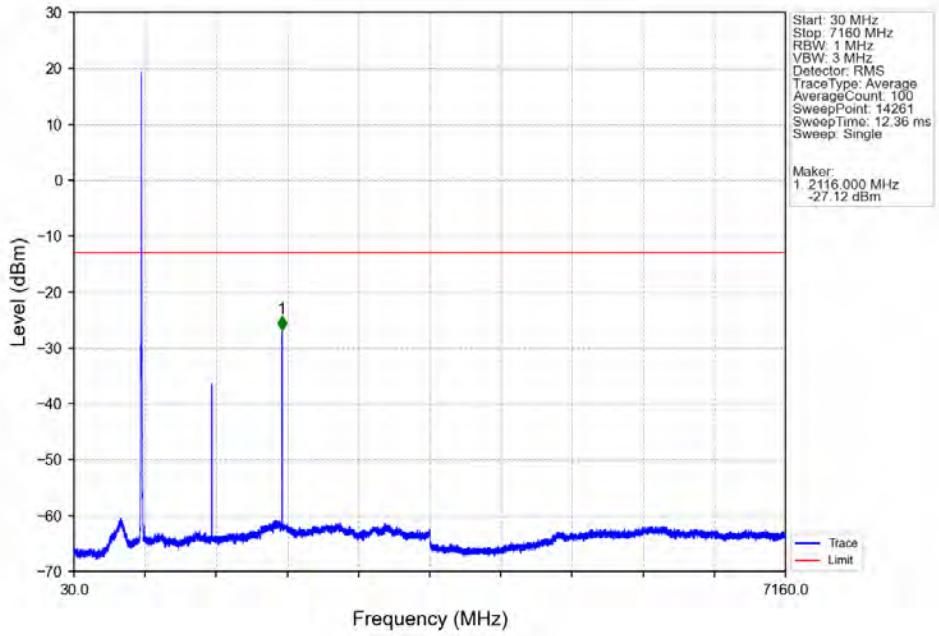


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

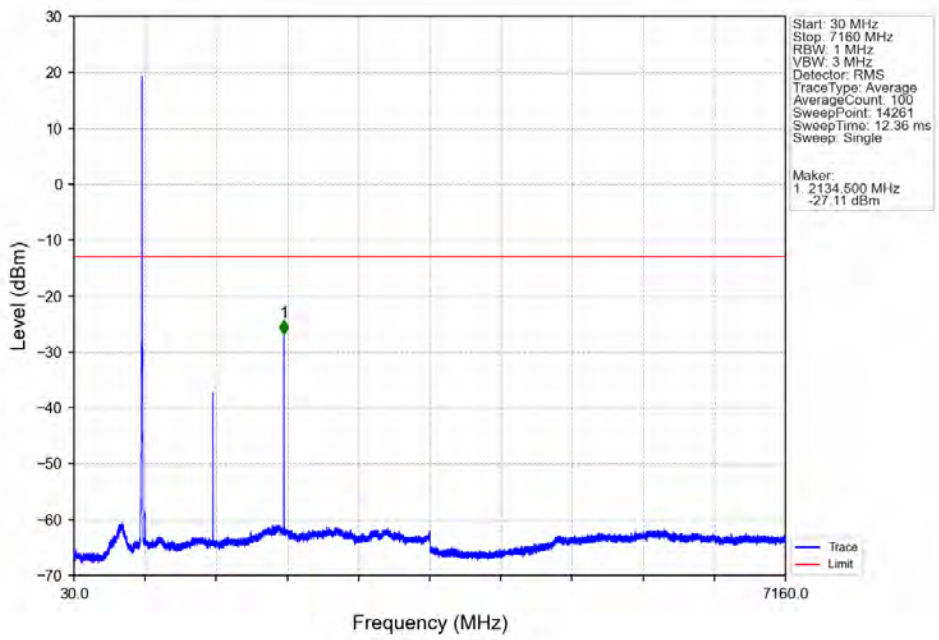


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-26.96	-13	Pass
698.9	699	0.03	/	2	698.980	-22.28	-13	Pass
699	704	0.03	/	/	/	/	/	/

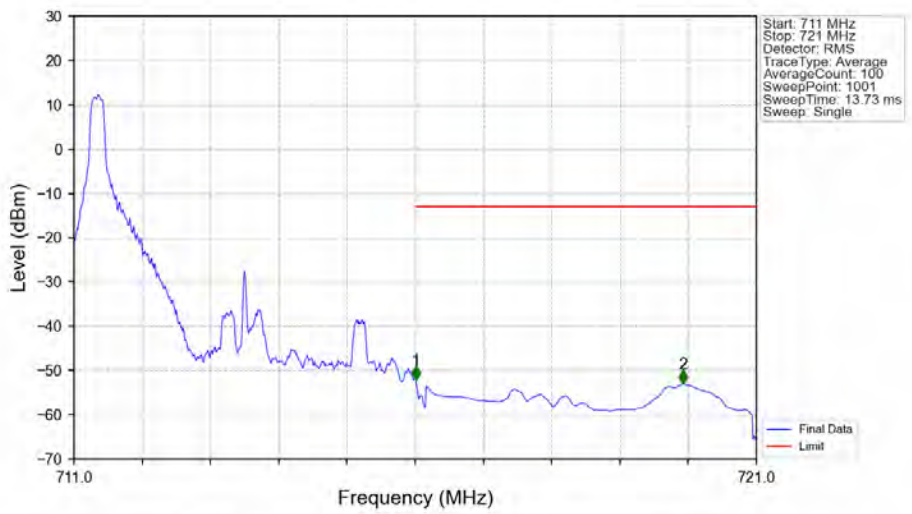
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

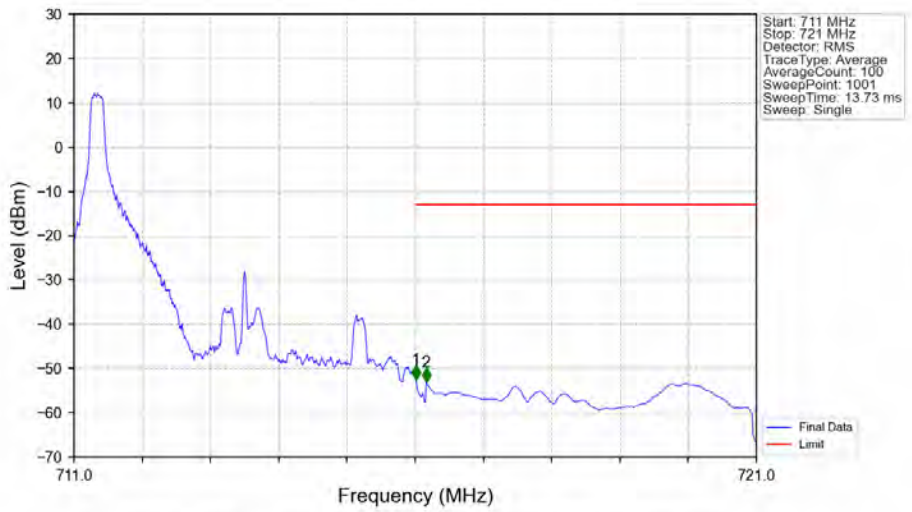


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



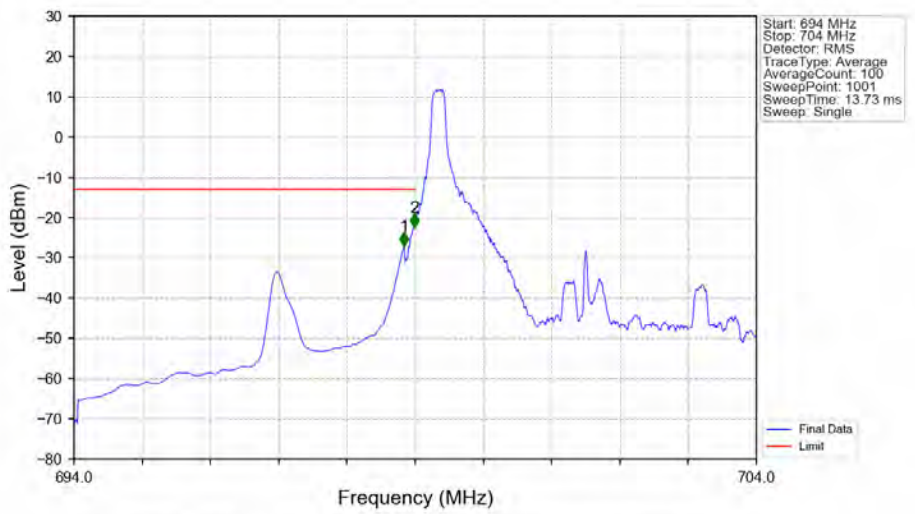
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-52.02	-13	Pass
716.1	721	0.1	CHP	2	719.930	-53.05	-13	Pass

Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



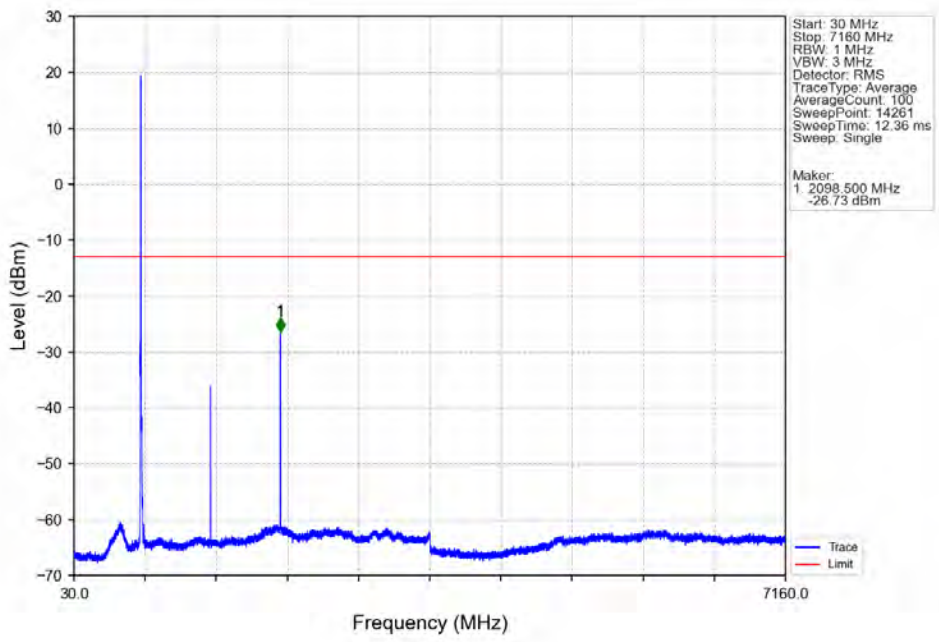
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-52.50	-13	Pass
716.1	721	0.1	CHP	2	716.160	-53.02	-13	Pass

Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV

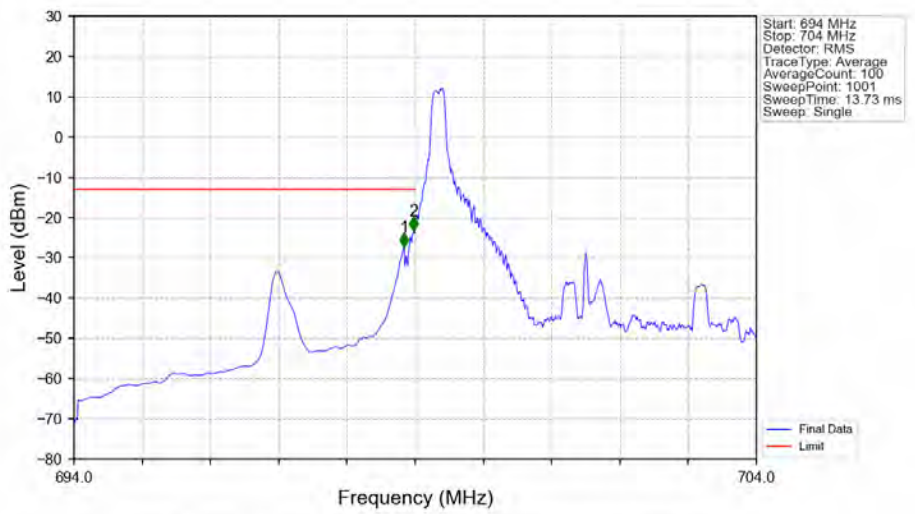


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-27.06	-13	Pass
698.9	699	0.03	/	2	698.990	-22.43	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV

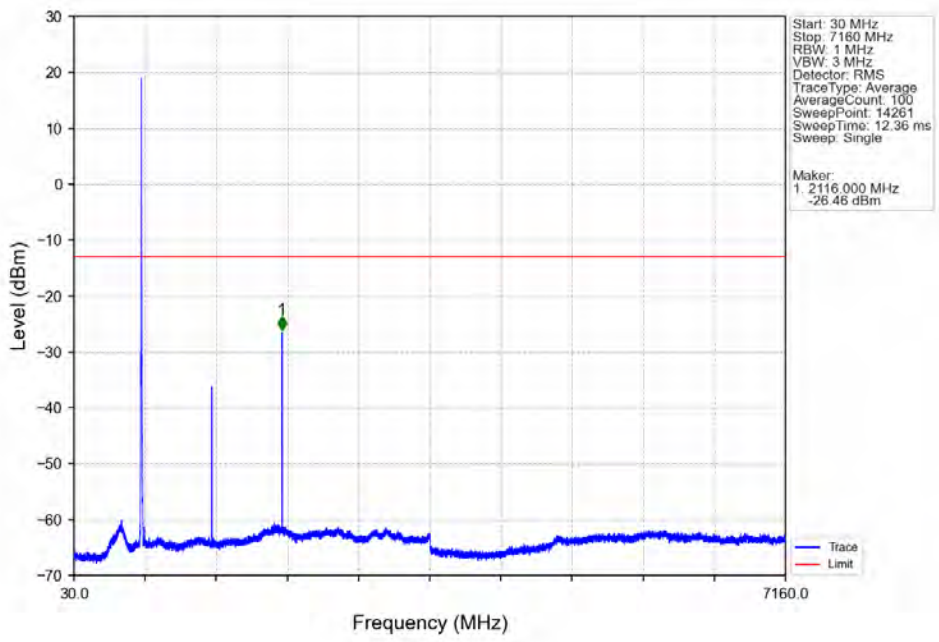


Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV

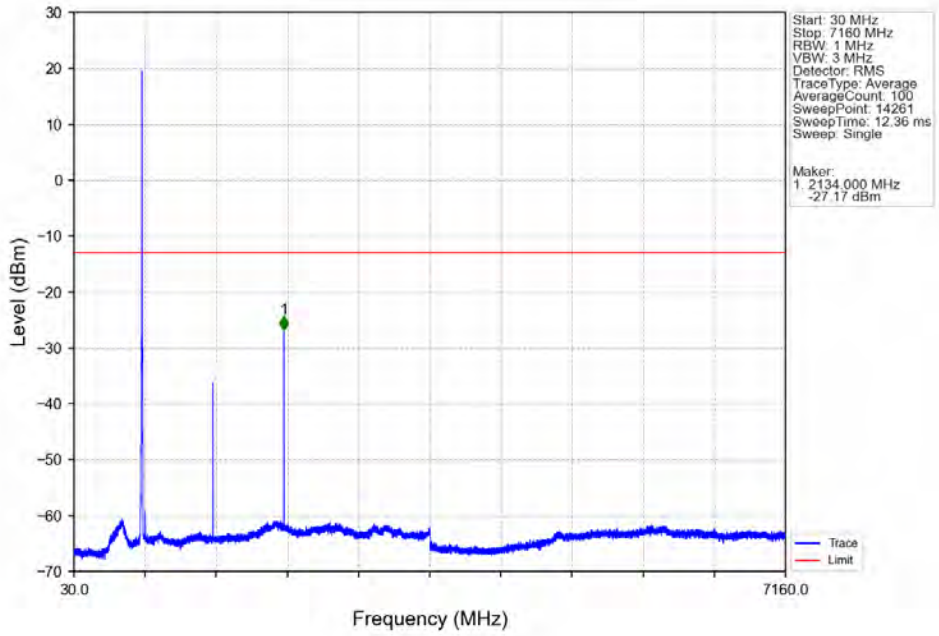


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-27.28	-13	Pass
698.9	699	0.03	/	2	698.980	-23.29	-13	Pass
699	704	0.03	/	/	/	/	/	/

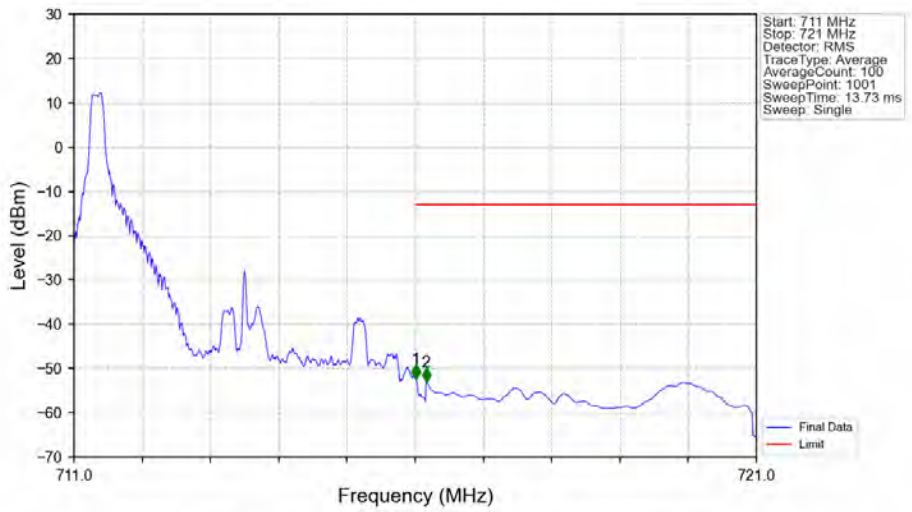
Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV

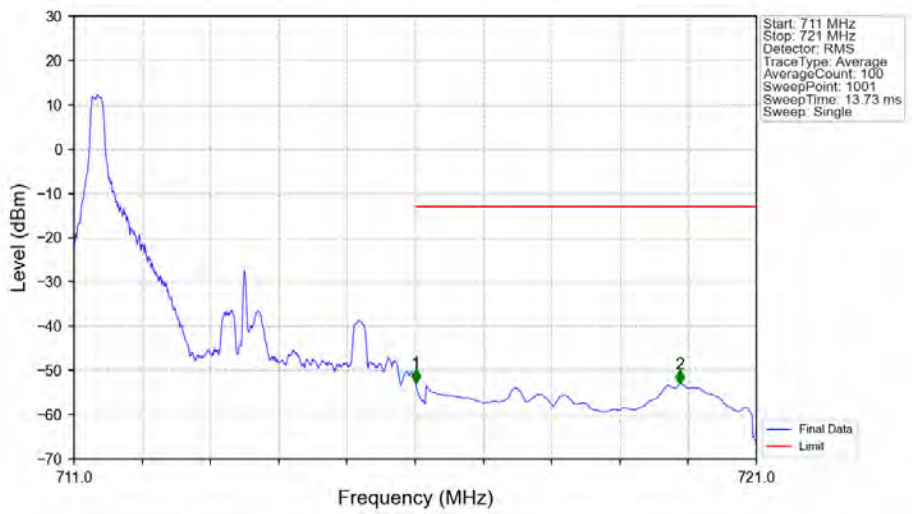


Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV



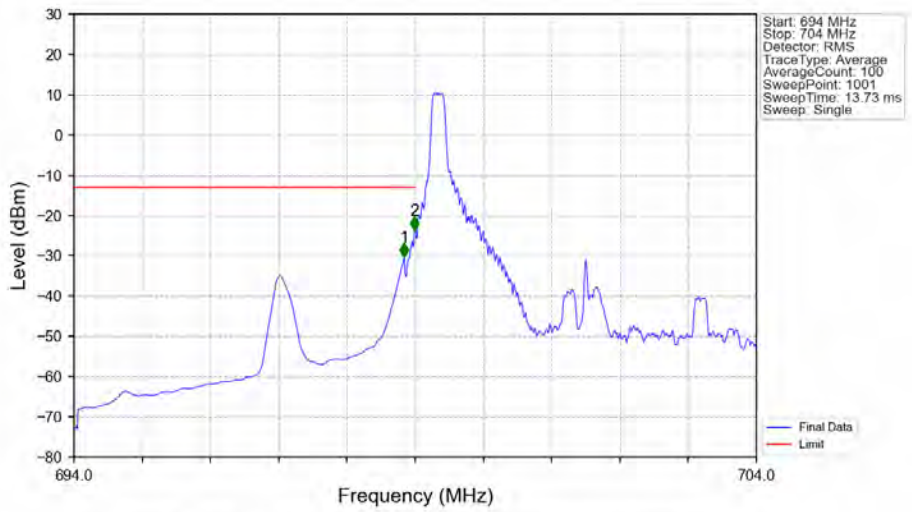
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-52.31	-13	Pass
716.1	721	0.1	CHP	2	716.160	-52.99	-13	Pass

Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



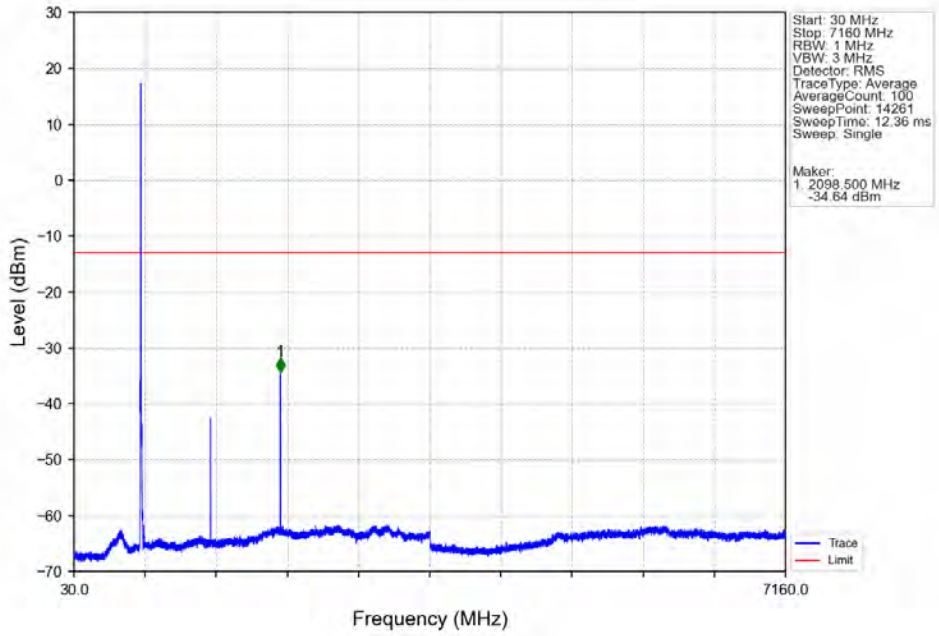
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-52.89	-13	Pass
716.1	721	0.1	CHP	2	719.880	-53.06	-13	Pass

Band12_5MHz_256QAM_LCH_701.5MHz_RB_1_0_NTNV

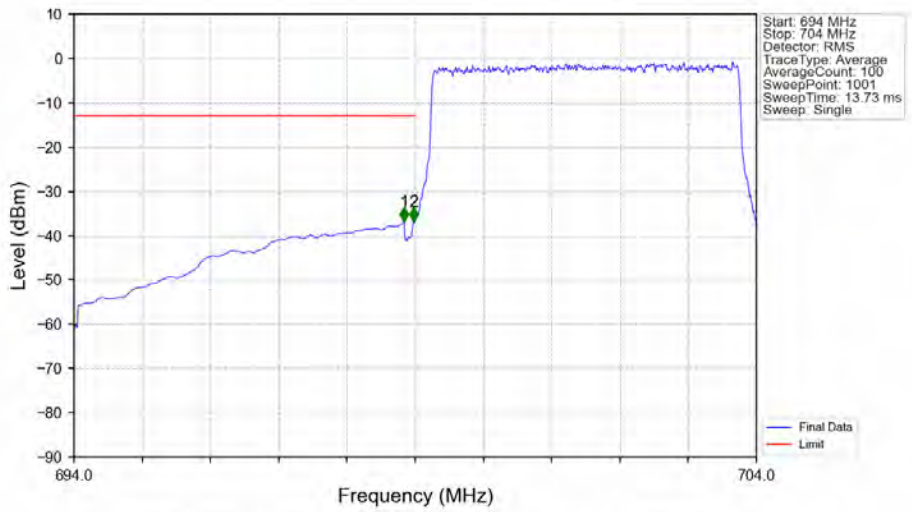


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-30.30	-13	Pass
698.9	699	0.03	/	2	698.990	-23.61	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_256QAM_LCH_701.5MHz_RB_1_0_NTNV

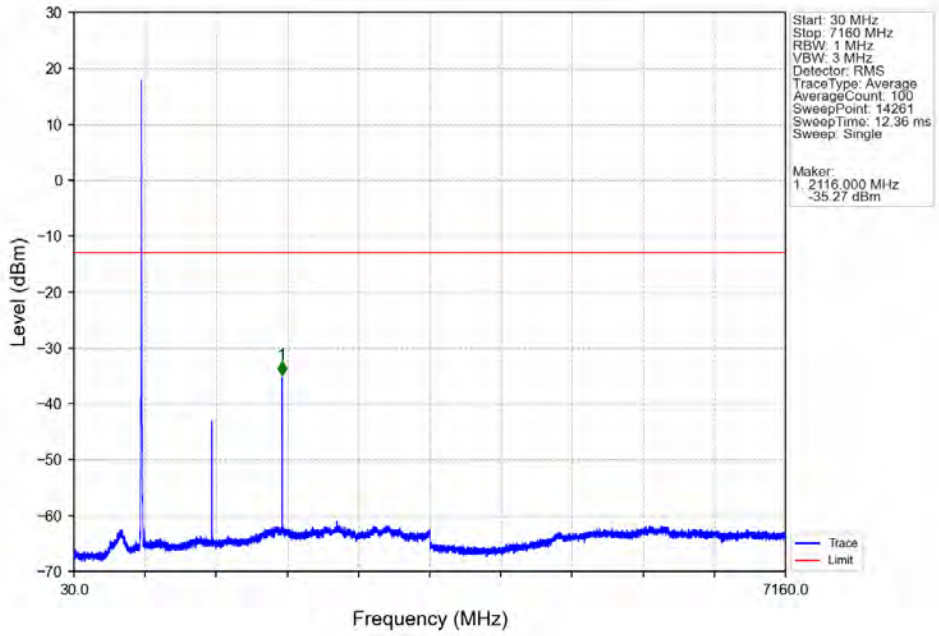


Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV

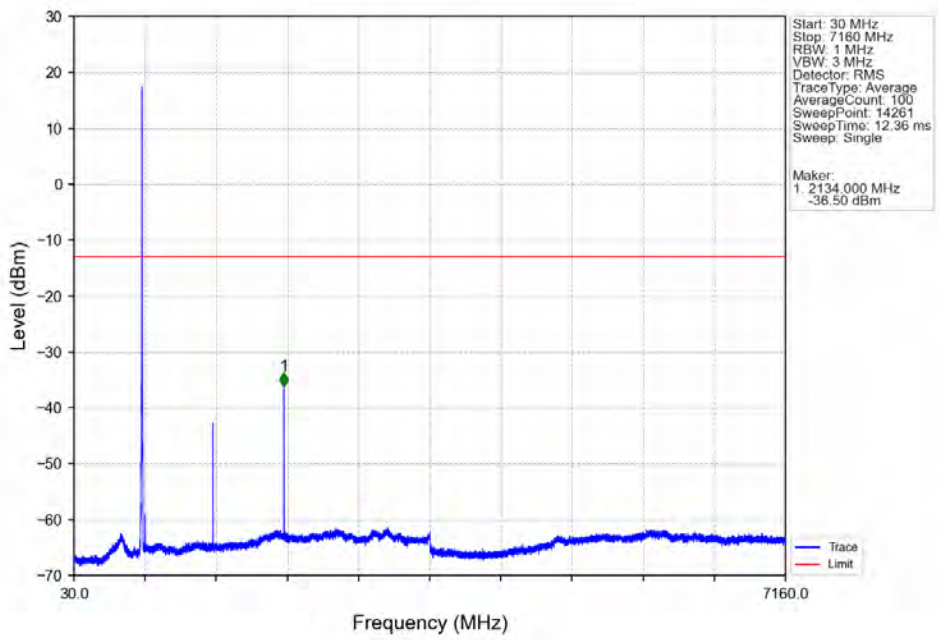


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-36.69	-13	Pass
698.9	699	0.03	/	2	698.980	-36.80	-13	Pass
699	704	0.03	/	/	/	/	/	/

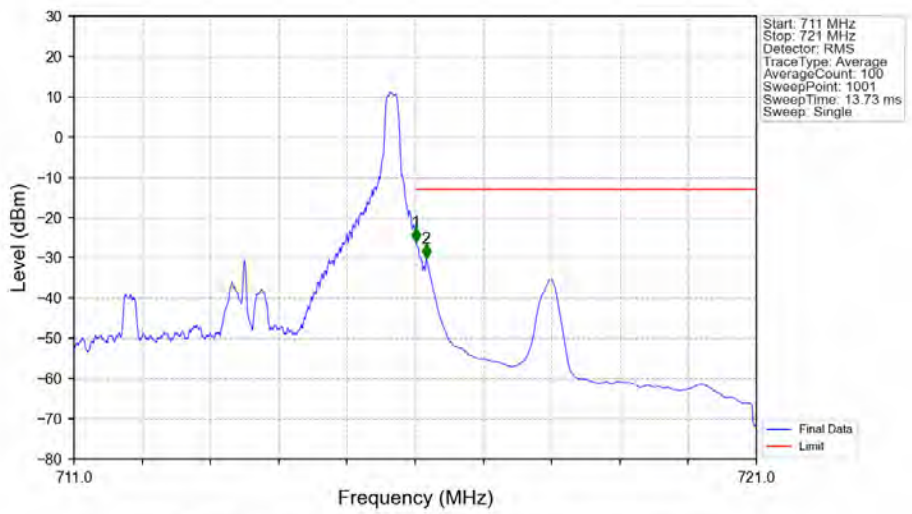
Band12_5MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_256QAM_HCH_713.5MHz_RB_1_0_NTNV

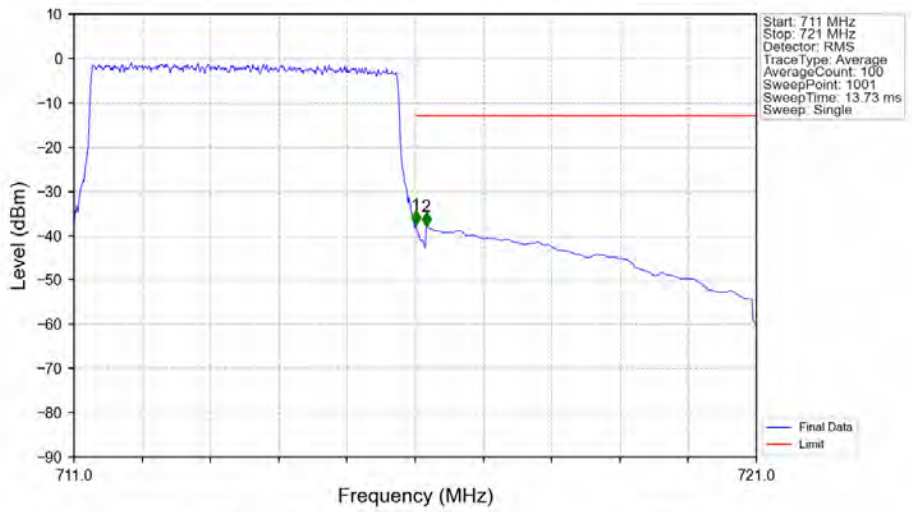


Band12_5MHz_256QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.010	-26.06	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.00	-13	Pass

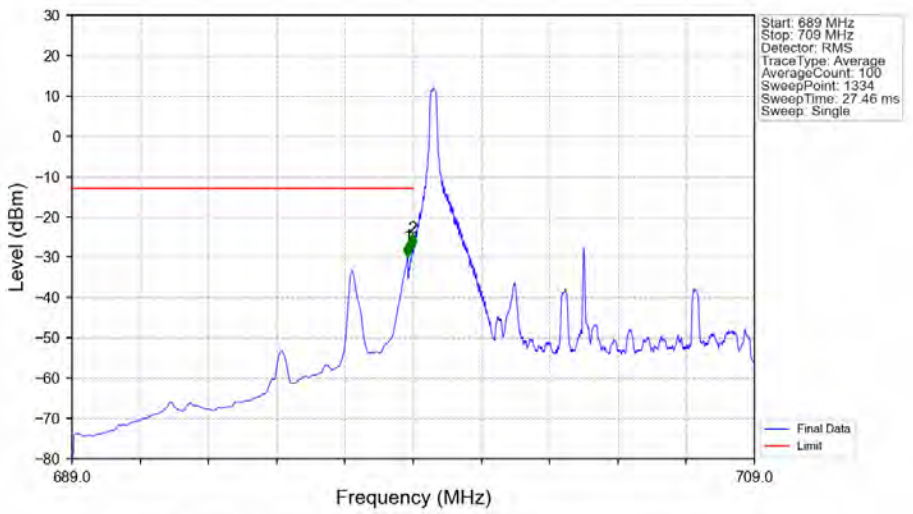
Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.010	-37.40	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.83	-13	Pass

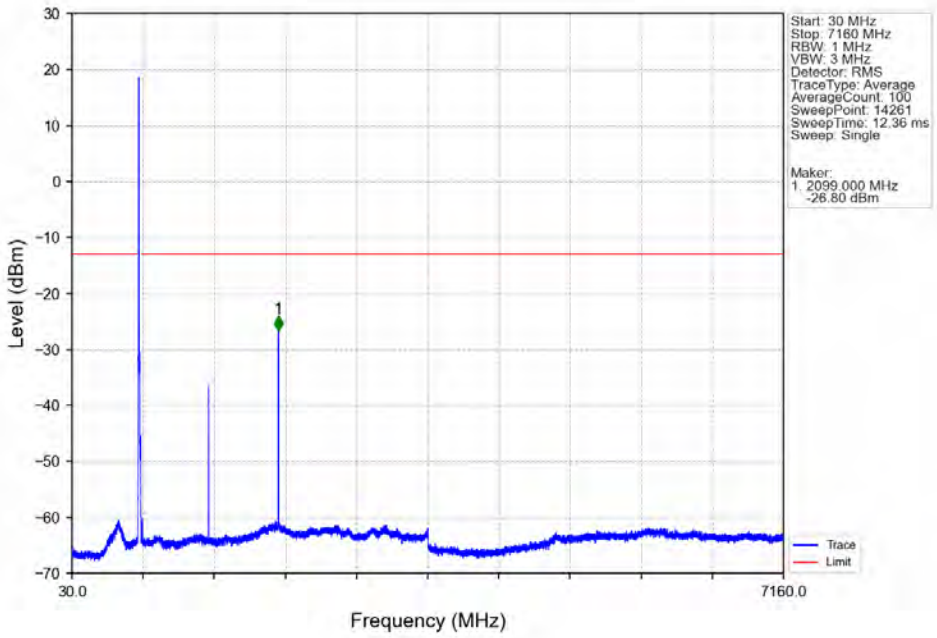
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

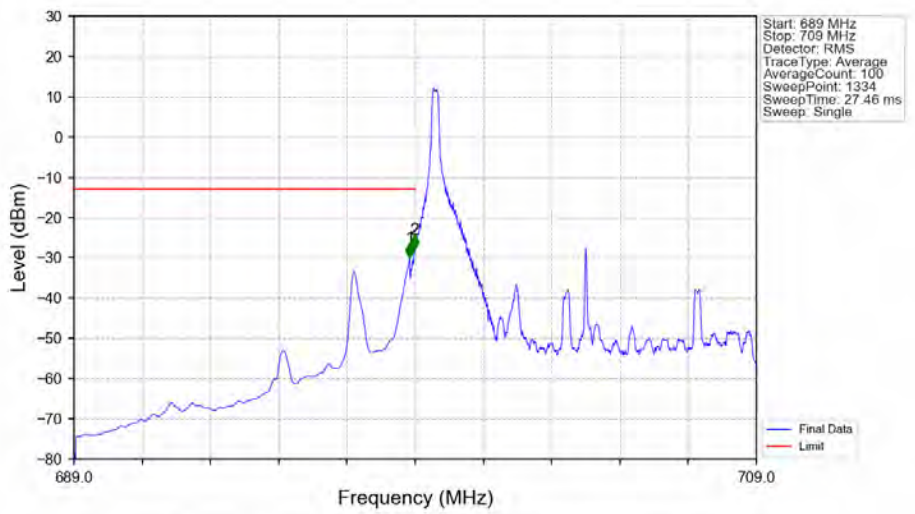


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-29.75	-13	Pass
698.9	699	0.03	/	2	698.977	-27.55	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

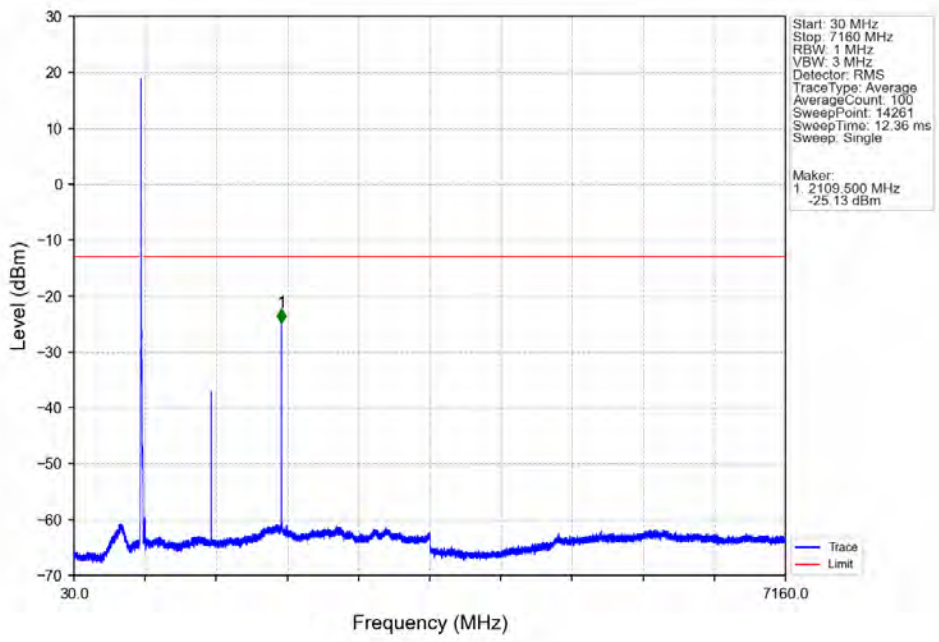


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

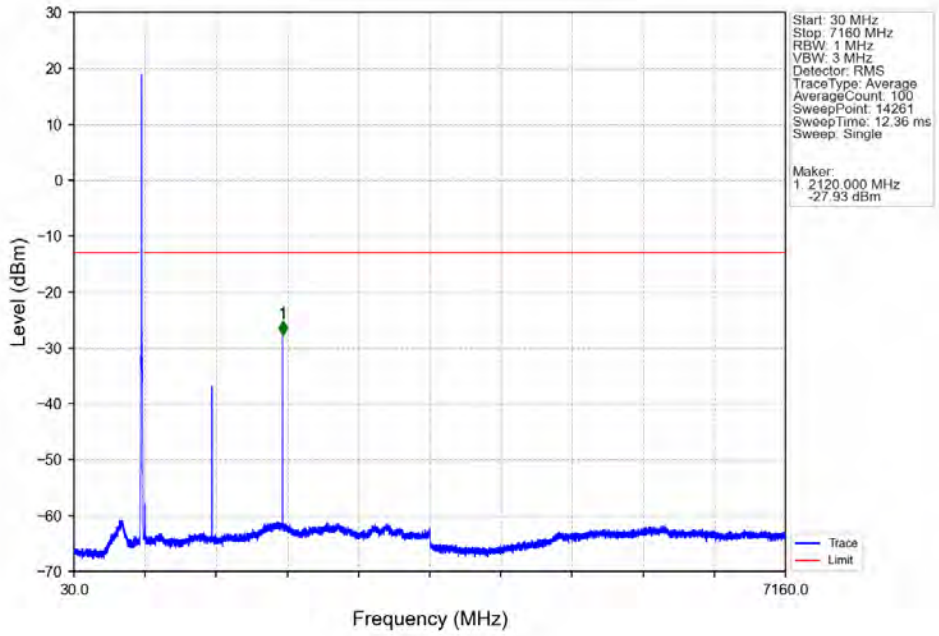


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-29.87	-13	Pass
698.9	699	0.03	/	2	698.977	-27.79	-13	Pass
699	709	0.03	/	/	/	/	/	/

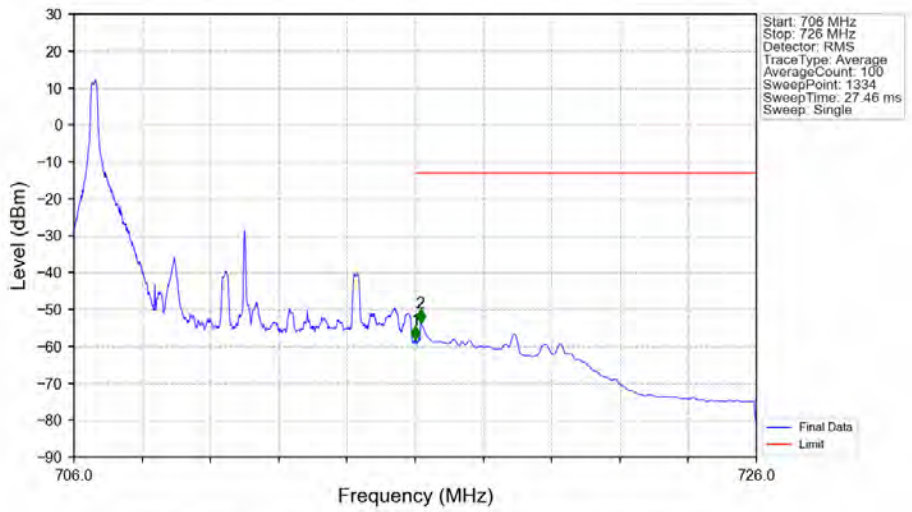
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

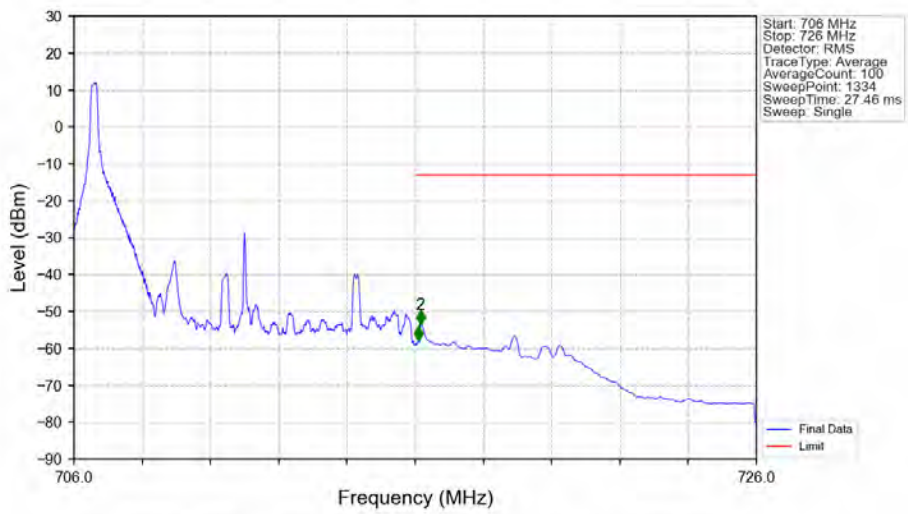


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



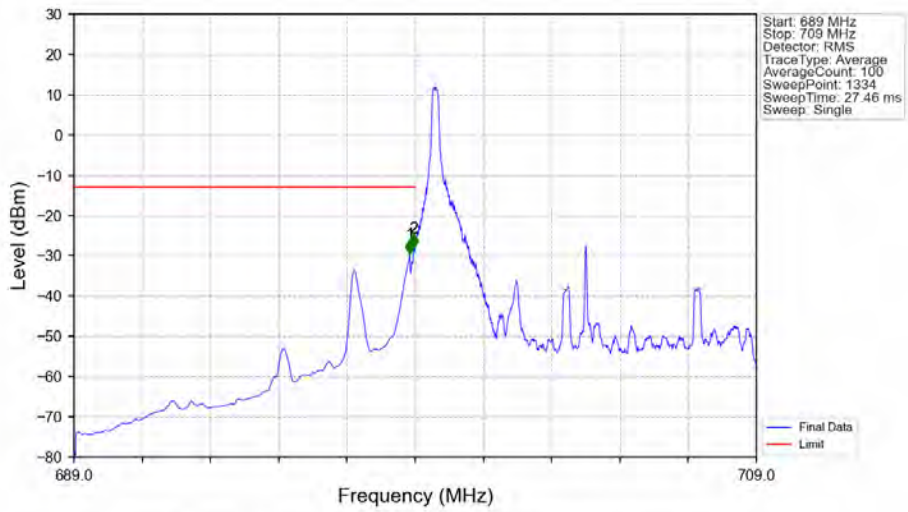
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-58.14	-13	Pass
716.1	726	0.1	CHP	2	716.158	-53.64	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



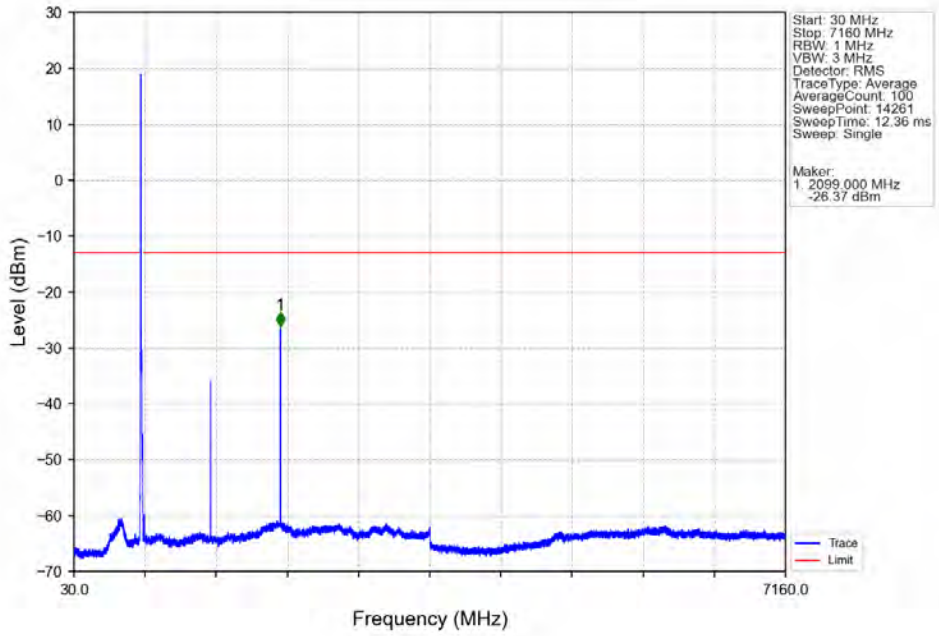
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.098	-57.90	-13	Pass
716.1	726	0.1	CHP	2	716.158	-53.33	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

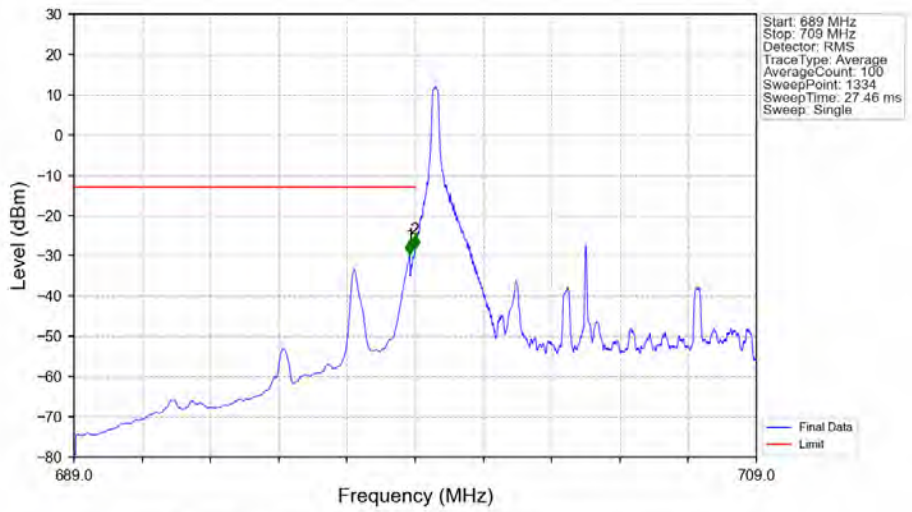


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-29.46	-13	Pass
698.9	699	0.03	/	2	698.962	-28.06	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

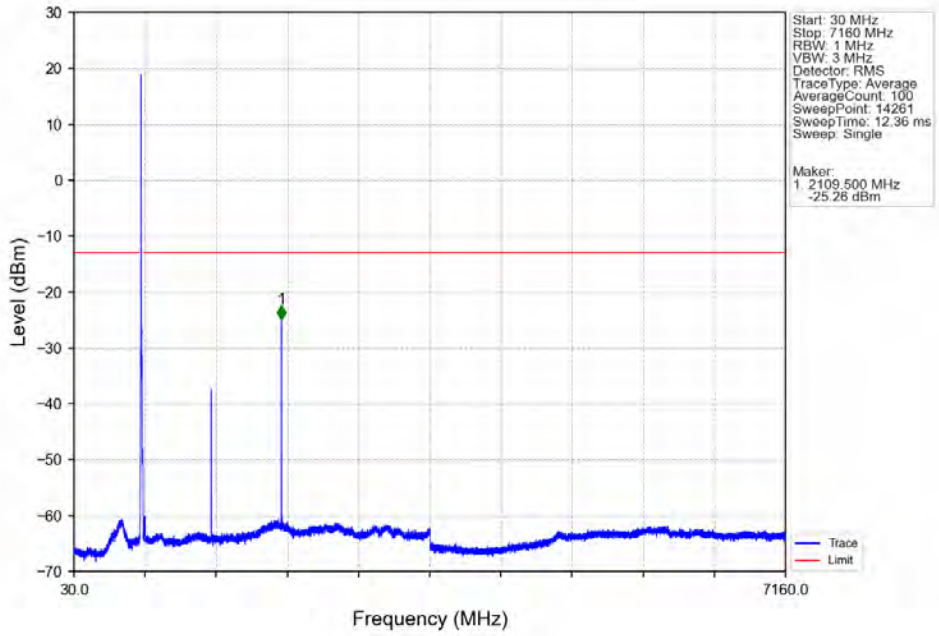


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

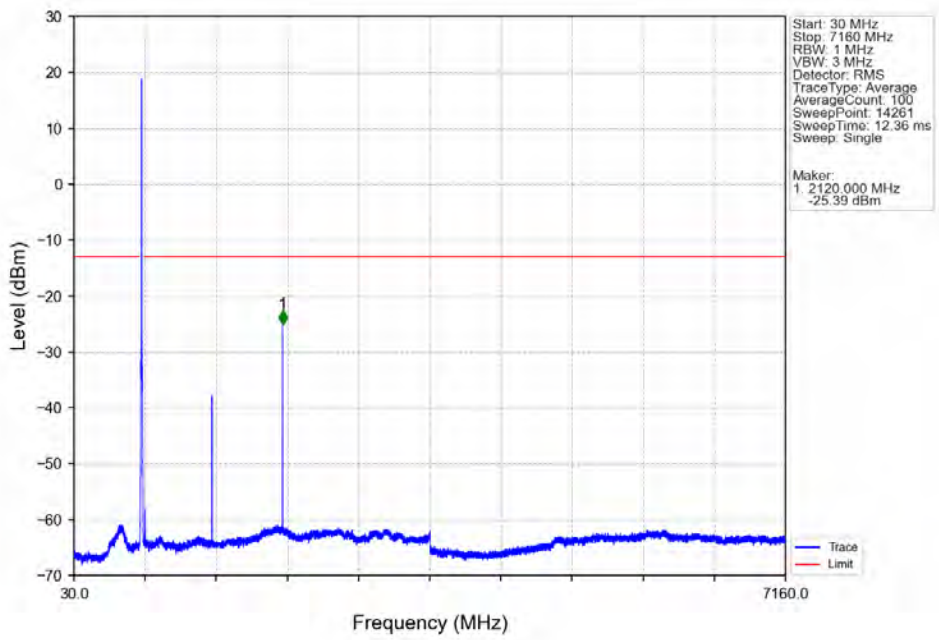


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-29.62	-13	Pass
698.9	699	0.03	/	2	698.992	-28.22	-13	Pass
699	709	0.03	/	/	/	/	/	/

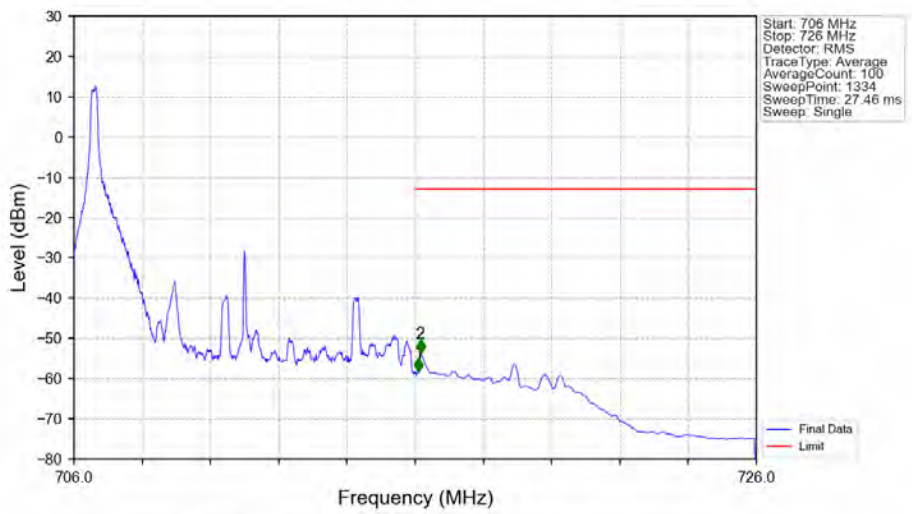
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

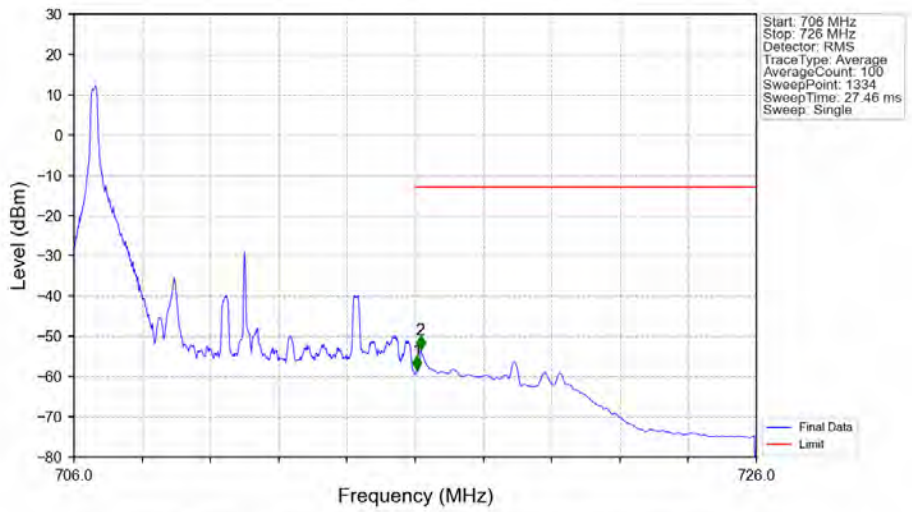


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



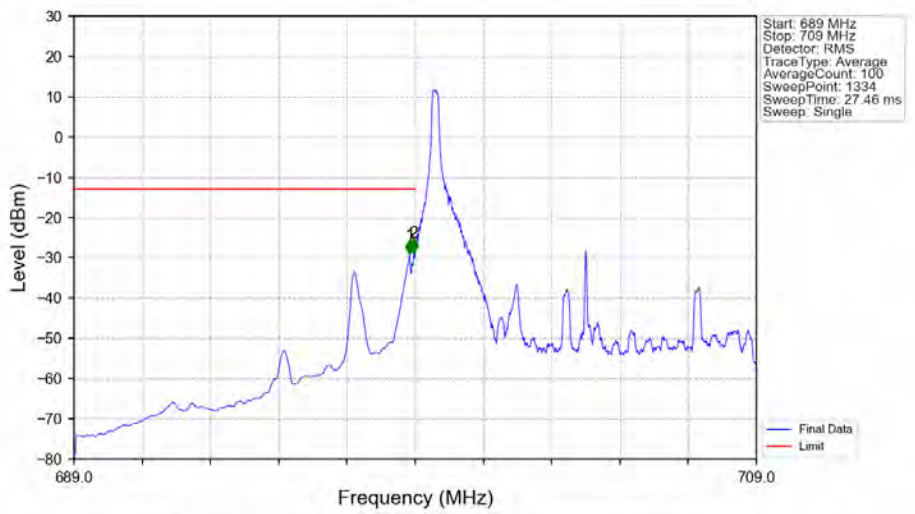
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.098	-58.22	-13	Pass
716.1	726	0.1	CHP	2	716.158	-53.60	-13	Pass

Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



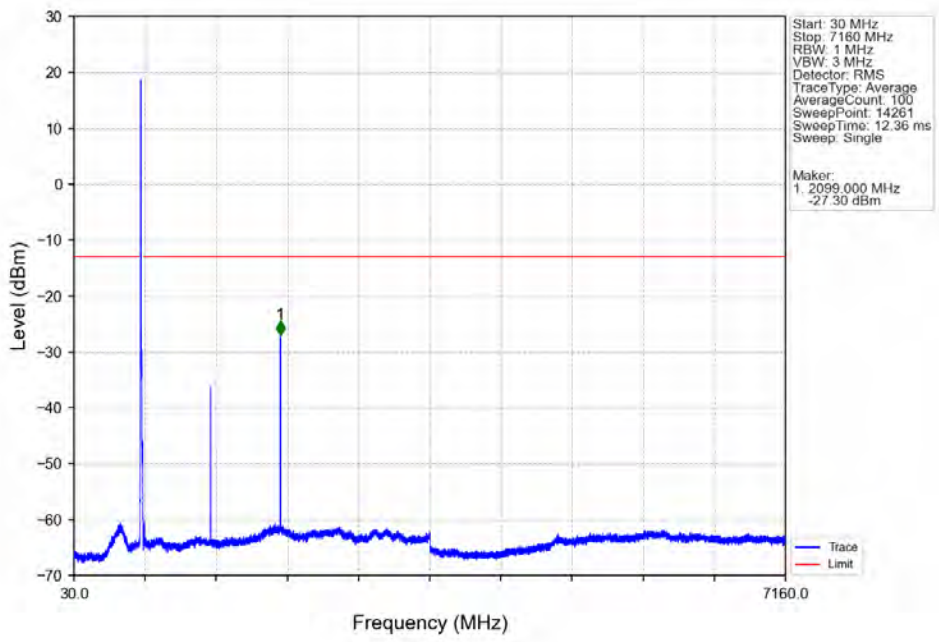
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.053	-58.39	-13	Pass
716.1	726	0.1	CHP	2	716.158	-53.35	-13	Pass

Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV

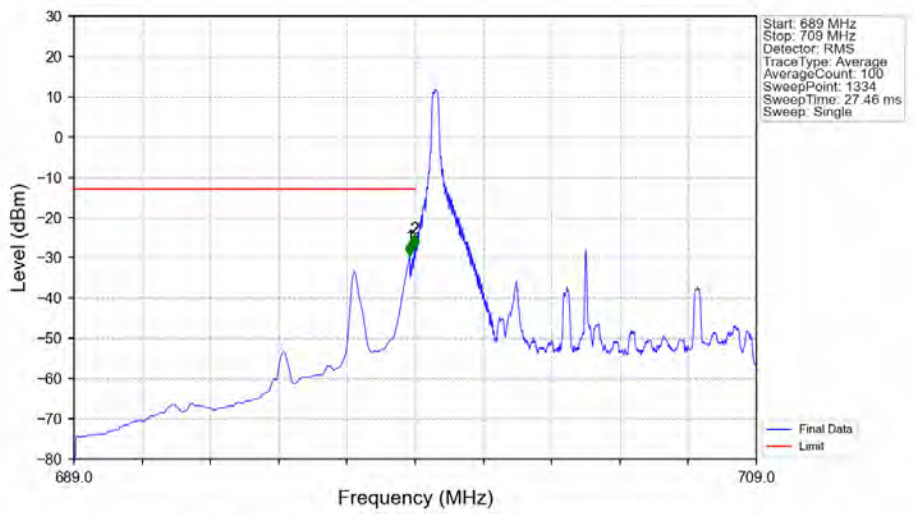


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-29.08	-13	Pass
698.9	699	0.03	/	2	698.962	-28.67	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV

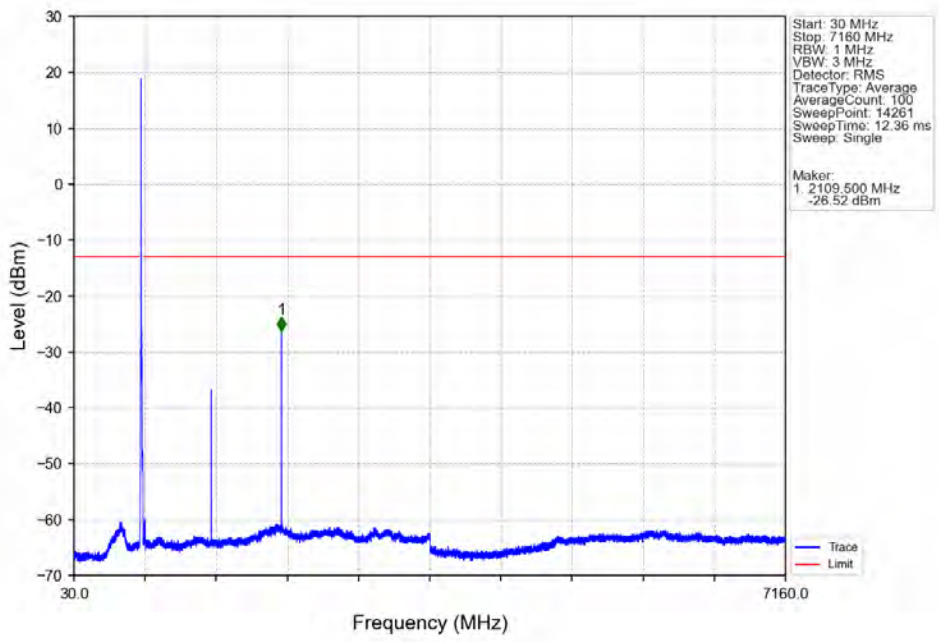


Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV

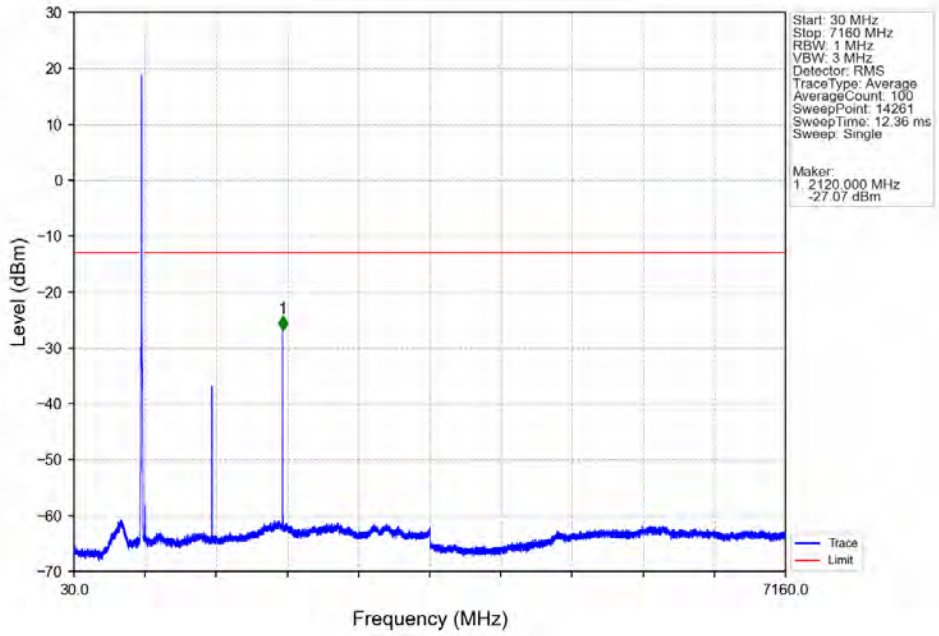


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-29.53	-13	Pass
698.9	699	0.03	/	2	698.977	-27.68	-13	Pass
699	709	0.03	/	/	/	/	/	/

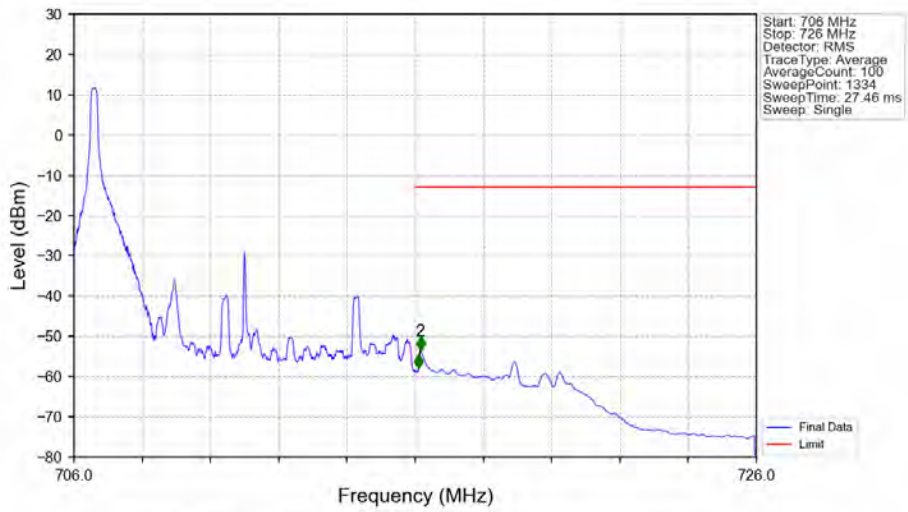
Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV

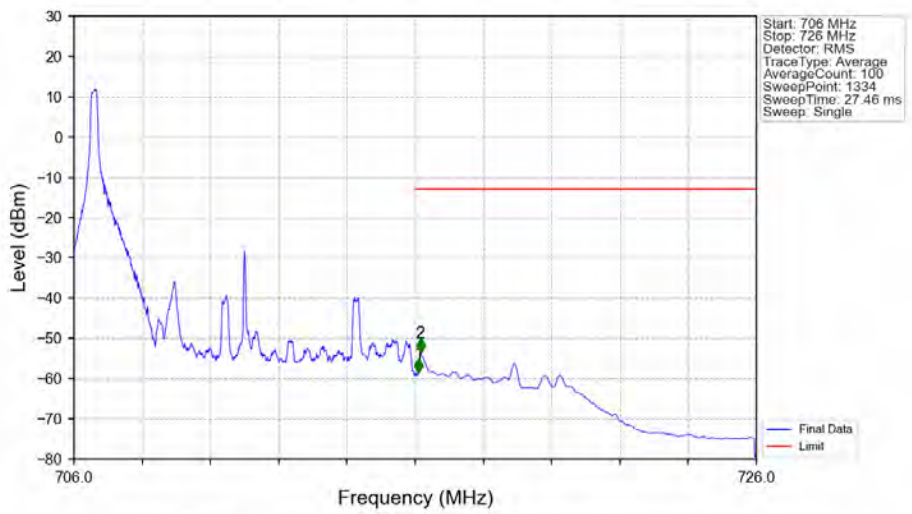


Band12_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV



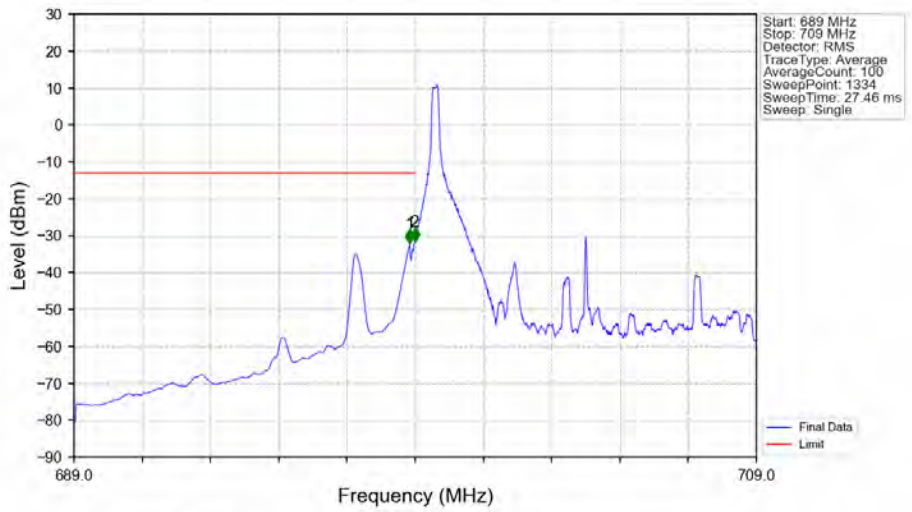
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.098	-57.93	-13	Pass
716.1	726	0.1	CHP	2	716.158	-53.40	-13	Pass

Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



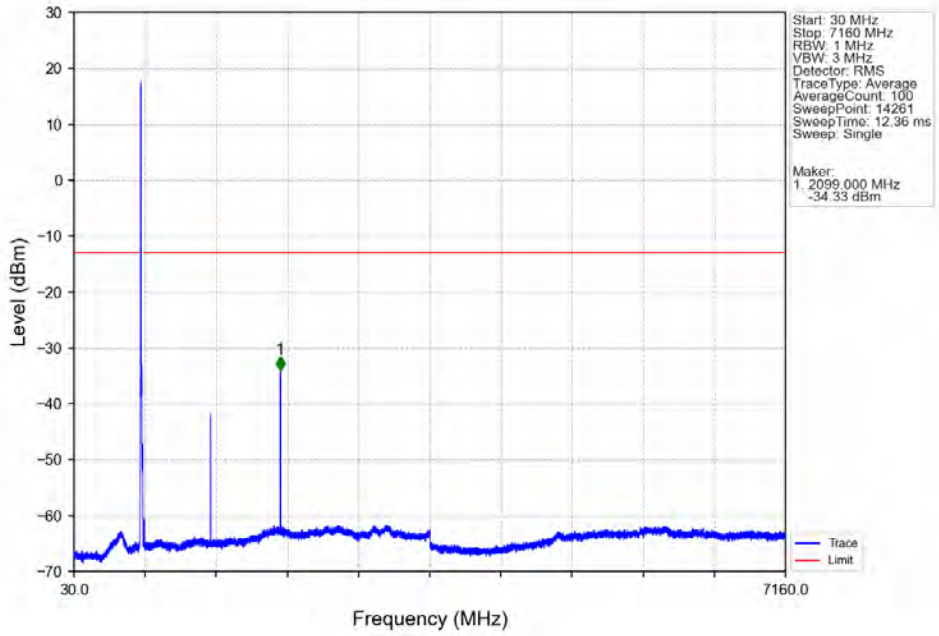
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.098	-58.49	-13	Pass
716.1	726	0.1	CHP	2	716.158	-53.45	-13	Pass

Band12_10MHz_256QAM_LCH_704MHz_RB_1_0_NTNV

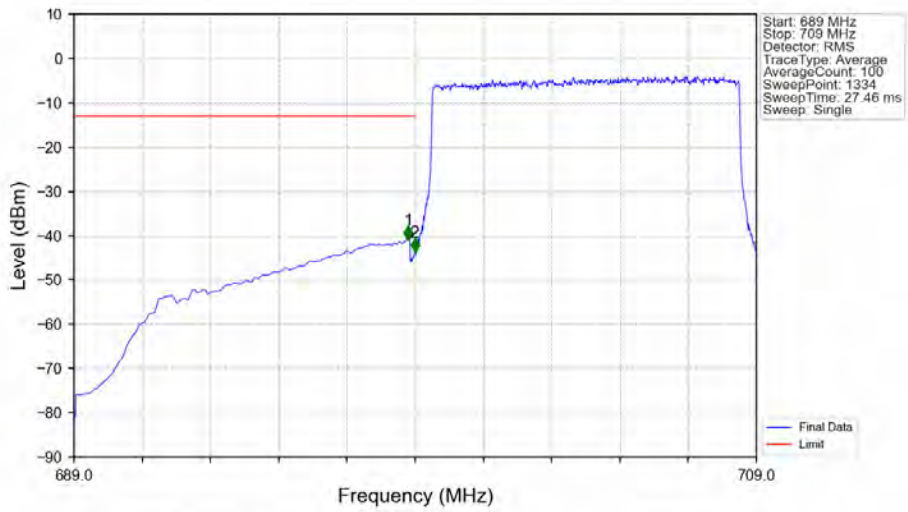


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-31.99	-13	Pass
698.9	699	0.03	/	2	698.992	-31.54	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_256QAM_LCH_704MHz_RB_1_0_NTNV

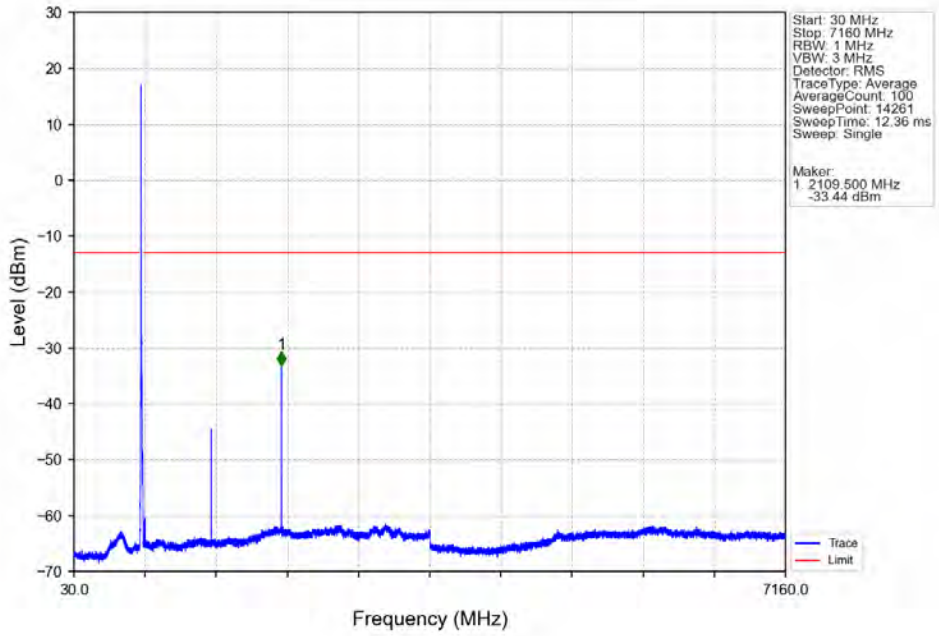


Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV

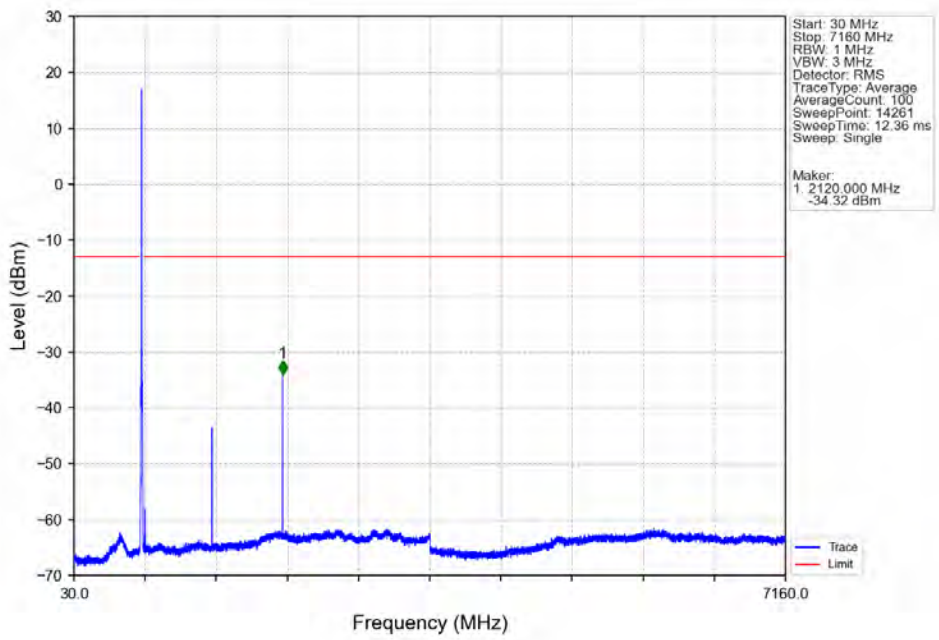


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.797	-40.92	-13	Pass
698.9	699	0.03	/	2	698.992	-43.72	-13	Pass
699	709	0.03	/	/	/	/	/	/

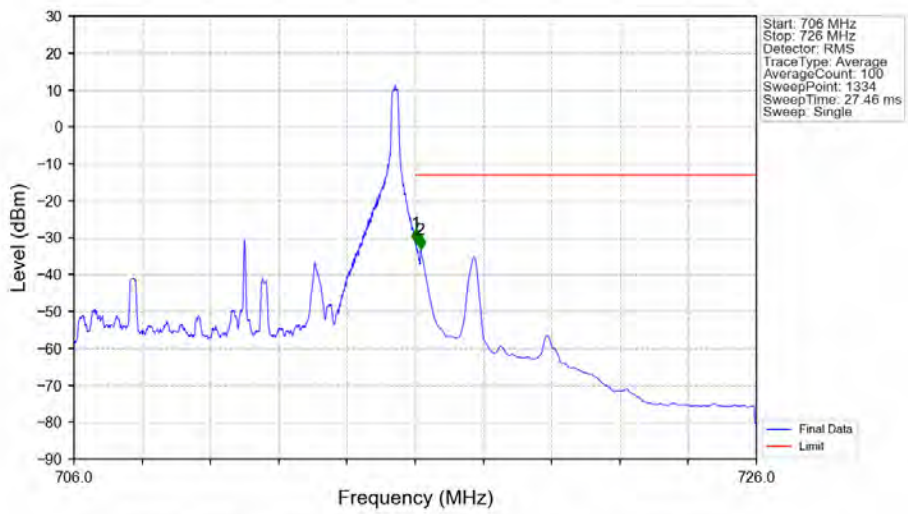
Band12_10MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_1_0_NTNV

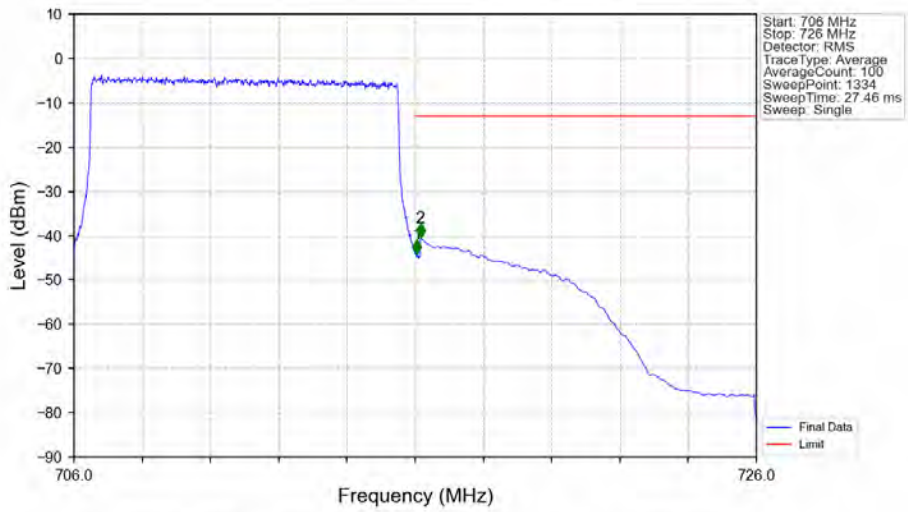


Band12_10MHz_256QAM_HCH_711MHz_RB_1_49_NTNV



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	716.023	-31.25	-13	Pass
716.1	726	0.1	CHP	2	716.158	-33.14	-13	Pass

Band12_10MHz_256QAM_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	716.053	-43.97	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.43	-13	Pass