

1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	23.82	5.29	26.96	<=34.77	Pass
			2	24.05	5.29	27.19	<=34.77	Pass
			5	23.81	5.29	26.95	<=34.77	Pass
		3	0	24.02	5.29	27.16	<=34.77	Pass
			2	23.90	5.29	27.04	<=34.77	Pass
			3	23.82	5.29	26.96	<=34.77	Pass
		6	0	22.95	5.29	26.09	<=34.77	Pass
			0	24.21	5.29	27.35	<=34.77	Pass
			2	23.87	5.29	27.01	<=34.77	Pass
	707.5	1	5	23.83	5.29	26.97	<=34.77	Pass
			0	23.89	5.29	27.03	<=34.77	Pass
			2	23.99	5.29	27.13	<=34.77	Pass
		3	3	23.99	5.29	27.13	<=34.77	Pass
			0	22.98	5.29	26.12	<=34.77	Pass
			0	24.04	5.29	27.18	<=34.77	Pass
		6	2	24.14	5.29	27.28	<=34.77	Pass
			5	23.86	5.29	27.00	<=34.77	Pass
			0	23.83	5.29	26.97	<=34.77	Pass
	715.3	3	2	23.84	5.29	26.98	<=34.77	Pass
			3	23.88	5.29	27.02	<=34.77	Pass
			0	22.88	5.29	26.02	<=34.77	Pass
16QAM	699.7	1	0	23.45	5.29	26.59	<=34.77	Pass
			2	23.10	5.29	26.24	<=34.77	Pass
			5	23.18	5.29	26.32	<=34.77	Pass
		3	0	22.94	5.29	26.08	<=34.77	Pass
			2	22.96	5.29	26.10	<=34.77	Pass
			3	22.98	5.29	26.12	<=34.77	Pass
		6	0	22.02	5.29	25.16	<=34.77	Pass
	707.5	1	0	23.36	5.29	26.50	<=34.77	Pass
			2	23.21	5.29	26.35	<=34.77	Pass
			5	23.31	5.29	26.45	<=34.77	Pass
		3	0	23.06	5.29	26.20	<=34.77	Pass
			2	23.18	5.29	26.32	<=34.77	Pass
			3	23.02	5.29	26.16	<=34.77	Pass
		6	0	22.08	5.29	25.22	<=34.77	Pass
	715.3	1	0	23.00	5.29	26.14	<=34.77	Pass
			2	23.24	5.29	26.38	<=34.77	Pass
			5	23.25	5.29	26.39	<=34.77	Pass
		3	0	23.06	5.29	26.20	<=34.77	Pass
			2	22.92	5.29	26.06	<=34.77	Pass
			3	22.93	5.29	26.07	<=34.77	Pass
		6	0	22.05	5.29	25.19	<=34.77	Pass
64QAM	699.7	1	0	22.93	5.29	26.07	<=34.77	Pass
			2	23.00	5.29	26.14	<=34.77	Pass
			5	23.00	5.29	26.14	<=34.77	Pass
		3	0	23.05	5.29	26.19	<=34.77	Pass

		6	2	22.98	5.29	26.12	<=34.77	Pass
			3	23.06	5.29	26.20	<=34.77	Pass
			0	21.96	5.29	25.10	<=34.77	Pass
	707.5	1	0	23.09	5.29	26.23	<=34.77	Pass
			2	23.03	5.29	26.17	<=34.77	Pass
			5	23.03	5.29	26.17	<=34.77	Pass
		3	0	23.20	5.29	26.34	<=34.77	Pass
			2	23.05	5.29	26.19	<=34.77	Pass
			3	23.05	5.29	26.19	<=34.77	Pass
		6	0	22.03	5.29	25.17	<=34.77	Pass
	715.3	1	0	23.11	5.29	26.25	<=34.77	Pass
			2	22.98	5.29	26.12	<=34.77	Pass
			5	23.07	5.29	26.21	<=34.77	Pass
		3	0	22.98	5.29	26.12	<=34.77	Pass
			2	22.84	5.29	25.98	<=34.77	Pass
			3	22.88	5.29	26.02	<=34.77	Pass
		6	0	21.90	5.29	25.04	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B12_3MHz_ERP

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	23.95	5.29	27.09	<=34.77	Pass
			7	23.96	5.29	27.10	<=34.77	Pass
			14	23.83	5.29	26.97	<=34.77	Pass
		8	0	22.87	5.29	26.01	<=34.77	Pass
			4	22.87	5.29	26.01	<=34.77	Pass
			7	22.94	5.29	26.08	<=34.77	Pass
		15	0	22.92	5.29	26.06	<=34.77	Pass
	707.5	1	0	23.88	5.29	27.02	<=34.77	Pass
			7	24.12	5.29	27.26	<=34.77	Pass
			14	24.08	5.29	27.22	<=34.77	Pass
		8	0	22.98	5.29	26.12	<=34.77	Pass
			4	23.01	5.29	26.15	<=34.77	Pass
			7	22.97	5.29	26.11	<=34.77	Pass
		15	0	22.97	5.29	26.11	<=34.77	Pass
	714.5	1	0	23.96	5.29	27.10	<=34.77	Pass
			7	23.91	5.29	27.05	<=34.77	Pass
			14	23.76	5.29	26.90	<=34.77	Pass
		8	0	22.96	5.29	26.10	<=34.77	Pass
			4	22.99	5.29	26.13	<=34.77	Pass
			7	22.83	5.29	25.97	<=34.77	Pass
		15	0	22.94	5.29	26.08	<=34.77	Pass
16QAM	700.5	1	0	23.32	5.29	26.46	<=34.77	Pass
			7	23.01	5.29	26.15	<=34.77	Pass
			14	22.99	5.29	26.13	<=34.77	Pass
		8	0	22.02	5.29	25.16	<=34.77	Pass
			4	21.99	5.29	25.13	<=34.77	Pass
			7	21.94	5.29	25.08	<=34.77	Pass
		15	0	21.93	5.29	25.07	<=34.77	Pass

	707.5	1	0	23.26	5.29	26.40	<=34.77	Pass
			7	23.31	5.29	26.45	<=34.77	Pass
			14	23.39	5.29	26.53	<=34.77	Pass
		8	0	21.99	5.29	25.13	<=34.77	Pass
			4	22.04	5.29	25.18	<=34.77	Pass
			7	22.05	5.29	25.19	<=34.77	Pass
		15	0	21.97	5.29	25.11	<=34.77	Pass
	714.5	1	0	23.24	5.29	26.38	<=34.77	Pass
			7	23.25	5.29	26.39	<=34.77	Pass
			14	23.24	5.29	26.38	<=34.77	Pass
		8	0	22.03	5.29	25.17	<=34.77	Pass
			4	21.96	5.29	25.10	<=34.77	Pass
			7	22.01	5.29	25.15	<=34.77	Pass
		15	0	22.06	5.29	25.20	<=34.77	Pass
64QAM	700.5	1	0	23.12	5.29	26.26	<=34.77	Pass
			7	23.01	5.29	26.15	<=34.77	Pass
			14	22.79	5.29	25.93	<=34.77	Pass
		8	0	21.88	5.29	25.02	<=34.77	Pass
			4	22.00	5.29	25.14	<=34.77	Pass
			7	22.00	5.29	25.14	<=34.77	Pass
		15	0	22.03	5.29	25.17	<=34.77	Pass
	707.5	1	0	23.02	5.29	26.16	<=34.77	Pass
			7	23.10	5.29	26.24	<=34.77	Pass
			14	23.03	5.29	26.17	<=34.77	Pass
		8	0	22.01	5.29	25.15	<=34.77	Pass
			4	22.08	5.29	25.22	<=34.77	Pass
			7	21.96	5.29	25.10	<=34.77	Pass
		15	0	21.99	5.29	25.13	<=34.77	Pass
	714.5	1	0	23.06	5.29	26.20	<=34.77	Pass
			7	23.06	5.29	26.20	<=34.77	Pass
			14	23.01	5.29	26.15	<=34.77	Pass
		8	0	21.98	5.29	25.12	<=34.77	Pass
			4	21.93	5.29	25.07	<=34.77	Pass
			7	21.97	5.29	25.11	<=34.77	Pass
		15	0	22.00	5.29	25.14	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B12_5MHz_ERP

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	23.95	5.29	27.09	<=34.77	Pass
			13	23.91	5.29	27.05	<=34.77	Pass
			24	23.79	5.29	26.93	<=34.77	Pass
		12	0	22.90	5.29	26.04	<=34.77	Pass
			6	23.02	5.29	26.16	<=34.77	Pass
			13	22.86	5.29	26.00	<=34.77	Pass
		25	0	22.97	5.29	26.11	<=34.77	Pass
	707.5	1	0	23.89	5.29	27.03	<=34.77	Pass
			13	24.07	5.29	27.21	<=34.77	Pass
			24	23.95	5.29	27.09	<=34.77	Pass

		12	0	22.93	5.29	26.07	<=34.77	Pass
			6	23.00	5.29	26.14	<=34.77	Pass
			13	22.97	5.29	26.11	<=34.77	Pass
		25	0	23.04	5.29	26.18	<=34.77	Pass
	713.5	1	0	23.95	5.29	27.09	<=34.77	Pass
			13	23.88	5.29	27.02	<=34.77	Pass
			24	23.81	5.29	26.95	<=34.77	Pass
		12	0	23.00	5.29	26.14	<=34.77	Pass
			6	22.99	5.29	26.13	<=34.77	Pass
			13	22.84	5.29	25.98	<=34.77	Pass
		25	0	23.03	5.29	26.17	<=34.77	Pass
16QAM	701.5	1	0	23.14	5.29	26.28	<=34.77	Pass
			13	23.16	5.29	26.30	<=34.77	Pass
			24	23.08	5.29	26.22	<=34.77	Pass
		12	0	21.99	5.29	25.13	<=34.77	Pass
			6	21.94	5.29	25.08	<=34.77	Pass
			13	21.98	5.29	25.12	<=34.77	Pass
		25	0	21.98	5.29	25.12	<=34.77	Pass
	707.5	1	0	23.17	5.29	26.31	<=34.77	Pass
			13	23.38	5.29	26.52	<=34.77	Pass
			24	23.03	5.29	26.17	<=34.77	Pass
		12	0	22.09	5.29	25.23	<=34.77	Pass
			6	21.99	5.29	25.13	<=34.77	Pass
			13	22.05	5.29	25.19	<=34.77	Pass
		25	0	21.92	5.29	25.06	<=34.77	Pass
	713.5	1	0	23.25	5.29	26.39	<=34.77	Pass
			13	23.09	5.29	26.23	<=34.77	Pass
			24	23.01	5.29	26.15	<=34.77	Pass
		12	0	21.95	5.29	25.09	<=34.77	Pass
			6	21.98	5.29	25.12	<=34.77	Pass
			13	21.91	5.29	25.05	<=34.77	Pass
		25	0	22.08	5.29	25.22	<=34.77	Pass
64QAM	701.5	1	0	22.98	5.29	26.12	<=34.77	Pass
			13	22.94	5.29	26.08	<=34.77	Pass
			24	22.80	5.29	25.94	<=34.77	Pass
		12	0	21.95	5.29	25.09	<=34.77	Pass
			6	21.97	5.29	25.11	<=34.77	Pass
			13	21.87	5.29	25.01	<=34.77	Pass
		25	0	21.90	5.29	25.04	<=34.77	Pass
	707.5	1	0	23.18	5.29	26.32	<=34.77	Pass
			13	23.06	5.29	26.20	<=34.77	Pass
			24	23.01	5.29	26.15	<=34.77	Pass
		12	0	22.01	5.29	25.15	<=34.77	Pass
			6	22.09	5.29	25.23	<=34.77	Pass
			13	21.88	5.29	25.02	<=34.77	Pass
		25	0	21.93	5.29	25.07	<=34.77	Pass
	713.5	1	0	23.12	5.29	26.26	<=34.77	Pass
			13	22.95	5.29	26.09	<=34.77	Pass
			24	22.82	5.29	25.96	<=34.77	Pass
		12	0	22.08	5.29	25.22	<=34.77	Pass
			6	21.99	5.29	25.13	<=34.77	Pass
			13	21.90	5.29	25.04	<=34.77	Pass
		25	0	22.03	5.29	25.17	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B12_10MHz_ERP

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	23.94	5.29	27.08	<=34.77	Pass
			25	23.91	5.29	27.05	<=34.77	Pass
			49	24.04	5.29	27.18	<=34.77	Pass
		25	0	22.92	5.29	26.06	<=34.77	Pass
			13	23.00	5.29	26.14	<=34.77	Pass
			25	22.95	5.29	26.09	<=34.77	Pass
		50	0	23.02	5.29	26.16	<=34.77	Pass
	707.5	1	0	23.79	5.29	26.93	<=34.77	Pass
			25	24.01	5.29	27.15	<=34.77	Pass
			49	23.78	5.29	26.92	<=34.77	Pass
		25	0	23.04	5.29	26.18	<=34.77	Pass
			13	23.09	5.29	26.23	<=34.77	Pass
			25	22.97	5.29	26.11	<=34.77	Pass
		50	0	23.00	5.29	26.14	<=34.77	Pass
	711	1	0	24.00	5.29	27.14	<=34.77	Pass
			25	23.91	5.29	27.05	<=34.77	Pass
			49	23.82	5.29	26.96	<=34.77	Pass
		25	0	23.02	5.29	26.16	<=34.77	Pass
			13	23.10	5.29	26.24	<=34.77	Pass
			25	22.87	5.29	26.01	<=34.77	Pass
		50	0	22.97	5.29	26.11	<=34.77	Pass
16QAM	704	1	0	23.16	5.29	26.30	<=34.77	Pass
			25	23.09	5.29	26.23	<=34.77	Pass
			49	23.36	5.29	26.50	<=34.77	Pass
		25	0	22.00	5.29	25.14	<=34.77	Pass
			13	21.89	5.29	25.03	<=34.77	Pass
			25	21.96	5.29	25.10	<=34.77	Pass
		50	0	22.01	5.29	25.15	<=34.77	Pass
	707.5	1	0	23.17	5.29	26.31	<=34.77	Pass
			25	23.37	5.29	26.51	<=34.77	Pass
			49	23.36	5.29	26.50	<=34.77	Pass
		25	0	22.04	5.29	25.18	<=34.77	Pass
			13	21.95	5.29	25.09	<=34.77	Pass
			25	22.00	5.29	25.14	<=34.77	Pass
		50	0	22.07	5.29	25.21	<=34.77	Pass
	711	1	0	23.23	5.29	26.37	<=34.77	Pass
			25	23.29	5.29	26.43	<=34.77	Pass
			49	23.17	5.29	26.31	<=34.77	Pass
		25	0	22.09	5.29	25.23	<=34.77	Pass
			13	22.08	5.29	25.22	<=34.77	Pass
			25	21.97	5.29	25.11	<=34.77	Pass
		50	0	22.13	5.29	25.27	<=34.77	Pass
64QAM	704	1	0	23.34	5.29	26.48	<=34.77	Pass
			25	23.17	5.29	26.31	<=34.77	Pass
			49	23.12	5.29	26.26	<=34.77	Pass
		25	0	22.00	5.29	25.14	<=34.77	Pass
			13	22.04	5.29	25.18	<=34.77	Pass
			25	22.03	5.29	25.17	<=34.77	Pass
		50	0	22.02	5.29	25.16	<=34.77	Pass

	707.5	1	0	23.04	5.29	26.18	<=34.77	Pass
			25	23.18	5.29	26.32	<=34.77	Pass
			49	23.05	5.29	26.19	<=34.77	Pass
		25	0	22.14	5.29	25.28	<=34.77	Pass
			13	22.08	5.29	25.22	<=34.77	Pass
			25	22.04	5.29	25.18	<=34.77	Pass
		50	0	22.00	5.29	25.14	<=34.77	Pass
	711	1	0	23.24	5.29	26.38	<=34.77	Pass
			25	23.04	5.29	26.18	<=34.77	Pass
			49	22.83	5.29	25.97	<=34.77	Pass
		25	0	22.16	5.29	25.30	<=34.77	Pass
			13	22.07	5.29	25.21	<=34.77	Pass
			25	21.93	5.29	25.07	<=34.77	Pass
		50	0	22.10	5.29	25.24	<=34.77	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

2. Frequency Stability

2.1 B12_1.4MHz

2.1.1 Test Result

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	699.7	6	0	20	3.27	16.100	0.0230	-2.5 to 2.5	Pass
					3.85	19.600	0.0280	-2.5 to 2.5	Pass
					4.43	11.400	0.0163	-2.5 to 2.5	Pass
				-30	3.85	16.200	0.0232	-2.5 to 2.5	Pass
				-20	3.85	13.700	0.0196	-2.5 to 2.5	Pass
				-10	3.85	8.700	0.0124	-2.5 to 2.5	Pass
				0	3.85	8.200	0.0117	-2.5 to 2.5	Pass
				10	3.85	6.500	0.0093	-2.5 to 2.5	Pass
				30	3.85	5.600	0.0080	-2.5 to 2.5	Pass
				40	3.85	5.000	0.0071	-2.5 to 2.5	Pass
				50	3.85	3.300	0.0047	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-11.800	-0.0167	-2.5 to 2.5	Pass
					3.85	-10.300	-0.0146	-2.5 to 2.5	Pass
					4.43	-24.100	-0.0341	-2.5 to 2.5	Pass
				-30	3.85	-20.600	-0.0291	-2.5 to 2.5	Pass
				-20	3.85	-19.200	-0.0271	-2.5 to 2.5	Pass
				-10	3.85	-8.400	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-9.100	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-7.200	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-4.600	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-2.400	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.100	-0.0058	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	10.300	0.0144	-2.5 to 2.5	Pass
					3.85	18.300	0.0256	-2.5 to 2.5	Pass
					4.43	9.500	0.0133	-2.5 to 2.5	Pass
				-30	3.85	14.200	0.0199	-2.5 to 2.5	Pass
				-20	3.85	9.700	0.0136	-2.5 to 2.5	Pass
				-10	3.85	9.500	0.0133	-2.5 to 2.5	Pass
				0	3.85	8.300	0.0116	-2.5 to 2.5	Pass

				10	3.85	6.700	0.0094	-2.5 to 2.5	Pass
				30	3.85	5.900	0.0082	-2.5 to 2.5	Pass
				40	3.85	3.600	0.0050	-2.5 to 2.5	Pass
				50	3.85	3.900	0.0055	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	3.600	0.0051	-2.5 to 2.5	Pass
					3.85	4.300	0.0061	-2.5 to 2.5	Pass
					4.43	3.300	0.0047	-2.5 to 2.5	Pass
				-30	3.85	2.500	0.0036	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.800	0.0040	-2.5 to 2.5	Pass
				10	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				40	3.85	1.200	0.0017	-2.5 to 2.5	Pass
				50	3.85	1.300	0.0019	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-2.600	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.500	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.100	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.400	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.000	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.700	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.000	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.800	-0.0011	-2.5 to 2.5	Pass
				50	3.85	0.400	0.0006	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	2.400	0.0034	-2.5 to 2.5	Pass
					3.85	2.700	0.0038	-2.5 to 2.5	Pass
					4.43	3.400	0.0048	-2.5 to 2.5	Pass
				-30	3.85	2.200	0.0031	-2.5 to 2.5	Pass
				-20	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.700	0.0038	-2.5 to 2.5	Pass
				40	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
64QAM	699.7	6	0	20	3.27	188.000	0.2687	-2.5 to 2.5	Pass
					3.85	-192.200	-0.2747	-2.5 to 2.5	Pass
					4.43	126.300	0.1805	-2.5 to 2.5	Pass
				-30	3.85	185.500	0.2651	-2.5 to 2.5	Pass
				-20	3.85	-189.600	-0.2710	-2.5 to 2.5	Pass
				-10	3.85	-189.600	-0.2710	-2.5 to 2.5	Pass
				0	3.85	-191.900	-0.2743	-2.5 to 2.5	Pass
				10	3.85	156.300	0.2234	-2.5 to 2.5	Pass
				30	3.85	192.700	0.2754	-2.5 to 2.5	Pass
				40	3.85	-16.900	-0.0242	-2.5 to 2.5	Pass
				50	3.85	148.600	0.2124	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	194.800	0.2753	-2.5 to 2.5	Pass
					3.85	-188.600	-0.2666	-2.5 to 2.5	Pass
					4.43	105.300	0.1488	-2.5 to 2.5	Pass
				-30	3.85	-176.100	-0.2489	-2.5 to 2.5	Pass
				-20	3.85	193.800	0.2739	-2.5 to 2.5	Pass
				-10	3.85	193.300	0.2732	-2.5 to 2.5	Pass
				0	3.85	195.100	0.2758	-2.5 to 2.5	Pass
				10	3.85	154.100	0.2178	-2.5 to 2.5	Pass

	715.3	6	0	30	3.85	191.900	0.2712	-2.5 to 2.5	Pass
				40	3.85	181.200	0.2561	-2.5 to 2.5	Pass
				50	3.85	108.100	0.1528	-2.5 to 2.5	Pass
				20	3.27	190.900	0.2669	-2.5 to 2.5	Pass
					3.85	122.300	0.1710	-2.5 to 2.5	Pass
					4.43	-145.600	-0.2036	-2.5 to 2.5	Pass
				-30	3.85	111.600	0.1560	-2.5 to 2.5	Pass
				-20	3.85	-183.300	-0.2563	-2.5 to 2.5	Pass
				-10	3.85	193.100	0.2700	-2.5 to 2.5	Pass
				0	3.85	-29.000	-0.0405	-2.5 to 2.5	Pass
				10	3.85	190.100	0.2658	-2.5 to 2.5	Pass
				30	3.85	140.400	0.1963	-2.5 to 2.5	Pass
				40	3.85	-149.600	-0.2091	-2.5 to 2.5	Pass
				50	3.85	-179.400	-0.2508	-2.5 to 2.5	Pass

2.2 B12_3MHz

2.2.1 Test Result

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	700.5	15	0	20	3.27	2.900	0.0041	-2.5 to 2.5	Pass
					3.85	3.600	0.0051	-2.5 to 2.5	Pass
					4.43	1.500	0.0021	-2.5 to 2.5	Pass
				-30	3.85	3.200	0.0046	-2.5 to 2.5	Pass
				-20	3.85	2.200	0.0031	-2.5 to 2.5	Pass
				-10	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				10	3.85	1.900	0.0027	-2.5 to 2.5	Pass
				30	3.85	2.300	0.0033	-2.5 to 2.5	Pass
				40	3.85	1.900	0.0027	-2.5 to 2.5	Pass
				50	3.85	0.400	0.0006	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	1.000	0.0014	-2.5 to 2.5	Pass
					3.85	2.500	0.0035	-2.5 to 2.5	Pass
					4.43	4.200	0.0059	-2.5 to 2.5	Pass
				-30	3.85	1.300	0.0018	-2.5 to 2.5	Pass
				-20	3.85	1.100	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.000	0.0028	-2.5 to 2.5	Pass
				0	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				30	3.85	3.000	0.0042	-2.5 to 2.5	Pass
				40	3.85	2.400	0.0034	-2.5 to 2.5	Pass
				50	3.85	2.700	0.0038	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	0.700	0.0010	-2.5 to 2.5	Pass
					3.85	1.100	0.0015	-2.5 to 2.5	Pass
					4.43	0.800	0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.000	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				10	3.85	1.400	0.0020	-2.5 to 2.5	Pass
				30	3.85	1.100	0.0015	-2.5 to 2.5	Pass
				40	3.85	2.000	0.0028	-2.5 to 2.5	Pass

				50	3.85	0.800	0.0011	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	1.700	0.0024	-2.5 to 2.5	Pass
					3.85	1.200	0.0017	-2.5 to 2.5	Pass
					4.43	2.200	0.0031	-2.5 to 2.5	Pass
				-30	3.85	2.600	0.0037	-2.5 to 2.5	Pass
				-20	3.85	2.100	0.0030	-2.5 to 2.5	Pass
				-10	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.100	0.0030	-2.5 to 2.5	Pass
				30	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				40	3.85	2.600	0.0037	-2.5 to 2.5	Pass
				50	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				707.5	15	0	20	3.27	0.200
	3.85	1.600	0.0023					-2.5 to 2.5	Pass
	4.43	2.200	0.0031					-2.5 to 2.5	Pass
	-30	3.85	2.200				0.0031	-2.5 to 2.5	Pass
	-20	3.85	2.000				0.0028	-2.5 to 2.5	Pass
	-10	3.85	2.800				0.0040	-2.5 to 2.5	Pass
	0	3.85	2.100				0.0030	-2.5 to 2.5	Pass
	10	3.85	2.300				0.0033	-2.5 to 2.5	Pass
	30	3.85	2.000				0.0028	-2.5 to 2.5	Pass
	40	3.85	3.500				0.0049	-2.5 to 2.5	Pass
	50	3.85	1.400				0.0020	-2.5 to 2.5	Pass
	714.5	15	0				20	3.27	-0.200
				3.85	1.900	0.0027		-2.5 to 2.5	Pass
				4.43	1.500	0.0021		-2.5 to 2.5	Pass
				-30	3.85	1.200	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.400	0.0020	-2.5 to 2.5	Pass
				0	3.85	1.100	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				64QAM	700.5	15	0	20	3.27
3.85	43.700	0.0624	-2.5 to 2.5						Pass
4.43	-60.100	-0.0858	-2.5 to 2.5						Pass
-30	3.85	155.700	0.2223					-2.5 to 2.5	Pass
-20	3.85	-105.700	-0.1509					-2.5 to 2.5	Pass
-10	3.85	78.200	0.1116					-2.5 to 2.5	Pass
0	3.85	37.400	0.0534					-2.5 to 2.5	Pass
10	3.85	-43.200	-0.0617					-2.5 to 2.5	Pass
30	3.85	44.100	0.0630					-2.5 to 2.5	Pass
40	3.85	-108.300	-0.1546					-2.5 to 2.5	Pass
50	3.85	98.100	0.1400					-2.5 to 2.5	Pass
707.5	15	0	20					3.27	-56.200
					3.85	-13.700	-0.0194	-2.5 to 2.5	Pass
					4.43	-31.500	-0.0445	-2.5 to 2.5	Pass
			-30		3.85	158.000	0.2233	-2.5 to 2.5	Pass
			-20		3.85	65.100	0.0920	-2.5 to 2.5	Pass
			-10		3.85	152.000	0.2148	-2.5 to 2.5	Pass
			0		3.85	-6.200	-0.0088	-2.5 to 2.5	Pass
			10		3.85	49.500	0.0700	-2.5 to 2.5	Pass
			30		3.85	42.700	0.0604	-2.5 to 2.5	Pass
			40		3.85	38.200	0.0540	-2.5 to 2.5	Pass
			50		3.85	-0.700	-0.0010	-2.5 to 2.5	Pass

	714.5	15	0	20	3.27	46.200	0.0647	-2.5 to 2.5	Pass
					3.85	-22.800	-0.0319	-2.5 to 2.5	Pass
					4.43	40.600	0.0568	-2.5 to 2.5	Pass
				-30	3.85	-29.600	-0.0414	-2.5 to 2.5	Pass
				-20	3.85	-22.500	-0.0315	-2.5 to 2.5	Pass
				-10	3.85	-4.600	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-54.700	-0.0766	-2.5 to 2.5	Pass
				10	3.85	32.800	0.0459	-2.5 to 2.5	Pass
				30	3.85	-71.500	-0.1001	-2.5 to 2.5	Pass
				40	3.85	-100.000	-0.1400	-2.5 to 2.5	Pass
				50	3.85	-24.900	-0.0348	-2.5 to 2.5	Pass

2.3 B12_5MHz

2.3.1 Test Result

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	701.5	25	0	20	3.27	1.400	0.0020	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	1.200	0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.000	0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.800	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.500	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.400	0.0034	-2.5 to 2.5	Pass
				50	3.85	0.900	0.0013	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
					4.43	1.600	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.300	0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.100	0.0016	-2.5 to 2.5	Pass
				30	3.85	1.000	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.500	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.000	0.0014	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	1.600	0.0022	-2.5 to 2.5	Pass
					3.85	0.400	0.0006	-2.5 to 2.5	Pass
					4.43	1.600	0.0022	-2.5 to 2.5	Pass
				-30	3.85	1.600	0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.300	0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				0	3.85	0.500	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.100	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.600	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.700	0.0010	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	1.900	0.0027	-2.5 to 2.5	Pass
					3.85	1.600	0.0023	-2.5 to 2.5	Pass

64QAM					4.43	1.300	0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.400	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.200	0.0017	-2.5 to 2.5	Pass
				0	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.85	2.000	0.0029	-2.5 to 2.5	Pass
				40	3.85	1.600	0.0023	-2.5 to 2.5	Pass
				50	3.85	0.300	0.0004	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	1.700	0.0024	-2.5 to 2.5	Pass
					3.85	1.300	0.0018	-2.5 to 2.5	Pass
					4.43	0.600	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.600	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.600	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				40	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				50	3.85	2.000	0.0028	-2.5 to 2.5	Pass
				20	3.27	1.600	0.0022	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
					4.43	0.700	0.0010	-2.5 to 2.5	Pass
	713.5	25	0	-30	3.85	2.200	0.0031	-2.5 to 2.5	Pass
				-20	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				-10	3.85	0.600	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.900	0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.700	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				50	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				20	3.27	16.800	0.0239	-2.5 to 2.5	Pass
					3.85	-14.900	-0.0212	-2.5 to 2.5	Pass
					4.43	-19.600	-0.0279	-2.5 to 2.5	Pass
	701.5	25	0	-30	3.85	-27.400	-0.0391	-2.5 to 2.5	Pass
				-20	3.85	3.800	0.0054	-2.5 to 2.5	Pass
				-10	3.85	7.000	0.0100	-2.5 to 2.5	Pass
				0	3.85	-18.400	-0.0262	-2.5 to 2.5	Pass
				10	3.85	-31.100	-0.0443	-2.5 to 2.5	Pass
				30	3.85	-39.000	-0.0556	-2.5 to 2.5	Pass
				40	3.85	15.000	0.0214	-2.5 to 2.5	Pass
				50	3.85	-14.700	-0.0210	-2.5 to 2.5	Pass
				20	3.27	7.300	0.0103	-2.5 to 2.5	Pass
					3.85	-29.200	-0.0413	-2.5 to 2.5	Pass
					4.43	-44.100	-0.0623	-2.5 to 2.5	Pass
	707.5	25	0	-30	3.85	-4.700	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	10.900	0.0154	-2.5 to 2.5	Pass
				-10	3.85	-45.500	-0.0643	-2.5 to 2.5	Pass
				0	3.85	22.300	0.0315	-2.5 to 2.5	Pass
				10	3.85	4.100	0.0058	-2.5 to 2.5	Pass
				30	3.85	16.800	0.0237	-2.5 to 2.5	Pass
				40	3.85	-0.500	-0.0007	-2.5 to 2.5	Pass
				50	3.85	3.900	0.0055	-2.5 to 2.5	Pass
				20	3.27	-32.000	-0.0448	-2.5 to 2.5	Pass
					3.85	8.700	0.0122	-2.5 to 2.5	Pass
					4.43	-34.900	-0.0489	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-32.000	-0.0448	-2.5 to 2.5	Pass
					3.85	8.700	0.0122	-2.5 to 2.5	Pass
					4.43	-34.900	-0.0489	-2.5 to 2.5	Pass

				-30	3.85	-23.500	-0.0329	-2.5 to 2.5	Pass
				-20	3.85	23.400	0.0328	-2.5 to 2.5	Pass
				-10	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				0	3.85	-12.000	-0.0168	-2.5 to 2.5	Pass
				10	3.85	-22.600	-0.0317	-2.5 to 2.5	Pass
				30	3.85	29.800	0.0418	-2.5 to 2.5	Pass
				40	3.85	7.900	0.0111	-2.5 to 2.5	Pass
				50	3.85	-11.500	-0.0161	-2.5 to 2.5	Pass

2.4 B12_10MHz

2.4.1 Test Result

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	0.900	0.0013	-2.5 to 2.5	Pass
					4.43	0.900	0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.100	0.0016	-2.5 to 2.5	Pass
				10	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.100	-0.0016	-2.5 to 2.5	Pass
				40	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				50	3.85	2.200	0.0031	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	1.300	0.0018	-2.5 to 2.5	Pass
					3.85	1.700	0.0024	-2.5 to 2.5	Pass
					4.43	2.800	0.0040	-2.5 to 2.5	Pass
				-30	3.85	3.100	0.0044	-2.5 to 2.5	Pass
				-20	3.85	0.700	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.400	0.0034	-2.5 to 2.5	Pass
				0	3.85	1.500	0.0021	-2.5 to 2.5	Pass
				10	3.85	2.700	0.0038	-2.5 to 2.5	Pass
				30	3.85	2.000	0.0028	-2.5 to 2.5	Pass
				40	3.85	1.600	0.0023	-2.5 to 2.5	Pass
				50	3.85	2.800	0.0040	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.500	-0.0007	-2.5 to 2.5	Pass
					3.85	0.700	0.0010	-2.5 to 2.5	Pass
					4.43	0.700	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.500	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.500	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.900	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.800	-0.0011	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	1.300	0.0018	-2.5 to 2.5	Pass
					3.85	0.800	0.0011	-2.5 to 2.5	Pass
					4.43	0.900	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.300	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.500	0.0036	-2.5 to 2.5	Pass

				-10	3.85	1.900	0.0027	-2.5 to 2.5	Pass
				0	3.85	1.400	0.0020	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.800	0.0011	-2.5 to 2.5	Pass
				50	3.85	0.500	0.0007	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	1.600	0.0023	-2.5 to 2.5	Pass
					3.85	1.800	0.0025	-2.5 to 2.5	Pass
					4.43	0.900	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.400	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				-10	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.200	0.0017	-2.5 to 2.5	Pass
				10	3.85	1.800	0.0025	-2.5 to 2.5	Pass
				30	3.85	2.600	0.0037	-2.5 to 2.5	Pass
				40	3.85	2.100	0.0030	-2.5 to 2.5	Pass
				50	3.85	1.700	0.0024	-2.5 to 2.5	Pass
				20	3.27	0.300	0.0004	-2.5 to 2.5	Pass
					3.85	-0.600	-0.0008	-2.5 to 2.5	Pass
					4.43	0.800	0.0011	-2.5 to 2.5	Pass
	711	50	0	-30	3.85	1.100	0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.500	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.400	0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.400	-0.0020	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.600	-0.0008	-2.5 to 2.5	Pass
				50	3.85	2.000	0.0028	-2.5 to 2.5	Pass
	64QAM	50	0	20	3.27	-3.600	-0.0051	-2.5 to 2.5	Pass
					3.85	-18.700	-0.0266	-2.5 to 2.5	Pass
					4.43	-9.500	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-16.200	-0.0230	-2.5 to 2.5	Pass
				-20	3.85	4.000	0.0057	-2.5 to 2.5	Pass
				-10	3.85	-12.100	-0.0172	-2.5 to 2.5	Pass
				0	3.85	-16.100	-0.0229	-2.5 to 2.5	Pass
				10	3.85	20.200	0.0287	-2.5 to 2.5	Pass
				30	3.85	-30.800	-0.0438	-2.5 to 2.5	Pass
				40	3.85	17.000	0.0241	-2.5 to 2.5	Pass
				50	3.85	-25.700	-0.0365	-2.5 to 2.5	Pass
		50	0	20	3.27	-10.900	-0.0154	-2.5 to 2.5	Pass
					3.85	-13.700	-0.0194	-2.5 to 2.5	Pass
					4.43	35.300	0.0499	-2.5 to 2.5	Pass
				-30	3.85	9.400	0.0133	-2.5 to 2.5	Pass
				-20	3.85	-18.300	-0.0259	-2.5 to 2.5	Pass
				-10	3.85	8.300	0.0117	-2.5 to 2.5	Pass
				0	3.85	10.400	0.0147	-2.5 to 2.5	Pass
				10	3.85	-11.300	-0.0160	-2.5 to 2.5	Pass
				30	3.85	21.300	0.0301	-2.5 to 2.5	Pass
				40	3.85	-2.700	-0.0038	-2.5 to 2.5	Pass
				50	3.85	8.700	0.0123	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-5.300	-0.0075	-2.5 to 2.5	Pass
					3.85	-13.100	-0.0184	-2.5 to 2.5	Pass
					4.43	-11.300	-0.0159	-2.5 to 2.5	Pass
				-30	3.85	-5.200	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	16.400	0.0231	-2.5 to 2.5	Pass
				-10	3.85	-8.000	-0.0113	-2.5 to 2.5	Pass

				0	3.85	17.000	0.0239	-2.5 to 2.5	Pass
				10	3.85	2.300	0.0032	-2.5 to 2.5	Pass
				30	3.85	-9.000	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-30.400	-0.0428	-2.5 to 2.5	Pass
				50	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

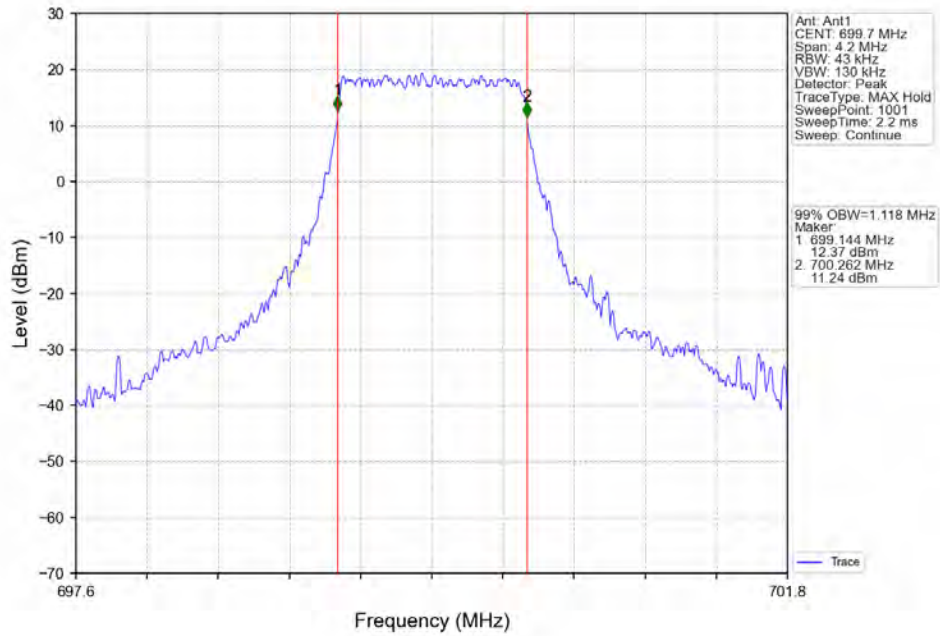
3.1 Band12_OBW

3.1.1 Test Result

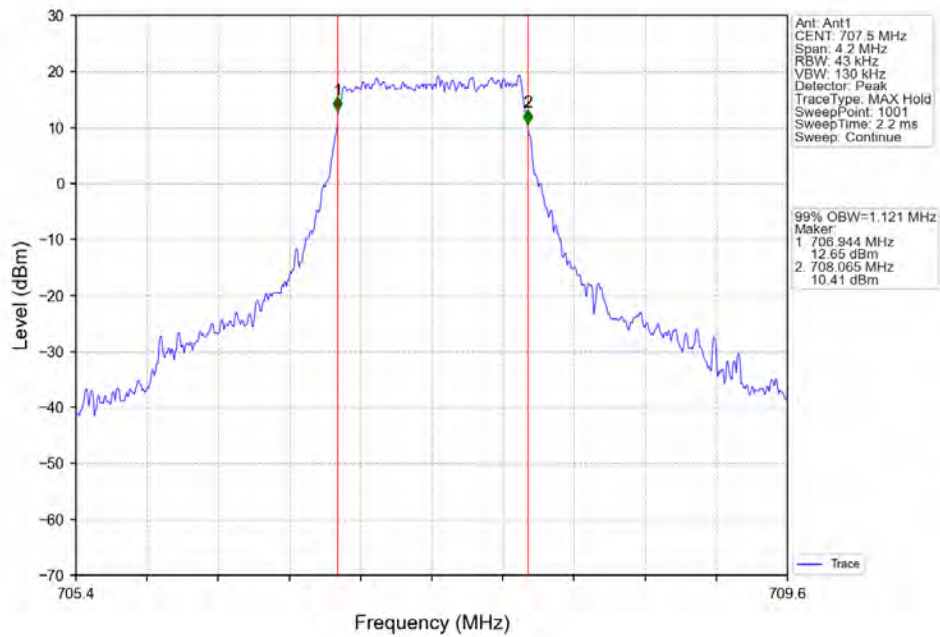
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.118	/	Pass
		707.5	6	0	1.121	/	Pass
		715.3	6	0	1.120	/	Pass
	16QAM	699.7	6	0	1.131	/	Pass
		707.5	6	0	1.136	/	Pass
		715.3	6	0	1.128	/	Pass
	64QAM	699.7	6	0	1.122	/	Pass
		707.5	6	0	1.132	/	Pass
		715.3	6	0	1.127	/	Pass
3	QPSK	700.5	15	0	2.738	/	Pass
		707.5	15	0	2.734	/	Pass
		714.5	15	0	2.760	/	Pass
	16QAM	700.5	15	0	2.746	/	Pass
		707.5	15	0	2.745	/	Pass
		714.5	15	0	2.752	/	Pass
	64QAM	700.5	15	0	2.731	/	Pass
		707.5	15	0	2.740	/	Pass
		714.5	15	0	2.748	/	Pass
5	QPSK	701.5	25	0	4.555	/	Pass
		707.5	25	0	4.548	/	Pass
		713.5	25	0	4.558	/	Pass
	16QAM	701.5	25	0	4.544	/	Pass
		707.5	25	0	4.561	/	Pass
		713.5	25	0	4.573	/	Pass
	64QAM	701.5	25	0	4.541	/	Pass
		707.5	25	0	4.537	/	Pass
		713.5	25	0	4.557	/	Pass
10	QPSK	704	50	0	9.132	/	Pass
		707.5	50	0	9.055	/	Pass
		711	50	0	9.034	/	Pass
	16QAM	704	50	0	9.097	/	Pass
		707.5	50	0	9.065	/	Pass
		711	50	0	9.018	/	Pass
	64QAM	704	50	0	9.133	/	Pass
		707.5	50	0	9.061	/	Pass
		711	50	0	9.033	/	Pass

3.1.2 Test Graph

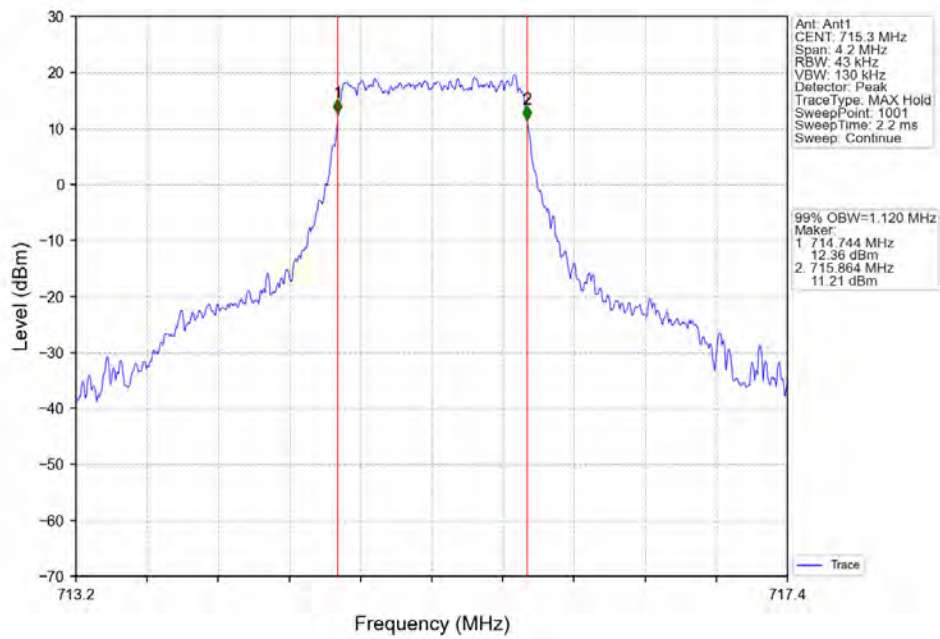
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



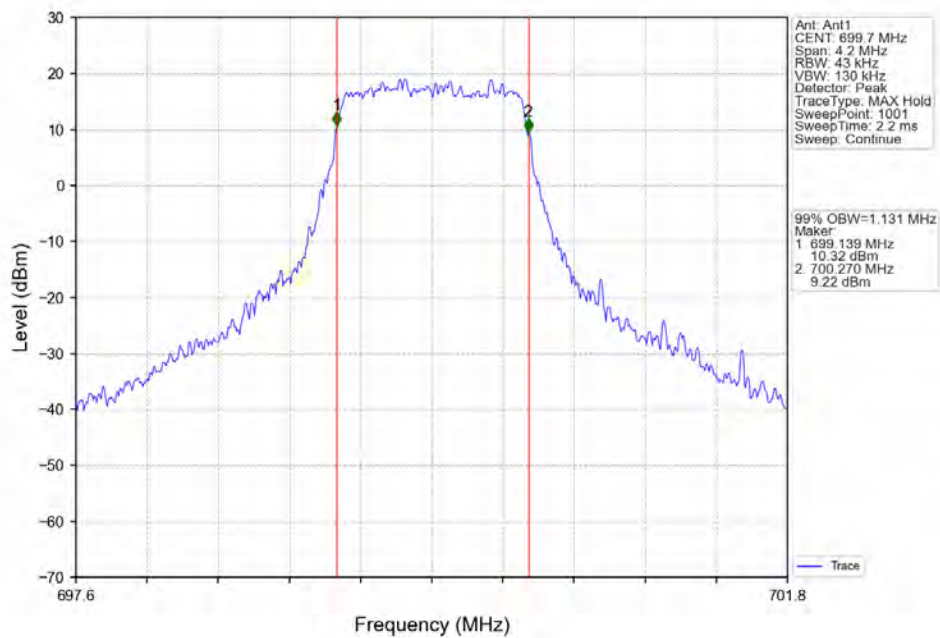
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



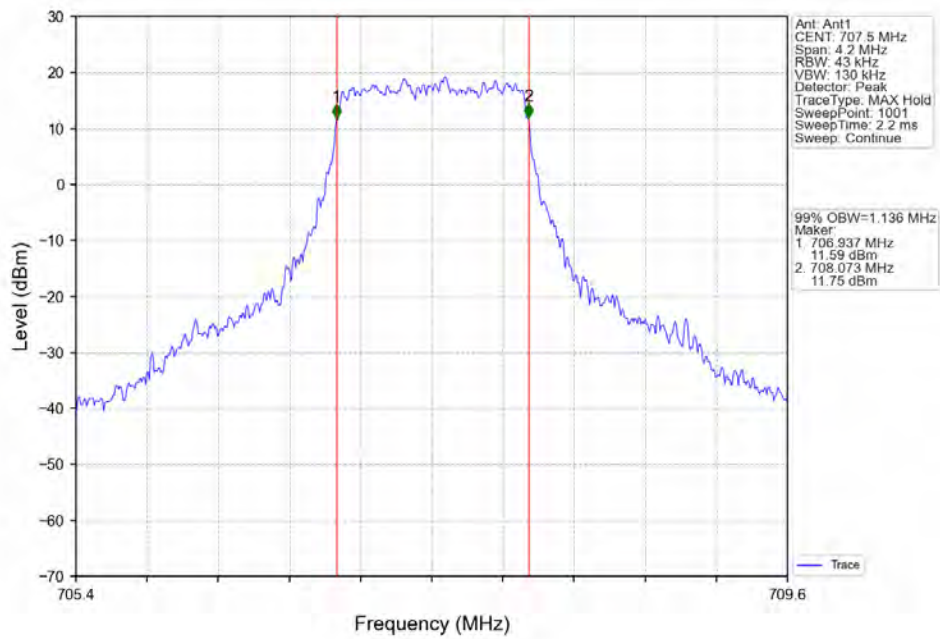
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV



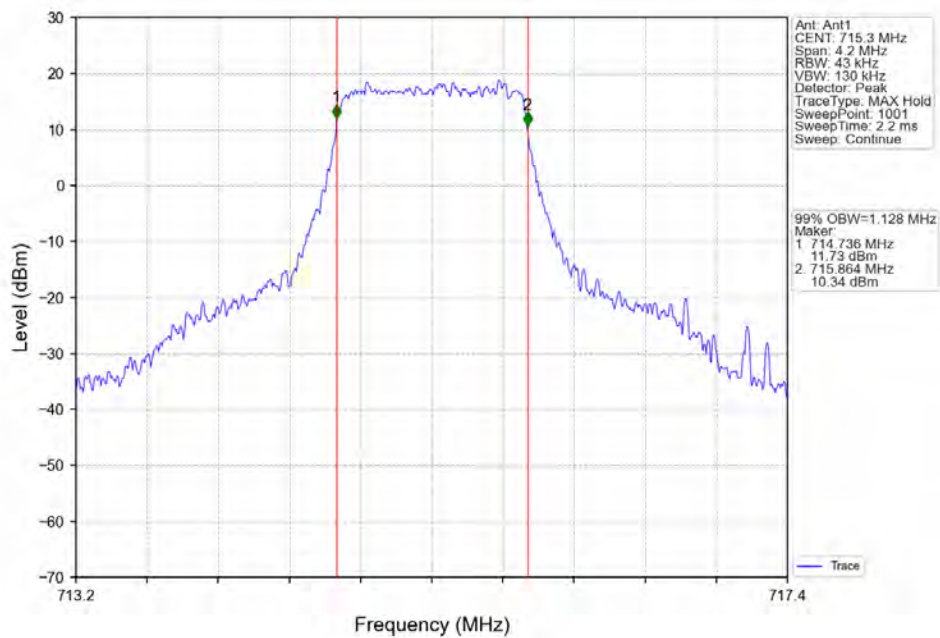
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTV



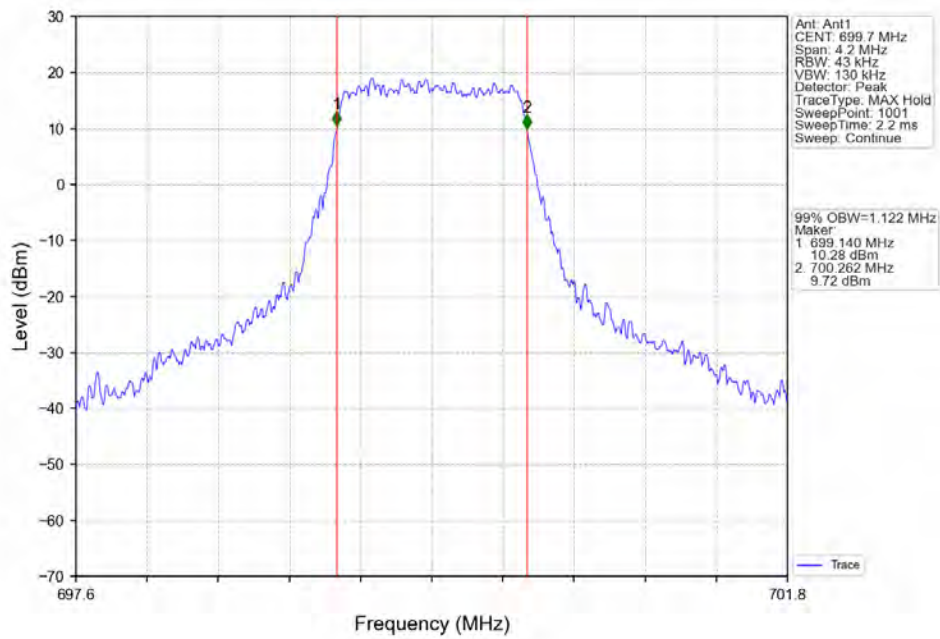
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



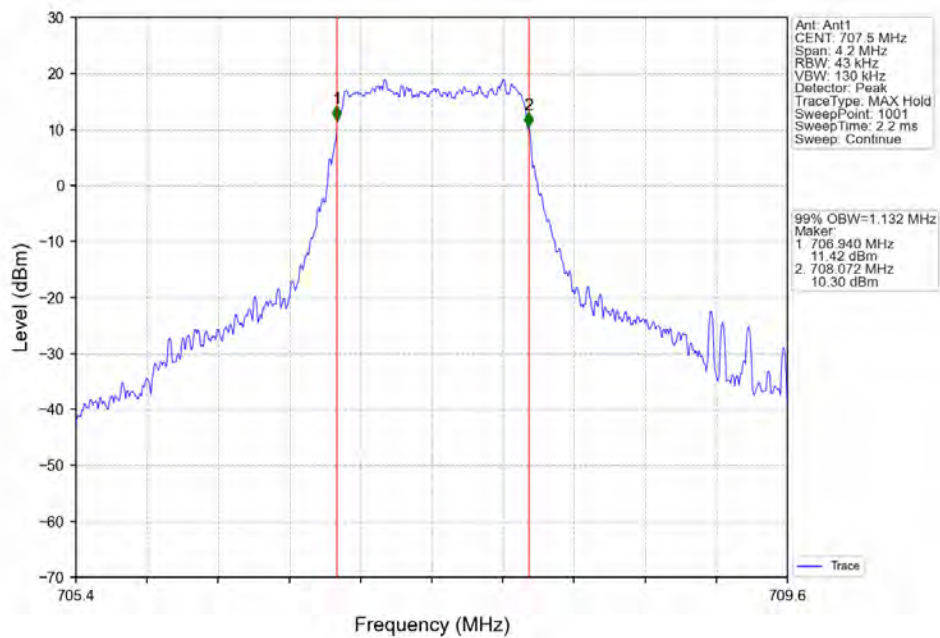
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



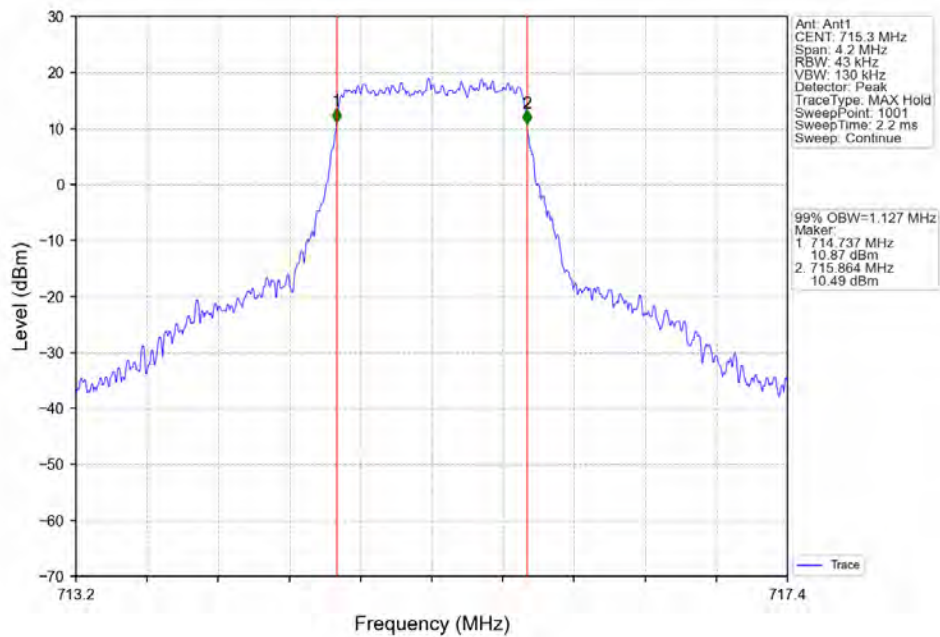
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



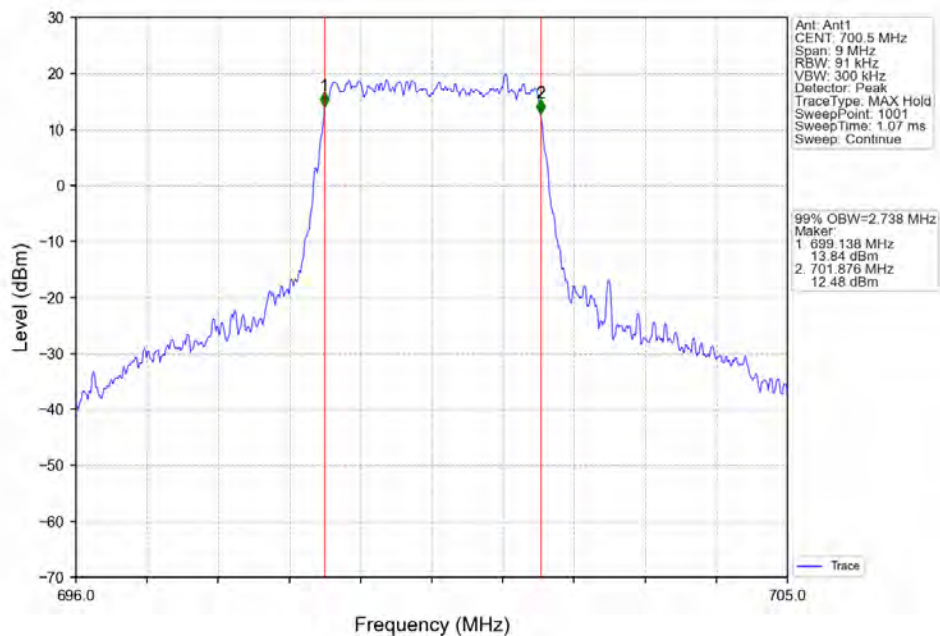
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



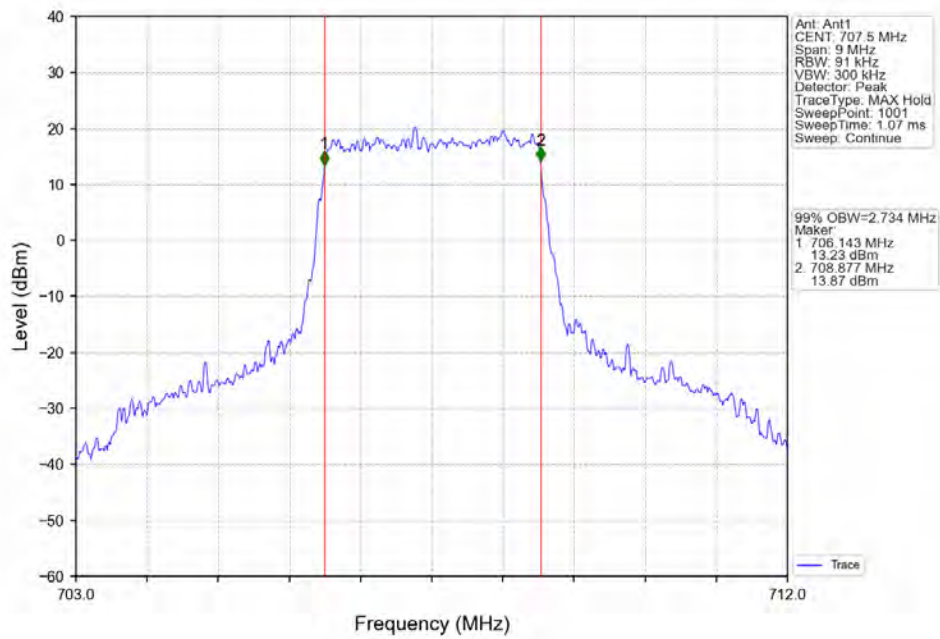
Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTNV



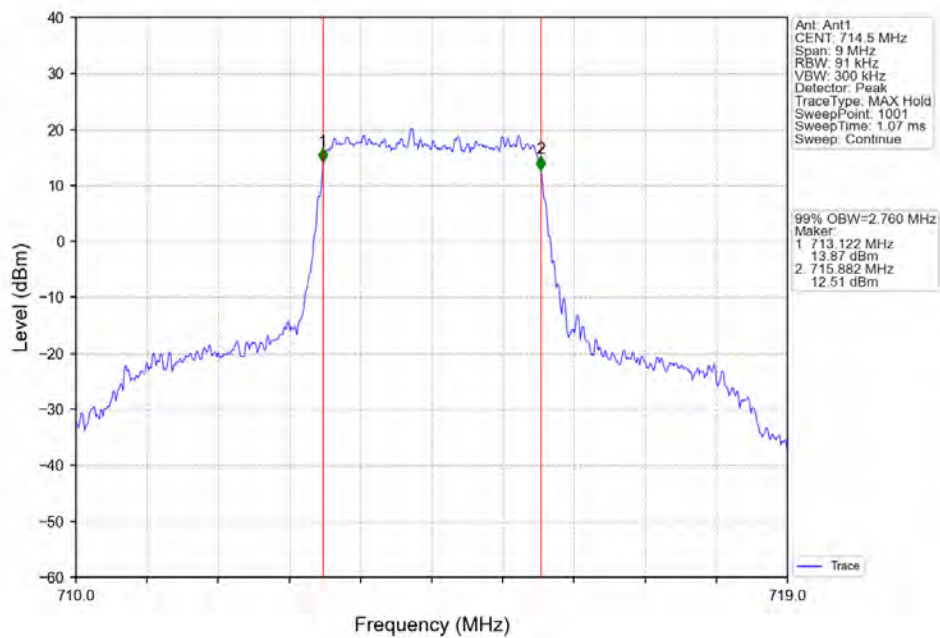
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



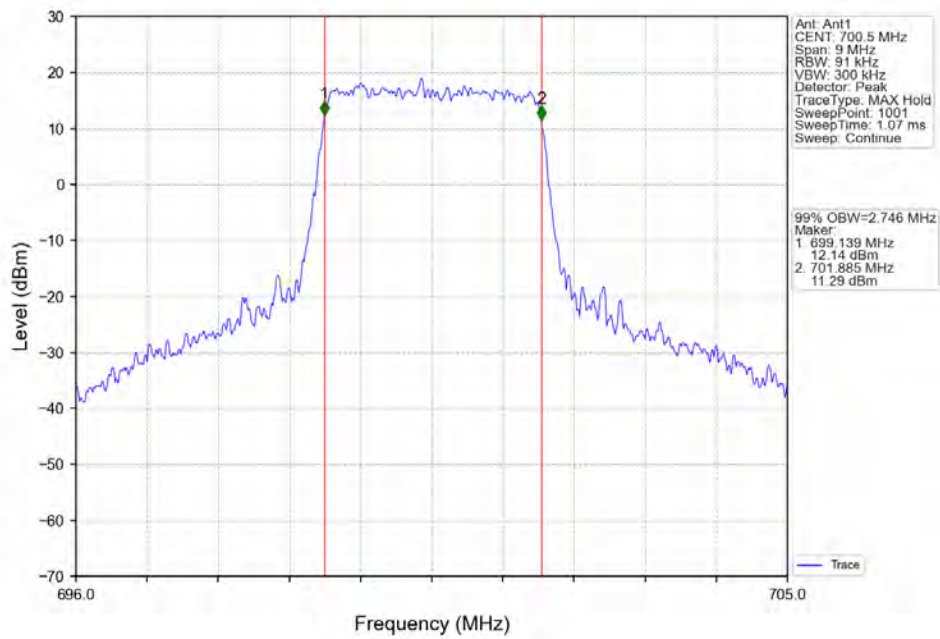
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTV



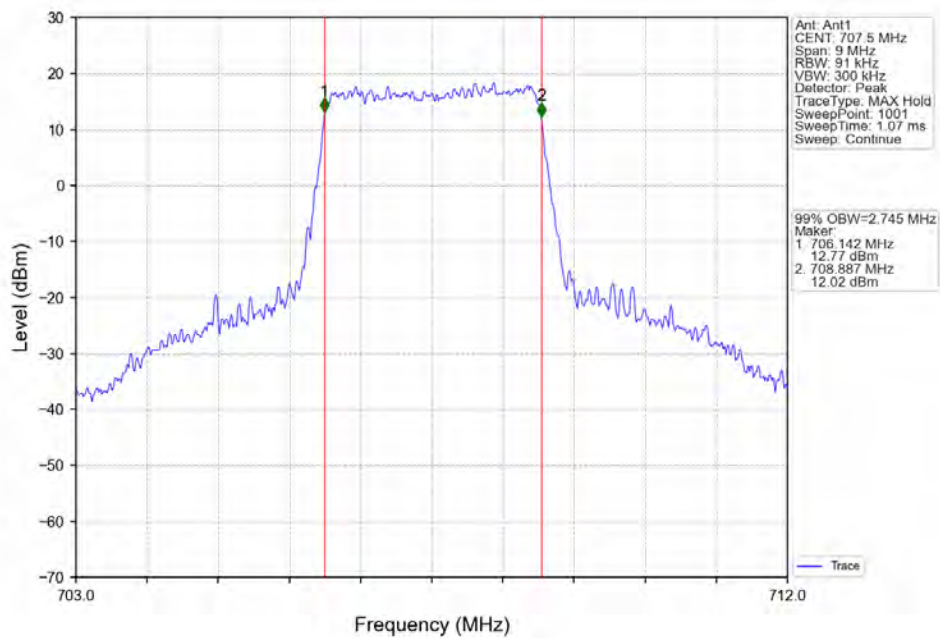
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTV



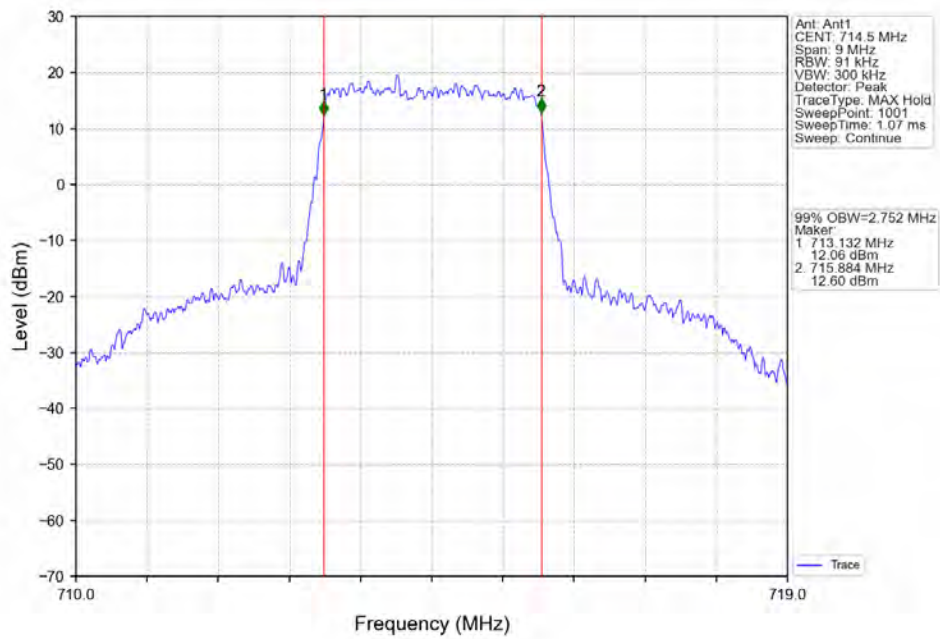
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



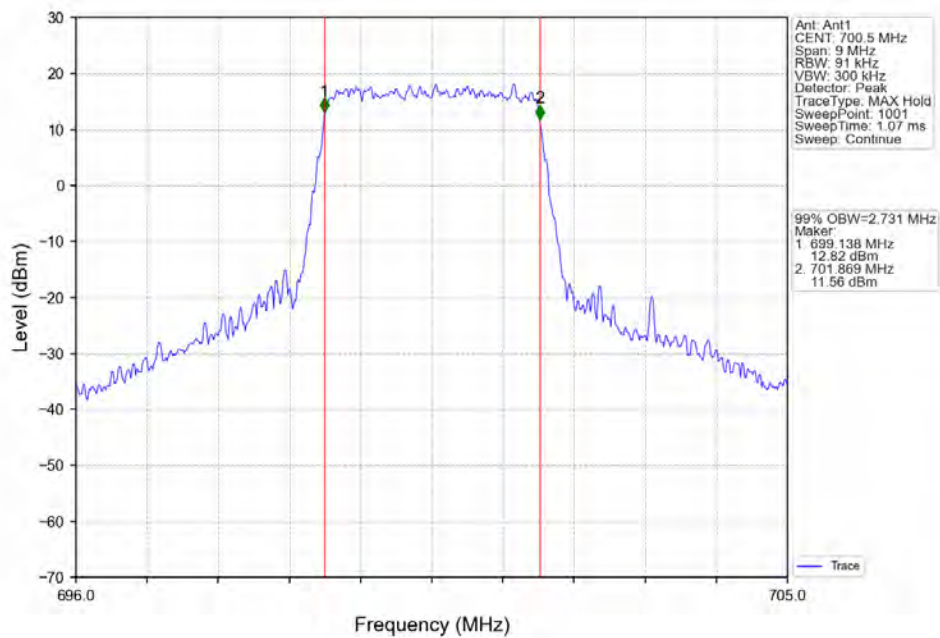
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



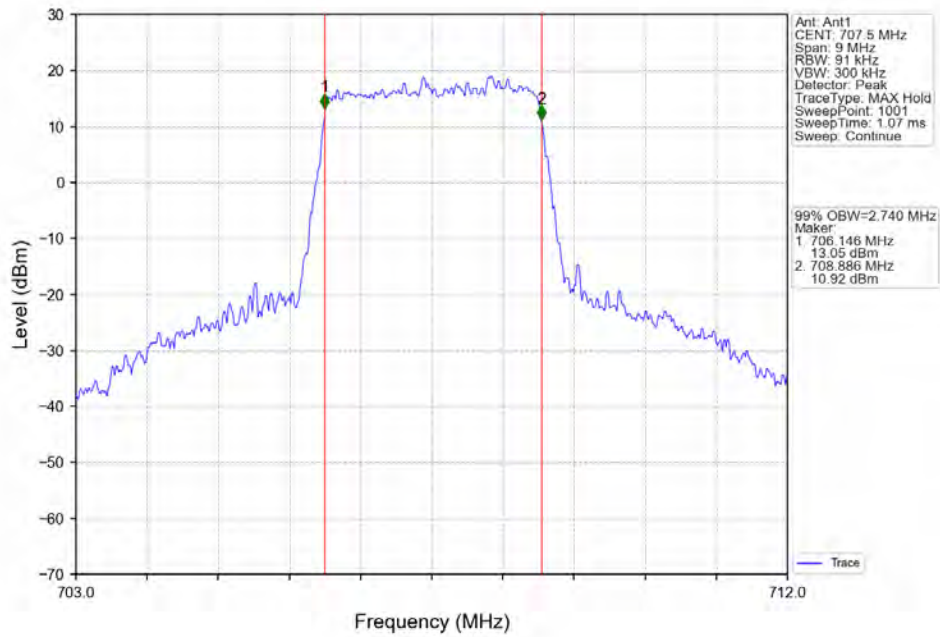
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



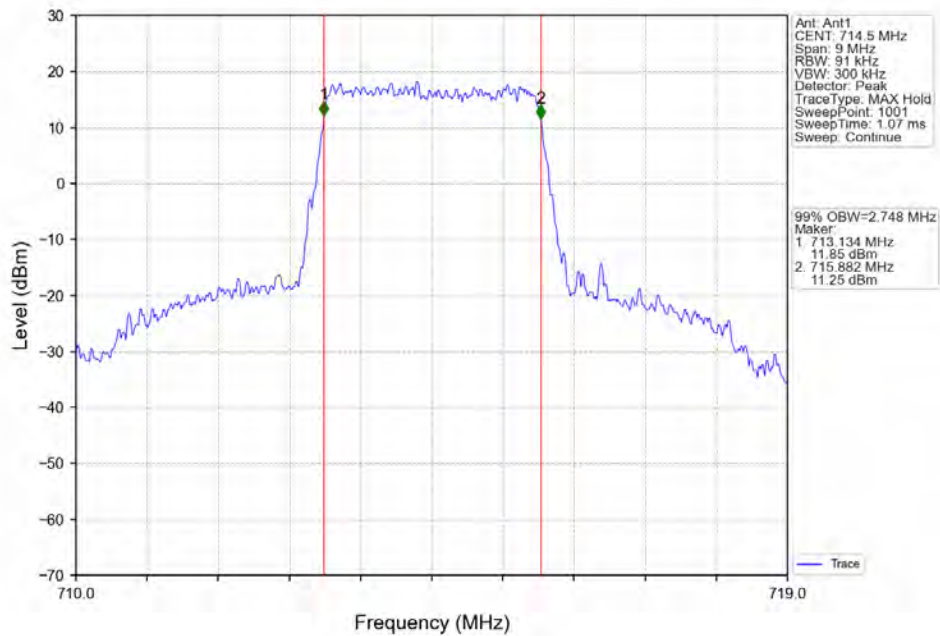
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



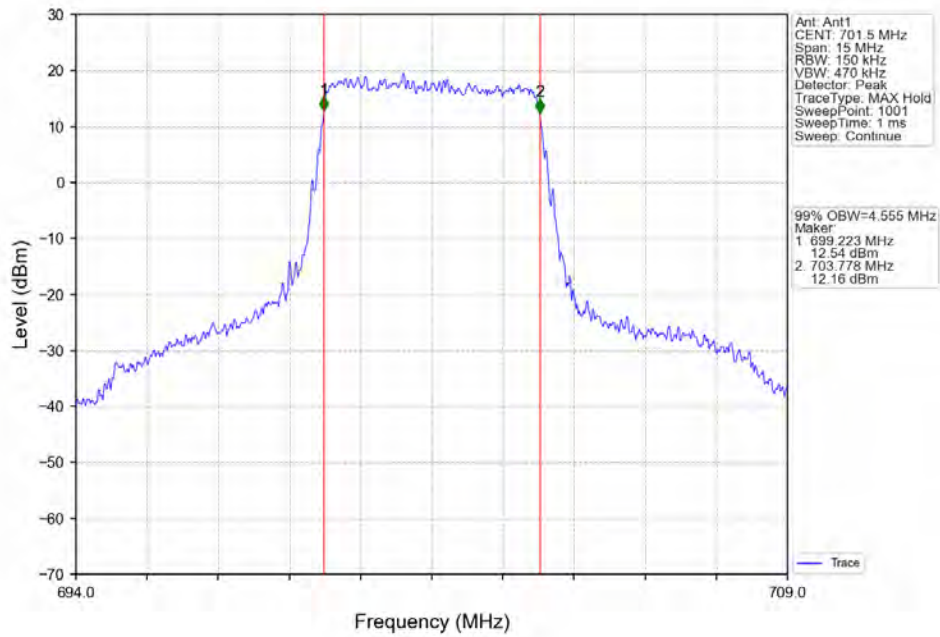
Band12 3MHz 64QAM MCH 707.5MHz RB 15 0 NTV



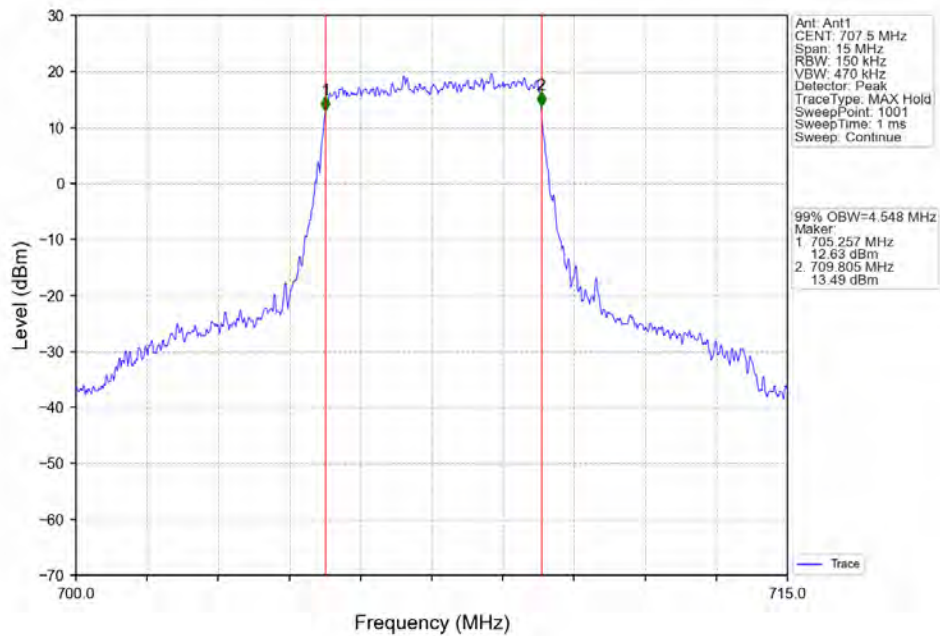
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTV



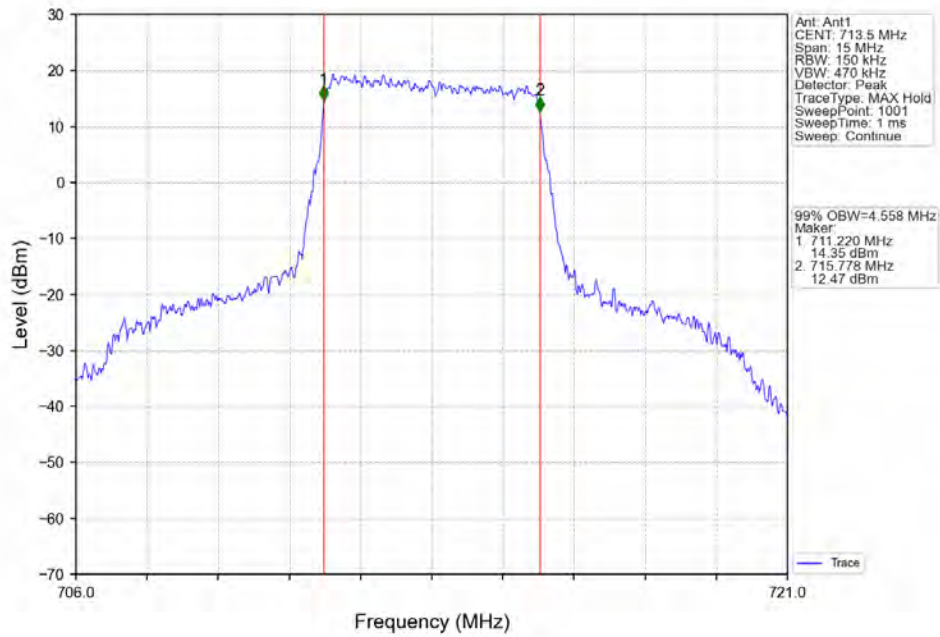
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTV



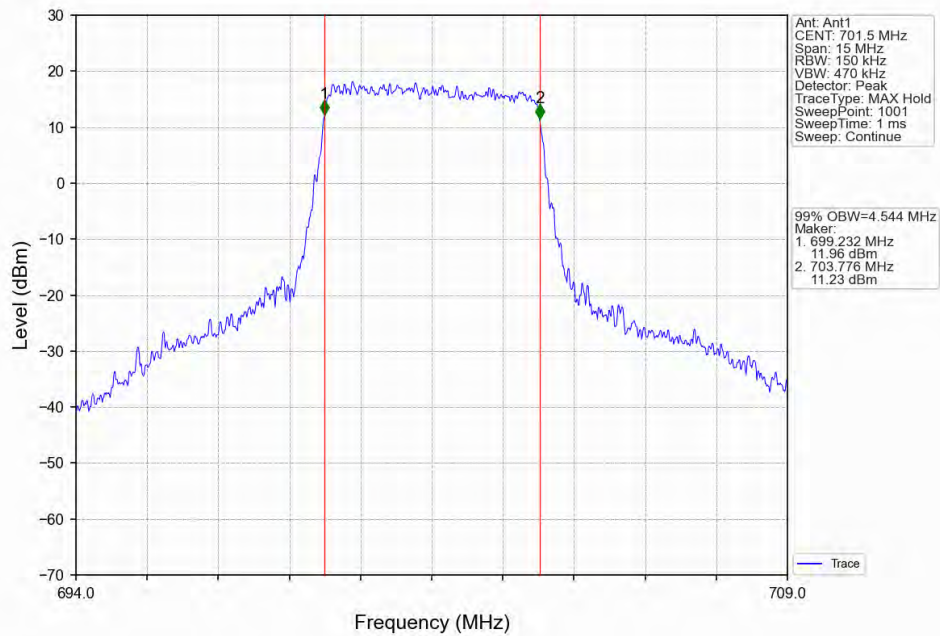
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTV



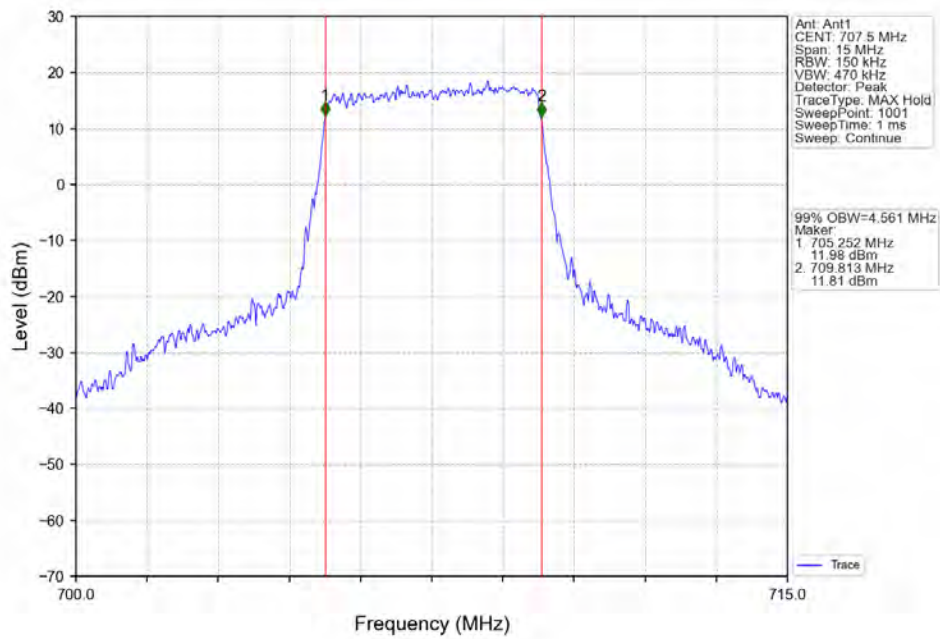
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



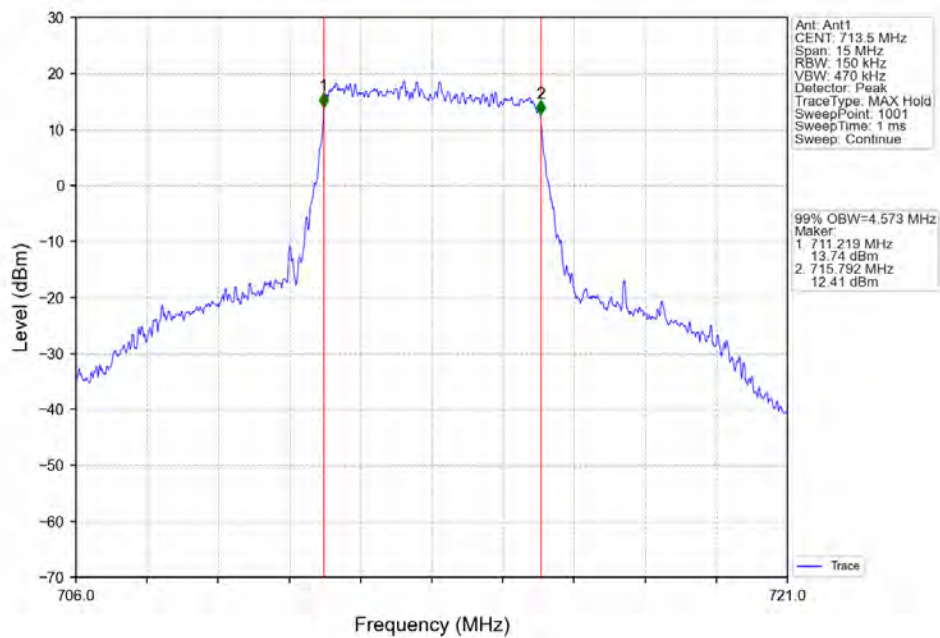
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTV



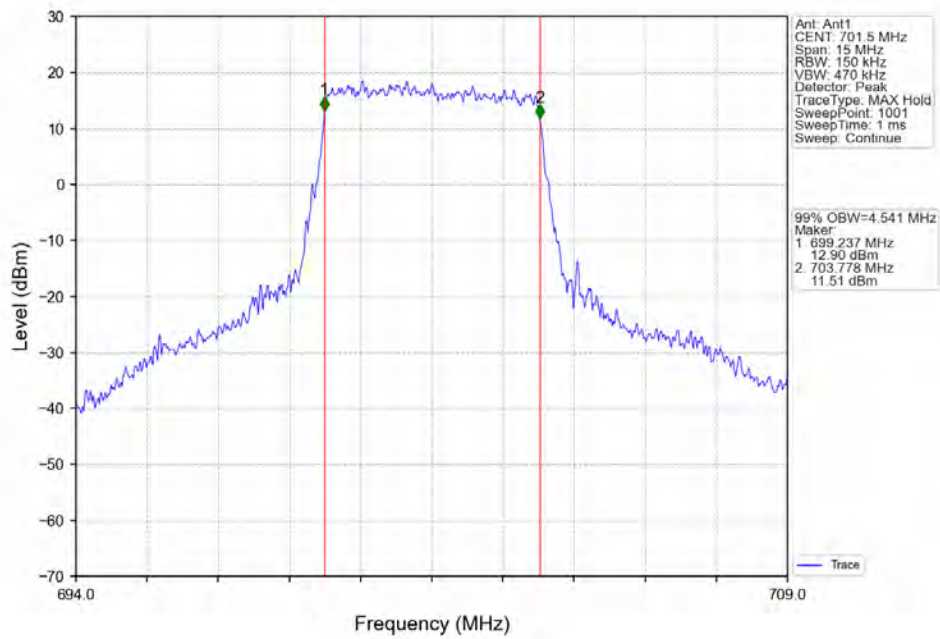
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



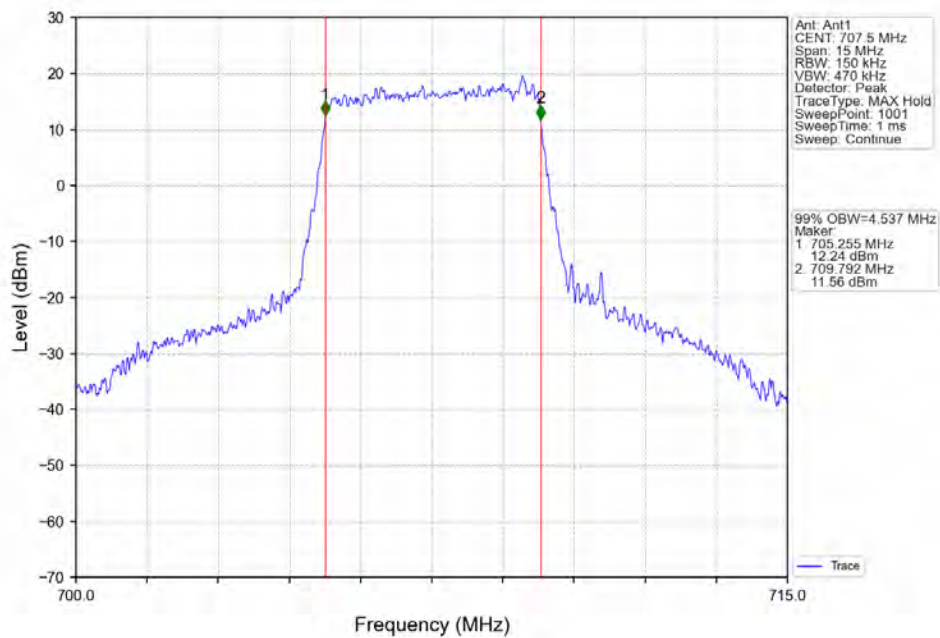
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



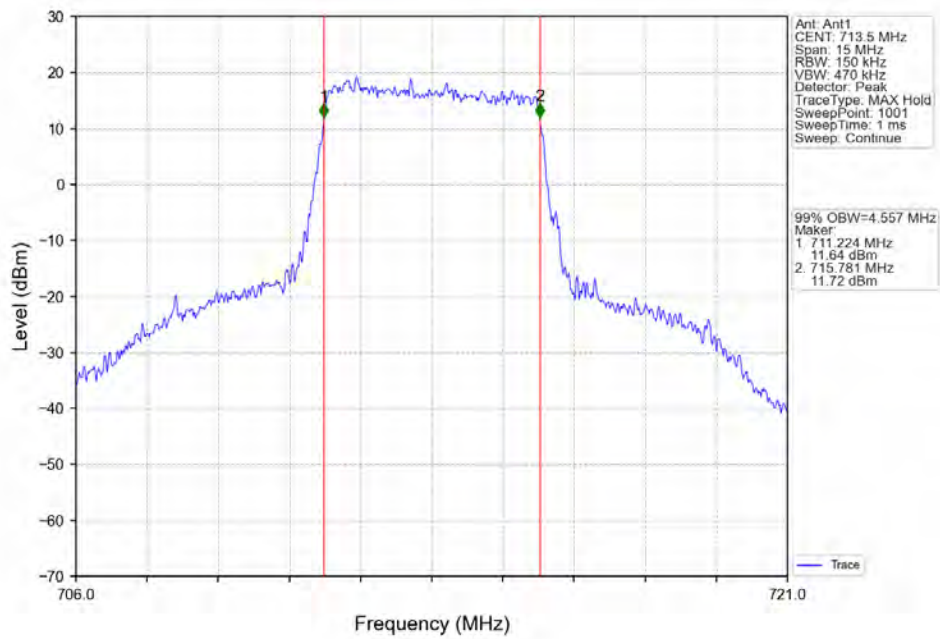
Band12 5MHz 64QAM LCH 701.5MHz RB 25 0 NTV



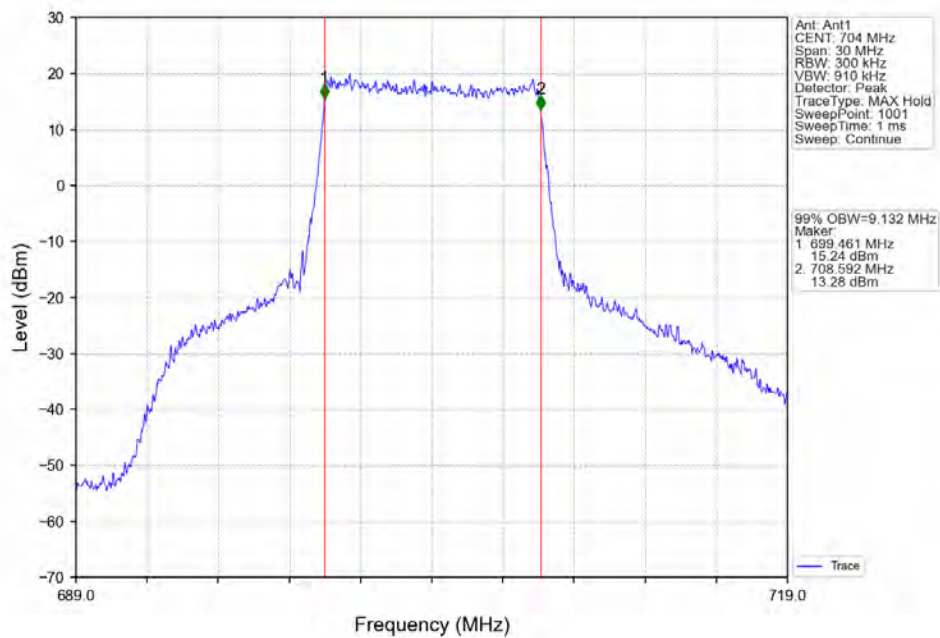
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTV



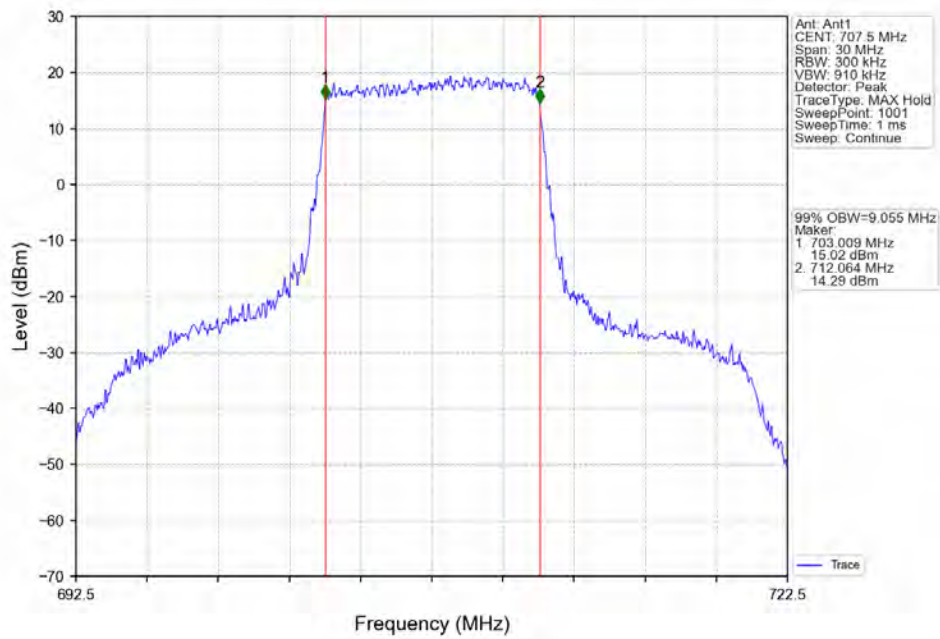
Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTNV



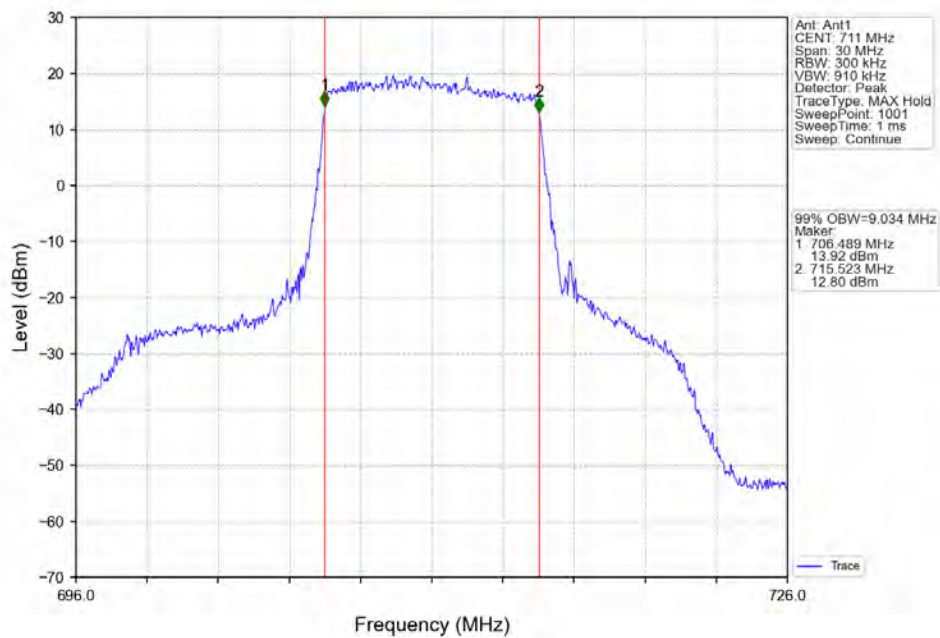
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



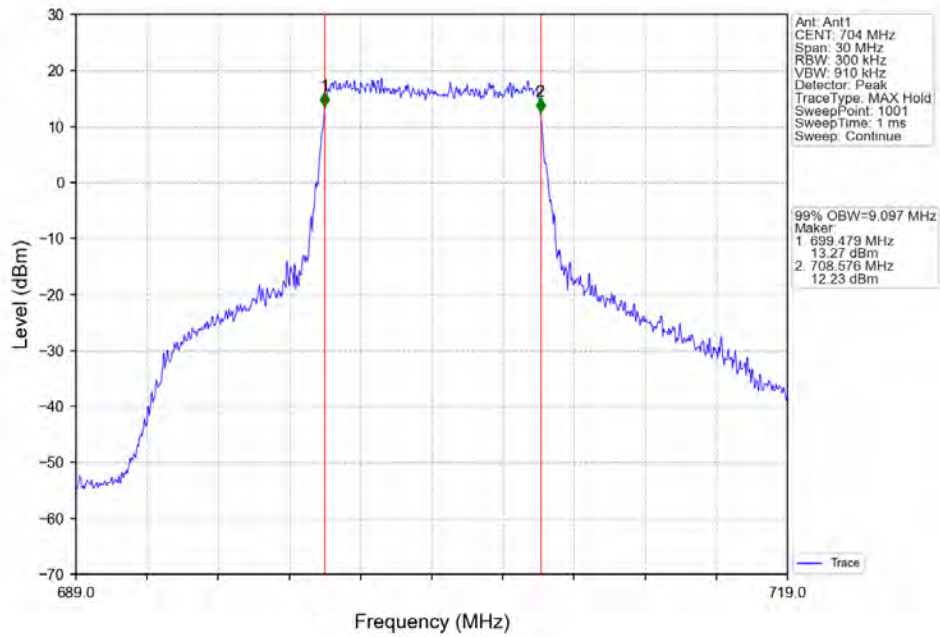
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



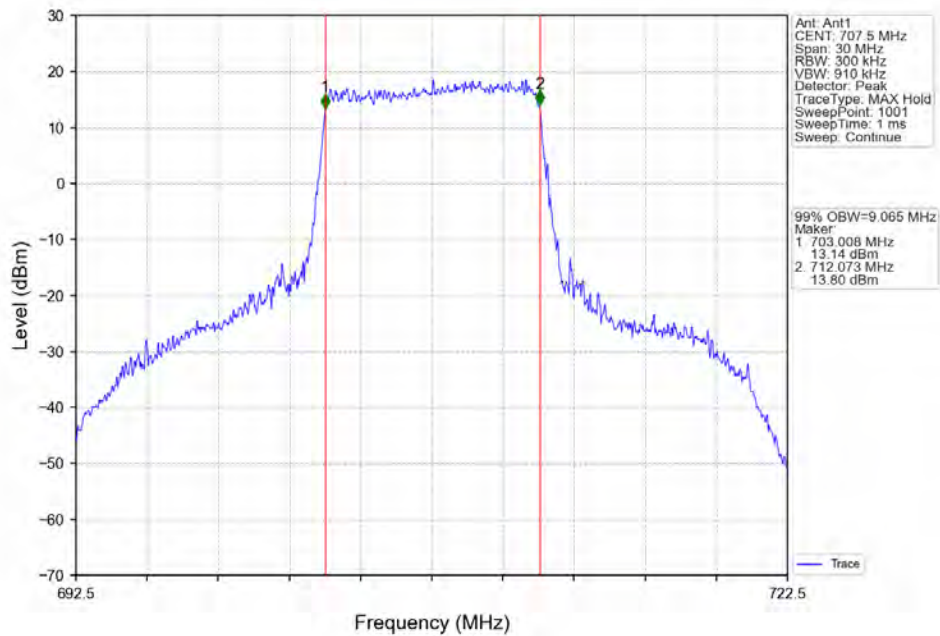
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTN



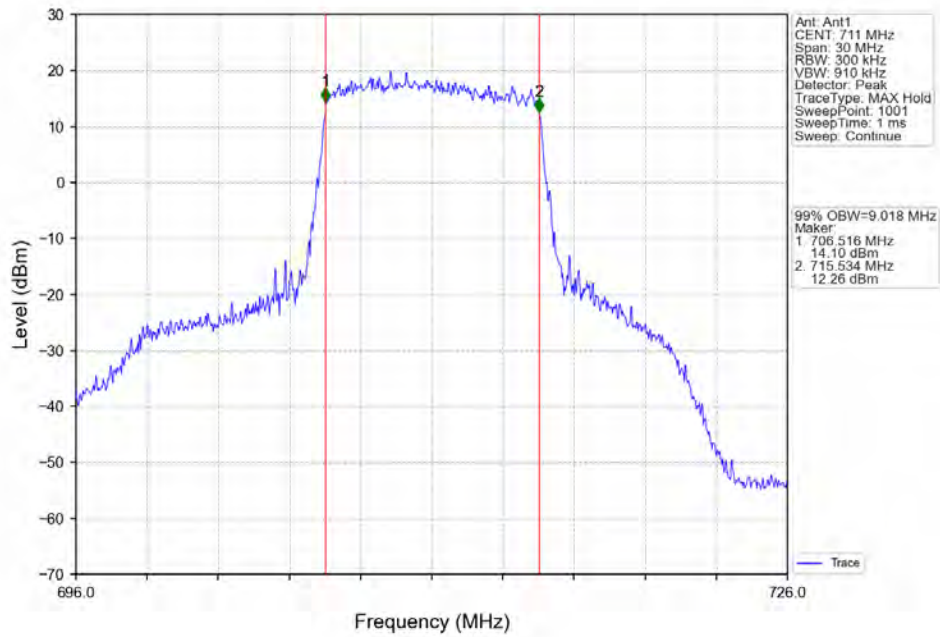
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



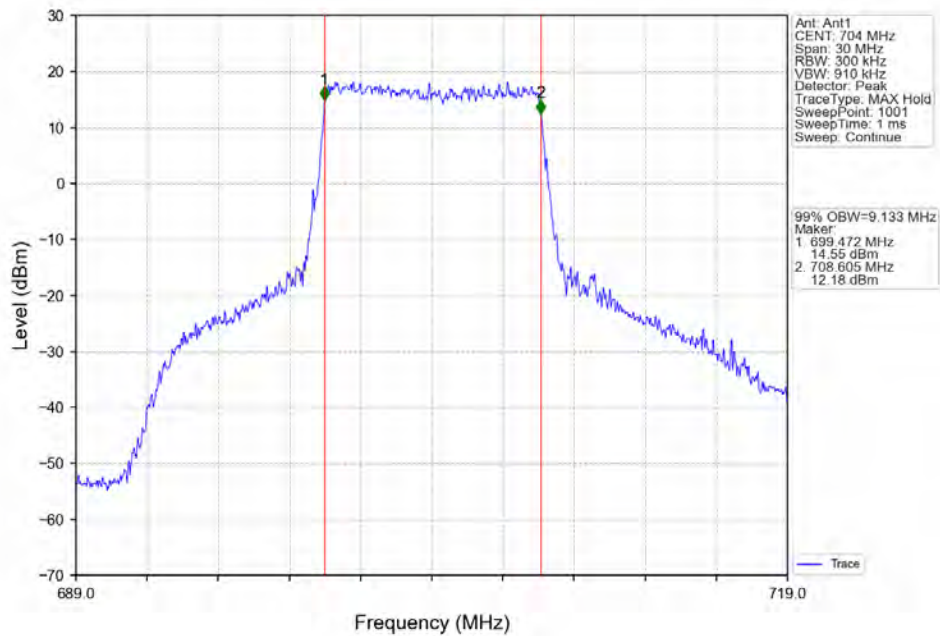
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



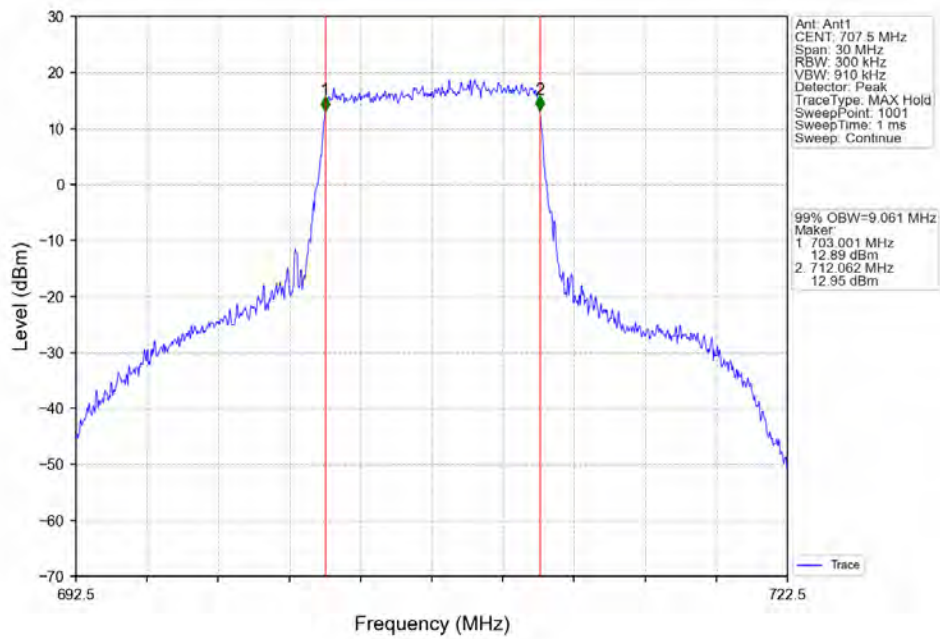
Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



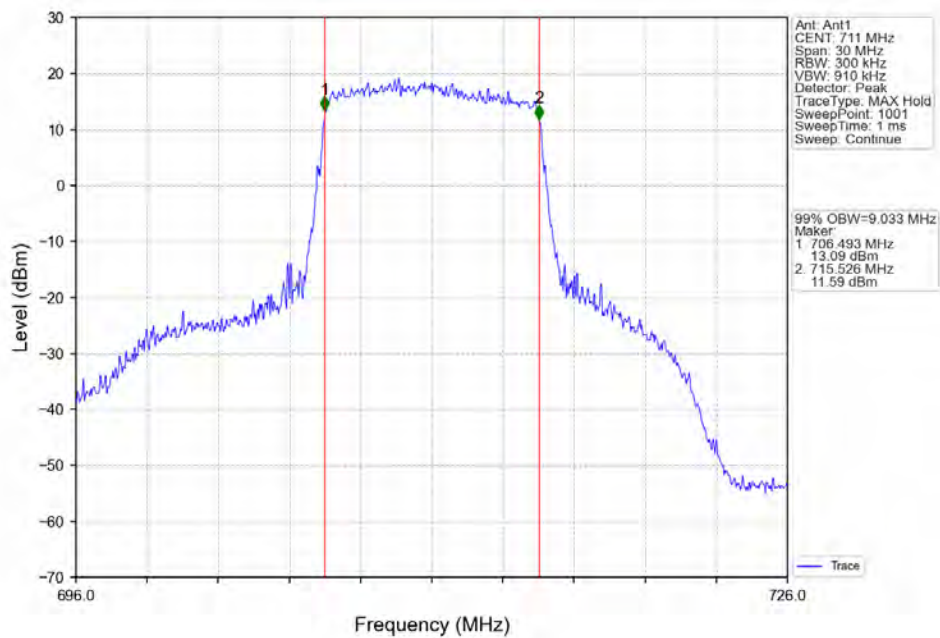
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV

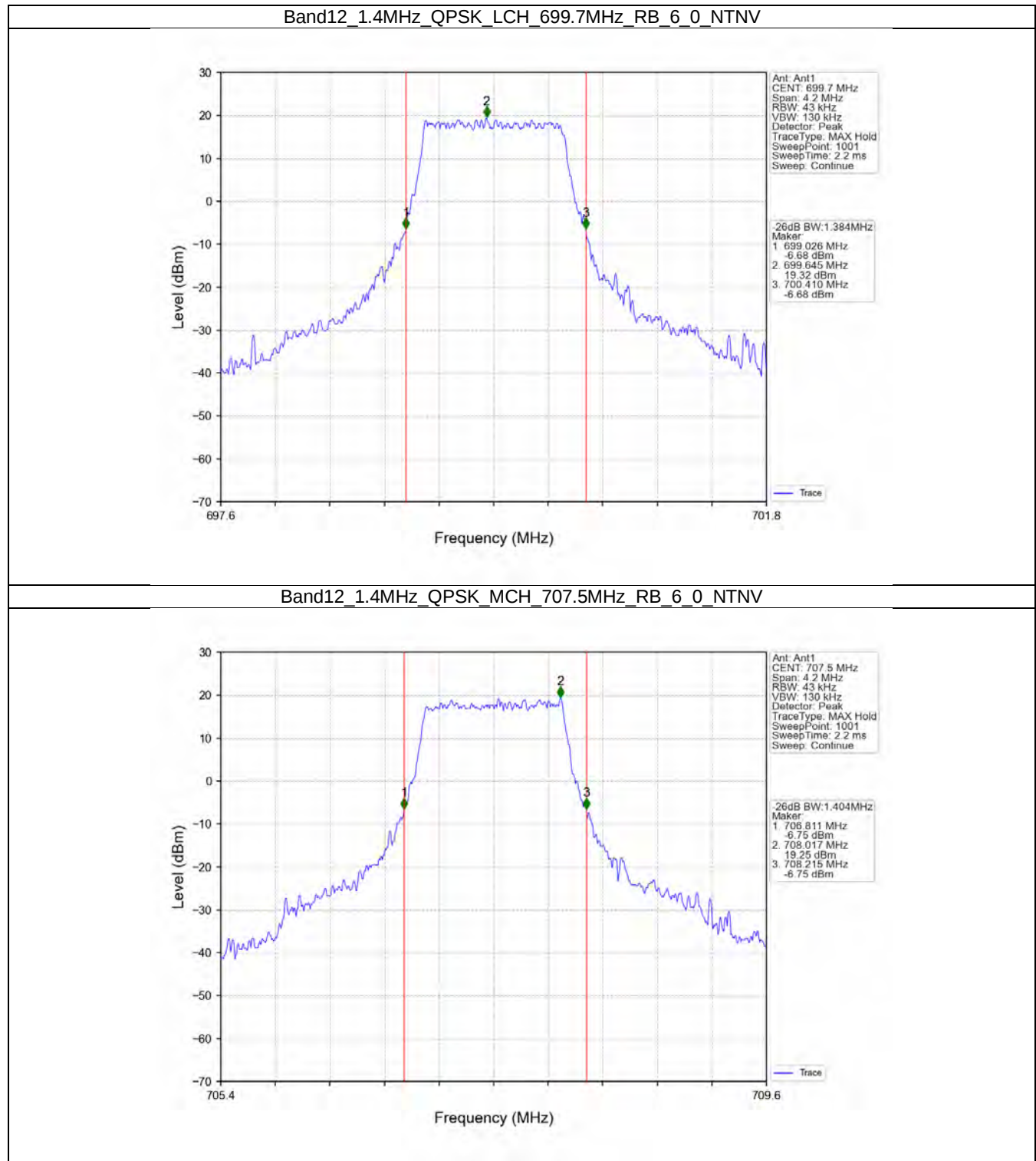


3.2 Band12_XDB

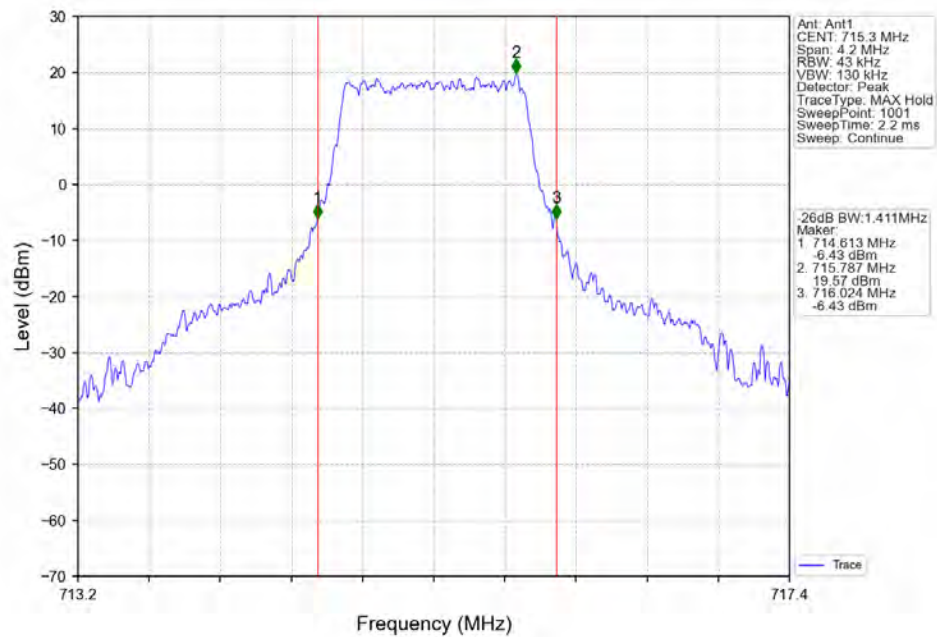
3.2.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.384	/	Pass
		707.5	6	0	1.404	/	Pass
		715.3	6	0	1.411	/	Pass
	16QAM	699.7	6	0	1.385	/	Pass
		707.5	6	0	1.399	/	Pass
		715.3	6	0	1.416	/	Pass
	64QAM	699.7	6	0	1.406	/	Pass
		707.5	6	0	1.380	/	Pass
		715.3	6	0	1.403	/	Pass
3	QPSK	700.5	15	0	3.096	/	Pass
		707.5	15	0	3.081	/	Pass
		714.5	15	0	3.111	/	Pass
	16QAM	700.5	15	0	3.069	/	Pass
		707.5	15	0	3.146	/	Pass
		714.5	15	0	3.116	/	Pass
	64QAM	700.5	15	0	3.138	/	Pass
		707.5	15	0	3.112	/	Pass
		714.5	15	0	3.152	/	Pass
5	QPSK	701.5	25	0	5.183	/	Pass
		707.5	25	0	5.170	/	Pass
		713.5	25	0	5.244	/	Pass
	16QAM	701.5	25	0	5.223	/	Pass
		707.5	25	0	5.197	/	Pass
		713.5	25	0	5.270	/	Pass
	64QAM	701.5	25	0	5.235	/	Pass
		707.5	25	0	5.181	/	Pass
		713.5	25	0	5.253	/	Pass
10	QPSK	704	50	0	10.233	/	Pass
		707.5	50	0	10.286	/	Pass
		711	50	0	10.076	/	Pass
	16QAM	704	50	0	10.319	/	Pass
		707.5	50	0	10.114	/	Pass
		711	50	0	10.047	/	Pass
	64QAM	704	50	0	10.214	/	Pass
		707.5	50	0	10.282	/	Pass
		711	50	0	9.980	/	Pass

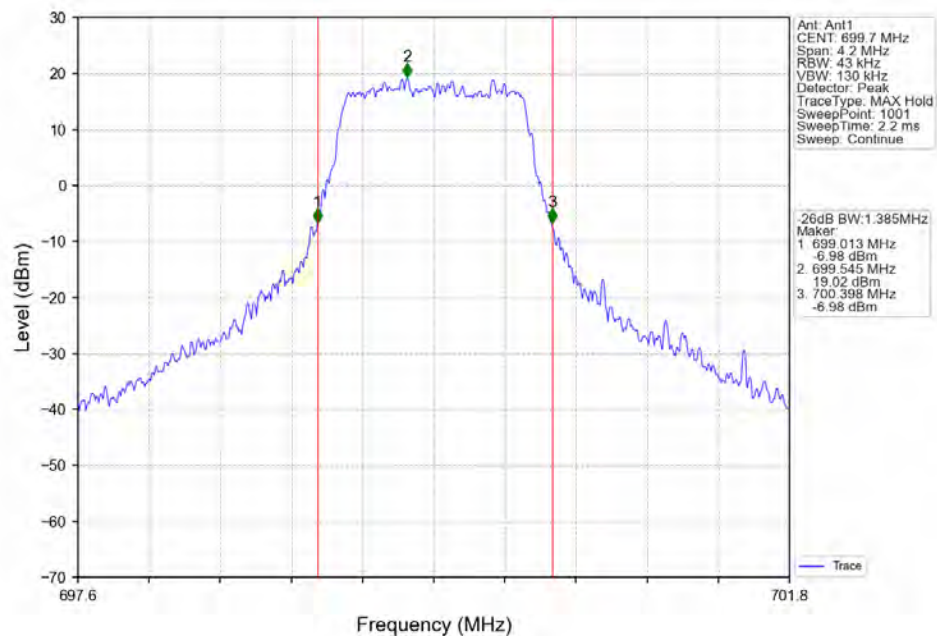
3.2.2 Test Graph



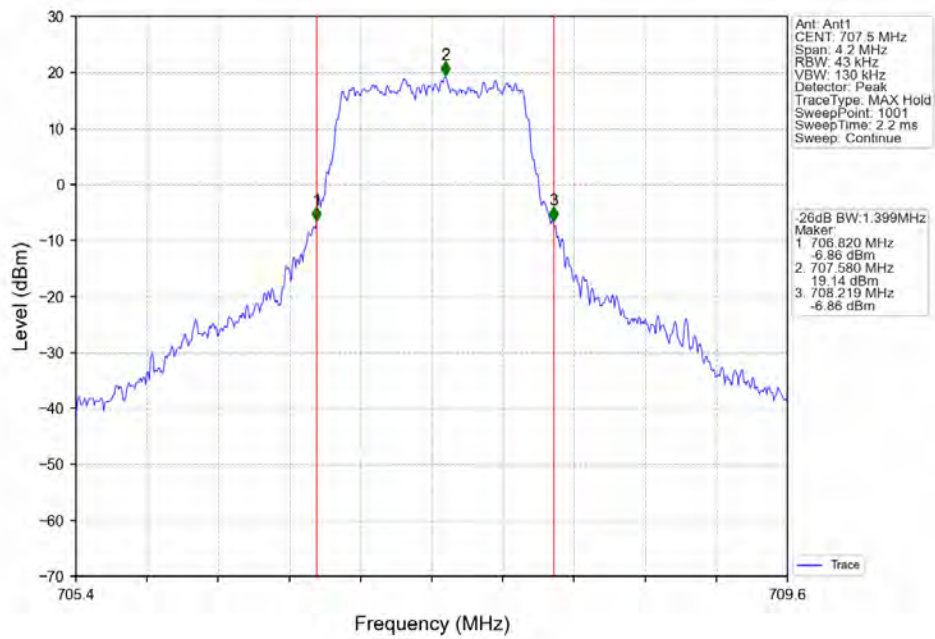
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



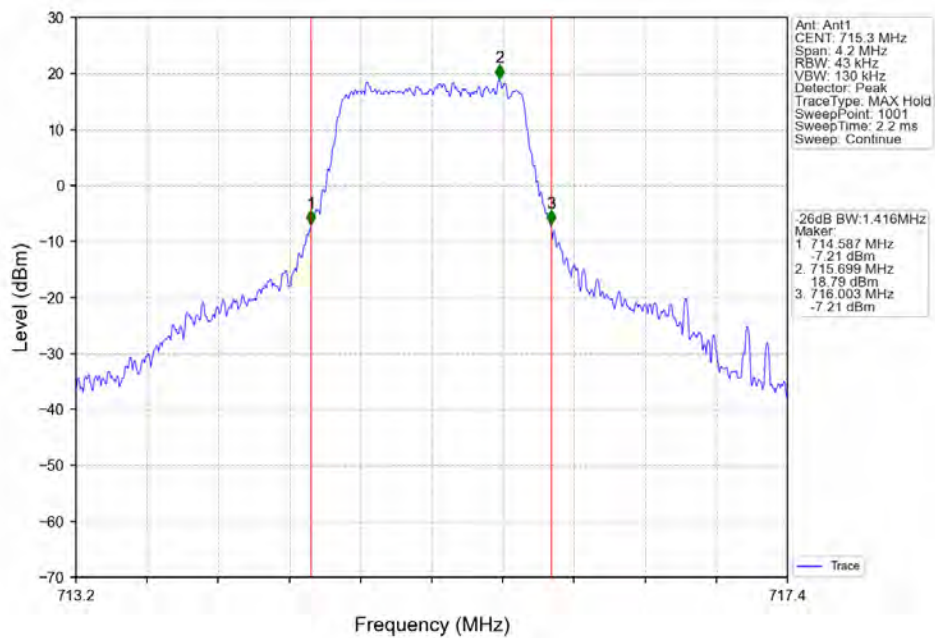
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



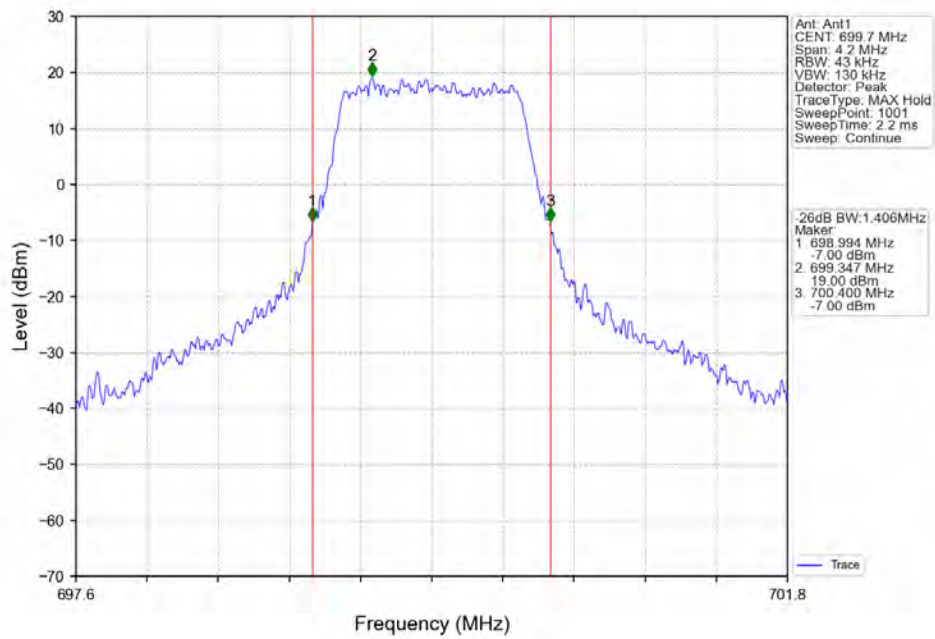
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



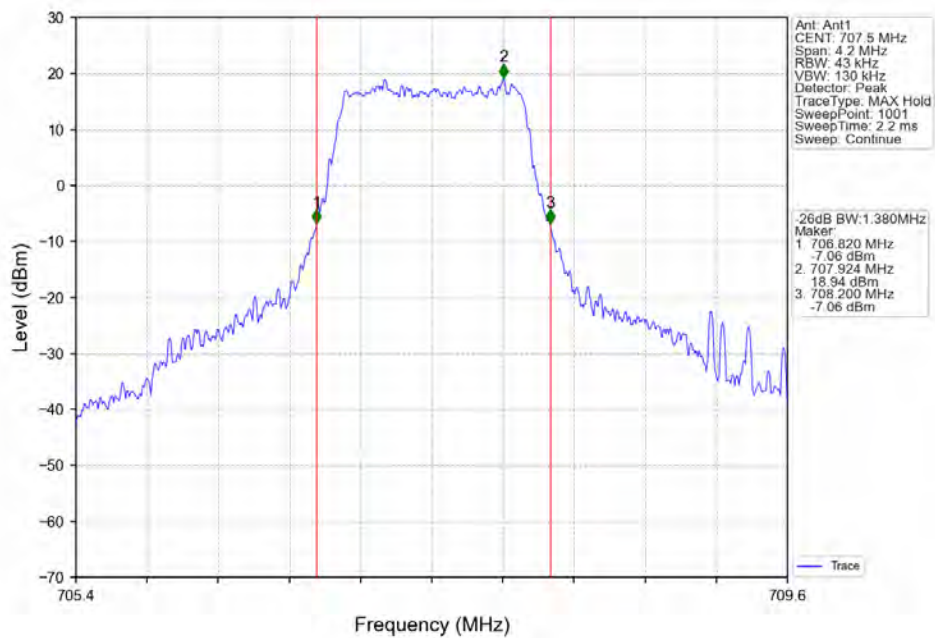
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



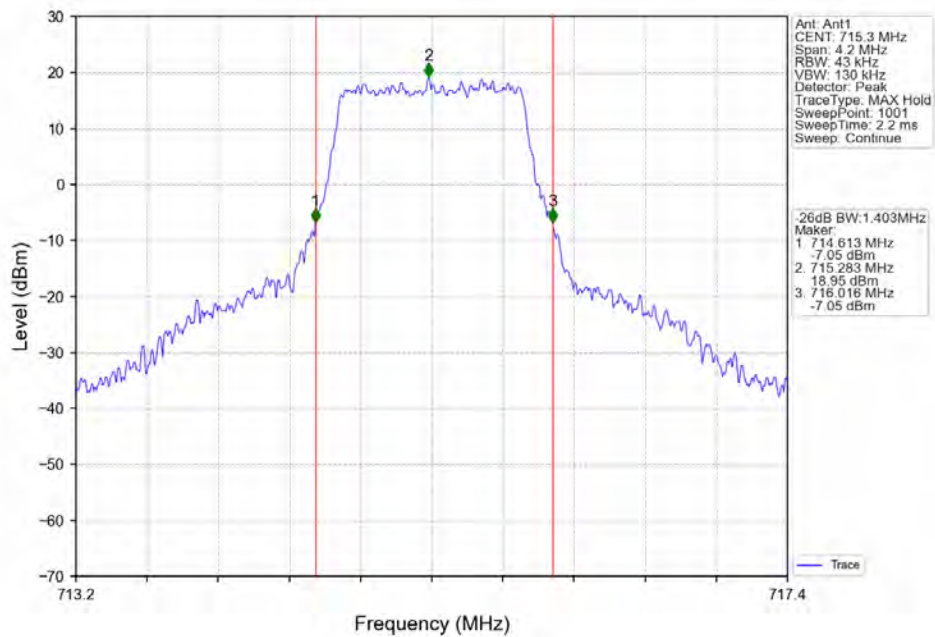
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



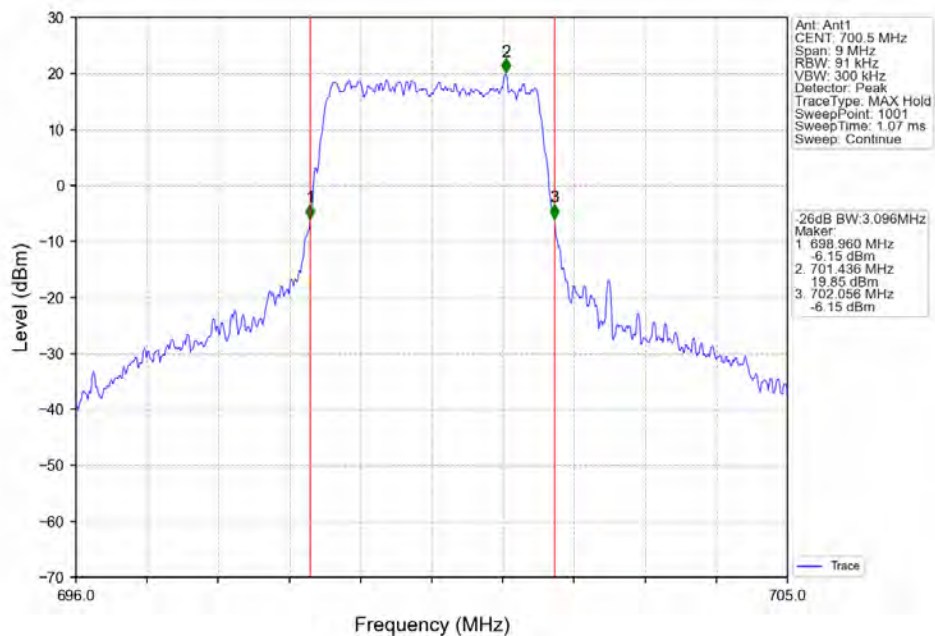
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



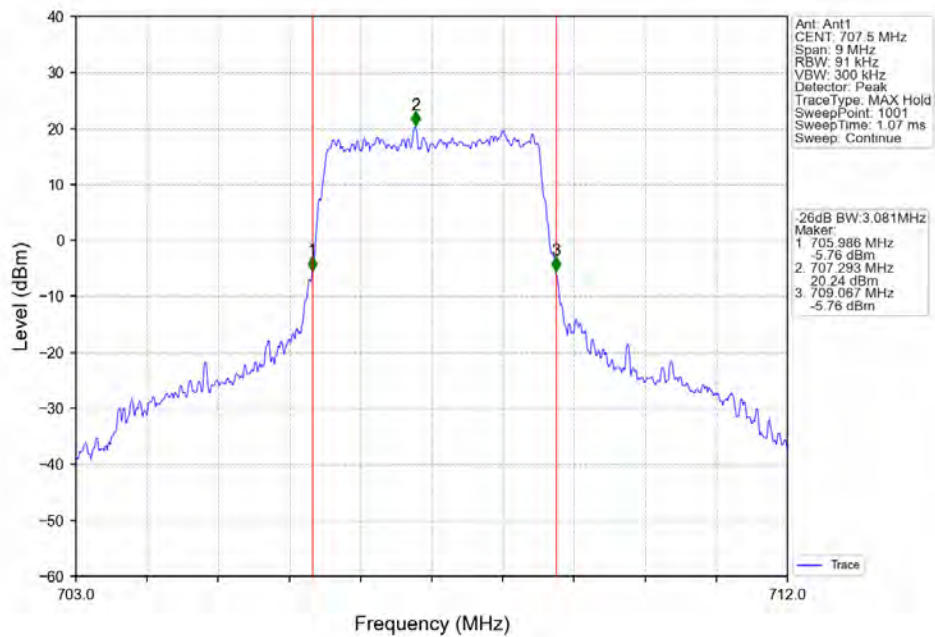
Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTV



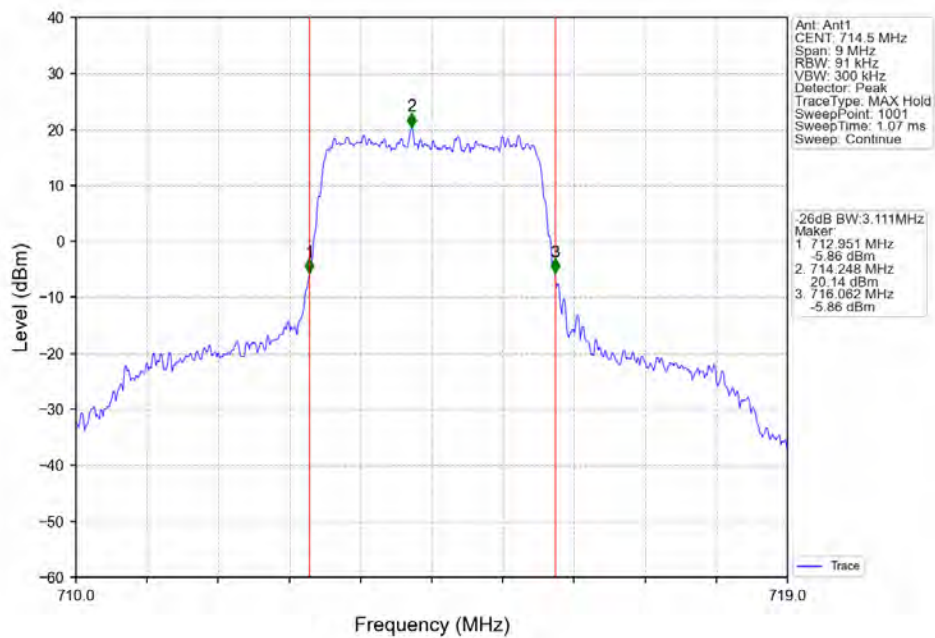
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTV



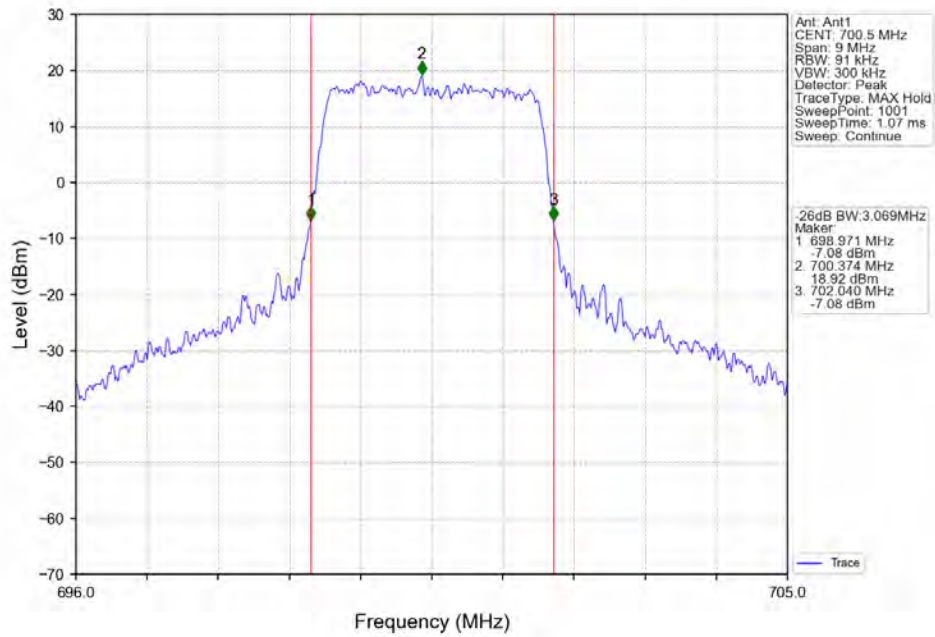
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTNV



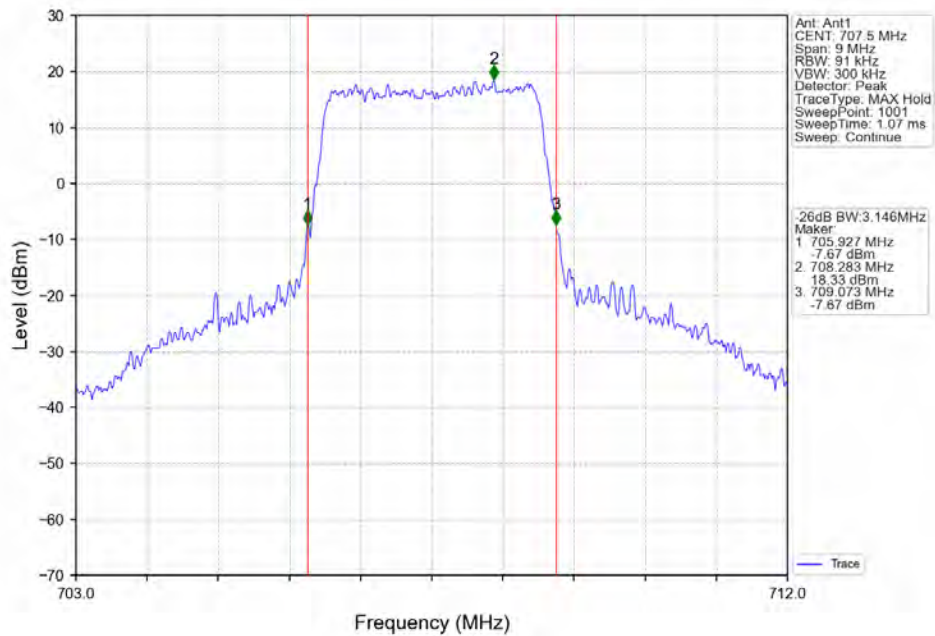
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



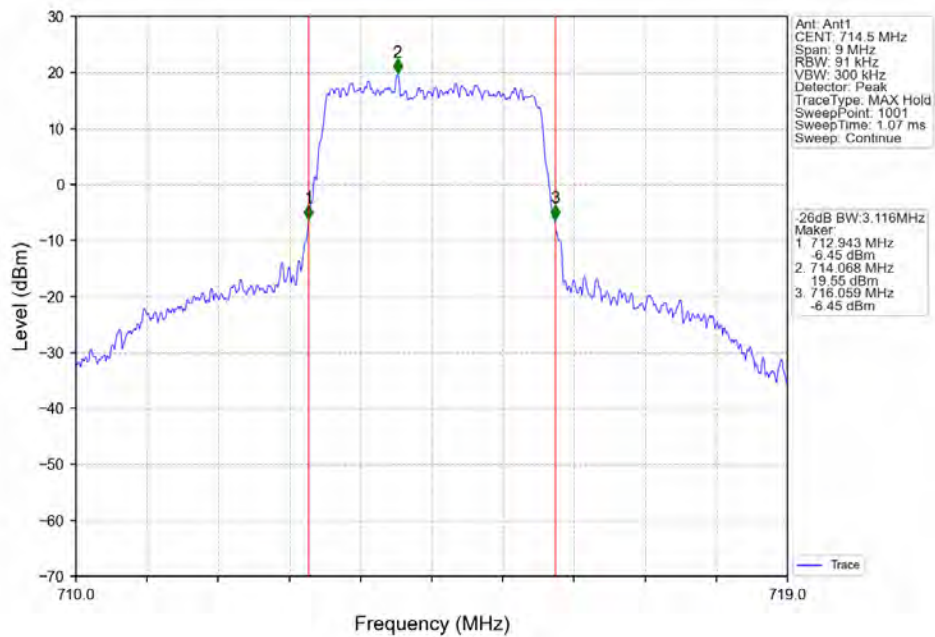
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



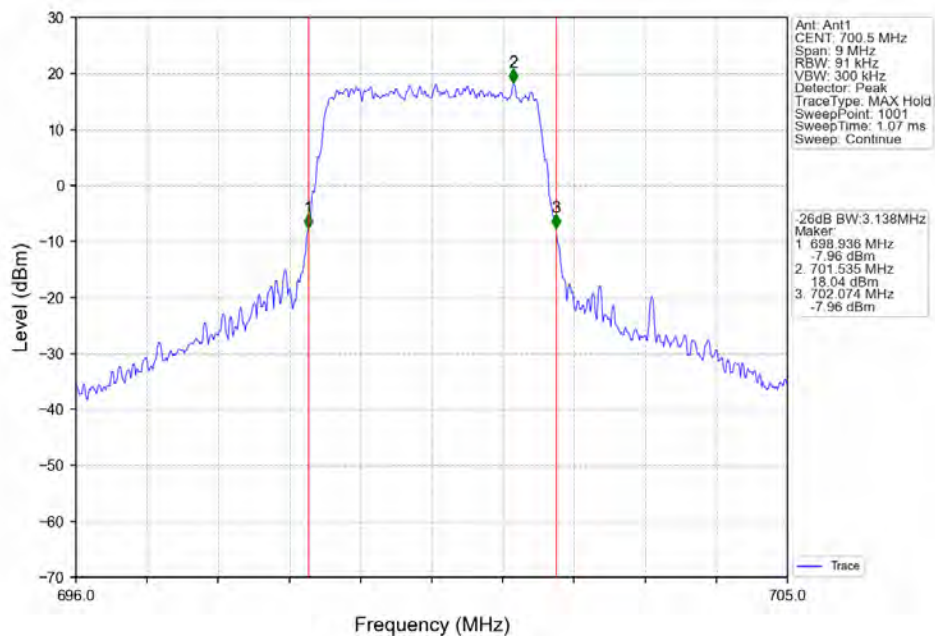
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



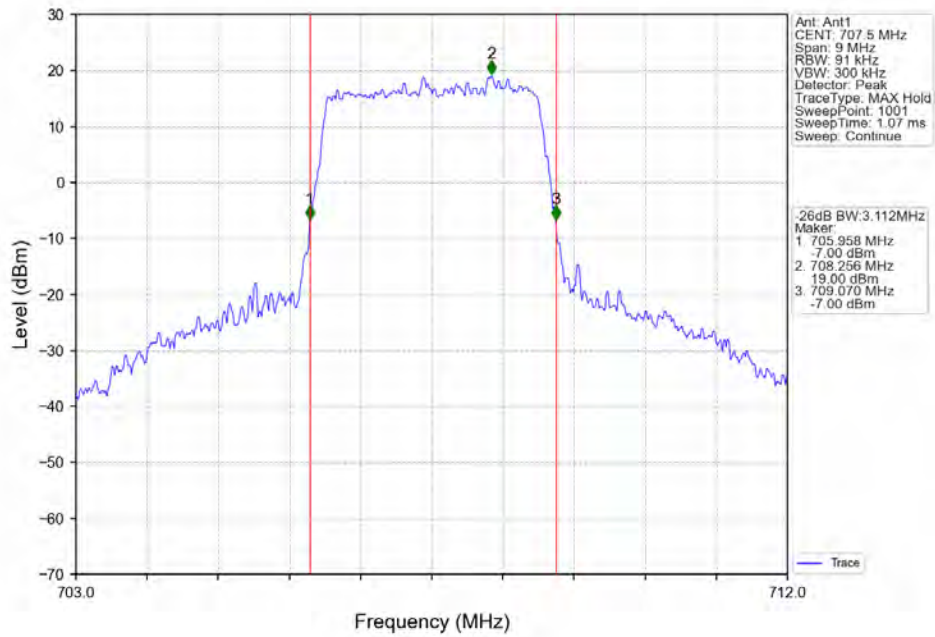
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



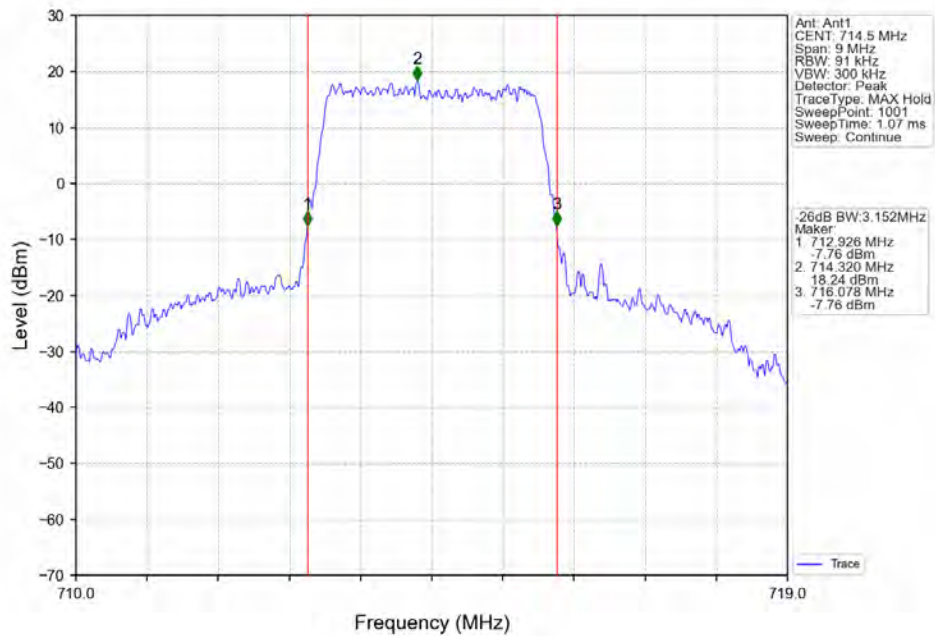
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



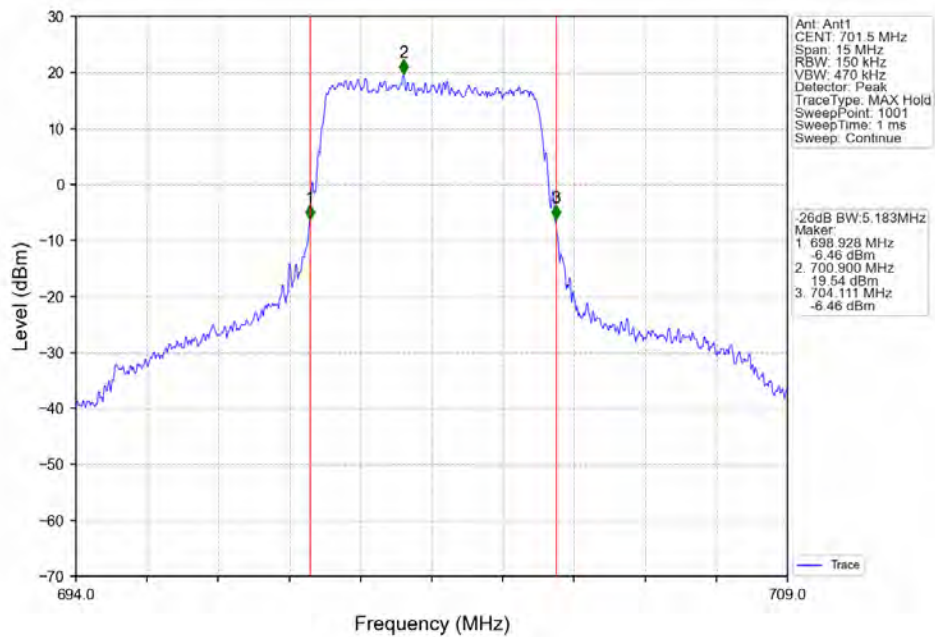
Band12 3MHz 64QAM MCH 707.5MHz RB 15 0 NTNV



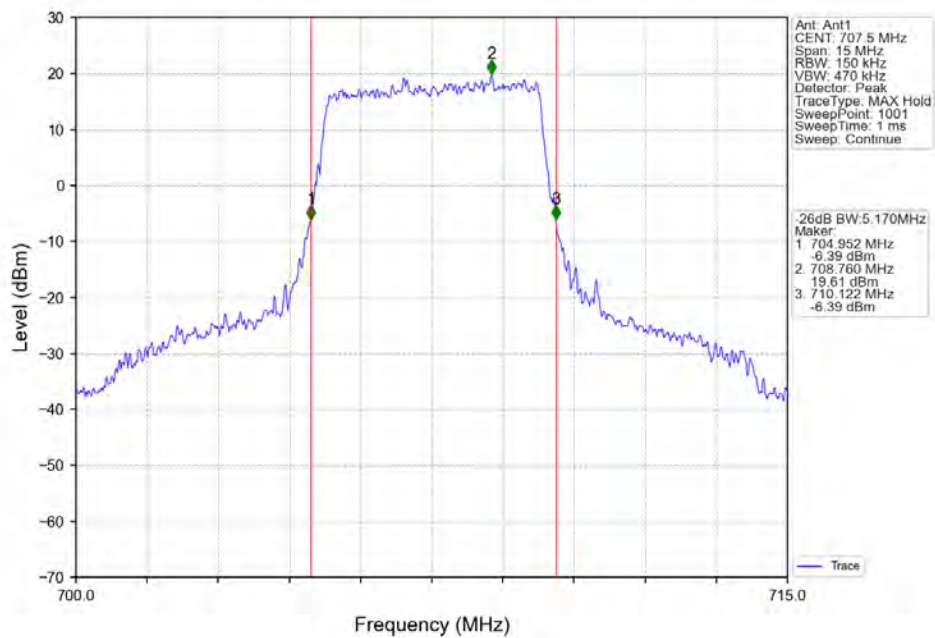
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



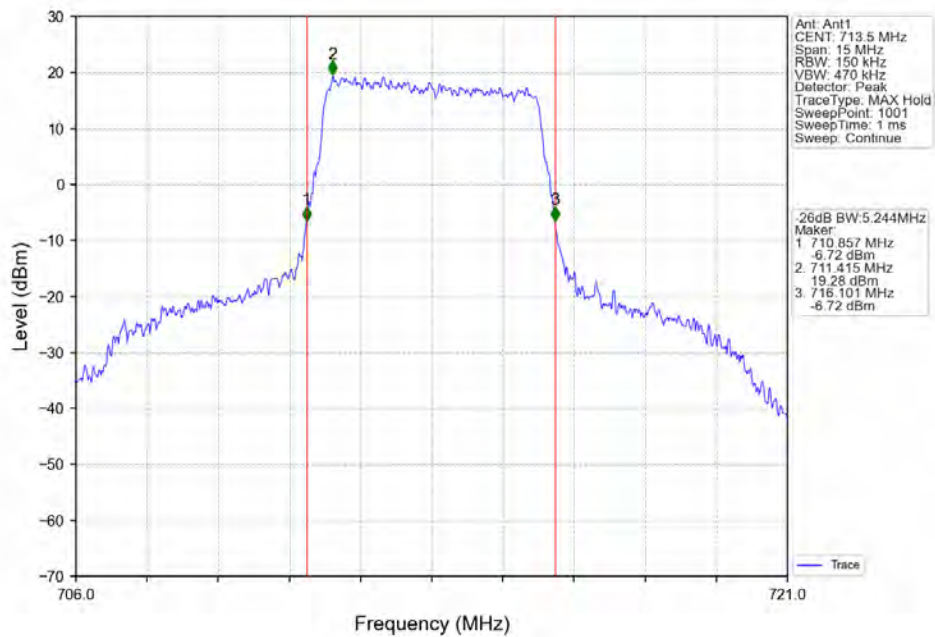
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTV



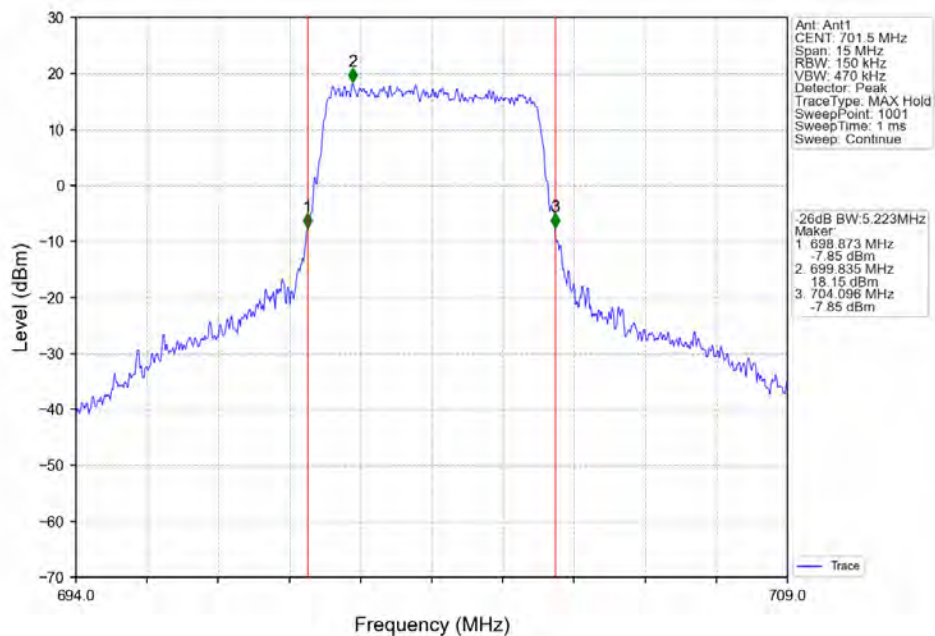
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTV



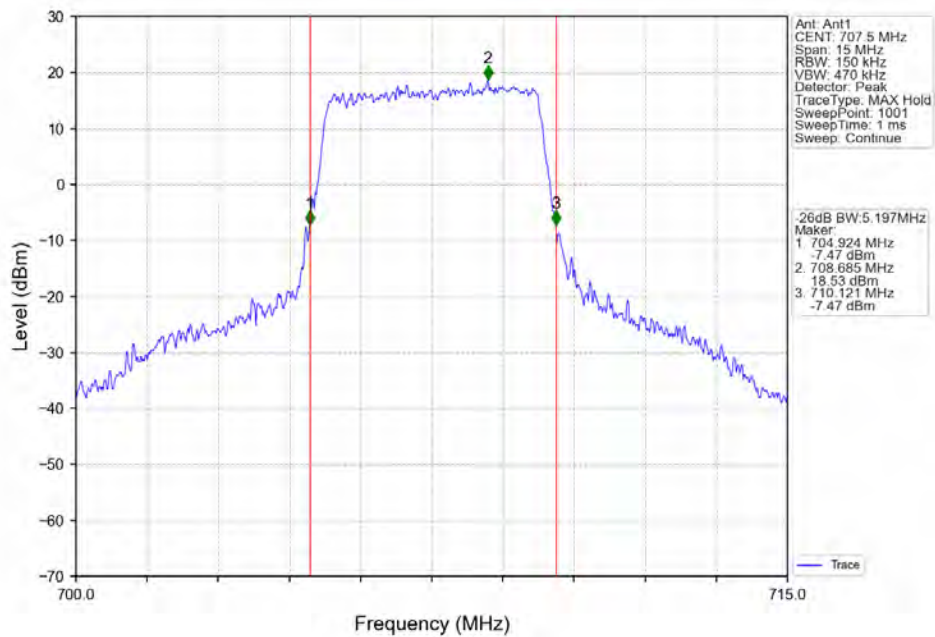
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



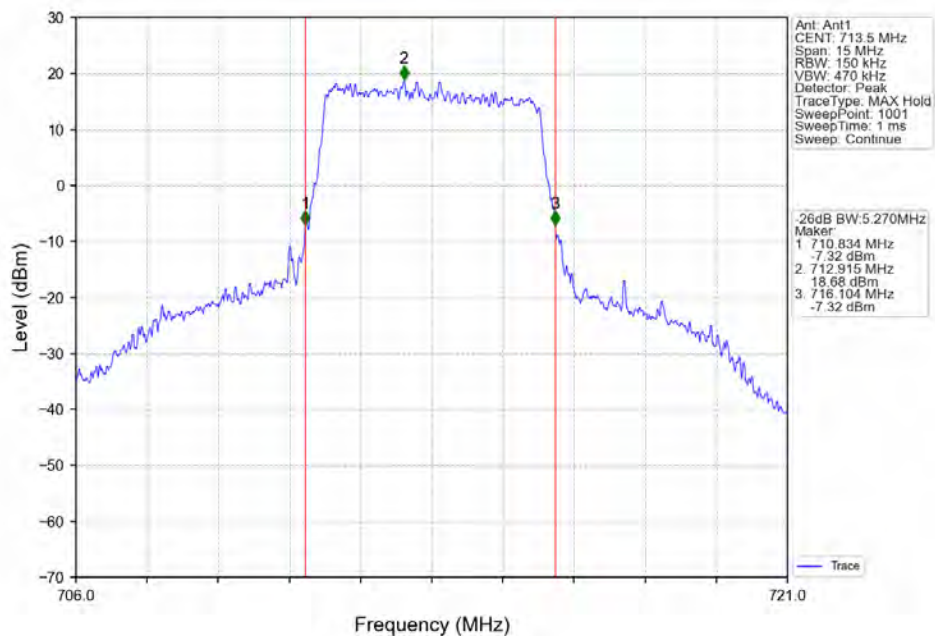
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTV



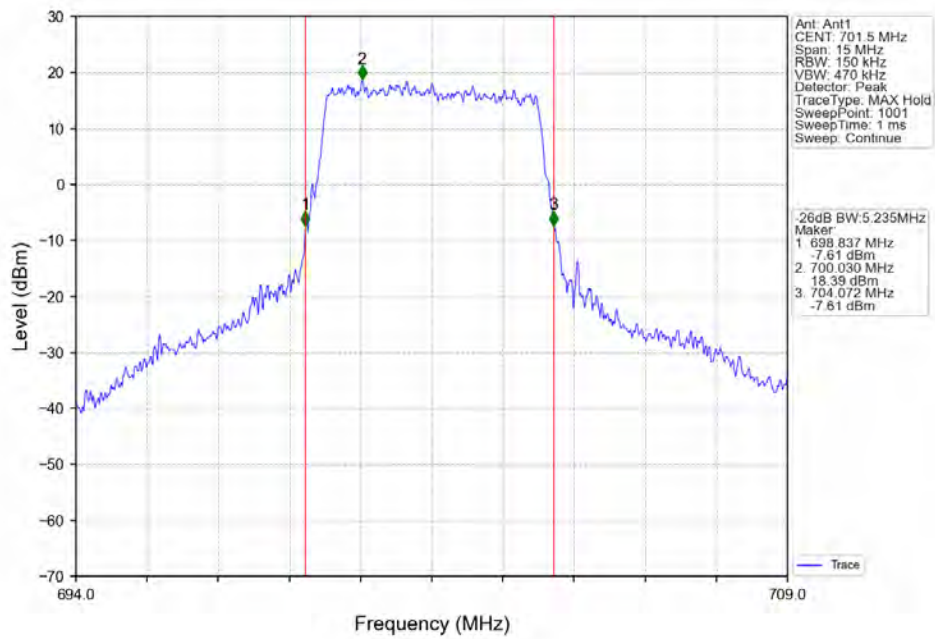
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV



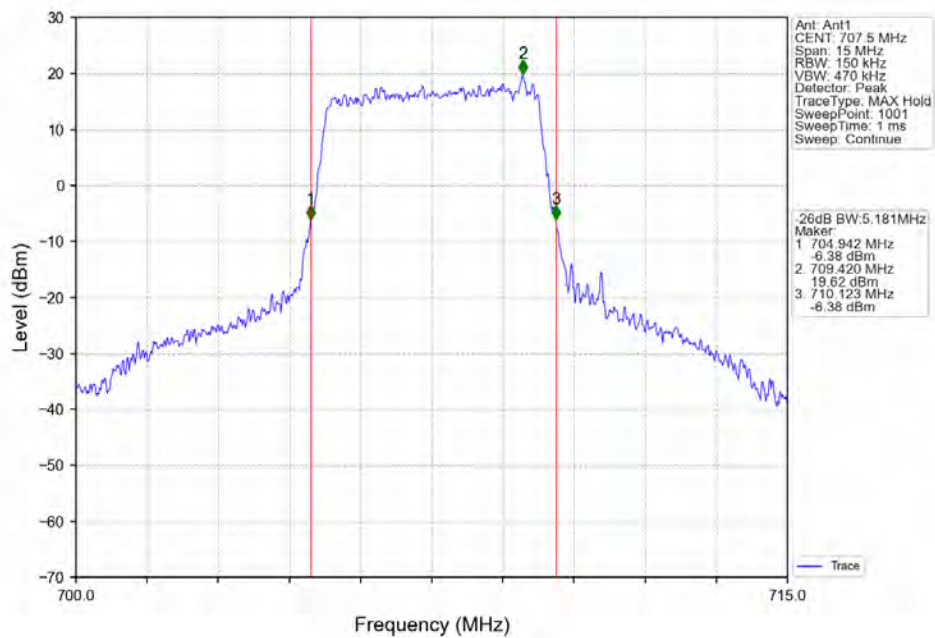
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTV



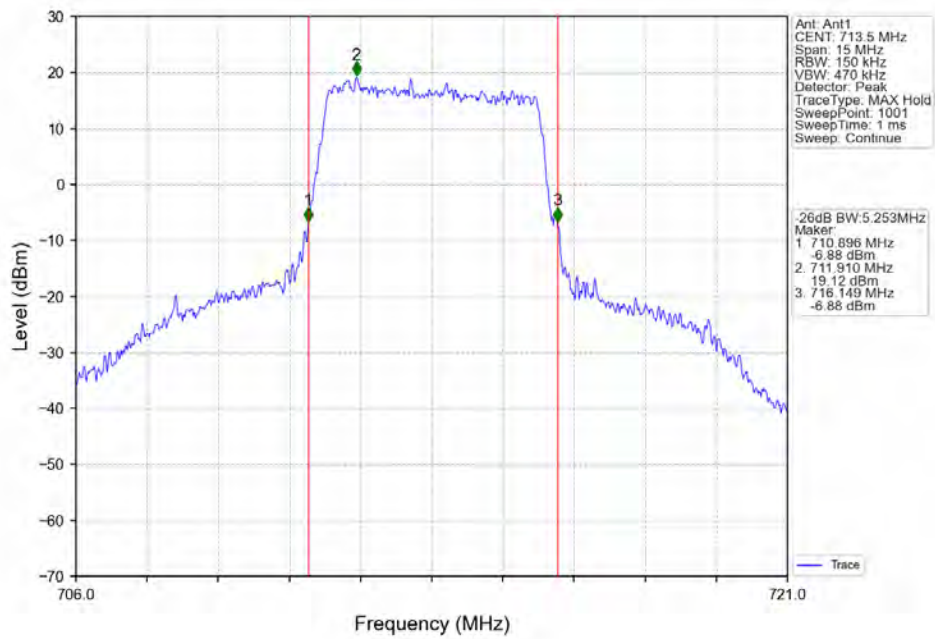
Band12 5MHz 64QAM LCH 701.5MHz RB 25 0 NTV



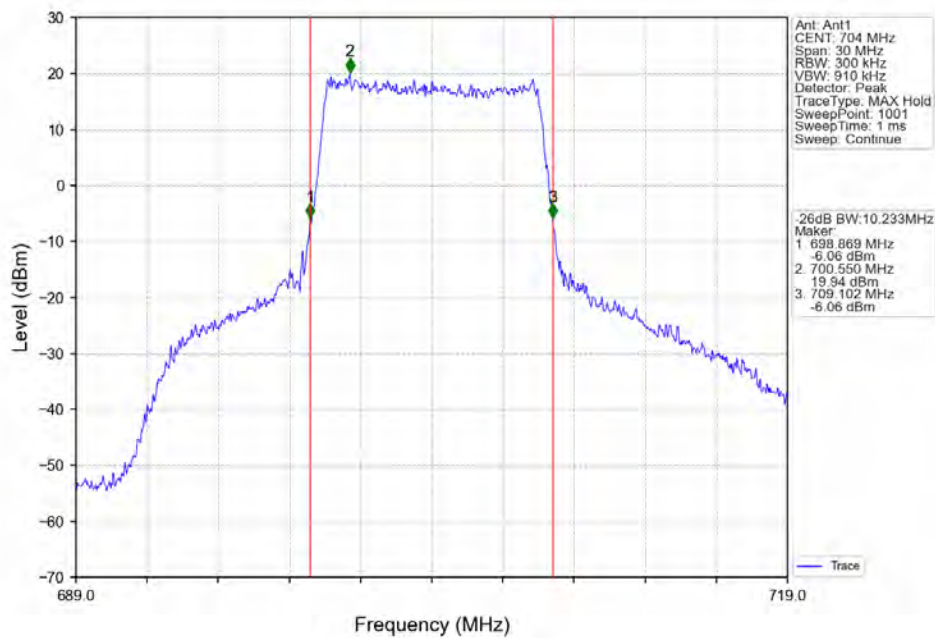
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTV



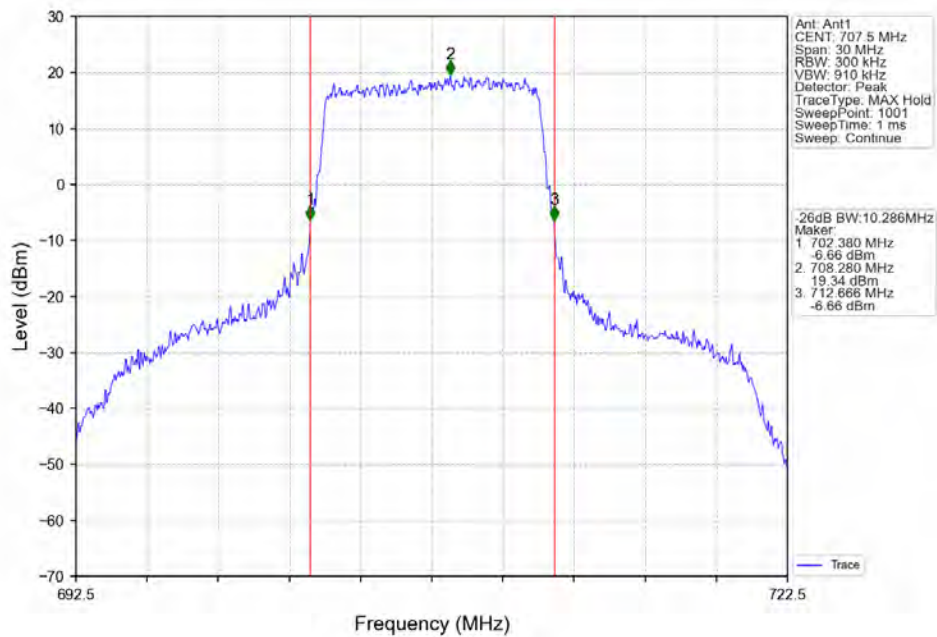
Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTNV



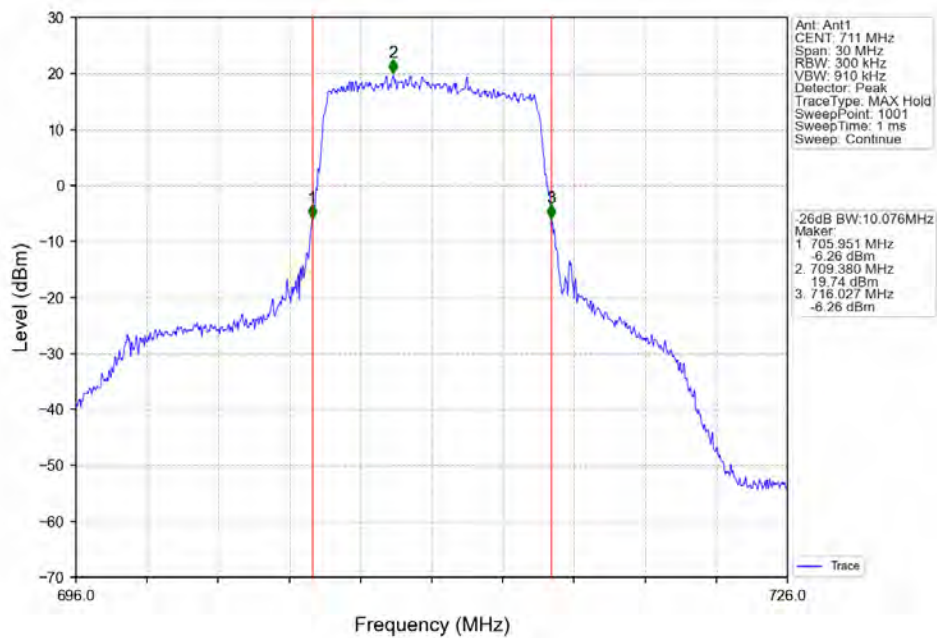
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



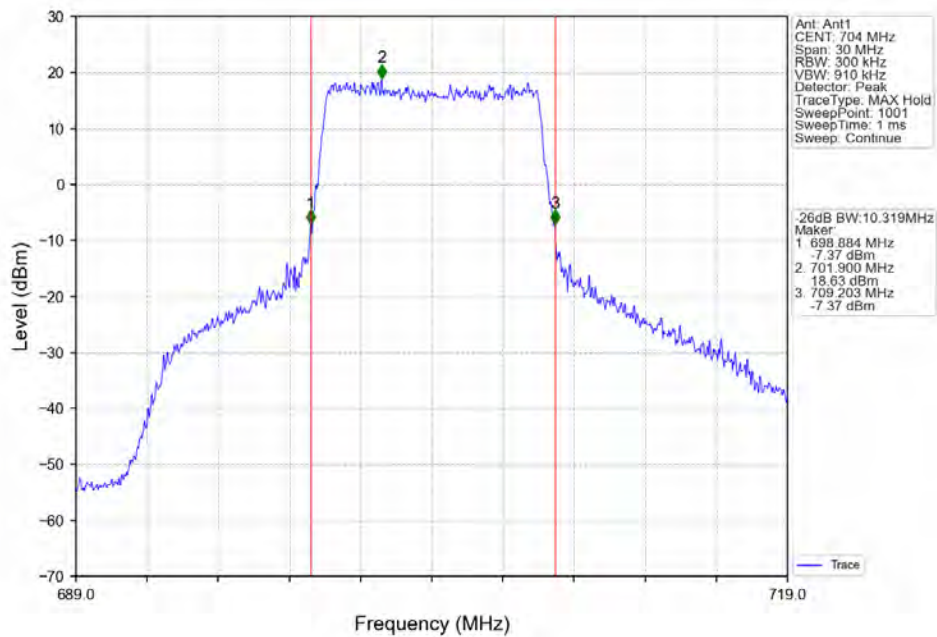
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



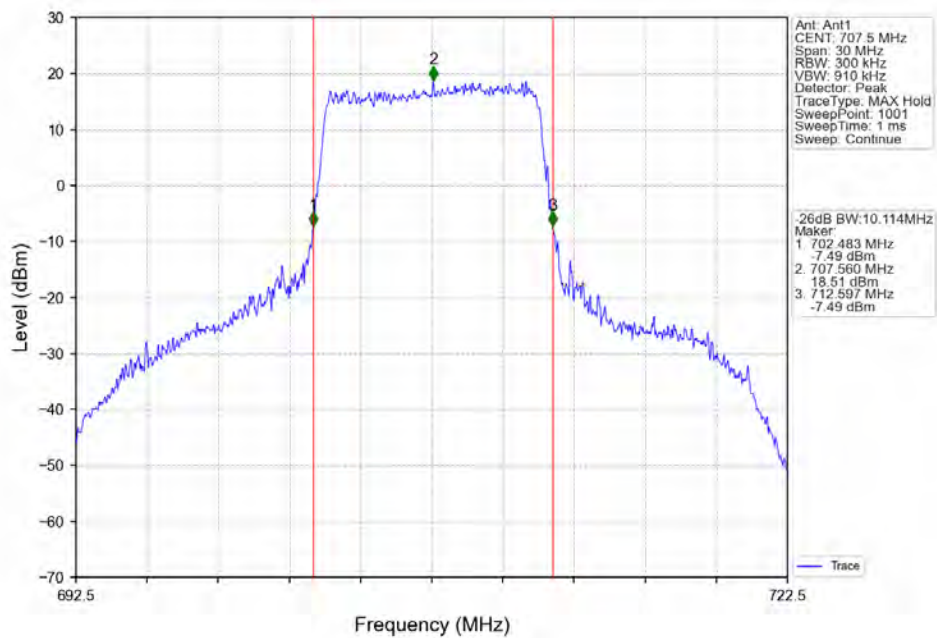
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTN



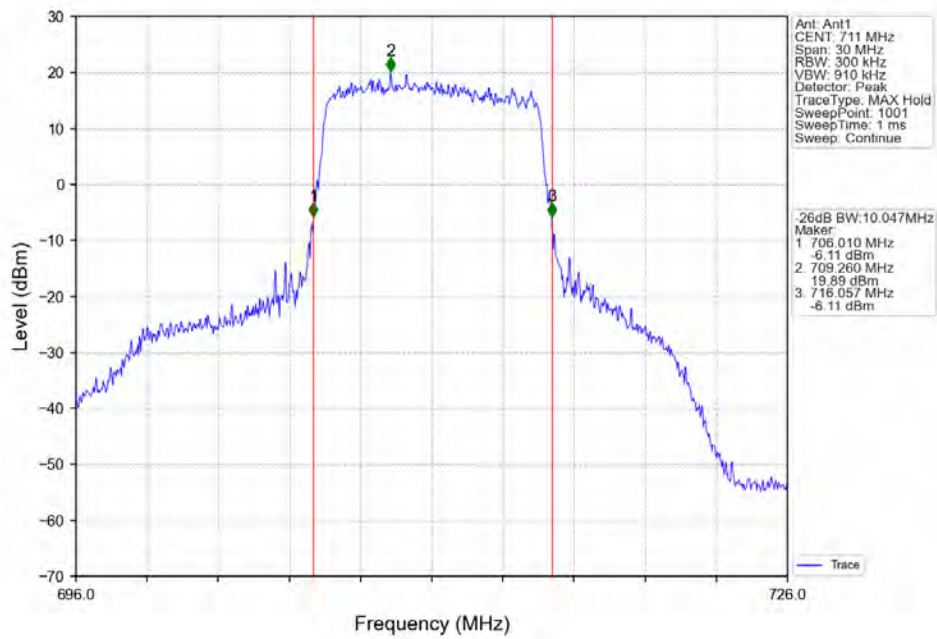
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



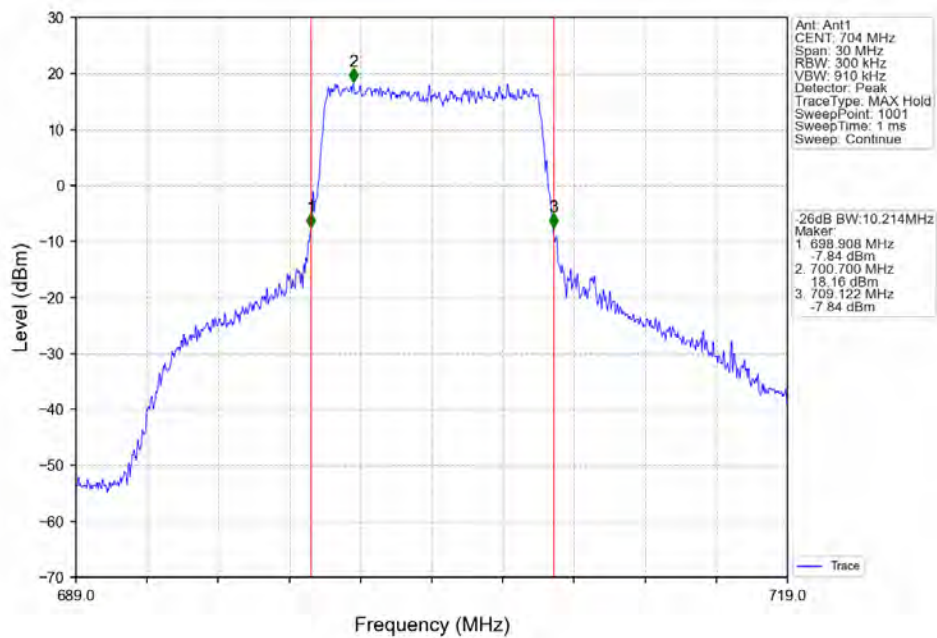
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



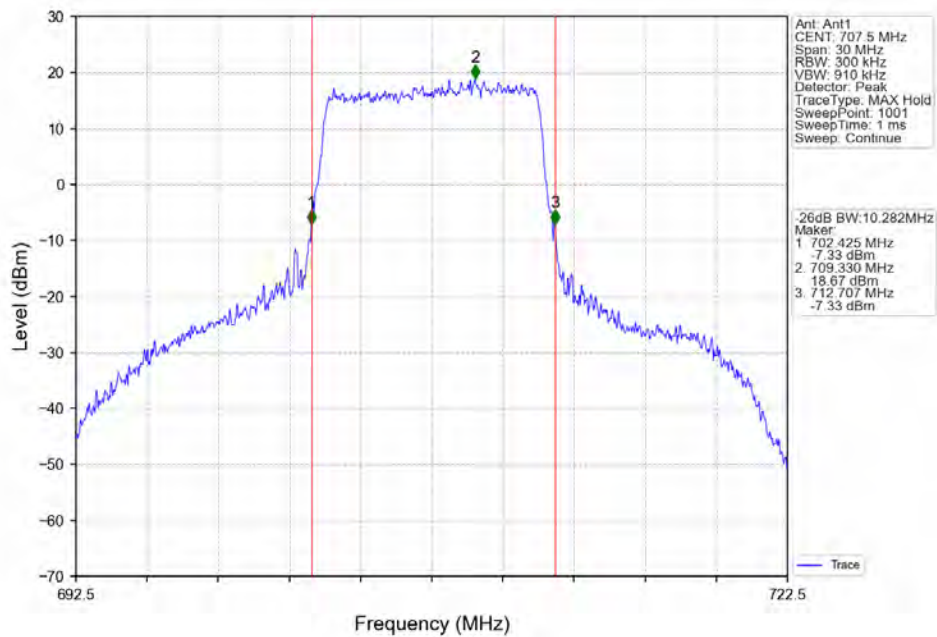
Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



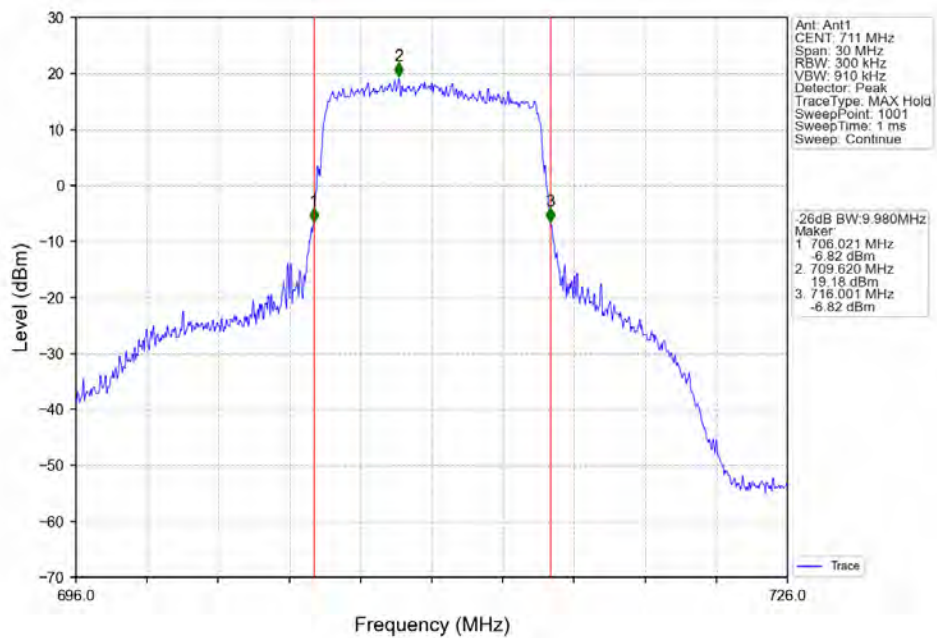
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

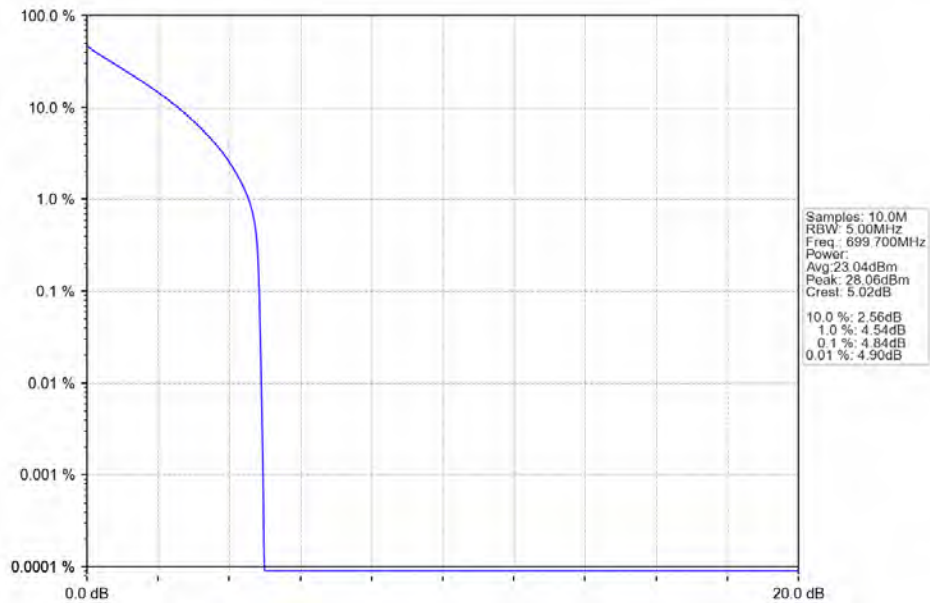
4.1 B12_1.4MHz

4.1.1 Test Result

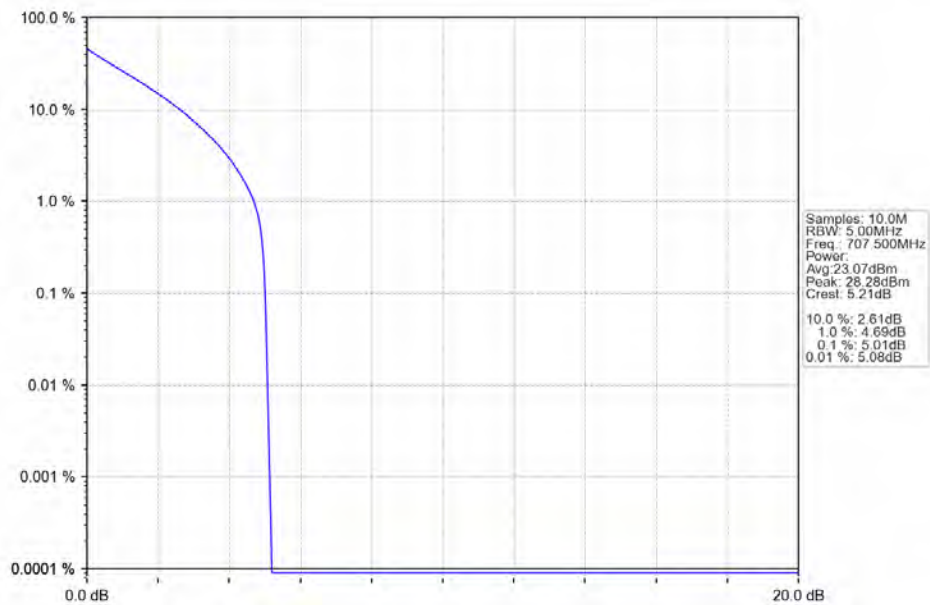
Band: 12 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	4.84	<=13	Pass
	707.5	6	0	5.01	<=13	Pass
	715.3	6	0	5.11	<=13	Pass
16QAM	699.7	6	0	6.18	<=13	Pass
	707.5	6	0	6.39	<=13	Pass
	715.3	6	0	6.54	<=13	Pass
64QAM	699.7	6	0	6.18	<=13	Pass
	707.5	6	0	6.39	<=13	Pass
	715.3	6	0	6.54	<=13	Pass

4.1.2 Test Graph

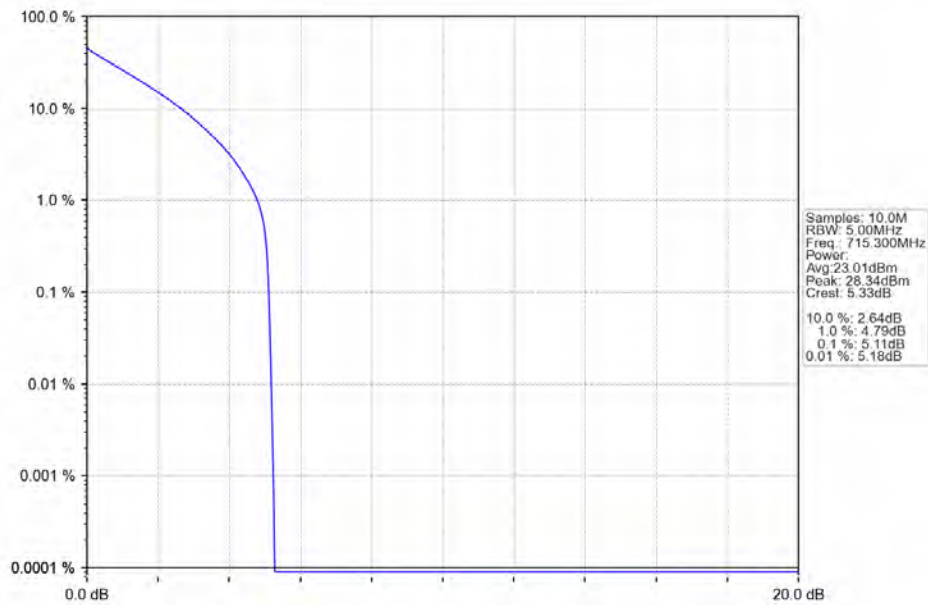
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



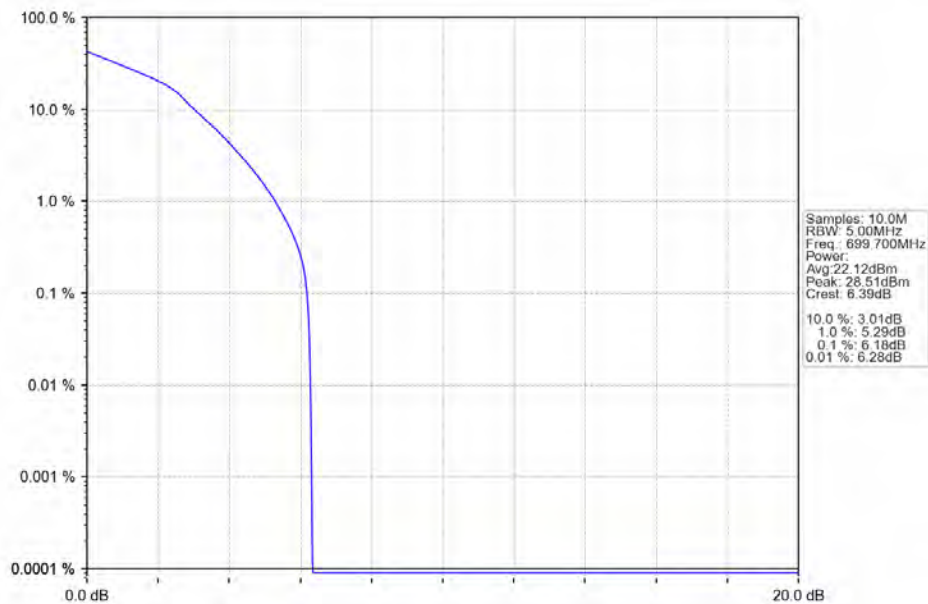
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



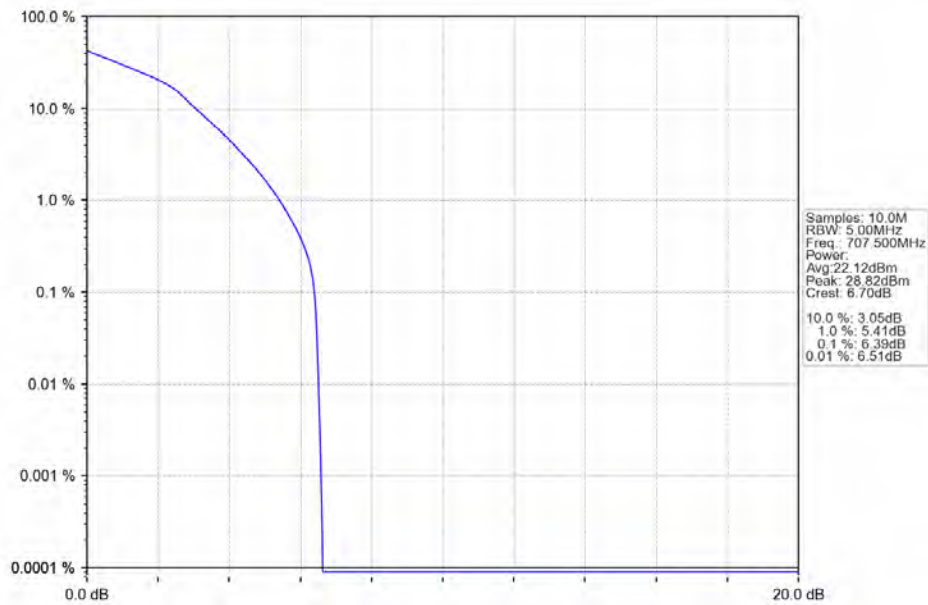
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



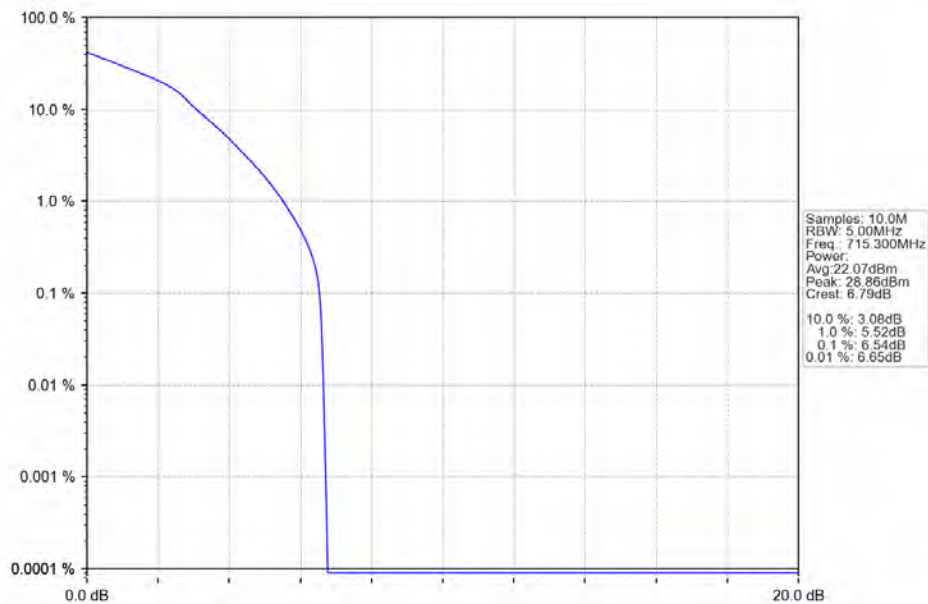
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



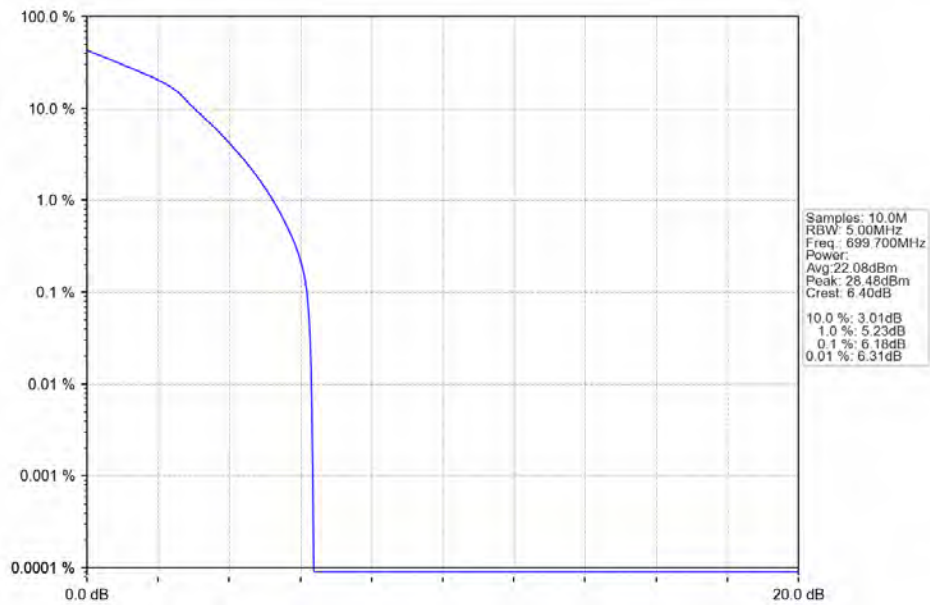
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6.0 NTNV



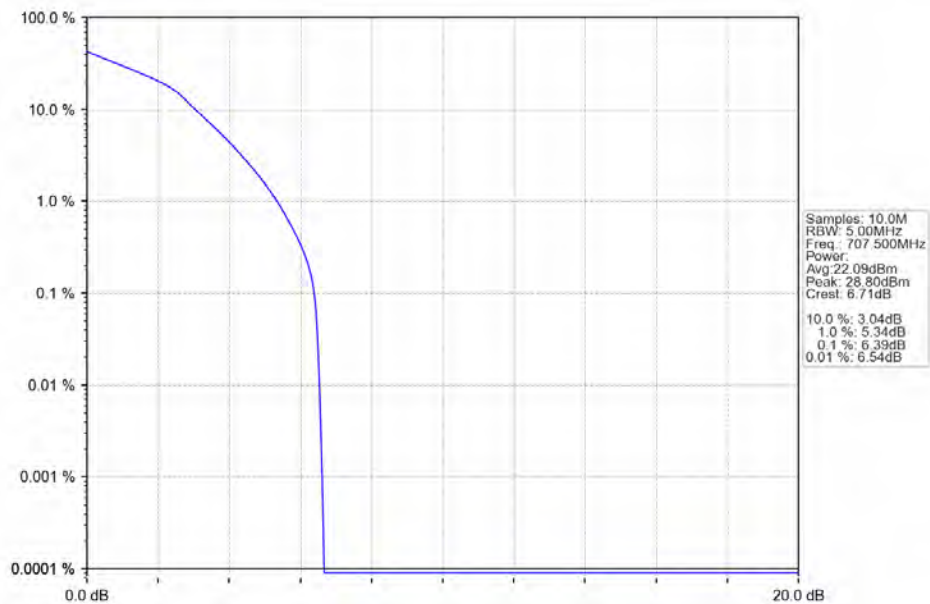
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6.0_NTNV



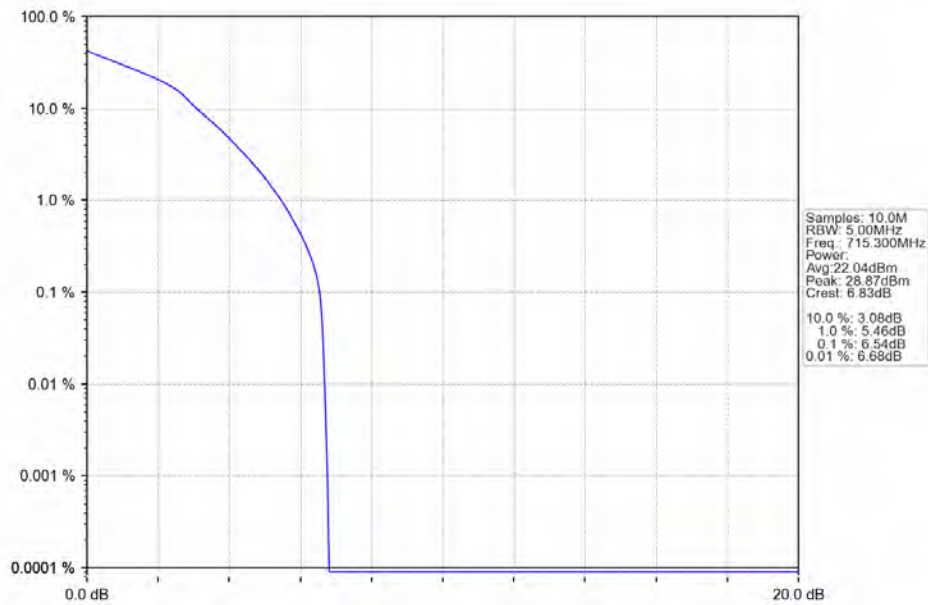
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTNV



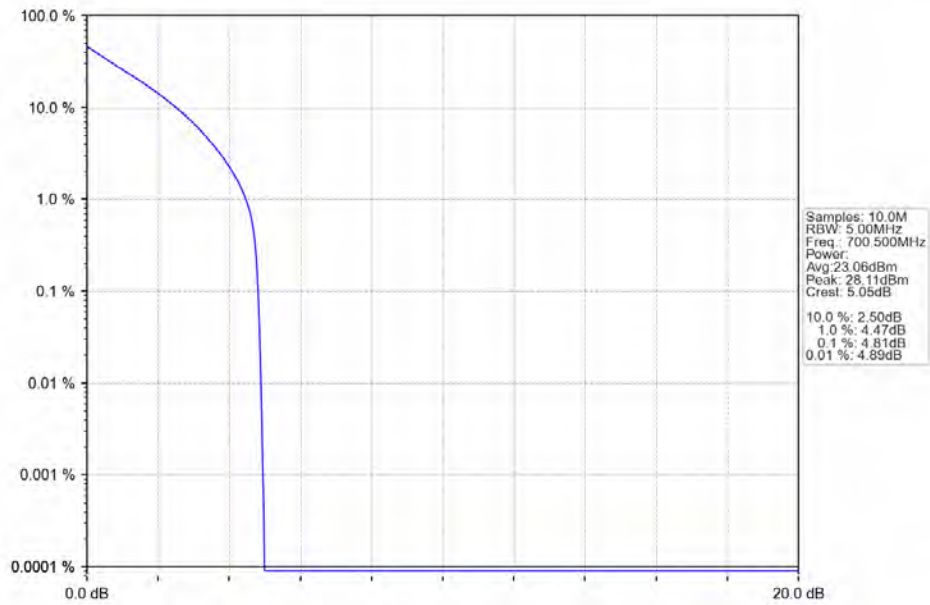
4.2 B12_3MHz

4.2.1 Test Result

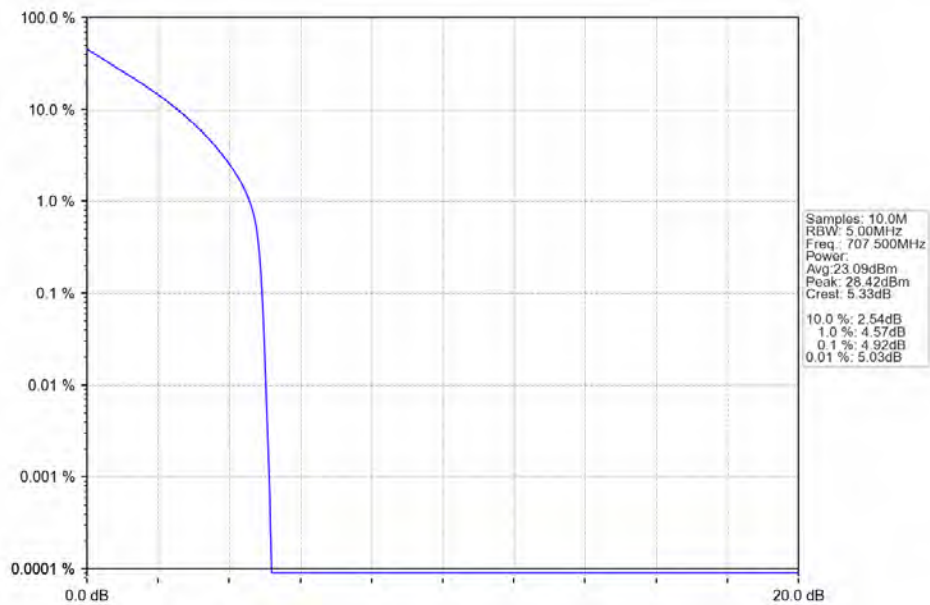
Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	4.81	<=13	Pass
	707.5	15	0	4.92	<=13	Pass
	714.5	15	0	5.04	<=13	Pass
16QAM	700.5	15	0	6.25	<=13	Pass
	707.5	15	0	6.39	<=13	Pass
	714.5	15	0	6.54	<=13	Pass
64QAM	700.5	15	0	6.24	<=13	Pass
	707.5	15	0	6.39	<=13	Pass
	714.5	15	0	6.54	<=13	Pass

4.2.2 Test Graph

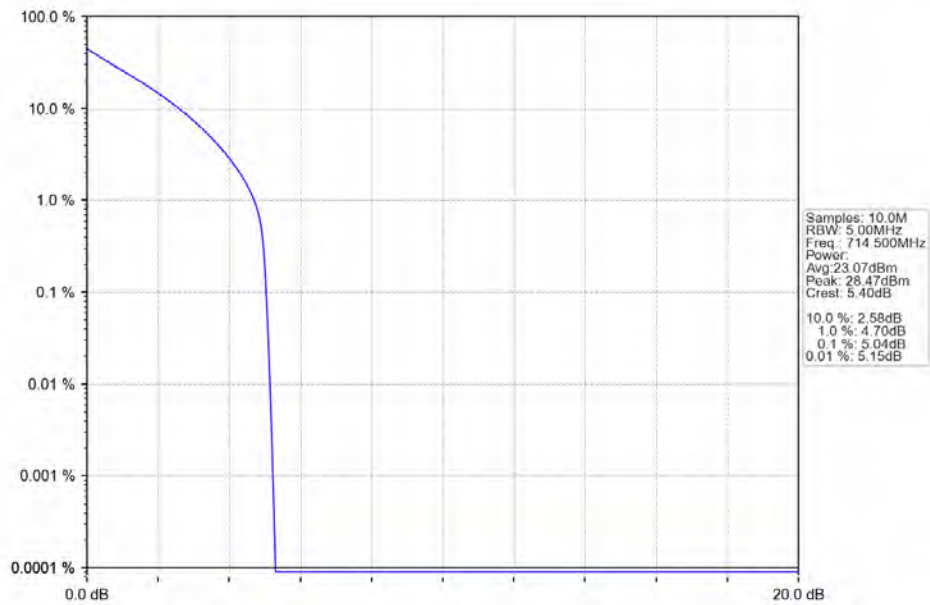
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



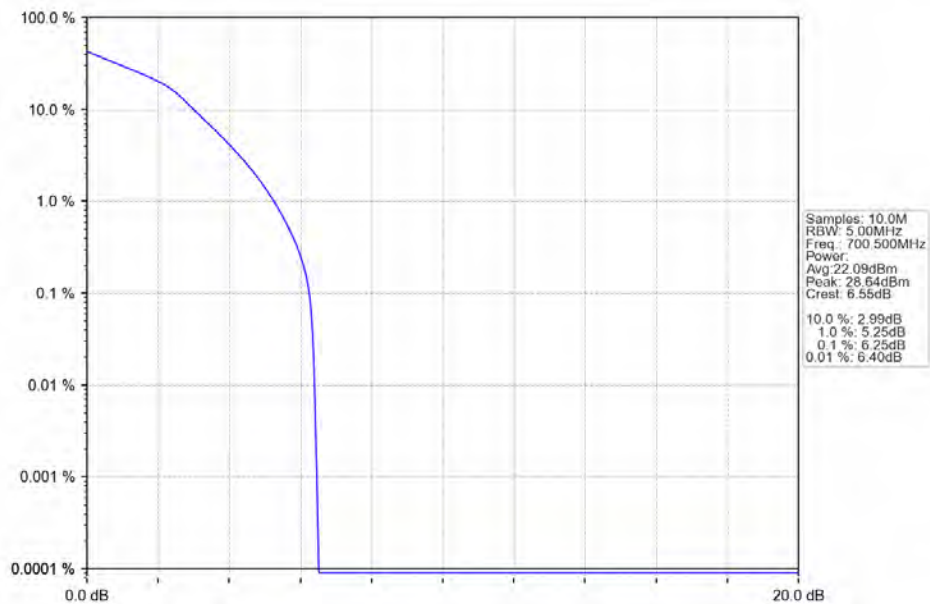
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



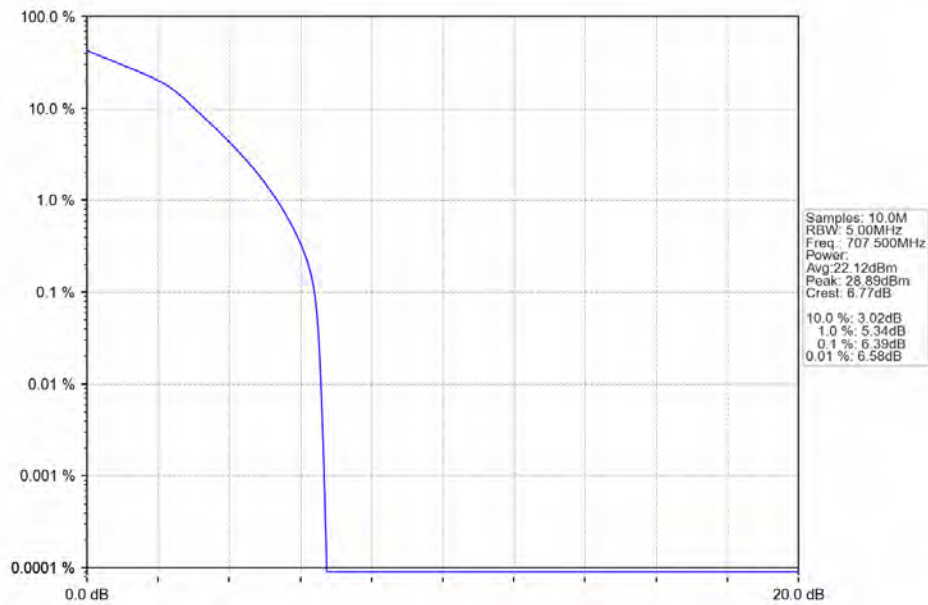
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



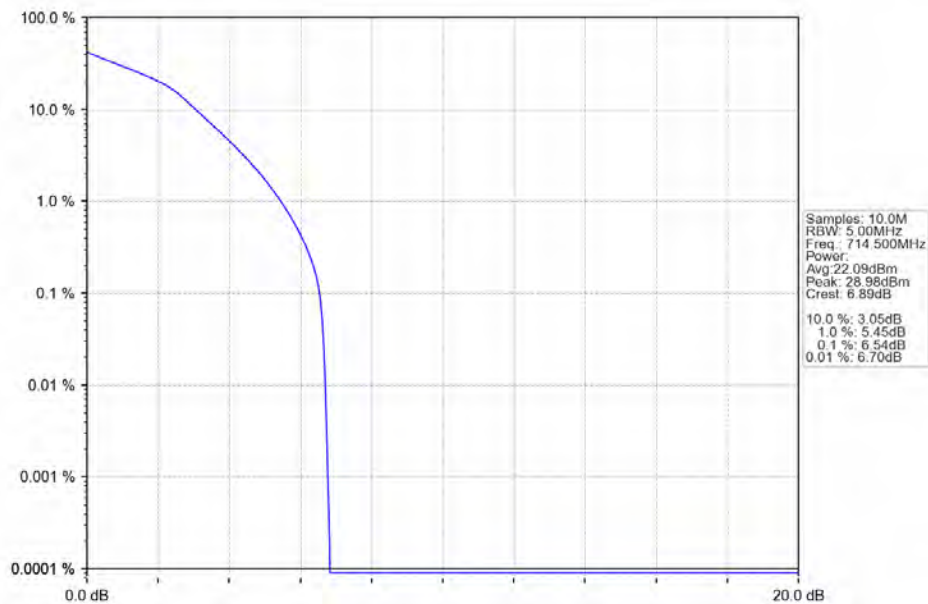
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



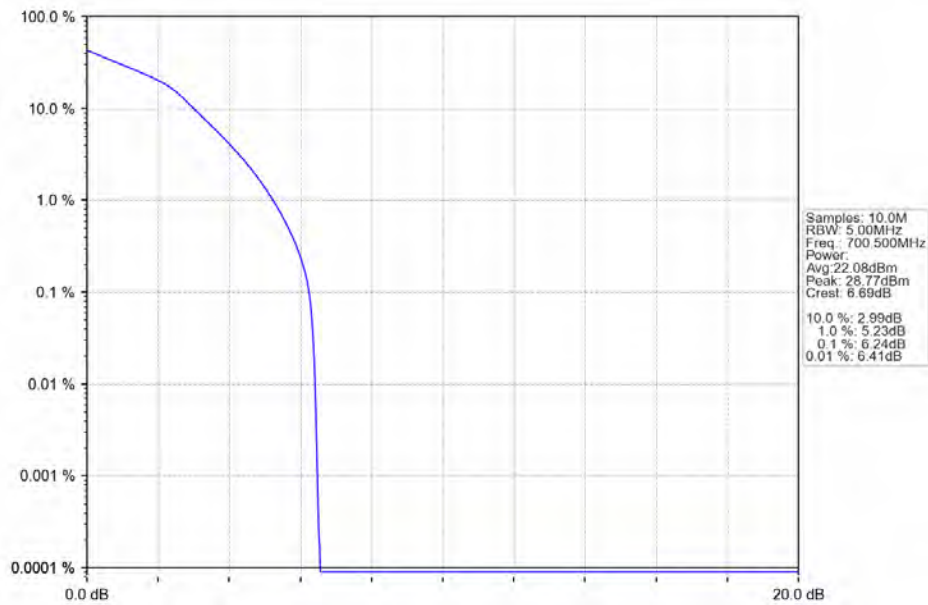
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



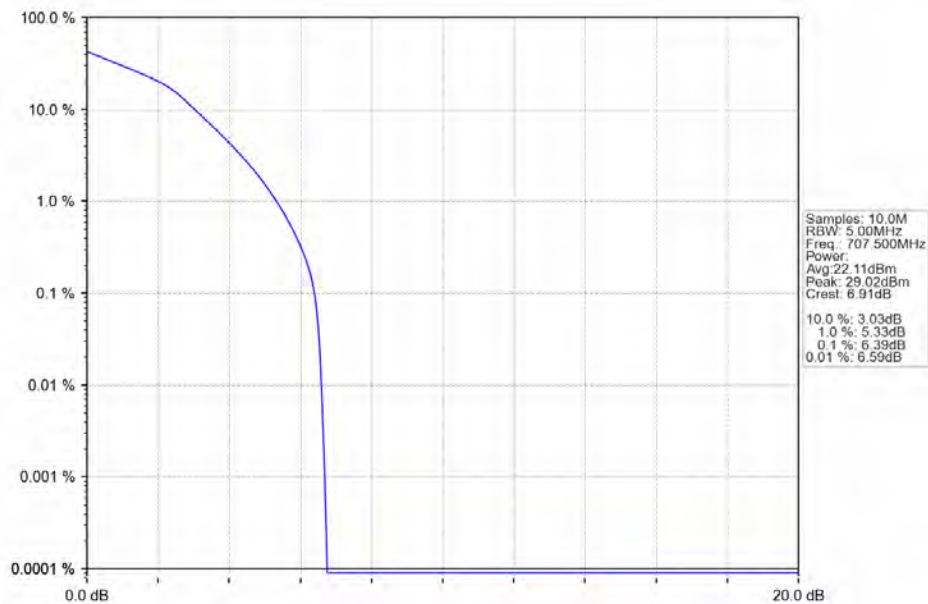
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTV



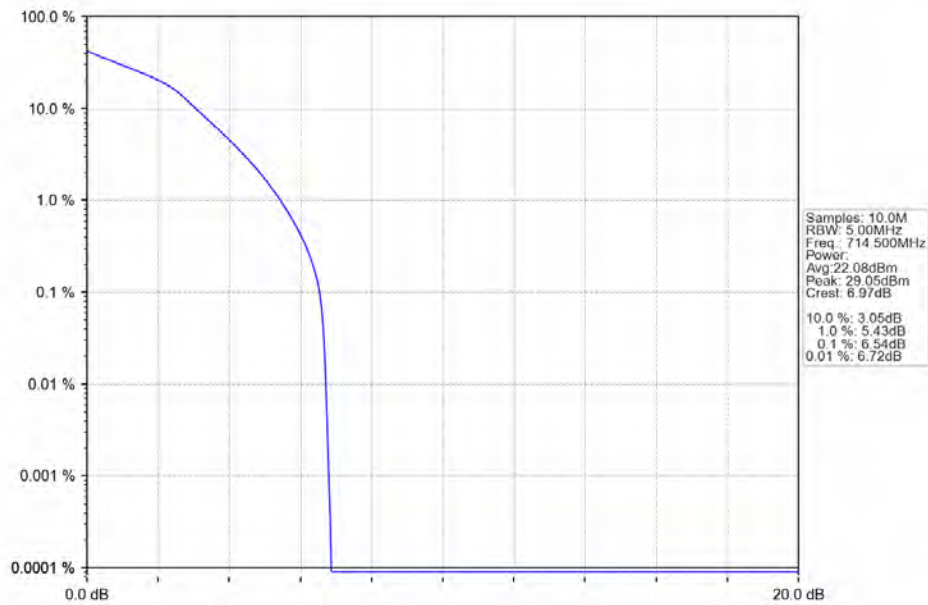
Band12 3MHz 64QAM LCH 700.5MHz RB 15 0 NTV



Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTV



Band12 3MHz 64QAM HCH 714.5MHz RB 15 0 NTNV



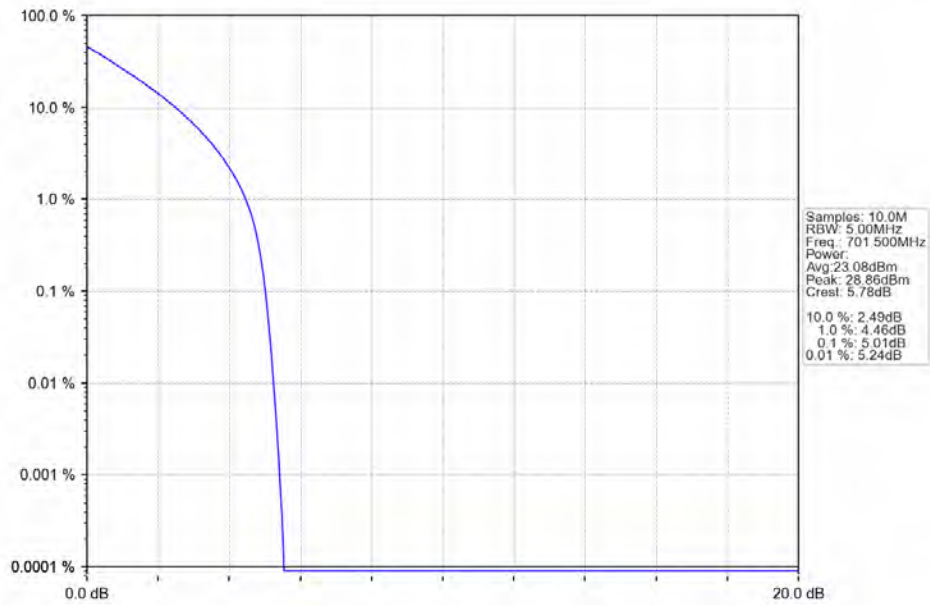
4.3 B12_5MHz

4.3.1 Test Result

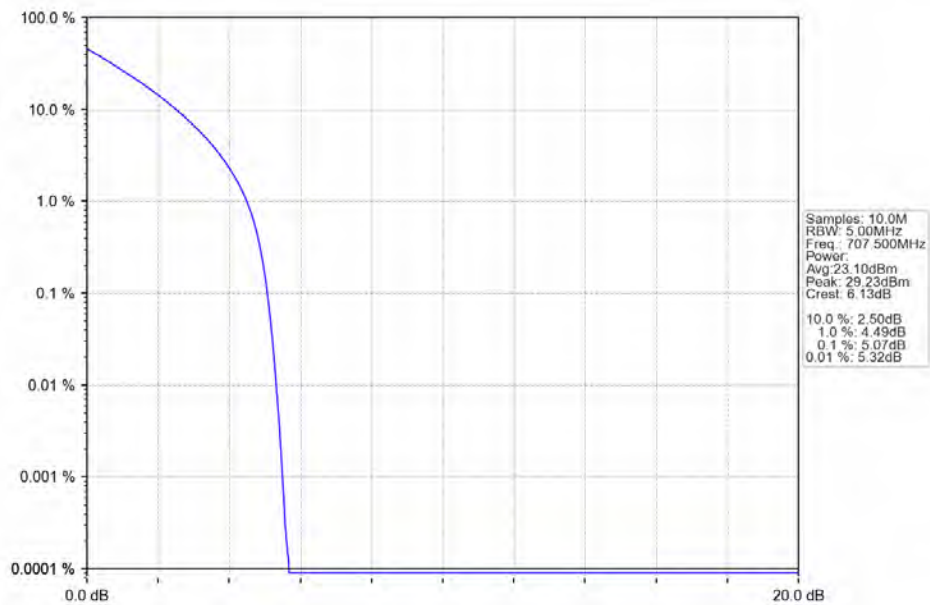
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.01	<=13	Pass
	707.5	25	0	5.07	<=13	Pass
	713.5	25	0	5.16	<=13	Pass
16QAM	701.5	25	0	6.08	<=13	Pass
	707.5	25	0	6.14	<=13	Pass
	713.5	25	0	6.21	<=13	Pass
64QAM	701.5	25	0	6.08	<=13	Pass
	707.5	25	0	6.14	<=13	Pass
	713.5	25	0	6.21	<=13	Pass

4.3.2 Test Graph

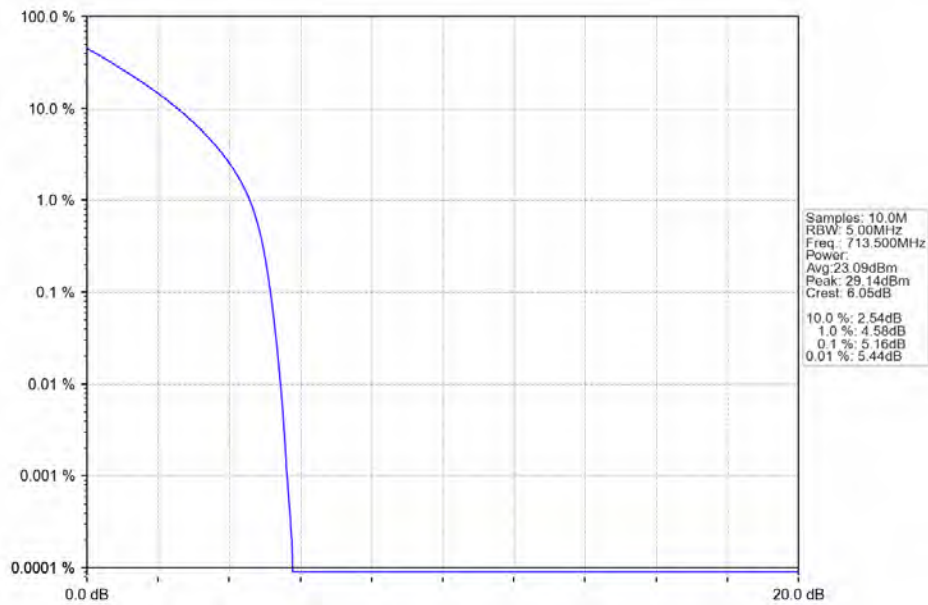
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



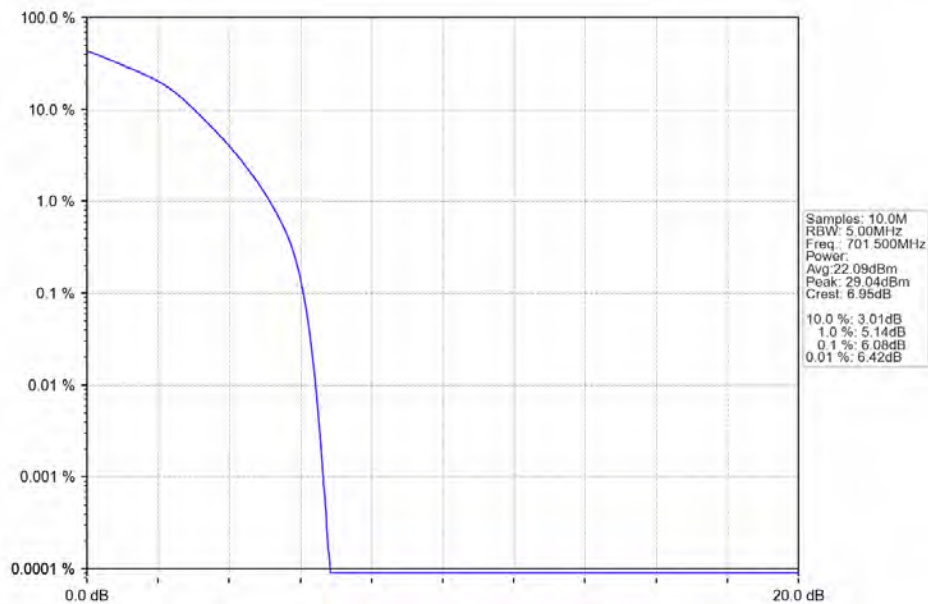
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



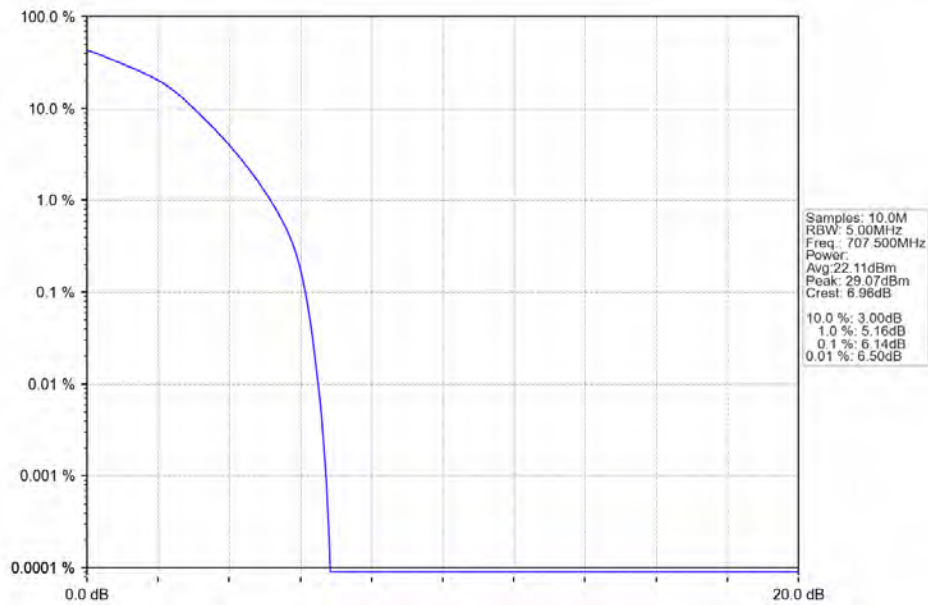
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



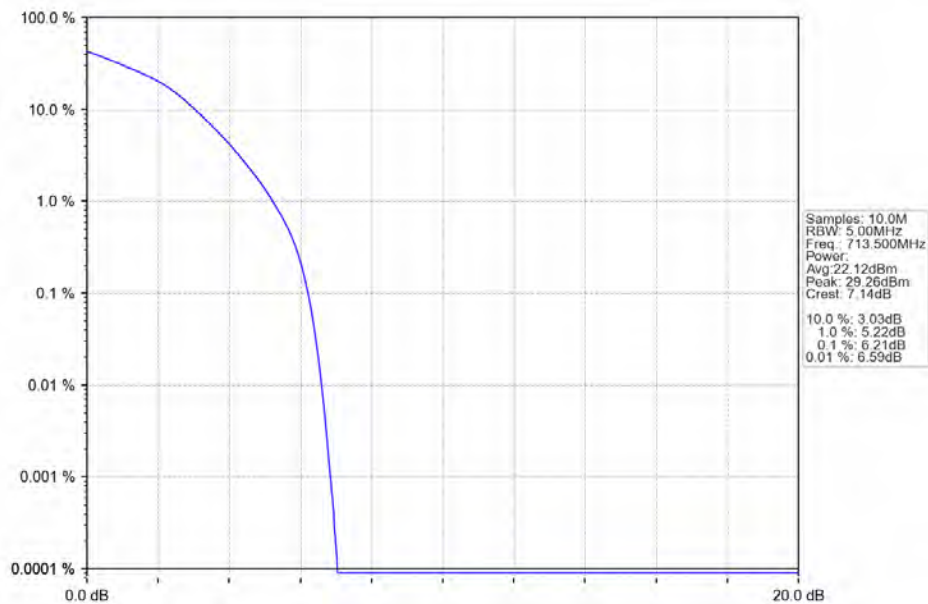
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTV



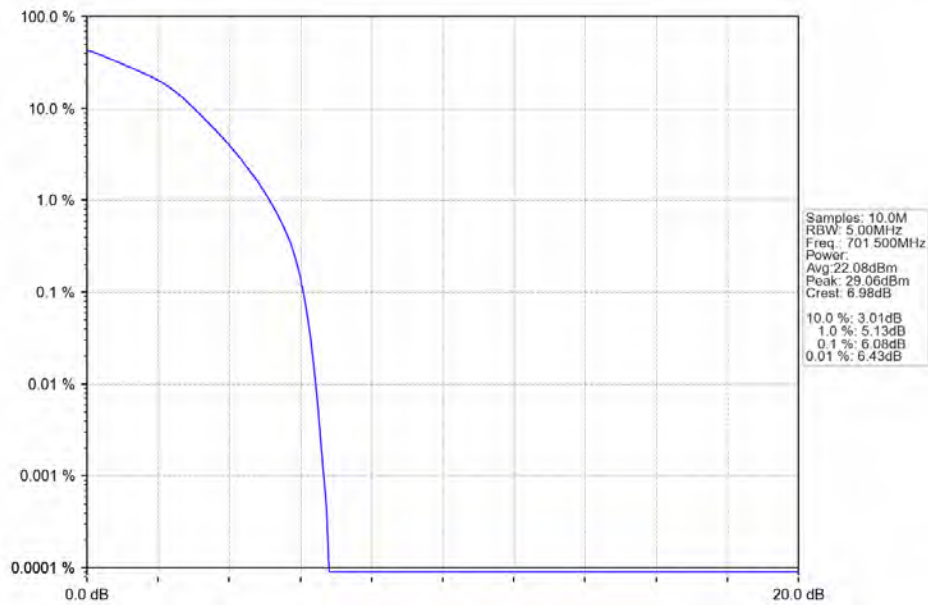
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



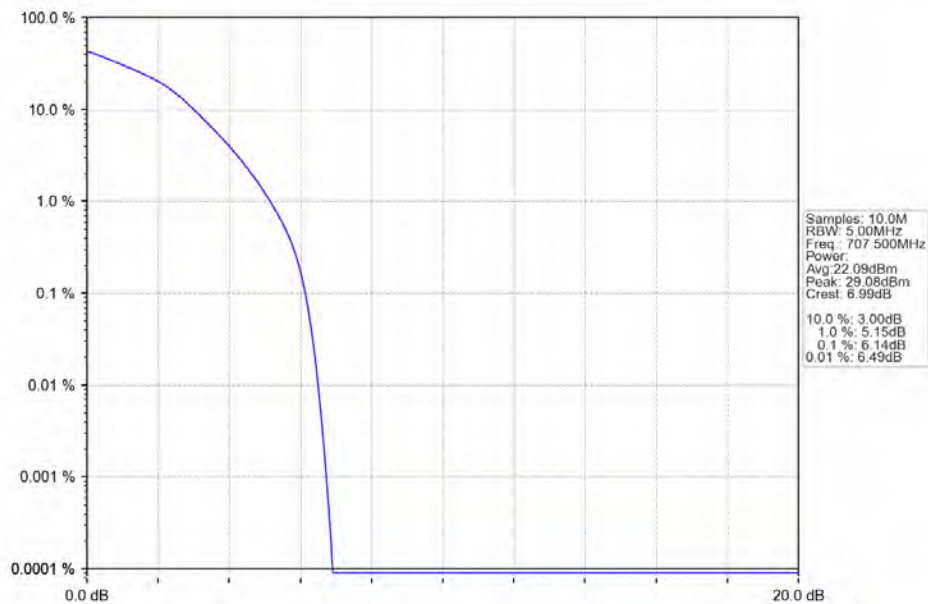
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



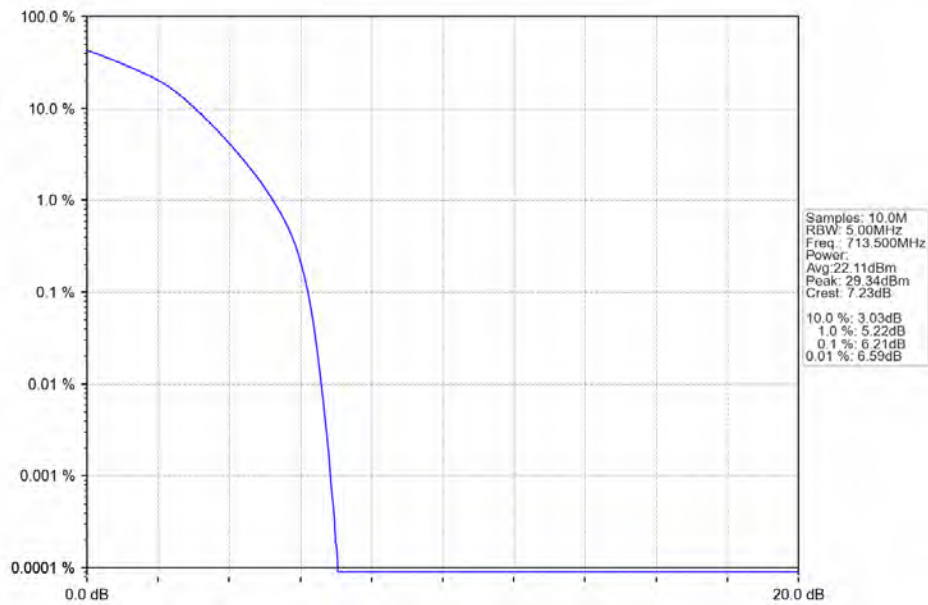
Band12 5MHz 64QAM LCH 701.5MHz RB 25 0 NTV



Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTV



Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTV



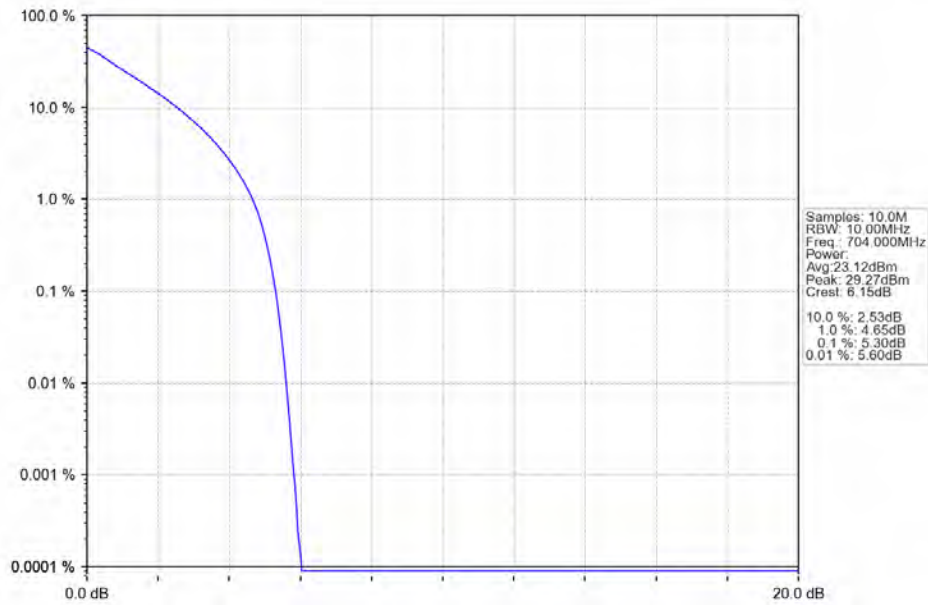
4.4 B12_10MHz

4.4.1 Test Result

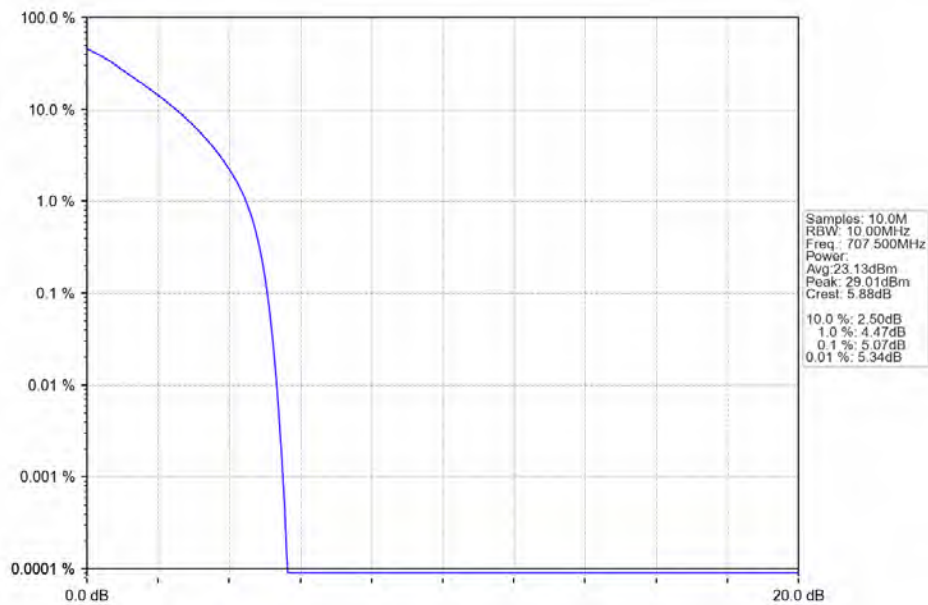
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.30	<=13	Pass
	707.5	50	0	5.07	<=13	Pass
	711	50	0	4.81	<=13	Pass
16QAM	704	50	0	6.32	<=13	Pass
	707.5	50	0	6.11	<=13	Pass
	711	50	0	5.96	<=13	Pass
64QAM	704	50	0	6.31	<=13	Pass
	707.5	50	0	6.11	<=13	Pass
	711	50	0	5.95	<=13	Pass

4.4.2 Test Graph

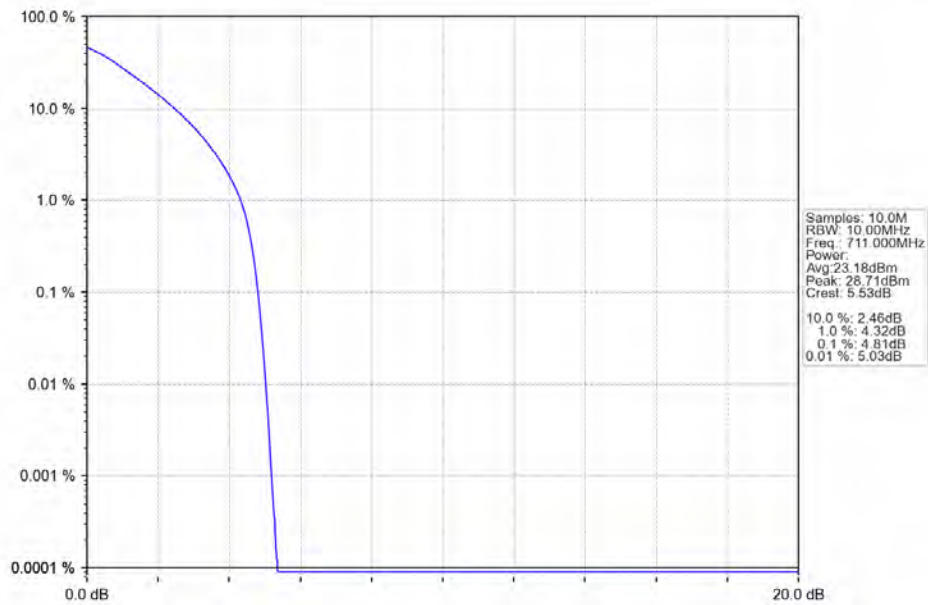
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



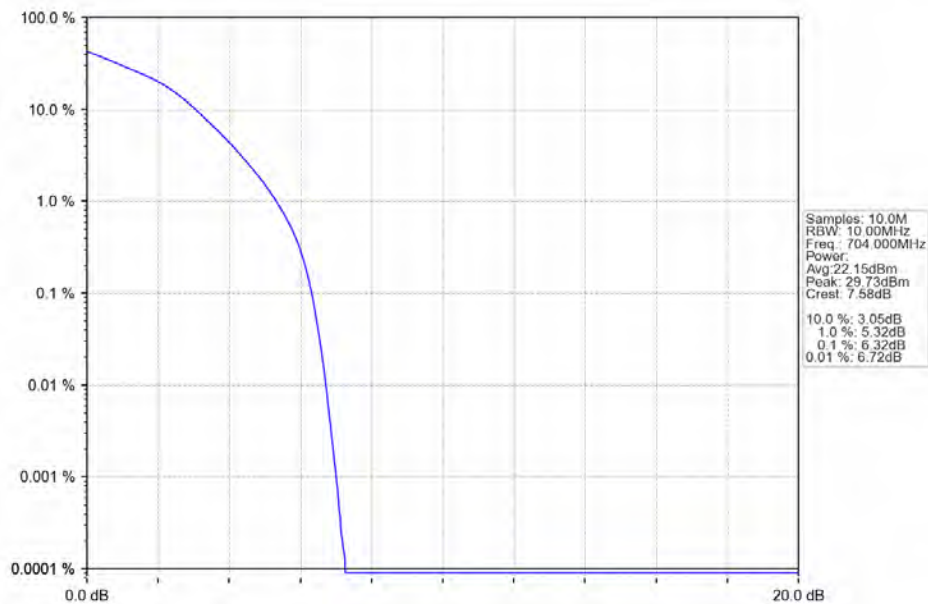
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



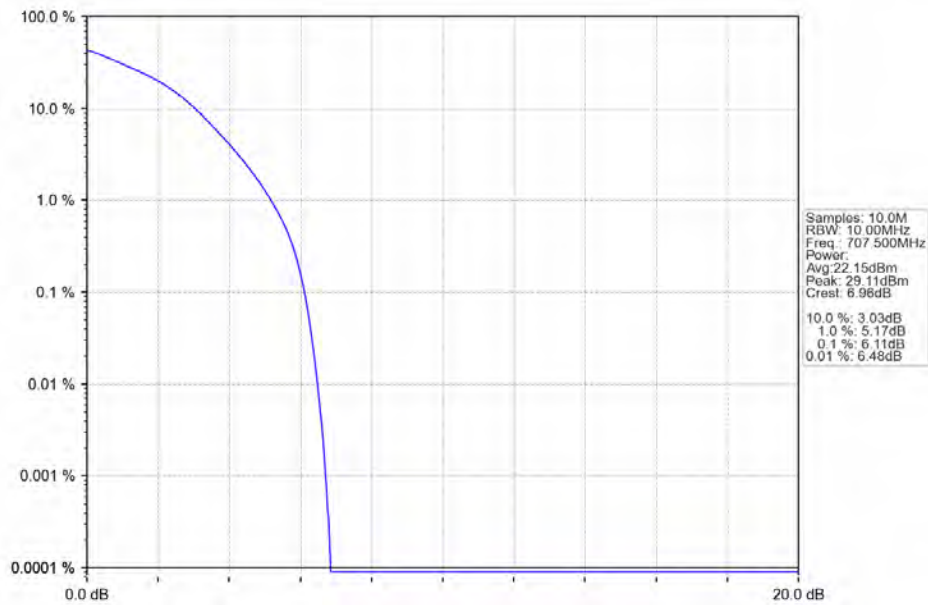
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTV



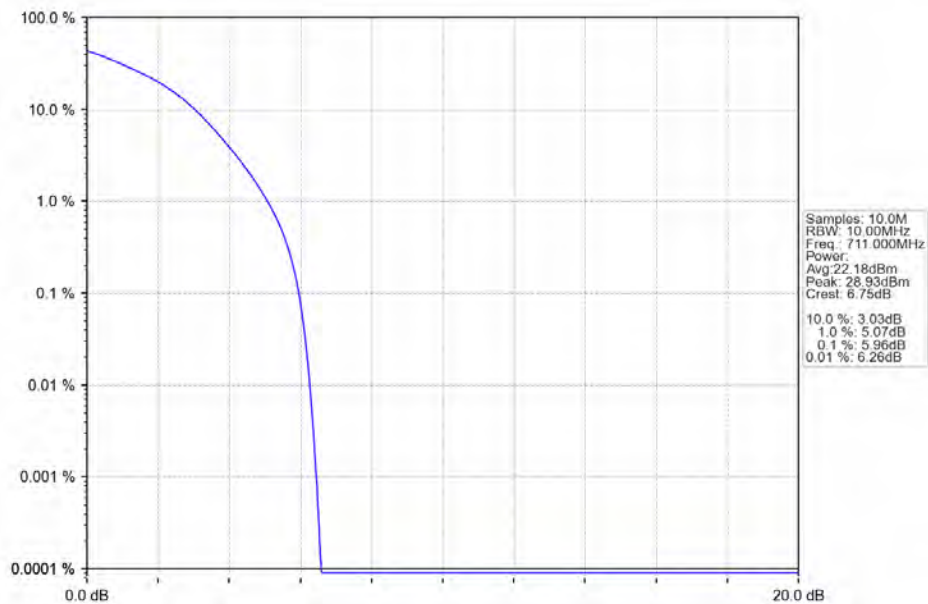
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTV



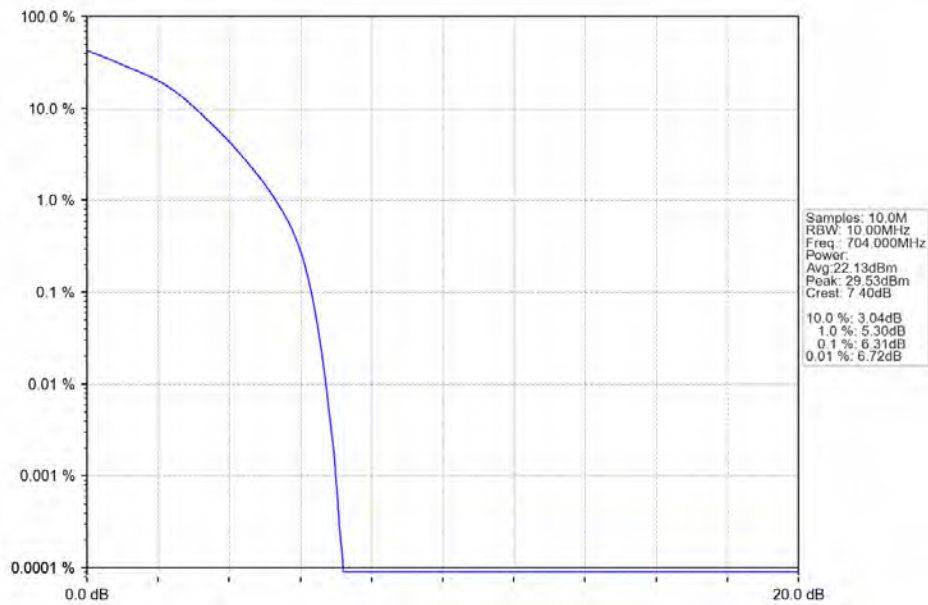
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



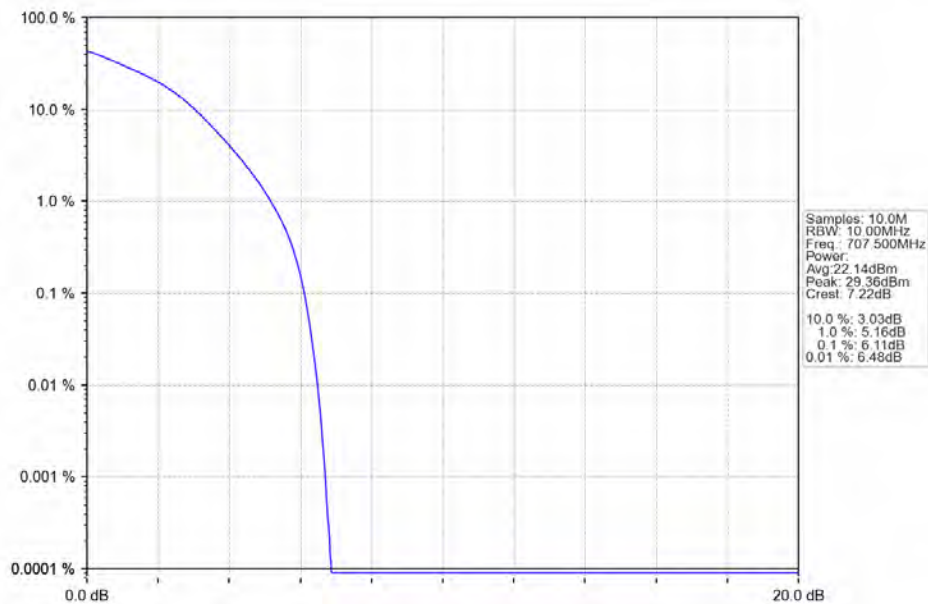
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



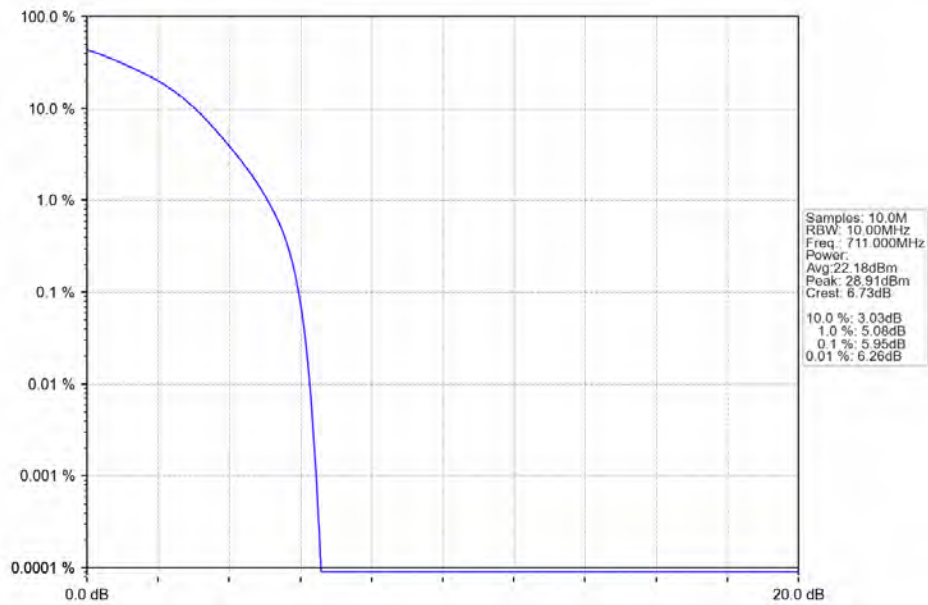
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12 10MHz 64QAM HCH 711MHz RB 50 0 NTNV



5. Spurious Emission

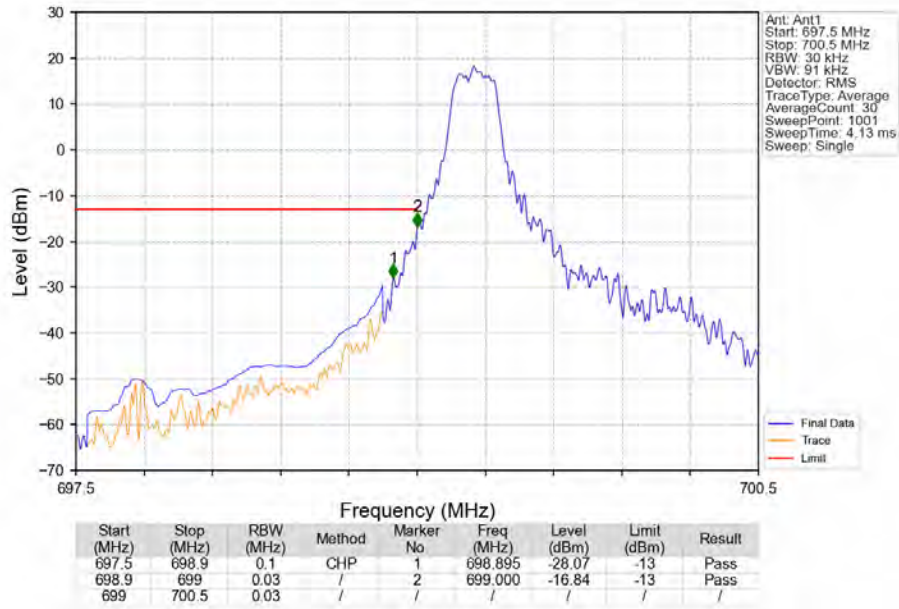
5.1 B12_1.4MHz

5.1.1 Test Result

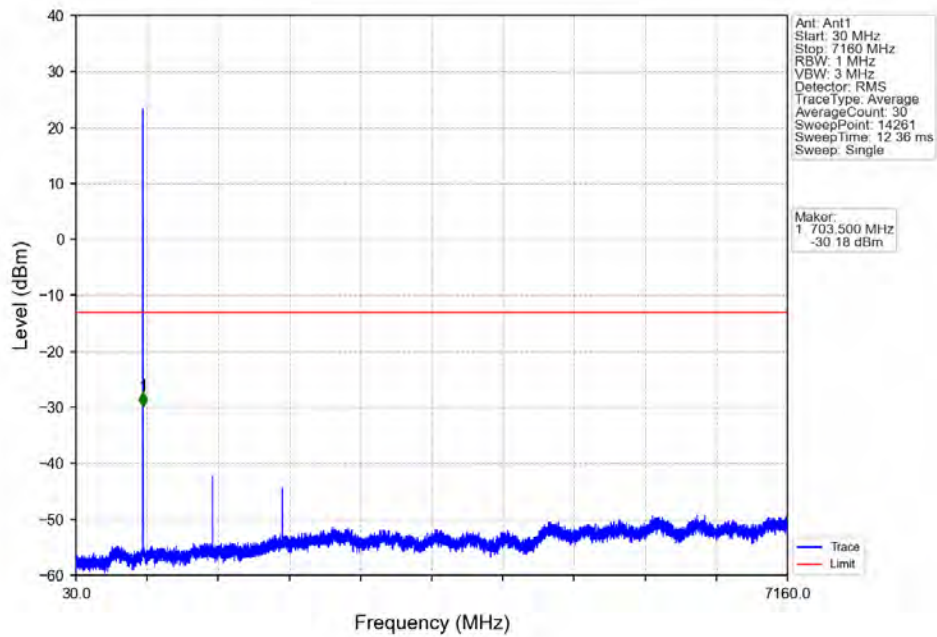
Band: 12 / Bandwidth: 1.4MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	699.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0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

5.1.2 Test Graph

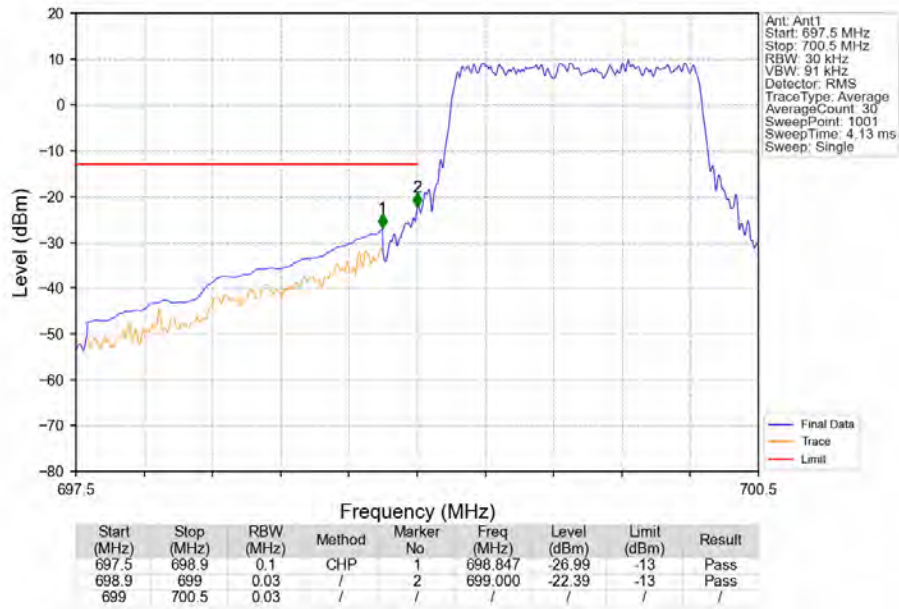
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



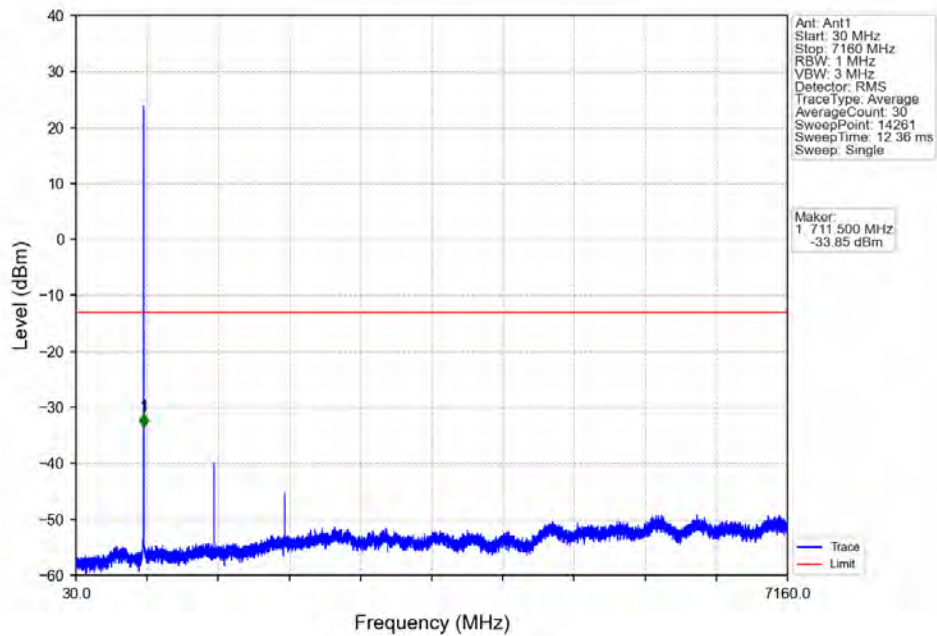
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



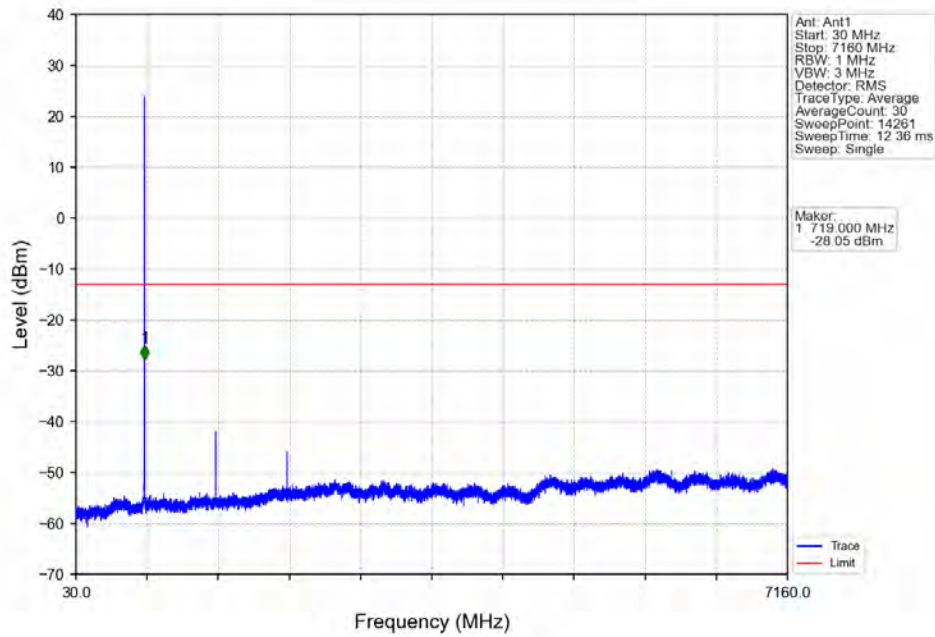
Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTNV



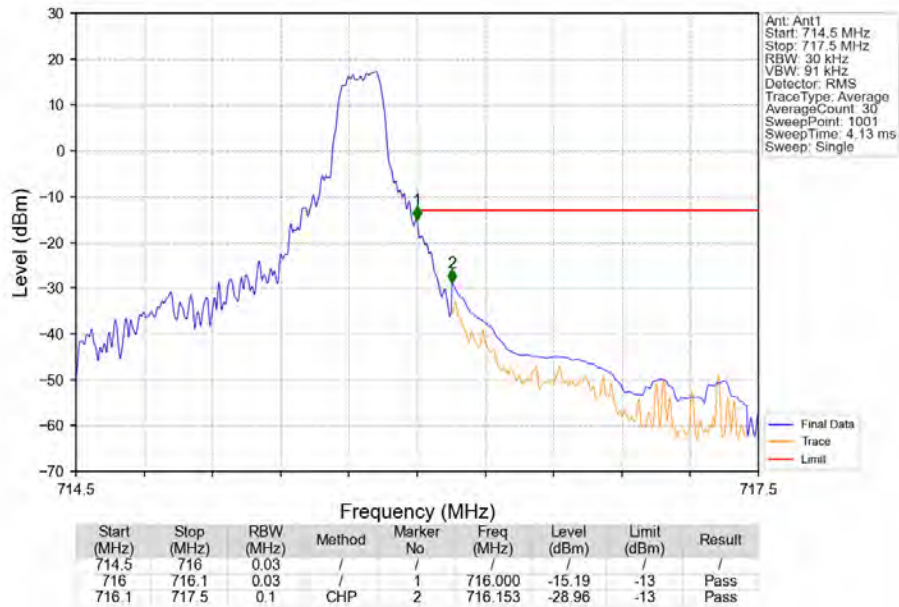
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



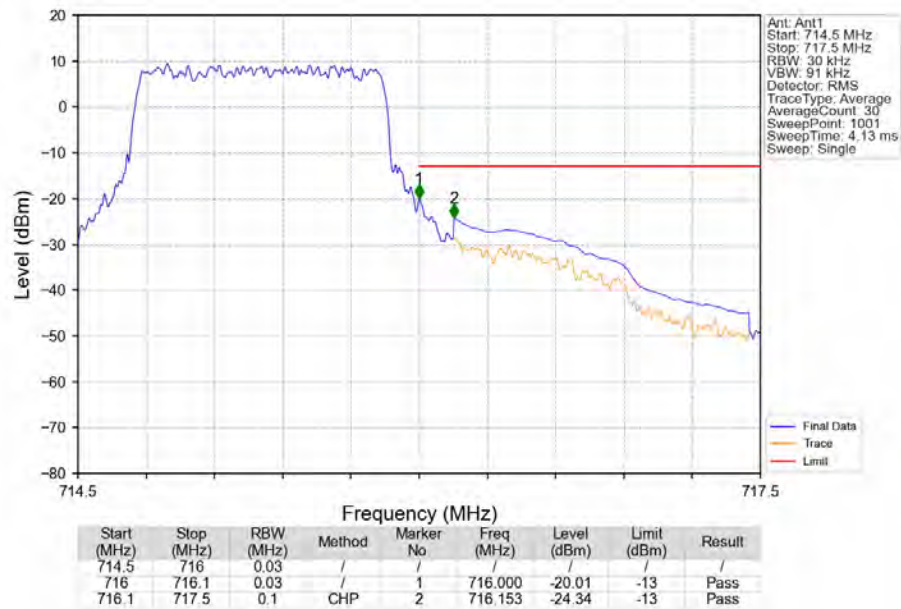
Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTNV



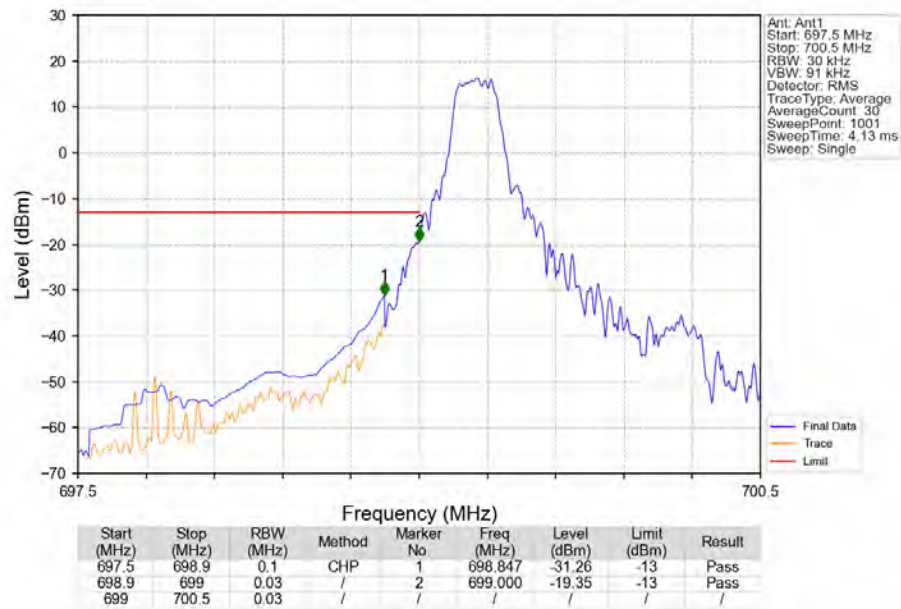
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



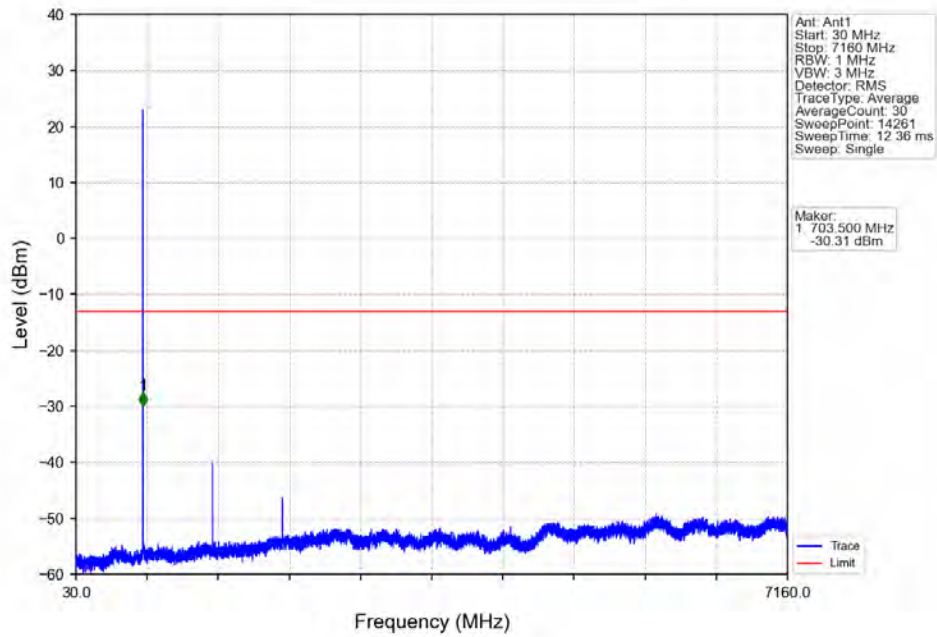
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



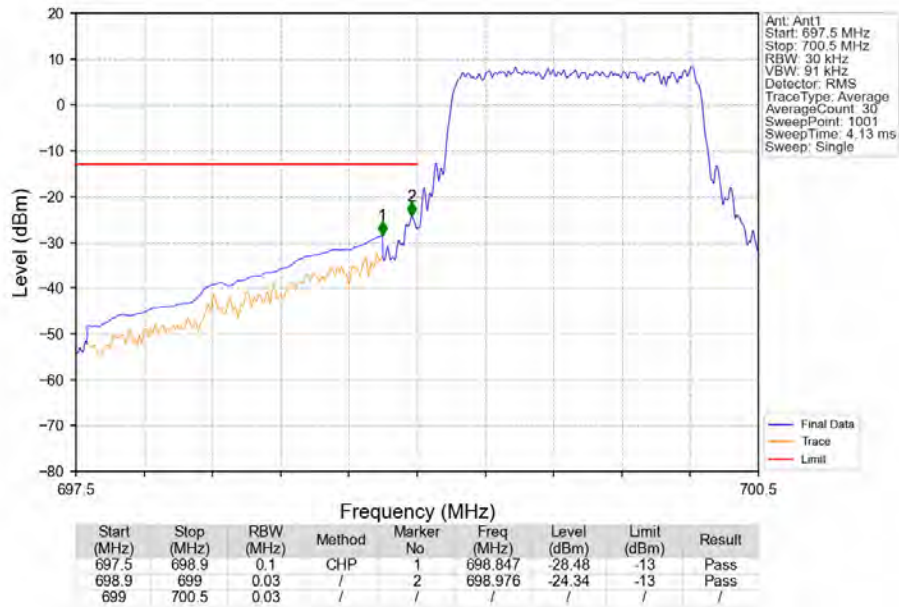
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



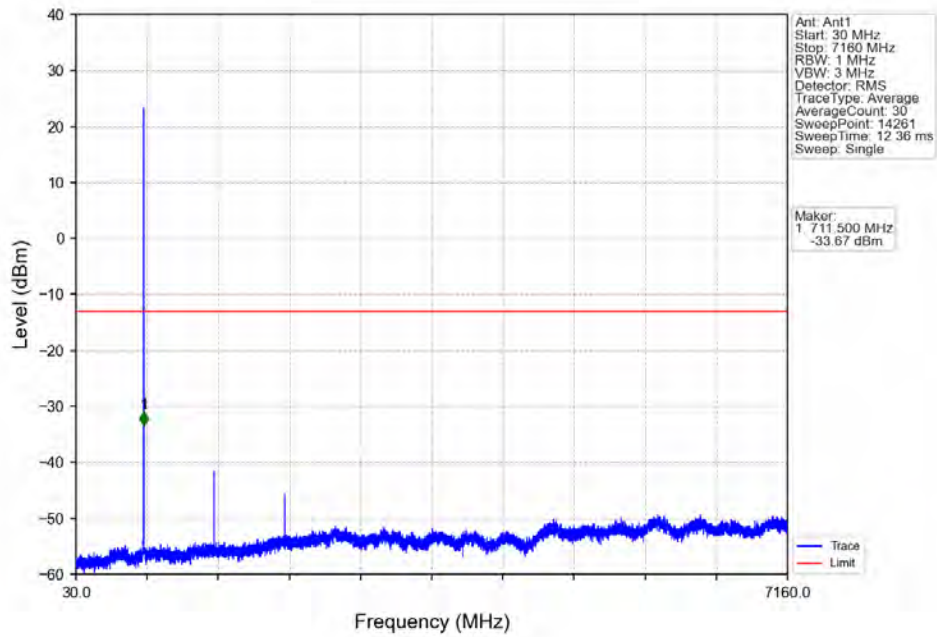
Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV



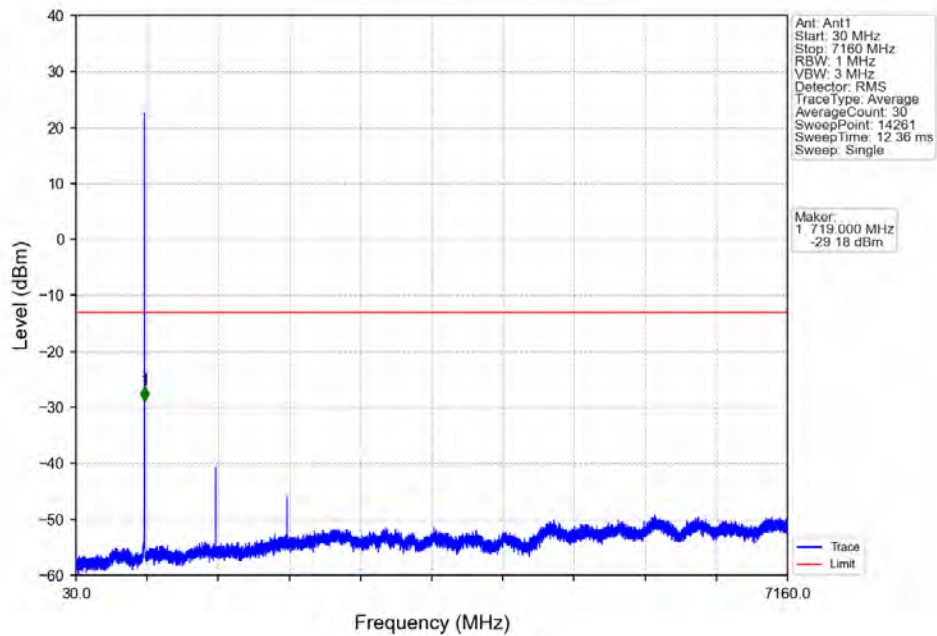
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



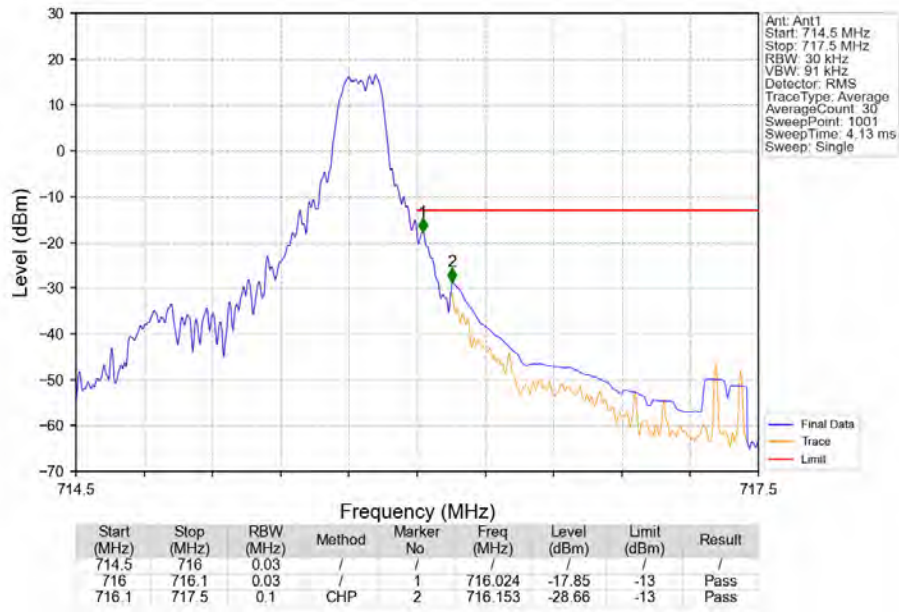
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTVN



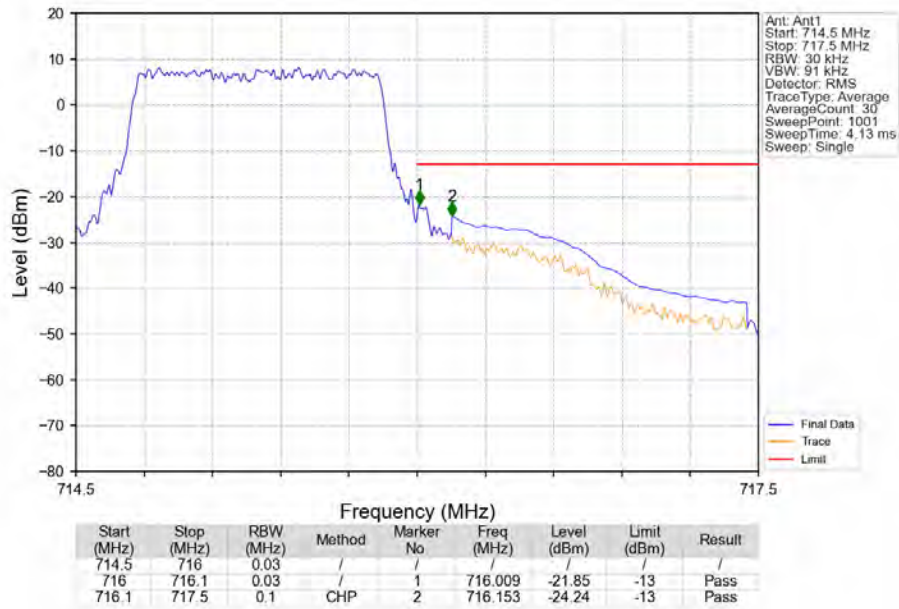
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTVN



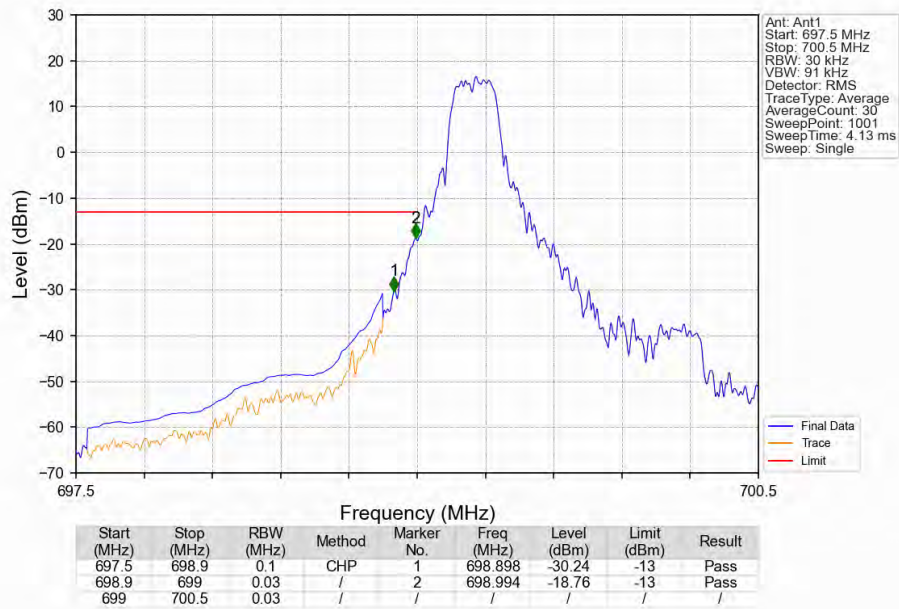
Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 5 NTNV



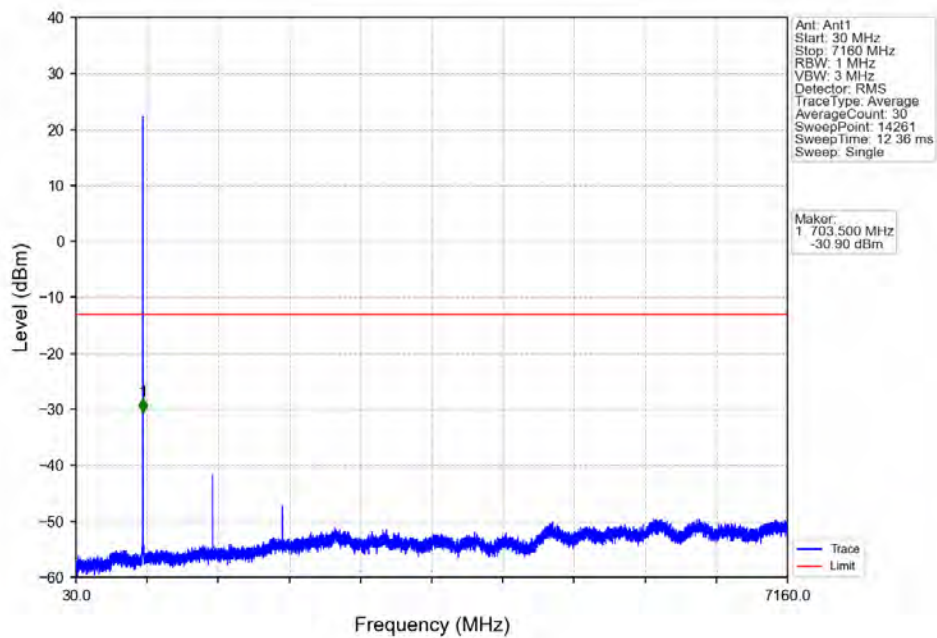
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



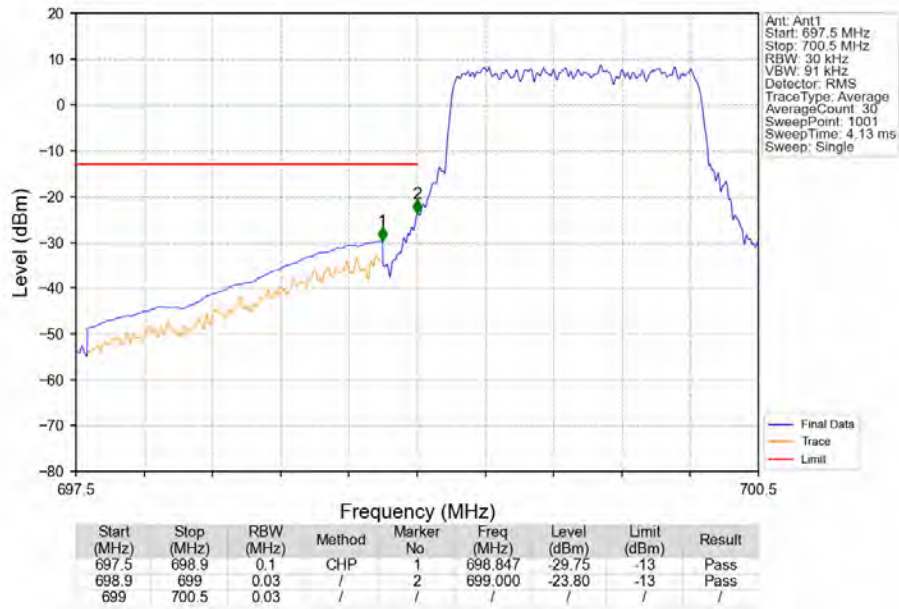
Band12 1.4MHz 64QAM LCH 699.7MHz RB 1 0 NTNV



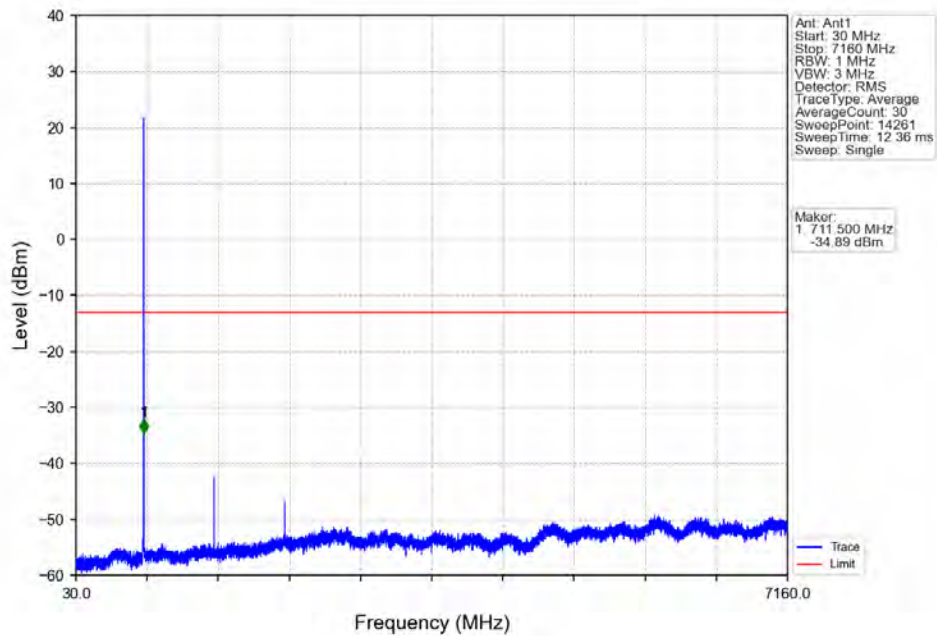
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV



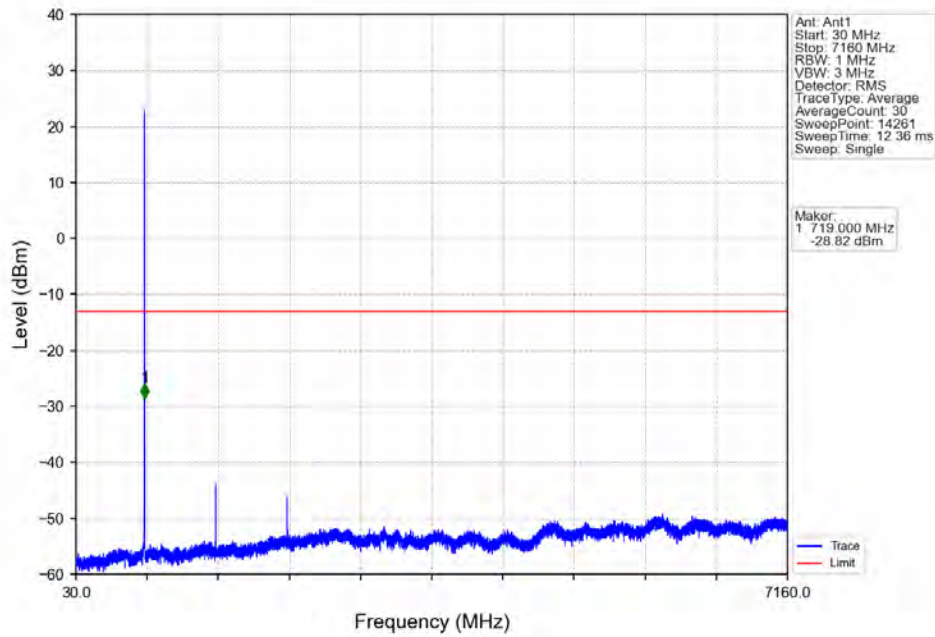
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



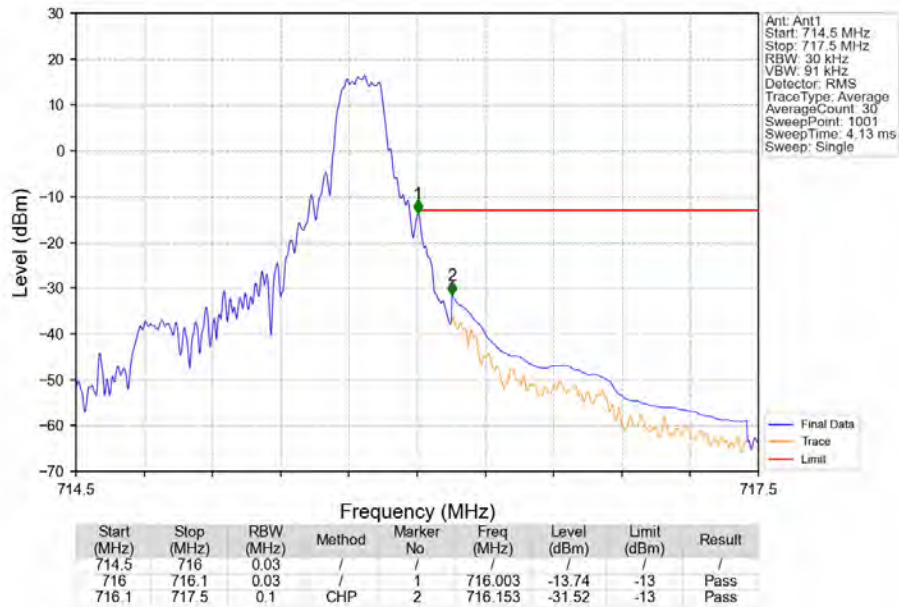
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



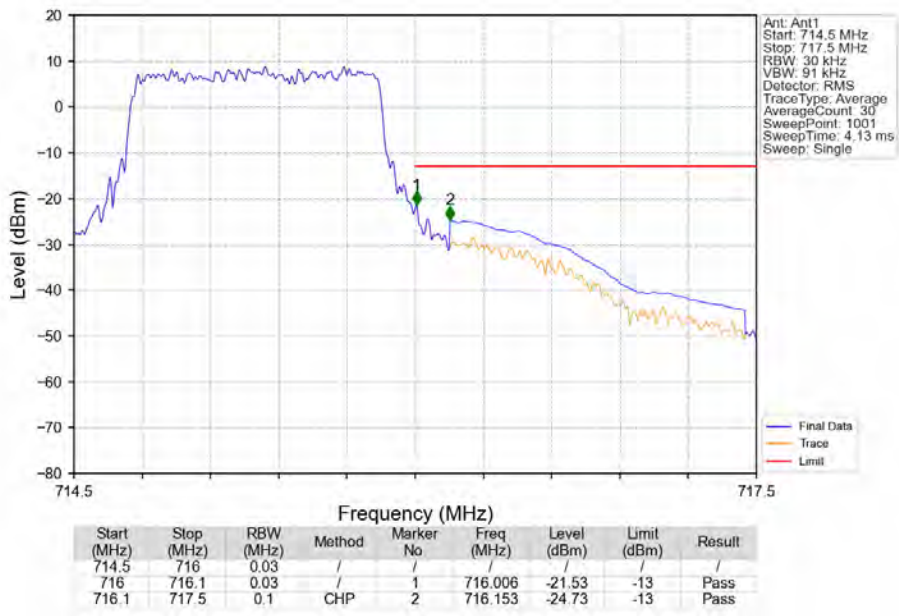
Band12 1.4MHz 64QAM HCH 715.3MHz RB 1 0 NTV



Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_1_5_NTV



Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTV



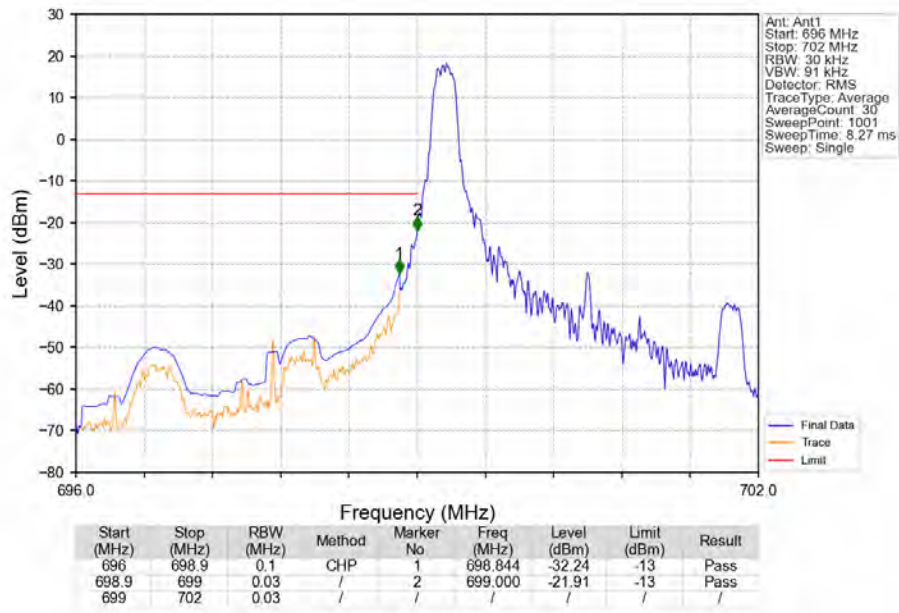
5.2 B12_3MHz

5.2.1 Test Result

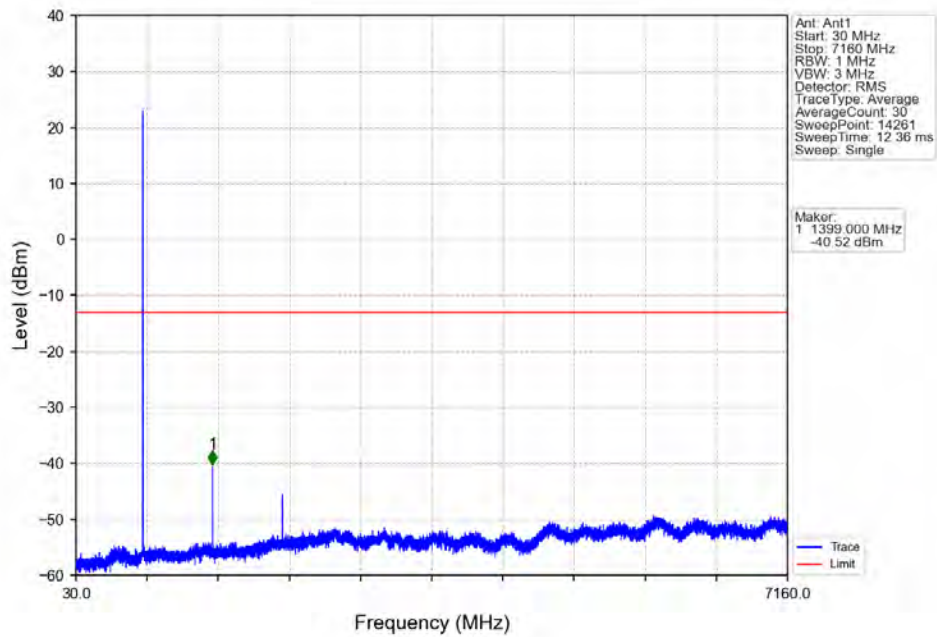
Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM			700.5	1	0	Refer To Test Graph
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
15	0			Refer To Test Graph		Pass
707.5	1		0	Refer To Test Graph		Pass
714.5	1		0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
	15		0	Refer To Test Graph		Pass

5.2.2 Test Graph

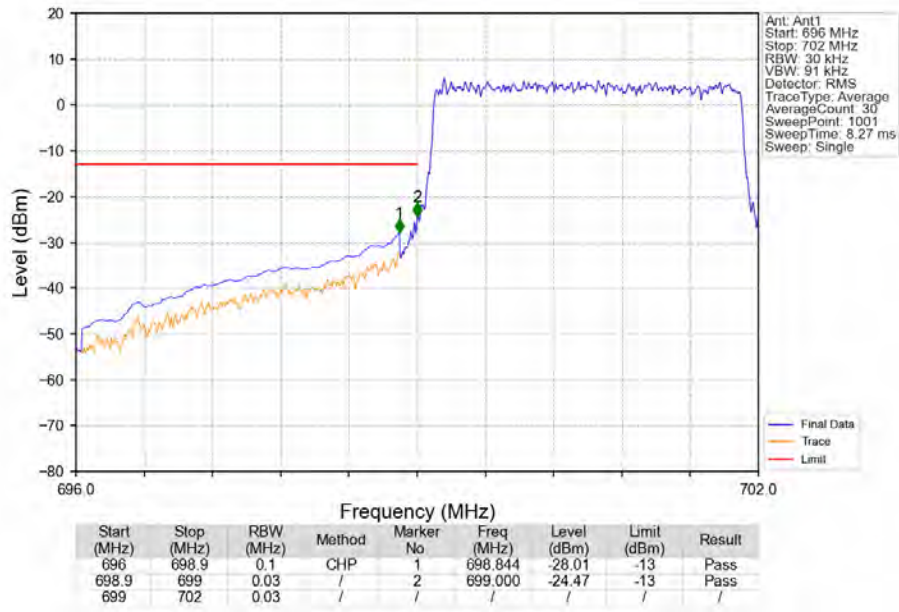
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



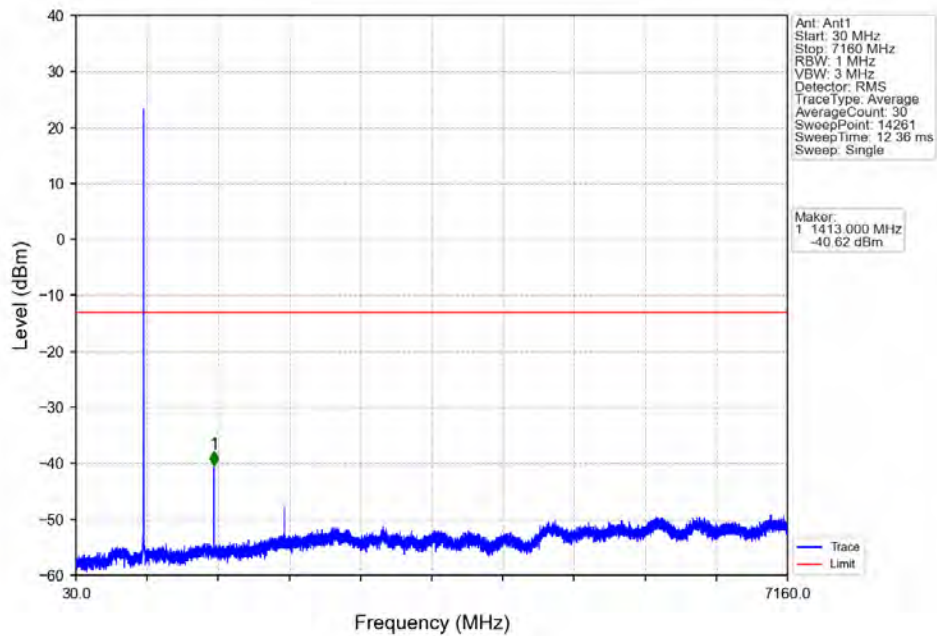
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



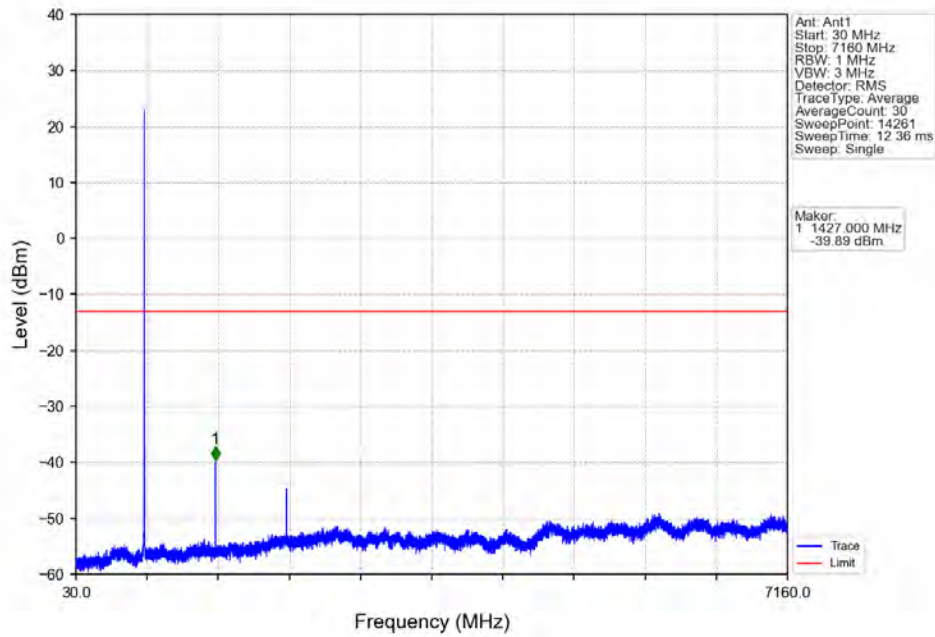
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTNV



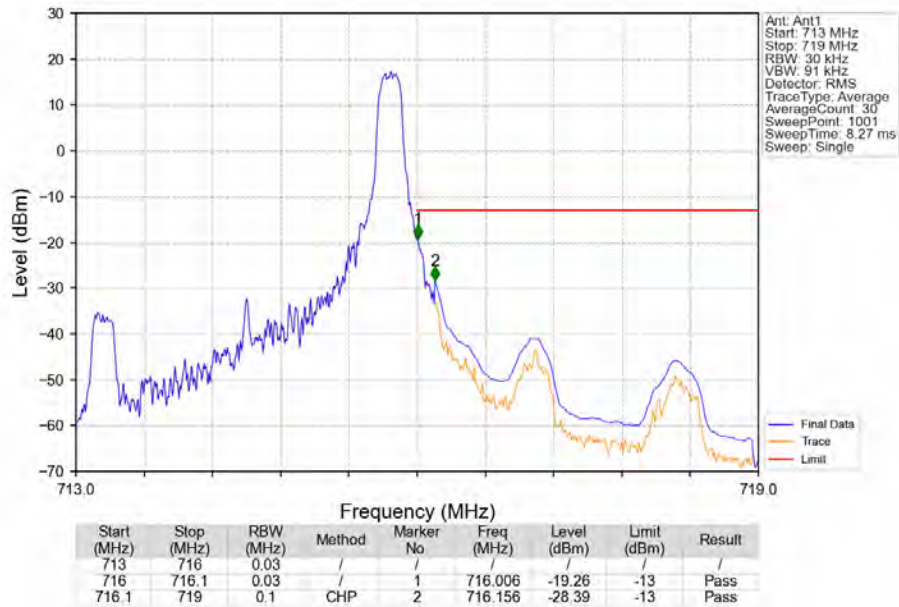
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



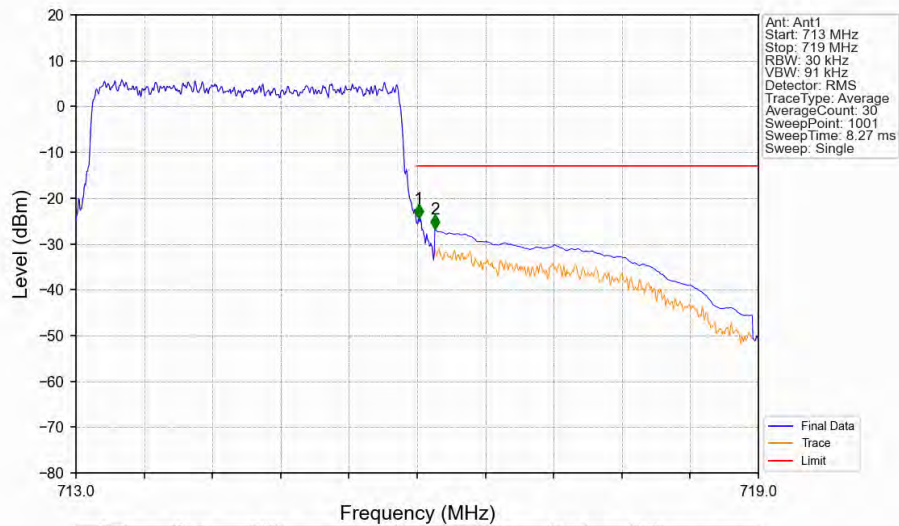
Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTNV



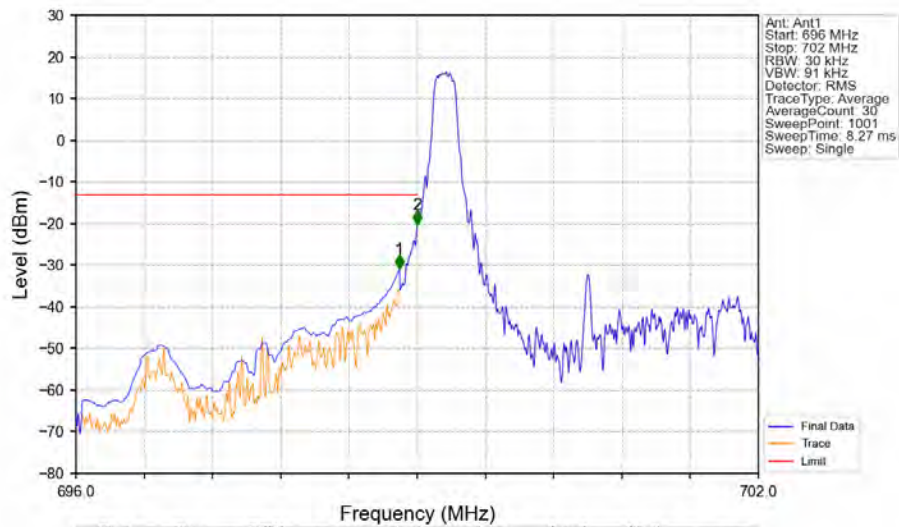
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



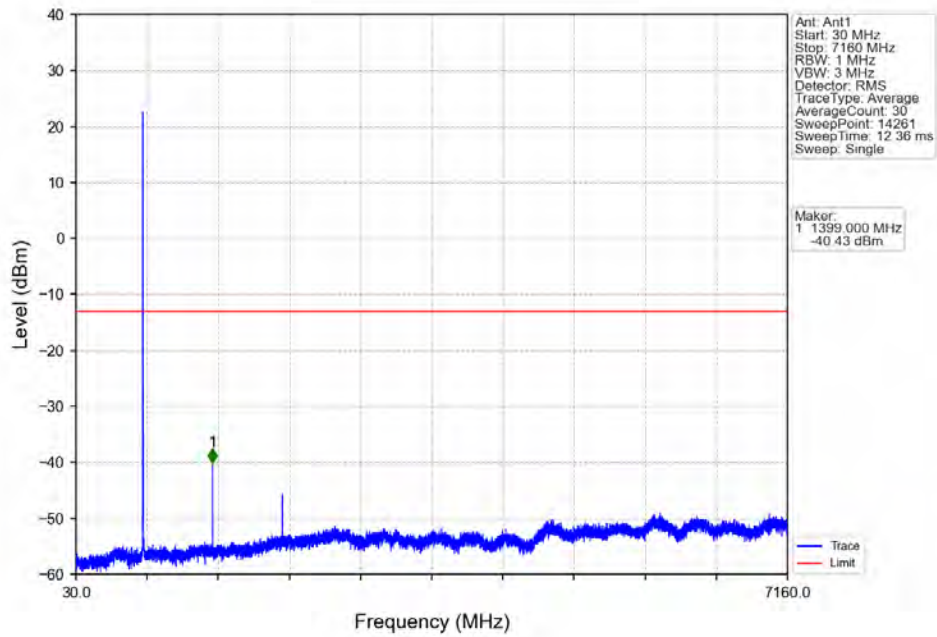
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



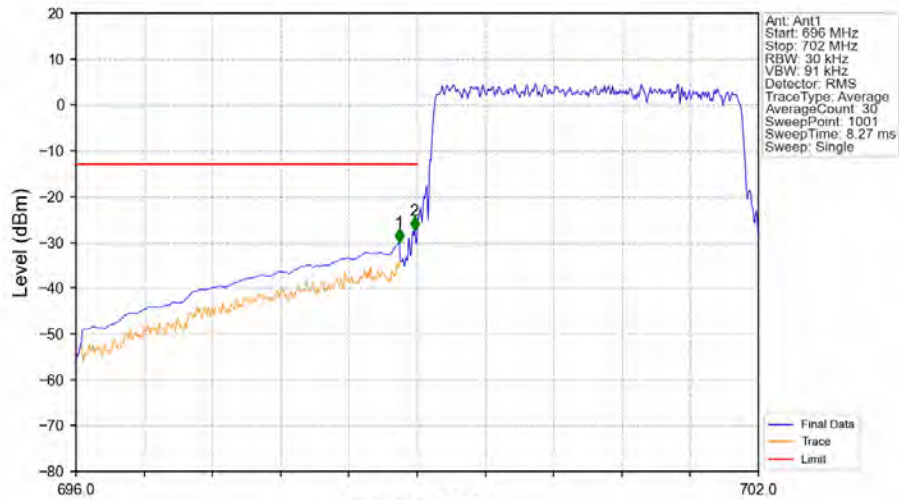
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

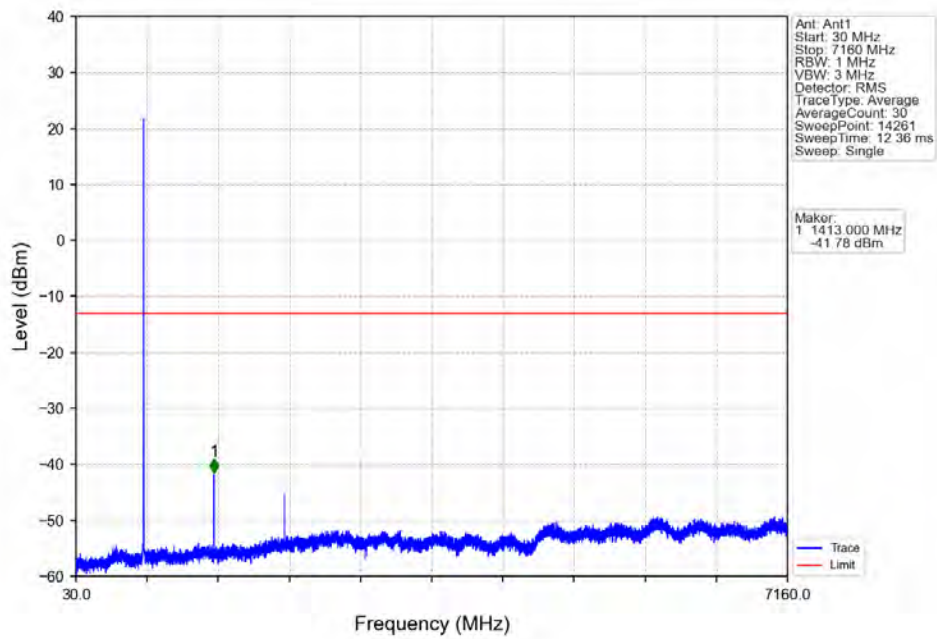


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

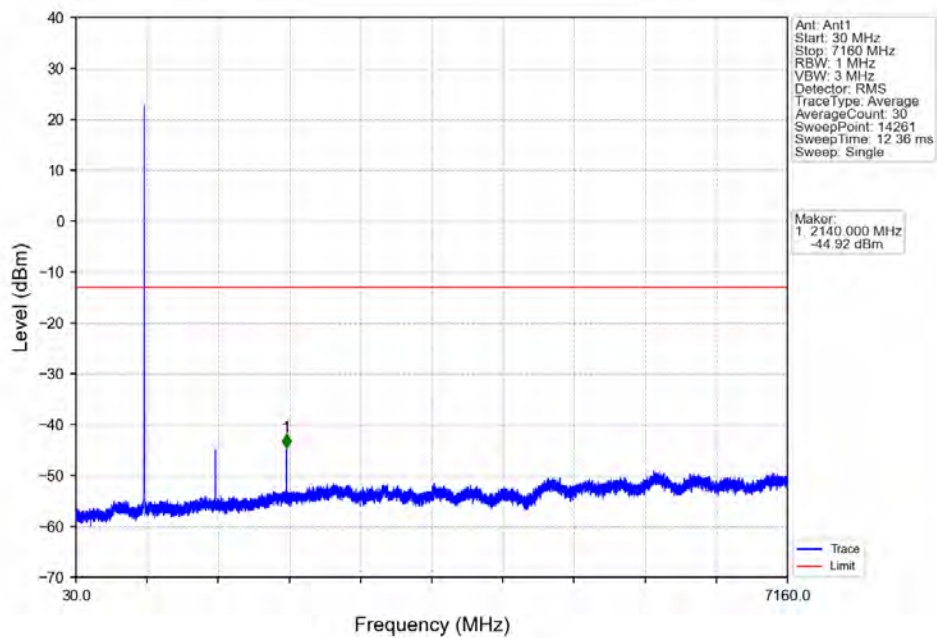


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-30.06	-13	Pass
698.9	699	0.03	/	2	698.976	-27.43	-13	Pass
699	702	0.03	/	/	/	/	/	/

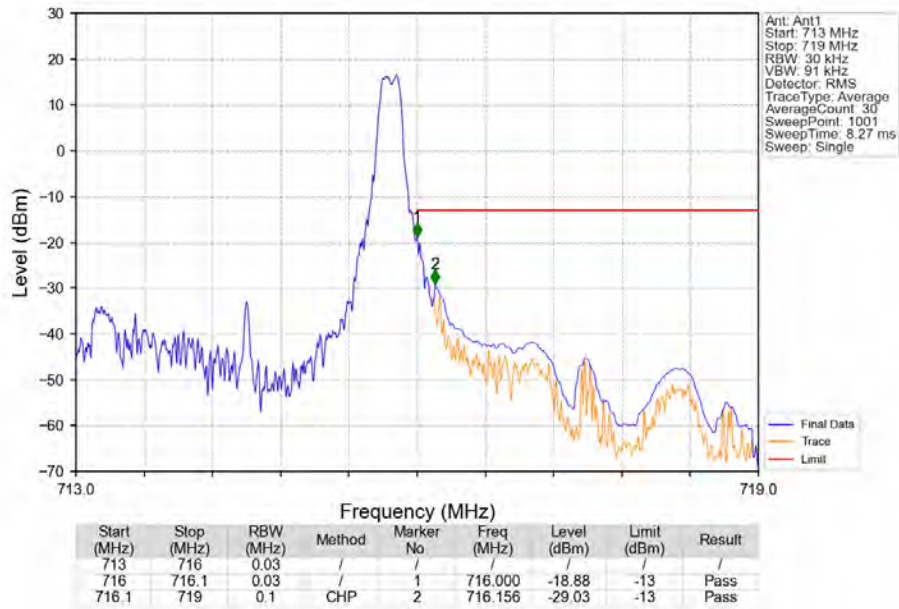
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



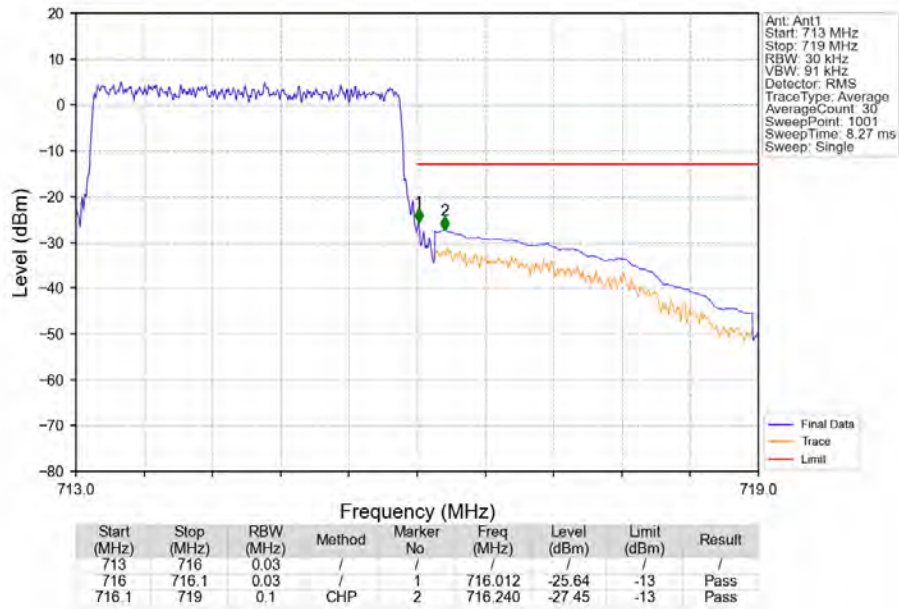
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



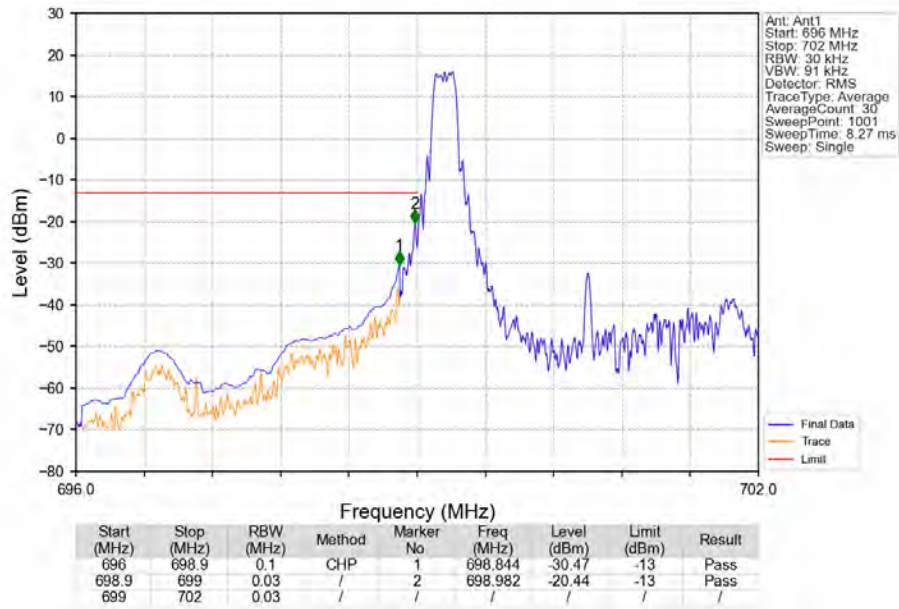
Band12 3MHz 16QAM HCH 714.5MHz RB 1 14 NTV



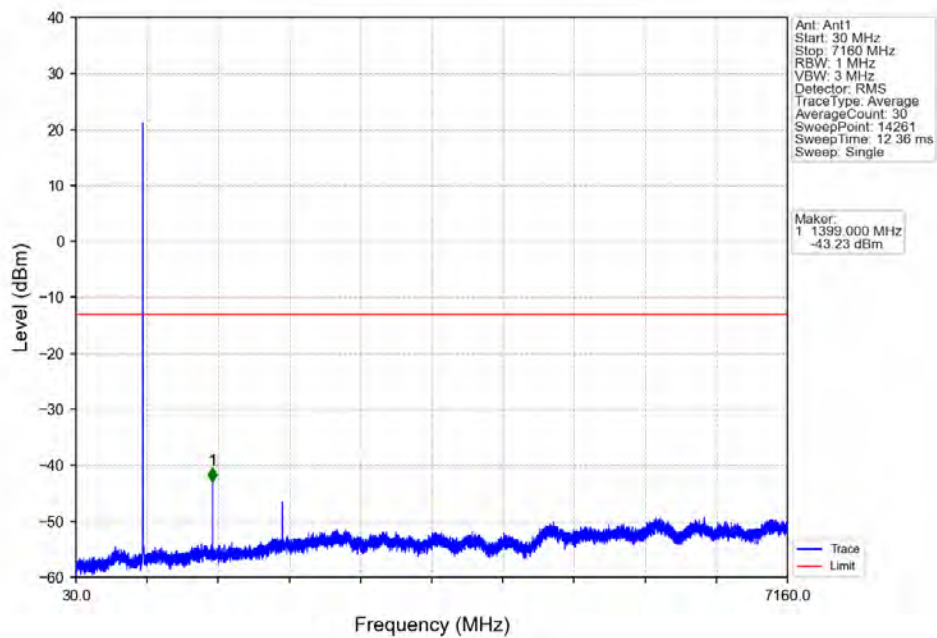
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTV



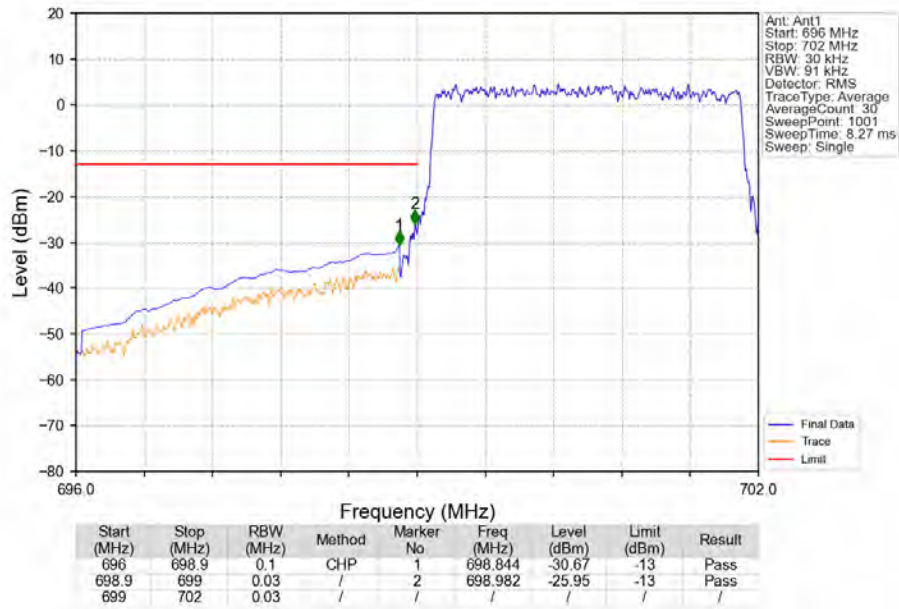
Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



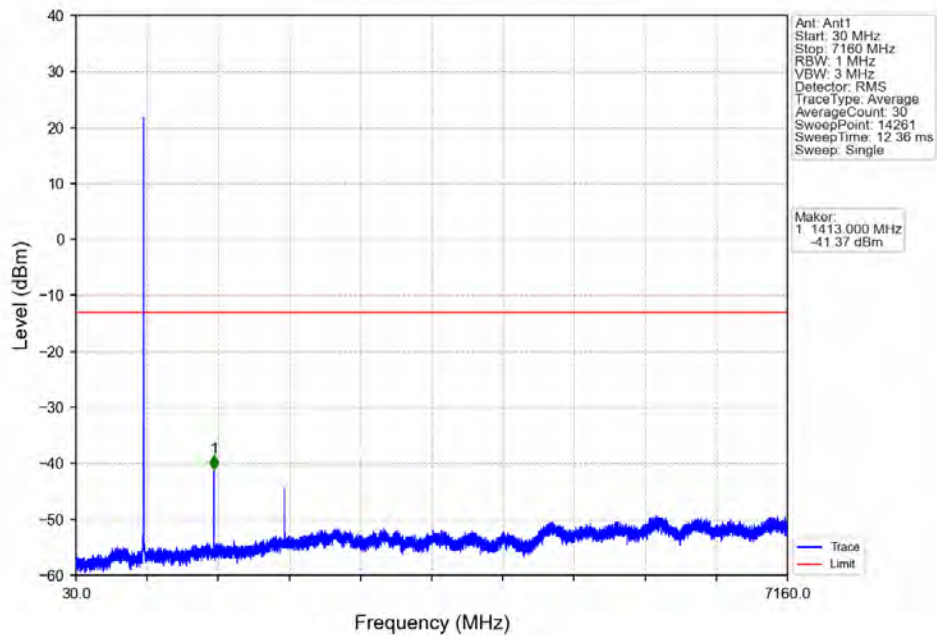
Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



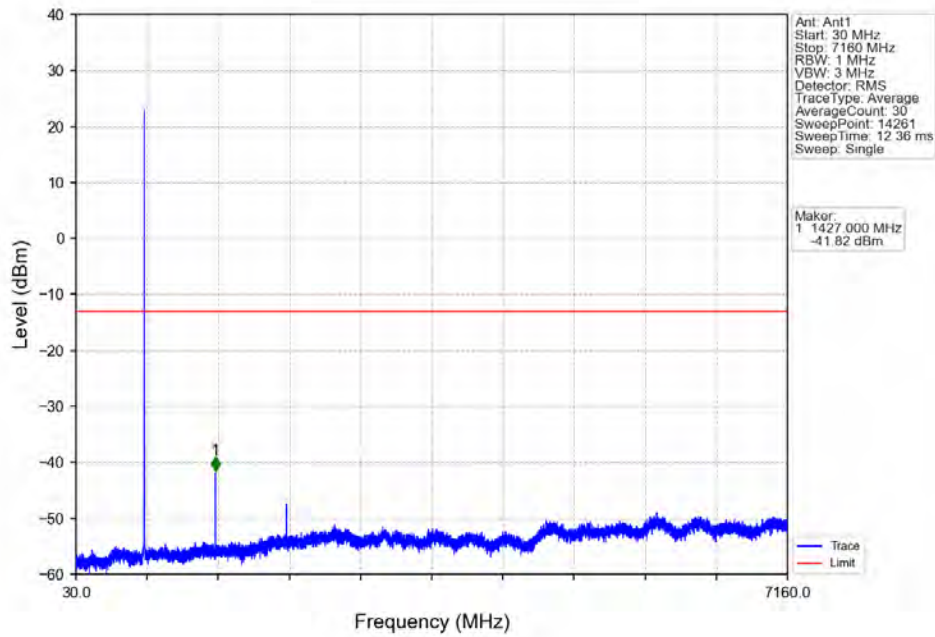
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



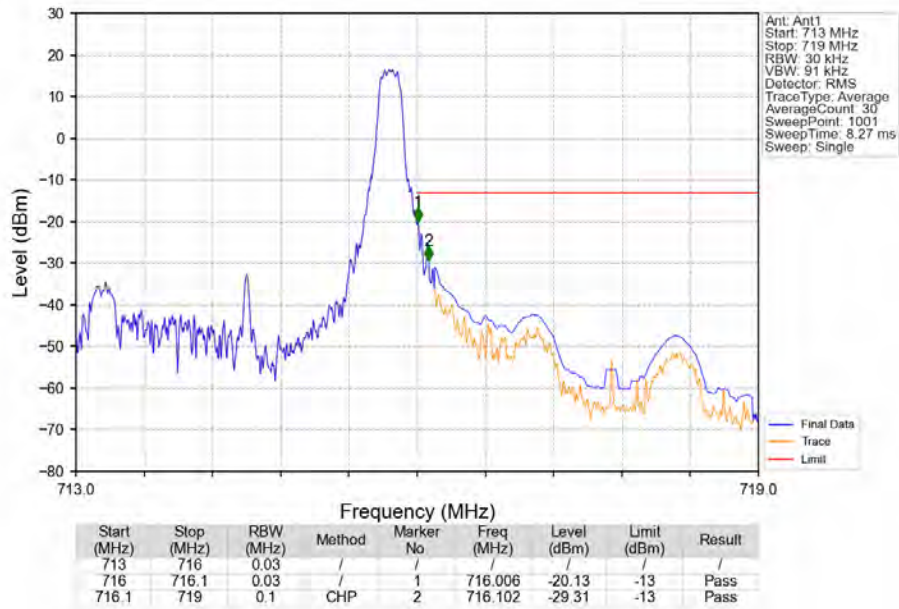
Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



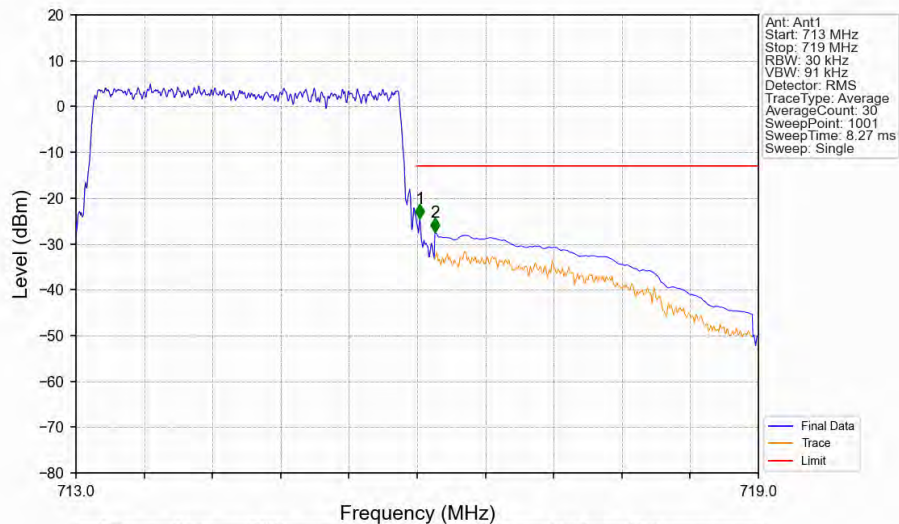
Band12 3MHz 64QAM HCH 714.5MHz RB 1 0 NTV



Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_14_NTV



Band12 3MHz 64QAM HCH 714.5MHz RB 15 0 NTN



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	716.024	-24.39	-13	Pass
716.1	719	0.1	CHP	2	716.156	-27.52	-13	Pass

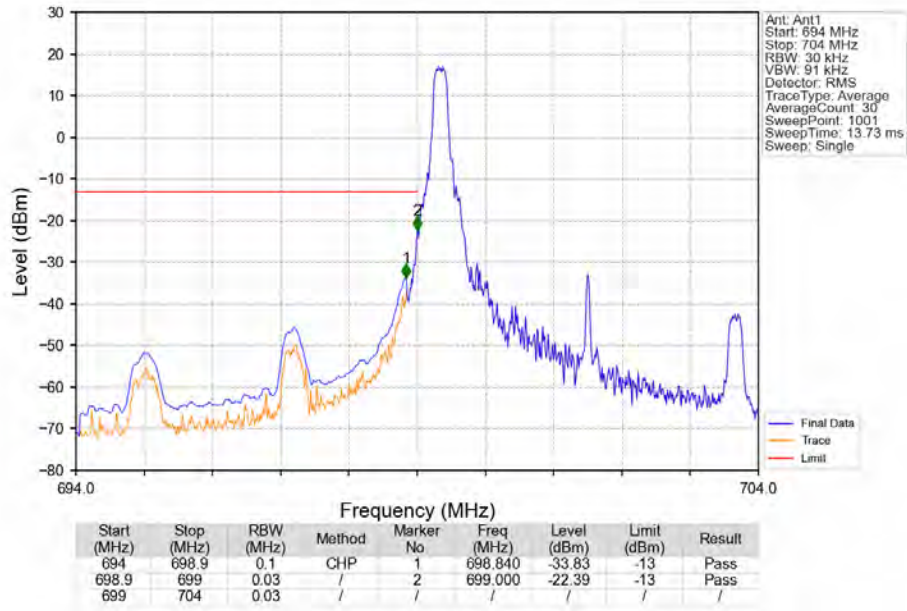
5.3 B12_5MHz

5.3.1 Test Result

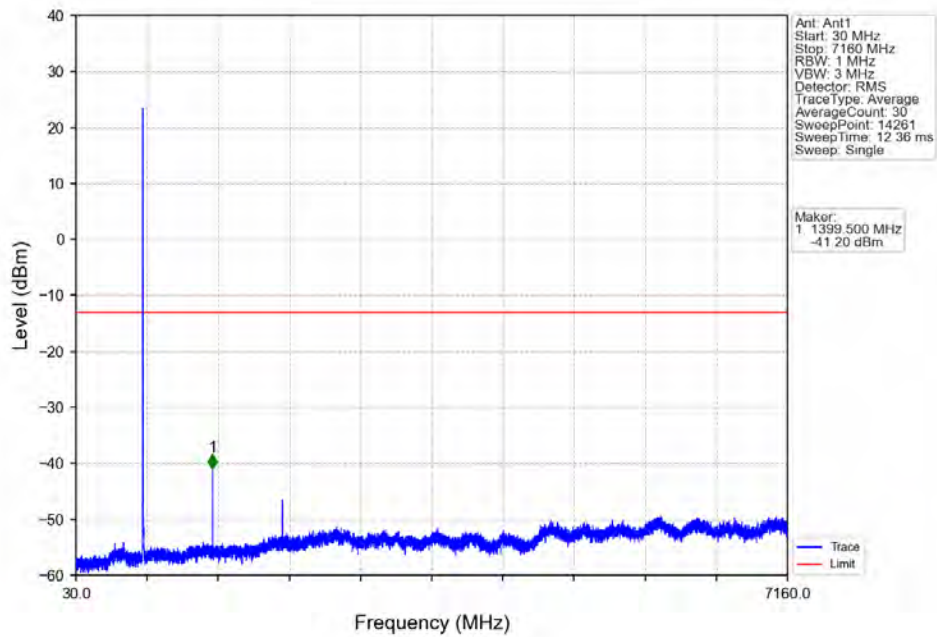
Band: 12 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	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
	713.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.3.2 Test Graph

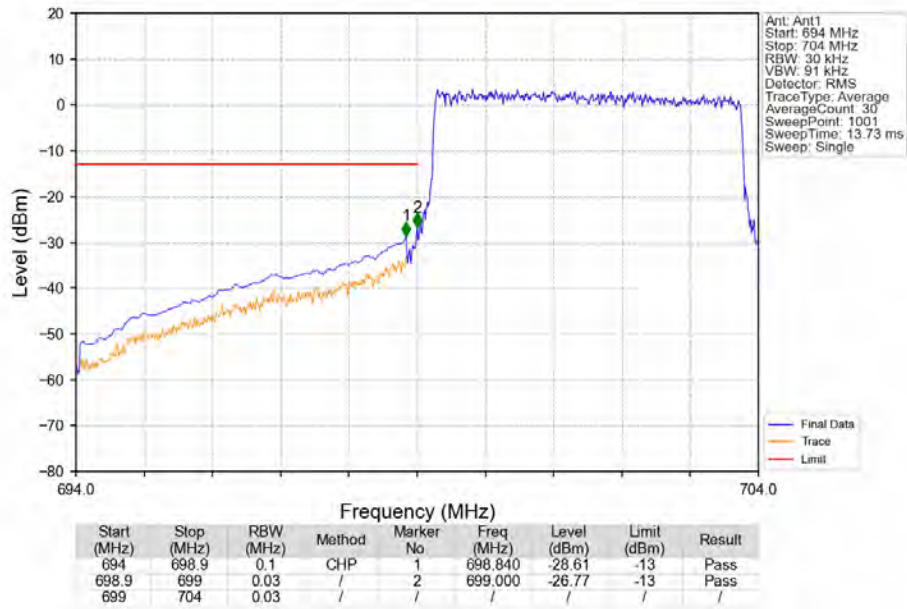
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



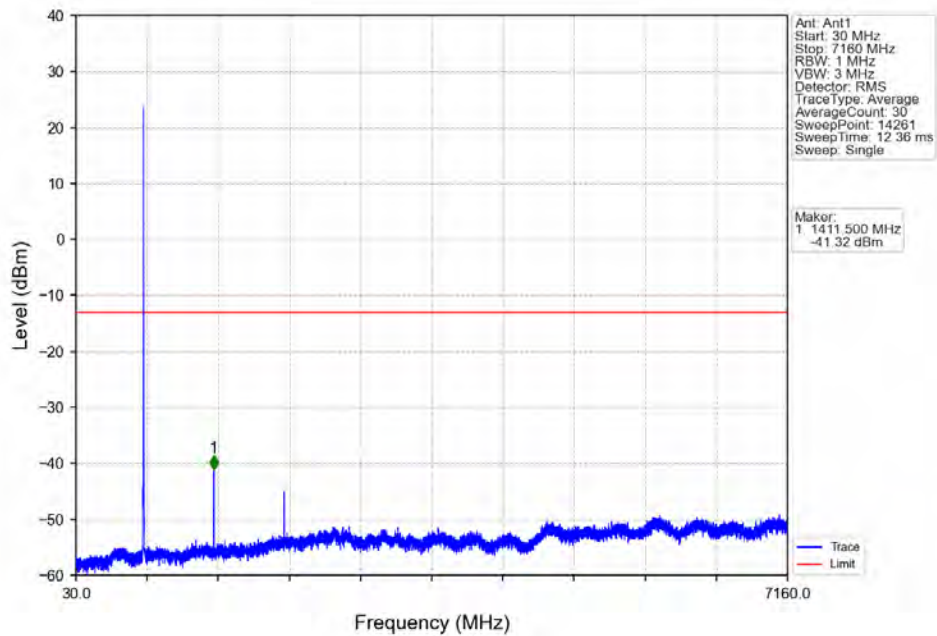
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



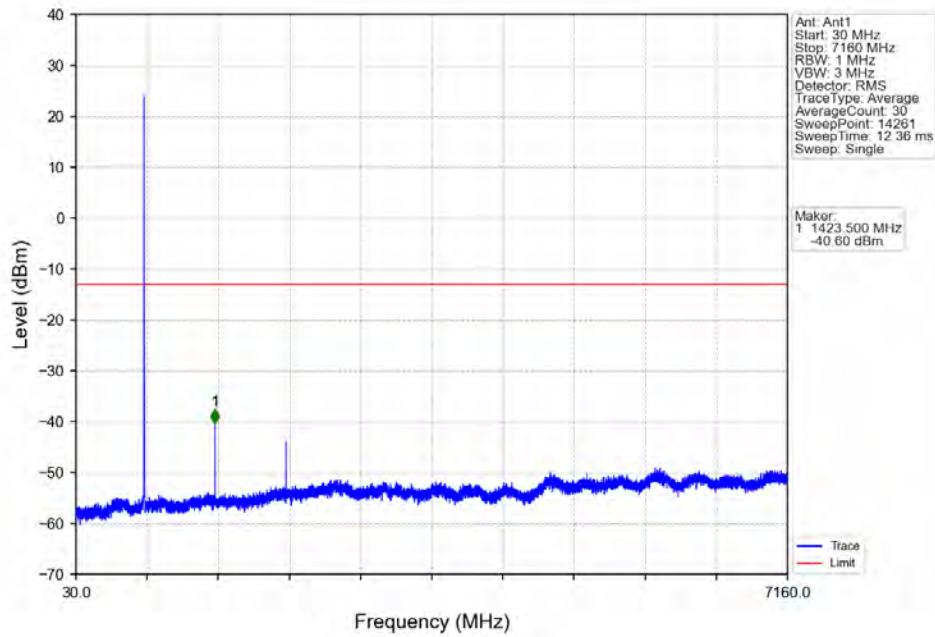
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



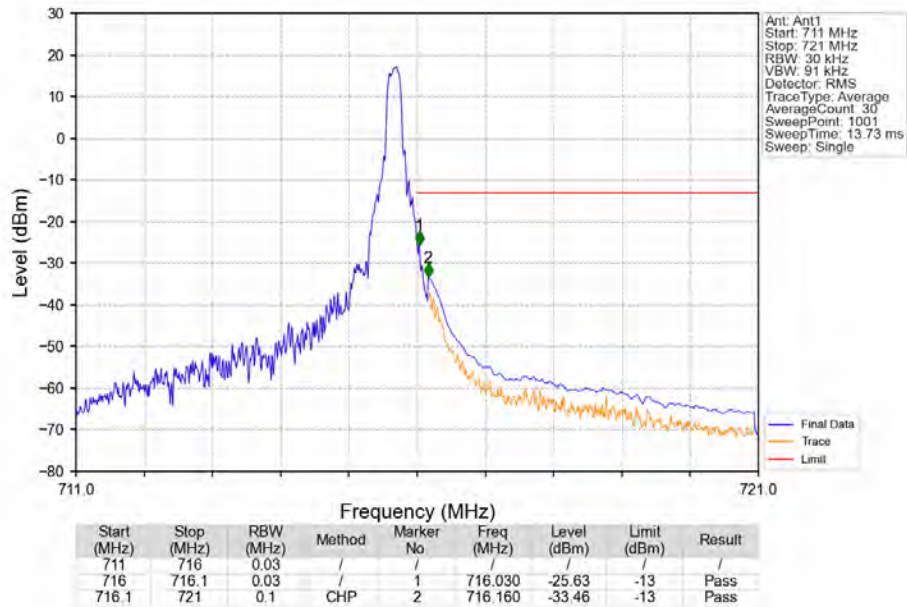
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



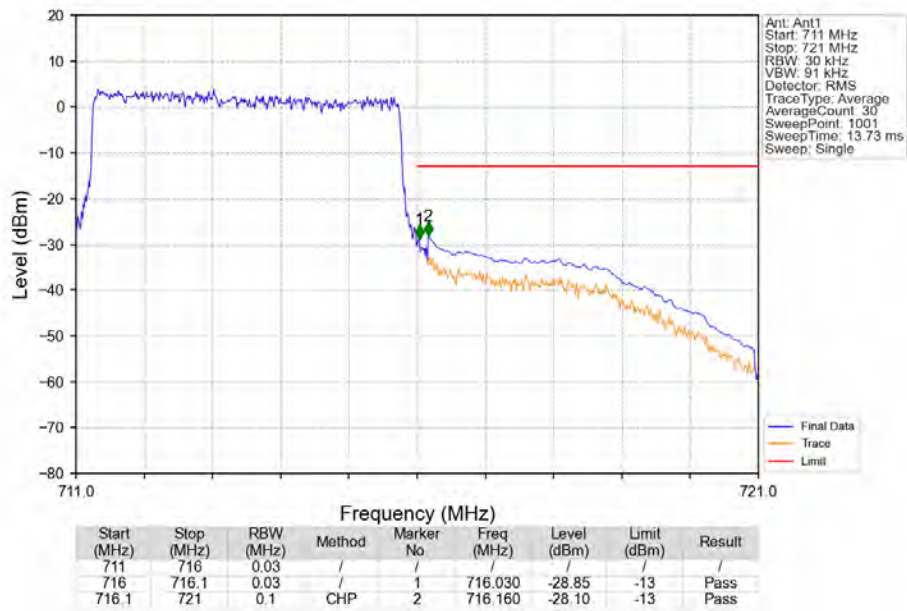
Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTNV



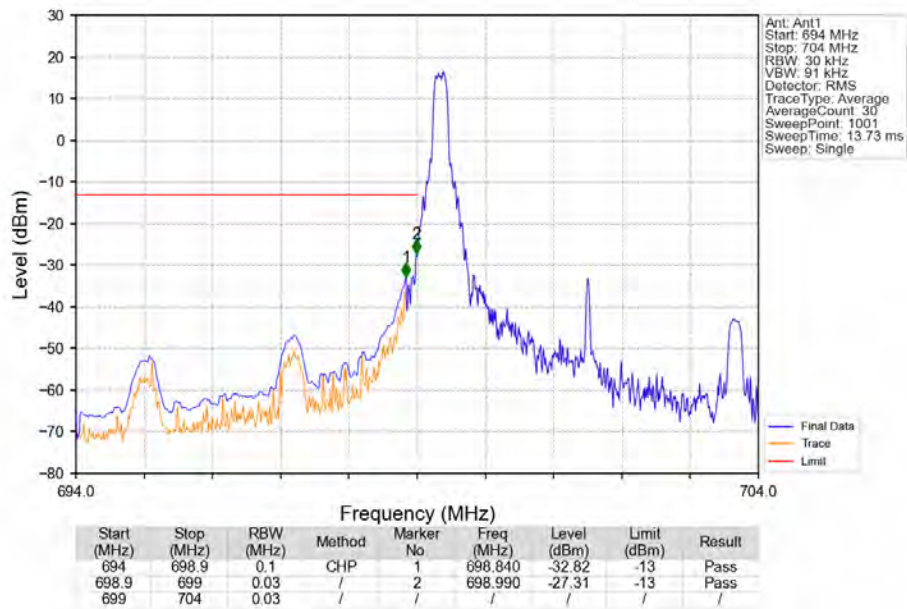
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



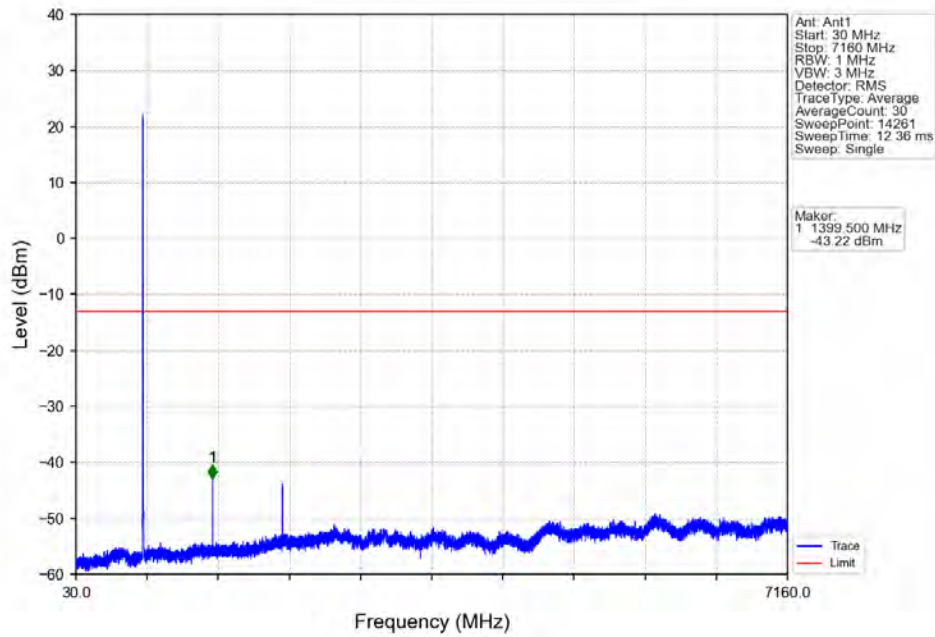
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



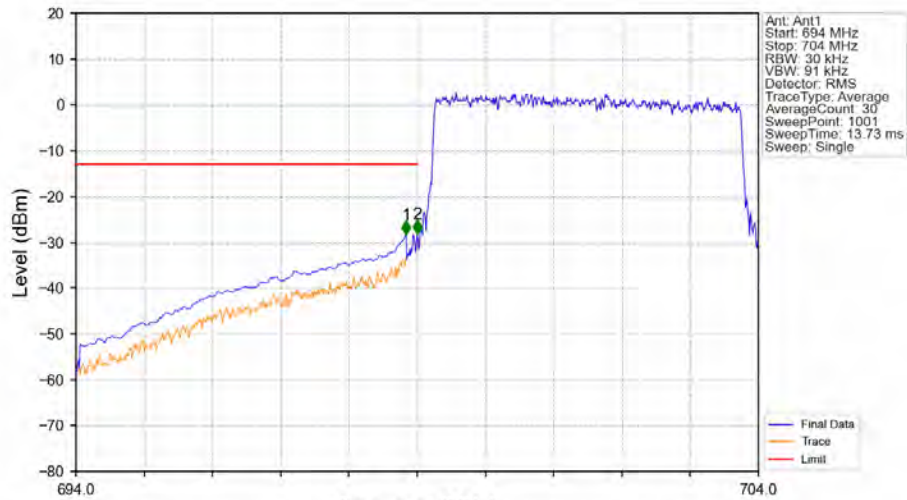
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTV

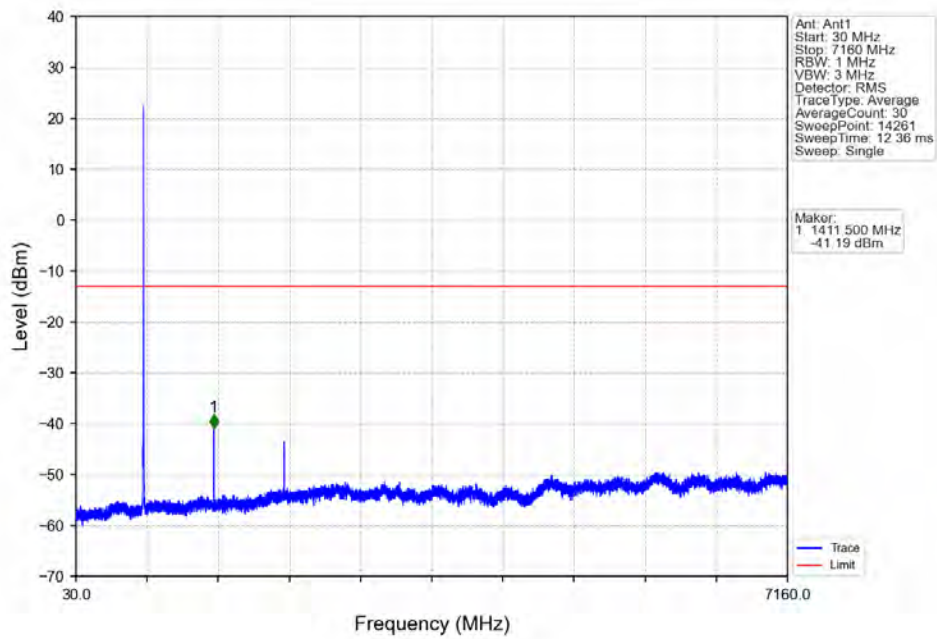


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTV

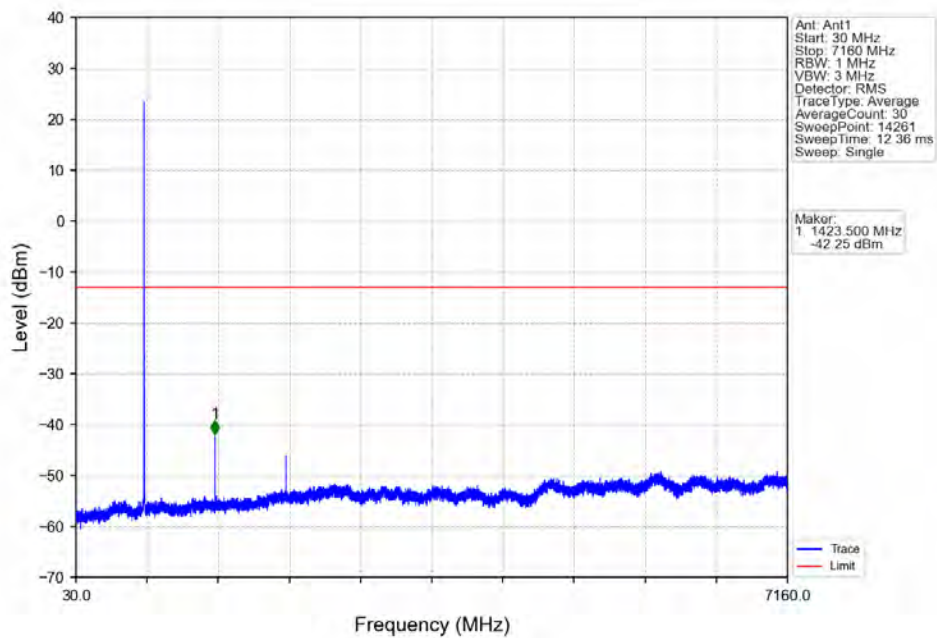


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-28.33	-13	Pass
698.9	699	0.03	/	2	699.000	-28.22	-13	Pass
699	704	0.03	/	/	/	/	/	/

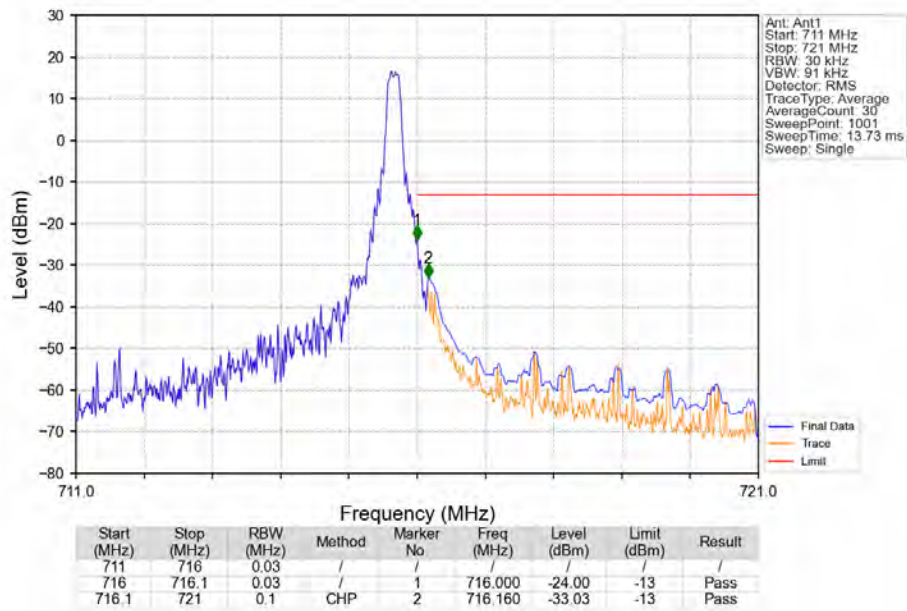
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



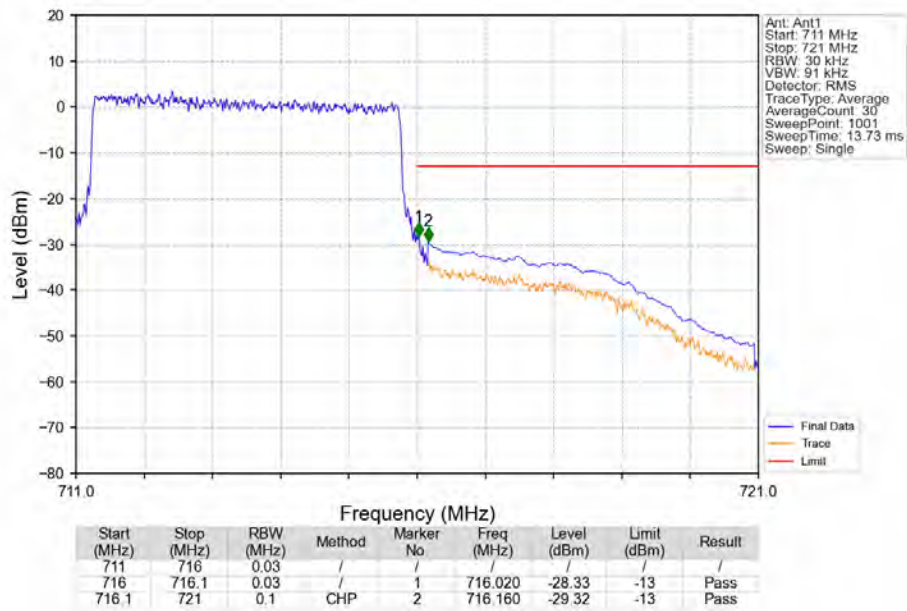
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTV



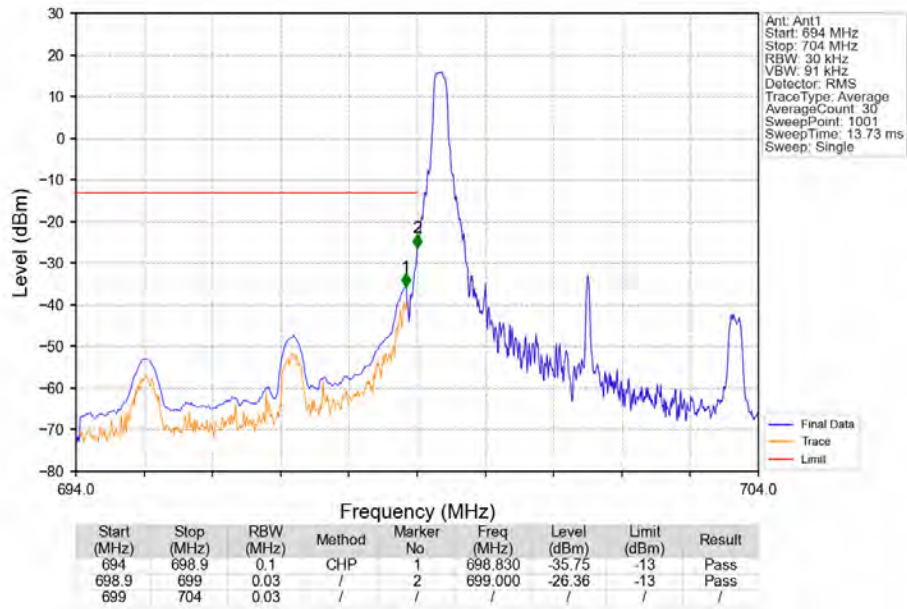
Band12 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



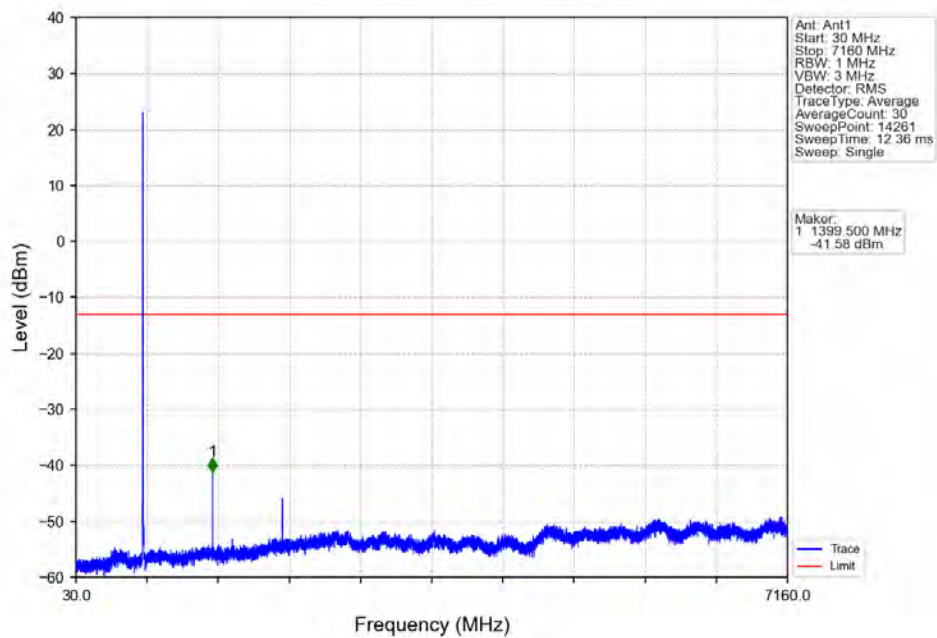
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



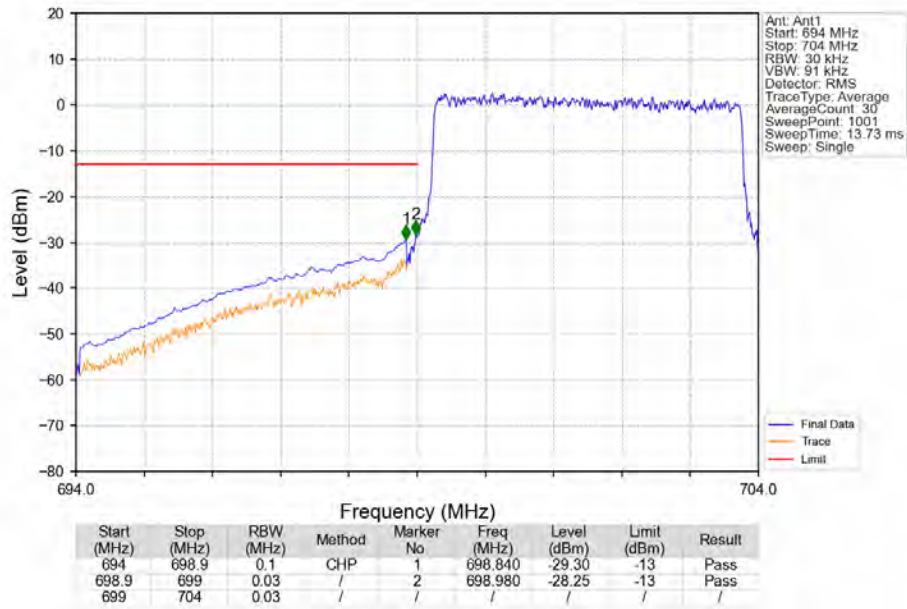
Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV



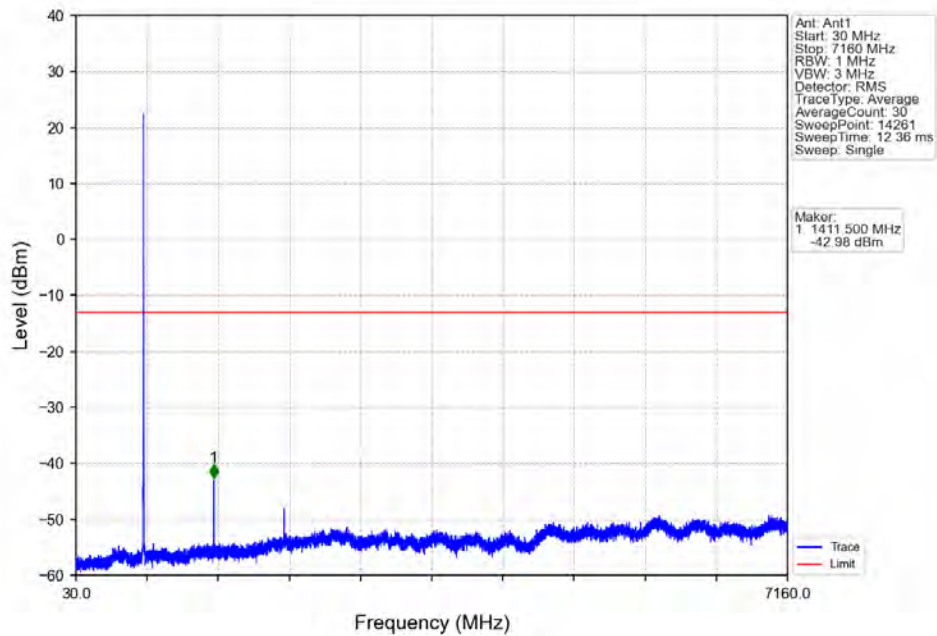
Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV



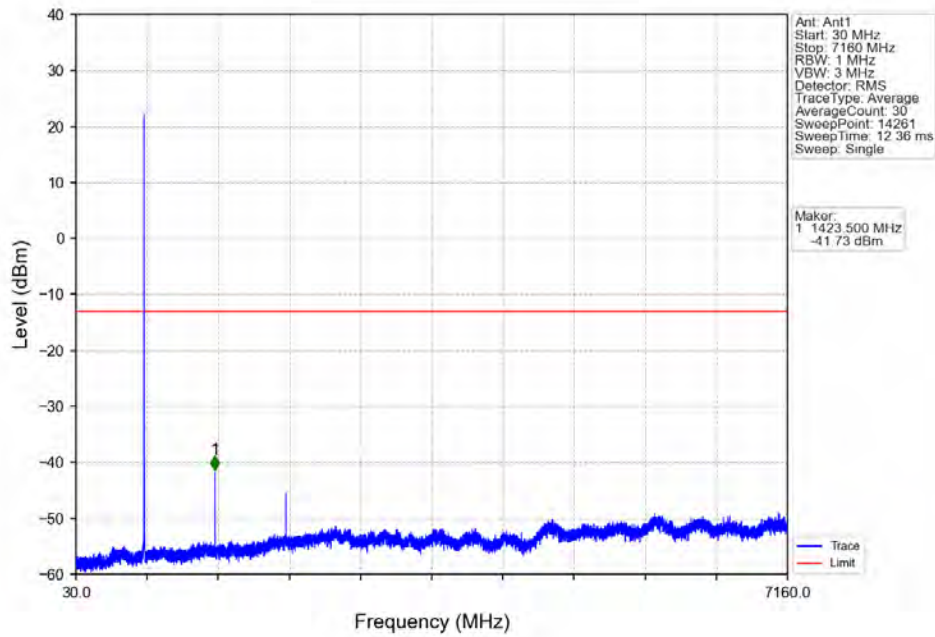
Band12 5MHz 64QAM LCH 701.5MHz RB 25 0 NTNV



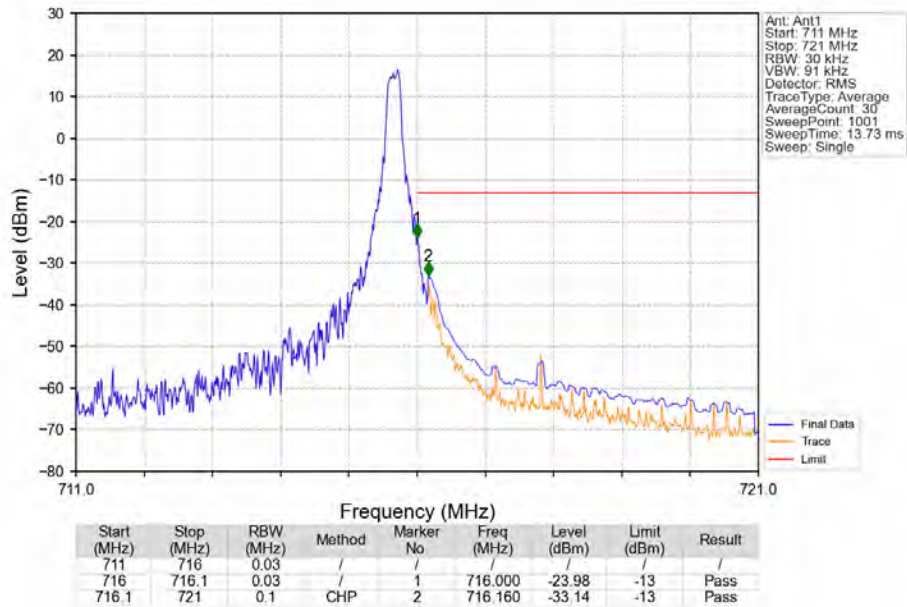
Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



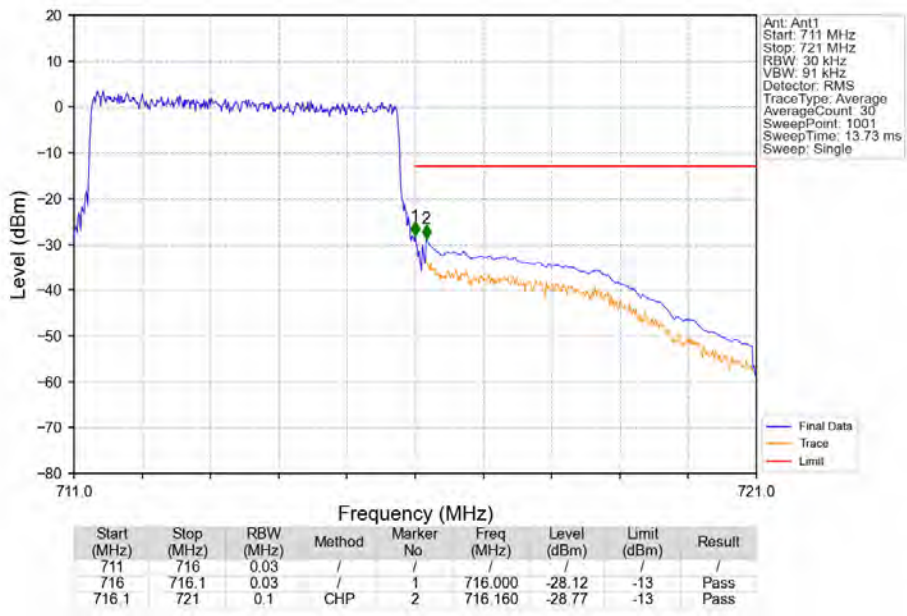
Band12 5MHz 64QAM HCH 713.5MHz RB 1 0 NTV



Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTV



Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTN



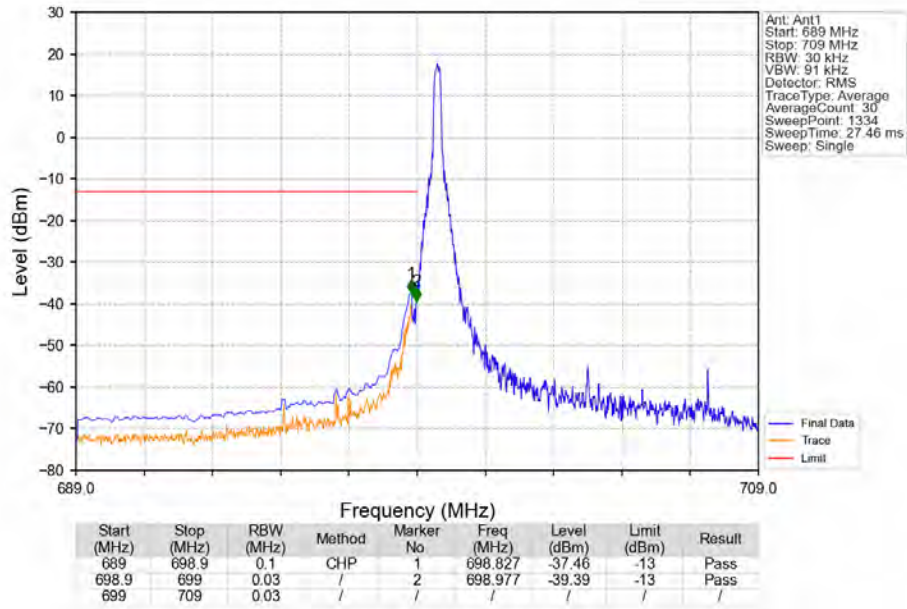
5.4 B12_10MHz

5.4.1 Test Result

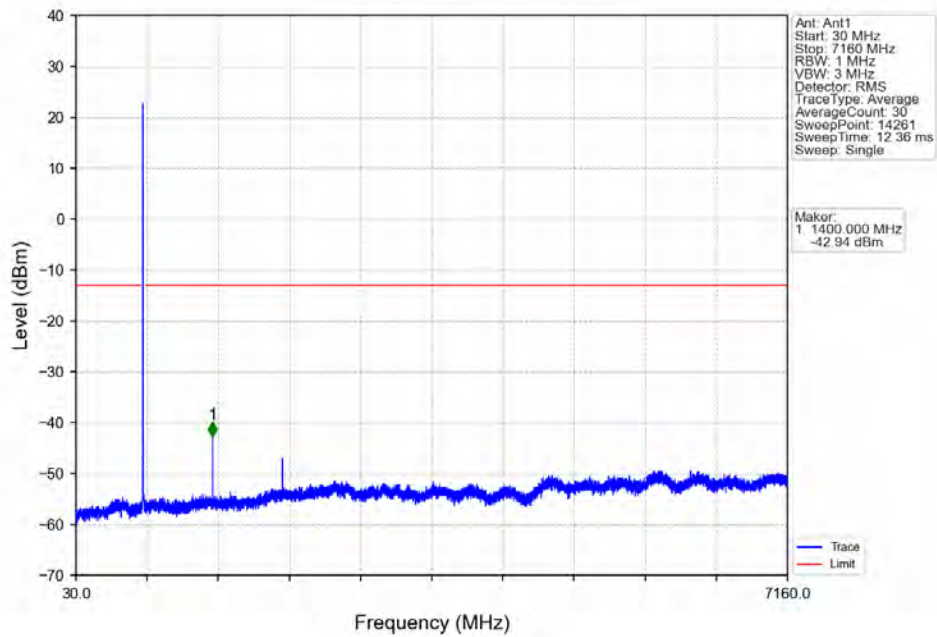
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.4.2 Test Graph

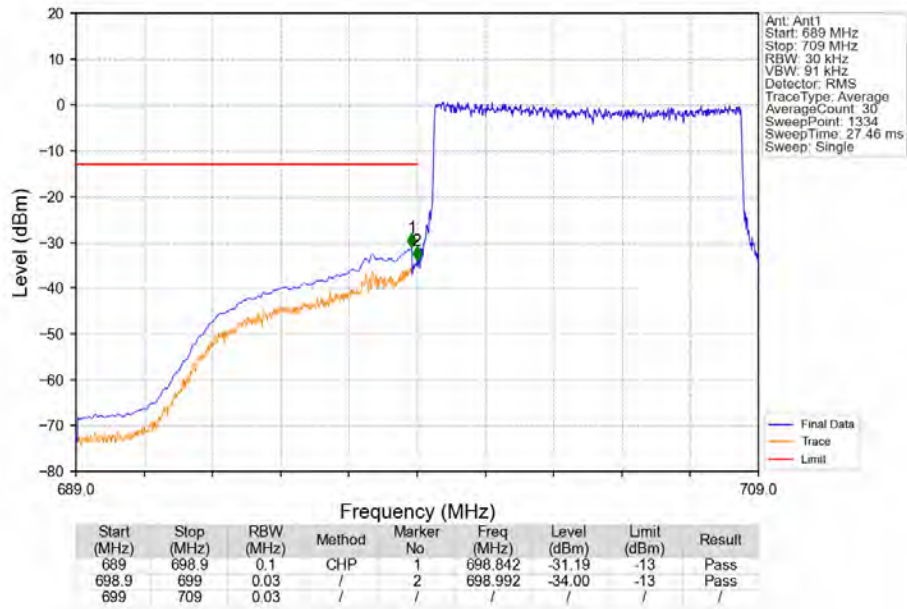
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



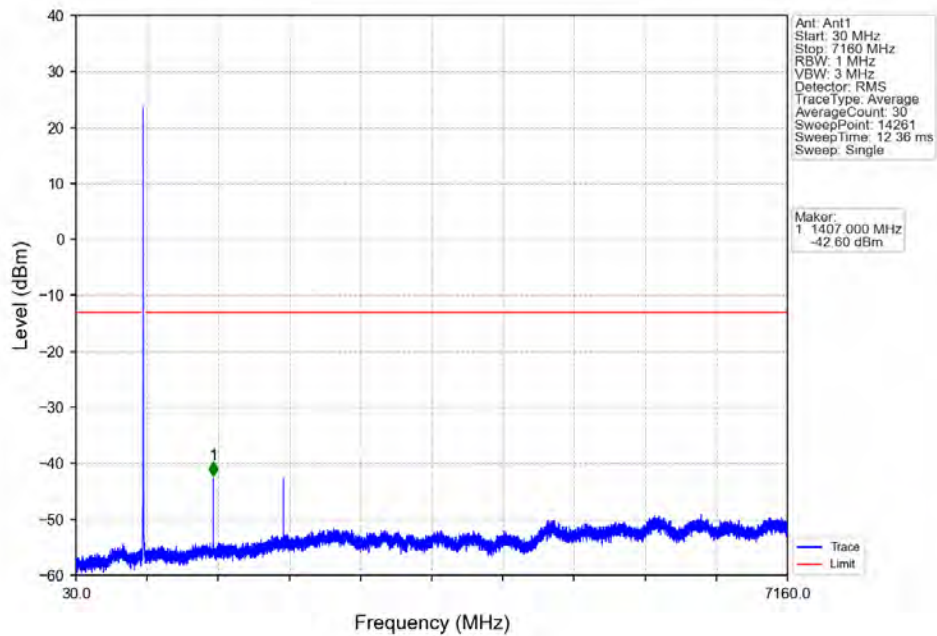
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



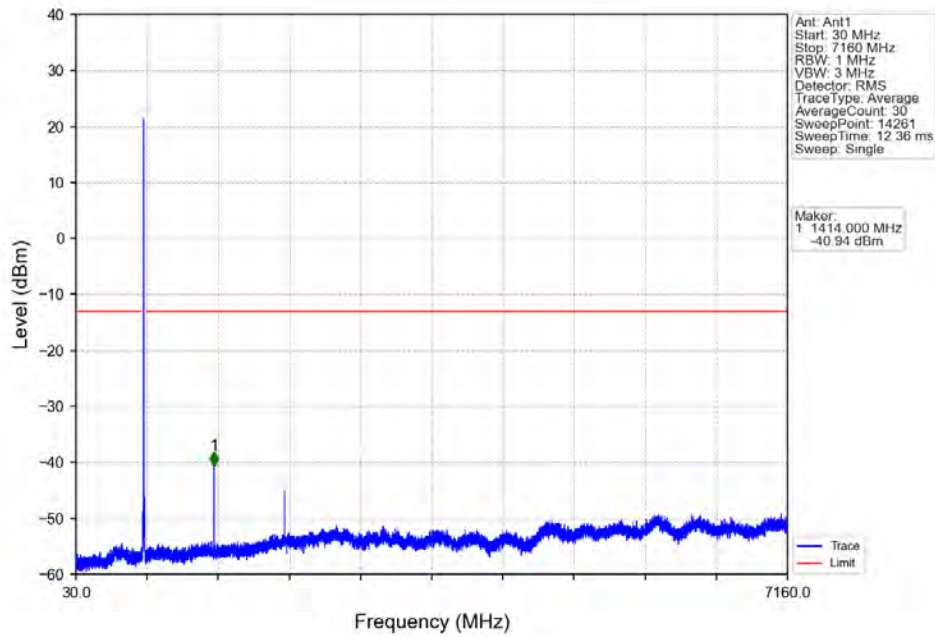
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



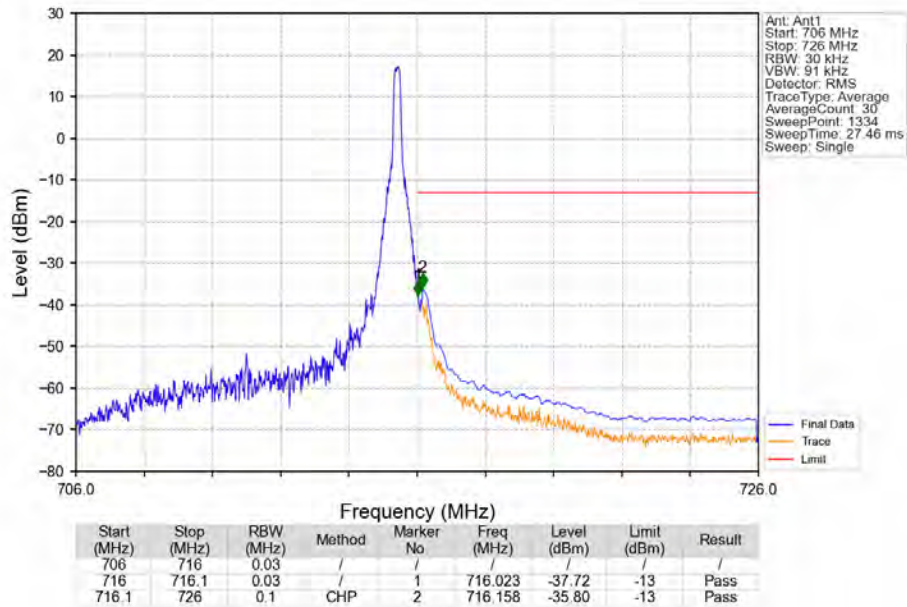
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



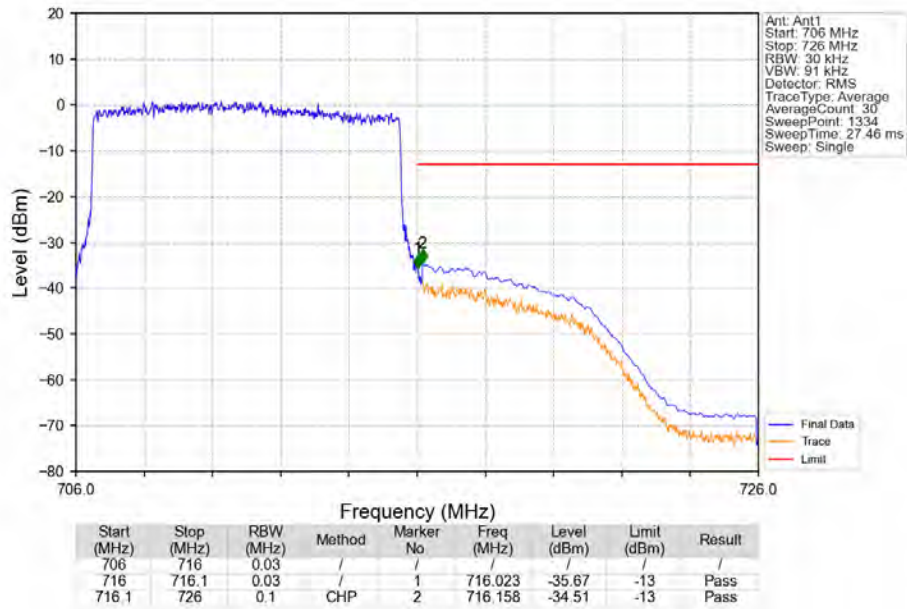
Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV



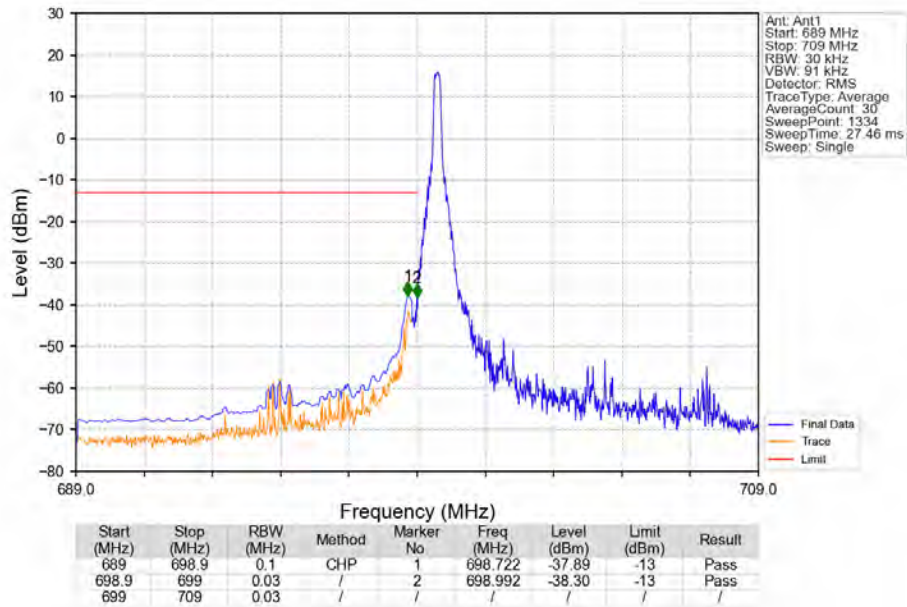
Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



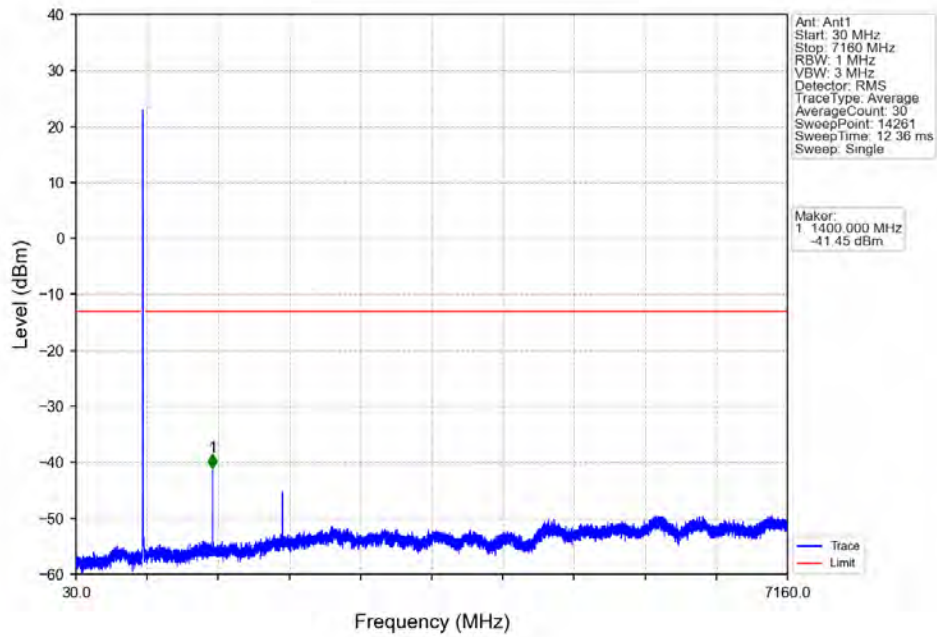
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



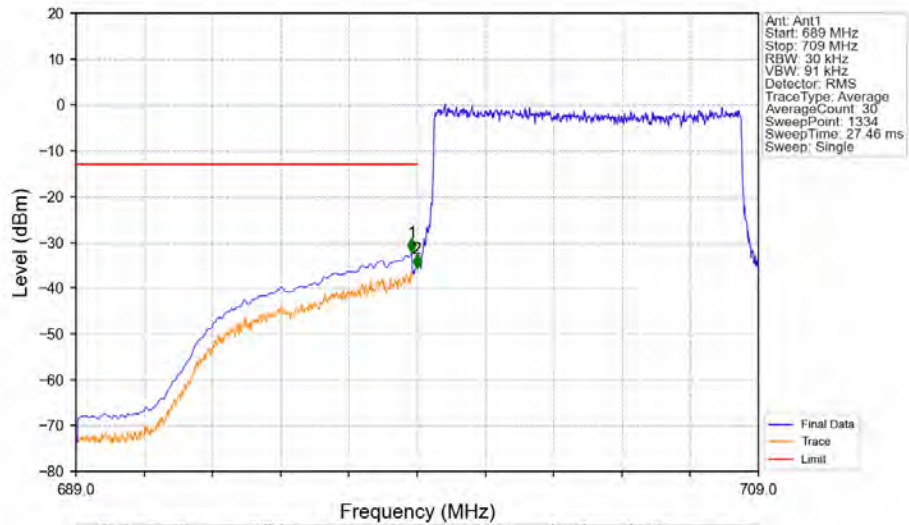
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV

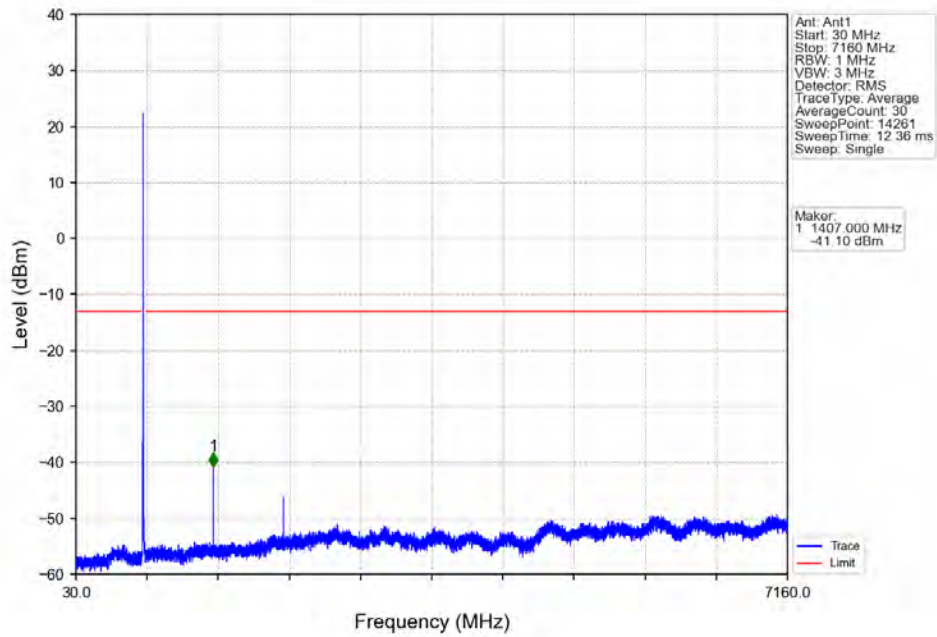


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

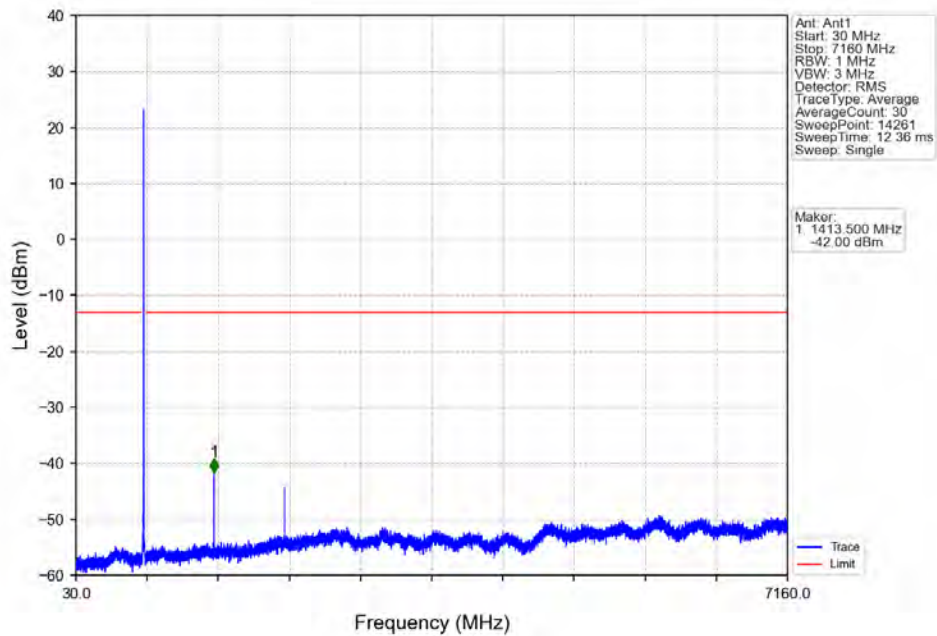


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-32.17	-13	Pass
698.9	699	0.03	/	2	698.992	-35.68	-13	Pass
699	709	0.03	/	/	/	/	/	/

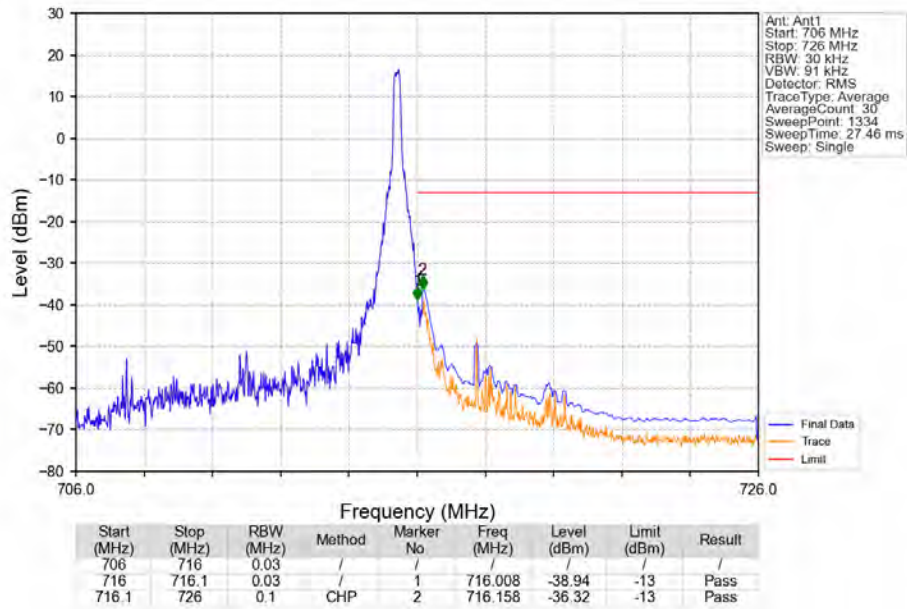
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



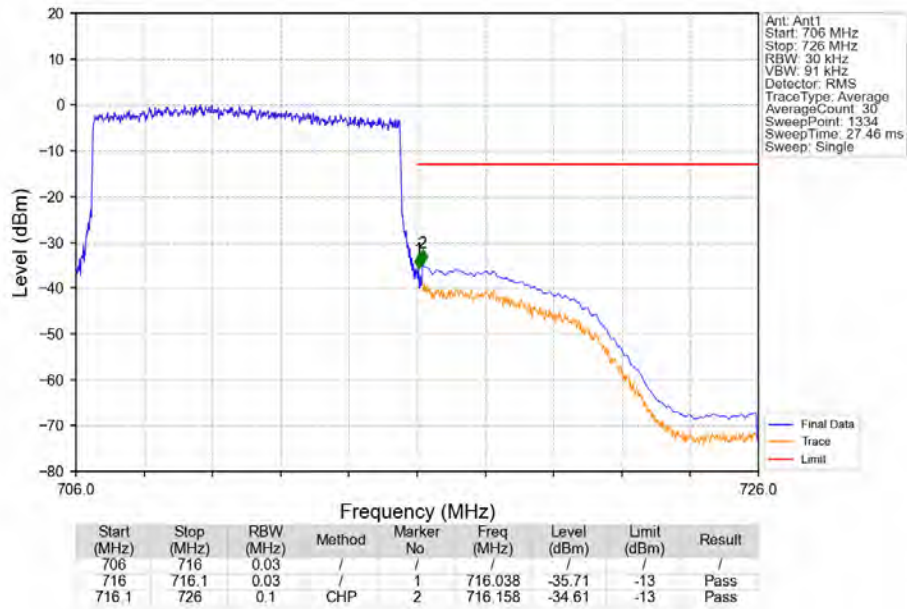
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



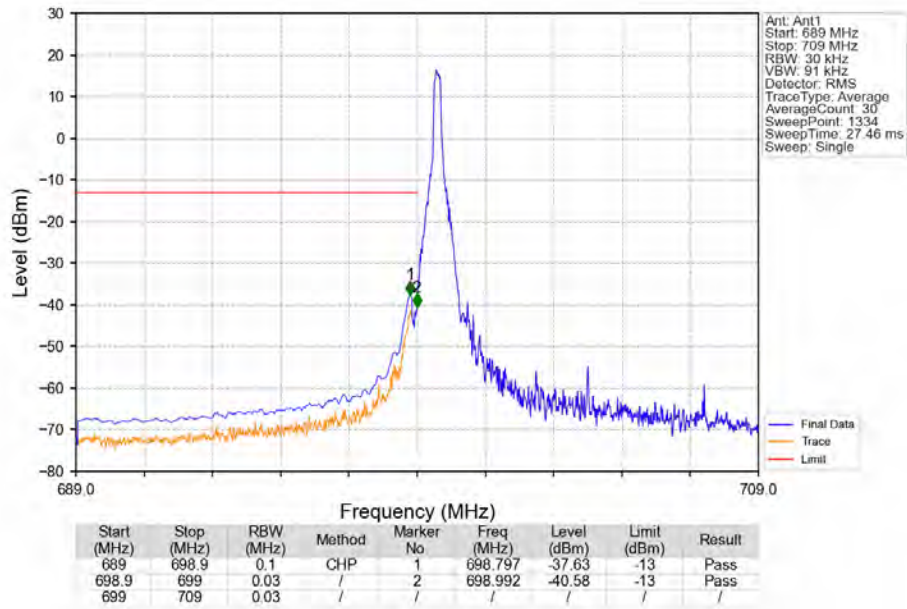
Band12 10MHz 16QAM HCH 711MHz RB 1 49 NTNV



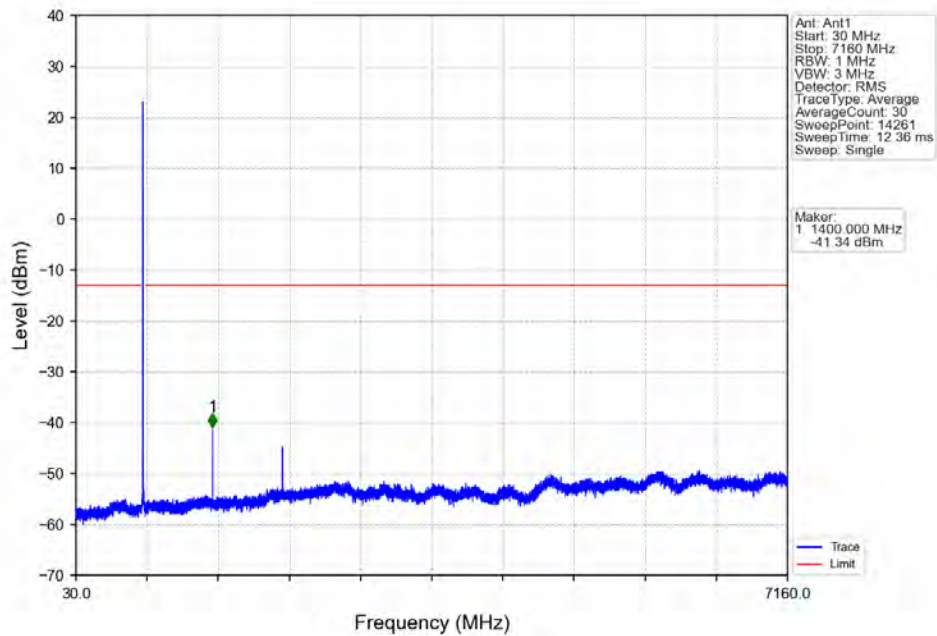
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



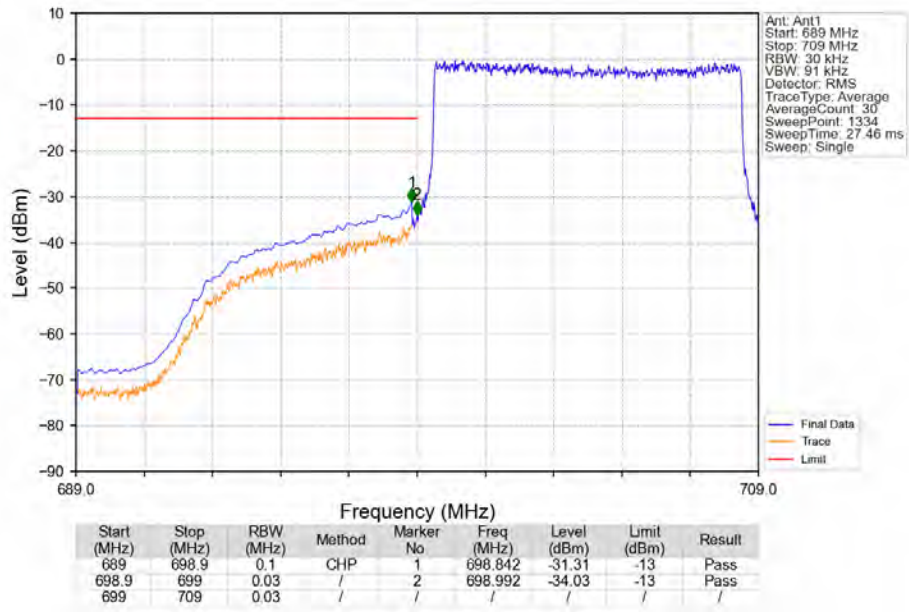
Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV



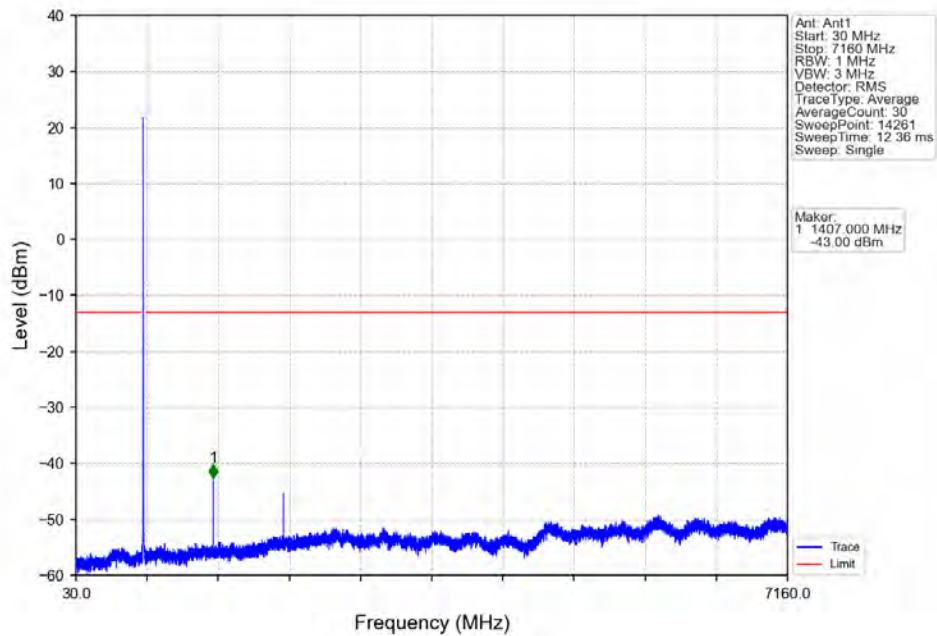
Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV



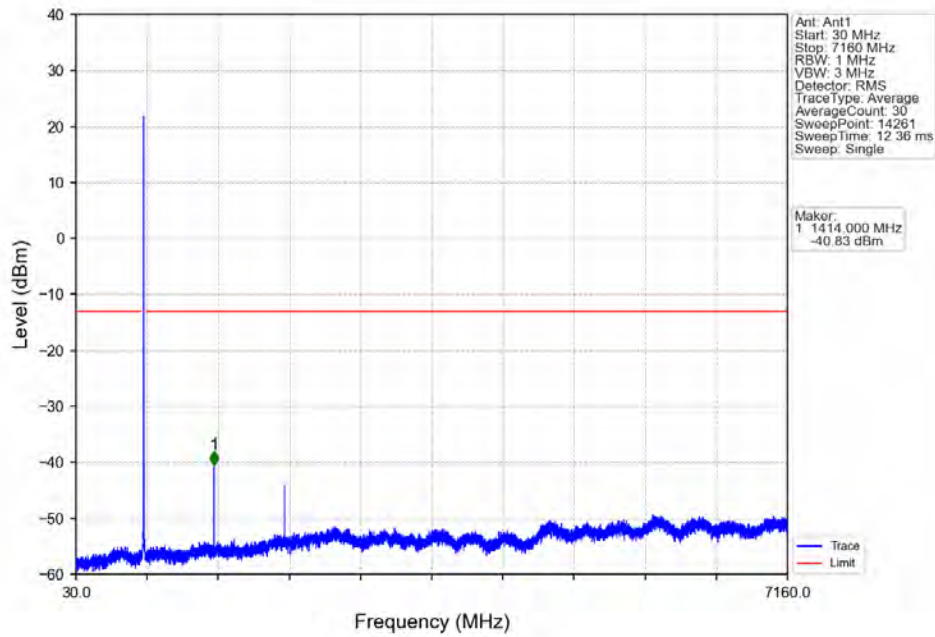
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



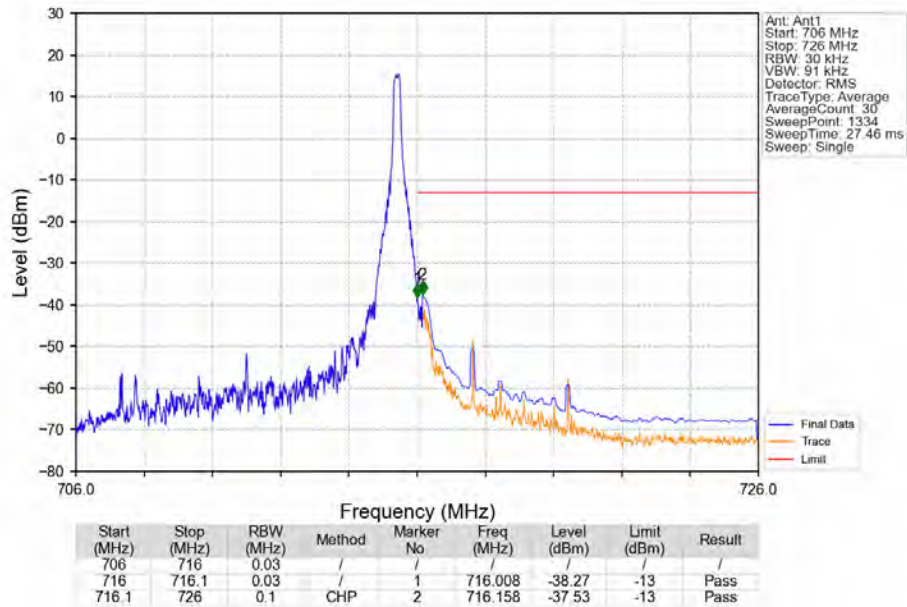
Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV



Band12 10MHz 64QAM HCH 711MHz RB 50 0 NTNV

