

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	22.57	-1.56	18.86	<=34.77	Pass
			2	22.58	-1.56	18.87	<=34.77	Pass
			5	22.49	-1.56	18.78	<=34.77	Pass
		3	0	22.67	-1.56	18.96	<=34.77	Pass
			2	22.66	-1.56	18.95	<=34.77	Pass
			3	22.58	-1.56	18.87	<=34.77	Pass
		6	0	21.54	-1.56	17.83	<=34.77	Pass
	707.5	1	0	22.60	-1.56	18.89	<=34.77	Pass
			2	22.66	-1.56	18.95	<=34.77	Pass
			5	22.56	-1.56	18.85	<=34.77	Pass
		3	0	22.63	-1.56	18.92	<=34.77	Pass
			2	22.70	-1.56	18.99	<=34.77	Pass
			3	22.62	-1.56	18.91	<=34.77	Pass
		6	0	21.59	-1.56	17.88	<=34.77	Pass
	715.3	1	0	22.67	-1.56	18.96	<=34.77	Pass
			2	22.75	-1.56	19.04	<=34.77	Pass
			5	22.63	-1.56	18.92	<=34.77	Pass
		3	0	22.63	-1.56	18.92	<=34.77	Pass
			2	22.69	-1.56	18.98	<=34.77	Pass
			3	22.67	-1.56	18.96	<=34.77	Pass
		6	0	21.74	-1.56	18.03	<=34.77	Pass
16QAM	699.7	1	0	21.68	-1.56	17.97	<=34.77	Pass
			2	21.80	-1.56	18.09	<=34.77	Pass
			5	21.63	-1.56	17.92	<=34.77	Pass
		3	0	21.83	-1.56	18.12	<=34.77	Pass
			2	21.90	-1.56	18.19	<=34.77	Pass
			3	21.78	-1.56	18.07	<=34.77	Pass
		6	0	20.77	-1.56	17.06	<=34.77	Pass
	707.5	1	0	21.93	-1.56	18.22	<=34.77	Pass
			2	22.01	-1.56	18.30	<=34.77	Pass
			5	21.83	-1.56	18.12	<=34.77	Pass
		3	0	21.72	-1.56	18.01	<=34.77	Pass
			2	21.80	-1.56	18.09	<=34.77	Pass
			3	21.71	-1.56	18.00	<=34.77	Pass
		6	0	20.69	-1.56	16.98	<=34.77	Pass
	715.3	1	0	21.79	-1.56	18.08	<=34.77	Pass
			2	21.88	-1.56	18.17	<=34.77	Pass
			5	21.71	-1.56	18.00	<=34.77	Pass
		3	0	21.84	-1.56	18.13	<=34.77	Pass
			2	21.87	-1.56	18.16	<=34.77	Pass
			3	21.76	-1.56	18.05	<=34.77	Pass
		6	0	20.74	-1.56	17.03	<=34.77	Pass
64QAM	699.7	1	0	22.26	-1.56	18.55	<=34.77	Pass
			2	21.68	-1.56	17.97	<=34.77	Pass
			5	21.54	-1.56	17.83	<=34.77	Pass
		3	0	22.02	-1.56	18.31	<=34.77	Pass

		6	2	21.95	-1.56	18.24	<=34.77	Pass
			3	21.40	-1.56	17.69	<=34.77	Pass
			0	20.92	-1.56	17.21	<=34.77	Pass
	707.5	1	0	21.61	-1.56	17.9	<=34.77	Pass
			2	21.84	-1.56	18.13	<=34.77	Pass
			5	22.22	-1.56	18.51	<=34.77	Pass
		3	0	21.84	-1.56	18.13	<=34.77	Pass
			2	22.05	-1.56	18.34	<=34.77	Pass
			3	22.07	-1.56	18.36	<=34.77	Pass
		6	0	20.93	-1.56	17.22	<=34.77	Pass
	715.3	1	0	21.77	-1.56	18.06	<=34.77	Pass
			2	21.60	-1.56	17.89	<=34.77	Pass
			5	21.40	-1.56	17.69	<=34.77	Pass
		3	0	22.09	-1.56	18.38	<=34.77	Pass
			2	22.02	-1.56	18.31	<=34.77	Pass
			3	21.96	-1.56	18.25	<=34.77	Pass
		6	0	20.86	-1.56	17.15	<=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	22.66	-1.56	18.95	<=34.77	Pass
			7	22.60	-1.56	18.89	<=34.77	Pass
			14	22.54	-1.56	18.83	<=34.77	Pass
		8	0	21.70	-1.56	17.99	<=34.77	Pass
			4	21.71	-1.56	18.00	<=34.77	Pass
			7	21.64	-1.56	17.93	<=34.77	Pass
		15	0	21.67	-1.56	17.96	<=34.77	Pass
	707.5	1	0	22.67	-1.56	18.96	<=34.77	Pass
			7	22.64	-1.56	18.93	<=34.77	Pass
			14	22.61	-1.56	18.90	<=34.77	Pass
		8	0	21.65	-1.56	17.94	<=34.77	Pass
			4	21.71	-1.56	18.00	<=34.77	Pass
			7	21.64	-1.56	17.93	<=34.77	Pass
		15	0	21.64	-1.56	17.93	<=34.77	Pass
	714.5	1	0	22.70	-1.56	18.99	<=34.77	Pass
			7	22.56	-1.56	18.85	<=34.77	Pass
			14	22.62	-1.56	18.91	<=34.77	Pass
		8	0	21.74	-1.56	18.03	<=34.77	Pass
			4	21.77	-1.56	18.06	<=34.77	Pass
			7	21.71	-1.56	18.00	<=34.77	Pass
		15	0	21.71	-1.56	18.00	<=34.77	Pass
16QAM	700.5	1	0	22.33	-1.56	18.62	<=34.77	Pass
			7	22.13	-1.56	18.42	<=34.77	Pass
			14	22.16	-1.56	18.45	<=34.77	Pass
		8	0	20.86	-1.56	17.15	<=34.77	Pass
			4	20.90	-1.56	17.19	<=34.77	Pass
			7	20.80	-1.56	17.09	<=34.77	Pass
		15	0	20.76	-1.56	17.05	<=34.77	Pass
	707.5	1	0	21.79	-1.56	18.08	<=34.77	Pass
			7	21.68	-1.56	17.97	<=34.77	Pass
			14	21.71	-1.56	18.00	<=34.77	Pass

		8	0	20.66	-1.56	16.95	<=34.77	Pass	
			4	20.73	-1.56	17.02	<=34.77	Pass	
			7	20.66	-1.56	16.95	<=34.77	Pass	
		15	0	20.62	-1.56	16.91	<=34.77	Pass	
	714.5	1	0	21.81	-1.56	18.10	<=34.77	Pass	
			7	21.88	-1.56	18.17	<=34.77	Pass	
			14	21.61	-1.56	17.90	<=34.77	Pass	
		8	0	20.78	-1.56	17.07	<=34.77	Pass	
			4	20.84	-1.56	17.13	<=34.77	Pass	
			7	20.78	-1.56	17.07	<=34.77	Pass	
		15	0	20.77	-1.56	17.06	<=34.77	Pass	
64QAM	700.5	1	0	21.38	-1.56	17.67	<=34.77	Pass	
			7	21.51	-1.56	17.8	<=34.77	Pass	
			14	21.52	-1.56	17.81	<=34.77	Pass	
		8	0	21.08	-1.56	17.37	<=34.77	Pass	
			4	21.11	-1.56	17.4	<=34.77	Pass	
			7	20.94	-1.56	17.23	<=34.77	Pass	
		15	0	20.97	-1.56	17.26	<=34.77	Pass	
		707.5	1	0	21.80	-1.56	18.09	<=34.77	Pass
				7	22.08	-1.56	18.37	<=34.77	Pass
	14			22.76	-1.56	19.05	<=34.77	Pass	
	8		0	21.08	-1.56	17.37	<=34.77	Pass	
			4	21.13	-1.56	17.42	<=34.77	Pass	
			7	21.00	-1.56	17.29	<=34.77	Pass	
	15		0	21.02	-1.56	17.31	<=34.77	Pass	
	714.5	1	0	21.85	-1.56	18.14	<=34.77	Pass	
			7	22.02	-1.56	18.31	<=34.77	Pass	
			14	22.30	-1.56	18.59	<=34.77	Pass	
		8	0	20.99	-1.56	17.28	<=34.77	Pass	
			4	21.13	-1.56	17.42	<=34.77	Pass	
			7	20.94	-1.56	17.23	<=34.77	Pass	
15		0	20.96	-1.56	17.25	<=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	22.56	-1.56	18.85	<=34.77	Pass
			13	22.67	-1.56	18.96	<=34.77	Pass
			24	22.57	-1.56	18.86	<=34.77	Pass
		12	0	21.69	-1.56	17.98	<=34.77	Pass
			6	21.71	-1.56	18.00	<=34.77	Pass
			13	21.65	-1.56	17.94	<=34.77	Pass
		25	0	21.67	-1.56	17.96	<=34.77	Pass
			0	22.62	-1.56	18.91	<=34.77	Pass
			13	22.71	-1.56	19.00	<=34.77	Pass
	707.5	1	24	22.54	-1.56	18.83	<=34.77	Pass
			0	21.67	-1.56	17.96	<=34.77	Pass
			6	21.65	-1.56	17.94	<=34.77	Pass
		12	13	21.65	-1.56	17.94	<=34.77	Pass
			0	21.65	-1.56	17.94	<=34.77	Pass
			0	21.65	-1.56	17.94	<=34.77	Pass
		25	0	21.65	-1.56	17.94	<=34.77	Pass
			0	22.70	-1.56	18.99	<=34.77	Pass
			13	22.73	-1.56	19.02	<=34.77	Pass

			24	22.60	-1.56	18.89	<=34.77	Pass
		12	0	21.78	-1.56	18.07	<=34.77	Pass
			6	21.74	-1.56	18.03	<=34.77	Pass
			13	21.78	-1.56	18.07	<=34.77	Pass
		25	0	21.72	-1.56	18.01	<=34.77	Pass
16QAM	701.5	1	0	21.57	-1.56	17.86	<=34.77	Pass
			13	21.71	-1.56	18.00	<=34.77	Pass
			24	21.52	-1.56	17.81	<=34.77	Pass
		12	0	20.73	-1.56	17.02	<=34.77	Pass
			6	20.68	-1.56	16.97	<=34.77	Pass
			13	20.69	-1.56	16.98	<=34.77	Pass
		25	0	20.73	-1.56	17.02	<=34.77	Pass
	707.5	1	0	21.91	-1.56	18.20	<=34.77	Pass
			13	21.95	-1.56	18.24	<=34.77	Pass
			24	21.84	-1.56	18.13	<=34.77	Pass
		12	0	20.72	-1.56	17.01	<=34.77	Pass
			6	20.68	-1.56	16.97	<=34.77	Pass
			13	20.75	-1.56	17.04	<=34.77	Pass
		25	0	20.61	-1.56	16.90	<=34.77	Pass
	713.5	1	0	21.79	-1.56	18.08	<=34.77	Pass
			13	21.87	-1.56	18.16	<=34.77	Pass
			24	21.79	-1.56	18.08	<=34.77	Pass
		12	0	20.73	-1.56	17.02	<=34.77	Pass
			6	20.74	-1.56	17.03	<=34.77	Pass
			13	20.73	-1.56	17.02	<=34.77	Pass
		25	0	20.80	-1.56	17.09	<=34.77	Pass
64QAM	701.5	1	0	22.22	-1.56	18.51	<=34.77	Pass
			13	21.77	-1.56	18.06	<=34.77	Pass
			24	21.82	-1.56	18.11	<=34.77	Pass
		12	0	21.06	-1.56	17.35	<=34.77	Pass
			6	21.00	-1.56	17.29	<=34.77	Pass
			13	20.97	-1.56	17.26	<=34.77	Pass
		25	0	21.01	-1.56	17.3	<=34.77	Pass
	707.5	1	0	21.86	-1.56	18.15	<=34.77	Pass
			13	22.07	-1.56	18.36	<=34.77	Pass
			24	22.00	-1.56	18.29	<=34.77	Pass
		12	0	20.99	-1.56	17.28	<=34.77	Pass
			6	20.98	-1.56	17.27	<=34.77	Pass
			13	21.05	-1.56	17.34	<=34.77	Pass
		25	0	21.00	-1.56	17.29	<=34.77	Pass
	713.5	1	0	21.74	-1.56	18.03	<=34.77	Pass
			13	21.98	-1.56	18.27	<=34.77	Pass
			24	21.65	-1.56	17.94	<=34.77	Pass
		12	0	20.91	-1.56	17.2	<=34.77	Pass
			6	21.05	-1.56	17.34	<=34.77	Pass
			13	21.05	-1.56	17.34	<=34.77	Pass
		25	0	20.97	-1.56	17.26	<=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	22.68	-1.56	18.97	<=34.77	Pass

		25	25	22.65	-1.56	18.94	<=34.77	Pass
			49	22.59	-1.56	18.88	<=34.77	Pass
			0	21.65	-1.56	17.94	<=34.77	Pass
			13	21.71	-1.56	18.00	<=34.77	Pass
			25	21.67	-1.56	17.96	<=34.77	Pass
		50	0	21.74	-1.56	18.03	<=34.77	Pass
	707.5	1	0	22.63	-1.56	18.92	<=34.77	Pass
			25	22.52	-1.56	18.81	<=34.77	Pass
			49	22.55	-1.56	18.84	<=34.77	Pass
		25	0	21.69	-1.56	17.98	<=34.77	Pass
			13	21.76	-1.56	18.05	<=34.77	Pass
			25	21.71	-1.56	18.00	<=34.77	Pass
		50	0	21.65	-1.56	17.94	<=34.77	Pass
	711	1	0	22.69	-1.56	18.98	<=34.77	Pass
			25	22.67	-1.56	18.96	<=34.77	Pass
			49	22.64	-1.56	18.93	<=34.77	Pass
		25	0	21.75	-1.56	18.04	<=34.77	Pass
			13	21.82	-1.56	18.11	<=34.77	Pass
			25	21.77	-1.56	18.06	<=34.77	Pass
		50	0	21.82	-1.56	18.11	<=34.77	Pass
16QAM	704	1	0	22.32	-1.56	18.61	<=34.77	Pass
			25	22.21	-1.56	18.50	<=34.77	Pass
			49	22.22	-1.56	18.51	<=34.77	Pass
		25	0	20.72	-1.56	17.01	<=34.77	Pass
			13	20.80	-1.56	17.09	<=34.77	Pass
			25	20.76	-1.56	17.05	<=34.77	Pass
		50	0	20.72	-1.56	17.01	<=34.77	Pass
	707.5	1	0	21.88	-1.56	18.17	<=34.77	Pass
			25	21.84	-1.56	18.13	<=34.77	Pass
			49	21.84	-1.56	18.13	<=34.77	Pass
		25	0	20.72	-1.56	17.01	<=34.77	Pass
			13	20.82	-1.56	17.11	<=34.77	Pass
			25	20.79	-1.56	17.08	<=34.77	Pass
		50	0	20.64	-1.56	16.93	<=34.77	Pass
	711	1	0	21.84	-1.56	18.13	<=34.77	Pass
			25	21.69	-1.56	17.98	<=34.77	Pass
			49	21.67	-1.56	17.96	<=34.77	Pass
		25	0	20.85	-1.56	17.14	<=34.77	Pass
			13	20.96	-1.56	17.25	<=34.77	Pass
			25	20.90	-1.56	17.19	<=34.77	Pass
		50	0	20.85	-1.56	17.14	<=34.77	Pass
64QAM	704	1	0	21.98	-1.56	18.27	<=34.77	Pass
			25	21.68	-1.56	17.97	<=34.77	Pass
			49	22.02	-1.56	18.31	<=34.77	Pass
		25	0	21.04	-1.56	17.33	<=34.77	Pass
			13	21.16	-1.56	17.45	<=34.77	Pass
			25	21.07	-1.56	17.36	<=34.77	Pass
		50	0	21.07	-1.56	17.36	<=34.77	Pass
	707.5	1	0	21.74	-1.56	18.03	<=34.77	Pass
			25	21.56	-1.56	17.85	<=34.77	Pass
			49	22.02	-1.56	18.31	<=34.77	Pass
		25	0	21.08	-1.56	17.37	<=34.77	Pass
			13	21.02	-1.56	17.31	<=34.77	Pass
			25	21.11	-1.56	17.4	<=34.77	Pass
		50	0	21.10	-1.56	17.39	<=34.77	Pass
	711	1	0	22.19	-1.56	18.48	<=34.77	Pass
			25	21.99	-1.56	18.28	<=34.77	Pass

			49	21.64	-1.56	17.93	<=34.77	Pass
			0	21.06	-1.56	17.35	<=34.77	Pass
		25	13	21.11	-1.56	17.4	<=34.77	Pass
			25	21.01	-1.56	17.3	<=34.77	Pass
		50	0	20.99	-1.56	17.28	<=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	699.7	6	0	20	3.40	12.005	0.0172	-2.5 to 2.5	Pass
					3.60	15.416	0.0220	-2.5 to 2.5	Pass
					4.20	12.751	0.0182	-2.5 to 2.5	Pass
				-30	3.60	14.929	0.0213	-2.5 to 2.5	Pass
				-20	3.60	14.516	0.0207	-2.5 to 2.5	Pass
				-10	3.60	9.909	0.0142	-2.5 to 2.5	Pass
				0	3.60	7.696	0.0110	-2.5 to 2.5	Pass
				10	3.60	5.419	0.0077	-2.5 to 2.5	Pass
				30	3.60	4.385	0.0063	-2.5 to 2.5	Pass
				40	3.60	3.407	0.0047	-2.5 to 2.5	Pass
				50	3.60	2.878	0.0041	-2.5 to 2.5	Pass
	707.5	6	0	20	3.40	-21.982	-0.0311	-2.5 to 2.5	Pass
					3.60	-17.562	-0.0248	-2.5 to 2.5	Pass
					4.20	-13.653	-0.0193	-2.5 to 2.5	Pass
				-30	3.60	-10.503	-0.0148	-2.5 to 2.5	Pass
				-20	3.60	-8.136	-0.0115	-2.5 to 2.5	Pass
				-10	3.60	-6.308	-0.0089	-2.5 to 2.5	Pass
				0	3.60	-4.054	-0.0057	-2.5 to 2.5	Pass
				10	3.60	-2.231	-0.0032	-2.5 to 2.5	Pass
				30	3.60	-1.476	-0.0021	-2.5 to 2.5	Pass
				40	3.60	-1.560	-0.0022	-2.5 to 2.5	Pass
				50	3.60	-1.806	-0.0026	-2.5 to 2.5	Pass
	715.3	6	0	20	3.40	15.306	0.0214	-2.5 to 2.5	Pass
					3.60	13.557	0.0190	-2.5 to 2.5	Pass
					4.20	16.032	0.0224	-2.5 to 2.5	Pass
				-30	3.60	12.905	0.0180	-2.5 to 2.5	Pass
				-20	3.60	9.946	0.0139	-2.5 to 2.5	Pass
				-10	3.60	7.875	0.0110	-2.5 to 2.5	Pass
				0	3.60	5.981	0.0084	-2.5 to 2.5	Pass
				10	3.60	3.531	0.0049	-2.5 to 2.5	Pass
				30	3.60	2.997	0.0042	-2.5 to 2.5	Pass
				40	3.60	2.438	0.0034	-2.5 to 2.5	Pass
				50	3.60	1.431	0.0020	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.40	0.588	0.0008	-2.5 to 2.5	Pass
					3.60	0.130	0.0002	-2.5 to 2.5	Pass
					4.20	0.497	0.0007	-2.5 to 2.5	Pass
				-30	3.60	0.459	0.0007	-2.5 to 2.5	Pass
				-20	3.60	-0.208	-0.0003	-2.5 to 2.5	Pass

				-10	3.60	-0.167	-0.0002	-2.5 to 2.5	Pass	
				0	3.60	0.170	0.0002	-2.5 to 2.5	Pass	
				10	3.60	-0.411	-0.0006	-2.5 to 2.5	Pass	
				30	3.60	-1.009	-0.0014	-2.5 to 2.5	Pass	
				40	3.60	-1.064	-0.0015	-2.5 to 2.5	Pass	
				50	3.60	-0.068	-0.0001	-2.5 to 2.5	Pass	
	707.5	6	0	20	3.40	-1.801	-0.0025	-2.5 to 2.5	Pass	
					3.60	-1.938	-0.0027	-2.5 to 2.5	Pass	
					4.20	-1.152	-0.0016	-2.5 to 2.5	Pass	
				-30	3.60	-0.611	-0.0009	-2.5 to 2.5	Pass	
				-20	3.60	-0.123	-0.0002	-2.5 to 2.5	Pass	
				-10	3.60	-1.299	-0.0018	-2.5 to 2.5	Pass	
				0	3.60	-1.473	-0.0021	-2.5 to 2.5	Pass	
				10	3.60	-1.300	-0.0018	-2.5 to 2.5	Pass	
				30	3.60	-0.504	-0.0007	-2.5 to 2.5	Pass	
				40	3.60	-1.299	-0.0018	-2.5 to 2.5	Pass	
				50	3.60	-1.273	-0.0018	-2.5 to 2.5	Pass	
				715.3	6	0	20	3.40	0.205	0.0003
	3.60	-0.192	-0.0003					-2.5 to 2.5	Pass	
	4.20	0.069	0.0001					-2.5 to 2.5	Pass	
	-30	3.60	0.153				0.0002	-2.5 to 2.5	Pass	
	-20	3.60	-0.113				-0.0002	-2.5 to 2.5	Pass	
	-10	3.60	-0.573				-0.0008	-2.5 to 2.5	Pass	
	0	3.60	-0.816				-0.0011	-2.5 to 2.5	Pass	
	10	3.60	-0.477				-0.0007	-2.5 to 2.5	Pass	
	30	3.60	0.624				0.0009	-2.5 to 2.5	Pass	
	40	3.60	1.171				0.0016	-2.5 to 2.5	Pass	
	50	3.60	0.642				0.0009	-2.5 to 2.5	Pass	
	64QAM	699.7	6				0	20	3.40	3.000
				3.60	0.400	0.0006			-2.5 to 2.5	Pass
4.20				1.500	0.0021	-2.5 to 2.5			Pass	
-30				3.60	0.900	0.0013		-2.5 to 2.5	Pass	
-20				3.60	0.300	0.0004		-2.5 to 2.5	Pass	
-10				3.60	-0.900	-0.0013		-2.5 to 2.5	Pass	
0				3.60	-1.400	-0.0020		-2.5 to 2.5	Pass	
10				3.60	0.000	0.0000		-2.5 to 2.5	Pass	
30				3.60	-2.100	-0.0030		-2.5 to 2.5	Pass	
40				3.60	0.200	0.0003		-2.5 to 2.5	Pass	
50				3.60	-0.300	-0.0004		-2.5 to 2.5	Pass	
707.5				6	0	20		3.40	5.500	0.0078
		3.60	1.500				0.0021	-2.5 to 2.5	Pass	
		4.20	1.000				0.0014	-2.5 to 2.5	Pass	
		-30	3.60			7.000	0.0099	-2.5 to 2.5	Pass	
		-20	3.60			7.300	0.0103	-2.5 to 2.5	Pass	
		-10	3.60			18.200	0.0257	-2.5 to 2.5	Pass	
		0	3.60			13.400	0.0189	-2.5 to 2.5	Pass	
		10	3.60			17.200	0.0243	-2.5 to 2.5	Pass	
		30	3.60			15.500	0.0219	-2.5 to 2.5	Pass	
		40	3.60			12.600	0.0178	-2.5 to 2.5	Pass	
		50	3.60			8.300	0.0117	-2.5 to 2.5	Pass	
		715.3	6			0	20	3.40	8.100	0.0113
3.60				13.300	0.0186			-2.5 to 2.5	Pass	
4.20				12.000	0.0168			-2.5 to 2.5	Pass	
-30				3.60	7.300		0.0102	-2.5 to 2.5	Pass	
-20				3.60	5.700		0.0080	-2.5 to 2.5	Pass	
-10				3.60	3.300		0.0046	-2.5 to 2.5	Pass	
0		3.60	4.300	0.0060	-2.5 to 2.5	Pass				

				10	3.60	4.600	0.0064	-2.5 to 2.5	Pass
				30	3.60	2.500	0.0035	-2.5 to 2.5	Pass
				40	3.60	2.800	0.0039	-2.5 to 2.5	Pass
				50	3.60	2.200	0.0031	-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	700.5	15	0	20	3.40	0.804	0.0011	-2.5 to 2.5	Pass
					3.60	0.806	0.0012	-2.5 to 2.5	Pass
					4.20	1.627	0.0023	-2.5 to 2.5	Pass
				-30	3.60	0.179	0.0003	-2.5 to 2.5	Pass
				-20	3.60	-0.149	-0.0002	-2.5 to 2.5	Pass
				-10	3.60	0.055	0.0001	-2.5 to 2.5	Pass
				0	3.60	-0.724	-0.0010	-2.5 to 2.5	Pass
				10	3.60	0.372	0.0005	-2.5 to 2.5	Pass
				30	3.60	0.019	0.0000	-2.5 to 2.5	Pass
				40	3.60	0.406	0.0006	-2.5 to 2.5	Pass
				50	3.60	-0.612	-0.0009	-2.5 to 2.5	Pass
	707.5	15	0	20	3.40	-0.324	-0.0005	-2.5 to 2.5	Pass
					3.60	1.224	0.0017	-2.5 to 2.5	Pass
					4.20	0.260	0.0004	-2.5 to 2.5	Pass
				-30	3.60	1.101	0.0016	-2.5 to 2.5	Pass
				-20	3.60	1.191	0.0017	-2.5 to 2.5	Pass
				-10	3.60	0.333	0.0005	-2.5 to 2.5	Pass
				0	3.60	0.894	0.0013	-2.5 to 2.5	Pass
				10	3.60	0.568	0.0008	-2.5 to 2.5	Pass
				30	3.60	-0.470	-0.0007	-2.5 to 2.5	Pass
				40	3.60	0.903	0.0013	-2.5 to 2.5	Pass
				50	3.60	0.249	0.0004	-2.5 to 2.5	Pass
	714.5	15	0	20	3.40	2.314	0.0032	-2.5 to 2.5	Pass
					3.60	2.122	0.0030	-2.5 to 2.5	Pass
					4.20	2.458	0.0034	-2.5 to 2.5	Pass
				-30	3.60	1.553	0.0022	-2.5 to 2.5	Pass
				-20	3.60	2.388	0.0033	-2.5 to 2.5	Pass
				-10	3.60	2.097	0.0029	-2.5 to 2.5	Pass
				0	3.60	1.524	0.0021	-2.5 to 2.5	Pass
				10	3.60	0.940	0.0013	-2.5 to 2.5	Pass
				30	3.60	1.376	0.0019	-2.5 to 2.5	Pass
				40	3.60	1.450	0.0020	-2.5 to 2.5	Pass
				50	3.60	1.785	0.0025	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.40	0.497	0.0007	-2.5 to 2.5	Pass
					3.60	-0.442	-0.0006	-2.5 to 2.5	Pass
					4.20	0.357	0.0005	-2.5 to 2.5	Pass
				-30	3.60	0.102	0.0001	-2.5 to 2.5	Pass
				-20	3.60	0.370	0.0005	-2.5 to 2.5	Pass
				-10	3.60	0.008	0.0000	-2.5 to 2.5	Pass
				0	3.60	0.051	0.0001	-2.5 to 2.5	Pass
				10	3.60	0.498	0.0007	-2.5 to 2.5	Pass
				30	3.60	0.445	0.0006	-2.5 to 2.5	Pass
				40	3.60	0.067	0.0001	-2.5 to 2.5	Pass
				50	3.60	0.816	0.0012	-2.5 to 2.5	Pass
	707.5	15	0	20	3.40	0.135	0.0002	-2.5 to 2.5	Pass

					3.60	-0.088	-0.0001	-2.5 to 2.5	Pass
					4.20	-0.369	-0.0005	-2.5 to 2.5	Pass
				-30	3.60	-0.277	-0.0004	-2.5 to 2.5	Pass
				-20	3.60	-0.158	-0.0002	-2.5 to 2.5	Pass
				-10	3.60	0.249	0.0004	-2.5 to 2.5	Pass
				0	3.60	-0.571	-0.0008	-2.5 to 2.5	Pass
				10	3.60	-0.362	-0.0005	-2.5 to 2.5	Pass
				30	3.60	-0.216	-0.0003	-2.5 to 2.5	Pass
				40	3.60	-0.775	-0.0011	-2.5 to 2.5	Pass
				50	3.60	-0.233	-0.0003	-2.5 to 2.5	Pass
	714.5	15	0	20	3.40	1.733	0.0024	-2.5 to 2.5	Pass
					3.60	0.715	0.0010	-2.5 to 2.5	Pass
					4.20	0.671	0.0009	-2.5 to 2.5	Pass
				-30	3.60	0.363	0.0005	-2.5 to 2.5	Pass
				-20	3.60	1.579	0.0022	-2.5 to 2.5	Pass
				-10	3.60	1.646	0.0023	-2.5 to 2.5	Pass
				0	3.60	1.417	0.0020	-2.5 to 2.5	Pass
				10	3.60	1.525	0.0021	-2.5 to 2.5	Pass
				30	3.60	0.850	0.0012	-2.5 to 2.5	Pass
				40	3.60	0.070	0.0001	-2.5 to 2.5	Pass
				50	3.60	-0.180	-0.0003	-2.5 to 2.5	Pass
64QAM	700.5	15	0	20	3.40	3.100	0.0044	-2.5 to 2.5	Pass
					3.60	0.700	0.0010	-2.5 to 2.5	Pass
					4.20	1.400	0.0020	-2.5 to 2.5	Pass
				-30	3.60	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.60	-0.500	-0.0007	-2.5 to 2.5	Pass
				-10	3.60	1.800	0.0026	-2.5 to 2.5	Pass
				0	3.60	1.500	0.0021	-2.5 to 2.5	Pass
				10	3.60	1.900	0.0027	-2.5 to 2.5	Pass
				30	3.60	1.500	0.0021	-2.5 to 2.5	Pass
				40	3.60	1.400	0.0020	-2.5 to 2.5	Pass
				50	3.60	0.800	0.0011	-2.5 to 2.5	Pass
	707.5	15	0	20	3.40	1.900	0.0027	-2.5 to 2.5	Pass
					3.60	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.20	2.800	0.0040	-2.5 to 2.5	Pass
				-30	3.60	1.100	0.0016	-2.5 to 2.5	Pass
				-20	3.60	1.800	0.0025	-2.5 to 2.5	Pass
				-10	3.60	2.100	0.0030	-2.5 to 2.5	Pass
				0	3.60	-1.000	-0.0014	-2.5 to 2.5	Pass
				10	3.60	1.000	0.0014	-2.5 to 2.5	Pass
				30	3.60	1.800	0.0025	-2.5 to 2.5	Pass
				40	3.60	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.60	-1.200	-0.0017	-2.5 to 2.5	Pass
	714.5	15	0	20	3.40	1.900	0.0027	-2.5 to 2.5	Pass
					3.60	2.000	0.0028	-2.5 to 2.5	Pass
					4.20	0.900	0.0013	-2.5 to 2.5	Pass
				-30	3.60	1.800	0.0025	-2.5 to 2.5	Pass
				-20	3.60	2.700	0.0038	-2.5 to 2.5	Pass
				-10	3.60	1.000	0.0014	-2.5 to 2.5	Pass
				0	3.60	1.700	0.0024	-2.5 to 2.5	Pass
				10	3.60	2.500	0.0035	-2.5 to 2.5	Pass
				30	3.60	0.500	0.0007	-2.5 to 2.5	Pass
				40	3.60	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.60	1.300	0.0018	-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	701.5	25	0	20	3.40	-0.676	-0.0010	-2.5 to 2.5	Pass
					3.60	-0.576	-0.0008	-2.5 to 2.5	Pass
					4.20	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.60	-0.598	-0.0009	-2.5 to 2.5	Pass
				-20	3.60	-0.794	-0.0011	-2.5 to 2.5	Pass
				-10	3.60	0.141	0.0002	-2.5 to 2.5	Pass
				0	3.60	-0.802	-0.0011	-2.5 to 2.5	Pass
				10	3.60	0.324	0.0005	-2.5 to 2.5	Pass
				30	3.60	-0.753	-0.0011	-2.5 to 2.5	Pass
				40	3.60	-0.800	-0.0011	-2.5 to 2.5	Pass
				50	3.60	-1.587	-0.0023	-2.5 to 2.5	Pass
	707.5	25	0	20	3.40	1.850	0.0026	-2.5 to 2.5	Pass
					3.60	1.002	0.0014	-2.5 to 2.5	Pass
					4.20	1.558	0.0022	-2.5 to 2.5	Pass
				-30	3.60	1.966	0.0028	-2.5 to 2.5	Pass
				-20	3.60	0.843	0.0012	-2.5 to 2.5	Pass
				-10	3.60	1.185	0.0017	-2.5 to 2.5	Pass
				0	3.60	1.150	0.0016	-2.5 to 2.5	Pass
				10	3.60	1.189	0.0017	-2.5 to 2.5	Pass
				30	3.60	1.492	0.0021	-2.5 to 2.5	Pass
				40	3.60	0.762	0.0011	-2.5 to 2.5	Pass
				50	3.60	2.141	0.0030	-2.5 to 2.5	Pass
	713.5	25	0	20	3.40	-0.862	-0.0012	-2.5 to 2.5	Pass
					3.60	0.240	0.0003	-2.5 to 2.5	Pass
					4.20	-0.189	-0.0003	-2.5 to 2.5	Pass
				-30	3.60	-0.549	-0.0008	-2.5 to 2.5	Pass
				-20	3.60	0.319	0.0004	-2.5 to 2.5	Pass
				-10	3.60	-1.126	-0.0016	-2.5 to 2.5	Pass
				0	3.60	-0.183	-0.0003	-2.5 to 2.5	Pass
				10	3.60	-1.092	-0.0015	-2.5 to 2.5	Pass
				30	3.60	-0.304	-0.0004	-2.5 to 2.5	Pass
				40	3.60	-0.410	-0.0006	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.40	-0.490	-0.0007	-2.5 to 2.5	Pass
					3.60	-0.155	-0.0002	-2.5 to 2.5	Pass
					4.20	0.448	0.0006	-2.5 to 2.5	Pass
				-30	3.60	0.207	0.0003	-2.5 to 2.5	Pass
				-20	3.60	0.174	0.0002	-2.5 to 2.5	Pass
				-10	3.60	0.226	0.0003	-2.5 to 2.5	Pass
				0	3.60	-0.475	-0.0007	-2.5 to 2.5	Pass
				10	3.60	-0.150	-0.0002	-2.5 to 2.5	Pass
				30	3.60	-0.394	-0.0006	-2.5 to 2.5	Pass
				40	3.60	-0.042	-0.0001	-2.5 to 2.5	Pass
				50	3.60	-1.048	-0.0015	-2.5 to 2.5	Pass
	707.5	25	0	20	3.40	1.399	0.0020	-2.5 to 2.5	Pass
					3.60	0.701	0.0010	-2.5 to 2.5	Pass
					4.20	0.975	0.0014	-2.5 to 2.5	Pass
				-30	3.60	0.243	0.0003	-2.5 to 2.5	Pass
				-20	3.60	0.745	0.0011	-2.5 to 2.5	Pass
				-10	3.60	1.375	0.0019	-2.5 to 2.5	Pass
				0	3.60	1.039	0.0015	-2.5 to 2.5	Pass

				10	3.60	-0.159	-0.0002	-2.5 to 2.5	Pass
				30	3.60	0.807	0.0011	-2.5 to 2.5	Pass
				40	3.60	-0.217	-0.0003	-2.5 to 2.5	Pass
				50	3.60	0.836	0.0012	-2.5 to 2.5	Pass
	713.5	25	0	20	3.40	-0.397	-0.0006	-2.5 to 2.5	Pass
					3.60	-0.328	-0.0005	-2.5 to 2.5	Pass
					4.20	0.185	0.0003	-2.5 to 2.5	Pass
				-30	3.60	-0.288	-0.0004	-2.5 to 2.5	Pass
				-20	3.60	0.641	0.0009	-2.5 to 2.5	Pass
				-10	3.60	-1.311	-0.0018	-2.5 to 2.5	Pass
				0	3.60	-0.028	0.0000	-2.5 to 2.5	Pass
				10	3.60	-0.493	-0.0007	-2.5 to 2.5	Pass
				30	3.60	-0.296	-0.0004	-2.5 to 2.5	Pass
				40	3.60	-1.033	-0.0014	-2.5 to 2.5	Pass
				50	3.60	0.774	0.0011	-2.5 to 2.5	Pass
64QAM	701.5	25	0	20	3.40	0.300	0.0004	-2.5 to 2.5	Pass
					3.60	1.600	0.0023	-2.5 to 2.5	Pass
					4.20	-1.200	-0.0017	-2.5 to 2.5	Pass
				-30	3.60	0.900	0.0013	-2.5 to 2.5	Pass
				-20	3.60	3.000	0.0043	-2.5 to 2.5	Pass
				-10	3.60	2.000	0.0029	-2.5 to 2.5	Pass
				0	3.60	1.100	0.0016	-2.5 to 2.5	Pass
				10	3.60	2.900	0.0041	-2.5 to 2.5	Pass
				30	3.60	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.60	1.400	0.0020	-2.5 to 2.5	Pass
				50	3.60	1.500	0.0021	-2.5 to 2.5	Pass
	707.5	25	0	20	3.40	-0.700	-0.0010	-2.5 to 2.5	Pass
					3.60	1.700	0.0024	-2.5 to 2.5	Pass
					4.20	-0.400	-0.0006	-2.5 to 2.5	Pass
				-30	3.60	-1.700	-0.0024	-2.5 to 2.5	Pass
				-20	3.60	1.700	0.0024	-2.5 to 2.5	Pass
				-10	3.60	1.000	0.0014	-2.5 to 2.5	Pass
				0	3.60	0.400	0.0006	-2.5 to 2.5	Pass
				10	3.60	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.60	-0.800	-0.0011	-2.5 to 2.5	Pass
				40	3.60	1.500	0.0021	-2.5 to 2.5	Pass
				50	3.60	1.000	0.0014	-2.5 to 2.5	Pass
	713.5	25	0	20	3.40	1.800	0.0025	-2.5 to 2.5	Pass
					3.60	3.500	0.0049	-2.5 to 2.5	Pass
					4.20	1.800	0.0025	-2.5 to 2.5	Pass
				-30	3.60	1.200	0.0017	-2.5 to 2.5	Pass
				-20	3.60	2.100	0.0029	-2.5 to 2.5	Pass
				-10	3.60	1.800	0.0025	-2.5 to 2.5	Pass
				0	3.60	3.600	0.0050	-2.5 to 2.5	Pass
				10	3.60	1.500	0.0021	-2.5 to 2.5	Pass
				30	3.60	0.300	0.0004	-2.5 to 2.5	Pass
				40	3.60	1.500	0.0021	-2.5 to 2.5	Pass
				50	3.60	1.500	0.0021	-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	704	50	0	20	3.40	-0.013	0.0000	-2.5 to 2.5	Pass

					3.60	-0.230	-0.0003	-2.5 to 2.5	Pass
					4.20	-1.031	-0.0015	-2.5 to 2.5	Pass
				-30	3.60	-1.074	-0.0015	-2.5 to 2.5	Pass
				-20	3.60	0.120	0.0002	-2.5 to 2.5	Pass
				-10	3.60	-0.228	-0.0003	-2.5 to 2.5	Pass
				0	3.60	-0.566	-0.0008	-2.5 to 2.5	Pass
				10	3.60	-0.082	-0.0001	-2.5 to 2.5	Pass
				30	3.60	-0.260	-0.0004	-2.5 to 2.5	Pass
				40	3.60	-0.728	-0.0010	-2.5 to 2.5	Pass
				50	3.60	-0.422	-0.0006	-2.5 to 2.5	Pass
	707.5	50	0	20	3.40	-0.546	-0.0008	-2.5 to 2.5	Pass
					3.60	-0.436	-0.0006	-2.5 to 2.5	Pass
					4.20	-1.146	-0.0016	-2.5 to 2.5	Pass
				-30	3.60	-0.715	-0.0010	-2.5 to 2.5	Pass
				-20	3.60	0.712	0.0010	-2.5 to 2.5	Pass
				-10	3.60	-0.807	-0.0011	-2.5 to 2.5	Pass
				0	3.60	-0.444	-0.0006	-2.5 to 2.5	Pass
				10	3.60	-0.107	-0.0002	-2.5 to 2.5	Pass
				30	3.60	-0.667	-0.0009	-2.5 to 2.5	Pass
				40	3.60	0.305	0.0004	-2.5 to 2.5	Pass
				50	3.60	-0.530	-0.0007	-2.5 to 2.5	Pass
	711	50	0	20	3.40	-0.280	-0.0004	-2.5 to 2.5	Pass
					3.60	0.109	0.0002	-2.5 to 2.5	Pass
					4.20	0.034	0.0000	-2.5 to 2.5	Pass
				-30	3.60	0.662	0.0009	-2.5 to 2.5	Pass
				-20	3.60	-0.639	-0.0009	-2.5 to 2.5	Pass
				-10	3.60	0.365	0.0005	-2.5 to 2.5	Pass
				0	3.60	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.60	0.524	0.0007	-2.5 to 2.5	Pass
				30	3.60	0.194	0.0003	-2.5 to 2.5	Pass
				40	3.60	0.761	0.0011	-2.5 to 2.5	Pass
				50	3.60	0.477	0.0007	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.40	-0.328	-0.0005	-2.5 to 2.5	Pass
					3.60	-0.128	-0.0002	-2.5 to 2.5	Pass
					4.20	0.106	0.0002	-2.5 to 2.5	Pass
				-30	3.60	-0.275	-0.0004	-2.5 to 2.5	Pass
				-20	3.60	1.809	0.0026	-2.5 to 2.5	Pass
				-10	3.60	0.556	0.0008	-2.5 to 2.5	Pass
				0	3.60	-0.048	-0.0001	-2.5 to 2.5	Pass
				10	3.60	0.052	0.0001	-2.5 to 2.5	Pass
				30	3.60	-0.060	-0.0001	-2.5 to 2.5	Pass
				40	3.60	1.093	0.0016	-2.5 to 2.5	Pass
				50	3.60	0.617	0.0009	-2.5 to 2.5	Pass
	707.5	50	0	20	3.40	-0.534	-0.0008	-2.5 to 2.5	Pass
					3.60	-0.742	-0.0010	-2.5 to 2.5	Pass
					4.20	0.050	0.0001	-2.5 to 2.5	Pass
				-30	3.60	-0.473	-0.0007	-2.5 to 2.5	Pass
				-20	3.60	-0.461	-0.0007	-2.5 to 2.5	Pass
				-10	3.60	-0.802	-0.0011	-2.5 to 2.5	Pass
				0	3.60	-0.807	-0.0011	-2.5 to 2.5	Pass
				10	3.60	0.274	0.0004	-2.5 to 2.5	Pass
				30	3.60	-0.247	-0.0003	-2.5 to 2.5	Pass
				40	3.60	0.007	0.0000	-2.5 to 2.5	Pass
				50	3.60	0.010	0.0000	-2.5 to 2.5	Pass
	711	50	0	20	3.40	1.555	0.0022	-2.5 to 2.5	Pass
					3.60	0.726	0.0010	-2.5 to 2.5	Pass
					4.20	-0.024	0.0000	-2.5 to 2.5	Pass

64QAM	704	50	0	-30	3.60	0.259	0.0004	-2.5 to 2.5	Pass
				-20	3.60	-0.662	-0.0009	-2.5 to 2.5	Pass
				-10	3.60	0.457	0.0006	-2.5 to 2.5	Pass
				0	3.60	0.956	0.0013	-2.5 to 2.5	Pass
				10	3.60	0.567	0.0008	-2.5 to 2.5	Pass
				30	3.60	0.859	0.0012	-2.5 to 2.5	Pass
				40	3.60	1.387	0.0020	-2.5 to 2.5	Pass
				50	3.60	0.142	0.0002	-2.5 to 2.5	Pass
				20	3.40	0.400	0.0006	-2.5 to 2.5	Pass
					3.60	1.000	0.0014	-2.5 to 2.5	Pass
					4.20	-1.800	-0.0026	-2.5 to 2.5	Pass
				-30	3.60	-0.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.60	1.100	0.0016	-2.5 to 2.5	Pass
				-10	3.60	2.400	0.0034	-2.5 to 2.5	Pass
				0	3.60	-0.400	-0.0006	-2.5 to 2.5	Pass
				10	3.60	0.400	0.0006	-2.5 to 2.5	Pass
				30	3.60	-0.900	-0.0013	-2.5 to 2.5	Pass
				40	3.60	-1.200	-0.0017	-2.5 to 2.5	Pass
				50	3.60	0.300	0.0004	-2.5 to 2.5	Pass
	707.5	50	0	20	3.40	-2.200	-0.0031	-2.5 to 2.5	Pass
					3.60	-0.200	-0.0003	-2.5 to 2.5	Pass
					4.20	-1.300	-0.0018	-2.5 to 2.5	Pass
				-30	3.60	-0.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.60	-0.400	-0.0006	-2.5 to 2.5	Pass
				-10	3.60	-0.700	-0.0010	-2.5 to 2.5	Pass
				0	3.60	-1.500	-0.0021	-2.5 to 2.5	Pass
				10	3.60	-0.400	-0.0006	-2.5 to 2.5	Pass
				30	3.60	-1.300	-0.0018	-2.5 to 2.5	Pass
				40	3.60	-1.800	-0.0025	-2.5 to 2.5	Pass
				50	3.60	-0.700	-0.0010	-2.5 to 2.5	Pass
	711	50	0	20	3.40	-0.500	-0.0007	-2.5 to 2.5	Pass
					3.60	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.20	-0.400	-0.0006	-2.5 to 2.5	Pass
				-30	3.60	-2.400	-0.0034	-2.5 to 2.5	Pass
				-20	3.60	1.200	0.0017	-2.5 to 2.5	Pass
				-10	3.60	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.60	-1.200	-0.0017	-2.5 to 2.5	Pass
				10	3.60	0.400	0.0006	-2.5 to 2.5	Pass
				30	3.60	-2.100	-0.0030	-2.5 to 2.5	Pass
				40	3.60	1.000	0.0014	-2.5 to 2.5	Pass
				50	3.60	-0.200	-0.0003	-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	1.102	/	Pass
		707.5	6	0	1.107	/	Pass
		715.3	6	0	1.102	/	Pass

	16QAM	699.7	6	0	1.114	/	Pass
		707.5	6	0	1.108	/	Pass
		715.3	6	0	1.105	/	Pass
	64QAM	699.7	6	0	1.107	/	Pass
		707.5	6	0	1.109	/	Pass
		715.3	6	0	1.110	/	Pass
3	QPSK	700.5	15	0	2.749	/	Pass
		707.5	15	0	2.749	/	Pass
		714.5	15	0	2.745	/	Pass
	16QAM	700.5	15	0	2.750	/	Pass
		707.5	15	0	2.738	/	Pass
		714.5	15	0	2.757	/	Pass
	64QAM	700.5	15	0	2.725	/	Pass
		707.5	15	0	2.723	/	Pass
		714.5	15	0	2.728	/	Pass
5	QPSK	701.5	25	0	4.555	/	Pass
		707.5	25	0	4.533	/	Pass
		713.5	25	0	4.553	/	Pass
	16QAM	701.5	25	0	4.552	/	Pass
		707.5	25	0	4.548	/	Pass
		713.5	25	0	4.570	/	Pass
	64QAM	701.5	25	0	4.536	/	Pass
		707.5	25	0	4.543	/	Pass
		713.5	25	0	4.553	/	Pass
10	QPSK	704	50	0	9.020	/	Pass
		707.5	50	0	9.026	/	Pass
		711	50	0	9.061	/	Pass
	16QAM	704	50	0	9.063	/	Pass
		707.5	50	0	9.038	/	Pass
		711	50	0	9.055	/	Pass
	64QAM	704	50	0	9.033	/	Pass
		707.5	50	0	9.036	/	Pass
		711	50	0	9.023	/	Pass

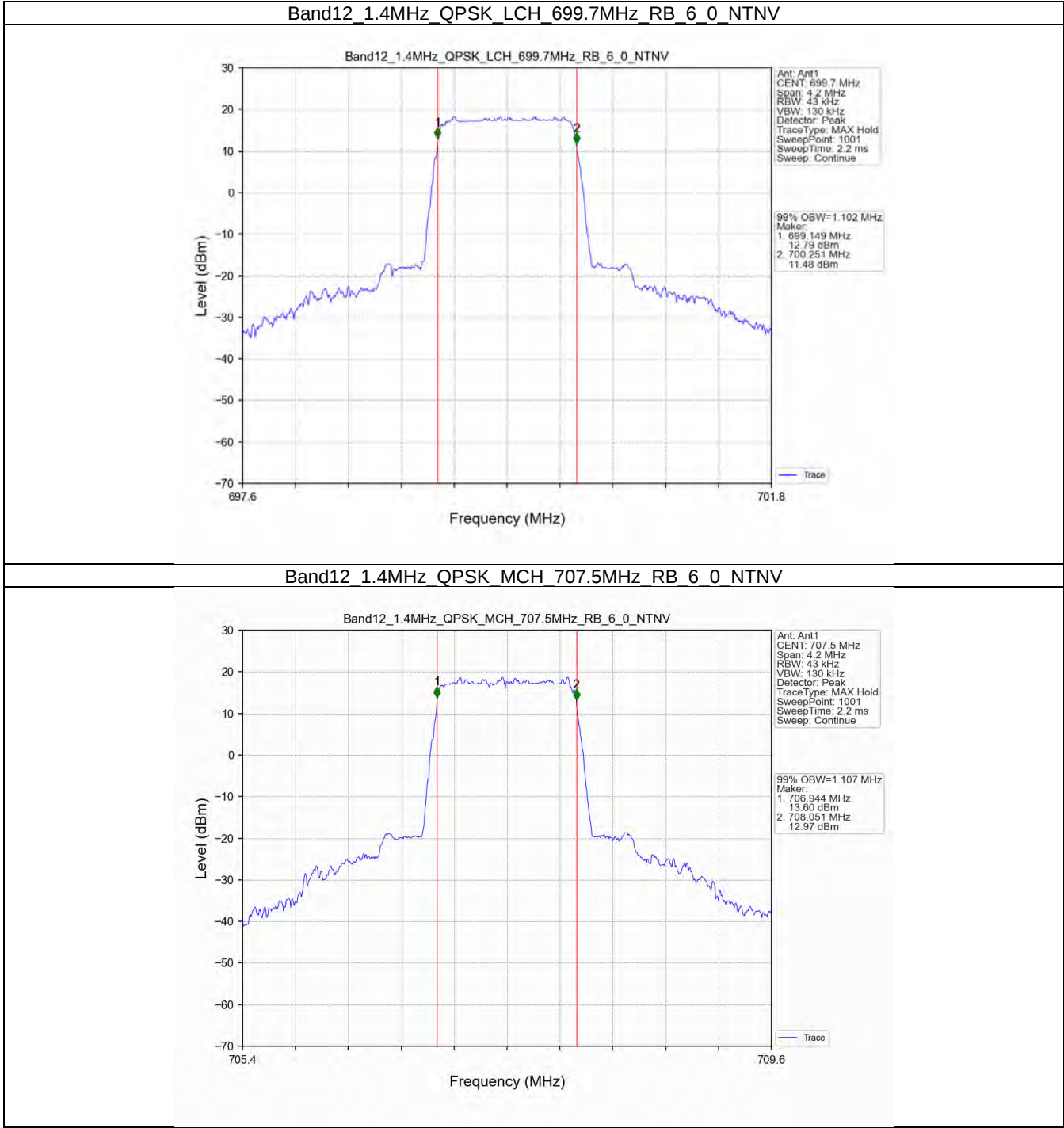
3.1.2 Band12_XDB

Band: 12 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.263	/	Pass
		707.5	6	0	1.262	/	Pass
		715.3	6	0	1.268	/	Pass
	16QAM	699.7	6	0	1.260	/	Pass
		707.5	6	0	1.271	/	Pass
		715.3	6	0	1.252	/	Pass
	64QAM	699.7	6	0	1.255	/	Pass
		707.5	6	0	1.264	/	Pass
		715.3	6	0	1.268	/	Pass
3	QPSK	700.5	15	0	3.084	/	Pass
		707.5	15	0	3.052	/	Pass
		714.5	15	0	3.085	/	Pass
	16QAM	700.5	15	0	3.037	/	Pass
		707.5	15	0	3.081	/	Pass
		714.5	15	0	3.050	/	Pass
	64QAM	700.5	15	0	3.049	/	Pass

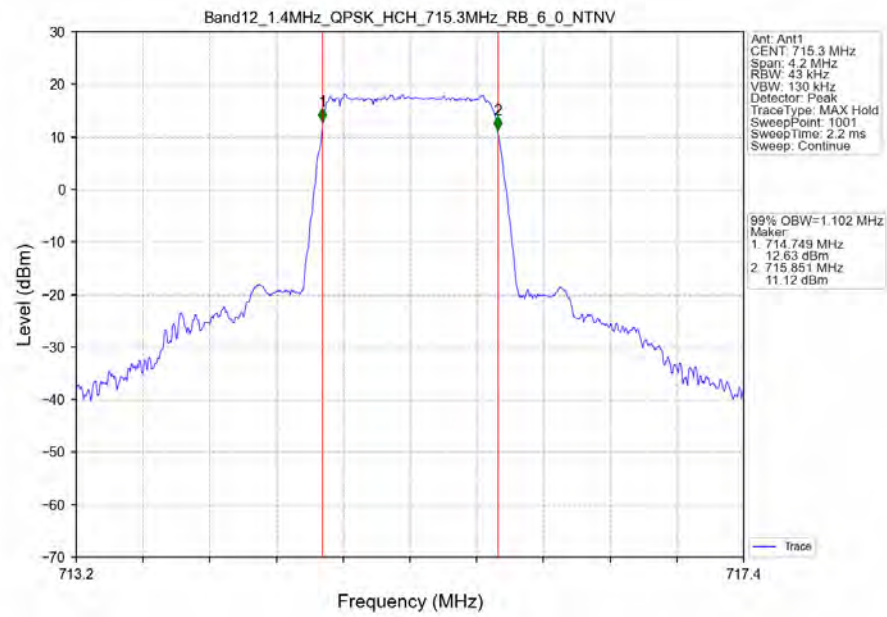
		707.5	15	0	3.045	/	Pass
		714.5	15	0	3.066	/	Pass
5	QPSK	701.5	25	0	5.054	/	Pass
		707.5	25	0	5.048	/	Pass
		713.5	25	0	5.049	/	Pass
		701.5	25	0	5.040	/	Pass
	16QAM	707.5	25	0	5.032	/	Pass
		713.5	25	0	5.086	/	Pass
		701.5	25	0	4.992	/	Pass
	64QAM	707.5	25	0	5.038	/	Pass
		713.5	25	0	5.029	/	Pass
10	QPSK	704	50	0	9.967	/	Pass
		707.5	50	0	9.959	/	Pass
		711	50	0	9.977	/	Pass
	16QAM	704	50	0	9.954	/	Pass
		707.5	50	0	10.017	/	Pass
		711	50	0	9.990	/	Pass
	64QAM	704	50	0	9.990	/	Pass
		707.5	50	0	9.898	/	Pass
		711	50	0	9.960	/	Pass

3.2 Test Graph

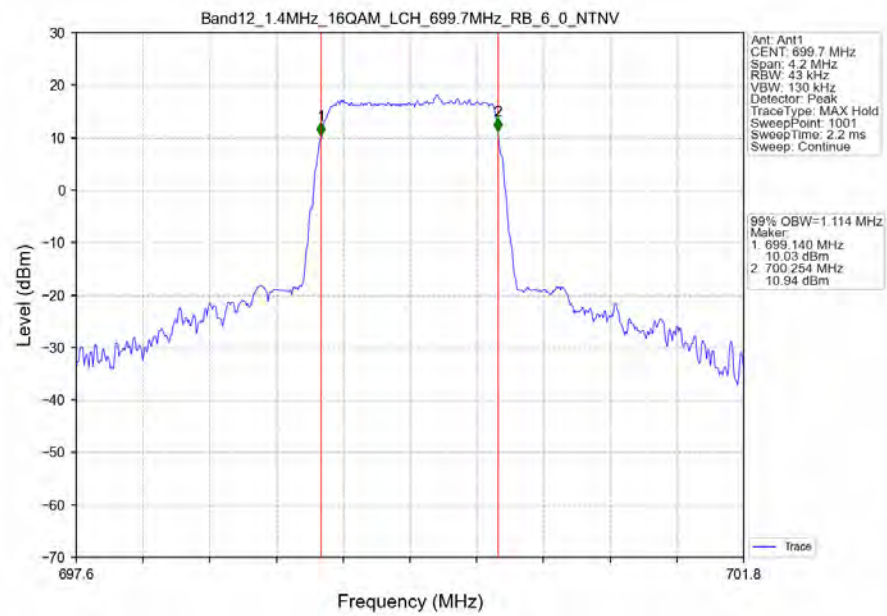
3.2.1 Band12_OBW



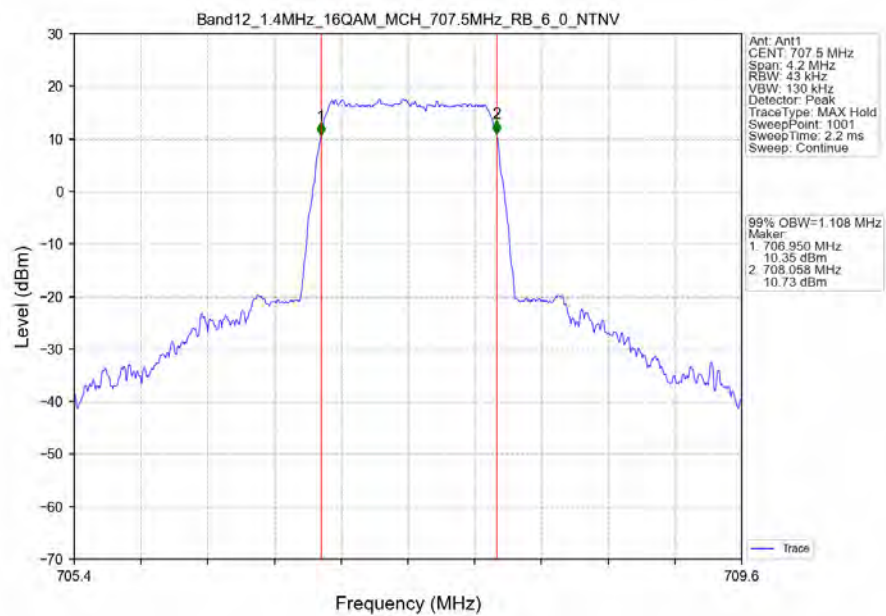
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



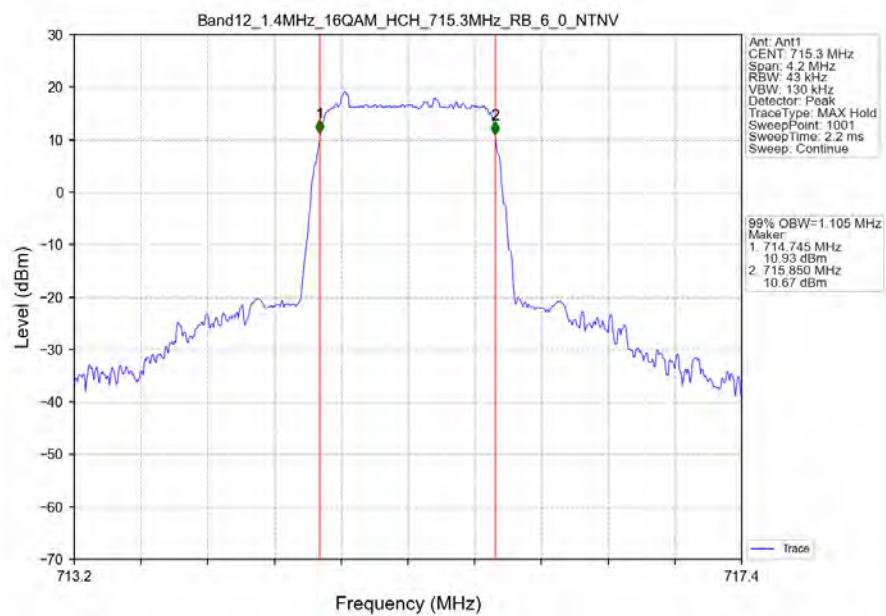
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



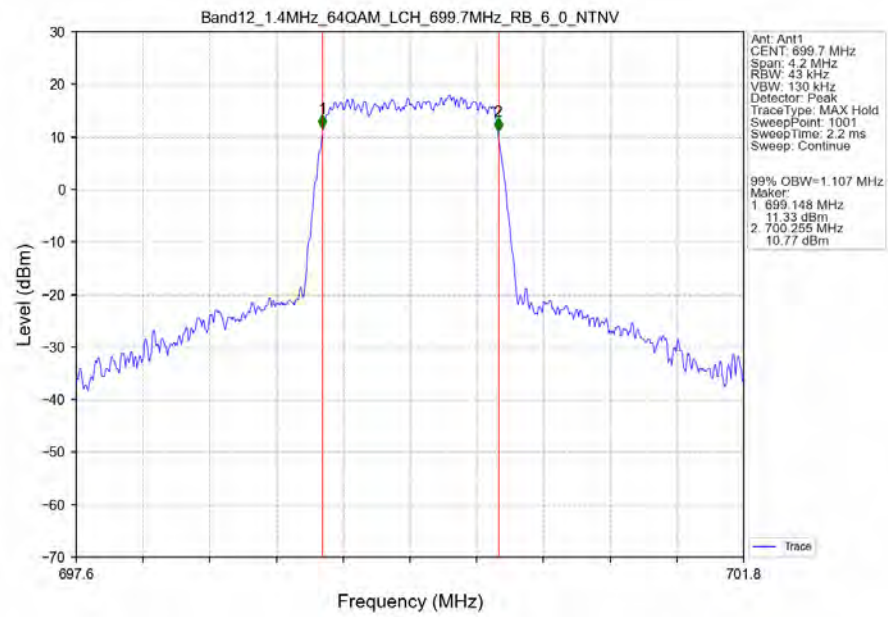
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



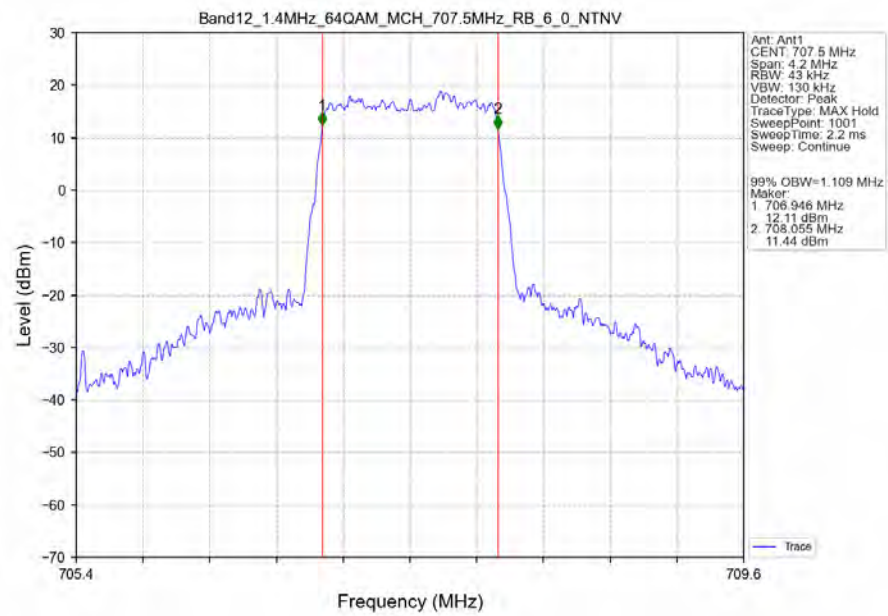
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



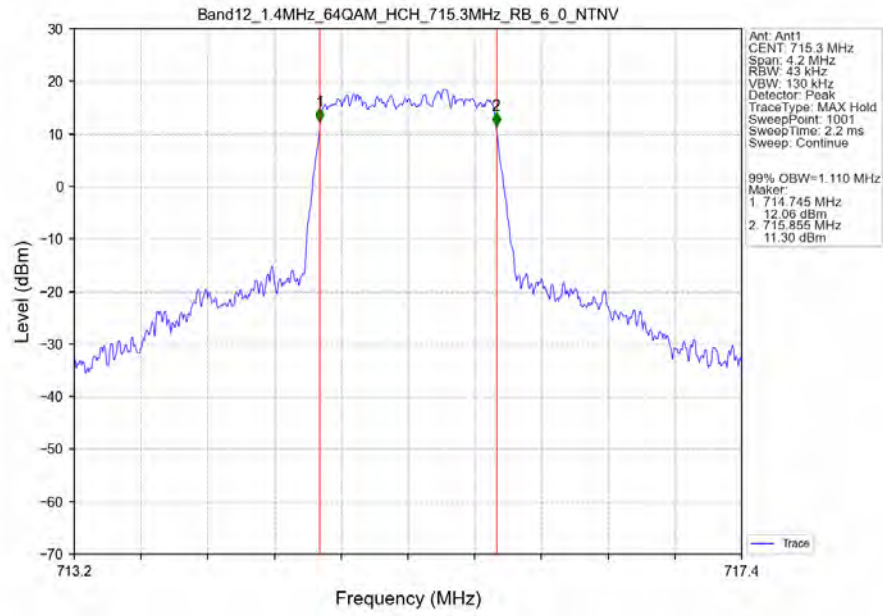
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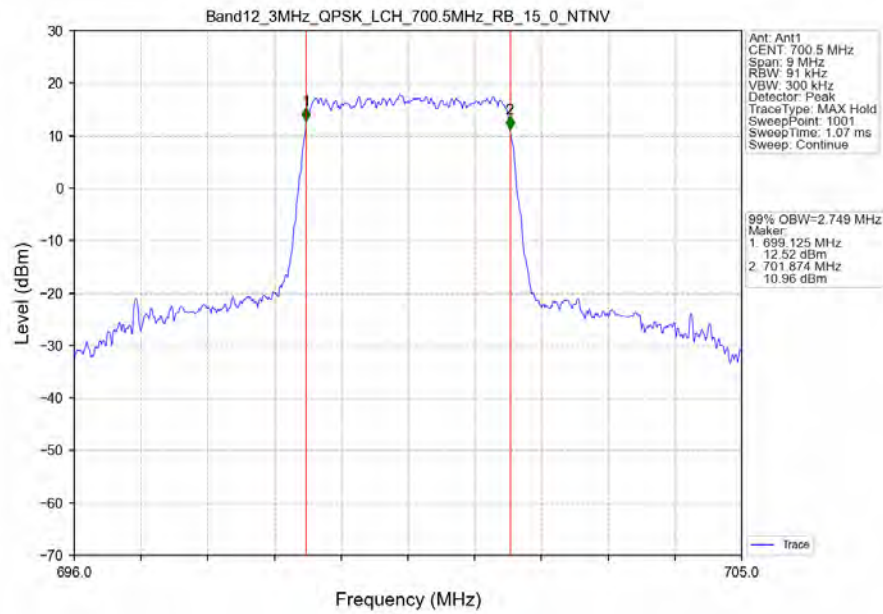
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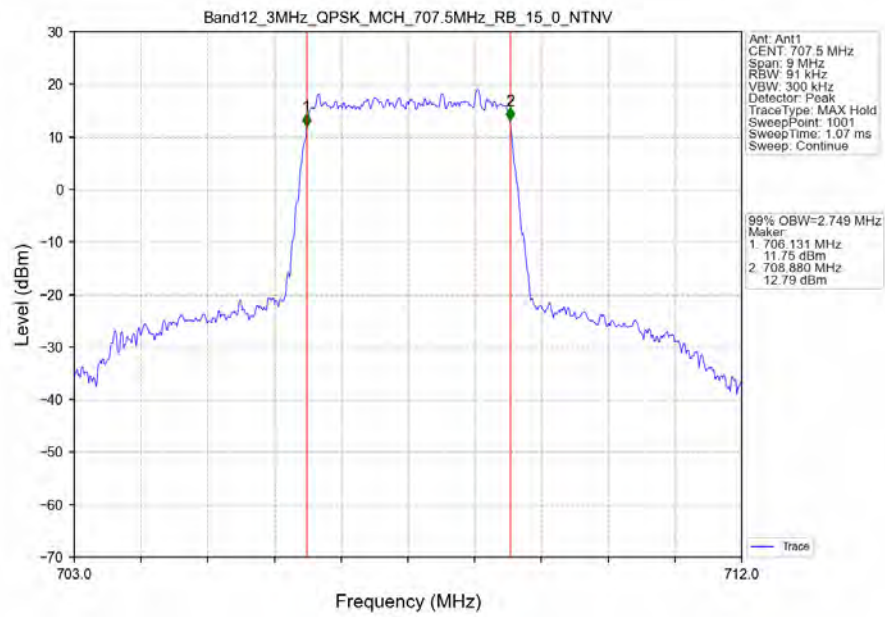
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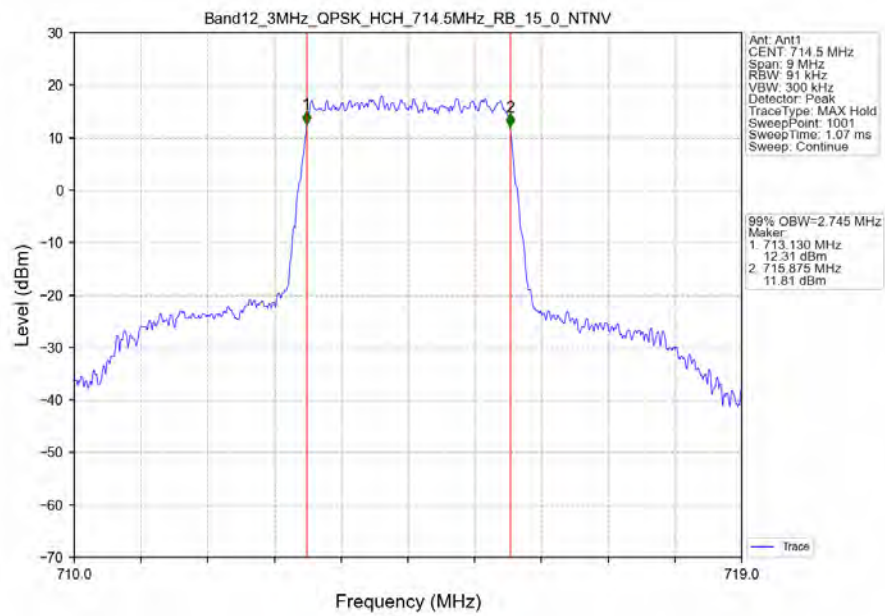
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



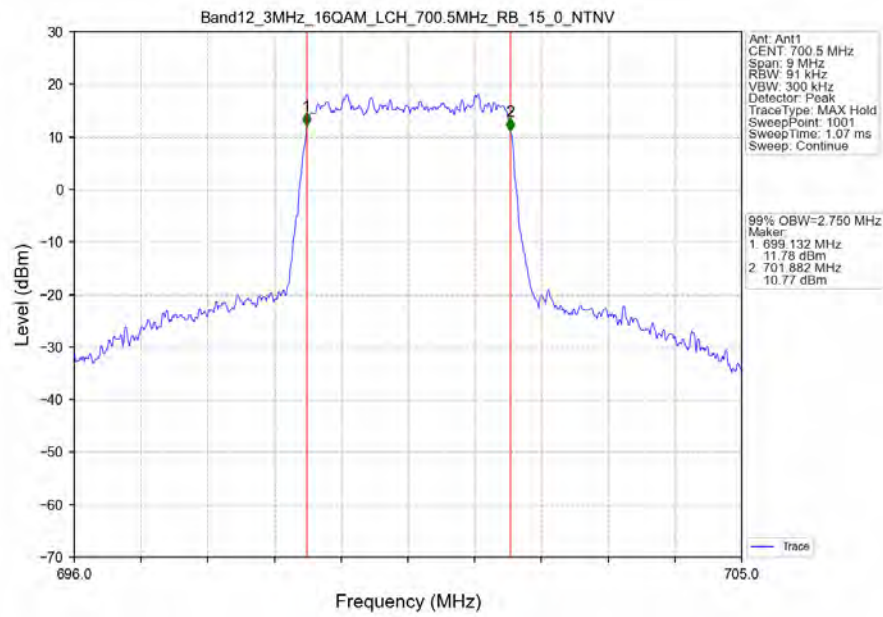
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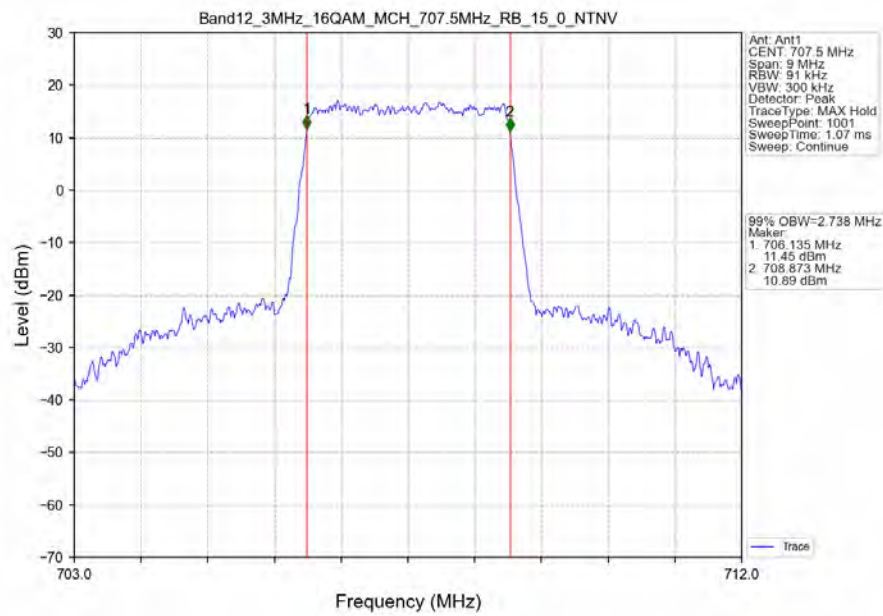
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



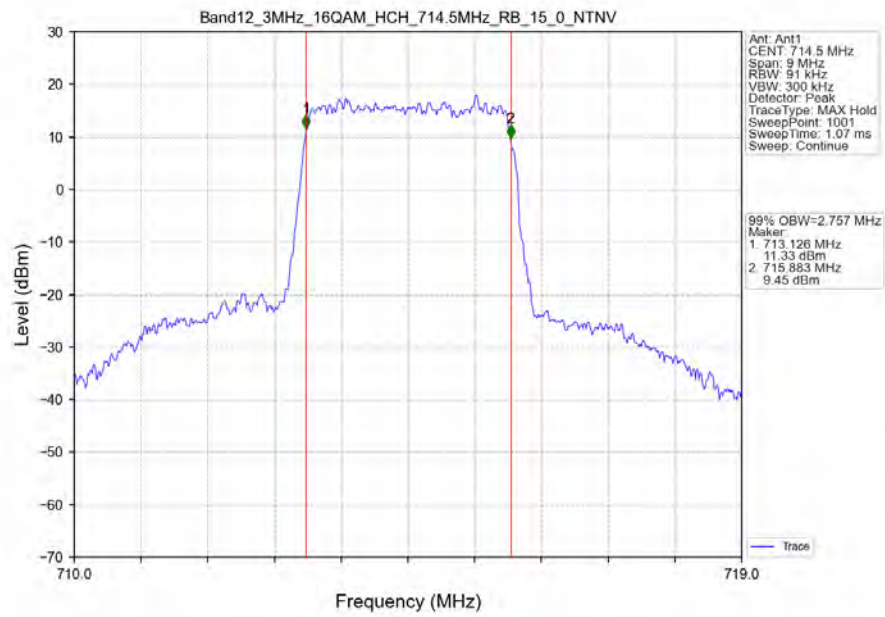
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



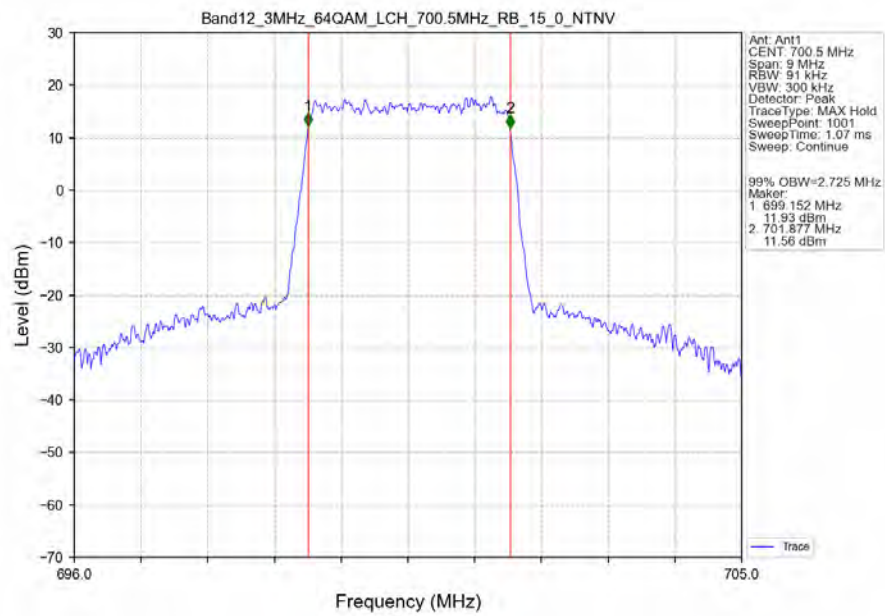
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



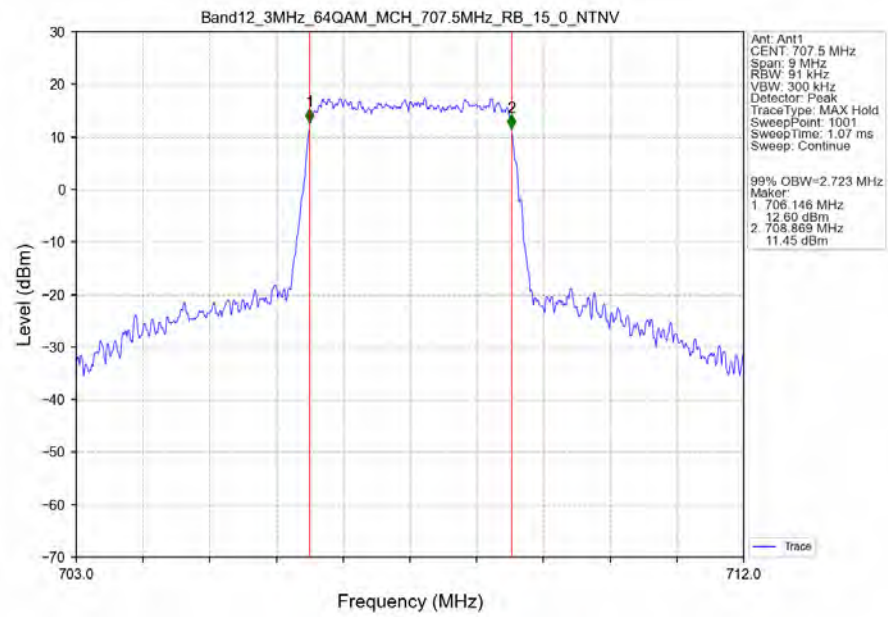
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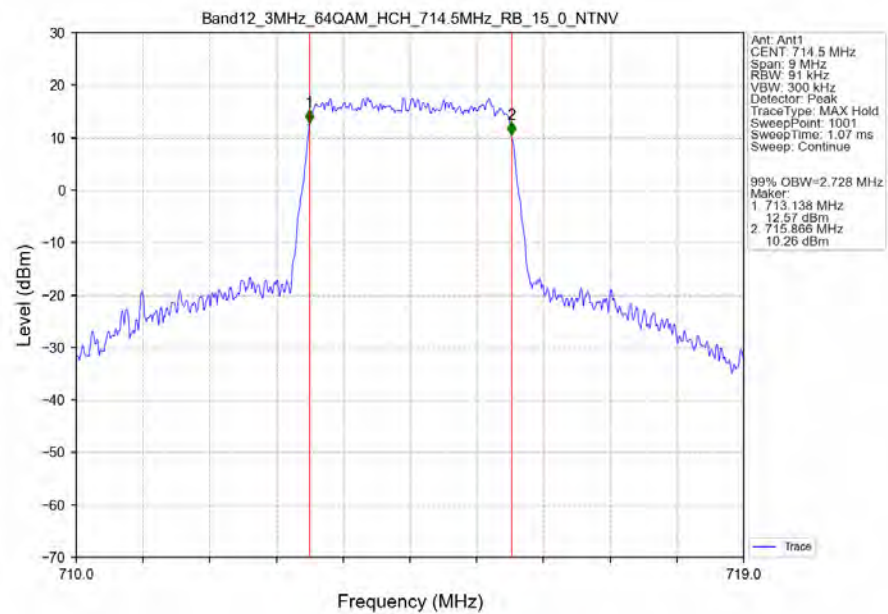
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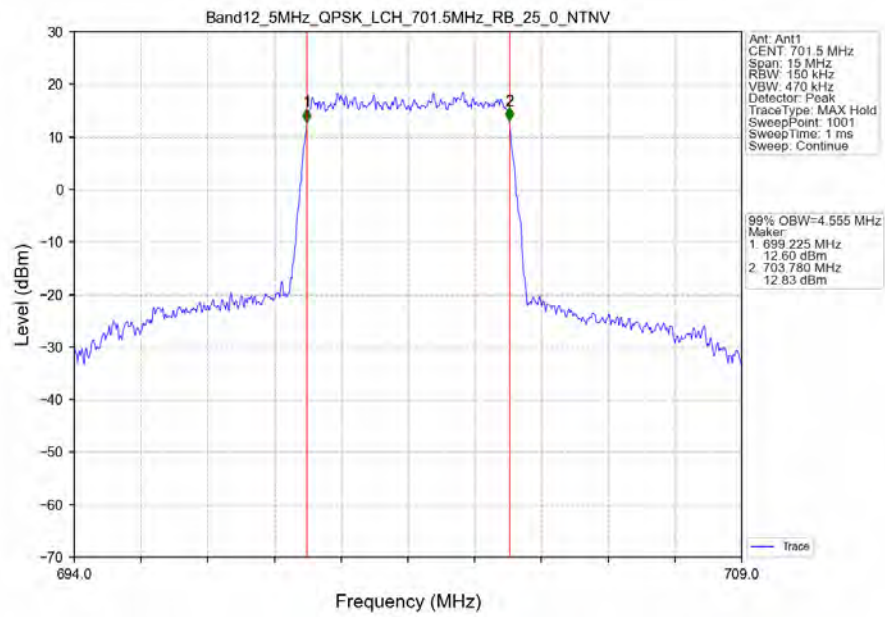
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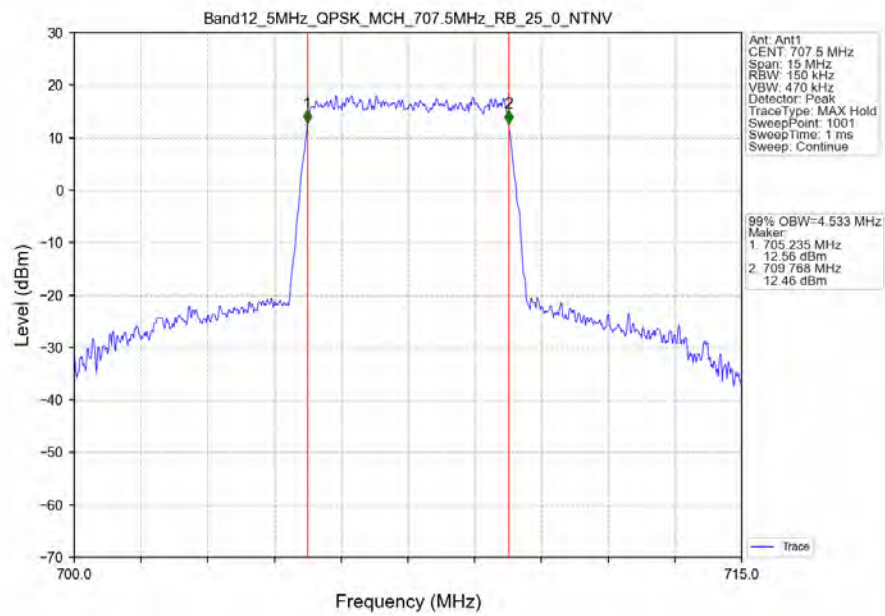
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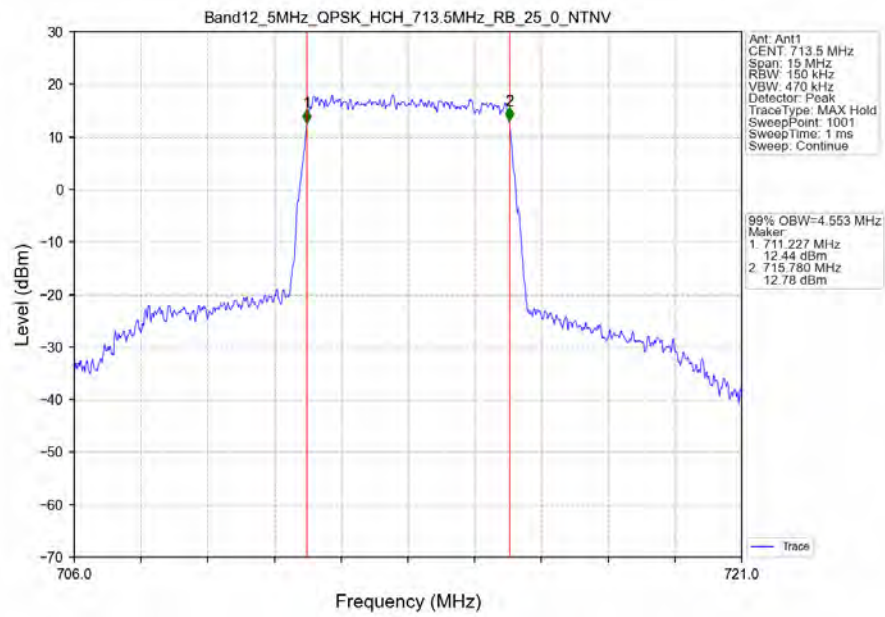
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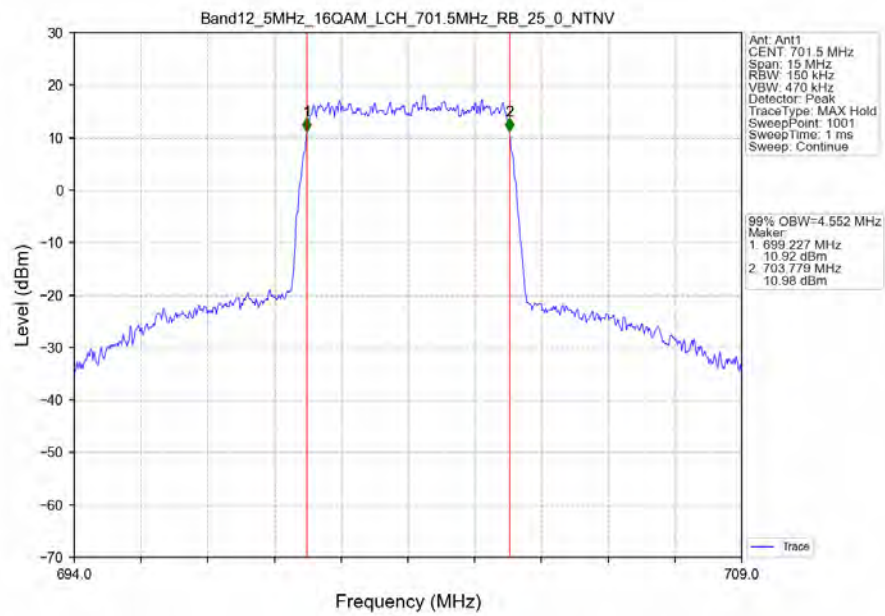
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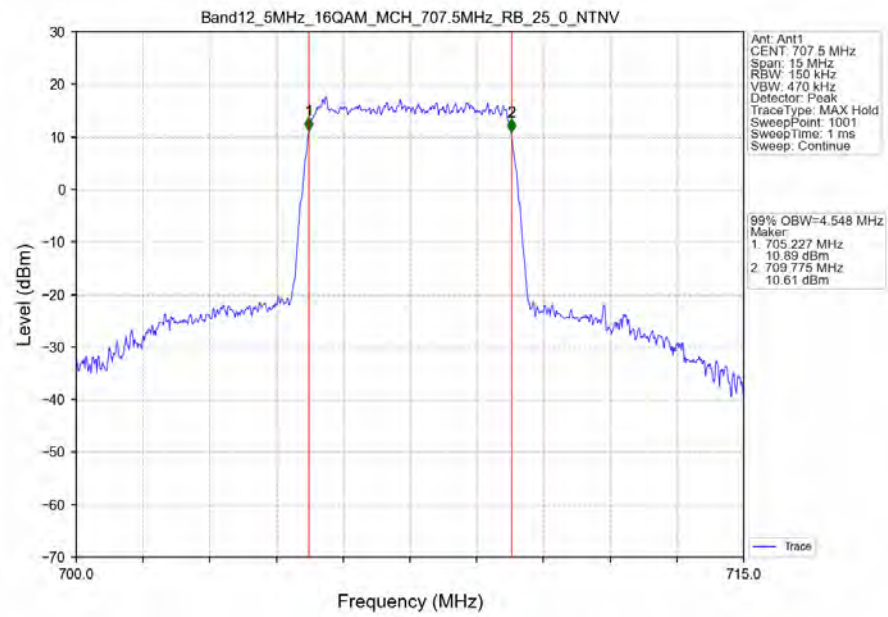
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



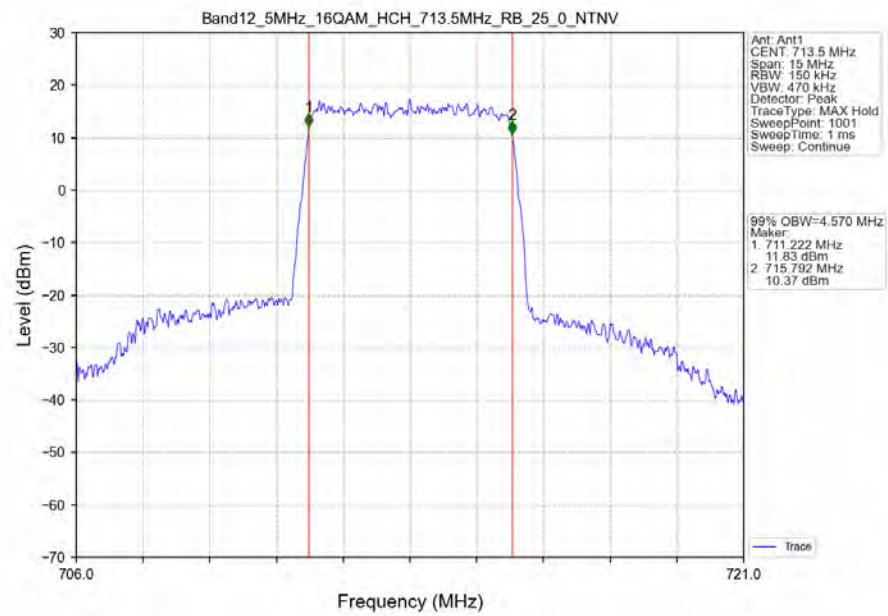
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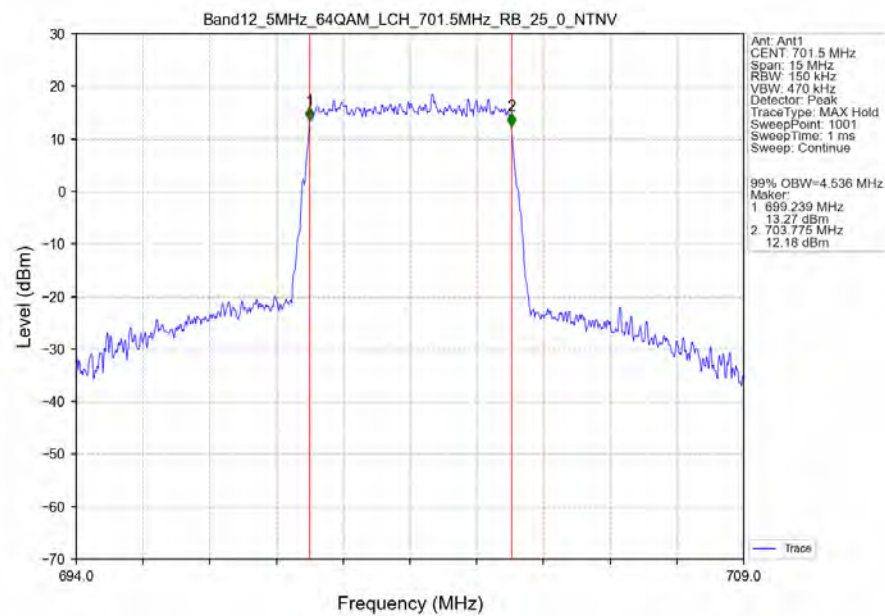
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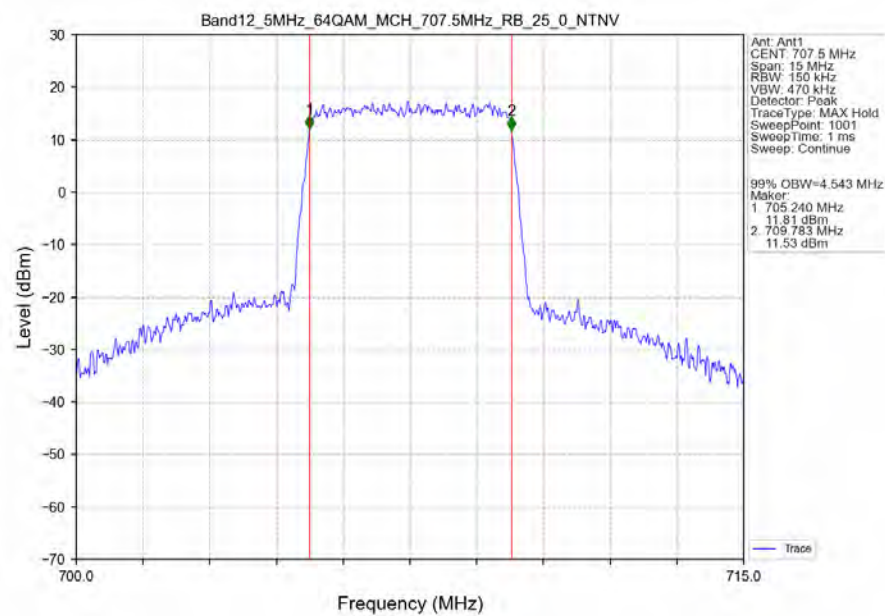
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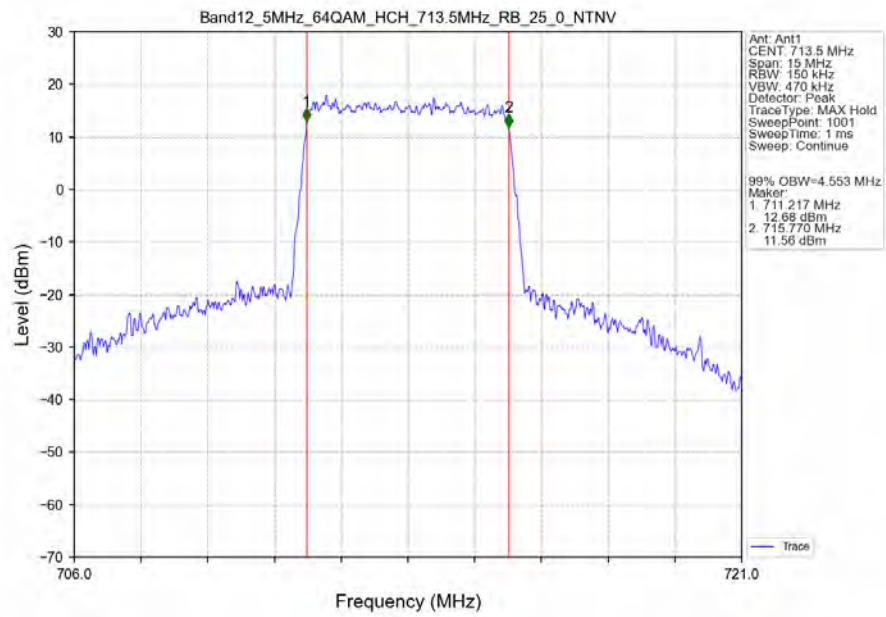
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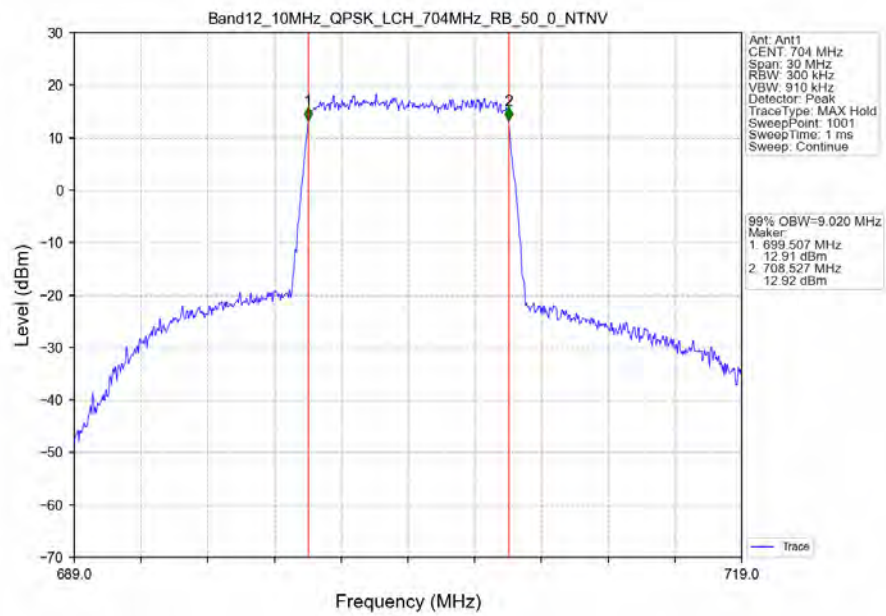
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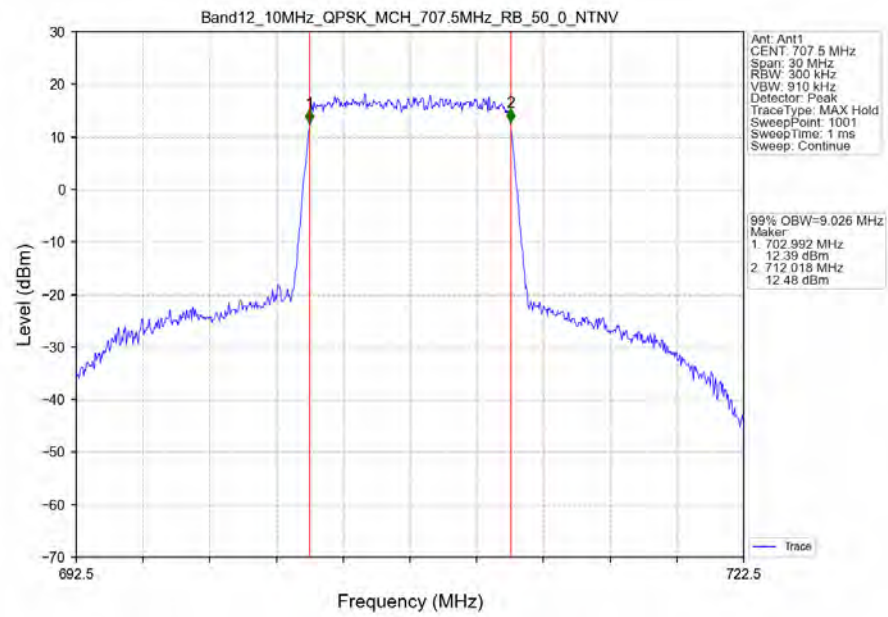
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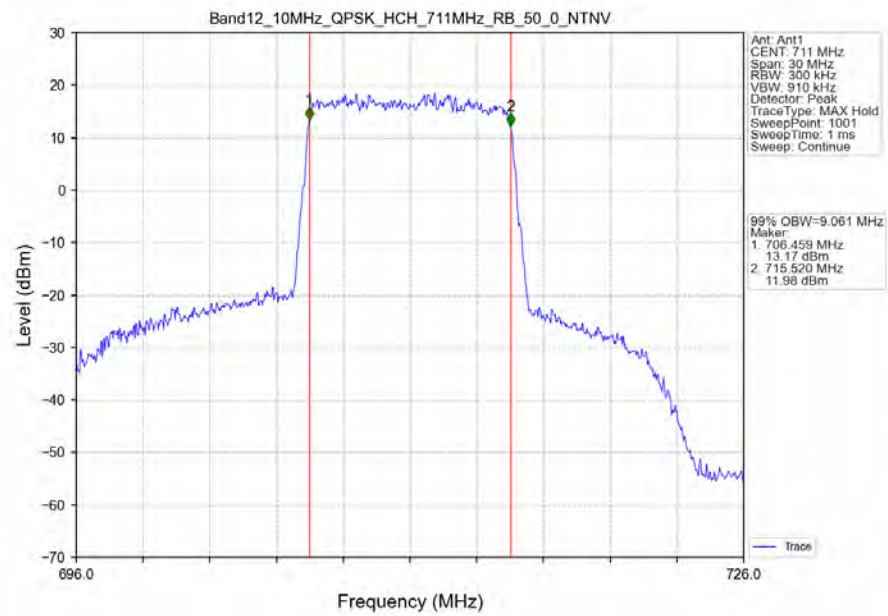
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



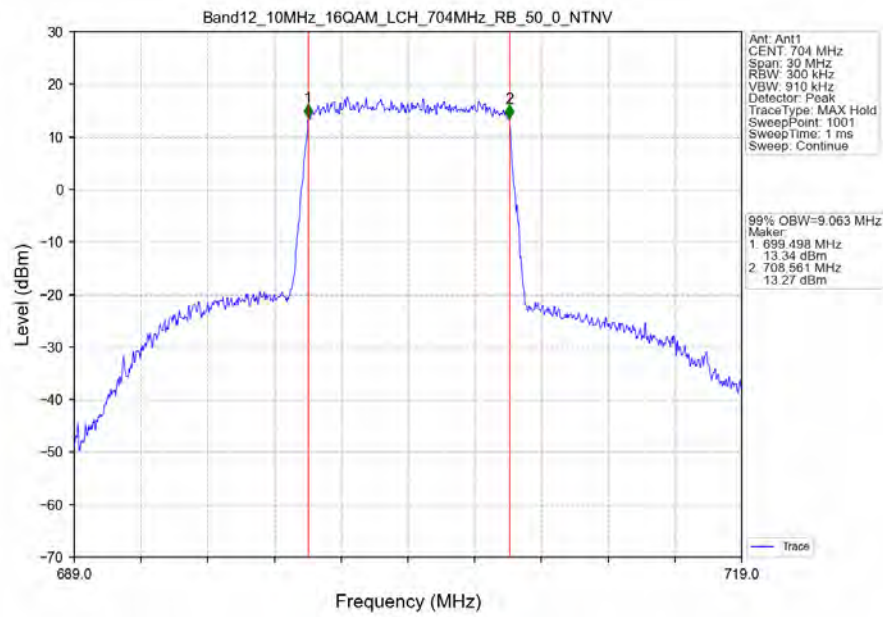
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



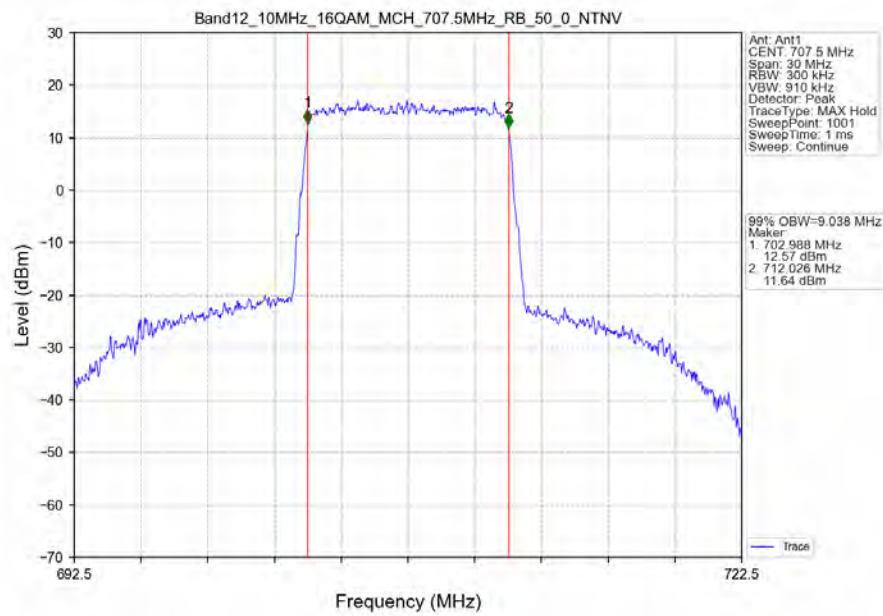
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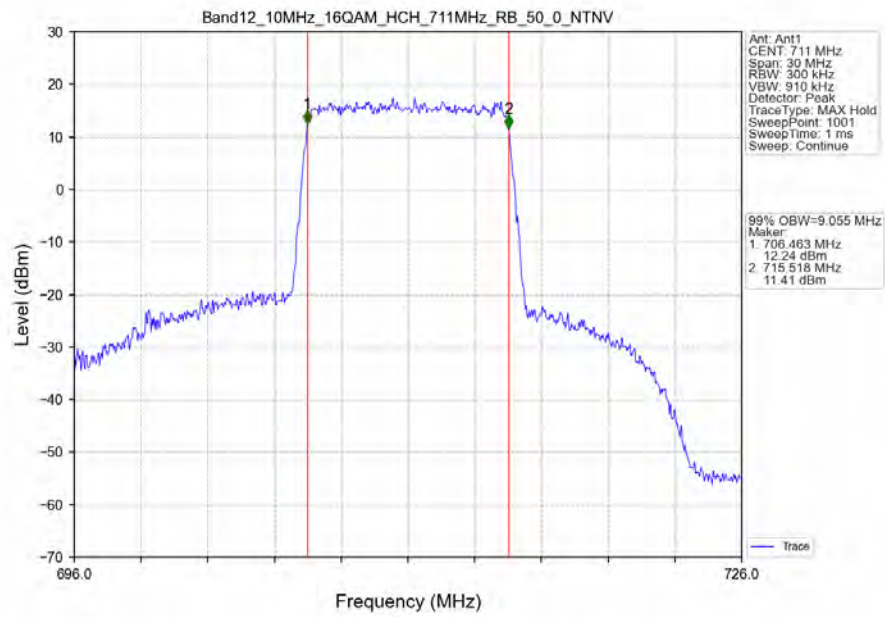
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



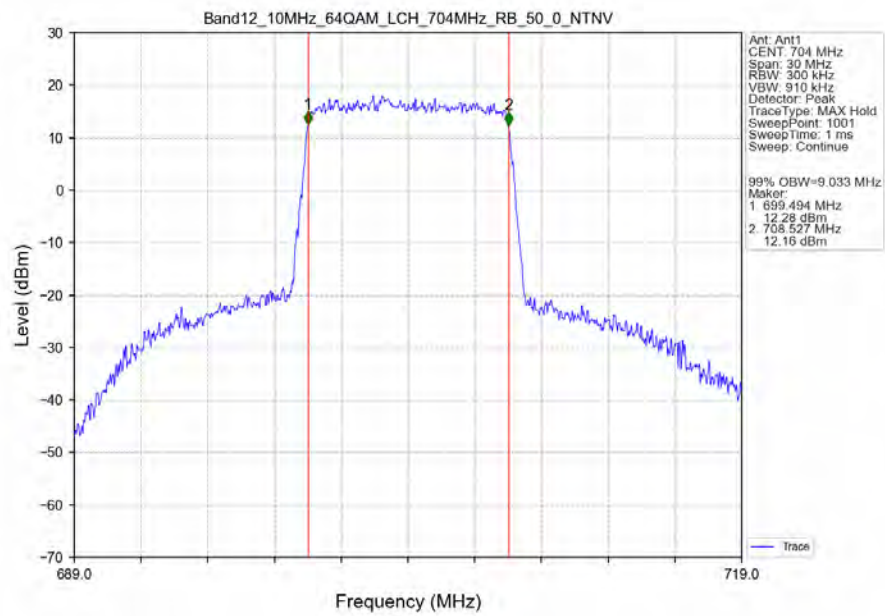
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



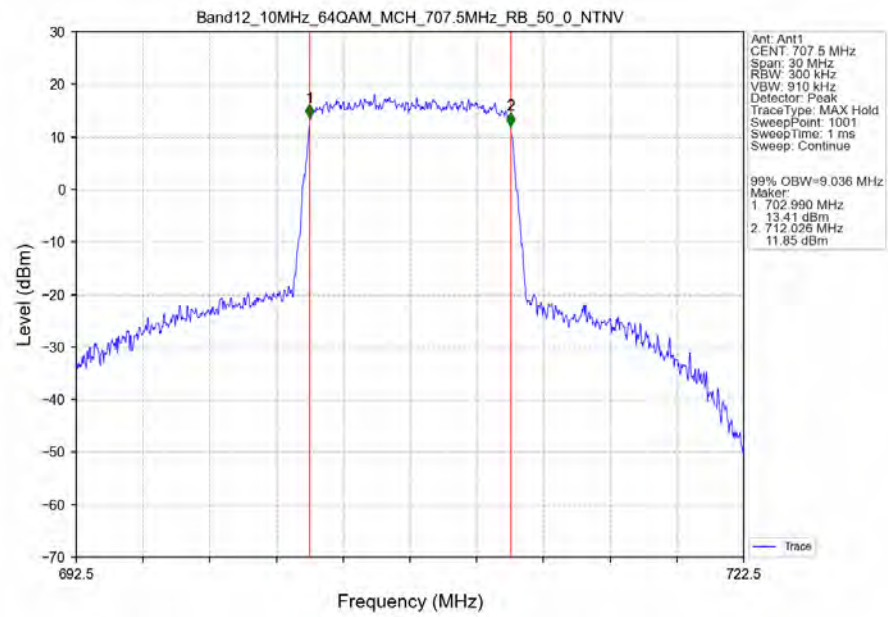
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



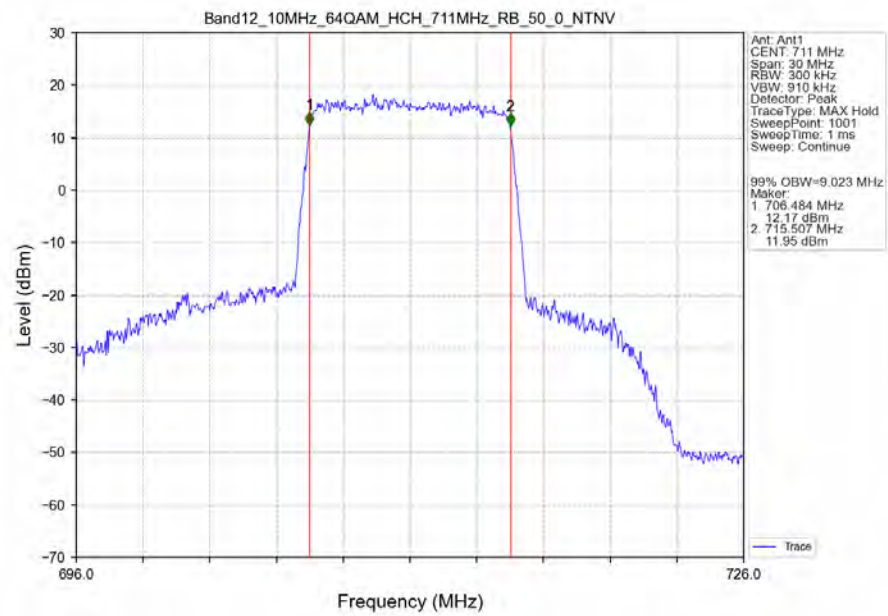
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



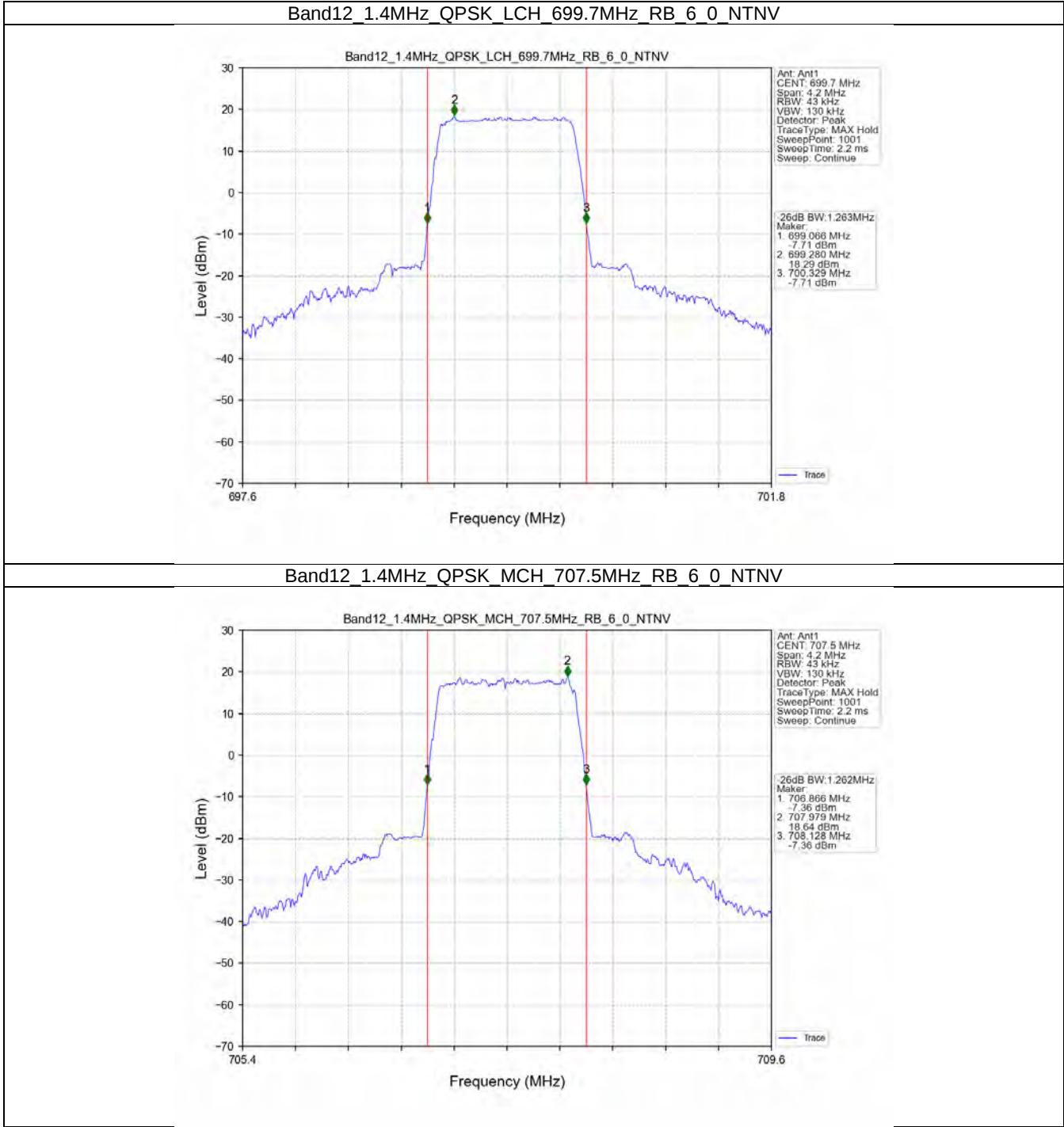
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



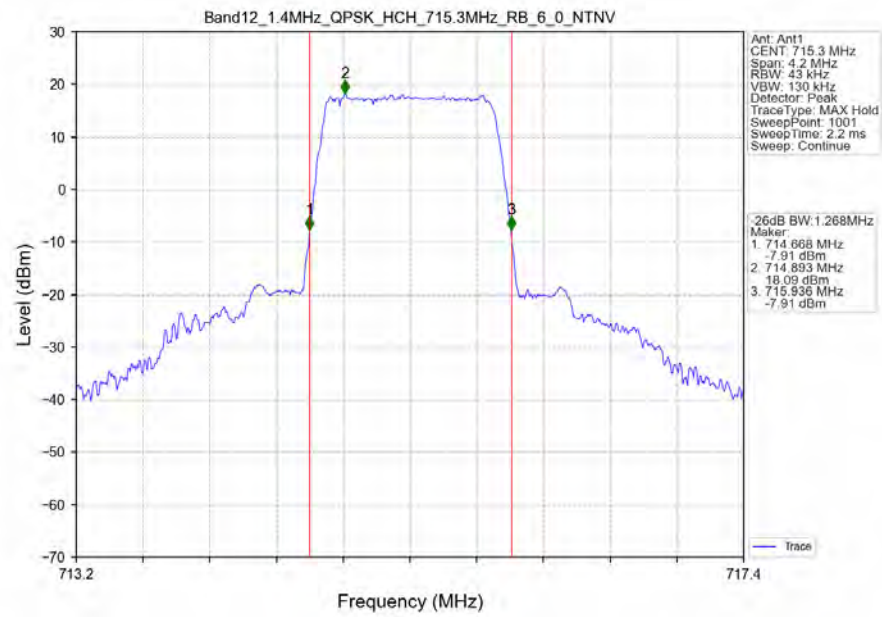
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



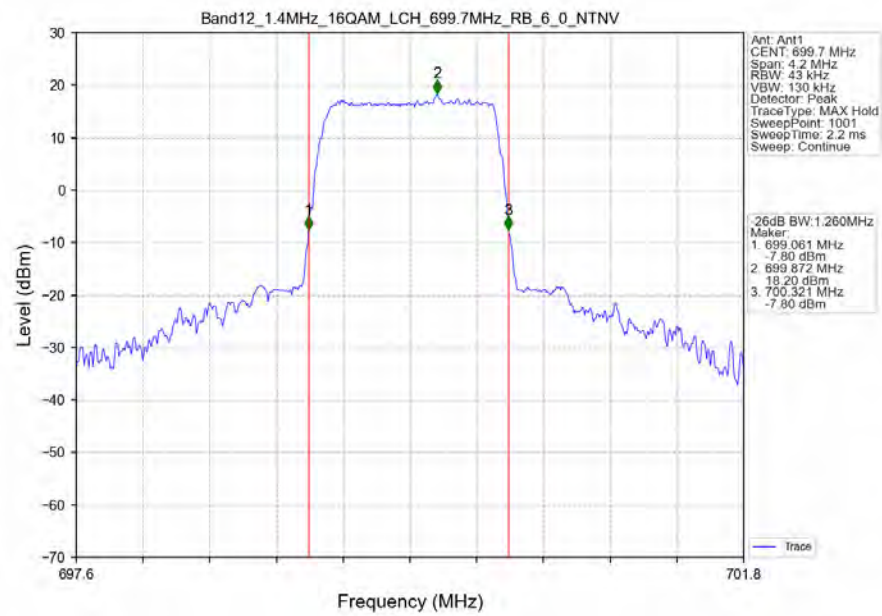
3.2.2 Band12_XDB



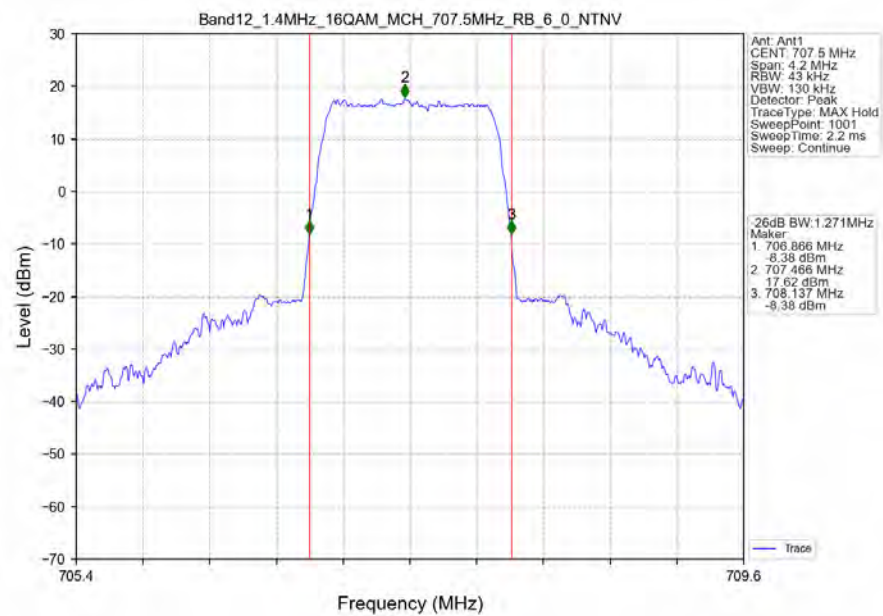
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



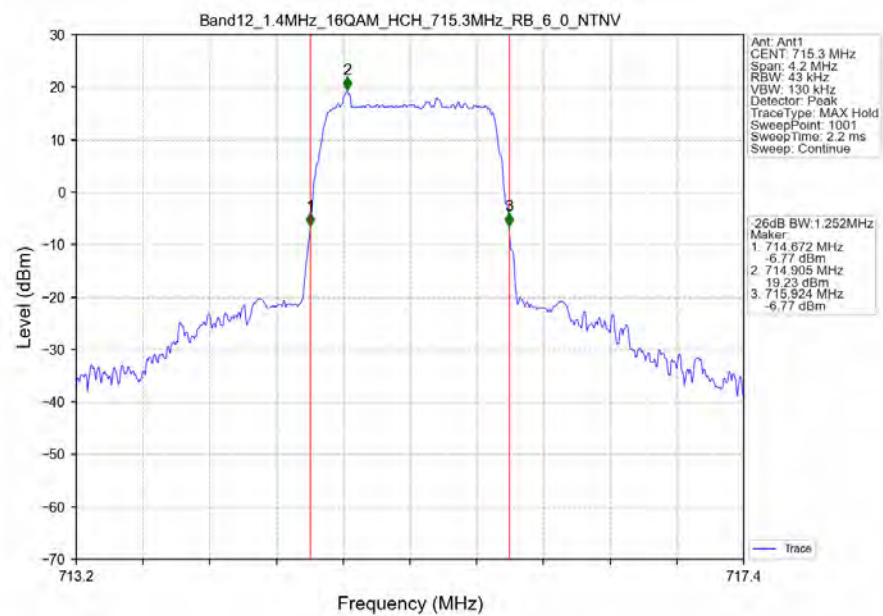
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



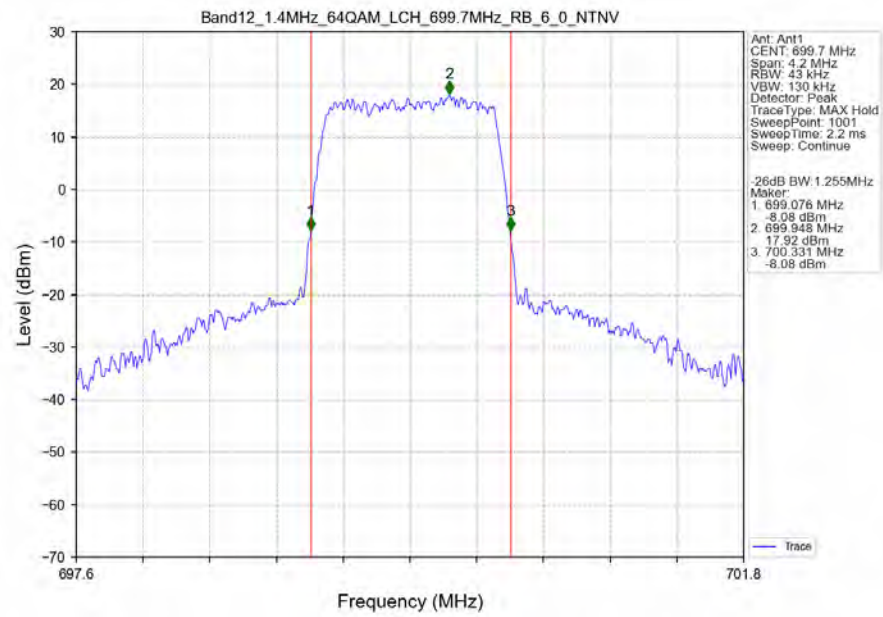
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



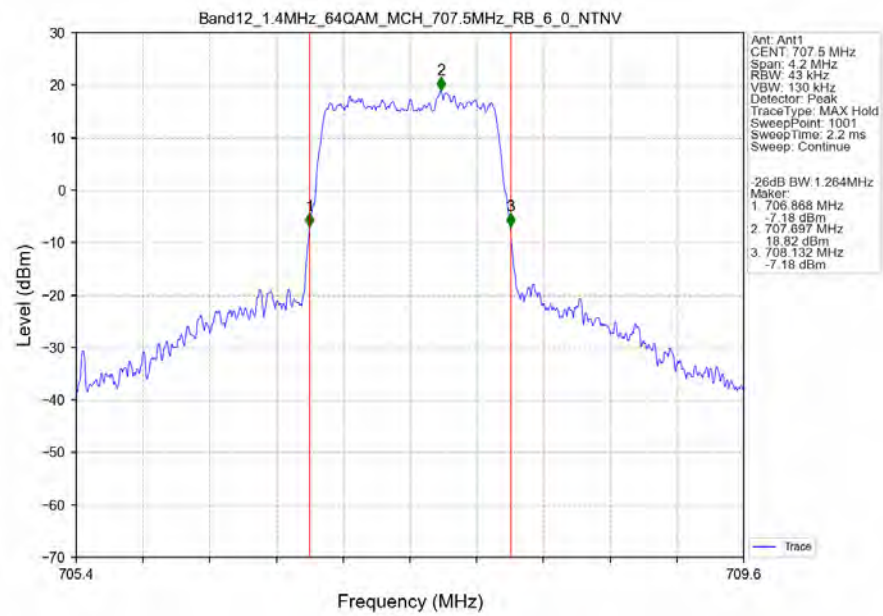
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



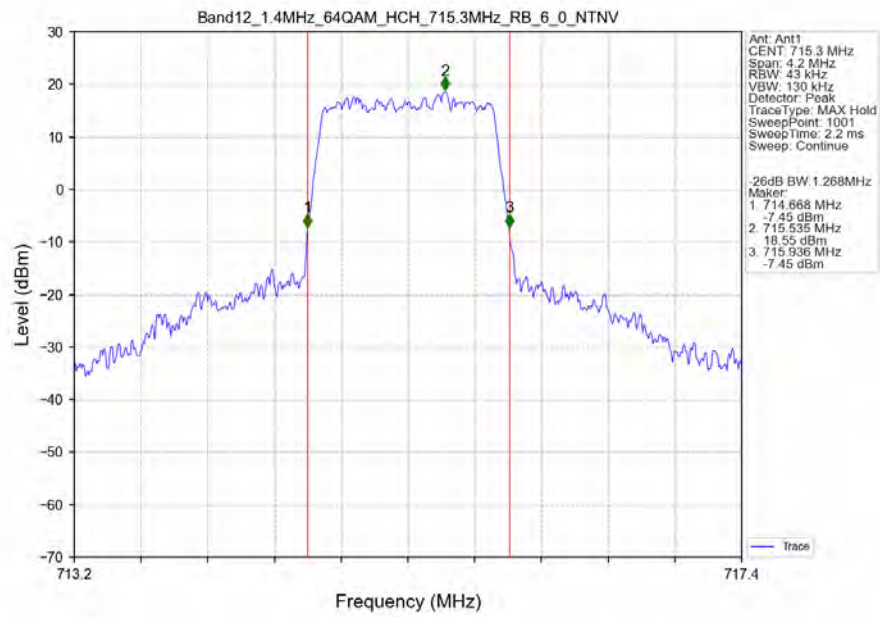
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



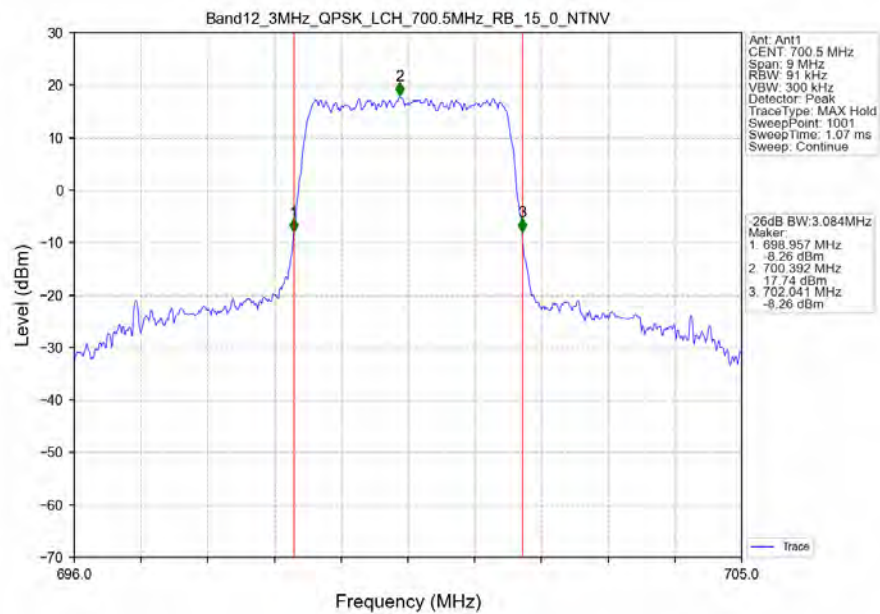
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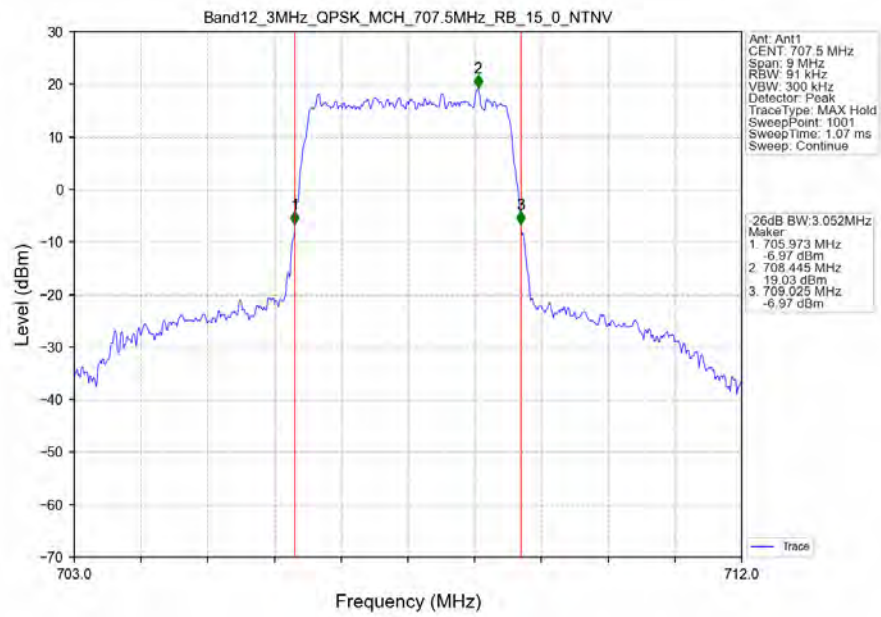
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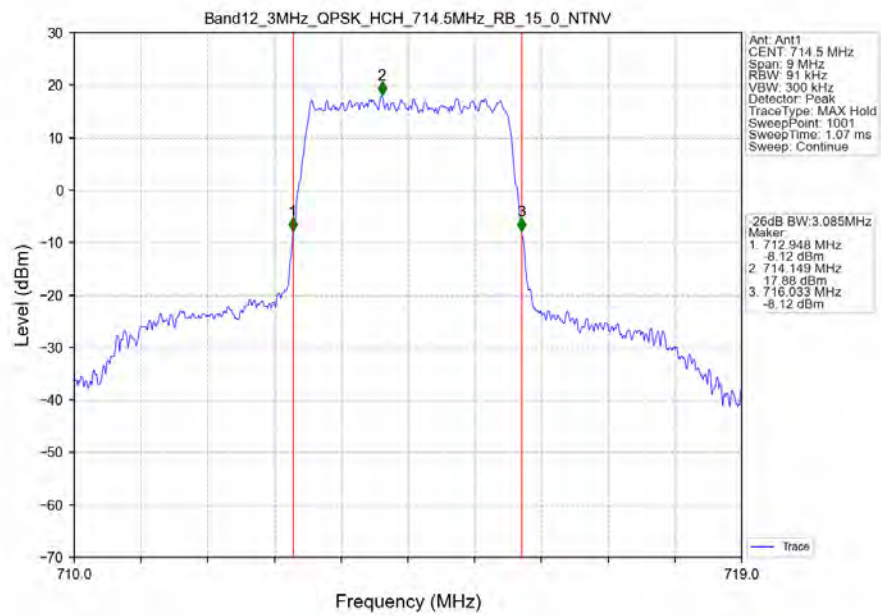
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



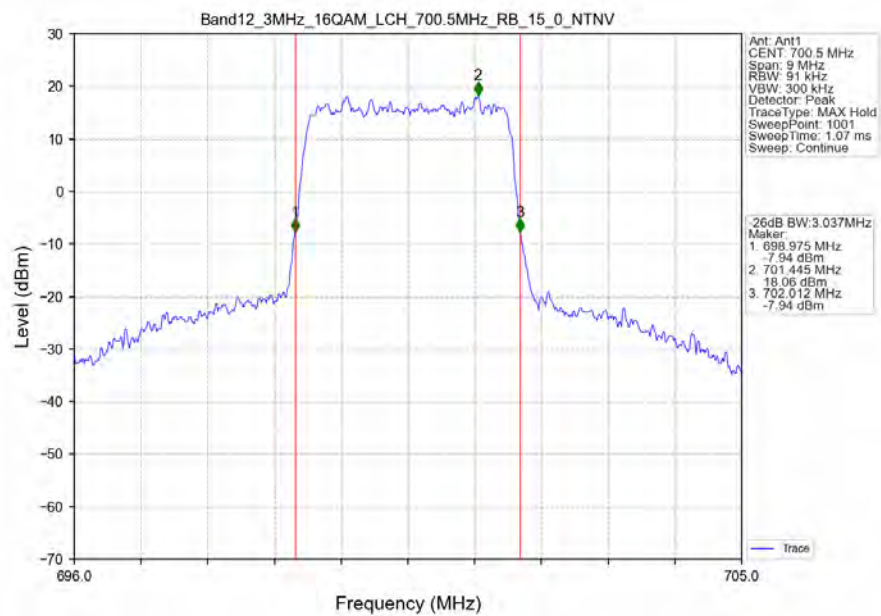
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



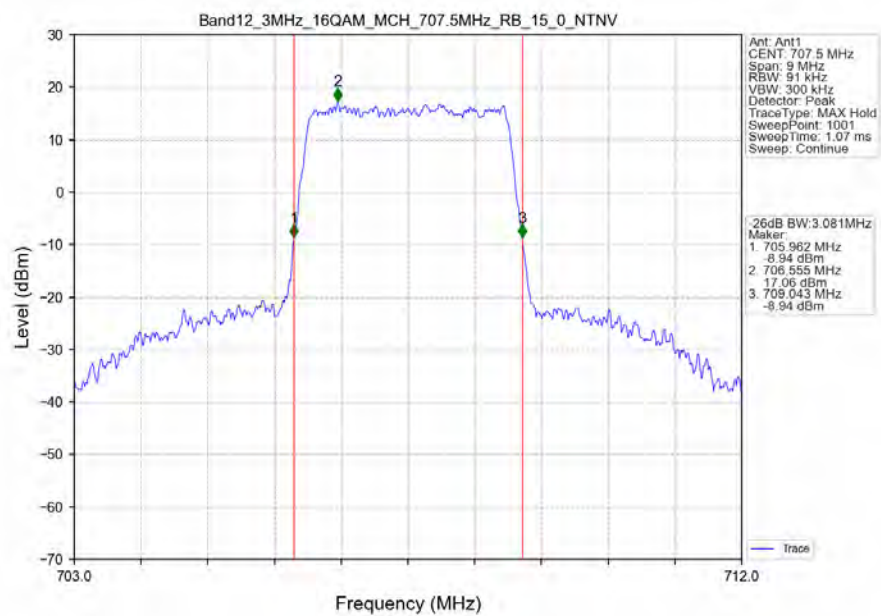
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



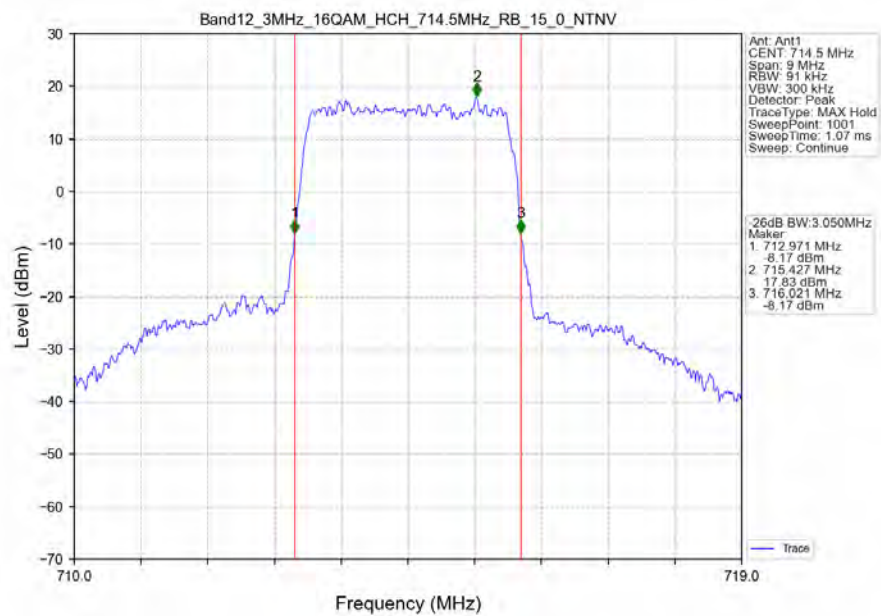
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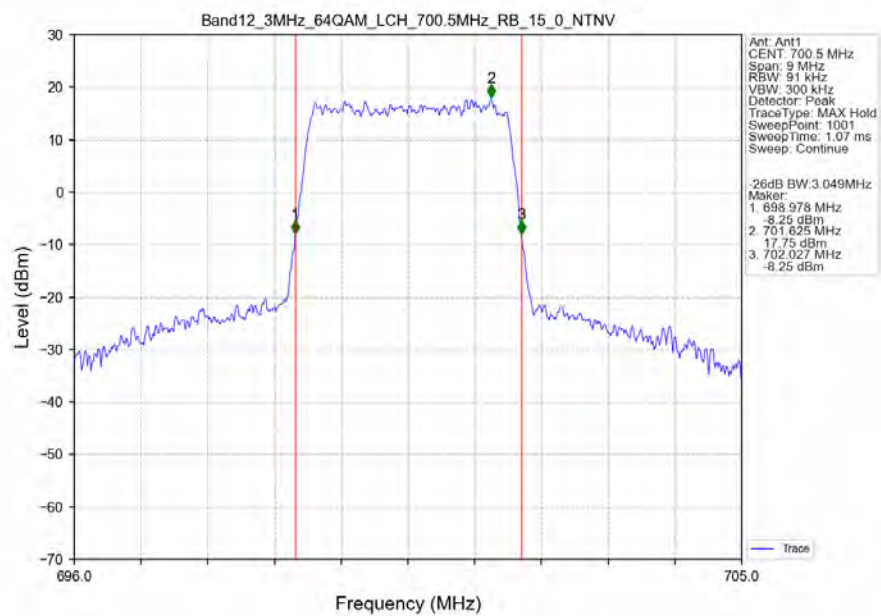
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



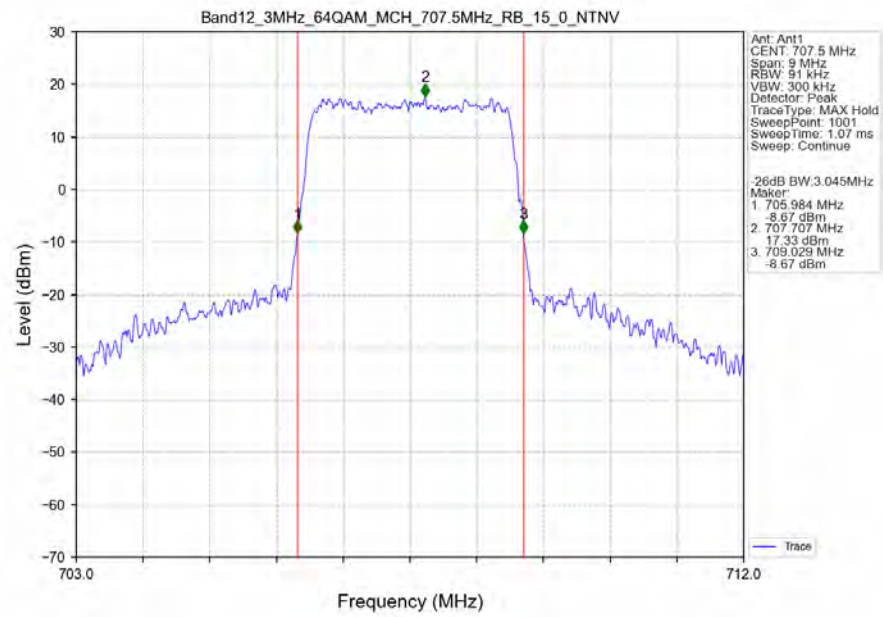
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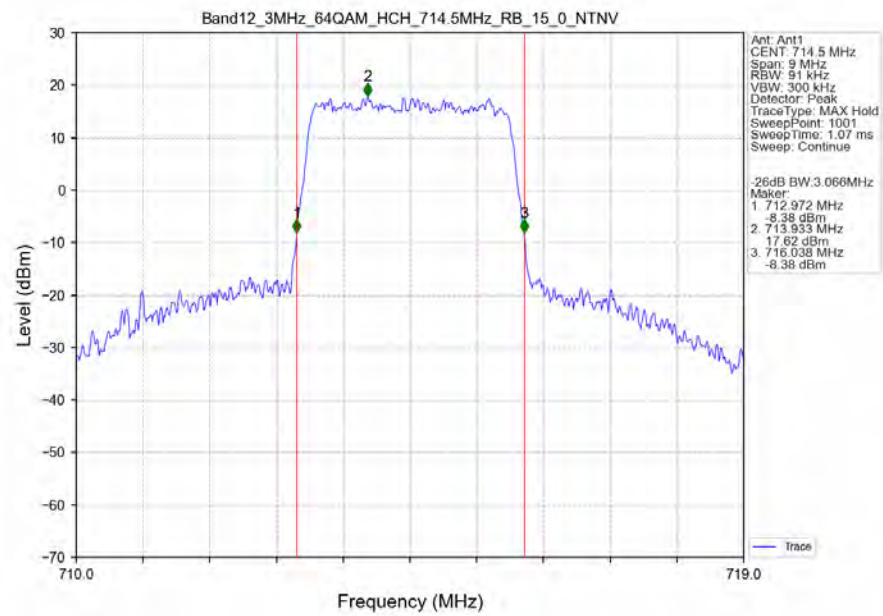
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



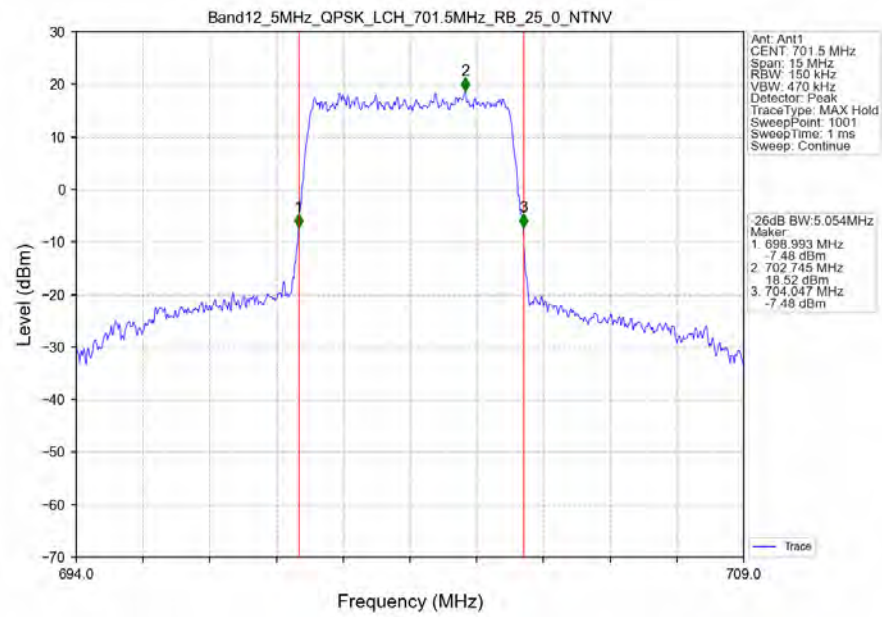
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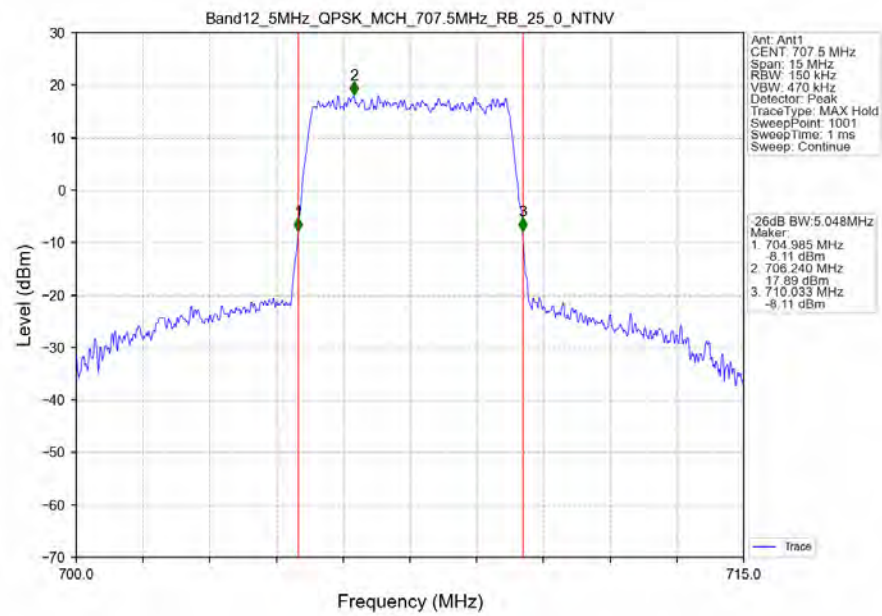
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



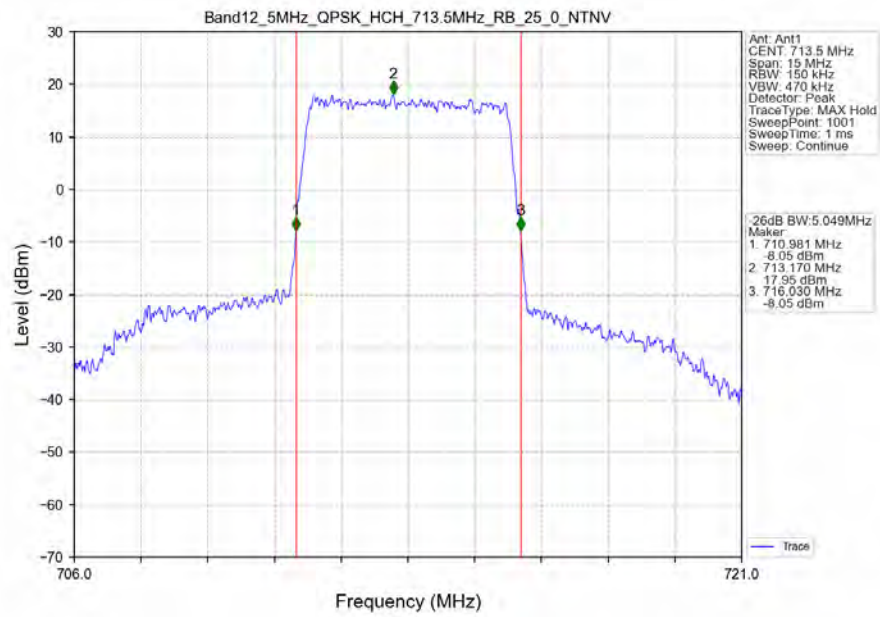
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



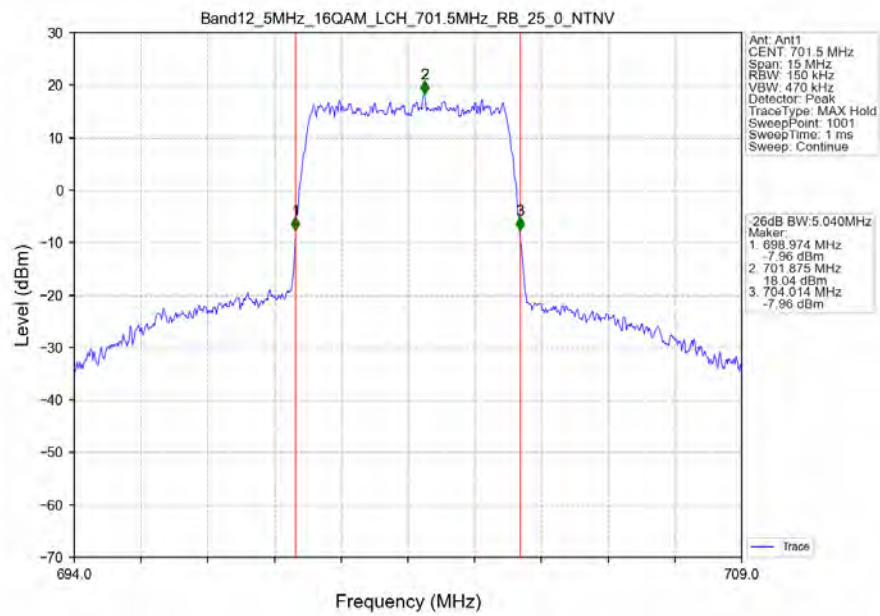
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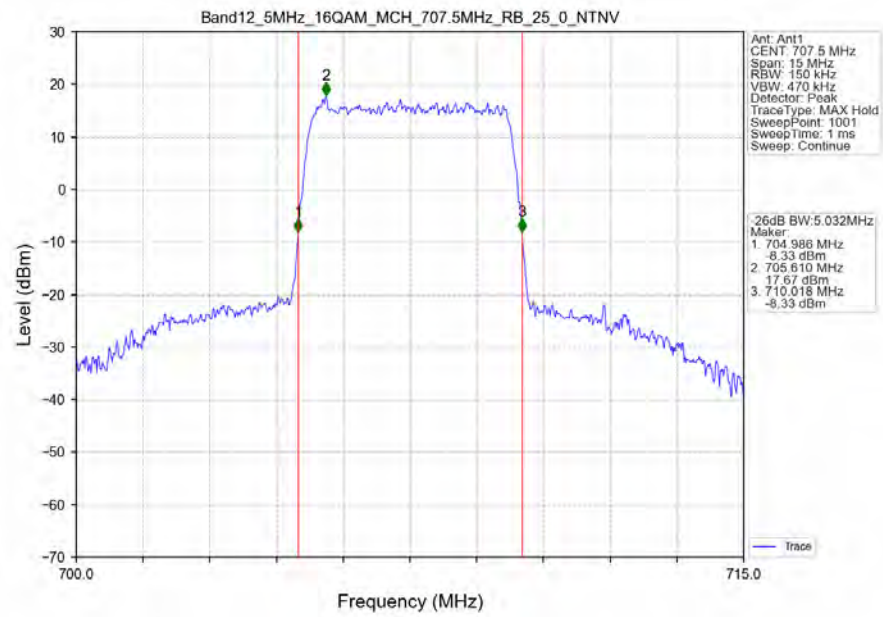
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



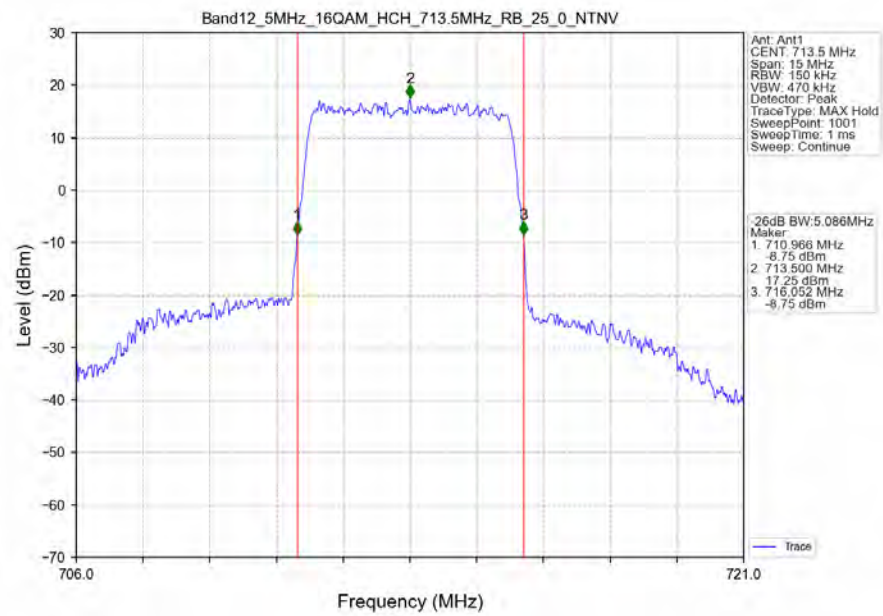
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



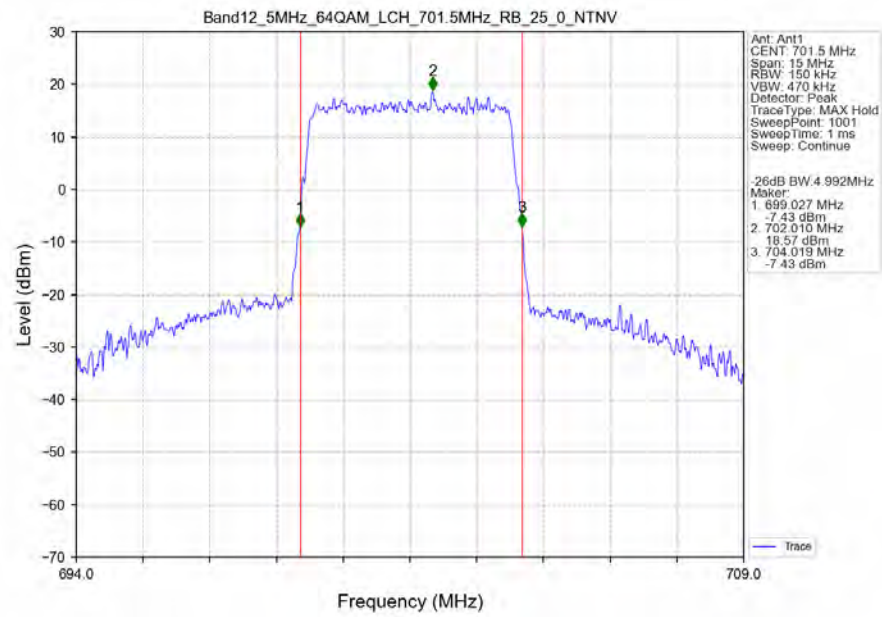
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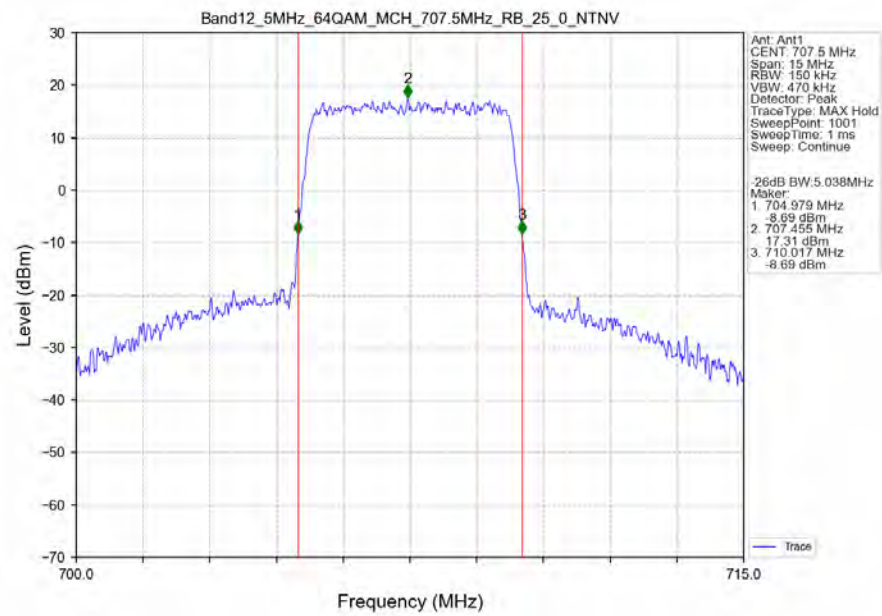
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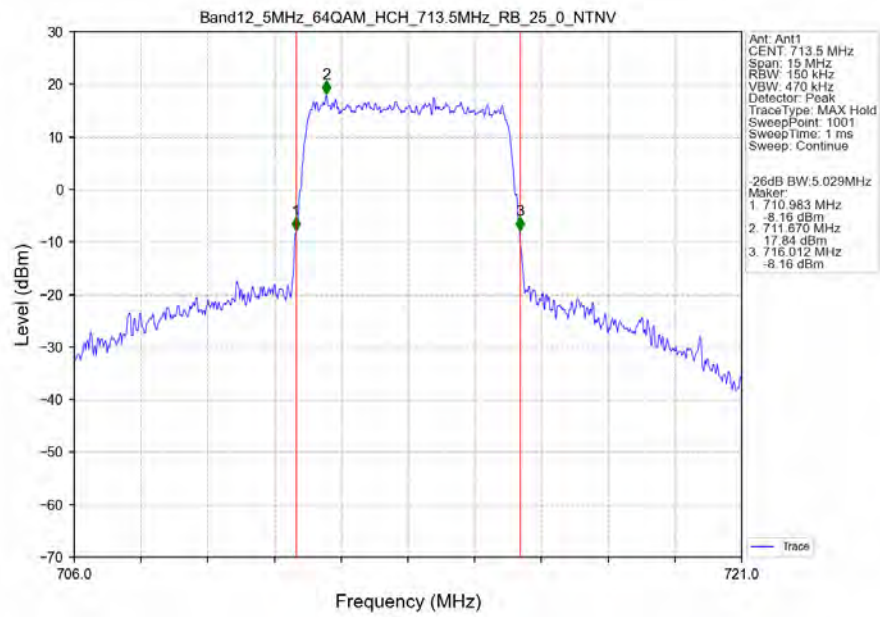
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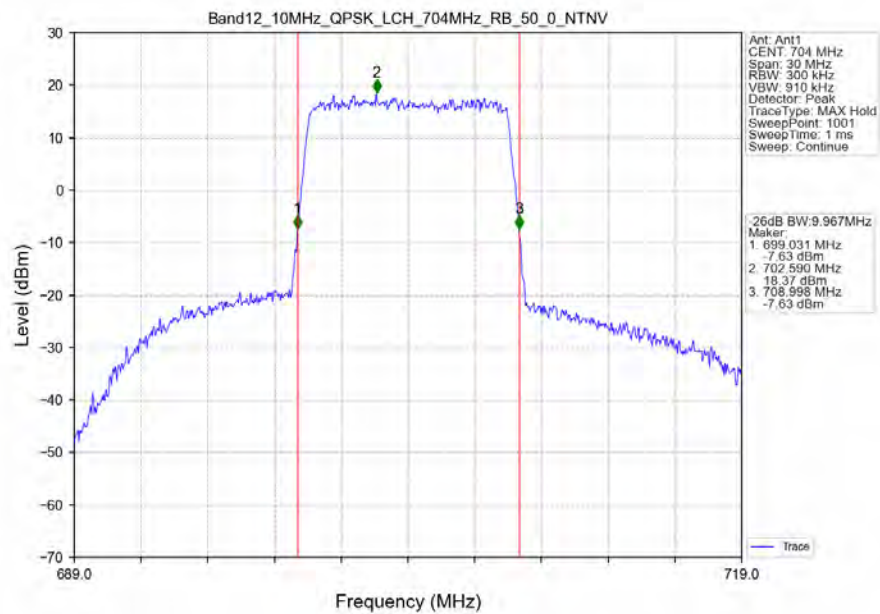
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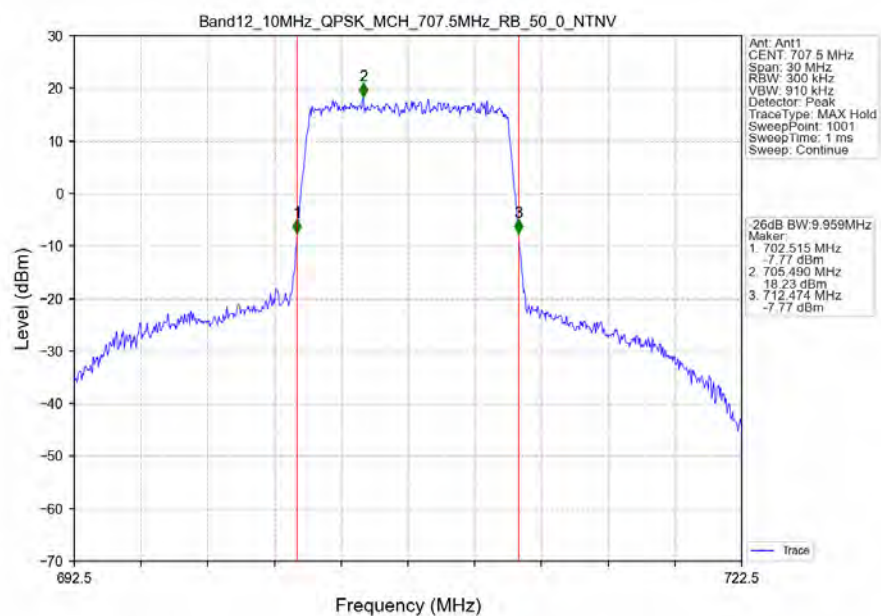
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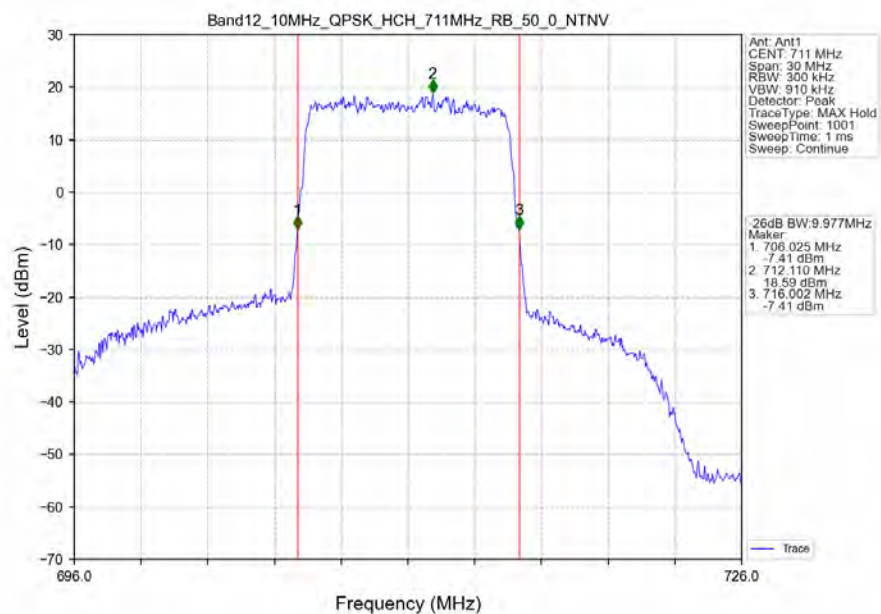
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



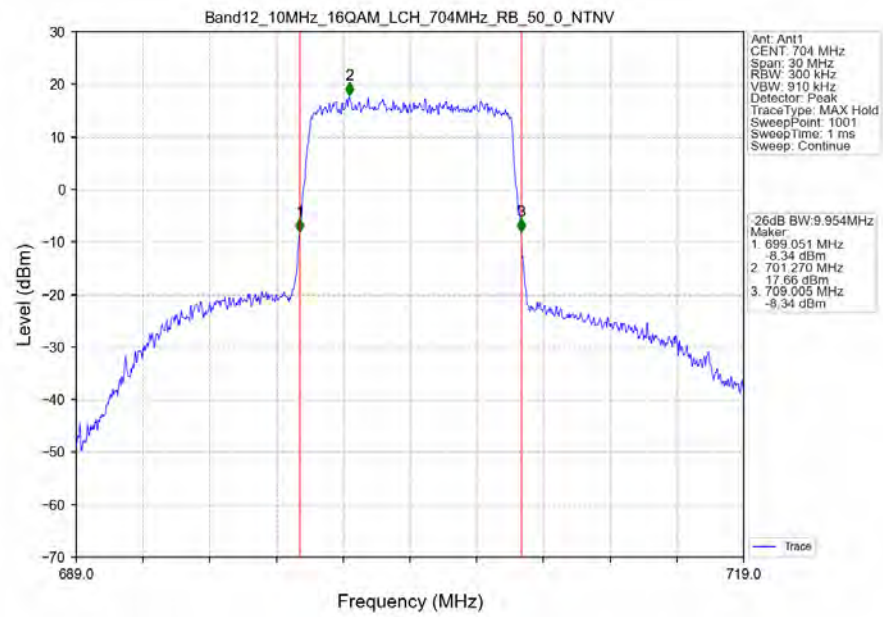
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



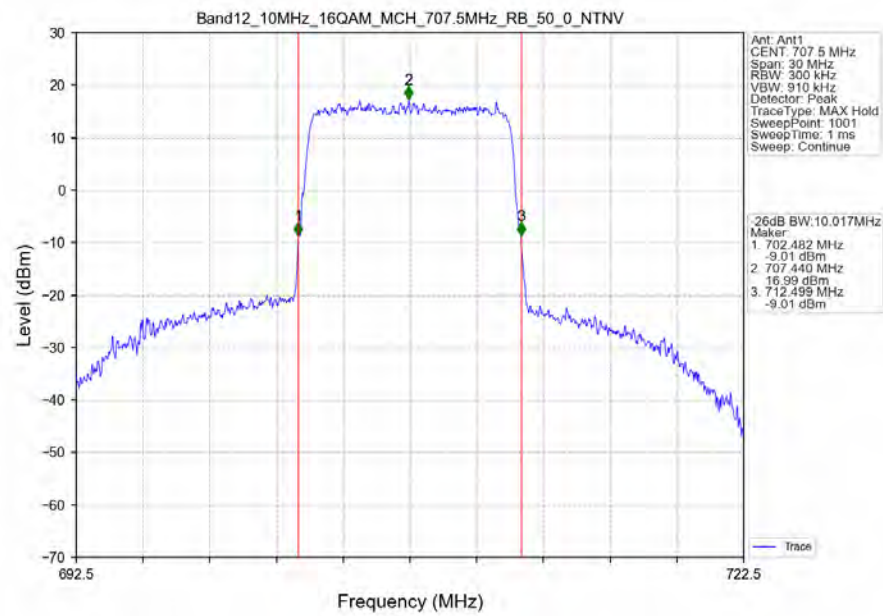
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



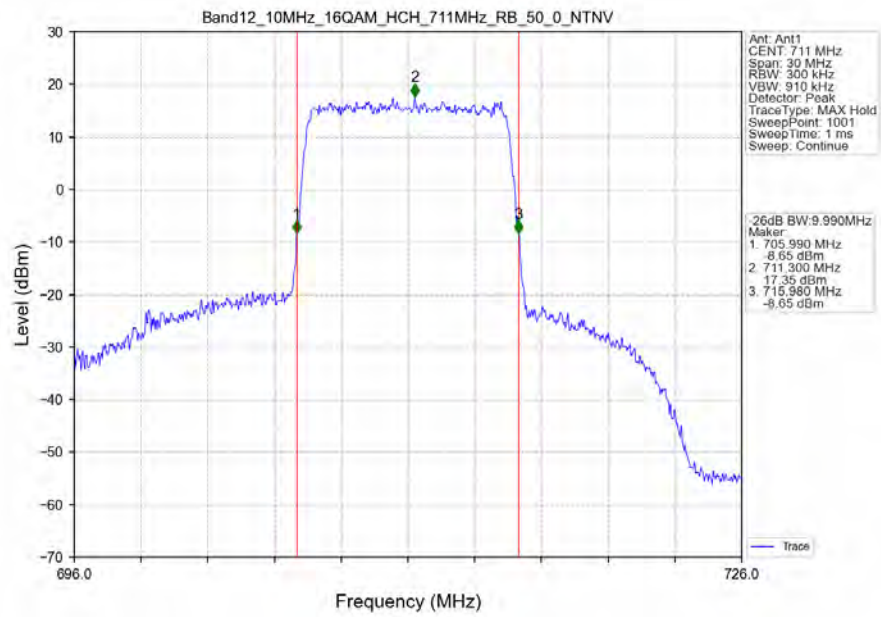
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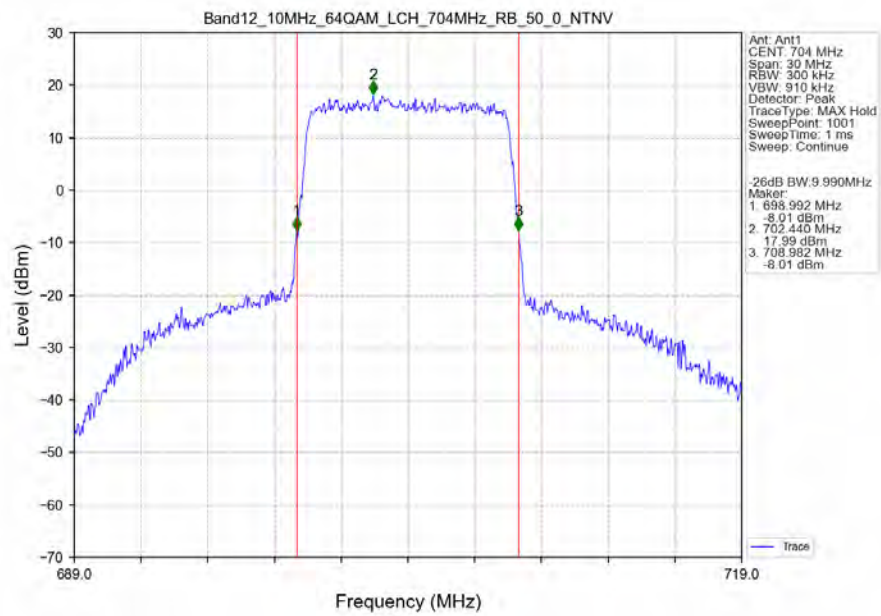
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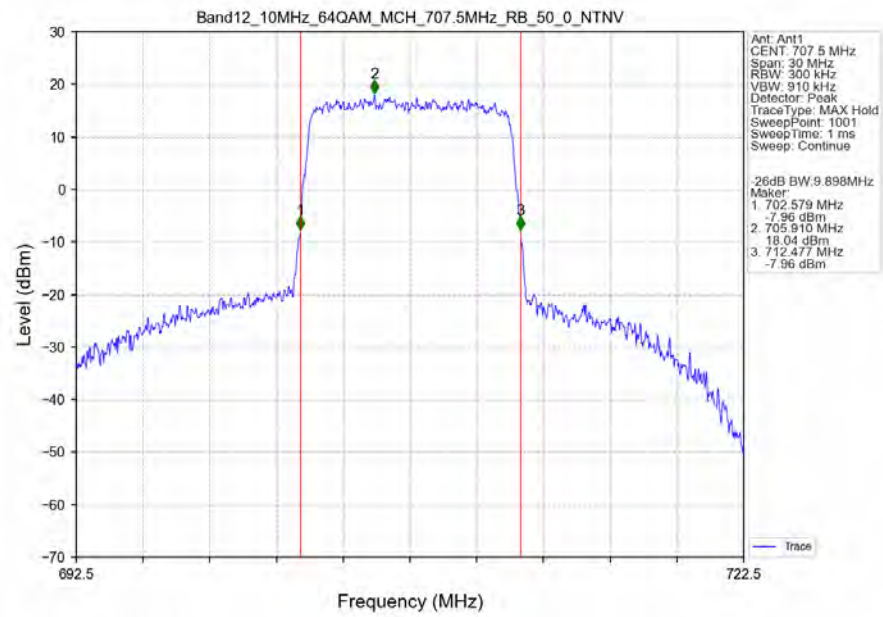
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



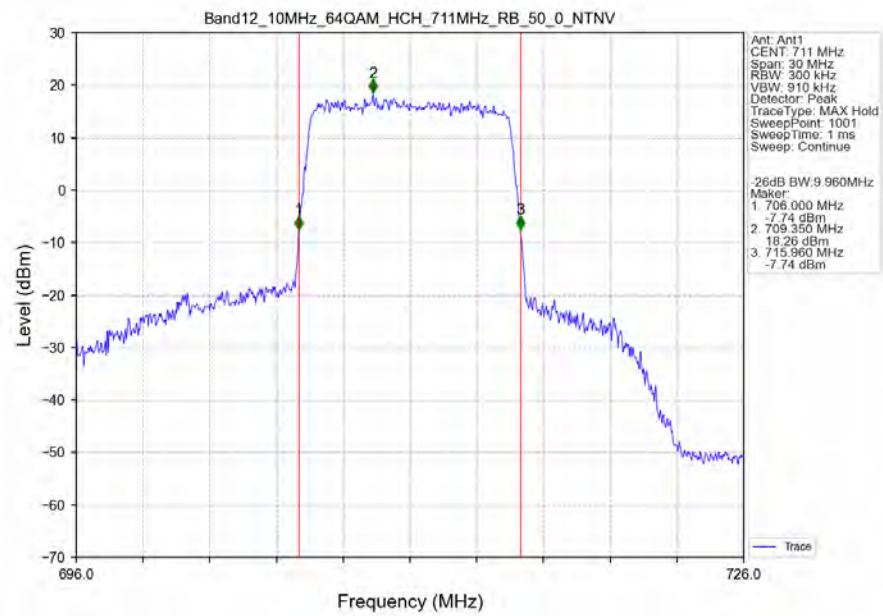
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



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 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	4.97	<=13	Pass
	707.5	6	0	5.14	<=13	Pass
	715.3	6	0	4.98	<=13	Pass
16QAM	699.7	6	0	9.06	<=13	Pass
	707.5	6	0	5.96	<=13	Pass
	715.3	6	0	5.85	<=13	Pass
64QAM	699.7	6	0	6.50	<=13	Pass
	707.5	6	0	6.45	<=13	Pass
	715.3	6	0	5.89	<=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	5.00	<=13	Pass
	707.5	15	0	5.10	<=13	Pass
	714.5	15	0	4.95	<=13	Pass
16QAM	700.5	15	0	8.66	<=13	Pass
	707.5	15	0	5.94	<=13	Pass
	714.5	15	0	5.81	<=13	Pass
64QAM	700.5	15	0	6.42	<=13	Pass
	707.5	15	0	6.33	<=13	Pass
	714.5	15	0	5.97	<=13	Pass

4.1.3 B12_5MHz

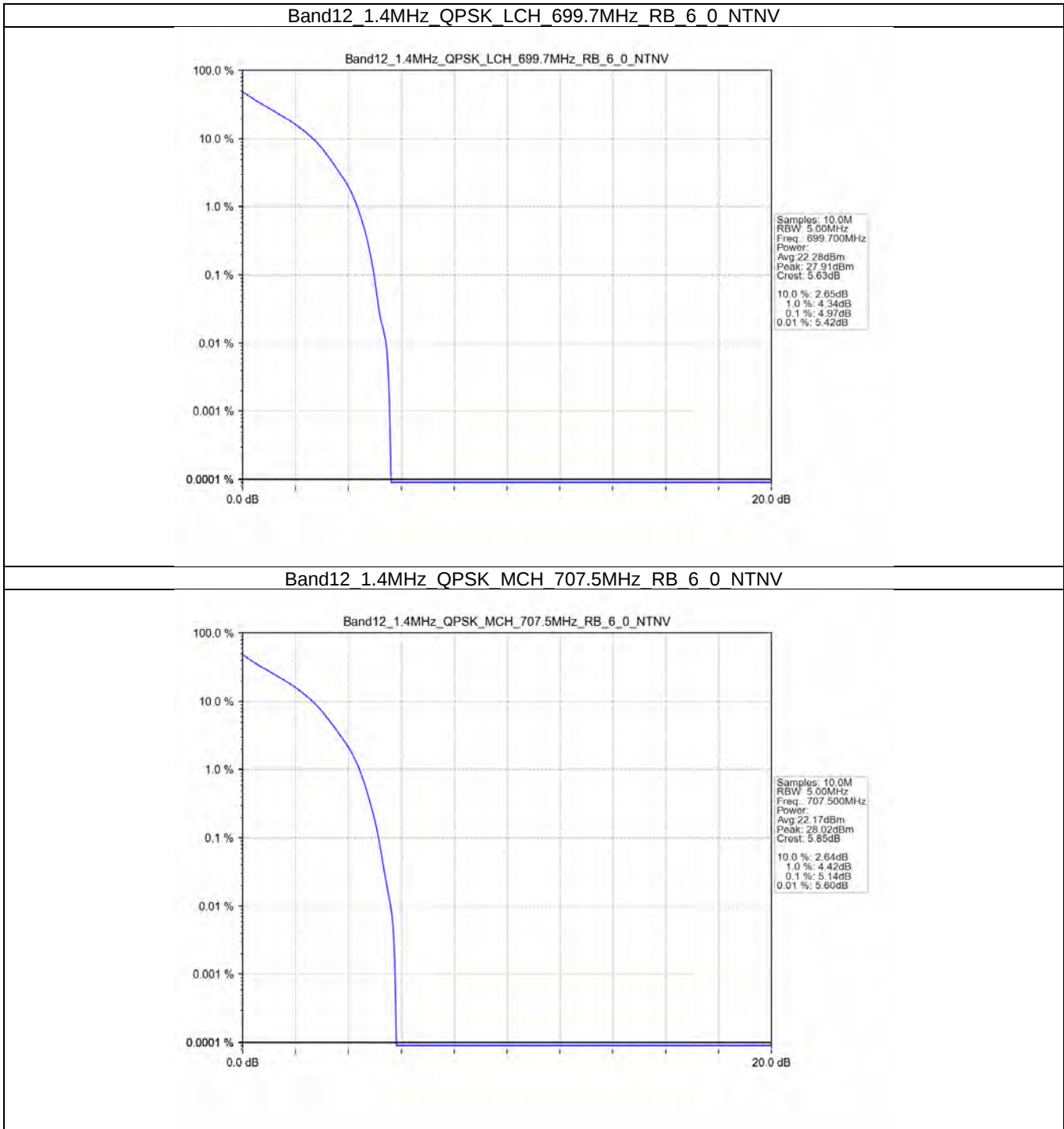
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.14	<=13	Pass
	707.5	25	0	5.19	<=13	Pass
	713.5	25	0	5.11	<=13	Pass
16QAM	701.5	25	0	5.92	<=13	Pass
	707.5	25	0	5.97	<=13	Pass
	713.5	25	0	5.86	<=13	Pass
64QAM	701.5	25	0	6.46	<=13	Pass
	707.5	25	0	6.45	<=13	Pass
	713.5	25	0	6.15	<=13	Pass

4.1.4 B12_10MHz

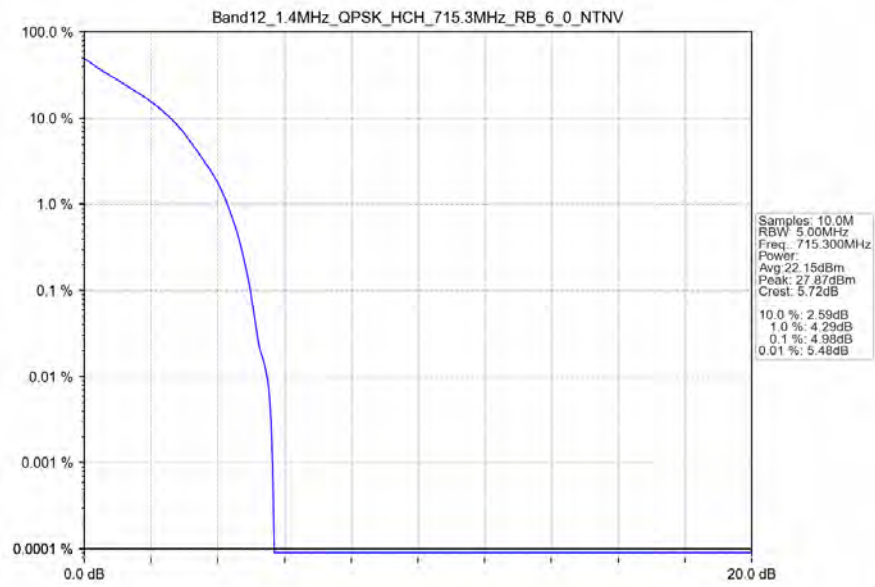
Band: 12 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.10	<=13	Pass
	707.5	50	0	5.12	<=13	Pass
	711	50	0	5.04	<=13	Pass
16QAM	704	50	0	5.91	<=13	Pass
	707.5	50	0	5.94	<=13	Pass
	711	50	0	5.85	<=13	Pass
64QAM	704	50	0	6.39	<=13	Pass
	707.5	50	0	6.31	<=13	Pass
	711	50	0	6.18	<=13	Pass

4.2 Test Graph

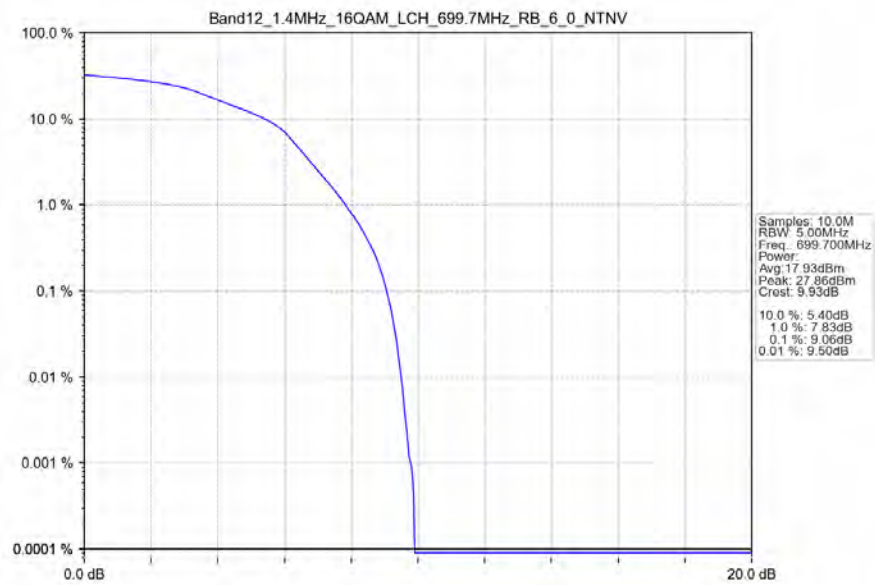
4.2.1 B12_1.4MHz



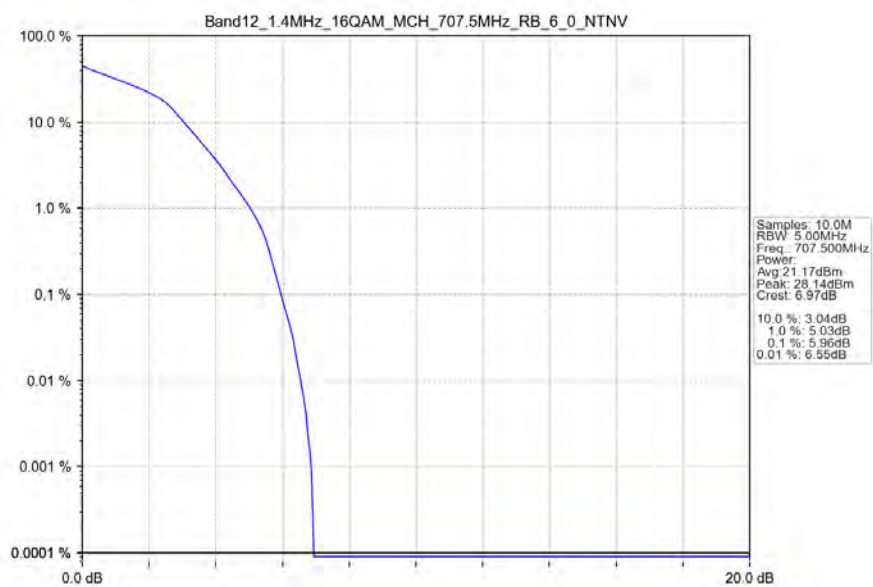
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



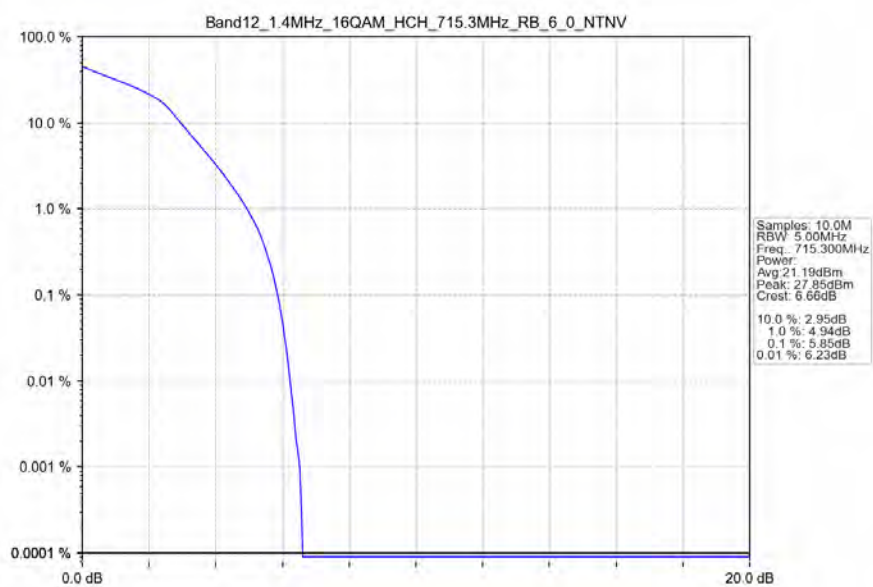
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



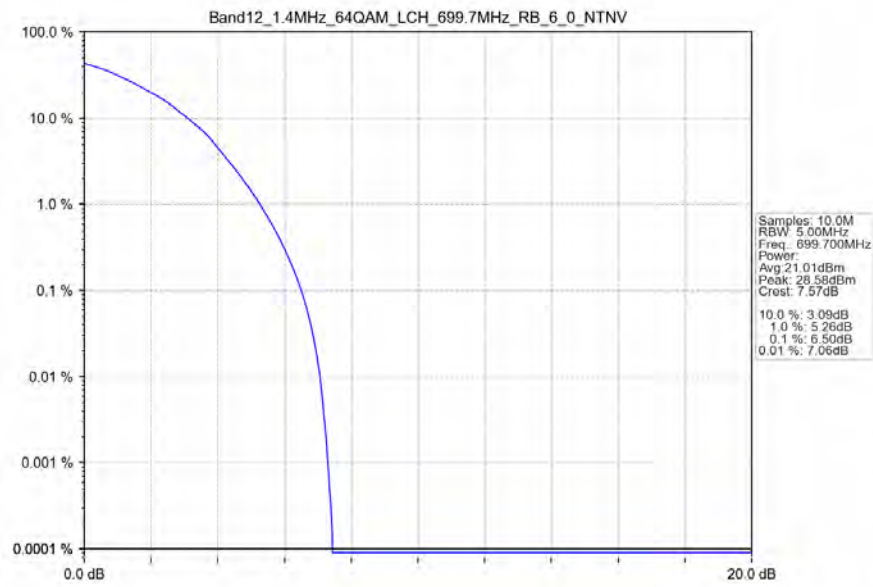
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



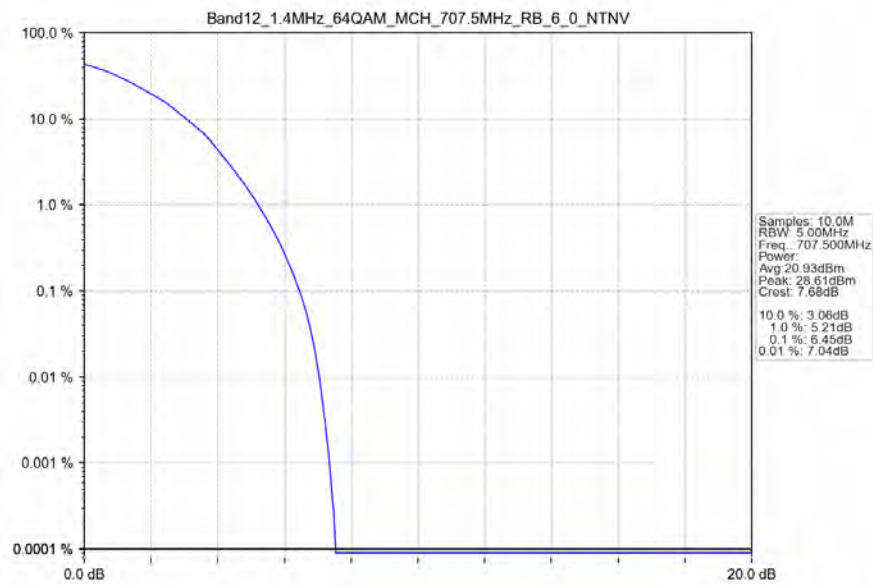
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



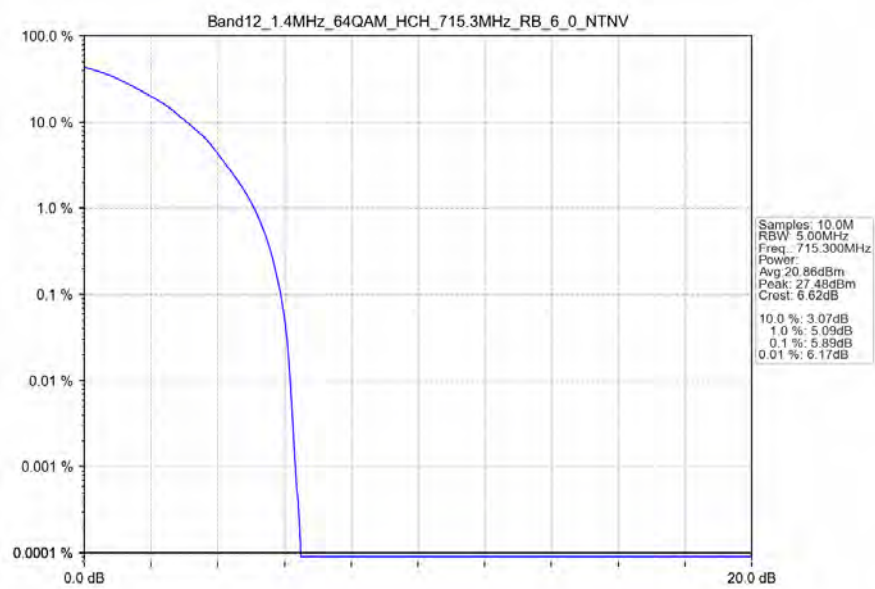
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



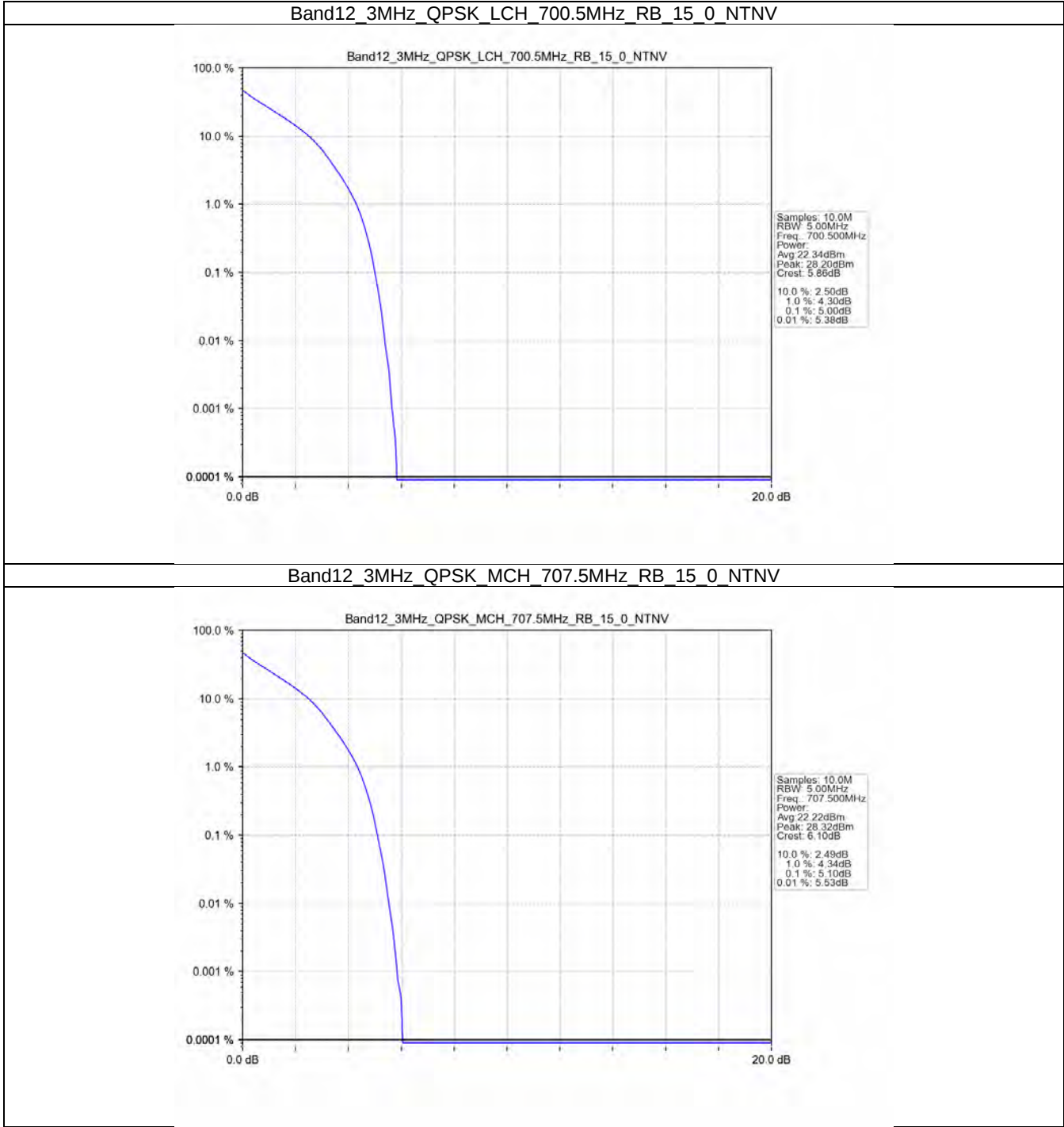
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



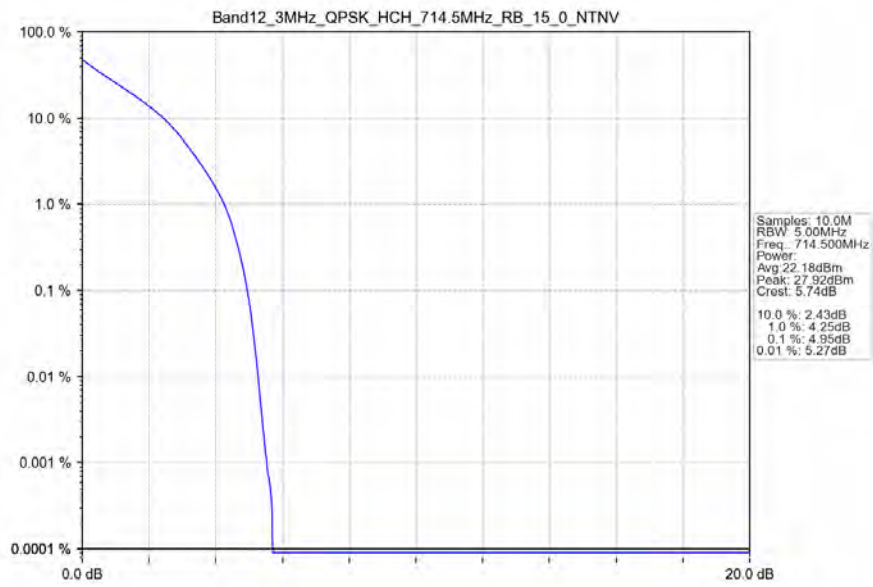
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



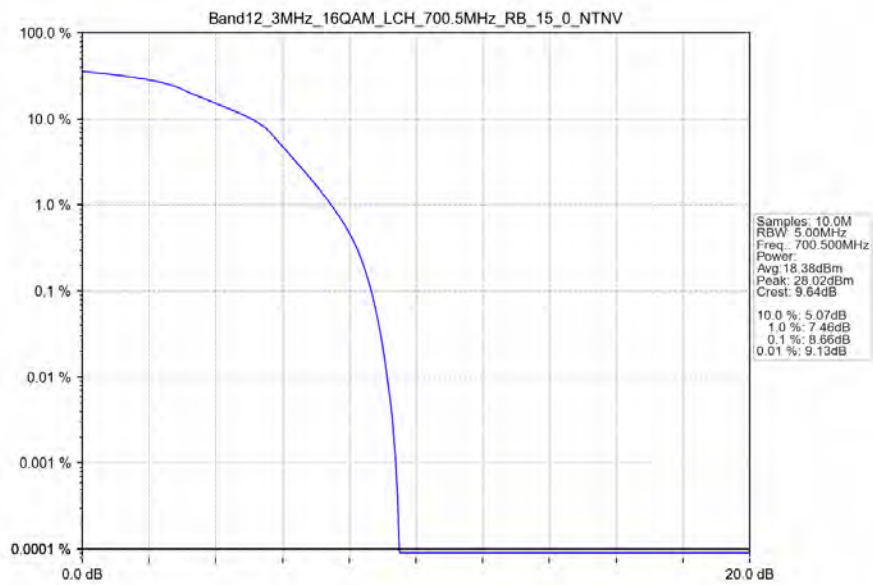
4.2.2 B12_3MHz



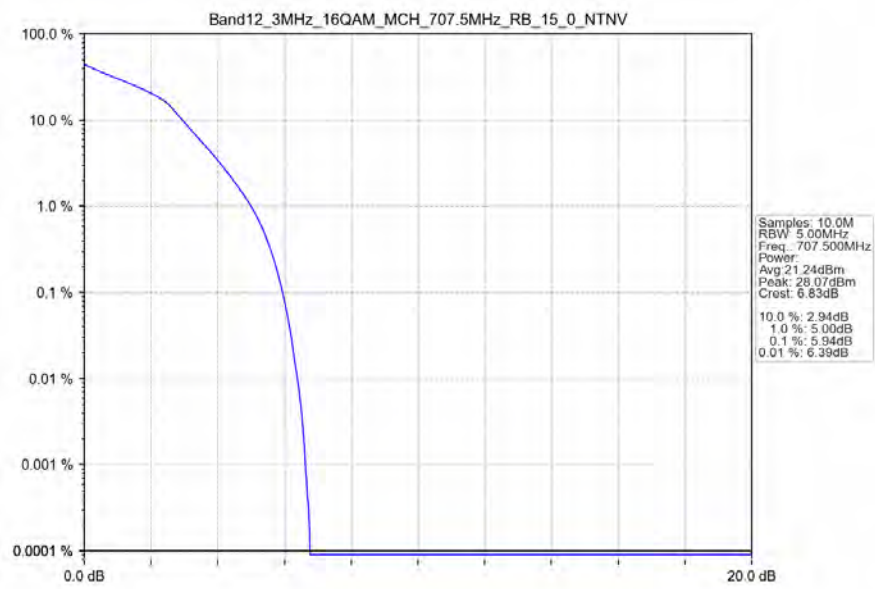
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



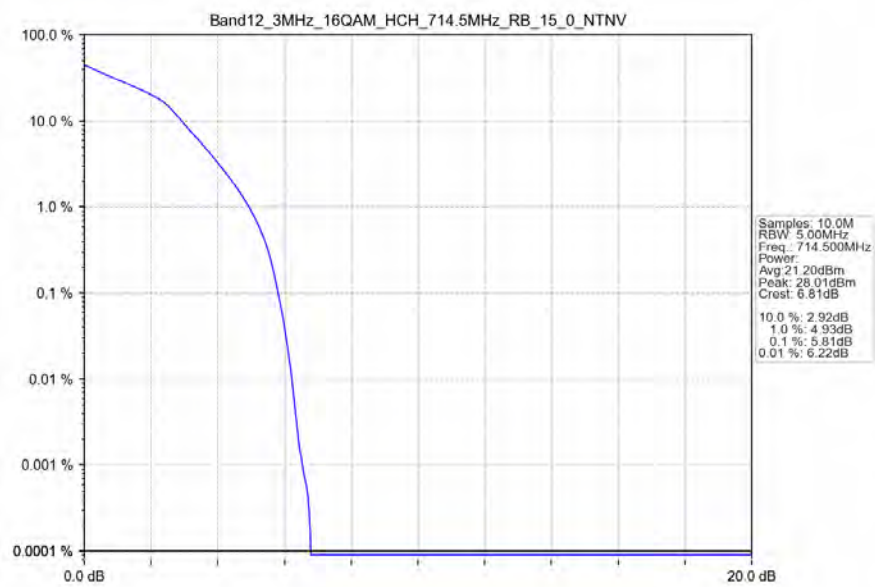
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



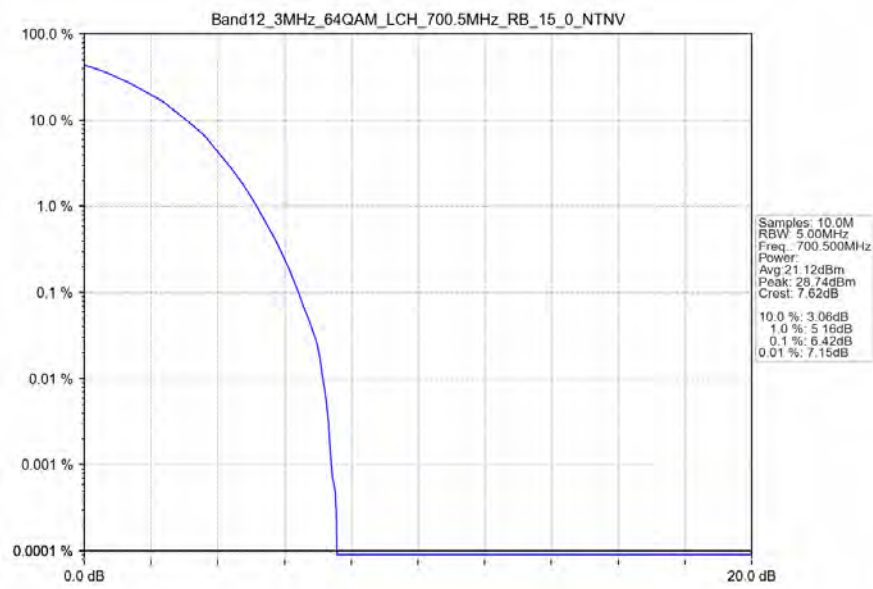
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



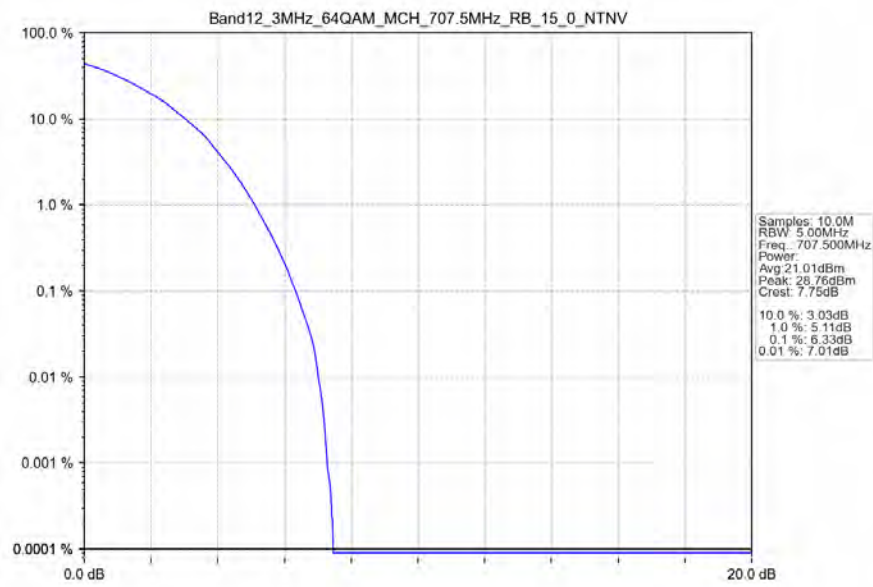
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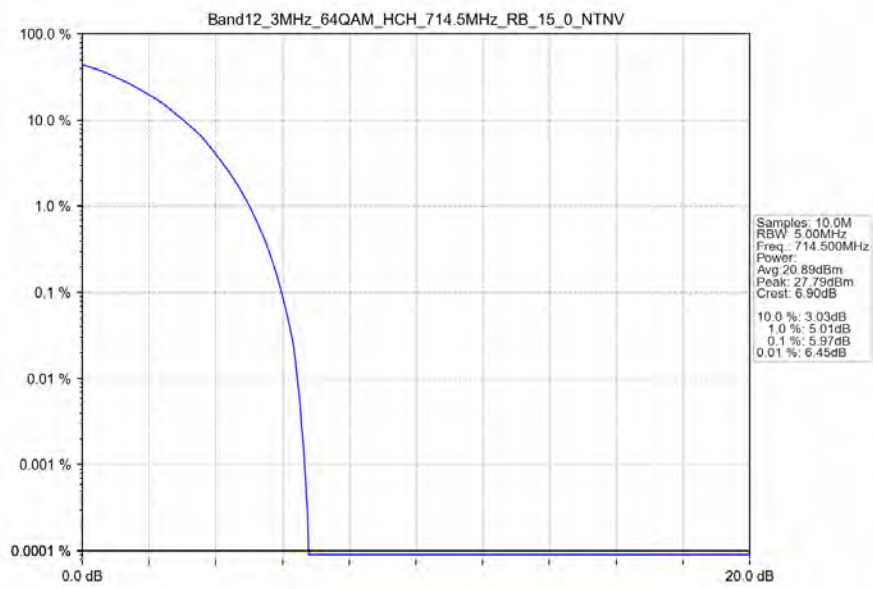
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



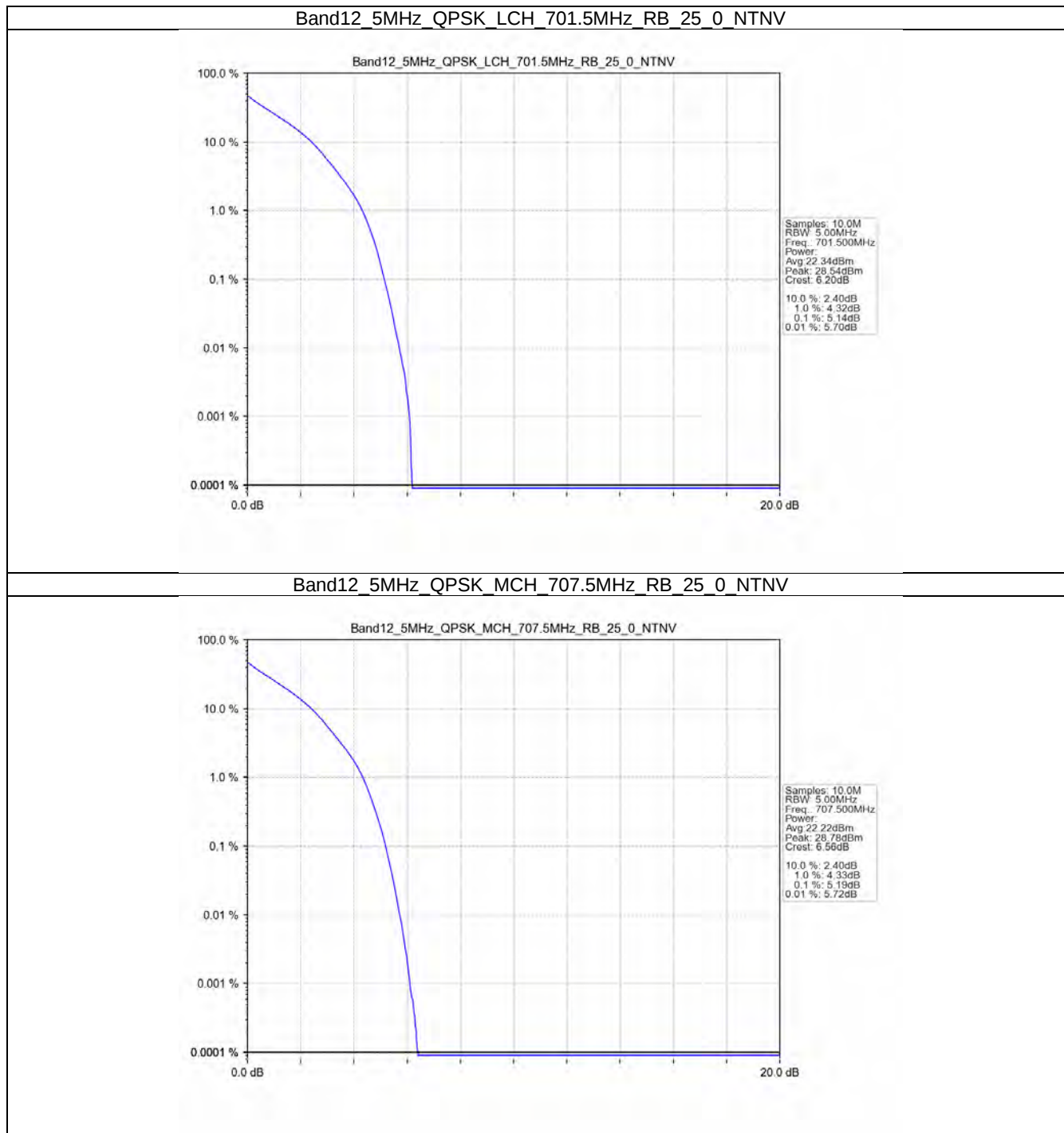
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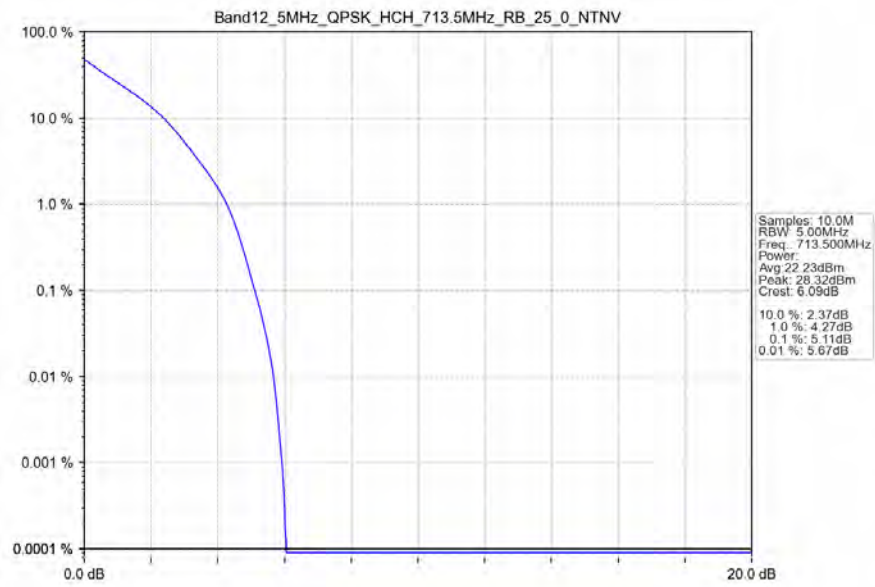
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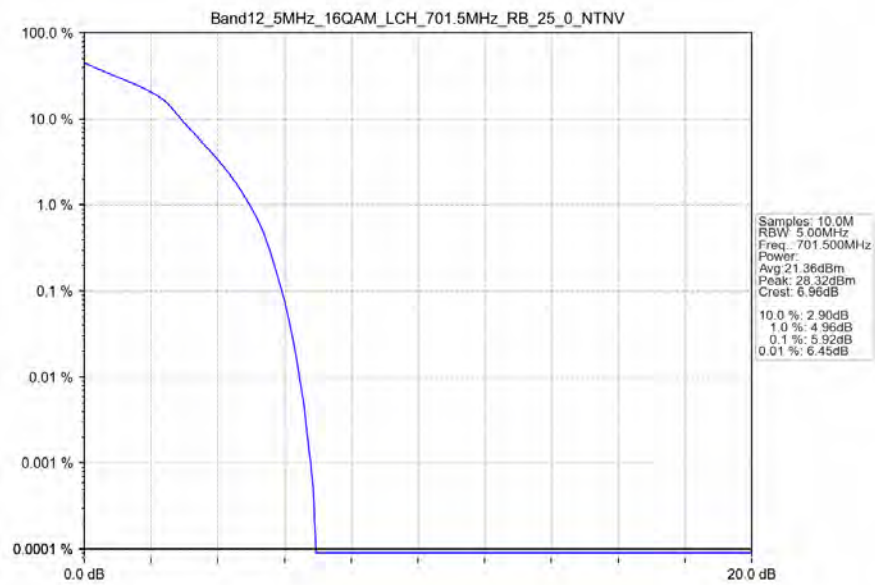
4.2.3 B12_5MHz



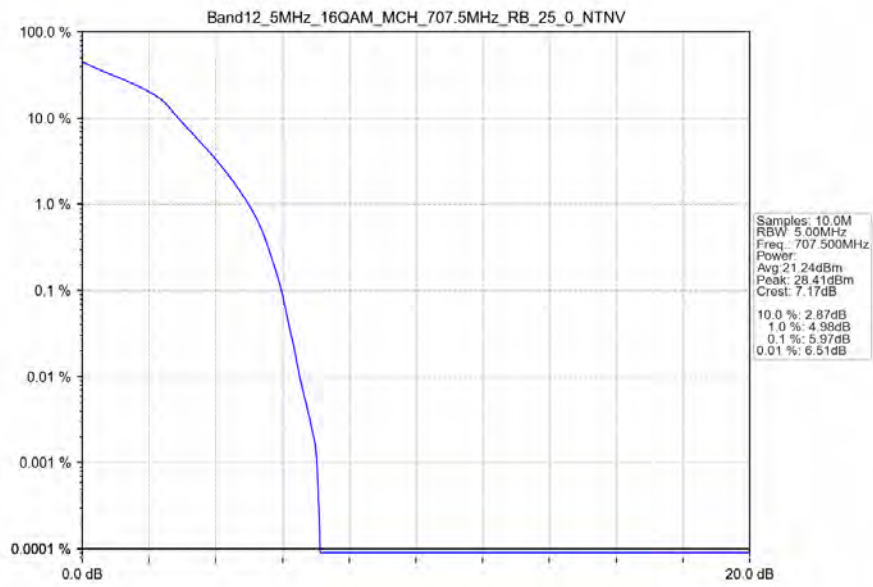
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



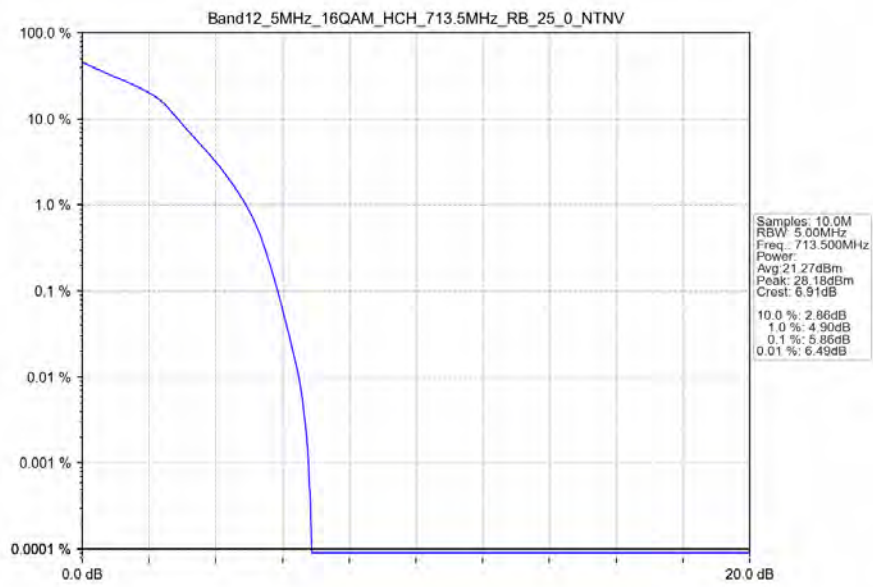
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



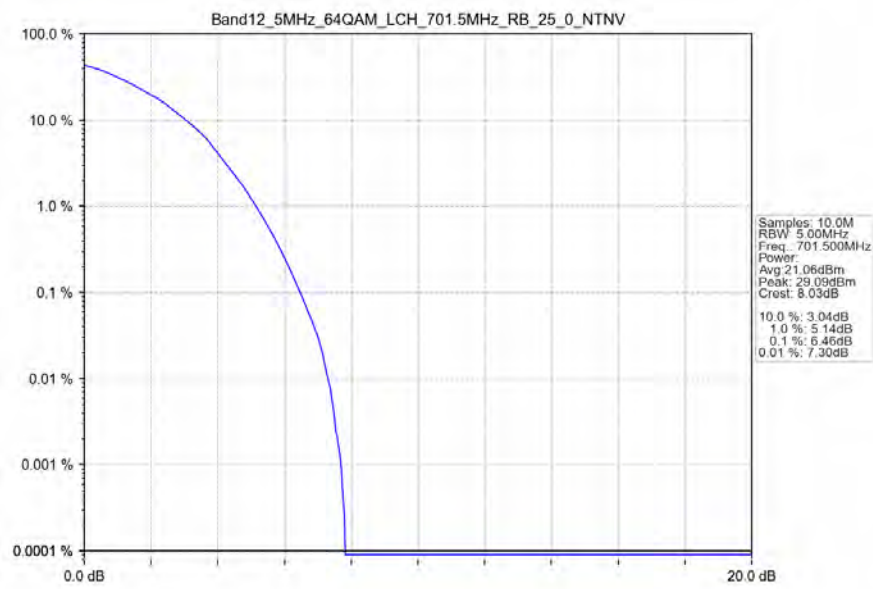
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



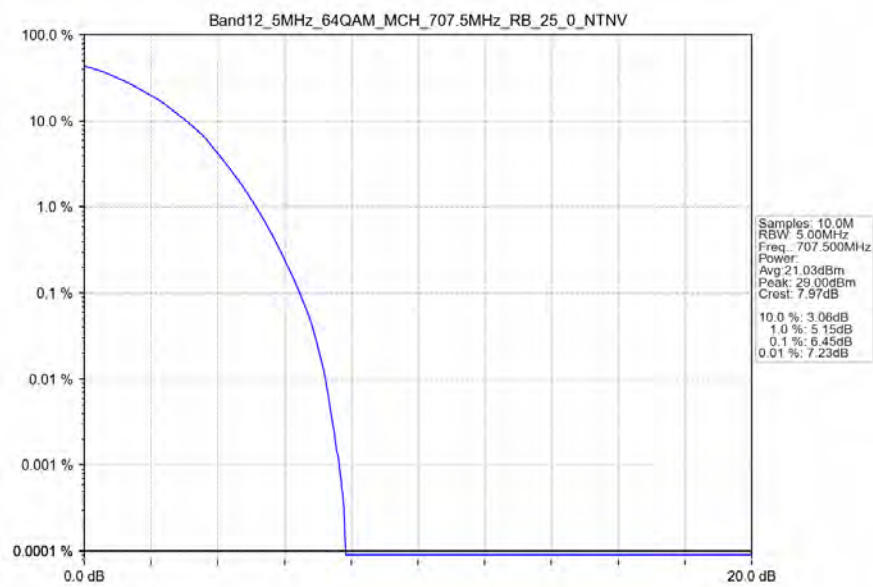
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



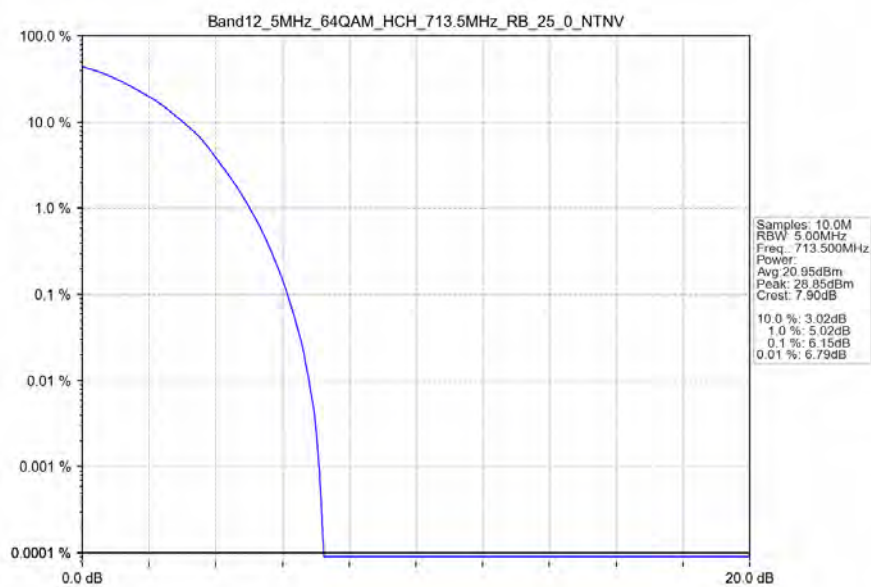
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



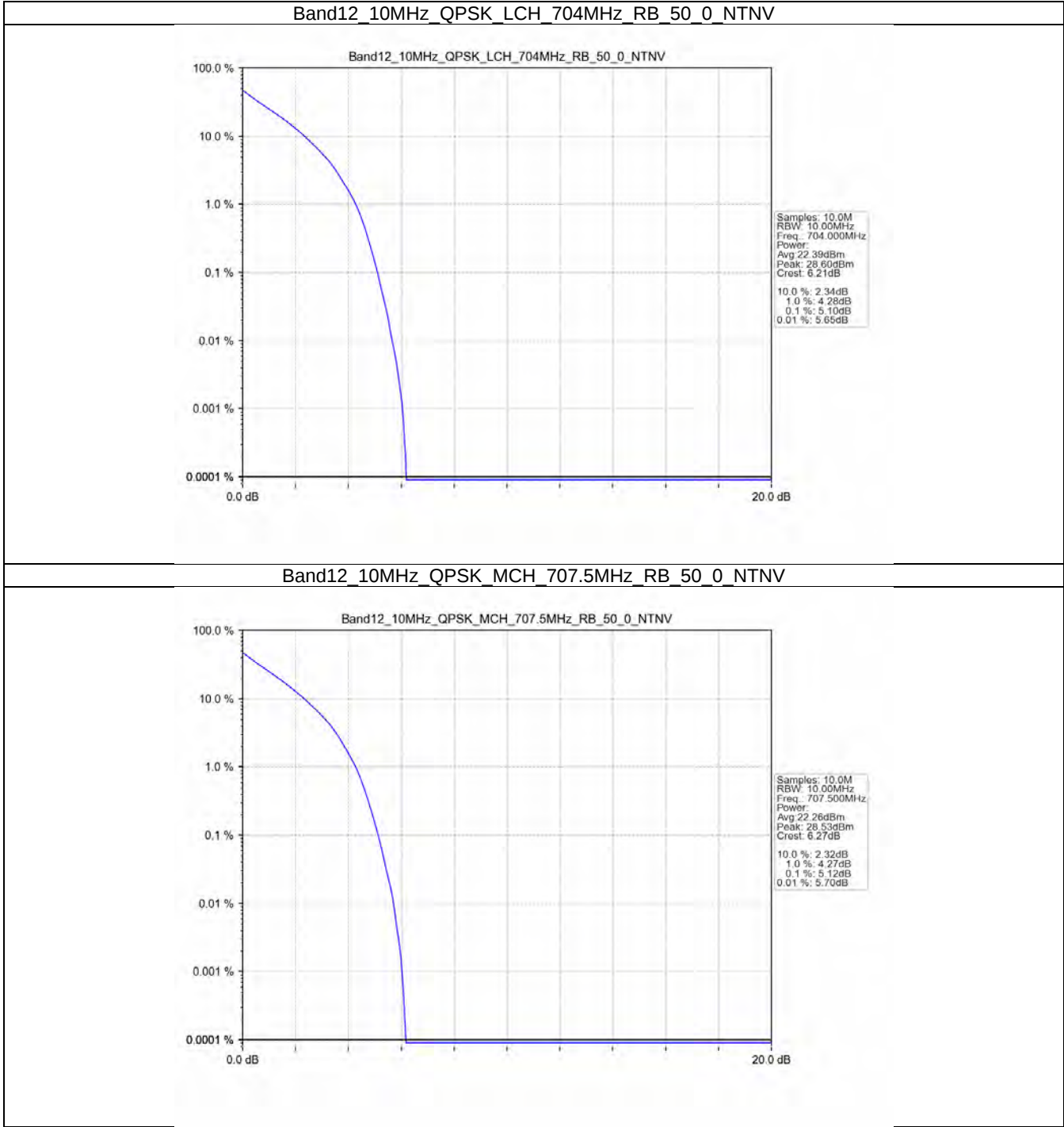
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



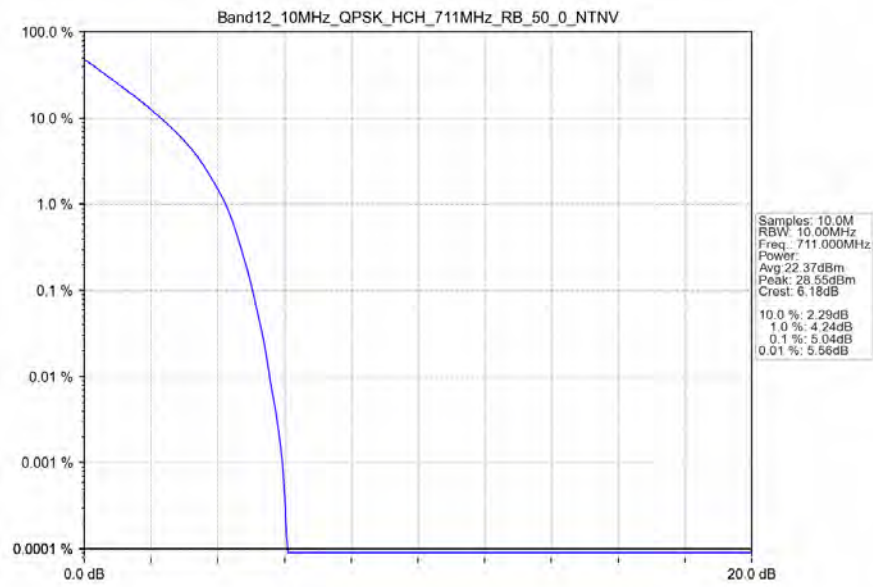
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



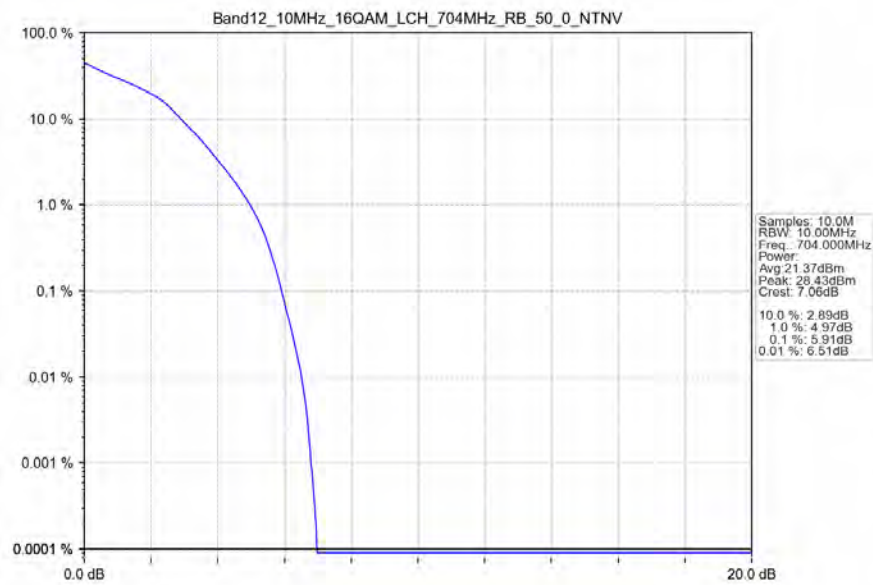
4.2.4 B12_10MHz



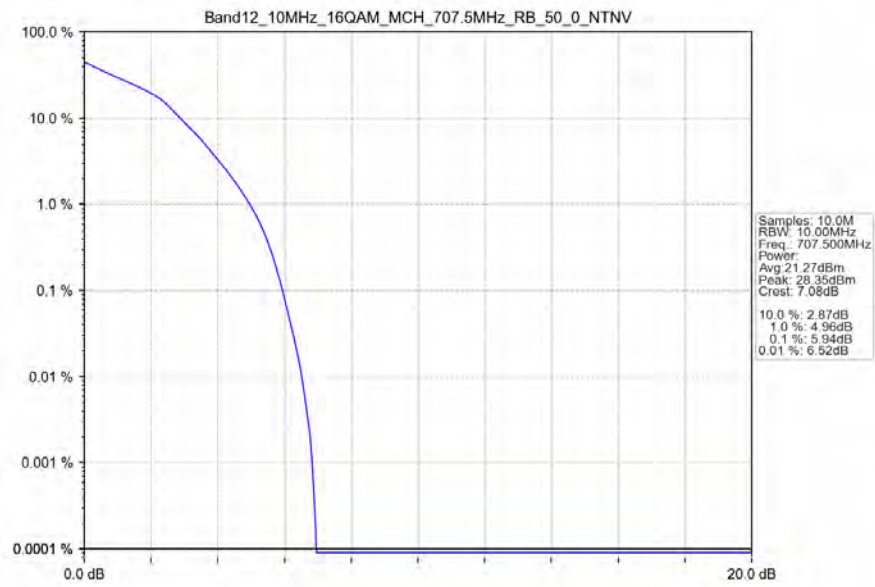
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



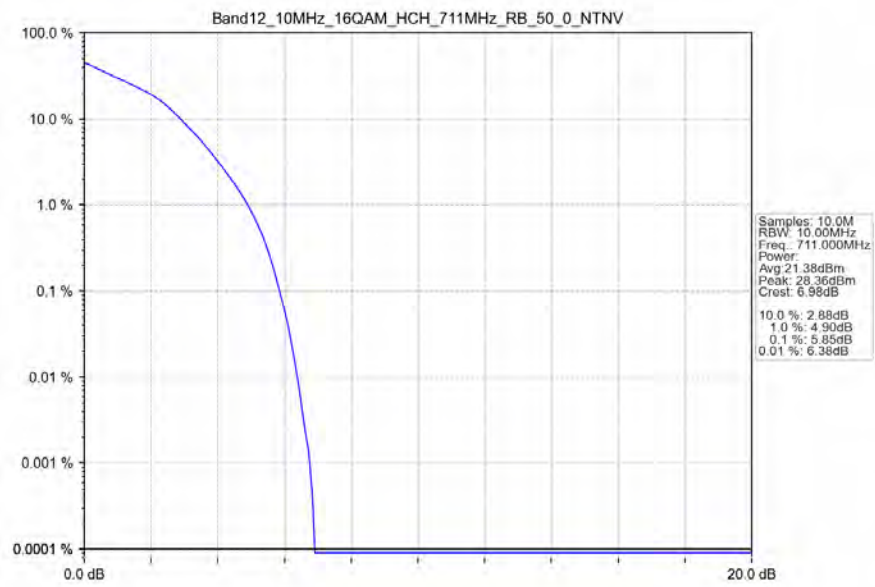
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



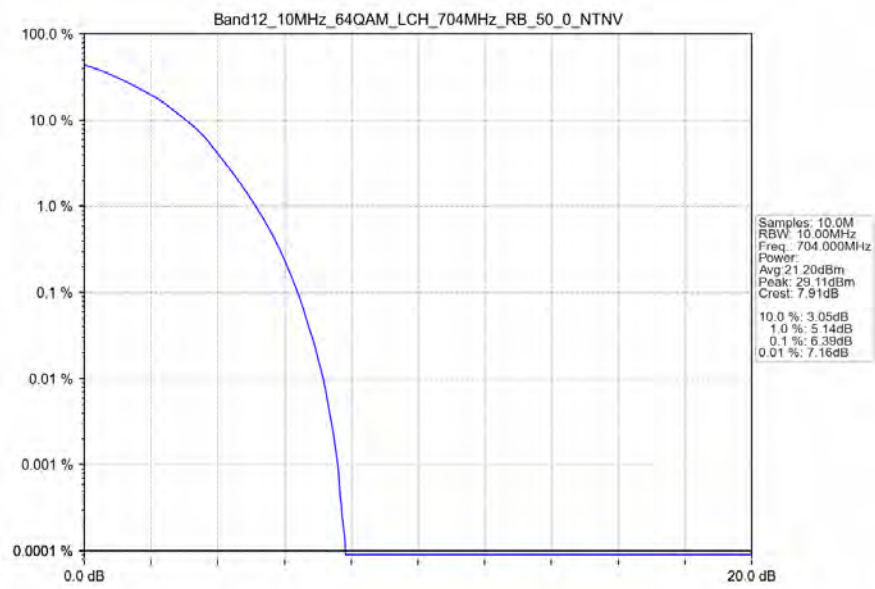
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



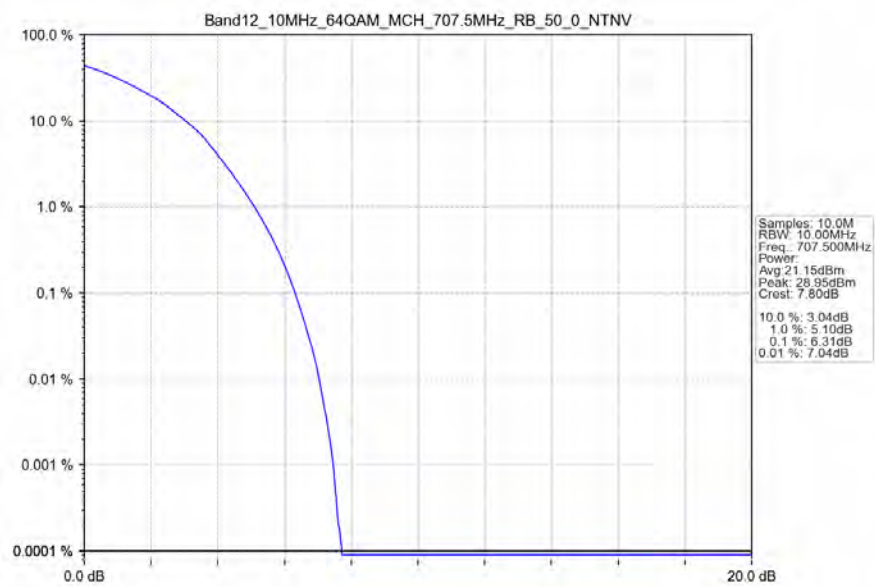
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



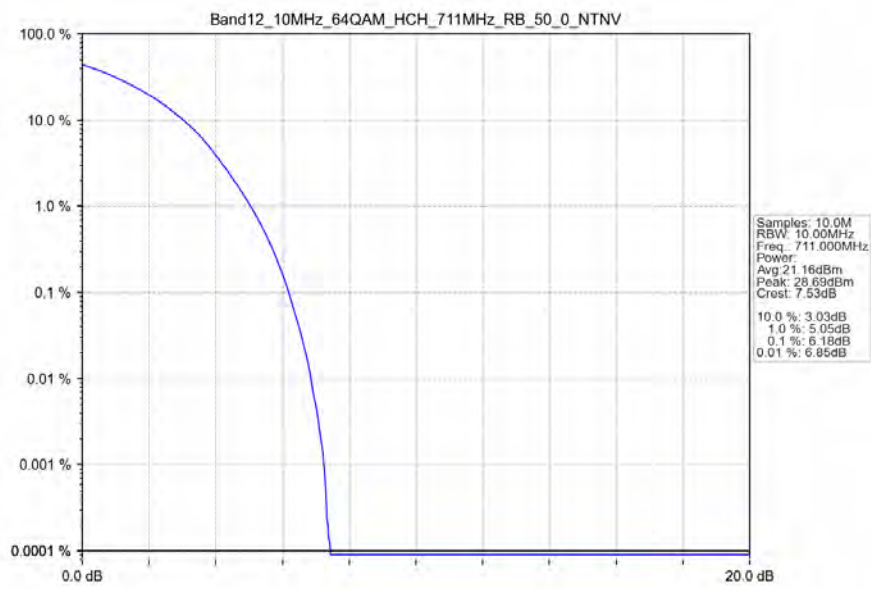
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



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

5.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTVN						
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	

5.1.3 B12_5MHz

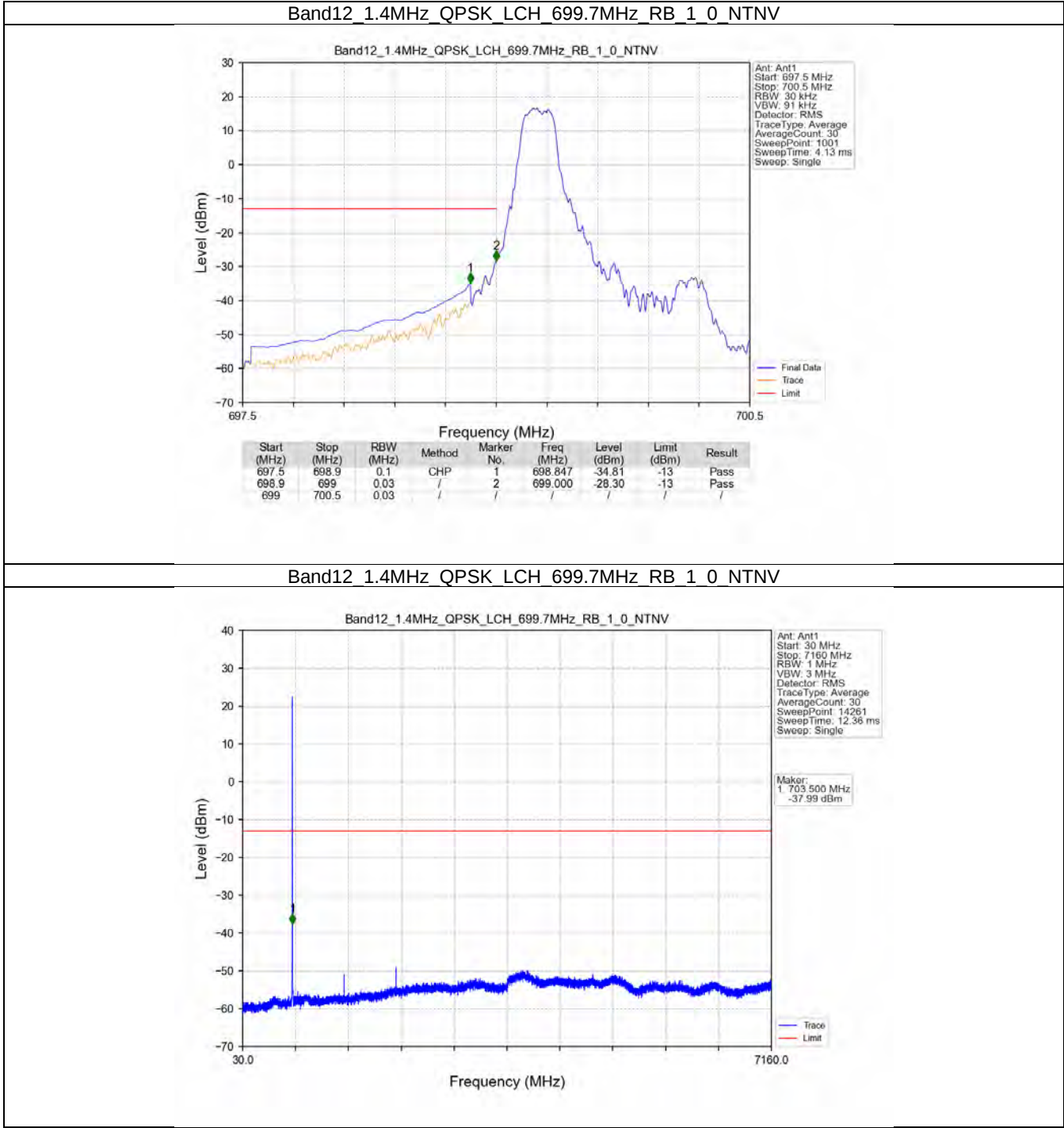
Band: 12 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		713.5	1	0	Refer To Test Graph	
			24	Refer To Test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

5.1.4 B12_10MHz

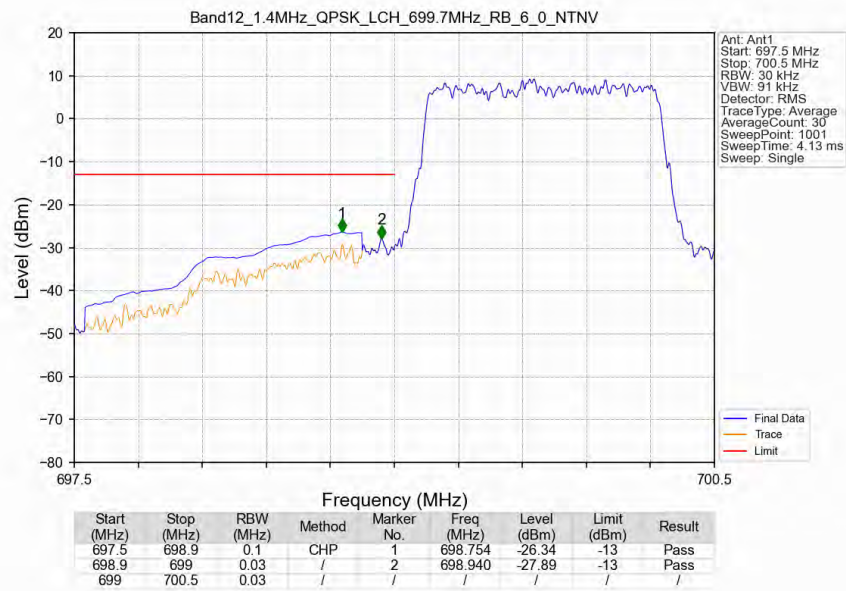
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

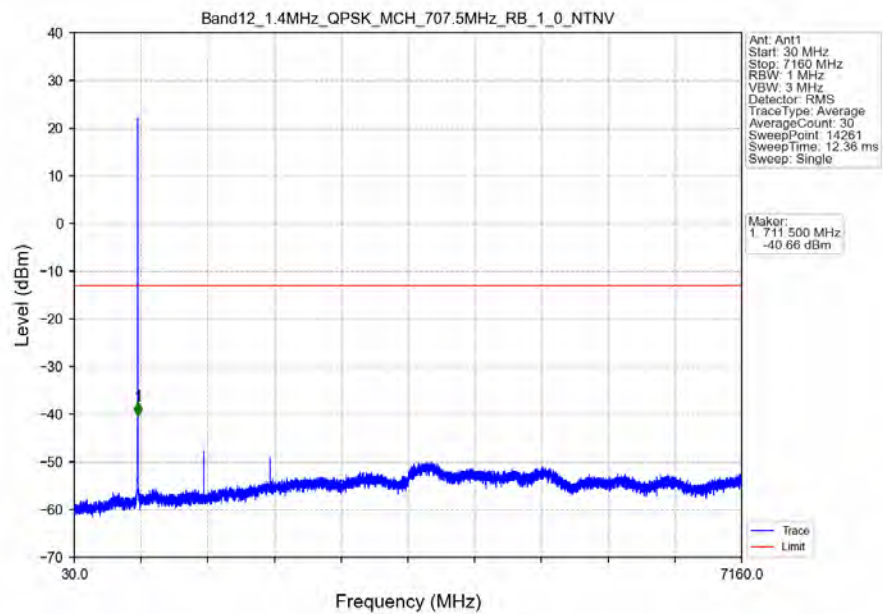
5.2.1 B12_1.4MHz



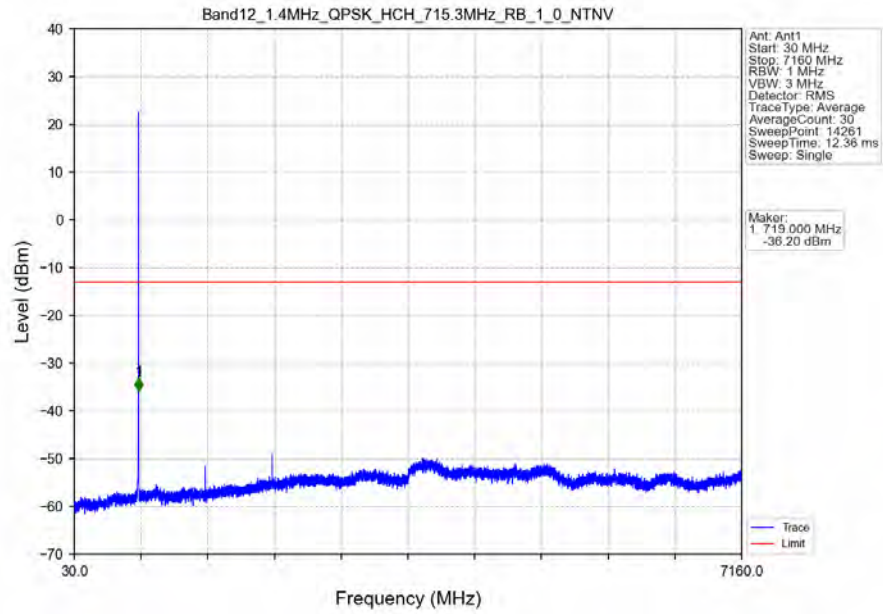
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



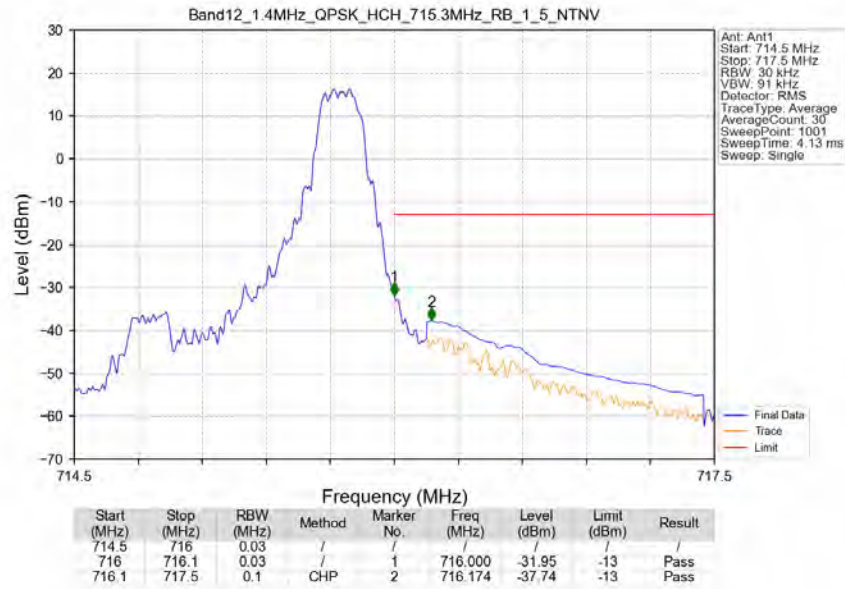
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



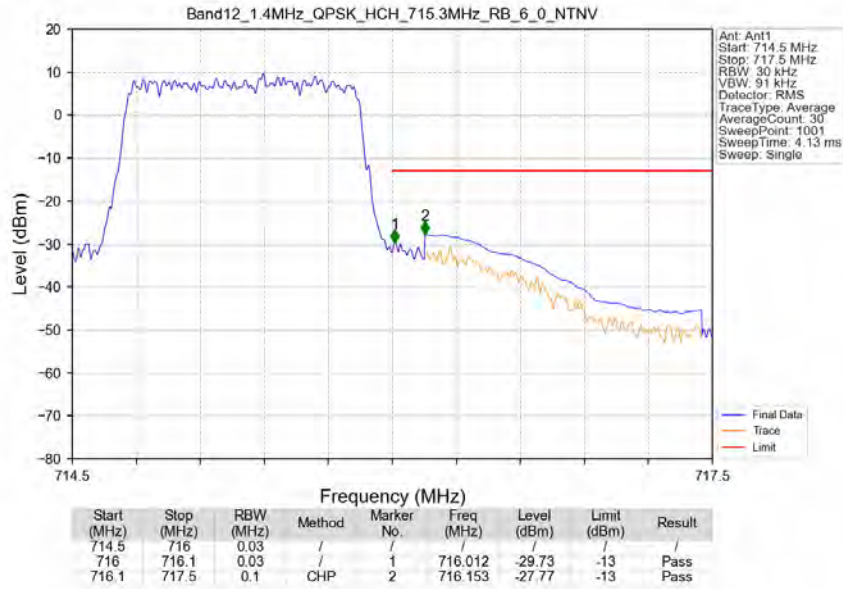
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



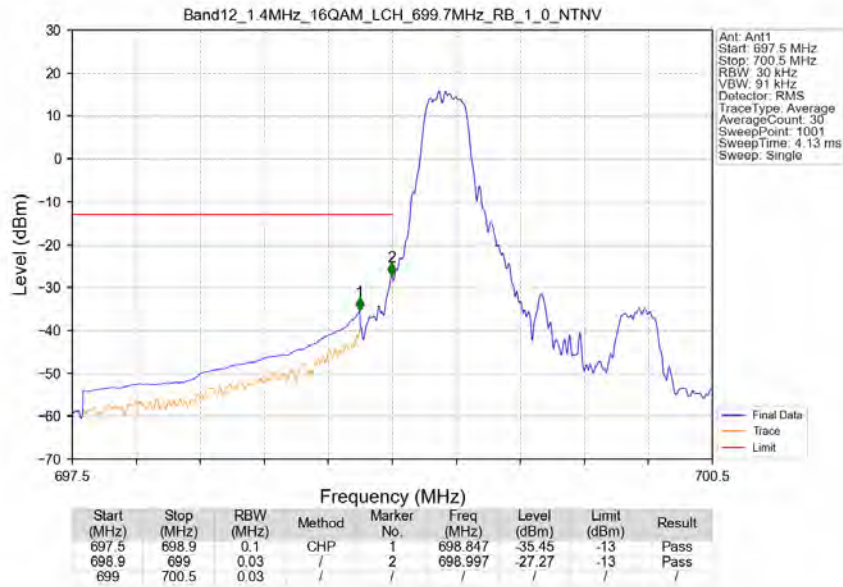
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



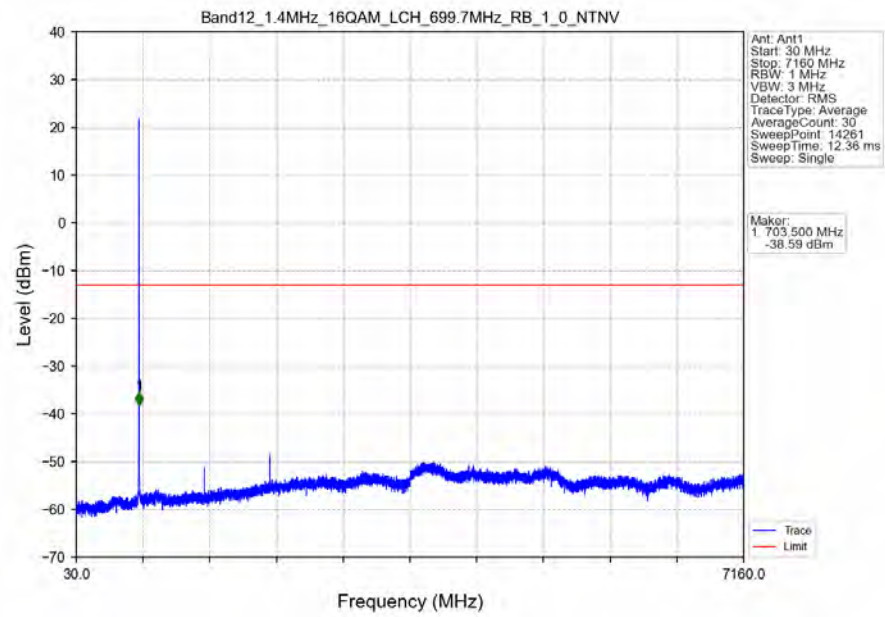
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



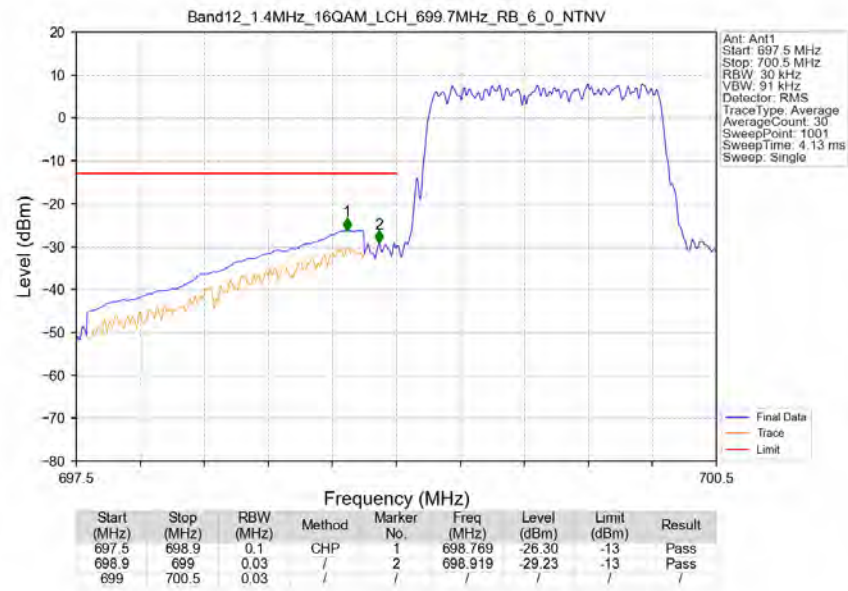
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



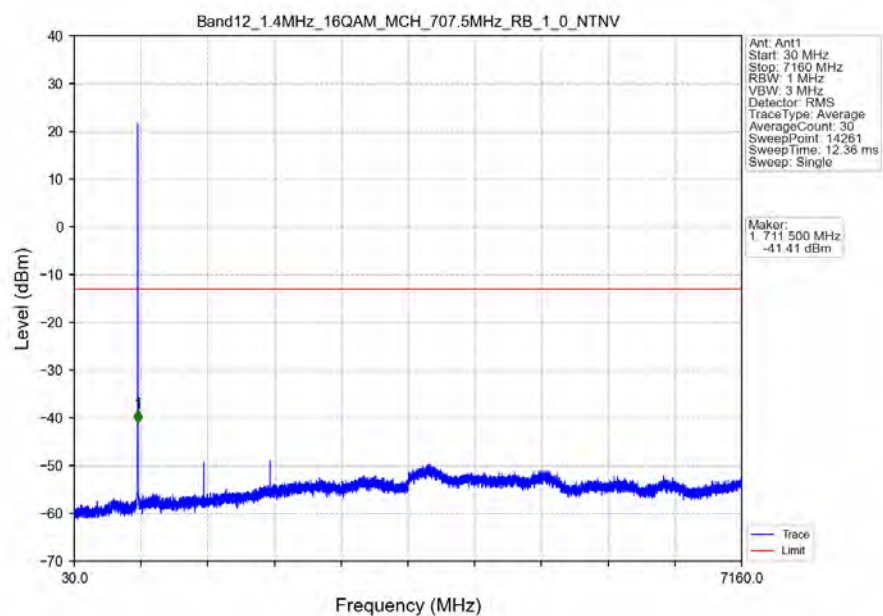
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



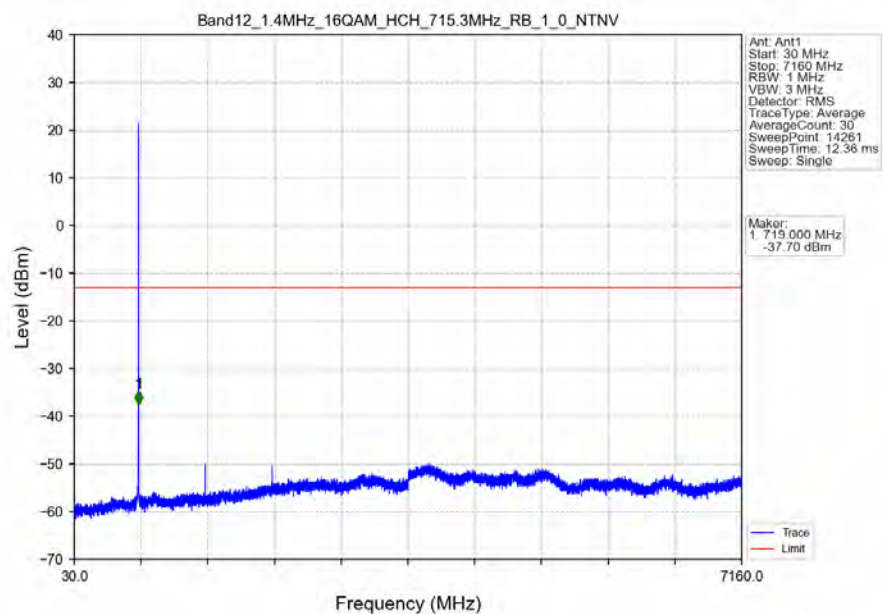
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



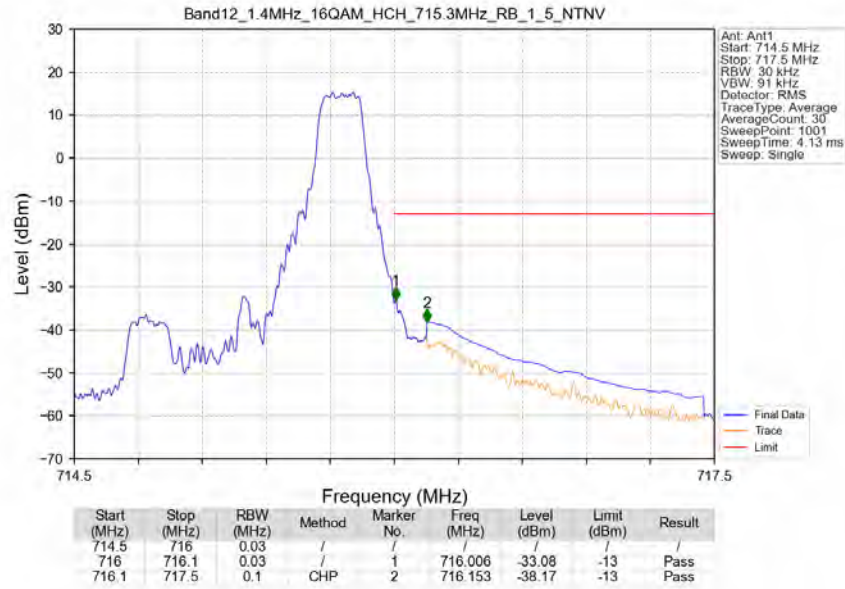
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



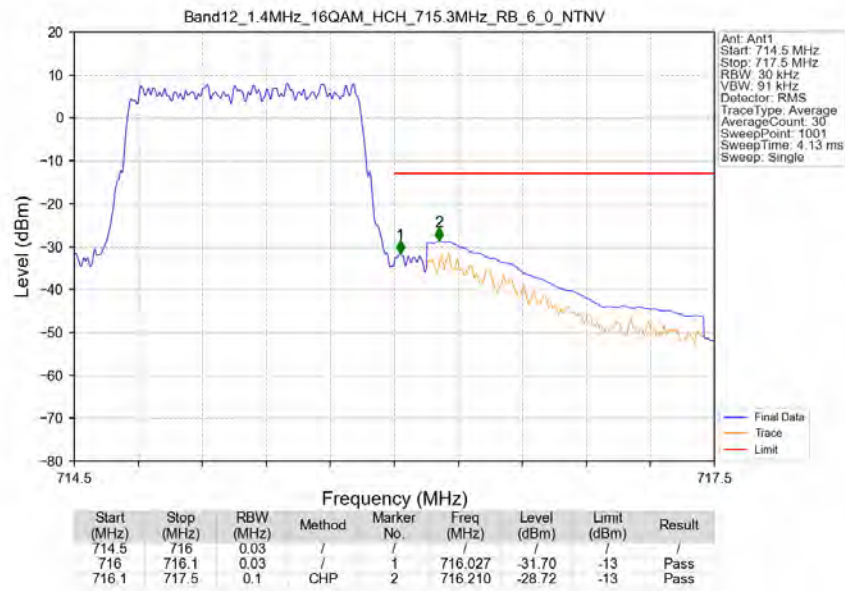
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



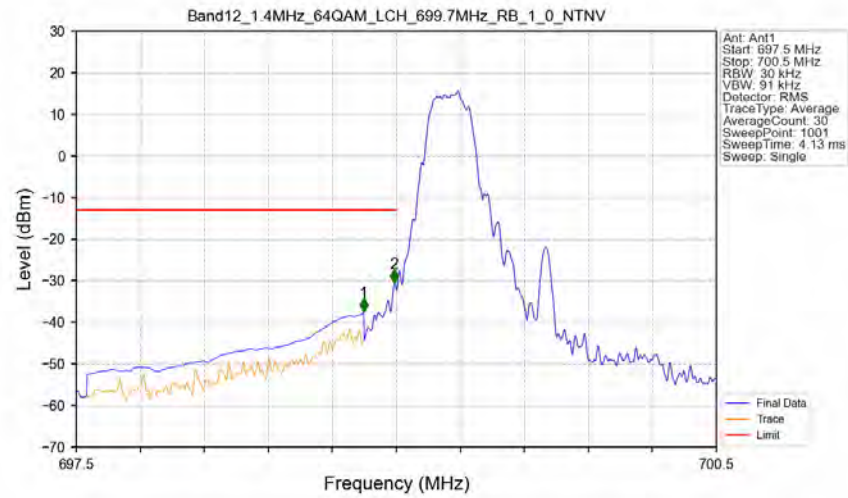
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

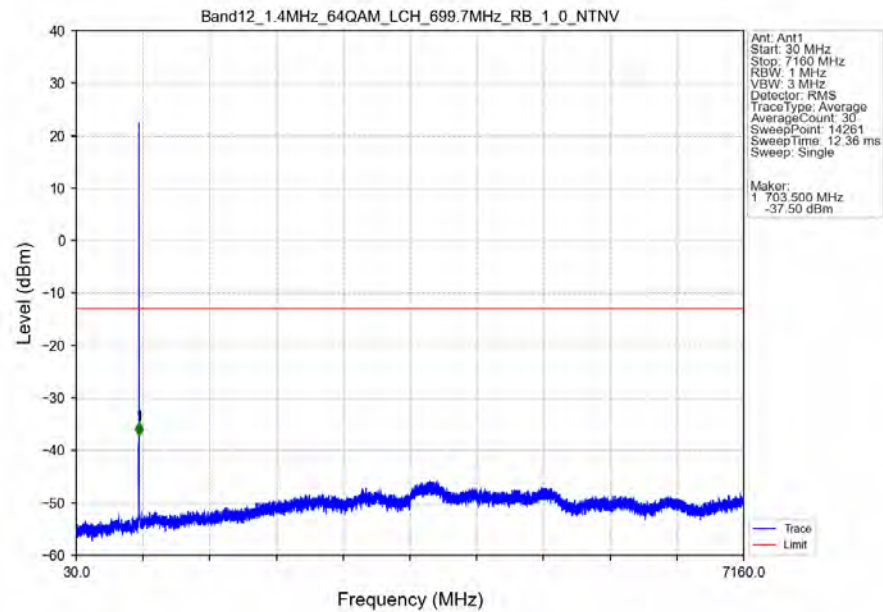


Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV

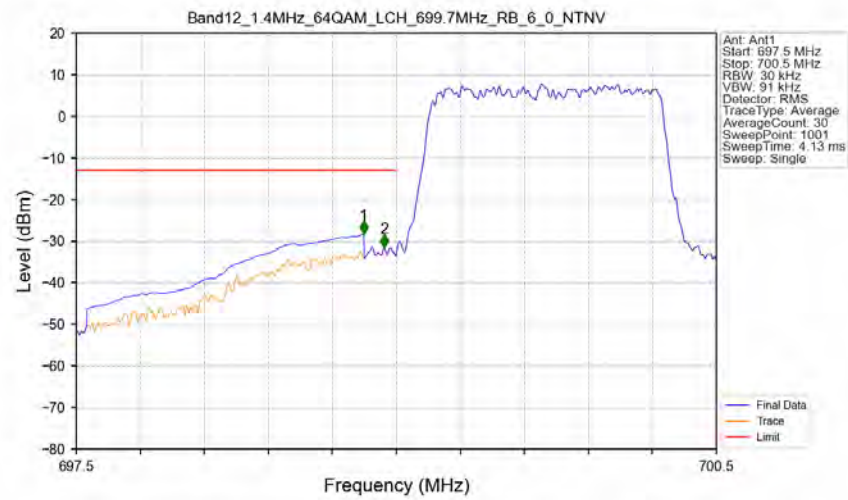


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-37.40	-13	Pass
698.9	699	0.03	/	2	698.991	-30.49	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV

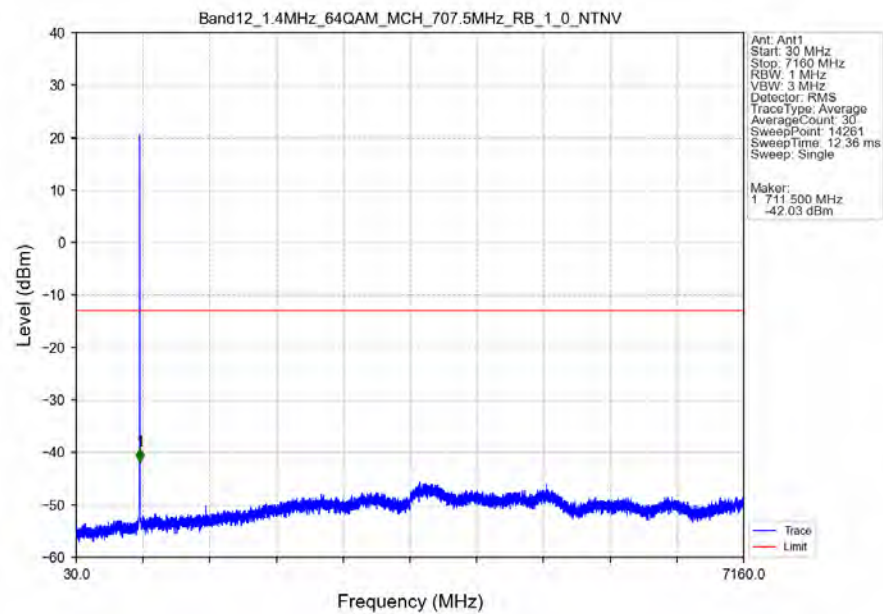


Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV

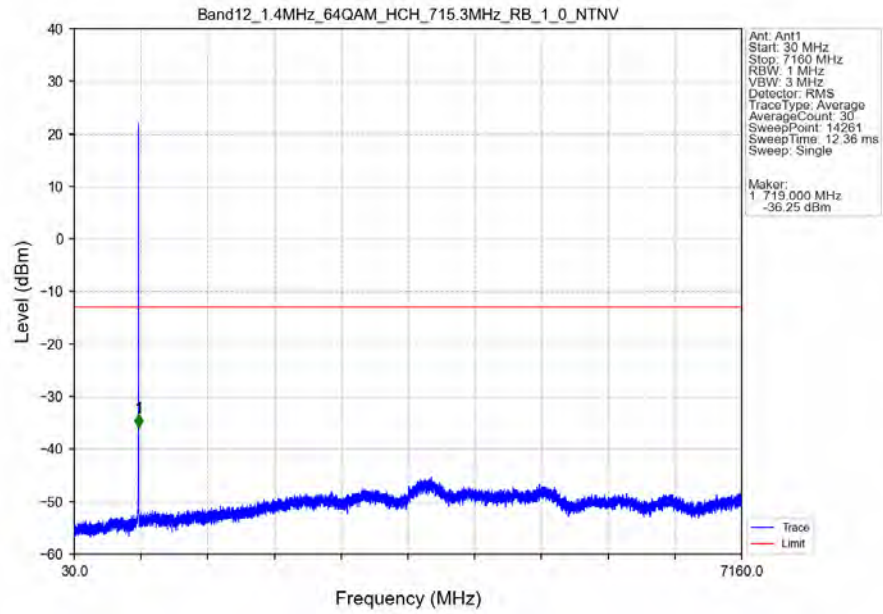


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-28.28	-13	Pass
698.9	699	0.03	/	2	698.943	-31.47	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

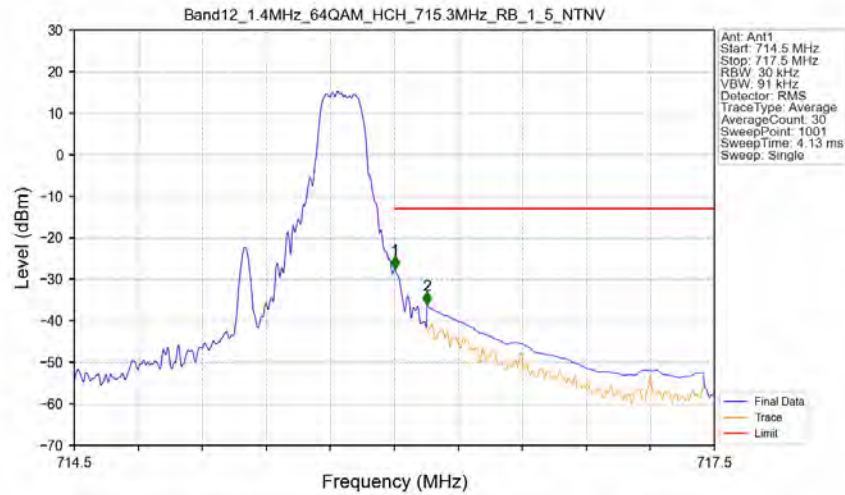
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12 1.4MHz 64QAM HCH 715.3MHz RB_1_0_NTNV

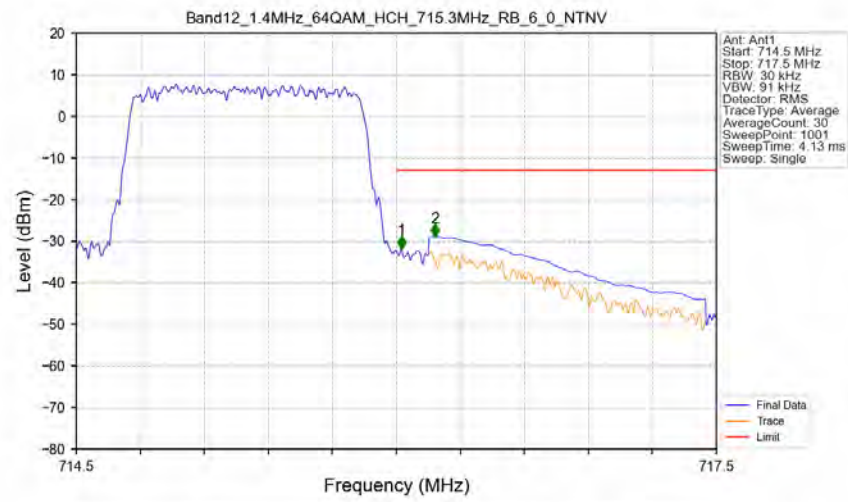


Band12 1.4MHz 64QAM HCH 715.3MHz RB_1_5_NTNV



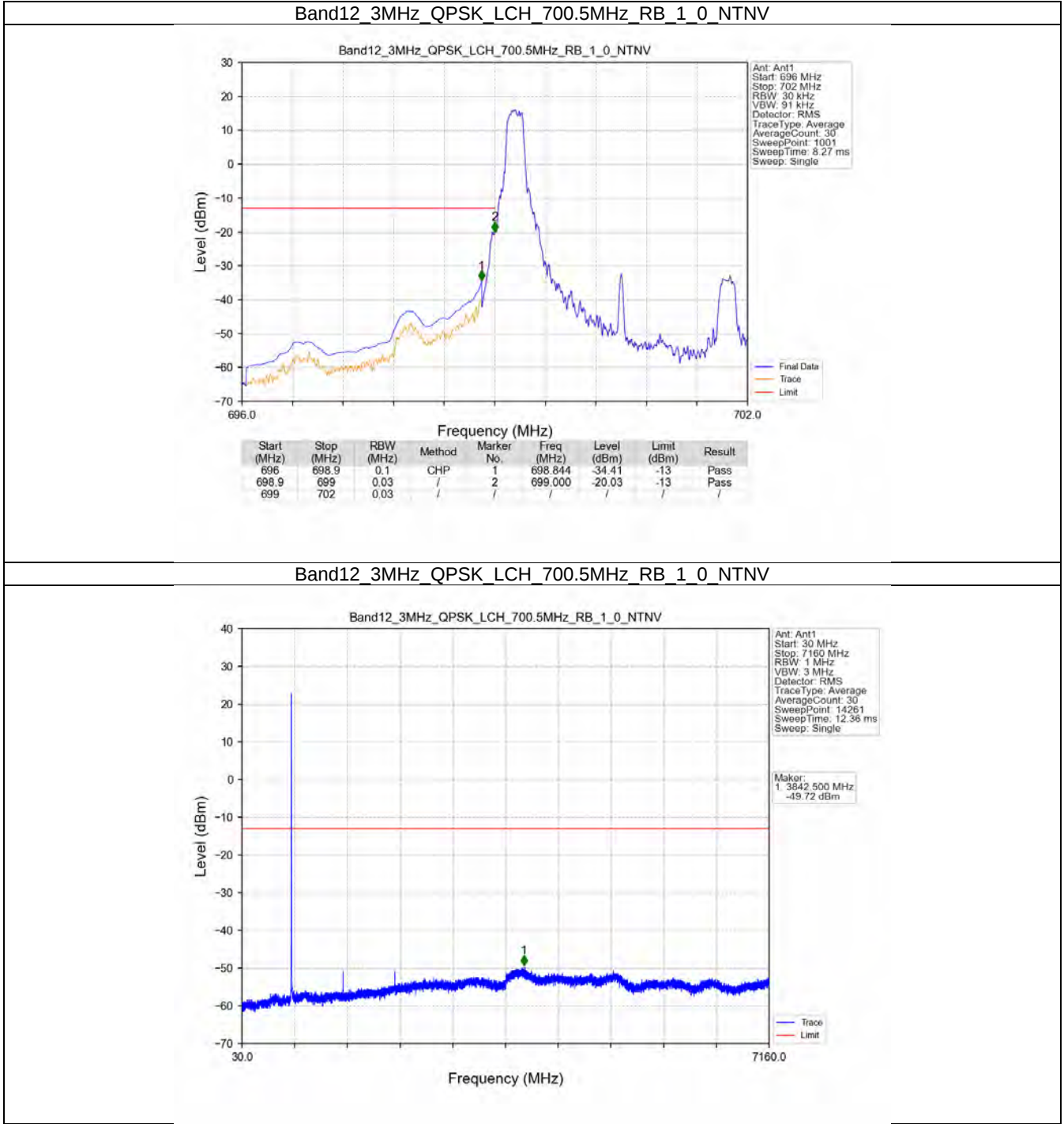
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-27.48	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-36.05	-13	Pass

Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV

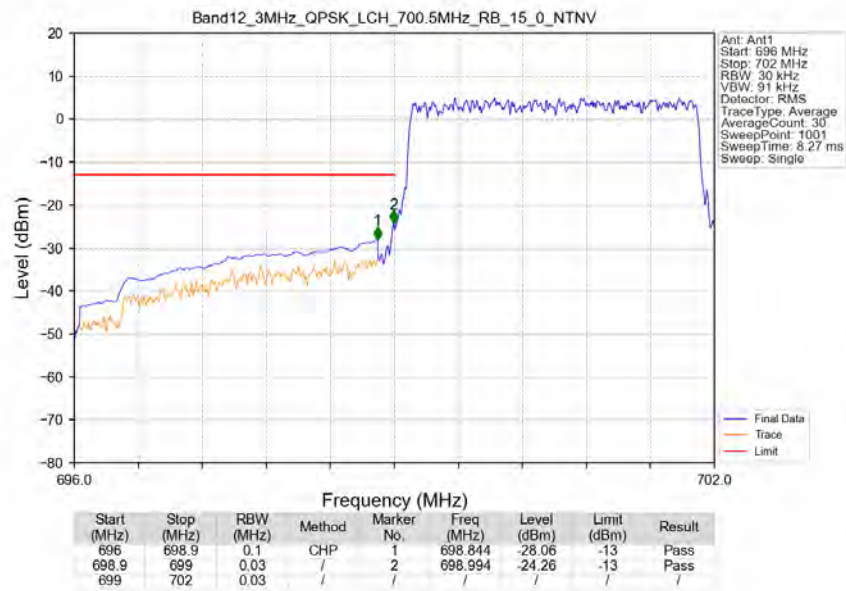


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-31.85	-13	Pass
716.1	717.5	0.1	CHP	2	716.180	-28.94	-13	Pass

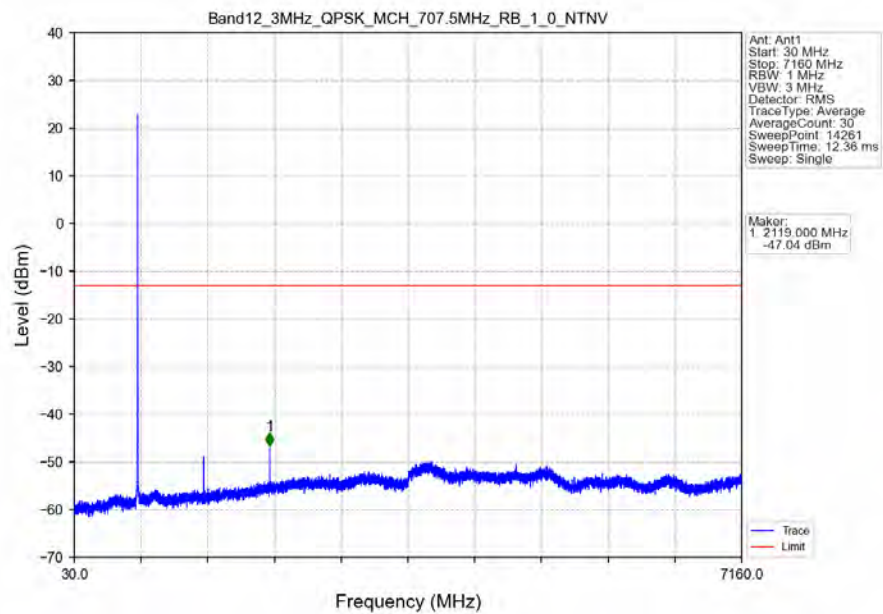
5.2.2 B12_3MHz



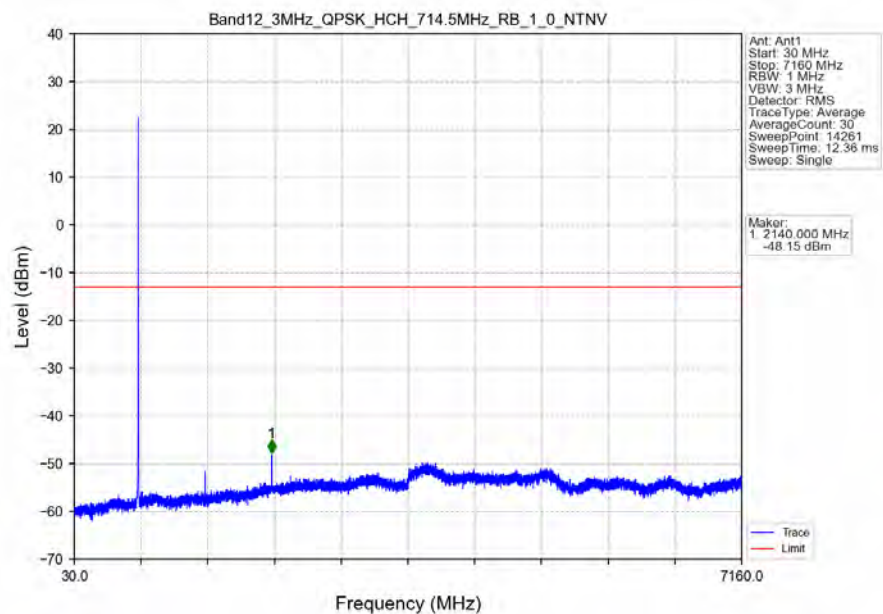
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



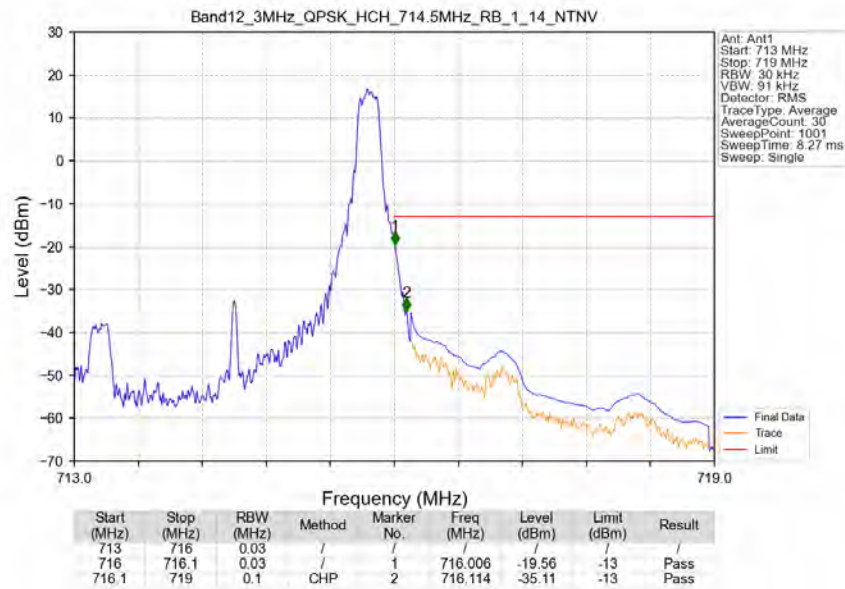
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



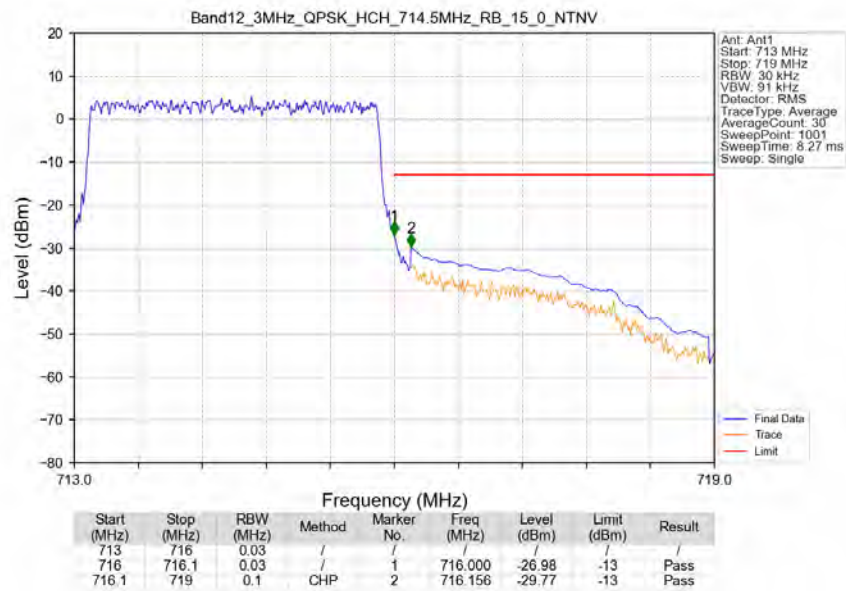
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



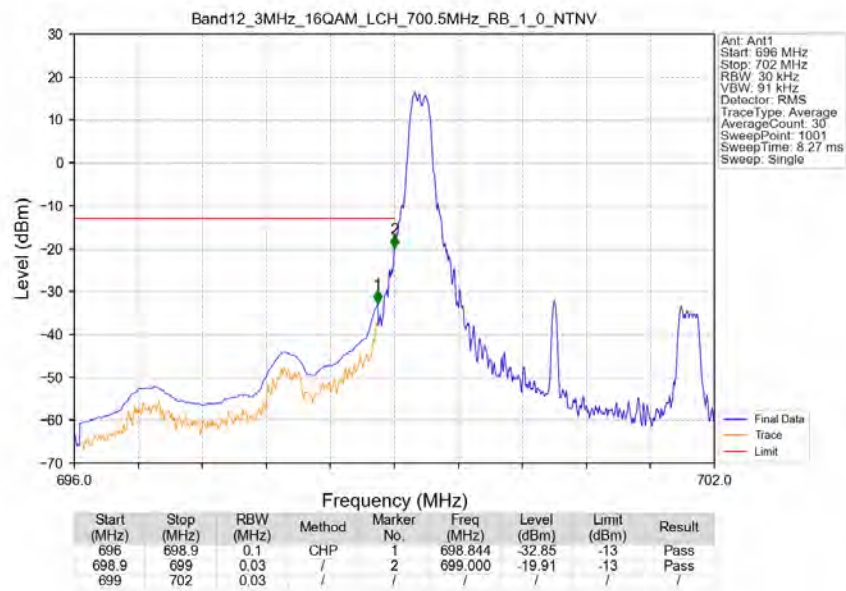
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



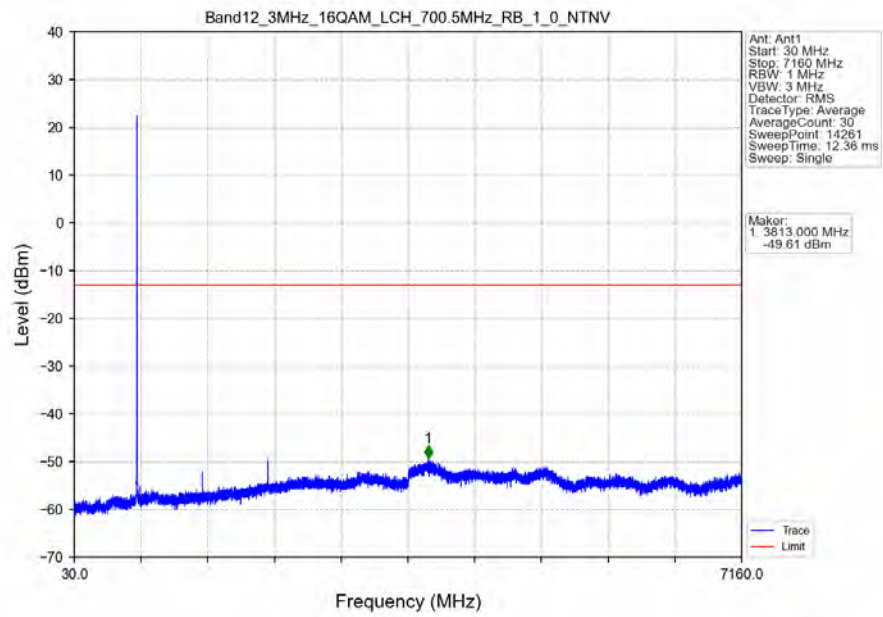
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



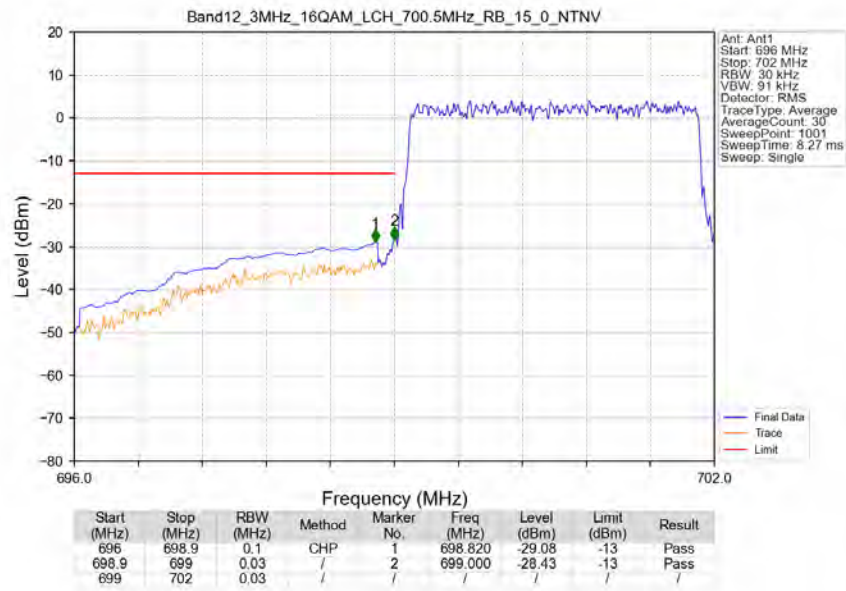
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



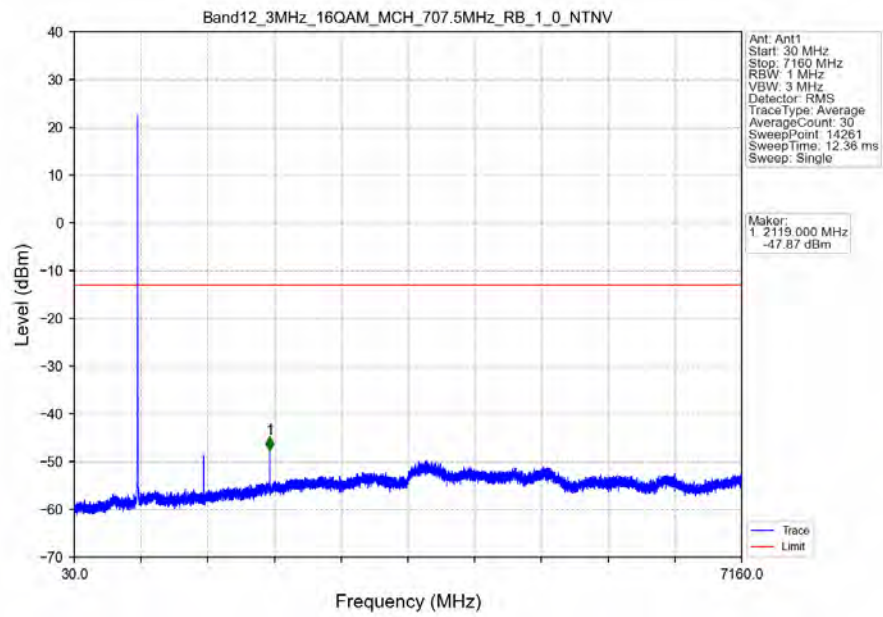
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



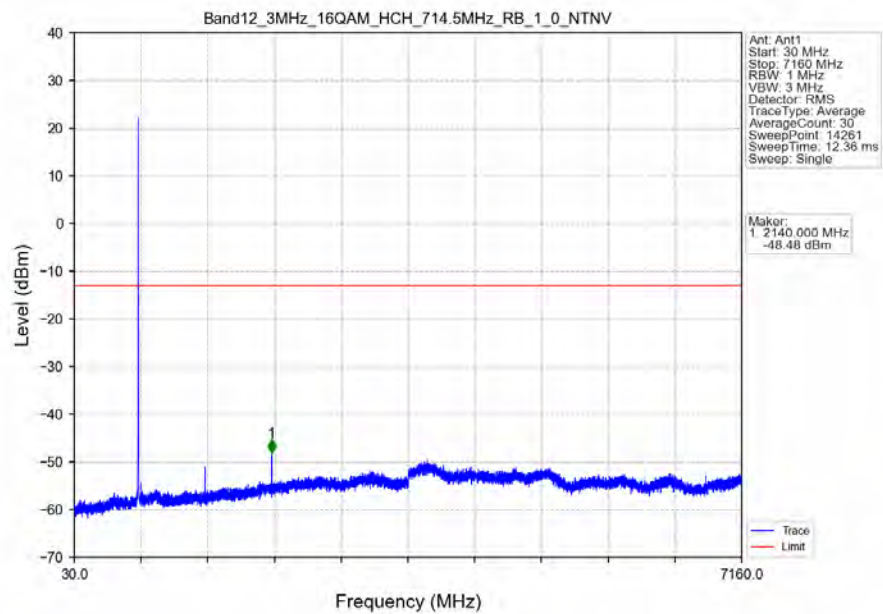
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



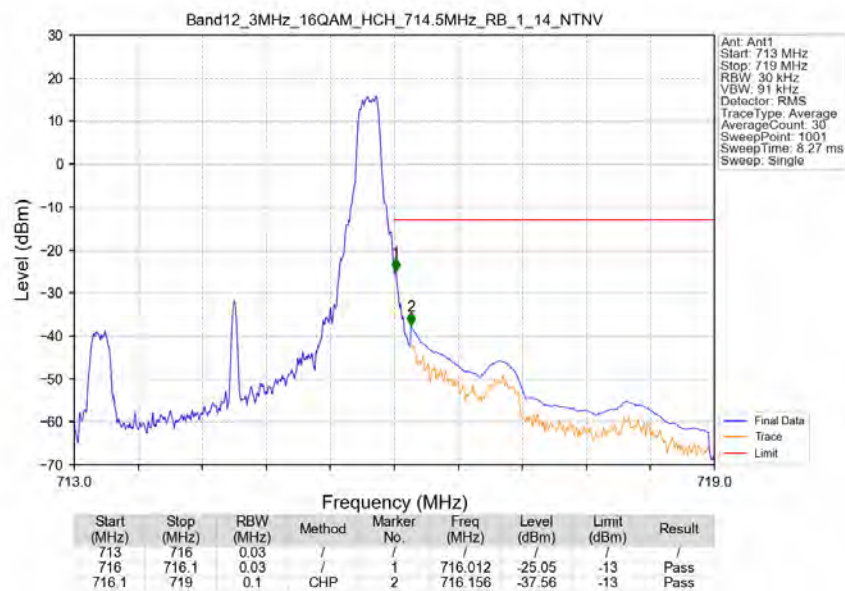
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



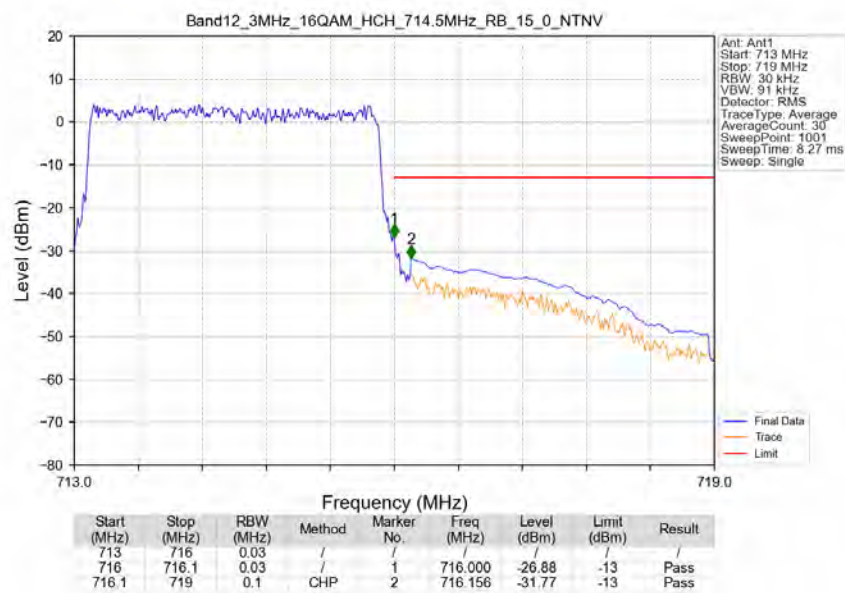
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



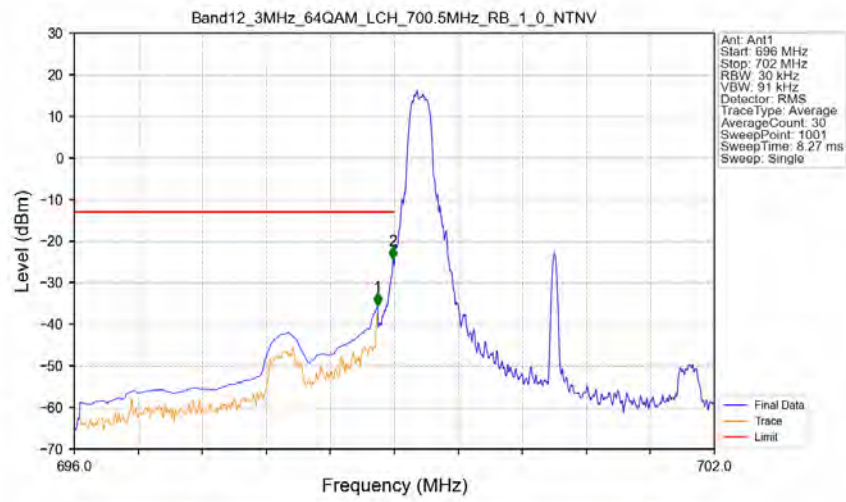
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

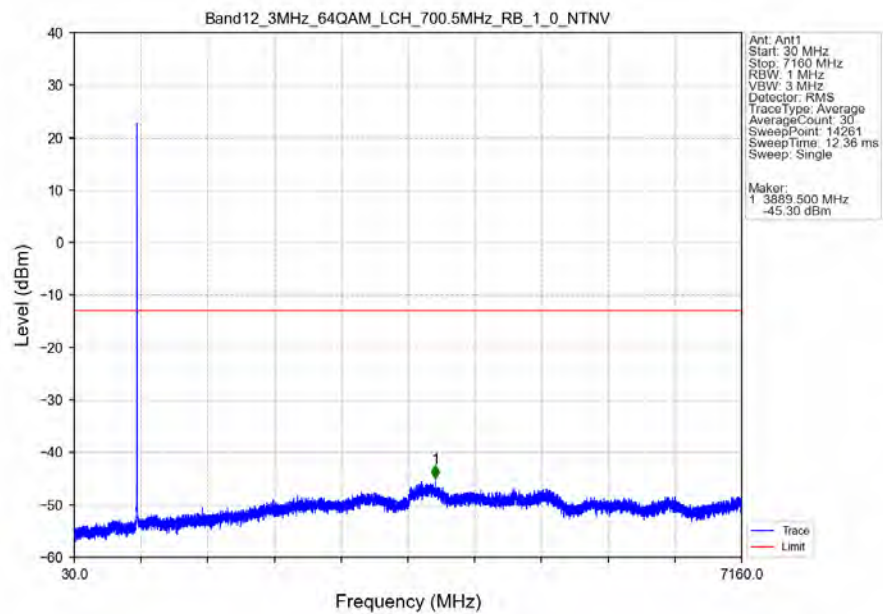


Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

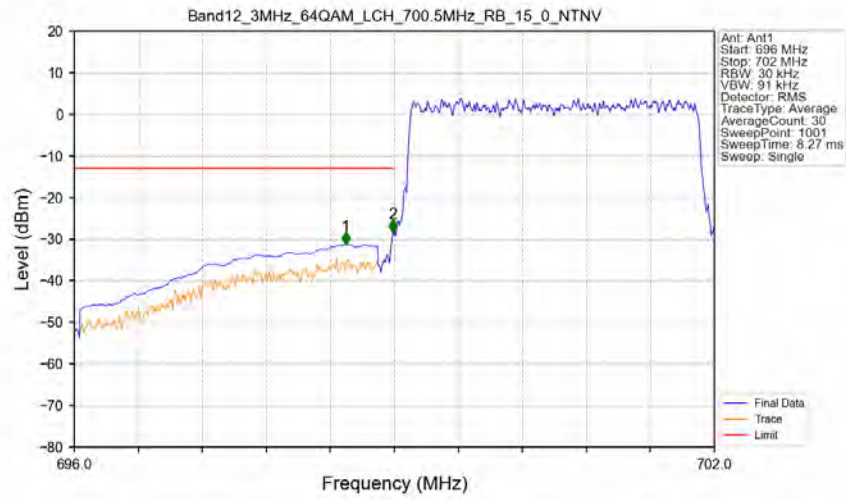


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-35.50	-13	Pass
698.9	699	0.03	/	2	698.988	-24.39	-13	Pass
699	702	0.03	/	/	/	/	/	/

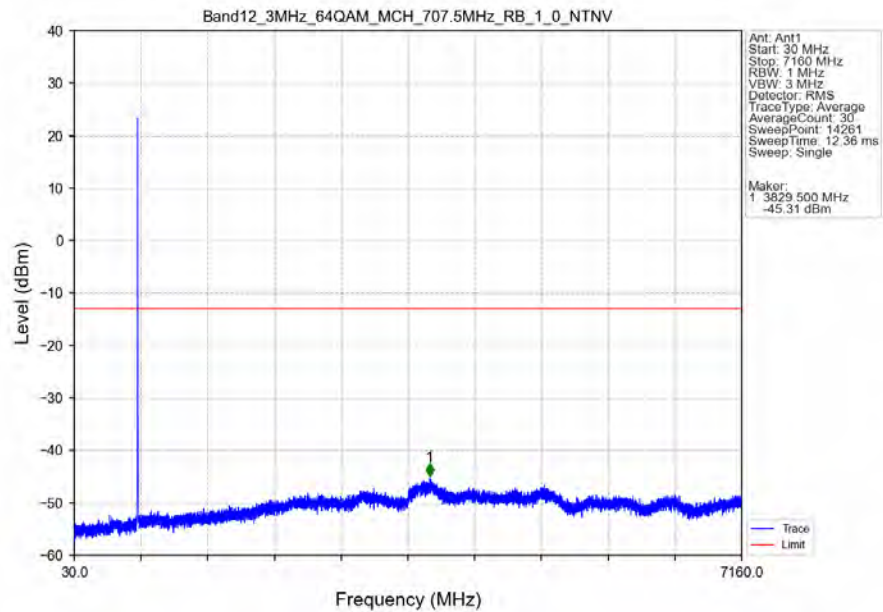
Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



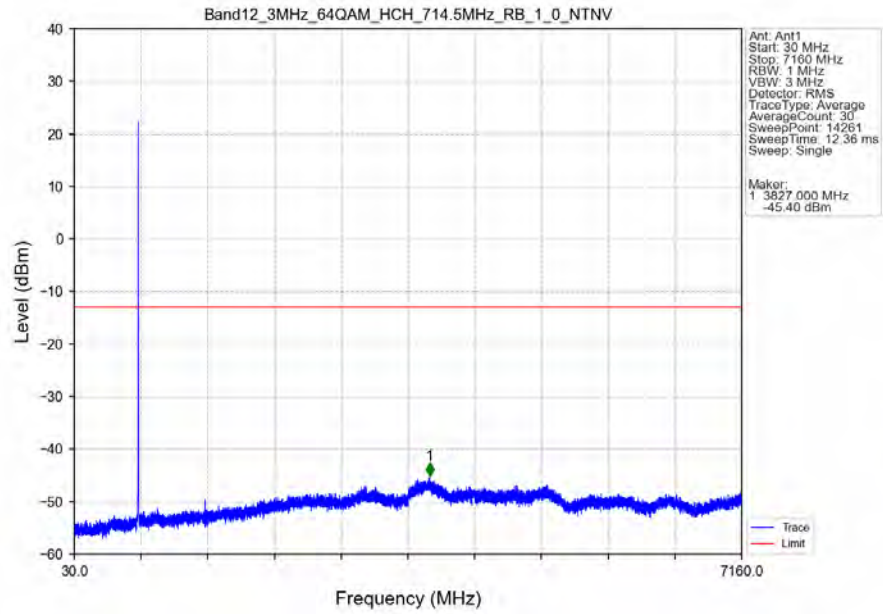
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



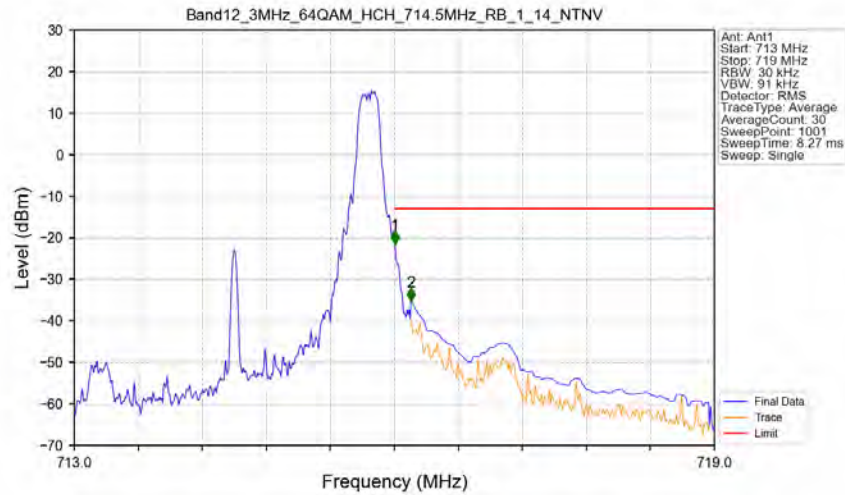
Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_0_NTNV

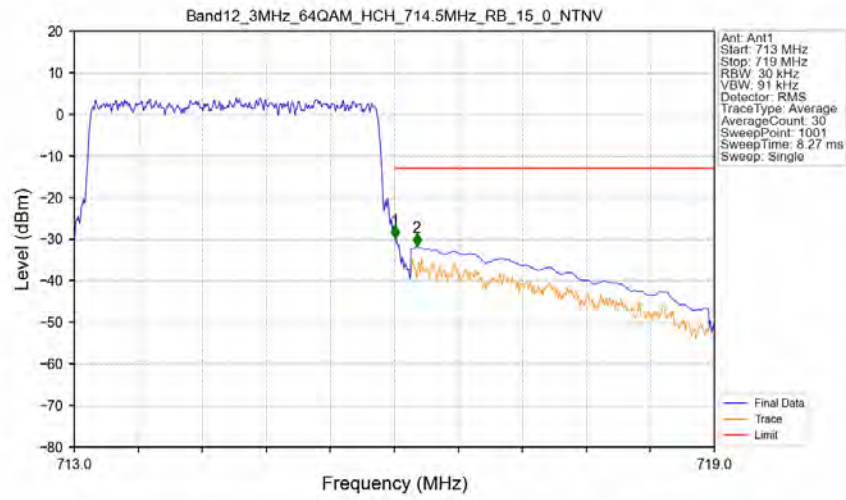


Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_14_NTNV



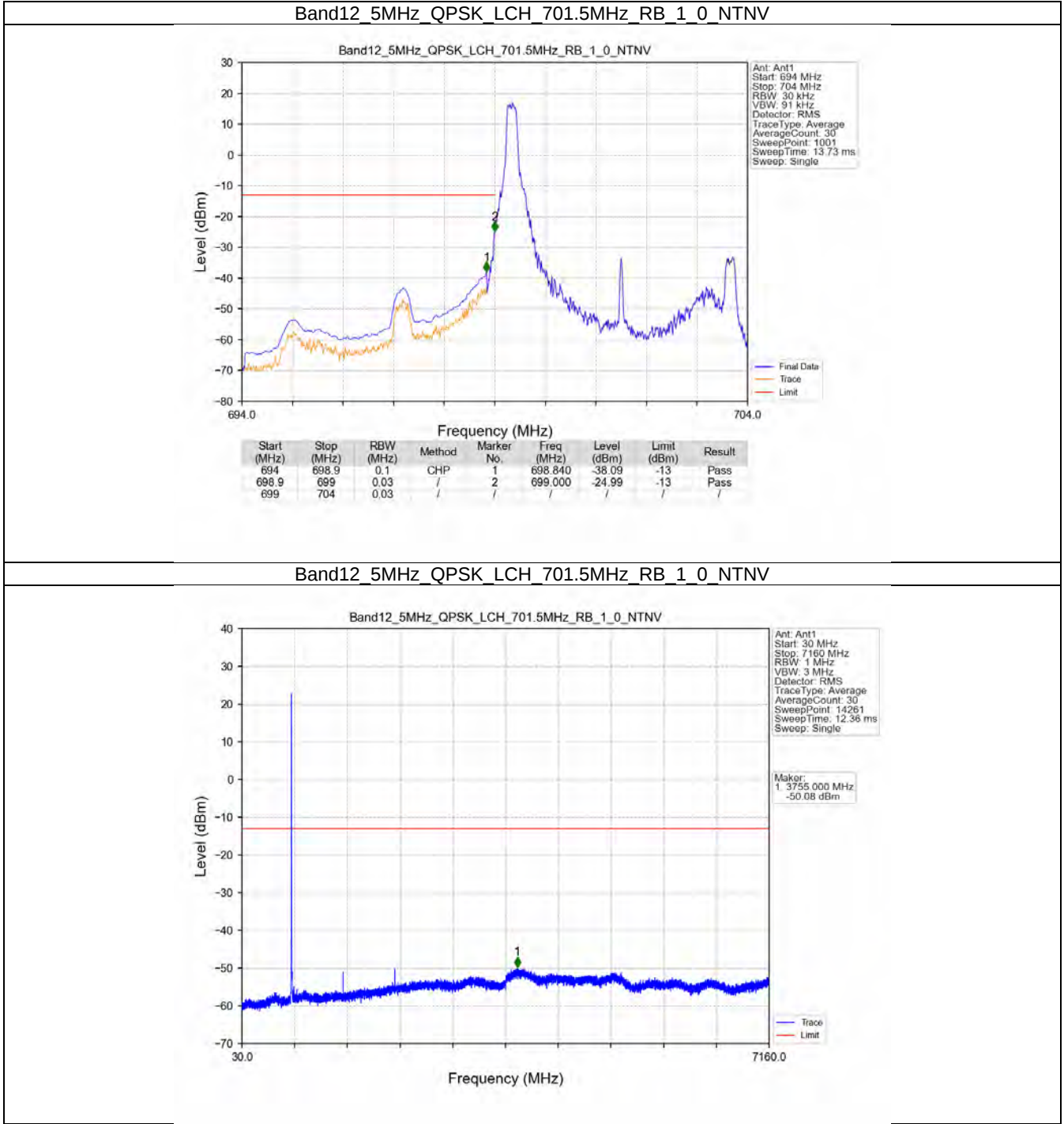
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-21.51	-13	Pass
716.1	719	0.1	CHP	2	716.156	-35.11	-13	Pass

Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV

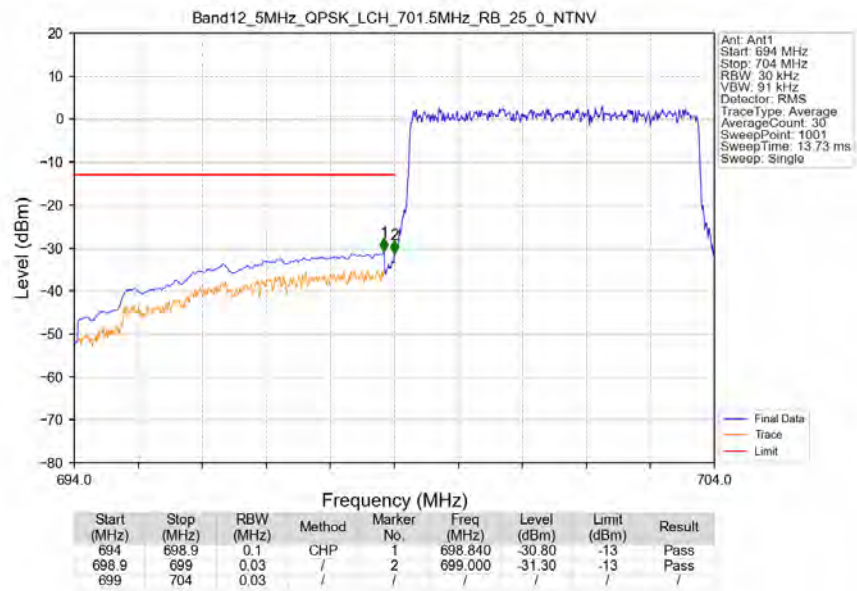


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-29.77	-13	Pass
716.1	719	0.1	CHP	2	716.210	-31.71	-13	Pass

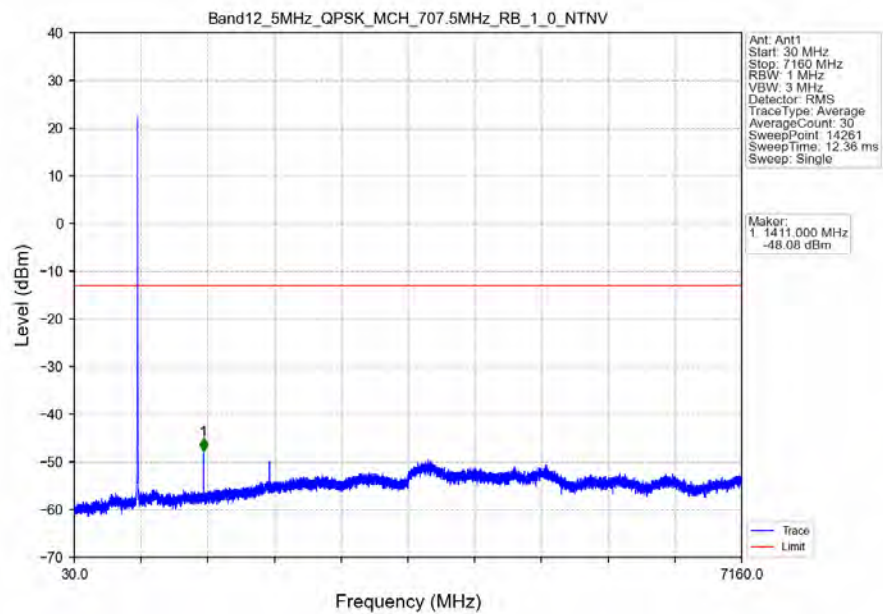
5.2.3 B12_5MHz



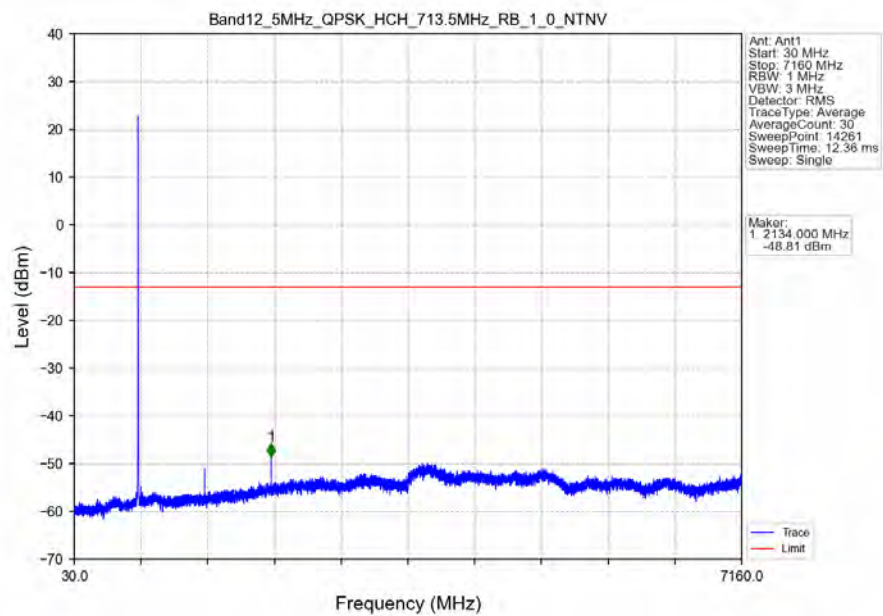
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



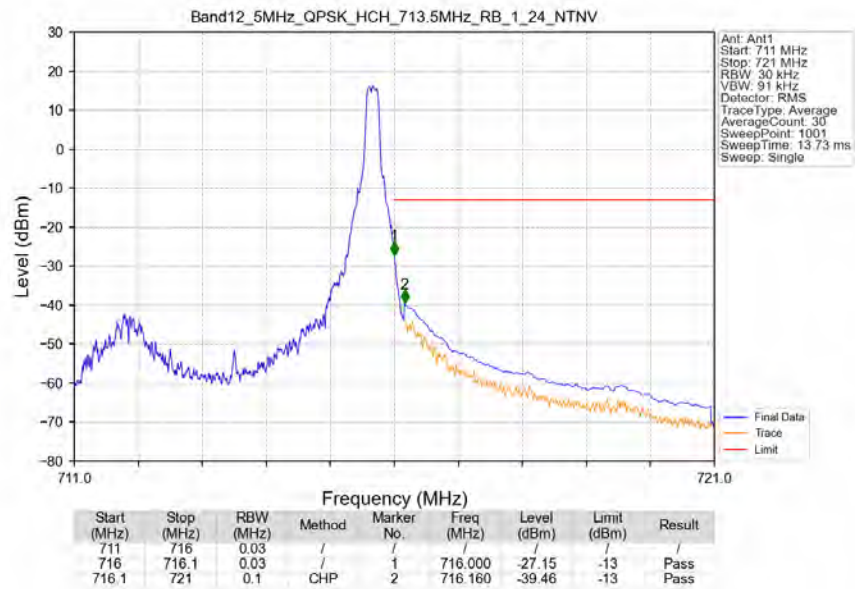
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



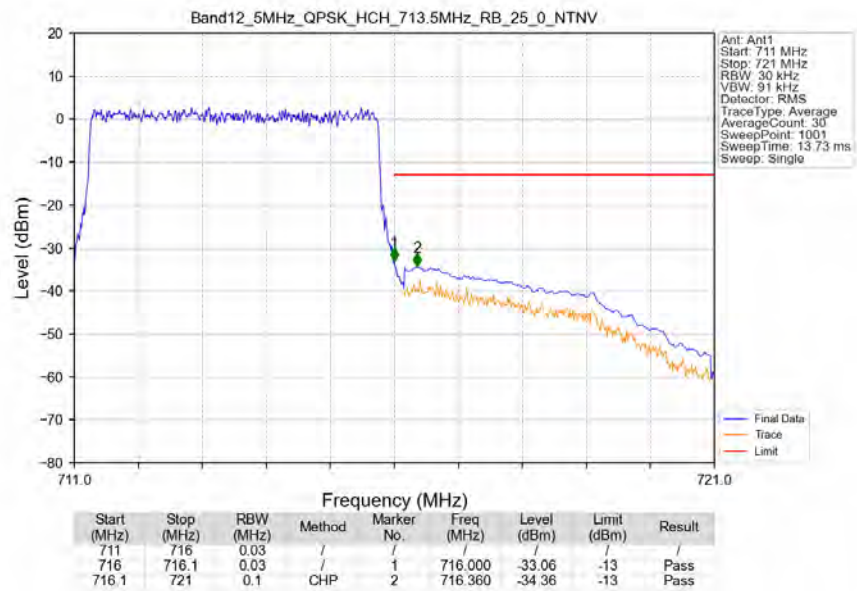
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



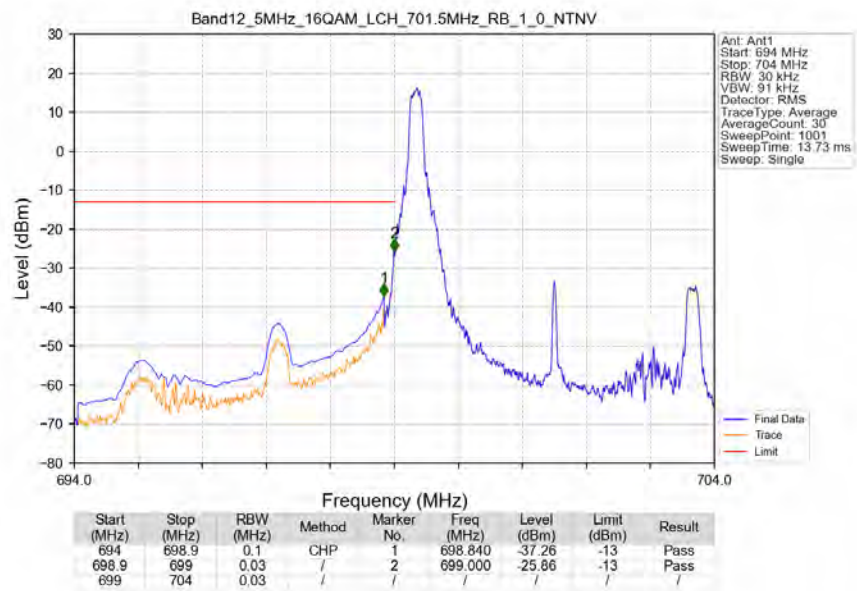
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



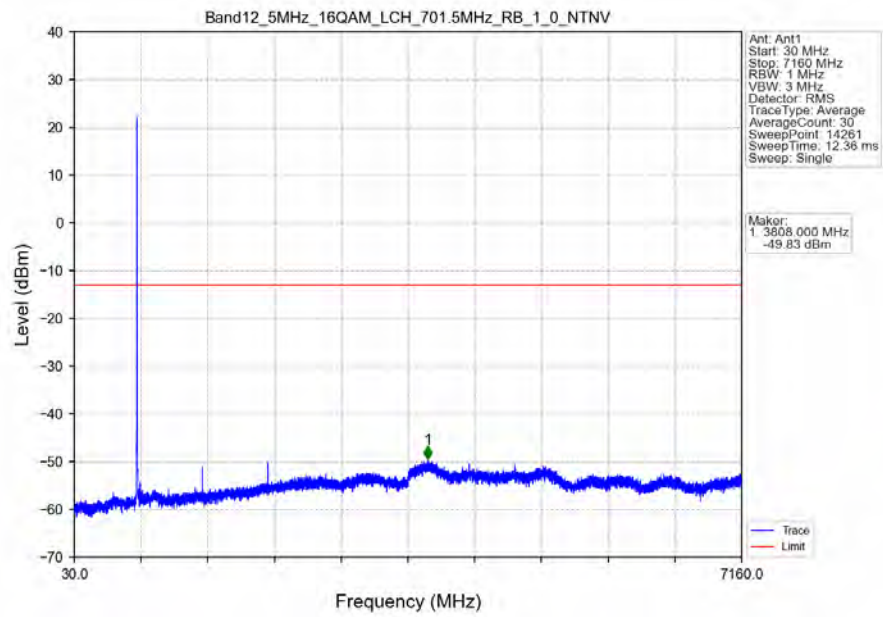
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



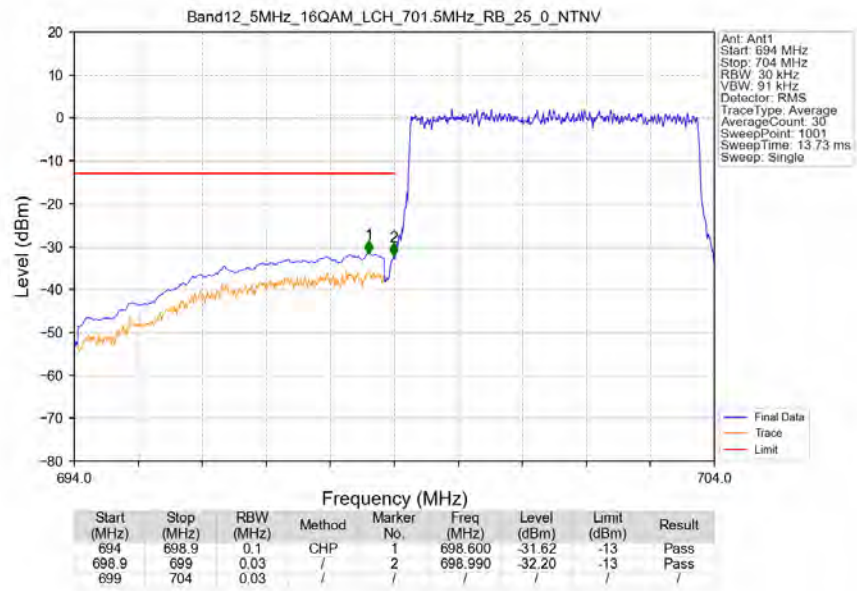
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



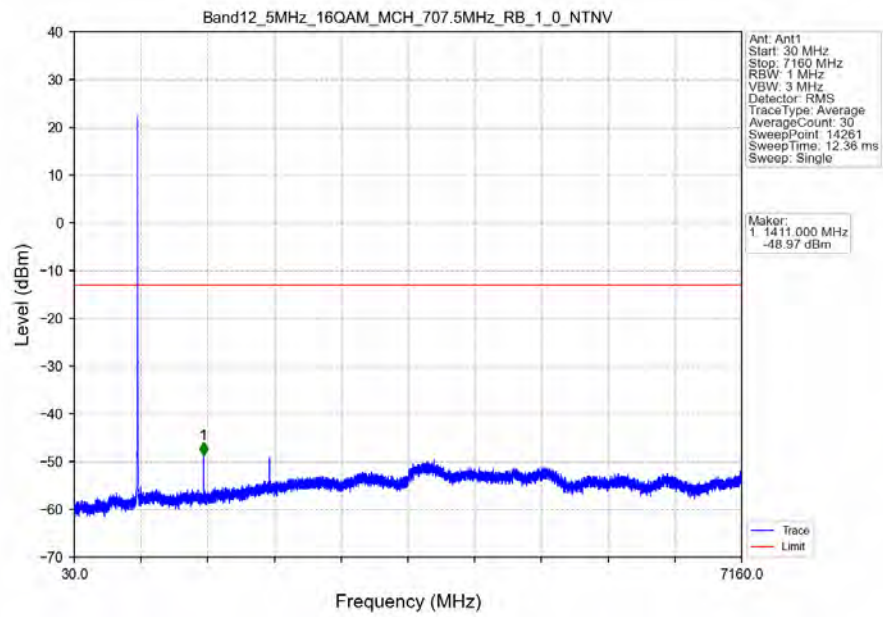
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



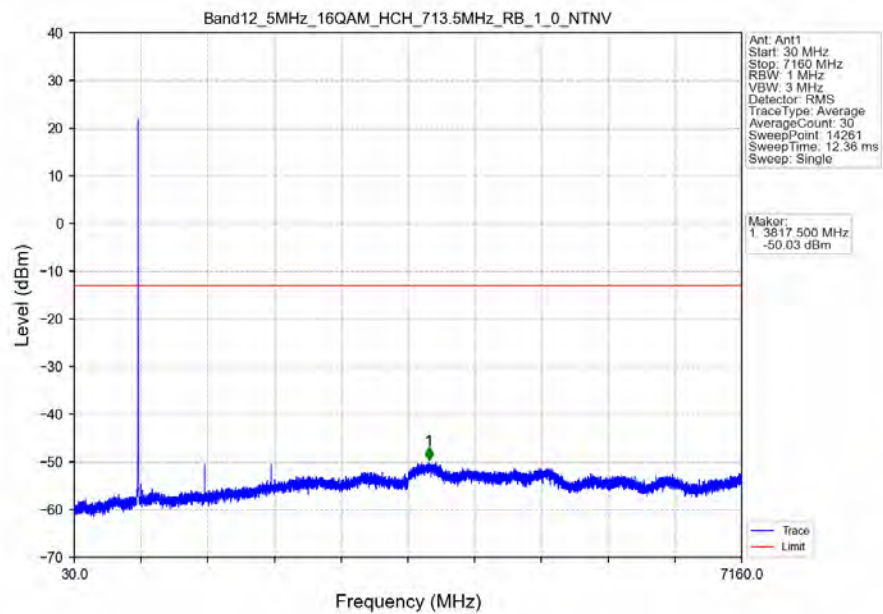
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



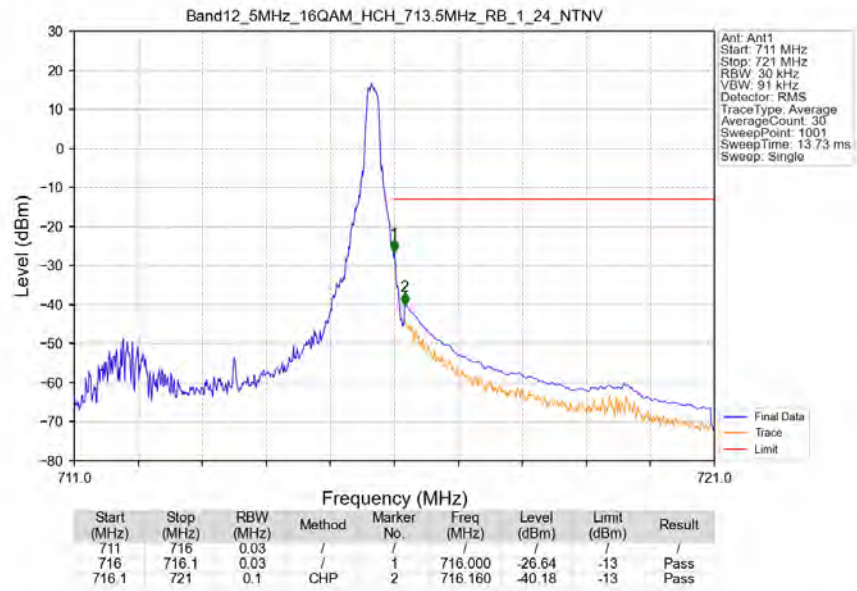
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



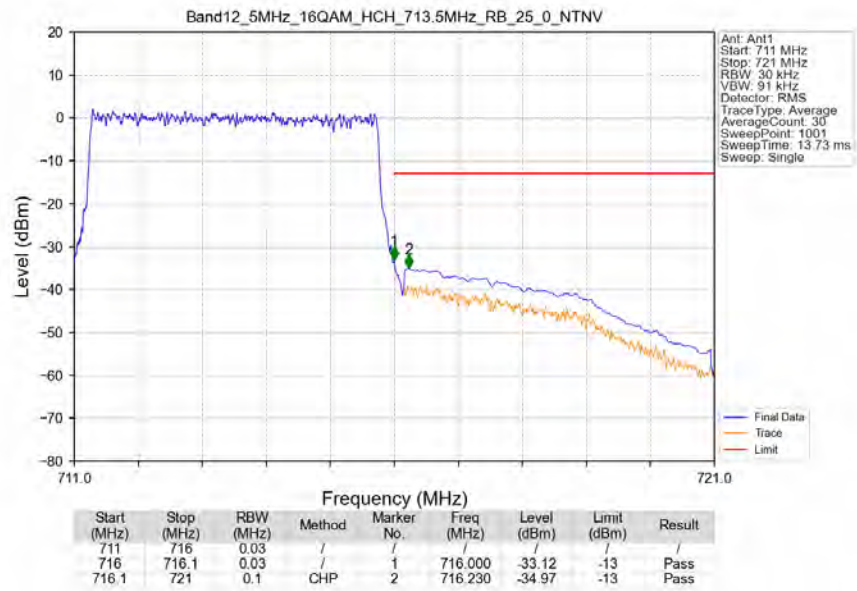
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



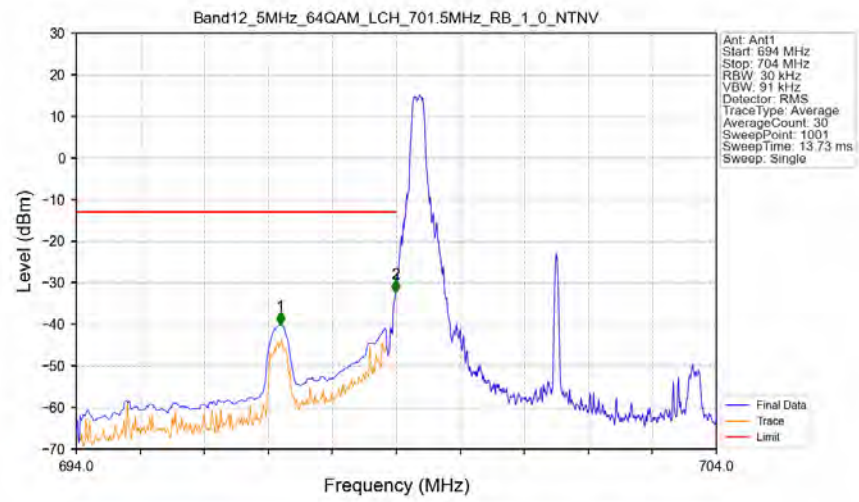
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



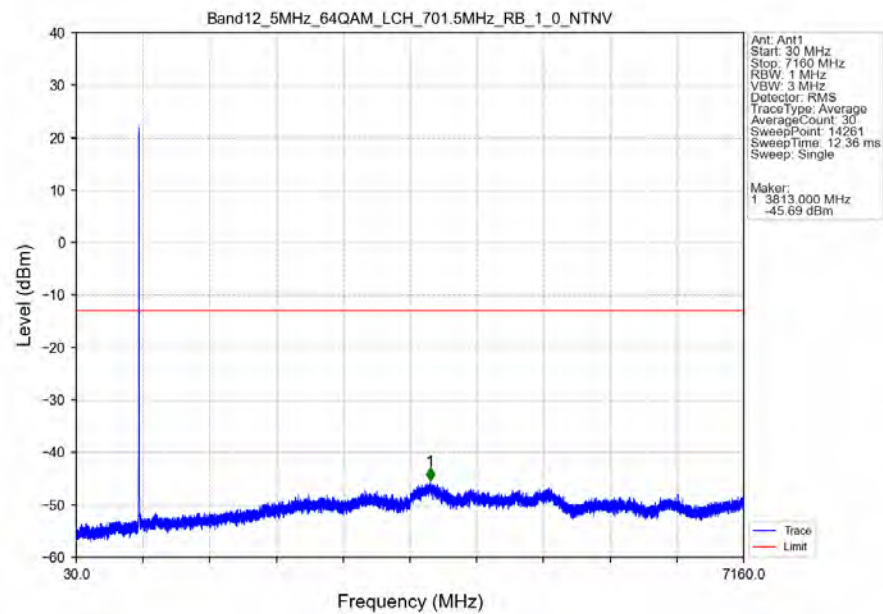
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



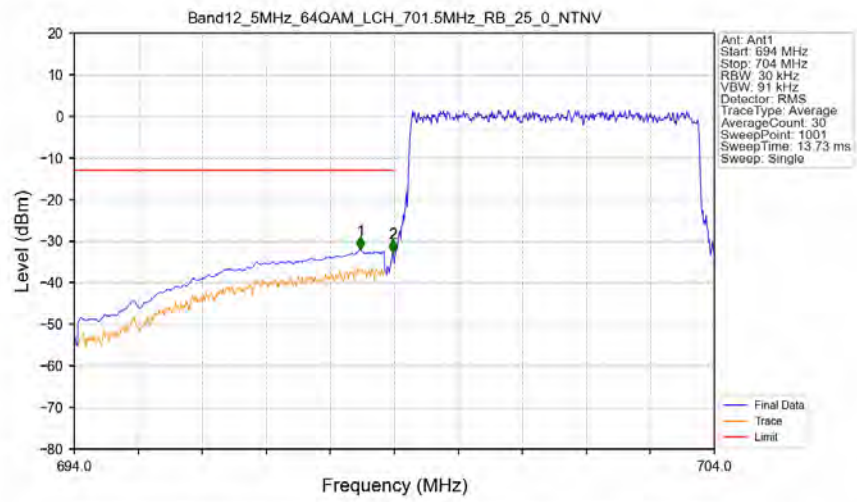
Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV

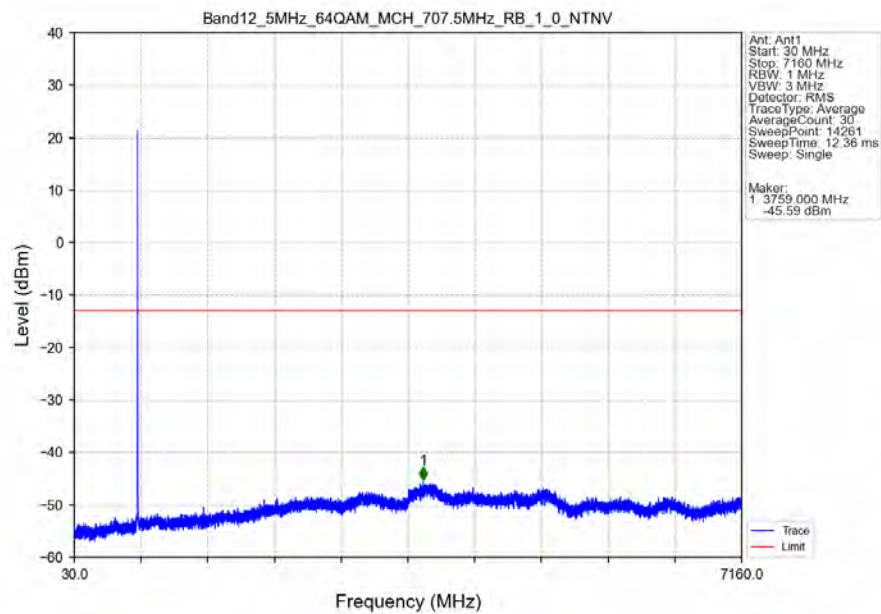


Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV

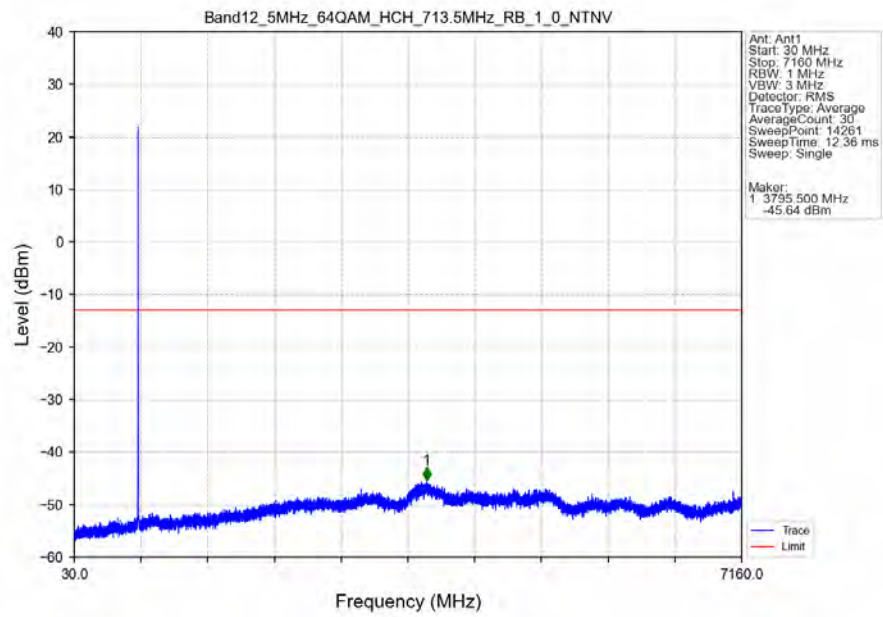


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.470	-32.12	-13	Pass
698.9	699	0.03	/	2	698.980	-32.75	-13	Pass
699	704	0.03	/	/	/	/	/	/

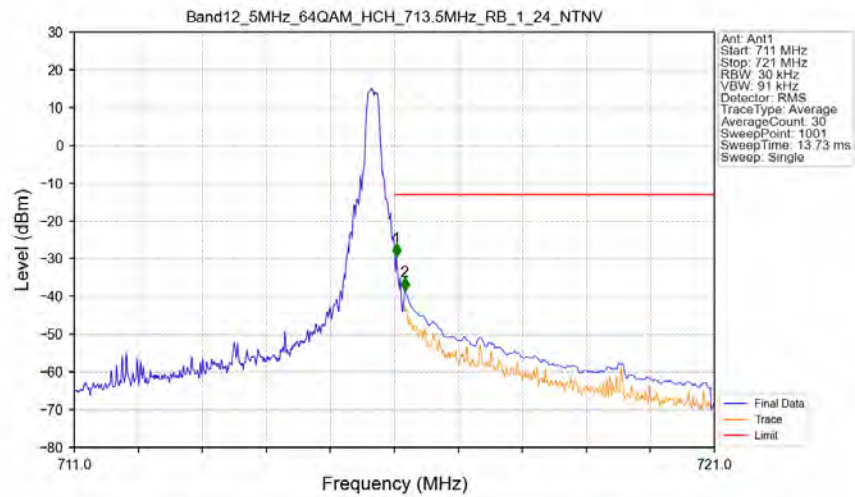
Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV

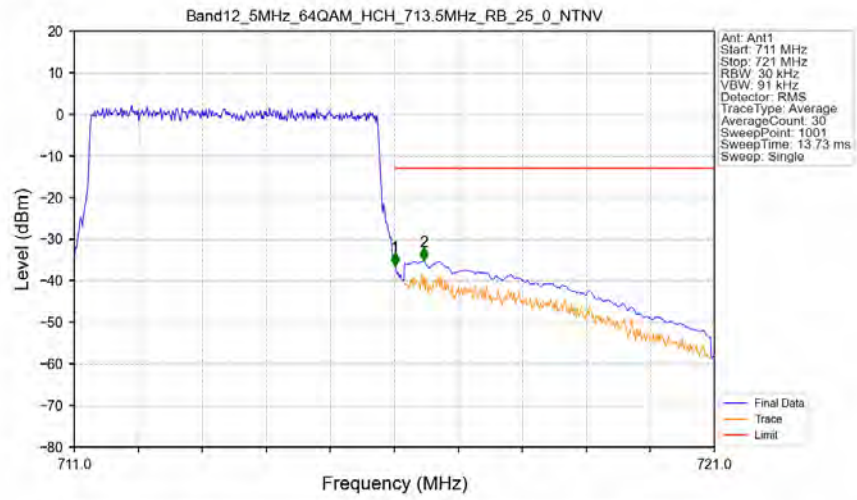


Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV



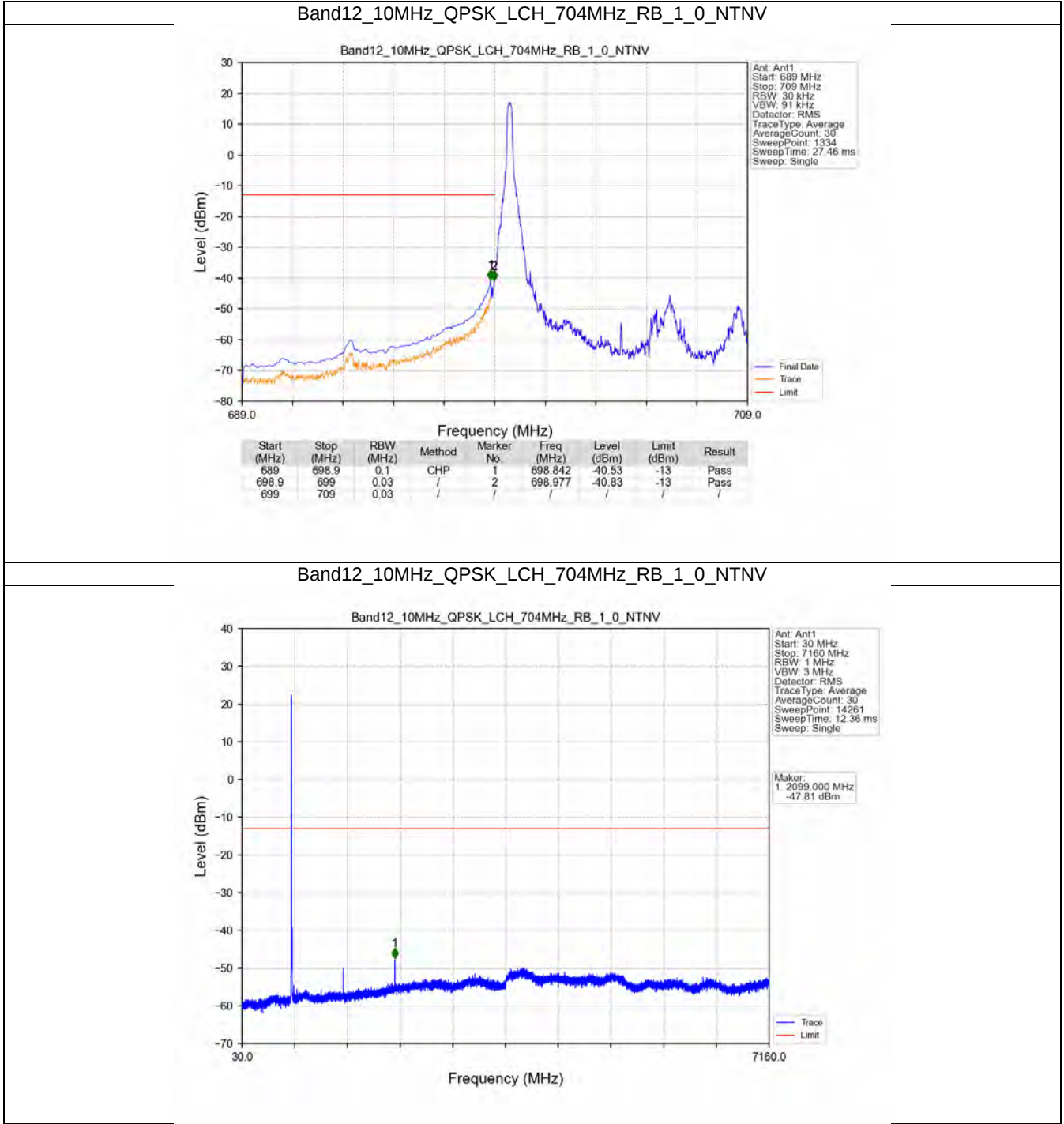
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-29.49	-13	Pass
716.1	721	0.1	CHP	2	716.160	-38.44	-13	Pass

Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV

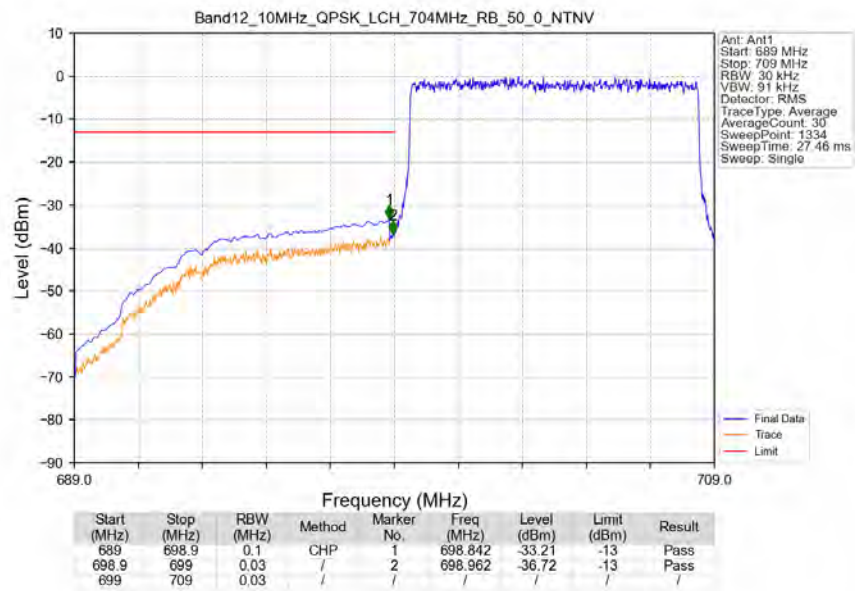


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-36.43	-13	Pass
716.1	721	0.1	CHP	2	716.460	-35.11	-13	Pass

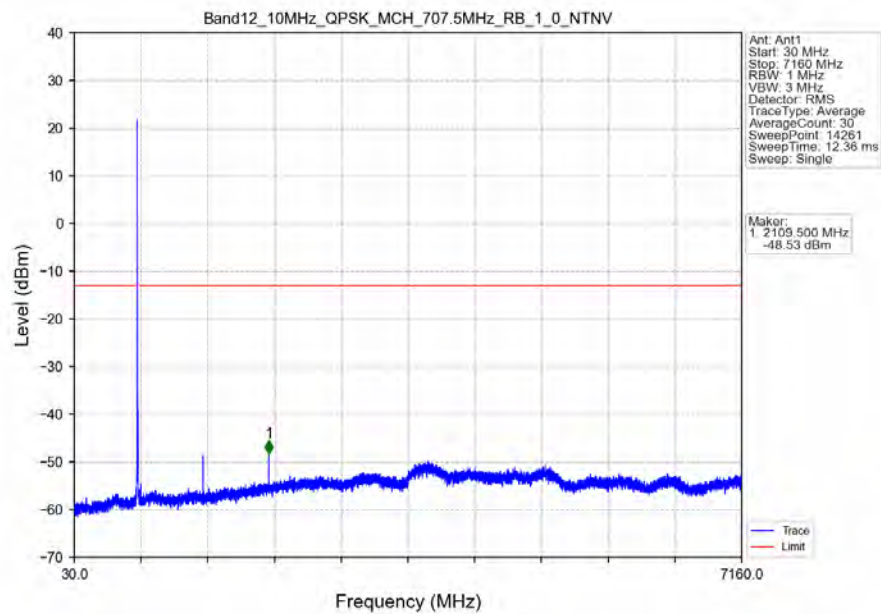
5.2.4 B12_10MHz



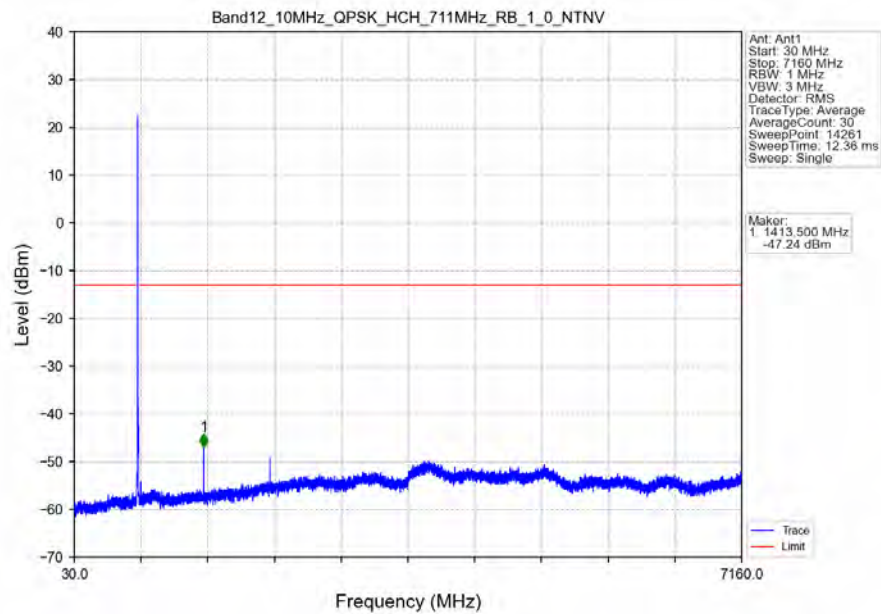
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



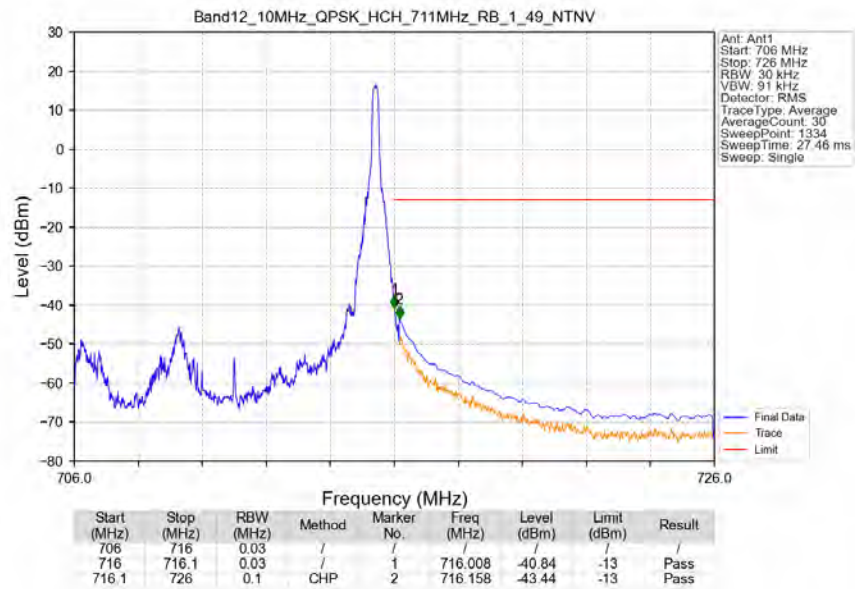
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



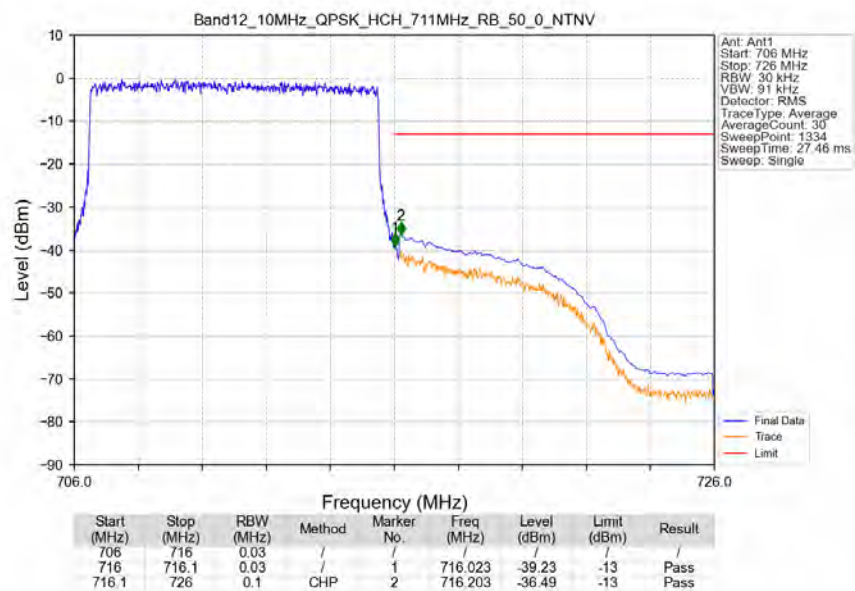
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



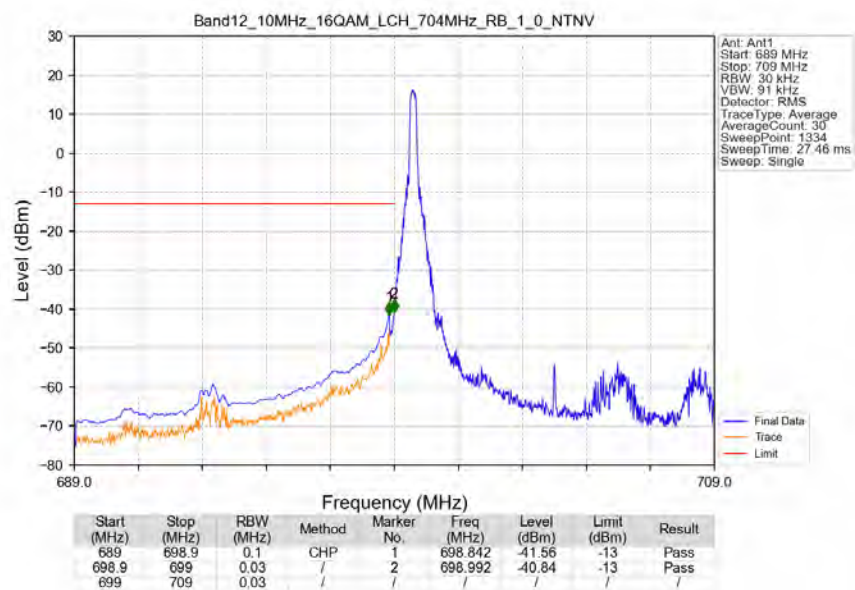
Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



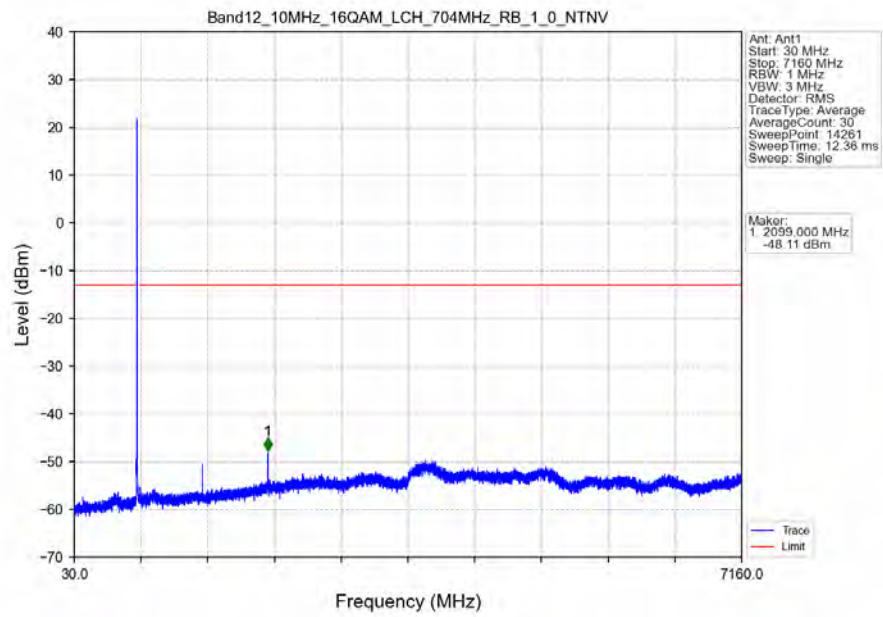
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



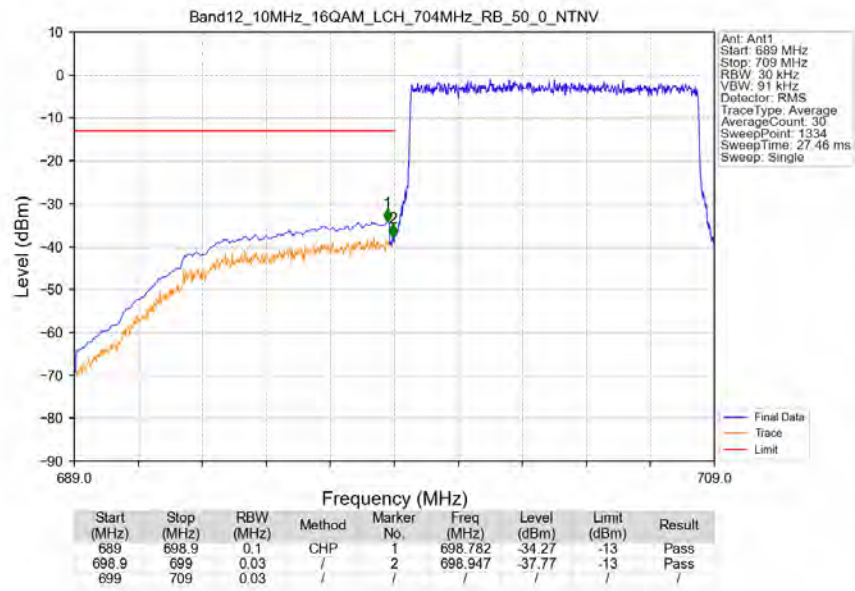
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



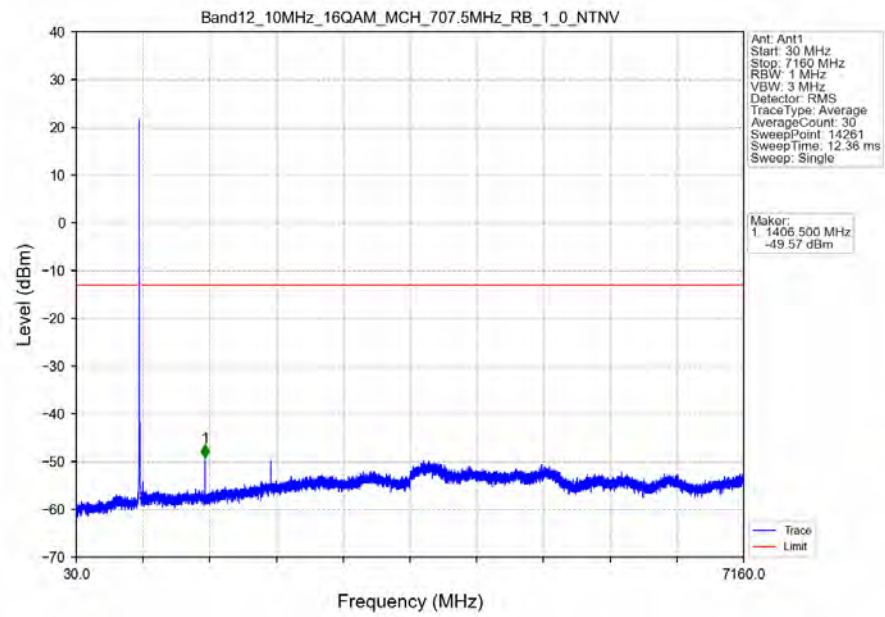
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



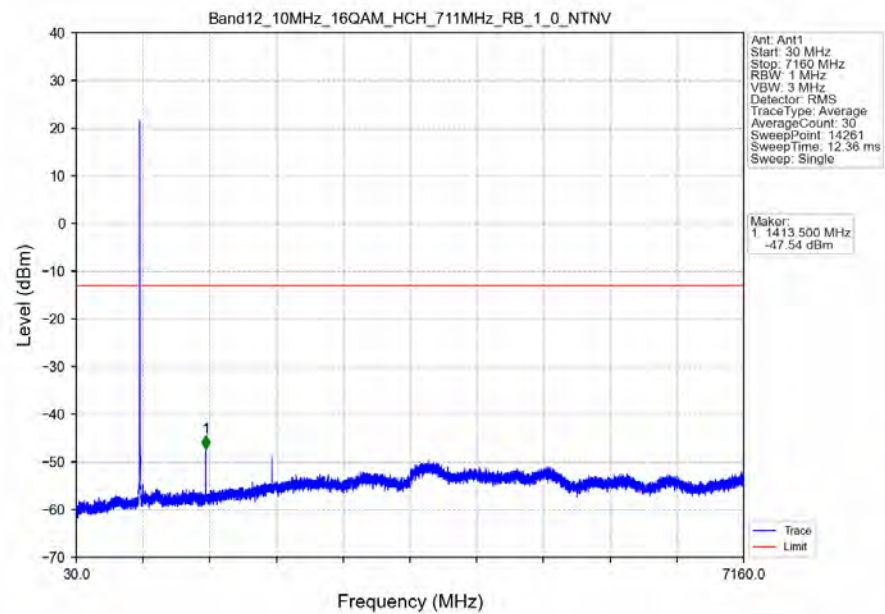
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



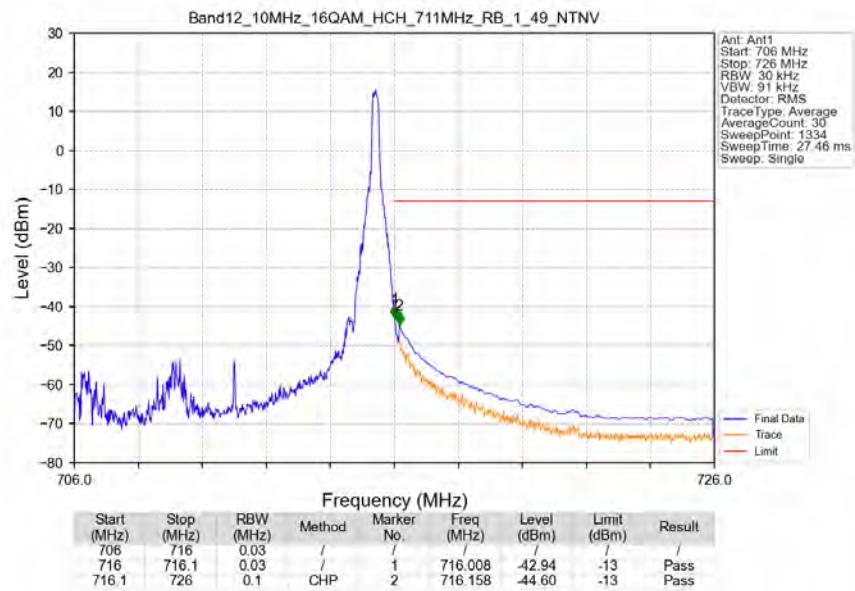
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



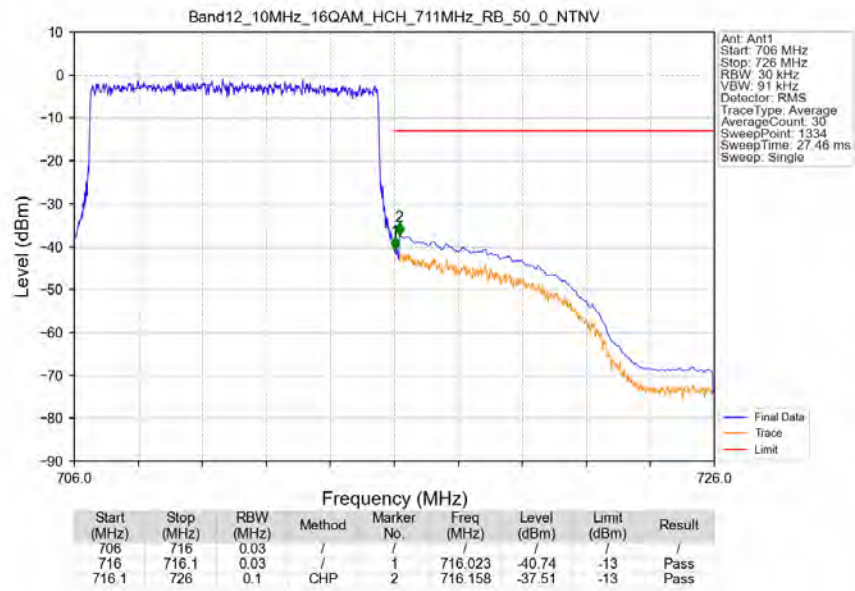
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



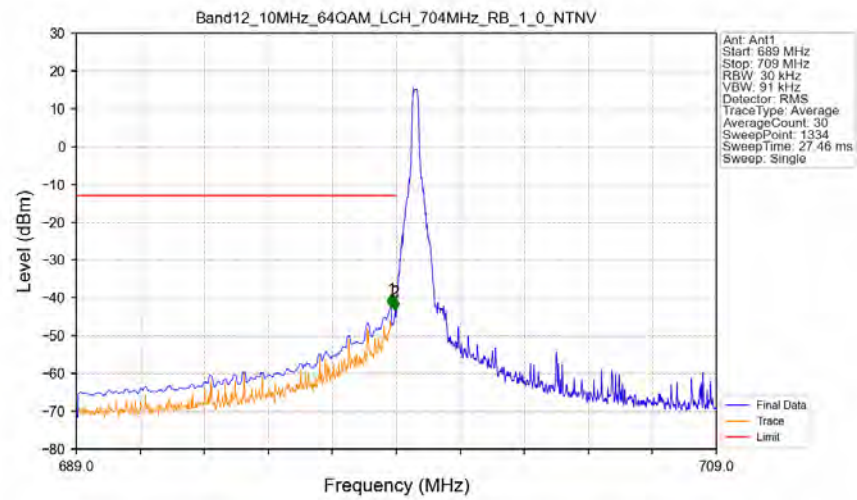
Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

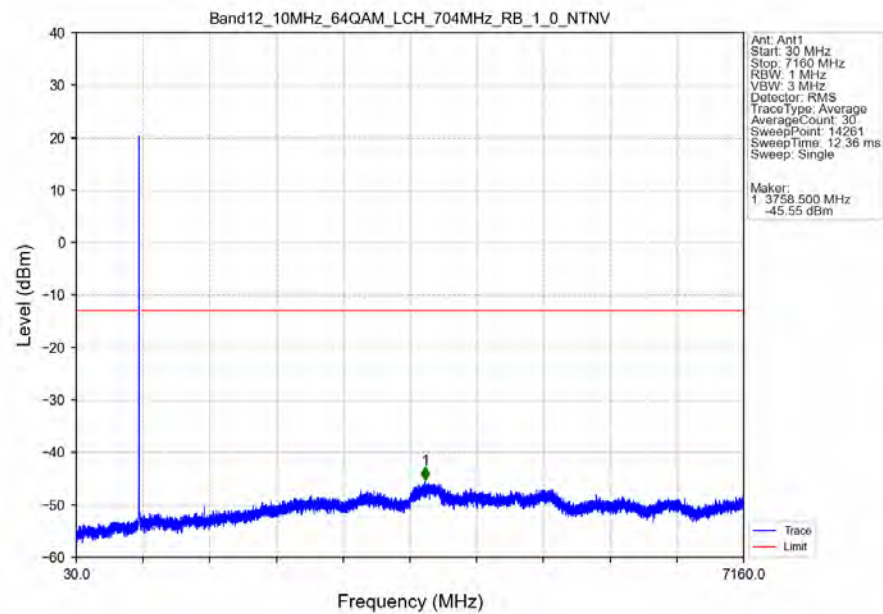


Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV

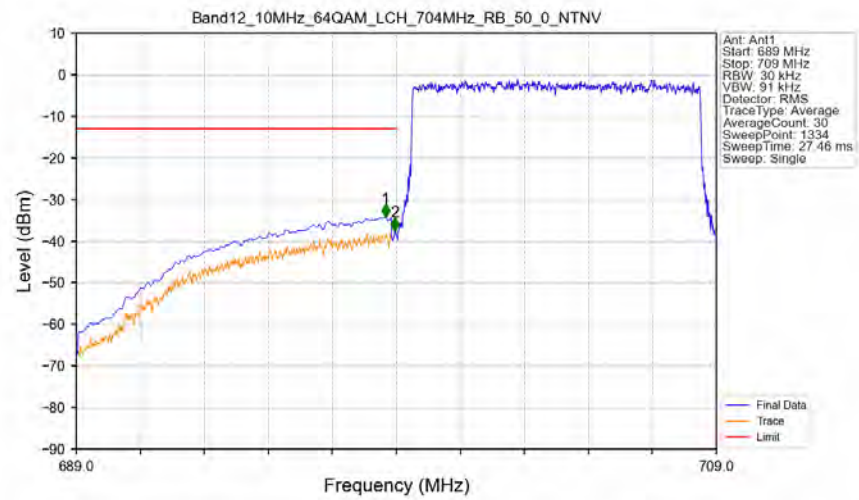


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-42.40	-13	Pass
698.9	699	0.03	/	2	698.962	-43.30	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV

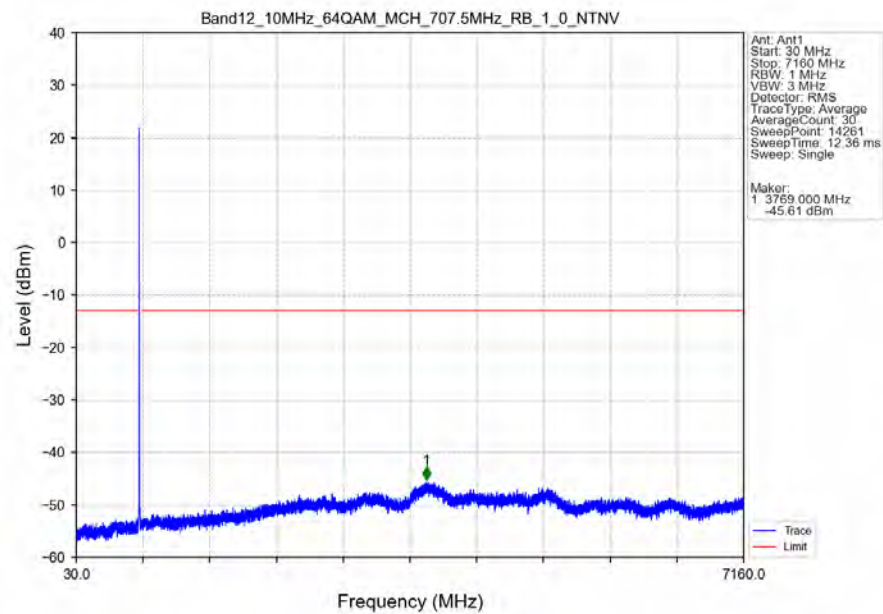


Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV

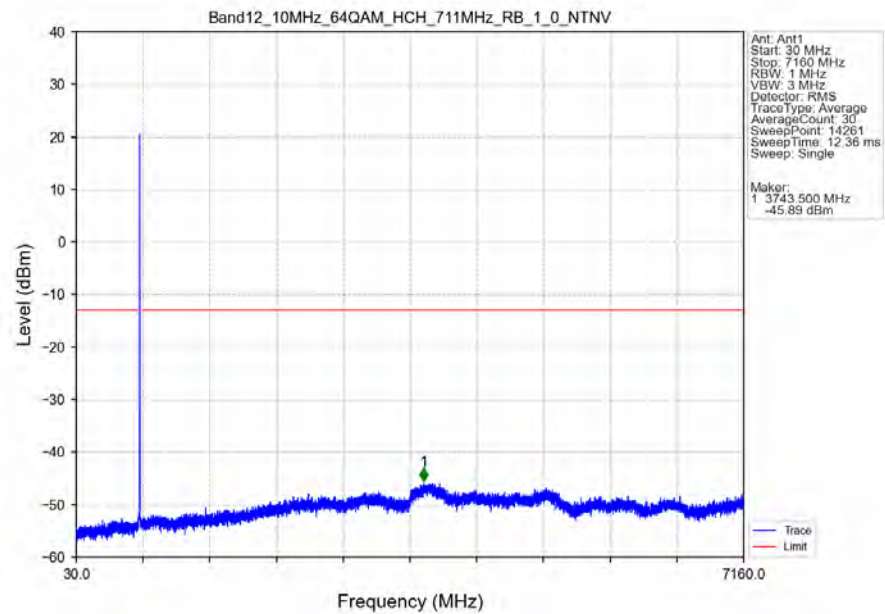


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.662	-34.25	-13	Pass
698.9	699	0.03	/	2	698.962	-37.46	-13	Pass
699	709	0.03	/	/	/	/	/	/

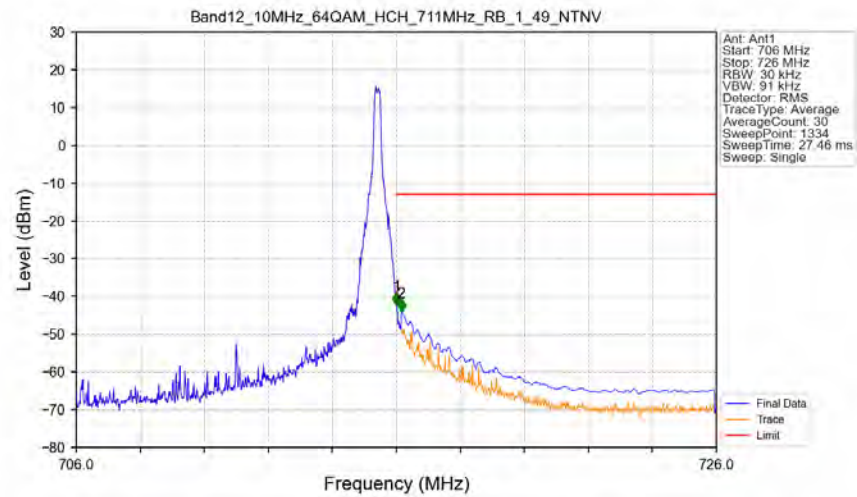
Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV

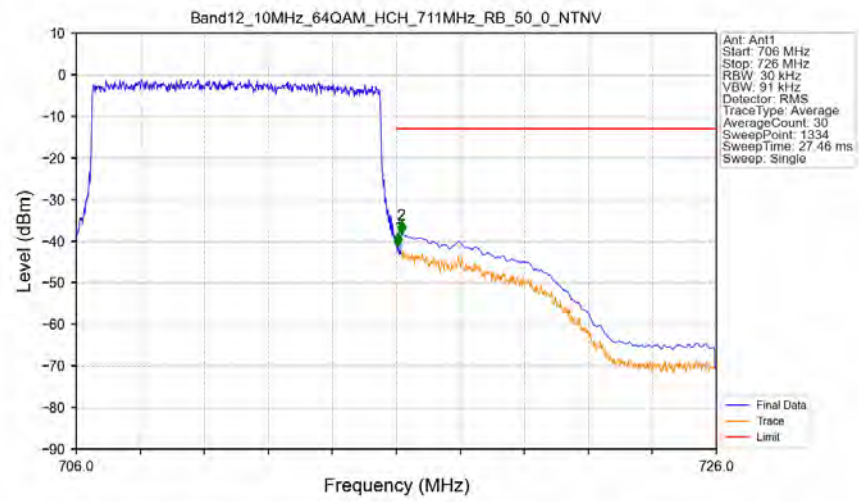


Band12_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV



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	716.008	-42.26	-13	Pass
716.1	726	0.1	CHP	2	716.158	-44.16	-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	716.053	-41.07	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.25	-13	Pass