

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	24.26	-6.50	15.61	<=34.77	Pass
			2	24.24	-6.50	15.59	<=34.77	Pass
			5	24.28	-6.50	15.63	<=34.77	Pass
		3	0	24.16	-6.50	15.51	<=34.77	Pass
			2	24.21	-6.50	15.56	<=34.77	Pass
			3	24.16	-6.50	15.51	<=34.77	Pass
		6	0	23.18	-6.50	14.53	<=34.77	Pass
	707.5	1	0	24.30	-6.50	15.65	<=34.77	Pass
			2	24.24	-6.50	15.59	<=34.77	Pass
			5	24.23	-6.50	15.58	<=34.77	Pass
		3	0	24.17	-6.50	15.52	<=34.77	Pass
			2	24.18	-6.50	15.53	<=34.77	Pass
			3	24.16	-6.50	15.51	<=34.77	Pass
		6	0	23.18	-6.50	14.53	<=34.77	Pass
	715.3	1	0	24.12	-6.50	15.47	<=34.77	Pass
			2	24.08	-6.50	15.43	<=34.77	Pass
			5	24.09	-6.50	15.44	<=34.77	Pass
		3	0	24.10	-6.50	15.45	<=34.77	Pass
			2	24.10	-6.50	15.45	<=34.77	Pass
			3	24.10	-6.50	15.45	<=34.77	Pass
		6	0	23.14	-6.50	14.49	<=34.77	Pass
16QAM	699.7	1	0	23.09	-6.50	14.44	<=34.77	Pass
			2	23.11	-6.50	14.46	<=34.77	Pass
			5	23.17	-6.50	14.52	<=34.77	Pass
		3	0	23.01	-6.50	14.36	<=34.77	Pass
			2	23.01	-6.50	14.36	<=34.77	Pass
			3	23.02	-6.50	14.37	<=34.77	Pass
		6	0	22.16	-6.50	13.51	<=34.77	Pass
	707.5	1	0	23.58	-6.50	14.93	<=34.77	Pass
			2	23.55	-6.50	14.90	<=34.77	Pass
			5	23.56	-6.50	14.91	<=34.77	Pass
		3	0	23.17	-6.50	14.52	<=34.77	Pass
			2	23.17	-6.50	14.52	<=34.77	Pass
			3	23.18	-6.50	14.53	<=34.77	Pass
		6	0	22.14	-6.50	13.49	<=34.77	Pass
	715.3	1	0	23.16	-6.50	14.51	<=34.77	Pass
			2	23.14	-6.50	14.49	<=34.77	Pass
			5	23.19	-6.50	14.54	<=34.77	Pass
		3	0	23.21	-6.50	14.56	<=34.77	Pass
			2	23.20	-6.50	14.55	<=34.77	Pass
			3	23.20	-6.50	14.55	<=34.77	Pass
		6	0	22.22	-6.50	13.57	<=34.77	Pass
64QAM	699.7	1	0	22.50	-6.50	13.85	<=34.77	Pass
			2	22.54	-6.50	13.89	<=34.77	Pass
			5	22.58	-6.50	13.93	<=34.77	Pass
		3	0	22.33	-6.50	13.68	<=34.77	Pass
			2	22.34	-6.50	13.69	<=34.77	Pass
			3	22.36	-6.50	13.71	<=34.77	Pass
		6	0	21.21	-6.50	12.56	<=34.77	Pass
	707.5	1	0	22.35	-6.50	13.70	<=34.77	Pass
			2	22.34	-6.50	13.69	<=34.77	Pass
			5	22.33	-6.50	13.68	<=34.77	Pass
		3	0	22.22	-6.50	13.57	<=34.77	Pass
			2	22.22	-6.50	13.57	<=34.77	Pass

			3	22.21	-6.50	13.56	<=34.77	Pass
		6	0	21.13	-6.50	12.48	<=34.77	Pass
	715.3	1	0	22.65	-6.50	14.00	<=34.77	Pass
			2	22.67	-6.50	14.02	<=34.77	Pass
			5	22.69	-6.50	14.04	<=34.77	Pass
		3	0	22.26	-6.50	13.61	<=34.77	Pass
			2	22.27	-6.50	13.62	<=34.77	Pass
			3	22.28	-6.50	13.63	<=34.77	Pass
		6	0	21.20	-6.50	12.55	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	24.24	-6.50	15.59	<=34.77	Pass
			7	24.24	-6.50	15.59	<=34.77	Pass
			14	24.21	-6.50	15.56	<=34.77	Pass
		8	0	23.19	-6.50	14.54	<=34.77	Pass
			4	23.17	-6.50	14.52	<=34.77	Pass
			7	23.14	-6.50	14.49	<=34.77	Pass
		15	0	23.12	-6.50	14.47	<=34.77	Pass
	707.5	1	0	24.22	-6.50	15.57	<=34.77	Pass
			7	24.17	-6.50	15.52	<=34.77	Pass
			14	24.13	-6.50	15.48	<=34.77	Pass
		8	0	23.16	-6.50	14.51	<=34.77	Pass
			4	23.15	-6.50	14.50	<=34.77	Pass
			7	23.16	-6.50	14.51	<=34.77	Pass
		15	0	23.15	-6.50	14.50	<=34.77	Pass
	714.5	1	0	24.20	-6.50	15.55	<=34.77	Pass
			7	24.20	-6.50	15.55	<=34.77	Pass
			14	24.20	-6.50	15.55	<=34.77	Pass
		8	0	23.14	-6.50	14.49	<=34.77	Pass
			4	23.15	-6.50	14.50	<=34.77	Pass
			7	23.10	-6.50	14.45	<=34.77	Pass
		15	0	23.14	-6.50	14.49	<=34.77	Pass
16QAM	700.5	1	0	23.49	-6.50	14.84	<=34.77	Pass
			7	23.55	-6.50	14.90	<=34.77	Pass
			14	23.53	-6.50	14.88	<=34.77	Pass
		8	0	22.21	-6.50	13.56	<=34.77	Pass
			4	22.24	-6.50	13.59	<=34.77	Pass
			7	22.19	-6.50	13.54	<=34.77	Pass
		15	0	22.17	-6.50	13.52	<=34.77	Pass
	707.5	1	0	23.22	-6.50	14.57	<=34.77	Pass
			7	23.18	-6.50	14.53	<=34.77	Pass
			14	23.15	-6.50	14.50	<=34.77	Pass
		8	0	22.17	-6.50	13.52	<=34.77	Pass
			4	22.13	-6.50	13.48	<=34.77	Pass
			7	22.14	-6.50	13.49	<=34.77	Pass
		15	0	22.12	-6.50	13.47	<=34.77	Pass
	714.5	1	0	23.10	-6.50	14.45	<=34.77	Pass
			7	23.10	-6.50	14.45	<=34.77	Pass
			14	23.08	-6.50	14.43	<=34.77	Pass
		8	0	22.12	-6.50	13.47	<=34.77	Pass
			4	22.08	-6.50	13.43	<=34.77	Pass
			7	22.05	-6.50	13.40	<=34.77	Pass
		15	0	22.15	-6.50	13.50	<=34.77	Pass
64QAM	700.5	1	0	22.27	-6.50	13.62	<=34.77	Pass
			7	22.34	-6.50	13.69	<=34.77	Pass
			14	22.28	-6.50	13.63	<=34.77	Pass
		8	0	21.03	-6.50	12.38	<=34.77	Pass

		15	4	21.07	-6.50	12.42	<=34.77	Pass
			7	21.03	-6.50	12.38	<=34.77	Pass
			0	21.09	-6.50	12.44	<=34.77	Pass
	707.5	1	0	22.08	-6.50	13.43	<=34.77	Pass
			7	22.08	-6.50	13.43	<=34.77	Pass
			14	22.02	-6.50	13.37	<=34.77	Pass
		8	0	21.09	-6.50	12.44	<=34.77	Pass
			4	21.06	-6.50	12.41	<=34.77	Pass
			7	21.05	-6.50	12.40	<=34.77	Pass
		15	0	21.10	-6.50	12.45	<=34.77	Pass
		714.5	1	0	22.50	-6.50	13.85	<=34.77
	7			22.53	-6.50	13.88	<=34.77	Pass
	14			22.52	-6.50	13.87	<=34.77	Pass
	8		0	21.19	-6.50	12.54	<=34.77	Pass
			4	21.15	-6.50	12.50	<=34.77	Pass
			7	21.11	-6.50	12.46	<=34.77	Pass
	15		0	21.10	-6.50	12.45	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	24.22	-6.50	15.57	<=34.77	Pass
			13	24.20	-6.50	15.55	<=34.77	Pass
			24	24.25	-6.50	15.60	<=34.77	Pass
		12	0	23.22	-6.50	14.57	<=34.77	Pass
			6	23.17	-6.50	14.52	<=34.77	Pass
			13	23.16	-6.50	14.51	<=34.77	Pass
		25	0	23.20	-6.50	14.55	<=34.77	Pass
	707.5	1	0	24.19	-6.50	15.54	<=34.77	Pass
			13	24.22	-6.50	15.57	<=34.77	Pass
			24	24.17	-6.50	15.52	<=34.77	Pass
		12	0	23.20	-6.50	14.55	<=34.77	Pass
			6	23.18	-6.50	14.53	<=34.77	Pass
			13	23.18	-6.50	14.53	<=34.77	Pass
		25	0	23.23	-6.50	14.58	<=34.77	Pass
	713.5	1	0	24.28	-6.50	15.63	<=34.77	Pass
			13	24.20	-6.50	15.55	<=34.77	Pass
			24	24.24	-6.50	15.59	<=34.77	Pass
		12	0	23.21	-6.50	14.56	<=34.77	Pass
			6	23.18	-6.50	14.53	<=34.77	Pass
			13	23.14	-6.50	14.49	<=34.77	Pass
		25	0	23.24	-6.50	14.59	<=34.77	Pass
16QAM	701.5	1	0	23.25	-6.50	14.60	<=34.77	Pass
			13	23.29	-6.50	14.64	<=34.77	Pass
			24	23.34	-6.50	14.69	<=34.77	Pass
		12	0	22.20	-6.50	13.55	<=34.77	Pass
			6	22.20	-6.50	13.55	<=34.77	Pass
			13	22.15	-6.50	13.50	<=34.77	Pass
		25	0	22.13	-6.50	13.48	<=34.77	Pass
	707.5	1	0	23.57	-6.50	14.92	<=34.77	Pass
			13	23.62	-6.50	14.97	<=34.77	Pass
			24	23.58	-6.50	14.93	<=34.77	Pass
		12	0	22.22	-6.50	13.57	<=34.77	Pass
			6	22.19	-6.50	13.54	<=34.77	Pass
			13	22.17	-6.50	13.52	<=34.77	Pass
		25	0	22.19	-6.50	13.54	<=34.77	Pass
	713.5	1	0	23.16	-6.50	14.51	<=34.77	Pass
			13	23.14	-6.50	14.49	<=34.77	Pass
			24	23.12	-6.50	14.47	<=34.77	Pass

64QAM	701.5	12	0	22.31	-6.50	13.66	<=34.77	Pass
			6	22.28	-6.50	13.63	<=34.77	Pass
			13	22.25	-6.50	13.60	<=34.77	Pass
		25	0	22.31	-6.50	13.66	<=34.77	Pass
			6	22.28	-6.50	13.63	<=34.77	Pass
			13	22.25	-6.50	13.60	<=34.77	Pass
	707.5	1	0	22.41	-6.50	13.76	<=34.77	Pass
			13	22.42	-6.50	13.77	<=34.77	Pass
			24	22.47	-6.50	13.82	<=34.77	Pass
		12	0	21.25	-6.50	12.60	<=34.77	Pass
			6	21.21	-6.50	12.56	<=34.77	Pass
			13	21.19	-6.50	12.54	<=34.77	Pass
		25	0	21.24	-6.50	12.59	<=34.77	Pass
			6	21.21	-6.50	12.56	<=34.77	Pass
			13	21.19	-6.50	12.54	<=34.77	Pass
		1	0	22.32	-6.50	13.67	<=34.77	Pass
			13	22.34	-6.50	13.69	<=34.77	Pass
			24	22.32	-6.50	13.67	<=34.77	Pass
	713.5	12	0	21.13	-6.50	12.48	<=34.77	Pass
			6	21.12	-6.50	12.47	<=34.77	Pass
			13	21.13	-6.50	12.48	<=34.77	Pass
		25	0	21.13	-6.50	12.48	<=34.77	Pass
			6	21.12	-6.50	12.47	<=34.77	Pass
			13	21.13	-6.50	12.48	<=34.77	Pass
		1	0	22.42	-6.50	13.77	<=34.77	Pass
			13	22.36	-6.50	13.71	<=34.77	Pass
			24	22.38	-6.50	13.73	<=34.77	Pass
		12	0	21.25	-6.50	12.60	<=34.77	Pass
			6	21.21	-6.50	12.56	<=34.77	Pass
			13	21.19	-6.50	12.54	<=34.77	Pass
		25	0	21.27	-6.50	12.62	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	24.20	-6.50	15.55	<=34.77	Pass
			25	24.15	-6.50	15.50	<=34.77	Pass
			49	24.18	-6.50	15.53	<=34.77	Pass
		25	0	23.21	-6.50	14.56	<=34.77	Pass
			13	23.20	-6.50	14.55	<=34.77	Pass
			25	23.17	-6.50	14.52	<=34.77	Pass
		50	0	23.17	-6.50	14.52	<=34.77	Pass
	707.5	1	0	24.29	-6.50	15.64	<=34.77	Pass
			25	24.21	-6.50	15.56	<=34.77	Pass
			49	24.25	-6.50	15.60	<=34.77	Pass
		25	0	23.21	-6.50	14.56	<=34.77	Pass
			13	23.17	-6.50	14.52	<=34.77	Pass
			25	23.23	-6.50	14.58	<=34.77	Pass
		50	0	23.21	-6.50	14.56	<=34.77	Pass
	711	1	0	24.32	-6.50	15.67	<=34.77	Pass
			25	24.19	-6.50	15.54	<=34.77	Pass
			49	24.21	-6.50	15.56	<=34.77	Pass
		25	0	23.13	-6.50	14.48	<=34.77	Pass
			13	23.13	-6.50	14.48	<=34.77	Pass
			25	23.14	-6.50	14.49	<=34.77	Pass
		50	0	23.15	-6.50	14.50	<=34.77	Pass
16QAM	704	1	0	23.19	-6.50	14.54	<=34.77	Pass
			25	23.16	-6.50	14.51	<=34.77	Pass
			49	23.21	-6.50	14.56	<=34.77	Pass
		25	0	22.23	-6.50	13.58	<=34.77	Pass
			13	22.19	-6.50	13.54	<=34.77	Pass
			25	22.18	-6.50	13.53	<=34.77	Pass
		50	0	22.15	-6.50	13.50	<=34.77	Pass
	707.5	1	0	23.14	-6.50	14.49	<=34.77	Pass
			25	23.11	-6.50	14.46	<=34.77	Pass

64QAM	711	25	49	23.13	-6.50	14.48	<=34.77	Pass
			0	22.25	-6.50	13.60	<=34.77	Pass
			13	22.18	-6.50	13.53	<=34.77	Pass
			25	22.23	-6.50	13.58	<=34.77	Pass
		50	0	22.22	-6.50	13.57	<=34.77	Pass
	711	1	0	23.65	-6.50	15.00	<=34.77	Pass
			25	23.56	-6.50	14.91	<=34.77	Pass
			49	23.58	-6.50	14.93	<=34.77	Pass
		25	0	22.09	-6.50	13.44	<=34.77	Pass
			13	22.13	-6.50	13.48	<=34.77	Pass
			25	22.16	-6.50	13.51	<=34.77	Pass
		50	0	22.13	-6.50	13.48	<=34.77	Pass
	704	1	0	22.10	-6.50	13.45	<=34.77	Pass
			25	22.05	-6.50	13.40	<=34.77	Pass
			49	22.12	-6.50	13.47	<=34.77	Pass
		25	0	21.15	-6.50	12.50	<=34.77	Pass
			13	21.10	-6.50	12.45	<=34.77	Pass
			25	21.12	-6.50	12.47	<=34.77	Pass
		50	0	21.16	-6.50	12.51	<=34.77	Pass
	707.5	1	0	22.59	-6.50	13.94	<=34.77	Pass
			25	22.56	-6.50	13.91	<=34.77	Pass
			49	22.61	-6.50	13.96	<=34.77	Pass
		25	0	21.24	-6.50	12.59	<=34.77	Pass
			13	21.16	-6.50	12.51	<=34.77	Pass
			25	21.22	-6.50	12.57	<=34.77	Pass
		50	0	21.21	-6.50	12.56	<=34.77	Pass
	711	1	0	22.44	-6.50	13.79	<=34.77	Pass
			25	22.35	-6.50	13.70	<=34.77	Pass
			49	22.35	-6.50	13.70	<=34.77	Pass
		25	0	21.16	-6.50	12.51	<=34.77	Pass
			13	21.18	-6.50	12.53	<=34.77	Pass
			25	21.18	-6.50	12.53	<=34.77	Pass
		50	0	21.10	-6.50	12.45	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	707.5	50	0	20	LV	-6.590	-0.0093	-2.5 to 2.5	Pass
					NV	-2.477	-0.0035	-2.5 to 2.5	Pass
					HV	-0.365	-0.0005	-2.5 to 2.5	Pass
				-30	NV	-2.558	-0.0036	-2.5 to 2.5	Pass
				-20	NV	0.248	0.0004	-2.5 to 2.5	Pass
				-10	NV	-2.696	-0.0038	-2.5 to 2.5	Pass
				0	NV	-2.646	-0.0037	-2.5 to 2.5	Pass
				10	NV	-1.829	-0.0026	-2.5 to 2.5	Pass
				30	NV	-0.882	-0.0012	-2.5 to 2.5	Pass
				40	NV	0.931	0.0013	-2.5 to 2.5	Pass
				50	NV	-0.770	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

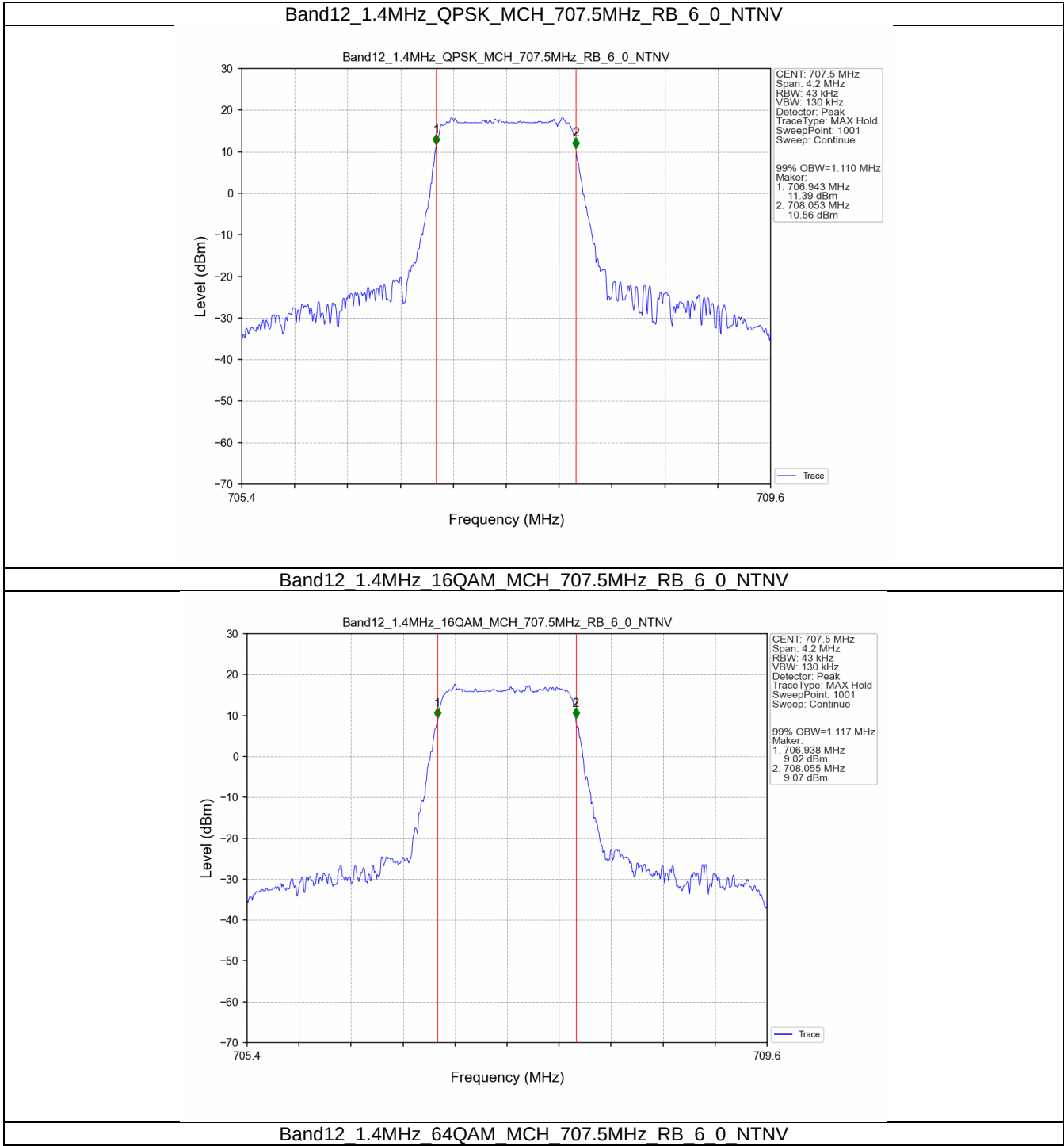
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.110	/	Pass
	16QAM	707.5	6	0	1.117	/	Pass
	64QAM	707.5	6	0	1.098	/	Pass
3	QPSK	707.5	15	0	2.737	/	Pass
	16QAM	707.5	15	0	2.727	/	Pass
	64QAM	707.5	15	0	2.731	/	Pass
5	QPSK	707.5	25	0	4.565	/	Pass
	16QAM	707.5	25	0	4.531	/	Pass
	64QAM	707.5	25	0	4.559	/	Pass
10	QPSK	707.5	50	0	9.095	/	Pass
	16QAM	707.5	50	0	9.072	/	Pass
	64QAM	707.5	50	0	9.076	/	Pass

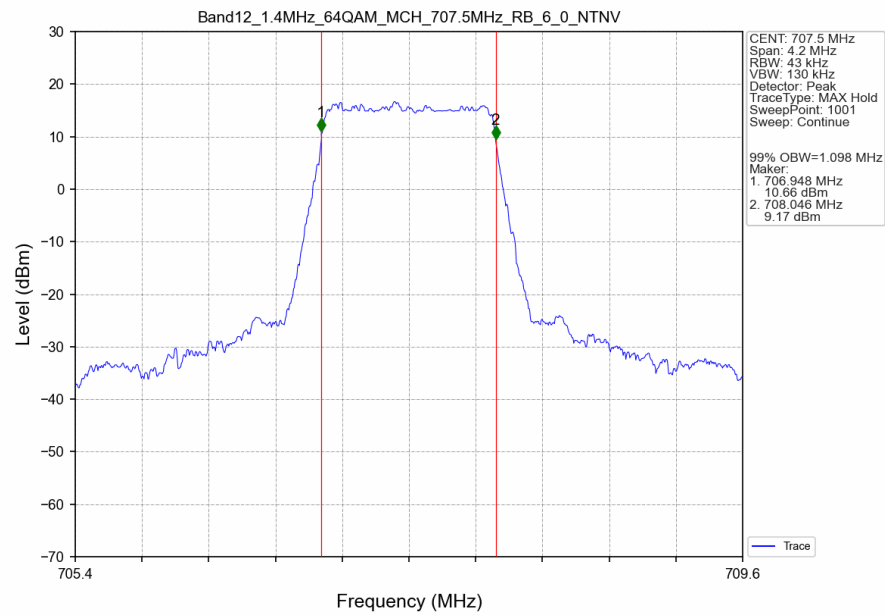
3.1.2 Band12_XDB

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.320	/	Pass
	16QAM	707.5	6	0	1.328	/	Pass
	64QAM	707.5	6	0	1.325	/	Pass
3	QPSK	707.5	15	0	3.010	/	Pass
	16QAM	707.5	15	0	3.033	/	Pass
	64QAM	707.5	15	0	3.010	/	Pass
5	QPSK	707.5	25	0	5.060	/	Pass
	16QAM	707.5	25	0	5.038	/	Pass
	64QAM	707.5	25	0	5.070	/	Pass
10	QPSK	707.5	50	0	10.015	/	Pass
	16QAM	707.5	50	0	9.971	/	Pass
	64QAM	707.5	50	0	10.029	/	Pass

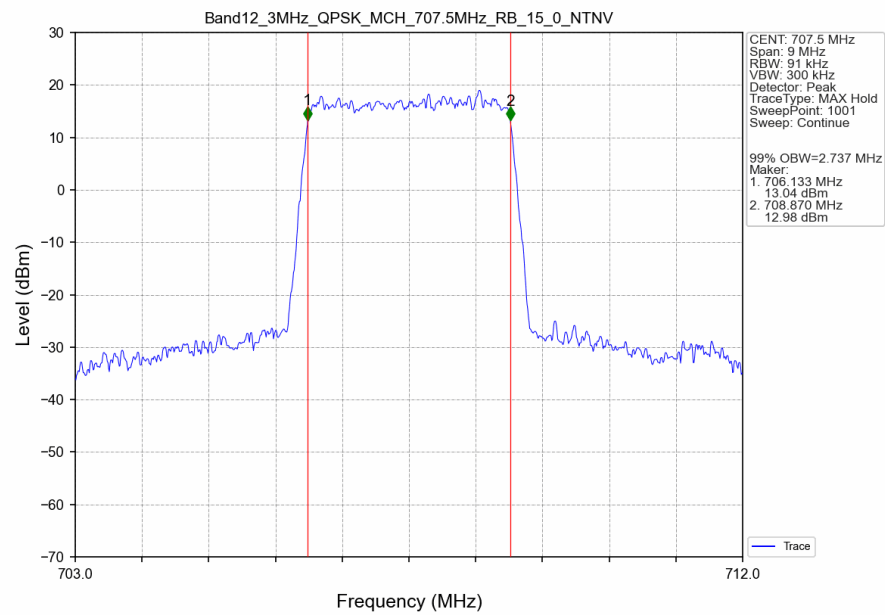
3.2 Test Graph

3.2.1 Band12_OBW

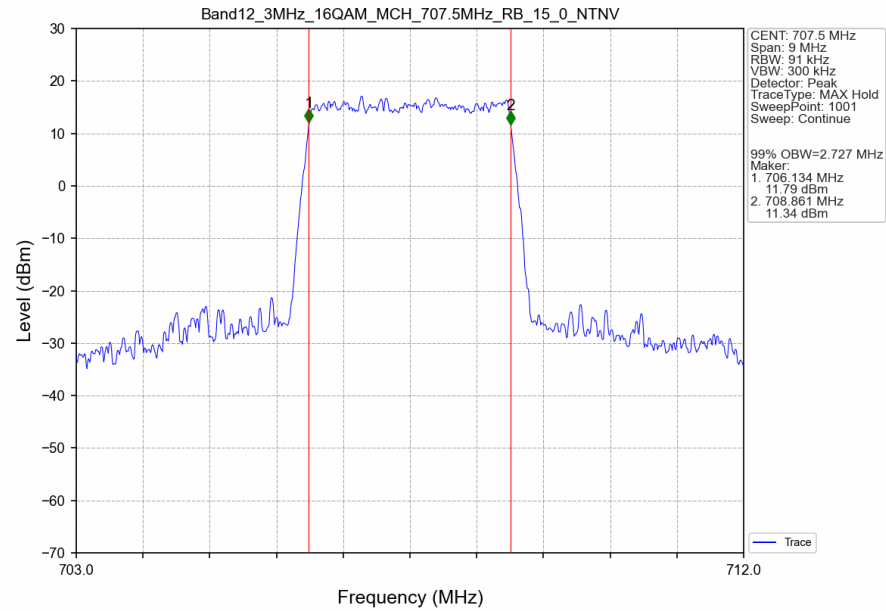




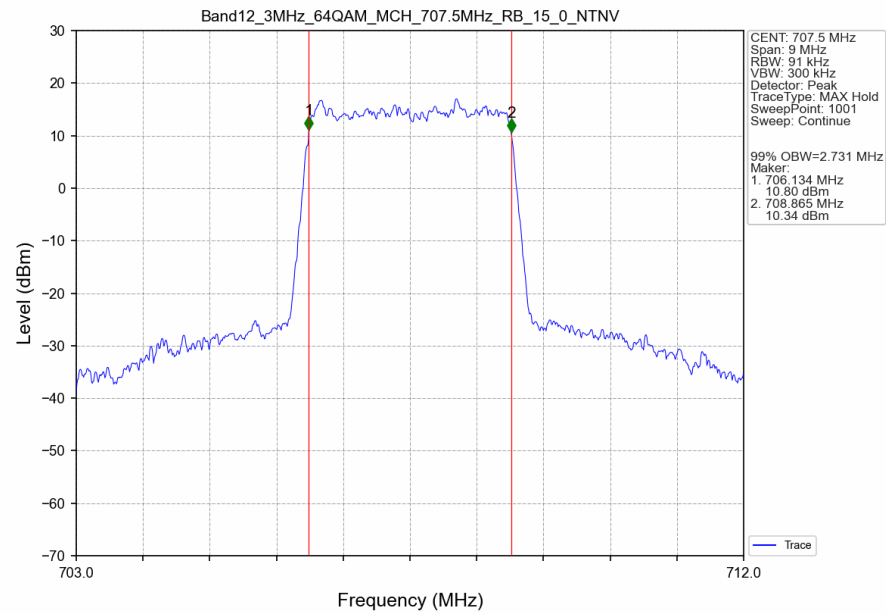
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTN



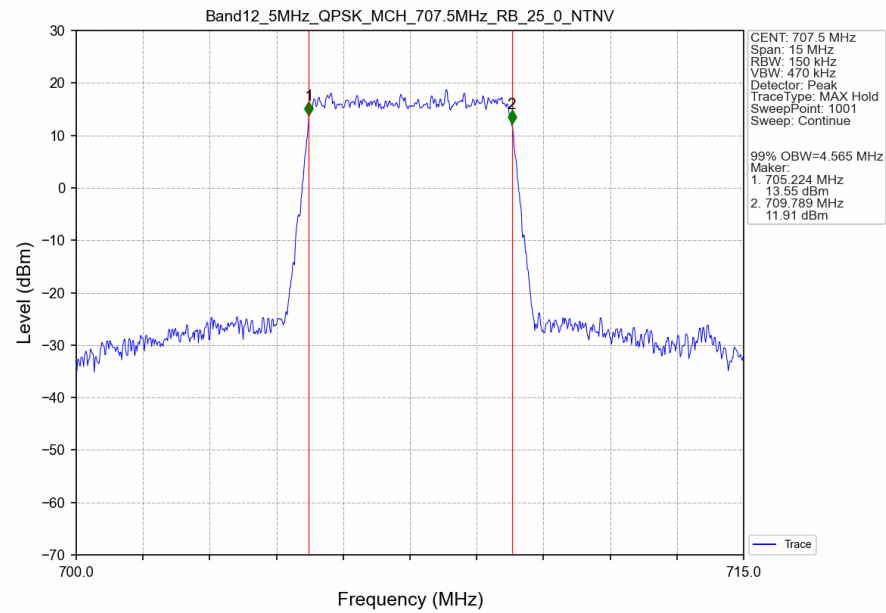
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



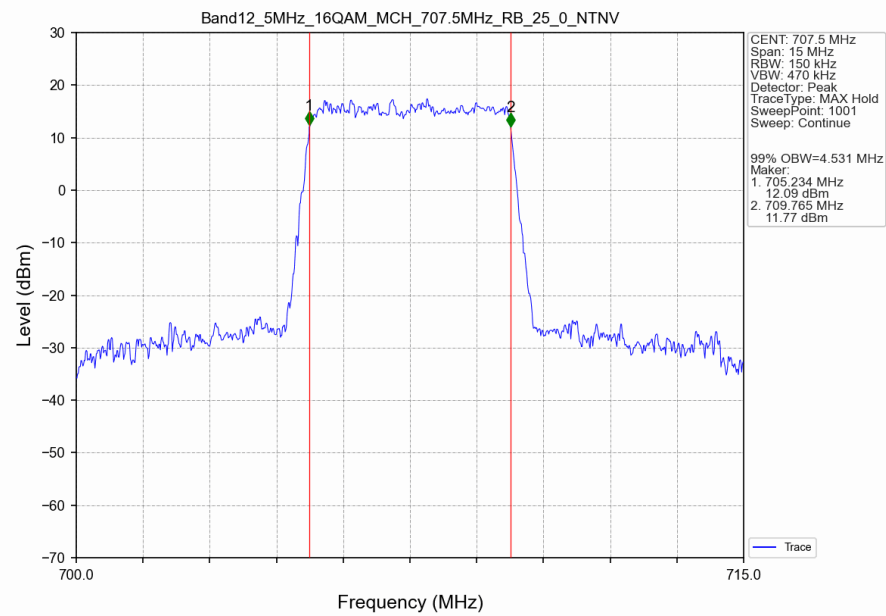
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV

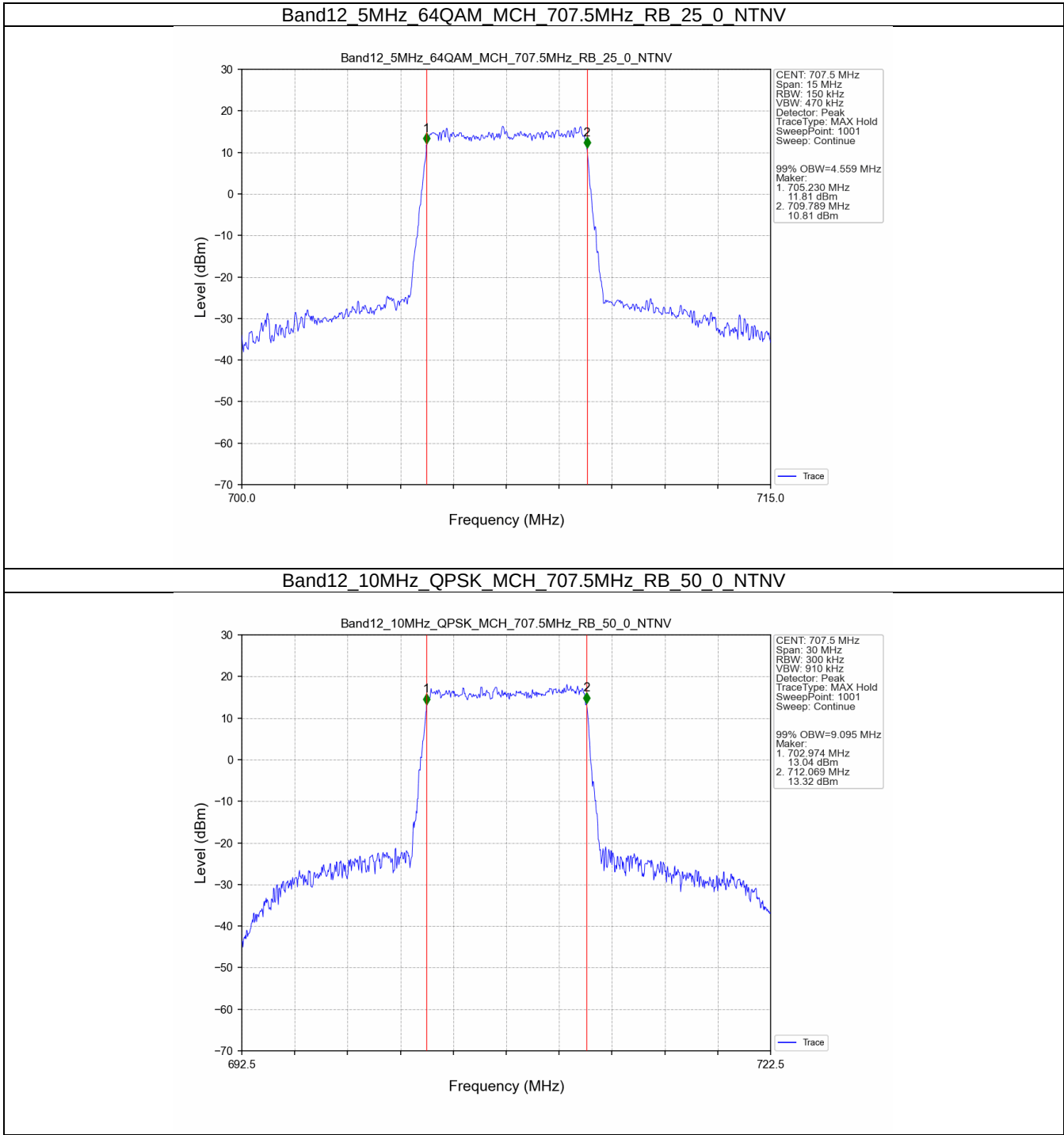


Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

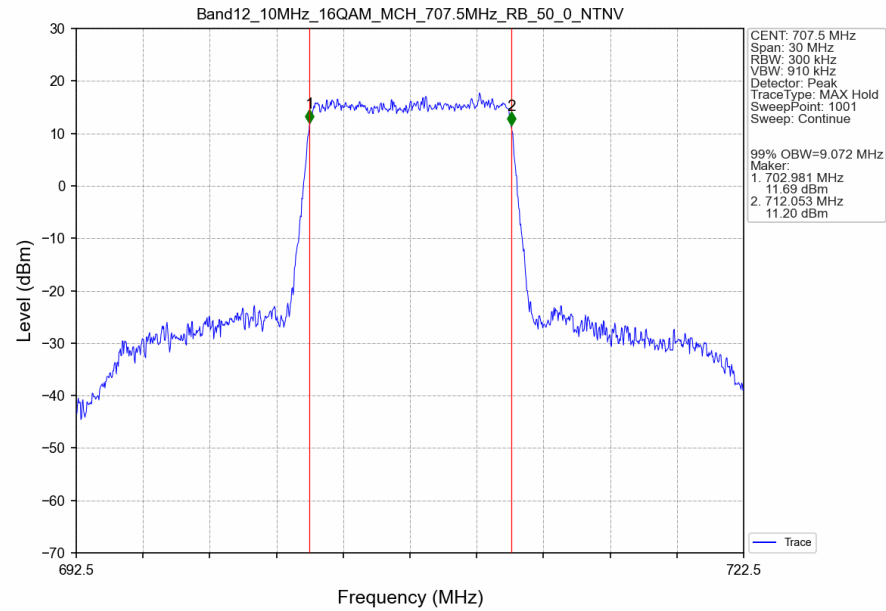


Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV

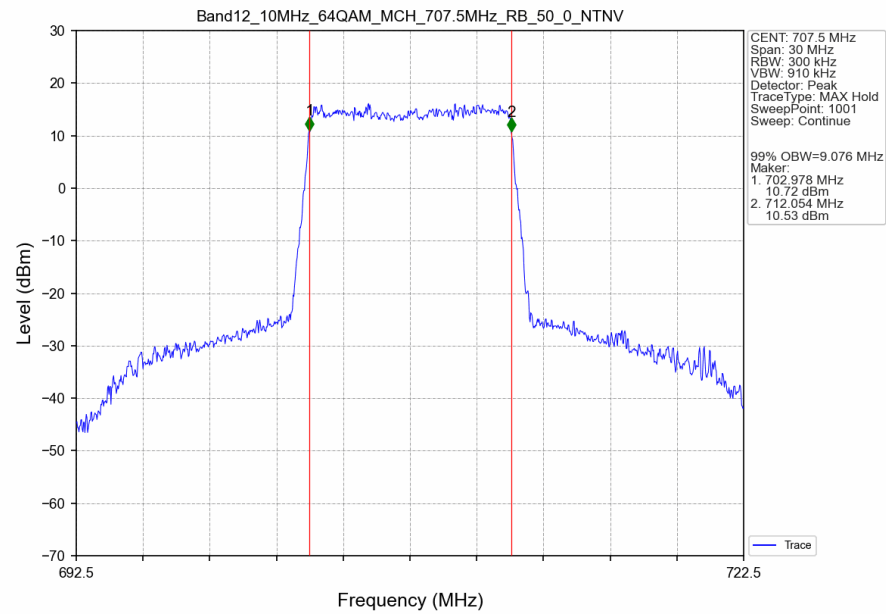




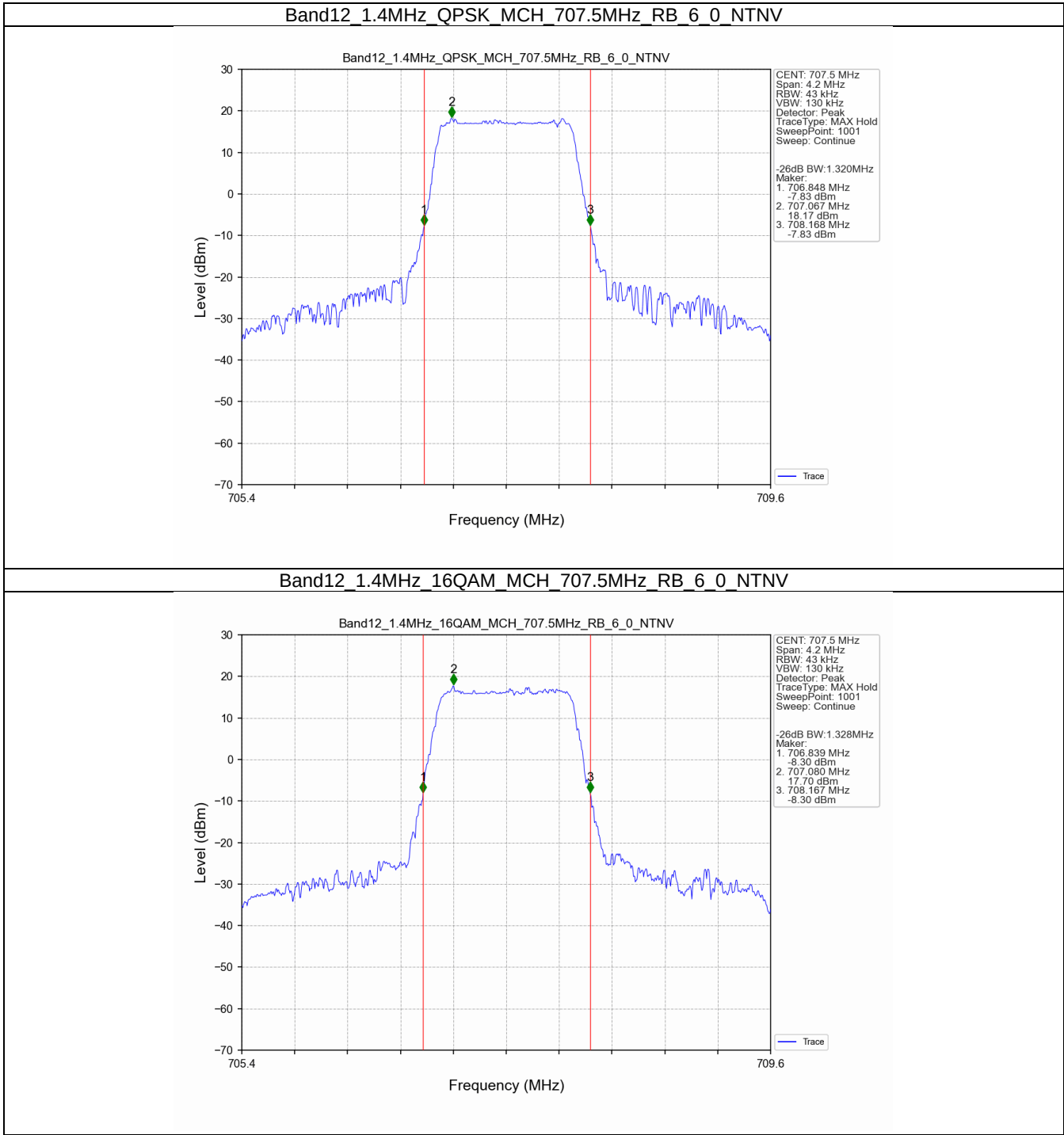
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



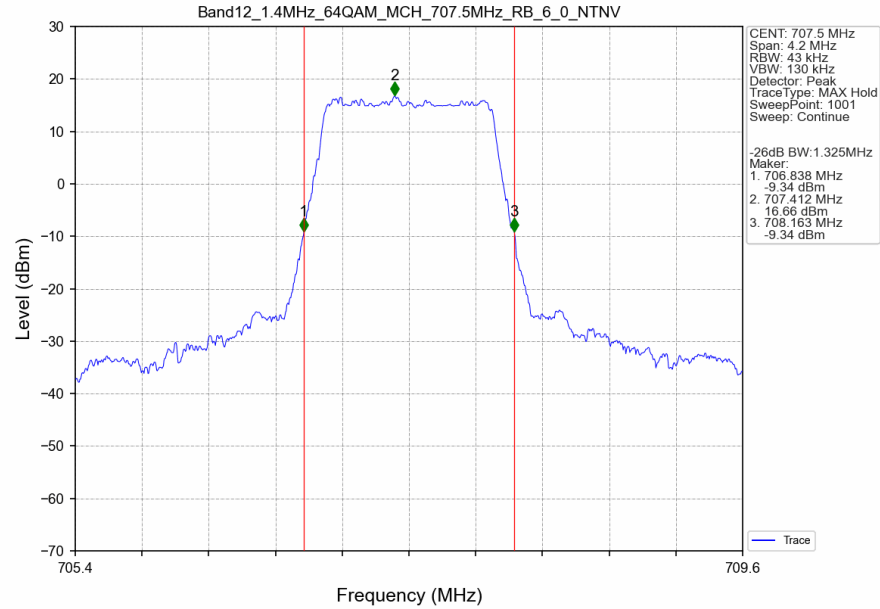
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



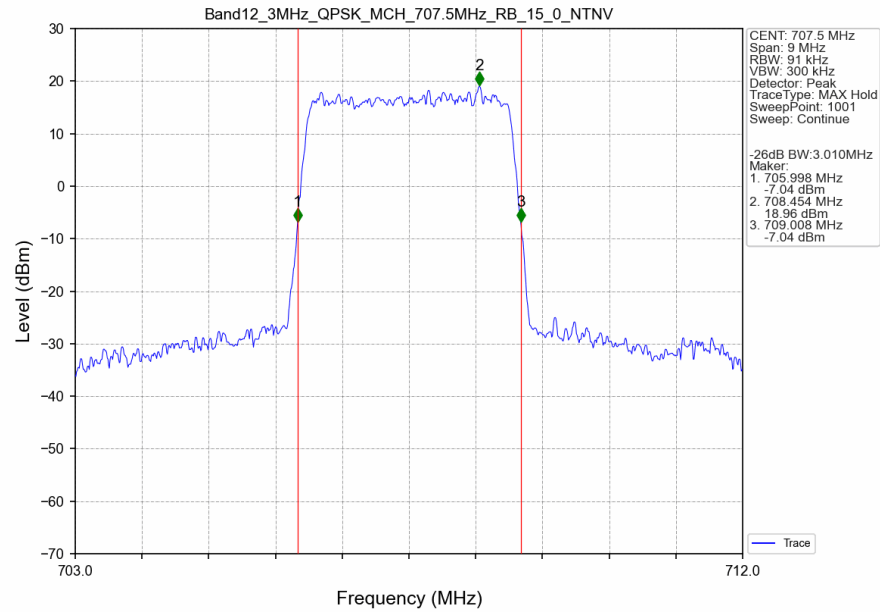
3.2.2 Band12_XDB



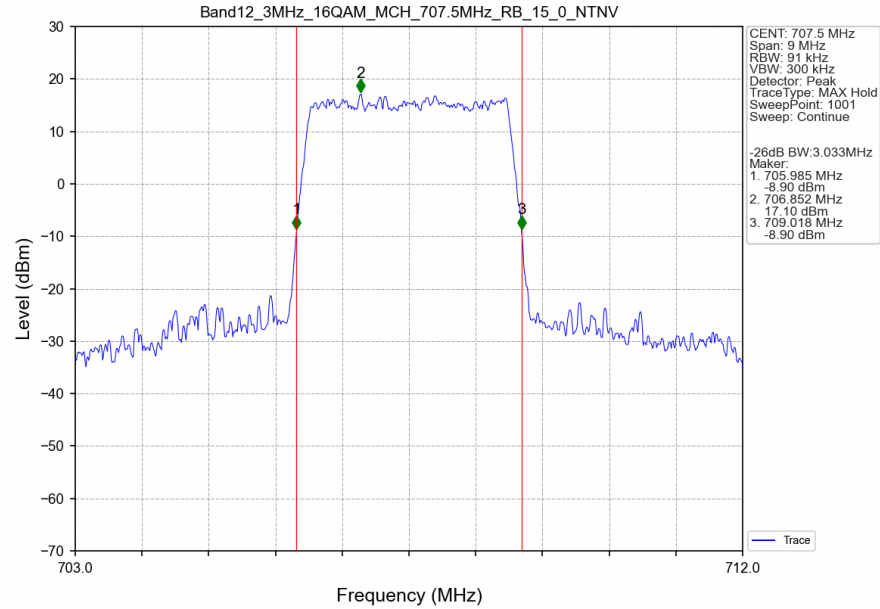
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



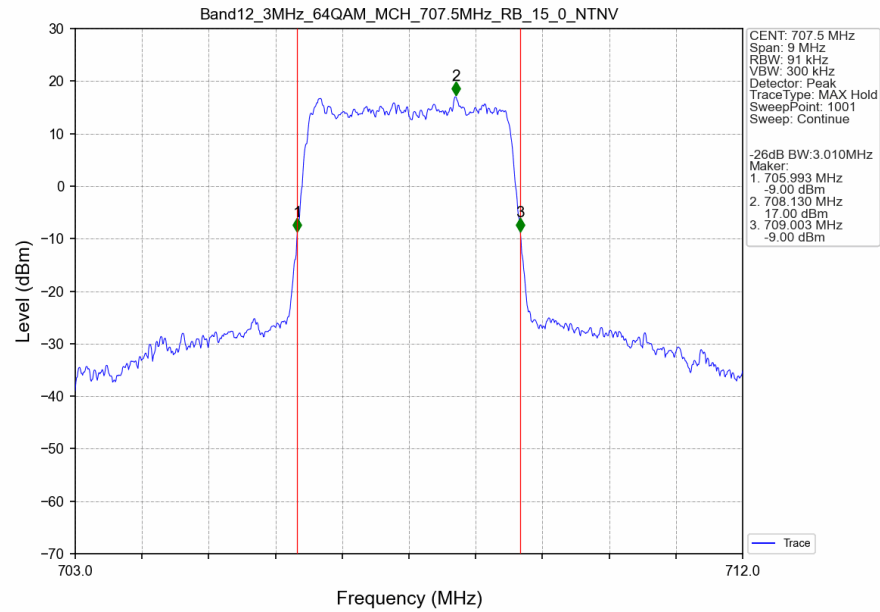
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



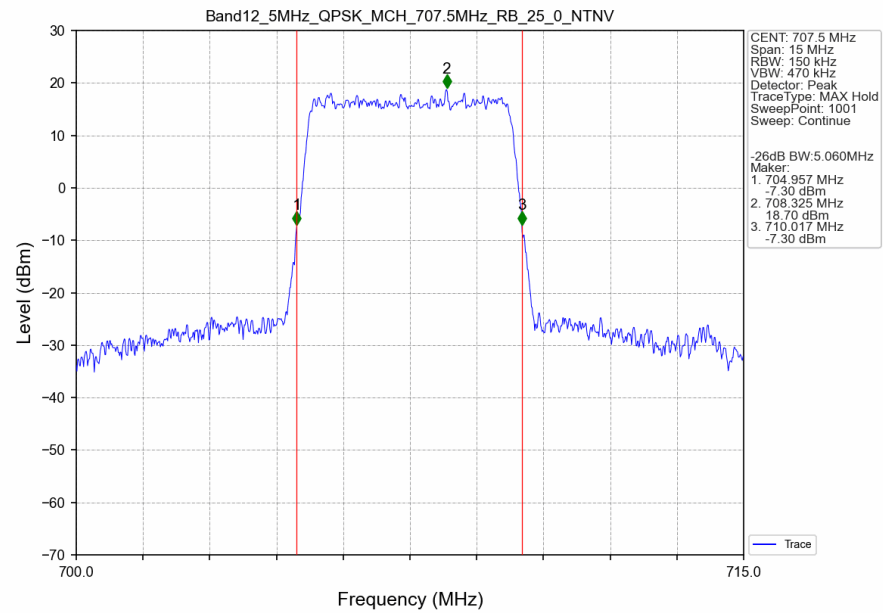
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



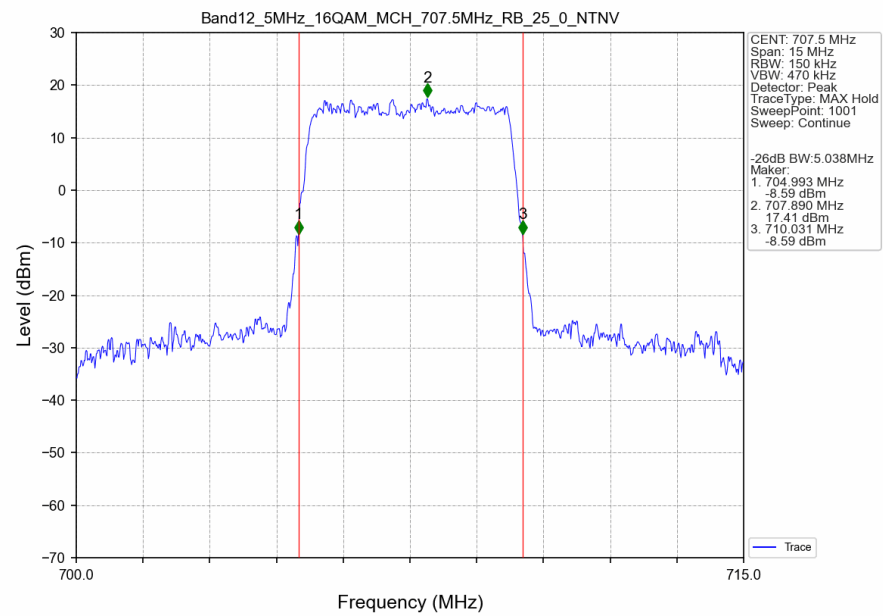
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV

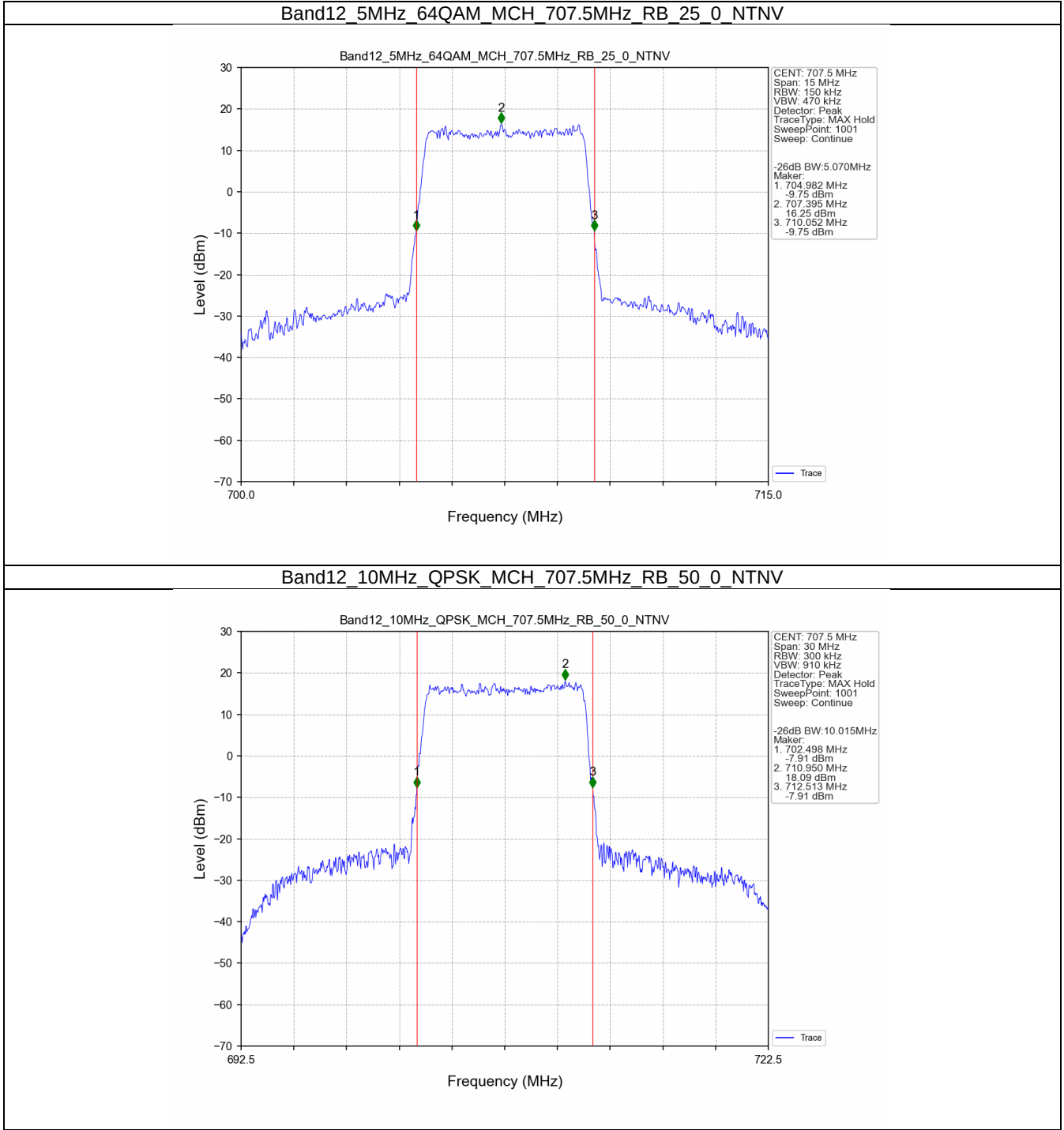


Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

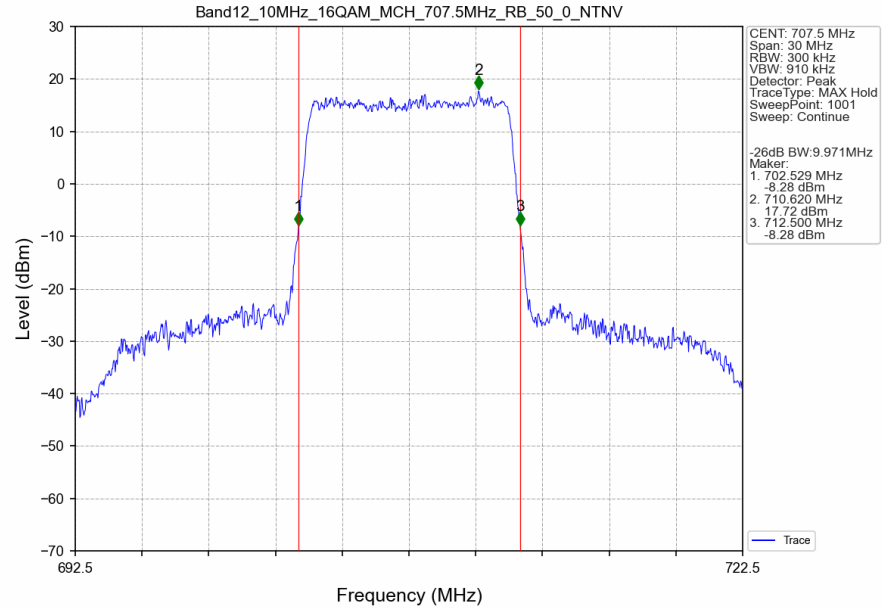


Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV

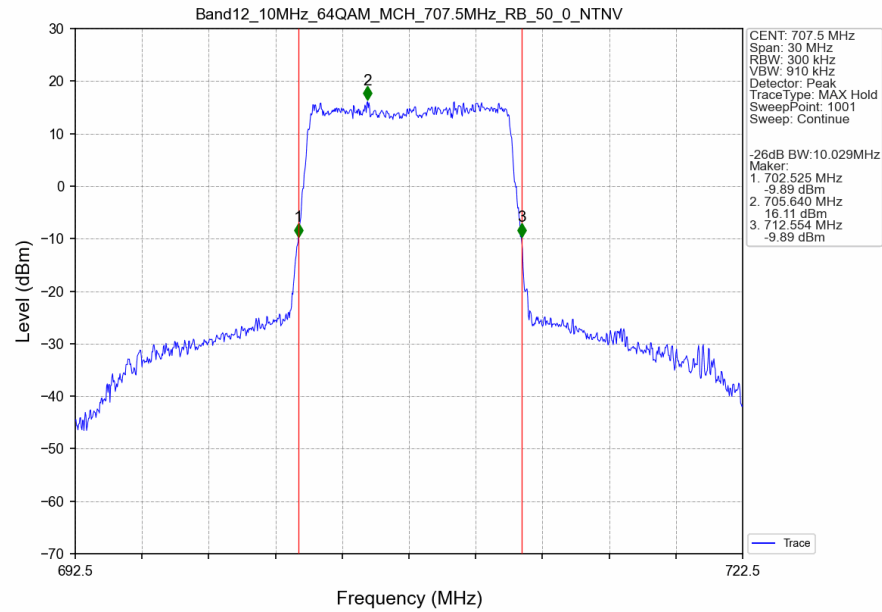




Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

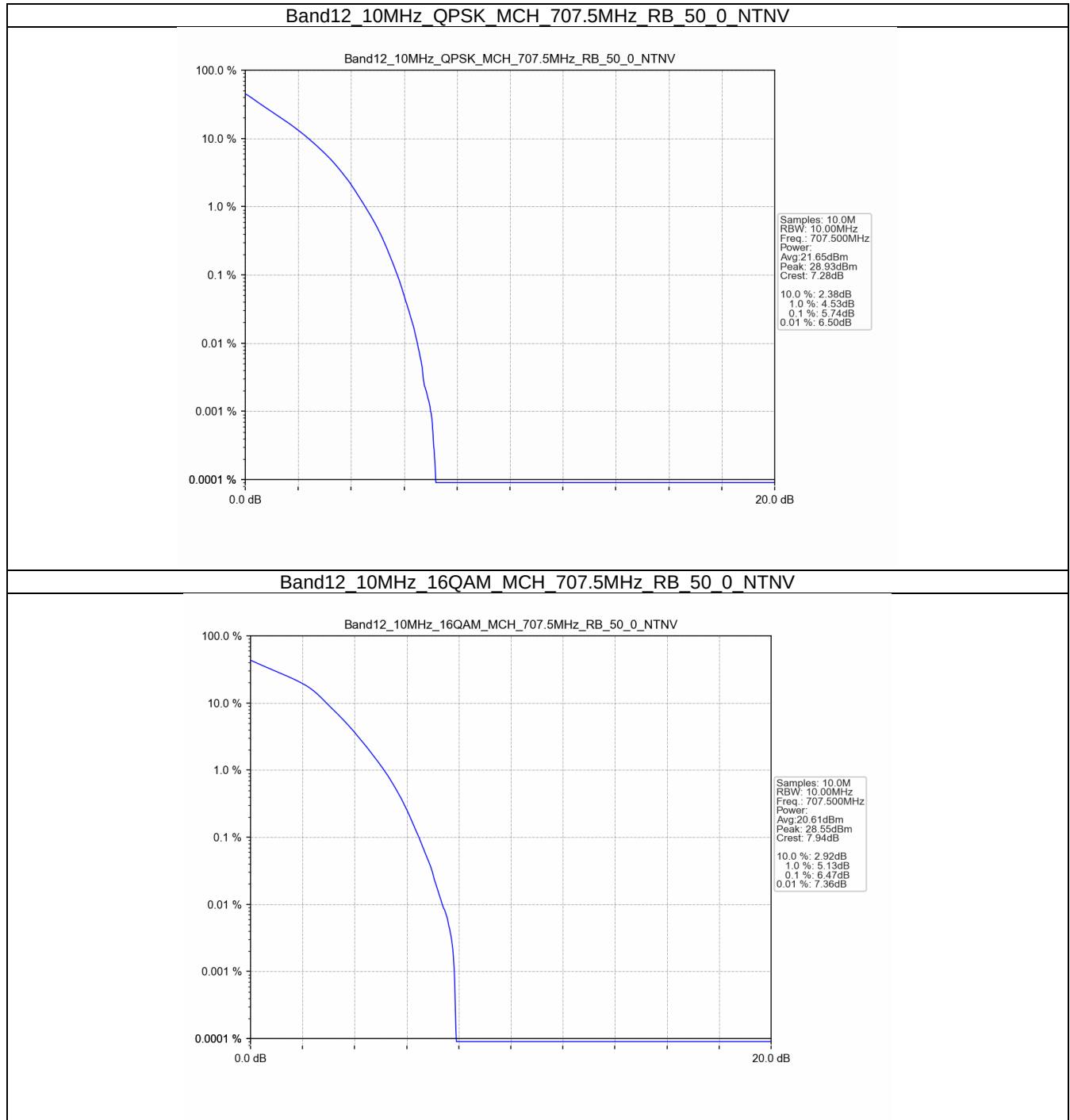
4.1 Test Result

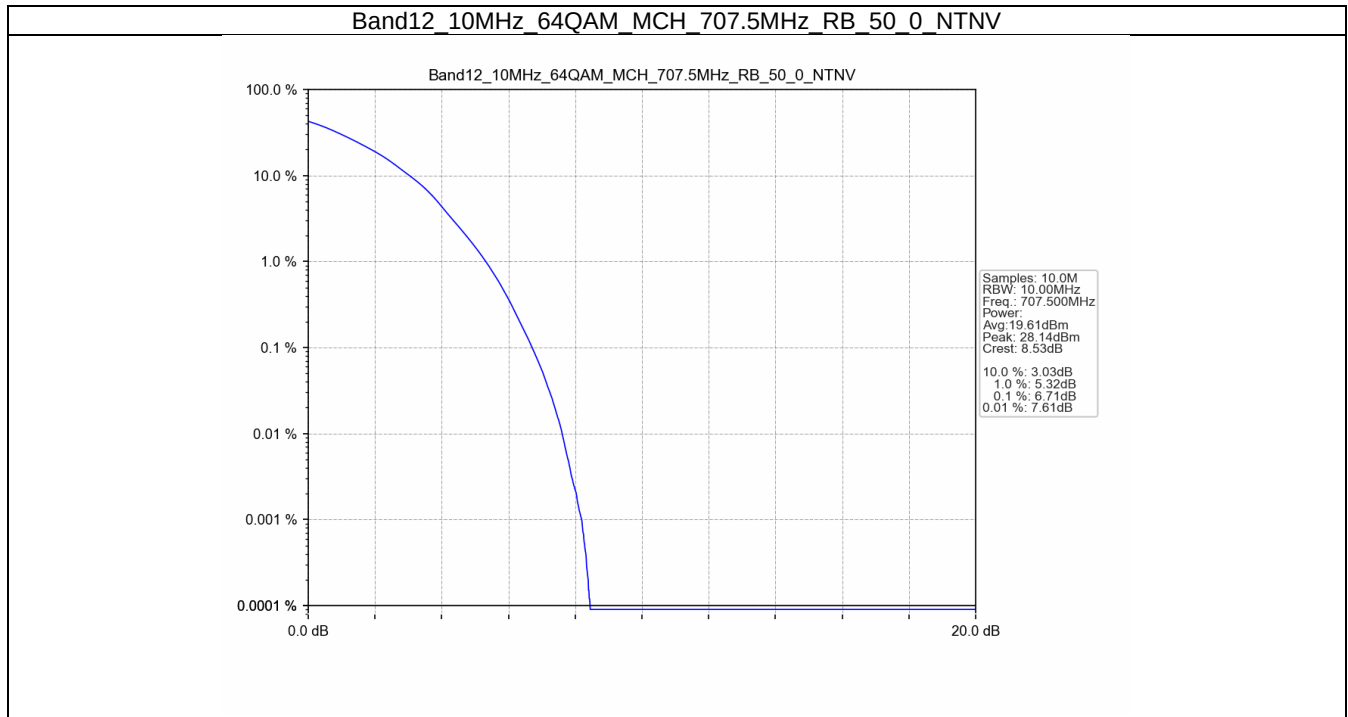
4.1.1 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	5.74	<=13	Pass
16QAM	707.5	50	0	6.47	<=13	Pass
64QAM	707.5	50	0	6.71	<=13	Pass

4.2 Test Graph

4.2.1 B12_10MHz





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	
	5			Refer To Test Graph		Pass
	6		0	Refer To Test Graph		Pass

5.1.2 B12_3MHz

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	
			14	Refer To Test Graph		Pass
	15		0	Refer To Test Graph		Pass

5.1.3 B12_5MHz

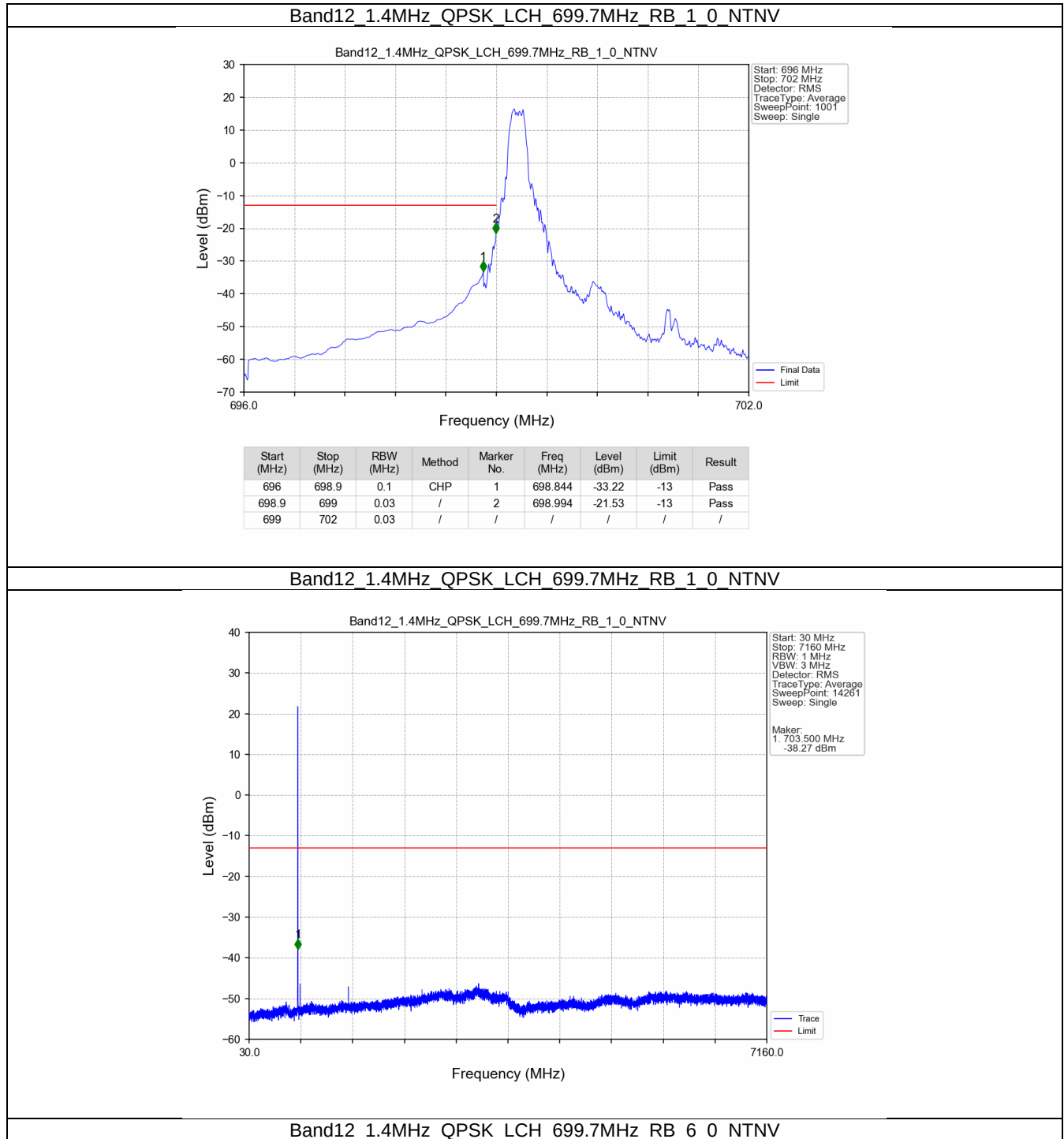
Band: 12 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

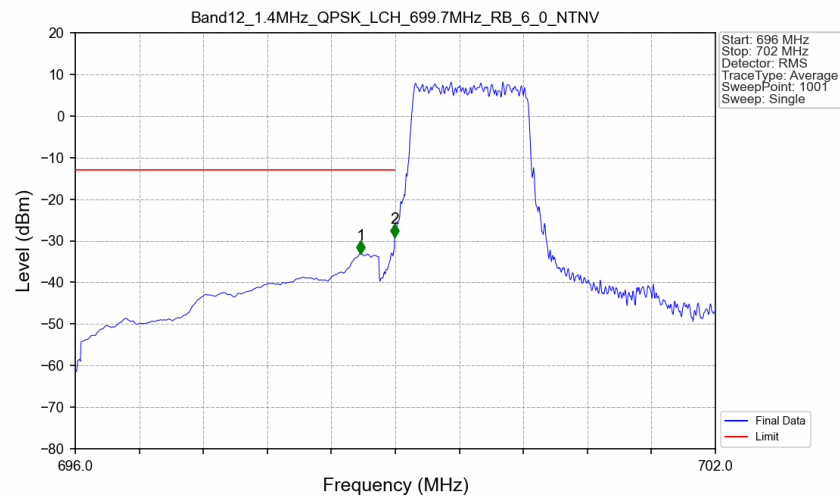
5.1.4 B12_10MHz

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

5.2 Test Graph

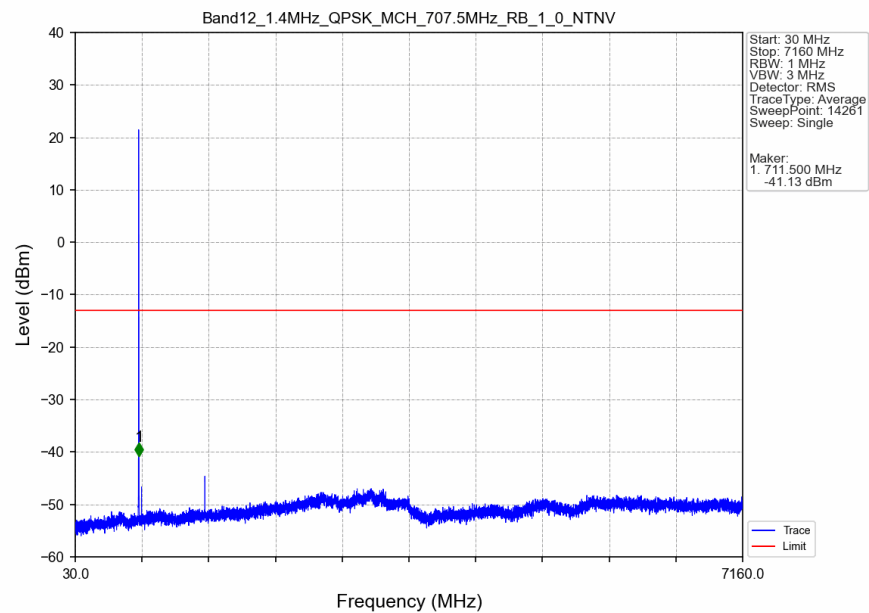
5.2.1 B12_1.4MHz



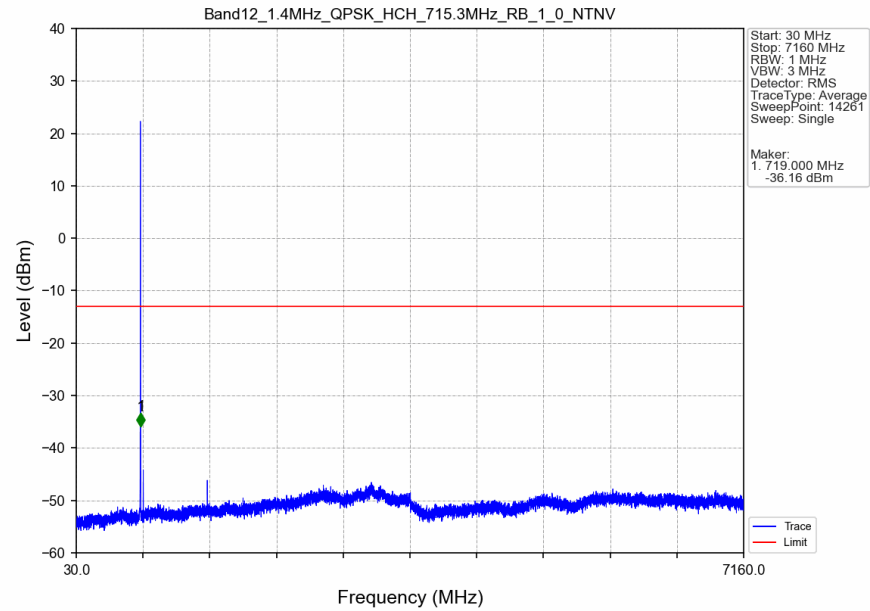


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.676	-33.10	-13	Pass
698.9	699	0.03	/	2	698.994	-29.14	-13	Pass
699	702	0.03	/	/	/	/	/	/

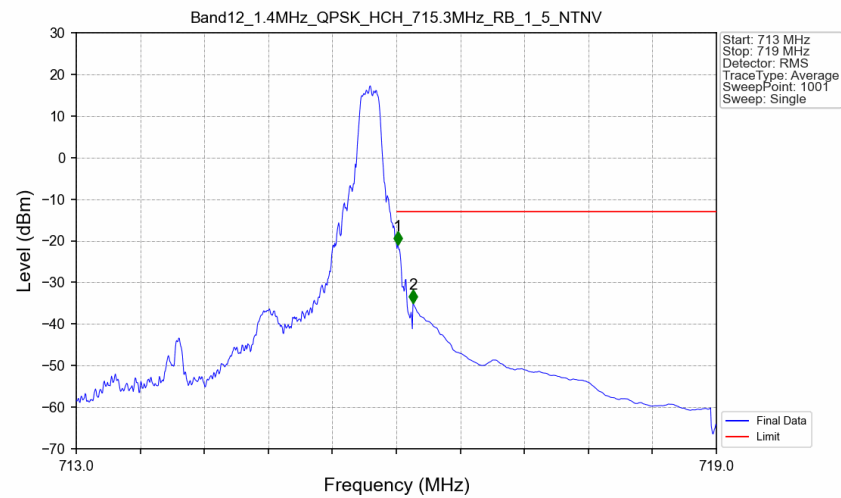
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

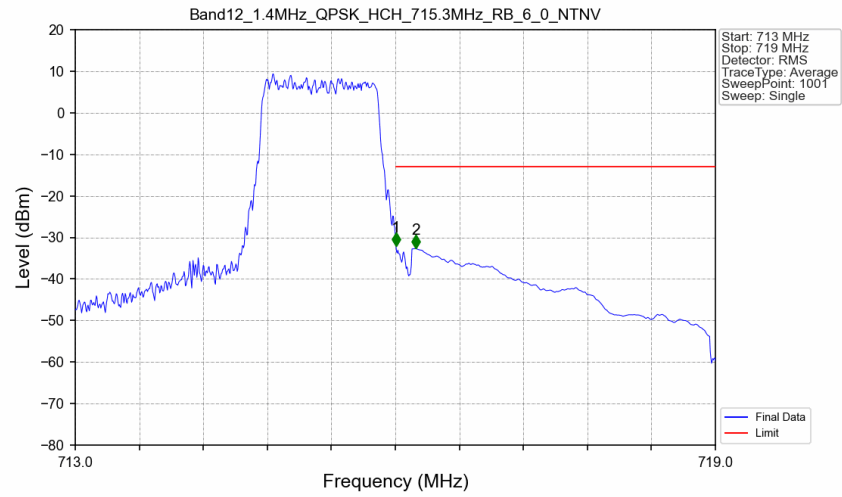


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



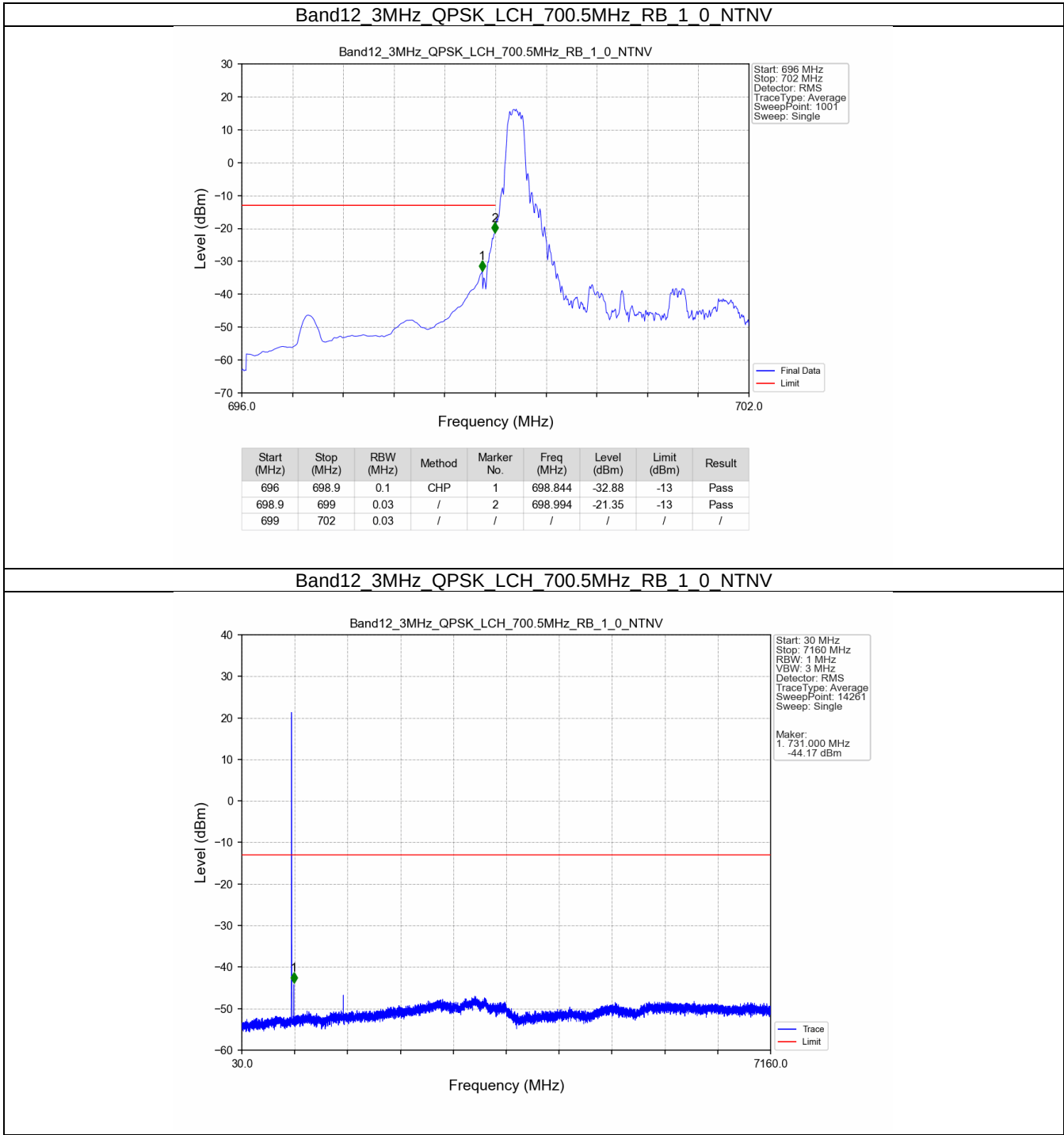
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-20.98	-13	Pass
716.1	719	0.1	CHP	2	716.156	-34.99	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

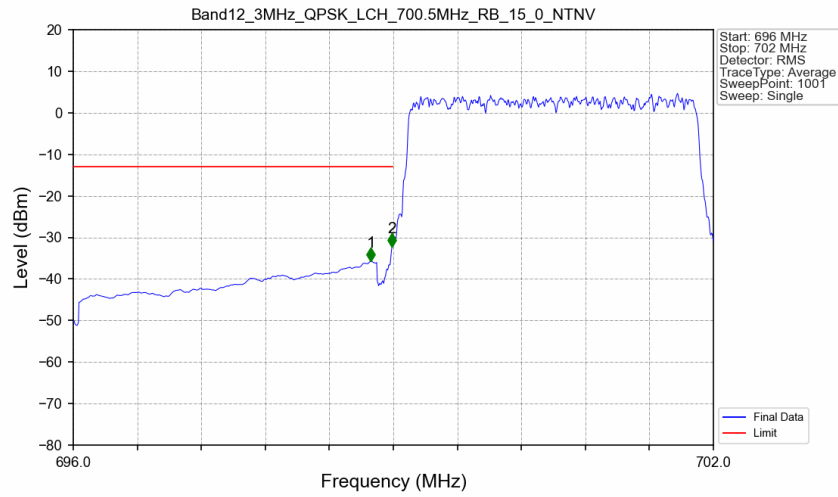


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-32.11	-13	Pass
716.1	719	0.1	CHP	2	716.192	-32.64	-13	Pass

5.2.2 B12_3MHz

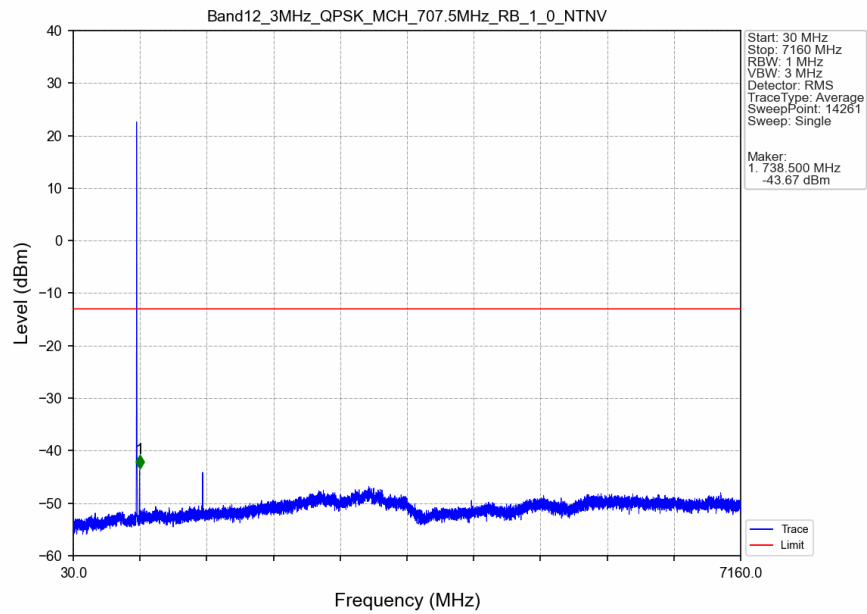


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

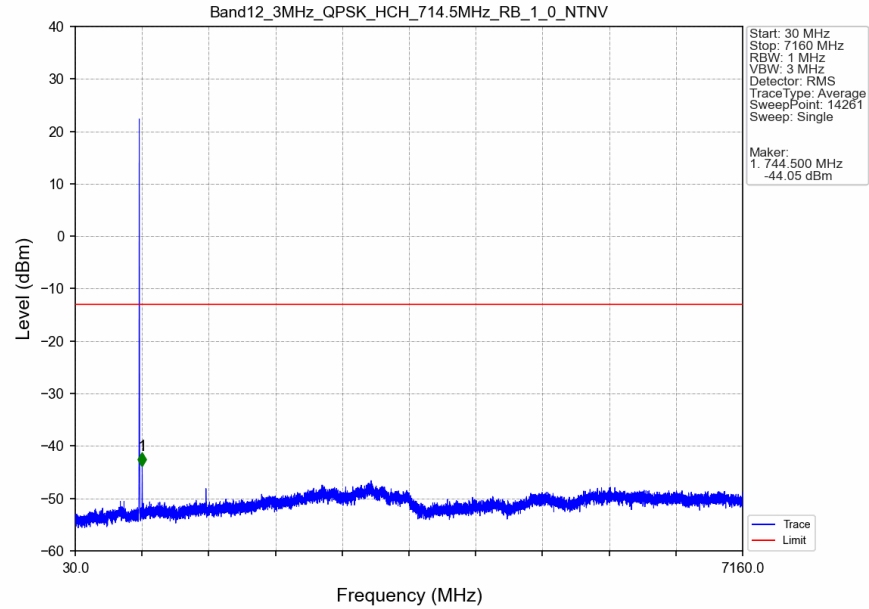


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.790	-35.75	-13	Pass
698.9	699	0.03	/	2	698.988	-32.23	-13	Pass
699	702	0.03	/	/	/	/	/	/

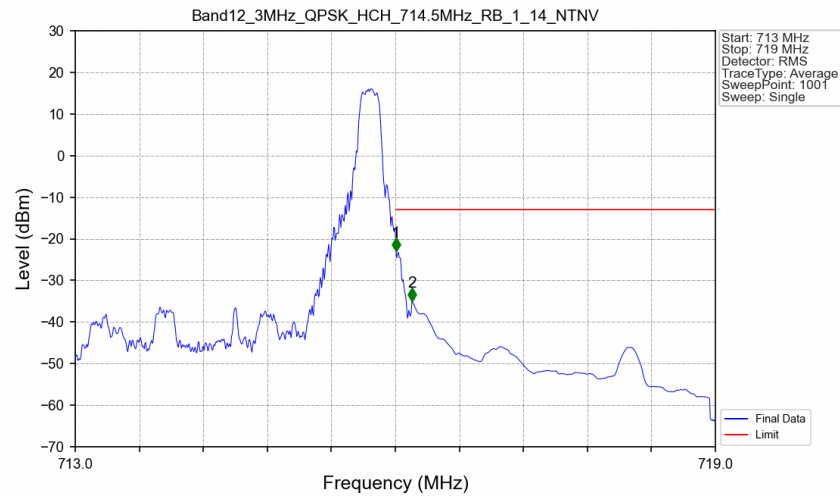
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

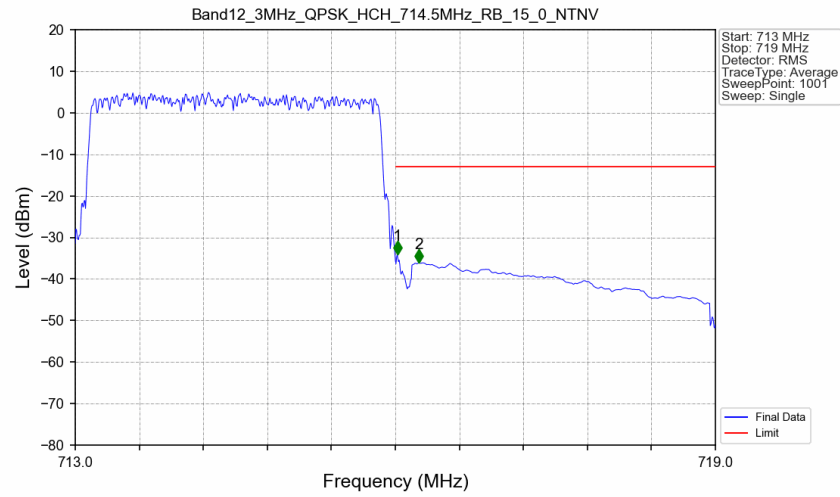


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-22.88	-13	Pass
716.1	719	0.1	CHP	2	716.156	-34.98	-13	Pass

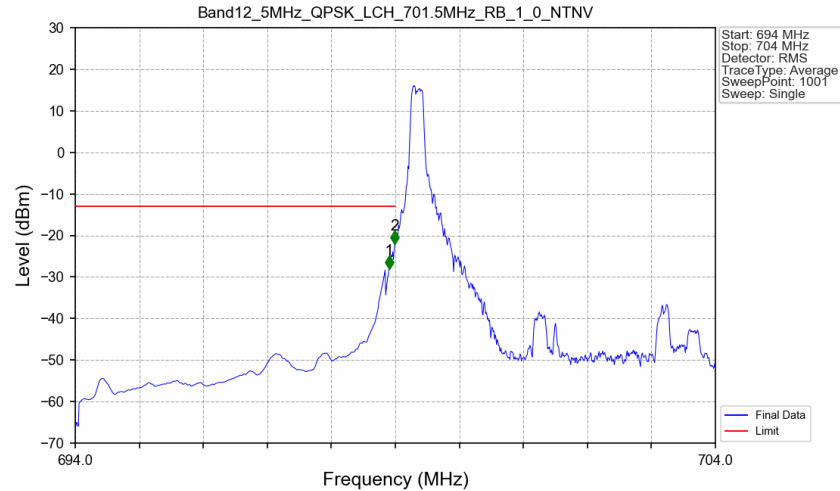
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-34.00	-13	Pass
716.1	719	0.1	CHP	2	716.222	-36.12	-13	Pass

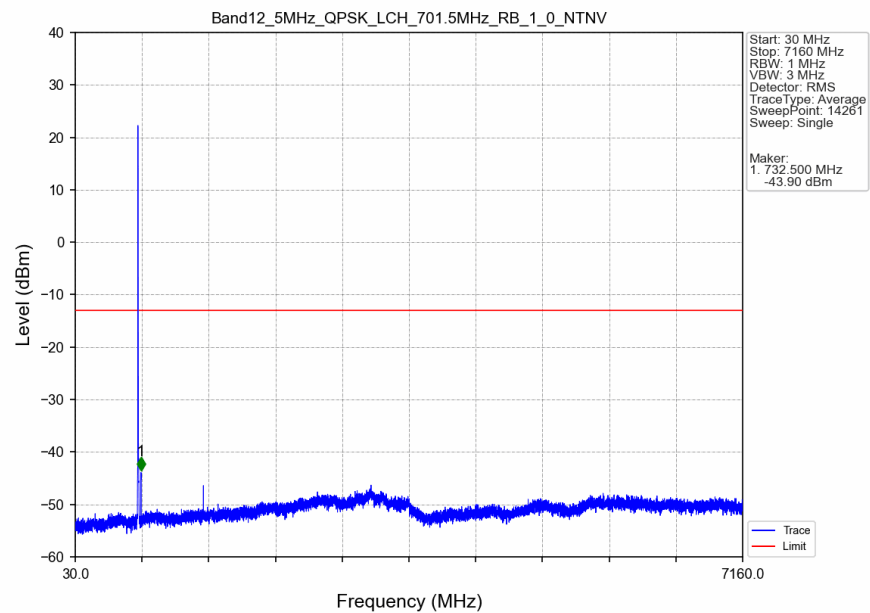
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

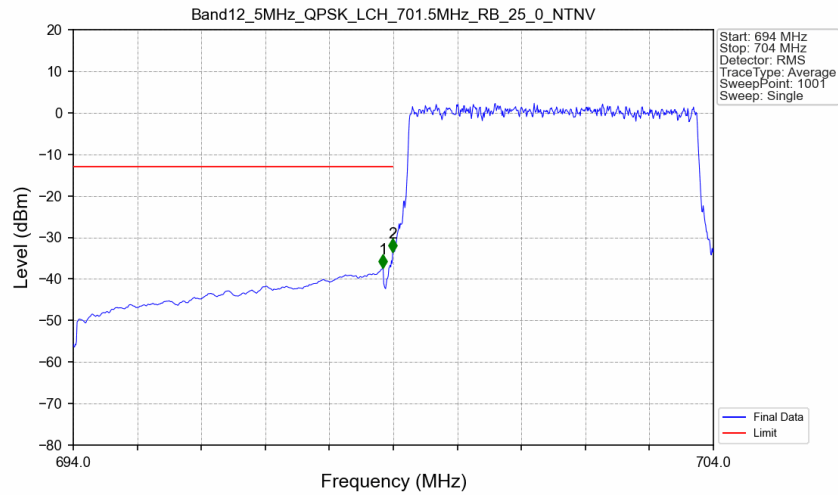


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.900	-28.09	-13	Pass
698.9	699	0.03	/	2	698.990	-22.02	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

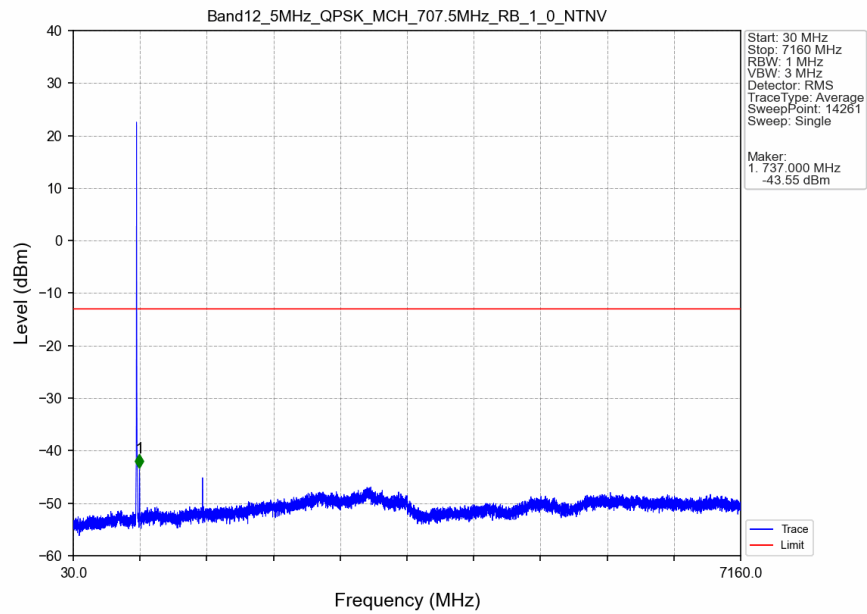


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

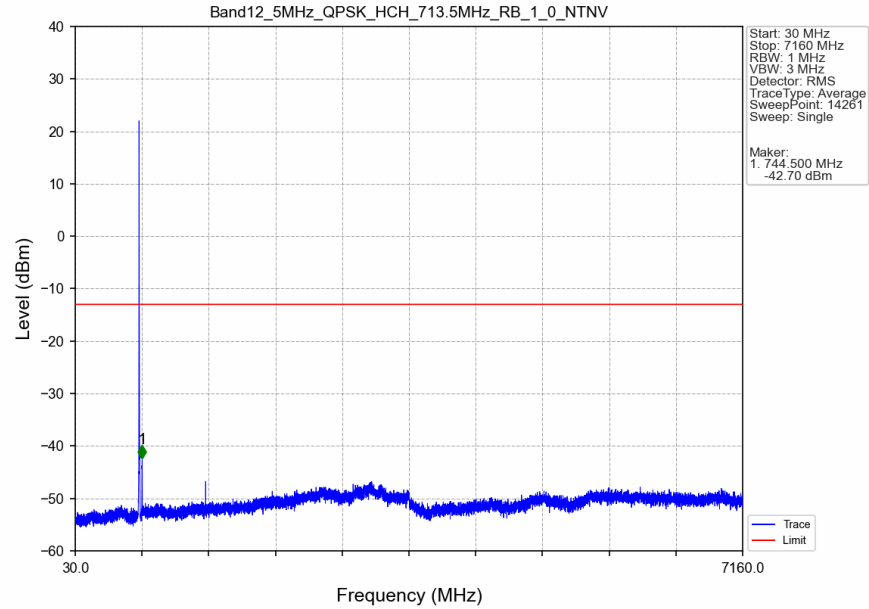


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-37.36	-13	Pass
698.9	699	0.03	/	2	698.990	-33.57	-13	Pass
699	704	0.03	/	/	/	/	/	/

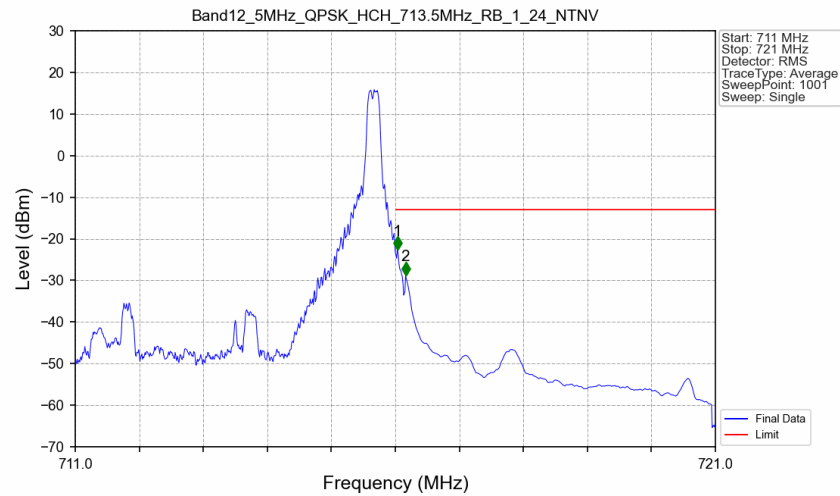
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



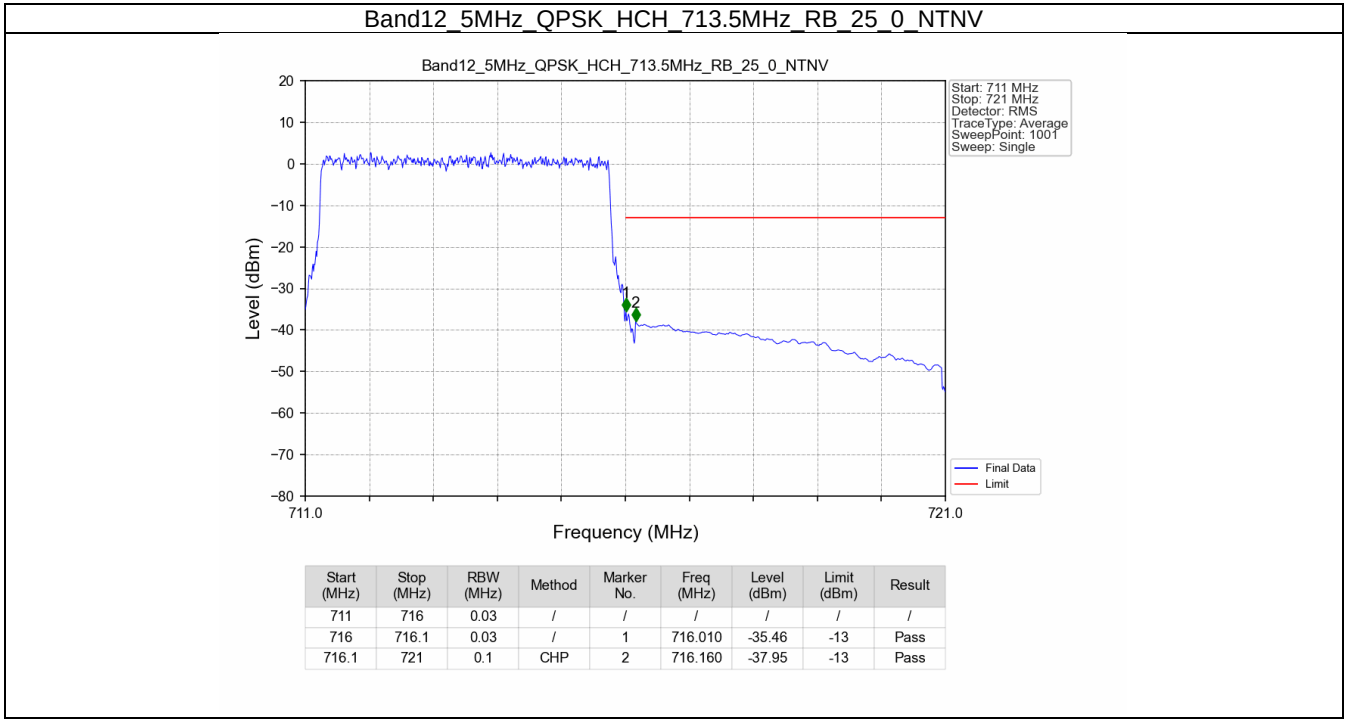
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



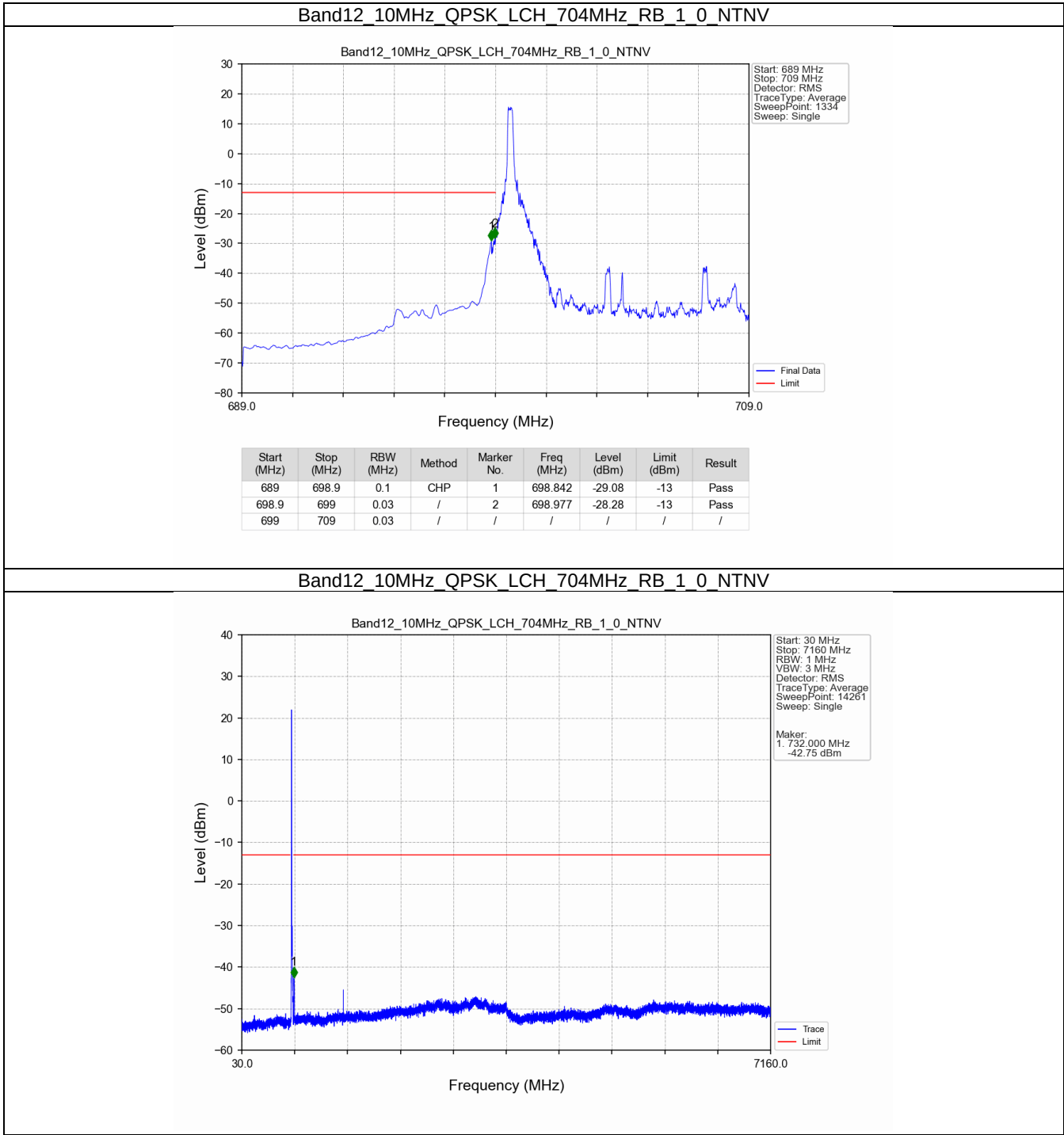
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



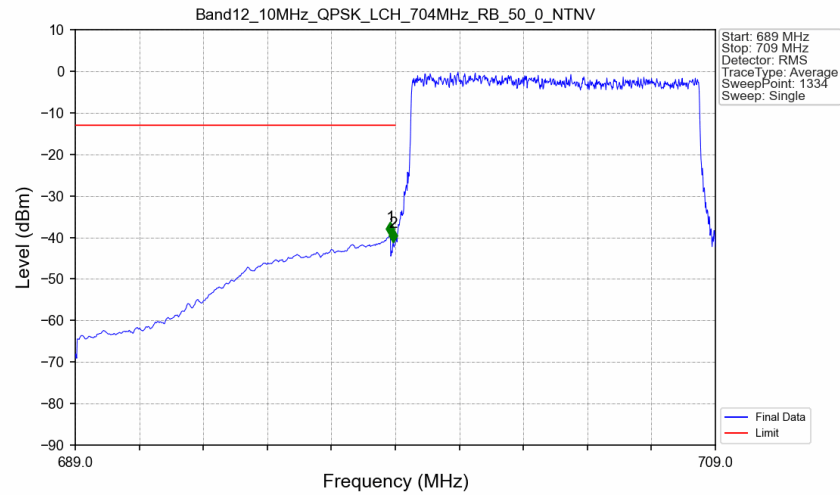
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-22.52	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.69	-13	Pass



5.2.4 B12_10MHz

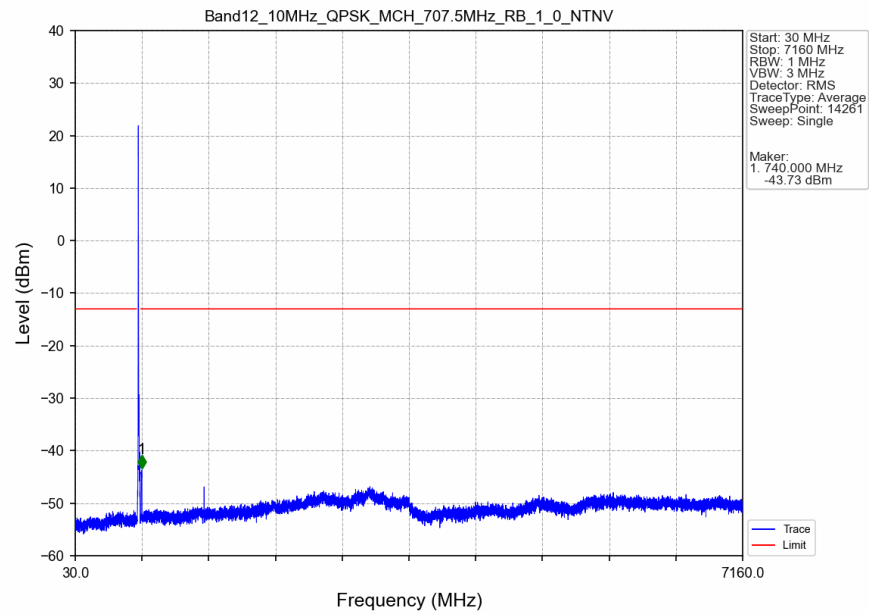


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

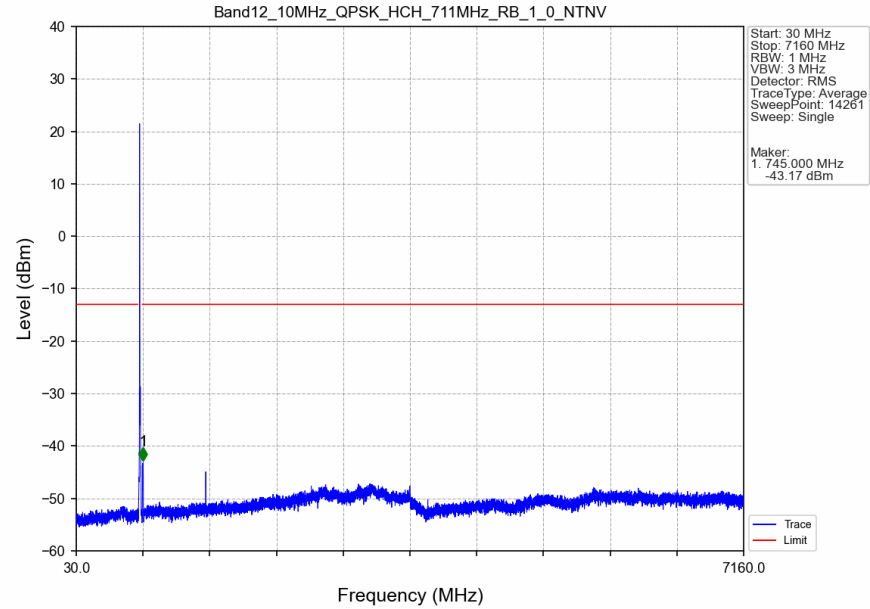


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-39.41	-13	Pass
698.9	699	0.03	/	2	698.932	-41.04	-13	Pass
699	709	0.03	/	/	/	/	/	/

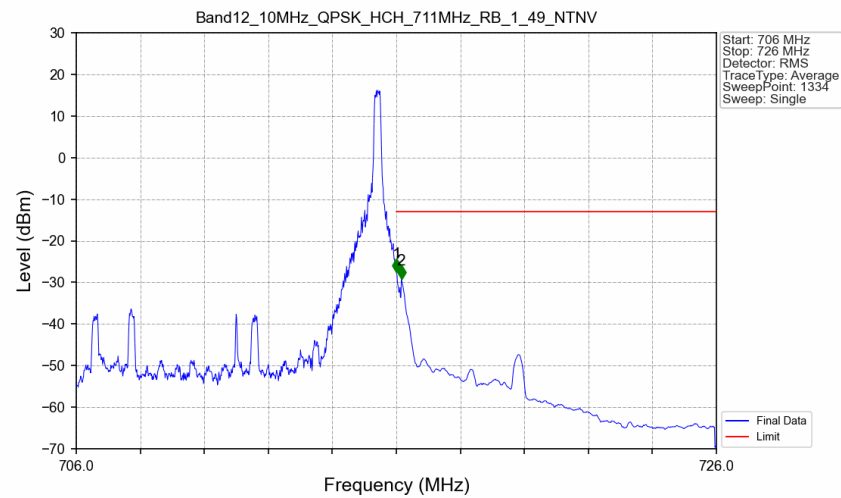
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-27.56	-13	Pass
716.1	726	0.1	CHP	2	716.158	-29.14	-13	Pass

