1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	24.00	-7.40	14.45	<=34.77	Pass
			2	23.69	-7.40	14.14	<=34.77	Pass
			5	23.95	-7.40	14.40	<=34.77	Pass
		3	0	24.21	-7.40	14.66	<=34.77	Pass
			2	23.95	-7.40	14.40	<=34.77	Pass
			3	24.03	-7.40	14.48	<=34.77	Pass
		6	0	22.95	-7.40	13.40	<=34.77	Pass
	707.5	1	0	24.07	-7.40	14.52	<=34.77	Pass
			2	24.12	-7.40	14.57	<=34.77	Pass
			5	24.27	-7.40	14.72	<=34.77	Pass
		3	0	24.04	-7.40	14.49	<=34.77	Pass
			2	24.11	-7.40	14.56	<=34.77	Pass
			3	23.97	-7.40	14.42	<=34.77	Pass
		6	0	23.01	-7.40	13.46	<=34.77	Pass
	715.3	1	0	23.91	-7.40	14.36	<=34.77	Pass
			2	24.09	-7.40	14.54	<=34.77	Pass
			5	23.91	-7.40	14.36	<=34.77	Pass
		3	0	23.83	-7.40	14.28	<=34.77	Pass
			2	24.00	-7.40	14.45	<=34.77	Pass
			3	23.95	-7.40	14.40	<=34.77	Pass
		6	0	22.94	-7.40	13.39	<=34.77	Pass
16QAM	699.7	1	0	22.95	-7.40	13.40	<=34.77	Pass
			2	23.39	-7.40	13.84	<=34.77	Pass
			5	23.30	-7.40	13.75	<=34.77	Pass
		3	0	22.95	-7.40	13.40	<=34.77	Pass
			2	23.02	-7.40	13.47	<=34.77	Pass
			3	23.14	-7.40	13.59	<=34.77	Pass
		6	0	22.17	-7.40	12.62	<=34.77	Pass
	707.5	1	0	23.19	-7.40	13.64	<=34.77	Pass
			2	23.00	-7.40	13.45	<=34.77	Pass
			5	23.36	-7.40	13.81	<=34.77	Pass
		3	0	23.15	-7.40	13.60	<=34.77	Pass
			2	23.05	-7.40	13.50	<=34.77	Pass
			3	23.32	-7.40	13.77	<=34.77	Pass
		6	0	22.08	-7.40	12.53	<=34.77	Pass
	715.3	1	0	23.21	-7.40	13.66	<=34.77	Pass
			2	23.44	-7.40	13.89	<=34.77	Pass
			5	23.13	-7.40	13.58	<=34.77	Pass
		3	0	23.14	-7.40	13.59	<=34.77	Pass
			2	22.88	-7.40	13.33	<=34.77	Pass
			3	23.11	-7.40	13.56	<=34.77	Pass
		6	0	22.10	-7.40	12.55	<=34.77	Pass
64QAM	699.7	1	0	22.94	-7.40	13.39	<=34.77	Pass
			2	22.99	-7.40	13.44	<=34.77	Pass
			5	22.62	-7.40	13.07	<=34.77	Pass
		3	0	23.05	-7.40	13.50	<=34.77	Pass
			2	22.76	-7.40	13.21	<=34.77	Pass
			3	23.16	-7.40	13.61	<=34.77	Pass
		6	0	22.06	-7.40	12.51	<=34.77	Pass

	707.5	1	0	22.74	-7.40	13.19	<=34.77	Pass
			2	23.20	-7.40	13.65	<=34.77	Pass
			5	22.82	-7.40	13.27	<=34.77	Pass
		3	0	22.97	-7.40	13.42	<=34.77	Pass
			2	22.99	-7.40	13.44	<=34.77	Pass
			3	23.21	-7.40	13.66	<=34.77	Pass
		6	0	21.77	-7.40	12.22	<=34.77	Pass
	715.3	1	0	22.93	-7.40	13.38	<=34.77	Pass
			2	22.85	-7.40	13.30	<=34.77	Pass
			5	22.92	-7.40	13.37	<=34.77	Pass
		3	0	22.68	-7.40	13.13	<=34.77	Pass
			2	22.96	-7.40	13.41	<=34.77	Pass
			3	23.02	-7.40	13.47	<=34.77	Pass
		6	0	21.94	-7.40	12.39	<=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	24.05	-7.40	14.50	<=34.77	Pass
			7	24.06	-7.40	14.51	<=34.77	Pass
			14	24.03	-7.40	14.48	<=34.77	Pass
		8	0	23.16	-7.40	13.61	<=34.77	Pass
			4	23.19	-7.40	13.64	<=34.77	Pass
			7	23.09	-7.40	13.54	<=34.77	Pass
		15	0	23.12	-7.40	13.57	<=34.77	Pass
	707.5	1	0	24.14	-7.40	14.59	<=34.77	Pass
			7	24.11	-7.40	14.56	<=34.77	Pass
			14	24.01	-7.40	14.46	<=34.77	Pass
		8	0	23.07	-7.40	13.52	<=34.77	Pass
			4	23.08	-7.40	13.53	<=34.77	Pass
			7	23.15	-7.40	13.60	<=34.77	Pass
		15	0	23.08	-7.40	13.53	<=34.77	Pass
	714.5	1	0	24.04	-7.40	14.49	<=34.77	Pass
			7	24.32	-7.40	14.77	<=34.77	Pass
			14	23.95	-7.40	14.40	<=34.77	Pass
		8	0	23.09	-7.40	13.54	<=34.77	Pass
			4	23.07	-7.40	13.52	<=34.77	Pass
			7	22.98	-7.40	13.43	<=34.77	Pass
		15	0	23.07	-7.40	13.52	<=34.77	Pass
16QAM	700.5	1	0	23.19	-7.40	13.64	<=34.77	Pass
			7	23.35	-7.40	13.80	<=34.77	Pass
			14	23.36	-7.40	13.81	<=34.77	Pass
		8	0	22.25	-7.40	12.70	<=34.77	Pass
			4	22.35	-7.40	12.80	<=34.77	Pass
			7	22.24	-7.40	12.69	<=34.77	Pass
		15	0	22.16	-7.40	12.61	<=34.77	Pass
	707.5	1	0	23.44	-7.40	13.89	<=34.77	Pass
			7	23.75	-7.40	14.20	<=34.77	Pass
			14	22.91	-7.40	13.36	<=34.77	Pass
		8	0	22.14	-7.40	12.59	<=34.77	Pass
			4	22.21	-7.40	12.66	<=34.77	Pass
			7	22.17	-7.40	12.62	<=34.77	Pass
		15	0	22.04	-7.40	12.49	<=34.77	Pass
	714.5	1	0	23.12	-7.40	13.57	<=34.77	Pass

			7	23.35	-7.40	13.80	<=34.77	Pass
			14	22.84	-7.40	13.29	<=34.77	Pass
		8	0	22.15	-7.40	12.60	<=34.77	Pass
			4	22.07	-7.40	12.52	<=34.77	Pass
			7	22.20	-7.40	12.65	<=34.77	Pass
		15	0	22.03	-7.40	12.48	<=34.77	Pass
64QAM	700.5	1	0	23.25	-7.40	13.70	<=34.77	Pass
			7	23.11	-7.40	13.56	<=34.77	Pass
			14	22.87	-7.40	13.32	<=34.77	Pass
		8	0	22.21	-7.40	12.66	<=34.77	Pass
			4	22.22	-7.40	12.67	<=34.77	Pass
			7	22.16	-7.40	12.61	<=34.77	Pass
		15	0	22.11	-7.40	12.56	<=34.77	Pass
	707.5	1	0	23.12	-7.40	13.57	<=34.77	Pass
			7	23.14	-7.40	13.59	<=34.77	Pass
			14	22.96	-7.40	13.41	<=34.77	Pass
		8	0	22.09	-7.40	12.54	<=34.77	Pass
			4	22.15	-7.40	12.60	<=34.77	Pass
			7	22.13	-7.40	12.58	<=34.77	Pass
		15	0	22.05	-7.40	12.50	<=34.77	Pass
	714.5	1	0	22.70	-7.40	13.15	<=34.77	Pass
			7	23.18	-7.40	13.63	<=34.77	Pass
			14	22.70	-7.40	13.15	<=34.77	Pass
		8	0	21.99	-7.40	12.44	<=34.77	Pass
			4	22.10	-7.40	12.55	<=34.77	Pass
			7	21.99	-7.40	12.44	<=34.77	Pass
		15	0	22.09	-7.40	12.54	<=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	24.18	-7.40	14.63	<=34.77	Pass
			13	24.19	-7.40	14.64	<=34.77	Pass
			24	24.10	-7.40	14.55	<=34.77	Pass
		12	0	23.16	-7.40	13.61	<=34.77	Pass
			6	23.23	-7.40	13.68	<=34.77	Pass
			13	23.13	-7.40	13.58	<=34.77	Pass
		25	0	23.10	-7.40	13.55	<=34.77	Pass
	707.5	1	0	24.07	-7.40	14.52	<=34.77	Pass
			13	24.25	-7.40	14.70	<=34.77	Pass
			24	24.14	-7.40	14.59	<=34.77	Pass
		12	0	23.14	-7.40	13.59	<=34.77	Pass
			6	23.13	-7.40	13.58	<=34.77	Pass
			13	23.11	-7.40	13.56	<=34.77	Pass
		25	0	23.07	-7.40	13.52	<=34.77	Pass
	713.5	1	0	24.06	-7.40	14.51	<=34.77	Pass
			13	24.26	-7.40	14.71	<=34.77	Pass
			24	23.91	-7.40	14.36	<=34.77	Pass
		12	0	23.10	-7.40	13.55	<=34.77	Pass
			6	23.07	-7.40	13.52	<=34.77	Pass
			13	22.98	-7.40	13.43	<=34.77	Pass
		25	0	23.06	-7.40	13.51	<=34.77	Pass
16QAM	701.5	1	0	23.15	-7.40	13.60	<=34.77	Pass
			13	23.49	-7.40	13.94	<=34.77	Pass

			24	22.09	-7.40	12.54	<=34.77	Pass
		12	0	22.06	-7.40	12.51	<=34.77	Pass
			6	22.20	-7.40	12.65	<=34.77	Pass
			13	22.24	-7.40	12.69	<=34.77	Pass
		25	0	22.07	-7.40	12.52	<=34.77	Pass
	707.5	1	0	23.18	-7.40	13.63	<=34.77	Pass
			13	23.07	-7.40	13.52	<=34.77	Pass
			24	23.11	-7.40	13.56	<=34.77	Pass
		12	0	22.21	-7.40	12.66	<=34.77	Pass
			6	22.20	-7.40	12.65	<=34.77	Pass
			13	22.19	-7.40	12.64	<=34.77	Pass
		25	0	22.15	-7.40	12.60	<=34.77	Pass
	713.5	1	0	23.20	-7.40	13.65	<=34.77	Pass
			13	23.39	-7.40	13.84	<=34.77	Pass
			24	23.21	-7.40	13.66	<=34.77	Pass
		12	0	22.09	-7.40	12.54	<=34.77	Pass
			6	22.14	-7.40	12.59	<=34.77	Pass
			13	22.07	-7.40	12.52	<=34.77	Pass
		25	0	22.09	-7.40	12.54	<=34.77	Pass
64QAM	701.5	1	0	22.97	-7.40	13.42	<=34.77	Pass
			13	22.90	-7.40	13.35	<=34.77	Pass
			24	22.64	-7.40	13.09	<=34.77	Pass
		12	0	22.12	-7.40	12.57	<=34.77	Pass
			6	22.21	-7.40	12.66	<=34.77	Pass
			13	22.20	-7.40	12.65	<=34.77	Pass
		25	0	22.18	-7.40	12.63	<=34.77	Pass
	707.5	1	0	23.08	-7.40	13.53	<=34.77	Pass
			13	23.29	-7.40	13.74	<=34.77	Pass
			24	23.15	-7.40	13.60	<=34.77	Pass
		12	0	22.09	-7.40	12.54	<=34.77	Pass
			6	22.20	-7.40	12.65	<=34.77	Pass
			13	22.09	-7.40	12.54	<=34.77	Pass
		25	0	22.16	-7.40	12.61	<=34.77	Pass
	713.5	1	0	22.81	-7.40	13.26	<=34.77	Pass
			13	23.12	-7.40	13.57	<=34.77	Pass
			24	22.70	-7.40	13.15	<=34.77	Pass
		12	0	22.10	-7.40	12.55	<=34.77	Pass
			6	22.13	-7.40	12.58	<=34.77	Pass
			13	22.07	-7.40	12.52	<=34.77	Pass
		25	0	22.08	-7.40	12.53	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	24.21	-7.40	14.66	<=34.77	Pass
			25	23.90	-7.40	14.35	<=34.77	Pass
			49	24.15	-7.40	14.60	<=34.77	Pass
		25	0	23.11	-7.40	13.56	<=34.77	Pass
			13	23.16	-7.40	13.61	<=34.77	Pass
			25	23.17	-7.40	13.62	<=34.77	Pass
		50	0	23.20	-7.40	13.65	<=34.77	Pass
	707.5	1	0	24.16	-7.40	14.61	<=34.77	Pass
			25	24.18	-7.40	14.63	<=34.77	Pass
			49	23.91	-7.40	14.36	<=34.77	Pass

		25	0	23.12	-7.40	13.57	<=34.77	Pass
			13	23.14	-7.40	13.59	<=34.77	Pass
			25	23.13	-7.40	13.58	<=34.77	Pass
		50	0	23.12	-7.40	13.57	<=34.77	Pass
	711	1	0	24.08	-7.40	14.53	<=34.77	Pass
			25	24.06	-7.40	14.51	<=34.77	Pass
			49	23.91	-7.40	14.36	<=34.77	Pass
		25	0	23.09	-7.40	13.54	<=34.77	Pass
			13	23.17	-7.40	13.62	<=34.77	Pass
			25	23.03	-7.40	13.48	<=34.77	Pass
		50	0	22.99	-7.40	13.44	<=34.77	Pass
16QAM	704	1	0	23.23	-7.40	13.68	<=34.77	Pass
			25	23.07	-7.40	13.52	<=34.77	Pass
			49	23.26	-7.40	13.71	<=34.77	Pass
		25	0	22.15	-7.40	12.60	<=34.77	Pass
			13	22.20	-7.40	12.65	<=34.77	Pass
			25	22.15	-7.40	12.60	<=34.77	Pass
		50	0	22.17	-7.40	12.62	<=34.77	Pass
	707.5	1	0	23.32	-7.40	13.77	<=34.77	Pass
			25	23.04	-7.40	13.49	<=34.77	Pass
			49	23.04	-7.40	13.49	<=34.77	Pass
		25	0	22.13	-7.40	12.58	<=34.77	Pass
			13	22.11	-7.40	12.56	<=34.77	Pass
			25	22.21	-7.40	12.66	<=34.77	Pass
		50	0	22.14	-7.40	12.59	<=34.77	Pass
	711	1	0	23.22	-7.40	13.67	<=34.77	Pass
			25	23.15	-7.40	13.60	<=34.77	Pass
			49	22.93	-7.40	13.38	<=34.77	Pass
		25	0	22.16	-7.40	12.61	<=34.77	Pass
			13	22.16	-7.40	12.61	<=34.77	Pass
			25	22.09	-7.40	12.54	<=34.77	Pass
		50	0	22.10	-7.40	12.55	<=34.77	Pass
64QAM	704	1	0	23.05	-7.40	13.50	<=34.77	Pass
			25	23.29	-7.40	13.74	<=34.77	Pass
			49	23.24	-7.40	13.69	<=34.77	Pass
		25	0	22.08	-7.40	12.53	<=34.77	Pass
			13	22.23	-7.40	12.68	<=34.77	Pass
			25	22.15	-7.40	12.60	<=34.77	Pass
		50	0	22.19	-7.40	12.64	<=34.77	Pass
	707.5	1	0	22.45	-7.40	12.90	<=34.77	Pass
			25	23.12	-7.40	13.57	<=34.77	Pass
			49	23.10	-7.40	13.55	<=34.77	Pass
		25	0	22.17	-7.40	12.62	<=34.77	Pass
			13	22.23	-7.40	12.68	<=34.77	Pass
			25	22.11	-7.40	12.56	<=34.77	Pass
		50	0	22.03	-7.40	12.48	<=34.77	Pass
	711	1	0	22.96	-7.40	13.41	<=34.77	Pass
			25	22.90	-7.40	13.35	<=34.77	Pass
			49	23.01	-7.40	13.46	<=34.77	Pass
		25	0	22.01	-7.40	12.46	<=34.77	Pass
			13	22.15	-7.40	12.60	<=34.77	Pass
			25	22.11	-7.40	12.56	<=34.77	Pass
		50	0	22.00	-7.40	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	1.900	0.0027	-2.5 to 2.5	Pass
					NV	4.400	0.0062	-2.5 to 2.5	Pass
					HV	1.600	0.0023	-2.5 to 2.5	Pass
				-30	NV	2.600	0.0037	-2.5 to 2.5	Pass
				-20	NV	2.700	0.0038	-2.5 to 2.5	Pass
				-10	NV	2.800	0.0040	-2.5 to 2.5	Pass
				0	NV	2.300	0.0033	-2.5 to 2.5	Pass
				10	NV	1.600	0.0023	-2.5 to 2.5	Pass
				30	NV	1.300	0.0018	-2.5 to 2.5	Pass
				40	NV	1.800	0.0025	-2.5 to 2.5	Pass
				50	NV	2.000	0.0028	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

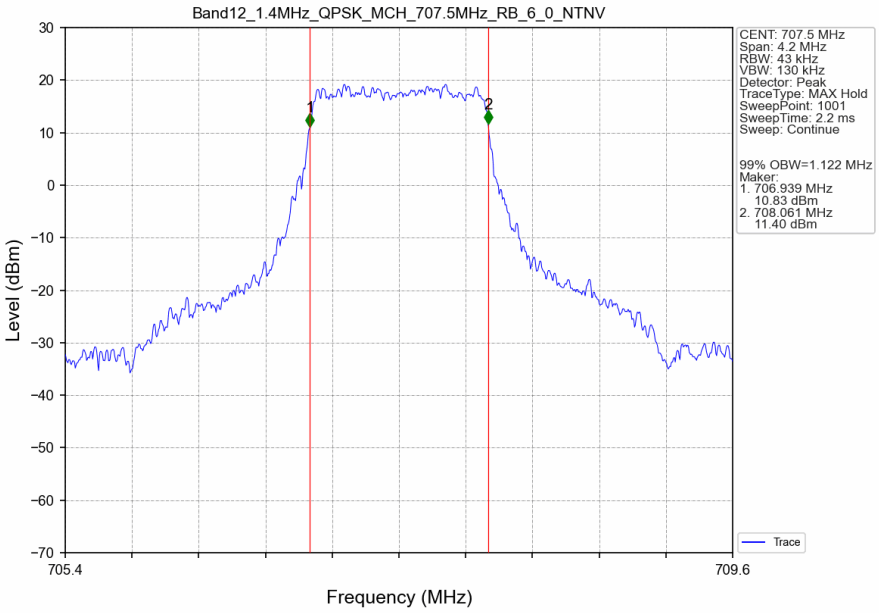
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.122	/	Pass
	16QAM	707.5	6	0	1.125	/	Pass
3	QPSK	707.5	15	0	2.745	/	Pass
	16QAM	707.5	15	0	2.748	/	Pass
5	QPSK	707.5	25	0	4.552	/	Pass
	16QAM	707.5	25	0	4.536	/	Pass
10	QPSK	707.5	50	0	9.065	/	Pass
	16QAM	707.5	50	0	9.068	/	Pass

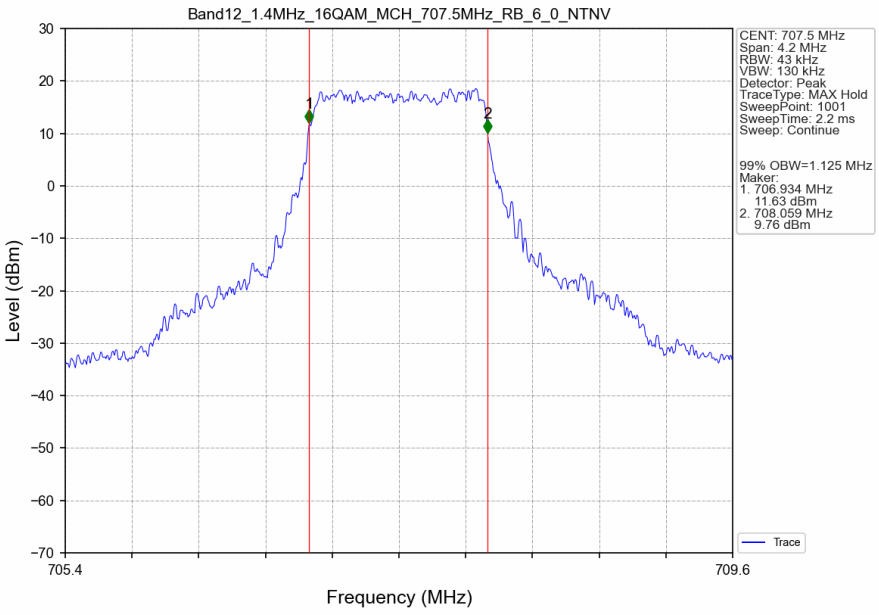
3.1.2 Band12_XDB

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	1.391	/	Pass
	16QAM	707.5	6	0	1.483	/	Pass
3	QPSK	707.5	15	0	3.127	/	Pass
	16QAM	707.5	15	0	3.117	/	Pass
5	QPSK	707.5	25	0	5.186	/	Pass
	16QAM	707.5	25	0	5.190	/	Pass
10	QPSK	707.5	50	0	10.194	/	Pass
	16QAM	707.5	50	0	10.206	/	Pass

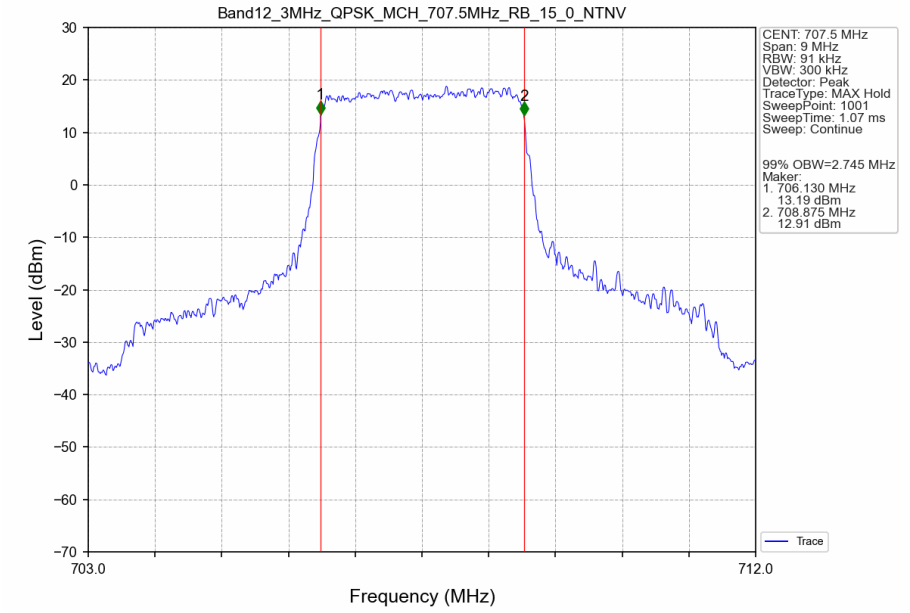
3.2 Test Graph

3.2.1 Band12_OBW

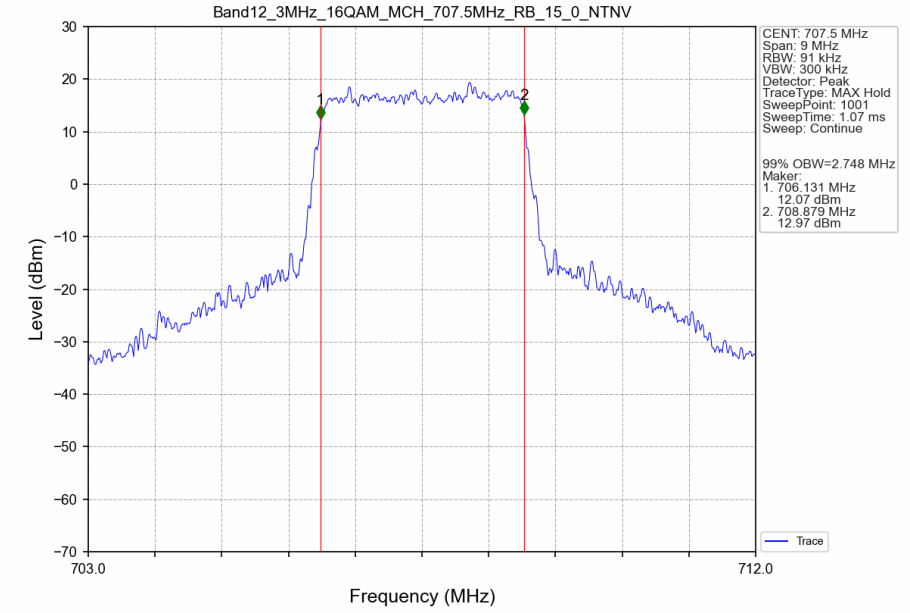
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV


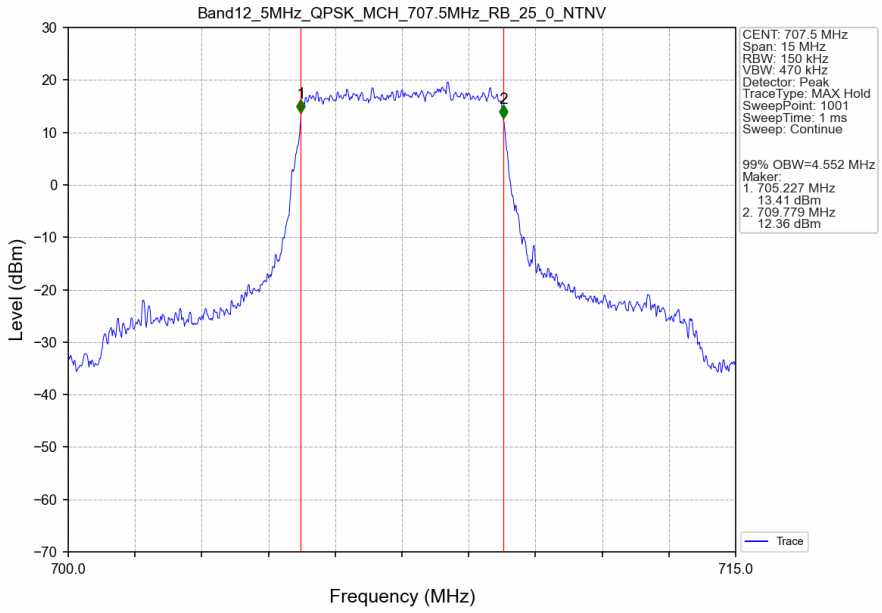
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



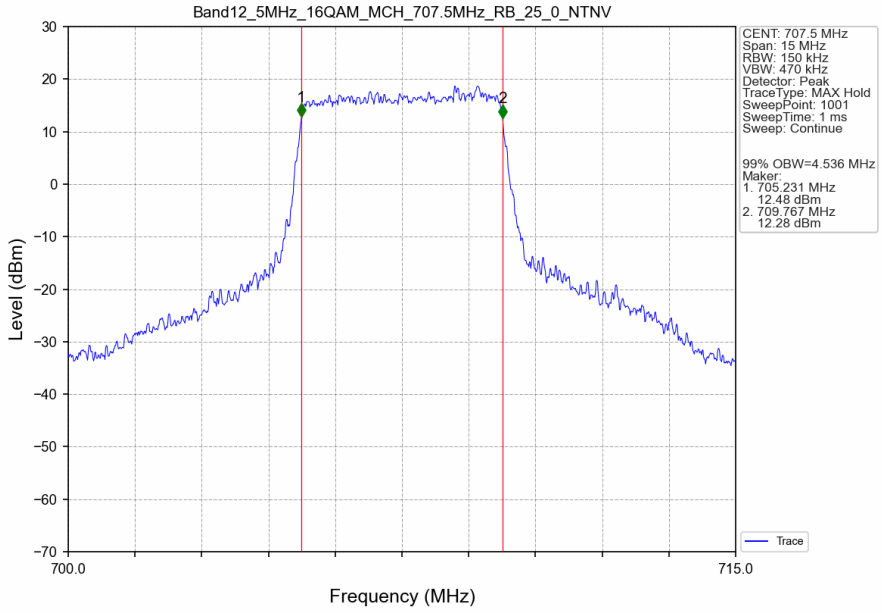
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



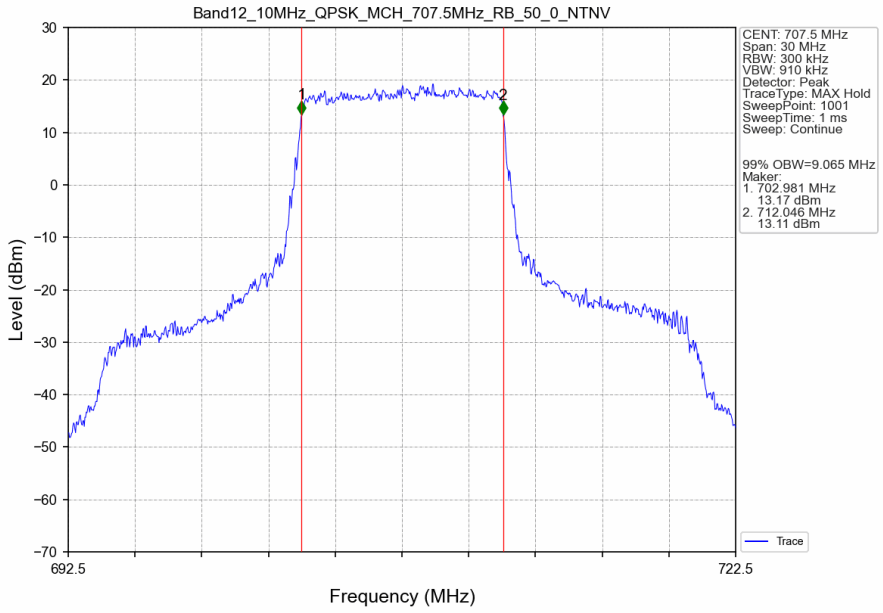
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



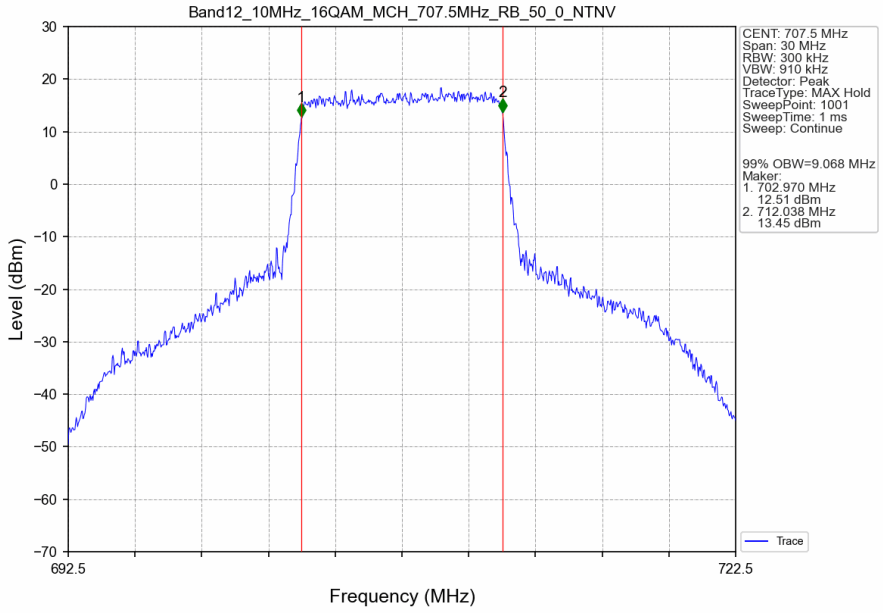
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



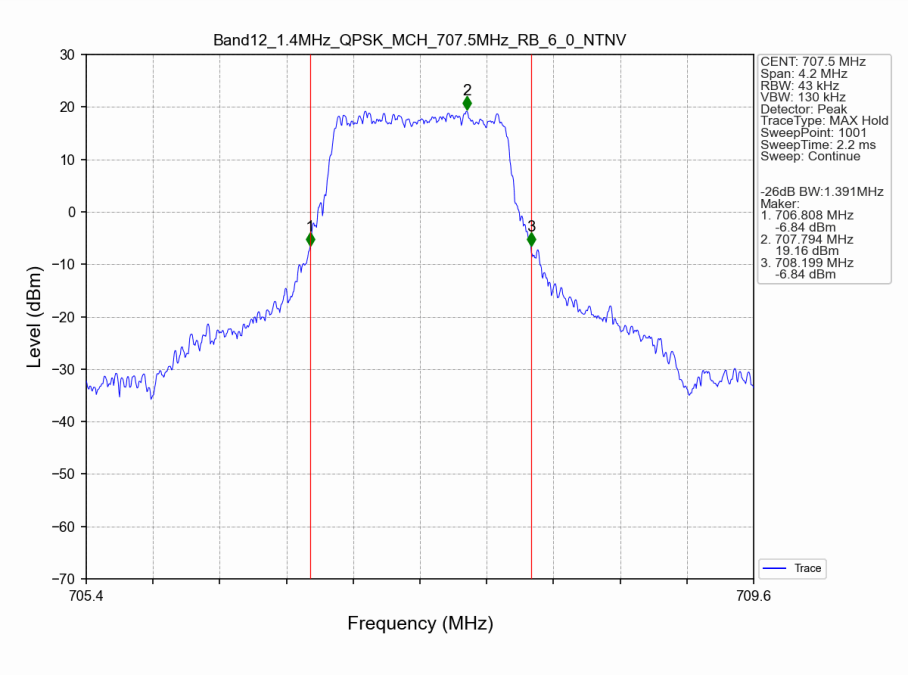
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

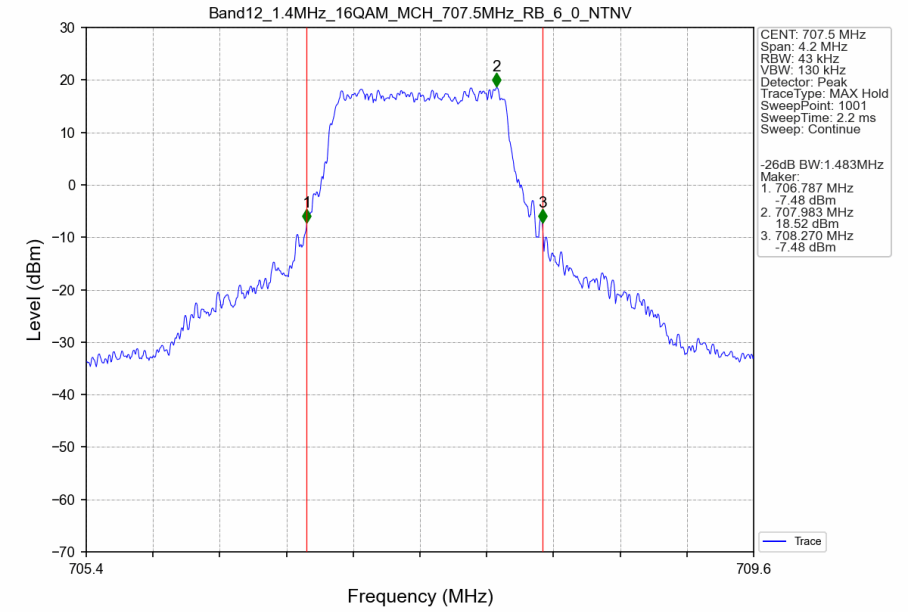


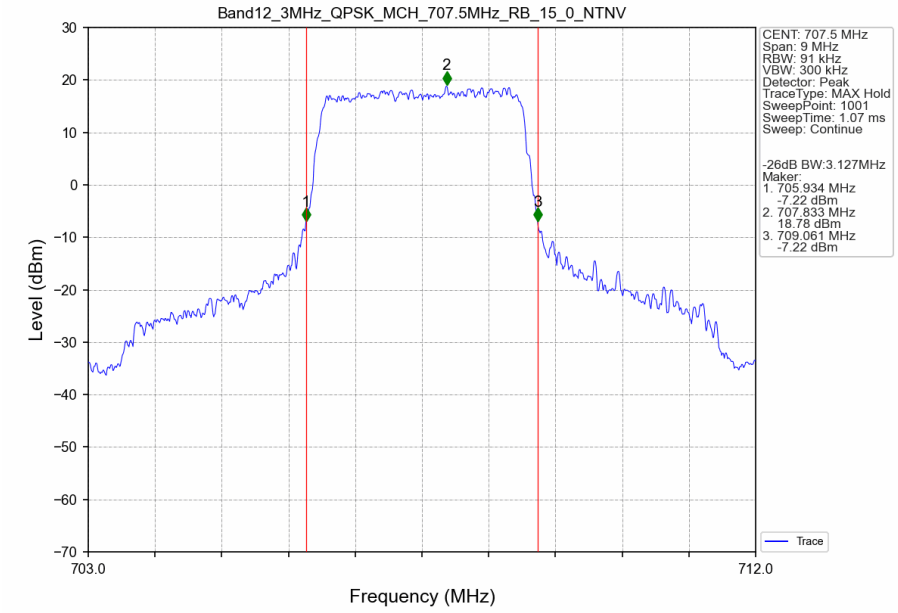
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

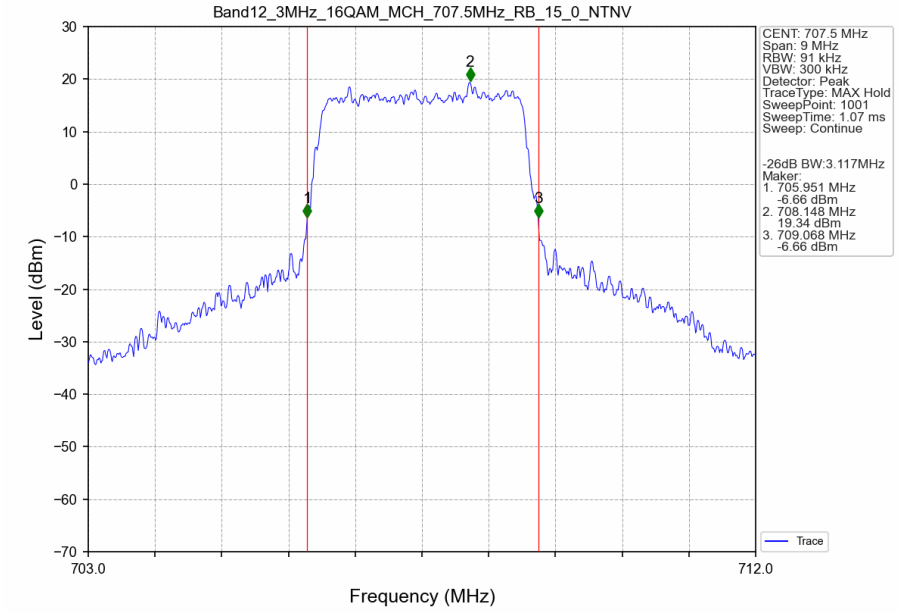


3.2.2 Band12_XDB

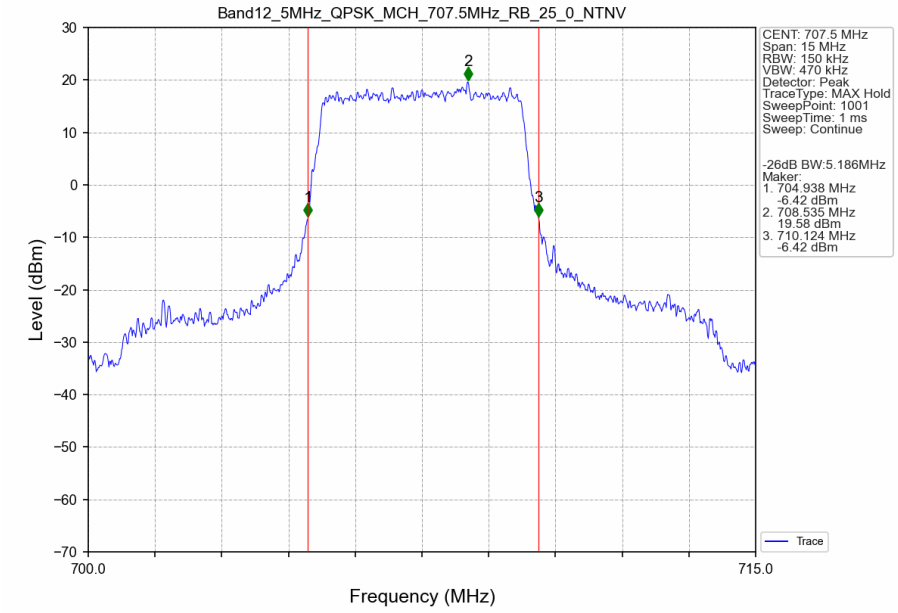
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV


Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV


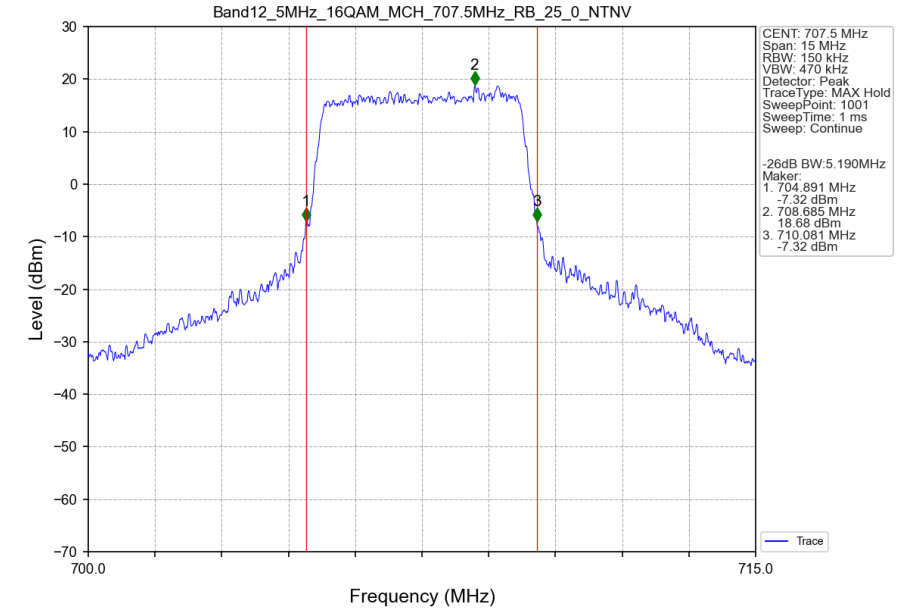
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV


Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV


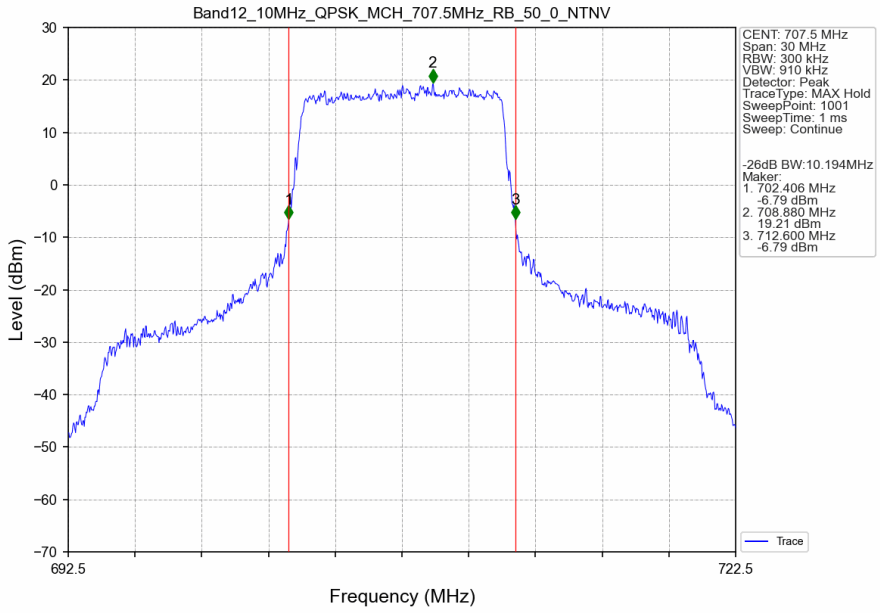
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



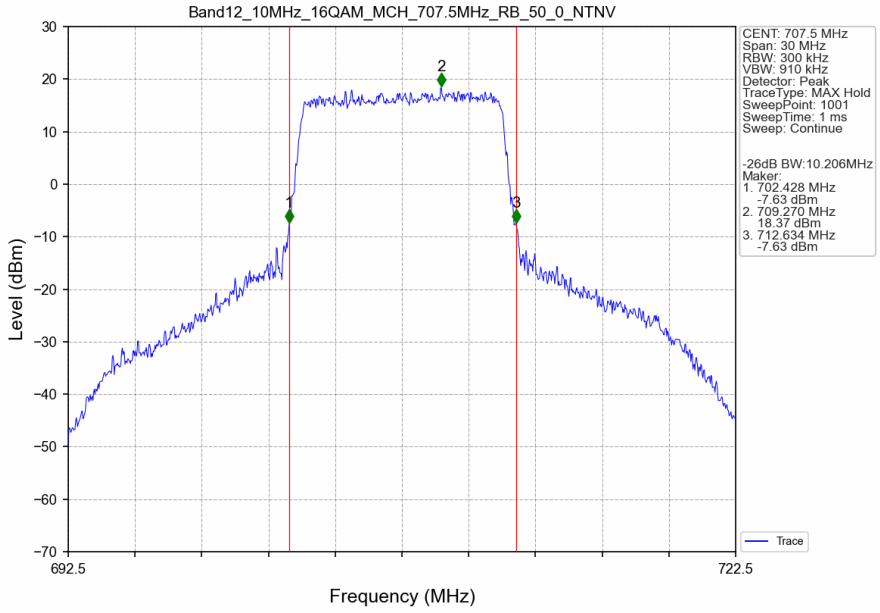
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

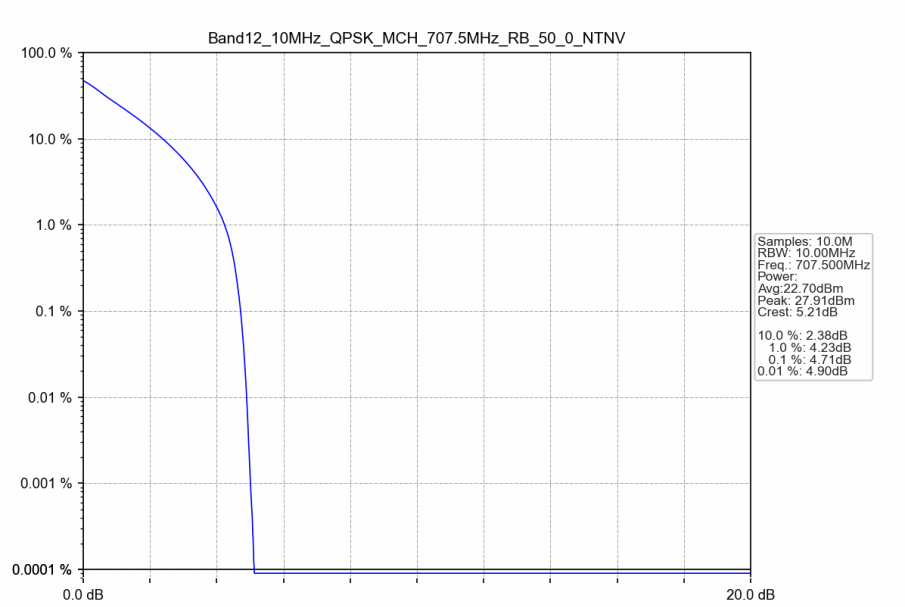
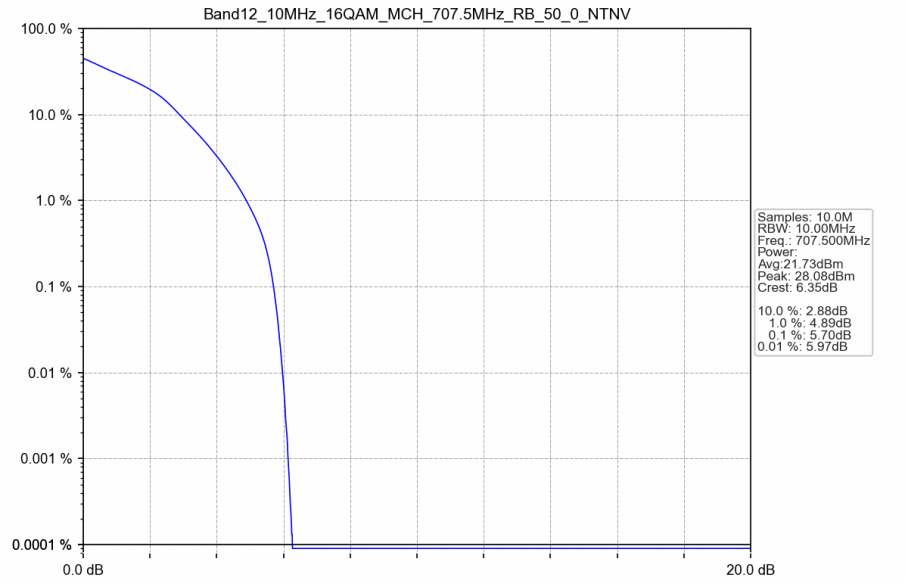
4.1 Test Result

4.1.1 B12_10MHz

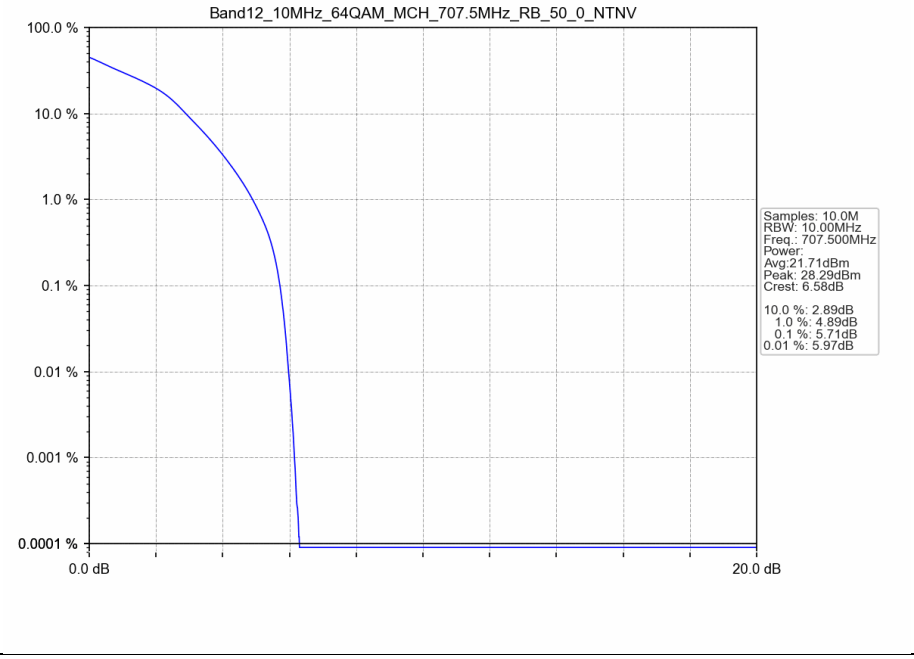
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	4.71	<=13	Pass
16QAM	707.5	50	0	5.70	<=13	Pass
64QAM	707.5	50	0	5.71	<=13	Pass

4.2 Test Graph

4.2.1 B12_10MHz

Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV


Band12_10MHz_64QAM_MCH_707.5MHz_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

5.1.2 B12_3MHz

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

5.1.3 B12_5MHz

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

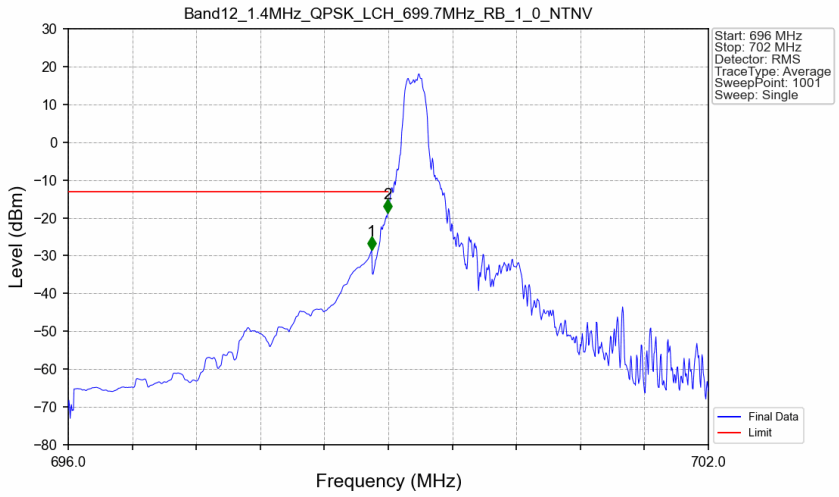
5.1.4 B12_10MHz

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

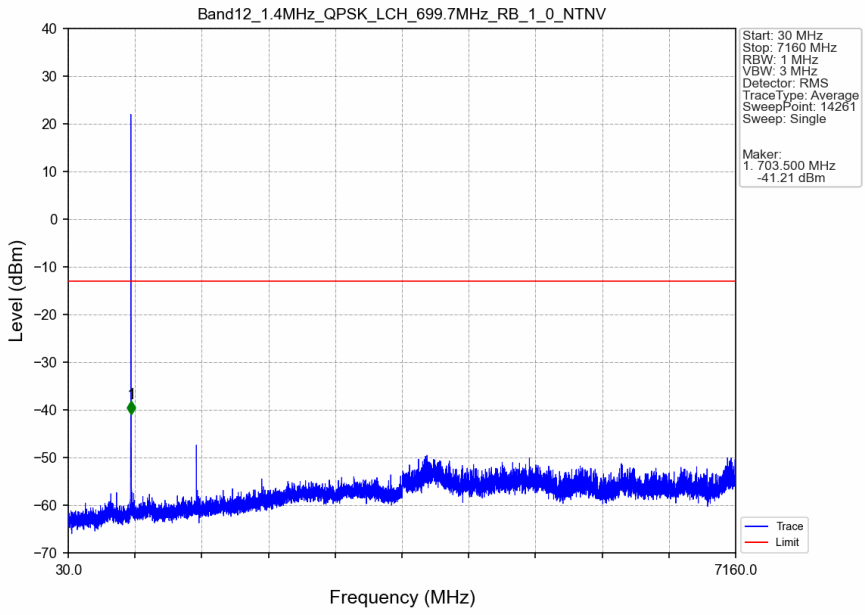
5.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

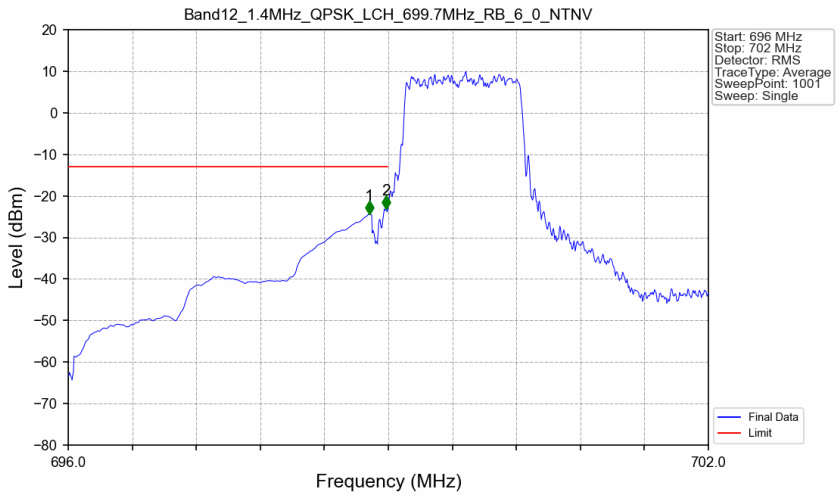


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-28.46	-13	Pass
698.9	699	0.03	/	2	698.994	-18.70	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

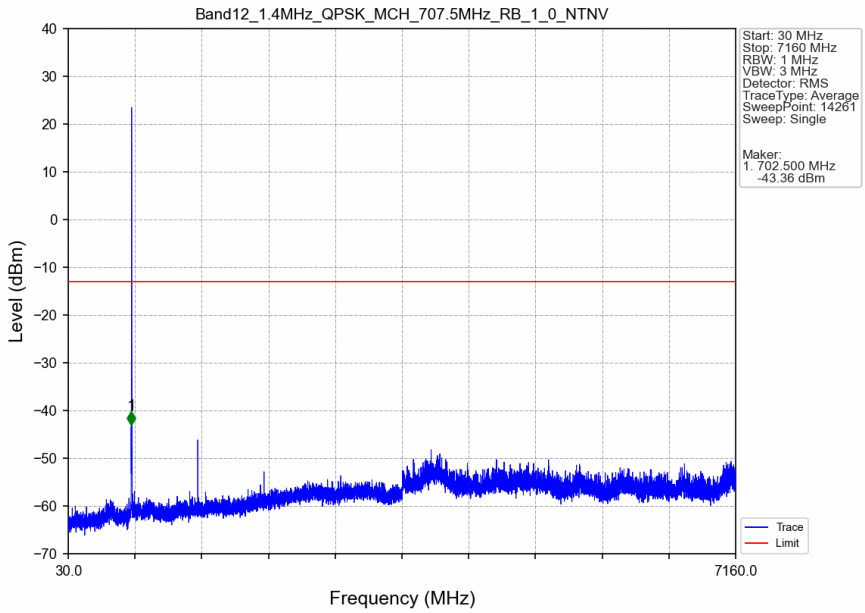


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

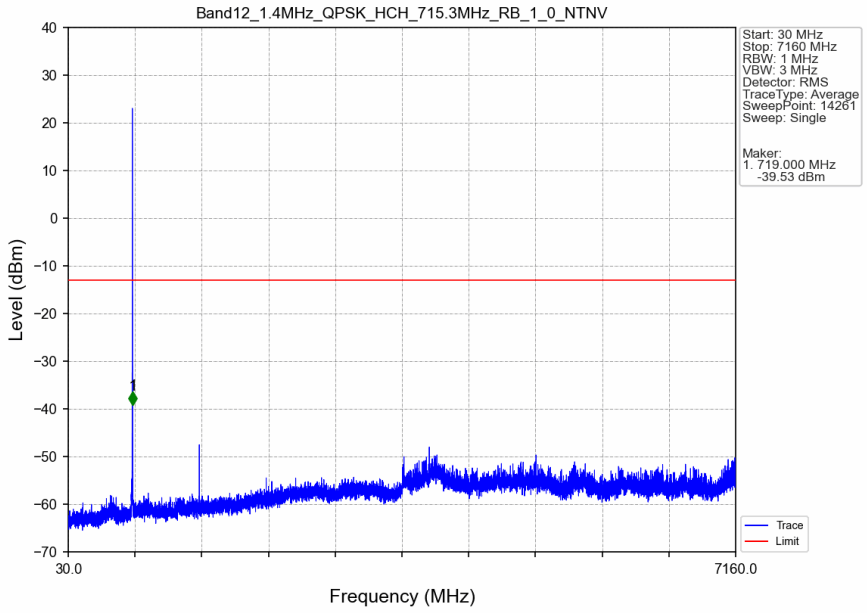


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.820	-24.46	-13	Pass
698.9	699	0.03	/	2	698.982	-23.04	-13	Pass
699	702	0.03	/	/	/	/	/	/

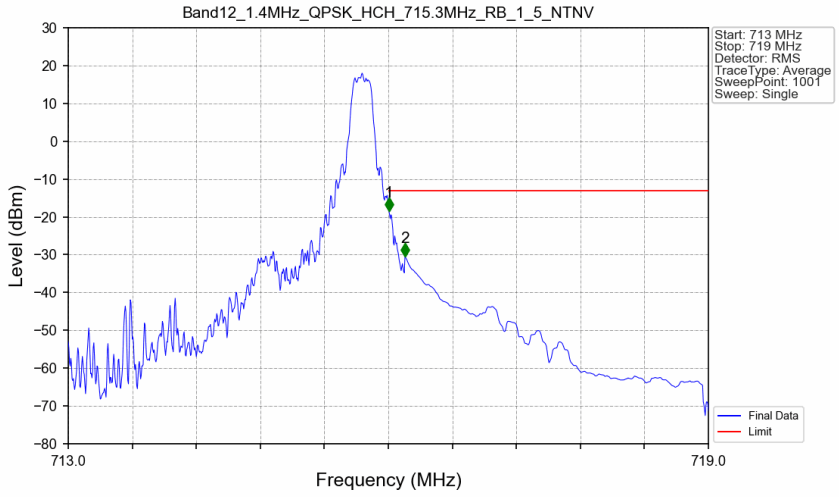
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

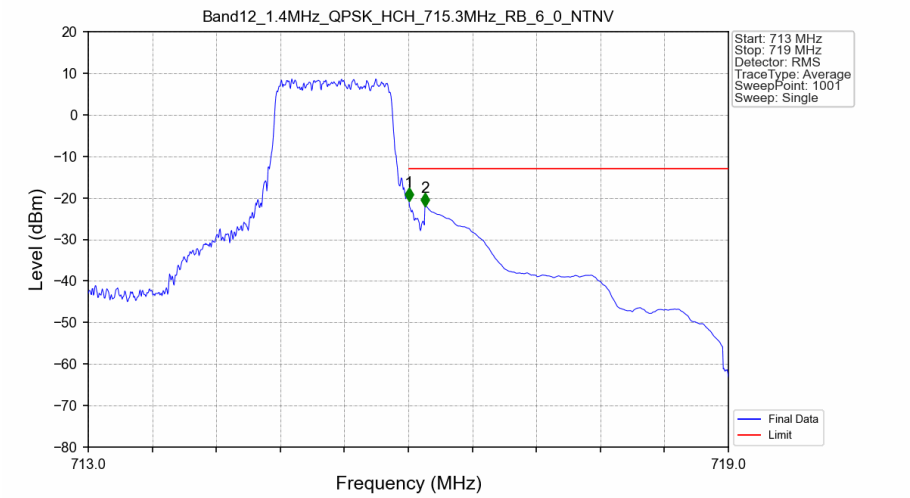


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



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	716.006	-18.37	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.45	-13	Pass

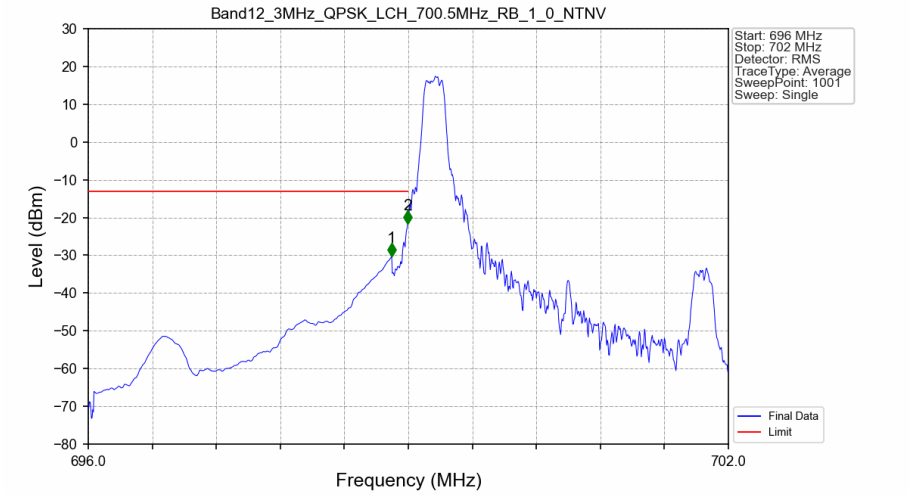
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



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	-20.76	-13	Pass
716.1	719	0.1	CHP	2	716.156	-21.95	-13	Pass

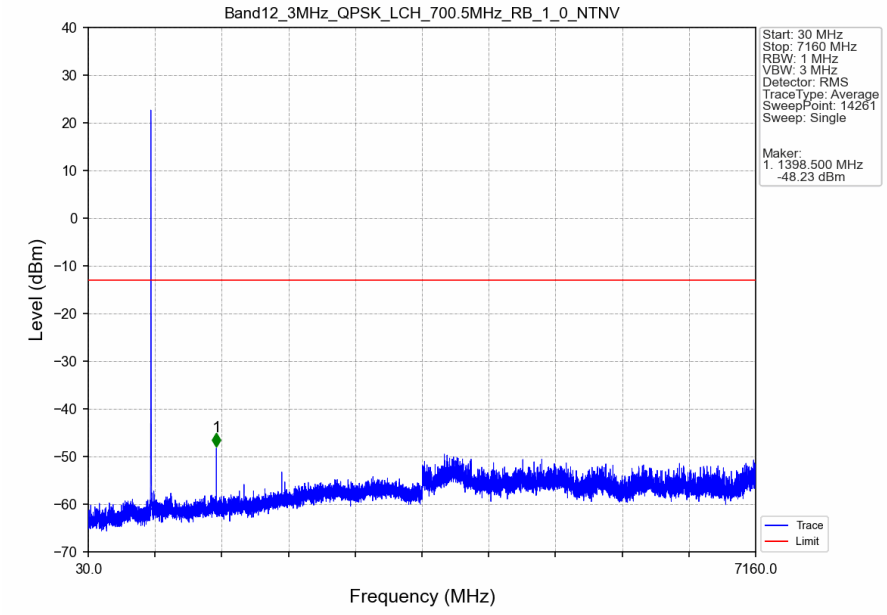
5.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

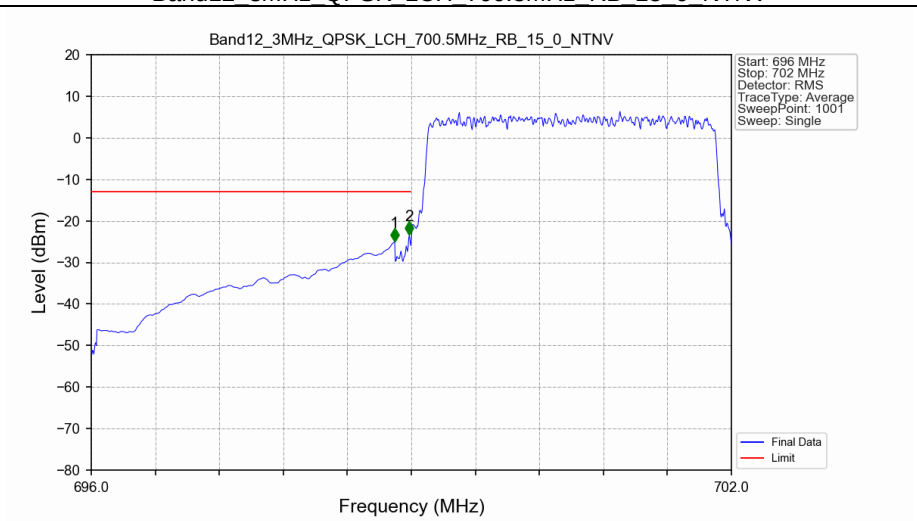


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-30.26	-13	Pass
698.9	699	0.03	/	2	698.994	-21.64	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

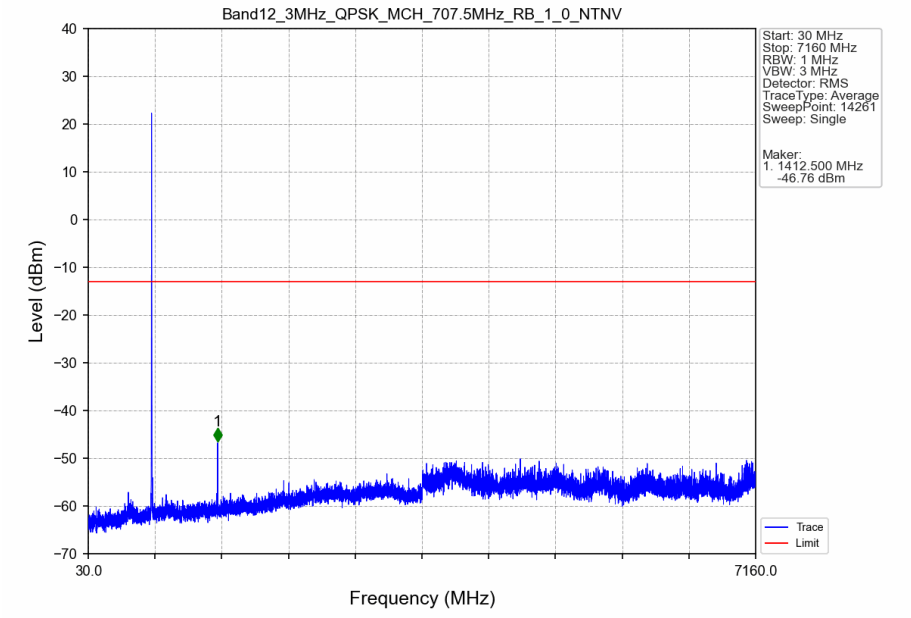


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

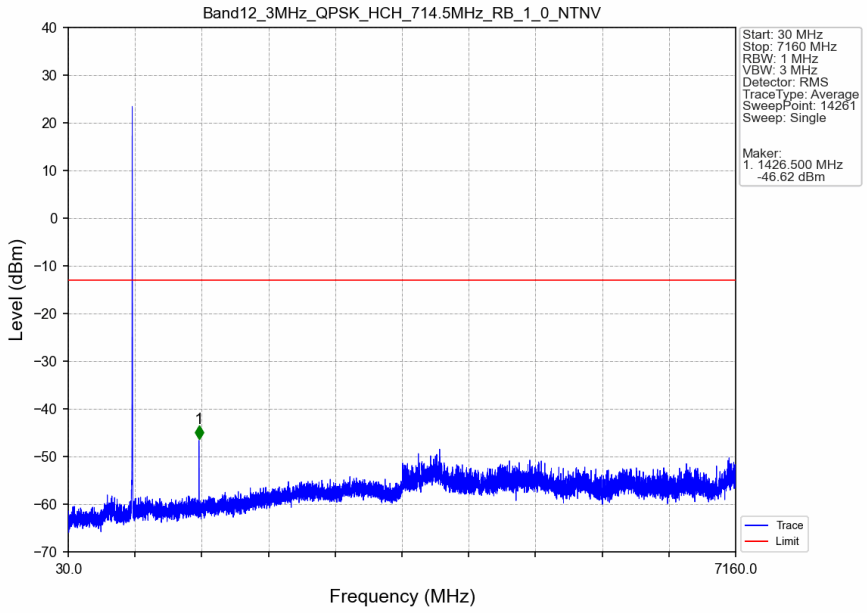


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-24.95	-13	Pass
698.9	699	0.03	/	2	698.982	-23.37	-13	Pass
699	702	0.03	/	/	/	/	/	/

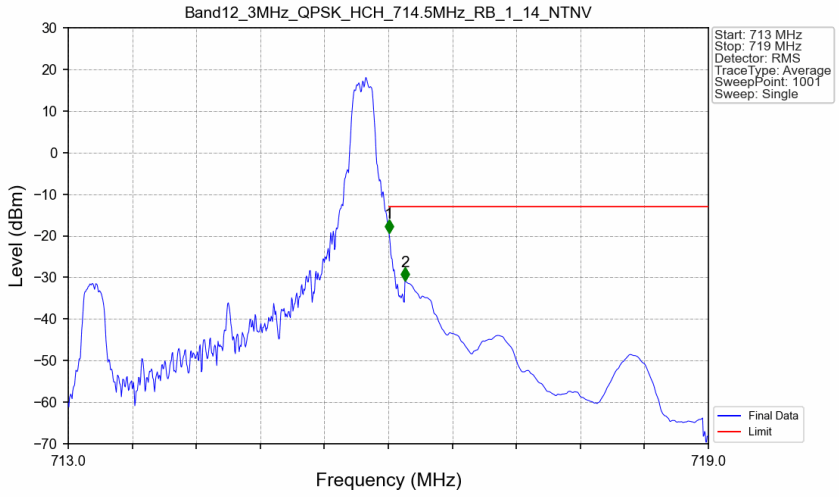
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

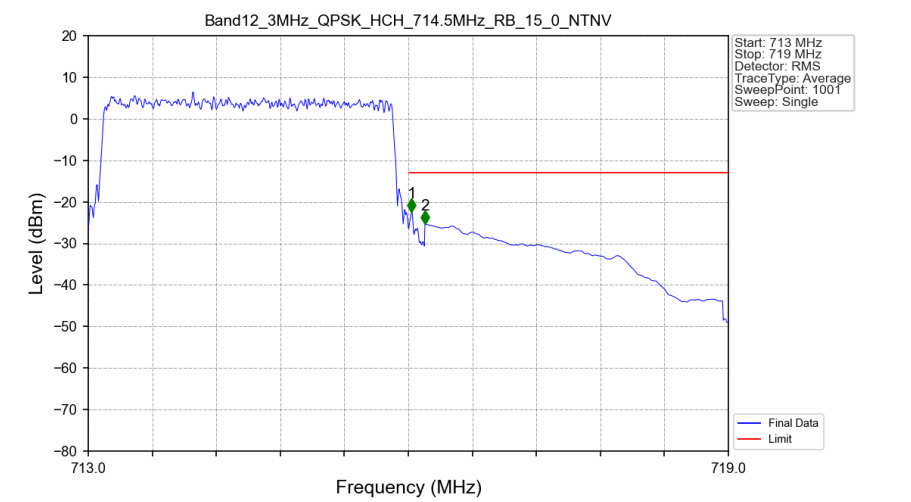


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



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	-19.22	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.76	-13	Pass

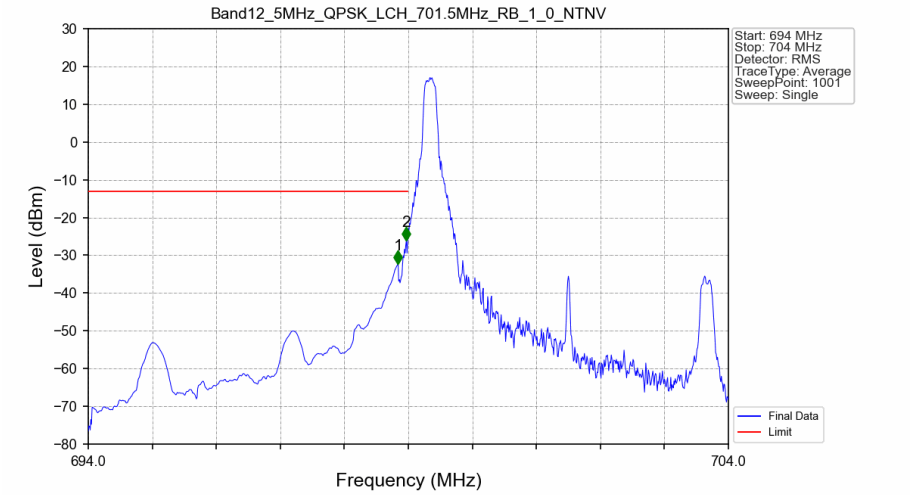
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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	716.030	-22.43	-13	Pass
716.1	719	0.1	CHP	2	716.156	-25.37	-13	Pass

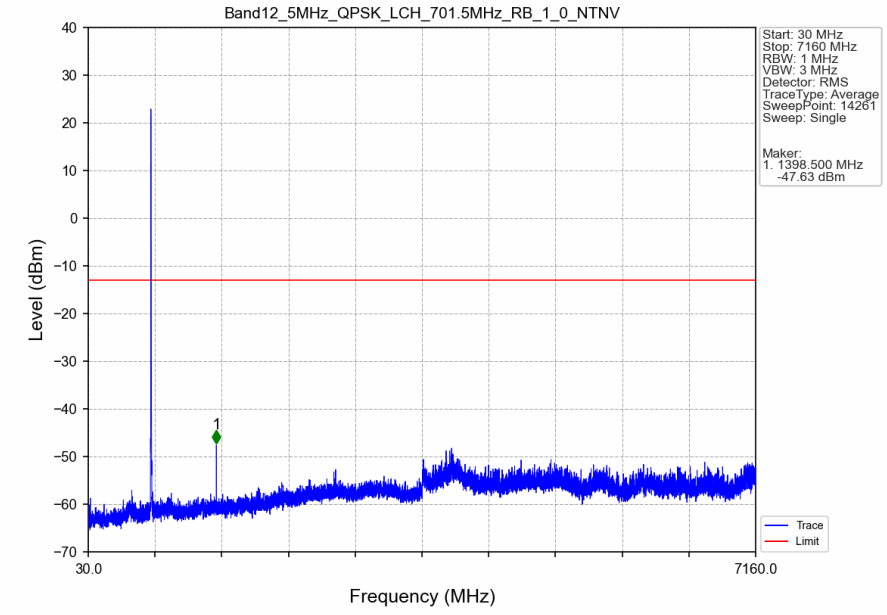
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

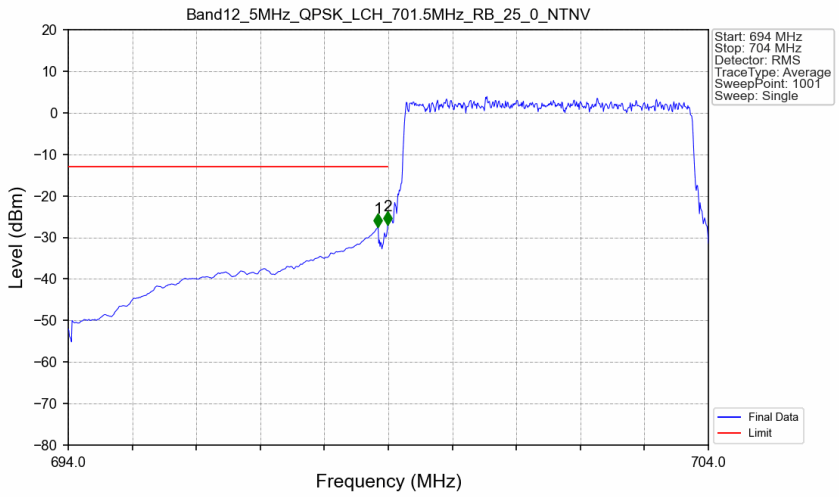


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-32.18	-13	Pass
698.9	699	0.03	/	2	698.970	-26.05	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

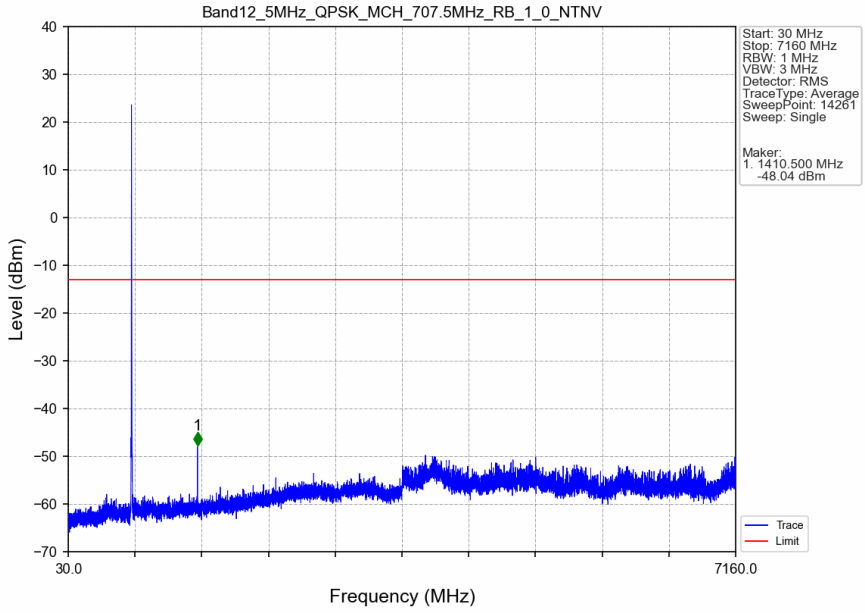


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

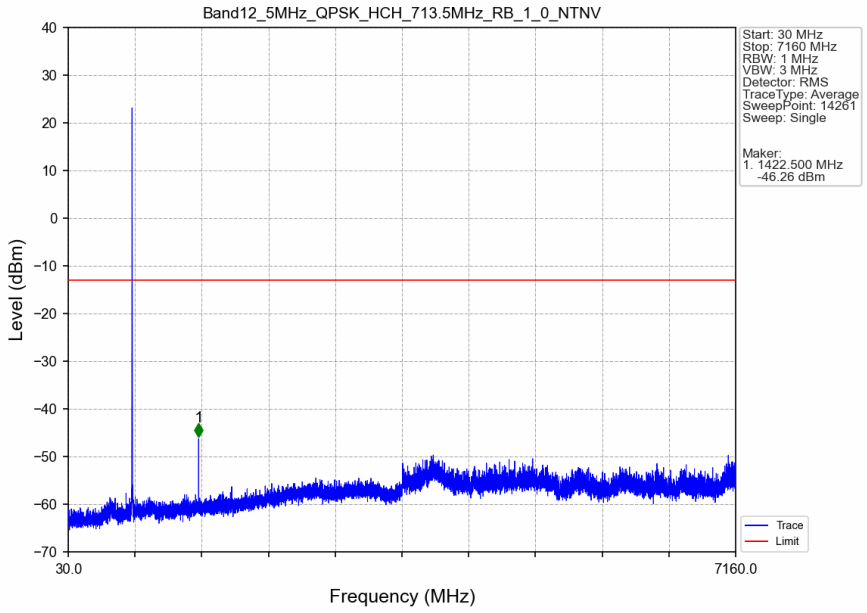


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-27.48	-13	Pass
698.9	699	0.03	/	2	698.990	-26.88	-13	Pass
699	704	0.03	/	/	/	/	/	/

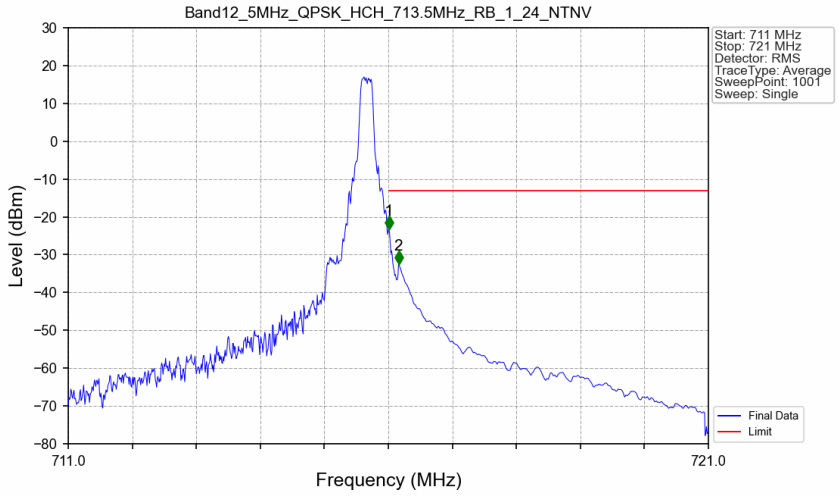
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

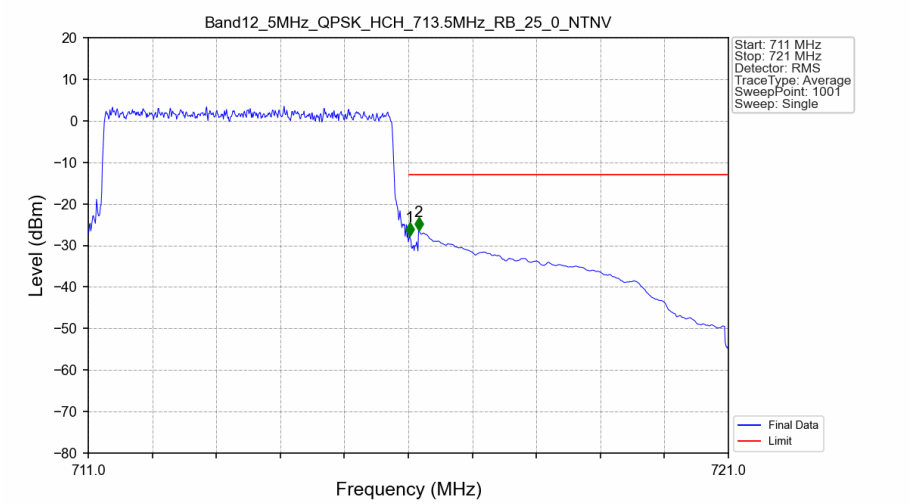


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-23.25	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.43	-13	Pass

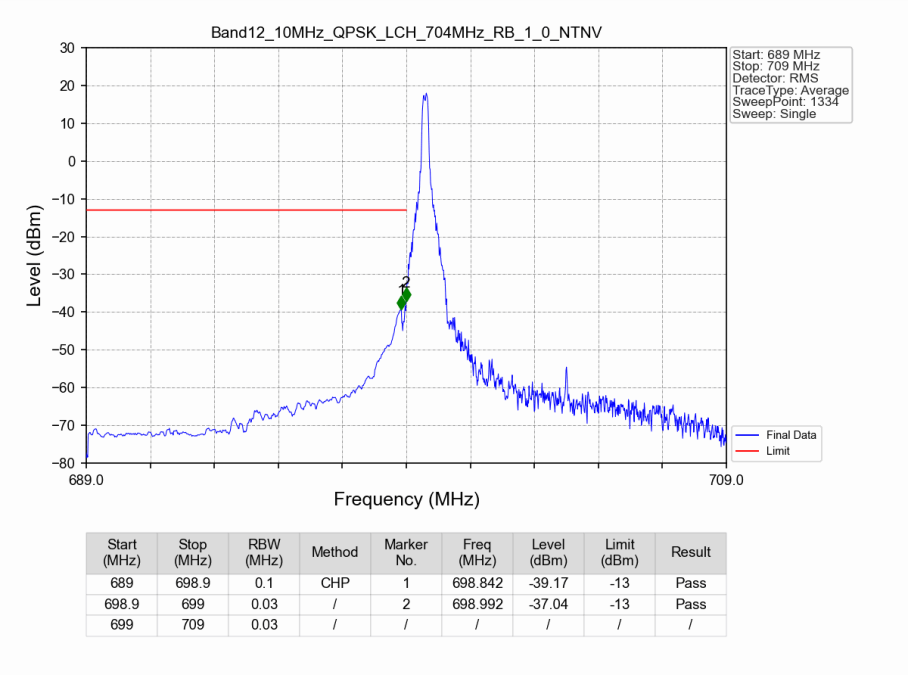
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-27.66	-13	Pass
716.1	721	0.1	CHP	2	716.160	-26.45	-13	Pass

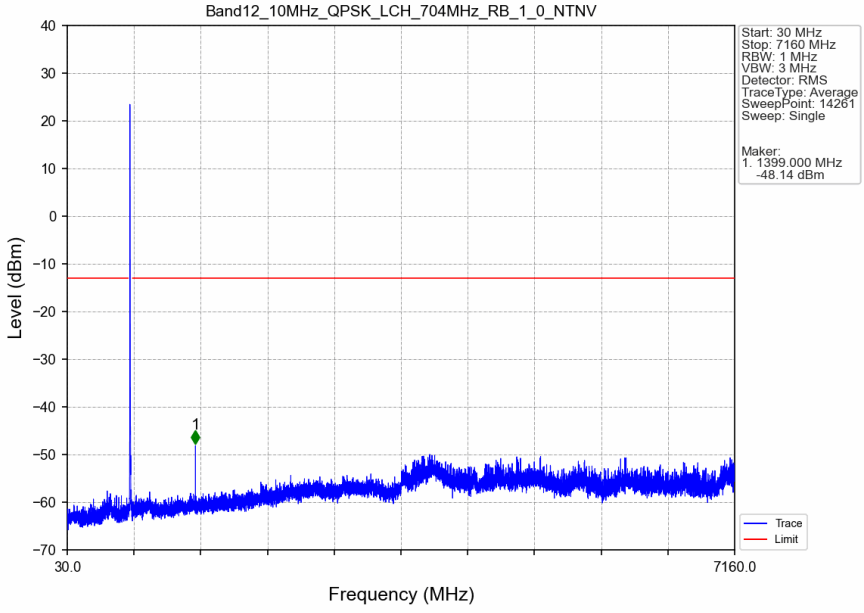
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

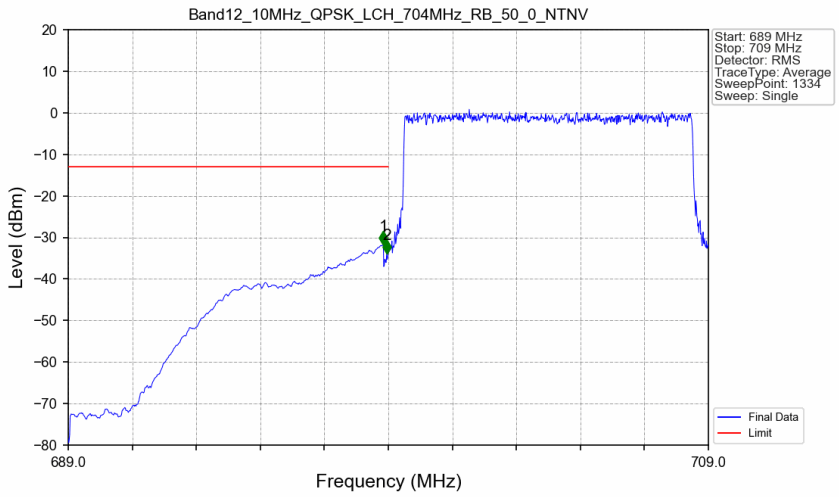


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-39.17	-13	Pass
698.9	699	0.03	/	2	698.992	-37.04	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

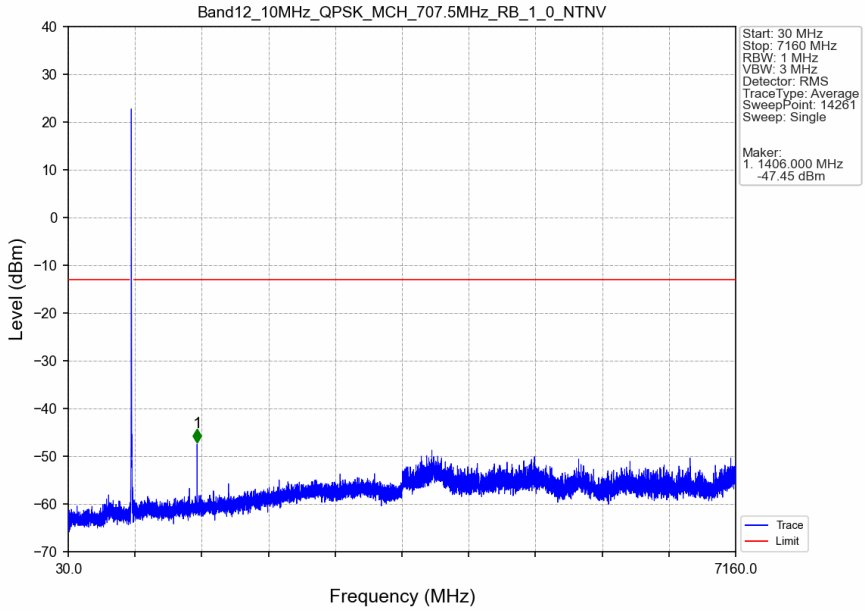


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

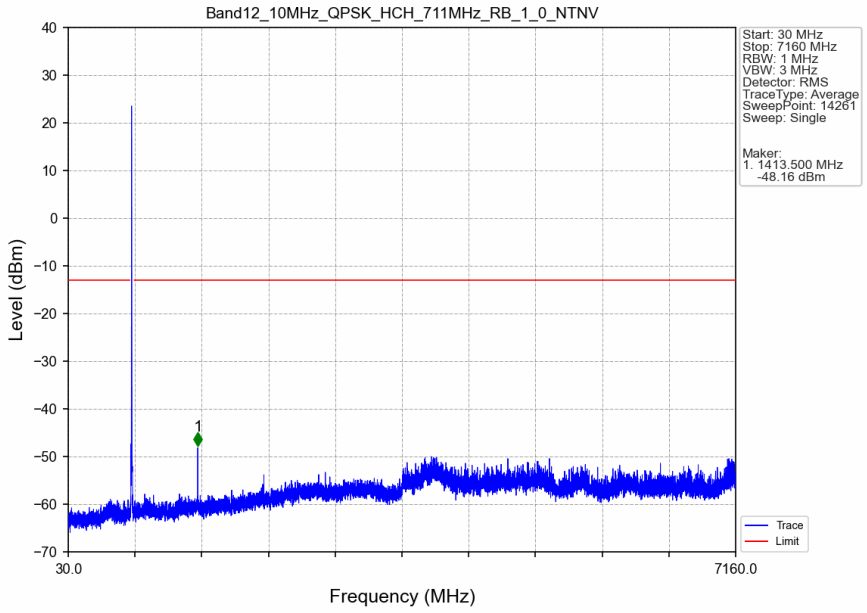


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-31.63	-13	Pass
698.9	699	0.03	/	2	698.947	-33.92	-13	Pass
699	709	0.03	/	/	/	/	/	/

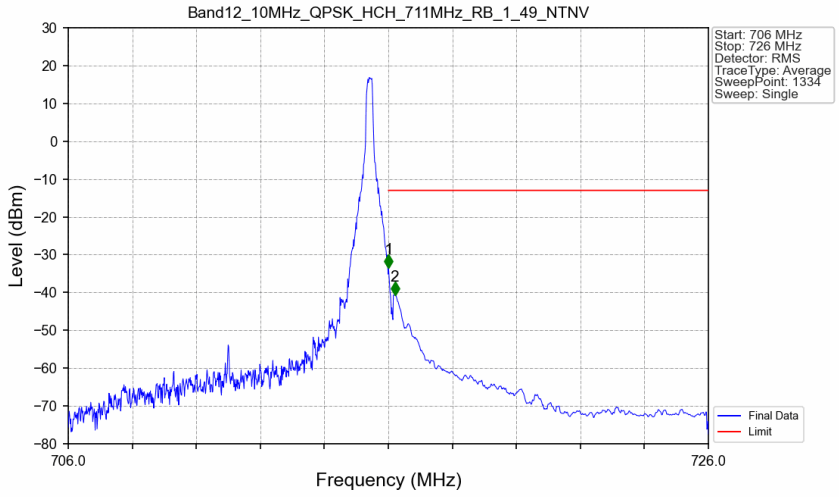
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

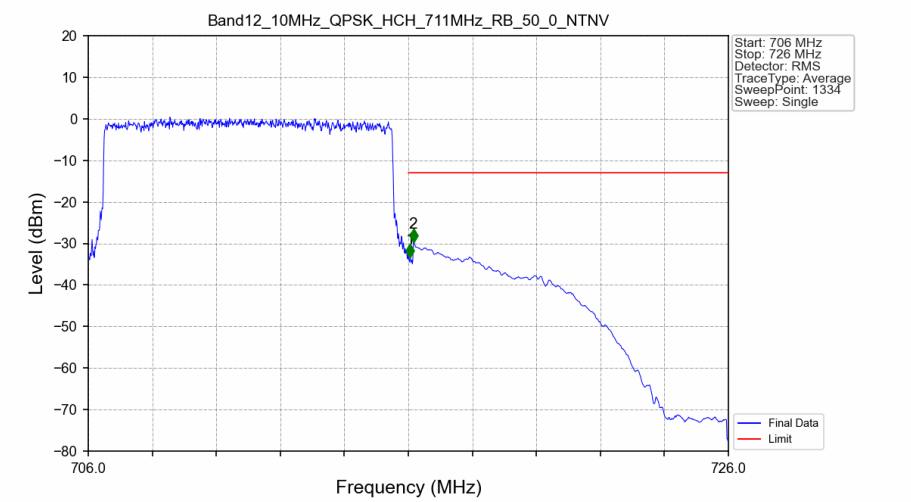


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



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	-33.55	-13	Pass
716.1	726	0.1	CHP	2	716.203	-40.62	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.053	-33.24	-13	Pass
716.1	726	0.1	CHP	2	716.158	-29.73	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 12 ANT0-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1399.0	-68.75	-13	-55.75	-71.52	2.47	5.24	Horizontal	Pass
2098.5	-68.08	-13	-55.08	-70.15	2.79	4.86	Horizontal	Pass
2798.0	-68.63	-13	-55.63	-71.99	3.12	6.48	Horizontal	Pass
1399.0	-70.54	-13	-57.54	-73.31	2.47	5.24	Vertical	Pass
2098.5	-70.09	-13	-57.09	-72.16	2.79	4.86	Vertical	Pass
2798.0	-68.45	-13	-55.45	-71.81	3.12	6.48	Vertical	Pass

LTE Band 12 ANT0-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1406.0	-69.21	-13	-56.21	-72.01	2.48	5.28	Horizontal	Pass
2109.0	-67.39	-13	-54.39	-69.47	2.8	4.88	Horizontal	Pass
2812.0	-68.26	-13	-55.26	-71.65	3.12	6.51	Horizontal	Pass
1406.0	-70.68	-13	-57.68	-73.48	2.48	5.28	Vertical	Pass
2109.0	-69.81	-13	-56.81	-71.89	2.8	4.88	Vertical	Pass
2812.0	-68.8	-13	-55.8	-72.19	3.12	6.51	Vertical	Pass

LTE Band 12 ANT0-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1413.0	-68.21	-13	-55.21	-71.05	2.49	5.33	Horizontal	Pass
2119.5	-65.5	-13	-52.5	-67.6	2.81	4.91	Horizontal	Pass
2826.0	-68.67	-13	-55.67	-72.08	3.13	6.54	Horizontal	Pass
1413.0	-70.17	-13	-57.17	-73.01	2.49	5.33	Vertical	Pass
2119.5	-70.5	-13	-57.5	-72.6	2.81	4.91	Vertical	Pass
2826.0	-68.75	-13	-55.75	-72.16	3.13	6.54	Vertical	Pass