

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	24.02	3.00	24.87	<=34.77	Pass
			2	24.31	3.00	25.16	<=34.77	Pass
			5	24.21	3.00	25.06	<=34.77	Pass
		3	0	24.18	3.00	25.03	<=34.77	Pass
			2	24.34	3.00	25.19	<=34.77	Pass
			3	24.27	3.00	25.12	<=34.77	Pass
		6	0	23.23	3.00	24.08	<=34.77	Pass
	707.5	1	0	24.29	3.00	25.14	<=34.77	Pass
			2	24.54	3.00	25.39	<=34.77	Pass
			5	24.39	3.00	25.24	<=34.77	Pass
		3	0	24.40	3.00	25.25	<=34.77	Pass
			2	24.47	3.00	25.32	<=34.77	Pass
			3	24.37	3.00	25.22	<=34.77	Pass
		6	0	23.50	3.00	24.35	<=34.77	Pass
	715.3	1	0	23.57	3.00	24.42	<=34.77	Pass
			2	23.78	3.00	24.63	<=34.77	Pass
			5	23.51	3.00	24.36	<=34.77	Pass
		3	0	23.76	3.00	24.61	<=34.77	Pass
			2	23.79	3.00	24.64	<=34.77	Pass
			3	23.70	3.00	24.55	<=34.77	Pass
		6	0	22.80	3.00	23.65	<=34.77	Pass
16QAM	699.7	1	0	23.06	3.00	23.91	<=34.77	Pass
			2	23.50	3.00	24.35	<=34.77	Pass
			5	23.33	3.00	24.18	<=34.77	Pass
		3	0	23.18	3.00	24.03	<=34.77	Pass
			2	23.40	3.00	24.25	<=34.77	Pass
			3	23.35	3.00	24.20	<=34.77	Pass
		6	0	22.19	3.00	23.04	<=34.77	Pass
	707.5	1	0	23.33	3.00	24.18	<=34.77	Pass
			2	23.61	3.00	24.46	<=34.77	Pass
			5	23.37	3.00	24.22	<=34.77	Pass
		3	0	23.59	3.00	24.44	<=34.77	Pass
			2	23.65	3.00	24.50	<=34.77	Pass
			3	23.55	3.00	24.40	<=34.77	Pass
		6	0	22.51	3.00	23.36	<=34.77	Pass
	715.3	1	0	22.64	3.00	23.49	<=34.77	Pass
			2	22.86	3.00	23.71	<=34.77	Pass
			5	22.59	3.00	23.44	<=34.77	Pass
		3	0	22.90	3.00	23.75	<=34.77	Pass
			2	22.98	3.00	23.83	<=34.77	Pass
			3	22.85	3.00	23.70	<=34.77	Pass
		6	0	21.69	3.00	22.54	<=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	24.41	3.00	25.26	<=34.77	Pass	
			7	24.67	3.00	25.52	<=34.77	Pass	
			14	24.80	3.00	25.65	<=34.77	Pass	
		8	0	23.53	3.00	24.38	<=34.77	Pass	
			4	23.66	3.00	24.51	<=34.77	Pass	
			7	23.74	3.00	24.59	<=34.77	Pass	
		15	0	23.64	3.00	24.49	<=34.77	Pass	
		707.5	1	0	24.53	3.00	25.38	<=34.77	Pass
				7	24.67	3.00	25.52	<=34.77	Pass
	14			24.50	3.00	25.35	<=34.77	Pass	
	8		0	23.66	3.00	24.51	<=34.77	Pass	
			4	23.71	3.00	24.56	<=34.77	Pass	
			7	23.64	3.00	24.49	<=34.77	Pass	
	714.5	1	0	23.66	3.00	24.51	<=34.77	Pass	
			7	23.96	3.00	24.95	<=34.77	Pass	
			14	23.78	3.00	24.81	<=34.77	Pass	
		8	0	23.15	3.00	24.63	<=34.77	Pass	
			4	23.15	3.00	24.00	<=34.77	Pass	
			7	23.06	3.00	23.91	<=34.77	Pass	
		15	0	23.01	3.00	23.86	<=34.77	Pass	
			7	23.01	3.00	23.86	<=34.77	Pass	
0			23.11	3.00	23.96	<=34.77	Pass		
16QAM	700.5	1	0	23.45	3.00	24.30	<=34.77	Pass	
			7	23.75	3.00	24.60	<=34.77	Pass	
			14	23.93	3.00	24.78	<=34.77	Pass	
		8	0	22.43	3.00	23.28	<=34.77	Pass	
			4	22.58	3.00	23.43	<=34.77	Pass	
			7	22.67	3.00	23.52	<=34.77	Pass	
	15	0	22.56	3.00	23.41	<=34.77	Pass		
	707.5	1	0	22.56	3.00	23.41	<=34.77	Pass	
			7	23.57	3.00	24.42	<=34.77	Pass	
			14	23.79	3.00	24.64	<=34.77	Pass	
		8	0	23.56	3.00	24.41	<=34.77	Pass	
			4	22.71	3.00	23.56	<=34.77	Pass	
			7	22.79	3.00	23.64	<=34.77	Pass	
	714.5	1	0	22.70	3.00	23.55	<=34.77	Pass	
			4	22.70	3.00	23.55	<=34.77	Pass	
			7	22.73	3.00	23.58	<=34.77	Pass	
		8	0	22.73	3.00	23.58	<=34.77	Pass	
			4	22.13	3.00	22.98	<=34.77	Pass	
			7	22.09	3.00	22.94	<=34.77	Pass	
	15	0	21.97	3.00	22.82	<=34.77	Pass		
	0	22.03	3.00	22.88	<=34.77	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	24.40	3.00	25.25	<=34.77	Pass
			13	24.76	3.00	25.61	<=34.77	Pass
			24	24.48	3.00	25.33	<=34.77	Pass
		12	0	23.57	3.00	24.42	<=34.77	Pass
			6	23.72	3.00	24.57	<=34.77	Pass
			13	23.71	3.00	24.56	<=34.77	Pass

		25	0	23.71	3.00	24.56	<=34.77	Pass
	707.5	1	0	24.61	3.00	25.46	<=34.77	Pass
			13	24.52	3.00	25.37	<=34.77	Pass
			24	24.34	3.00	25.19	<=34.77	Pass
			0	23.58	3.00	24.43	<=34.77	Pass
		12	6	23.63	3.00	24.48	<=34.77	Pass
			13	23.61	3.00	24.46	<=34.77	Pass
			25	0	23.56	3.00	24.41	<=34.77
	713.5	1	0	24.40	3.00	25.25	<=34.77	Pass
			13	24.04	3.00	24.89	<=34.77	Pass
			24	23.68	3.00	24.53	<=34.77	Pass
			0	23.33	3.00	24.18	<=34.77	Pass
		12	6	23.14	3.00	23.99	<=34.77	Pass
			13	22.92	3.00	23.77	<=34.77	Pass
			25	0	23.13	3.00	23.98	<=34.77
16QAM	701.5	1	0	23.20	3.00	24.05	<=34.77	Pass
			13	23.64	3.00	24.49	<=34.77	Pass
			24	23.64	3.00	24.49	<=34.77	Pass
		12	0	22.47	3.00	23.32	<=34.77	Pass
			6	22.65	3.00	23.50	<=34.77	Pass
			13	22.63	3.00	23.48	<=34.77	Pass
		25	0	22.65	3.00	23.50	<=34.77	Pass
	707.5	1	0	23.80	3.00	24.65	<=34.77	Pass
			13	23.80	3.00	24.65	<=34.77	Pass
			24	23.58	3.00	24.43	<=34.77	Pass
		12	0	22.60	3.00	23.45	<=34.77	Pass
			6	22.65	3.00	23.50	<=34.77	Pass
			13	22.52	3.00	23.37	<=34.77	Pass
		25	0	22.54	3.00	23.39	<=34.77	Pass
	713.5	1	0	23.48	3.00	24.33	<=34.77	Pass
			13	23.09	3.00	23.94	<=34.77	Pass
			24	22.77	3.00	23.62	<=34.77	Pass
		12	0	22.25	3.00	23.10	<=34.77	Pass
			6	22.01	3.00	22.86	<=34.77	Pass
			13	21.80	3.00	22.65	<=34.77	Pass
		25	0	22.04	3.00	22.89	<=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	24.53	3.00	25.38	<=34.77	Pass
			25	24.67	3.00	25.52	<=34.77	Pass
			49	24.18	3.00	25.03	<=34.77	Pass
		25	0	23.85	3.00	24.70	<=34.77	Pass
			13	23.77	3.00	24.62	<=34.77	Pass
			25	23.51	3.00	24.36	<=34.77	Pass
		50	0	23.72	3.00	24.57	<=34.77	Pass
	707.5	1	0	24.79	3.00	25.64	<=34.77	Pass
			25	24.52	3.00	25.37	<=34.77	Pass
			49	23.98	3.00	24.83	<=34.77	Pass
		25	0	23.75	3.00	24.60	<=34.77	Pass
			13	23.61	3.00	24.46	<=34.77	Pass
			25	23.49	3.00	24.34	<=34.77	Pass
		50	0	23.51	3.00	24.36	<=34.77	Pass

	711	1	0	24.62	3.00	25.47	<=34.77	Pass		
			25	24.48	3.00	25.33	<=34.77	Pass		
			49	23.60	3.00	24.45	<=34.77	Pass		
		25	0	23.73	3.00	24.58	<=34.77	Pass		
			13	23.53	3.00	24.38	<=34.77	Pass		
			25	23.10	3.00	23.95	<=34.77	Pass		
		50	0	23.50	3.00	24.35	<=34.77	Pass		
		16QAM	704	1	0	23.99	3.00	24.84	<=34.77	Pass
					25	24.20	3.00	25.05	<=34.77	Pass
49	23.79				3.00	24.64	<=34.77	Pass		
12	0			23.74	3.00	24.59	<=34.77	Pass		
	19			23.79	3.00	24.64	<=34.77	Pass		
	38			23.48	3.00	24.33	<=34.77	Pass		
27	0			22.80	3.00	23.65	<=34.77	Pass		
707.5	1			0	24.00	3.00	24.85	<=34.77	Pass	
				25	23.81	3.00	24.66	<=34.77	Pass	
			49	23.25	3.00	24.10	<=34.77	Pass		
	12		0	23.82	3.00	24.67	<=34.77	Pass		
			19	23.59	3.00	24.44	<=34.77	Pass		
			38	23.21	3.00	24.06	<=34.77	Pass		
	27		0	22.76	3.00	23.61	<=34.77	Pass		
	711		1	0	23.63	3.00	24.48	<=34.77	Pass	
				25	23.50	3.00	24.35	<=34.77	Pass	
49				22.65	3.00	23.50	<=34.77	Pass		
12			0	23.74	3.00	24.59	<=34.77	Pass		
			19	23.50	3.00	24.35	<=34.77	Pass		
			38	22.88	3.00	23.73	<=34.77	Pass		
27			23	22.13	3.00	22.98	<=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	-1.473	-0.0021	-2.5 to 2.5	Pass
					NV	-3.848	-0.0054	-2.5 to 2.5	Pass
					HV	-3.390	-0.0048	-2.5 to 2.5	Pass
				-30	NV	-3.920	-0.0055	-2.5 to 2.5	Pass
				-20	NV	-4.792	-0.0068	-2.5 to 2.5	Pass
				-10	NV	3.147	0.0044	-2.5 to 2.5	Pass
				0	NV	4.606	0.0065	-2.5 to 2.5	Pass
				10	NV	4.778	0.0068	-2.5 to 2.5	Pass
				30	NV	3.533	0.0050	-2.5 to 2.5	Pass
				40	NV	3.619	0.0051	-2.5 to 2.5	Pass
				50	NV	3.161	0.0045	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

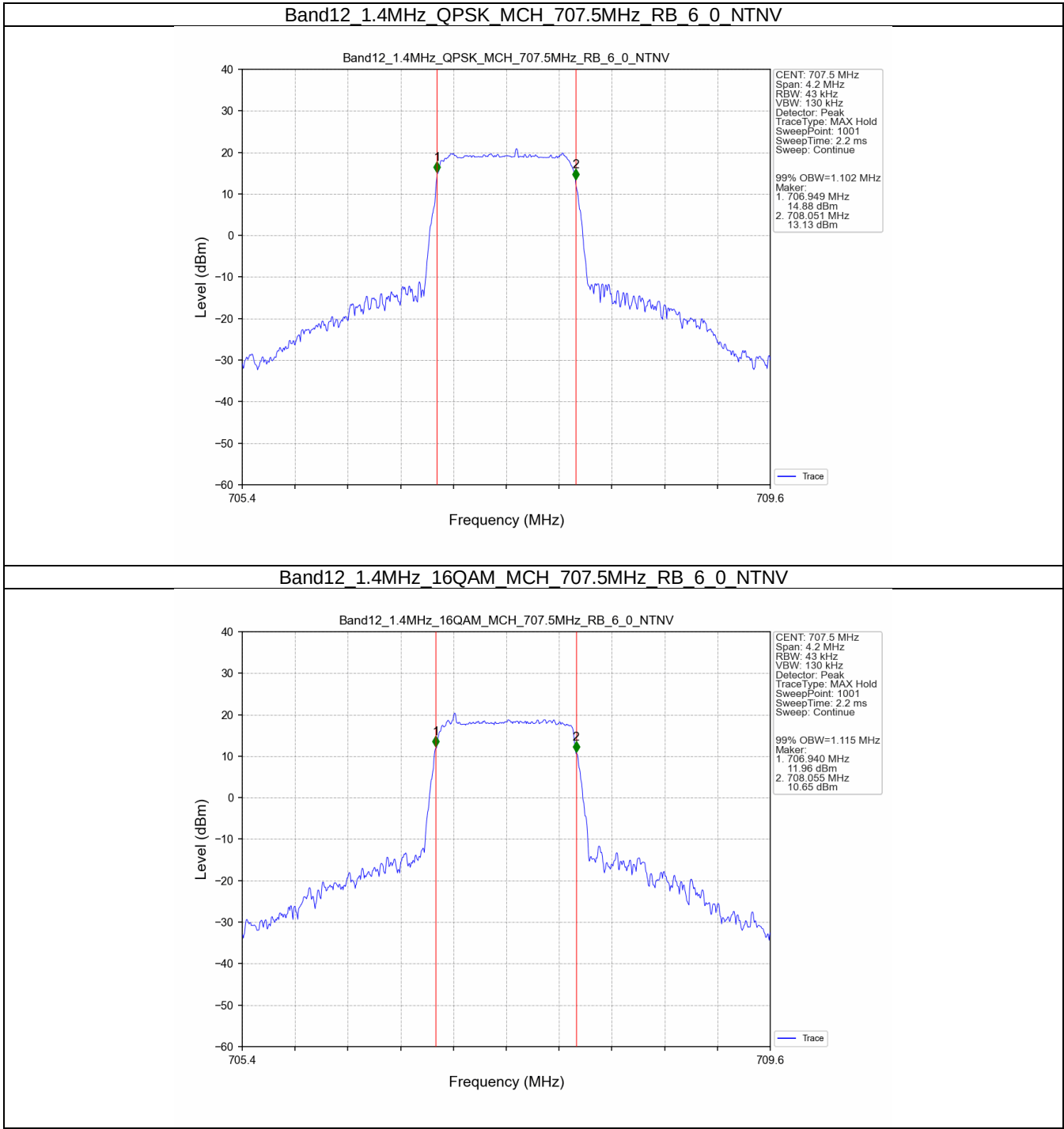
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.102	/	Pass
	16QAM	707.5	6	0	1.115	/	Pass
3	QPSK	707.5	15	0	2.713	/	Pass
	16QAM	707.5	15	0	2.715	/	Pass
5	QPSK	707.5	25	0	4.553	/	Pass
	16QAM	707.5	25	0	4.537	/	Pass
10	QPSK	707.5	50	0	9.055	/	Pass
	16QAM	707.5	27	0	5.083	/	Pass

3.1.2 Band12_XDB

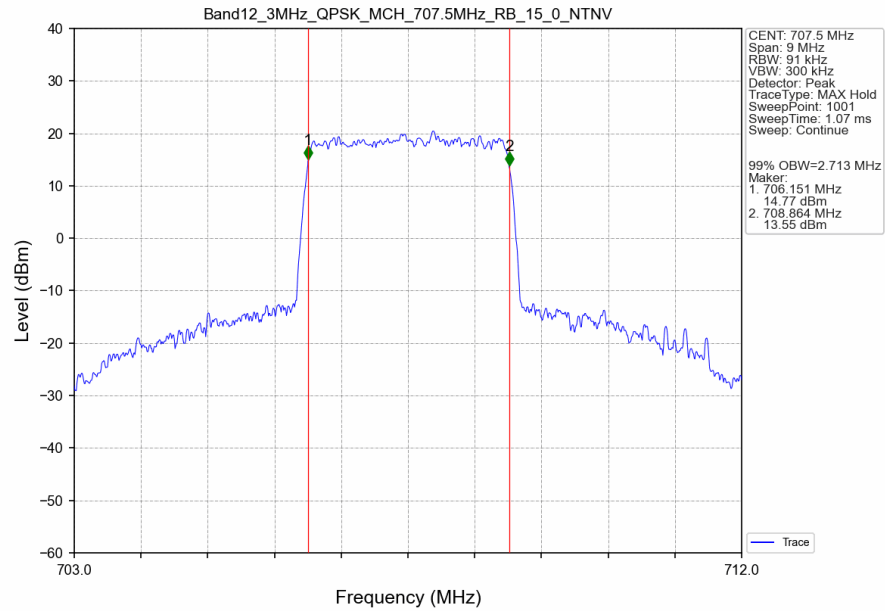
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.252	/	Pass
	16QAM	707.5	6	0	1.272	/	Pass
3	QPSK	707.5	15	0	2.967	/	Pass
	16QAM	707.5	15	0	2.966	/	Pass
5	QPSK	707.5	25	0	4.973	/	Pass
	16QAM	707.5	25	0	4.975	/	Pass
10	QPSK	707.5	50	0	9.966	/	Pass
	16QAM	707.5	27	0	5.943	/	Pass

3.2 Test Graph

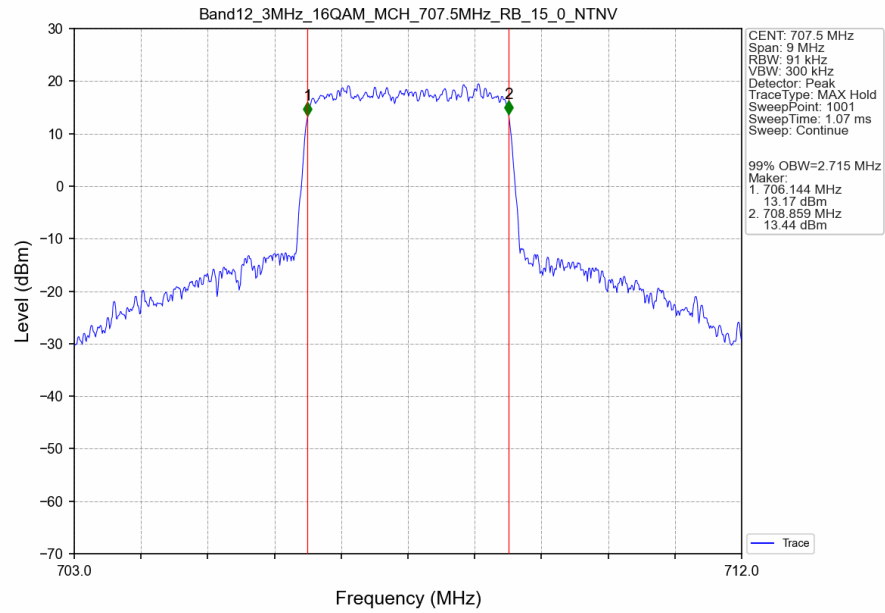
3.2.1 Band12_OBW



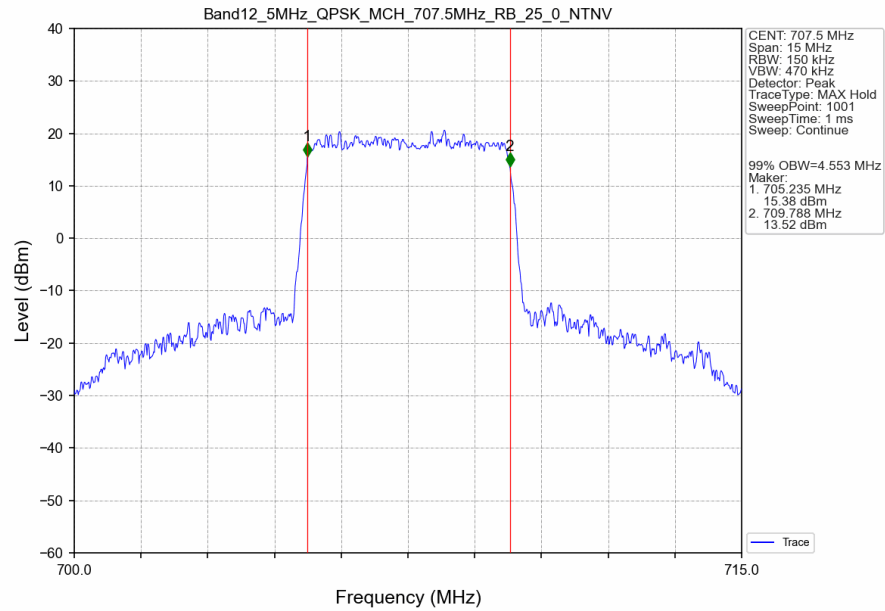
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTNV



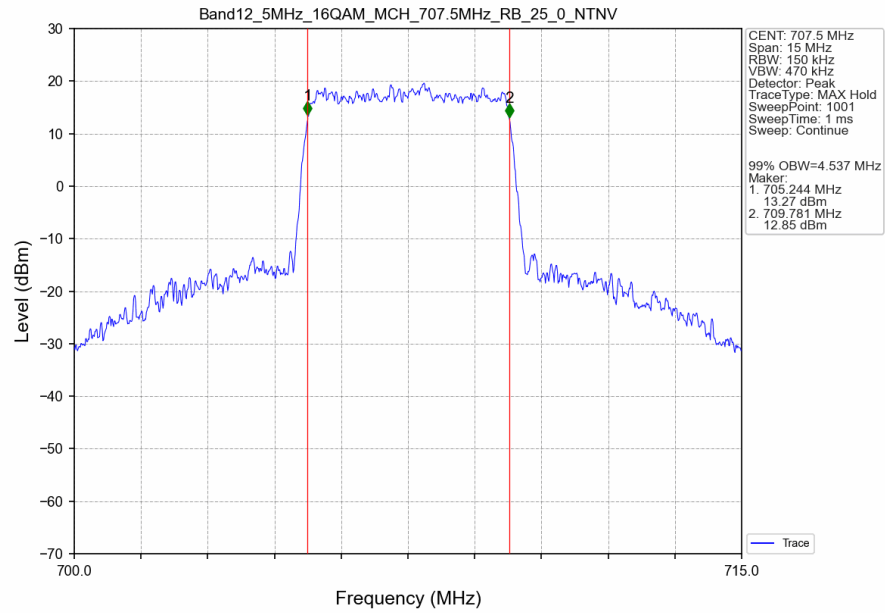
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



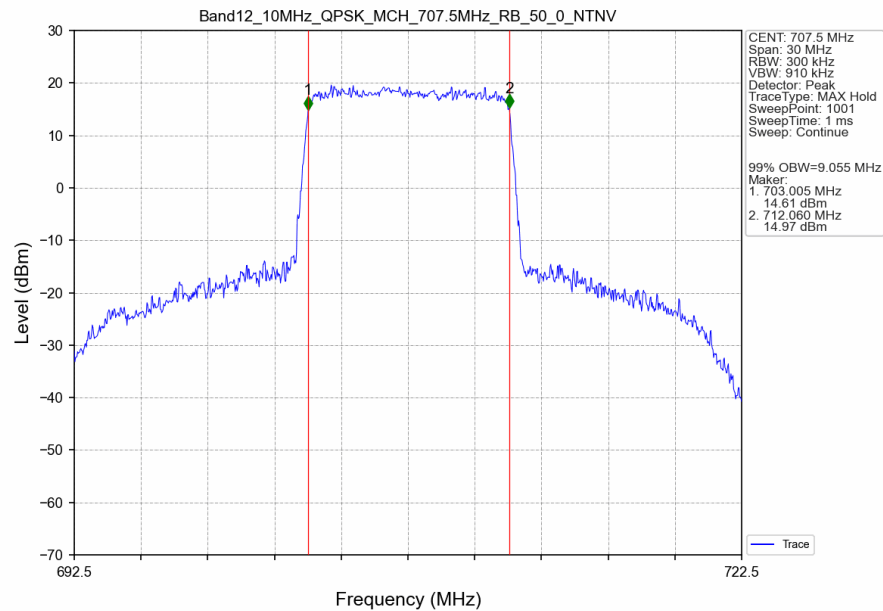
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



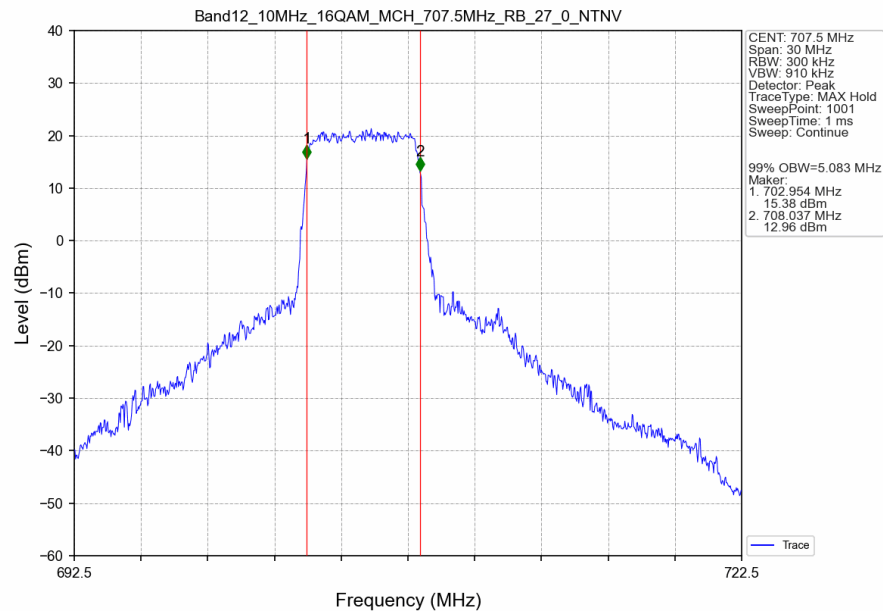
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



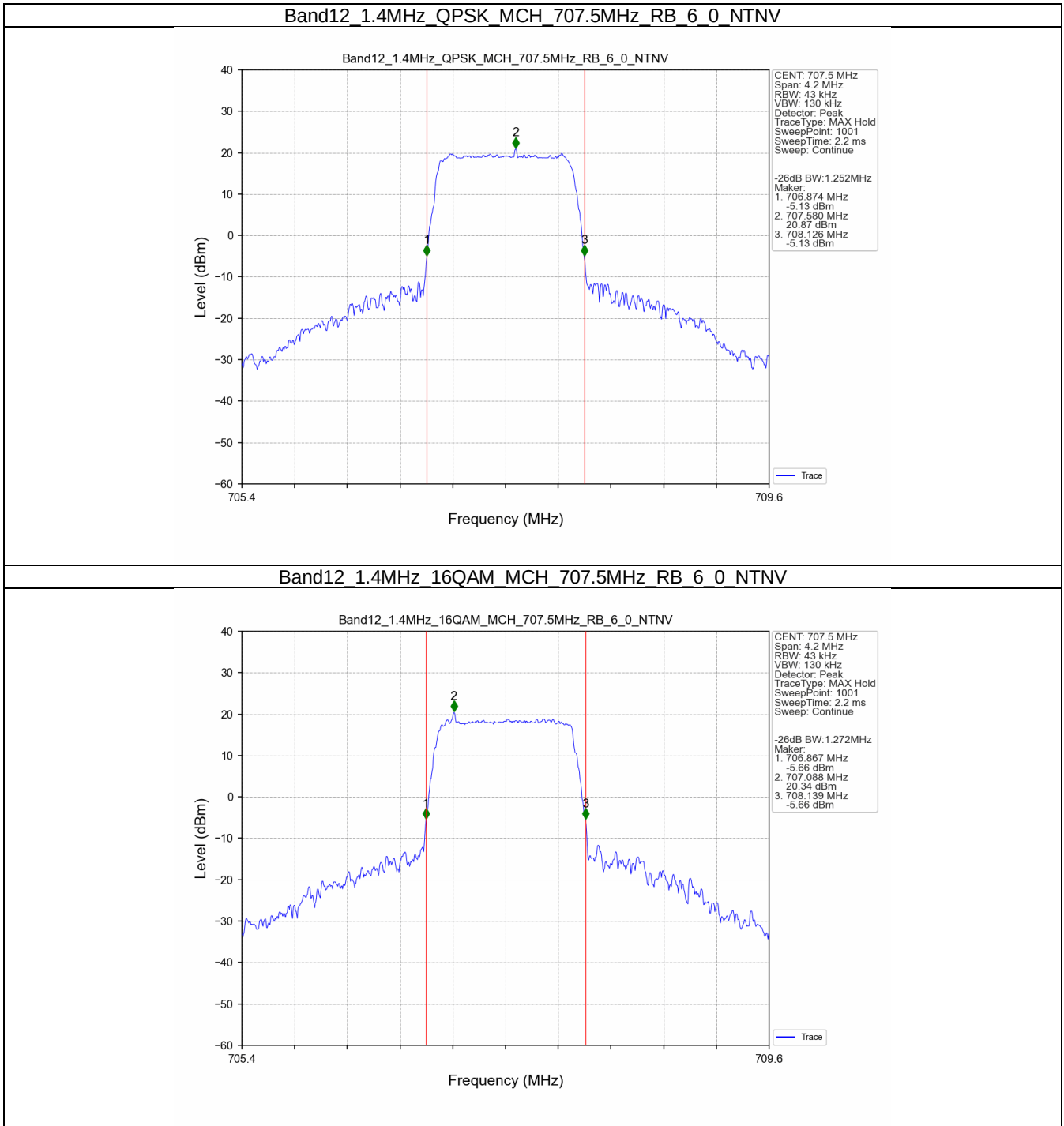
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTV



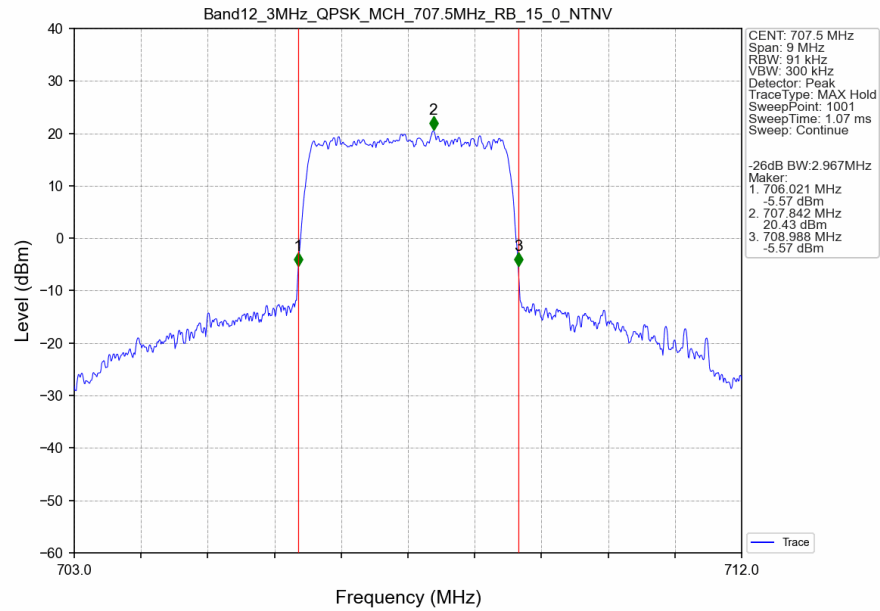
Band12 10MHz 16QAM MCH 707.5MHz RB 27 0 NTV



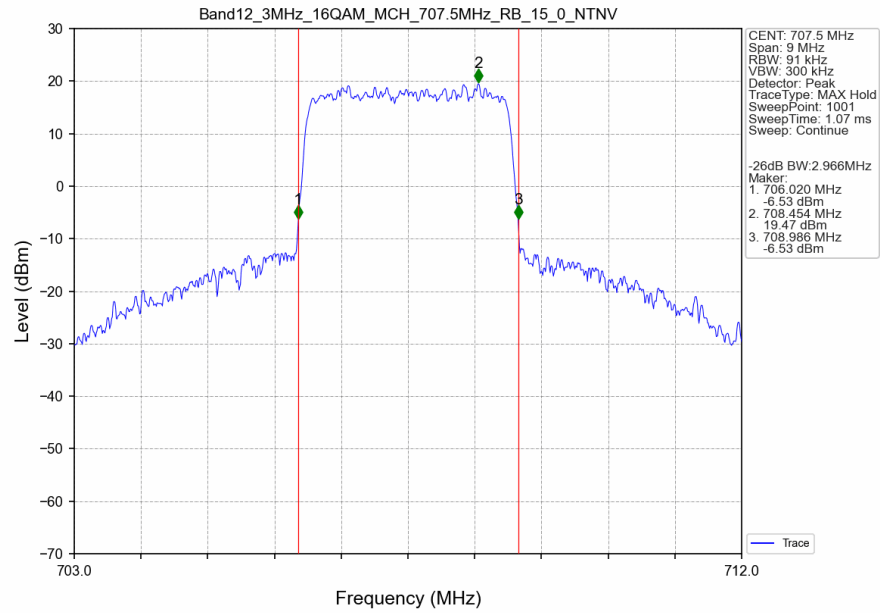
3.2.2 Band12_XDB



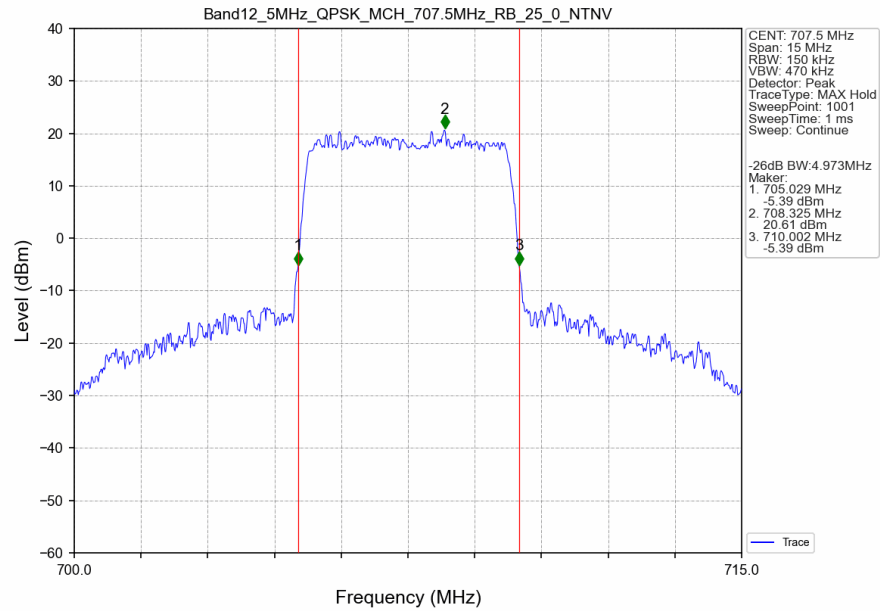
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTV



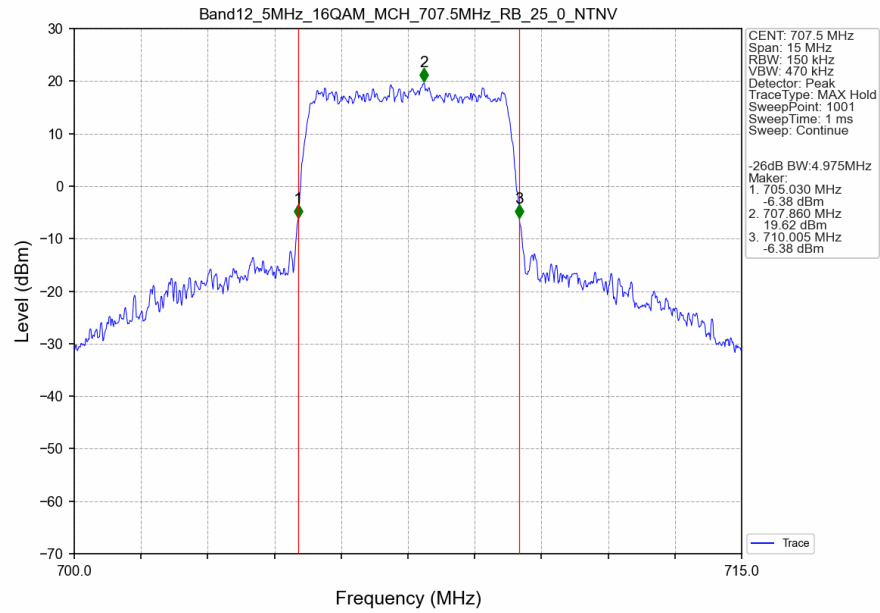
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



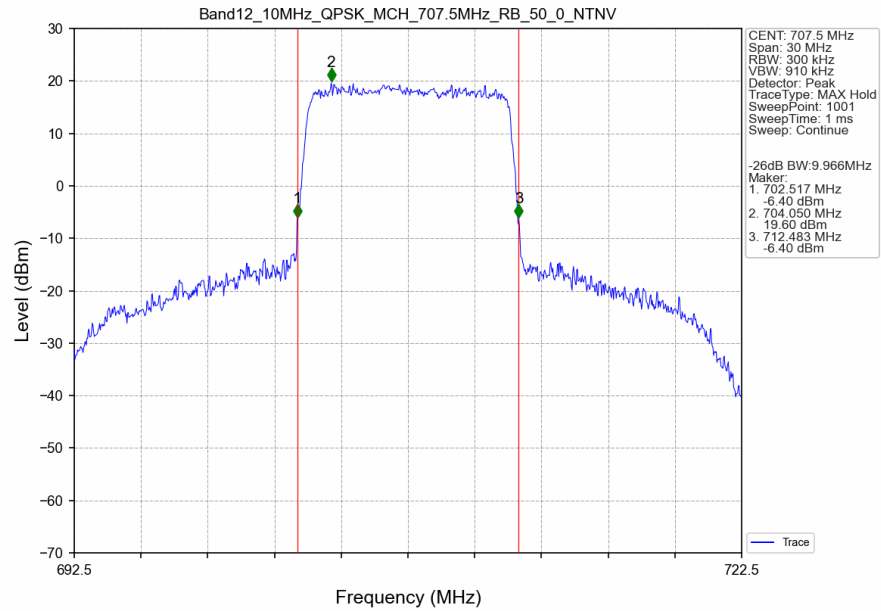
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTN



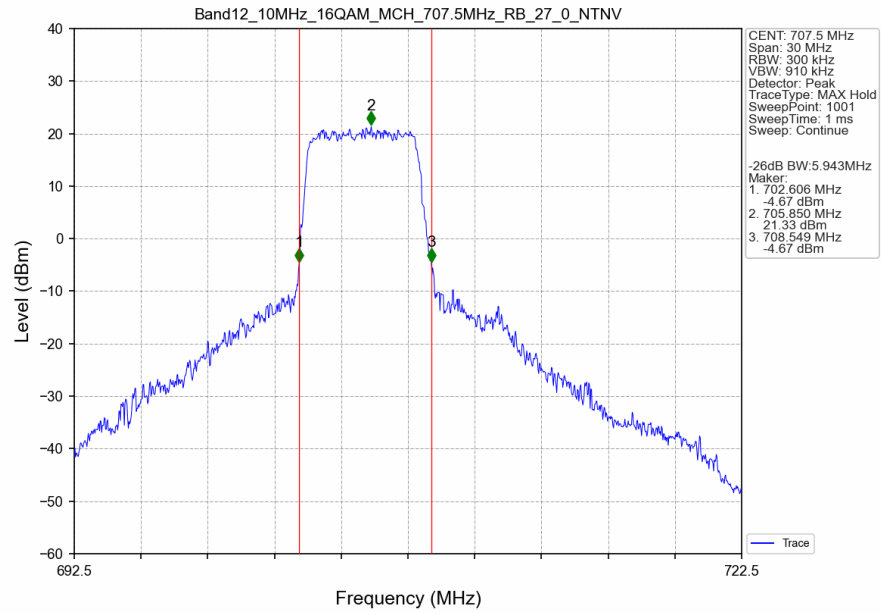
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTN



Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



Band12 10MHz 16QAM MCH 707.5MHz RB 27 0 NTN



4. Peak-Average Ratio

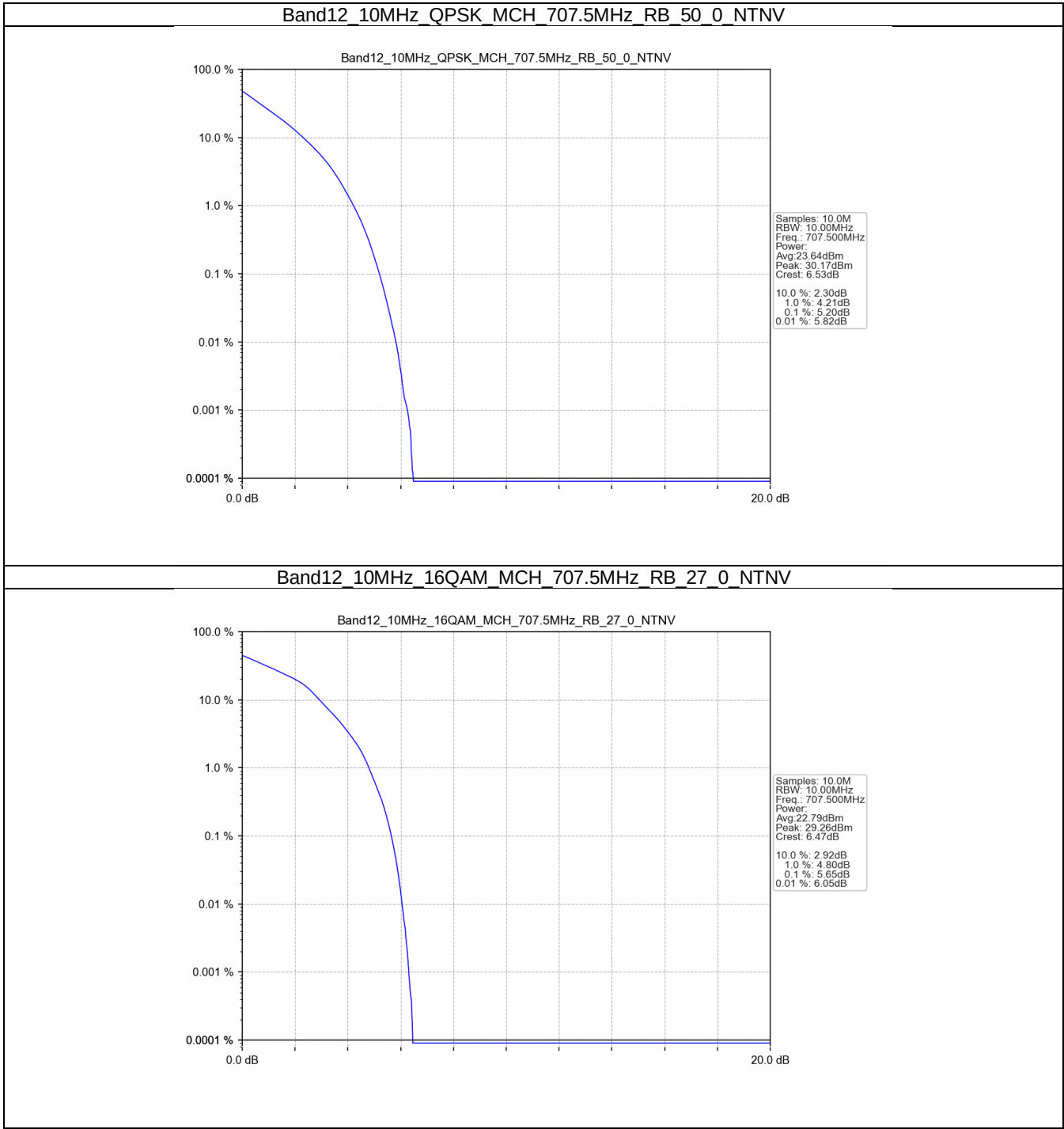
4.1 Test Result

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	5.20	<=13	Pass
16QAM	707.5	27	0	5.65	<=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		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B12_5MHz

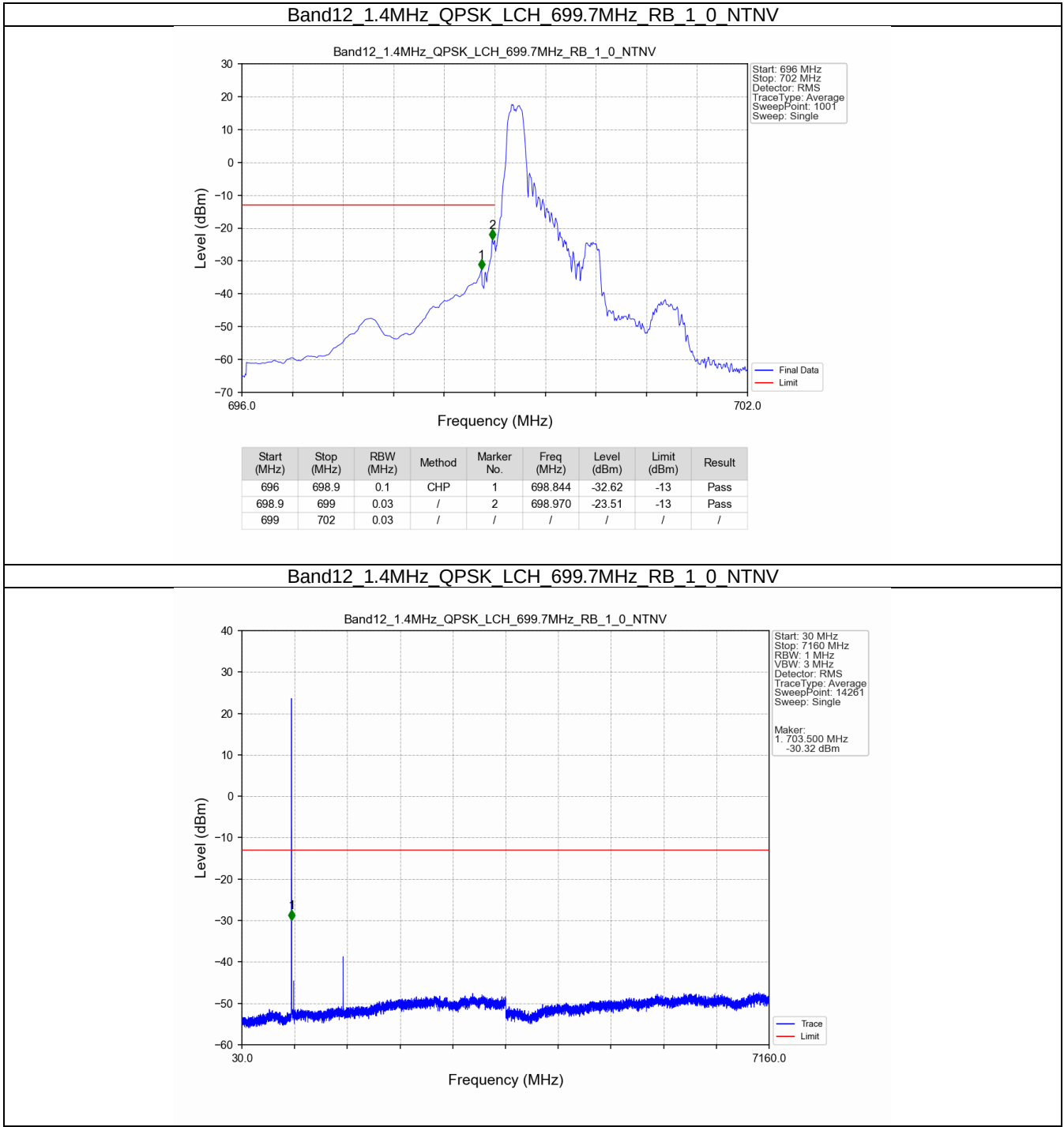
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B12_10MHz

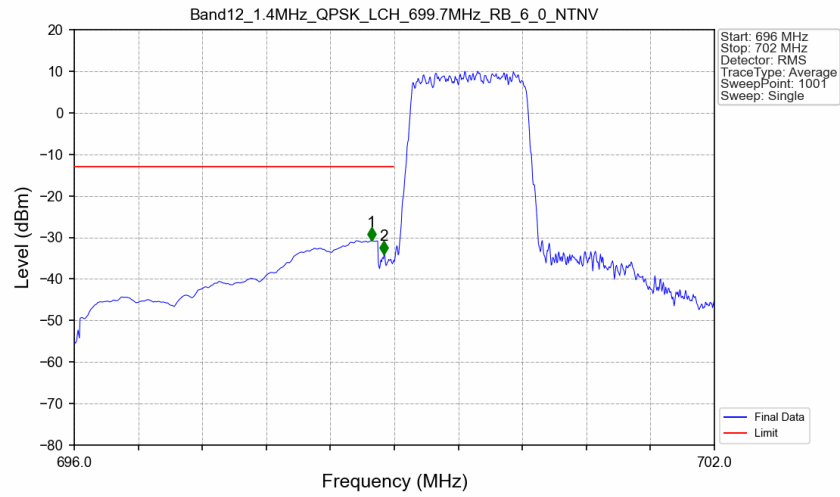
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B12_1.4MHz

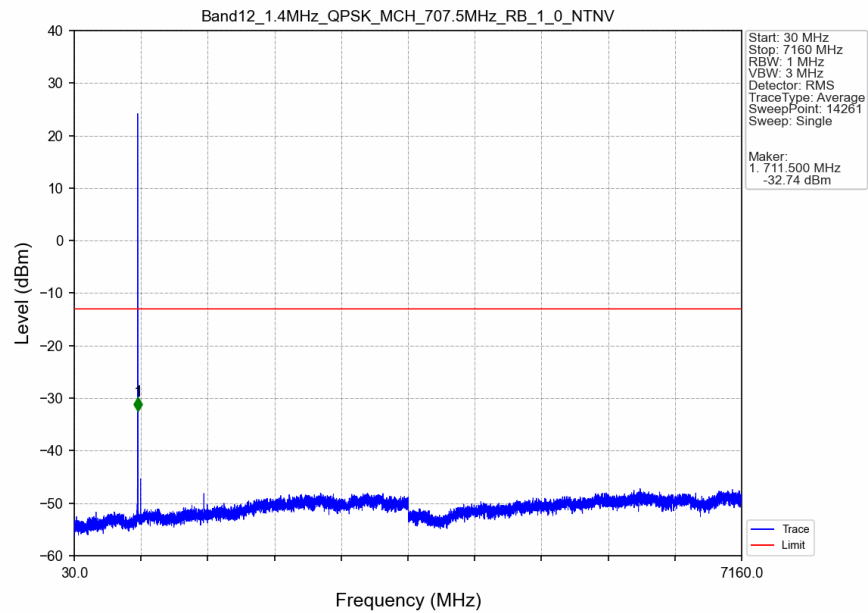


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTNV

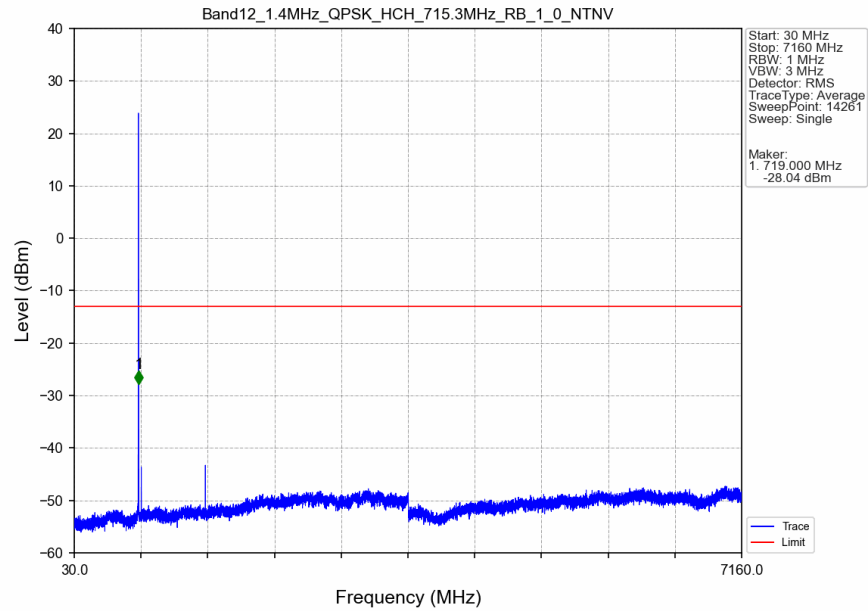


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.784	-30.77	-13	Pass
698.9	699	0.03	/	2	698.904	-33.98	-13	Pass
699	702	0.03	/	/	/	/	/	/

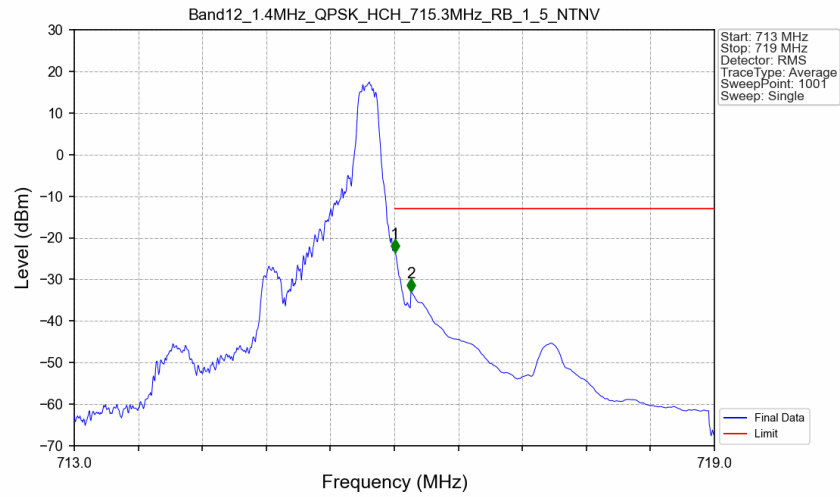
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTV

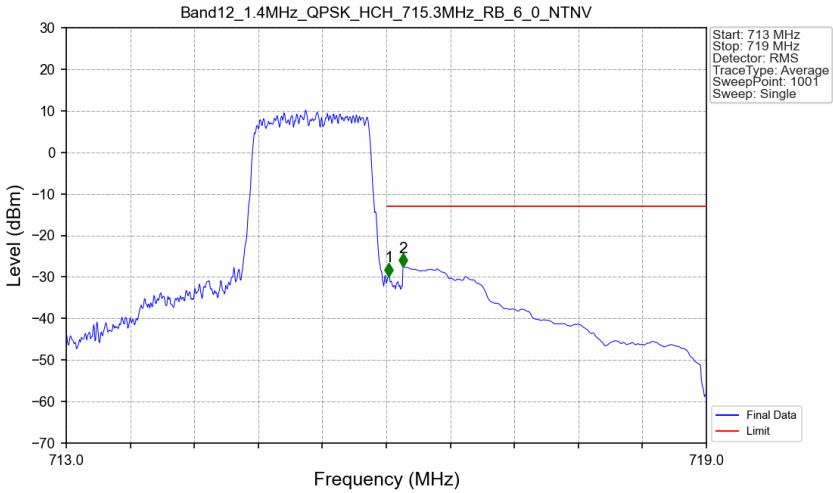


Band12 1.4MHz QPSK HCH 715.3MHz RB 1 5 NTV



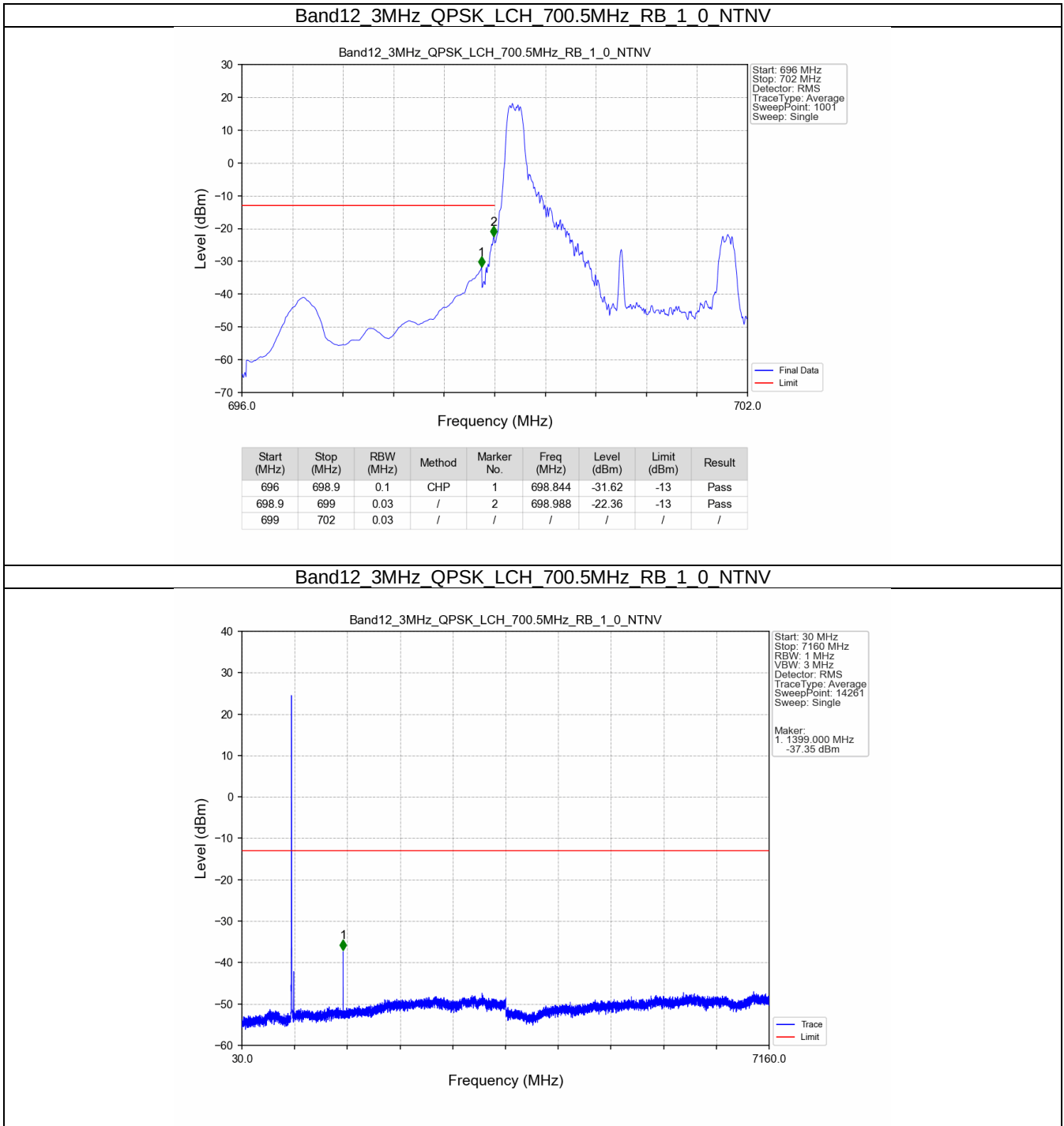
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-23.45	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.90	-13	Pass

Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTV

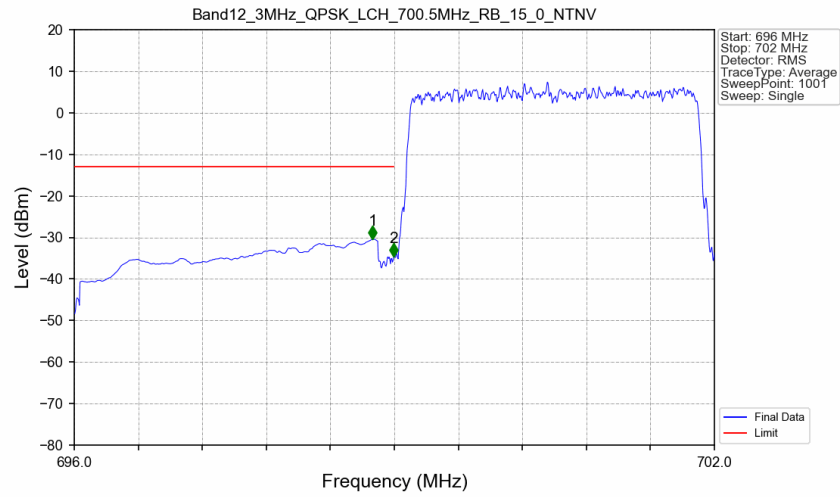


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-29.78	-13	Pass
716.1	719	0.1	CHP	2	716.156	-27.57	-13	Pass

5.2.2 B12_3MHz

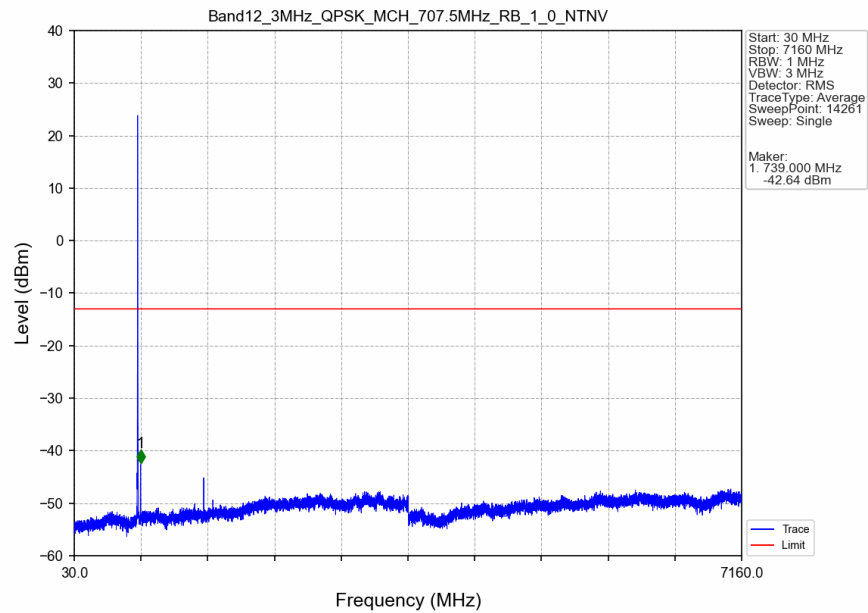


Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTNV

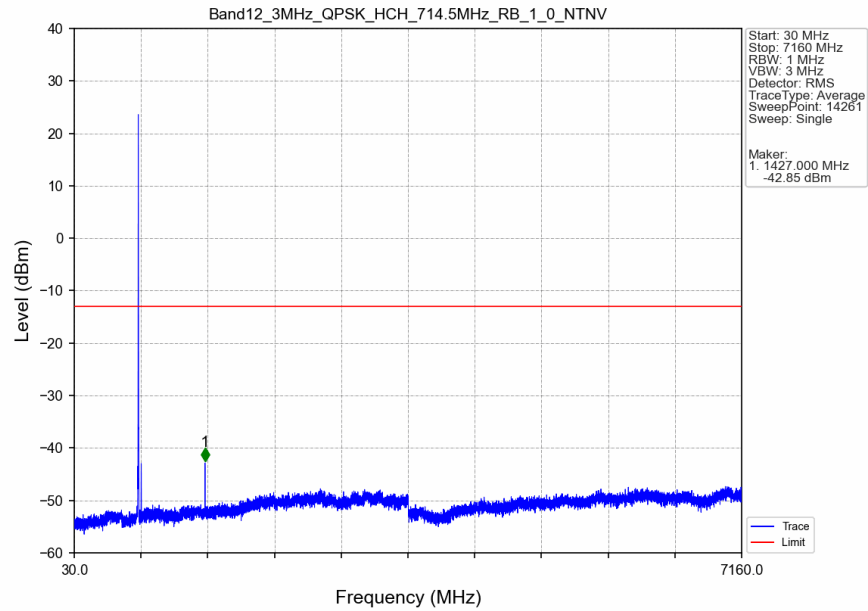


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.796	-30.46	-13	Pass
698.9	699	0.03	/	2	698.994	-34.55	-13	Pass
699	702	0.03	/	/	/	/	/	/

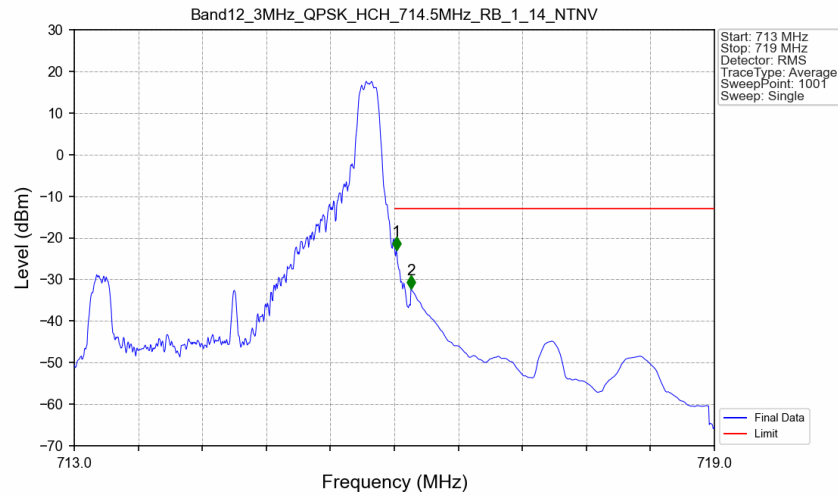
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

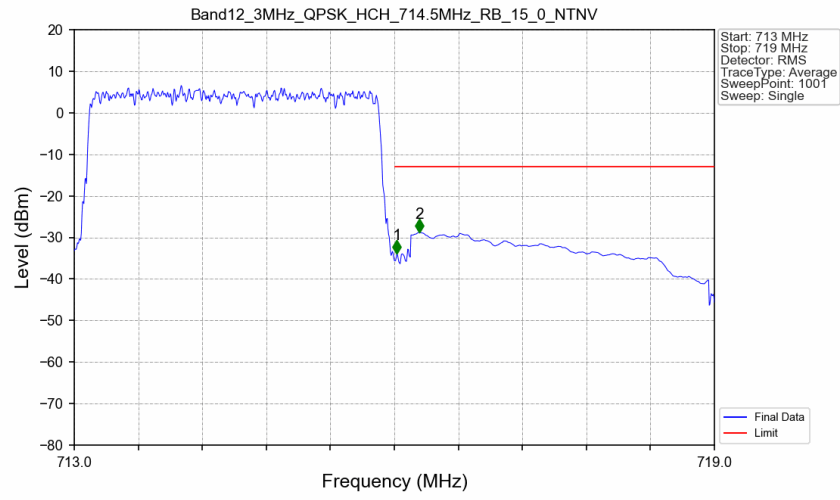


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



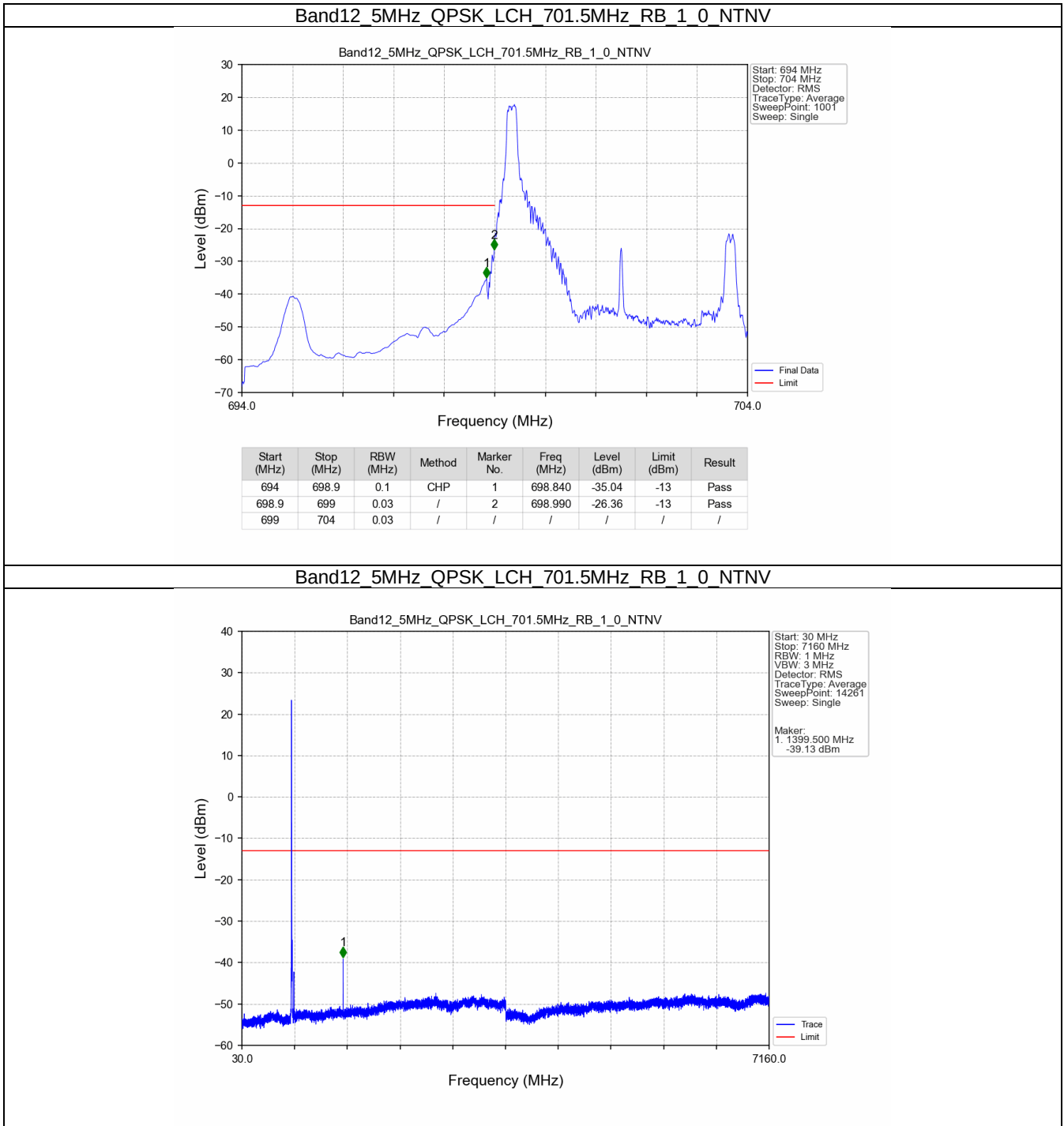
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-22.96	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.23	-13	Pass

Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTN

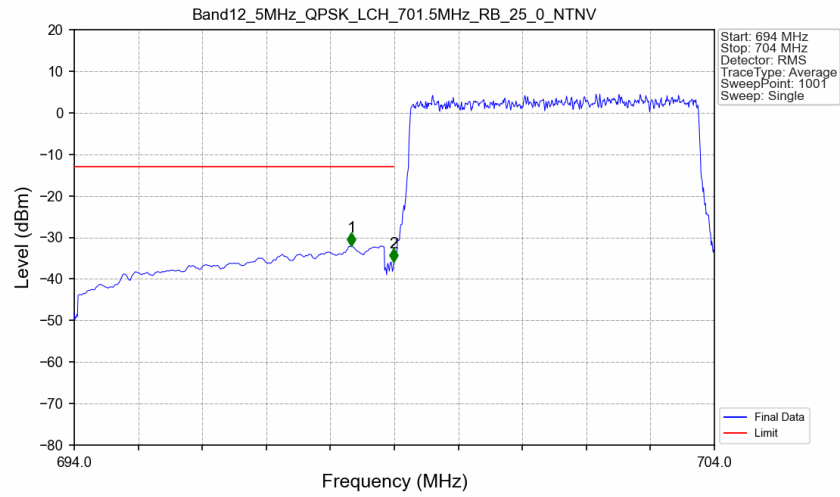


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-33.92	-13	Pass
716.1	719	0.1	CHP	2	716.234	-28.79	-13	Pass

5.2.3 B12_5MHz

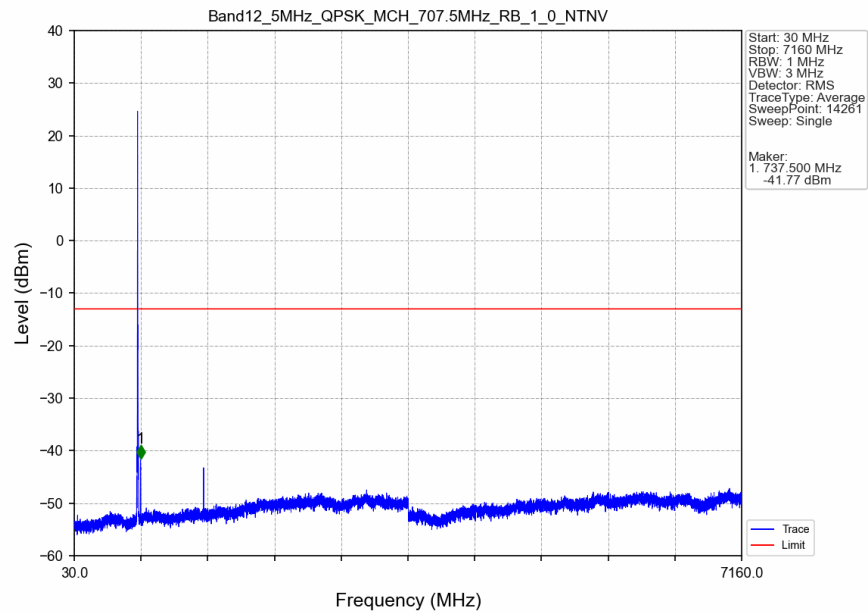


Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV

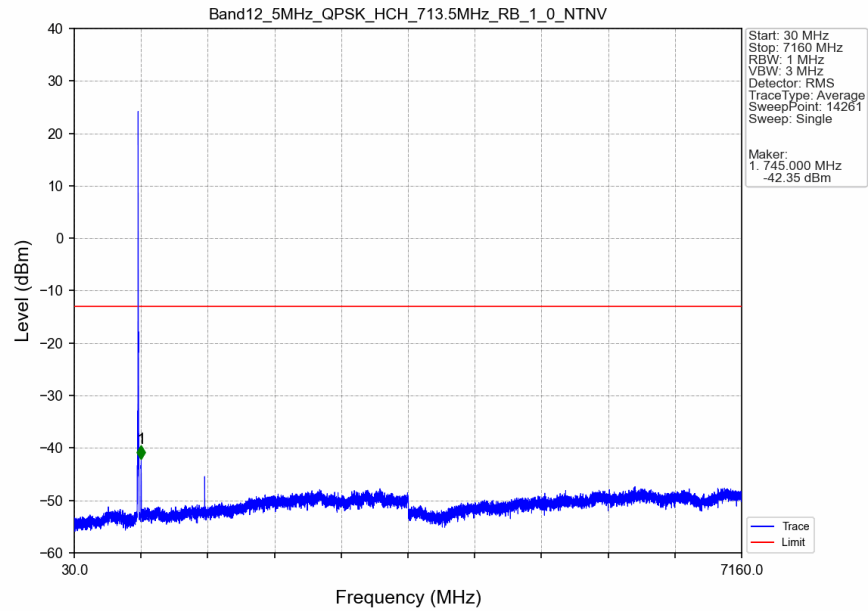


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.330	-32.04	-13	Pass
698.9	699	0.03	/	2	698.990	-35.85	-13	Pass
699	704	0.03	/	/	/	/	/	/

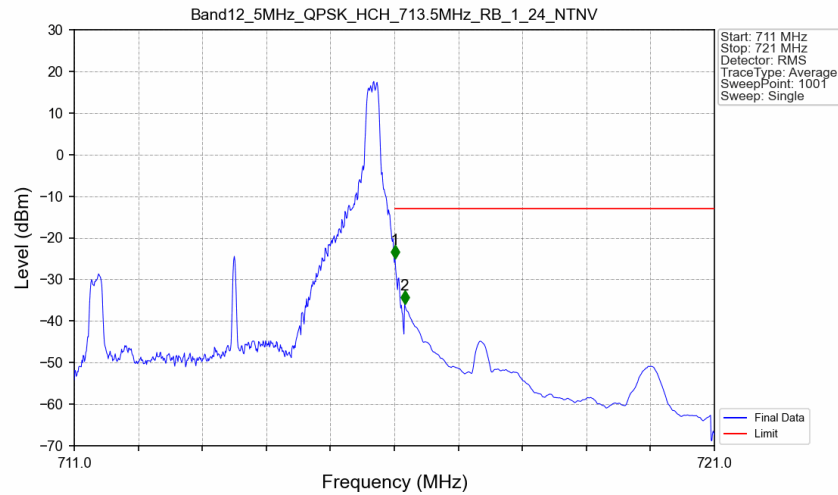
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTNV



Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTN

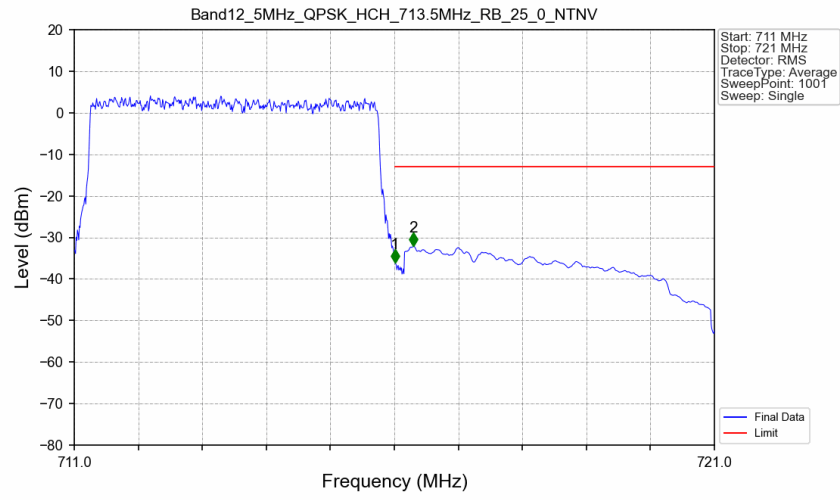


Band12 5MHz QPSK HCH 713.5MHz RB 1 24 NTN



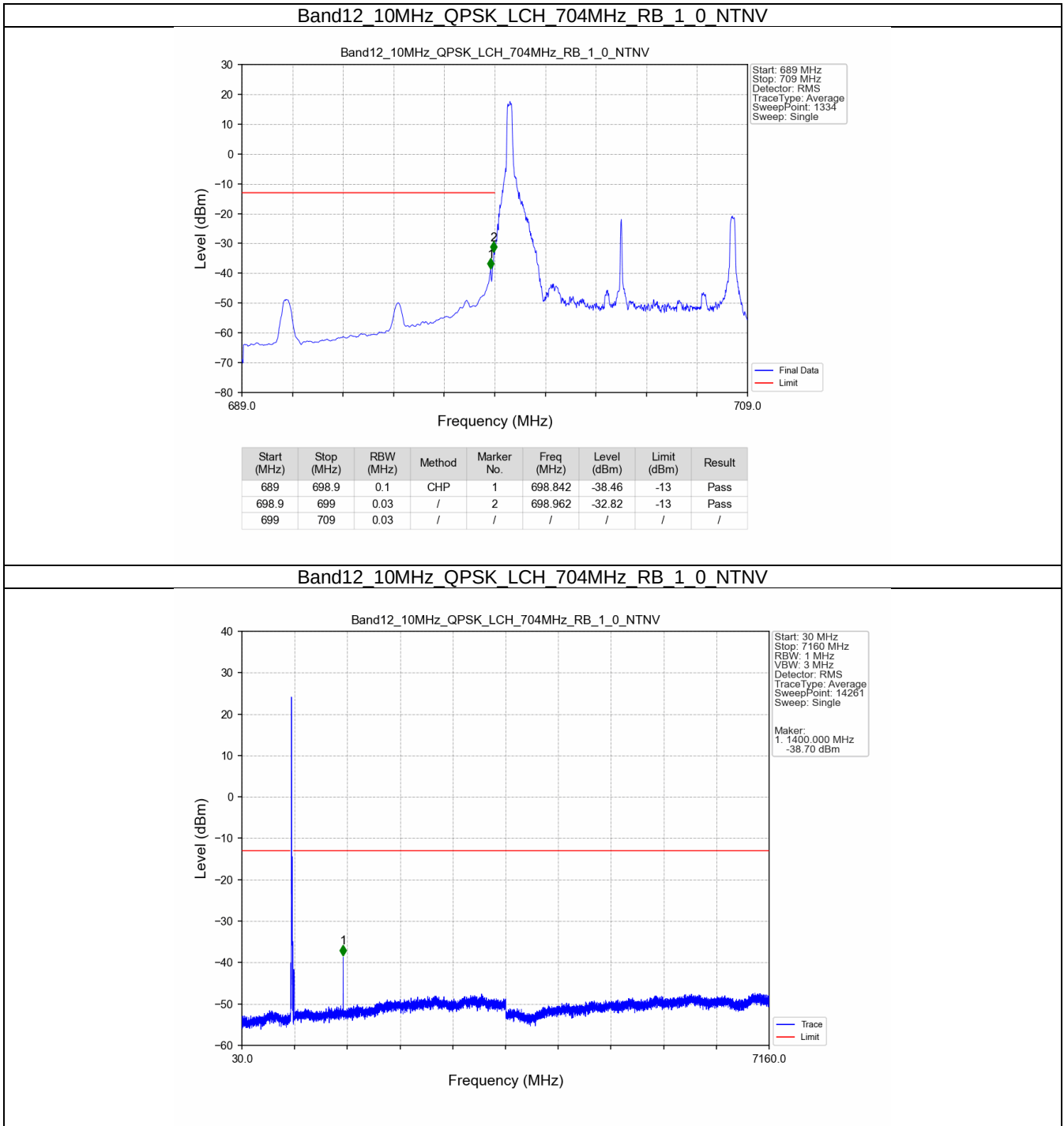
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-24.87	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.85	-13	Pass

Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV

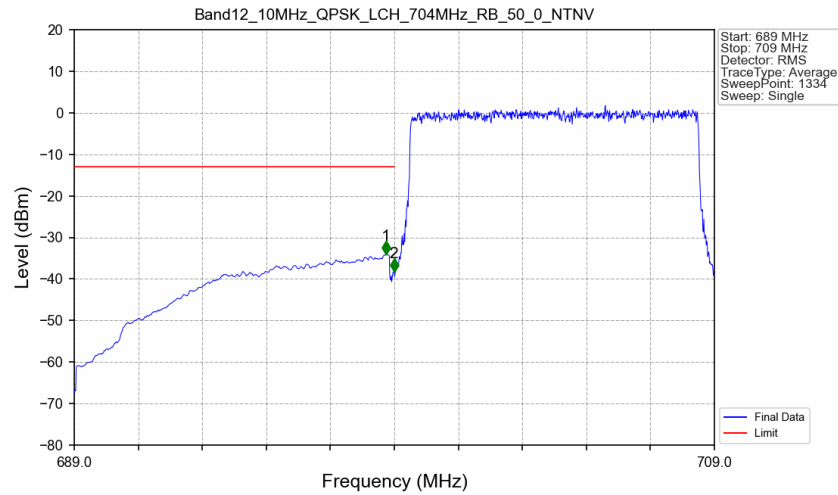


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-36.12	-13	Pass
716.1	721	0.1	CHP	2	716.300	-32.09	-13	Pass

5.2.4 B12_10MHz

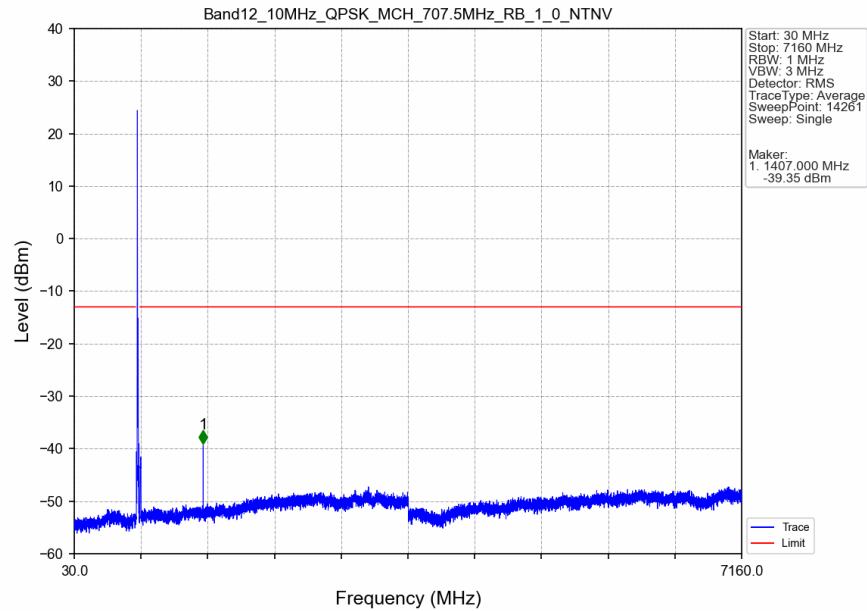


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

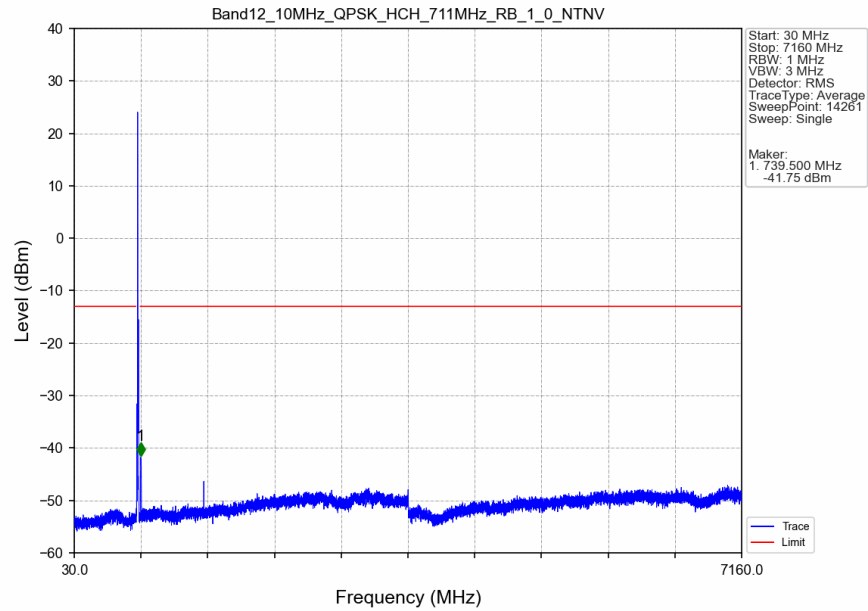


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.737	-34.07	-13	Pass
698.9	699	0.03	/	2	698.992	-38.24	-13	Pass
699	709	0.03	/	/	/	/	/	/

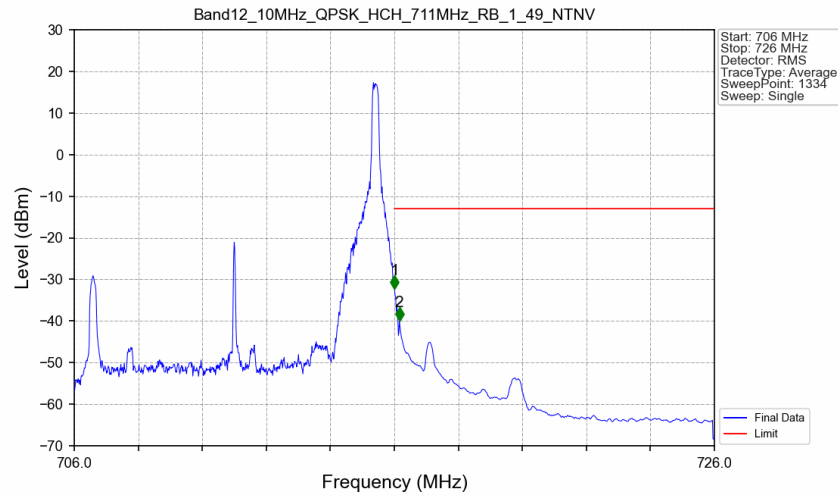
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12 10MHz QPSK HCH 711MHz RB 1 0 NTN

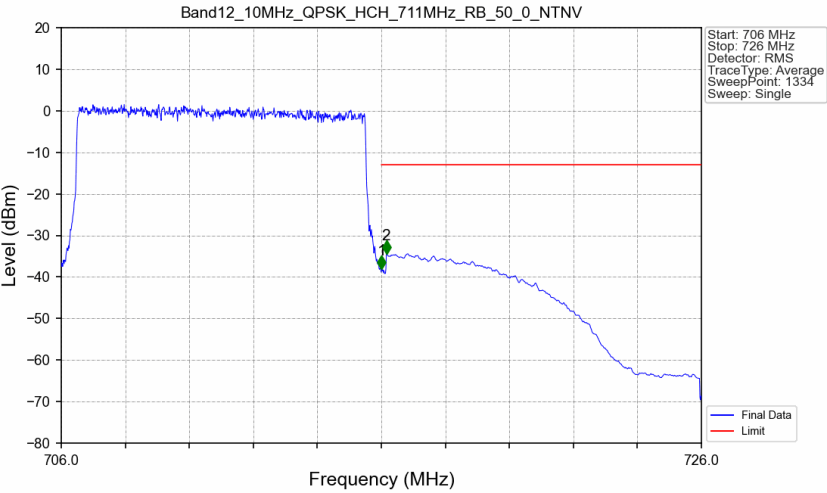


Band12 10MHz QPSK HCH 711MHz RB 1 49 NTN



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	-32.20	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.82	-13	Pass

Band12 10MHz QPSK HCH 711MHz RB 50 0 NTV



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	-38.02	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.38	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 12-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	-63.81	-13	-50.81	-66.58	2.47	5.24	Horizontal	Pass
2098.5	-62.29	-13	-49.29	-64.36	2.79	4.86	Horizontal	Pass
2798.0	-59.91	-13	-46.91	-63.27	3.12	6.48	Horizontal	Pass
1399.0	-64.05	-13	-51.05	-66.82	2.47	5.24	Vertical	Pass
2098.5	-63.08	-13	-50.08	-65.15	2.79	4.86	Vertical	Pass
2798.0	-59.99	-13	-46.99	-63.35	3.12	6.48	Vertical	Pass

LTE Band 12-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	-63.92	-13	-50.92	-66.72	2.48	5.28	Horizontal	Pass
2109.0	-63.0	-13	-50.0	-65.08	2.8	4.88	Horizontal	Pass
2812.0	-59.13	-13	-46.13	-62.52	3.12	6.51	Horizontal	Pass
1406.0	-63.87	-13	-50.87	-66.67	2.48	5.28	Vertical	Pass
2109.0	-61.1	-13	-48.1	-63.18	2.8	4.88	Vertical	Pass
2812.0	-59.43	-13	-46.43	-62.82	3.12	6.51	Vertical	Pass

LTE Band 12-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	-63.32	-13	-50.32	-66.16	2.49	5.33	Horizontal	Pass
2119.5	-62.91	-13	-49.91	-65.01	2.81	4.91	Horizontal	Pass
2826.0	-59.57	-13	-46.57	-62.98	3.13	6.54	Horizontal	Pass
1413.0	-64.31	-13	-51.31	-67.15	2.49	5.33	Vertical	Pass
2119.5	-63.67	-13	-50.67	-65.77	2.81	4.91	Vertical	Pass
2826.0	-59.61	-13	-46.61	-63.02	3.13	6.54	Vertical	Pass