

1.1.1 B12_1.4MHz_ERP

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	700.5	1	0	22.35	-1.11	19.09	<=34.77	Pass		
			7	22.35	-1.11	19.09	<=34.77	Pass		
			14	22.18	-1.11	18.92	<=34.77	Pass		
		8	0	21.31	-1.11	18.05	<=34.77	Pass		
			4	21.38	-1.11	18.12	<=34.77	Pass		
			7	21.35	-1.11	18.09	<=34.77	Pass		
		15	0	21.38	-1.11	18.12	<=34.77	Pass		
		707.5	1	0	22.22	-1.11	18.96	<=34.77	Pass	
				7	22.12	-1.11	18.86	<=34.77	Pass	
	14			22.15	-1.11	18.89	<=34.77	Pass		
	8		0	21.28	-1.11	18.02	<=34.77	Pass		
			4	21.29	-1.11	18.03	<=34.77	Pass		
			7	21.27	-1.11	18.01	<=34.77	Pass		
	15	0	21.32	-1.11	18.06	<=34.77	Pass			
	714.5	1	0	22.35	-1.11	19.09	<=34.77	Pass		
			7	22.25	-1.11	18.99	<=34.77	Pass		
			14	22.22	-1.11	18.96	<=34.77	Pass		
		8	0	21.23	-1.11	17.97	<=34.77	Pass		
			4	21.26	-1.11	18.00	<=34.77	Pass		
			7	21.26	-1.11	18.00	<=34.77	Pass		
		15	0	21.31	-1.11	18.05	<=34.77	Pass		
		16QAM	700.5	1	0	21.83	-1.11	18.57	<=34.77	Pass
					7	21.90	-1.11	18.64	<=34.77	Pass
	14				21.92	-1.11	18.66	<=34.77	Pass	
8	0			20.51	-1.11	17.25	<=34.77	Pass		
	4			20.59	-1.11	17.33	<=34.77	Pass		
	7			20.45	-1.11	17.19	<=34.77	Pass		
15	0			20.49	-1.11	17.23	<=34.77	Pass		
707.5	1			0	21.38	-1.11	18.12	<=34.77	Pass	
				7	21.41	-1.11	18.15	<=34.77	Pass	
			14	21.43	-1.11	18.17	<=34.77	Pass		
	8		0	20.34	-1.11	17.08	<=34.77	Pass		
			4	20.28	-1.11	17.02	<=34.77	Pass		
			7	20.28	-1.11	17.02	<=34.77	Pass		
15	0		20.26	-1.11	17.00	<=34.77	Pass			
714.5	1		0	21.36	-1.11	18.10	<=34.77	Pass		
			7	21.32	-1.11	18.06	<=34.77	Pass		
			14	21.22	-1.11	17.96	<=34.77	Pass		
	8		0	20.24	-1.11	16.98	<=34.77	Pass		
			4	20.36	-1.11	17.10	<=34.77	Pass		
			7	20.30	-1.11	17.04	<=34.77	Pass		
	15		0	20.34	-1.11	17.08	<=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	22.47	-1.11	19.21	<=34.77	Pass		
			13	22.50	-1.11	19.24	<=34.77	Pass		
			24	22.26	-1.11	19.00	<=34.77	Pass		
		12	0	21.39	-1.11	18.13	<=34.77	Pass		
			6	21.39	-1.11	18.13	<=34.77	Pass		
			13	21.38	-1.11	18.12	<=34.77	Pass		
		25	0	21.35	-1.11	18.09	<=34.77	Pass		
		707.5	1	0	22.30	-1.11	19.04	<=34.77	Pass	
				13	22.16	-1.11	18.90	<=34.77	Pass	
	24			22.15	-1.11	18.89	<=34.77	Pass		
	12		0	21.33	-1.11	18.07	<=34.77	Pass		
			6	21.28	-1.11	18.02	<=34.77	Pass		
			13	21.35	-1.11	18.09	<=34.77	Pass		
	25	0	21.33	-1.11	18.07	<=34.77	Pass			
	713.5	1	0	22.44	-1.11	19.18	<=34.77	Pass		
			13	22.20	-1.11	18.94	<=34.77	Pass		
			24	22.04	-1.11	18.78	<=34.77	Pass		
		12	0	21.31	-1.11	18.05	<=34.77	Pass		
			6	21.25	-1.11	17.99	<=34.77	Pass		
			13	21.32	-1.11	18.06	<=34.77	Pass		
		25	0	21.31	-1.11	18.05	<=34.77	Pass		
		16QAM	701.5	1	0	21.28	-1.11	18.02	<=34.77	Pass
					13	21.34	-1.11	18.08	<=34.77	Pass
	24				21.14	-1.11	17.88	<=34.77	Pass	
12	0			20.42	-1.11	17.16	<=34.77	Pass		
	6			20.38	-1.11	17.12	<=34.77	Pass		
	13			20.35	-1.11	17.09	<=34.77	Pass		
25	0			20.44	-1.11	17.18	<=34.77	Pass		
707.5	1		0	21.62	-1.11	18.36	<=34.77	Pass		
			13	21.53	-1.11	18.27	<=34.77	Pass		
			24	21.39	-1.11	18.13	<=34.77	Pass		
	12		0	20.41	-1.11	17.15	<=34.77	Pass		
			6	20.44	-1.11	17.18	<=34.77	Pass		
			13	20.39	-1.11	17.13	<=34.77	Pass		
25	0		20.34	-1.11	17.08	<=34.77	Pass			
713.5	1		0	21.45	-1.11	18.19	<=34.77	Pass		
			13	21.26	-1.11	18.00	<=34.77	Pass		
			24	21.19	-1.11	17.93	<=34.77	Pass		
	12		0	20.31	-1.11	17.05	<=34.77	Pass		
			6	20.25	-1.11	16.99	<=34.77	Pass		
			13	20.31	-1.11	17.05	<=34.77	Pass		
	25		0	20.26	-1.11	17.00	<=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	22.83	-1.11	19.57	<=34.77	Pass		
			25	22.53	-1.11	19.27	<=34.77	Pass		
			49	22.30	-1.11	19.04	<=34.77	Pass		
		25	0	21.47	-1.11	18.21	<=34.77	Pass		
			13	21.43	-1.11	18.17	<=34.77	Pass		
			25	21.27	-1.11	18.01	<=34.77	Pass		
		50	0	21.42	-1.11	18.16	<=34.77	Pass		
		707.5	1	0	22.68	-1.11	19.42	<=34.77	Pass	
				25	22.36	-1.11	19.10	<=34.77	Pass	
	49			22.22	-1.11	18.96	<=34.77	Pass		
	25		0	21.43	-1.11	18.17	<=34.77	Pass		
			13	21.38	-1.11	18.12	<=34.77	Pass		
			25	21.29	-1.11	18.03	<=34.77	Pass		
	50	0	21.31	-1.11	18.05	<=34.77	Pass			
	711	1	0	22.54	-1.11	19.28	<=34.77	Pass		
			25	22.28	-1.11	19.02	<=34.77	Pass		
			49	22.15	-1.11	18.89	<=34.77	Pass		
		25	0	21.31	-1.11	18.05	<=34.77	Pass		
			13	21.36	-1.11	18.10	<=34.77	Pass		
			25	21.24	-1.11	17.98	<=34.77	Pass		
		50	0	21.32	-1.11	18.06	<=34.77	Pass		
		16QAM	704	1	0	22.27	-1.11	19.01	<=34.77	Pass
					25	21.91	-1.11	18.65	<=34.77	Pass
	49				21.87	-1.11	18.61	<=34.77	Pass	
	25			0	20.58	-1.11	17.32	<=34.77	Pass	
				13	20.48	-1.11	17.22	<=34.77	Pass	
				25	20.38	-1.11	17.12	<=34.77	Pass	
50	0			20.43	-1.11	17.17	<=34.77	Pass		
707.5	1			0	21.92	-1.11	18.66	<=34.77	Pass	
				25	21.41	-1.11	18.15	<=34.77	Pass	
			49	21.59	-1.11	18.33	<=34.77	Pass		
	25		0	20.51	-1.11	17.25	<=34.77	Pass		
			13	20.43	-1.11	17.17	<=34.77	Pass		
			25	20.27	-1.11	17.01	<=34.77	Pass		
50	0		20.37	-1.11	17.11	<=34.77	Pass			
711	1		0	21.76	-1.11	18.50	<=34.77	Pass		
			25	21.46	-1.11	18.20	<=34.77	Pass		
			49	21.27	-1.11	18.01	<=34.77	Pass		
	25		0	20.40	-1.11	17.14	<=34.77	Pass		
			13	20.45	-1.11	17.19	<=34.77	Pass		
			25	20.45	-1.11	17.19	<=34.77	Pass		
	50		0	20.29	-1.11	17.03	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	707.5	50	0	20	3.27	-0.187	-0.0003	-2.5 to 2.5	Pass
					3.85	0.650	0.0009	-2.5 to 2.5	Pass
					4.43	0.983	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.203	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.126	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.208	0.0031	-2.5 to 2.5	Pass
				0	3.85	0.342	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.342	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.788	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.334	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.230	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

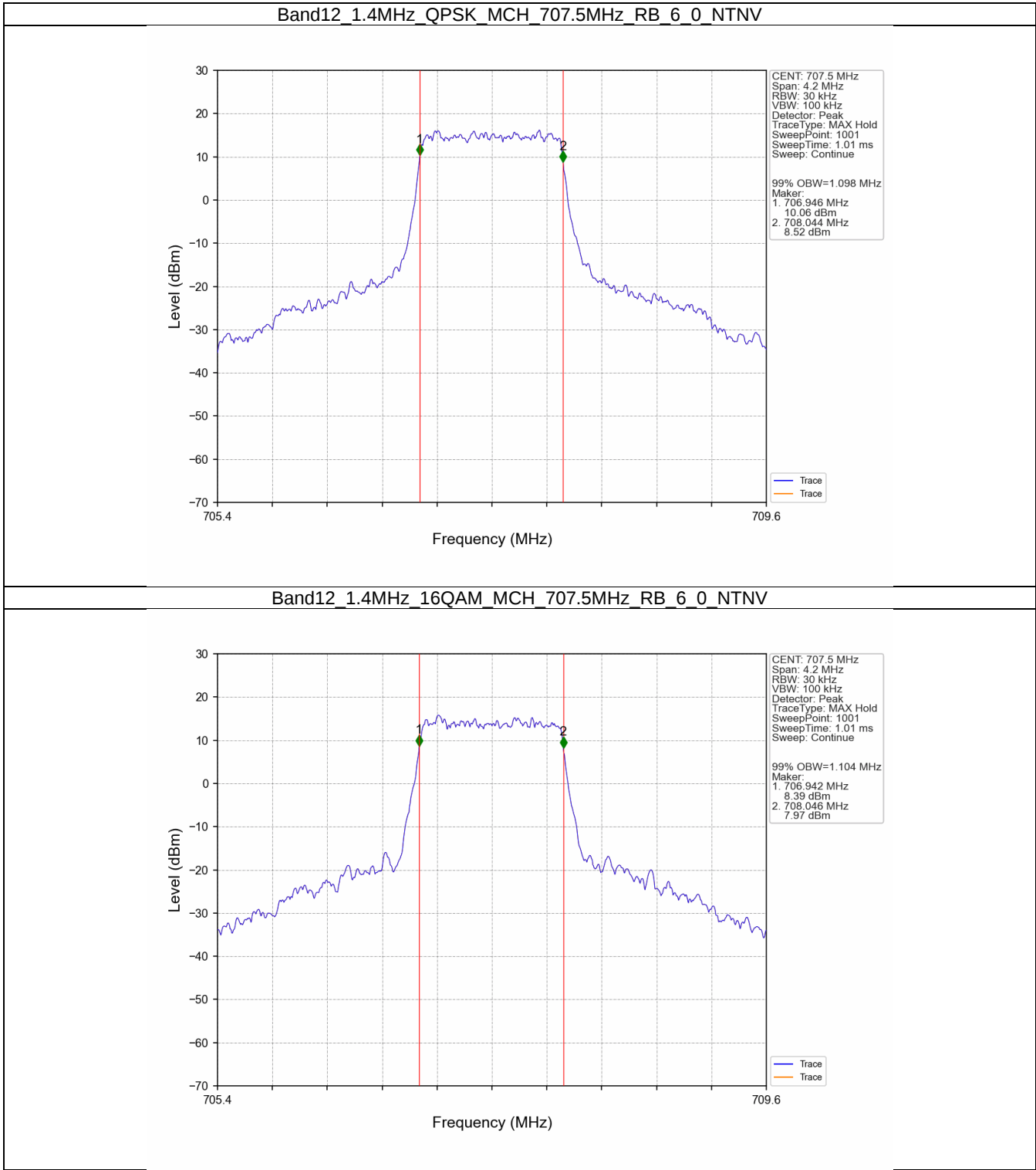
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.098	/	Pass
	16QAM	707.5	6	0	1.104	/	Pass
3	QPSK	707.5	15	0	2.748	/	Pass
	16QAM	707.5	15	0	2.772	/	Pass
5	QPSK	707.5	25	0	4.543	/	Pass
	16QAM	707.5	25	0	4.524	/	Pass
10	QPSK	707.5	50	0	9.030	/	Pass
	16QAM	707.5	50	0	9.010	/	Pass

3.1.2 Band12_XDB

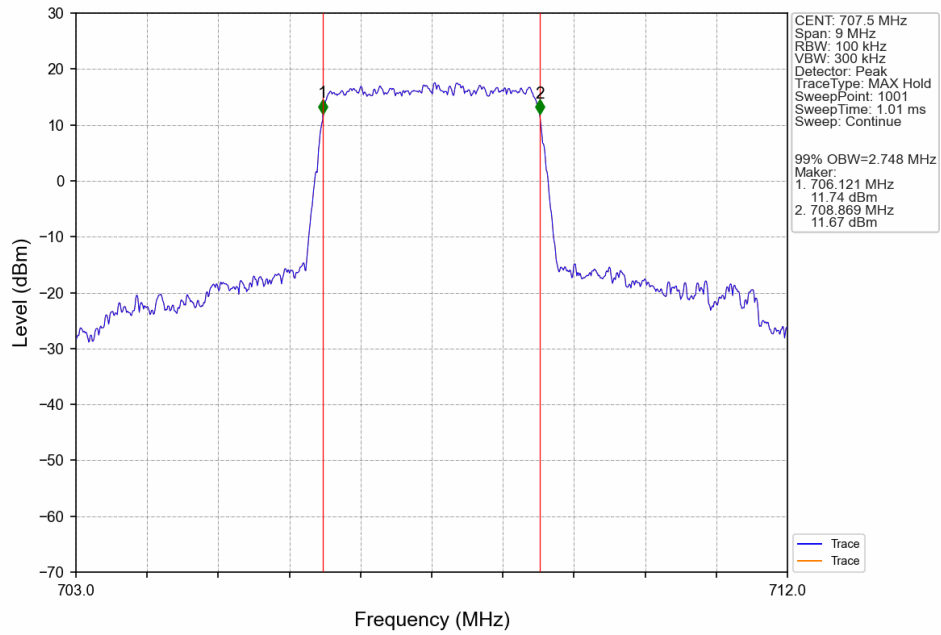
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	707.5	6	0	1.298	/	Pass
	16QAM	707.5	6	0	1.314	/	Pass
3	QPSK	707.5	15	0	3.075	/	Pass
	16QAM	707.5	15	0	3.060	/	Pass
5	QPSK	707.5	25	0	5.020	/	Pass
	16QAM	707.5	25	0	5.042	/	Pass
10	QPSK	707.5	50	0	9.883	/	Pass
	16QAM	707.5	50	0	9.845	/	Pass

3.2 Test Graph

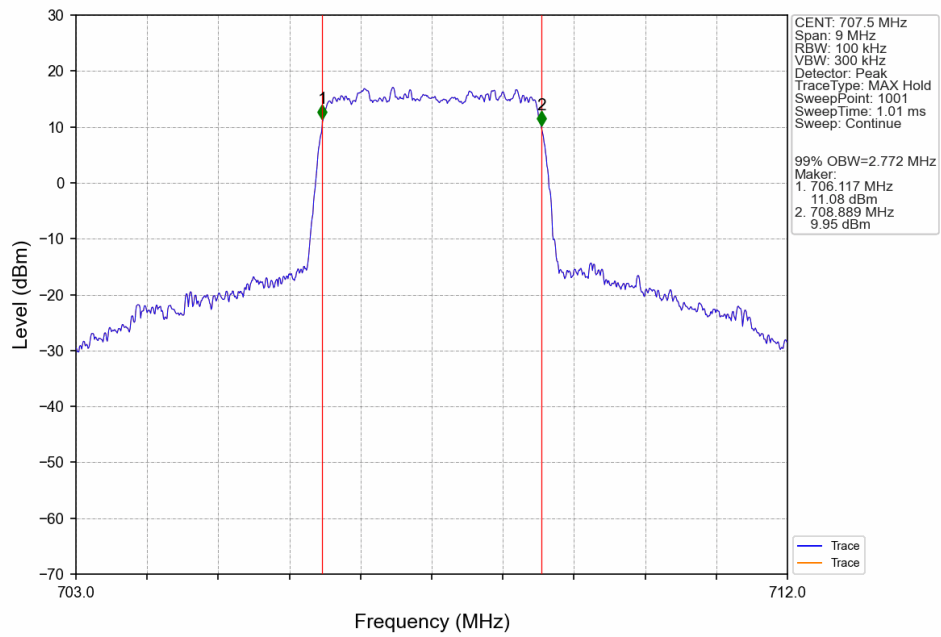
3.2.1 Band12_OBW



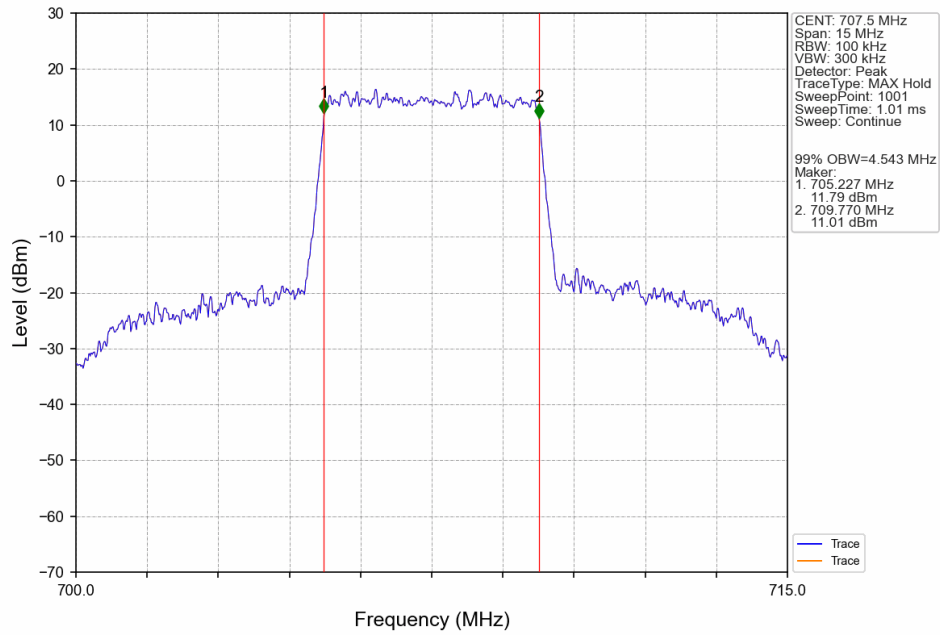
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



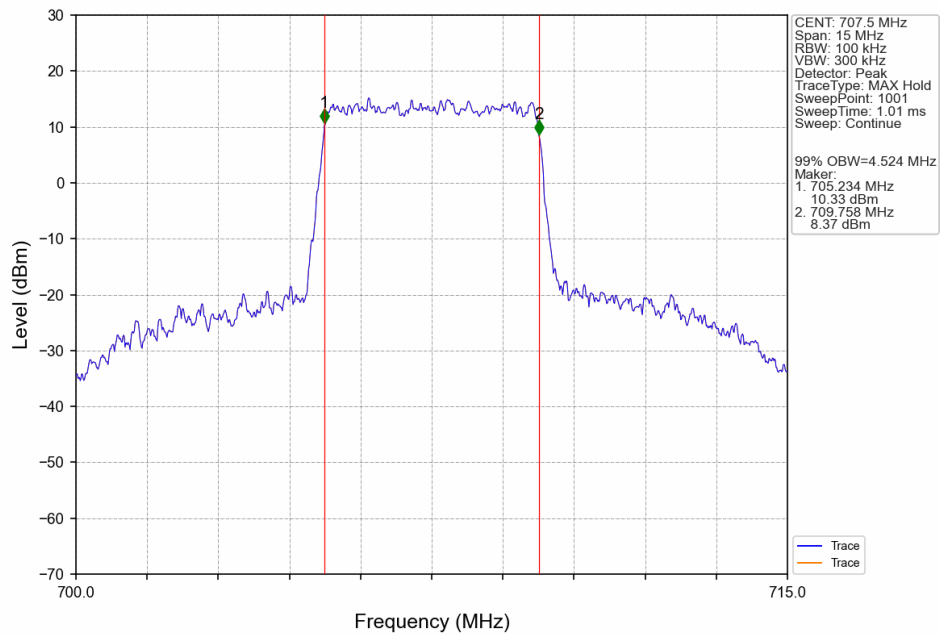
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



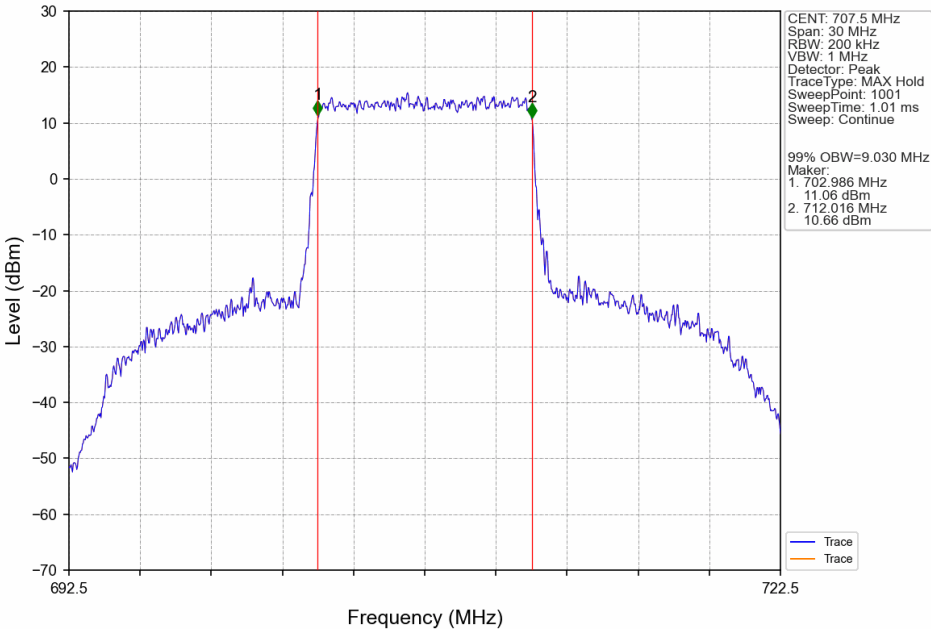
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



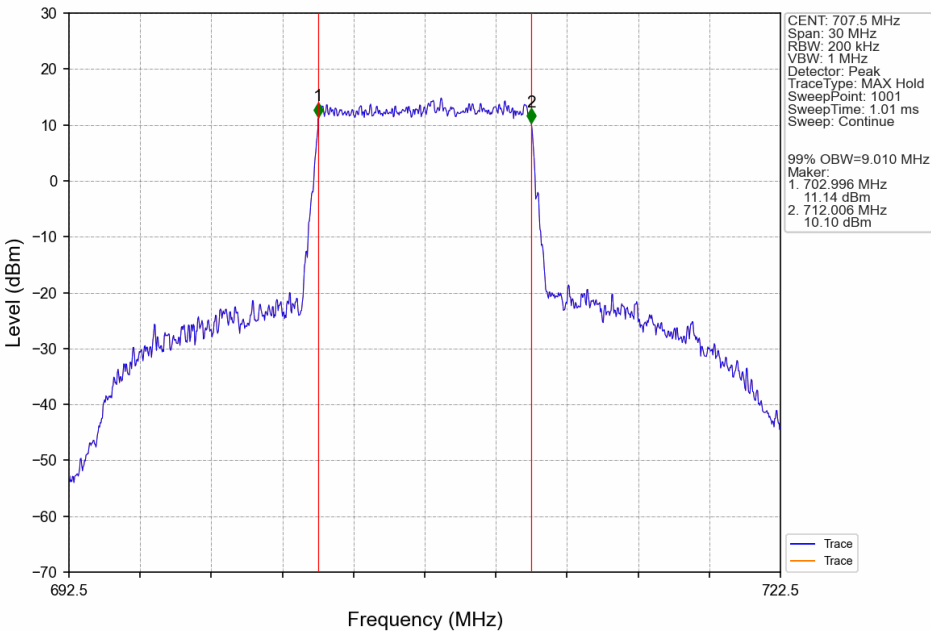
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



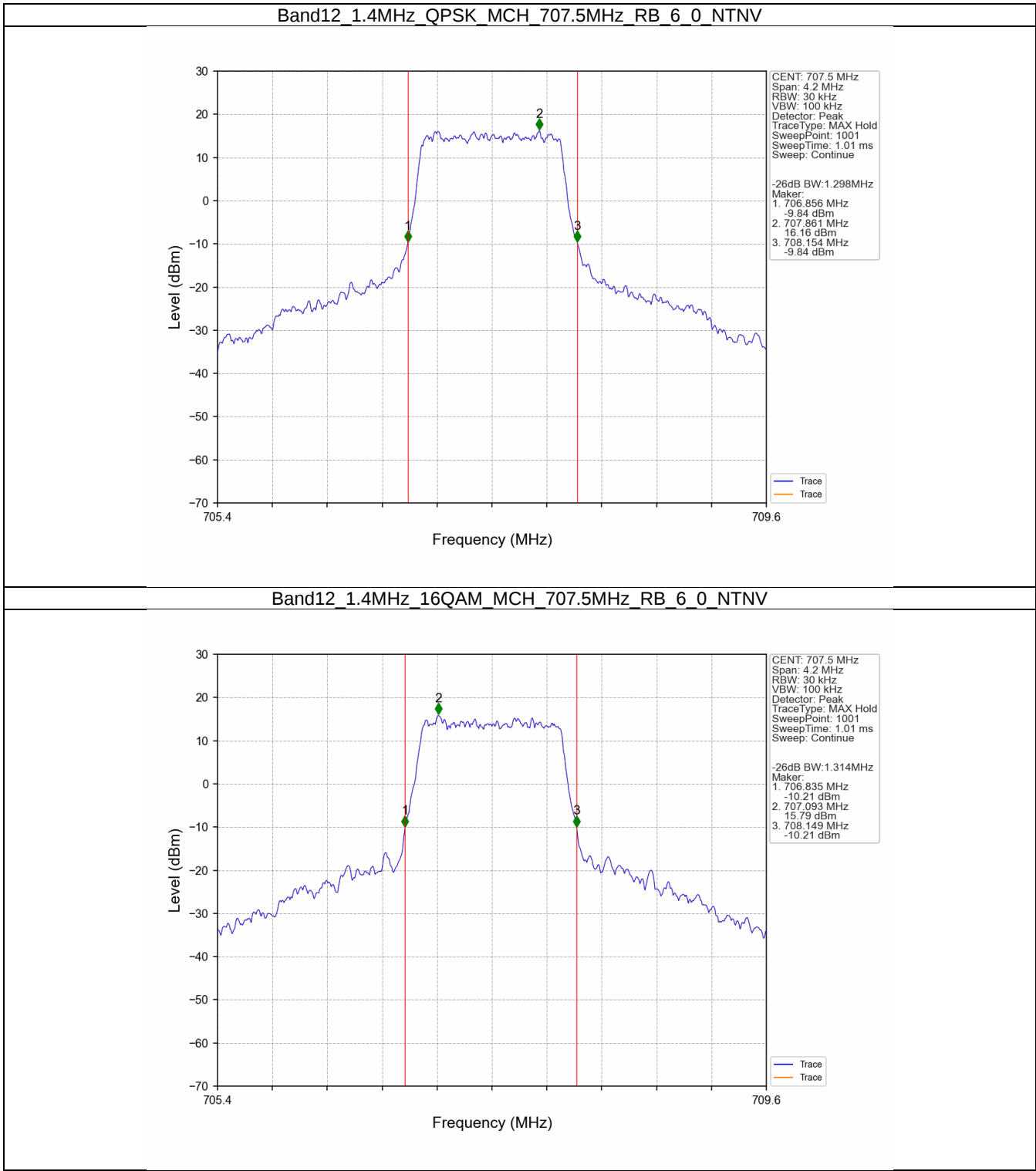
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



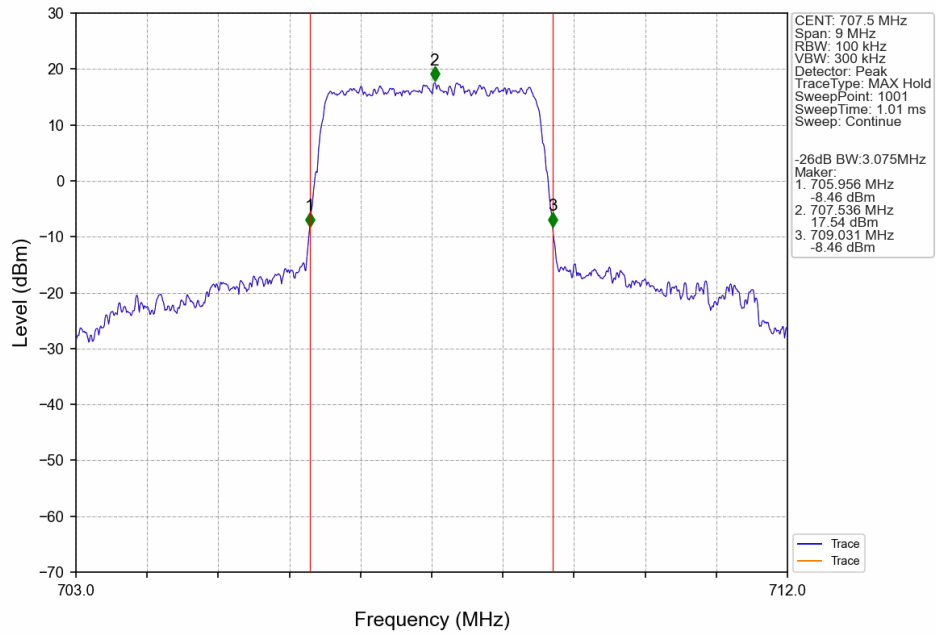
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



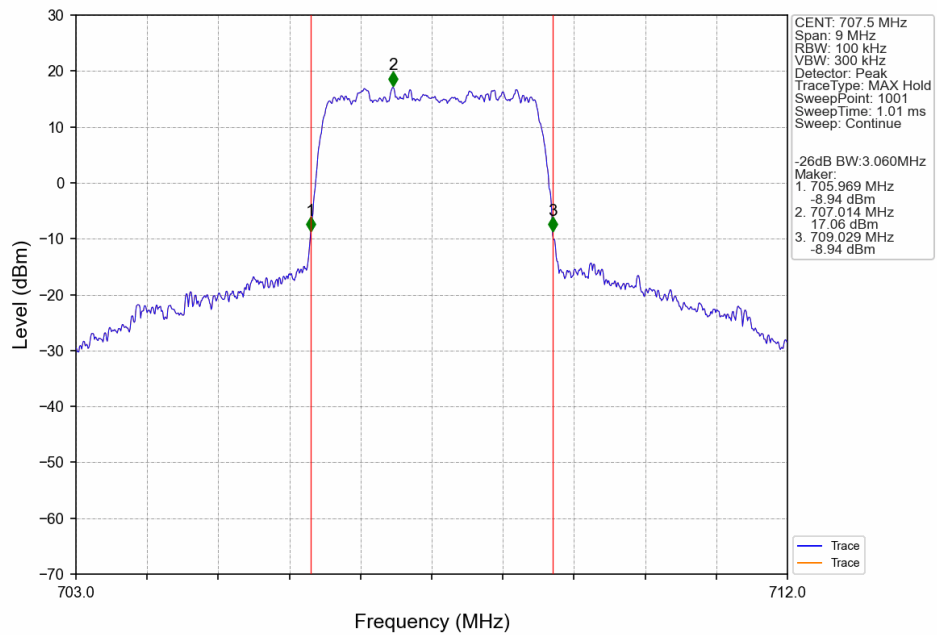
3.2.2 Band12_XDB



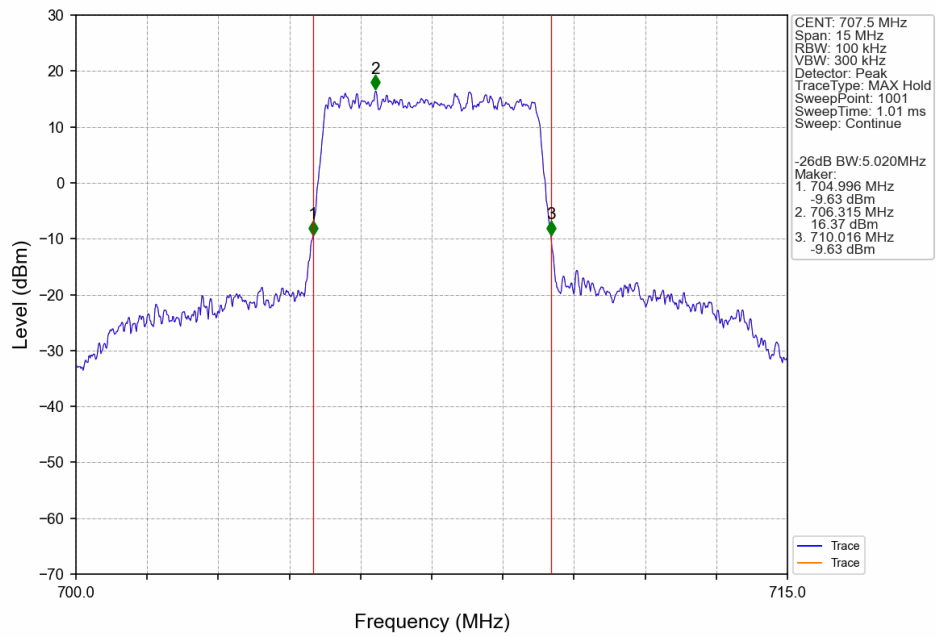
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



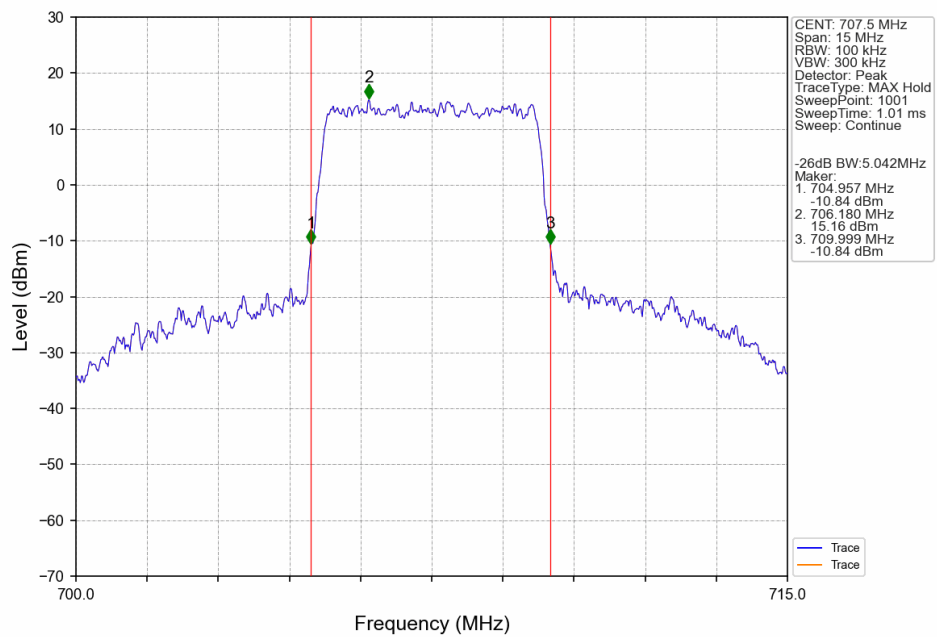
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



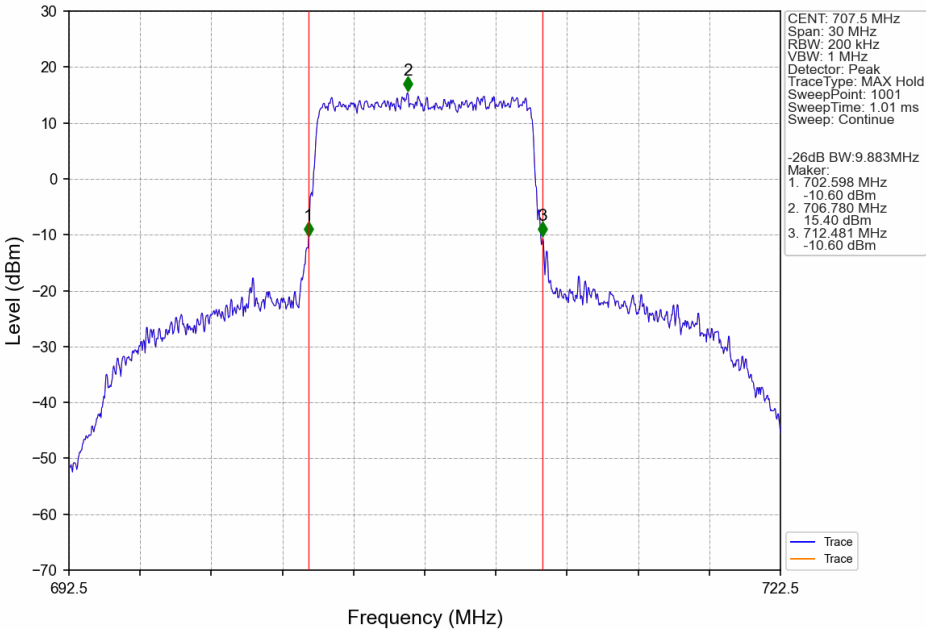
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



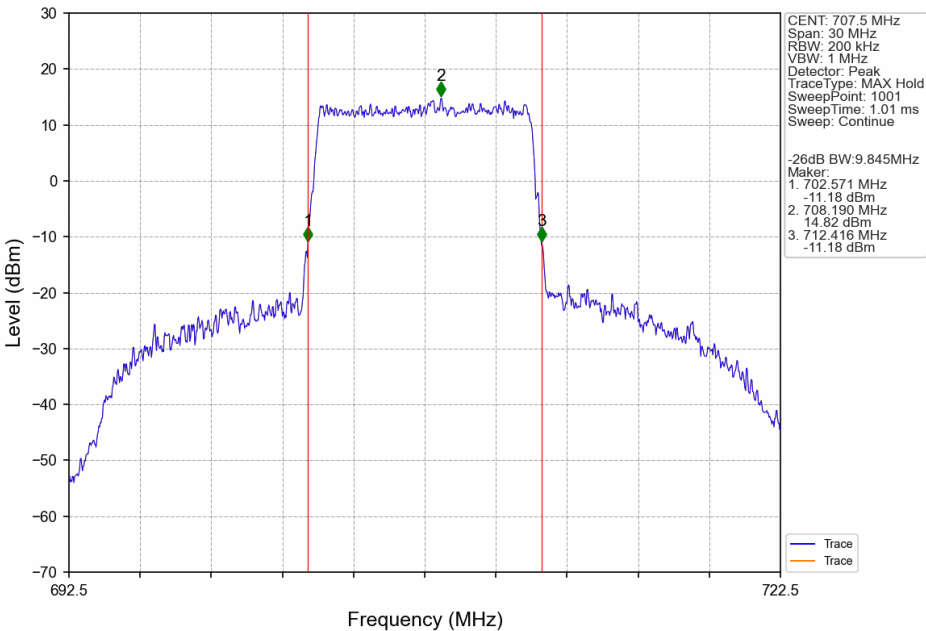
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

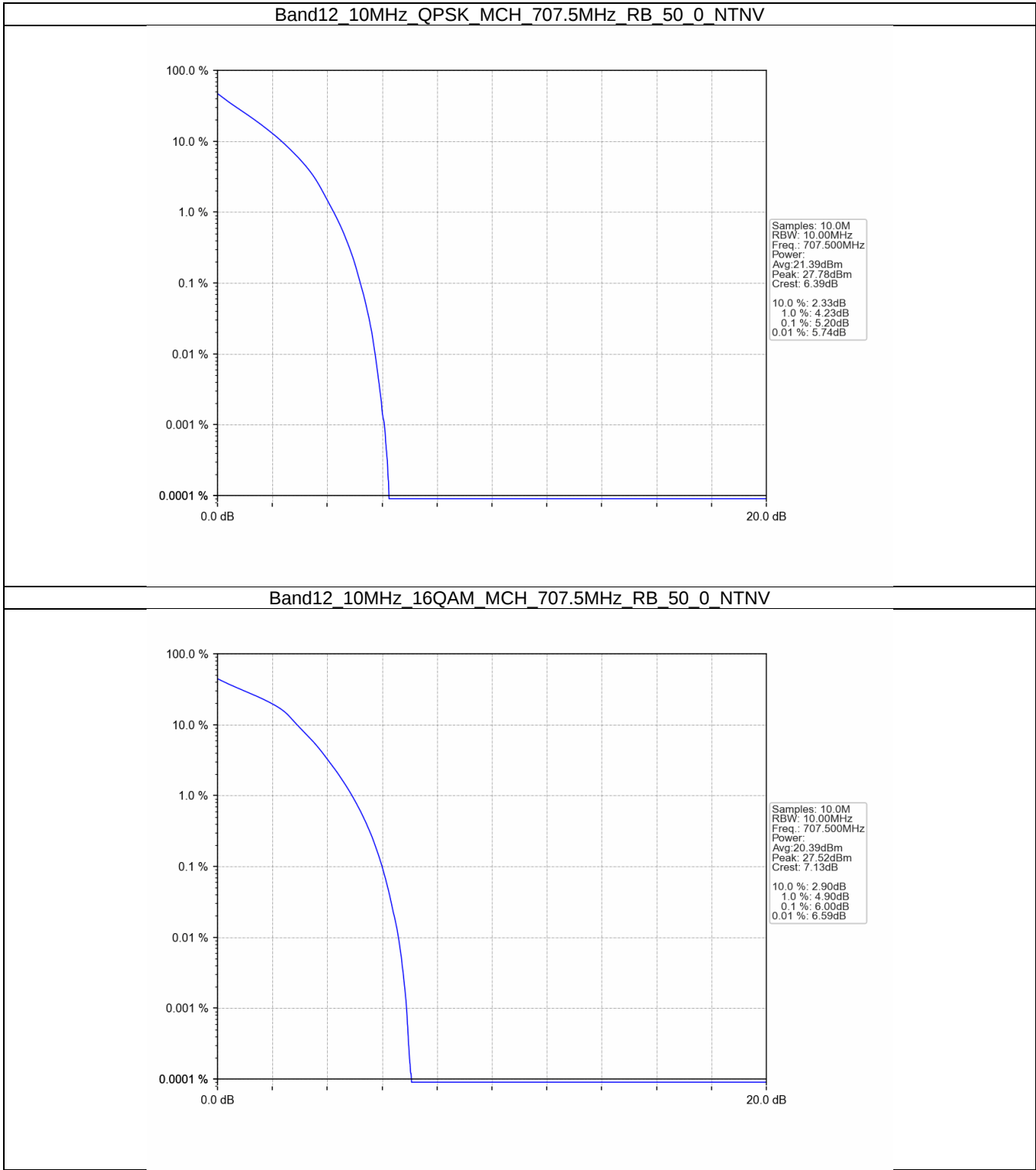
4.1 Test Result

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	5.20	<=13	Pass
16QAM	707.5	50	0	6.00	<=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		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

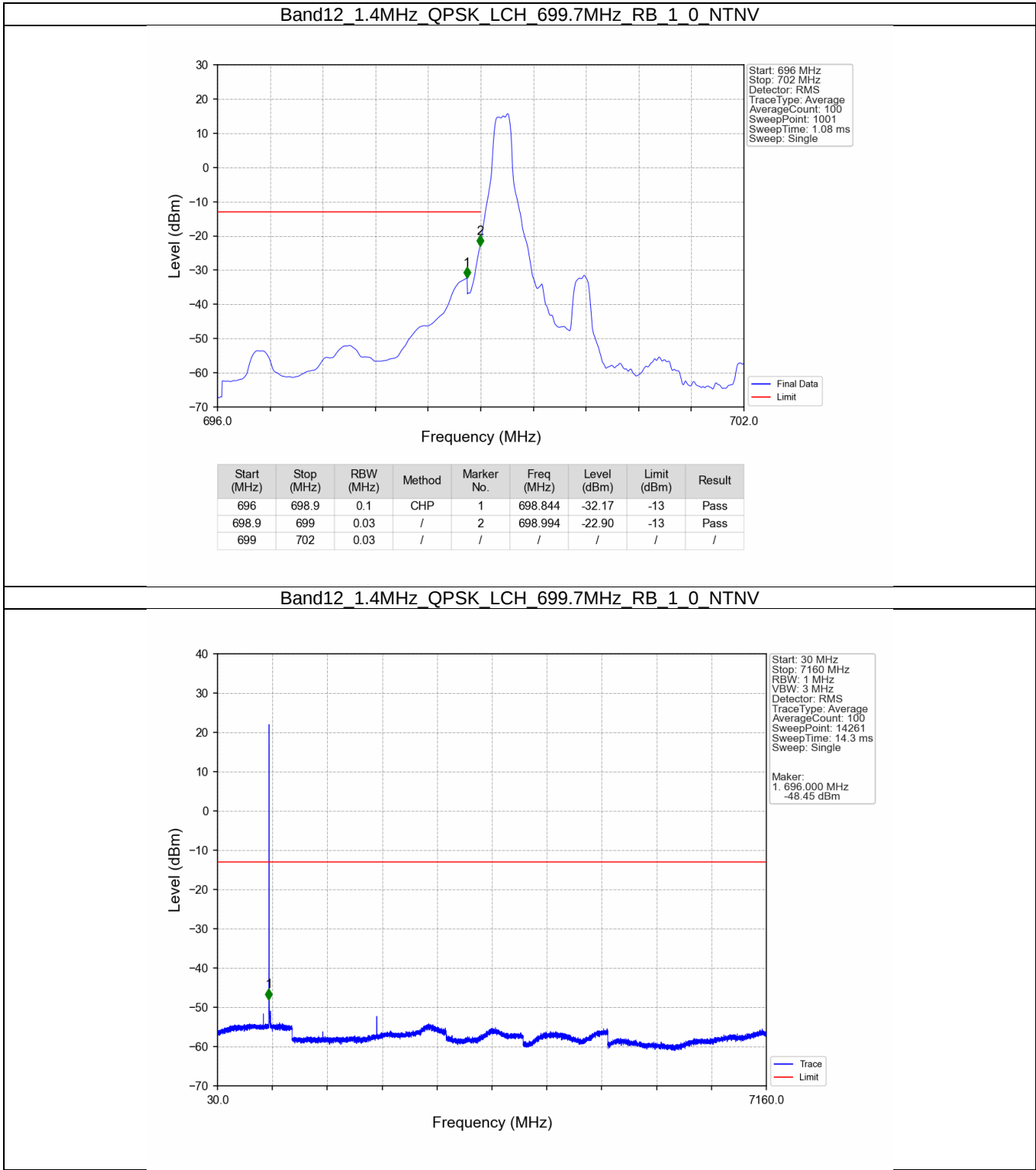
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B12_10MHz

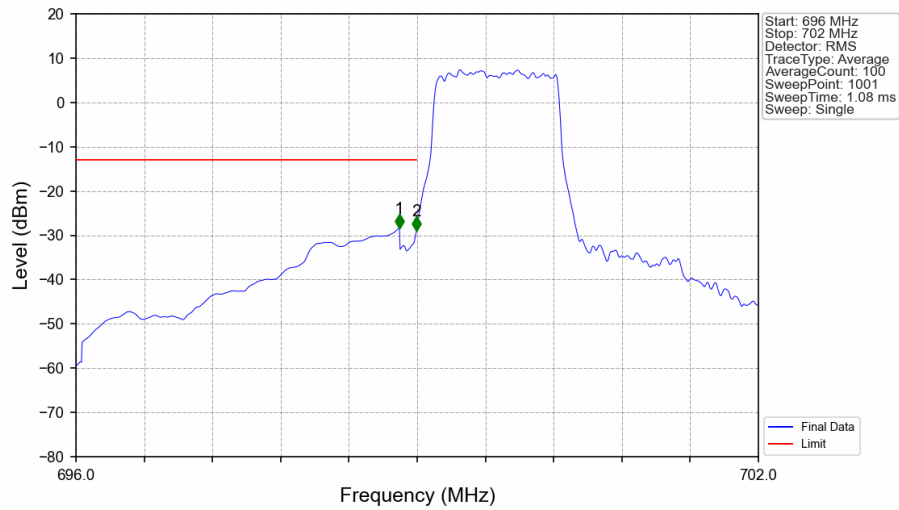
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B12_1.4MHz

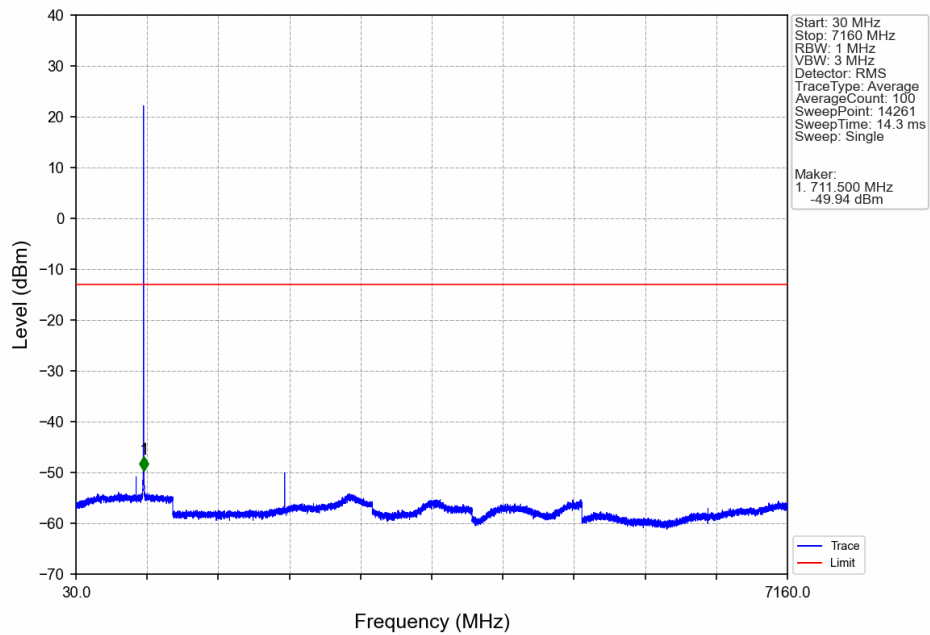


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTNV

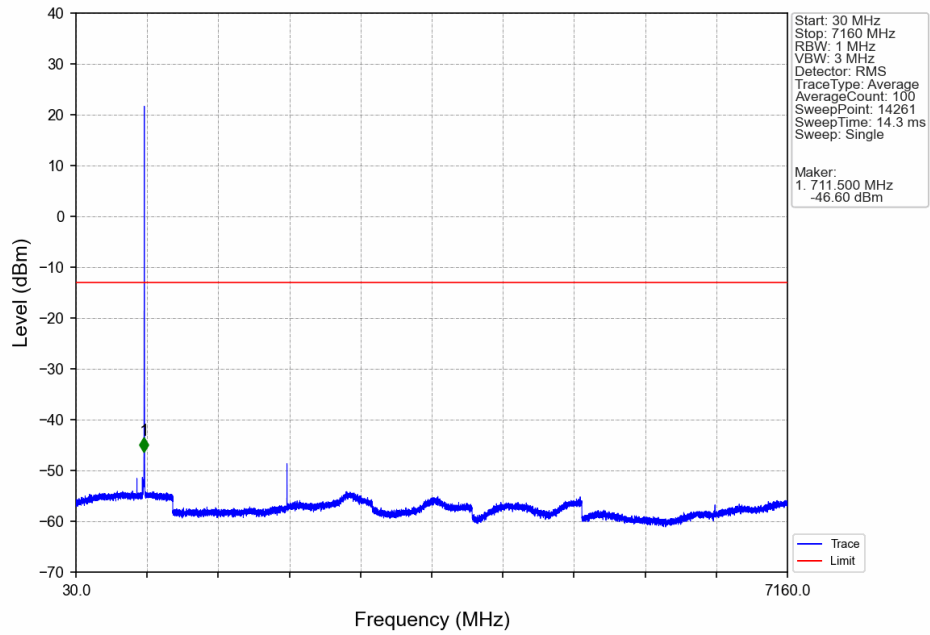


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-28.39	-13	Pass
698.9	699	0.03	/	2	698.994	-28.96	-13	Pass
699	702	0.03	/	/	/	/	/	/

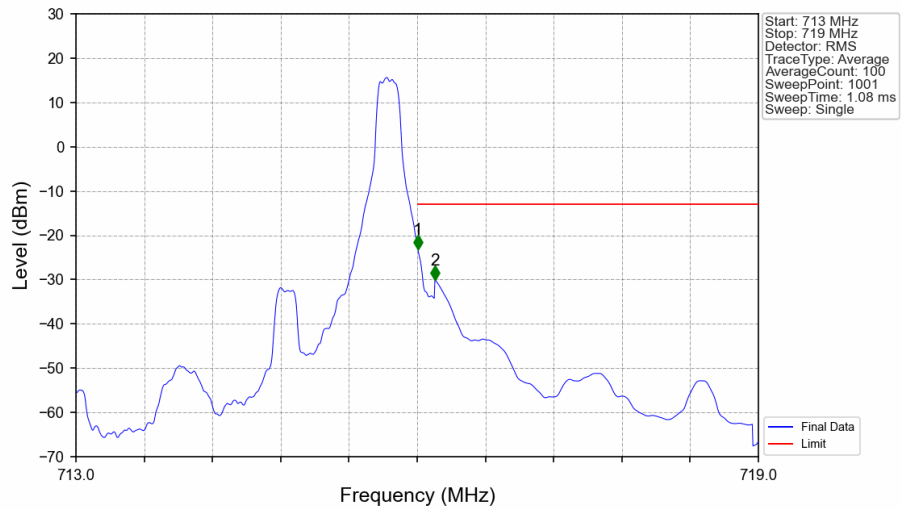
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

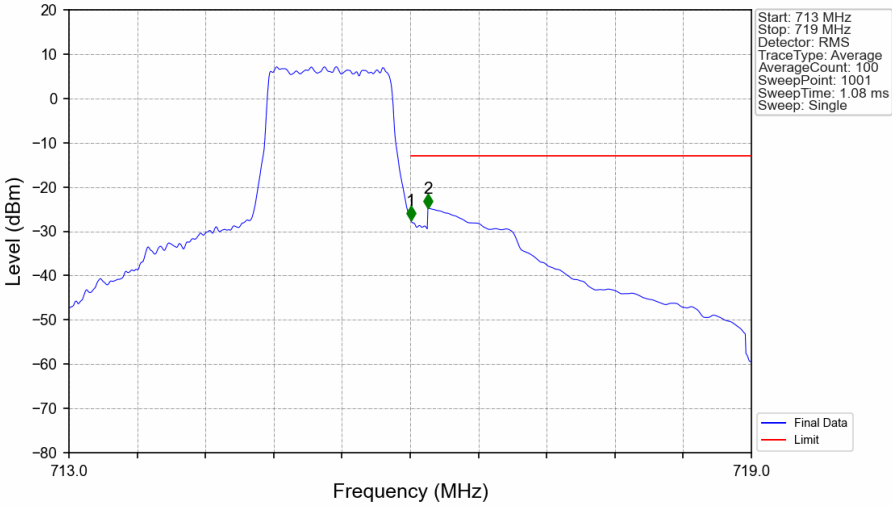


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



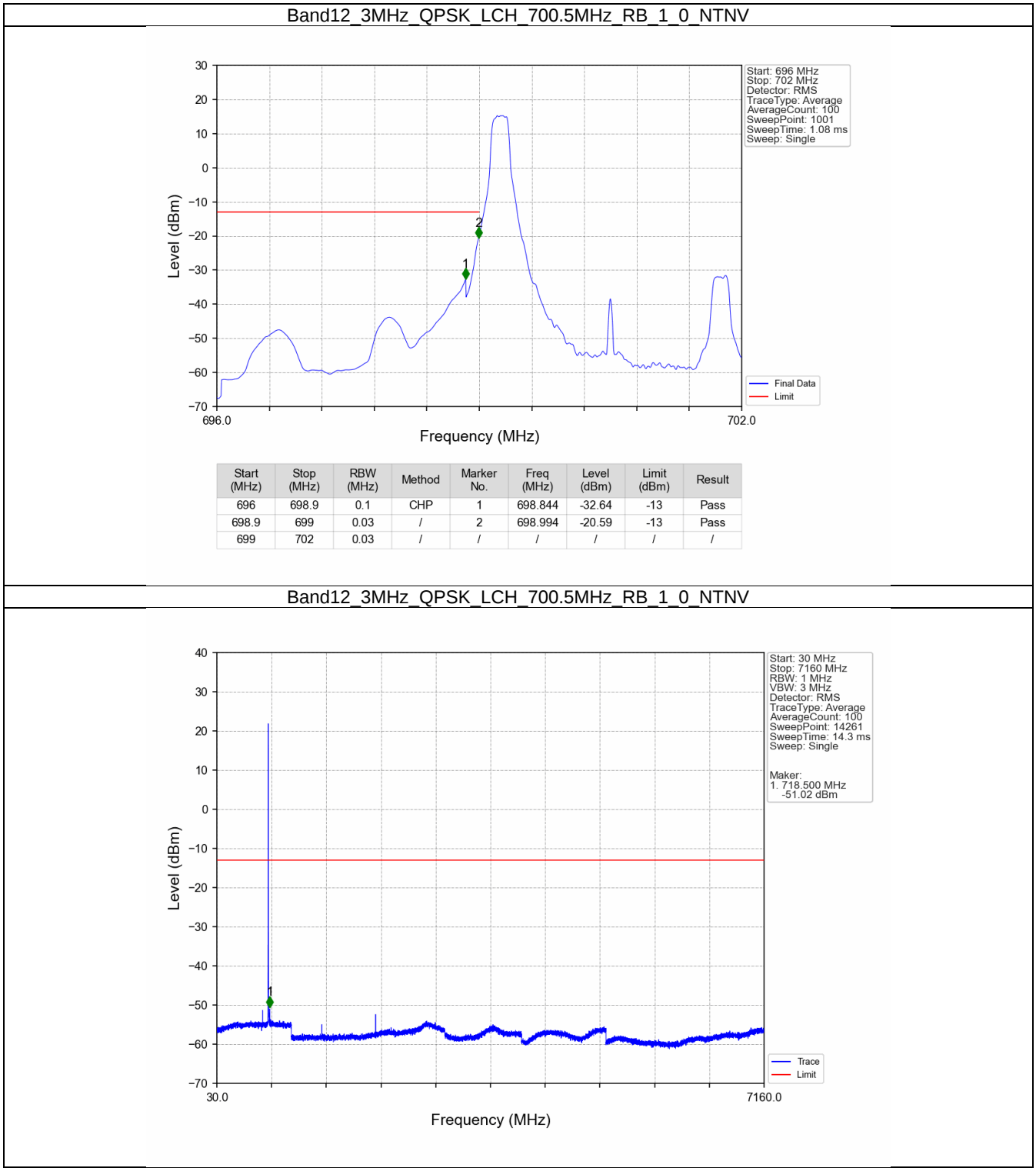
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-23.12	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.05	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV

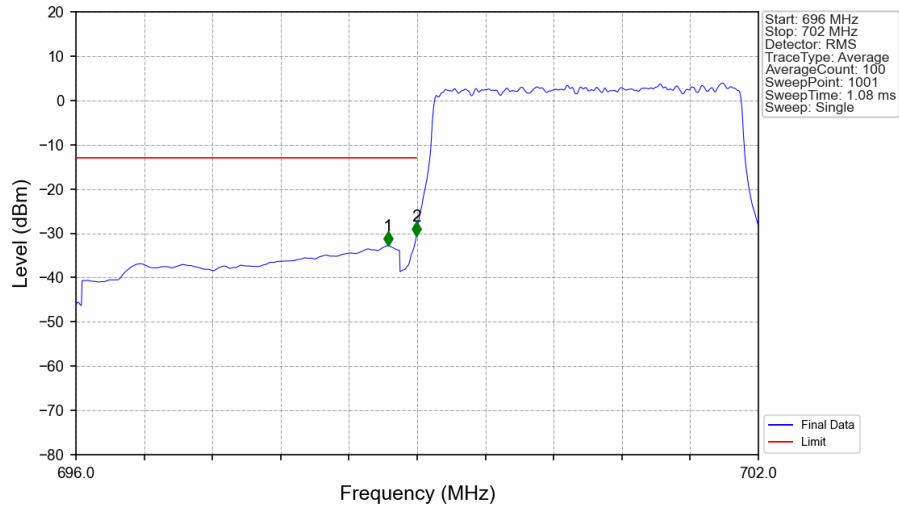


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-27.47	-13	Pass
716.1	719	0.1	CHP	2	716.156	-24.73	-13	Pass

5.2.2 B12_3MHz

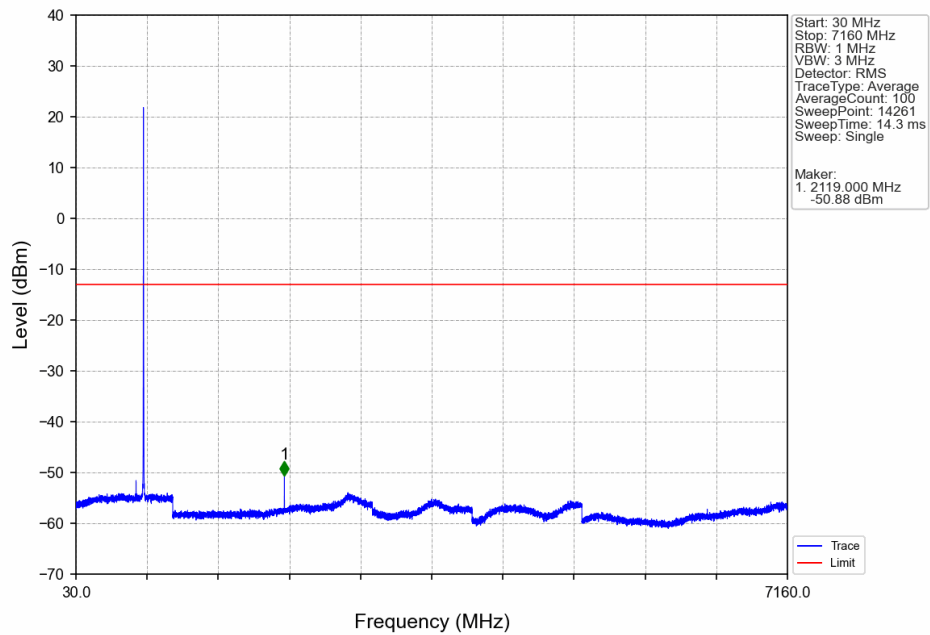


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

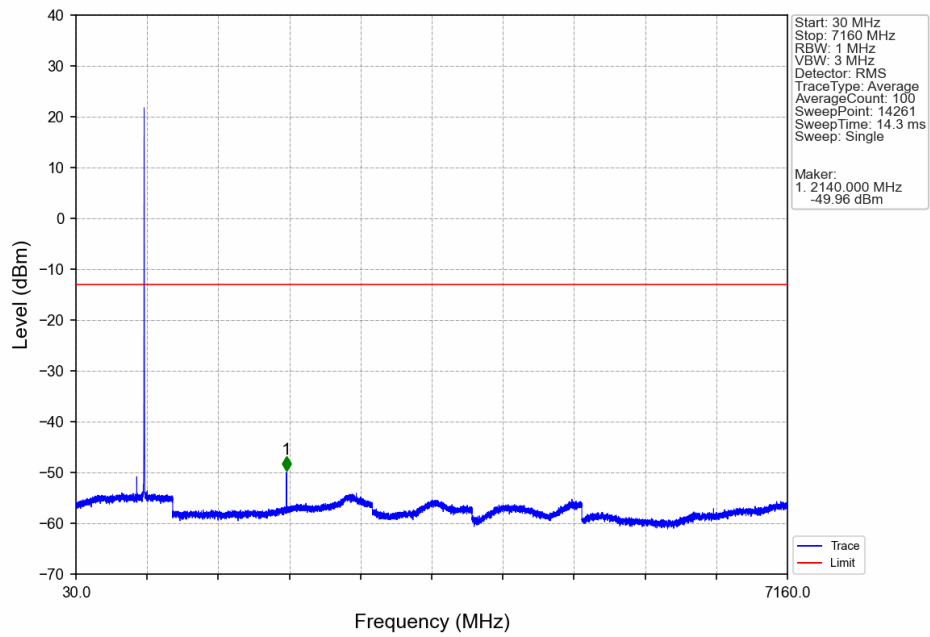


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.742	-32.82	-13	Pass
698.9	699	0.03	/	2	698.994	-30.52	-13	Pass
699	702	0.03	/	/	/	/	/	/

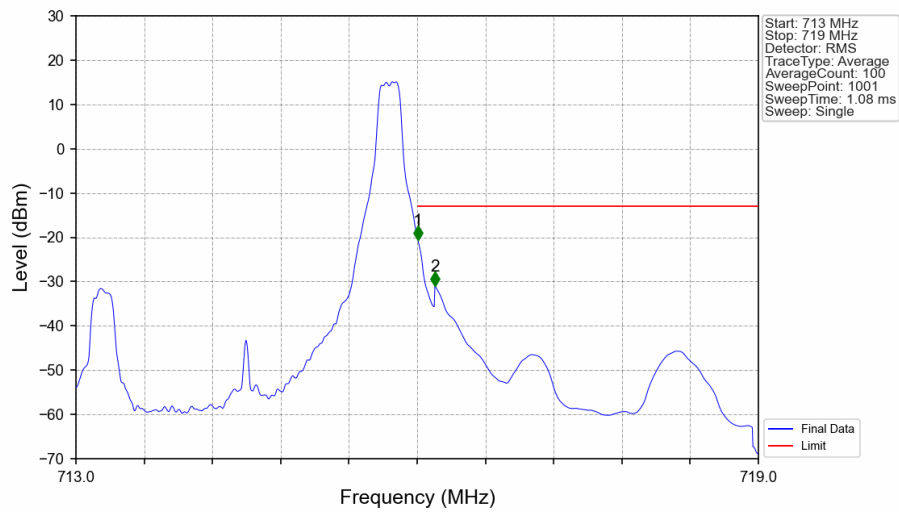
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

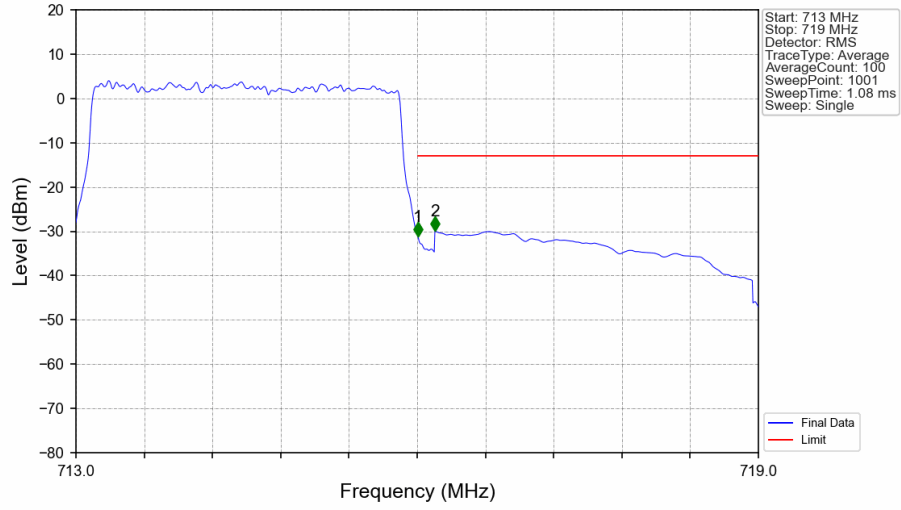


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



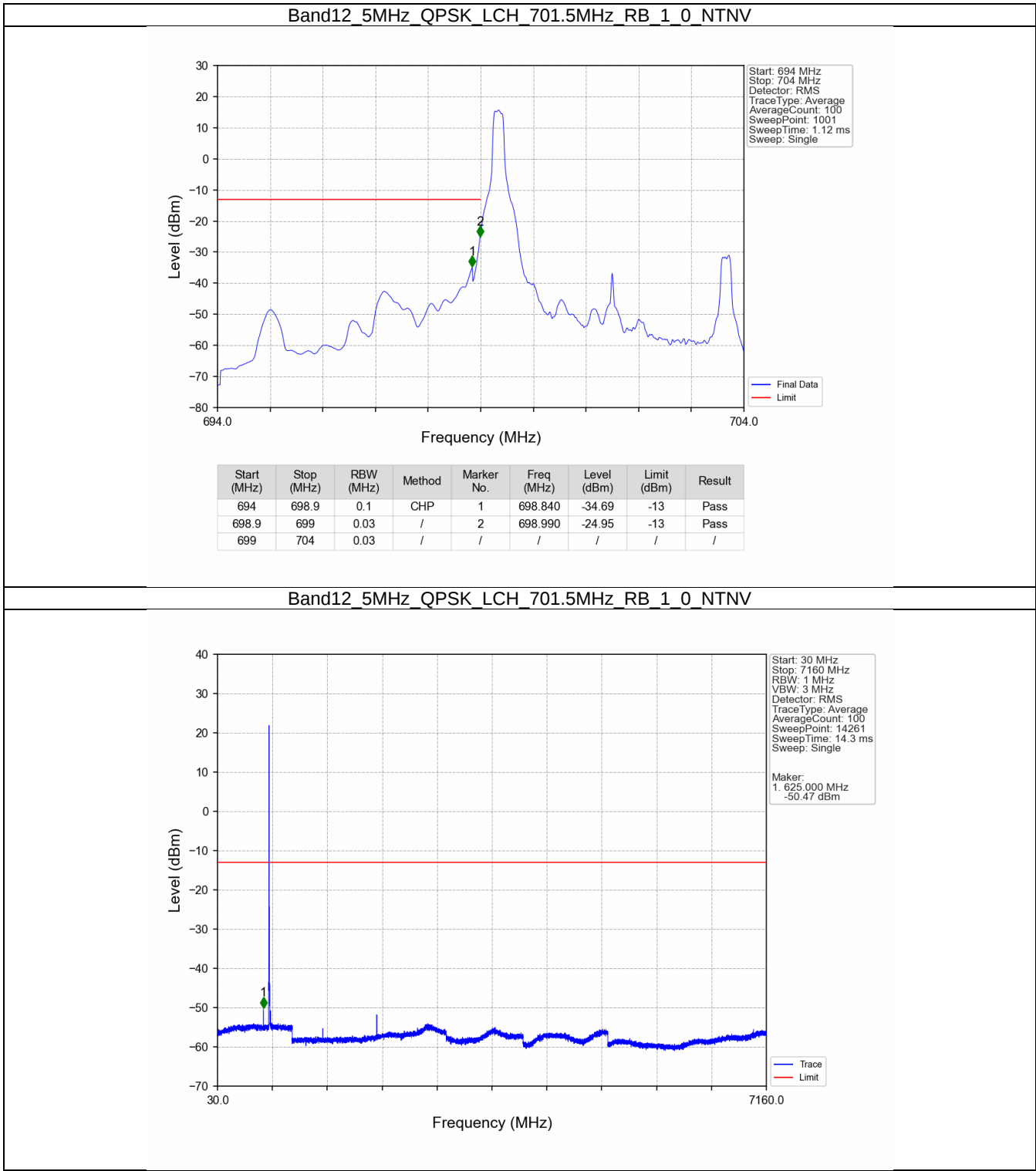
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-20.50	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.92	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV

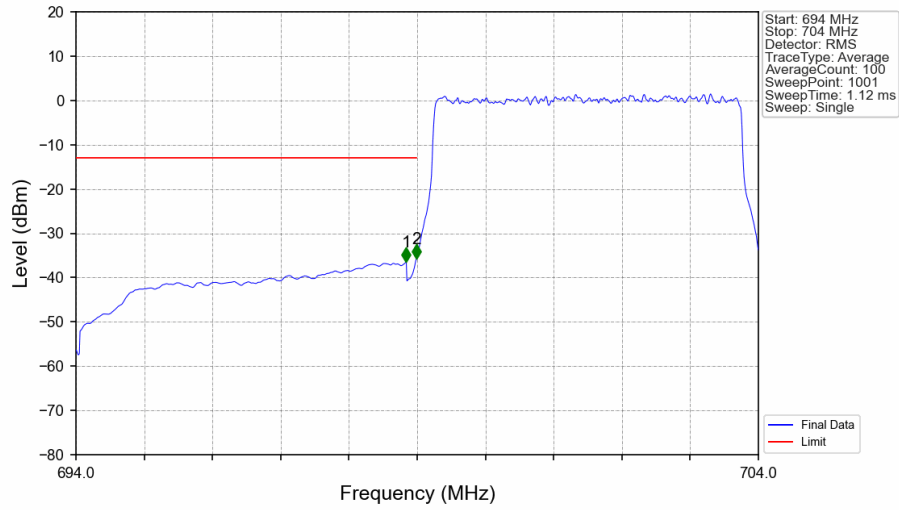


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-31.09	-13	Pass
716.1	719	0.1	CHP	2	716.156	-29.89	-13	Pass

5.2.3 B12_5MHz

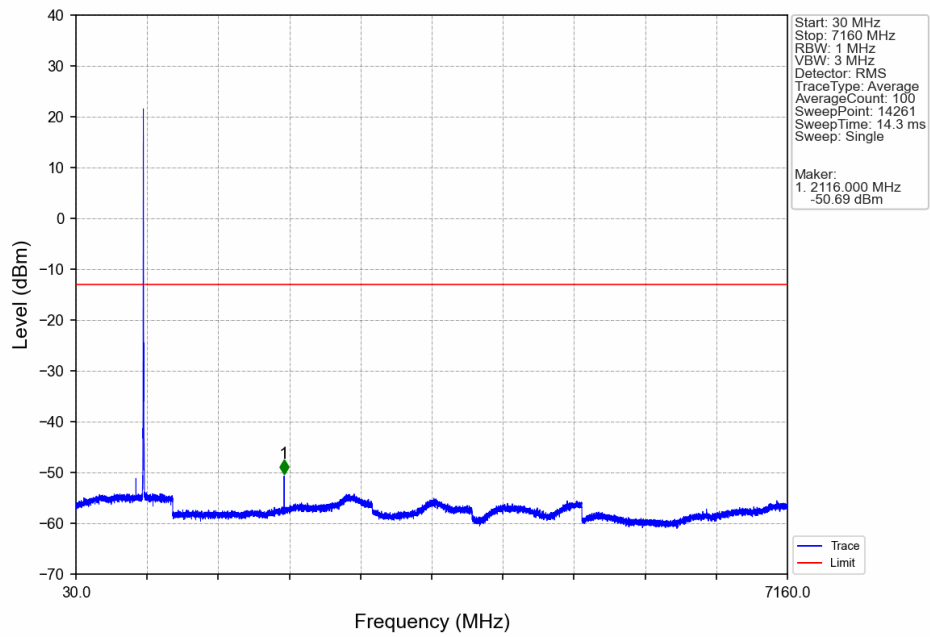


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

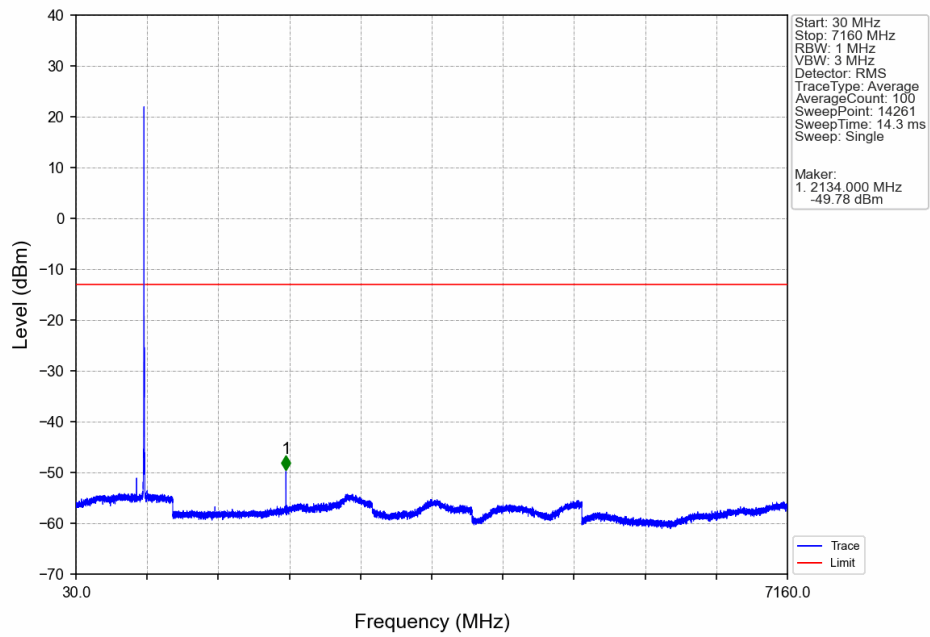


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-36.41	-13	Pass
698.9	699	0.03	/	2	698.990	-35.63	-13	Pass
699	704	0.03	/	/	/	/	/	/

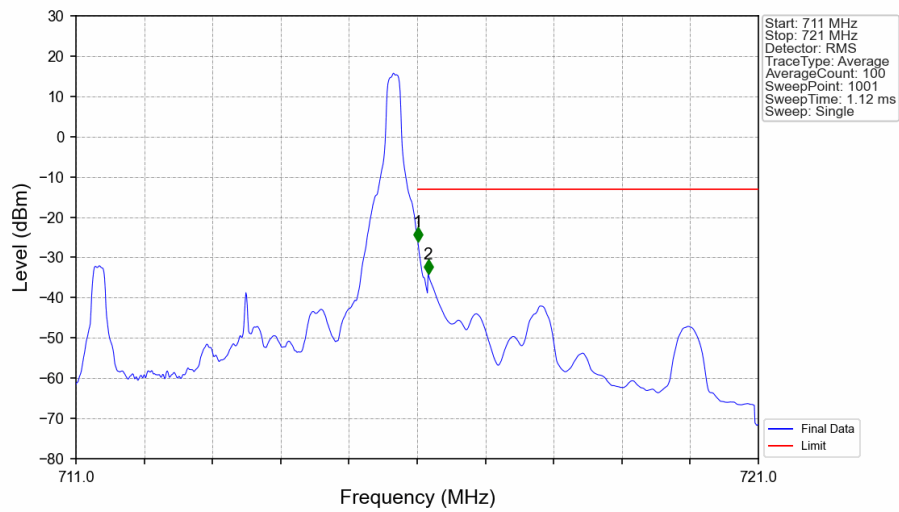
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

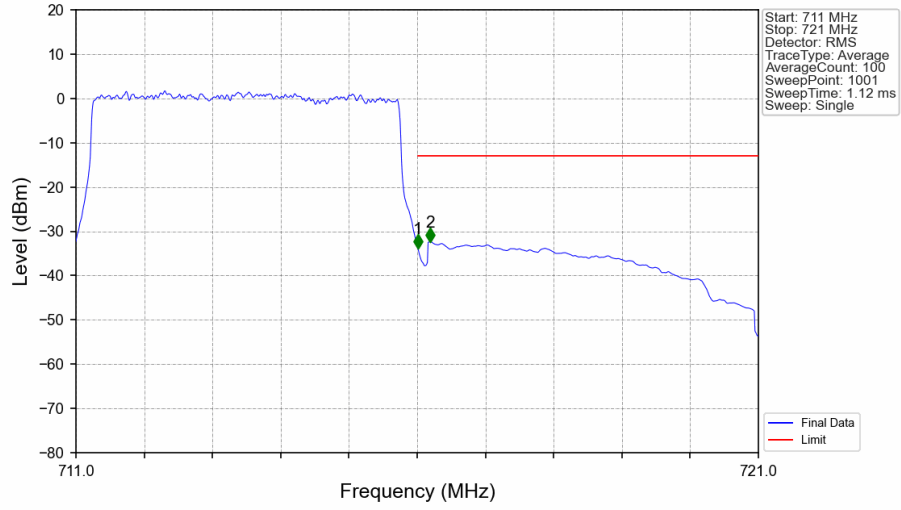


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



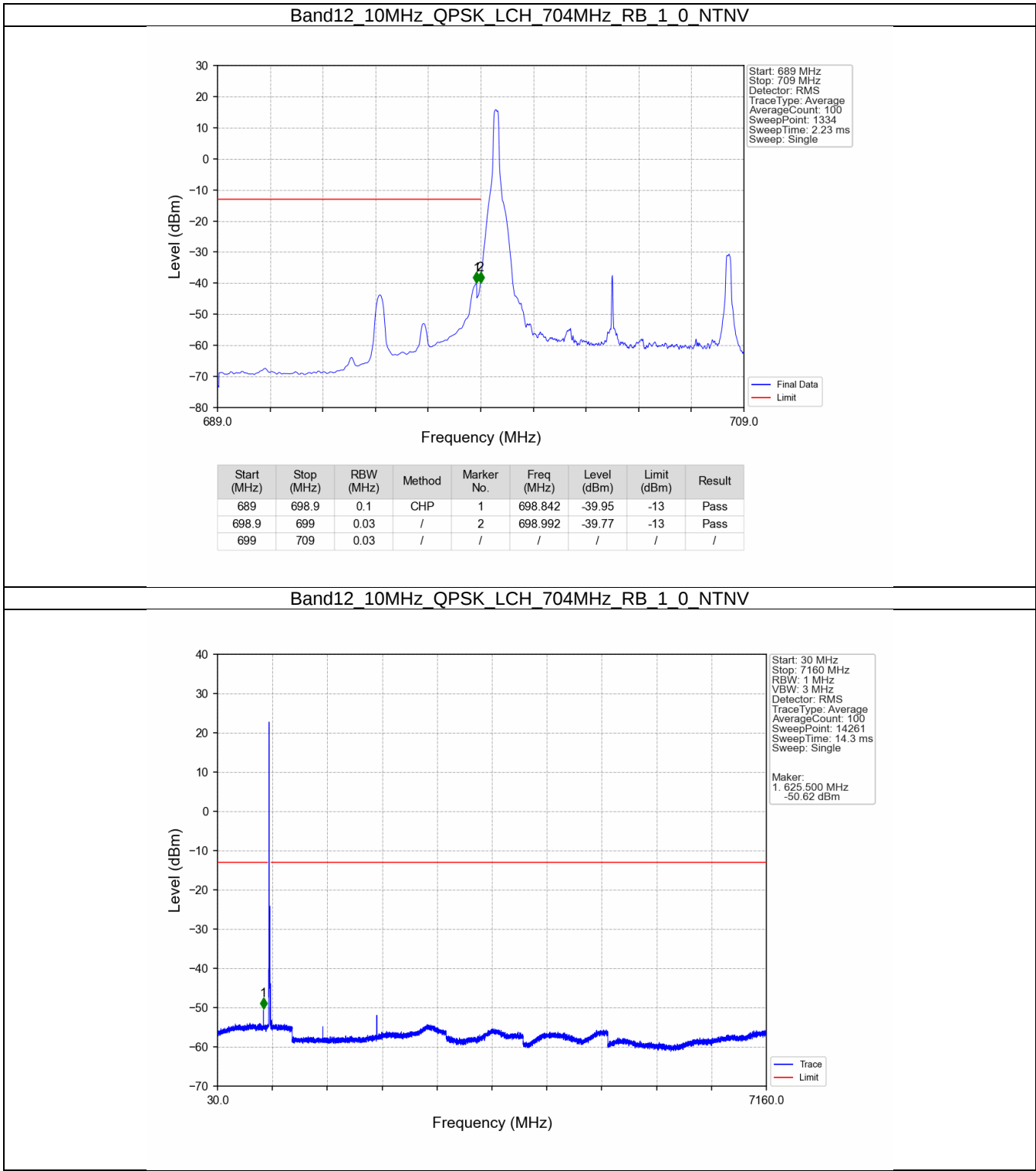
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-25.95	-13	Pass
716.1	721	0.1	CHP	2	716.160	-34.04	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

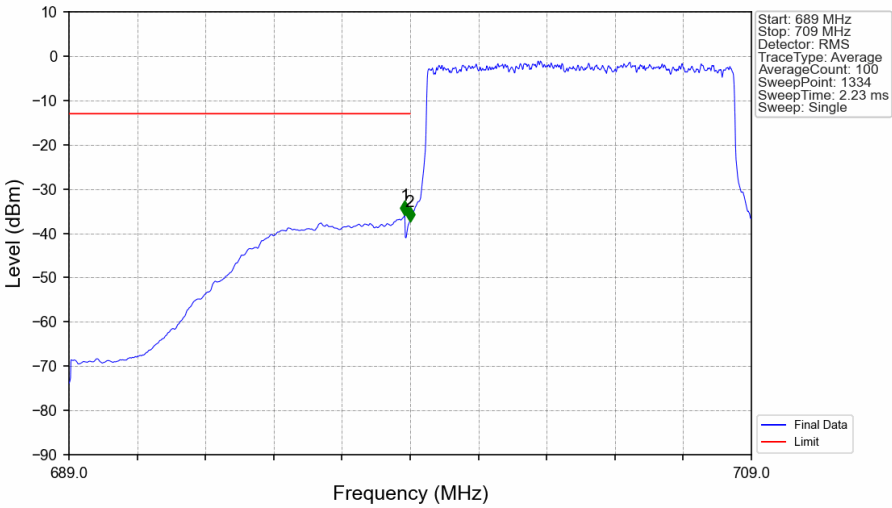


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-33.89	-13	Pass
716.1	721	0.1	CHP	2	716.190	-32.33	-13	Pass

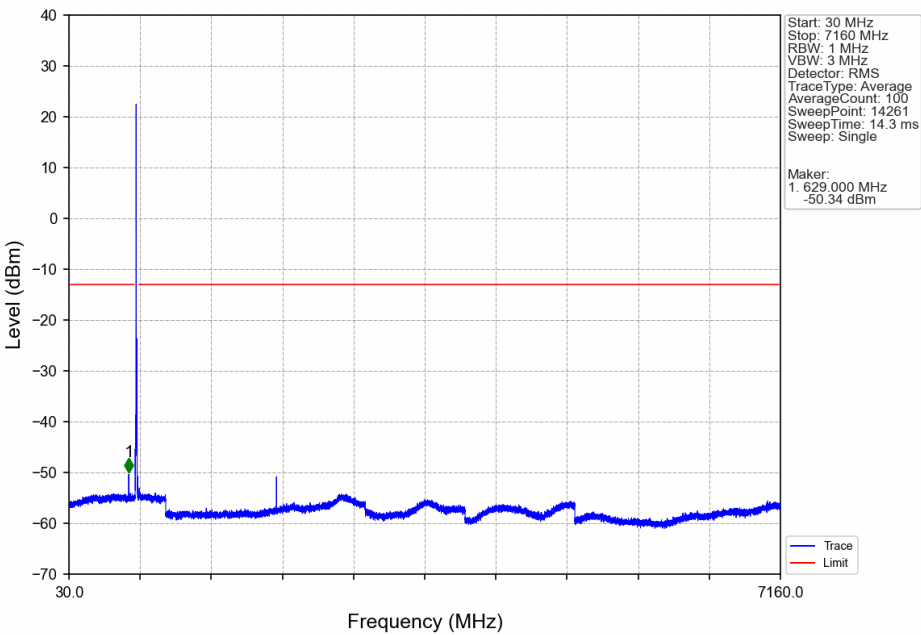
5.2.4 B12_10MHz



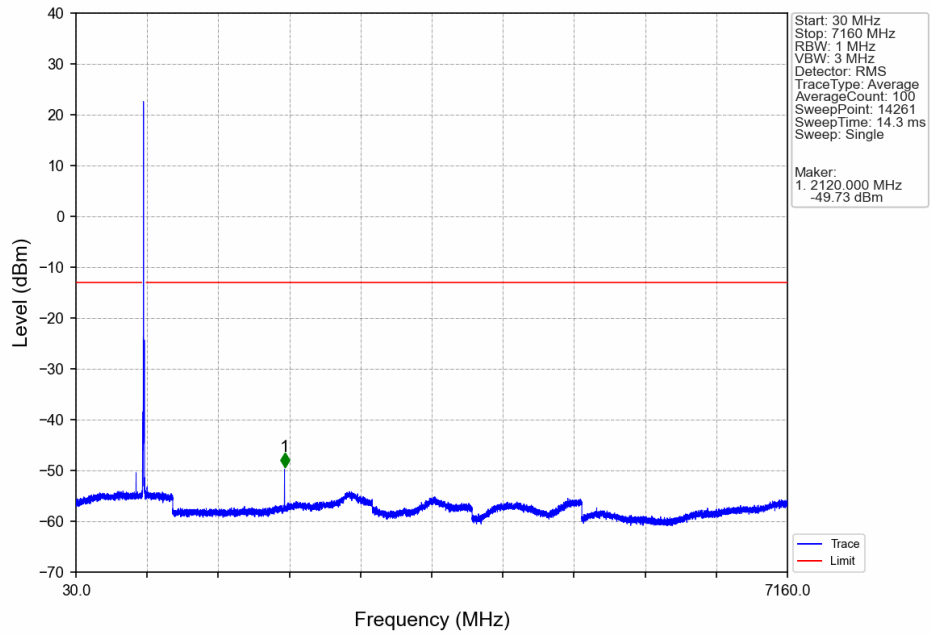
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



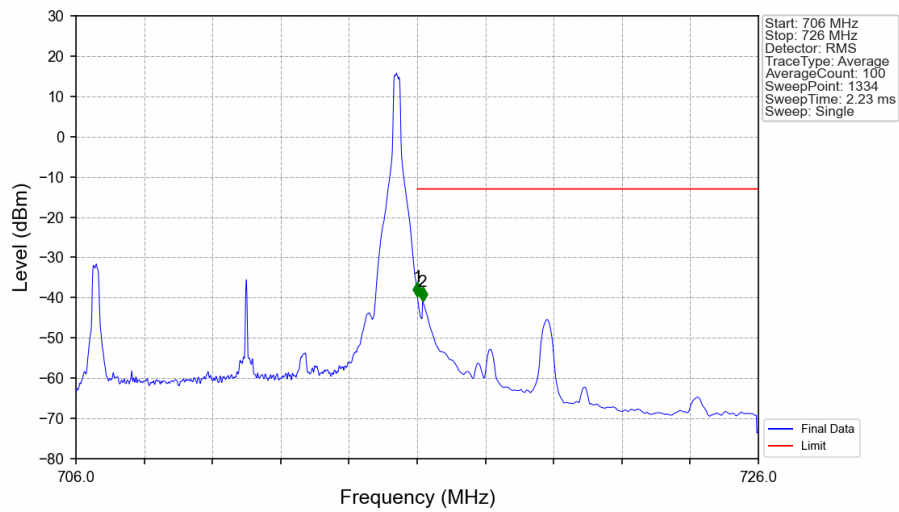
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

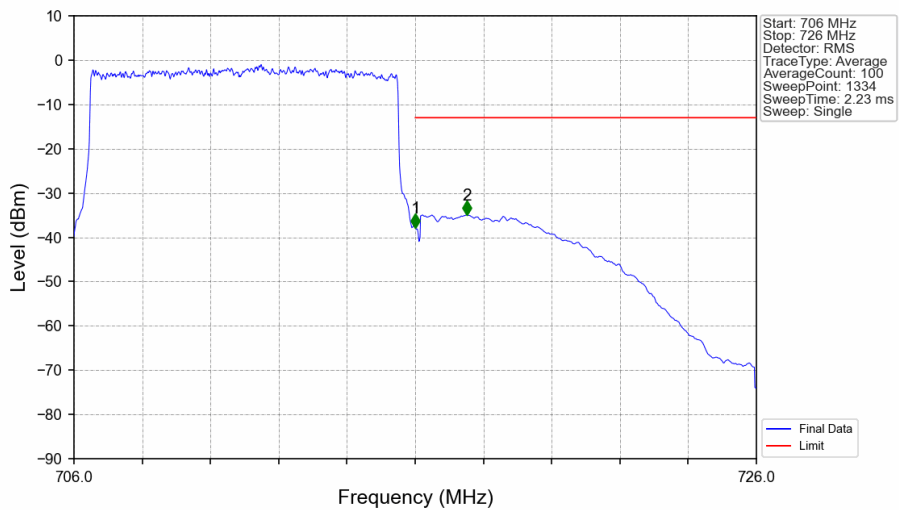


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



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	-39.68	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.89	-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	716.008	-37.76	-13	Pass
716.1	726	0.1	CHP	2	717.508	-34.92	-13	Pass

6. Field Strength of Spurious Radiation

1.1. Test Band = LTE Band 12_ TM1

1.1.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.1111	71.87	-50.01	24.10	-49.30	-13.00	36.30	Horizontal
2	1784	66.35	-49.82	25.78	-52.95	-13.00	39.95	Horizontal
3	2098.6667	54.42	-49.46	26.48	-63.83	-13.00	50.83	Horizontal
4	2998.6667	49.99	-48.30	28.10	-65.47	-13.00	52.47	Horizontal
5	3647.5556	51.19	-48.58	28.74	-63.92	-13.00	50.92	Horizontal
6	5474.6667	50.79	-47.40	32.53	-59.34	-13.00	46.34	Horizontal

1.2. Test Band = LTE Band 12_ TM1

1.2.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.1111	59.38	-50.01	24.10	-61.79	-13.00	48.79	Vertical
2	2098.6667	48.82	-49.46	26.48	-69.43	-13.00	56.43	Vertical
3	2798.2222	49.60	-48.69	27.74	-66.61	-13.00	53.61	Vertical
4	3618.2222	50.85	-48.52	28.69	-64.24	-13.00	51.24	Vertical
5	4975.5556	49.57	-48.01	31.15	-62.56	-13.00	49.56	Vertical
6	6788	50.93	-46.91	35.16	-56.08	-13.00	43.08	Vertical

1.3. Test Band = LTE Band 12_ TM1

1.3.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.2222	70.31	-50.00	24.14	-50.81	-13.00	37.81	Horizontal
2	2109.3333	55.08	-49.46	26.50	-63.15	-13.00	50.15	Horizontal
3	2448.4444	55.92	-49.20	27.11	-61.43	-13.00	48.43	Horizontal
4	3552.4444	61.98	-48.46	28.58	-53.15	-13.00	40.15	Horizontal
5	4582.2222	50.22	-48.07	30.28	-62.83	-13.00	49.83	Horizontal
6	6678.6667	50.46	-46.79	34.99	-56.61	-13.00	43.61	Horizontal

1.4. Test Band = LTE Band 12_ TM1

1.4.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.2222	58.33	-50.00	24.14	-62.79	-13.00	49.79	Vertical
2	2109.3333	49.62	-49.46	26.50	-68.61	-13.00	55.61	Vertical
3	2812.4444	49.62	-48.69	27.76	-66.57	-13.00	53.57	Vertical
4	3642.6667	50.21	-48.57	28.73	-64.90	-13.00	51.90	Vertical
5	4274.6667	49.78	-48.11	29.74	-63.85	-13.00	50.85	Vertical
6	5689.7778	51.48	-47.52	32.68	-58.62	-13.00	45.62	Vertical

1.5. Test Band = LTE Band 12_ TM1

1.5.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.3333	69.54	-49.99	24.19	-51.51	-13.00	38.51	Horizontal
2	2120	52.07	-49.47	26.52	-66.14	-13.00	53.14	Horizontal
3	2826.2222	50.53	-48.71	27.79	-65.65	-13.00	52.65	Horizontal
4	3644.8889	51.11	-48.58	28.73	-64.00	-13.00	51.00	Horizontal
5	5684	51.38	-47.53	32.67	-58.73	-13.00	45.73	Horizontal
6	7596	50.01	-44.73	36.38	-53.60	-13.00	40.60	Horizontal

1.6. Test Band = LTE Band 12_ TM1

1.6.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.3333	62.87	-49.99	24.19	-58.18	-13.00	45.18	Vertical
2	2469.3333	52.06	-49.08	27.14	-65.13	-13.00	52.13	Vertical
3	3614.6667	50.32	-48.51	28.68	-64.77	-13.00	51.77	Vertical
4	4928.8889	49.59	-48.11	31.04	-62.74	-13.00	49.74	Vertical
5	6867.5556	50.75	-46.63	35.29	-55.85	-13.00	42.85	Vertical
6	8066.2222	49.94	-44.67	36.37	-53.62	-13.00	40.62	Vertical