

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	23.38	-3.90	17.33	<=34.77	Pass
			2	23.35	-3.90	17.30	<=34.77	Pass
			5	23.39	-3.90	17.34	<=34.77	Pass
		3	0	23.36	-3.90	17.31	<=34.77	Pass
			2	23.35	-3.90	17.30	<=34.77	Pass
			3	23.34	-3.90	17.29	<=34.77	Pass
		6	0	22.37	-3.90	16.32	<=34.77	Pass
	707.5	1	0	23.28	-3.90	17.23	<=34.77	Pass
			2	23.28	-3.90	17.23	<=34.77	Pass
			5	23.30	-3.90	17.25	<=34.77	Pass
		3	0	23.23	-3.90	17.18	<=34.77	Pass
			2	23.21	-3.90	17.16	<=34.77	Pass
			3	23.24	-3.90	17.19	<=34.77	Pass
		6	0	22.33	-3.90	16.28	<=34.77	Pass
	715.3	1	0	23.43	-3.90	17.38	<=34.77	Pass
			2	23.40	-3.90	17.35	<=34.77	Pass
			5	23.41	-3.90	17.36	<=34.77	Pass
		3	0	23.44	-3.90	17.39	<=34.77	Pass
			2	23.41	-3.90	17.36	<=34.77	Pass
			3	23.39	-3.90	17.34	<=34.77	Pass
		6	0	22.47	-3.90	16.42	<=34.77	Pass
16QAM	699.7	1	0	22.61	-3.90	16.56	<=34.77	Pass
			2	22.56	-3.90	16.51	<=34.77	Pass
			5	22.62	-3.90	16.57	<=34.77	Pass
		3	0	22.35	-3.90	16.30	<=34.77	Pass
			2	22.33	-3.90	16.28	<=34.77	Pass
			3	22.35	-3.90	16.30	<=34.77	Pass
		6	0	21.34	-3.90	15.29	<=34.77	Pass
	707.5	1	0	22.41	-3.90	16.36	<=34.77	Pass
			2	22.37	-3.90	16.32	<=34.77	Pass
			5	22.41	-3.90	16.36	<=34.77	Pass
		3	0	22.49	-3.90	16.44	<=34.77	Pass
			2	22.52	-3.90	16.47	<=34.77	Pass
			3	22.56	-3.90	16.51	<=34.77	Pass
		6	0	21.34	-3.90	15.29	<=34.77	Pass
	715.3	1	0	22.68	-3.90	16.63	<=34.77	Pass
			2	22.64	-3.90	16.59	<=34.77	Pass
			5	22.67	-3.90	16.62	<=34.77	Pass
		3	0	22.44	-3.90	16.39	<=34.77	Pass
			2	22.43	-3.90	16.38	<=34.77	Pass
			3	22.43	-3.90	16.38	<=34.77	Pass
		6	0	21.47	-3.90	15.42	<=34.77	Pass
64QAM	699.7	1	0	21.54	-3.90	15.49	<=34.77	Pass
			2	21.54	-3.90	15.49	<=34.77	Pass
			5	21.58	-3.90	15.53	<=34.77	Pass
		3	0	21.64	-3.90	15.59	<=34.77	Pass
			2	21.62	-3.90	15.57	<=34.77	Pass
			3	21.64	-3.90	15.59	<=34.77	Pass

	707.5	6	0	20.57	-3.90	14.52	<=34.77	Pass
		1	0	21.76	-3.90	15.71	<=34.77	Pass
			2	21.81	-3.90	15.76	<=34.77	Pass
			5	21.79	-3.90	15.74	<=34.77	Pass
		3	0	21.57	-3.90	15.52	<=34.77	Pass
			2	21.59	-3.90	15.54	<=34.77	Pass
			3	21.59	-3.90	15.54	<=34.77	Pass
		6	0	20.39	-3.90	14.34	<=34.77	Pass
	715.3	1	0	21.68	-3.90	15.63	<=34.77	Pass
			2	21.67	-3.90	15.62	<=34.77	Pass
			5	21.59	-3.90	15.54	<=34.77	Pass
			0	21.75	-3.90	15.70	<=34.77	Pass
		3	2	21.73	-3.90	15.68	<=34.77	Pass
			3	21.71	-3.90	15.66	<=34.77	Pass
			0	20.67	-3.90	14.62	<=34.77	Pass
		6	0	20.67	-3.90	14.62	<=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	23.55	-3.90	17.50	<=34.77	Pass
			7	23.56	-3.90	17.51	<=34.77	Pass
			14	23.44	-3.90	17.39	<=34.77	Pass
		8	0	22.46	-3.90	16.41	<=34.77	Pass
			4	22.45	-3.90	16.40	<=34.77	Pass
			7	22.45	-3.90	16.40	<=34.77	Pass
		15	0	22.45	-3.90	16.40	<=34.77	Pass
	707.5	1	0	23.41	-3.90	17.36	<=34.77	Pass
			7	23.38	-3.90	17.33	<=34.77	Pass
			14	23.41	-3.90	17.36	<=34.77	Pass
		8	0	22.38	-3.90	16.33	<=34.77	Pass
			4	22.38	-3.90	16.33	<=34.77	Pass
			7	22.40	-3.90	16.35	<=34.77	Pass
		15	0	22.38	-3.90	16.33	<=34.77	Pass
	714.5	1	0	23.39	-3.90	17.34	<=34.77	Pass
			7	23.47	-3.90	17.42	<=34.77	Pass
			14	23.39	-3.90	17.34	<=34.77	Pass
		8	0	22.46	-3.90	16.41	<=34.77	Pass
			4	22.48	-3.90	16.43	<=34.77	Pass
			7	22.44	-3.90	16.39	<=34.77	Pass
		15	0	22.44	-3.90	16.39	<=34.77	Pass
16QAM	700.5	1	0	22.99	-3.90	16.94	<=34.77	Pass
			7	22.96	-3.90	16.91	<=34.77	Pass
			14	22.90	-3.90	16.85	<=34.77	Pass
		8	0	21.61	-3.90	15.56	<=34.77	Pass
			4	21.55	-3.90	15.50	<=34.77	Pass
			7	21.56	-3.90	15.51	<=34.77	Pass
		15	0	21.54	-3.90	15.49	<=34.77	Pass
	707.5	1	0	22.59	-3.90	16.54	<=34.77	Pass
			7	22.56	-3.90	16.51	<=34.77	Pass
			14	22.59	-3.90	16.54	<=34.77	Pass
		8	0	21.37	-3.90	15.32	<=34.77	Pass
			4	21.39	-3.90	15.34	<=34.77	Pass
			7	21.39	-3.90	15.34	<=34.77	Pass

64QAM	714.5	15	0	21.38	-3.90	15.33	<=34.77	Pass
		1	0	22.46	-3.90	16.41	<=34.77	Pass
			7	22.54	-3.90	16.49	<=34.77	Pass
			14	22.49	-3.90	16.44	<=34.77	Pass
		8	0	21.58	-3.90	15.53	<=34.77	Pass
			4	21.62	-3.90	15.57	<=34.77	Pass
			7	21.57	-3.90	15.52	<=34.77	Pass
		15	0	21.51	-3.90	15.46	<=34.77	Pass
	700.5	1	0	21.71	-3.90	15.66	<=34.77	Pass
			7	21.76	-3.90	15.71	<=34.77	Pass
			14	21.69	-3.90	15.64	<=34.77	Pass
			0	20.64	-3.90	14.59	<=34.77	Pass
		8	4	20.61	-3.90	14.56	<=34.77	Pass
			7	20.63	-3.90	14.58	<=34.77	Pass
		15	0	20.48	-3.90	14.43	<=34.77	Pass
	707.5	1	0	21.50	-3.90	15.45	<=34.77	Pass
			7	21.48	-3.90	15.43	<=34.77	Pass
			14	21.57	-3.90	15.52	<=34.77	Pass
		8	0	20.30	-3.90	14.25	<=34.77	Pass
			4	20.32	-3.90	14.27	<=34.77	Pass
			7	20.33	-3.90	14.28	<=34.77	Pass
		15	0	20.54	-3.90	14.49	<=34.77	Pass
	714.5	1	0	21.54	-3.90	15.49	<=34.77	Pass
			7	21.54	-3.90	15.49	<=34.77	Pass
			14	21.49	-3.90	15.44	<=34.77	Pass
		8	0	20.51	-3.90	14.46	<=34.77	Pass
			4	20.54	-3.90	14.49	<=34.77	Pass
			7	20.51	-3.90	14.46	<=34.77	Pass
		15	0	20.52	-3.90	14.47	<=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	23.56	-3.90	17.51	<=34.77	Pass
			13	23.45	-3.90	17.40	<=34.77	Pass
			24	23.48	-3.90	17.43	<=34.77	Pass
		12	0	22.44	-3.90	16.39	<=34.77	Pass
			6	22.38	-3.90	16.33	<=34.77	Pass
			13	22.37	-3.90	16.32	<=34.77	Pass
		25	0	22.43	-3.90	16.38	<=34.77	Pass
	707.5	1	0	23.43	-3.90	17.38	<=34.77	Pass
			13	23.41	-3.90	17.36	<=34.77	Pass
			24	23.44	-3.90	17.39	<=34.77	Pass
		12	0	22.41	-3.90	16.36	<=34.77	Pass
			6	22.40	-3.90	16.35	<=34.77	Pass
			13	22.43	-3.90	16.38	<=34.77	Pass
		25	0	22.41	-3.90	16.36	<=34.77	Pass
	713.5	1	0	23.48	-3.90	17.43	<=34.77	Pass
			13	23.53	-3.90	17.48	<=34.77	Pass
			24	23.54	-3.90	17.49	<=34.77	Pass
		12	0	22.37	-3.90	16.32	<=34.77	Pass
			6	22.43	-3.90	16.38	<=34.77	Pass
			13	22.48	-3.90	16.43	<=34.77	Pass

		25	0	22.44	-3.90	16.39	<=34.77	Pass		
16QAM	701.5	1	0	22.29	-3.90	16.24	<=34.77	Pass		
			13	22.25	-3.90	16.20	<=34.77	Pass		
			24	22.24	-3.90	16.19	<=34.77	Pass		
			0	21.42	-3.90	15.37	<=34.77	Pass		
		12	6	21.41	-3.90	15.36	<=34.77	Pass		
			13	21.41	-3.90	15.36	<=34.77	Pass		
			25	0	21.47	-3.90	15.42	<=34.77	Pass	
		707.5	1	0	22.73	-3.90	16.68	<=34.77	Pass	
				13	22.78	-3.90	16.73	<=34.77	Pass	
				24	22.76	-3.90	16.71	<=34.77	Pass	
	0			21.46	-3.90	15.41	<=34.77	Pass		
	12		6	21.44	-3.90	15.39	<=34.77	Pass		
			13	21.46	-3.90	15.41	<=34.77	Pass		
			25	0	21.42	-3.90	15.37	<=34.77	Pass	
	713.5		1	0	22.53	-3.90	16.48	<=34.77	Pass	
				13	22.55	-3.90	16.50	<=34.77	Pass	
				24	22.57	-3.90	16.52	<=34.77	Pass	
		0		21.37	-3.90	15.32	<=34.77	Pass		
		12	6	21.43	-3.90	15.38	<=34.77	Pass		
			13	21.50	-3.90	15.45	<=34.77	Pass		
			25	0	21.49	-3.90	15.44	<=34.77	Pass	
		64QAM	701.5	1	0	21.48	-3.90	15.43	<=34.77	Pass
					13	21.43	-3.90	15.38	<=34.77	Pass
					24	21.38	-3.90	15.33	<=34.77	Pass
0	20.41				-3.90	14.36	<=34.77	Pass		
12	6			20.41	-3.90	14.36	<=34.77	Pass		
	13			20.34	-3.90	14.29	<=34.77	Pass		
	25			0	20.45	-3.90	14.40	<=34.77	Pass	
707.5	1			0	21.59	-3.90	15.54	<=34.77	Pass	
				13	21.65	-3.90	15.60	<=34.77	Pass	
				24	21.62	-3.90	15.57	<=34.77	Pass	
			0	20.46	-3.90	14.41	<=34.77	Pass		
	12		6	20.44	-3.90	14.39	<=34.77	Pass		
			13	20.46	-3.90	14.41	<=34.77	Pass		
			25	0	20.50	-3.90	14.45	<=34.77	Pass	
	713.5		1	0	21.63	-3.90	15.58	<=34.77	Pass	
				13	21.72	-3.90	15.67	<=34.77	Pass	
				24	21.71	-3.90	15.66	<=34.77	Pass	
0				20.49	-3.90	14.44	<=34.77	Pass		
12			6	20.58	-3.90	14.53	<=34.77	Pass		
			13	20.63	-3.90	14.58	<=34.77	Pass		
			25	0	20.48	-3.90	14.43	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15										

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	23.59	-3.90	17.54	<=34.77	Pass
			25	23.46	-3.90	17.41	<=34.77	Pass
			49	23.40	-3.90	17.35	<=34.77	Pass
		25	0	22.44	-3.90	16.39	<=34.77	Pass
			13	22.49	-3.90	16.44	<=34.77	Pass
			25	22.44	-3.90	16.39	<=34.77	Pass

	707.5	50	0	22.47	-3.90	16.42	<=34.77	Pass	
		1	0	23.42	-3.90	17.37	<=34.77	Pass	
			25	23.37	-3.90	17.32	<=34.77	Pass	
			49	23.39	-3.90	17.34	<=34.77	Pass	
			0	22.53	-3.90	16.48	<=34.77	Pass	
		25	13	22.42	-3.90	16.37	<=34.77	Pass	
			25	22.46	-3.90	16.41	<=34.77	Pass	
			0	22.49	-3.90	16.44	<=34.77	Pass	
		711	1	0	23.46	-3.90	17.41	<=34.77	Pass
				25	23.41	-3.90	17.36	<=34.77	Pass
				49	23.48	-3.90	17.43	<=34.77	Pass
			25	0	22.44	-3.90	16.39	<=34.77	Pass
	13			22.43	-3.90	16.38	<=34.77	Pass	
	25			22.51	-3.90	16.46	<=34.77	Pass	
	50	0	22.46	-3.90	16.41	<=34.77	Pass		
	16QAM	704	1	0	23.11	-3.90	17.06	<=34.77	Pass
				25	22.98	-3.90	16.93	<=34.77	Pass
				49	23.04	-3.90	16.99	<=34.77	Pass
25			0	21.50	-3.90	15.45	<=34.77	Pass	
			13	21.51	-3.90	15.46	<=34.77	Pass	
			25	21.48	-3.90	15.43	<=34.77	Pass	
50			0	21.47	-3.90	15.42	<=34.77	Pass	
707.5		1	0	22.70	-3.90	16.65	<=34.77	Pass	
			25	22.59	-3.90	16.54	<=34.77	Pass	
			49	22.64	-3.90	16.59	<=34.77	Pass	
		25	0	21.53	-3.90	15.48	<=34.77	Pass	
			13	21.46	-3.90	15.41	<=34.77	Pass	
			25	21.49	-3.90	15.44	<=34.77	Pass	
		50	0	21.49	-3.90	15.44	<=34.77	Pass	
711		1	0	22.49	-3.90	16.44	<=34.77	Pass	
			25	22.48	-3.90	16.43	<=34.77	Pass	
			49	22.57	-3.90	16.52	<=34.77	Pass	
		25	0	21.52	-3.90	15.47	<=34.77	Pass	
			13	21.50	-3.90	15.45	<=34.77	Pass	
			25	21.58	-3.90	15.53	<=34.77	Pass	
		50	0	21.50	-3.90	15.45	<=34.77	Pass	
64QAM		704	1	0	21.82	-3.90	15.77	<=34.77	Pass
				25	21.72	-3.90	15.67	<=34.77	Pass
				49	21.72	-3.90	15.67	<=34.77	Pass
	25		0	20.48	-3.90	14.43	<=34.77	Pass	
			13	20.52	-3.90	14.47	<=34.77	Pass	
			25	20.49	-3.90	14.44	<=34.77	Pass	
	50		0	20.52	-3.90	14.47	<=34.77	Pass	
	707.5	1	0	21.61	-3.90	15.56	<=34.77	Pass	
			25	21.57	-3.90	15.52	<=34.77	Pass	
			49	21.64	-3.90	15.59	<=34.77	Pass	
		25	0	20.61	-3.90	14.56	<=34.77	Pass	
			13	20.55	-3.90	14.50	<=34.77	Pass	
			25	20.57	-3.90	14.52	<=34.77	Pass	
		50	0	20.55	-3.90	14.50	<=34.77	Pass	
	711	1	0	21.55	-3.90	15.50	<=34.77	Pass	
			25	21.56	-3.90	15.51	<=34.77	Pass	
			49	21.52	-3.90	15.47	<=34.77	Pass	
		25	0	20.54	-3.90	14.49	<=34.77	Pass	
			13	20.53	-3.90	14.48	<=34.77	Pass	
			25	20.60	-3.90	14.55	<=34.77	Pass	
		50	0	20.52	-3.90	14.47	<=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	-2.430	-0.0034	-2.5 to 2.5	Pass
					3.85	-0.324	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.669	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.576	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.062	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.235	0.0017	-2.5 to 2.5	Pass
				0	3.85	1.647	0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.916	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.947	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.438	-0.0034	-2.5 to 2.5	Pass
				50	3.85	0.080	0.0001	-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	1.097	/	Pass
	64QAM	707.5	6	0	1.096	/	Pass
3	QPSK	707.5	15	0	2.731	/	Pass
	16QAM	707.5	15	0	2.726	/	Pass
	64QAM	707.5	15	0	2.743	/	Pass
5	QPSK	707.5	25	0	4.524	/	Pass
	16QAM	707.5	25	0	4.505	/	Pass
	64QAM	707.5	25	0	4.502	/	Pass
10	QPSK	707.5	50	0	9.026	/	Pass
	16QAM	707.5	50	0	9.034	/	Pass
	64QAM	707.5	50	0	9.022	/	Pass

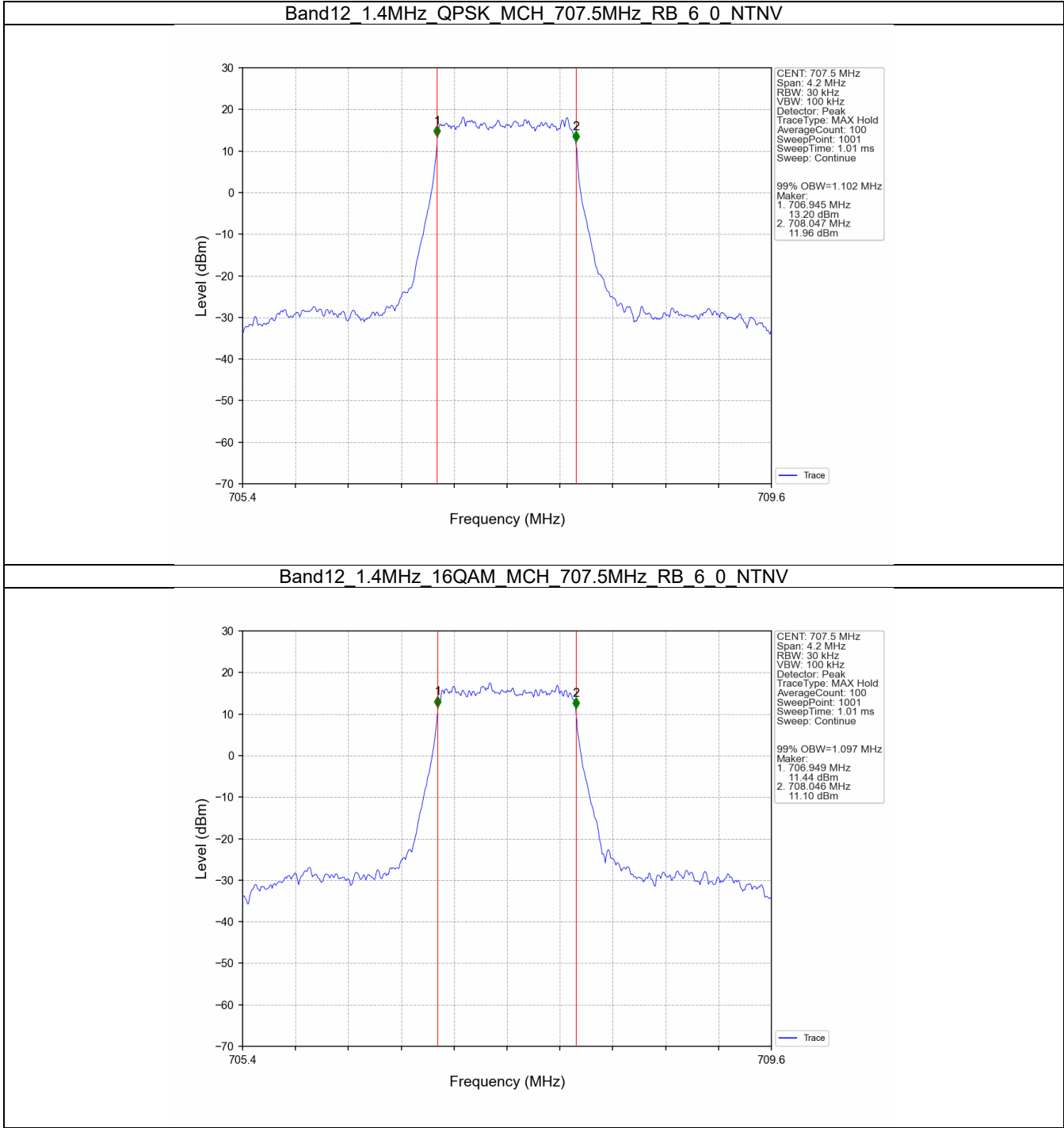
3.1.2 Band12_XDB

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	1.292	/	Pass
	16QAM	707.5	6	0	1.301	/	Pass

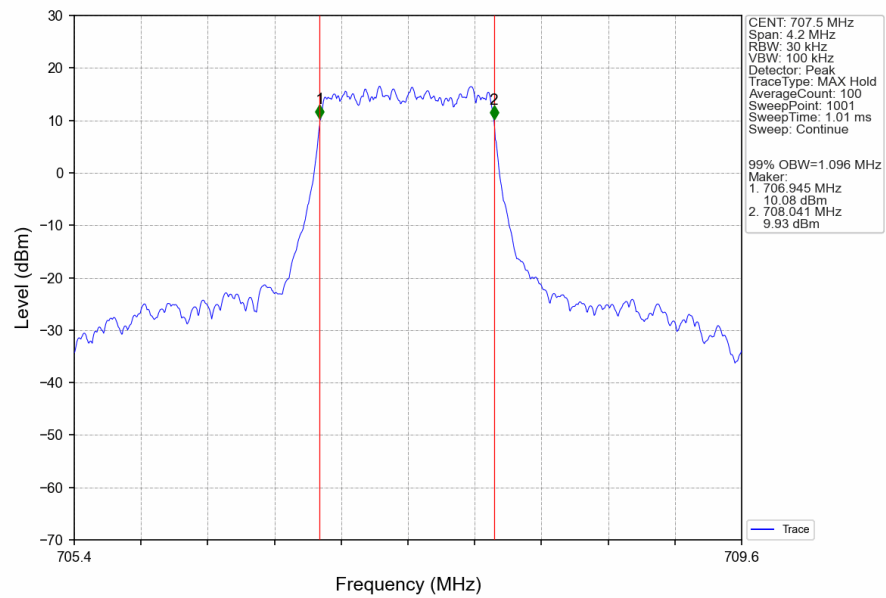
	64QAM	707.5	6	0	1.285	/	Pass
3	QPSK	707.5	15	0	3.033	/	Pass
	16QAM	707.5	15	0	3.015	/	Pass
	64QAM	707.5	15	0	3.025	/	Pass
5	QPSK	707.5	25	0	5.003	/	Pass
	16QAM	707.5	25	0	4.962	/	Pass
	64QAM	707.5	25	0	5.124	/	Pass
10	QPSK	707.5	50	0	9.863	/	Pass
	16QAM	707.5	50	0	9.855	/	Pass
	64QAM	707.5	50	0	9.785	/	Pass

3.2 Test Graph

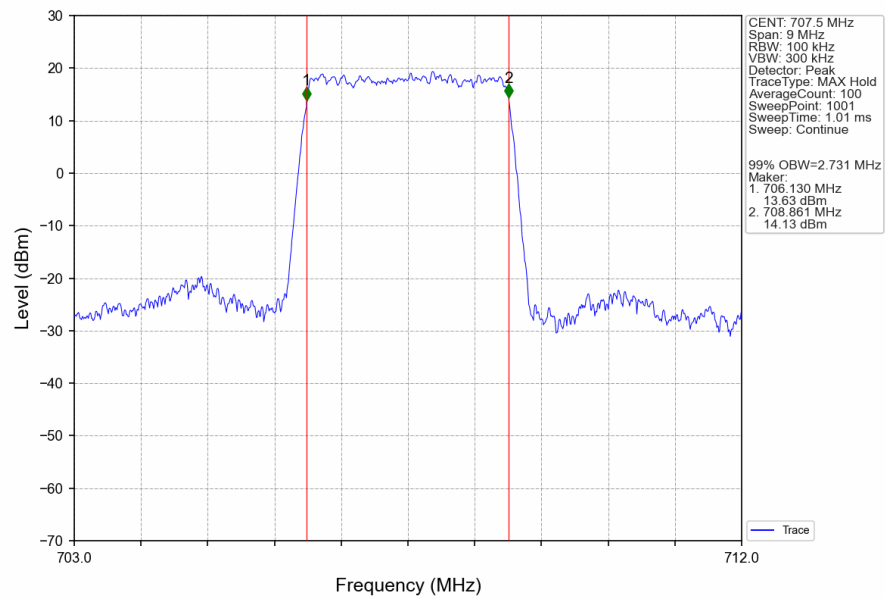
3.2.1 Band12_OBW



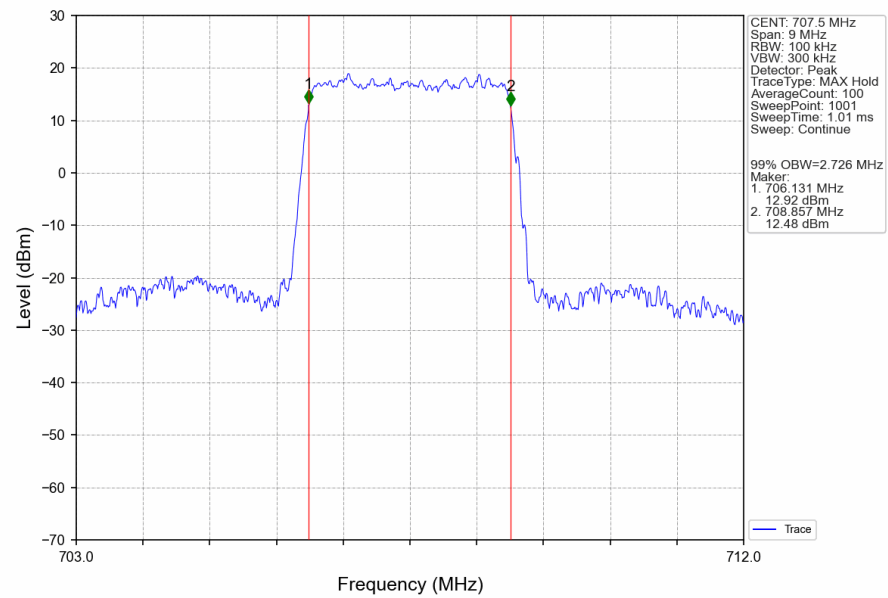
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



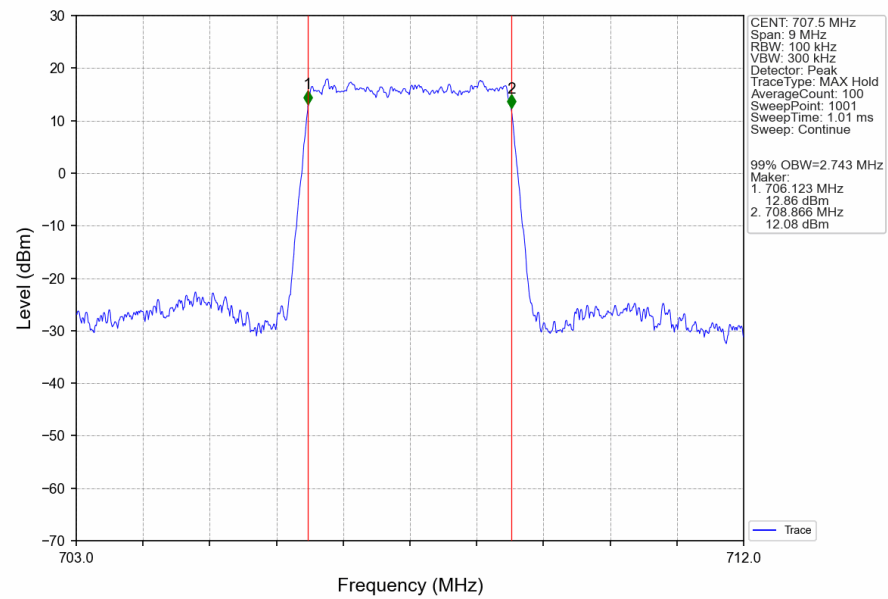
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



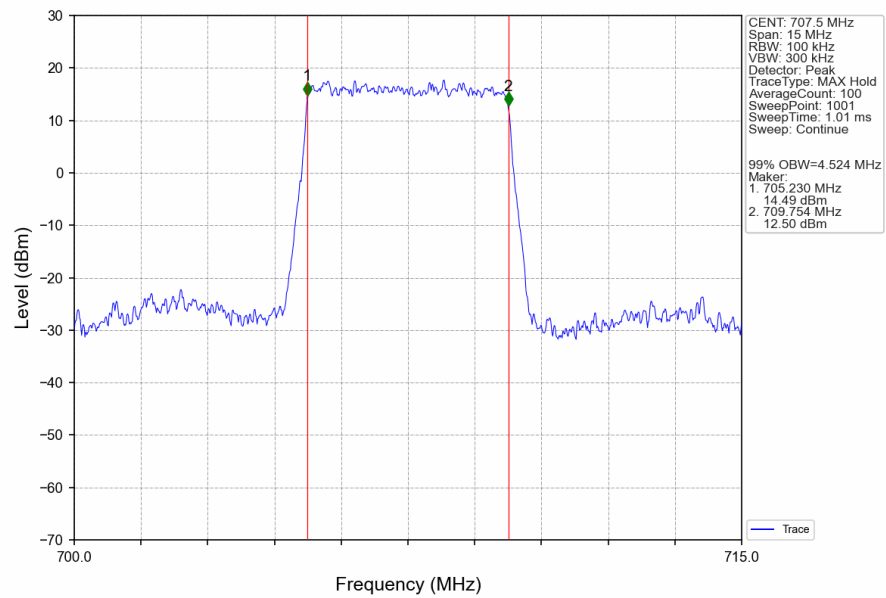
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



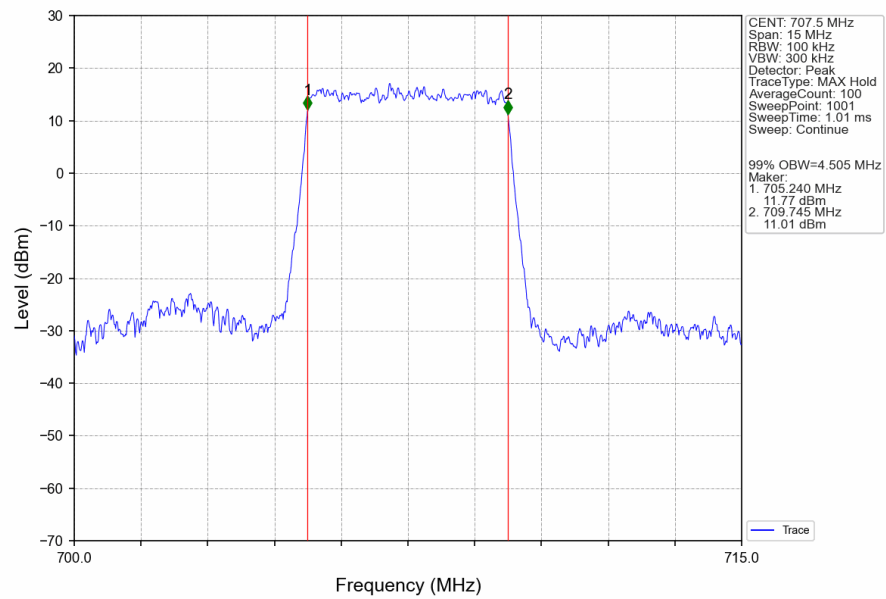
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



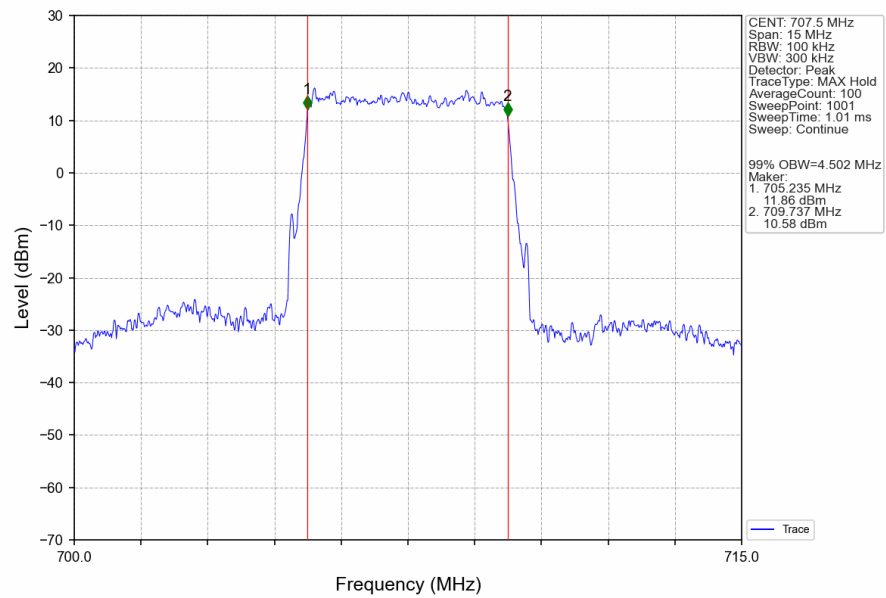
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



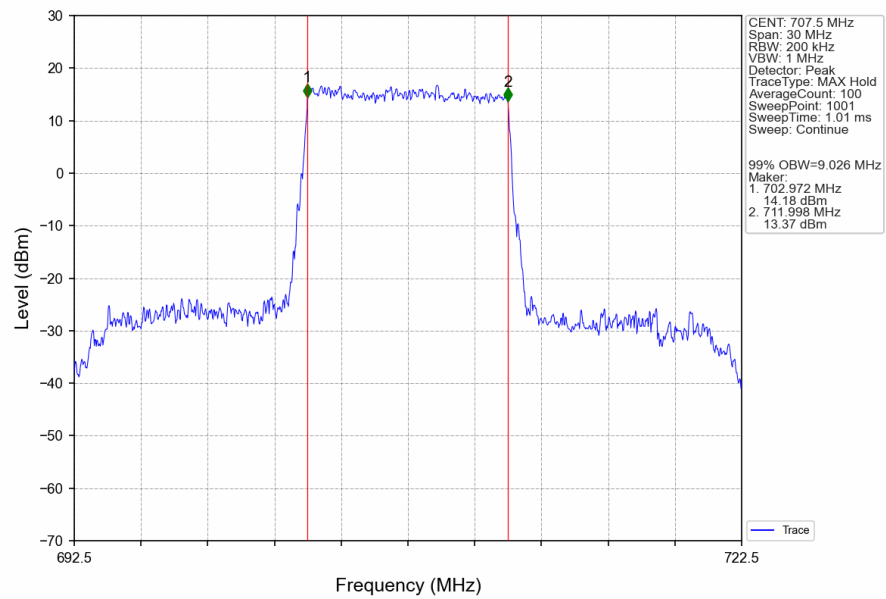
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



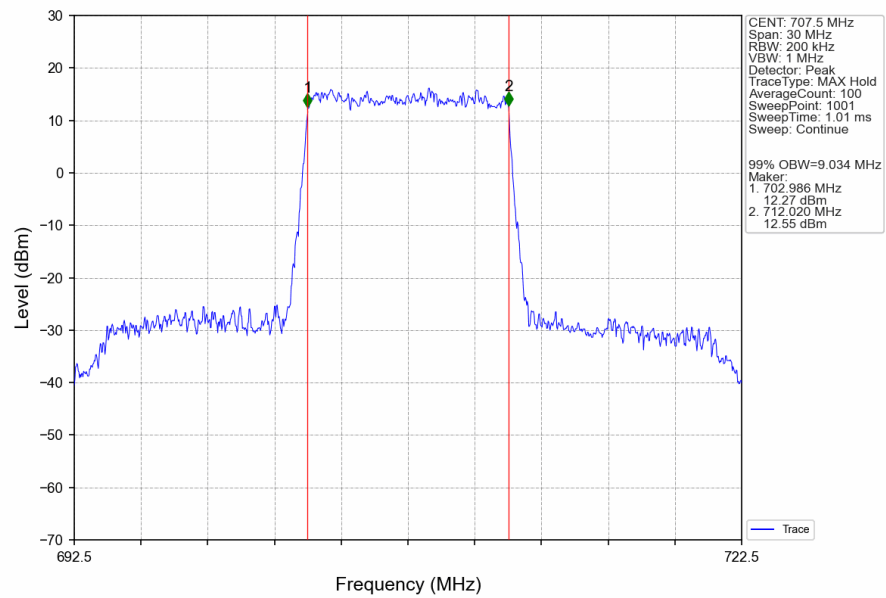
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



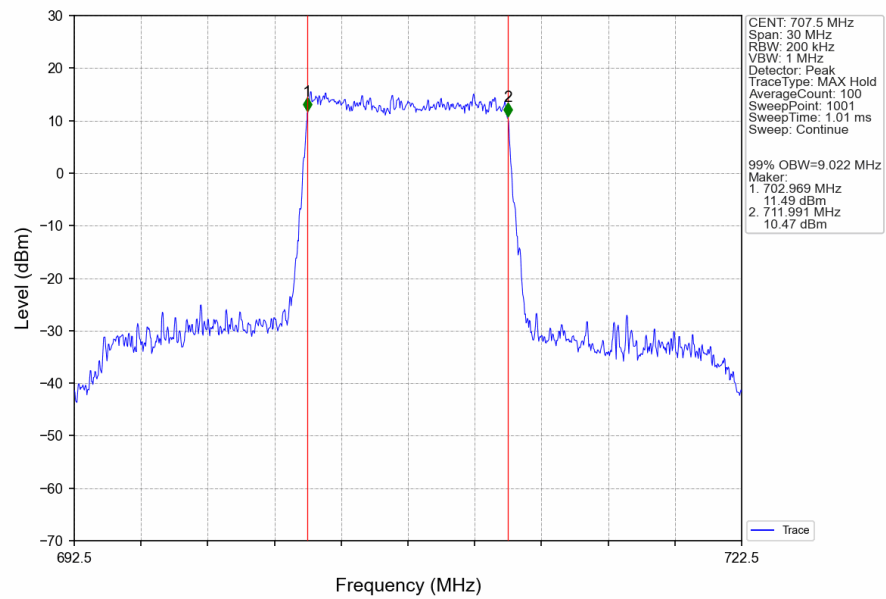
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



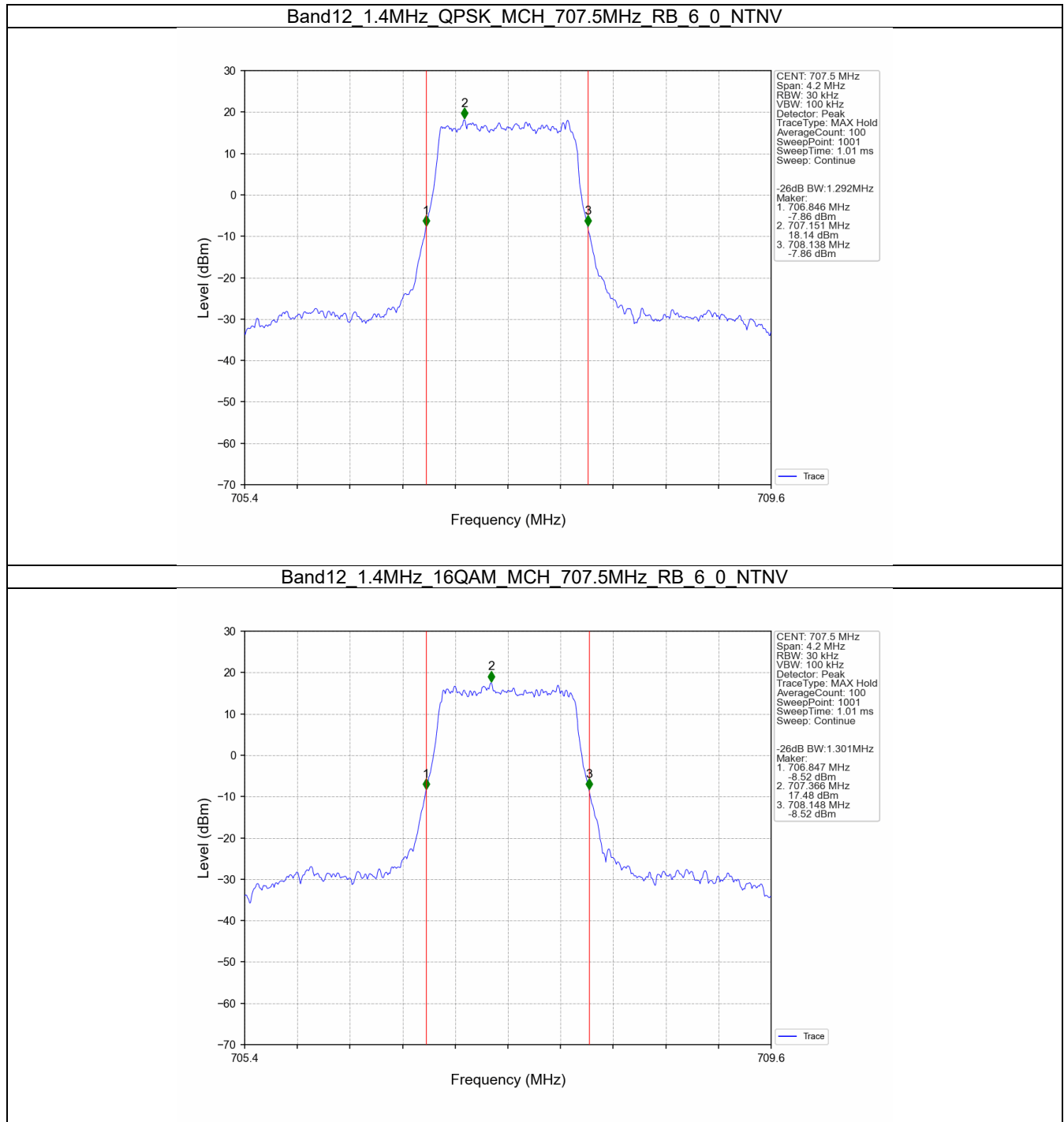
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

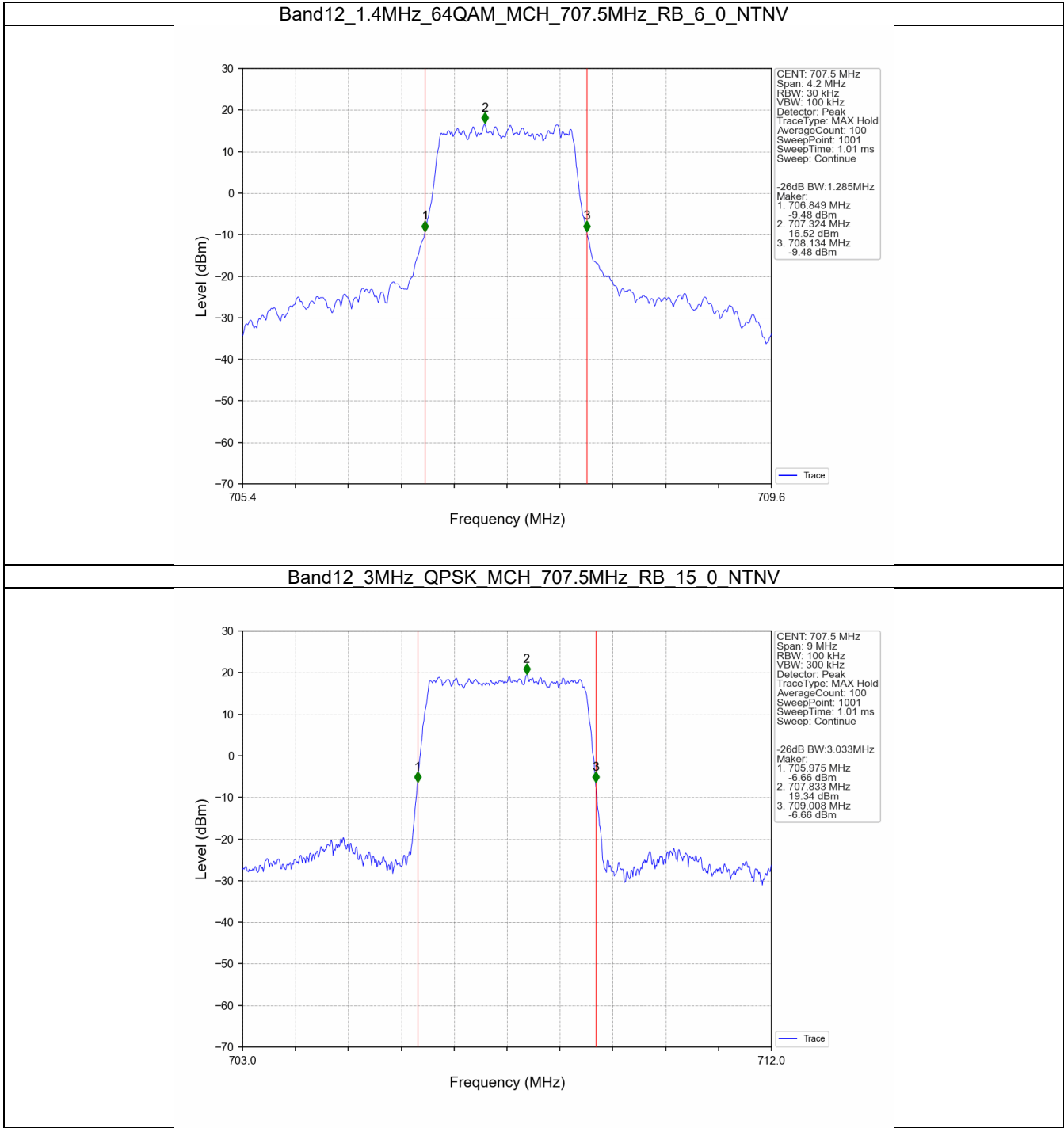


Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV

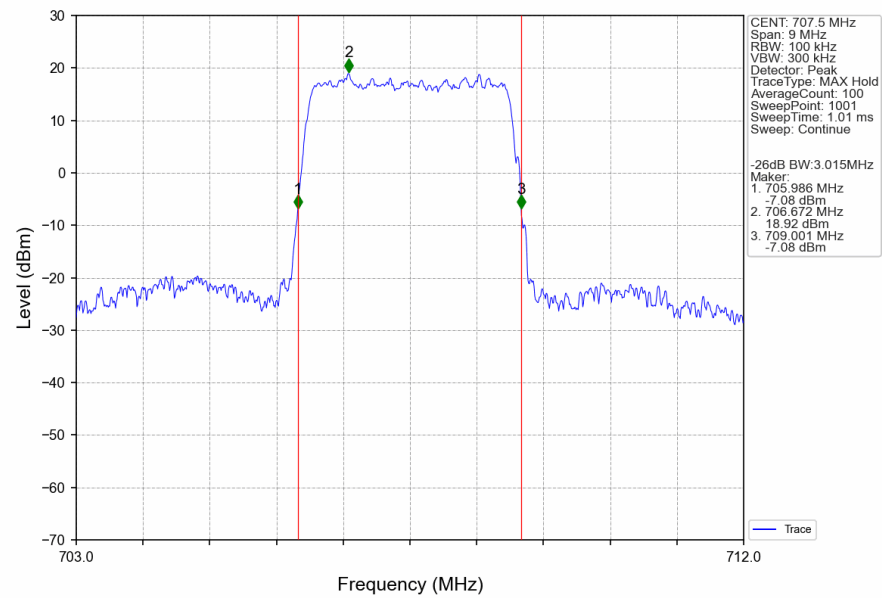


3.2.2 Band12_XDB

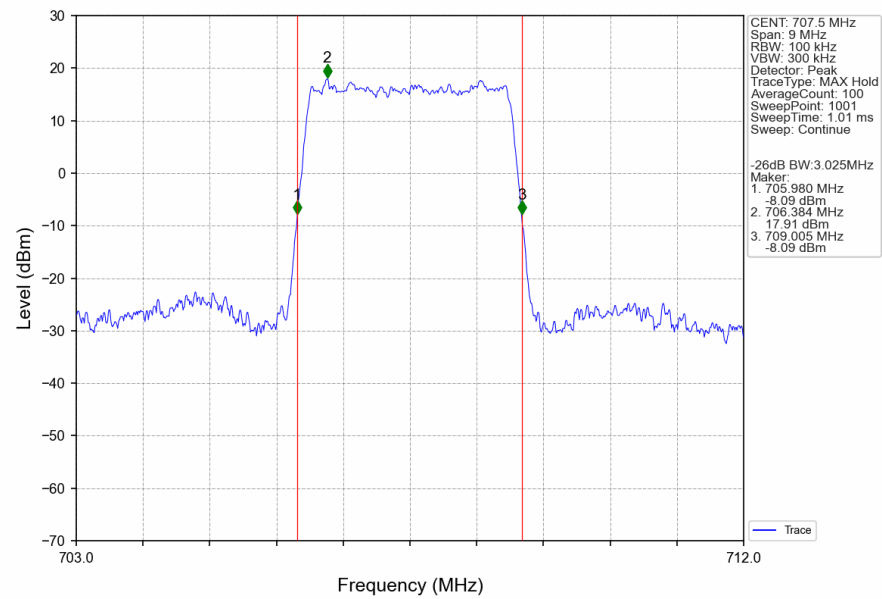




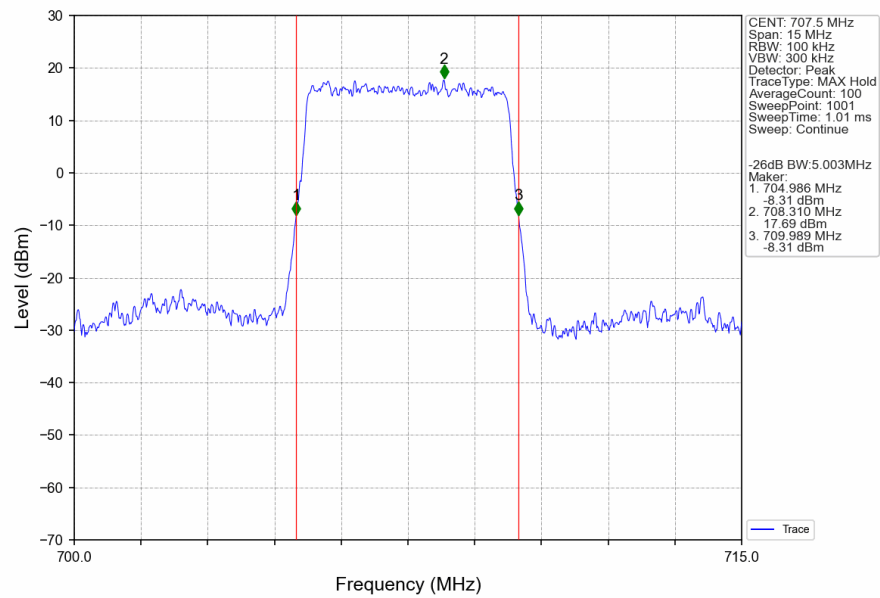
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



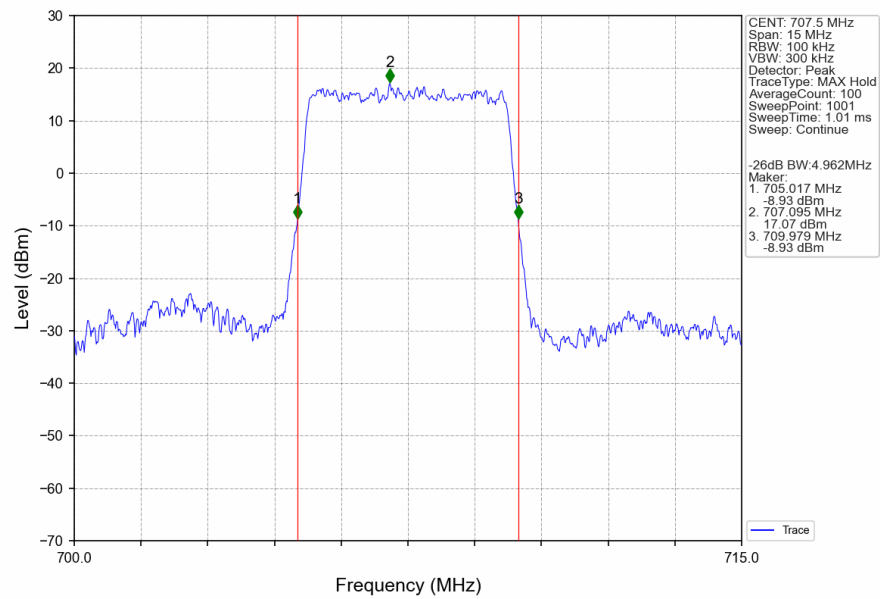
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



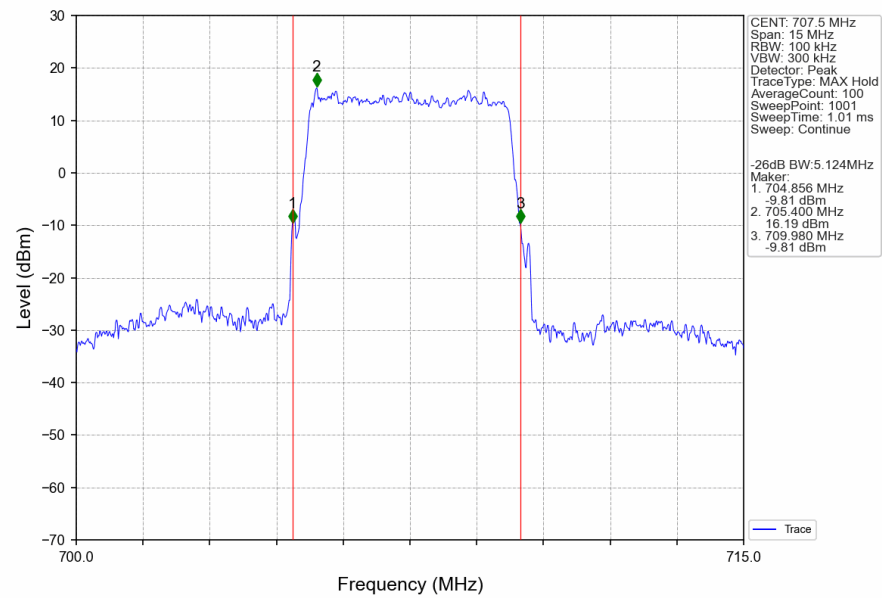
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



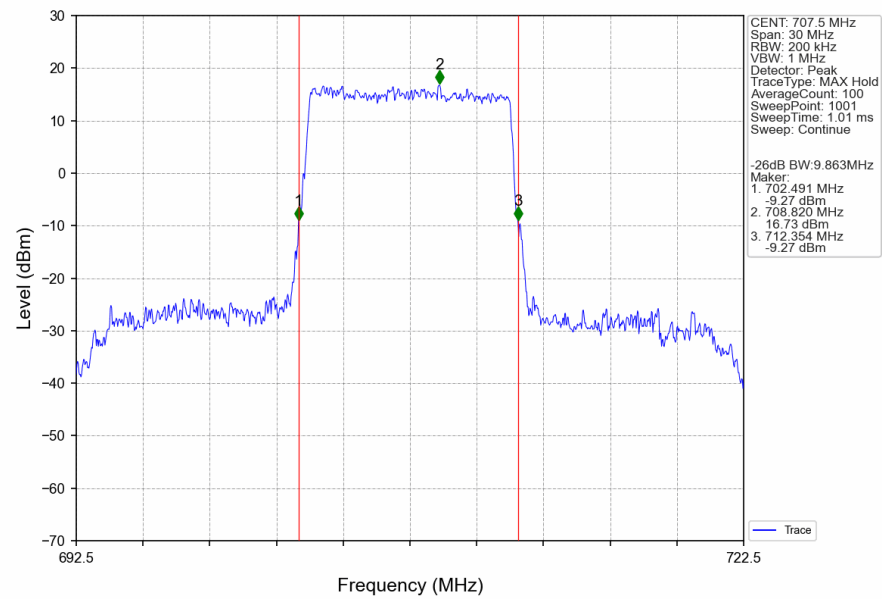
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



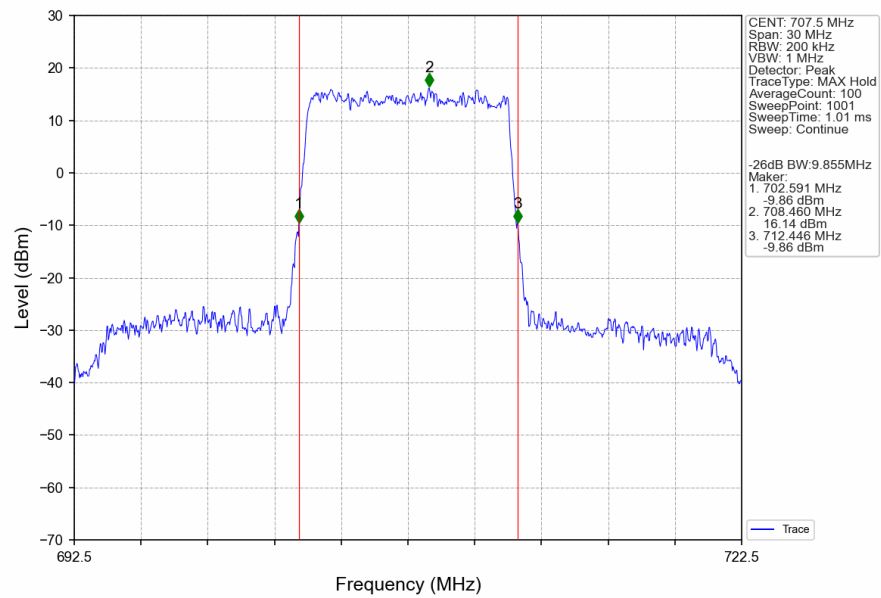
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



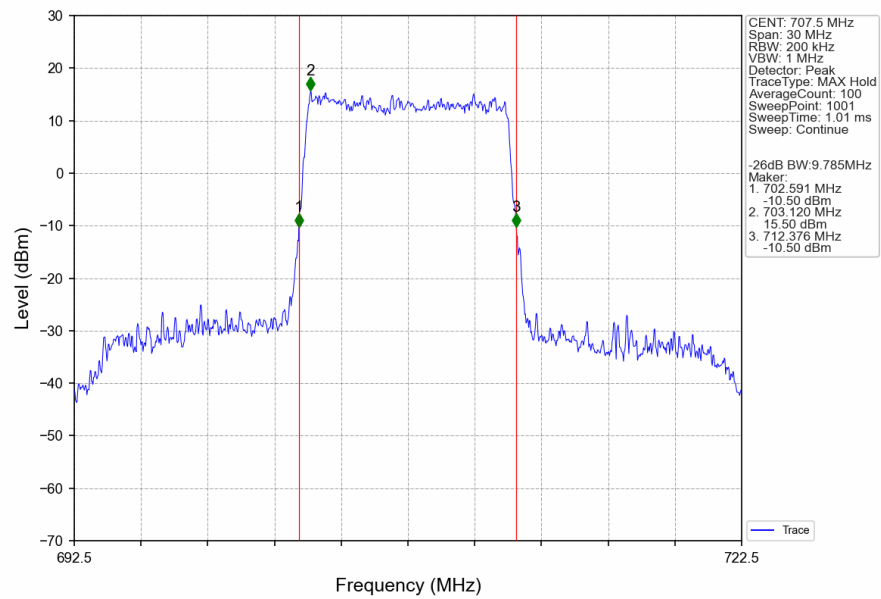
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

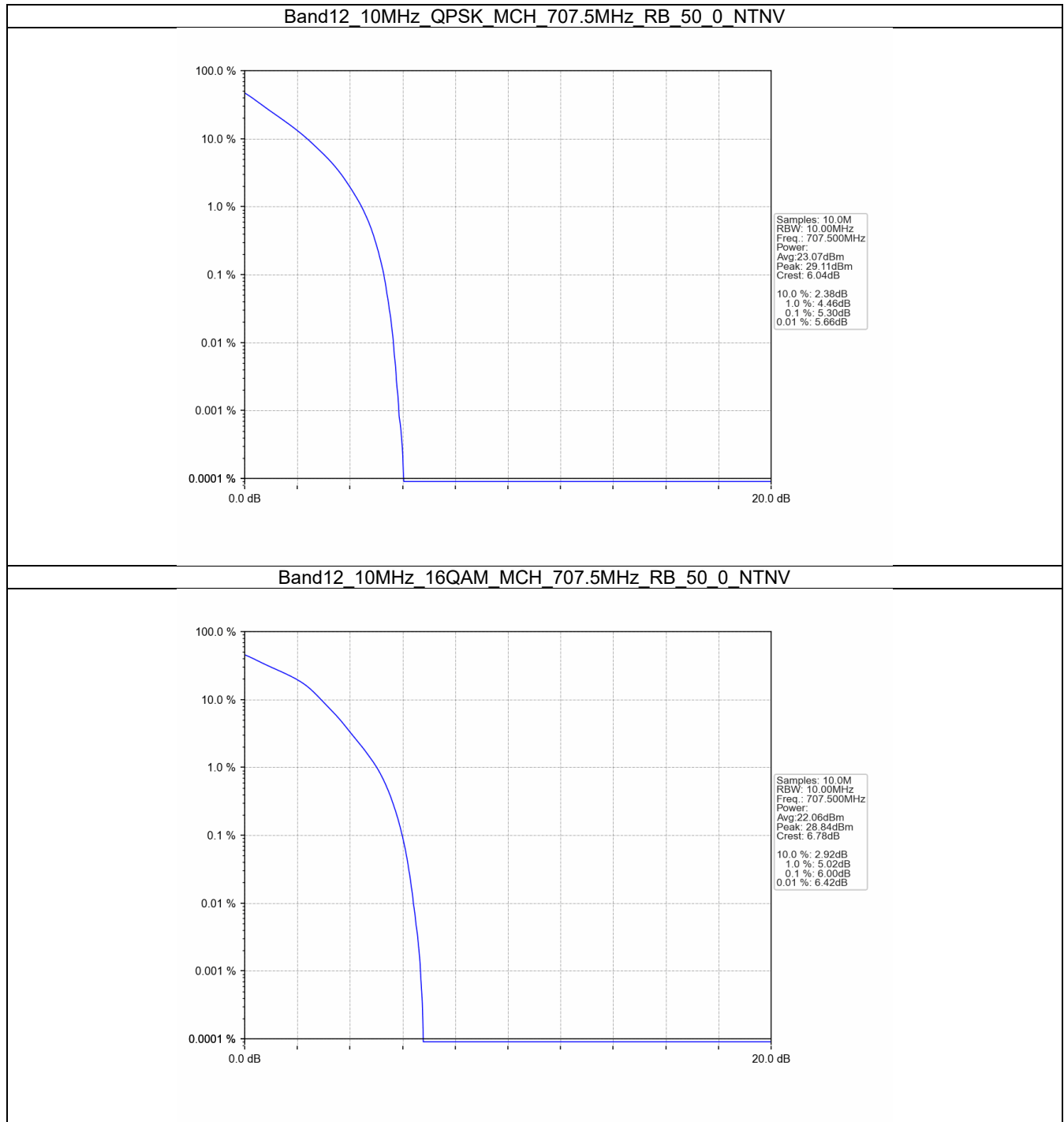
4.1 Test Result

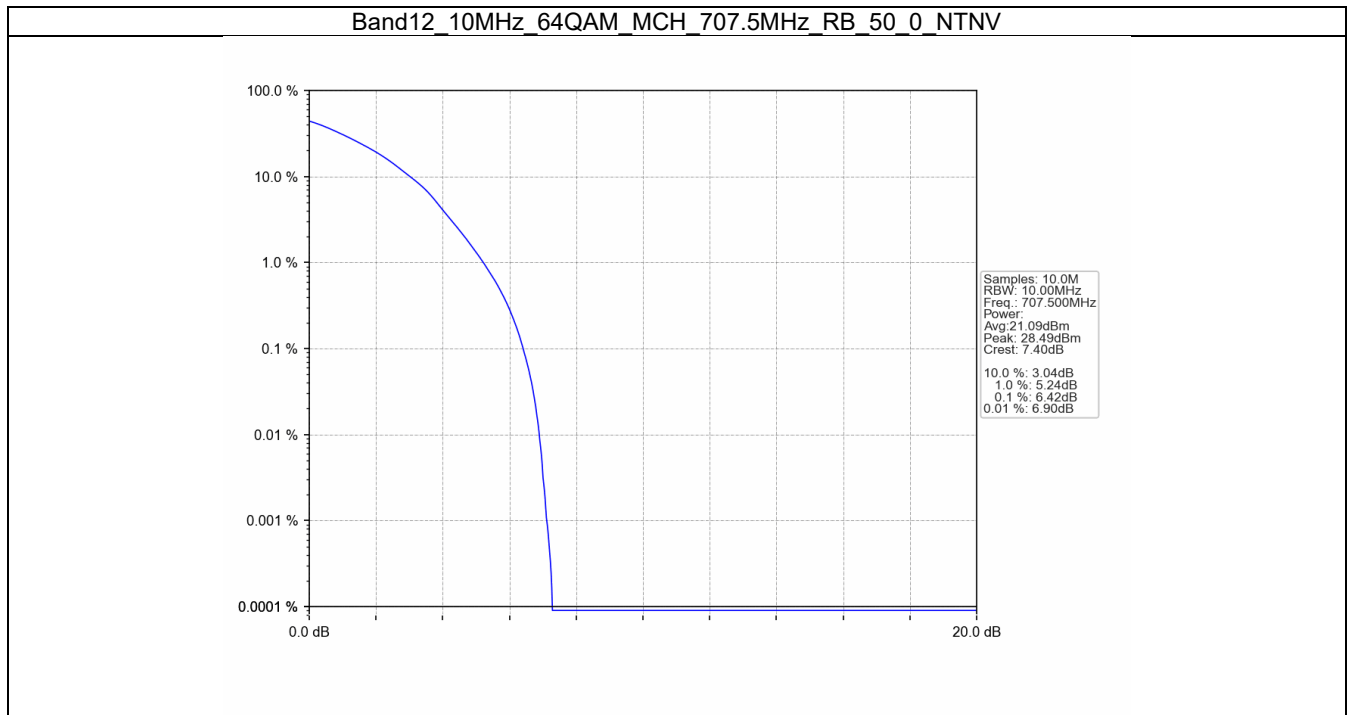
4.1.1 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	5.30	<=13	Pass
16QAM	707.5	50	0	6.00	<=13	Pass
64QAM	707.5	50	0	6.42	<=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

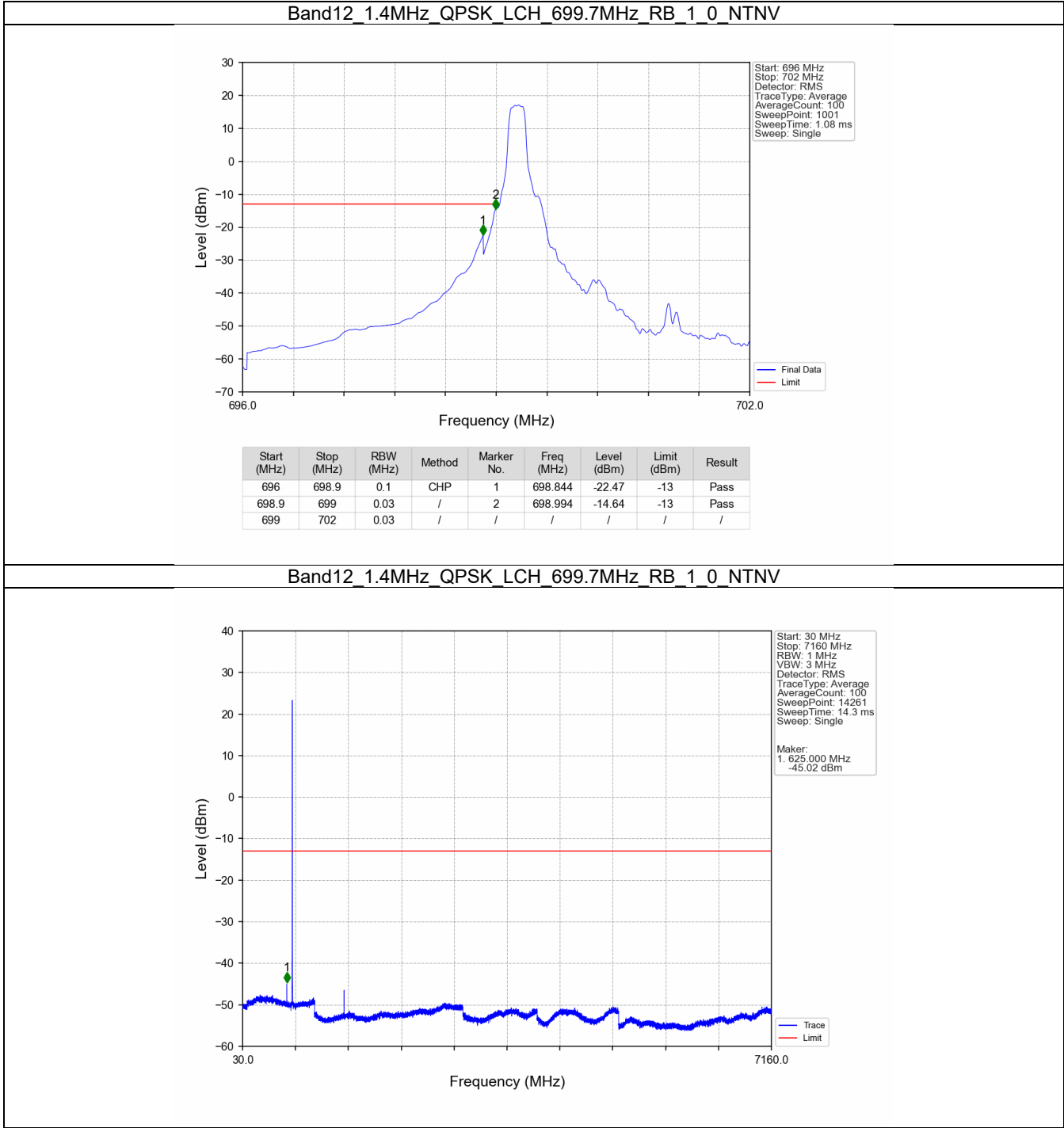
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B12_10MHz

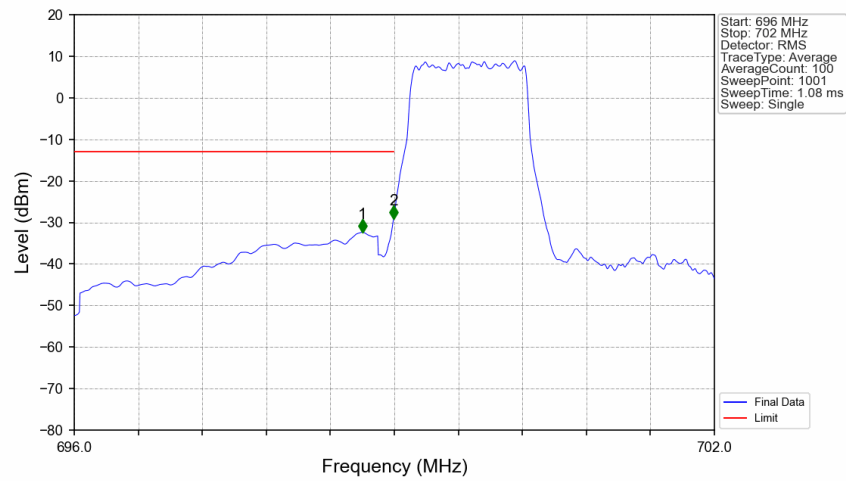
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		711	1	0	Refer To Test Graph	
	49			Refer To Test Graph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

5.2 Test Graph

5.2.1 B12_1.4MHz

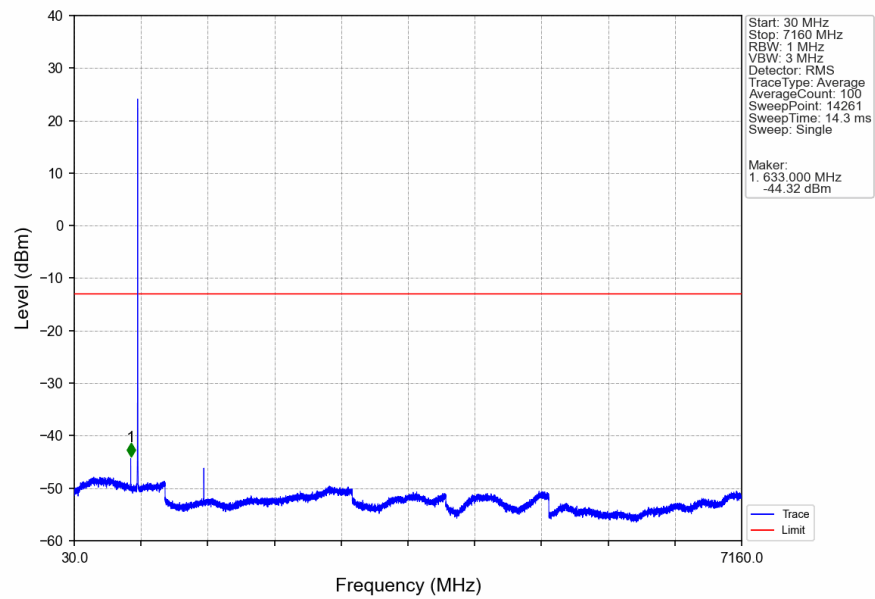


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

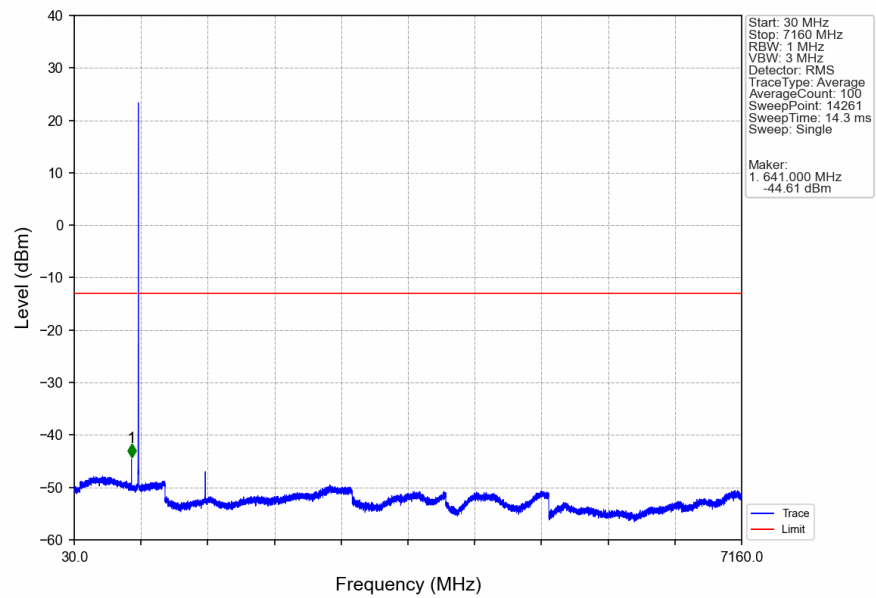


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.700	-32.33	-13	Pass
698.9	699	0.03	/	2	698.994	-29.04	-13	Pass
699	702	0.03	/	/	/	/	/	/

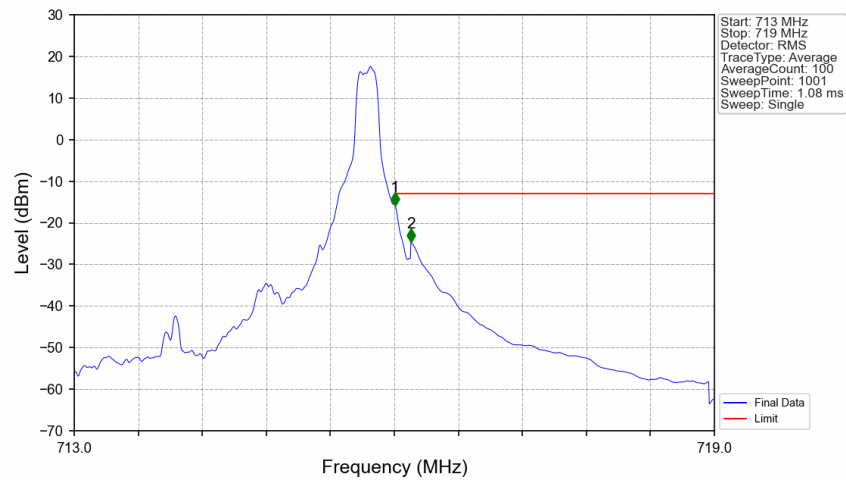
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



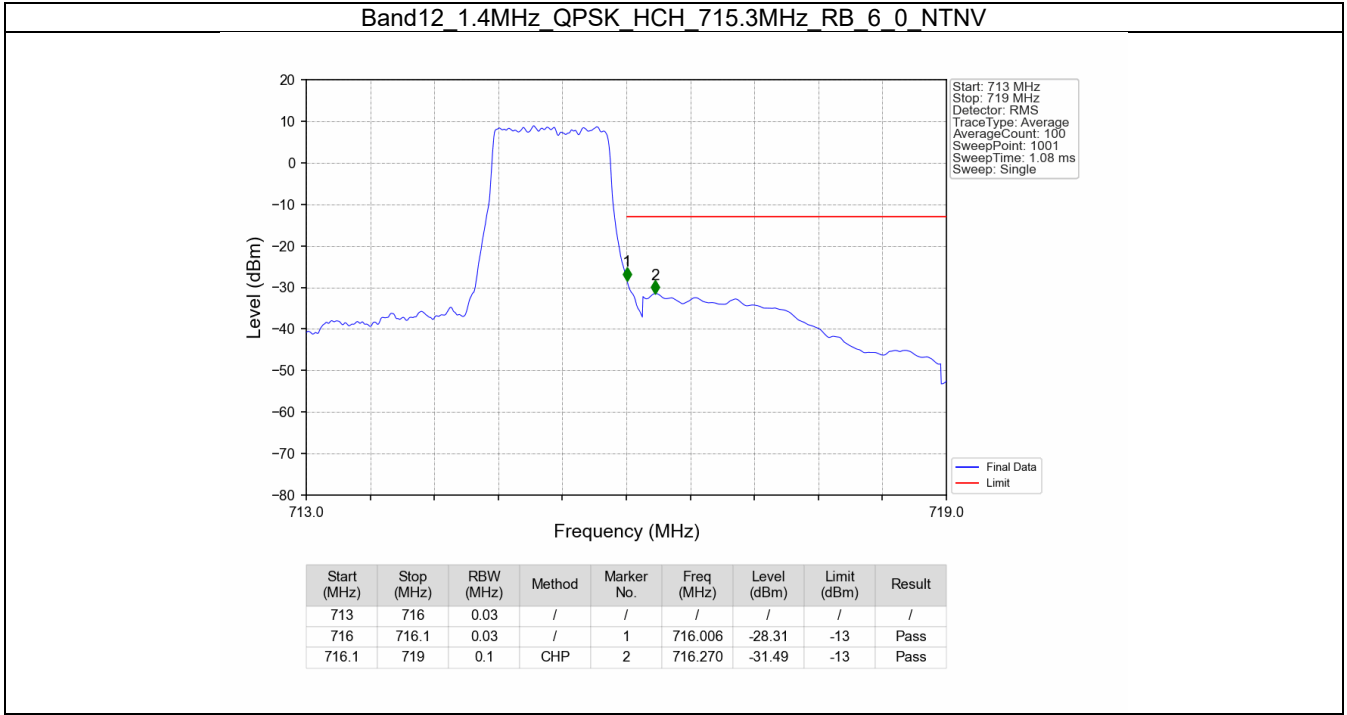
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



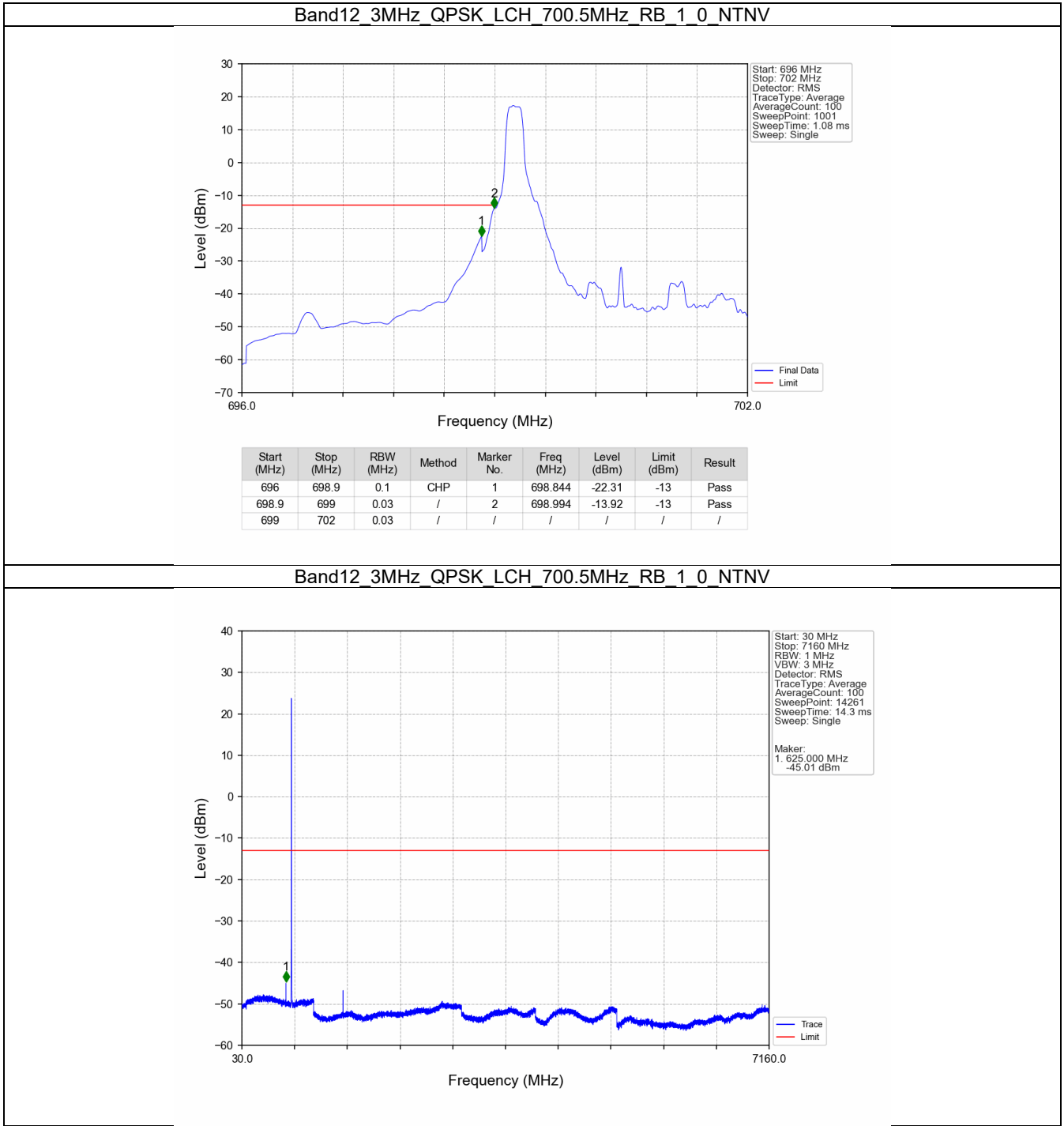
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



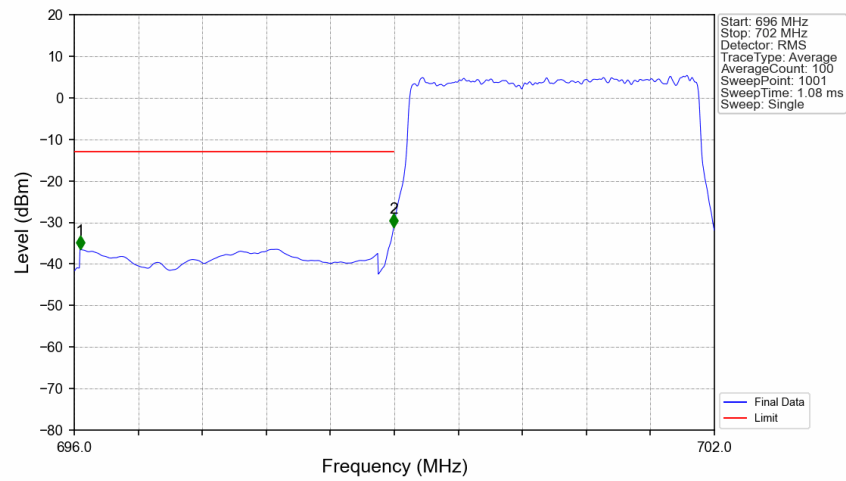
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-15.78	-13	Pass
716.1	719	0.1	CHP	2	716.156	-24.61	-13	Pass



5.2.2 B12_3MHz

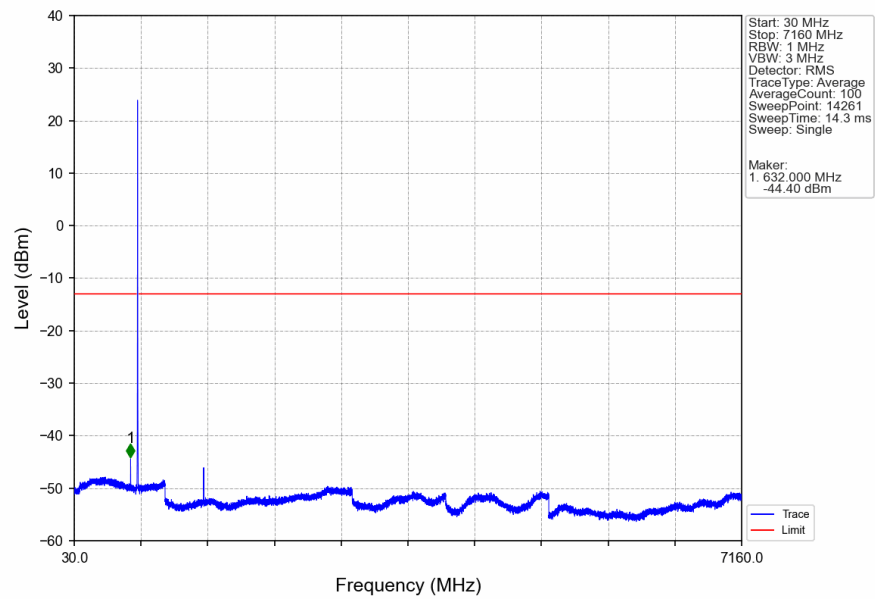


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

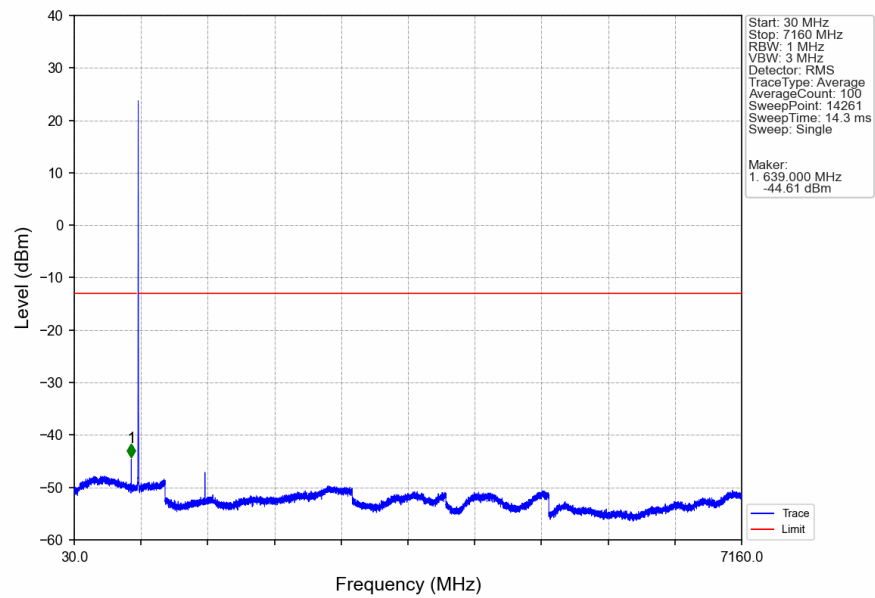


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	696.054	-36.47	-13	Pass
698.9	699	0.03	/	2	698.994	-31.20	-13	Pass
699	702	0.03	/	/	/	/	/	/

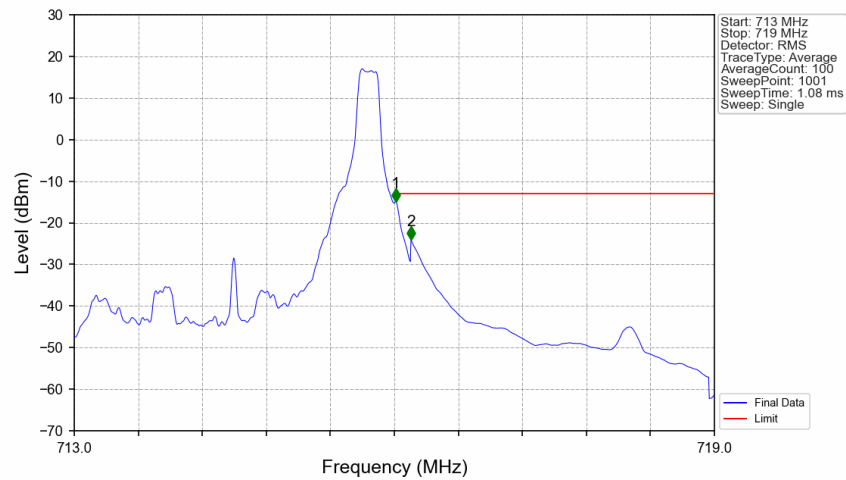
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

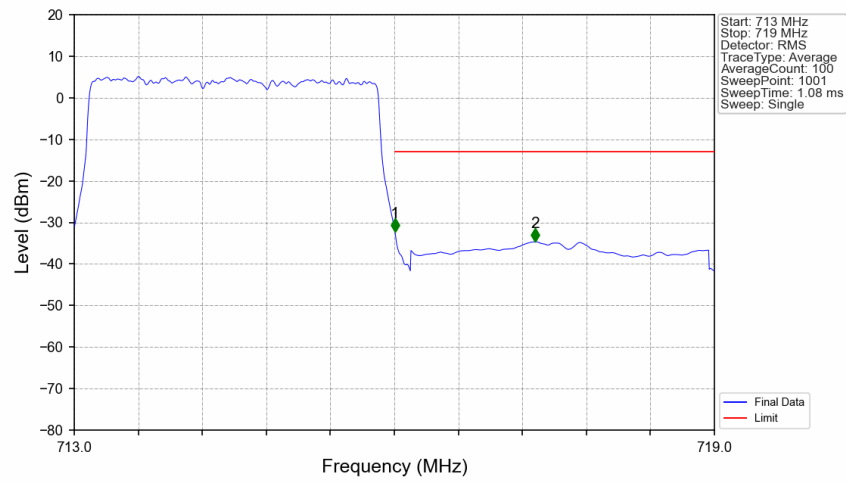


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



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	716.012	-14.86	-13	Pass
716.1	719	0.1	CHP	2	716.156	-24.05	-13	Pass

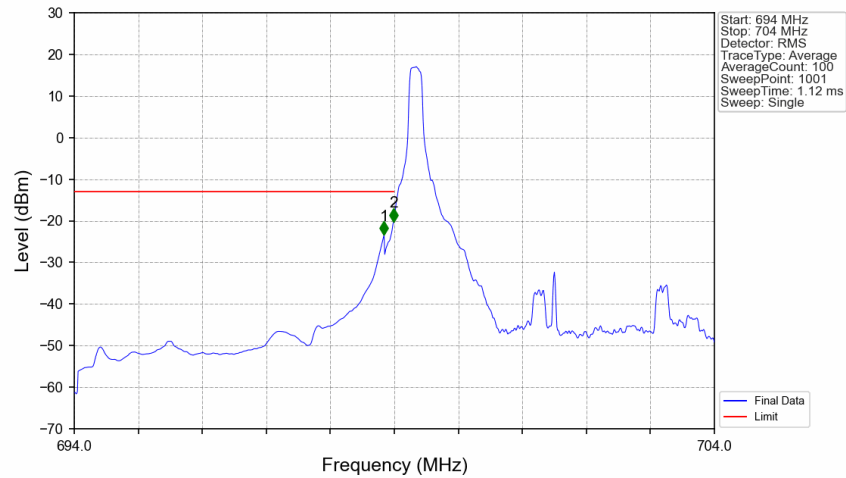
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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	-32.14	-13	Pass
716.1	719	0.1	CHP	2	717.320	-34.66	-13	Pass

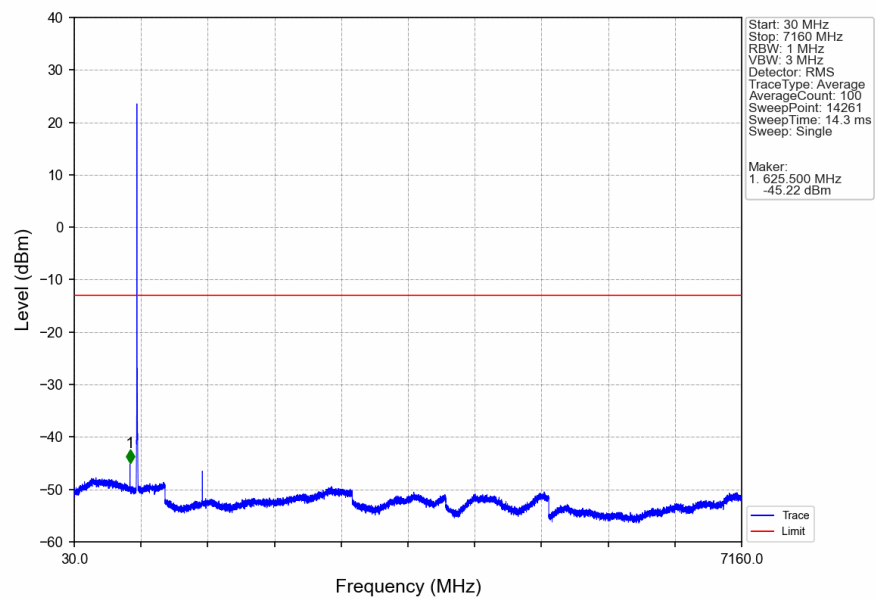
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

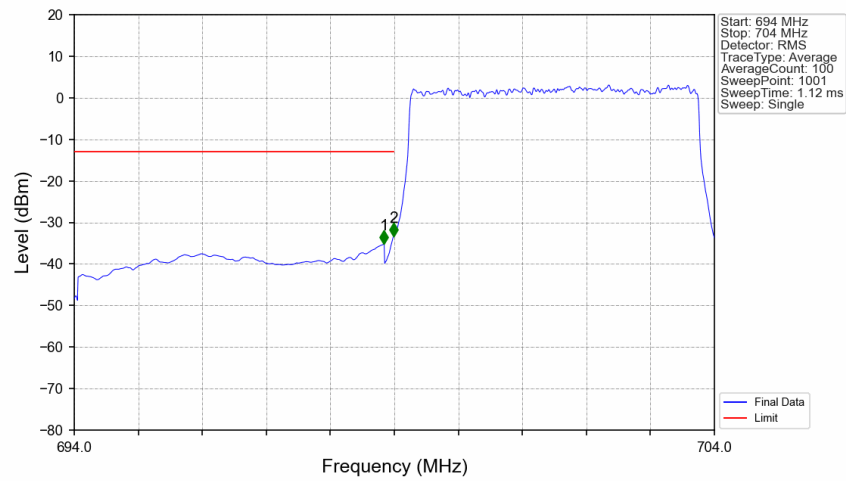


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-23.40	-13	Pass
698.9	699	0.03	/	2	698.990	-20.13	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

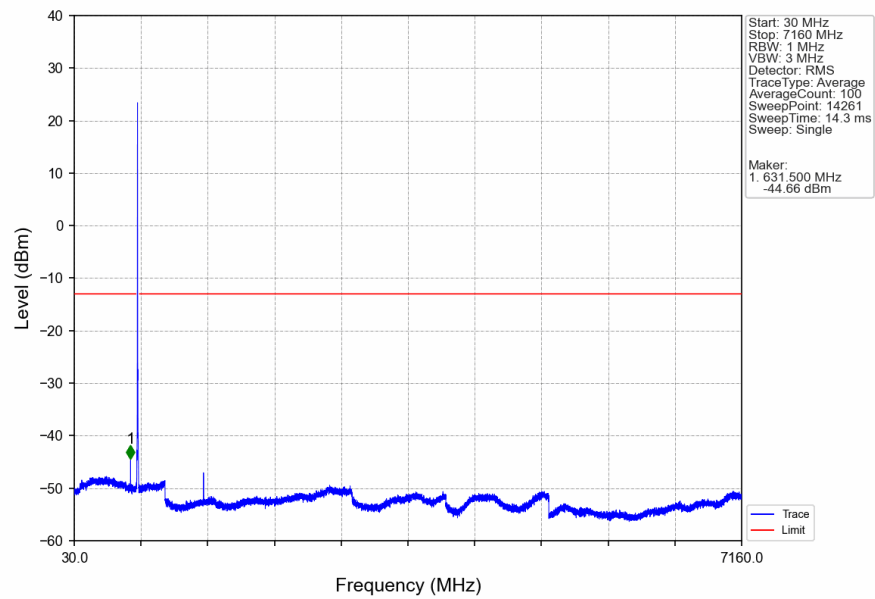


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

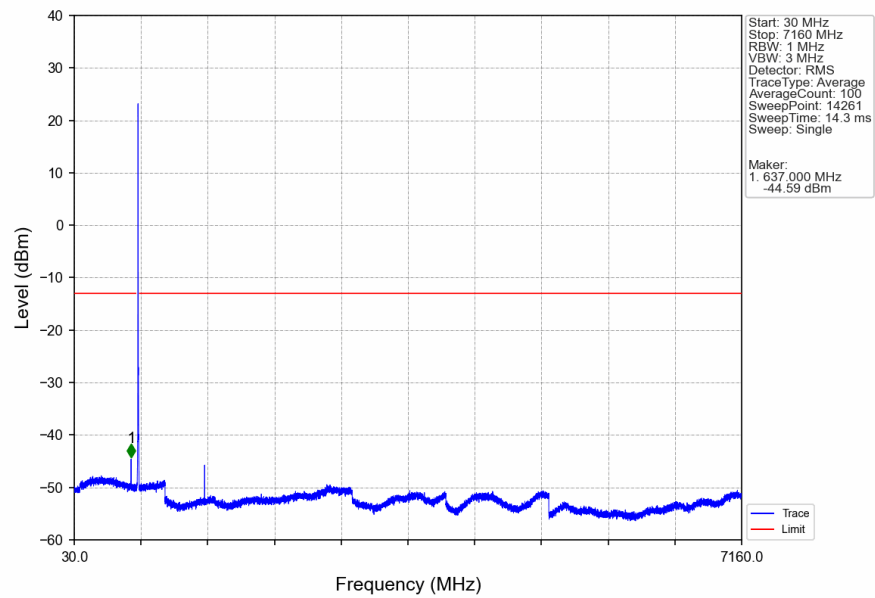


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-35.07	-13	Pass
698.9	699	0.03	/	2	698.990	-33.39	-13	Pass
699	704	0.03	/	/	/	/	/	/

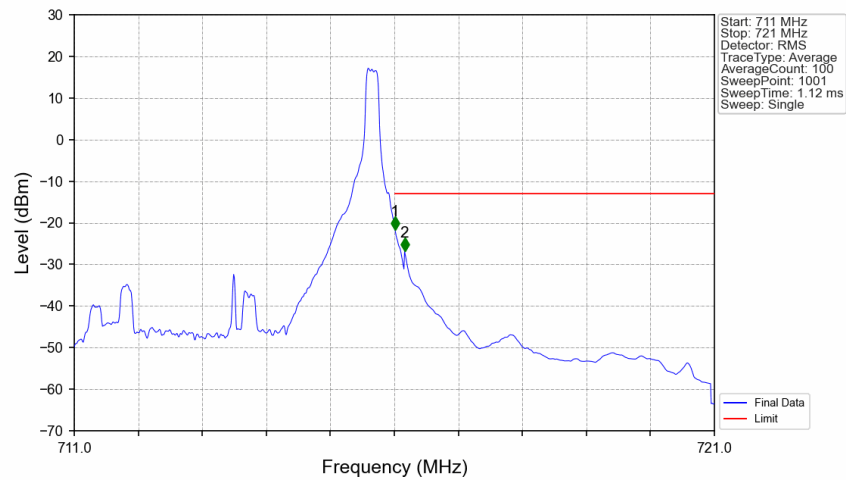
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



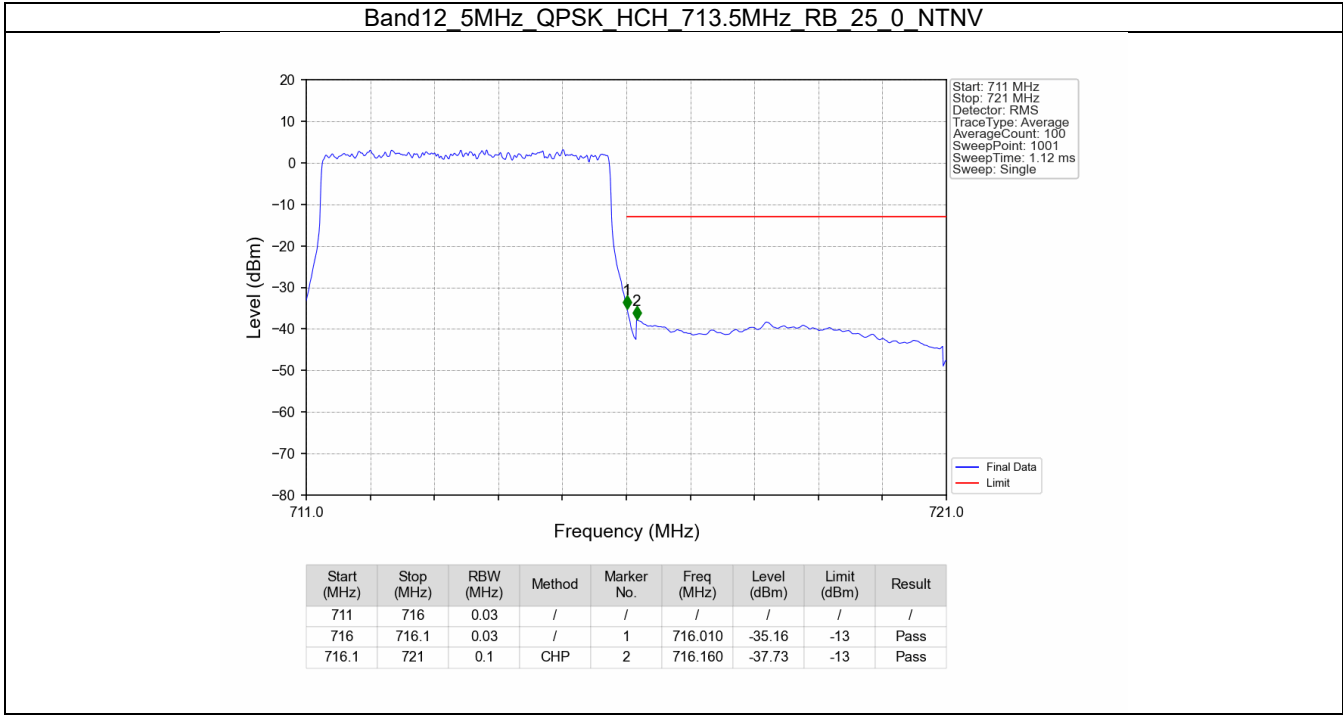
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV

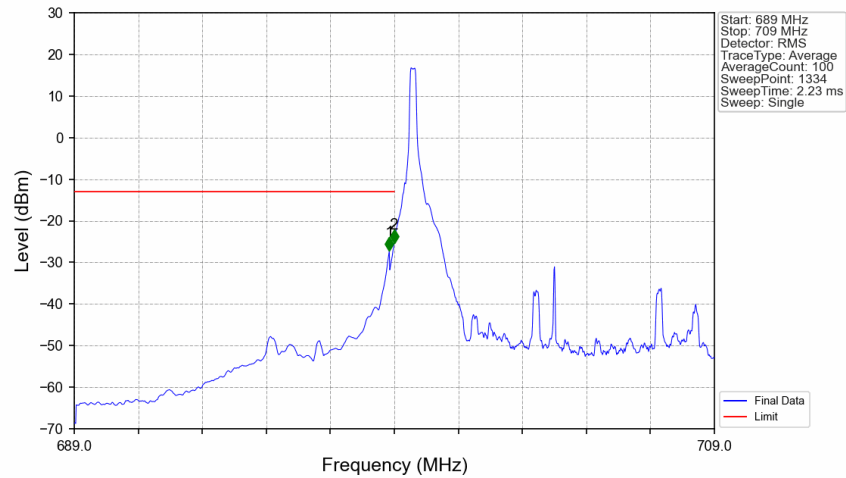


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-21.59	-13	Pass
716.1	721	0.1	CHP	2	716.160	-26.81	-13	Pass



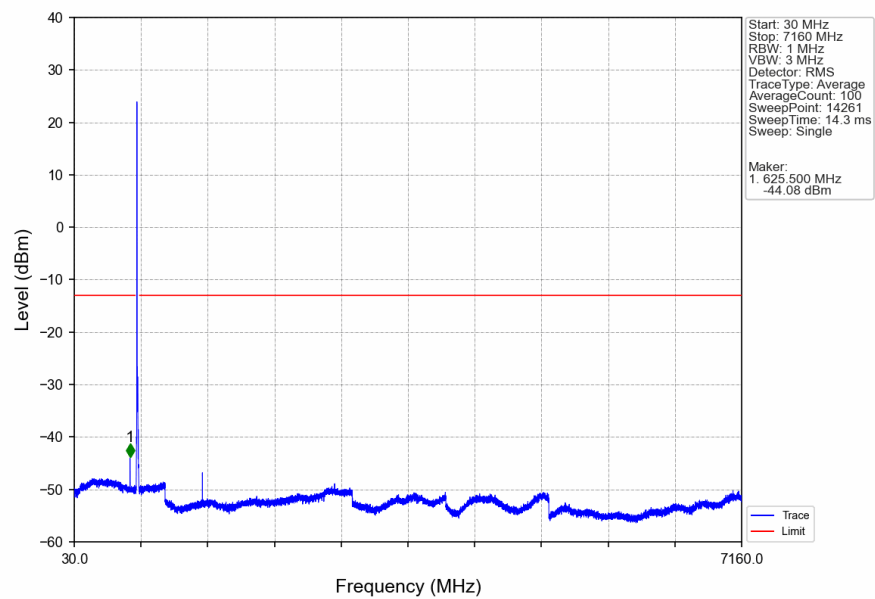
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

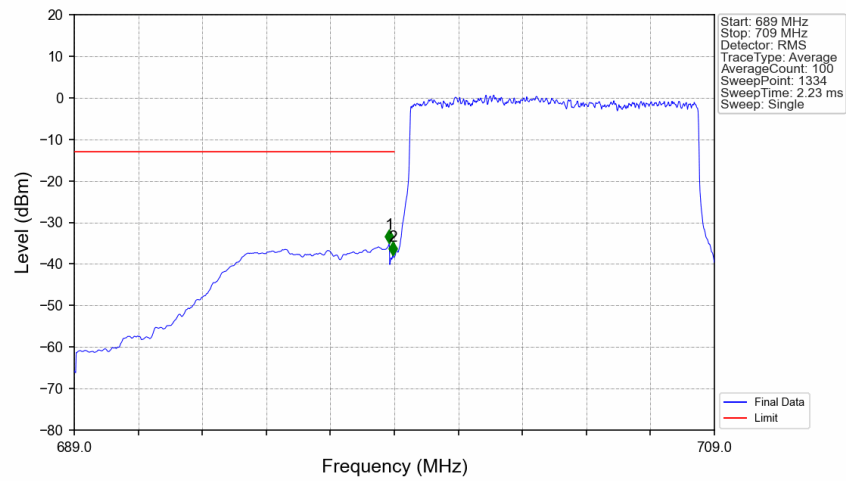


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-27.17	-13	Pass
698.9	699	0.03	/	2	698.992	-25.30	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

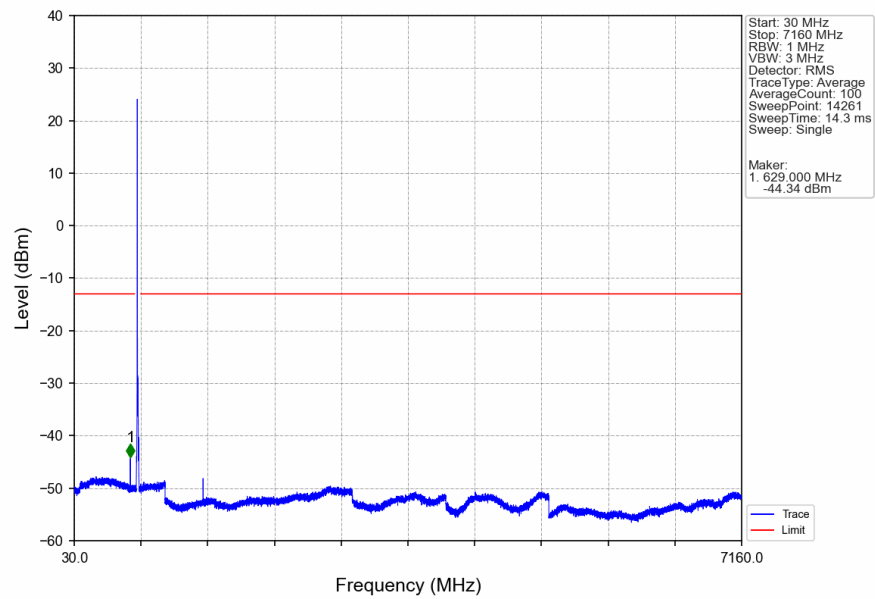


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

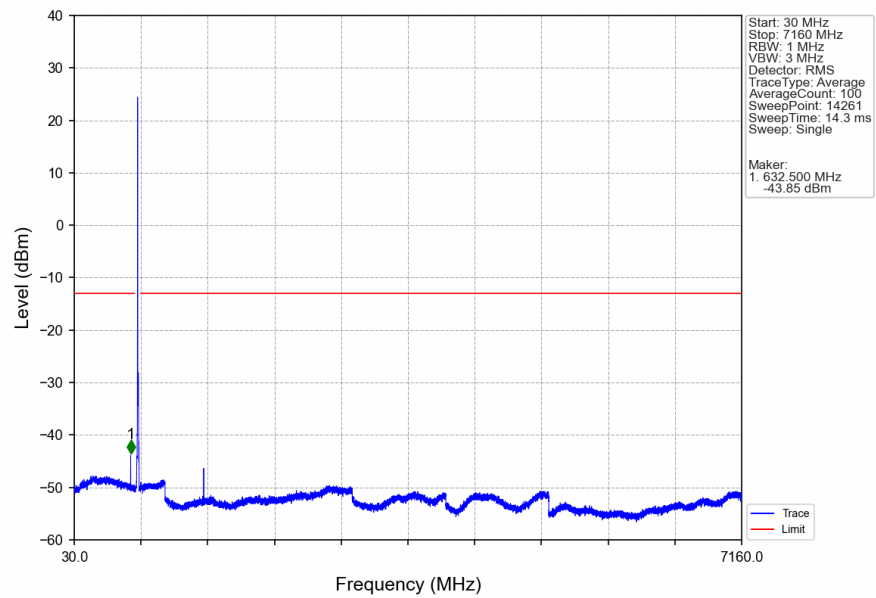


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-35.01	-13	Pass
698.9	699	0.03	/	2	698.962	-37.92	-13	Pass
699	709	0.03	/	/	/	/	/	/

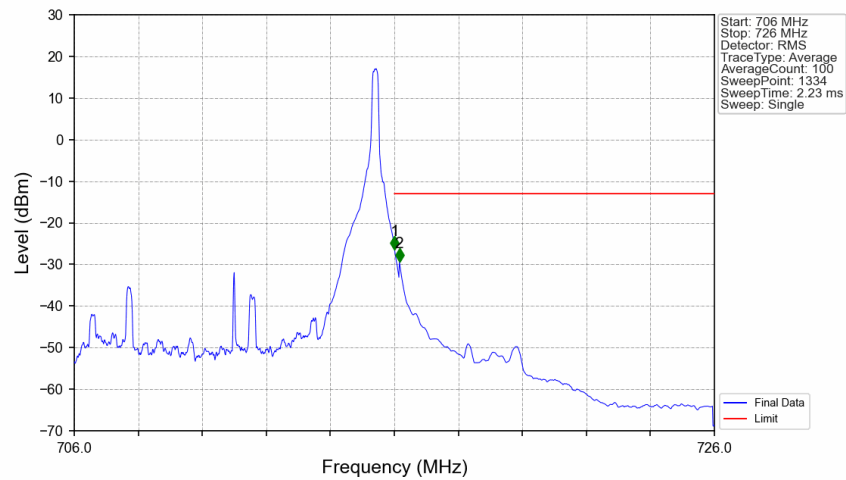
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



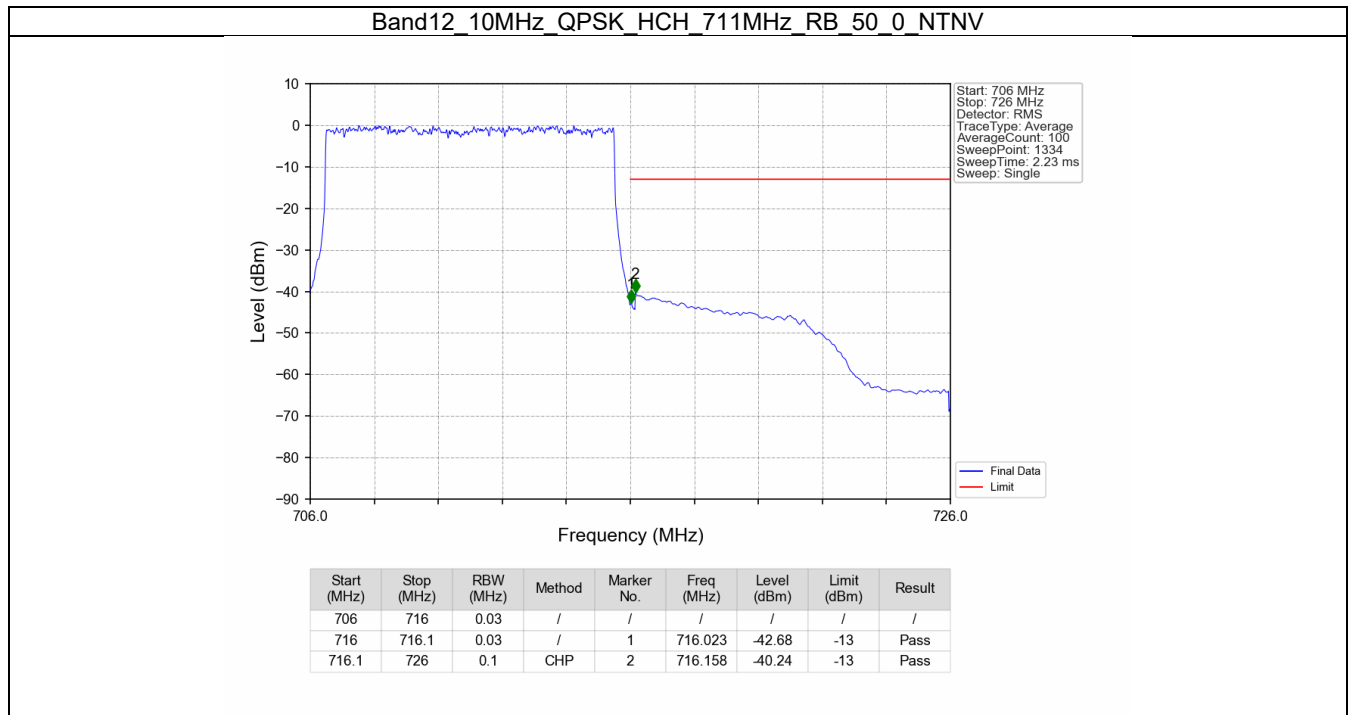
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



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	-26.43	-13	Pass
716.1	726	0.1	CHP	2	716.158	-29.33	-13	Pass



---End of Attachment---