

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	23.72	0.00	21.57	<=34.77	Pass
			2	23.72	0.00	21.57	<=34.77	Pass
			5	23.68	0.00	21.53	<=34.77	Pass
		3	0	23.78	0.00	21.63	<=34.77	Pass
			2	23.74	0.00	21.59	<=34.77	Pass
			3	23.75	0.00	21.60	<=34.77	Pass
		6	0	22.84	0.00	20.69	<=34.77	Pass
	707.5	1	0	23.64	0.00	21.49	<=34.77	Pass
			2	23.67	0.00	21.52	<=34.77	Pass
			5	23.62	0.00	21.47	<=34.77	Pass
		3	0	23.66	0.00	21.51	<=34.77	Pass
			2	23.76	0.00	21.61	<=34.77	Pass
			3	23.71	0.00	21.56	<=34.77	Pass
		6	0	22.67	0.00	20.52	<=34.77	Pass
	715.3	1	0	23.56	0.00	21.41	<=34.77	Pass
			2	23.61	0.00	21.46	<=34.77	Pass
			5	23.47	0.00	21.32	<=34.77	Pass
		3	0	23.62	0.00	21.47	<=34.77	Pass
			2	23.58	0.00	21.43	<=34.77	Pass
			3	23.58	0.00	21.43	<=34.77	Pass
		6	0	22.56	0.00	20.41	<=34.77	Pass
16QAM	699.7	1	0	23.20	0.00	21.05	<=34.77	Pass
			2	23.32	0.00	21.17	<=34.77	Pass
			5	23.11	0.00	20.96	<=34.77	Pass
		3	0	22.81	0.00	20.66	<=34.77	Pass
			2	22.88	0.00	20.73	<=34.77	Pass
			3	22.92	0.00	20.77	<=34.77	Pass
		6	0	21.86	0.00	19.71	<=34.77	Pass
	707.5	1	0	22.96	0.00	20.81	<=34.77	Pass
			2	23.13	0.00	20.98	<=34.77	Pass
			5	22.88	0.00	20.73	<=34.77	Pass
		3	0	22.85	0.00	20.70	<=34.77	Pass
			2	22.80	0.00	20.65	<=34.77	Pass
			3	22.79	0.00	20.64	<=34.77	Pass
		6	0	21.73	0.00	19.58	<=34.77	Pass
	715.3	1	0	22.91	0.00	20.76	<=34.77	Pass
			2	22.97	0.00	20.82	<=34.77	Pass
			5	22.82	0.00	20.67	<=34.77	Pass
		3	0	22.78	0.00	20.63	<=34.77	Pass
			2	22.81	0.00	20.66	<=34.77	Pass
			3	22.68	0.00	20.53	<=34.77	Pass
		6	0	21.73	0.00	19.58	<=34.77	Pass
64QAM	699.7	1	0	22.82	0.00	20.67	<=34.77	Pass
			2	23.01	0.00	20.86	<=34.77	Pass
			5	22.79	0.00	20.64	<=34.77	Pass
		3	0	22.82	0.00	20.67	<=34.77	Pass
			2	22.83	0.00	20.68	<=34.77	Pass
			3	22.78	0.00	20.63	<=34.77	Pass
		6	0	21.84	0.00	19.69	<=34.77	Pass
	707.5	1	0	22.78	0.00	20.63	<=34.77	Pass
			2	22.92	0.00	20.77	<=34.77	Pass
			5	22.93	0.00	20.78	<=34.77	Pass
	707.5	3	0	22.78	0.00	20.63	<=34.77	Pass
			2	22.79	0.00	20.64	<=34.77	Pass

			3	22.73	0.00	20.58	<=34.77	Pass
		6	0	21.70	0.00	19.55	<=34.77	Pass
	715.3	1	0	22.75	0.00	20.60	<=34.77	Pass
			2	22.70	0.00	20.55	<=34.77	Pass
			5	22.69	0.00	20.54	<=34.77	Pass
		3	0	22.75	0.00	20.60	<=34.77	Pass
			2	22.69	0.00	20.54	<=34.77	Pass
			3	22.64	0.00	20.49	<=34.77	Pass
		6	0	21.65	0.00	19.50	<=34.77	Pass
		256QAM	699.7	1	0	18.83	0.00	16.68
2	18.90				0.00	16.75	<=34.77	Pass
5	18.94				0.00	16.79	<=34.77	Pass
3	0			18.80	0.00	16.65	<=34.77	Pass
	2			18.79	0.00	16.64	<=34.77	Pass
	3			18.84	0.00	16.69	<=34.77	Pass
6	0			18.78	0.00	16.63	<=34.77	Pass
707.5	1		0	18.78	0.00	16.63	<=34.77	Pass
			2	18.83	0.00	16.68	<=34.77	Pass
			5	18.85	0.00	16.70	<=34.77	Pass
	3		0	18.79	0.00	16.64	<=34.77	Pass
			2	18.73	0.00	16.58	<=34.77	Pass
			3	18.83	0.00	16.68	<=34.77	Pass
	6		0	18.71	0.00	16.56	<=34.77	Pass
715.3	1		0	18.68	0.00	16.53	<=34.77	Pass
			2	18.64	0.00	16.49	<=34.77	Pass
			5	18.72	0.00	16.57	<=34.77	Pass
	3		0	18.71	0.00	16.56	<=34.77	Pass
		2	18.63	0.00	16.48	<=34.77	Pass	
		3	18.69	0.00	16.54	<=34.77	Pass	
	6	0	18.63	0.00	16.48	<=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	23.66	0.00	21.51	<=34.77	Pass
			7	23.76	0.00	21.61	<=34.77	Pass
			14	23.72	0.00	21.57	<=34.77	Pass
		8	0	22.78	0.00	20.63	<=34.77	Pass
			4	22.83	0.00	20.68	<=34.77	Pass
			7	22.77	0.00	20.62	<=34.77	Pass
		15	0	22.76	0.00	20.61	<=34.77	Pass
	707.5	1	0	23.65	0.00	21.50	<=34.77	Pass
			7	23.63	0.00	21.48	<=34.77	Pass
			14	23.56	0.00	21.41	<=34.77	Pass
		8	0	22.71	0.00	20.56	<=34.77	Pass
			4	22.79	0.00	20.64	<=34.77	Pass
			7	22.74	0.00	20.59	<=34.77	Pass
		15	0	22.69	0.00	20.54	<=34.77	Pass
	714.5	1	0	23.54	0.00	21.39	<=34.77	Pass
			7	23.56	0.00	21.41	<=34.77	Pass
			14	23.57	0.00	21.42	<=34.77	Pass
		8	0	22.55	0.00	20.40	<=34.77	Pass
			4	22.71	0.00	20.56	<=34.77	Pass
			7	22.64	0.00	20.49	<=34.77	Pass
		15	0	22.69	0.00	20.54	<=34.77	Pass
16QAM	700.5	1	0	23.22	0.00	21.07	<=34.77	Pass
			7	23.12	0.00	20.97	<=34.77	Pass
			14	23.14	0.00	20.99	<=34.77	Pass
		8	0	21.79	0.00	19.64	<=34.77	Pass

	707.5	15	4	21.90	0.00	19.75	<=34.77	Pass
			7	21.84	0.00	19.69	<=34.77	Pass
			0	21.84	0.00	19.69	<=34.77	Pass
		8	0	22.90	0.00	20.75	<=34.77	Pass
			7	23.10	0.00	20.95	<=34.77	Pass
			14	22.90	0.00	20.75	<=34.77	Pass
			0	21.69	0.00	19.54	<=34.77	Pass
			4	21.84	0.00	19.69	<=34.77	Pass
			7	21.84	0.00	19.69	<=34.77	Pass
		15	0	21.69	0.00	19.54	<=34.77	Pass
	714.5	1	0	22.98	0.00	20.83	<=34.77	Pass
			7	22.93	0.00	20.78	<=34.77	Pass
			14	22.81	0.00	20.66	<=34.77	Pass
		8	0	21.62	0.00	19.47	<=34.77	Pass
			4	21.70	0.00	19.55	<=34.77	Pass
			7	21.64	0.00	19.49	<=34.77	Pass
			0	21.58	0.00	19.43	<=34.77	Pass
		15	0	21.58	0.00	19.43	<=34.77	Pass
	700.5	1	0	22.85	0.00	20.70	<=34.77	Pass
			7	22.90	0.00	20.75	<=34.77	Pass
			14	22.70	0.00	20.55	<=34.77	Pass
		8	0	21.79	0.00	19.64	<=34.77	Pass
			4	21.82	0.00	19.67	<=34.77	Pass
			7	21.80	0.00	19.65	<=34.77	Pass
		15	0	21.85	0.00	19.70	<=34.77	Pass
	707.5	1	0	22.77	0.00	20.62	<=34.77	Pass
			7	22.94	0.00	20.79	<=34.77	Pass
			14	22.85	0.00	20.70	<=34.77	Pass
		8	0	21.79	0.00	19.64	<=34.77	Pass
			4	21.76	0.00	19.61	<=34.77	Pass
			7	21.74	0.00	19.59	<=34.77	Pass
		15	0	21.69	0.00	19.54	<=34.77	Pass
	714.5	1	0	22.69	0.00	20.54	<=34.77	Pass
			7	22.78	0.00	20.63	<=34.77	Pass
			14	22.63	0.00	20.48	<=34.77	Pass
		8	0	21.52	0.00	19.37	<=34.77	Pass
			4	21.68	0.00	19.53	<=34.77	Pass
			7	21.63	0.00	19.48	<=34.77	Pass
		15	0	21.55	0.00	19.40	<=34.77	Pass
64QAM	700.5	1	0	18.83	0.00	16.68	<=34.77	Pass
			7	19.28	0.00	17.13	<=34.77	Pass
			14	18.57	0.00	16.42	<=34.77	Pass
		8	0	18.34	0.00	16.19	<=34.77	Pass
			4	18.99	0.00	16.84	<=34.77	Pass
			7	18.87	0.00	16.72	<=34.77	Pass
		15	0	18.76	0.00	16.61	<=34.77	Pass
	707.5	1	0	18.73	0.00	16.58	<=34.77	Pass
			7	18.92	0.00	16.77	<=34.77	Pass
			14	18.75	0.00	16.60	<=34.77	Pass
		8	0	18.75	0.00	16.60	<=34.77	Pass
			4	18.76	0.00	16.61	<=34.77	Pass
			7	18.77	0.00	16.62	<=34.77	Pass
		15	0	18.75	0.00	16.60	<=34.77	Pass
	714.5	1	0	18.75	0.00	16.60	<=34.77	Pass
			7	18.85	0.00	16.70	<=34.77	Pass
			14	18.75	0.00	16.60	<=34.77	Pass
		8	0	18.66	0.00	16.51	<=34.77	Pass
			4	18.72	0.00	16.57	<=34.77	Pass
			7	18.66	0.00	16.51	<=34.77	Pass
		15	0	18.61	0.00	16.46	<=34.77	Pass
256QAM	700.5	1	0	18.83	0.00	16.68	<=34.77	Pass
			7	19.28	0.00	17.13	<=34.77	Pass
			14	18.57	0.00	16.42	<=34.77	Pass
		8	0	18.34	0.00	16.19	<=34.77	Pass
			4	18.99	0.00	16.84	<=34.77	Pass
			7	18.87	0.00	16.72	<=34.77	Pass
		15	0	18.76	0.00	16.61	<=34.77	Pass
	707.5	1	0	18.73	0.00	16.58	<=34.77	Pass
			7	18.92	0.00	16.77	<=34.77	Pass
			14	18.75	0.00	16.60	<=34.77	Pass
		8	0	18.75	0.00	16.60	<=34.77	Pass
			4	18.76	0.00	16.61	<=34.77	Pass
			7	18.77	0.00	16.62	<=34.77	Pass
		15	0	18.75	0.00	16.60	<=34.77	Pass
	714.5	1	0	18.75	0.00	16.60	<=34.77	Pass
			7	18.85	0.00	16.70	<=34.77	Pass
			14	18.75	0.00	16.60	<=34.77	Pass
		8	0	18.66	0.00	16.51	<=34.77	Pass
			4	18.72	0.00	16.57	<=34.77	Pass
			7	18.66	0.00	16.51	<=34.77	Pass
		15	0	18.61	0.00	16.46	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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	23.71	0.00	21.56	<=34.77	Pass
			13	23.75	0.00	21.60	<=34.77	Pass
			24	23.67	0.00	21.52	<=34.77	Pass
		12	0	22.74	0.00	20.59	<=34.77	Pass
			6	22.93	0.00	20.78	<=34.77	Pass
			13	22.82	0.00	20.67	<=34.77	Pass
		25	0	22.82	0.00	20.67	<=34.77	Pass
	707.5	1	0	23.63	0.00	21.48	<=34.77	Pass
			13	23.68	0.00	21.53	<=34.77	Pass
			24	23.57	0.00	21.42	<=34.77	Pass
		12	0	22.73	0.00	20.58	<=34.77	Pass
			6	22.75	0.00	20.60	<=34.77	Pass
			13	22.76	0.00	20.61	<=34.77	Pass
		25	0	22.73	0.00	20.58	<=34.77	Pass
	713.5	1	0	23.64	0.00	21.49	<=34.77	Pass
			13	23.58	0.00	21.43	<=34.77	Pass
			24	23.41	0.00	21.26	<=34.77	Pass
		12	0	22.65	0.00	20.50	<=34.77	Pass
			6	22.59	0.00	20.44	<=34.77	Pass
			13	22.64	0.00	20.49	<=34.77	Pass
		25	0	22.57	0.00	20.42	<=34.77	Pass
16QAM	701.5	1	0	23.25	0.00	21.10	<=34.77	Pass
			13	23.23	0.00	21.08	<=34.77	Pass
			24	23.01	0.00	20.86	<=34.77	Pass
		12	0	21.76	0.00	19.61	<=34.77	Pass
			6	21.82	0.00	19.67	<=34.77	Pass
			13	21.81	0.00	19.66	<=34.77	Pass
		25	0	21.87	0.00	19.72	<=34.77	Pass
	707.5	1	0	23.13	0.00	20.98	<=34.77	Pass
			13	22.99	0.00	20.84	<=34.77	Pass
			24	23.06	0.00	20.91	<=34.77	Pass
		12	0	21.79	0.00	19.64	<=34.77	Pass
			6	21.73	0.00	19.58	<=34.77	Pass
			13	21.72	0.00	19.57	<=34.77	Pass
		25	0	21.71	0.00	19.56	<=34.77	Pass
	713.5	1	0	23.08	0.00	20.93	<=34.77	Pass
			13	23.10	0.00	20.95	<=34.77	Pass
			24	22.90	0.00	20.75	<=34.77	Pass
		12	0	21.73	0.00	19.58	<=34.77	Pass
			6	21.65	0.00	19.50	<=34.77	Pass
			13	21.64	0.00	19.49	<=34.77	Pass
		25	0	21.61	0.00	19.46	<=34.77	Pass
64QAM	701.5	1	0	22.93	0.00	20.78	<=34.77	Pass
			13	22.86	0.00	20.71	<=34.77	Pass
			24	22.90	0.00	20.75	<=34.77	Pass
		12	0	21.72	0.00	19.57	<=34.77	Pass
			6	21.88	0.00	19.73	<=34.77	Pass
			13	21.86	0.00	19.71	<=34.77	Pass
		25	0	21.75	0.00	19.60	<=34.77	Pass
	707.5	1	0	22.84	0.00	20.69	<=34.77	Pass
			13	22.90	0.00	20.75	<=34.77	Pass
			24	23.01	0.00	20.86	<=34.77	Pass
		12	0	21.71	0.00	19.56	<=34.77	Pass
			6	21.73	0.00	19.58	<=34.77	Pass
			13	21.73	0.00	19.58	<=34.77	Pass
		25	0	21.65	0.00	19.50	<=34.77	Pass
	713.5	1	0	22.72	0.00	20.57	<=34.77	Pass
			13	22.76	0.00	20.61	<=34.77	Pass
			24	22.73	0.00	20.58	<=34.77	Pass
		12	0	21.60	0.00	19.45	<=34.77	Pass
			6	21.69	0.00	19.54	<=34.77	Pass
			13	21.69	0.00	19.54	<=34.77	Pass

			13	21.72	0.00	19.57	<=34.77	Pass		
		25	0	21.59	0.00	19.44	<=34.77	Pass		
256QAM	701.5	1	0	18.45	0.00	16.30	<=34.77	Pass		
			13	19.74	0.00	17.59	<=34.77	Pass		
			24	18.75	0.00	16.60	<=34.77	Pass		
		12	0	18.87	0.00	16.72	<=34.77	Pass		
			6	18.86	0.00	16.71	<=34.77	Pass		
			13	18.81	0.00	16.66	<=34.77	Pass		
		25	0	18.79	0.00	16.64	<=34.77	Pass		
		707.5	1	0	18.86	0.00	16.71	<=34.77	Pass	
				13	18.68	0.00	16.53	<=34.77	Pass	
	24			18.73	0.00	16.58	<=34.77	Pass		
	12		0	18.78	0.00	16.63	<=34.77	Pass		
			6	18.79	0.00	16.64	<=34.77	Pass		
			13	18.73	0.00	16.58	<=34.77	Pass		
	25		0	18.75	0.00	16.60	<=34.77	Pass		
	713.5		1	0	18.76	0.00	16.61	<=34.77	Pass	
				13	18.67	0.00	16.52	<=34.77	Pass	
		24		18.60	0.00	16.45	<=34.77	Pass		
		12	0	18.66	0.00	16.51	<=34.77	Pass		
			6	18.62	0.00	16.47	<=34.77	Pass		
			13	18.62	0.00	16.47	<=34.77	Pass		
		25	0	18.59	0.00	16.44	<=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	23.83	0.00	21.68	<=34.77	Pass
			25	23.82	0.00	21.67	<=34.77	Pass
			49	23.74	0.00	21.59	<=34.77	Pass
		25	0	22.87	0.00	20.72	<=34.77	Pass
			13	22.85	0.00	20.70	<=34.77	Pass
			25	22.89	0.00	20.74	<=34.77	Pass
		50	0	22.90	0.00	20.75	<=34.77	Pass
	707.5	1	0	23.72	0.00	21.57	<=34.77	Pass
			25	23.78	0.00	21.63	<=34.77	Pass
			49	23.61	0.00	21.46	<=34.77	Pass
		25	0	22.74	0.00	20.59	<=34.77	Pass
			13	22.69	0.00	20.54	<=34.77	Pass
			25	22.72	0.00	20.57	<=34.77	Pass
		50	0	22.67	0.00	20.52	<=34.77	Pass
	711	1	0	23.73	0.00	21.58	<=34.77	Pass
			25	23.66	0.00	21.51	<=34.77	Pass
			49	23.53	0.00	21.38	<=34.77	Pass
		25	0	22.69	0.00	20.54	<=34.77	Pass
			13	22.67	0.00	20.52	<=34.77	Pass
			25	22.69	0.00	20.54	<=34.77	Pass
		50	0	22.56	0.00	20.41	<=34.77	Pass
16QAM	704	1	0	23.11	0.00	20.96	<=34.77	Pass
			25	23.18	0.00	21.03	<=34.77	Pass
			49	22.90	0.00	20.75	<=34.77	Pass
		25	0	21.81	0.00	19.66	<=34.77	Pass
			13	21.93	0.00	19.78	<=34.77	Pass
			25	21.89	0.00	19.74	<=34.77	Pass
		50	0	21.88	0.00	19.73	<=34.77	Pass
	707.5	1	0	23.00	0.00	20.85	<=34.77	Pass
			25	23.12	0.00	20.97	<=34.77	Pass
			49	22.86	0.00	20.71	<=34.77	Pass
		25	0	21.80	0.00	19.65	<=34.77	Pass

			13	21.76	0.00	19.61	<=34.77	Pass
			25	21.77	0.00	19.62	<=34.77	Pass
		50	0	21.61	0.00	19.46	<=34.77	Pass
	711	1	0	23.16	0.00	21.01	<=34.77	Pass
			25	22.93	0.00	20.78	<=34.77	Pass
			49	22.64	0.00	20.49	<=34.77	Pass
		25	0	21.75	0.00	19.60	<=34.77	Pass
			13	21.64	0.00	19.49	<=34.77	Pass
			25	21.76	0.00	19.61	<=34.77	Pass
		50	0	21.65	0.00	19.50	<=34.77	Pass
64QAM	704	1	0	22.89	0.00	20.74	<=34.77	Pass
			25	22.93	0.00	20.78	<=34.77	Pass
			49	22.64	0.00	20.49	<=34.77	Pass
		25	0	21.73	0.00	19.58	<=34.77	Pass
			13	21.87	0.00	19.72	<=34.77	Pass
			25	21.84	0.00	19.69	<=34.77	Pass
		50	0	21.78	0.00	19.63	<=34.77	Pass
	707.5	1	0	22.85	0.00	20.70	<=34.77	Pass
			25	22.92	0.00	20.77	<=34.77	Pass
			49	22.69	0.00	20.54	<=34.77	Pass
		25	0	21.77	0.00	19.62	<=34.77	Pass
			13	21.73	0.00	19.58	<=34.77	Pass
			25	21.78	0.00	19.63	<=34.77	Pass
		50	0	21.64	0.00	19.49	<=34.77	Pass
	711	1	0	22.93	0.00	20.78	<=34.77	Pass
			25	22.90	0.00	20.75	<=34.77	Pass
			49	22.66	0.00	20.51	<=34.77	Pass
		25	0	21.76	0.00	19.61	<=34.77	Pass
			13	21.67	0.00	19.52	<=34.77	Pass
			25	21.63	0.00	19.48	<=34.77	Pass
		50	0	21.60	0.00	19.45	<=34.77	Pass
256QAM	704	1	0	18.79	0.00	16.64	<=34.77	Pass
			25	19.08	0.00	16.93	<=34.77	Pass
			49	18.69	0.00	16.54	<=34.77	Pass
		25	0	19.02	0.00	16.87	<=34.77	Pass
			13	18.91	0.00	16.76	<=34.77	Pass
			25	18.65	0.00	16.50	<=34.77	Pass
		50	0	18.93	0.00	16.78	<=34.77	Pass
	707.5	1	0	18.79	0.00	16.64	<=34.77	Pass
			25	18.63	0.00	16.48	<=34.77	Pass
			49	18.70	0.00	16.55	<=34.77	Pass
		25	0	18.80	0.00	16.65	<=34.77	Pass
			13	18.59	0.00	16.44	<=34.77	Pass
			25	18.77	0.00	16.62	<=34.77	Pass
		50	0	18.87	0.00	16.72	<=34.77	Pass
	711	1	0	18.77	0.00	16.62	<=34.77	Pass
			25	19.19	0.00	17.04	<=34.77	Pass
			49	18.78	0.00	16.63	<=34.77	Pass
		25	0	18.69	0.00	16.54	<=34.77	Pass
			13	19.06	0.00	16.91	<=34.77	Pass
			25	18.73	0.00	16.58	<=34.77	Pass
		50	0	18.76	0.00	16.61	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B12_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	-1.800	-0.0025	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.43	0.700	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.400	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.500	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	3.85	1.400	0.0020	-2.5 to 2.5	Pass
				50	3.85	0.500	0.0007	-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	1.107	/	Pass
	16QAM	707.5	6	0	1.111	/	Pass
	64QAM	707.5	6	0	1.102	/	Pass
	256QAM	707.5	6	0	1.101	/	Pass
3	QPSK	707.5	15	0	2.750	/	Pass
	16QAM	707.5	15	0	2.755	/	Pass
	64QAM	707.5	15	0	2.764	/	Pass
	256QAM	707.5	15	0	2.742	/	Pass
5	QPSK	707.5	25	0	4.540	/	Pass
	16QAM	707.5	25	0	4.539	/	Pass
	64QAM	707.5	25	0	4.538	/	Pass
	256QAM	707.5	25	0	4.540	/	Pass
10	QPSK	707.5	50	0	9.031	/	Pass
	16QAM	707.5	50	0	9.042	/	Pass
	64QAM	707.5	50	0	9.069	/	Pass
	256QAM	707.5	50	0	9.027	/	Pass

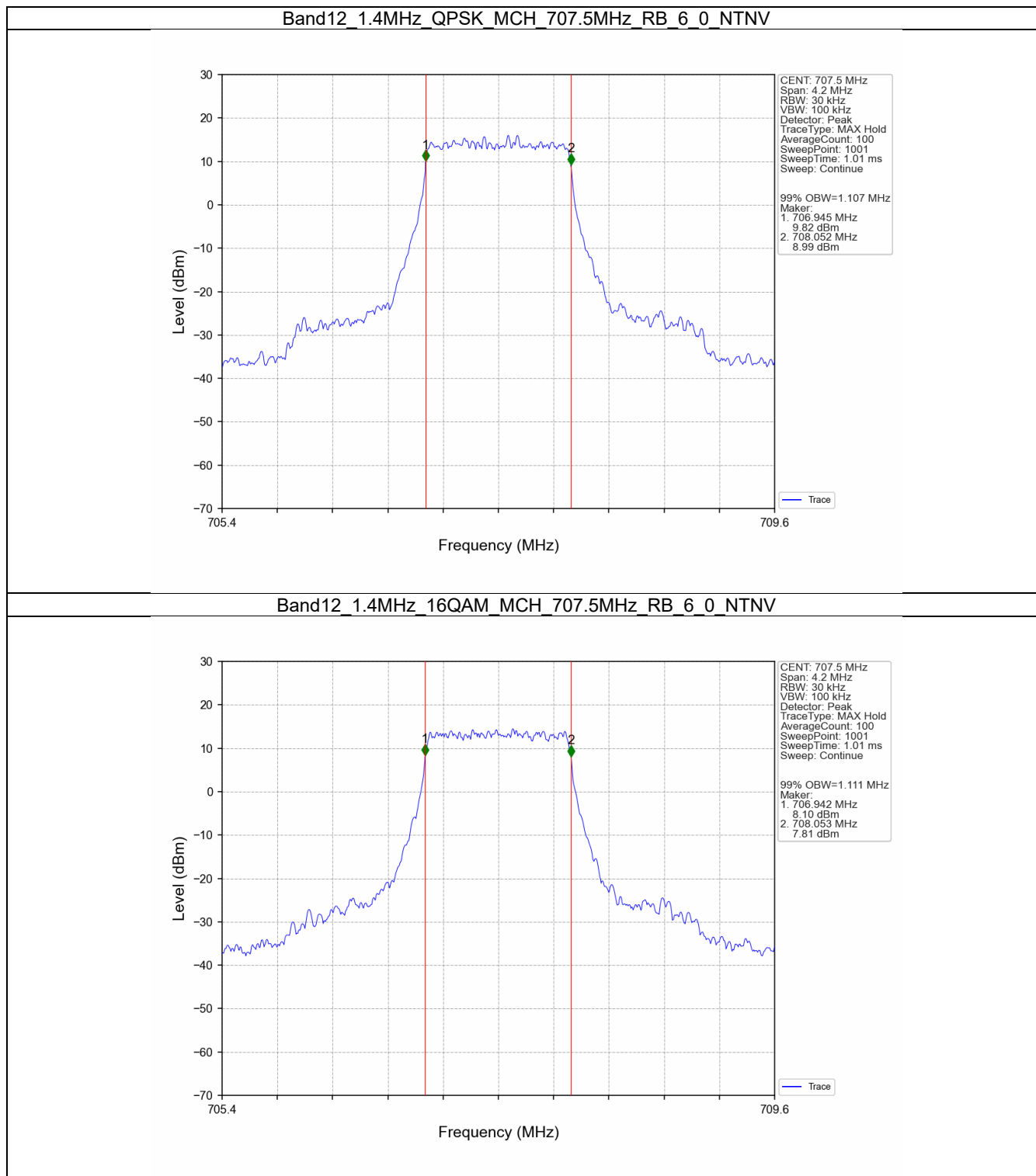
3.1.2 Band12_XDB

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	1.338	/	Pass
	16QAM	707.5	6	0	1.376	/	Pass
	64QAM	707.5	6	0	1.383	/	Pass
	256QAM	707.5	6	0	1.374	/	Pass
3	QPSK	707.5	15	0	3.132	/	Pass
	16QAM	707.5	15	0	3.117	/	Pass
	64QAM	707.5	15	0	3.147	/	Pass
	256QAM	707.5	15	0	3.164	/	Pass
5	QPSK	707.5	25	0	5.209	/	Pass
	16QAM	707.5	25	0	5.187	/	Pass
	64QAM	707.5	25	0	5.197	/	Pass
	256QAM	707.5	25	0	5.242	/	Pass

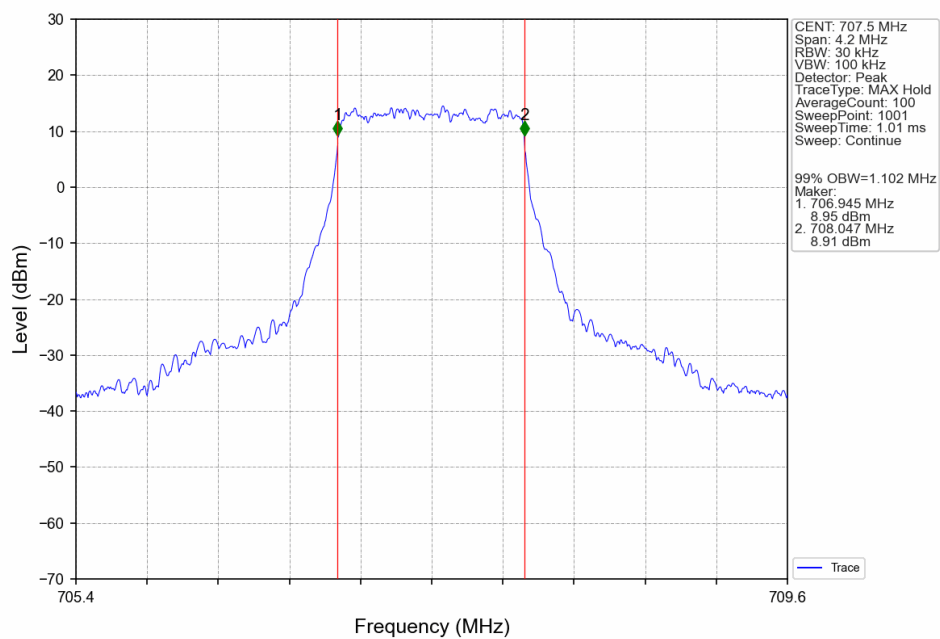
10	QPSK	707.5	50	0	10.211	/	Pass
	16QAM	707.5	50	0	10.188	/	Pass
	64QAM	707.5	50	0	10.128	/	Pass
	256QAM	707.5	50	0	10.004	/	Pass

3.2 Test Graph

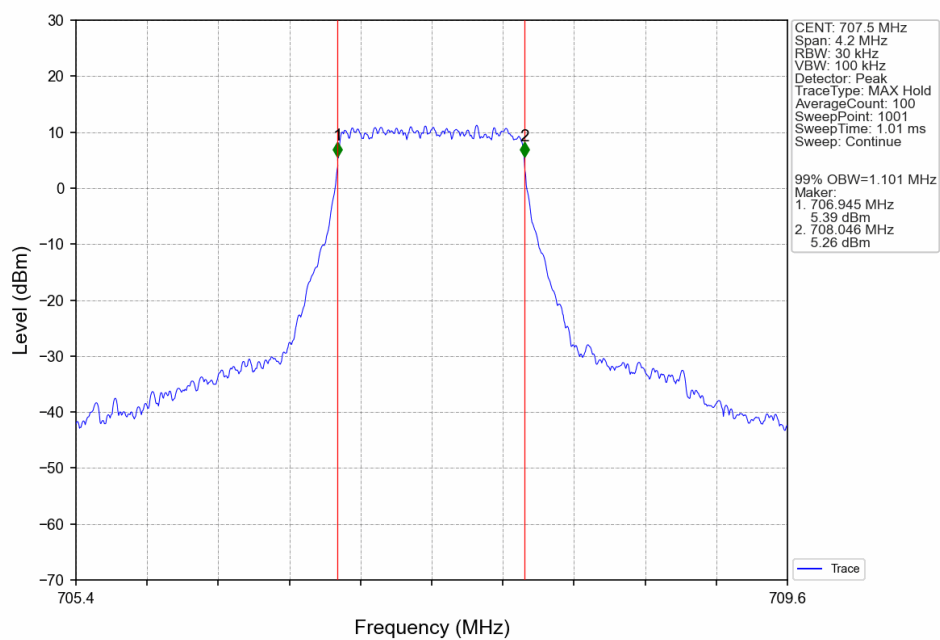
3.2.1 Band12_OBW



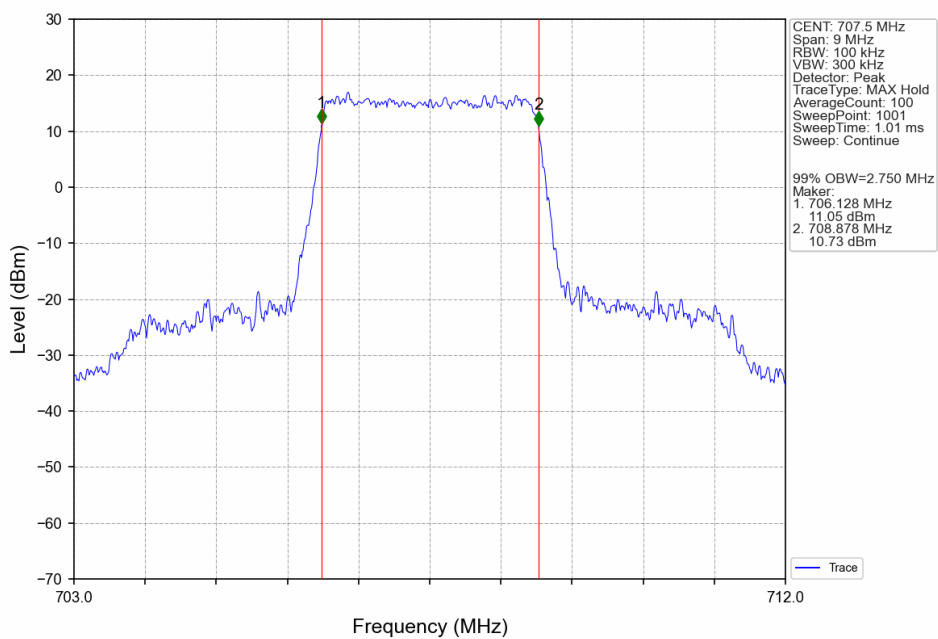
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



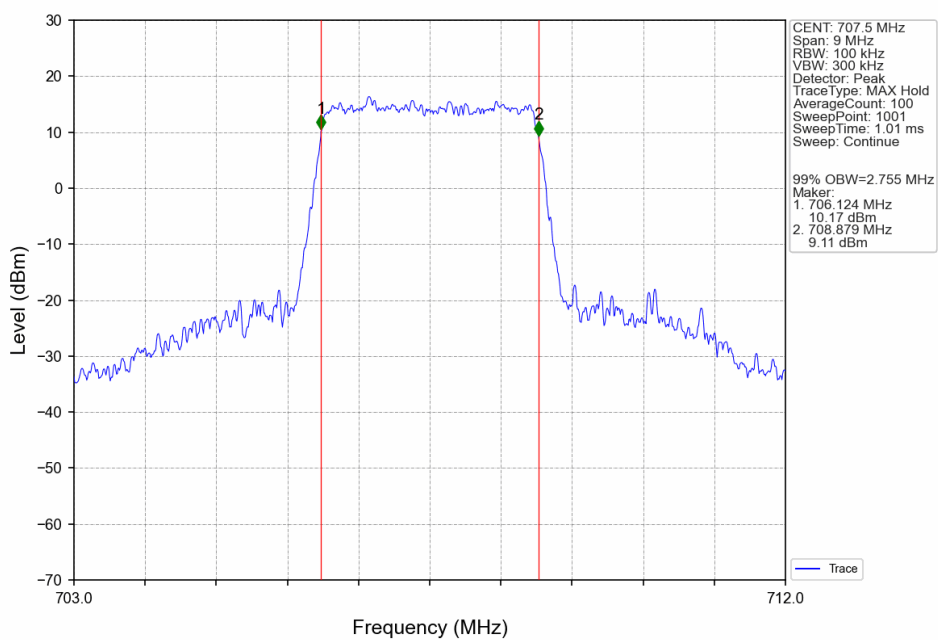
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



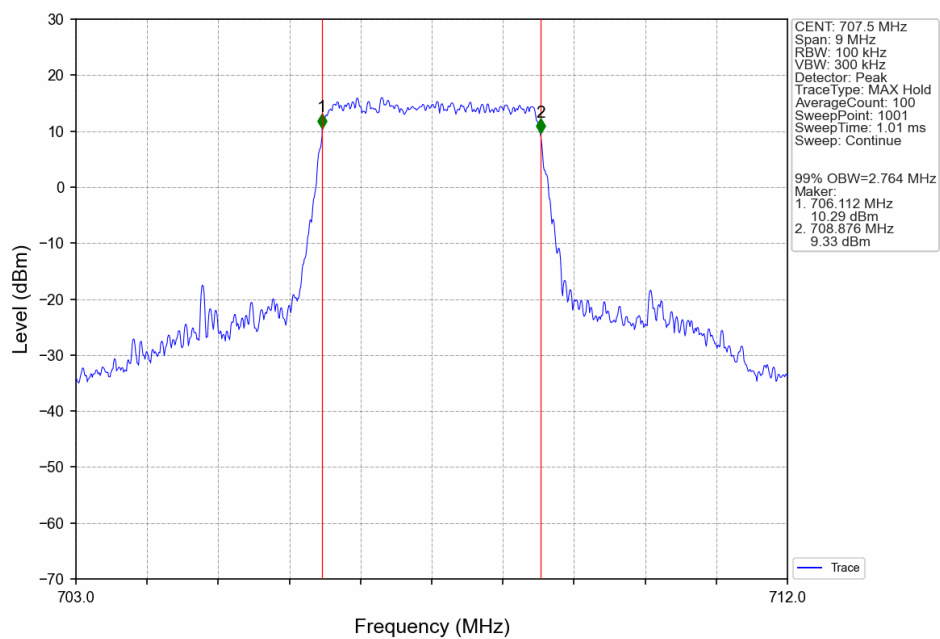
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



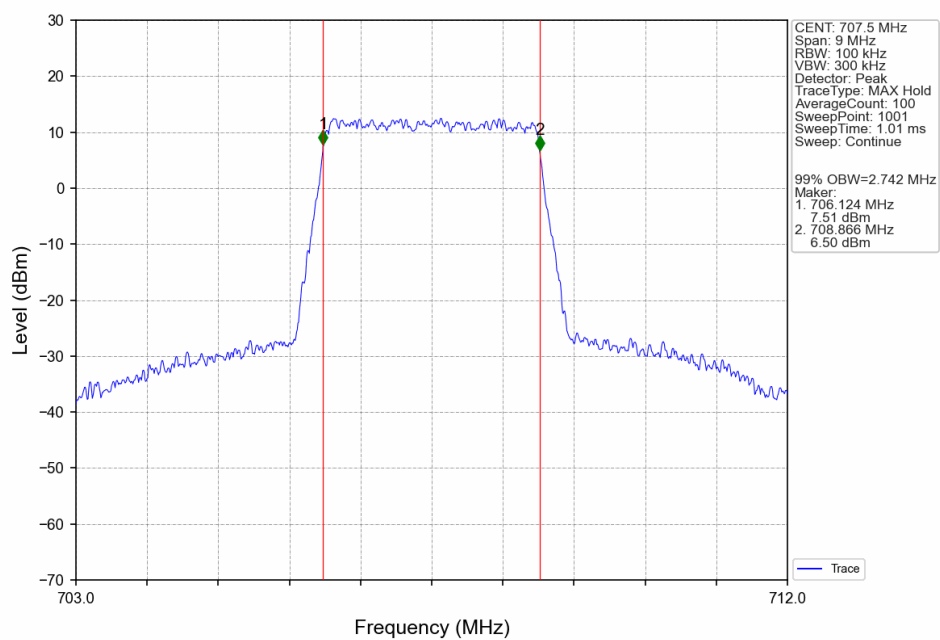
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



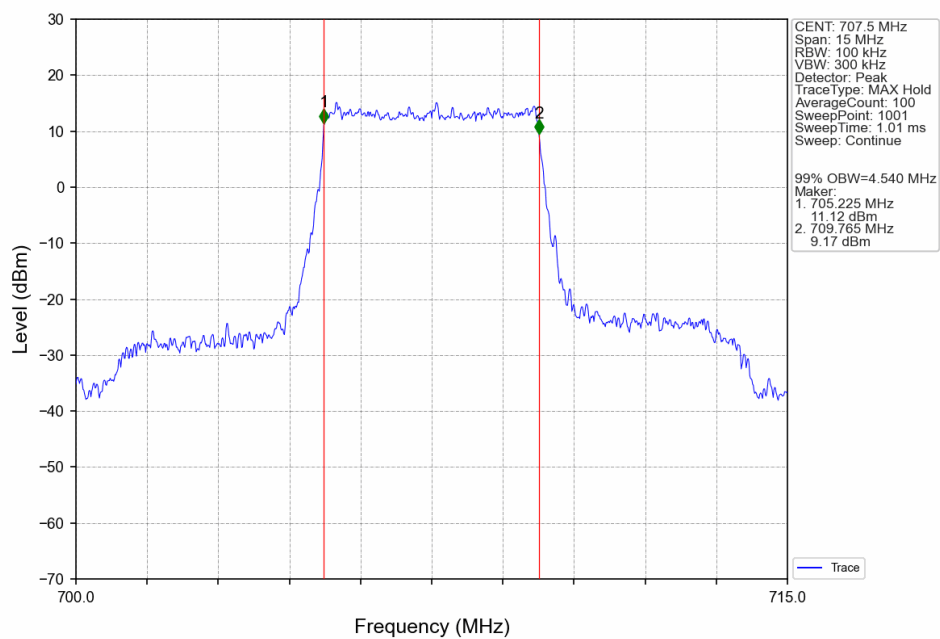
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



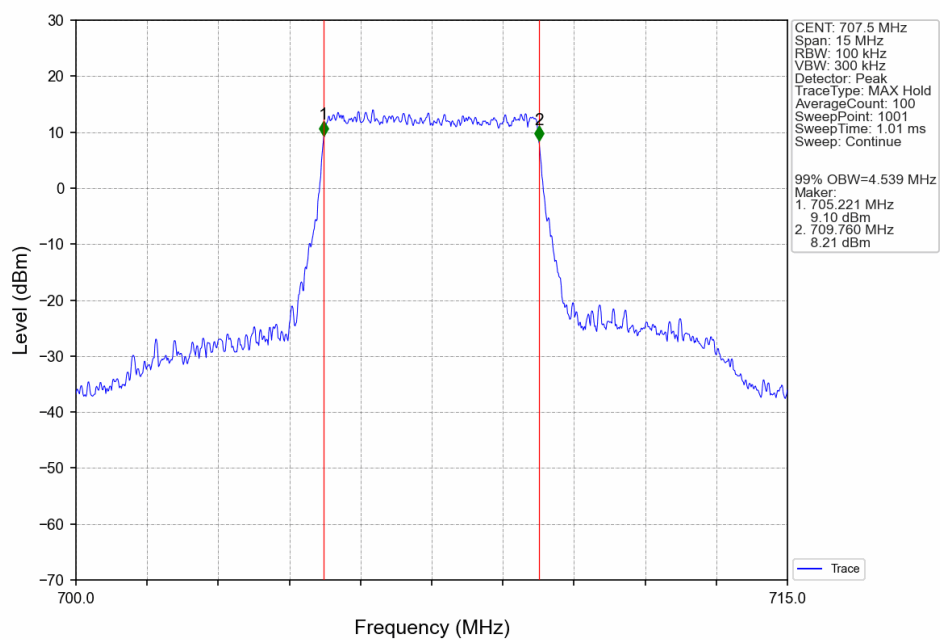
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



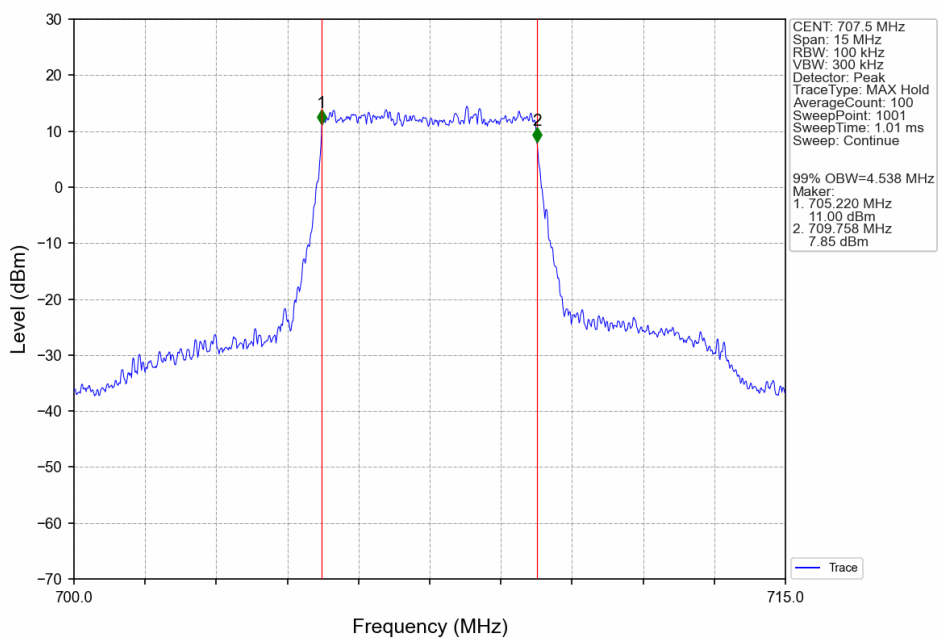
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



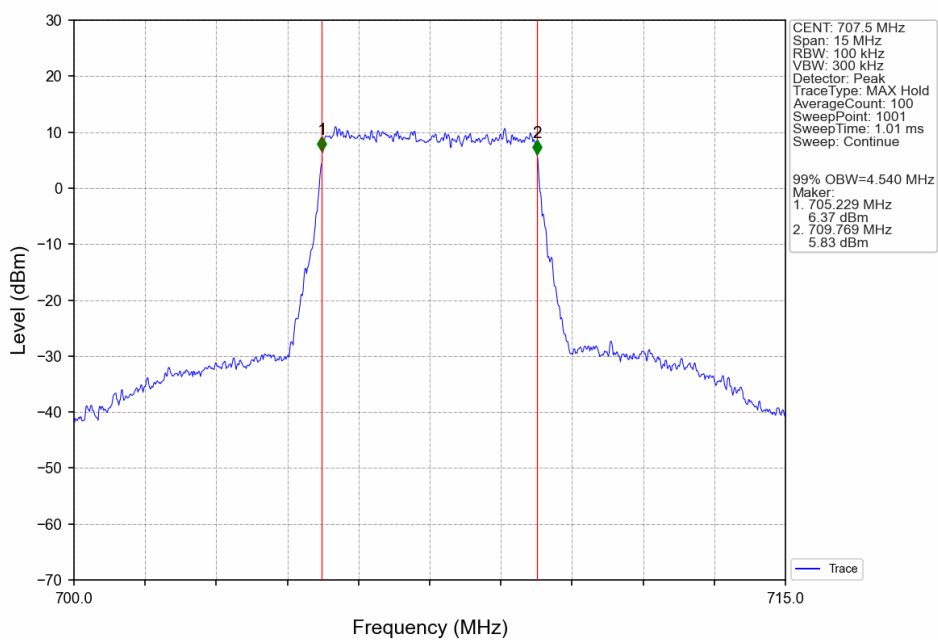
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



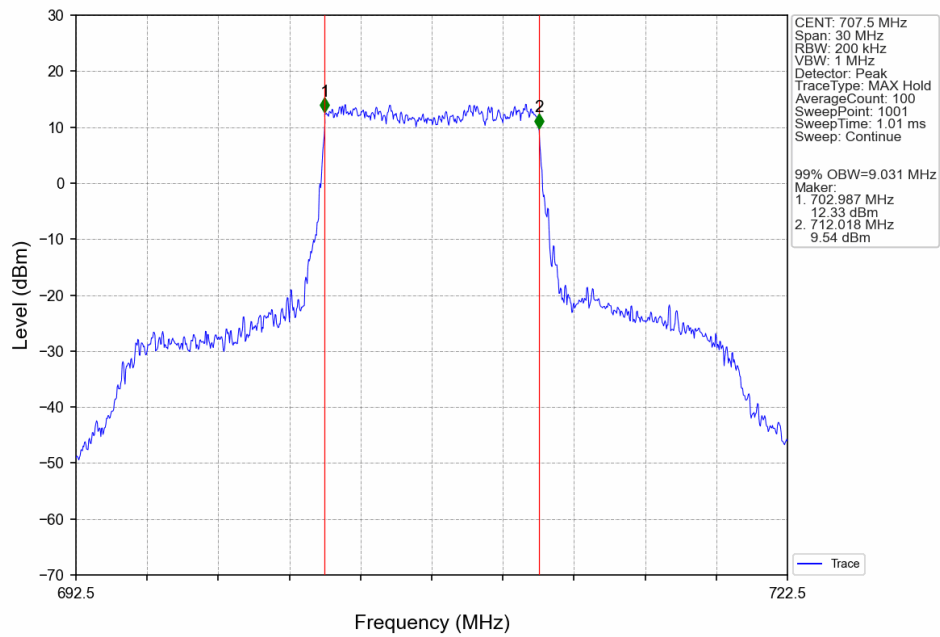
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



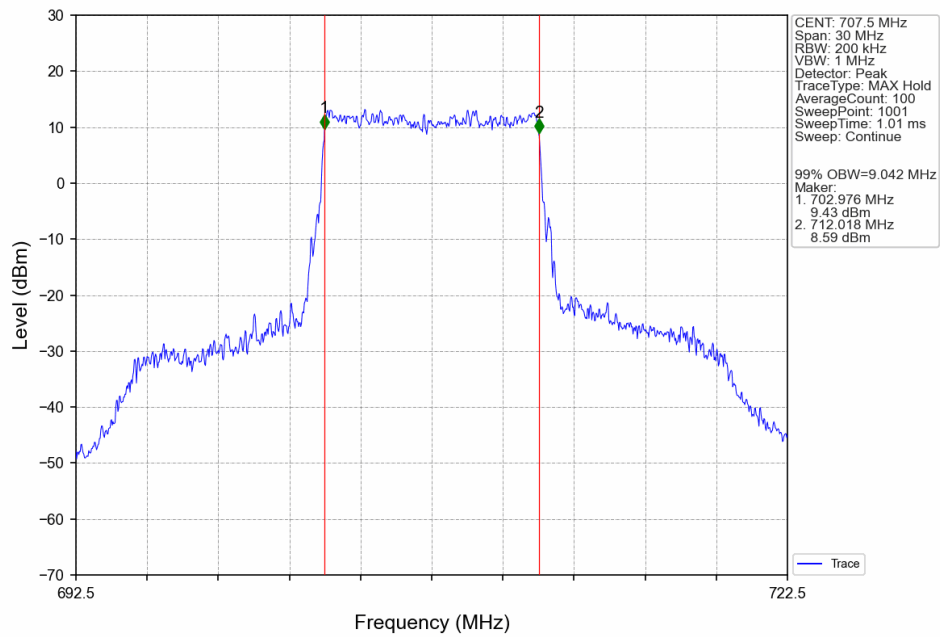
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



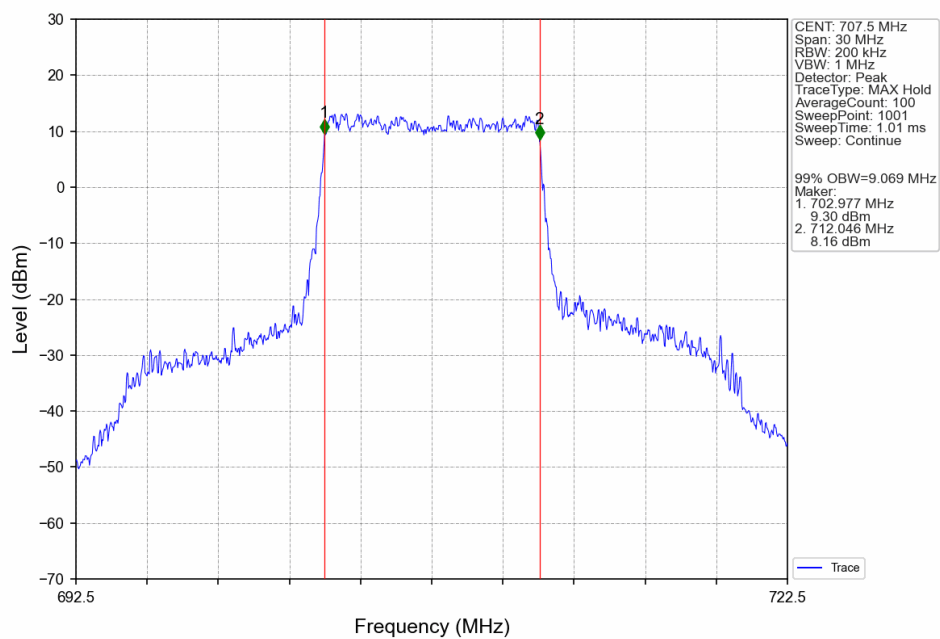
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



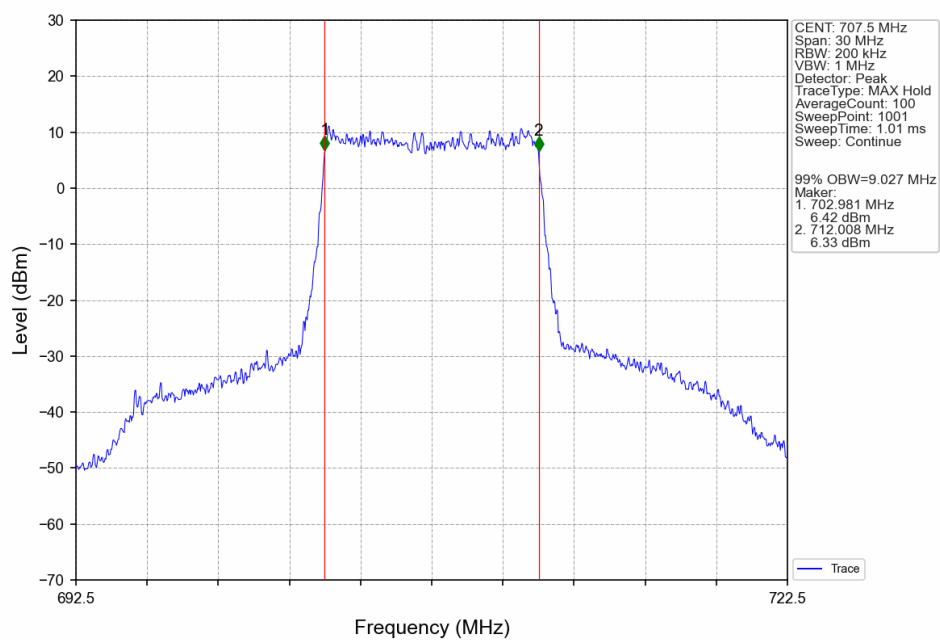
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



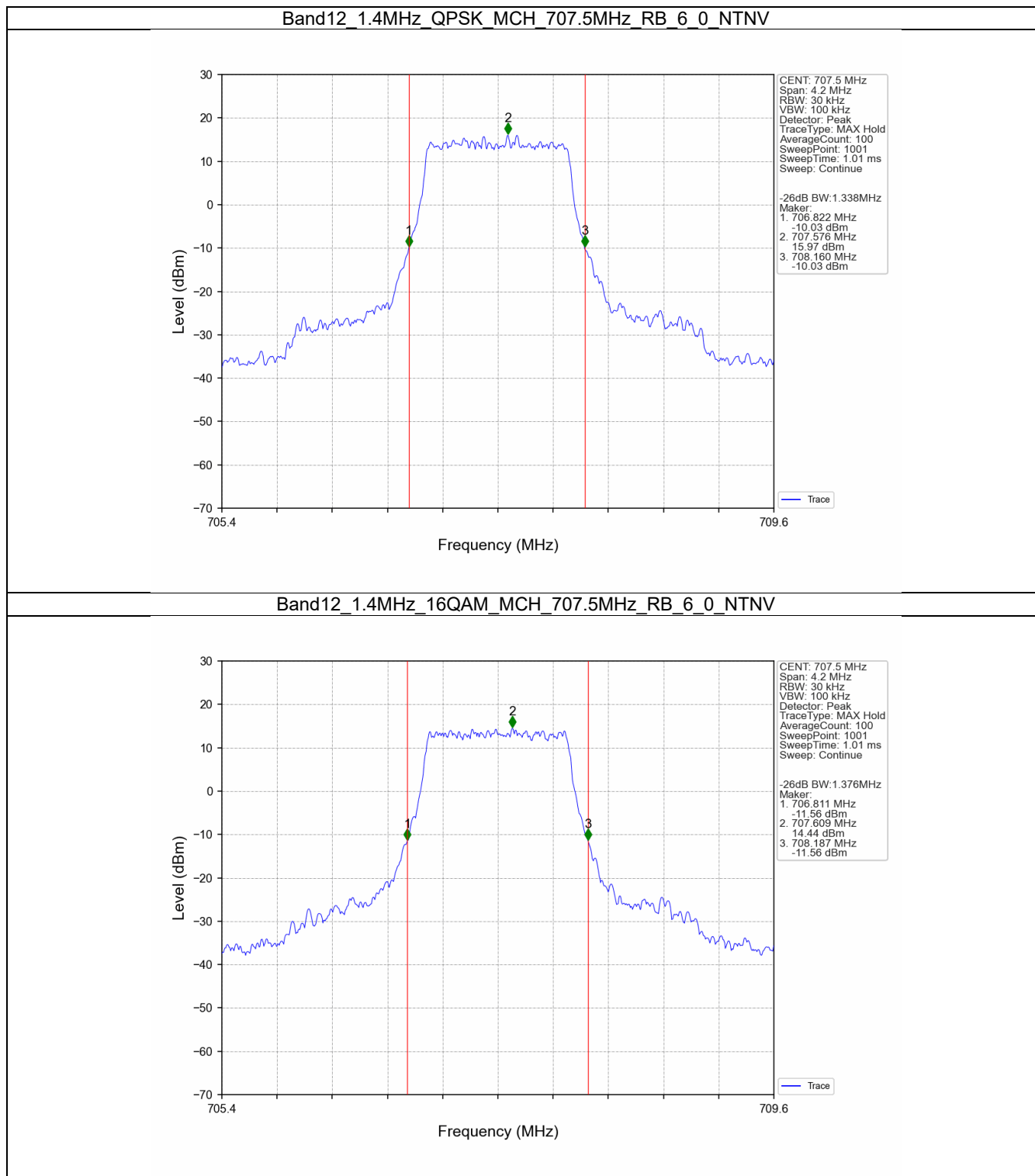
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



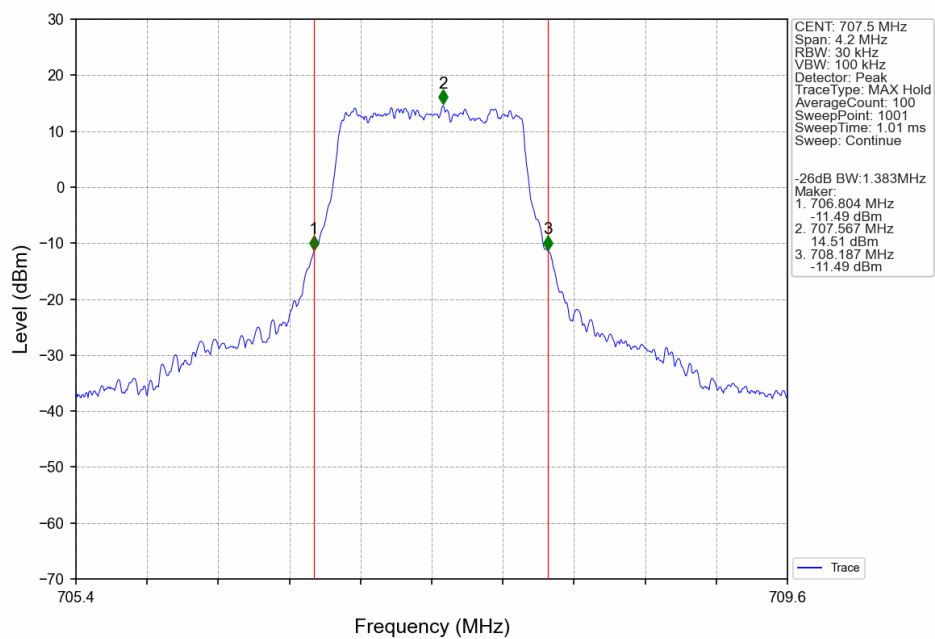
Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



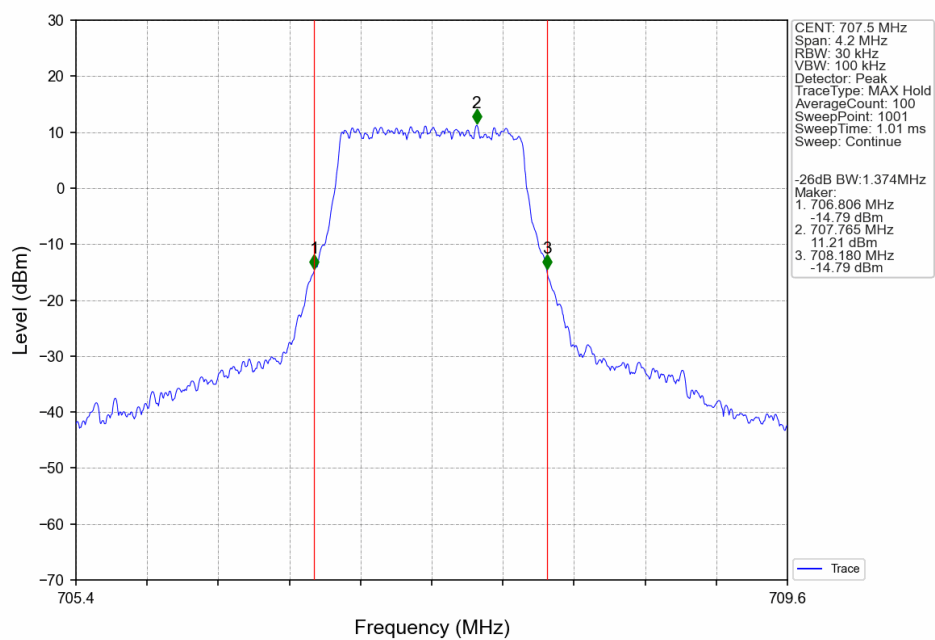
3.2.2 Band12_XDB



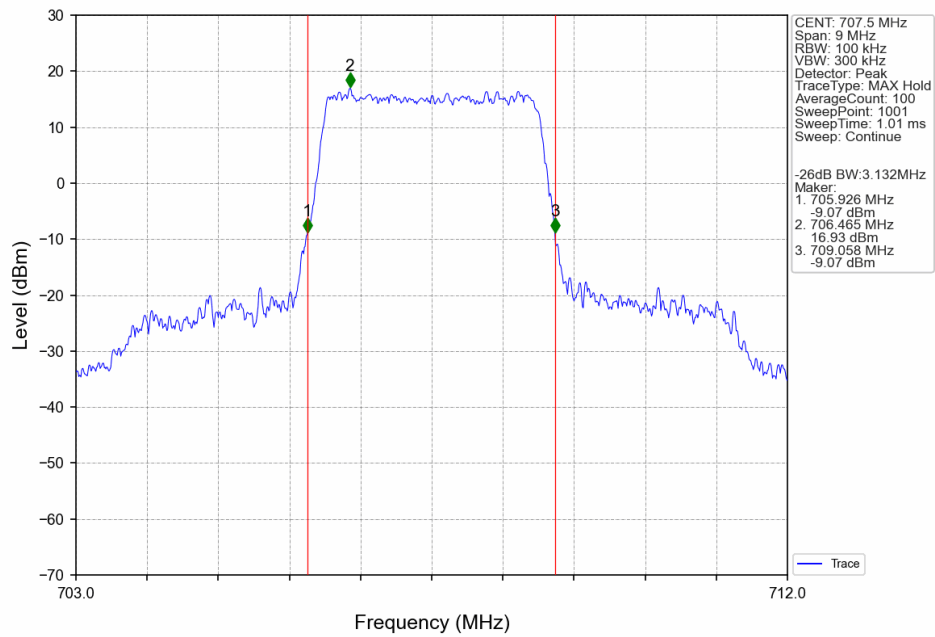
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



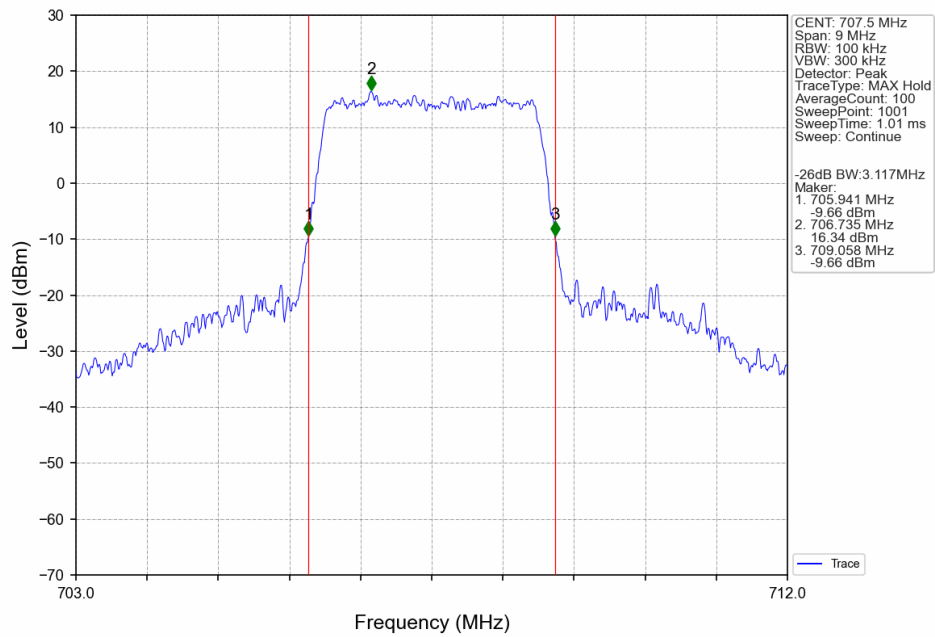
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



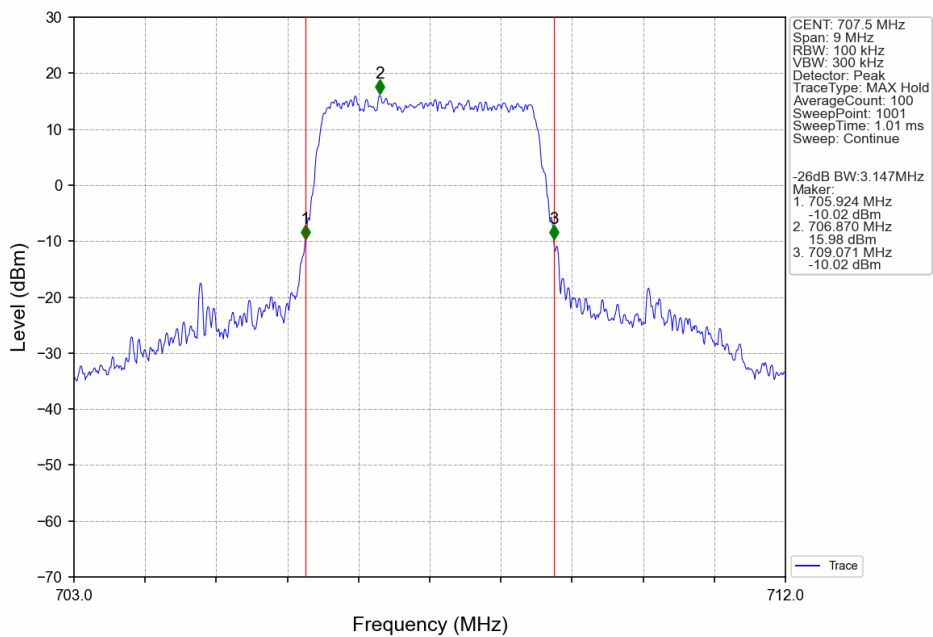
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



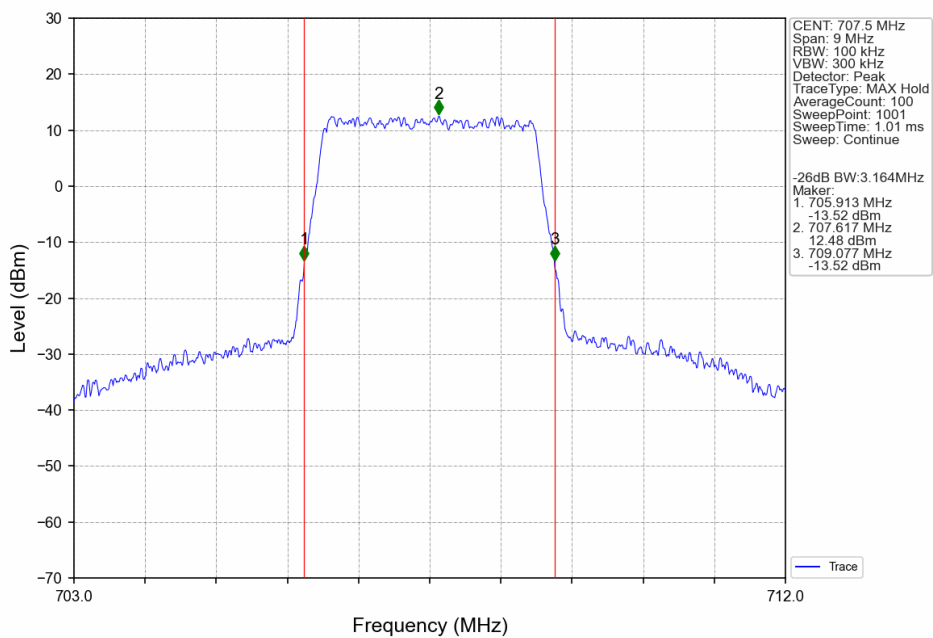
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



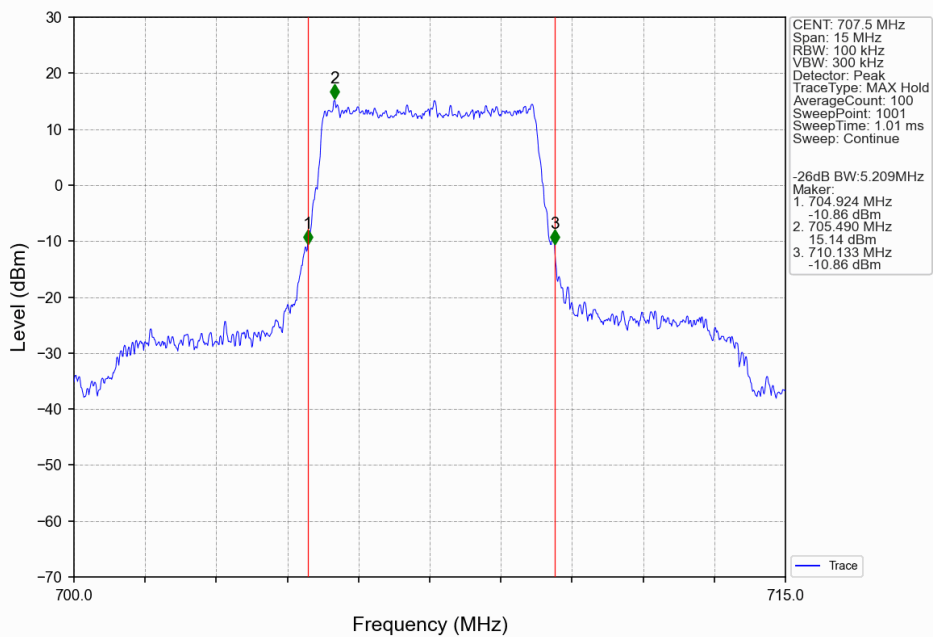
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



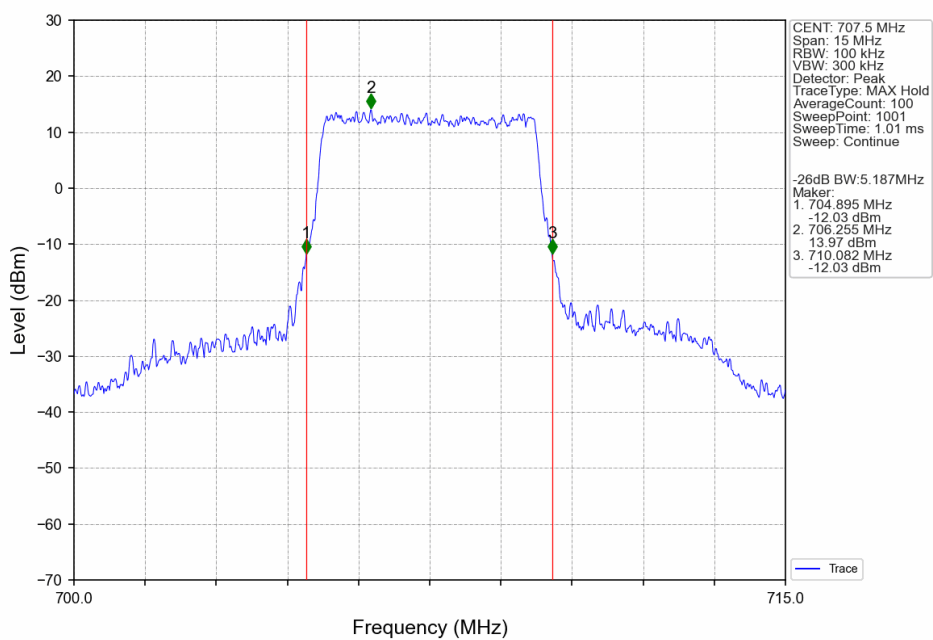
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



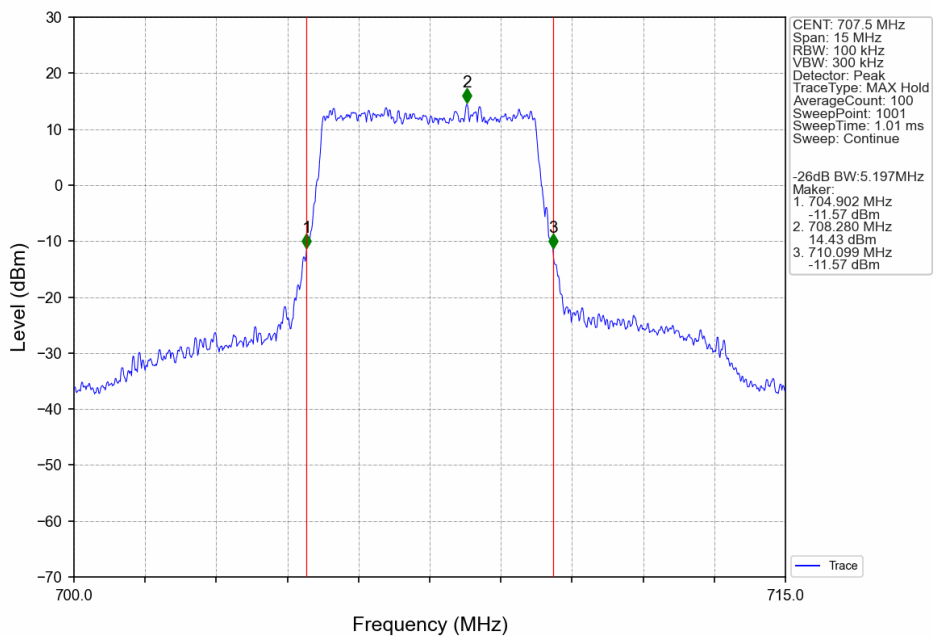
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



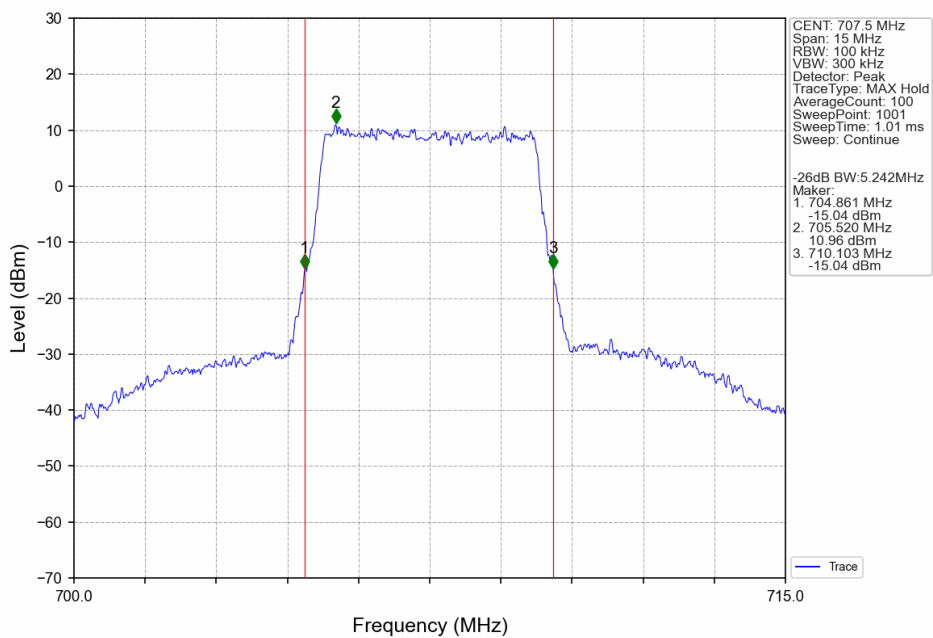
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



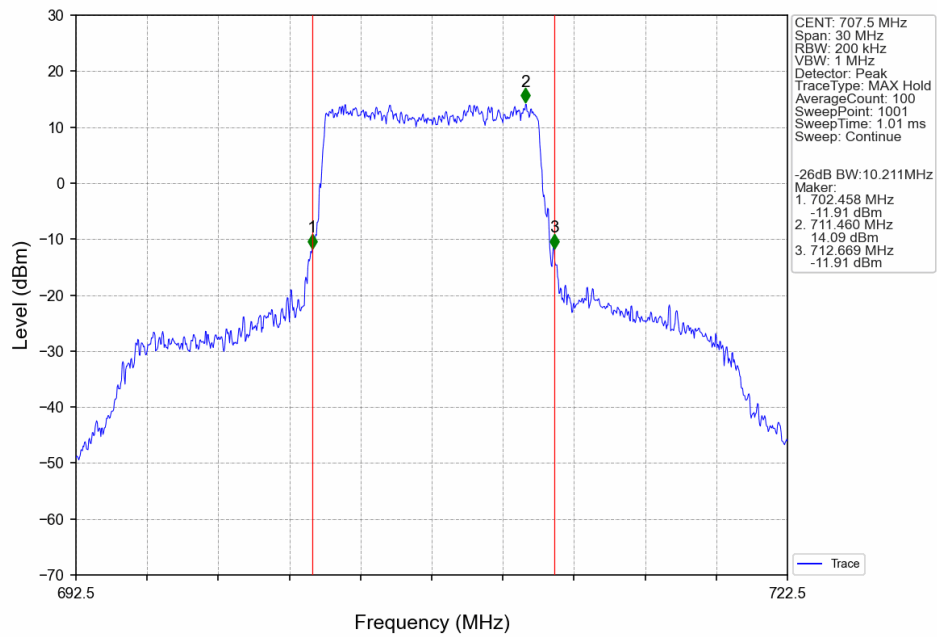
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



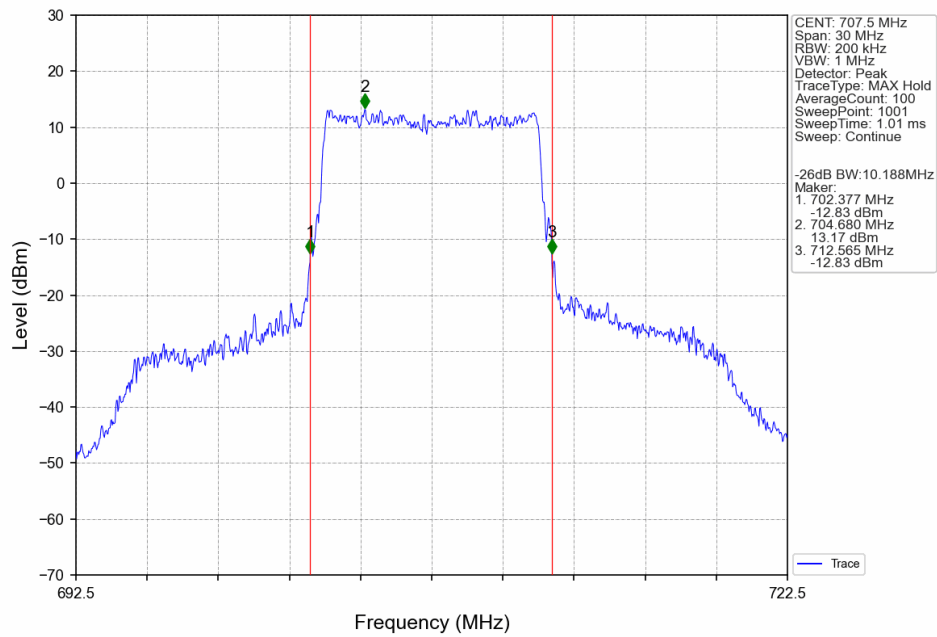
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



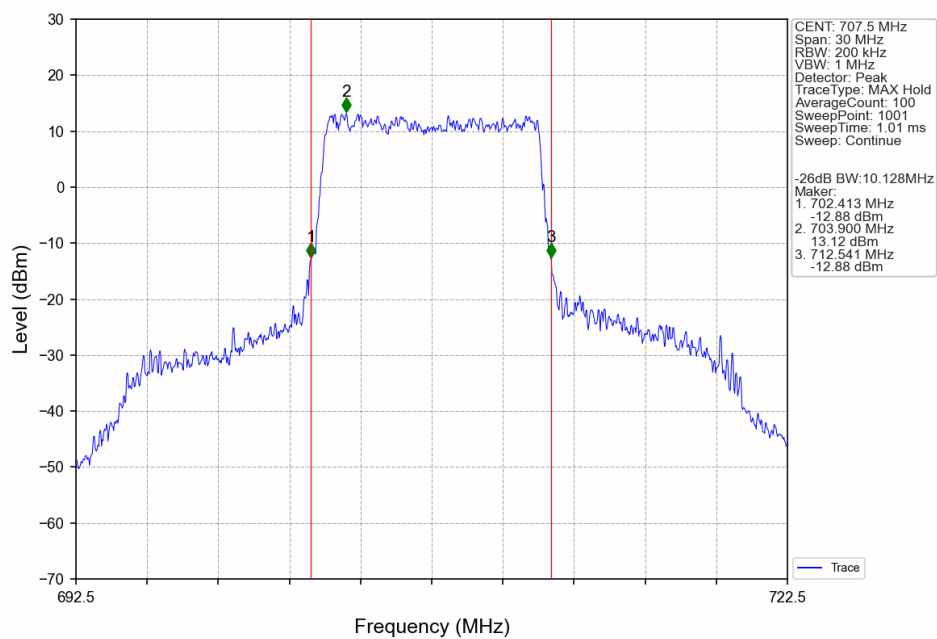
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



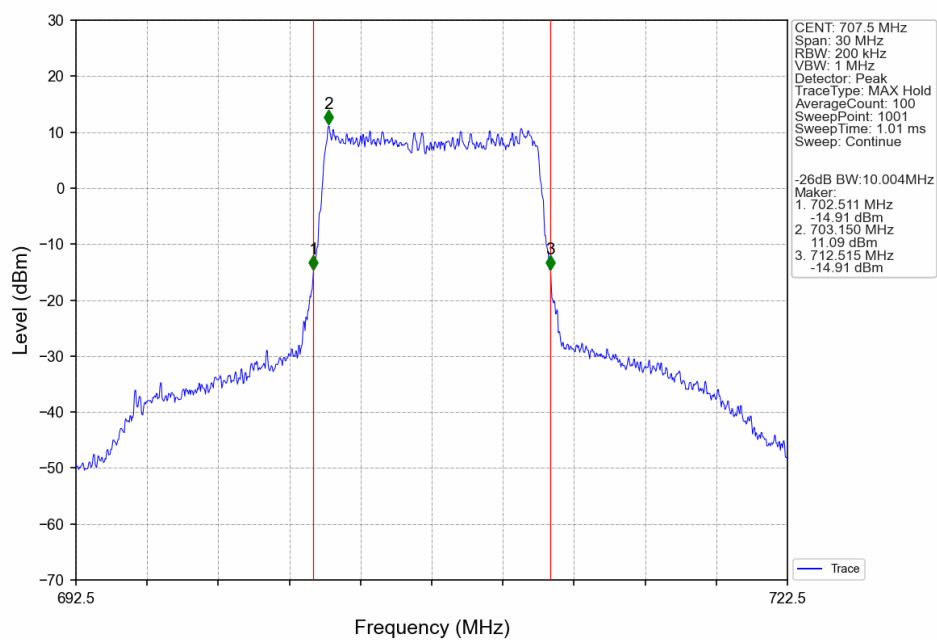
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

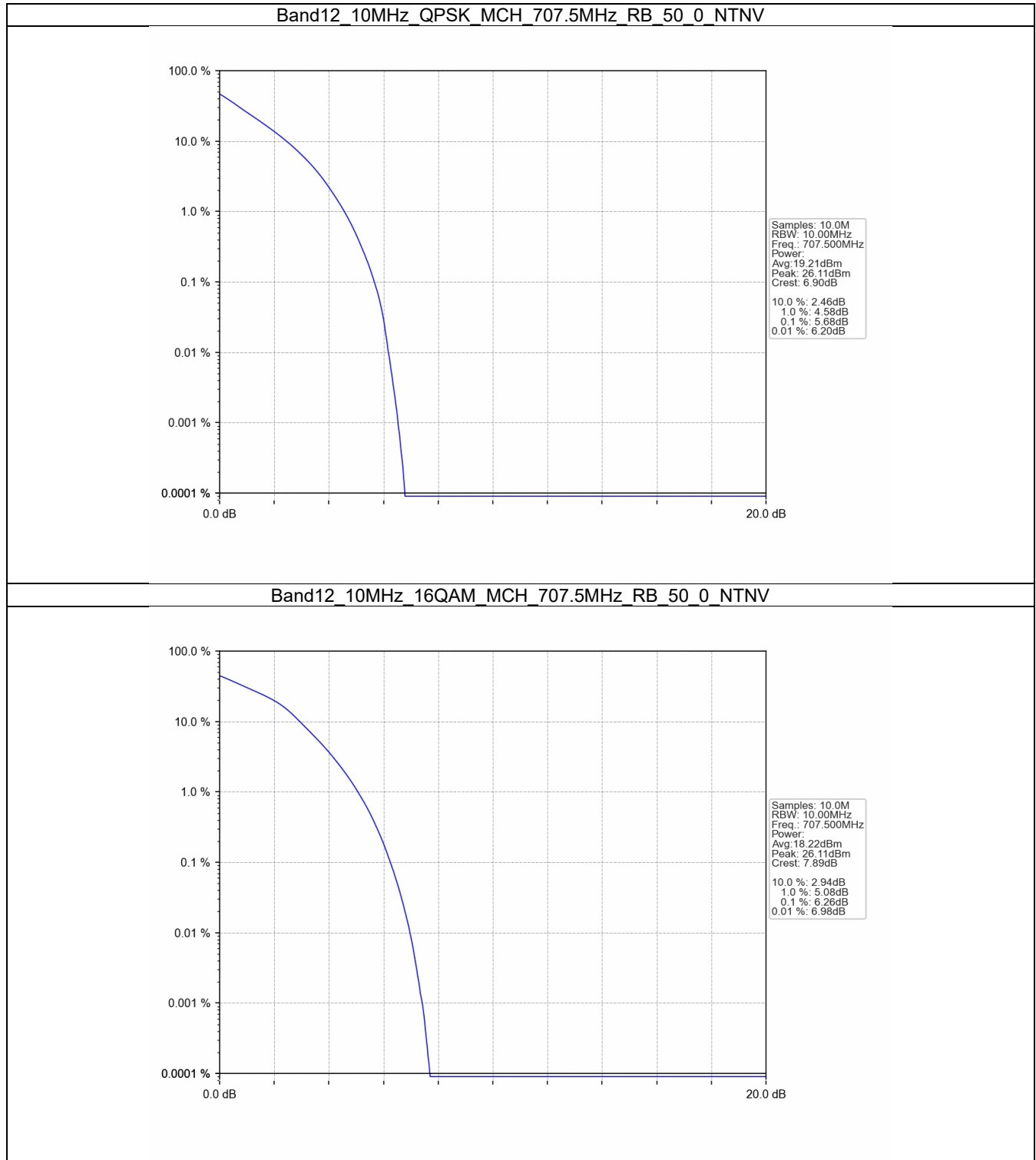
4.1 Test Result

4.1.1 B12_10MHz

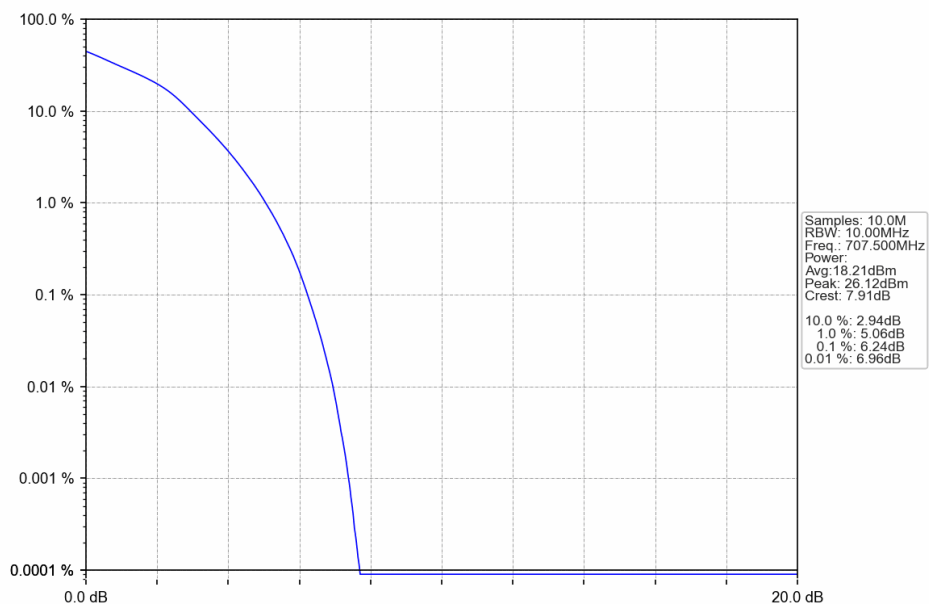
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	5.68	<=13	Pass
16QAM	707.5	50	0	6.26	<=13	Pass
64QAM	707.5	50	0	6.24	<=13	Pass
256QAM	707.5	50	0	6.64	<=13	Pass

4.2 Test Graph

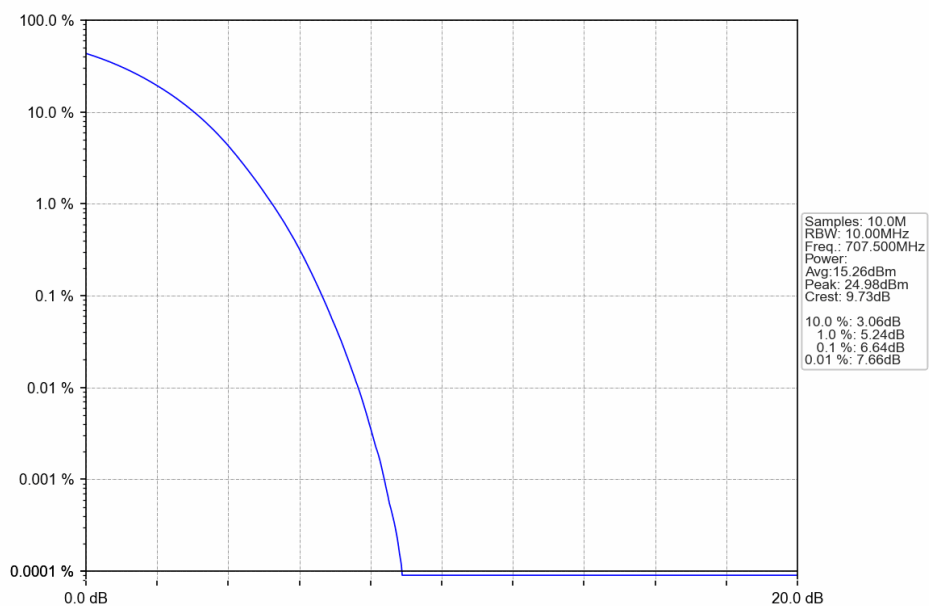
4.2.1 B12_10MHz



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_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 / NTVN						
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

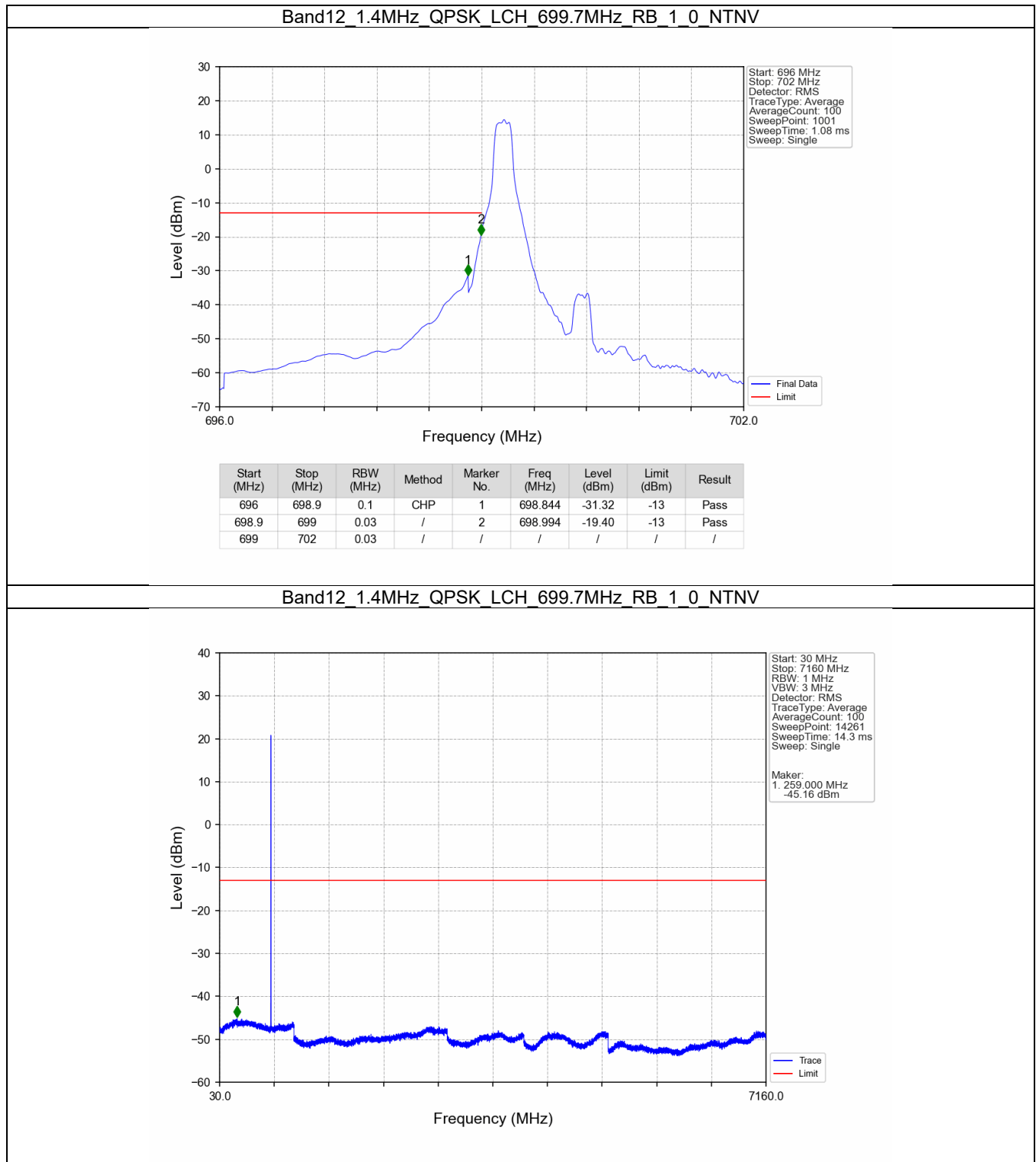
Band: 12 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test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

5.1.4 B12_10MHz

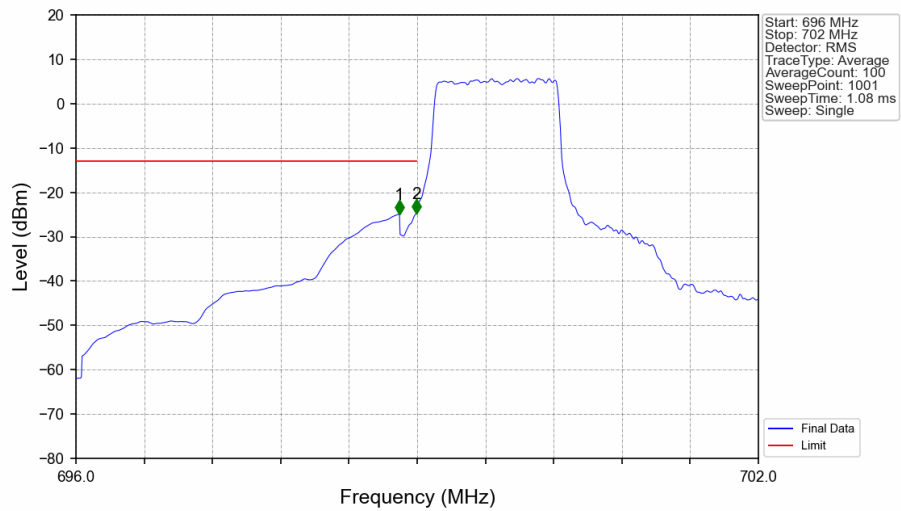
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test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

5.2 Test Graph

5.2.1 B12_1.4MHz

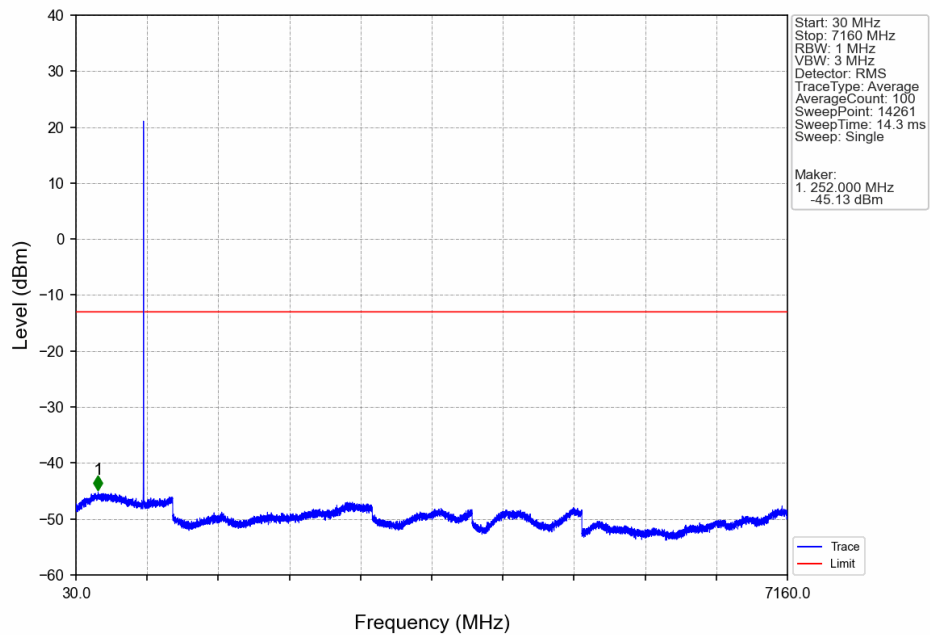


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

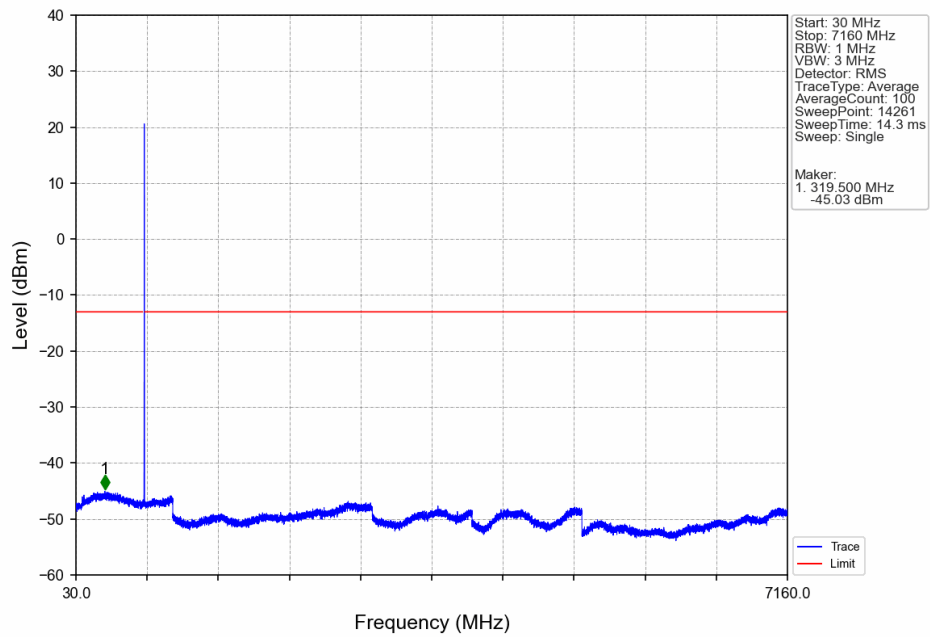


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-24.86	-13	Pass
698.9	699	0.03	/	2	698.994	-24.67	-13	Pass
699	702	0.03	/	/	/	/	/	/

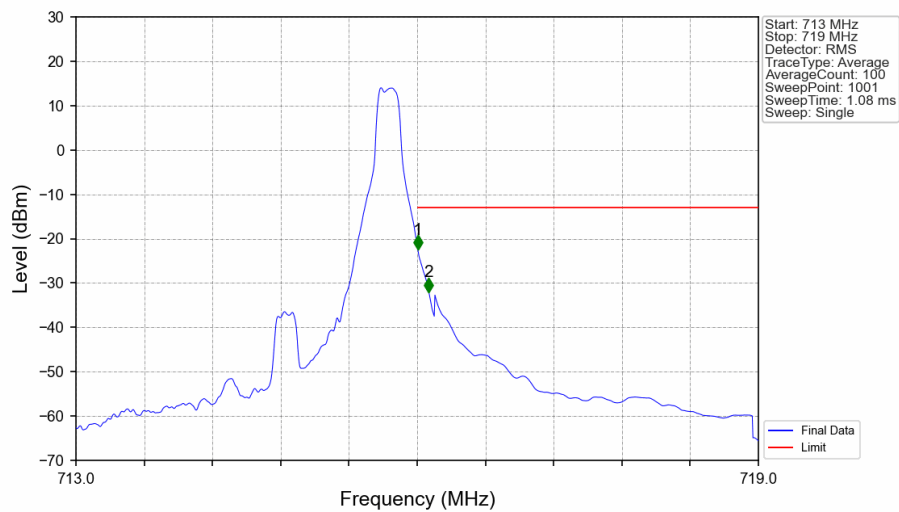
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

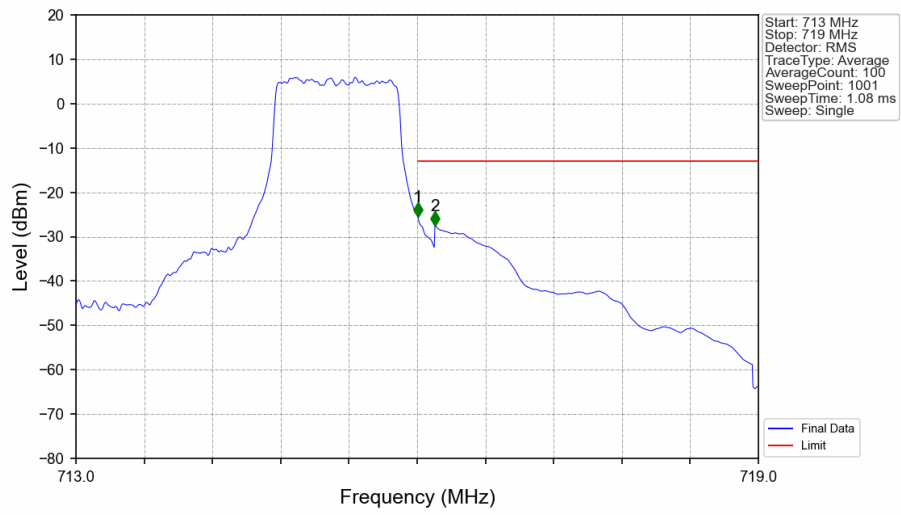


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



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	-22.41	-13	Pass
716.1	719	0.1	CHP	2	716.102	-31.97	-13	Pass

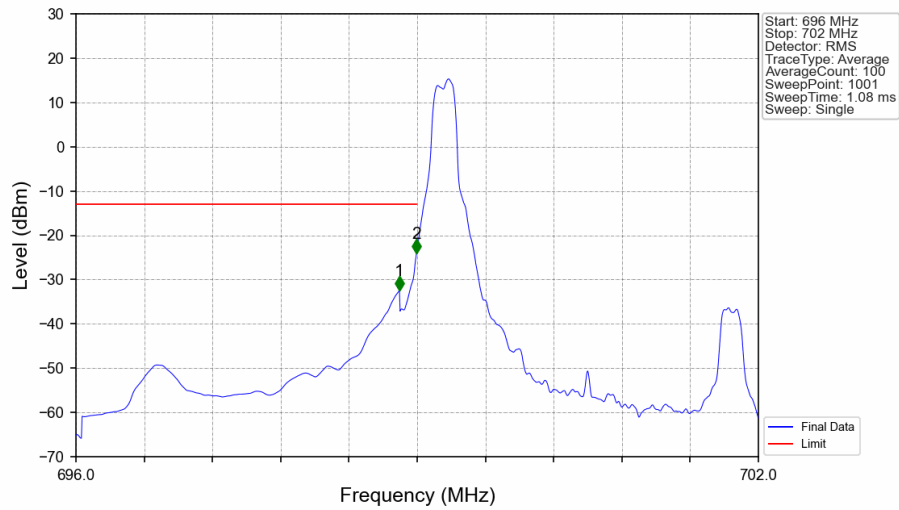
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



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	-25.57	-13	Pass
716.1	719	0.1	CHP	2	716.156	-27.44	-13	Pass

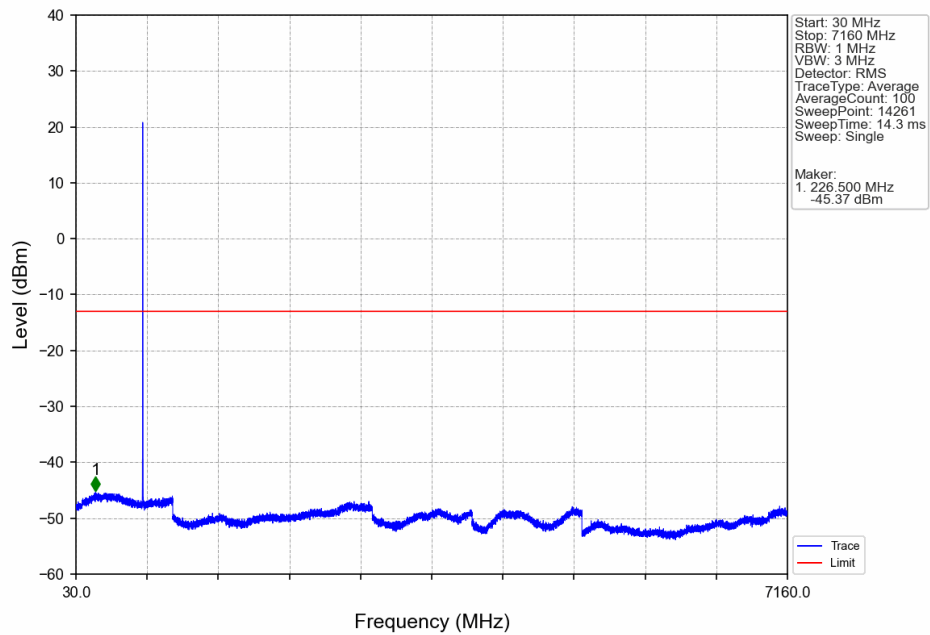
5.2.2 B12_3MHz

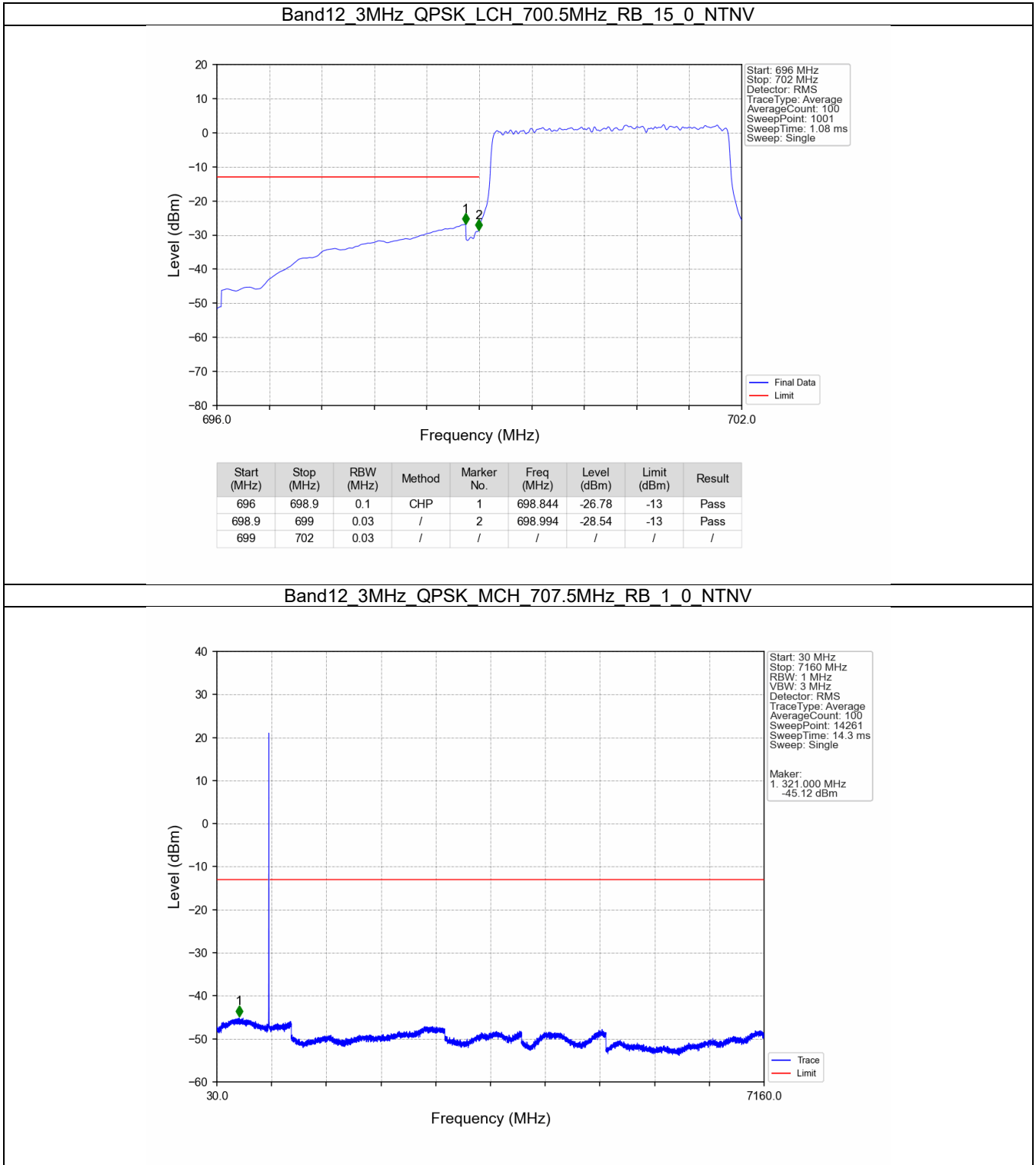
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



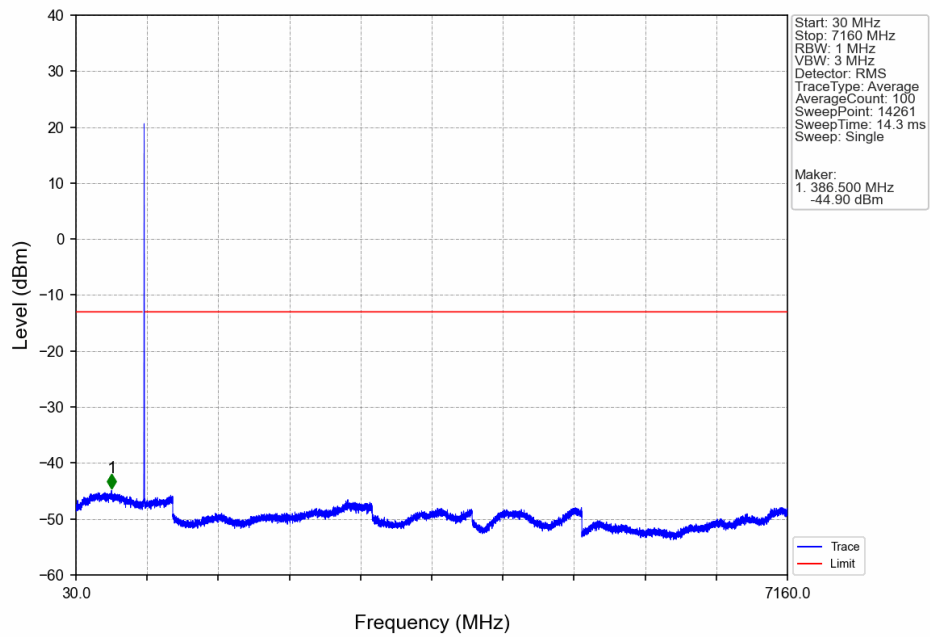
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-32.47	-13	Pass
698.9	699	0.03	/	2	698.994	-24.00	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

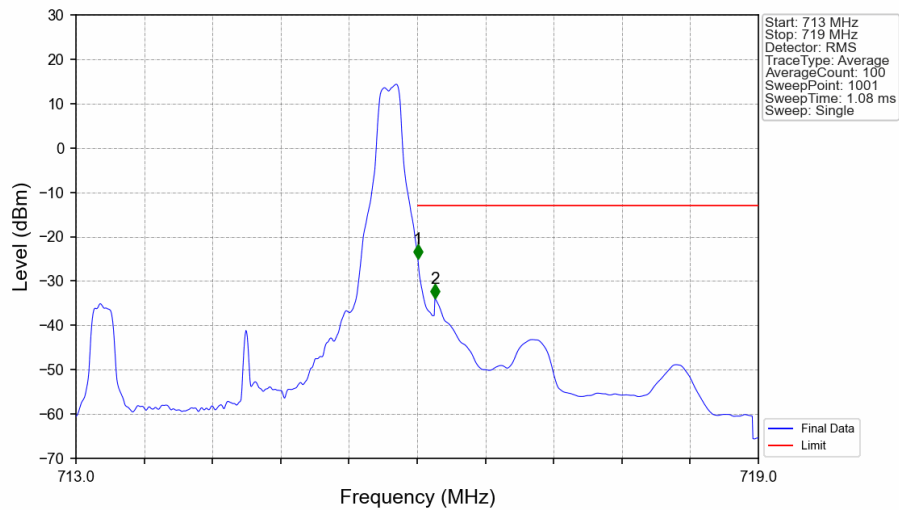




Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

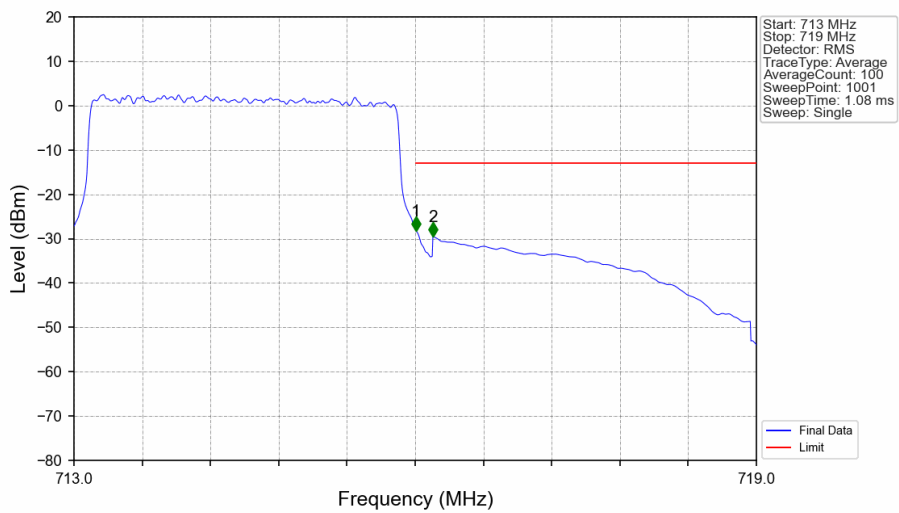


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



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	-24.91	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.82	-13	Pass

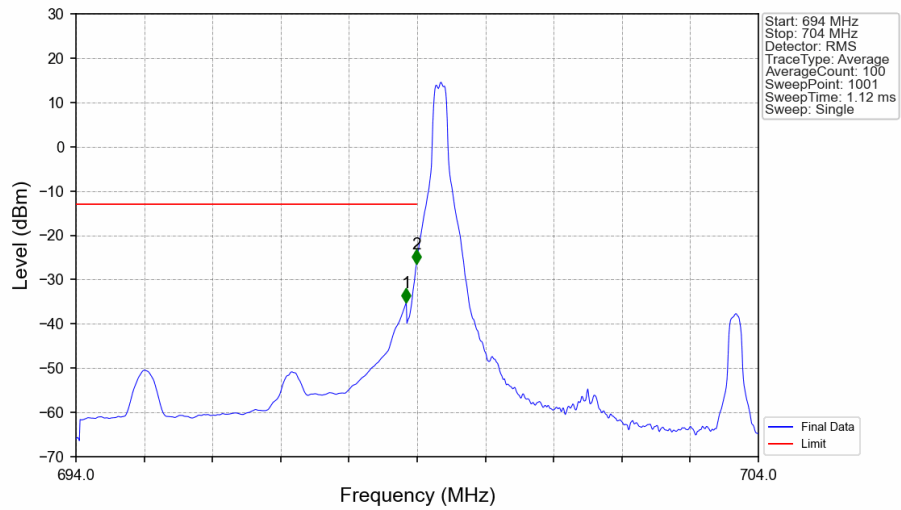
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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	-28.15	-13	Pass
716.1	719	0.1	CHP	2	716.156	-29.47	-13	Pass

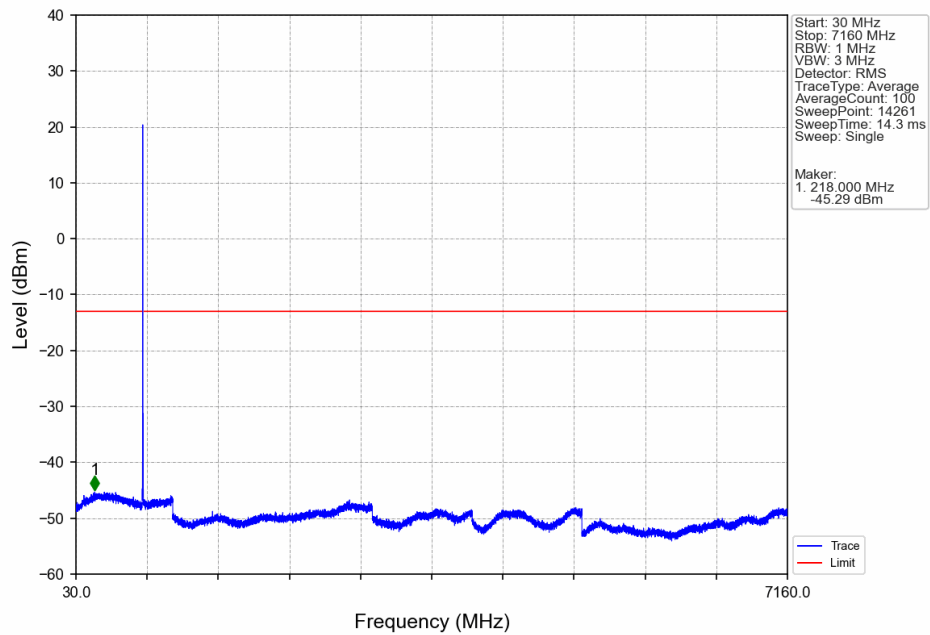
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

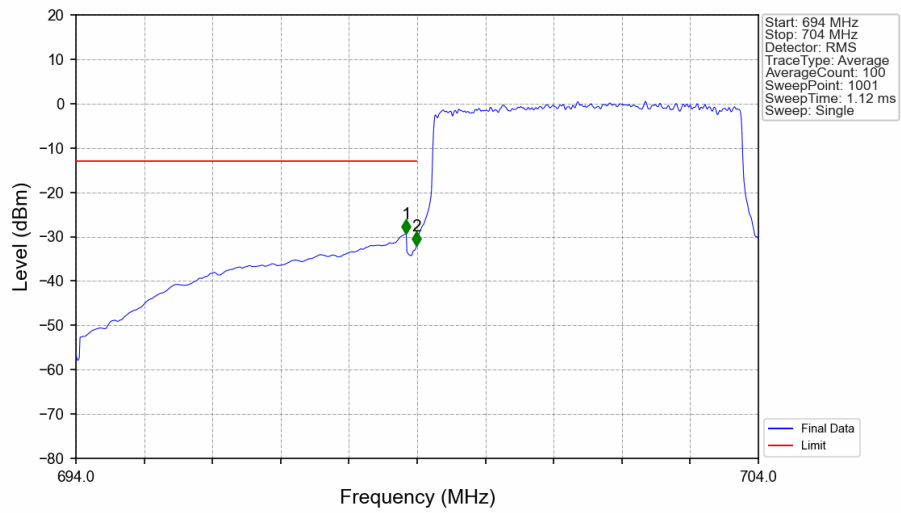


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-35.18	-13	Pass
698.9	699	0.03	/	2	698.990	-26.42	-13	Pass
699	704	0.03	/	/	/	/	/	/

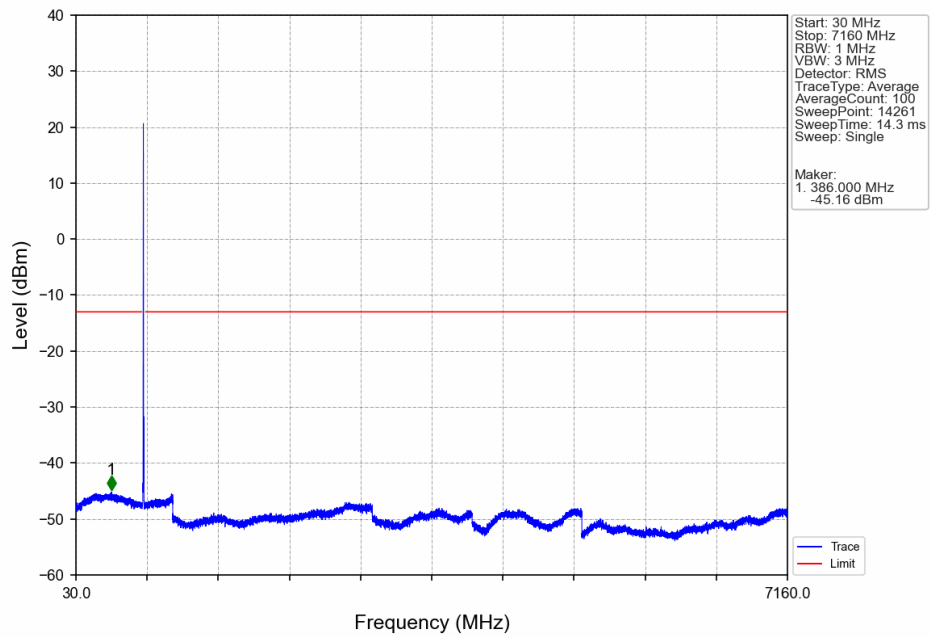
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



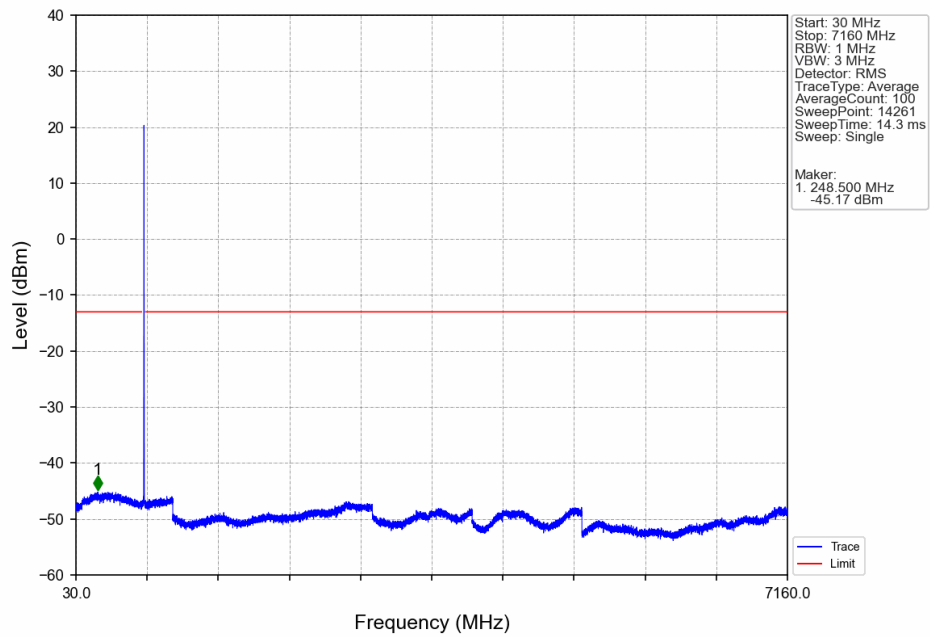
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



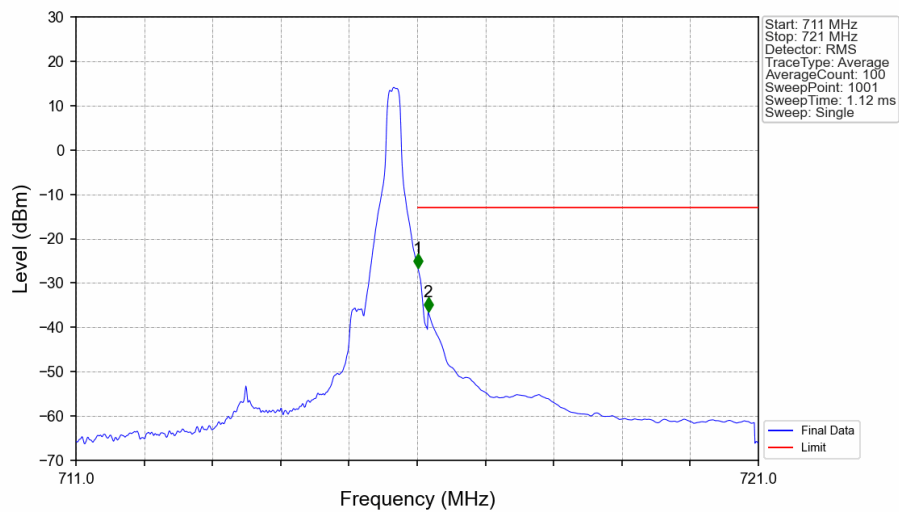
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

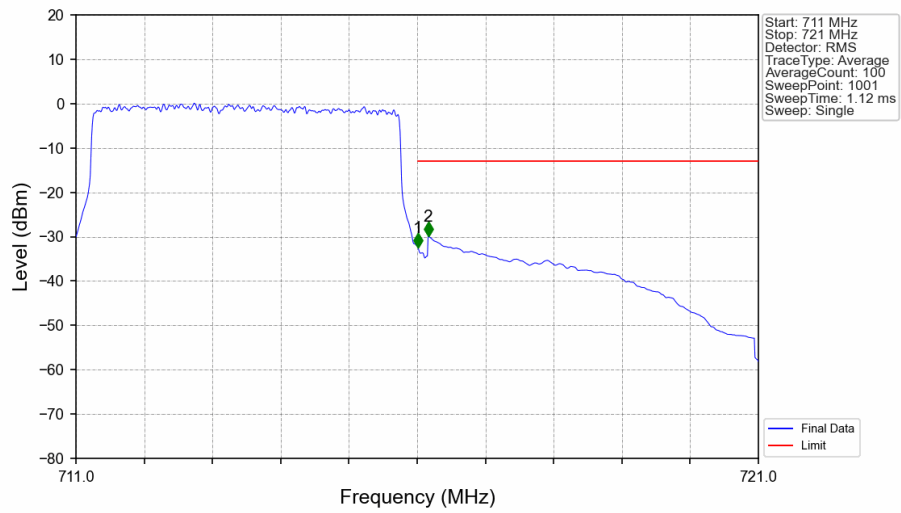


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



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	-26.53	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.46	-13	Pass

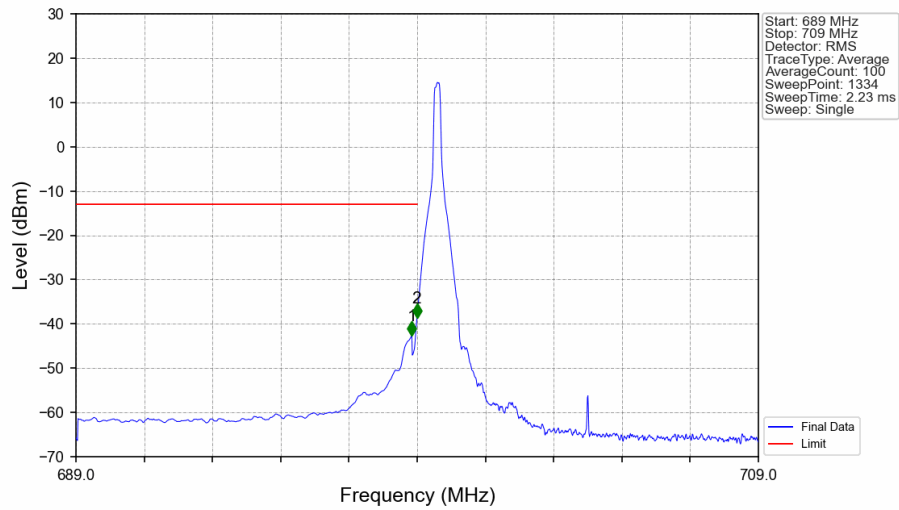
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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	-32.38	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.85	-13	Pass

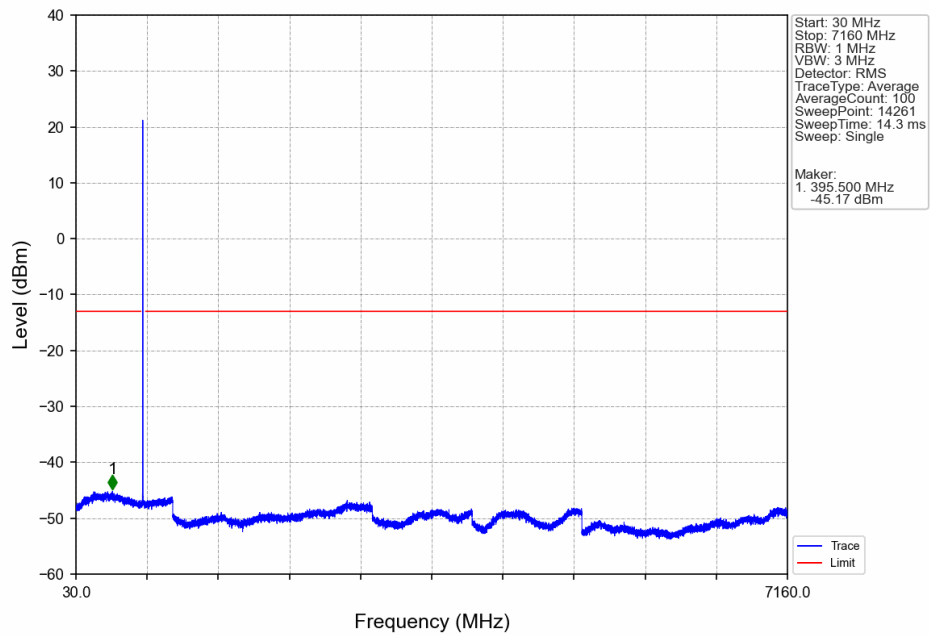
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

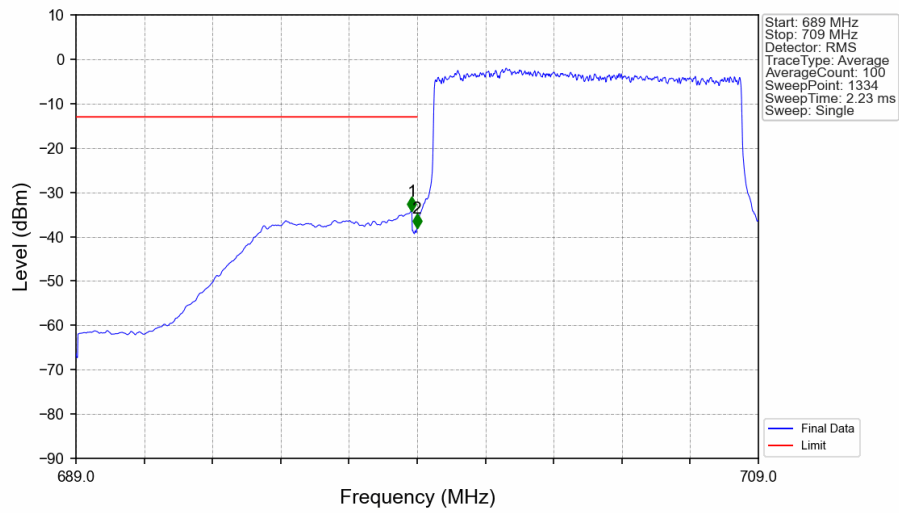


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-42.54	-13	Pass
698.9	699	0.03	/	2	698.992	-38.57	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

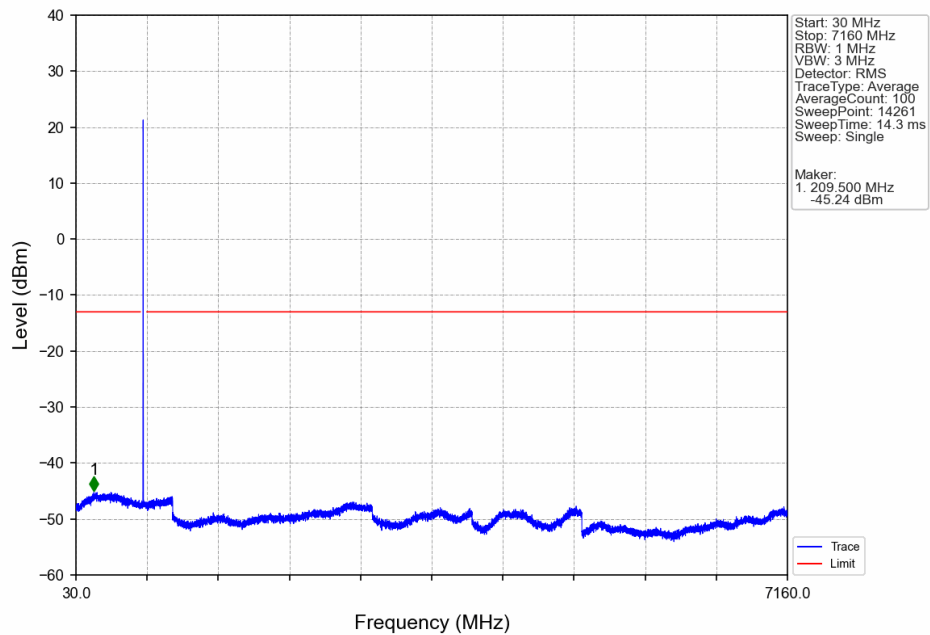


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

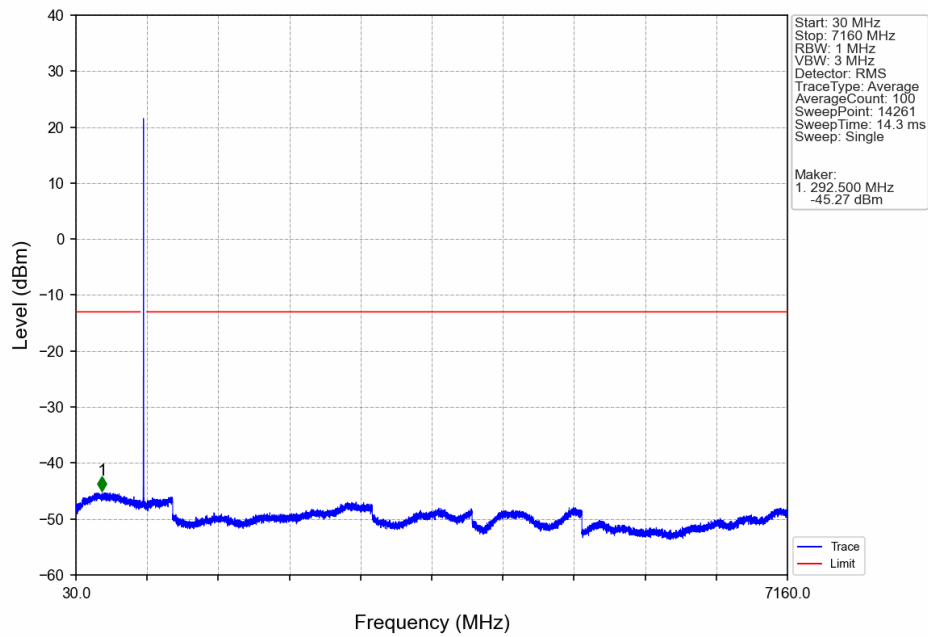


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-34.24	-13	Pass
698.9	699	0.03	/	2	698.992	-37.97	-13	Pass
699	709	0.03	/	/	/	/	/	/

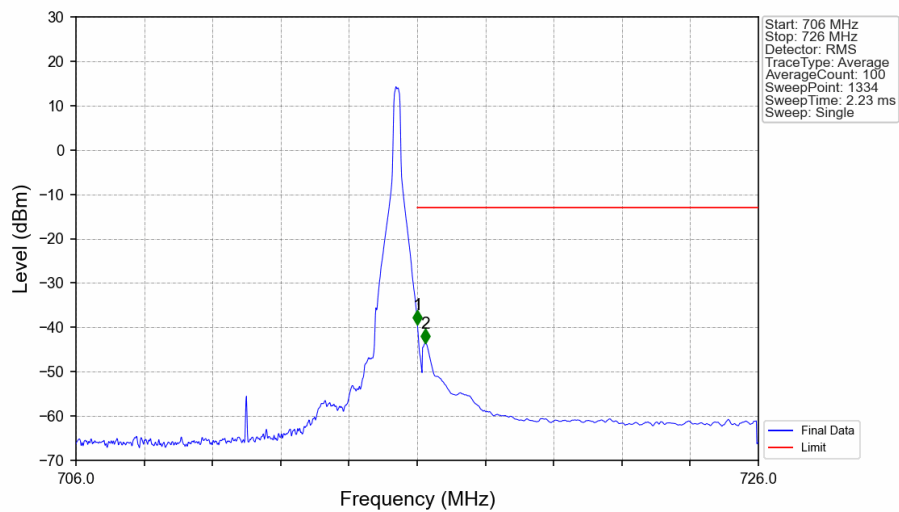
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



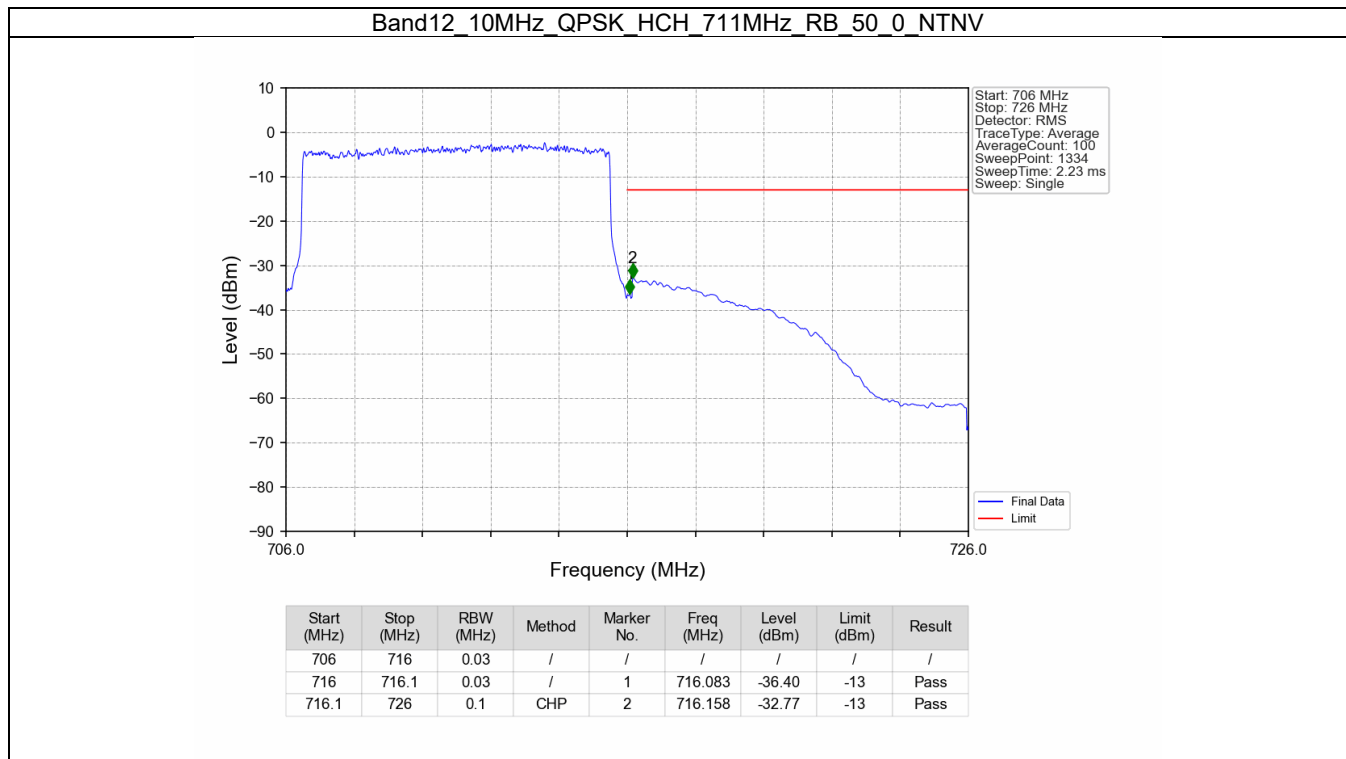
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



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	-39.32	-13	Pass
716.1	726	0.1	CHP	2	716.248	-43.57	-13	Pass



- End of the Appendix -