Appendix A.10

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	23.00	-1.26	19.59	<=34.77	Pass
			2	23.50	-1.26	20.09	<=34.77	Pass
			5	23.19	-1.26	19.78	<=34.77	Pass
		3	0	22.92	-1.26	19.51	<=34.77	Pass
			2	22.81	-1.26	19.40	<=34.77	Pass
			3	22.74	-1.26	19.33	<=34.77	Pass
		6	0	21.74	-1.26	18.33	<=34.77	Pass
	707.5	1	0	22.99	-1.26	19.58	<=34.77	Pass
			2	23.10	-1.26	19.69	<=34.77	Pass
			5	22.82	-1.26	19.41	<=34.77	Pass
		3	0	22.89	-1.26	19.48	<=34.77	Pass
			2	22.88	-1.26	19.47	<=34.77	Pass
			3	22.73	-1.26	19.32	<=34.77	Pass
		6	0	21.92	-1.26	18.51	<=34.77	Pass
	715.3	1	0	22.99	-1.26	19.58	<=34.77	Pass
			2	22.94	-1.26	19.53	<=34.77	Pass
			5	22.84	-1.26	19.43	<=34.77	Pass
		3	0	22.64	-1.26	19.23	<=34.77	Pass
			2	22.68	-1.26	19.27	<=34.77	Pass
			3	22.63	-1.26	19.22	<=34.77	Pass
		6	0	21.66	-1.26	18.25	<=34.77	Pass
16QAM	699.7	1	0	21.58	-1.26	18.17	<=34.77	Pass
			2	21.55	-1.26	18.14	<=34.77	Pass
			5	21.65	-1.26	18.24	<=34.77	Pass
		3	0	21.68	-1.26	18.27	<=34.77	Pass
			2	21.91	-1.26	18.50	<=34.77	Pass
			3	21.84	-1.26	18.43	<=34.77	Pass
		6	0	20.87	-1.26	17.46	<=34.77	Pass
	707.5	1	0	21.52	-1.26	18.11	<=34.77	Pass
			2	21.71	-1.26	18.30	<=34.77	Pass
			5	21.30	-1.26	17.89	<=34.77	Pass
		3	0	21.95	-1.26	18.54	<=34.77	Pass
			2	21.94	-1.26	18.53	<=34.77	Pass
			3	21.88	-1.26	18.47	<=34.77	Pass
		6	0	20.77	-1.26	17.36	<=34.77	Pass
	715.3	1	0	21.89	-1.26	18.48	<=34.77	Pass
			2	21.47	-1.26	18.06	<=34.77	Pass
			5	21.58	-1.26	18.17	<=34.77	Pass
		3	0	21.65	-1.26	18.24	<=34.77	Pass
			2	21.79	-1.26	18.38	<=34.77	Pass

			3	21.70	-1.26	18.29	<=34.77	Pass
		6	0	20.55	-1.26	17.14	<=34.77	Pass
64QAM	699.7	1	0	21.51	-1.26	18.10	<=34.77	Pass
			2	21.05	-1.26	17.64	<=34.77	Pass
			5	21.33	-1.26	17.92	<=34.77	Pass
		3	0	21.69	-1.26	18.28	<=34.77	Pass
			2	21.71	-1.26	18.30	<=34.77	Pass
			3	21.77	-1.26	18.36	<=34.77	Pass
		6	0	20.47	-1.26	17.06	<=34.77	Pass
	707.5	1	0	21.39	-1.26	17.98	<=34.77	Pass
			2	21.36	-1.26	17.95	<=34.77	Pass
			5	21.21	-1.26	17.80	<=34.77	Pass
		3	0	21.93	-1.26	18.52	<=34.77	Pass
			2	22.14	-1.26	18.73	<=34.77	Pass
			3	21.83	-1.26	18.42	<=34.77	Pass
		6	0	20.80	-1.26	17.39	<=34.77	Pass
	715.3	1	0	21.20	-1.26	17.79	<=34.77	Pass
			2	21.26	-1.26	17.85	<=34.77	Pass
			5	21.33	-1.26	17.92	<=34.77	Pass
		3	0	21.63	-1.26	18.22	<=34.77	Pass
			2	21.74	-1.26	18.33	<=34.77	Pass
			3	21.81	-1.26	18.40	<=34.77	Pass
		6	0	20.68	-1.26	17.27	<=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	23.06	-1.26	19.65	<=34.77	Pass
			7	23.17	-1.26	19.76	<=34.77	Pass
			14	23.14	-1.26	19.73	<=34.77	Pass
		8	0	21.90	-1.26	18.49	<=34.77	Pass
			4	21.98	-1.26	18.57	<=34.77	Pass
			7	21.93	-1.26	18.52	<=34.77	Pass
		15	0	21.90	-1.26	18.49	<=34.77	Pass
	707.5	1	0	22.86	-1.26	19.45	<=34.77	Pass
			7	23.22	-1.26	19.81	<=34.77	Pass
			14	22.86	-1.26	19.45	<=34.77	Pass
		8	0	22.01	-1.26	18.60	<=34.77	Pass
			4	22.01	-1.26	18.60	<=34.77	Pass
			7	21.88	-1.26	18.47	<=34.77	Pass
		15	0	21.90	-1.26	18.49	<=34.77	Pass
	714.5	1	0	22.97	-1.26	19.56	<=34.77	Pass
			7	23.04	-1.26	19.63	<=34.77	Pass
			14	22.97	-1.26	19.56	<=34.77	Pass
		8	0	21.86	-1.26	18.45	<=34.77	Pass
			4	21.95	-1.26	18.54	<=34.77	Pass
			7	21.88	-1.26	18.47	<=34.77	Pass
		15	0	21.85	-1.26	18.44	<=34.77	Pass

16QAM	700.5	1	0	21.71	-1.26	18.30	<=34.77	Pass
			7	21.60	-1.26	18.19	<=34.77	Pass
			14	21.66	-1.26	18.25	<=34.77	Pass
		8	0	20.82	-1.26	17.41	<=34.77	Pass
			4	20.94	-1.26	17.53	<=34.77	Pass
			7	21.11	-1.26	17.70	<=34.77	Pass
		15	0	20.91	-1.26	17.50	<=34.77	Pass
	707.5	1	0	21.53	-1.26	18.12	<=34.77	Pass
			7	21.62	-1.26	18.21	<=34.77	Pass
			14	21.37	-1.26	17.96	<=34.77	Pass
		8	0	20.85	-1.26	17.44	<=34.77	Pass
			4	20.98	-1.26	17.57	<=34.77	Pass
			7	20.78	-1.26	17.37	<=34.77	Pass
		15	0	21.11	-1.26	17.70	<=34.77	Pass
	714.5	1	0	21.58	-1.26	18.17	<=34.77	Pass
			7	21.56	-1.26	18.15	<=34.77	Pass
			14	21.40	-1.26	17.99	<=34.77	Pass
		8	0	20.84	-1.26	17.43	<=34.77	Pass
			4	20.92	-1.26	17.51	<=34.77	Pass
			7	21.04	-1.26	17.63	<=34.77	Pass
		15	0	20.88	-1.26	17.47	<=34.77	Pass
64QAM	700.5	1	0	21.29	-1.26	17.88	<=34.77	Pass
			7	21.67	-1.26	18.26	<=34.77	Pass
			14	21.28	-1.26	17.87	<=34.77	Pass
		8	0	20.75	-1.26	17.34	<=34.77	Pass
			4	20.83	-1.26	17.42	<=34.77	Pass
			7	20.69	-1.26	17.28	<=34.77	Pass
		15	0	20.74	-1.26	17.33	<=34.77	Pass
	707.5	1	0	21.22	-1.26	17.81	<=34.77	Pass
			7	21.36	-1.26	17.95	<=34.77	Pass
			14	20.86	-1.26	17.45	<=34.77	Pass
		8	0	20.45	-1.26	17.04	<=34.77	Pass
			4	20.93	-1.26	17.52	<=34.77	Pass
			7	20.79	-1.26	17.38	<=34.77	Pass
		15	0	21.16	-1.26	17.75	<=34.77	Pass
	714.5	1	0	21.37	-1.26	17.96	<=34.77	Pass
			7	21.72	-1.26	18.31	<=34.77	Pass
			14	21.20	-1.26	17.79	<=34.77	Pass
		8	0	20.58	-1.26	17.17	<=34.77	Pass
			4	20.72	-1.26	17.31	<=34.77	Pass
			7	20.77	-1.26	17.36	<=34.77	Pass
		15	0	20.60	-1.26	17.19	<=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	22.86	-1.26	19.45	<=34.77	Pass
			13	23.04	-1.26	19.63	<=34.77	Pass

			24	22.73	-1.26	19.32	<=34.77	Pass
		12	0	21.73	-1.26	18.32	<=34.77	Pass
			6	21.84	-1.26	18.43	<=34.77	Pass
			13	21.60	-1.26	18.19	<=34.77	Pass
		25	0	21.67	-1.26	18.26	<=34.77	Pass
	707.5	1	0	22.65	-1.26	19.24	<=34.77	Pass
			13	22.97	-1.26	19.56	<=34.77	Pass
			24	22.64	-1.26	19.23	<=34.77	Pass
		12	0	21.97	-1.26	18.56	<=34.77	Pass
			6	21.84	-1.26	18.43	<=34.77	Pass
			13	21.55	-1.26	18.14	<=34.77	Pass
		25	0	21.78	-1.26	18.37	<=34.77	Pass
	713.5	1	0	22.82	-1.26	19.41	<=34.77	Pass
			13	22.93	-1.26	19.52	<=34.77	Pass
			24	22.67	-1.26	19.26	<=34.77	Pass
		12	0	21.74	-1.26	18.33	<=34.77	Pass
			6	21.86	-1.26	18.45	<=34.77	Pass
			13	21.71	-1.26	18.30	<=34.77	Pass
		25	0	21.74	-1.26	18.33	<=34.77	Pass
16QAM	701.5	1	0	21.47	-1.26	18.06	<=34.77	Pass
			13	21.45	-1.26	18.04	<=34.77	Pass
			24	21.20	-1.26	17.79	<=34.77	Pass
		12	0	20.52	-1.26	17.11	<=34.77	Pass
			6	20.78	-1.26	17.37	<=34.77	Pass
			13	20.75	-1.26	17.34	<=34.77	Pass
		25	0	20.42	-1.26	17.01	<=34.77	Pass
	707.5	1	0	21.37	-1.26	17.96	<=34.77	Pass
			13	21.59	-1.26	18.18	<=34.77	Pass
			24	21.33	-1.26	17.92	<=34.77	Pass
		12	0	20.93	-1.26	17.52	<=34.77	Pass
			6	20.88	-1.26	17.47	<=34.77	Pass
			13	20.52	-1.26	17.11	<=34.77	Pass
		25	0	20.89	-1.26	17.48	<=34.77	Pass
	713.5	1	0	21.47	-1.26	18.06	<=34.77	Pass
			13	21.30	-1.26	17.89	<=34.77	Pass
			24	21.23	-1.26	17.82	<=34.77	Pass
		12	0	20.56	-1.26	17.15	<=34.77	Pass
			6	20.79	-1.26	17.38	<=34.77	Pass
			13	20.80	-1.26	17.39	<=34.77	Pass
		25	0	20.29	-1.26	16.88	<=34.77	Pass
64QAM	701.5	1	0	20.99	-1.26	17.58	<=34.77	Pass
			13	21.39	-1.26	17.98	<=34.77	Pass
			24	20.83	-1.26	17.42	<=34.77	Pass
		12	0	20.41	-1.26	17.00	<=34.77	Pass
			6	20.85	-1.26	17.44	<=34.77	Pass
			13	20.79	-1.26	17.38	<=34.77	Pass
		25	0	20.69	-1.26	17.28	<=34.77	Pass
	707.5	1	0	21.22	-1.26	17.81	<=34.77	Pass
			13	21.07	-1.26	17.66	<=34.77	Pass
			24	20.93	-1.26	17.52	<=34.77	Pass
		12	0	20.80	-1.26	17.39	<=34.77	Pass
			6	20.87	-1.26	17.46	<=34.77	Pass
			13	20.37	-1.26	16.96	<=34.77	Pass

		25	0	20.86	-1.26	17.45	<=34.77	Pass
	713.5	1	0	21.25	-1.26	17.84	<=34.77	Pass
			13	21.34	-1.26	17.93	<=34.77	Pass
			24	20.80	-1.26	17.39	<=34.77	Pass
		12	0	20.48	-1.26	17.07	<=34.77	Pass
			6	20.84	-1.26	17.43	<=34.77	Pass
			13	20.53	-1.26	17.12	<=34.77	Pass
		25	0	20.80	-1.26	17.39	<=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	22.84	-1.26	19.43	<=34.77	Pass
			25	23.01	-1.26	19.60	<=34.77	Pass
			49	22.65	-1.26	19.24	<=34.77	Pass
		25	0	21.75	-1.26	18.34	<=34.77	Pass
			13	21.76	-1.26	18.35	<=34.77	Pass
			25	21.65	-1.26	18.24	<=34.77	Pass
		50	0	21.73	-1.26	18.32	<=34.77	Pass
	707.5	1	0	22.62	-1.26	19.21	<=34.77	Pass
			25	23.05	-1.26	19.64	<=34.77	Pass
			49	22.64	-1.26	19.23	<=34.77	Pass
		25	0	21.83	-1.26	18.42	<=34.77	Pass
			13	21.67	-1.26	18.26	<=34.77	Pass
			25	21.73	-1.26	18.32	<=34.77	Pass
		50	0	21.84	-1.26	18.43	<=34.77	Pass
	711	1	0	22.98	-1.26	19.57	<=34.77	Pass
			25	22.97	-1.26	19.56	<=34.77	Pass
			49	22.74	-1.26	19.33	<=34.77	Pass
		25	0	21.91	-1.26	18.50	<=34.77	Pass
			13	21.85	-1.26	18.44	<=34.77	Pass
			25	21.85	-1.26	18.44	<=34.77	Pass
		50	0	21.89	-1.26	18.48	<=34.77	Pass
16QAM	704	1	0	21.32	-1.26	17.91	<=34.77	Pass
			25	21.69	-1.26	18.28	<=34.77	Pass
			49	21.16	-1.26	17.75	<=34.77	Pass
		25	0	20.79	-1.26	17.38	<=34.77	Pass
			13	20.78	-1.26	17.37	<=34.77	Pass
			25	20.80	-1.26	17.39	<=34.77	Pass
		50	0	20.87	-1.26	17.46	<=34.77	Pass
	707.5	1	0	21.62	-1.26	18.21	<=34.77	Pass
			25	22.03	-1.26	18.62	<=34.77	Pass
			49	21.38	-1.26	17.97	<=34.77	Pass
		25	0	20.99	-1.26	17.58	<=34.77	Pass
			13	20.86	-1.26	17.45	<=34.77	Pass
			25	20.66	-1.26	17.25	<=34.77	Pass
		50	0	20.90	-1.26	17.49	<=34.77	Pass
	711	1	0	21.39	-1.26	17.98	<=34.77	Pass

			25	21.76	-1.26	18.35	<=34.77	Pass
			49	21.43	-1.26	18.02	<=34.77	Pass
		25	0	20.87	-1.26	17.46	<=34.77	Pass
			13	20.81	-1.26	17.40	<=34.77	Pass
			25	20.71	-1.26	17.30	<=34.77	Pass
		50	0	20.73	-1.26	17.32	<=34.77	Pass
64QAM	704	1	0	21.19	-1.26	17.78	<=34.77	Pass
			25	21.53	-1.26	18.12	<=34.77	Pass
			49	20.90	-1.26	17.49	<=34.77	Pass
		25	0	20.89	-1.26	17.48	<=34.77	Pass
			13	20.79	-1.26	17.38	<=34.77	Pass
			25	20.80	-1.26	17.39	<=34.77	Pass
		50	0	20.77	-1.26	17.36	<=34.77	Pass
	707.5	1	0	21.18	-1.26	17.77	<=34.77	Pass
			25	21.71	-1.26	18.30	<=34.77	Pass
			49	20.98	-1.26	17.57	<=34.77	Pass
		25	0	20.86	-1.26	17.45	<=34.77	Pass
			13	20.86	-1.26	17.45	<=34.77	Pass
			25	20.69	-1.26	17.28	<=34.77	Pass
		50	0	21.00	-1.26	17.59	<=34.77	Pass
	711	1	0	21.26	-1.26	17.85	<=34.77	Pass
			25	21.23	-1.26	17.82	<=34.77	Pass
			49	21.25	-1.26	17.84	<=34.77	Pass
		25	0	21.01	-1.26	17.60	<=34.77	Pass
			13	20.92	-1.26	17.51	<=34.77	Pass
			25	20.92	-1.26	17.51	<=34.77	Pass
		50	0	20.85	-1.26	17.44	<=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	8.8	-0.200	-0.0003	-2.5 to 2.5	Pass
					7.7	1.000	0.0014	-2.5 to 2.5	Pass
					6.6	2.500	0.0035	-2.5 to 2.5	Pass
				-30	7.7	0.200	0.0003	-2.5 to 2.5	Pass
				-20	7.7	1.300	0.0018	-2.5 to 2.5	Pass
				-10	7.7	1.200	0.0017	-2.5 to 2.5	Pass
				0	7.7	2.200	0.0031	-2.5 to 2.5	Pass
				10	7.7	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	7.7	0.700	0.0010	-2.5 to 2.5	Pass
				40	7.7	0.700	0.0010	-2.5 to 2.5	Pass
				50	7.7	-0.200	-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	1.090	/	Pass
	16QAM	707.5	6	0	1.087	/	Pass
	64QAM	707.5	6	0	1.089	/	Pass
3	QPSK	707.5	15	0	2.685	/	Pass
	16QAM	707.5	15	0	2.686	/	Pass
	64QAM	707.5	15	0	2.692	/	Pass
5	QPSK	707.5	25	0	4.474	/	Pass
	16QAM	707.5	25	0	4.477	/	Pass
	64QAM	707.5	25	0	4.478	/	Pass
10	QPSK	707.5	50	0	8.927	/	Pass
	16QAM	707.5	50	0	8.915	/	Pass
	64QAM	707.5	50	0	8.944	/	Pass

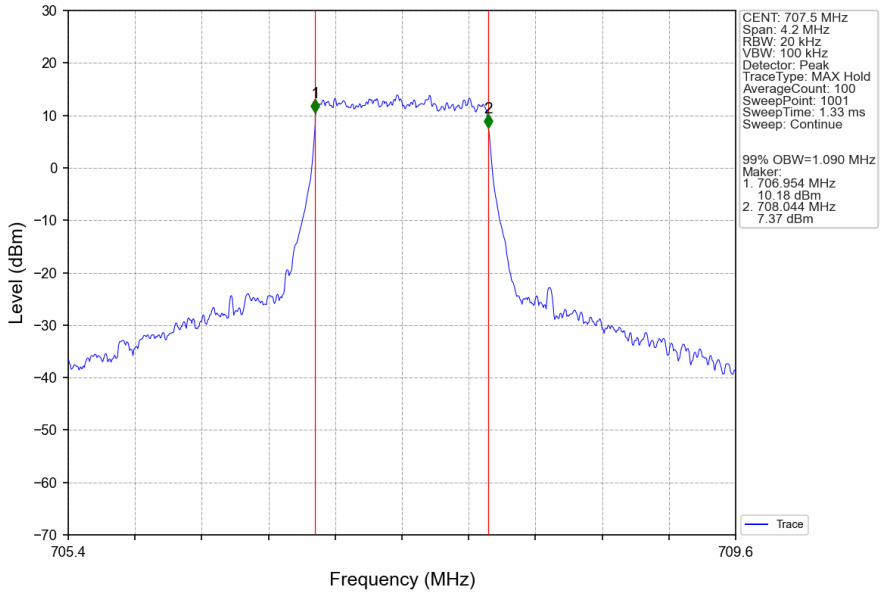
3.1.2 Band12_XDB

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	1.277	/	Pass
	16QAM	707.5	6	0	1.261	/	Pass
	64QAM	707.5	6	0	1.286	/	Pass
3	QPSK	707.5	15	0	2.936	/	Pass
	16QAM	707.5	15	0	2.934	/	Pass
	64QAM	707.5	15	0	2.944	/	Pass
5	QPSK	707.5	25	0	4.908	/	Pass
	16QAM	707.5	25	0	4.897	/	Pass
	64QAM	707.5	25	0	4.869	/	Pass
10	QPSK	707.5	50	0	9.657	/	Pass
	16QAM	707.5	50	0	9.634	/	Pass
	64QAM	707.5	50	0	9.713	/	Pass

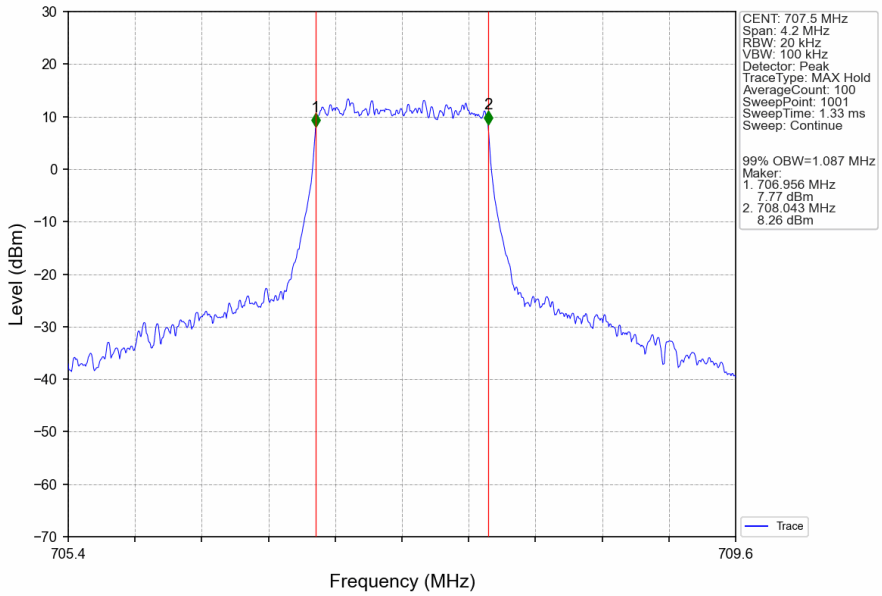
3.2 Test Graph

3.2.1 Band12_OBW

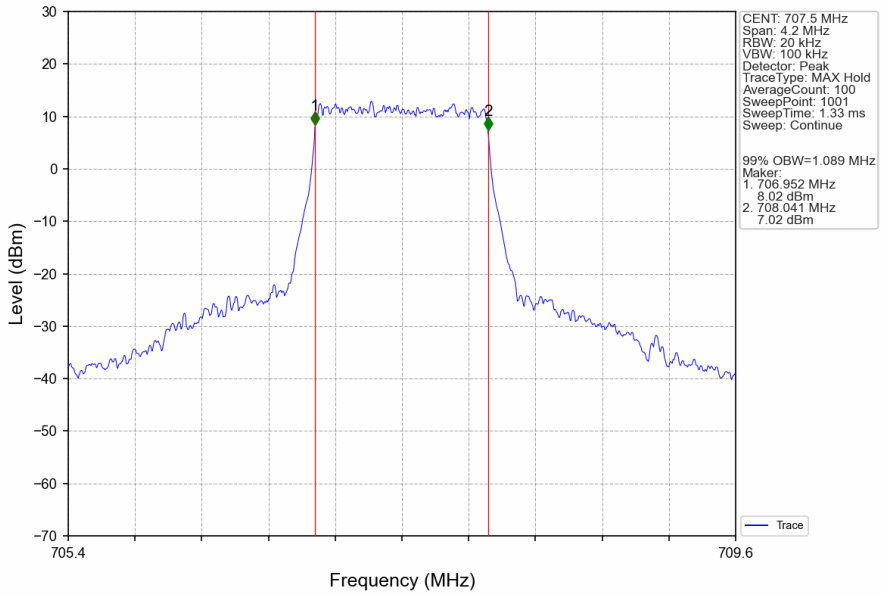
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



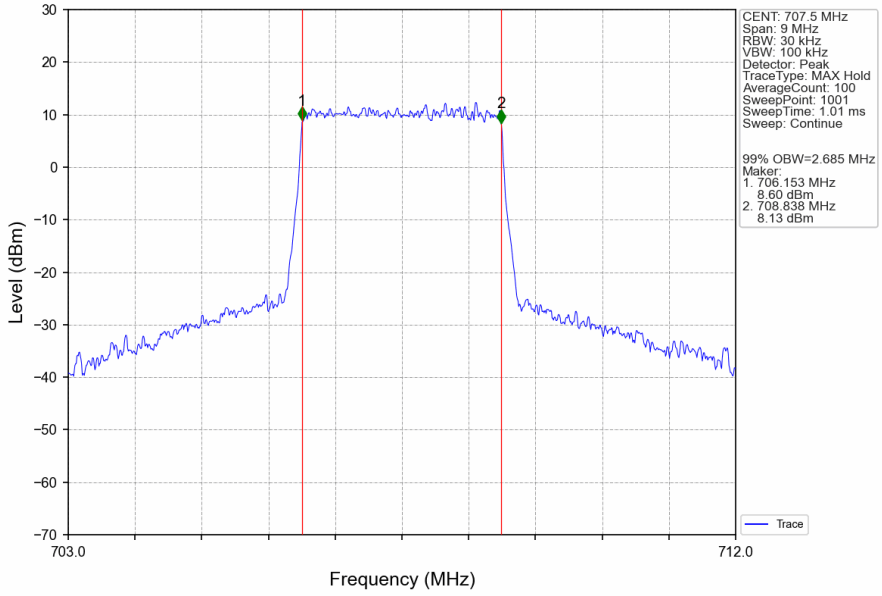
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



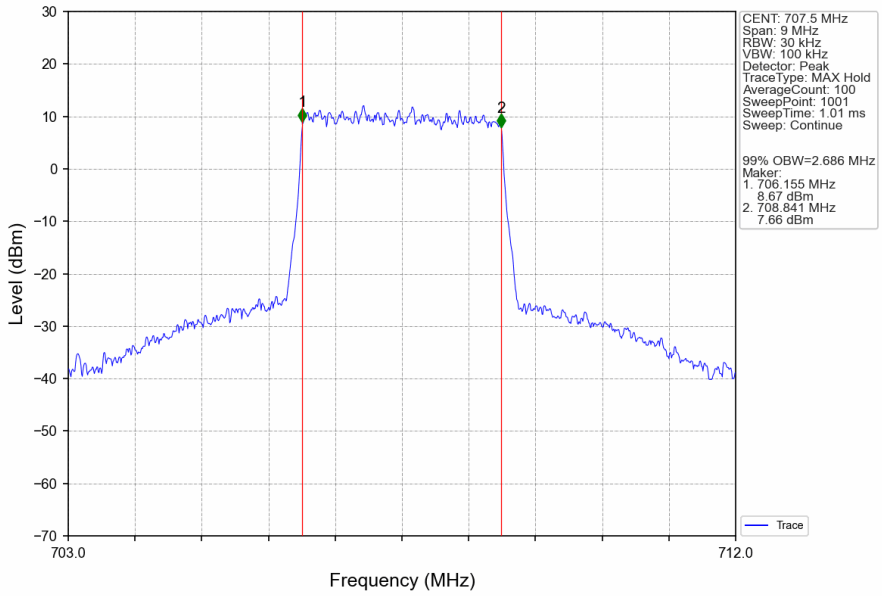
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



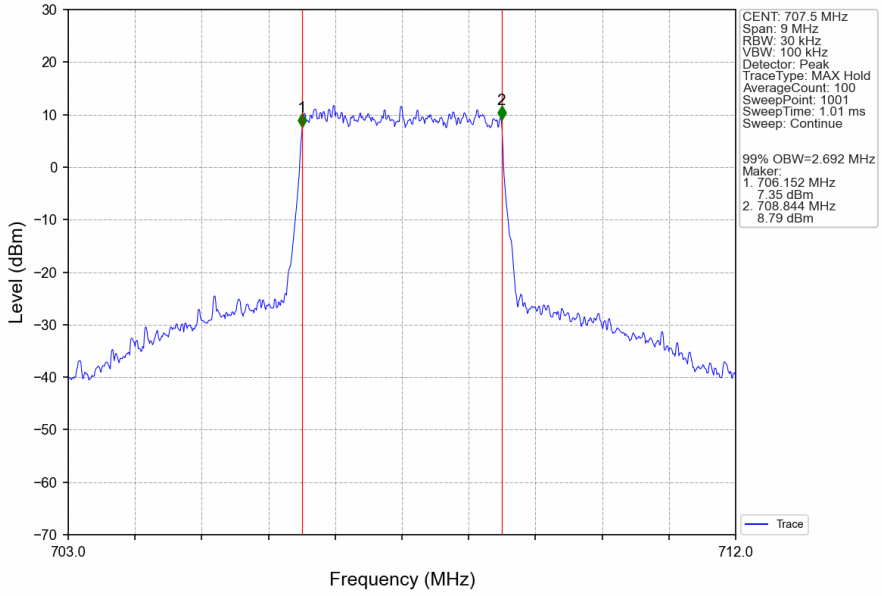
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



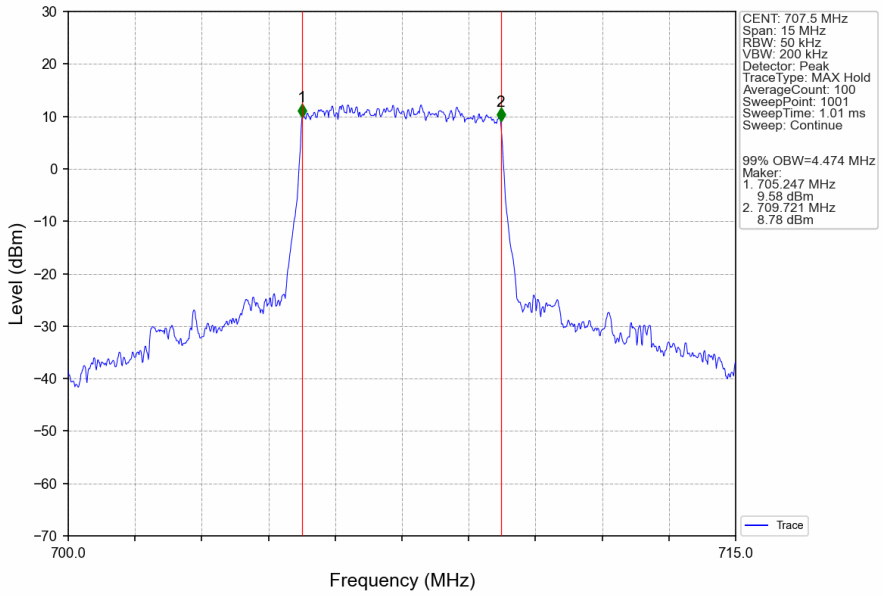
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



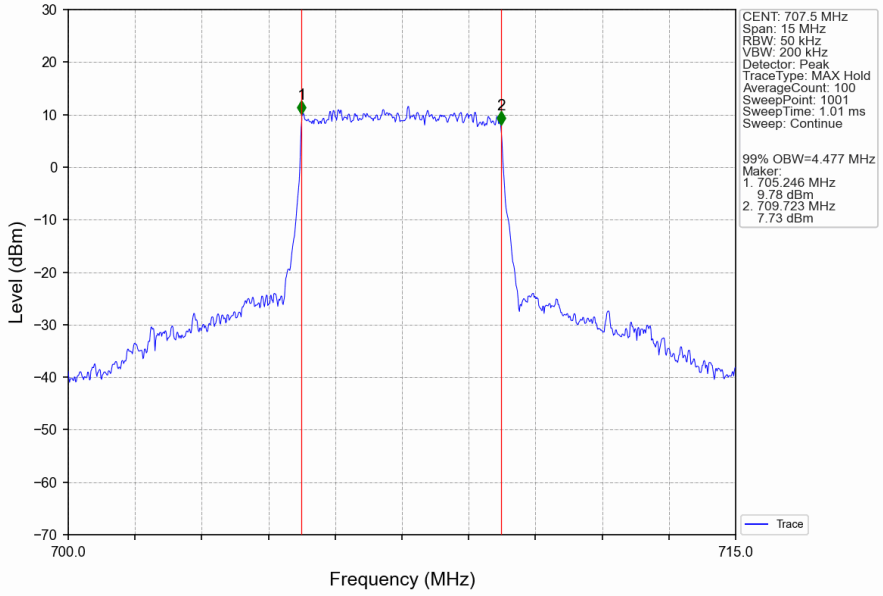
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



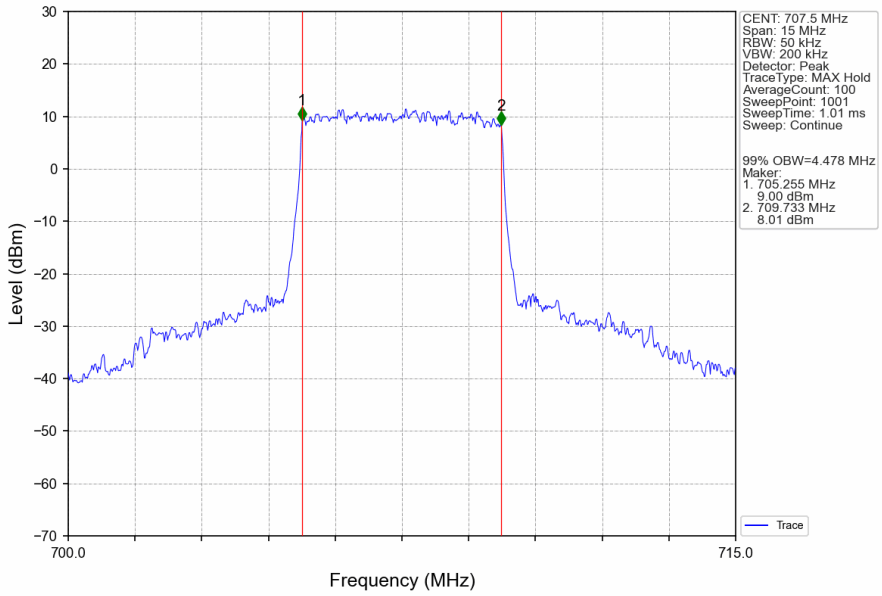
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



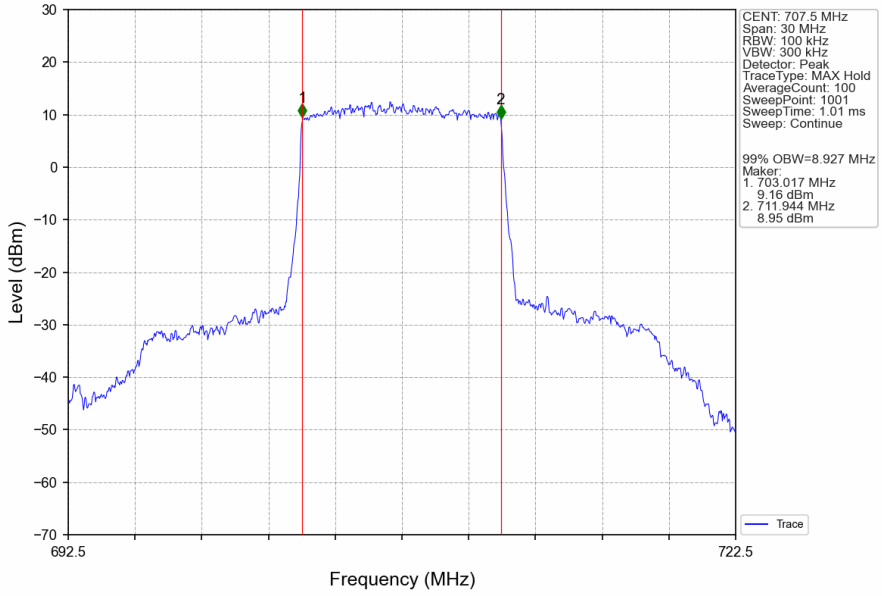
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



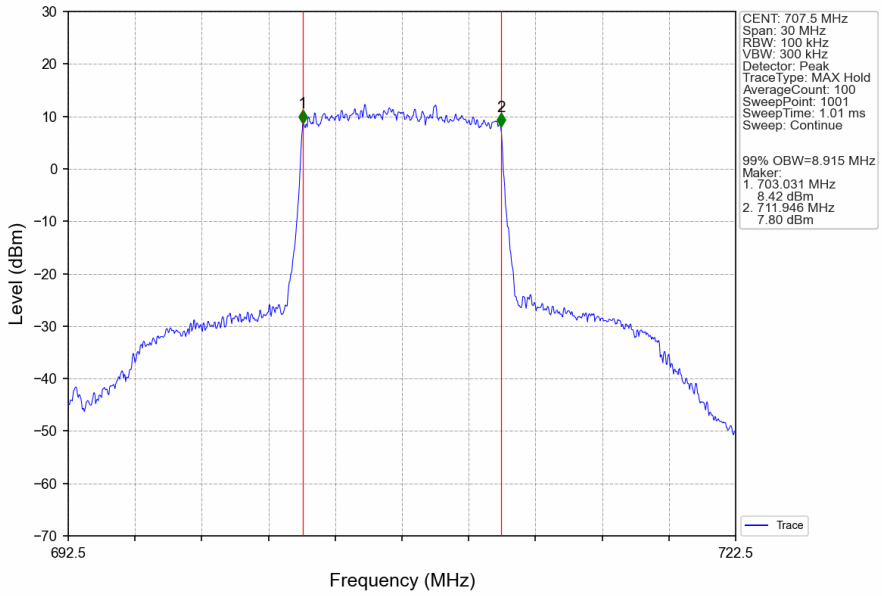
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



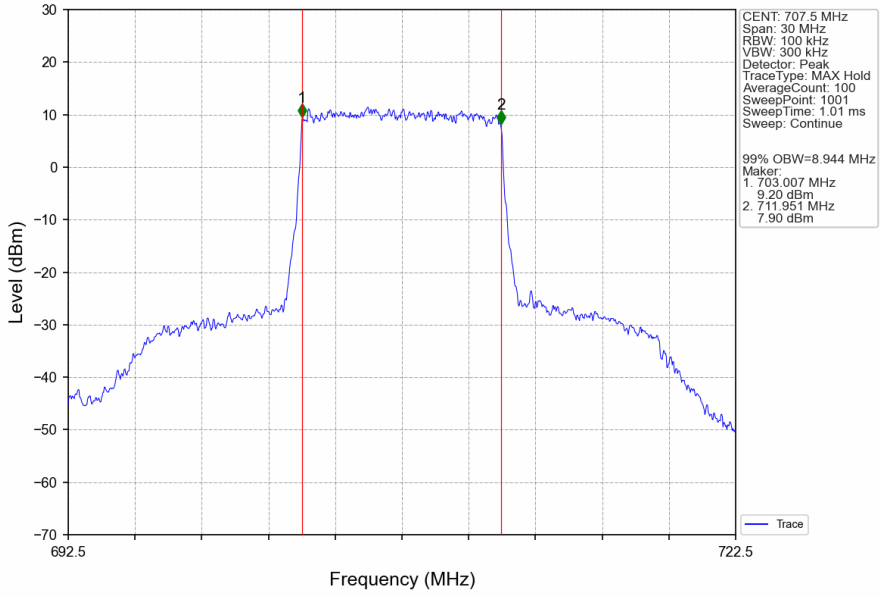
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

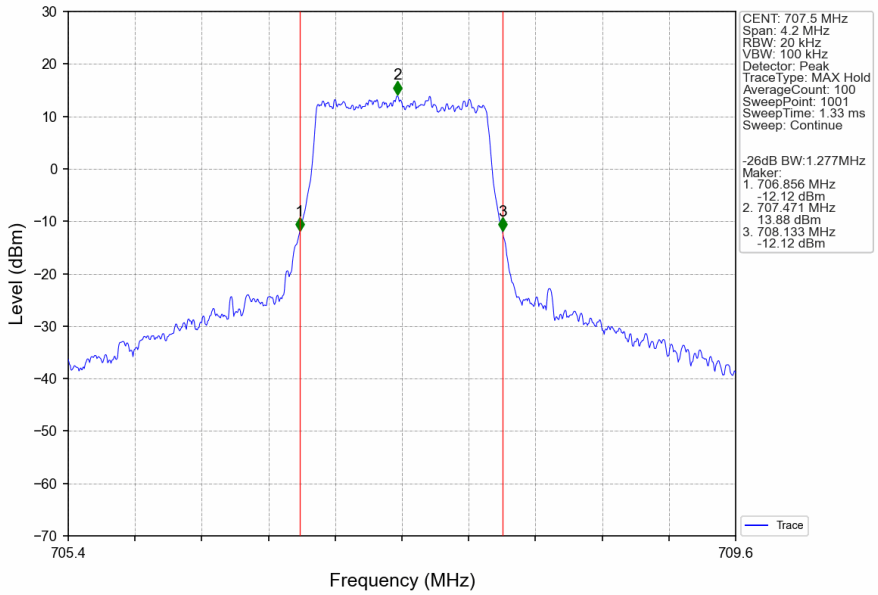


Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV

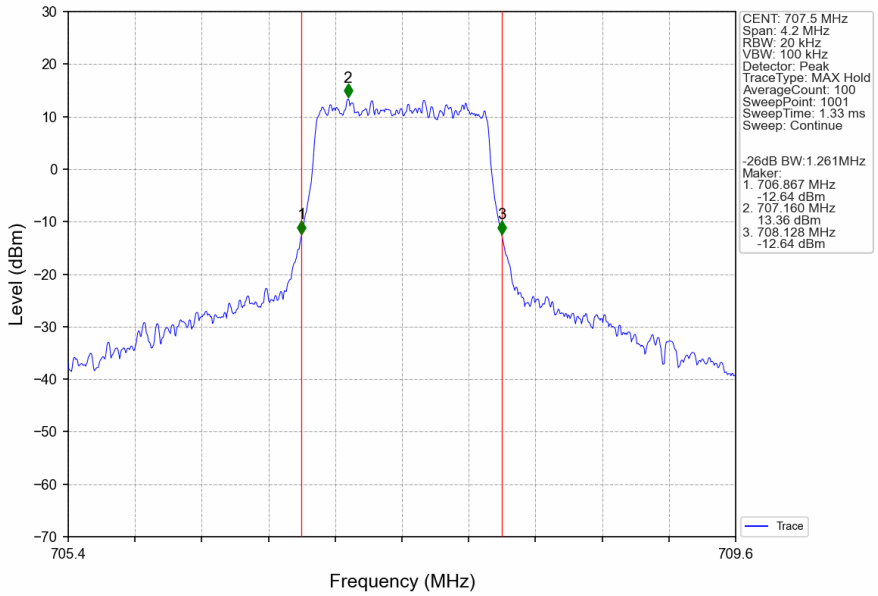


3.2.2 Band12_XDB

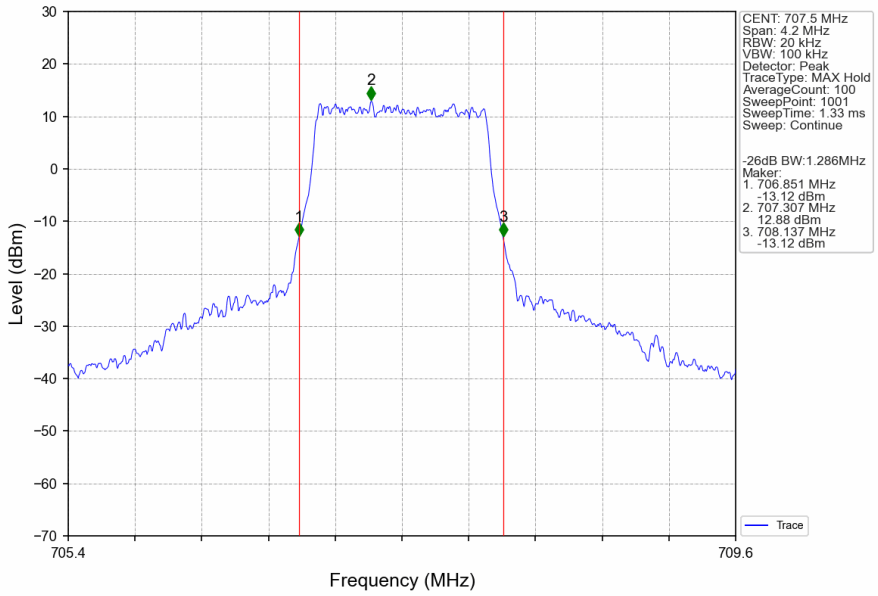
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



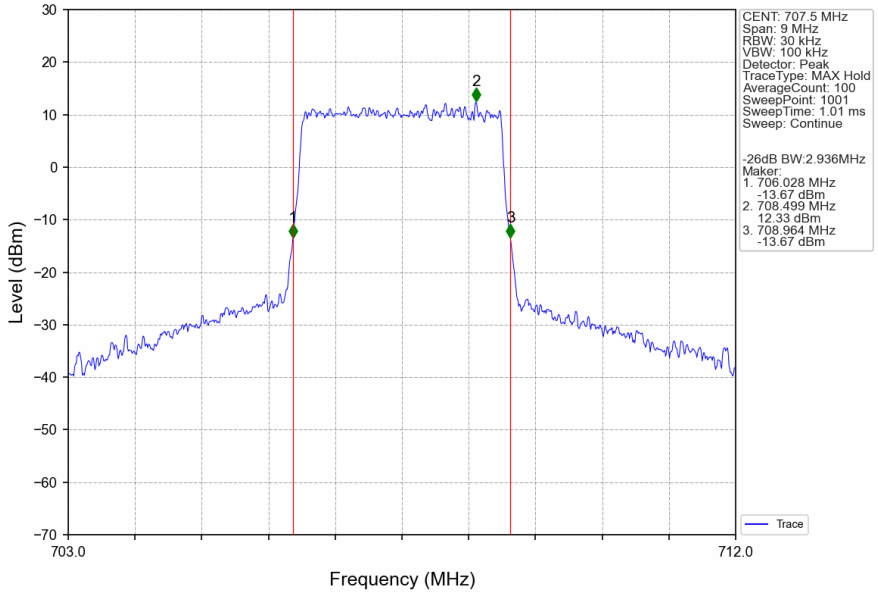
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



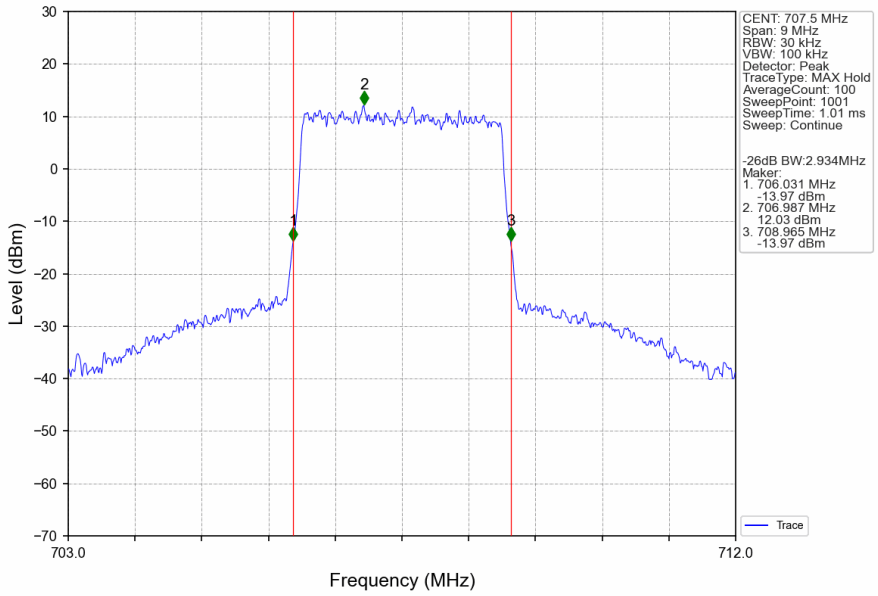
Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



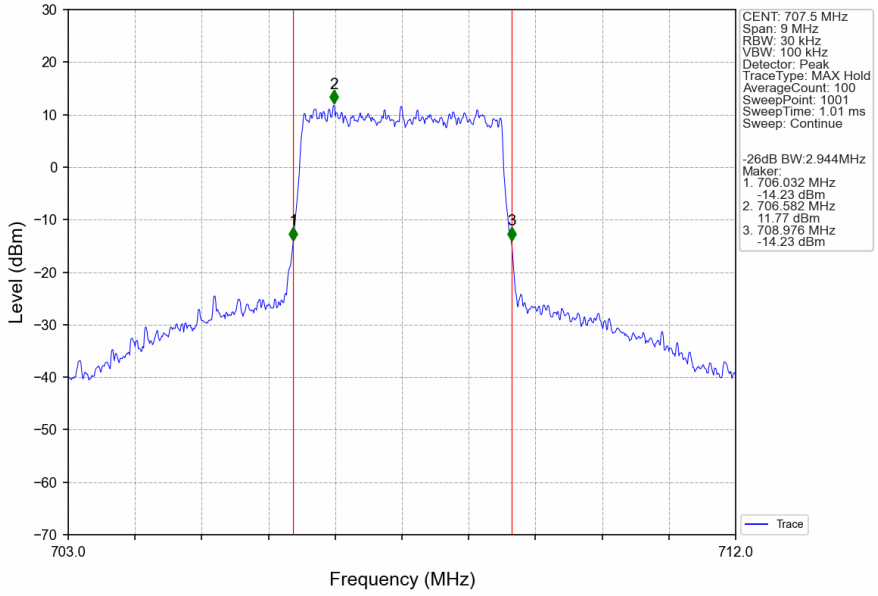
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



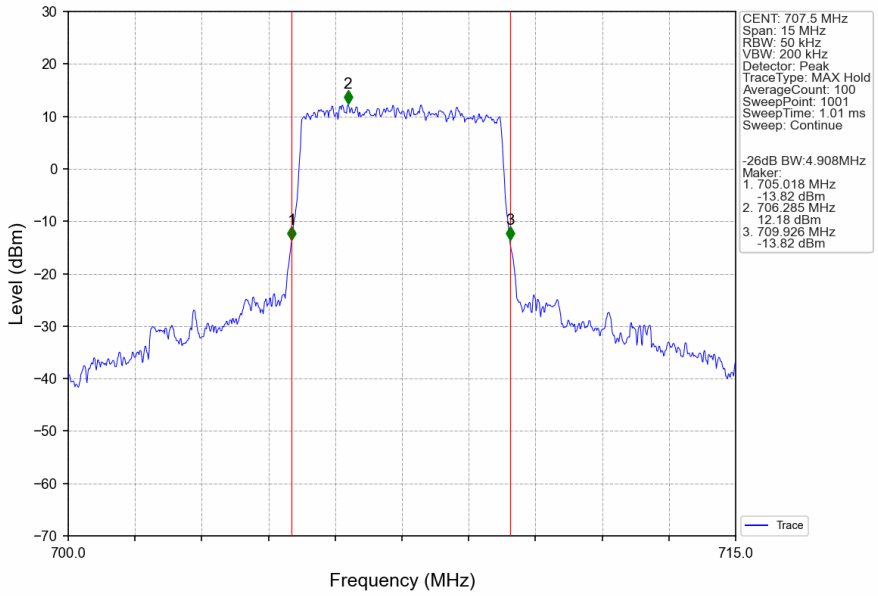
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



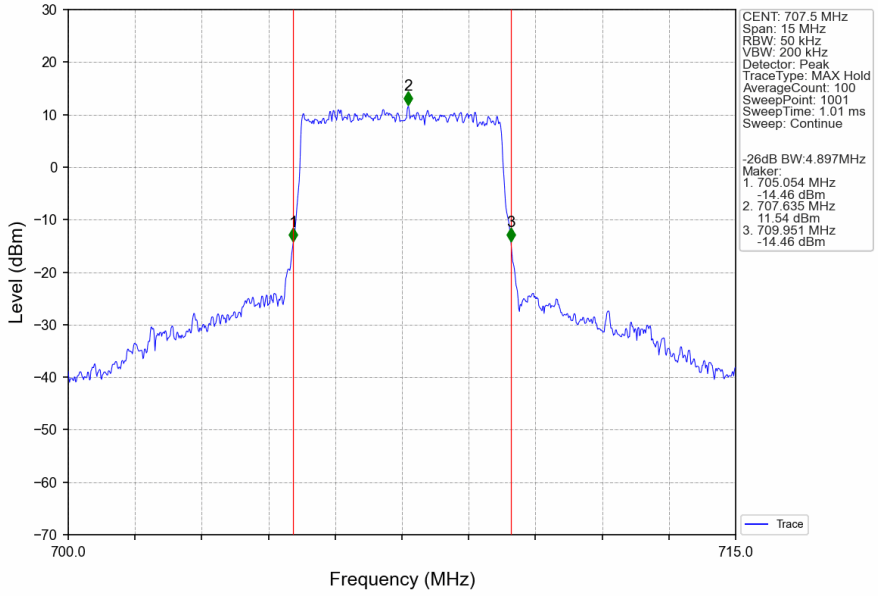
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



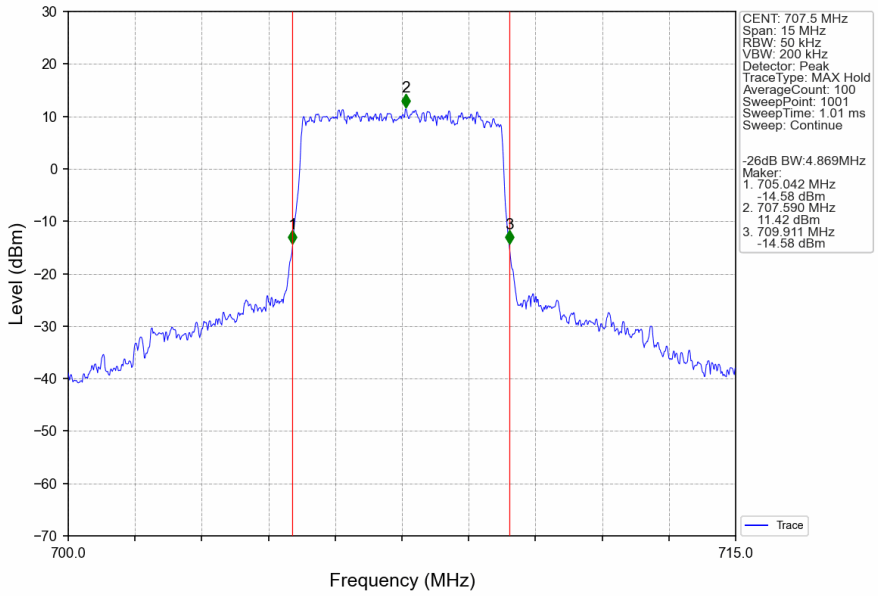
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



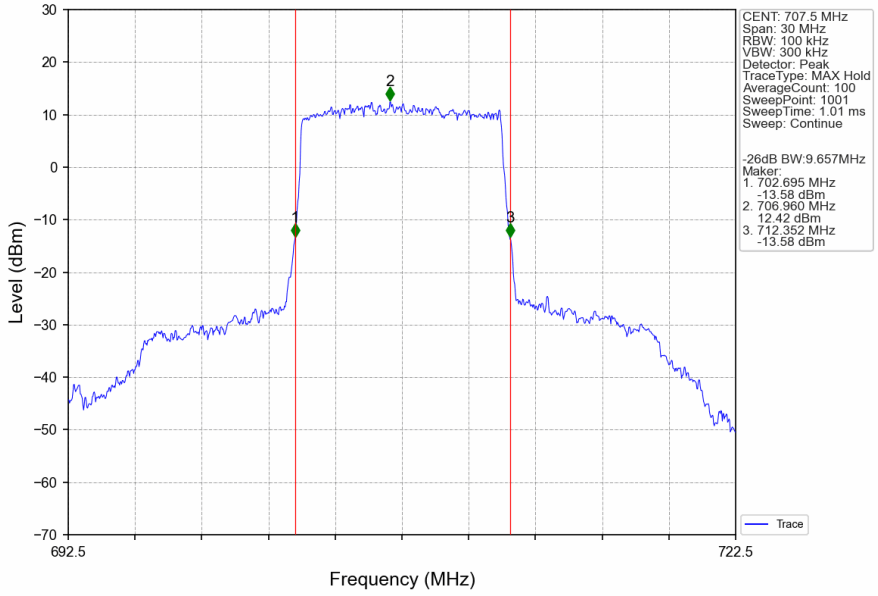
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



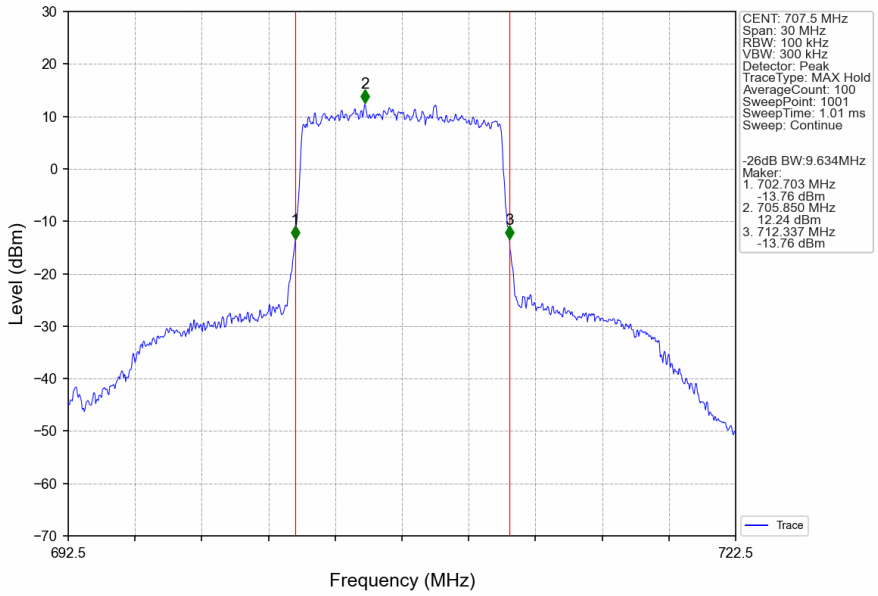
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



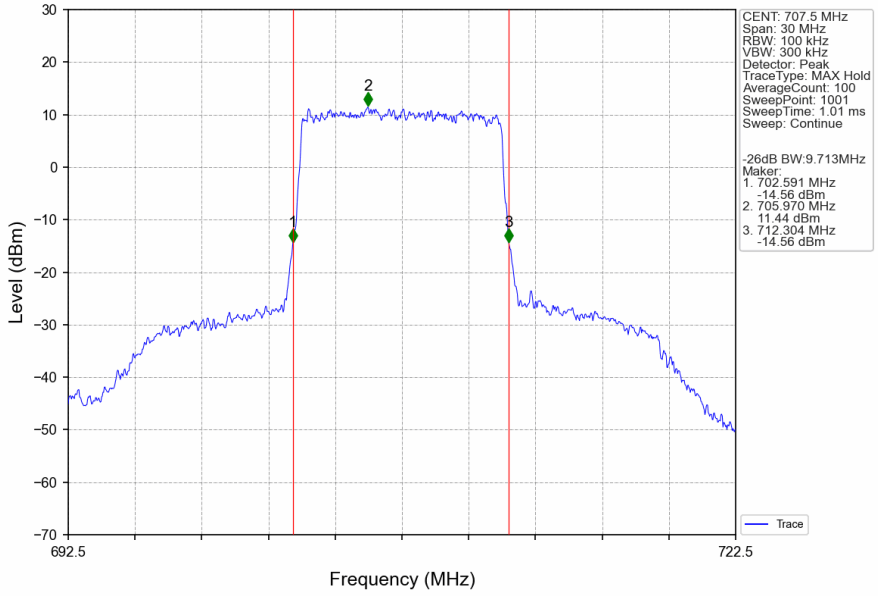
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

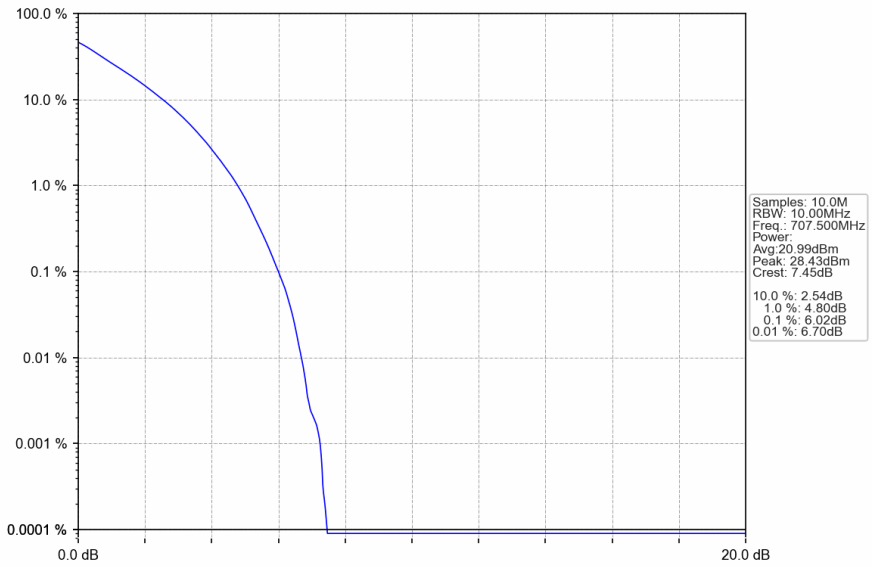
4.1.1 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	6.02	<=13	Pass
16QAM	707.5	50	0	6.74	<=13	Pass
64QAM	707.5	50	0	6.72	<=13	Pass

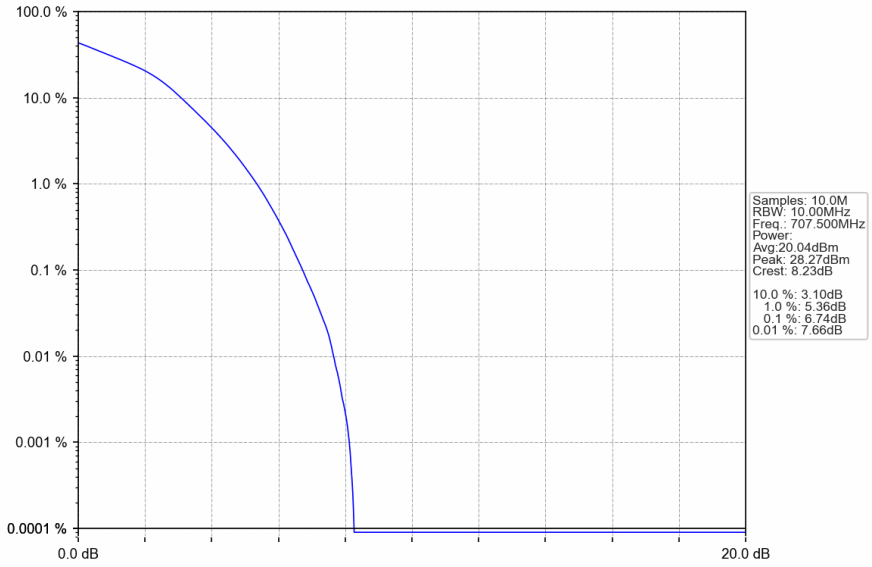
4.2 Test Graph

4.2.1 B12_10MHz

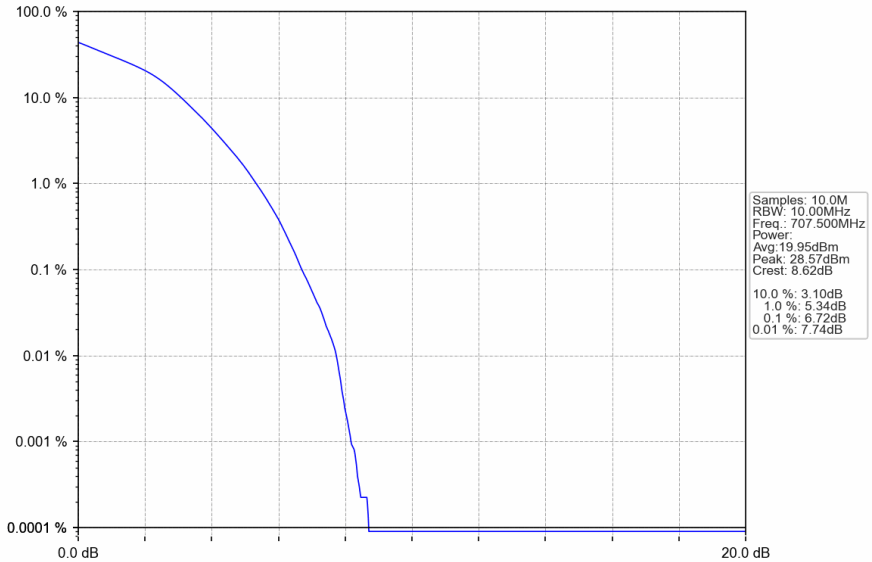
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B12_3MHz

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

5.1.3 B12_5MHz

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

5.1.4 B12_10MHz

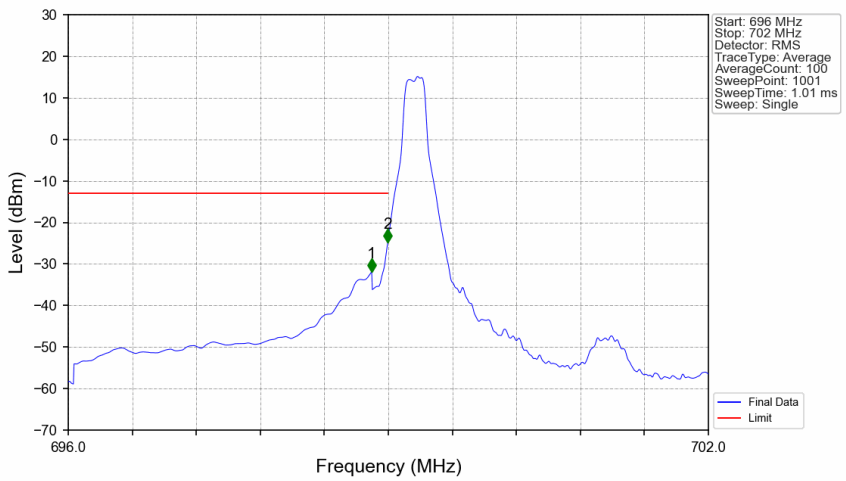
Band: 12 / Bandwidth: 10MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict

	(MHz)	Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

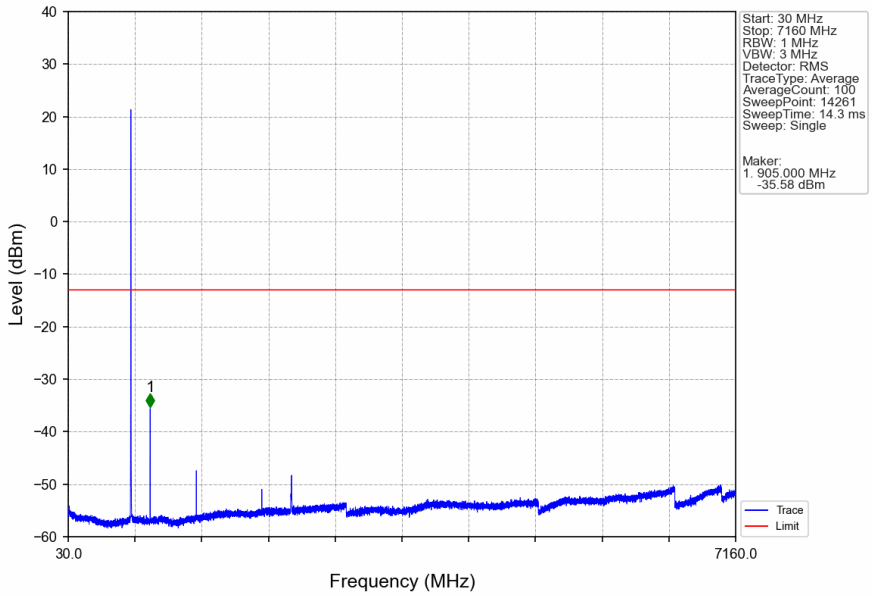
5.2.1 B12_1.4MHz

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

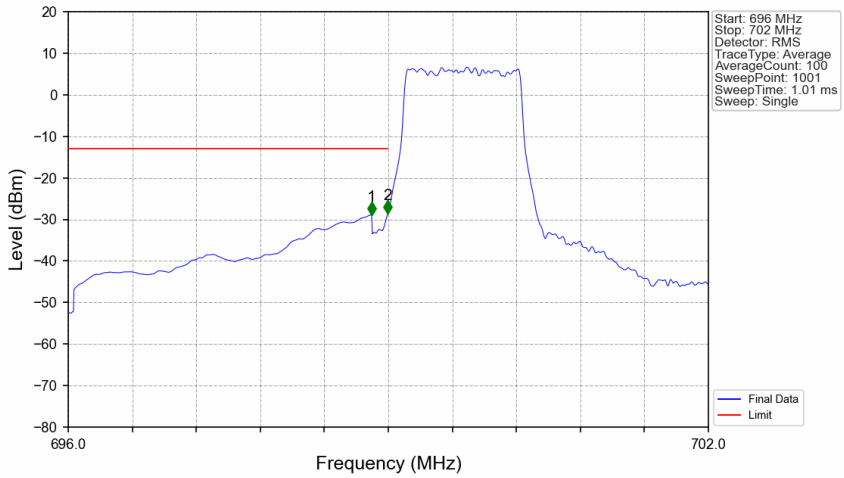


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-31.84	-13	Pass
698.9	699	0.03	/	2	698.994	-24.75	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

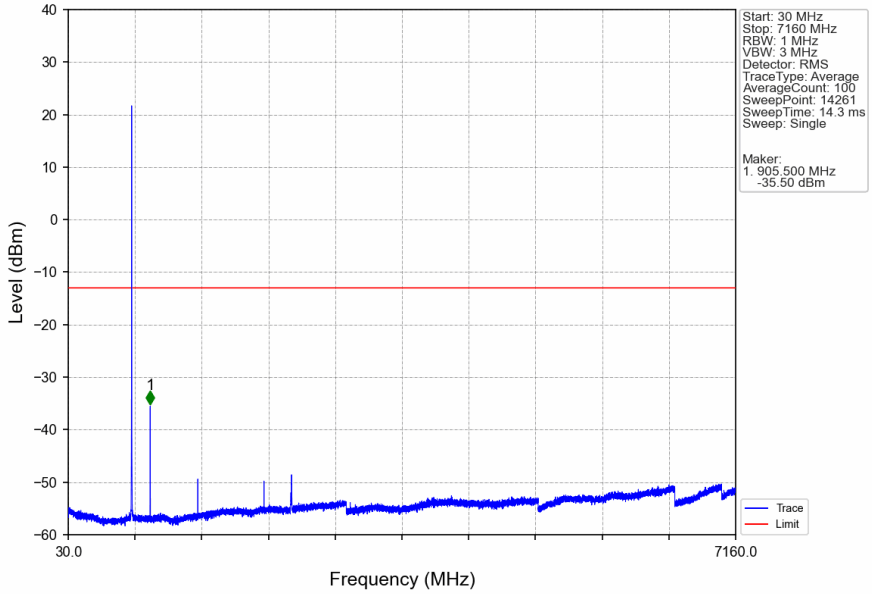


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

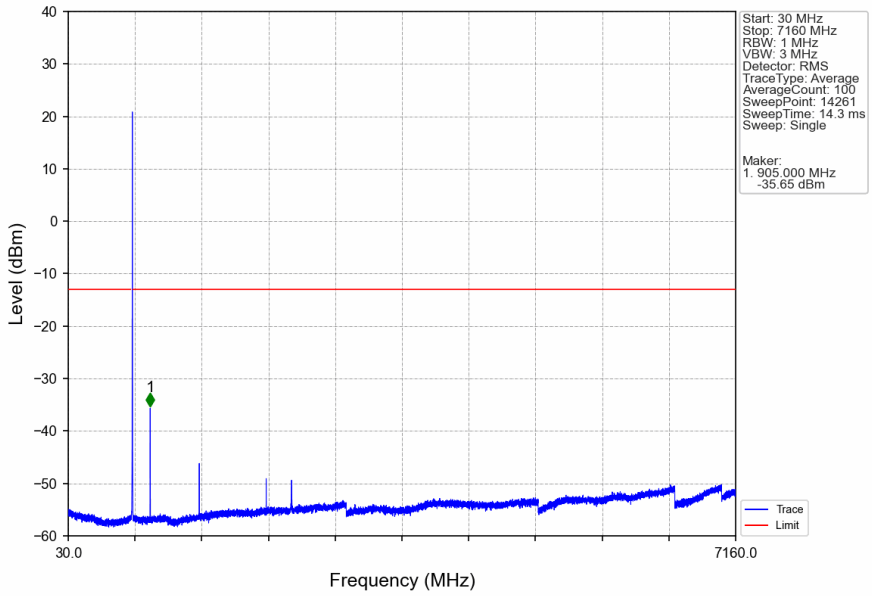


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-28.87	-13	Pass
698.9	699	0.03	/	2	698.994	-28.64	-13	Pass
699	702	0.03	/	/	/	/	/	/

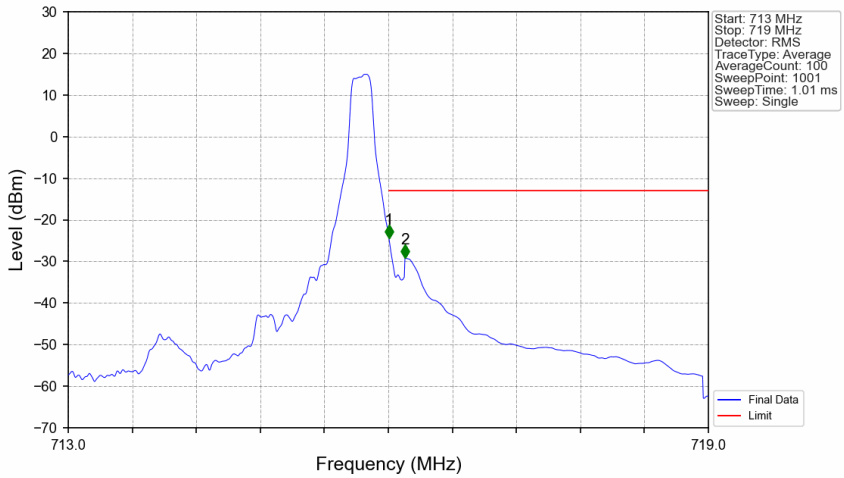
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

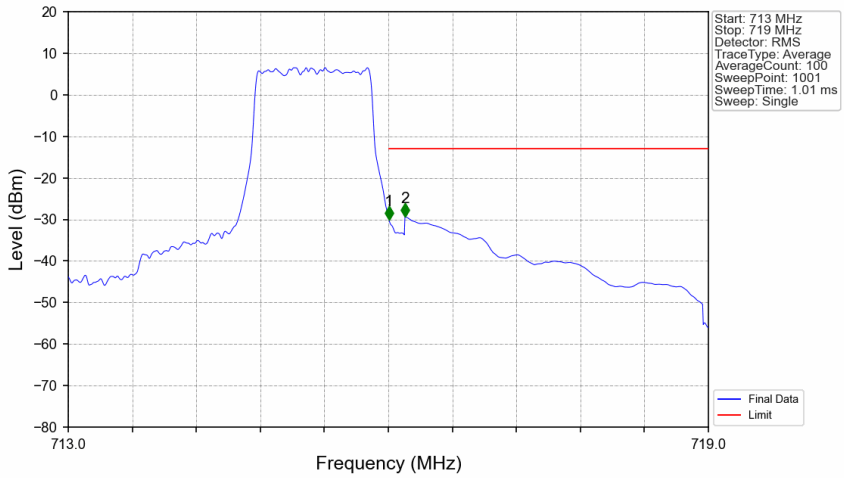


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



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	-24.45	-13	Pass
716.1	719	0.1	CHP	2	716.156	-29.23	-13	Pass

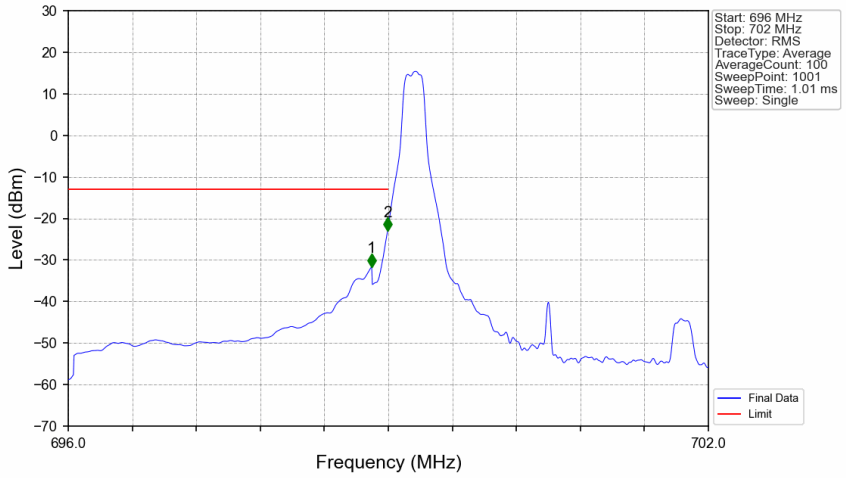
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



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	-30.01	-13	Pass
716.1	719	0.1	CHP	2	716.156	-29.35	-13	Pass

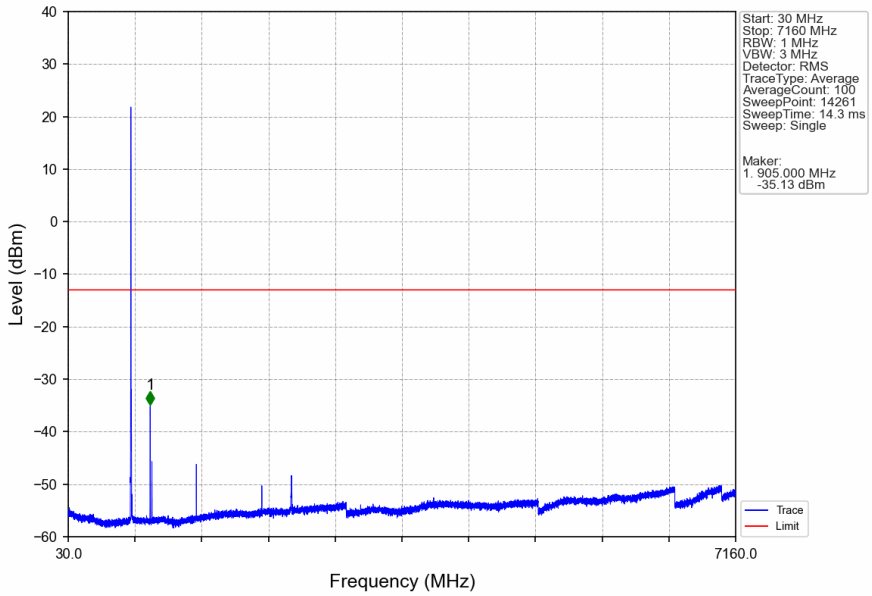
5.2.2 B12_3MHz

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

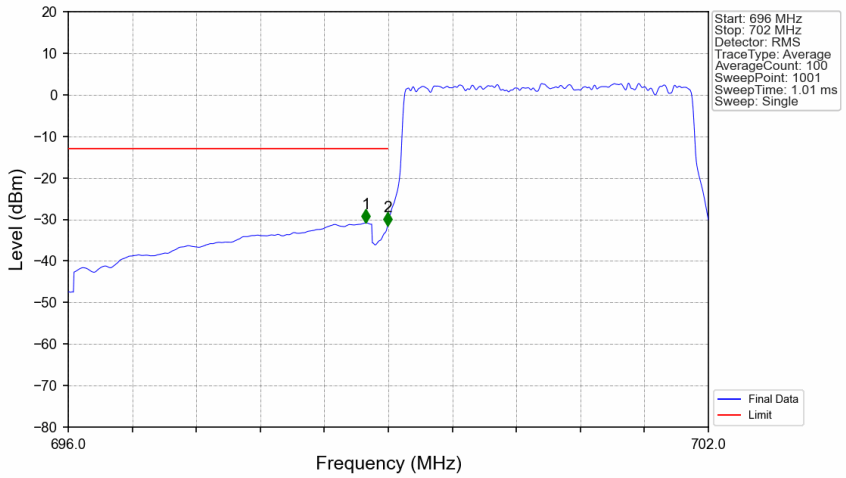


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-31.60	-13	Pass
698.9	699	0.03	/	2	698.994	-22.96	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

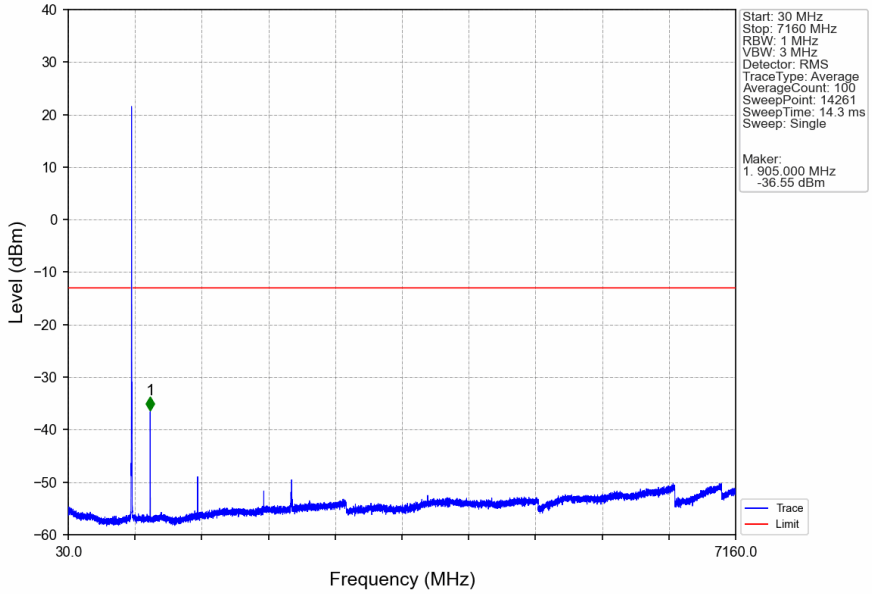


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

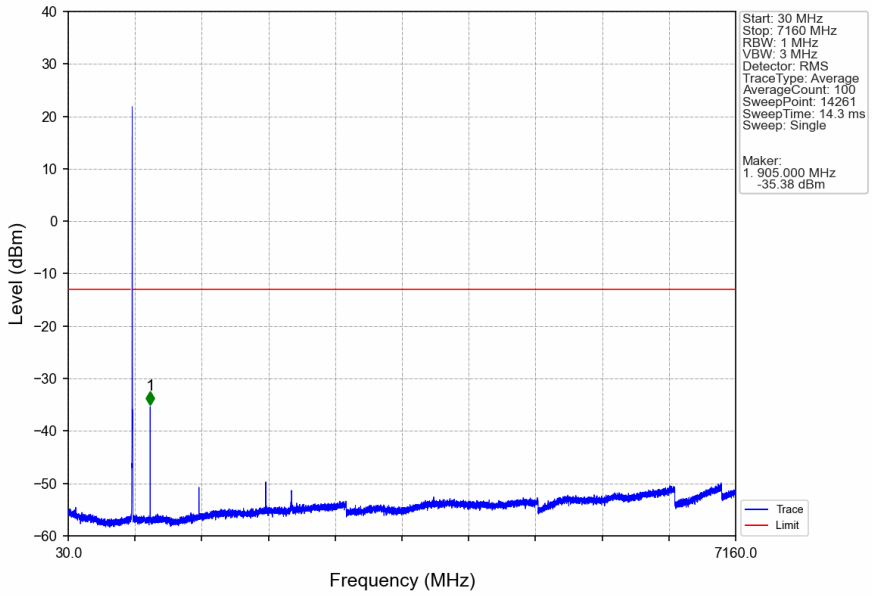


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.790	-30.83	-13	Pass
698.9	699	0.03	/	2	698.994	-31.46	-13	Pass
699	702	0.03	/	/	/	/	/	/

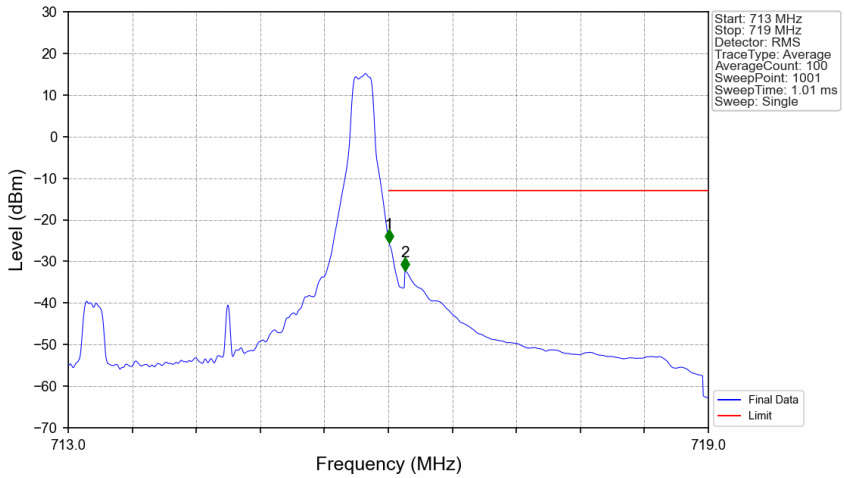
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

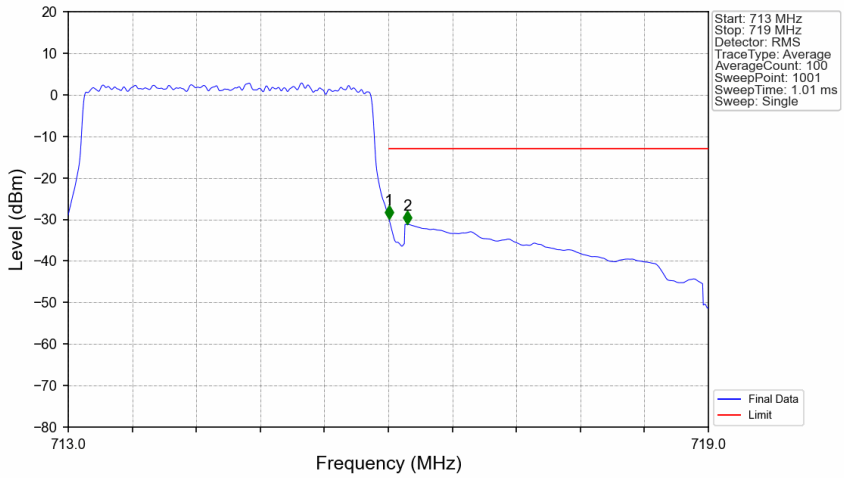


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



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	-25.49	-13	Pass
716.1	719	0.1	CHP	2	716.156	-32.17	-13	Pass

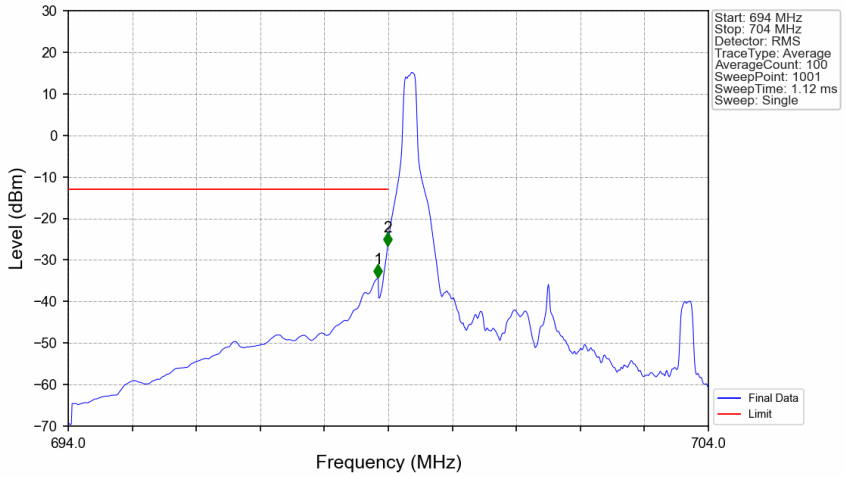
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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	-29.89	-13	Pass
716.1	719	0.1	CHP	2	716.180	-31.21	-13	Pass

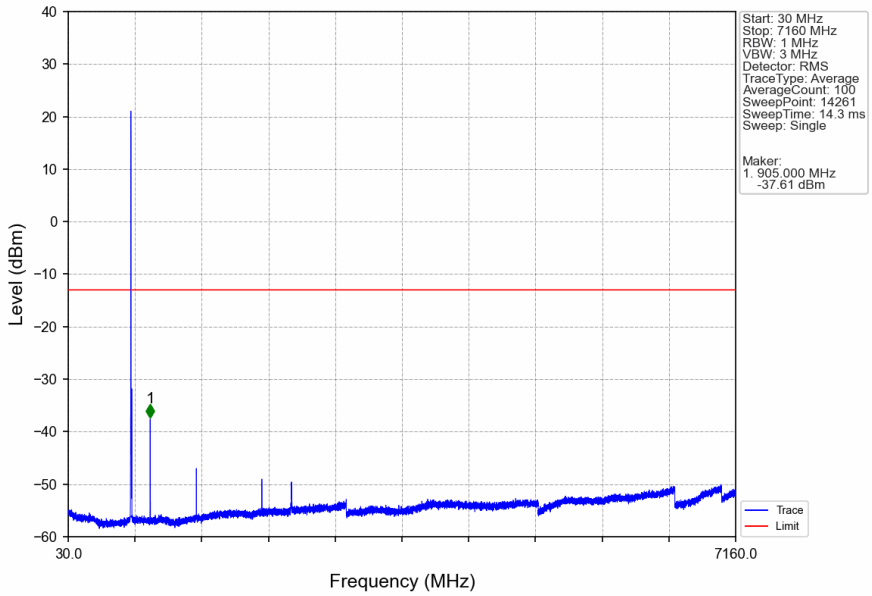
5.2.3 B12_5MHz

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

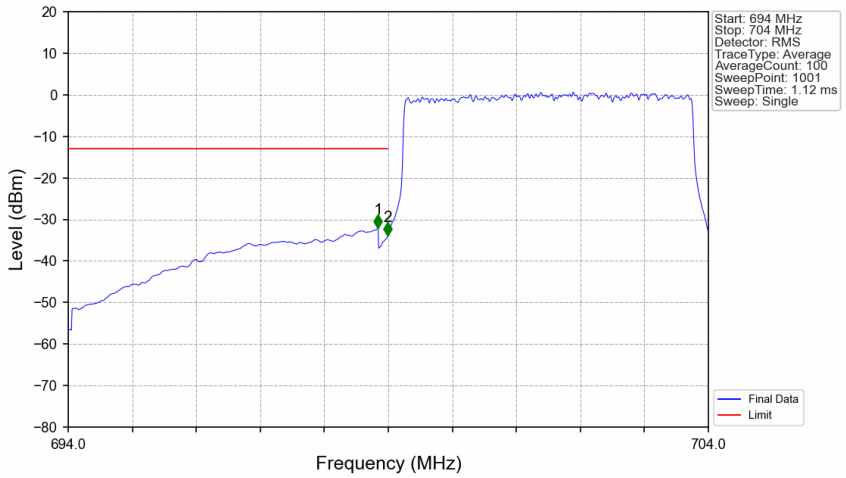


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-34.19	-13	Pass
698.9	699	0.03	/	2	698.990	-26.63	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

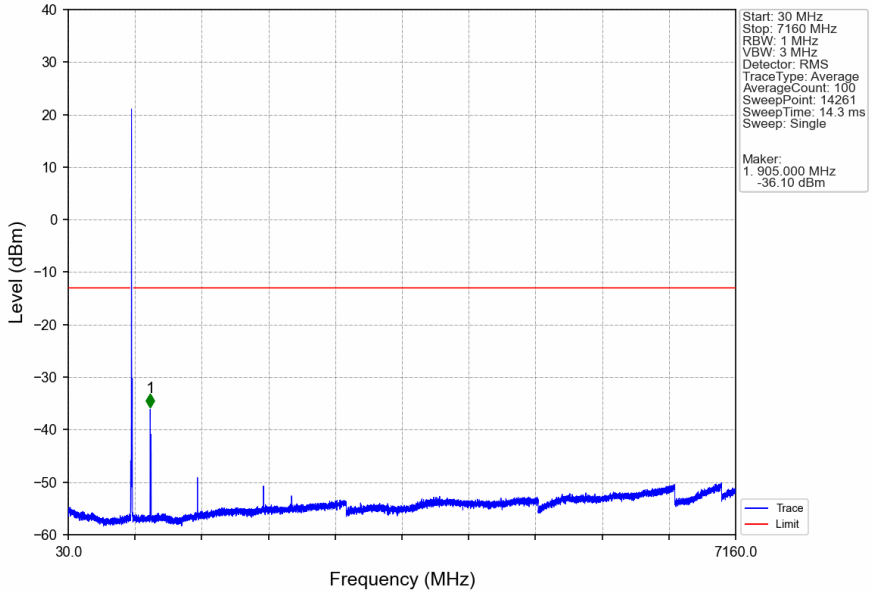


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

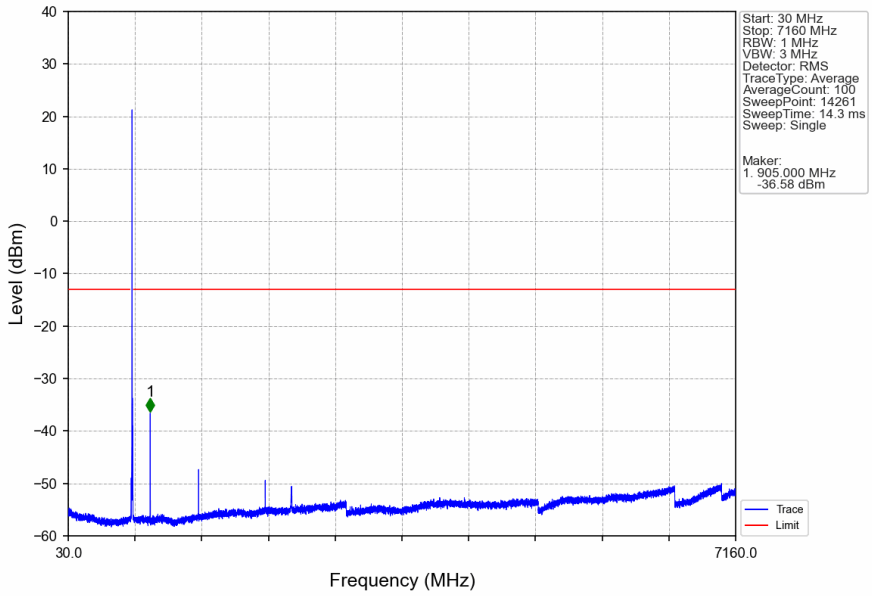


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-32.07	-13	Pass
698.9	699	0.03	/	2	698.990	-33.87	-13	Pass
699	704	0.03	/	/	/	/	/	/

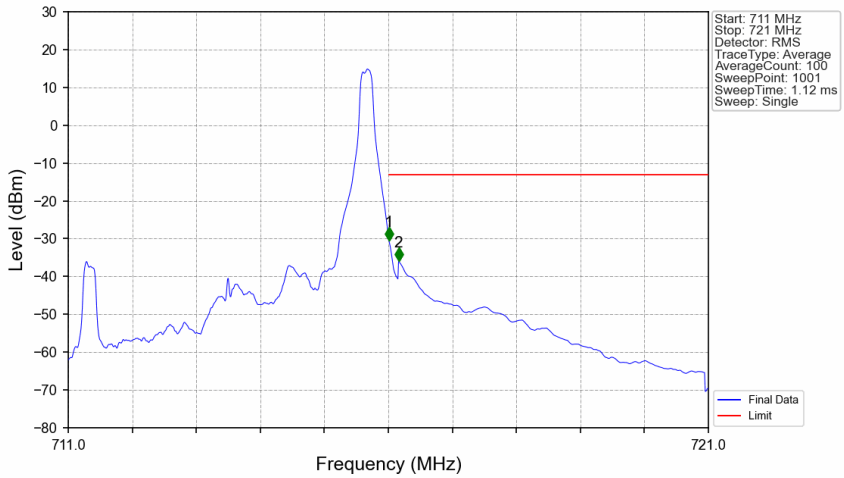
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

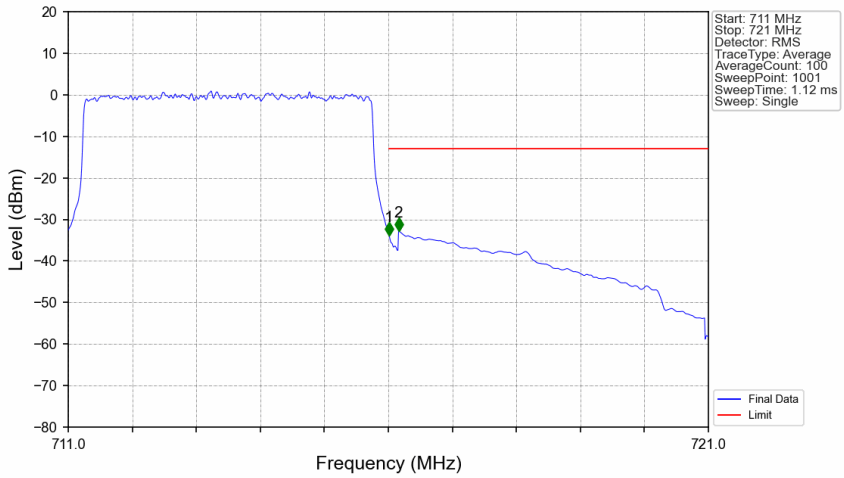


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



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	-30.49	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.94	-13	Pass

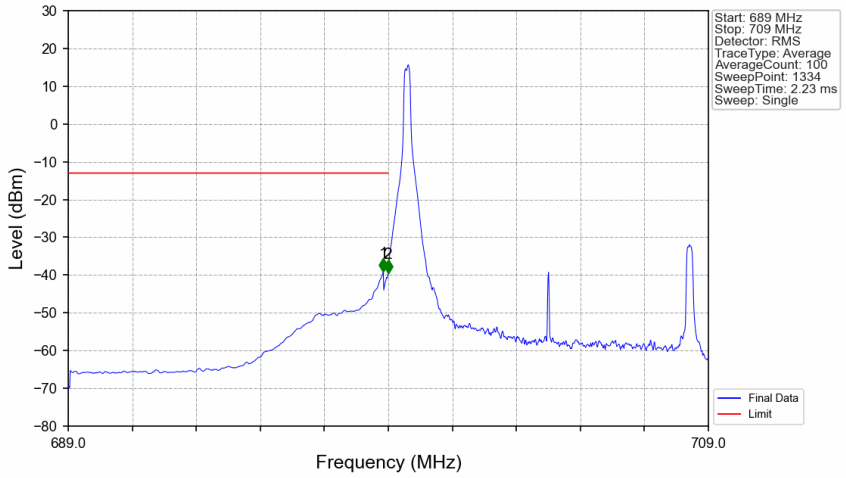
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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	-33.81	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.70	-13	Pass

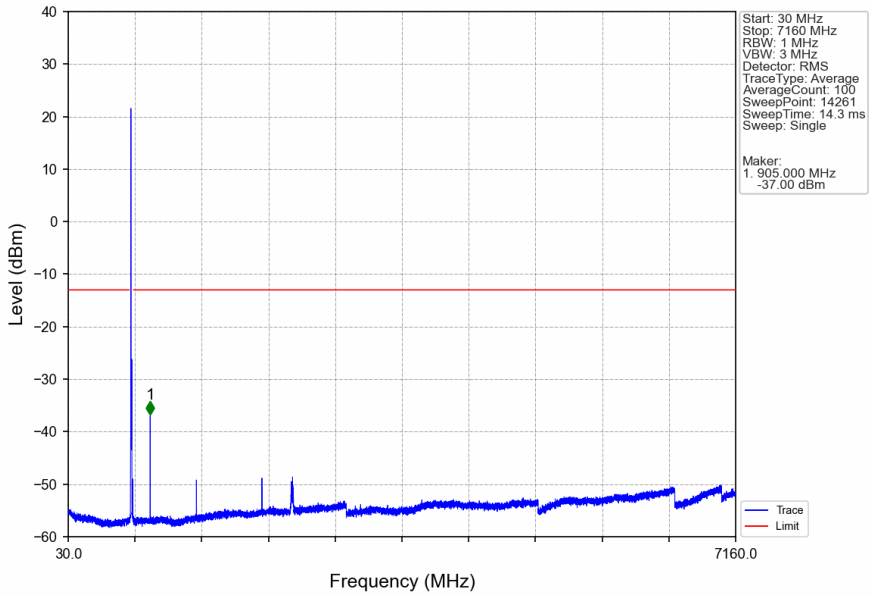
5.2.4 B12_10MHz

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

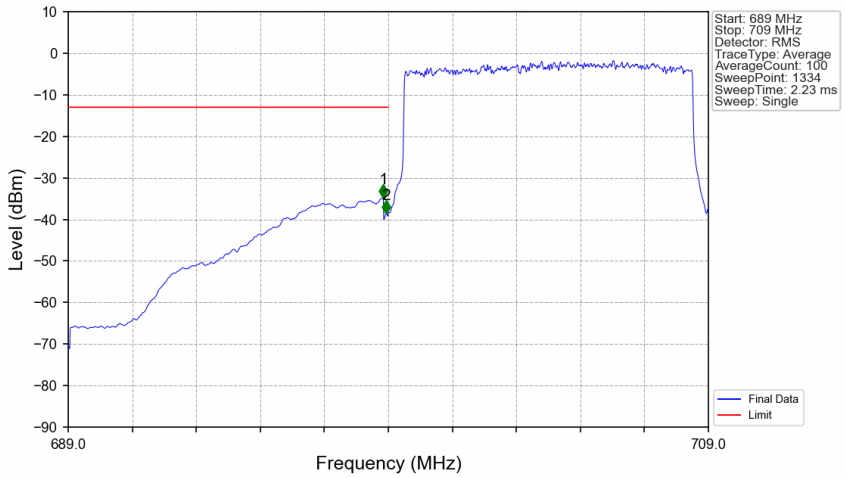


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-39.06	-13	Pass
698.9	699	0.03	/	2	698.992	-39.37	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

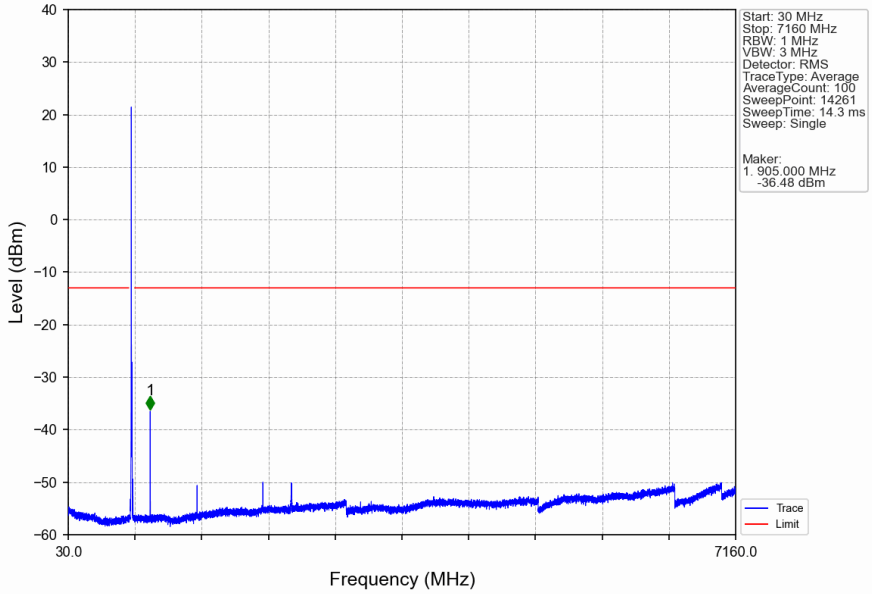


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

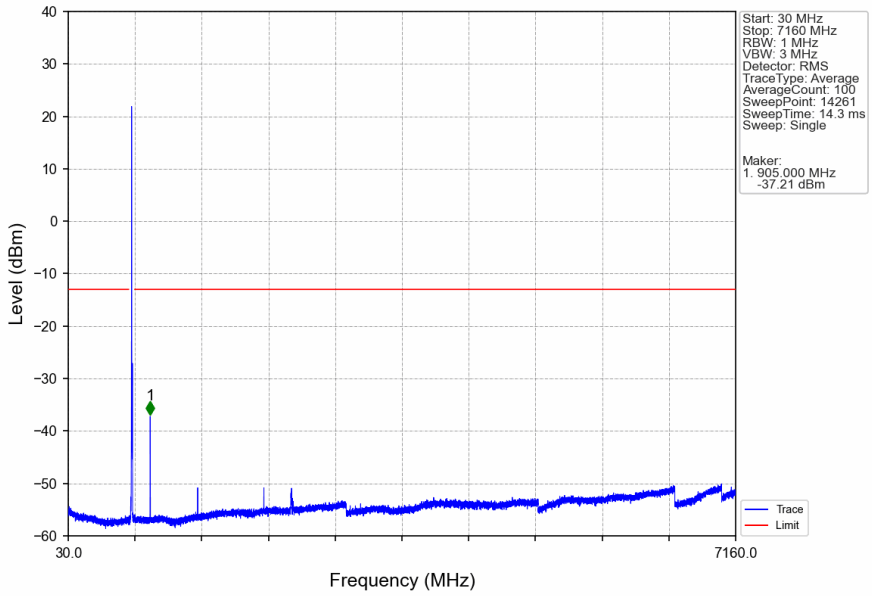


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-34.81	-13	Pass
698.9	699	0.03	/	2	698.932	-38.54	-13	Pass
699	709	0.03	/	/	/	/	/	/

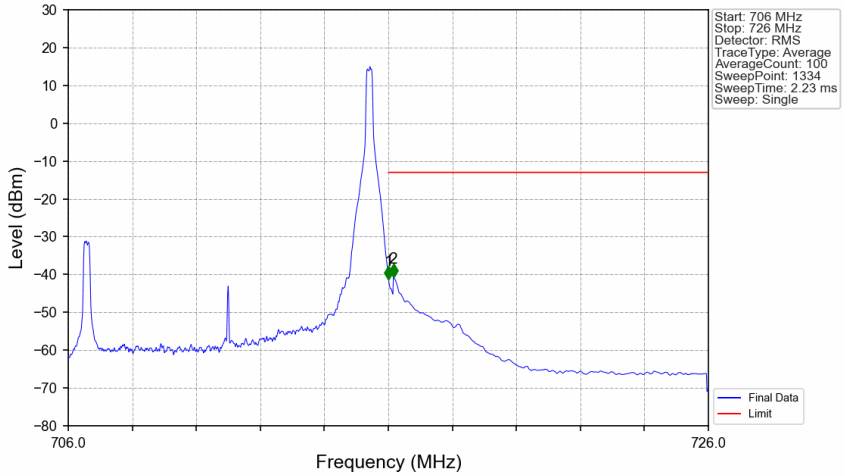
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

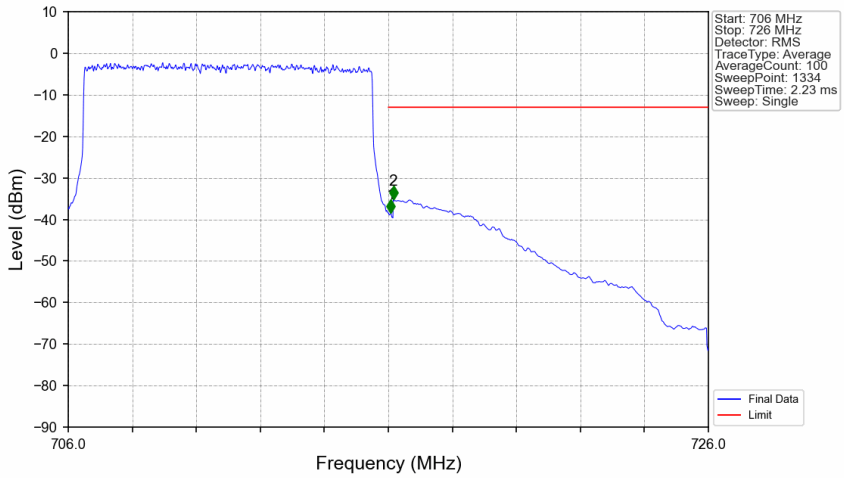


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



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	-41.31	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.69	-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	716.083	-38.46	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.17	-13	Pass

---End of Attachment---