

Appendix N for KSCR220400050308

1. Effective (Isotropic) Radiated Power Output Data

1.1 B12_1.4MHz_ERP

1.1.1 Test Result

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	23.60	1.40	22.85	<=34.77	Pass
			2	23.73	1.40	22.98	<=34.77	Pass
			5	23.67	1.40	22.92	<=34.77	Pass
		3	0	23.80	1.40	23.05	<=34.77	Pass
			2	23.82	1.40	23.07	<=34.77	Pass
			3	23.80	1.40	23.05	<=34.77	Pass
		6	0	22.73	1.40	21.98	<=34.77	Pass
	707.5	1	0	23.92	1.40	23.17	<=34.77	Pass
			2	23.99	1.40	23.24	<=34.77	Pass
			5	24.05	1.40	23.30	<=34.77	Pass
		3	0	23.81	1.40	23.06	<=34.77	Pass
			2	24.03	1.40	23.28	<=34.77	Pass
			3	23.89	1.40	23.14	<=34.77	Pass
		6	0	23.03	1.40	22.28	<=34.77	Pass
	715.3	1	0	23.95	1.40	23.20	<=34.77	Pass
			2	23.87	1.40	23.12	<=34.77	Pass
			5	23.87	1.40	23.12	<=34.77	Pass
		3	0	23.66	1.40	22.91	<=34.77	Pass
			2	23.80	1.40	23.05	<=34.77	Pass
			3	23.70	1.40	22.95	<=34.77	Pass
		6	0	22.60	1.40	21.85	<=34.77	Pass
16QAM	699.7	1	0	23.20	1.40	22.45	<=34.77	Pass
			2	23.47	1.40	22.72	<=34.77	Pass
			5	23.51	1.40	22.76	<=34.77	Pass
		3	0	22.63	1.40	21.88	<=34.77	Pass
			2	22.80	1.40	22.05	<=34.77	Pass
			3	22.68	1.40	21.93	<=34.77	Pass
		6	0	21.72	1.40	20.97	<=34.77	Pass
	707.5	1	0	23.07	1.40	22.32	<=34.77	Pass
			2	23.11	1.40	22.36	<=34.77	Pass
			5	22.79	1.40	22.04	<=34.77	Pass
		3	0	22.80	1.40	22.05	<=34.77	Pass
			2	22.95	1.40	22.20	<=34.77	Pass
			3	22.89	1.40	22.14	<=34.77	Pass
		6	0	21.68	1.40	20.93	<=34.77	Pass
	715.3	1	0	22.98	1.40	22.23	<=34.77	Pass
			2	22.84	1.40	22.09	<=34.77	Pass
			5	22.95	1.40	22.20	<=34.77	Pass



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64QAM	699.7	3	0	22.60	1.40	21.85	<=34.77	Pass
			2	22.81	1.40	22.06	<=34.77	Pass
			3	22.74	1.40	21.99	<=34.77	Pass
		6	0	21.61	1.40	20.86	<=34.77	Pass
			0	21.40	1.40	20.65	<=34.77	Pass
			2	21.57	1.40	20.82	<=34.77	Pass
			5	21.39	1.40	20.64	<=34.77	Pass
		3	0	21.90	1.40	21.15	<=34.77	Pass
			2	21.93	1.40	21.18	<=34.77	Pass
			3	21.94	1.40	21.19	<=34.77	Pass
		6	0	20.75	1.40	20.00	<=34.77	Pass
	707.5	1	0	21.52	1.40	20.77	<=34.77	Pass
			2	21.62	1.40	20.87	<=34.77	Pass
			5	21.66	1.40	20.91	<=34.77	Pass
		3	0	21.80	1.40	21.05	<=34.77	Pass
			2	21.79	1.40	21.04	<=34.77	Pass
			3	21.87	1.40	21.12	<=34.77	Pass
		6	0	20.87	1.40	20.12	<=34.77	Pass
	715.3	1	0	22.24	1.40	21.49	<=34.77	Pass
			2	22.16	1.40	21.41	<=34.77	Pass
			5	22.01	1.40	21.26	<=34.77	Pass
		3	0	21.54	1.40	20.79	<=34.77	Pass
			2	21.71	1.40	20.96	<=34.77	Pass
			3	21.89	1.40	21.14	<=34.77	Pass
		6	0	20.41	1.40	19.66	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B12_3MHz_ERP

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	24.13	1.40	23.38	<=34.77	Pass
			7	24.11	1.40	23.36	<=34.77	Pass
			14	23.65	1.40	22.90	<=34.77	Pass
		8	0	22.73	1.40	21.98	<=34.77	Pass
			4	22.79	1.40	22.04	<=34.77	Pass
			7	22.71	1.40	21.96	<=34.77	Pass
		15	0	22.66	1.40	21.91	<=34.77	Pass
			0	23.55	1.40	22.80	<=34.77	Pass
			7	23.94	1.40	23.19	<=34.77	Pass
	707.5	1	14	23.70	1.40	22.95	<=34.77	Pass
			0	22.92	1.40	22.17	<=34.77	Pass
			4	22.99	1.40	22.24	<=34.77	Pass
		8	7	23.01	1.40	22.26	<=34.77	Pass
			0	22.90	1.40	22.15	<=34.77	Pass
			0	23.91	1.40	23.16	<=34.77	Pass



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16QAM	700.5	8	7	24.11	1.40	23.36	<=34.77	Pass
			14	23.90	1.40	23.15	<=34.77	Pass
			0	22.85	1.40	22.10	<=34.77	Pass
			4	22.87	1.40	22.12	<=34.77	Pass
			7	22.71	1.40	21.96	<=34.77	Pass
	707.5	1	0	22.83	1.40	22.08	<=34.77	Pass
			7	23.19	1.40	22.44	<=34.77	Pass
			14	23.32	1.40	22.57	<=34.77	Pass
			0	22.94	1.40	22.19	<=34.77	Pass
			7	21.90	1.40	21.15	<=34.77	Pass
	714.5	8	4	21.90	1.40	21.15	<=34.77	Pass
			7	21.88	1.40	21.13	<=34.77	Pass
			0	21.70	1.40	20.95	<=34.77	Pass
			7	23.20	1.40	22.45	<=34.77	Pass
			14	23.23	1.40	22.48	<=34.77	Pass
64QAM	700.5	1	0	23.51	1.40	22.76	<=34.77	Pass
			7	22.06	1.40	21.31	<=34.77	Pass
			14	21.86	1.40	21.11	<=34.77	Pass
			0	21.67	1.40	20.92	<=34.77	Pass
			7	21.77	1.40	21.02	<=34.77	Pass
	707.5	8	0	23.02	1.40	22.27	<=34.77	Pass
			7	22.81	1.40	22.06	<=34.77	Pass
			14	22.62	1.40	21.87	<=34.77	Pass
			0	21.64	1.40	20.89	<=34.77	Pass
			4	21.84	1.40	21.09	<=34.77	Pass
	714.5	1	7	21.72	1.40	20.97	<=34.77	Pass
			0	21.85	1.40	21.10	<=34.77	Pass
			7	21.87	1.40	21.12	<=34.77	Pass
			14	22.60	1.40	21.85	<=34.77	Pass
			0	22.25	1.40	21.50	<=34.77	Pass
64QAM	700.5	8	7	21.06	1.40	20.31	<=34.77	Pass
			4	20.71	1.40	19.96	<=34.77	Pass
			7	20.62	1.40	19.87	<=34.77	Pass
			0	20.61	1.40	19.86	<=34.77	Pass
			7	21.24	1.40	20.49	<=34.77	Pass
	707.5	1	0	21.59	1.40	20.84	<=34.77	Pass
			7	21.47	1.40	20.72	<=34.77	Pass
			14	20.40	1.40	19.65	<=34.77	Pass
			0	20.46	1.40	19.71	<=34.77	Pass
			4	20.61	1.40	19.86	<=34.77	Pass
	714.5	8	7	20.87	1.40	20.12	<=34.77	Pass
			0	21.44	1.40	20.69	<=34.77	Pass
			7	21.64	1.40	20.89	<=34.77	Pass
			14	21.50	1.40	20.75	<=34.77	Pass
			0	20.63	1.40	19.88	<=34.77	Pass
64QAM	700.5	1	4	20.53	1.40	19.78	<=34.77	Pass
			7	20.49	1.40	19.74	<=34.77	Pass
			0	20.59	1.40	19.84	<=34.77	Pass
			7	20.59	1.40	19.84	<=34.77	Pass
			14	20.59	1.40	19.84	<=34.77	Pass
	707.5	8	0	20.59	1.40	19.84	<=34.77	Pass
			7	20.59	1.40	19.84	<=34.77	Pass
			14	20.59	1.40	19.84	<=34.77	Pass
			0	20.59	1.40	19.84	<=34.77	Pass
			7	20.59	1.40	19.84	<=34.77	Pass
	714.5	1	0	20.59	1.40	19.84	<=34.77	Pass
			7	20.59	1.40	19.84	<=34.77	Pass
			14	20.59	1.40	19.84	<=34.77	Pass
			0	20.59	1.40	19.84	<=34.77	Pass
			7	20.59	1.40	19.84	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B12_5MHz_ERP

1.3.1 Test Result

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	23.77	1.40	23.02	<=34.77	Pass
			13	23.81	1.40	23.06	<=34.77	Pass
			24	23.53	1.40	22.78	<=34.77	Pass
		12	0	22.69	1.40	21.94	<=34.77	Pass
			6	22.80	1.40	22.05	<=34.77	Pass
			13	22.59	1.40	21.84	<=34.77	Pass
		25	0	22.63	1.40	21.88	<=34.77	Pass
	707.5	1	0	23.48	1.40	22.73	<=34.77	Pass
			13	23.90	1.40	23.15	<=34.77	Pass
			24	23.40	1.40	22.65	<=34.77	Pass
		12	0	22.82	1.40	22.07	<=34.77	Pass
			6	22.87	1.40	22.12	<=34.77	Pass
			13	22.87	1.40	22.12	<=34.77	Pass
		25	0	22.86	1.40	22.11	<=34.77	Pass
	713.5	1	0	23.42	1.40	22.67	<=34.77	Pass
			13	23.88	1.40	23.13	<=34.77	Pass
			24	23.67	1.40	22.92	<=34.77	Pass
		12	0	22.54	1.40	21.79	<=34.77	Pass
			6	22.72	1.40	21.97	<=34.77	Pass
			13	22.78	1.40	22.03	<=34.77	Pass
		25	0	22.66	1.40	21.91	<=34.77	Pass
16QAM	701.5	1	0	22.35	1.40	21.60	<=34.77	Pass
			13	22.47	1.40	21.72	<=34.77	Pass
			24	21.98	1.40	21.23	<=34.77	Pass
		12	0	21.79	1.40	21.04	<=34.77	Pass
			6	21.83	1.40	21.08	<=34.77	Pass
			13	21.59	1.40	20.84	<=34.77	Pass
		25	0	21.68	1.40	20.93	<=34.77	Pass
	707.5	1	0	22.94	1.40	22.19	<=34.77	Pass
			13	23.48	1.40	22.73	<=34.77	Pass
			24	22.86	1.40	22.11	<=34.77	Pass
		12	0	21.72	1.40	20.97	<=34.77	Pass
			6	21.67	1.40	20.92	<=34.77	Pass
			13	21.69	1.40	20.94	<=34.77	Pass
		25	0	21.90	1.40	21.15	<=34.77	Pass
	713.5	1	0	22.54	1.40	21.79	<=34.77	Pass
			13	22.92	1.40	22.17	<=34.77	Pass
			24	22.51	1.40	21.76	<=34.77	Pass
		12	0	21.57	1.40	20.82	<=34.77	Pass
			6	21.65	1.40	20.90	<=34.77	Pass
			13	21.54	1.40	20.79	<=34.77	Pass
		25	0	21.57	1.40	20.82	<=34.77	Pass
64QAM	701.5	1	0	21.28	1.40	20.53	<=34.77	Pass



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			13	21.73	1.40	20.98	<=34.77	Pass
			24	21.39	1.40	20.64	<=34.77	Pass
		12	0	20.64	1.40	19.89	<=34.77	Pass
			6	20.74	1.40	19.99	<=34.77	Pass
			13	20.36	1.40	19.61	<=34.77	Pass
		25	0	20.59	1.40	19.84	<=34.77	Pass
	707.5	1	0	22.03	1.40	21.28	<=34.77	Pass
			13	22.05	1.40	21.30	<=34.77	Pass
			24	21.60	1.40	20.85	<=34.77	Pass
		12	0	20.94	1.40	20.19	<=34.77	Pass
			6	21.12	1.40	20.37	<=34.77	Pass
			13	20.74	1.40	19.99	<=34.77	Pass
		25	0	20.73	1.40	19.98	<=34.77	Pass
		713.5	1	0	21.20	1.40	20.45	<=34.77
	13			21.37	1.40	20.62	<=34.77	Pass
	24			20.49	1.40	19.74	<=34.77	Pass
	12		0	20.44	1.40	19.69	<=34.77	Pass
			6	20.65	1.40	19.90	<=34.77	Pass
			13	20.61	1.40	19.86	<=34.77	Pass
	25		0	20.18	1.40	19.43	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B12_10MHz_ERP

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	24.07	1.40	23.32	<=34.77	Pass
			25	24.05	1.40	23.30	<=34.77	Pass
			49	23.75	1.40	23.00	<=34.77	Pass
		25	0	22.74	1.40	21.99	<=34.77	Pass
			13	22.72	1.40	21.97	<=34.77	Pass
			25	22.70	1.40	21.95	<=34.77	Pass
		50	0	22.72	1.40	21.97	<=34.77	Pass
	707.5	1	0	23.58	1.40	22.83	<=34.77	Pass
			25	23.76	1.40	23.01	<=34.77	Pass
			49	23.52	1.40	22.77	<=34.77	Pass
		25	0	22.80	1.40	22.05	<=34.77	Pass
			13	22.90	1.40	22.15	<=34.77	Pass
			25	22.86	1.40	22.11	<=34.77	Pass
		50	0	22.76	1.40	22.01	<=34.77	Pass
	711	1	0	23.92	1.40	23.17	<=34.77	Pass
			25	24.18	1.40	23.43	<=34.77	Pass
			49	23.55	1.40	22.80	<=34.77	Pass
		25	0	22.82	1.40	22.07	<=34.77	Pass
			13	22.89	1.40	22.14	<=34.77	Pass
			25	22.76	1.40	22.01	<=34.77	Pass



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		50	0	22.85	1.40	22.10	<=34.77	Pass
16QAM	704	1	0	23.18	1.40	22.43	<=34.77	Pass
			25	23.54	1.40	22.79	<=34.77	Pass
			49	23.09	1.40	22.34	<=34.77	Pass
			0	21.85	1.40	21.10	<=34.77	Pass
		25	13	21.87	1.40	21.12	<=34.77	Pass
			25	21.70	1.40	20.95	<=34.77	Pass
			0	21.71	1.40	20.96	<=34.77	Pass
		50	0	23.10	1.40	22.35	<=34.77	Pass
			1	23.32	1.40	22.57	<=34.77	Pass
			25	23.25	1.40	22.50	<=34.77	Pass
			49	23.25	1.40	22.50	<=34.77	Pass
			0	21.87	1.40	21.12	<=34.77	Pass
			13	22.02	1.40	21.27	<=34.77	Pass
			25	21.68	1.40	20.93	<=34.77	Pass
			0	21.77	1.40	21.02	<=34.77	Pass
	707.5	1	0	22.91	1.40	22.16	<=34.77	Pass
			25	22.83	1.40	22.08	<=34.77	Pass
			49	22.49	1.40	21.74	<=34.77	Pass
			0	21.79	1.40	21.04	<=34.77	Pass
		25	13	22.01	1.40	21.26	<=34.77	Pass
			25	22.08	1.40	21.33	<=34.77	Pass
			0	21.85	1.40	21.10	<=34.77	Pass
		50	0	21.38	1.40	20.63	<=34.77	Pass
			1	22.42	1.40	21.67	<=34.77	Pass
			25	22.27	1.40	21.52	<=34.77	Pass
			49	22.27	1.40	21.52	<=34.77	Pass
			0	21.05	1.40	20.30	<=34.77	Pass
			13	21.09	1.40	20.34	<=34.77	Pass
			25	20.71	1.40	19.96	<=34.77	Pass
			0	20.78	1.40	20.03	<=34.77	Pass
64QAM	704	1	0	21.95	1.40	21.20	<=34.77	Pass
			25	21.70	1.40	20.95	<=34.77	Pass
			49	21.36	1.40	20.61	<=34.77	Pass
			0	20.58	1.40	19.83	<=34.77	Pass
		25	13	20.56	1.40	19.81	<=34.77	Pass
			25	20.52	1.40	19.77	<=34.77	Pass
			0	20.60	1.40	19.85	<=34.77	Pass
		50	0	21.32	1.40	20.57	<=34.77	Pass
			1	21.63	1.40	20.88	<=34.77	Pass
			25	21.11	1.40	20.36	<=34.77	Pass
			49	20.82	1.40	20.07	<=34.77	Pass
			0	20.86	1.40	20.11	<=34.77	Pass
			13	20.86	1.40	20.11	<=34.77	Pass
			25	20.61	1.40	19.86	<=34.77	Pass
			0	20.80	1.40	20.05	<=34.77	Pass
	707.5	1	0	21.32	1.40	20.57	<=34.77	Pass
			25	21.63	1.40	20.88	<=34.77	Pass
			49	21.11	1.40	20.36	<=34.77	Pass
			0	20.82	1.40	20.07	<=34.77	Pass
		25	13	20.86	1.40	20.11	<=34.77	Pass
			25	20.61	1.40	19.86	<=34.77	Pass
			0	20.80	1.40	20.05	<=34.77	Pass
		50	0	21.32	1.40	20.57	<=34.77	Pass
			1	21.63	1.40	20.88	<=34.77	Pass
			25	21.11	1.40	20.36	<=34.77	Pass
			49	20.82	1.40	20.07	<=34.77	Pass
			0	20.86	1.40	20.11	<=34.77	Pass
			13	20.86	1.40	20.11	<=34.77	Pass
			25	20.61	1.40	19.86	<=34.77	Pass
			0	20.80	1.40	20.05	<=34.77	Pass
	711	1	0	21.32	1.40	20.57	<=34.77	Pass
			25	21.63	1.40	20.88	<=34.77	Pass
			49	21.11	1.40	20.36	<=34.77	Pass
			0	20.82	1.40	20.07	<=34.77	Pass
		25	13	20.86	1.40	20.11	<=34.77	Pass
			25	20.61	1.40	19.86	<=34.77	Pass
			0	20.80	1.40	20.05	<=34.77	Pass
		50	0	21.32	1.40	20.57	<=34.77	Pass
			1	21.63	1.40	20.88	<=34.77	Pass
			25	21.11	1.40	20.36	<=34.77	Pass
			49	20.82	1.40	20.07	<=34.77	Pass
			0	20.86	1.40	20.11	<=34.77	Pass
			13	20.86	1.40	20.11	<=34.77	Pass
			25	20.61	1.40	19.86	<=34.77	Pass
			0	20.80	1.40	20.05	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 B12_1.4MHz

2.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	6.12	15.580	0.0223	-2.5 to 2.5	Pass
					7.2	14.674	0.0210	-2.5 to 2.5	Pass
					8.28	12.109	0.0173	-2.5 to 2.5	Pass
				-30	7.2	9.231	0.0132	-2.5 to 2.5	Pass
				-20	7.2	6.774	0.0097	-2.5 to 2.5	Pass
				-10	7.2	5.030	0.0072	-2.5 to 2.5	Pass
				0	7.2	2.846	0.0041	-2.5 to 2.5	Pass
				10	7.2	2.211	0.0032	-2.5 to 2.5	Pass
				30	7.2	1.179	0.0017	-2.5 to 2.5	Pass
				40	7.2	0.108	0.0002	-2.5 to 2.5	Pass
				50	7.2	-0.058	-0.0001	-2.5 to 2.5	Pass
	707.5	6	0	20	6.12	5.719	0.0081	-2.5 to 2.5	Pass
					7.2	3.362	0.0048	-2.5 to 2.5	Pass
					8.28	1.367	0.0019	-2.5 to 2.5	Pass
				-30	7.2	1.296	0.0018	-2.5 to 2.5	Pass
				-20	7.2	0.453	0.0006	-2.5 to 2.5	Pass
				-10	7.2	1.108	0.0016	-2.5 to 2.5	Pass
				0	7.2	-0.405	-0.0006	-2.5 to 2.5	Pass
				10	7.2	0.557	0.0008	-2.5 to 2.5	Pass
				30	7.2	0.412	0.0006	-2.5 to 2.5	Pass
				40	7.2	-0.275	-0.0004	-2.5 to 2.5	Pass
				50	7.2	0.007	0.0000	-2.5 to 2.5	Pass
	715.3	6	0	20	6.12	0.335	0.0005	-2.5 to 2.5	Pass
					7.2	-0.100	-0.0001	-2.5 to 2.5	Pass
					8.28	0.134	0.0002	-2.5 to 2.5	Pass
				-30	7.2	-0.710	-0.0010	-2.5 to 2.5	Pass
				-20	7.2	-1.682	-0.0024	-2.5 to 2.5	Pass
				-10	7.2	-1.360	-0.0019	-2.5 to 2.5	Pass
				0	7.2	-1.324	-0.0019	-2.5 to 2.5	Pass
				10	7.2	0.585	0.0008	-2.5 to 2.5	Pass
				30	7.2	-0.486	-0.0007	-2.5 to 2.5	Pass
				40	7.2	0.290	0.0004	-2.5 to 2.5	Pass
				50	7.2	-0.886	-0.0012	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	6.12	-0.405	-0.0006	-2.5 to 2.5	Pass
					7.2	-0.236	-0.0003	-2.5 to 2.5	Pass
					8.28	-0.360	-0.0005	-2.5 to 2.5	Pass
				-30	7.2	-1.227	-0.0018	-2.5 to 2.5	Pass
				-20	7.2	-0.639	-0.0009	-2.5 to 2.5	Pass
				-10	7.2	-1.666	-0.0024	-2.5 to 2.5	Pass
				0	7.2	-0.869	-0.0012	-2.5 to 2.5	Pass



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64QAM	707.5	6	0	10	7.2	-1.187	-0.0017	-2.5 to 2.5	Pass
				30	7.2	0.410	0.0006	-2.5 to 2.5	Pass
				40	7.2	-0.938	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-0.912	-0.0013	-2.5 to 2.5	Pass
				20	6.12	-1.687	-0.0024	-2.5 to 2.5	Pass
					7.2	-1.545	-0.0022	-2.5 to 2.5	Pass
					8.28	-1.663	-0.0024	-2.5 to 2.5	Pass
				-30	7.2	-1.321	-0.0019	-2.5 to 2.5	Pass
				-20	7.2	-1.889	-0.0027	-2.5 to 2.5	Pass
				-10	7.2	-1.491	-0.0021	-2.5 to 2.5	Pass
				0	7.2	-1.508	-0.0021	-2.5 to 2.5	Pass
				10	7.2	-2.084	-0.0029	-2.5 to 2.5	Pass
				30	7.2	-1.315	-0.0019	-2.5 to 2.5	Pass
				40	7.2	-1.913	-0.0027	-2.5 to 2.5	Pass
				50	7.2	-2.623	-0.0037	-2.5 to 2.5	Pass
	715.3	6	0	20	6.12	-0.631	-0.0009	-2.5 to 2.5	Pass
					7.2	-0.927	-0.0013	-2.5 to 2.5	Pass
					8.28	-0.083	-0.0001	-2.5 to 2.5	Pass
				-30	7.2	-1.382	-0.0019	-2.5 to 2.5	Pass
				-20	7.2	-1.741	-0.0024	-2.5 to 2.5	Pass
				-10	7.2	-0.623	-0.0009	-2.5 to 2.5	Pass
				0	7.2	-0.406	-0.0006	-2.5 to 2.5	Pass
				10	7.2	-1.134	-0.0016	-2.5 to 2.5	Pass
				30	7.2	-0.711	-0.0010	-2.5 to 2.5	Pass
				40	7.2	-0.946	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-0.603	-0.0008	-2.5 to 2.5	Pass
				20	6.12	-1.033	-0.0015	-2.5 to 2.5	Pass
					7.2	-1.141	-0.0016	-2.5 to 2.5	Pass
					8.28	-0.552	-0.0008	-2.5 to 2.5	Pass
	699.7	6	0	-30	7.2	-0.812	-0.0012	-2.5 to 2.5	Pass
				-20	7.2	-0.091	-0.0001	-2.5 to 2.5	Pass
				-10	7.2	-0.826	-0.0012	-2.5 to 2.5	Pass
				0	7.2	-1.059	-0.0015	-2.5 to 2.5	Pass
				10	7.2	-1.428	-0.0020	-2.5 to 2.5	Pass
				30	7.2	-1.235	-0.0018	-2.5 to 2.5	Pass
				40	7.2	-0.980	-0.0014	-2.5 to 2.5	Pass
				50	7.2	-1.489	-0.0021	-2.5 to 2.5	Pass
	707.5	6	0	20	6.12	-0.382	-0.0005	-2.5 to 2.5	Pass
					7.2	-1.349	-0.0019	-2.5 to 2.5	Pass
					8.28	-0.258	-0.0004	-2.5 to 2.5	Pass
				-30	7.2	-1.534	-0.0022	-2.5 to 2.5	Pass
				-20	7.2	-0.835	-0.0012	-2.5 to 2.5	Pass
				-10	7.2	-1.390	-0.0020	-2.5 to 2.5	Pass
				0	7.2	-2.045	-0.0029	-2.5 to 2.5	Pass
				10	7.2	-1.669	-0.0024	-2.5 to 2.5	Pass
				30	7.2	-0.983	-0.0014	-2.5 to 2.5	Pass
				40	7.2	-0.236	-0.0003	-2.5 to 2.5	Pass
				50	7.2	-1.295	-0.0018	-2.5 to 2.5	Pass
	715.3	6	0	20	6.12	-0.975	-0.0014	-2.5 to 2.5	Pass
					7.2	-1.536	-0.0021	-2.5 to 2.5	Pass
					8.28	-1.216	-0.0017	-2.5 to 2.5	Pass

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				-30	7.2	-0.190	-0.0003	-2.5 to 2.5	Pass
				-20	7.2	-1.373	-0.0019	-2.5 to 2.5	Pass
				-10	7.2	-0.310	-0.0004	-2.5 to 2.5	Pass
				0	7.2	-0.154	-0.0002	-2.5 to 2.5	Pass
				10	7.2	-0.909	-0.0013	-2.5 to 2.5	Pass
				30	7.2	-1.767	-0.0025	-2.5 to 2.5	Pass
				40	7.2	-0.813	-0.0011	-2.5 to 2.5	Pass
				50	7.2	-1.427	-0.0020	-2.5 to 2.5	Pass

2.2 B12_3MHz

2.2.1 Test Result

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	6.12	0.592	0.0008	-2.5 to 2.5	Pass
					7.2	-0.033	0.0000	-2.5 to 2.5	Pass
					8.28	0.578	0.0008	-2.5 to 2.5	Pass
				-30	7.2	1.013	0.0014	-2.5 to 2.5	Pass
				-20	7.2	0.390	0.0006	-2.5 to 2.5	Pass
				-10	7.2	0.979	0.0014	-2.5 to 2.5	Pass
				0	7.2	0.429	0.0006	-2.5 to 2.5	Pass
				10	7.2	1.671	0.0024	-2.5 to 2.5	Pass
				30	7.2	0.876	0.0013	-2.5 to 2.5	Pass
				40	7.2	1.143	0.0016	-2.5 to 2.5	Pass
				50	7.2	1.561	0.0022	-2.5 to 2.5	Pass
	707.5	15	0	20	6.12	2.510	0.0035	-2.5 to 2.5	Pass
					7.2	2.774	0.0039	-2.5 to 2.5	Pass
					8.28	2.787	0.0039	-2.5 to 2.5	Pass
				-30	7.2	2.382	0.0034	-2.5 to 2.5	Pass
				-20	7.2	2.212	0.0031	-2.5 to 2.5	Pass
				-10	7.2	1.760	0.0025	-2.5 to 2.5	Pass
				0	7.2	1.713	0.0024	-2.5 to 2.5	Pass
				10	7.2	1.370	0.0019	-2.5 to 2.5	Pass
				30	7.2	2.158	0.0031	-2.5 to 2.5	Pass
				40	7.2	1.919	0.0027	-2.5 to 2.5	Pass
				50	7.2	1.122	0.0016	-2.5 to 2.5	Pass
	714.5	15	0	20	6.12	2.189	0.0031	-2.5 to 2.5	Pass
					7.2	2.870	0.0040	-2.5 to 2.5	Pass
					8.28	2.224	0.0031	-2.5 to 2.5	Pass
				-30	7.2	2.445	0.0034	-2.5 to 2.5	Pass
				-20	7.2	2.065	0.0029	-2.5 to 2.5	Pass
				-10	7.2	2.138	0.0030	-2.5 to 2.5	Pass
				0	7.2	1.815	0.0025	-2.5 to 2.5	Pass
				10	7.2	1.681	0.0024	-2.5 to 2.5	Pass
				30	7.2	1.952	0.0027	-2.5 to 2.5	Pass
				40	7.2	2.100	0.0029	-2.5 to 2.5	Pass
				50	7.2	2.382	0.0033	-2.5 to 2.5	Pass



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16QAM	700.5	15	0	20	6.12	0.035	0.0000	-2.5 to 2.5	Pass
					7.2	0.975	0.0014	-2.5 to 2.5	Pass
					8.28	0.672	0.0010	-2.5 to 2.5	Pass
				-30	7.2	1.388	0.0020	-2.5 to 2.5	Pass
				-20	7.2	2.356	0.0034	-2.5 to 2.5	Pass
				-10	7.2	1.951	0.0028	-2.5 to 2.5	Pass
				0	7.2	2.219	0.0032	-2.5 to 2.5	Pass
				10	7.2	2.319	0.0033	-2.5 to 2.5	Pass
				30	7.2	2.793	0.0040	-2.5 to 2.5	Pass
				40	7.2	2.690	0.0038	-2.5 to 2.5	Pass
				50	7.2	2.540	0.0036	-2.5 to 2.5	Pass
	707.5	15	0	20	6.12	1.897	0.0027	-2.5 to 2.5	Pass
					7.2	1.094	0.0015	-2.5 to 2.5	Pass
					8.28	0.497	0.0007	-2.5 to 2.5	Pass
				-30	7.2	0.314	0.0004	-2.5 to 2.5	Pass
				-20	7.2	0.518	0.0007	-2.5 to 2.5	Pass
				-10	7.2	0.328	0.0005	-2.5 to 2.5	Pass
				0	7.2	1.133	0.0016	-2.5 to 2.5	Pass
				10	7.2	1.032	0.0015	-2.5 to 2.5	Pass
				30	7.2	1.447	0.0020	-2.5 to 2.5	Pass
				40	7.2	2.209	0.0031	-2.5 to 2.5	Pass
				50	7.2	2.127	0.0030	-2.5 to 2.5	Pass
	714.5	15	0	20	6.12	1.822	0.0026	-2.5 to 2.5	Pass
					7.2	1.833	0.0026	-2.5 to 2.5	Pass
					8.28	1.550	0.0022	-2.5 to 2.5	Pass
				-30	7.2	0.404	0.0006	-2.5 to 2.5	Pass
				-20	7.2	2.004	0.0028	-2.5 to 2.5	Pass
				-10	7.2	1.869	0.0026	-2.5 to 2.5	Pass
				0	7.2	2.109	0.0030	-2.5 to 2.5	Pass
				10	7.2	2.331	0.0033	-2.5 to 2.5	Pass
				30	7.2	1.886	0.0026	-2.5 to 2.5	Pass
				40	7.2	1.946	0.0027	-2.5 to 2.5	Pass
				50	7.2	3.288	0.0046	-2.5 to 2.5	Pass
64QAM	700.5	15	0	20	6.12	2.544	0.0036	-2.5 to 2.5	Pass
					7.2	2.718	0.0039	-2.5 to 2.5	Pass
					8.28	2.852	0.0041	-2.5 to 2.5	Pass
				-30	7.2	2.453	0.0035	-2.5 to 2.5	Pass
				-20	7.2	2.064	0.0029	-2.5 to 2.5	Pass
				-10	7.2	2.219	0.0032	-2.5 to 2.5	Pass
				0	7.2	2.200	0.0031	-2.5 to 2.5	Pass
				10	7.2	2.769	0.0040	-2.5 to 2.5	Pass
				30	7.2	2.782	0.0040	-2.5 to 2.5	Pass
				40	7.2	1.637	0.0023	-2.5 to 2.5	Pass
				50	7.2	1.968	0.0028	-2.5 to 2.5	Pass
	707.5	15	0	20	6.12	1.602	0.0023	-2.5 to 2.5	Pass
					7.2	3.001	0.0042	-2.5 to 2.5	Pass
					8.28	1.931	0.0027	-2.5 to 2.5	Pass
				-30	7.2	2.411	0.0034	-2.5 to 2.5	Pass
				-20	7.2	1.581	0.0022	-2.5 to 2.5	Pass
				-10	7.2	0.815	0.0012	-2.5 to 2.5	Pass
				0	7.2	1.314	0.0019	-2.5 to 2.5	Pass

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	714.5	15	0	10	7.2	1.507	0.0021	-2.5 to 2.5	Pass
				30	7.2	1.853	0.0026	-2.5 to 2.5	Pass
				40	7.2	1.772	0.0025	-2.5 to 2.5	Pass
				50	7.2	1.663	0.0024	-2.5 to 2.5	Pass
				20	6.12	2.345	0.0033	-2.5 to 2.5	Pass
					7.2	3.158	0.0044	-2.5 to 2.5	Pass
					8.28	2.510	0.0035	-2.5 to 2.5	Pass
				-30	7.2	2.699	0.0038	-2.5 to 2.5	Pass
				-20	7.2	1.938	0.0027	-2.5 to 2.5	Pass
				-10	7.2	2.511	0.0035	-2.5 to 2.5	Pass
				0	7.2	2.557	0.0036	-2.5 to 2.5	Pass
				10	7.2	3.066	0.0043	-2.5 to 2.5	Pass
				30	7.2	2.859	0.0040	-2.5 to 2.5	Pass
				40	7.2	3.210	0.0045	-2.5 to 2.5	Pass
				50	7.2	4.177	0.0058	-2.5 to 2.5	Pass

2.3 B12_5MHz

2.3.1 Test Result

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	6.12	1.062	0.0015	-2.5 to 2.5	Pass
					7.2	0.955	0.0014	-2.5 to 2.5	Pass
					8.28	1.786	0.0025	-2.5 to 2.5	Pass
				-30	7.2	1.079	0.0015	-2.5 to 2.5	Pass
				-20	7.2	0.105	0.0001	-2.5 to 2.5	Pass
				-10	7.2	0.718	0.0010	-2.5 to 2.5	Pass
				0	7.2	1.311	0.0019	-2.5 to 2.5	Pass
				10	7.2	0.911	0.0013	-2.5 to 2.5	Pass
				30	7.2	1.574	0.0022	-2.5 to 2.5	Pass
				40	7.2	0.134	0.0002	-2.5 to 2.5	Pass
				50	7.2	0.806	0.0011	-2.5 to 2.5	Pass
	707.5	25	0	20	6.12	1.023	0.0014	-2.5 to 2.5	Pass
					7.2	0.119	0.0002	-2.5 to 2.5	Pass
					8.28	1.847	0.0026	-2.5 to 2.5	Pass
				-30	7.2	0.583	0.0008	-2.5 to 2.5	Pass
				-20	7.2	0.757	0.0011	-2.5 to 2.5	Pass
				-10	7.2	2.043	0.0029	-2.5 to 2.5	Pass
				0	7.2	1.433	0.0020	-2.5 to 2.5	Pass
				10	7.2	0.394	0.0006	-2.5 to 2.5	Pass
				30	7.2	0.030	0.0000	-2.5 to 2.5	Pass
				40	7.2	1.047	0.0015	-2.5 to 2.5	Pass
				50	7.2	-0.020	0.0000	-2.5 to 2.5	Pass
	713.5	25	0	20	6.12	2.595	0.0036	-2.5 to 2.5	Pass
					7.2	1.822	0.0026	-2.5 to 2.5	Pass
					8.28	1.903	0.0027	-2.5 to 2.5	Pass
				-30	7.2	1.134	0.0016	-2.5 to 2.5	Pass



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16QAM	701.5	25	0	-20	7.2	1.257	0.0018	-2.5 to 2.5	Pass
				-10	7.2	0.120	0.0002	-2.5 to 2.5	Pass
				0	7.2	1.026	0.0014	-2.5 to 2.5	Pass
				10	7.2	1.053	0.0015	-2.5 to 2.5	Pass
				30	7.2	0.270	0.0004	-2.5 to 2.5	Pass
				40	7.2	0.382	0.0005	-2.5 to 2.5	Pass
				50	7.2	0.907	0.0013	-2.5 to 2.5	Pass
	707.5	25	0	20	6.12	0.856	0.0012	-2.5 to 2.5	Pass
					7.2	0.678	0.0010	-2.5 to 2.5	Pass
					8.28	0.423	0.0006	-2.5 to 2.5	Pass
				-30	7.2	0.766	0.0011	-2.5 to 2.5	Pass
				-20	7.2	0.566	0.0008	-2.5 to 2.5	Pass
				-10	7.2	0.505	0.0007	-2.5 to 2.5	Pass
				0	7.2	0.770	0.0011	-2.5 to 2.5	Pass
				10	7.2	1.479	0.0021	-2.5 to 2.5	Pass
				30	7.2	1.800	0.0026	-2.5 to 2.5	Pass
				40	7.2	1.692	0.0024	-2.5 to 2.5	Pass
				50	7.2	0.974	0.0014	-2.5 to 2.5	Pass
				20	6.12	0.511	0.0007	-2.5 to 2.5	Pass
					7.2	0.958	0.0014	-2.5 to 2.5	Pass
					8.28	1.176	0.0017	-2.5 to 2.5	Pass
64QAM	713.5	25	0	-30	7.2	1.048	0.0015	-2.5 to 2.5	Pass
				-20	7.2	0.238	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.655	0.0009	-2.5 to 2.5	Pass
				0	7.2	1.388	0.0020	-2.5 to 2.5	Pass
				10	7.2	0.588	0.0008	-2.5 to 2.5	Pass
				30	7.2	0.186	0.0003	-2.5 to 2.5	Pass
				40	7.2	0.189	0.0003	-2.5 to 2.5	Pass
				50	7.2	0.044	0.0001	-2.5 to 2.5	Pass
				20	6.12	1.474	0.0021	-2.5 to 2.5	Pass
					7.2	0.773	0.0011	-2.5 to 2.5	Pass
					8.28	1.211	0.0017	-2.5 to 2.5	Pass
				-30	7.2	1.454	0.0020	-2.5 to 2.5	Pass
				-20	7.2	1.142	0.0016	-2.5 to 2.5	Pass
				-10	7.2	1.377	0.0019	-2.5 to 2.5	Pass
	701.5	25	0	0	7.2	0.848	0.0012	-2.5 to 2.5	Pass
				10	7.2	0.718	0.0010	-2.5 to 2.5	Pass
				30	7.2	0.473	0.0007	-2.5 to 2.5	Pass
				40	7.2	0.532	0.0007	-2.5 to 2.5	Pass
				50	7.2	-0.396	-0.0006	-2.5 to 2.5	Pass
				20	6.12	1.702	0.0024	-2.5 to 2.5	Pass
					7.2	0.393	0.0006	-2.5 to 2.5	Pass
					8.28	0.708	0.0010	-2.5 to 2.5	Pass
				-30	7.2	0.261	0.0004	-2.5 to 2.5	Pass
				-20	7.2	2.039	0.0029	-2.5 to 2.5	Pass
				-10	7.2	1.419	0.0020	-2.5 to 2.5	Pass
				0	7.2	1.919	0.0027	-2.5 to 2.5	Pass
				10	7.2	1.204	0.0017	-2.5 to 2.5	Pass
				30	7.2	2.202	0.0031	-2.5 to 2.5	Pass
				40	7.2	2.509	0.0036	-2.5 to 2.5	Pass
				50	7.2	2.828	0.0040	-2.5 to 2.5	Pass



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	707.5	25	0	20	6.12	-0.302	-0.0004	-2.5 to 2.5	Pass
					7.2	-0.235	-0.0003	-2.5 to 2.5	Pass
					8.28	-0.036	-0.0001	-2.5 to 2.5	Pass
				-30	7.2	-0.963	-0.0014	-2.5 to 2.5	Pass
				-20	7.2	0.508	0.0007	-2.5 to 2.5	Pass
				-10	7.2	0.896	0.0013	-2.5 to 2.5	Pass
				0	7.2	-0.122	-0.0002	-2.5 to 2.5	Pass
				10	7.2	0.368	0.0005	-2.5 to 2.5	Pass
				30	7.2	1.303	0.0018	-2.5 to 2.5	Pass
				40	7.2	-0.078	-0.0001	-2.5 to 2.5	Pass
	713.5	25	0	20	6.12	-0.361	-0.0005	-2.5 to 2.5	Pass
					7.2	0.978	0.0014	-2.5 to 2.5	Pass
					8.28	0.063	0.0001	-2.5 to 2.5	Pass
				-30	7.2	0.046	0.0001	-2.5 to 2.5	Pass
				-20	7.2	0.574	0.0008	-2.5 to 2.5	Pass
				-10	7.2	0.879	0.0012	-2.5 to 2.5	Pass
				0	7.2	0.064	0.0001	-2.5 to 2.5	Pass
				10	7.2	1.236	0.0017	-2.5 to 2.5	Pass
				30	7.2	1.386	0.0019	-2.5 to 2.5	Pass
				40	7.2	1.090	0.0015	-2.5 to 2.5	Pass
				50	7.2	1.361	0.0019	-2.5 to 2.5	Pass

2.4 B12_10MHz

2.4.1 Test Result

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	704	50	0	20	6.12	2.041	0.0029	-2.5 to 2.5	Pass
					7.2	1.341	0.0019	-2.5 to 2.5	Pass
					8.28	1.187	0.0017	-2.5 to 2.5	Pass
				-30	7.2	0.482	0.0007	-2.5 to 2.5	Pass
				-20	7.2	0.445	0.0006	-2.5 to 2.5	Pass
				-10	7.2	0.124	0.0002	-2.5 to 2.5	Pass
				0	7.2	-0.221	-0.0003	-2.5 to 2.5	Pass
				10	7.2	1.013	0.0014	-2.5 to 2.5	Pass
				30	7.2	1.016	0.0014	-2.5 to 2.5	Pass
				40	7.2	0.496	0.0007	-2.5 to 2.5	Pass
	707.5	50	0	50	7.2	0.071	0.0001	-2.5 to 2.5	Pass
				20	6.12	0.618	0.0009	-2.5 to 2.5	Pass
					7.2	0.677	0.0010	-2.5 to 2.5	Pass
					8.28	1.336	0.0019	-2.5 to 2.5	Pass
				-30	7.2	0.237	0.0003	-2.5 to 2.5	Pass
				-20	7.2	0.814	0.0012	-2.5 to 2.5	Pass
				-10	7.2	0.372	0.0005	-2.5 to 2.5	Pass
				0	7.2	1.250	0.0018	-2.5 to 2.5	Pass
				10	7.2	-0.079	-0.0001	-2.5 to 2.5	Pass



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	711	50	0	30	7.2	0.526	0.0007	-2.5 to 2.5	Pass
				40	7.2	0.436	0.0006	-2.5 to 2.5	Pass
				50	7.2	0.754	0.0011	-2.5 to 2.5	Pass
				20	6.12	-0.140	-0.0002	-2.5 to 2.5	Pass
					7.2	-1.162	-0.0016	-2.5 to 2.5	Pass
					8.28	-0.803	-0.0011	-2.5 to 2.5	Pass
				-30	7.2	-0.275	-0.0004	-2.5 to 2.5	Pass
				-20	7.2	-0.449	-0.0006	-2.5 to 2.5	Pass
				-10	7.2	-0.312	-0.0004	-2.5 to 2.5	Pass
				0	7.2	-0.570	-0.0008	-2.5 to 2.5	Pass
				10	7.2	0.276	0.0004	-2.5 to 2.5	Pass
				30	7.2	0.737	0.0010	-2.5 to 2.5	Pass
				40	7.2	0.169	0.0002	-2.5 to 2.5	Pass
				50	7.2	0.050	0.0001	-2.5 to 2.5	Pass
16QAM	704	50	0	20	6.12	0.339	0.0005	-2.5 to 2.5	Pass
					7.2	0.308	0.0004	-2.5 to 2.5	Pass
					8.28	-0.123	-0.0002	-2.5 to 2.5	Pass
				-30	7.2	0.625	0.0009	-2.5 to 2.5	Pass
				-20	7.2	-0.133	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	-0.092	-0.0001	-2.5 to 2.5	Pass
				0	7.2	-0.393	-0.0006	-2.5 to 2.5	Pass
				10	7.2	0.448	0.0006	-2.5 to 2.5	Pass
				30	7.2	-0.299	-0.0004	-2.5 to 2.5	Pass
				40	7.2	-0.610	-0.0009	-2.5 to 2.5	Pass
				50	7.2	0.095	0.0001	-2.5 to 2.5	Pass
	707.5	50	0	20	6.12	0.129	0.0002	-2.5 to 2.5	Pass
					7.2	0.897	0.0013	-2.5 to 2.5	Pass
					8.28	0.804	0.0011	-2.5 to 2.5	Pass
				-30	7.2	0.481	0.0007	-2.5 to 2.5	Pass
				-20	7.2	0.287	0.0004	-2.5 to 2.5	Pass
				-10	7.2	0.868	0.0012	-2.5 to 2.5	Pass
				0	7.2	0.279	0.0004	-2.5 to 2.5	Pass
				10	7.2	-0.237	-0.0003	-2.5 to 2.5	Pass
				30	7.2	0.325	0.0005	-2.5 to 2.5	Pass
				40	7.2	0.635	0.0009	-2.5 to 2.5	Pass
				50	7.2	1.218	0.0017	-2.5 to 2.5	Pass
	711	50	0	20	6.12	-0.973	-0.0014	-2.5 to 2.5	Pass
					7.2	-0.249	-0.0004	-2.5 to 2.5	Pass
					8.28	-0.186	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	-0.670	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	0.542	0.0008	-2.5 to 2.5	Pass
				-10	7.2	0.540	0.0008	-2.5 to 2.5	Pass
				0	7.2	0.345	0.0005	-2.5 to 2.5	Pass
				10	7.2	-0.451	-0.0006	-2.5 to 2.5	Pass
				30	7.2	-0.610	-0.0009	-2.5 to 2.5	Pass
64QAM	704	50	0	20	6.12	-0.363	-0.0005	-2.5 to 2.5	Pass
					7.2	1.212	0.0017	-2.5 to 2.5	Pass
					8.28	-0.455	-0.0006	-2.5 to 2.5	Pass
				-30	7.2	0.171	0.0002	-2.5 to 2.5	Pass

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				-20	7.2	-0.019	0.0000	-2.5 to 2.5	Pass
				-10	7.2	-0.375	-0.0005	-2.5 to 2.5	Pass
				0	7.2	-0.223	-0.0003	-2.5 to 2.5	Pass
				10	7.2	0.016	0.0000	-2.5 to 2.5	Pass
				30	7.2	0.127	0.0002	-2.5 to 2.5	Pass
				40	7.2	0.265	0.0004	-2.5 to 2.5	Pass
				50	7.2	0.293	0.0004	-2.5 to 2.5	Pass
	707.5	50	0	20	6.12	-0.417	-0.0006	-2.5 to 2.5	Pass
					7.2	0.139	0.0002	-2.5 to 2.5	Pass
					8.28	0.585	0.0008	-2.5 to 2.5	Pass
				-30	7.2	0.178	0.0003	-2.5 to 2.5	Pass
				-20	7.2	0.055	0.0001	-2.5 to 2.5	Pass
				-10	7.2	0.639	0.0009	-2.5 to 2.5	Pass
				0	7.2	-0.752	-0.0011	-2.5 to 2.5	Pass
				10	7.2	-0.862	-0.0012	-2.5 to 2.5	Pass
				30	7.2	-0.206	-0.0003	-2.5 to 2.5	Pass
				40	7.2	-0.419	-0.0006	-2.5 to 2.5	Pass
				50	7.2	-0.132	-0.0002	-2.5 to 2.5	Pass
	711	50	0	20	6.12	-0.479	-0.0007	-2.5 to 2.5	Pass
					7.2	-0.847	-0.0012	-2.5 to 2.5	Pass
					8.28	-0.001	0.0000	-2.5 to 2.5	Pass
				-30	7.2	-0.754	-0.0011	-2.5 to 2.5	Pass
				-20	7.2	-0.933	-0.0013	-2.5 to 2.5	Pass
				-10	7.2	-0.793	-0.0011	-2.5 to 2.5	Pass
				0	7.2	-0.603	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-0.627	-0.0009	-2.5 to 2.5	Pass
				30	7.2	-0.641	-0.0009	-2.5 to 2.5	Pass
				40	7.2	-1.844	-0.0026	-2.5 to 2.5	Pass
				50	7.2	-0.943	-0.0013	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 B12_1.4MHz

3.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	707.5	6	0	Refer To Test Graph	Pass
16QAM	707.5	6	0	Refer To Test Graph	Pass
64QAM	707.5	6	0	Refer To Test Graph	Pass

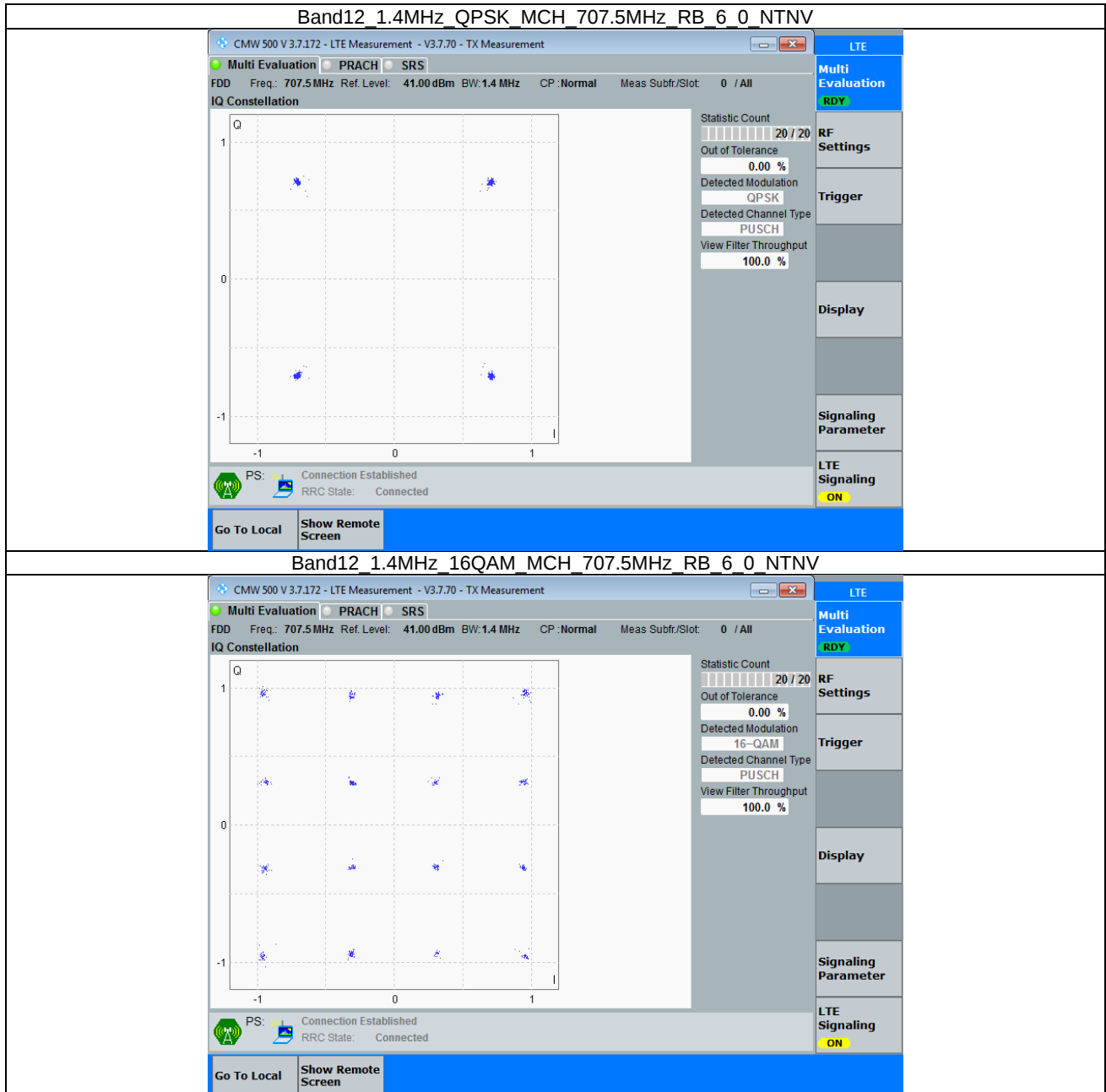


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3.1.2 Test Graph

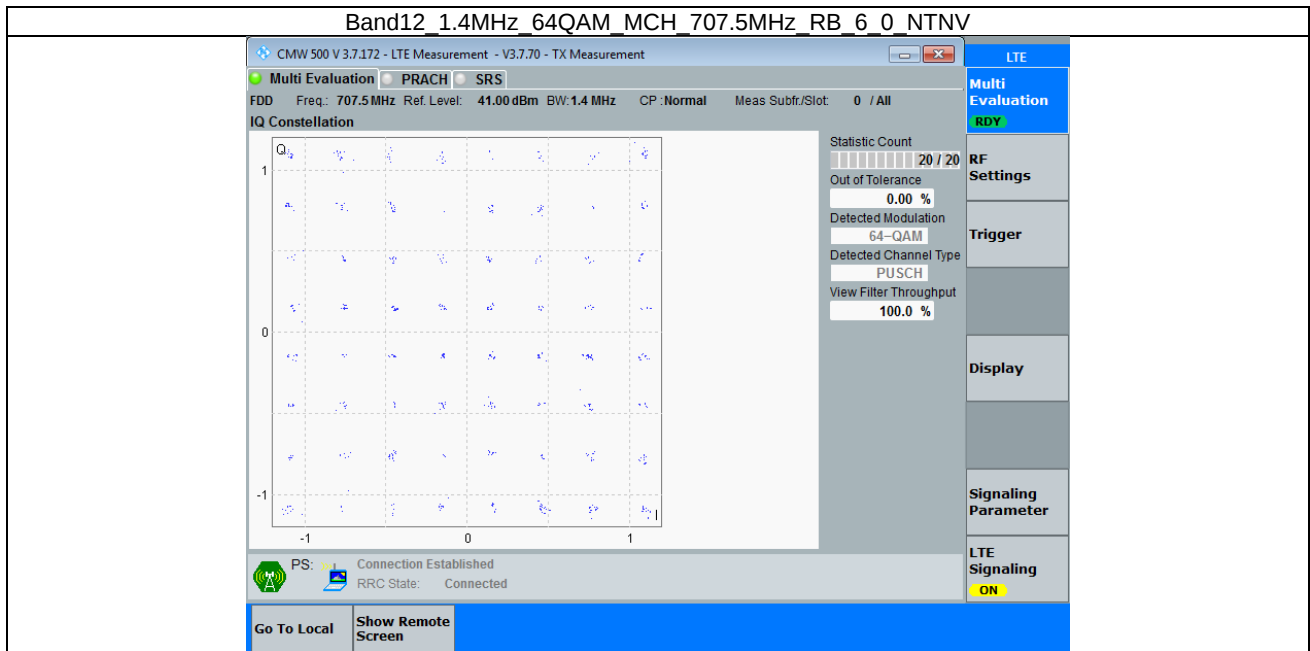


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3.2 B12_3MHz

3.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	707.5	15	0	Refer To Test Graph	Pass
16QAM	707.5	15	0	Refer To Test Graph	Pass
64QAM	707.5	15	0	Refer To Test Graph	Pass



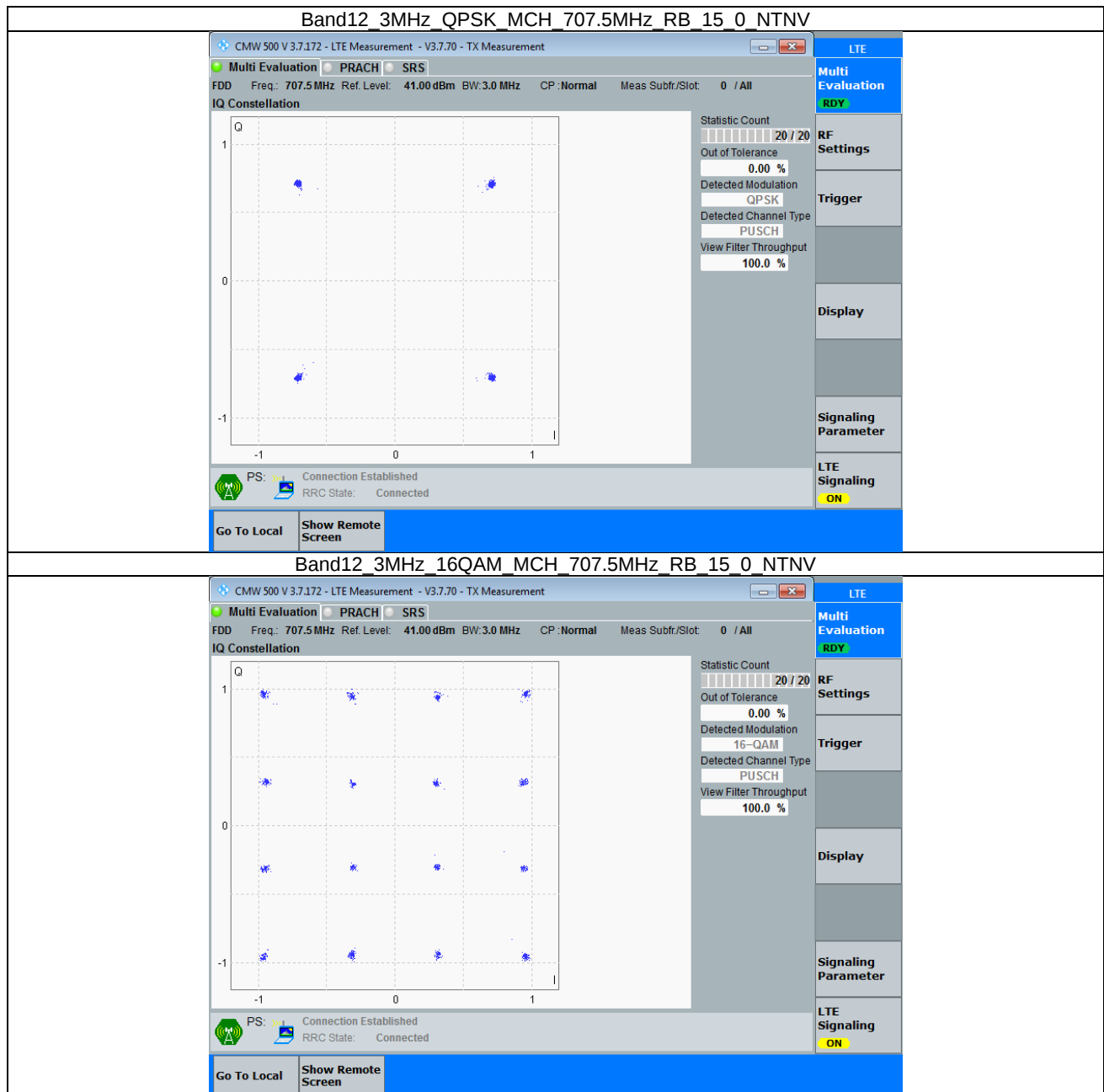
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3.2.2 Test Graph

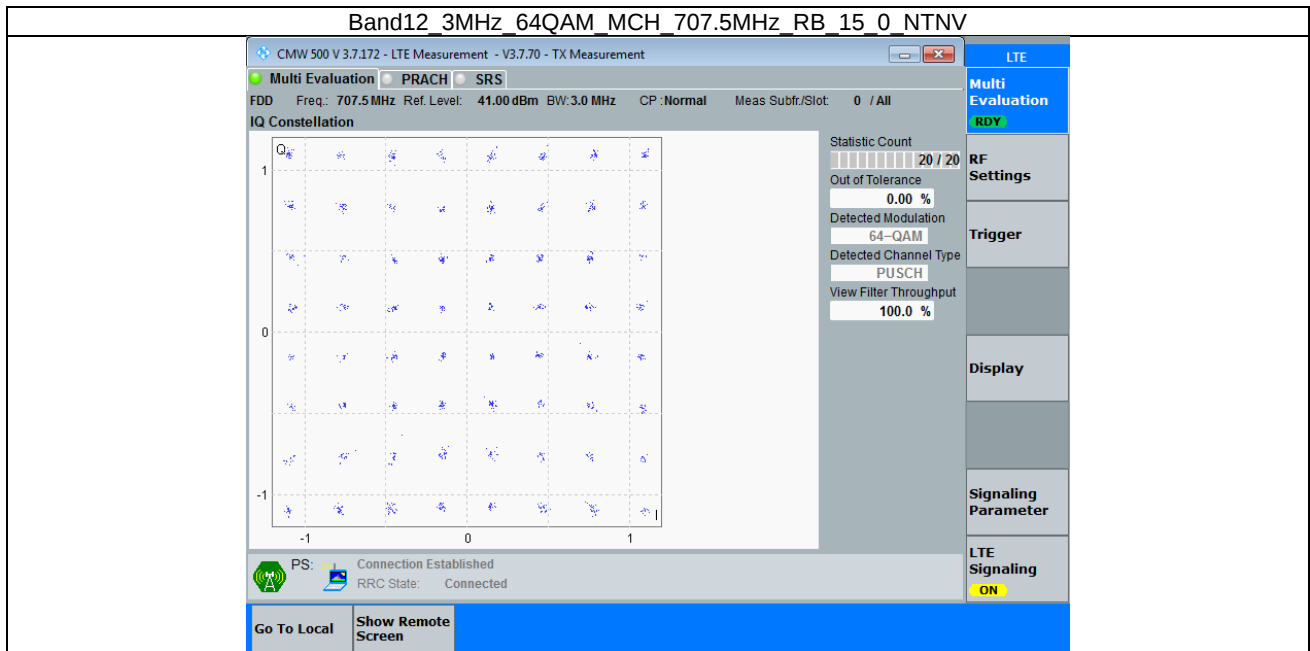


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3.3 B12_5MHz

3.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	707.5	25	0	Refer To Test Graph	Pass
16QAM	707.5	25	0	Refer To Test Graph	Pass
64QAM	707.5	25	0	Refer To Test Graph	Pass



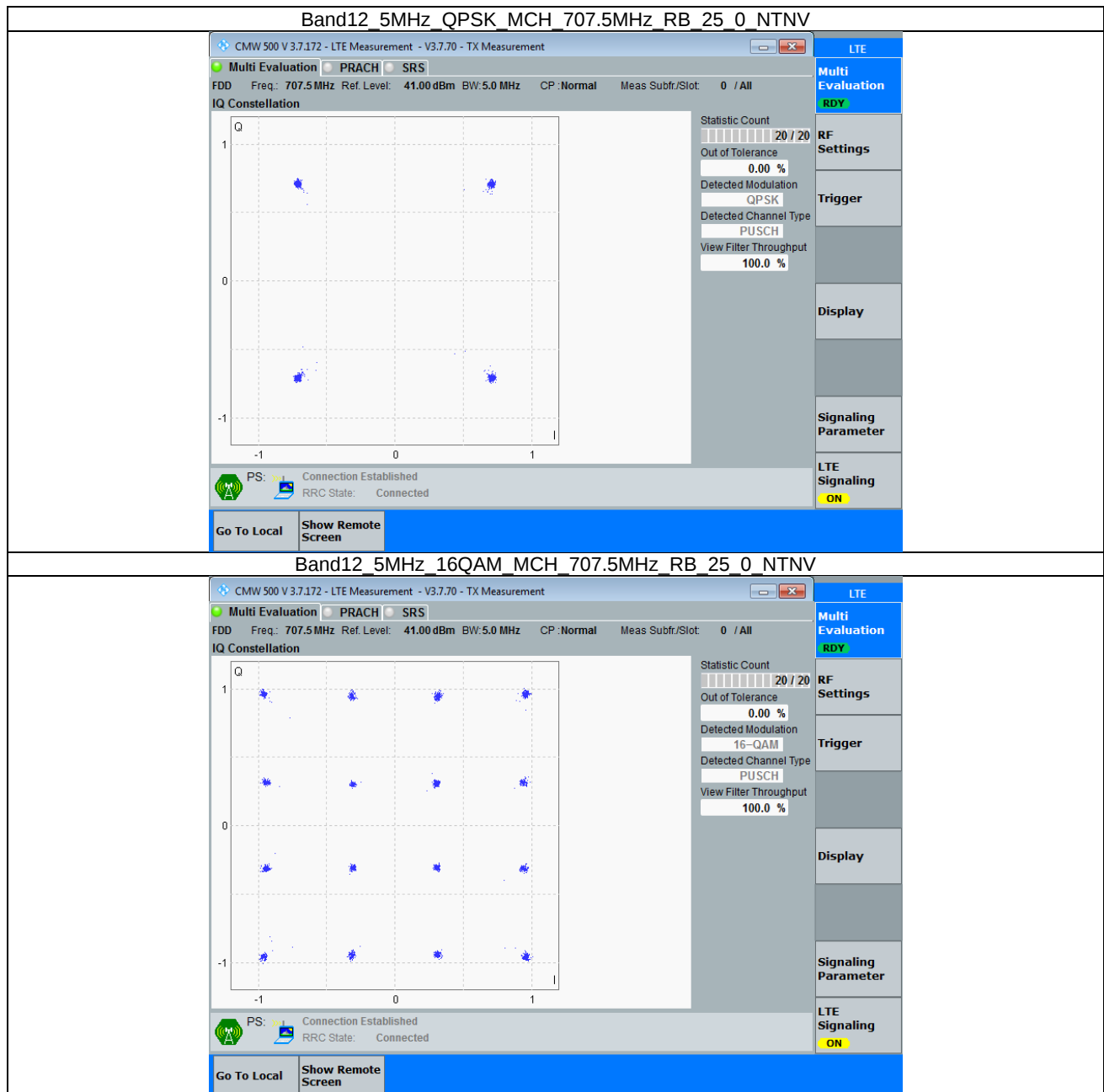
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3.3.2 Test Graph

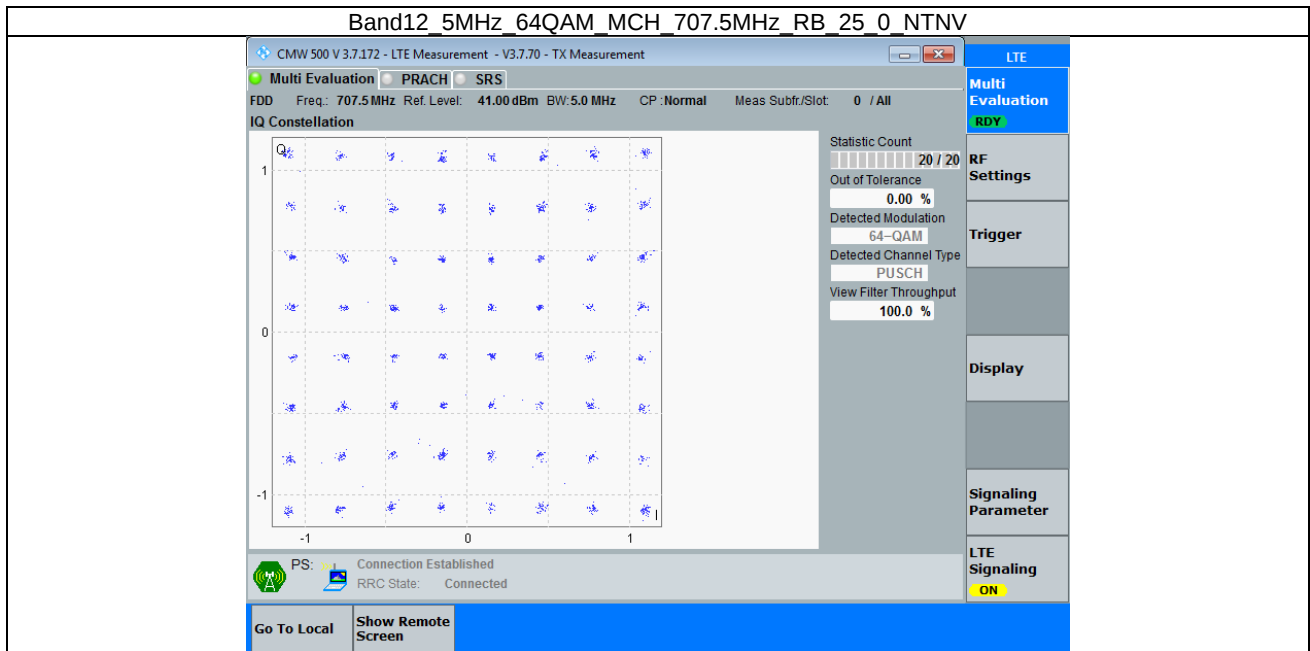


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3.4 B12_10MHz

3.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	707.5	50	0	Refer To Test Graph	Pass
16QAM	707.5	50	0	Refer To Test Graph	Pass
64QAM	707.5	50	0	Refer To Test Graph	Pass



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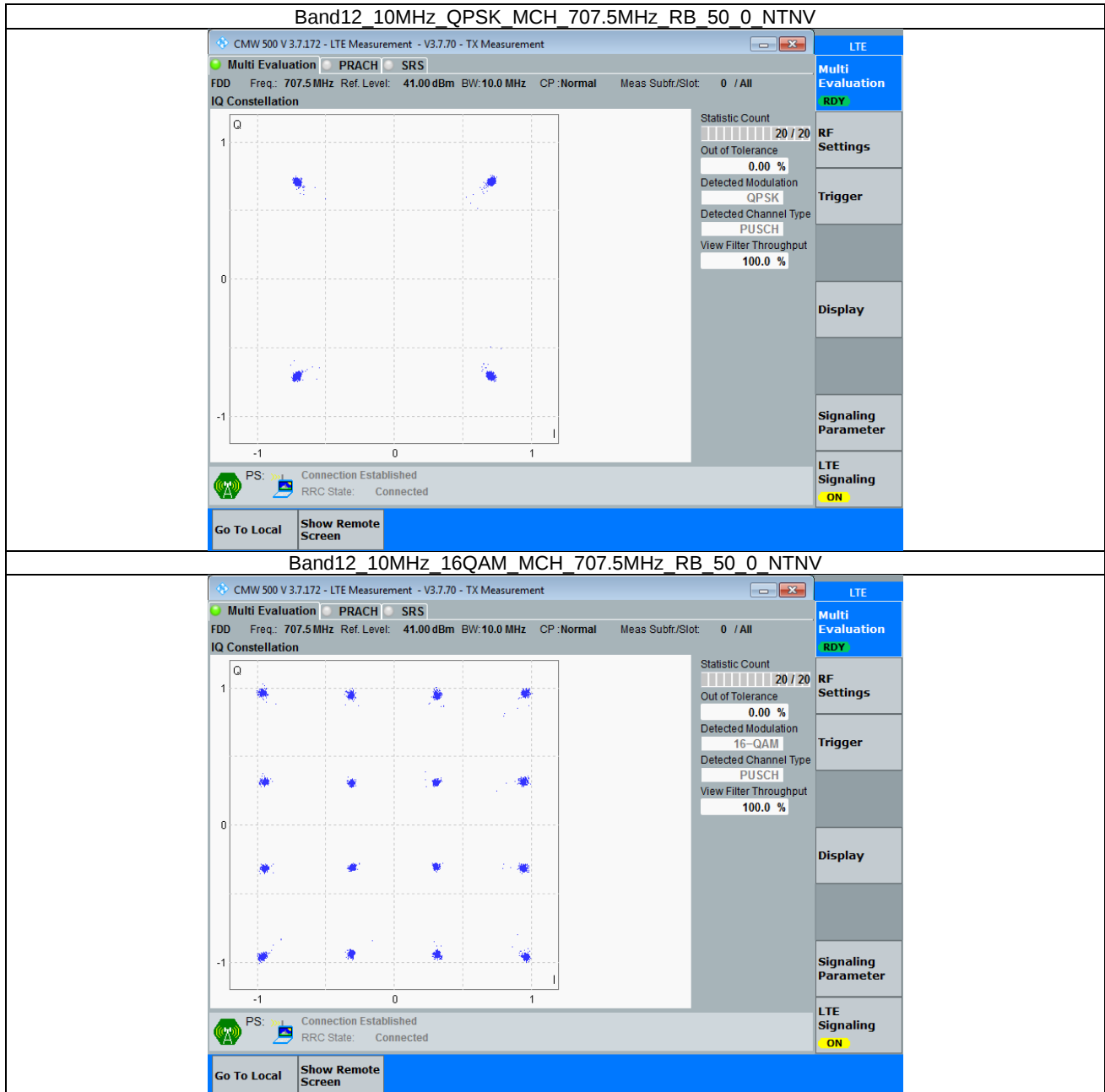
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3.4.2 Test Graph

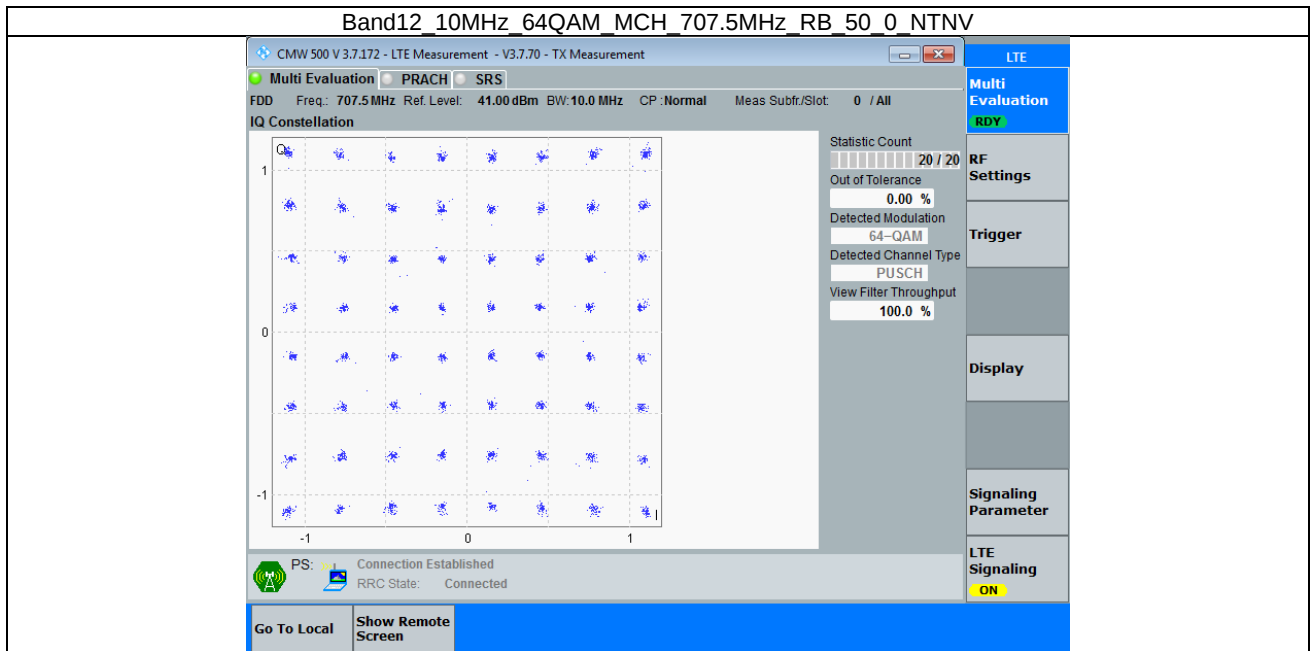


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4. 99% & 26dB Bandwidth

4.1 Band12_OBW

4.1.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.123	Pass
		707.5	6	0	1.115	Pass
		715.3	6	0	1.115	Pass
	16QAM	699.7	6	0	1.118	Pass
		707.5	6	0	1.109	Pass
		715.3	6	0	1.120	Pass
	64QAM	699.7	6	0	1.121	Pass
		707.5	6	0	1.112	Pass
		715.3	6	0	1.114	Pass
3	QPSK	700.5	15	0	2.737	Pass
		707.5	15	0	2.738	Pass
		714.5	15	0	2.748	Pass
	16QAM	700.5	15	0	2.734	Pass
		707.5	15	0	2.733	Pass
		714.5	15	0	2.735	Pass
	64QAM	700.5	15	0	2.745	Pass
		707.5	15	0	2.727	Pass
		714.5	15	0	2.735	Pass
5	QPSK	701.5	25	0	4.540	Pass
		707.5	25	0	4.539	Pass
		713.5	25	0	4.536	Pass
	16QAM	701.5	25	0	4.529	Pass
		707.5	25	0	4.546	Pass
		713.5	25	0	4.548	Pass
	64QAM	701.5	25	0	4.528	Pass
		707.5	25	0	4.556	Pass
		713.5	25	0	4.544	Pass
10	QPSK	704	50	0	9.056	Pass
		707.5	50	0	9.029	Pass
		711	50	0	9.039	Pass
	16QAM	704	50	0	9.032	Pass
		707.5	50	0	9.045	Pass
		711	50	0	9.039	Pass
	64QAM	704	50	0	9.034	Pass
		707.5	50	0	9.065	Pass
		711	50	0	9.021	Pass



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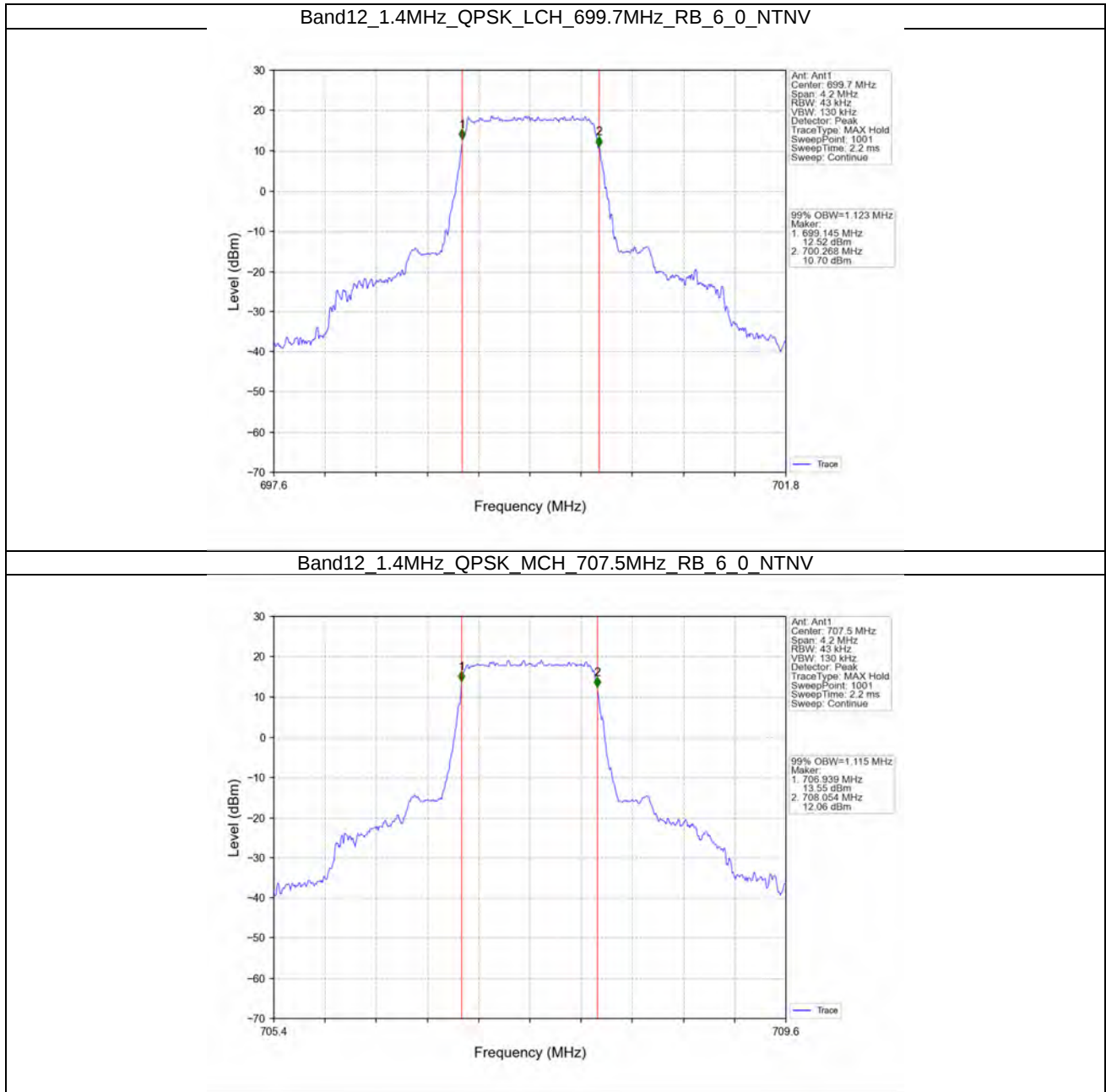
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4.1.2 Test Graph



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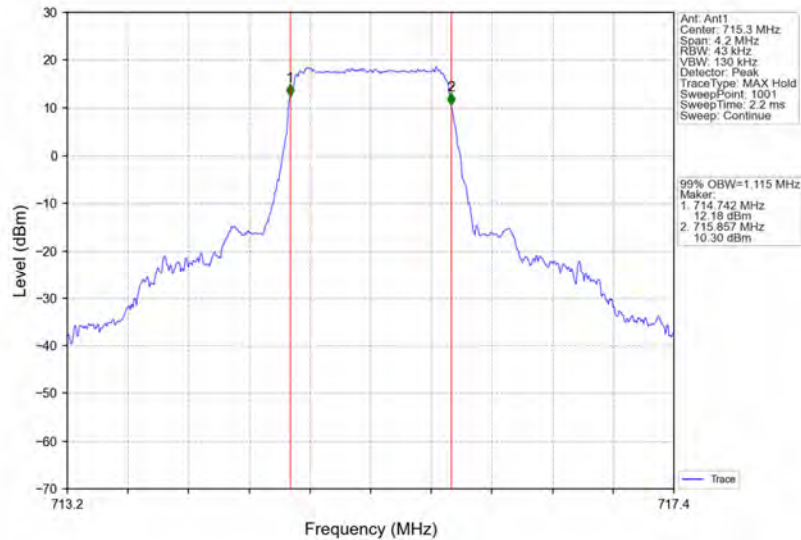
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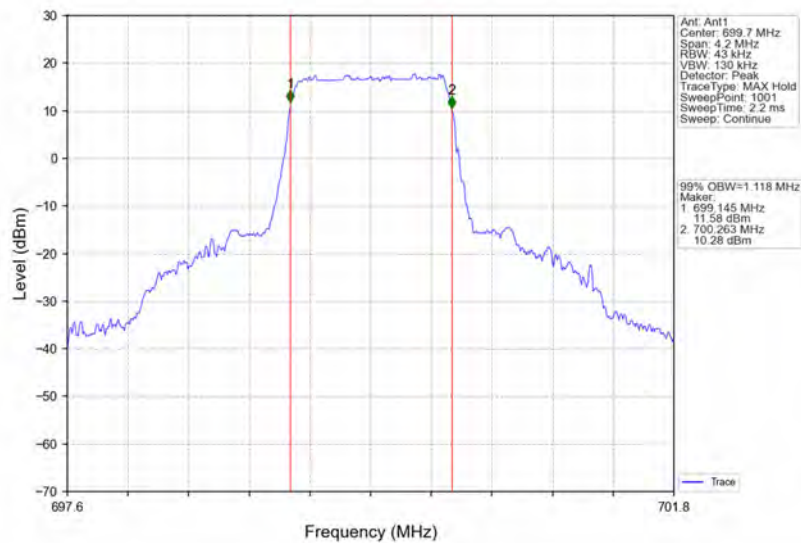
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Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



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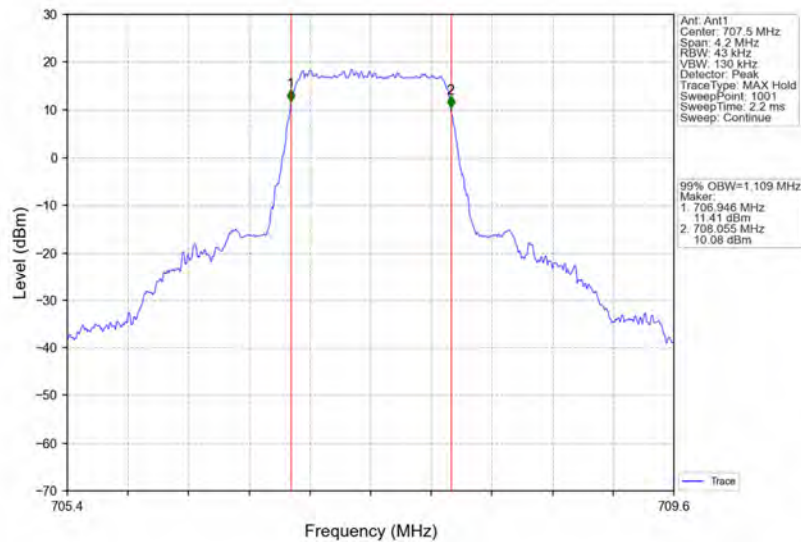
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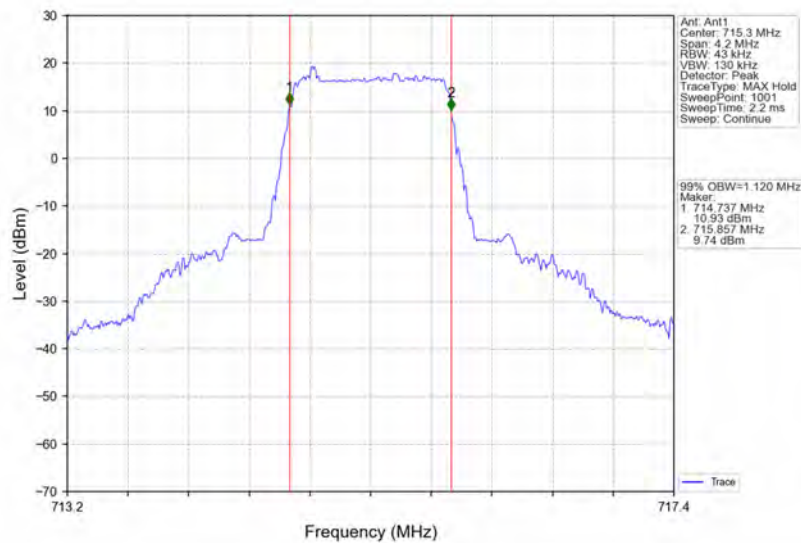
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Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



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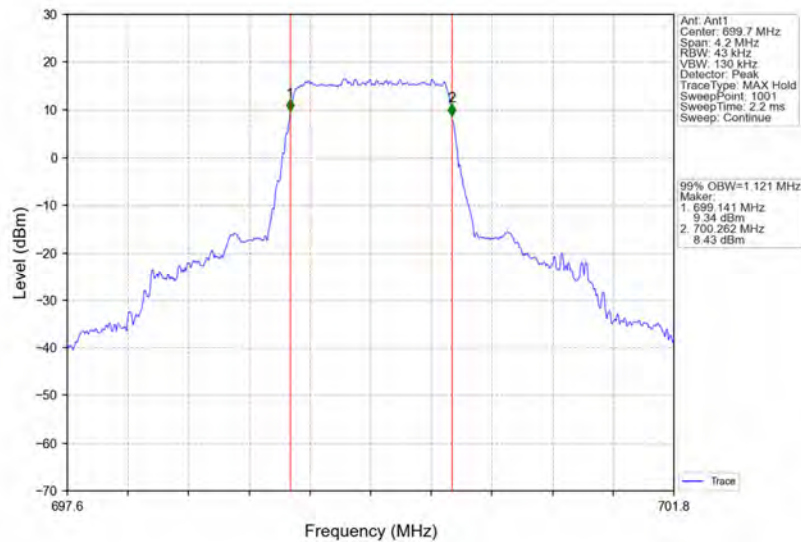
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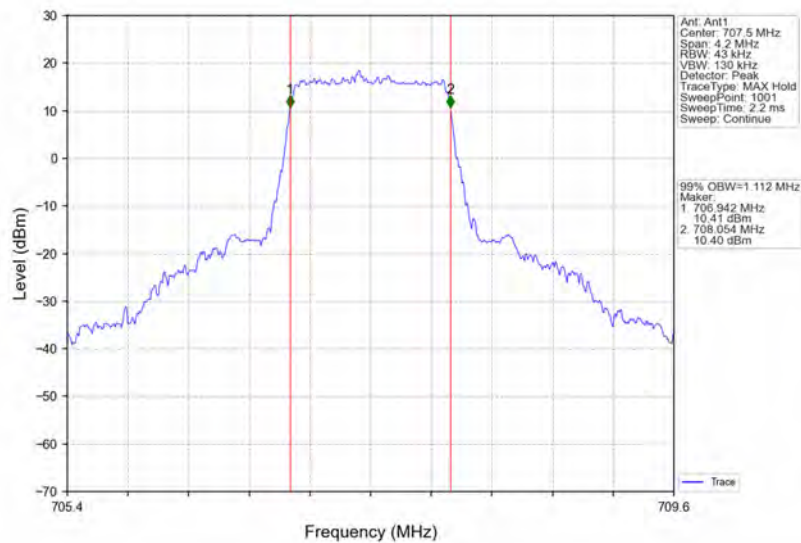
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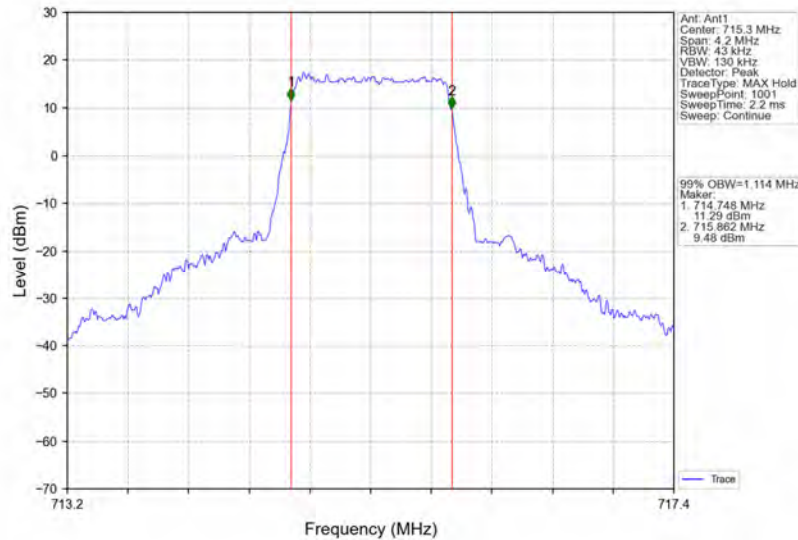
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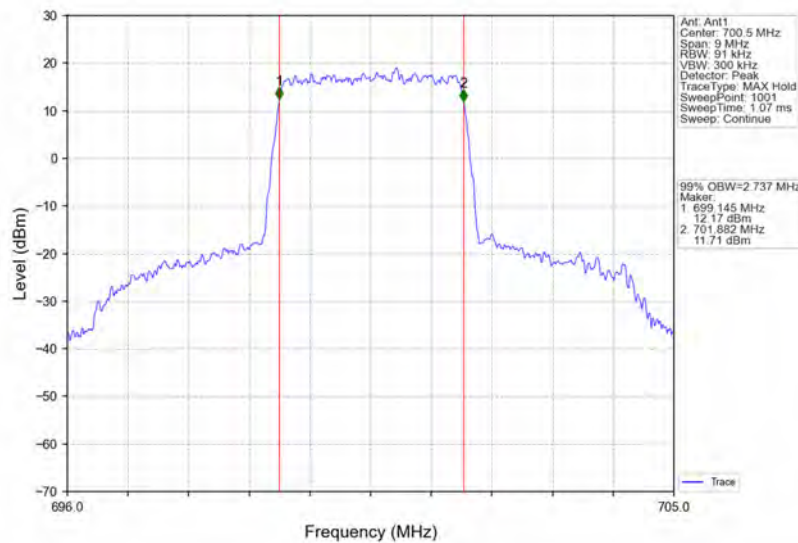
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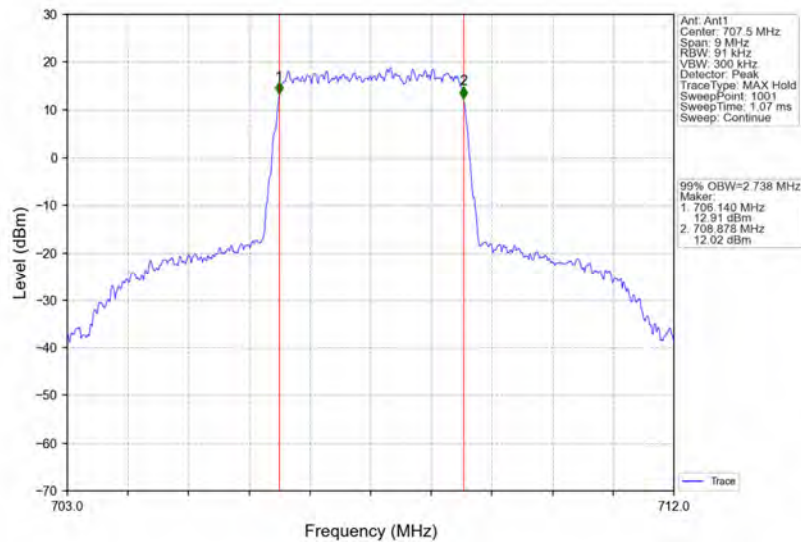
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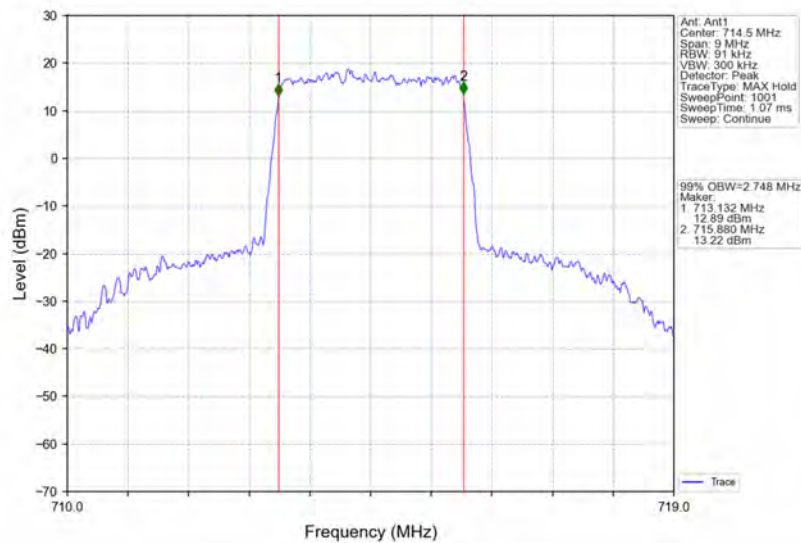
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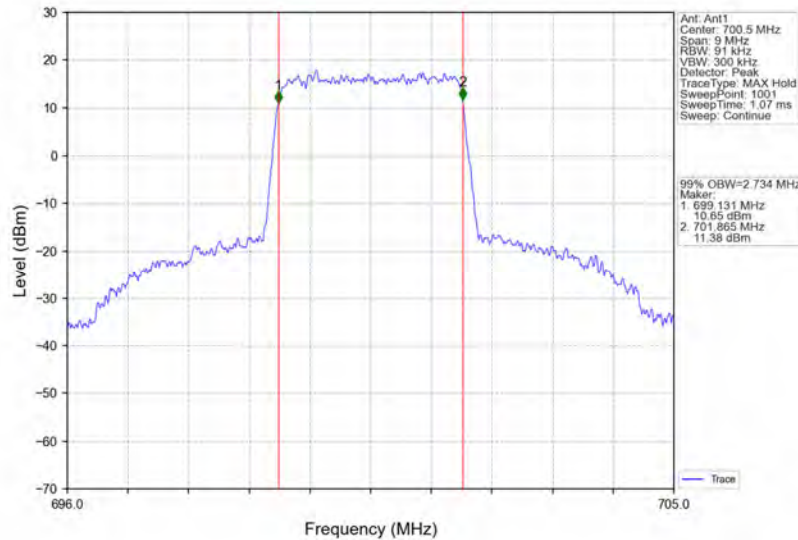
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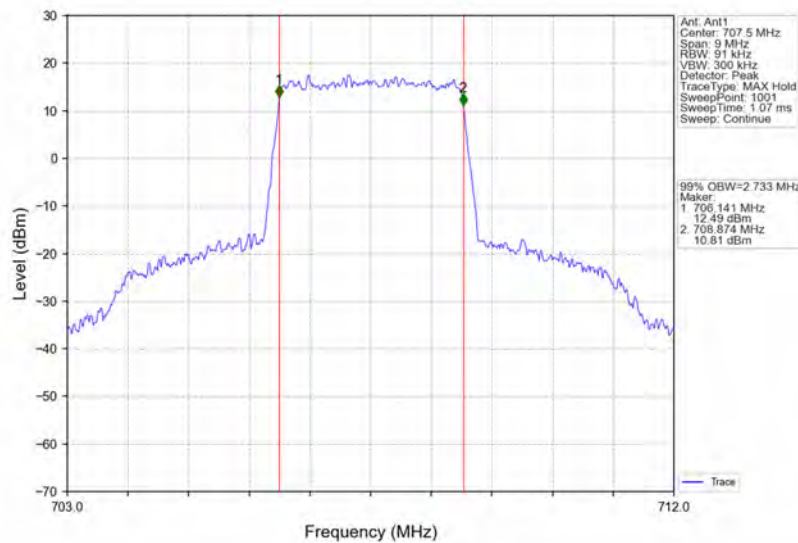
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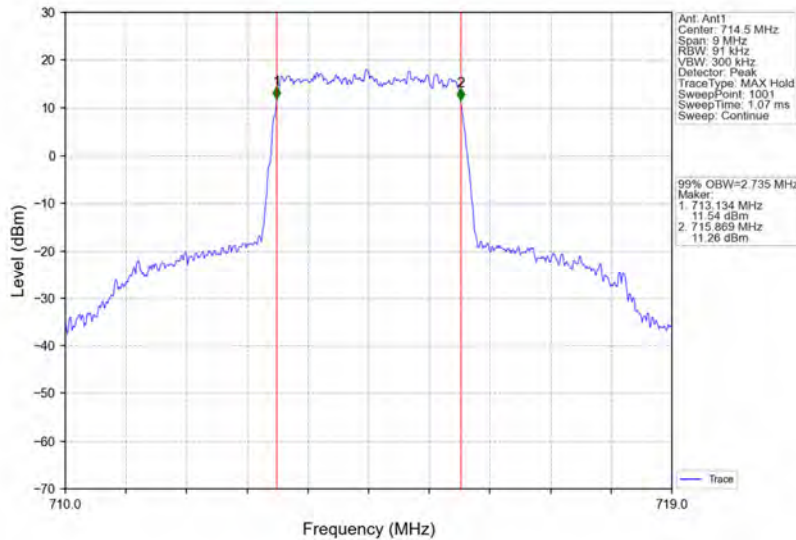
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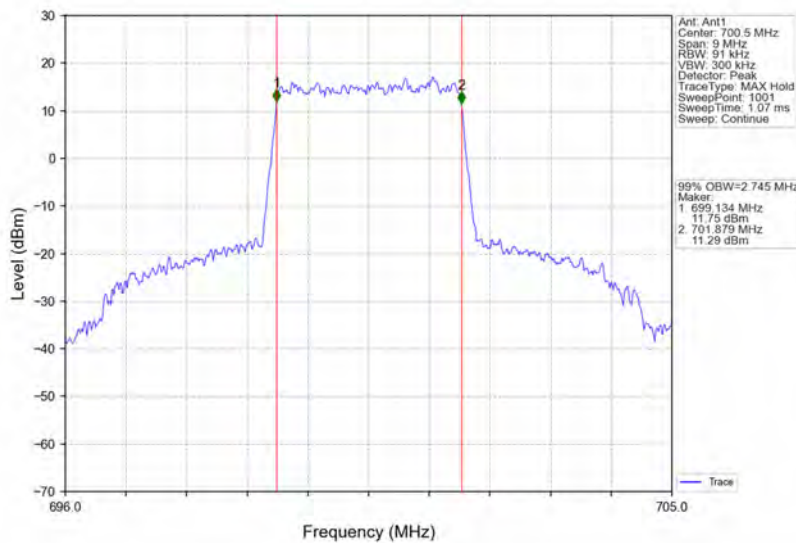
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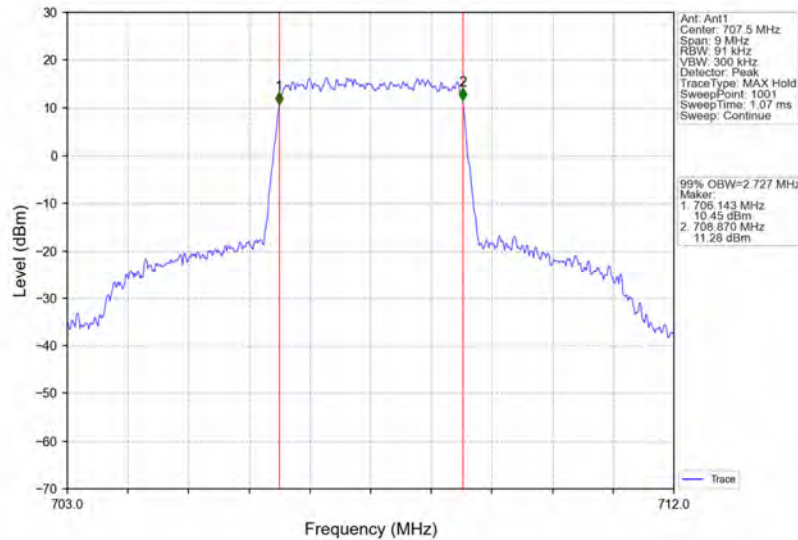
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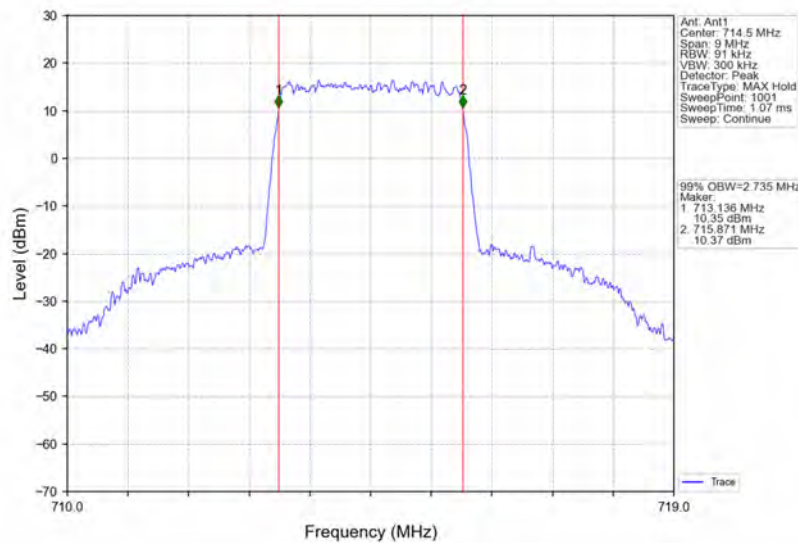
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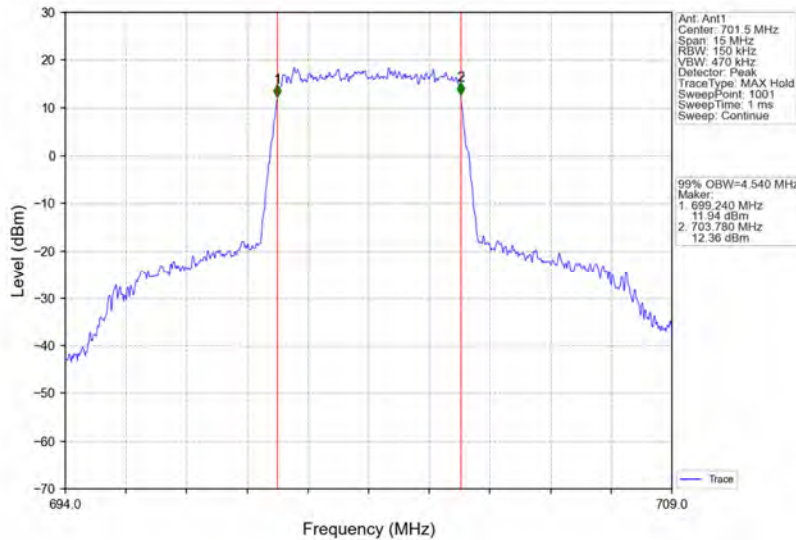
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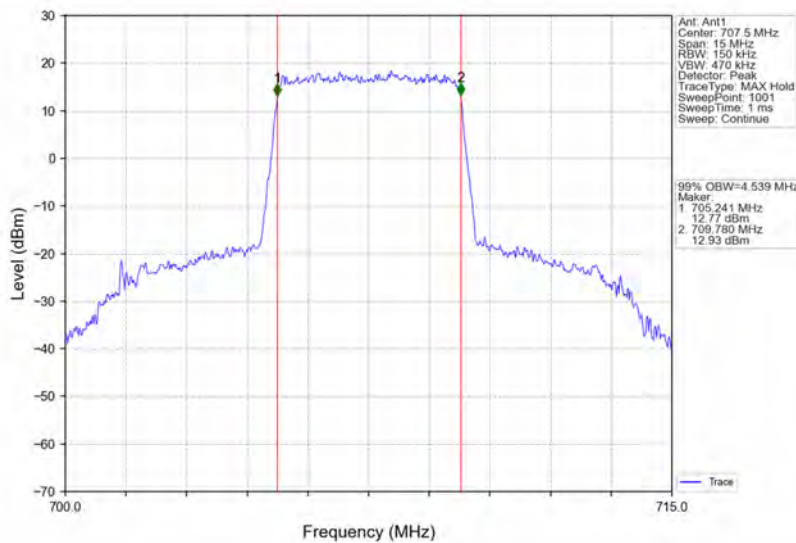
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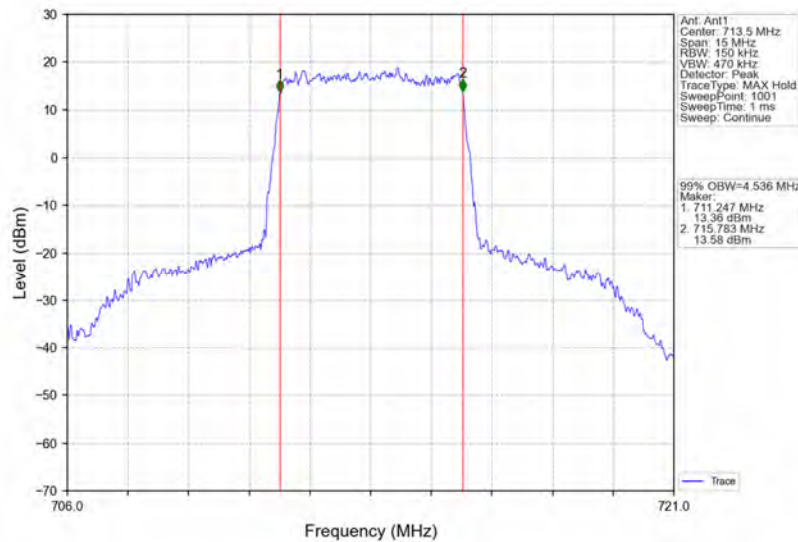
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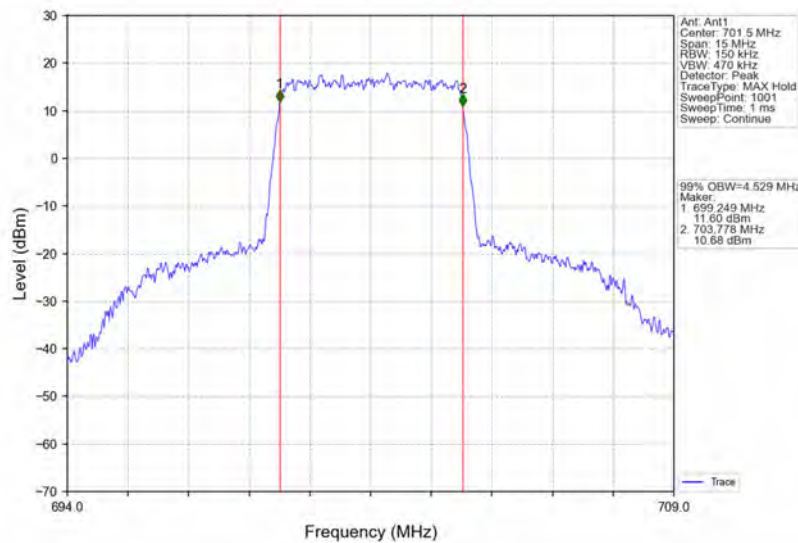
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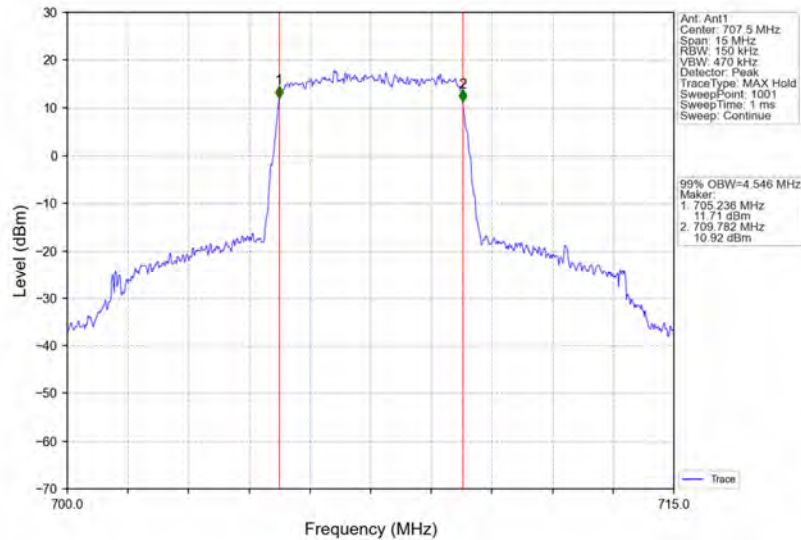
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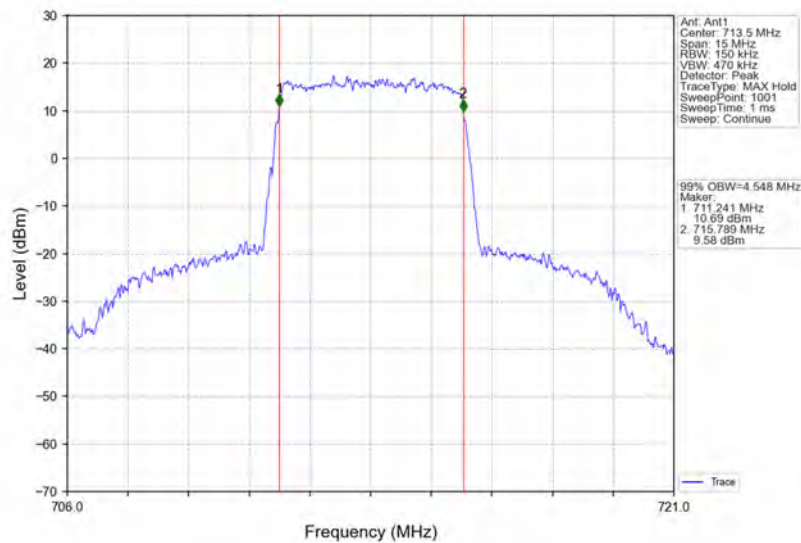
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Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



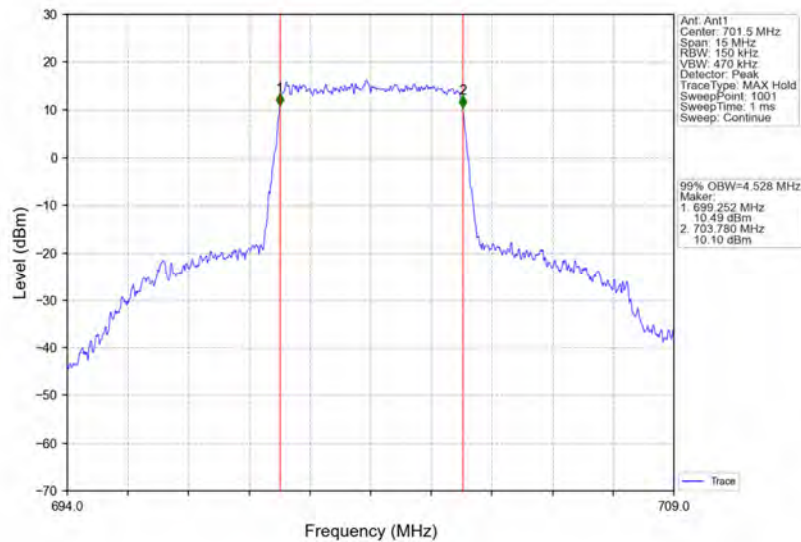
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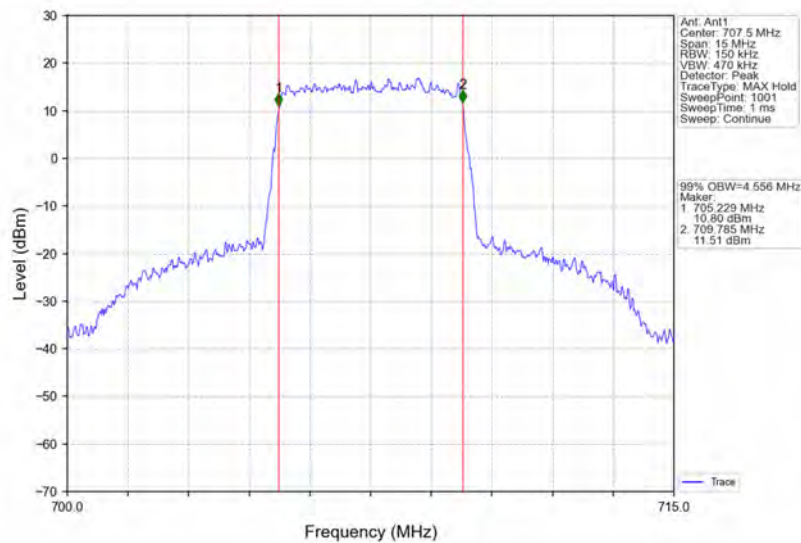
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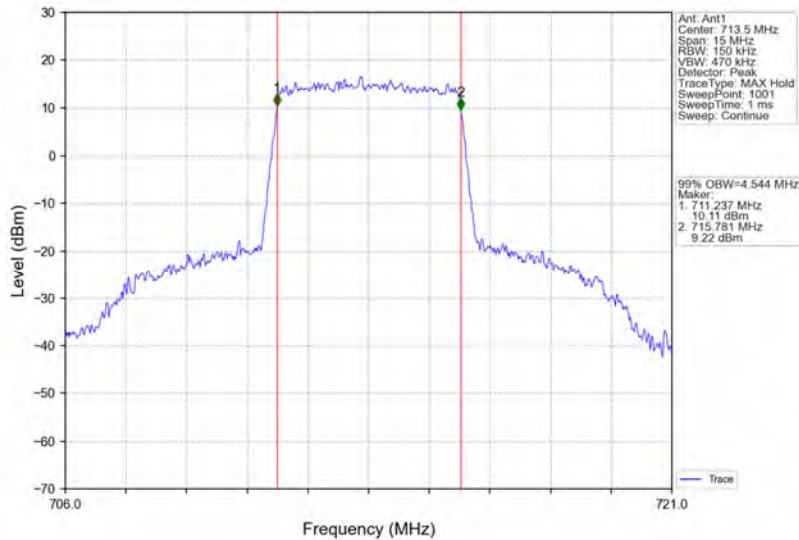
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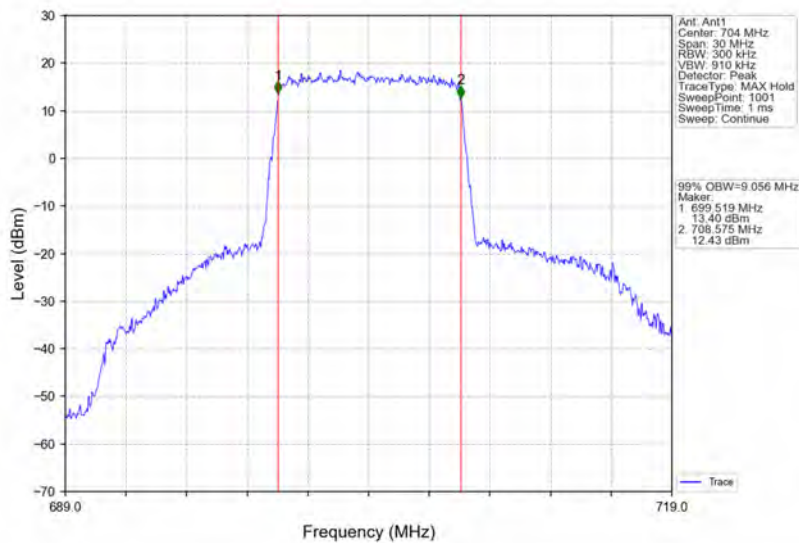
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Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



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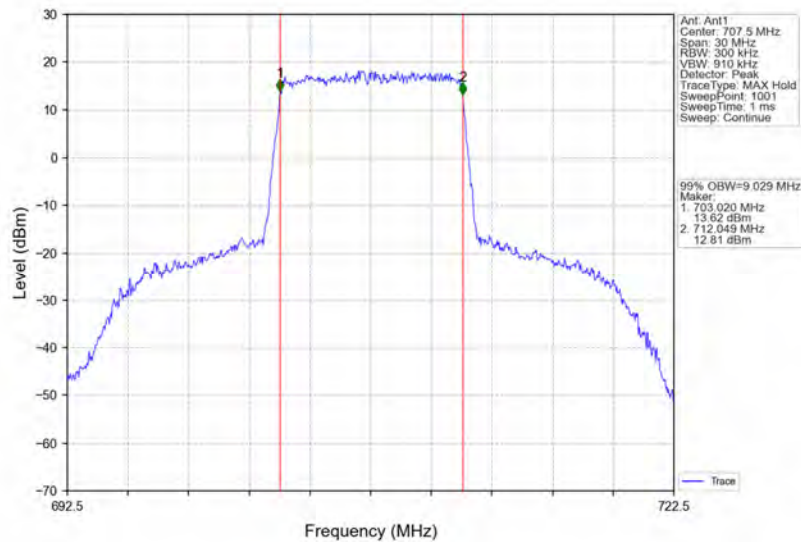
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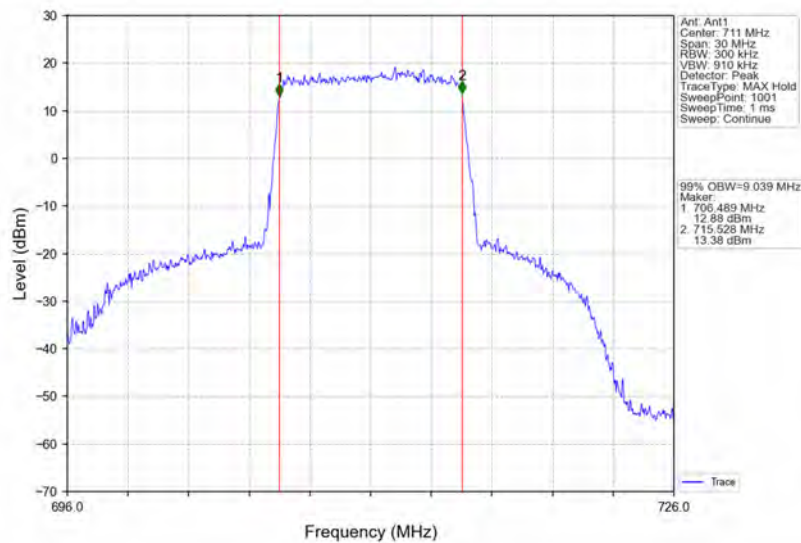
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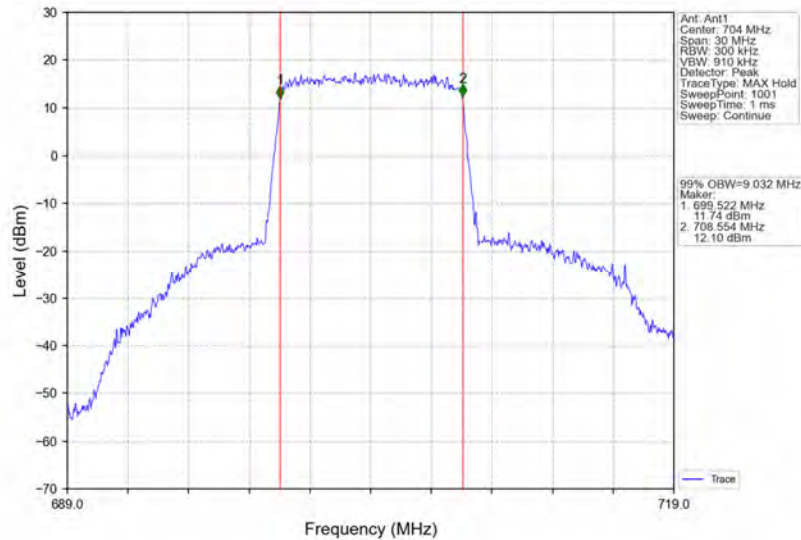
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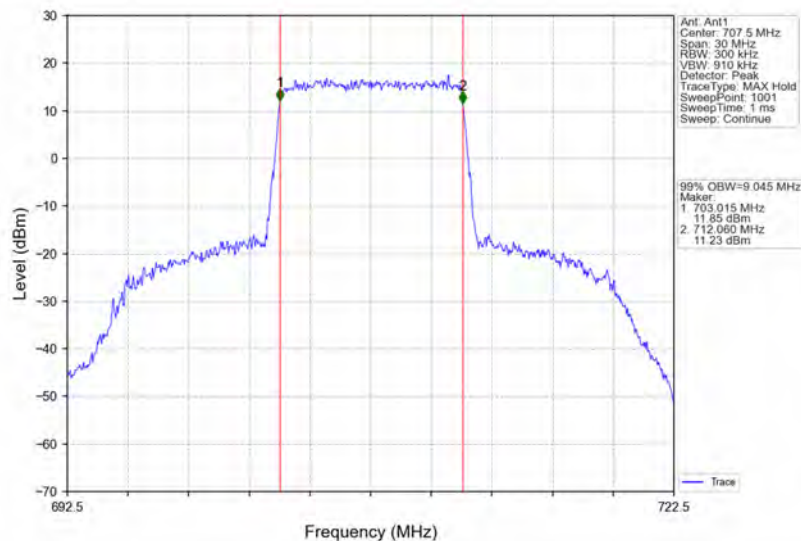
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Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



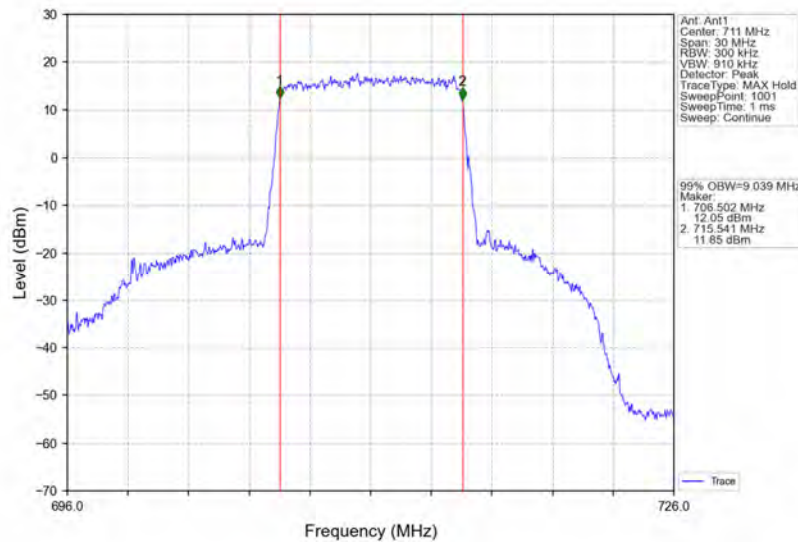
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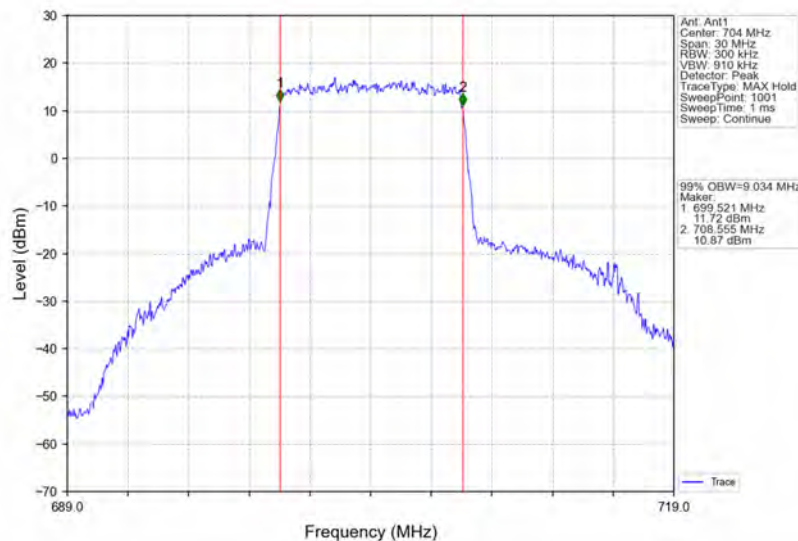
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Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



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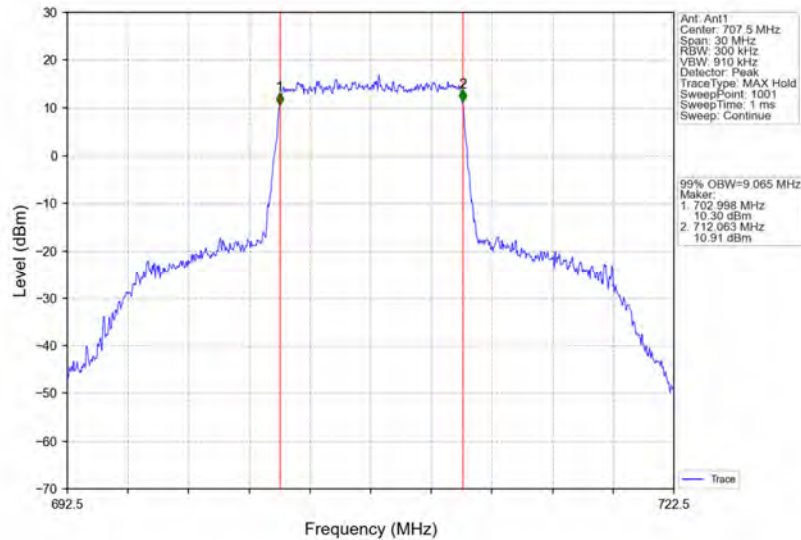
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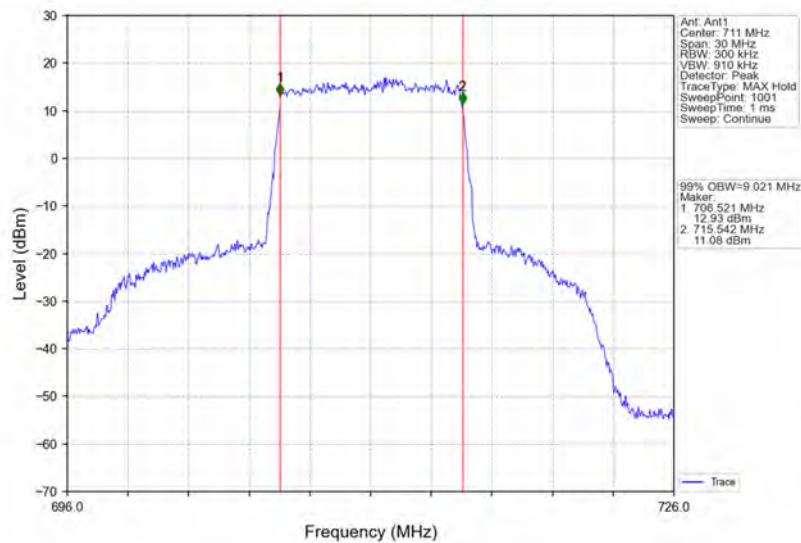
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4.2 Band12_XDB

4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset		
1.4	QPSK	699.7	6	0	1.340	Pass
		707.5	6	0	1.306	Pass
		715.3	6	0	1.326	Pass
	16QAM	699.7	6	0	1.304	Pass
		707.5	6	0	1.326	Pass
		715.3	6	0	1.318	Pass
	64QAM	699.7	6	0	1.336	Pass
		707.5	6	0	1.300	Pass
		715.3	6	0	1.321	Pass
3	QPSK	700.5	15	0	3.048	Pass
		707.5	15	0	3.034	Pass
		714.5	15	0	3.058	Pass
	16QAM	700.5	15	0	3.039	Pass
		707.5	15	0	3.056	Pass
		714.5	15	0	3.035	Pass
	64QAM	700.5	15	0	3.033	Pass
		707.5	15	0	3.041	Pass
		714.5	15	0	3.049	Pass
5	QPSK	701.5	25	0	5.122	Pass
		707.5	25	0	5.064	Pass
		713.5	25	0	5.065	Pass
	16QAM	701.5	25	0	5.051	Pass
		707.5	25	0	5.091	Pass
		713.5	25	0	5.118	Pass
	64QAM	701.5	25	0	5.081	Pass
		707.5	25	0	5.089	Pass
		713.5	25	0	5.053	Pass
10	QPSK	704	50	0	10.062	Pass
		707.5	50	0	10.036	Pass
		711	50	0	10.013	Pass
	16QAM	704	50	0	10.023	Pass
		707.5	50	0	9.956	Pass
		711	50	0	10.029	Pass
	64QAM	704	50	0	9.964	Pass
		707.5	50	0	9.999	Pass
		711	50	0	9.991	Pass



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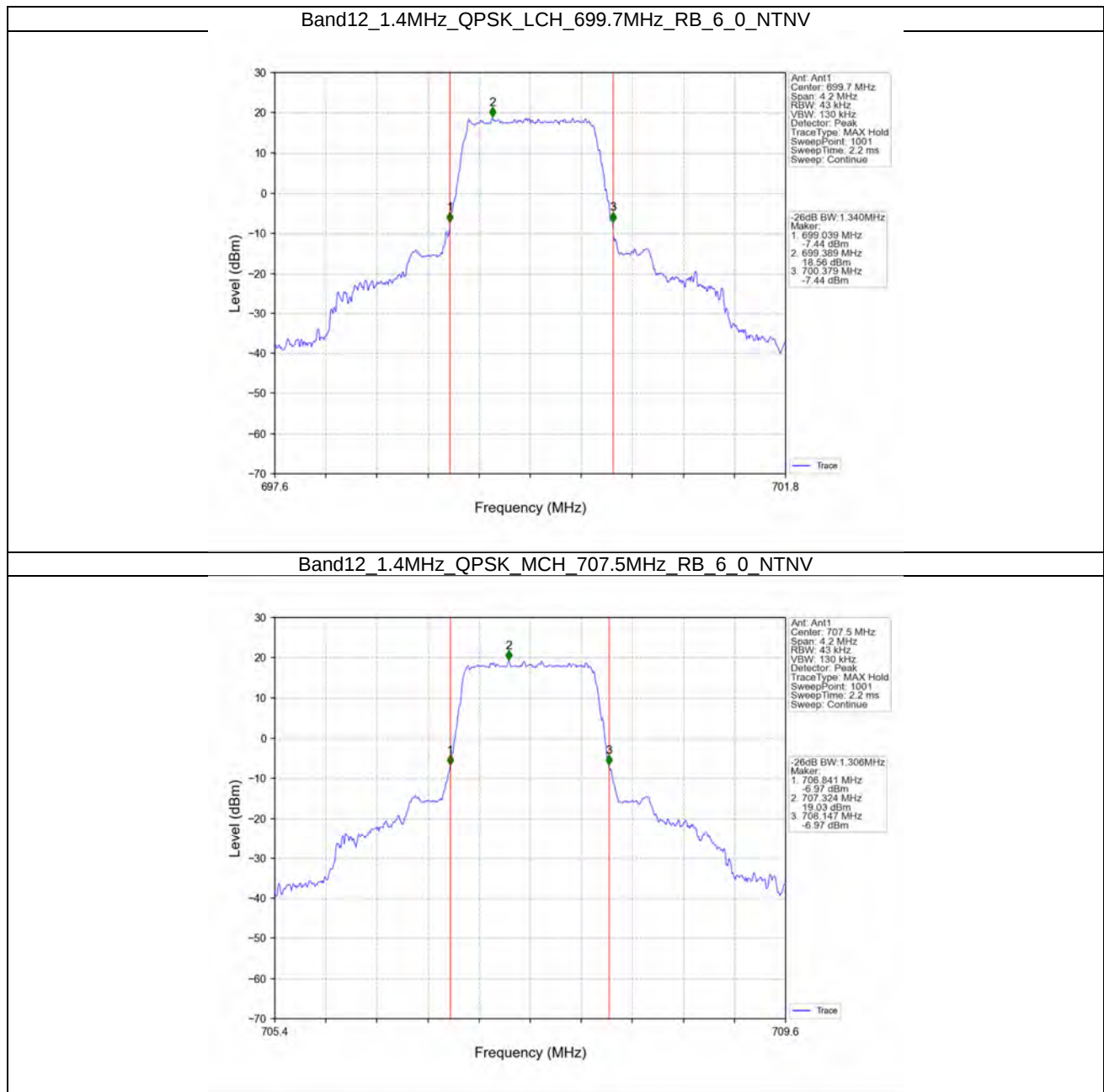
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4.2.2 Test Graph



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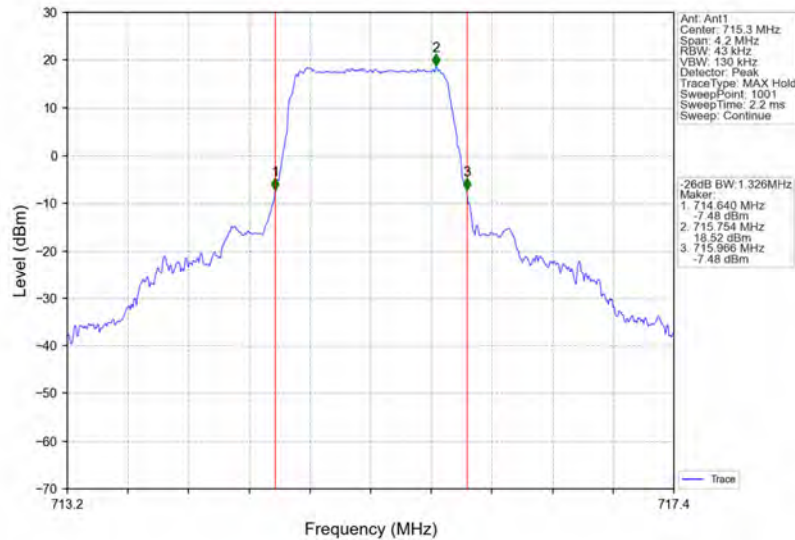
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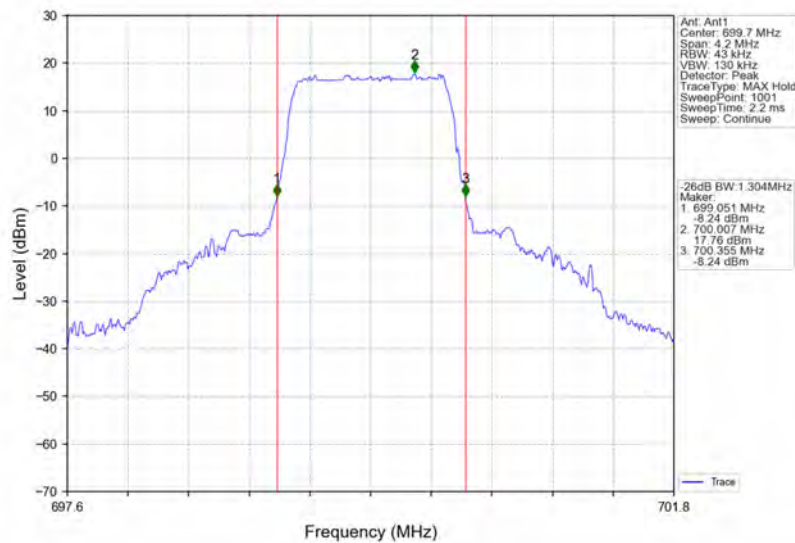
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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



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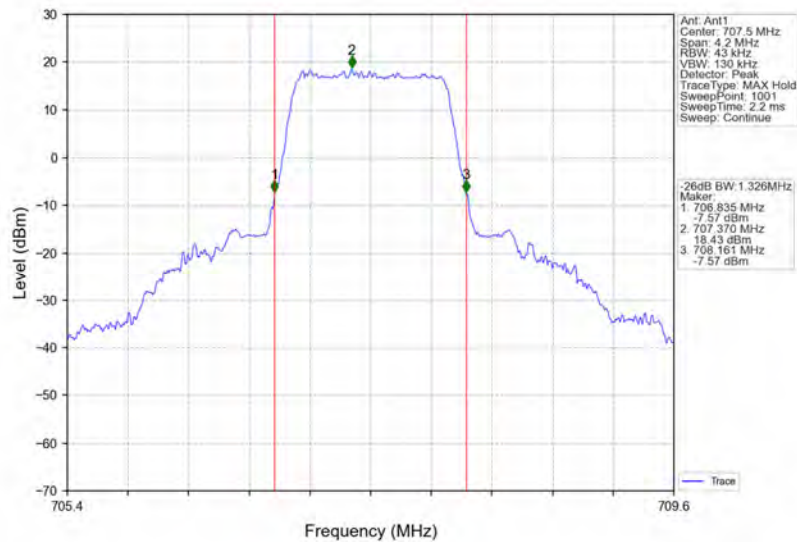
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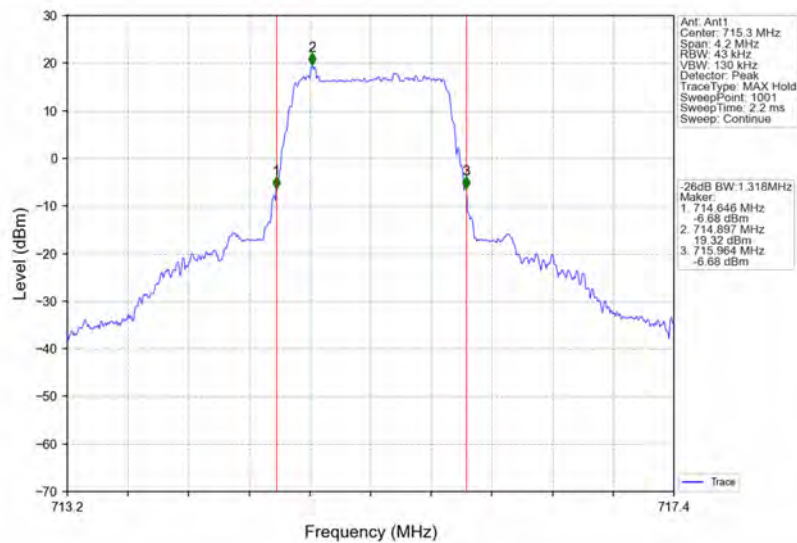
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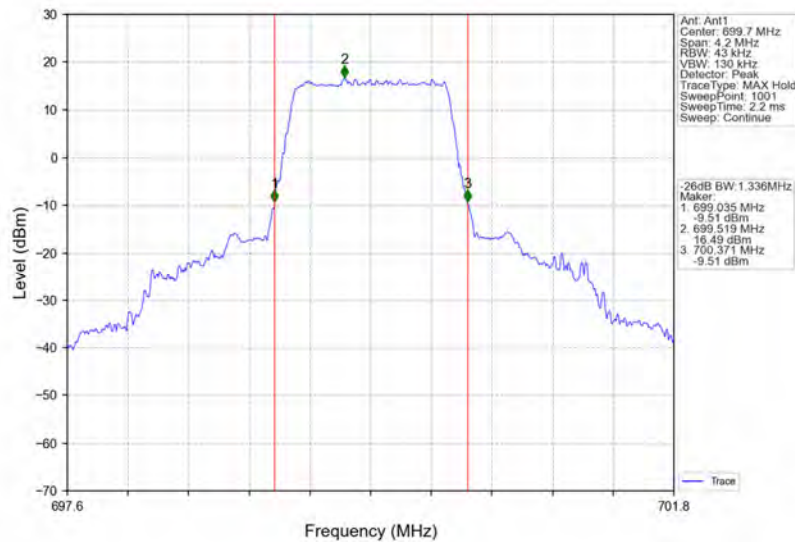
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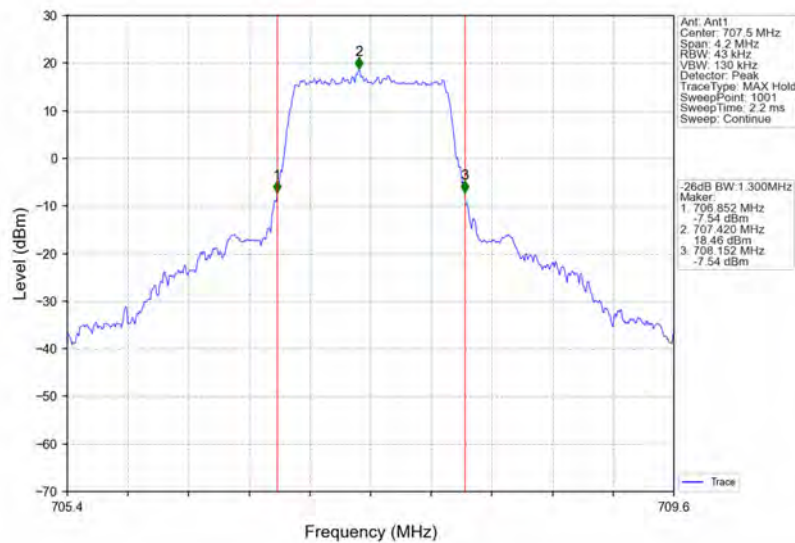
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Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



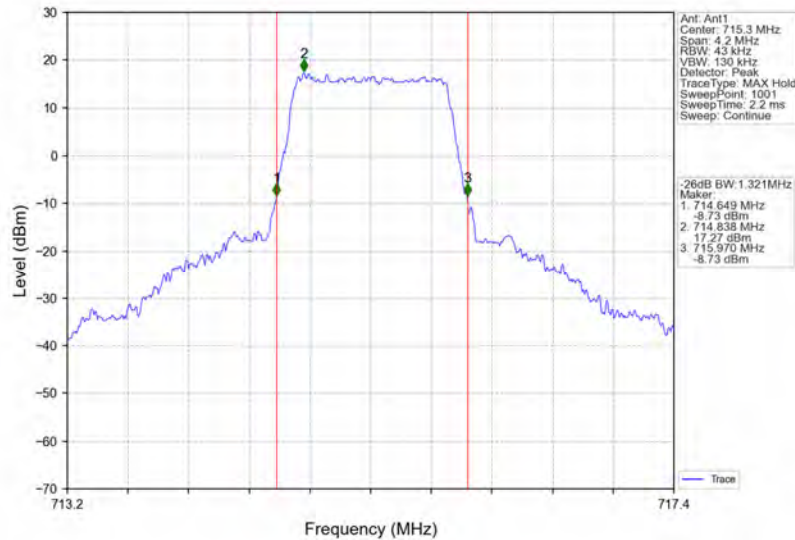
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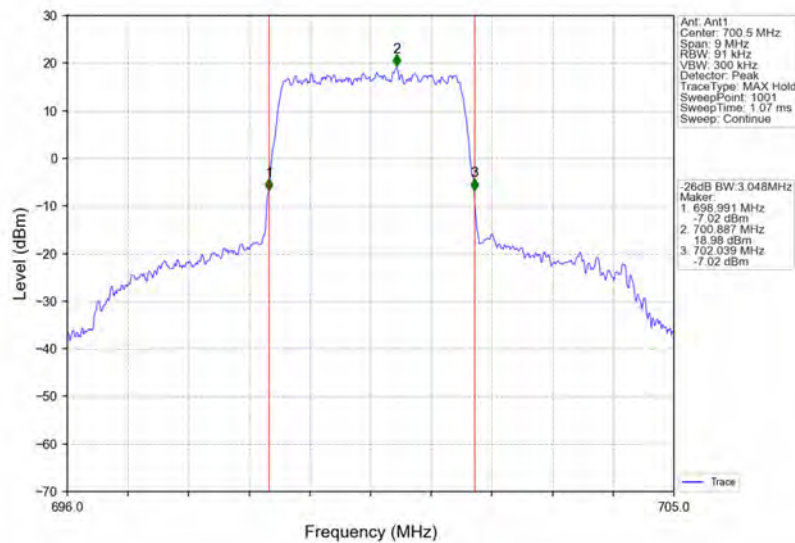
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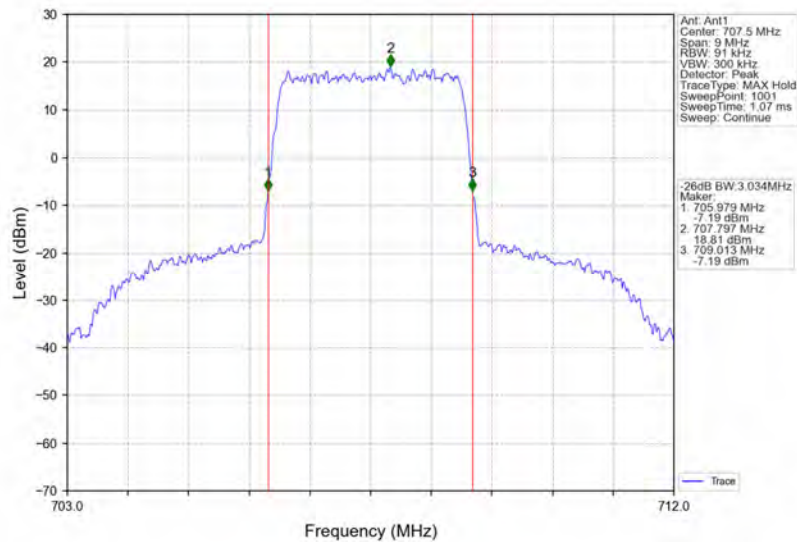
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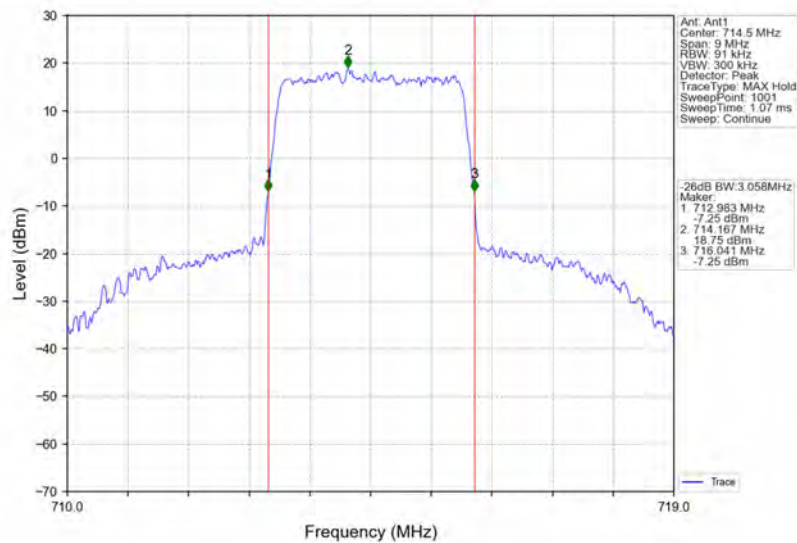
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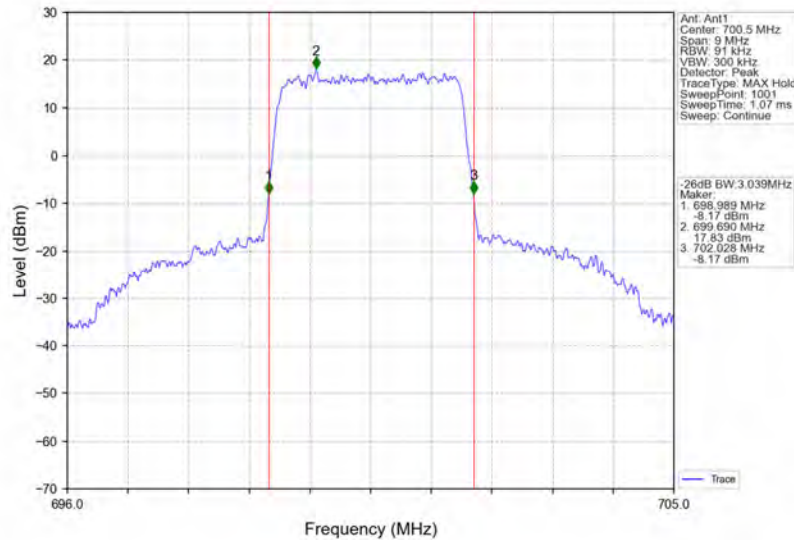
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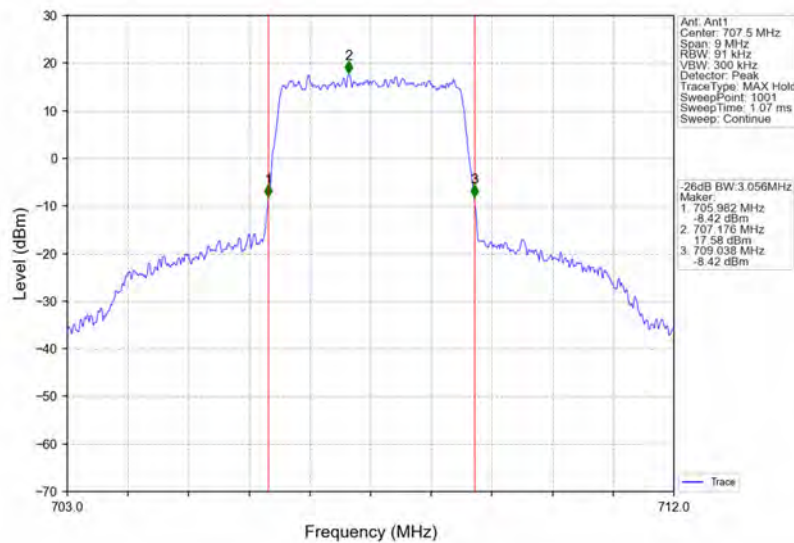
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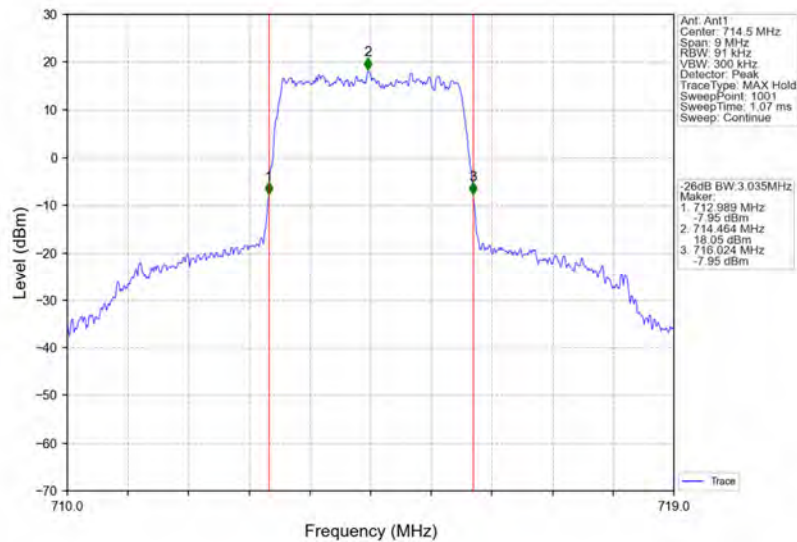
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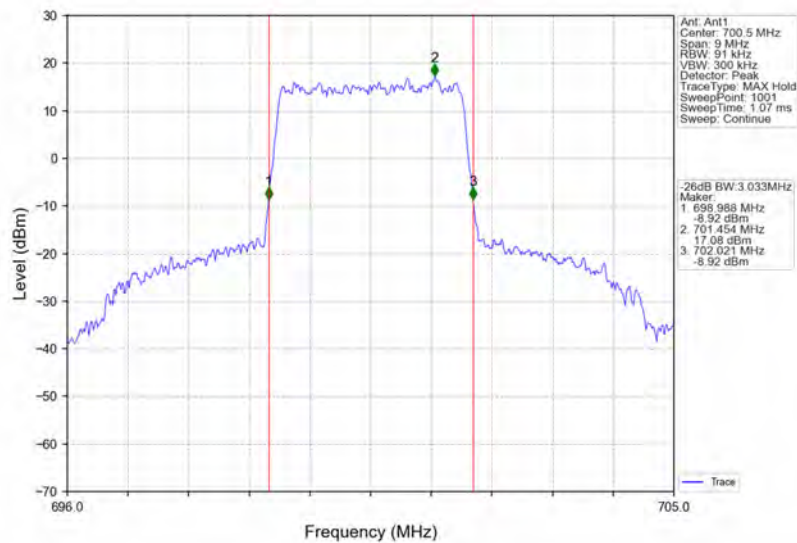
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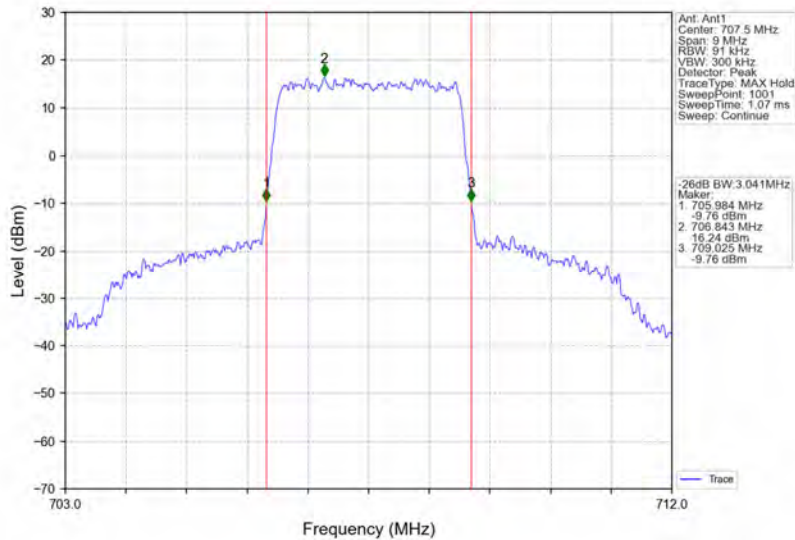


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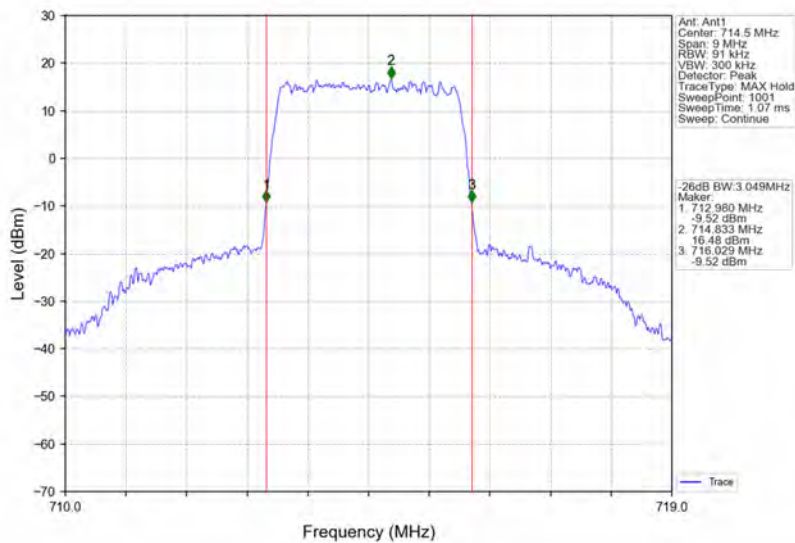
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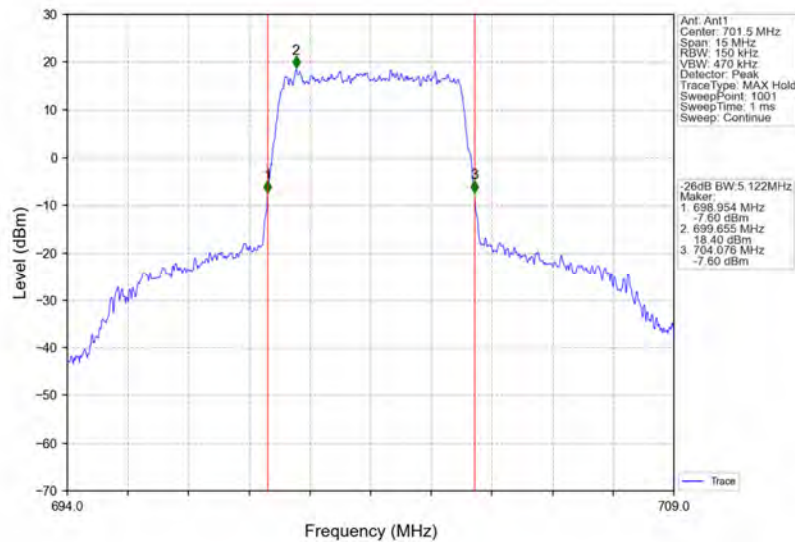
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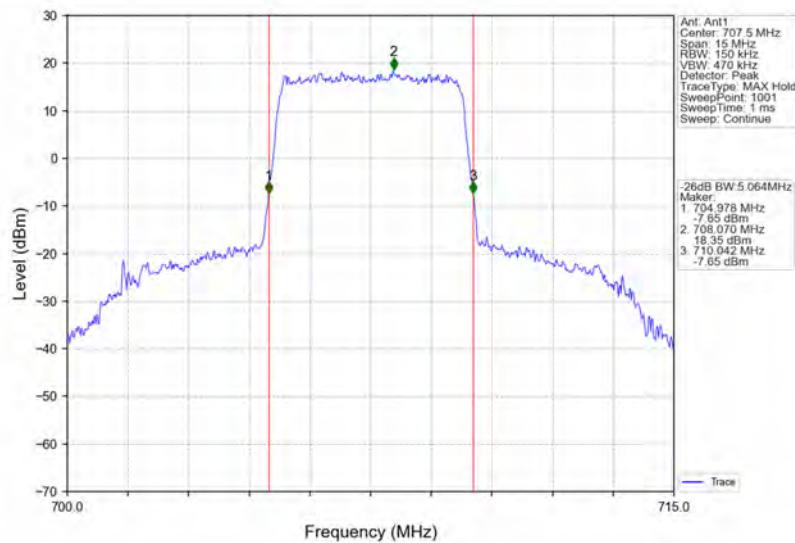
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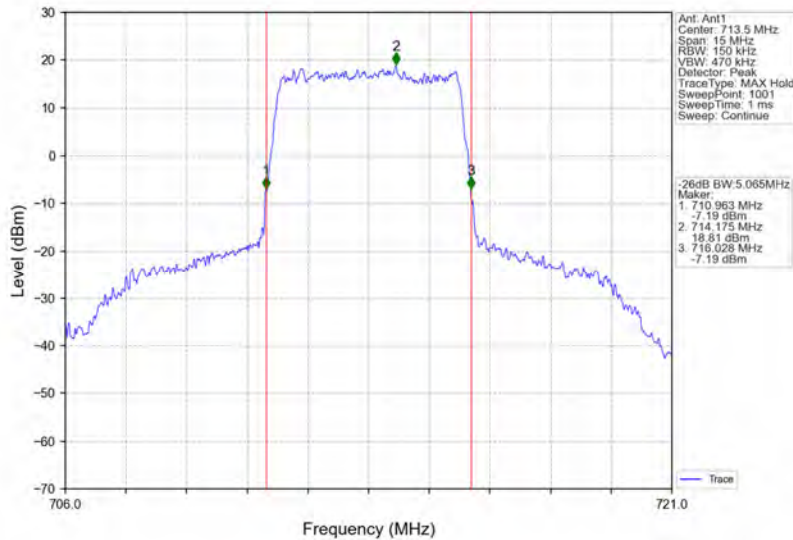
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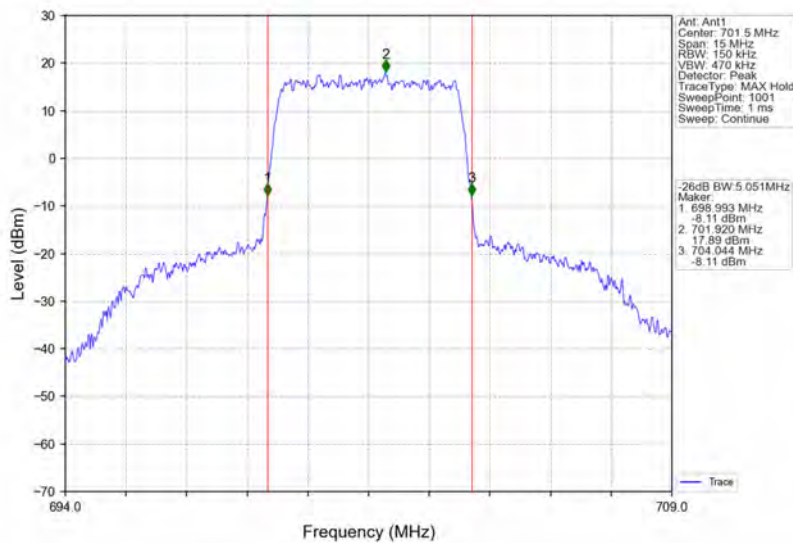
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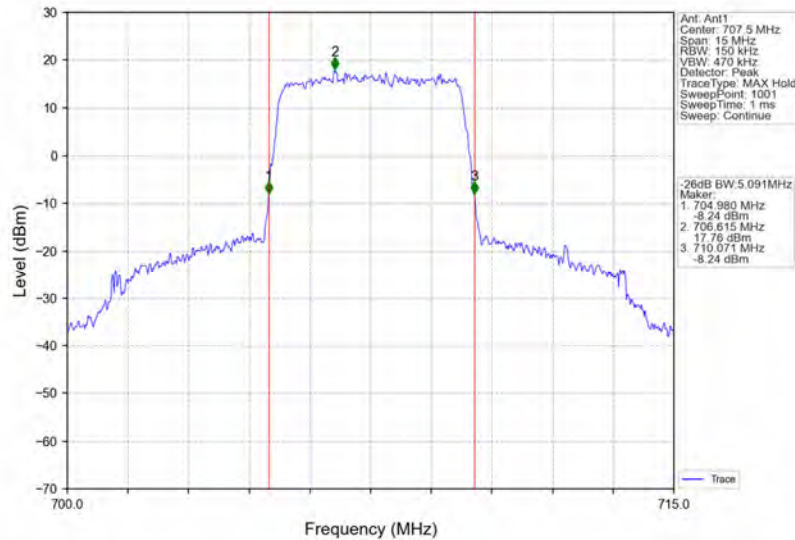
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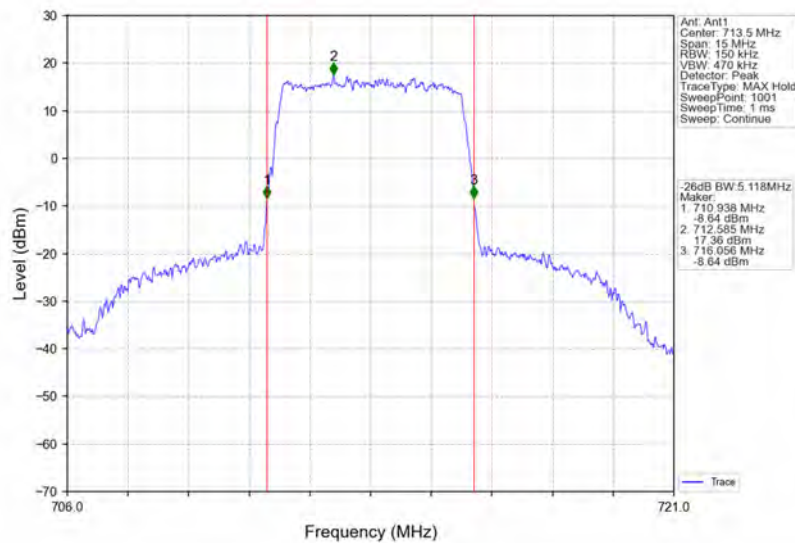
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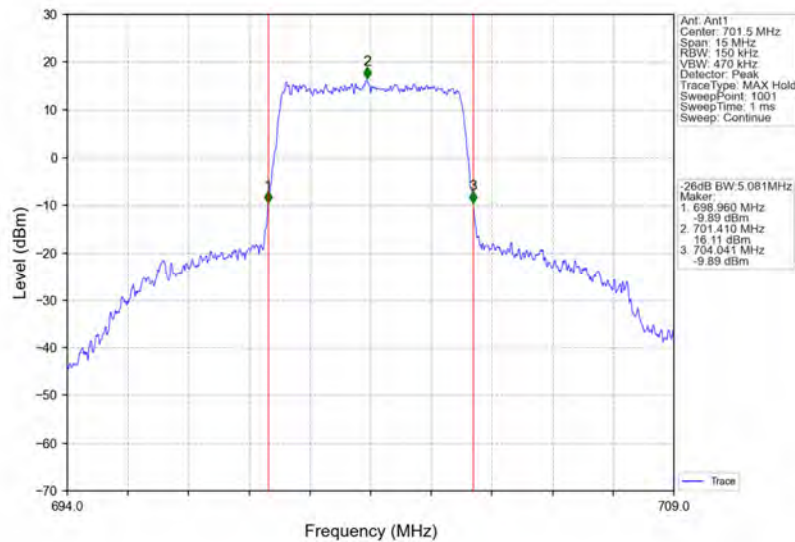
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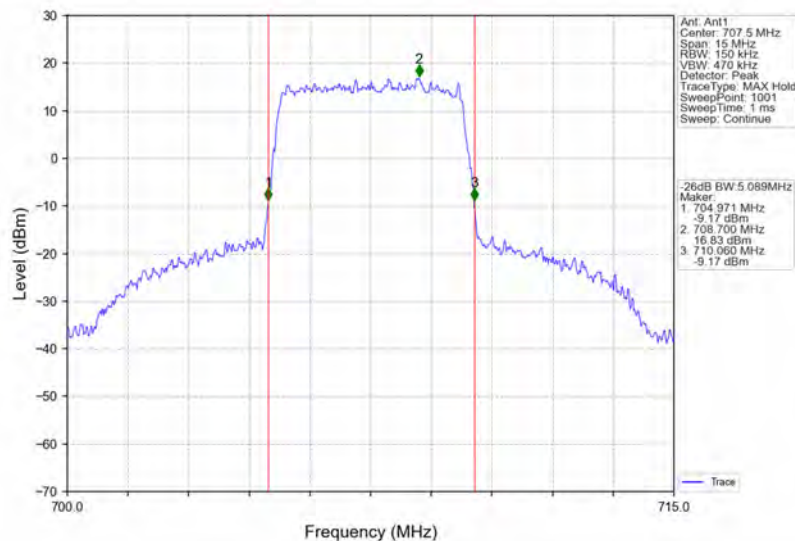
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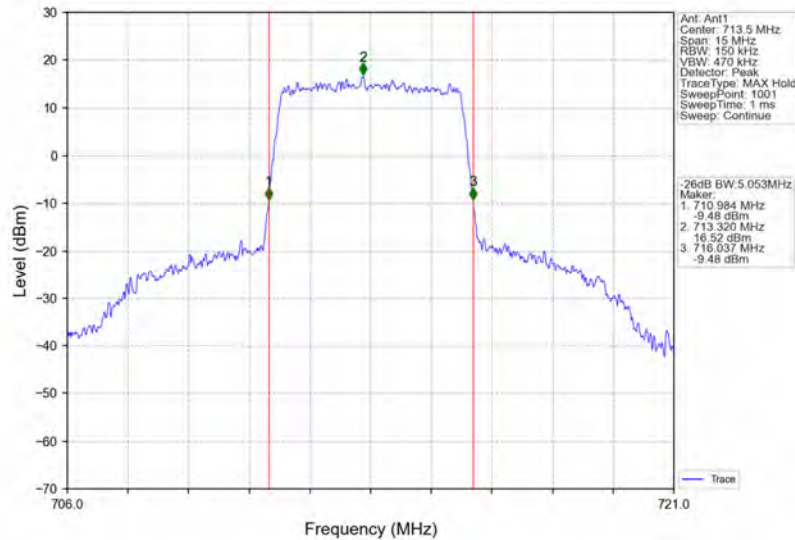
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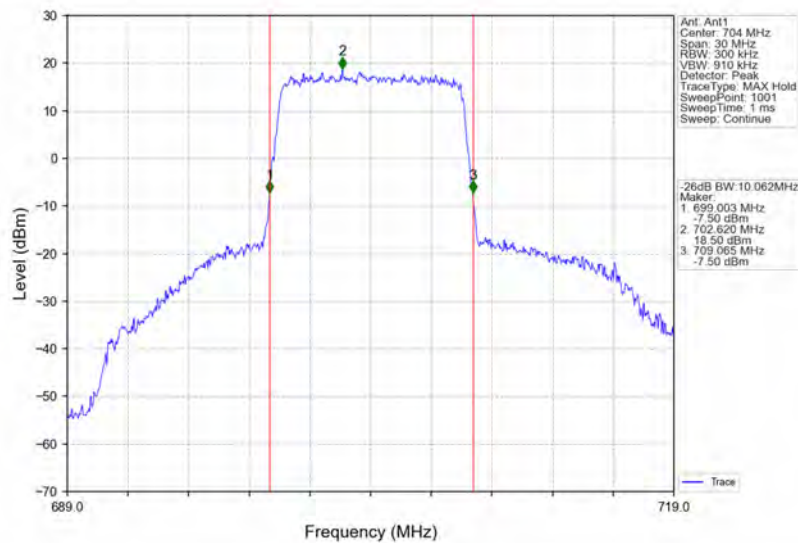
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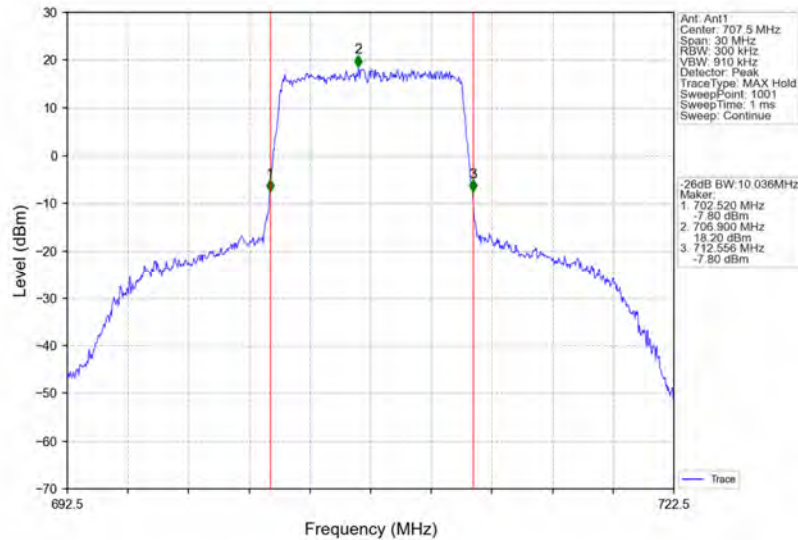
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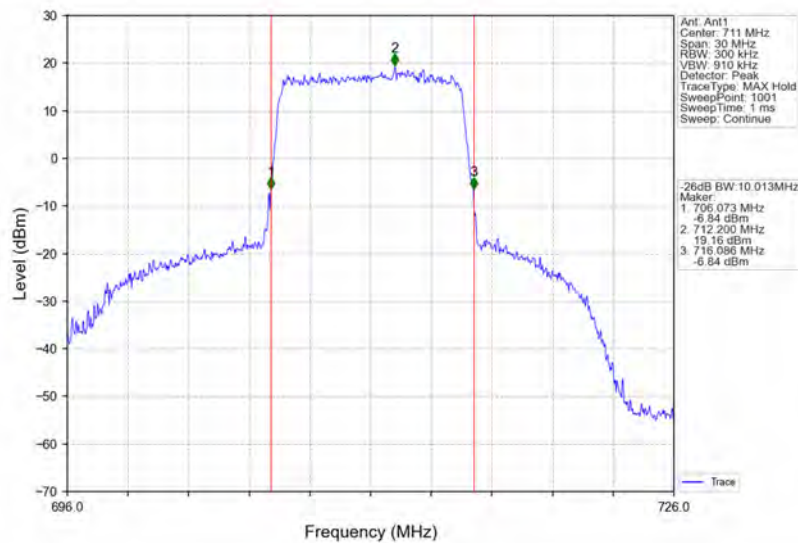
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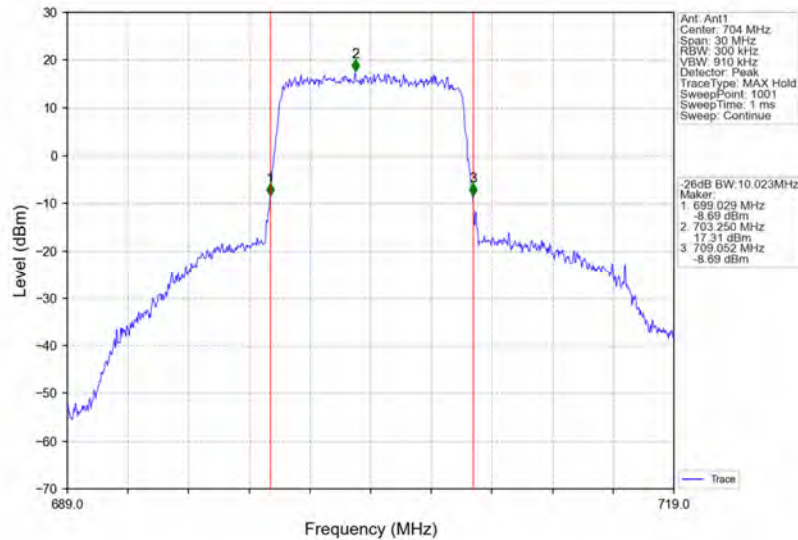
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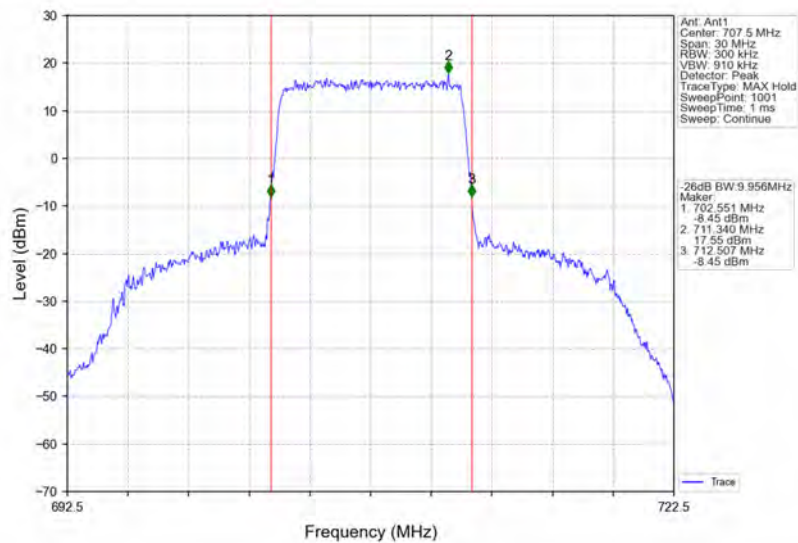
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Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



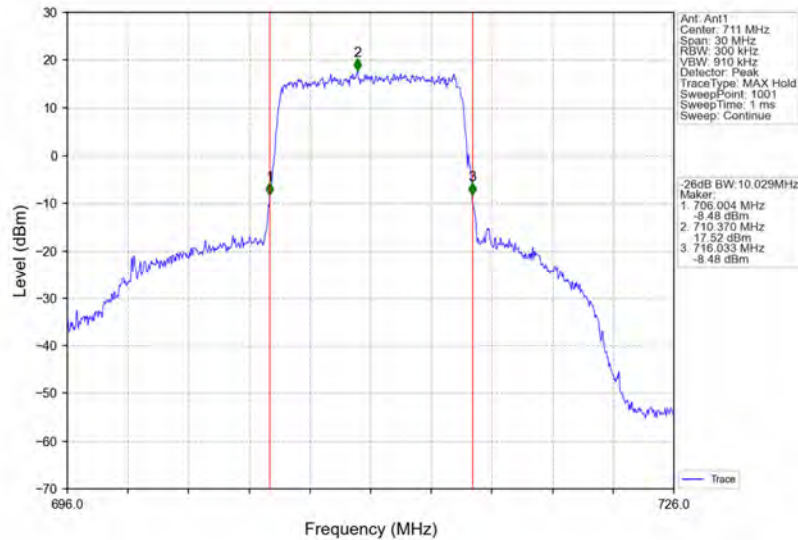
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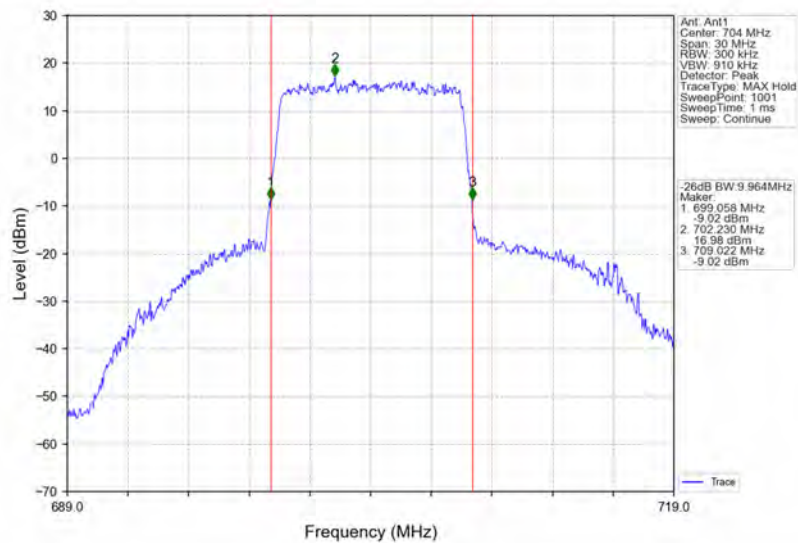
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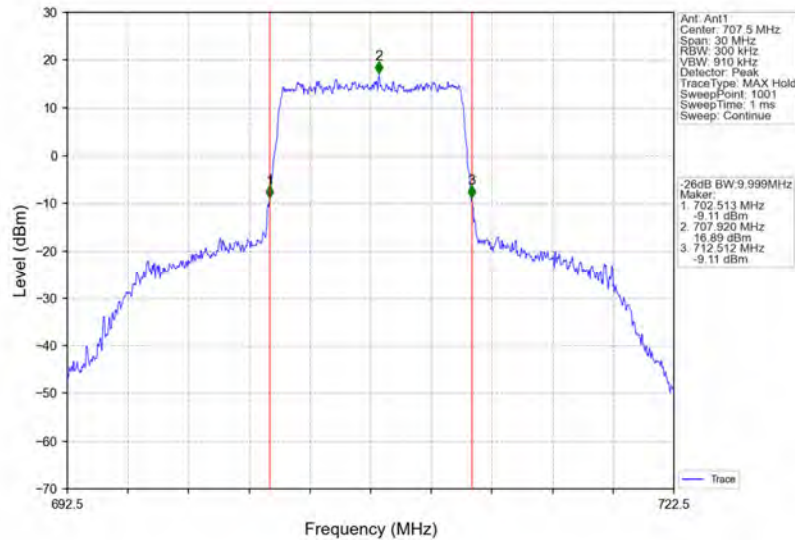
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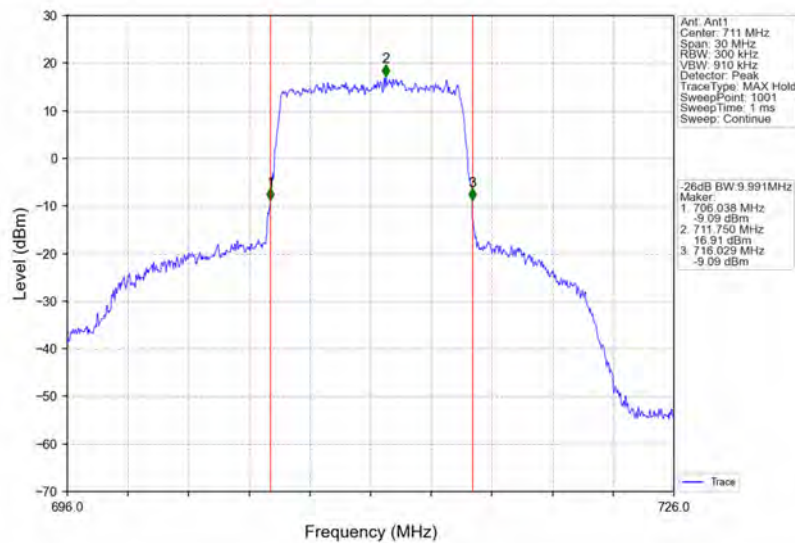
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5. Peak-Average Ratio

5.1 B12_1.4MHz

5.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.63	<=13	Pass
	707.5	6	0	5.68	<=13	Pass
	715.3	6	0	5.56	<=13	Pass
16QAM	699.7	6	0	6.57	<=13	Pass
	707.5	6	0	6.59	<=13	Pass
	715.3	6	0	6.44	<=13	Pass
64QAM	699.7	6	0	6.94	<=13	Pass
	707.5	6	0	7.24	<=13	Pass
	715.3	6	0	7.08	<=13	Pass



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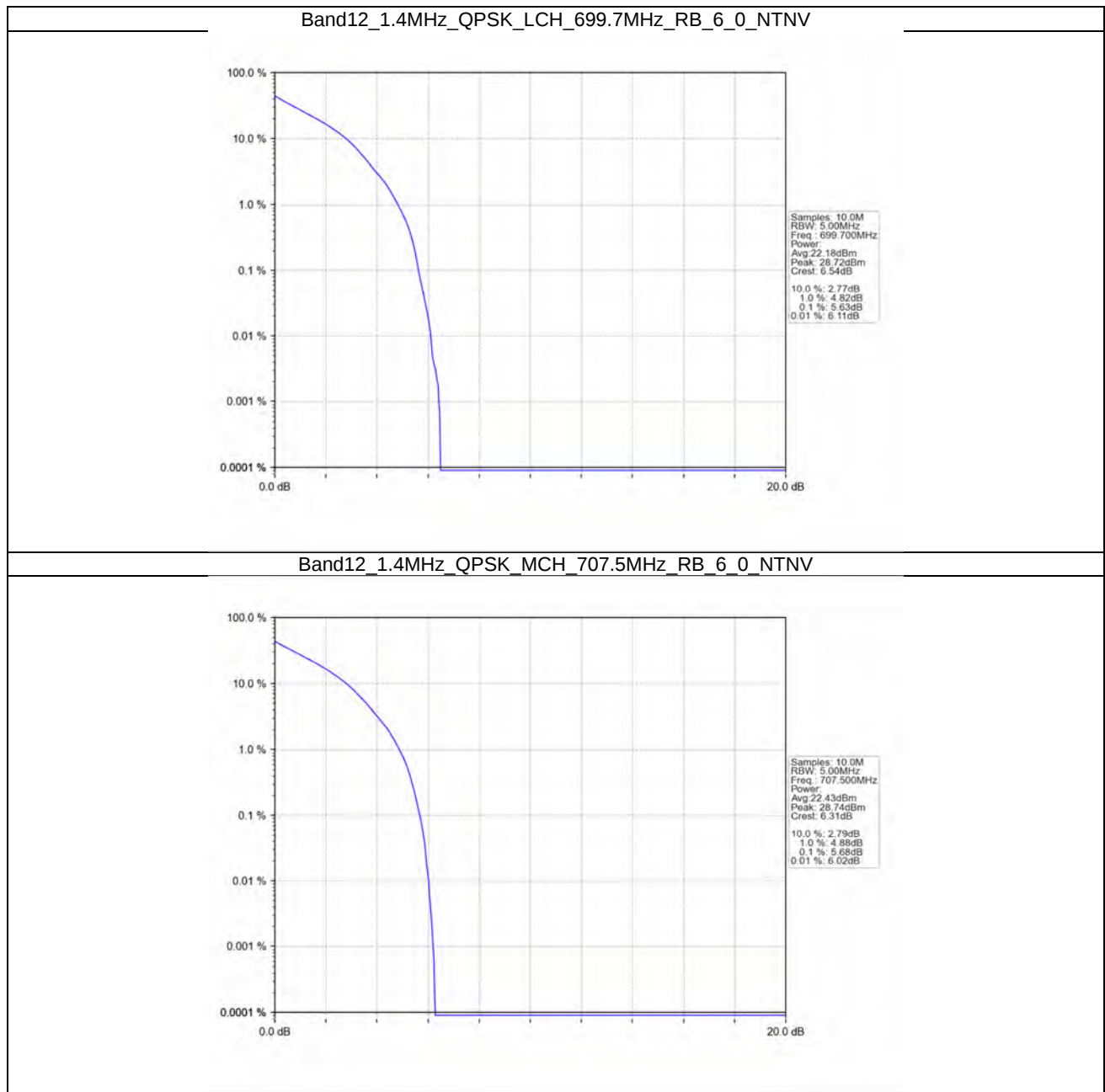
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5.1.2 Test Graph



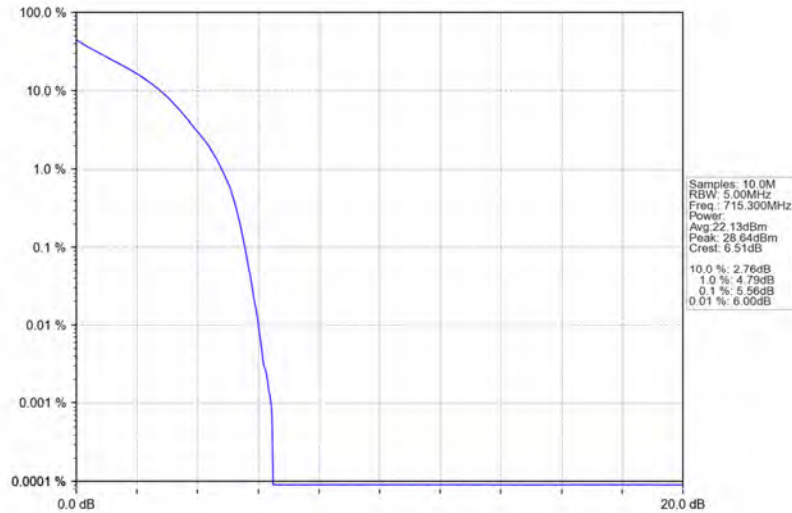
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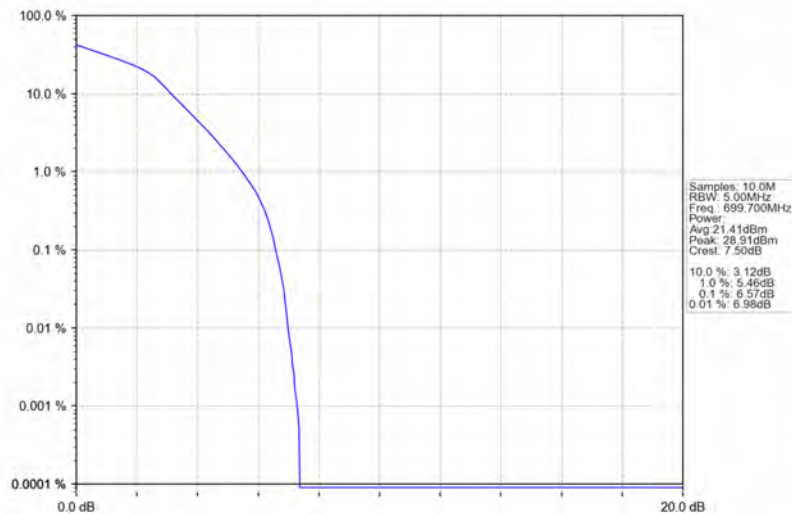
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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



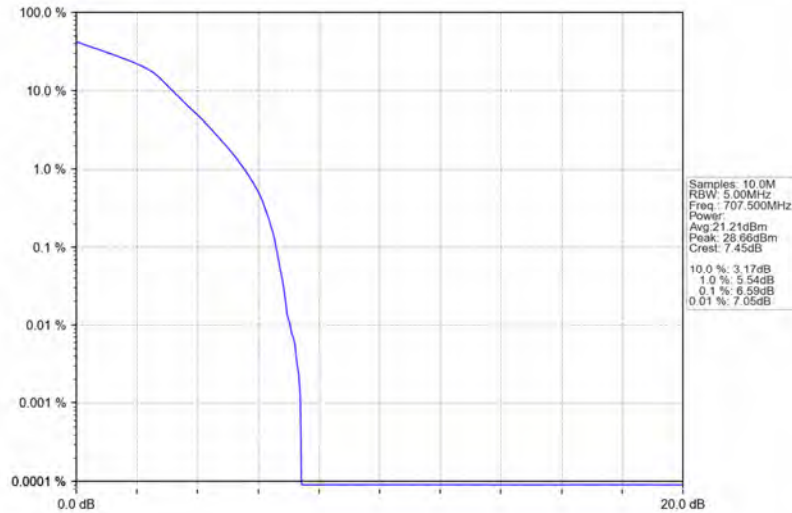
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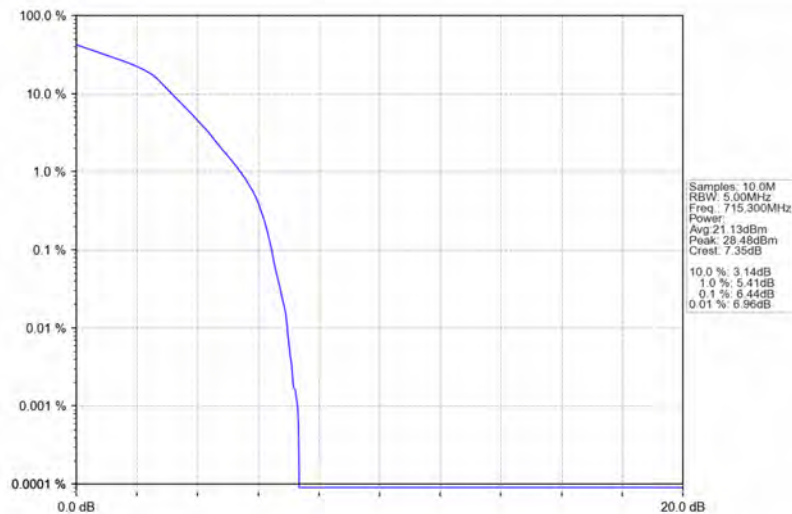
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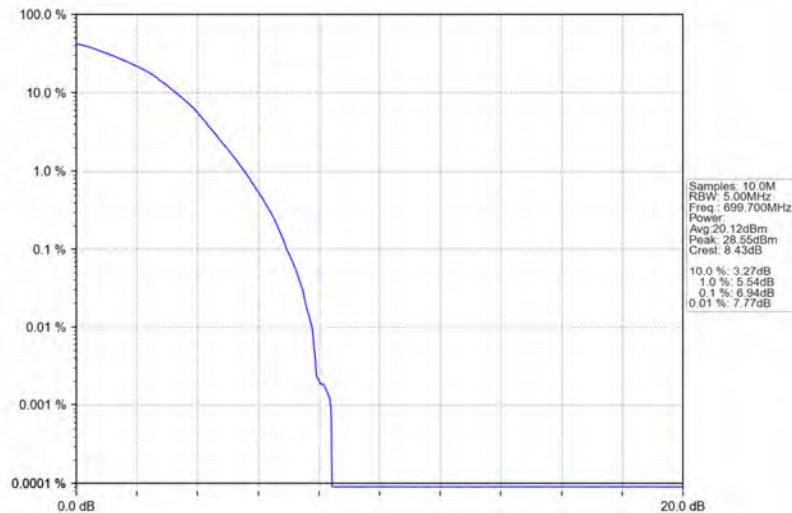
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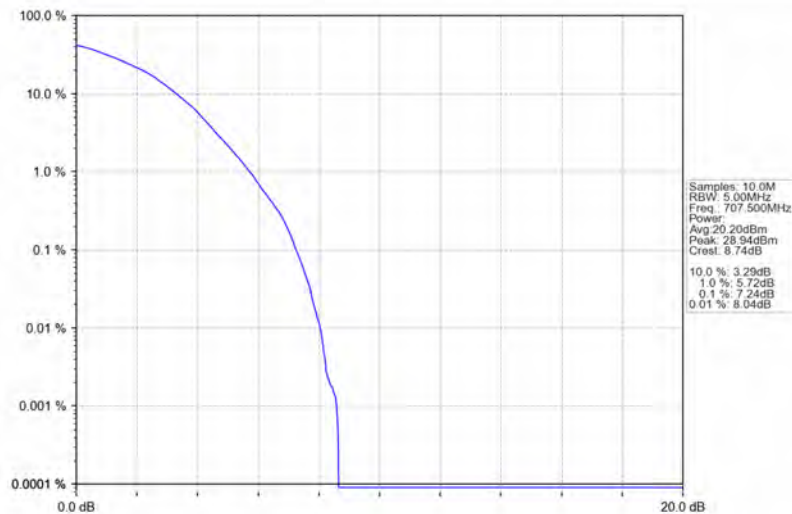
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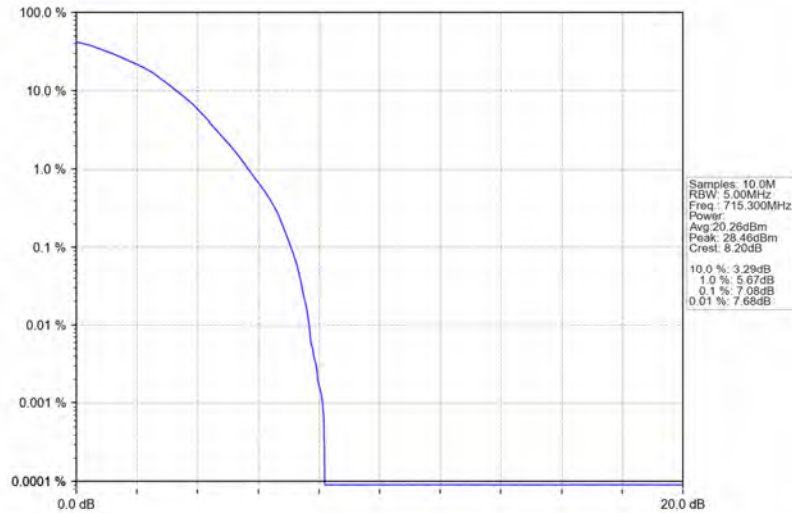
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5.2 B12_3MHz

5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.62	<=13	Pass
	707.5	15	0	5.62	<=13	Pass
	714.5	15	0	5.59	<=13	Pass
16QAM	700.5	15	0	6.55	<=13	Pass
	707.5	15	0	6.58	<=13	Pass
	714.5	15	0	6.50	<=13	Pass
64QAM	700.5	15	0	7.10	<=13	Pass
	707.5	15	0	7.07	<=13	Pass
	714.5	15	0	7.14	<=13	Pass



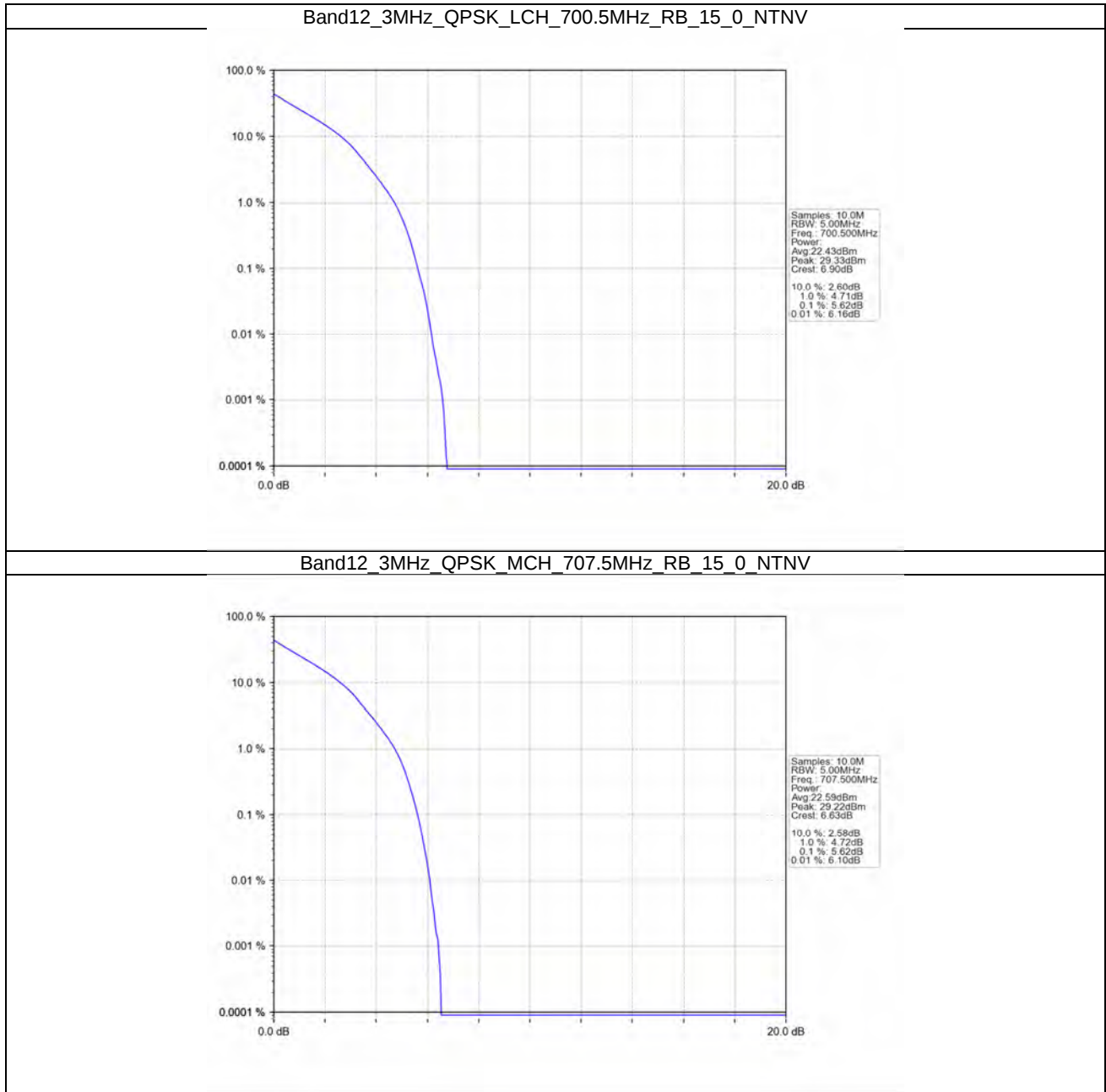
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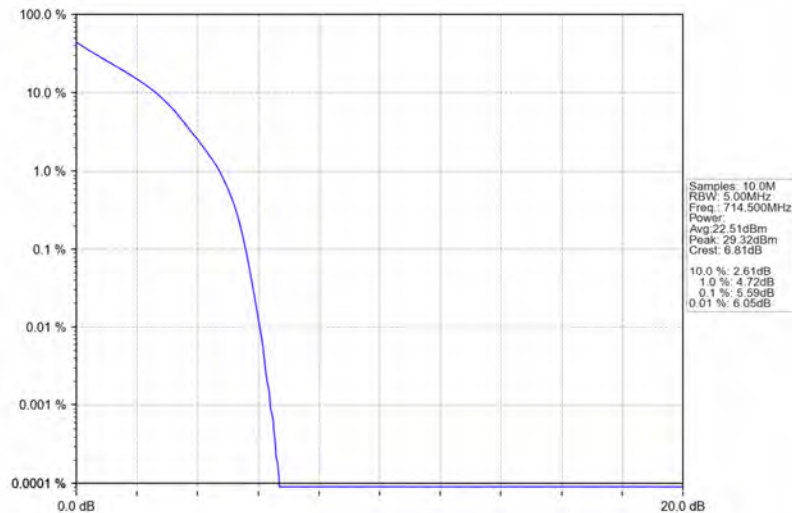
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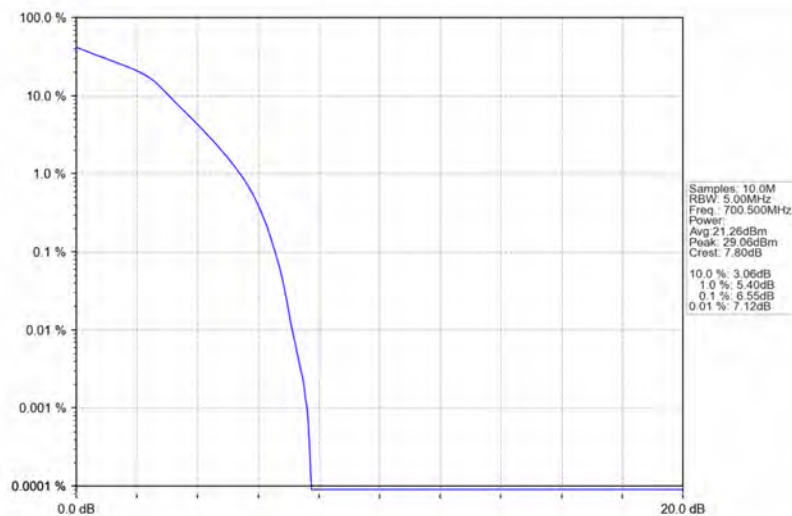
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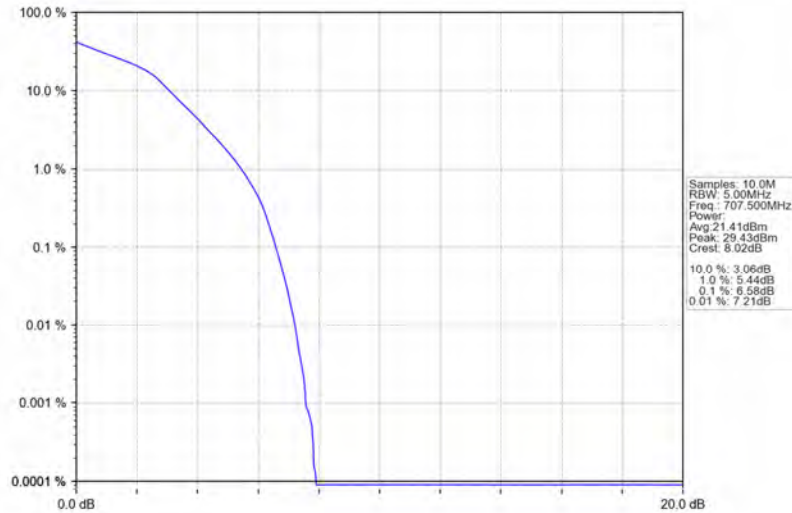
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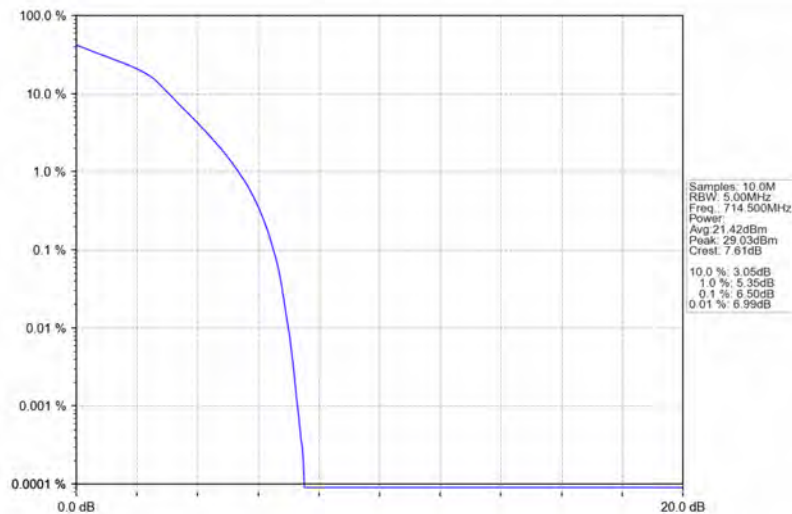
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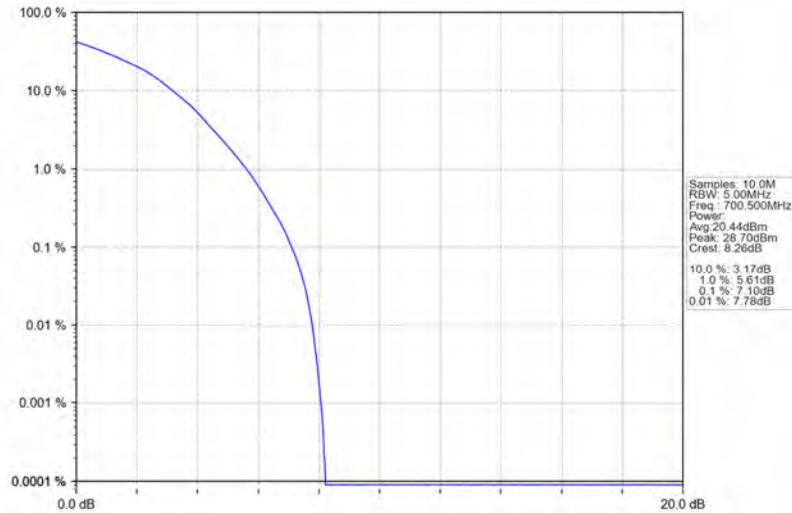
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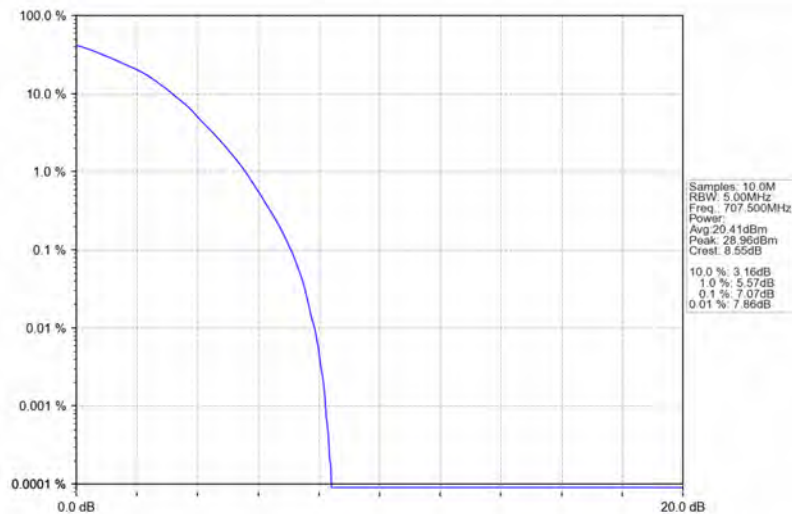
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Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV

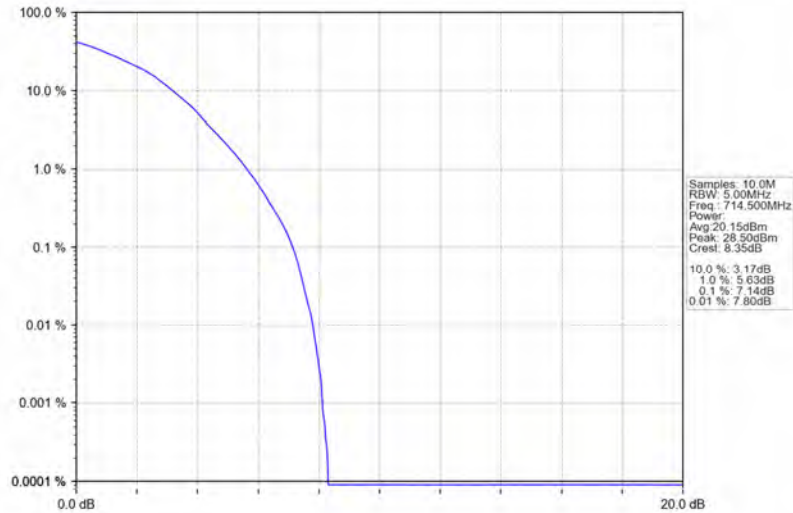


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5.3 B12_5MHz

5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.42	<=13	Pass
	707.5	25	0	5.46	<=13	Pass
	713.5	25	0	5.37	<=13	Pass
16QAM	701.5	25	0	6.34	<=13	Pass
	707.5	25	0	6.35	<=13	Pass
	713.5	25	0	6.27	<=13	Pass
64QAM	701.5	25	0	6.89	<=13	Pass
	707.5	25	0	6.89	<=13	Pass
	713.5	25	0	6.84	<=13	Pass



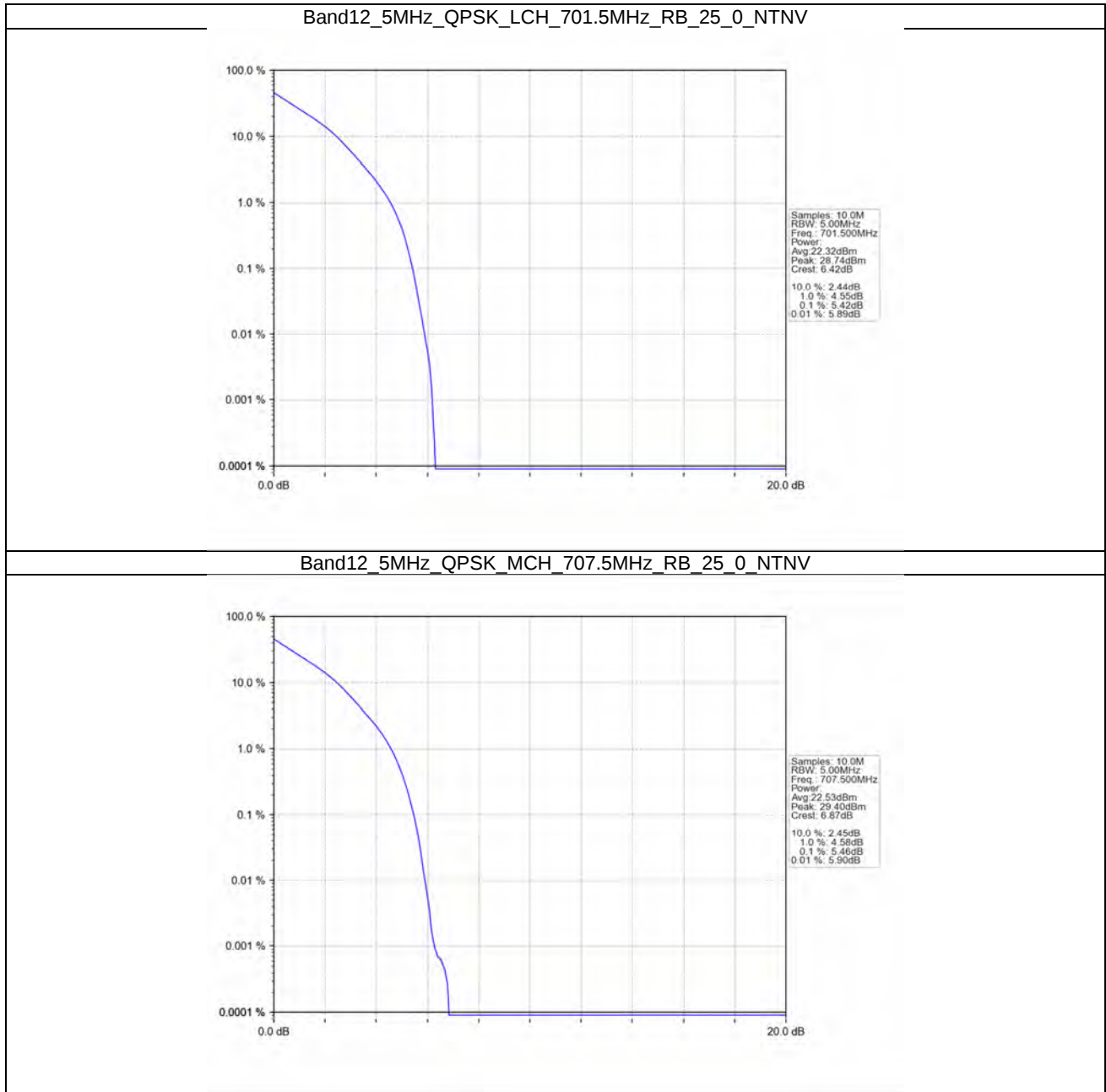
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5.3.2 Test Graph



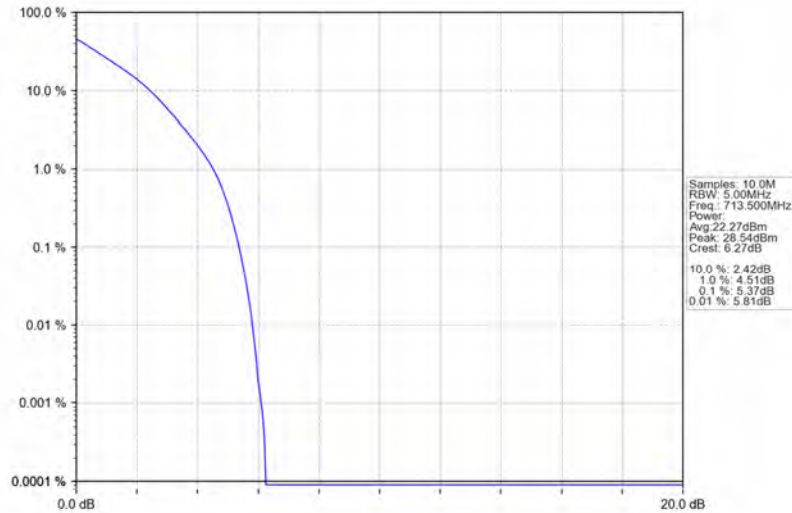
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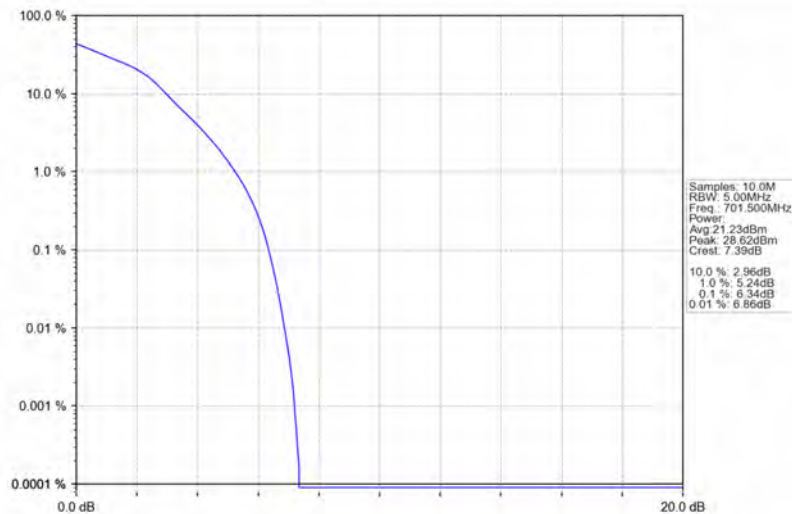
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



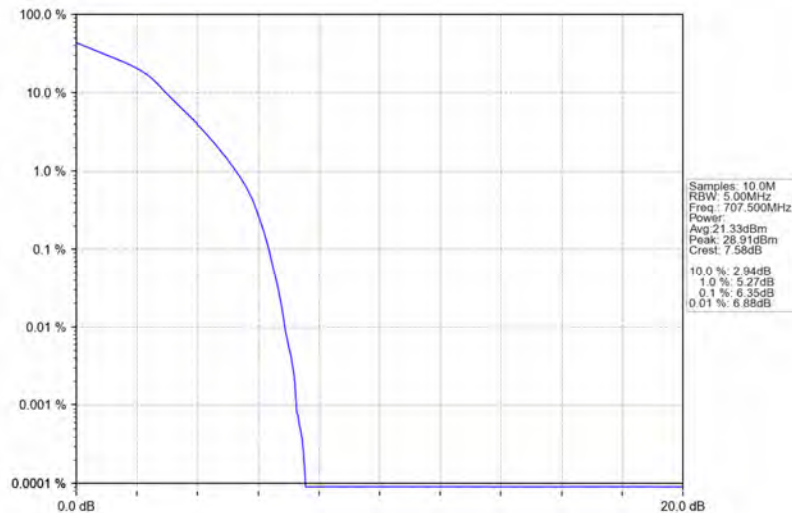
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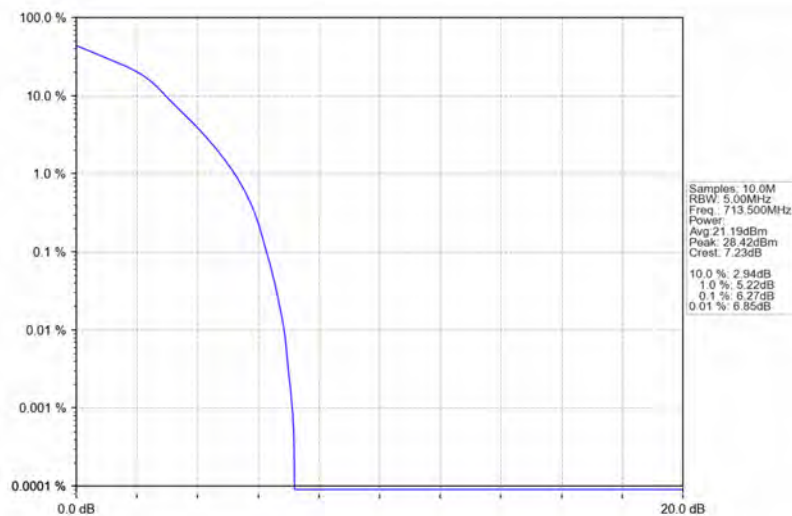
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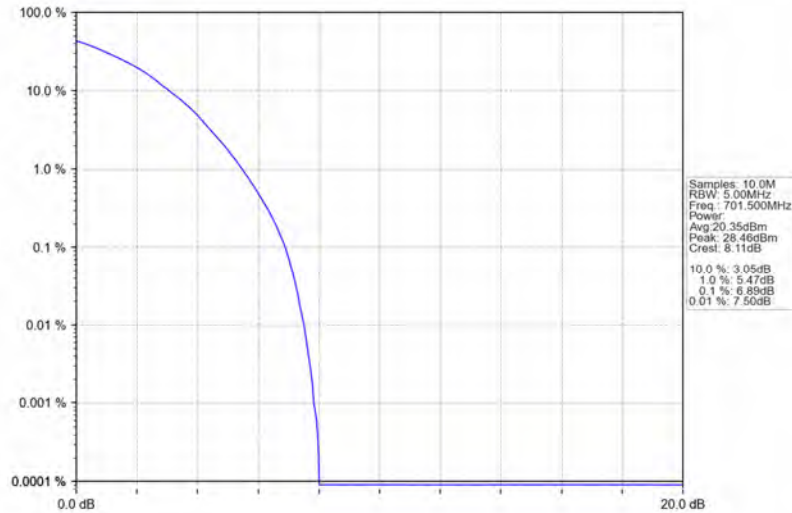
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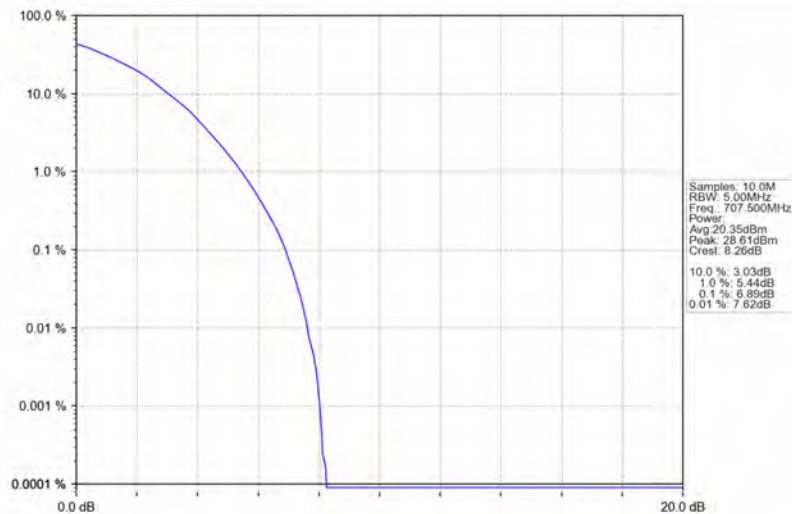
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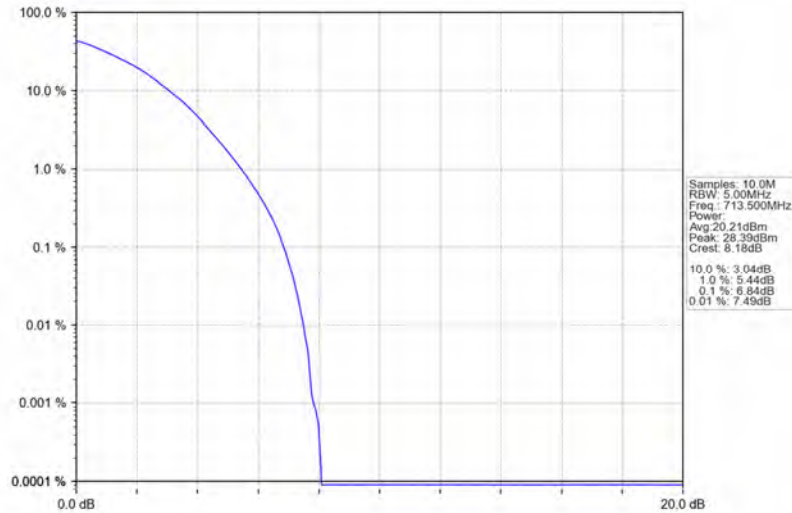
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5.4 B12_10MHz

5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.97	<=13	Pass
	707.5	50	0	6.00	<=13	Pass
	711	50	0	6.12	<=13	Pass
16QAM	704	50	0	6.97	<=13	Pass
	707.5	50	0	6.86	<=13	Pass
	711	50	0	6.93	<=13	Pass
64QAM	704	50	0	7.21	<=13	Pass
	707.5	50	0	7.18	<=13	Pass
	711	50	0	7.11	<=13	Pass



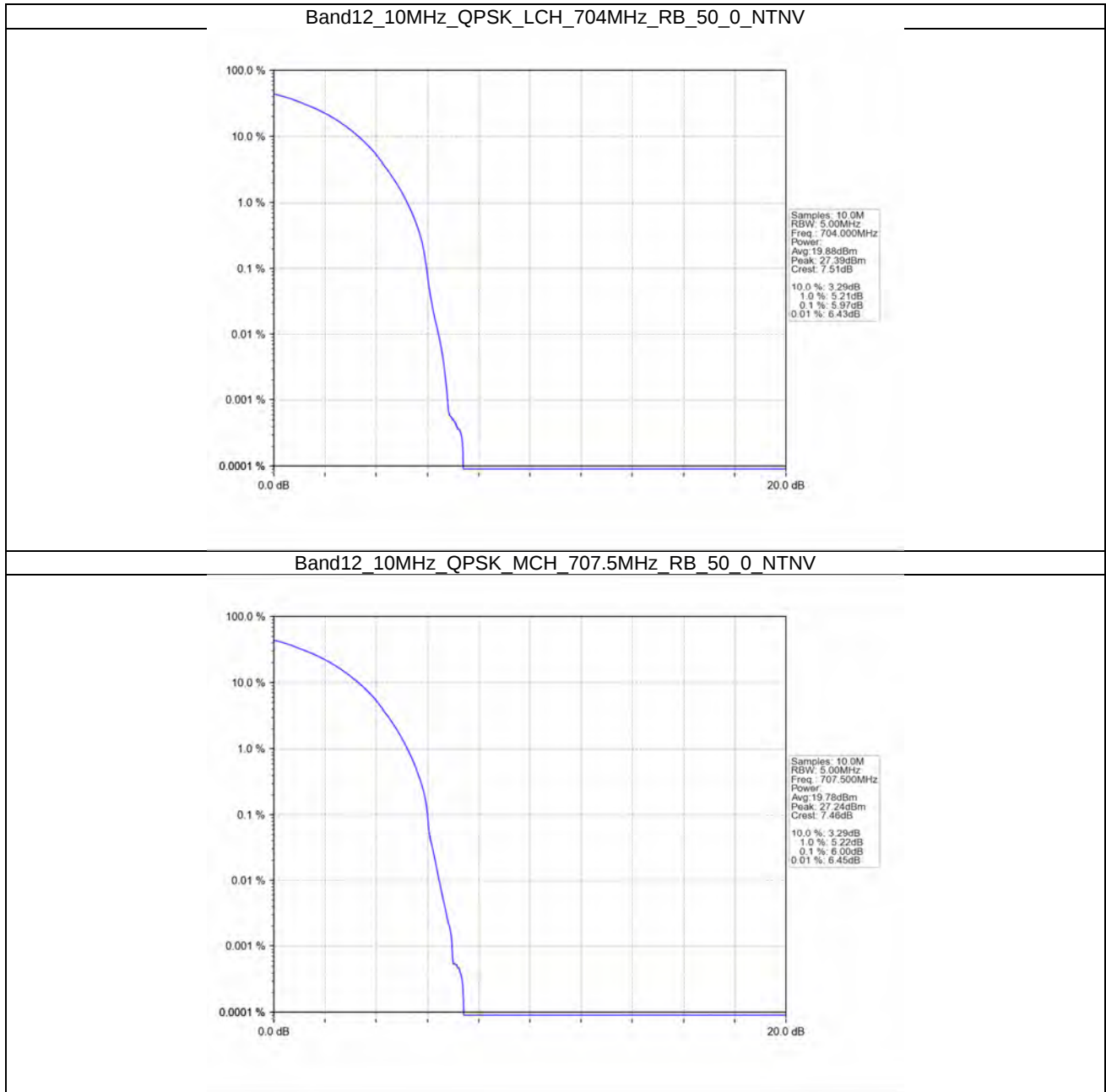
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5.4.2 Test Graph



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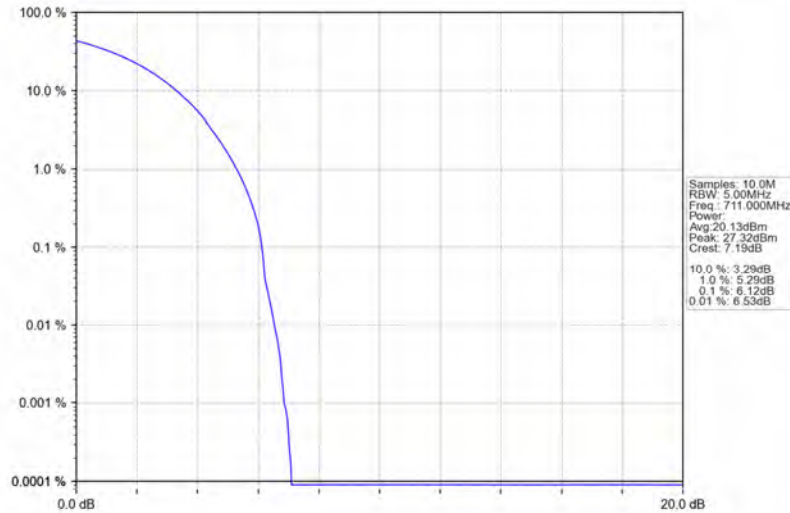
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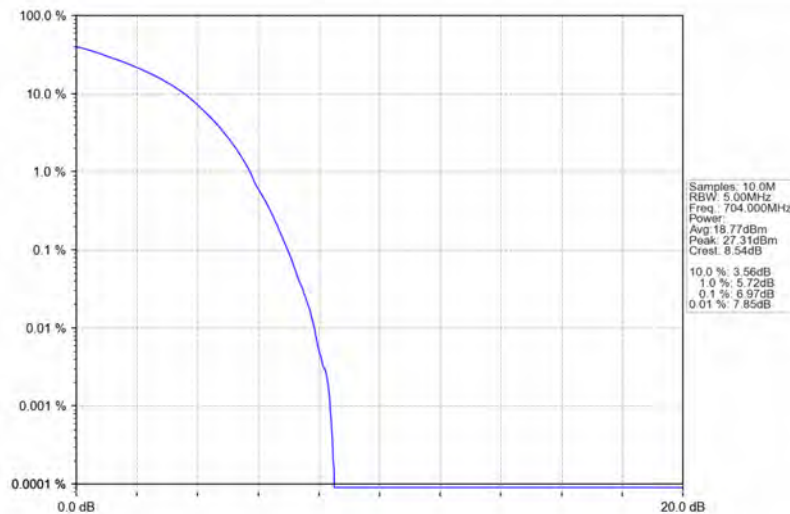
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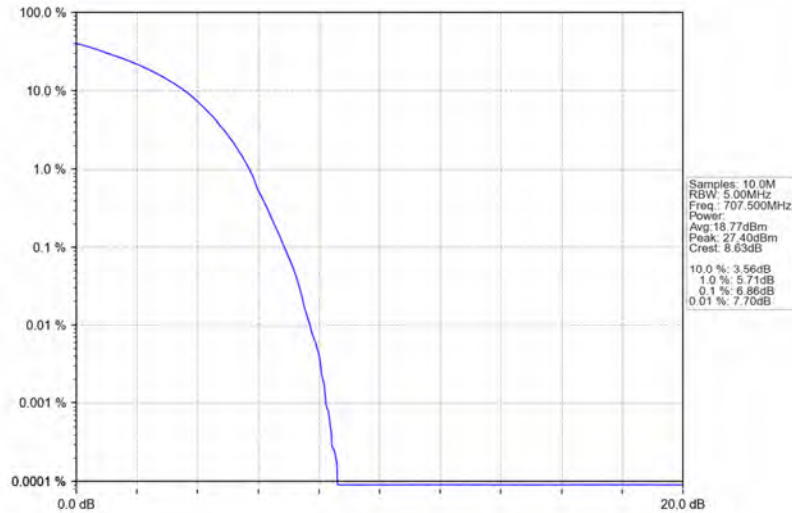
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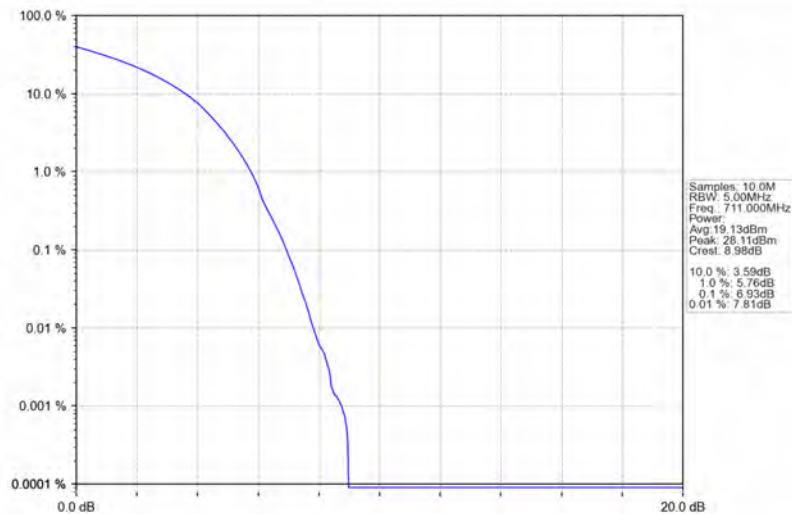
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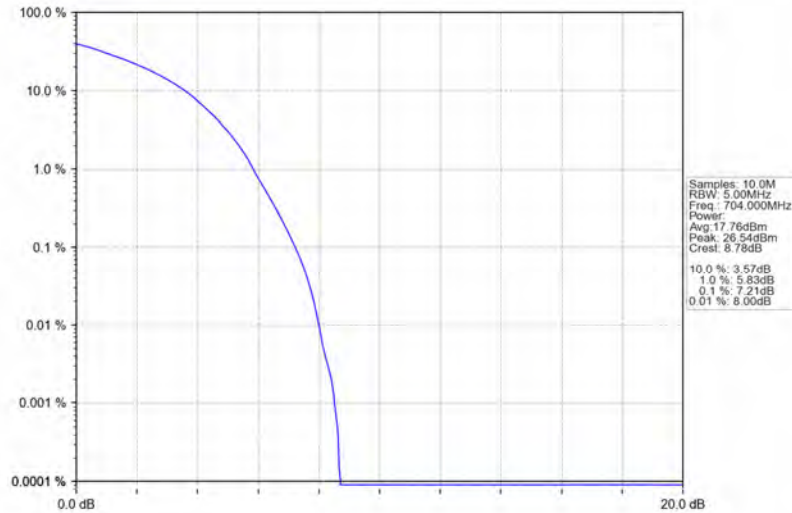
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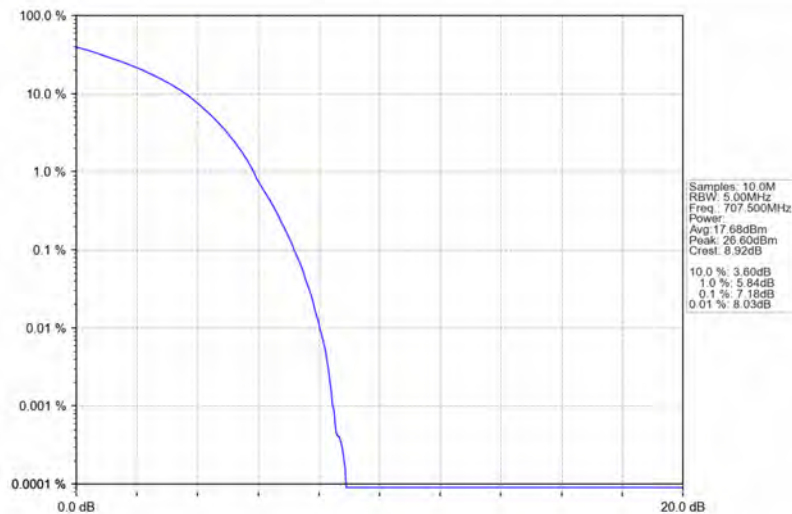
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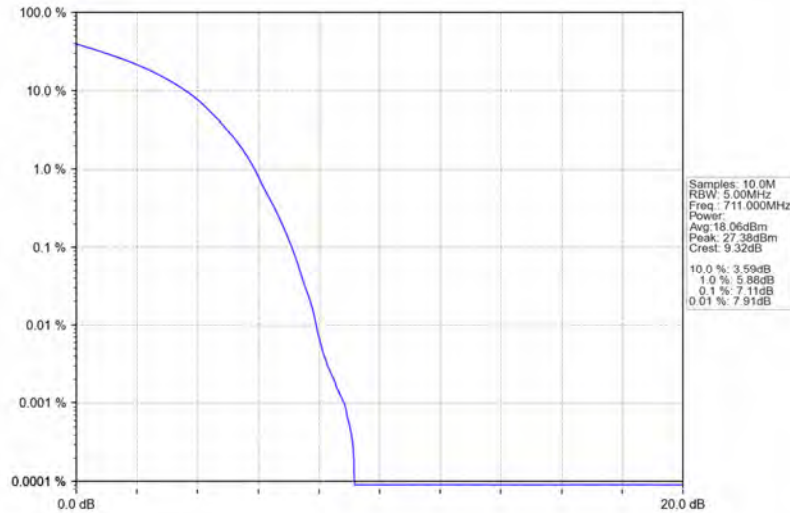
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Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



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6. Spurious Emission

6.1 B12_1.4MHz

6.1.1 Test Result

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
16QAM	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
64QAM	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



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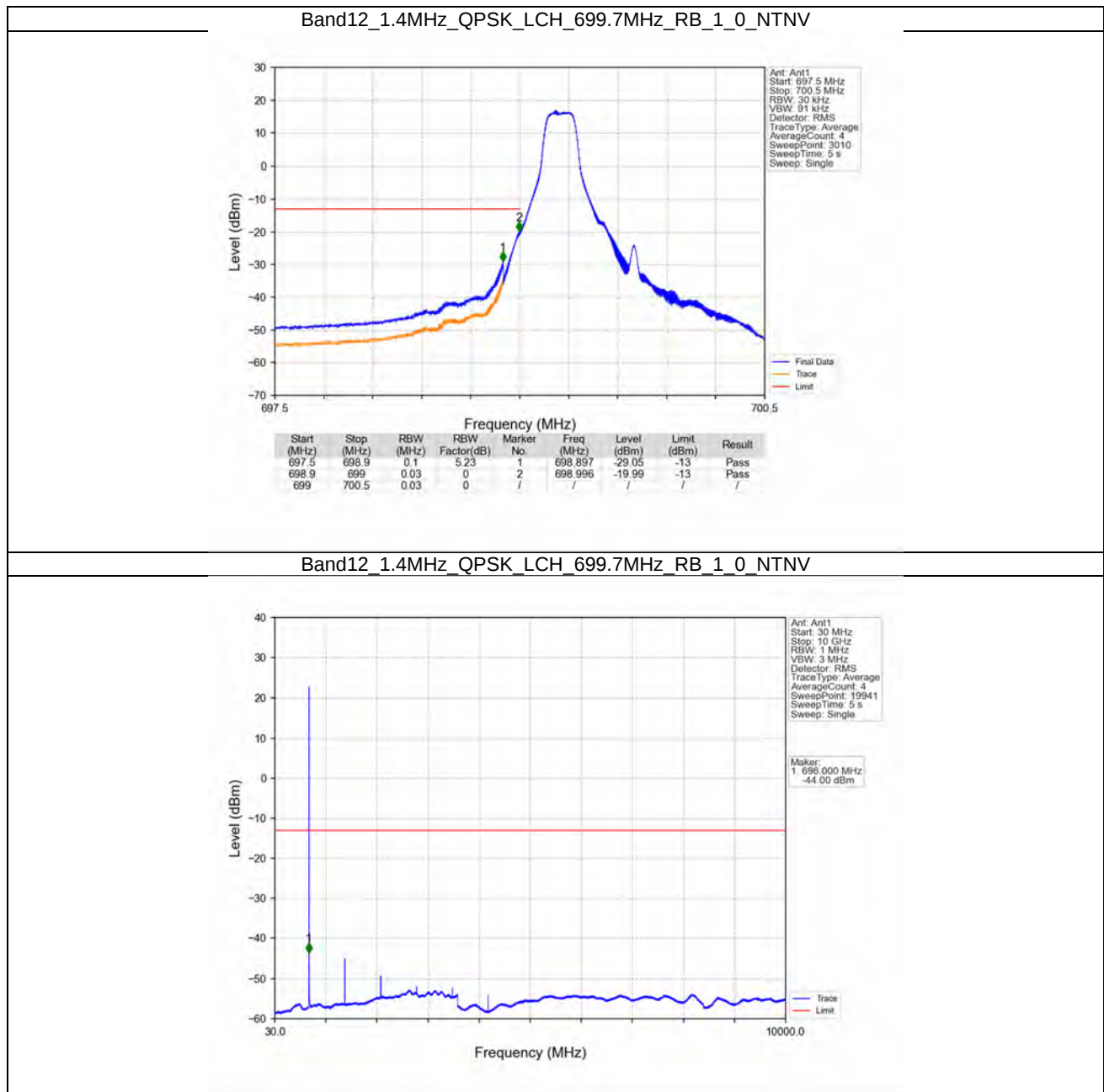
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6.1.2 Test Graph



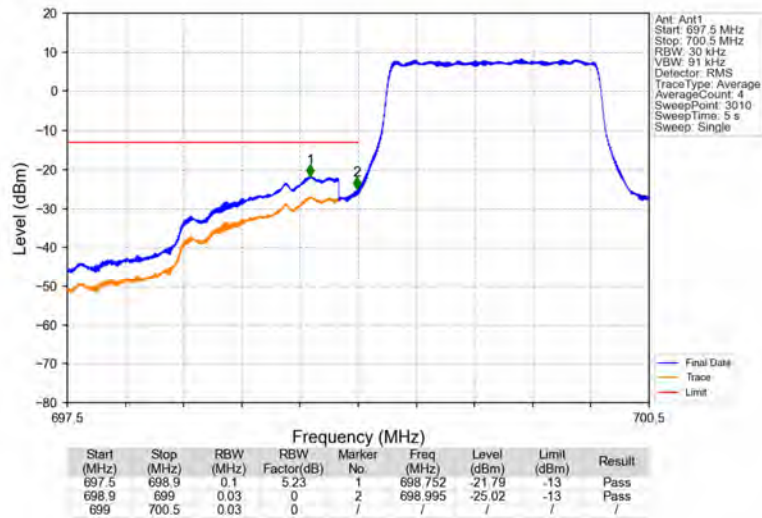
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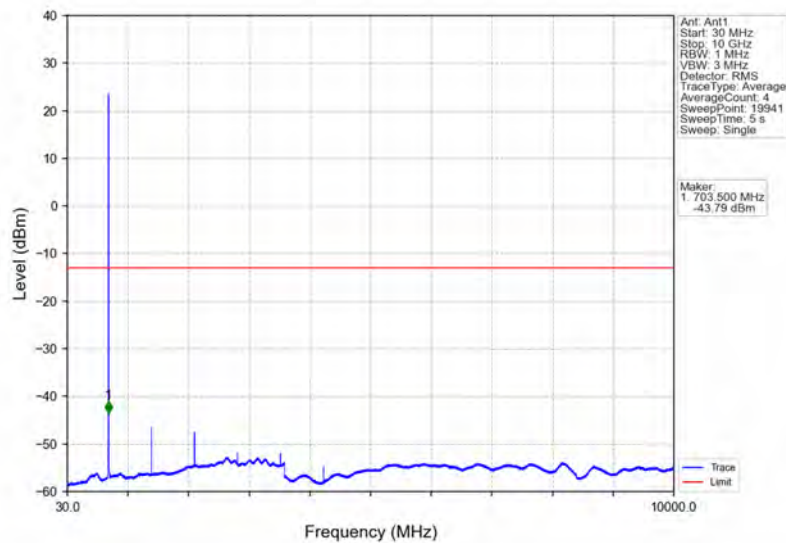
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Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



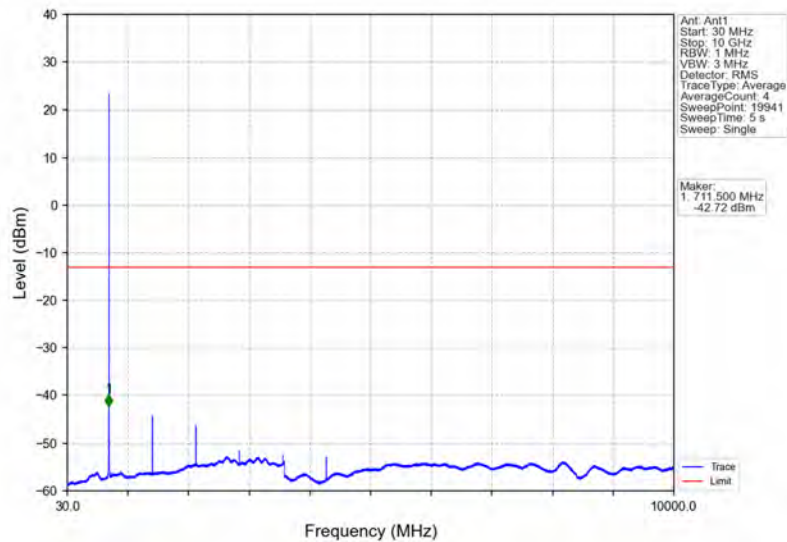
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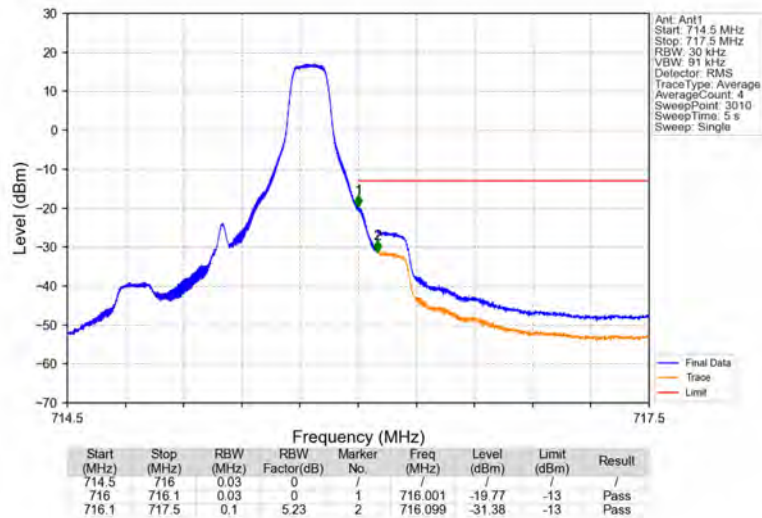
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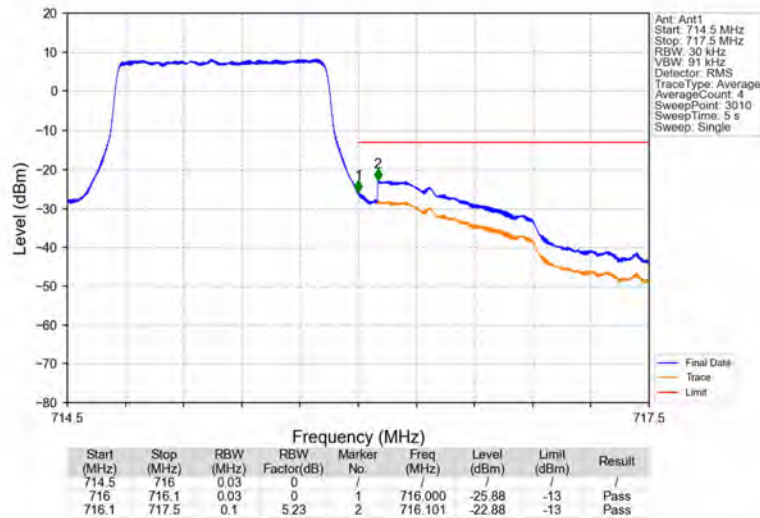
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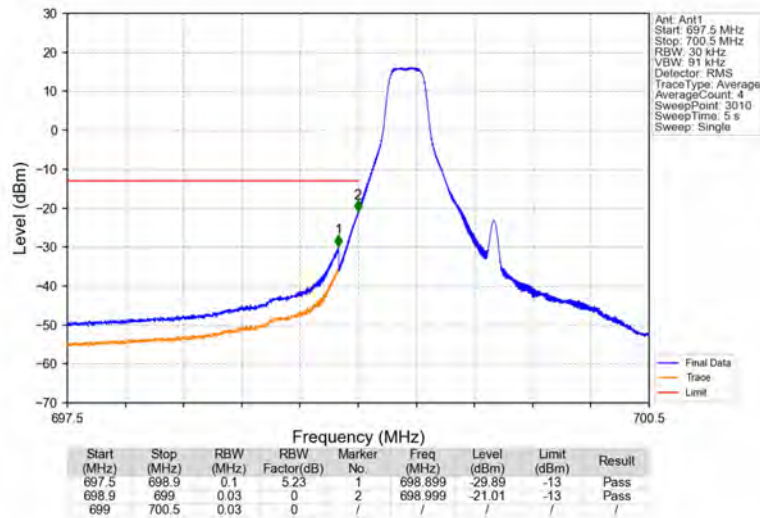
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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



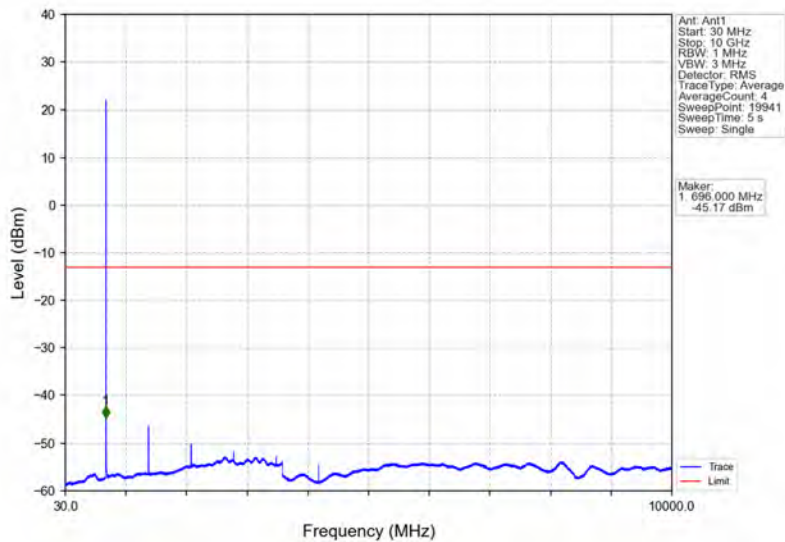
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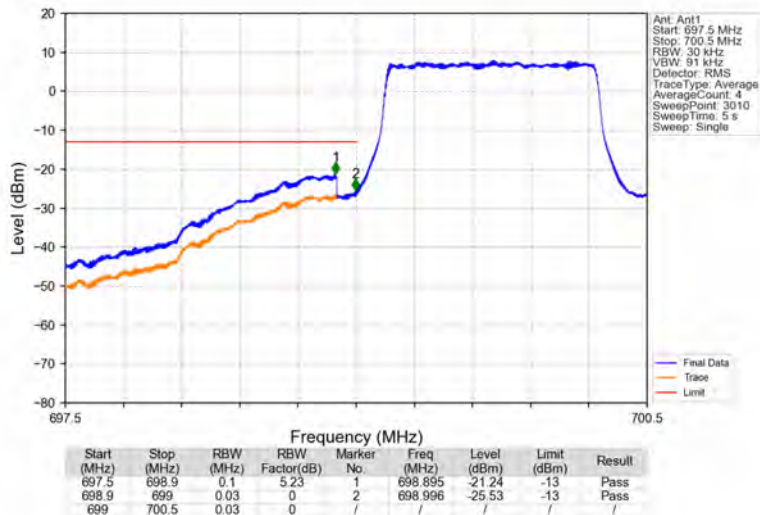
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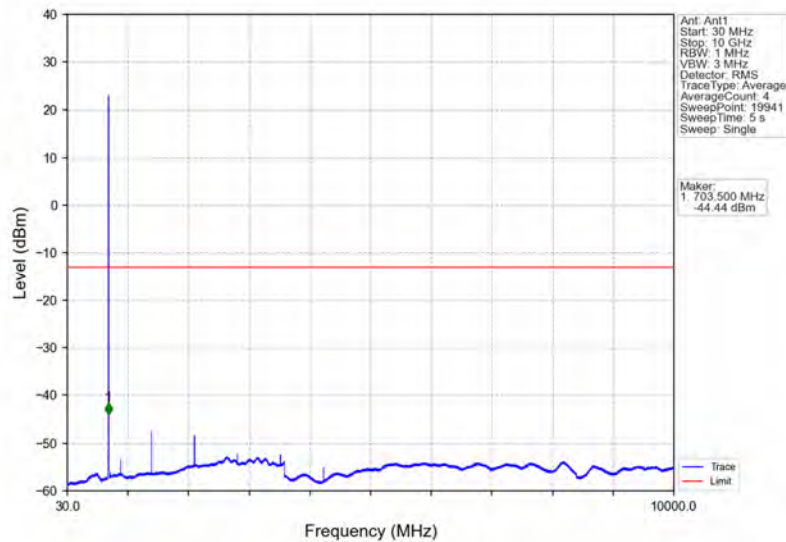
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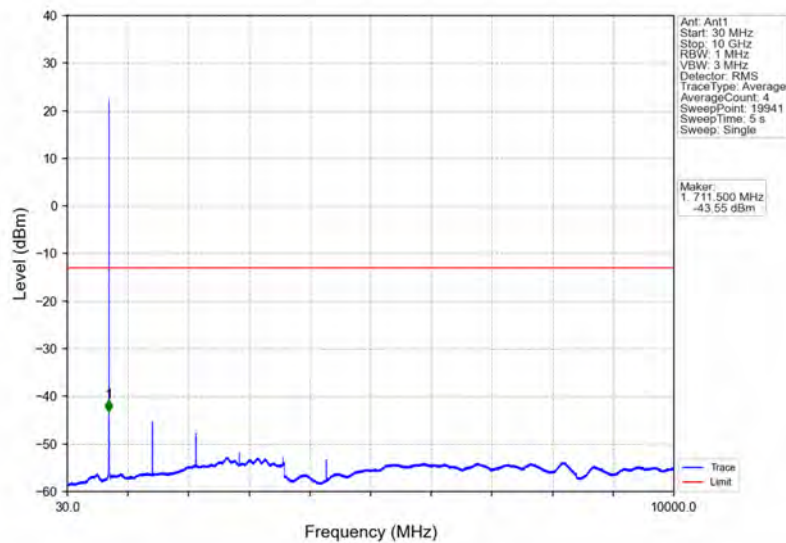
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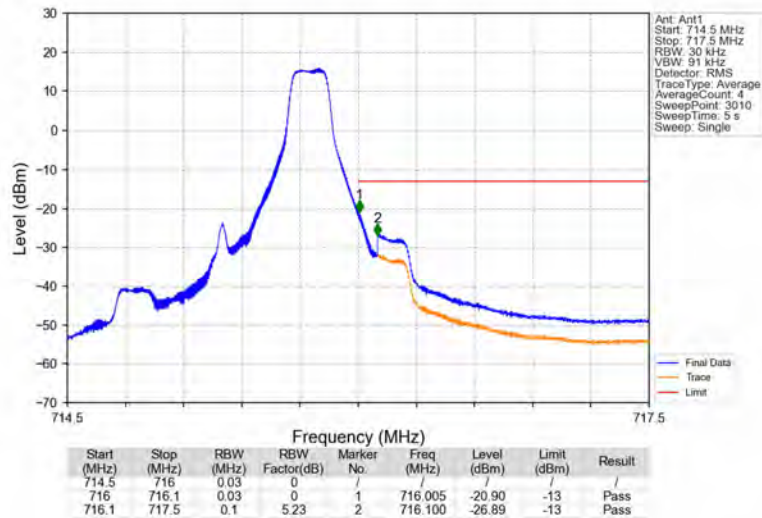
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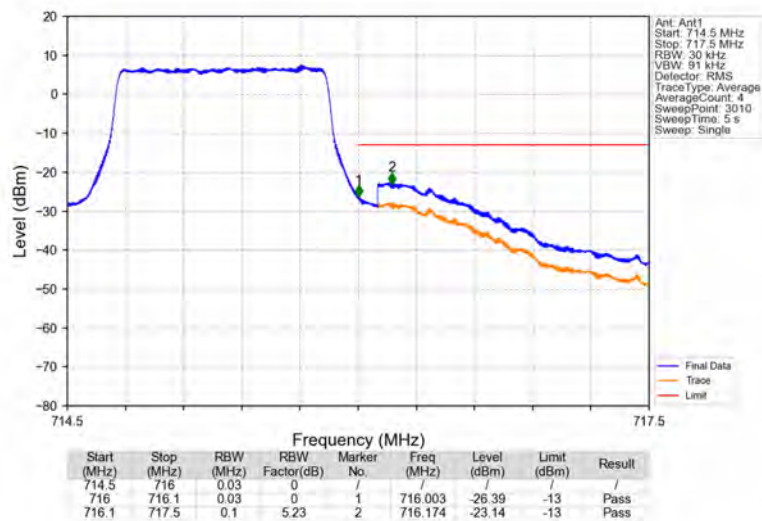
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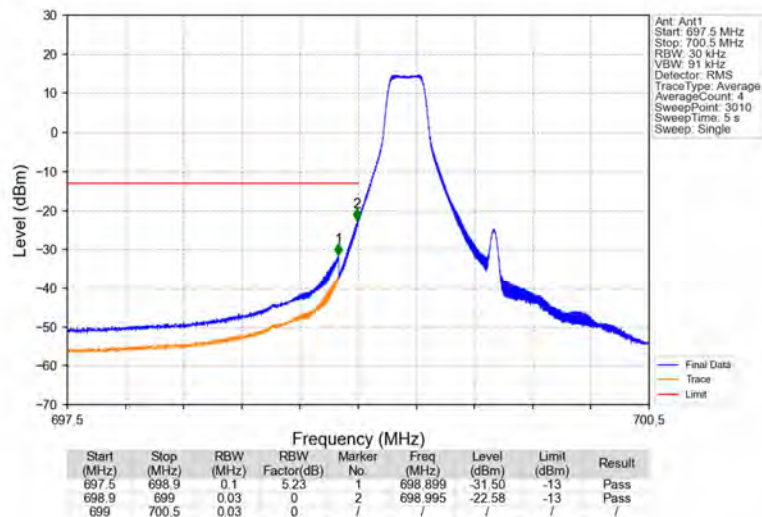
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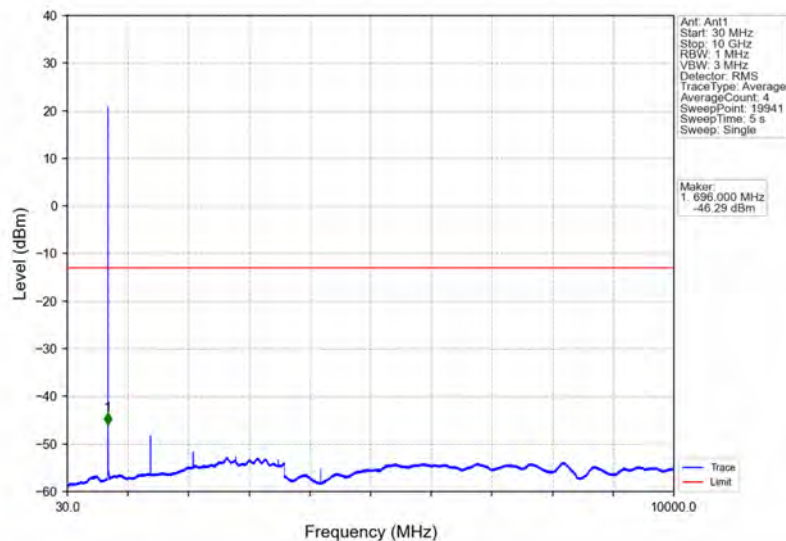
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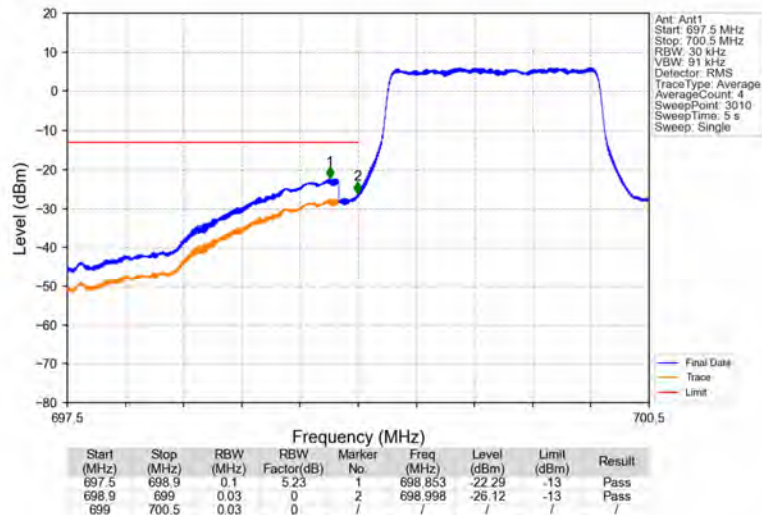
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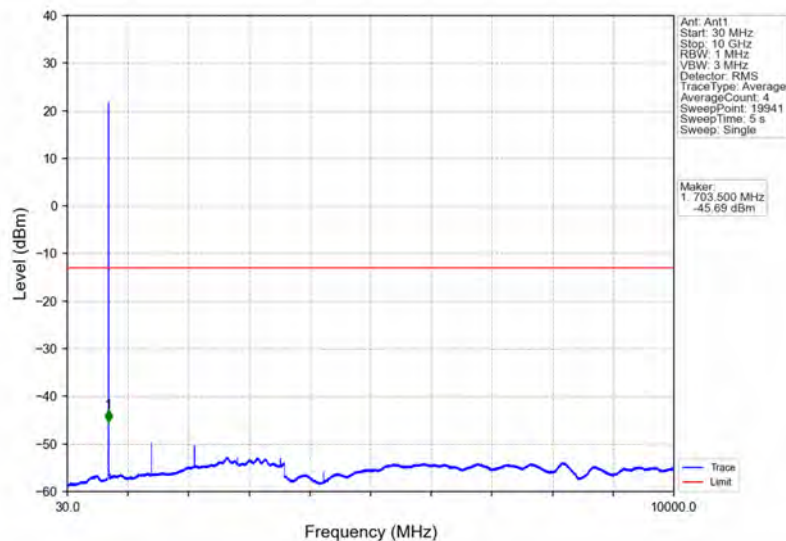
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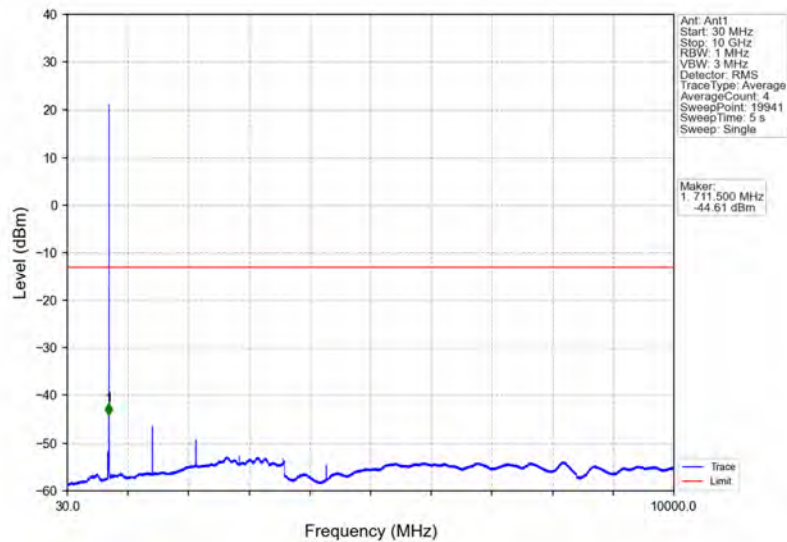
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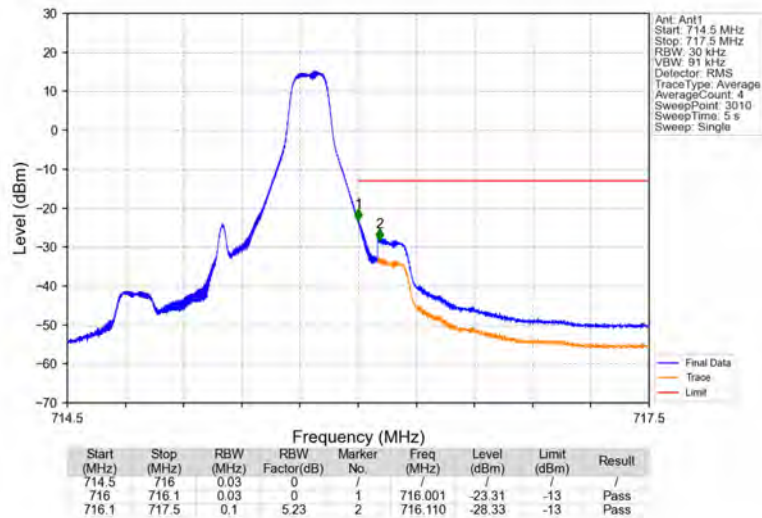
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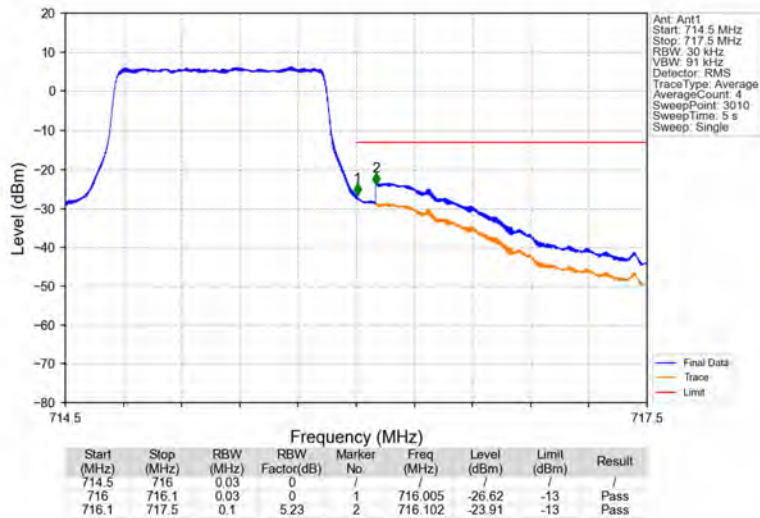
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6.2 B12_3MHz

6.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
	714.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
	714.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
64QAM	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
		1	0	Refer To Test Graph	Pass
	714.5	1	14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass



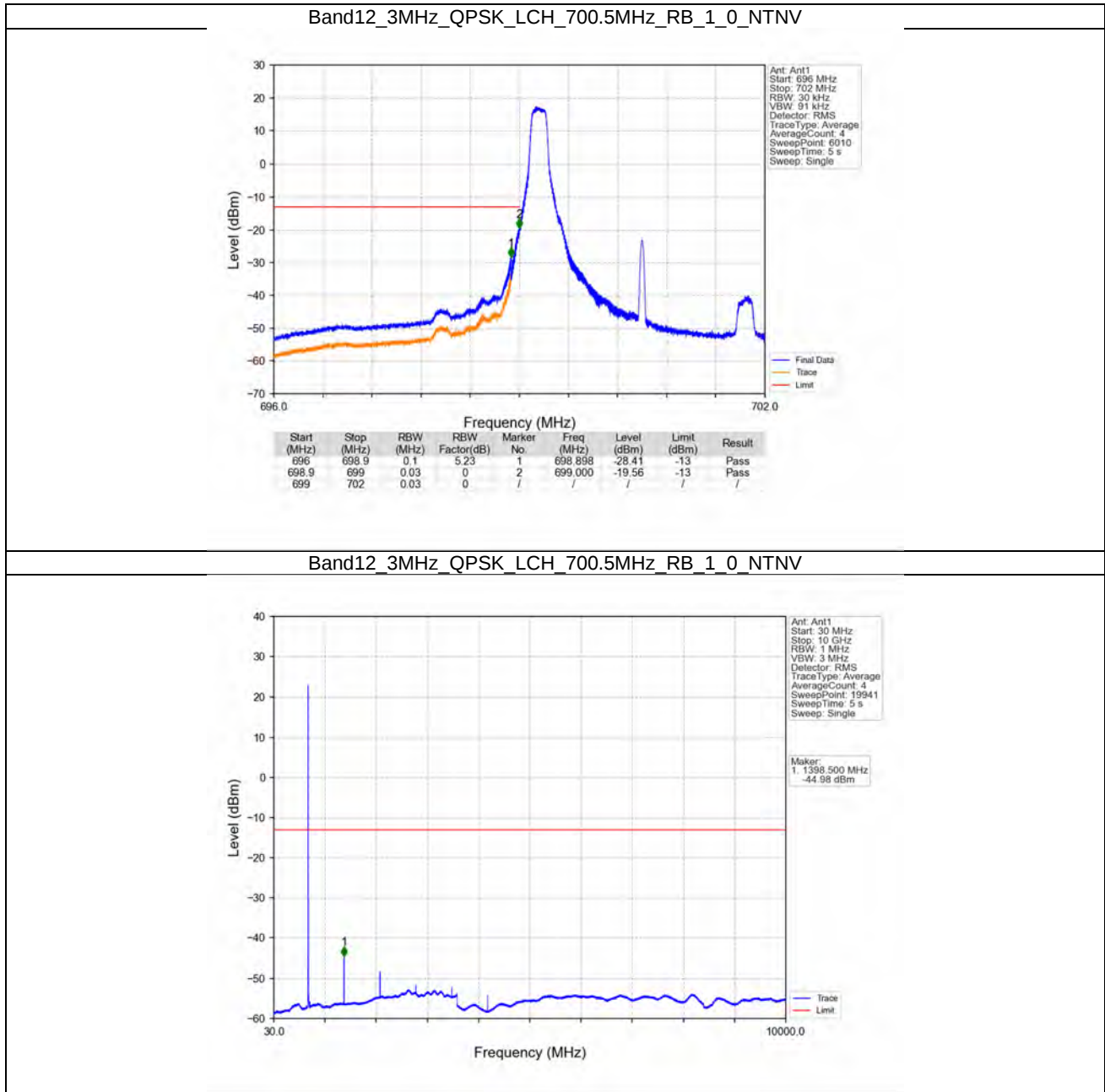
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6.2.2 Test Graph



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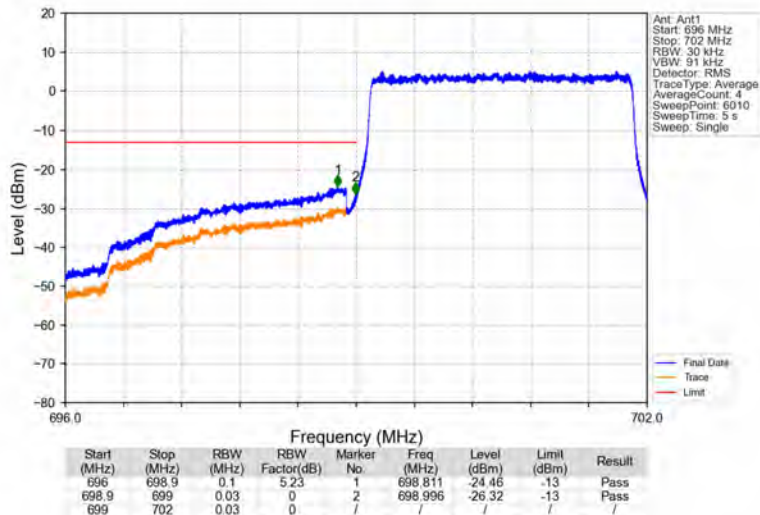
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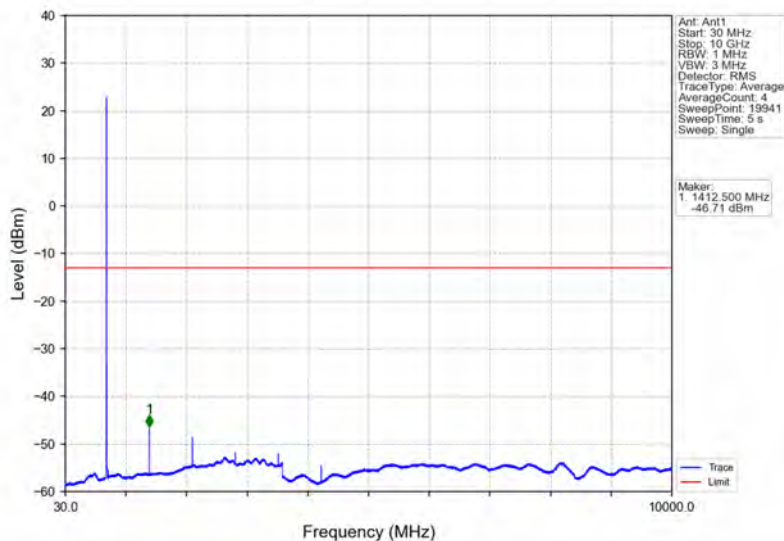
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Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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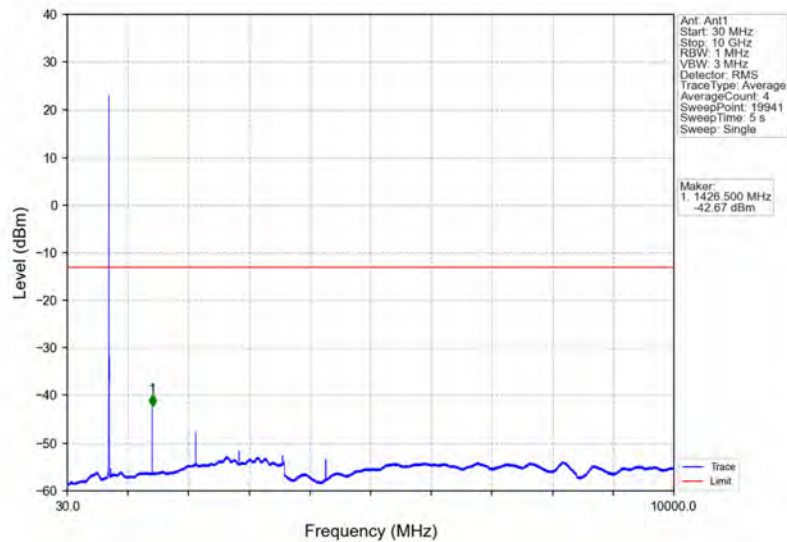
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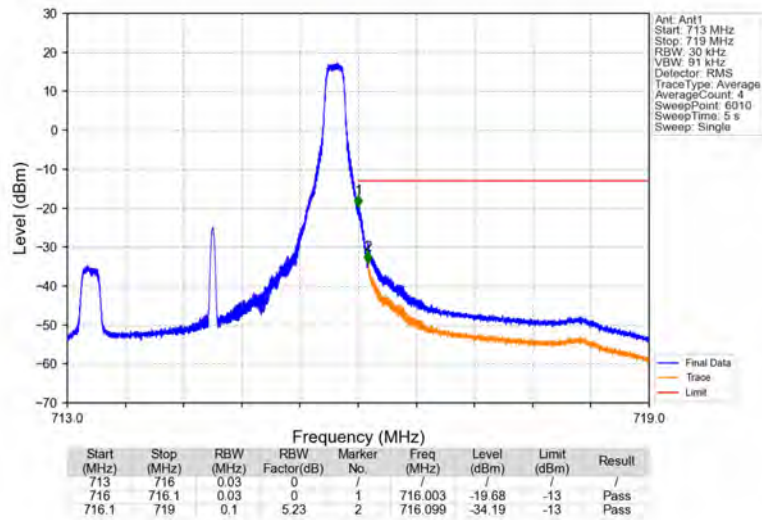
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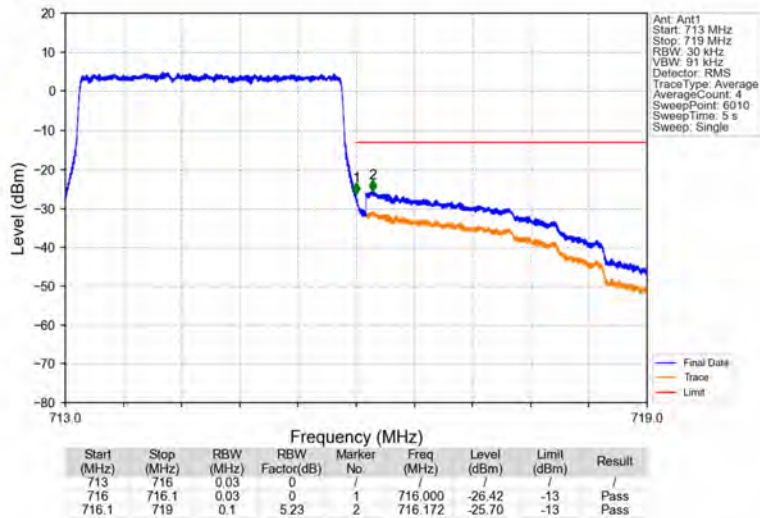
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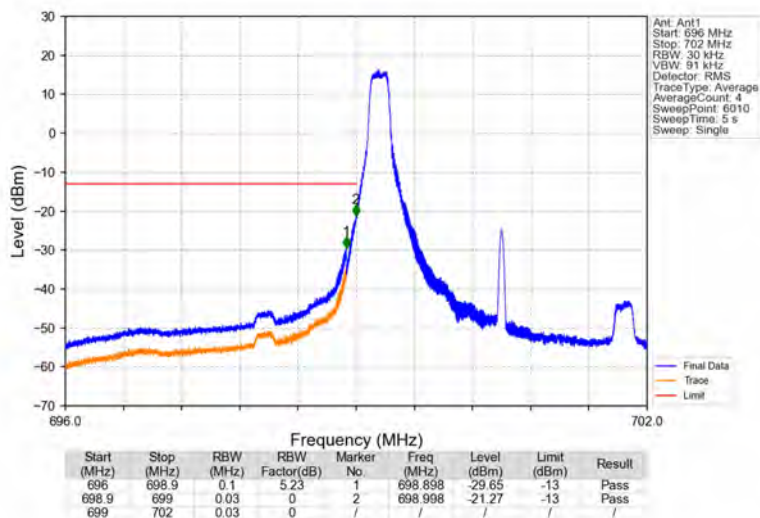
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



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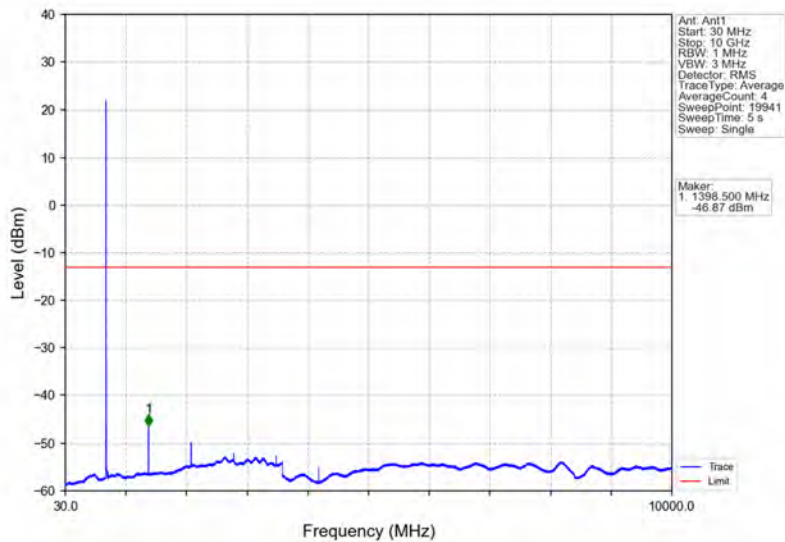
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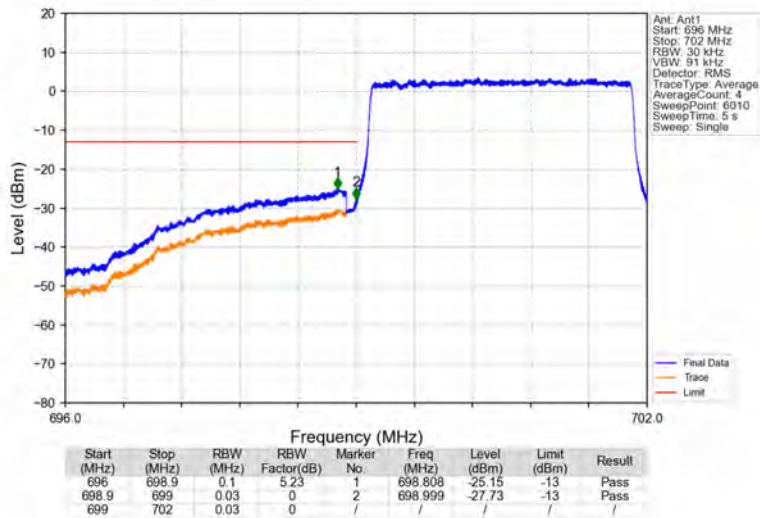
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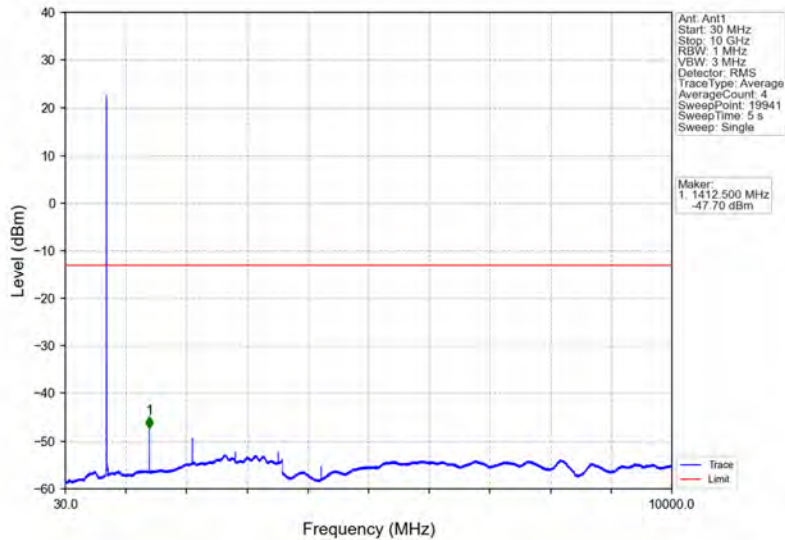
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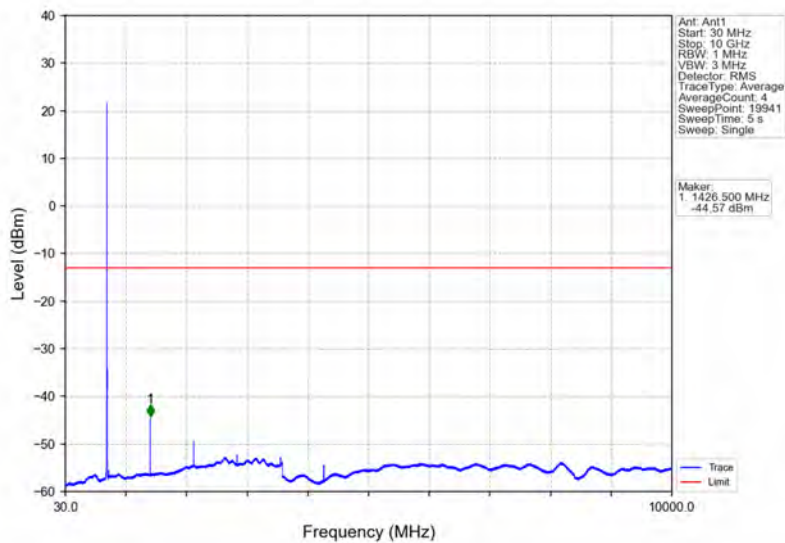
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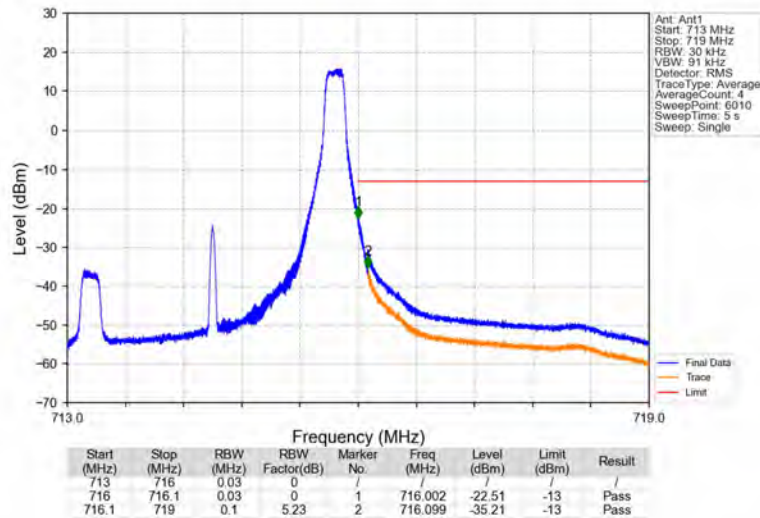
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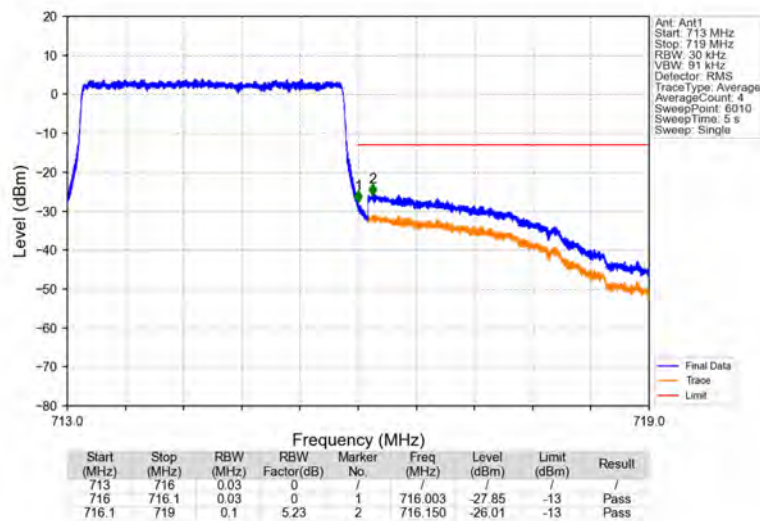
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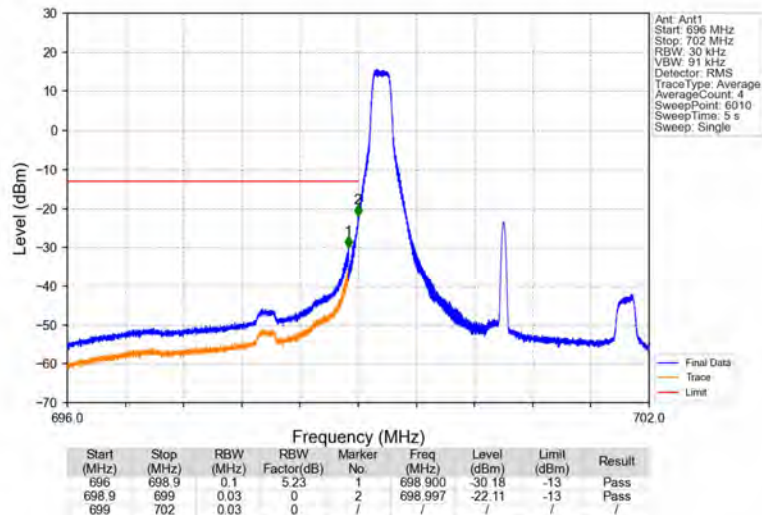
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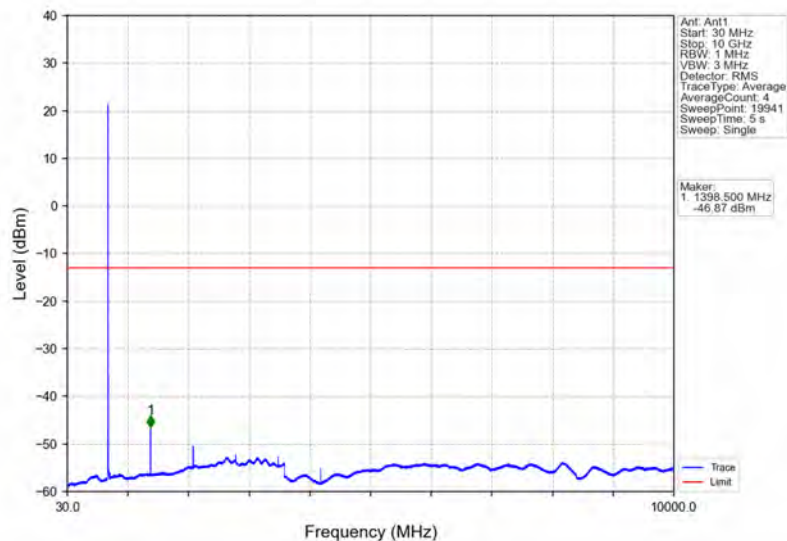
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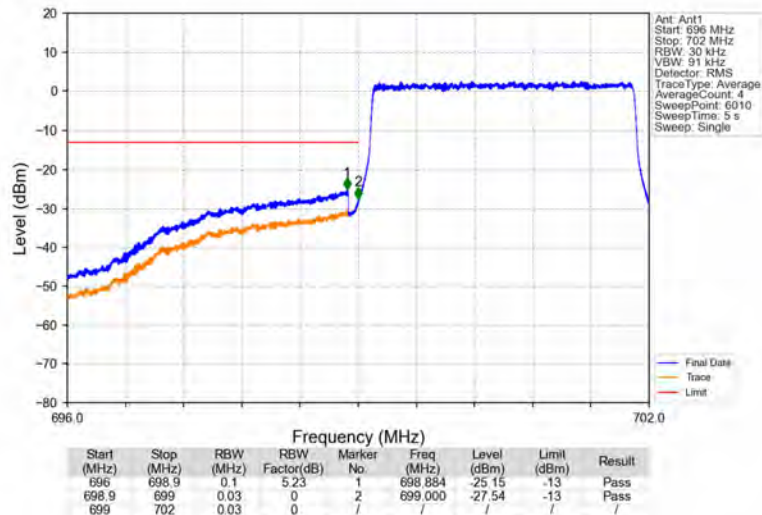
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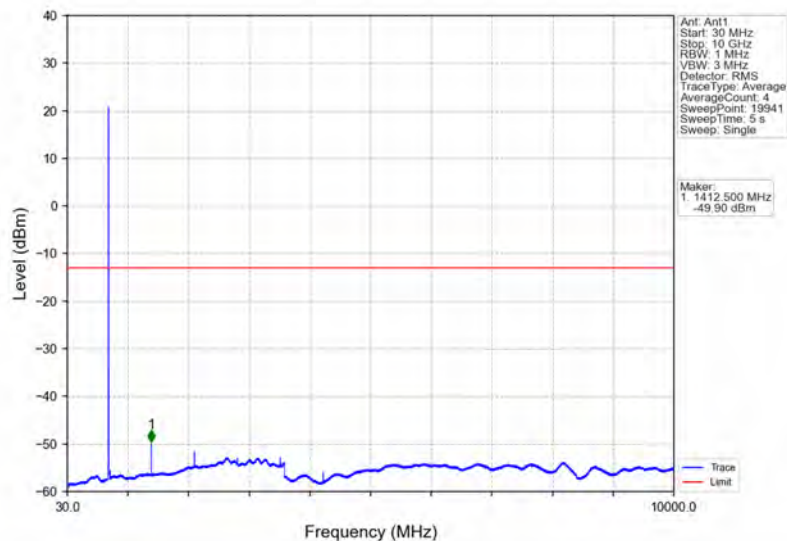
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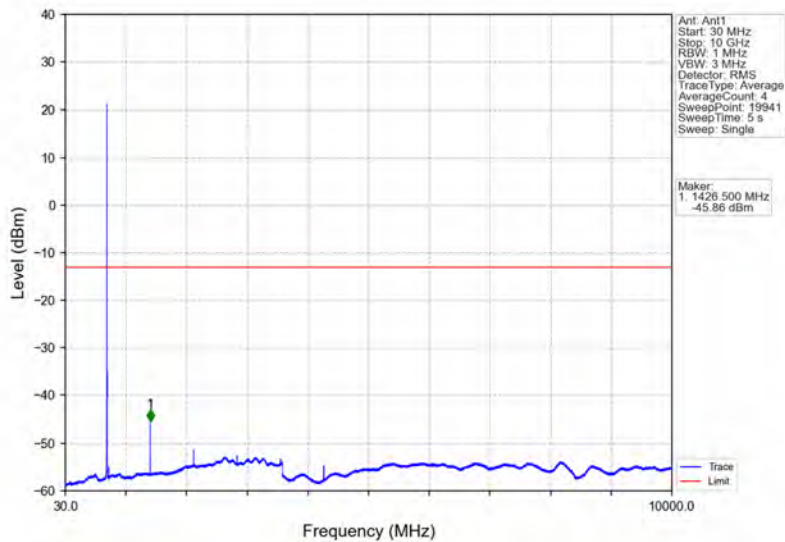
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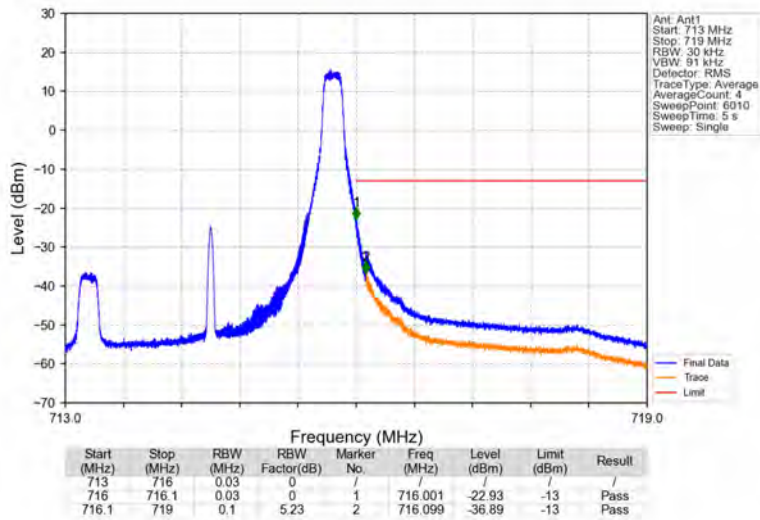
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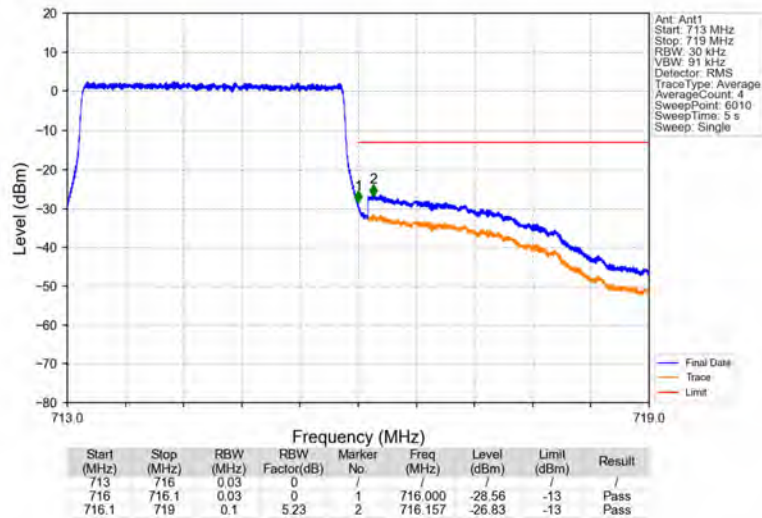
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6.3 B12_5MHz

6.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
	713.5	1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	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
		1	0	Refer To Test Graph	Pass
	713.5	1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
64QAM	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
		1	0	Refer To Test Graph	Pass
	713.5	1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass



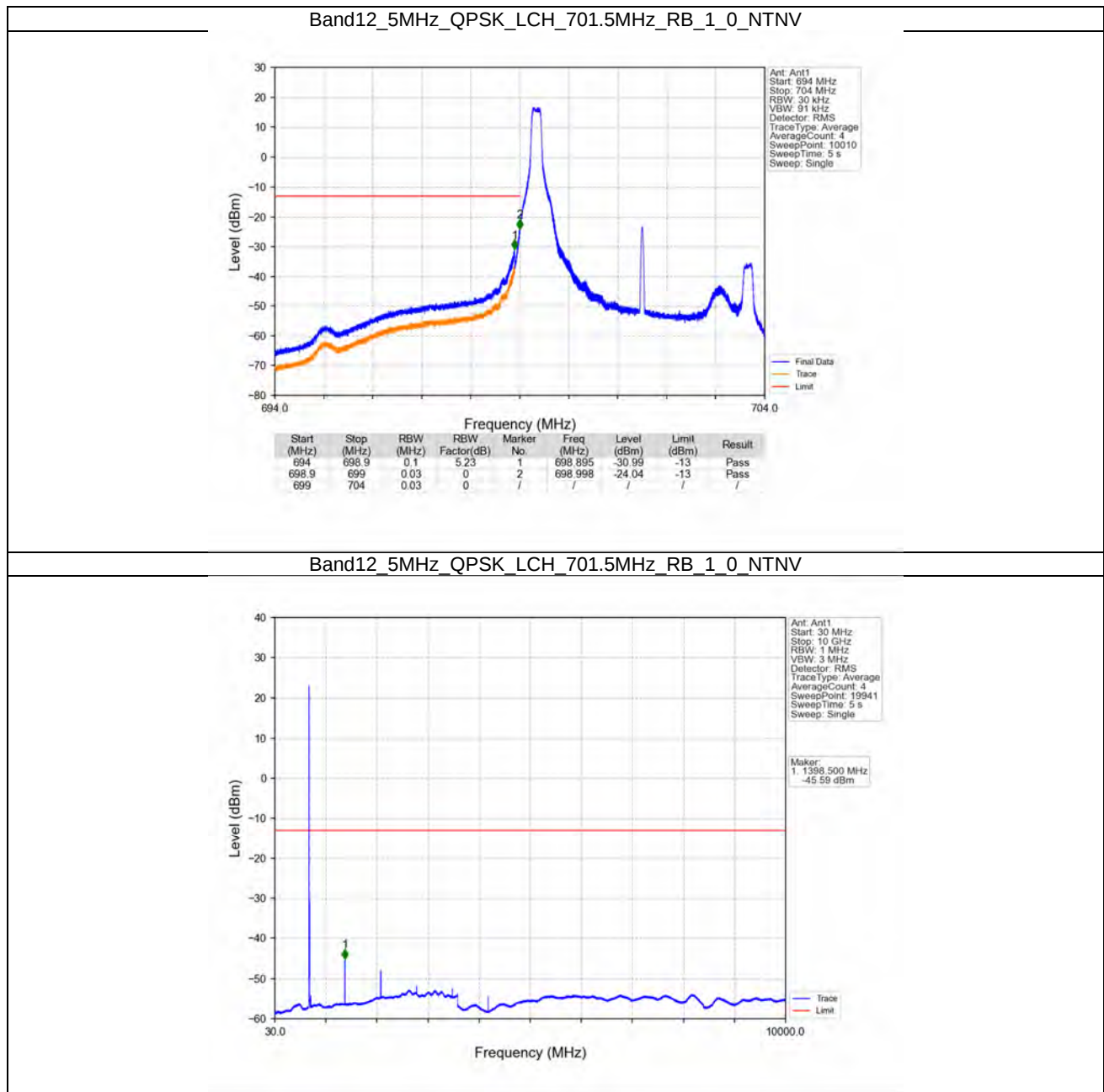
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6.3.2 Test Graph



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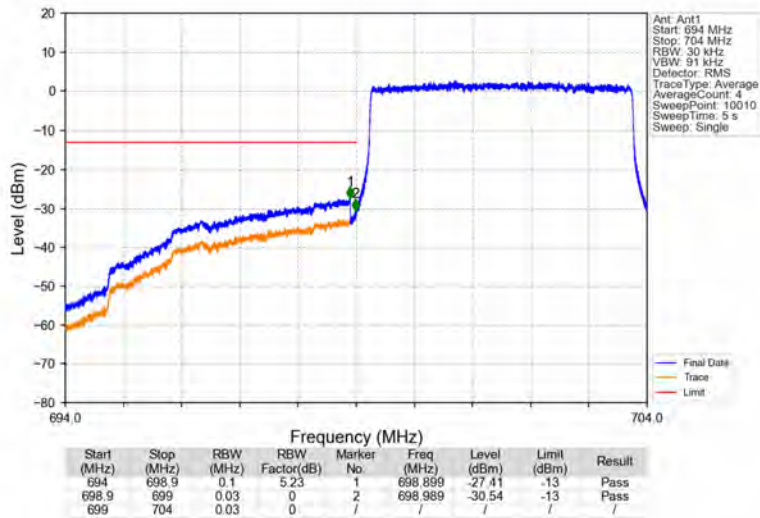
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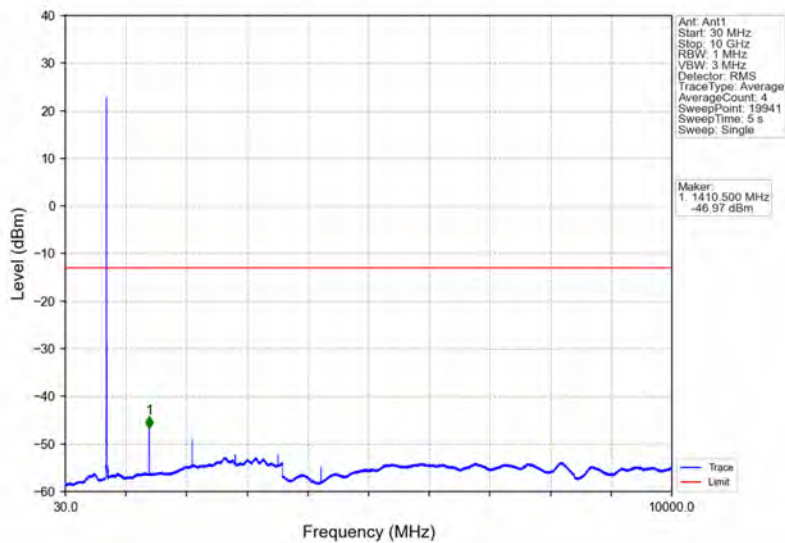
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Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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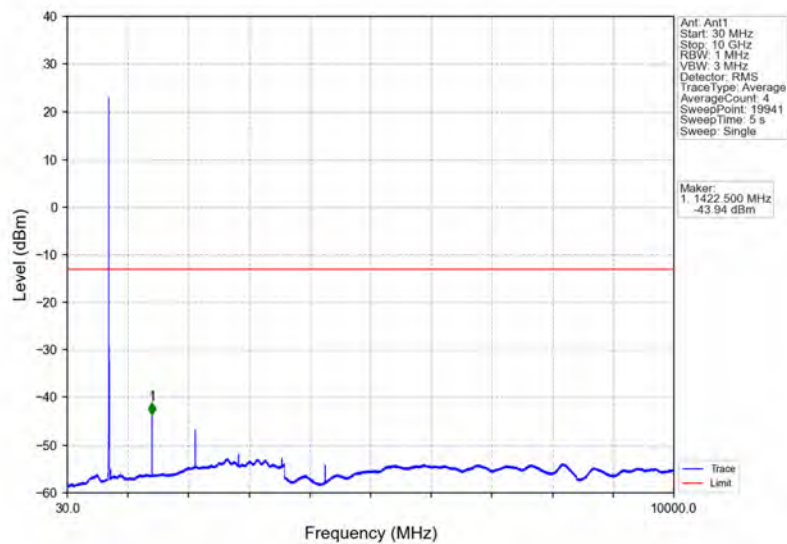
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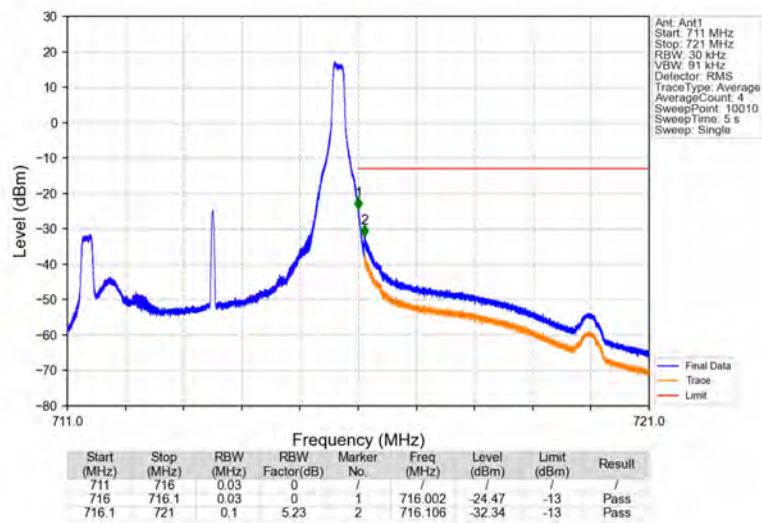
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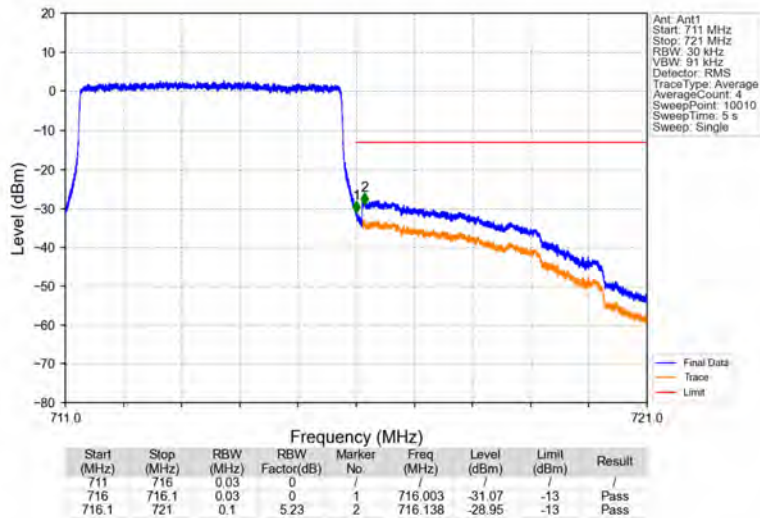
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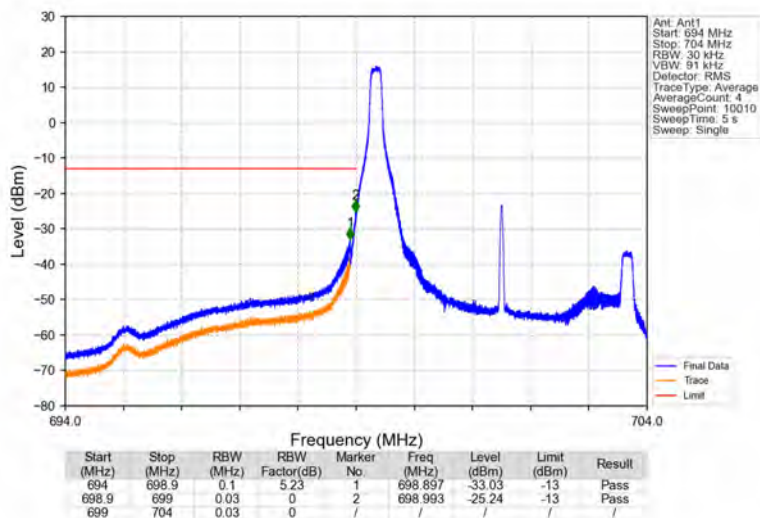
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



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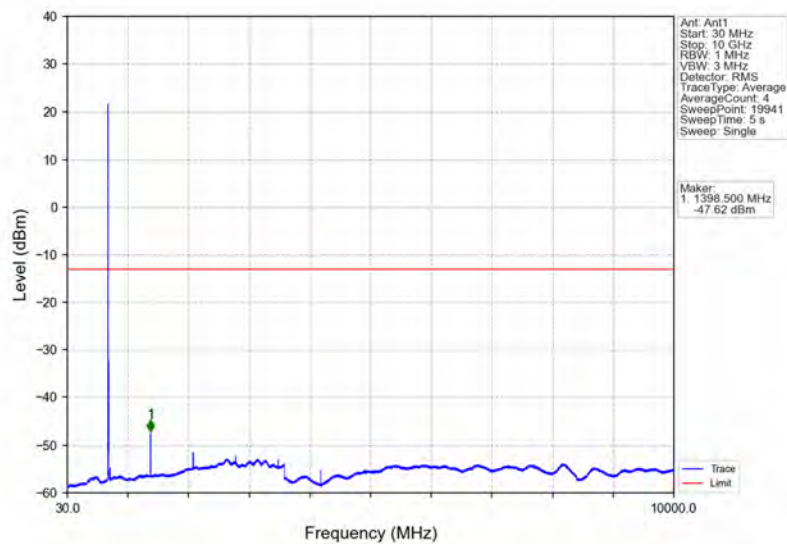
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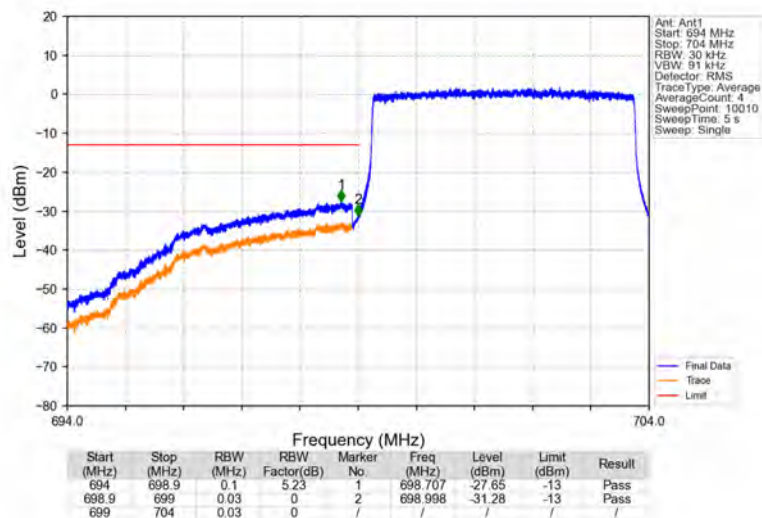
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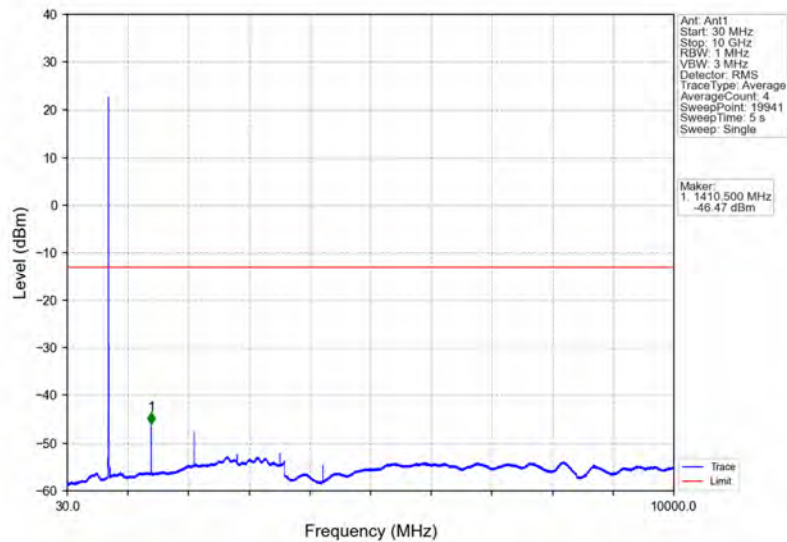
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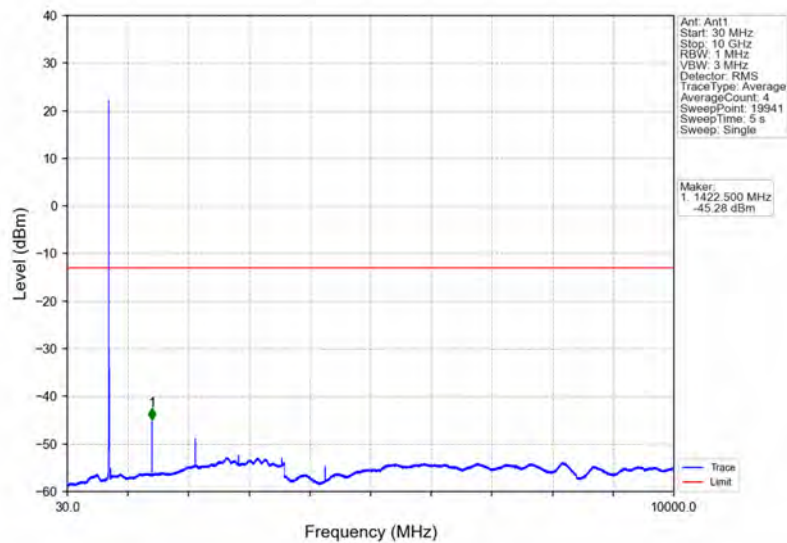
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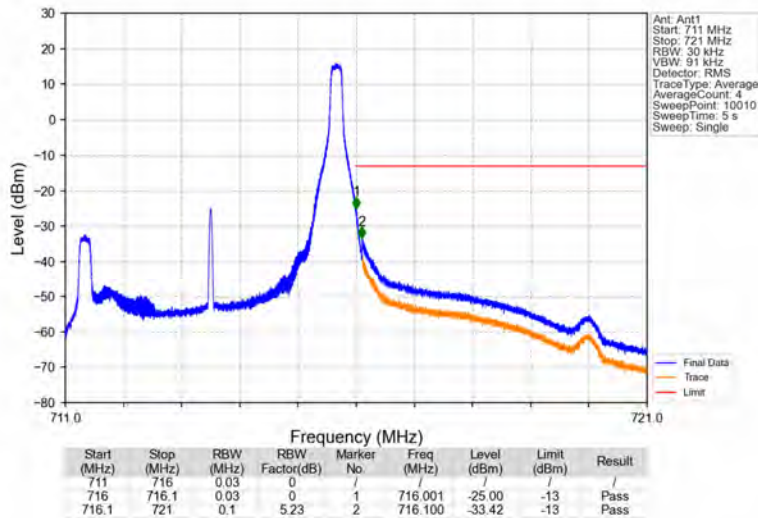
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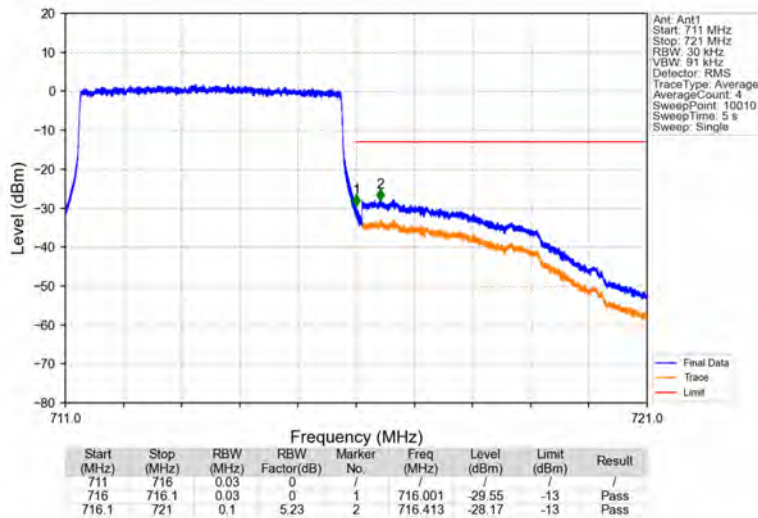
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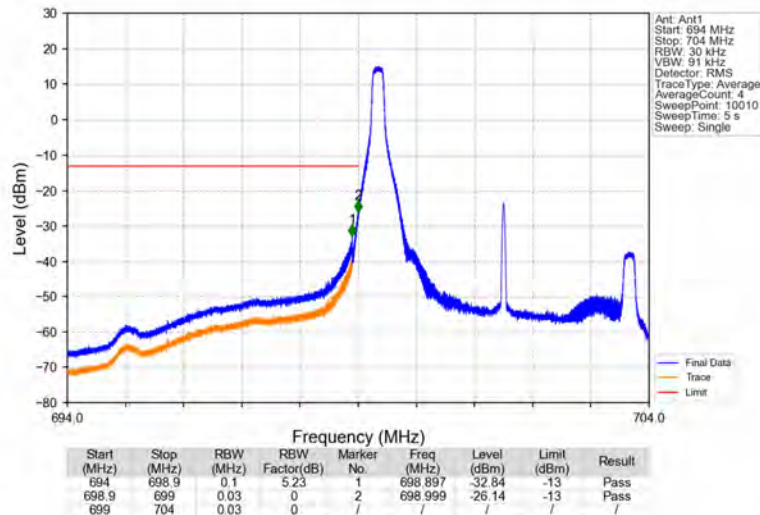
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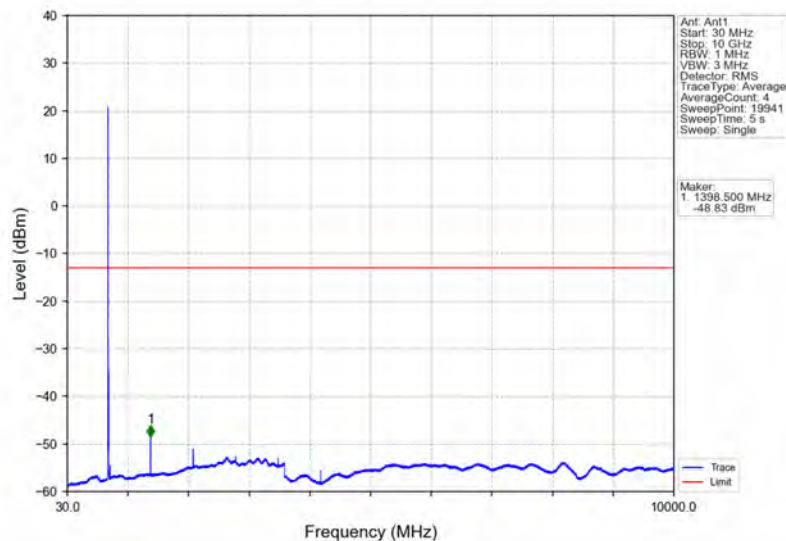
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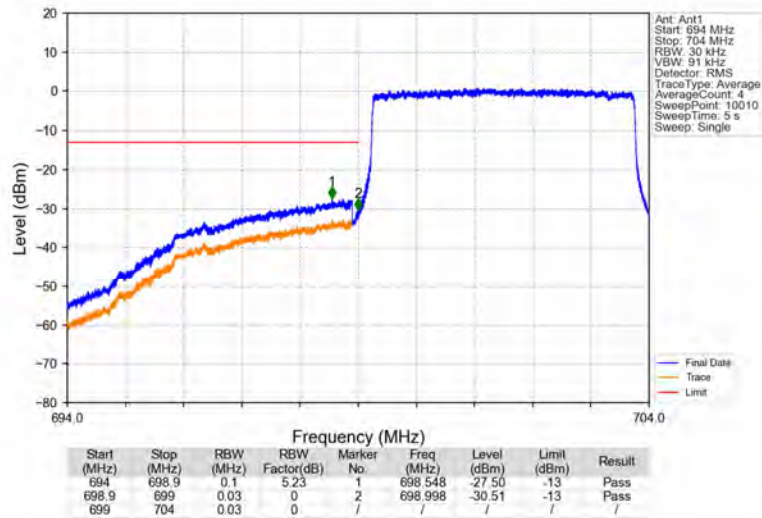
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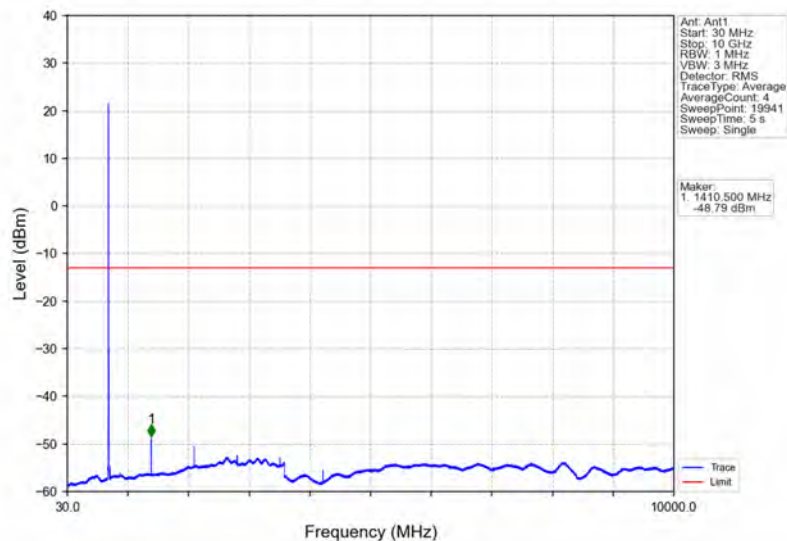
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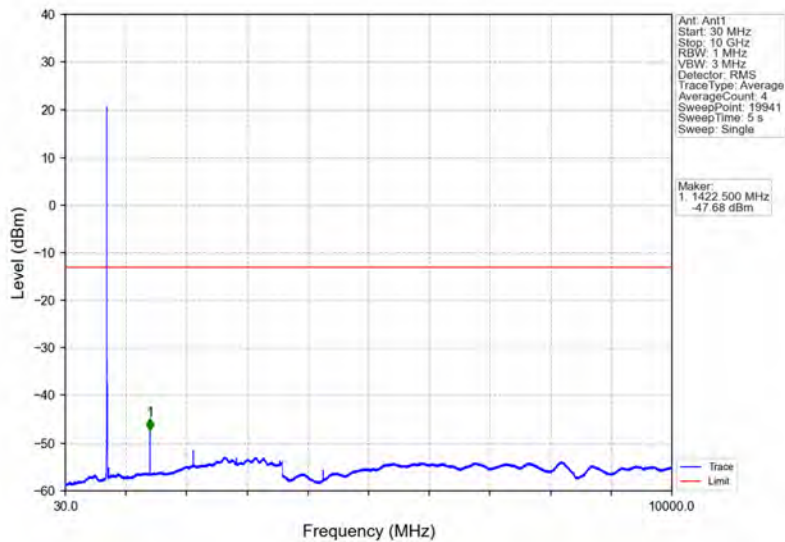
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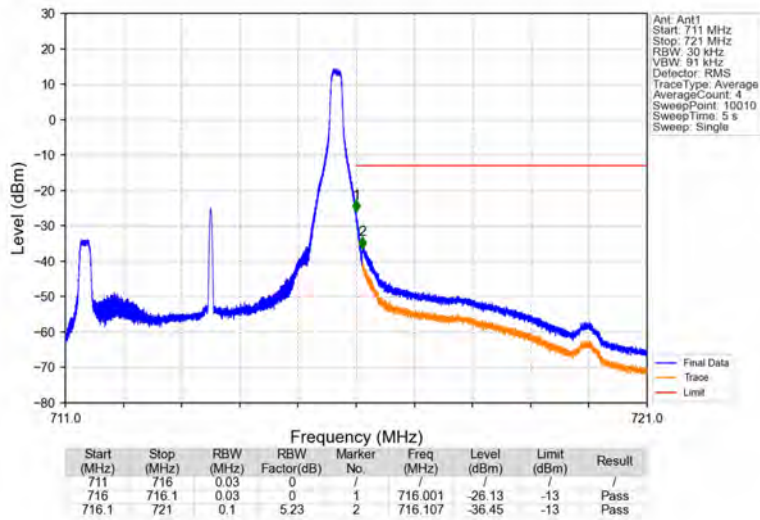
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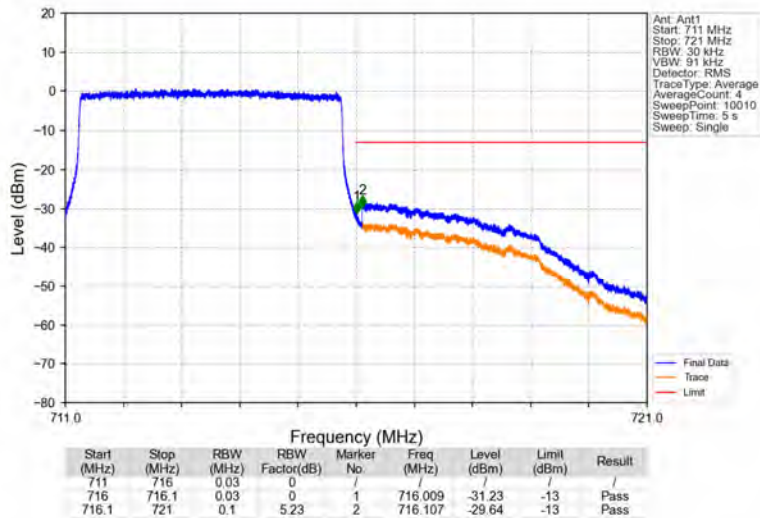
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6.4 B12_10MHz

6.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
		1	49	Refer To Test Graph	Pass
16QAM	704	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
		1	49	Refer To Test Graph	Pass
64QAM	704	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
		1	49	Refer To Test Graph	Pass



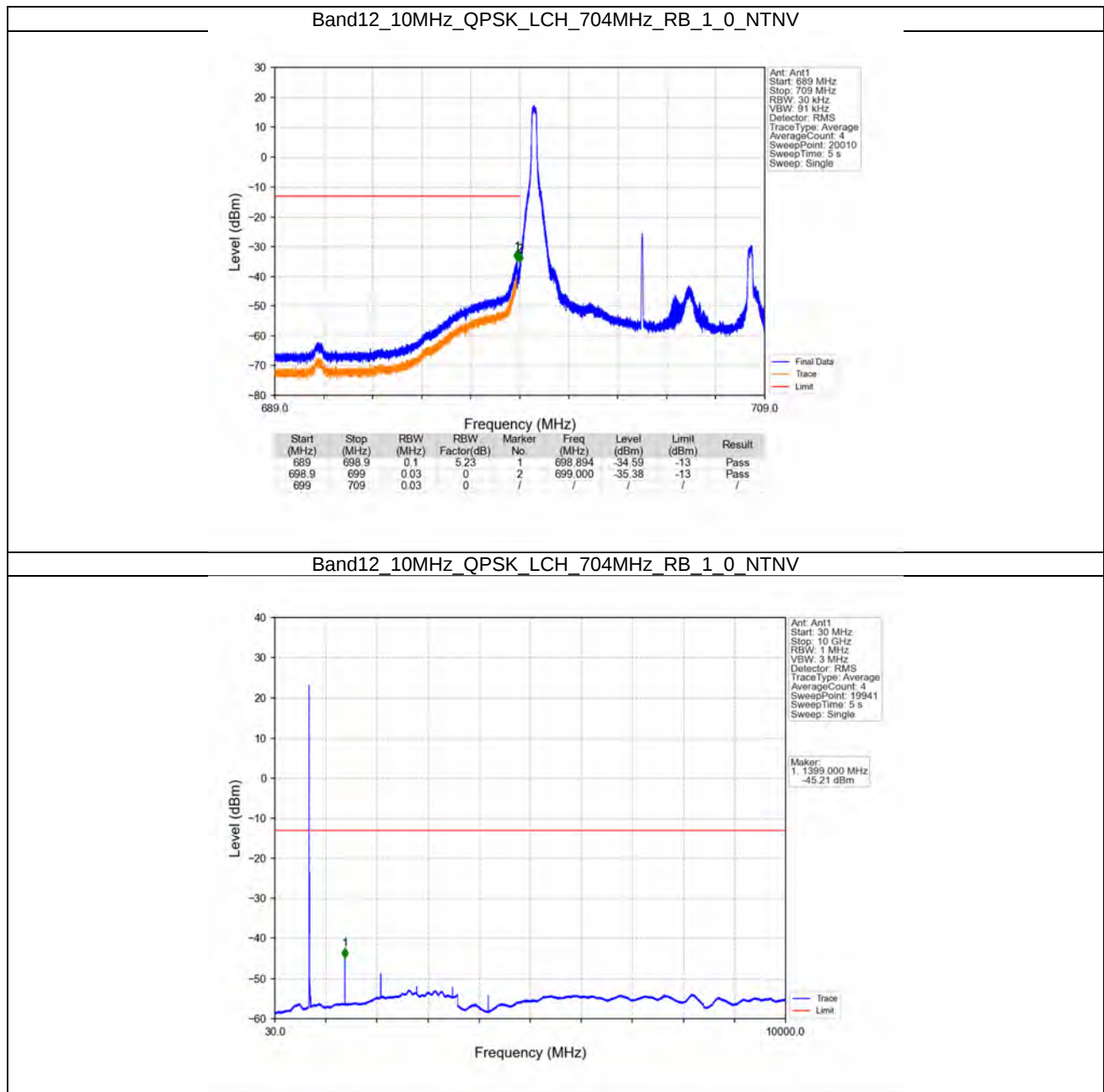
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6.4.2 Test Graph



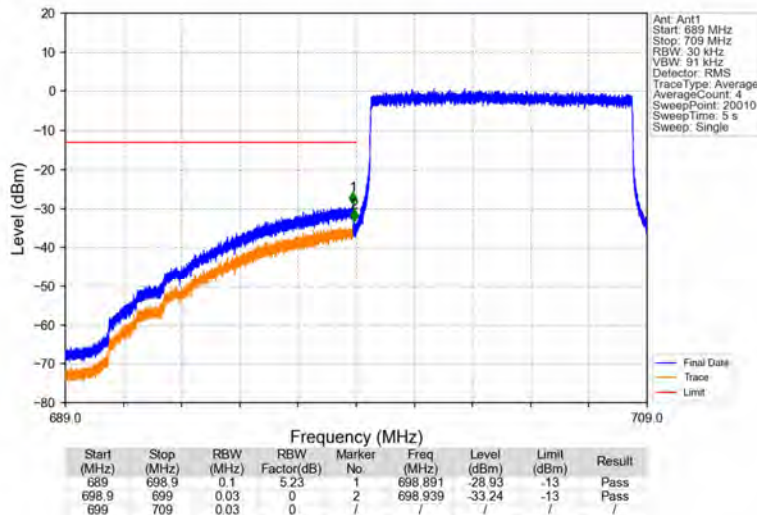
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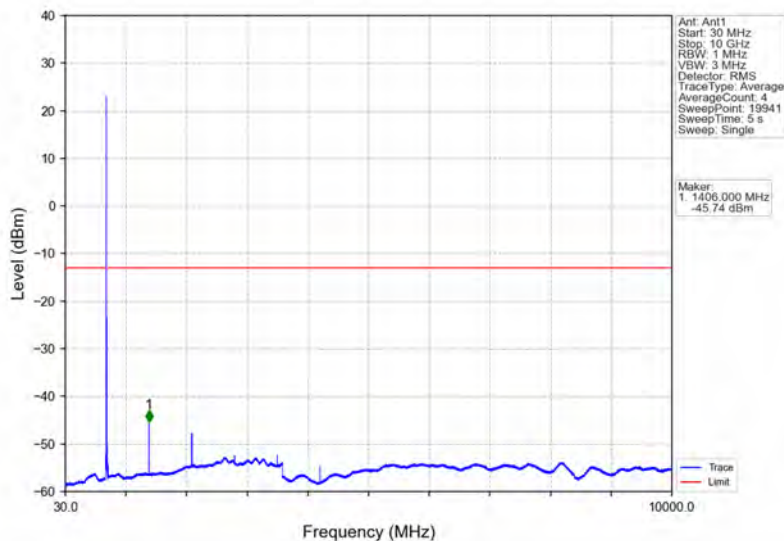
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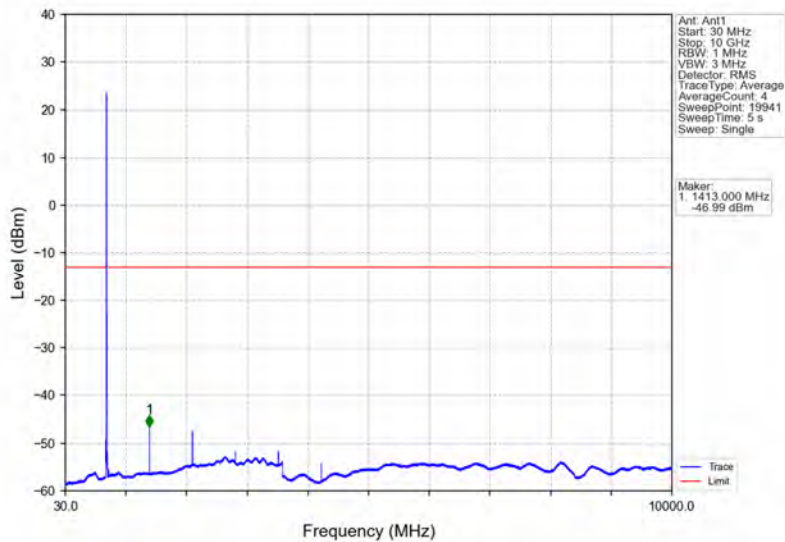
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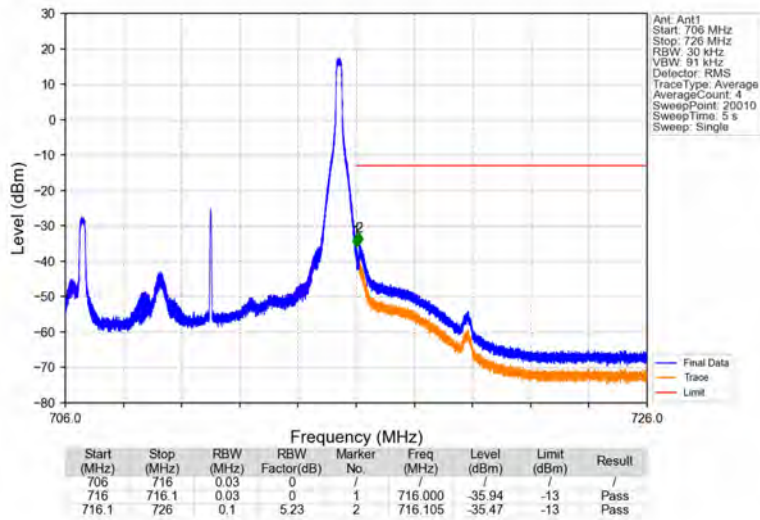
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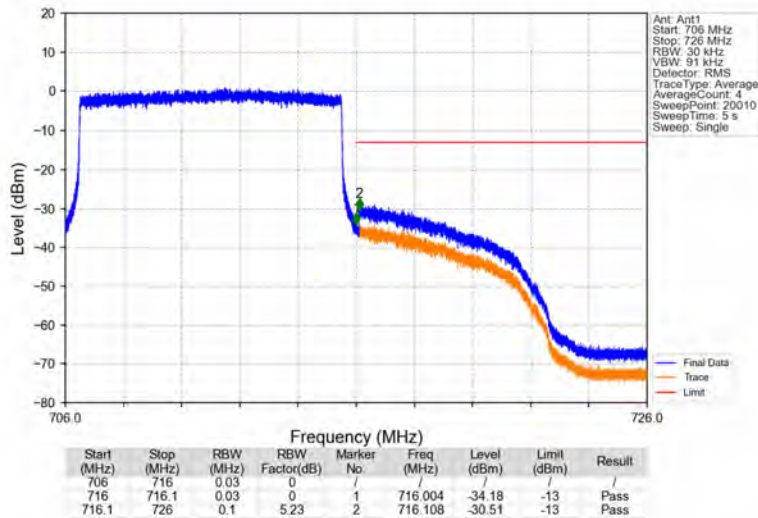
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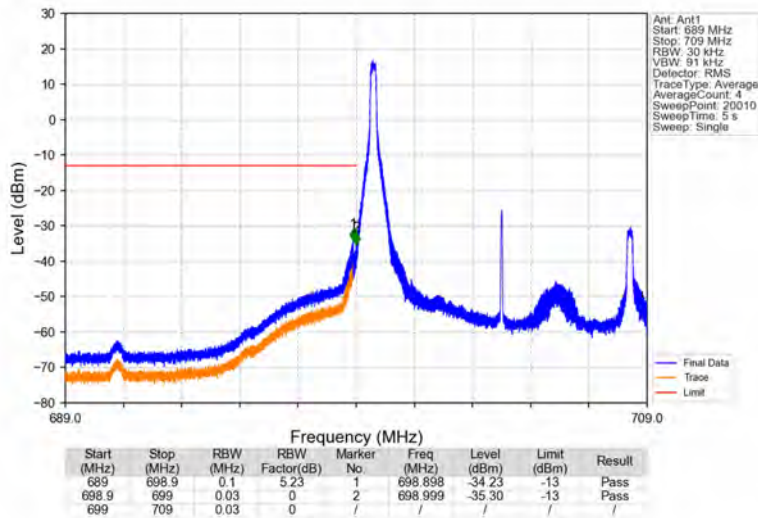
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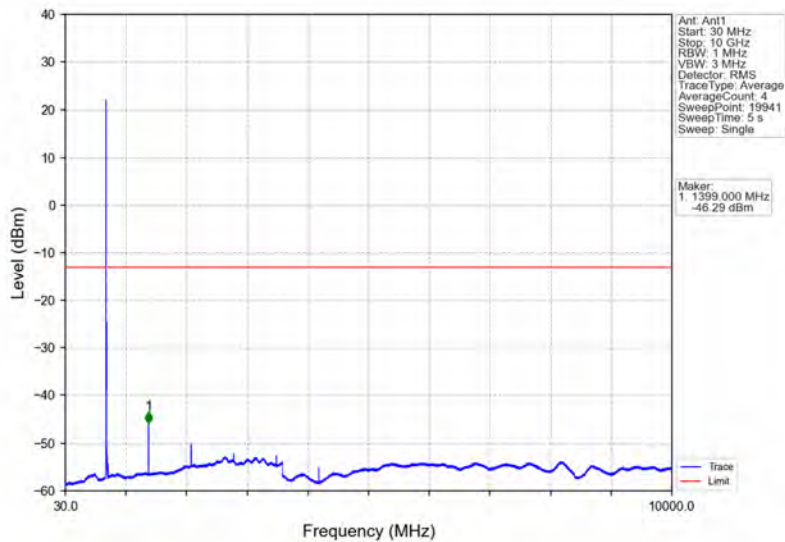
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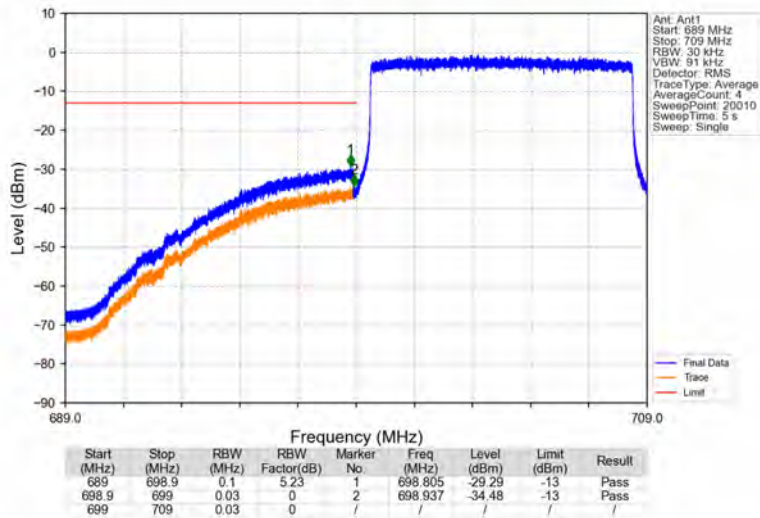
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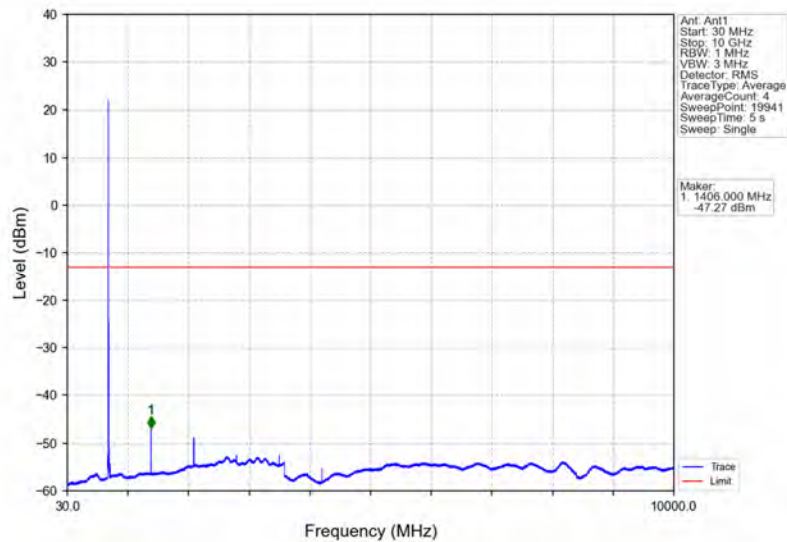
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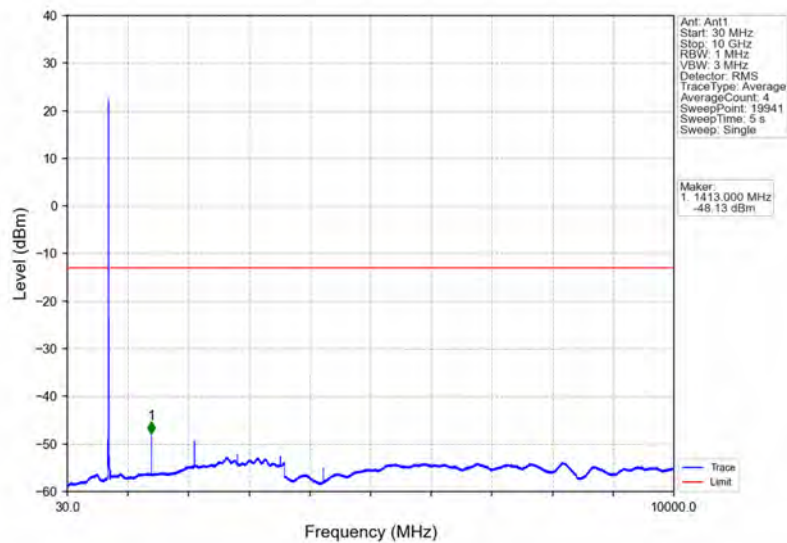
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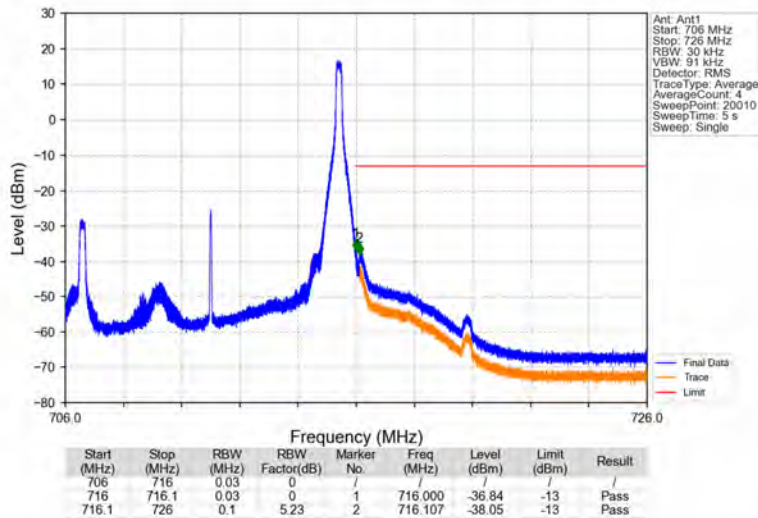
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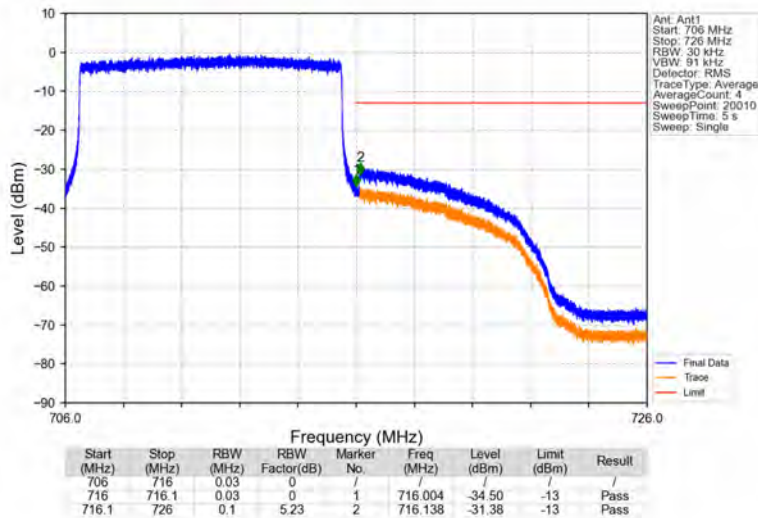
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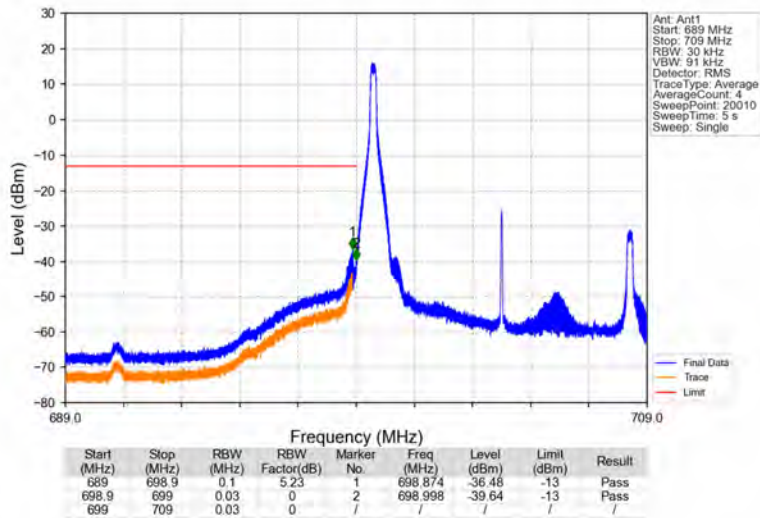
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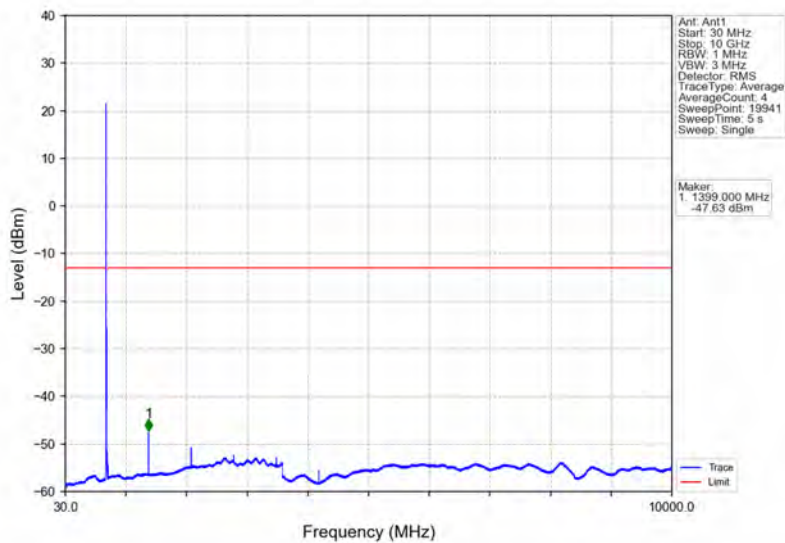
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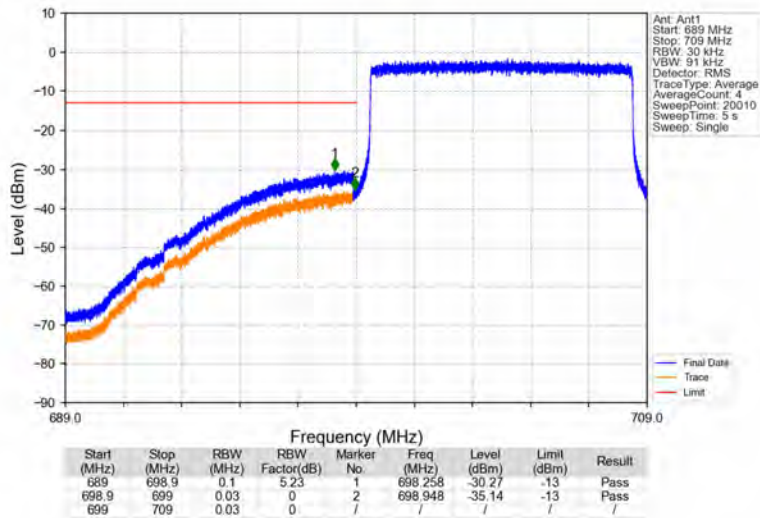
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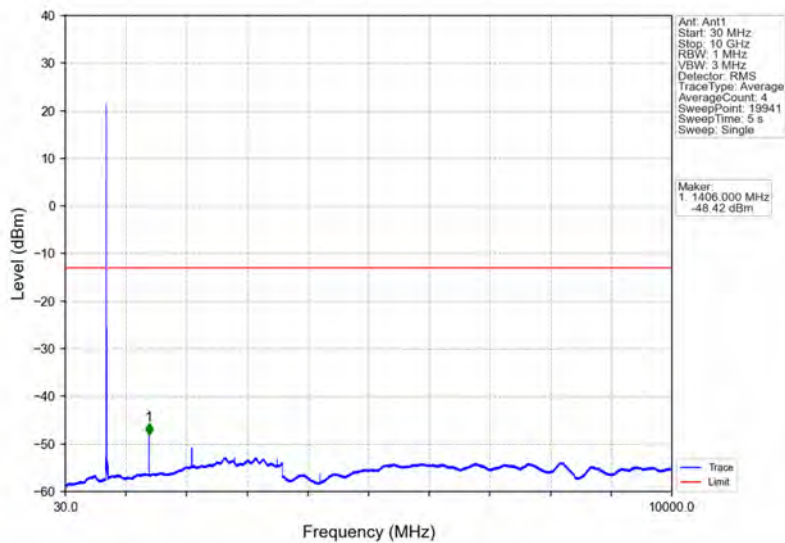
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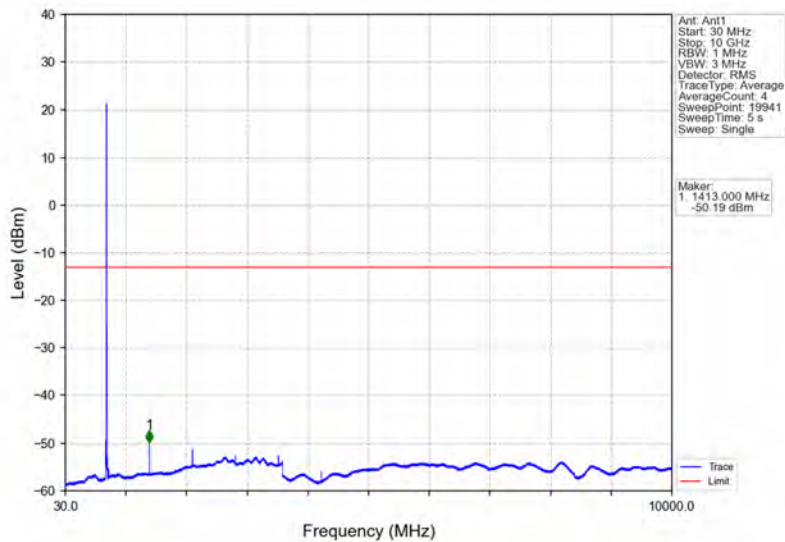
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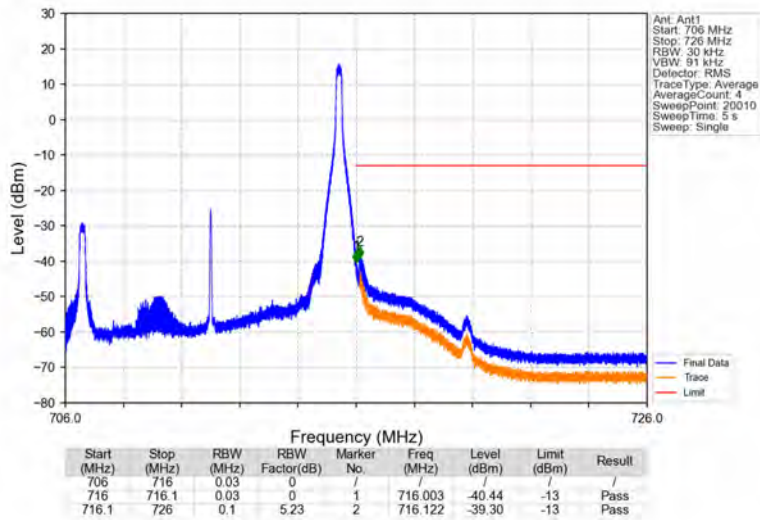
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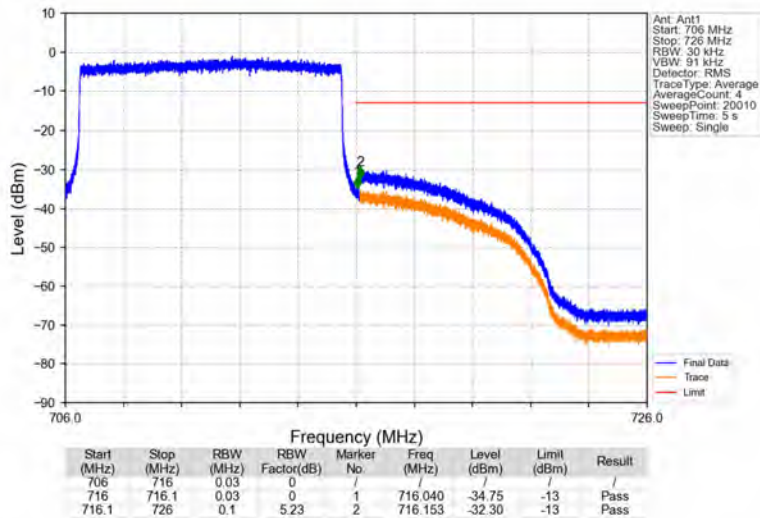
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