SGS-CSTC Standards Technical Services Co., Ltd.
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Appendix B.5

LTE Band 12

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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	23.21	0.7	21.76	<=34.77	Pass
			2	23.27	0.7	21.82	<=34.77	Pass
			5	23.14	0.7	21.69	<=34.77	Pass
		3	0	23.21	0.7	21.76	<=34.77	Pass
			2	23.24	0.7	21.79	<=34.77	Pass
			3	23.18	0.7	21.73	<=34.77	Pass
		6	0	22.27	0.7	20.82	<=34.77	Pass
	707.5	1	0	23.31	0.7	21.86	<=34.77	Pass
			2	23.33	0.7	21.88	<=34.77	Pass
			5	23.27	0.7	21.82	<=34.77	Pass
		3	0	23.35	0.7	21.9	<=34.77	Pass
			2	23.46	0.7	22.01	<=34.77	Pass
			3	23.33	0.7	21.88	<=34.77	Pass
		6	0	22.34	0.7	20.89	<=34.77	Pass
	715.3	1	0	23.27	0.7	21.82	<=34.77	Pass
			2	23.30	0.7	21.85	<=34.77	Pass
			5	23.22	0.7	21.77	<=34.77	Pass
		3	0	23.34	0.7	21.89	<=34.77	Pass
			2	23.32	0.7	21.87	<=34.77	Pass
			3	23.24	0.7	21.79	<=34.77	Pass
		6	0	22.36	0.7	20.91	<=34.77	Pass
16QAM	699.7	1	0	22.49	0.7	21.04	<=34.77	Pass
			2	22.57	0.7	21.12	<=34.77	Pass
			5	22.38	0.7	20.93	<=34.77	Pass
		3	0	22.26	0.7	20.81	<=34.77	Pass
			2	22.38	0.7	20.93	<=34.77	Pass
			3	22.27	0.7	20.82	<=34.77	Pass
		6	0	21.30	0.7	19.85	<=34.77	Pass
	707.5	1	0	22.45	0.7	21	<=34.77	Pass
			2	22.54	0.7	21.09	<=34.77	Pass
			5	22.41	0.7	20.96	<=34.77	Pass
		3	0	22.55	0.7	21.1	<=34.77	Pass
			2	22.66	0.7	21.21	<=34.77	Pass
			3	22.57	0.7	21.12	<=34.77	Pass
		6	0	21.41	0.7	19.96	<=34.77	Pass
	715.3	1	0	22.60	0.7	21.15	<=34.77	Pass
			2	22.64	0.7	21.19	<=34.77	Pass

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			5	22.53	0.7	21.08	<=34.77	Pass
		3	0	22.37	0.7	20.92	<=34.77	Pass
			2	22.45	0.7	21	<=34.77	Pass
			3	22.35	0.7	20.9	<=34.77	Pass
		6	0	21.41	0.7	19.96	<=34.77	Pass
64QAM	699.7	1	0	21.62	0.7	20.17	<=34.77	Pass
			2	21.57	0.7	20.12	<=34.77	Pass
			5	21.54	0.7	20.09	<=34.77	Pass
		3	0	21.42	0.7	19.97	<=34.77	Pass
			2	21.52	0.7	20.07	<=34.77	Pass
			3	21.53	0.7	20.08	<=34.77	Pass
		6	0	20.56	0.7	19.11	<=34.77	Pass
	707.5	1	0	22.19	0.7	20.74	<=34.77	Pass
			2	22.21	0.7	20.76	<=34.77	Pass
			5	22.21	0.7	20.76	<=34.77	Pass
		3	0	22.17	0.7	20.72	<=34.77	Pass
			2	22.22	0.7	20.77	<=34.77	Pass
			3	22.23	0.7	20.78	<=34.77	Pass
		6	0	22.24	0.7	20.79	<=34.77	Pass
	715.3	1	0	21.50	0.7	20.05	<=34.77	Pass
			2	21.55	0.7	20.1	<=34.77	Pass
			5	21.51	0.7	20.06	<=34.77	Pass
		3	0	21.54	0.7	20.09	<=34.77	Pass
			2	21.55	0.7	20.1	<=34.77	Pass
			3	21.56	0.7	20.11	<=34.77	Pass
		6	0	21.56	0.7	20.11	<=34.77	Pass
256QAM	699.7	1	0	18.52	0.7	17.07	<=34.77	Pass
			2	18.74	0.7	17.29	<=34.77	Pass
			5	18.63	0.7	17.18	<=34.77	Pass
		3	0	18.55	0.7	17.1	<=34.77	Pass
			2	18.39	0.7	16.94	<=34.77	Pass
			3	18.51	0.7	17.06	<=34.77	Pass
		6	0	18.46	0.7	17.01	<=34.77	Pass
	707.5	1	0	18.85	0.7	17.4	<=34.77	Pass
			2	19.13	0.7	17.68	<=34.77	Pass
			5	18.92	0.7	17.47	<=34.77	Pass
		3	0	18.60	0.7	17.15	<=34.77	Pass
			2	18.55	0.7	17.1	<=34.77	Pass
			3	18.60	0.7	17.15	<=34.77	Pass
		6	0	18.62	0.7	17.17	<=34.77	Pass
	715.3	1	0	18.46	0.7	17.01	<=34.77	Pass
			2	18.47	0.7	17.02	<=34.77	Pass
			5	18.36	0.7	16.91	<=34.77	Pass
		3	0	18.47	0.7	17.02	<=34.77	Pass
			2	18.56	0.7	17.11	<=34.77	Pass
			3	18.48	0.7	17.03	<=34.77	Pass
		6	0	18.77	0.7	17.32	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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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	23.30	0.7	21.85	<=34.77	Pass
			7	23.28	0.7	21.83	<=34.77	Pass
			14	23.28	0.7	21.83	<=34.77	Pass
		8	0	22.40	0.7	20.95	<=34.77	Pass
			4	22.39	0.7	20.94	<=34.77	Pass
			7	22.36	0.7	20.91	<=34.77	Pass
		15	0	22.37	0.7	20.92	<=34.77	Pass
	707.5	1	0	23.51	0.7	22.06	<=34.77	Pass
			7	23.41	0.7	21.96	<=34.77	Pass
			14	23.42	0.7	21.97	<=34.77	Pass
		8	0	22.48	0.7	21.03	<=34.77	Pass
			4	22.47	0.7	21.02	<=34.77	Pass
			7	22.45	0.7	21	<=34.77	Pass
		15	0	22.45	0.7	21	<=34.77	Pass
	714.5	1	0	23.47	0.7	22.02	<=34.77	Pass
			7	23.30	0.7	21.85	<=34.77	Pass
			14	23.39	0.7	21.94	<=34.77	Pass
		8	0	22.51	0.7	21.06	<=34.77	Pass
			4	22.51	0.7	21.06	<=34.77	Pass
			7	22.48	0.7	21.03	<=34.77	Pass
		15	0	22.47	0.7	21.02	<=34.77	Pass
16QAM	700.5	1	0	23.04	0.7	21.59	<=34.77	Pass
			7	22.95	0.7	21.5	<=34.77	Pass
			14	22.96	0.7	21.51	<=34.77	Pass
		8	0	21.58	0.7	20.13	<=34.77	Pass
			4	21.59	0.7	20.14	<=34.77	Pass
			7	21.51	0.7	20.06	<=34.77	Pass
		15	0	21.45	0.7	20	<=34.77	Pass
	707.5	1	0	22.60	0.7	21.15	<=34.77	Pass
			7	22.61	0.7	21.16	<=34.77	Pass
			14	22.61	0.7	21.16	<=34.77	Pass
		8	0	21.50	0.7	20.05	<=34.77	Pass
			4	21.46	0.7	20.01	<=34.77	Pass
			7	21.48	0.7	20.03	<=34.77	Pass
		15	0	21.41	0.7	19.96	<=34.77	Pass
	714.5	1	0	22.51	0.7	21.06	<=34.77	Pass
			7	22.55	0.7	21.1	<=34.77	Pass
			14	22.41	0.7	20.96	<=34.77	Pass

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		8	0	21.53	0.7	20.08	<=34.77	Pass
			4	21.56	0.7	20.11	<=34.77	Pass
			7	21.46	0.7	20.01	<=34.77	Pass
		15	0	21.55	0.7	20.1	<=34.77	Pass
64QAM	700.5	1	0	21.65	0.7	20.2	<=34.77	Pass
			7	21.46	0.7	20.01	<=34.77	Pass
			14	21.62	0.7	20.17	<=34.77	Pass
		8	0	20.37	0.7	18.92	<=34.77	Pass
			4	20.46	0.7	19.01	<=34.77	Pass
			7	20.42	0.7	18.97	<=34.77	Pass
		15	0	20.62	0.7	19.17	<=34.77	Pass
	707.5	1	0	22.12	0.7	20.67	<=34.77	Pass
			7	22.23	0.7	20.78	<=34.77	Pass
			14	22.18	0.7	20.73	<=34.77	Pass
		8	0	22.16	0.7	20.71	<=34.77	Pass
			4	22.17	0.7	20.72	<=34.77	Pass
			7	22.16	0.7	20.71	<=34.77	Pass
		15	0	22.16	0.7	20.71	<=34.77	Pass
	714.5	1	0	21.95	0.7	20.5	<=34.77	Pass
			7	21.96	0.7	20.51	<=34.77	Pass
			14	21.96	0.7	20.51	<=34.77	Pass
		8	0	21.97	0.7	20.52	<=34.77	Pass
			4	21.99	0.7	20.54	<=34.77	Pass
			7	21.96	0.7	20.51	<=34.77	Pass
		15	0	22.00	0.7	20.55	<=34.77	Pass
256QAM	700.5	1	0	18.41	0.7	16.96	<=34.77	Pass
			7	18.31	0.7	16.86	<=34.77	Pass
			14	18.27	0.7	16.82	<=34.77	Pass
		8	0	18.49	0.7	17.04	<=34.77	Pass
			4	18.46	0.7	17.01	<=34.77	Pass
			7	18.45	0.7	17	<=34.77	Pass
		15	0	18.64	0.7	17.19	<=34.77	Pass
	707.5	1	0	18.72	0.7	17.27	<=34.77	Pass
			7	18.73	0.7	17.28	<=34.77	Pass
			14	18.68	0.7	17.23	<=34.77	Pass
		8	0	18.83	0.7	17.38	<=34.77	Pass
			4	18.82	0.7	17.37	<=34.77	Pass
			7	18.80	0.7	17.35	<=34.77	Pass
		15	0	18.76	0.7	17.31	<=34.77	Pass
	714.5	1	0	19.17	0.7	17.72	<=34.77	Pass
			7	19.17	0.7	17.72	<=34.77	Pass
			14	18.99	0.7	17.54	<=34.77	Pass
		8	0	18.76	0.7	17.31	<=34.77	Pass
			4	18.75	0.7	17.3	<=34.77	Pass
			7	18.72	0.7	17.27	<=34.77	Pass
		15	0	18.73	0.7	17.28	<=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	23.29	0.7	21.84	<=34.77	Pass
			13	23.35	0.7	21.9	<=34.77	Pass
			24	23.32	0.7	21.87	<=34.77	Pass
		12	0	22.44	0.7	20.99	<=34.77	Pass
			6	22.43	0.7	20.98	<=34.77	Pass
			13	22.39	0.7	20.94	<=34.77	Pass
		25	0	22.43	0.7	20.98	<=34.77	Pass
	707.5	1	0	23.44	0.7	21.99	<=34.77	Pass
			13	23.49	0.7	22.04	<=34.77	Pass
			24	23.47	0.7	22.02	<=34.77	Pass
		12	0	22.47	0.7	21.02	<=34.77	Pass
			6	22.49	0.7	21.04	<=34.77	Pass
			13	22.51	0.7	21.06	<=34.77	Pass
		25	0	22.47	0.7	21.02	<=34.77	Pass
	713.5	1	0	23.52	0.7	22.07	<=34.77	Pass
			13	23.49	0.7	22.04	<=34.77	Pass
			24	23.40	0.7	21.95	<=34.77	Pass
		12	0	22.47	0.7	21.02	<=34.77	Pass
			6	22.47	0.7	21.02	<=34.77	Pass
			13	22.48	0.7	21.03	<=34.77	Pass
		25	0	22.43	0.7	20.98	<=34.77	Pass
16QAM	701.5	1	0	22.23	0.7	20.78	<=34.77	Pass
			13	22.45	0.7	21	<=34.77	Pass
			24	22.32	0.7	20.87	<=34.77	Pass
		12	0	21.40	0.7	19.95	<=34.77	Pass
			6	21.45	0.7	20	<=34.77	Pass
			13	21.38	0.7	19.93	<=34.77	Pass
		25	0	21.46	0.7	20.01	<=34.77	Pass
	707.5	1	0	22.70	0.7	21.25	<=34.77	Pass
			13	22.79	0.7	21.34	<=34.77	Pass
			24	22.70	0.7	21.25	<=34.77	Pass
		12	0	21.53	0.7	20.08	<=34.77	Pass
			6	21.54	0.7	20.09	<=34.77	Pass
			13	21.54	0.7	20.09	<=34.77	Pass
		25	0	21.46	0.7	20.01	<=34.77	Pass
	713.5	1	0	22.65	0.7	21.2	<=34.77	Pass
			13	22.69	0.7	21.24	<=34.77	Pass
			24	22.49	0.7	21.04	<=34.77	Pass
		12	0	21.43	0.7	19.98	<=34.77	Pass
			6	21.44	0.7	19.99	<=34.77	Pass

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			13	21.43	0.7	19.98	<=34.77	Pass
		25	0	21.43	0.7	19.98	<=34.77	Pass
64QAM	701.5	1	0	21.61	0.7	20.16	<=34.77	Pass
			13	21.64	0.7	20.19	<=34.77	Pass
			24	21.66	0.7	20.21	<=34.77	Pass
		12	0	21.62	0.7	20.17	<=34.77	Pass
			6	21.64	0.7	20.19	<=34.77	Pass
			13	21.68	0.7	20.23	<=34.77	Pass
		25	0	21.71	0.7	20.26	<=34.77	Pass
	707.5	1	0	21.87	0.7	20.42	<=34.77	Pass
			13	21.89	0.7	20.44	<=34.77	Pass
			24	21.85	0.7	20.4	<=34.77	Pass
		12	0	21.83	0.7	20.38	<=34.77	Pass
			6	21.83	0.7	20.38	<=34.77	Pass
			13	21.85	0.7	20.4	<=34.77	Pass
		25	0	21.85	0.7	20.4	<=34.77	Pass
	713.5	1	0	22.05	0.7	20.6	<=34.77	Pass
			13	22.08	0.7	20.63	<=34.77	Pass
			24	22.10	0.7	20.65	<=34.77	Pass
		12	0	22.09	0.7	20.64	<=34.77	Pass
			6	22.07	0.7	20.62	<=34.77	Pass
			13	22.07	0.7	20.62	<=34.77	Pass
		25	0	22.07	0.7	20.62	<=34.77	Pass
256QAM	701.5	1	0	18.28	0.7	16.83	<=34.77	Pass
			13	18.31	0.7	16.86	<=34.77	Pass
			24	18.32	0.7	16.87	<=34.77	Pass
		12	0	18.64	0.7	17.19	<=34.77	Pass
			6	18.70	0.7	17.25	<=34.77	Pass
			13	18.64	0.7	17.19	<=34.77	Pass
		25	0	18.67	0.7	17.22	<=34.77	Pass
	707.5	1	0	18.80	0.7	17.35	<=34.77	Pass
			13	18.89	0.7	17.44	<=34.77	Pass
			24	18.91	0.7	17.46	<=34.77	Pass
		12	0	18.77	0.7	17.32	<=34.77	Pass
			6	18.75	0.7	17.3	<=34.77	Pass
			13	18.75	0.7	17.3	<=34.77	Pass
		25	0	18.65	0.7	17.2	<=34.77	Pass
	713.5	1	0	18.76	0.7	17.31	<=34.77	Pass
			13	18.83	0.7	17.38	<=34.77	Pass
			24	18.75	0.7	17.3	<=34.77	Pass
		12	0	18.73	0.7	17.28	<=34.77	Pass
			6	18.76	0.7	17.31	<=34.77	Pass
			13	18.75	0.7	17.3	<=34.77	Pass
		25	0	18.68	0.7	17.23	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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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	23.38	0.7	21.93	<=34.77	Pass
			25	23.49	0.7	22.04	<=34.77	Pass
			49	23.45	0.7	22	<=34.77	Pass
		25	0	22.39	0.7	20.94	<=34.77	Pass
			13	22.55	0.7	21.1	<=34.77	Pass
			25	22.48	0.7	21.03	<=34.77	Pass
		50	0	22.53	0.7	21.08	<=34.77	Pass
	707.5	1	0	23.35	0.7	21.9	<=34.77	Pass
			25	23.40	0.7	21.95	<=34.77	Pass
			49	23.38	0.7	21.93	<=34.77	Pass
		25	0	22.48	0.7	21.03	<=34.77	Pass
			13	22.50	0.7	21.05	<=34.77	Pass
			25	22.55	0.7	21.1	<=34.77	Pass
		50	0	22.44	0.7	20.99	<=34.77	Pass
	711	1	0	23.47	0.7	22.02	<=34.77	Pass
			25	23.41	0.7	21.96	<=34.77	Pass
			49	23.36	0.7	21.91	<=34.77	Pass
		25	0	22.47	0.7	21.02	<=34.77	Pass
			13	22.53	0.7	21.08	<=34.77	Pass
			25	22.48	0.7	21.03	<=34.77	Pass
		50	0	22.49	0.7	21.04	<=34.77	Pass
16QAM	704	1	0	23.10	0.7	21.65	<=34.77	Pass
			25	23.06	0.7	21.61	<=34.77	Pass
			49	23.12	0.7	21.67	<=34.77	Pass
		25	0	21.46	0.7	20.01	<=34.77	Pass
			13	21.57	0.7	20.12	<=34.77	Pass
			25	21.53	0.7	20.08	<=34.77	Pass
		50	0	21.52	0.7	20.07	<=34.77	Pass
	707.5	1	0	22.63	0.7	21.18	<=34.77	Pass
			25	22.61	0.7	21.16	<=34.77	Pass
			49	22.61	0.7	21.16	<=34.77	Pass
		25	0	21.50	0.7	20.05	<=34.77	Pass
			13	21.50	0.7	20.05	<=34.77	Pass
			25	21.56	0.7	20.11	<=34.77	Pass
		50	0	21.48	0.7	20.03	<=34.77	Pass
	711	1	0	22.57	0.7	21.12	<=34.77	Pass
			25	22.40	0.7	20.95	<=34.77	Pass
			49	22.42	0.7	20.97	<=34.77	Pass
		25	0	21.55	0.7	20.1	<=34.77	Pass
			13	21.63	0.7	20.18	<=34.77	Pass

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			25	21.60	0.7	20.15	<=34.77	Pass
		50	0	21.44	0.7	19.99	<=34.77	Pass
64QAM	704	1	0	21.51	0.7	20.06	<=34.77	Pass
			25	21.50	0.7	20.05	<=34.77	Pass
			49	21.49	0.7	20.04	<=34.77	Pass
		25	0	21.45	0.7	20	<=34.77	Pass
			13	21.46	0.7	20.01	<=34.77	Pass
			25	21.46	0.7	20.01	<=34.77	Pass
		50	0	21.52	0.7	20.07	<=34.77	Pass
	707.5	1	0	21.58	0.7	20.13	<=34.77	Pass
			25	21.61	0.7	20.16	<=34.77	Pass
			49	21.62	0.7	20.17	<=34.77	Pass
		25	0	21.63	0.7	20.18	<=34.77	Pass
			13	21.65	0.7	20.2	<=34.77	Pass
			25	21.64	0.7	20.19	<=34.77	Pass
		50	0	21.63	0.7	20.18	<=34.77	Pass
	711	1	0	21.87	0.7	20.42	<=34.77	Pass
			25	21.91	0.7	20.46	<=34.77	Pass
			49	21.85	0.7	20.4	<=34.77	Pass
		25	0	21.88	0.7	20.43	<=34.77	Pass
			13	21.90	0.7	20.45	<=34.77	Pass
			25	21.89	0.7	20.44	<=34.77	Pass
		50	0	21.89	0.7	20.44	<=34.77	Pass
256QAM	704	1	0	19.16	0.7	17.71	<=34.77	Pass
			25	19.26	0.7	17.81	<=34.77	Pass
			49	19.41	0.7	17.96	<=34.77	Pass
		25	0	18.73	0.7	17.28	<=34.77	Pass
			13	18.74	0.7	17.29	<=34.77	Pass
			25	18.78	0.7	17.33	<=34.77	Pass
		50	0	18.75	0.7	17.3	<=34.77	Pass
	707.5	1	0	18.44	0.7	16.99	<=34.77	Pass
			25	18.51	0.7	17.06	<=34.77	Pass
			49	18.55	0.7	17.1	<=34.77	Pass
		25	0	18.73	0.7	17.28	<=34.77	Pass
			13	18.74	0.7	17.29	<=34.77	Pass
			25	18.81	0.7	17.36	<=34.77	Pass
		50	0	18.68	0.7	17.23	<=34.77	Pass
	711	1	0	18.72	0.7	17.27	<=34.77	Pass
			25	18.74	0.7	17.29	<=34.77	Pass
			49	18.76	0.7	17.31	<=34.77	Pass
		25	0	18.69	0.7	17.24	<=34.77	Pass
			13	18.76	0.7	17.31	<=34.77	Pass
			25	18.78	0.7	17.33	<=34.77	Pass
		50	0	18.76	0.7	17.31	<=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	3.55	-9.513	-0.0136	/	Pass
					4.0	-19.927	-0.0285	/	Pass
					4.4	-14.620	-0.0209	/	Pass
				-30	4.0	-7.010	-0.0100	/	Pass
				-20	4.0	-2.403	-0.0034	/	Pass
				-10	4.0	-0.229	-0.0003	/	Pass
				0	4.0	-0.057	-0.0001	/	Pass
				10	4.0	0.958	0.0014	/	Pass
				30	4.0	0.415	0.0006	/	Pass
				40	4.0	0.758	0.0011	/	Pass
				50	4.0	0.844	0.0012	/	Pass
	707.5	6	0	20	3.55	0.944	0.0013	/	Pass
					4.0	6.251	0.0088	/	Pass
					4.4	14.462	0.0204	/	Pass
				-30	4.0	12.918	0.0183	/	Pass
				-20	4.0	7.939	0.0112	/	Pass
				-10	4.0	2.975	0.0042	/	Pass
				0	4.0	1.631	0.0023	/	Pass
				10	4.0	1.545	0.0022	/	Pass
				30	4.0	1.030	0.0015	/	Pass
				40	4.0	0.515	0.0007	/	Pass
				50	4.0	0.343	0.0005	/	Pass
	715.3	6	0	20	3.55	11.015	0.0154	/	Pass
					4.0	6.208	0.0087	/	Pass
					4.4	3.619	0.0051	/	Pass
				-30	4.0	1.502	0.0021	/	Pass
				-20	4.0	1.931	0.0027	/	Pass
				-10	4.0	0.930	0.0013	/	Pass
				0	4.0	1.116	0.0016	/	Pass
				10	4.0	0.100	0.0001	/	Pass
				30	4.0	1.845	0.0026	/	Pass
				40	4.0	-0.529	-0.0007	/	Pass
				50	4.0	-0.415	-0.0006	/	Pass
16QAM	699.7	6	0	20	3.55	0.358	0.0005	/	Pass
					4.0	1.287	0.0018	/	Pass
					4.4	1.216	0.0017	/	Pass
				-30	4.0	1.059	0.0015	/	Pass

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				-20	4.0	0.215	0.0003	/	Pass
				-10	4.0	0.243	0.0003	/	Pass
				0	4.0	0.601	0.0009	/	Pass
				10	4.0	0.787	0.0011	/	Pass
				30	4.0	1.345	0.0019	/	Pass
				40	4.0	0.544	0.0008	/	Pass
				50	4.0	0.830	0.0012	/	Pass
	707.5	6	0	20	3.55	1.216	0.0017	/	Pass
					4.0	1.030	0.0015	/	Pass
					4.4	0.744	0.0011	/	Pass
				-30	4.0	1.044	0.0015	/	Pass
				-20	4.0	0.715	0.0010	/	Pass
				-10	4.0	1.531	0.0022	/	Pass
				0	4.0	0.730	0.0010	/	Pass
				10	4.0	1.616	0.0023	/	Pass
				30	4.0	1.645	0.0023	/	Pass
				40	4.0	0.930	0.0013	/	Pass
				50	4.0	0.687	0.0010	/	Pass
	715.3	6	0	20	3.55	0.086	0.0001	/	Pass
					4.0	0.944	0.0013	/	Pass
					4.4	0.772	0.0011	/	Pass
				-30	4.0	-0.215	-0.0003	/	Pass
				-20	4.0	0.401	0.0006	/	Pass
				-10	4.0	0.587	0.0008	/	Pass
				0	4.0	-0.029	0.0000	/	Pass
				10	4.0	0.286	0.0004	/	Pass
				30	4.0	1.516	0.0021	/	Pass
				40	4.0	0.572	0.0008	/	Pass
				50	4.0	0.615	0.0009	/	Pass
64QAM	699.7	6	0	20	3.55	-8.054	-0.0115	/	Pass
					4.0	-17.495	-0.0250	/	Pass
					4.4	-15.864	-0.0227	/	Pass
				-30	4.0	-21.257	-0.0304	/	Pass
				-20	4.0	-18.539	-0.0265	/	Pass
				-10	4.0	-17.824	-0.0255	/	Pass
				0	4.0	-14.777	-0.0211	/	Pass
				10	4.0	-11.058	-0.0158	/	Pass
				30	4.0	-7.424	-0.0106	/	Pass
				40	4.0	-5.293	-0.0076	/	Pass
				50	4.0	-4.263	-0.0061	/	Pass
	707.5	6	0	20	3.55	-23.618	-0.0334	/	Pass
					4.0	-19.526	-0.0276	/	Pass
					4.4	-15.836	-0.0224	/	Pass
				-30	4.0	-11.401	-0.0161	/	Pass
				-20	4.0	-7.496	-0.0106	/	Pass
				-10	4.0	-5.450	-0.0077	/	Pass
				0	4.0	-5.107	-0.0072	/	Pass
				10	4.0	-3.819	-0.0054	/	Pass

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				30	4.0	-3.977	-0.0056	/	Pass
				40	4.0	-2.375	-0.0034	/	Pass
				50	4.0	-1.187	-0.0017	/	Pass
	715.3	6	0	20	3.55	-19.827	-0.0277	/	Pass
					4.0	-21.658	-0.0303	/	Pass
					4.4	-18.425	-0.0258	/	Pass
				-30	4.0	-14.935	-0.0209	/	Pass
				-20	4.0	-11.687	-0.0163	/	Pass
				-10	4.0	-7.596	-0.0106	/	Pass
				0	4.0	-5.393	-0.0075	/	Pass
				10	4.0	-4.063	-0.0057	/	Pass
				30	4.0	-2.975	-0.0042	/	Pass
				40	4.0	-2.747	-0.0038	/	Pass
				50	4.0	-1.717	-0.0024	/	Pass
256QAM	699.7	6	0	20	3.55	-3.419	-0.0049	/	Pass
					4.0	-1.588	-0.0023	/	Pass
					4.4	-0.973	-0.0014	/	Pass
				-30	4.0	-1.516	-0.0022	/	Pass
				-20	4.0	-0.572	-0.0008	/	Pass
				-10	4.0	-0.315	-0.0005	/	Pass
				0	4.0	0.315	0.0005	/	Pass
				10	4.0	1.101	0.0016	/	Pass
				30	4.0	0.401	0.0006	/	Pass
				40	4.0	0.801	0.0011	/	Pass
				50	4.0	-1.187	-0.0017	/	Pass
	707.5	6	0	20	3.55	-1.688	-0.0024	/	Pass
					4.0	-1.059	-0.0015	/	Pass
					4.4	-1.502	-0.0021	/	Pass
				-30	4.0	-0.315	-0.0004	/	Pass
				-20	4.0	-0.358	-0.0005	/	Pass
				-10	4.0	-0.701	-0.0010	/	Pass
				0	4.0	-0.429	-0.0006	/	Pass
				10	4.0	-0.587	-0.0008	/	Pass
				30	4.0	-0.129	-0.0002	/	Pass
				40	4.0	0.000	0.0000	/	Pass
				50	4.0	-0.029	0.0000	/	Pass
	715.3	6	0	20	3.55	-1.502	-0.0021	/	Pass
					4.0	-0.200	-0.0003	/	Pass
					4.4	-0.830	-0.0012	/	Pass
				-30	4.0	-0.229	-0.0003	/	Pass
				-20	4.0	-0.544	-0.0008	/	Pass
				-10	4.0	-0.343	-0.0005	/	Pass
				0	4.0	-0.315	-0.0004	/	Pass
				10	4.0	-0.043	-0.0001	/	Pass
				30	4.0	0.029	0.0000	/	Pass
				40	4.0	-0.415	-0.0006	/	Pass
				50	4.0	-0.958	-0.0013	/	Pass

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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	3.55	0.672	0.0010	/	Pass
					4.0	0.515	0.0007	/	Pass
					4.4	-0.114	-0.0002	/	Pass
				-30	4.0	0.501	0.0007	/	Pass
				-20	4.0	0.844	0.0012	/	Pass
				-10	4.0	0.458	0.0007	/	Pass
				0	4.0	0.558	0.0008	/	Pass
				10	4.0	0.215	0.0003	/	Pass
				30	4.0	-0.286	-0.0004	/	Pass
				40	4.0	0.014	0.0000	/	Pass
				50	4.0	0.129	0.0002	/	Pass
	707.5	15	0	20	3.55	1.831	0.0026	/	Pass
					4.0	0.787	0.0011	/	Pass
					4.4	-0.057	-0.0001	/	Pass
				-30	4.0	1.774	0.0025	/	Pass
				-20	4.0	1.187	0.0017	/	Pass
				-10	4.0	0.172	0.0002	/	Pass
				0	4.0	0.615	0.0009	/	Pass
				10	4.0	0.486	0.0007	/	Pass
				30	4.0	0.401	0.0006	/	Pass
				40	4.0	-0.172	-0.0002	/	Pass
				50	4.0	-0.615	-0.0009	/	Pass
	714.5	15	0	20	3.55	0.486	0.0007	/	Pass
					4.0	0.243	0.0003	/	Pass
					4.4	0.787	0.0011	/	Pass
				-30	4.0	0.157	0.0002	/	Pass
				-20	4.0	0.415	0.0006	/	Pass
				-10	4.0	0.229	0.0003	/	Pass
				0	4.0	0.043	0.0001	/	Pass
				10	4.0	0.615	0.0009	/	Pass
				30	4.0	-0.186	-0.0003	/	Pass
				40	4.0	0.329	0.0005	/	Pass
				50	4.0	0.100	0.0001	/	Pass
16QAM	700.5	15	0	20	3.55	-0.215	-0.0003	/	Pass
					4.0	0.157	0.0002	/	Pass
					4.4	0.272	0.0004	/	Pass
				-30	4.0	-0.815	-0.0012	/	Pass
				-20	4.0	-0.644	-0.0009	/	Pass
				-10	4.0	0.329	0.0005	/	Pass
				0	4.0	0.186	0.0003	/	Pass

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				10	4.0	-0.286	-0.0004	/	Pass
				30	4.0	0.257	0.0004	/	Pass
				40	4.0	-0.043	-0.0001	/	Pass
				50	4.0	0.472	0.0007	/	Pass
	707.5	15	0	20	3.55	-0.587	-0.0008	/	Pass
					4.0	0.172	0.0002	/	Pass
					4.4	-0.472	-0.0007	/	Pass
				-30	4.0	0.029	0.0000	/	Pass
				-20	4.0	-1.116	-0.0016	/	Pass
				-10	4.0	-0.286	-0.0004	/	Pass
				0	4.0	0.129	0.0002	/	Pass
				10	4.0	-0.343	-0.0005	/	Pass
				30	4.0	0.300	0.0004	/	Pass
				40	4.0	0.143	0.0002	/	Pass
				50	4.0	0.744	0.0011	/	Pass
	714.5	15	0	20	3.55	-0.315	-0.0004	/	Pass
					4.0	0.129	0.0002	/	Pass
					4.4	0.587	0.0008	/	Pass
				-30	4.0	0.815	0.0011	/	Pass
				-20	4.0	0.429	0.0006	/	Pass
				-10	4.0	0.501	0.0007	/	Pass
				0	4.0	-0.544	-0.0008	/	Pass
				10	4.0	-0.215	-0.0003	/	Pass
				30	4.0	-0.286	-0.0004	/	Pass
				40	4.0	0.358	0.0005	/	Pass
				50	4.0	0.200	0.0003	/	Pass
64QAM	700.5	15	0	20	3.55	0.930	0.0013	/	Pass
					4.0	1.788	0.0026	/	Pass
					4.4	1.574	0.0022	/	Pass
				-30	4.0	1.359	0.0019	/	Pass
				-20	4.0	1.345	0.0019	/	Pass
				-10	4.0	1.502	0.0021	/	Pass
				0	4.0	0.973	0.0014	/	Pass
				10	4.0	0.772	0.0011	/	Pass
				30	4.0	0.615	0.0009	/	Pass
				40	4.0	1.974	0.0028	/	Pass
				50	4.0	1.659	0.0024	/	Pass
	707.5	15	0	20	3.55	2.275	0.0032	/	Pass
					4.0	1.717	0.0024	/	Pass
					4.4	1.960	0.0028	/	Pass
				-30	4.0	1.717	0.0024	/	Pass
				-20	4.0	1.802	0.0025	/	Pass
				-10	4.0	1.373	0.0019	/	Pass
				0	4.0	1.745	0.0025	/	Pass
				10	4.0	1.774	0.0025	/	Pass
				30	4.0	2.561	0.0036	/	Pass
				40	4.0	1.974	0.0028	/	Pass
				50	4.0	1.745	0.0025	/	Pass

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	714.5	15	0	20	3.55	1.802	0.0025	/	Pass
					4.0	2.317	0.0032	/	Pass
					4.4	1.988	0.0028	/	Pass
				-30	4.0	0.844	0.0012	/	Pass
				-20	4.0	2.232	0.0031	/	Pass
				-10	4.0	1.974	0.0028	/	Pass
				0	4.0	2.460	0.0034	/	Pass
				10	4.0	2.189	0.0031	/	Pass
				30	4.0	2.060	0.0029	/	Pass
				40	4.0	1.545	0.0022	/	Pass
				50	4.0	2.103	0.0029	/	Pass
256QAM	700.5	15	0	20	3.55	1.702	0.0024	/	Pass
					4.0	0.873	0.0012	/	Pass
					4.4	0.758	0.0011	/	Pass
				-30	4.0	0.830	0.0012	/	Pass
				-20	4.0	0.343	0.0005	/	Pass
				-10	4.0	0.873	0.0012	/	Pass
				0	4.0	0.787	0.0011	/	Pass
				10	4.0	0.157	0.0002	/	Pass
				30	4.0	0.758	0.0011	/	Pass
				40	4.0	0.672	0.0010	/	Pass
				50	4.0	0.386	0.0006	/	Pass
	707.5	15	0	20	3.55	2.103	0.0030	/	Pass
					4.0	0.958	0.0014	/	Pass
					4.4	0.429	0.0006	/	Pass
				-30	4.0	0.529	0.0007	/	Pass
				-20	4.0	0.501	0.0007	/	Pass
				-10	4.0	0.572	0.0008	/	Pass
				0	4.0	0.257	0.0004	/	Pass
				10	4.0	1.030	0.0015	/	Pass
				30	4.0	1.388	0.0020	/	Pass
				40	4.0	2.203	0.0031	/	Pass
				50	4.0	1.817	0.0026	/	Pass
	714.5	15	0	20	3.55	1.116	0.0016	/	Pass
					4.0	1.588	0.0022	/	Pass
					4.4	0.343	0.0005	/	Pass
				-30	4.0	0.973	0.0014	/	Pass
				-20	4.0	0.758	0.0011	/	Pass
				-10	4.0	0.300	0.0004	/	Pass
				0	4.0	1.159	0.0016	/	Pass
				10	4.0	0.443	0.0006	/	Pass
				30	4.0	1.001	0.0014	/	Pass
				40	4.0	0.329	0.0005	/	Pass
				50	4.0	0.029	0.0000	/	Pass

2.3 B12_5MHz

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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	3.55	-0.329	-0.0005	/	Pass
					4.0	-0.515	-0.0007	/	Pass
					4.4	-0.143	-0.0002	/	Pass
				-30	4.0	0.200	0.0003	/	Pass
				-20	4.0	-0.086	-0.0001	/	Pass
				-10	4.0	-0.715	-0.0010	/	Pass
				0	4.0	-0.086	-0.0001	/	Pass
				10	4.0	0.014	0.0000	/	Pass
				30	4.0	-0.086	-0.0001	/	Pass
				40	4.0	-0.572	-0.0008	/	Pass
				50	4.0	-0.973	-0.0014	/	Pass
	707.5	25	0	20	3.55	0.072	0.0001	/	Pass
					4.0	1.016	0.0014	/	Pass
					4.4	1.845	0.0026	/	Pass
				-30	4.0	1.259	0.0018	/	Pass
				-20	4.0	0.300	0.0004	/	Pass
				-10	4.0	0.715	0.0010	/	Pass
				0	4.0	0.501	0.0007	/	Pass
				10	4.0	0.658	0.0009	/	Pass
				30	4.0	-0.229	-0.0003	/	Pass
				40	4.0	-0.472	-0.0007	/	Pass
				50	4.0	0.443	0.0006	/	Pass
	713.5	25	0	20	3.55	0.057	0.0001	/	Pass
					4.0	-1.059	-0.0015	/	Pass
					4.4	0.086	0.0001	/	Pass
				-30	4.0	-0.072	-0.0001	/	Pass
				-20	4.0	-1.431	-0.0020	/	Pass
				-10	4.0	-0.930	-0.0013	/	Pass
				0	4.0	-0.486	-0.0007	/	Pass
				10	4.0	-0.029	0.0000	/	Pass
				30	4.0	0.186	0.0003	/	Pass
				40	4.0	-0.644	-0.0009	/	Pass
				50	4.0	-0.415	-0.0006	/	Pass
16QAM	701.5	25	0	20	3.55	-0.386	-0.0006	/	Pass
					4.0	0.515	0.0007	/	Pass
					4.4	-0.973	-0.0014	/	Pass
				-30	4.0	0.114	0.0002	/	Pass
				-20	4.0	-0.443	-0.0006	/	Pass
				-10	4.0	-0.114	-0.0002	/	Pass
				0	4.0	-0.157	-0.0002	/	Pass
				10	4.0	-0.243	-0.0003	/	Pass
				30	4.0	-0.472	-0.0007	/	Pass
				40	4.0	0.315	0.0004	/	Pass

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				50	4.0	0.243	0.0003	/	Pass
	707.5	25	0	20	3.55	0.129	0.0002	/	Pass
					4.0	-0.086	-0.0001	/	Pass
					4.4	-0.401	-0.0006	/	Pass
				-30	4.0	-0.172	-0.0002	/	Pass
				-20	4.0	0.429	0.0006	/	Pass
				-10	4.0	0.014	0.0000	/	Pass
				0	4.0	-0.544	-0.0008	/	Pass
				10	4.0	0.229	0.0003	/	Pass
				30	4.0	0.129	0.0002	/	Pass
				40	4.0	-0.215	-0.0003	/	Pass
				50	4.0	-0.830	-0.0012	/	Pass
	713.5	25	0	20	3.55	-0.086	-0.0001	/	Pass
					4.0	0.629	0.0009	/	Pass
					4.4	0.529	0.0007	/	Pass
				-30	4.0	0.100	0.0001	/	Pass
				-20	4.0	0.887	0.0012	/	Pass
				-10	4.0	0.501	0.0007	/	Pass
				0	4.0	0.615	0.0009	/	Pass
				10	4.0	0.787	0.0011	/	Pass
				30	4.0	1.059	0.0015	/	Pass
				40	4.0	0.858	0.0012	/	Pass
				50	4.0	1.788	0.0025	/	Pass
64QAM	701.5	25	0	20	3.55	-0.243	-0.0003	/	Pass
					4.0	-0.372	-0.0005	/	Pass
					4.4	0.629	0.0009	/	Pass
				-30	4.0	0.172	0.0002	/	Pass
				-20	4.0	-1.016	-0.0014	/	Pass
				-10	4.0	-1.116	-0.0016	/	Pass
				0	4.0	-0.973	-0.0014	/	Pass
				10	4.0	-0.644	-0.0009	/	Pass
				30	4.0	-0.257	-0.0004	/	Pass
				40	4.0	-0.343	-0.0005	/	Pass
				50	4.0	-0.615	-0.0009	/	Pass
	707.5	25	0	20	3.55	0.000	0.0000	/	Pass
					4.0	-0.329	-0.0005	/	Pass
					4.4	-0.730	-0.0010	/	Pass
				-30	4.0	0.000	0.0000	/	Pass
				-20	4.0	-0.386	-0.0005	/	Pass
				-10	4.0	-0.072	-0.0001	/	Pass
				0	4.0	0.286	0.0004	/	Pass
				10	4.0	-0.343	-0.0005	/	Pass
				30	4.0	0.315	0.0004	/	Pass
				40	4.0	-0.701	-0.0010	/	Pass
				50	4.0	-0.300	-0.0004	/	Pass
	713.5	25	0	20	3.55	0.358	0.0005	/	Pass
					4.0	0.172	0.0002	/	Pass
					4.4	-0.758	-0.0011	/	Pass

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				-30	4.0	-0.286	-0.0004	/	Pass
				-20	4.0	0.329	0.0005	/	Pass
				-10	4.0	0.429	0.0006	/	Pass
				0	4.0	0.143	0.0002	/	Pass
				10	4.0	-0.744	-0.0010	/	Pass
				30	4.0	-0.529	-0.0007	/	Pass
				40	4.0	-0.029	0.0000	/	Pass
				50	4.0	-0.501	-0.0007	/	Pass
256QAM	701.5	25	0	20	3.55	0.229	0.0003	/	Pass
					4.0	-0.300	-0.0004	/	Pass
					4.4	-0.372	-0.0005	/	Pass
				-30	4.0	-1.073	-0.0015	/	Pass
				-20	4.0	-0.629	-0.0009	/	Pass
				-10	4.0	-1.016	-0.0014	/	Pass
				0	4.0	-0.715	-0.0010	/	Pass
				10	4.0	-0.615	-0.0009	/	Pass
				30	4.0	-0.443	-0.0006	/	Pass
				40	4.0	-1.273	-0.0018	/	Pass
				50	4.0	-0.672	-0.0010	/	Pass
	707.5	25	0	20	3.55	0.014	0.0000	/	Pass
					4.0	0.658	0.0009	/	Pass
					4.4	0.572	0.0008	/	Pass
				-30	4.0	0.172	0.0002	/	Pass
				-20	4.0	0.272	0.0004	/	Pass
				-10	4.0	0.315	0.0004	/	Pass
				0	4.0	0.014	0.0000	/	Pass
				10	4.0	-0.057	-0.0001	/	Pass
				30	4.0	0.715	0.0010	/	Pass
				40	4.0	0.858	0.0012	/	Pass
				50	4.0	0.014	0.0000	/	Pass
	713.5	25	0	20	3.55	-0.257	-0.0004	/	Pass
					4.0	0.243	0.0003	/	Pass
					4.4	0.315	0.0004	/	Pass
				-30	4.0	0.429	0.0006	/	Pass
				-20	4.0	0.072	0.0001	/	Pass
				-10	4.0	-0.286	-0.0004	/	Pass
				0	4.0	-0.200	-0.0003	/	Pass
				10	4.0	-0.758	-0.0011	/	Pass
				30	4.0	-0.958	-0.0013	/	Pass
				40	4.0	-0.401	-0.0006	/	Pass
				50	4.0	-0.529	-0.0007	/	Pass

2.4 B12_10MHz

2.4.1 Test Result

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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	3.55	-0.958	-0.0014	/	Pass
					4.0	-0.300	-0.0004	/	Pass
					4.4	0.372	0.0005	/	Pass
				-30	4.0	0.129	0.0002	/	Pass
				-20	4.0	-1.016	-0.0014	/	Pass
				-10	4.0	-0.901	-0.0013	/	Pass
				0	4.0	0.000	0.0000	/	Pass
				10	4.0	-0.372	-0.0005	/	Pass
				30	4.0	0.043	0.0001	/	Pass
				40	4.0	-0.758	-0.0011	/	Pass
				50	4.0	-0.243	-0.0003	/	Pass
	707.5	50	0	20	3.55	0.629	0.0009	/	Pass
					4.0	0.644	0.0009	/	Pass
					4.4	0.329	0.0005	/	Pass
				-30	4.0	0.372	0.0005	/	Pass
				-20	4.0	0.315	0.0004	/	Pass
				-10	4.0	0.172	0.0002	/	Pass
				0	4.0	0.243	0.0003	/	Pass
				10	4.0	0.000	0.0000	/	Pass
				30	4.0	0.787	0.0011	/	Pass
				40	4.0	-0.472	-0.0007	/	Pass
				50	4.0	-0.429	-0.0006	/	Pass
	711	50	0	20	3.55	-0.987	-0.0014	/	Pass
					4.0	-0.687	-0.0010	/	Pass
					4.4	-0.887	-0.0012	/	Pass
				-30	4.0	-1.345	-0.0019	/	Pass
				-20	4.0	-1.259	-0.0018	/	Pass
				-10	4.0	-1.130	-0.0016	/	Pass
				0	4.0	-0.930	-0.0013	/	Pass
				10	4.0	-0.801	-0.0011	/	Pass
				30	4.0	-1.216	-0.0017	/	Pass
				40	4.0	-0.372	-0.0005	/	Pass
				50	4.0	-0.858	-0.0012	/	Pass
16QAM	704	50	0	20	3.55	0.029	0.0000	/	Pass
					4.0	-0.315	-0.0004	/	Pass
					4.4	-1.001	-0.0014	/	Pass
				-30	4.0	-0.329	-0.0005	/	Pass
				-20	4.0	-0.830	-0.0012	/	Pass
				-10	4.0	-1.230	-0.0017	/	Pass
				0	4.0	-0.744	-0.0011	/	Pass
				10	4.0	-0.057	-0.0001	/	Pass
				30	4.0	-0.486	-0.0007	/	Pass
				40	4.0	-0.143	-0.0002	/	Pass
				50	4.0	-0.744	-0.0011	/	Pass
	707.5	50	0	20	3.55	0.086	0.0001	/	Pass

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					4.0	0.658	0.0009	/	Pass
					4.4	0.114	0.0002	/	Pass
				-30	4.0	0.401	0.0006	/	Pass
				-20	4.0	-0.772	-0.0011	/	Pass
				-10	4.0	-0.715	-0.0010	/	Pass
				0	4.0	-0.229	-0.0003	/	Pass
				10	4.0	-0.286	-0.0004	/	Pass
				30	4.0	-0.186	-0.0003	/	Pass
				40	4.0	-0.558	-0.0008	/	Pass
				50	4.0	0.029	0.0000	/	Pass
	711	50	0	20	3.55	-2.031	-0.0029	/	Pass
					4.0	-1.802	-0.0025	/	Pass
					4.4	-0.758	-0.0011	/	Pass
				-30	4.0	-0.558	-0.0008	/	Pass
				-20	4.0	-0.529	-0.0007	/	Pass
				-10	4.0	-1.130	-0.0016	/	Pass
				0	4.0	-0.615	-0.0009	/	Pass
				10	4.0	-1.717	-0.0024	/	Pass
				30	4.0	-1.016	-0.0014	/	Pass
				40	4.0	-1.030	-0.0014	/	Pass
				50	4.0	-1.130	-0.0016	/	Pass
64QAM	704	50	0	20	3.55	-0.958	-0.0014	/	Pass
					4.0	-0.973	-0.0014	/	Pass
					4.4	-0.844	-0.0012	/	Pass
				-30	4.0	-1.588	-0.0023	/	Pass
				-20	4.0	-1.459	-0.0021	/	Pass
				-10	4.0	-0.973	-0.0014	/	Pass
				0	4.0	-1.245	-0.0018	/	Pass
				10	4.0	-1.373	-0.0020	/	Pass
				30	4.0	-0.758	-0.0011	/	Pass
				40	4.0	-1.388	-0.0020	/	Pass
				50	4.0	-1.316	-0.0019	/	Pass
	707.5	50	0	20	3.55	-1.059	-0.0015	/	Pass
					4.0	-0.844	-0.0012	/	Pass
					4.4	-0.887	-0.0013	/	Pass
				-30	4.0	-0.286	-0.0004	/	Pass
				-20	4.0	-0.644	-0.0009	/	Pass
				-10	4.0	-0.901	-0.0013	/	Pass
				0	4.0	-1.230	-0.0017	/	Pass
				10	4.0	-0.572	-0.0008	/	Pass
				30	4.0	-0.901	-0.0013	/	Pass
				40	4.0	-0.730	-0.0010	/	Pass
				50	4.0	-0.858	-0.0012	/	Pass
	711	50	0	20	3.55	-0.072	-0.0001	/	Pass
					4.0	0.143	0.0002	/	Pass
					4.4	-0.257	-0.0004	/	Pass
				-30	4.0	-0.515	-0.0007	/	Pass
				-20	4.0	-0.715	-0.0010	/	Pass

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				-10	4.0	-1.245	-0.0018	/	Pass
				0	4.0	-0.172	-0.0002	/	Pass
				10	4.0	-0.072	-0.0001	/	Pass
				30	4.0	0.572	0.0008	/	Pass
				40	4.0	-0.629	-0.0009	/	Pass
				50	4.0	0.215	0.0003	/	Pass
256QAM	704	50	0	20	3.55	-1.688	-0.0024	/	Pass
					4.0	-0.787	-0.0011	/	Pass
					4.4	-0.772	-0.0011	/	Pass
				-30	4.0	-1.516	-0.0022	/	Pass
				-20	4.0	-0.014	0.0000	/	Pass
				-10	4.0	-0.787	-0.0011	/	Pass
				0	4.0	-0.329	-0.0005	/	Pass
				10	4.0	-0.901	-0.0013	/	Pass
				30	4.0	-1.187	-0.0017	/	Pass
				40	4.0	-0.472	-0.0007	/	Pass
				50	4.0	-1.345	-0.0019	/	Pass
	707.5	50	0	20	3.55	-0.558	-0.0008	/	Pass
					4.0	-0.672	-0.0009	/	Pass
					4.4	-0.215	-0.0003	/	Pass
				-30	4.0	-0.887	-0.0013	/	Pass
				-20	4.0	-0.372	-0.0005	/	Pass
				-10	4.0	0.029	0.0000	/	Pass
				0	4.0	-0.443	-0.0006	/	Pass
				10	4.0	-1.416	-0.0020	/	Pass
				30	4.0	-0.672	-0.0009	/	Pass
				40	4.0	-1.216	-0.0017	/	Pass
				50	4.0	-0.916	-0.0013	/	Pass
	711	50	0	20	3.55	0.000	0.0000	/	Pass
					4.0	0.014	0.0000	/	Pass
					4.4	-0.558	-0.0008	/	Pass
				-30	4.0	0.000	0.0000	/	Pass
				-20	4.0	0.472	0.0007	/	Pass
				-10	4.0	-0.486	-0.0007	/	Pass
				0	4.0	-0.072	-0.0001	/	Pass
				10	4.0	-0.229	-0.0003	/	Pass
				30	4.0	-0.887	-0.0012	/	Pass
				40	4.0	-0.315	-0.0004	/	Pass
				50	4.0	-0.300	-0.0004	/	Pass

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3. 99% & 26dB Bandwidth

3.1 Band12_OBW

3.1.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.107	/	Pass
		707.5	6	0	1.109	/	Pass
		715.3	6	0	1.095	/	Pass
	16QAM	699.7	6	0	1.103	/	Pass
		707.5	6	0	1.106	/	Pass
		715.3	6	0	1.104	/	Pass
	64QAM	699.7	6	0	1.103	/	Pass
		707.5	6	0	1.103	/	Pass
		715.3	6	0	1.100	/	Pass
	256QAM	699.7	6	0	1.104	/	Pass
		707.5	6	0	1.105	/	Pass
		715.3	6	0	1.107	/	Pass
3	QPSK	700.5	15	0	2.741	/	Pass
		707.5	15	0	2.743	/	Pass
		714.5	15	0	2.741	/	Pass
	16QAM	700.5	15	0	2.740	/	Pass
		707.5	15	0	2.734	/	Pass
		714.5	15	0	2.728	/	Pass
	64QAM	700.5	15	0	2.747	/	Pass
		707.5	15	0	2.739	/	Pass
		714.5	15	0	2.732	/	Pass
	256QAM	700.5	15	0	2.749	/	Pass
		707.5	15	0	2.742	/	Pass
		714.5	15	0	2.731	/	Pass
5	QPSK	701.5	25	0	4.552	/	Pass
		707.5	25	0	4.538	/	Pass
		713.5	25	0	4.549	/	Pass
	16QAM	701.5	25	0	4.532	/	Pass
		707.5	25	0	4.558	/	Pass
		713.5	25	0	4.550	/	Pass
	64QAM	701.5	25	0	4.535	/	Pass
		707.5	25	0	4.551	/	Pass
		713.5	25	0	4.549	/	Pass
	256QAM	701.5	25	0	4.537	/	Pass
		707.5	25	0	4.550	/	Pass
		713.5	25	0	4.554	/	Pass
10	QPSK	704	50	0	9.039	/	Pass

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		707.5	50	0	9.043	/	Pass
		711	50	0	9.061	/	Pass
	16QAM	704	50	0	9.048	/	Pass
		707.5	50	0	9.041	/	Pass
		711	50	0	9.033	/	Pass
	64QAM	704	50	0	9.052	/	Pass
		707.5	50	0	9.036	/	Pass
		711	50	0	9.049	/	Pass
	256QAM	704	50	0	9.020	/	Pass
		707.5	50	0	9.041	/	Pass
		711	50	0	9.056	/	Pass

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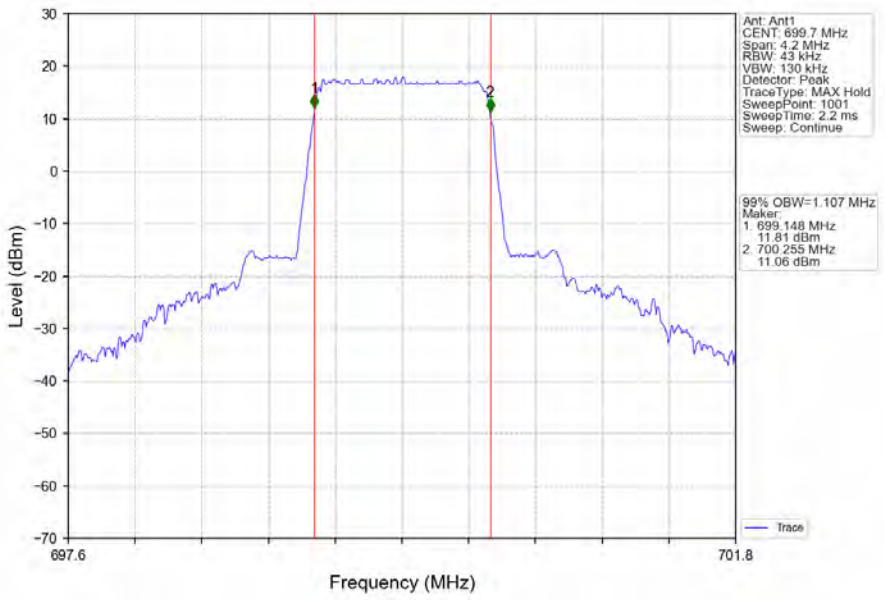
3.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV

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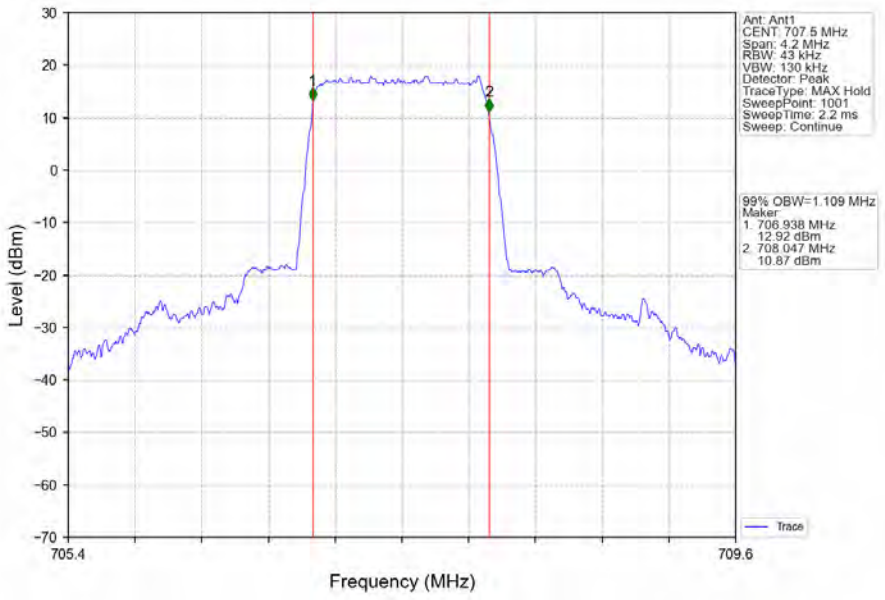

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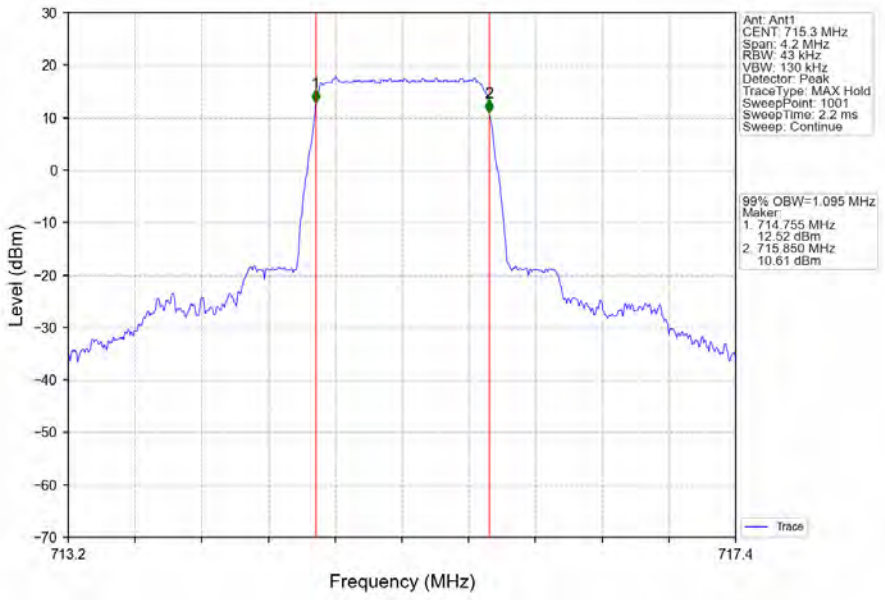
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

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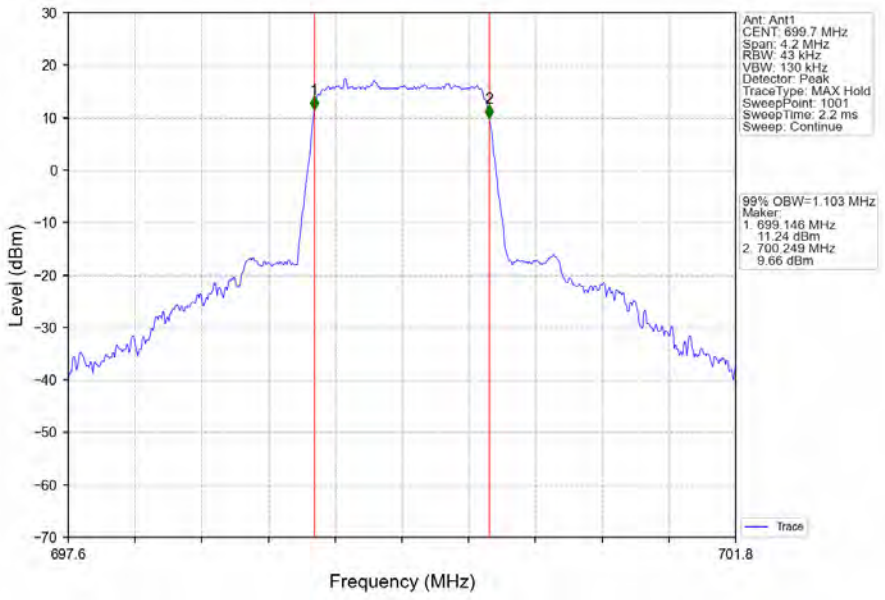

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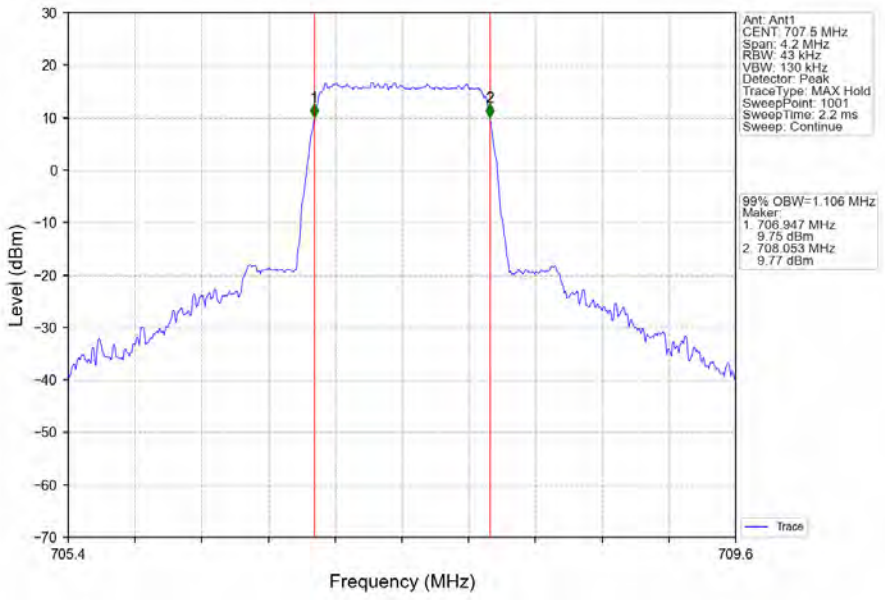

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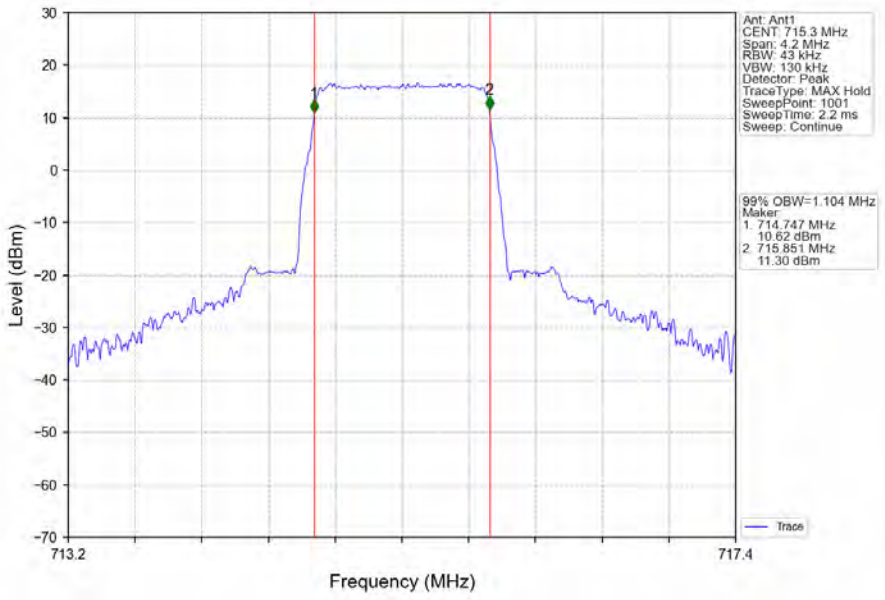

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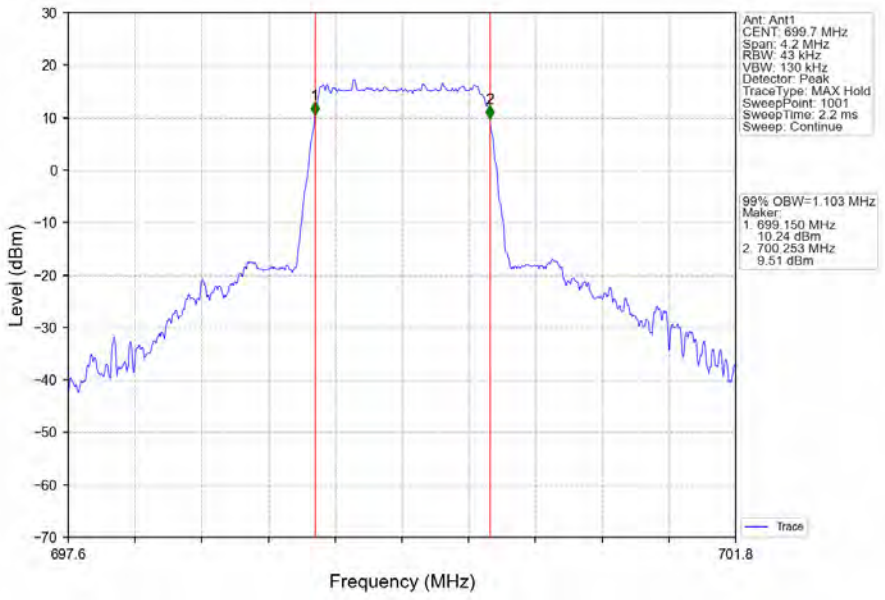

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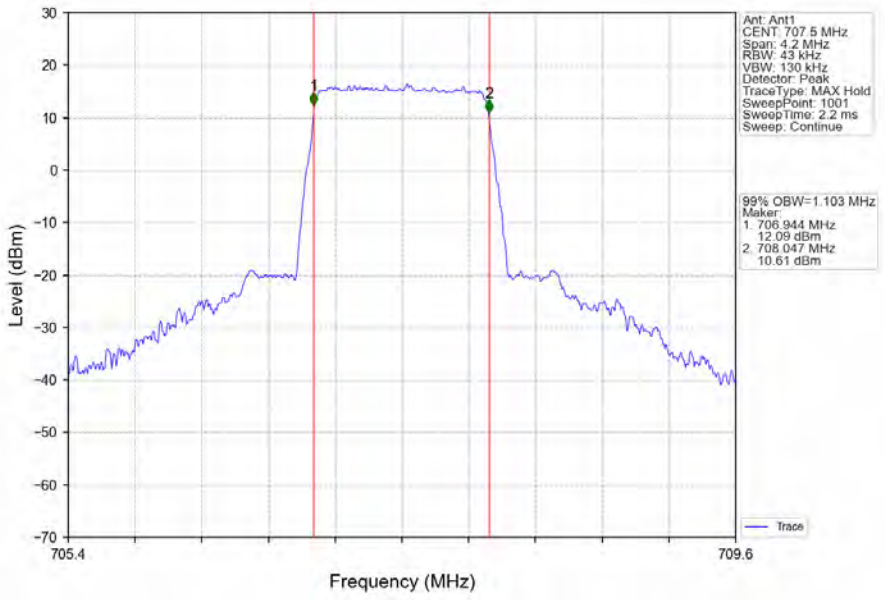

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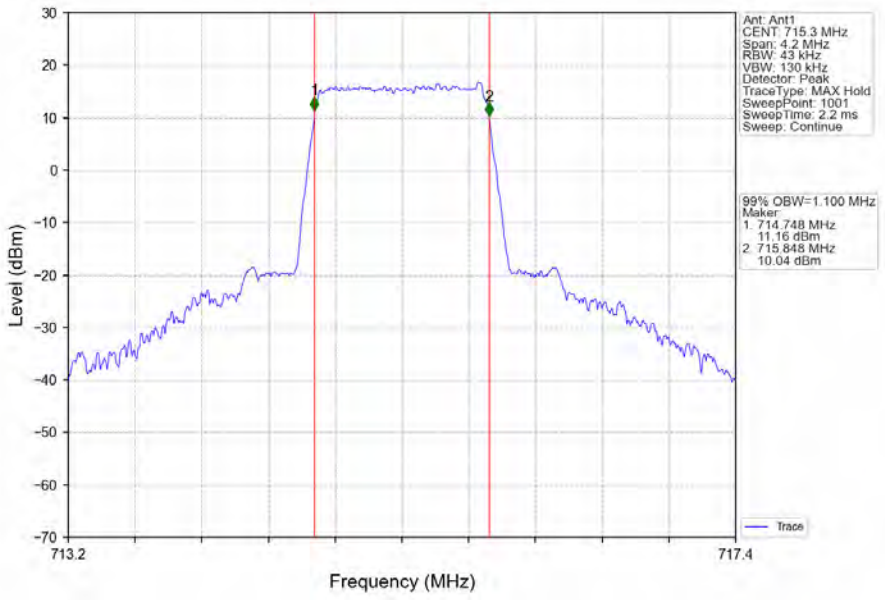

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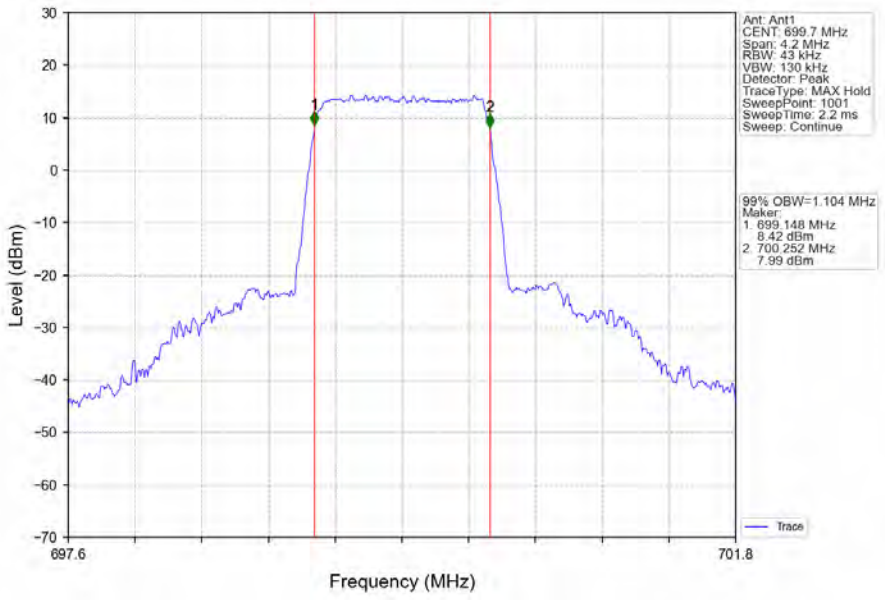

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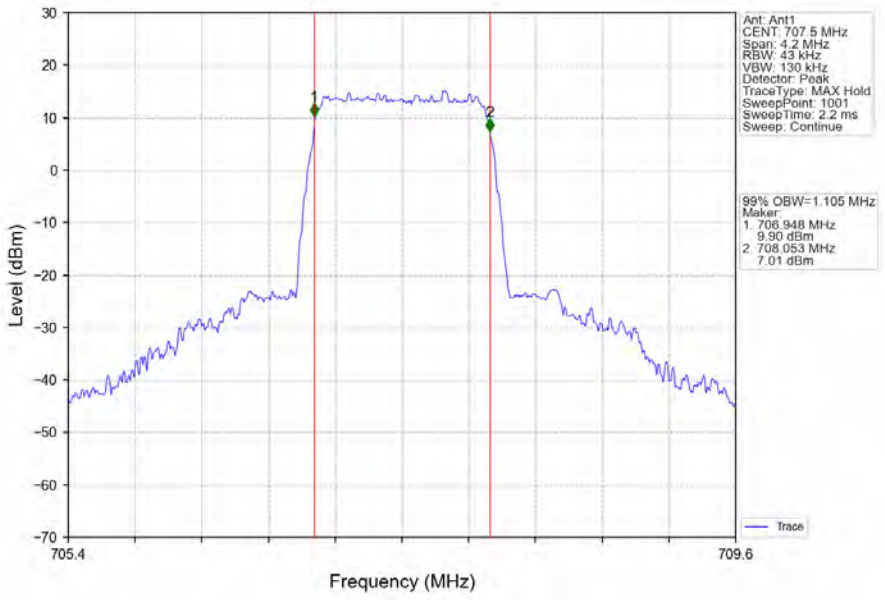

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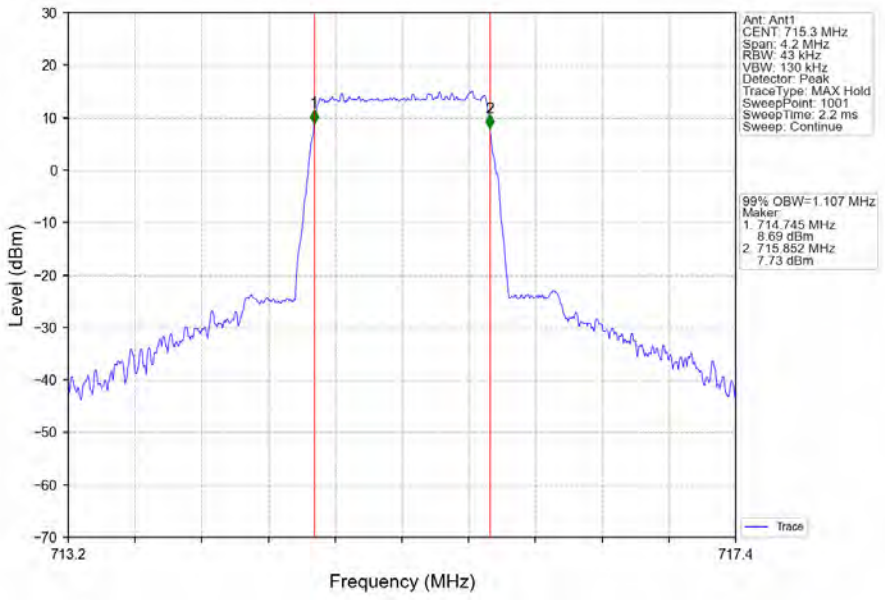

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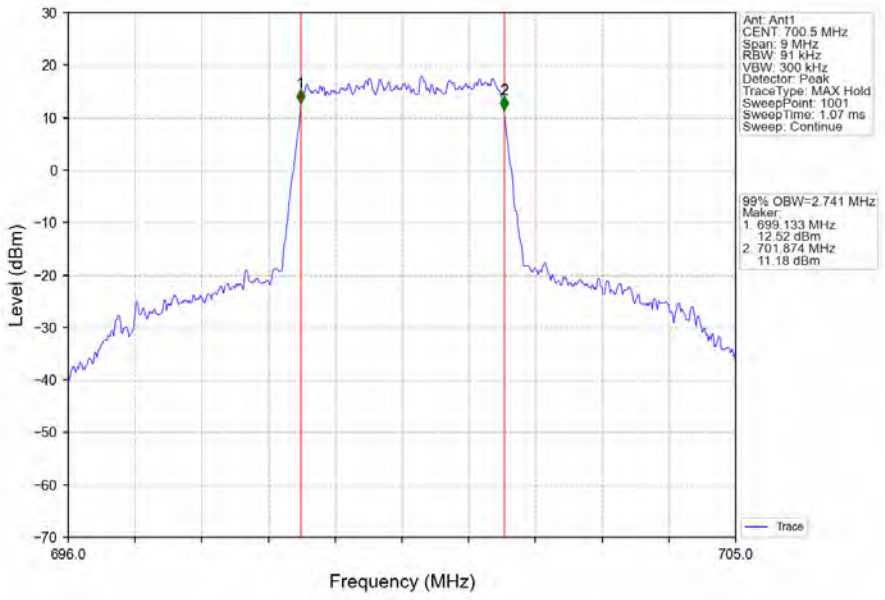

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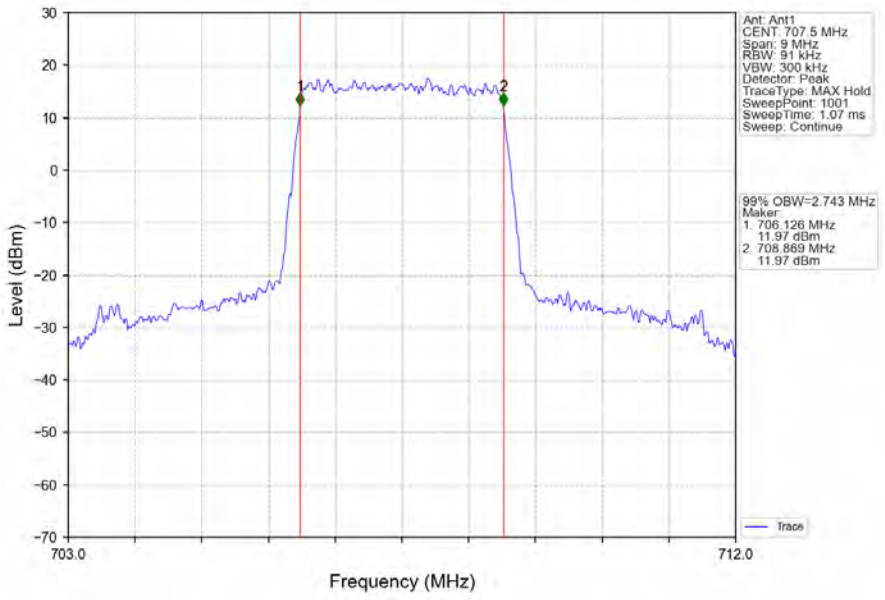

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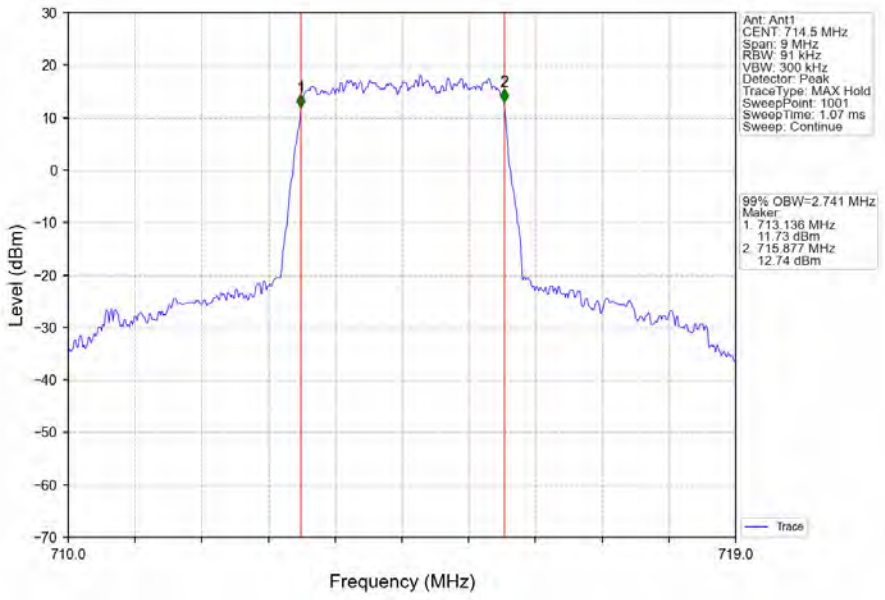

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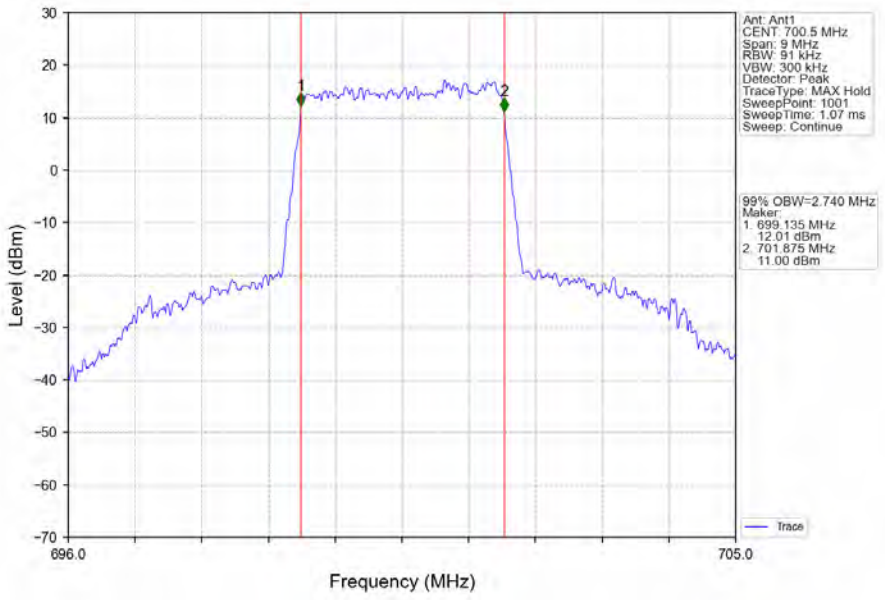

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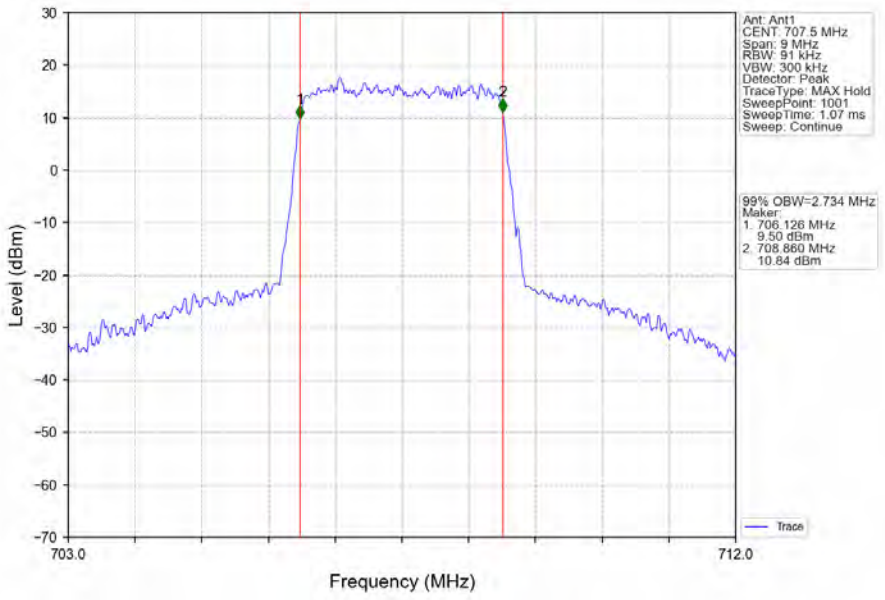
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

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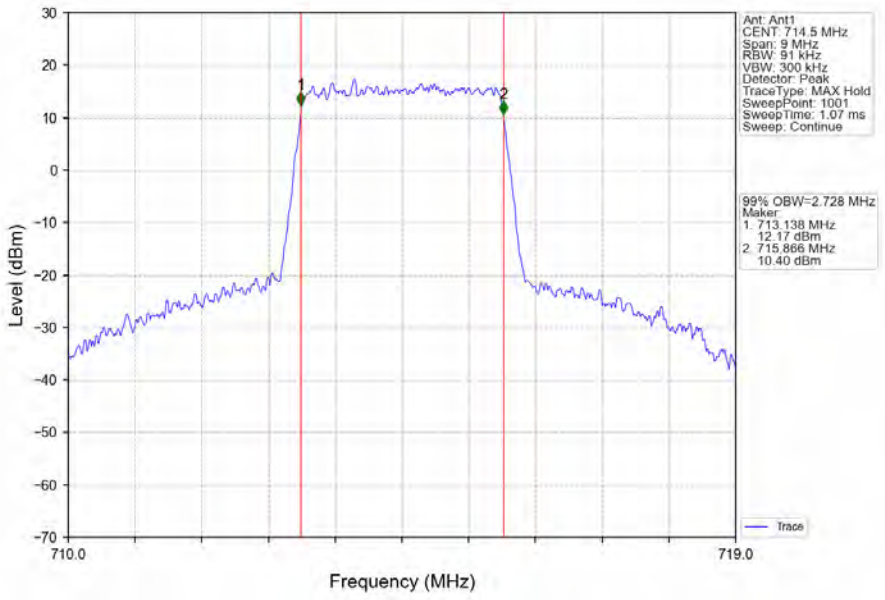

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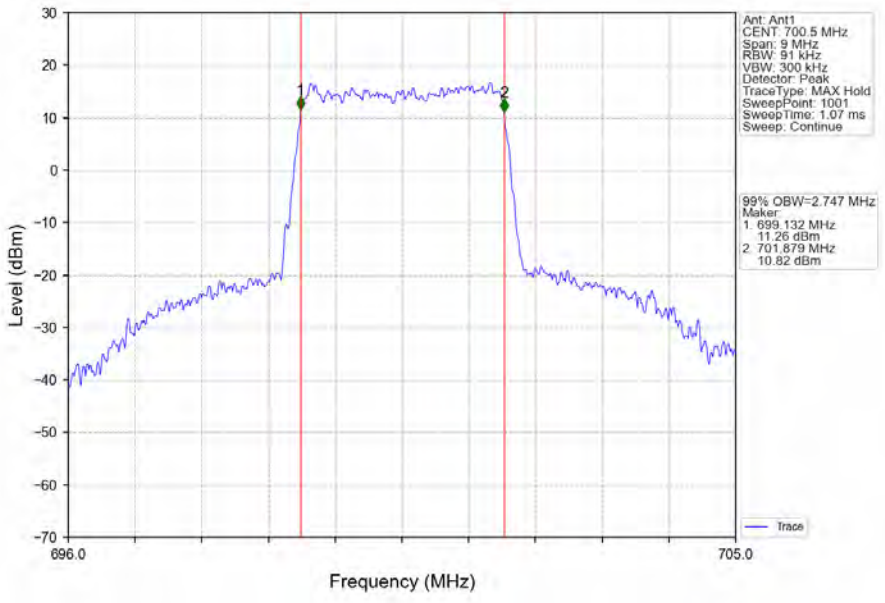
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV

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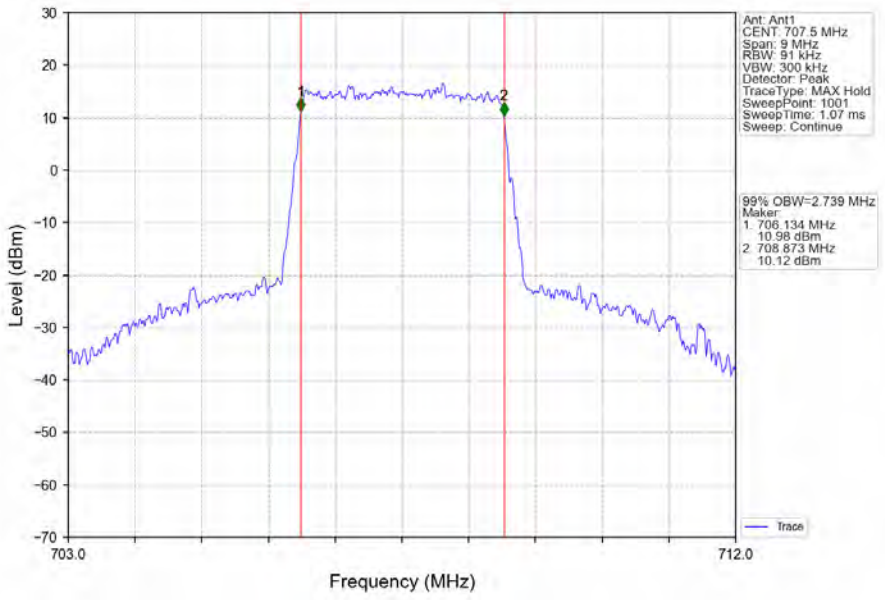

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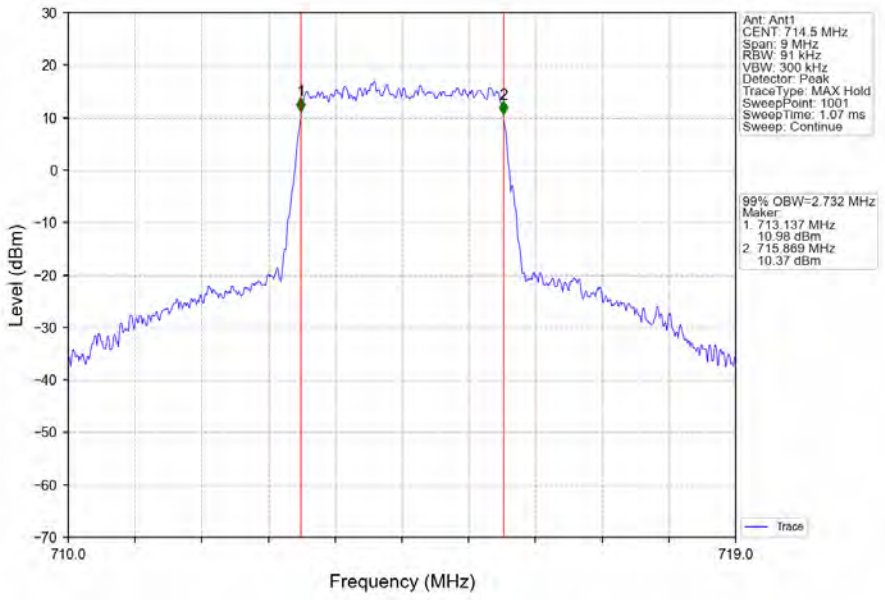
Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV

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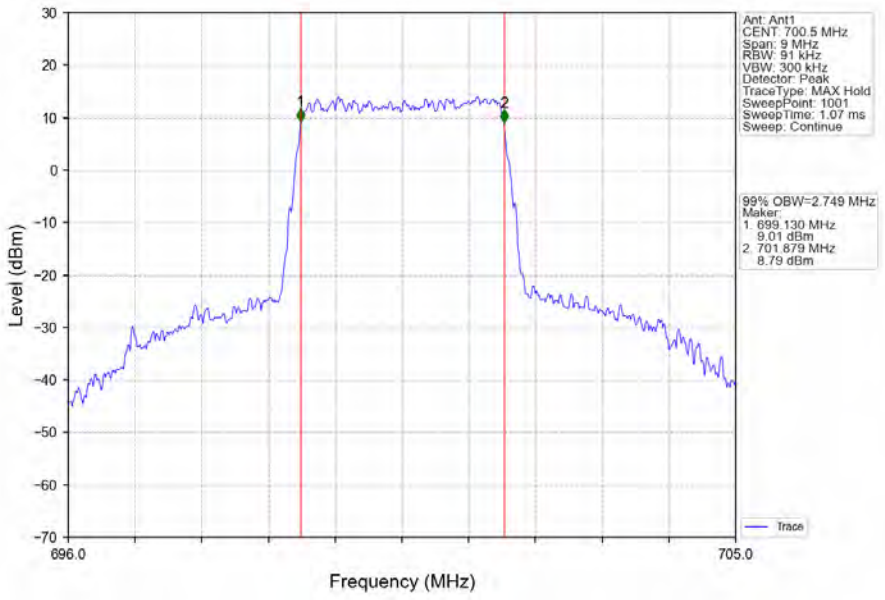

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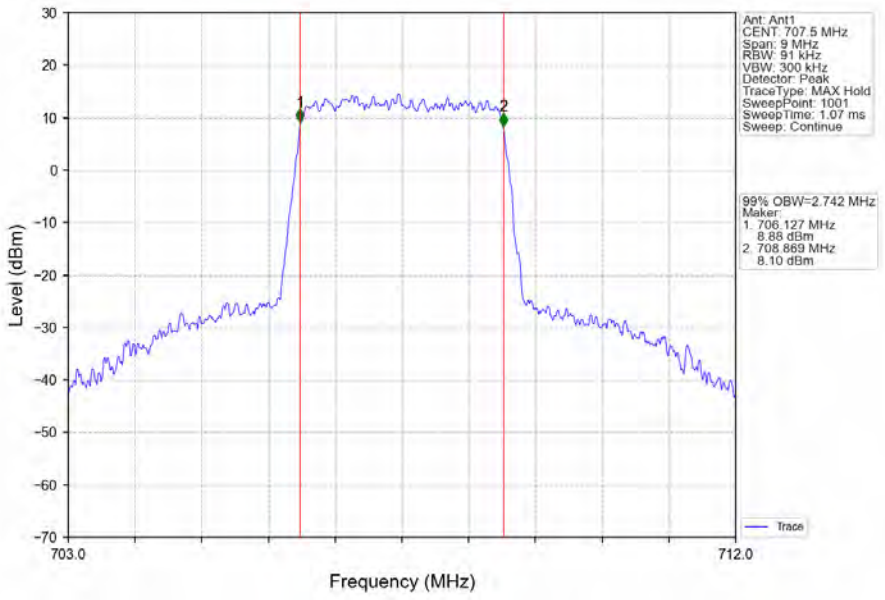
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



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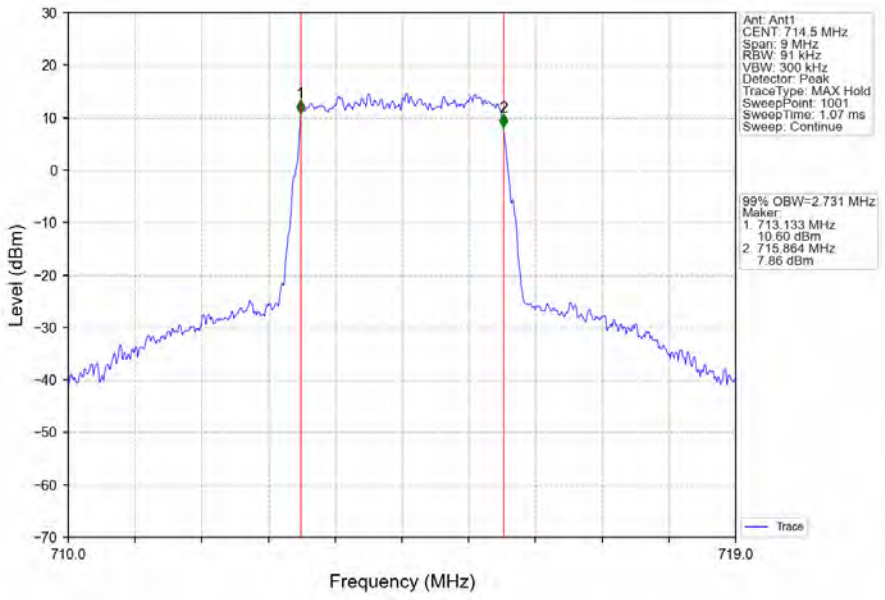

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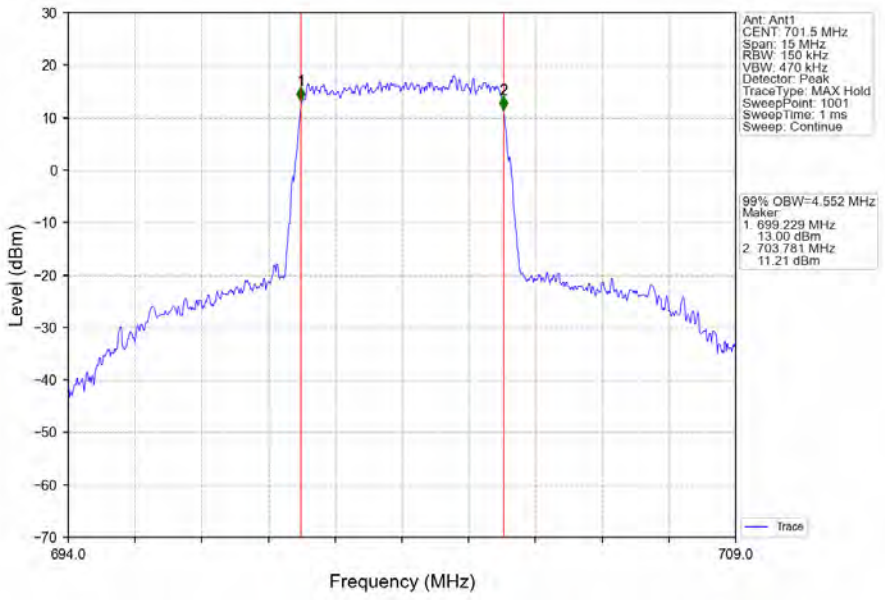

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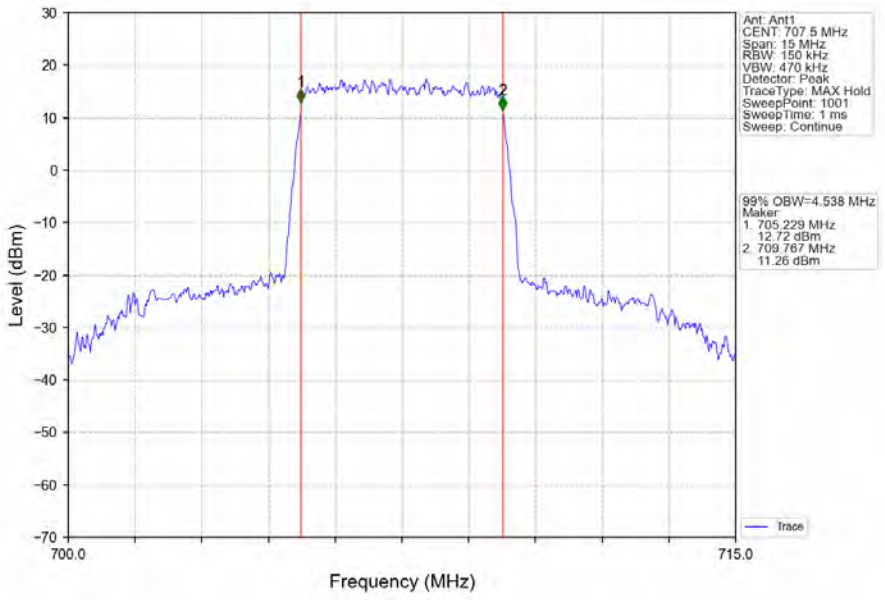

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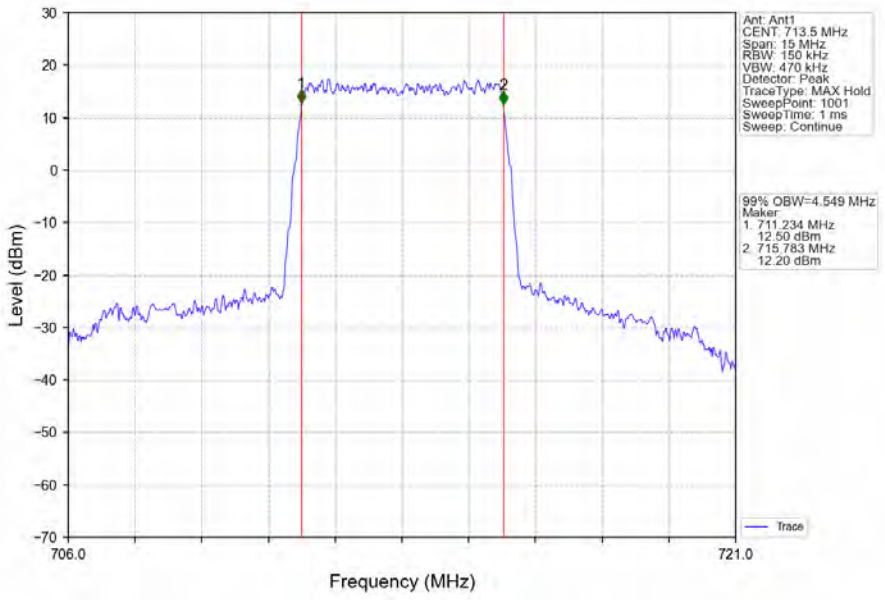

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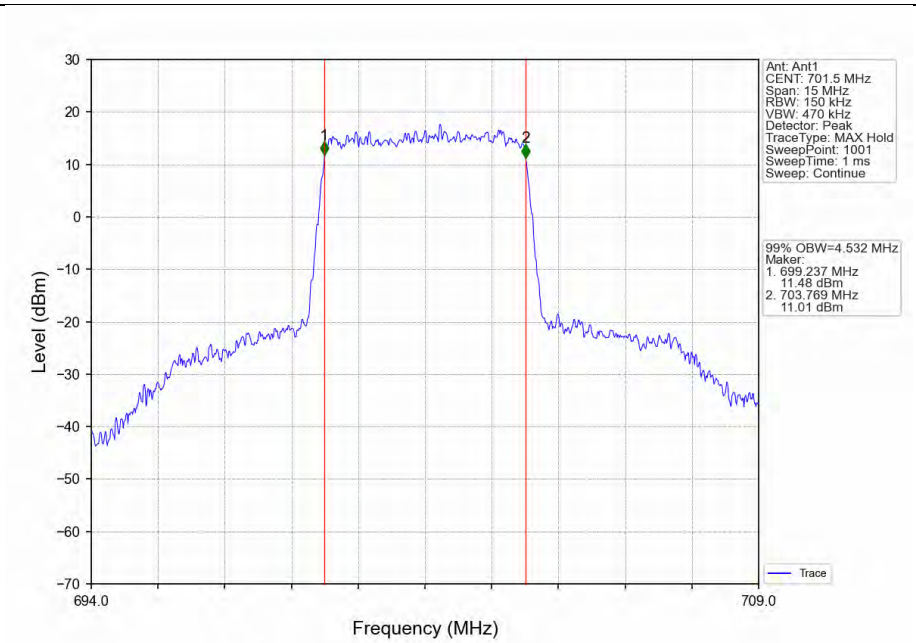

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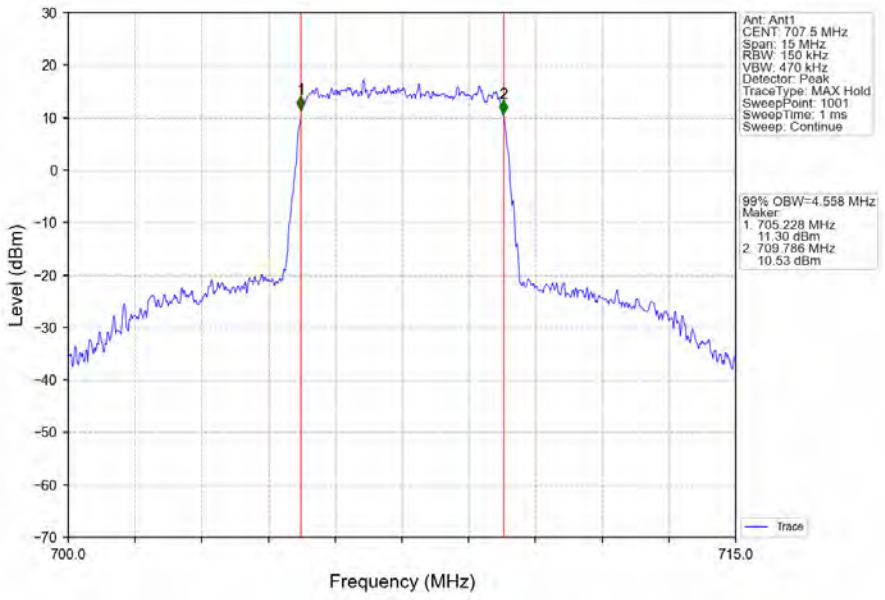

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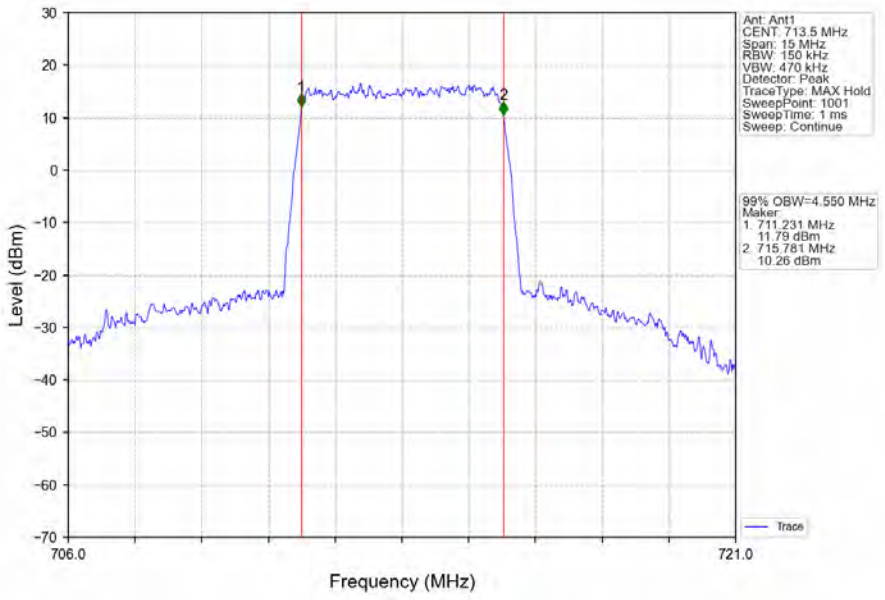

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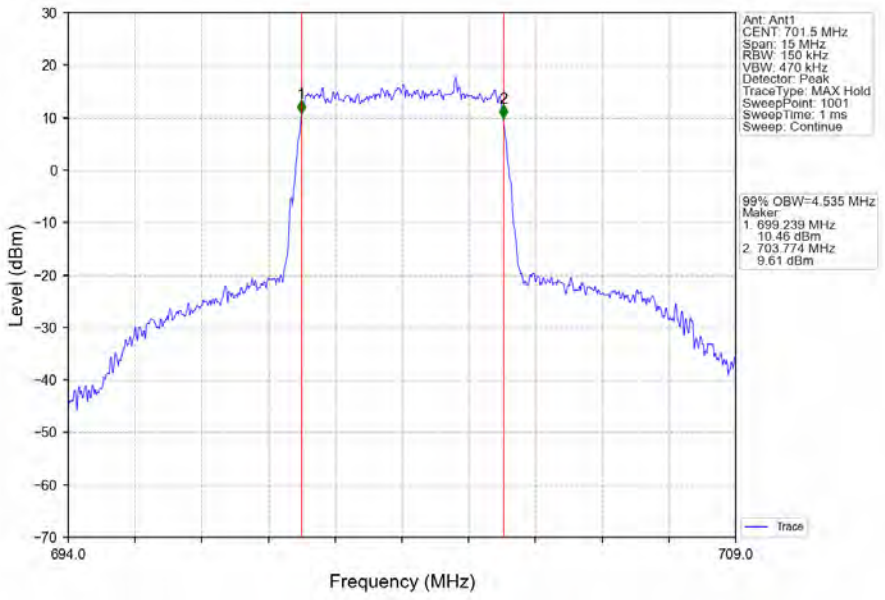
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV

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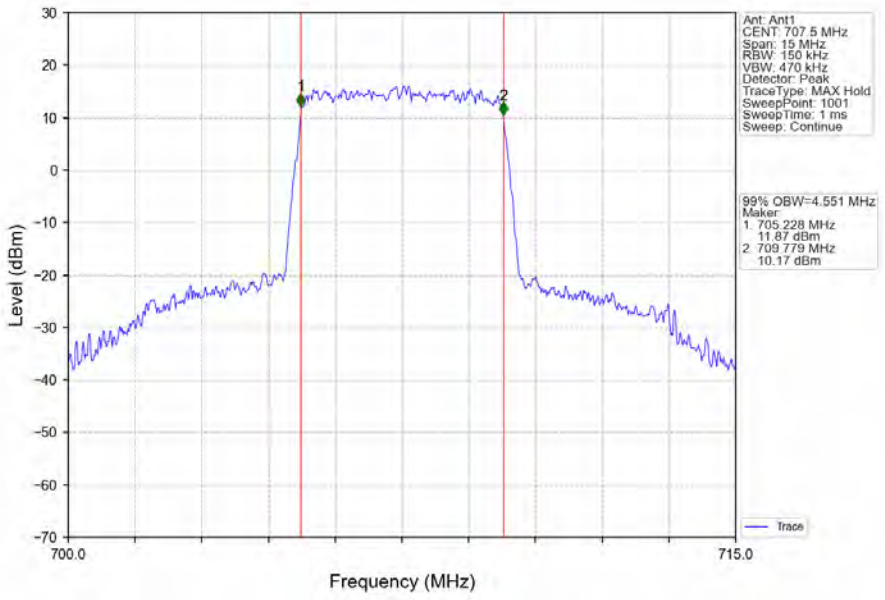

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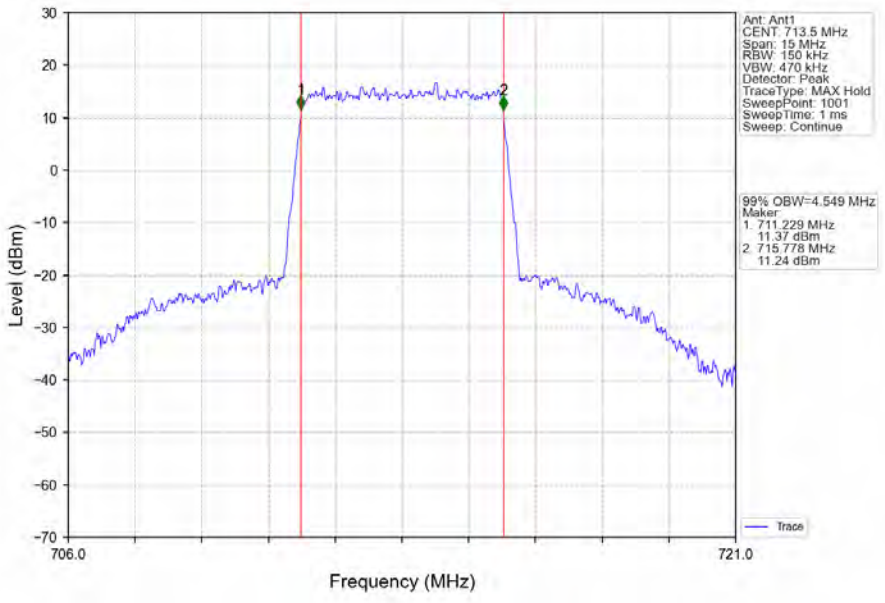
Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



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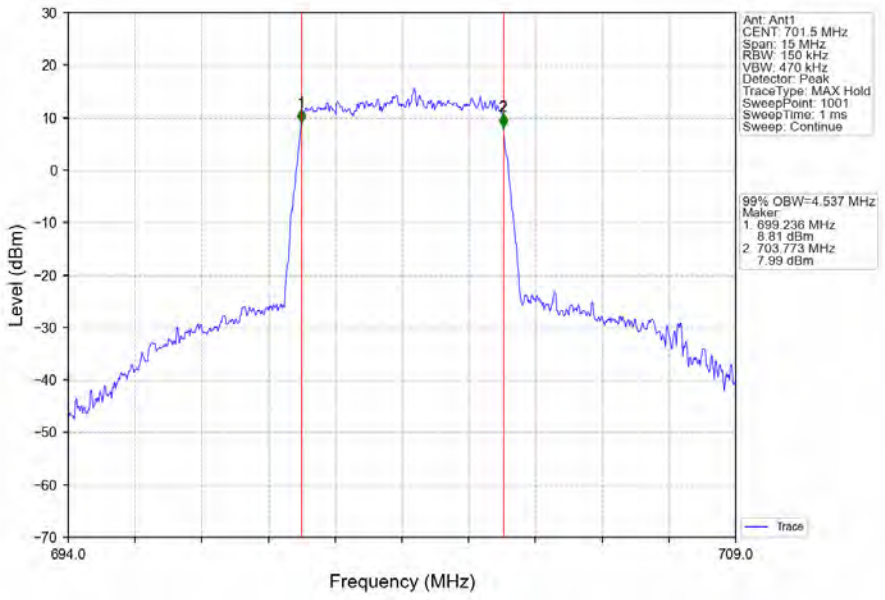

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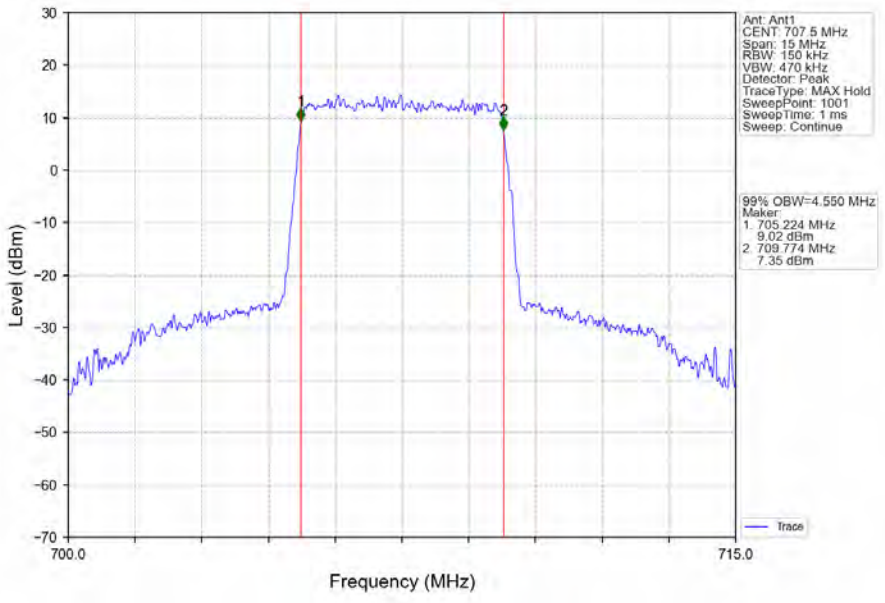
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



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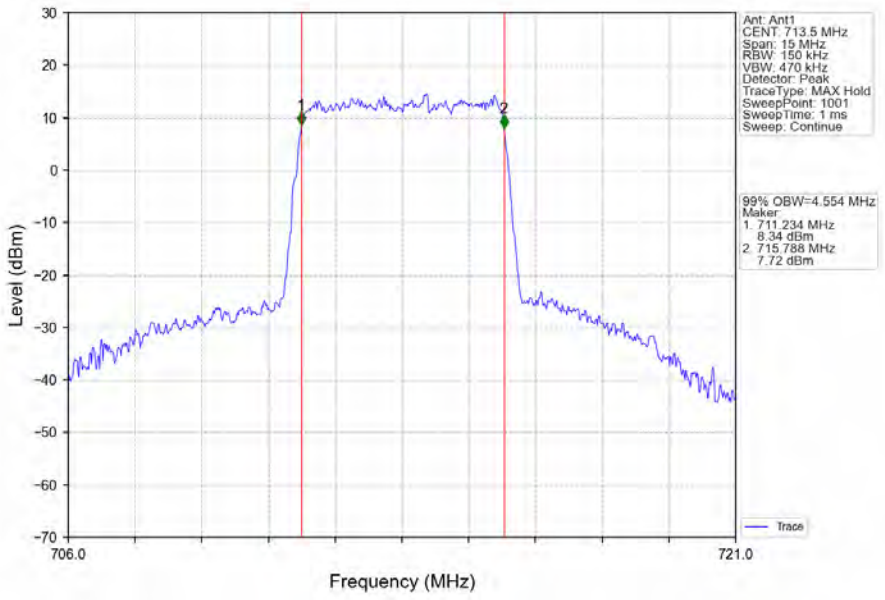

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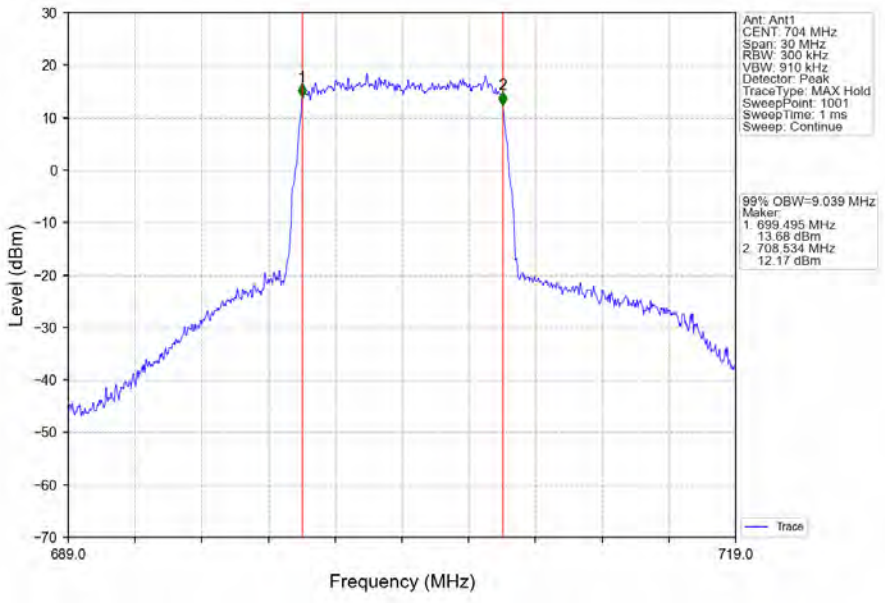
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



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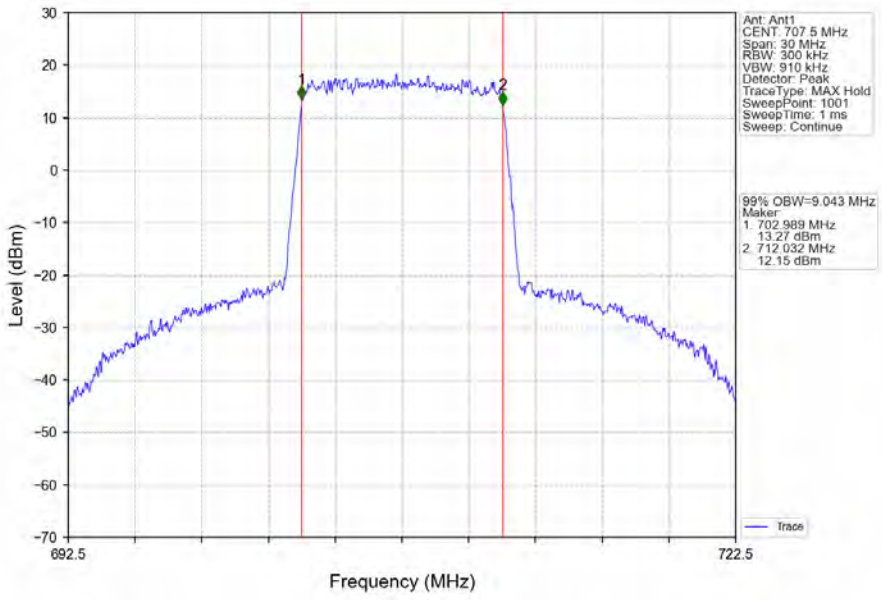

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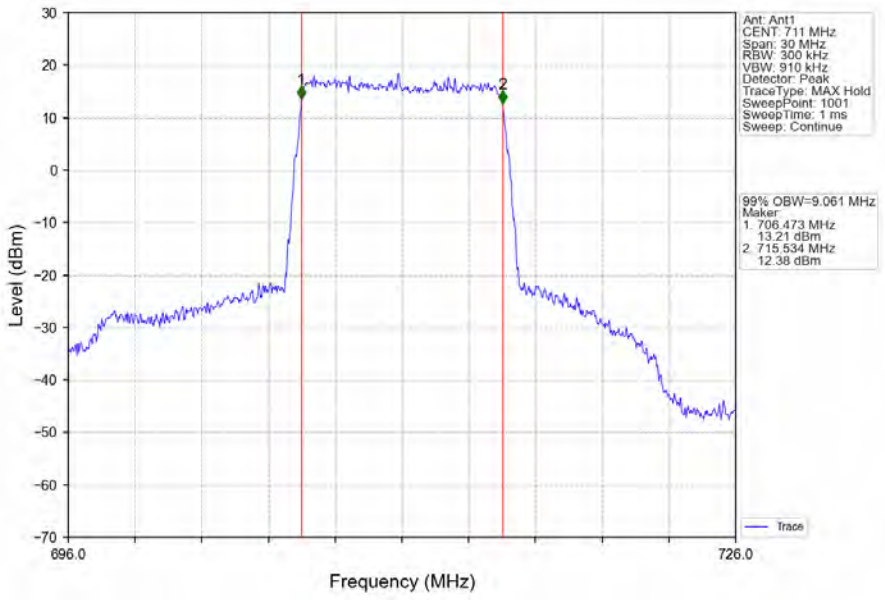
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



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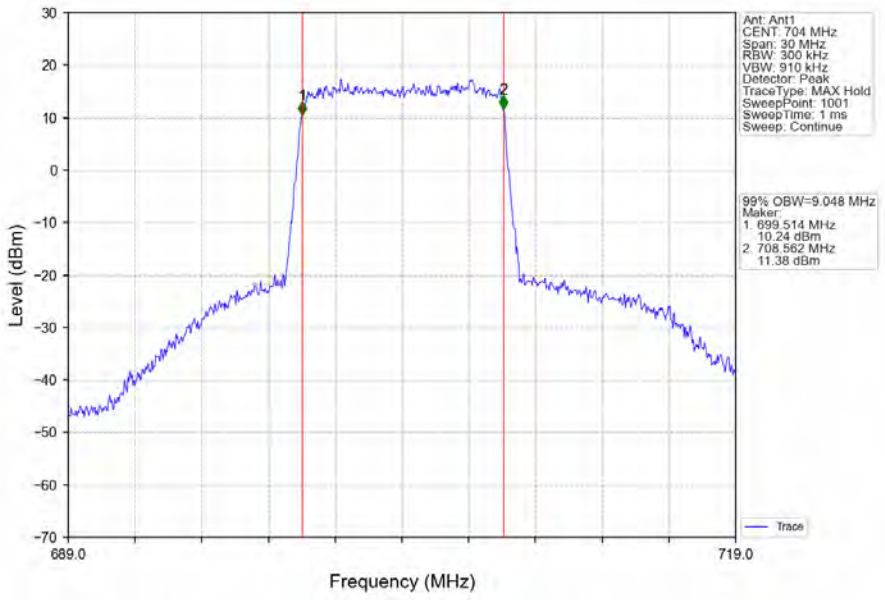

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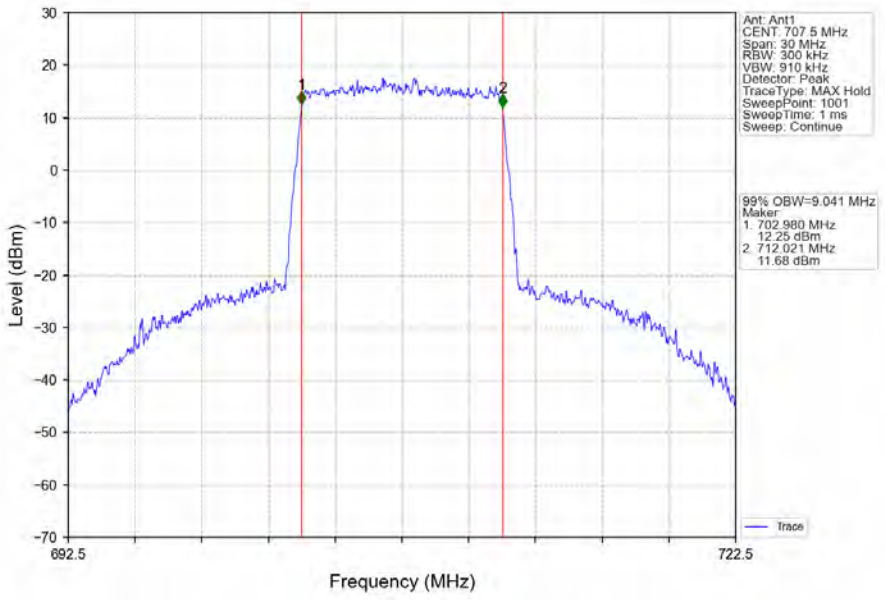

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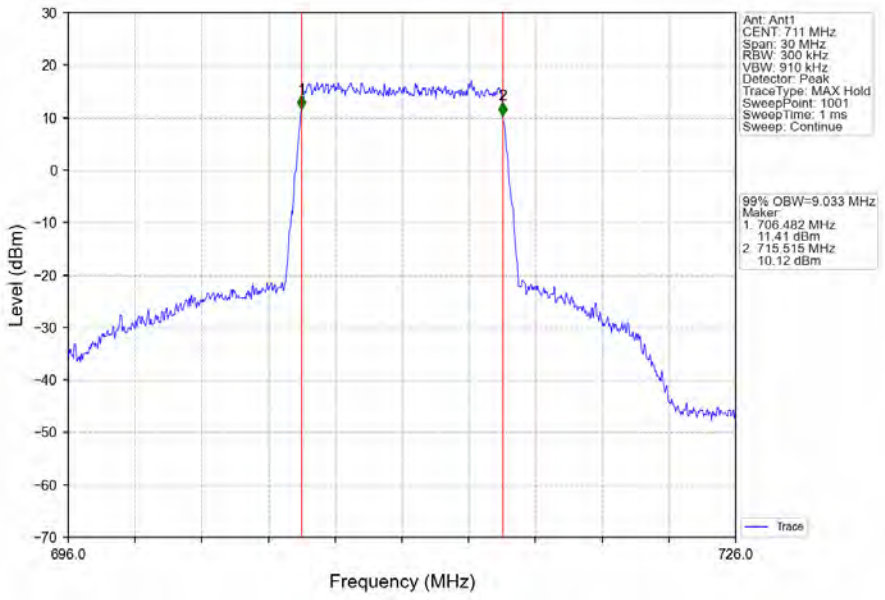

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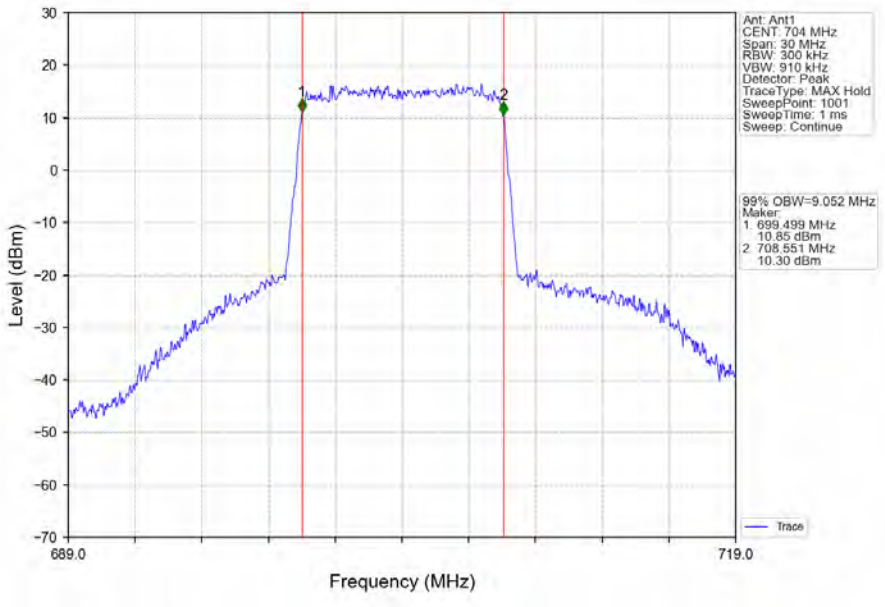

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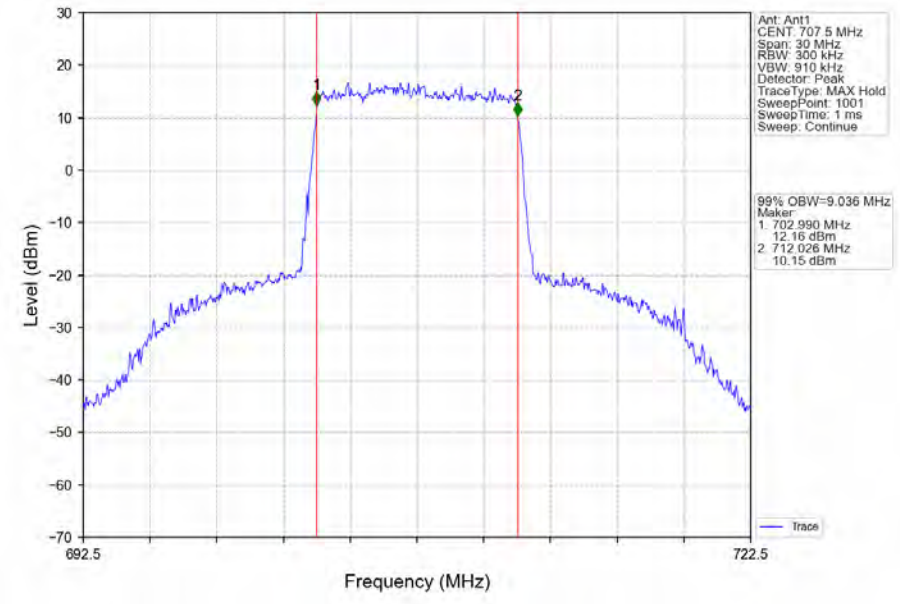

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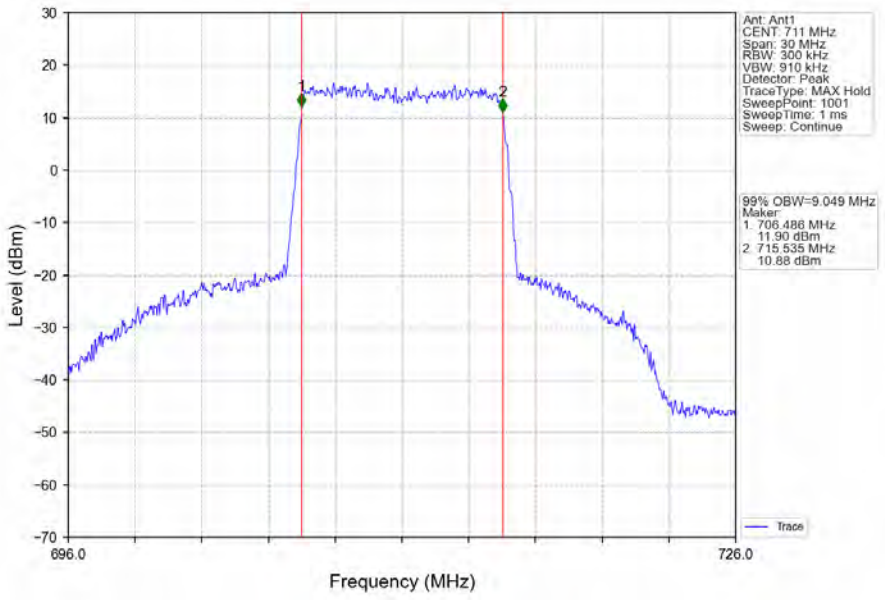

Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV

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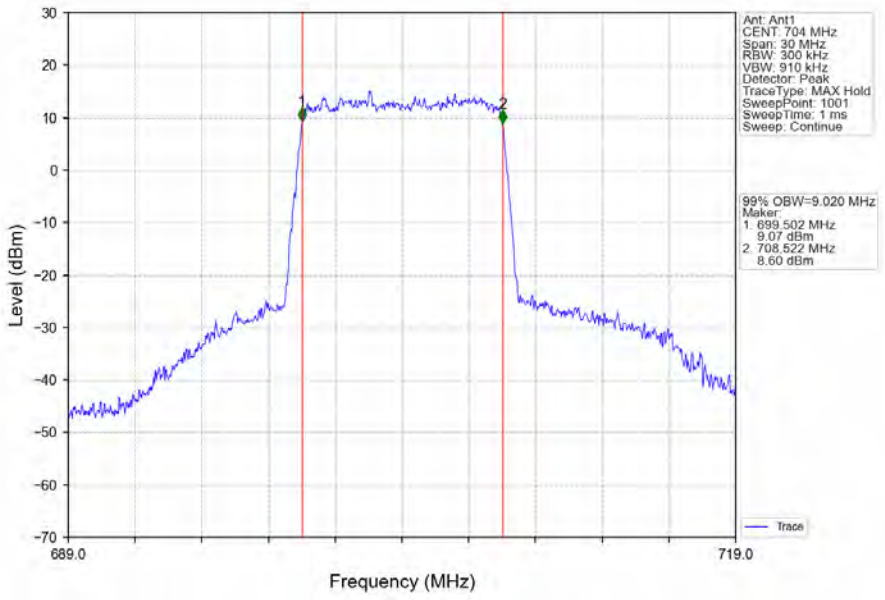

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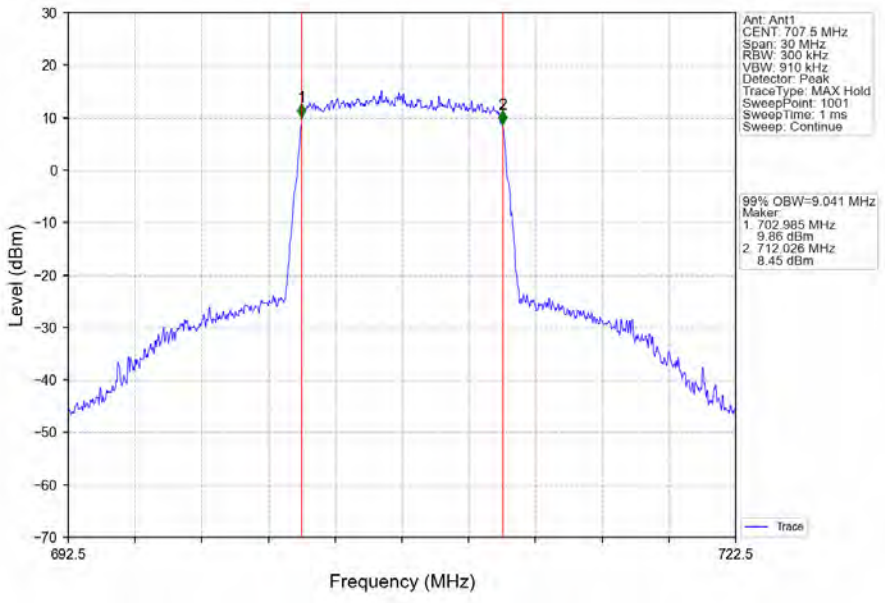
Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



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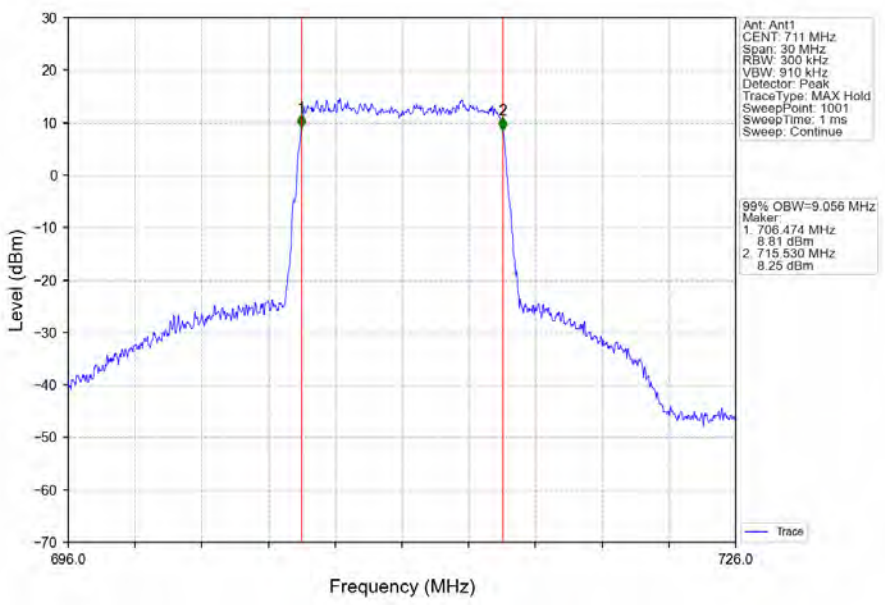

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3.2 Band12_XDB

3.2.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.265	/	Pass
		707.5	6	0	1.264	/	Pass
		715.3	6	0	1.263	/	Pass
	16QAM	699.7	6	0	1.255	/	Pass
		707.5	6	0	1.267	/	Pass
		715.3	6	0	1.274	/	Pass
	64QAM	699.7	6	0	1.257	/	Pass
		707.5	6	0	1.266	/	Pass
		715.3	6	0	1.264	/	Pass
	256QAM	699.7	6	0	1.265	/	Pass
		707.5	6	0	1.260	/	Pass
		715.3	6	0	1.259	/	Pass
3	QPSK	700.5	15	0	3.085	/	Pass
		707.5	15	0	3.078	/	Pass
		714.5	15	0	3.083	/	Pass
	16QAM	700.5	15	0	3.049	/	Pass
		707.5	15	0	3.032	/	Pass
		714.5	15	0	3.064	/	Pass
	64QAM	700.5	15	0	3.045	/	Pass
		707.5	15	0	3.078	/	Pass
		714.5	15	0	3.079	/	Pass
	256QAM	700.5	15	0	3.097	/	Pass
		707.5	15	0	3.048	/	Pass
		714.5	15	0	3.062	/	Pass
5	QPSK	701.5	25	0	5.030	/	Pass
		707.5	25	0	5.055	/	Pass
		713.5	25	0	5.014	/	Pass
	16QAM	701.5	25	0	4.994	/	Pass
		707.5	25	0	5.035	/	Pass
		713.5	25	0	5.047	/	Pass
	64QAM	701.5	25	0	5.016	/	Pass
		707.5	25	0	5.048	/	Pass
		713.5	25	0	5.050	/	Pass
	256QAM	701.5	25	0	5.029	/	Pass
		707.5	25	0	5.038	/	Pass
		713.5	25	0	4.991	/	Pass
10	QPSK	704	50	0	9.983	/	Pass
		707.5	50	0	9.984	/	Pass

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		711	50	0	9.956	/	Pass
	16QAM	704	50	0	9.907	/	Pass
		707.5	50	0	9.974	/	Pass
		711	50	0	10.003	/	Pass
	64QAM	704	50	0	9.971	/	Pass
		707.5	50	0	9.952	/	Pass
		711	50	0	9.984	/	Pass
	256QAM	704	50	0	9.899	/	Pass
		707.5	50	0	9.935	/	Pass
		711	50	0	9.948	/	Pass

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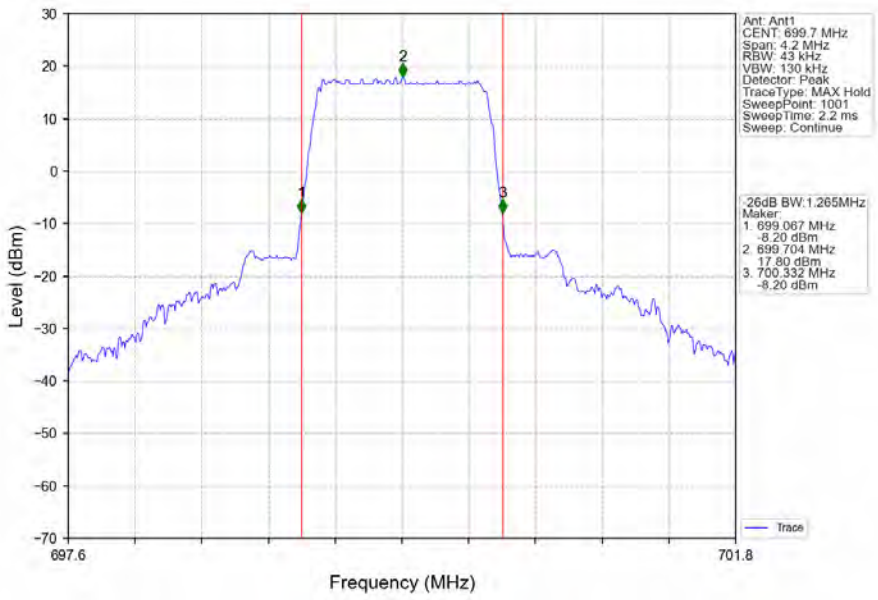
3.2.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV

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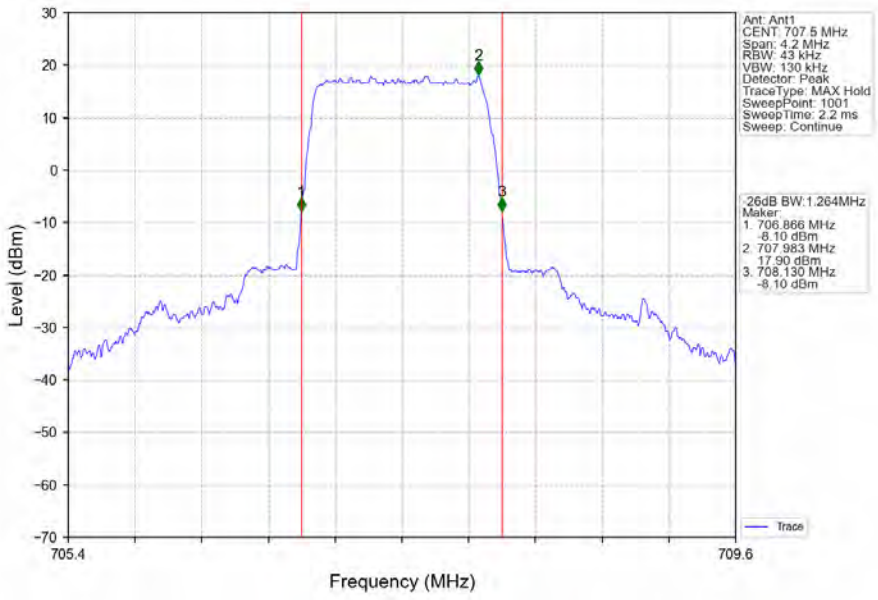

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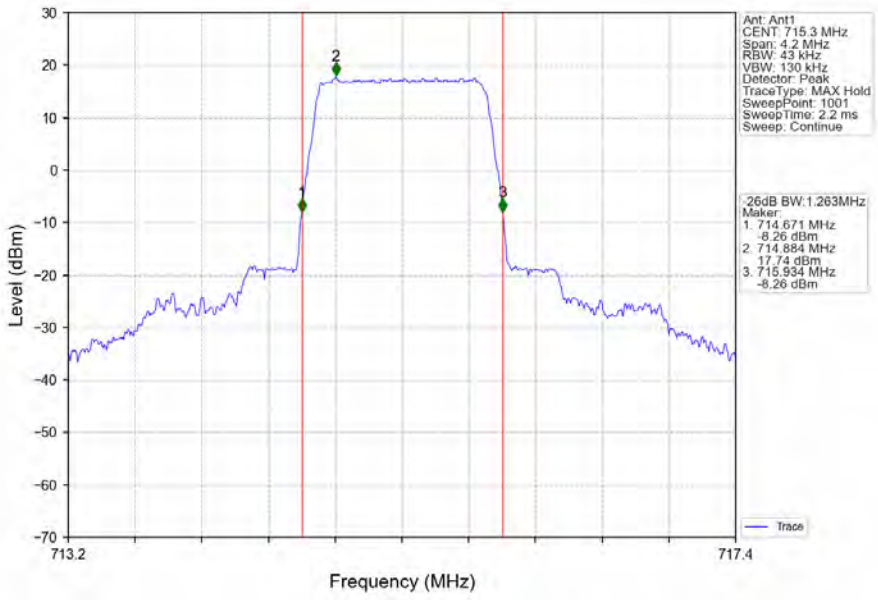

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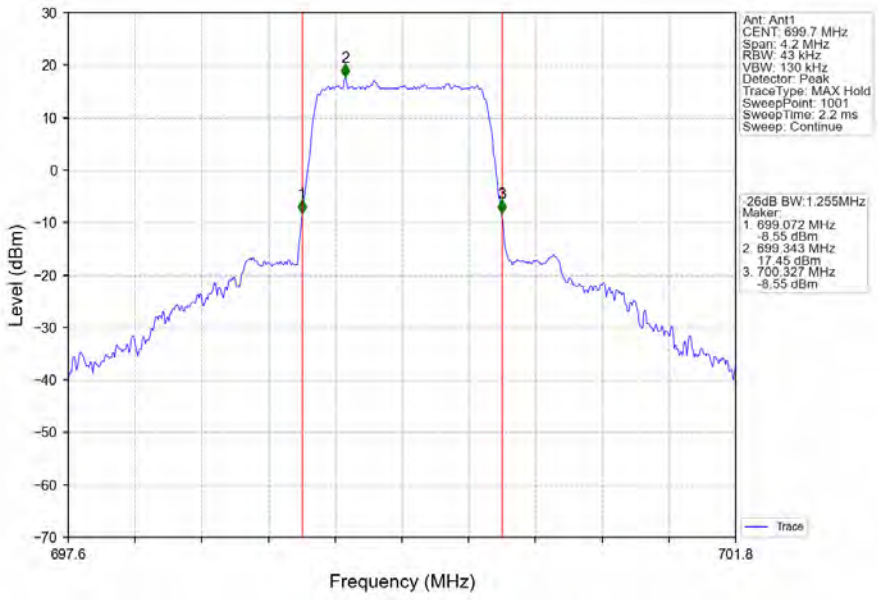

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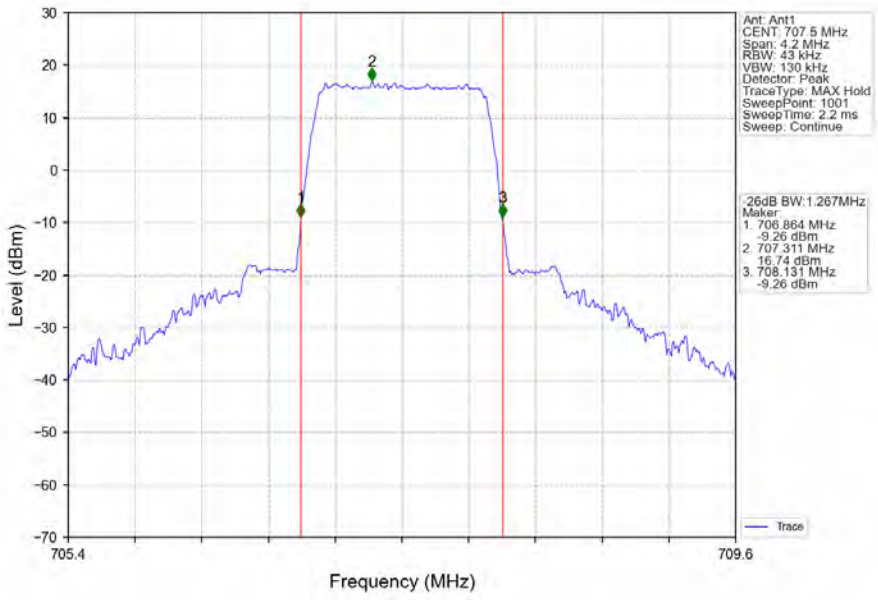

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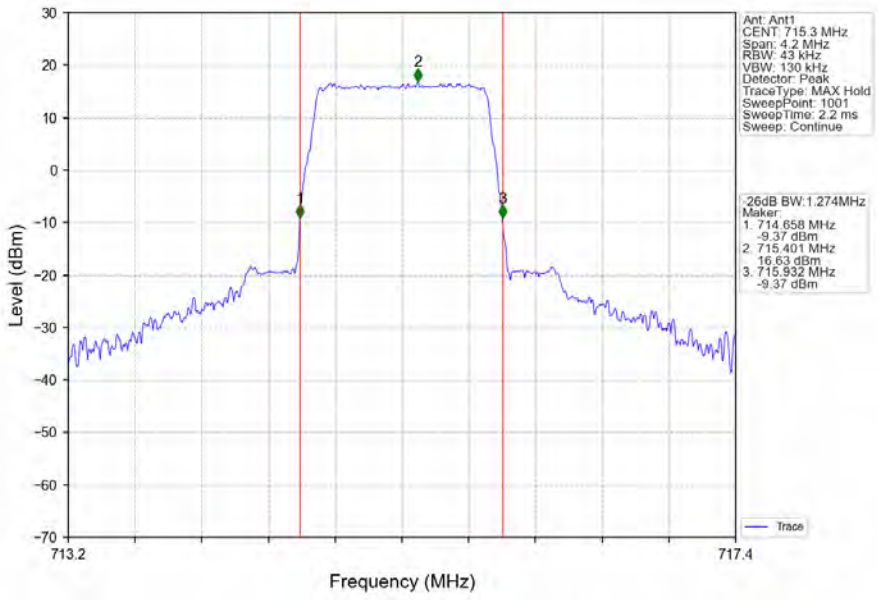

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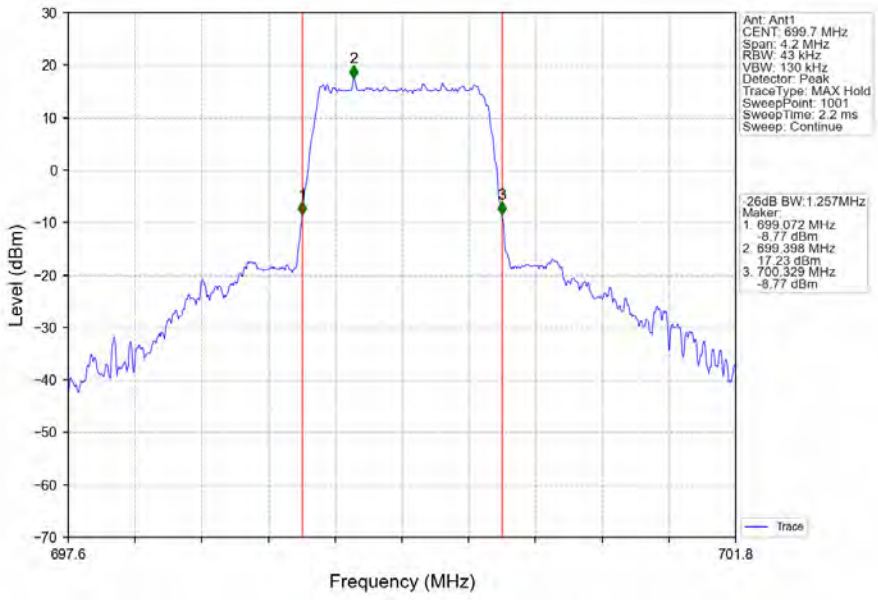

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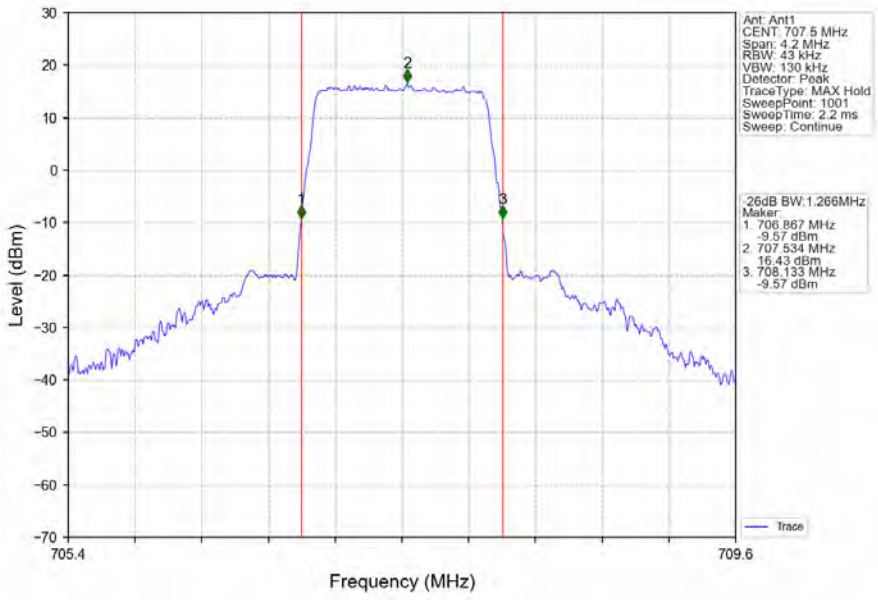

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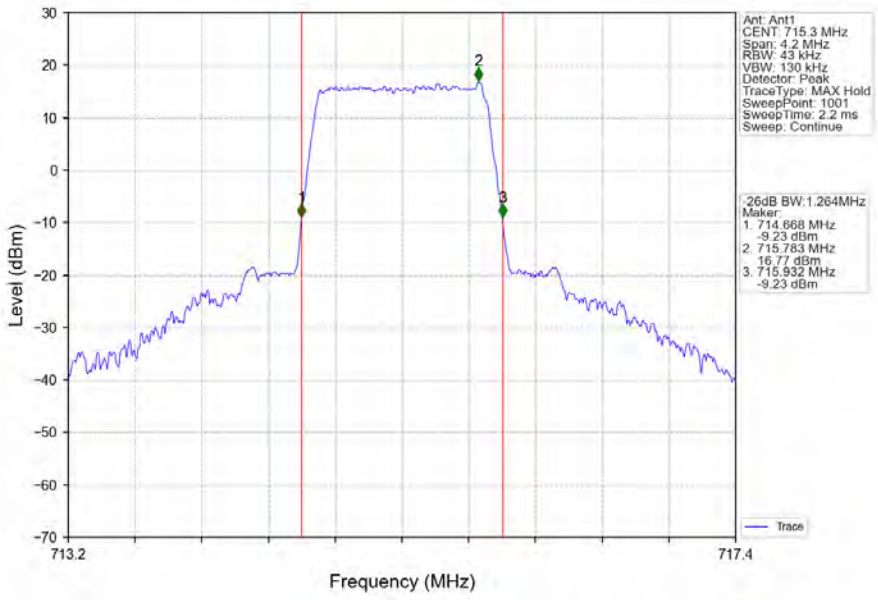
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV

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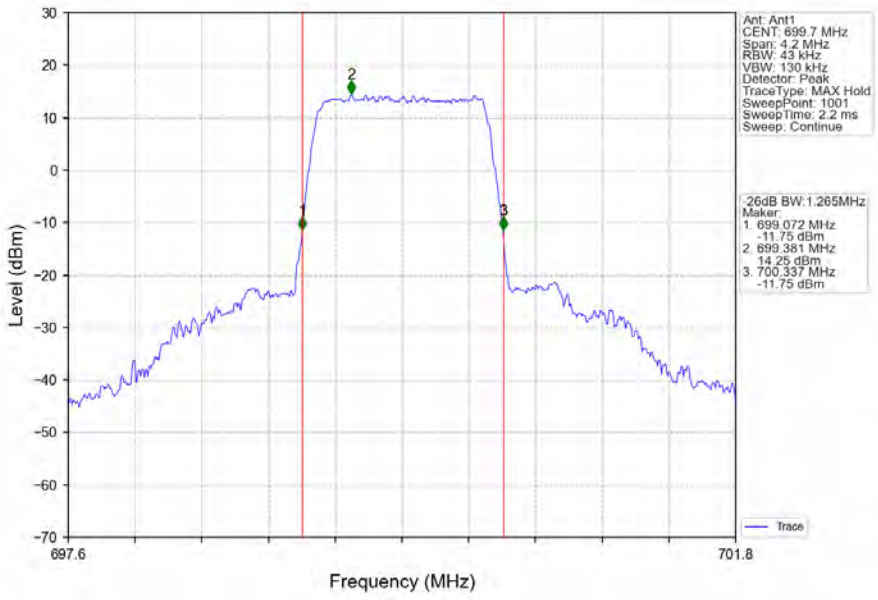

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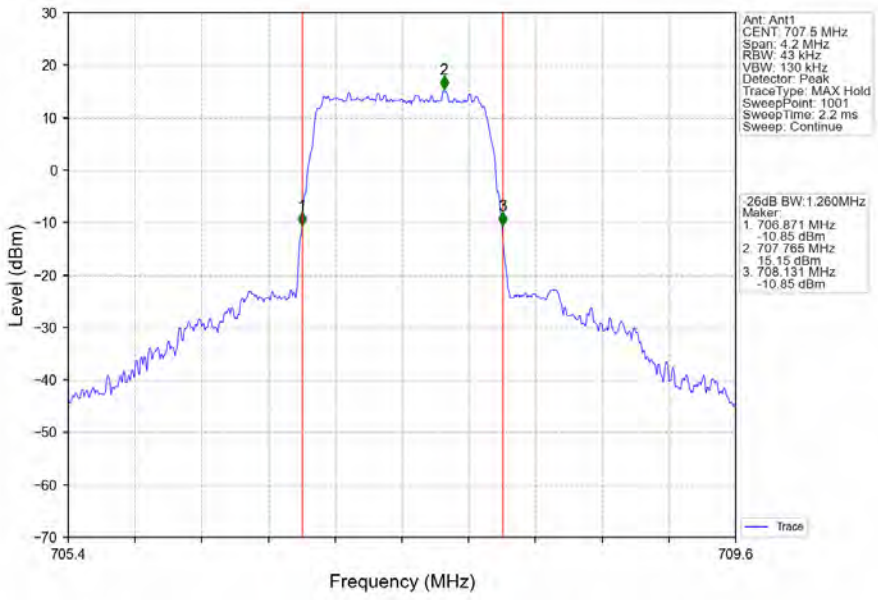
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



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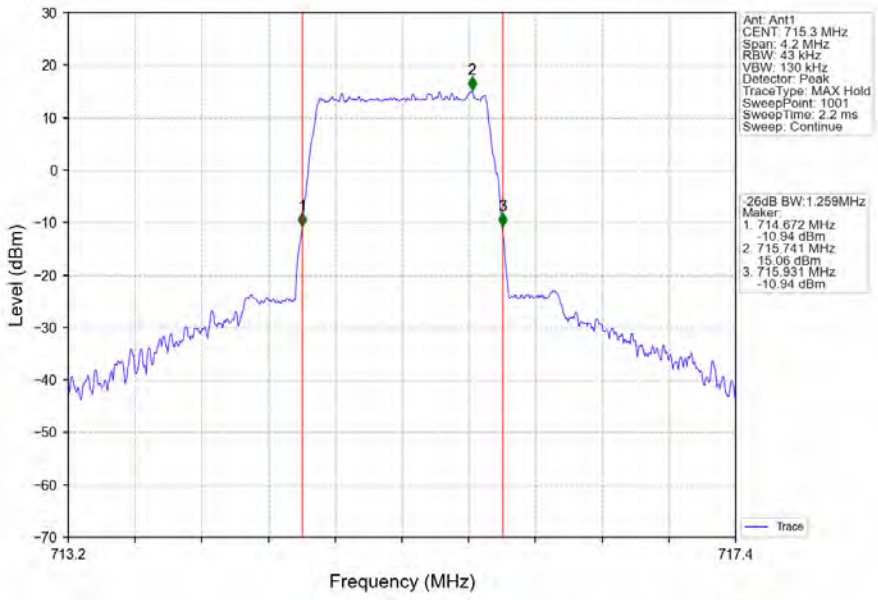

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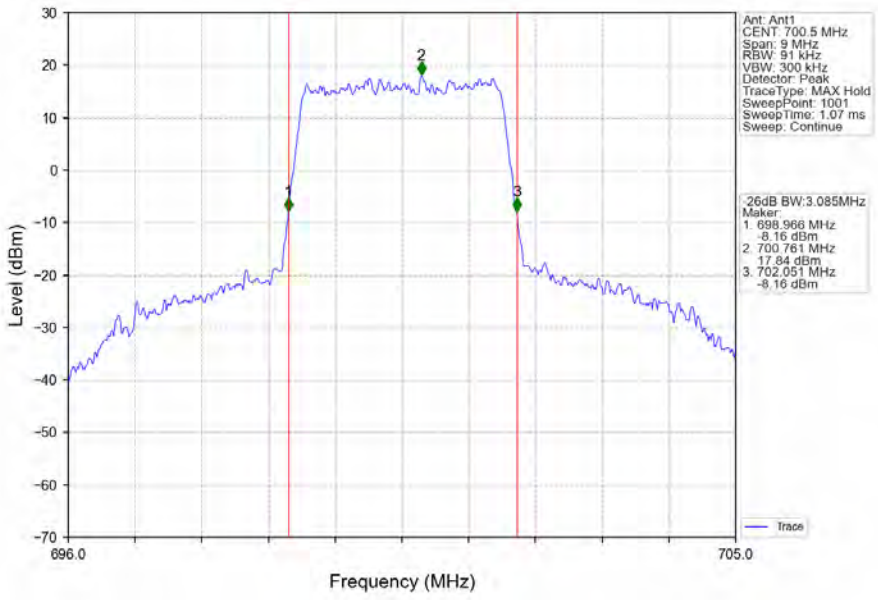
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

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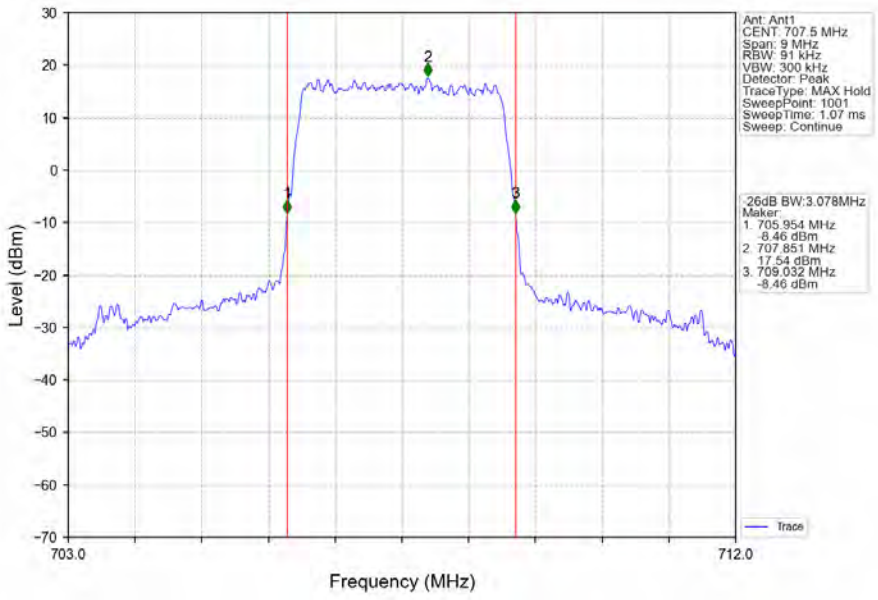

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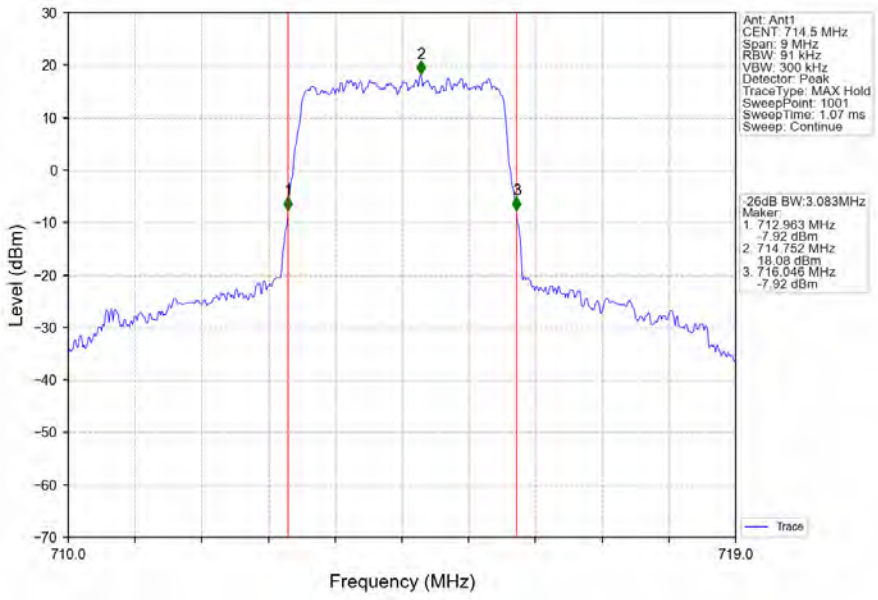
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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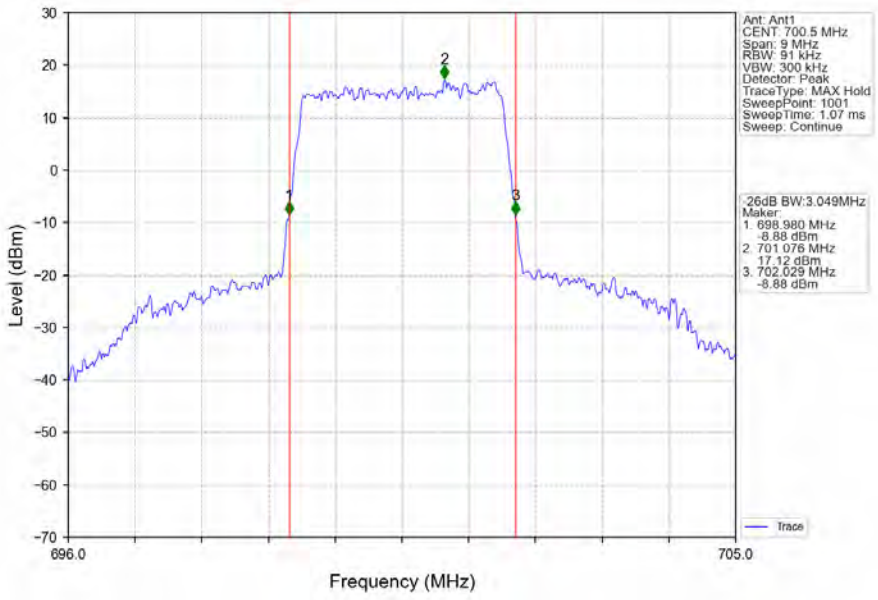

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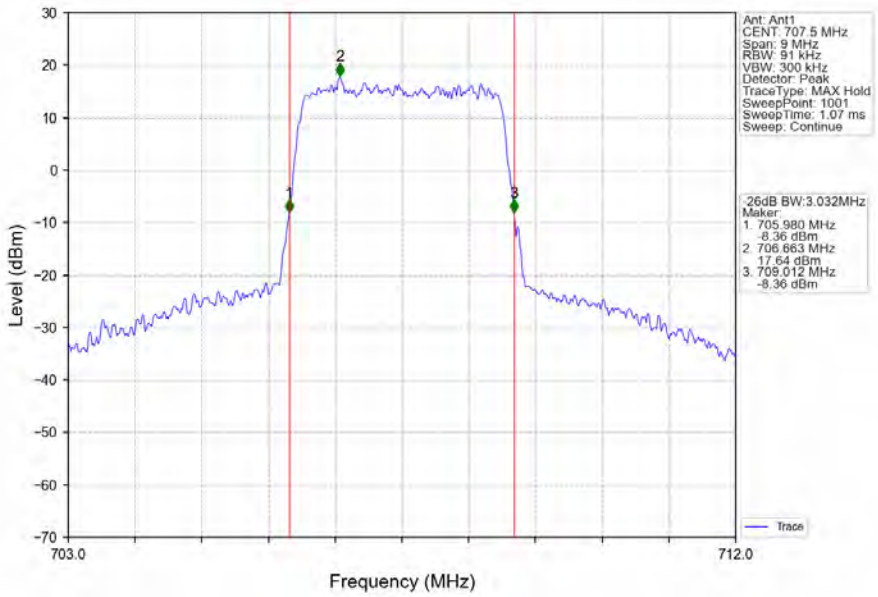

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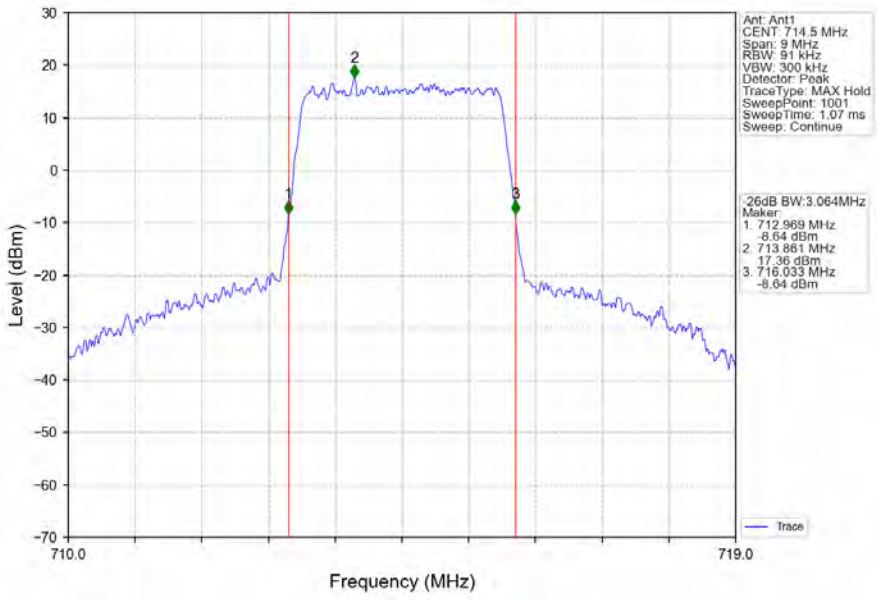

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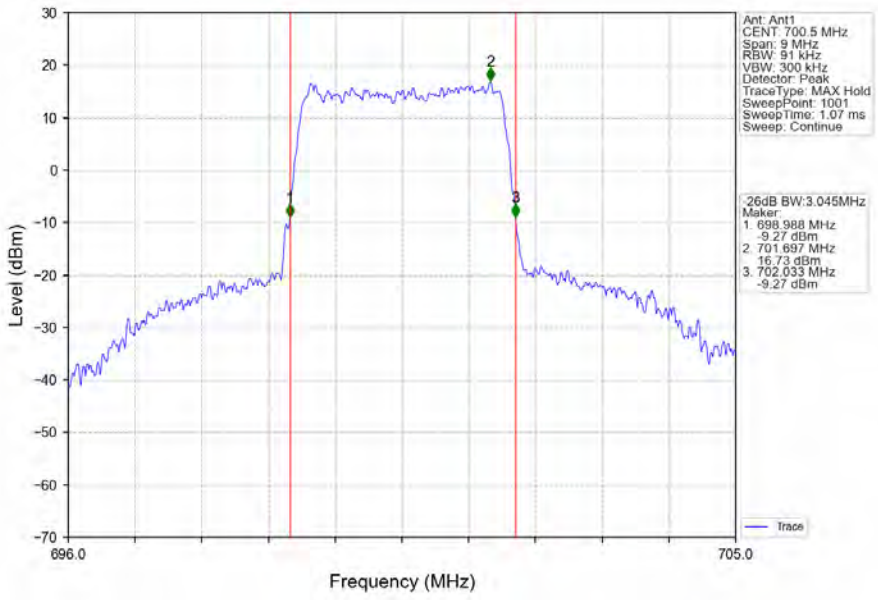

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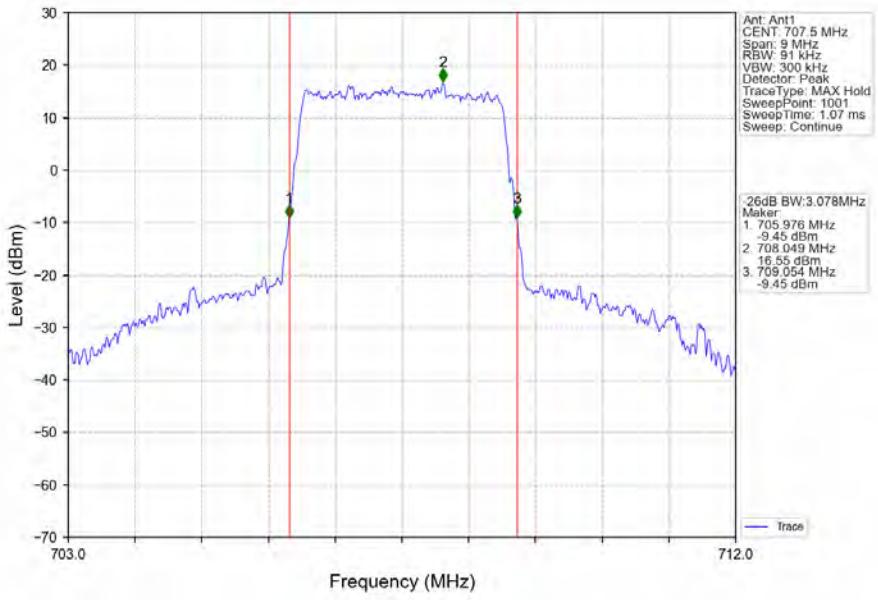

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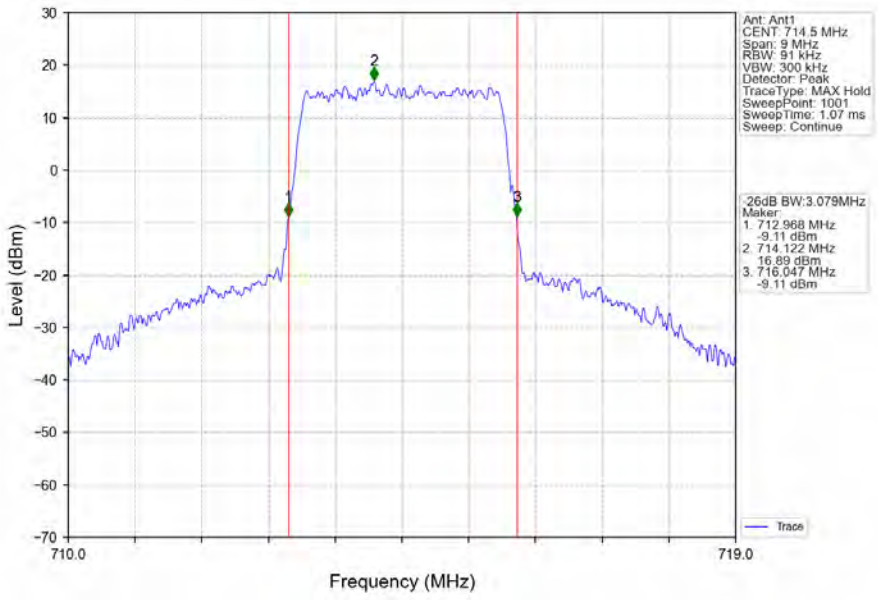

Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV

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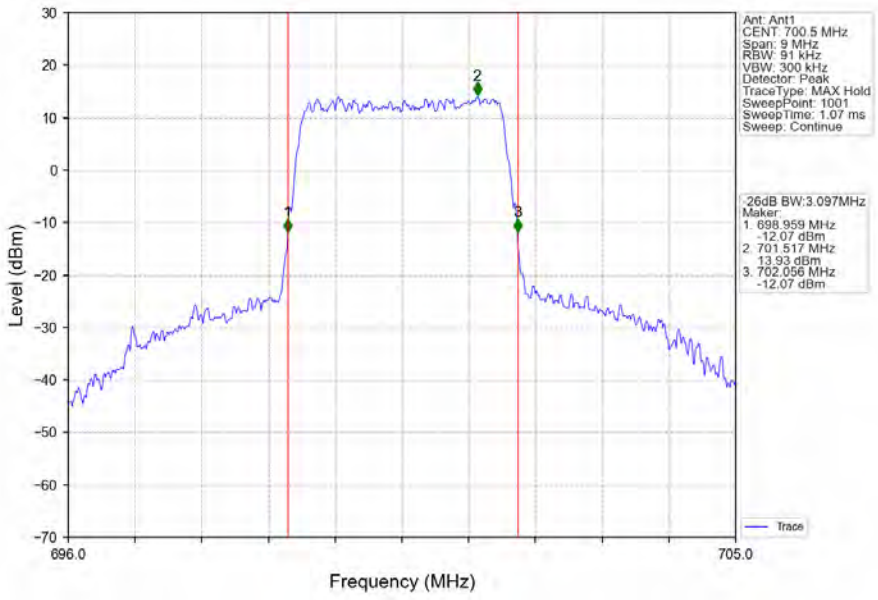

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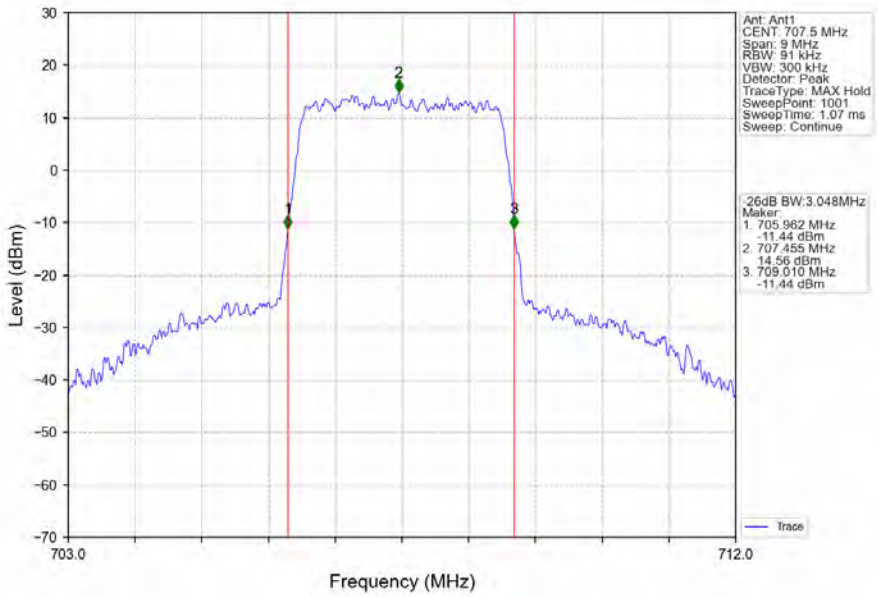
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV

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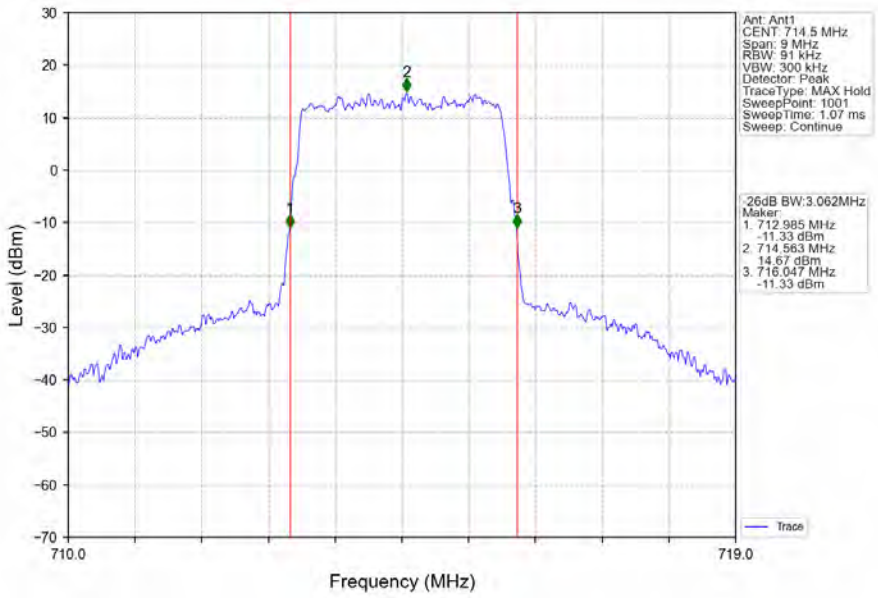

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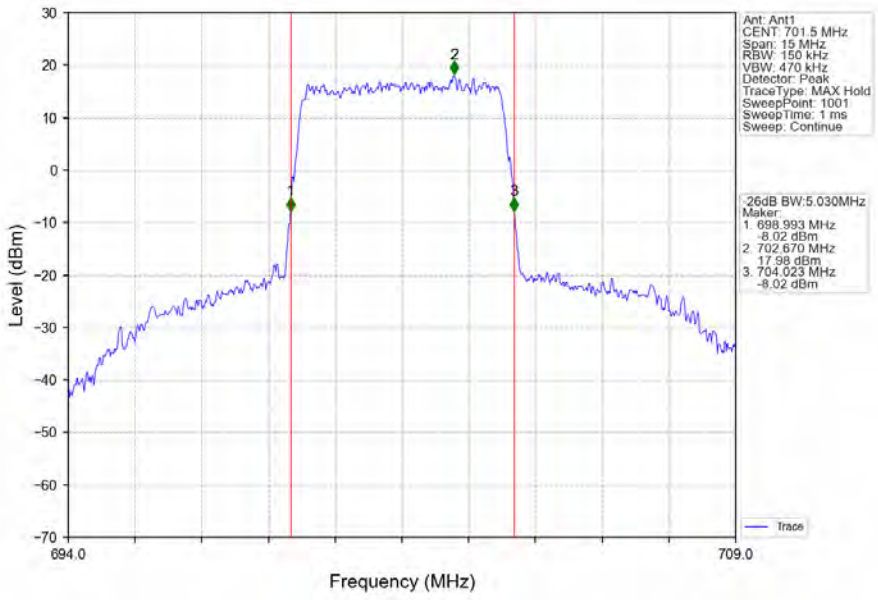
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV

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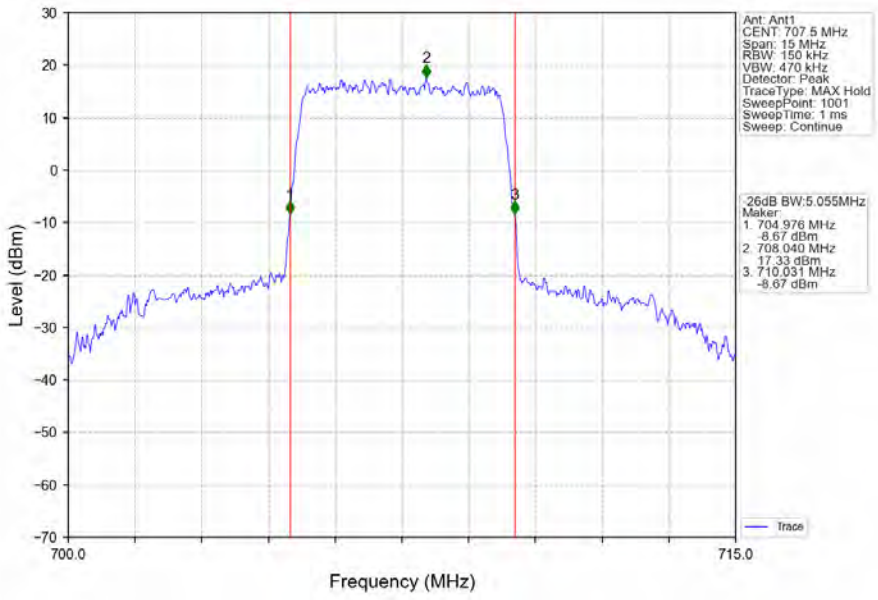

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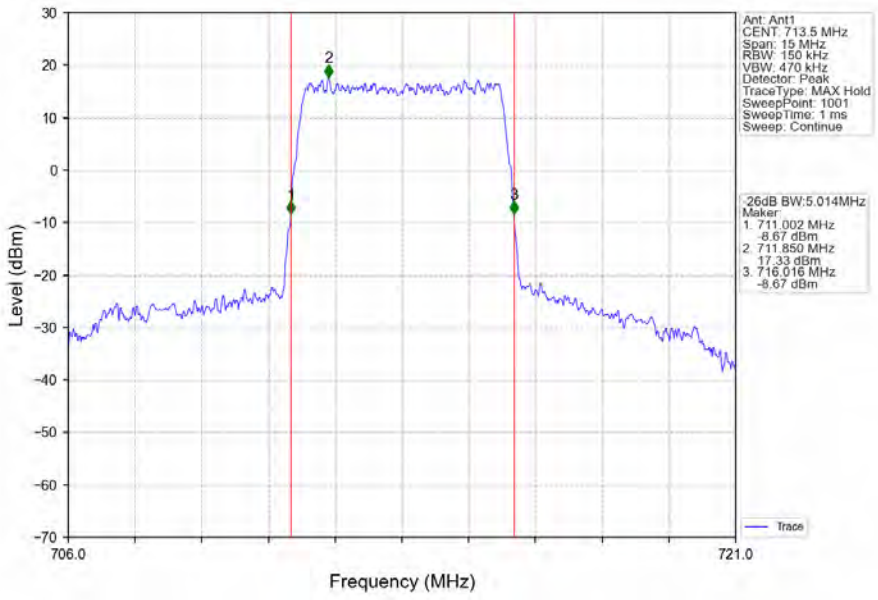
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

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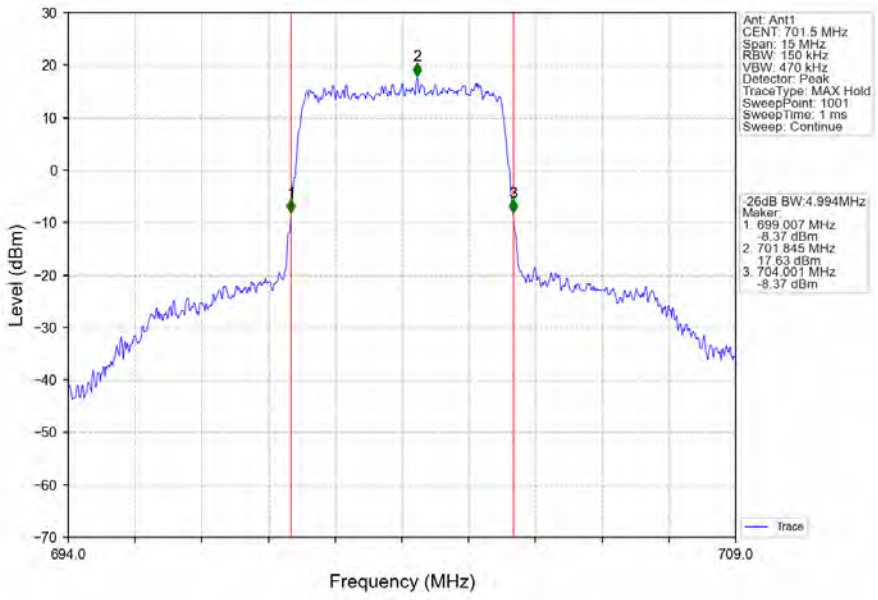

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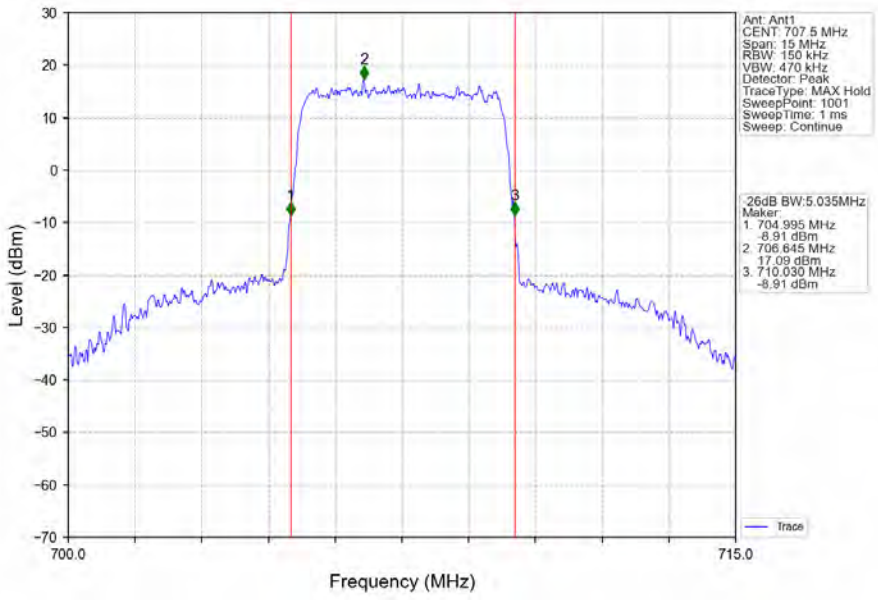

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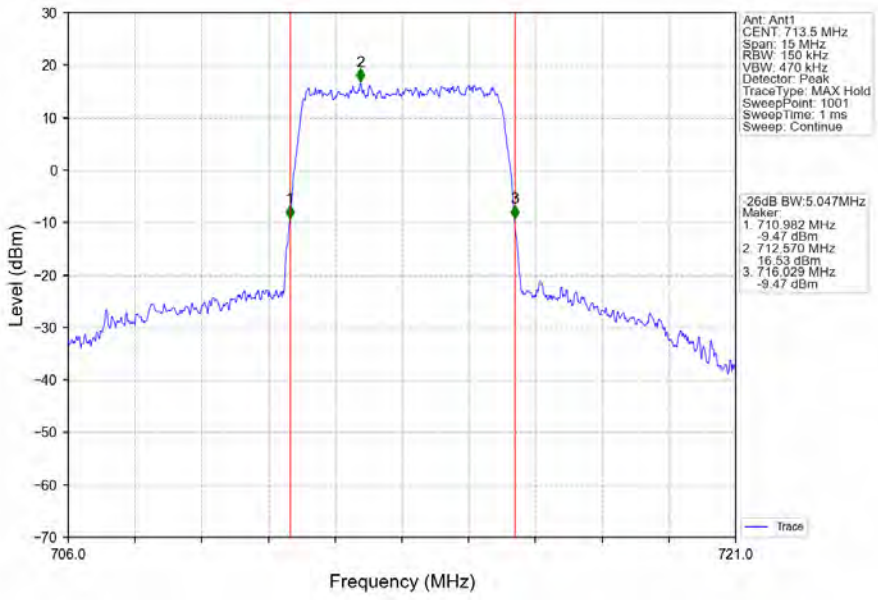

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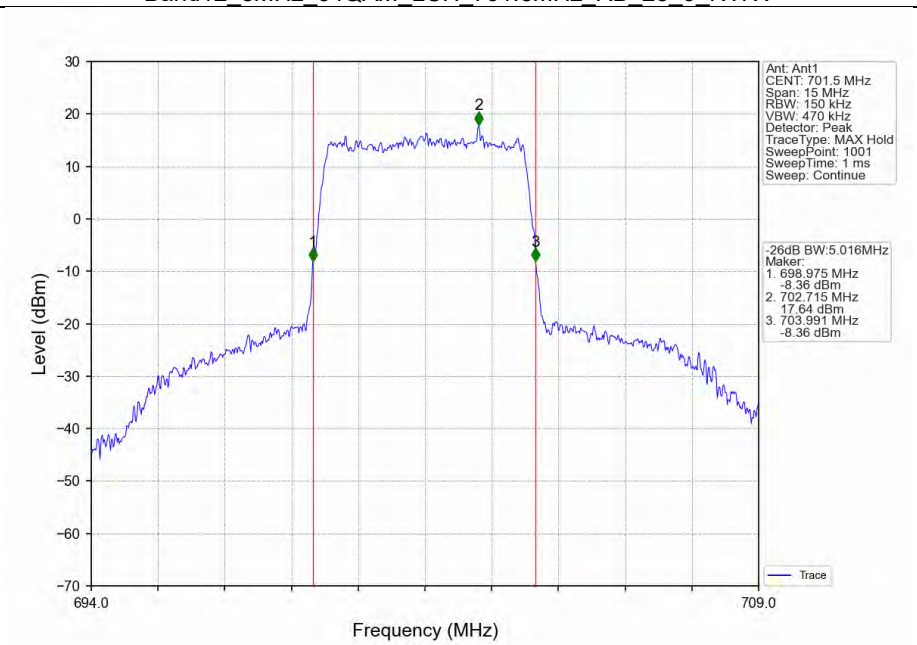

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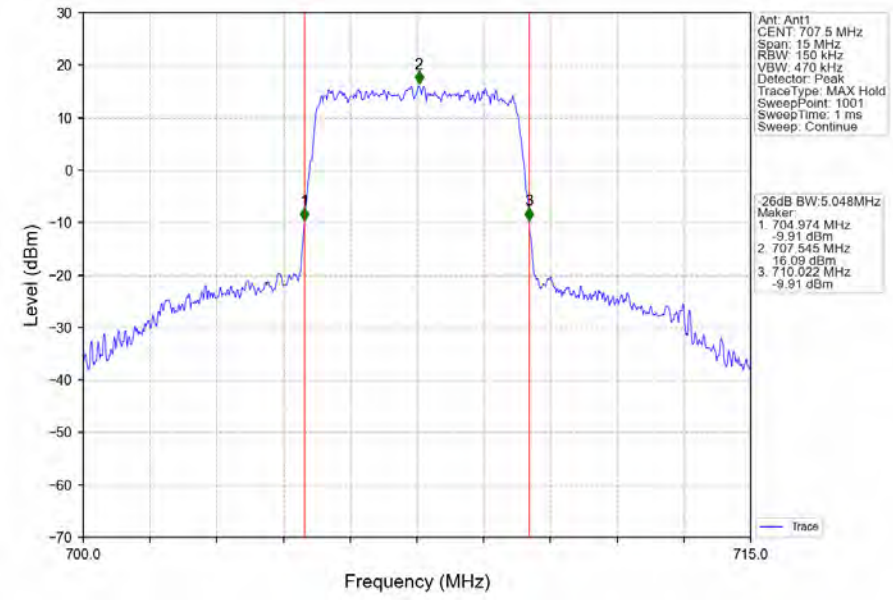

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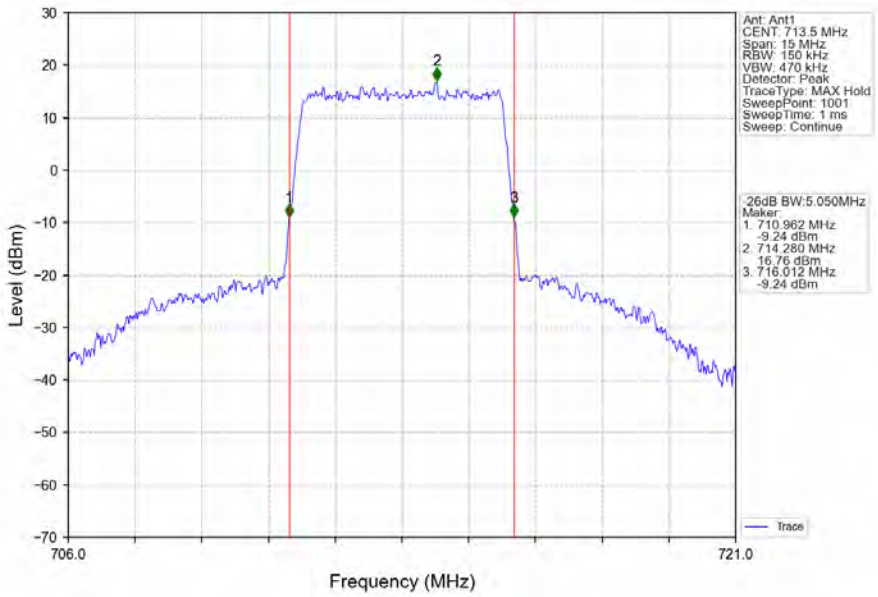

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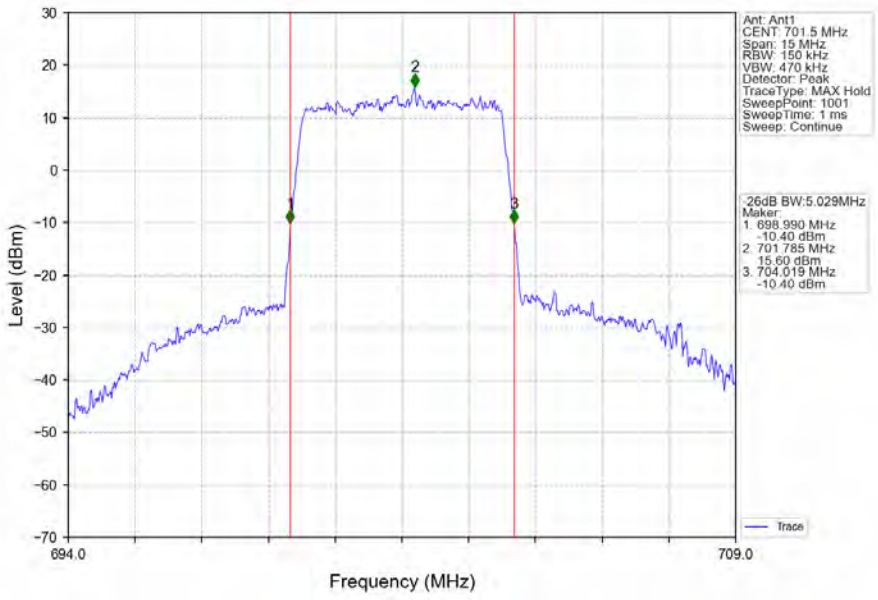

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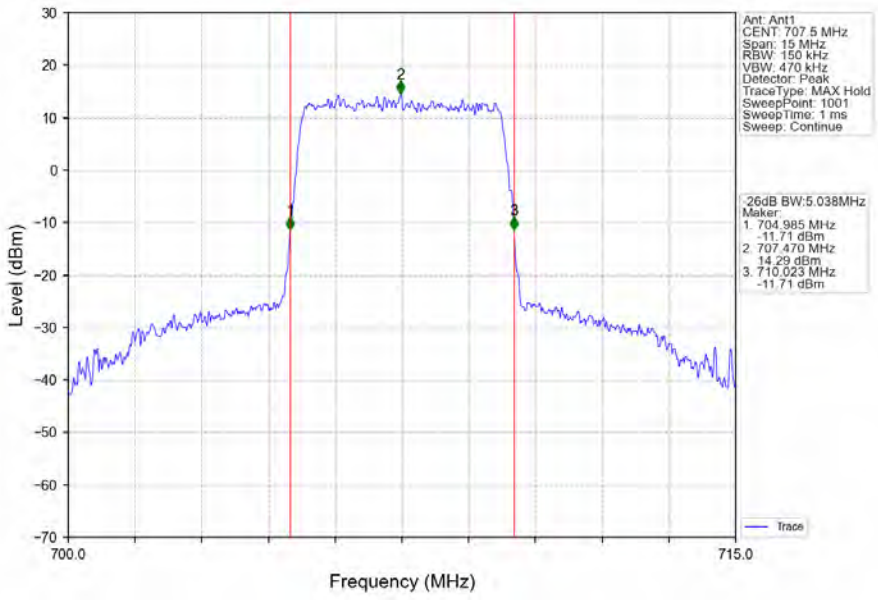
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV

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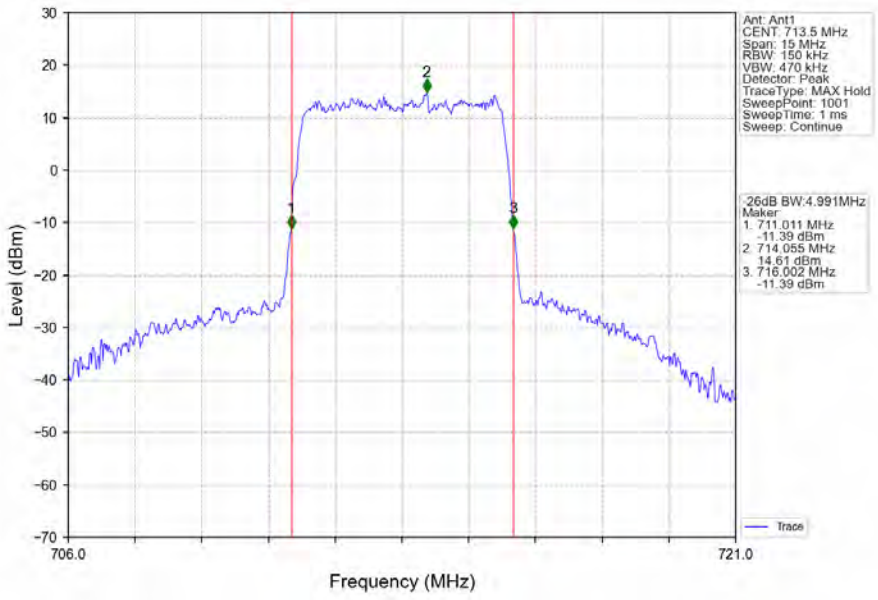

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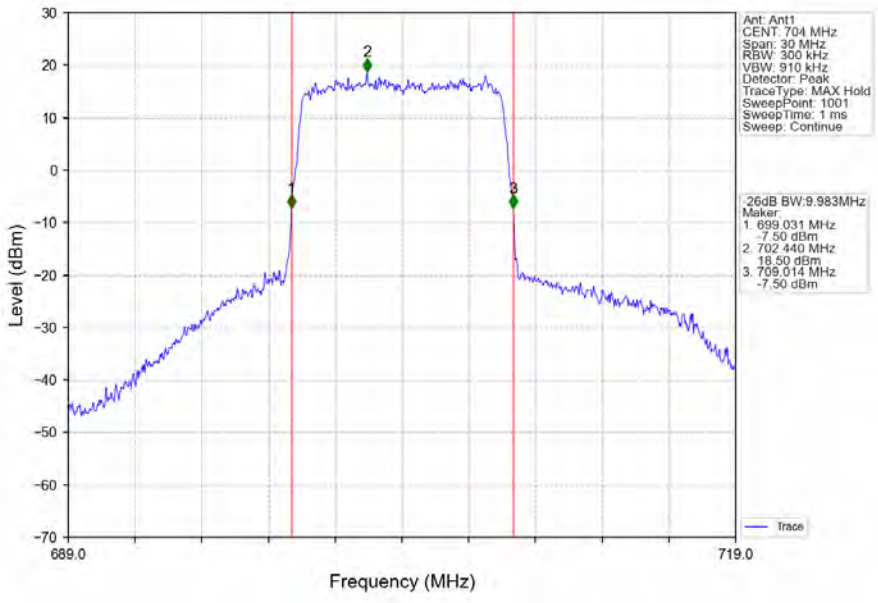
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

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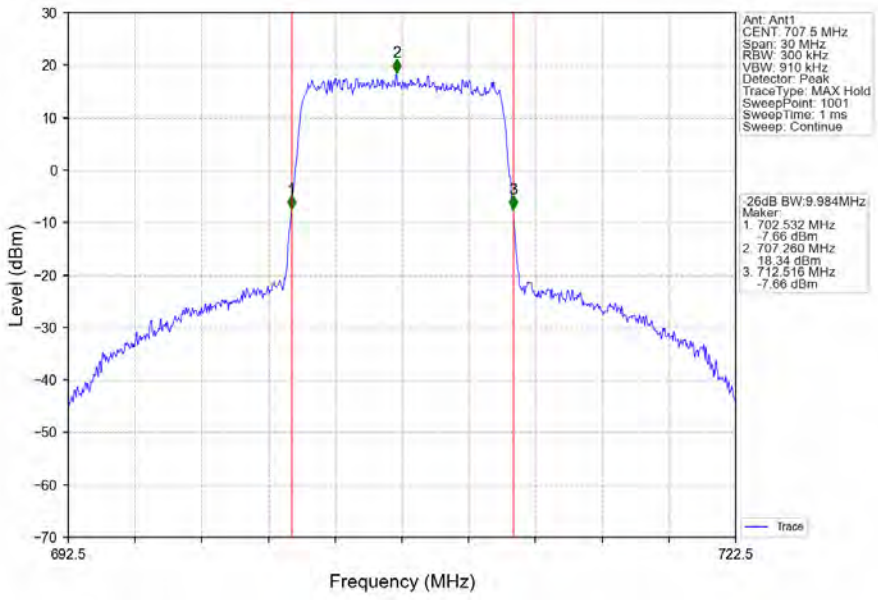

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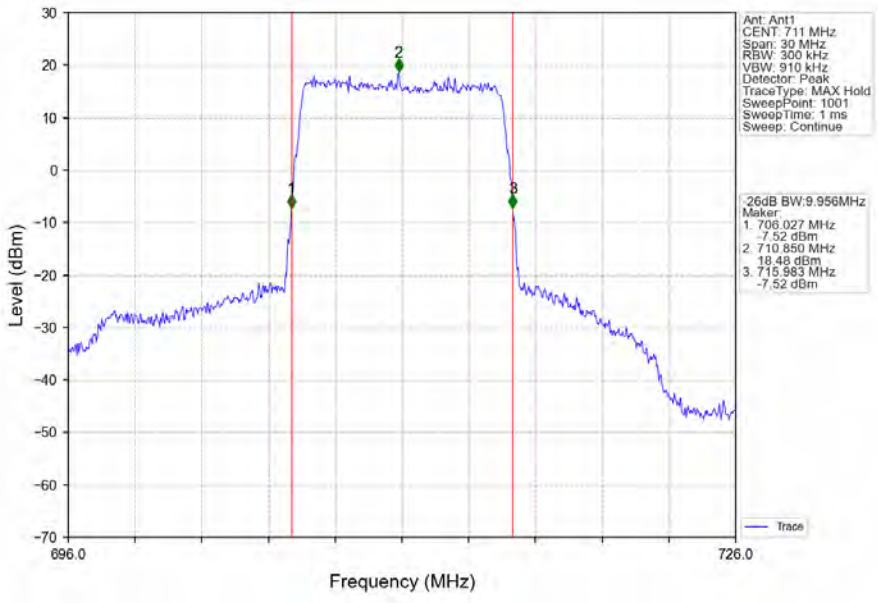

Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

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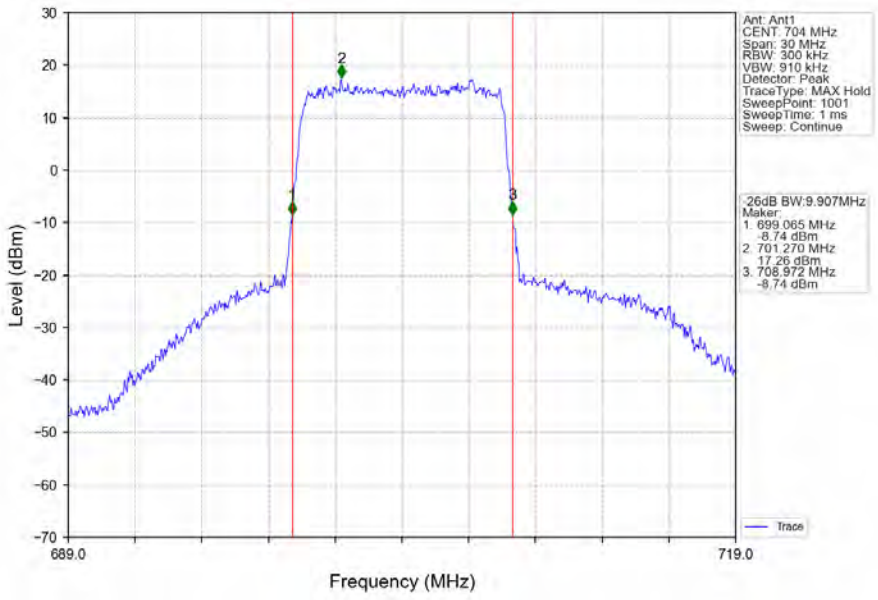

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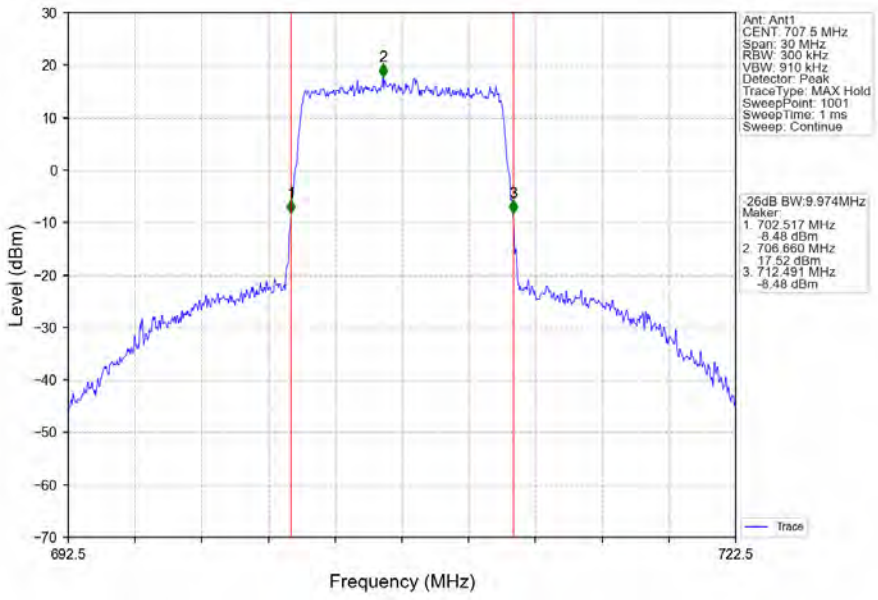

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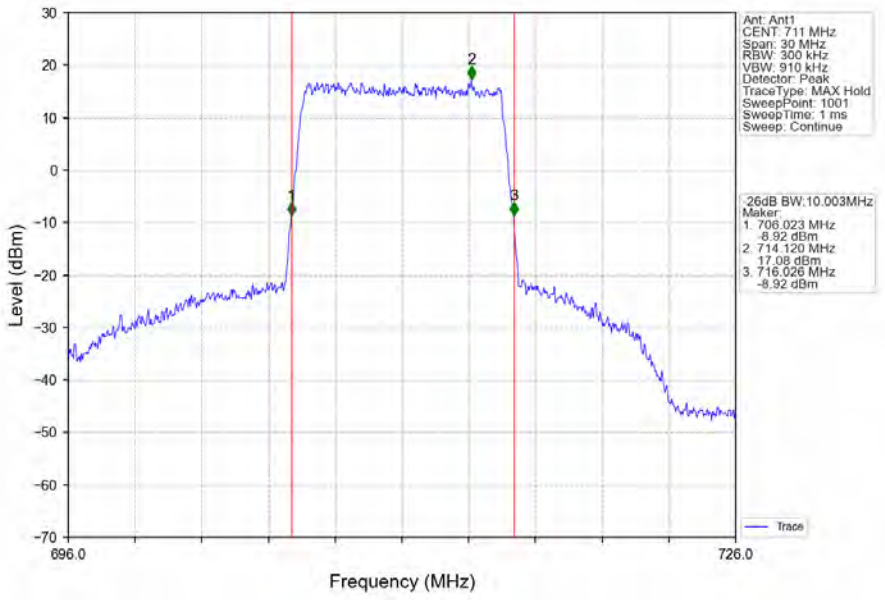

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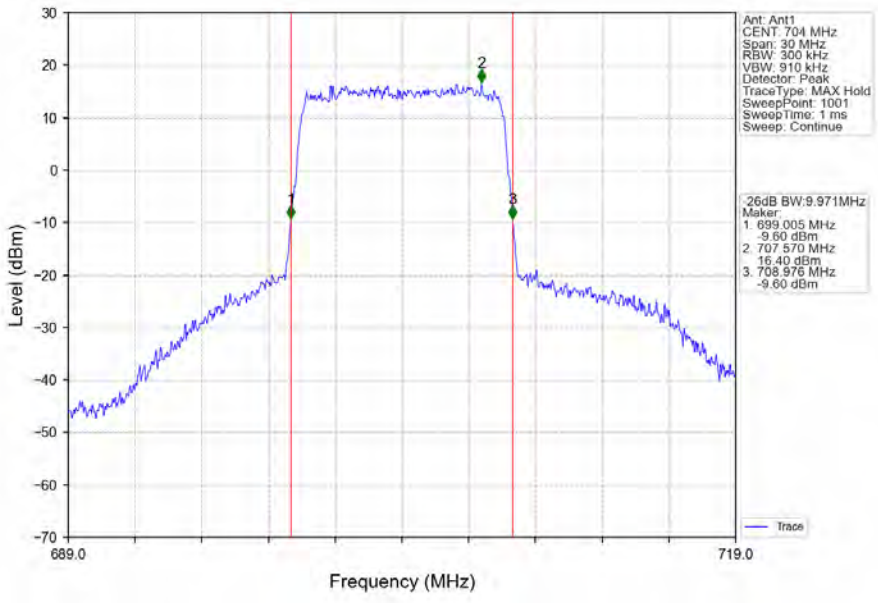
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



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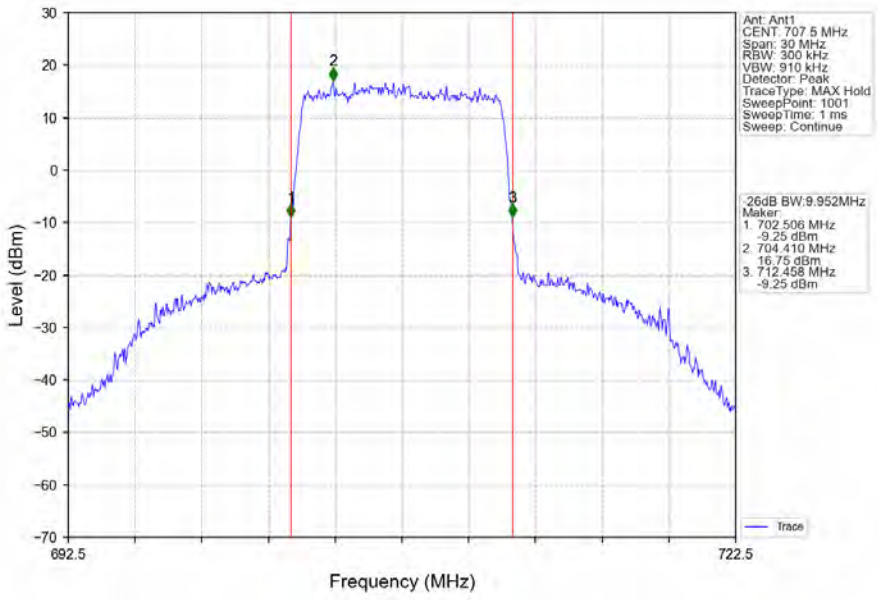

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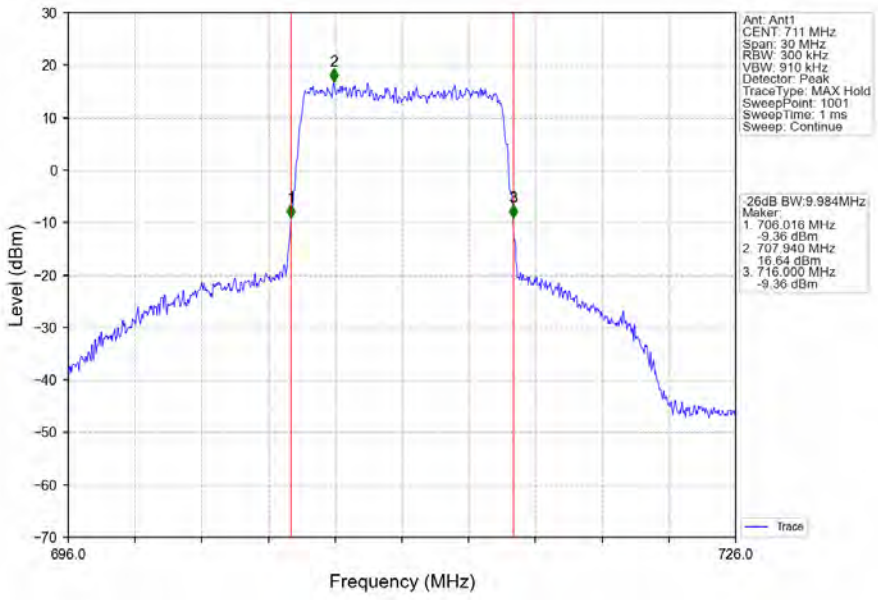

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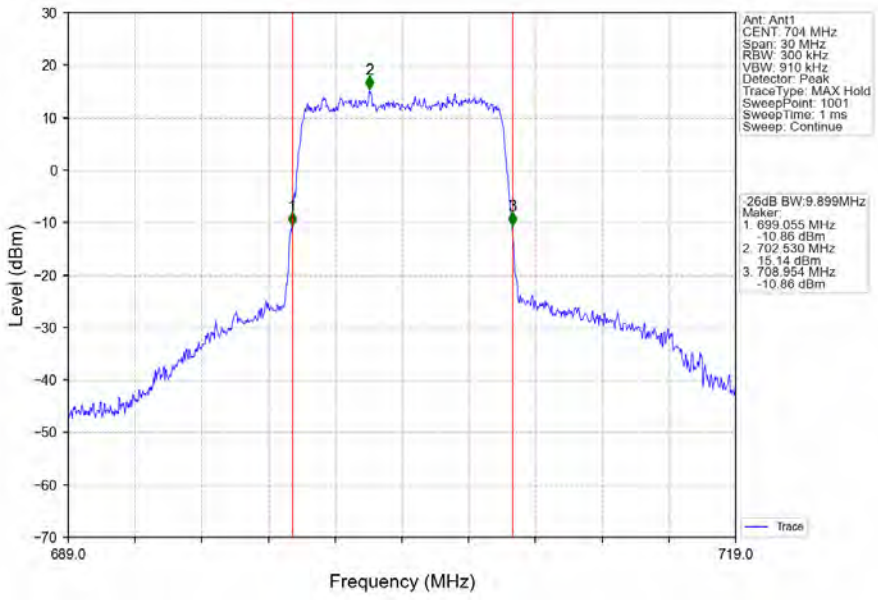

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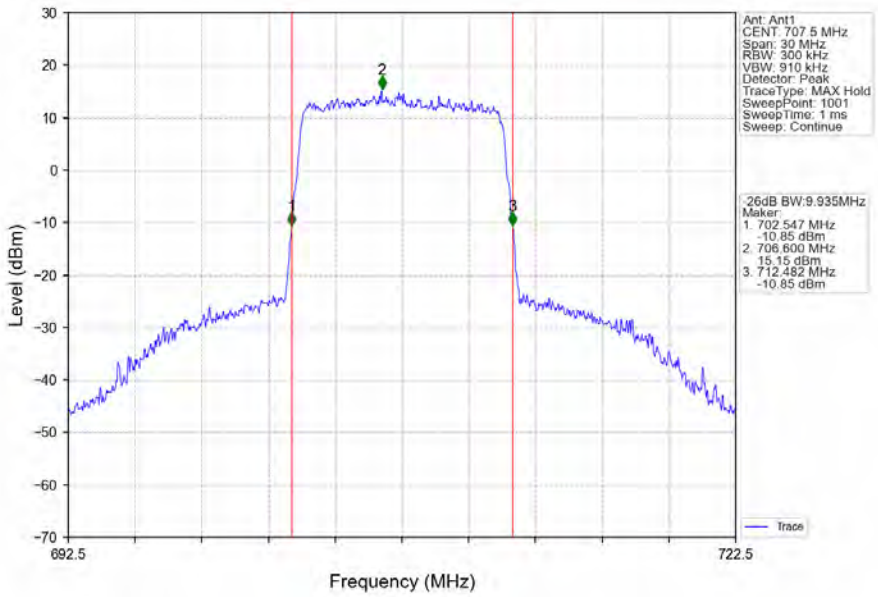

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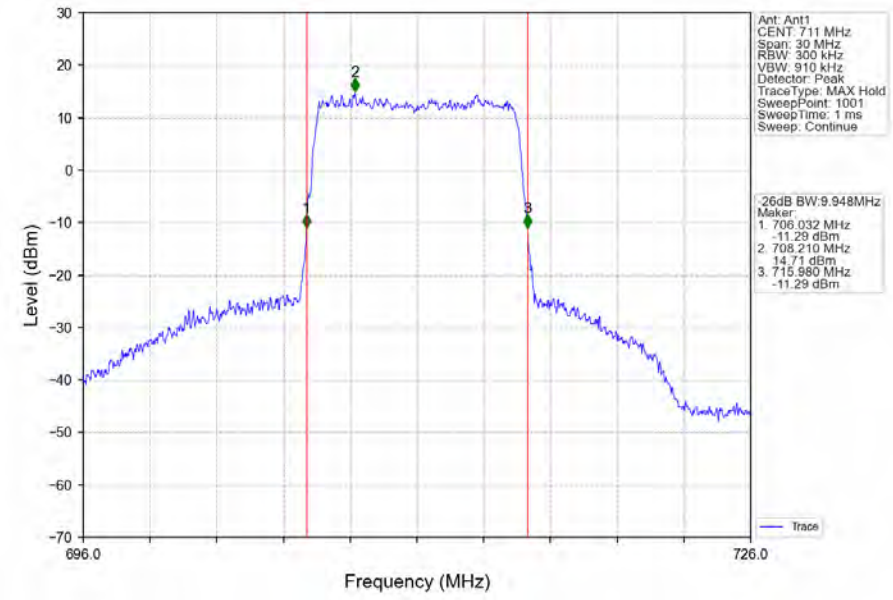

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4. Peak-Average Ratio

4.1 B12_1.4MHz

4.1.1 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	5.62	<=13	Pass
	707.5	6	0	5.40	<=13	Pass
	715.3	6	0	5.03	<=13	Pass
16QAM	699.7	6	0	6.53	<=13	Pass
	707.5	6	0	6.19	<=13	Pass
	715.3	6	0	5.91	<=13	Pass
64QAM	699.7	6	0	7.22	<=13	Pass
	707.5	6	0	6.98	<=13	Pass
	715.3	6	0	7.01	<=13	Pass
256QAM	699.7	6	0	7.22	<=13	Pass
	707.5	6	0	7.12	<=13	Pass
	715.3	6	0	6.81	<=13	Pass

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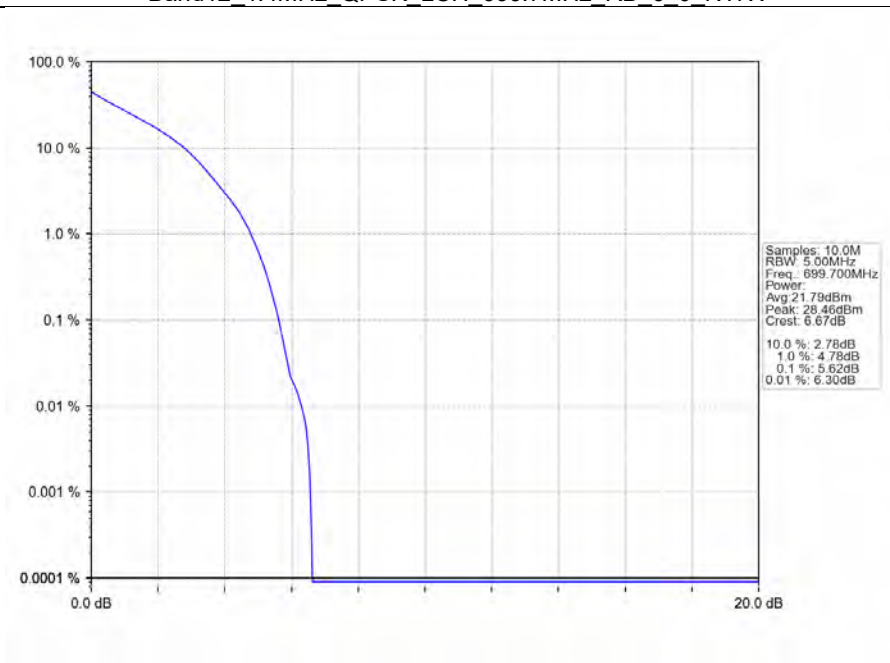
4.1.2 Test Graph

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV

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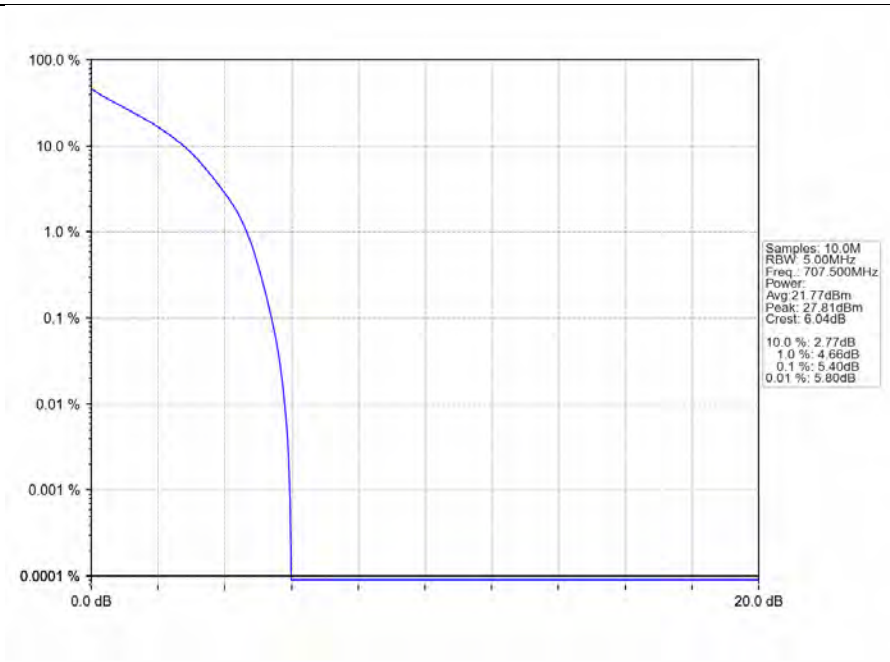

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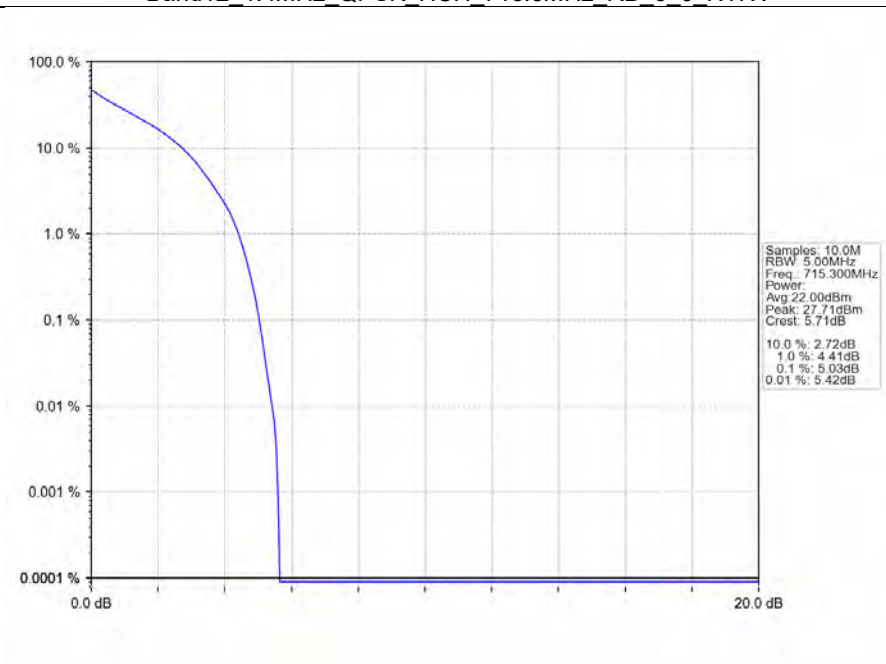
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

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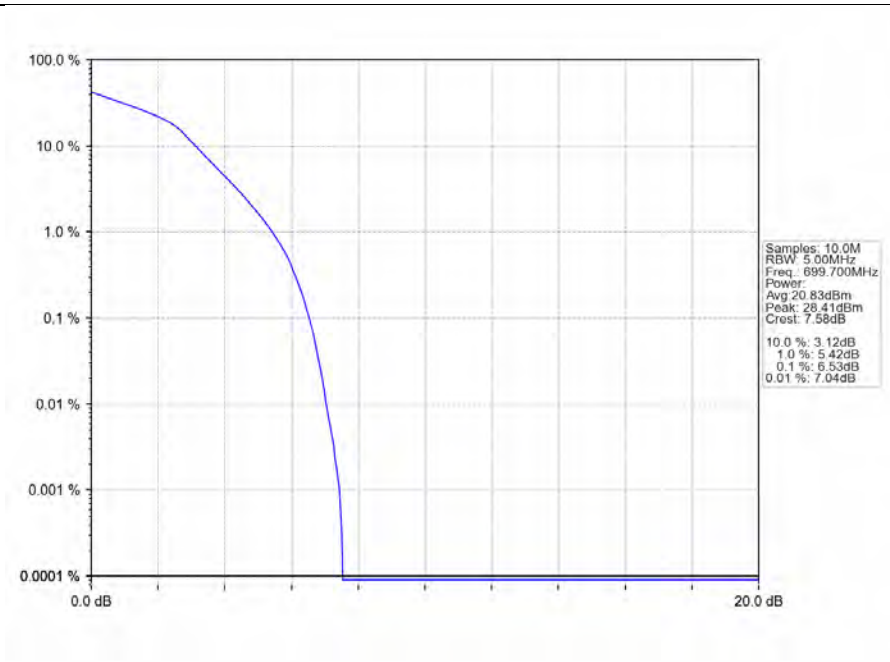

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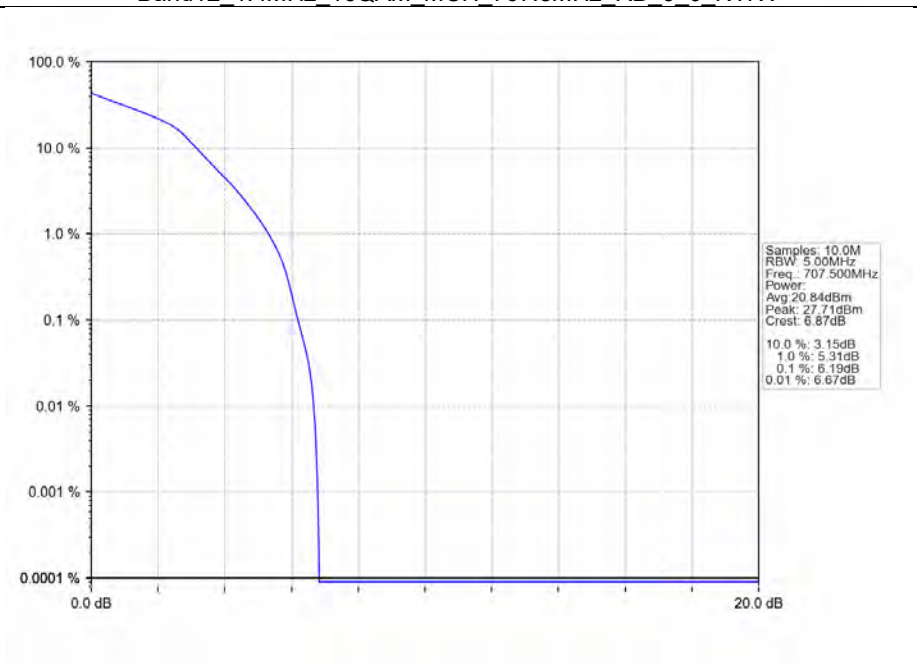
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

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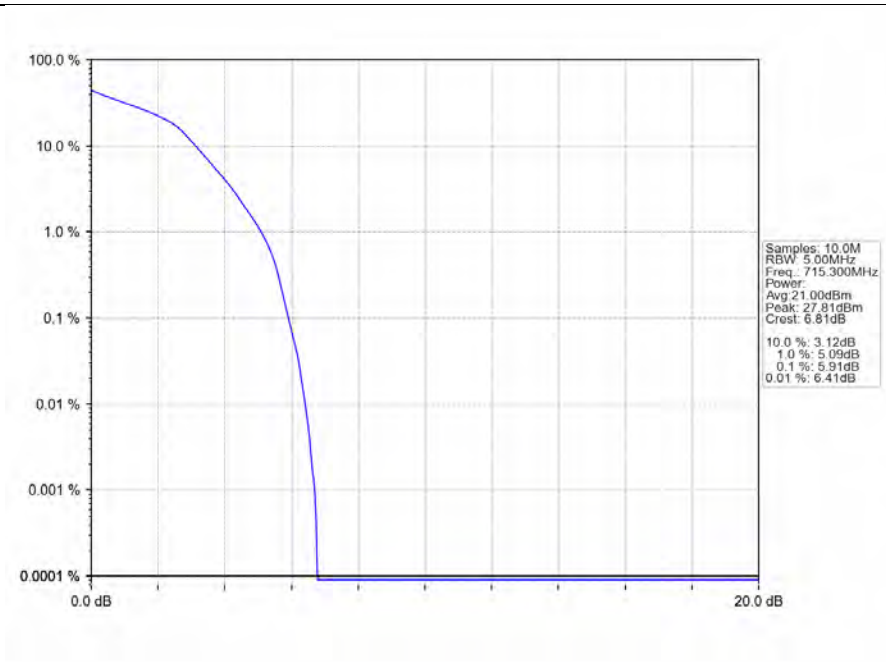

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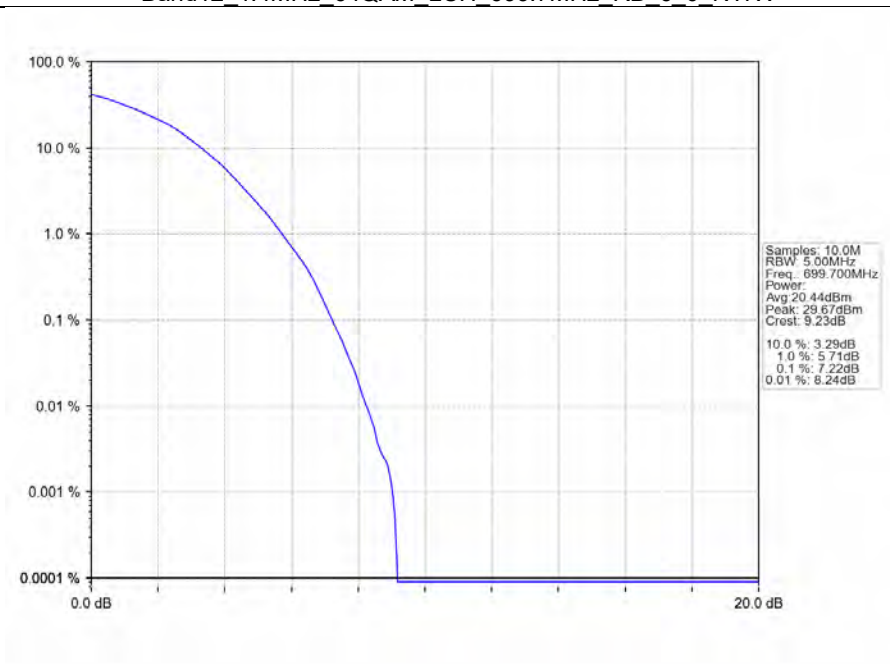
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV

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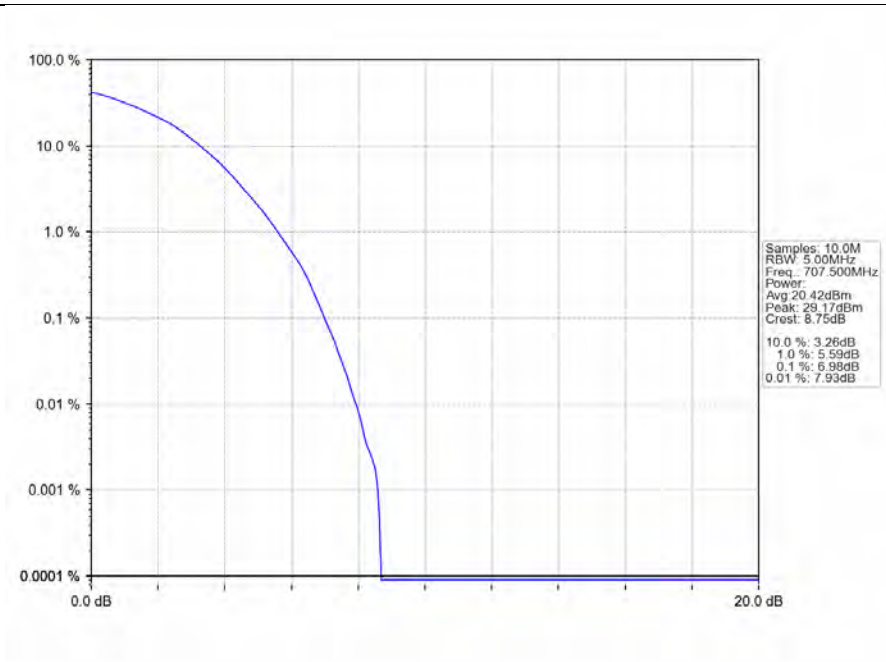

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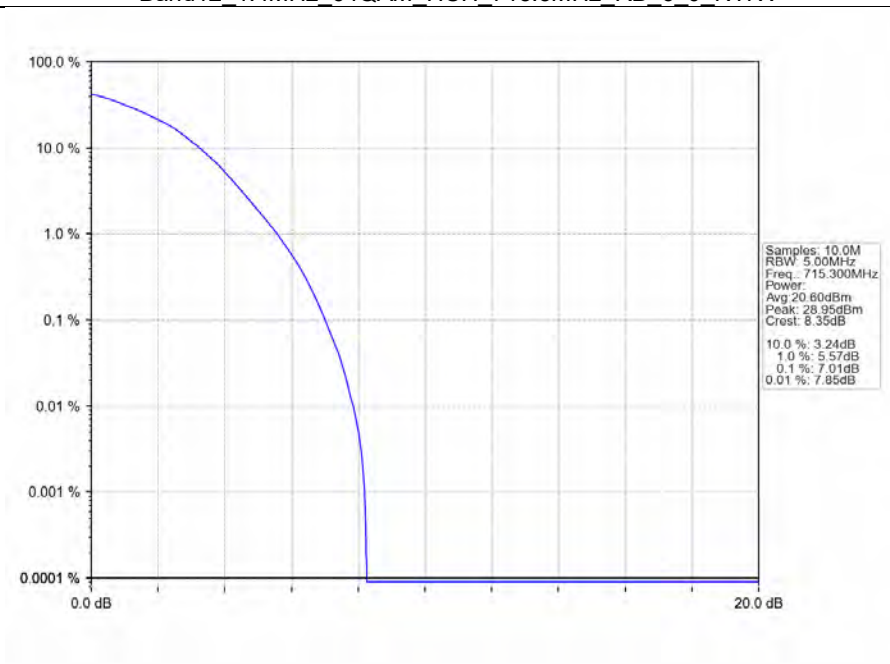
Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_6_0_NTNV

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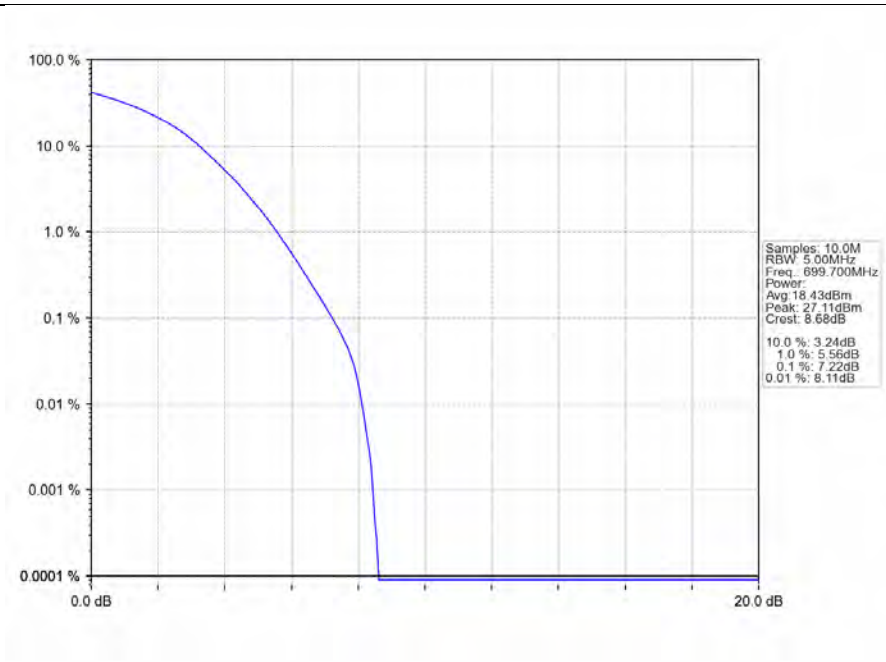

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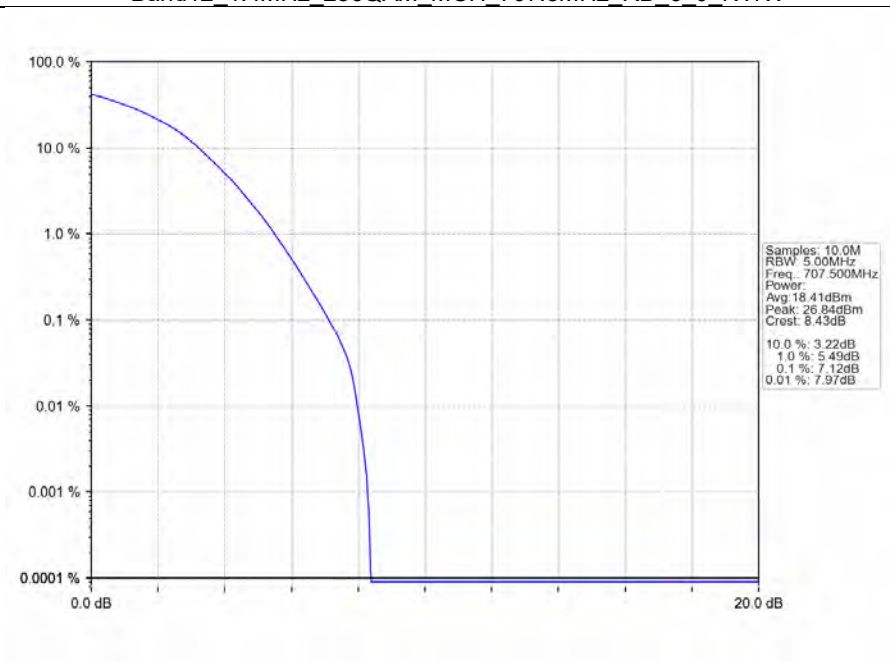
Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV

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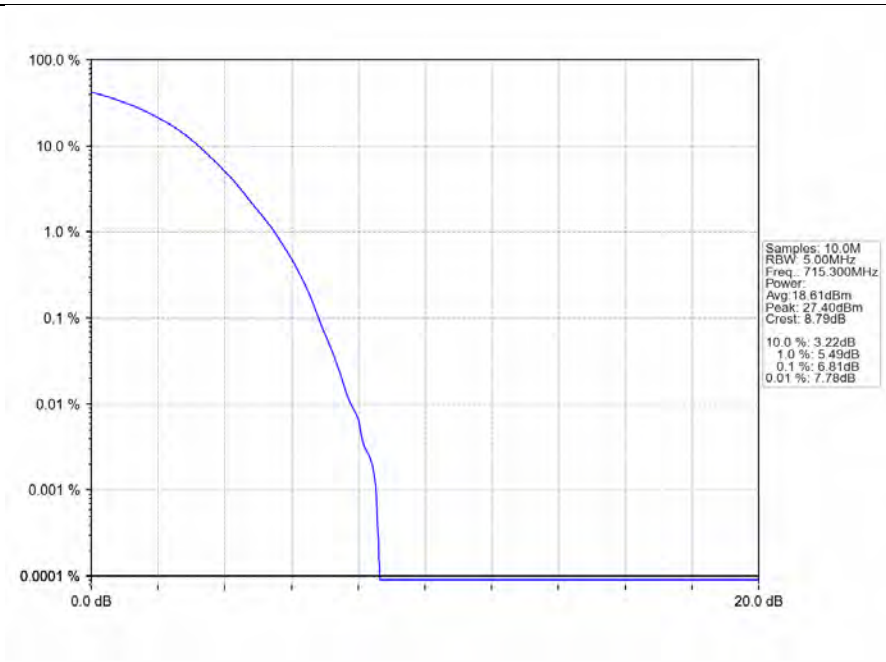

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4.2 B12_3MHz

4.2.1 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	5.52	<=13	Pass
	707.5	15	0	5.27	<=13	Pass
	714.5	15	0	5.10	<=13	Pass
16QAM	700.5	15	0	6.47	<=13	Pass
	707.5	15	0	6.17	<=13	Pass
	714.5	15	0	5.96	<=13	Pass
64QAM	700.5	15	0	7.18	<=13	Pass
	707.5	15	0	7.05	<=13	Pass
	714.5	15	0	6.95	<=13	Pass
256QAM	700.5	15	0	7.04	<=13	Pass
	707.5	15	0	7.08	<=13	Pass
	714.5	15	0	11.36	<=13	Pass

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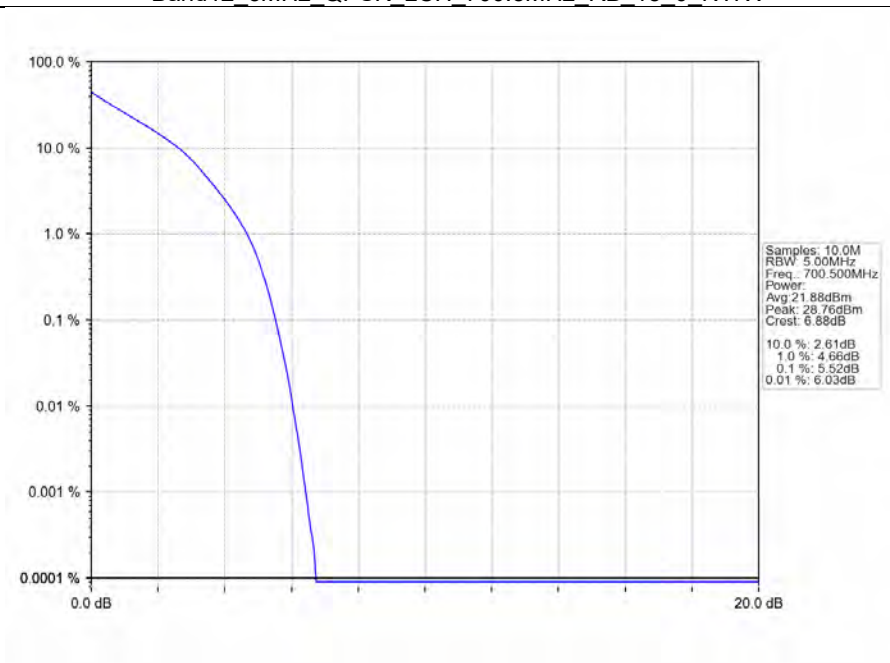
4.2.2 Test Graph

Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV

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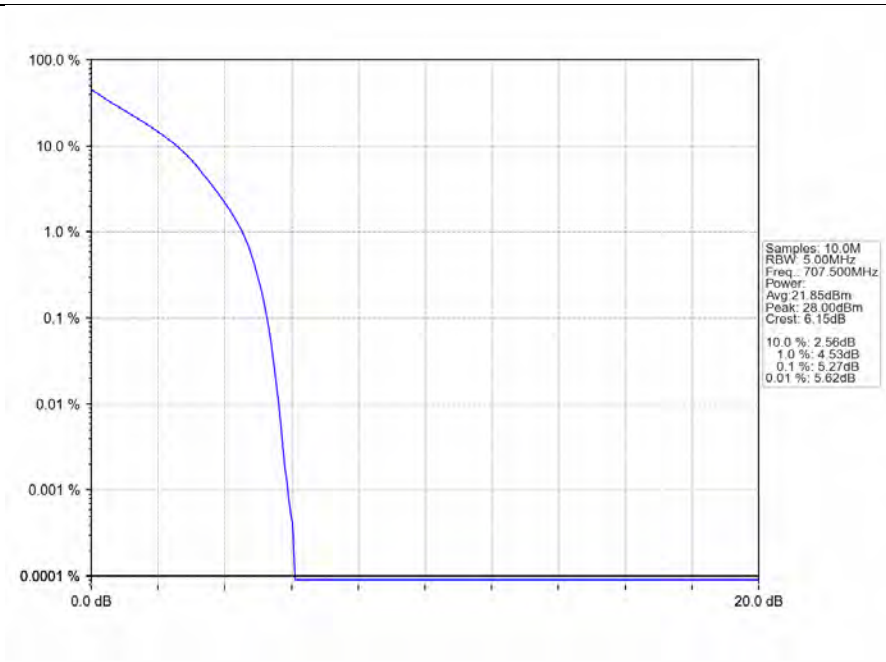

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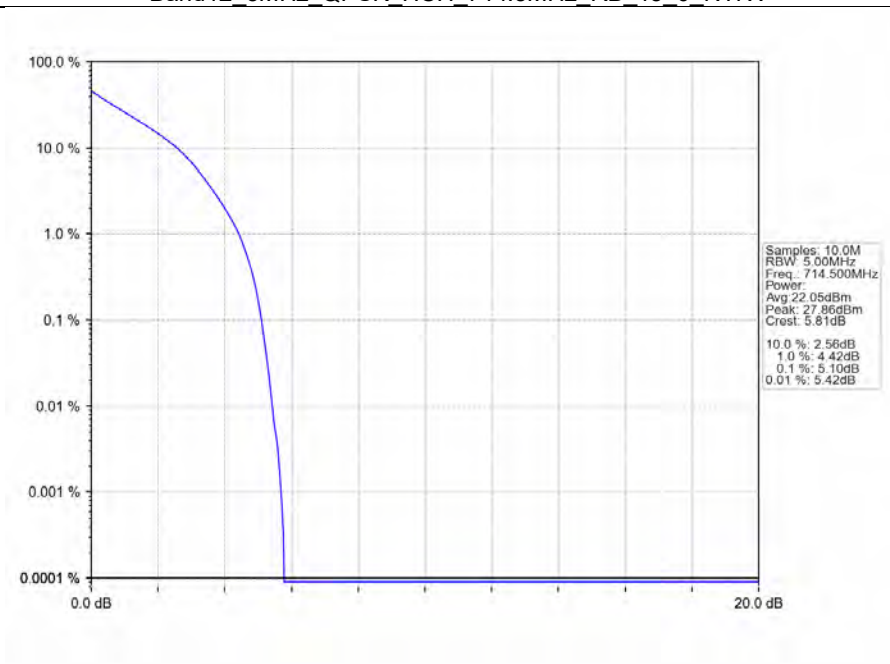
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

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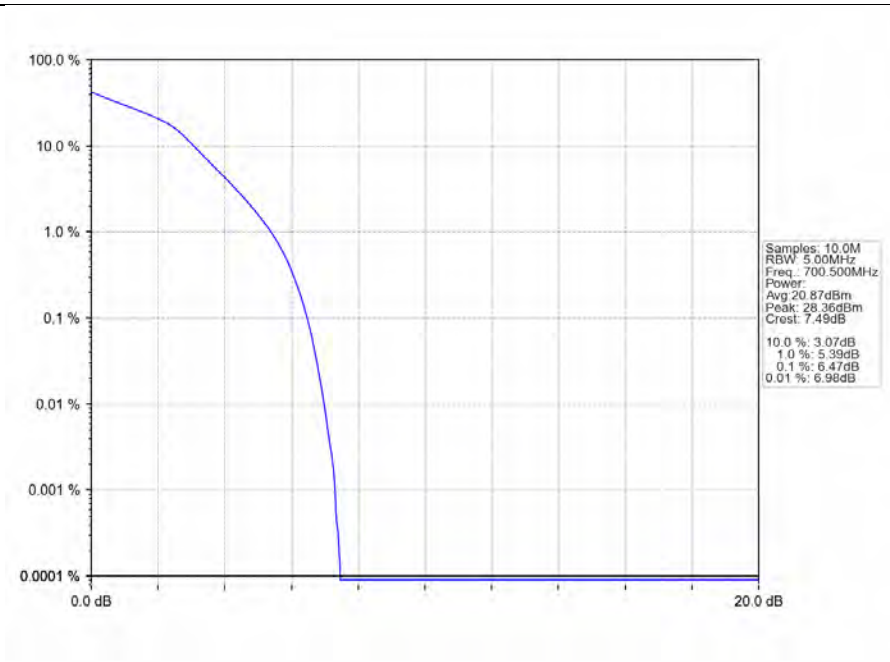

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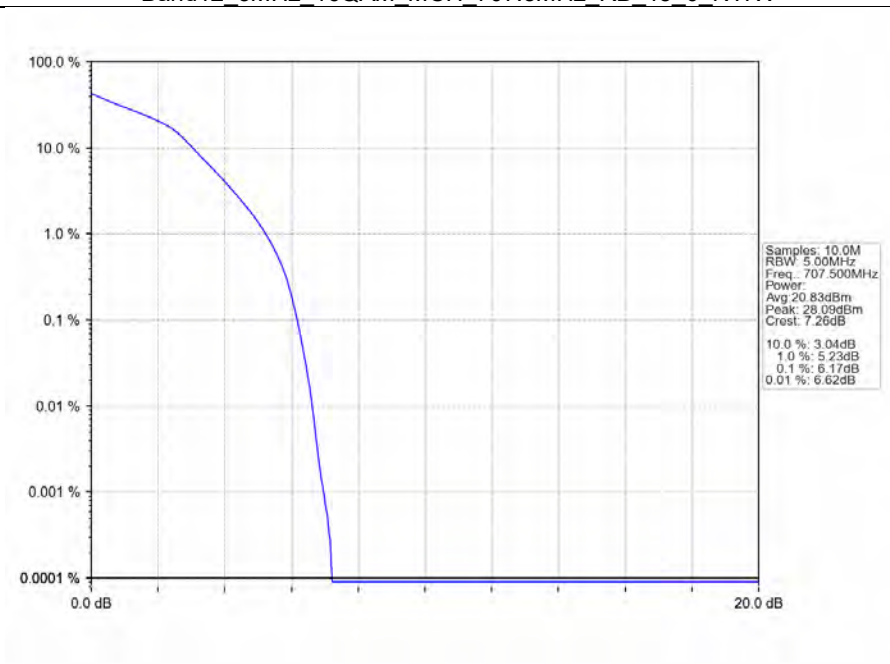
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



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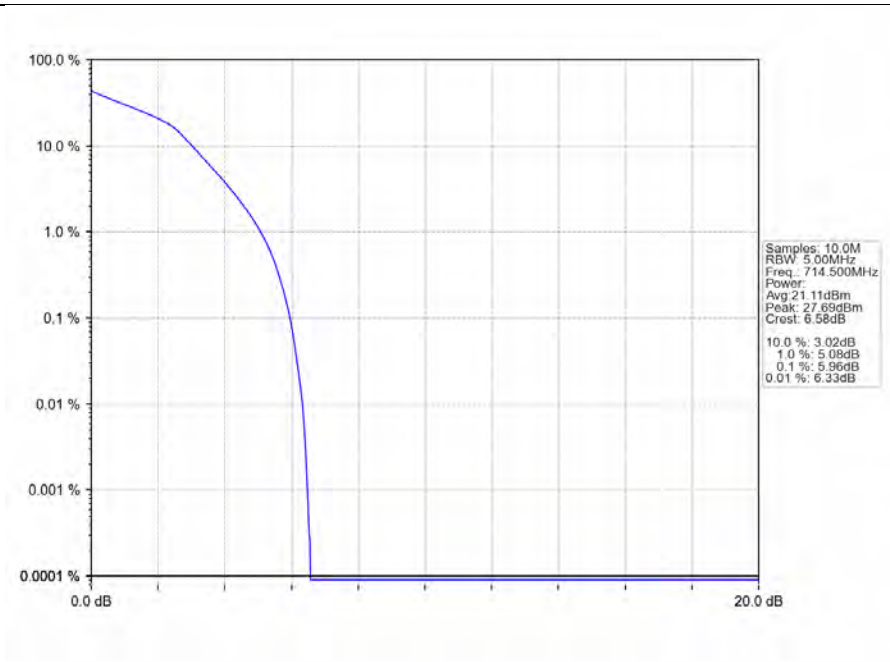

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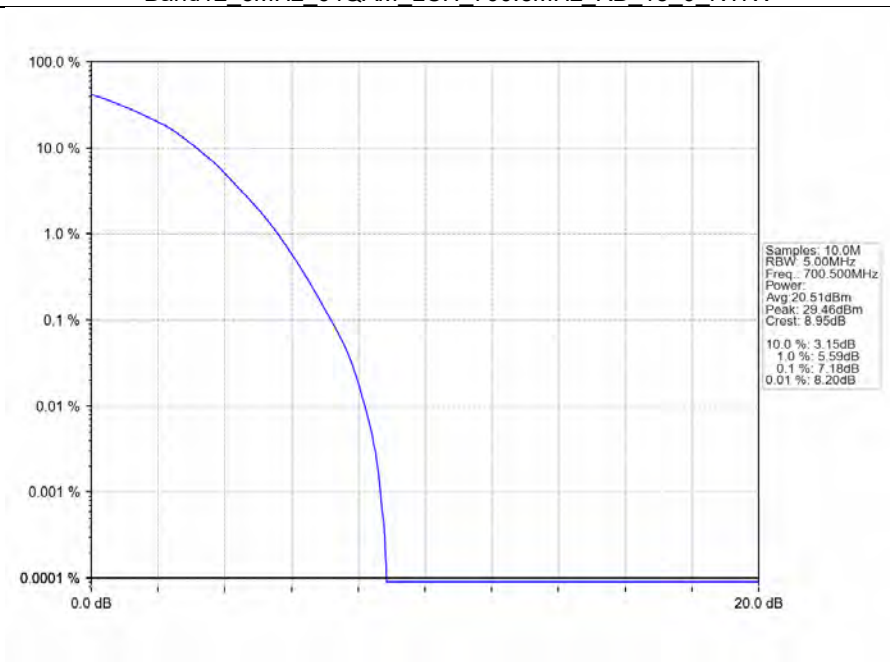
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



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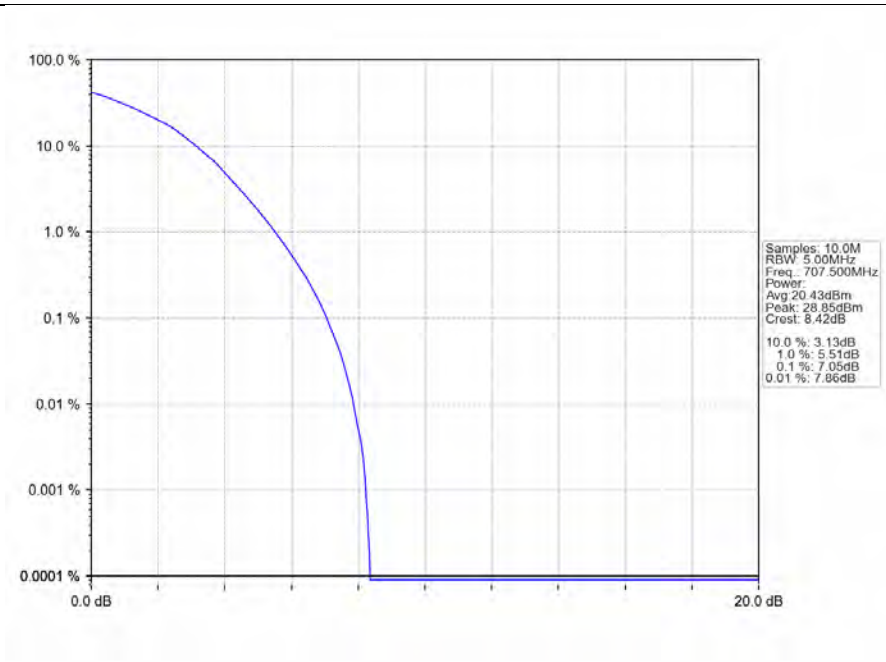

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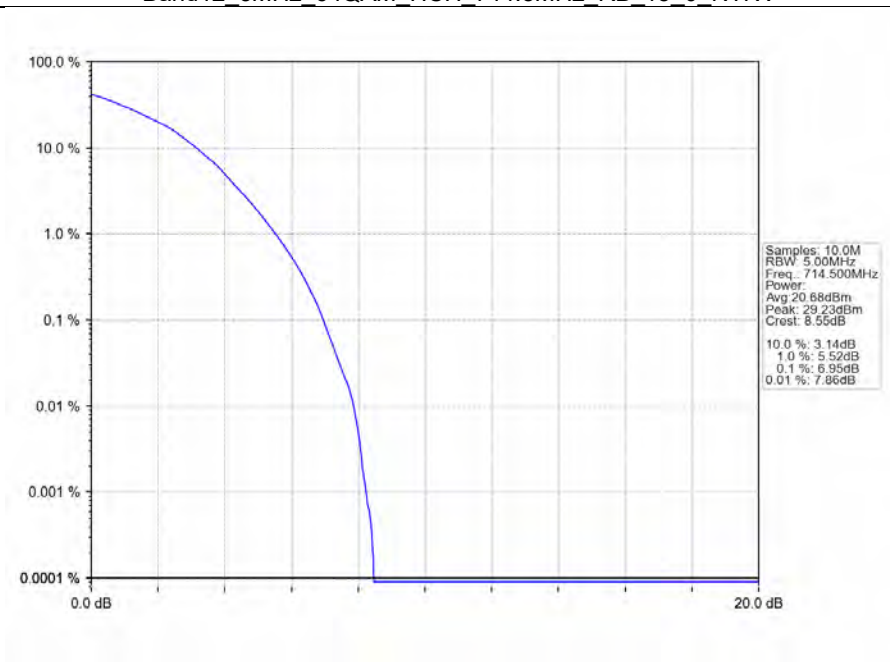

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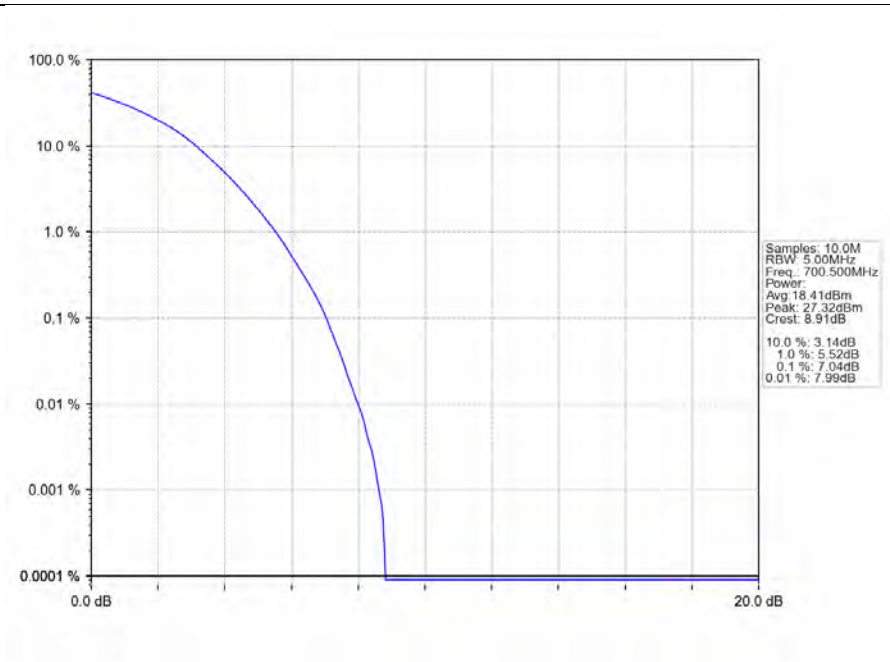

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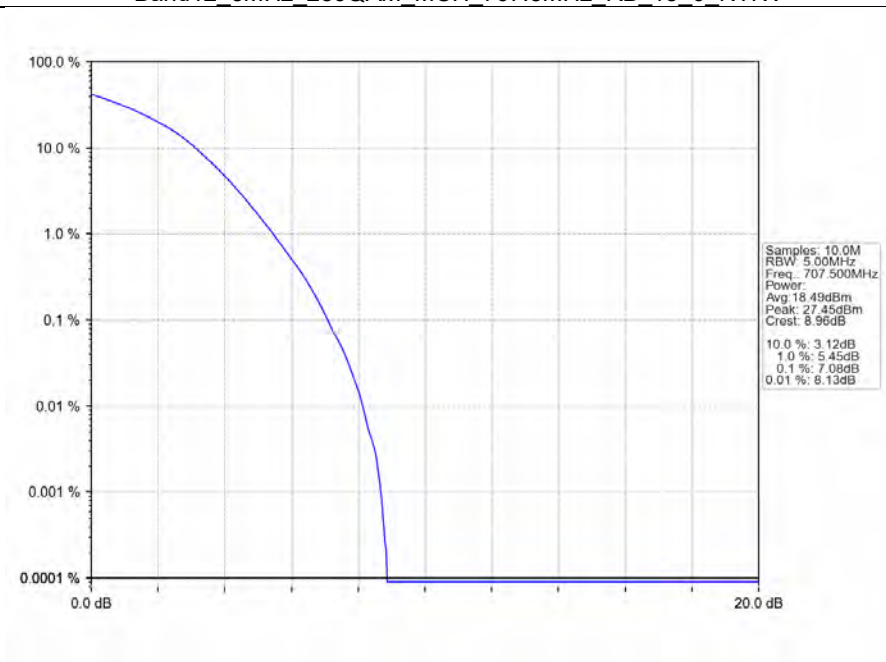

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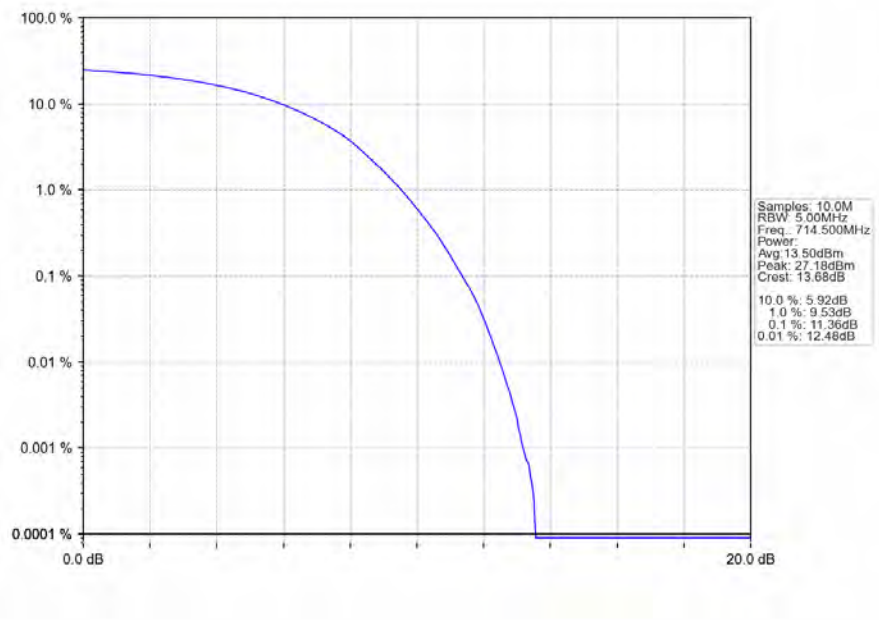

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4.3 B12_5MHz

4.3.1 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	5.33	<=13	Pass
	707.5	25	0	5.31	<=13	Pass
	713.5	25	0	5.33	<=13	Pass
16QAM	701.5	25	0	6.35	<=13	Pass
	707.5	25	0	6.14	<=13	Pass
	713.5	25	0	6.11	<=13	Pass
64QAM	701.5	25	0	6.93	<=13	Pass
	707.5	25	0	7.04	<=13	Pass
	713.5	25	0	7.07	<=13	Pass
256QAM	701.5	25	0	6.91	<=13	Pass
	707.5	25	0	7.01	<=13	Pass
	713.5	25	0	6.99	<=13	Pass

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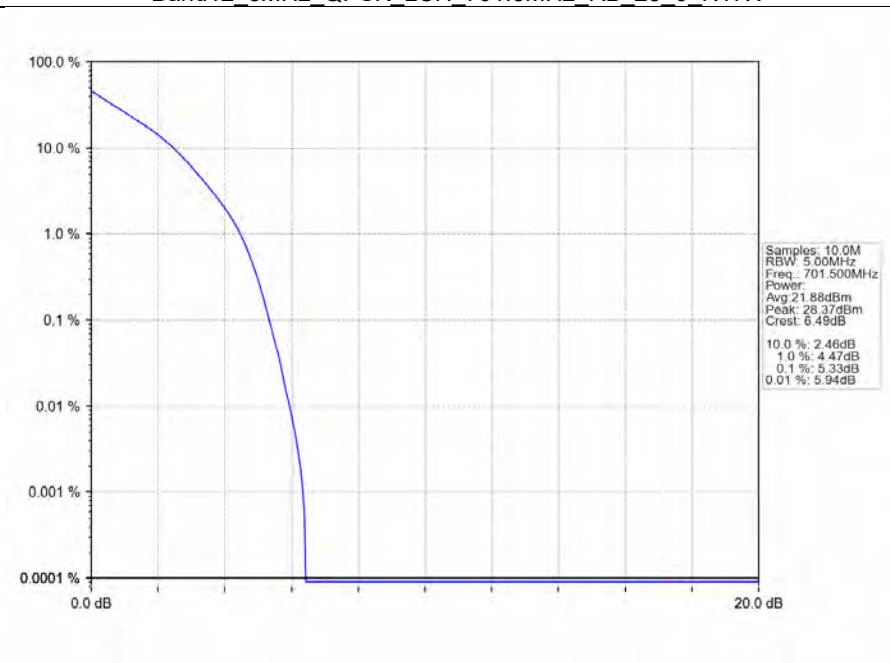
4.3.2 Test Graph

Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



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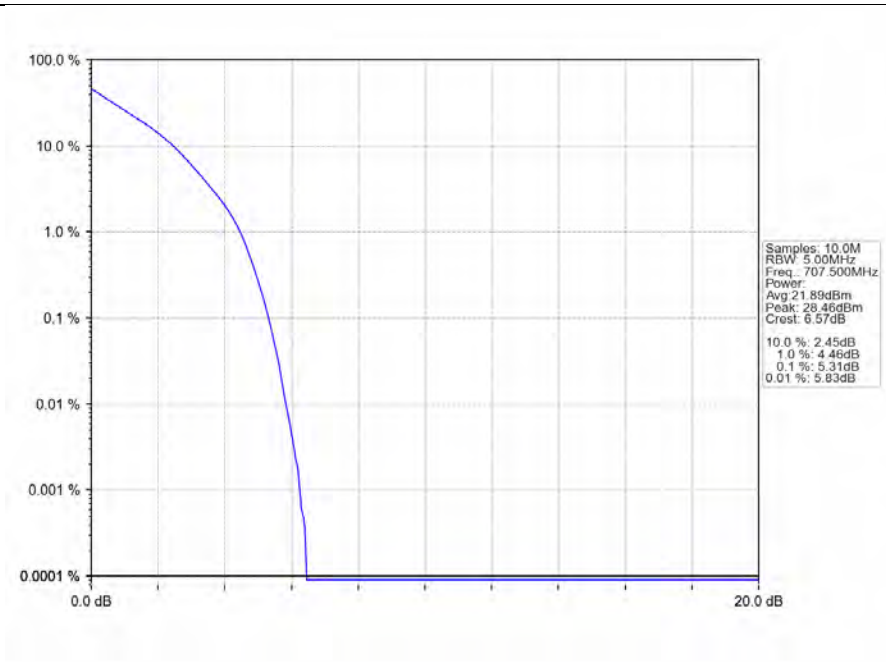

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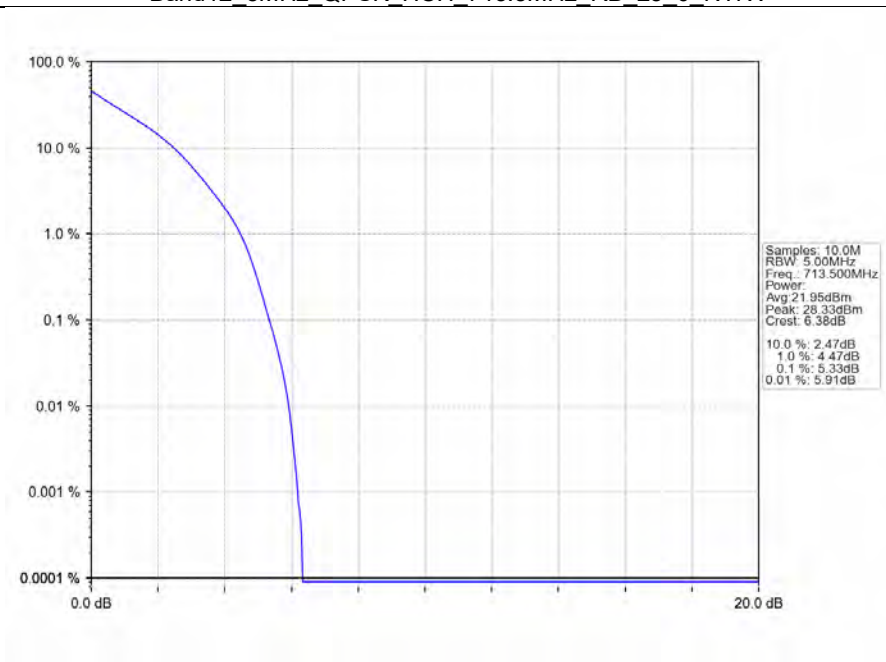
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

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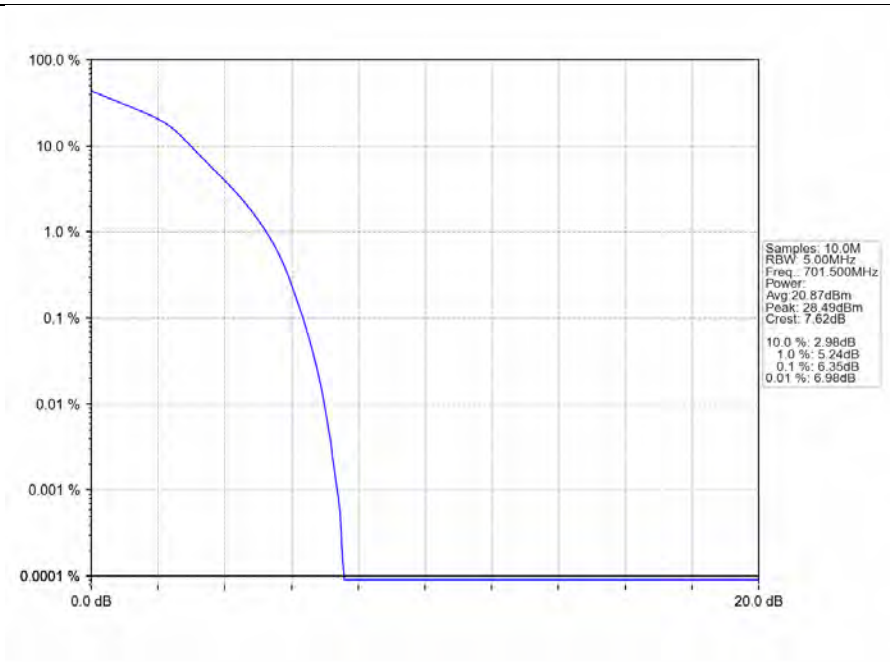

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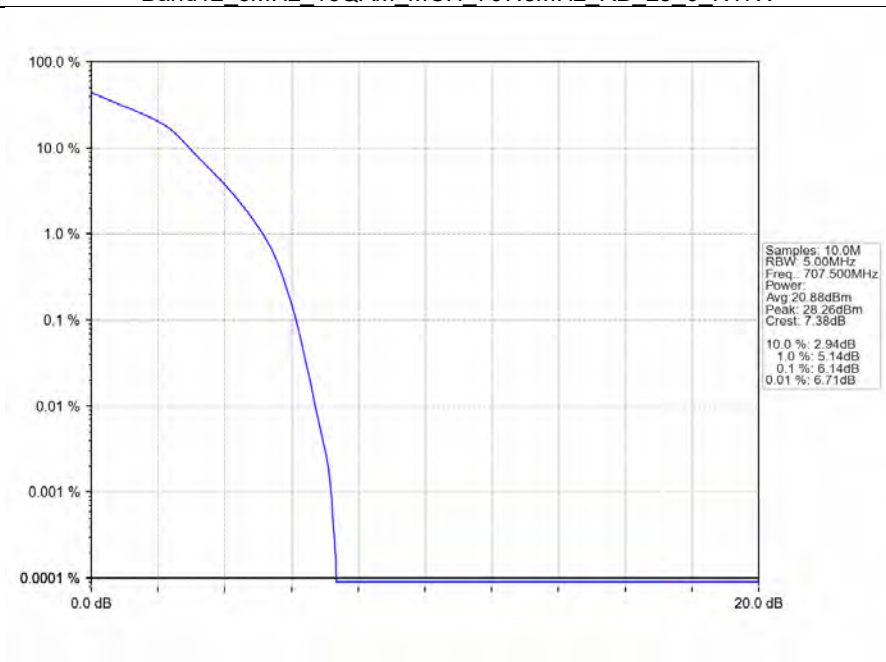

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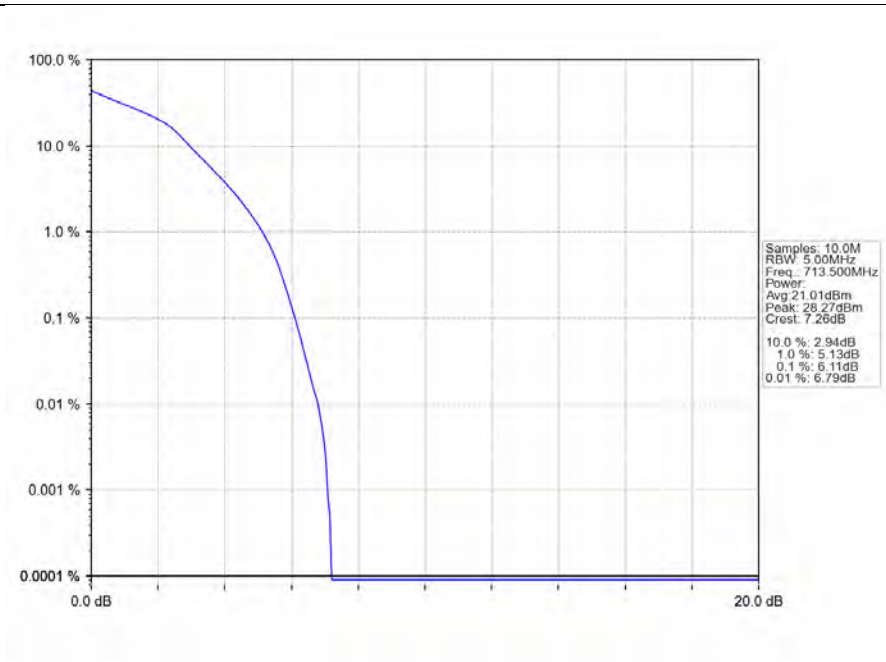

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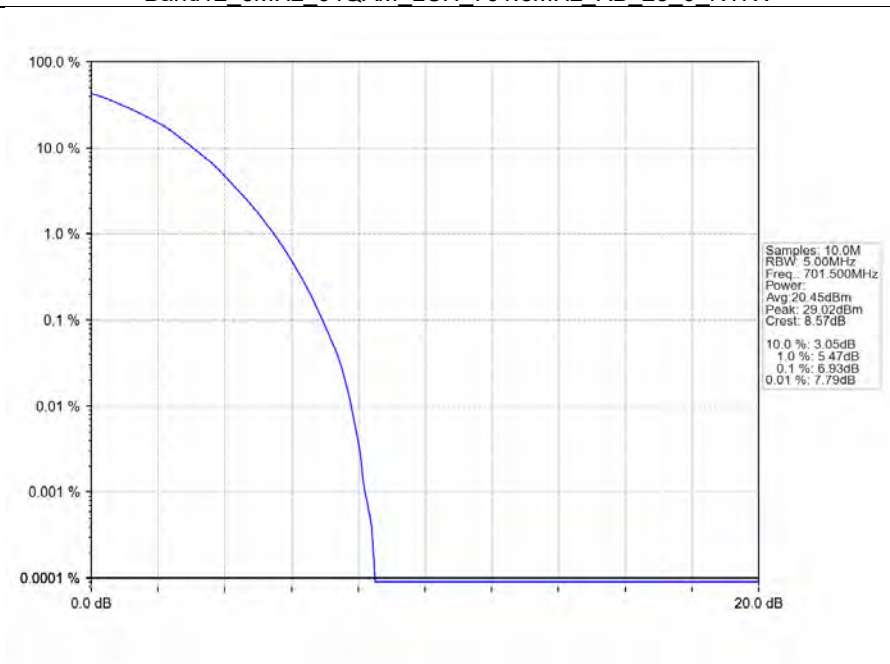

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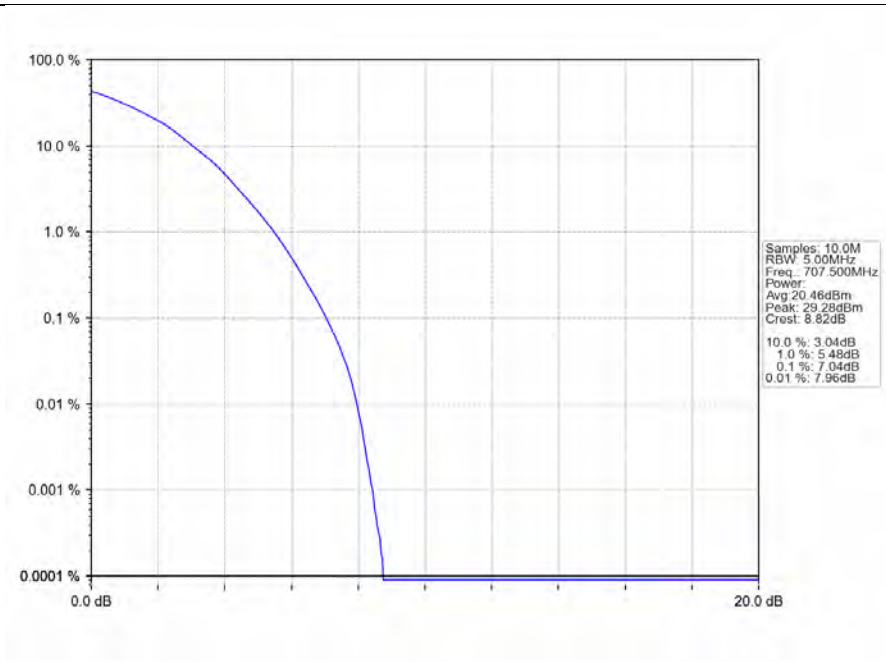

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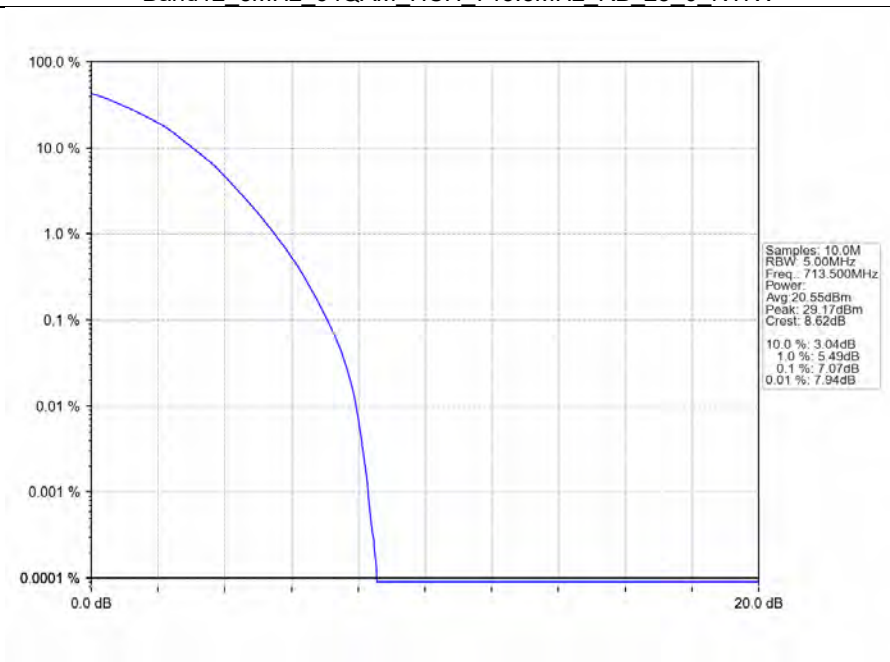

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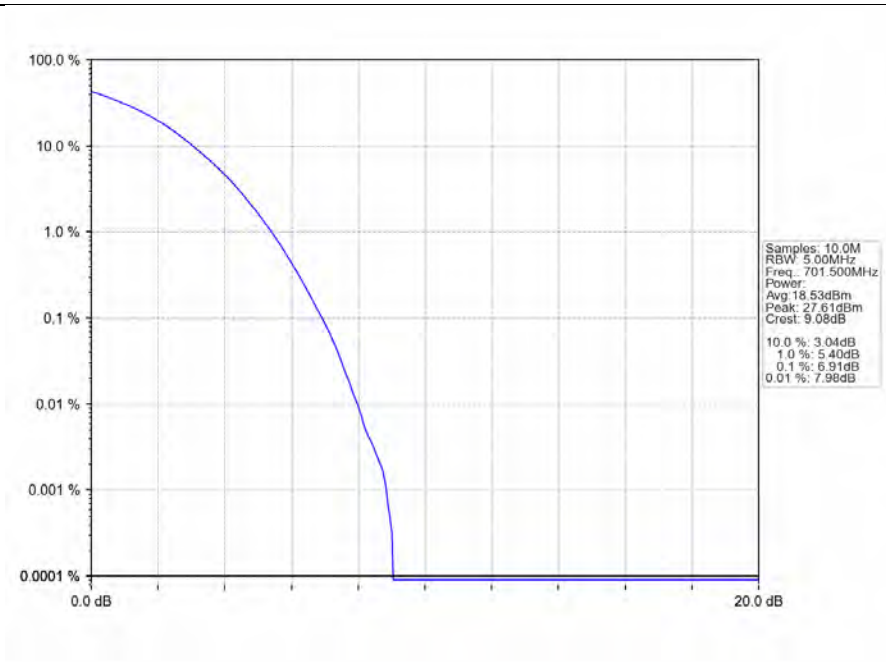

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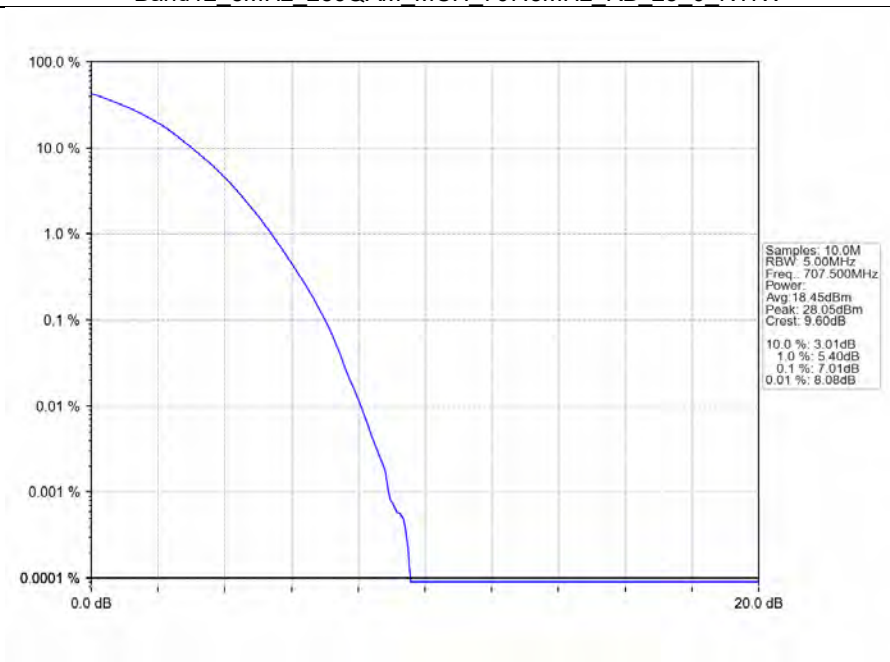

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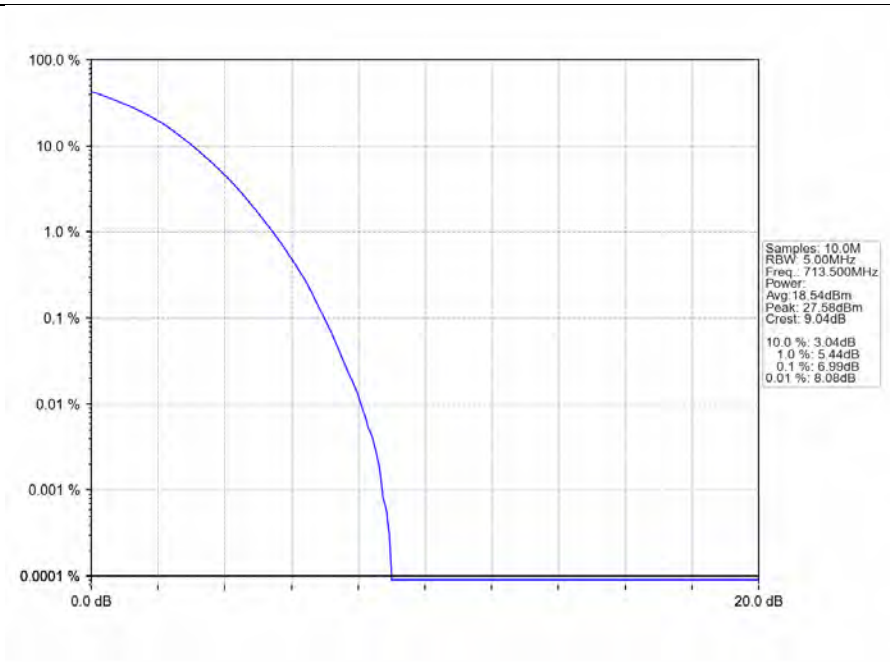

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4.4 B12_10MHz

4.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.28	<=13	Pass
	707.5	50	0	5.19	<=13	Pass
	711	50	0	5.41	<=13	Pass
16QAM	704	50	0	6.10	<=13	Pass
	707.5	50	0	6.10	<=13	Pass
	711	50	0	6.18	<=13	Pass
64QAM	704	50	0	6.91	<=13	Pass
	707.5	50	0	6.92	<=13	Pass
	711	50	0	6.98	<=13	Pass
256QAM	704	50	0	6.88	<=13	Pass
	707.5	50	0	6.85	<=13	Pass
	711	50	0	7.05	<=13	Pass

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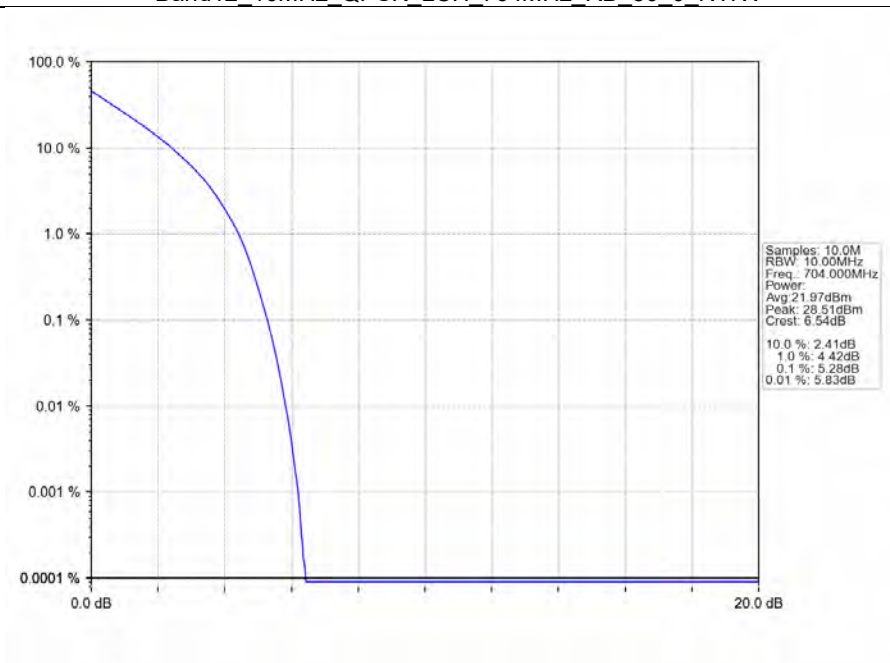
4.4.2 Test Graph

Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



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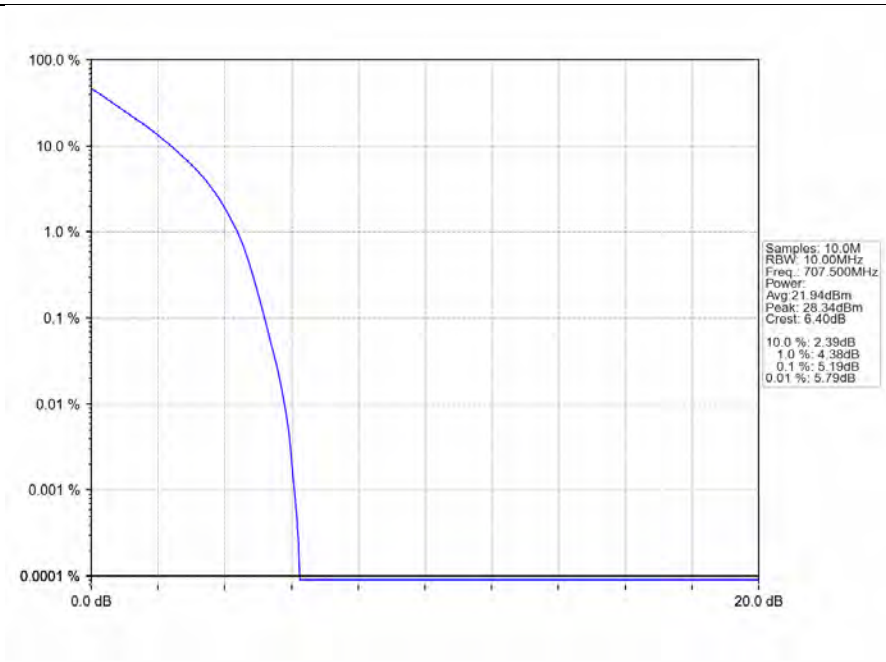

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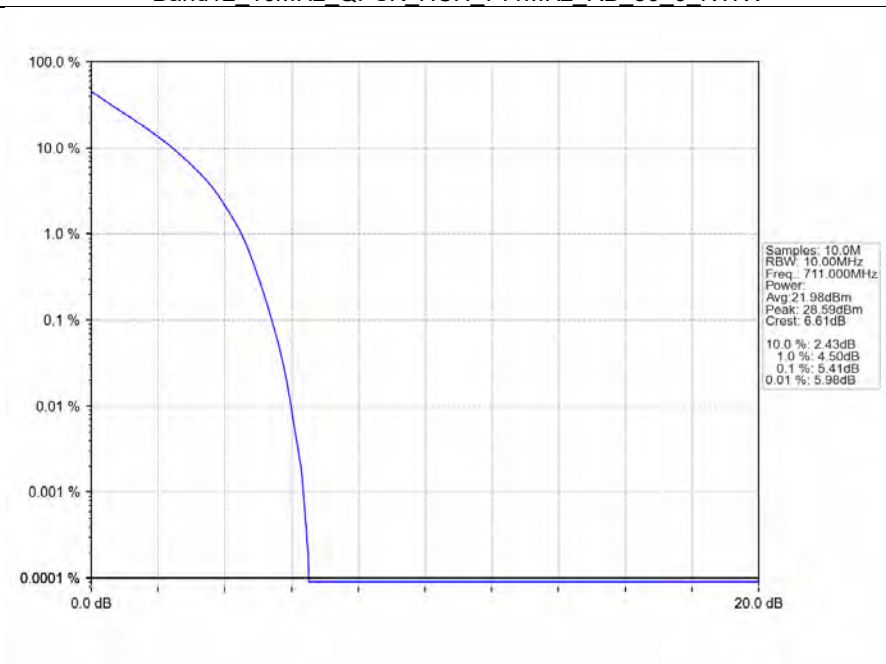
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

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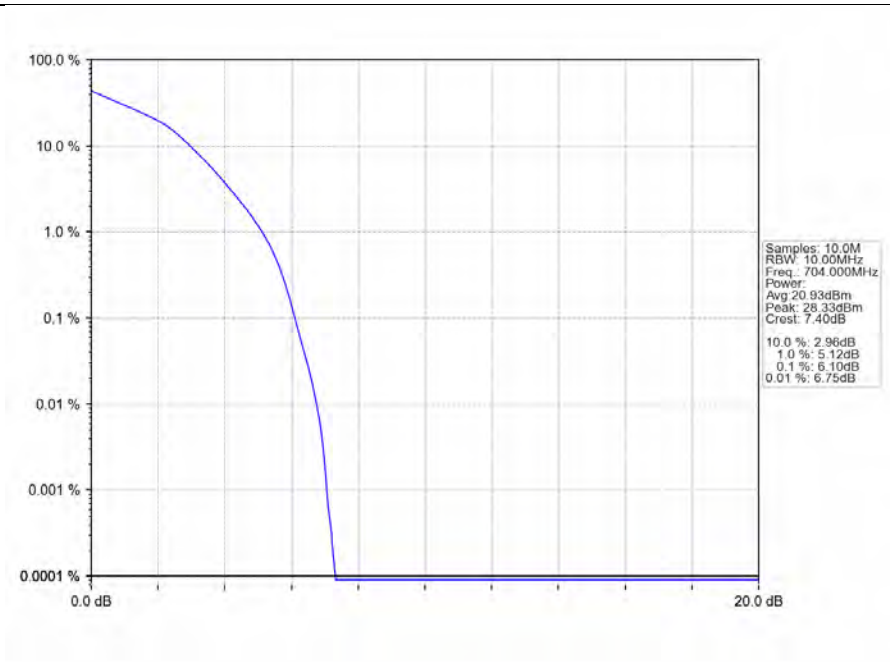

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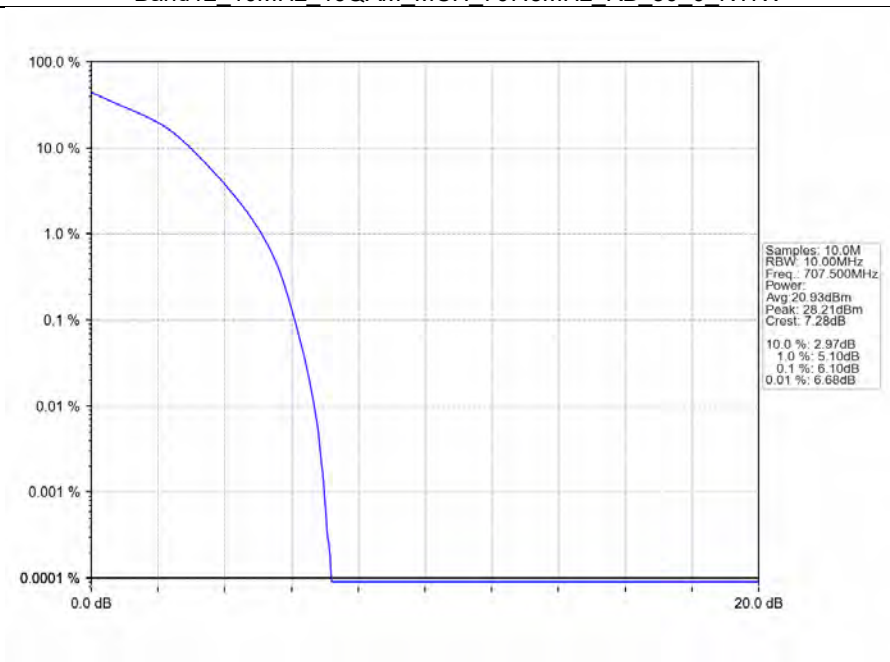
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

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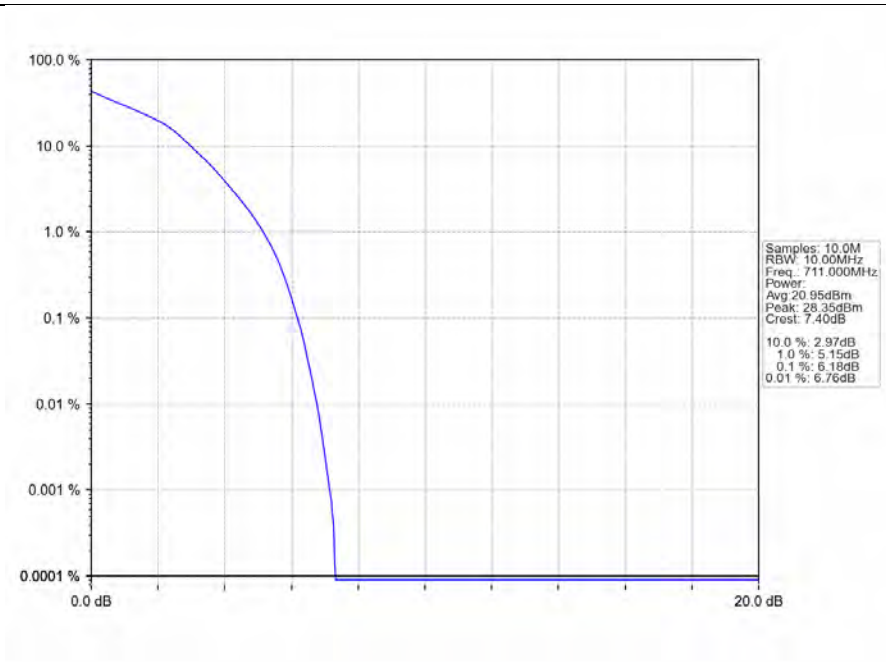

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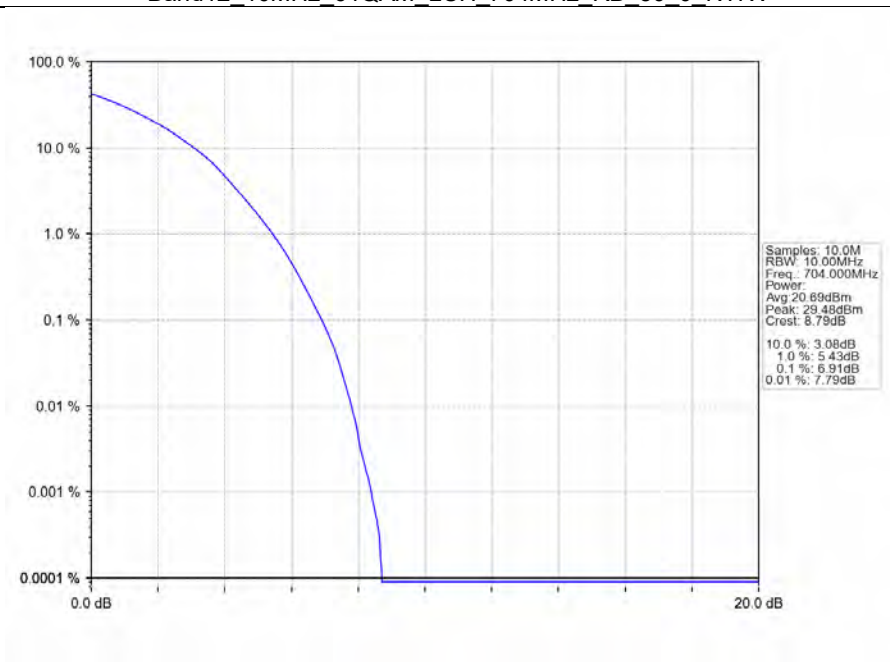
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



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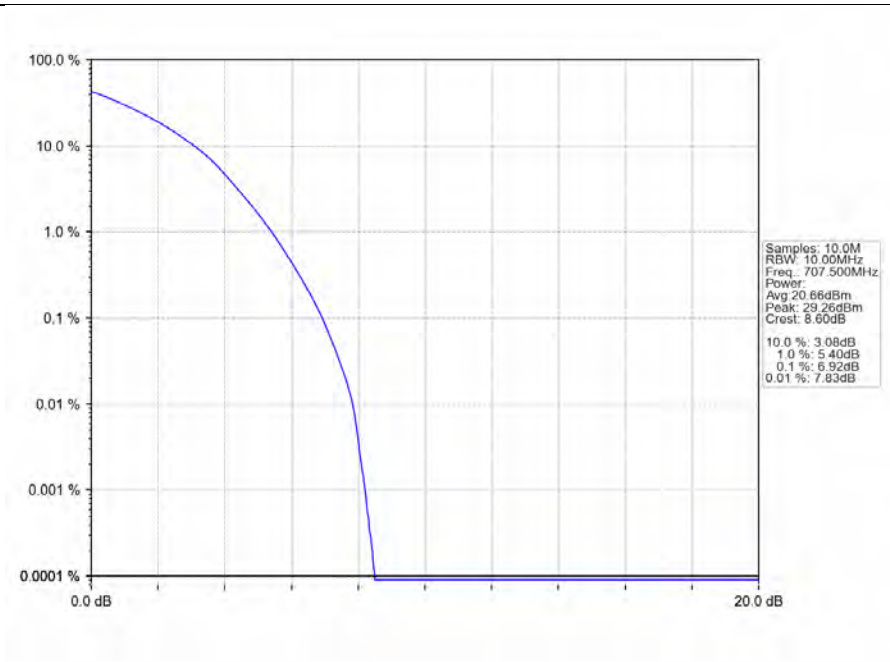

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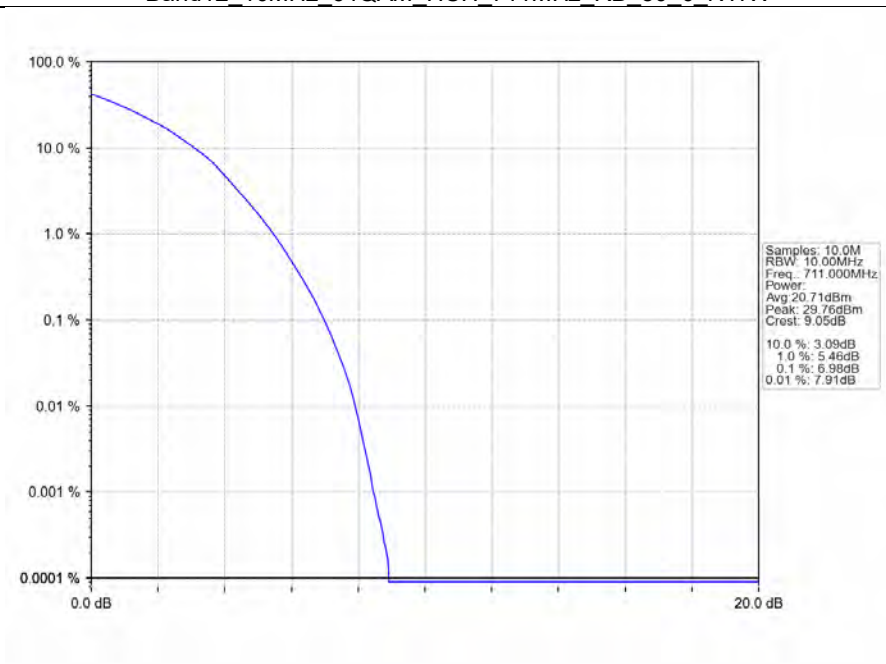

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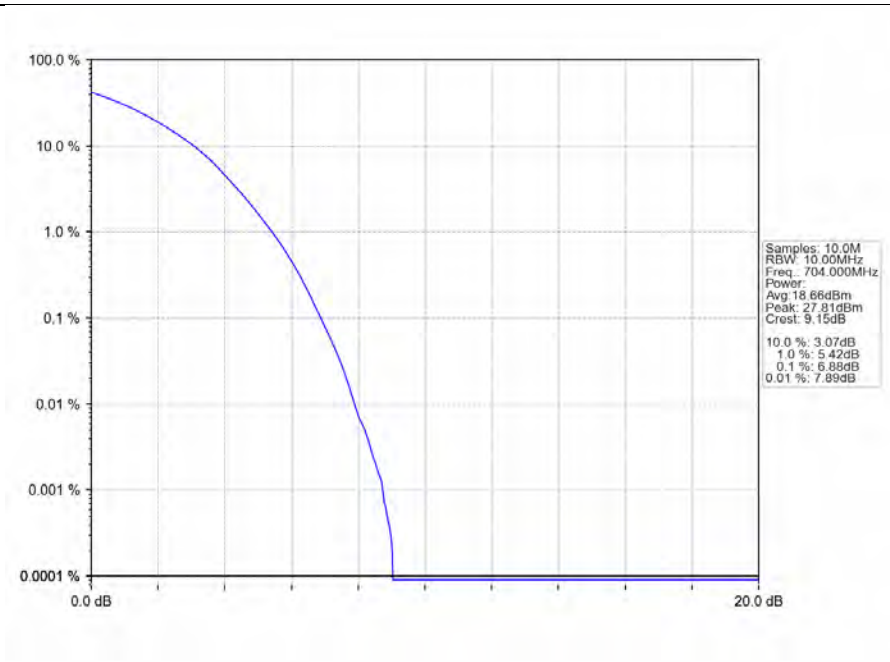

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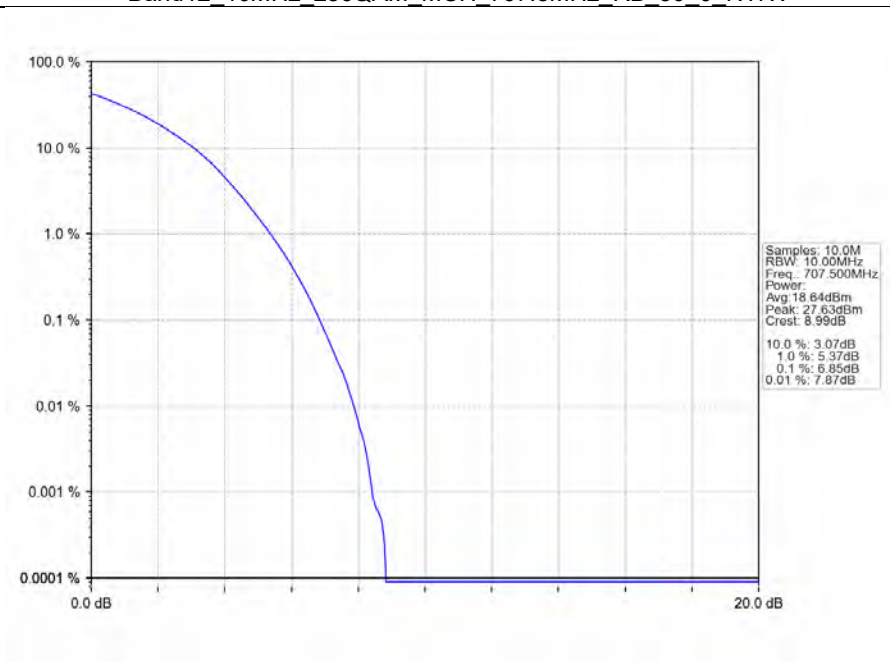

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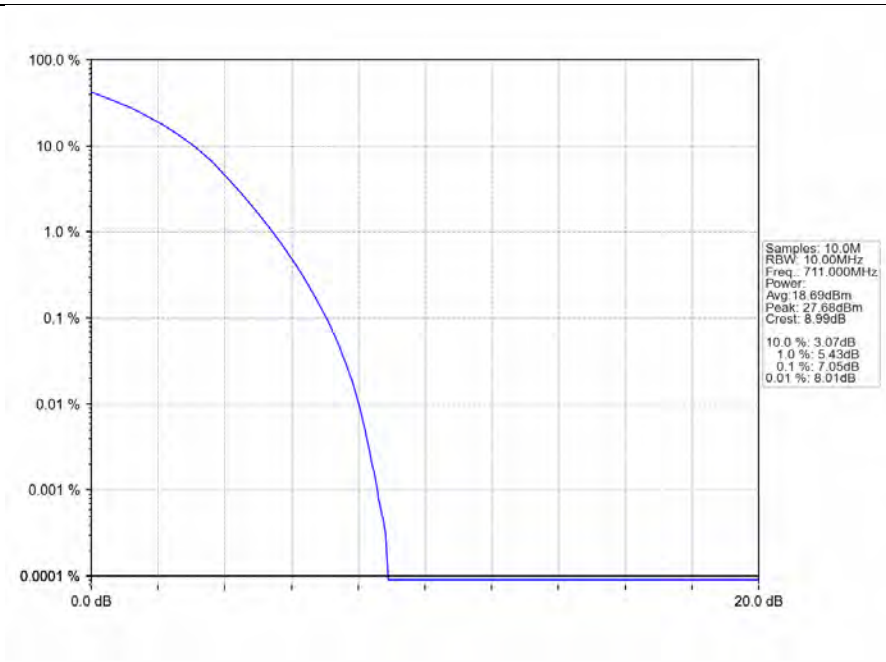

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5. Spurious Emission & Band Edges

5.1 B12_1.4MHz

5.1.1 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
256QAM	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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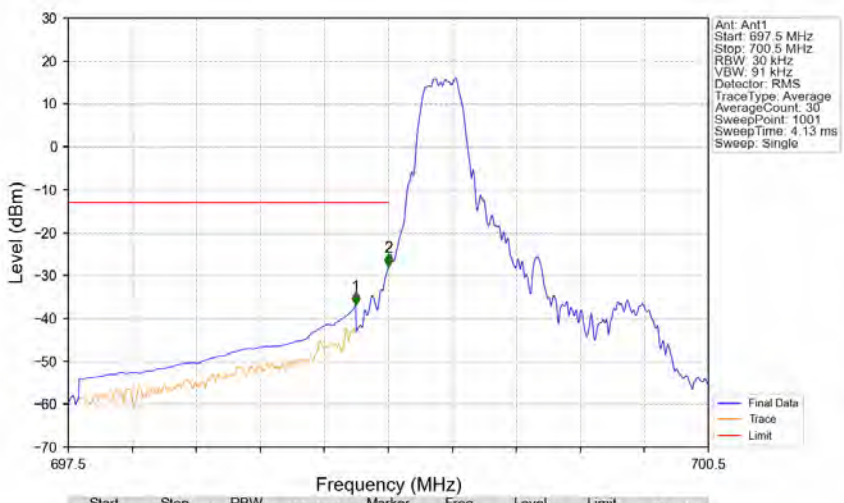
5.1.2 Test Graph

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
697.5	698.9	0.1	CHP	1	698.847	-36.92	-13	Pass
698.9	699	0.03	/	2	699.000	-27.94	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

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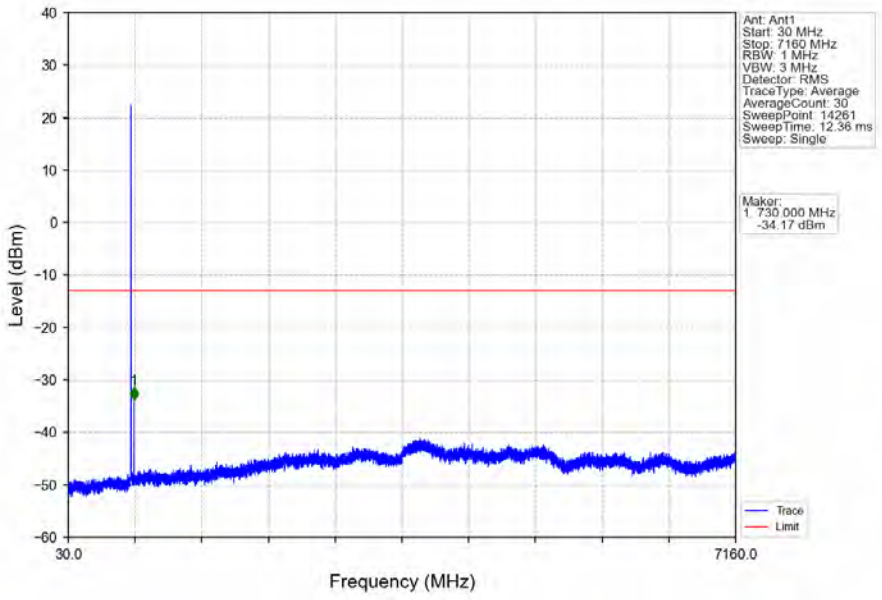

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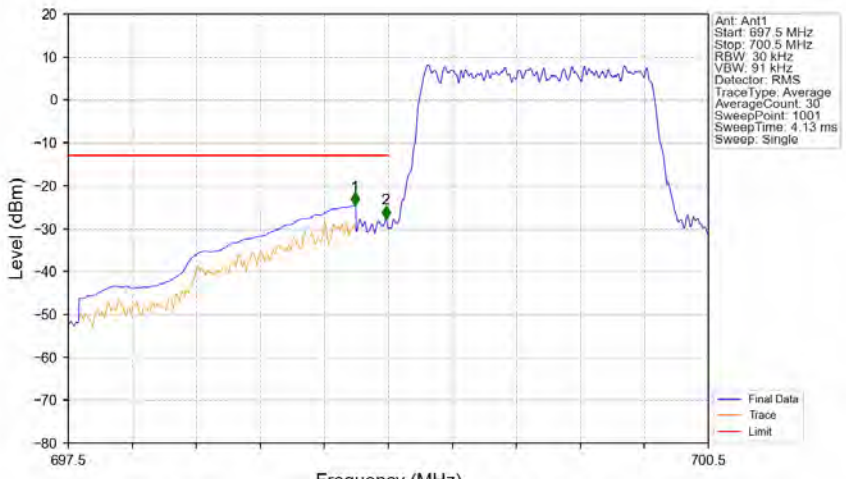
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.844	-24.67	-13	Pass
698.9	699	0.03	/	2	698.988	-27.71	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

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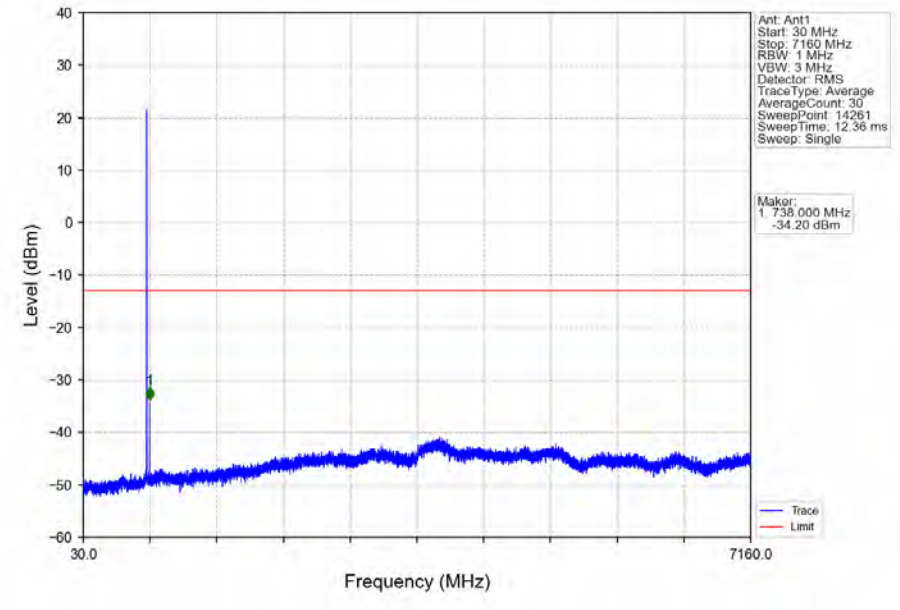

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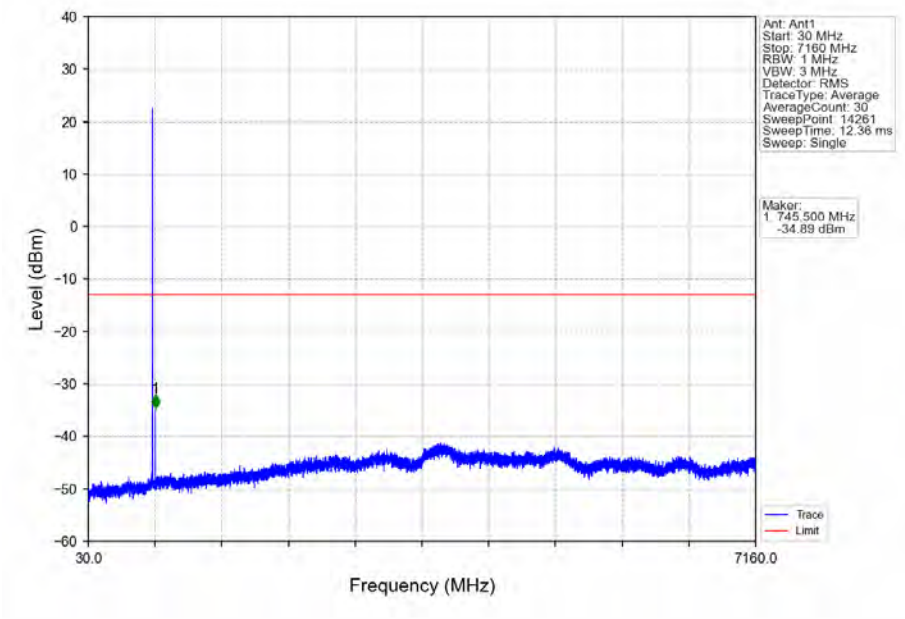
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV

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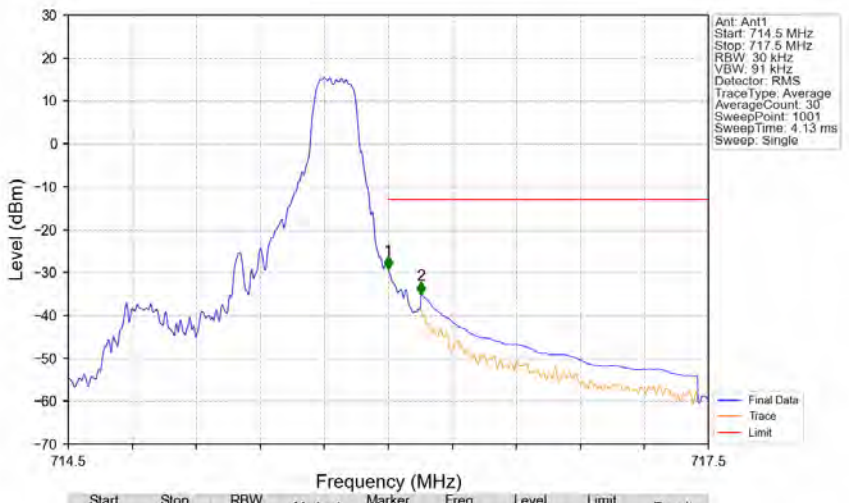

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-29.22	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-35.18	-13	Pass

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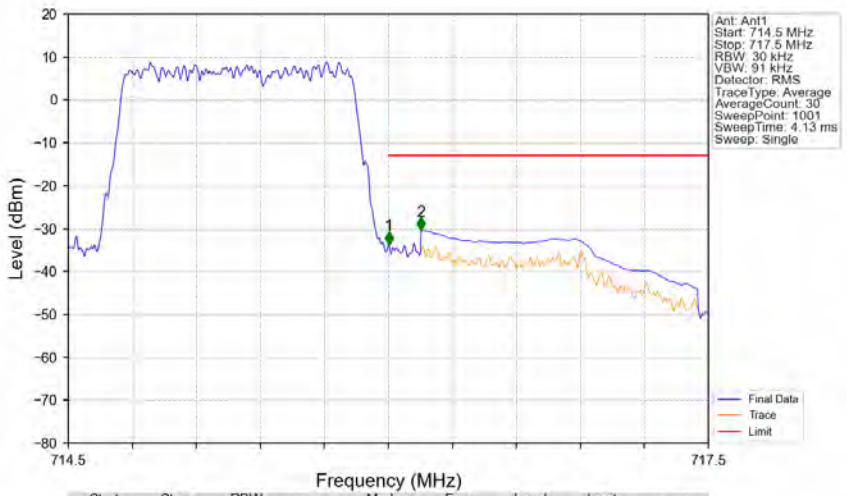

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-33.73	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-30.46	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

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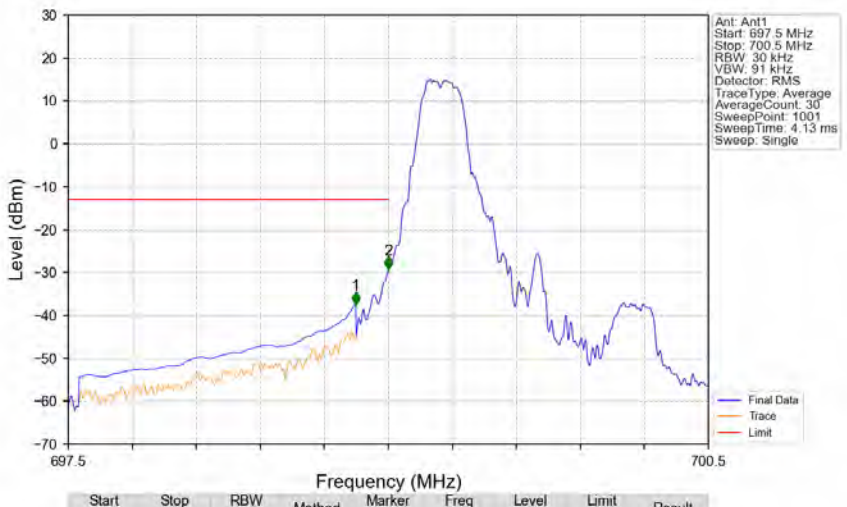

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-37.47	-13	Pass
698.9	699	0.03	/	2	699.000	-29.24	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

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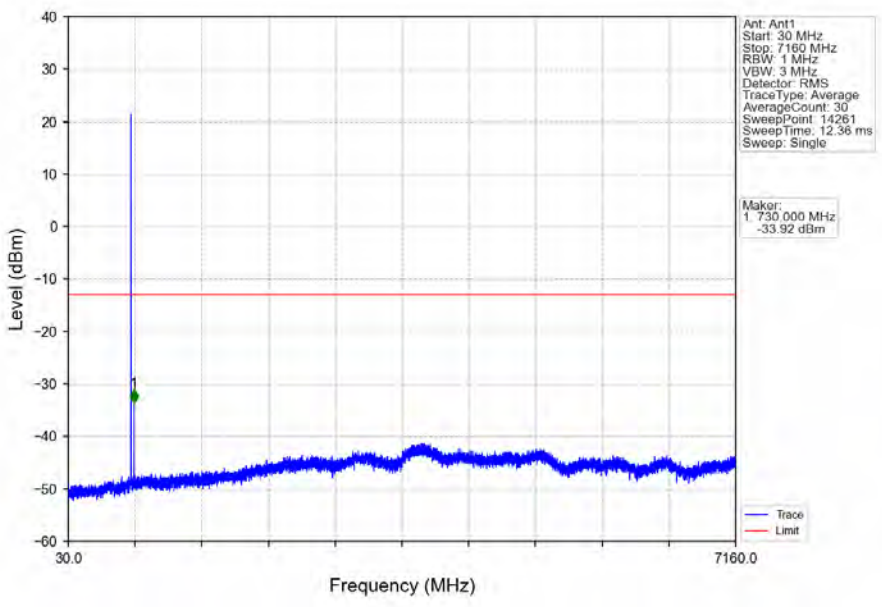

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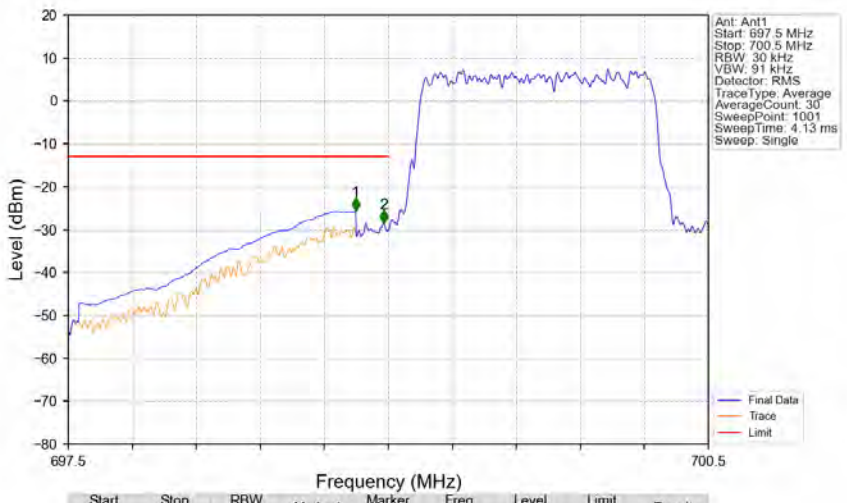

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-25.68	-13	Pass
698.9	699	0.03	/	2	698.979	-28.45	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

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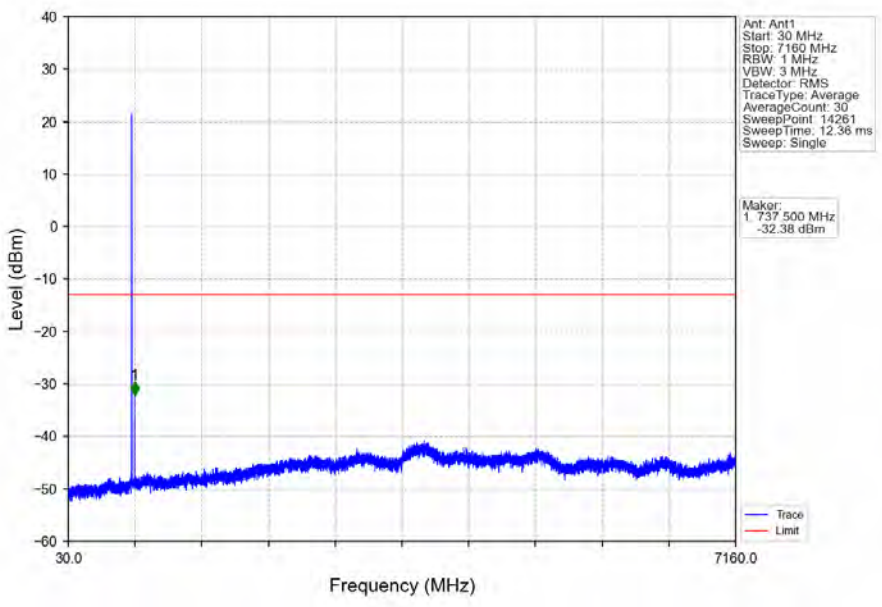

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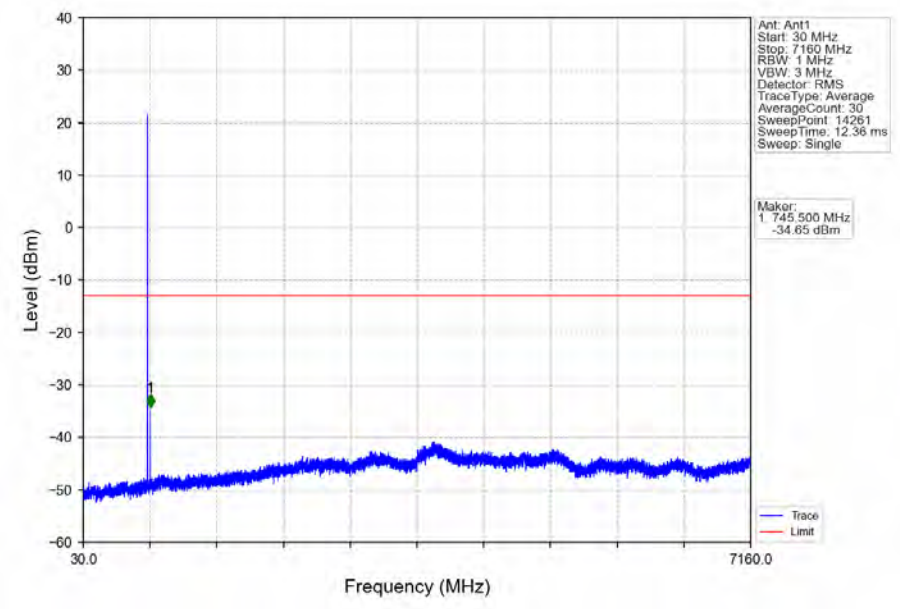

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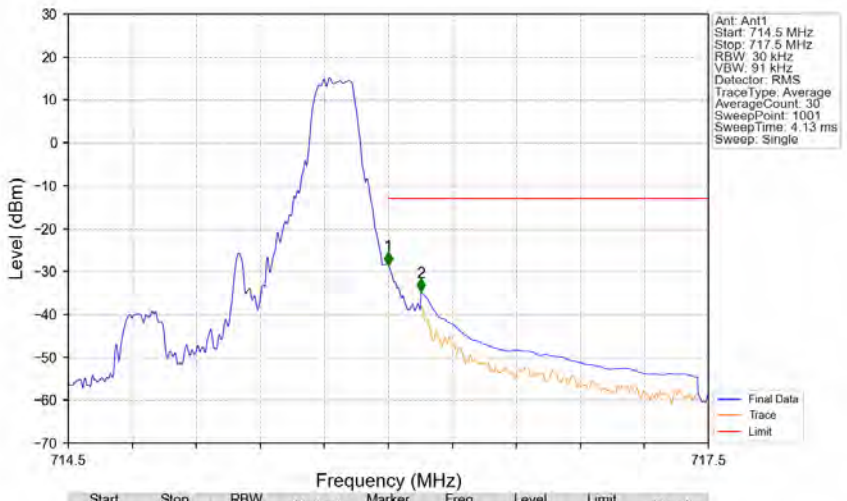

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-28.47	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-34.73	-13	Pass

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

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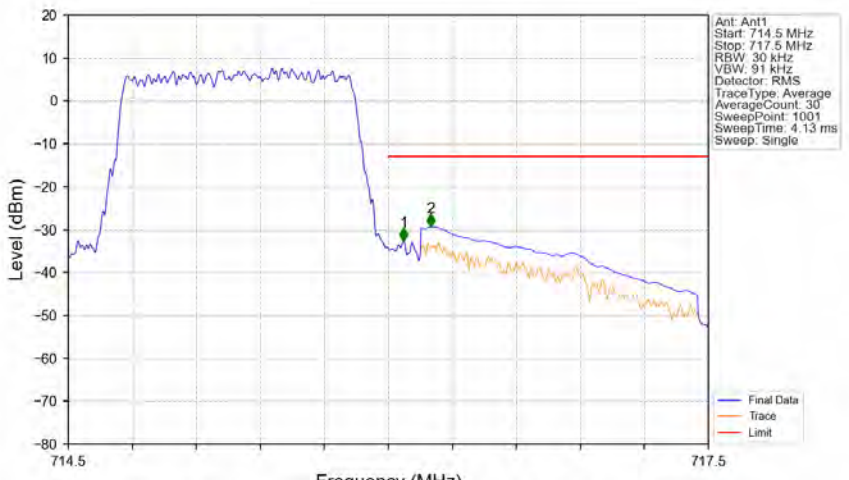

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.072	-32.79	-13	Pass
716.1	717.5	0.1	CHP	2	716.198	-29.35	-13	Pass

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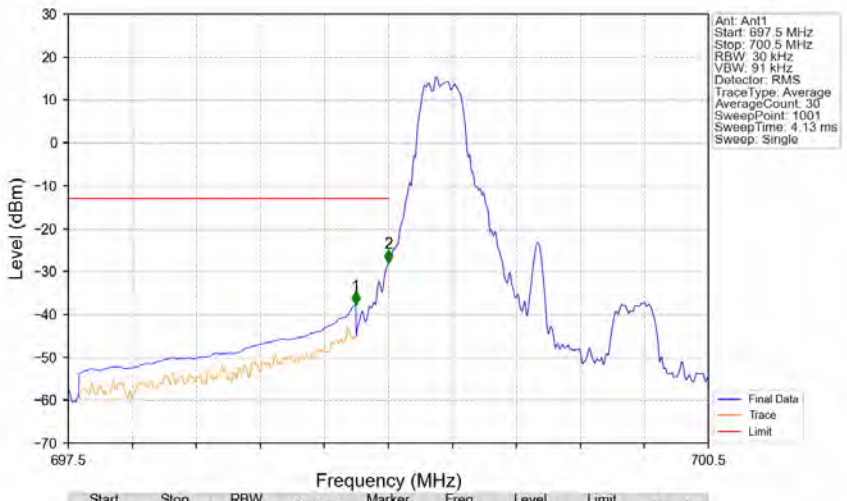
Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-37.71	-13	Pass
698.9	699	0.03	/	2	699.000	-27.96	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV

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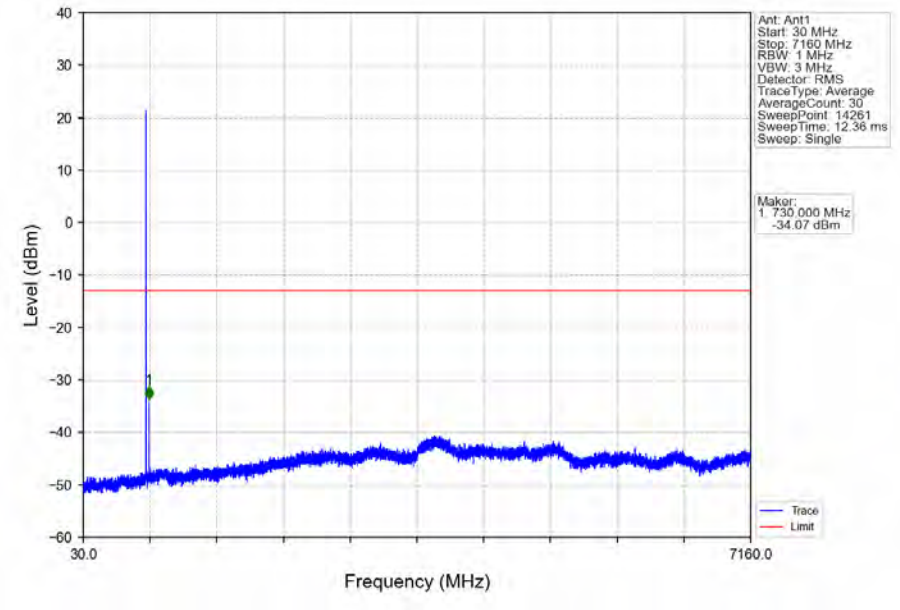

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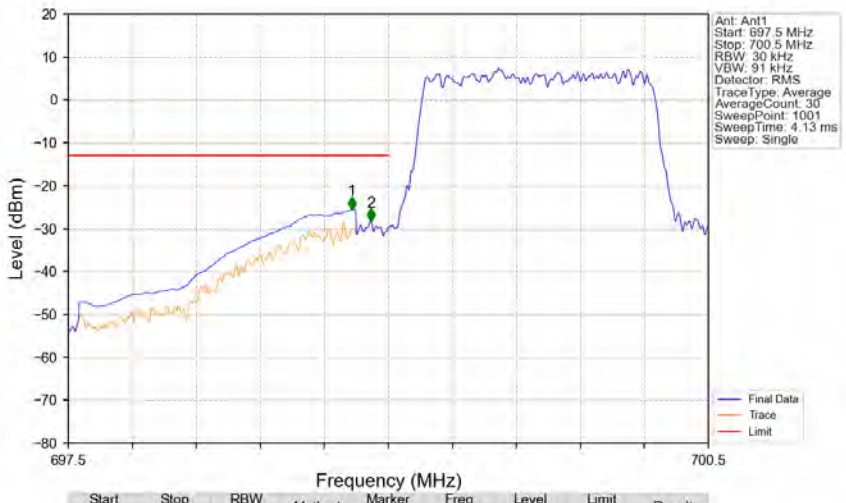

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.829	-25.60	-13	Pass
698.9	699	0.03	/	2	698.919	-28.29	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV

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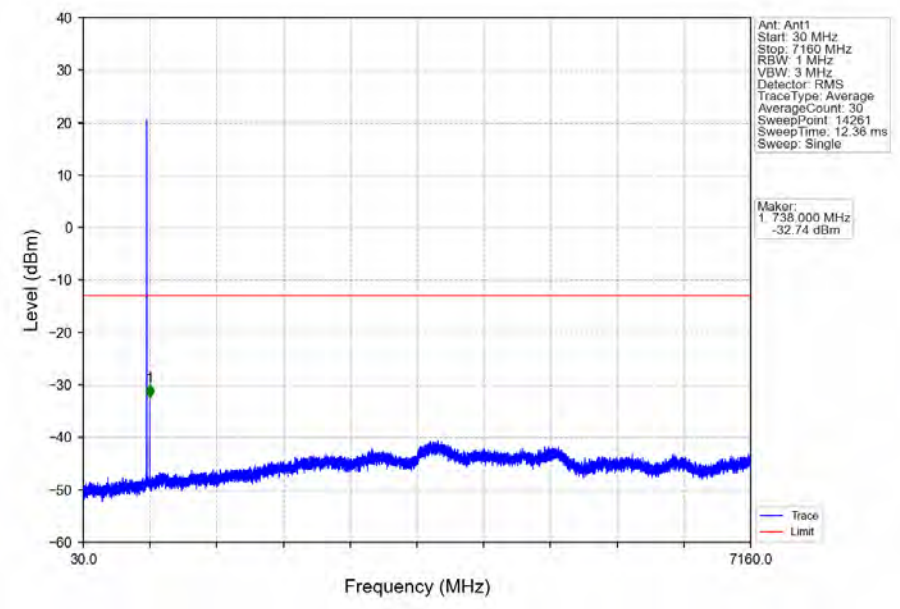

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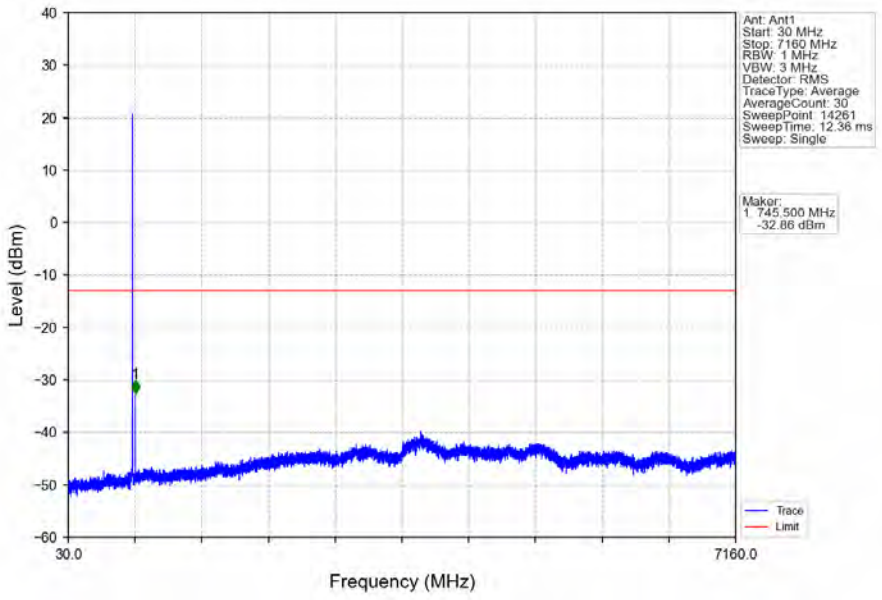

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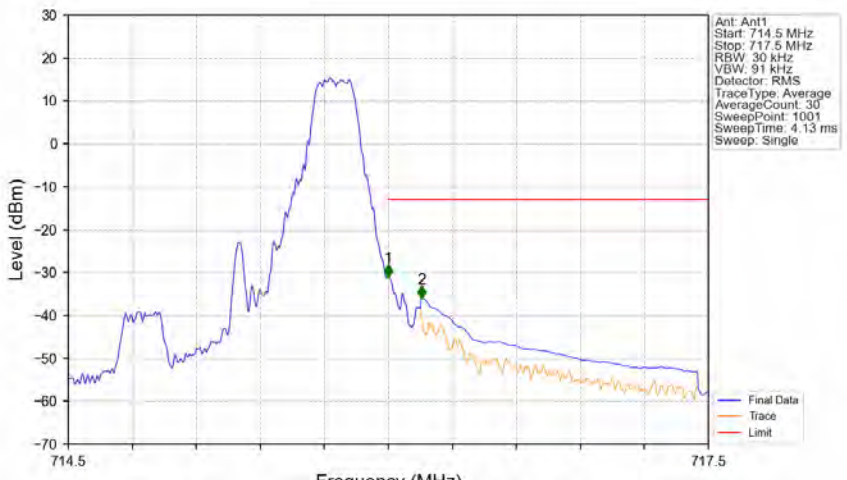

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.11	-13	Pass
716.1	717.5	0.1	CHP	2	716.156	-36.08	-13	Pass

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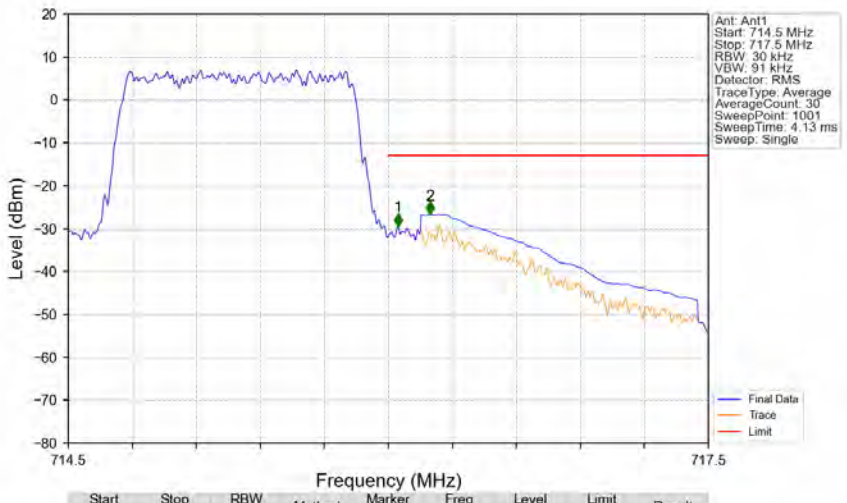

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.045	-29.50	-13	Pass
716.1	717.5	0.1	CHP	2	716.195	-26.69	-13	Pass

Band12_1.4MHz_256QAM_LCH_699.7MHz_RB_1_0_NTNV

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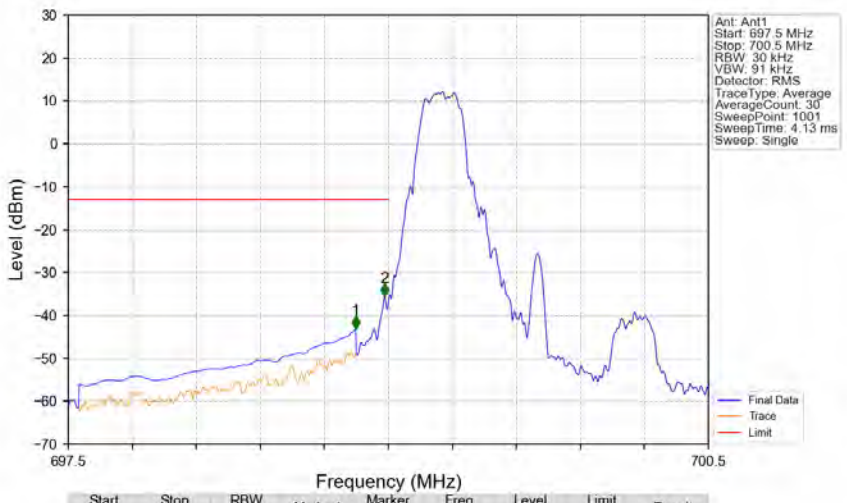

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-43.27	-13	Pass
698.9	699	0.03	/	2	698.982	-35.65	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

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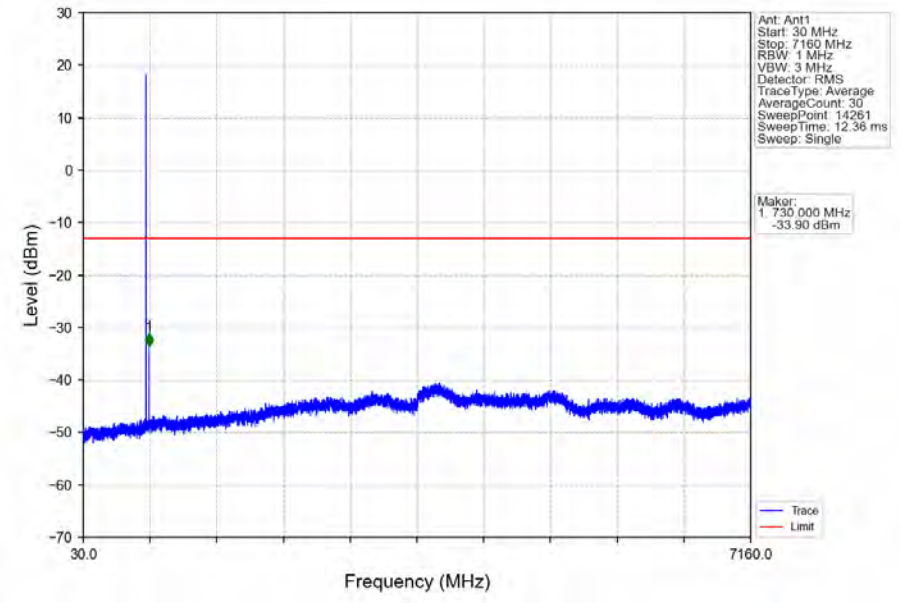

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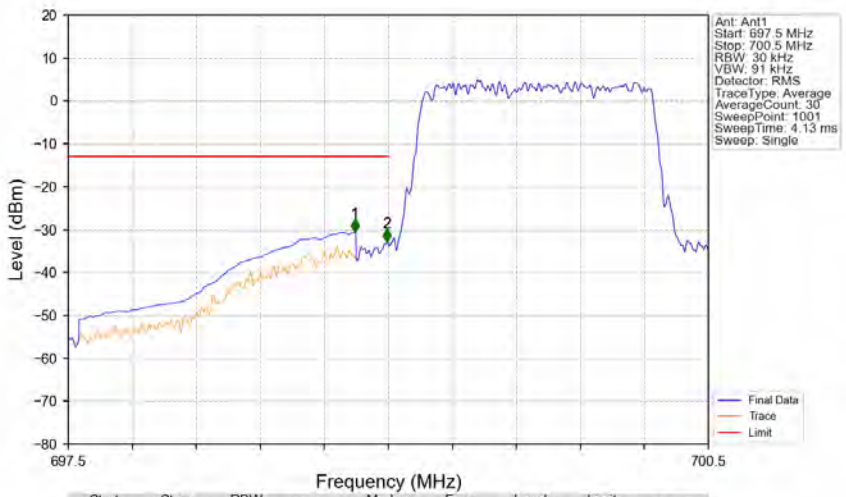

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.844	-30.68	-13	Pass
698.9	699	0.03	/	2	698.994	-32.89	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

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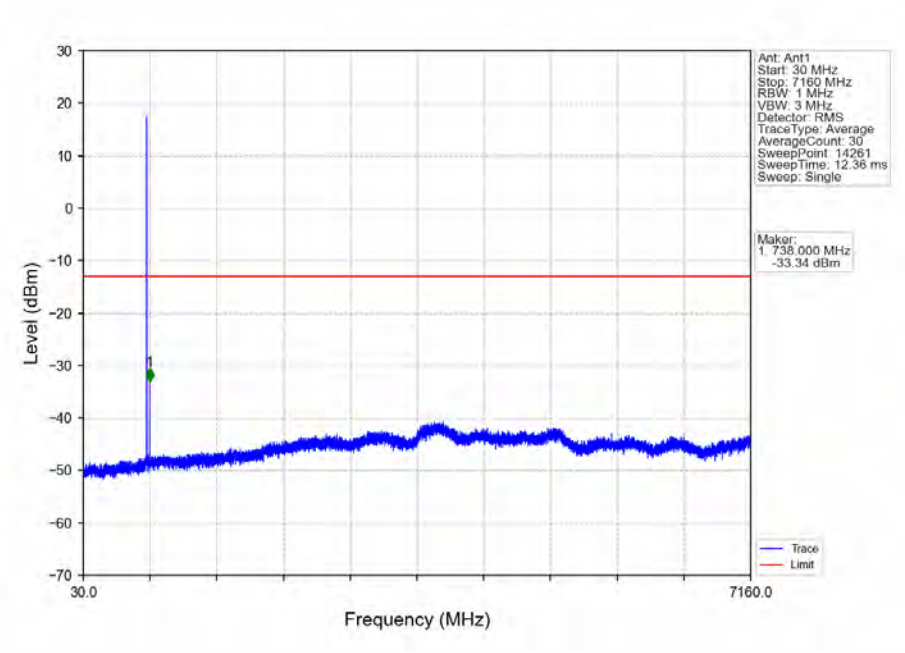

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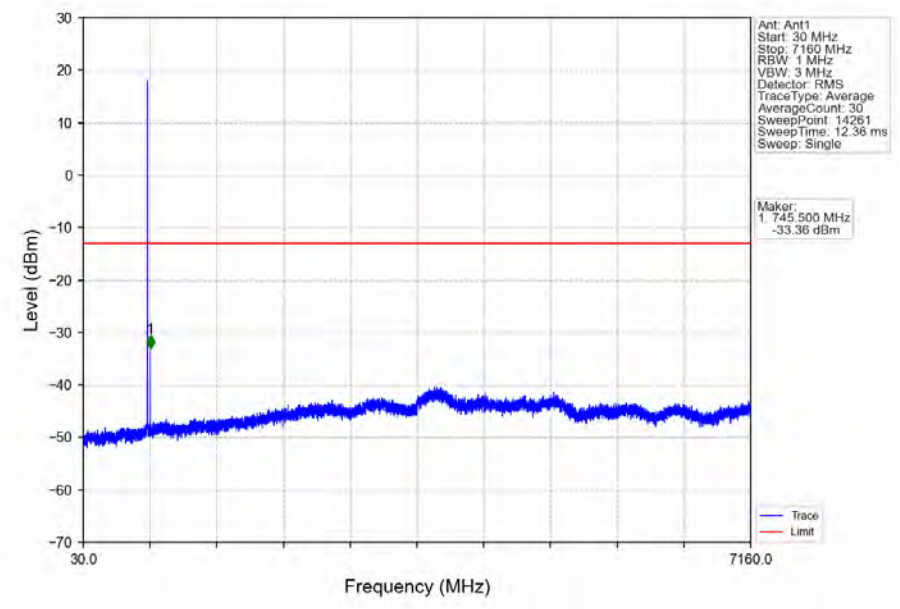

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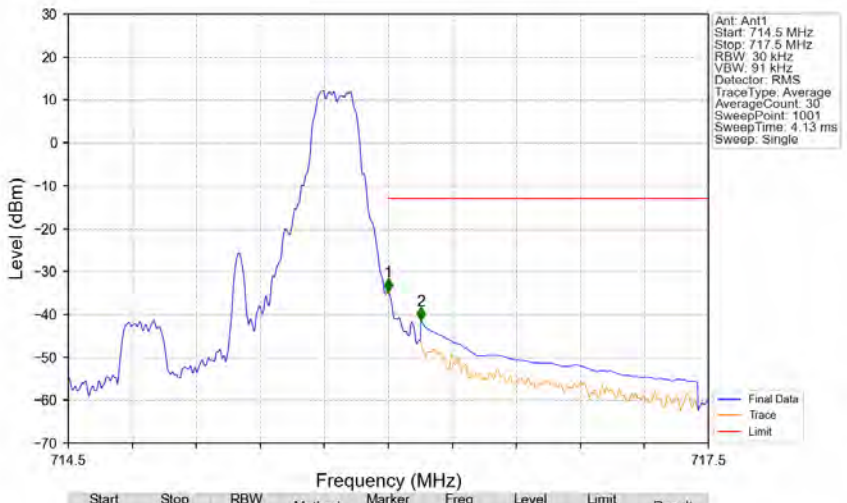
Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-34.65	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-41.37	-13	Pass

Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV

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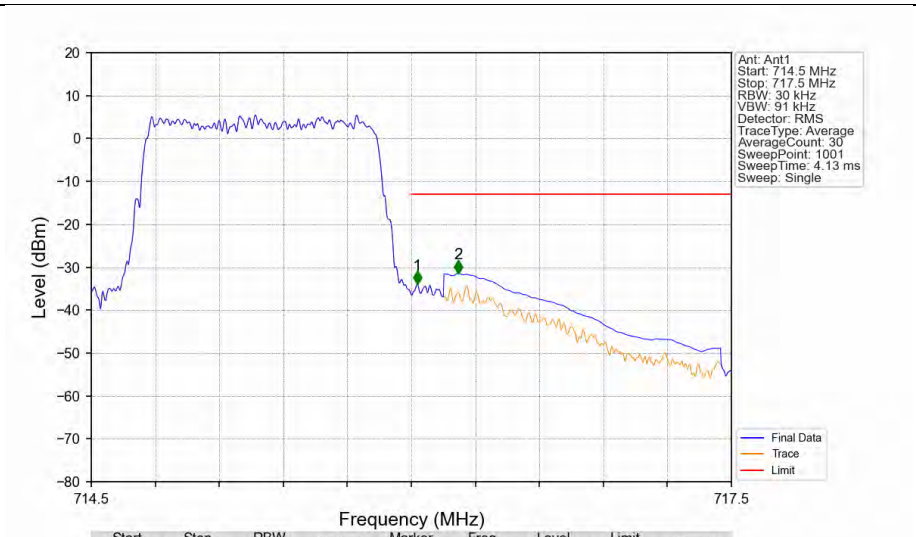

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.027	-33.97	-13	Pass
716.1	717.5	0.1	CHP	2	716.219	-31.44	-13	Pass

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5.2 B12_3MHz

5.2.1 Test Result

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
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
	714.5	1	0	Refer To Test Graph		Pass
			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
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
256QAM	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

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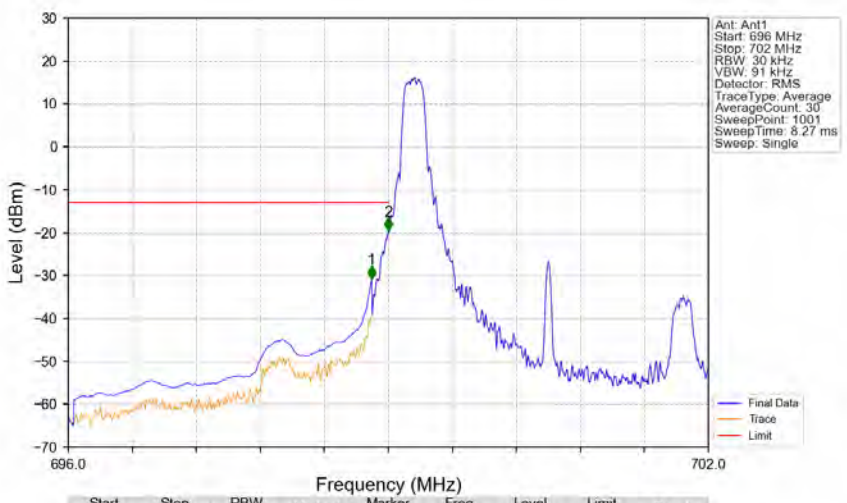
5.2.2 Test Graph

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	-30.77	-13	Pass
698.9	699	0.03	/	2	699.000	-19.51	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

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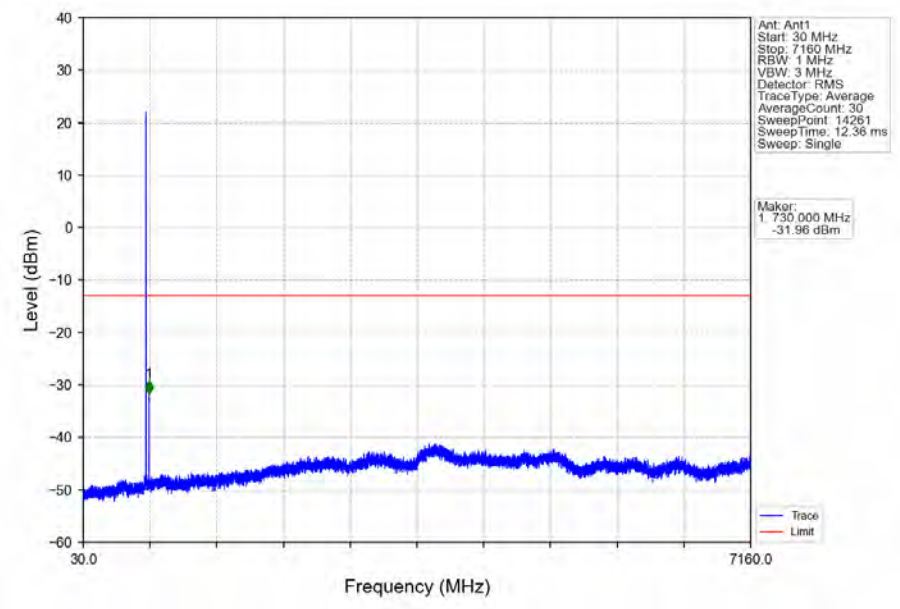

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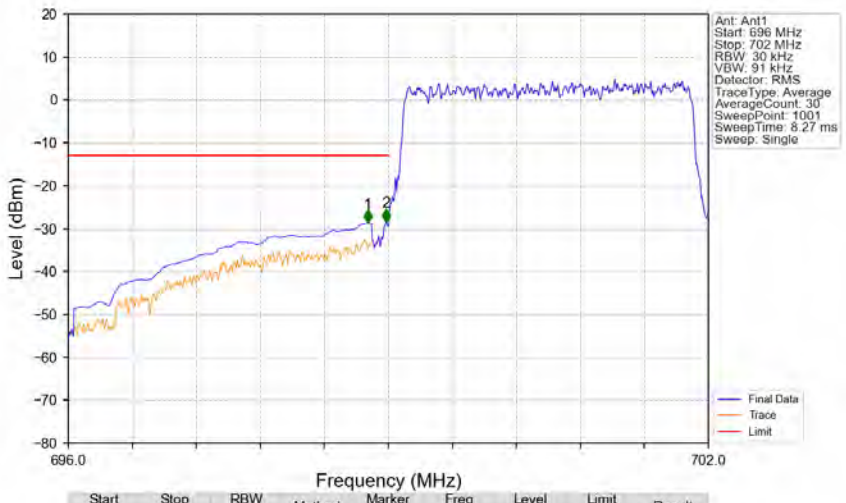
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.808	-28.64	-13	Pass
698.9	699	0.03	/	2	698.982	-28.41	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

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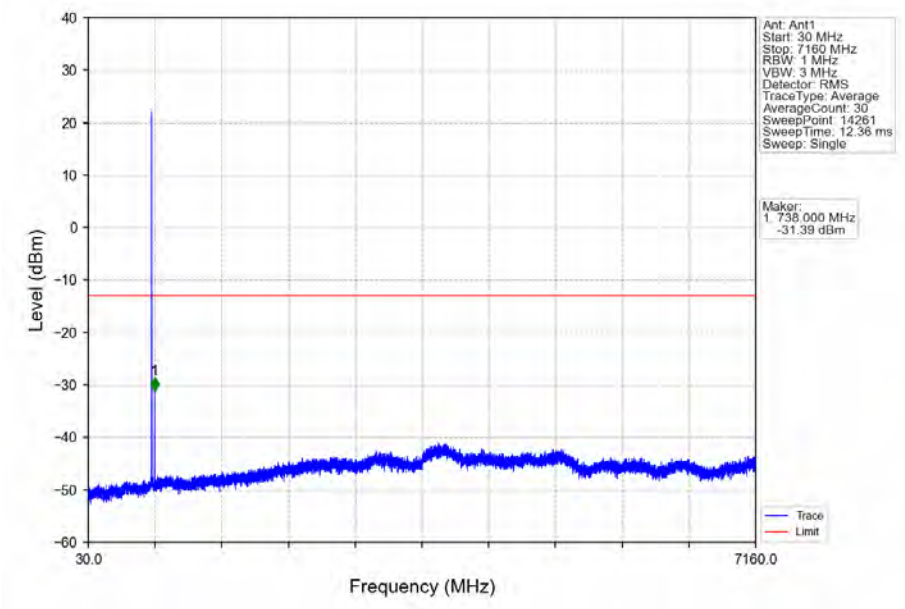

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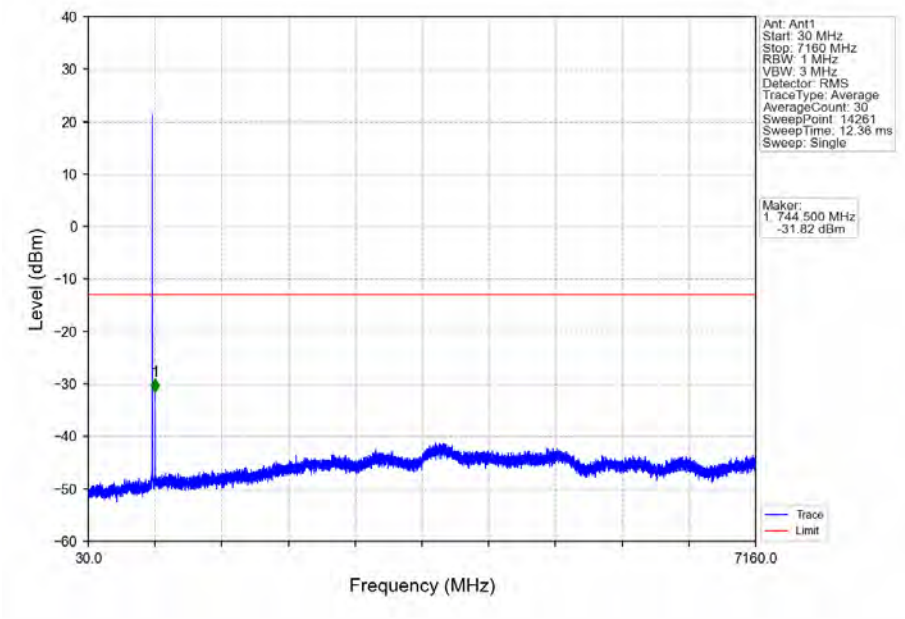
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



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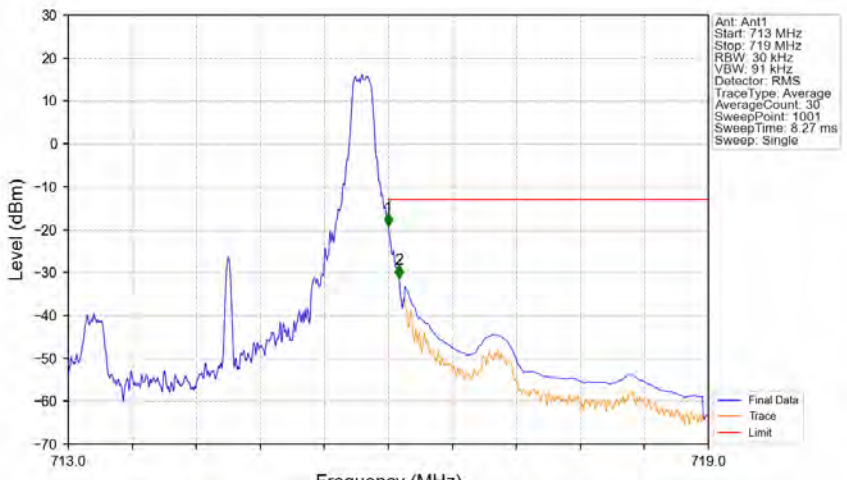

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-19.25	-13	Pass
716.1	719	0.1	CHP	2	716.102	-31.41	-13	Pass

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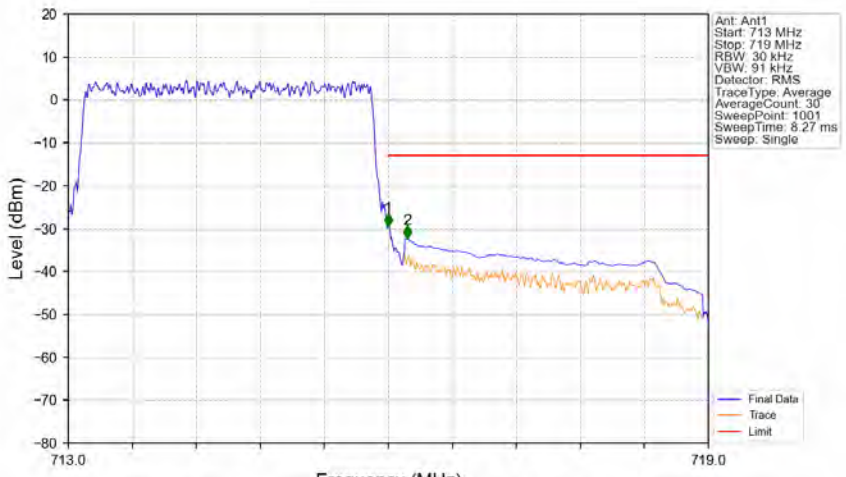

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-29.52	-13	Pass
716.1	719	0.1	CHP	2	716.180	-32.43	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

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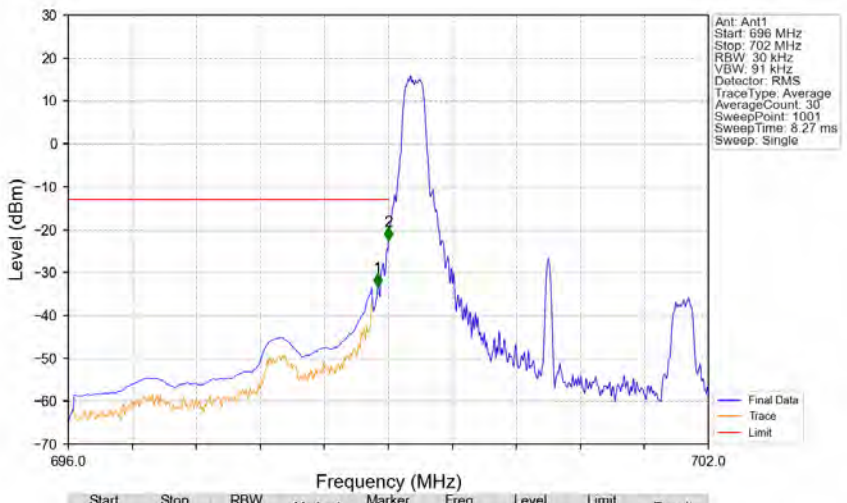

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-33.34	-13	Pass
698.9	699	0.03	/	2	699.000	-22.52	-13	Pass
699	702	0.03	/	/	/	/	/	/

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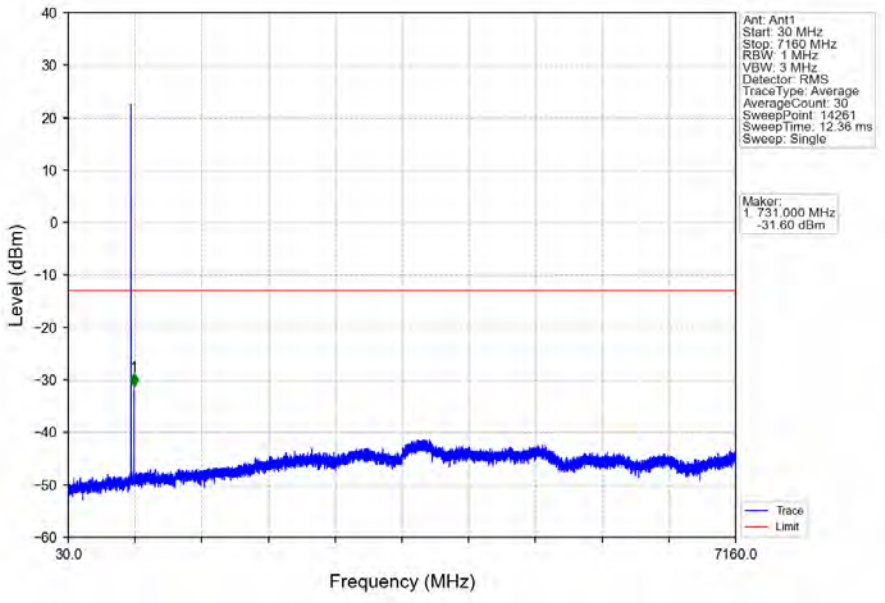

Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

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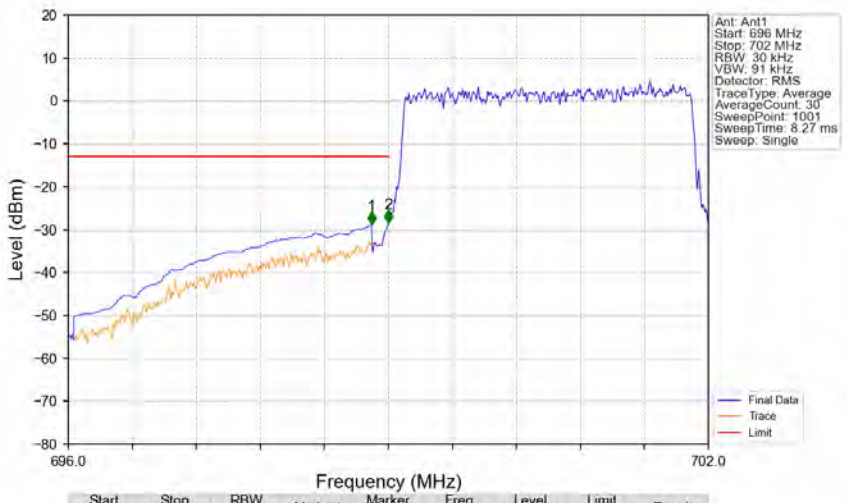

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-28.86	-13	Pass
698.9	699	0.03	/	2	699.000	-28.58	-13	Pass
699	702	0.03	/	/	/	/	/	/

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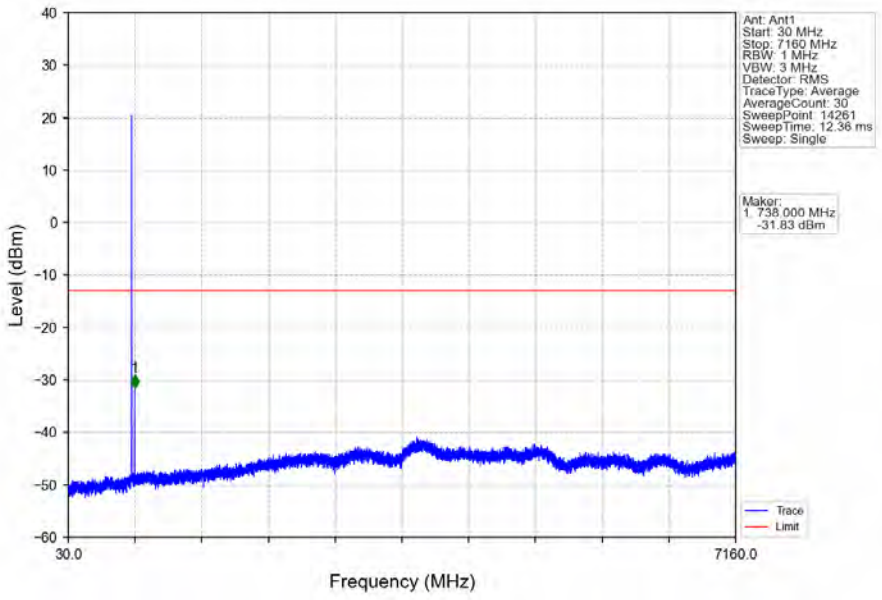

Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

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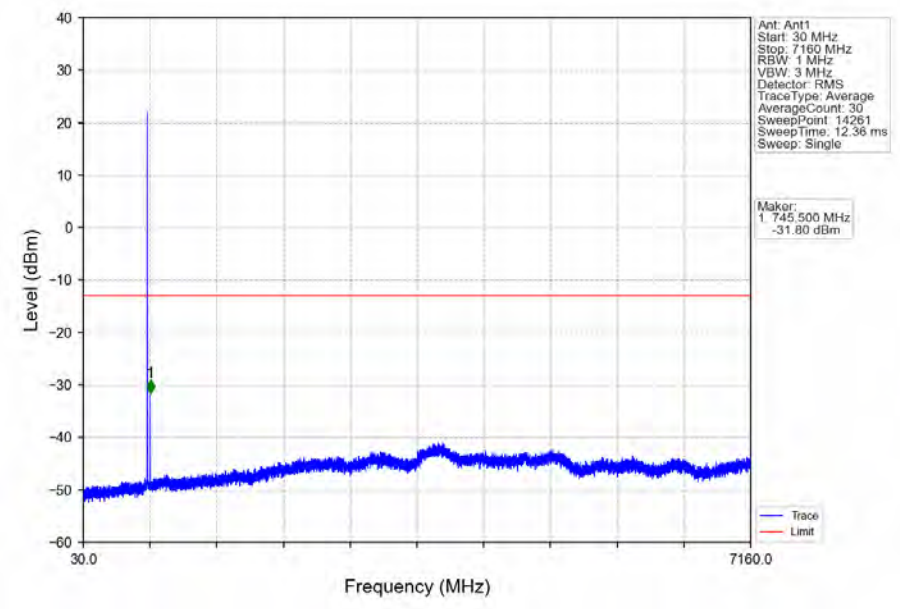

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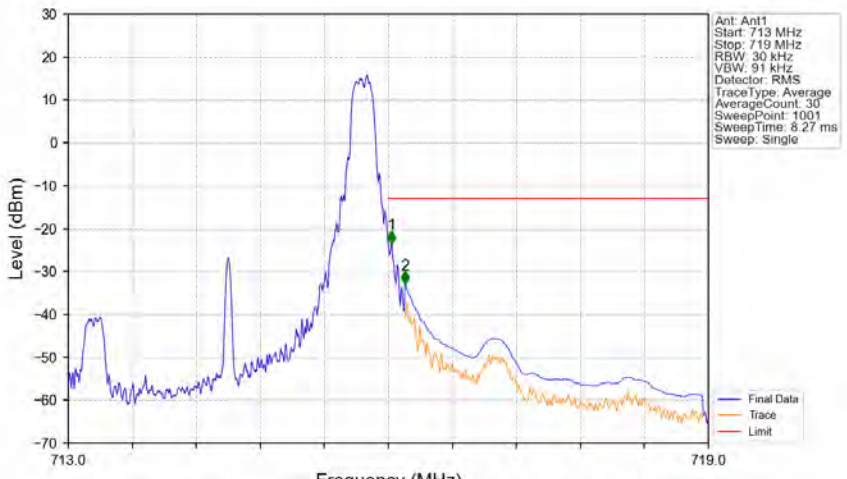
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.030	-23.54	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.04	-13	Pass

Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

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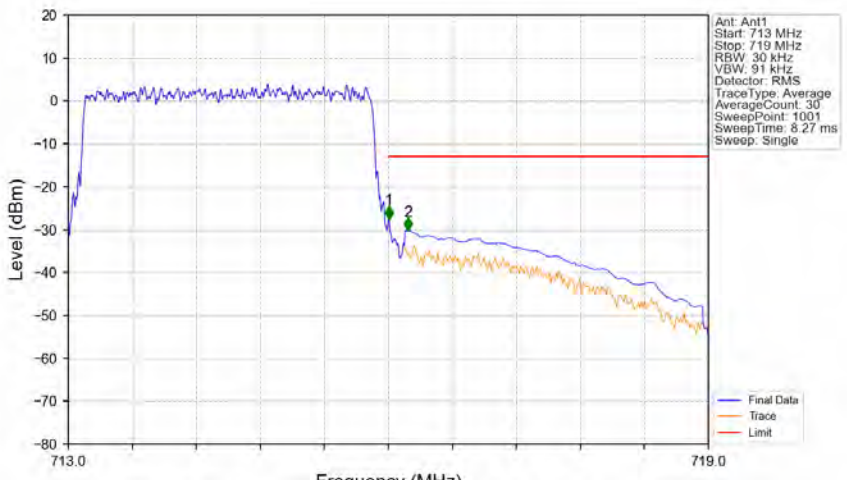

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-27.53	-13	Pass
716.1	719	0.1	CHP	2	716.186	-30.21	-13	Pass

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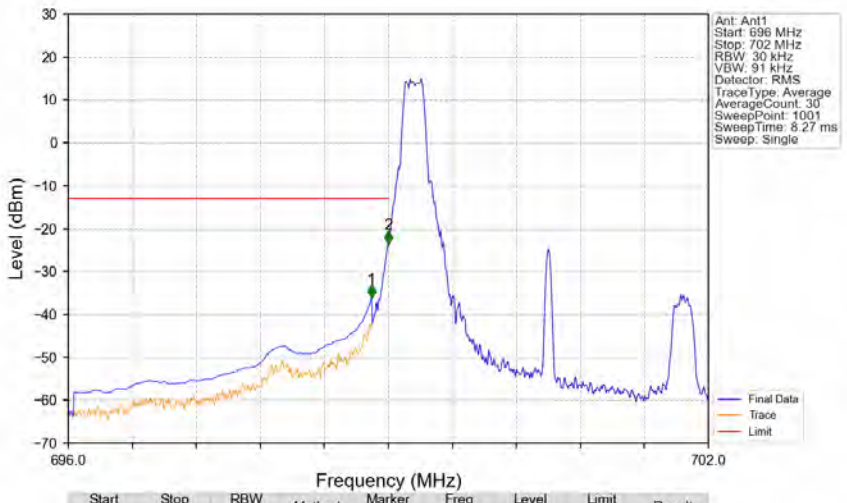
Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



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	-36.17	-13	Pass
698.9	699	0.03	/	2	699.000	-23.55	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

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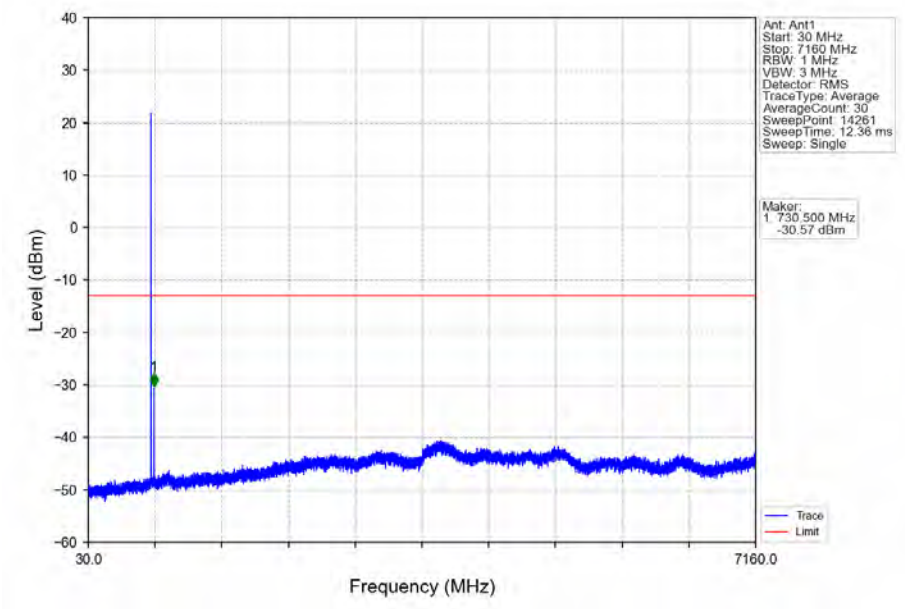

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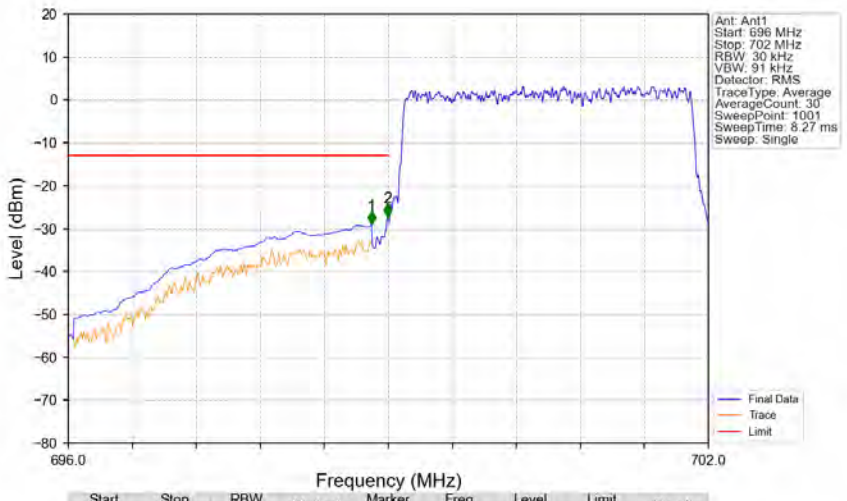

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.01	-13	Pass
698.9	699	0.03	/	2	698.994	-27.22	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV

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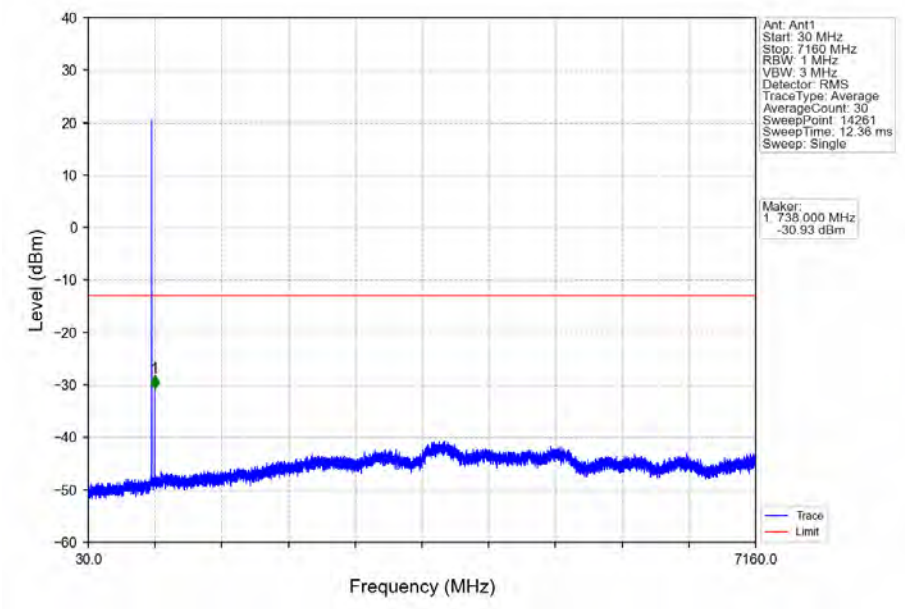

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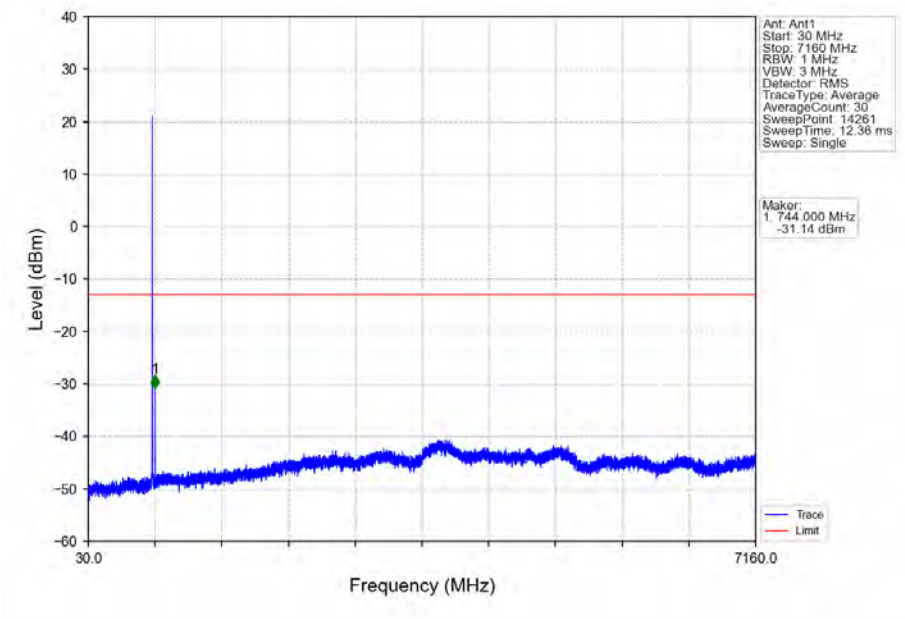

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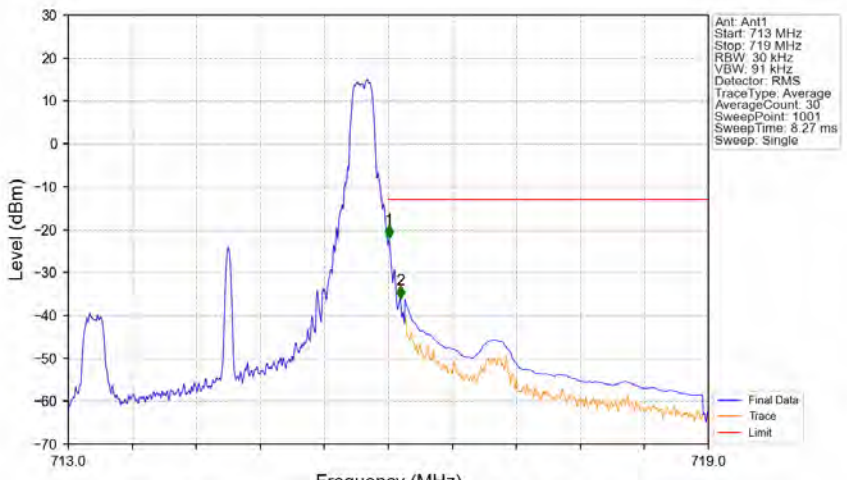

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-22.06	-13	Pass
716.1	719	0.1	CHP	2	716.114	-36.17	-13	Pass

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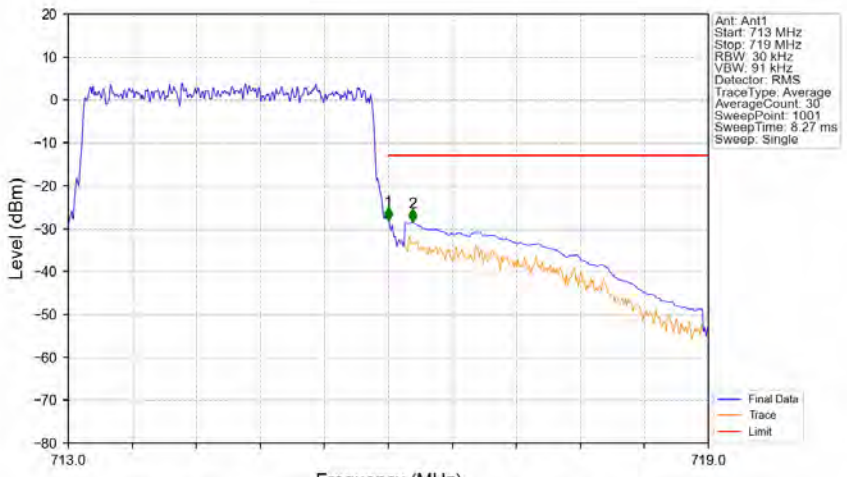

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-28.13	-13	Pass
716.1	719	0.1	CHP	2	716.228	-28.57	-13	Pass

Band12_3MHz_256QAM_LCH_700.5MHz_RB_1_0_NTNV

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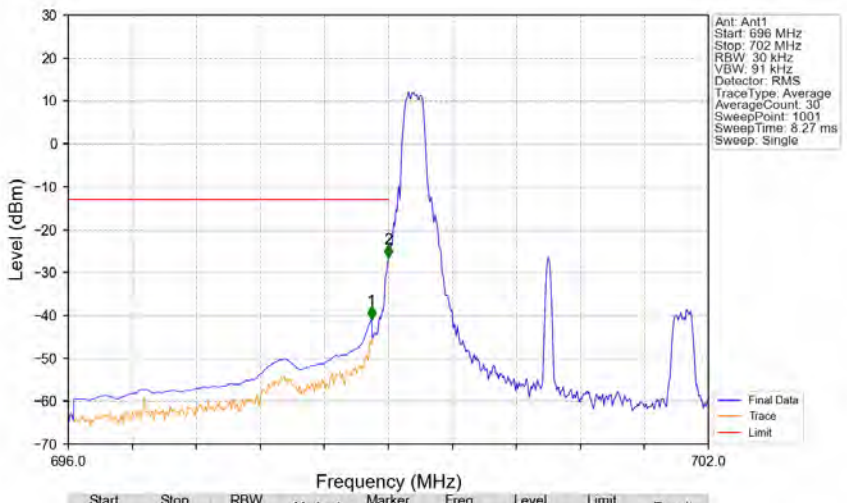

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-40.93	-13	Pass
698.9	699	0.03	/	2	699.000	-26.63	-13	Pass
699	702	0.03	/	/	/	/	/	/

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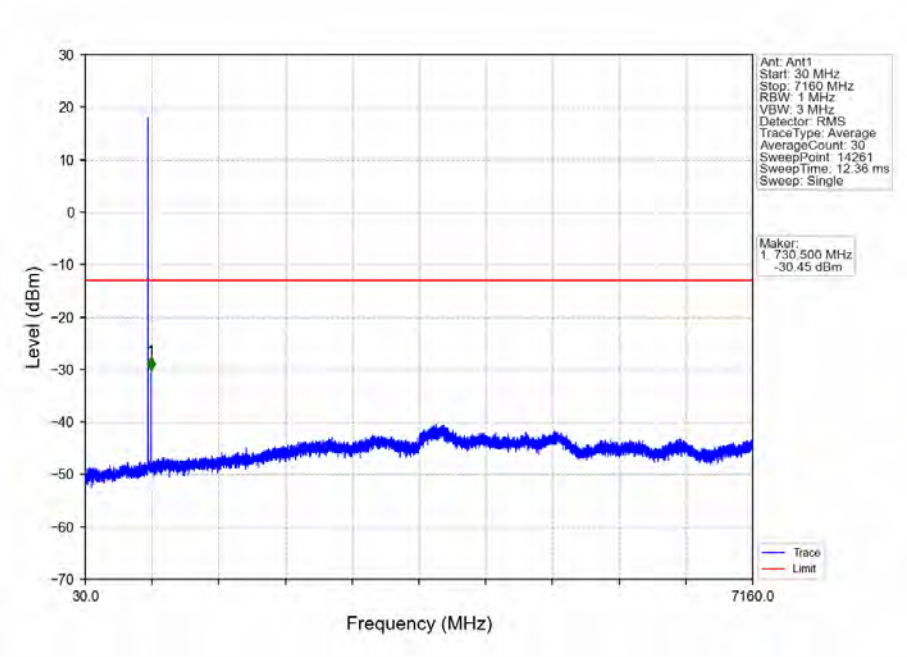
Band12_3MHz_256QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV

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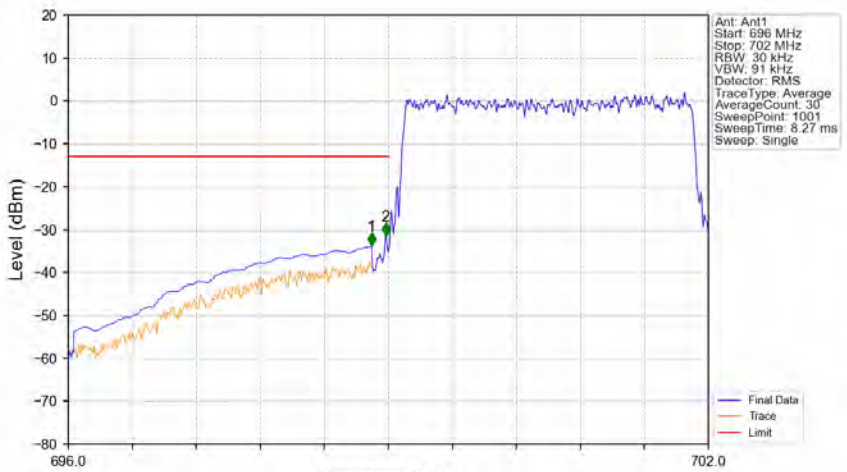

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.71	-13	Pass
698.9	699	0.03	/	2	698.976	-31.41	-13	Pass
699	702	0.03	/	/	/	/	/	/

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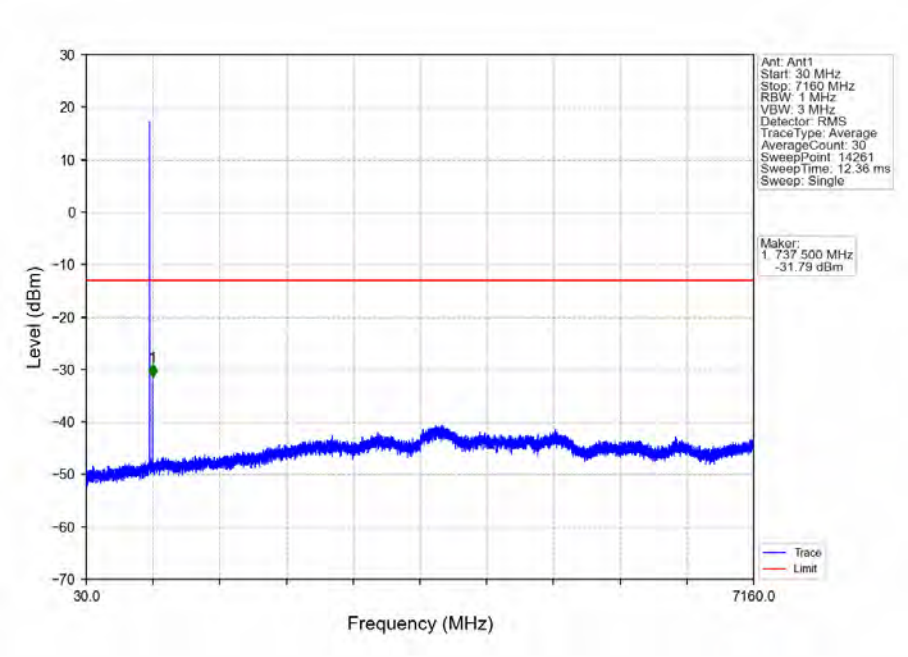
Band12_3MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_256QAM_HCH_714.5MHz_RB_1_0_NTNV

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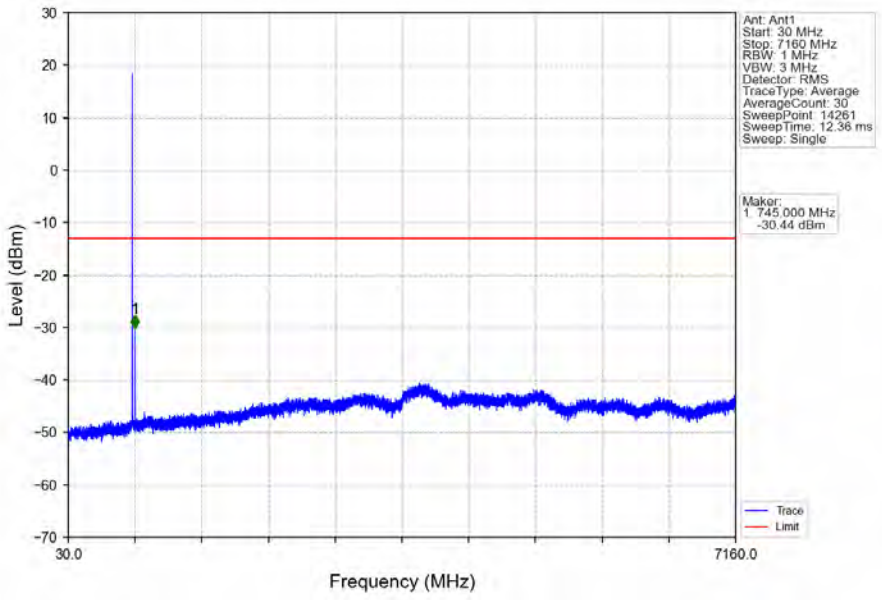

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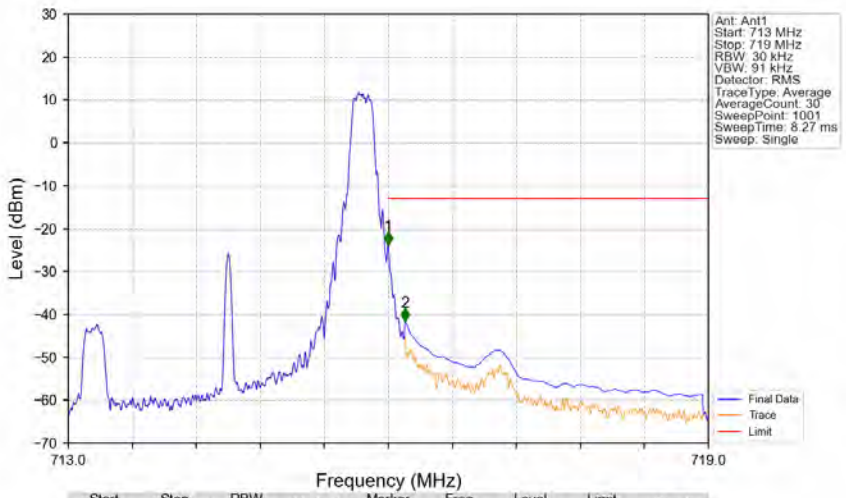
Band12_3MHz_256QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.000	-23.81	-13	Pass
716.1	719	0.1	CHP	2	716.156	-41.64	-13	Pass

Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV

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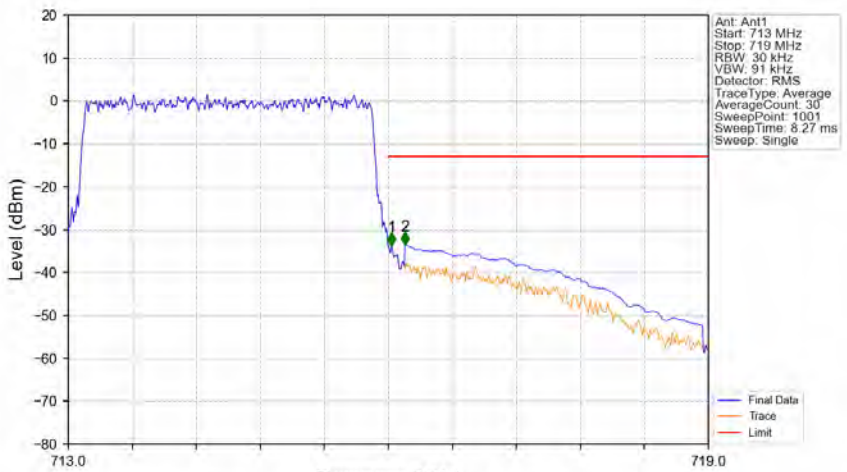

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-33.83	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.59	-13	Pass

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5.3 B12_5MHz

5.3.1 Test Result

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
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
	713.5	1	0	Refer To Test Graph		Pass
			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
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	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

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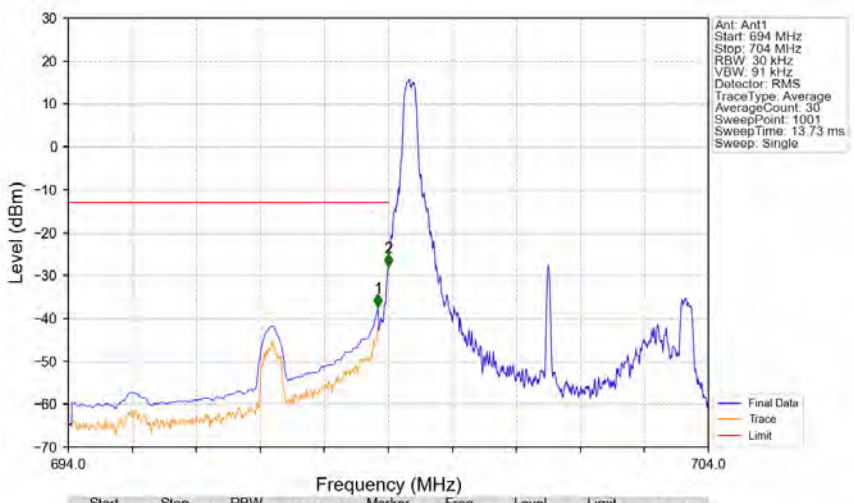
5.3.2 Test Graph

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	-37.39	-13	Pass
698.9	699	0.03	/	2	699.000	-28.00	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

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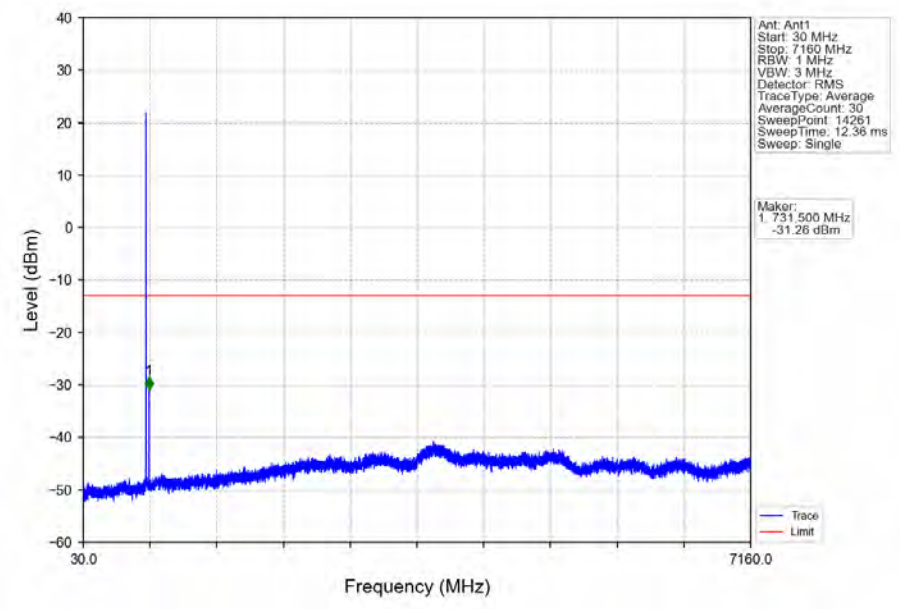

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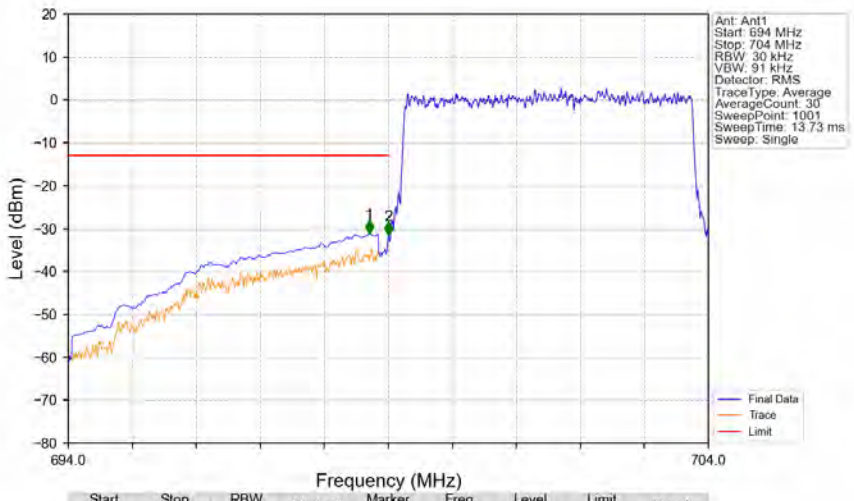
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.700	-31.10	-13	Pass
698.9	699	0.03	/	2	699.000	-31.52	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

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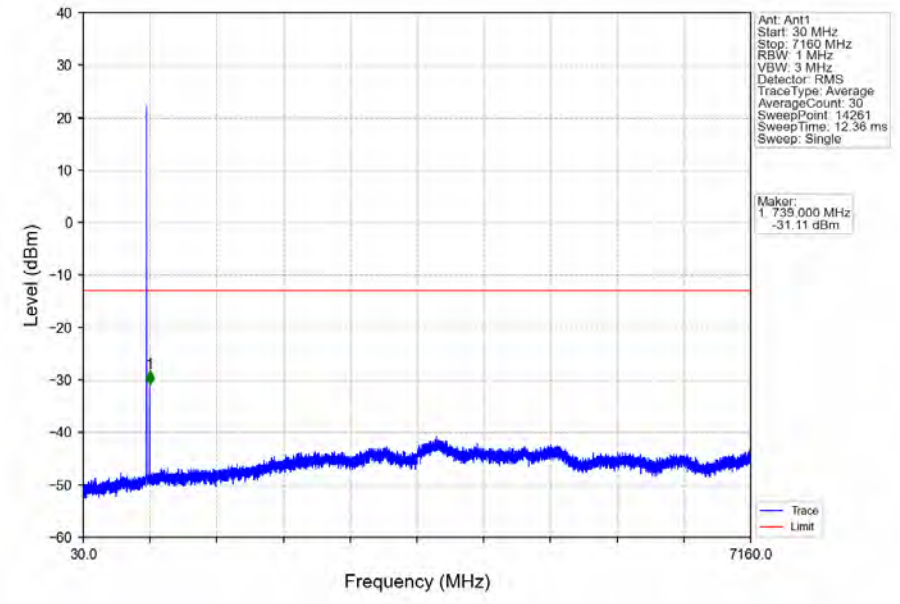

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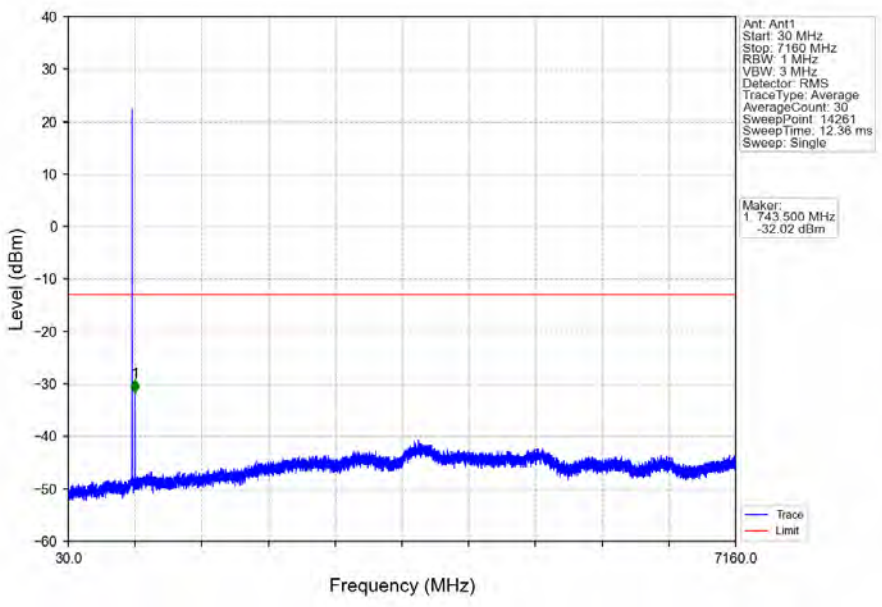
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



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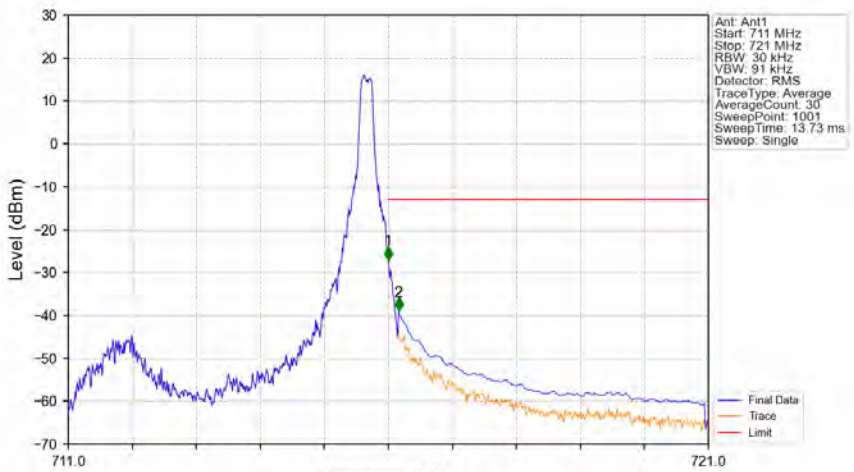

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-27.06	-13	Pass
716.1	721	0.1	CHP	2	716.160	-39.02	-13	Pass

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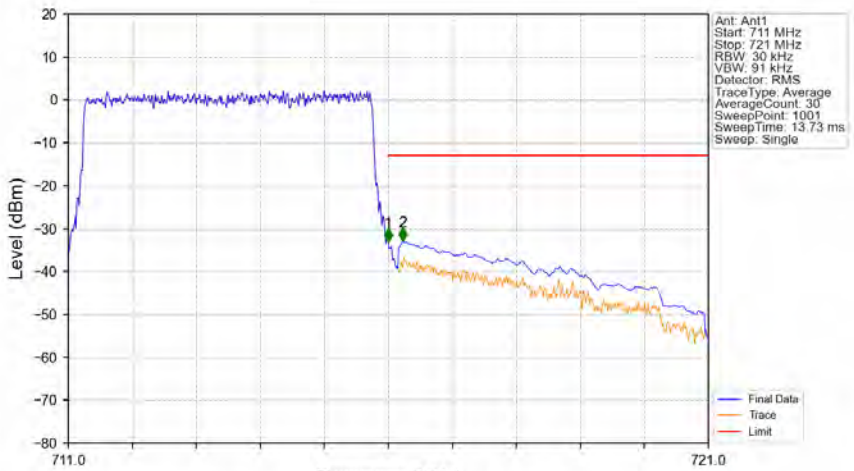
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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	716.000	-33.13	-13	Pass
716.1	721	0.1	CHP	2	716.230	-32.96	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

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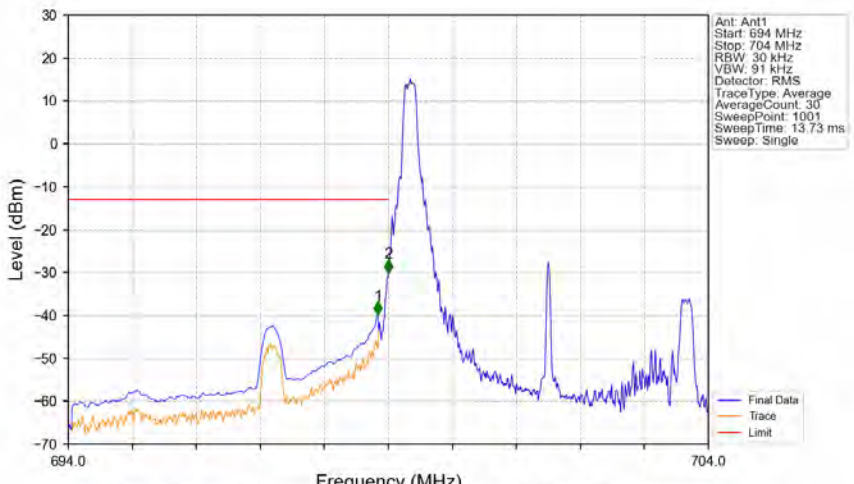

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-39.80	-13	Pass
698.9	699	0.03	/	2	699.000	-30.07	-13	Pass
699	704	0.03	/	/	/	/	/	/

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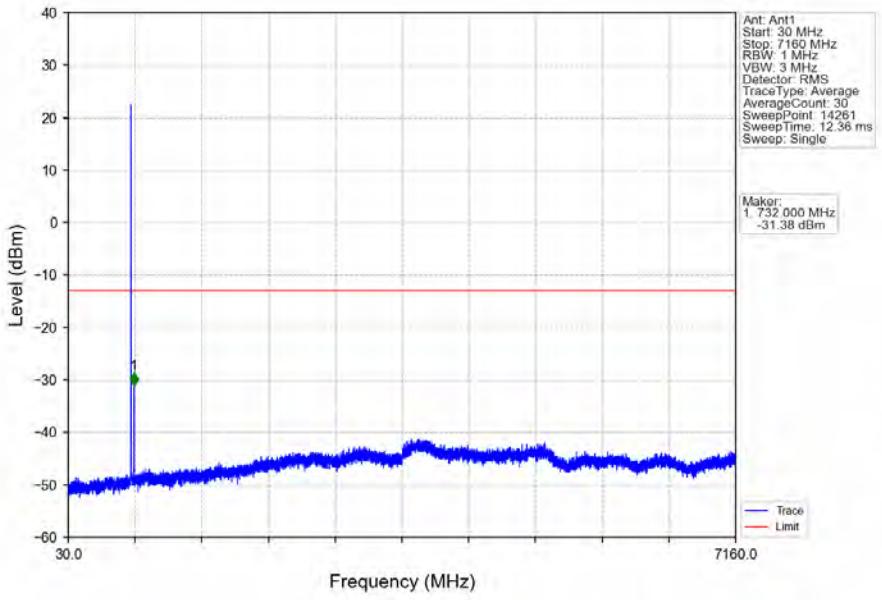

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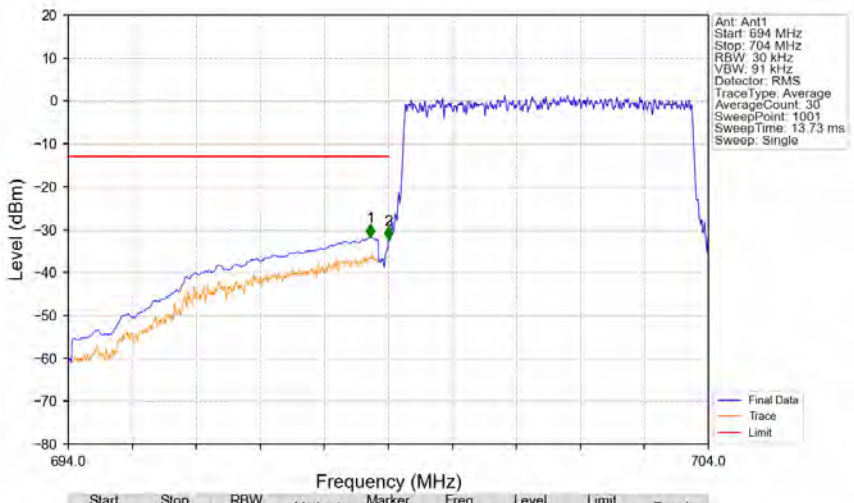

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.720	-31.76	-13	Pass
698.9	699	0.03	/	2	699.000	-32.42	-13	Pass
699	704	0.03	/	/	/	/	/	/

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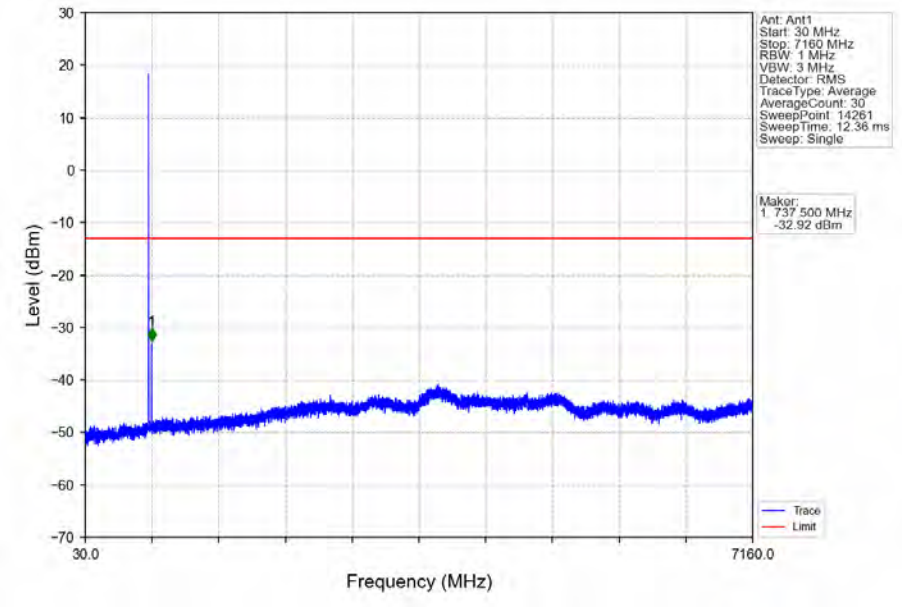

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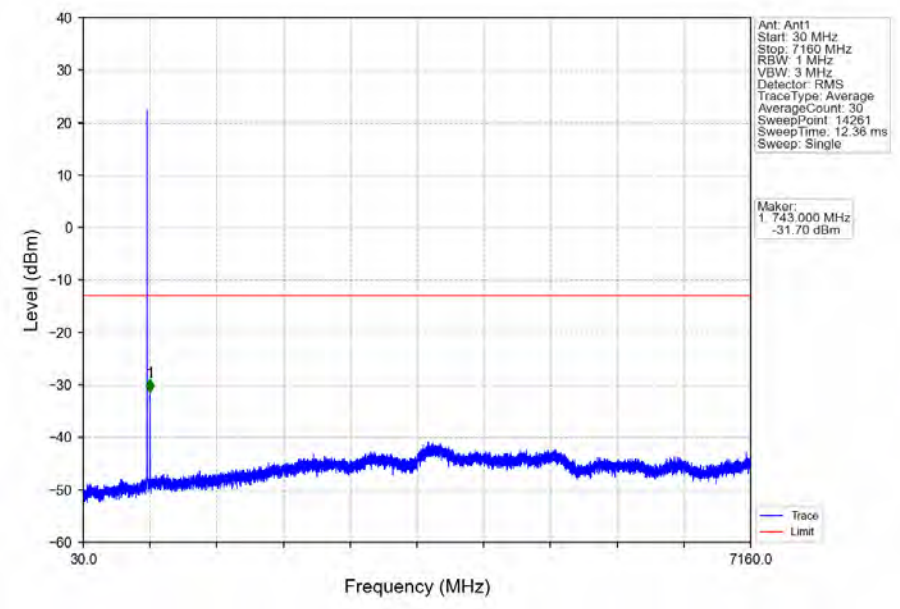

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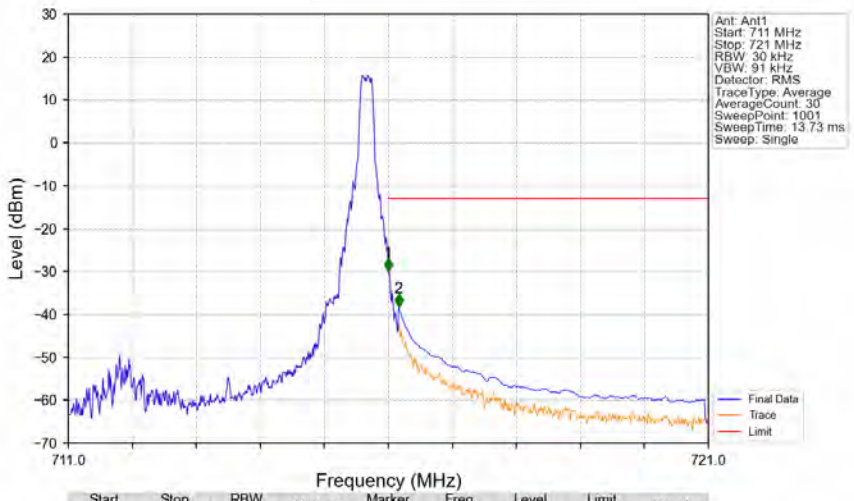

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-30.03	-13	Pass
716.1	721	0.1	CHP	2	716.160	-38.22	-13	Pass

Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

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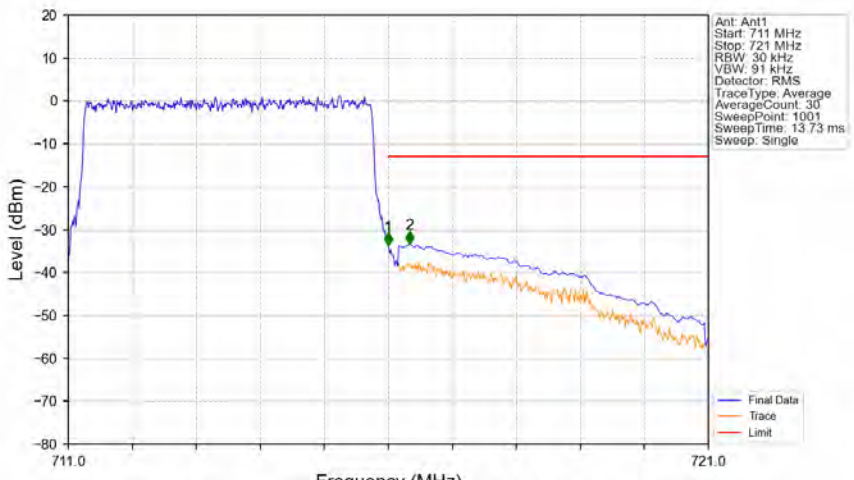

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-33.86	-13	Pass
716.1	721	0.1	CHP	2	716.330	-33.38	-13	Pass

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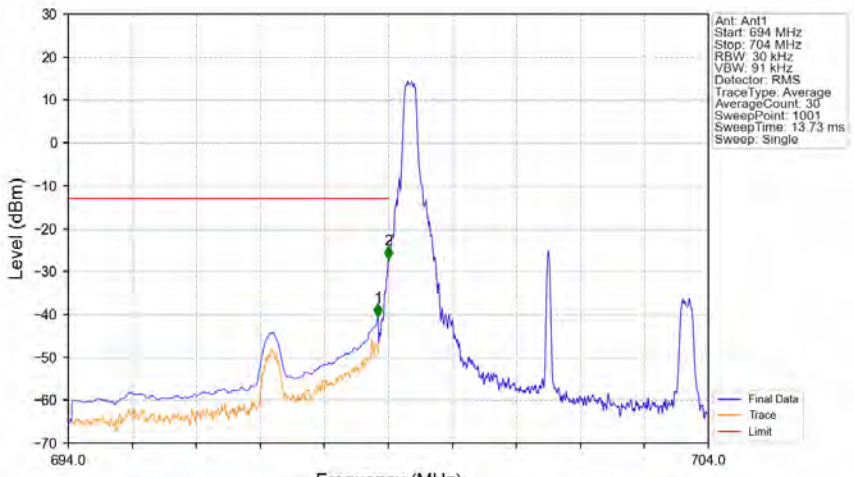

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-40.60	-13	Pass
698.9	699	0.03	/	2	699.000	-27.13	-13	Pass
699	704	0.03	/	/	/	/	/	/

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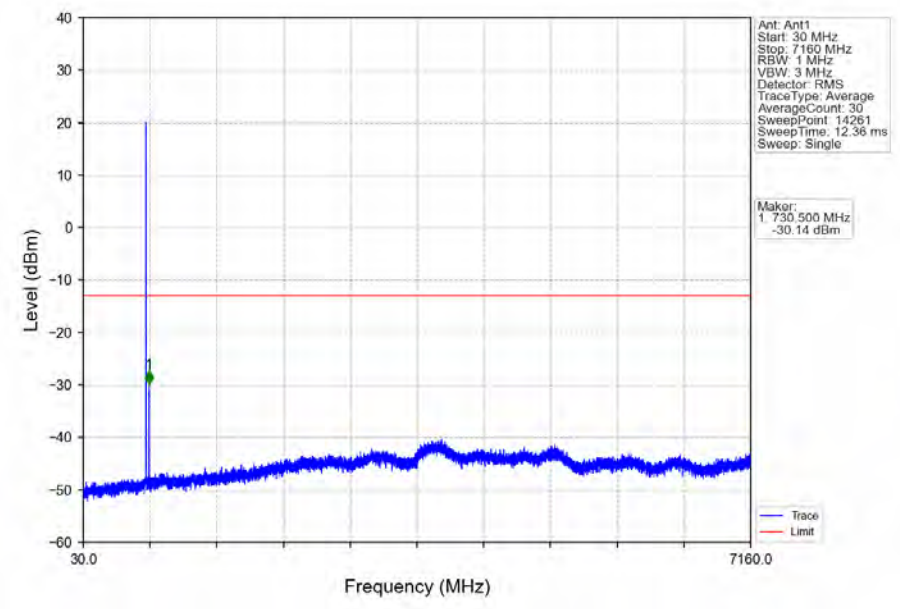

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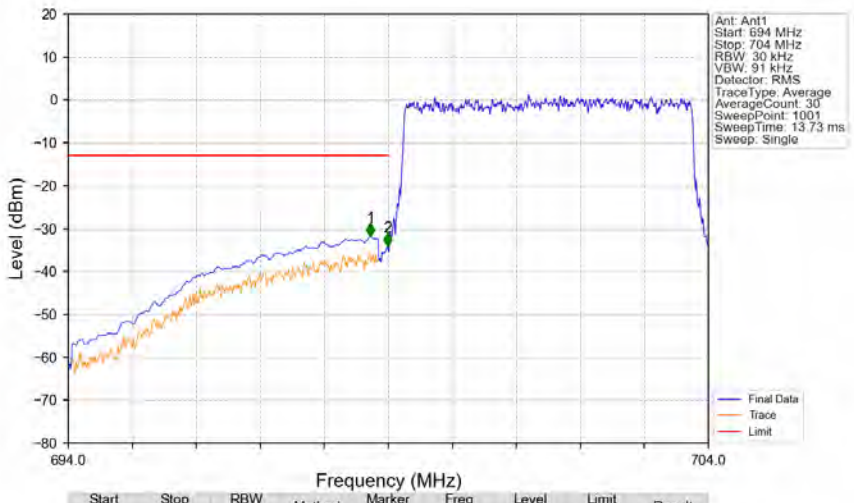
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.720	-31.84	-13	Pass
698.9	699	0.03	/	2	698.990	-34.21	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV

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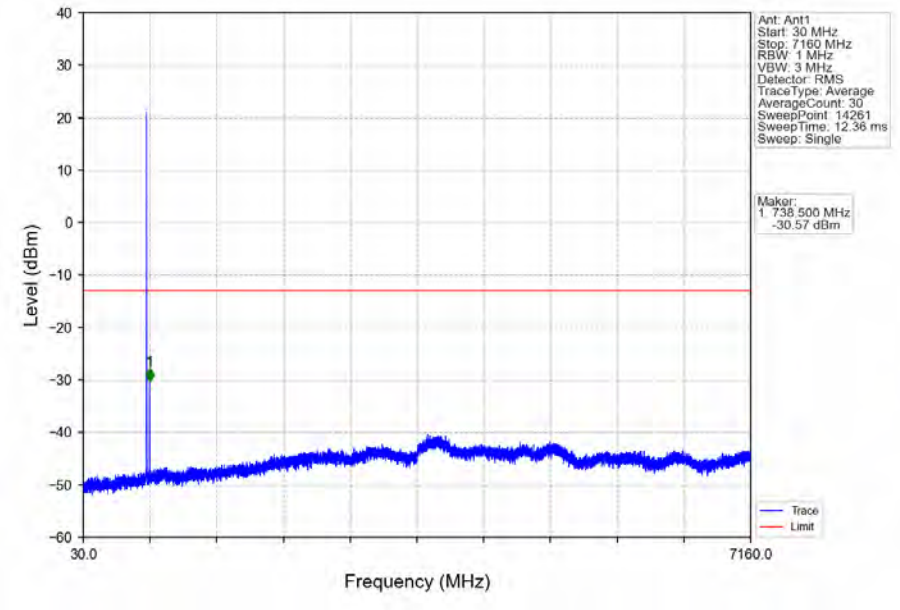

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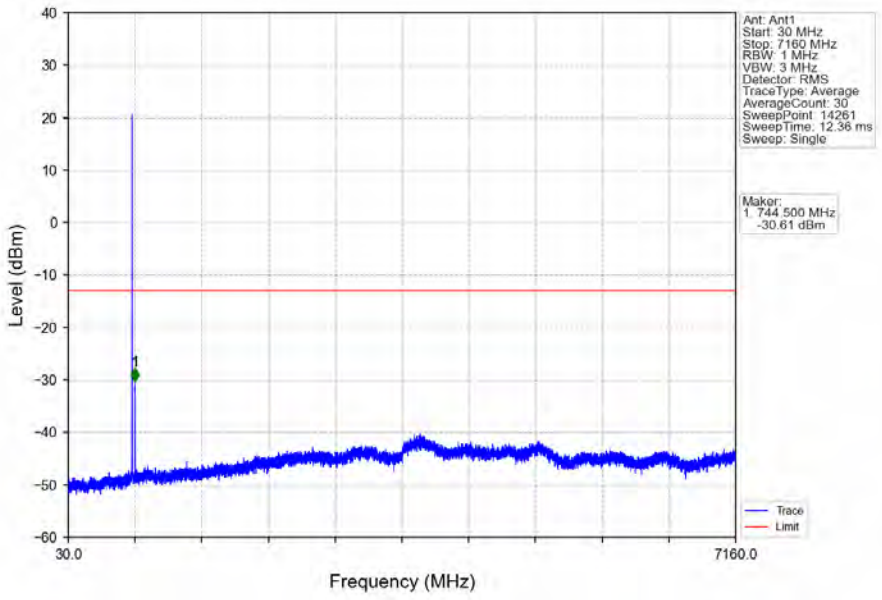

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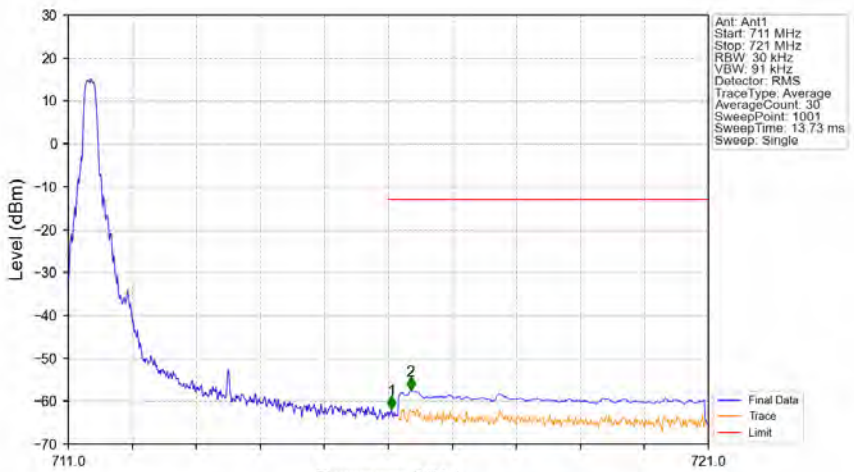

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.050	-61.87	-13	Pass
716.1	721	0.1	CHP	2	716.350	-57.55	-13	Pass

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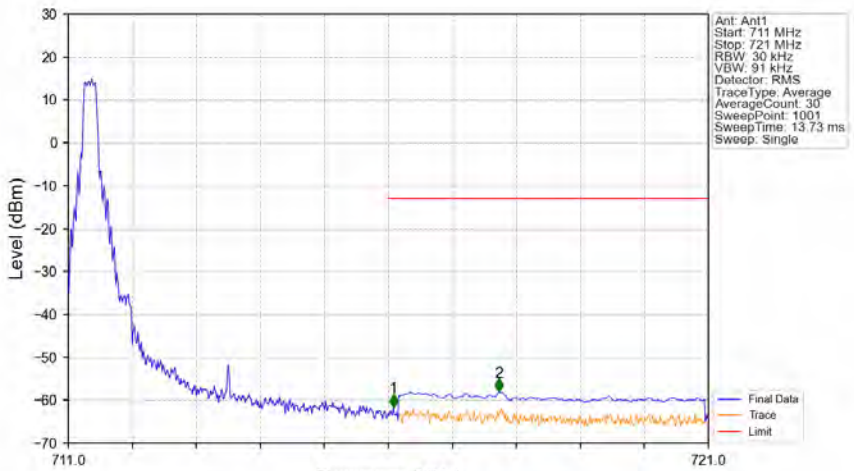

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.080	-61.65	-13	Pass
716.1	721	0.1	CHP	2	717.730	-58.07	-13	Pass

Band12_5MHz_256QAM_LCH_701.5MHz_RB_1_0_NTNV

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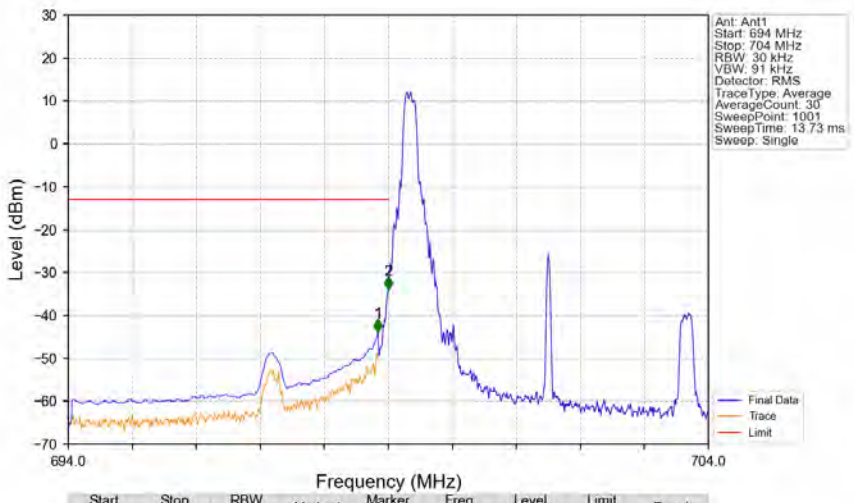

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-43.97	-13	Pass
698.9	699	0.03	/	2	699.000	-34.06	-13	Pass
699	704	0.03	/	/	/	/	/	/

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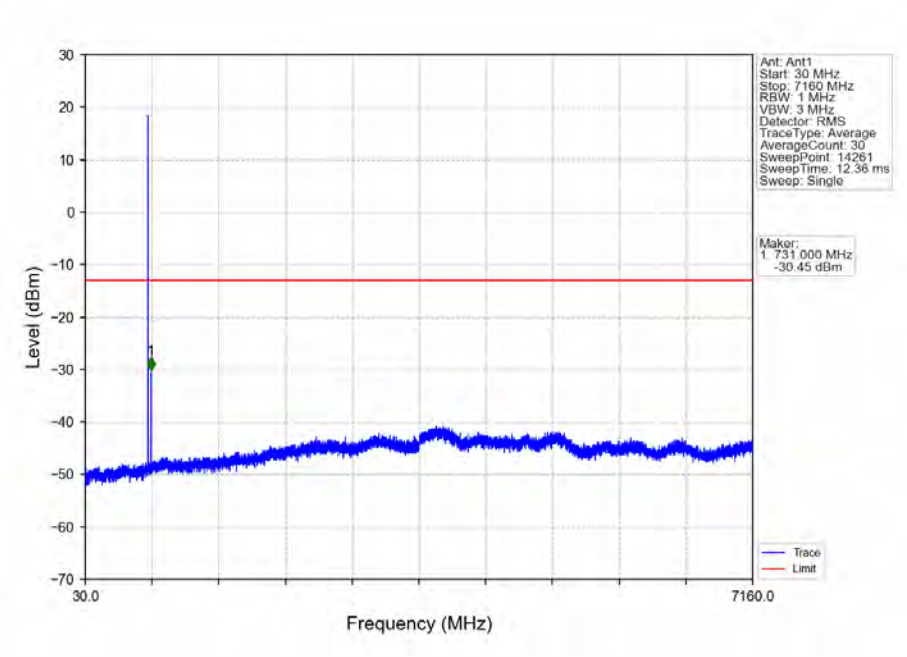

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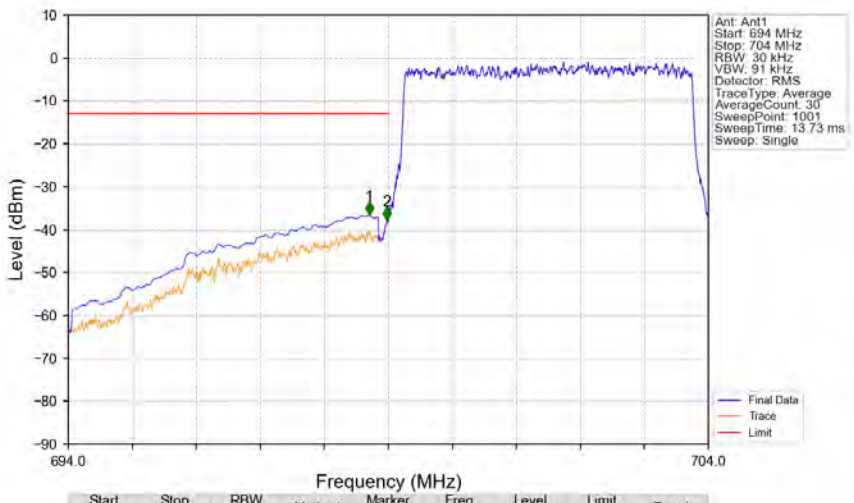

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.700	-36.57	-13	Pass
698.9	699	0.03	/	2	698.980	-37.86	-13	Pass
699	704	0.03	/	/	/	/	/	/

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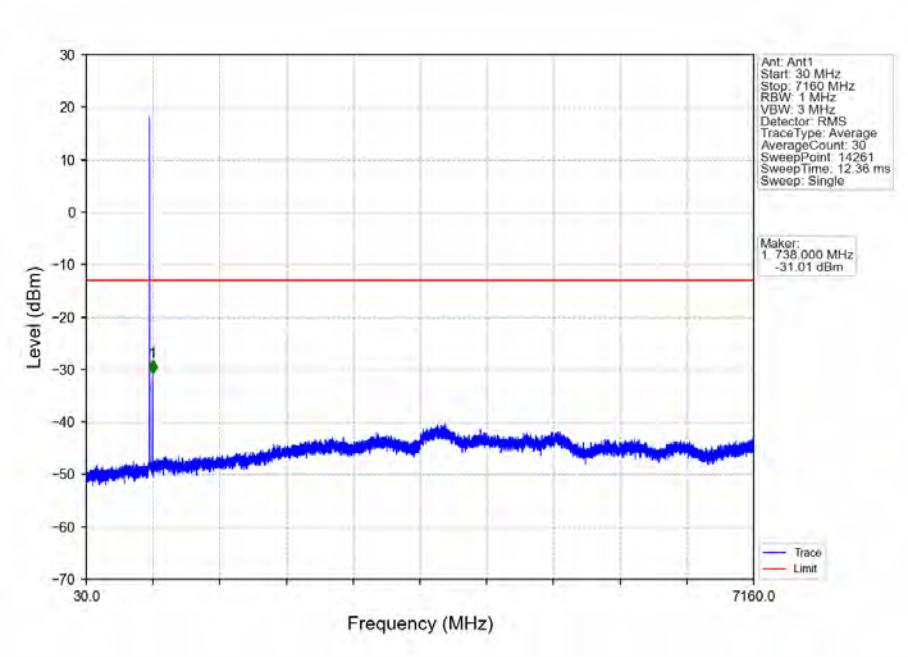

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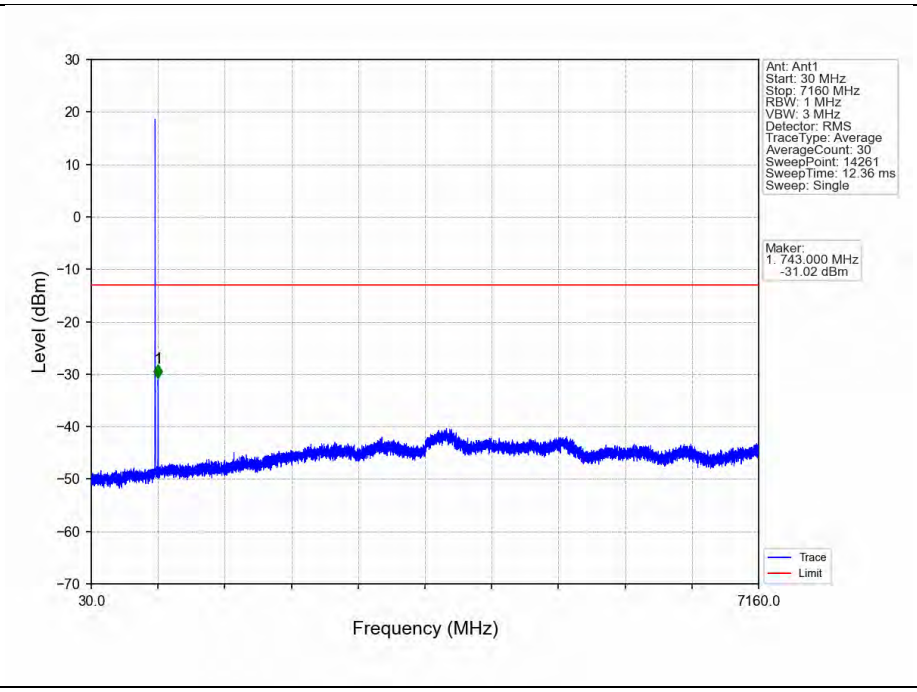

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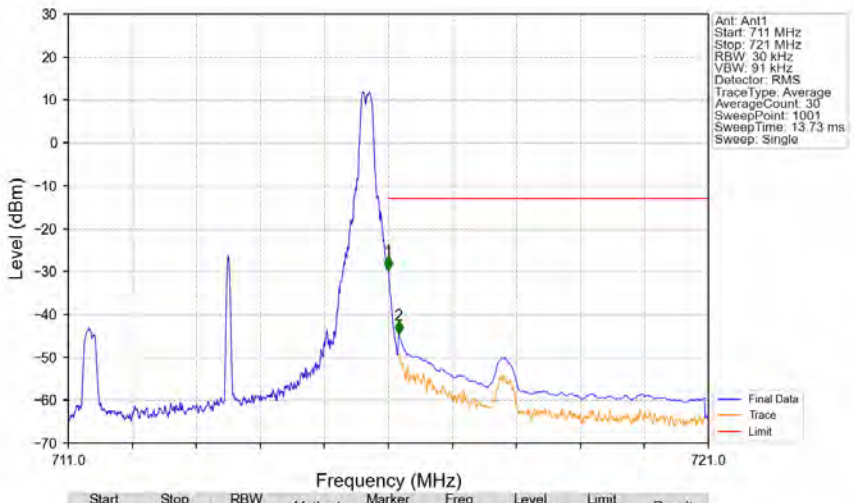

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-29.61	-13	Pass
716.1	721	0.1	CHP	2	716.160	-44.57	-13	Pass

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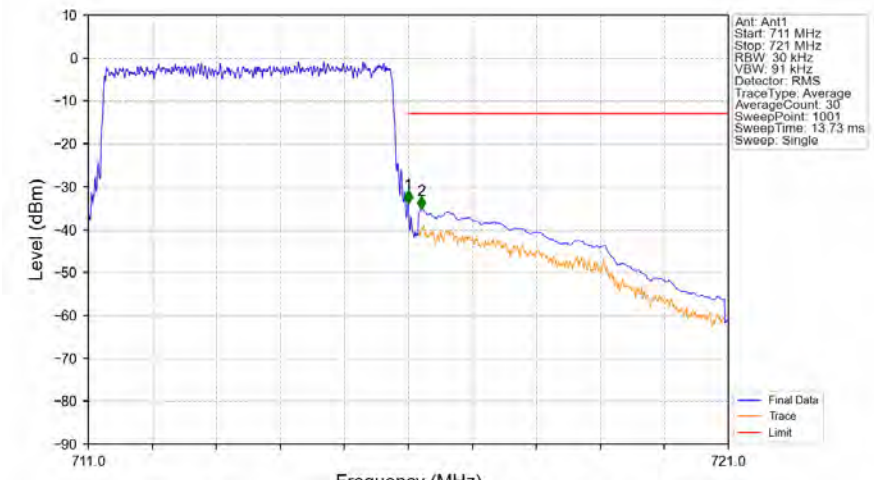

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-33.91	-13	Pass
716.1	721	0.1	CHP	2	716.200	-35.28	-13	Pass

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5.4 B12_10MHz

5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
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
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	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
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
256QAM	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

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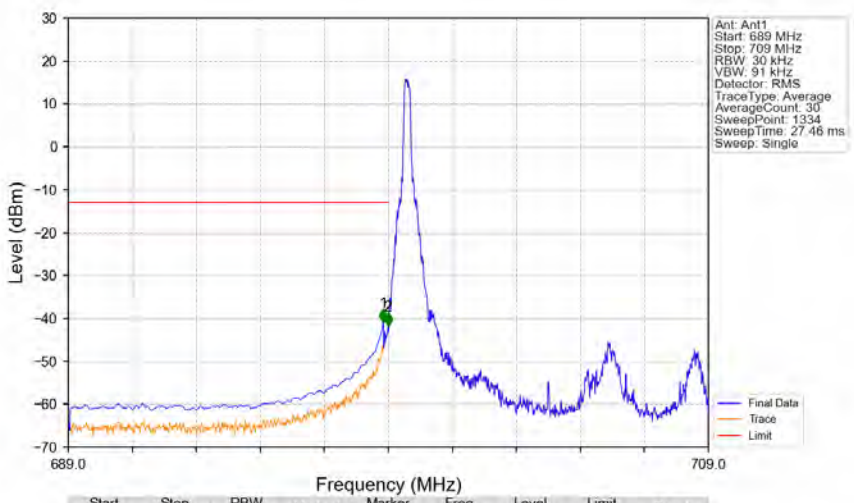
5.4.2 Test Graph

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	-40.81	-13	Pass
698.9	699	0.03	/	2	698.992	-41.71	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

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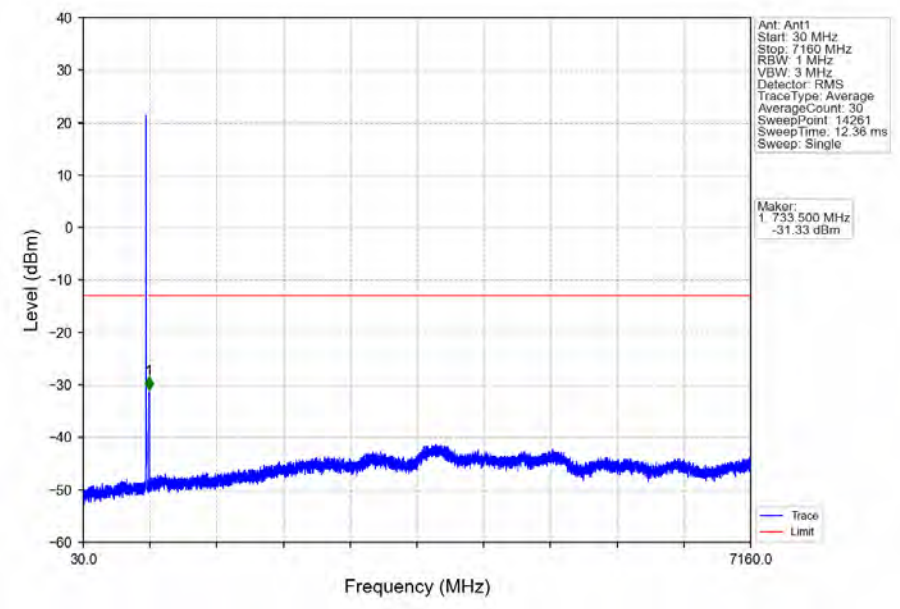

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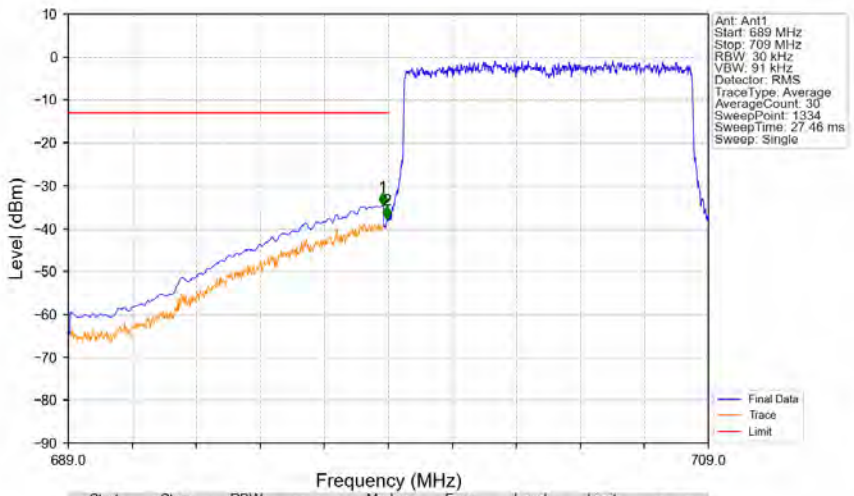
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.827	-34.64	-13	Pass
698.9	699	0.03	/	2	698.962	-37.84	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV

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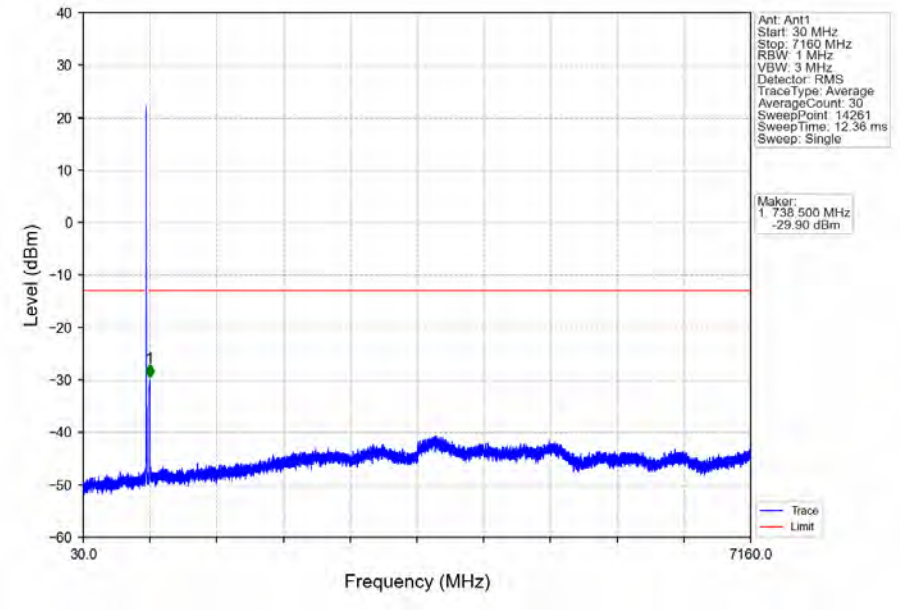

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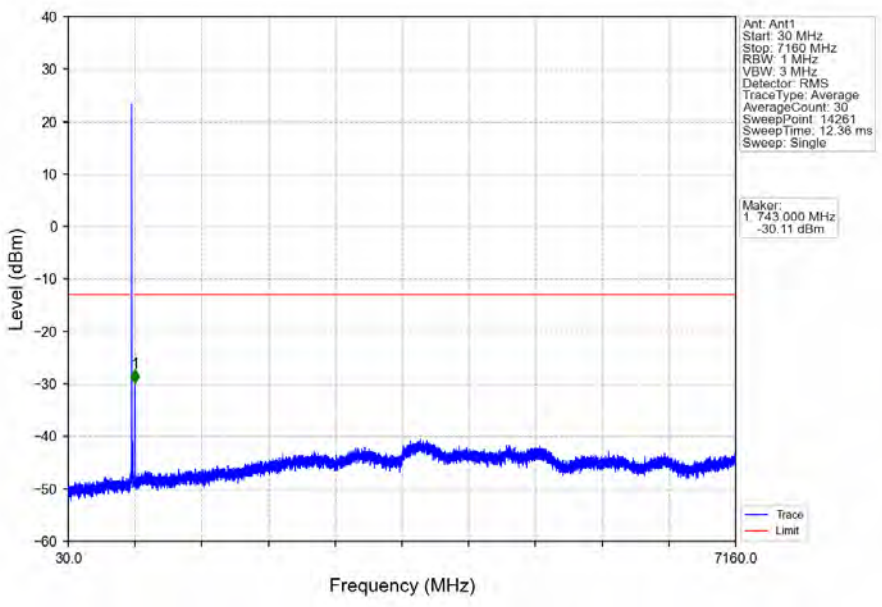
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV

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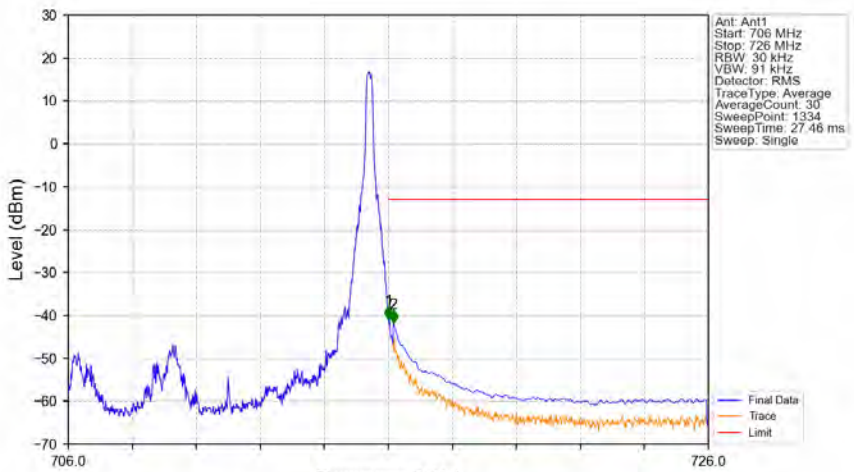

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-40.86	-13	Pass
716.1	726	0.1	CHP	2	716.158	-41.74	-13	Pass

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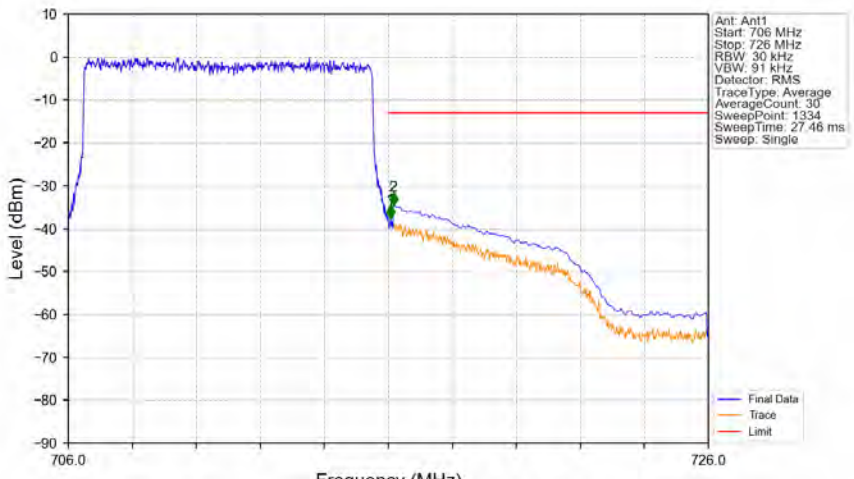

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.068	-37.59	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.58	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

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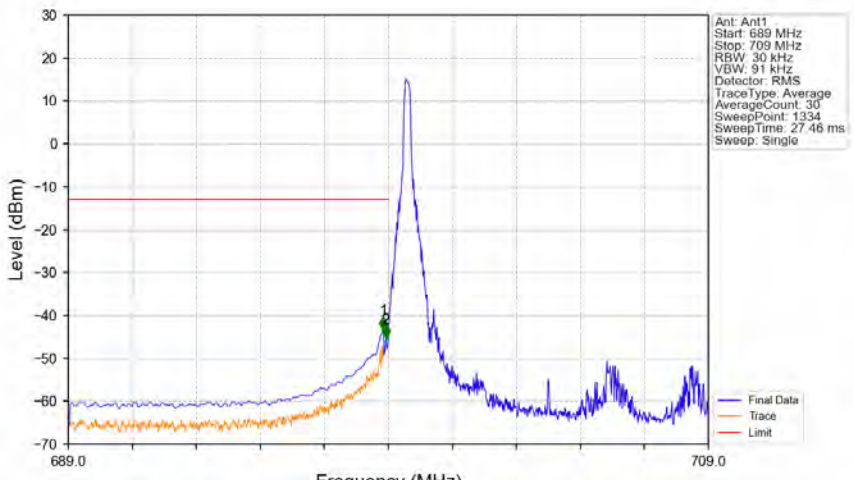

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-43.28	-13	Pass
698.9	699	0.03	/	2	698.917	-45.28	-13	Pass
699	709	0.03	/	/	/	/	/	/

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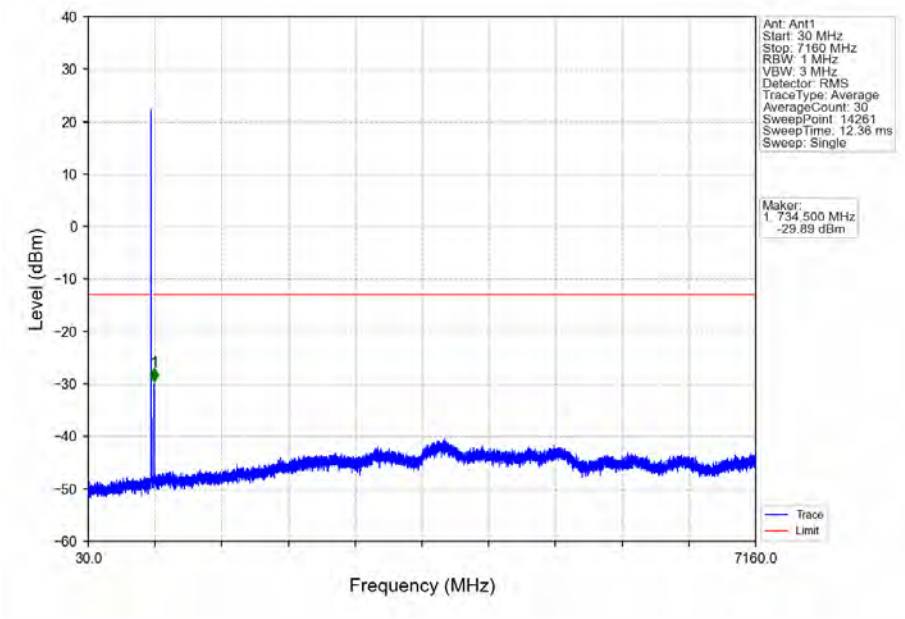

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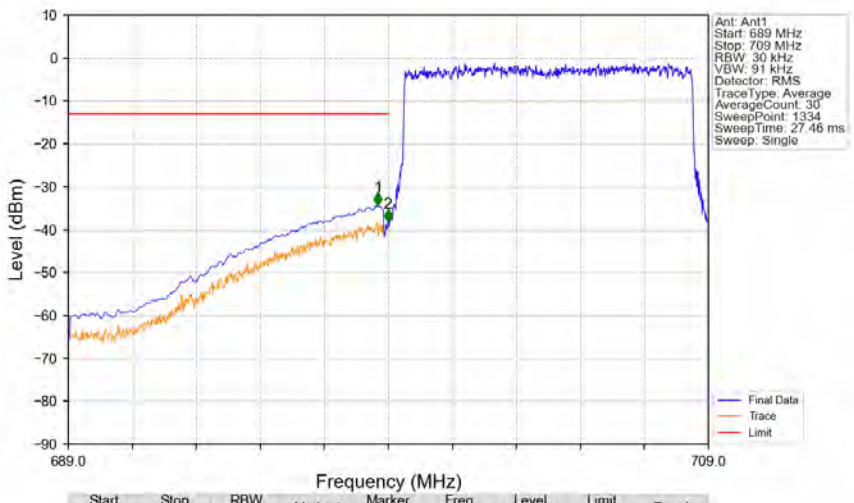

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.677	-34.39	-13	Pass
698.9	699	0.03	/	2	698.992	-38.39	-13	Pass
699	709	0.03	/	/	/	/	/	/

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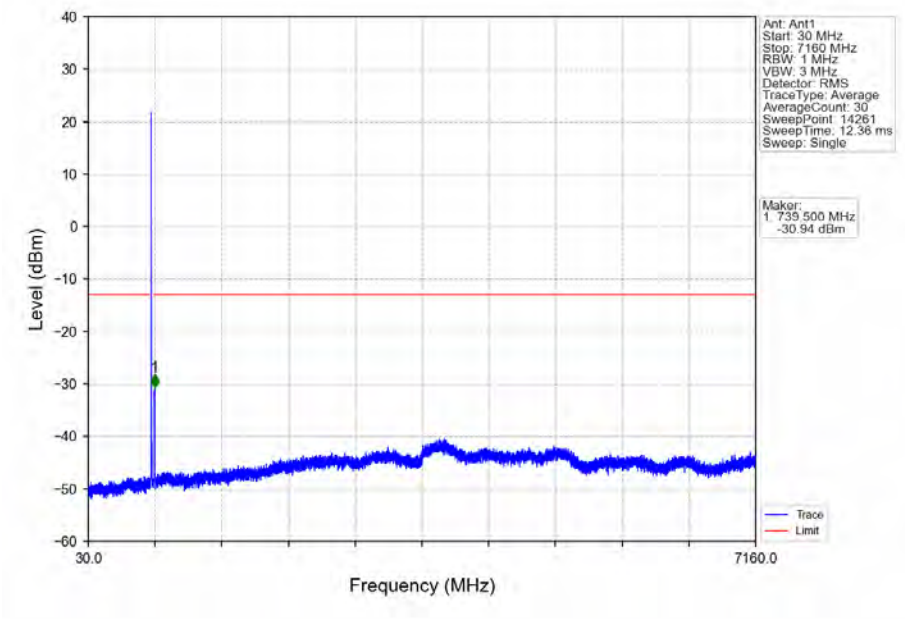

Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

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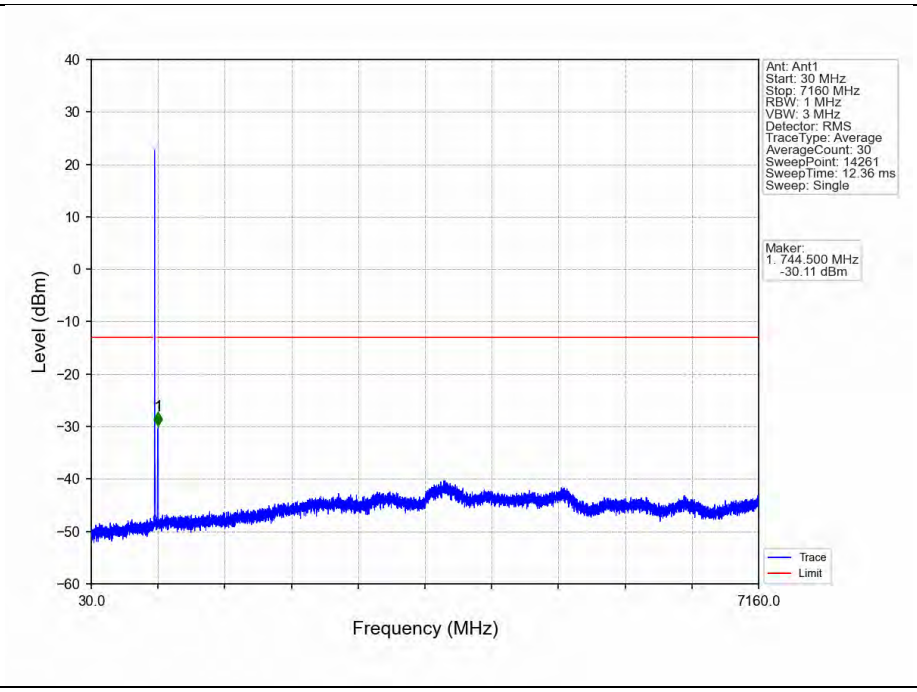

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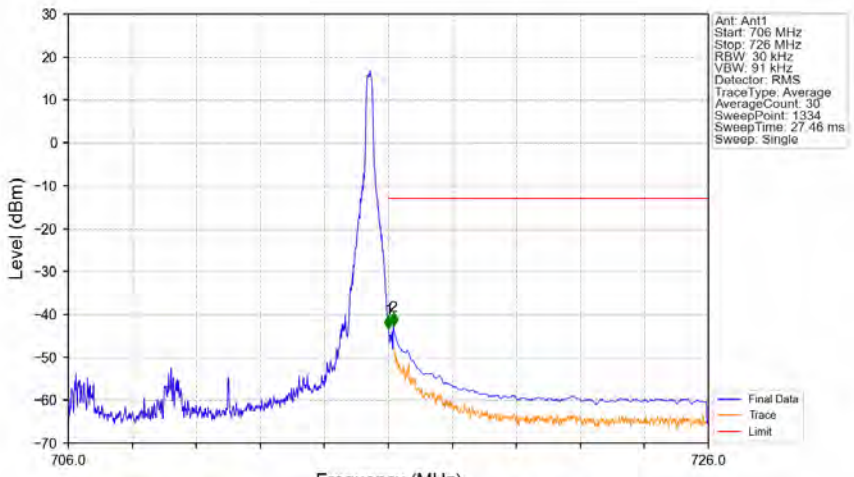

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-43.29	-13	Pass
716.1	726	0.1	CHP	2	716.158	-42.67	-13	Pass

Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

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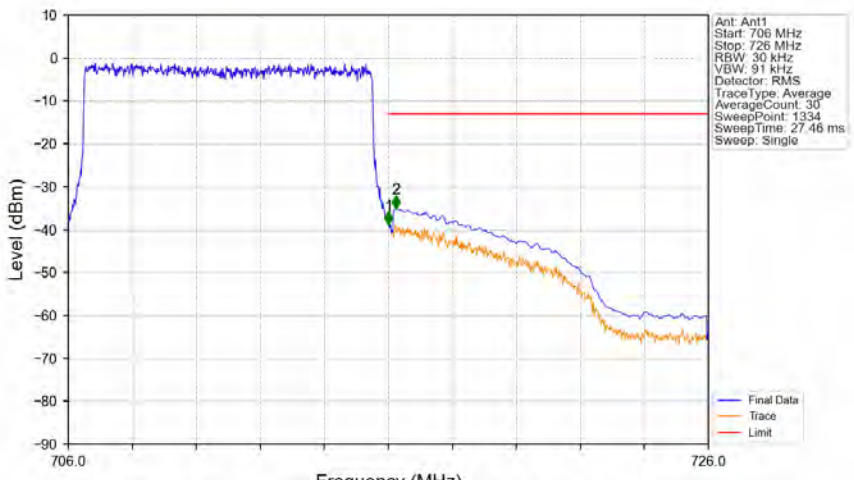

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-38.93	-13	Pass
716.1	726	0.1	CHP	2	716.248	-35.08	-13	Pass

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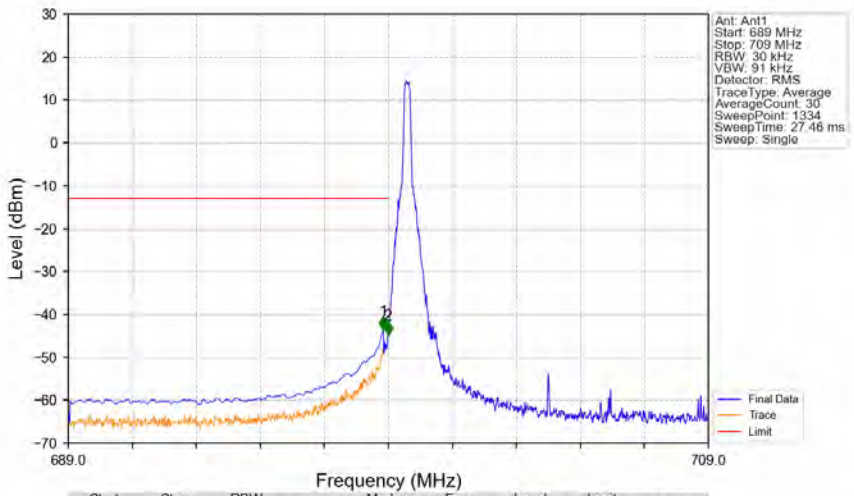
Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV



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	-43.59	-13	Pass
698.9	699	0.03	/	2	698.992	-44.71	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV

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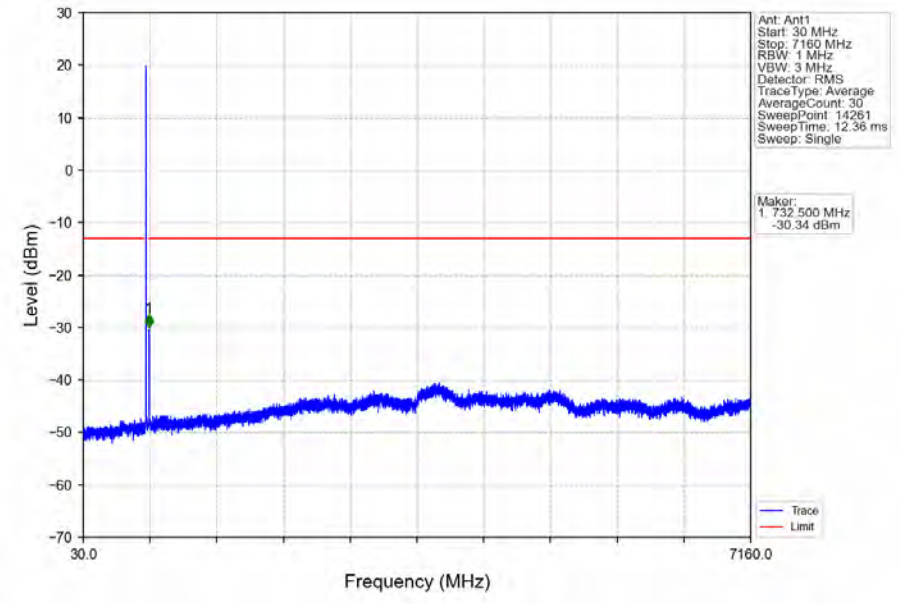

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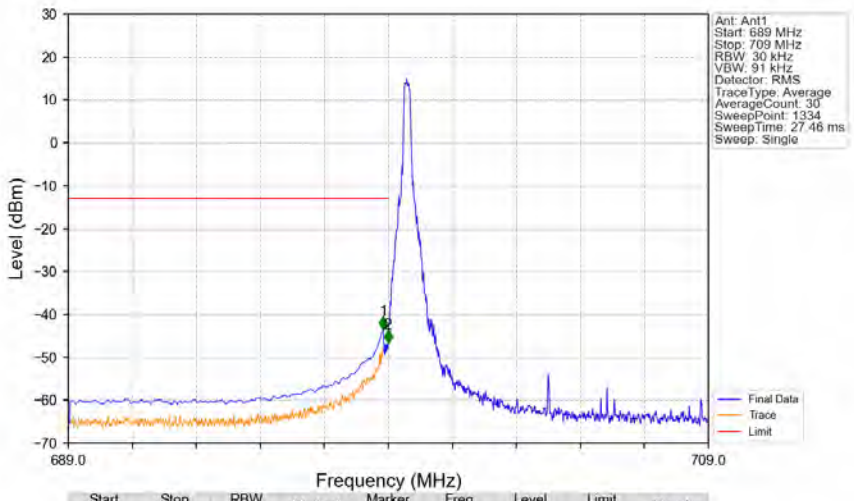
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



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	-43.54	-13	Pass
698.9	699	0.03	/	2	698.992	-46.67	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV

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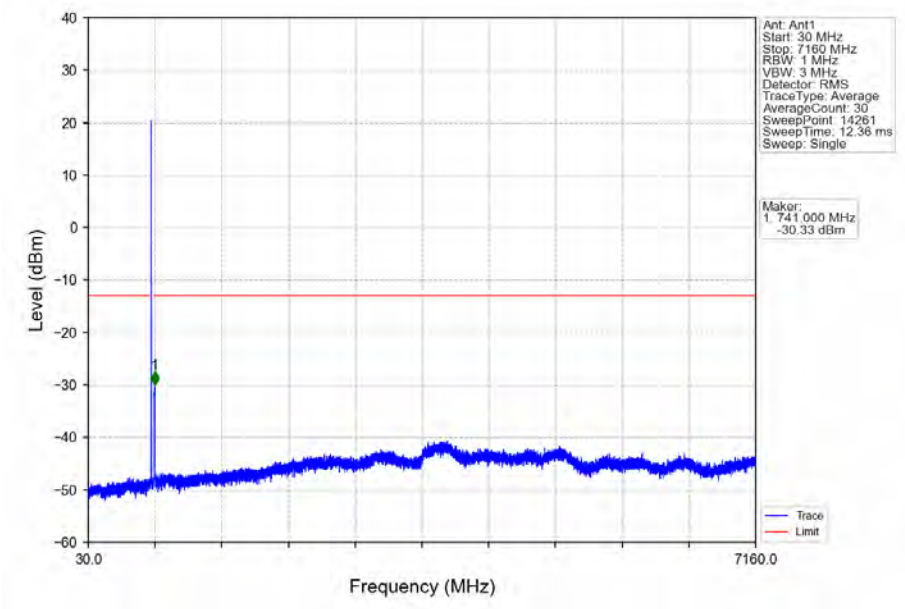

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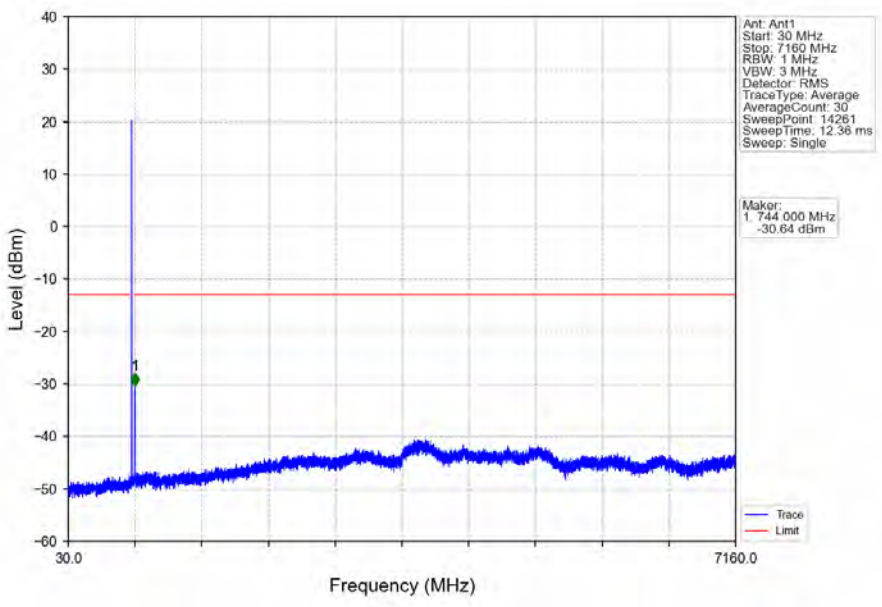

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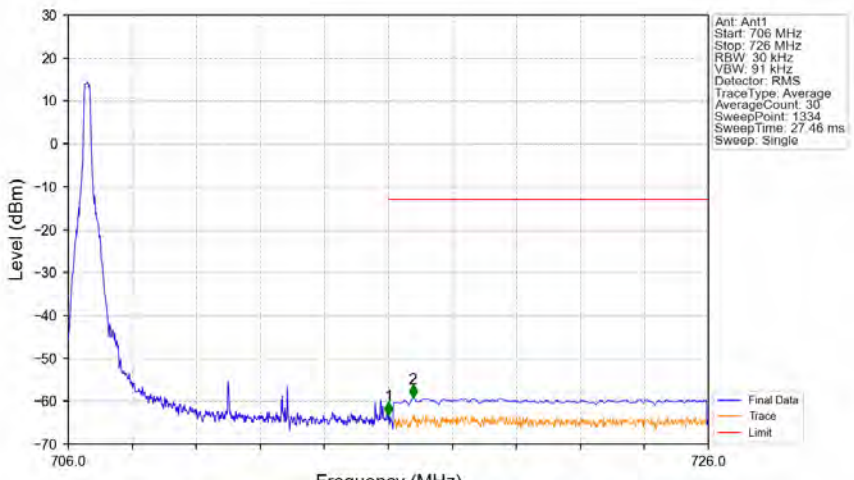

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-63.22	-13	Pass
716.1	726	0.1	CHP	2	716.773	-59.20	-13	Pass

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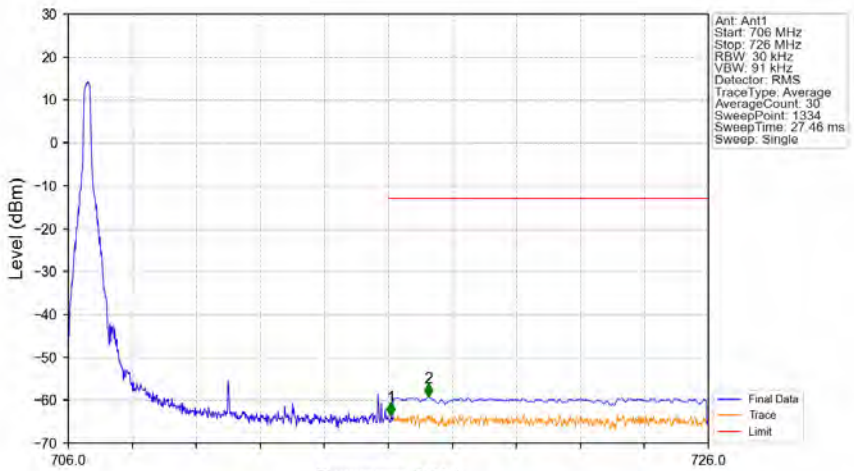

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.083	-63.64	-13	Pass
716.1	726	0.1	CHP	2	717.253	-59.19	-13	Pass

Band12_10MHz_256QAM_LCH_704MHz_RB_1_0_NTNV

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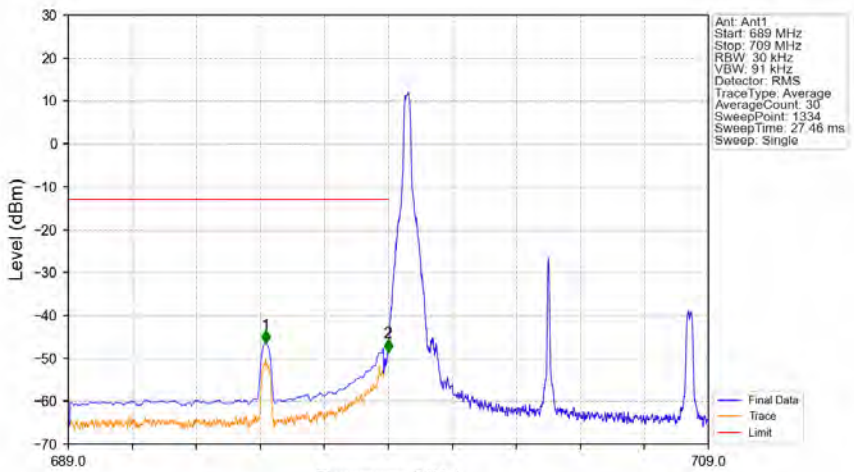

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	695.167	-46.54	-13	Pass
698.9	699	0.03	/	2	698.992	-48.58	-13	Pass
699	709	0.03	/	/	/	/	/	/

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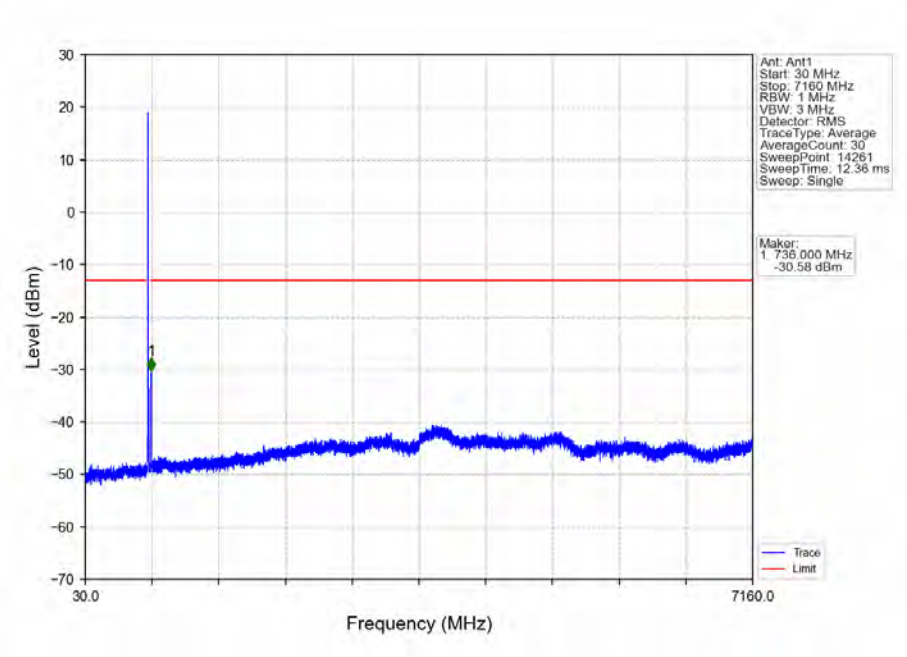

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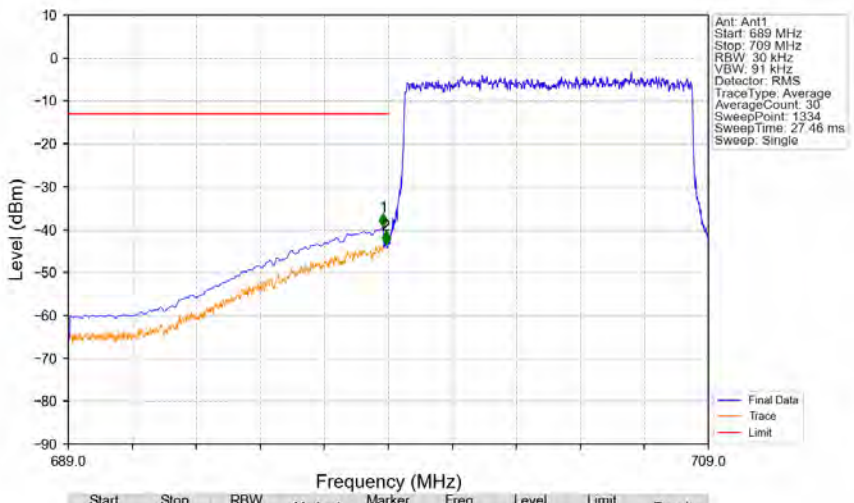

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-39.30	-13	Pass
698.9	699	0.03	/	2	698.917	-43.45	-13	Pass
699	709	0.03	/	/	/	/	/	/

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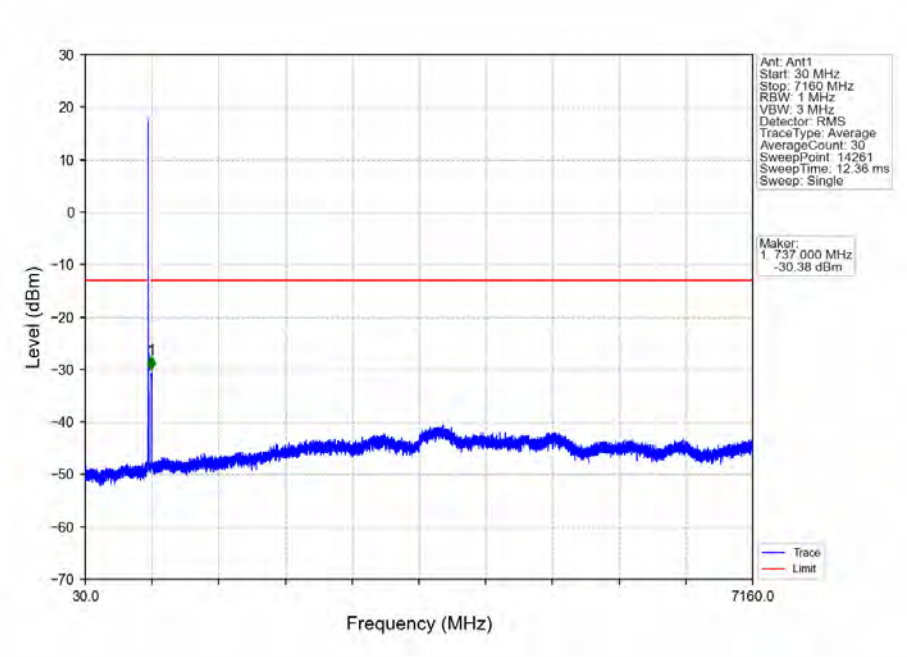
Band12_10MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_1_0_NTNV

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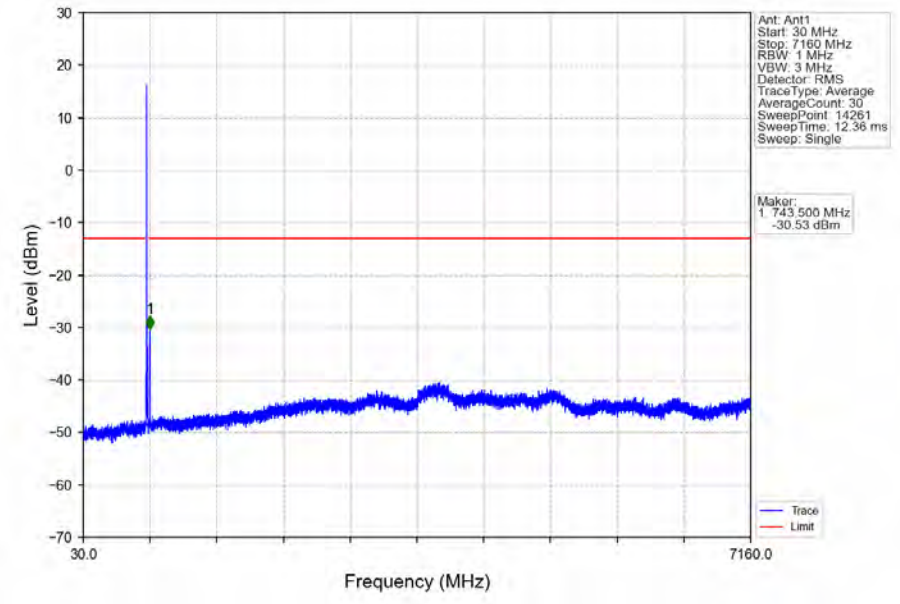

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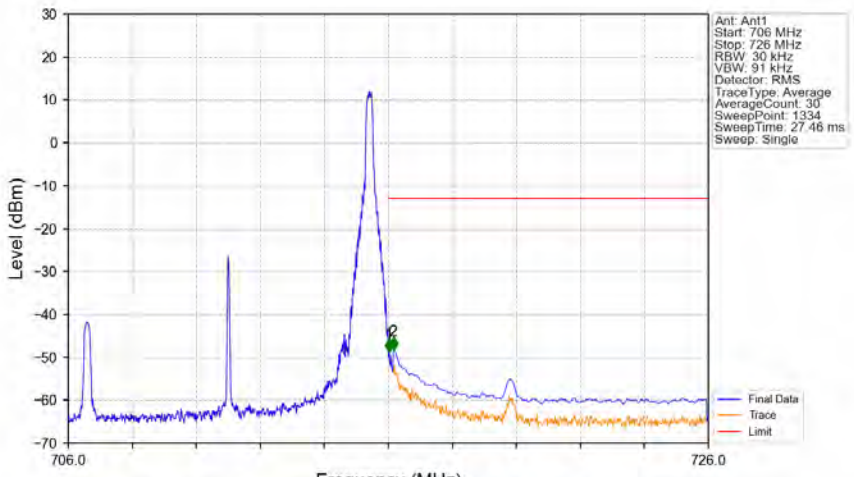
Band12_10MHz_256QAM_HCH_711MHz_RB_1_49_NTNV



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	716.023	-48.88	-13	Pass
716.1	726	0.1	CHP	2	716.158	-48.31	-13	Pass

Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV

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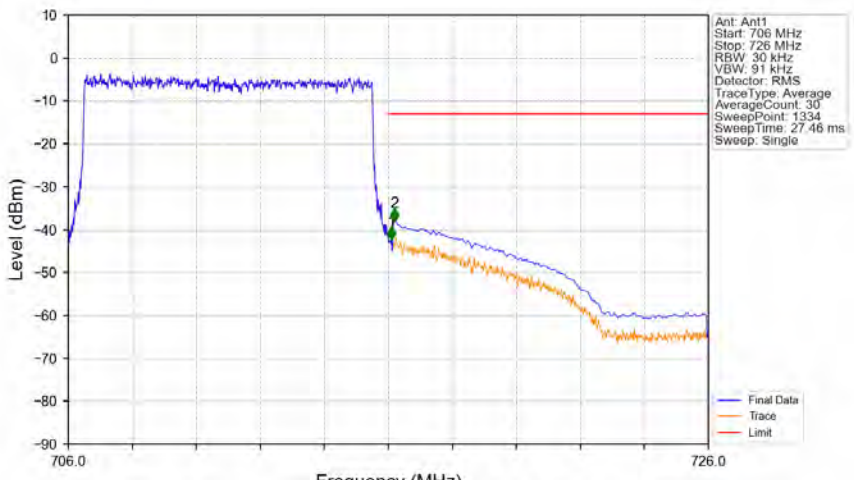

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.098	-42.36	-13	Pass
716.1	726	0.1	CHP	2	716.188	-38.11	-13	Pass

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6. Field Strength of Spurious Radiation

LTE Band 12-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1399	-63.75	-13	-50.75	-64.82	1.64	2.71	Horizontal	Pass
2098.5	-62.21	-13	-49.21	-64.48	2.35	4.62	Horizontal	Pass
2798	-58.66	-13	-45.66	-61.815	2.66	5.82	Horizontal	Pass
1399	-63.13	-13	-50.13	-64.2	1.64	2.71	Vertical	Pass
2098.5	-62.20	-13	-49.20	-64.47	2.35	4.62	Vertical	Pass
2798	-57.98	-13	-44.98	-61.135	2.66	5.82	Vertical	Pass

LTE Band 12-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1406	-65.07	-13	-52.07	-66.14	1.64	2.71	Horizontal	Pass
2109	-62.26	-13	-49.26	-64.53	2.35	4.62	Horizontal	Pass
2812	-58.66	-13	-45.66	-61.815	2.66	5.82	Horizontal	Pass
1406	-64.23	-13	-51.23	-65.3	1.64	2.71	Vertical	Pass
2109	-61.65	-13	-48.65	-63.92	2.35	4.62	Vertical	Pass
2812	-58.65	-13	-45.65	-61.805	2.66	5.82	Vertical	Pass

LTE Band 12-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1413	-65.83	-13	-52.83	-66.9	1.64	2.71	Horizontal	Pass
2119.5	-61.75	-13	-48.75	-64.02	2.35	4.62	Horizontal	Pass
2826	-58.05	-13	-45.05	-61.205	2.66	5.82	Horizontal	Pass
1413	-63.40	-13	-50.40	-64.47	1.64	2.71	Vertical	Pass
2119.5	-61.56	-13	-48.56	-63.83	2.35	4.62	Vertical	Pass
2826	-57.73	-13	-44.73	-60.885	2.66	5.82	Vertical	Pass

---End of Attachment---

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