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Appendix B.11

LTE Band 17



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERPAnt0

1.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.41	0.15	21.41	<=34.77	Pass
			13	23.57	0.15	21.57	<=34.77	Pass
			24	23.45	0.15	21.45	<=34.77	Pass
		12	0	22.51	0.15	20.51	<=34.77	Pass
			6	22.56	0.15	20.56	<=34.77	Pass
			13	22.60	0.15	20.60	<=34.77	Pass
		25	0	22.57	0.15	20.57	<=34.77	Pass
	710	1	0	23.44	0.15	21.44	<=34.77	Pass
			13	23.57	0.15	21.57	<=34.77	Pass
			24	23.46	0.15	21.46	<=34.77	Pass
		12	0	22.43	0.15	20.43	<=34.77	Pass
			6	22.57	0.15	20.57	<=34.77	Pass
			13	22.63	0.15	20.63	<=34.77	Pass
		25	0	22.54	0.15	20.54	<=34.77	Pass
	713.5	1	0	23.49	0.15	21.49	<=34.77	Pass
			13	23.64	0.15	21.64	<=34.77	Pass
			24	23.52	0.15	21.52	<=34.77	Pass
		12	0	22.54	0.15	20.54	<=34.77	Pass
			6	22.60	0.15	20.60	<=34.77	Pass
			13	22.43	0.15	20.43	<=34.77	Pass
		25	0	22.52	0.15	20.52	<=34.77	Pass
16QAM	706.5	1	0	22.62	0.15	20.62	<=34.77	Pass
			13	22.76	0.15	20.76	<=34.77	Pass
			24	22.65	0.15	20.65	<=34.77	Pass
		12	0	21.52	0.15	19.52	<=34.77	Pass
			6	21.58	0.15	19.58	<=34.77	Pass
			13	21.61	0.15	19.61	<=34.77	Pass
		25	0	21.57	0.15	19.57	<=34.77	Pass
	710	1	0	22.65	0.15	20.65	<=34.77	Pass
			13	22.76	0.15	20.76	<=34.77	Pass
			24	22.66	0.15	20.66	<=34.77	Pass
		12	0	21.33	0.15	19.33	<=34.77	Pass
			6	21.53	0.15	19.53	<=34.77	Pass
			13	21.54	0.15	19.54	<=34.77	Pass
		25	0	21.53	0.15	19.53	<=34.77	Pass
	713.5	1	0	22.74	0.15	20.74	<=34.77	Pass
			13	22.85	0.15	20.85	<=34.77	Pass
			24	22.74	0.15	20.74	<=34.77	Pass
		12	0	21.44	0.15	19.44	<=34.77	Pass



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			6	21.55	0.15	19.55	<=34.77	Pass
			13	21.38	0.15	19.38	<=34.77	Pass
		25	0	21.52	0.15	19.52	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B17_10MHz_ERP

1.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	23.48	0.15	21.48	<=34.77	Pass
			25	23.73	0.15	21.73	<=34.77	Pass
			49	23.56	0.15	21.56	<=34.77	Pass
		25	0	22.46	0.15	20.46	<=34.77	Pass
			13	22.61	0.15	20.61	<=34.77	Pass
			25	22.74	0.15	20.74	<=34.77	Pass
		50	0	22.61	0.15	20.61	<=34.77	Pass
			25	23.52	0.15	21.52	<=34.77	Pass
			49	23.68	0.15	21.68	<=34.77	Pass
	710	1	0	23.57	0.15	21.57	<=34.77	Pass
			25	22.40	0.15	20.40	<=34.77	Pass
			49	22.60	0.15	20.60	<=34.77	Pass
		25	13	22.60	0.15	20.60	<=34.77	Pass
			25	22.62	0.15	20.62	<=34.77	Pass
			49	22.52	0.15	20.52	<=34.77	Pass
		50	0	22.52	0.15	20.52	<=34.77	Pass
			25	22.52	0.15	20.52	<=34.77	Pass
			49	22.52	0.15	20.52	<=34.77	Pass
	711	1	0	23.51	0.15	21.51	<=34.77	Pass
			25	23.76	0.15	21.76	<=34.77	Pass
			49	23.58	0.15	21.58	<=34.77	Pass
		25	0	22.39	0.15	20.39	<=34.77	Pass
			13	22.61	0.15	20.61	<=34.77	Pass
			25	22.52	0.15	20.52	<=34.77	Pass
		50	0	22.40	0.15	20.40	<=34.77	Pass
			25	22.40	0.15	20.40	<=34.77	Pass
			49	22.40	0.15	20.40	<=34.77	Pass
16QAM	709	1	0	22.68	0.15	20.68	<=34.77	Pass
			25	22.86	0.15	20.86	<=34.77	Pass
			49	22.75	0.15	20.75	<=34.77	Pass
		25	0	21.51	0.15	19.51	<=34.77	Pass
			13	21.65	0.15	19.65	<=34.77	Pass
			25	21.78	0.15	19.78	<=34.77	Pass
		50	0	21.64	0.15	19.64	<=34.77	Pass
			25	22.59	0.15	20.59	<=34.77	Pass
			49	22.75	0.15	20.75	<=34.77	Pass
	710	1	0	22.62	0.15	20.62	<=34.77	Pass
			25	21.43	0.15	19.43	<=34.77	Pass
			49	21.63	0.15	19.63	<=34.77	Pass
		25	13	21.63	0.15	19.63	<=34.77	Pass
			25	21.65	0.15	19.65	<=34.77	Pass
			49	21.65	0.15	19.65	<=34.77	Pass
		50	0	21.51	0.15	19.51	<=34.77	Pass
			25	21.51	0.15	19.51	<=34.77	Pass
			49	21.51	0.15	19.51	<=34.77	Pass



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	711	1	0	22.74	0.15	20.74	<=34.77	Pass
			25	22.94	0.15	20.94	<=34.77	Pass
			49	22.79	0.15	20.79	<=34.77	Pass
		25	0	21.37	0.15	19.37	<=34.77	Pass
			13	21.61	0.15	19.61	<=34.77	Pass
			25	21.57	0.15	19.57	<=34.77	Pass
		50	0	21.35	0.15	19.35	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.2 B17_10MHz

2.2.1 Test Result

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	8	-5.588	-0.0079	/	Pass
					12	-6.308	-0.0089	/	Pass
					16	-3.817	-0.0054	/	Pass
				-30	12	-5.429	-0.0077	/	Pass
				-20	12	-6.638	-0.0094	/	Pass
				-10	12	-5.173	-0.0073	/	Pass
				0	12	-5.856	-0.0083	/	Pass
				10	12	-1.140	-0.0016	/	Pass
				30	12	-3.939	-0.0056	/	Pass
				40	12	-9.834	-0.0139	/	Pass
	710	50	0	20	8	-10.534	-0.0149	/	Pass
					12	-12.739	-0.0179	/	Pass
					16	-9.785	-0.0138	/	Pass
				-30	12	-5.385	-0.0076	/	Pass
				-20	12	-10.690	-0.0151	/	Pass
				-10	12	-6.042	-0.0085	/	Pass
				0	12	-12.255	-0.0173	/	Pass
				10	12	-7.436	-0.0105	/	Pass
				30	12	-6.819	-0.0096	/	Pass
				40	12	-8.304	-0.0117	/	Pass
	711	50	0	20	8	-7.392	-0.0104	/	Pass
					12	-7.066	-0.0099	/	Pass
					16	-5.373	-0.0076	/	Pass
				-30	12	-7.198	-0.0101	/	Pass
				-20	12	-8.986	-0.0126	/	Pass
				-10	12	-8.136	-0.0114	/	Pass
				0	12	-7.775	-0.0109	/	Pass
				10	12	-8.715	-0.0123	/	Pass
				30	12	-7.241	-0.0102	/	Pass
				40	12	-2.982	-0.0042	/	Pass
16QAM	709	50	0	20	8	-7.689	-0.0108	/	Pass
					12	-4.259	-0.0060	/	Pass
					16	-10.967	-0.0155	/	Pass
				-30	12	-7.904	-0.0111	/	Pass
				-20	12	-5.882	-0.0083	/	Pass
				-10	12	-9.005	-0.0127	/	Pass



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				0	12	-3.904	-0.0055	/	Pass
				10	12	-3.709	-0.0052	/	Pass
				30	12	-8.229	-0.0116	/	Pass
				40	12	-4.434	-0.0063	/	Pass
				50	12	-5.268	-0.0074	/	Pass
	710	50	0	20	8	-7.596	-0.0107	/	Pass
					12	-7.223	-0.0102	/	Pass
					16	-9.174	-0.0129	/	Pass
				-30	12	-9.445	-0.0133	/	Pass
				-20	12	-7.140	-0.0101	/	Pass
				-10	12	-9.288	-0.0131	/	Pass
				0	12	-6.593	-0.0093	/	Pass
				10	12	-7.304	-0.0103	/	Pass
				30	12	-7.415	-0.0104	/	Pass
				40	12	-9.585	-0.0135	/	Pass
				50	12	-9.911	-0.0140	/	Pass
	711	50	0	20	8	-7.452	-0.0105	/	Pass
					12	-6.711	-0.0094	/	Pass
					16	-6.579	-0.0093	/	Pass
				-30	12	-5.436	-0.0076	/	Pass
				-20	12	-3.800	-0.0053	/	Pass
				-10	12	-7.068	-0.0099	/	Pass
				0	12	-6.955	-0.0098	/	Pass
				10	12	-6.358	-0.0089	/	Pass
				30	12	-6.974	-0.0098	/	Pass
				40	12	-7.593	-0.0107	/	Pass
				50	12	-9.289	-0.0131	/	Pass



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3. 99% & 26dB Bandwidth

3.1 Band17_OBW

3.1.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.565	/	Pass
		710	25	0	4.560	/	Pass
		713.5	25	0	4.573	/	Pass
	16QAM	706.5	25	0	4.585	/	Pass
		710	25	0	4.575	/	Pass
		713.5	25	0	4.568	/	Pass
10	QPSK	709	50	0	9.080	/	Pass
		710	50	0	9.039	/	Pass
		711	50	0	9.040	/	Pass
	16QAM	709	50	0	9.065	/	Pass
		710	50	0	9.035	/	Pass
		711	50	0	9.020	/	Pass



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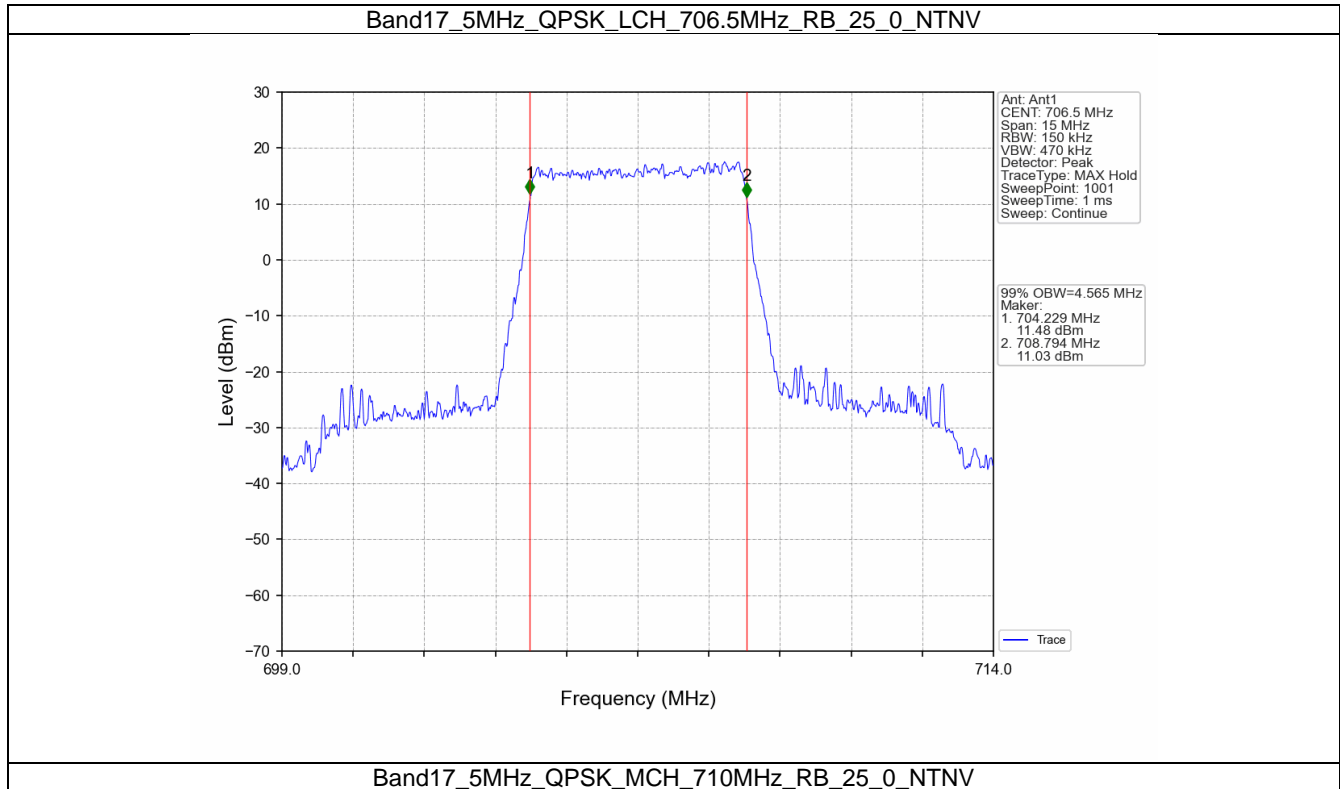
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3.1.2 Test Graph



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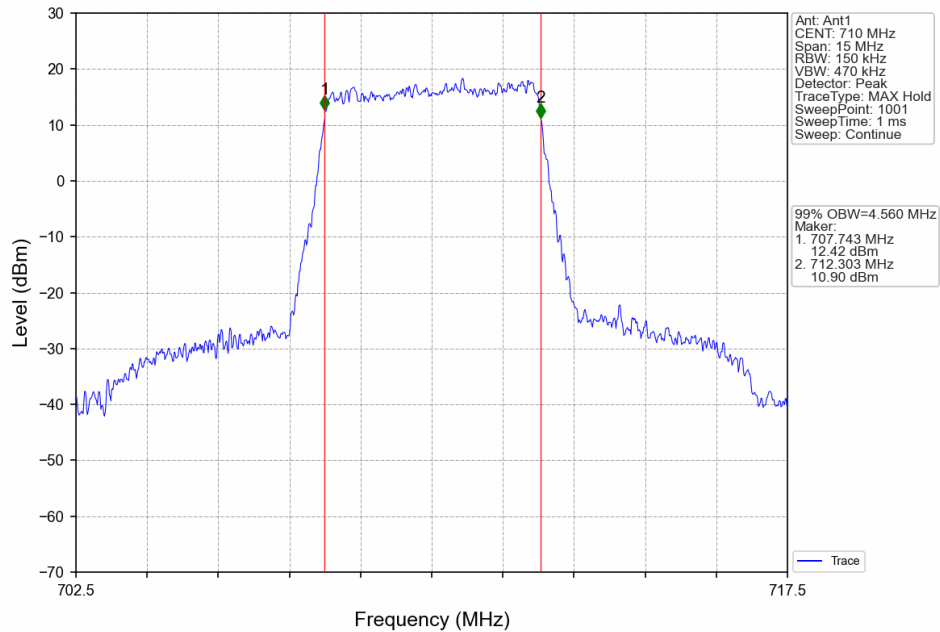
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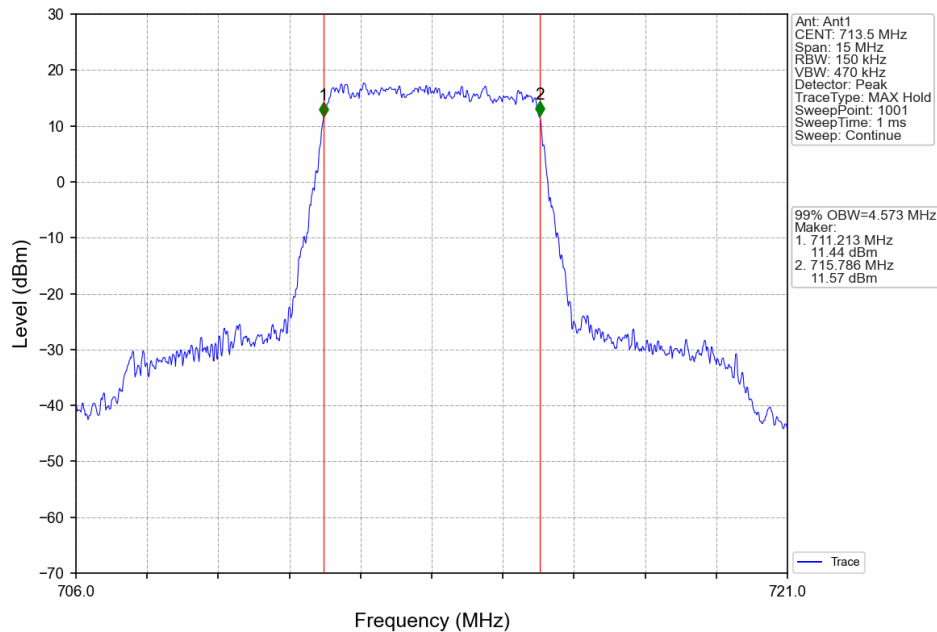
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Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



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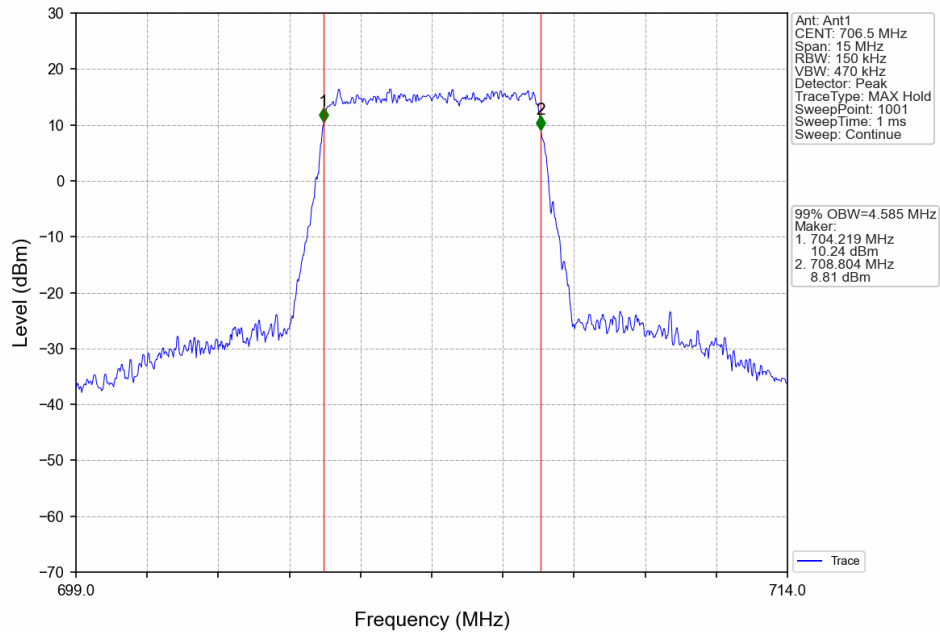
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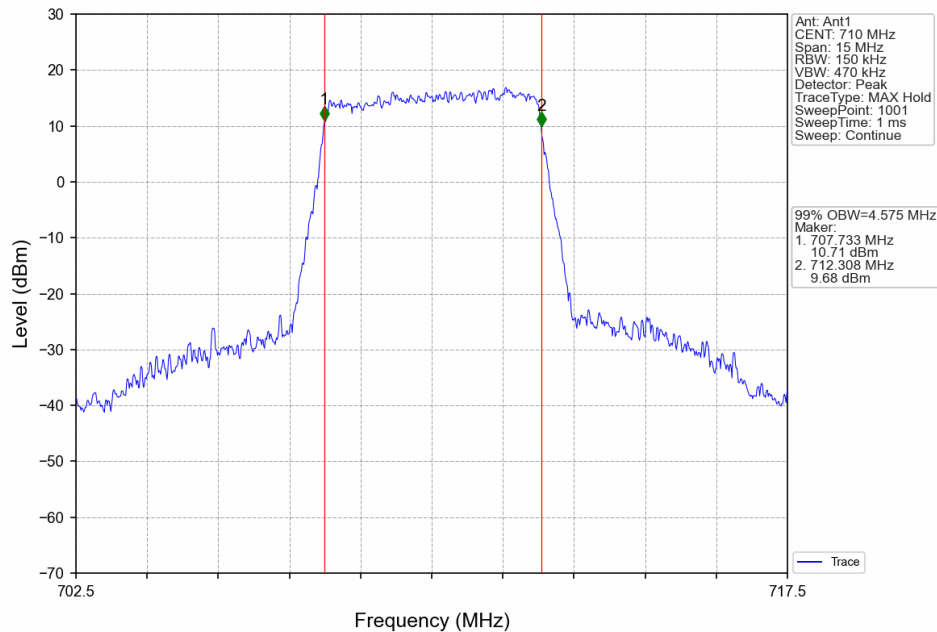
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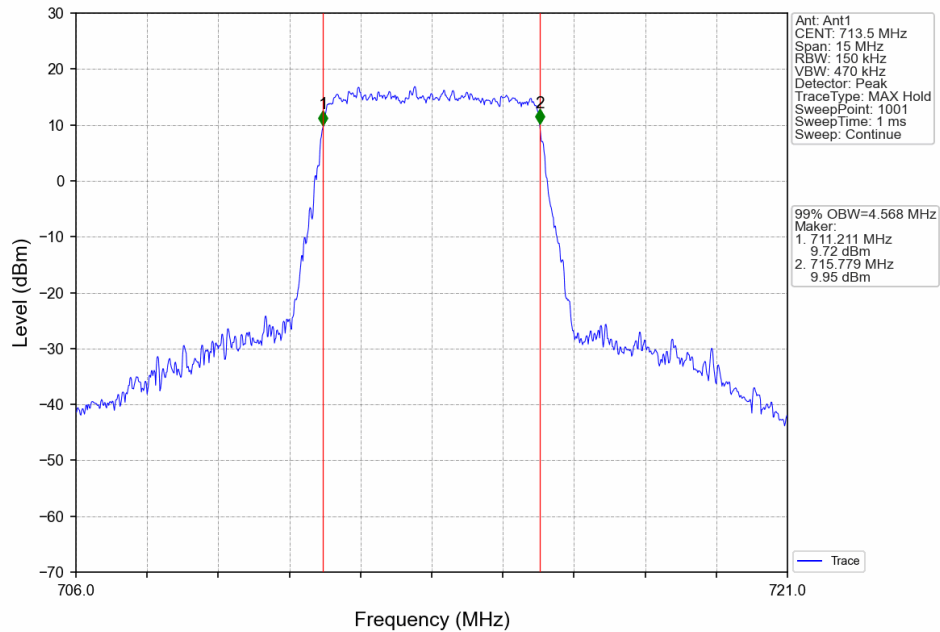
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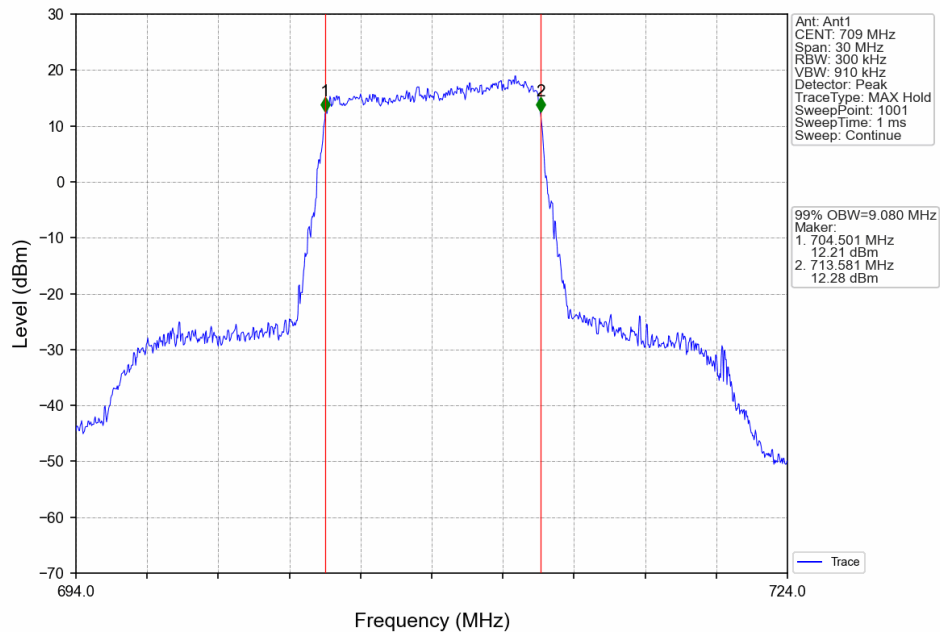
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Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



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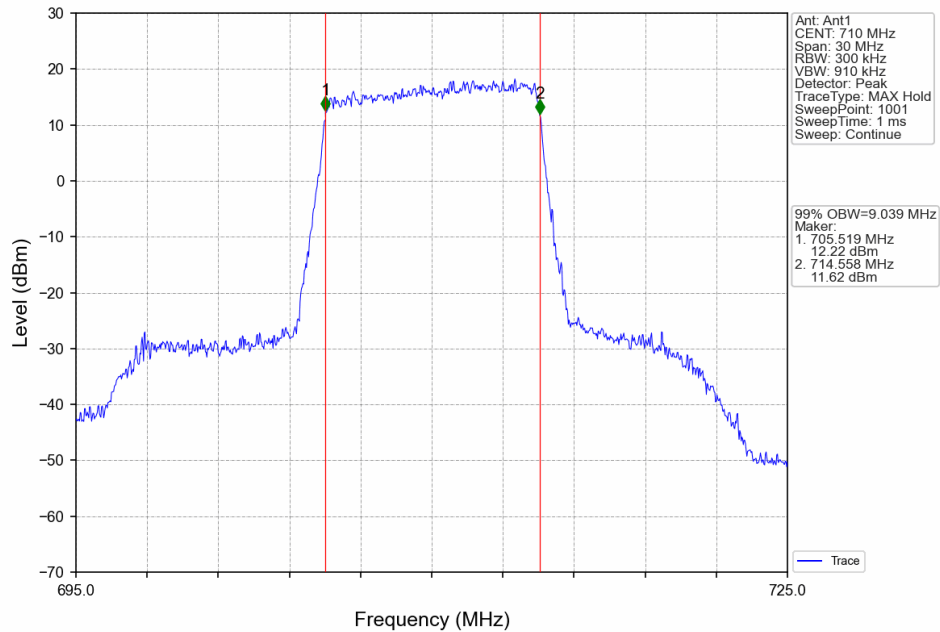
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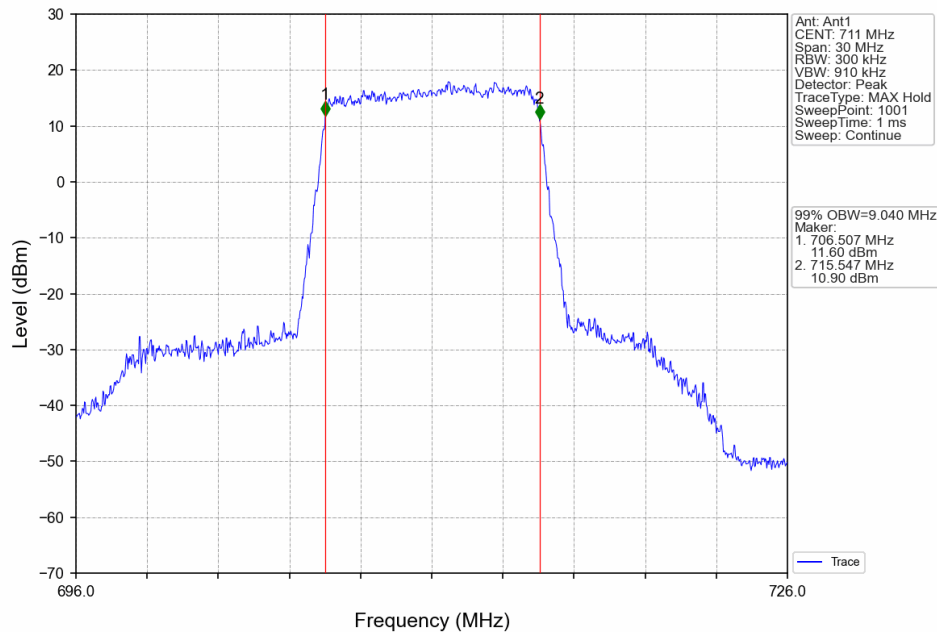
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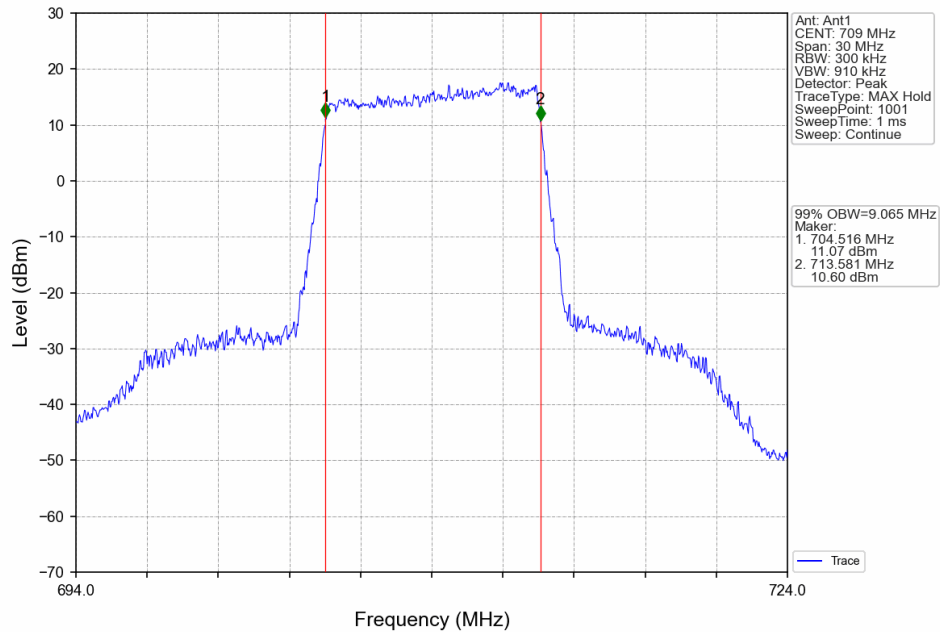
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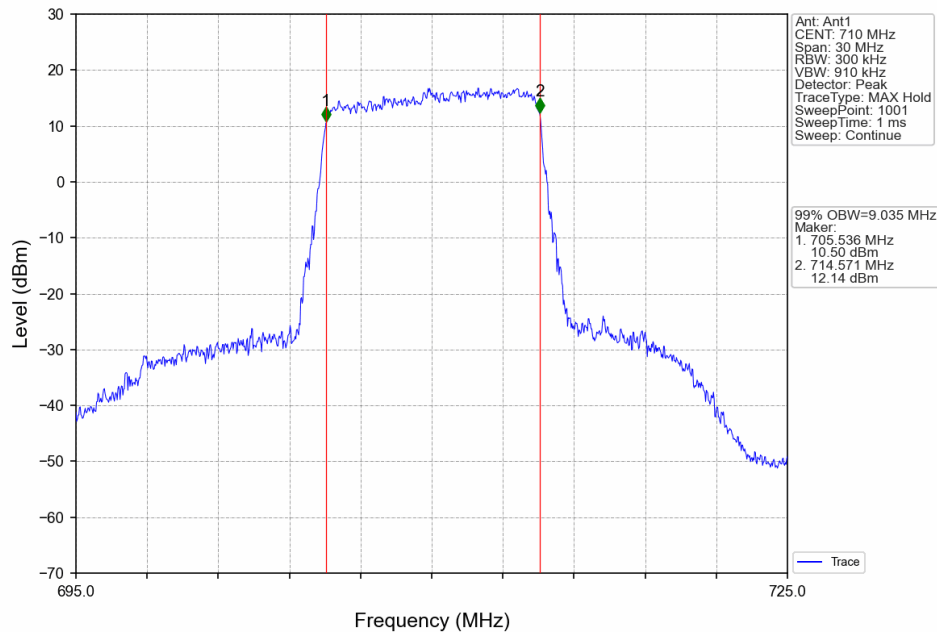
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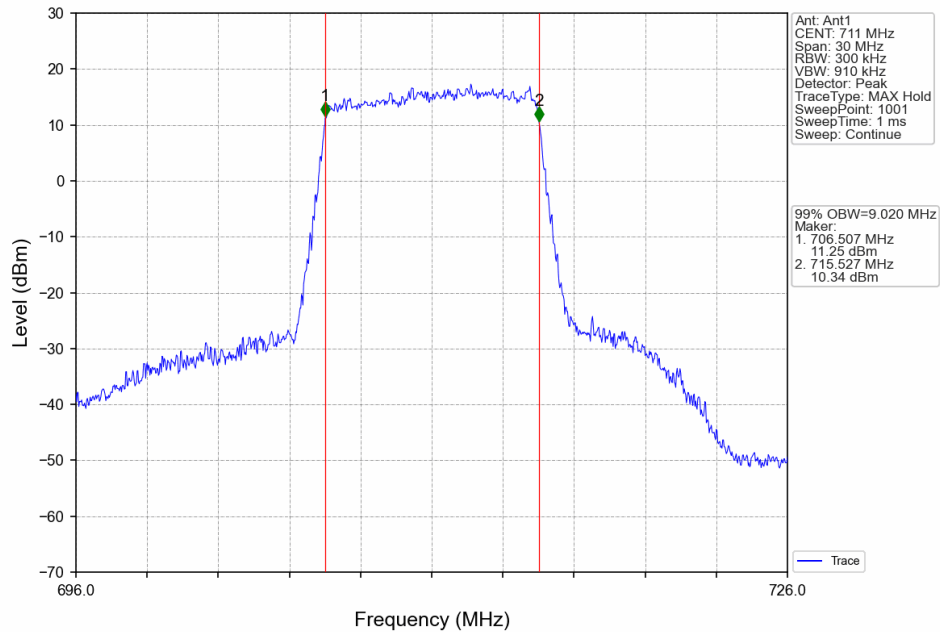
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3.2 Band17_XDB

3.2.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.285	/	Pass
		710	25	0	5.217	/	Pass
		713.5	25	0	5.209	/	Pass
	16QAM	706.5	25	0	5.291	/	Pass
		710	25	0	5.297	/	Pass
		713.5	25	0	5.231	/	Pass
10	QPSK	709	50	0	10.271	/	Pass
		710	50	0	10.162	/	Pass
		711	50	0	10.162	/	Pass
	16QAM	709	50	0	10.231	/	Pass
		710	50	0	10.240	/	Pass
		711	50	0	10.128	/	Pass



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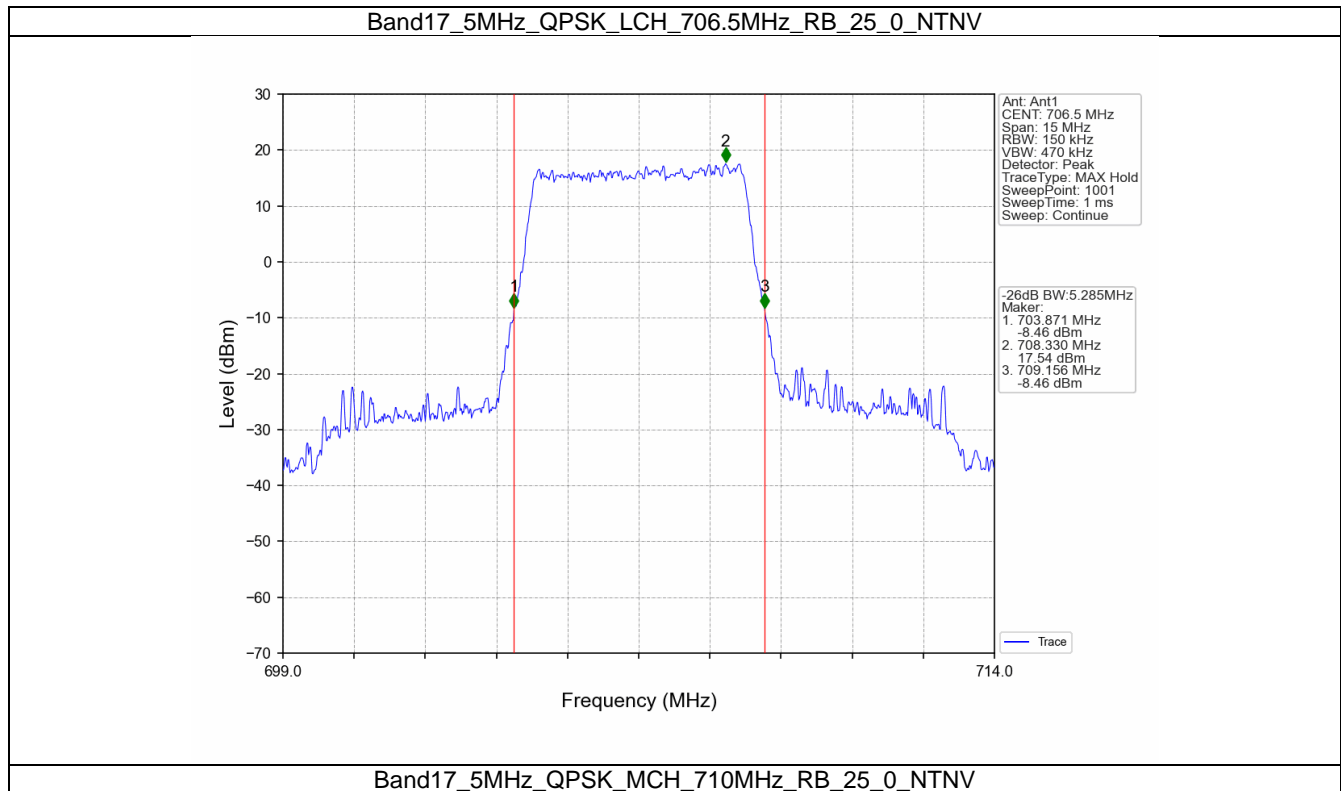
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3.2.2 Test Graph



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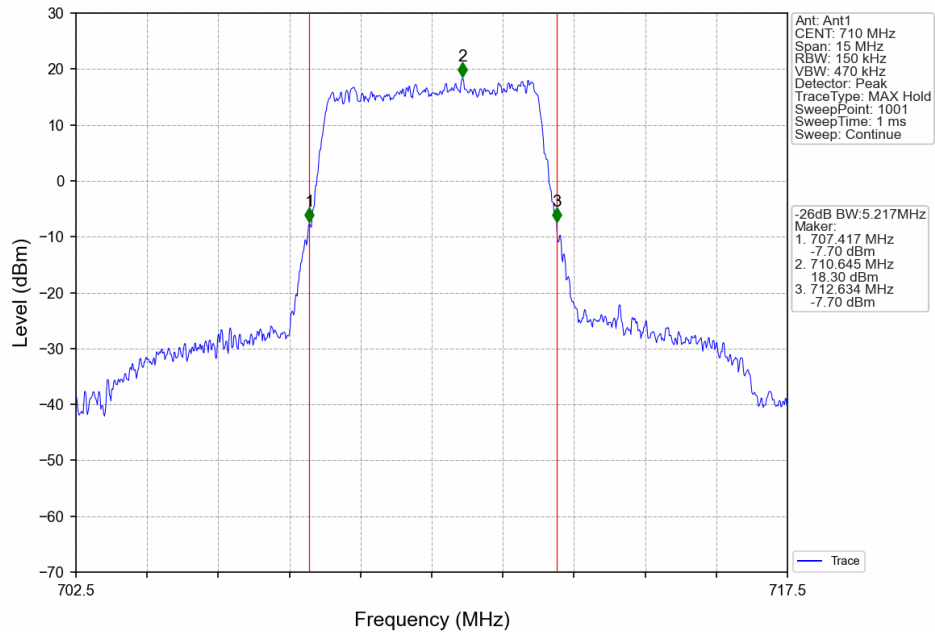
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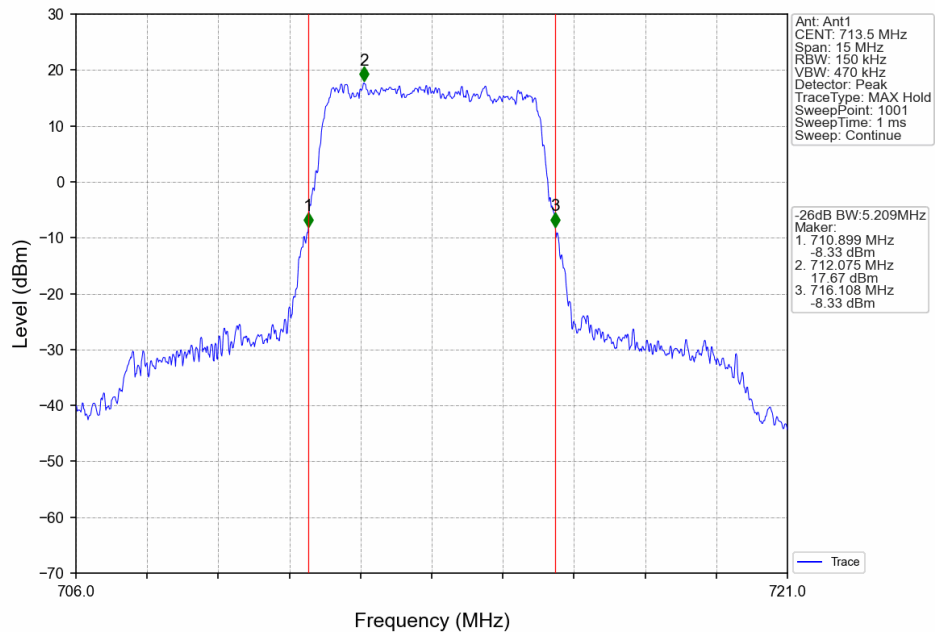
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Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



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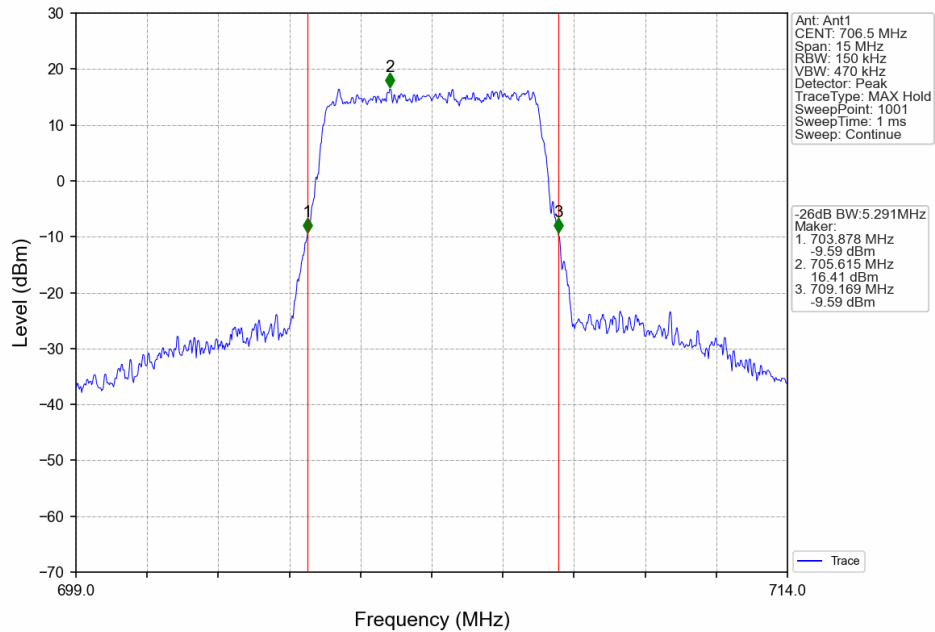
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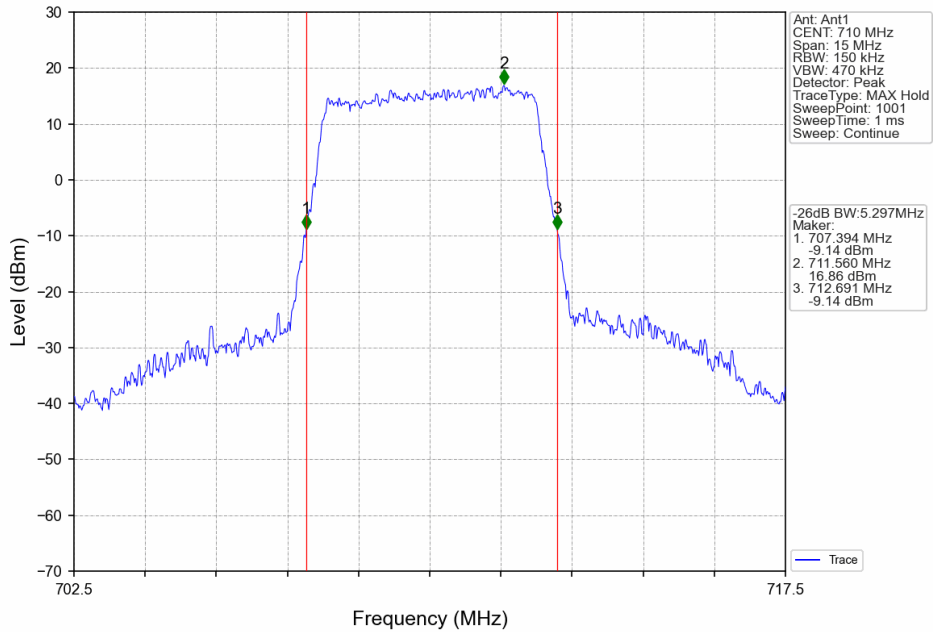
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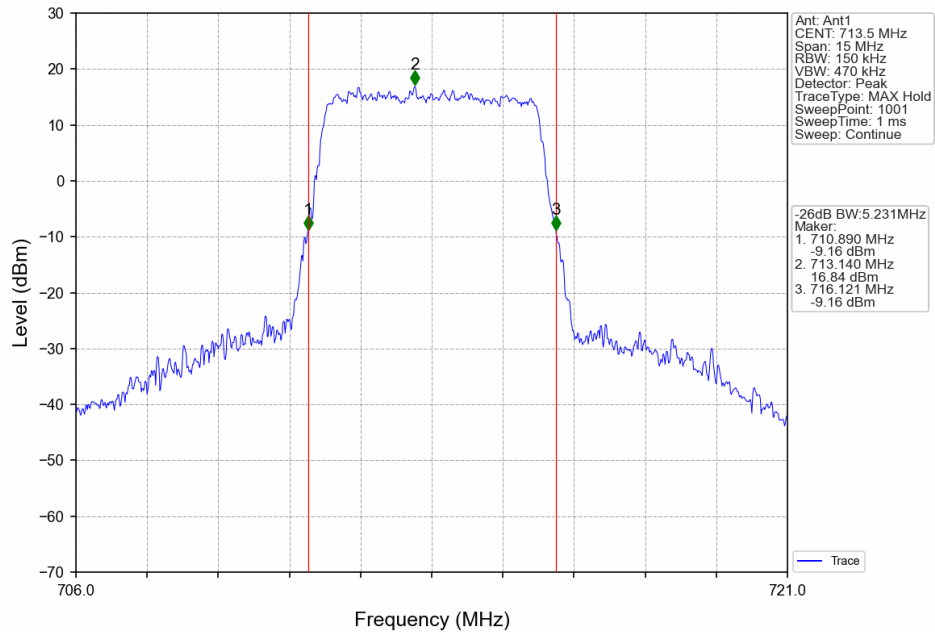
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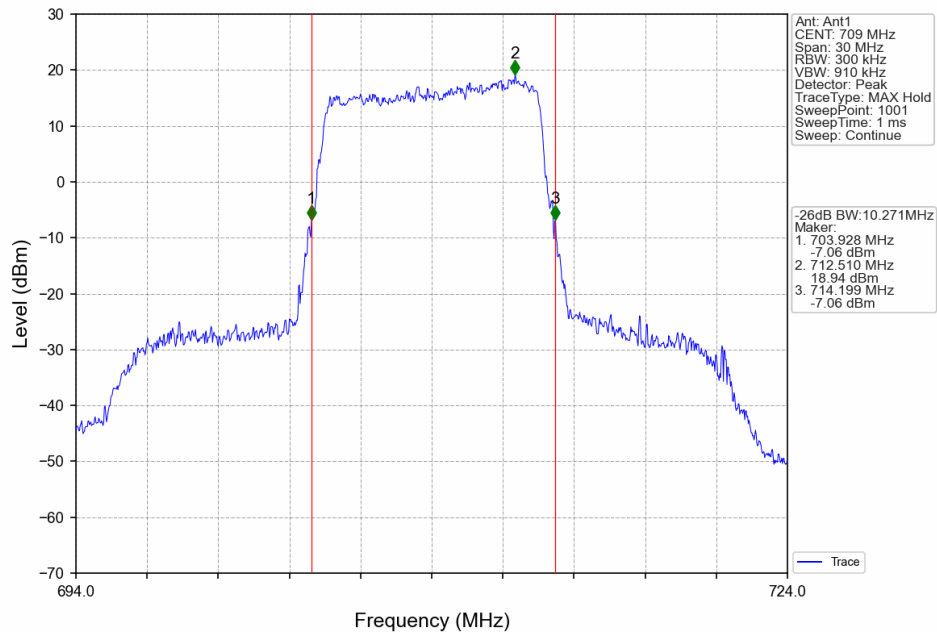
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Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



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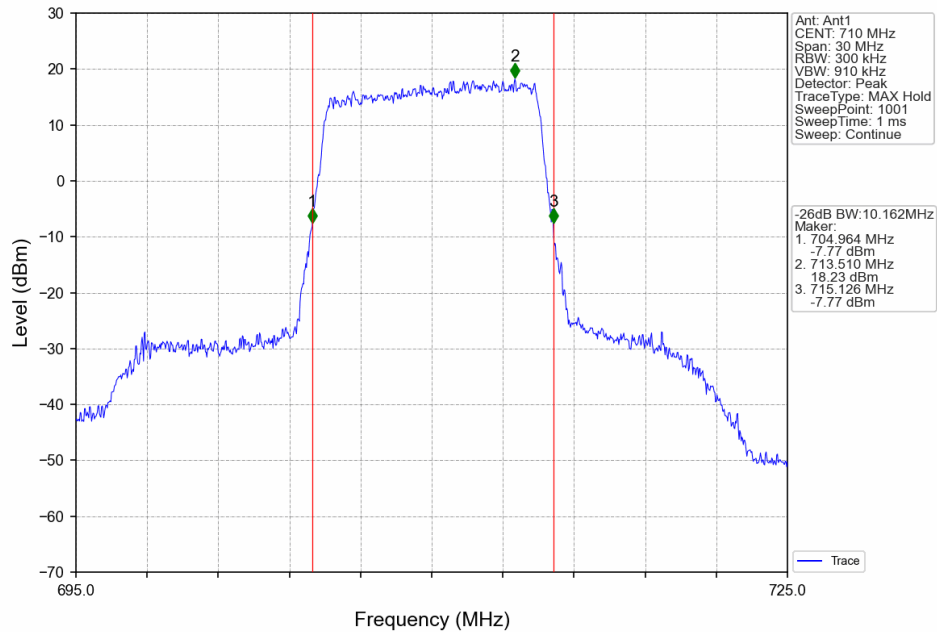
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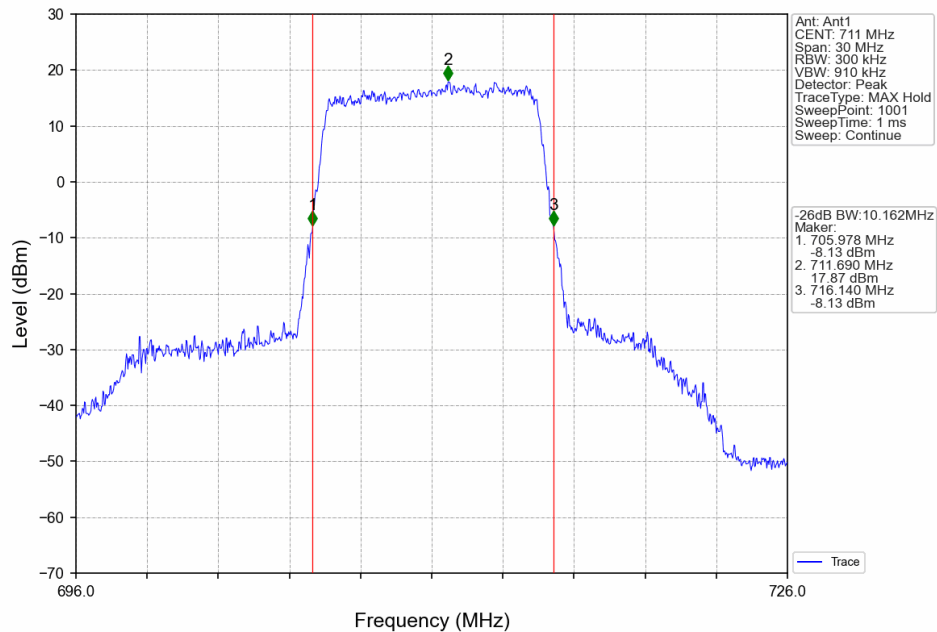
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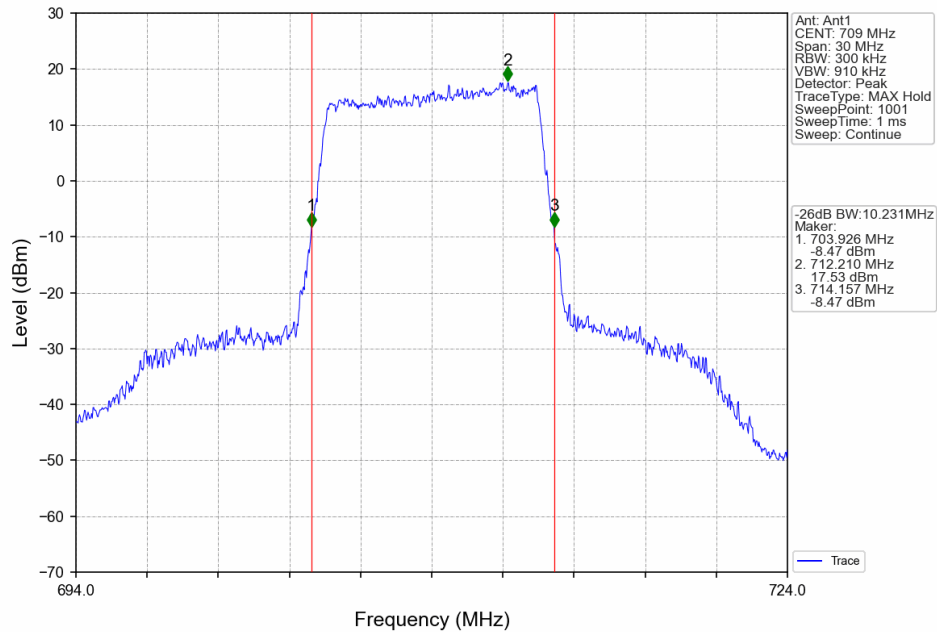
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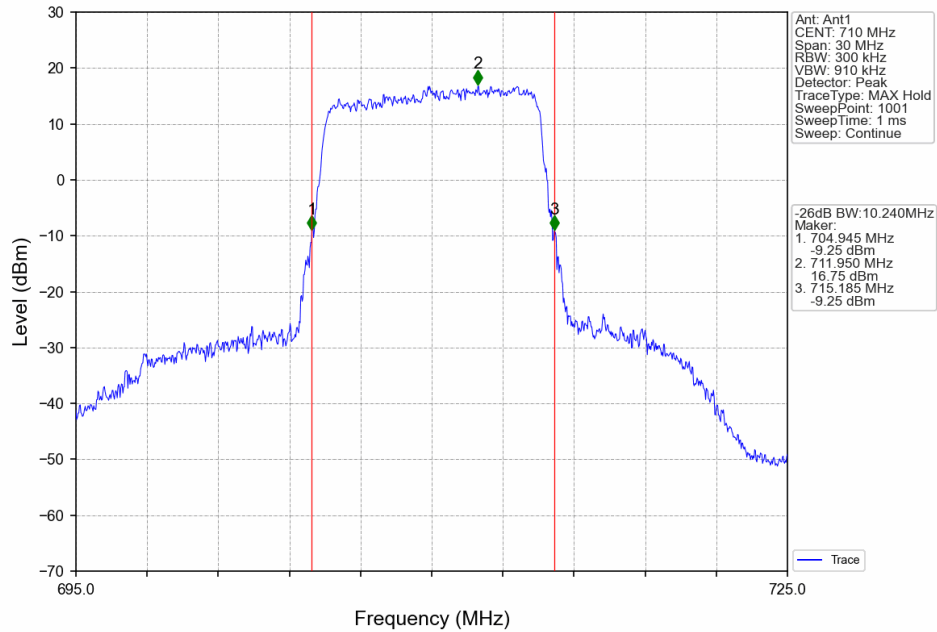
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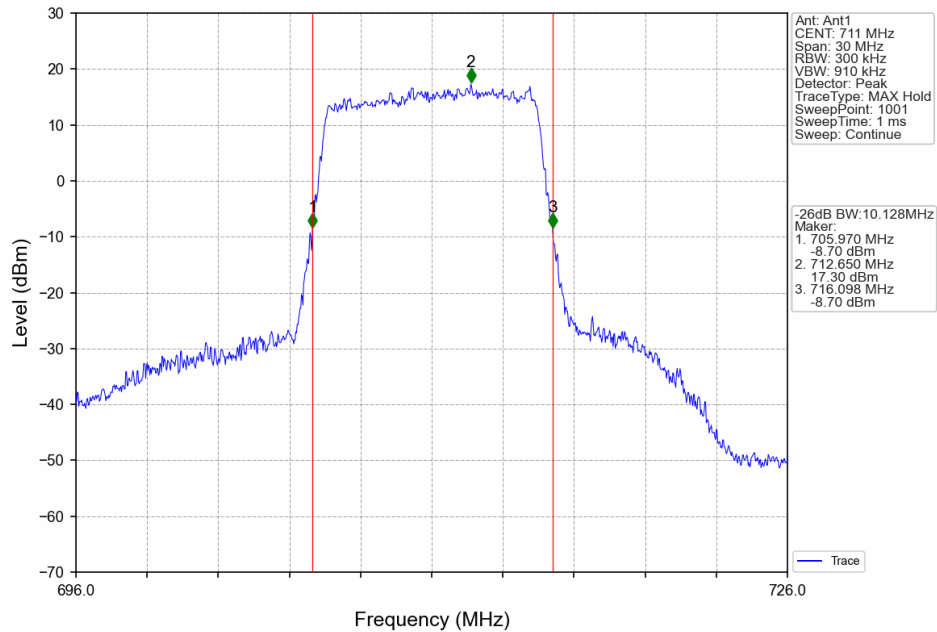
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4. Peak-Average Ratio

4.1 B17_5MHz

4.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.61	<=13	Pass
	710	25	0	5.49	<=13	Pass
	713.5	25	0	5.50	<=13	Pass
16QAM	706.5	25	0	6.25	<=13	Pass
	710	25	0	6.19	<=13	Pass
	713.5	25	0	6.15	<=13	Pass



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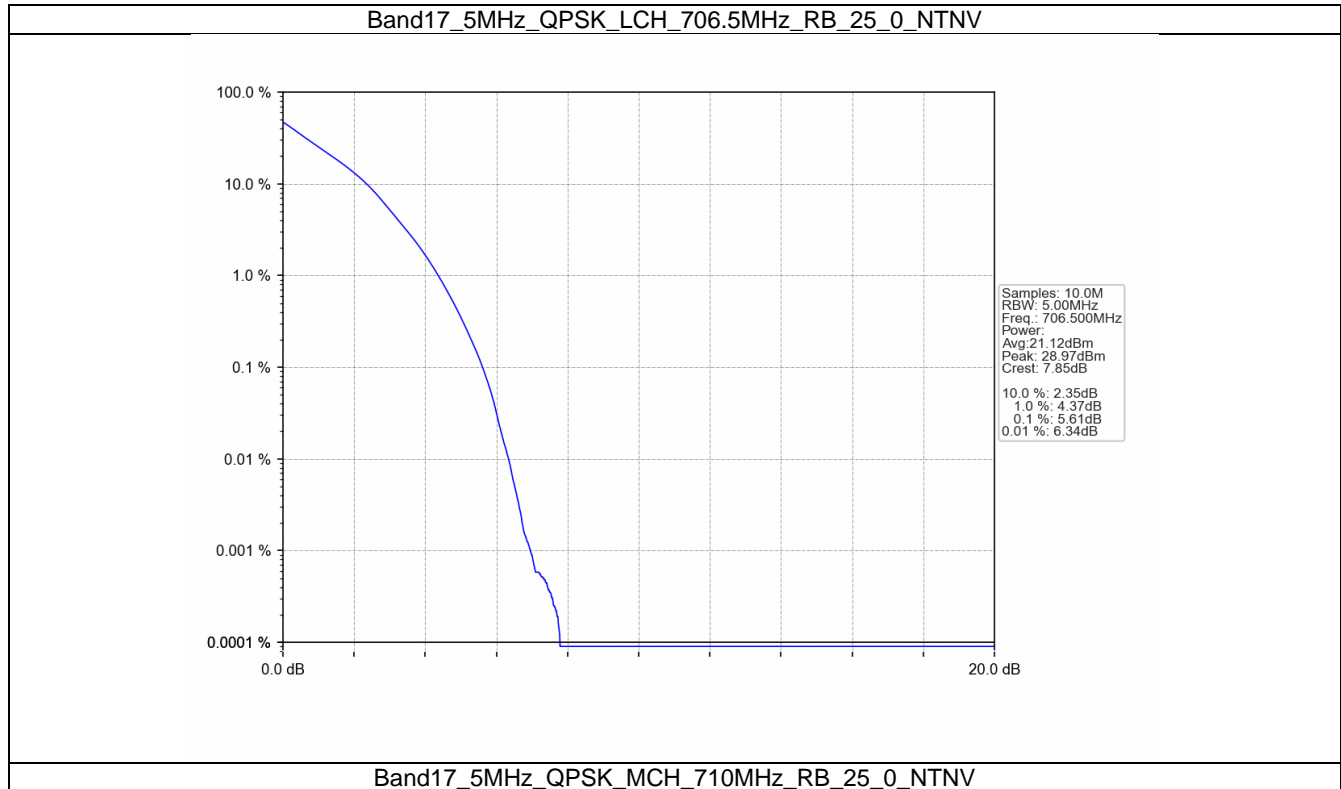
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4.1.2 Test Graph



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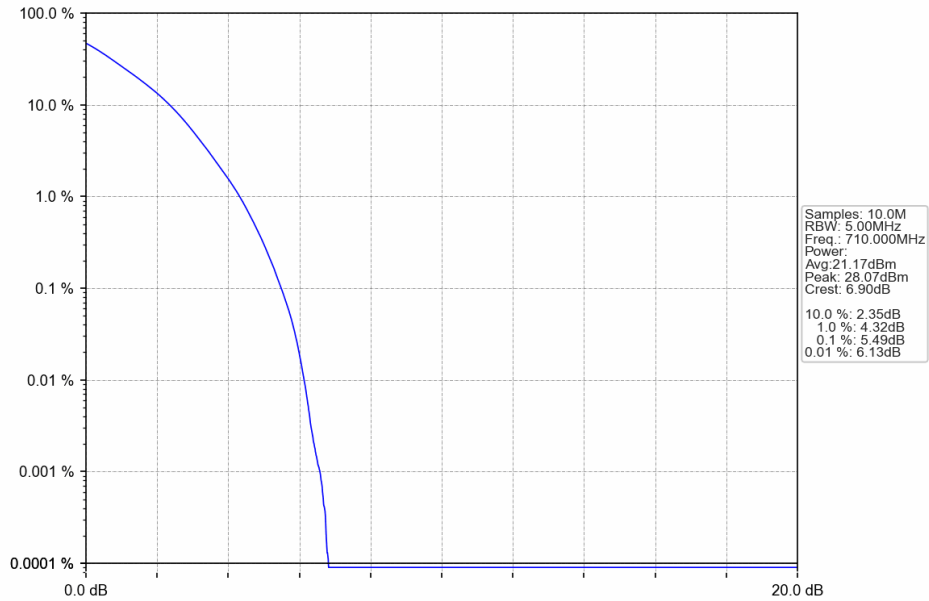
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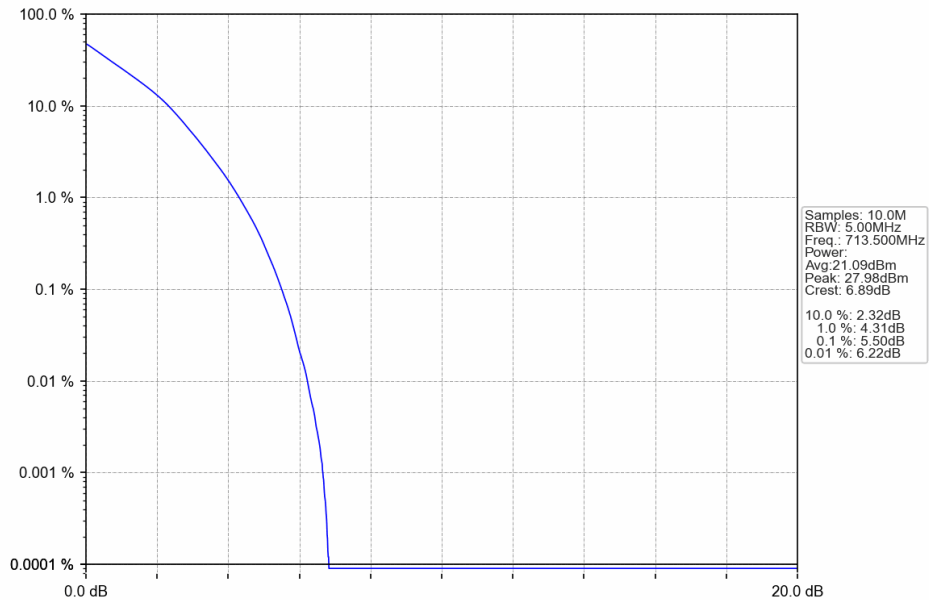
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Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



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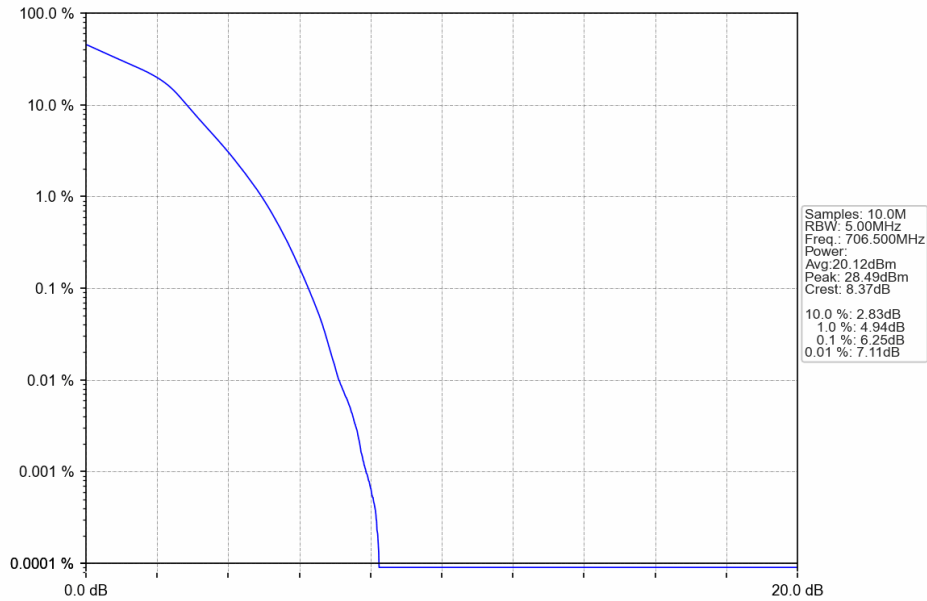
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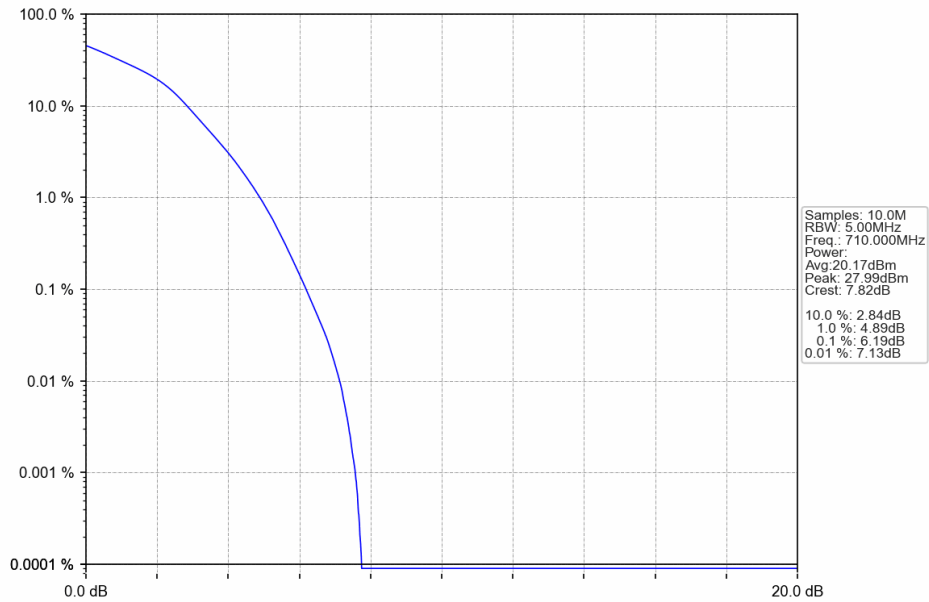
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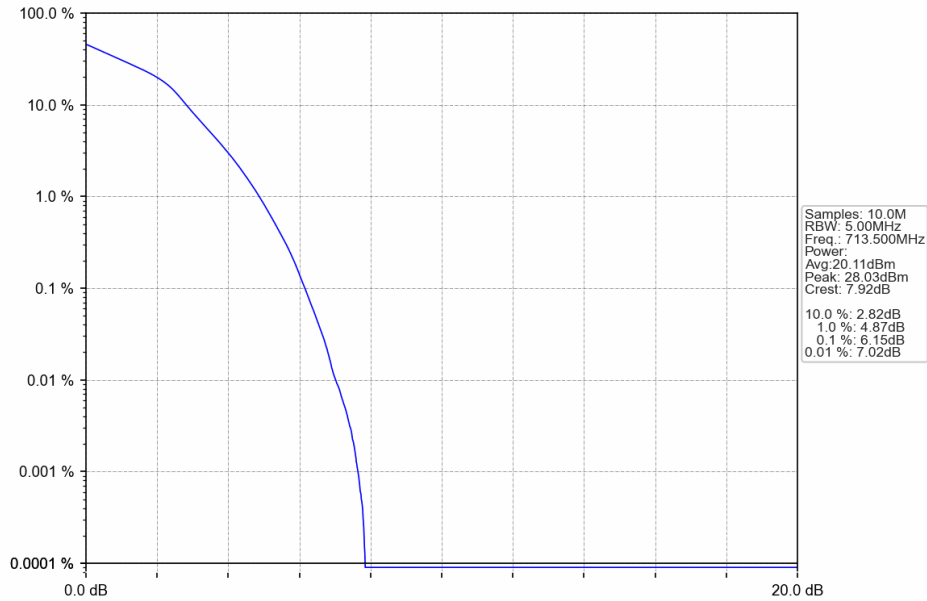
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4.2 B17_10MHz

4.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.57	<=13	Pass
	710	50	0	5.47	<=13	Pass
	711	50	0	5.35	<=13	Pass
16QAM	709	50	0	6.25	<=13	Pass
	710	50	0	6.23	<=13	Pass
	711	50	0	6.15	<=13	Pass



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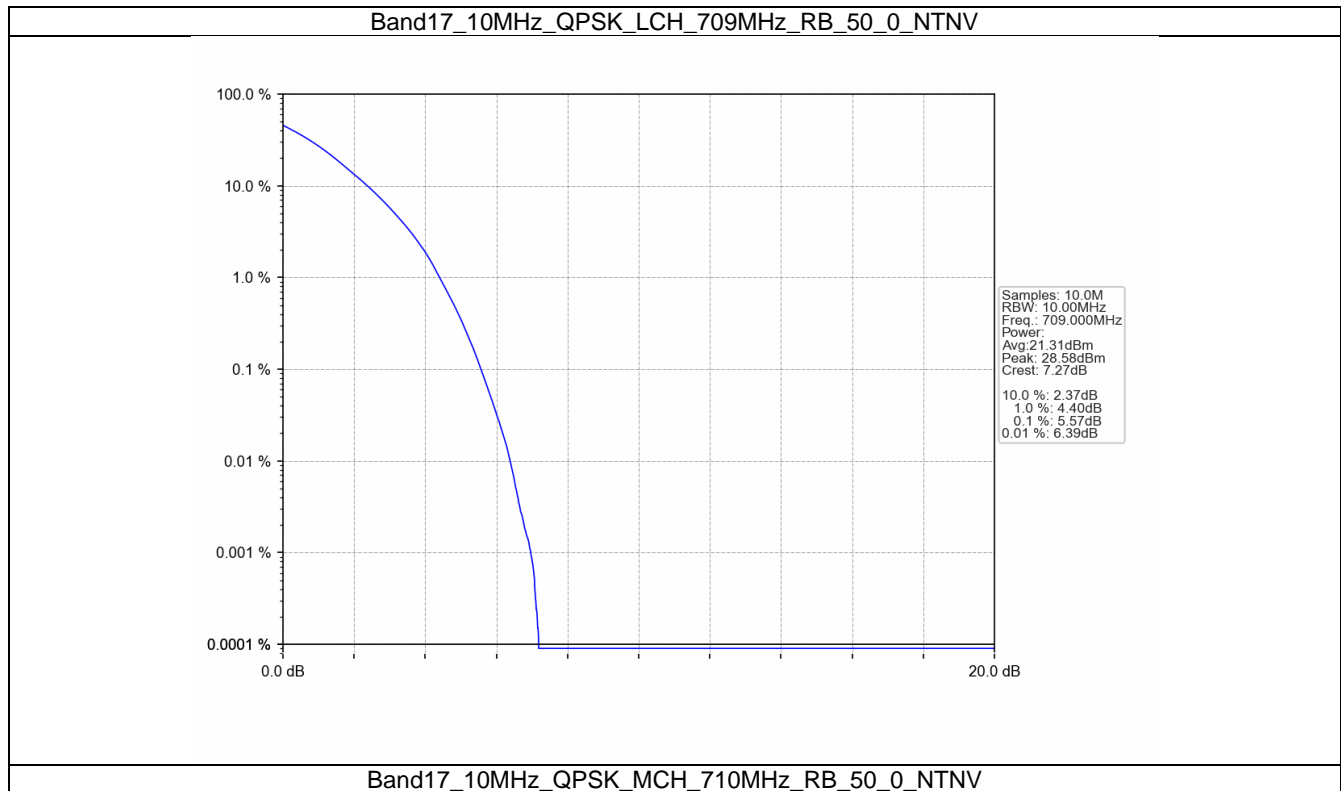
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4.2.2 Test Graph



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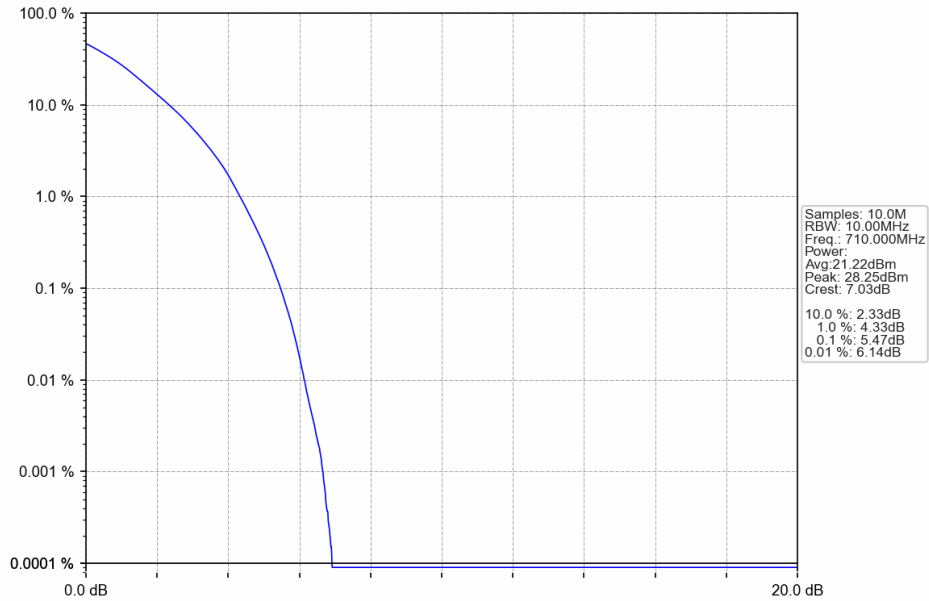
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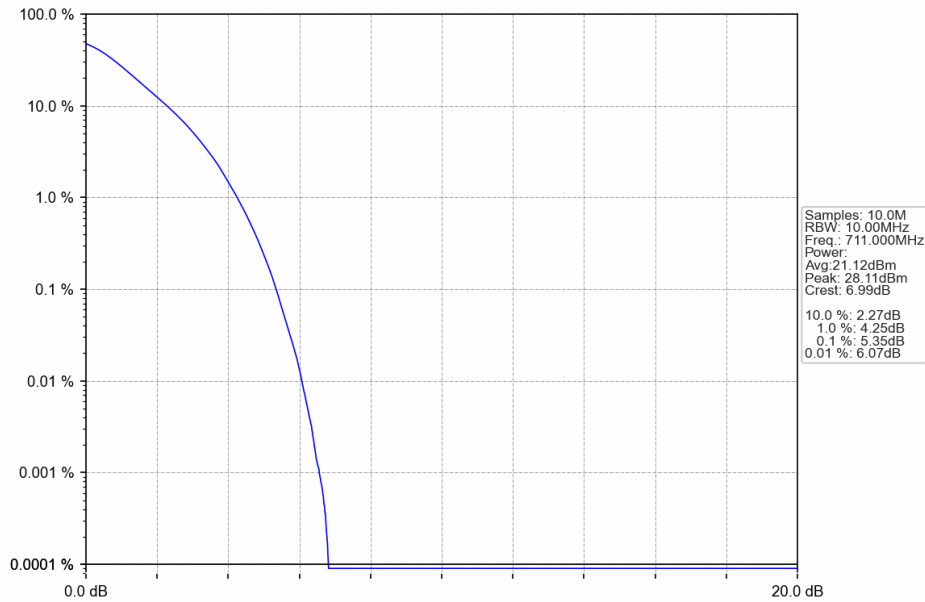
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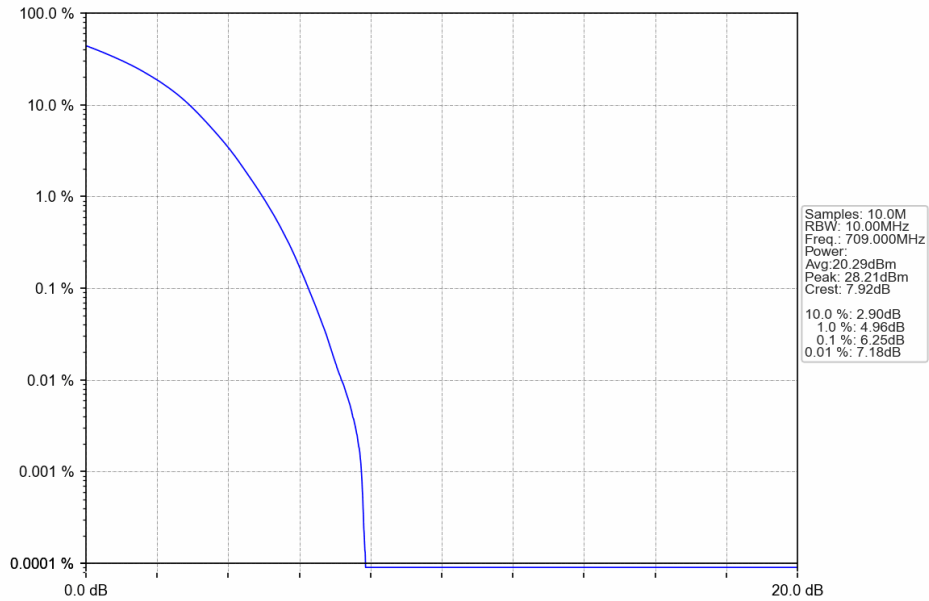
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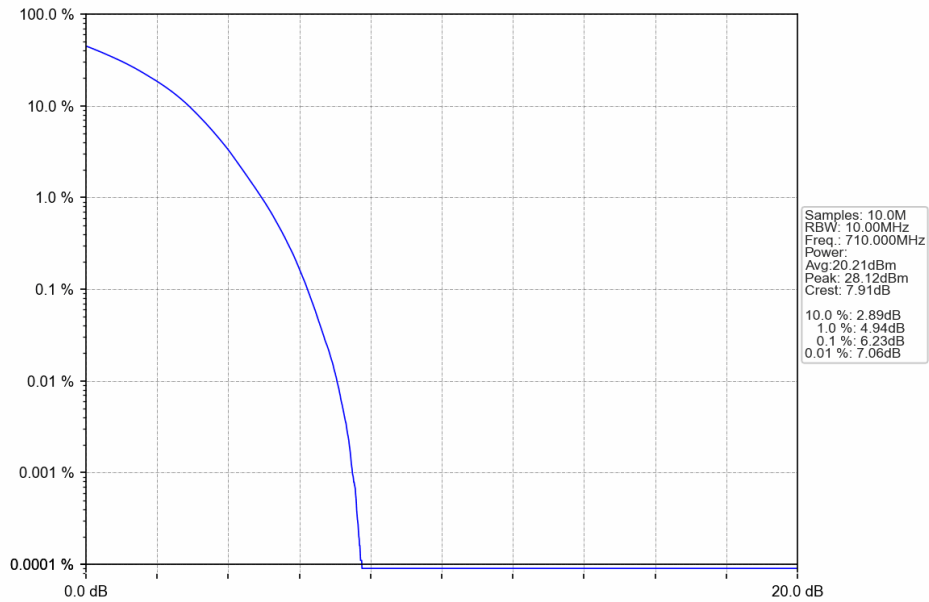
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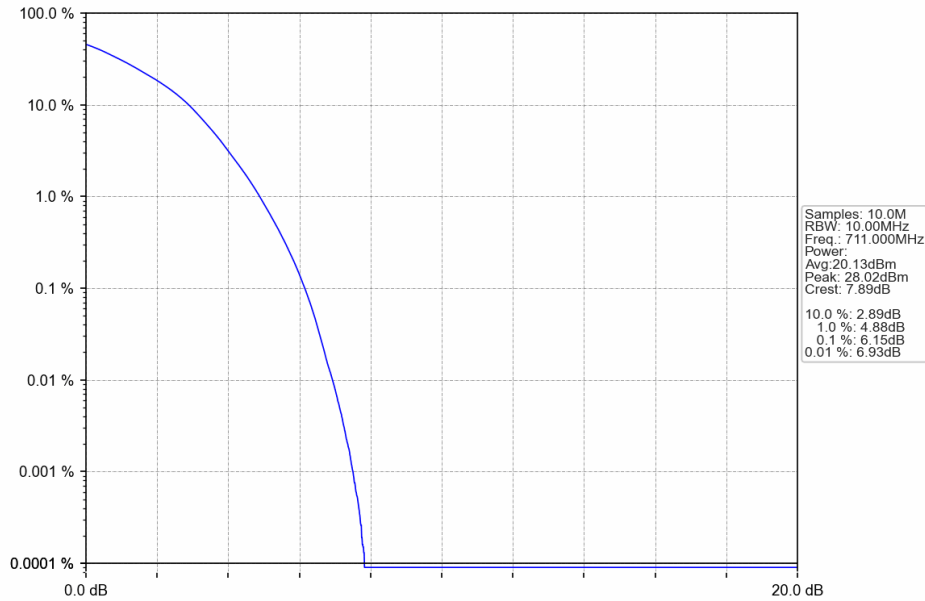
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5. Spurious Emission & Band Edges

5.1 B17_5MHz

5.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	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	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	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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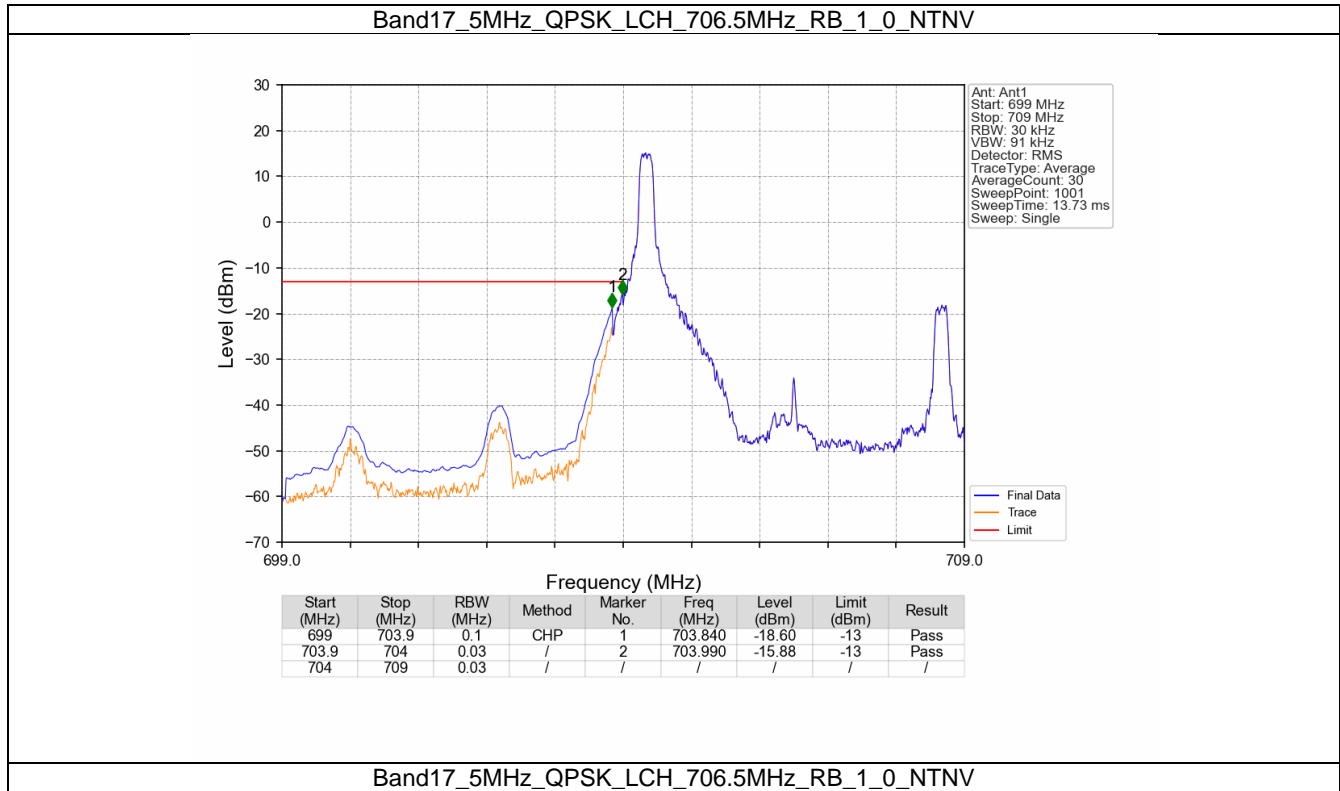
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5.1.2 Test Graph



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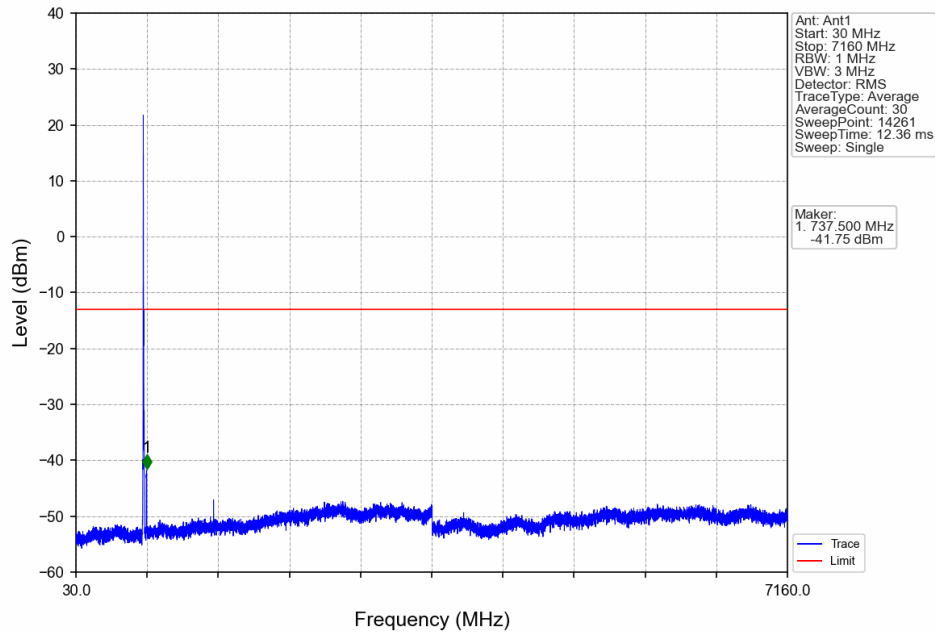
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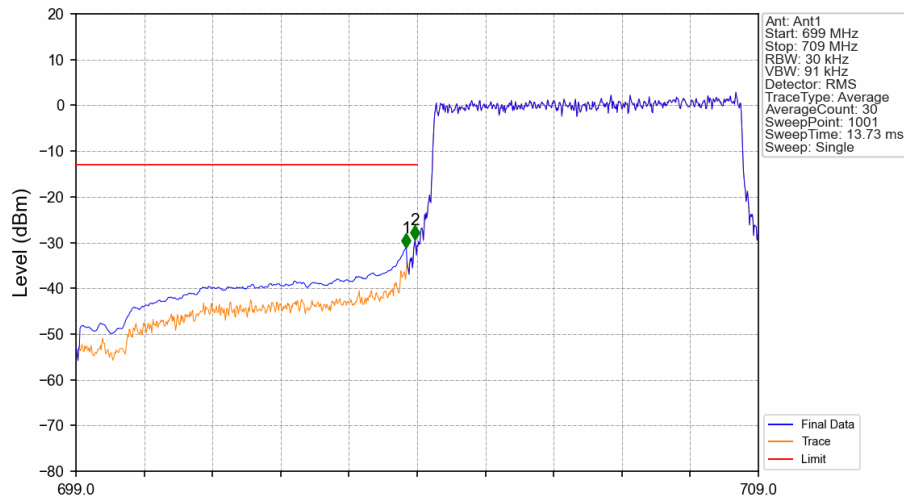
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Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-31.11	-13	Pass
703.9	704	0.03	/	2	703.970	-29.45	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



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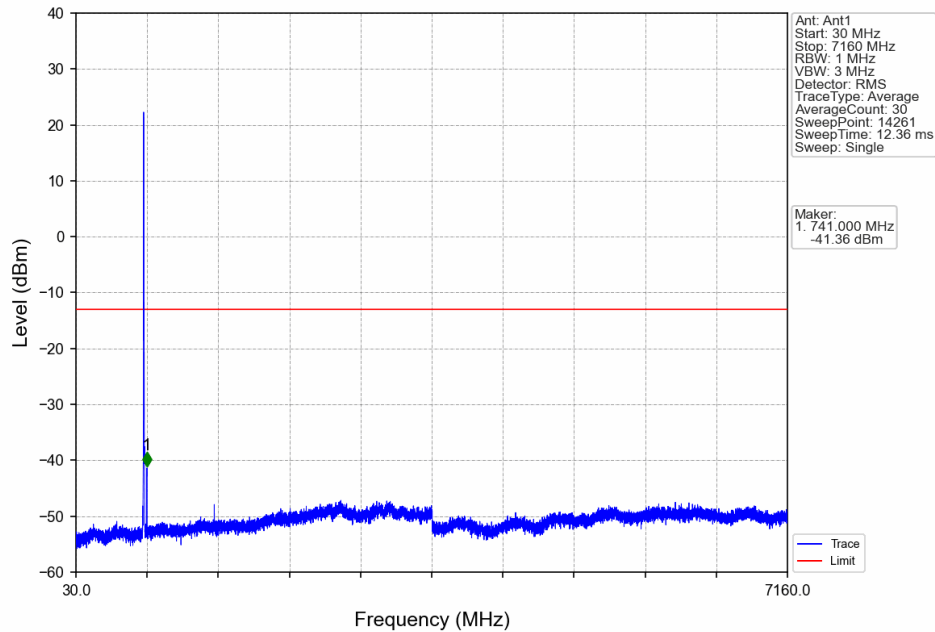
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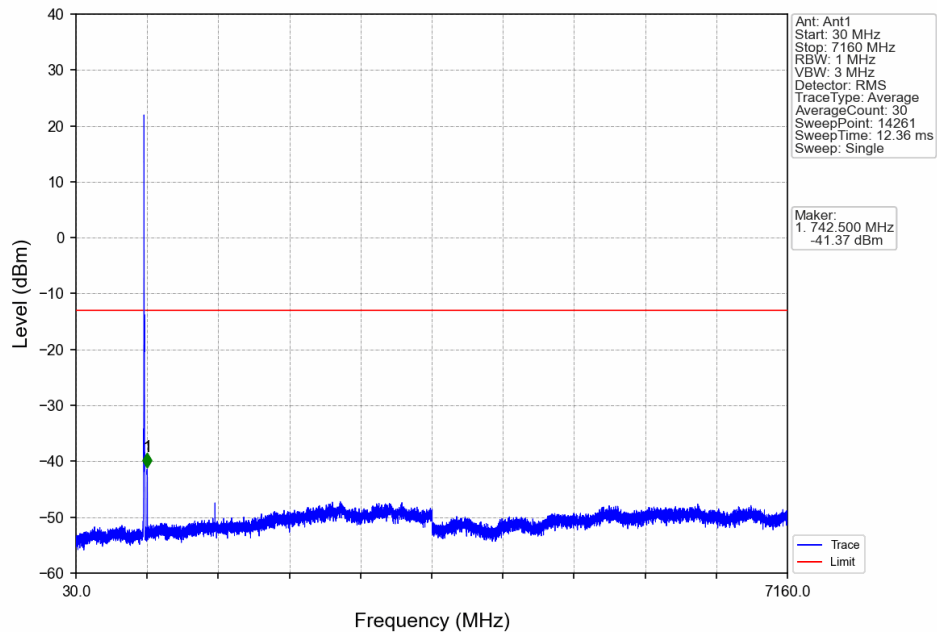
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Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



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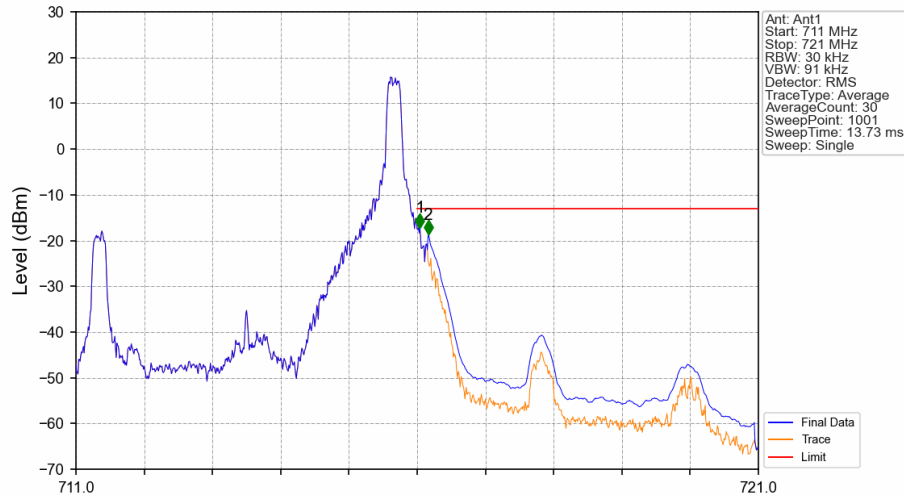
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.040	-17.18	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.66	-13	Pass



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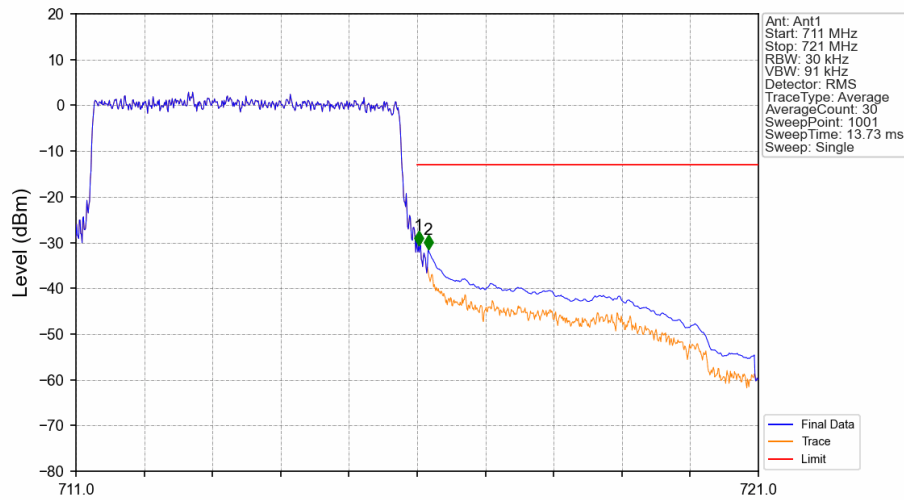
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Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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	716.020	-30.59	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.45	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



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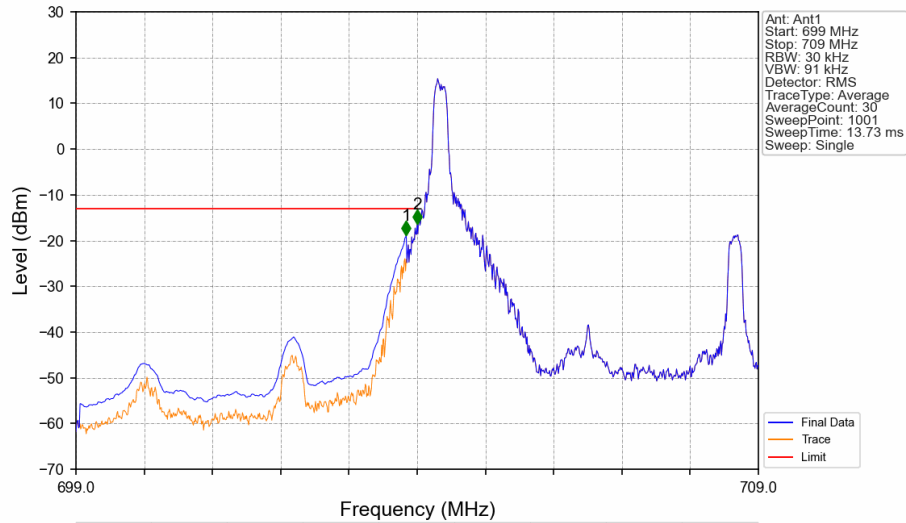
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699	703.9	0.1	CHP	1	703.840	-18.84	-13	Pass
703.9	704	0.03	/	2	704.000	-16.36	-13	Pass
704	709	0.03	/	/	/	/	/	/



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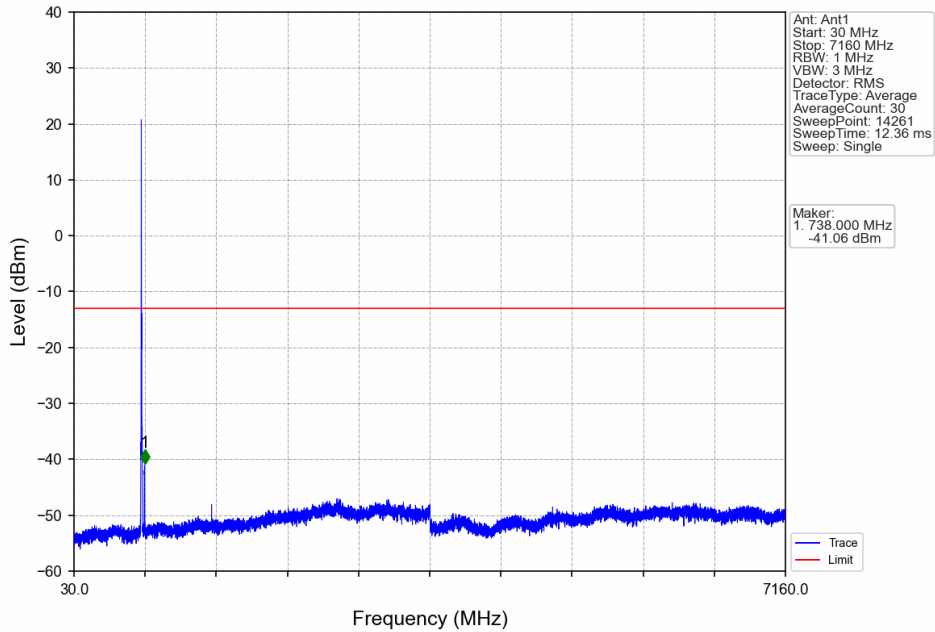
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Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



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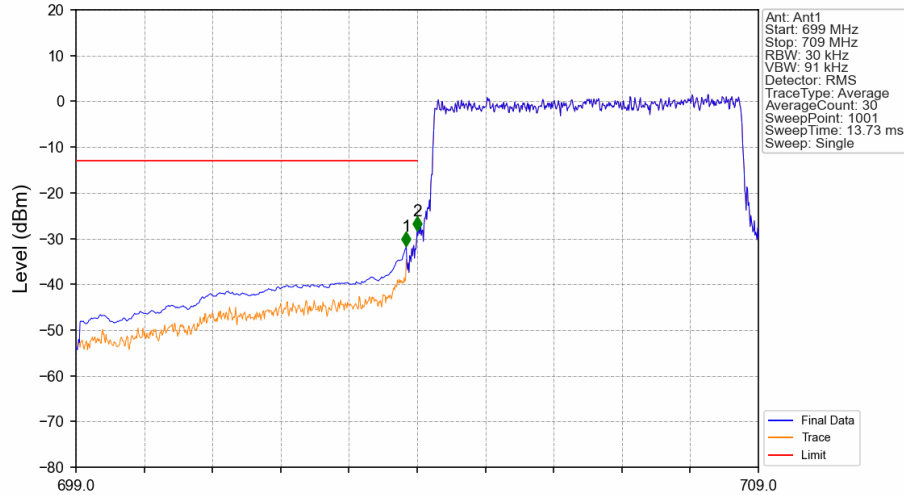
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-31.62	-13	Pass
703.9	704	0.03	/	2	704.000	-28.39	-13	Pass
704	709	0.03	/	/	/	/	/	/



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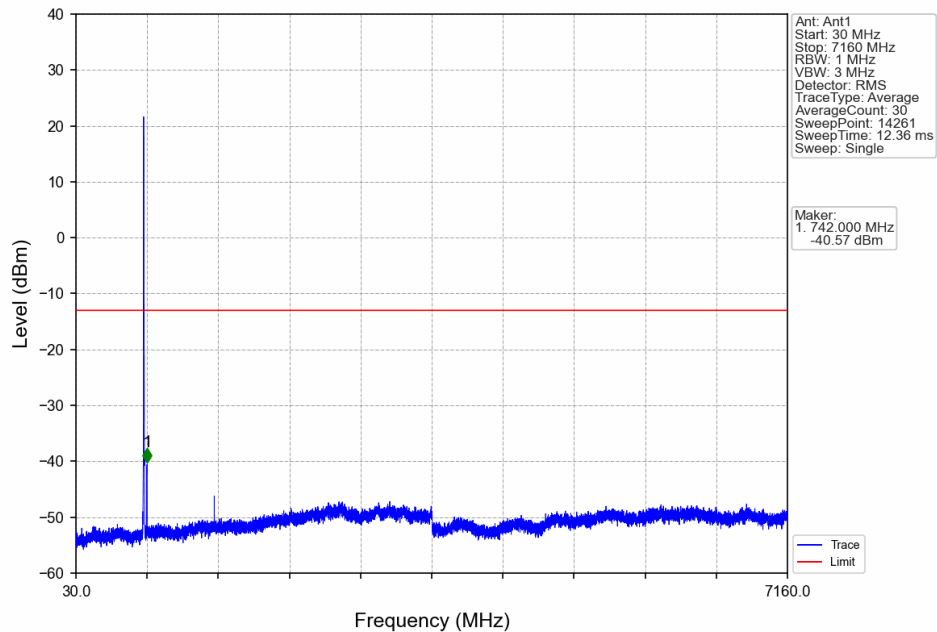
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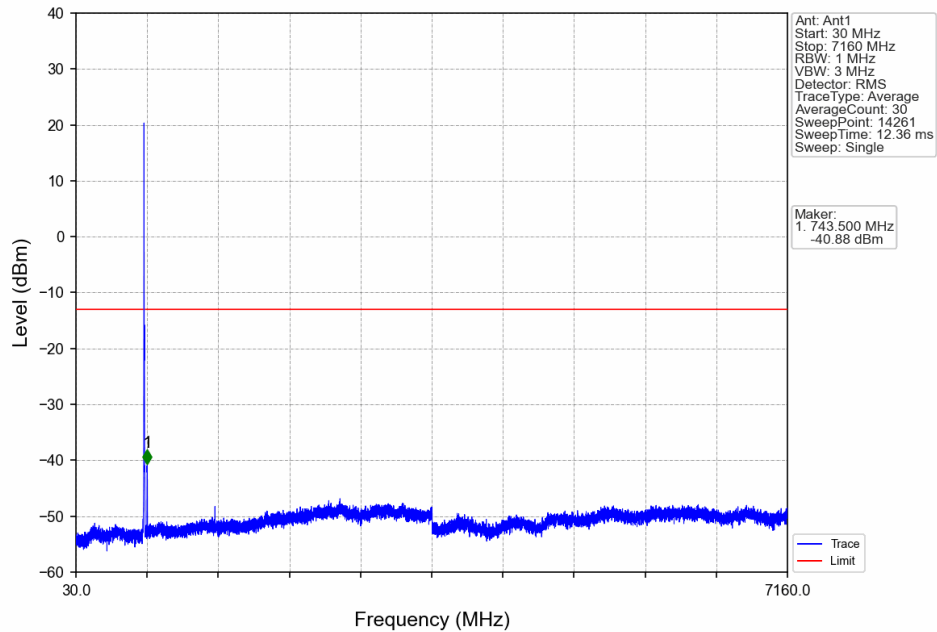
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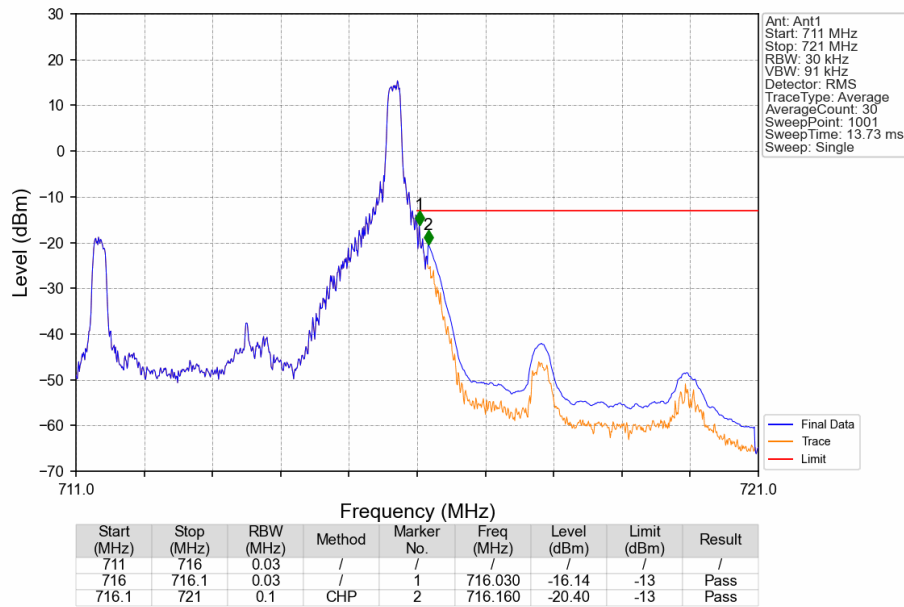
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Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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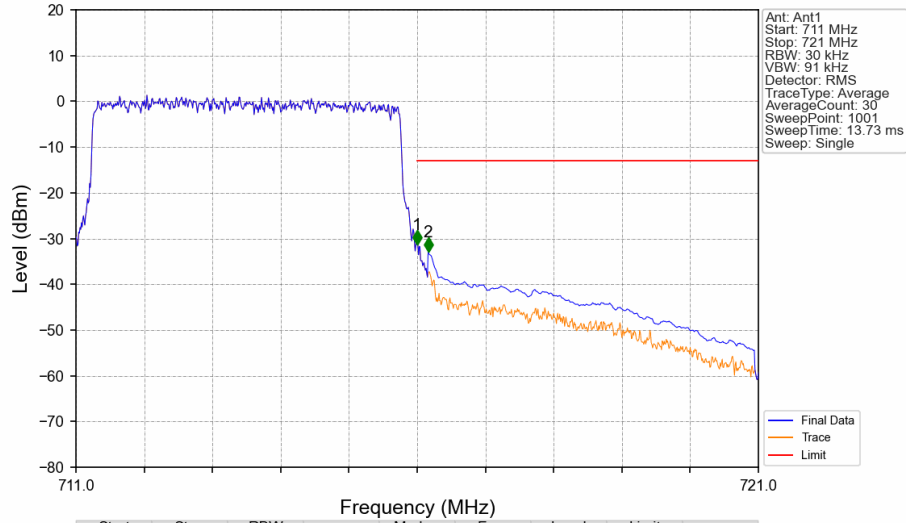
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.28	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.94	-13	Pass



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5.2 B17_10MHz

5.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		49		Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		49		Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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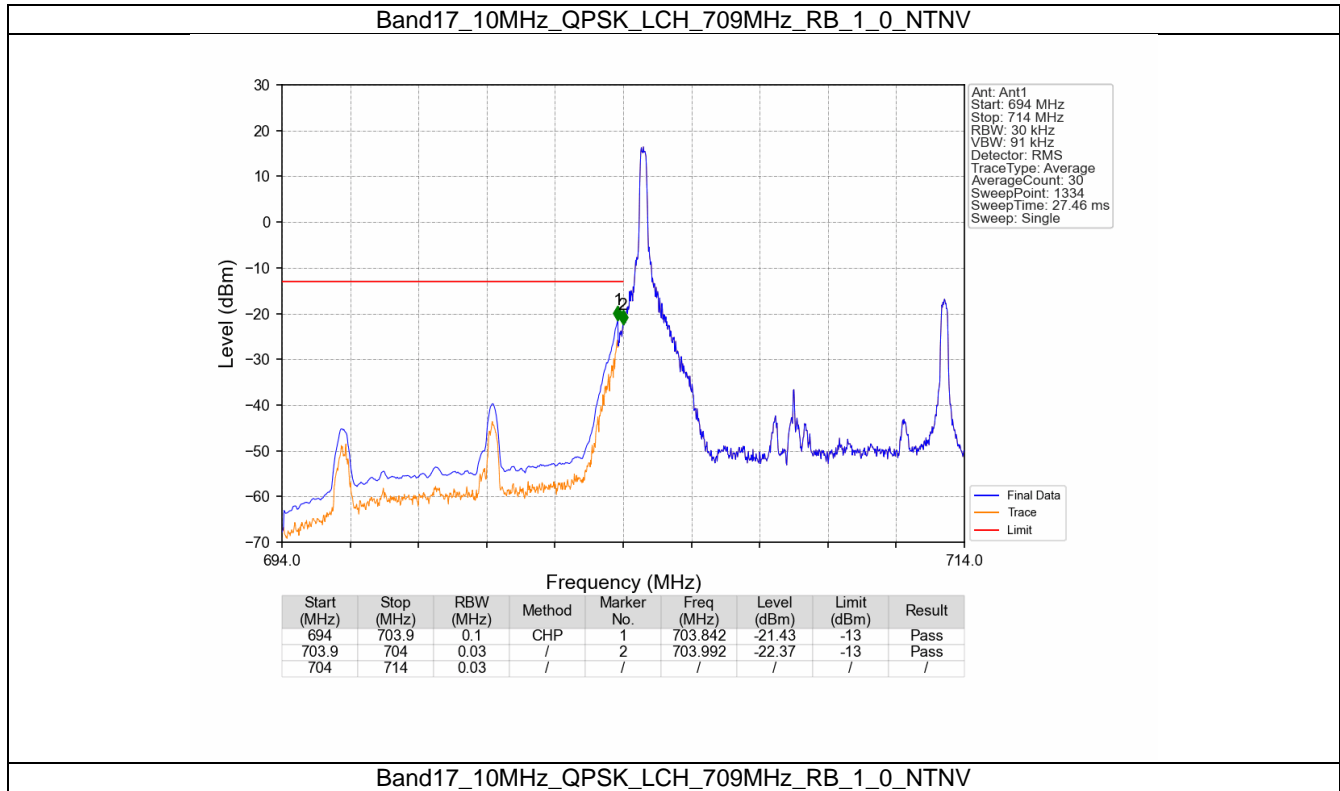
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5.2.2 Test Graph



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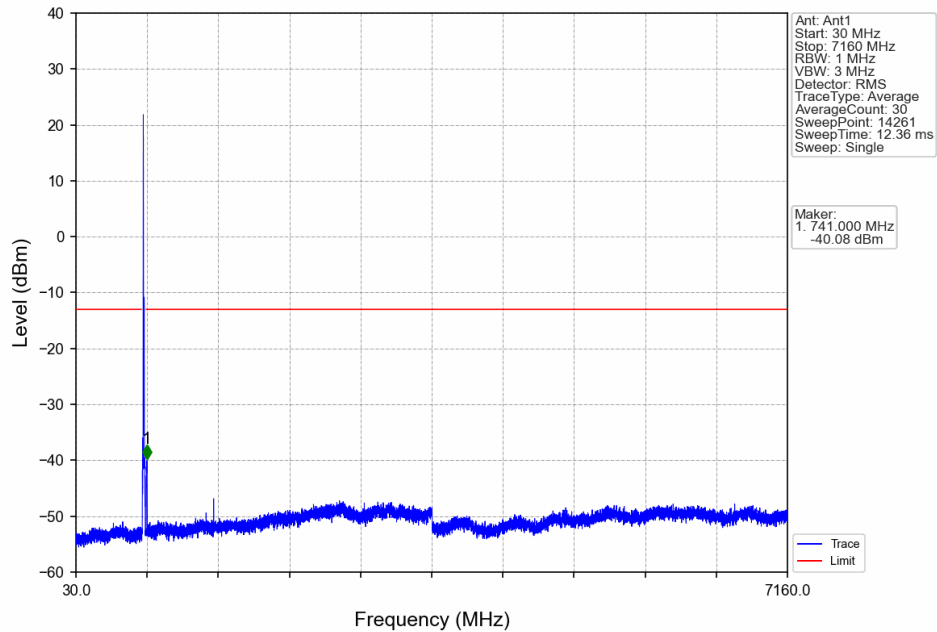
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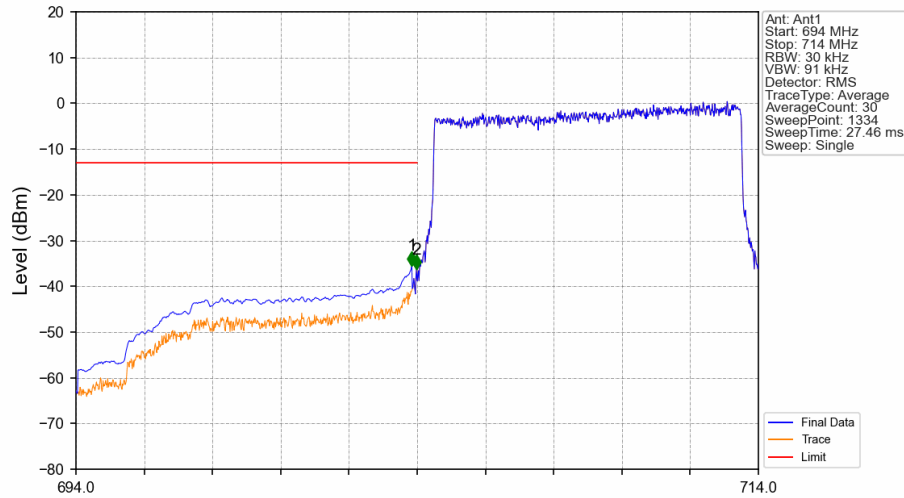
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Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-35.49	-13	Pass
703.9	704	0.03	/	2	703.977	-36.30	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



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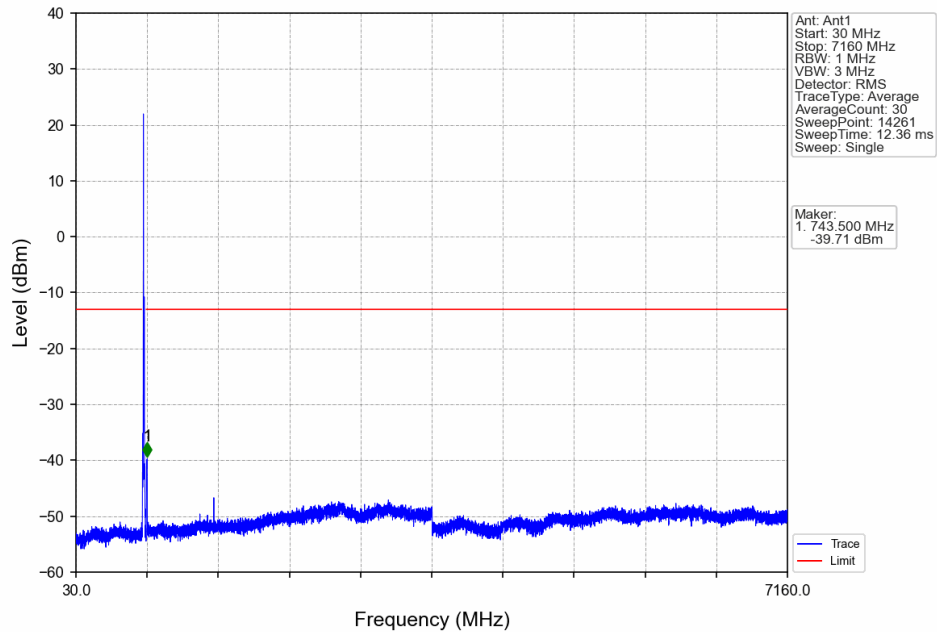
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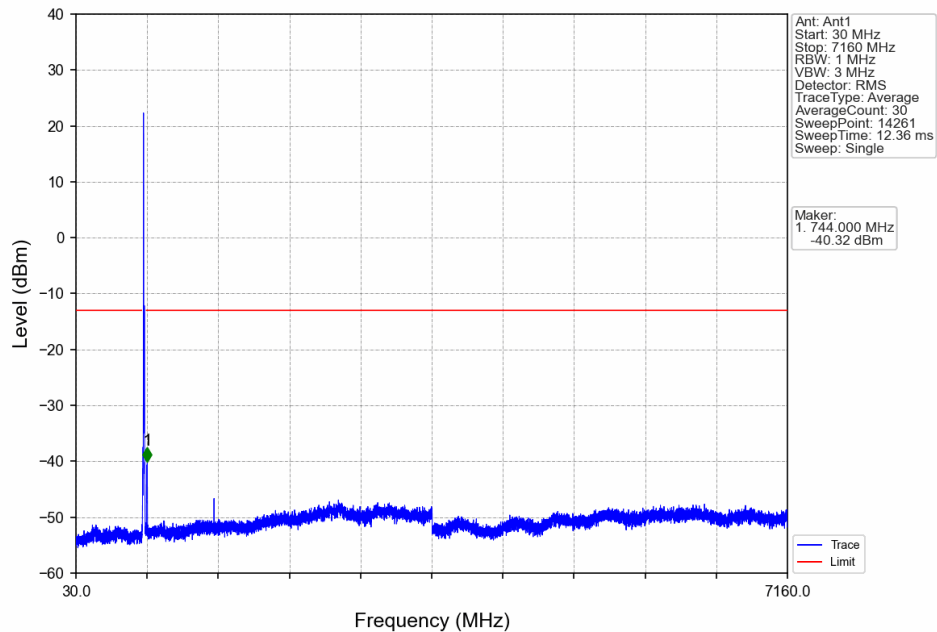
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Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



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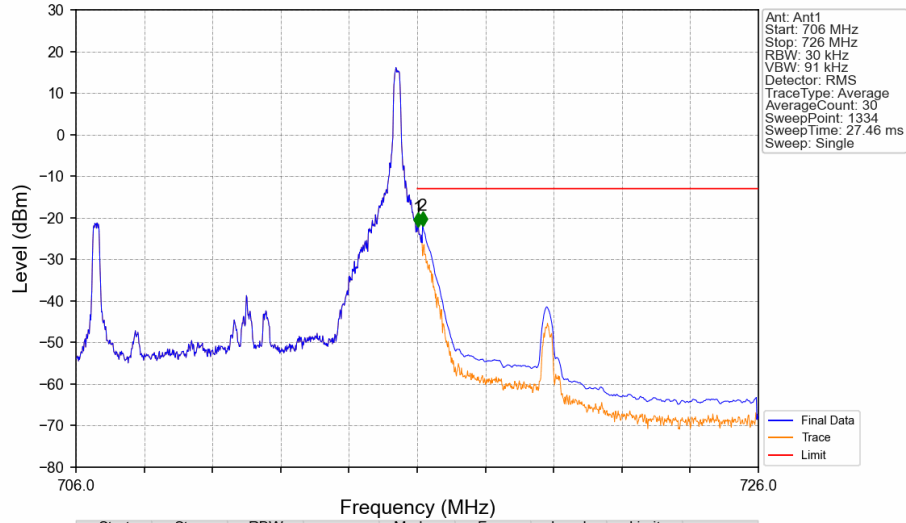
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-22.24	-13	Pass
716.1	726	0.1	CHP	2	716.158	-21.91	-13	Pass



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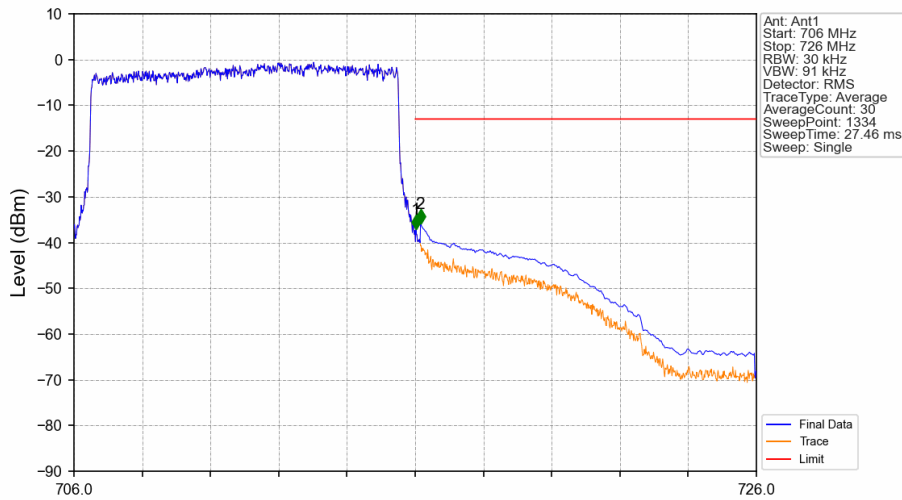
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Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-37.06	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.85	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



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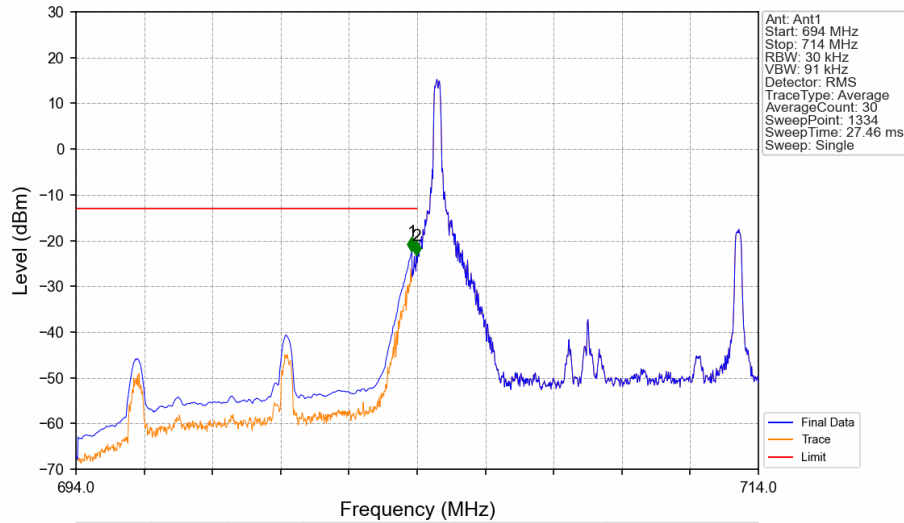
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-22.45	-13	Pass
703.9	704	0.03	/	2	703.977	-23.23	-13	Pass
704	714	0.03	/	/	/	/	/	/



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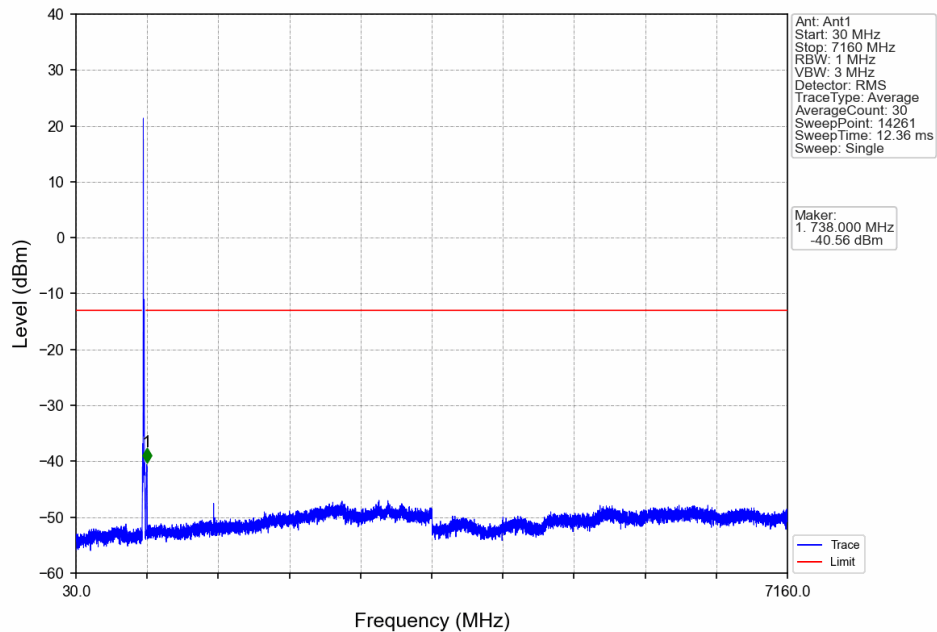
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Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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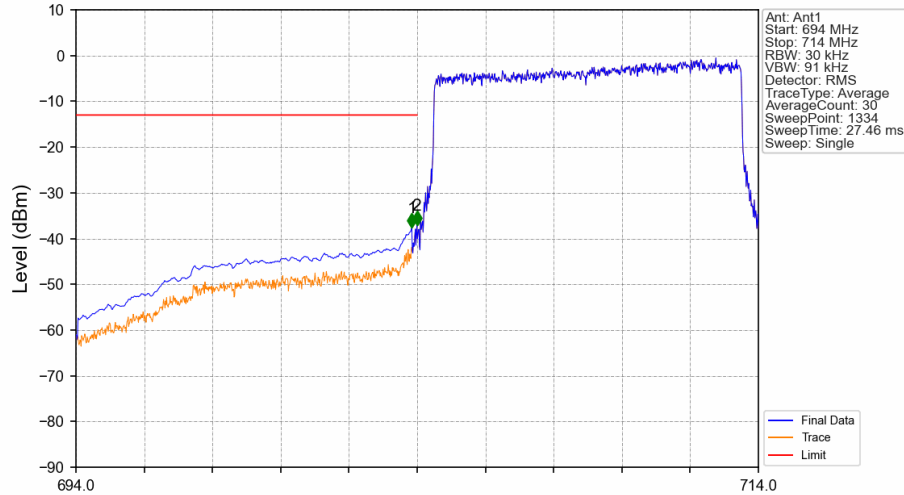
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.68	-13	Pass
703.9	704	0.03	/	2	703.992	-37.12	-13	Pass
704	714	0.03	/	/	/	/	/	/



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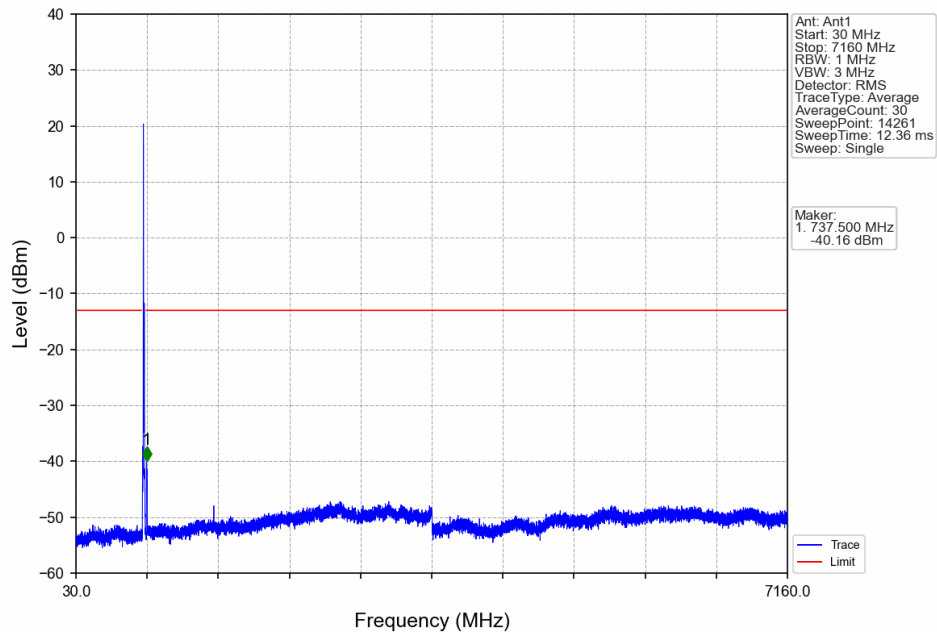
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Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



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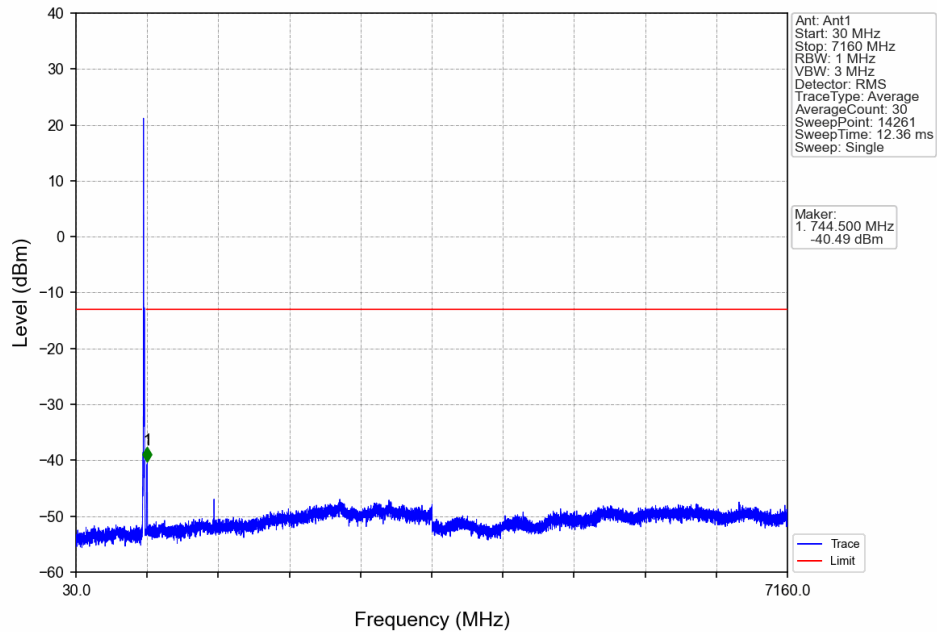
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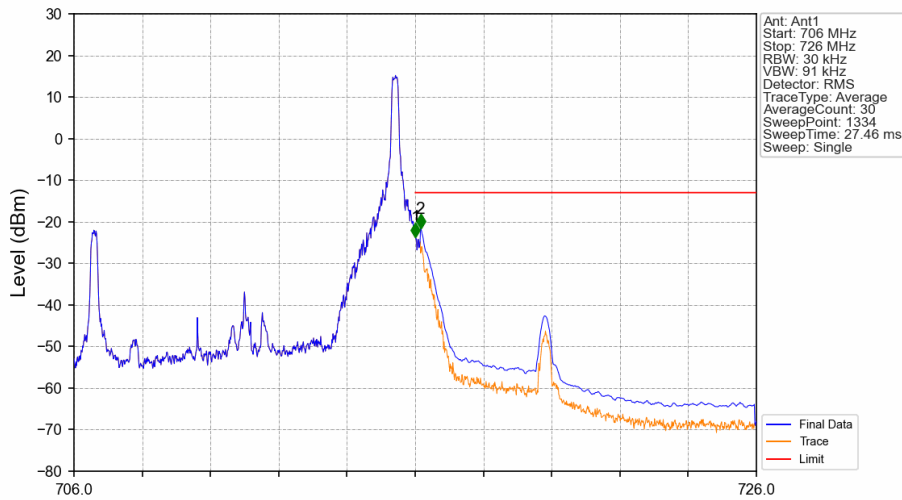
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Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-23.66	-13	Pass
716.1	726	0.1	CHP	2	716.158	-21.59	-13	Pass

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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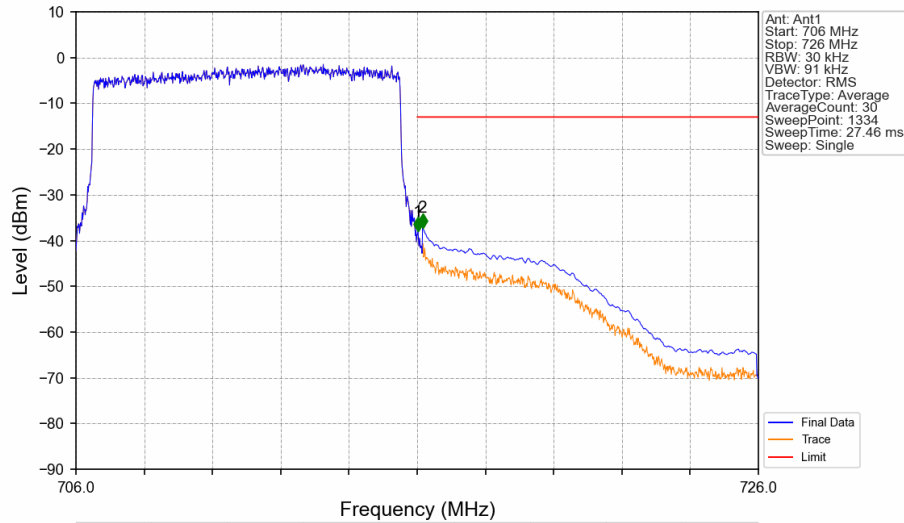
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-37.99	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.19	-13	Pass



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6. Field Strength of Spurious Radiation

Test Band = LTE_17_TM1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1409	56.59	-47.41	24.97	-61.11	-13.00	48.11	Horizontal
2	2113.5	67.02	-46.89	26.72	-48.41	-13.00	35.41	Horizontal
3	2818.5	47.97	-46.05	28.30	-65.04	-13.00	52.04	Horizontal
4	3523	49.09	-45.23	29.05	-62.35	-13.00	49.35	Horizontal
5	5524.5	49.40	-41.87	32.30	-55.43	-13.00	42.43	Horizontal
6	9563.5	40.83	-35.84	37.80	-52.47	-13.00	39.47	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1409	54.24	-47.41	24.97	-63.46	-13.00	50.46	Vertical
2	2114	69.26	-46.89	26.72	-46.17	-13.00	33.17	Vertical
3	2818.5	48.25	-46.05	28.30	-64.76	-13.00	51.76	Vertical
4	4373.5	45.14	-43.17	29.99	-63.30	-13.00	50.30	Vertical
5	5524.5	49.68	-41.87	32.30	-55.15	-13.00	42.15	Vertical
6	8946.5	40.62	-35.93	36.89	-53.68	-13.00	40.68	Vertical



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Test Band = LTE_17_TM1

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411	55.09	-47.42	24.99	-62.60	-13.00	49.60	Horizontal
2	2116.5	65.55	-46.89	26.70	-49.90	-13.00	36.90	Horizontal
3	2822.5	48.68	-46.05	28.30	-64.33	-13.00	51.33	Horizontal
4	3719	47.07	-44.61	29.41	-63.39	-13.00	50.39	Horizontal
5	5524.5	49.58	-41.87	32.30	-55.25	-13.00	42.25	Horizontal
6	8483.5	40.61	-36.42	36.47	-54.60	-13.00	41.60	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411	54.79	-47.42	24.99	-62.90	-13.00	49.90	Vertical
2	2117	68.06	-46.89	26.70	-47.39	-13.00	34.39	Vertical
3	2529.5	53.19	-46.54	27.80	-60.81	-13.00	47.81	Vertical
4	2612.5	63.62	-46.17	27.90	-49.91	-13.00	36.91	Vertical
5	5524.5	49.33	-41.87	32.30	-55.50	-13.00	42.50	Vertical
6	8952	40.53	-35.95	36.89	-53.79	-13.00	40.79	Vertical



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Test Band = LTE_17_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.5	56.48	-47.42	25.01	-61.19	-13.00	48.19	Horizontal
2	2119.5	66.01	-46.90	26.68	-49.47	-13.00	36.47	Horizontal
3	3533	49.85	-45.14	29.03	-61.52	-13.00	48.52	Horizontal
4	5524.5	49.13	-41.87	32.30	-55.70	-13.00	42.70	Horizontal
5	7427	41.83	-38.36	36.75	-55.04	-13.00	42.04	Horizontal
6	9510.5	39.92	-35.80	37.80	-53.34	-13.00	40.34	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413	55.47	-47.42	25.00	-62.21	-13.00	49.21	Vertical
2	2120	69.66	-46.90	26.68	-45.82	-13.00	32.82	Vertical
3	2826.5	48.96	-46.05	28.30	-64.05	-13.00	51.05	Vertical
4	4030	45.36	-43.99	29.68	-64.21	-13.00	51.21	Vertical
5	5524.5	49.91	-41.87	32.30	-54.92	-13.00	41.92	Vertical
6	8482.5	40.84	-36.43	36.47	-54.38	-13.00	41.38	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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