



Appendix B.11 for KSEM2108001480CR-LTE-Band 17

1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERP

1.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	24.14	-1.60	20.39	<=34.77	Pass
			13	24.16	-1.60	20.41	<=34.77	Pass
			24	24.16	-1.60	20.41	<=34.77	Pass
		12	0	23.12	-1.60	19.37	<=34.77	Pass
			6	22.95	-1.60	19.20	<=34.77	Pass
			13	23.02	-1.60	19.27	<=34.77	Pass
		25	0	23.05	-1.60	19.30	<=34.77	Pass
			0	24.05	-1.60	20.30	<=34.77	Pass
			13	24.07	-1.60	20.32	<=34.77	Pass
	710	1	13	24.07	-1.60	20.32	<=34.77	Pass
			24	23.79	-1.60	20.04	<=34.77	Pass
			0	22.89	-1.60	19.14	<=34.77	Pass
		12	6	22.95	-1.60	19.20	<=34.77	Pass
			13	22.87	-1.60	19.12	<=34.77	Pass
			0	22.96	-1.60	19.21	<=34.77	Pass
		25	0	22.96	-1.60	19.21	<=34.77	Pass
			0	24.08	-1.60	20.33	<=34.77	Pass
			13	24.03	-1.60	20.28	<=34.77	Pass
	713.5	1	24	23.67	-1.60	19.92	<=34.77	Pass
			0	22.98	-1.60	19.23	<=34.77	Pass
			6	22.98	-1.60	19.23	<=34.77	Pass
		12	13	22.97	-1.60	19.22	<=34.77	Pass
			0	23.03	-1.60	19.28	<=34.77	Pass
			13	22.97	-1.60	19.22	<=34.77	Pass
		25	0	23.03	-1.60	19.28	<=34.77	Pass
			13	22.97	-1.60	19.22	<=34.77	Pass
			24	23.05	-1.60	19.30	<=34.77	Pass
16QAM	706.5	1	0	23.03	-1.60	19.28	<=34.77	Pass
			13	22.97	-1.60	19.22	<=34.77	Pass
			24	23.05	-1.60	19.30	<=34.77	Pass
		12	0	21.80	-1.60	18.05	<=34.77	Pass
			6	21.83	-1.60	18.08	<=34.77	Pass
			13	21.87	-1.60	18.12	<=34.77	Pass
		25	0	21.97	-1.60	18.22	<=34.77	Pass
			0	22.96	-1.60	19.21	<=34.77	Pass
			13	23.21	-1.60	19.46	<=34.77	Pass
	710	1	24	23.02	-1.60	19.27	<=34.77	Pass
			0	21.82	-1.60	18.07	<=34.77	Pass
			6	21.89	-1.60	18.14	<=34.77	Pass
		12	13	21.83	-1.60	18.08	<=34.77	Pass
			0	21.93	-1.60	18.18	<=34.77	Pass
			13	21.83	-1.60	18.08	<=34.77	Pass



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	713.5	1	0	22.98	-1.60	19.23	<=34.77	Pass
			13	22.99	-1.60	19.24	<=34.77	Pass
			24	22.61	-1.60	18.86	<=34.77	Pass
		12	0	22.14	-1.60	18.39	<=34.77	Pass
			6	22.16	-1.60	18.41	<=34.77	Pass
			13	22.11	-1.60	18.36	<=34.77	Pass
		25	0	22.19	-1.60	18.44	<=34.77	Pass

Note1: ERP=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		Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	24.29	-1.60	20.54	<=34.77	Pass
			25	24.41	-1.60	20.66	<=34.77	Pass
			49	24.37	-1.60	20.62	<=34.77	Pass
		25	0	23.32	-1.60	19.57	<=34.77	Pass
			13	23.29	-1.60	19.54	<=34.77	Pass
			25	23.34	-1.60	19.59	<=34.77	Pass
		50	0	23.27	-1.60	19.52	<=34.77	Pass
	710	1	0	24.11	-1.60	20.36	<=34.77	Pass
			25	24.19	-1.60	20.44	<=34.77	Pass
			49	23.87	-1.60	20.12	<=34.77	Pass
		25	0	23.05	-1.60	19.30	<=34.77	Pass
			13	23.09	-1.60	19.34	<=34.77	Pass
			25	23.06	-1.60	19.31	<=34.77	Pass
		50	0	23.06	-1.60	19.31	<=34.77	Pass
	711	1	0	24.23	-1.60	20.48	<=34.77	Pass
			25	24.11	-1.60	20.36	<=34.77	Pass
			49	23.61	-1.60	19.86	<=34.77	Pass
		25	0	22.91	-1.60	19.16	<=34.77	Pass
			13	22.95	-1.60	19.20	<=34.77	Pass
			25	22.92	-1.60	19.17	<=34.77	Pass
		50	0	23.00	-1.60	19.25	<=34.77	Pass
16QAM	709	1	0	23.05	-1.60	19.30	<=34.77	Pass
			25	23.00	-1.60	19.25	<=34.77	Pass
			49	23.04	-1.60	19.29	<=34.77	Pass
		25	0	21.99	-1.60	18.24	<=34.77	Pass
			13	22.05	-1.60	18.30	<=34.77	Pass
			25	22.08	-1.60	18.33	<=34.77	Pass
	710	50	0	21.97	-1.60	18.22	<=34.77	Pass
		1	0	23.01	-1.60	19.26	<=34.77	Pass
			25	23.03	-1.60	19.28	<=34.77	Pass



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		25	49	22.84	-1.60	19.09	<=34.77	Pass
			0	21.86	-1.60	18.11	<=34.77	Pass
			13	22.04	-1.60	18.29	<=34.77	Pass
			25	21.97	-1.60	18.22	<=34.77	Pass
	711	50	0	21.99	-1.60	18.24	<=34.77	Pass
			0	23.55	-1.60	19.80	<=34.77	Pass
			25	23.55	-1.60	19.80	<=34.77	Pass
			49	23.09	-1.60	19.34	<=34.77	Pass
		1	0	21.95	-1.60	18.20	<=34.77	Pass
			13	22.01	-1.60	18.26	<=34.77	Pass
			25	22.01	-1.60	18.26	<=34.77	Pass
			50	21.99	-1.60	18.24	<=34.77	Pass

Note1: ERP=Power+Antenna Gain-2.15

Remark1:

For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Power [dBm] + Gain [dBd]

EIRP [dBm] = Power [dBm] + Gain [dBi]

2. Frequency Stability

2.1 B17_5MHz

2.1.1 Test Result

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	-0.07	-0.00	-2.5 to 2.5	Pass
					3.85	-0.14	-0.00	-2.5 to 2.5	Pass
					4.43	-1.06	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.43	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.16	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.03	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.27	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.29	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.44	0.00	-2.5 to 2.5	Pass
				40	3.85	-1.00	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.49	-0.00	-2.5 to 2.5	Pass
	710	25	0	20	3.27	0.36	0.00	-2.5 to 2.5	Pass
					3.85	0.00	0.00	-2.5 to 2.5	Pass
					4.43	0.72	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.09	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.82	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.11	0.00	-2.5 to 2.5	Pass
				0	3.85	0.11	0.00	-2.5 to 2.5	Pass
				10	3.85	0.49	0.00	-2.5 to 2.5	Pass



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				30	3.85	0.86	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.13	-0.00	-2.5 to 2.5	Pass
				50	3.85	1.57	0.00	-2.5 to 2.5	Pass
				20	3.27	1.67	0.00	-2.5 to 2.5	Pass
					3.85	2.59	0.00	-2.5 to 2.5	Pass
					4.43	3.59	0.01	-2.5 to 2.5	Pass
				-30	3.85	3.26	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.40	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.55	0.00	-2.5 to 2.5	Pass
				0	3.85	3.13	0.00	-2.5 to 2.5	Pass
				10	3.85	2.25	0.00	-2.5 to 2.5	Pass
				30	3.85	3.35	0.00	-2.5 to 2.5	Pass
				40	3.85	3.88	0.01	-2.5 to 2.5	Pass
				50	3.85	3.10	0.00	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-1.07	-0.00	-2.5 to 2.5	Pass
					3.85	0.13	0.00	-2.5 to 2.5	Pass
					4.43	0.79	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.47	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.69	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.66	0.00	-2.5 to 2.5	Pass
				0	3.85	1.82	0.00	-2.5 to 2.5	Pass
				10	3.85	1.44	0.00	-2.5 to 2.5	Pass
				30	3.85	0.14	0.00	-2.5 to 2.5	Pass
				40	3.85	0.37	0.00	-2.5 to 2.5	Pass
				50	3.85	1.20	0.00	-2.5 to 2.5	Pass
	710	25	0	20	3.27	0.03	0.00	-2.5 to 2.5	Pass
					3.85	1.27	0.00	-2.5 to 2.5	Pass
					4.43	0.47	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.69	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.06	0.00	-2.5 to 2.5	Pass
				0	3.85	0.30	0.00	-2.5 to 2.5	Pass
				10	3.85	0.36	0.00	-2.5 to 2.5	Pass
				30	3.85	1.54	0.00	-2.5 to 2.5	Pass
				40	3.85	0.60	0.00	-2.5 to 2.5	Pass
				50	3.85	0.66	0.00	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	2.83	0.00	-2.5 to 2.5	Pass
					3.85	1.97	0.00	-2.5 to 2.5	Pass
					4.43	3.73	0.01	-2.5 to 2.5	Pass
				-30	3.85	2.32	0.00	-2.5 to 2.5	Pass
				-20	3.85	3.63	0.01	-2.5 to 2.5	Pass
				-10	3.85	3.22	0.00	-2.5 to 2.5	Pass
				0	3.85	1.83	0.00	-2.5 to 2.5	Pass
				10	3.85	3.26	0.00	-2.5 to 2.5	Pass
				30	3.85	2.65	0.00	-2.5 to 2.5	Pass
				40	3.85	3.02	0.00	-2.5 to 2.5	Pass
				50	3.85	1.66	0.00	-2.5 to 2.5	Pass



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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	3.27	0.31	0.00	-2.5 to 2.5	Pass
					3.85	0.26	0.00	-2.5 to 2.5	Pass
					4.43	0.59	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.66	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.63	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.53	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.46	0.00	-2.5 to 2.5	Pass
				10	3.85	0.97	0.00	-2.5 to 2.5	Pass
				30	3.85	0.16	0.00	-2.5 to 2.5	Pass
				40	3.85	0.60	0.00	-2.5 to 2.5	Pass
				50	3.85	0.20	0.00	-2.5 to 2.5	Pass
	710	50	0	20	3.27	0.87	0.00	-2.5 to 2.5	Pass
					3.85	1.65	0.00	-2.5 to 2.5	Pass
					4.43	0.47	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.14	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.17	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.59	0.00	-2.5 to 2.5	Pass
				0	3.85	0.86	0.00	-2.5 to 2.5	Pass
				10	3.85	1.30	0.00	-2.5 to 2.5	Pass
				30	3.85	2.06	0.00	-2.5 to 2.5	Pass
				40	3.85	1.57	0.00	-2.5 to 2.5	Pass
				50	3.85	-1.53	-0.00	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.51	-0.00	-2.5 to 2.5	Pass
					3.85	-1.40	-0.00	-2.5 to 2.5	Pass
					4.43	0.17	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.84	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.97	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.33	0.00	-2.5 to 2.5	Pass
				0	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.97	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.92	-0.00	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-0.16	-0.00	-2.5 to 2.5	Pass
					3.85	-0.89	-0.00	-2.5 to 2.5	Pass
					4.43	-0.04	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.44	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.23	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.31	-0.00	-2.5 to 2.5	Pass



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				10	3.85	0.33	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.92	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.20	-0.00	-2.5 to 2.5	Pass
	710	50	0	20	3.27	0.77	0.00	-2.5 to 2.5	Pass
					3.85	0.41	0.00	-2.5 to 2.5	Pass
					4.43	-0.74	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.27	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.44	-0.00	-2.5 to 2.5	Pass
				-10	3.85	1.03	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.70	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.67	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.53	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.64	0.00	-2.5 to 2.5	Pass
				50	3.85	0.01	0.00	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.82	-0.00	-2.5 to 2.5	Pass
					3.85	0.29	0.00	-2.5 to 2.5	Pass
					4.43	-1.12	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.79	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.20	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.69	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.19	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.34	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.07	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.36	-0.00	-2.5 to 2.5	Pass



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3. Modulation Characteristics

3.1 B17_5MHz

3.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	710	25	0	Refer To Test Graph	Pass
16QAM	710	25	0	Refer To Test Graph	Pass



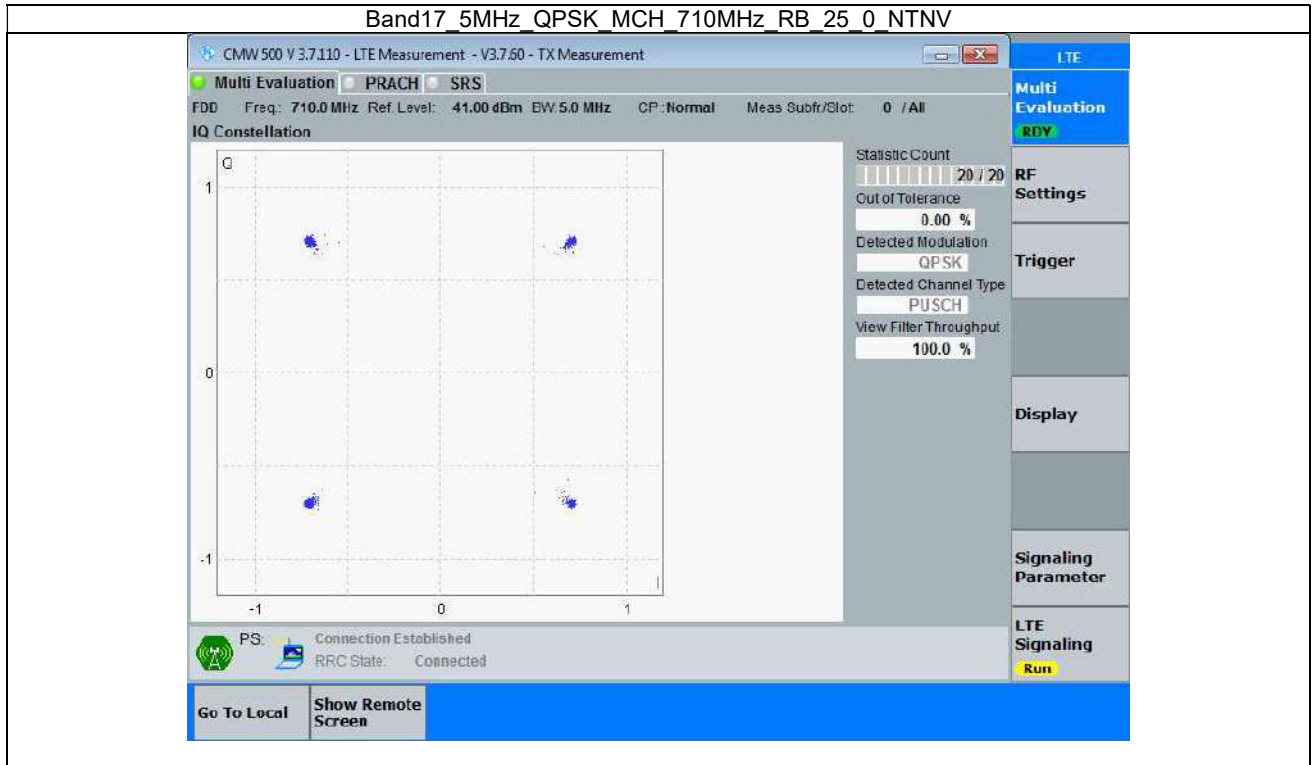
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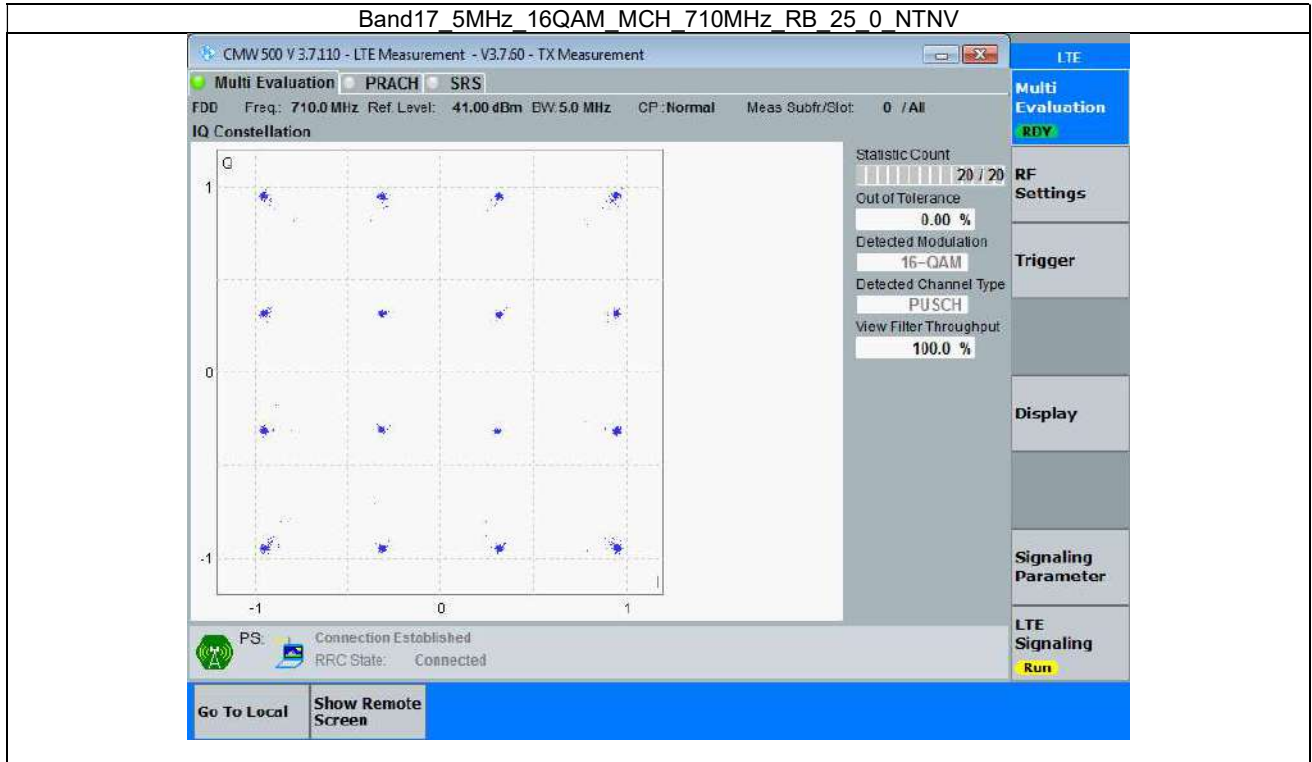


3.1.2 Test Graph



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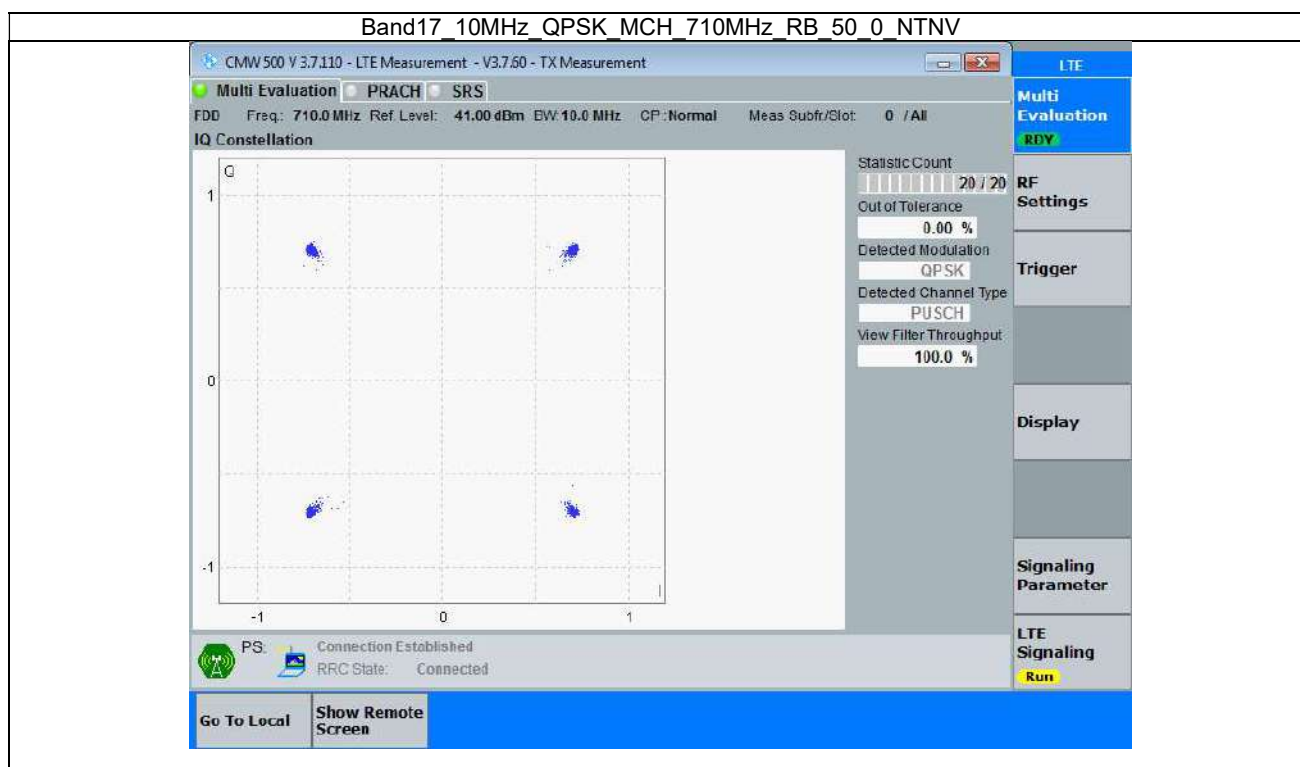
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3.2 B17_10MHz

3.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

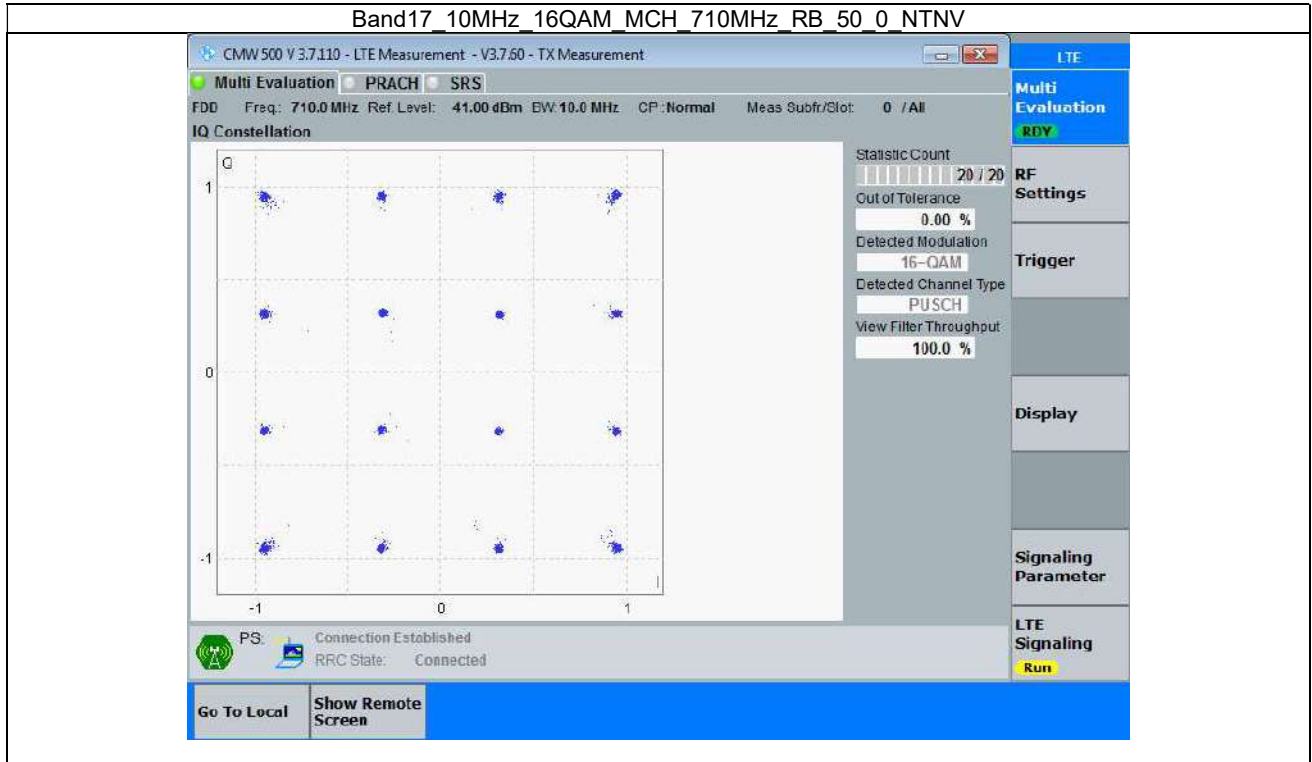


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4. 99% & 26dB Bandwidth

4.1 Band17_OBW

4.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.554	Pass
		710	25	0	4.556	Pass
		713.5	25	0	4.571	Pass
	16QAM	706.5	25	0	4.592	Pass
		710	25	0	4.570	Pass
		713.5	25	0	4.548	Pass
10	QPSK	709	50	0	9.079	Pass
		710	50	0	9.051	Pass
		711	50	0	9.053	Pass
	16QAM	709	50	0	9.051	Pass
		710	50	0	9.047	Pass
		711	50	0	9.041	Pass



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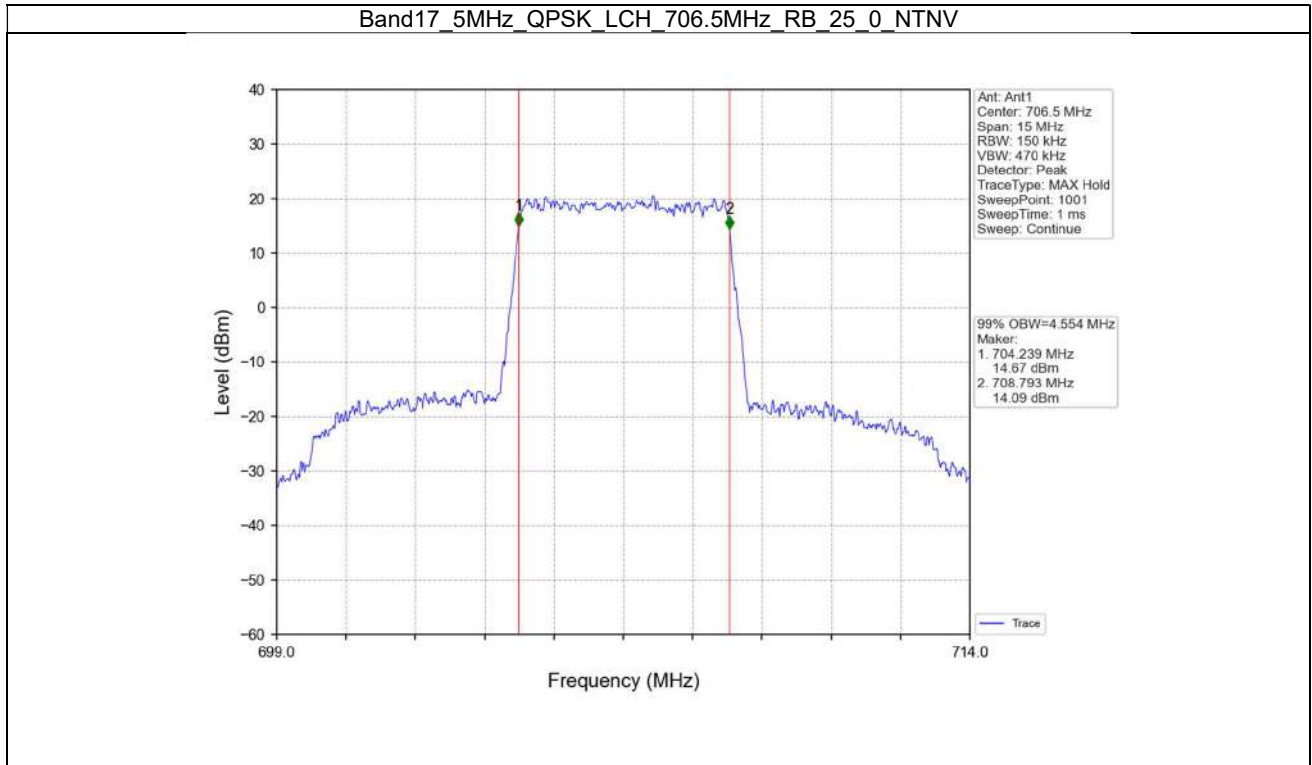
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4.1.2 Test Graph



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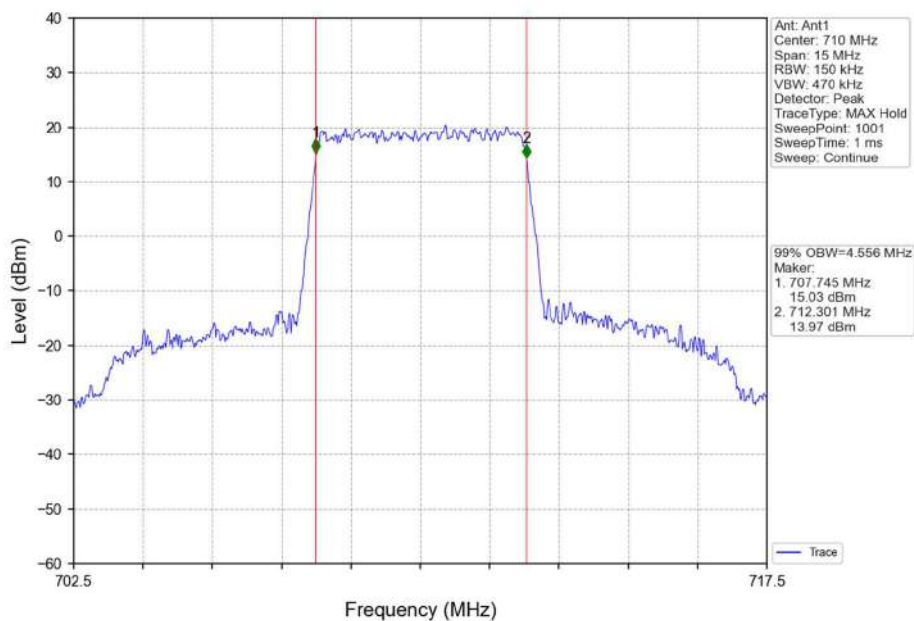
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Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



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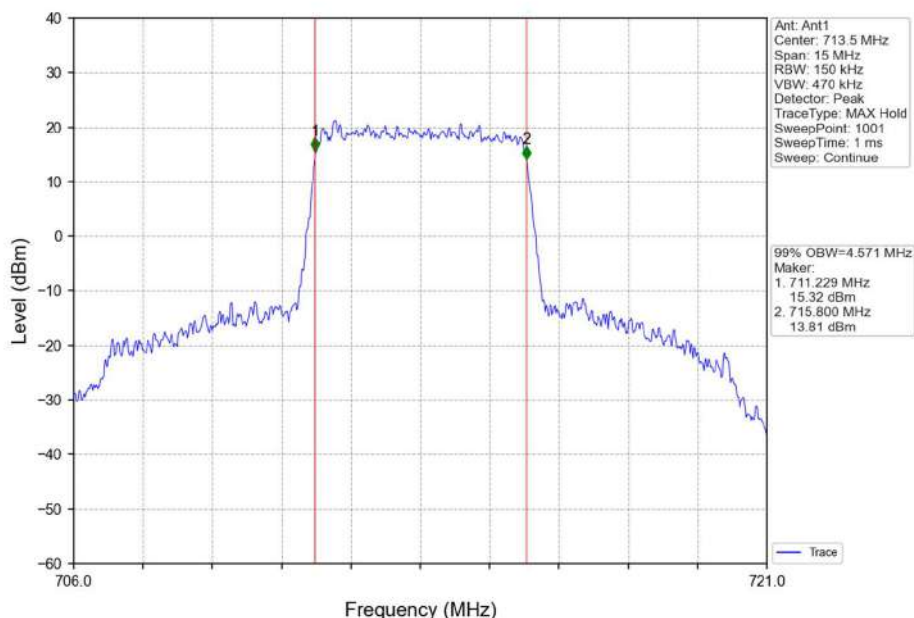
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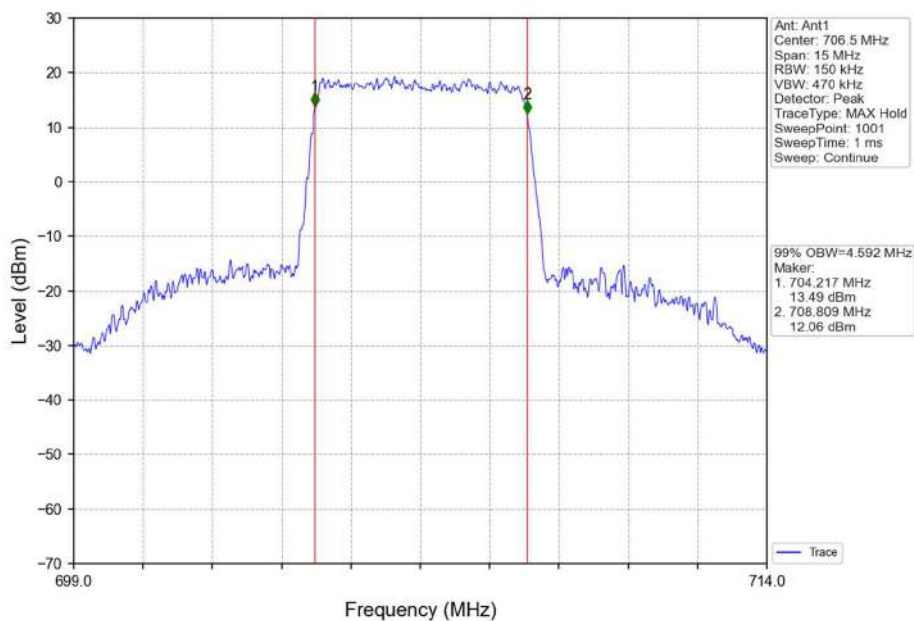
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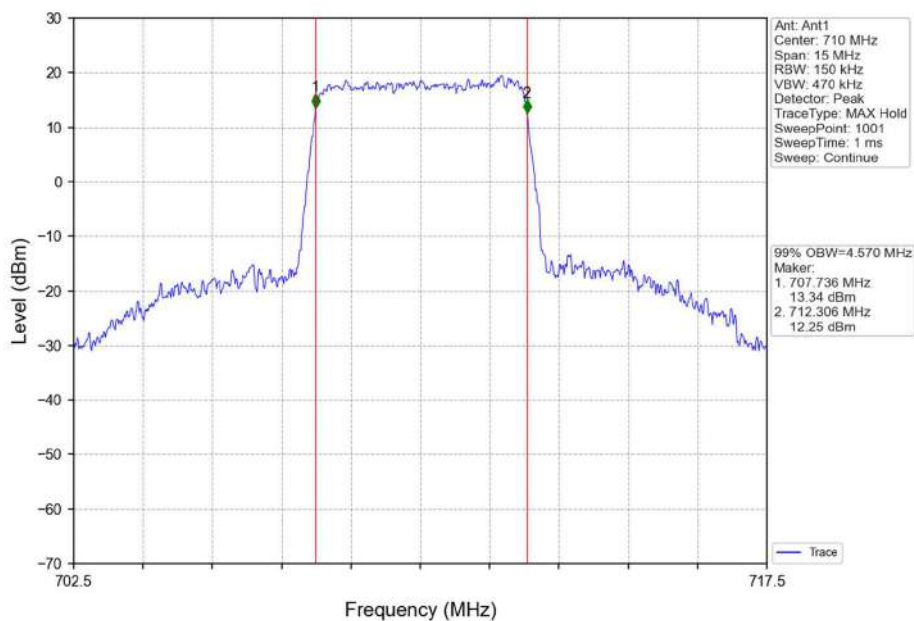
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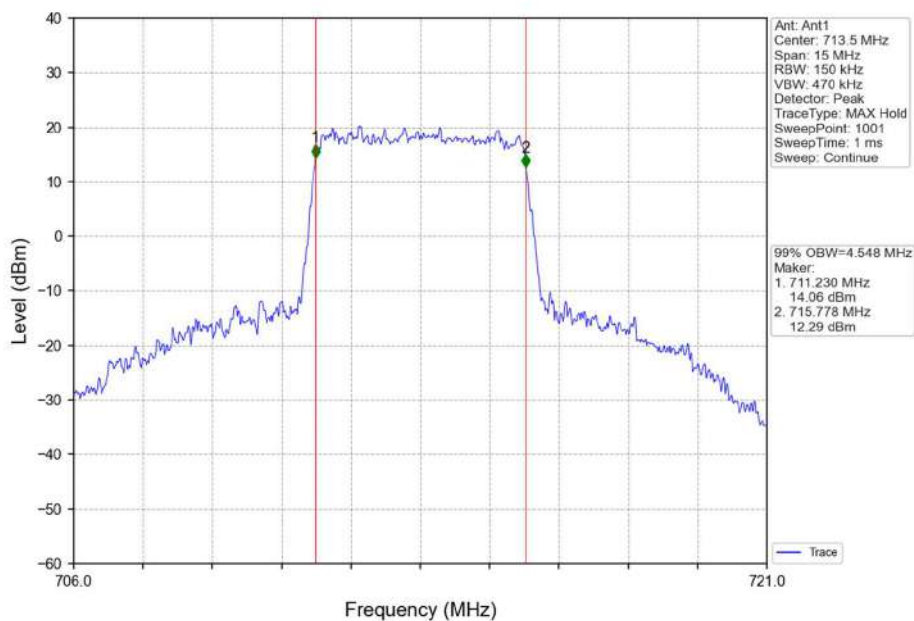
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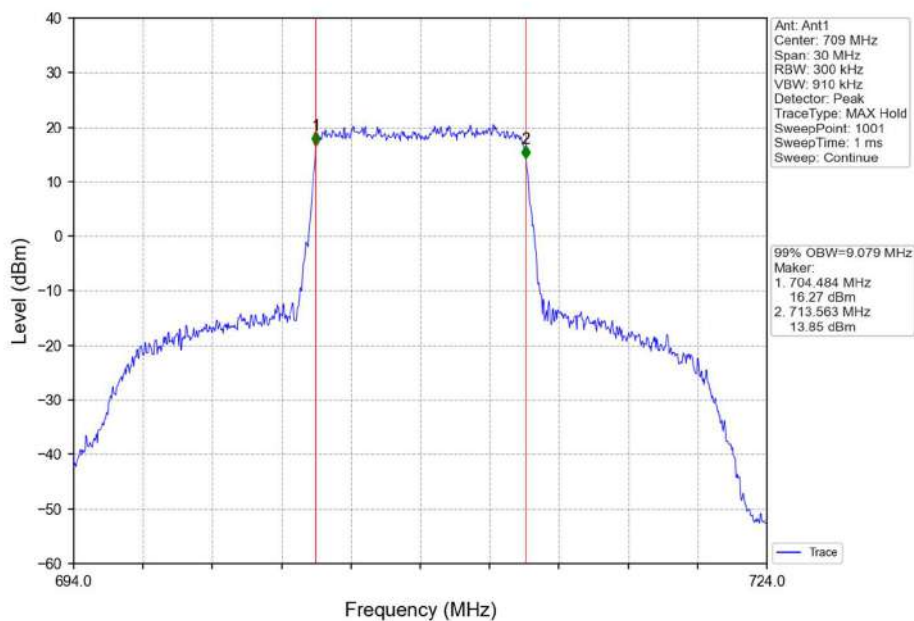
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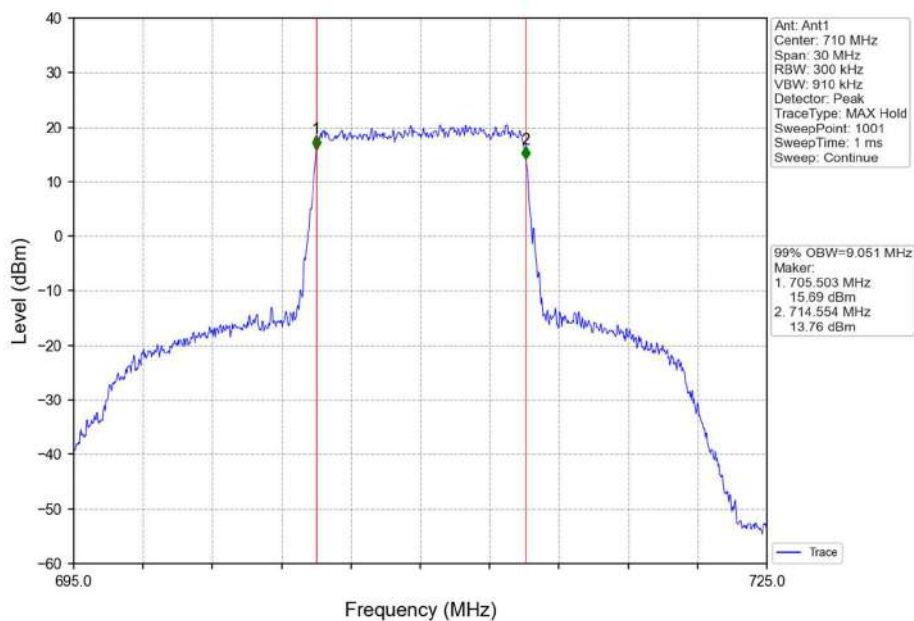
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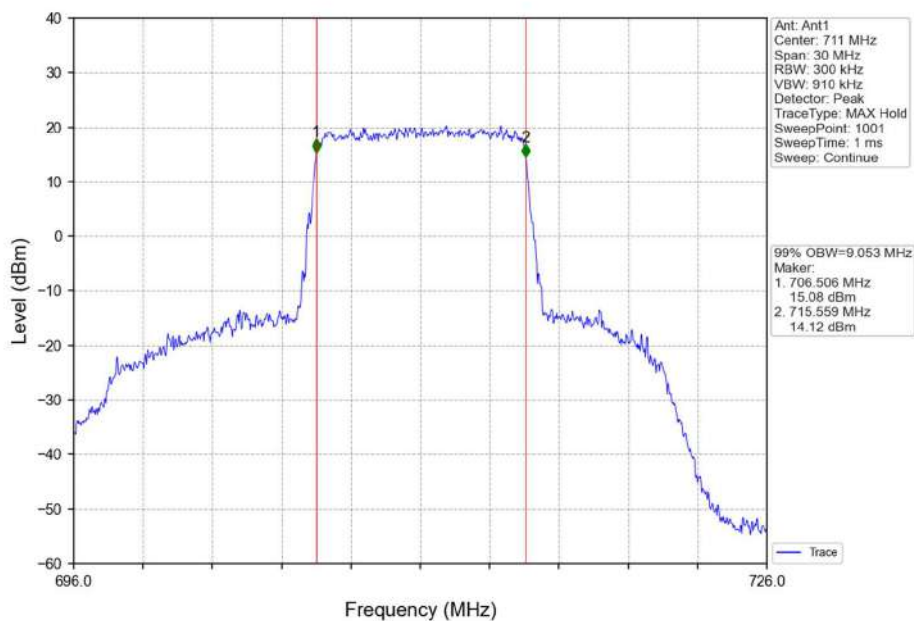
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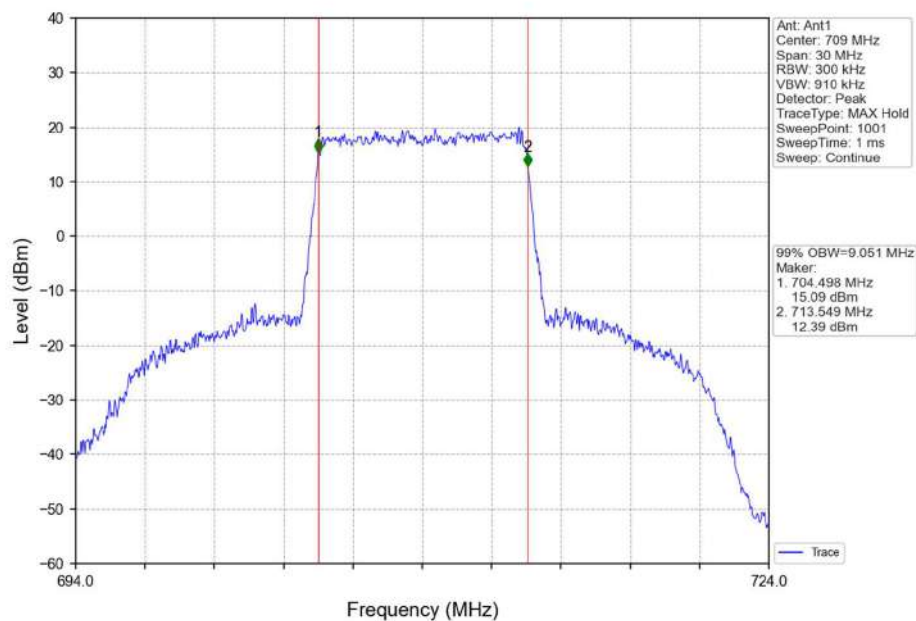
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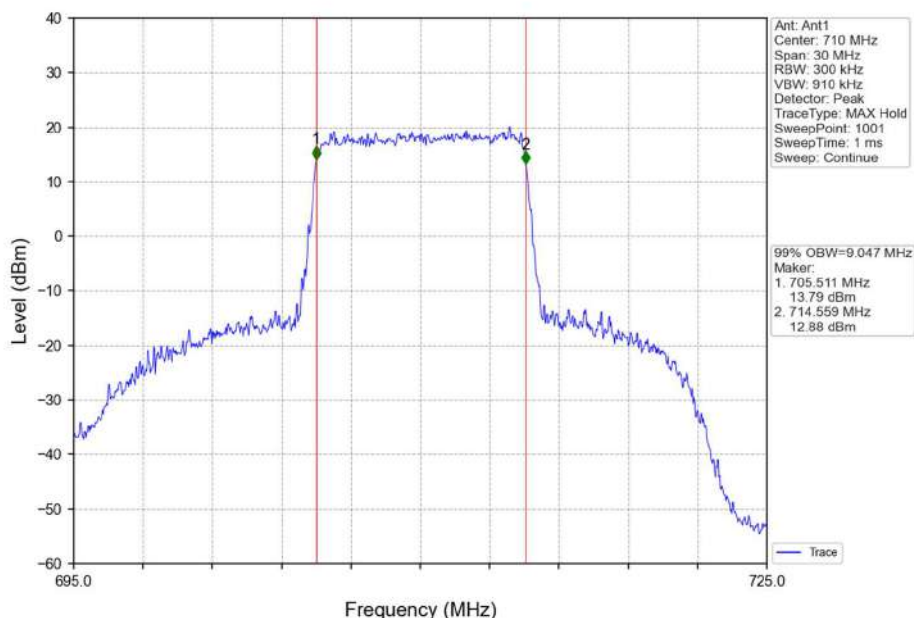
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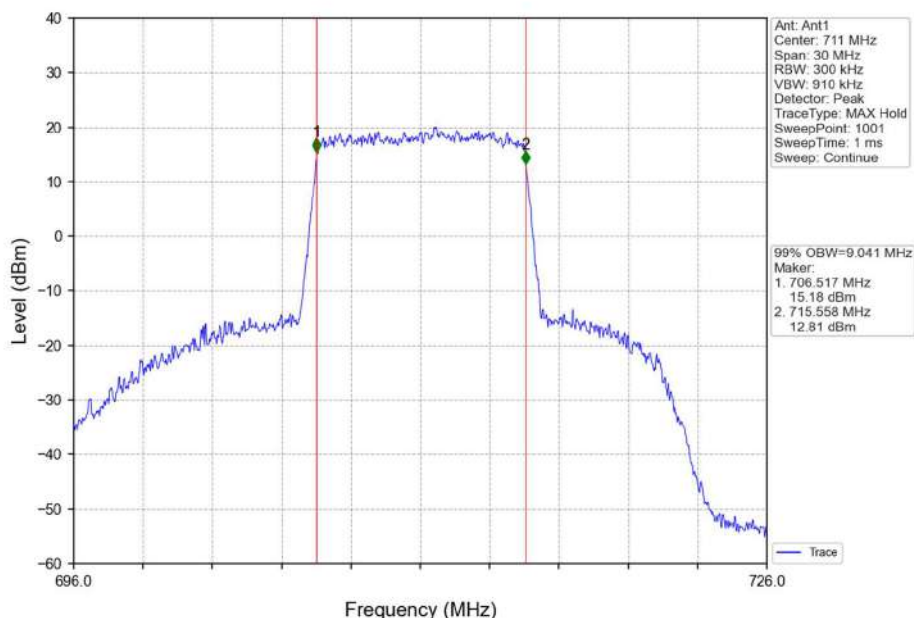
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4.2 Band17_XDB

4.2.1 Test Result

Band: 17 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.087	Pass
		710	25	0	5.078	Pass
		713.5	25	0	5.066	Pass
	16QAM	706.5	25	0	5.096	Pass
		710	25	0	5.119	Pass
		713.5	25	0	5.058	Pass
10	QPSK	709	50	0	10.120	Pass
		710	50	0	10.092	Pass
		711	50	0	10.012	Pass
	16QAM	709	50	0	10.022	Pass
		710	50	0	9.931	Pass
		711	50	0	10.008	Pass



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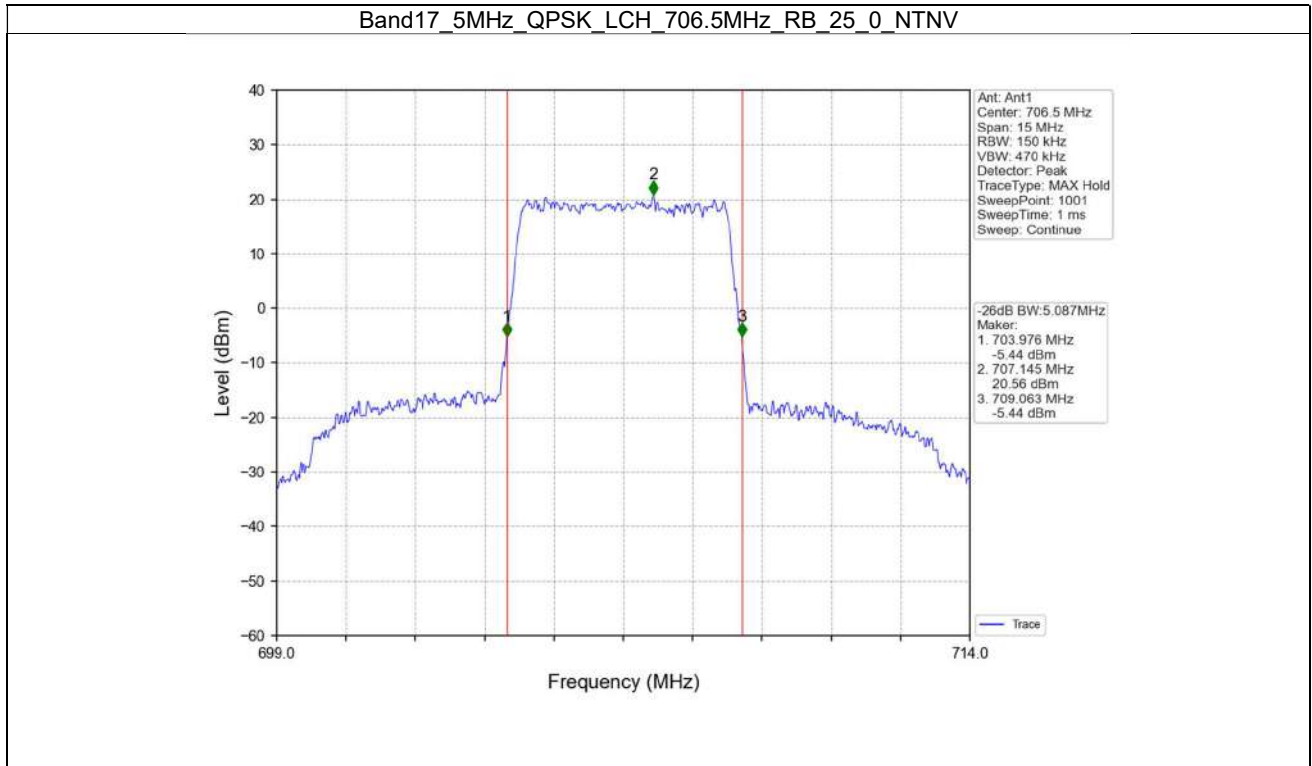
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4.2.2 Test Graph



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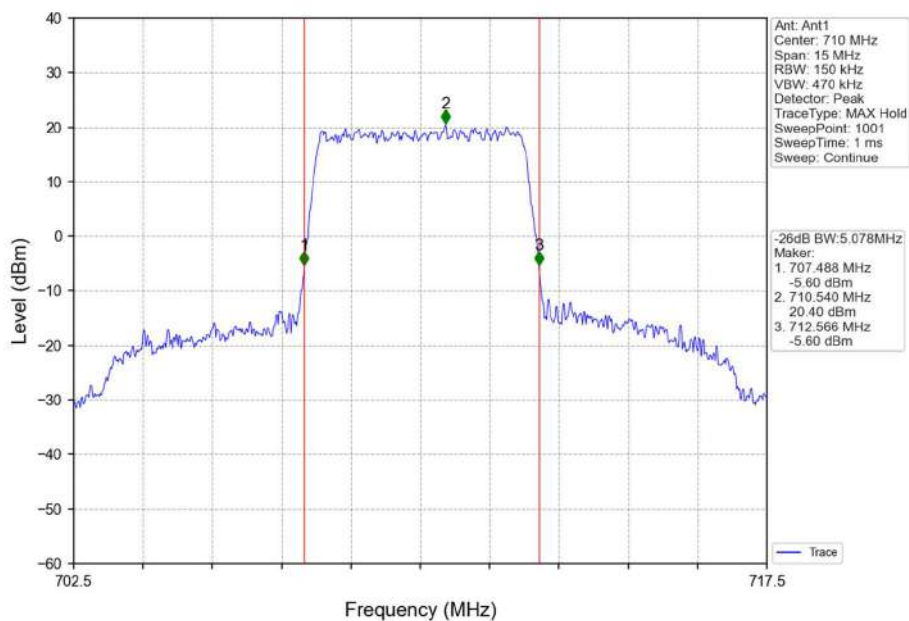
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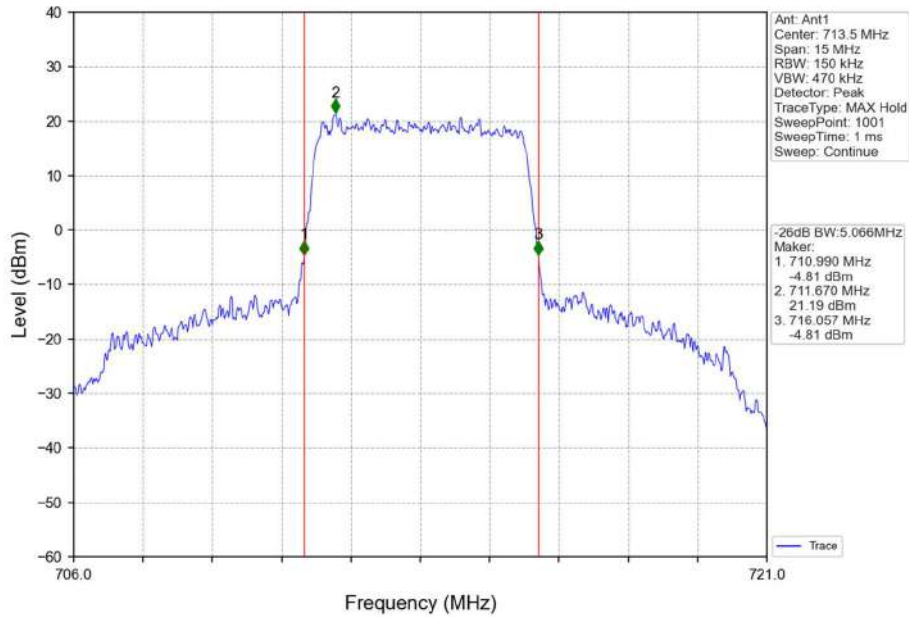
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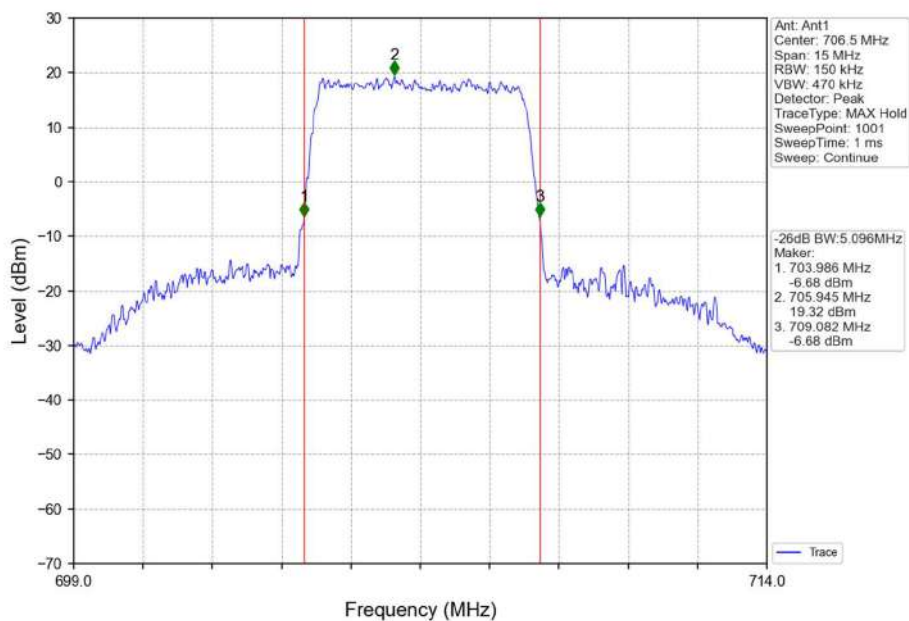
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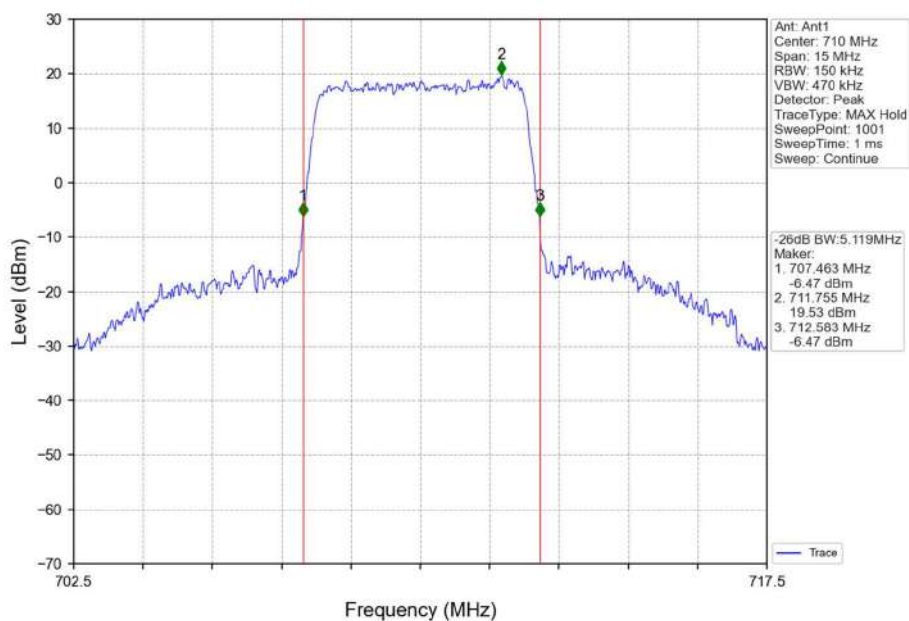
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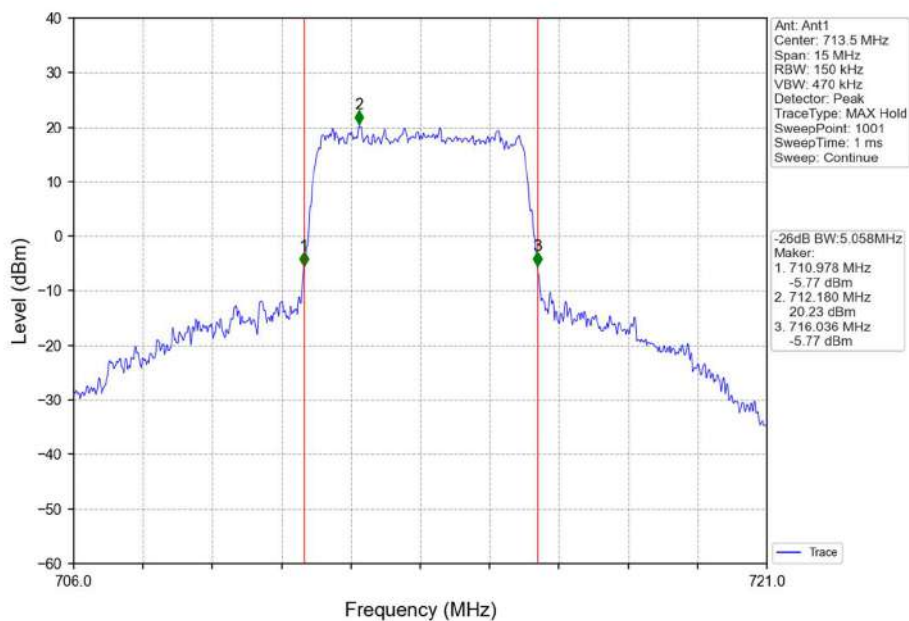
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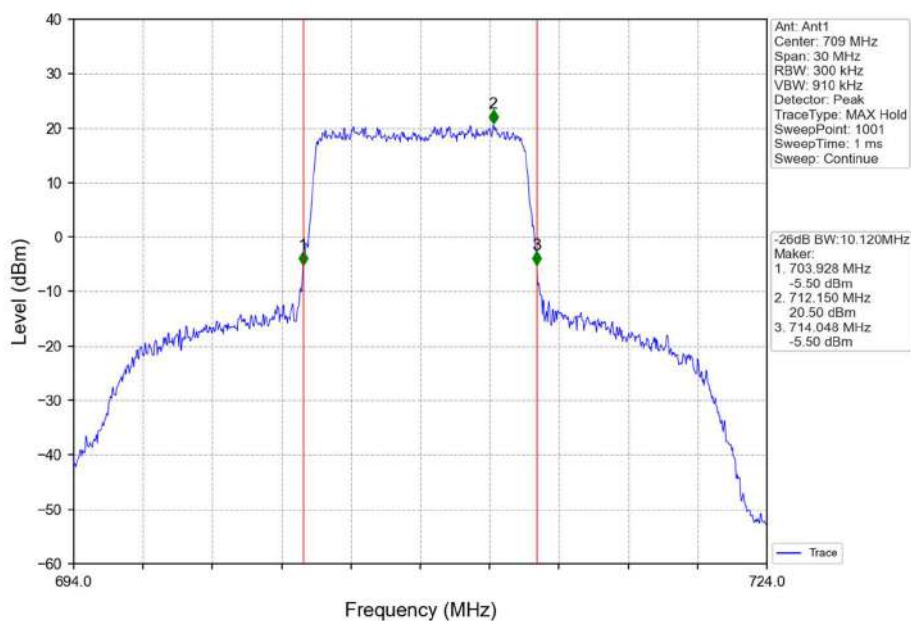
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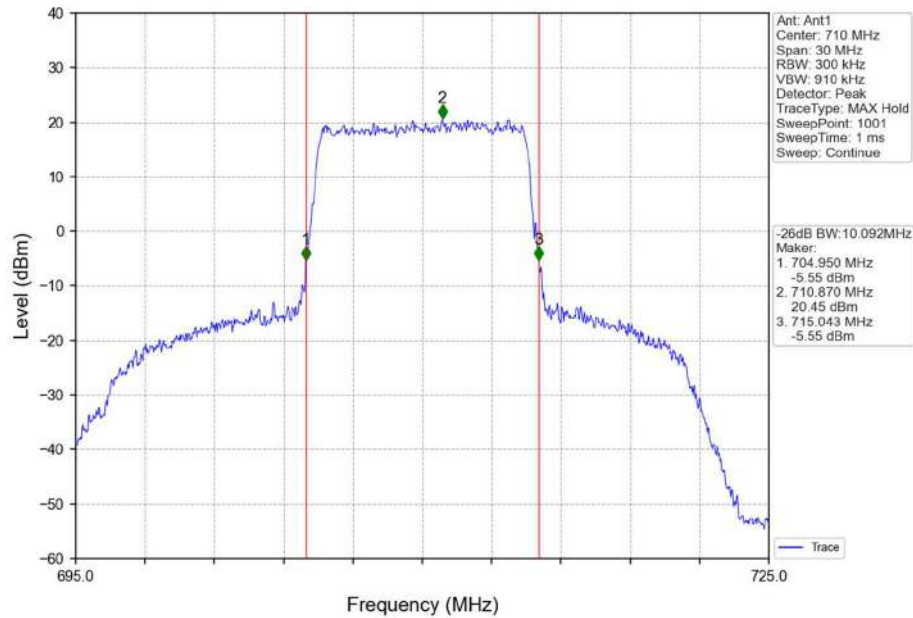
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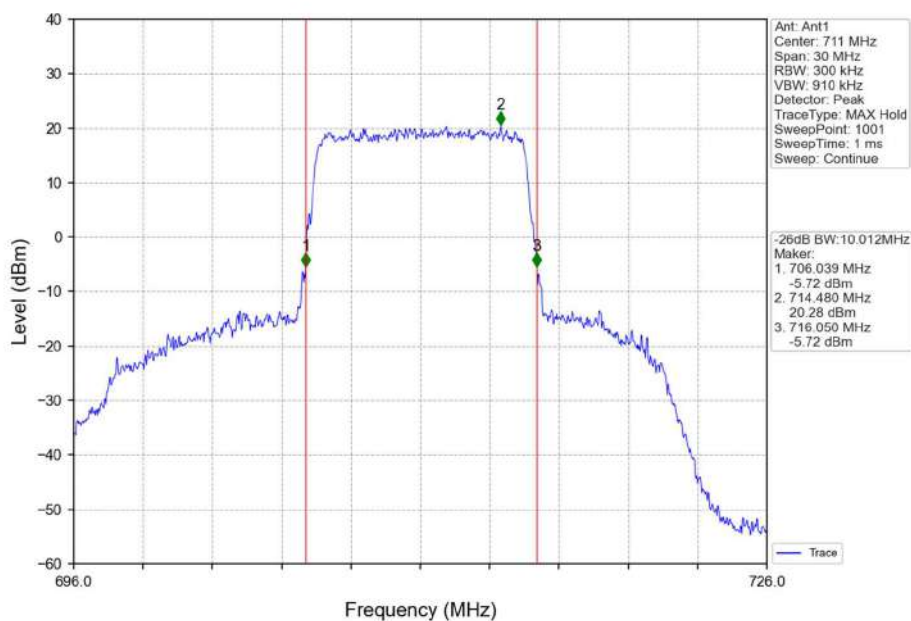
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Band17 10MHz QPSK HCH 711MHz RB 50 0 NTV



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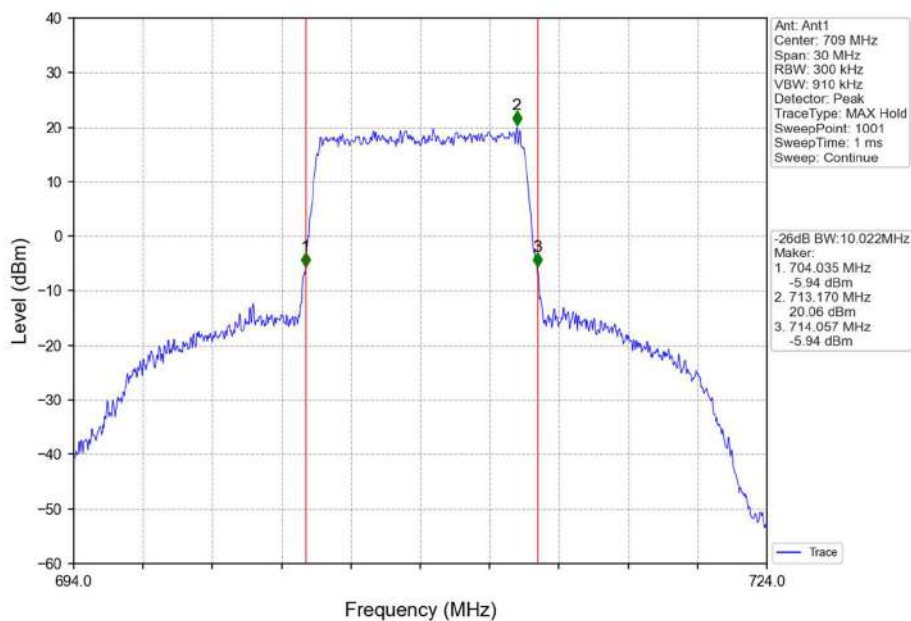
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Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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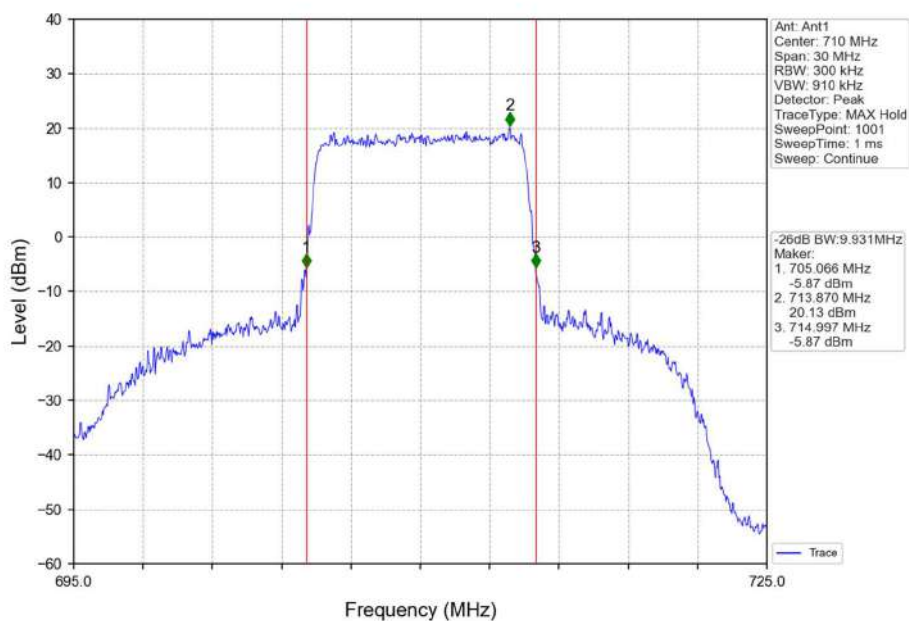
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Band17 10MHz 16QAM MCH 710MHz RB 50 0 NTNV



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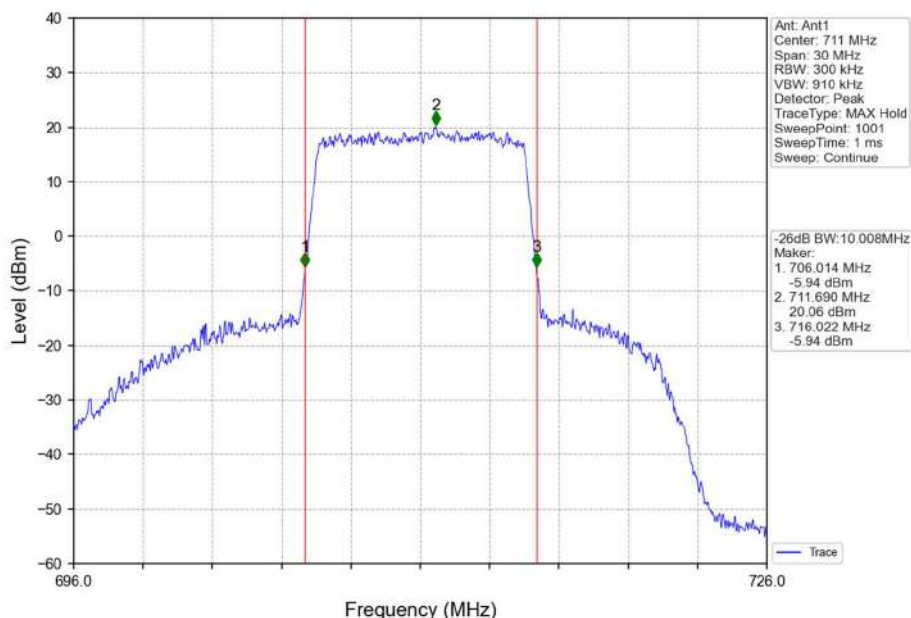
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Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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5. Peak-Average Ratio

5.1 B17_5MHz

5.1.1 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	5.38	≤ 13	Pass
	710	25	0	5.30	≤ 13	Pass
	713.5	25	0	4.99	≤ 13	Pass
16QAM	706.5	25	0	6.14	≤ 13	Pass
	710	25	0	5.99	≤ 13	Pass
	713.5	25	0	5.64	≤ 13	Pass



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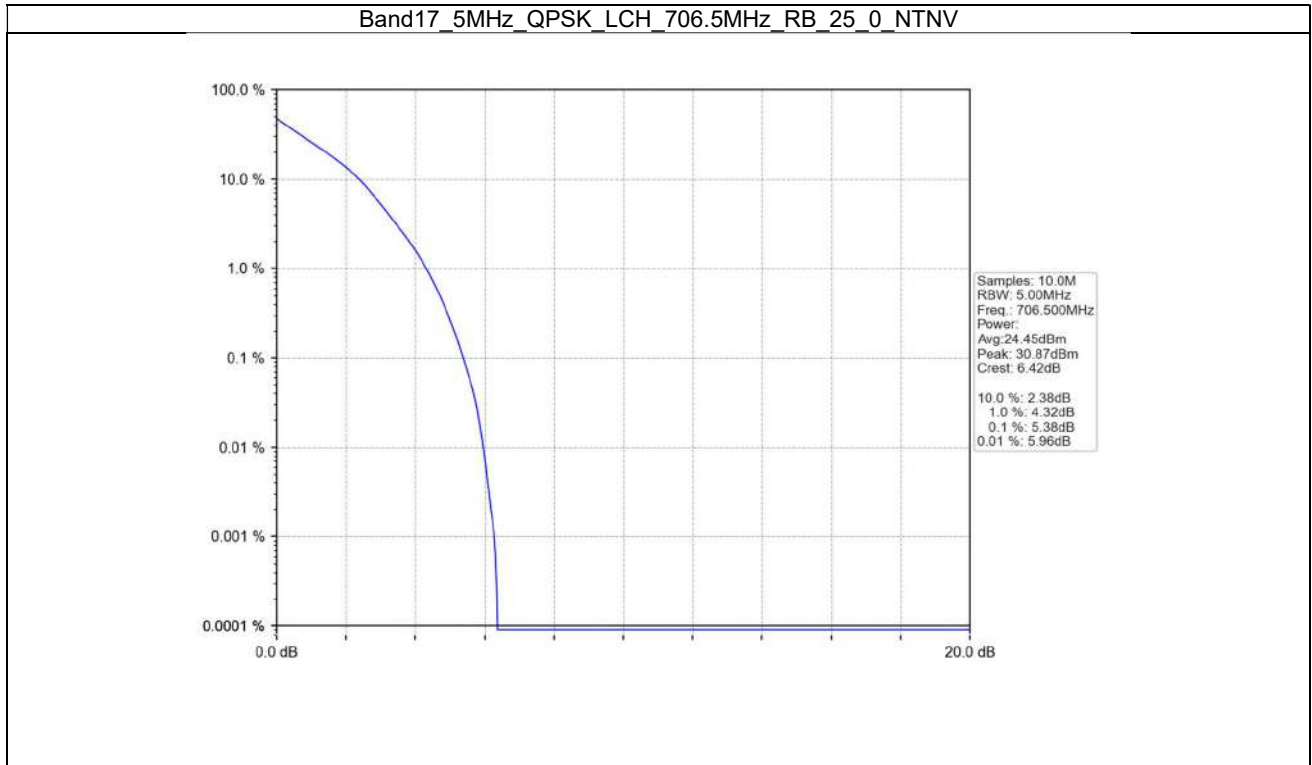
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5.1.2 Test Graph



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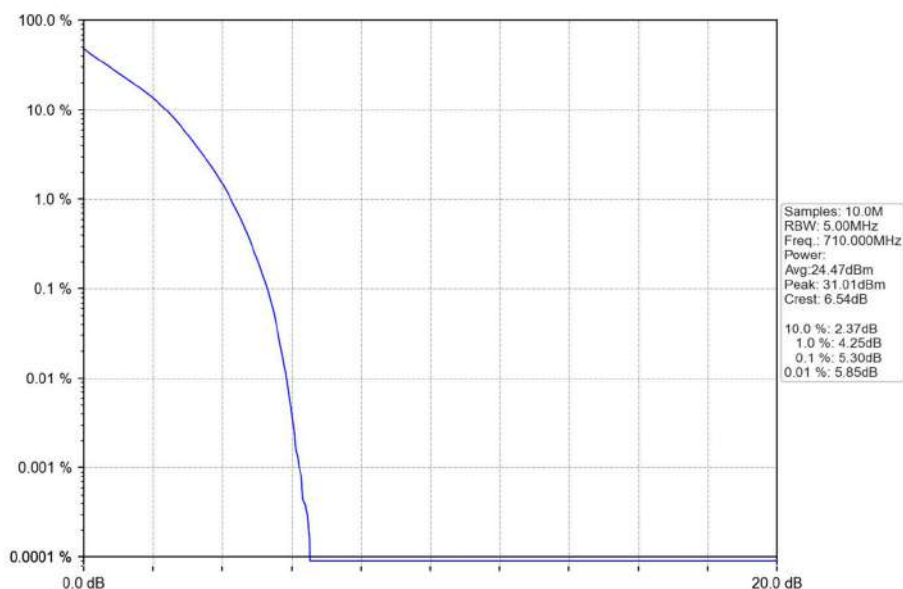
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Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



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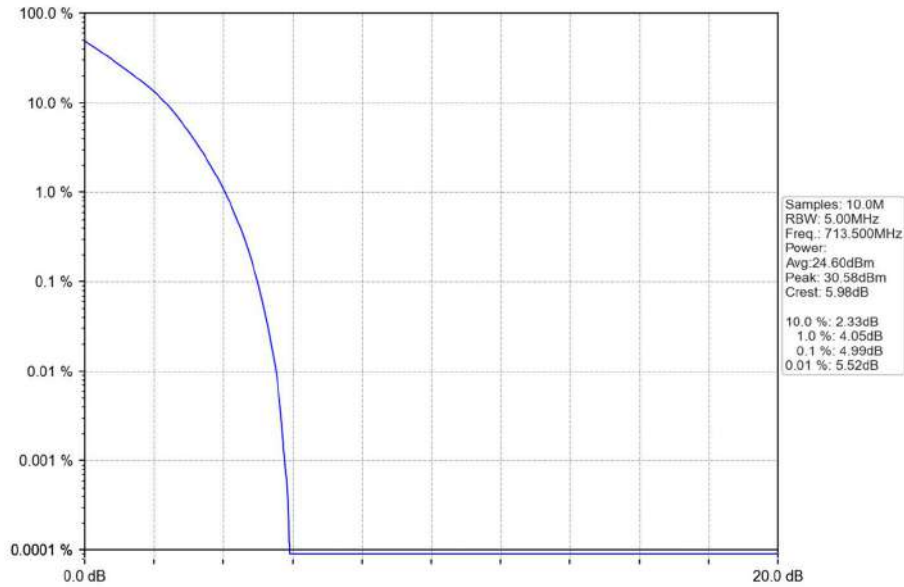
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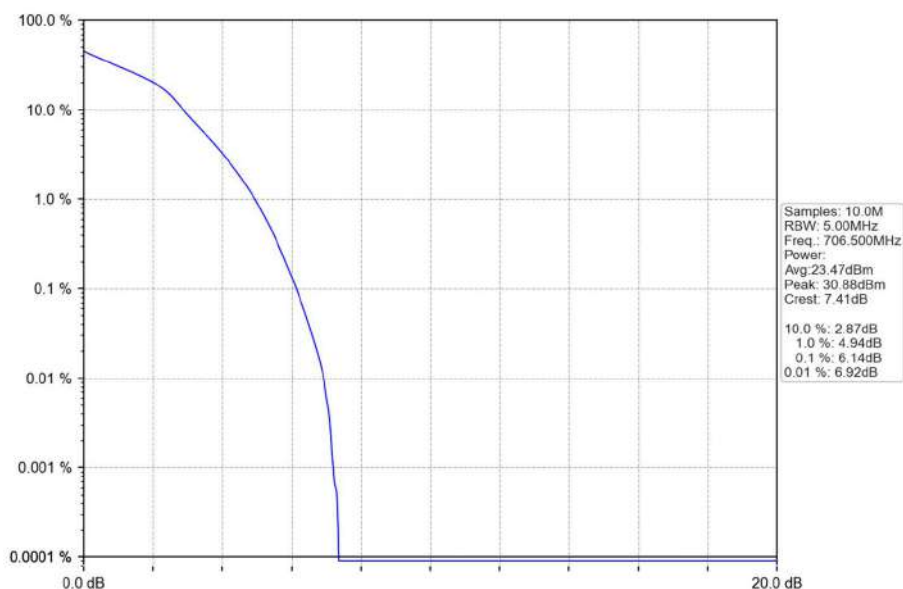
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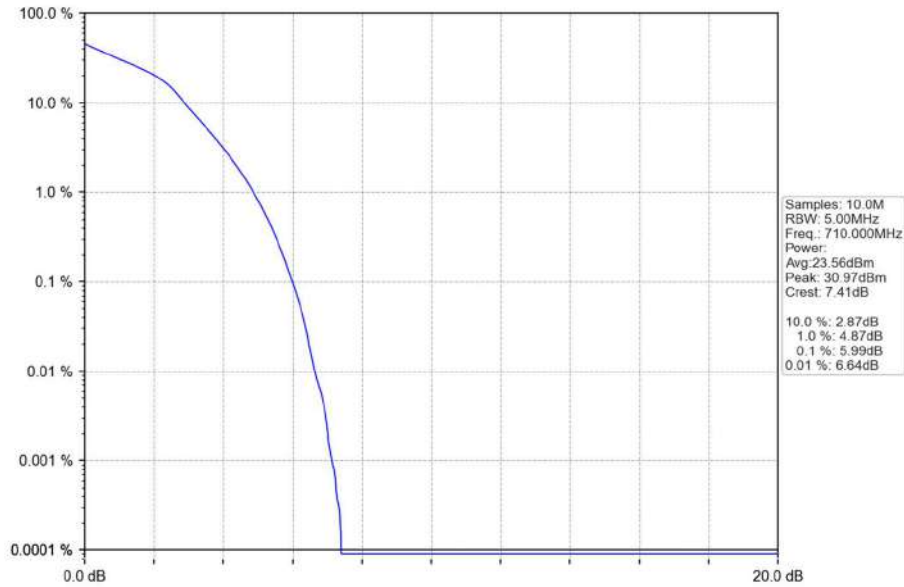
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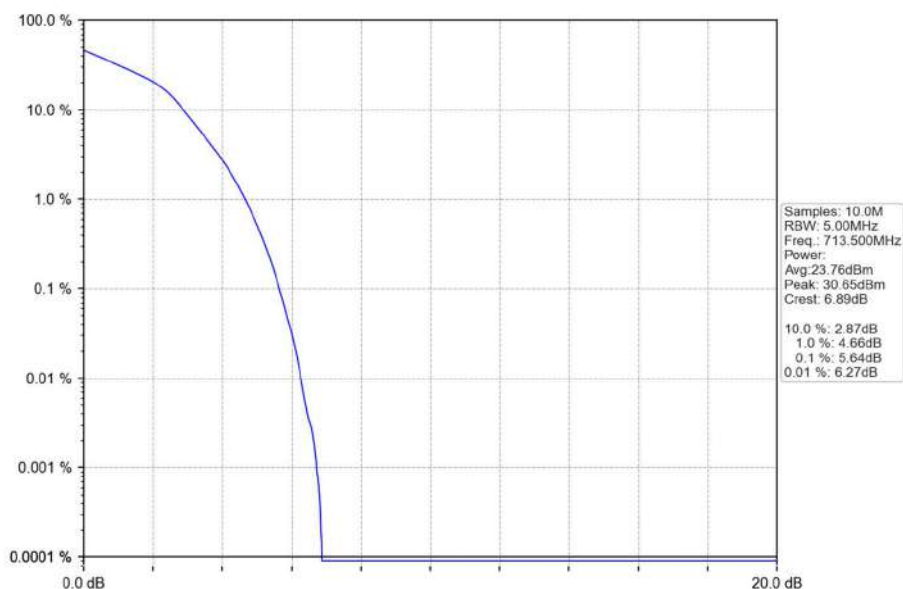
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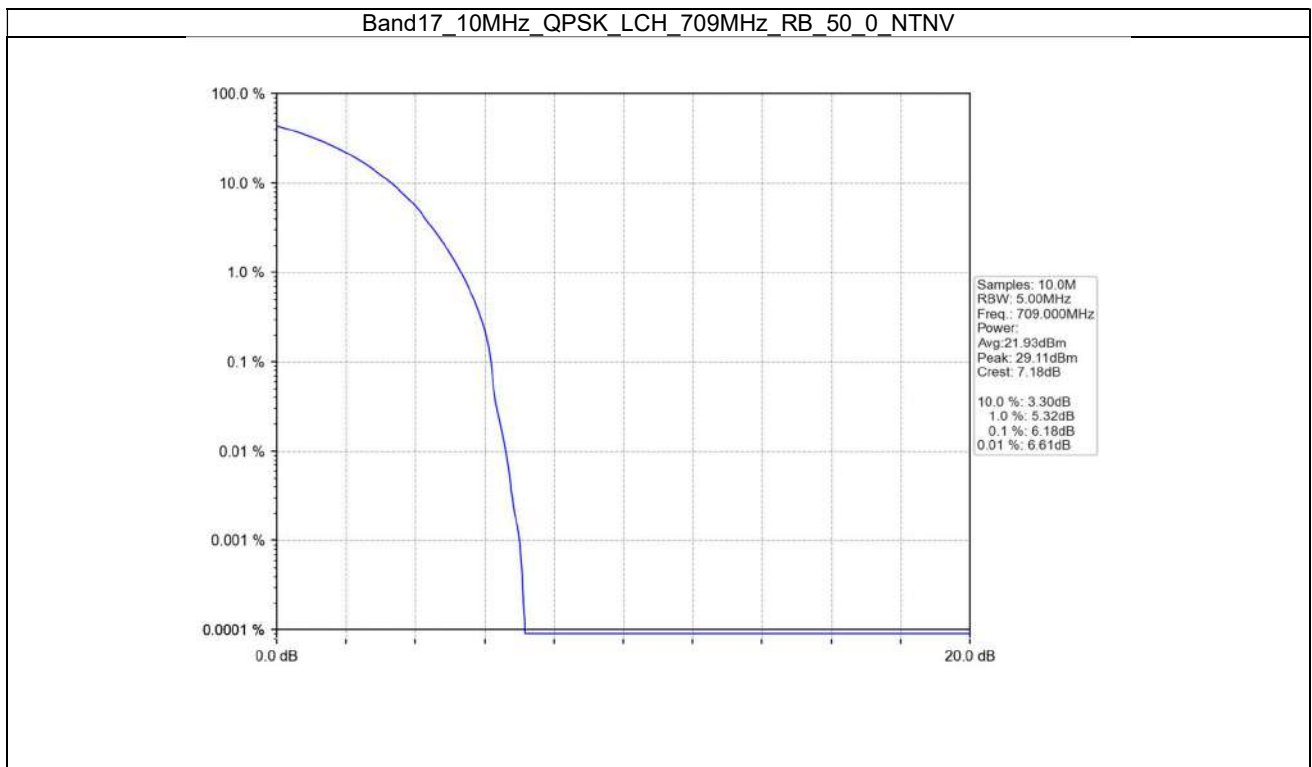


5.2 B17_10MHz

5.2.1 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	6.18	<=13	Pass
	710	50	0	6.21	<=13	Pass
	711	50	0	6.24	<=13	Pass
16QAM	709	50	0	6.84	<=13	Pass
	710	50	0	6.76	<=13	Pass
	711	50	0	6.81	<=13	Pass

5.2.2 Test Graph



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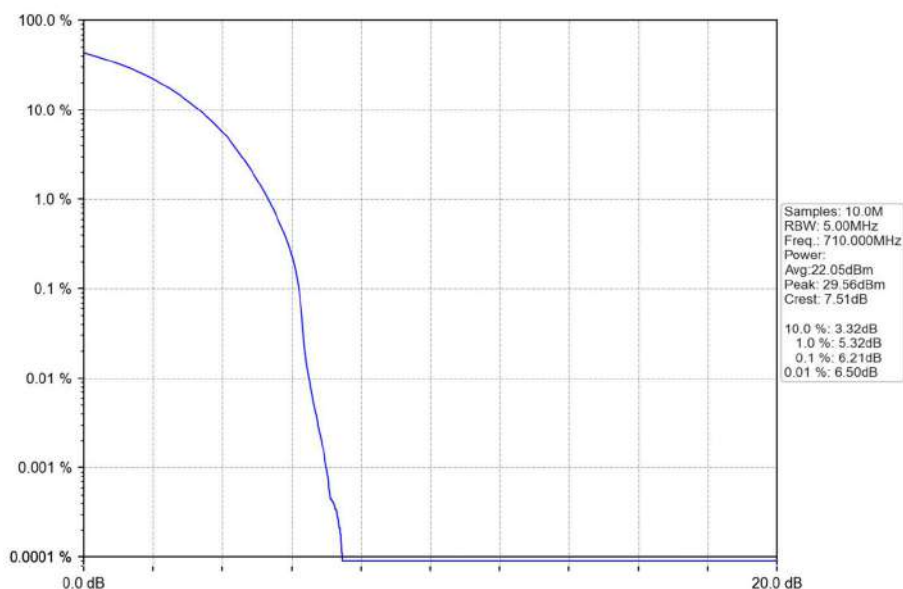
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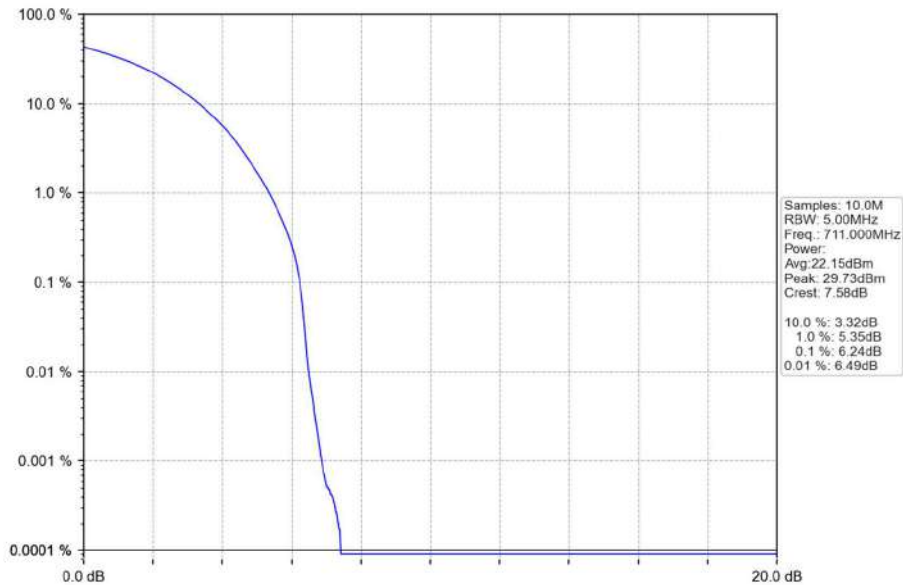
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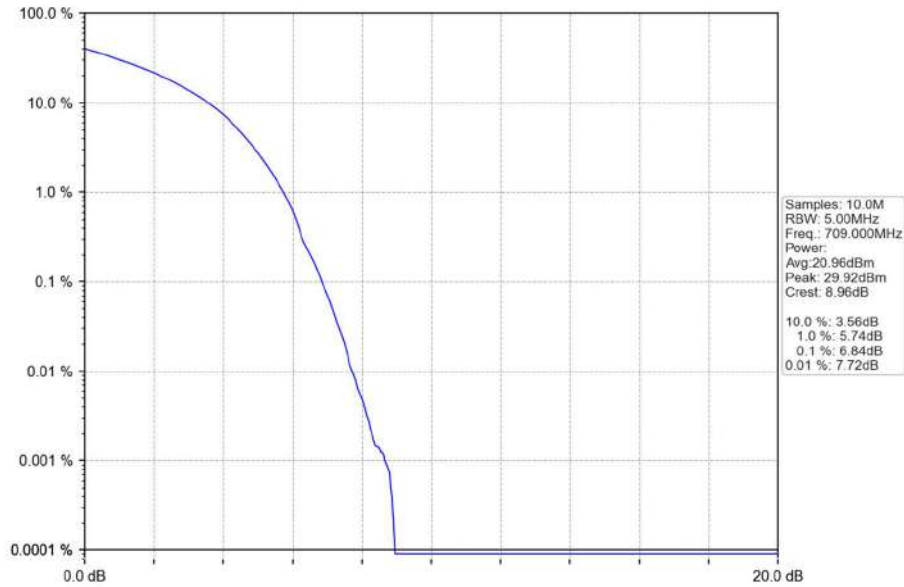
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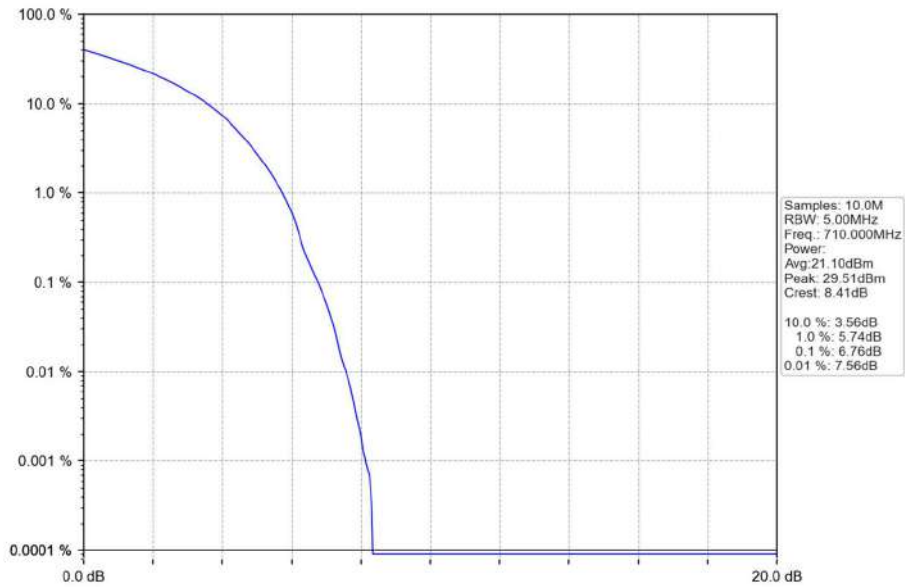
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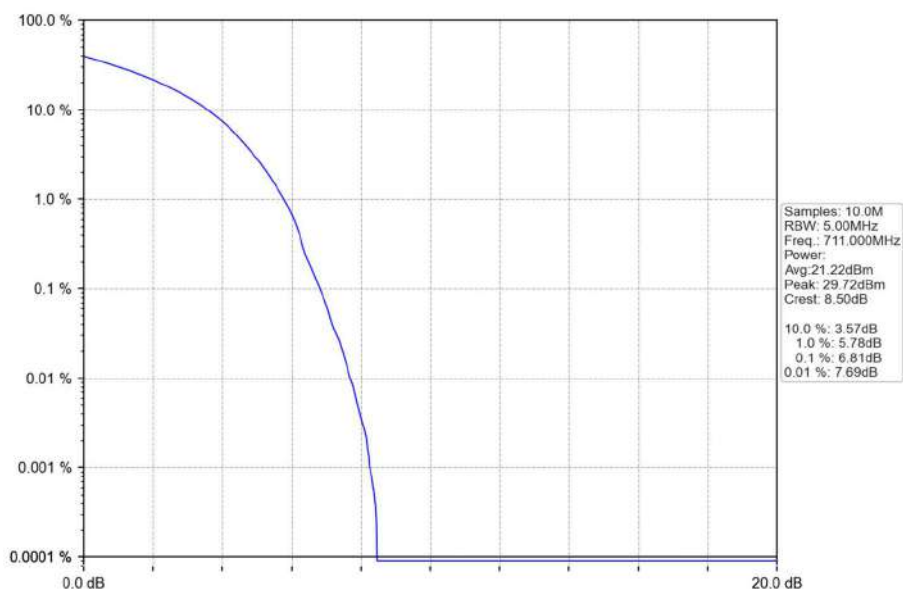
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6. Spurious Emission

6.1 B17_5MHz

6.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	706.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	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
	713.5	1	0	Refer To Test Graph	Pass
		1	24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.



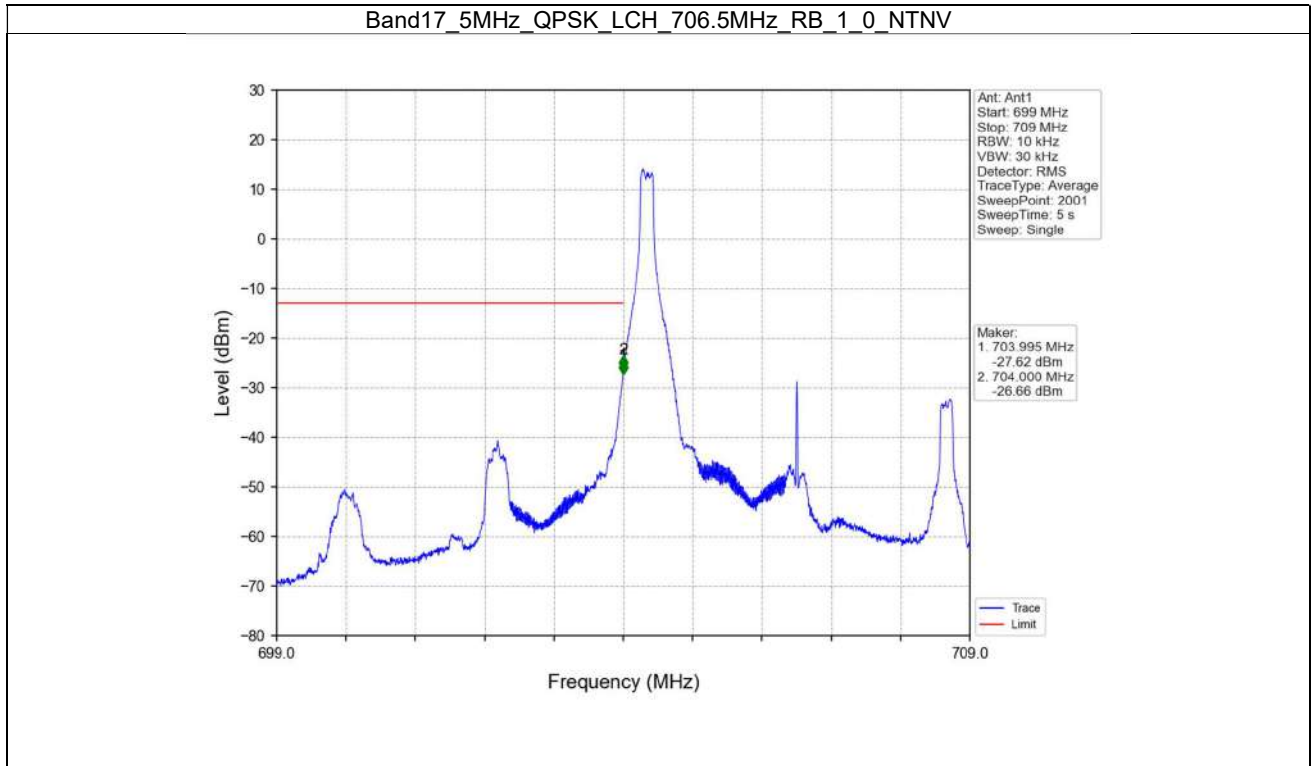
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6.1.2 Test Graph



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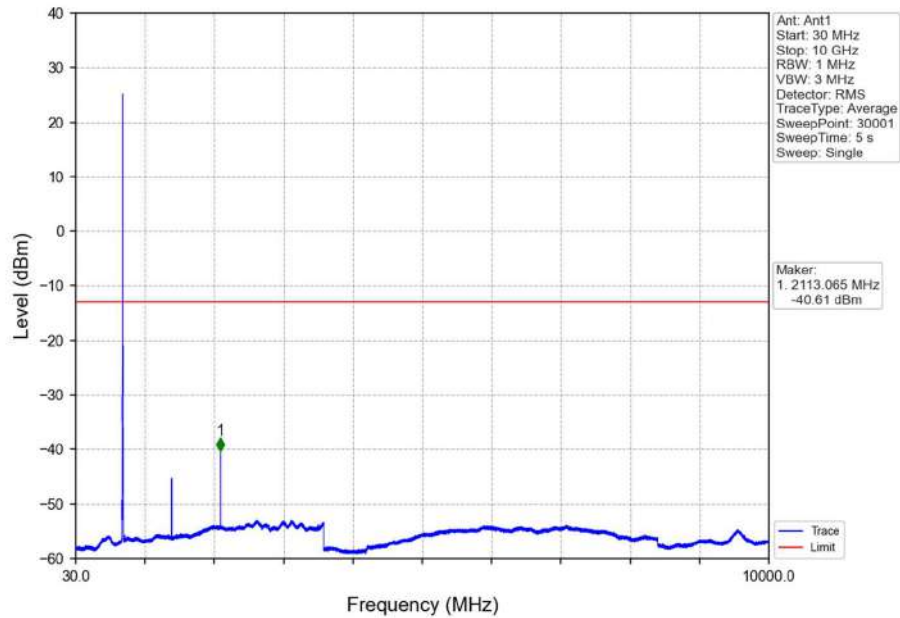
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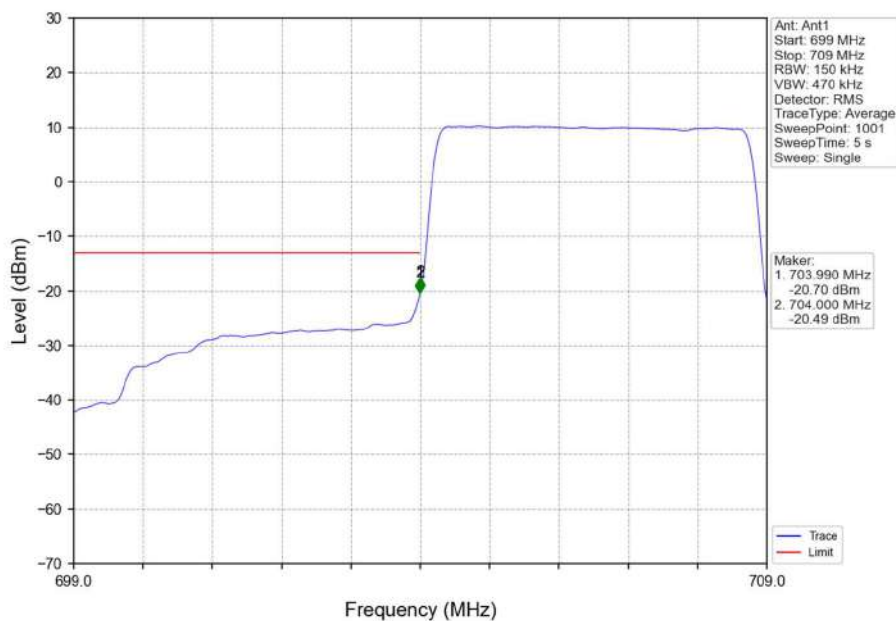
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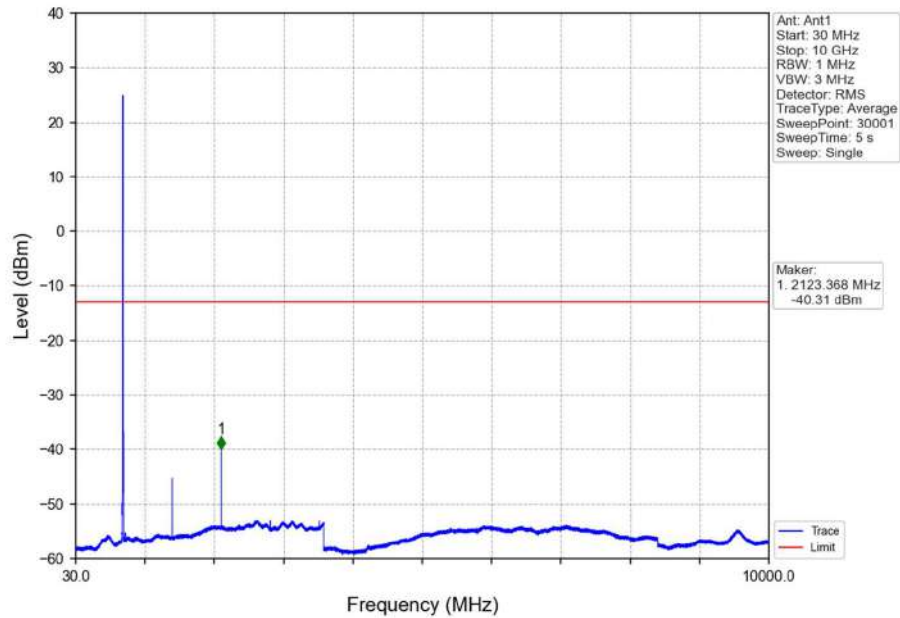
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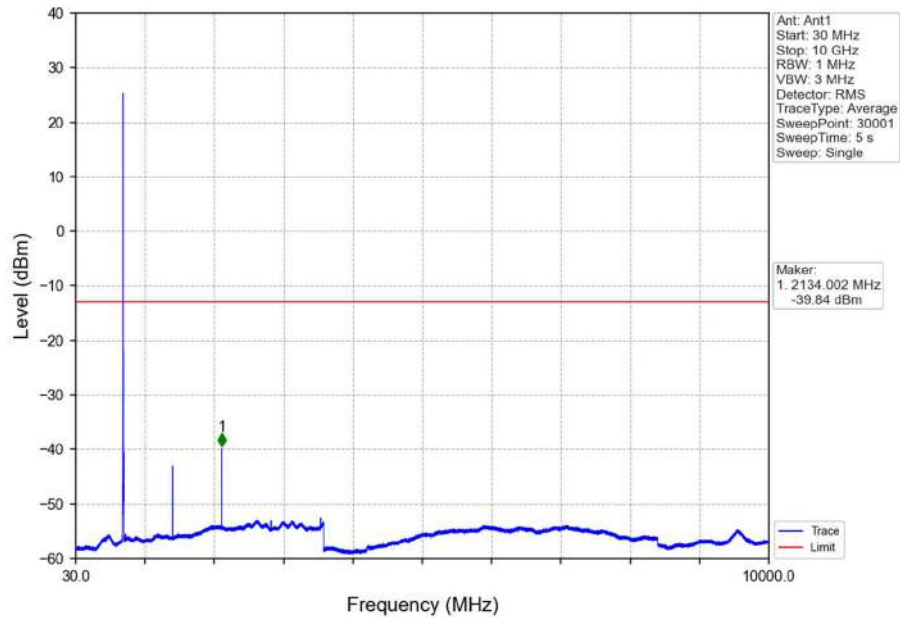
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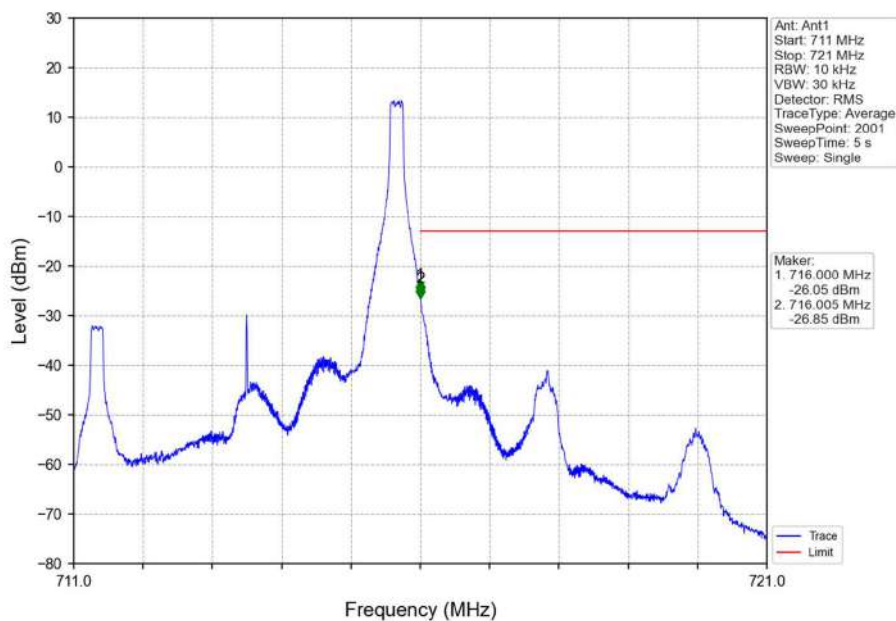
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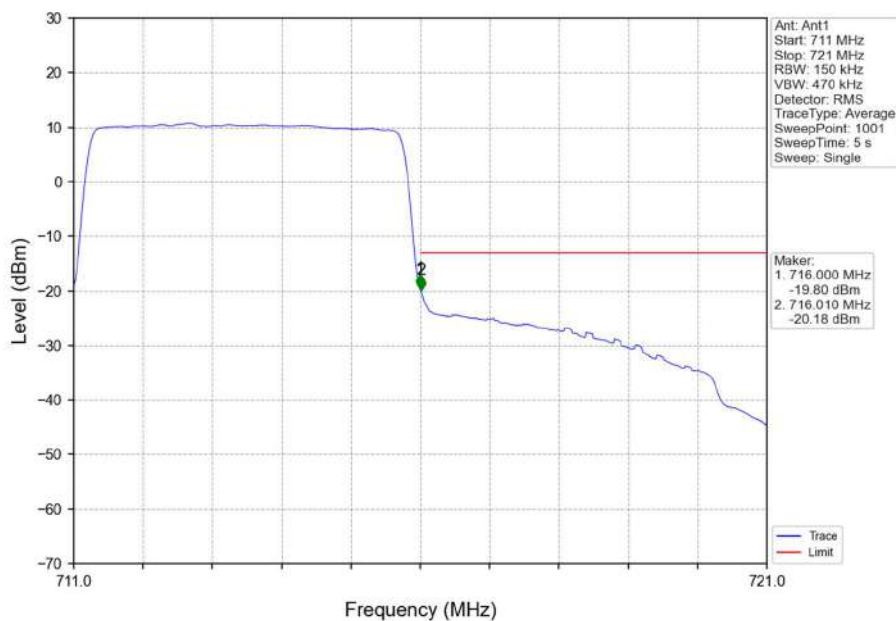
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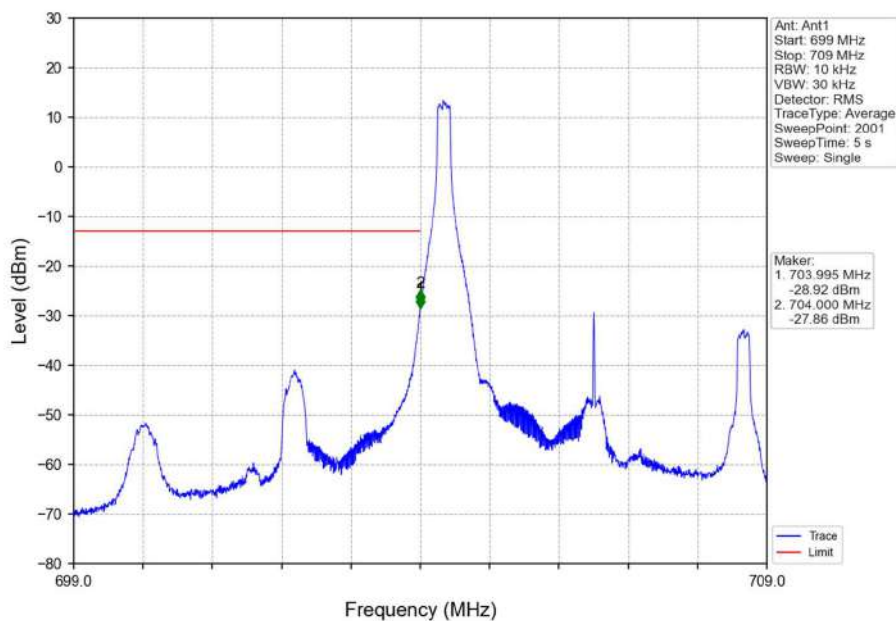
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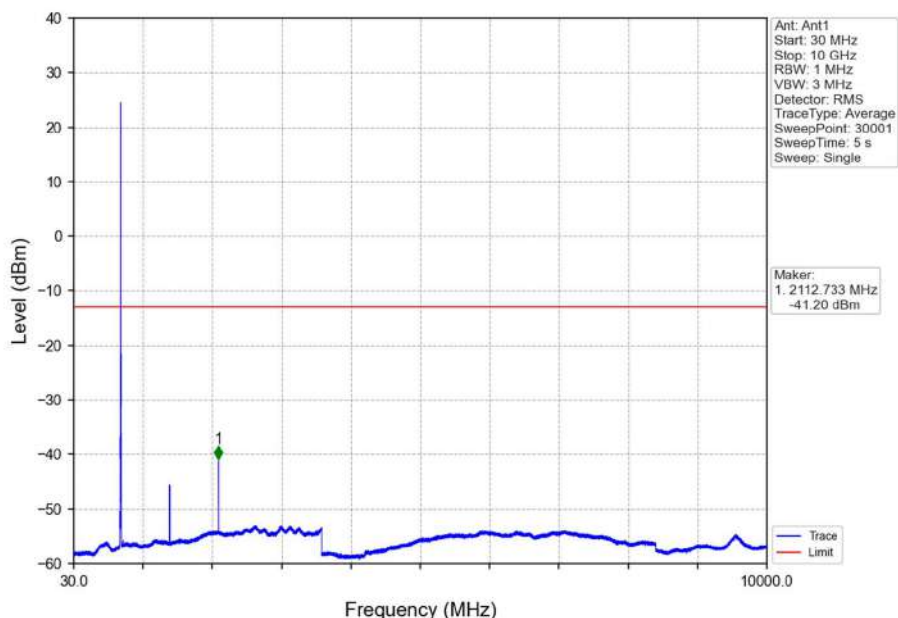
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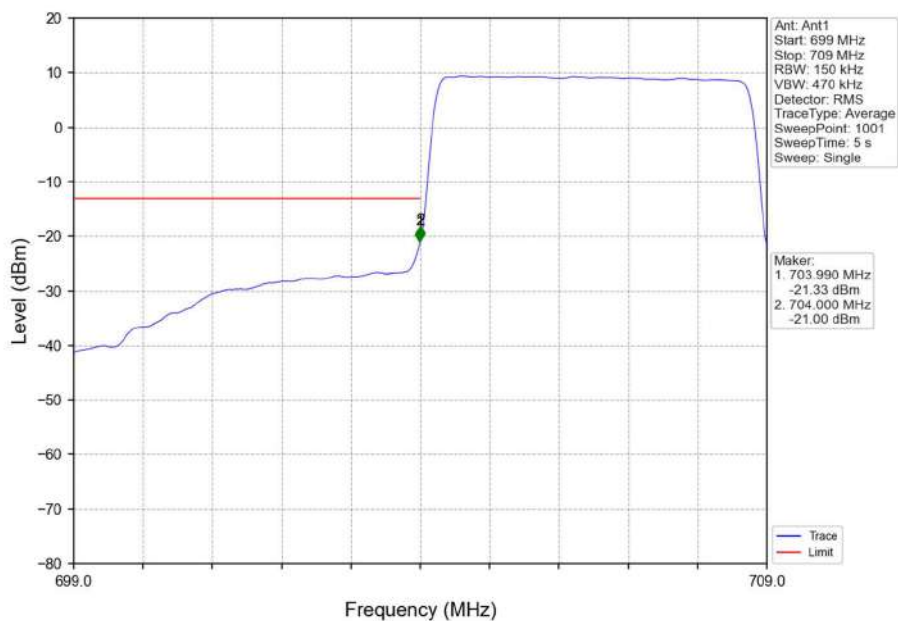
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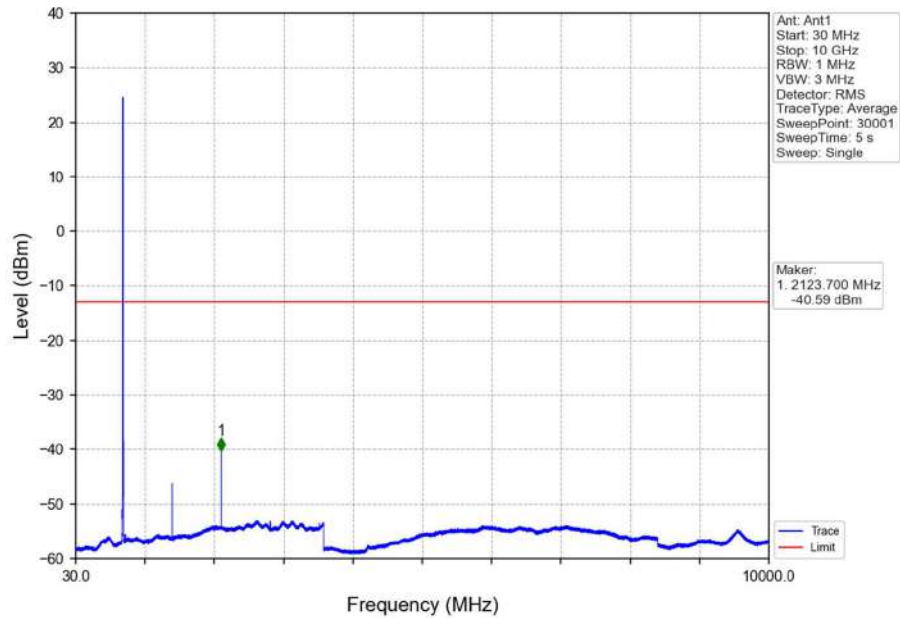
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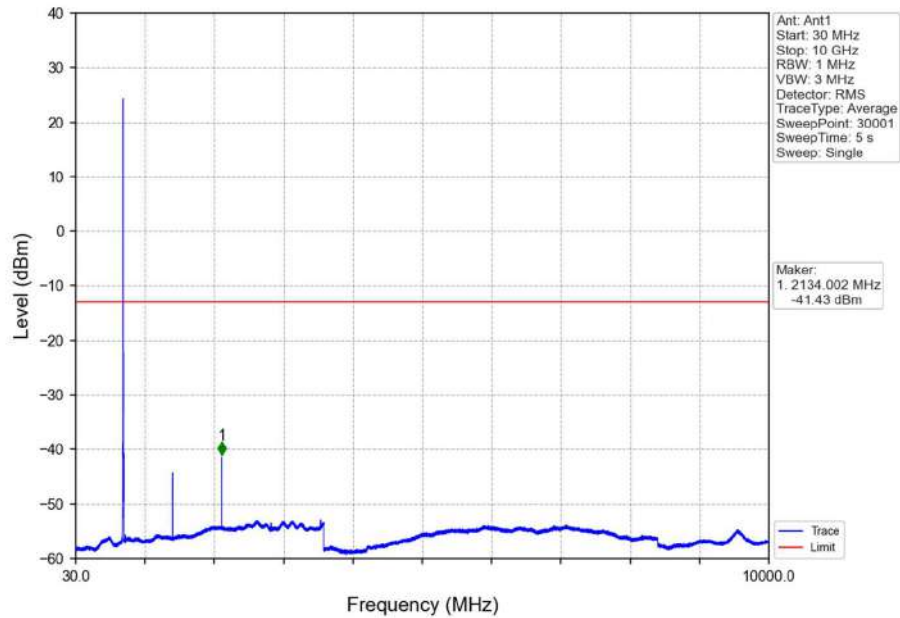
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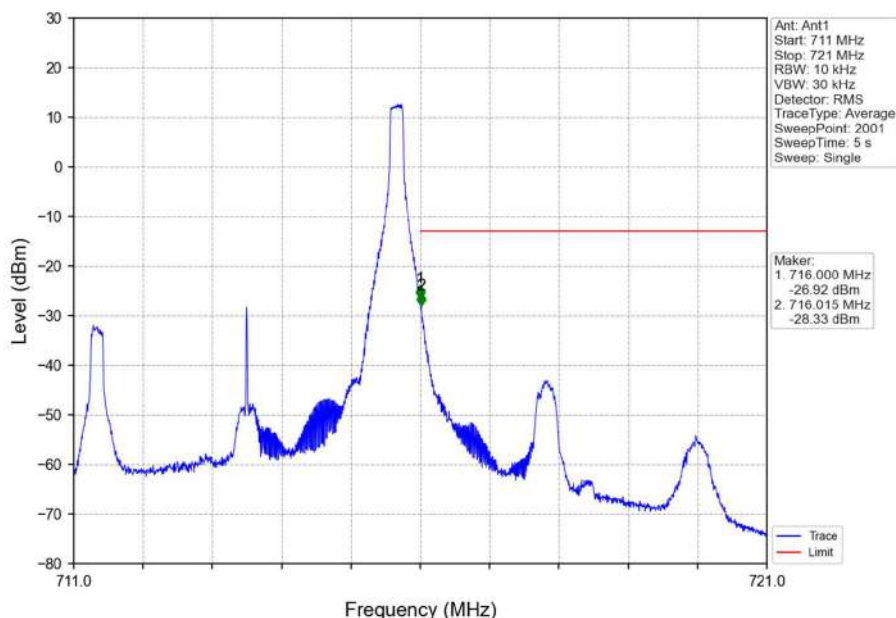
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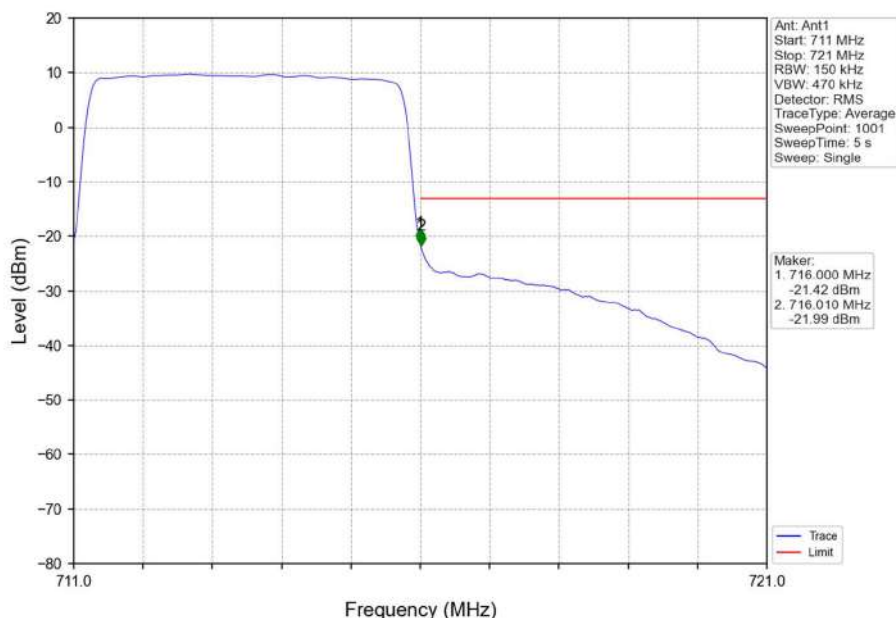
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6.2 B17_10MHz

6.2.1 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	49	Refer To Test Graph		Pass
		50	0	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	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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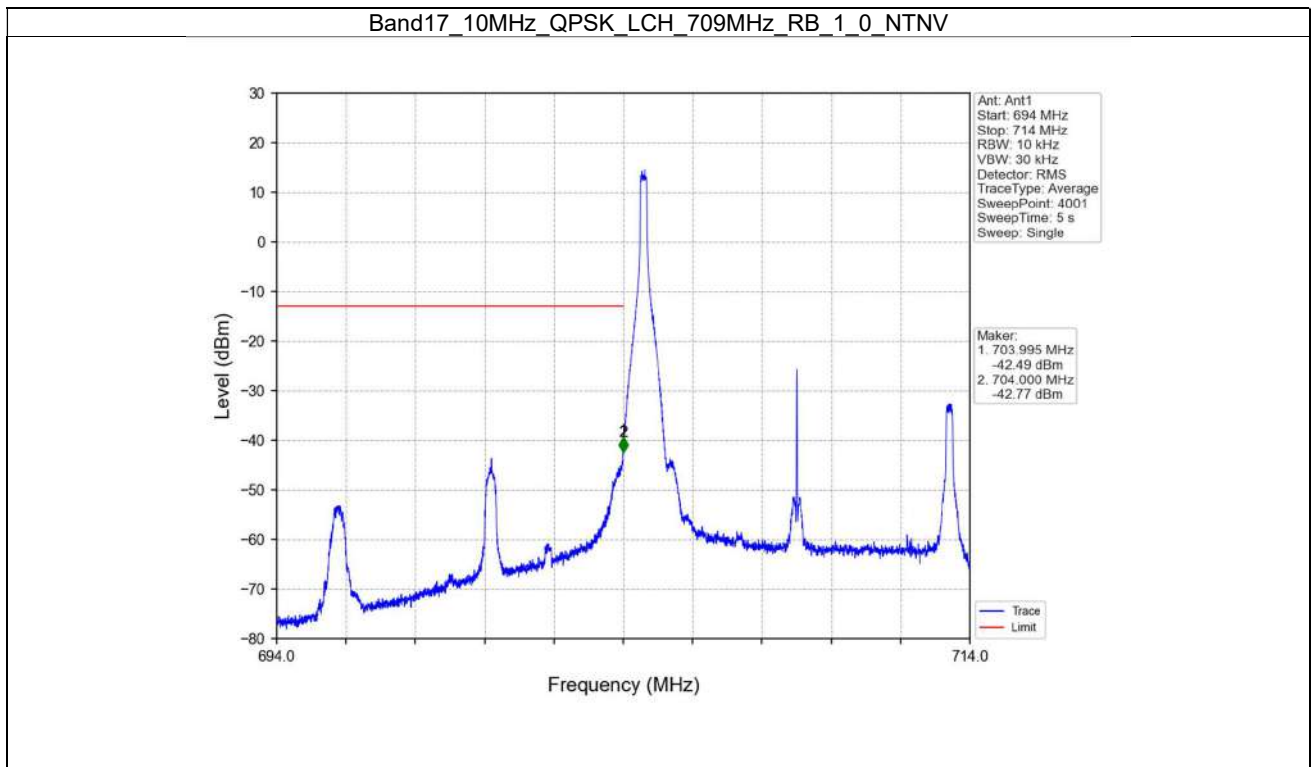
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6.2.2 Test Graph



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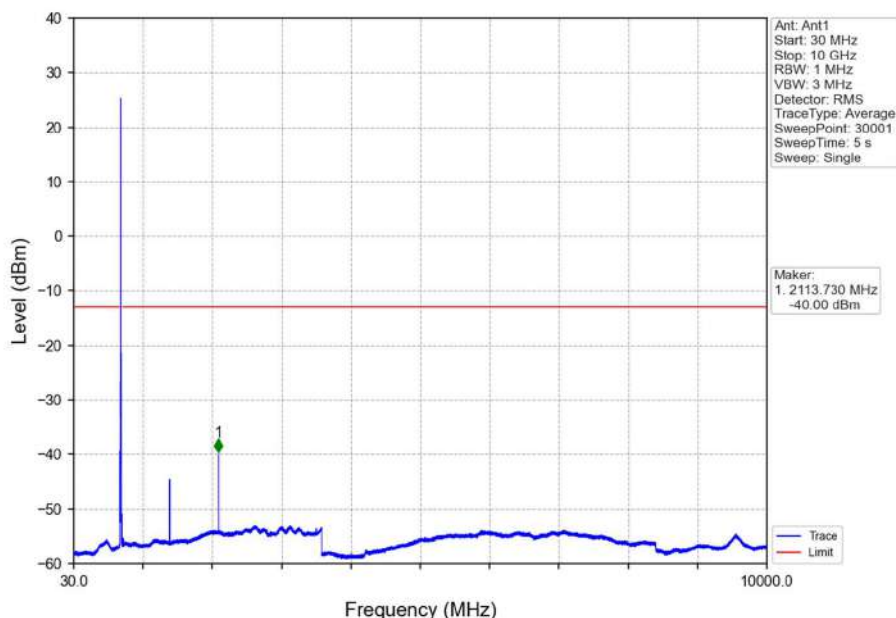
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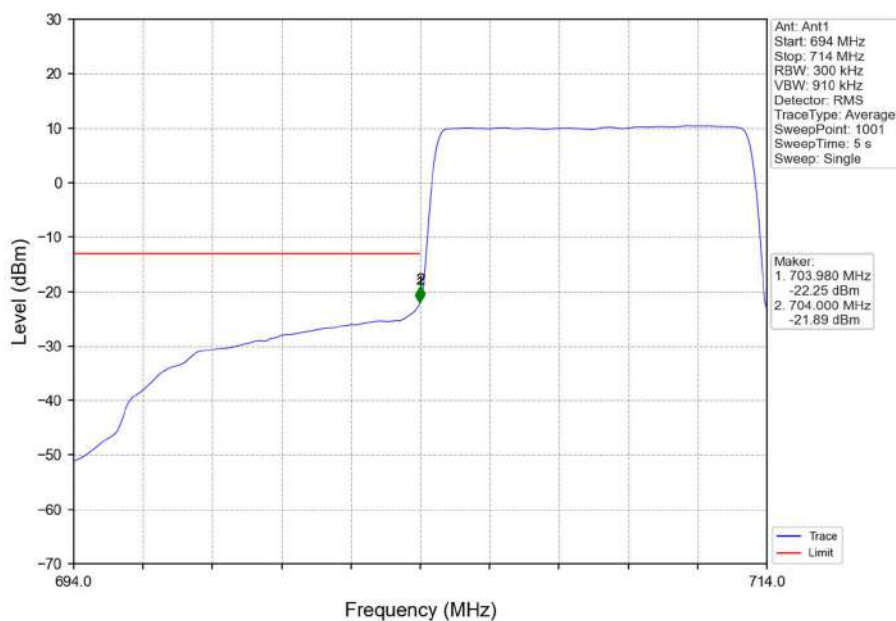
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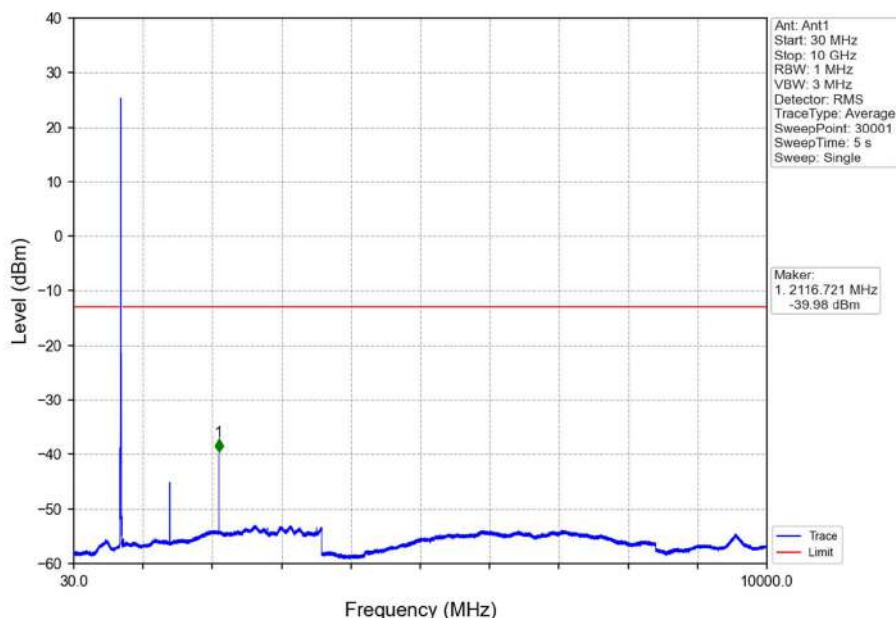
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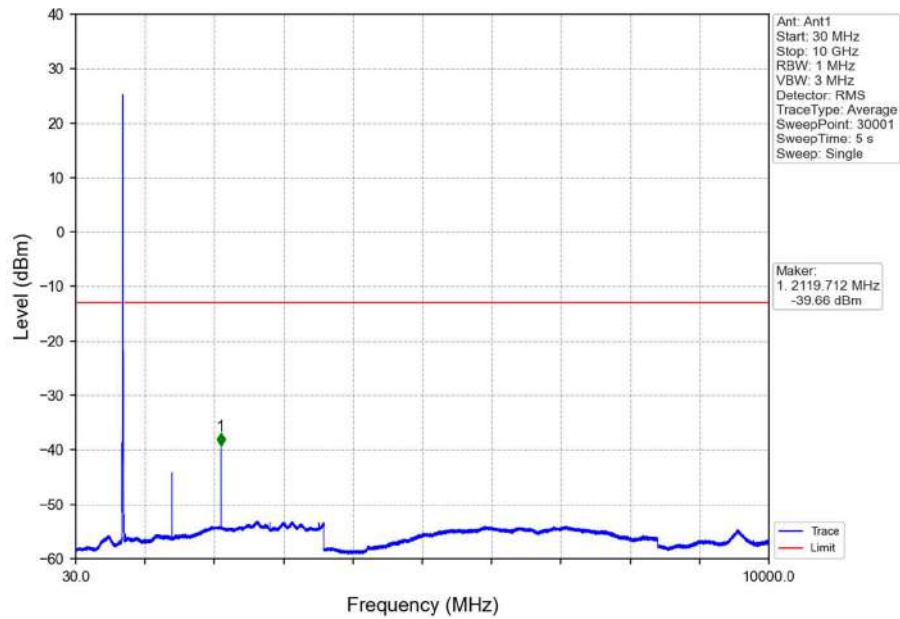
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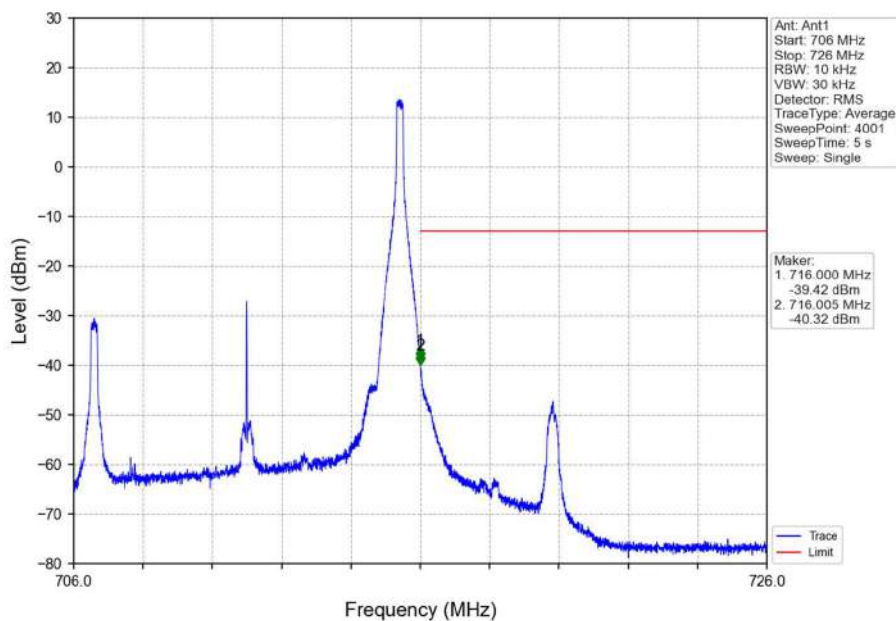
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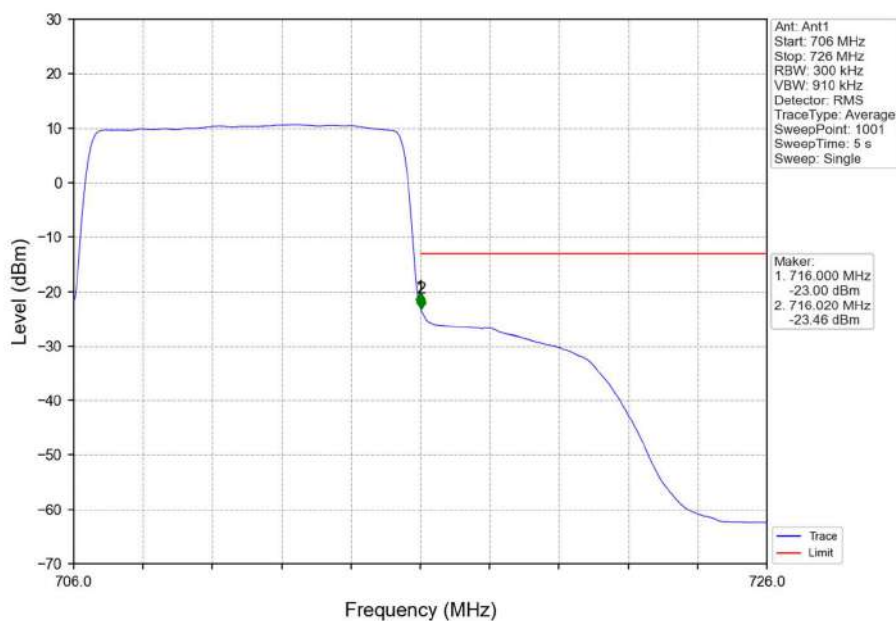
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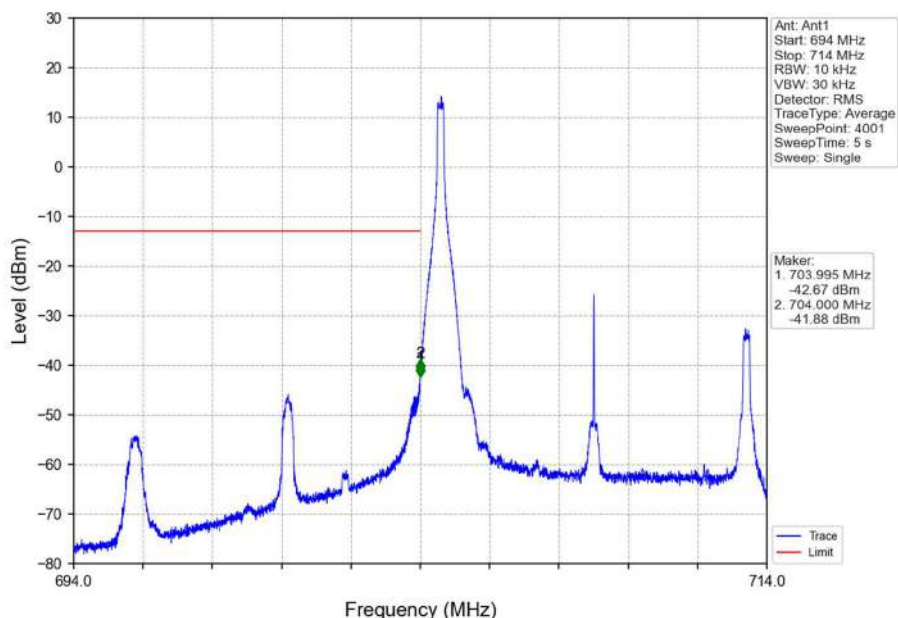
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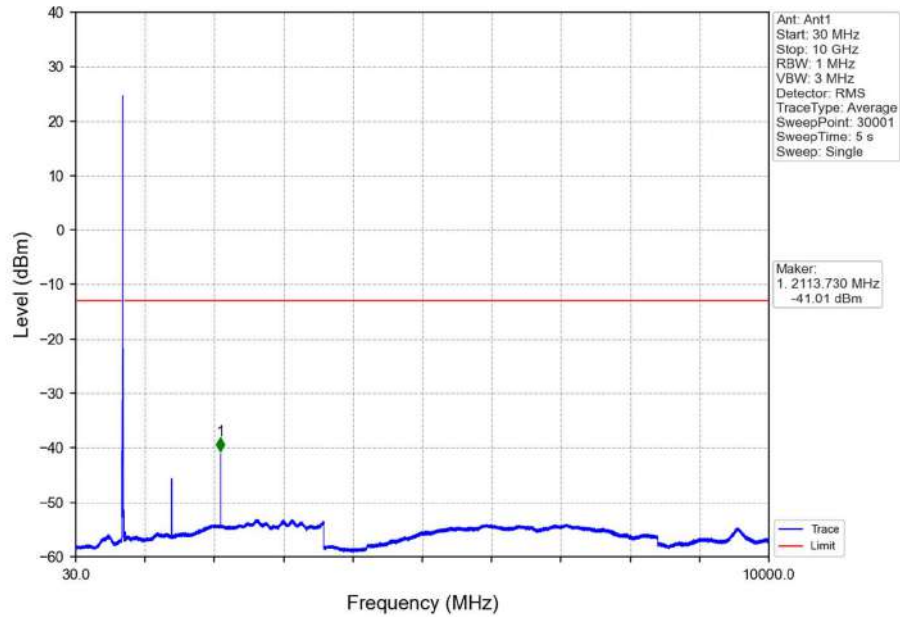
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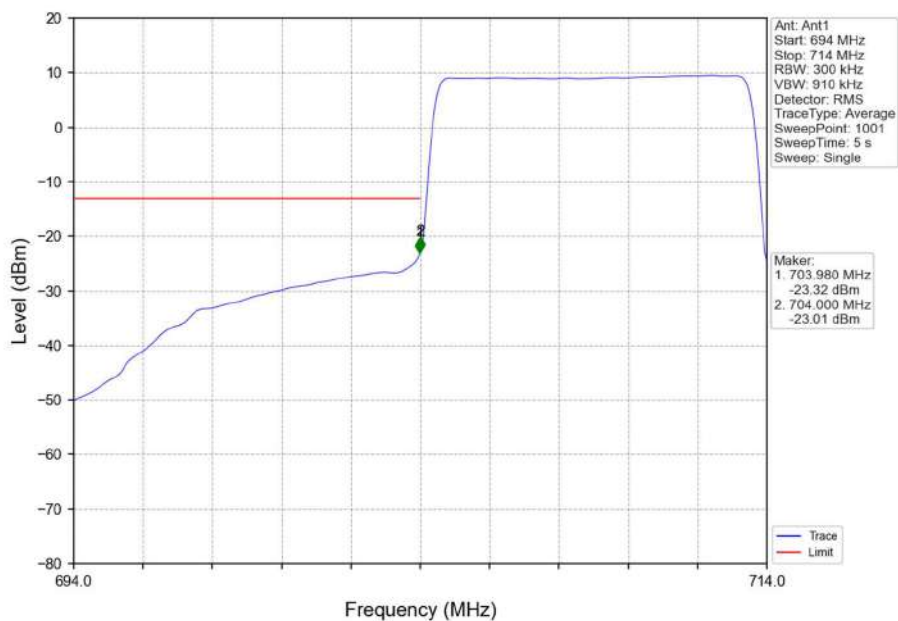
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Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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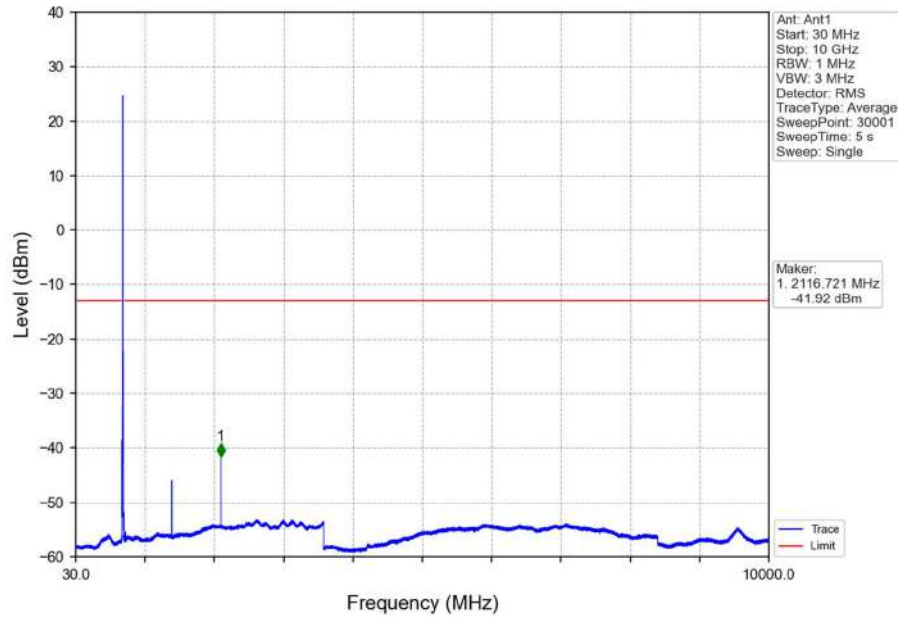
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Band17 10MHz 16QAM MCH 710MHz RB 1 0 NTNV



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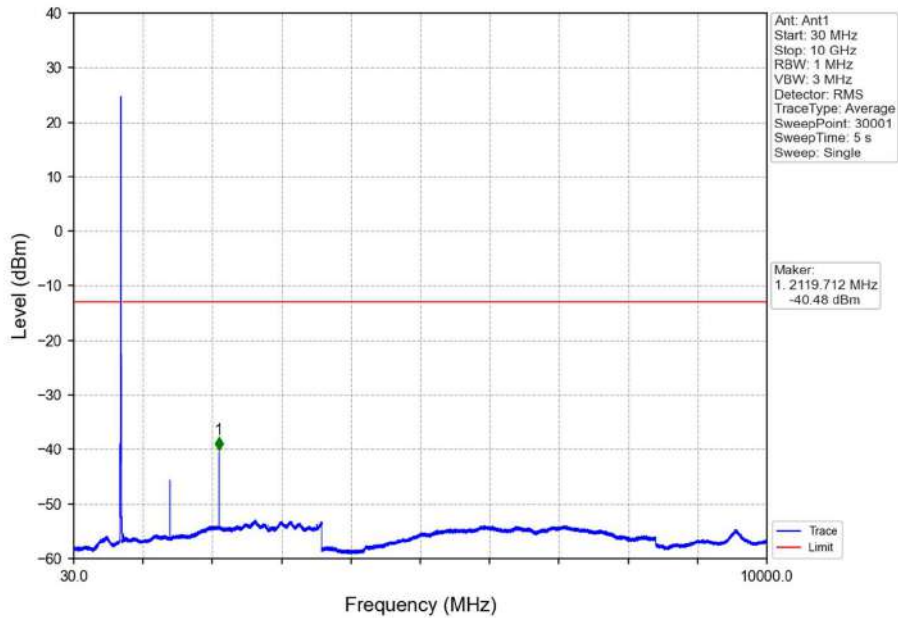
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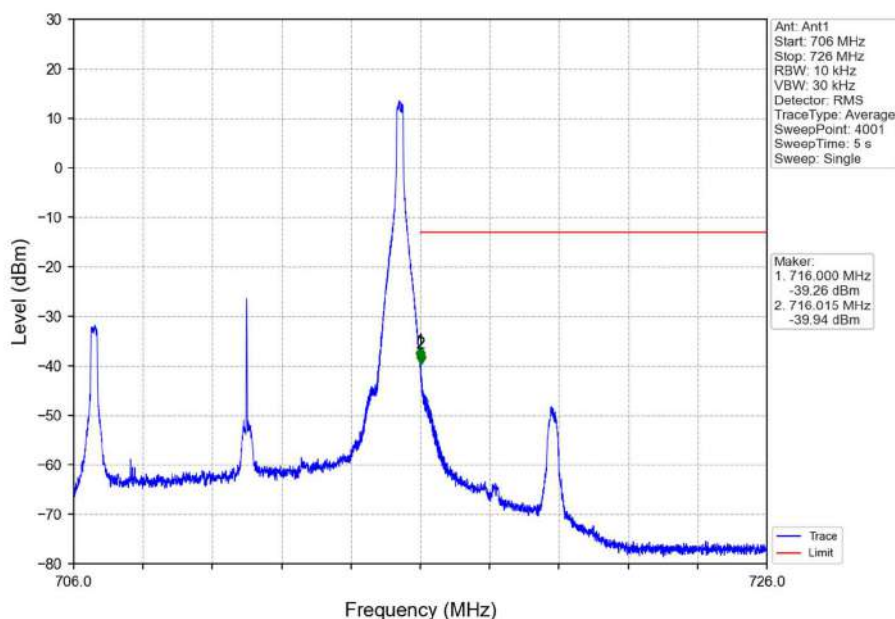
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Band17 10MHz 16QAM HCH 711MHz RB 1 49 NTN



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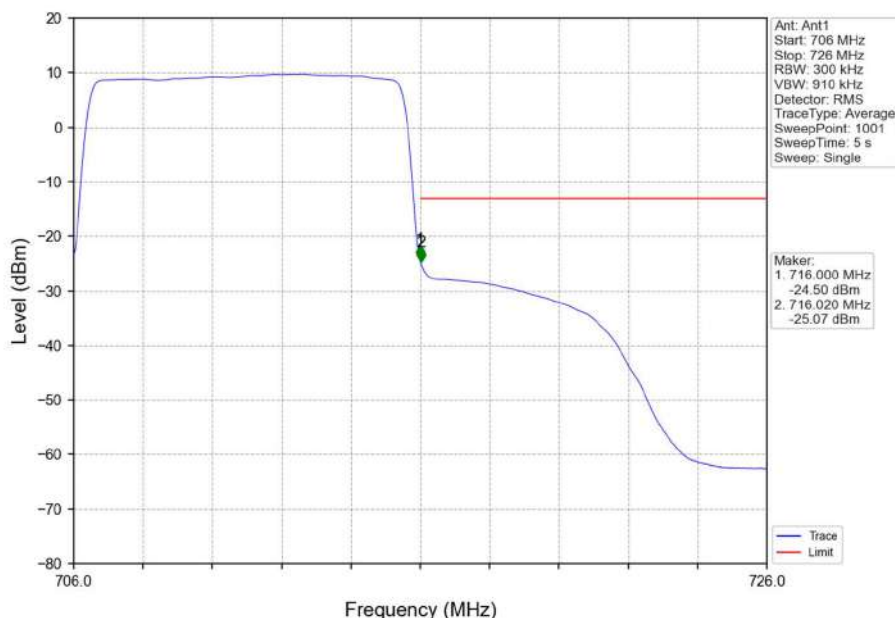
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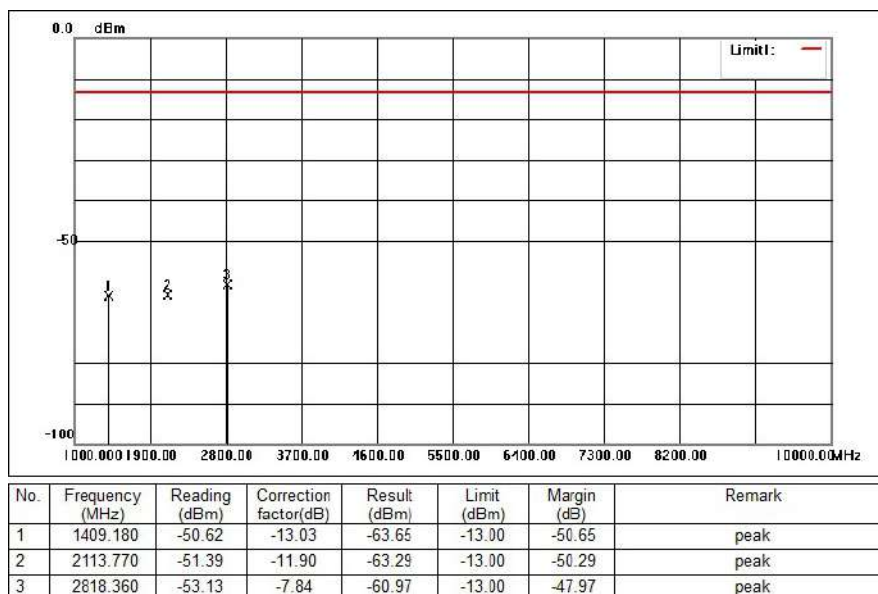


7. Field Strength of Spurious Radiation

Up Antenna

LTE BAND 17-10MHz-Low channel

Polarization: H



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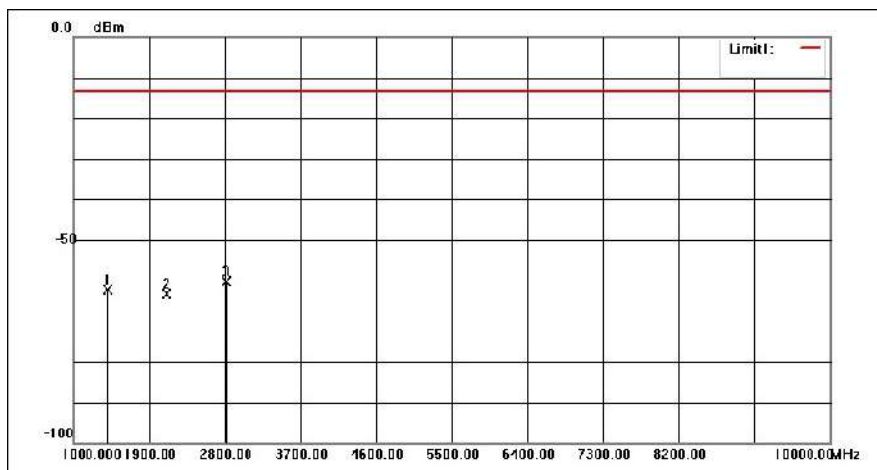
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1409.180	-49.25	-13.03	-62.28	-13.00	-49.28	peak
2	2113.770	-51.57	-11.90	-63.47	-13.00	-50.47	peak
3	2618.360	-52.61	-7.84	-60.45	-13.00	-47.45	peak



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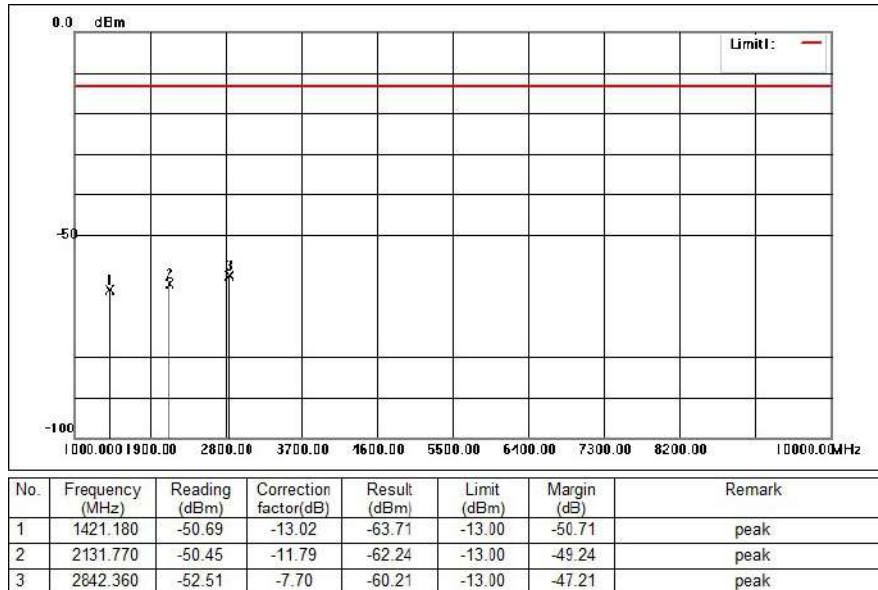
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LTE BAND 17-10MHz-Middle channel

Polarization: H



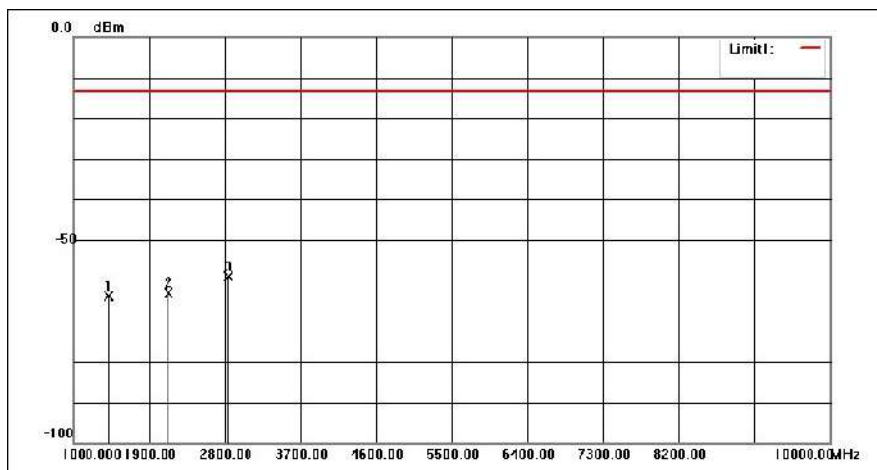
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1421.180	-50.94	-13.02	-63.96	-13.00	-50.96	peak
2	2131.770	-51.44	-11.79	-63.23	-13.00	-50.23	peak
3	2842.360	-51.49	-7.70	-59.19	-13.00	-46.19	peak



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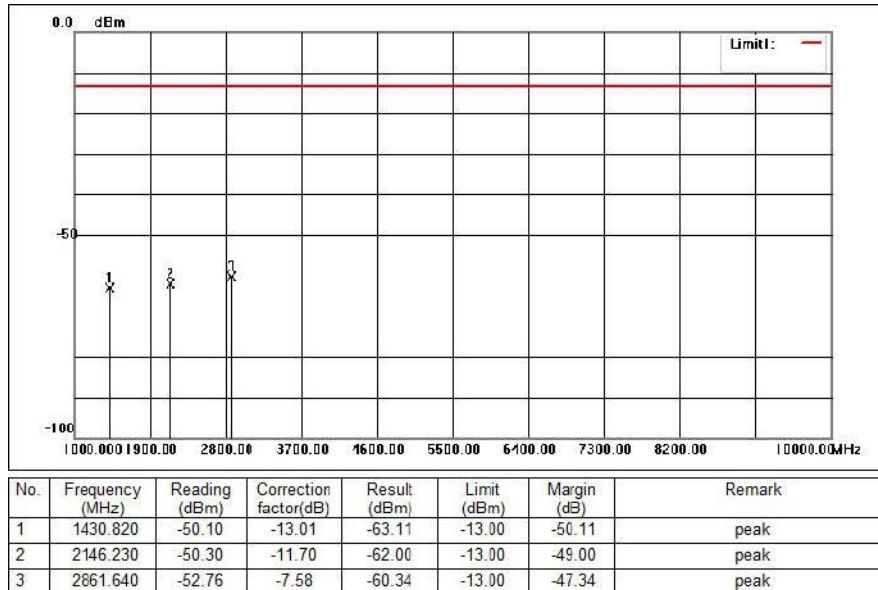
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LTE BAND 17-10MHz-High channel

Polarization: H



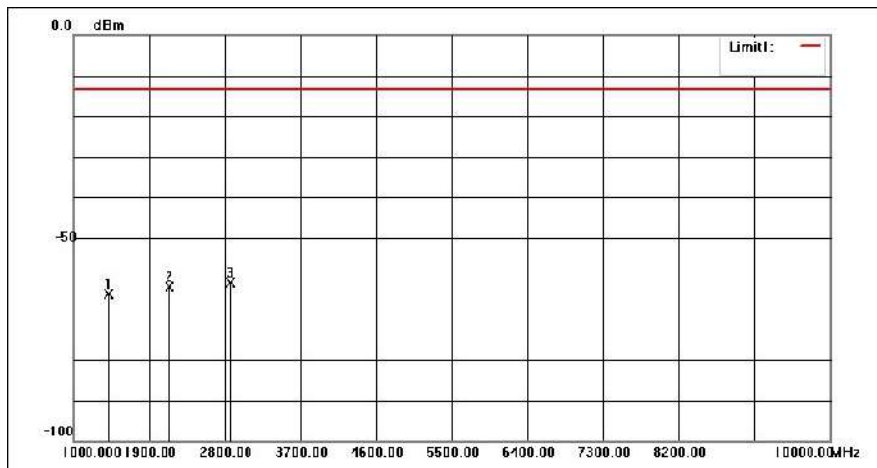
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.820	-50.97	-13.01	-63.98	-13.00	-50.98	peak
2	2146.230	-50.32	-11.70	-62.02	-13.00	-49.02	peak
3	2861.640	-53.42	-7.58	-61.00	-13.00	-48.00	peak



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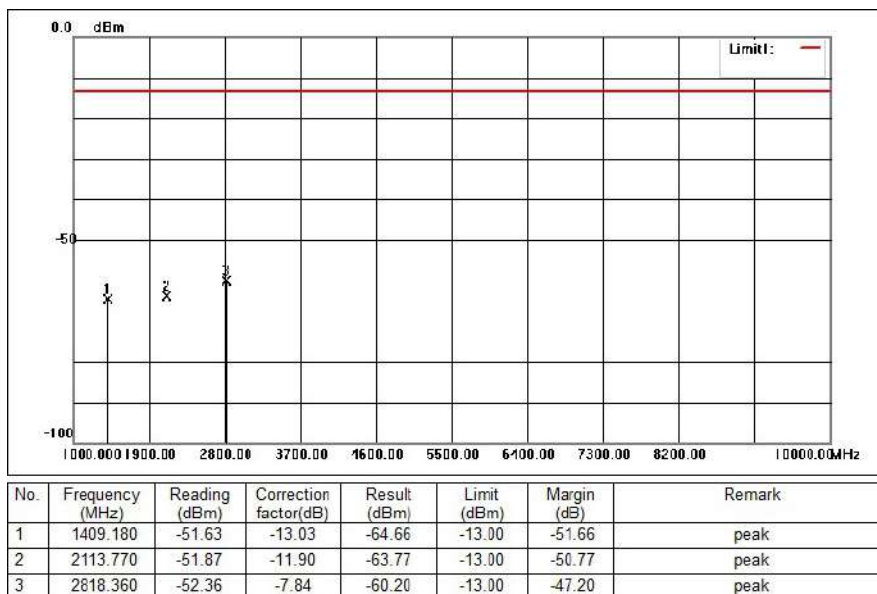
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Down Antenna

LTE BAND 17-10MHz-Low channel

Polarization: H



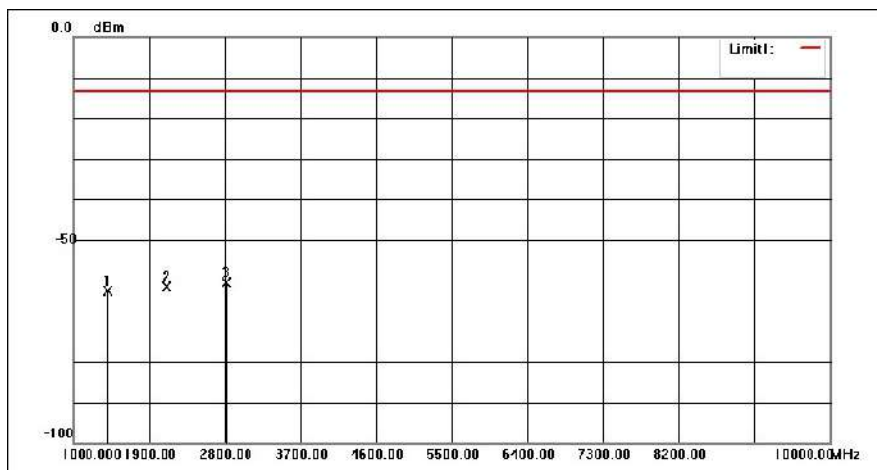
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1409.180	-49.54	-13.03	-62.57	-13.00	-49.57	peak
2	2113.770	-49.79	-11.90	-61.69	-13.00	-48.69	peak
3	2618.360	-52.67	-7.84	-60.51	-13.00	-47.51	peak



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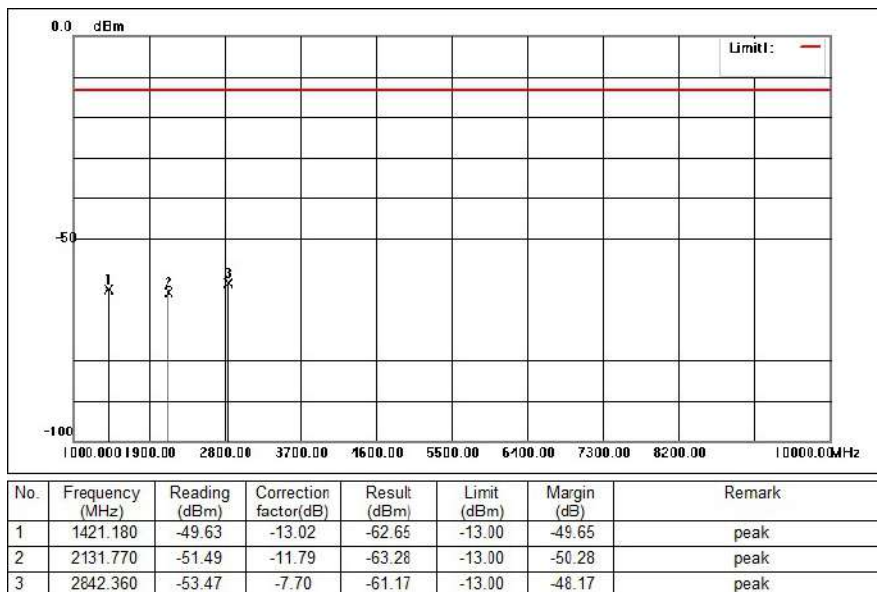
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LTE BAND 17-10MHz-Middle channel

Polarization: H



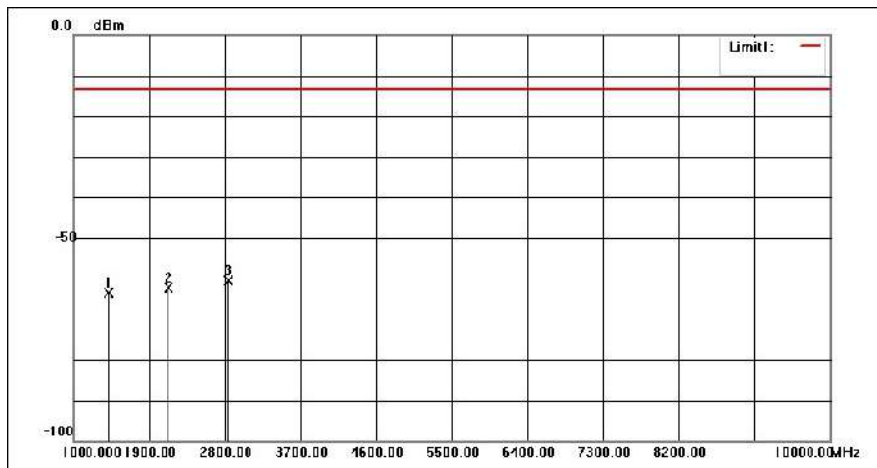
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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1421.180	-50.64	-13.02	-63.66	-13.00	-50.66	peak
2	2131.770	-50.67	-11.79	-62.46	-13.00	-49.46	peak
3	2842.360	-52.80	-7.70	-60.50	-13.00	-47.50	peak



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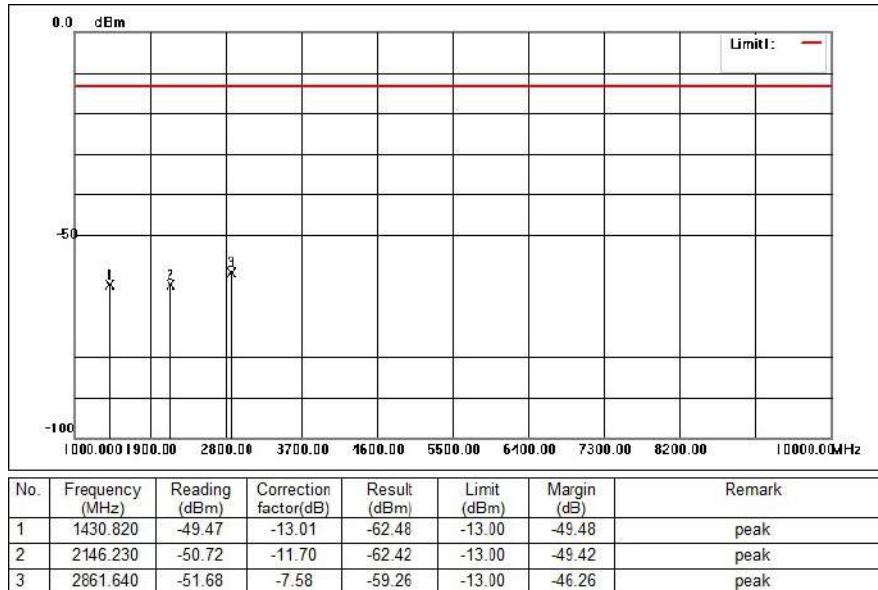
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LTE BAND 17-10MHz-High channel

Polarization: H



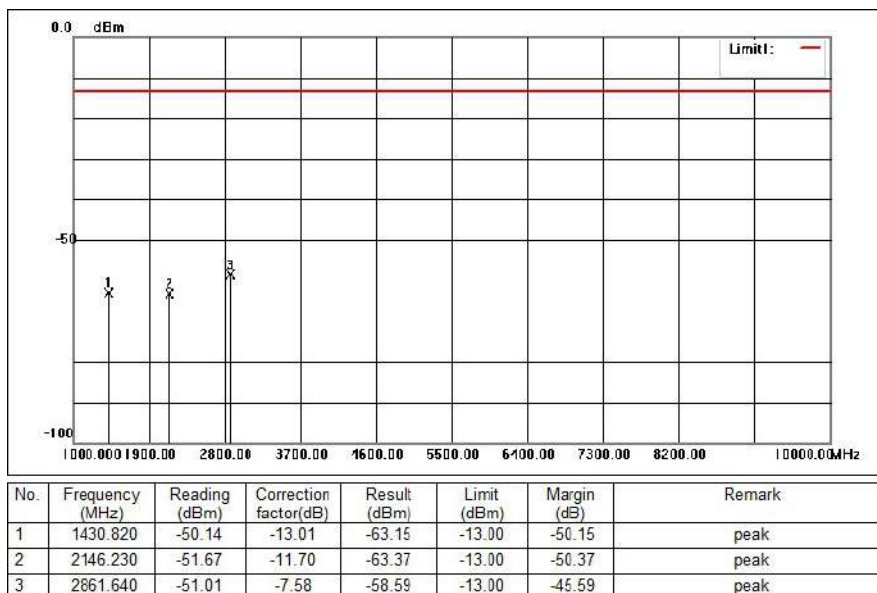
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Remark1:According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark2:The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



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