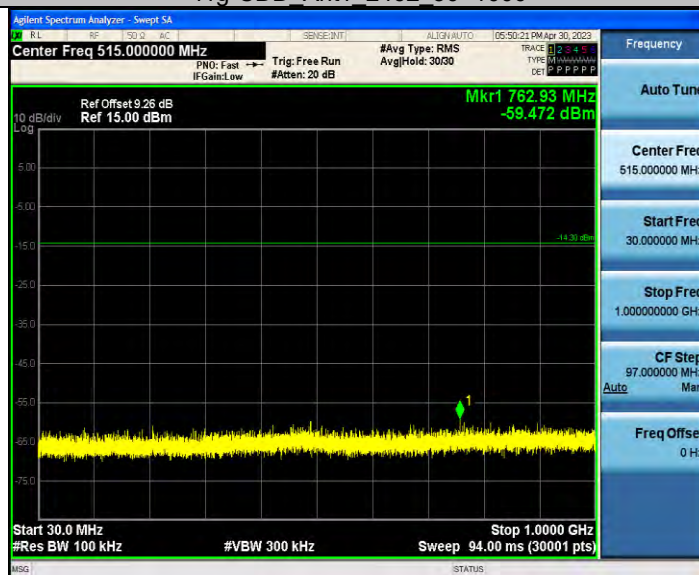


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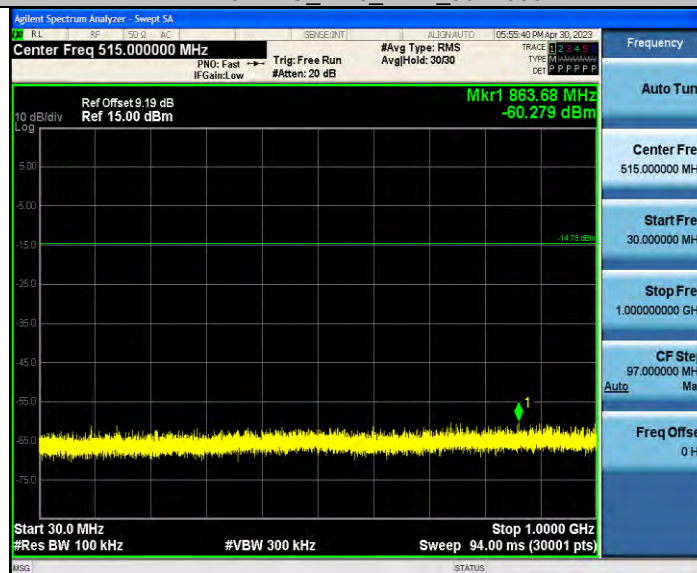
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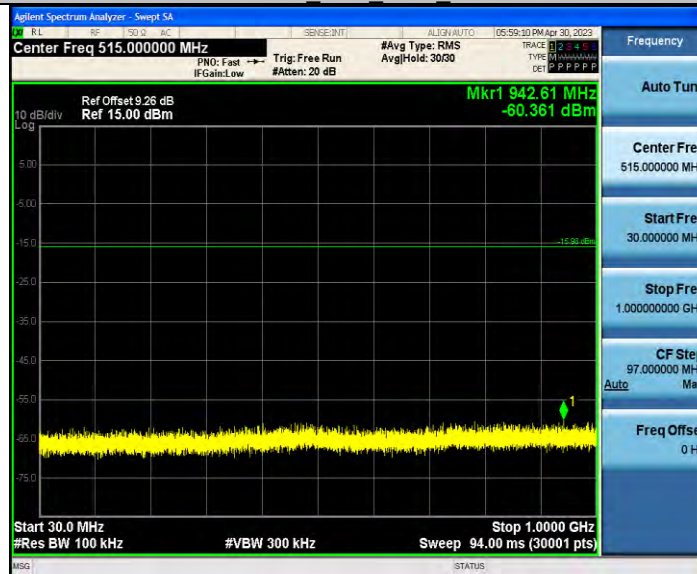
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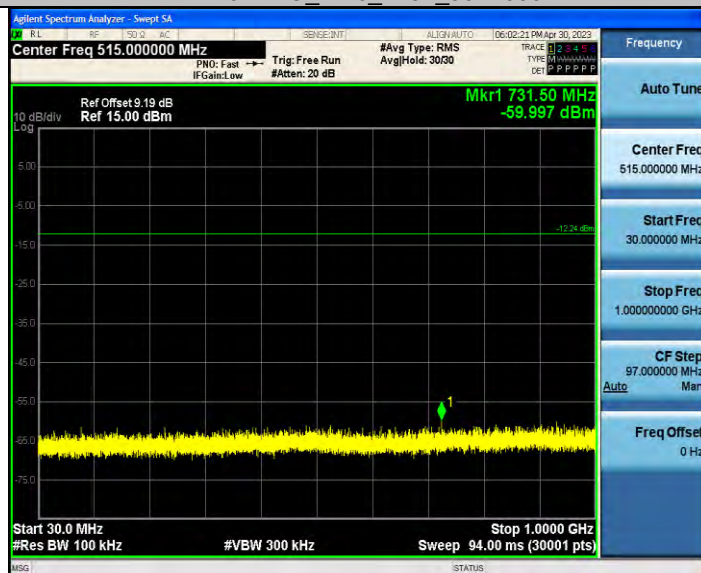
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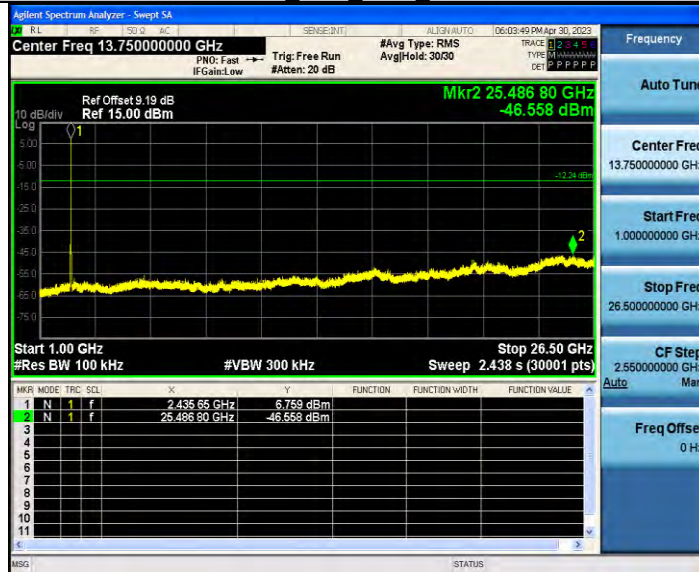
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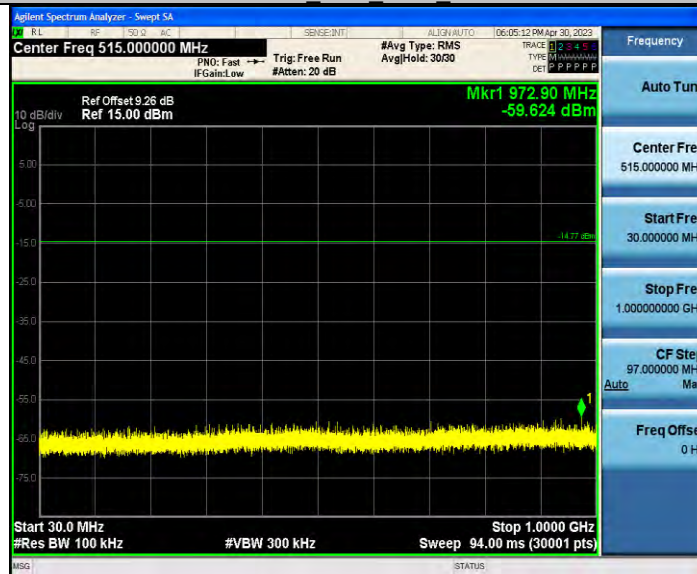


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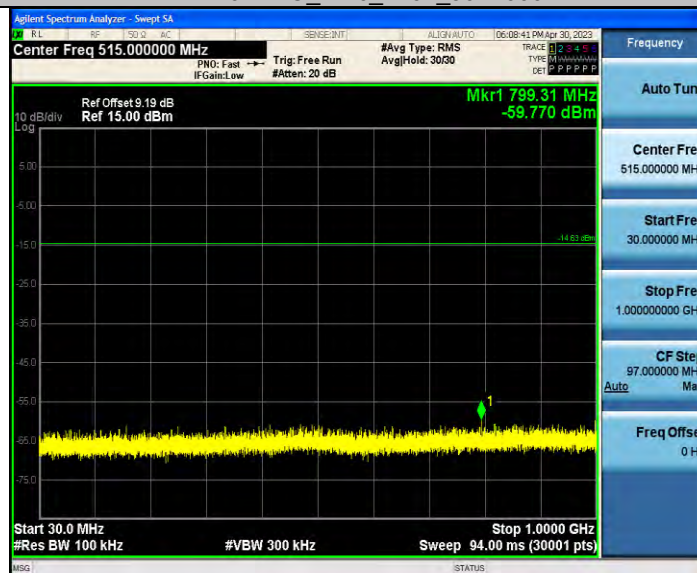
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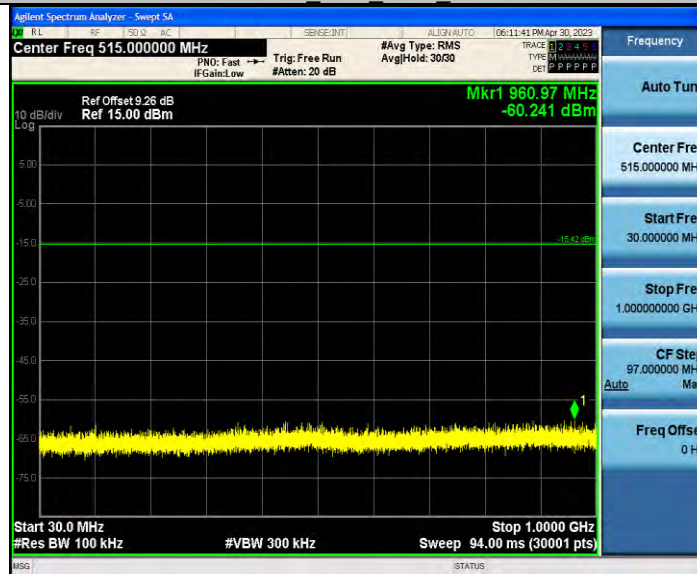


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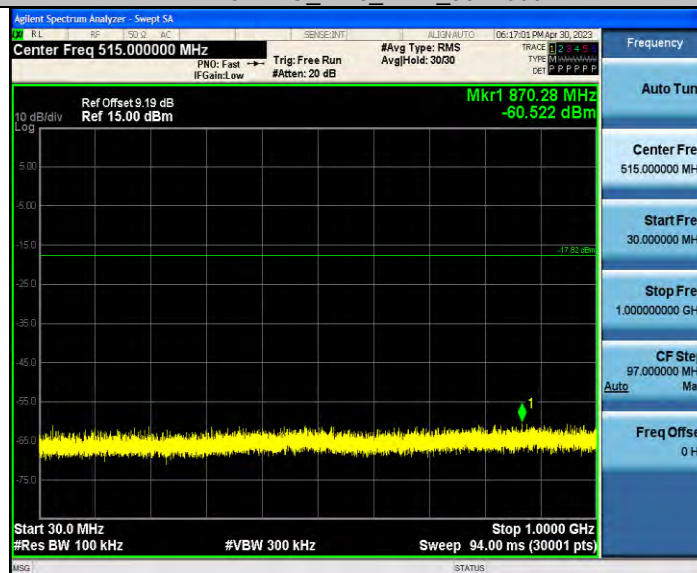
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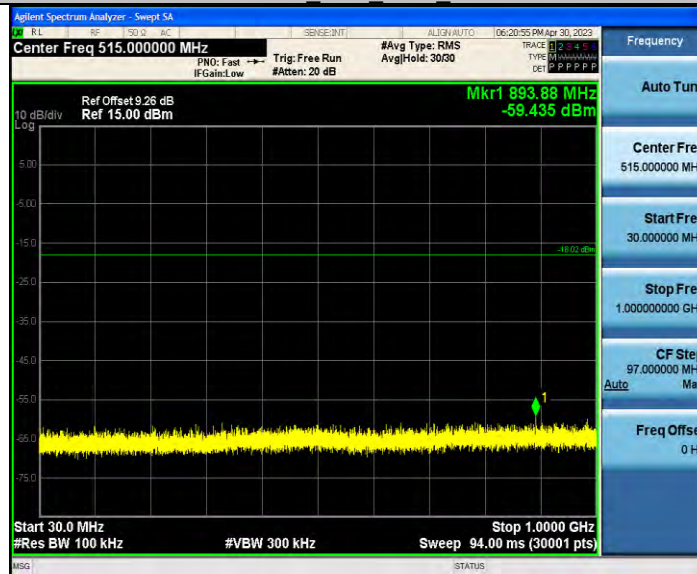
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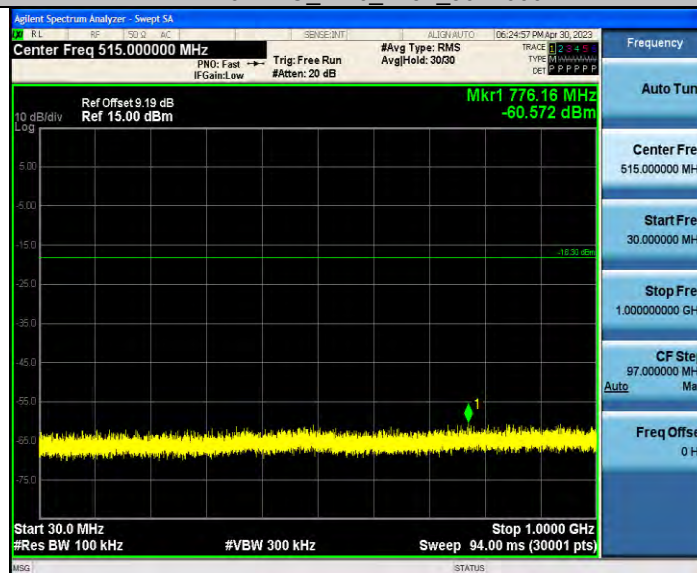
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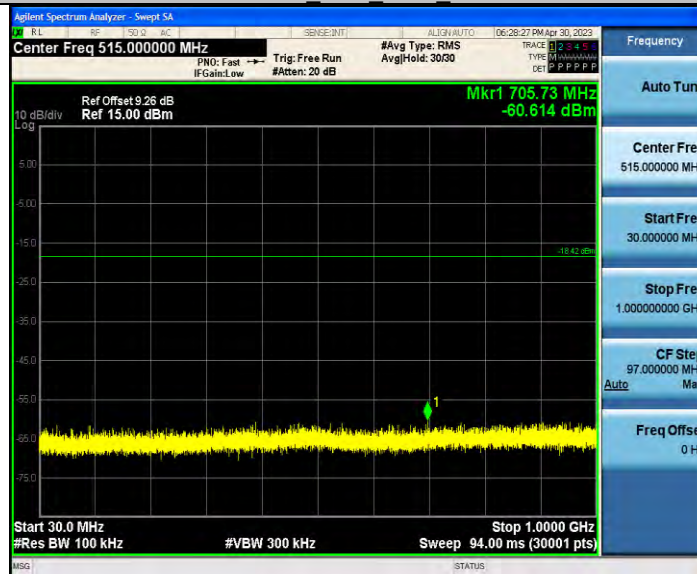
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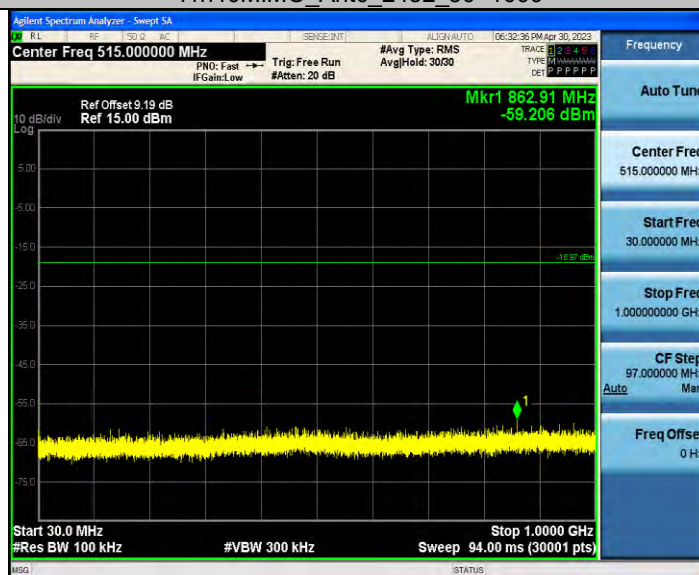
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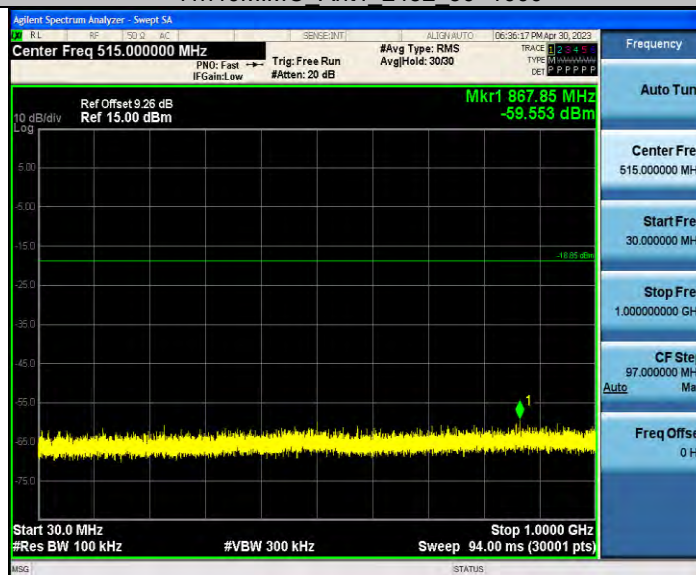
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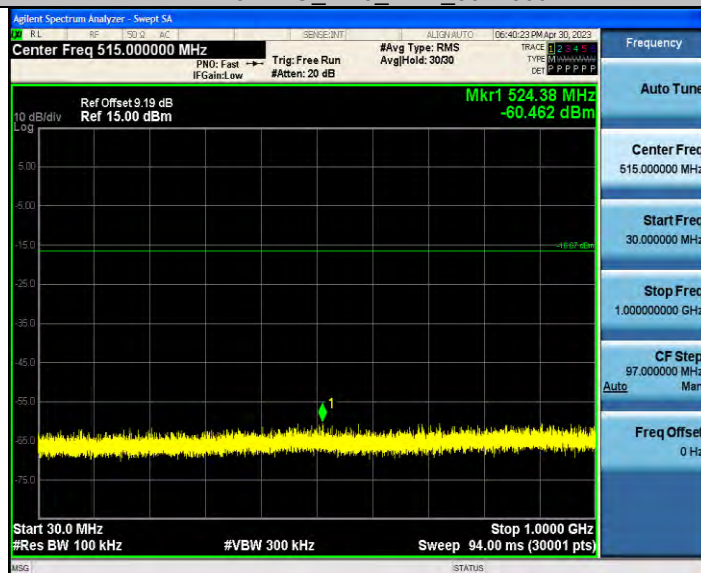
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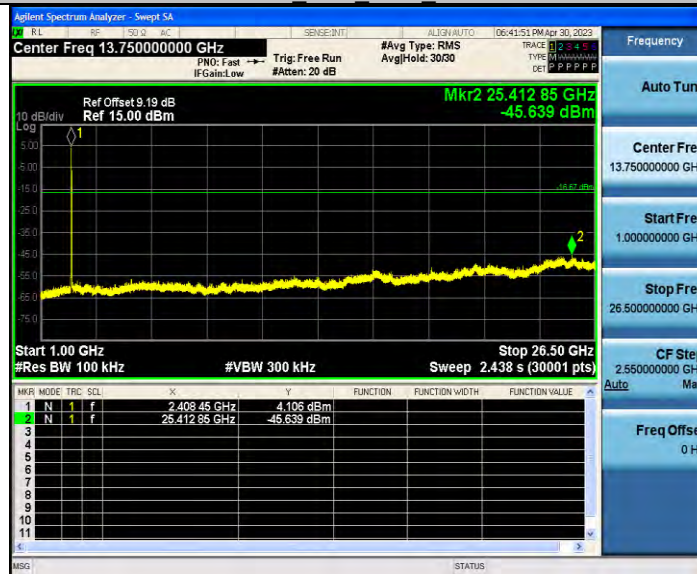
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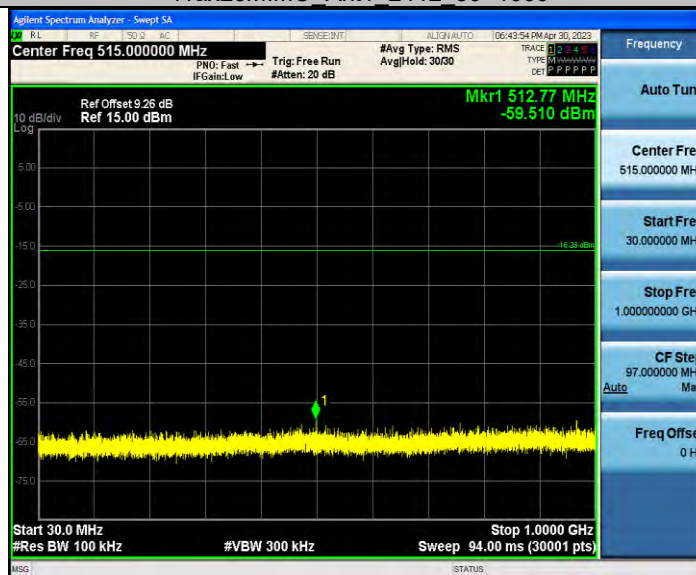


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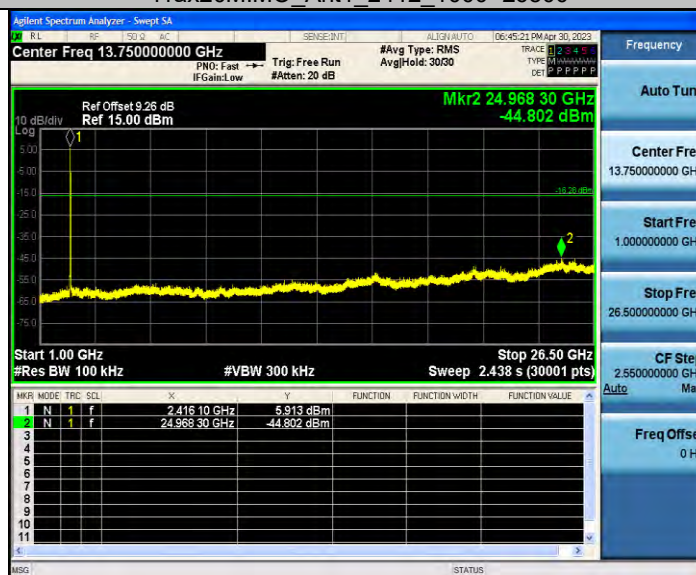
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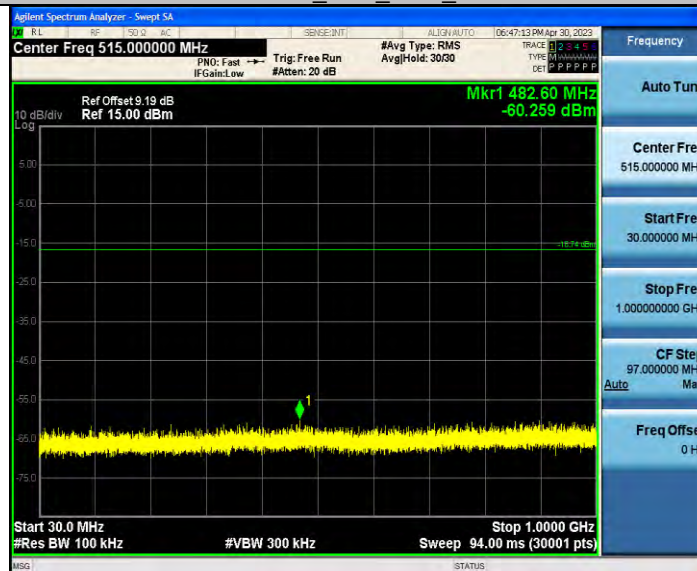
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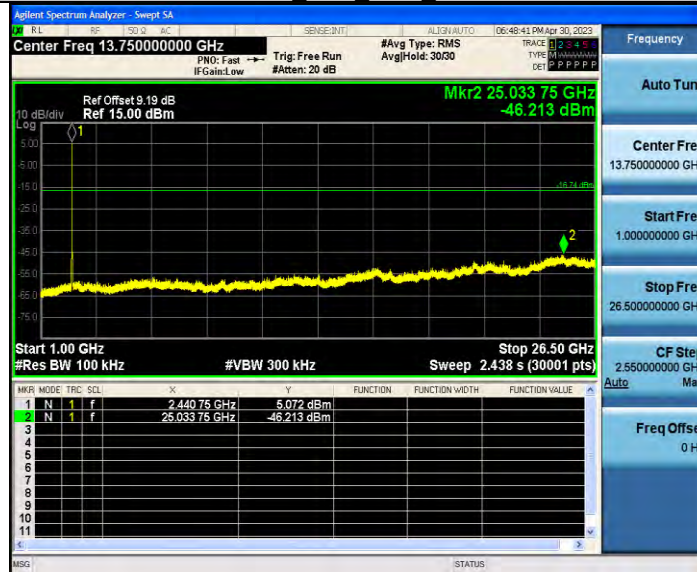
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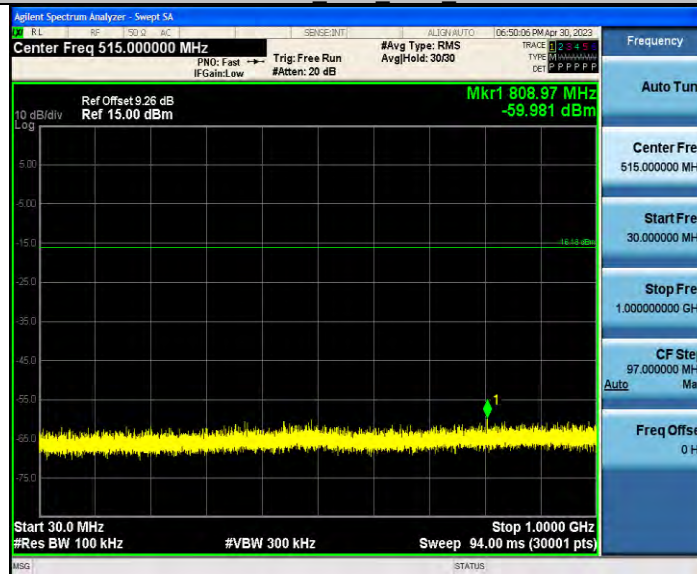


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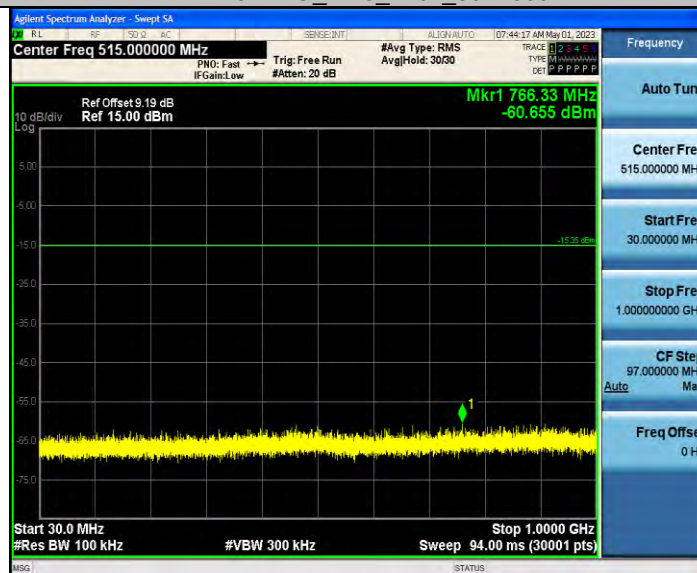
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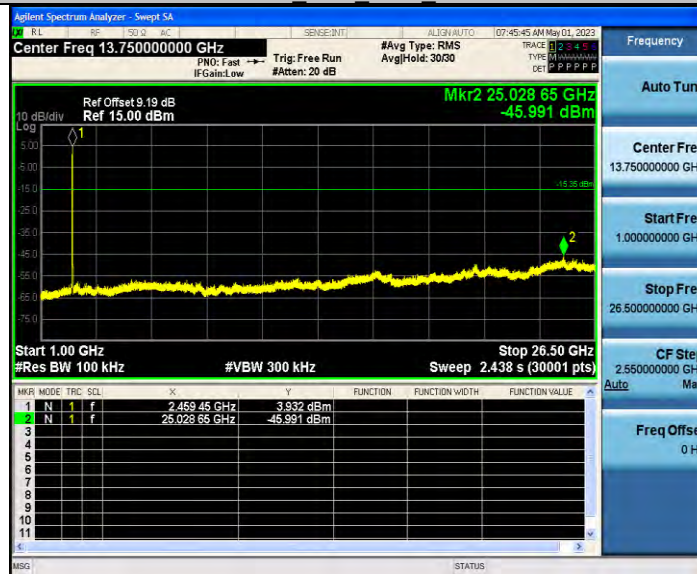
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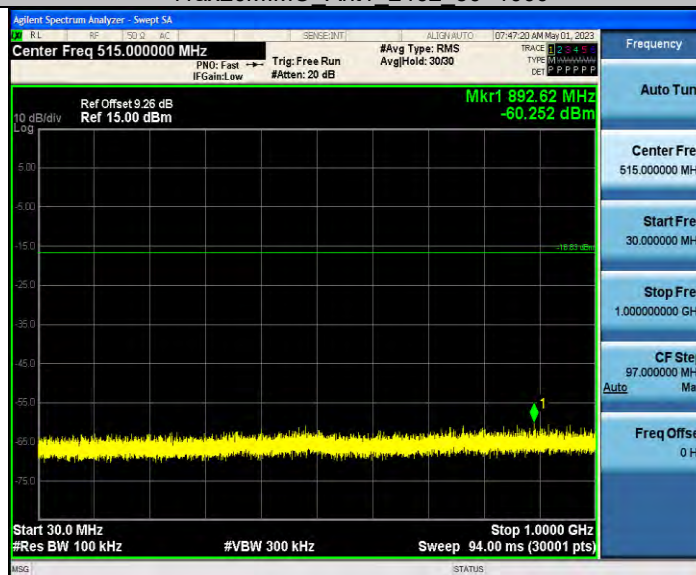
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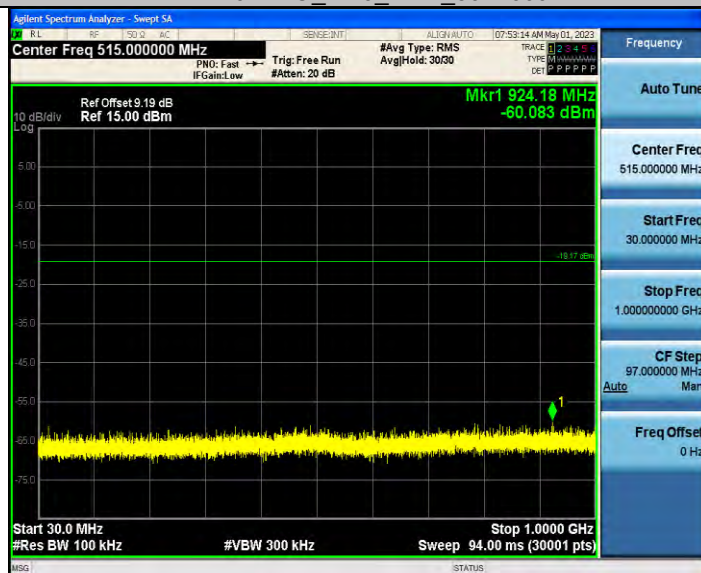
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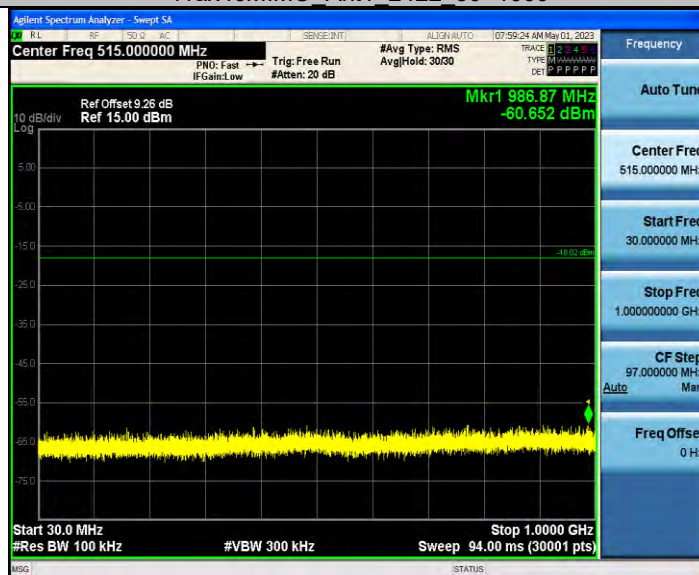
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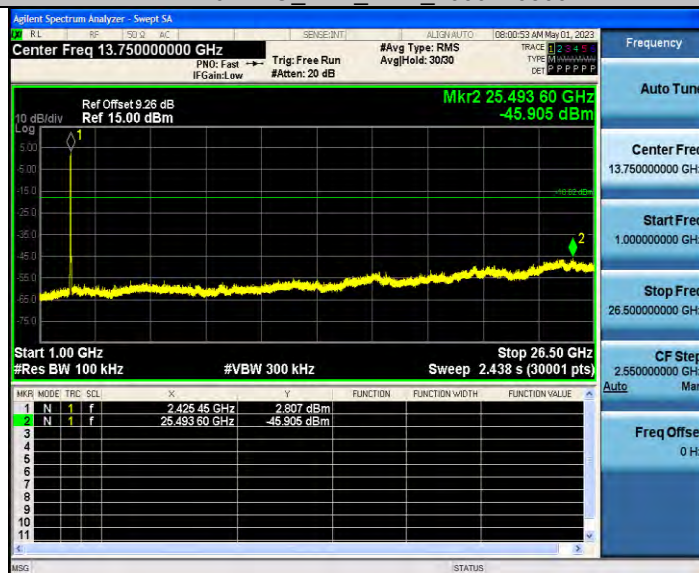
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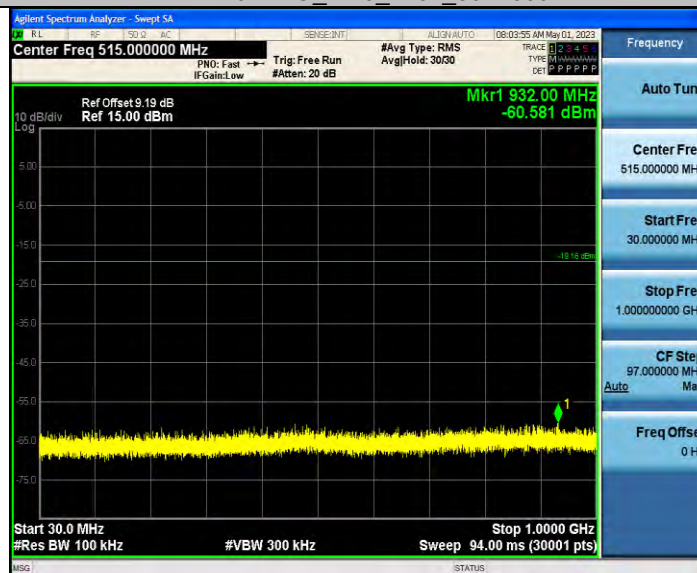
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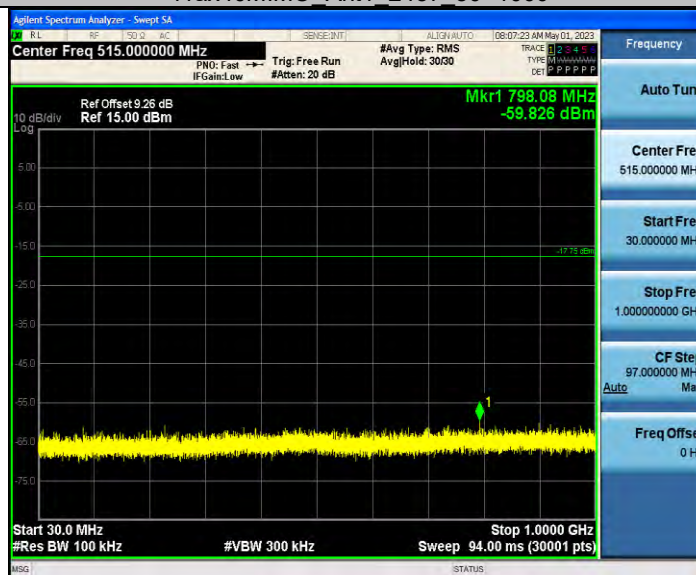
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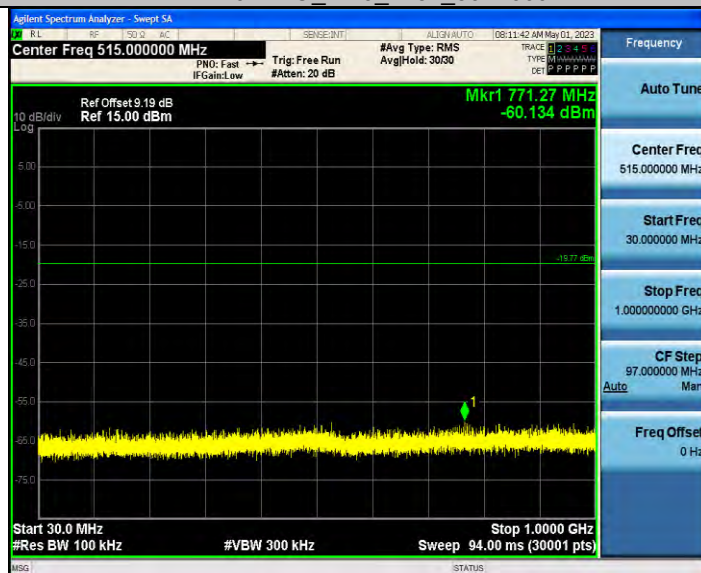
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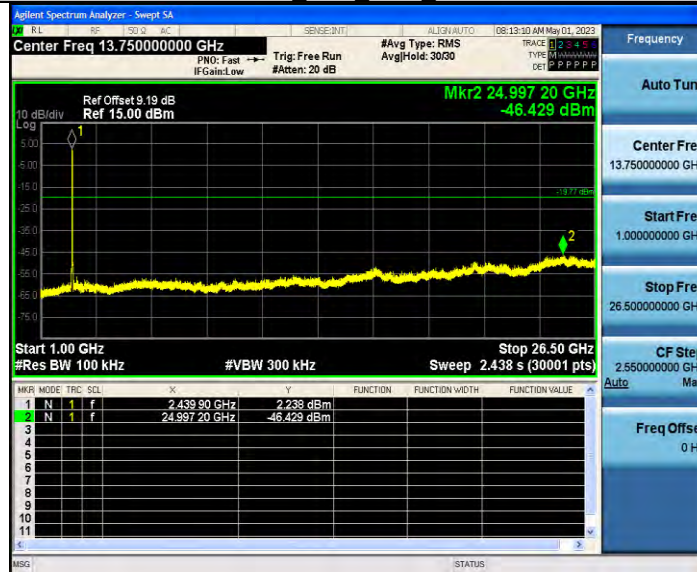
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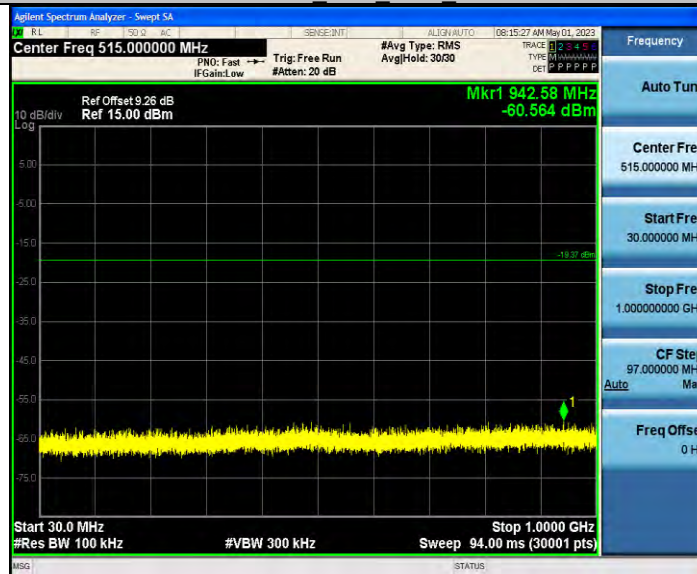
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Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11b-CDD	Ant0	2412	0.66	0.68	97.06	0.13
	Ant1	2412	0.66	0.68	97.06	0.13
11g-CDD	Ant0	2412	2.09	2.11	99.05	0.04
	Ant1	2412	2.09	2.11	99.05	0.04
11n20MIMO	Ant0	2412	5.43	5.45	99.63	0.02
	Ant1	2412	5.42	5.44	99.63	0.02
11n40MIMO	Ant0	2422	5.43	5.45	99.63	0.02
	Ant1	2422	5.43	5.44	99.82	0.01
11ax20MIMO	Ant0	2412	5.45	5.46	99.82	0.01
	Ant1	2412	5.45	5.46	99.82	0.01
11ax40MIMO	Ant0	2422	5.45	5.46	99.82	0.01
	Ant1	2422	5.44	5.46	99.63	0.02

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11ax20MIMO	Ant0	2412	26Tone	RU0	4.57	4.80	95.21
			52Tone	RU37	5.07	5.30	95.66
			106Tone	RU53	4.76	5.04	94.44
	Ant1	2412	26Tone	RU0	4.57	4.80	95.21
			52Tone	RU37	5.07	5.30	95.66
			106Tone	RU53	4.76	5.05	94.26
11ax40MIMO	Ant0	2422	242Tone	RU61	0.76	0.81	93.83
	Ant1	2422	242Tone	RU61	0.76	0.81	93.83

Note:

Radiated Emission Average VBW = 1 / T

TestMode	T[ms]	Period[ms]	Duty Cycle[%]	1/T[kHz]	VBW Setting
11b	0.66	0.68	97.06	1.51515	3KHz
11g	2.09	2.11	99.05	0.47846	10Hz
11n20	5.43	5.45	99.63	0.18416	10Hz
11n40	5.43	5.45	99.63	0.18416	10Hz
11ax20	5.45	5.46	99.82	0.18348	10Hz
11ax40	5.45	5.46	99.82	0.18348	10Hz
11ax20 26/52/106 RU	4.57	4.80	95.21	0.21881	300Hz
11ax40 242 RU	0.76	0.81	93.83	1.31578	3KHz



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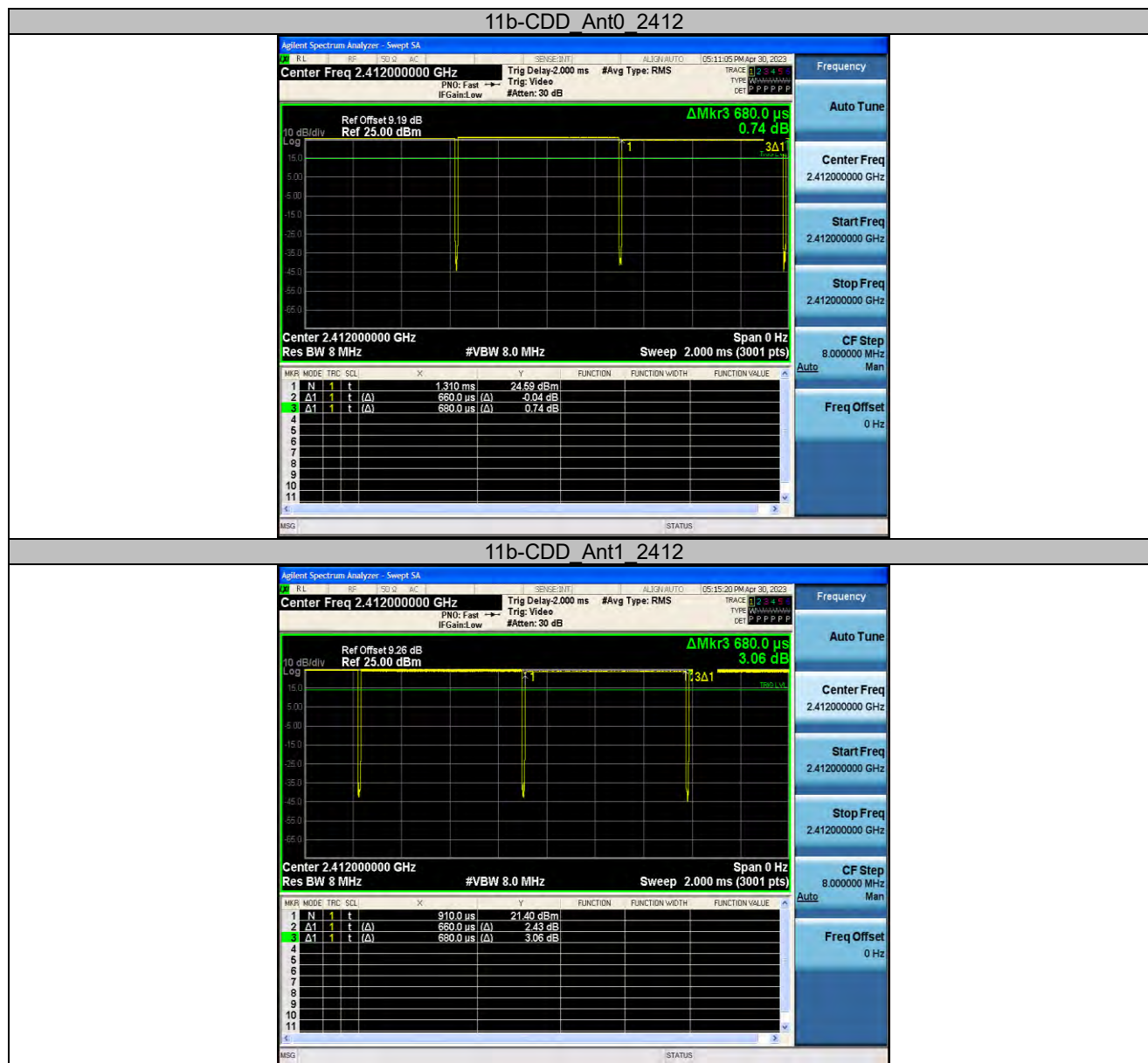
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Test Graphs



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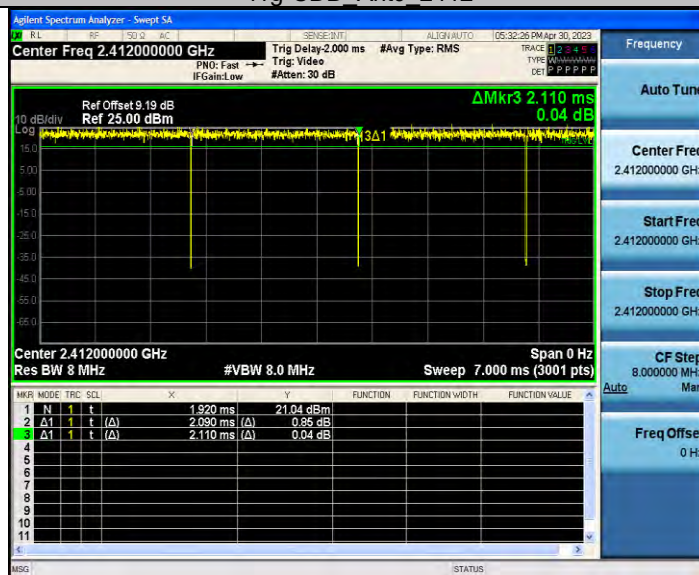
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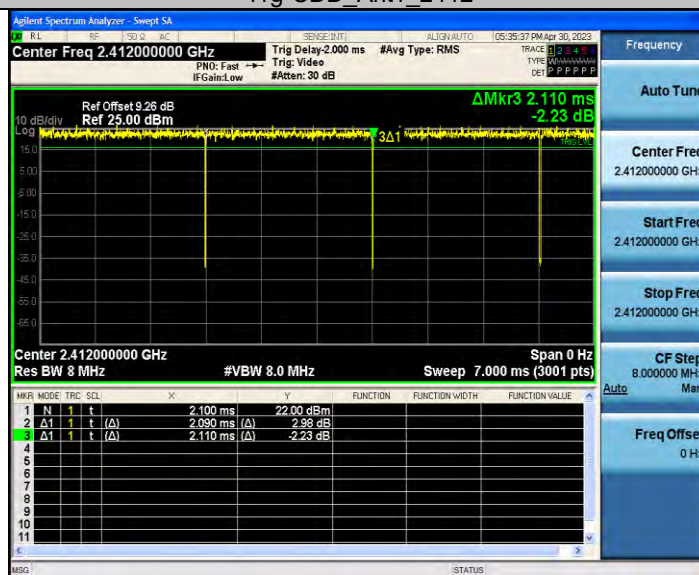
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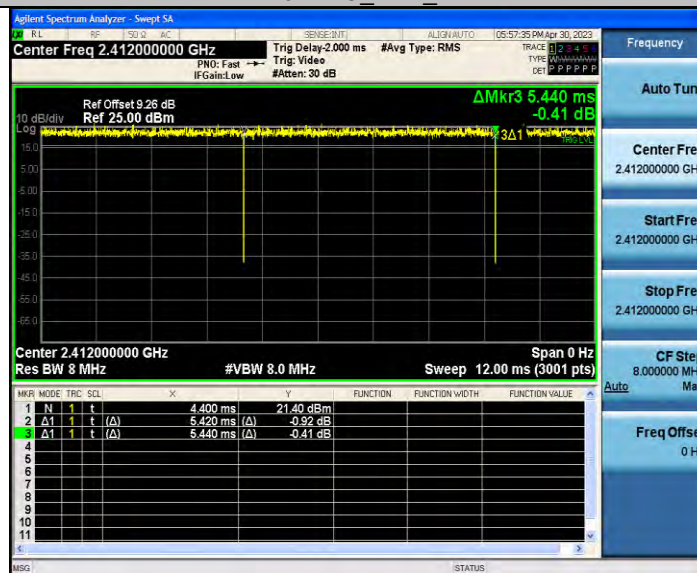
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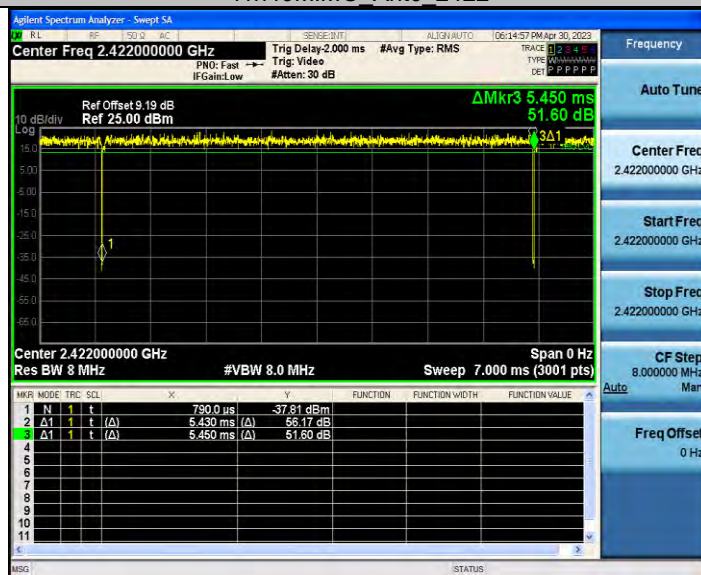
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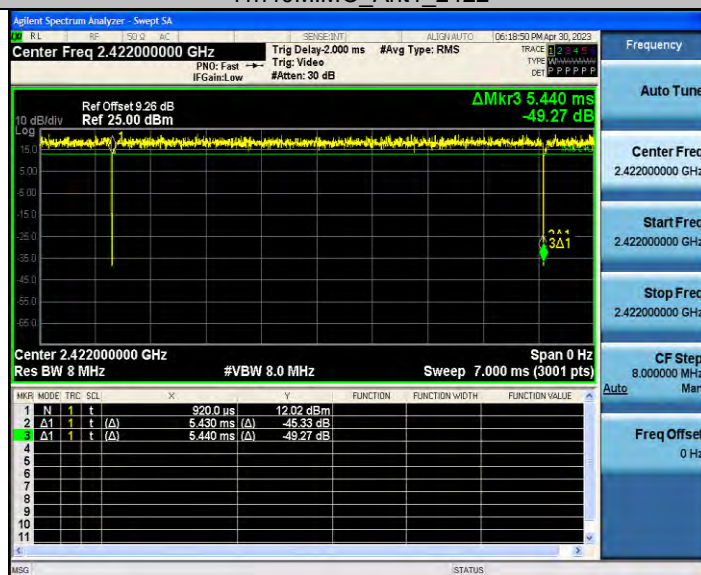
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11n40MIMO_Ant0_2422



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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11ax20MIMO_Ant0_2412



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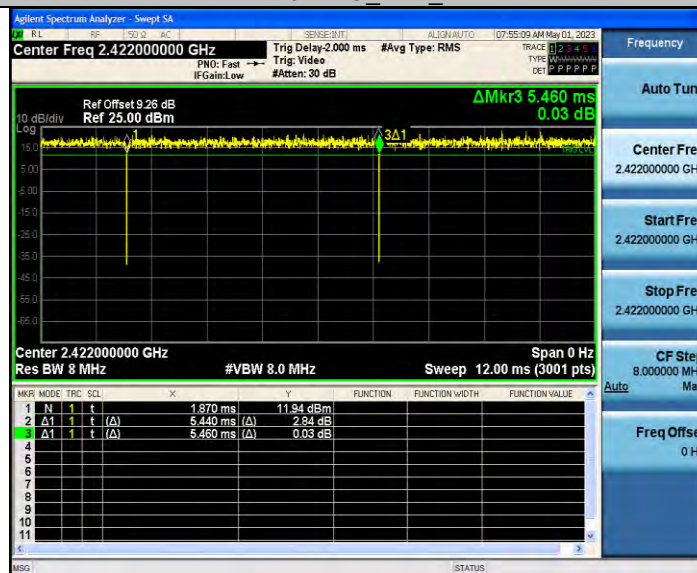
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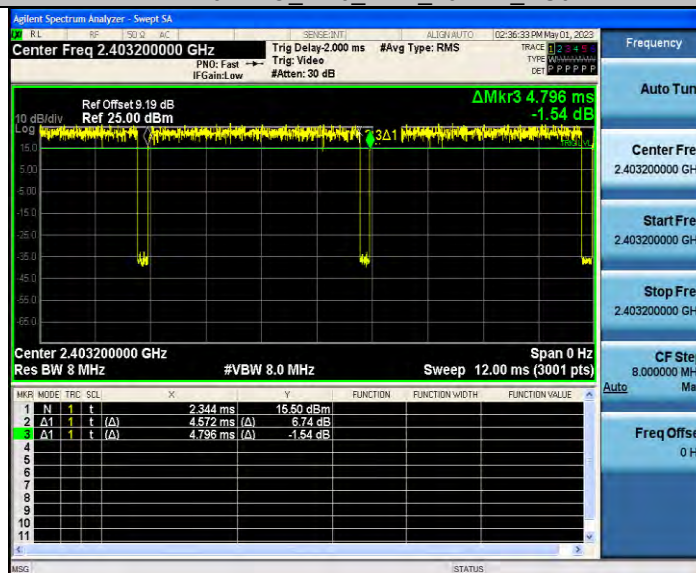
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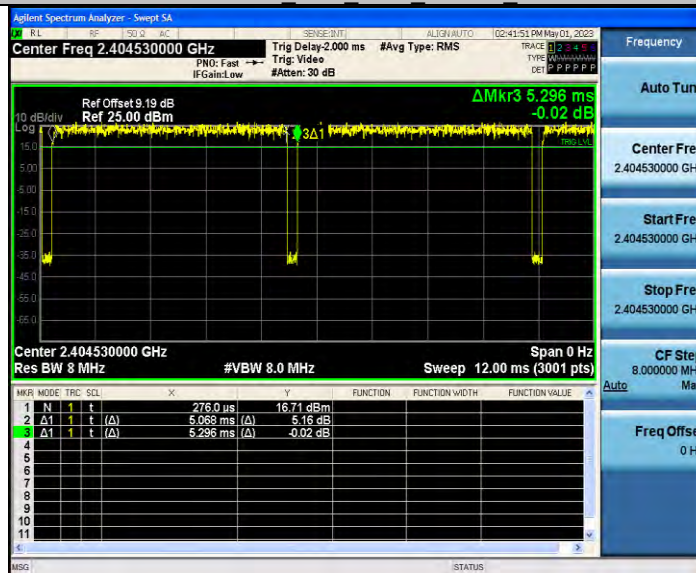
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11ax20MIMO_Ant0_2412_52Tone_RU37

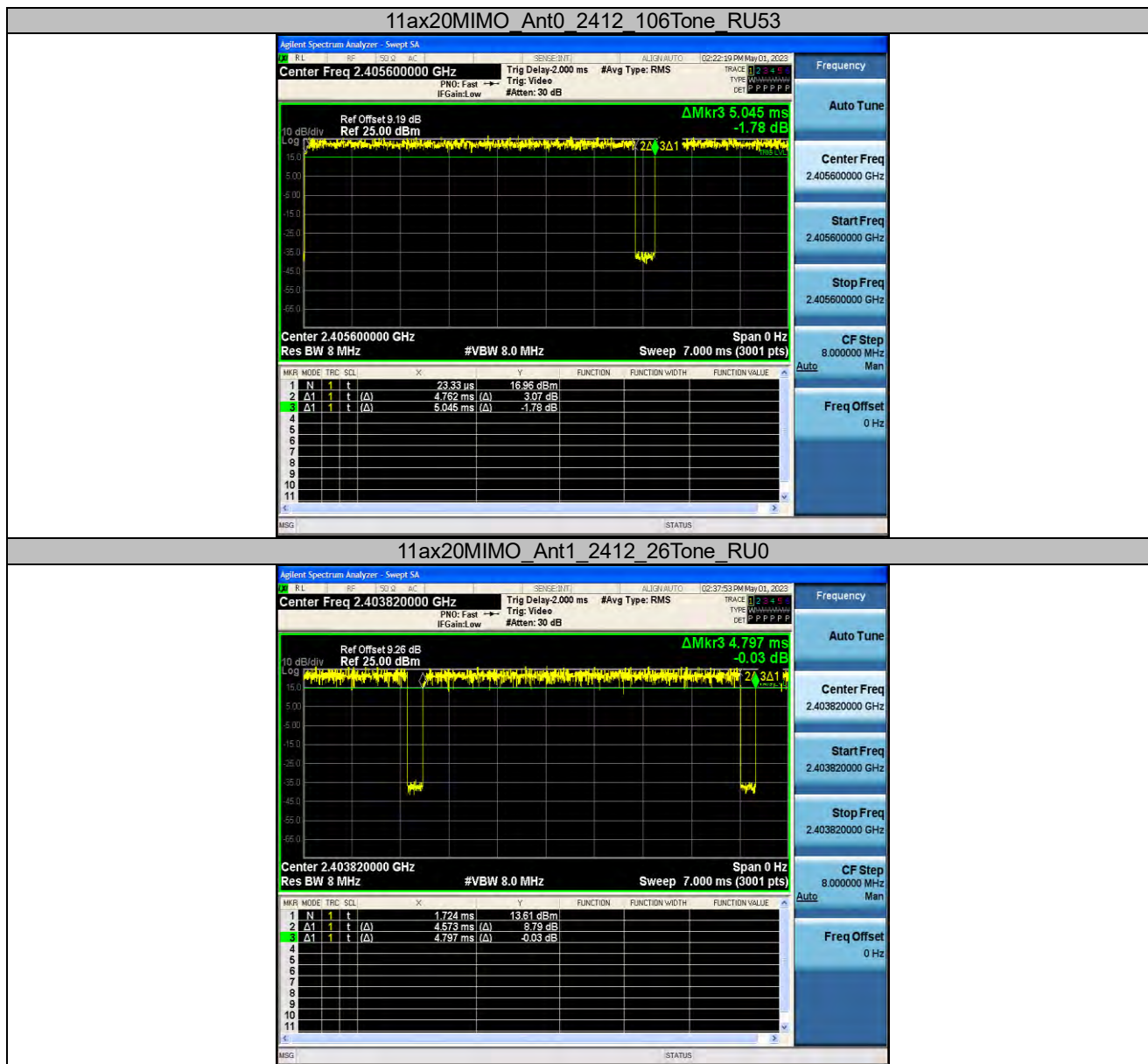


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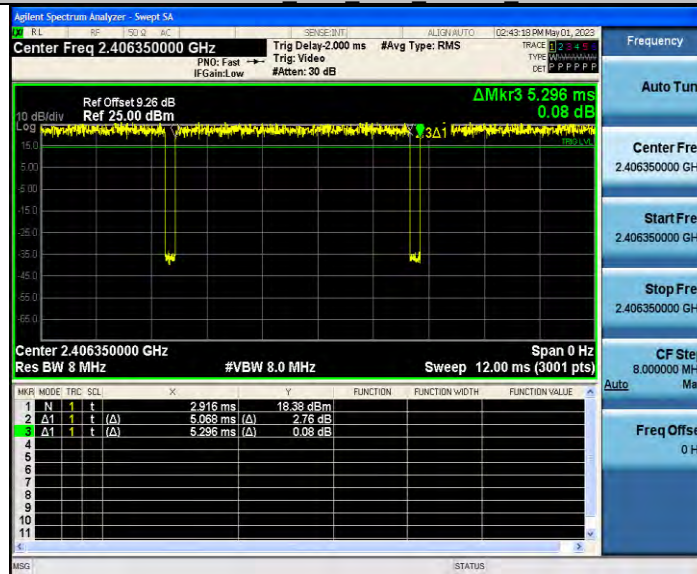
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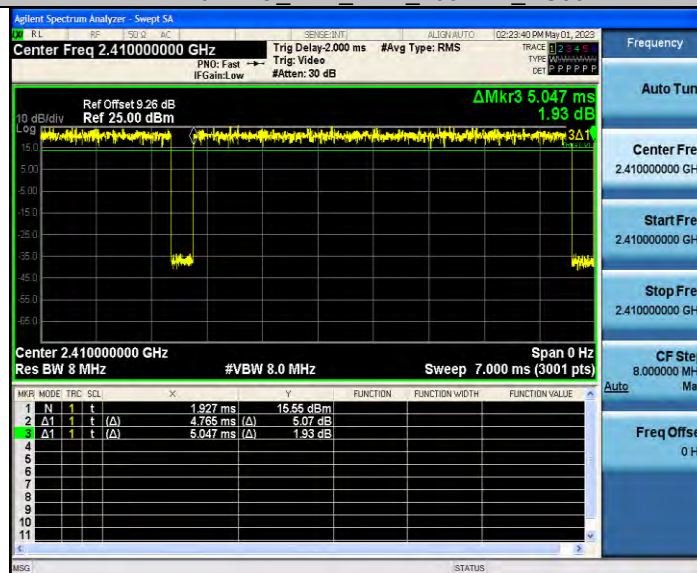
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11ax20MIMO_Ant1_2412_106Tone_RU53



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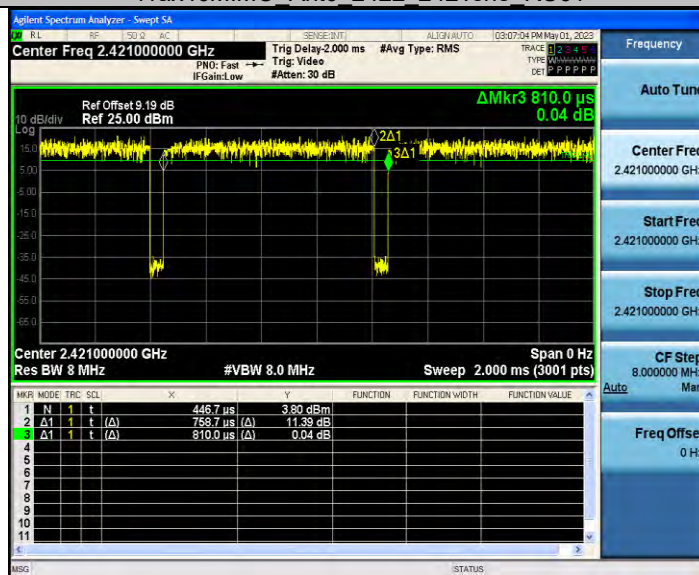
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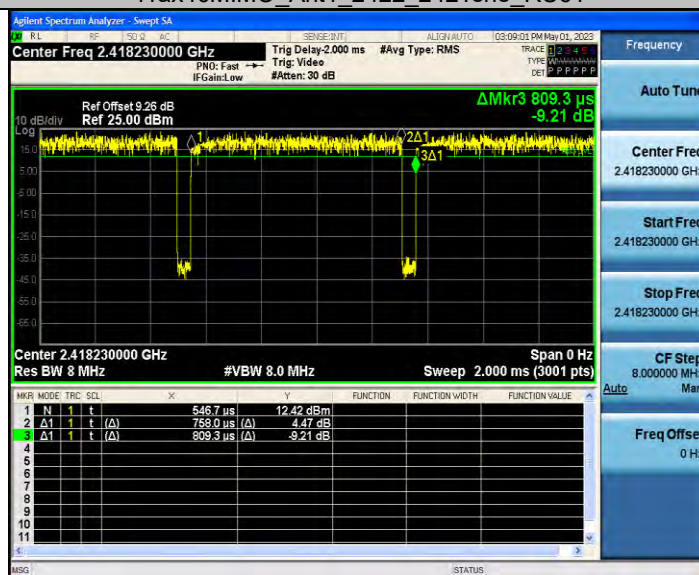
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11ax40MIMO_Ant0_2422_242Tone_RU61



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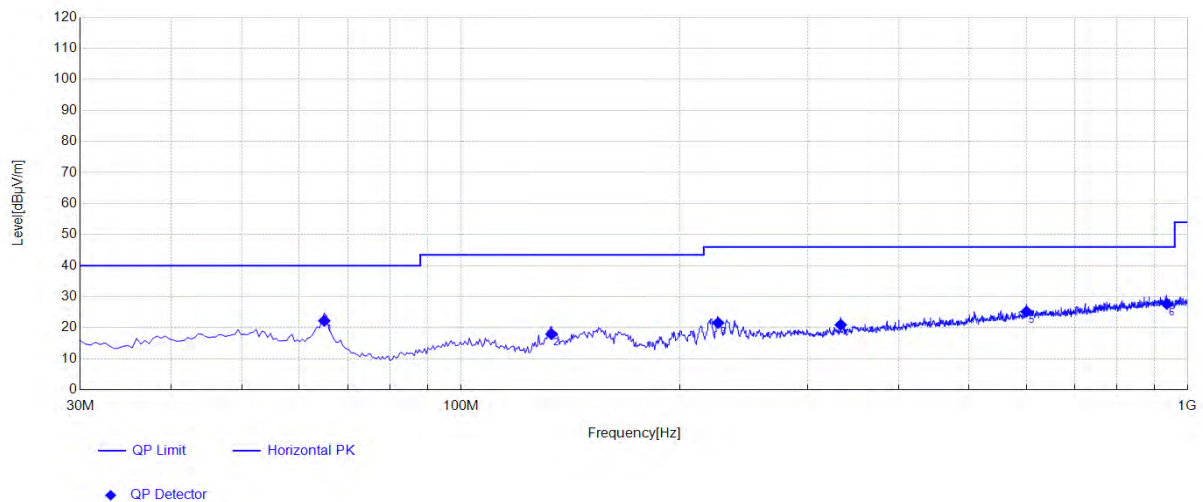
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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 802.11n40_Channel 9

Final Data List

NO.	Freq. [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	64.9375	12.10	-27.66	37.81	22.25	40.00	17.75	163	160	Horizontal
2	133.3567	7.90	-26.61	36.67	17.96	43.50	25.54	254	72	Horizontal
3	226.038	11.36	-26.48	36.7	21.58	46.00	24.42	188	222	Horizontal
4	333.2766	14.17	-25.81	32.59	20.95	46.00	25.05	163	2	Horizontal
5	600.1601	19.10	-24.88	30.98	25.20	46.00	20.80	253	60	Horizontal
6	935.948	22.39	-23.64	28.96	27.71	46.00	18.29	236	125	Horizontal



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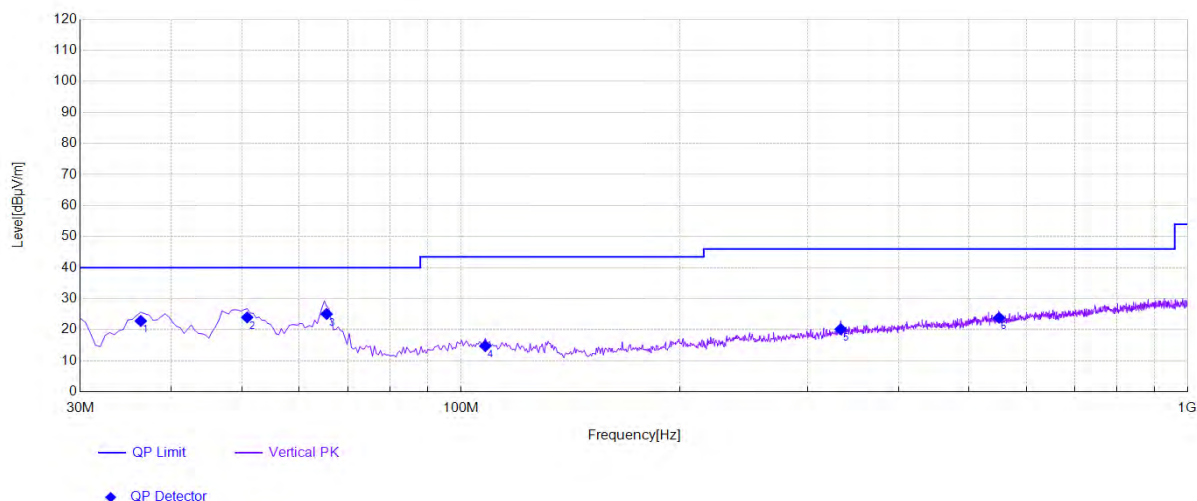
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Final Data List

NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	11.89	-27.99	38.94	22.84	40.00	17.16	163	14	Vertical
2	50.8654	13.84	-27.72	37.86	23.98	40.00	16.02	254	318	Vertical
3	65.4227	12.02	-27.63	40.71	25.10	40.00	14.90	163	250	Vertical
4	108.1241	11.79	-27.12	30.11	14.78	43.50	28.72	325	73	Vertical
5	333.2766	14.17	-25.81	31.83	20.19	46.00	25.81	221	276	Vertical
6	550.1801	18.00	-24.87	30.74	23.87	46.00	22.13	296	235	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
Value = Reading(dBμV) + AF(dB/m) + Factor(dB):
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier gain(dB)
Margin = Limit(dBμV/m) – Value(dBμV/m)
- All channels have been tested, but only the worst case data displayed in this report.



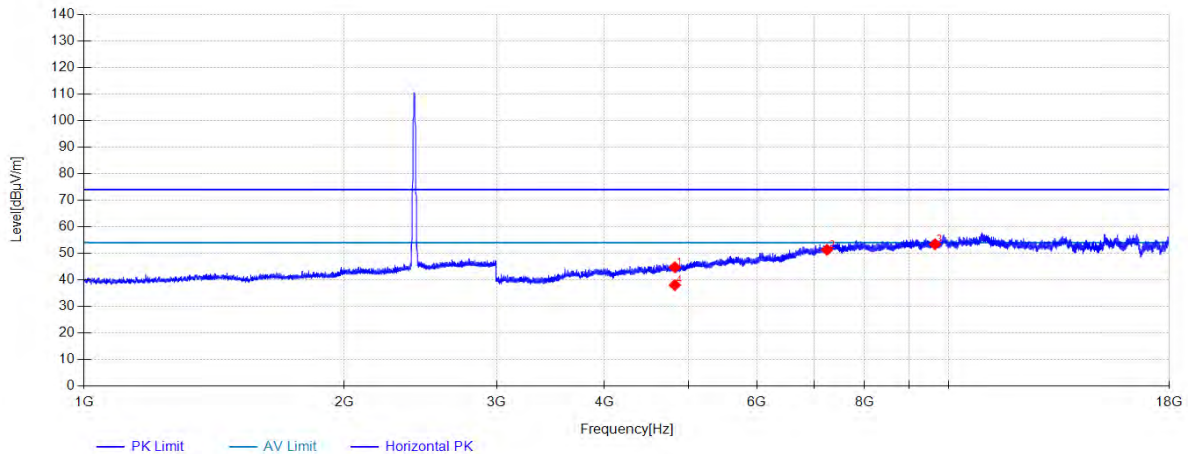
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Transmitter emission Above 1GHz 802.11b_Channel 1 CDD



Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	56.95	30.70	-42.93	44.72	74.00	29.28	355	316	Horizontal
2	7236	53.70	36.38	-38.77	51.31	74.00	22.69	124	114	Horizontal
3	9648	51.26	38.09	-35.97	53.38	74.00	20.62	324	231	Horizontal
4	4824.3733	50.27	30.70	-42.93	38.04	54.00	15.96	359	338	Horizontal



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