

11b-CDD Ant22 2437



11b-CDD Ant24 2437



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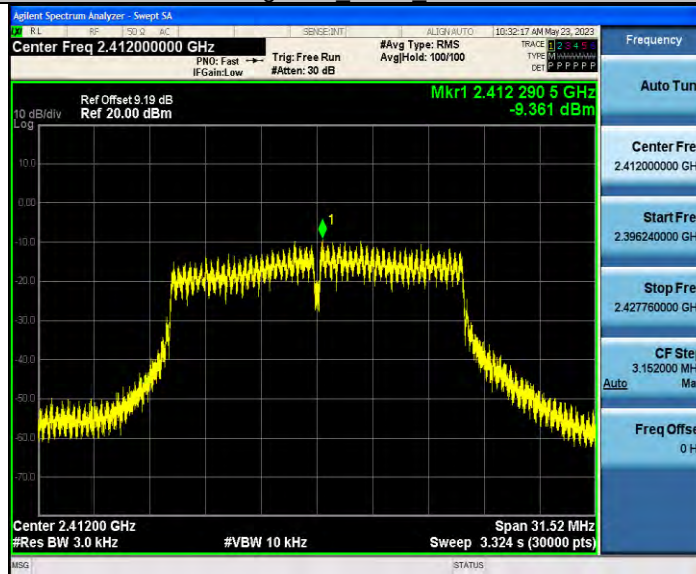
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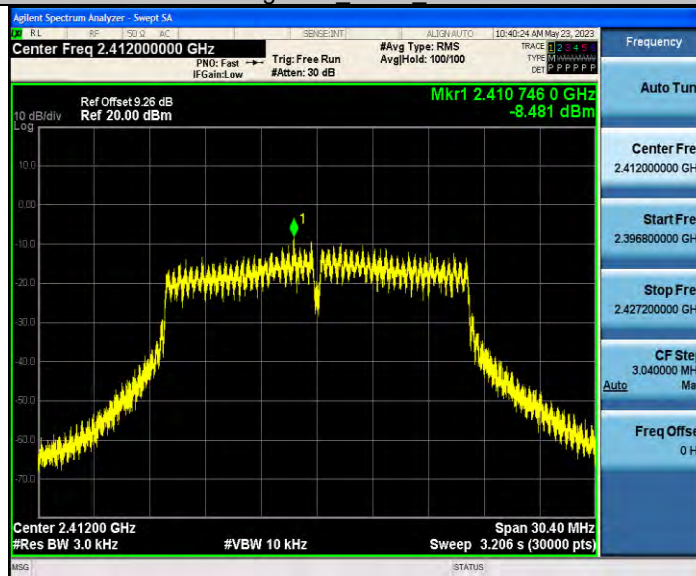
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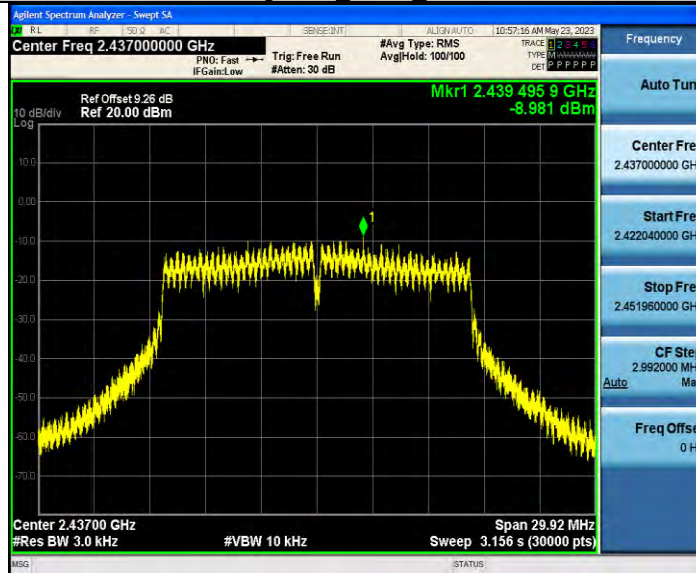
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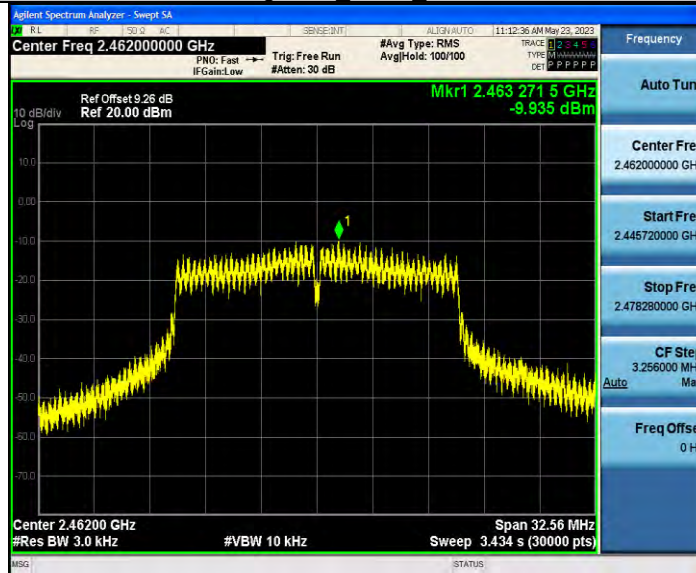
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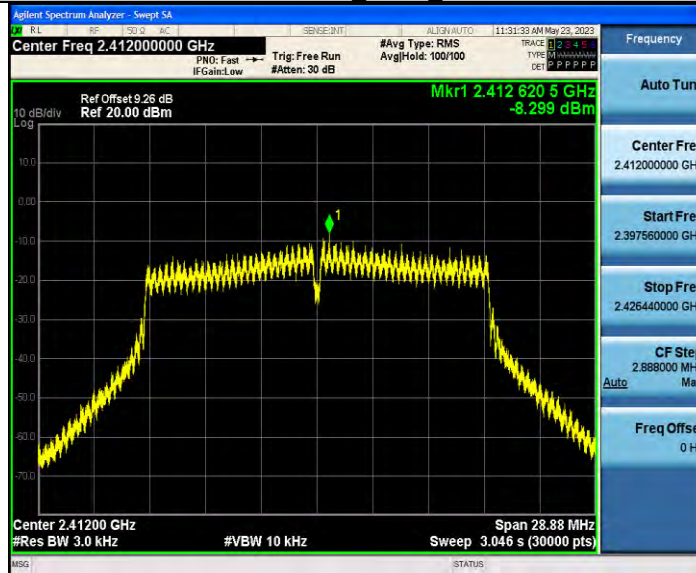
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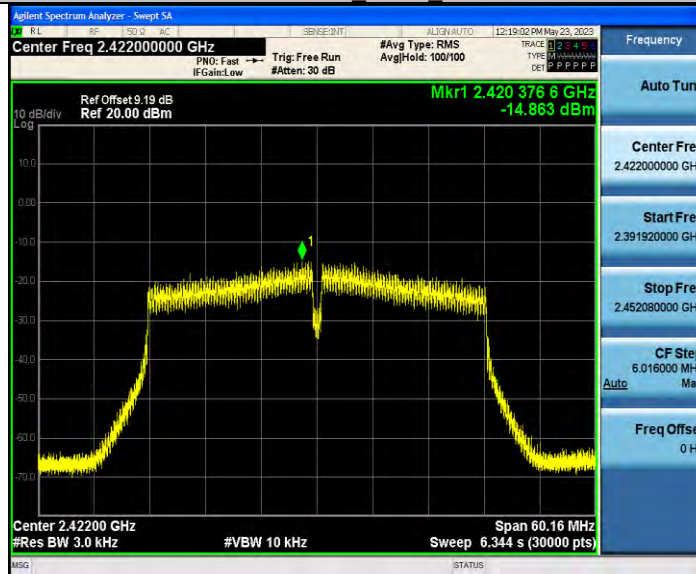
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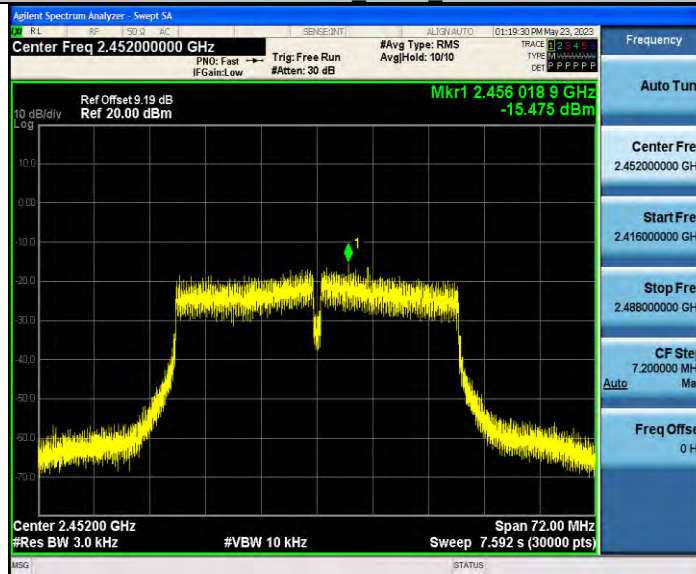


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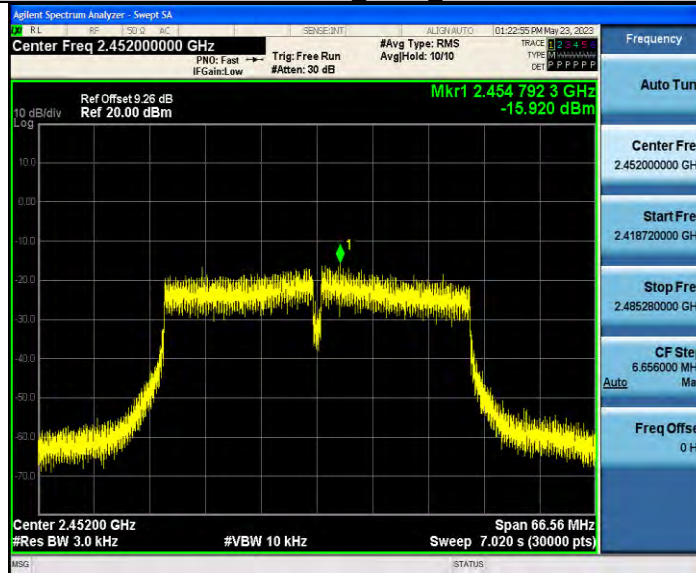
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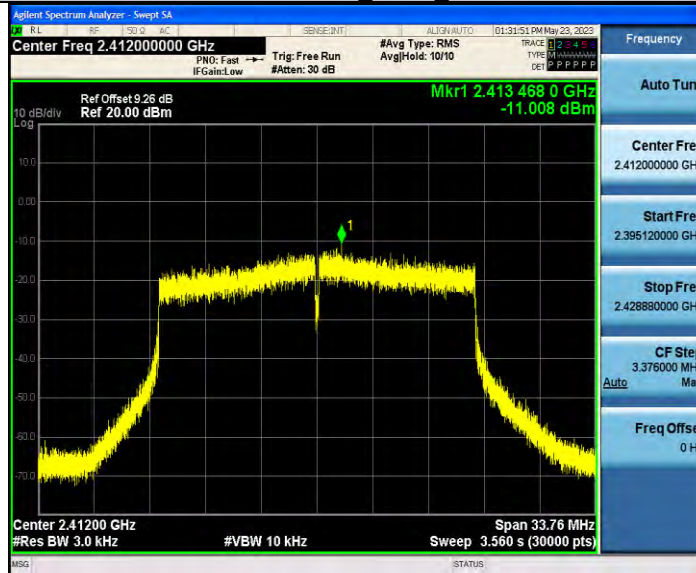
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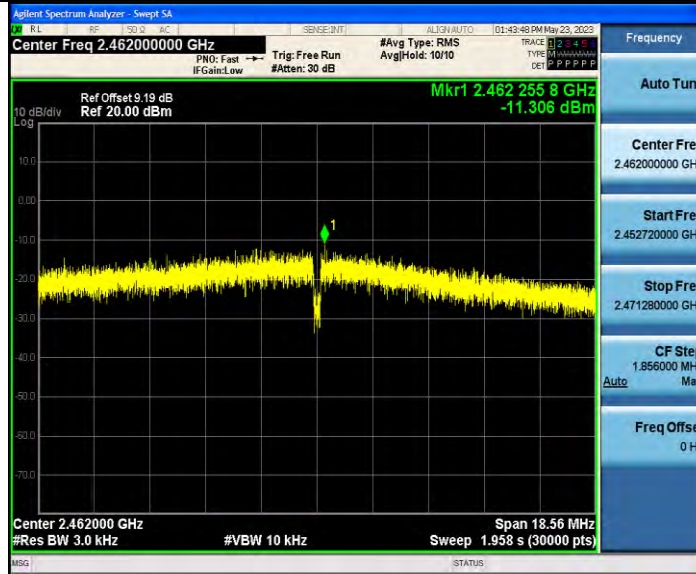
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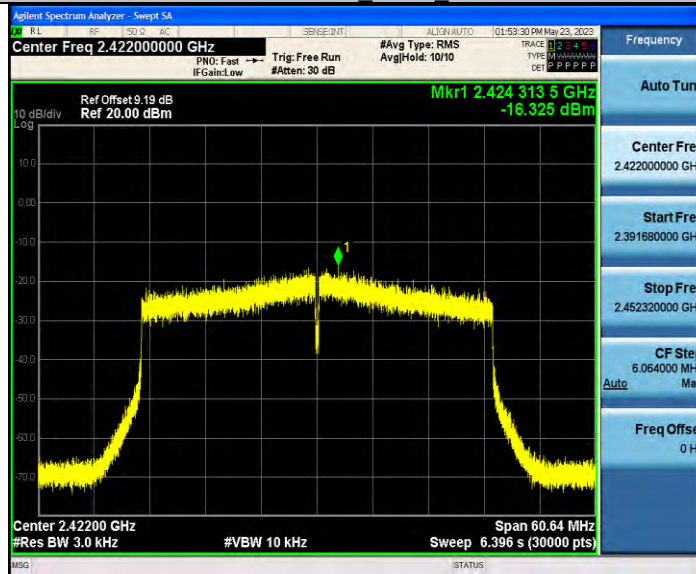


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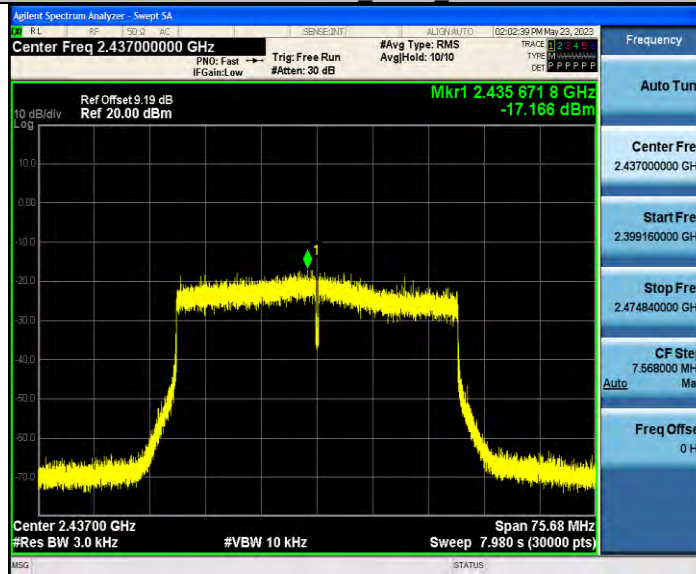


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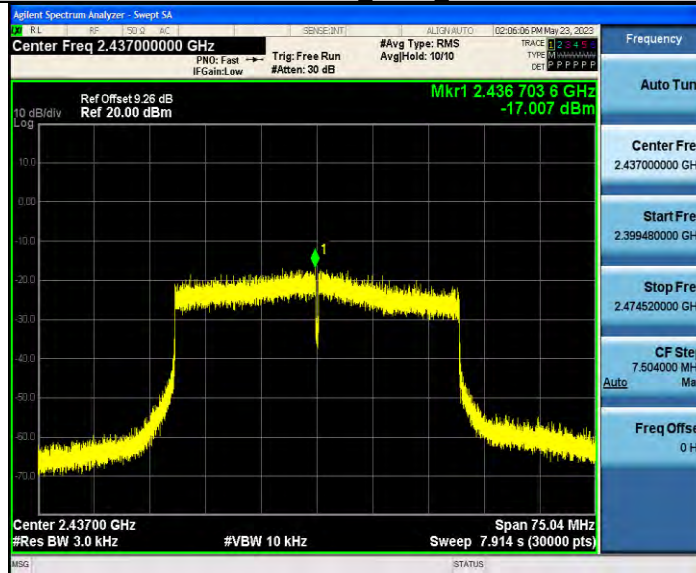
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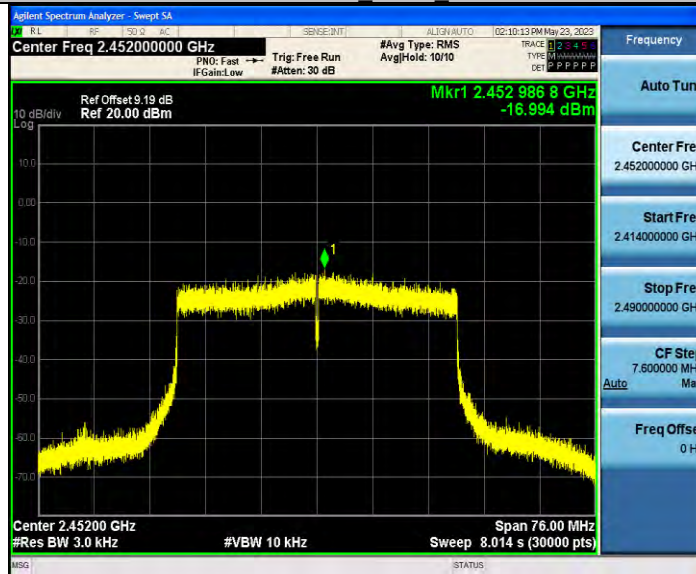


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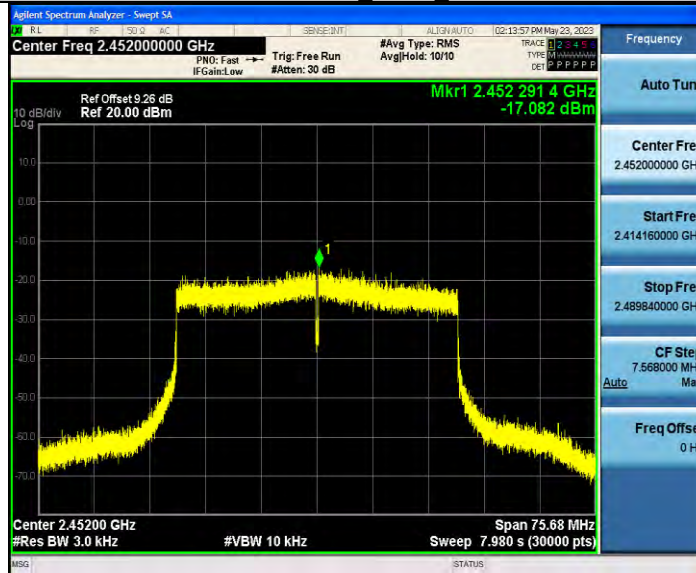
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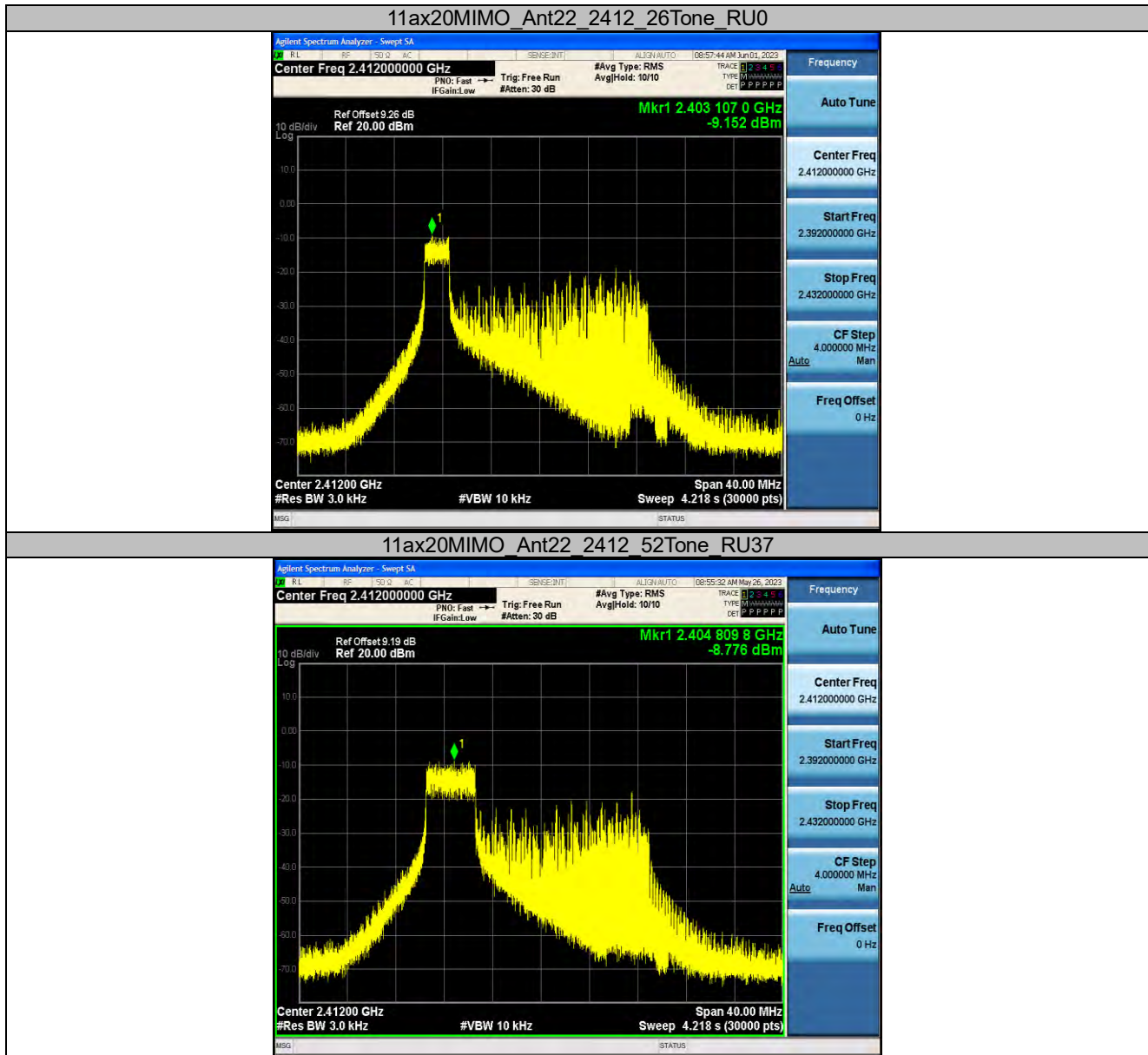
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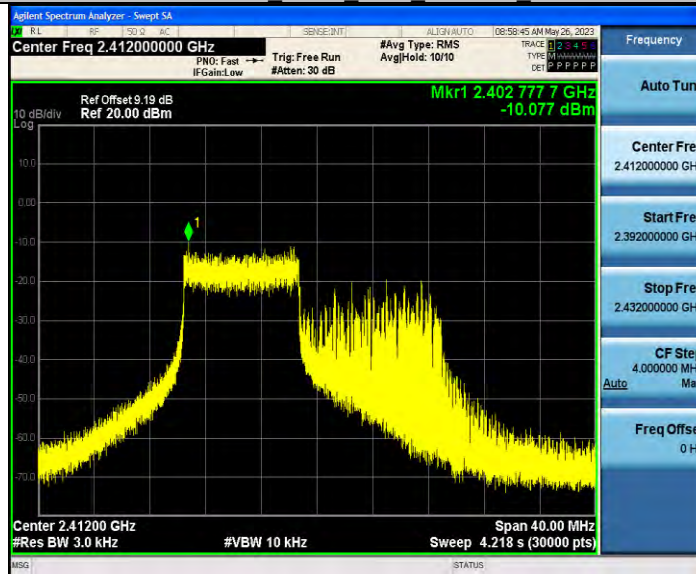
Test Graphs for AX Part RU



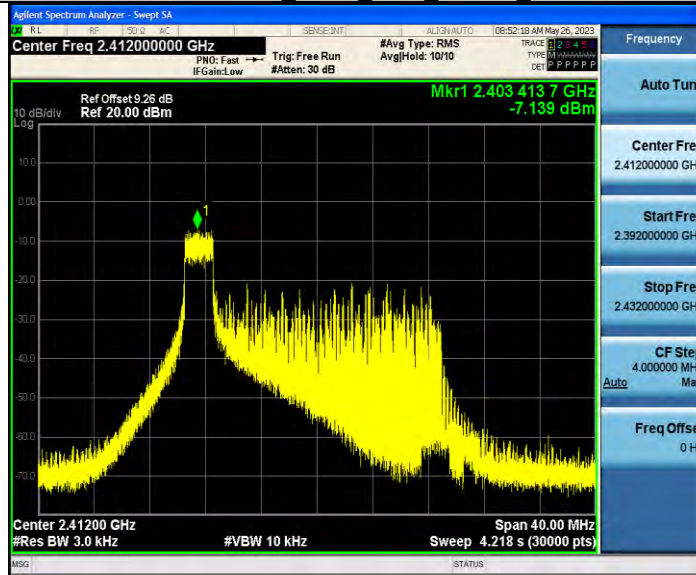
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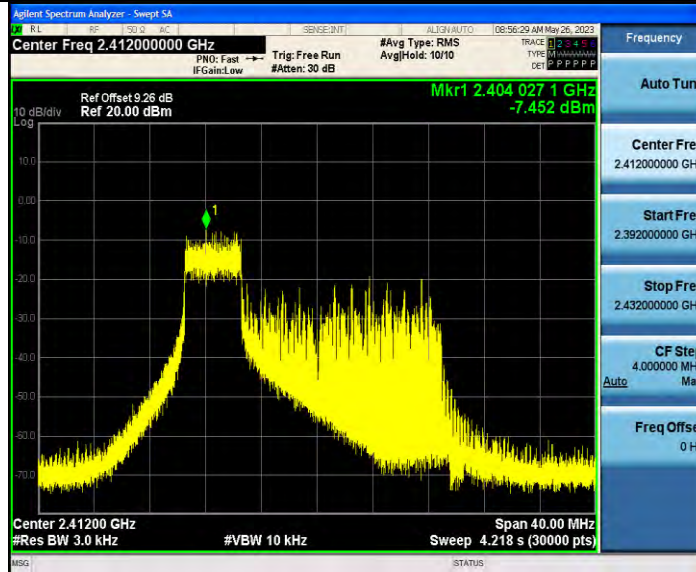
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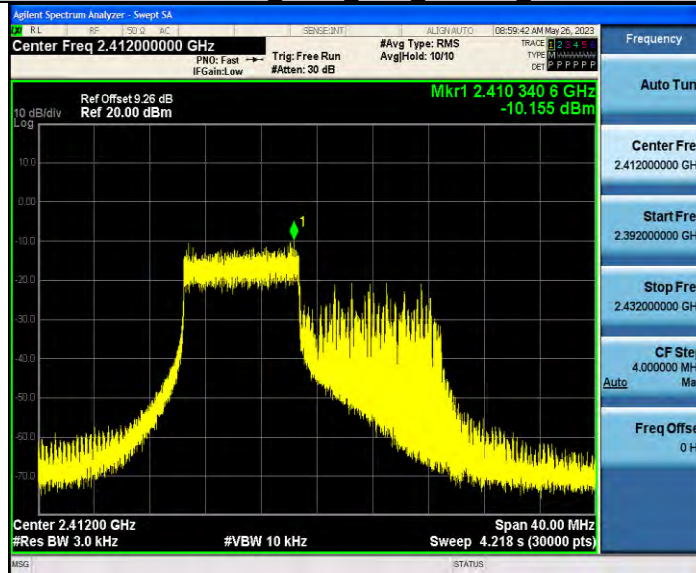
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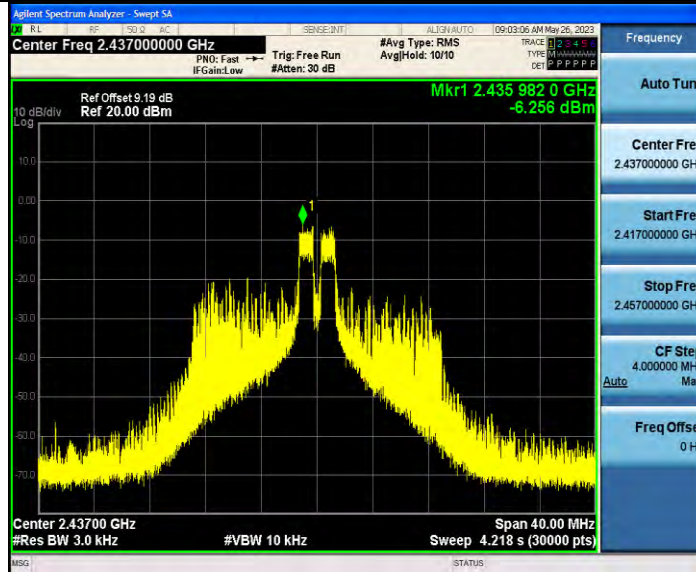
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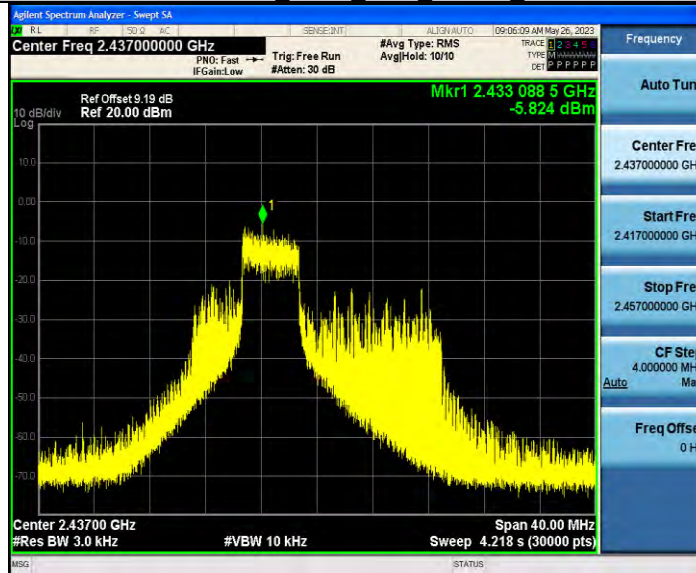
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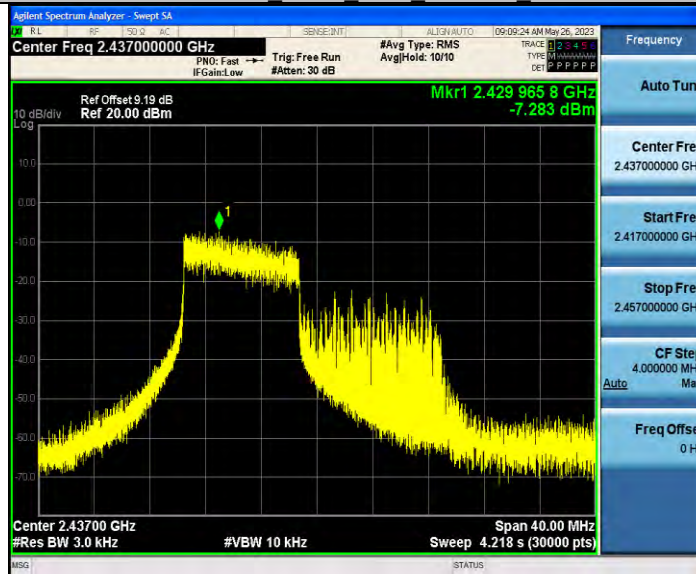


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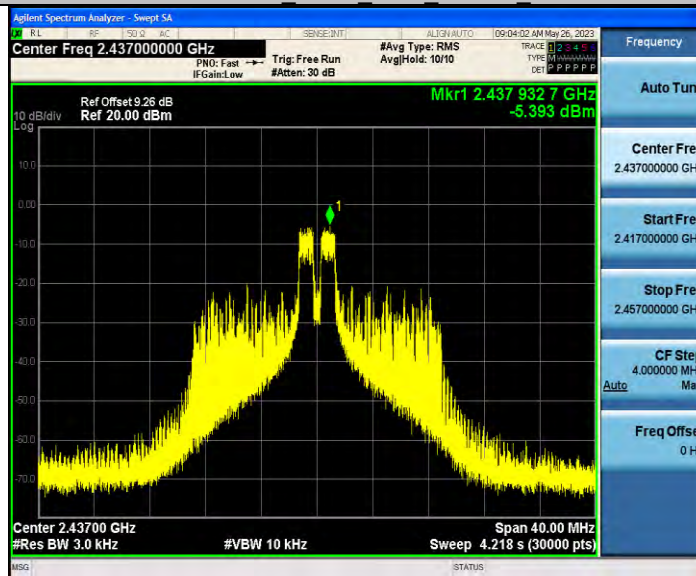
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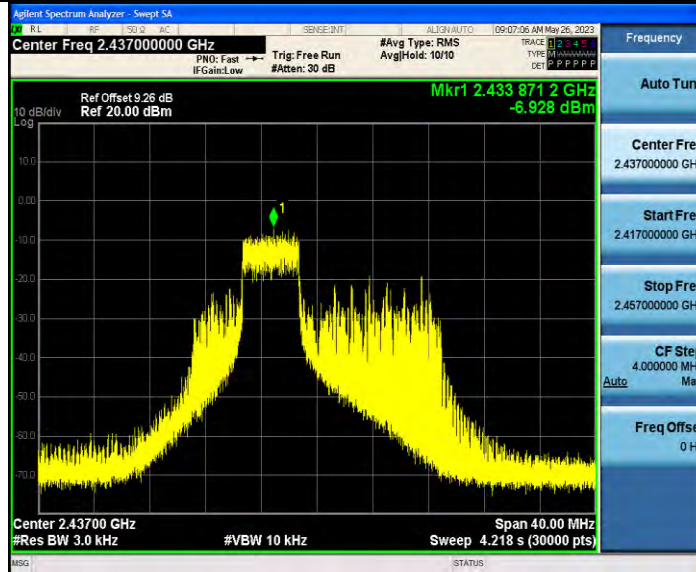
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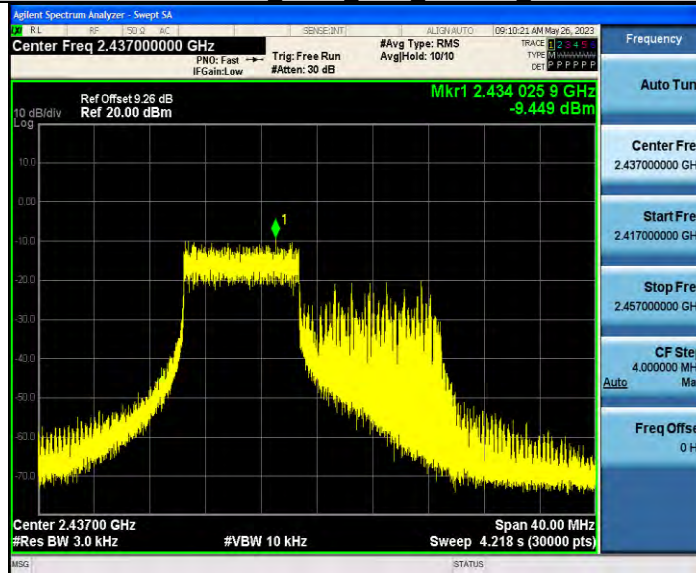
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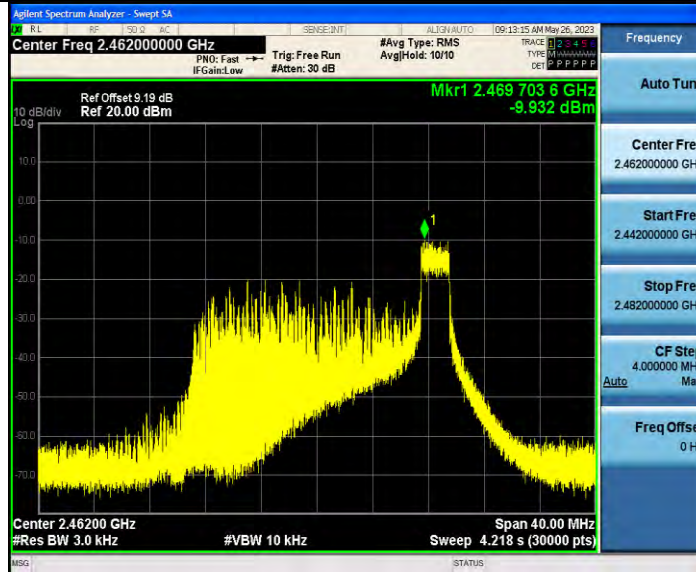


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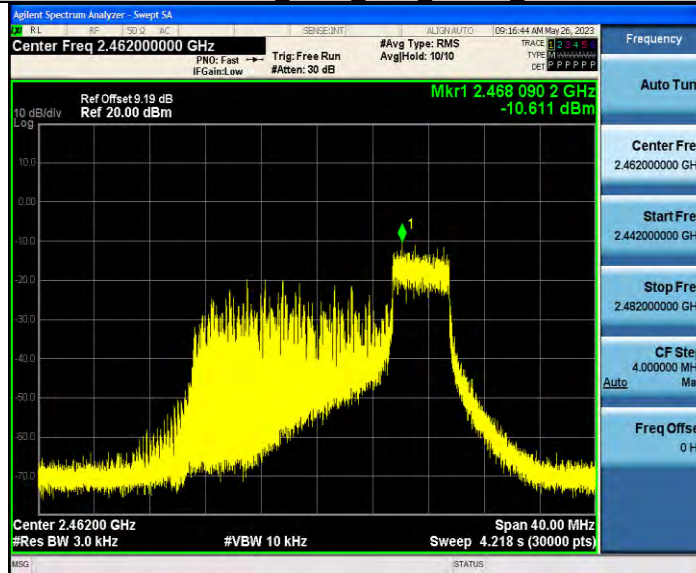
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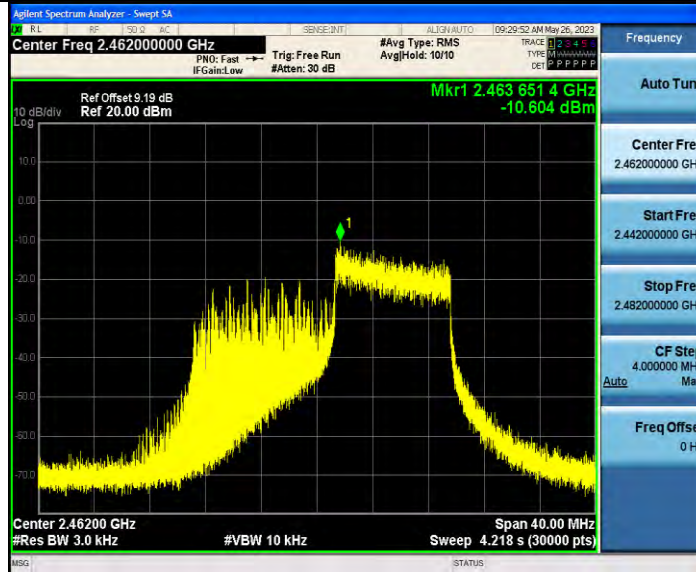


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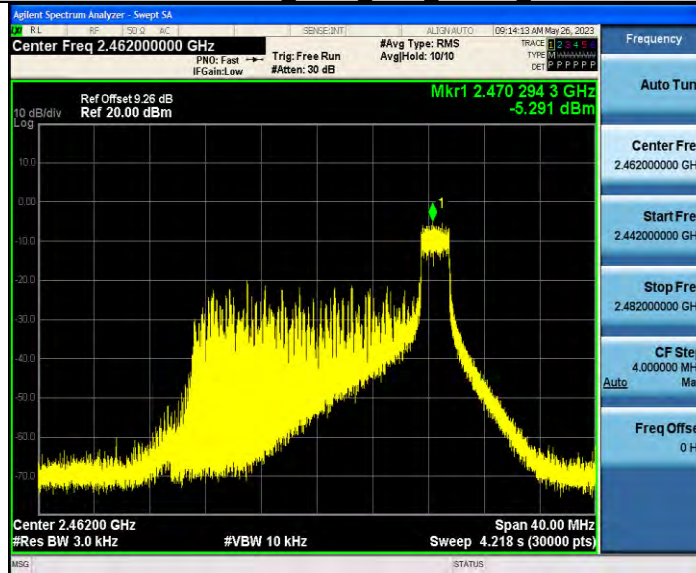
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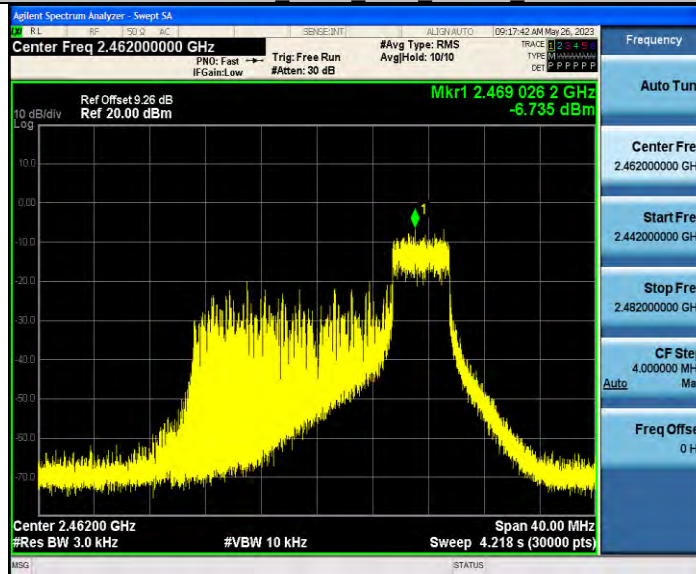


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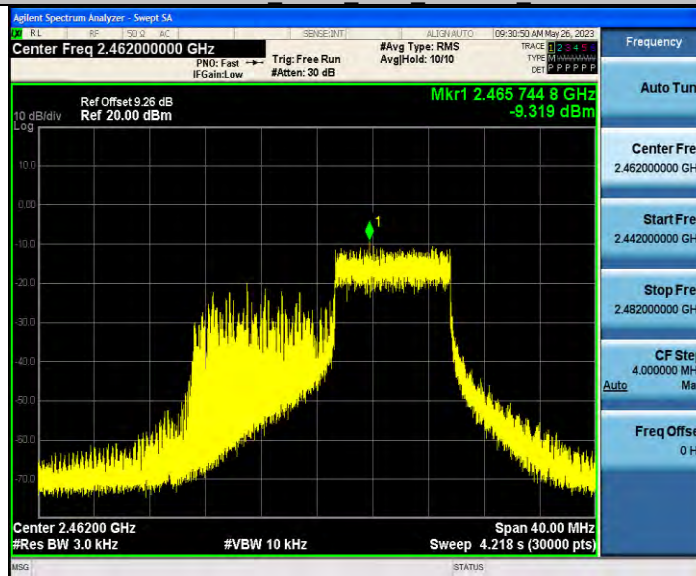
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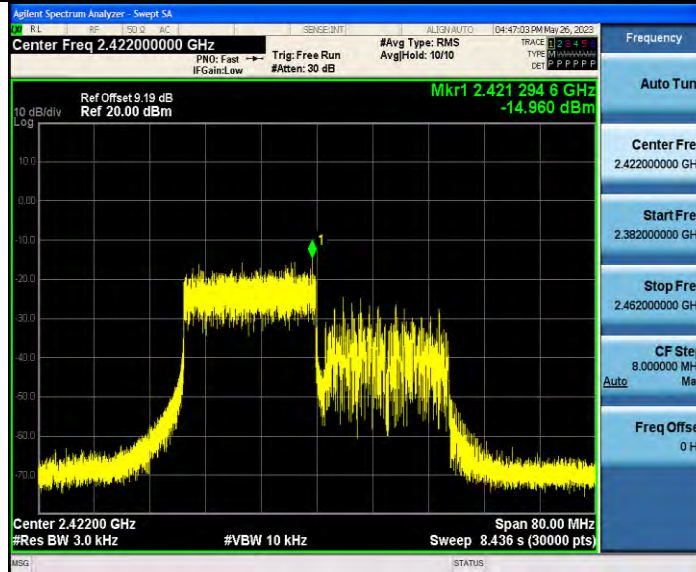
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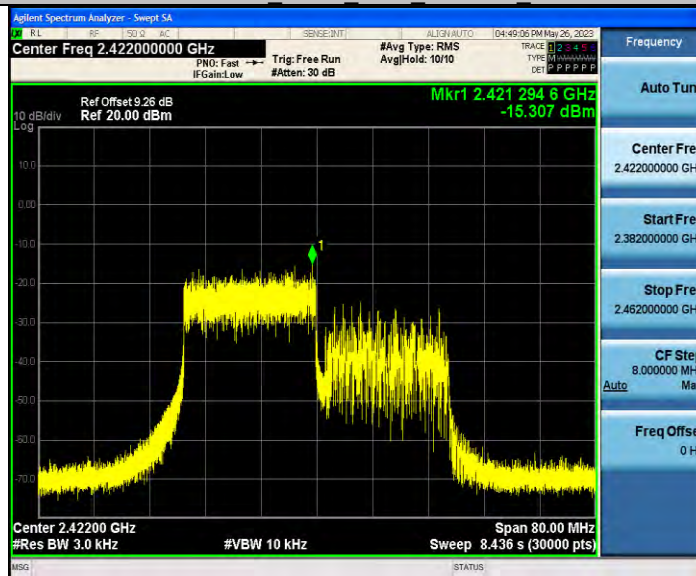
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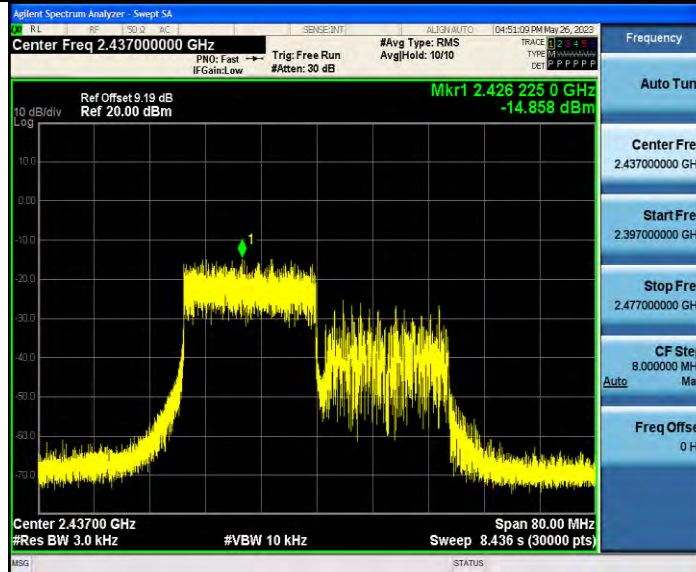


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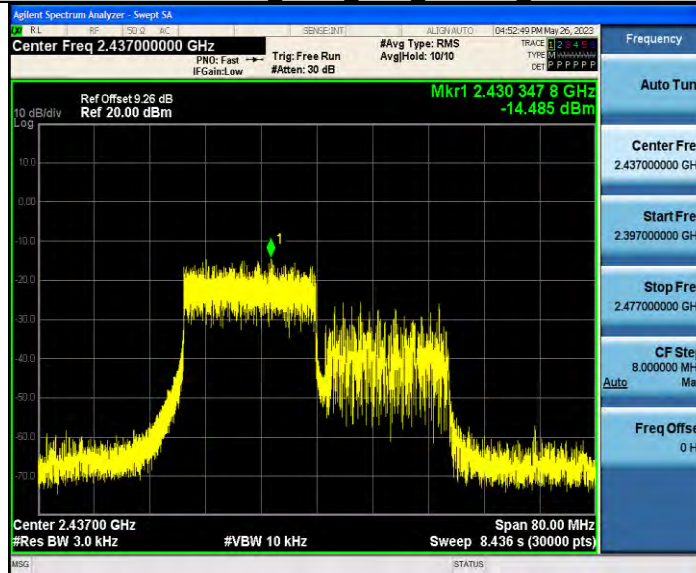
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11x40MIMO Ant22 2437 242Tone RU61



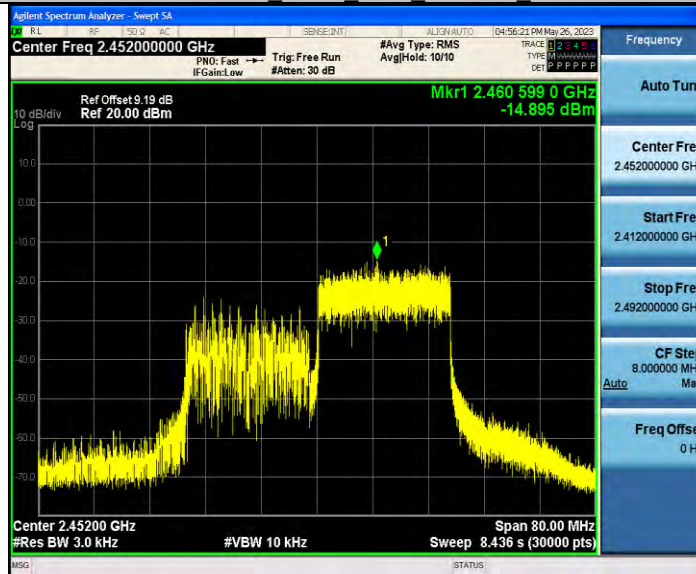
11x40MIMO Ant24 2437 242Tone RU61



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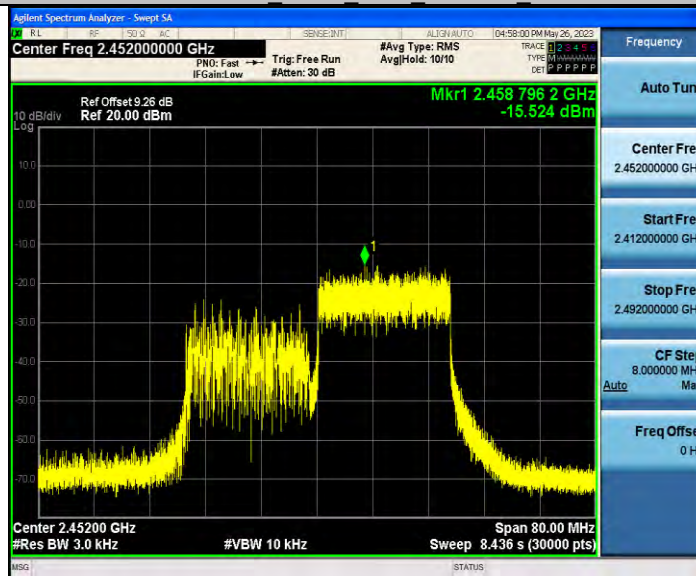
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11ax40MIMO Ant22 2452 242Tone RU62



Frequency
Auto Tune
Center Freq 2.45200000 GHz
Start Freq 2.41200000 GHz
Stop Freq 2.49200000 GHz
CF Step 8.000000 MHz Auto Man
Freq Offset 0 Hz

11ax40MIMO Ant24 2452 242Tone RU62



Frequency
Auto Tune
Center Freq 2.45200000 GHz
Start Freq 2.41200000 GHz
Stop Freq 2.49200000 GHz
CF Step 8.000000 MHz Auto Man
Freq Offset 0 Hz



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Band edge measurements
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11b-CDD	Ant22	Low	2412	6.83	-48.49	≤-13.17	PASS
	Ant24	Low	2412	6.17	-33.91	≤-13.83	PASS
	Ant22	High	2462	6.96	-49.88	≤-13.04	PASS
	Ant24	High	2462	6.38	-50.81	≤-13.62	PASS
11g-CDD	Ant22	Low	2412	4.58	-33.79	≤-15.42	PASS
	Ant24	Low	2412	4.50	-38.15	≤-15.5	PASS
	Ant22	High	2462	4.23	-43.24	≤-15.77	PASS
	Ant24	High	2462	3.56	-39.94	≤-16.44	PASS
11n20MIMO	Ant22	Low	2412	1.45	-39.16	≤-18.55	PASS
	Ant24	Low	2412	1.98	-37.3	≤-18.02	PASS
	Ant22	High	2462	2.39	-48.86	≤-17.62	PASS
	Ant24	High	2462	3.81	-50.51	≤-16.2	PASS
11n40MIMO	Ant22	Low	2422	-1.59	-44.84	≤-21.59	PASS
	Ant24	Low	2422	-2.19	-41.09	≤-22.19	PASS
	Ant22	High	2452	-2.58	-42.44	≤-22.58	PASS
	Ant24	High	2452	-3.71	-40.12	≤-23.71	PASS
11ax20MIMO	Ant22	Low	2412	2.14	-36.05	≤-17.86	PASS
	Ant24	Low	2412	1.82	-38.57	≤-18.19	PASS
	Ant22	High	2462	2.89	-49.87	≤-17.11	PASS
	Ant24	High	2462	3.42	-50.15	≤-16.59	PASS
11ax40MIMO	Ant22	Low	2422	-2.97	-42.65	≤-22.97	PASS
	Ant24	Low	2422	-3.10	-43.48	≤-23.1	PASS
	Ant22	High	2452	-2.83	-43.85	≤-22.83	PASS
	Ant24	High	2452	-2.20	-43.95	≤-22.2	PASS



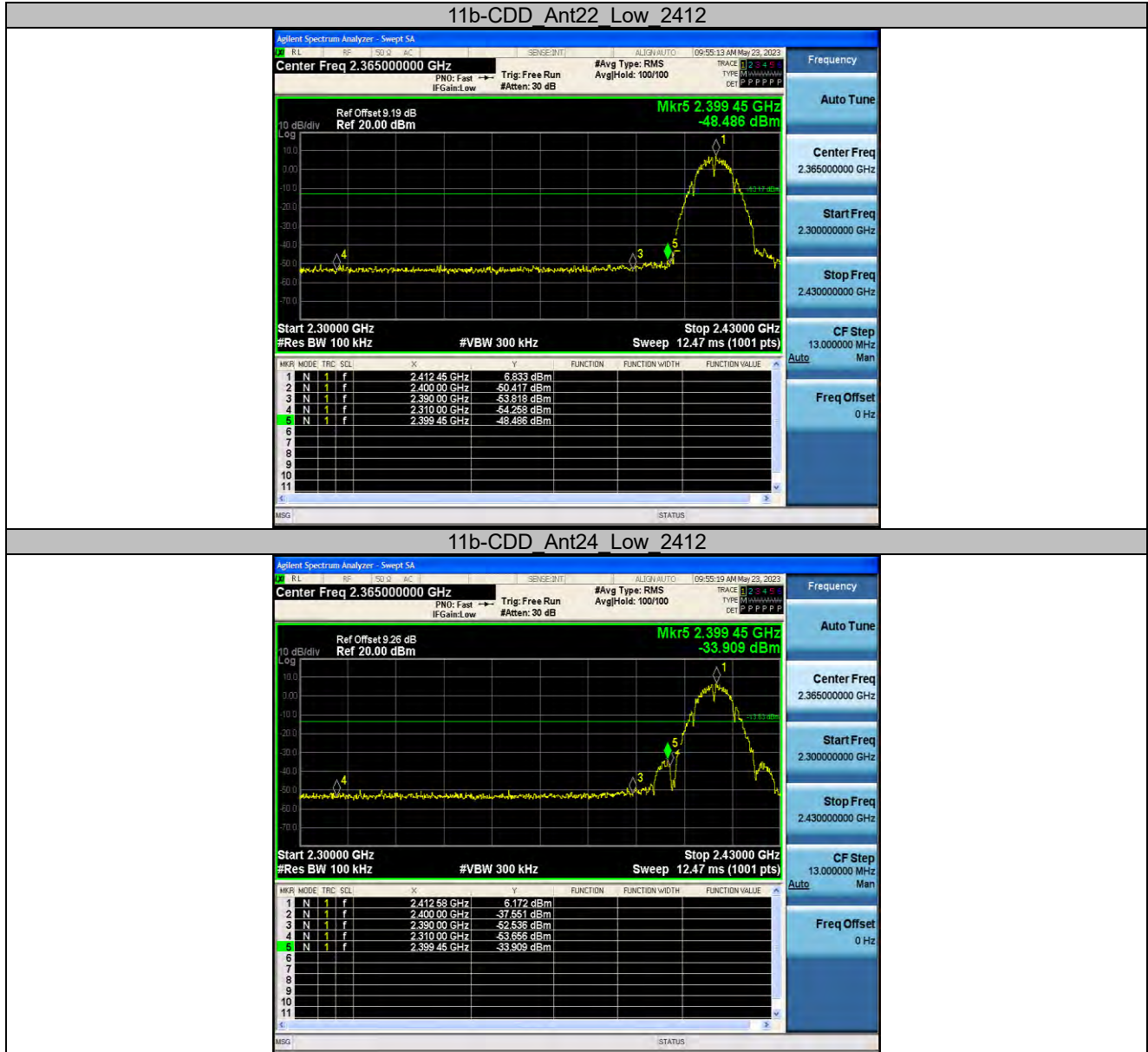
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Test Graphs

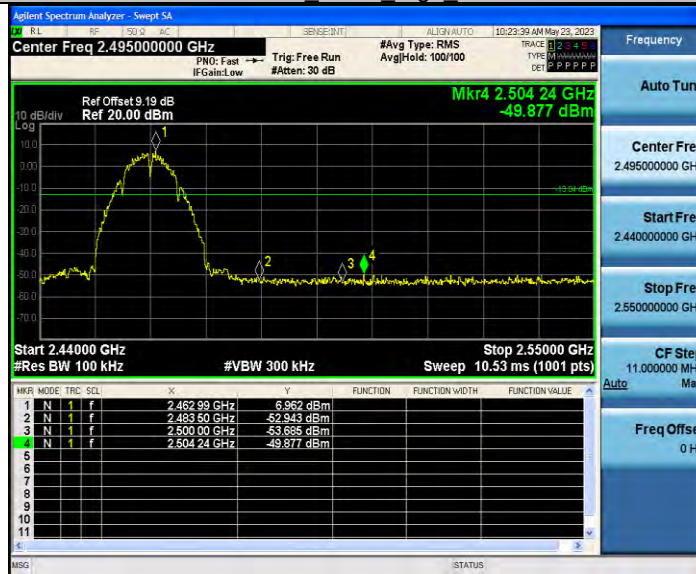


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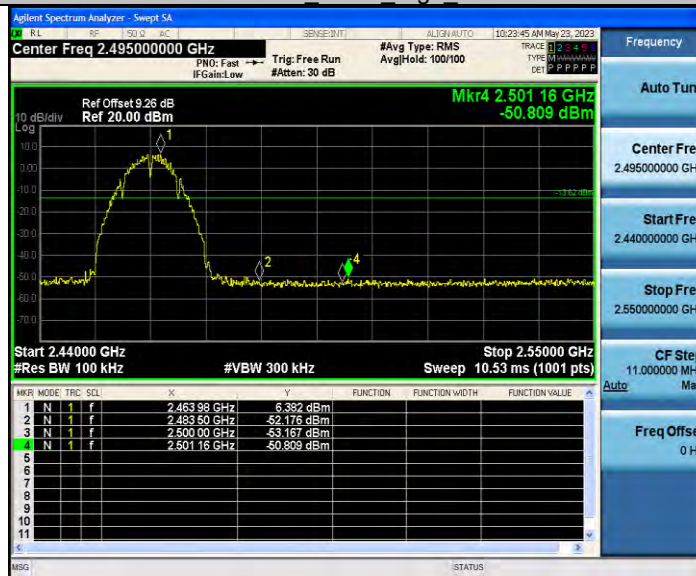
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11b-CDD Ant22 High 2462



Frequency
Auto Tune
Center Freq
2.495000000 GHz
Start Freq
2.440000000 GHz
Stop Freq
2.550000000 GHz
CF Step
11.000000 MHz
Man
Auto
Freq Offset
0 Hz

11b-CDD Ant24 High 2462



Frequency
Auto Tune
Center Freq
2.495000000 GHz
Start Freq
2.440000000 GHz
Stop Freq
2.550000000 GHz
CF Step
11.000000 MHz
Man
Auto
Freq Offset
0 Hz



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11g-CDD Ant22_Low 2412



11g-CDD Ant24_Low 2412



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11g-CDD Ant22 High 2462



11g-CDD Ant24 High 2462



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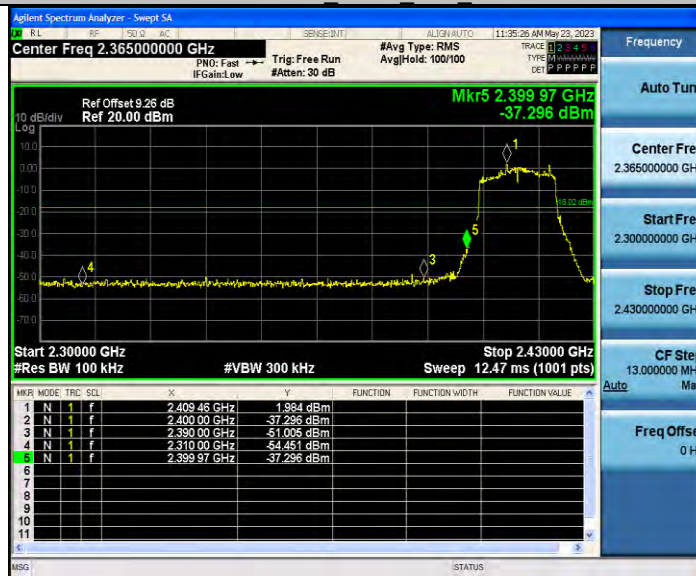
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11n20MIMO Ant22_Low 2412



11n20MIMO Ant24_Low 2412

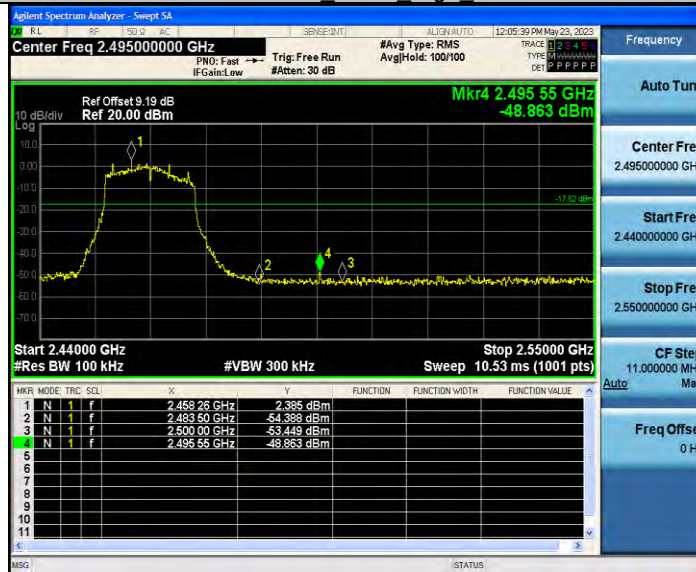


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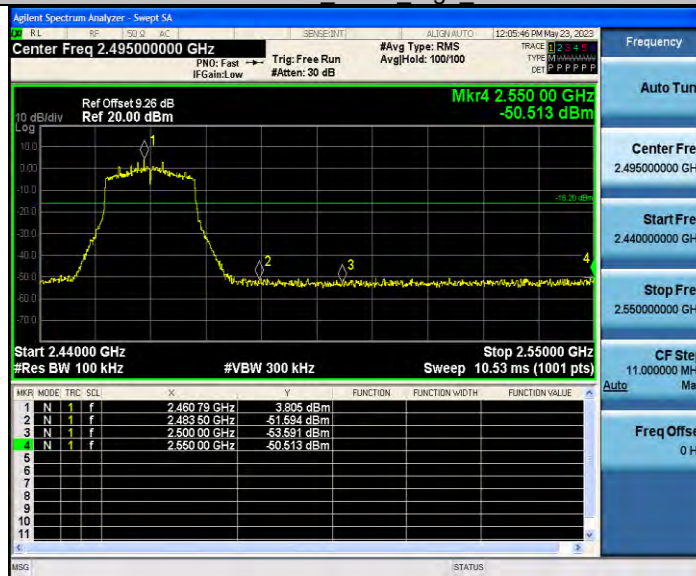
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11n20MIMO Ant22 High 2462



11n20MIMO Ant24 High 2462

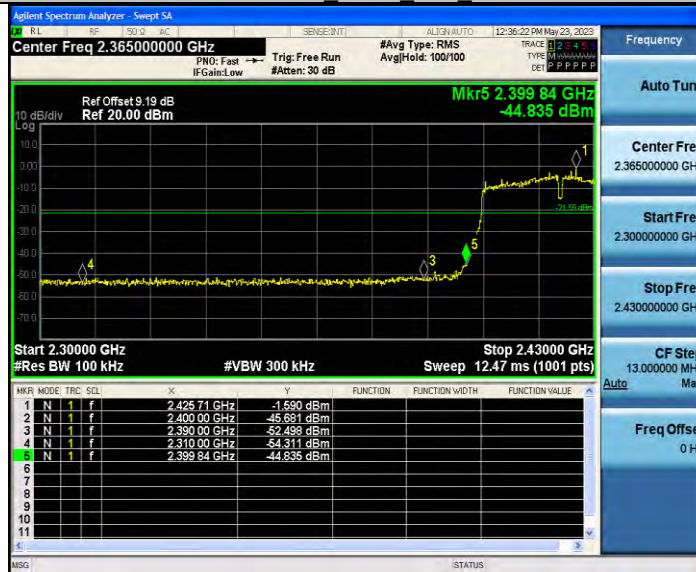


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11n40MIMO Ant22 Low 2422



11n40MIMO Ant24 Low 2422



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11n40MIMO Ant22 High 2452



11n40MIMO Ant24 High 2452



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11ax20MIMO Ant22 Low 2412



11ax20MIMO Ant24 Low 2412

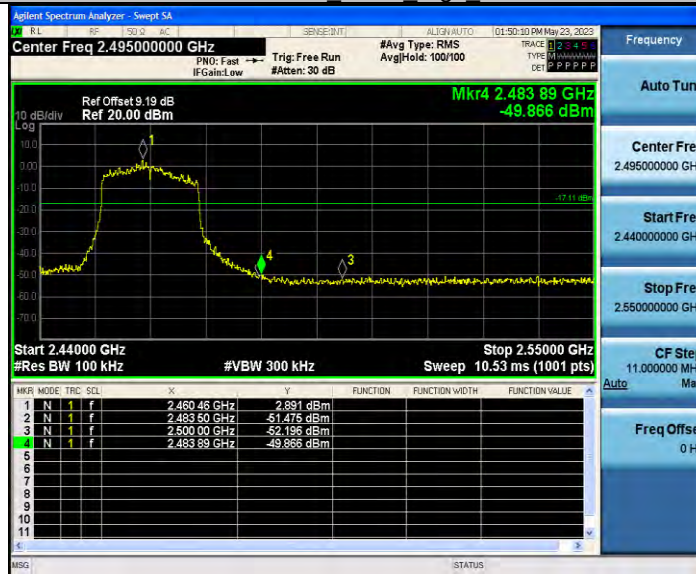


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11ax20MIMO Ant22_High_2462



Frequency
Auto Tune
Center Freq
2.495000000 GHz
Start Freq
2.440000000 GHz
Stop Freq
2.550000000 GHz
CF Step
11.000000 MHz
Man
Auto
Freq Offset
0 Hz

11ax20MIMO Ant24_High_2462



Frequency
Auto Tune
Center Freq
2.495000000 GHz
Start Freq
2.440000000 GHz
Stop Freq
2.550000000 GHz
CF Step
11.000000 MHz
Man
Auto
Freq Offset
0 Hz



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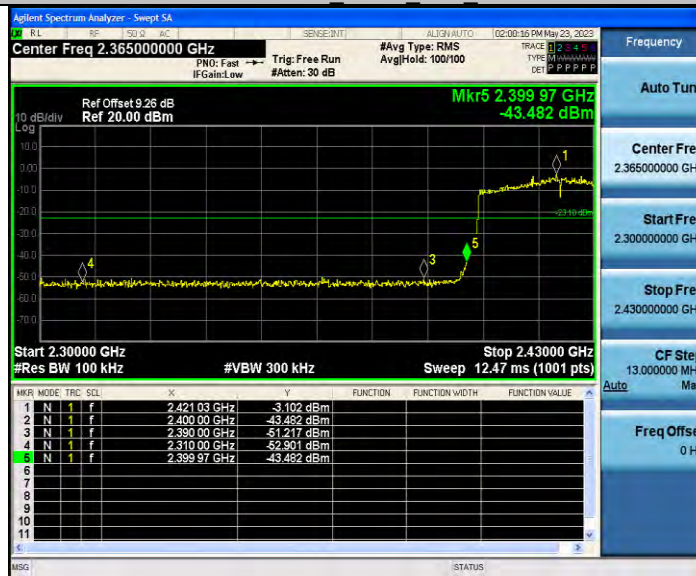
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11ax40MIMO Ant22 Low 2422



11ax40MIMO Ant24 Low 2422



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11ax40MIMO Ant22_High_2452



11ax40MIMO Ant24_High_2452



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Conducted Spurious Emission Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict	
11b-CDD	Ant22	2412	Reference	5.59	5.59	---	PASS	
			30~1000	5.59	-60.39	≤-14.41	PASS	
			1000~26500	5.59	-45.86	≤-14.41	PASS	
	Ant24	2412	Reference	5.46	5.46	---	PASS	
			30~1000	5.46	-60.21	≤-14.54	PASS	
			1000~26500	5.46	-45.93	≤-14.54	PASS	
	Ant22	2437	Reference	6.68	6.68	---	PASS	
			30~1000	6.68	-60.06	≤-13.32	PASS	
			1000~26500	6.68	-46.1	≤-13.32	PASS	
	Ant24	2437	Reference	5.77	5.77	---	PASS	
			30~1000	5.77	-59.63	≤-14.23	PASS	
			1000~26500	5.77	-44.55	≤-14.23	PASS	
	Ant22	2462	Reference	5.74	5.74	---	PASS	
			30~1000	5.74	-60.24	≤-14.26	PASS	
			1000~26500	5.74	-45.34	≤-14.26	PASS	
	Ant24	2462	Reference	6.24	6.24	---	PASS	
			30~1000	6.24	-59.82	≤-13.76	PASS	
			1000~26500	6.24	-46.03	≤-13.76	PASS	
	11g-CDD	Ant22	2412	Reference	3.22	3.22	---	PASS
				30~1000	3.22	-59.61	≤-16.78	PASS
				1000~26500	3.22	-45.73	≤-16.78	PASS
		Ant24	2412	Reference	1.54	1.54	---	PASS
				30~1000	1.54	-59.92	≤-18.46	PASS
				1000~26500	1.54	-45.91	≤-18.46	PASS
Ant22		2437	Reference	3.84	3.84	---	PASS	
			30~1000	3.84	-59.97	≤-16.16	PASS	
			1000~26500	3.84	-45.61	≤-16.16	PASS	
Ant24		2437	Reference	2.23	2.23	---	PASS	
			30~1000	2.23	-59.95	≤-17.77	PASS	
			1000~26500	2.23	-46.18	≤-17.77	PASS	
Ant22		2462	Reference	1.24	1.24	---	PASS	
			30~1000	1.24	-59.93	≤-18.76	PASS	
			1000~26500	1.24	-45.89	≤-18.76	PASS	
Ant24		2462	Reference	2.18	2.18	---	PASS	
			30~1000	2.18	-59.7	≤-17.82	PASS	
			1000~26500	2.18	-46.04	≤-17.82	PASS	
11n20MIMO		Ant22	2412	Reference	0.07	0.07	---	PASS
				30~1000	0.07	-59.95	≤-19.93	PASS
				1000~26500	0.07	-46.18	≤-19.93	PASS
		Ant24	2412	Reference	-0.55	-0.55	---	PASS
				30~1000	-0.55	-60.68	≤-20.55	PASS
				1000~26500	-0.55	-45.88	≤-20.55	PASS
	Ant22	2437	Reference	0.70	0.70	---	PASS	
			30~1000	0.70	-60.78	≤-19.3	PASS	
			1000~26500	0.70	-45	≤-19.3	PASS	
	Ant24	2437	Reference	1.28	1.28	---	PASS	
			30~1000	1.28	-59.69	≤-18.72	PASS	
			1000~26500	1.28	-46.19	≤-18.72	PASS	
	Ant22	2462	Reference	1.28	1.28	---	PASS	
			30~1000	1.28	-60.9	≤-18.72	PASS	



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	Ant24	2462	1000~26500	1.28	-46.06	≤-18.72	PASS
			Reference	0.30	0.30	---	PASS
			30~1000	0.30	-60.44	≤-19.7	PASS
	Ant22	2422	1000~26500	0.30	-45.18	≤-19.7	PASS
			Reference	-3.81	-3.81	---	PASS
			30~1000	-3.81	-60.32	≤-23.81	PASS
11n40MIMO	Ant24	2422	1000~26500	-3.81	-45.64	≤-23.81	PASS
			Reference	-4.52	-4.52	---	PASS
			30~1000	-4.52	-60.15	≤-24.52	PASS
	Ant22	2437	1000~26500	-4.52	-45.66	≤-24.52	PASS
			Reference	-4.86	-4.86	---	PASS
			30~1000	-4.86	-59.65	≤-24.86	PASS
	Ant24	2437	1000~26500	-4.86	-46.28	≤-24.86	PASS
			Reference	-3.92	-3.92	---	PASS
			30~1000	-3.92	-59.57	≤-23.92	PASS
	Ant22	2452	1000~26500	-3.92	-45.71	≤-23.92	PASS
			Reference	-4.97	-4.97	---	PASS
			30~1000	-4.97	-60.39	≤-24.97	PASS
Ant24	2452	1000~26500	-4.97	-46.29	≤-24.97	PASS	
		Reference	-5.46	-5.46	---	PASS	
		30~1000	-5.46	-60.2	≤-25.46	PASS	
11ax20MIMO	Ant22	2412	1000~26500	-5.46	-45.99	≤-25.46	PASS
			Reference	0.47	0.47	---	PASS
			30~1000	0.47	-59.81	≤-19.53	PASS
	Ant24	2412	1000~26500	0.47	-46.39	≤-19.53	PASS
			Reference	1.90	1.90	---	PASS
			30~1000	1.90	-60.47	≤-18.1	PASS
	Ant22	2437	1000~26500	1.90	-45.96	≤-18.1	PASS
			Reference	0.95	0.95	---	PASS
			30~1000	0.95	-59.55	≤-19.05	PASS
	Ant24	2437	1000~26500	0.95	-45.69	≤-19.05	PASS
			Reference	2.24	2.24	---	PASS
			30~1000	2.24	-60.28	≤-17.76	PASS
Ant22	2462	1000~26500	2.24	-44.7	≤-17.76	PASS	
		Reference	-0.44	-0.44	---	PASS	
		30~1000	-0.44	-60.39	≤-20.44	PASS	
Ant24	2462	1000~26500	-0.44	-46.05	≤-20.44	PASS	
		Reference	0.66	0.66	---	PASS	
		30~1000	0.66	-58.96	≤-19.34	PASS	
11ax40MIMO	Ant22	2422	1000~26500	0.66	-45.94	≤-19.34	PASS
			Reference	-4.91	-4.91	---	PASS
			30~1000	-4.91	-60.07	≤-24.91	PASS
	Ant24	2422	1000~26500	-4.91	-46.15	≤-24.91	PASS
			Reference	-4.86	-4.86	---	PASS
			30~1000	-4.86	-59.15	≤-24.86	PASS
	Ant22	2437	1000~26500	-4.86	-45.49	≤-24.86	PASS
			Reference	-5.21	-5.21	---	PASS
			30~1000	-5.21	-60.37	≤-25.21	PASS
	Ant24	2437	1000~26500	-5.21	-45.59	≤-25.21	PASS
			Reference	-5.35	-5.35	---	PASS
			30~1000	-5.35	-59.68	≤-25.35	PASS
Ant22	2452	1000~26500	-5.35	-44.6	≤-25.35	PASS	
		Reference	-4.15	-4.15	---	PASS	
		30~1000	-4.15	-59.52	≤-24.15	PASS	
Ant24	2452	1000~26500	-4.15	-45.65	≤-24.15	PASS	
		Reference	-4.72	-4.72	---	PASS	



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Report No.: SEWM2305000166RG05

Rev.: 01

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			30~1000	-4.72	-59.75	≤-24.72	PASS
			1000~26500	-4.72	-45.7	≤-24.72	PASS

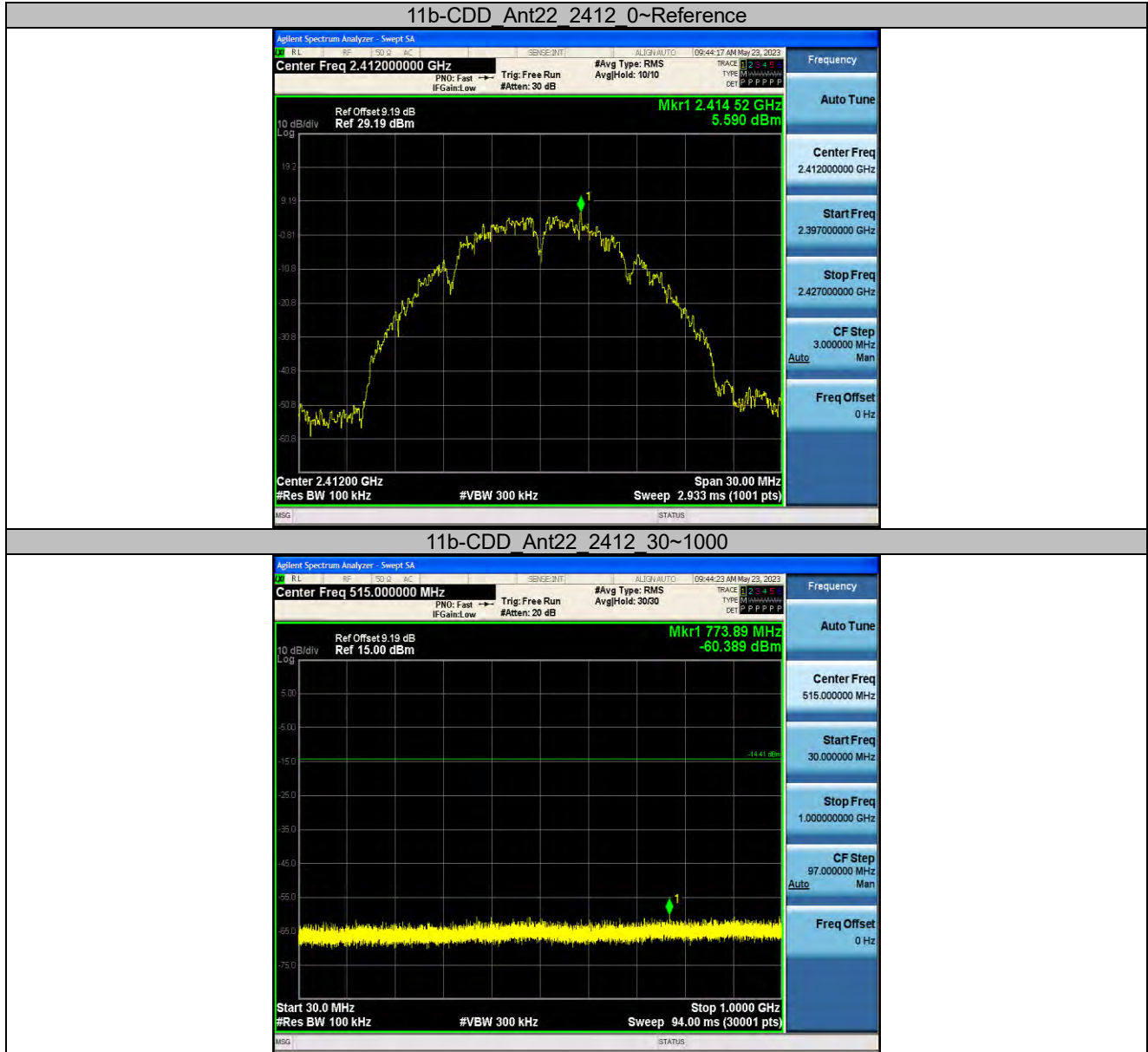


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Test Graphs



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11b-CDD Ant22_2412_1000~26500



11b-CDD Ant24_2412_0~Reference



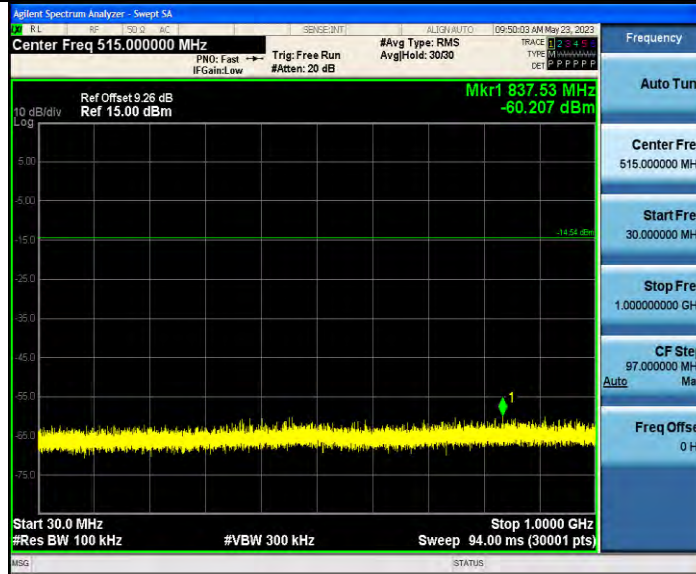
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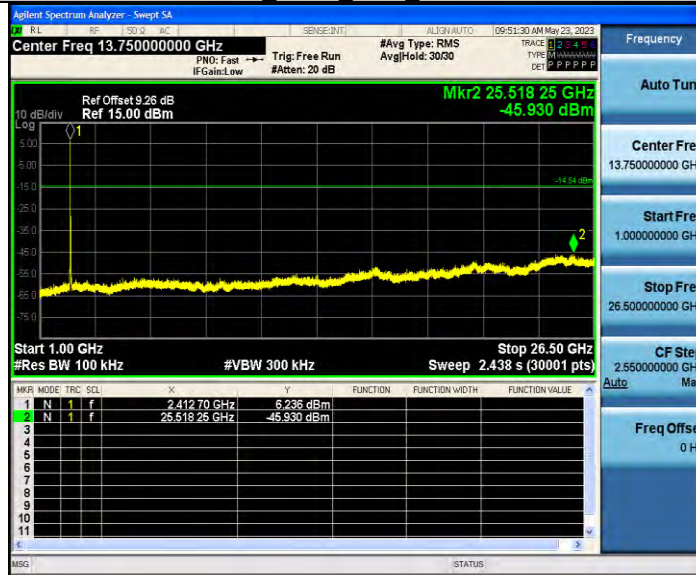
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11b-CDD Ant24 2412 30~1000



11b-CDD Ant24 2412 1000~26500



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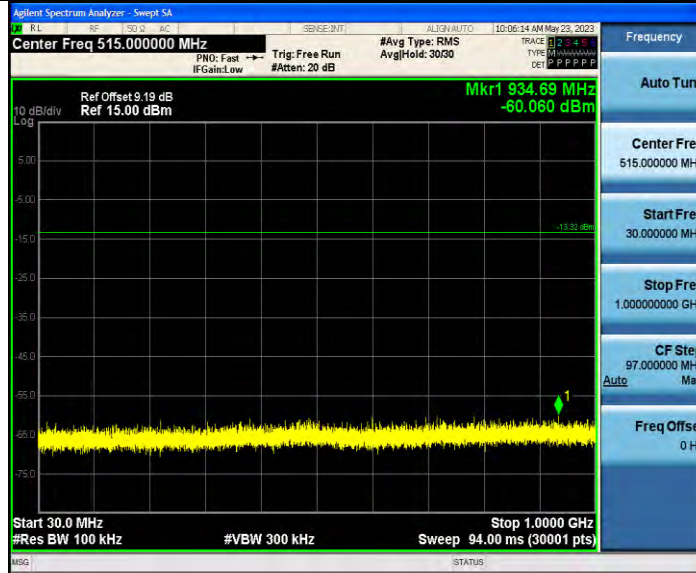
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11b-CDD Ant22_2437 0~Reference



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