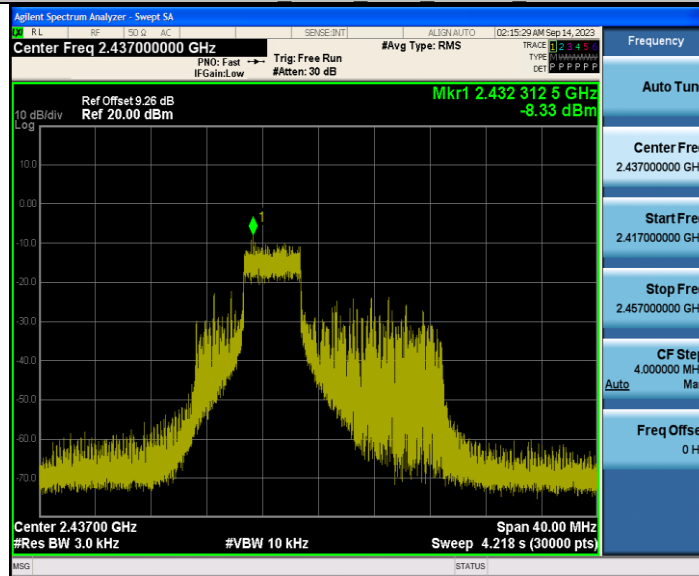
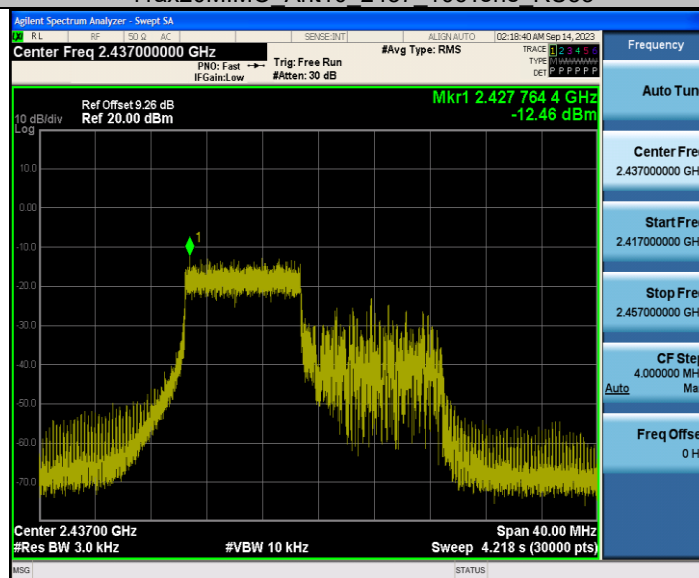


11ax20MIMO Ant10 2437 52Tone RU38

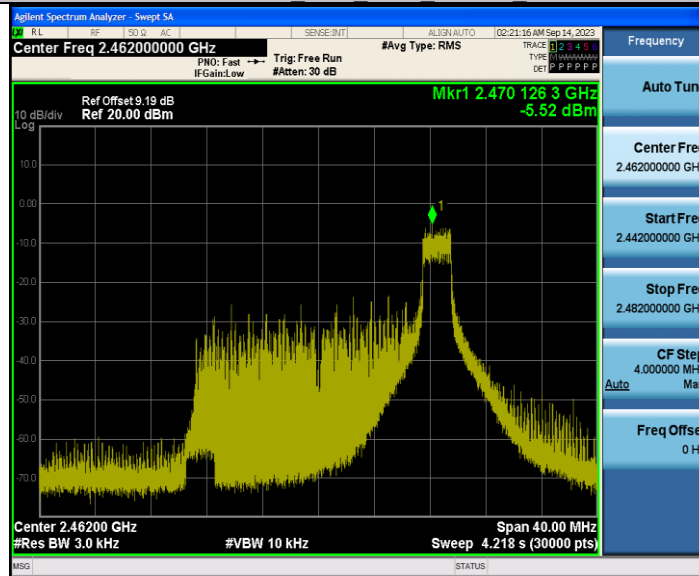


11ax20MIMO Ant10 2437 106Tone RU53

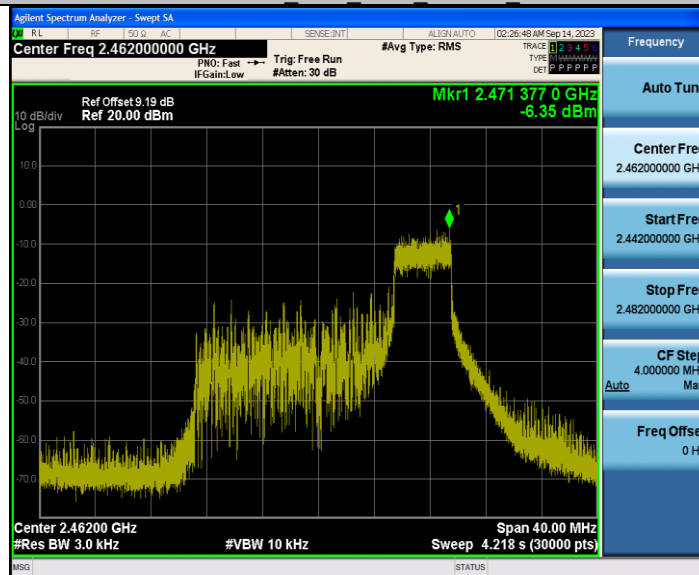


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11ax20MIMO Ant9 2462 26Tone RU8

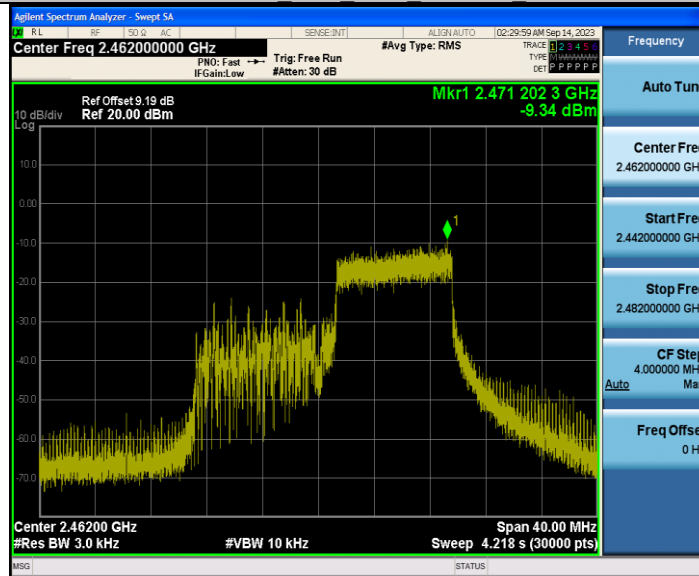


11ax20MIMO Ant9 2462 52Tone RU40

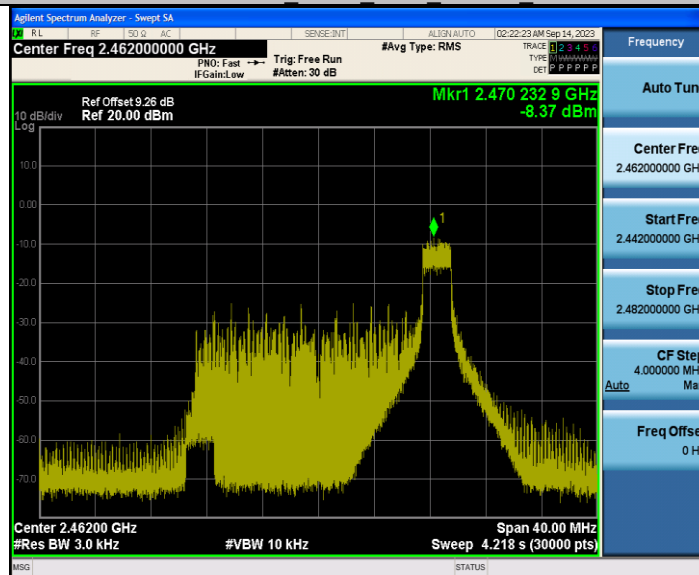


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11ax20MIMO Ant9 2462 106Tone RU54

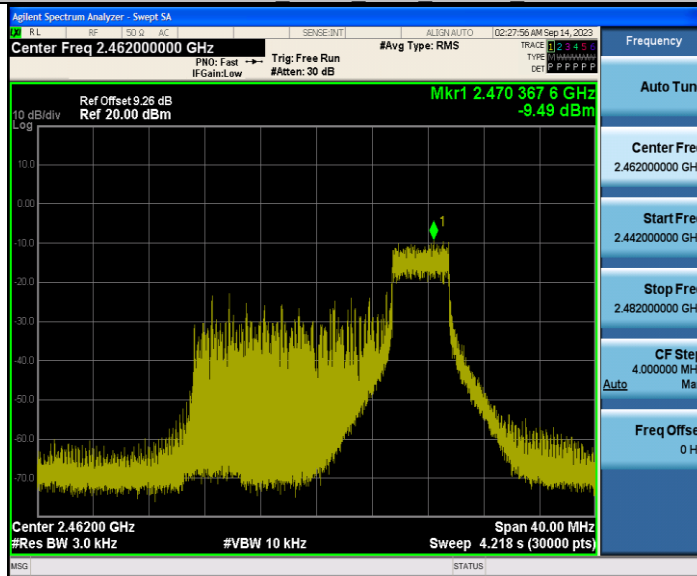


11ax20MIMO Ant10 2462 26Tone RU8

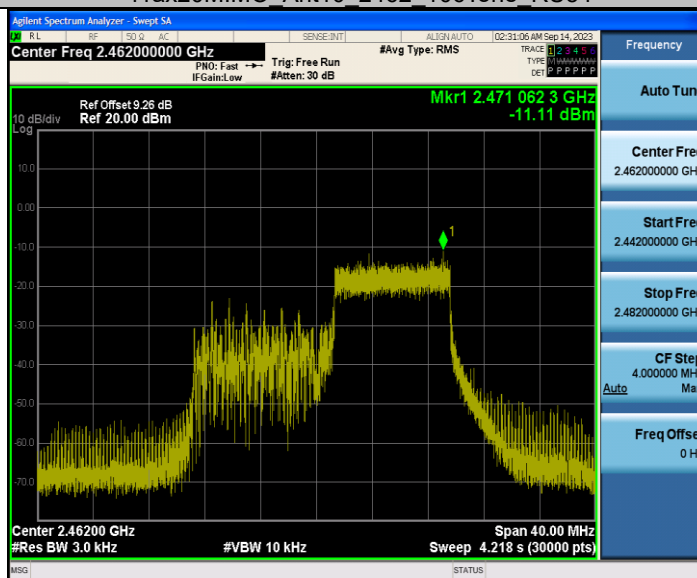


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11ax20MIMO Ant10 2462 52Tone RU40

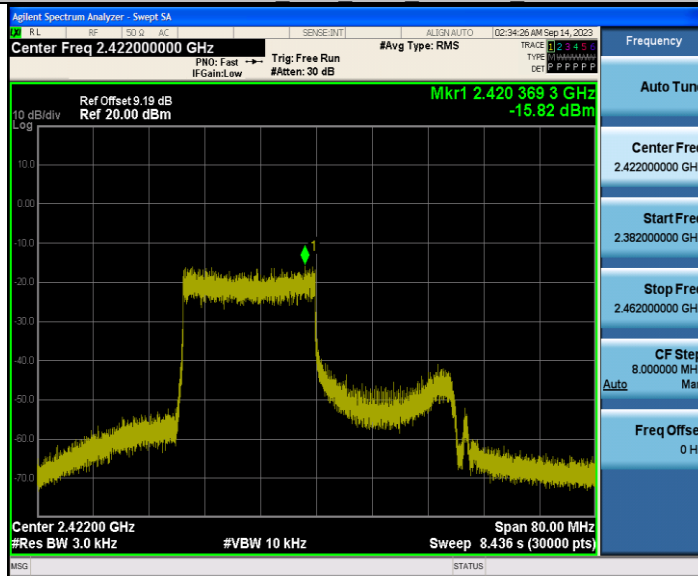


11ax20MIMO Ant10 2462 106Tone RU54

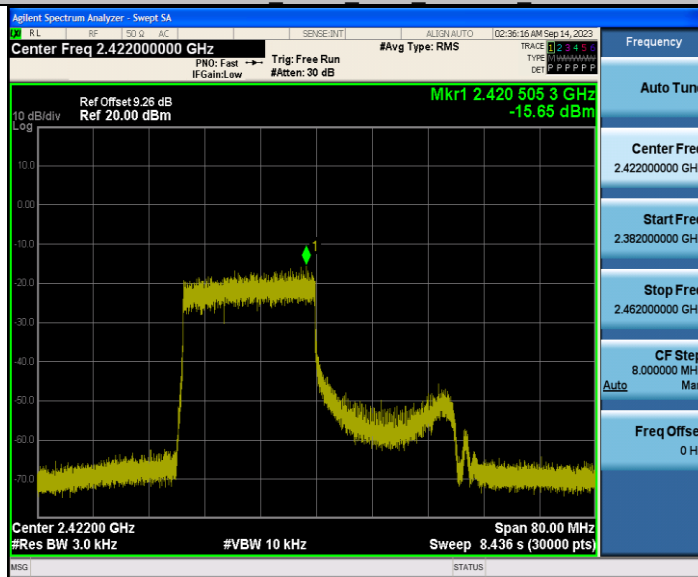


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11ax40MIMO Ant9 2422 242Tone RU61



11ax40MIMO Ant10 2422 242Tone RU61



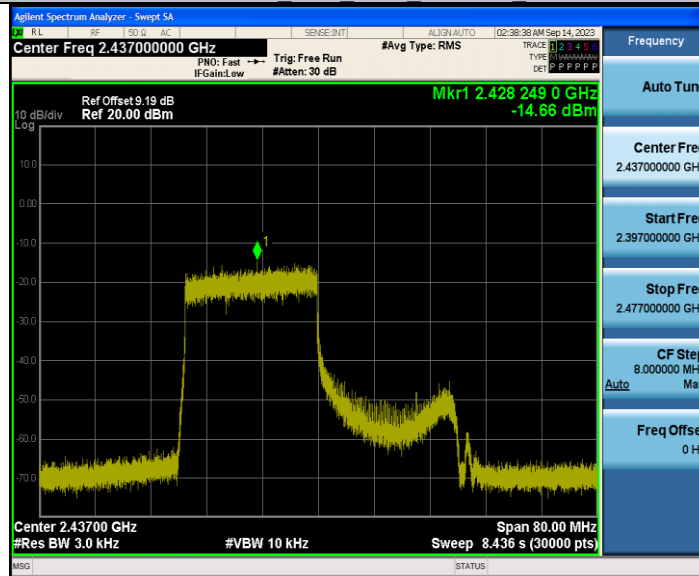
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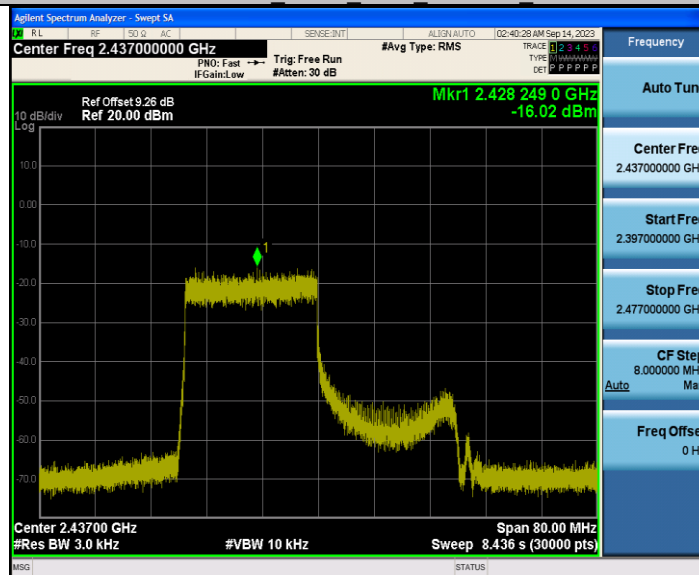
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11ax40MIMO Ant9 2437 242Tone RU61



11ax40MIMO Ant10 2437 242Tone RU61



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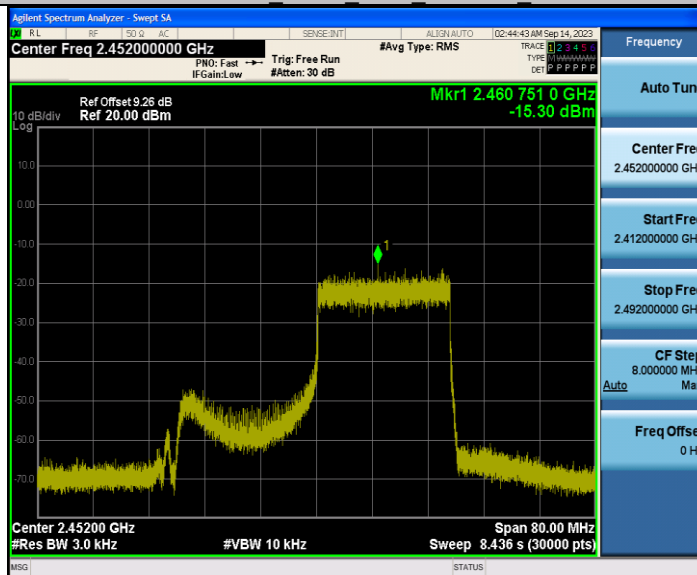
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11ax40MIMO Ant9 2452 242Tone RU62



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Band edge measurements
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11b-CDD	Ant9	Low	2412	4.29	-40.1	≤-15.71	PASS
	Ant10	Low	2412	4.09	-46.88	≤-15.91	PASS
	Ant9	High	2462	4.36	-48.88	≤-15.64	PASS
	Ant10	High	2462	4.24	-49.07	≤-15.76	PASS
11g-CDD	Ant9	Low	2412	0.98	-25.07	≤-19.02	PASS
	Ant10	Low	2412	1.80	-29.53	≤-18.2	PASS
	Ant9	High	2462	3.13	-46.86	≤-16.87	PASS
	Ant10	High	2462	2.49	-43.23	≤-17.51	PASS
11n20MIMO	Ant9	Low	2412	1.40	-26.88	≤-18.6	PASS
	Ant10	Low	2412	0.79	-31.52	≤-19.21	PASS
	Ant9	High	2462	3.13	-47.84	≤-16.87	PASS
	Ant10	High	2462	3.17	-42.8	≤-16.84	PASS
11n40MIMO	Ant9	Low	2422	0.63	-33.16	≤-19.37	PASS
	Ant10	Low	2422	-1.66	-40.62	≤-21.66	PASS
	Ant9	High	2452	-2.32	-37.05	≤-22.32	PASS
	Ant10	High	2452	-2.47	-46.09	≤-22.47	PASS
11VHT20MIMO	Ant9	Low	2412	1.73	-28.23	≤-18.27	PASS
	Ant10	Low	2412	-3.18	-31.04	≤-23.18	PASS
	Ant9	High	2462	1.70	-47.14	≤-18.3	PASS
	Ant10	High	2462	1.99	-45.63	≤-18.01	PASS
11VHT40MIMO	Ant9	Low	2422	-3.86	-43.97	≤-23.86	PASS
	Ant10	Low	2422	1.31	-39.09	≤-18.69	PASS
	Ant9	High	2452	-6.10	-36.55	≤-26.1	PASS
	Ant10	High	2452	-2.04	-47.92	≤-22.04	PASS
11ax20MIMO	Ant9	Low	2412	0.90	-30.35	≤-19.1	PASS
	Ant10	Low	2412	0.20	-32.6	≤-19.8	PASS
	Ant9	High	2462	2.37	-44.01	≤-17.63	PASS
	Ant10	High	2462	1.71	-46.78	≤-18.29	PASS
11ax40MIMO	Ant9	Low	2422	0.50	-35.26	≤-19.51	PASS
	Ant10	Low	2422	-0.73	-45.62	≤-20.73	PASS
	Ant9	High	2452	-3.05	-39.85	≤-23.05	PASS
	Ant10	High	2452	-2.85	-47	≤-22.85	PASS

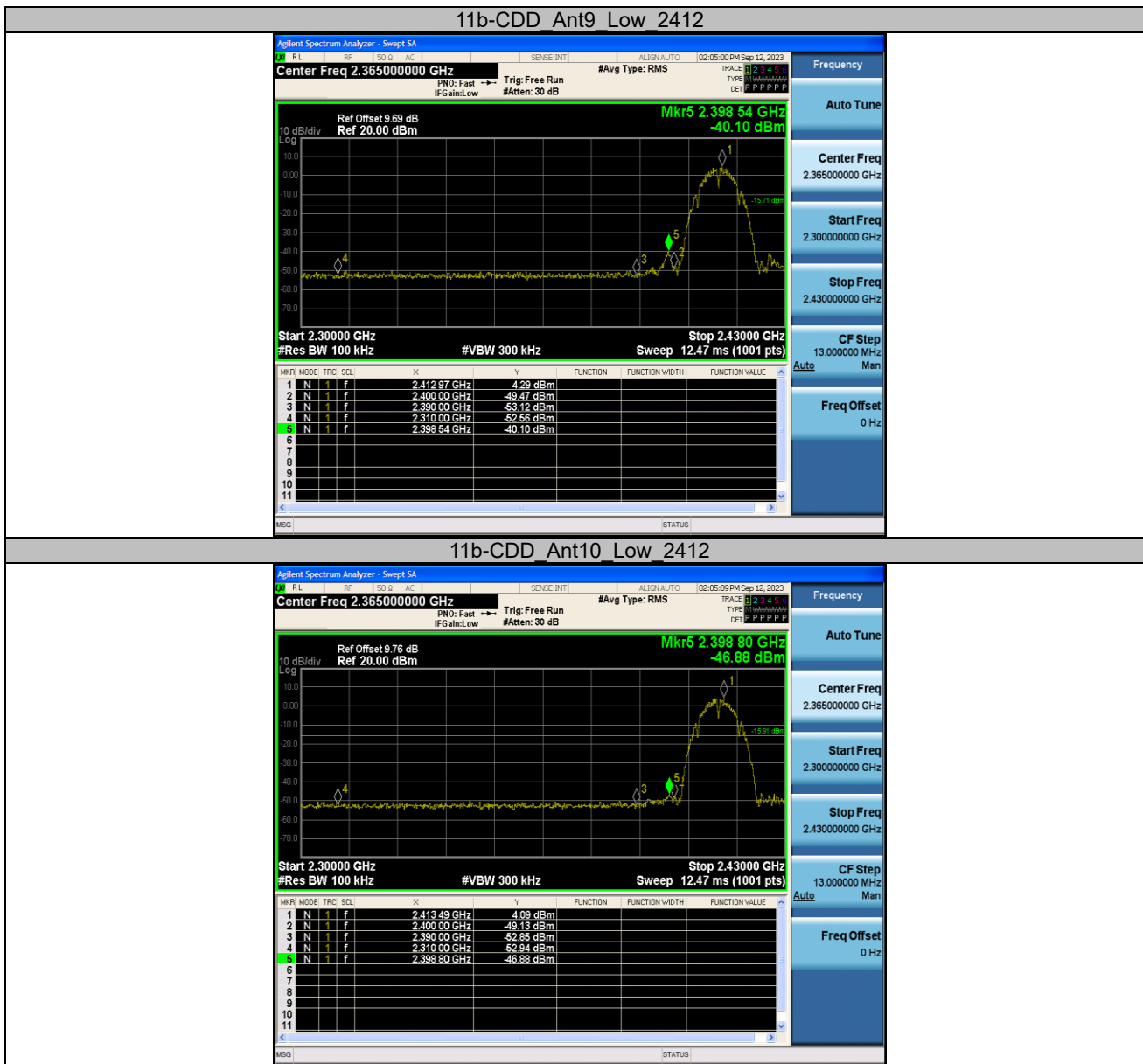


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Test Graphs

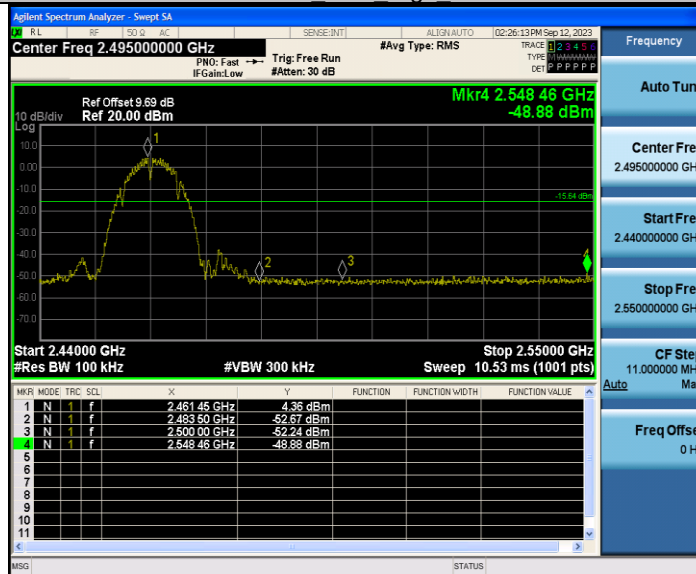


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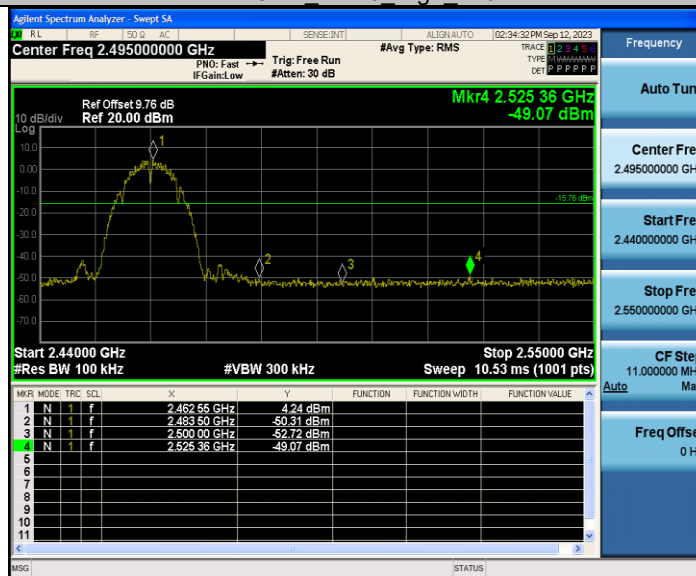
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11b-CDD Ant9 High 2462



Frequency
Auto Tune
Center Freq 2.495000000 GHz
Start Freq 2.440000000 GHz
Stop Freq 2.560000000 GHz
CF Step 11.000000 MHz
Freq Offset 0 Hz

11b-CDD Ant10 High 2462



Frequency
Auto Tune
Center Freq 2.495000000 GHz
Start Freq 2.440000000 GHz
Stop Freq 2.560000000 GHz
CF Step 11.000000 MHz
Freq Offset 0 Hz



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11g-CDD Ant9 Low 2412



11g-CDD Ant10 Low 2412



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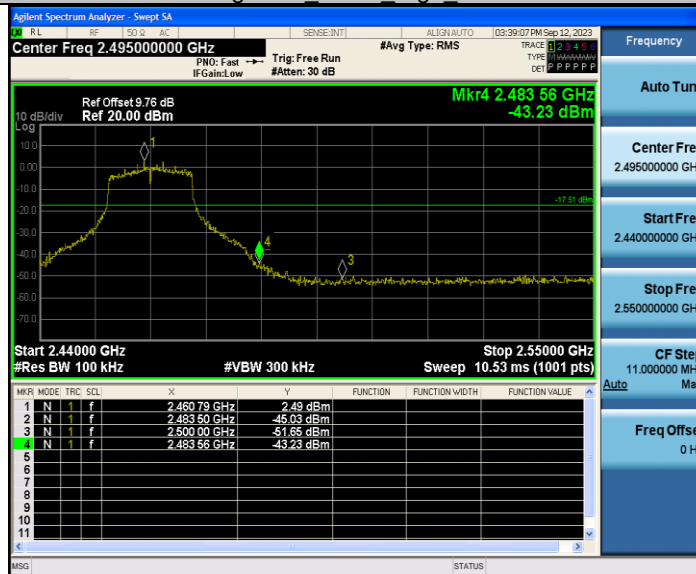
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11g-CDD Ant9 High 2462



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

11g-CDD Ant10 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
Freq Offset 0 Hz



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11n20MIMO Ant9 Low 2412



11n20MIMO Ant10 Low 2412



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11n20MIMO Ant9 High 2462



11n20MIMO Ant10 High 2462



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11n40MIMO Ant9 Low 2422



11n40MIMO Ant10 Low 2422



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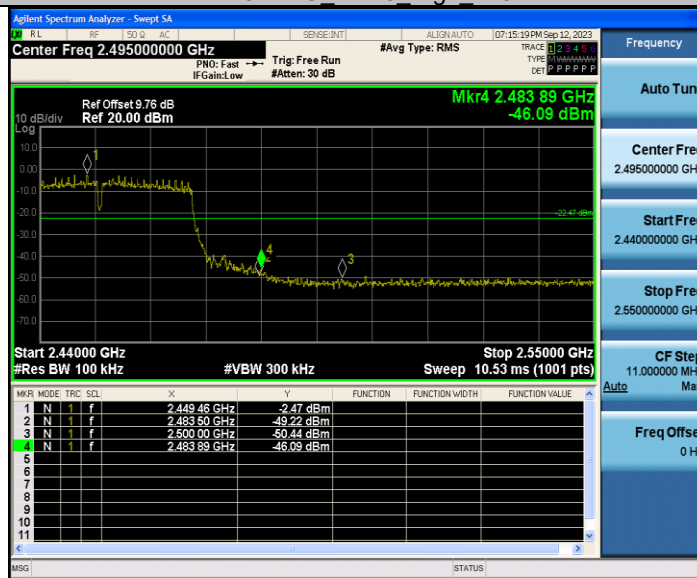
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11n40MIMO Ant10 High 2452



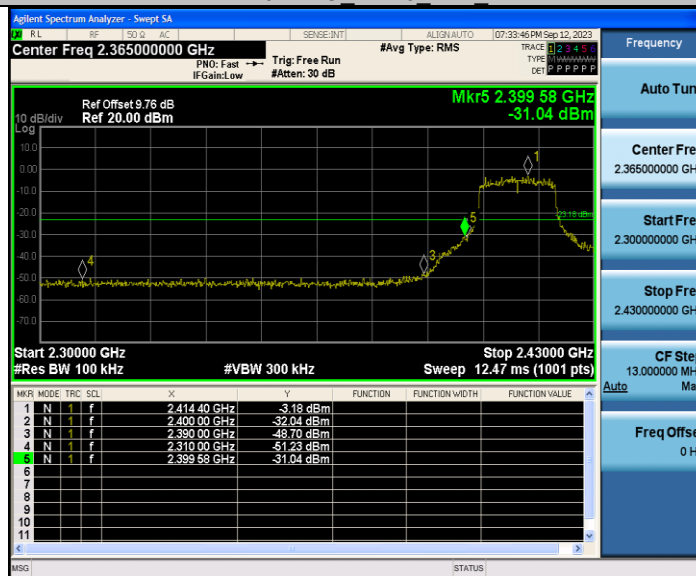
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11VHT20MIMO Ant9 Low 2412



11VHT20MIMO Ant10 Low 2412



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11VHT20MIMO Ant9 High 2462



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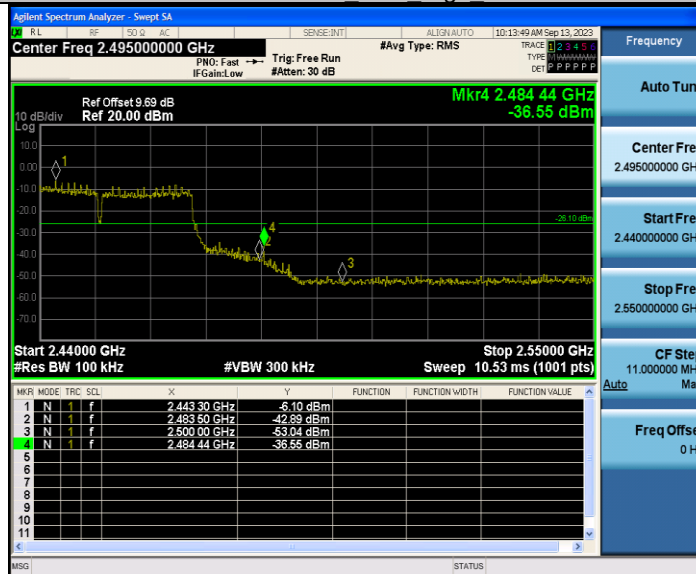


11VHT40MIMO Ant10 Low 2422

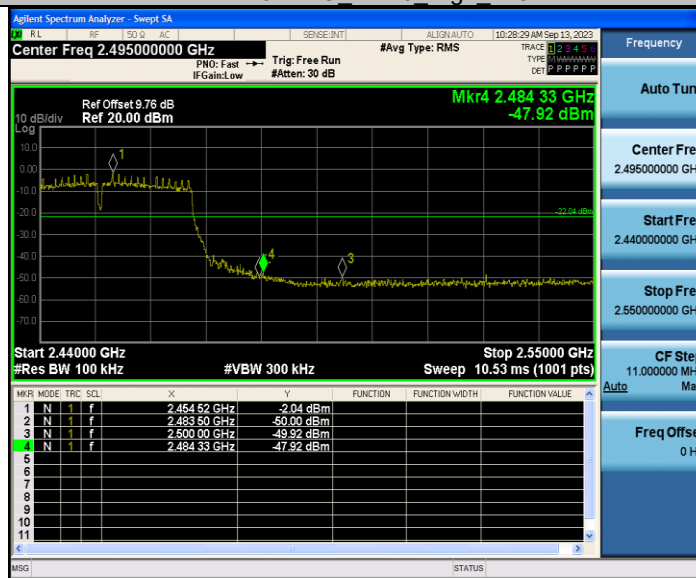


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11VHT40MIMO Ant10 High 2452



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11ax20MIMO Ant9 Low 2412



11ax20MIMO Ant10 Low 2412



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11ax20MIMO Ant9 High 2462



11ax20MIMO Ant10 High 2462



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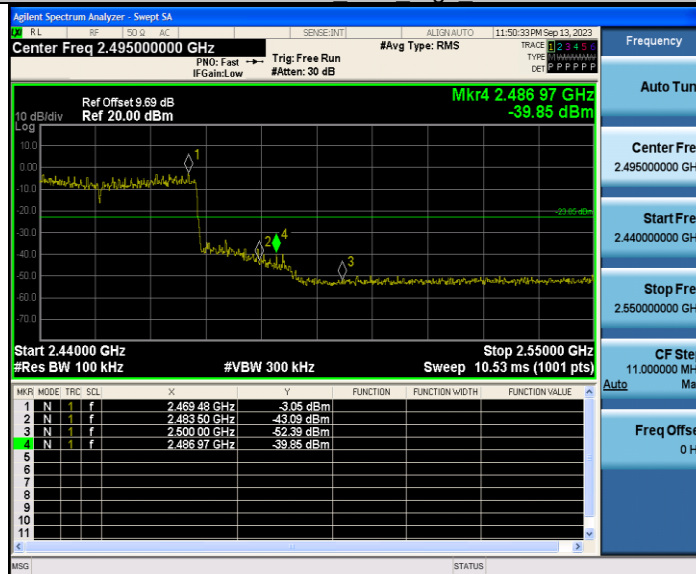
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Conducted Spurious Emission Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11b-CDD	Ant9	2412	Reference	2.87	2.87	---	PASS
			30~1000	2.87	-60.16	≤-17.13	PASS
			1000~26500	2.87	-45.82	≤-17.13	PASS
	Ant10	2412	Reference	2.23	2.23	---	PASS
			30~1000	2.23	-60.41	≤-17.77	PASS
			1000~26500	2.23	-45.26	≤-17.77	PASS
	Ant9	2437	Reference	3.23	3.23	---	PASS
			30~1000	3.23	-59.29	≤-16.77	PASS
			1000~26500	3.23	-45.28	≤-16.77	PASS
	Ant10	2437	Reference	3.72	3.72	---	PASS
			30~1000	3.72	-59.88	≤-16.28	PASS
			1000~26500	3.72	-44.25	≤-16.28	PASS
	Ant9	2462	Reference	3.57	3.57	---	PASS
			30~1000	3.57	-60.02	≤-16.43	PASS
			1000~26500	3.57	-44.84	≤-16.43	PASS
	Ant10	2462	Reference	4.30	4.30	---	PASS
			30~1000	4.30	-59.82	≤-15.7	PASS
			1000~26500	4.30	-45.46	≤-15.7	PASS
11g-CDD	Ant9	2412	Reference	0.66	0.66	---	PASS
			30~1000	0.66	-59.58	≤-19.34	PASS
			1000~26500	0.66	-45.1	≤-19.34	PASS
	Ant10	2412	Reference	-1.13	-1.13	---	PASS
			30~1000	-1.13	-60.56	≤-21.13	PASS
			1000~26500	-1.13	-45.2	≤-21.13	PASS
	Ant9	2437	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-60.01	≤-15.51	PASS
			1000~26500	4.49	-45.4	≤-15.51	PASS
	Ant10	2437	Reference	2.41	2.41	---	PASS
			30~1000	2.41	-55.21	≤-17.59	PASS
			1000~26500	2.41	-45.23	≤-17.59	PASS
	Ant9	2462	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-59.72	≤-18.8	PASS
			1000~26500	1.20	-45.62	≤-18.8	PASS
	Ant10	2462	Reference	2.10	2.10	---	PASS
			30~1000	2.10	-59.3	≤-17.9	PASS
			1000~26500	2.10	-45.33	≤-17.9	PASS
11n20MIMO	Ant9	2412	Reference	-0.70	-0.70	---	PASS
			30~1000	-0.70	-59.36	≤-20.7	PASS
			1000~26500	-0.70	-45.65	≤-20.7	PASS
	Ant10	2412	Reference	2.21	2.21	---	PASS
			30~1000	2.21	-59.36	≤-17.79	PASS
			1000~26500	2.21	-41.56	≤-17.79	PASS
	Ant9	2437	Reference	5.85	5.85	---	PASS
			30~1000	5.85	-59.81	≤-14.15	PASS
			1000~26500	5.85	-44.88	≤-14.15	PASS
	Ant10	2437	Reference	7.04	7.04	---	PASS
			30~1000	7.04	-59.88	≤-12.96	PASS
			1000~26500	7.04	-44.97	≤-12.96	PASS



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	Ant9	2462	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-57.78	≤-18.91	PASS
			1000~26500	1.09	-44.74	≤-18.91	PASS
	Ant10	2462	Reference	0.71	0.71	---	PASS
			30~1000	0.71	-59.61	≤-19.29	PASS
			1000~26500	0.71	-43.8	≤-19.29	PASS
11n40MIMO	Ant9	2422	Reference	0.84	0.84	---	PASS
			30~1000	0.84	-59.52	≤-19.16	PASS
			1000~26500	0.84	-45.13	≤-19.16	PASS
	Ant10	2422	Reference	-0.83	-0.83	---	PASS
			30~1000	-0.83	-48.62	≤-20.83	PASS
			1000~26500	-0.83	-42.4	≤-20.83	PASS
	Ant9	2437	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-59.12	≤-16.78	PASS
			1000~26500	3.22	-45.47	≤-16.78	PASS
	Ant10	2437	Reference	2.77	2.77	---	PASS
			30~1000	2.77	-58.7	≤-17.23	PASS
			1000~26500	2.77	-44.76	≤-17.23	PASS
	Ant9	2452	Reference	-2.39	-2.39	---	PASS
			30~1000	-2.39	-59.64	≤-22.39	PASS
			1000~26500	-2.39	-45.77	≤-22.39	PASS
	Ant10	2452	Reference	-3.10	-3.10	---	PASS
			30~1000	-3.10	-59.53	≤-23.1	PASS
			1000~26500	-3.10	-41.84	≤-23.1	PASS
11VHT20MIMO	Ant9	2412	Reference	-0.86	-0.86	---	PASS
			30~1000	-0.86	-59.95	≤-20.86	PASS
			1000~26500	-0.86	-45.56	≤-20.86	PASS
	Ant10	2412	Reference	-3.35	-3.35	---	PASS
			30~1000	-3.35	-54.56	≤-23.35	PASS
			1000~26500	-3.35	-30.39	≤-23.35	PASS
	Ant9	2437	Reference	3.72	3.72	---	PASS
			30~1000	3.72	-59.38	≤-16.28	PASS
			1000~26500	3.72	-45.67	≤-16.28	PASS
	Ant10	2437	Reference	4.68	4.68	---	PASS
			30~1000	4.68	-59.92	≤-15.32	PASS
			1000~26500	4.68	-44.66	≤-15.32	PASS
	Ant9	2462	Reference	-0.09	-0.09	---	PASS
			30~1000	-0.09	-60.31	≤-20.09	PASS
			1000~26500	-0.09	-45.7	≤-20.09	PASS
	Ant10	2462	Reference	-0.58	-0.58	---	PASS
			30~1000	-0.58	-60.15	≤-20.58	PASS
			1000~26500	-0.58	-45.23	≤-20.58	PASS
11VHT40MIMO	Ant9	2422	Reference	-5.89	-5.89	---	PASS
			30~1000	-5.89	-52.24	≤-25.89	PASS
			1000~26500	-5.89	-33.87	≤-25.89	PASS
	Ant10	2422	Reference	-2.57	-2.57	---	PASS
			30~1000	-2.57	-59.58	≤-22.57	PASS
			1000~26500	-2.57	-44.37	≤-22.57	PASS
	Ant9	2437	Reference	-1.11	-1.11	---	PASS
			30~1000	-1.11	-53.83	≤-21.11	PASS
			1000~26500	-1.11	-29.22	≤-21.11	PASS
	Ant10	2437	Reference	2.43	2.43	---	PASS
			30~1000	2.43	-59.82	≤-17.57	PASS



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	Ant9	2452	1000~26500	2.43	-45.39	≤-17.57	PASS	
			Reference	-6.65	-6.65	---	PASS	
			30~1000	-6.65	-54.8	≤-26.65	PASS	
	Ant10	2452	1000~26500	-6.65	-36.34	≤-26.65	PASS	
			Reference	-2.43	-2.43	---	PASS	
			30~1000	-2.43	-59.82	≤-22.43	PASS	
	11ax20MIMO	Ant9	2412	1000~26500	-2.43	-45.21	≤-22.43	PASS
				Reference	0.05	0.05	---	PASS
				30~1000	0.05	-58.57	≤-19.95	PASS
Ant10		2412	1000~26500	0.05	-45.45	≤-19.95	PASS	
			Reference	-0.66	-0.66	---	PASS	
			30~1000	-0.66	-59.54	≤-20.66	PASS	
Ant9		2437	1000~26500	-0.66	-41.77	≤-20.66	PASS	
			Reference	6.39	6.39	---	PASS	
			30~1000	6.39	-59.01	≤-13.61	PASS	
Ant10		2437	1000~26500	6.39	-43.68	≤-13.61	PASS	
			Reference	6.08	6.08	---	PASS	
			30~1000	6.08	-60.25	≤-13.92	PASS	
Ant9		2462	1000~26500	6.08	-41.61	≤-13.92	PASS	
			Reference	1.07	1.07	---	PASS	
			30~1000	1.07	-59.51	≤-18.93	PASS	
Ant10		2462	1000~26500	1.07	-45.89	≤-18.93	PASS	
			Reference	0.05	0.05	---	PASS	
			30~1000	0.05	-59.67	≤-19.95	PASS	
11ax40MIMO	Ant9	2422	1000~26500	0.05	-39.93	≤-19.95	PASS	
			Reference	0.26	0.26	---	PASS	
			30~1000	0.26	-60.17	≤-19.74	PASS	
	Ant10	2422	1000~26500	0.26	-45.64	≤-19.74	PASS	
			Reference	-2.32	-2.32	---	PASS	
			30~1000	-2.32	-59.16	≤-22.32	PASS	
	Ant9	2437	1000~26500	-2.32	-37.8	≤-22.32	PASS	
			Reference	1.65	1.65	---	PASS	
			30~1000	1.65	-59.72	≤-18.35	PASS	
	Ant10	2437	1000~26500	1.65	-43.06	≤-18.35	PASS	
			Reference	1.15	1.15	---	PASS	
			30~1000	1.15	-59.3	≤-18.85	PASS	
	Ant9	2452	1000~26500	1.15	-43.07	≤-18.85	PASS	
			Reference	-2.91	-2.91	---	PASS	
			30~1000	-2.91	-57.61	≤-22.91	PASS	
	Ant10	2452	1000~26500	-2.91	-43.78	≤-22.91	PASS	
			Reference	-2.88	-2.88	---	PASS	
			30~1000	-2.88	-60.52	≤-22.88	PASS	
	Ant10	2452	1000~26500	-2.88	-43.91	≤-22.88	PASS	



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