

MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

Test Mode	TX Mod.	Freq. [MHz]	Ant.	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Power Limit [dBm]	EIRP power [dBm]	EIRP power [mw]	EIRP Limit [dBm]	Verdict	Power Setting
11B	CDD	2412	ANT6	12.43	14.78	30.06	≤30.00	16.02	39.99	≤36.00	PASS	12
			ANT8	12.32	14.58	28.71	≤30.00	15.82	38.19	≤36.00	PASS	12
			Total	15.39	17.69	58.77	≤30.00	18.93	78.19	≤36.00	PASS	12
		2437	ANT6	12.80	15.34	34.20	≤30.00	16.58	45.50	≤36.00	PASS	12
			ANT8	12.15	14.45	27.86	≤30.00	15.69	37.07	≤36.00	PASS	12
			Total	15.50	17.93	62.06	≤30.00	19.17	82.57	≤36.00	PASS	12
		2462	ANT6	12.32	14.76	29.92	≤30.00	16.00	39.81	≤36.00	PASS	12
			ANT8	12.11	14.67	29.31	≤30.00	15.91	38.99	≤36.00	PASS	12
			Total	15.23	17.73	59.23	≤30.00	18.97	78.80	≤36.00	PASS	12
11G	CDD	2412	ANT6	16.05	22.23	167.11	≤30.00	23.47	222.33	≤36.00	PASS	15.5
			ANT8	15.59	21.78	150.66	≤30.00	23.02	200.45	≤36.00	PASS	15.5
			Total	18.84	25.02	317.77	≤30.00	26.26	422.78	≤36.00	PASS	15.5
		2437	ANT6	16.34	22.74	187.93	≤30.00	23.98	250.03	≤36.00	PASS	15.5
			ANT8	15.71	21.98	157.76	≤30.00	23.22	209.89	≤36.00	PASS	15.5
			Total	19.05	25.39	345.69	≤30.00	26.63	459.93	≤36.00	PASS	15.5
		2462	ANT6	16.06	22.27	168.66	≤30.00	23.51	224.39	≤36.00	PASS	15.5
			ANT8	15.70	21.86	153.46	≤30.00	23.10	204.17	≤36.00	PASS	15.5
			Total	18.89	25.08	322.12	≤30.00	26.32	428.56	≤36.00	PASS	16
11N2 0	MIMO	2412	ANT6	16.07	22.47	176.60	≤30.00	23.71	234.96	≤36.00	PASS	16
			ANT8	15.69	21.87	153.82	≤30.00	23.11	204.64	≤36.00	PASS	16
			Total	18.89	25.19	330.42	≤30.00	26.43	439.61	≤36.00	PASS	16
		2437	ANT6	16.31	22.85	192.75	≤30.00	24.09	256.45	≤36.00	PASS	16
			ANT8	15.88	22.24	167.49	≤30.00	23.48	222.84	≤36.00	PASS	16
			Total	19.11	25.57	360.25	≤30.00	26.81	479.29	≤36.00	PASS	16
		2462	ANT6	16.12	22.34	171.40	≤30.00	23.58	228.03	≤36.00	PASS	16
			ANT8	15.86	22.01	158.85	≤30.00	23.25	211.35	≤36.00	PASS	16
			Total	19.00	25.19	330.25	≤30.00	26.43	439.38	≤36.00	PASS	16
11N4 0	MIMO	2422	ANT6	14.26	20.42	110.15	≤30.00	21.66	146.55	≤36.00	PASS	13
			ANT8	13.56	19.83	96.16	≤30.00	21.07	127.94	≤36.00	PASS	13
			Total	16.93	23.15	206.32	≤30.00	24.39	274.49	≤36.00	PASS	13
		2437	ANT6	14.22	20.35	108.39	≤30.00	21.59	144.21	≤36.00	PASS	13.5
			ANT8	13.76	19.96	99.08	≤30.00	21.20	131.83	≤36.00	PASS	13.5
			Total	17.01	23.17	207.48	≤30.00	24.41	276.04	≤36.00	PASS	13.5
		2452	ANT6	14.55	20.86	121.90	≤30.00	22.10	162.18	≤36.00	PASS	13.5
			ANT8	13.56	19.86	96.83	≤30.00	21.10	128.82	≤36.00	PASS	13.5



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Reference No.: W7L-231218W001RF02

			Total	17.09	23.40	218.73	≤30.00	24.64	291.01	≤36.00	PASS	13.5
11AX 20	MIMO	2412	ANT6	16.3	24.0	252.3	≤30.00	25.26	335.74	≤36.00	PASS	16
			ANT8	15.9	23.3	215.8	≤30.00	24.58	287.08	≤36.00	PASS	16
			Total	19.1	26.7	468.1	≤30.00	27.94	622.82	≤36.00	PASS	16
		2437	ANT6	16.4	24.4	272.9	≤30.00	25.60	363.08	≤36.00	PASS	16
			ANT8	16.0	23.5	222.8	≤30.00	24.72	296.48	≤36.00	PASS	16
			Total	19.2	27.0	495.7	≤30.00	28.19	659.56	≤36.00	PASS	16
		2462	ANT6	16.1	23.5	224.9	≤30.00	24.76	299.23	≤36.00	PASS	16
			ANT8	16.0	23.4	219.8	≤30.00	24.66	292.42	≤36.00	PASS	16
			Total	19.0	26.5	444.7	≤30.00	27.72	591.64	≤36.00	PASS	16
11AX 40	MIMO	2412	ANT6	14.4	21.2	132.4	≤30.00	22.46	176.20	≤36.00	PASS	13.5
			ANT8	13.7	20.6	115.3	≤30.00	21.86	153.46	≤36.00	PASS	13.5
			Total	17.1	23.9	247.8	≤30.00	25.18	329.66	≤36.00	PASS	13.5
		2437	ANT6	14.4	21.1	129.7	≤30.00	22.37	172.58	≤36.00	PASS	14
			ANT8	13.9	20.7	116.9	≤30.00	21.92	155.60	≤36.00	PASS	14
			Total	17.2	23.9	246.7	≤30.00	25.16	328.18	≤36.00	PASS	14
		2462	ANT6	11.8	19.2	83.4	≤30.00	20.45	110.92	≤36.00	PASS	13.5
			ANT8	10.3	18.3	67.9	≤30.00	19.56	90.36	≤36.00	PASS	13.5
			Total	14.1	21.8	151.3	≤30.00	23.04	201.28	≤36.00	PASS	13.5

Note: The Average power with duty cycle factor.

MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

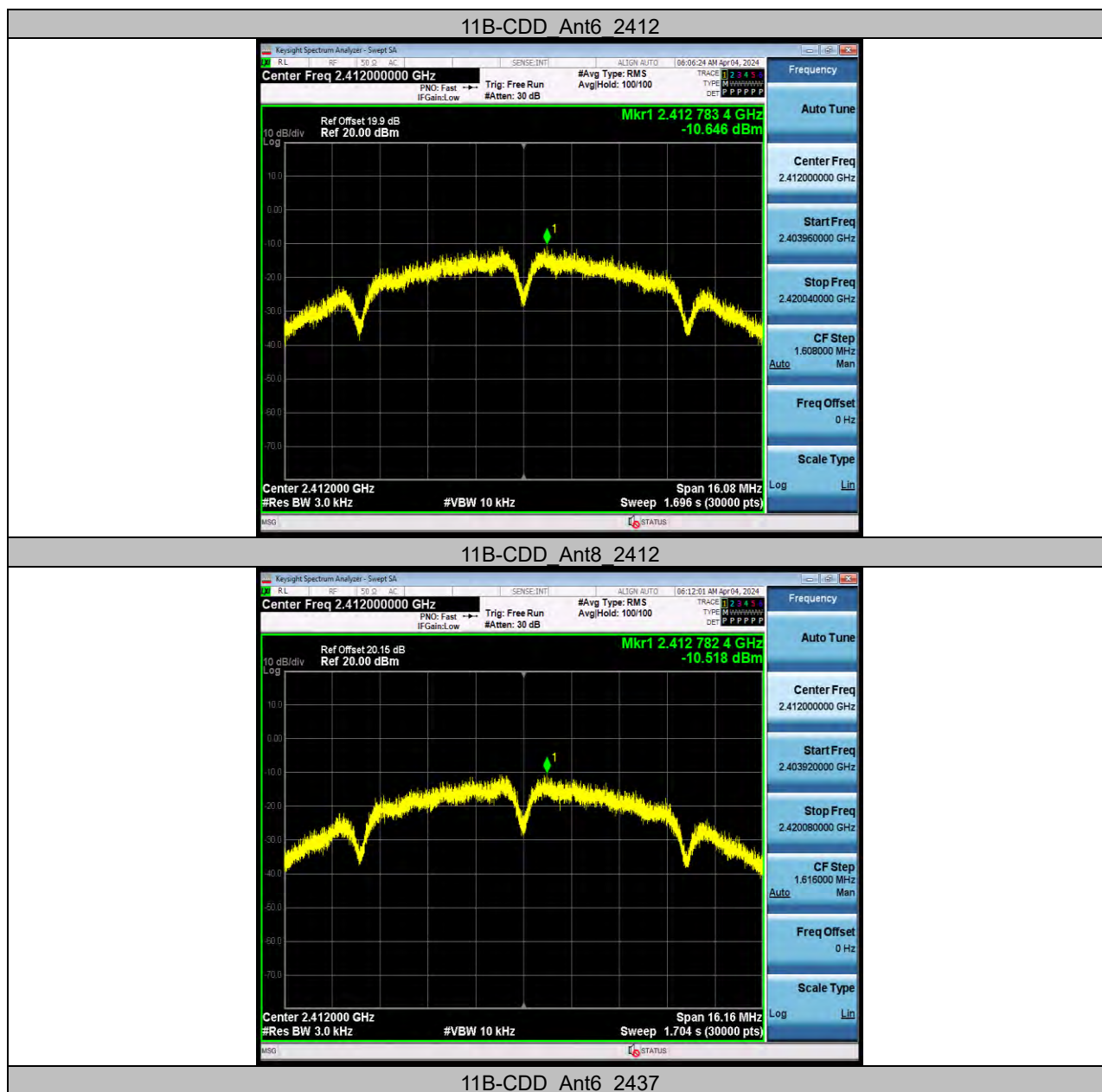
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant6	2412	-10.65	≤8.00	PASS
	Ant8	2412	-10.52	≤8.00	PASS
	total	2412	-7.57	≤8.00	PASS
	Ant6	2437	-11.32	≤8.00	PASS
	Ant8	2437	-11.16	≤8.00	PASS
	total	2437	-8.23	≤8.00	PASS
	Ant6	2462	-10.87	≤8.00	PASS
	Ant8	2462	-11.20	≤8.00	PASS
11G-CDD	total	2462	-8.02	≤8.00	PASS
	Ant6	2412	-8.71	≤8.00	PASS
	Ant8	2412	-9.27	≤8.00	PASS
	total	2412	-5.97	≤8.00	PASS
	Ant6	2437	-8.10	≤8.00	PASS
	Ant8	2437	-9.26	≤8.00	PASS
	total	2437	-5.63	≤8.00	PASS
	Ant6	2462	-7.19	≤8.00	PASS
11N20MIMO	Ant8	2462	-8.32	≤8.00	PASS
	total	2462	-4.71	≤8.00	PASS
	Ant6	2412	-7.39	≤8.00	PASS
	Ant8	2412	-7.83	≤8.00	PASS
	total	2412	-4.59	≤8.00	PASS
	Ant6	2437	-5.44	≤8.00	PASS
	Ant8	2437	-6.03	≤8.00	PASS
	total	2437	-2.71	≤8.00	PASS
11N40MIMO	Ant6	2462	-7.85	≤8.00	PASS
	Ant8	2462	-7.34	≤8.00	PASS
	total	2462	-4.58	≤8.00	PASS
	Ant6	2422	-11.32	≤8.00	PASS
	Ant8	2422	-12.36	≤8.00	PASS
	total	2422	-8.80	≤8.00	PASS
	Ant6	2437	-13.07	≤8.00	PASS
	Ant8	2437	-11.86	≤8.00	PASS
11AX20MIMO	total	2437	-9.41	≤8.00	PASS
	Ant6	2452	-12.10	≤8.00	PASS
	Ant8	2452	-12.74	≤8.00	PASS
	total	2452	-9.40	≤8.00	PASS
	Ant6	2412	-8.69	≤8.00	PASS
	Ant8	2412	-8.19	≤8.00	PASS
	total	2412	-5.42	≤8.00	PASS
	Ant6	2437	-8.69	≤8.00	PASS
11AX20MIMO	Ant8	2437	-8.63	≤8.00	PASS
	total	2437	-5.65	≤8.00	PASS
	Ant6	2462	-8.49	≤8.00	PASS
	Ant8	2462	-8.53	≤8.00	PASS



Reference No.: W7L-231218W001RF02

	total	2462	-5.50	≤8.00	PASS
11AX40MIMO	Ant6	2422	-12.57	≤8.00	PASS
	Ant8	2422	-12.65	≤8.00	PASS
	total	2422	-9.60	≤8.00	PASS
	Ant6	2437	-13.26	≤8.00	PASS
	Ant8	2437	-12.75	≤8.00	PASS
	total	2437	-9.99	≤8.00	PASS
	Ant6	2452	-13.54	≤8.00	PASS
	Ant8	2452	-13.36	≤8.00	PASS
	total	2452	-10.44	≤8.00	PASS

TEST GRAPHS



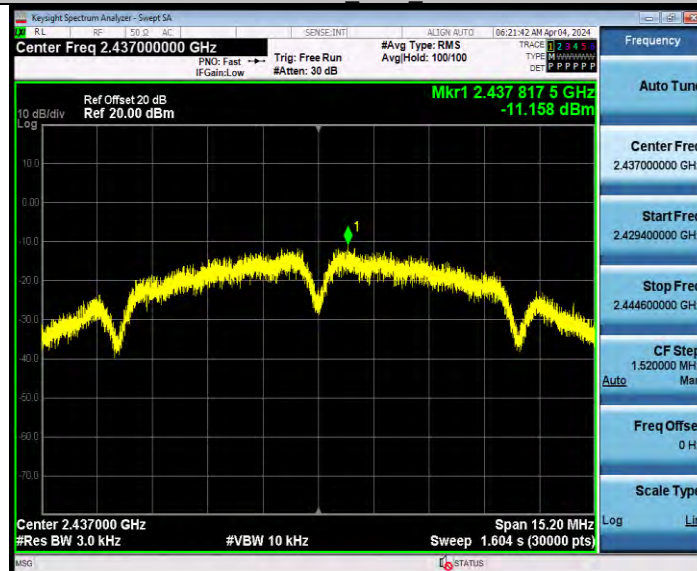


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VERITAS

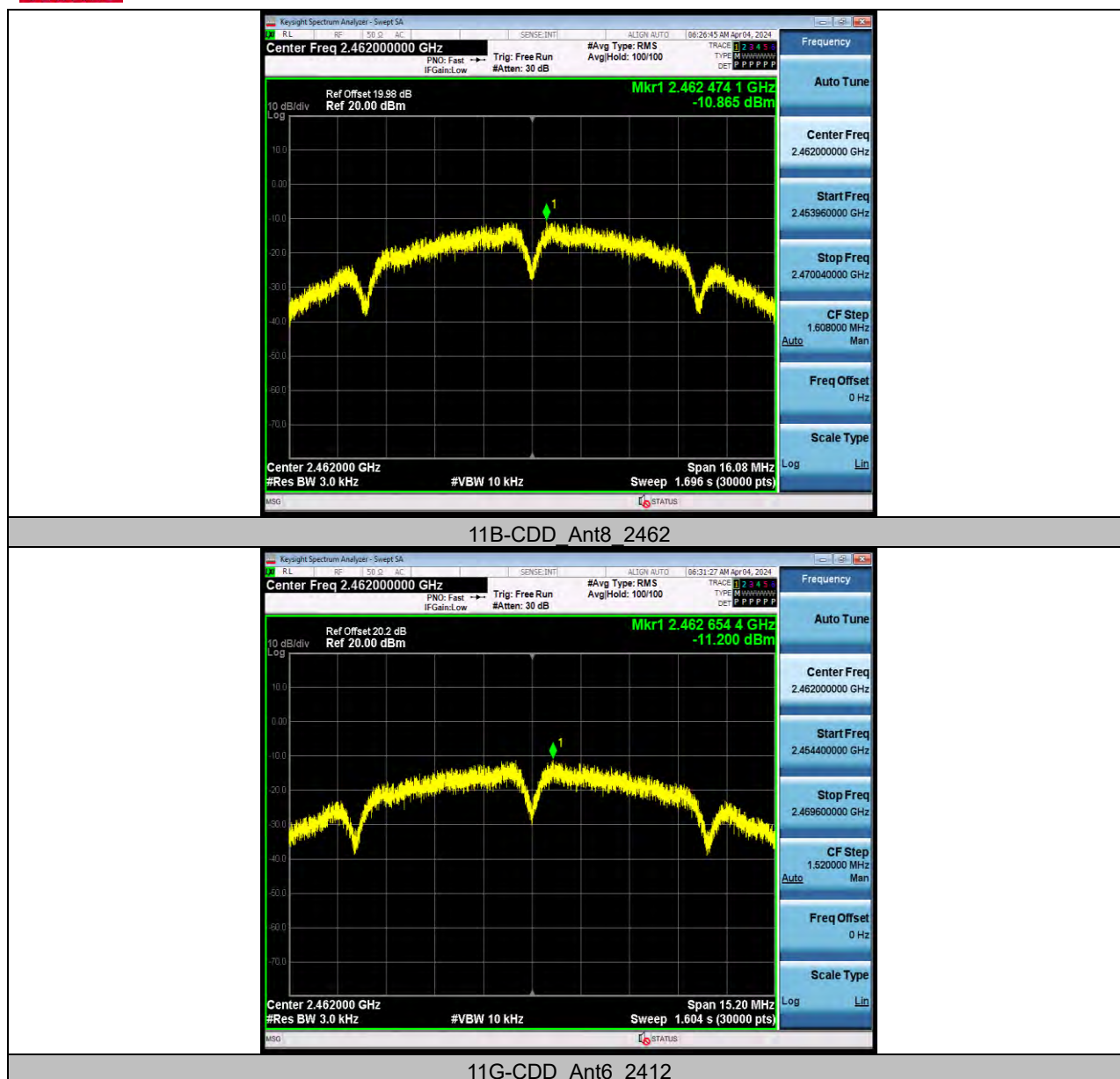
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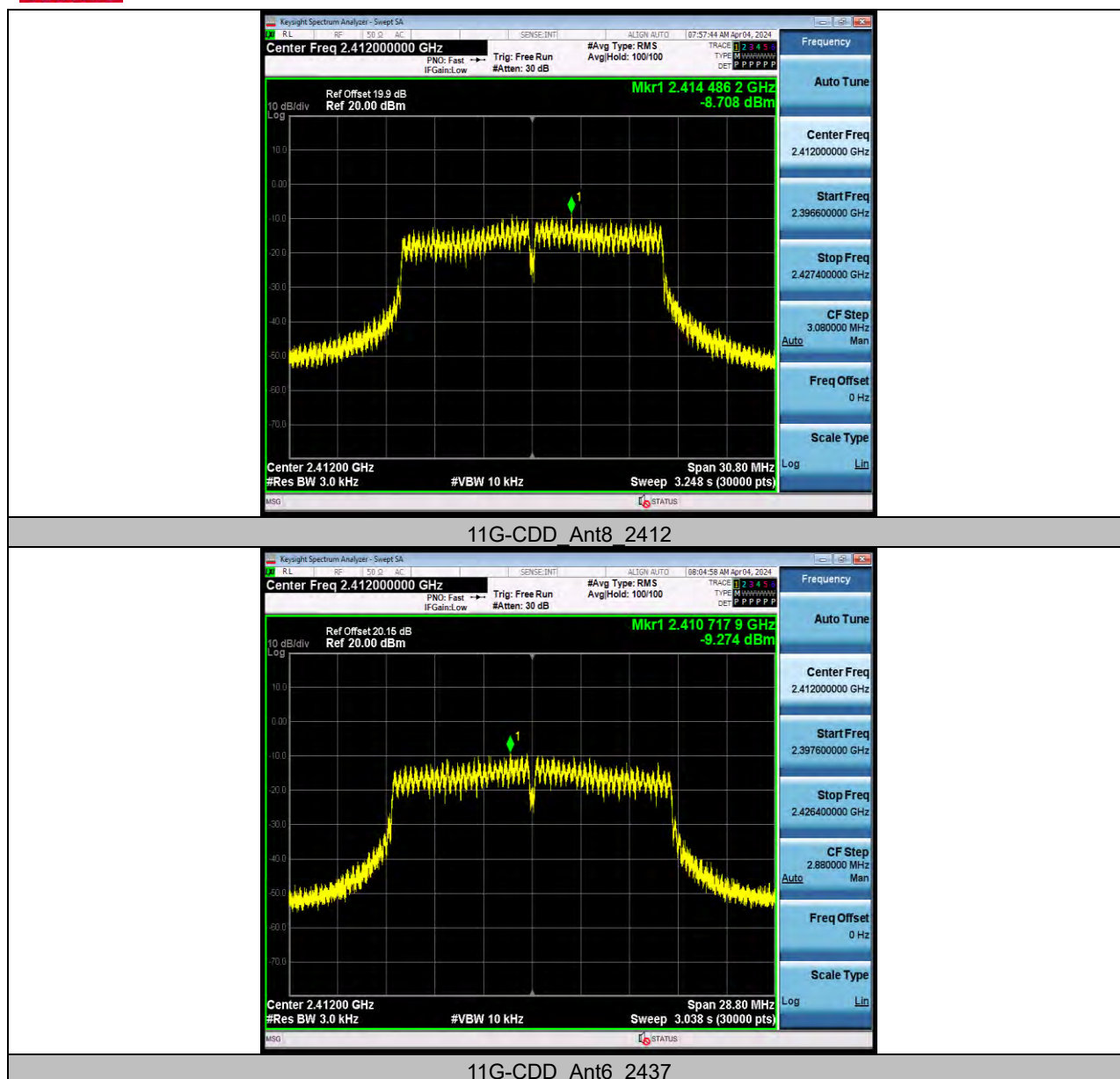


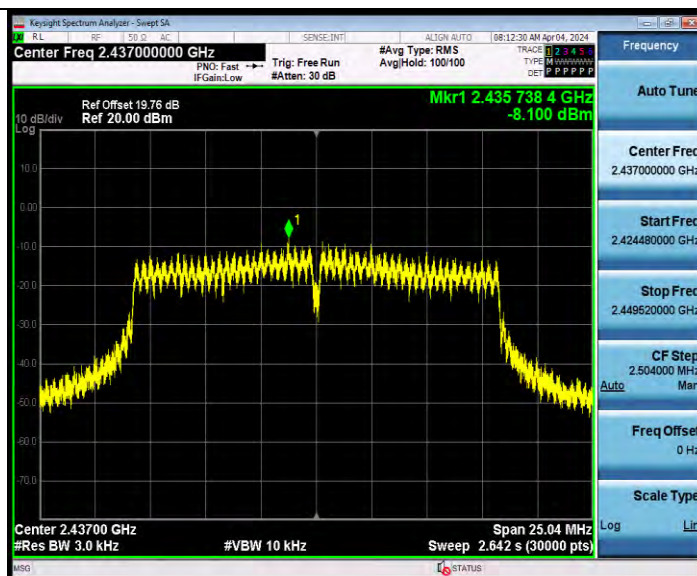
11B-CDD Ant8 2437



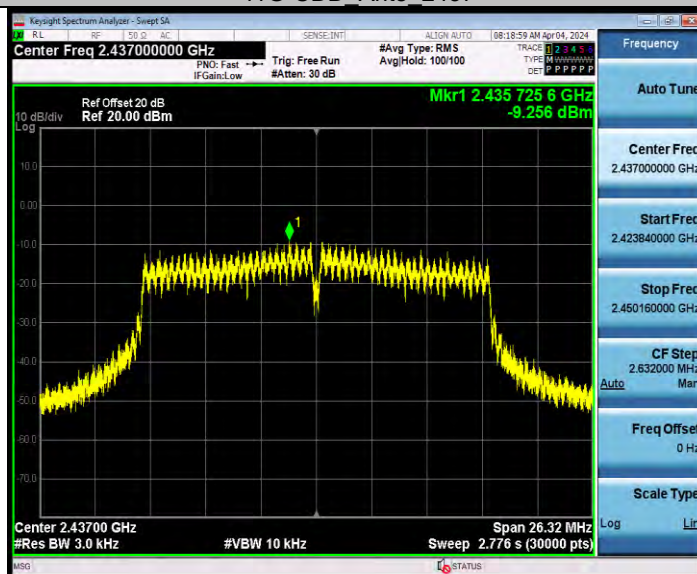
11B-CDD Ant6 2462



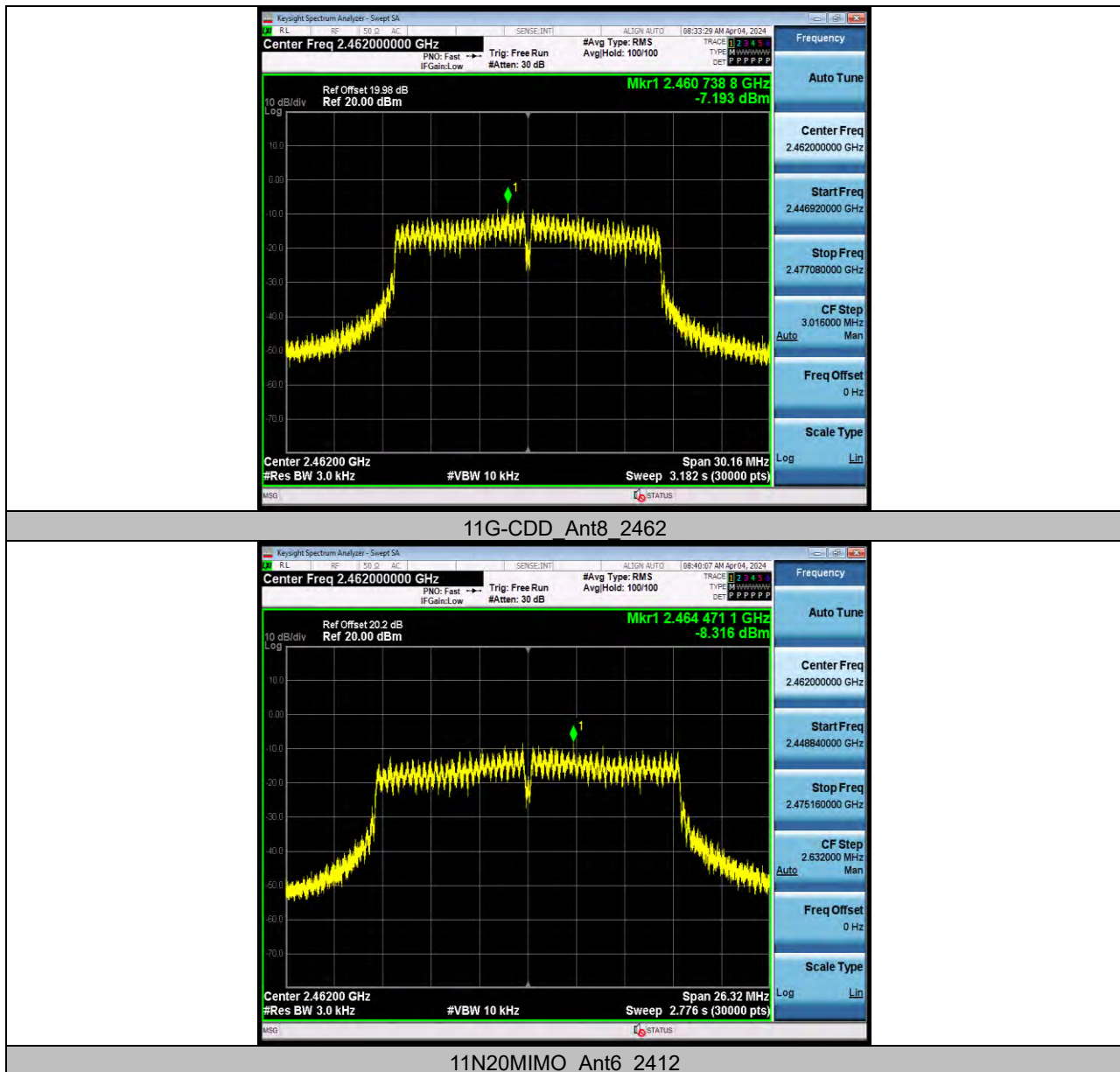


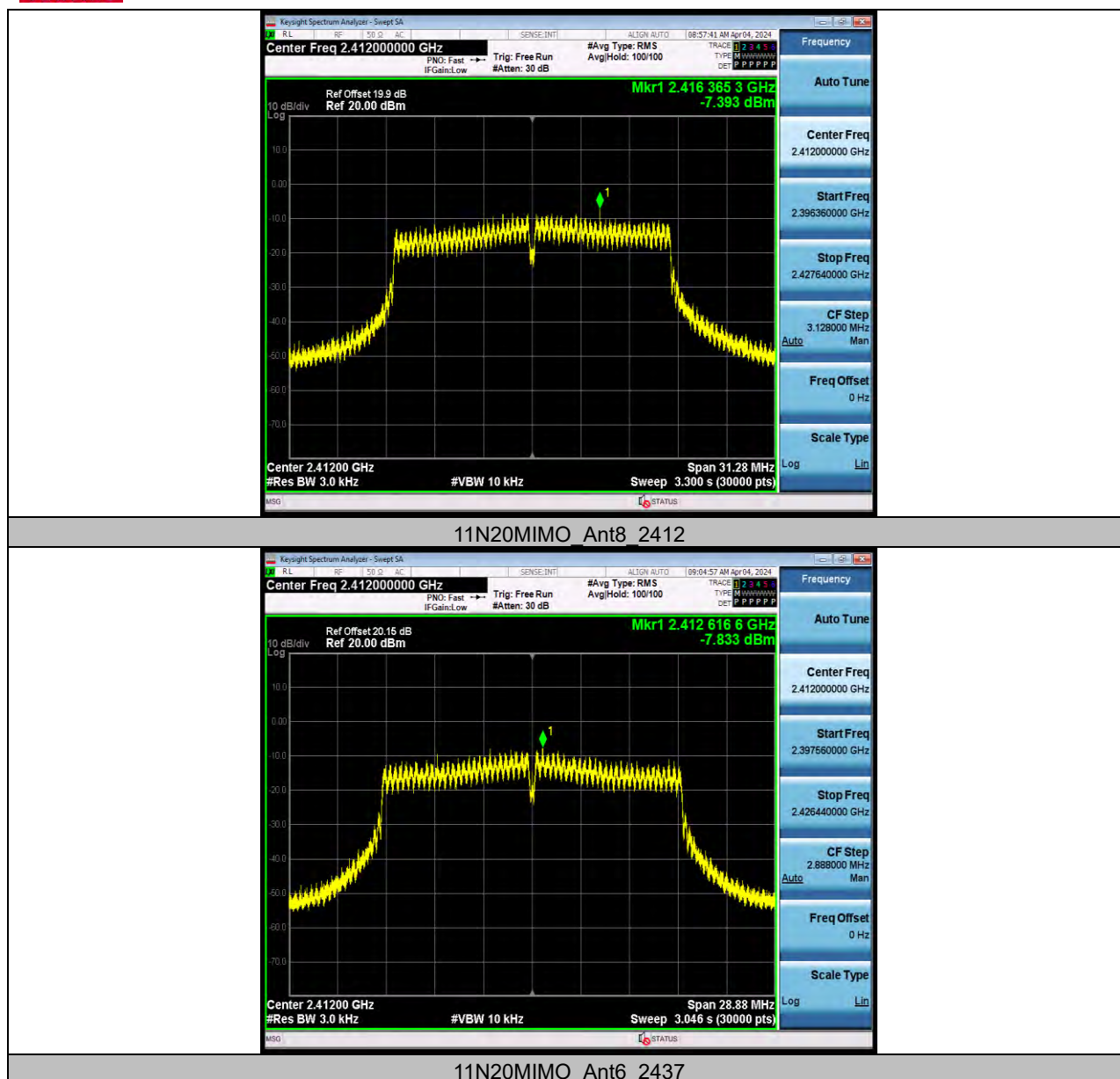


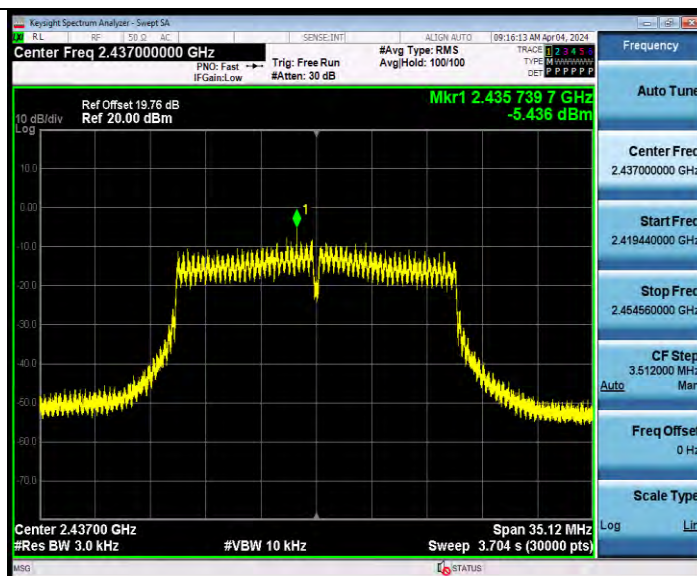
11G-CDD Ant8 2437



11G-CDD Ant6 2462



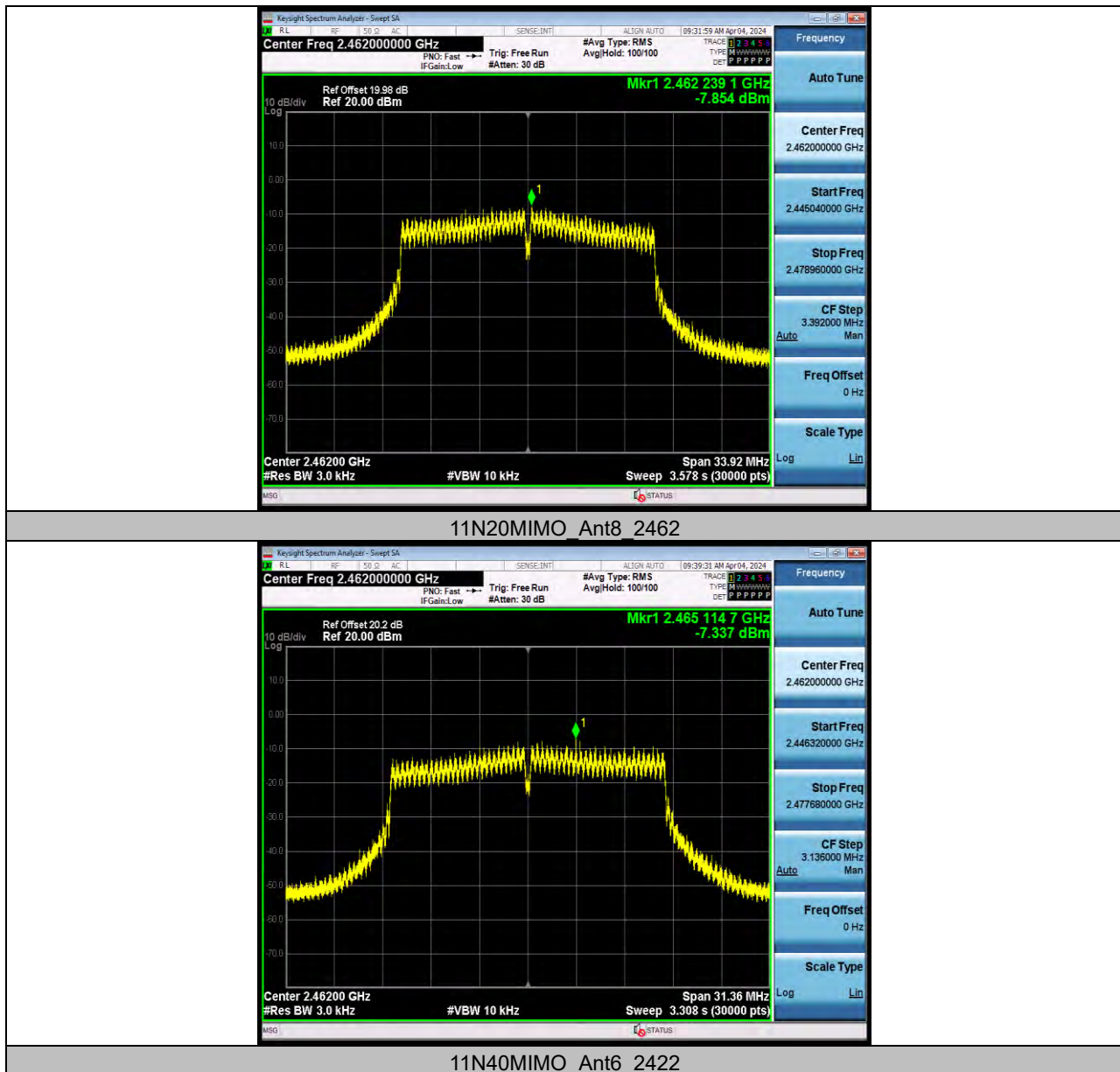


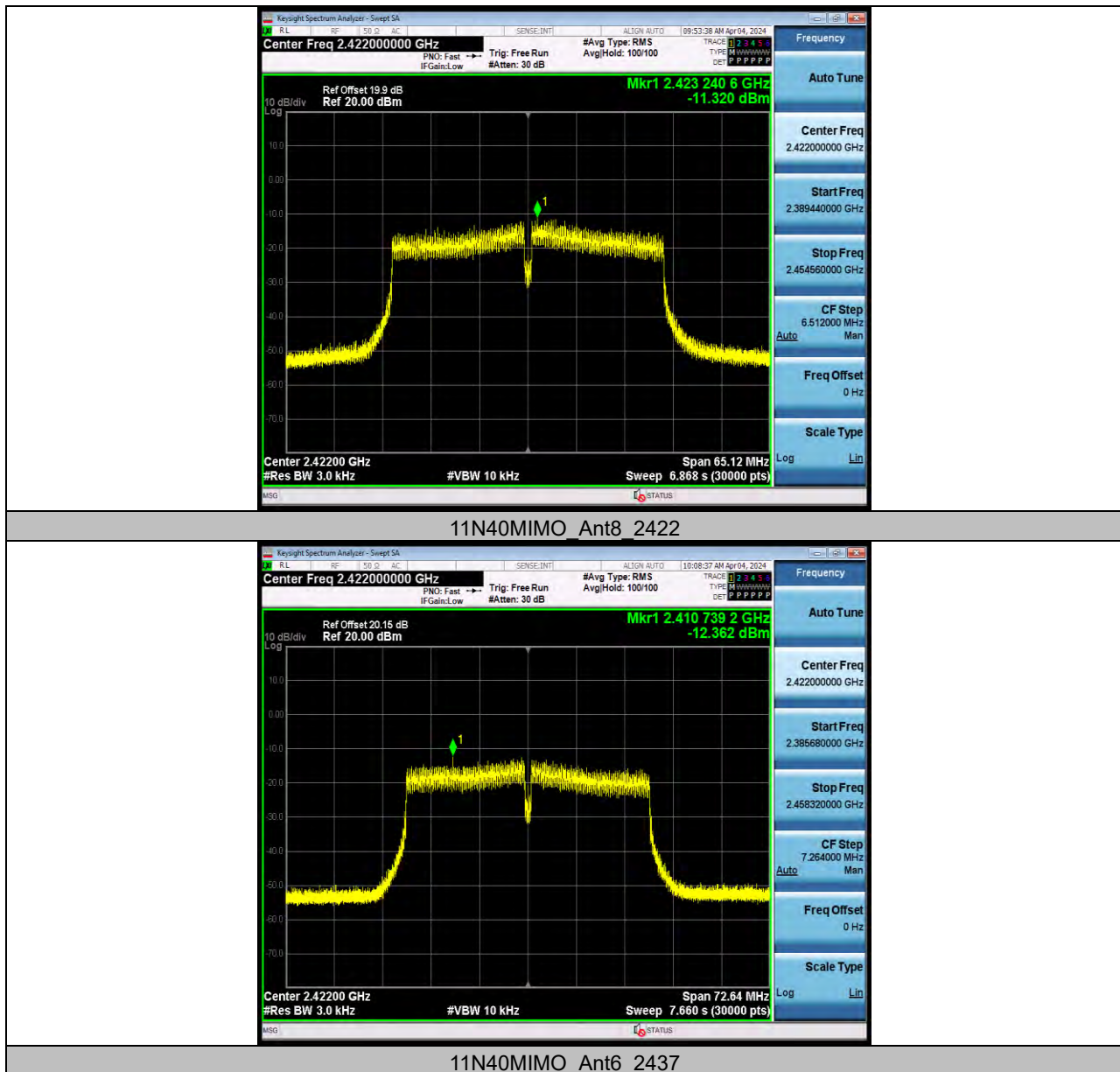


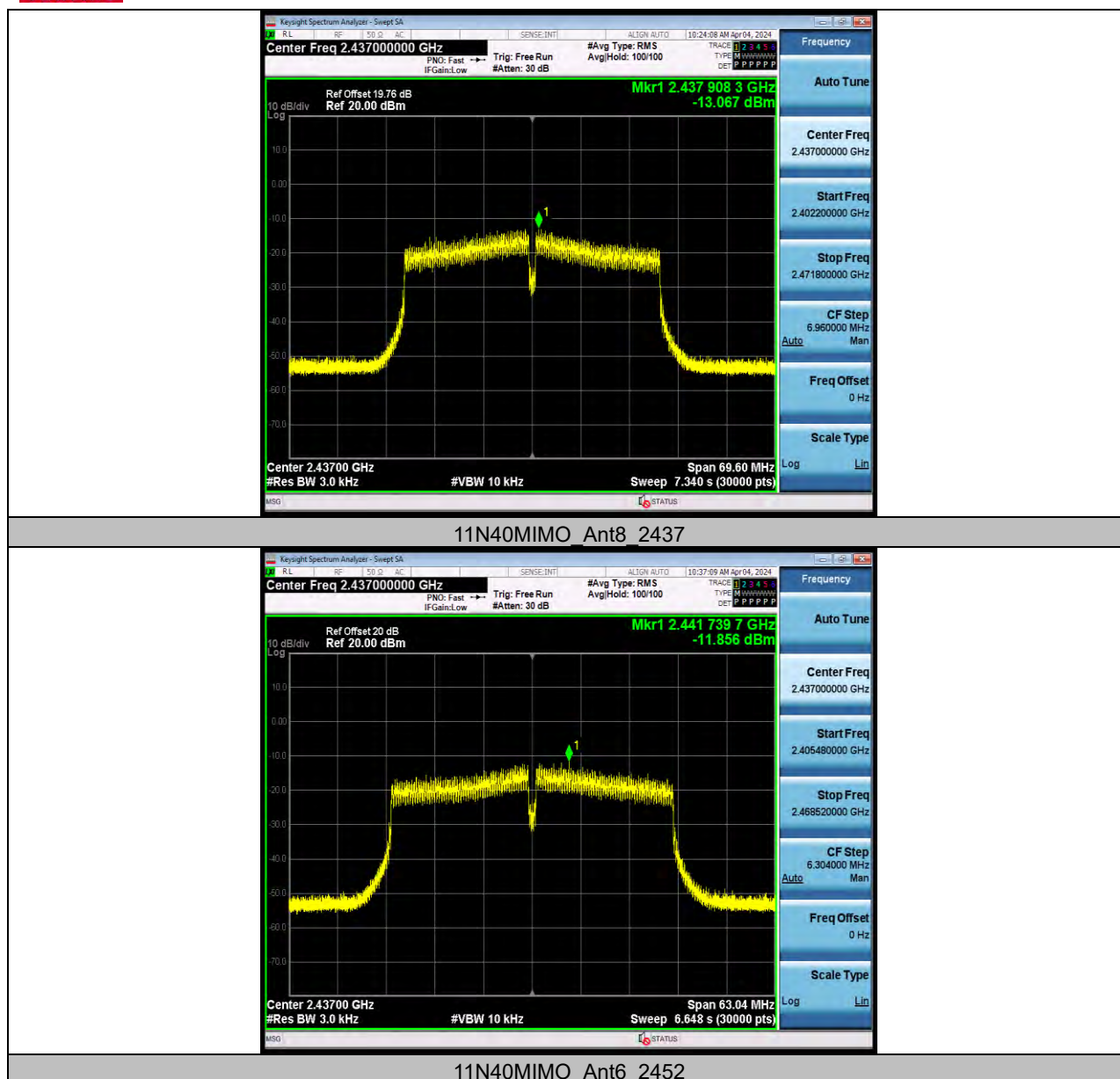
11N20MIMO Ant8 2437

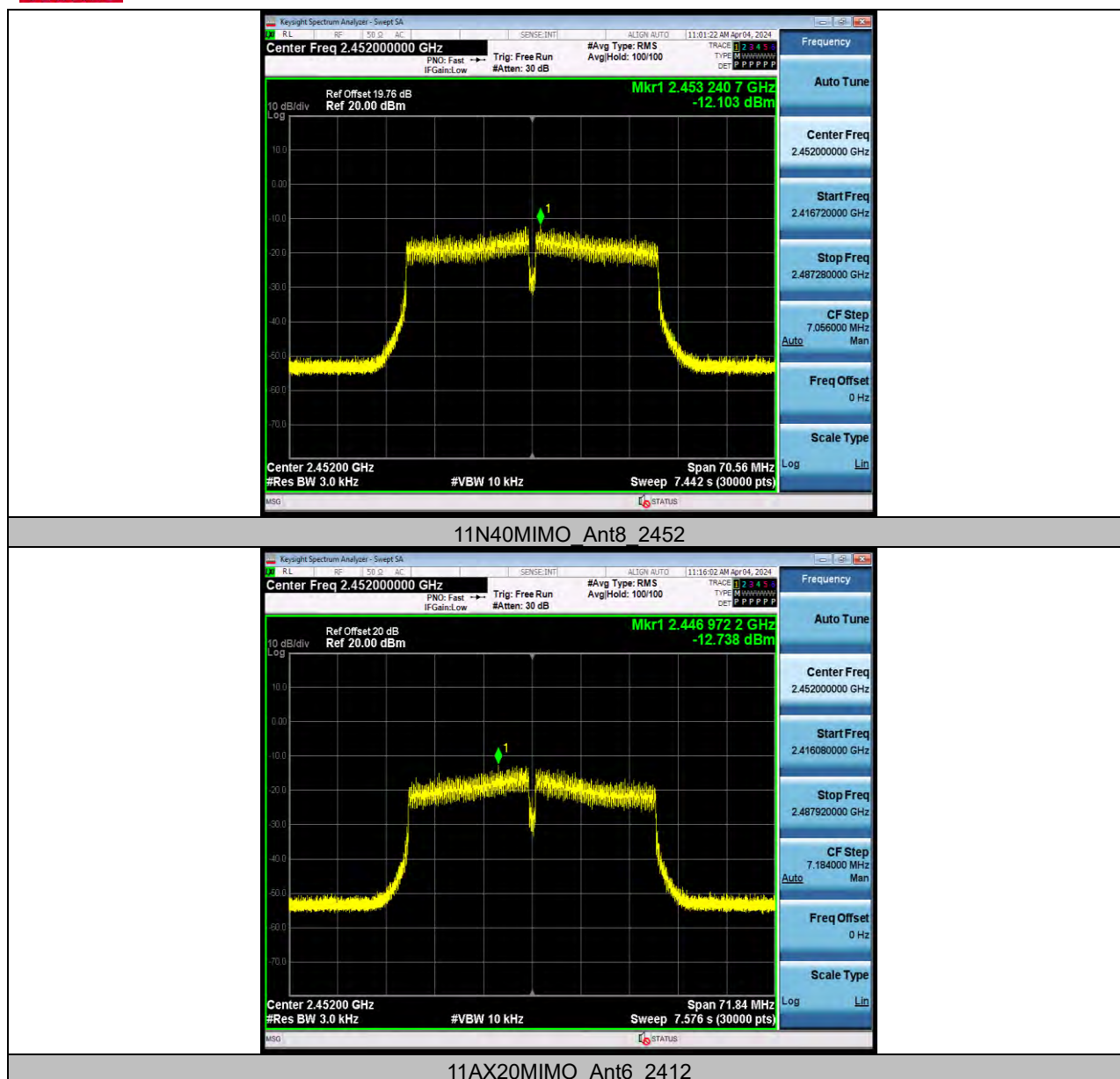


11N20MIMO Ant6 2462







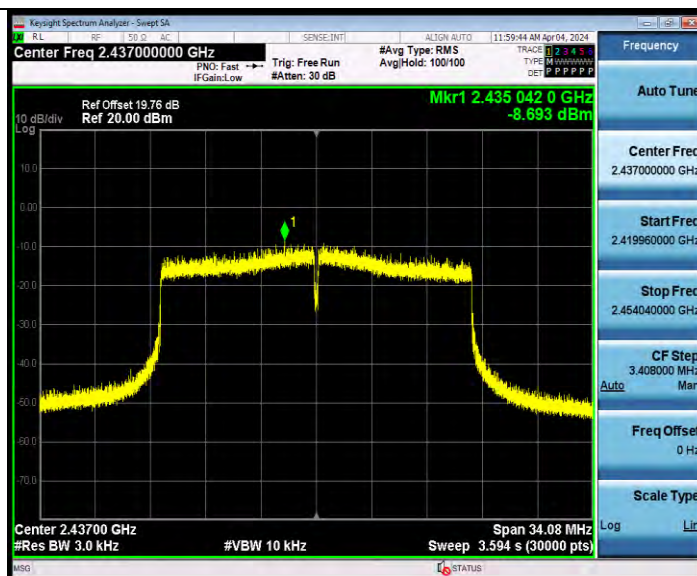




11AX20MIMO_Ant8_2412



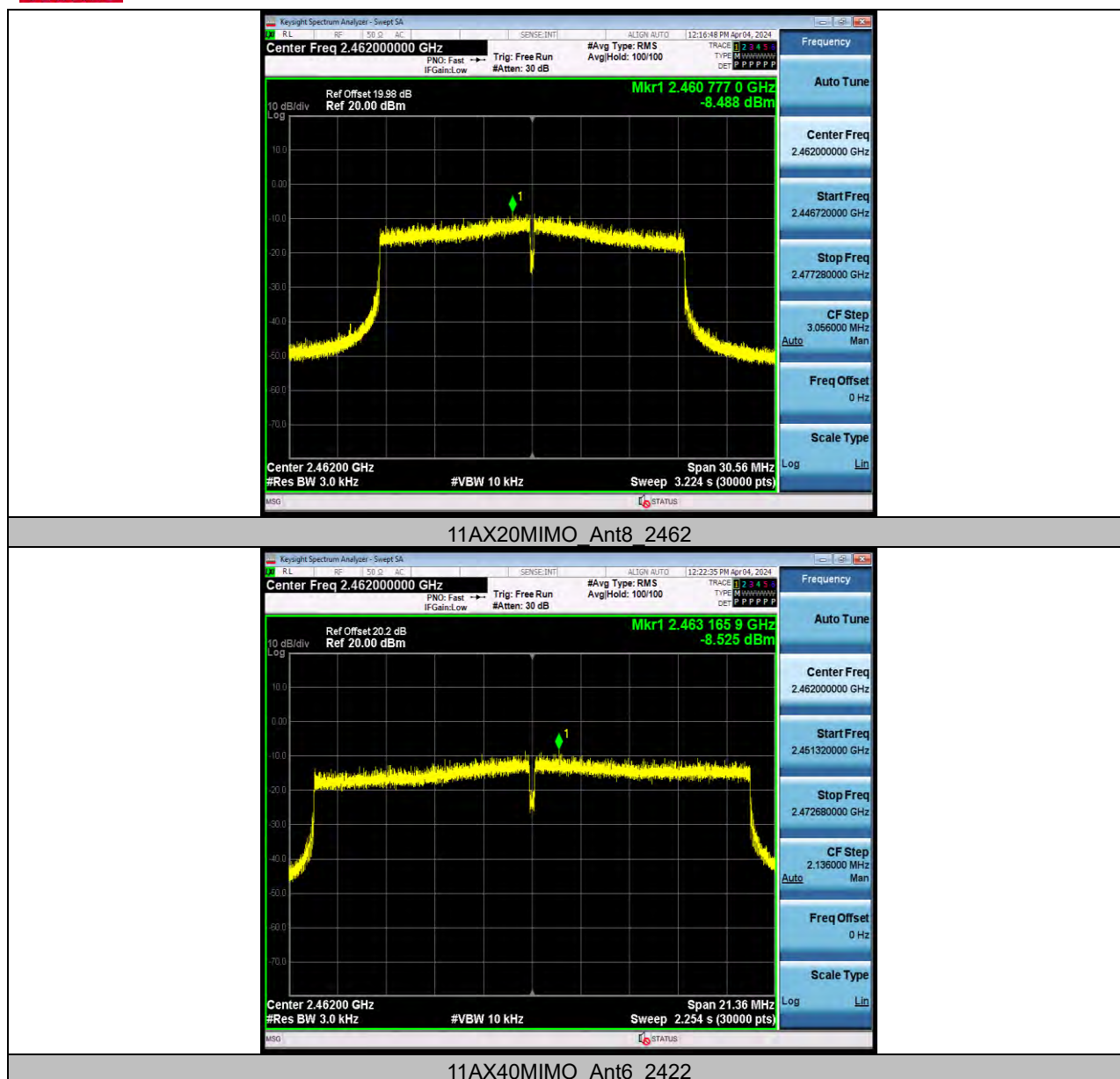
11AX20MIMO_Ant6_2437

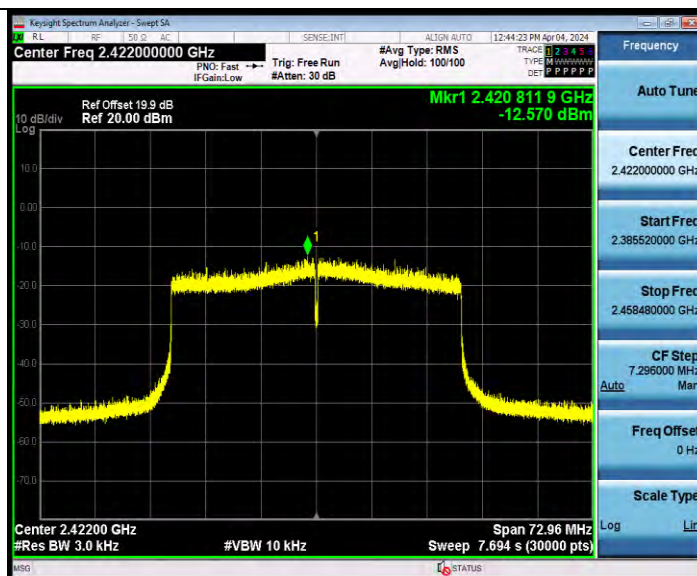


11AX20MIMO_Ant8_2437



11AX20MIMO_Ant6_2462

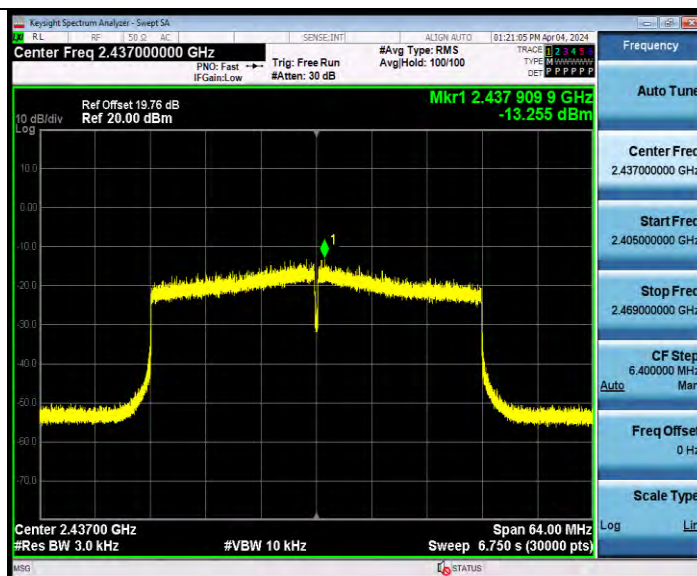




11AX40MIMO_Ant8_2422



11AX40MIMO_Ant6_2437

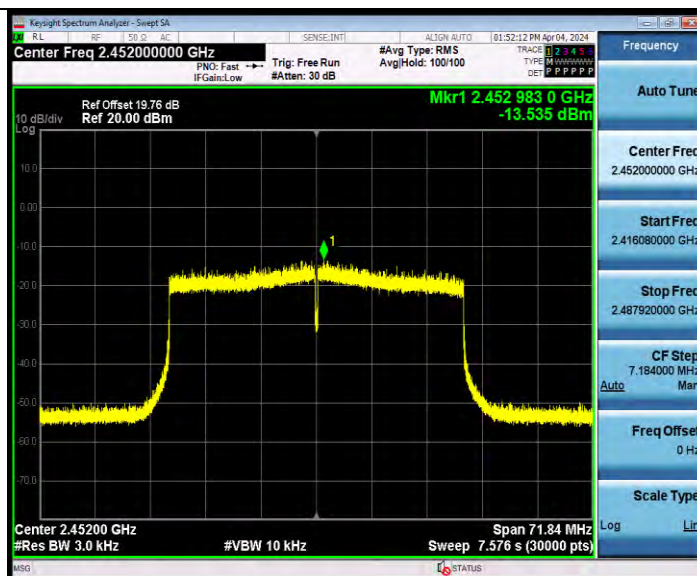


11AX40MIMO_Ant8_2437



11AX40MIMO_Ant6_2452

Reference No.: W7L-231218W001RF02



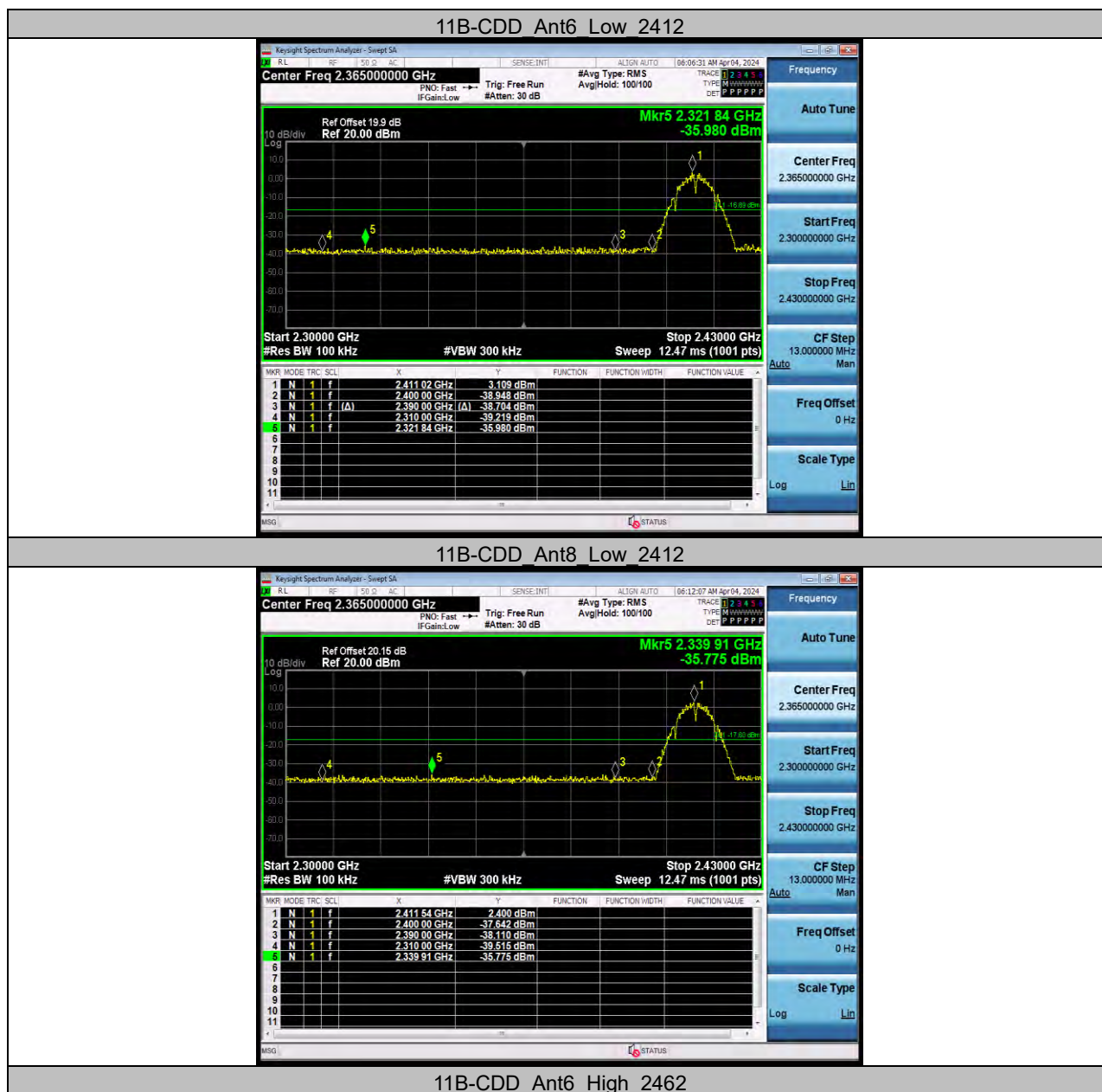
11AX40MIMO_Ant8_2452

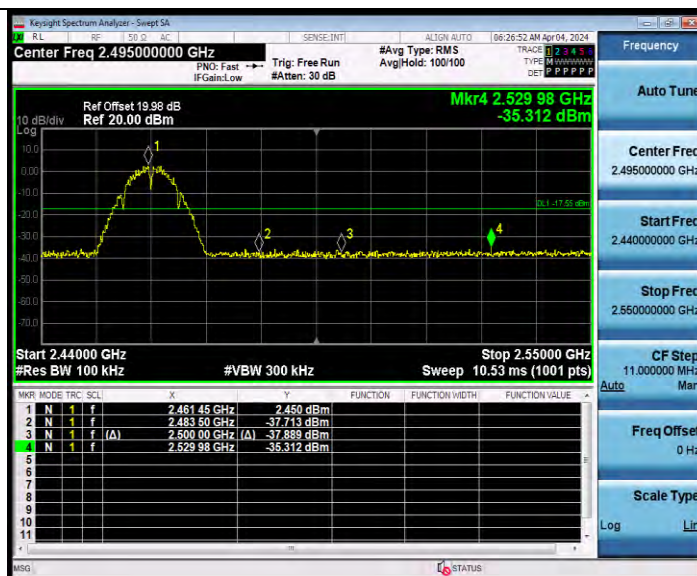


BAND EDGE MEASUREMENTS TEST RESULT

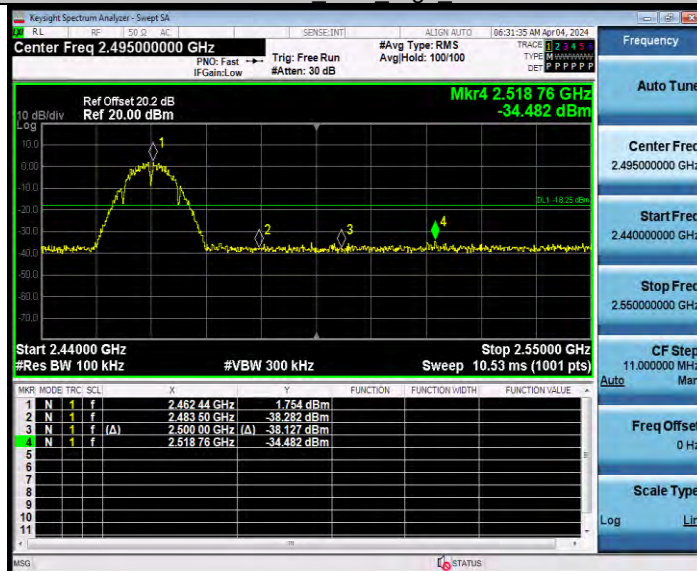
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant6	Low	2412	3.11	-35.98	≤-16.89	PASS
	Ant8	Low	2412	2.40	-35.78	≤-17.6	PASS
	Ant6	High	2462	2.45	-35.31	≤-17.55	PASS
	Ant8	High	2462	1.75	-34.48	≤-18.25	PASS
11G-CDD	Ant6	Low	2412	4.89	-30.61	≤-15.11	PASS
	Ant8	Low	2412	6.03	-34	≤-13.98	PASS
	Ant6	High	2462	6.40	-35.29	≤-13.6	PASS
	Ant8	High	2462	5.25	-35.02	≤-14.76	PASS
11N20MIMO	Ant6	Low	2412	6.69	-29.55	≤-13.31	PASS
	Ant8	Low	2412	6.29	-32.9	≤-13.71	PASS
	Ant6	High	2462	3.40	-35.6	≤-16.6	PASS
	Ant8	High	2462	4.24	-34.76	≤-15.76	PASS
11N40MIMO	Ant6	Low	2422	2.10	-34.23	≤-17.9	PASS
	Ant8	Low	2422	-0.57	-34.69	≤-20.57	PASS
	Ant6	High	2452	0.28	-35.25	≤-19.72	PASS
	Ant8	High	2452	-1.32	-35.56	≤-21.32	PASS
11AX20MIMO	Ant6	Low	2412	3.59	-28.78	≤-16.41	PASS
	Ant8	Low	2412	3.88	-32.19	≤-16.12	PASS
	Ant6	High	2462	4.22	-35.29	≤-15.78	PASS
	Ant8	High	2462	4.44	-34.26	≤-15.56	PASS
11AX40MIMO	Ant6	Low	2422	0.88	-33.64	≤-19.12	PASS
	Ant8	Low	2422	0.49	-35.08	≤-19.51	PASS
	Ant6	High	2452	0.62	-35.35	≤-19.38	PASS
	Ant8	High	2452	-0.13	-35.02	≤-20.13	PASS

TEST GRAPHS





11B-CDD Ant8 High 2462



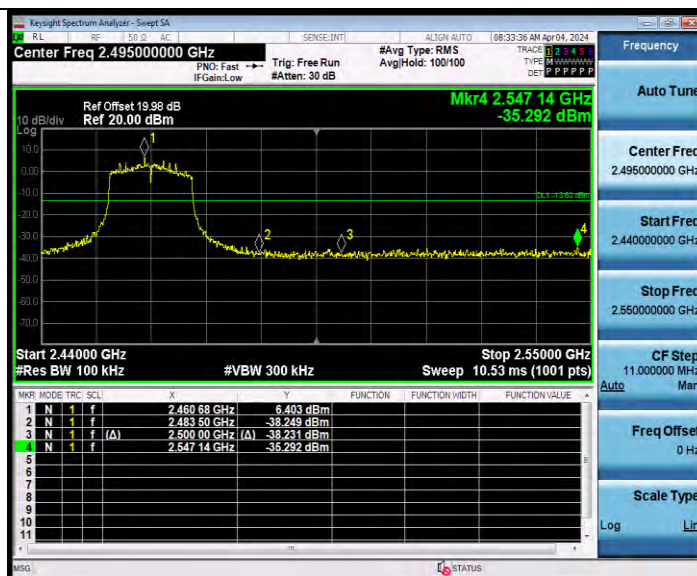
11G-CDD Ant6 Low 2412



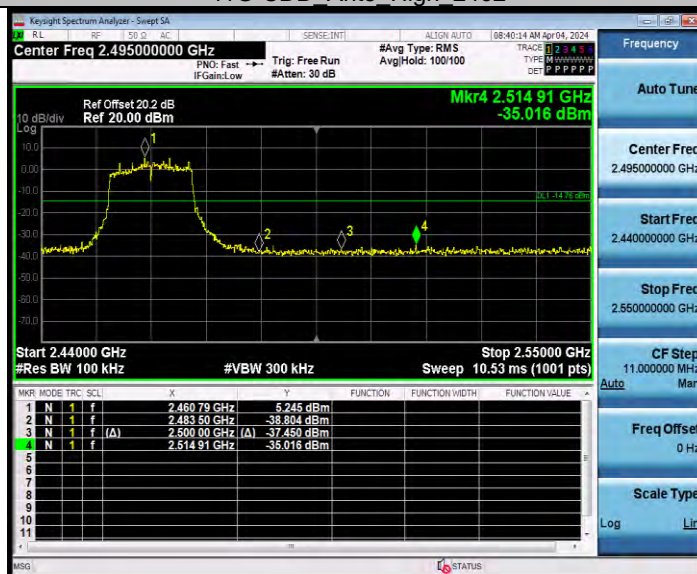
11G-CDD Ant8 Low 2412



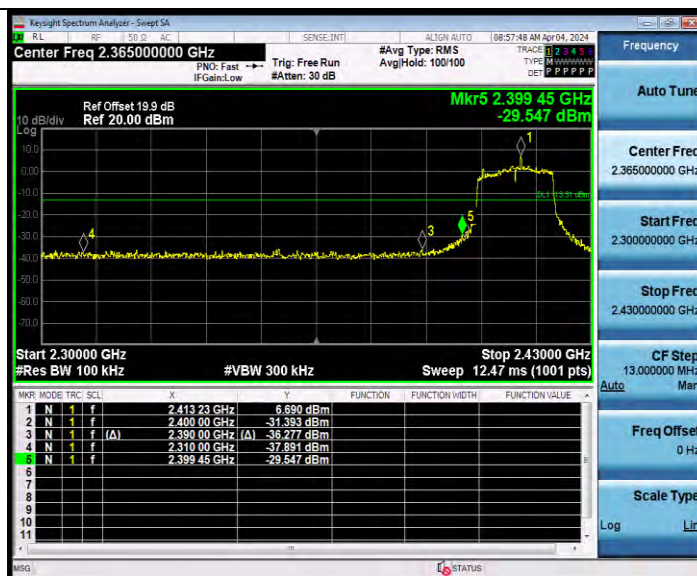
11G-CDD Ant6 High 2462



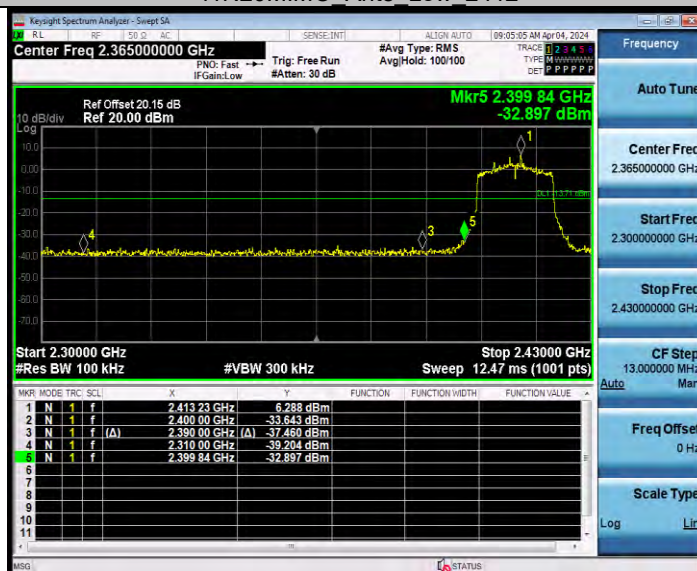
11G-CDD Ant8 High 2462



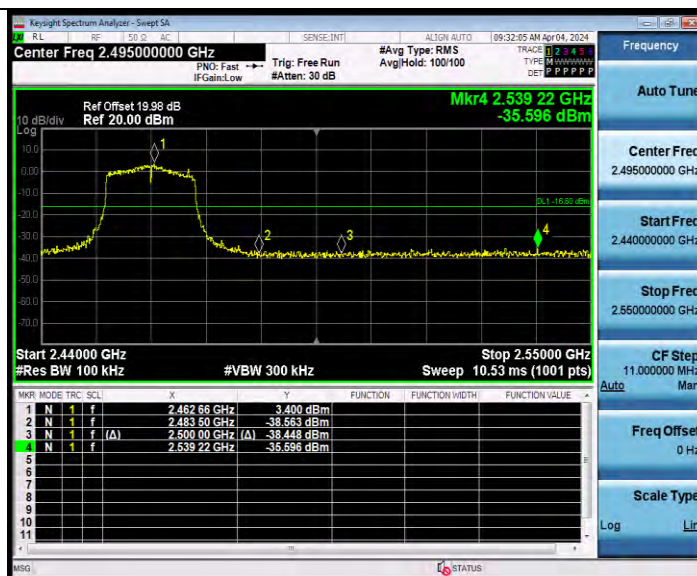
11N20MIMO Ant6 Low 2412



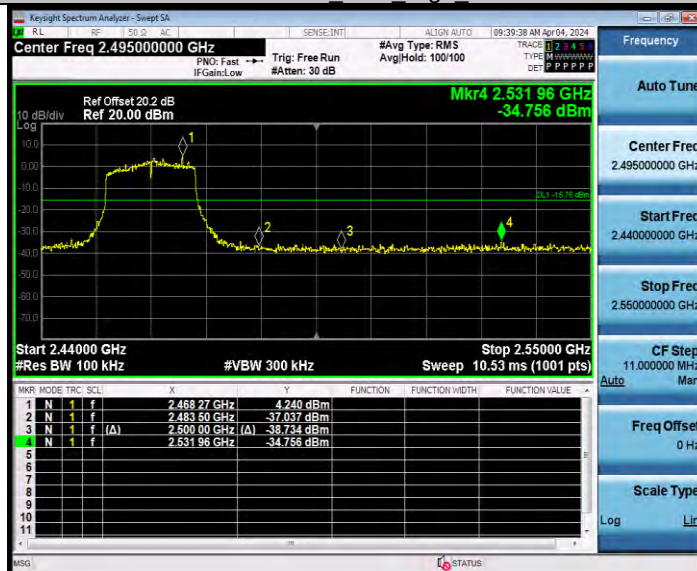
11N20MIMO Ant8 Low 2412



11N20MIMO Ant6 High 2462



11N20MIMO Ant8 High 2462



11N40MIMO Ant6 Low 2422



11N40MIMO Ant8 Low 2422



11N40MIMO Ant6 High 2452



11N40MIMO Ant8 High 2452



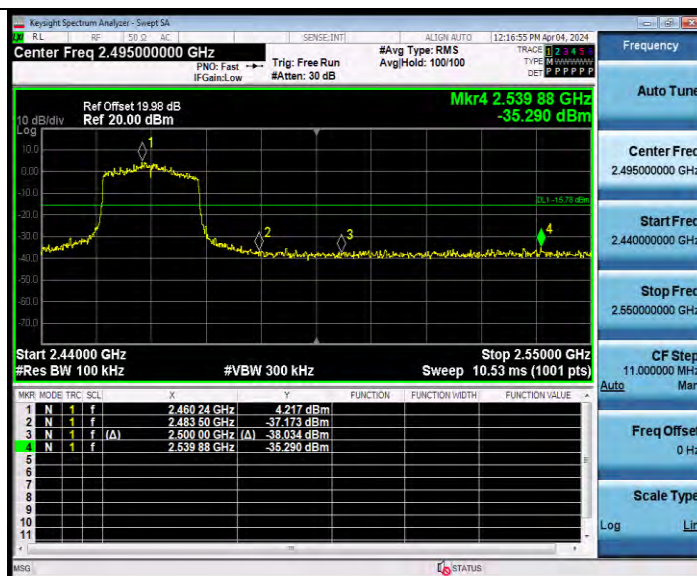
11AX20MIMO Ant6 Low 2412



11AX20MIMO_Ant8_Low_2412



11AX20MIMO_Ant6_High_2462



11AX20MIMO_Ant8_High_2462



11AX40MIMO_Ant6_Low_2422



11AX40MIMO_Ant8_Low_2422



11AX40MIMO_Ant6_High_2452



11AX40MIMO_Ant8_High_2452



CONDUCTED SPURIOUS EMISSION TEST RESULT

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant6	2412	Reference	1.18	1.18	---	PASS
			30~1000	1.18	-54.81	≤-18.82	PASS
			1000~26500	1.18	-35.33	≤-18.82	PASS
	Ant8	2412	Reference	0.79	0.79	---	PASS
			30~1000	0.79	-52.75	≤-19.21	PASS
			1000~26500	0.79	-35.26	≤-19.21	PASS
	Ant6	2437	Reference	1.44	1.44	---	PASS
			30~1000	1.44	-54.33	≤-18.56	PASS
			1000~26500	1.44	-35.11	≤-18.56	PASS
	Ant8	2437	Reference	1.24	1.24	---	PASS
			30~1000	1.24	-54.03	≤-18.76	PASS
			1000~26500	1.24	-34.99	≤-18.76	PASS
	Ant6	2462	Reference	1.91	1.91	---	PASS
			30~1000	1.91	-54.45	≤-18.09	PASS
			1000~26500	1.91	-35.7	≤-18.09	PASS
	Ant8	2462	Reference	0.93	0.93	---	PASS
			30~1000	0.93	-54.09	≤-19.07	PASS
			1000~26500	0.93	-34.11	≤-19.07	PASS
11G-CDD	Ant6	2412	Reference	2.79	2.79	---	PASS
			30~1000	2.79	-54.38	≤-17.21	PASS
			1000~26500	2.79	-35.48	≤-17.21	PASS
	Ant8	2412	Reference	4.12	4.12	---	PASS
			30~1000	4.12	-54.95	≤-15.88	PASS
			1000~26500	4.12	-35.07	≤-15.88	PASS
	Ant6	2437	Reference	2.47	2.47	---	PASS
			30~1000	2.47	-54.35	≤-17.53	PASS
			1000~26500	2.47	-34.79	≤-17.53	PASS
	Ant8	2437	Reference	4.98	4.98	---	PASS
			30~1000	4.98	-54.18	≤-15.02	PASS
			1000~26500	4.98	-35.23	≤-15.02	PASS
	Ant6	2462	Reference	2.64	2.64	---	PASS
			30~1000	2.64	-53.52	≤-17.36	PASS
			1000~26500	2.64	-34.84	≤-17.36	PASS
	Ant8	2462	Reference	3.64	3.64	---	PASS
			30~1000	3.64	-54.27	≤-16.36	PASS
			1000~26500	3.64	-35.62	≤-16.36	PASS
11N20MIMO	Ant6	2412	Reference	2.33	2.33	---	PASS
			30~1000	2.33	-54.87	≤-17.67	PASS
			1000~26500	2.33	-34.63	≤-17.67	PASS
	Ant8	2412	Reference	2.15	2.15	---	PASS
			30~1000	2.15	-53.97	≤-17.85	PASS
			1000~26500	2.15	-35.49	≤-17.85	PASS
	Ant6	2437	Reference	2.09	2.09	---	PASS
			30~1000	2.09	-54.72	≤-17.91	PASS



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	Ant8	2437	1000~26500	2.09	-35.05	≤ -17.91	PASS
			Reference	2.15	2.15	---	PASS
			30~1000	2.15	-54.36	≤ -17.85	PASS
			1000~26500	2.15	-35.42	≤ -17.85	PASS
	Ant6	2462	Reference	3.96	3.96	---	PASS
			30~1000	3.96	-30.1	≤ -16.04	PASS
			1000~26500	3.96	-35.35	≤ -16.04	PASS
			Reference	2.25	2.25	---	PASS
	Ant8	2462	30~1000	2.25	-54.87	≤ -17.75	PASS
			1000~26500	2.25	-34.96	≤ -17.75	PASS
			Reference	-0.93	-0.93	---	PASS
			30~1000	-0.93	-54.3	≤ -20.93	PASS
11N40MIMO	Ant6	2422	1000~26500	-0.93	-35.62	≤ -20.93	PASS
			Reference	-1.52	-1.52	---	PASS
			30~1000	-1.52	-54.61	≤ -21.52	PASS
	Ant8	2422	1000~26500	-1.52	-33.43	≤ -21.52	PASS
			Reference	-2.72	-2.72	---	PASS
			30~1000	-2.72	-54.51	≤ -22.72	PASS
	Ant6	2437	1000~26500	-2.72	-35.4	≤ -22.72	PASS
			Reference	-2.30	-2.30	---	PASS
			30~1000	-2.30	-54.3	≤ -22.3	PASS
	Ant8	2437	1000~26500	-2.30	-35.22	≤ -22.3	PASS
			Reference	-0.35	-0.35	---	PASS
			30~1000	-0.35	-54.68	≤ -20.35	PASS
	Ant6	2452	1000~26500	-0.35	-35.92	≤ -20.35	PASS
			Reference	0.67	0.67	---	PASS
			30~1000	0.67	-54.5	≤ -19.33	PASS
	Ant8	2452	1000~26500	0.67	-35.76	≤ -19.33	PASS
11AX20MIMO	Ant6	2412	Reference	2.29	2.29	---	PASS
			30~1000	2.29	-55.15	≤ -17.71	PASS
			1000~26500	2.29	-34.58	≤ -17.71	PASS
	Ant8	2412	Reference	2.83	2.83	---	PASS
			30~1000	2.83	-54.71	≤ -17.17	PASS
			1000~26500	2.83	-35.64	≤ -17.17	PASS
	Ant6	2437	Reference	1.47	1.47	---	PASS
			30~1000	1.47	-54.29	≤ -18.53	PASS
			1000~26500	1.47	-36.25	≤ -18.53	PASS
	Ant8	2437	Reference	3.30	3.30	---	PASS
			30~1000	3.30	-54.6	≤ -16.7	PASS
			1000~26500	3.30	-35.01	≤ -16.7	PASS
	Ant6	2462	Reference	2.96	2.96	---	PASS
			30~1000	2.96	-54.6	≤ -17.04	PASS
			1000~26500	2.96	-35.17	≤ -17.04	PASS
	Ant8	2462	Reference	2.58	2.58	---	PASS
			30~1000	2.58	-54.48	≤ -17.42	PASS
			1000~26500	2.58	-34.97	≤ -17.42	PASS
11AX40MIMO	Ant6	2422	Reference	-2.05	-2.05	---	PASS
			30~1000	-2.05	-54.74	≤ -22.05	PASS
			1000~26500	-2.05	-34.94	≤ -22.05	PASS
	Ant8	2422	Reference	-2.26	-2.26	---	PASS
			30~1000	-2.26	-54.75	≤ -22.26	PASS
			1000~26500	-2.26	-35.06	≤ -22.26	PASS



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	Ant6	2437	Reference	-0.99	-0.99	---	PASS
			30~1000	-0.99	-54.81	≤ -20.99	PASS
			1000~26500	-0.99	-34.61	≤ -20.99	PASS
	Ant8	2437	Reference	0.05	0.05	---	PASS
			30~1000	0.05	-54.76	≤ -19.95	PASS
			1000~26500	0.05	-34.95	≤ -19.95	PASS
	Ant6	2452	Reference	-2.55	-2.55	---	PASS
			30~1000	-2.55	-46.1	≤ -22.55	PASS
			1000~26500	-2.55	-35.29	≤ -22.55	PASS
	Ant8	2452	Reference	-3.17	-3.17	---	PASS
			30~1000	-3.17	-37.52	≤ -23.17	PASS
			1000~26500	-3.17	-35.4	≤ -23.17	PASS