

11x40MIMO Ant22 5755



11x40MIMO Ant24 5755



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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 228 of 830

11ax40MIMO Ant22 5795



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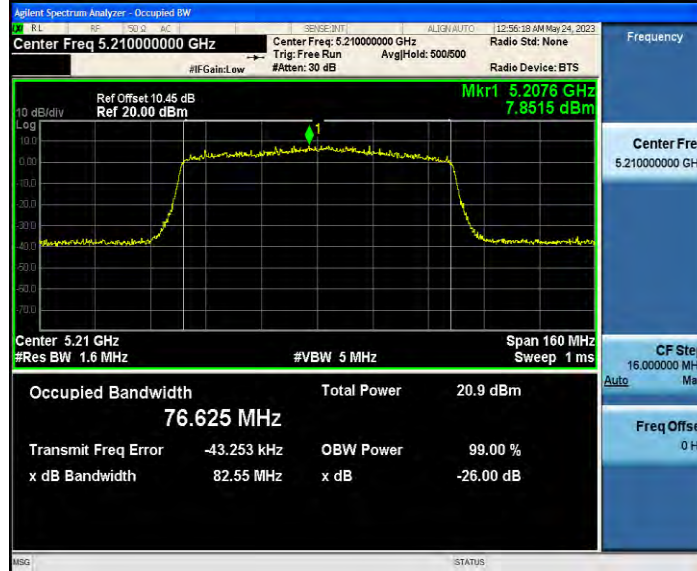
Rev.: 01

Page: 229 of 830

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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 232 of 830

11ax80MIMO_Ant22_5690



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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 233 of 830

11ax80MIMO Ant22 5775



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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 234 of 830

11ax160MIMO_Ant22_5250



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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 235 of 830

6dB emission bandwidth Test Result B4

TestMode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a-CDD	Ant22	5745	15.080	5736.840	5751.920	0.5	PASS
	Ant24	5745	10.600	5740.040	5750.640	0.5	PASS
	Ant22	5785	10.760	5781.160	5791.920	0.5	PASS
	Ant24	5785	11.960	5779.920	5791.880	0.5	PASS
	Ant22	5825	15.120	5817.440	5832.560	0.5	PASS
	Ant24	5825	15.920	5817.240	5833.160	0.5	PASS
11n20MIMO	Ant22	5745	15.680	5736.440	5752.120	0.5	PASS
	Ant24	5745	11.560	5737.440	5749.000	0.5	PASS
	Ant22	5785	17.200	5776.600	5793.800	0.5	PASS
	Ant24	5785	16.000	5777.120	5793.120	0.5	PASS
	Ant22	5825	15.640	5817.480	5833.120	0.5	PASS
	Ant24	5825	11.920	5820.600	5832.520	0.5	PASS
11n40MIMO	Ant22	5755	25.360	5737.240	5762.600	0.5	PASS
	Ant24	5755	29.360	5737.560	5766.920	0.5	PASS
	Ant22	5795	31.920	5777.480	5809.400	0.5	PASS
	Ant24	5795	31.280	5778.760	5810.040	0.5	PASS
11ac20MIMO	Ant22	5745	17.200	5736.200	5753.400	0.5	PASS
	Ant24	5745	16.920	5736.480	5753.400	0.5	PASS
	Ant22	5785	8.520	5782.120	5790.640	0.5	PASS
	Ant24	5785	17.160	5776.600	5793.760	0.5	PASS
	Ant22	5825	17.240	5816.520	5833.760	0.5	PASS
	Ant24	5825	10.680	5820.640	5831.320	0.5	PASS
11ac40MIMO	Ant22	5755	30.640	5736.840	5767.480	0.5	PASS
	Ant24	5755	31.920	5738.120	5770.040	0.5	PASS
	Ant22	5795	34.080	5777.480	5811.560	0.5	PASS
	Ant24	5795	25.040	5779.960	5805.000	0.5	PASS
11ac80MIMO	Ant22	5775	65.920	5746.520	5812.440	0.5	PASS
	Ant24	5775	68.640	5737.560	5806.200	0.5	PASS
11ax20MIMO	Ant22	5745	16.440	5735.680	5752.120	0.5	PASS
	Ant24	5745	16.280	5736.520	5752.800	0.5	PASS
	Ant22	5785	18.600	5775.880	5794.480	0.5	PASS
	Ant24	5785	16.800	5777.560	5794.360	0.5	PASS
	Ant22	5825	17.480	5816.440	5833.920	0.5	PASS
	Ant24	5825	15.520	5817.120	5832.640	0.5	PASS
11ax40MIMO	Ant22	5755	28.480	5738.680	5767.160	0.5	PASS
	Ant24	5755	34.800	5738.040	5772.840	0.5	PASS
	Ant22	5795	34.800	5776.600	5811.400	0.5	PASS
	Ant24	5795	35.440	5777.480	5812.920	0.5	PASS
11ax80MIMO	Ant22	5775	61.600	5745.880	5807.480	0.5	PASS
	Ant24	5775	42.400	5747.480	5789.880	0.5	PASS



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Test Graphs B4



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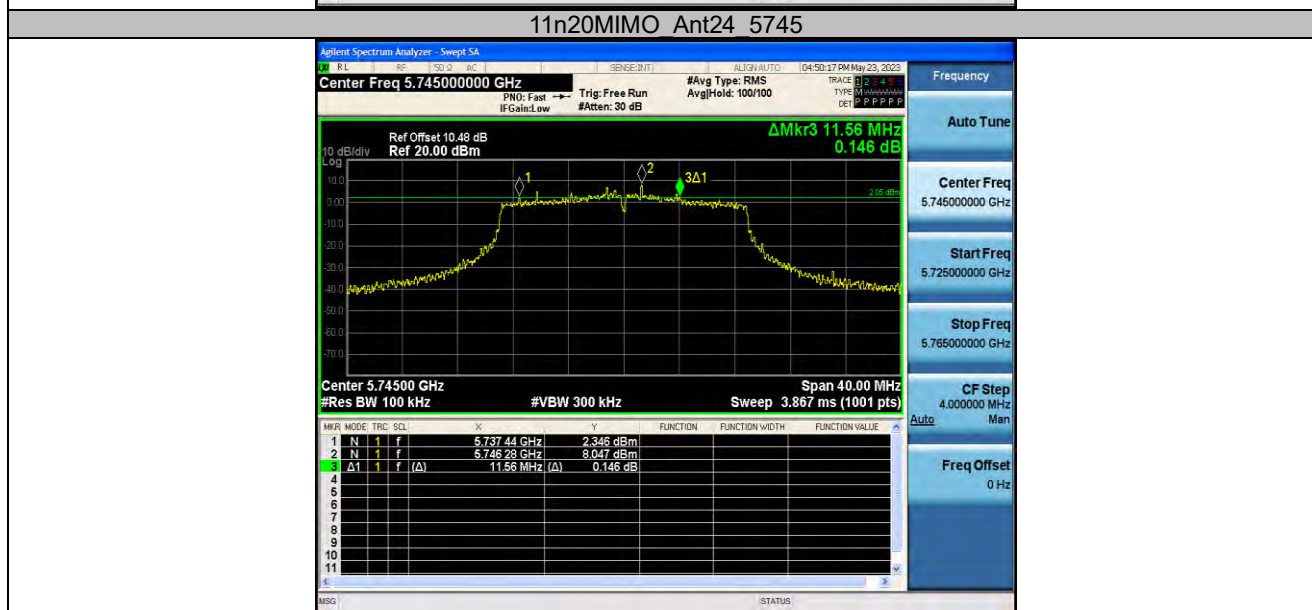
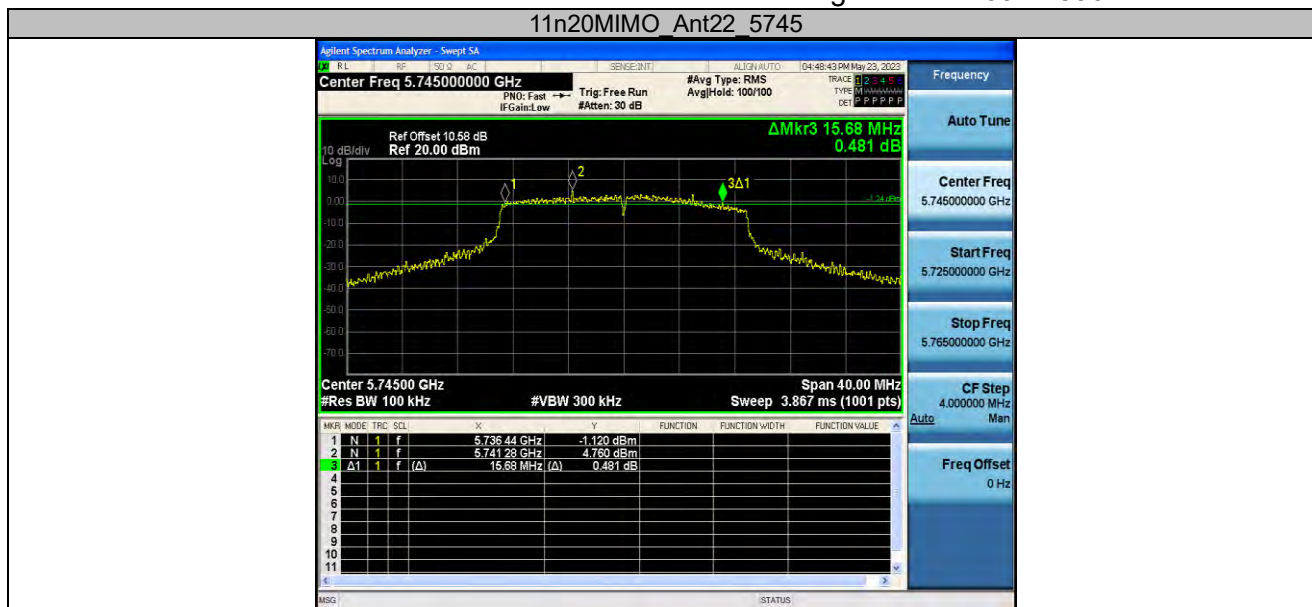


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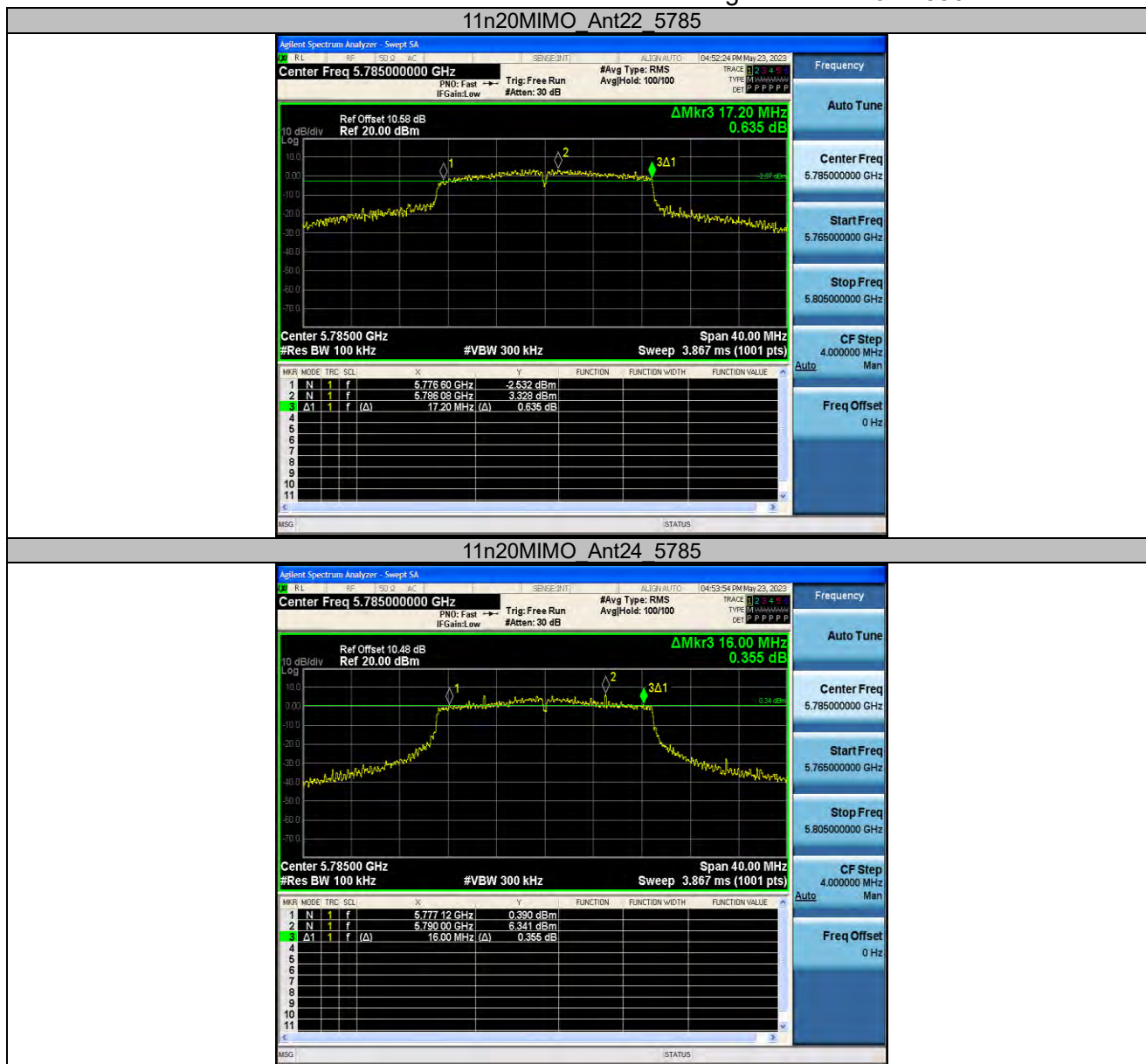


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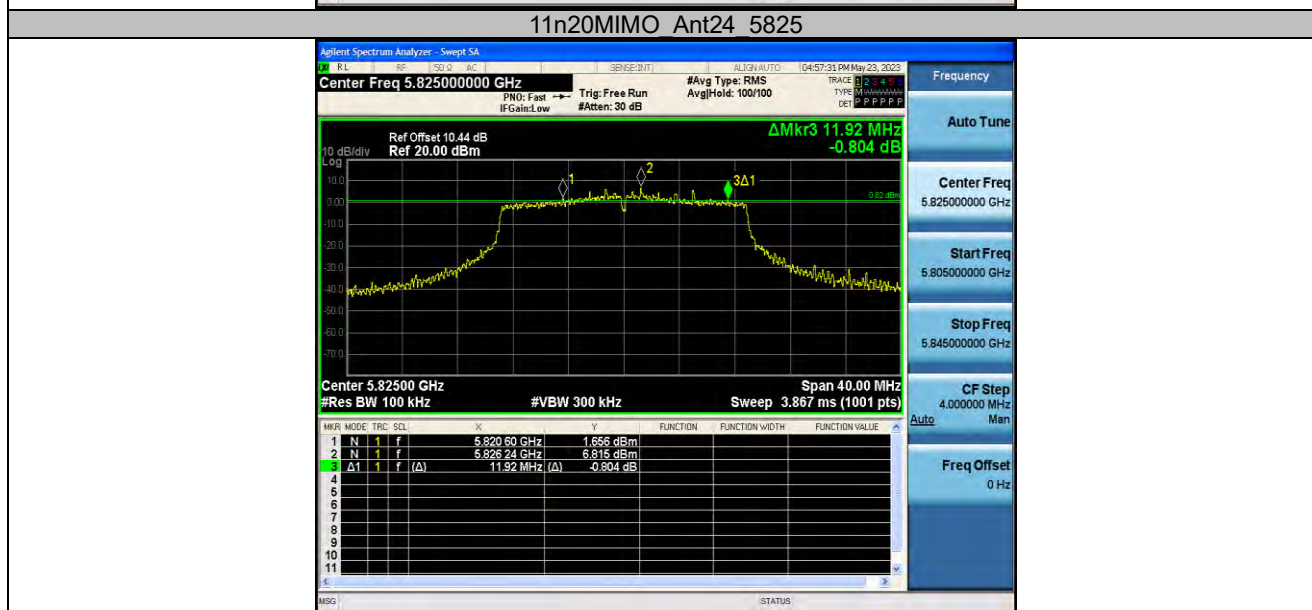
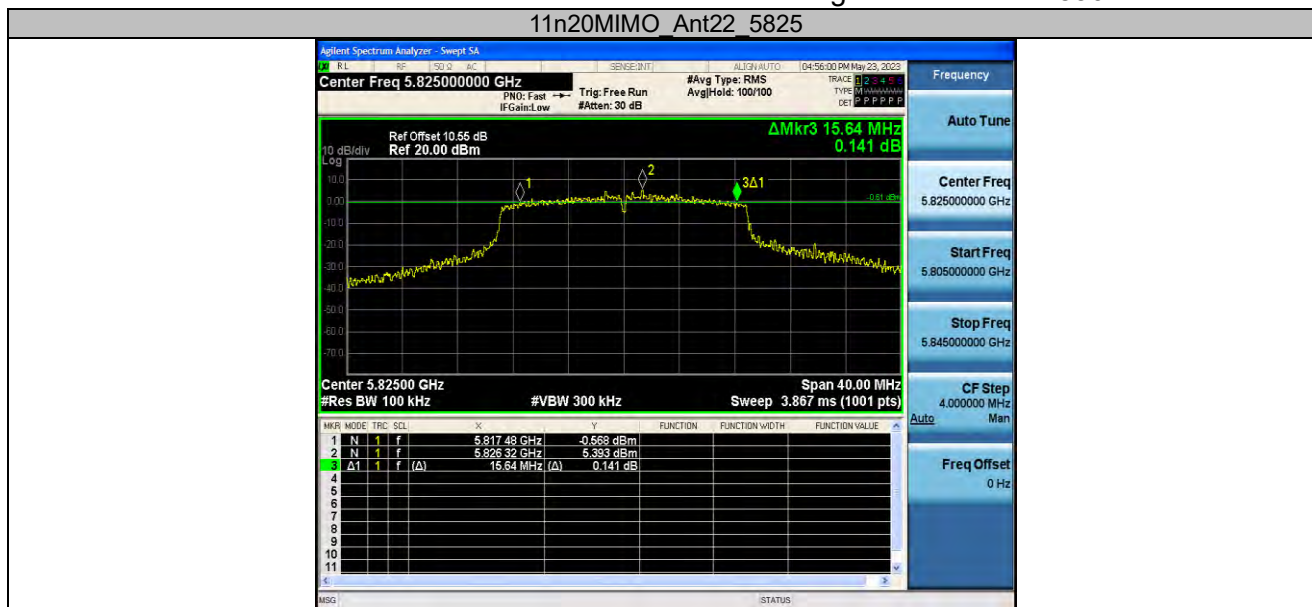


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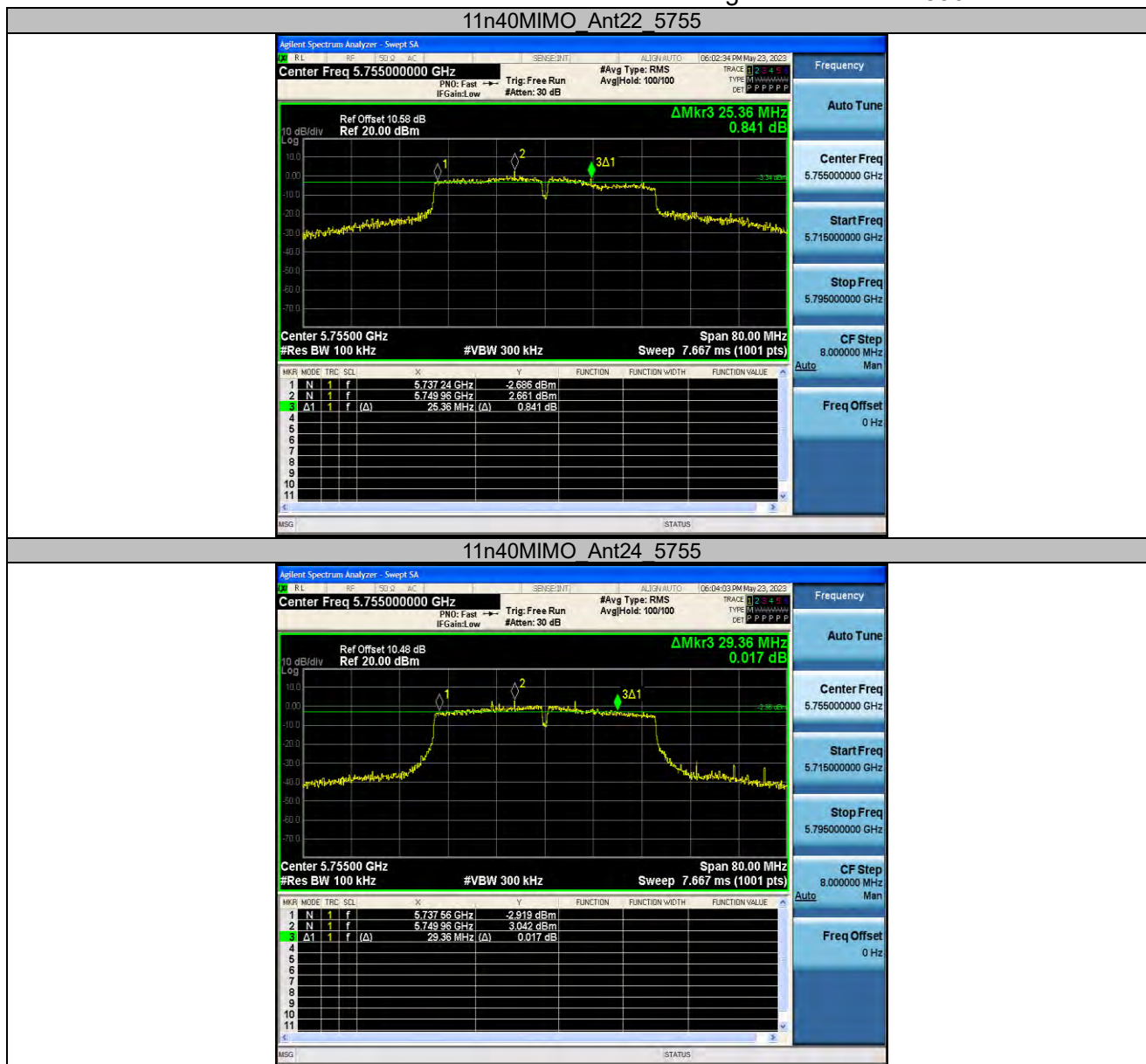


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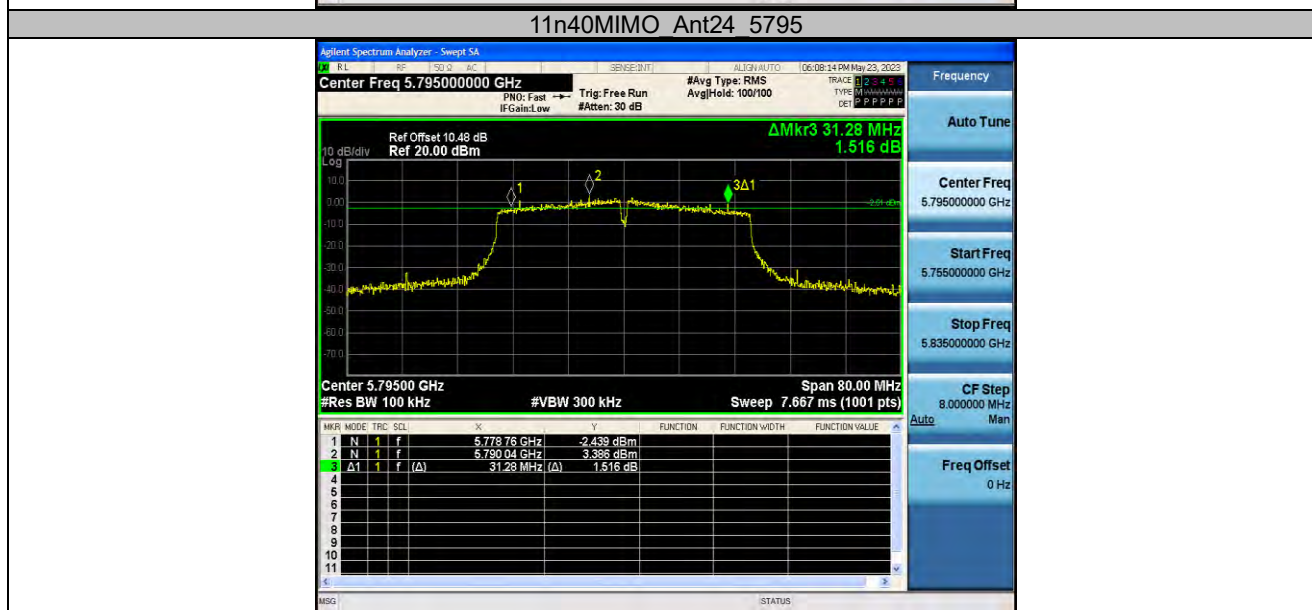
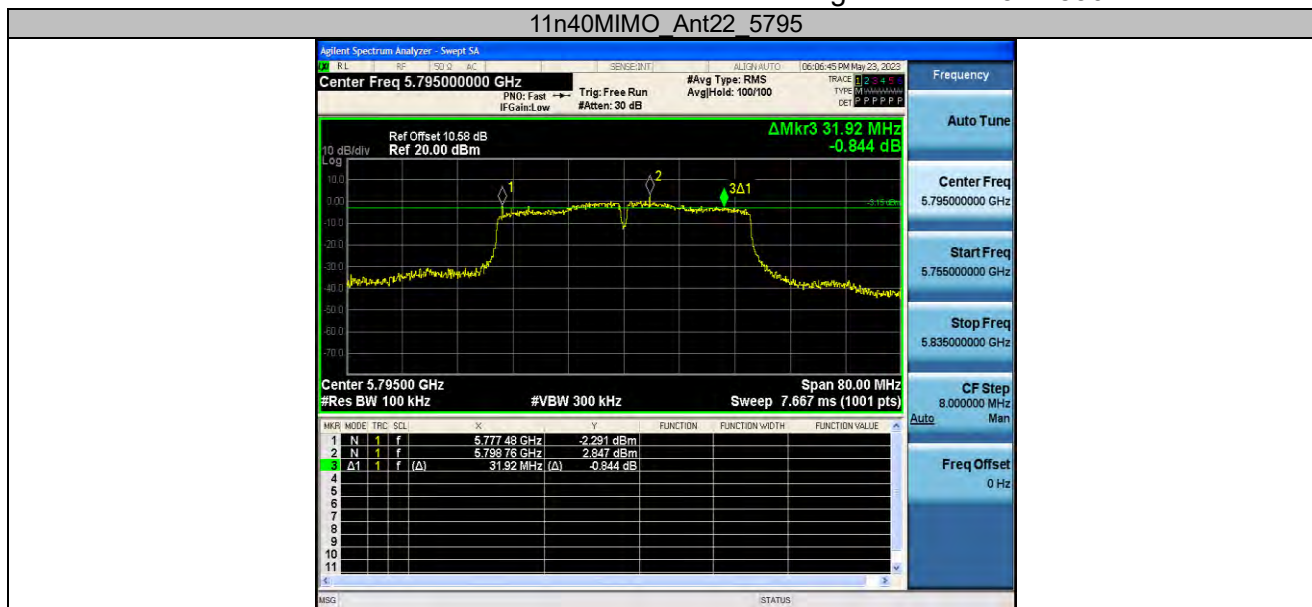


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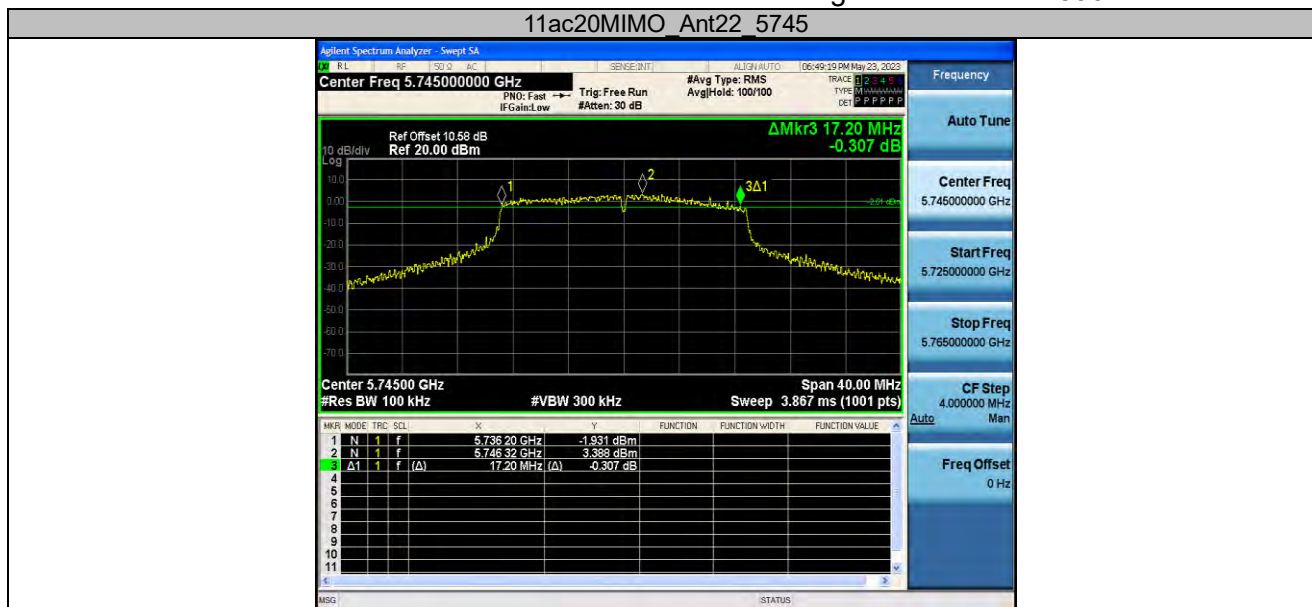


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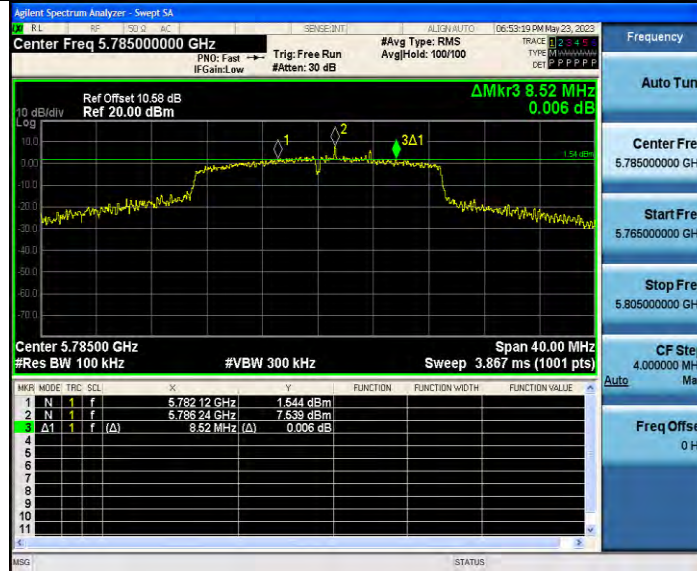
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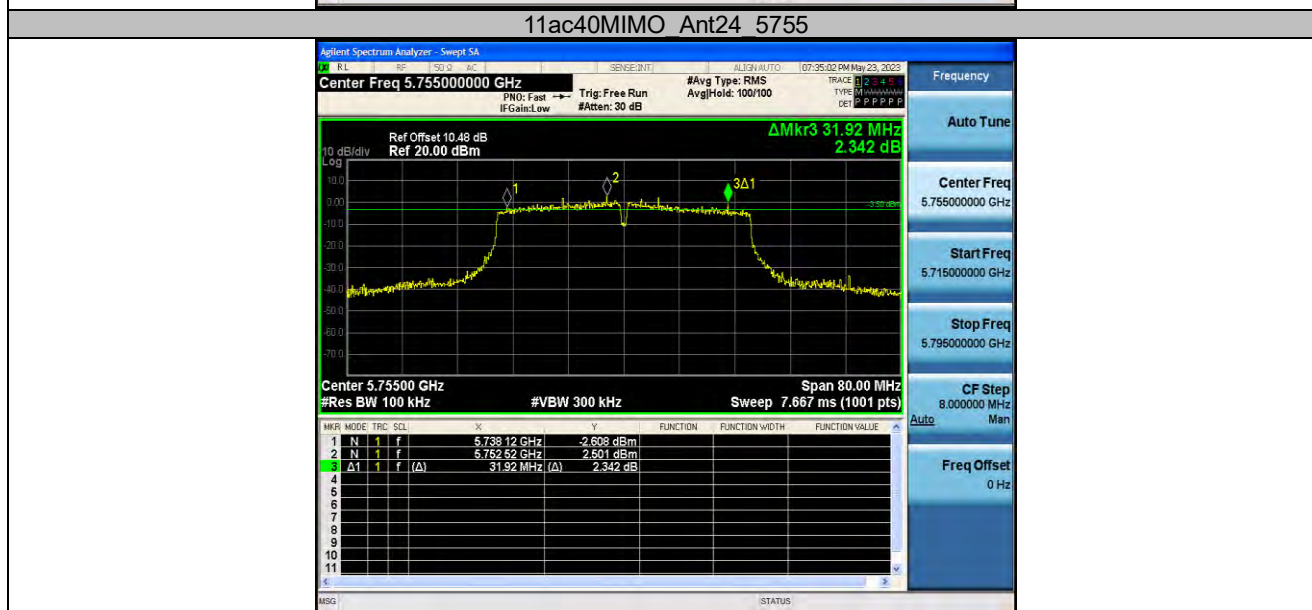


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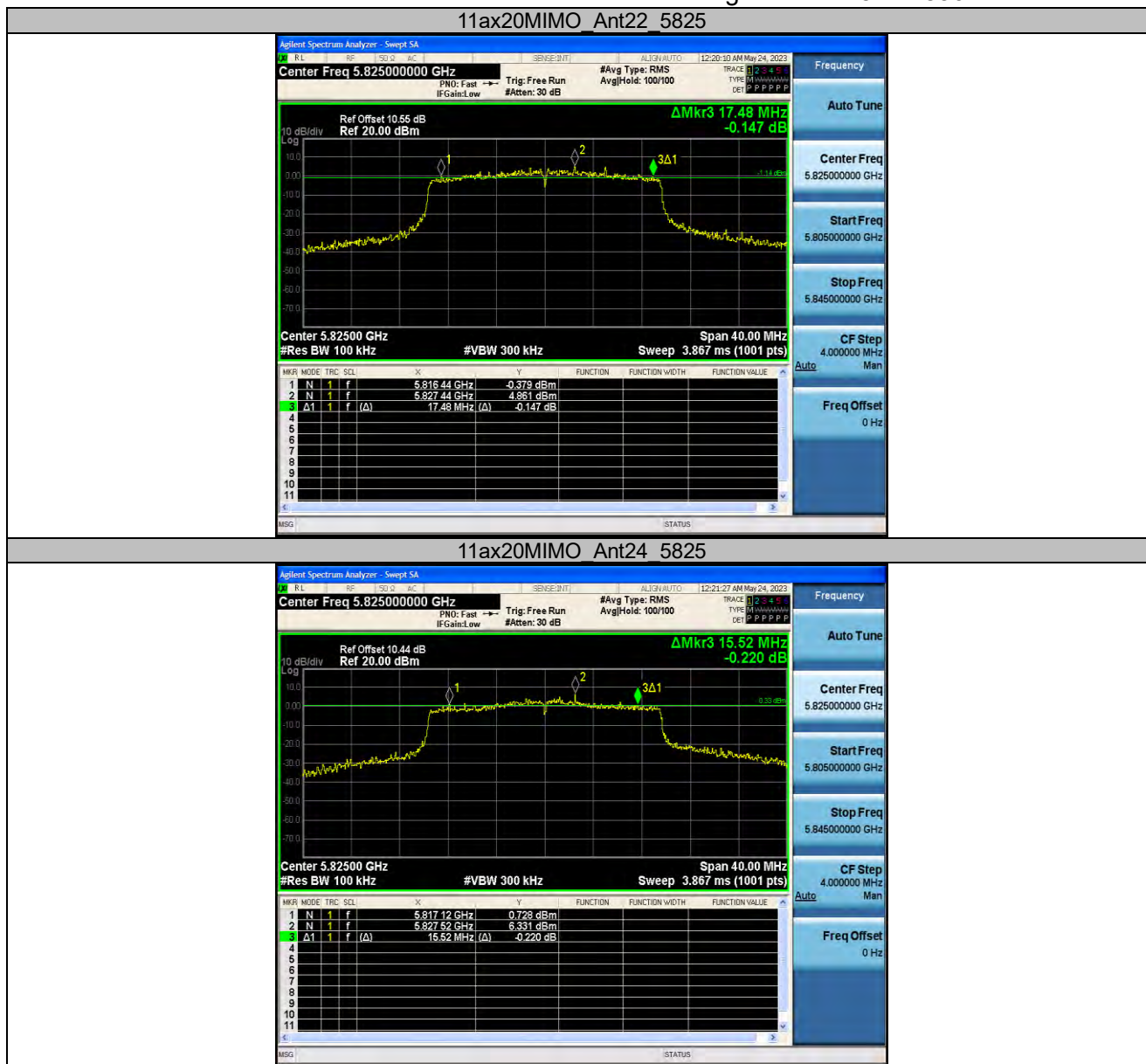


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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 256 of 830

Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle* [%]
11a-CDD	Ant22	5180	2.10	2.11	99.53
	Ant24	5180	2.10	2.12	99.06
11n20MIMO	Ant22	5180	5.42	5.44	99.63
	Ant24	5180	5.42	5.44	99.63
11n40MIMO	Ant22	5190	5.43	5.44	99.82
	Ant24	5190	5.43	5.45	99.63
11ac20MIMO	Ant22	5180	5.43	5.44	99.82
	Ant24	5180	5.42	5.44	99.63
11ac40MIMO	Ant22	5190	5.43	5.45	99.63
	Ant24	5190	5.43	5.45	99.63
11ac80MIMO	Ant22	5210	5.42	5.44	99.63
	Ant24	5210	5.43	5.45	99.63
11ac160MIMO	Ant22	5250	5.43	5.44	99.82
	Ant24	5250	5.43	5.44	99.82
11ax20MIMO	Ant22	5180	5.44	5.46	99.63
	Ant24	5180	5.45	5.46	99.82
11ax40MIMO	Ant22	5190	5.45	5.46	99.82
	Ant24	5190	5.45	5.46	99.82
11ax80MIMO	Ant22	5210	5.45	5.46	99.82
	Ant24	5210	5.44	5.46	99.63
11ax160MIMO	Ant22	5250	5.44	5.46	99.63
	Ant24	5250	5.45	5.46	99.82

Note:

Radiated Emission Average VBW Setting:

*Duty cycle > 98% VBW setting=10Hz



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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 257 of 830

Test Result for AX Part RU

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11ax20MIMO	Ant22	5180	26Tone	RU0	4.56	4.58	99.51
			52Tone	RU37	5.07	5.09	99.61
			106Tone	RU53	4.77	4.79	99.58
	Ant24	5180	26Tone	RU0	4.56	4.58	99.51
			52Tone	RU37	5.07	5.09	99.61
			106Tone	RU53	4.77	4.79	99.58
11ax40MIMO	Ant22	5190	242Tone	RU61	0.51	0.52	98.08
	Ant24	5190	242Tone	RU61	0.51	0.52	98.08
11ax80MIMO	Ant22	5210	484Tone	RU65	0.29	0.31	93.55
	Ant24	5210	484Tone	RU65	0.29	0.31	93.55
11ax160MIMO	Ant22	5250	996Tone	RU67	0.43	0.91	47.25
	Ant24	5250	996Tone	RU67	0.42	0.95	44.21

Note:

Radiated Emission Average VBW = 1 / T

TestMode	T[ms]	Period[ms]	Duty Cycle[%]	1/T[kHz]	VBW Setting
11ax20MIMO 26Tone RU0	4.56	4.58	99.51	0.21930	10Hz*
11ax40MIMO 242Tone RU61	0.51	0.52	98.08	1.96078	10Hz*
11ax80MIMO 484Tone RU65	0.29	0.31	93.55	3.44828	3.6kHz
11ax160MIMO 996Tone RU67	0.42	0.95	44.21	2.38095	3kHz

*Duty cycle > 98% VBW setting=10Hz



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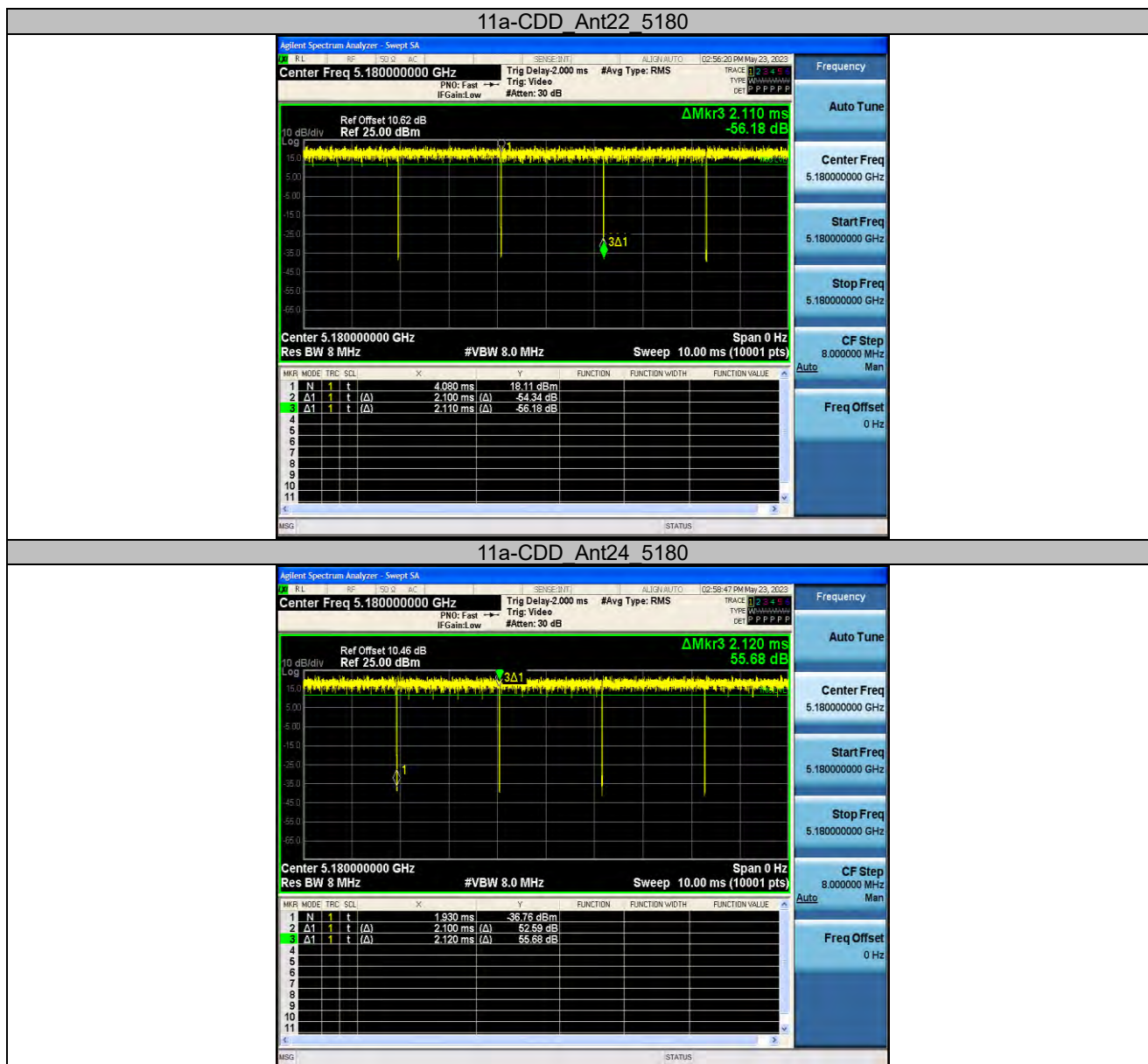
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Rev.: 01

Page: 258 of 830

Test Graphs



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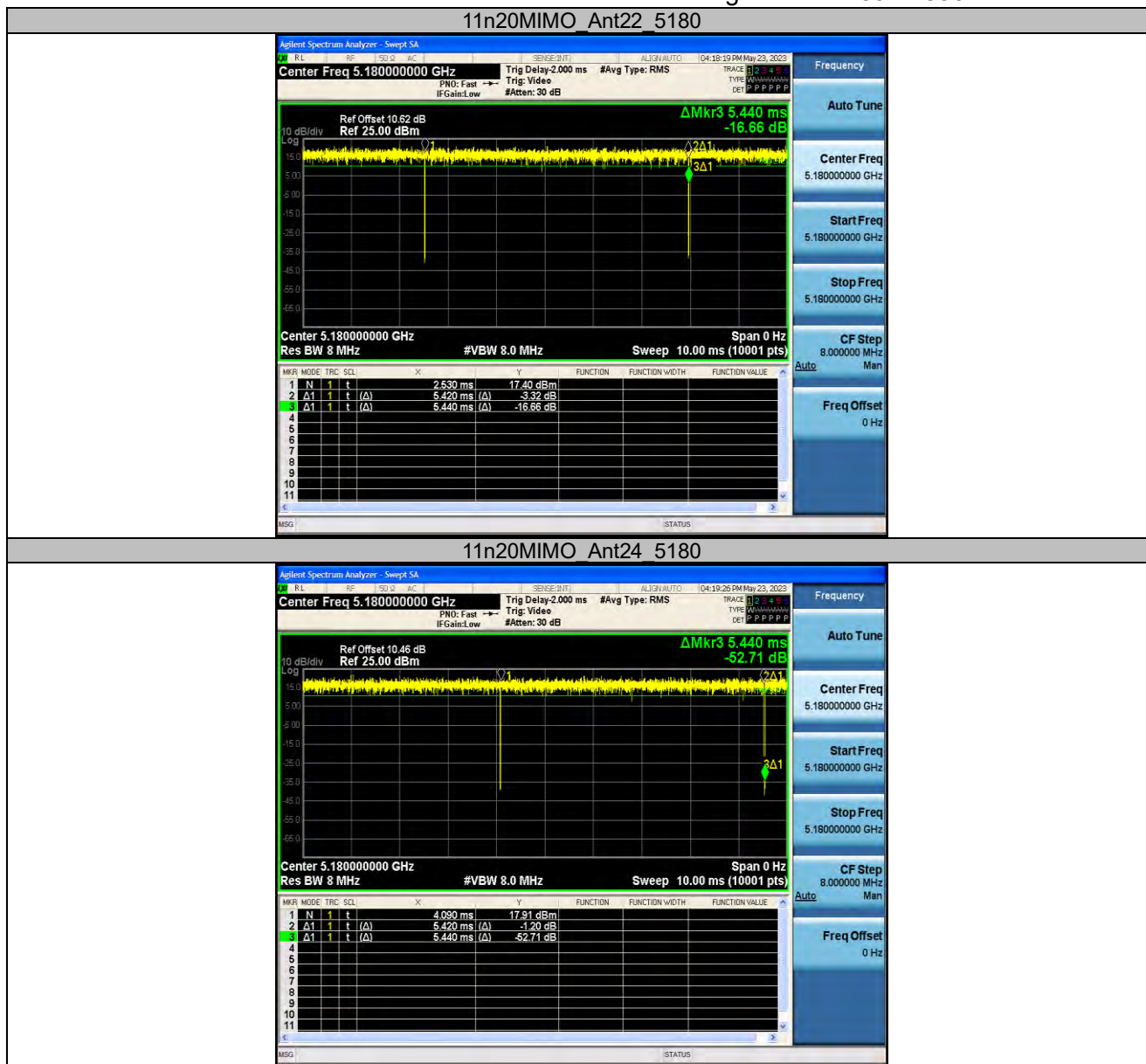
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Rev.: 01

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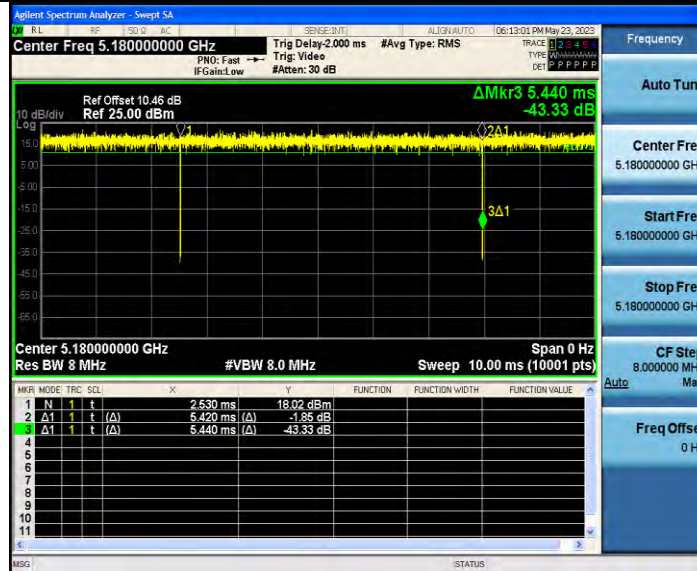
Rev.: 01

Page: 261 of 830

11ac20MIMO Ant22 5180



11ac20MIMO Ant24 5180

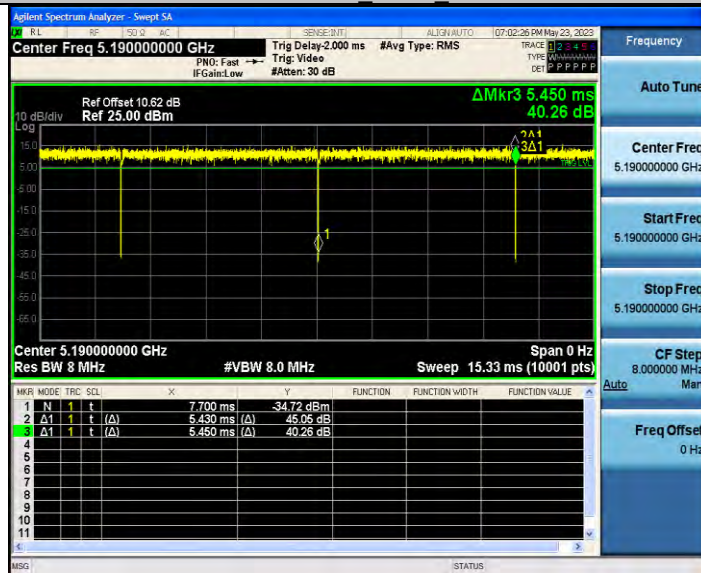


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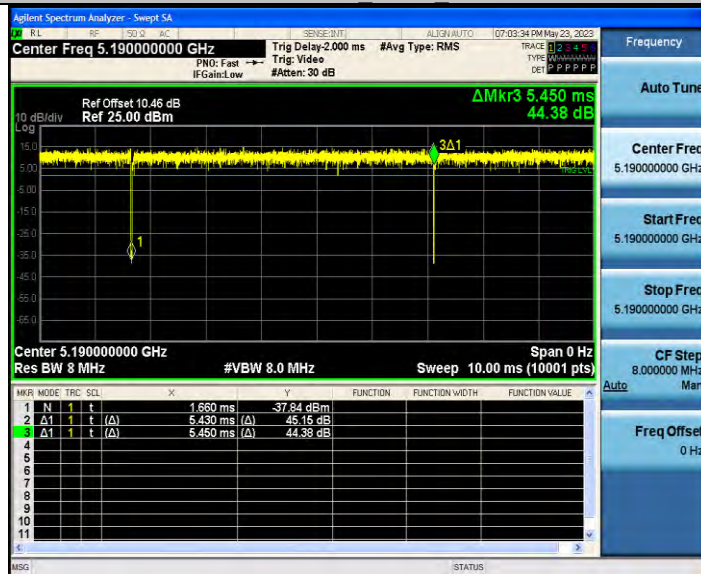
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11ac40MIMO Ant22 5190



11ac40MIMO Ant24 5190



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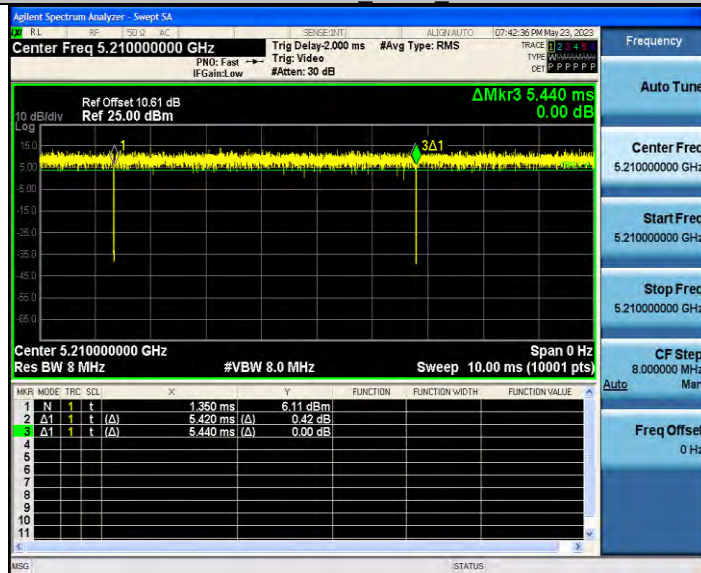
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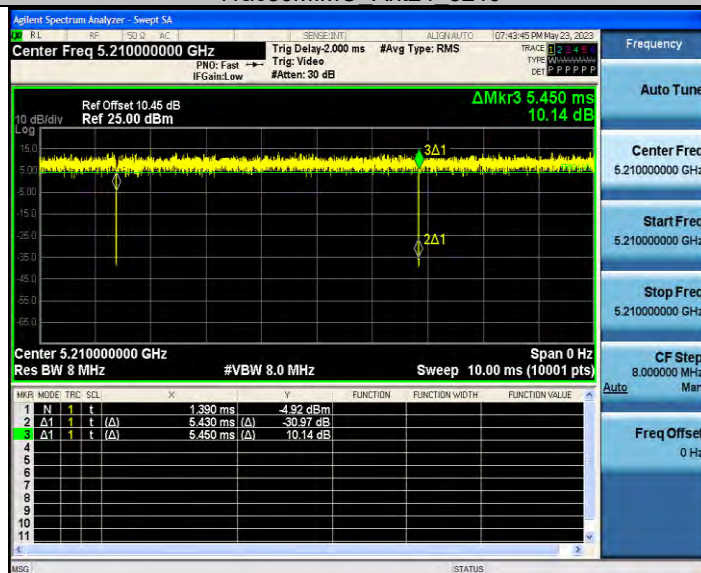
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Page: 263 of 830

11ac80MIMO Ant22 5210



11ac80MIMO Ant24 5210

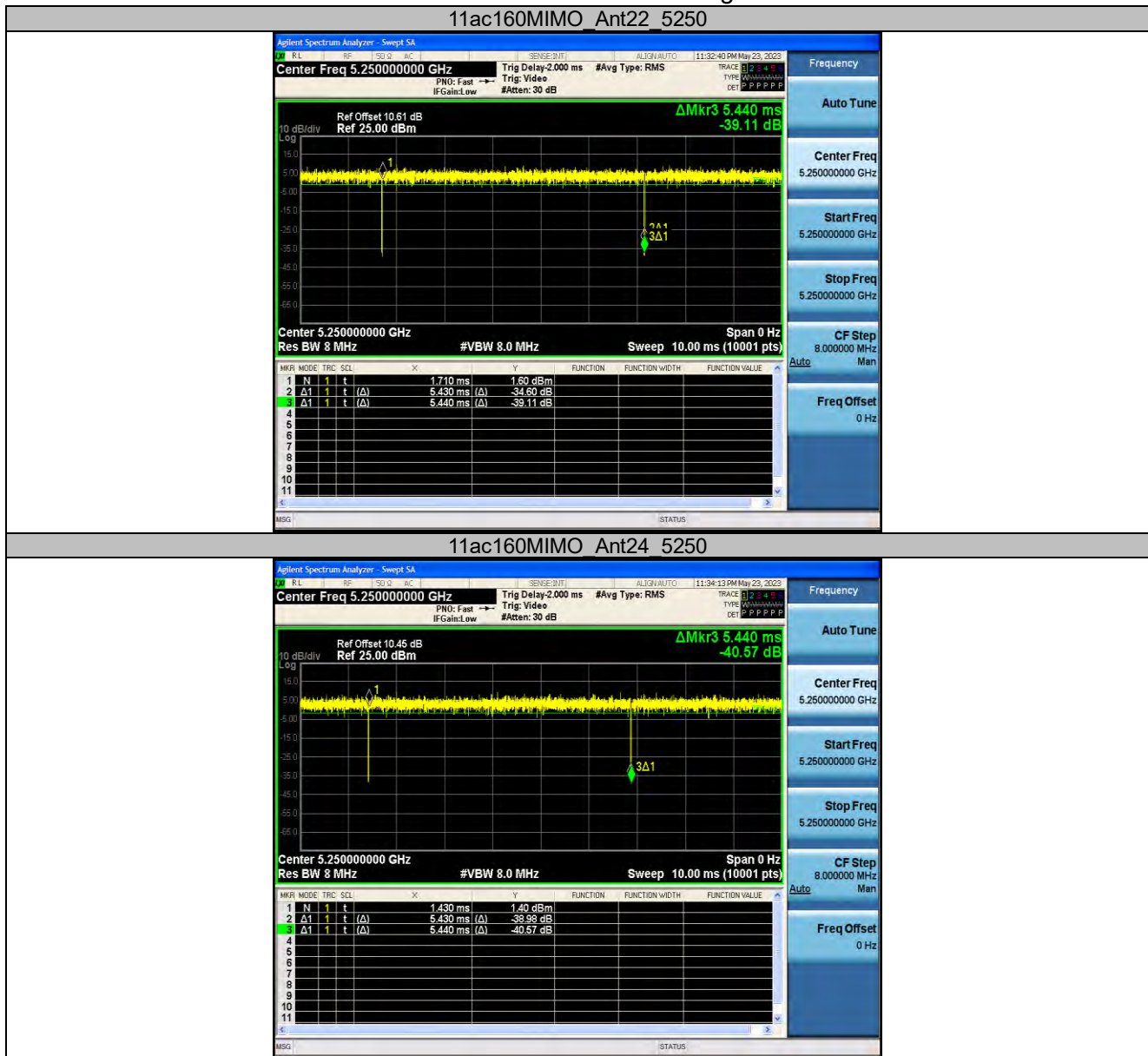


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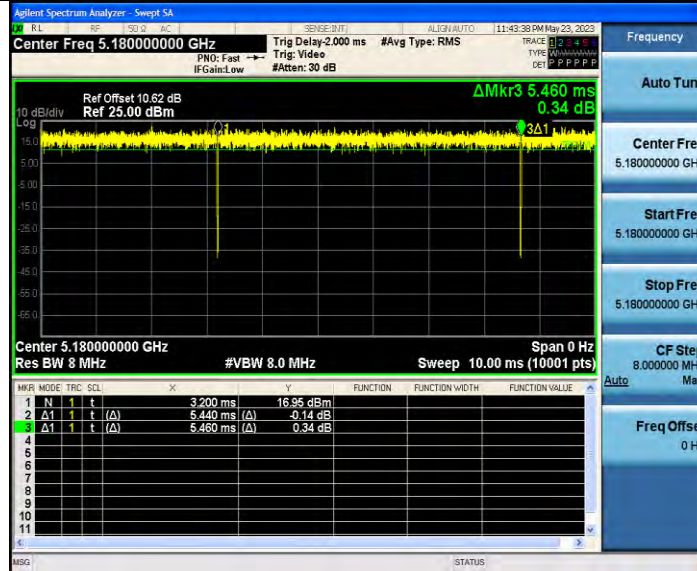
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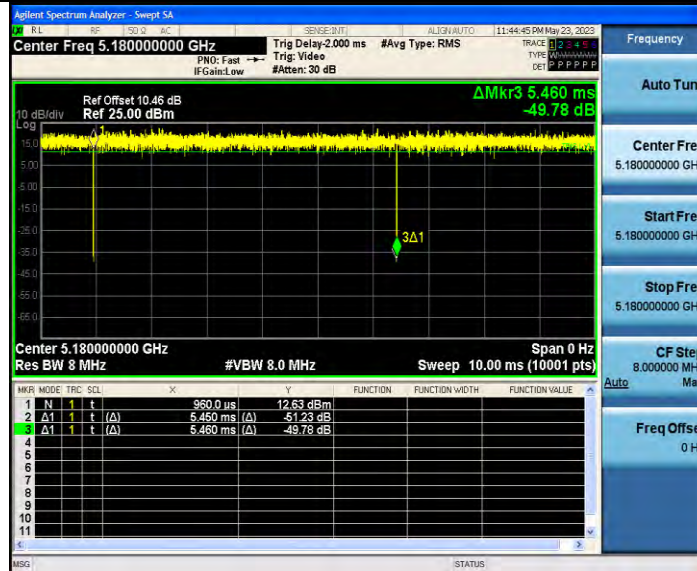
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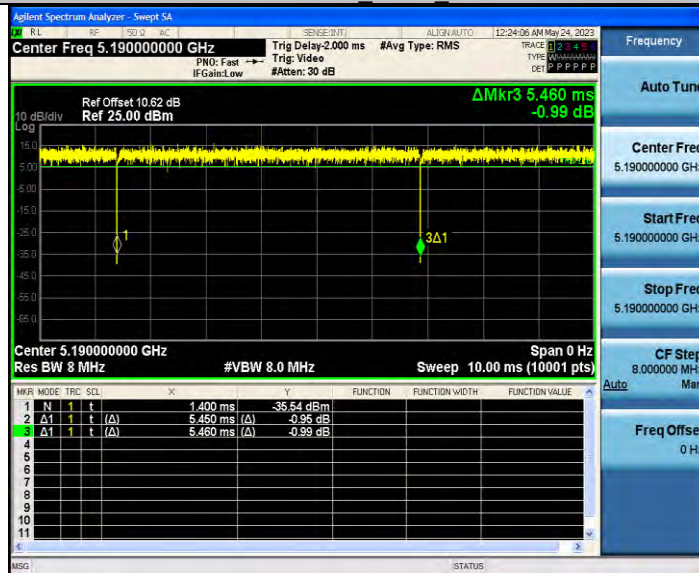
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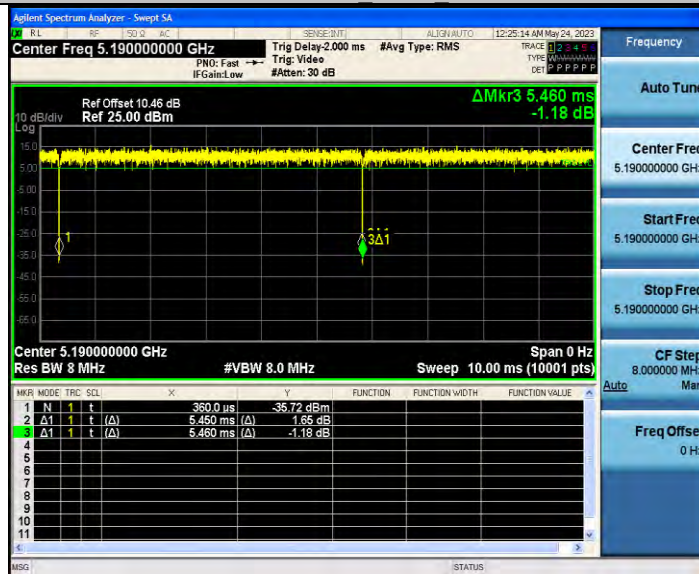
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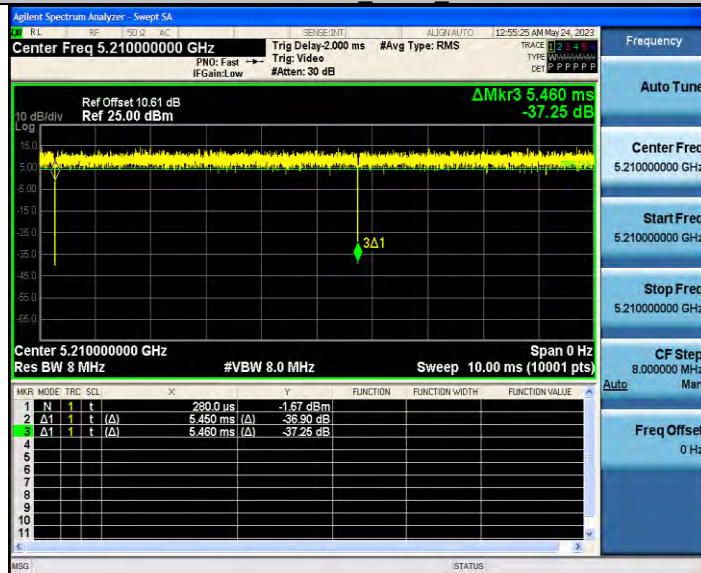


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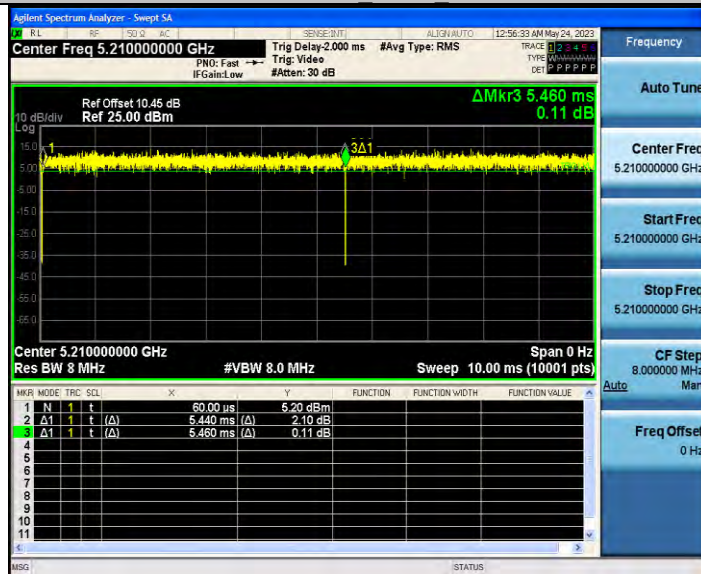
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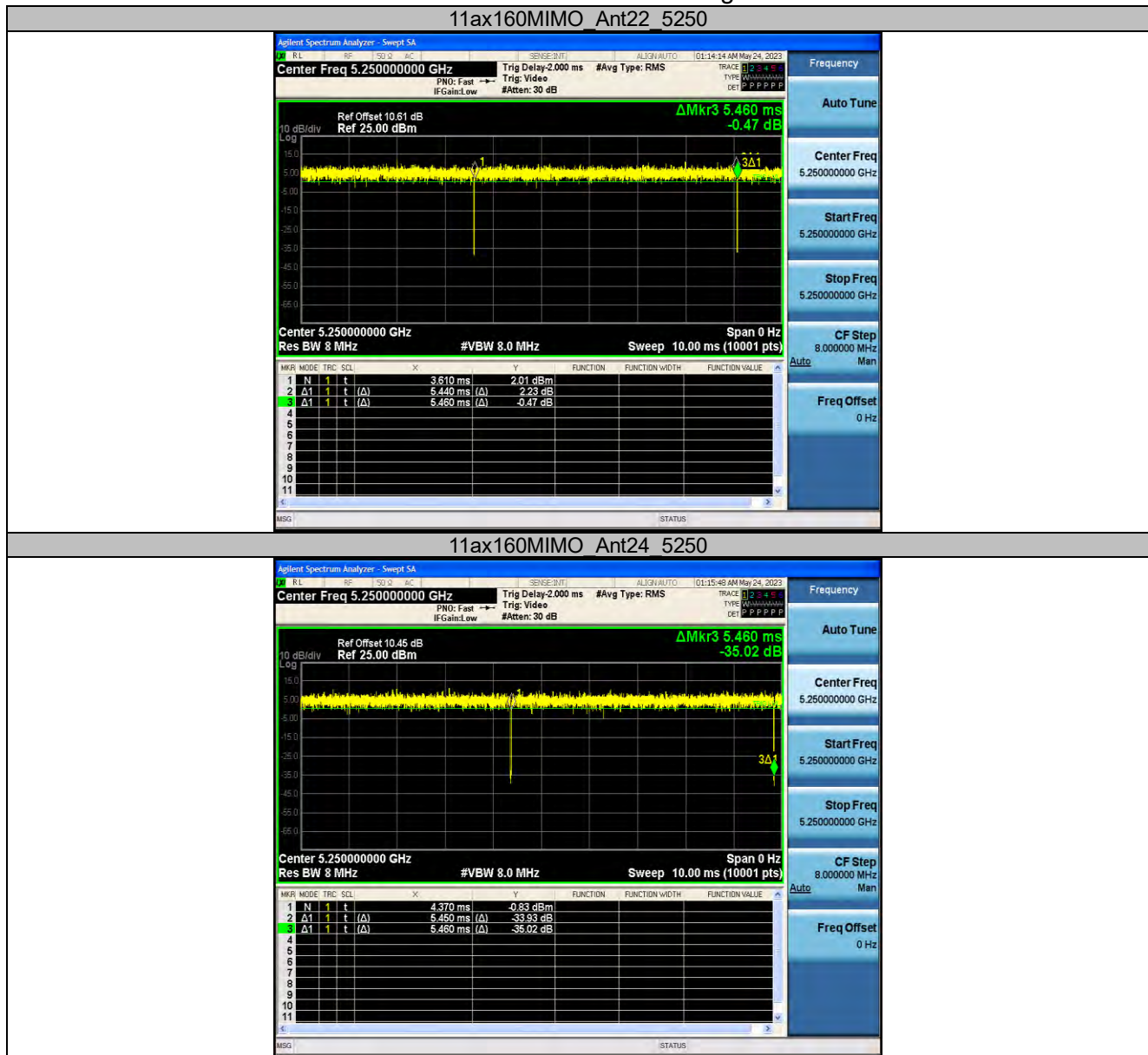
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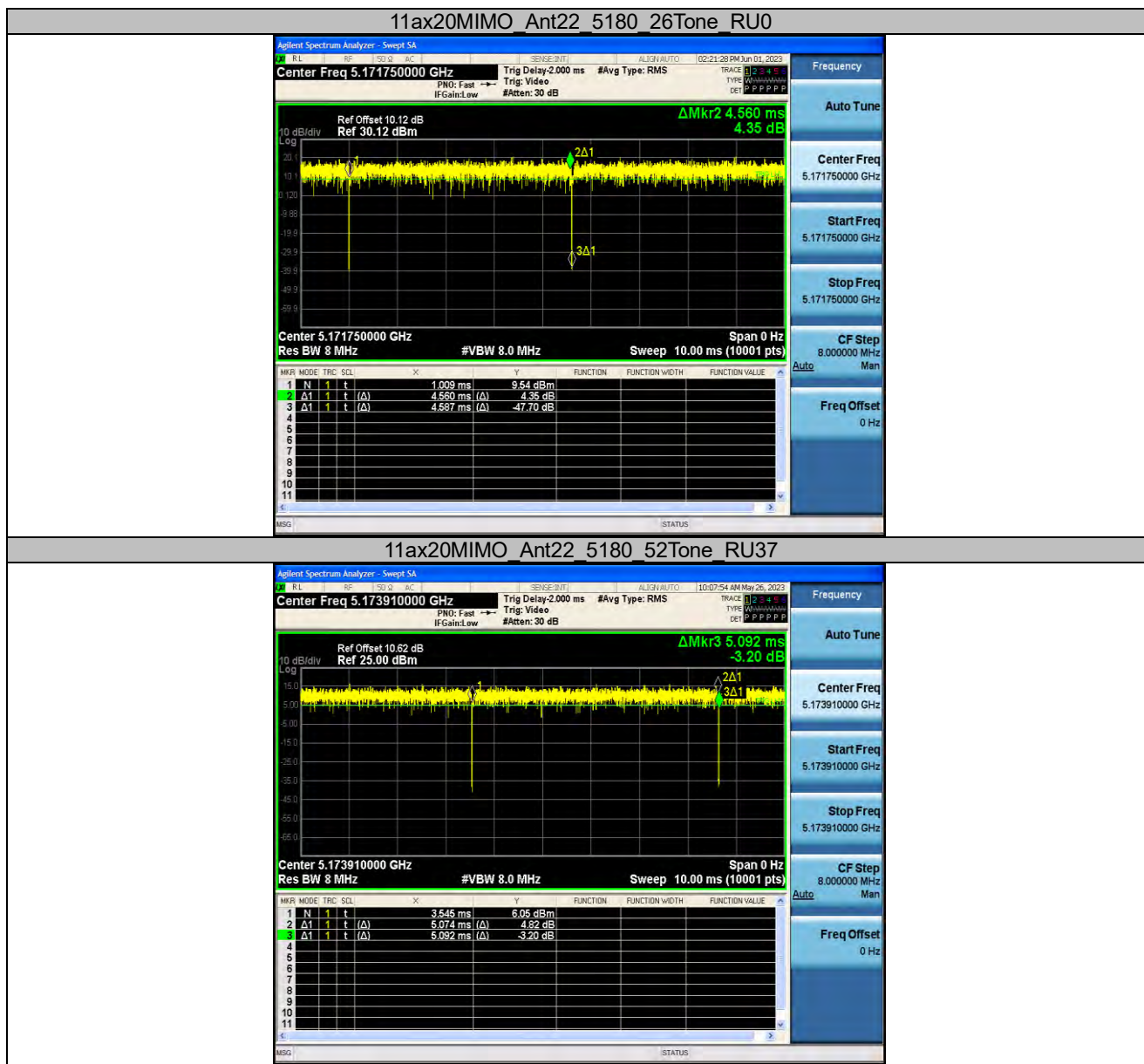
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Report No.: SEWM2305000166RG06

Rev.: 01

Page: 269 of 830

Test Graphs for AX Part RU



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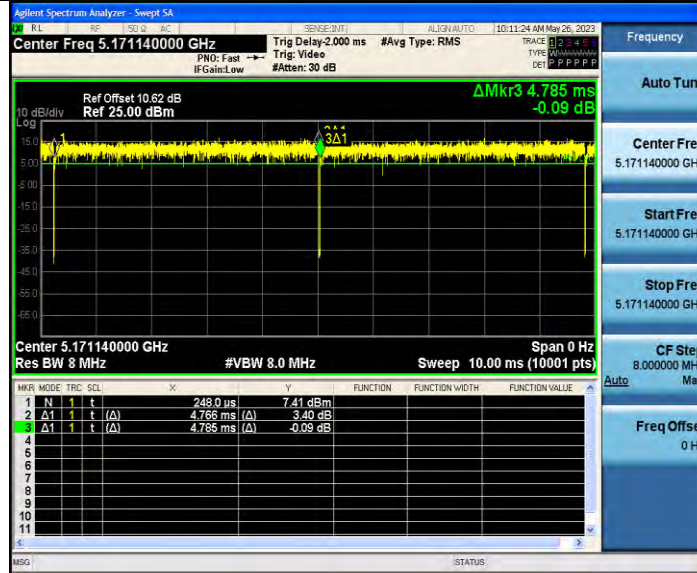
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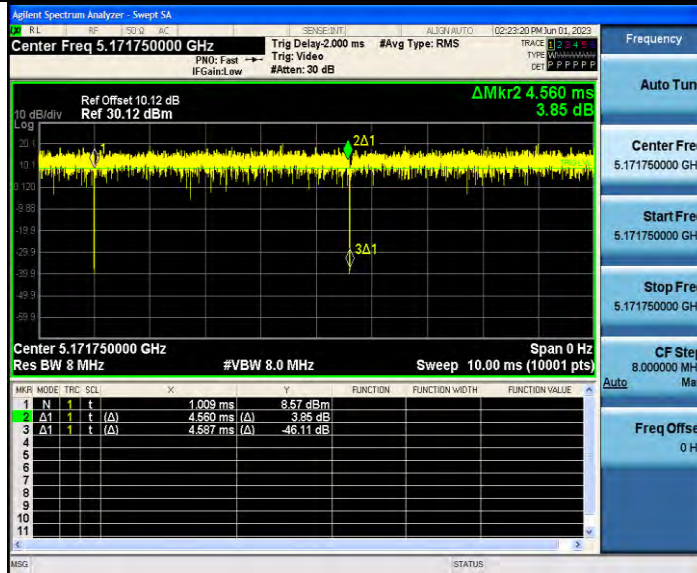
Rev.: 01

Page: 270 of 830

11ax20MIMO Ant22 5180 106Tone RU53



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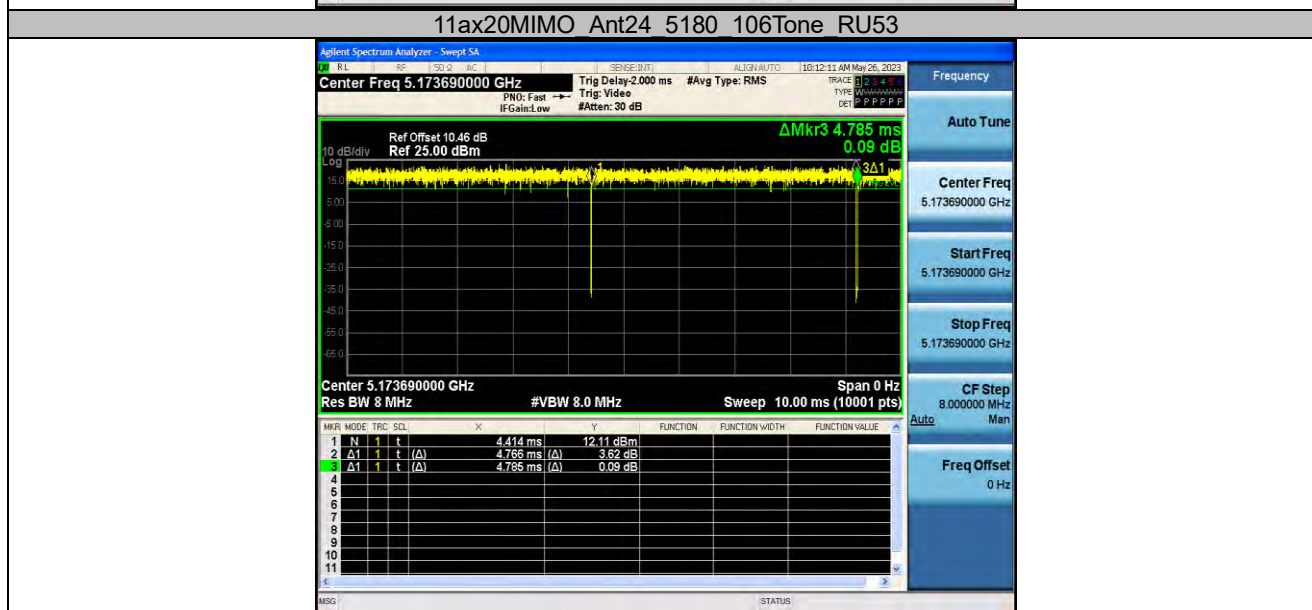
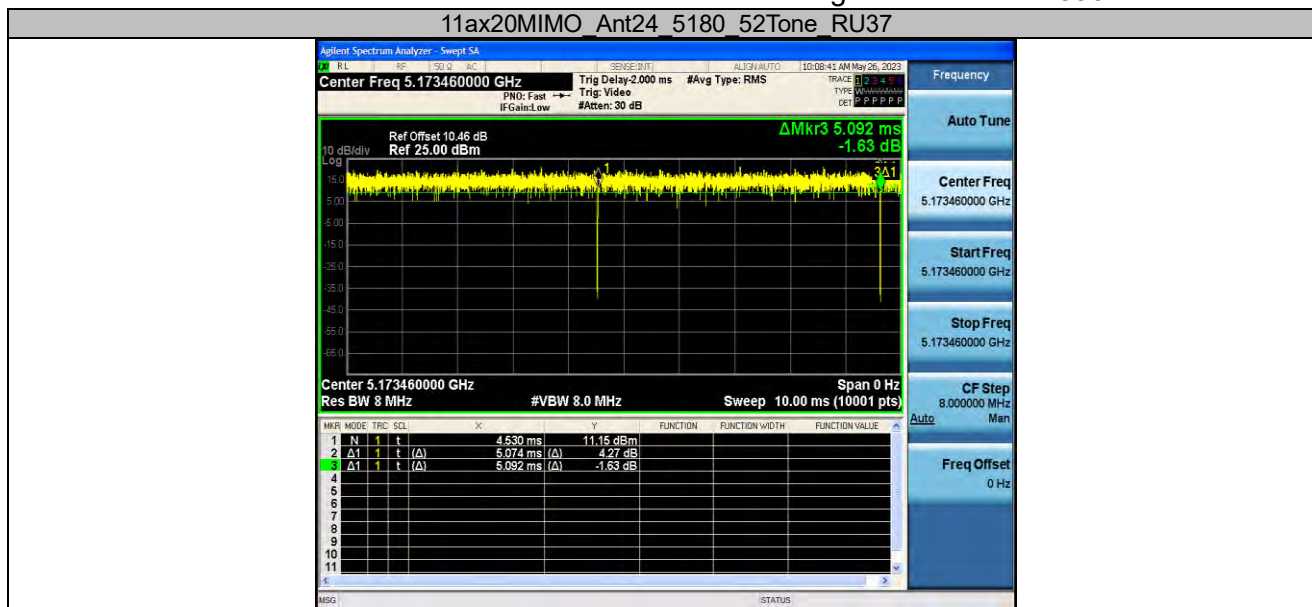


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