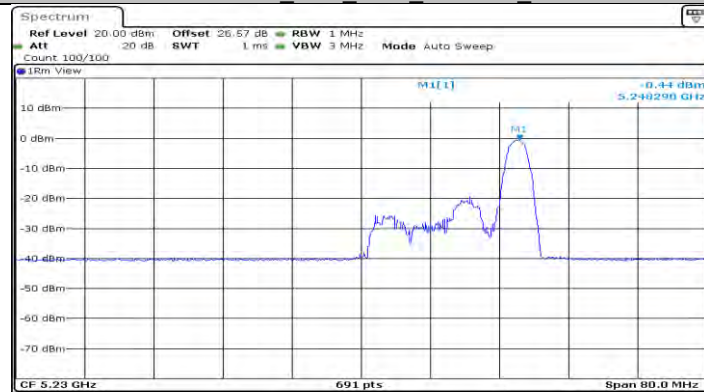


11AX40MIMO_Ant1_5190_242Tone_RU61



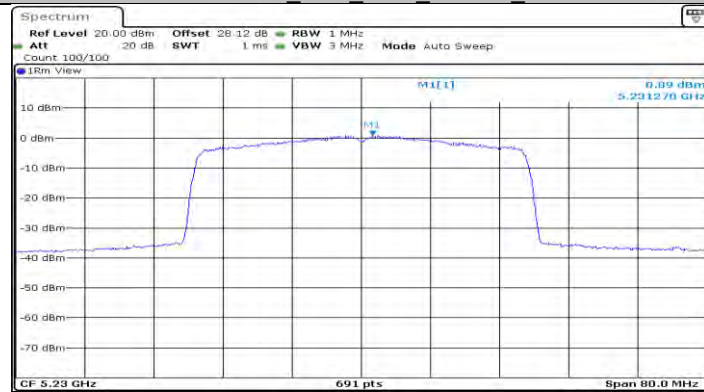
Date: 28.OCT.2023 10:31:07

11AX40MIMO_Ant1_5190_484Tone_RU65



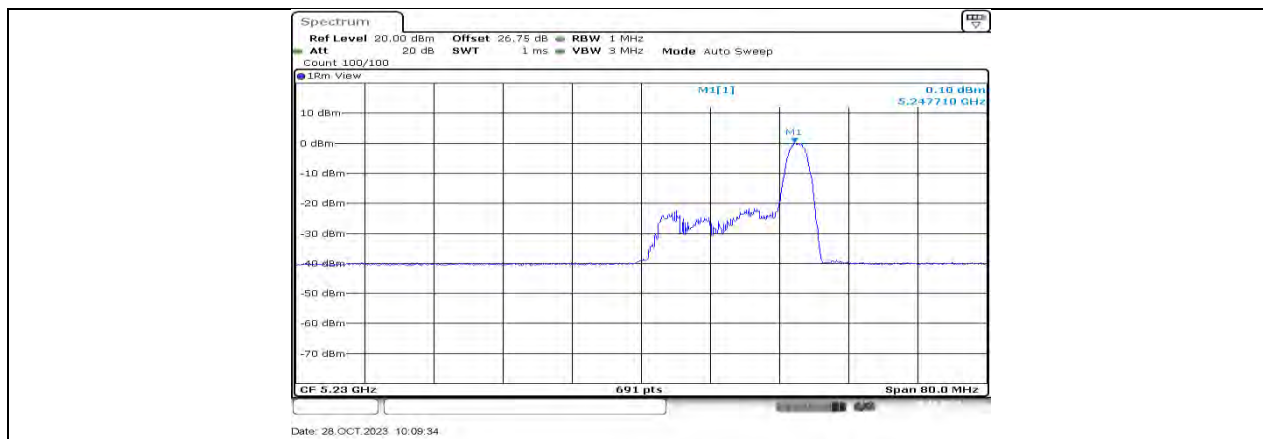
Date: 28.OCT.2023 10:09:20

11AX40MIMO_Ant0_5230_26Tone_RU17



Date: 28.OCT.2023 10:32:10

11AX40MIMO_Ant0_5230_484Tone_RU65



11AX40MIMO Ant1 5230_26Tone_RU17



11AX40MIMO Ant1 5230_484Tone_RU65



11AX40MIMO Ant0 5270_26Tone_RU8

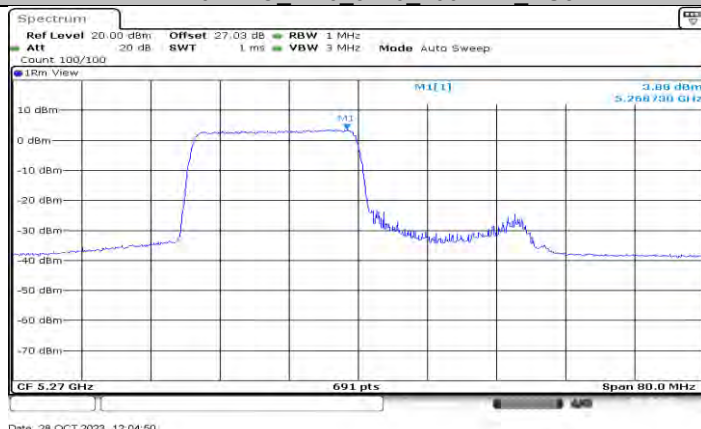


11AX40MIMO_Ant0_5270_52Tone_RU40



Date: 28.OCT.2023 11:52:16

11AX40MIMO_Ant0_5270_106Tone_RU54



Date: 28.OCT.2023 12:04:50

11AX40MIMO_Ant0_5270_242Tone_RU61



Date: 28.OCT.2023 12:09:34

11AX40MIMO_Ant0_5270_484Tone_RU65



11AX40MIMO Ant1 5270 26Tone RU8



11AX40MIMO Ant1 5270 52Tone RU40



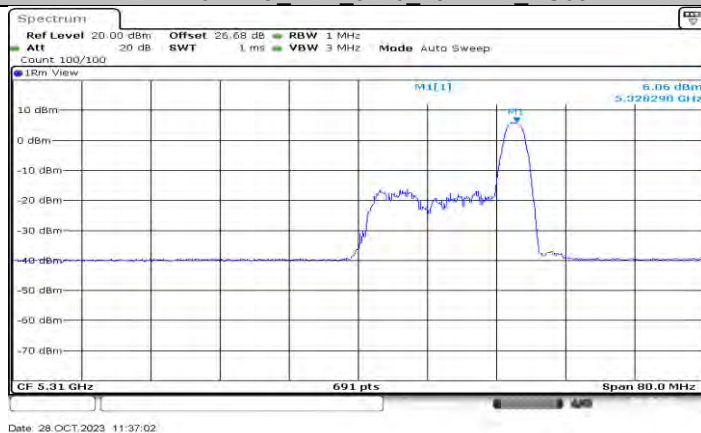
11AX40MIMO Ant1 5270 106Tone RU54



11AX40MIMO_Ant1_5270_242Tone_RU61



11AX40MIMO_Ant1_5270_484Tone_RU65



11AX40MIMO_Ant0_5310_26Tone_RU17



11AX40MIMO_Ant0_5310_484Tone_RU65



11AX40MIMO Ant1 5310_26Tone_RU17

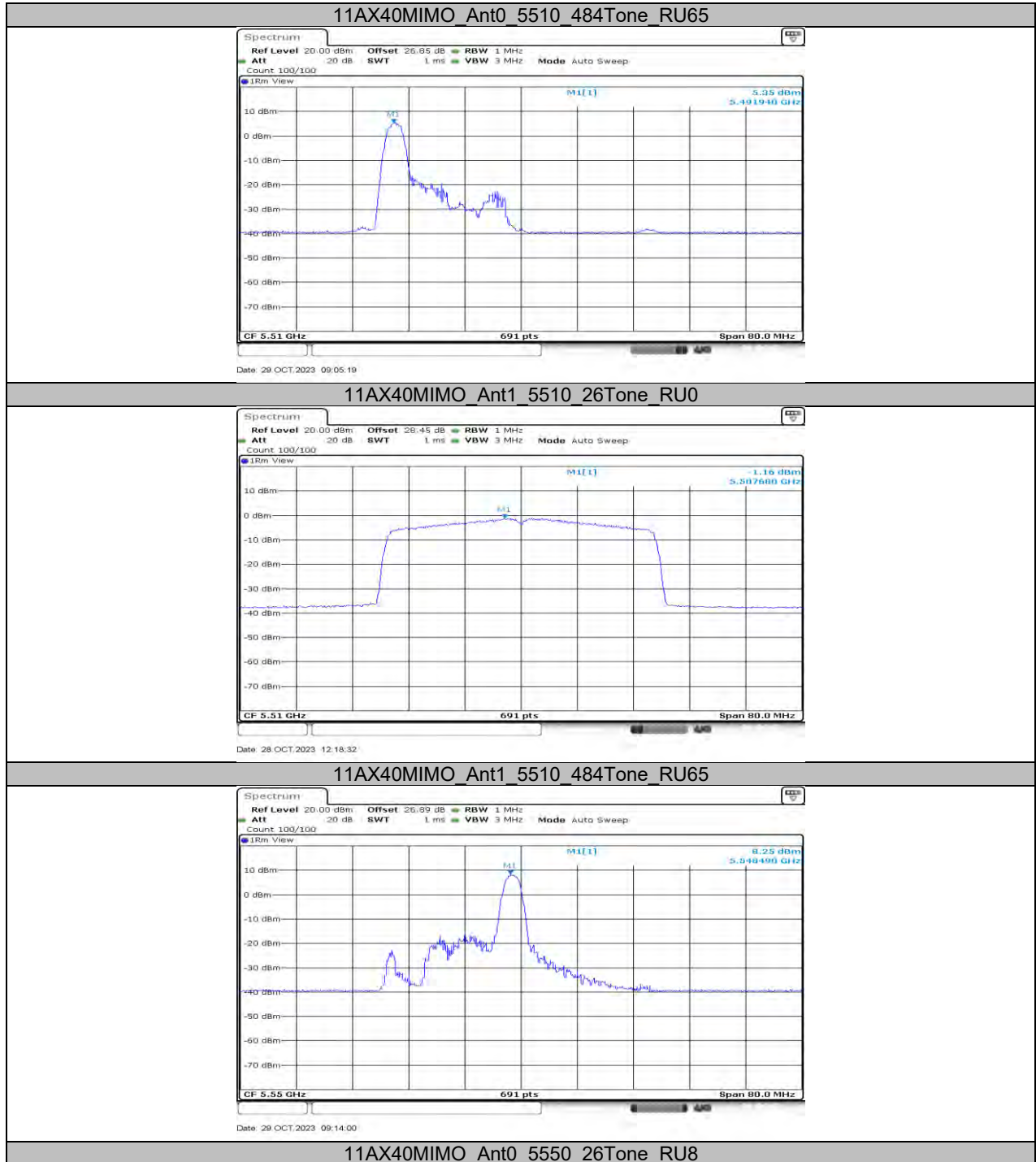


11AX40MIMO Ant1 5310_484Tone_RU65



11AX40MIMO Ant0 5510_26Tone_RU0







11AX40MIMO Ant0 5550 52Tone RU40

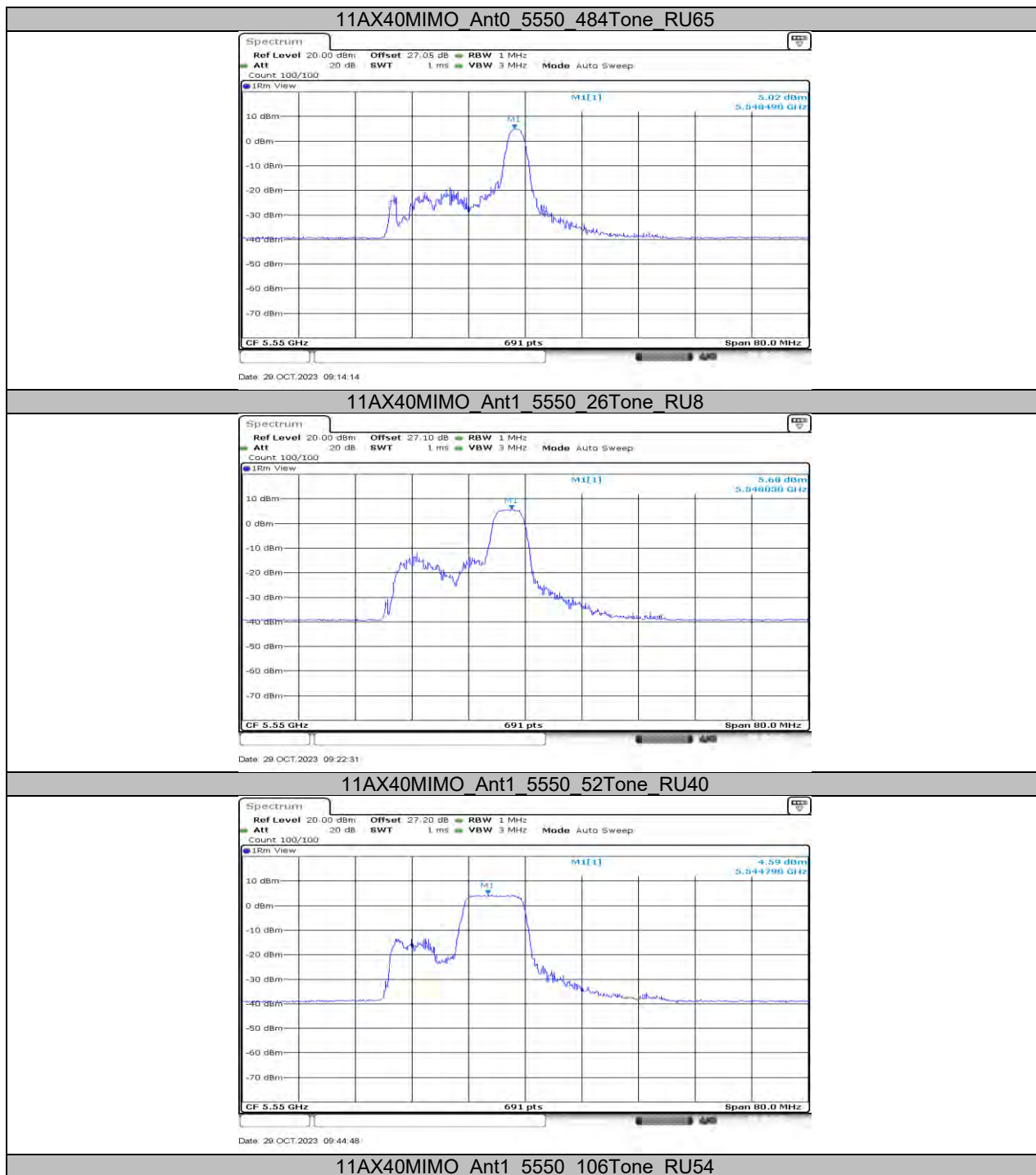


11AX40MIMO Ant0 5550 106Tone RU54



11AX40MIMO Ant0 5550 242Tone RU61







11AX40MIMO_Ant1_5550_242Tone_RU61

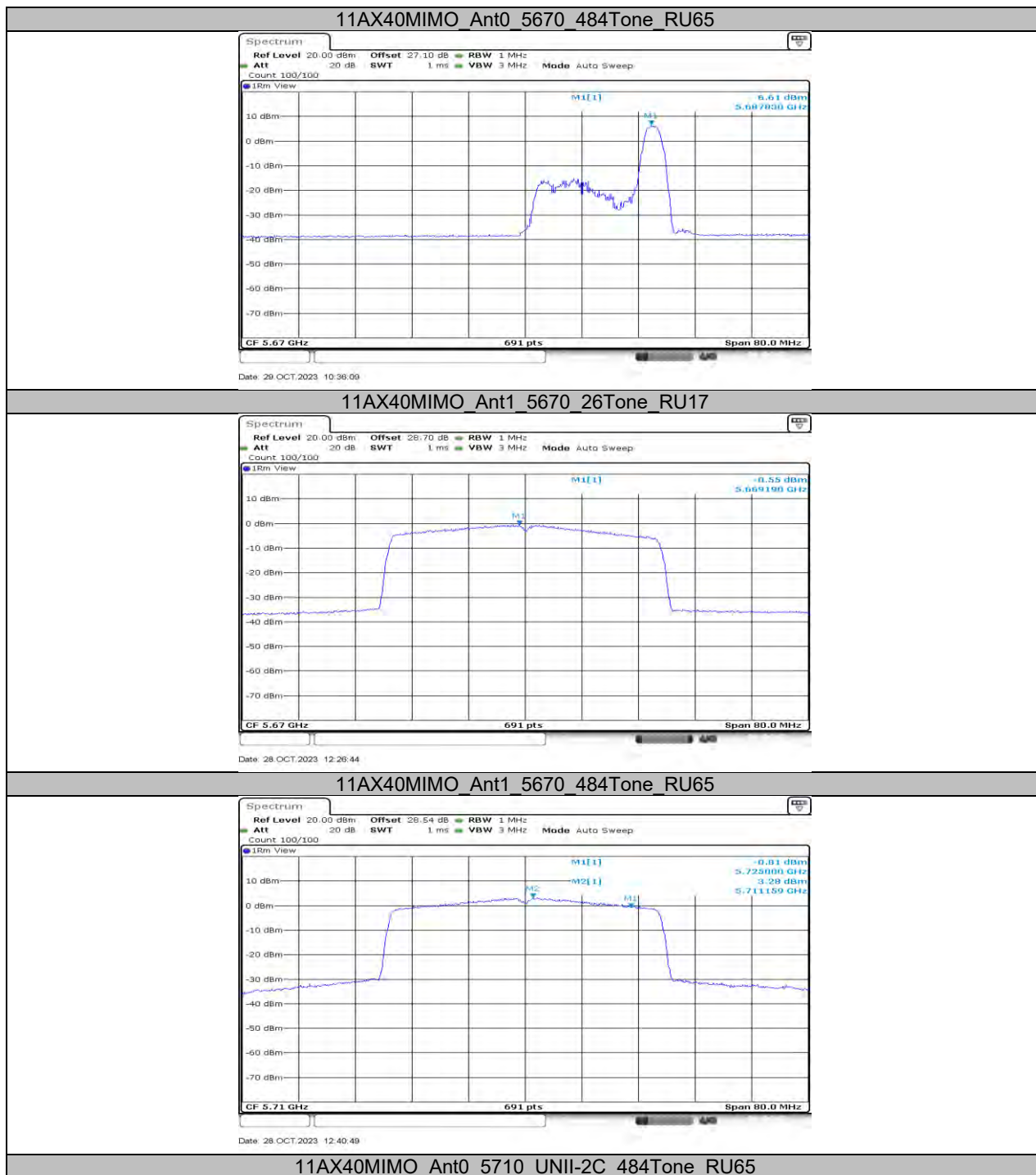


11AX40MIMO_Ant1_5550_484Tone_RU65



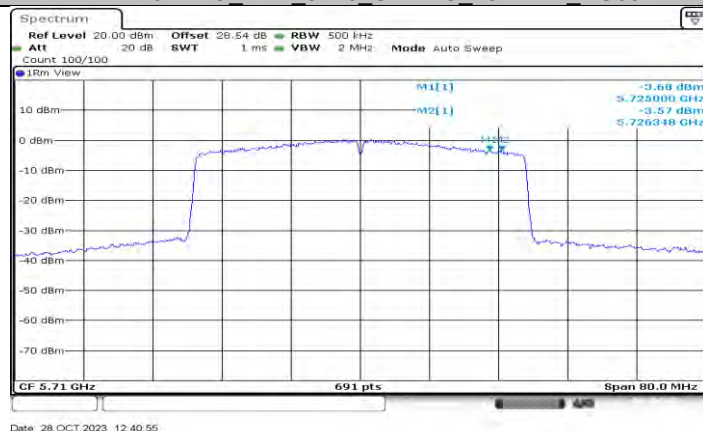
11AX40MIMO_Ant0_5670_26Tone_RU17







11AX40MIMO_Ant1_5710_UNII-2C_484Tone_RU65

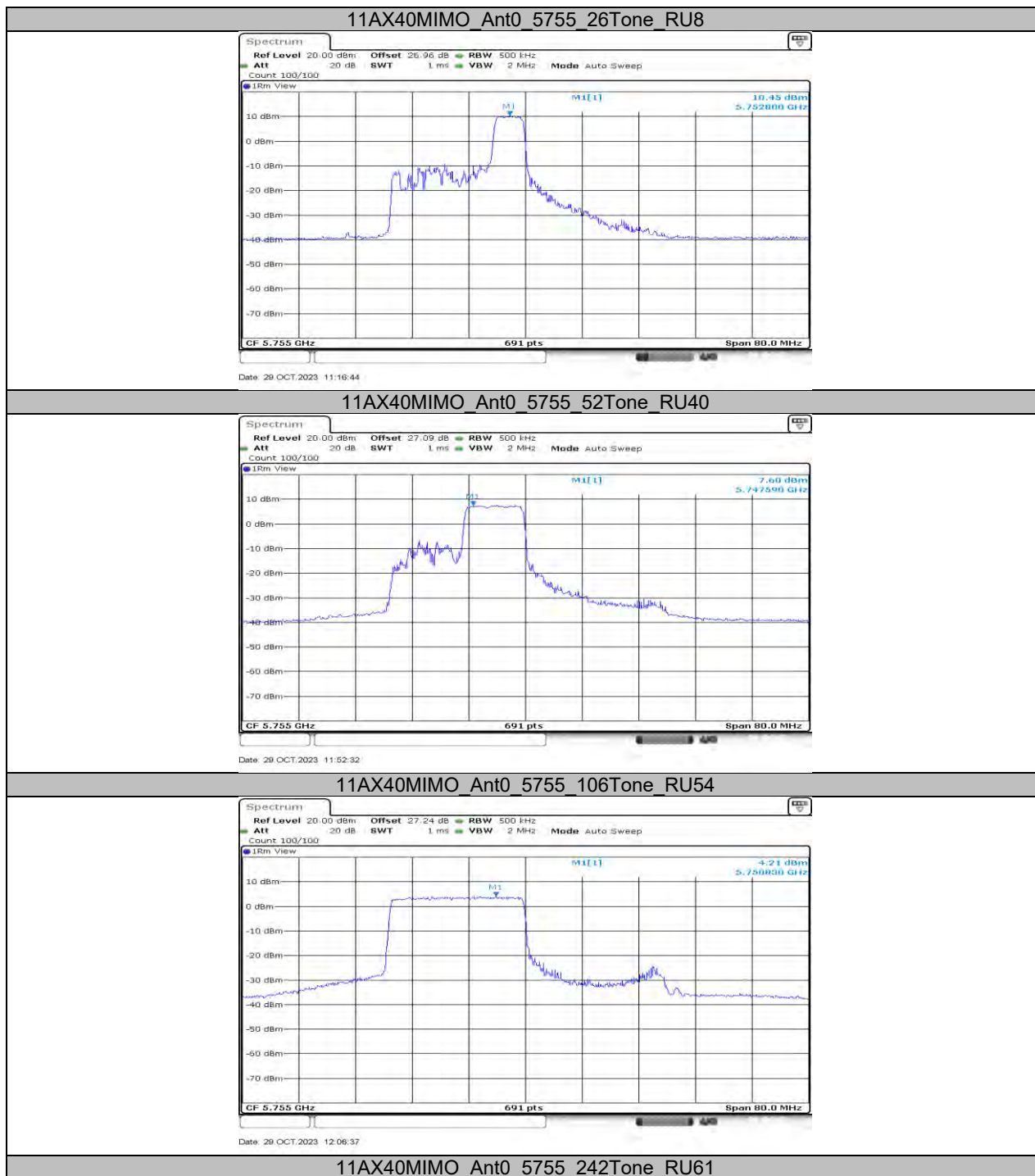


11AX40MIMO_Ant0_5710_UNII-3_484Tone_RU65



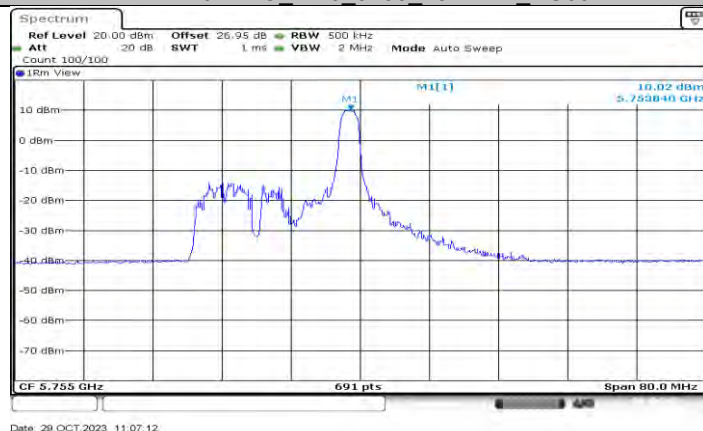
11AX40MIMO_Ant1_5710_UNII-3_484Tone_RU65







11AX40MIMO_Ant0_5755_484Tone_RU65



11AX40MIMO_Ant1_5755_26Tone_RU8



11AX40MIMO_Ant1_5755_52Tone_RU40



11AX40MIMO_Ant1_5755_106Tone_RU54



11AX40MIMO_Ant1_5755_242Tone_RU61



11AX40MIMO_Ant1_5755_484Tone_RU65



11AX40MIMO_Ant0_5795_26Tone_RU17



11AX40MIMO_Ant0_5795_484Tone_RU65

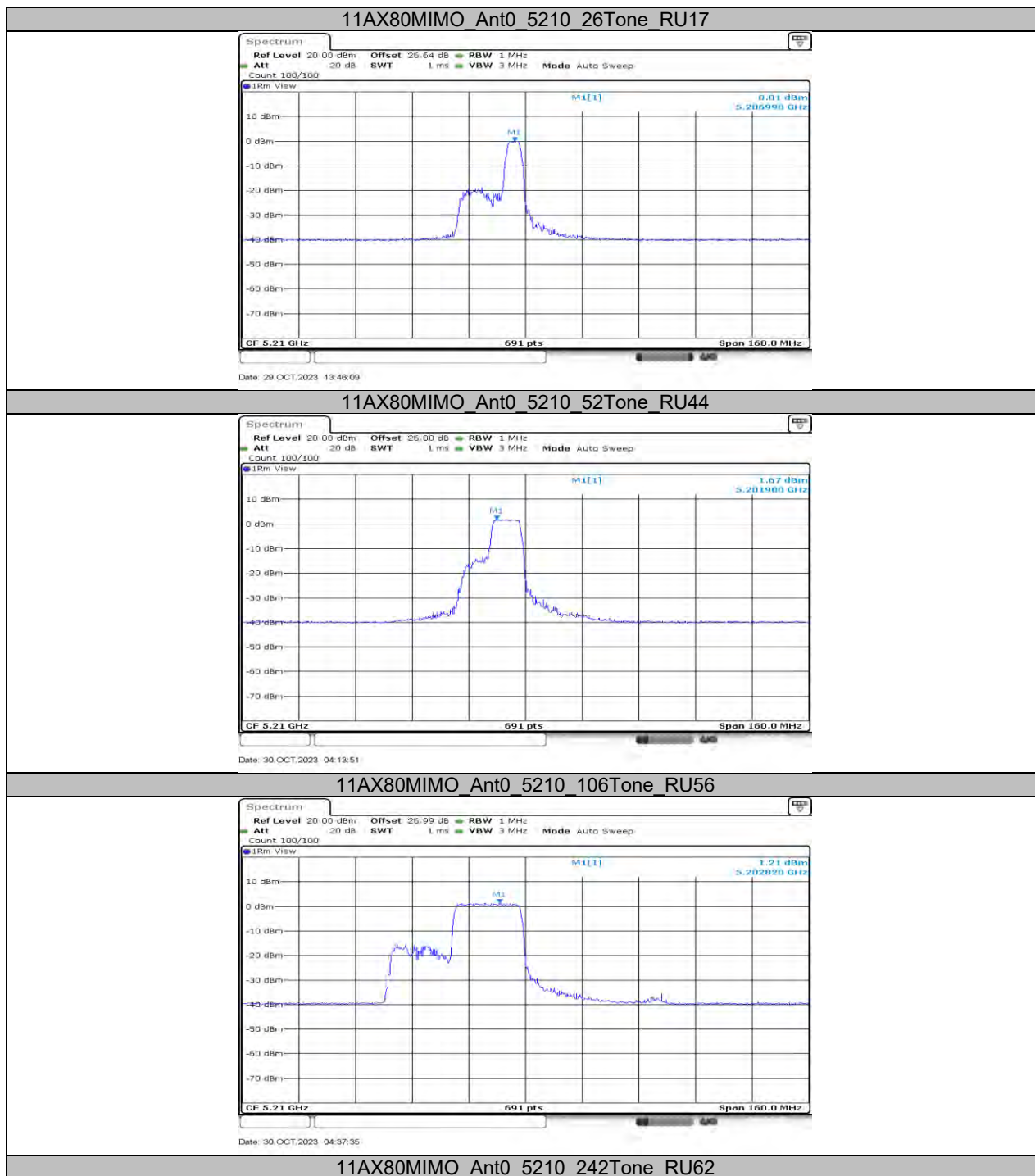


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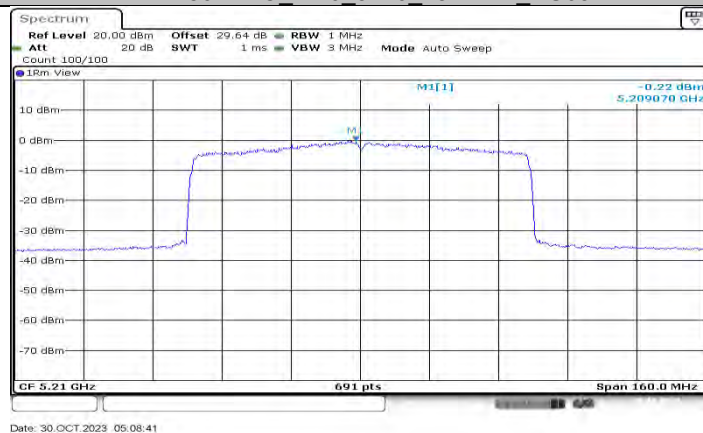
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11AX80MIMO_Ant0_5210_484Tone_RU65

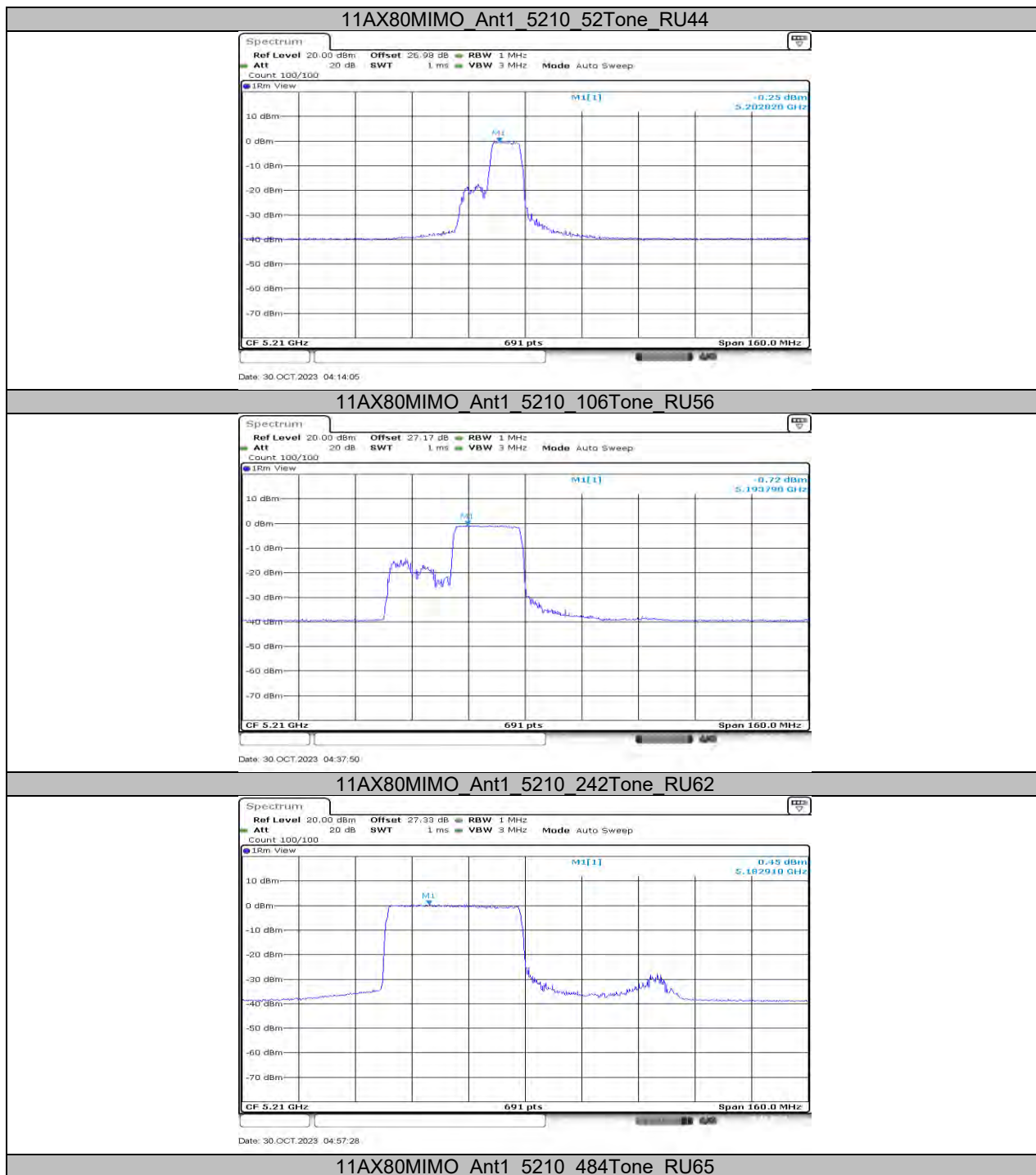


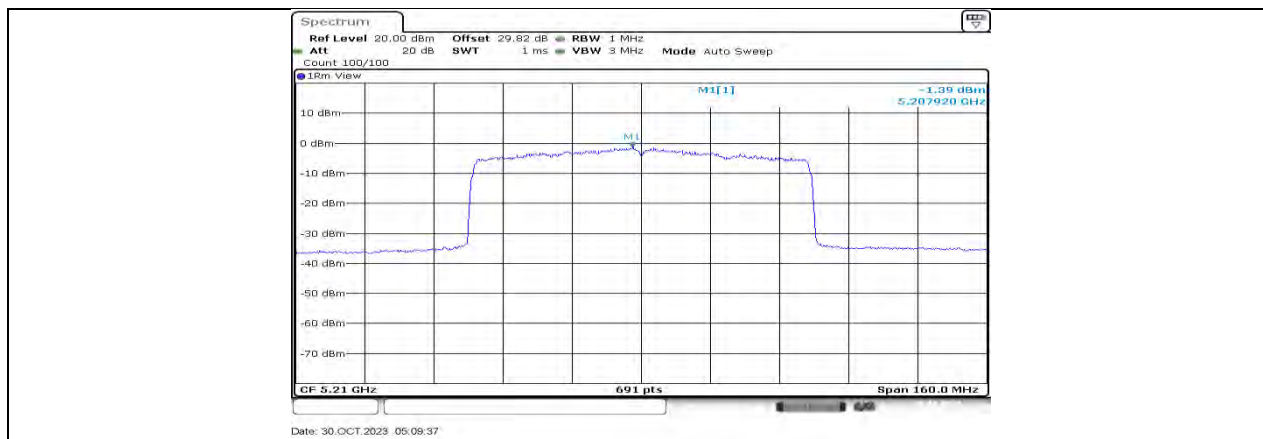
11AX80MIMO_Ant0_5210_996Tone_RU67



11AX80MIMO_Ant1_5210_26Tone_RU17



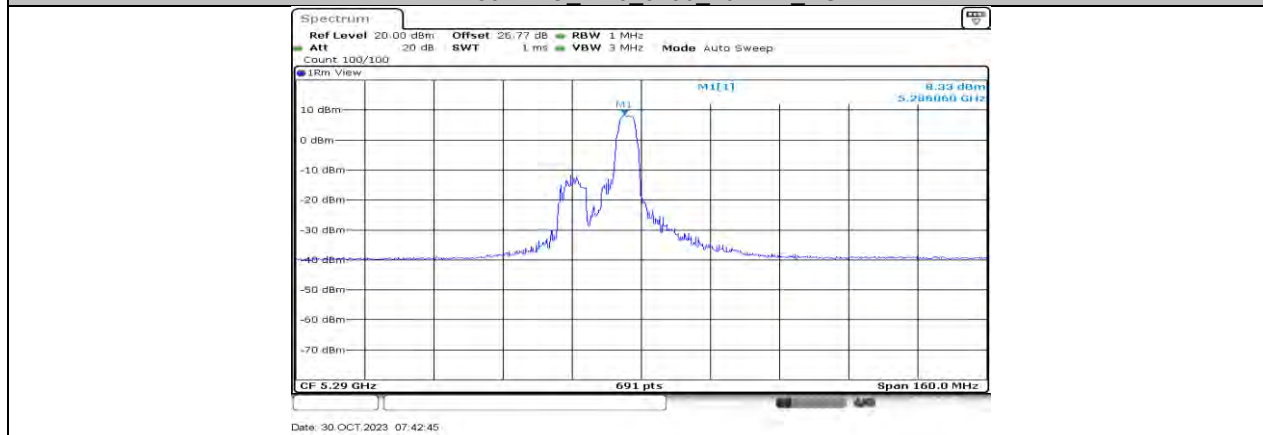




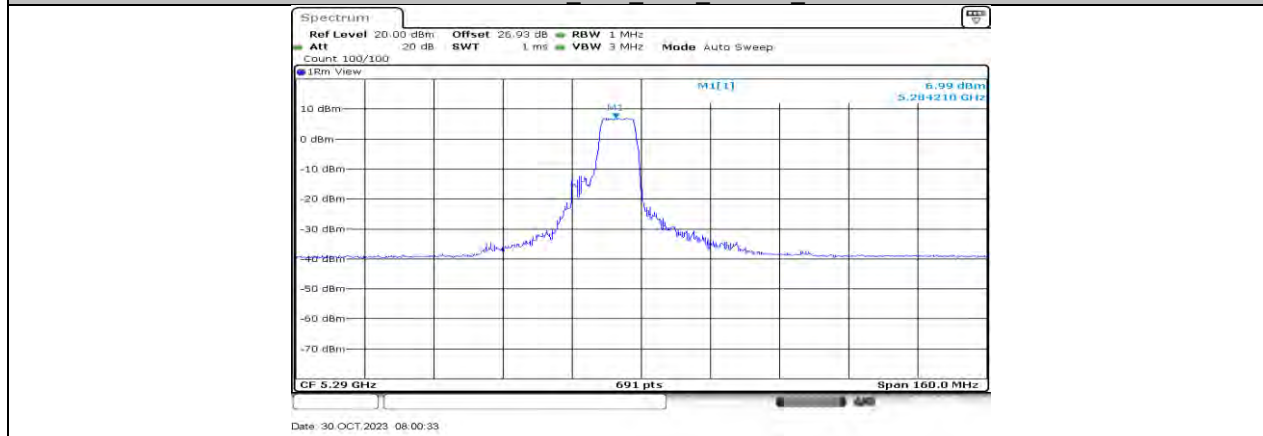
11AX80MIMO_Ant1_5210_996Tone_RU67

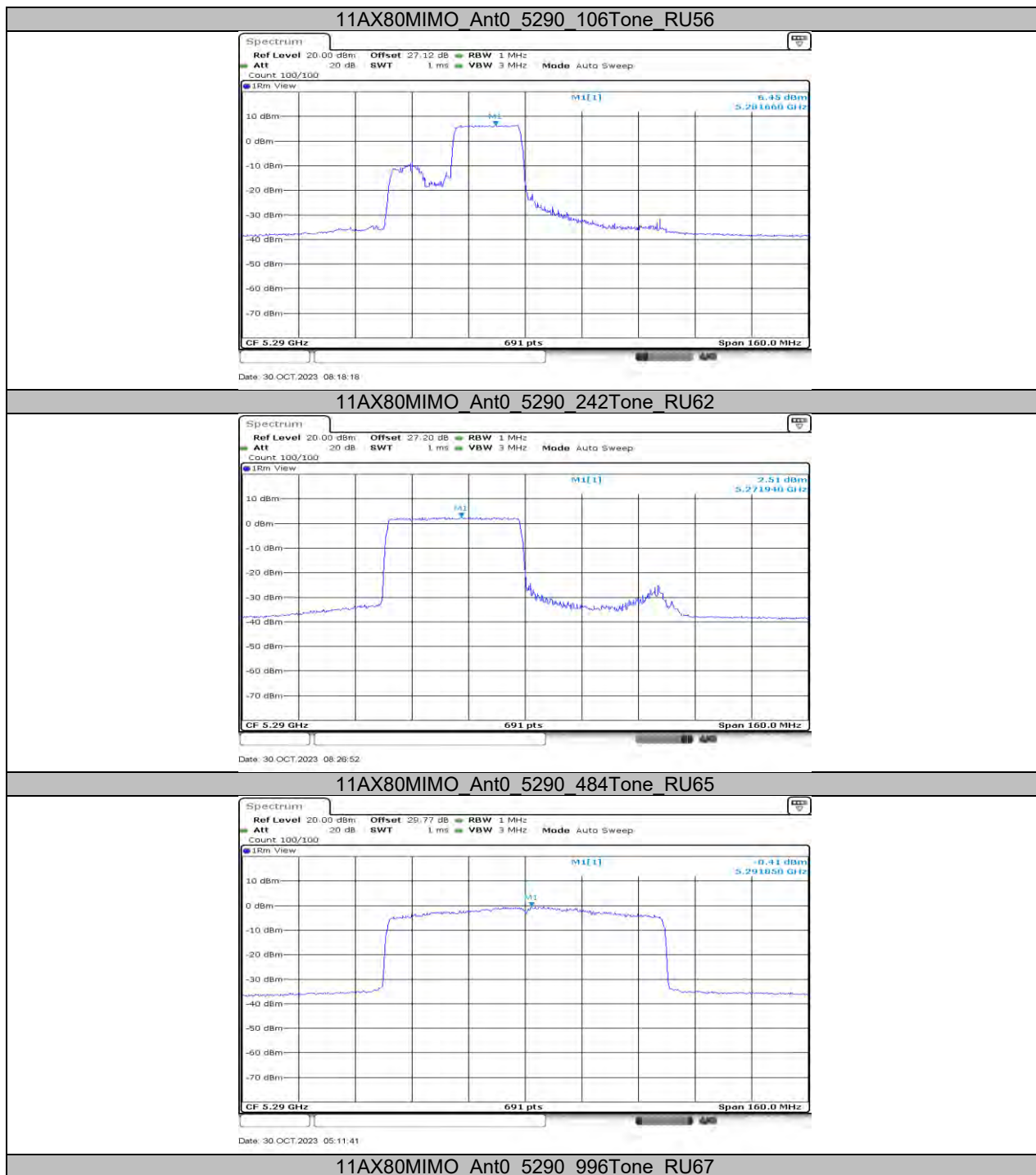


11AX80MIMO_Ant0_5290_26Tone_RU17



11AX80MIMO_Ant0_5290_52Tone_RU44







11AX80MIMO Ant1 5290 26Tone RU17

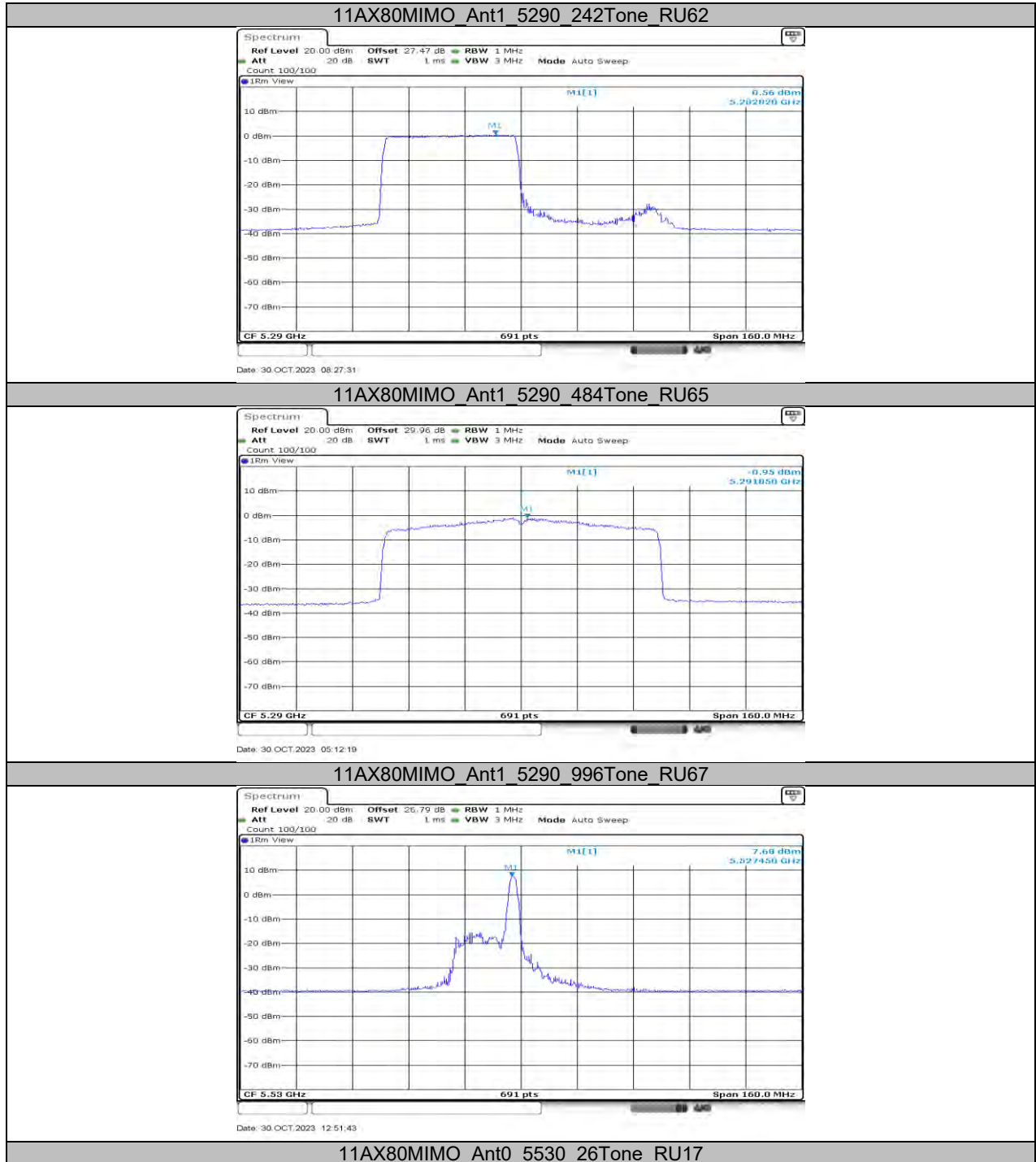


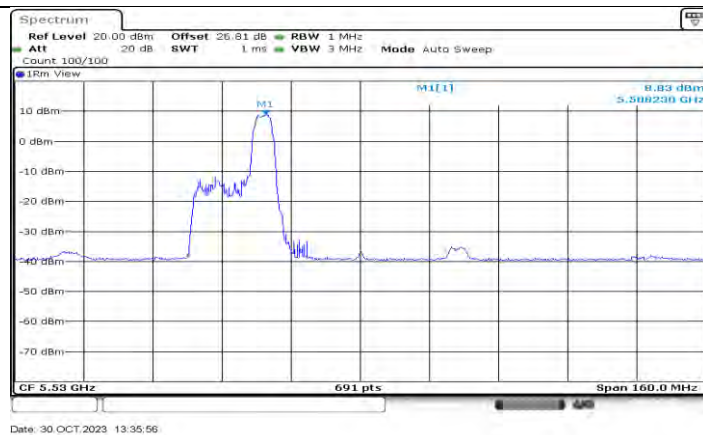
11AX80MIMO Ant1 5290 52Tone RU44



11AX80MIMO Ant1 5290 106Tone RU56



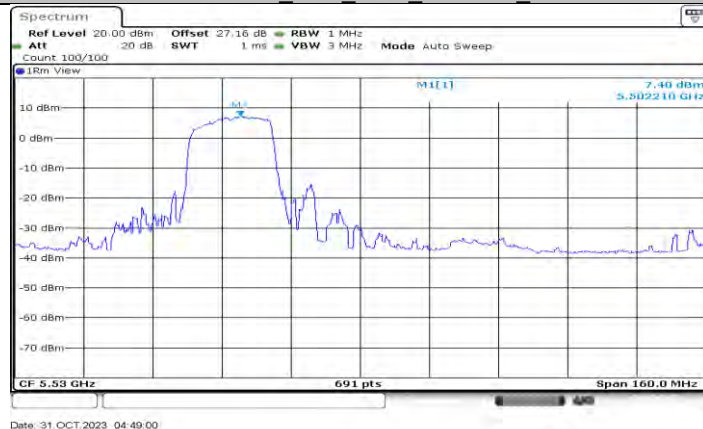




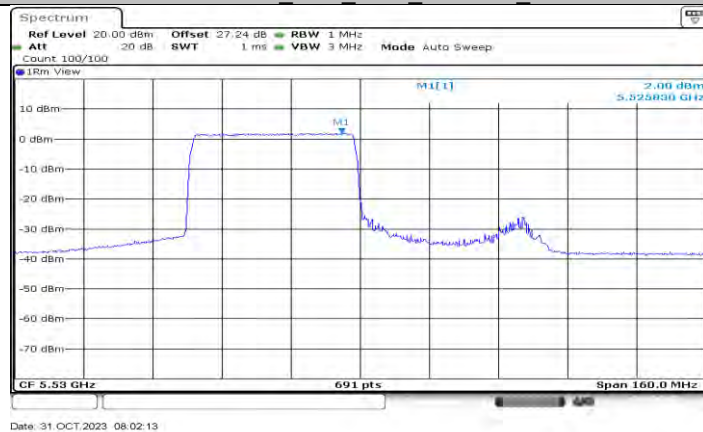
11AX80MIMO Ant0 5530 52Tone RU44

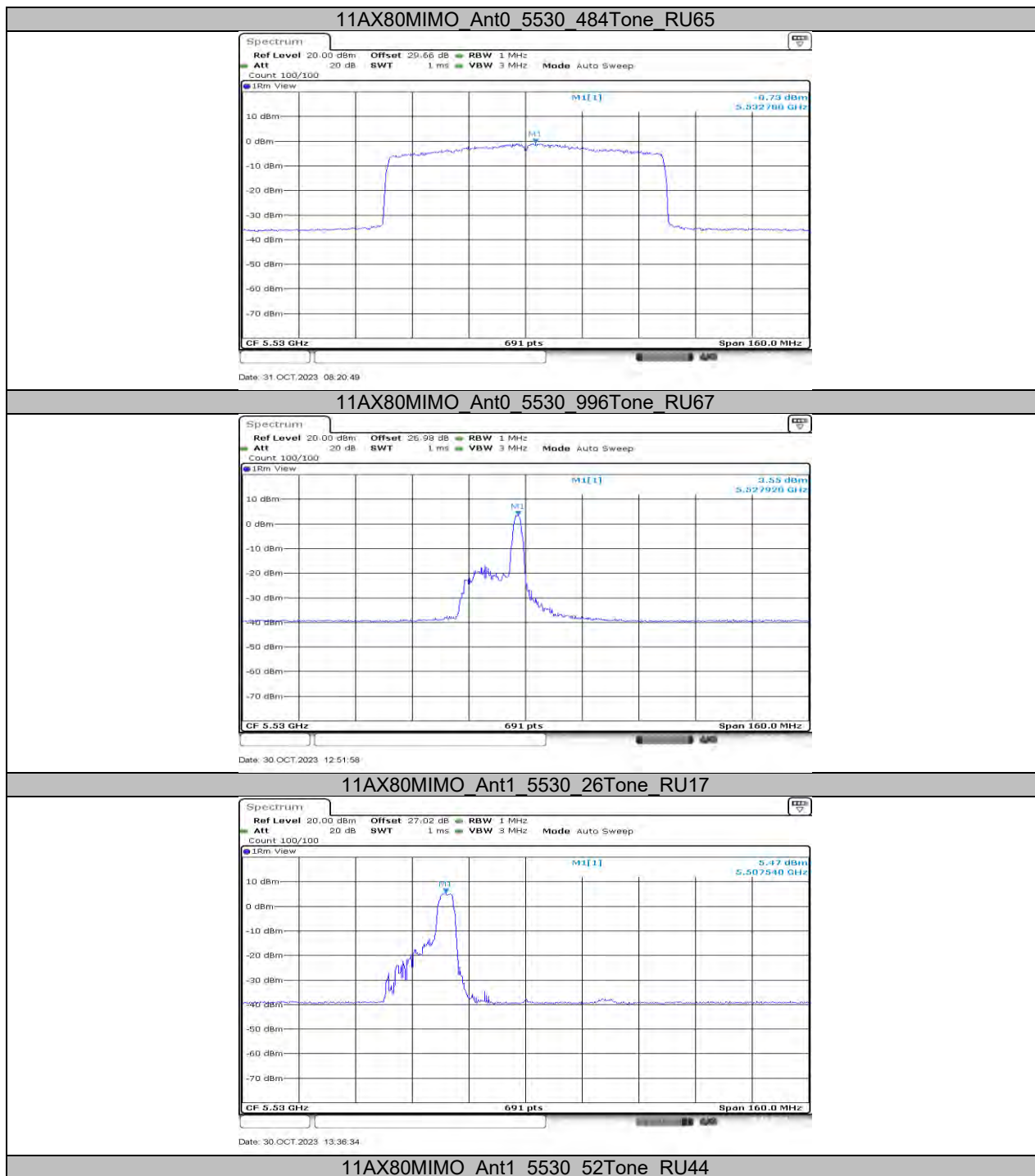


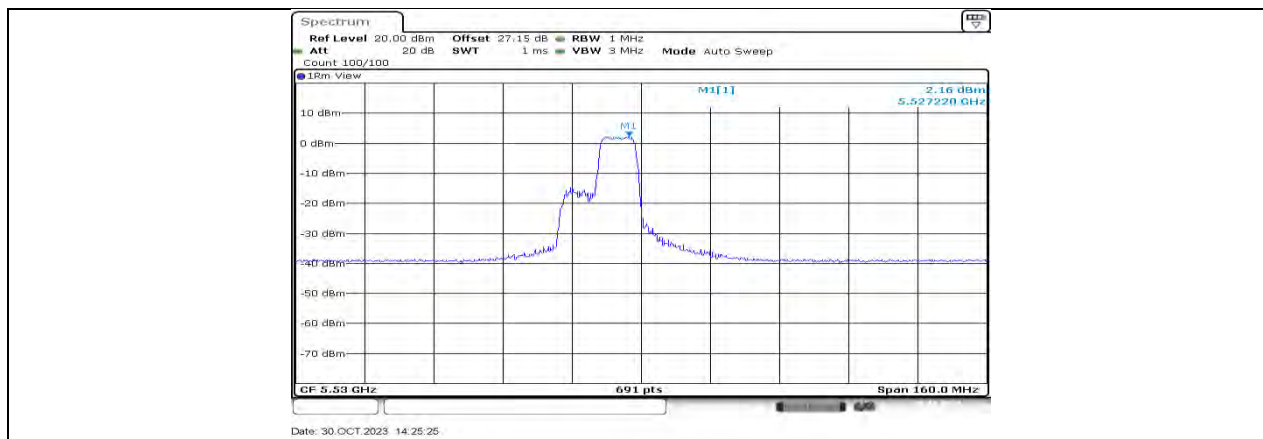
11AX80MIMO Ant0 5530 106Tone RU56



11AX80MIMO Ant0 5530 242Tone RU62







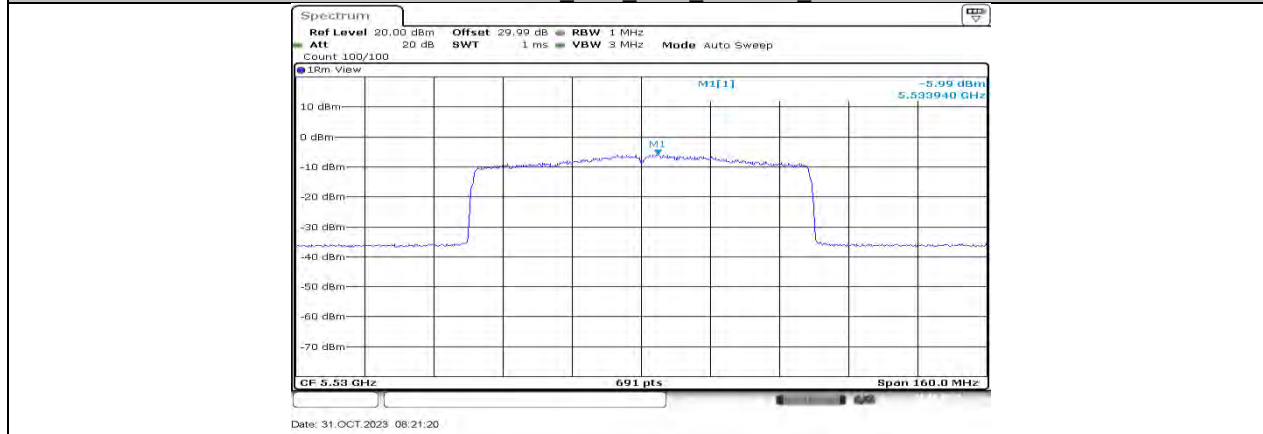
11AX80MIMO Ant1 5530 106Tone RU56

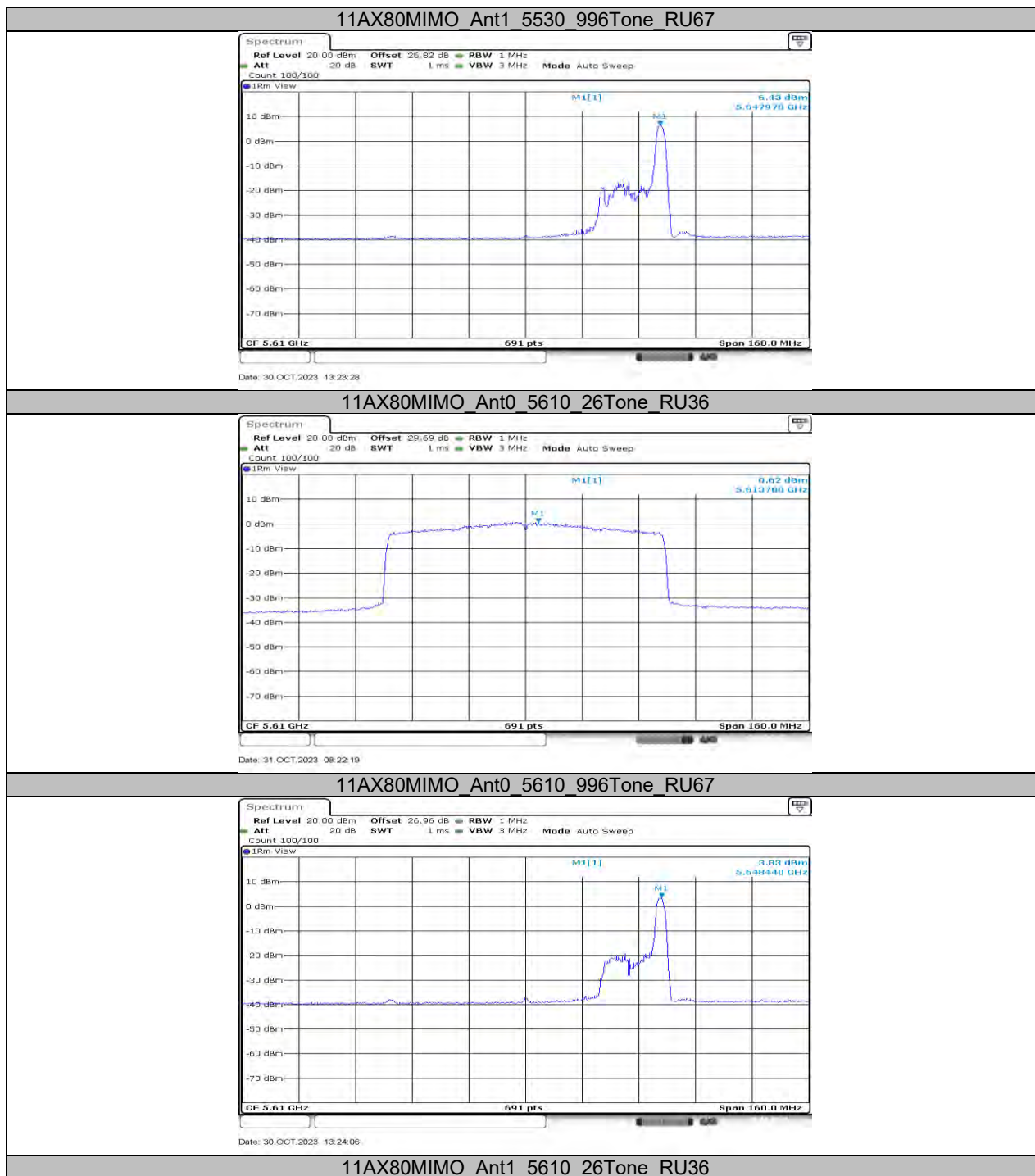


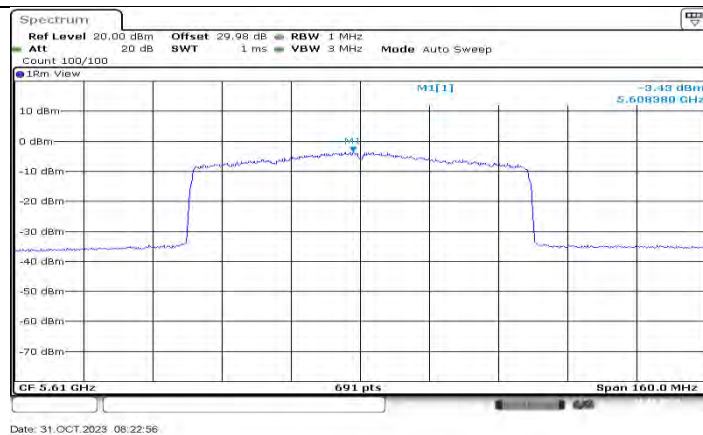
11AX80MIMO Ant1 5530 242Tone RU62



11AX80MIMO Ant1 5530 484Tone RU65







11AX80MIMO Ant1 5610 996Tone RU67



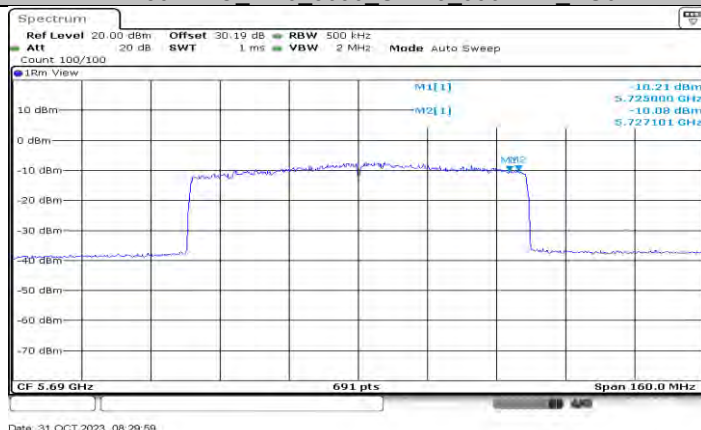
11AX80MIMO Ant0 5690 UNII-2C 996Tone RU67



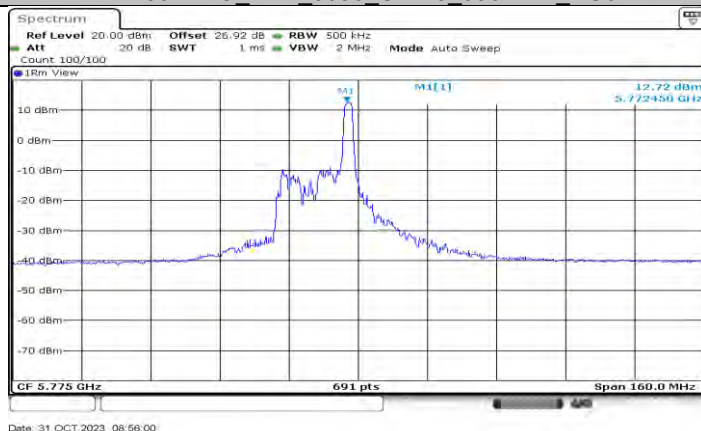
11AX80MIMO Ant1 5690 UNII-2C 996Tone RU67



11AX80MIMO_Ant0_5690_UNII-3_996Tone_RU67



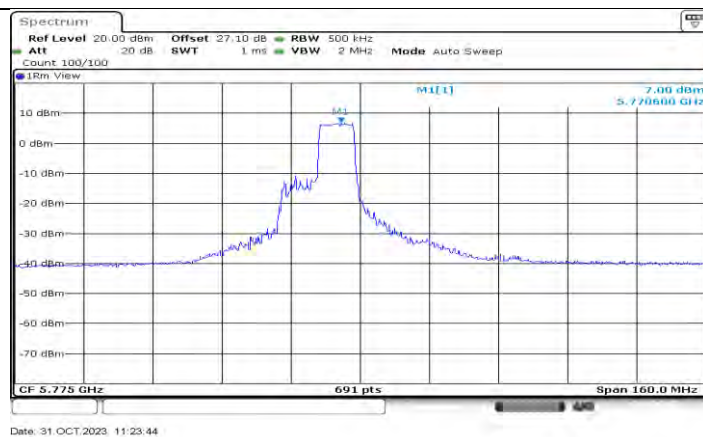
11AX80MIMO_Ant1_5690_UNII-3_996Tone_RU67



11AX80MIMO_Ant0_5775_26Tone_RU17



11AX80MIMO_Ant0_5775_52Tone_RU44



11AX80MIMO Ant0 5775 106Tone RU56



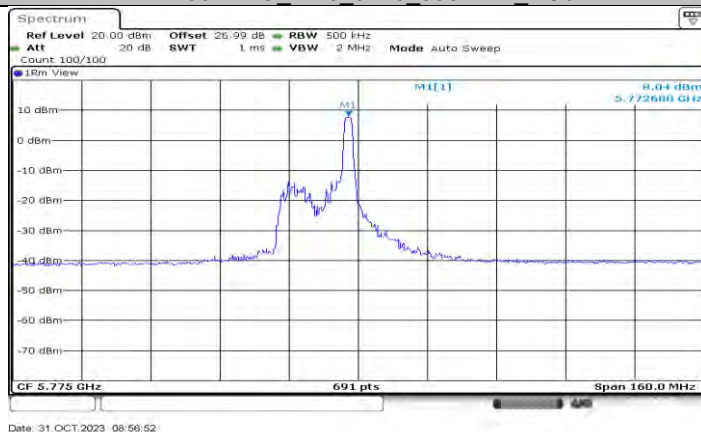
11AX80MIMO Ant0 5775 242Tone RU62



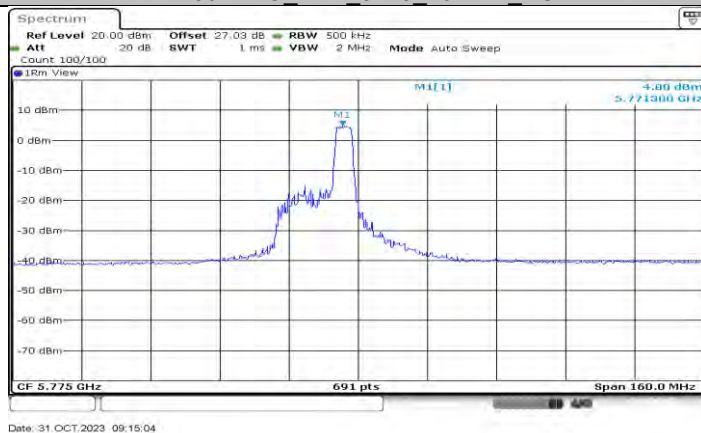
11AX80MIMO Ant0 5775 484Tone RU65



11AX80MIMO_Ant0_5775_996Tone_RU67



11AX80MIMO_Ant1_5775_26Tone_RU17



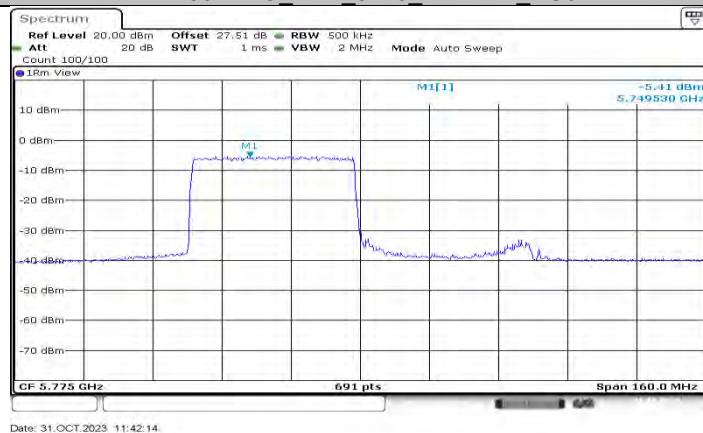
11AX80MIMO_Ant1_5775_52Tone_RU44



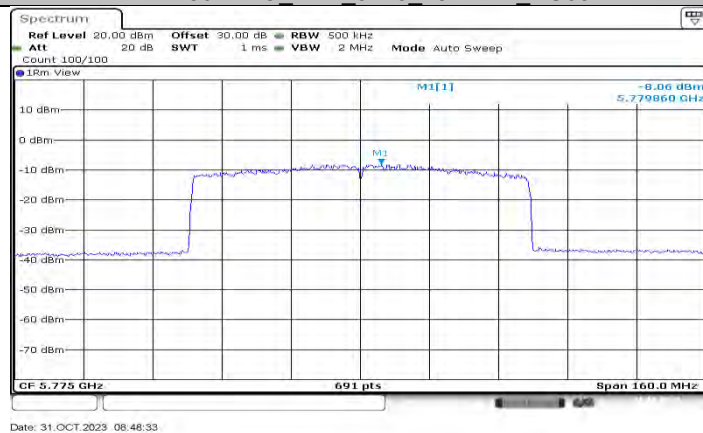
11AX80MIMO_Ant1_5775_106Tone_RU56



11AX80MIMO_Ant1_5775_242Tone_RU62



11AX80MIMO_Ant1_5775_484Tone_RU65



11AX80MIMO_Ant1_5775_996Tone_RU67

11.11. APPENDIX F: FREQUENCY STABILITY

11.11.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5199.9935	-1.25	5199.9969	-0.59	5200.0133	2.57	5199.9949	-0.98
TN	VN	5199.9795	-3.94	5200.0007	0.14	5199.9888	-2.16	5200.0137	2.64
TN	VH	5199.9898	-1.96	5199.9812	-3.62	5199.9827	-3.33	5200.0230	4.43
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
50	VN	5199.9758	-4.65	5200.0063	1.20	5200.0074	1.42	5199.9994	-0.12
40	VN	5199.9778	-4.27	5199.9825	-3.36	5199.9837	-3.14	5199.9896	-2.00
30	VN	5200.0167	3.22	5200.0224	4.30	5200.0215	4.13	5199.9872	-2.47
20	VN	5200.0094	1.82	5200.0085	1.64	5199.9993	-0.13	5200.0215	4.13
10	VN	5199.9763	-4.55	5199.9824	-3.39	5199.9941	-1.13	5200.0170	3.27
0	VN	5200.0070	1.35	5199.9957	-0.83	5199.9844	-3.00	5200.0109	2.09
-10	VN	5200.0093	1.79	5200.0161	3.11	5200.0035	0.67	5199.9903	-1.86
-20	VN	5199.9996	-0.08	5199.9965	-0.68	5200.0044	0.85	5199.9811	-3.64

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.12. APPENDIX G: DUTY CYCLE

11.12.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.39	1.83	0.7596	75.96	1.19	0.72	1
11N20MIMO	1.30	1.74	0.7471	74.71	1.27	0.77	1
11N40MIMO	0.65	1.07	0.6075	60.75	2.16	1.54	2
11AC80MIMO	0.32	0.76	0.4211	42.11	3.76	3.13	4

Test Mode	Ru Size	Ru Index	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11AX20MIMO	26Tone	RU4	1.6	2.01	0.7960	79.6	0.99	0.63	1
	52Tone	RU38	1.52	1.92	0.7917	79.17	1.01	0.66	1
	106Tone	RU53	1.39	1.82	0.7637	76.37	1.17	0.72	1
	242Tone	RU61	1.02	1.46	0.6986	69.86	1.56	0.98	1
11AX40MIMO	26Tone	RU0	1.6	2.01	0.7960	79.6	0.99	0.63	1
	52Tone	RU37	1.6	2.01	0.7960	79.6	0.99	0.63	1
	106Tone	RU53	1.51	1.92	0.7865	78.65	1.04	0.66	1
	242Tone	RU61	1.39	1.82	0.7637	76.37	1.17	0.72	1
	484Tone	RU65	0.65	1.12	0.5804	58.04	2.36	1.54	2
11AX80MIMO	26Tone	RU0	1.59	2	0.7950	79.5	1.00	0.63	1
	52Tone	RU37	1.6	2.01	0.7960	79.06	0.99	0.63	1
	106Tone	RU53	1.52	1.92	0.7917	76.17	1.01	0.66	1
	242Tone	RU61	1.39	1.82	0.7637	76.37	1.17	0.72	1
	484Tone	RU65	1.2	1.67	0.7186	71.86	1.44	0.83	1
	996Tone	RU67	0.29	0.73	0.3973	39.73	4.01	3.45	4

Note:

Duty Cycle Correction Factor=10log (1/x).

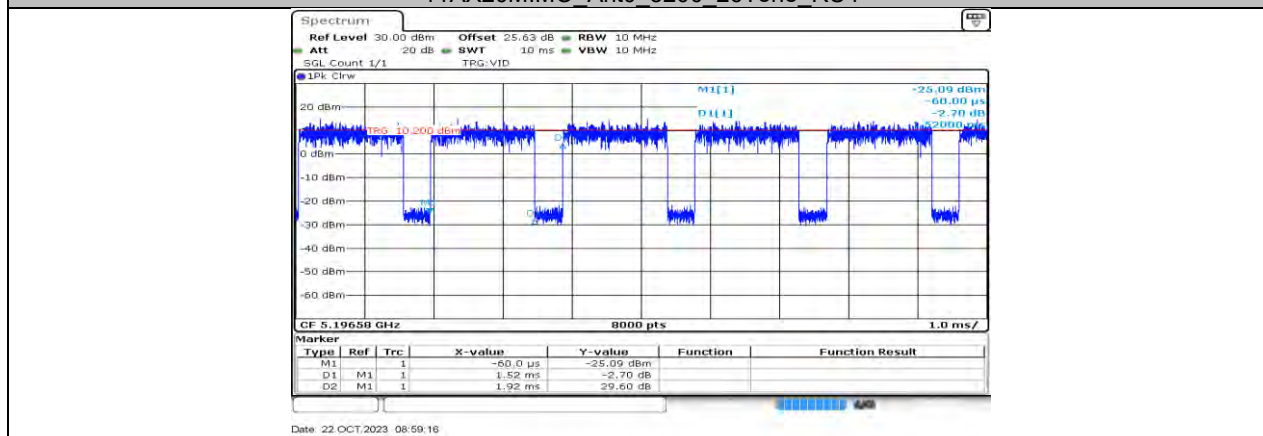
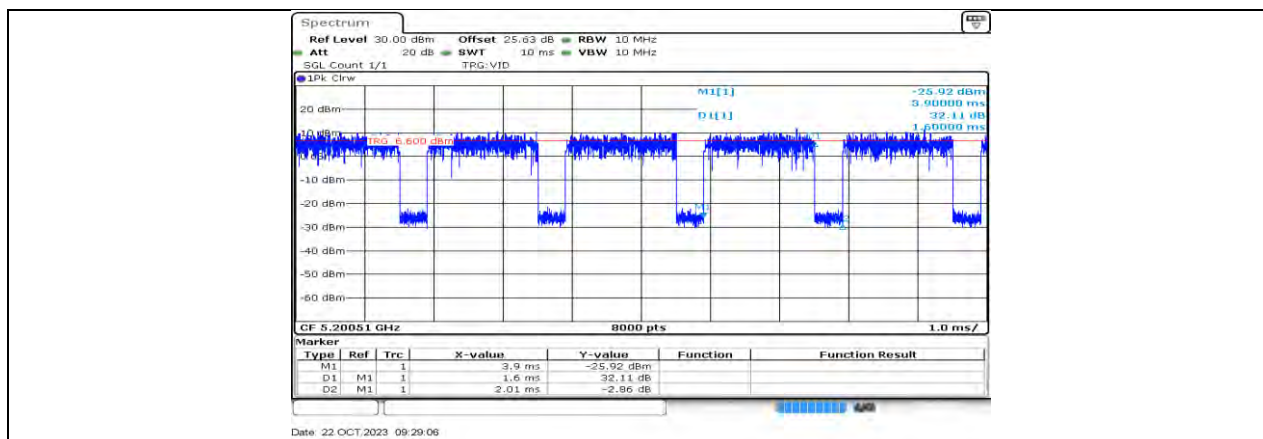
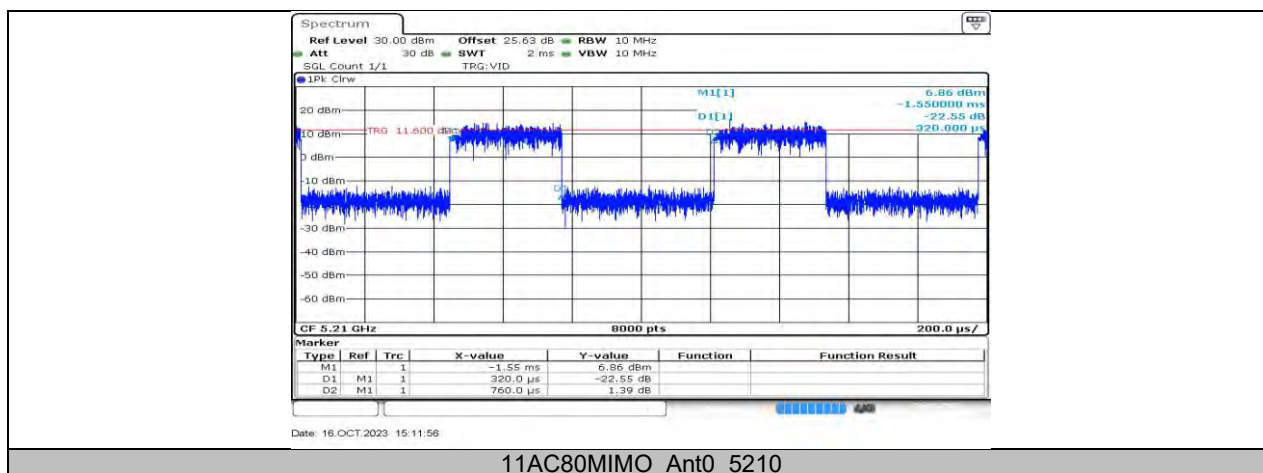
Where: x is Duty Cycle (Linear)

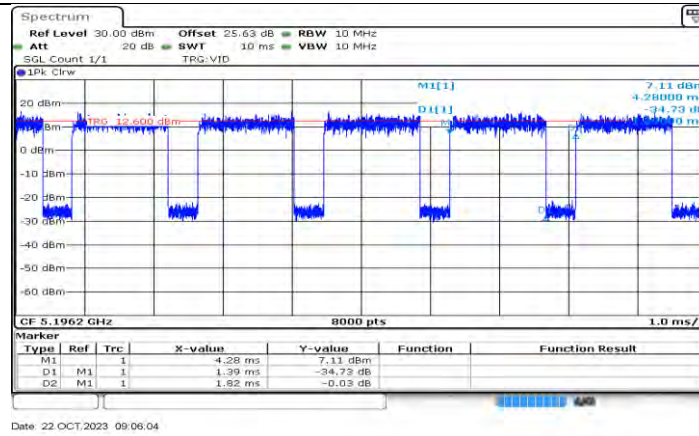
Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

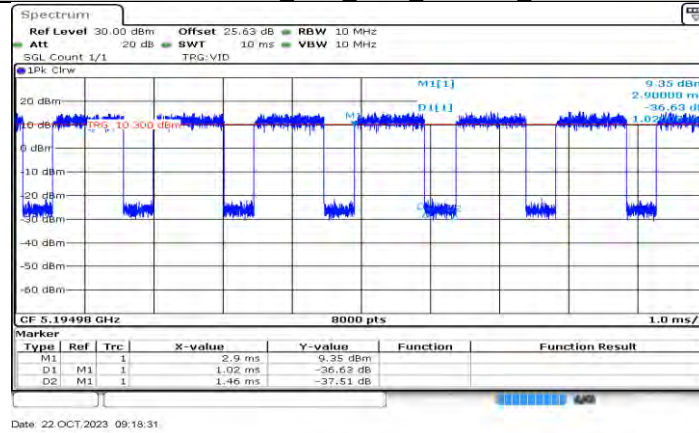
11.12.2. Test Graphs



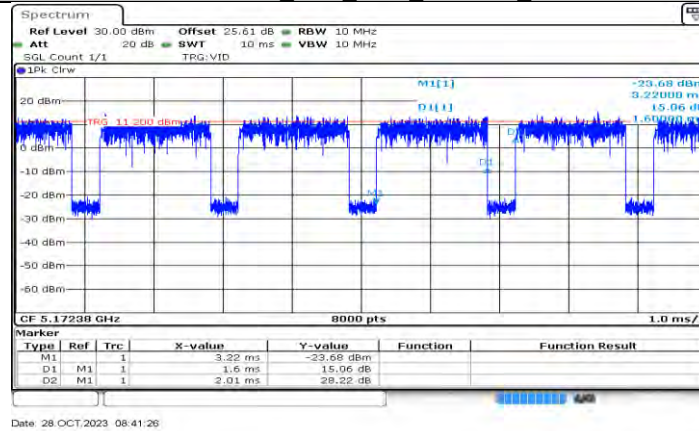




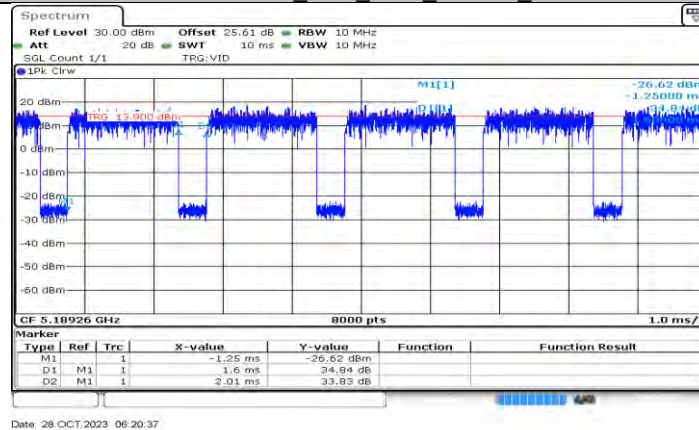
11AX20MIMO_Ant0_5200_106Tone_RU53



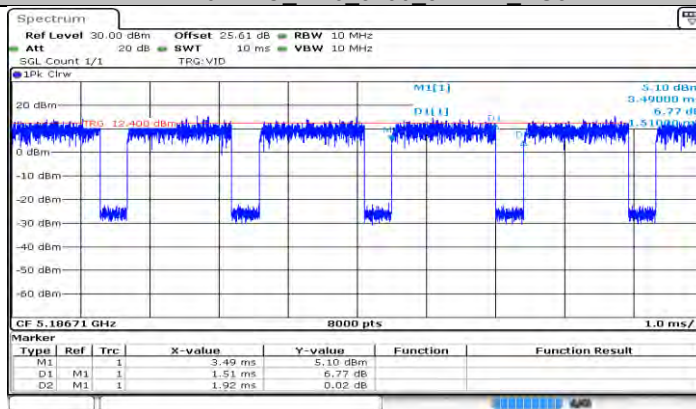
11AX20MIMO_Ant0_5200_242Tone_RU61



11AX40MIMO_Ant0_5190_26Tone_RU0

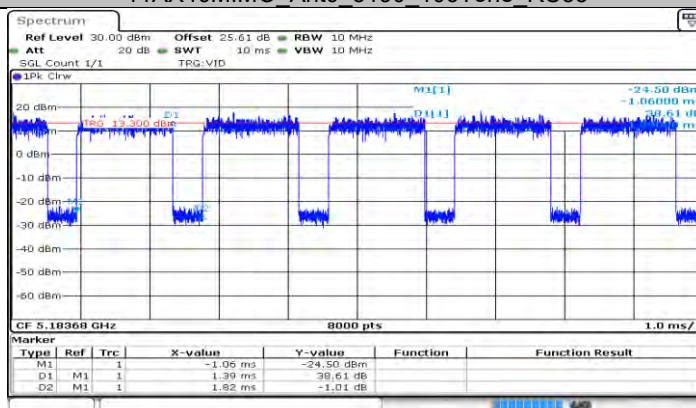


11AX40MIMO_Ant0_5190_52Tone_RU37



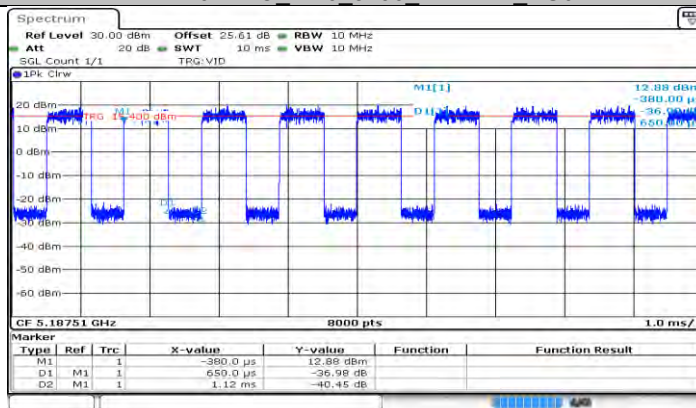
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11AX40MIMO_Ant0_5190_106Tone_RU53



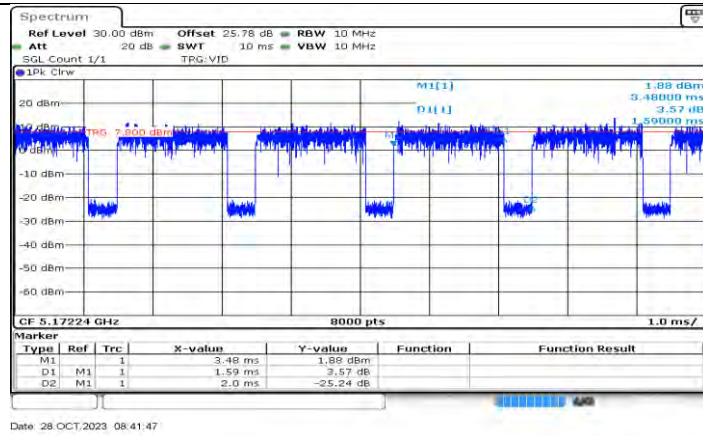
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11AX40MIMO_Ant0_5190_242Tone_RU61

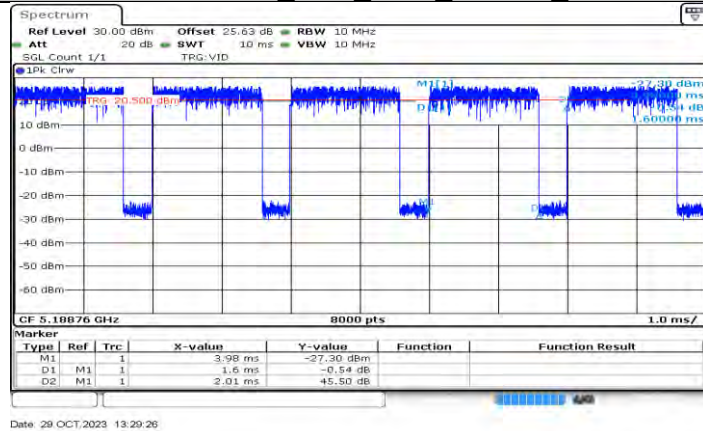


Date: 27.OCT.2023 05:59:08

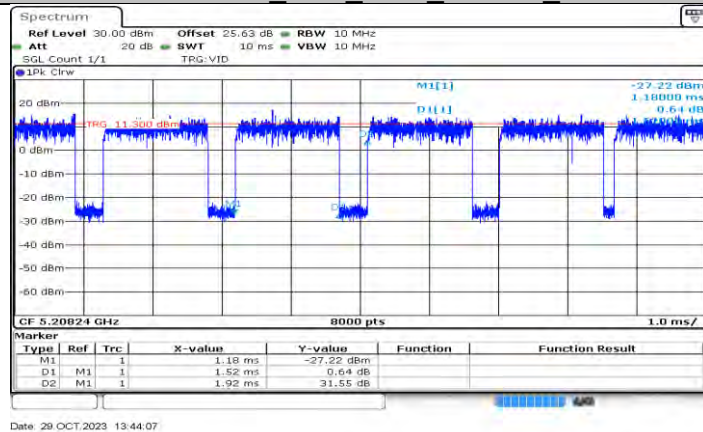
11AX40MIMO_Ant0_5190_484Tone_RU65



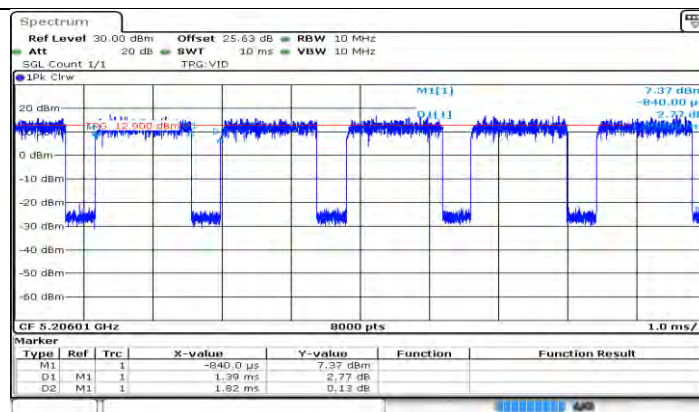
11AX80MIMO Ant0 5210 26Tone RU0



11AX80MIMO Ant0 5210 52Tone RU37

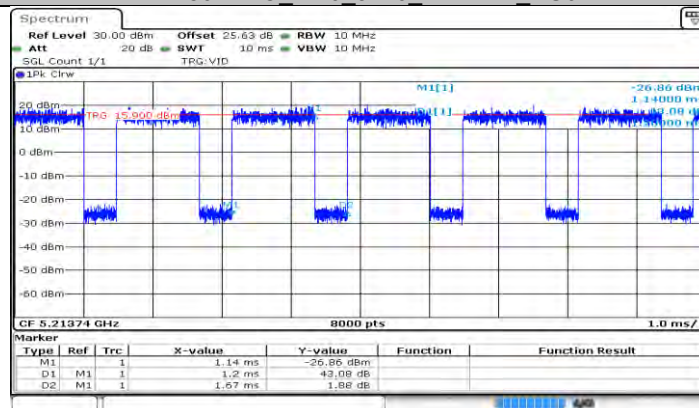


11AX80MIMO Ant0 5210 106Tone RU53



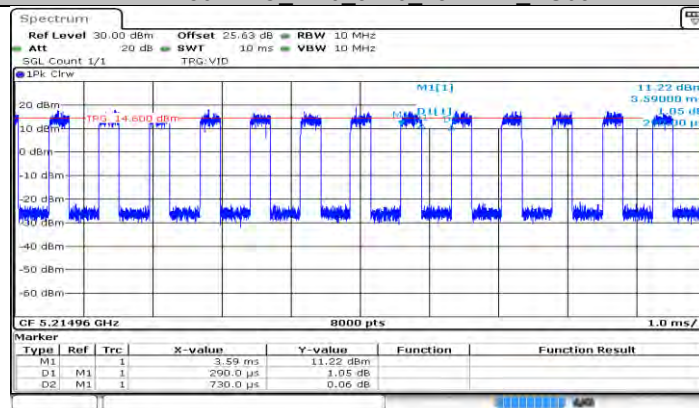
Date: 30.OCT.2023 04:11:16

11AX80MIMO_Ant0_5210_242Tone_RU61



Date: 30.OCT.2023 05:00:07

11AX80MIMO_Ant0_5210_484Tone_RU65



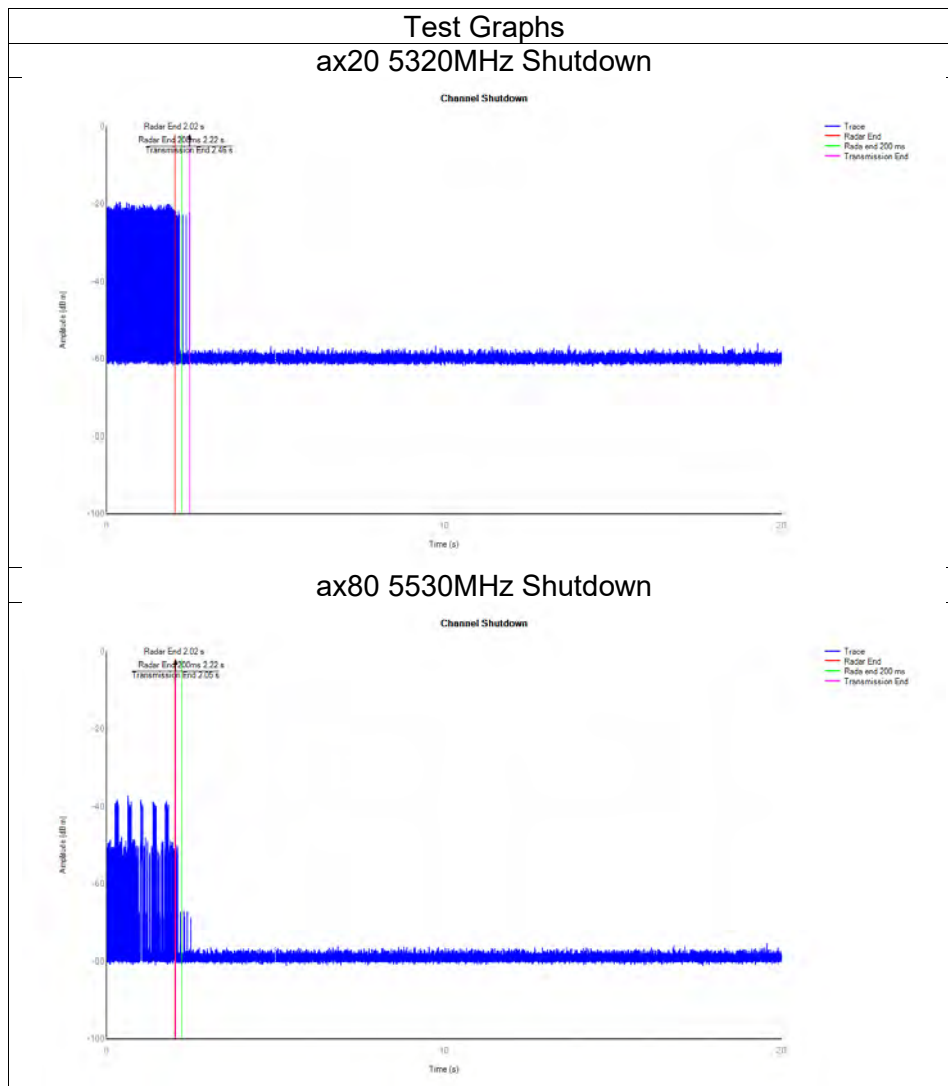
Date: 30.OCT.2023 05:08:27

11AX80MIMO_Ant0_5210_996Tone_RU67

11.13. APPENDIX H: SHUTDOWN TIME

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Channel Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ax80	5530	0.022	10	0.001	0.26	0	0.06	Pass

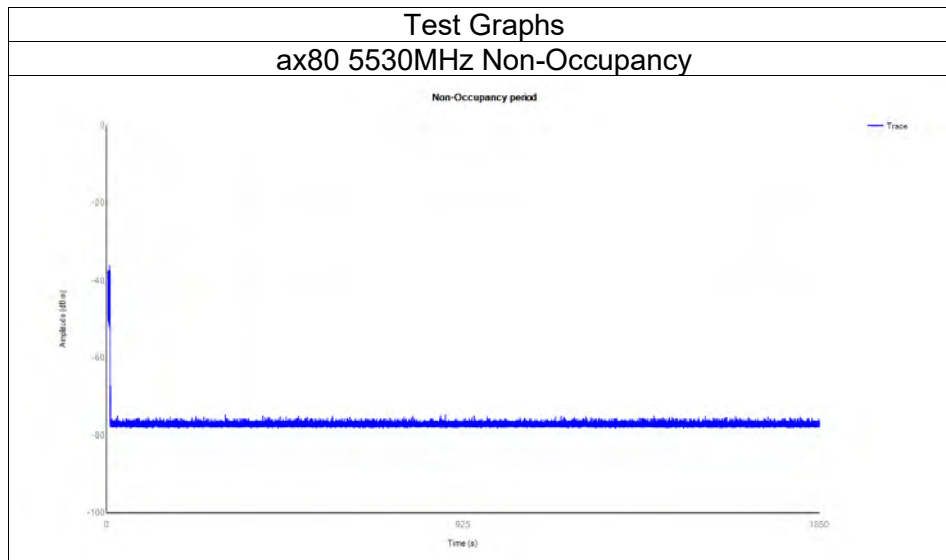
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



11.14. APPENDIX I: NON-OCCUPANCY

Mode	Frequency (MHz)	Result	Verdict
ax80	5530	See test Graph	Pass

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



END OF REPORT