

Appendix B(RF Conducted Test Result)

Test Information:

Sample No.:	35TN-3	Test Date:	2025/07/07~2025/07/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6~26.1	Relative Humidity: (%)	44~51	ATM Pressure: (kPa)	100.1
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Emission Bandwidth

26dB Emission Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5180	25.448
	5200	25.088
	5240	26.271
802.11ac20	5180	26.429
	5200	26.382
	5240	27.036
802.11ac40	5190	46.246
	5230	46.146
802.11ax20_RU_Full	5180	27.075
	5200	25.451
	5240	25.716
802.11ax40_RU_FULL	5190	45.746
	5230	46.146

5250-5350MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5260	24.762
	5300	24.240
	5320	25.249
802.11ac20	5260	26.023
	5300	25.351
	5320	27.141
802.11ac40	5270	47.147
	5310	45.846
802.11ax20_RU_FULL	5260	26.182
	5300	27.222
	5320	26.197
802.11ax40_RU_FULL	5270	45.445
	5310	44.945

5470-5725MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5500	25.450
	5580	24.611
	5700	25.616
	5720	26.218
802.11ac20	5500	26.712
	5580	26.794
	5700	27.383
	5720	26.765
802.11ac40	5510	46.947
	5550	46.847
	5670	48.348
	5710	48.048
802.11ax20_RU_Full	5500	27.090
	5580	25.540
	5700	27.002
	5720	26.601
802.11ax40_RU_Full	5510	45.445
	5550	47.447
	5670	45.746
	5710	45.846

6dB Emission Bandwidth

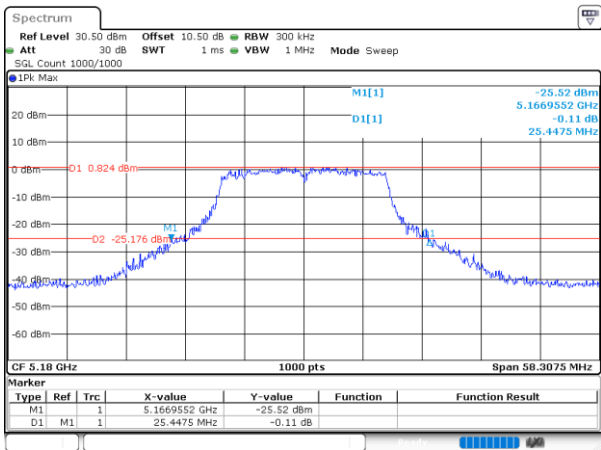
5725-5850MHz

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	5745	16.466	0.5	Pass
	5785	16.466	0.5	Pass
	5825	16.416	0.5	Pass
802.11ac20	5745	17.668	0.5	Pass
	5785	17.718	0.5	Pass
	5825	17.718	0.5	Pass
802.11ac40	5755	36.537	0.5	Pass
	5795	36.537	0.5	Pass
802.11ax20_RU_Full	5745	19.019	0.5	Pass

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11ax20_RU_Full	5785	19.069	0.5	Pass
	5825	19.119	0.5	Pass
802.11ax40_RU_FULL	5755	38.338	0.5	Pass
	5795	38.238	0.5	Pass

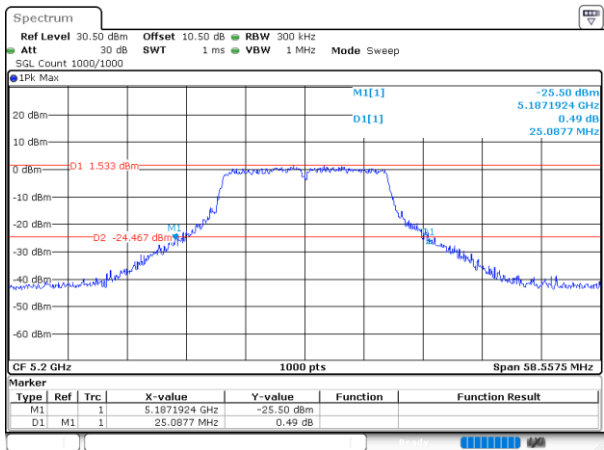
5150-5250MHz

802.11a_5180MHz



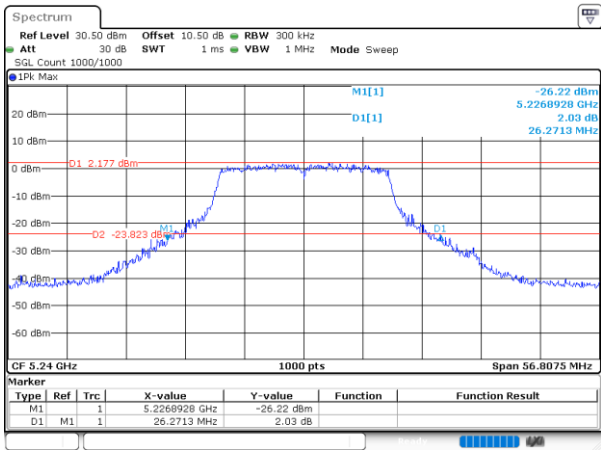
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802.11a_5200MHz



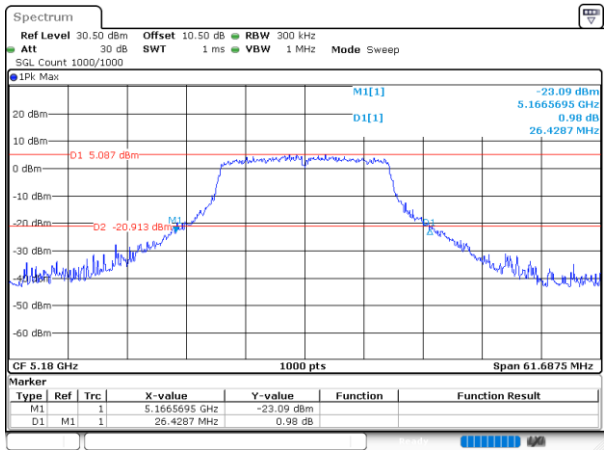
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802.11a_5240MHz



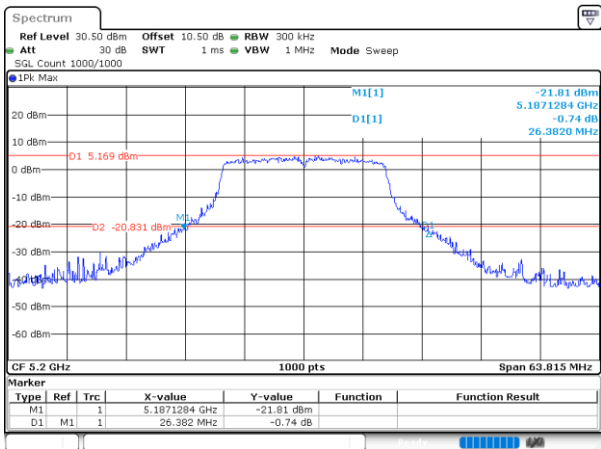
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802.11ac20_5180MHz



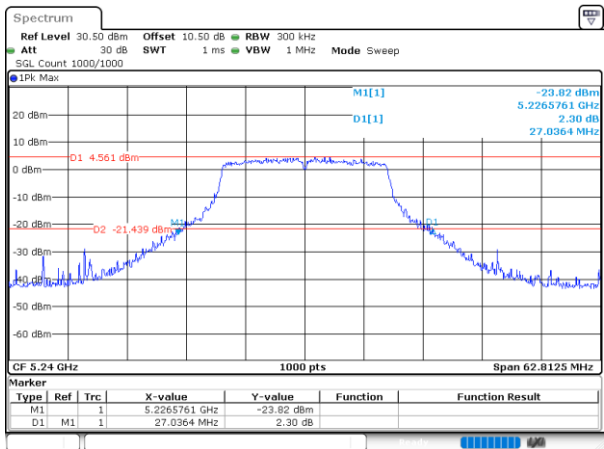
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802.11ac20_5200MHz



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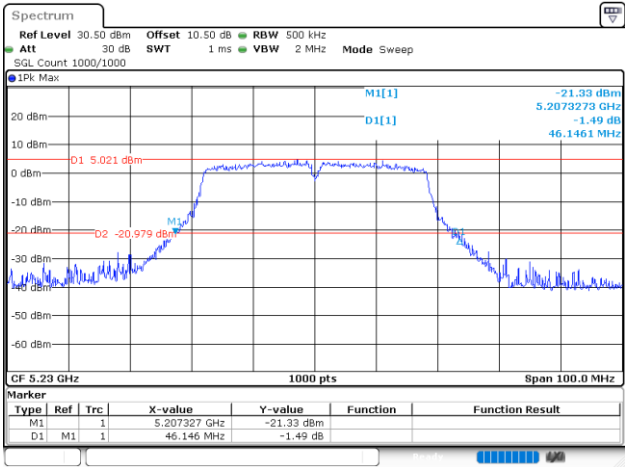
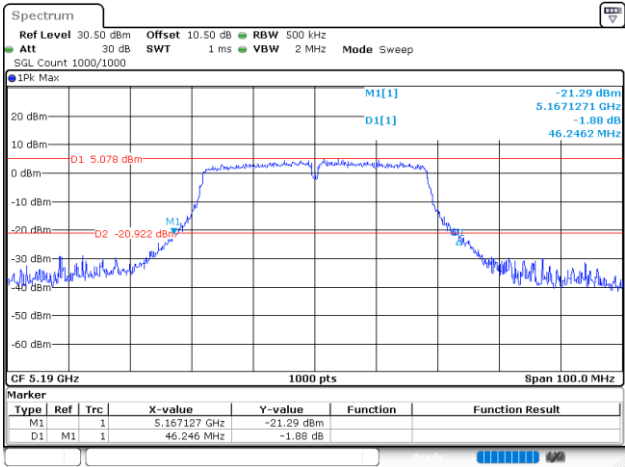
802.11ac20_5240MHz



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Date: 7.JUL.2025 16:11:22

802.11ac40_5190MHz

802.11ac40_5230MHz

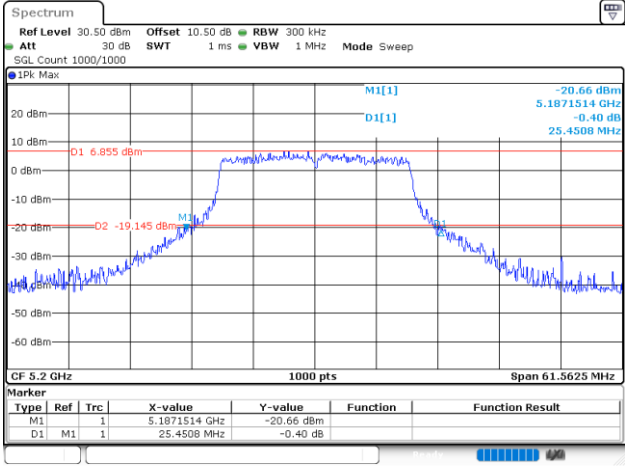
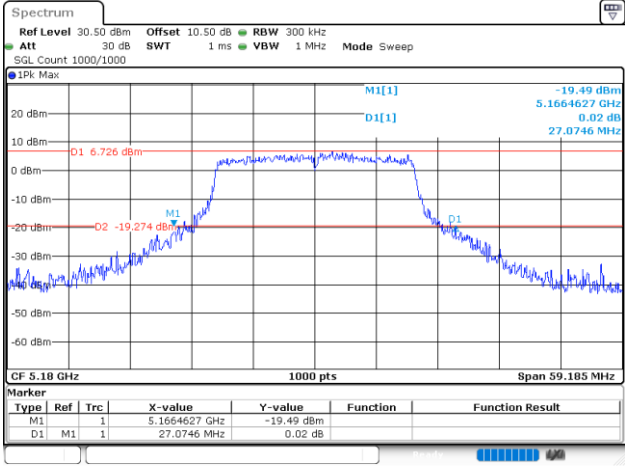


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Date: 7.JUL.2025 16:17:08

802.11ax20_5180MHz_RU_Full

802.11ax20_5200MHz_RU_Full

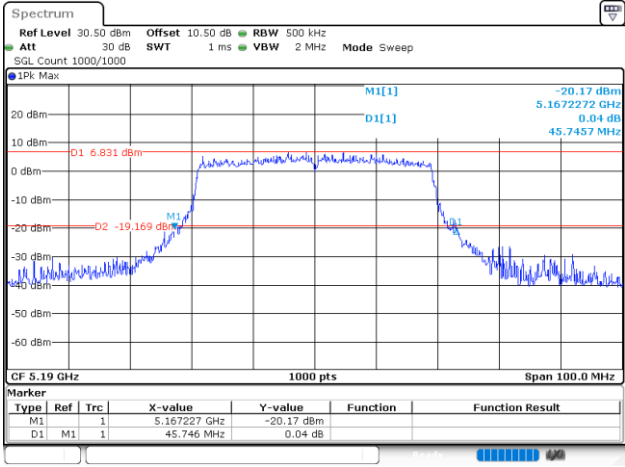
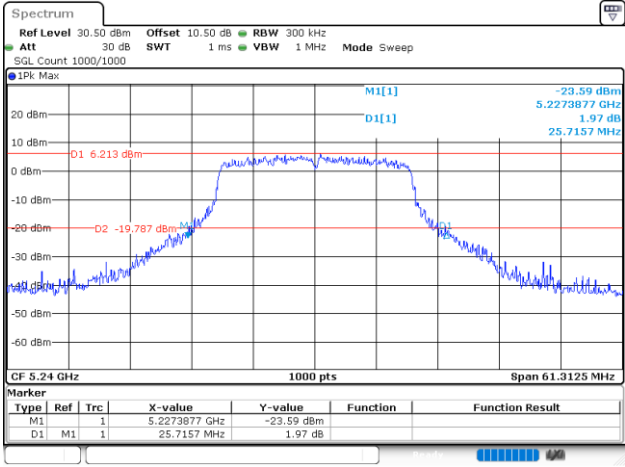


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Date: 7.JUL.2025 17:20:29

802.11ax20_5240MHz_RU_Full

802.11ax40_5190MHz_RU_FULL

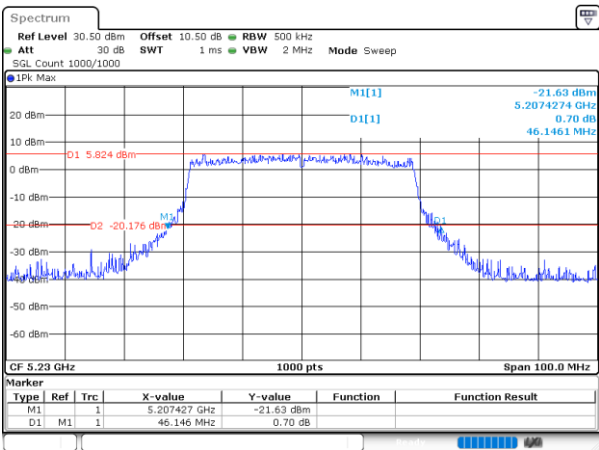


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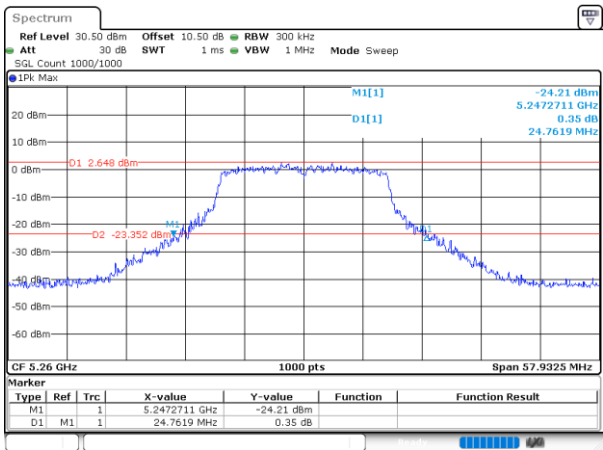
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5250-5350MHz

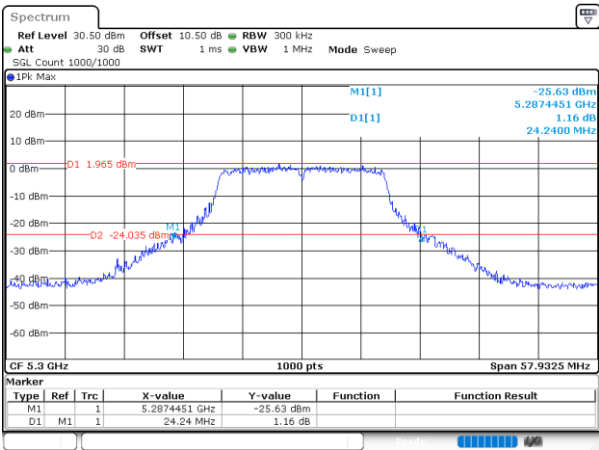
802.11ax40_5230MHz_RU_FULL



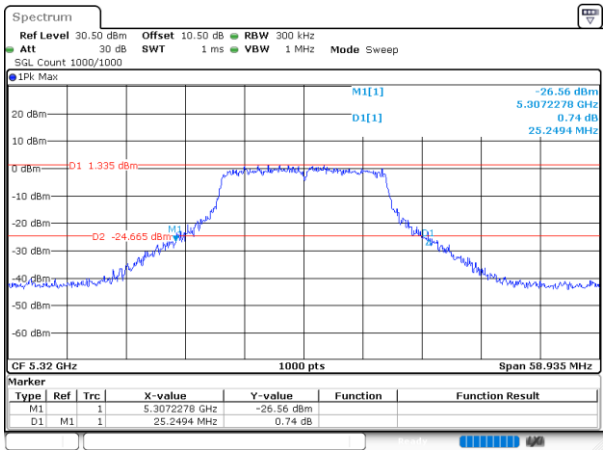
802.11a_5260MHz



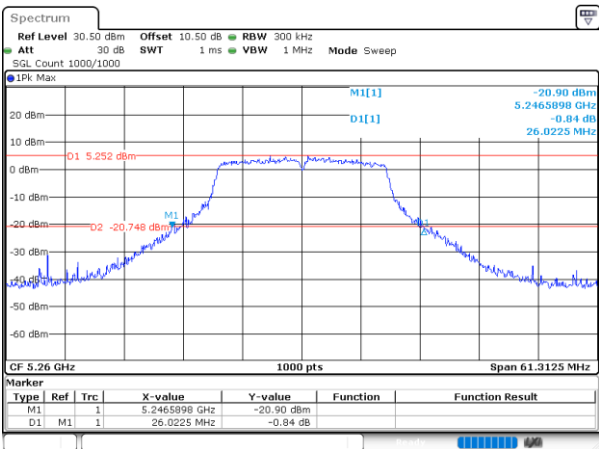
802.11a_5300MHz



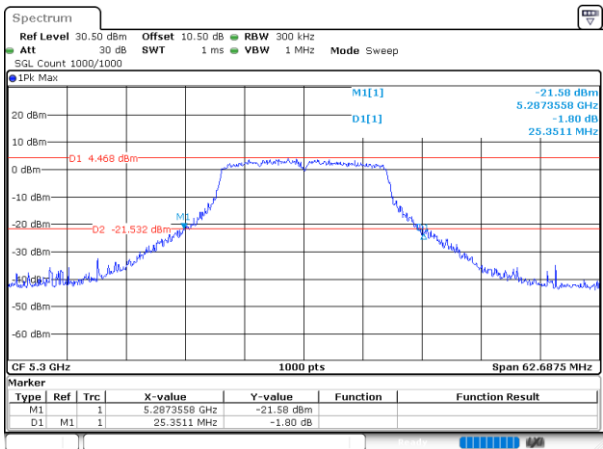
802.11a_5320MHz



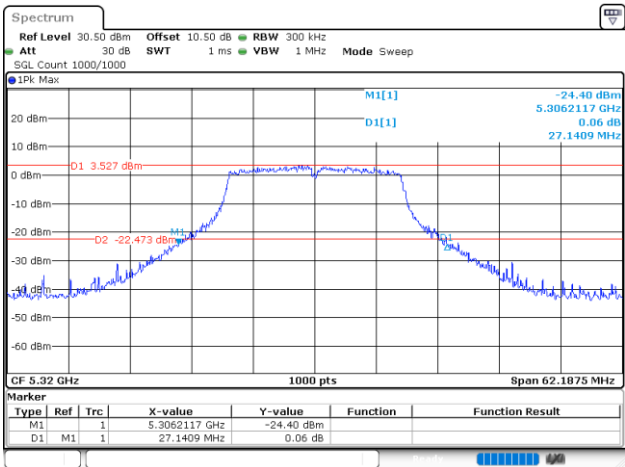
802.11ac20_5260MHz



802.11ac20_5300MHz

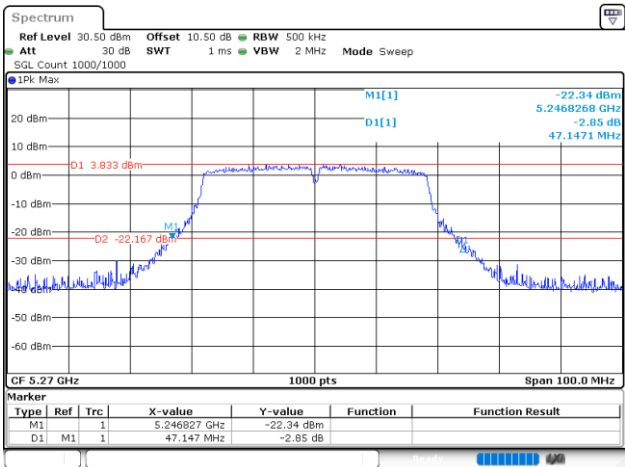


802.11ac20_5320MHz



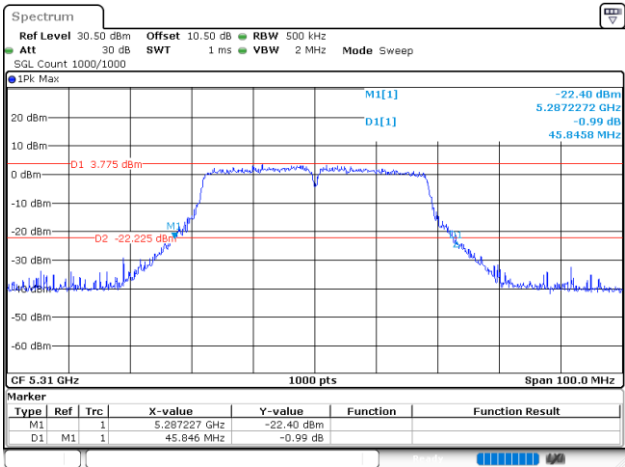
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802.11ac40_5270MHz



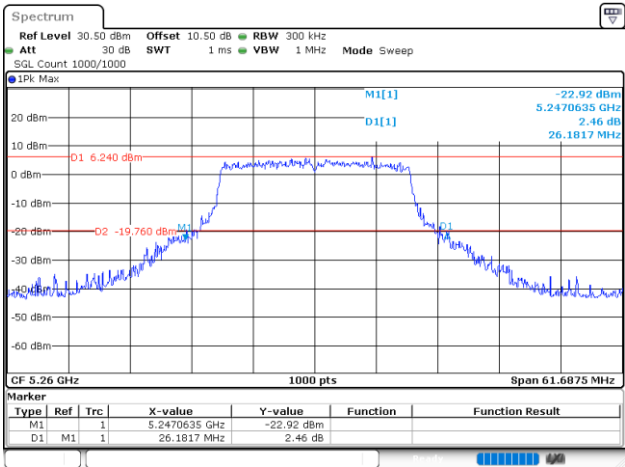
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802.11ac40_5310MHz



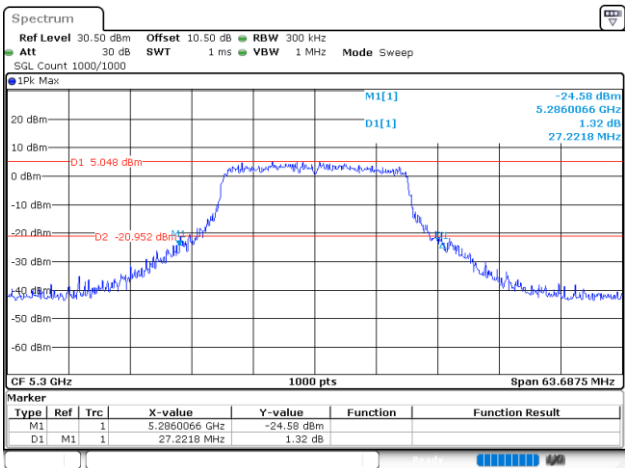
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802.11ax20_5260MHz_RU_FULL



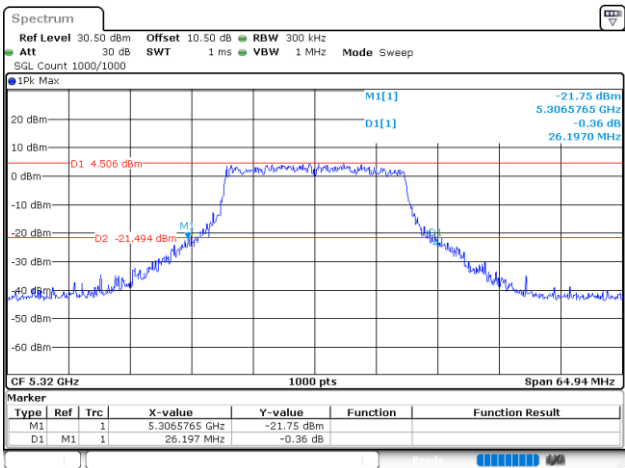
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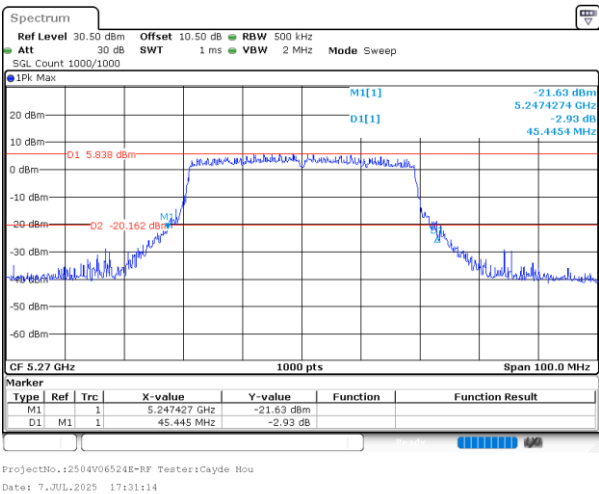
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802.11ax20_5320MHz_RU_FULL

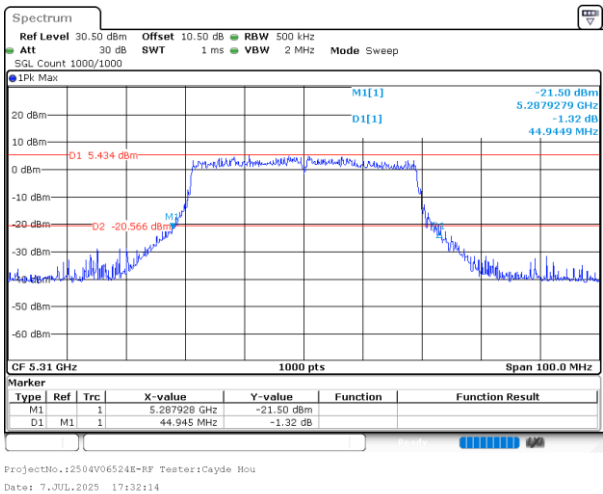


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802.11ax40_5270MHz_RU_FULL

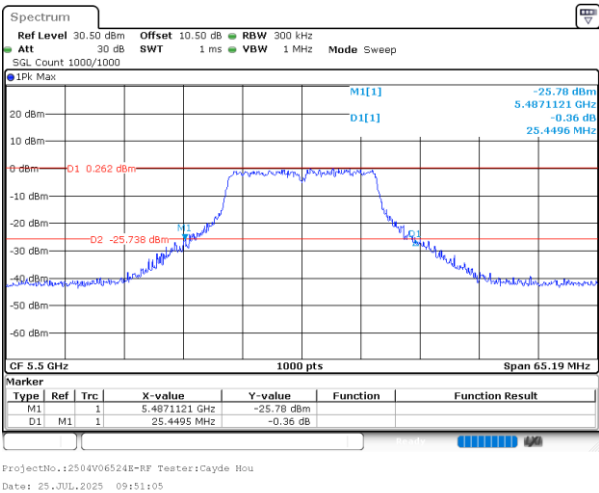


802.11ax40_5310MHz_RU_FULL

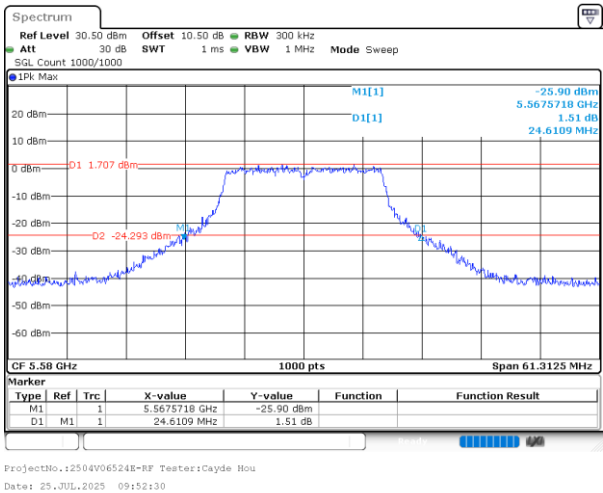


5470-5725MHz

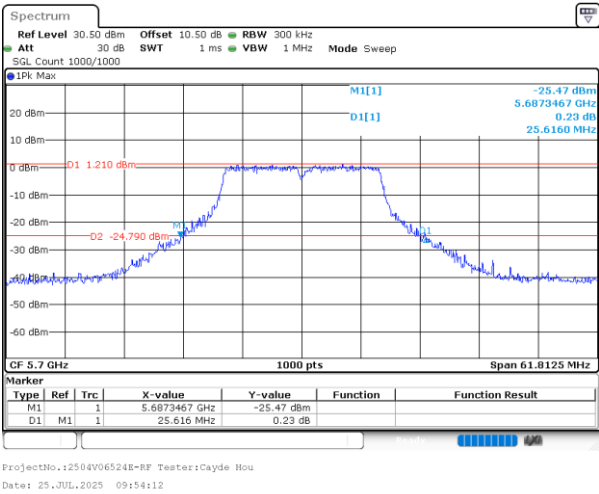
802.11a_5500MHz



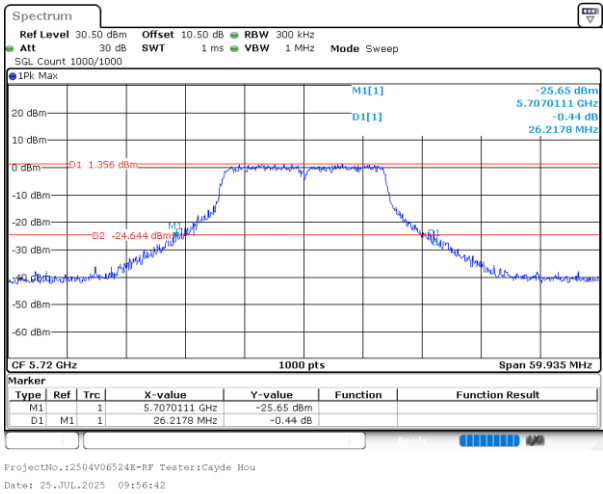
802.11a_5580MHz



802.11a_5700MHz

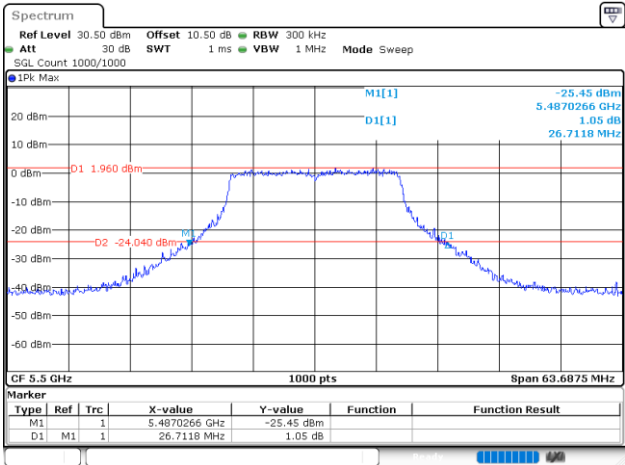


802.11a_5720MHz

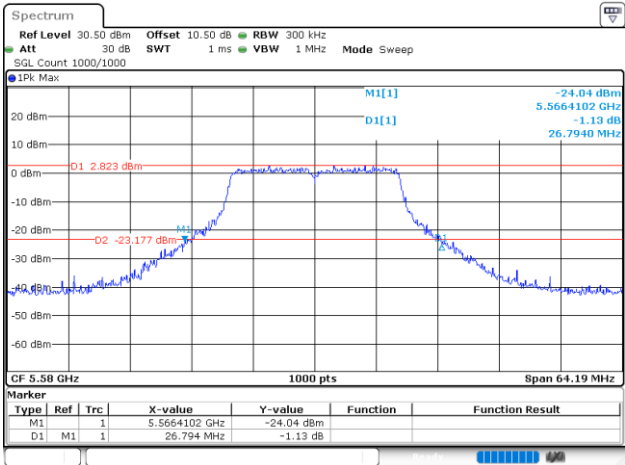


802.11ac20_5500MHz

802.11ac20_5580MHz



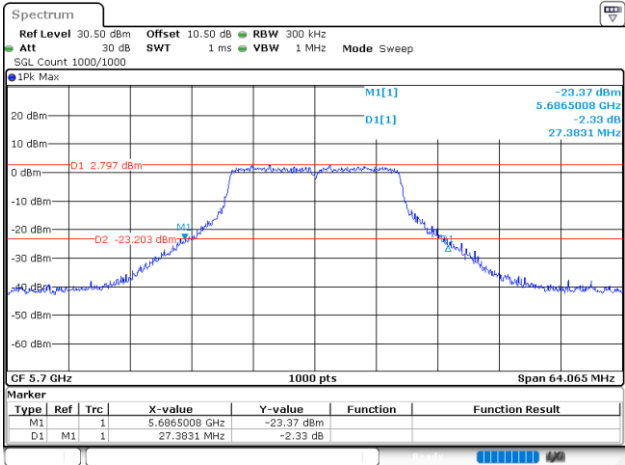
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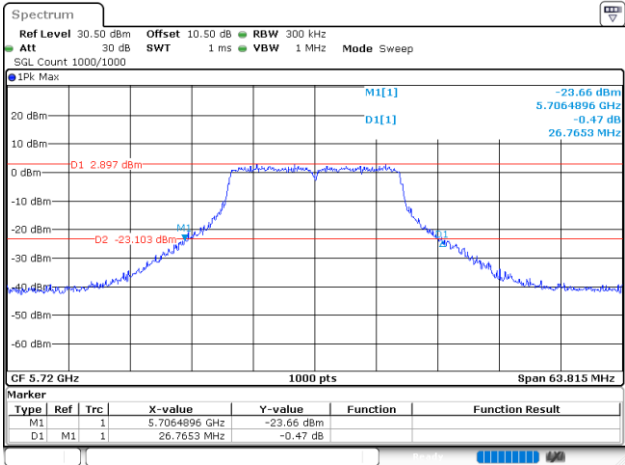
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802.11ac20_5700MHz

802.11ac20_5720MHz



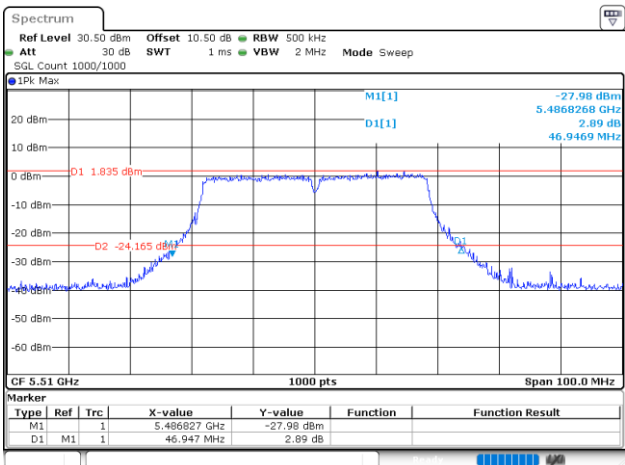
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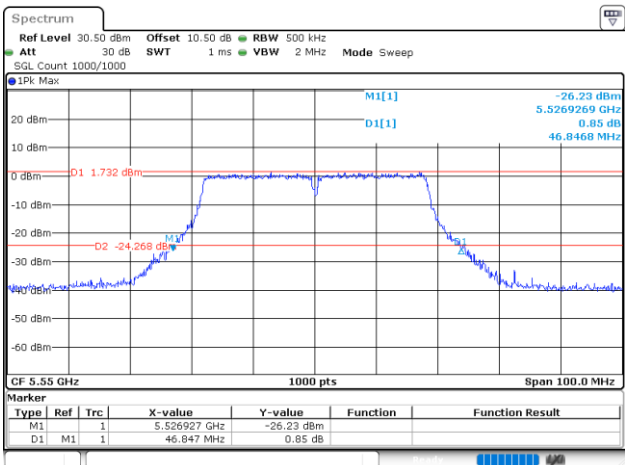
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802.11ac40_5510MHz

802.11ac40_5550MHz

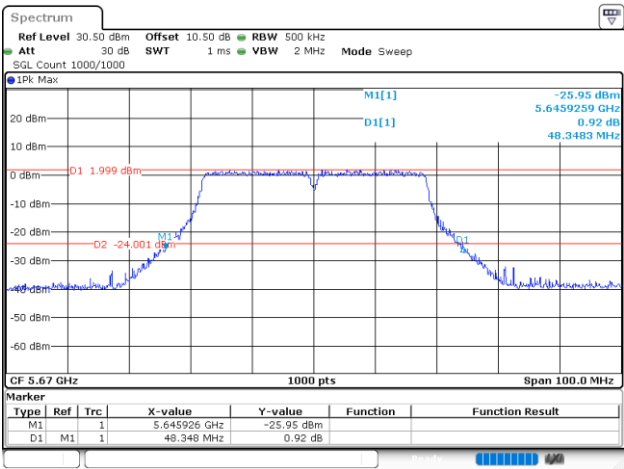


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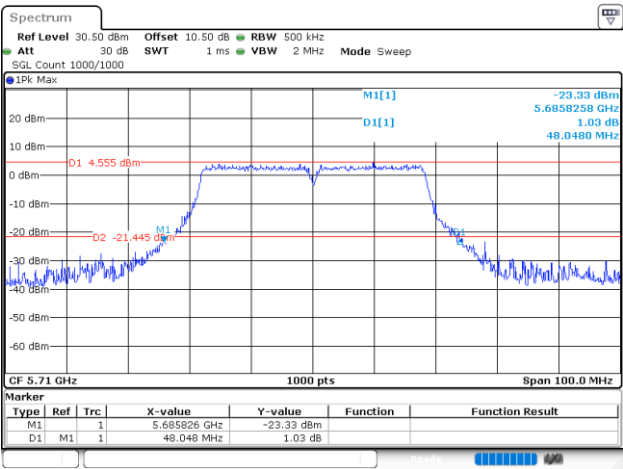
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802.11ac40_5670MHz



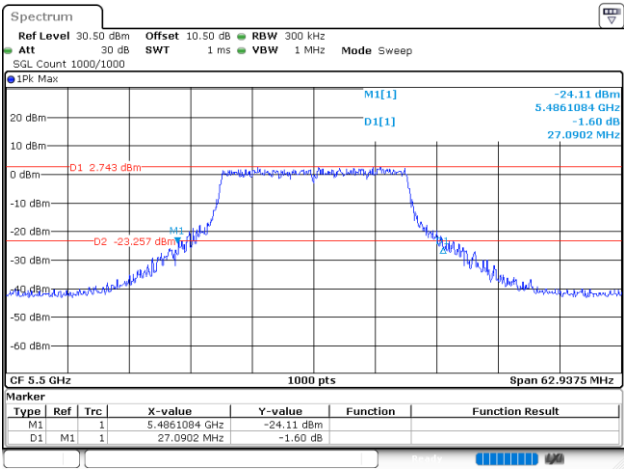
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802.11ac40_5710MHz



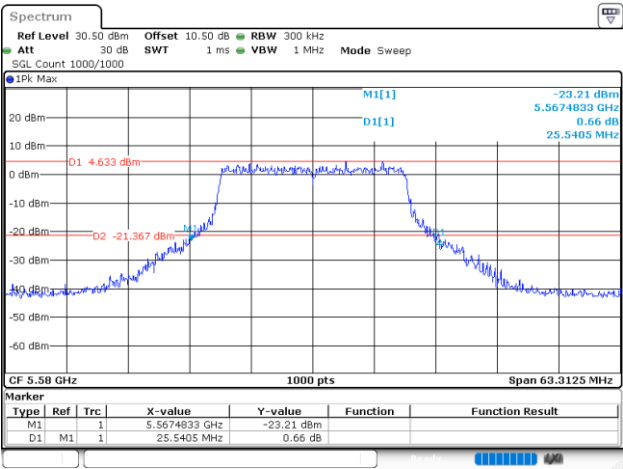
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802.11ax20_5500MHz_RU_Full



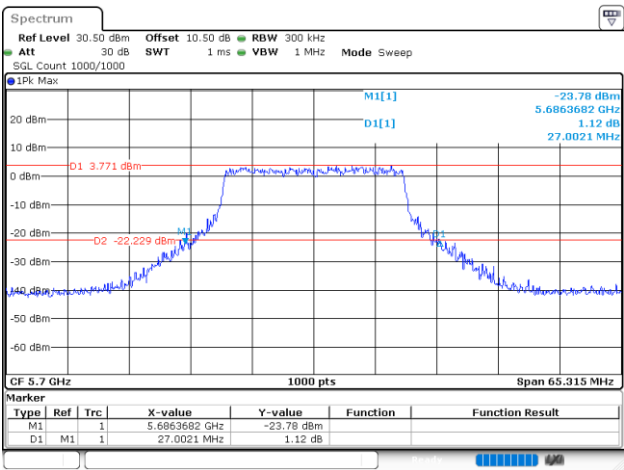
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802.11ax20_5580MHz_RU_Full



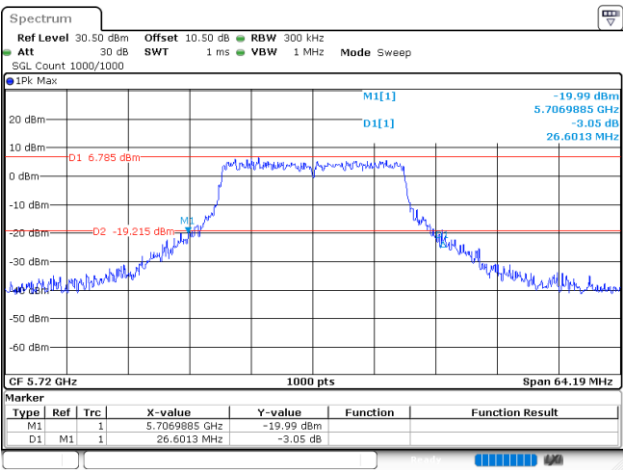
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802.11ax20_5700MHz_RU_Full



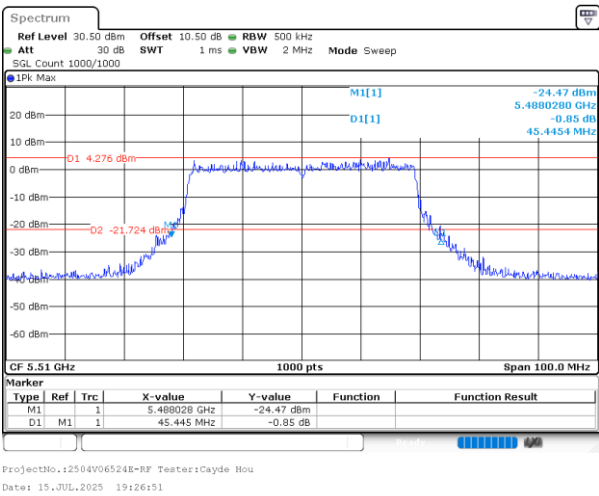
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802.11ax20_5720MHz_RU_Full

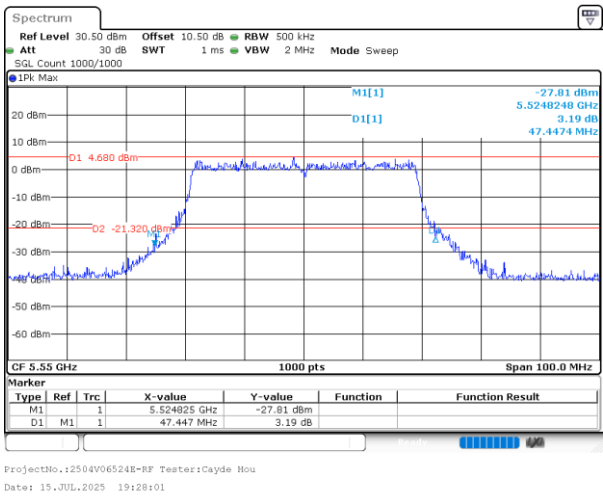


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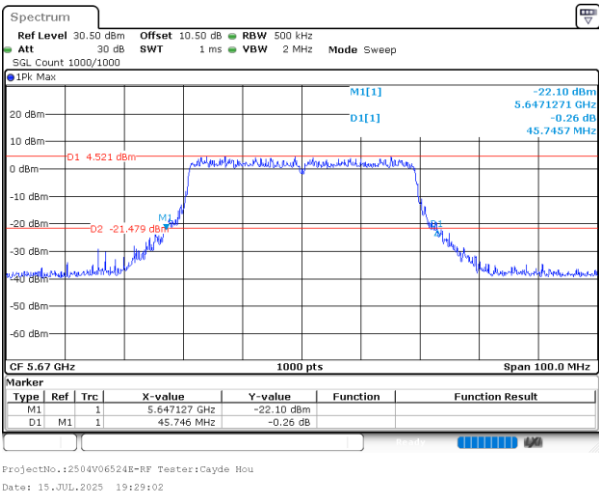
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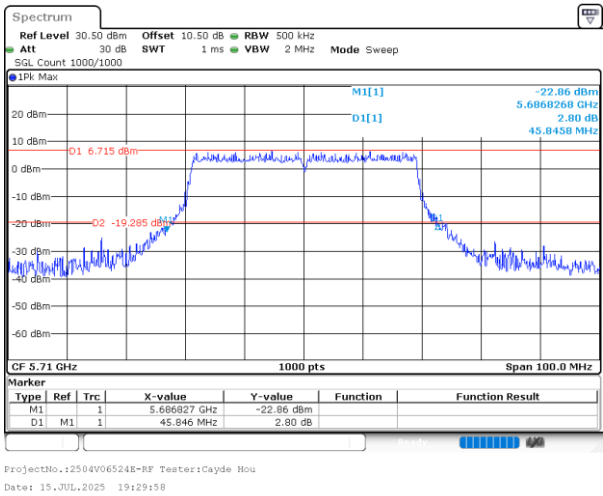
802.11ax40_5550MHz_RU_Full



802.11ax40_5670MHz_RU_Full

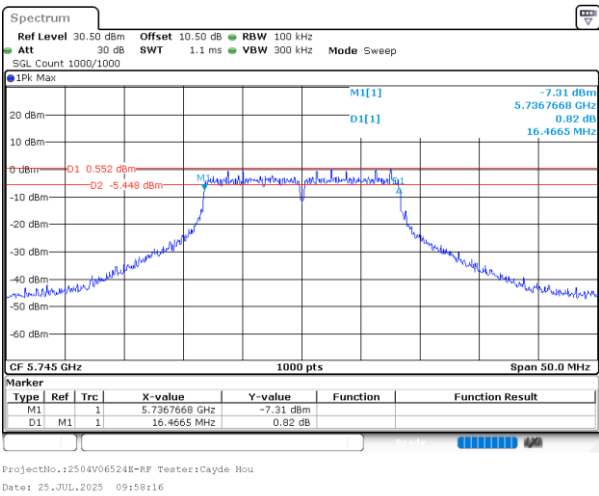


802.11ax40_5710MHz_RU_Full

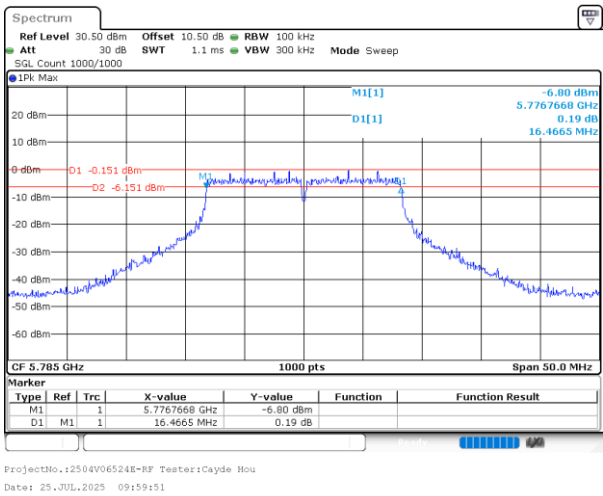


5725-5850MHz

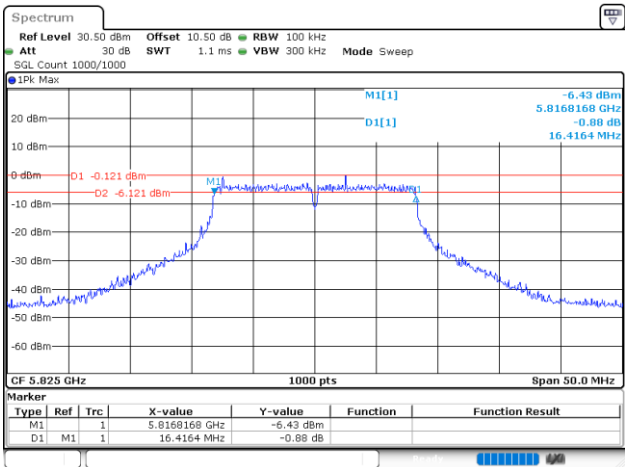
802.11a_5745MHz



802.11a_5785MHz

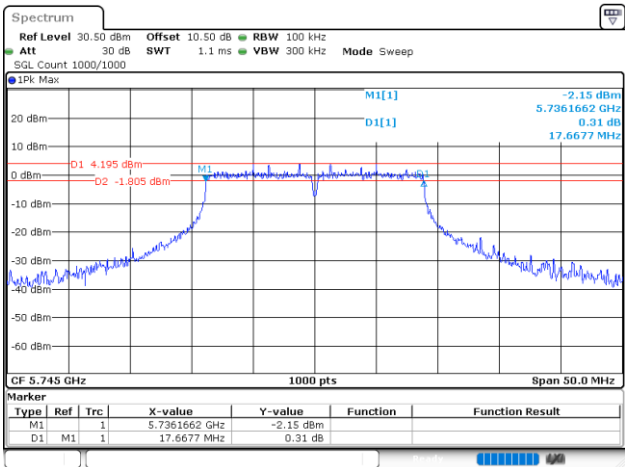


802.11a_5825MHz



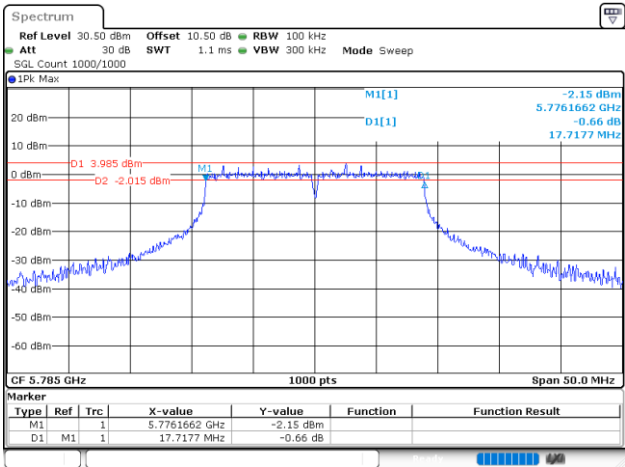
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802.11ac20_5745MHz



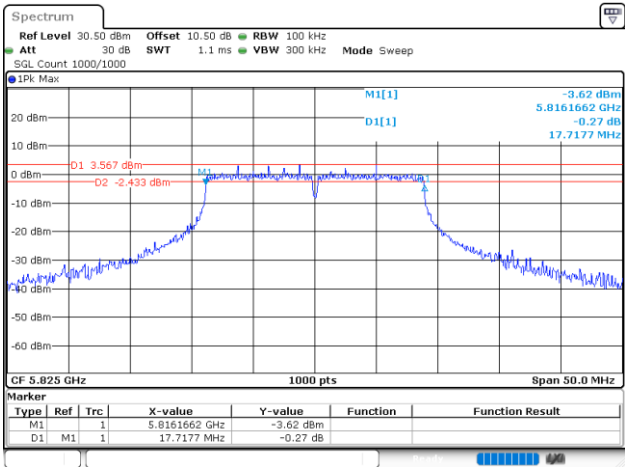
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802.11ac20_5785MHz



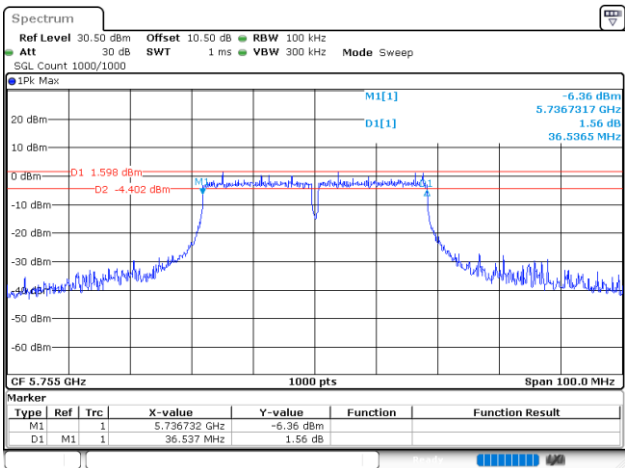
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802.11ac20_5825MHz



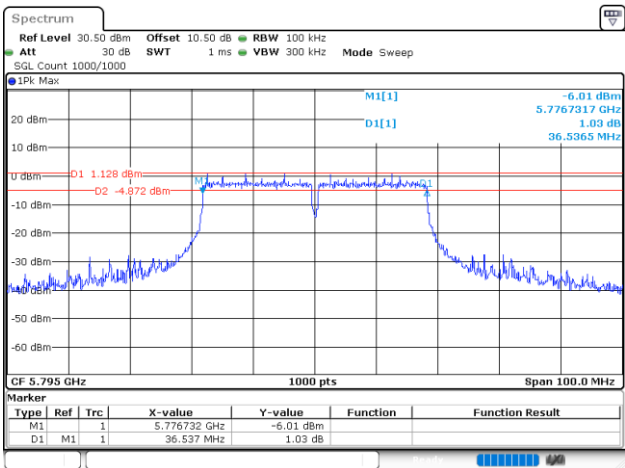
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802.11ac40_5755MHz



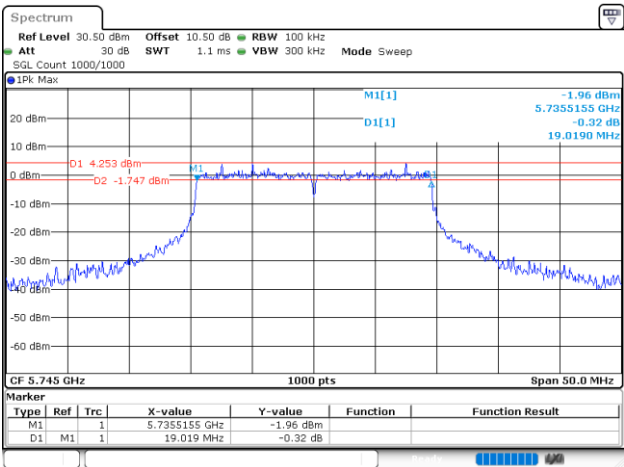
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802.11ac40_5795MHz



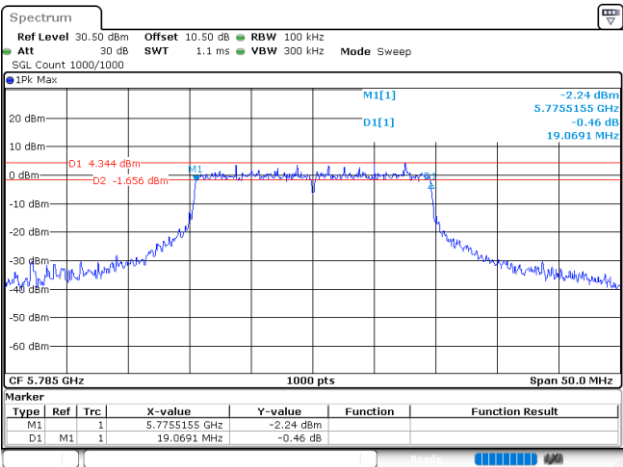
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802.11ax20_5745MHz_RU_Full



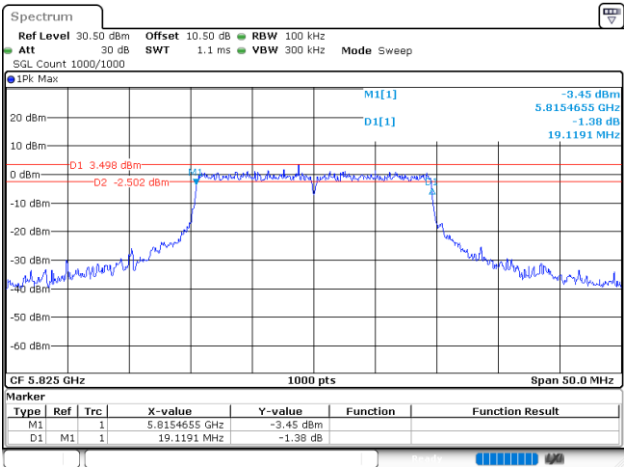
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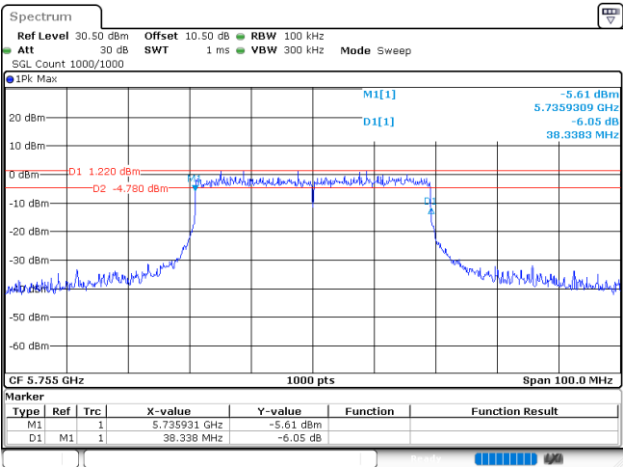
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802.11ax20_5825MHz_RU_Full



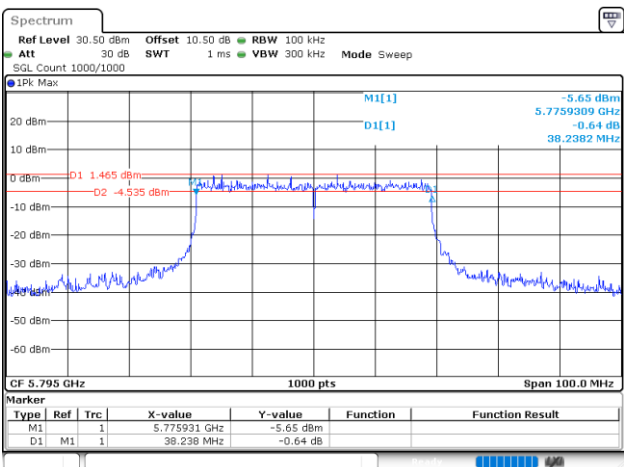
ProjectNo.:2504V06524E-RF Tester:Cayde Hou
Date: 7.JUL.2025 17:49:22

802.11ax40_5755MHz_RU_FULL



ProjectNo.:2504V06524E-RF Tester:Cayde Hou
Date: 7.JUL.2025 17:51:10

802.11ax40_5795MHz_RU_FULL



ProjectNo.:2504V06524E-RF Tester:Cayde Hou
Date: 7.JUL.2025 17:52:15

99% Occupied Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5180	16.700
	5200	16.700
	5240	16.700
802.11ac20	5180	18
	5200	18
	5240	17.950
802.11ac40	5190	36.700
	5230	36.700
802.11ax20_RU_Full	5180	19.150
	5200	19.100
	5240	19.050
802.11ax40_RU_FULL	5190	38
	5230	38

Note:
The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5250-5350MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5260	16.750
	5300	16.750
	5320	16.750
802.11ac20	5260	17.950
	5300	17.950
	5320	17.950
802.11ac40	5270	36.700
	5310	36.700
802.11ax20_RU_FULL	5260	19
	5300	19.150
	5320	19.100
802.11ax40_RU_FULL	5270	38.100
	5310	38.100

5470-5725MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5500	16.800
	5580	16.850
	5700	16.850
	5720	16.850
802.11ac20	5500	18.050
	5580	18.100
	5700	18.100
	5720	18.100
802.11ac40	5510	37
	5550	37.100
	5670	37
	5710	37
802.11ax20_RU_Full	5500	19.150
	5580	19.200
	5700	19.200
	5720	19.200
802.11ax40_RU_Full	5510	38.300
	5550	38.100
	5670	38.200
	5710	38.300

5725-5850MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5745	16.800
	5785	16.800
	5825	16.900
802.11ac20	5745	18.150
	5785	18.200
	5825	18.200
802.11ac40	5755	37
	5795	37.200
802.11ax20_RU_Full	5745	19.150
	5785	19.250

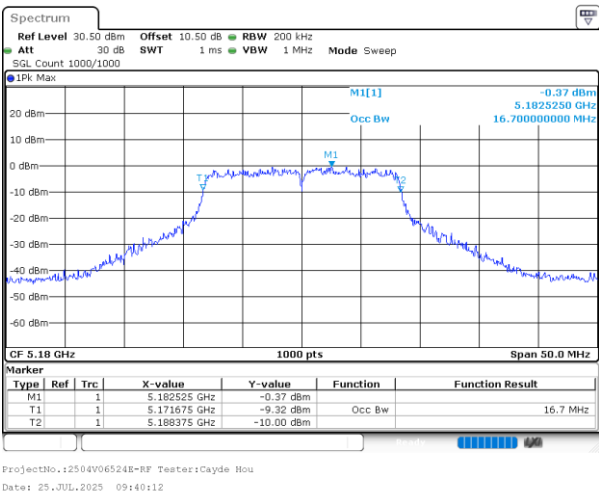
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11ax20_RU_Full	5825	19.200
802.11ax40_RU_FULL	5755	38.200
	5795	38.300

Note:

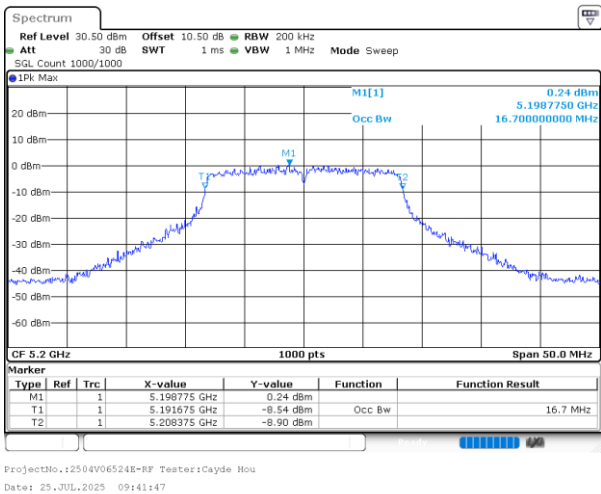
The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

5150-5250MHz

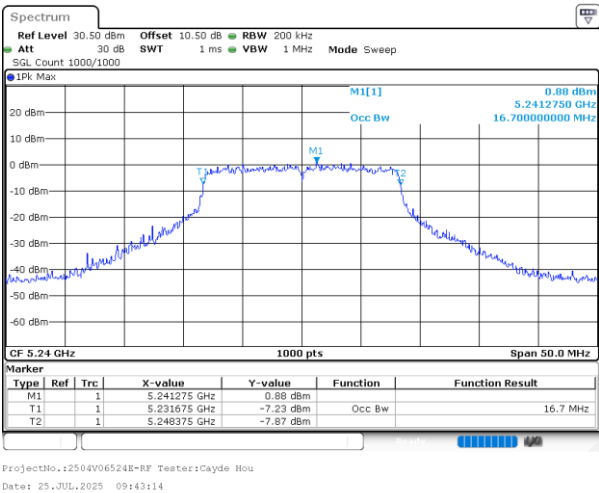
802.11a_5180MHz



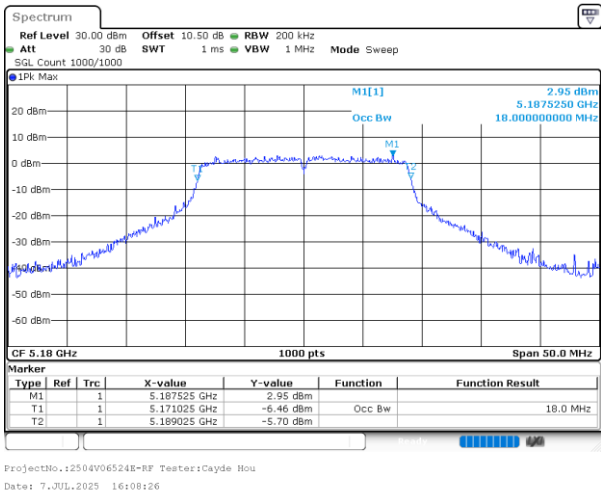
802.11a_5200MHz



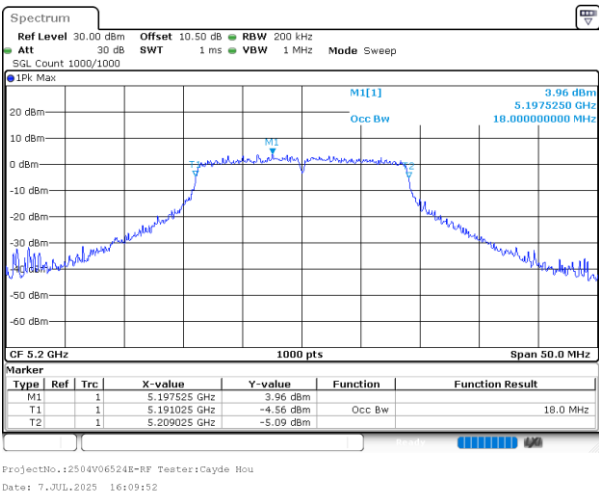
802.11a_5240MHz



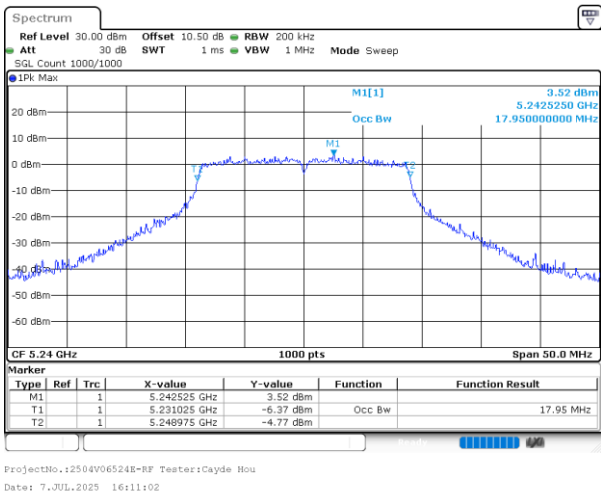
802.11ac20_5180MHz



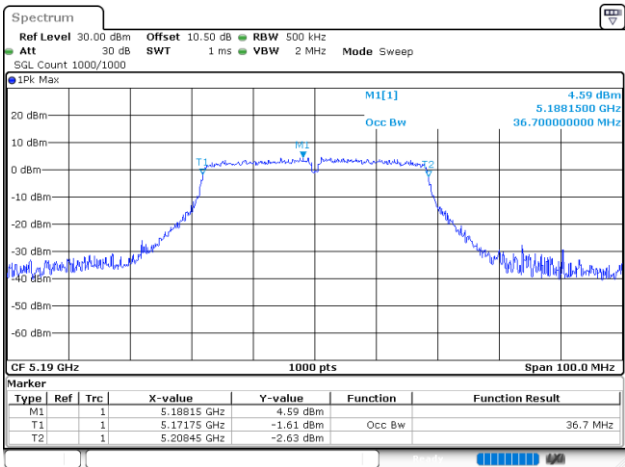
802.11ac20_5200MHz



802.11ac20_5240MHz

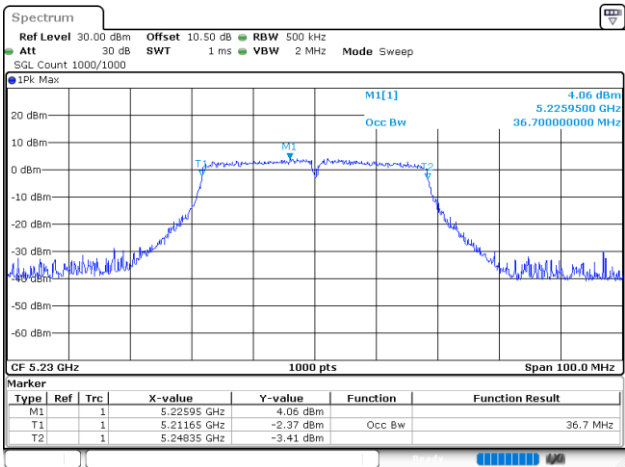


802.11ac40_5190MHz



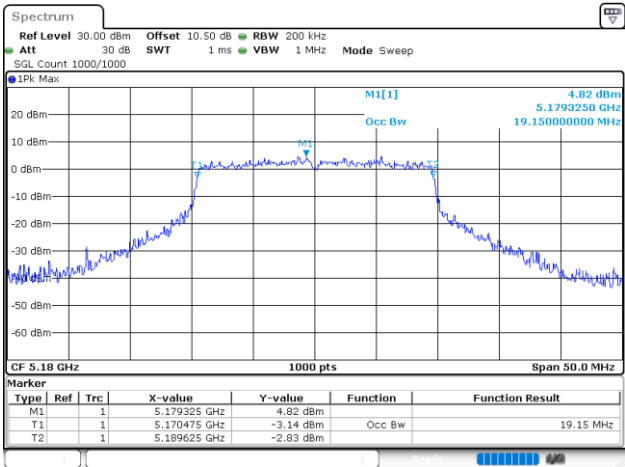
ProjectNo.:2504V06524E-RF Tester:Cayde Hou
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802.11ac40_5230MHz



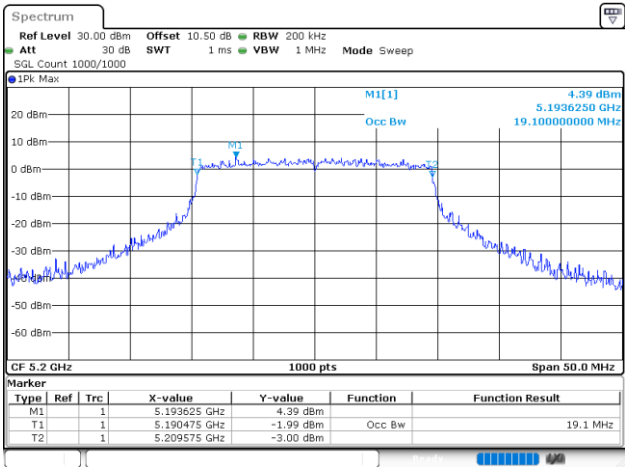
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802.11ax20_5180MHz_RU_Full



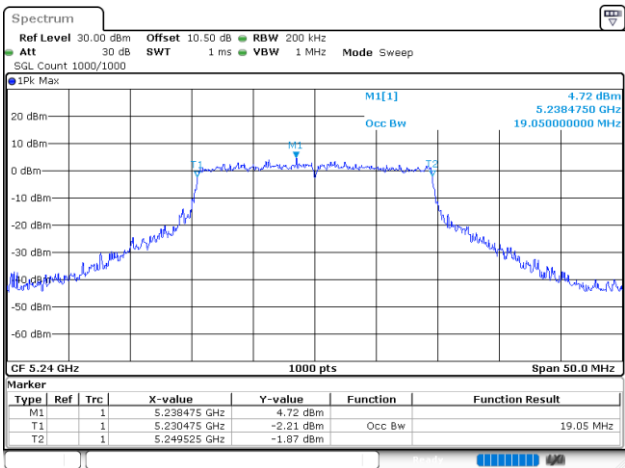
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802.11ax20_5200MHz_RU_Full



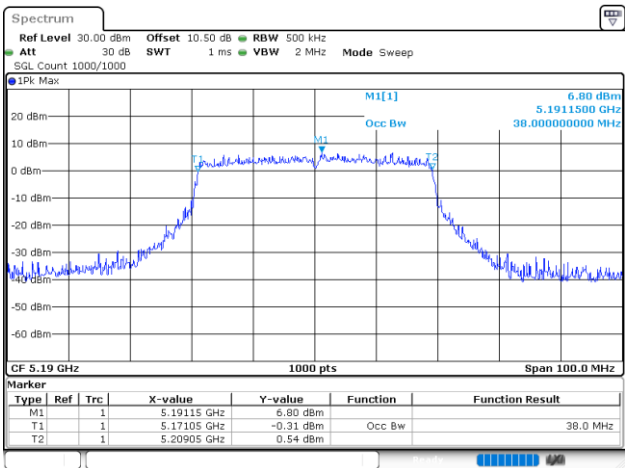
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802.11ax20_5240MHz_RU_Full



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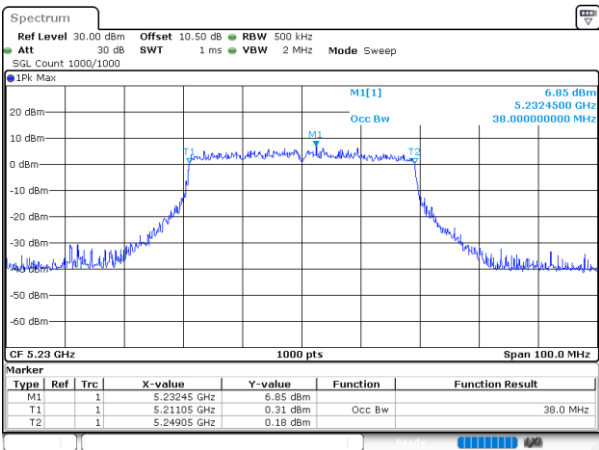
802.11ax40_5190MHz_RU_FULL



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Date: 7.JUL.2025 17:23:49

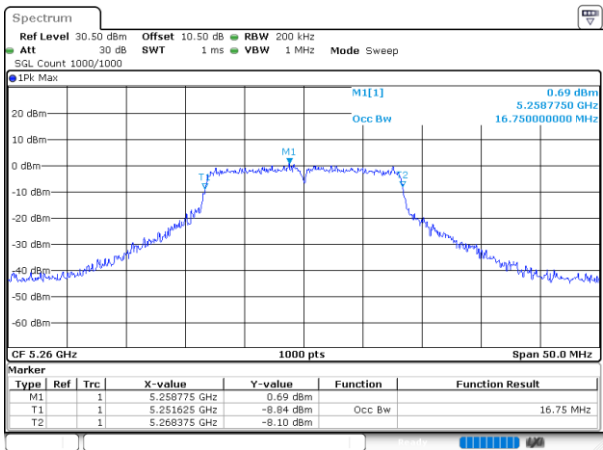
5250-5350MHz

802.11ax40_5230MHz_RU_FULL



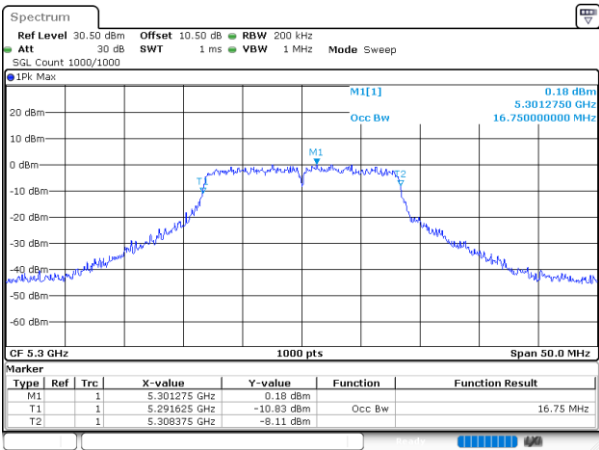
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802.11a_5260MHz



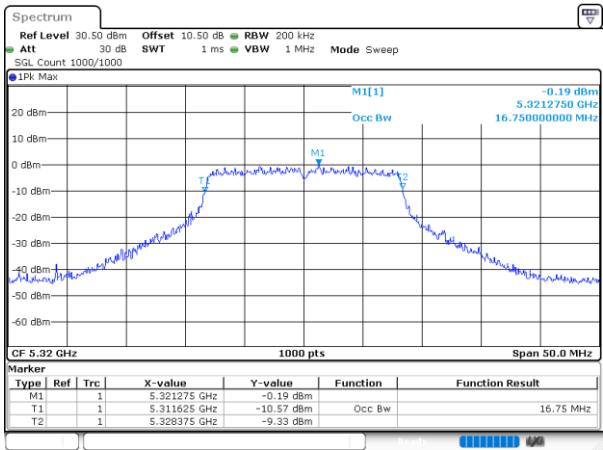
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802.11a_5300MHz



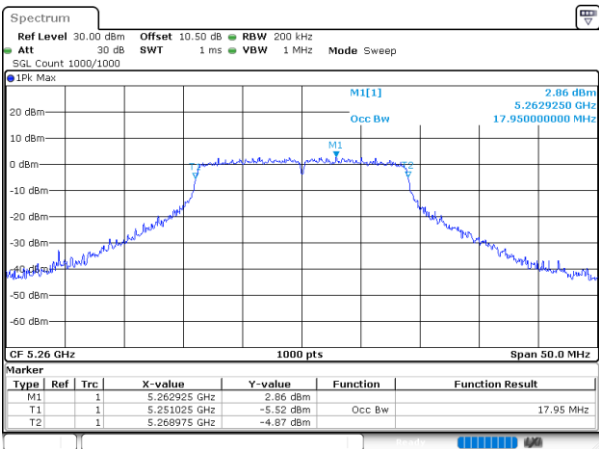
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802.11a_5320MHz



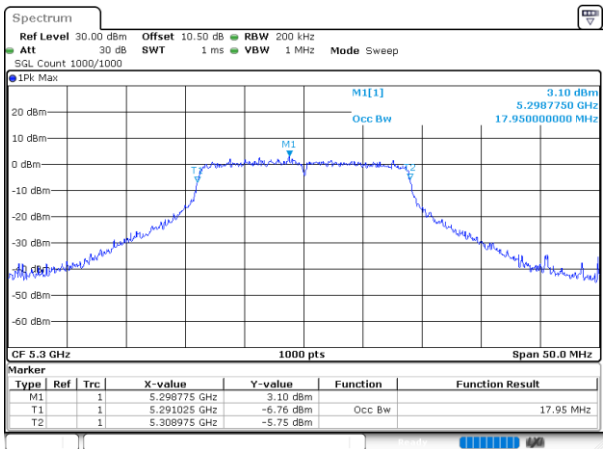
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802.11ac20_5260MHz



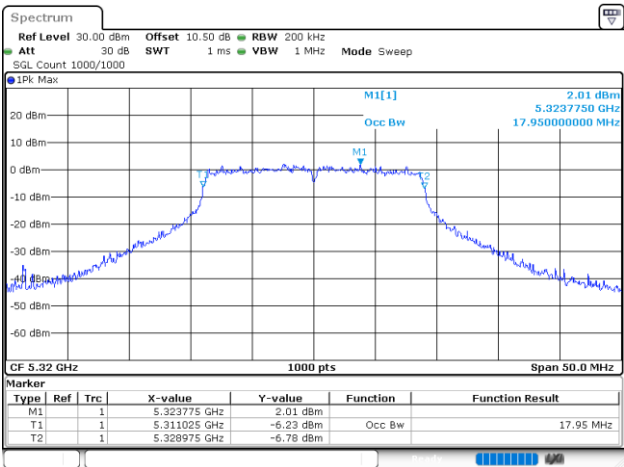
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Date: 7.JUL.2025 16:25:07

802.11ac20_5300MHz



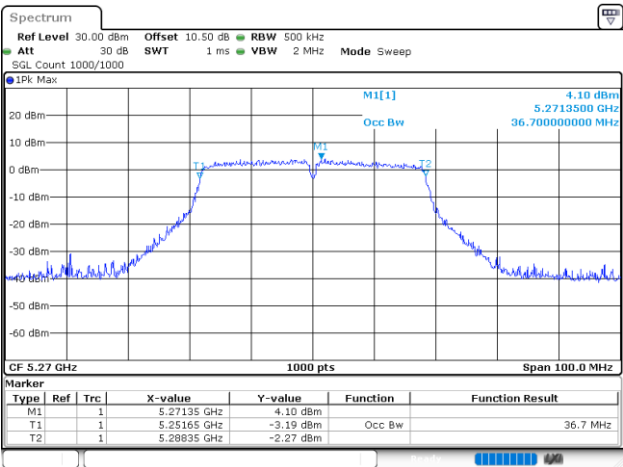
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Date: 7.JUL.2025 16:26:53

802.11ac20_5320MHz



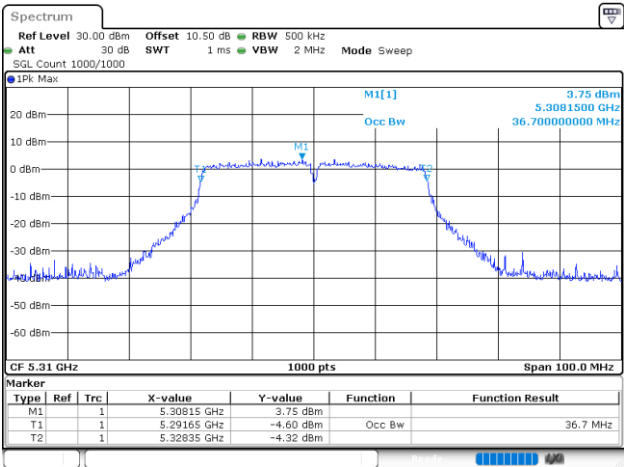
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Date: 7.JUL.2025 16:28:11

802.11ac40_5270MHz



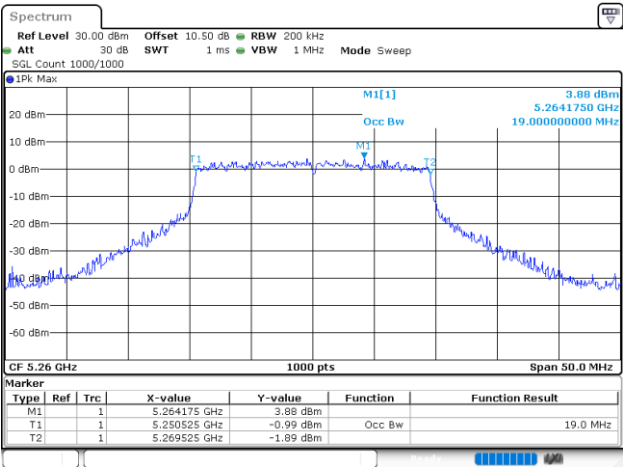
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802.11ac40_5310MHz



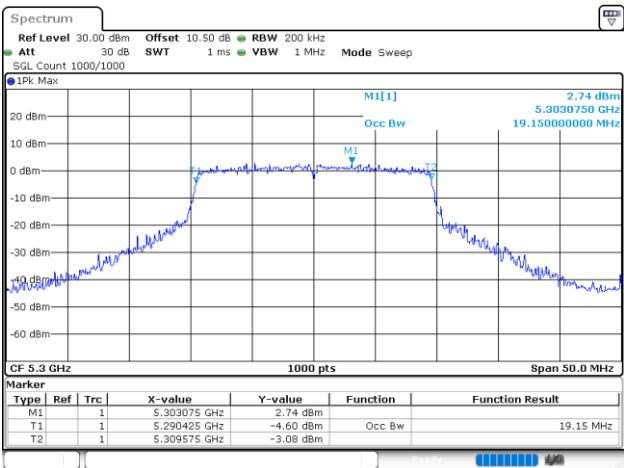
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802.11ax20_5260MHz_RU_FULL



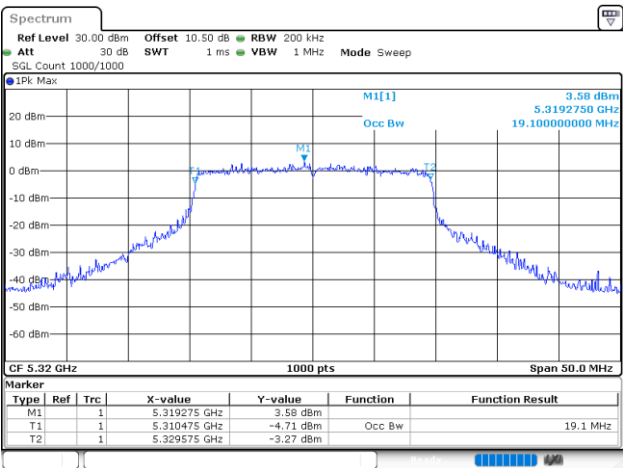
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802.11ax20_5300MHz_RU_FULL



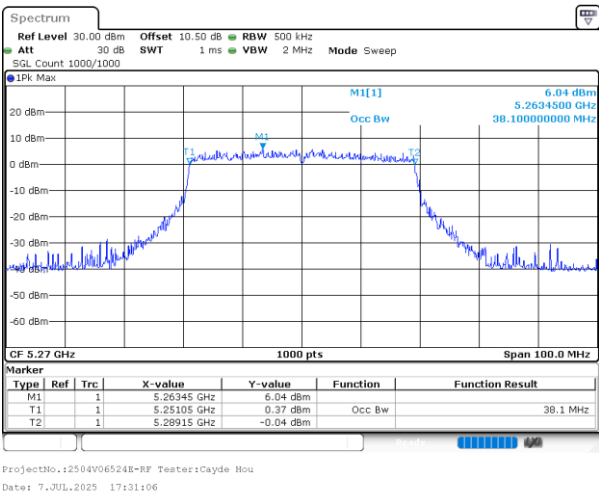
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802.11ax20_5320MHz_RU_FULL

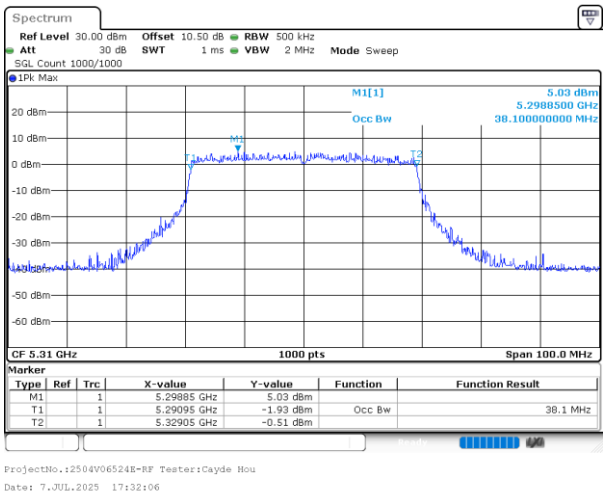


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802.11ax40_5270MHz_RU_FULL

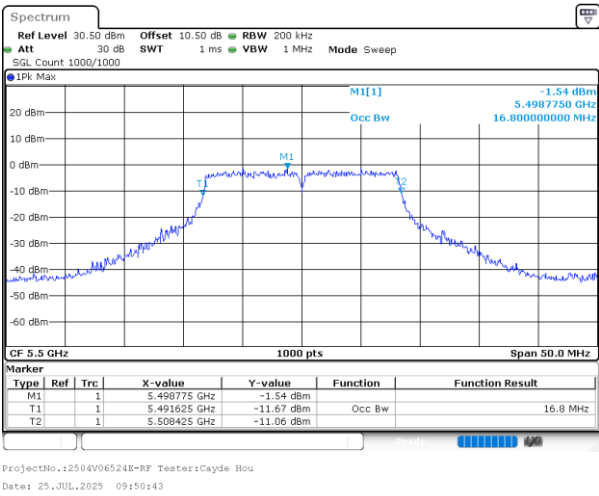


802.11ax40_5310MHz_RU_FULL

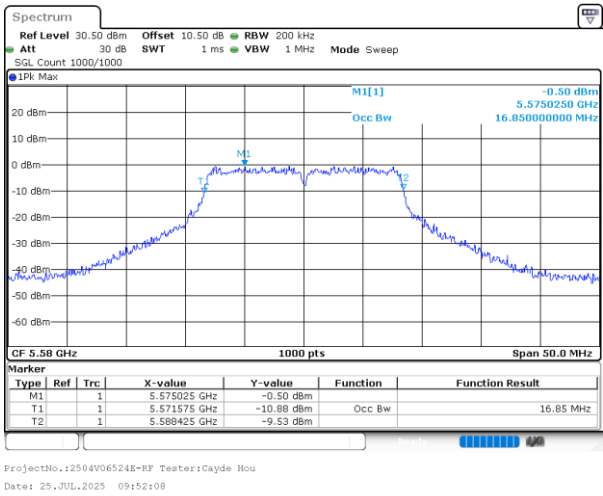


5470-5725MHz

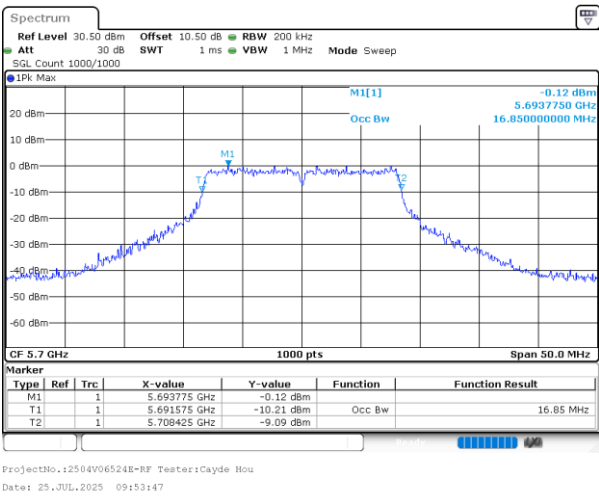
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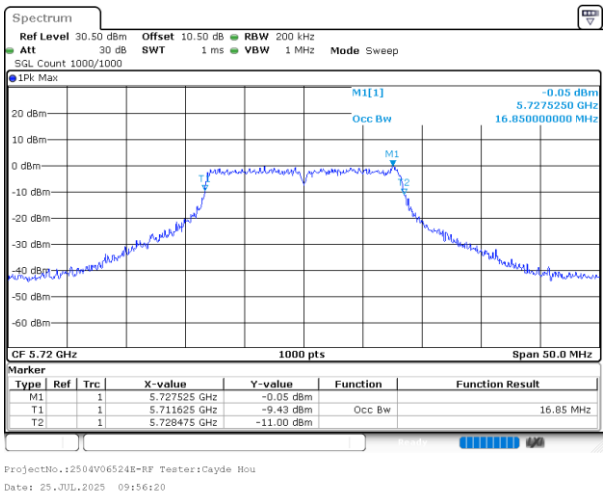
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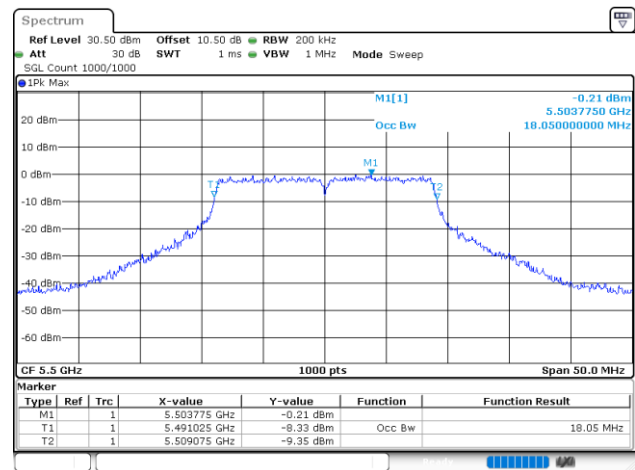
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802.11a_5720MHz

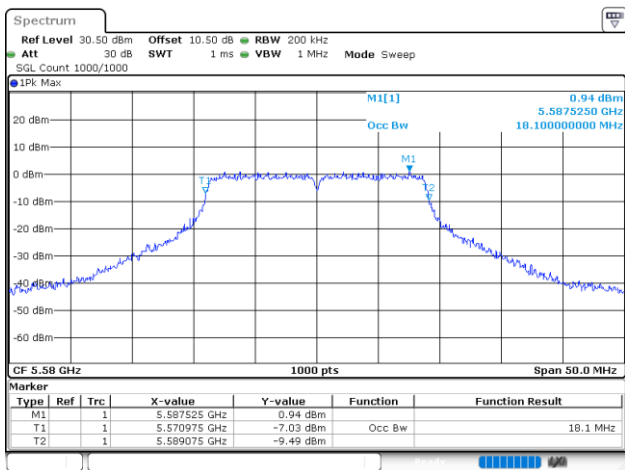


802.11ac20_5500MHz



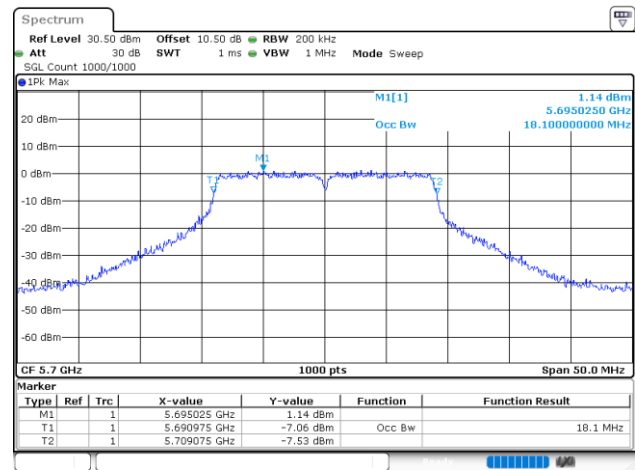
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802.11ac20_5580MHz



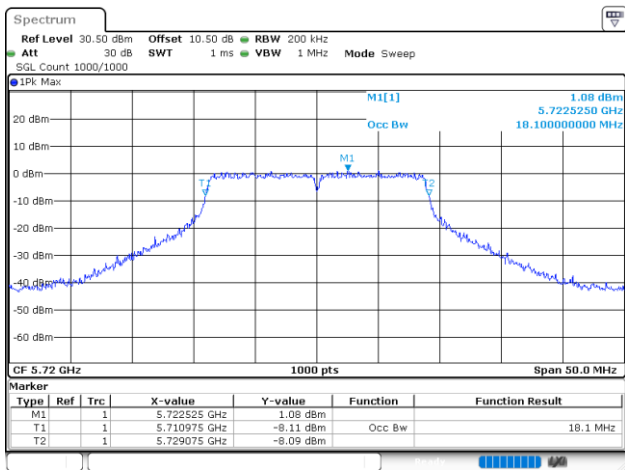
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802.11ac20_5700MHz



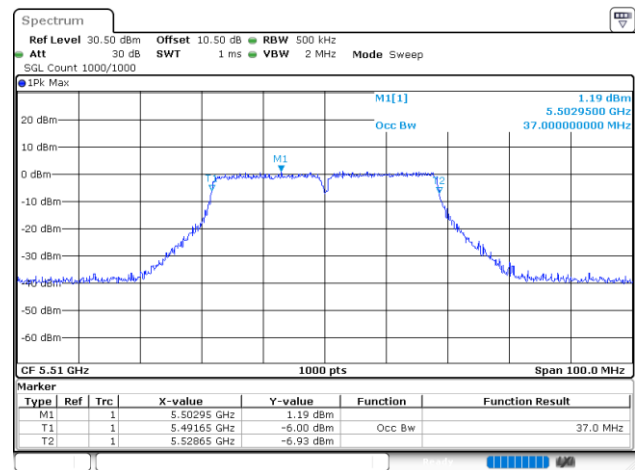
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802.11ac20_5720MHz



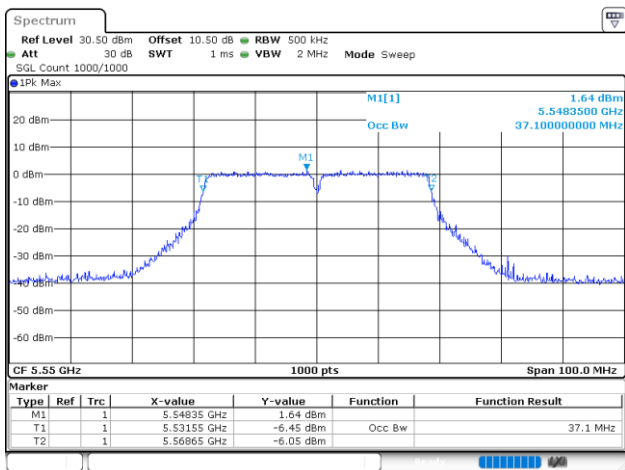
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Date: 15.JUL.2025 17:11:22

802.11ac40_5510MHz



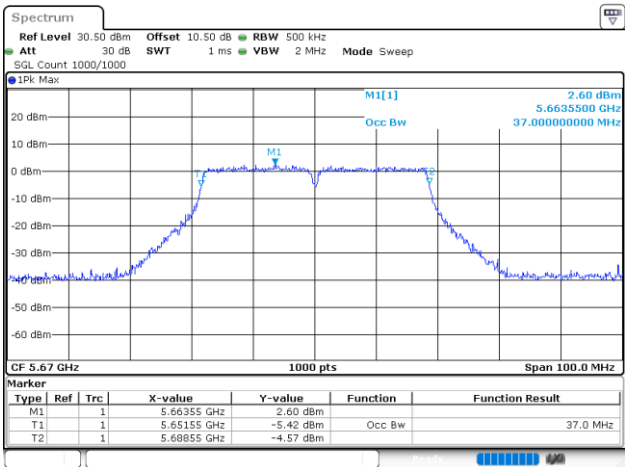
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Date: 15.JUL.2025 17:13:21

802.11ac40_5550MHz



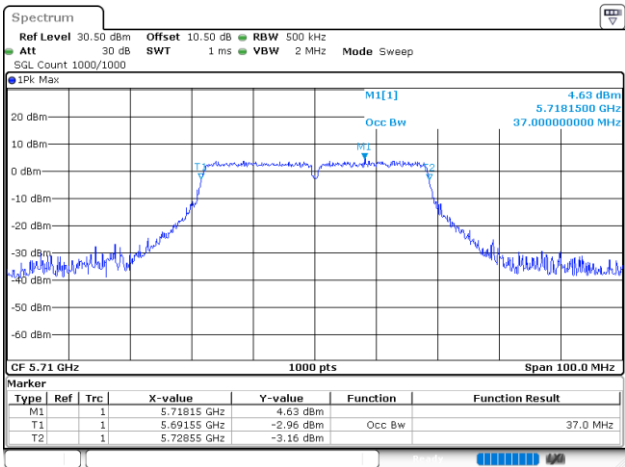
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802.11ac40_5670MHz



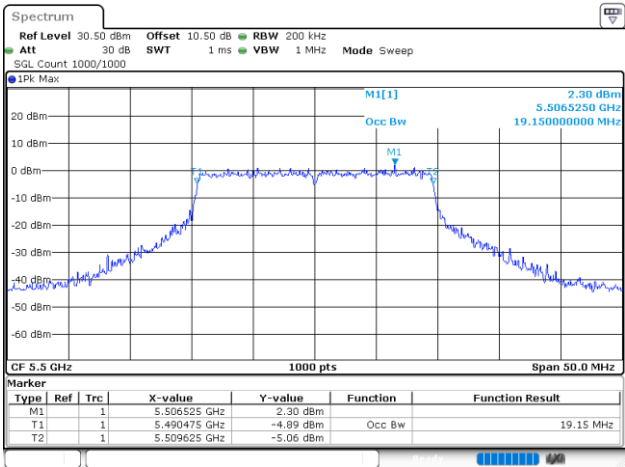
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802.11ac40_5710MHz



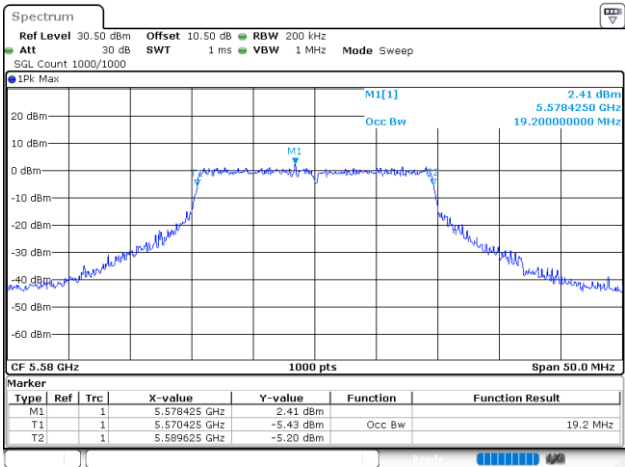
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802.11ax20_5500MHz_RU_Full



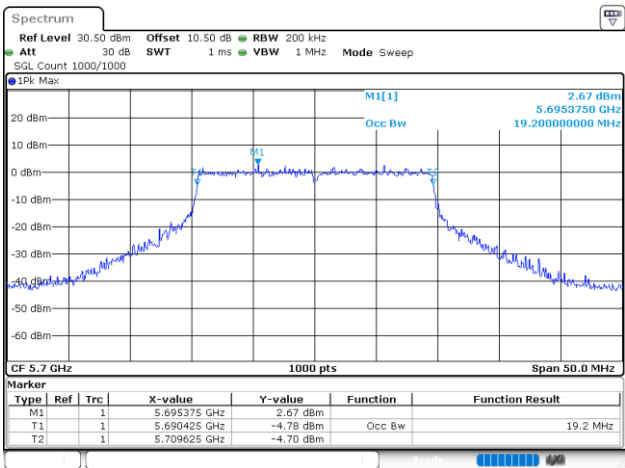
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Date: 15.JUL.2025 17:24:25

802.11ax20_5580MHz_RU_Full



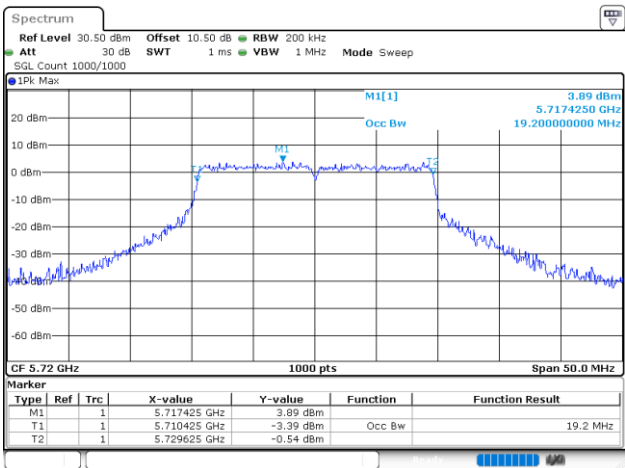
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802.11ax20_5700MHz_RU_Full



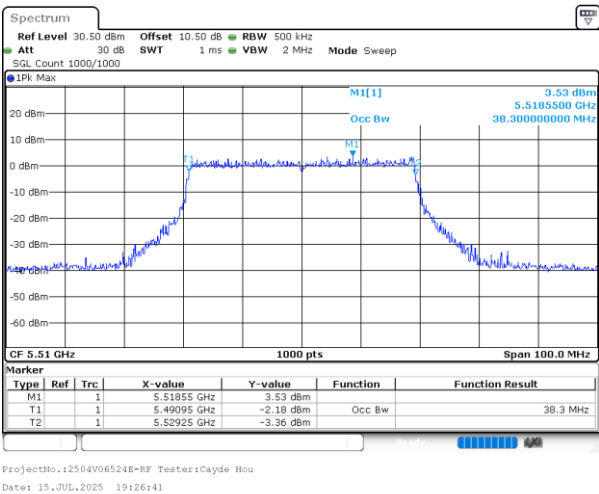
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802.11ax20_5720MHz_RU_Full

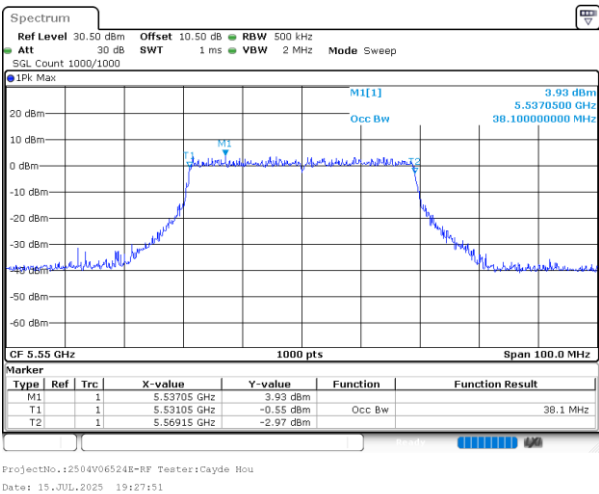


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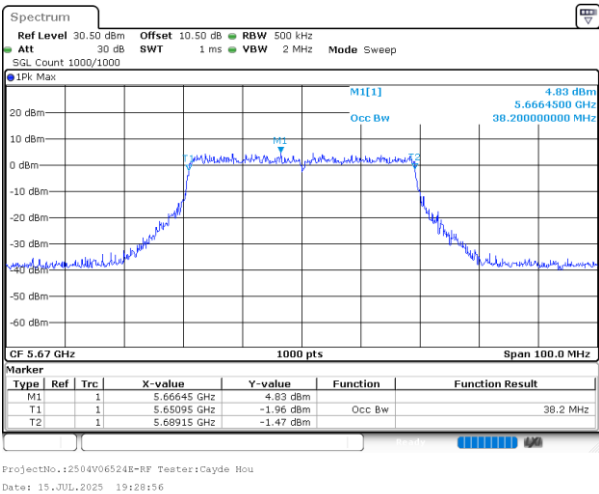
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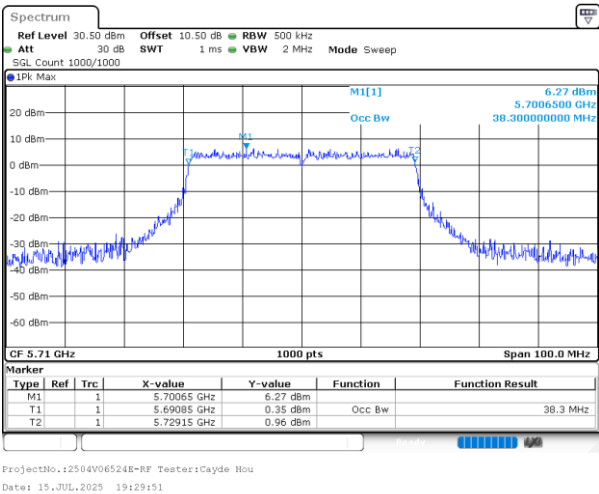
802.11ax40_5550MHz_RU_Full



802.11ax40_5670MHz_RU_Full

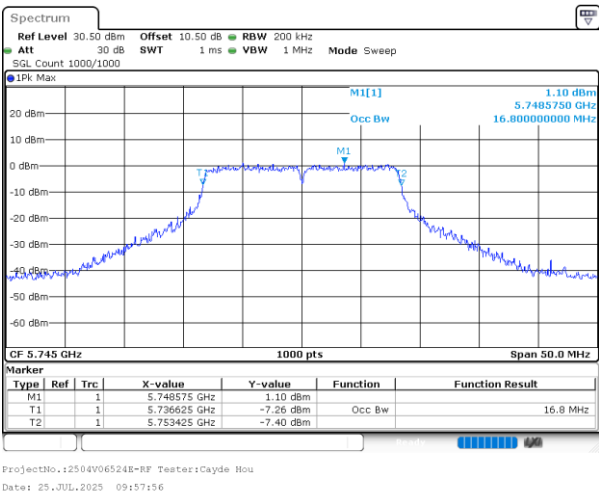


802.11ax40_5710MHz_RU_Full



5725-5850MHz

802.11a_5745MHz



802.11a_5785MHz

