

Appendix A

Test Information:

Sample No.:	2Z1E-1	Test Date:	2025/03/12
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.0	Relative Humidity: (%)	51	ATM Pressure: (kPa)	100.6
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Emission Bandwidth

26dB Emission Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5180	20.241
	5200	19.920
	5240	19.970
802.11ac20	5180	20.493
	5200	20.543
	5240	20.544
802.11ac40	5190	41.041
	5230	41.041
802.11ac80	5210	81.682

5250-5350MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5260	20.291
	5280	20.190
	5320	20.291
802.11ac20	5260	20.645
	5280	20.493
	5320	20.849
802.11ac40	5270	40.741
	5310	41.041
802.11ac80	5290	81.481

5470-5725MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5500	19.970
	5580	20.140
	5700	20.190
	5720	20.341
802.11ac20	5500	20.544
	5580	20.645
	5700	20.644
	5720	20.642
802.11ac40	5510	40.941
	5550	40.841
	5670	40.841
	5710	40.941
802.11ac80	5530	81.281
	5610	81.481
	5690	81.682

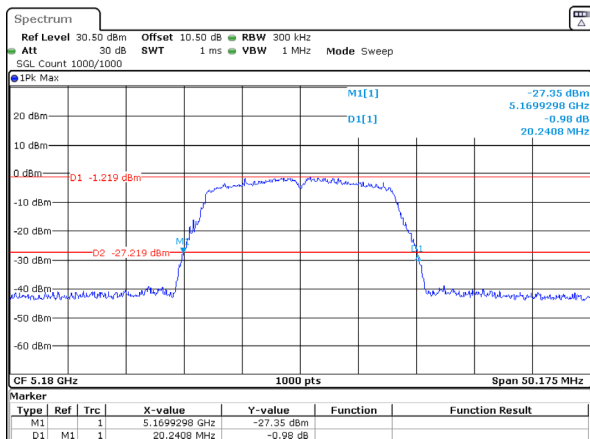
6dB Emission Bandwidth

5725-5850MHz

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	5745	16.466	0.5	Pass
	5785	16.416	0.5	Pass
	5825	16.366	0.5	Pass
802.11ac20	5745	17.668	0.5	Pass
	5785	17.668	0.5	Pass
	5825	17.668	0.5	Pass
802.11ac40	5755	36.336	0.5	Pass
	5795	35.936	0.5	Pass
802.11ac80	5775	76.476	0.5	Pass

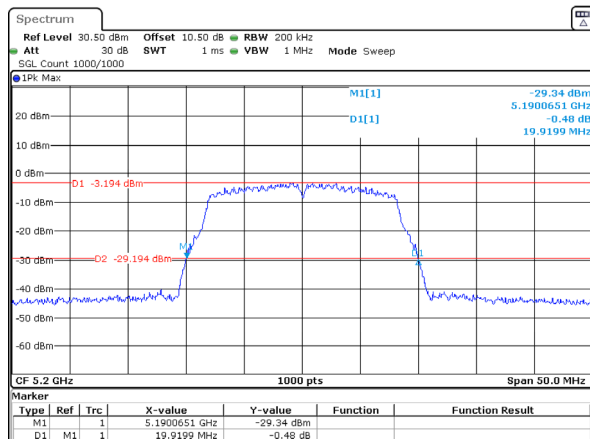
5150-5250MHz

802.11a_5180MHz



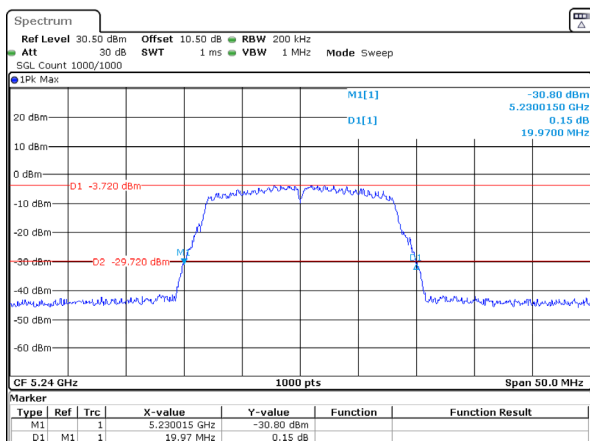
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 13:58:50

802.11a_5200MHz



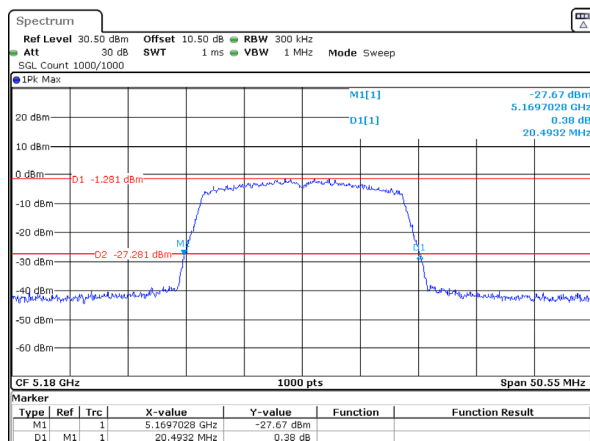
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802.11a_5240MHz



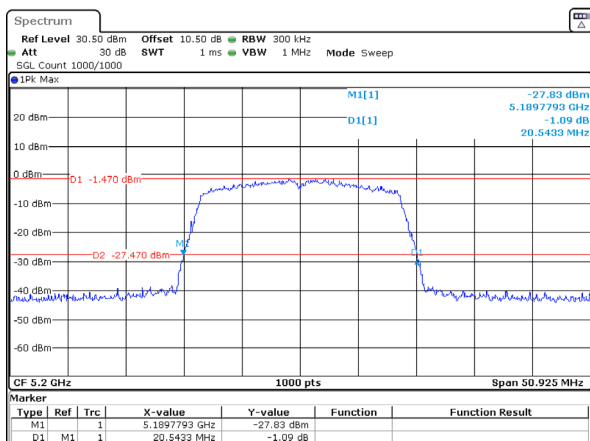
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802.11ac20_5180MHz



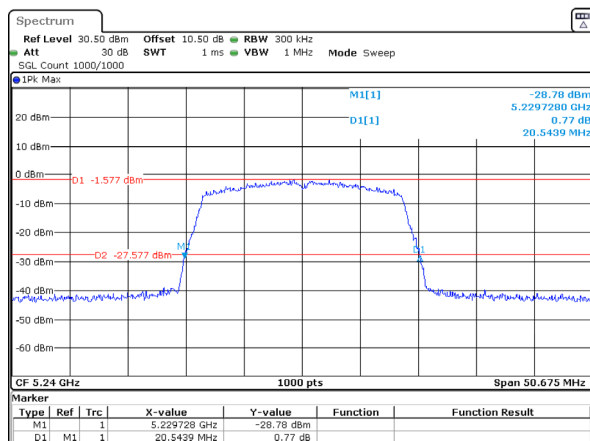
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802.11ac20_5200MHz



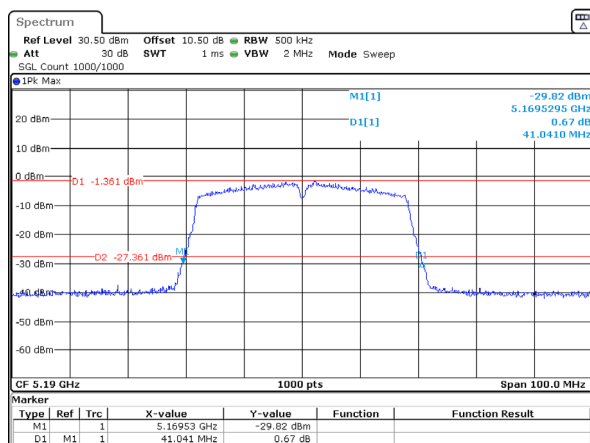
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802.11ac20_5240MHz



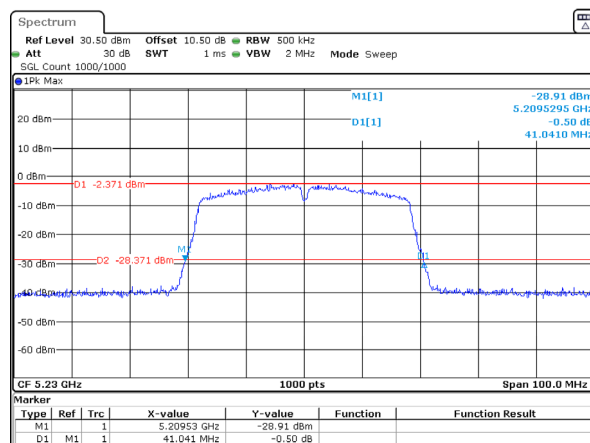
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802.11ac40_5190MHz



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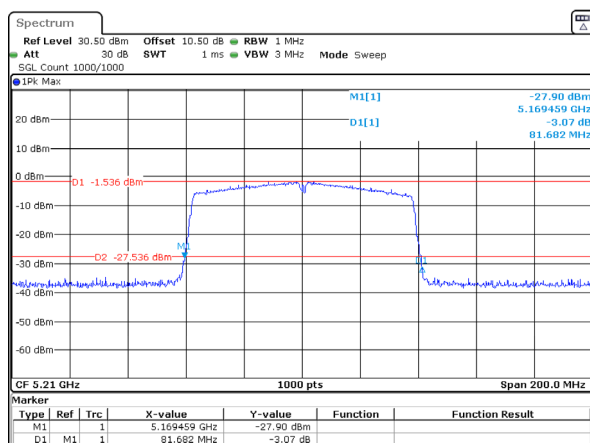
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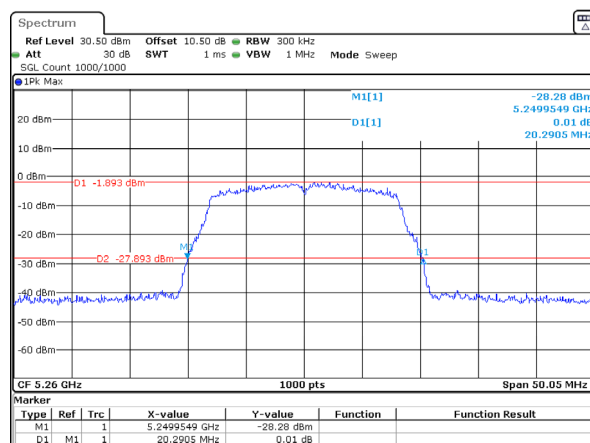
5250-5350MHz

802.11ac80_5210MHz



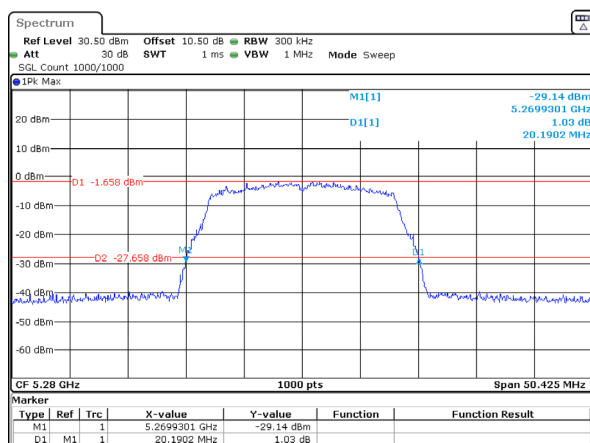
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802.11a_5260MHz



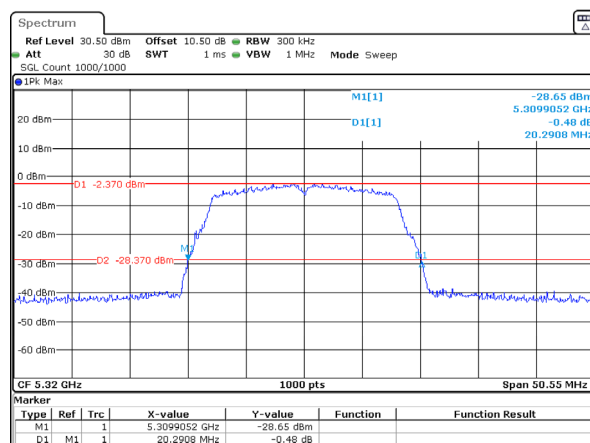
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802.11a_5280MHz



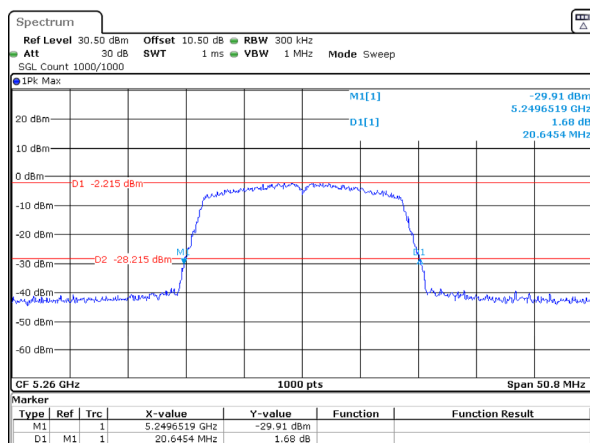
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802.11a_5320MHz



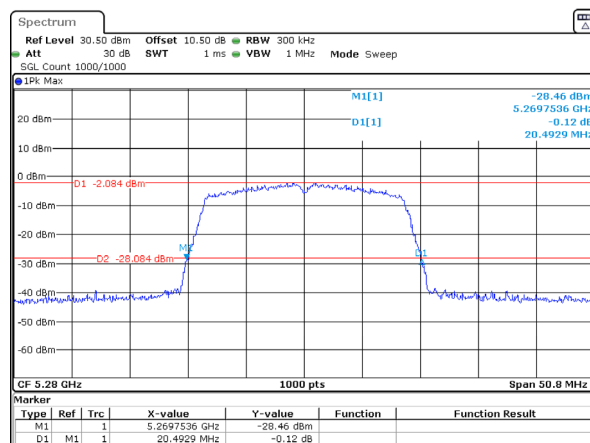
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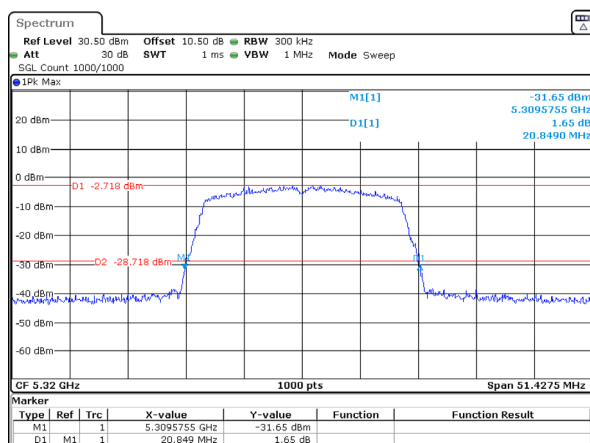
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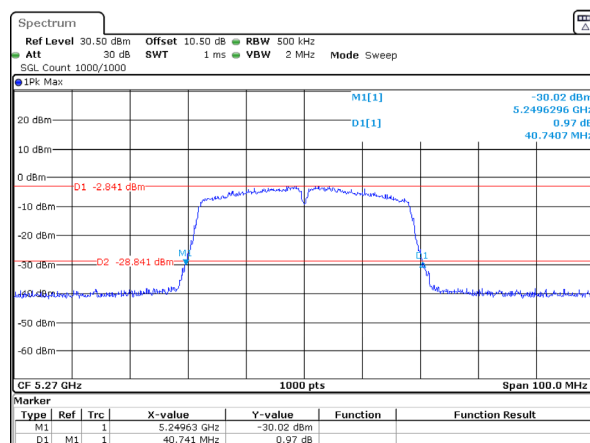
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802.11ac20_5320MHz



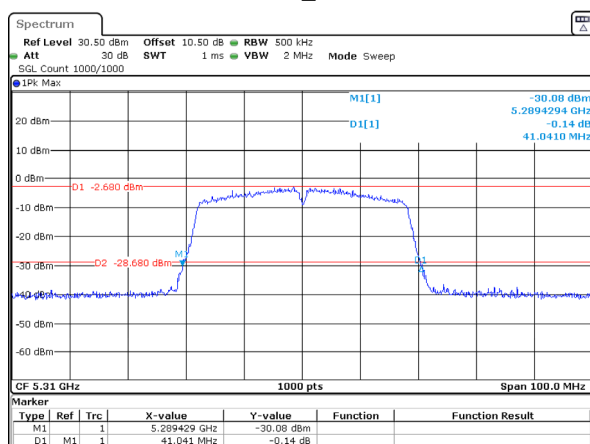
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802.11ac40_5270MHz



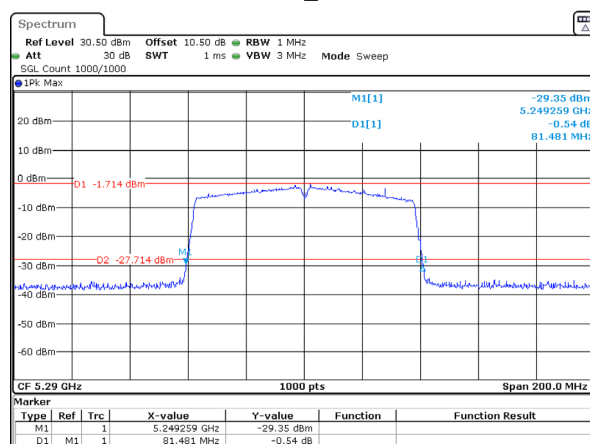
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802.11ac40_5310MHz



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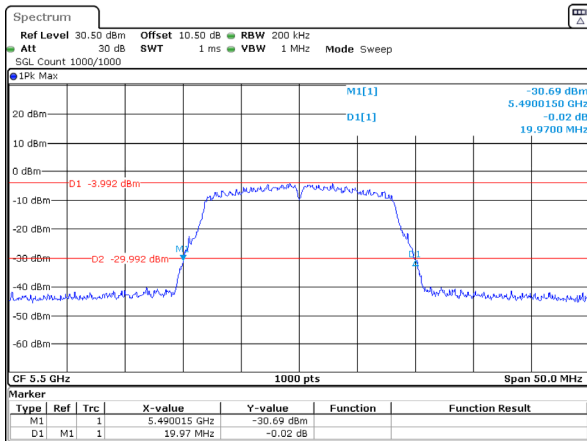
802.11ac80_5290MHz



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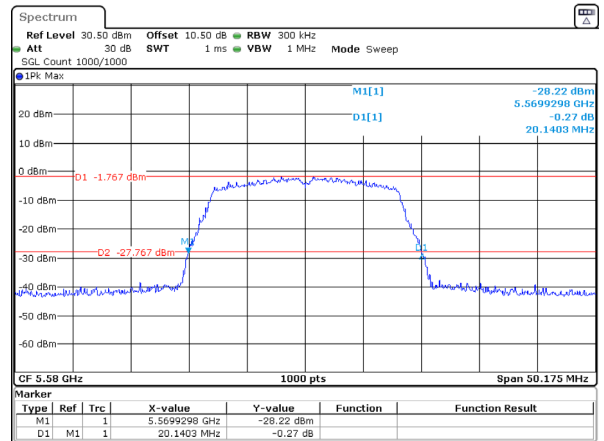
5470-5725MHz

802.11a_5500MHz



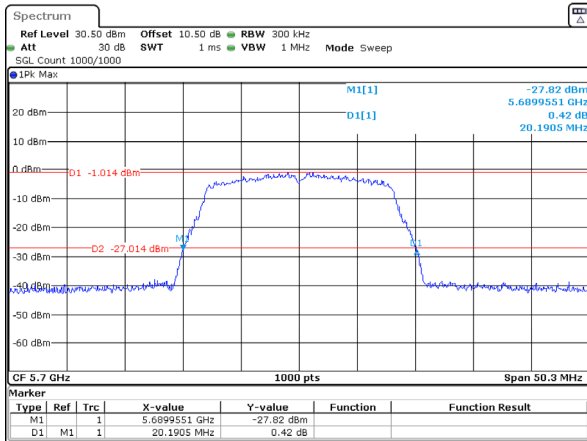
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802.11a_5580MHz



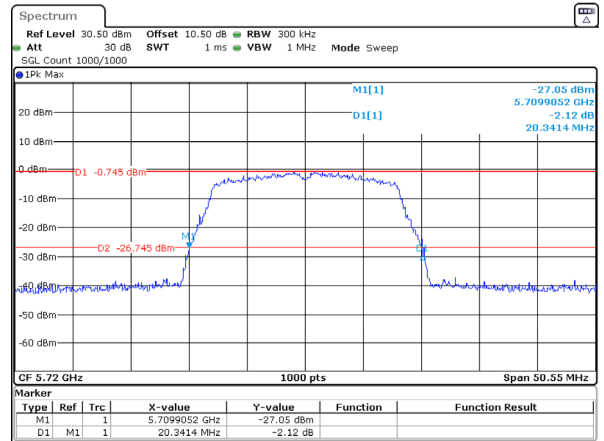
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802.11a_5700MHz



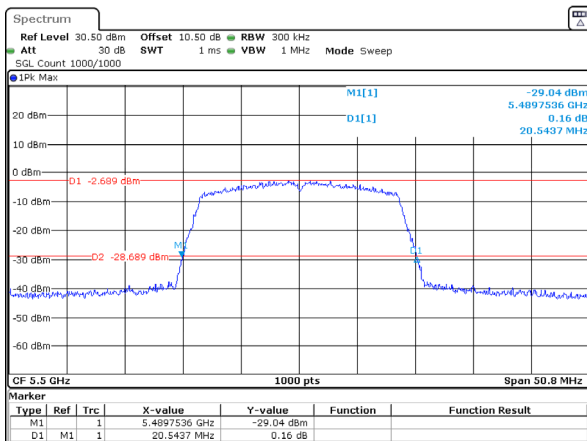
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802.11a_5720MHz



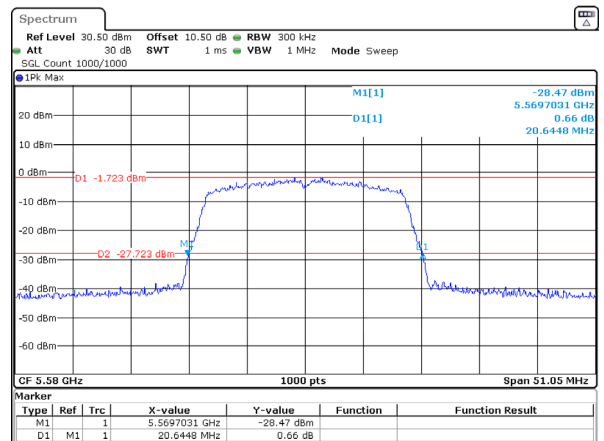
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802.11ac20_5500MHz



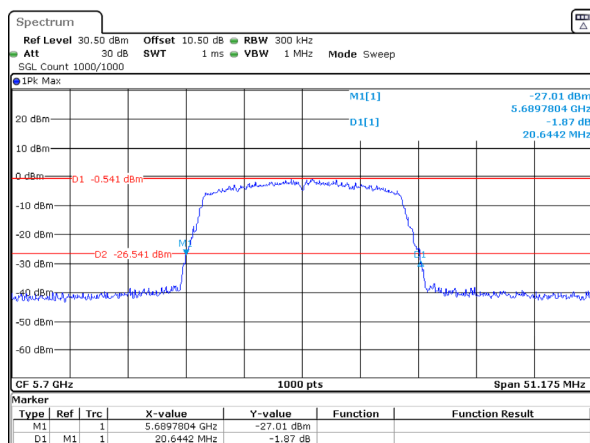
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802.11ac20_5580MHz



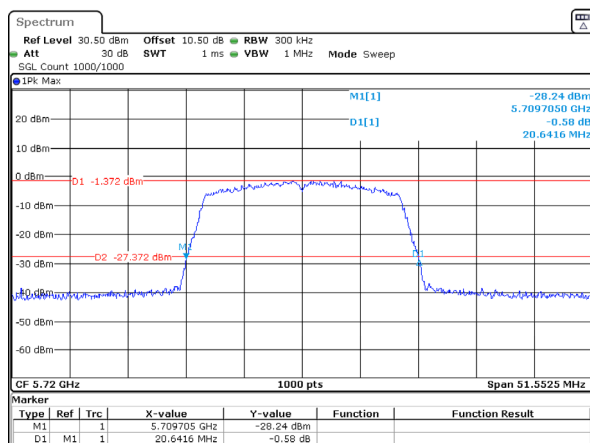
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802.11ac20_5700MHz



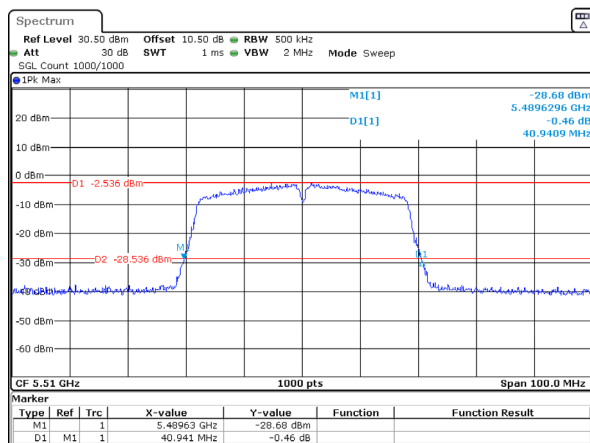
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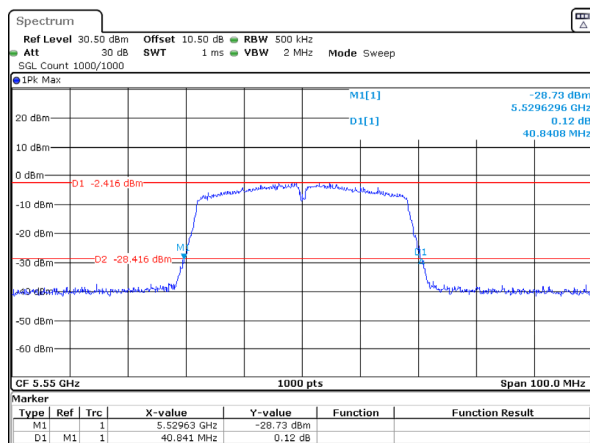
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802.11ac40_5510MHz



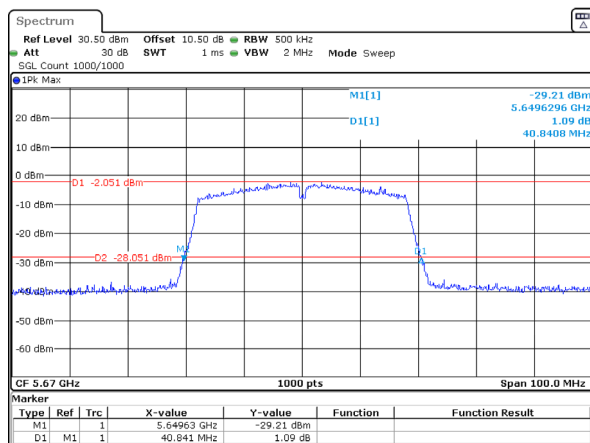
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802.11ac40_5550MHz



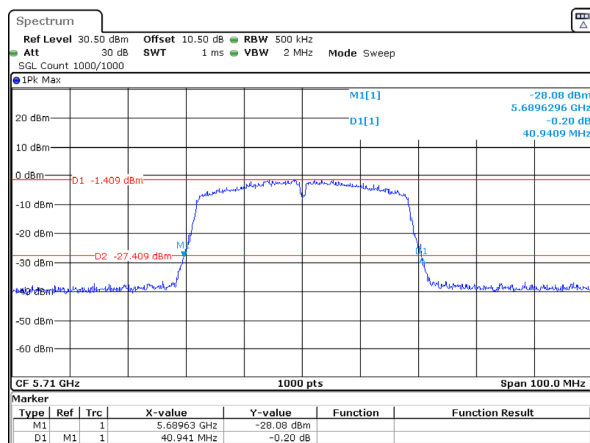
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802.11ac40_5670MHz



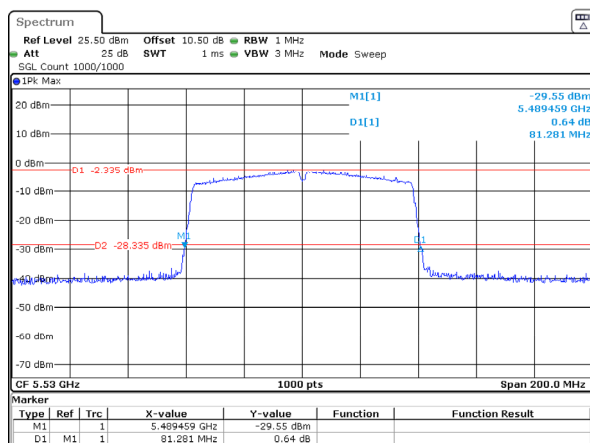
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802.11ac40_5710MHz



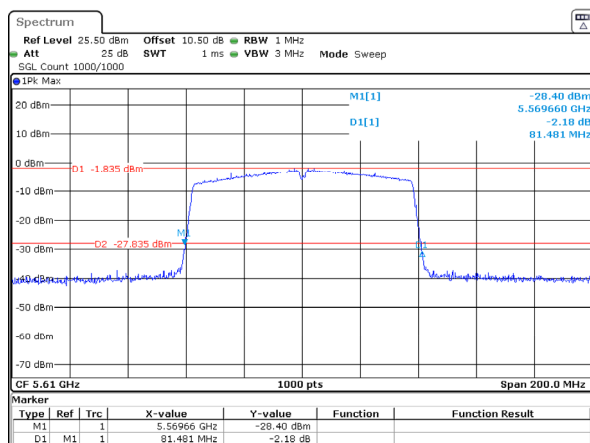
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802.11ac80_5530MHz



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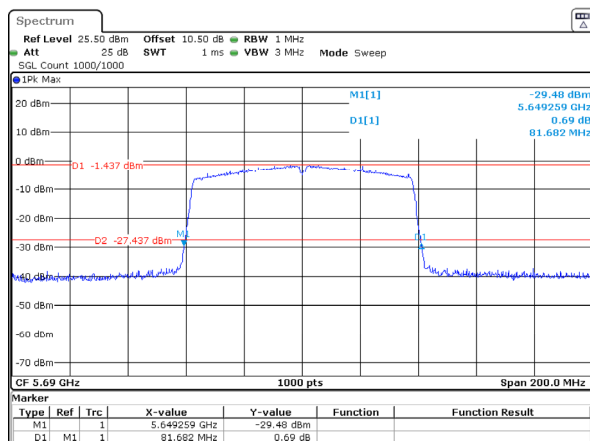
802.11ac80_5610MHz



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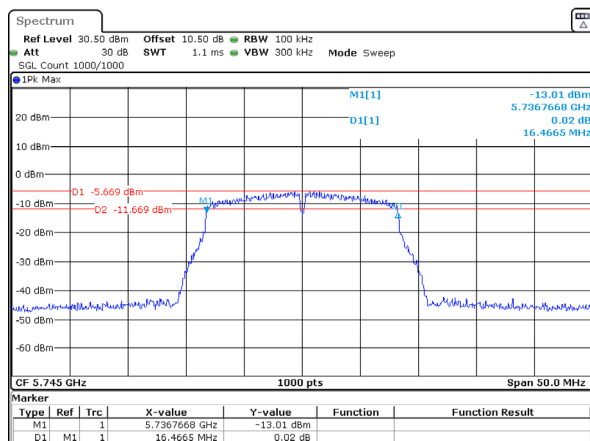
5725-5850MHz

802.11ac80_5690MHz



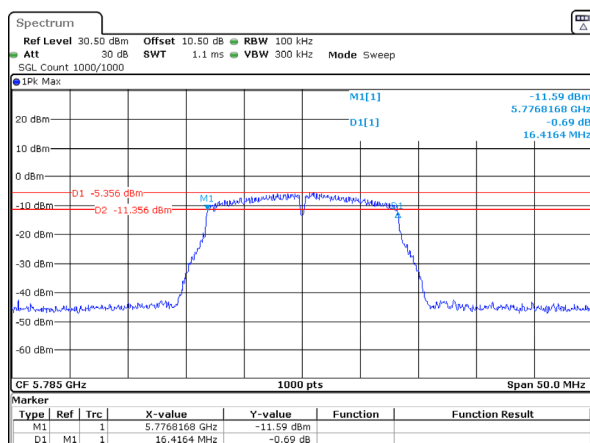
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802.11a_5745MHz



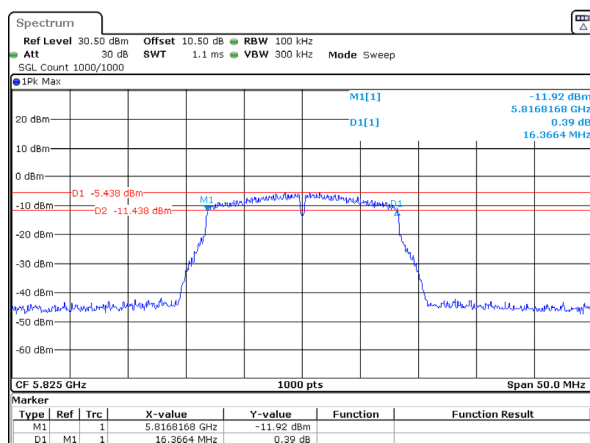
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802.11a_5785MHz



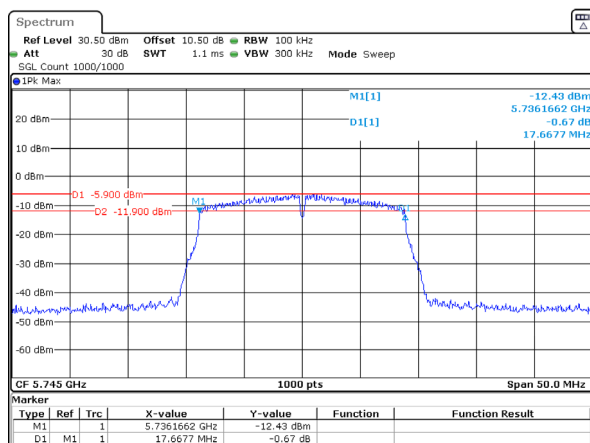
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802.11a_5825MHz



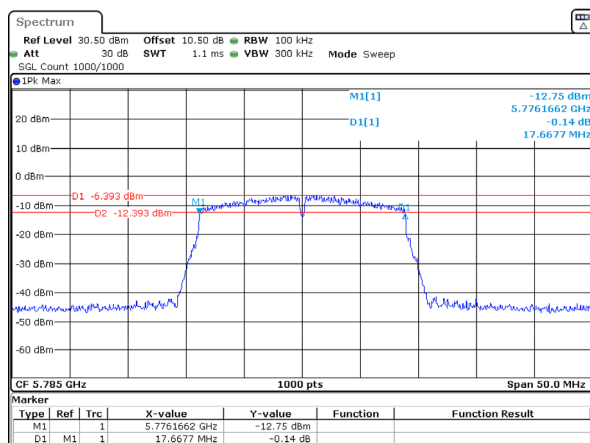
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802.11ac20_5745MHz



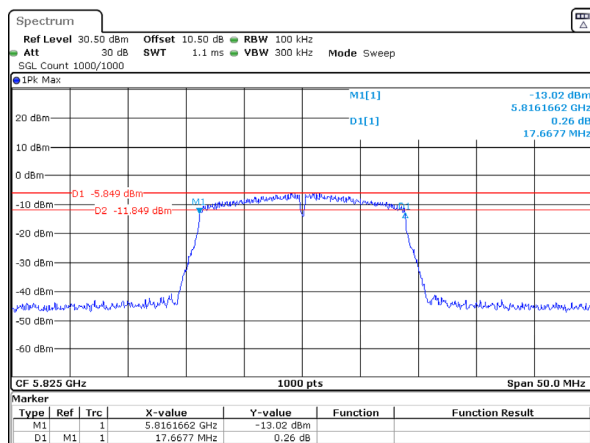
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802.11ac20_5785MHz



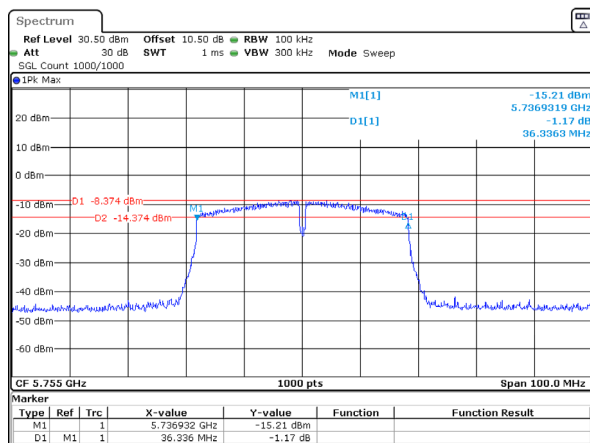
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802.11ac20_5825MHz



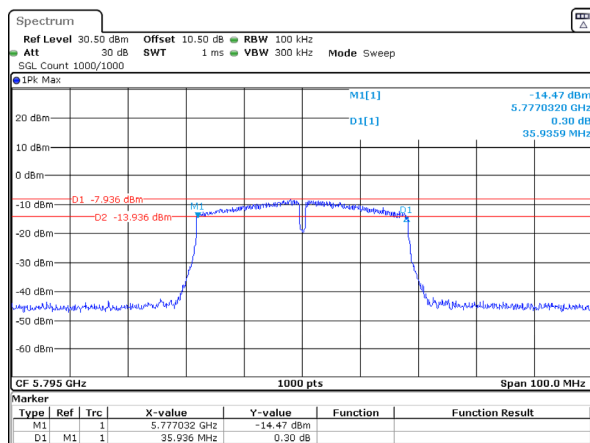
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802.11ac40_5755MHz



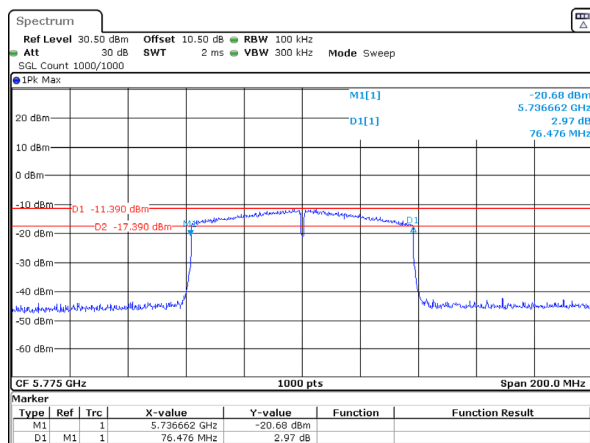
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802.11ac40_5795MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:28:44

802.11ac80_5775MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:30:21

99% Occupied Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5180	16.550
	5200	16.450
	5240	16.550
802.11ac20	5180	17.600
	5200	17.650
	5240	17.650
802.11ac40	5190	36.200
	5230	36.200
802.11ac80	5210	75.400

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	16.500
	5280	16.450
	5320	16.500
802.11ac20	5260	17.600
	5280	17.600
	5320	17.650
802.11ac40	5270	36.200
	5310	36.200
802.11ac80	5290	75.400

5470-5725MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5500	16.500
	5580	16.550
	5700	16.600
	5720	16.500
802.11ac20	5500	17.600
	5580	17.600
	5700	17.600
	5720	17.650
802.11ac40	5510	36.100
	5550	36.200
	5670	36.200
	5710	36.100
802.11ac80	5530	75.400
	5610	75.400
	5690	75.200

5725-5850MHz

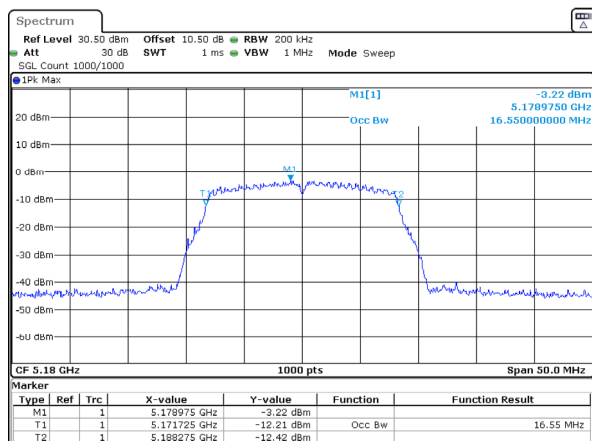
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5745	16.500
	5785	16.550
	5825	16.500
802.11ac20	5745	17.600
	5785	17.650
	5825	17.600
802.11ac40	5755	36.200
	5795	36.100
802.11ac80	5775	75.200

Note:

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

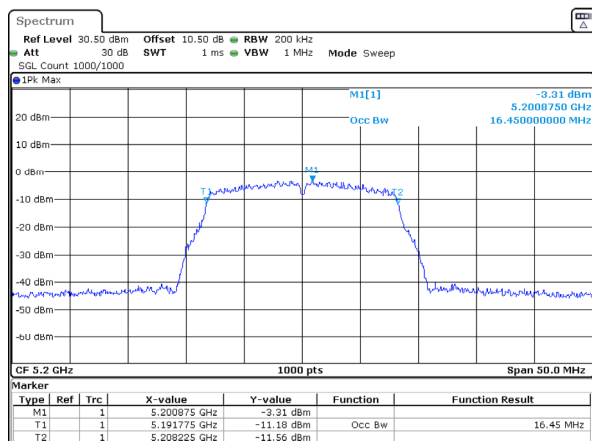
5150-5250MHz

802.11a_5180MHz



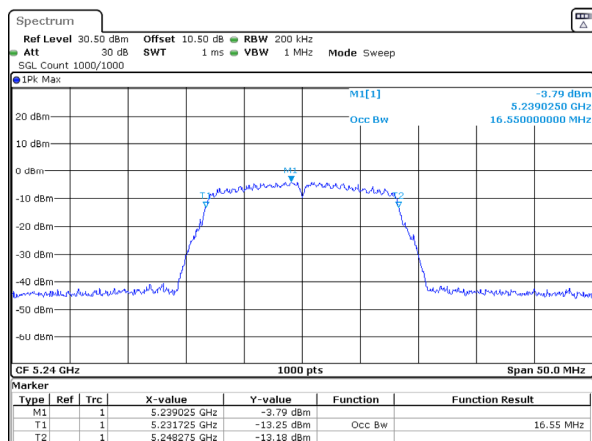
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Date: 12.MAR.2025 13:59:36

802.11a_5200MHz



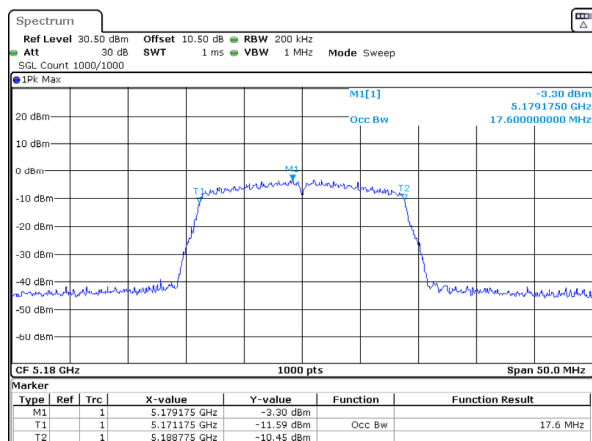
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802.11a_5240MHz



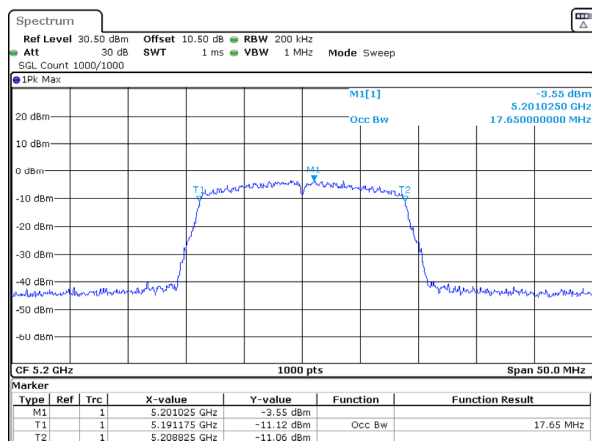
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802.11ac20_5180MHz



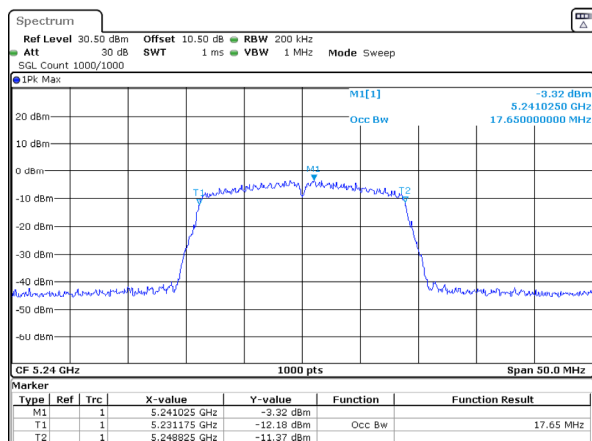
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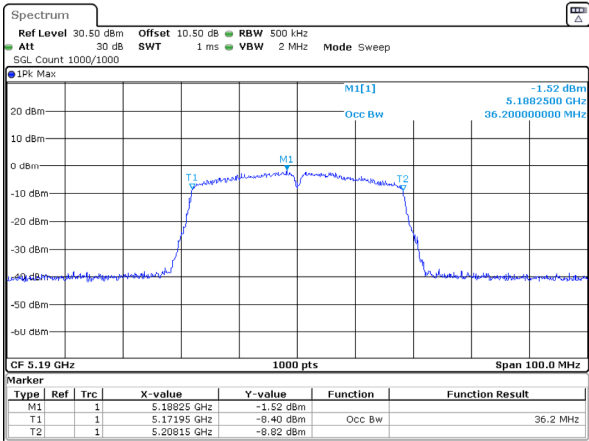
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802.11ac20_5240MHz



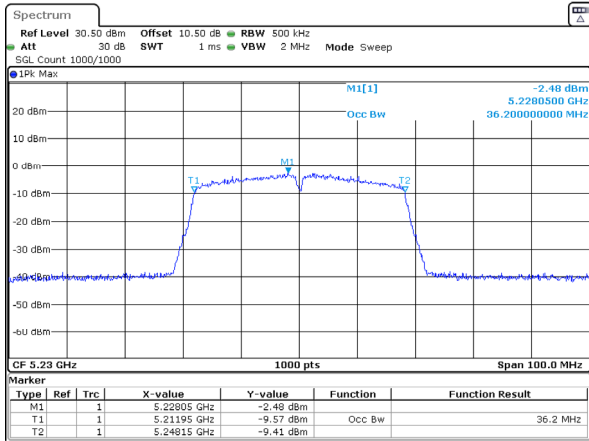
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802.11ac40_5190MHz



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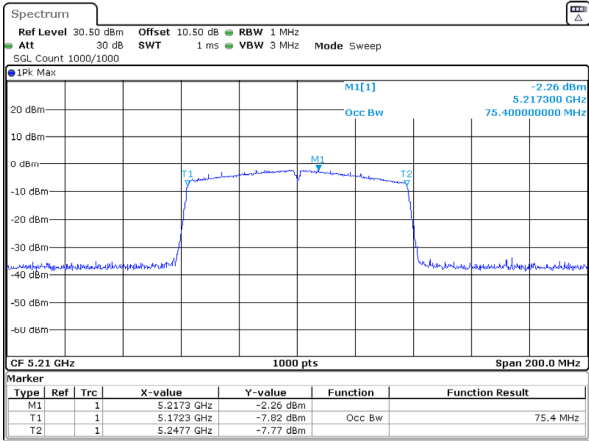
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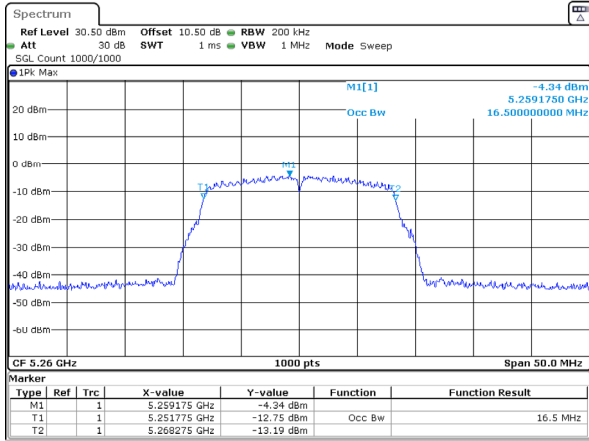
5250-5350MHz

802.11ac80_5210MHz



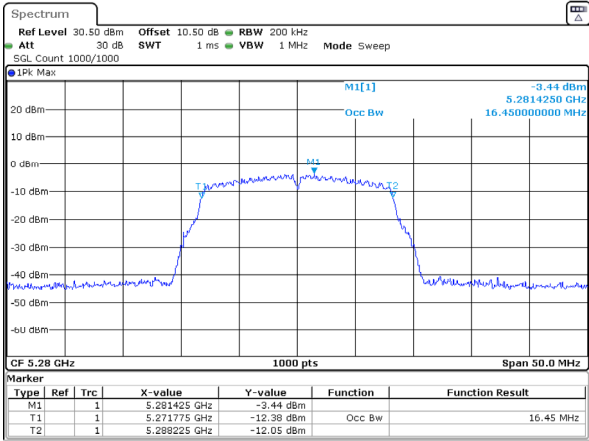
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:15:19

802.11a_5260MHz



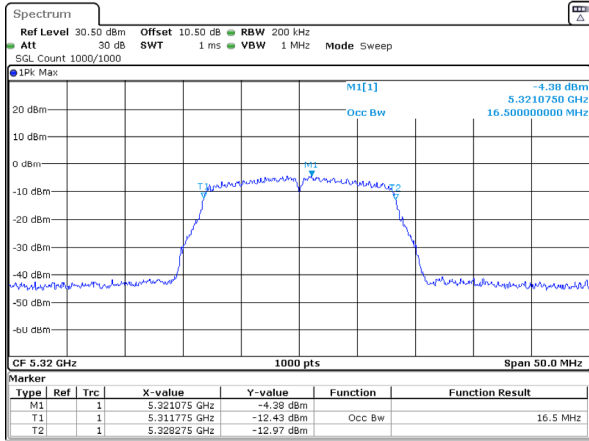
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:18:35

802.11a_5280MHz



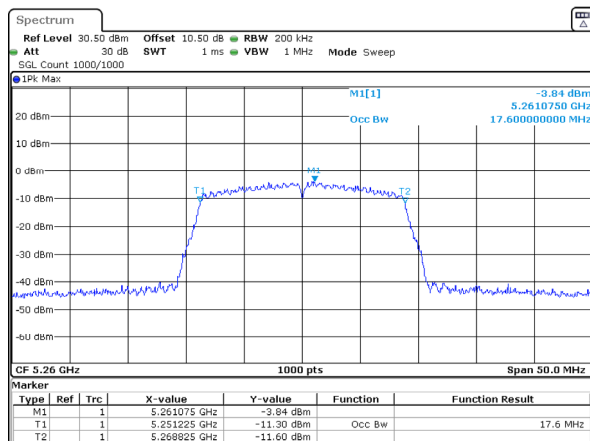
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Date: 12.MAR.2025 14:21:10

802.11a_5320MHz



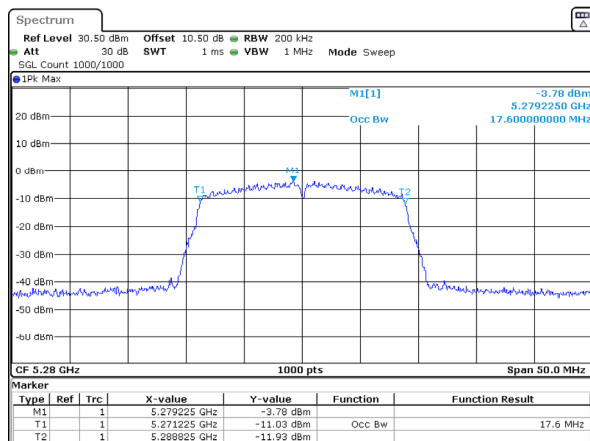
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:23:18

802.11ac20_5260MHz



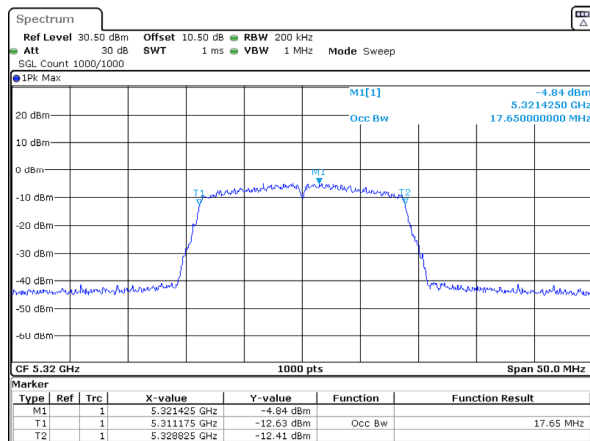
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Date: 12.MAR.2025 14:25:39

802.11ac20_5280MHz



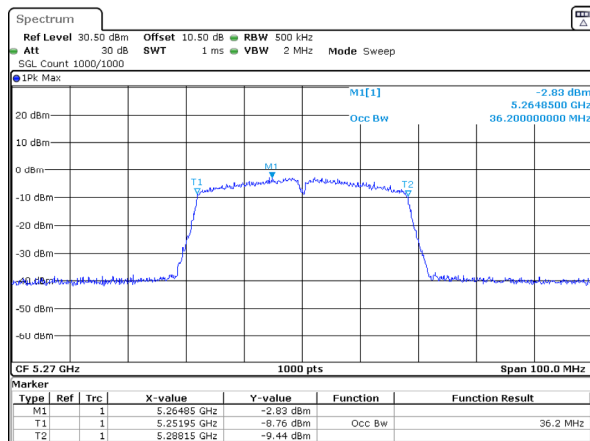
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Date: 12.MAR.2025 14:28:00

802.11ac20_5320MHz



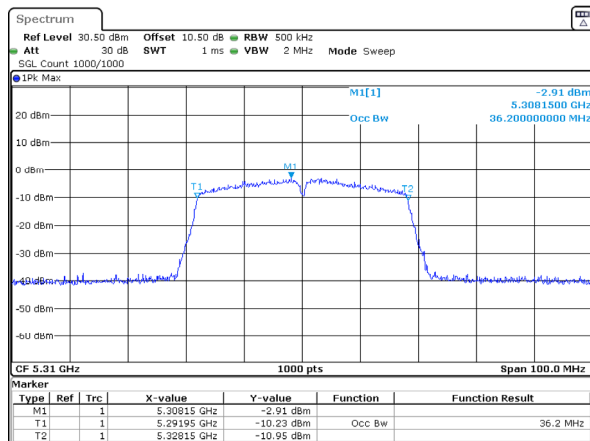
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:30:18

802.11ac40_5270MHz



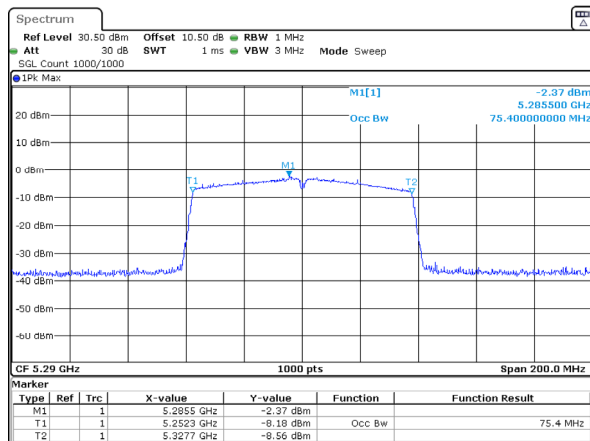
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:31:55

802.11ac40_5310MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:33:31

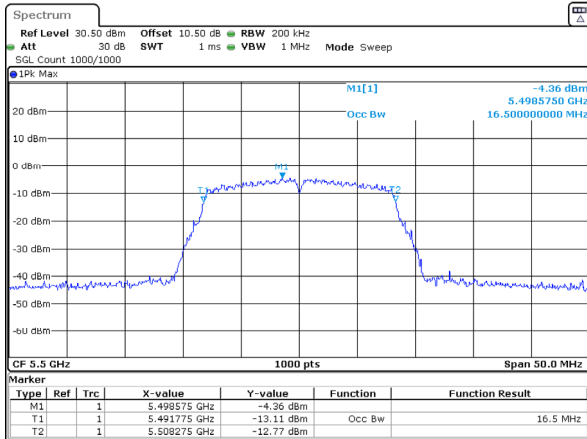
802.11ac80_5290MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:35:14

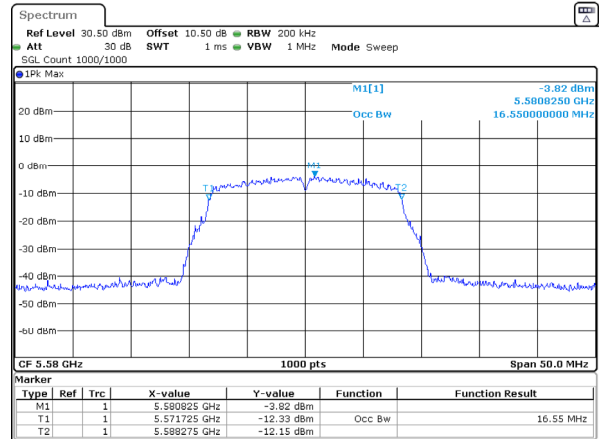
5470-5725MHz

802.11a_5500MHz



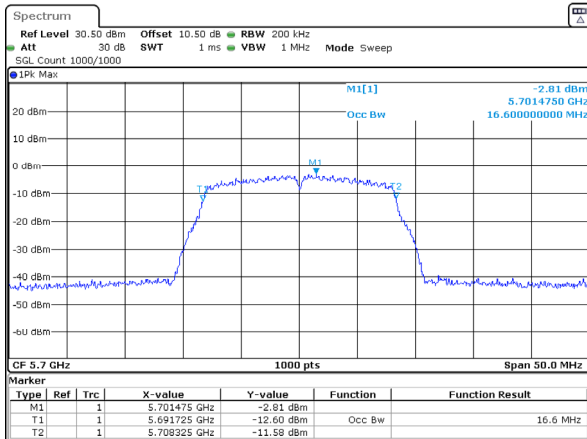
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Date: 12.MAR.2025 14:38:04

802.11a_5580MHz



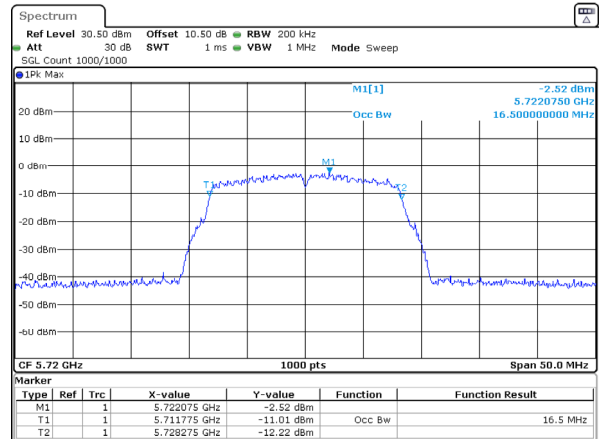
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802.11a_5700MHz



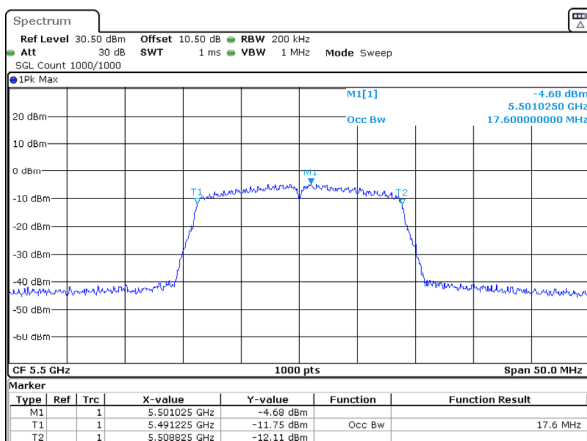
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802.11a_5720MHz



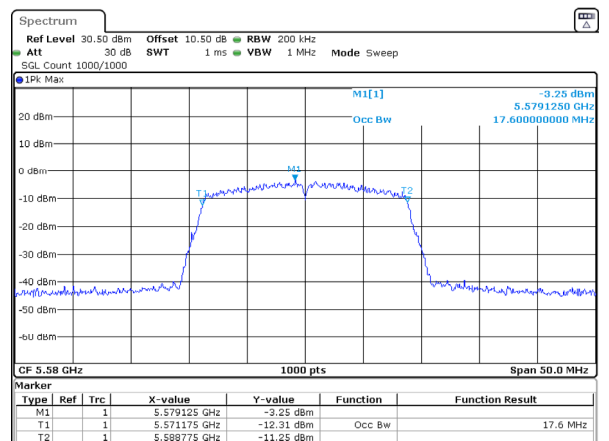
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802.11ac20_5500MHz



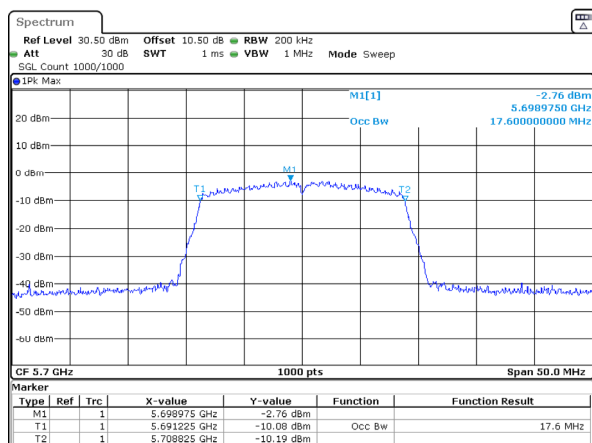
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Date: 12.MAR.2025 14:49:13

802.11ac20_5580MHz



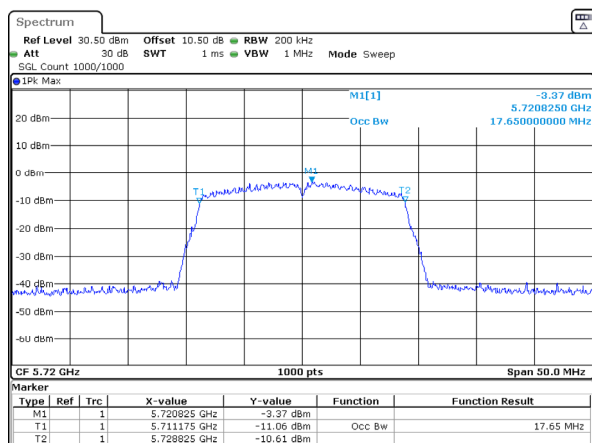
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Date: 12.MAR.2025 14:51:36

802.11ac20_5700MHz



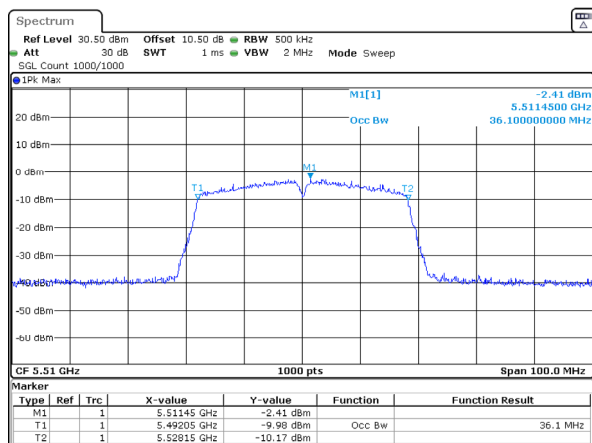
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Date: 12.MAR.2025 14:54:19

802.11ac20_5720MHz



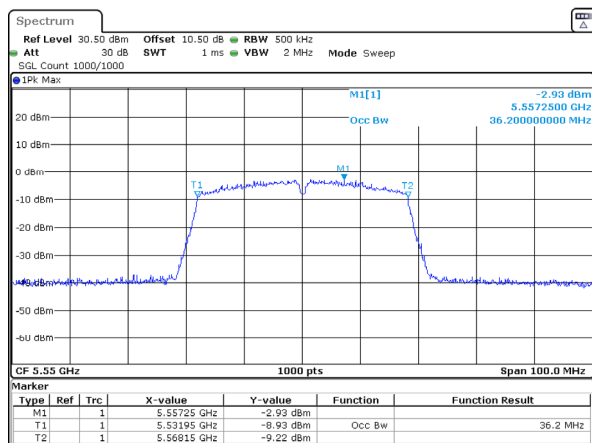
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 14:58:10

802.11ac40_5510MHz



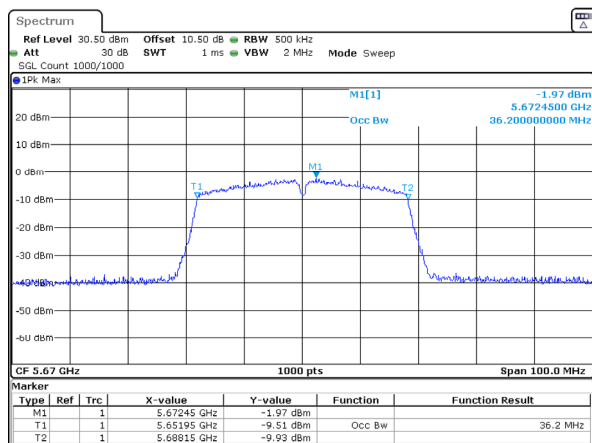
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Date: 12.MAR.2025 14:59:56

802.11ac40_5550MHz



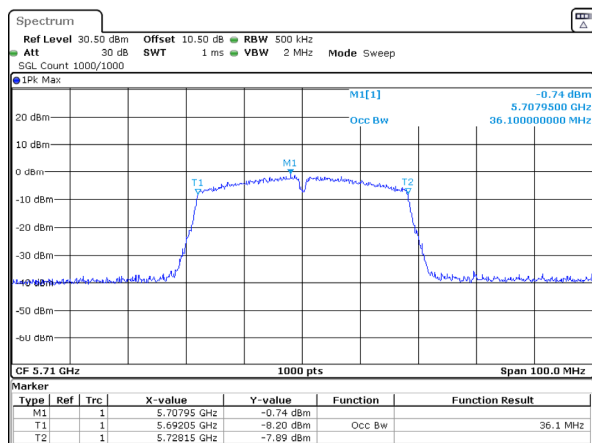
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Date: 12.MAR.2025 15:01:24

802.11ac40_5670MHz



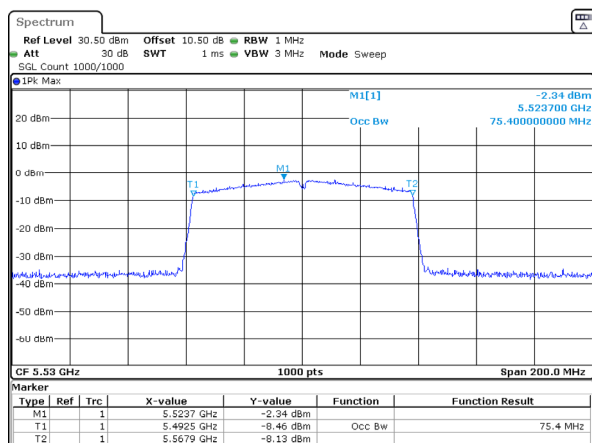
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802.11ac40_5710MHz



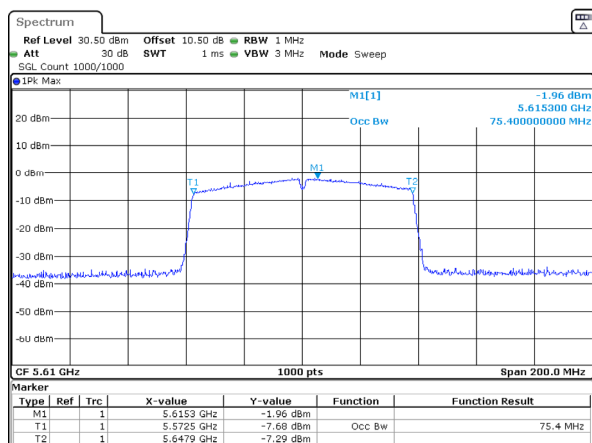
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:04:10

802.11ac80_5530MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:06:09

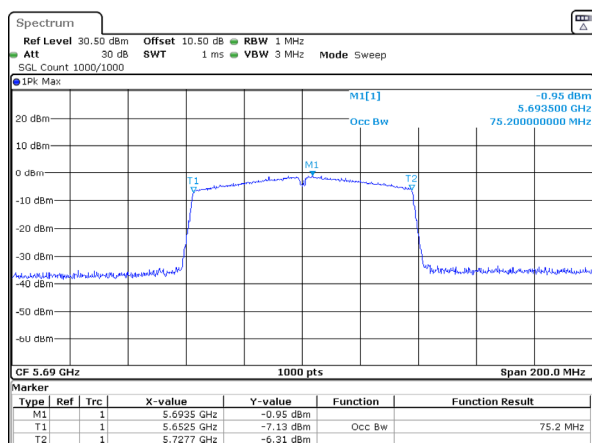
802.11ac80_5610MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:07:49

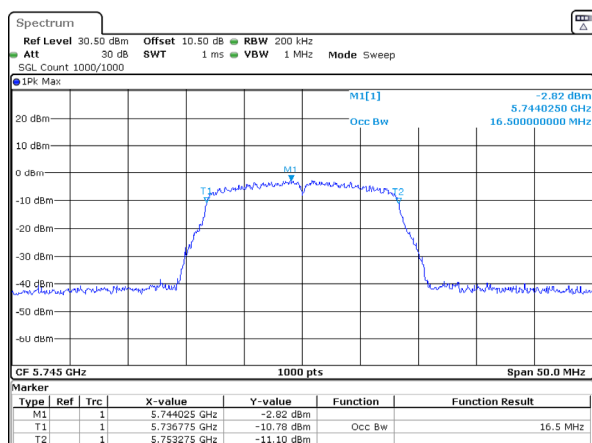
5725-5850MHz

802.11ac80_5690MHz



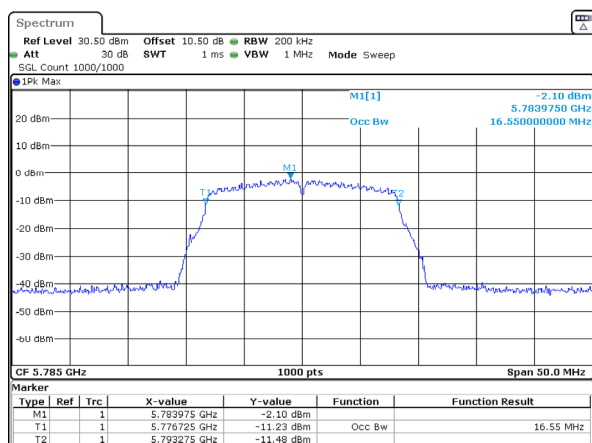
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Date: 12.MAR.2025 15:09:20

802.11a_5745MHz



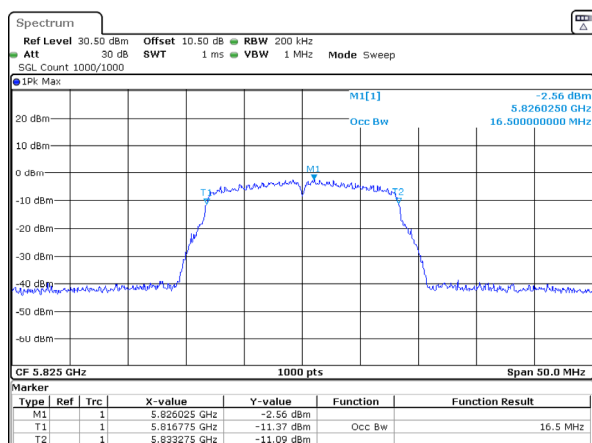
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Date: 12.MAR.2025 15:12:35

802.11a_5785MHz



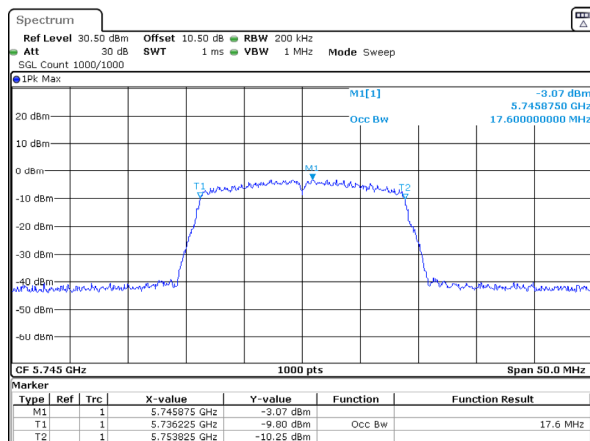
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Date: 12.MAR.2025 15:15:09

802.11a_5825MHz



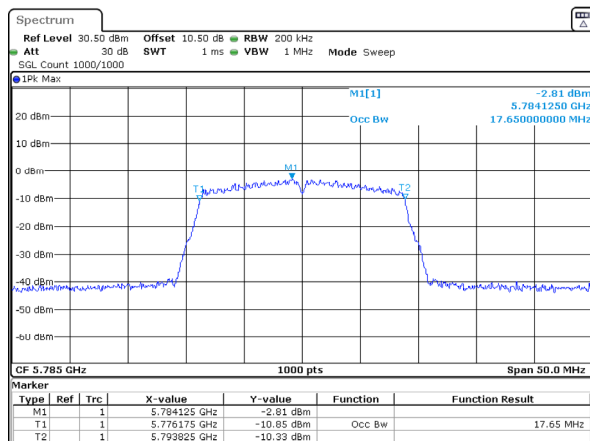
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Date: 12.MAR.2025 15:17:12

802.11ac20_5745MHz



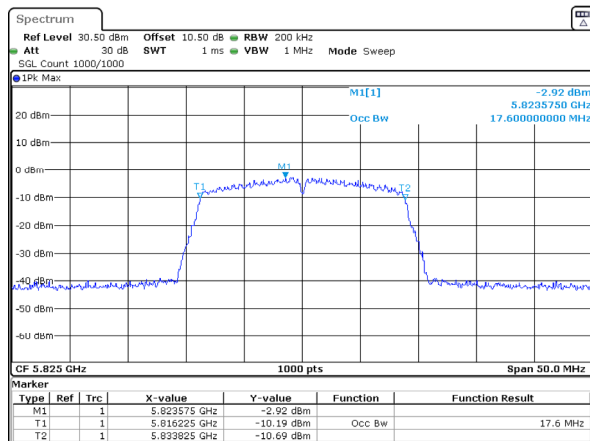
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Date: 12.MAR.2025 15:19:52

802.11ac20_5785MHz



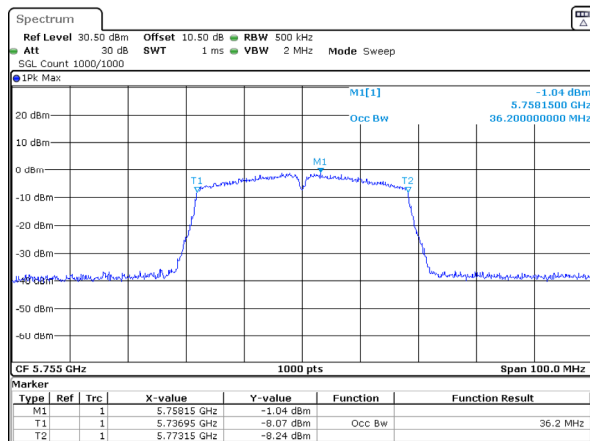
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Date: 12.MAR.2025 15:23:55

802.11ac20_5825MHz



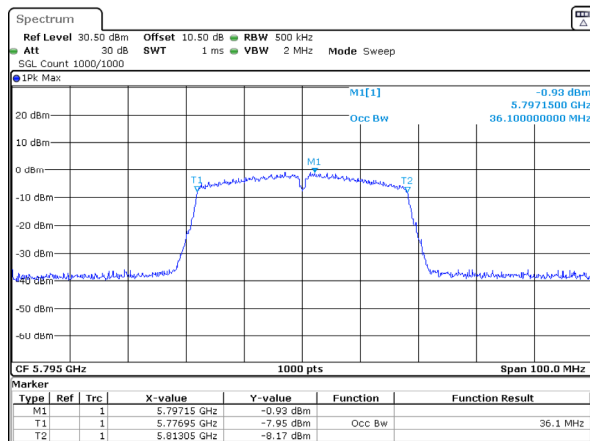
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Date: 12.MAR.2025 15:25:57

802.11ac40_5755MHz



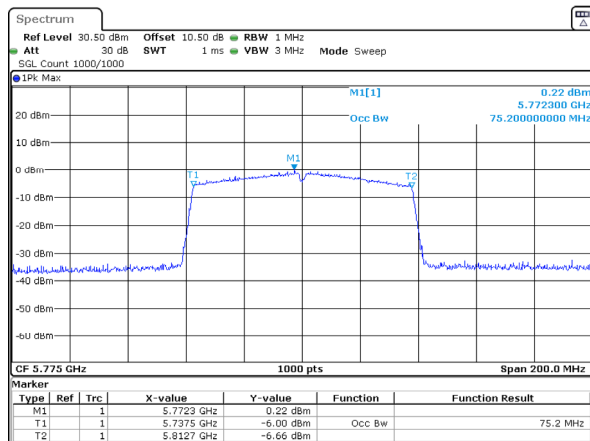
ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:27:38

802.11ac40_5795MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:29:05

802.11ac80_5775MHz



ProjectNo.:2501Q06878E-RF Tester:Rainbow Zhu
Date: 12.MAR.2025 15:30:48

Maximum Conducted Output Power

5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5180	6.67	24	Pass
	5200	6.63	24	Pass
	5240	6.05	24	Pass
802.11ac20	5180	6.59	24	Pass
	5200	6.68	24	Pass
	5240	6.18	24	Pass
802.11ac40	5190	6.62	24	Pass
	5230	5.95	24	Pass
802.11ac80	5210	6.17	24	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5260	5.81	24	Pass
	5280	6.11	24	Pass
	5320	5.59	24	Pass
802.11ac20	5260	6.0	24	Pass
	5280	5.98	24	Pass
	5320	5.34	24	Pass
802.11ac40	5270	5.73	24	Pass
	5310	5.42	24	Pass
802.11ac80	5290	5.39	24	Pass