

Appendix A

Test Information:

Sample No.:	307J-1	Test Date:	2025/04/09~2025/05/10
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2-25.5	Relative Humidity: (%)	46-49	ATM Pressure: (kPa)	100.7-101
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Emission Bandwidth

26dB Emission Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5180	27.132
	5200	28.783
	5240	27.024
802.11n20	5180	26.240
	5200	27.468
	5240	26.464
802.11n40	5190	39.640
	5230	39.540

5250-5350MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5260	24.773
	5280	26.546
	5320	24.733
802.11n20	5260	28.790
	5280	25.914
	5320	26.479
802.11n40	5270	39.439
	5310	39.540

5470-5725MHz

Mode	Test Frequency (MHz)	Result (MHz)
802.11a	5500	22.062
	5580	22.226
	5700	22.117
	5720	22.113
802.11n20	5500	19.419
	5580	19.419
	5700	19.870
	5720	19.670
802.11n40	5510	39.540
	5550	39.640
	5670	39.940
	5710	39.640

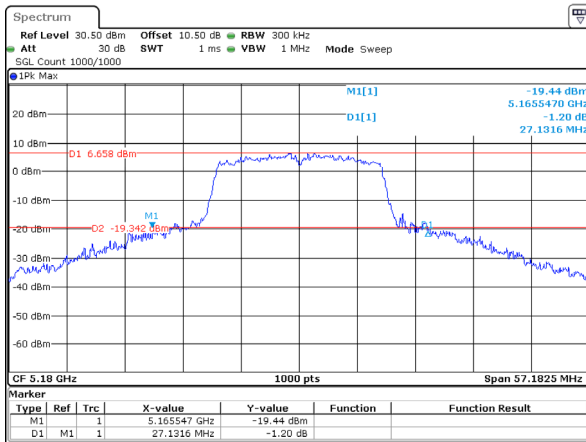
6dB Emission Bandwidth

5725-5850MHz

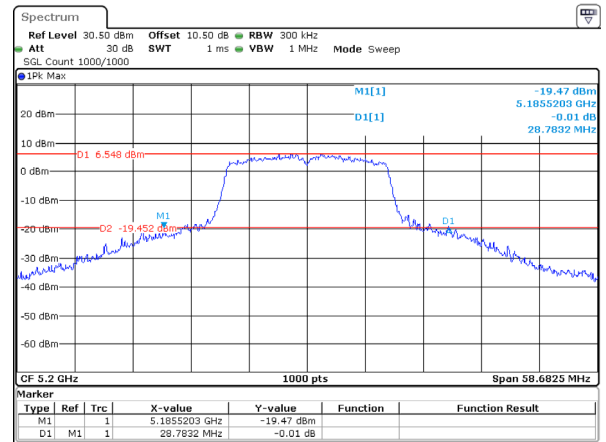
Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	5745	15.566	0.5	Pass
	5785	16.116	0.5	Pass
	5825	15.866	0.5	Pass
802.11n20	5745	16.416	0.5	Pass
	5785	16.366	0.5	Pass
	5825	15.816	0.5	Pass
802.11n40	5755	35.536	0.5	Pass
	5795	35.536	0.5	Pass

5150-5250MHz

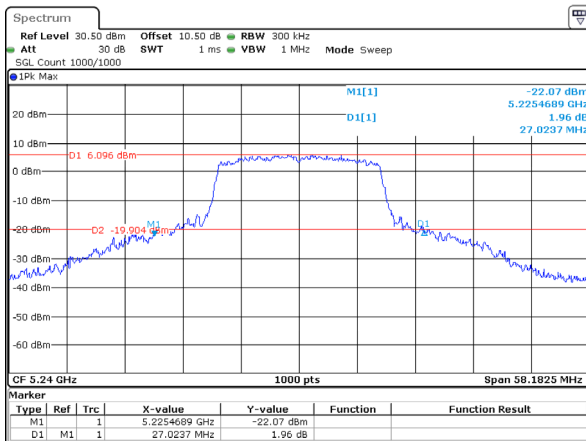
802.11a_5180MHz



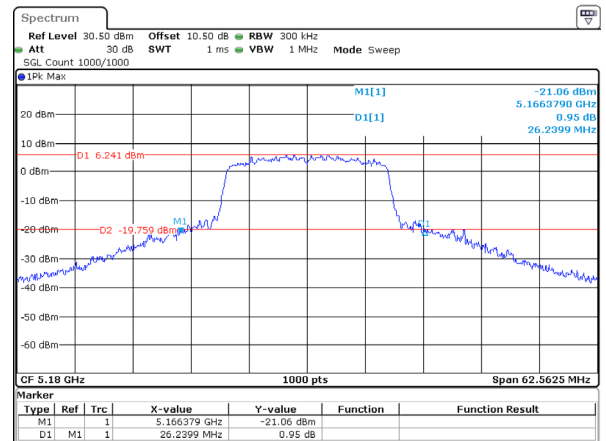
802.11a_5200MHz



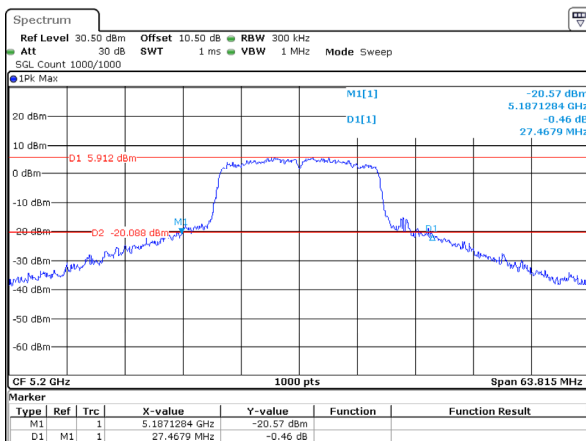
802.11a_5240MHz



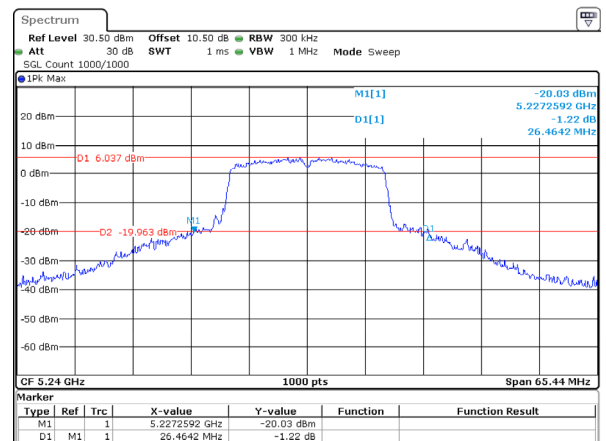
802.11n20_5180MHz



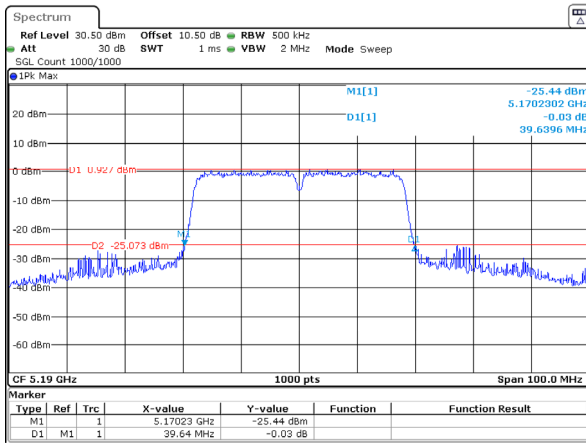
802.11n20_5200MHz



802.11n20_5240MHz

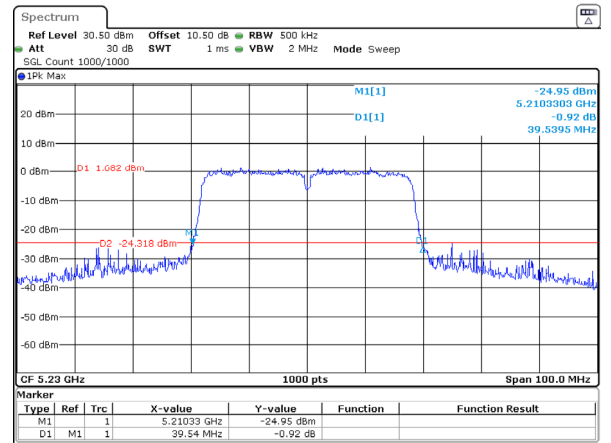


802.11n40_5190MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu
Date: 29.APR.2025 17:14:01

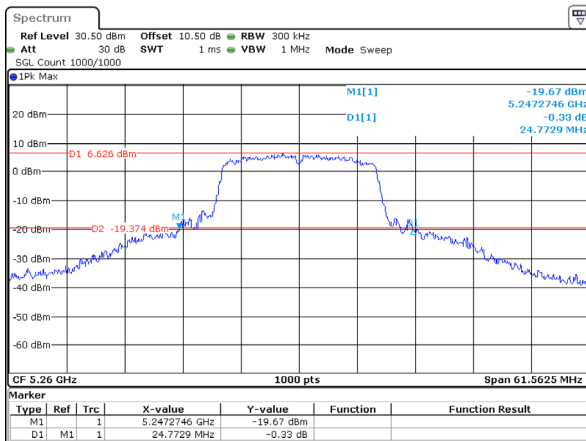
802.11n40_5230MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu
Date: 29.APR.2025 17:15:08

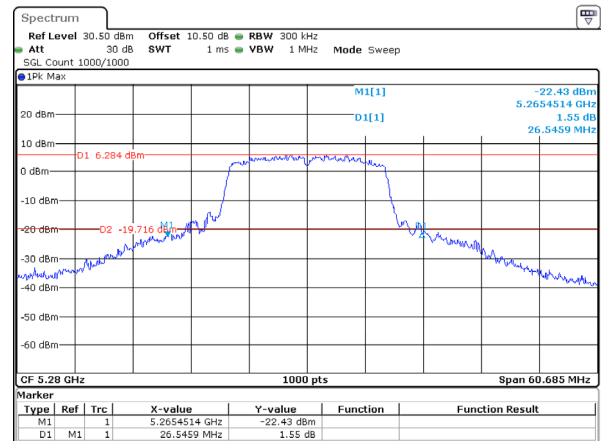
5250-5350MHz

802.11a_5260MHz



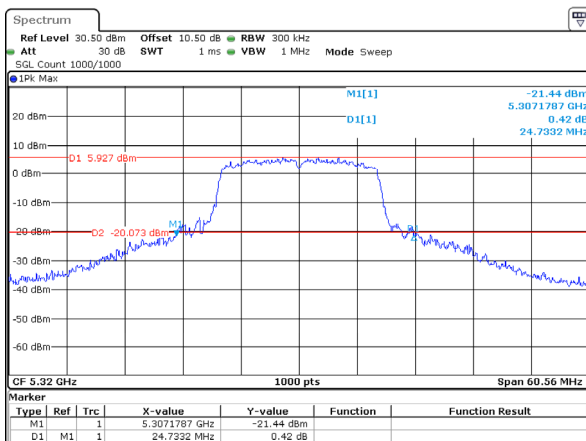
ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu
Date: 9.APR.2025 11:46:24

802.11a_5280MHz



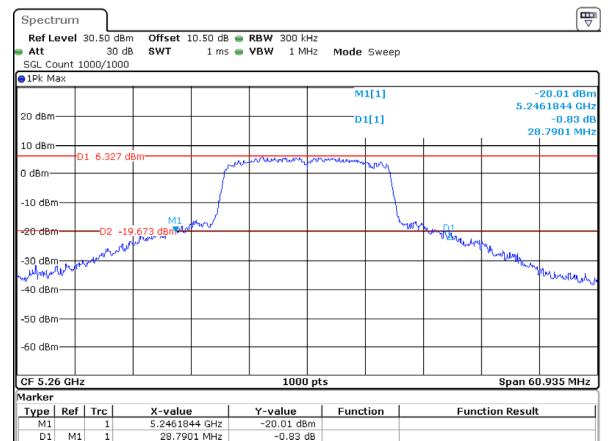
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Date: 9.APR.2025 11:50:43

802.11a_5320MHz



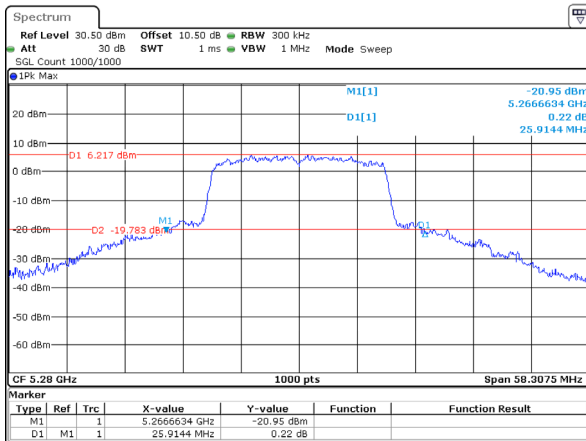
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802.11n20_5260MHz

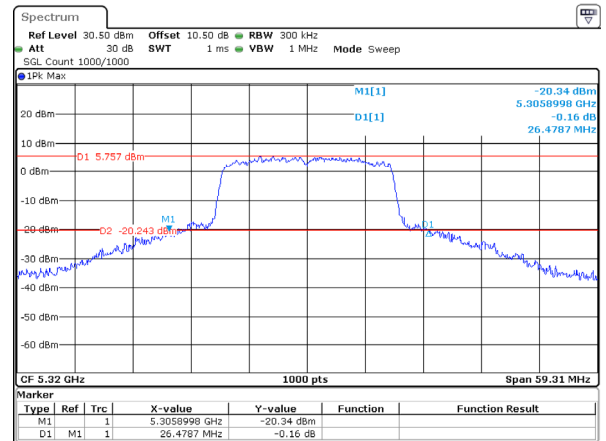


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Date: 9.APR.2025 11:57:32

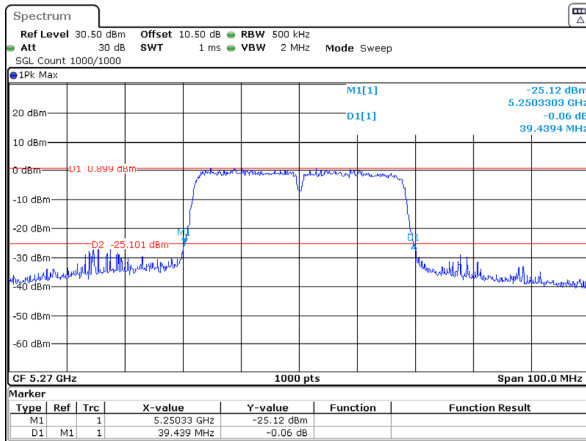
802.11n20_5280MHz



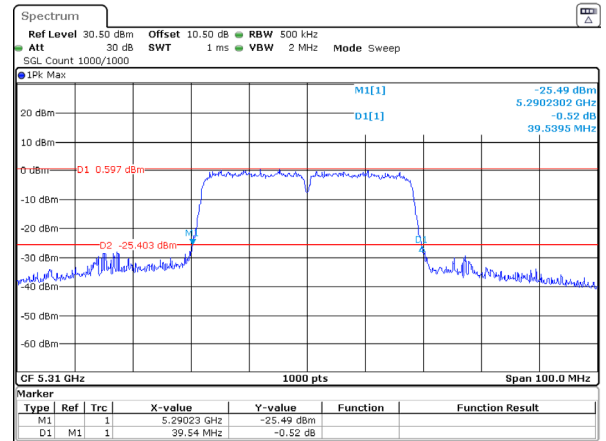
802.11n20_5320MHz



802.11n40_5270MHz

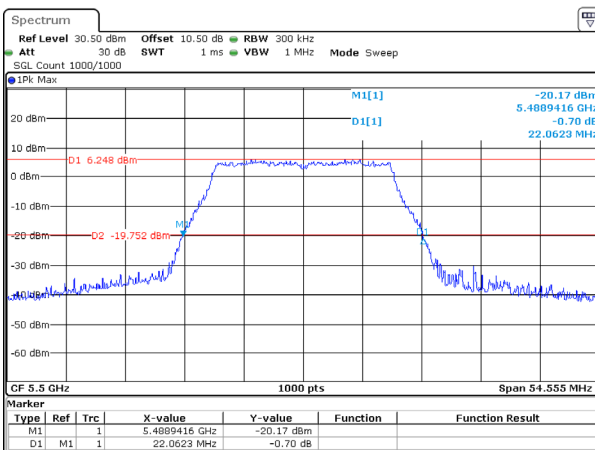


802.11n40_5310MHz

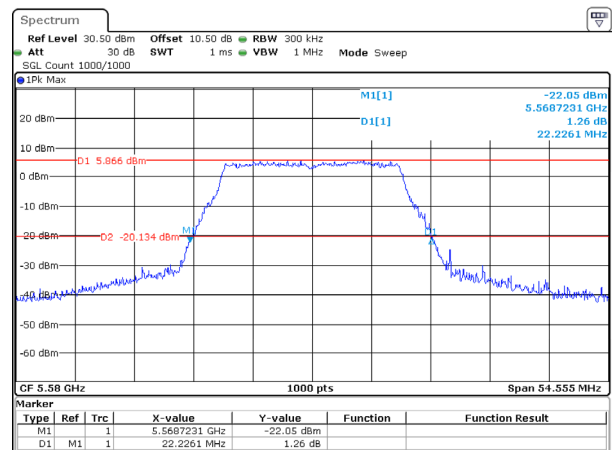


5470-5725MHz

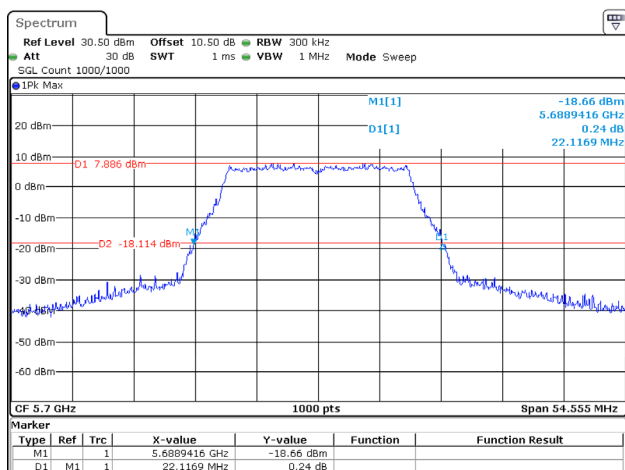
802.11a_5500MHz



802.11a_5580MHz

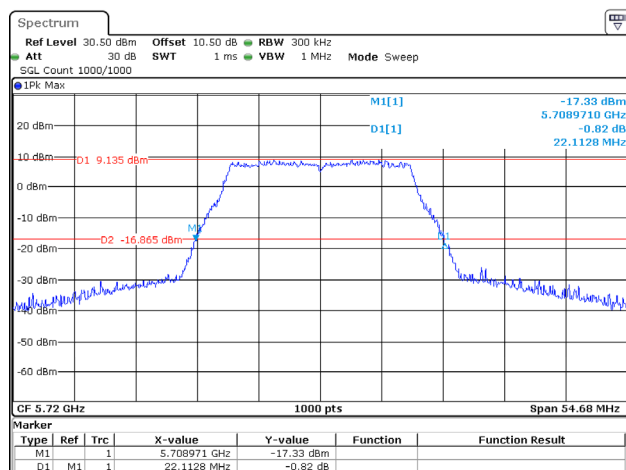


802.11a_5700MHz



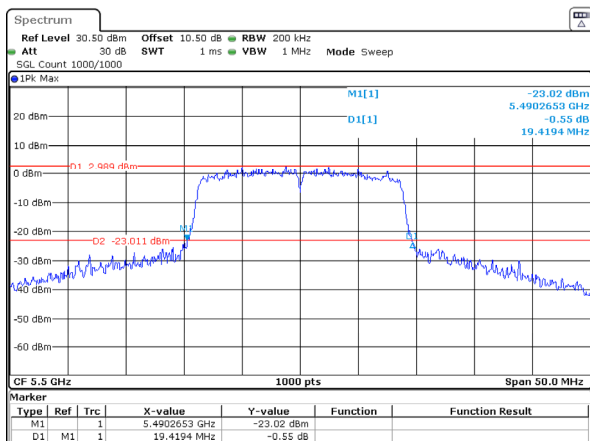
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802.11a_5720MHz



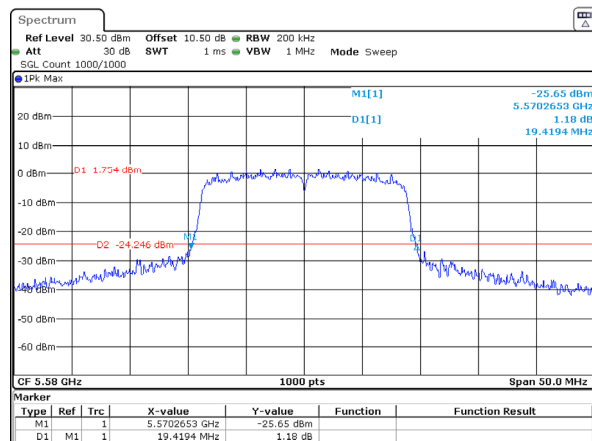
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802.11n20_5500MHz



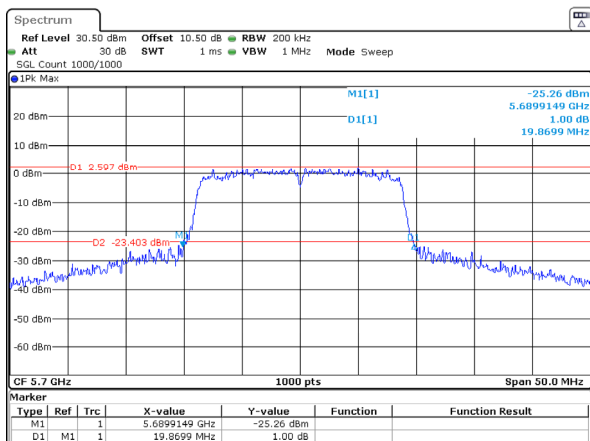
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802.11n20_5580MHz



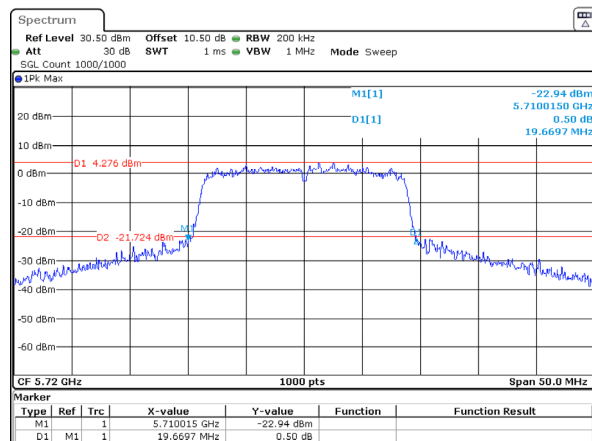
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Date: 29.APR.2025 17:27:51

802.11n20_5700MHz



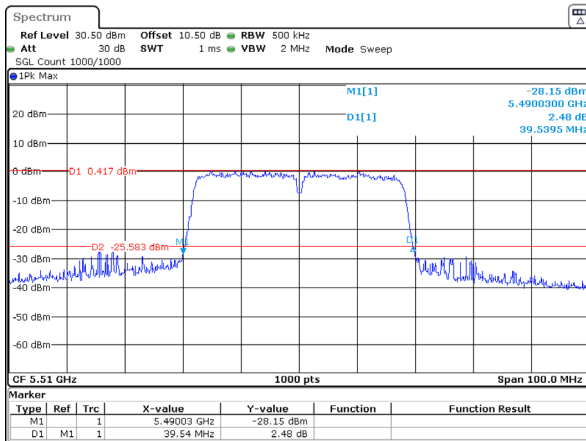
ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu
Date: 29.APR.2025 17:30:43

802.11n20_5720MHz

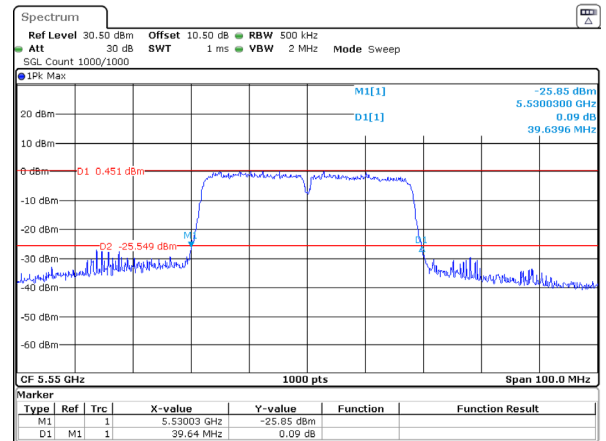


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Date: 29.APR.2025 17:33:44

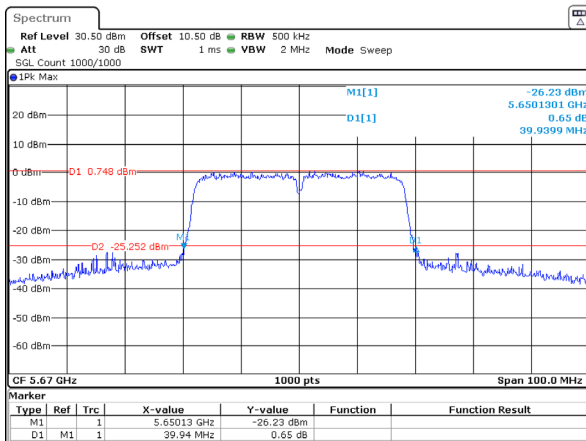
802.11n40_5510MHz



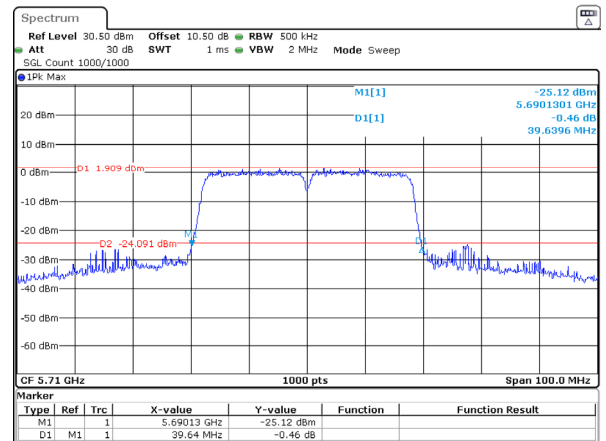
802.11n40_5550MHz



802.11n40_5670MHz

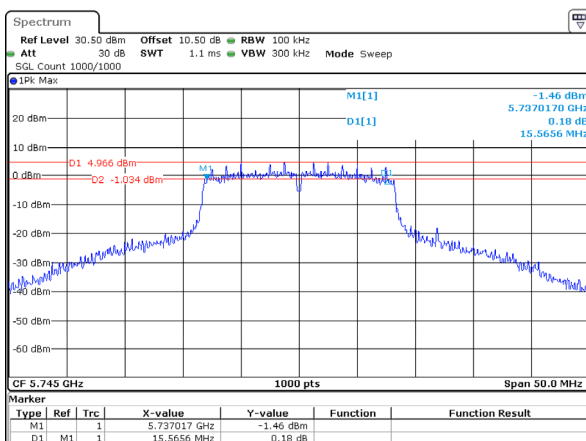


802.11n40_5710MHz

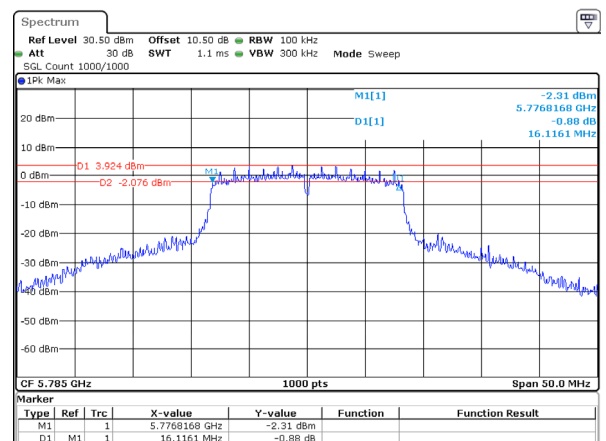


5725-5850MHz

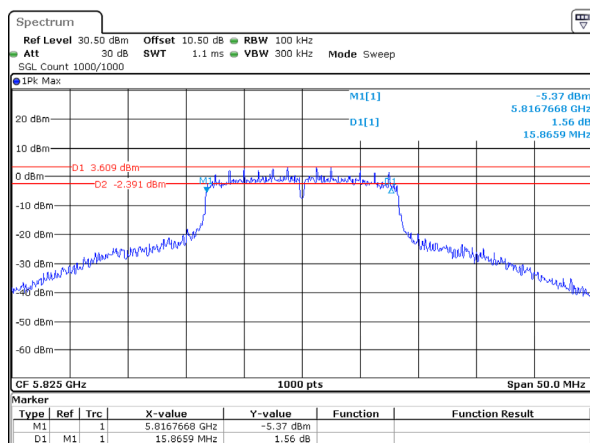
802.11a_5745MHz



802.11a_5785MHz



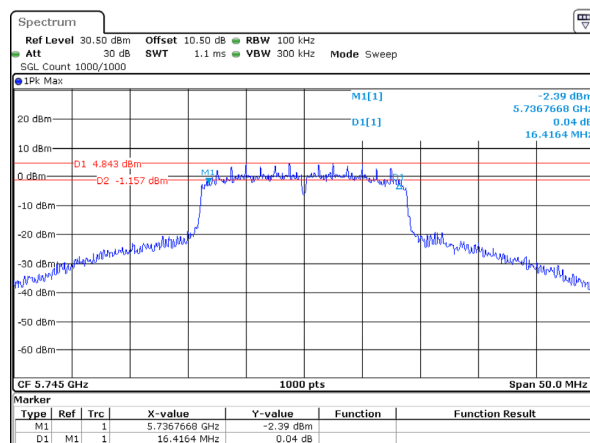
802.11a_5825MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu

Date: 9.APR.2025 13:46:22

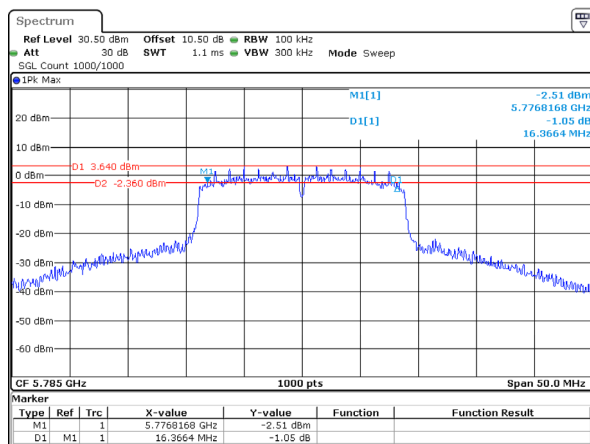
802.11n20_5745MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu

Date: 9.APR.2025 13:49:06

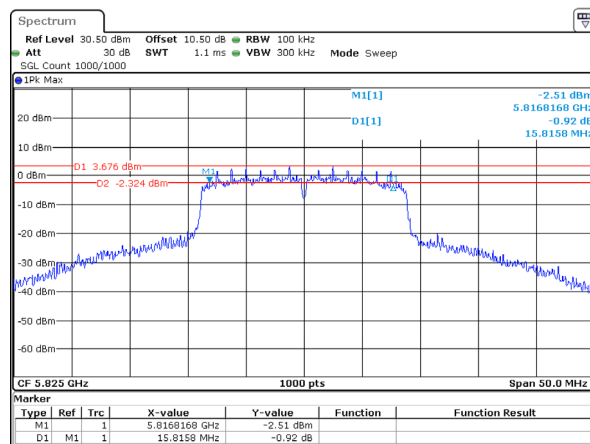
802.11n20_5785MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu

Date: 9.APR.2025 13:52:06

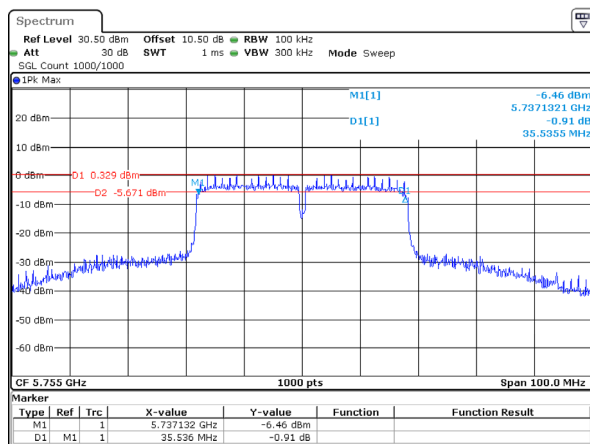
802.11n20_5825MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu

Date: 9.APR.2025 13:54:36

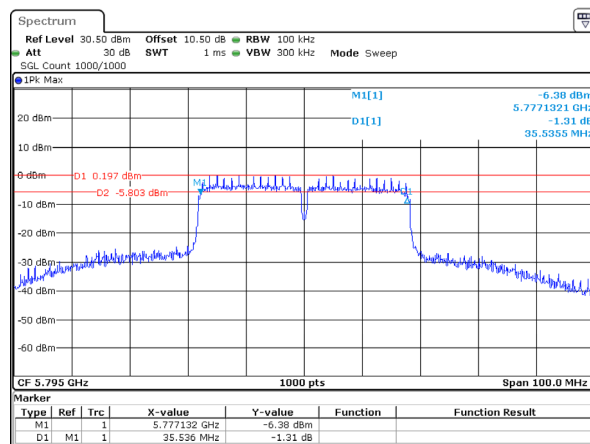
802.11n40_5755MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu

Date: 9.APR.2025 13:56:24

802.11n40_5795MHz



ProjectNo.:2501R31585E-RF Tester:Rainbow Zhu

Date: 9.APR.2025 13:58:00

99% Occupied Bandwidth

5150-5250MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5180	16.600
	5200	16.600
	5240	16.600
802.11n20	5180	17.500
	5200	17.550
	5240	17.550
802.11n40	5190	36.200
	5230	36.200

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	16.600
	5280	16.600
	5320	16.600
802.11n20	5260	17.550
	5280	17.500
	5320	17.500
802.11n40	5270	36.200
	5310	36.200

5470-5725MHz

Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5500	16.650
	5580	16.650
	5700	16.800
	5720	17.450
802.11n20	5500	17.600
	5580	17.550
	5700	17.650
	5720	18.250
802.11n40	5510	36.300
	5550	36.300
	5670	36.100
	5710	36.700

5725-5850MHz

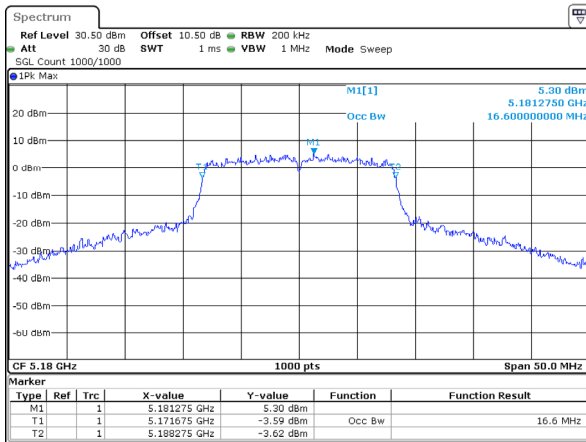
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5745	16.800
	5785	16.750
	5825	16.800
802.11n20	5745	17.700
	5785	17.550
	5825	17.750
802.11n40	5755	36.300
	5795	36.600

Note:

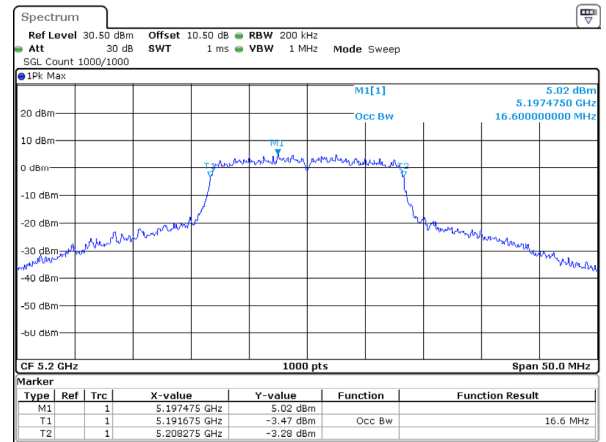
The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

5150-5250MHz

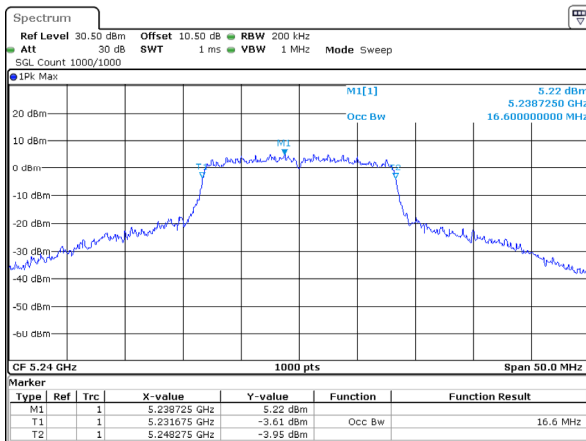
802.11a_5180MHz



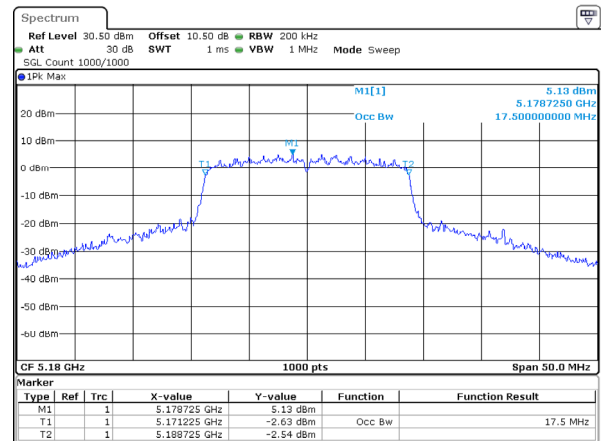
802.11a_5200MHz



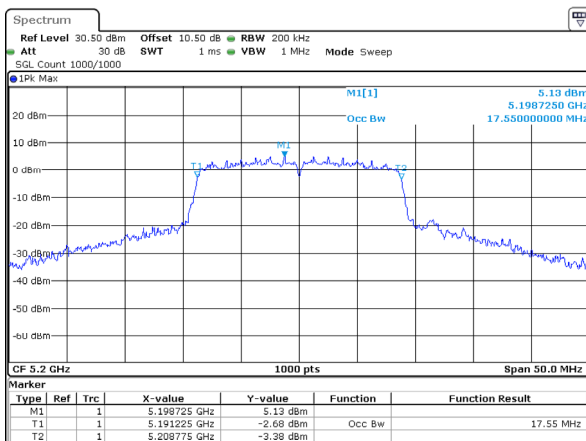
802.11a_5240MHz



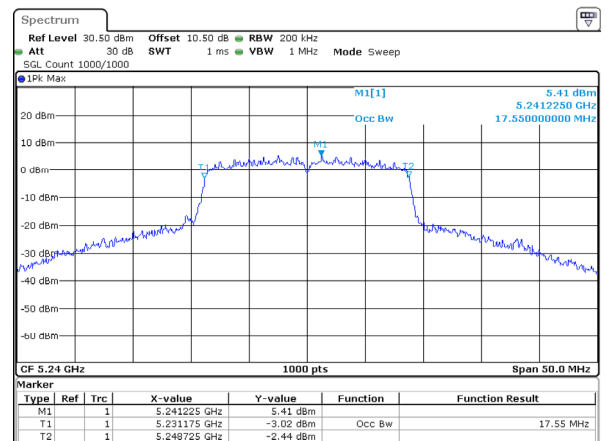
802.11n20_5180MHz



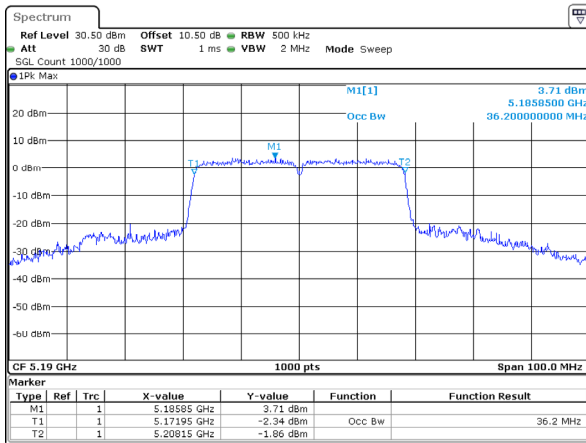
802.11n20_5200MHz



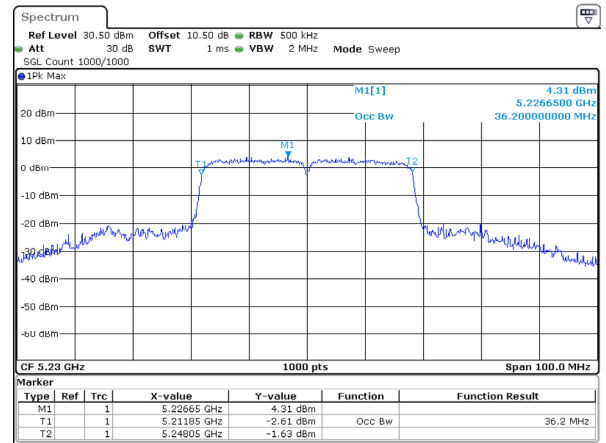
802.11n20_5240MHz



802.11n40_5190MHz

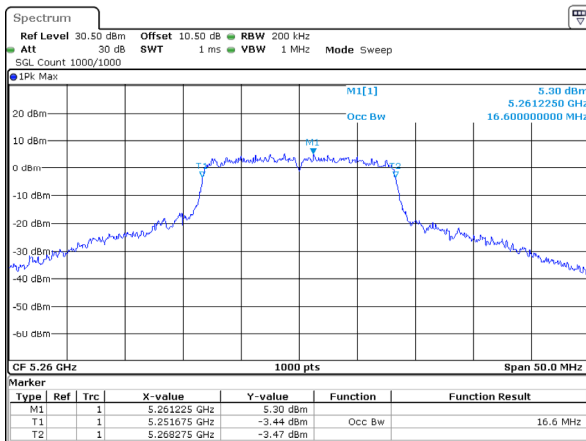


802.11n40_5230MHz

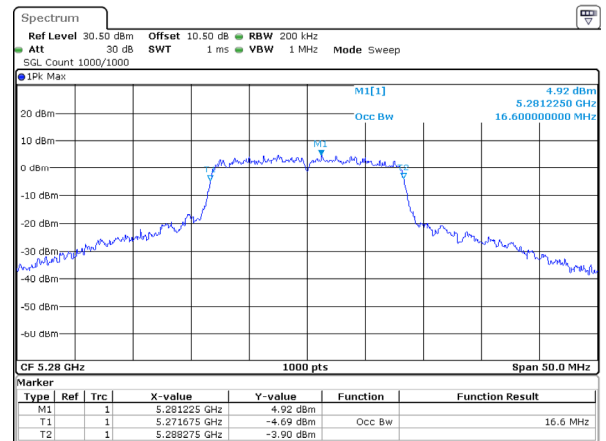


5250-5350MHz

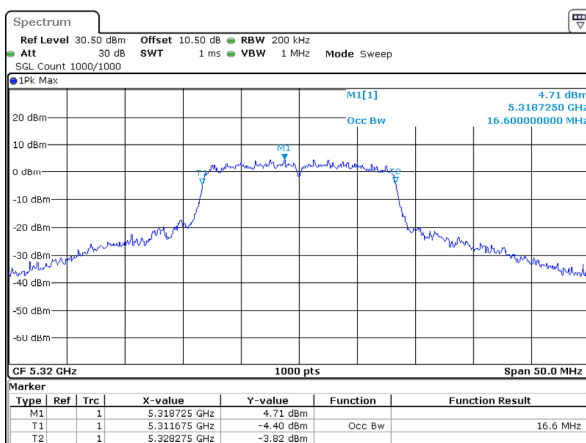
802.11a_5260MHz



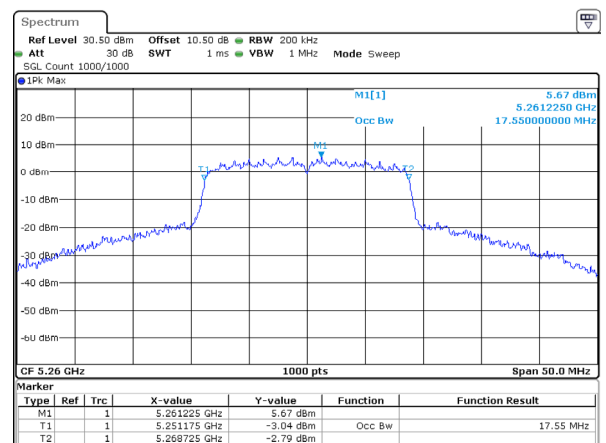
802.11a_5280MHz



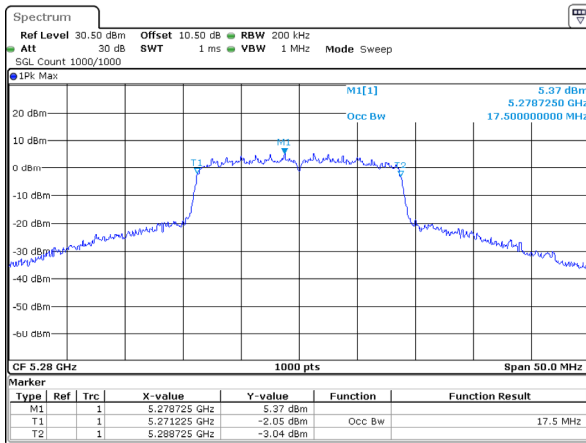
802.11a_5320MHz



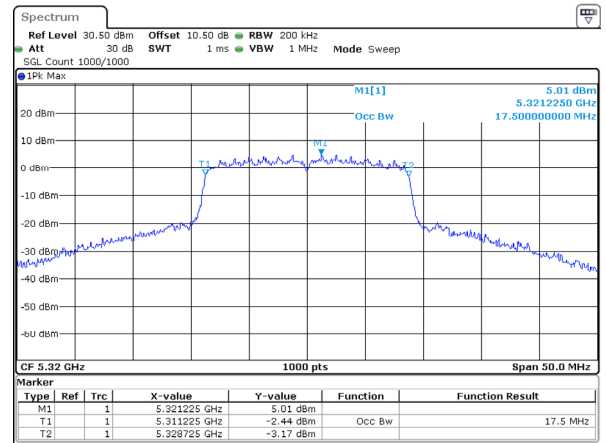
802.11n20_5260MHz



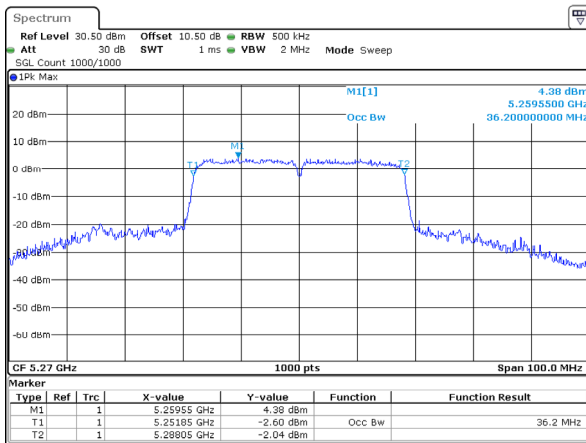
802.11n20_5280MHz



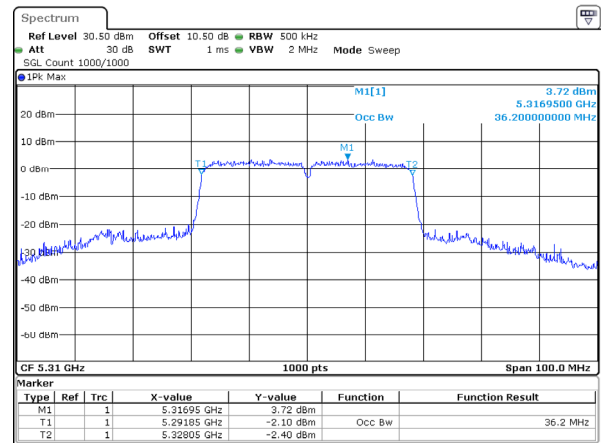
802.11n20_5320MHz



802.11n40_5270MHz

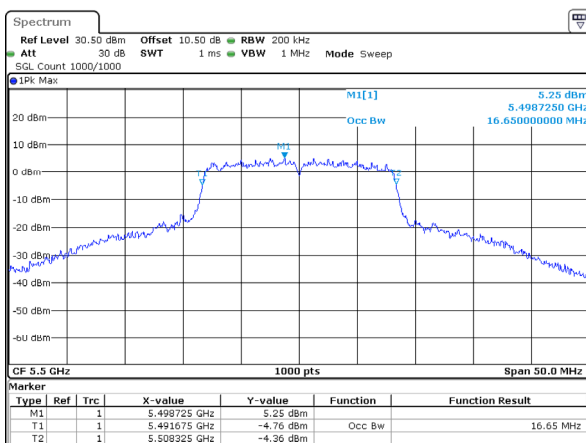


802.11n40_5310MHz



5470-5725MHz

802.11a_5500MHz



802.11a_5580MHz

