

Appendix A

Test Information:

Sample No.:	2V1C-1	Test Date:	2025/03/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	46~47	Relative Humidity: (%)	24.5~25.8	ATM Pressure: (kPa)	101.4~101.5
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Emission Bandwidth

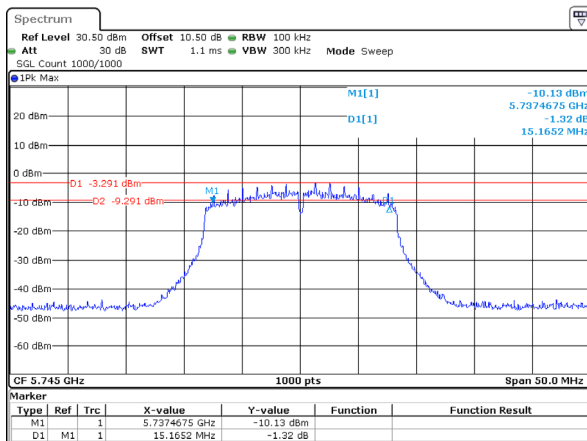
6dB Emission Bandwidth

5725-5850MHz

Mode	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	5745	15.165	0.5	Pass
	5785	15.165	0.5	Pass
	5825	15.165	0.5	Pass
802.11n20	5745	15.165	0.5	Pass
	5785	15.165	0.5	Pass
	5825	15.165	0.5	Pass

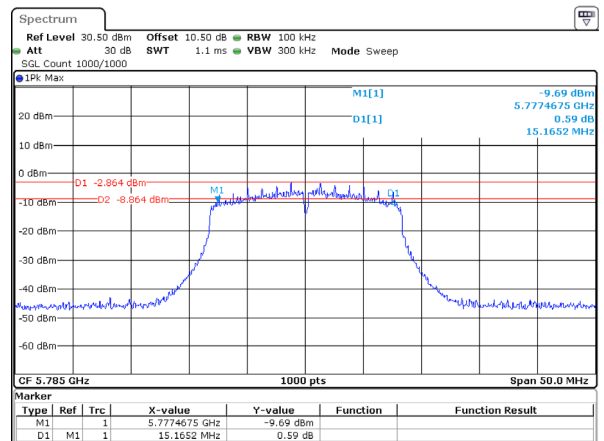
5725-5850MHz

802.11a_5745MHz



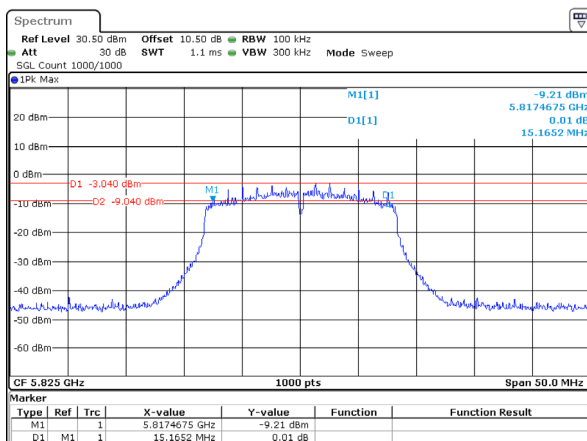
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:25:15

802.11a_5785MHz



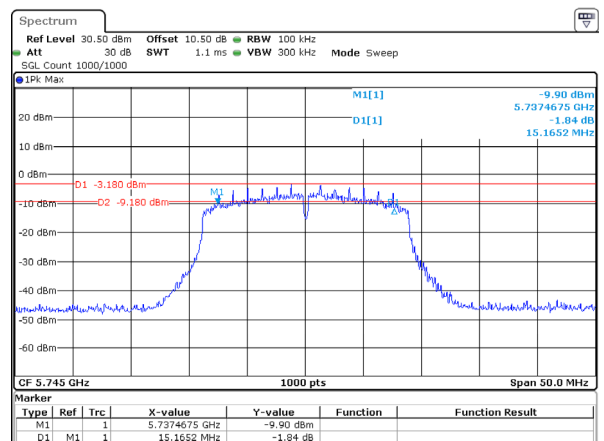
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:27:56

802.11a_5825MHz



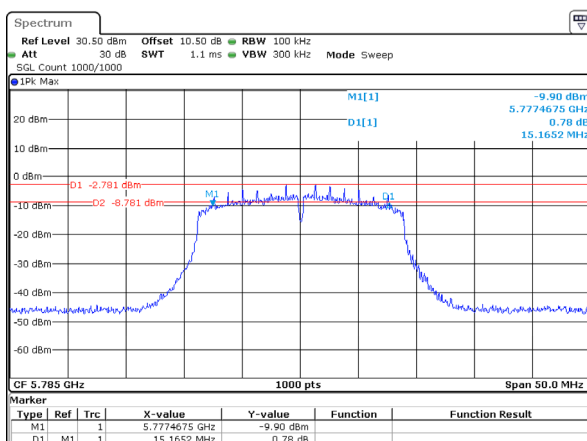
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Date: 8.MAR.2025 11:30:29

802.11n20_5745MHz



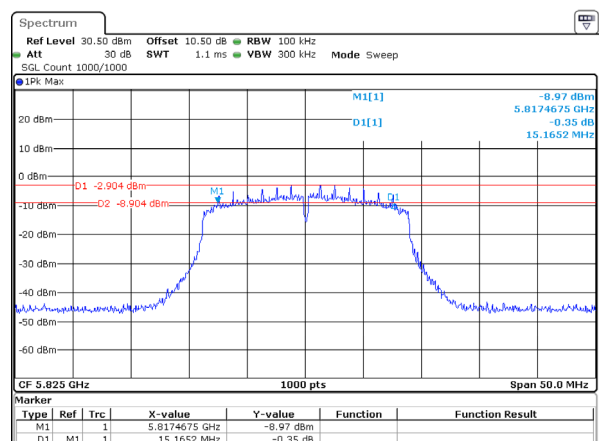
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:33:07

802.11n20_5785MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:35:29

802.11n20_5825MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:37:43

Test Information:

Sample No.:	2V1C-1	Test Date:	2025/03/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	46~47	Relative Humidity: (%)	24.5~25.8	ATM Pressure: (kPa)	101.4~101.5
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99% Occupied Bandwidth

5725-5850MHz

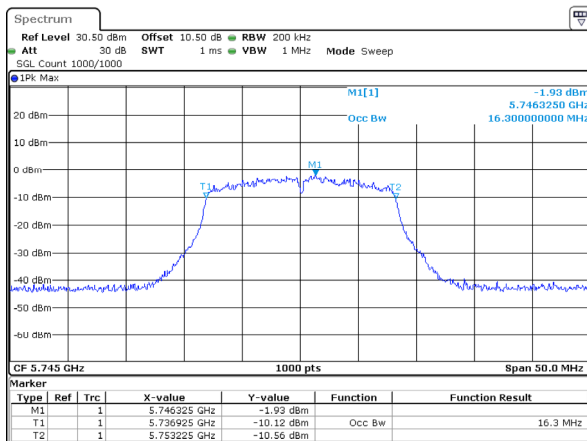
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5745	16.300
	5785	16.300
	5825	16.300
802.11n20	5745	17.450
	5785	17.450
	5825	17.450

Note:

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

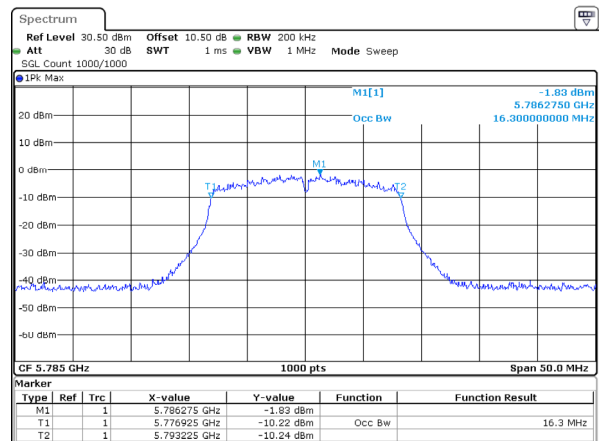
5725-5850MHz

802.11a_5745MHz



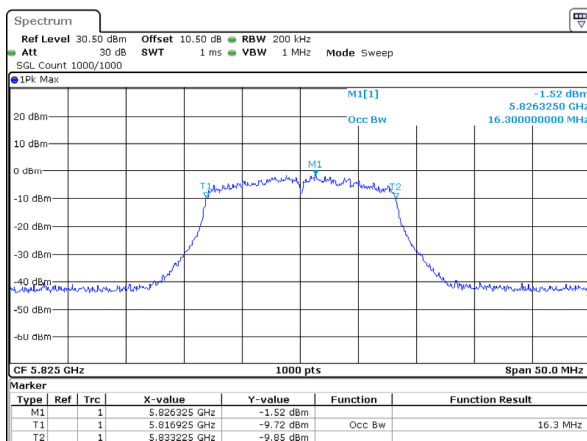
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:26:05

802.11a_5785MHz



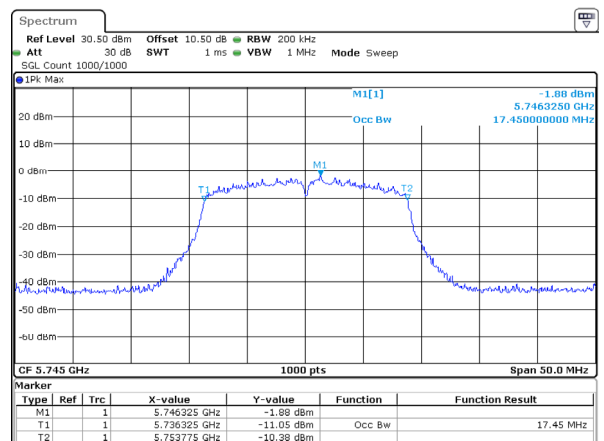
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:28:53

802.11a_5825MHz



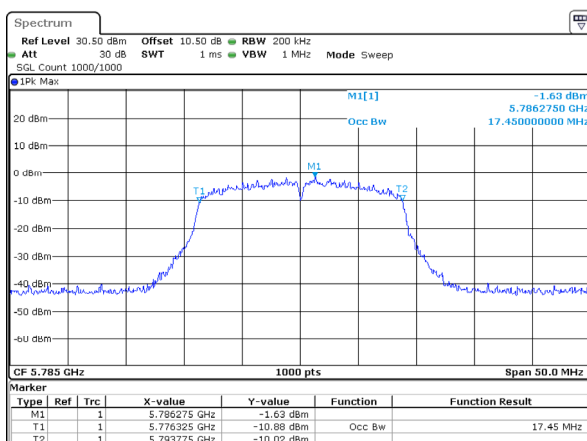
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:31:06

802.11n20_5745MHz



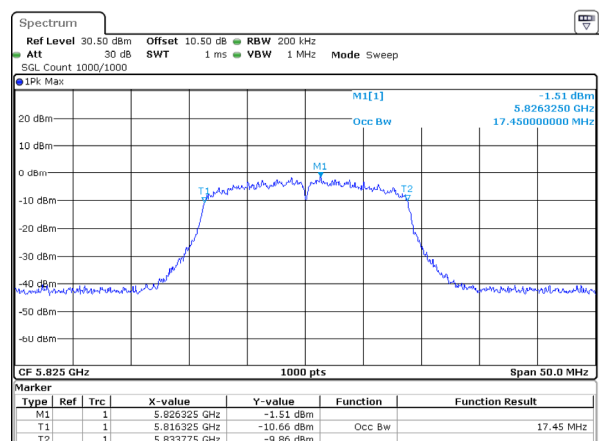
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Date: 8.MAR.2025 11:33:57

802.11n20_5785MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:36:26

802.11n20_5825MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:38:21

Test Information:

Sample No.:	2V1C-1	Test Date:	2025/03/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	46~47	Relative Humidity: (%)	24.5~25.8	ATM Pressure: (kPa)	101.4~101.5
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Maximum Conducted Output Power

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	7.01	30	Pass
	5785	7.44	30	Pass
	5825	7.13	30	Pass
802.11n20	5745	7.14	30	Pass
	5785	7.66	30	Pass
	5825	7.41	30	Pass

Test Information:

Sample No.:	2V1C-1	Test Date:	2025/03/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	46~47	Relative Humidity: (%)	24.5~25.8	ATM Pressure: (kPa)	101.4~101.5
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Power Spectral Density

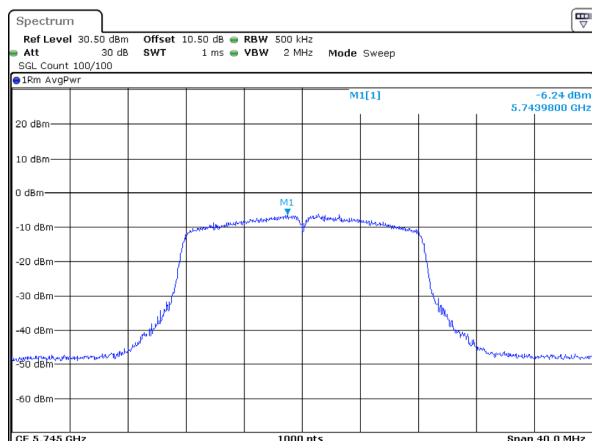
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor(dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-6.24	1.37	-4.87	30	Pass
	5785	-6.50	1.37	-5.13	30	Pass
	5825	-6.67	1.37	-5.30	30	Pass
802.11n20	5745	-6.24	1.45	-4.79	30	Pass
	5785	-6.56	1.45	-5.11	30	Pass
	5825	-6.15	1.45	-4.70	30	Pass

Result = Reading + Duty Cycle Factor

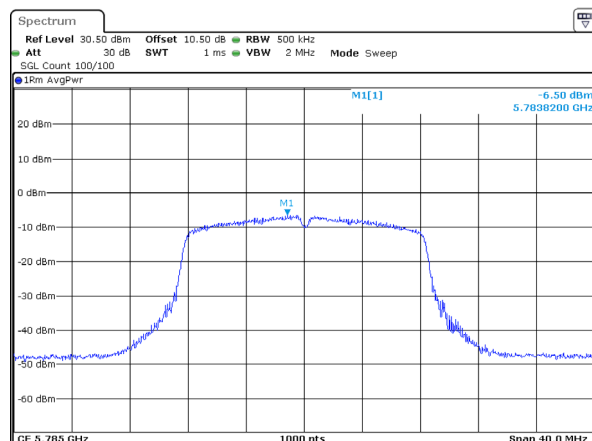
5725-5850MHz

802.11a_5745MHz



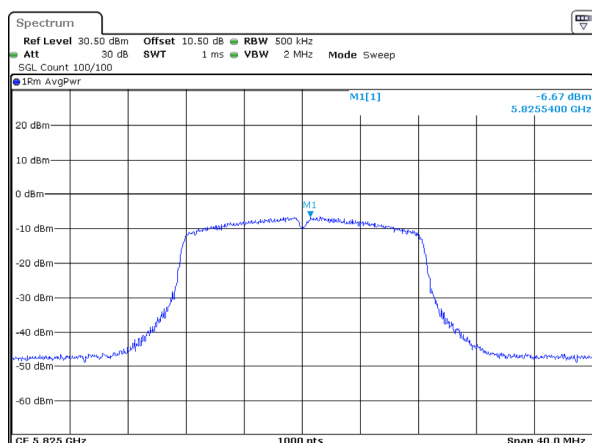
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:26:24

802.11a_5785MHz



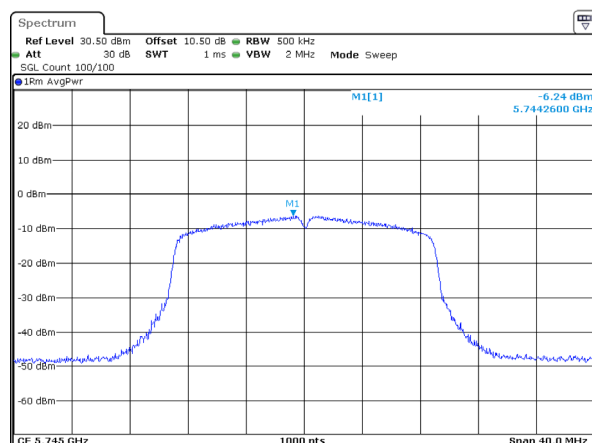
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:29:11

802.11a_5825MHz



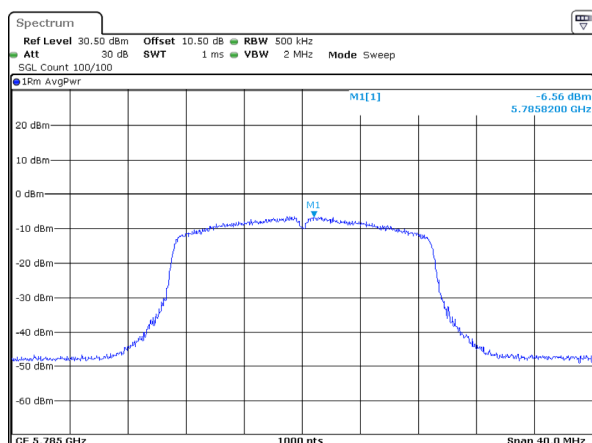
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:31:25

802.11n20_5745MHz



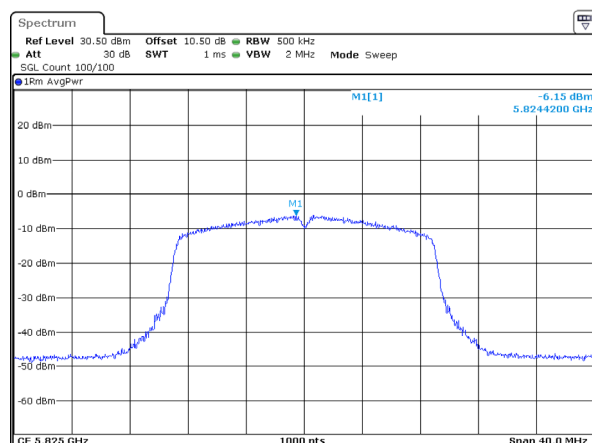
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:34:16

802.11n20_5785MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:36:45

802.11n20_5825MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:38:41

Test Information:

Sample No.:	2V1C-1	Test Date:	2025/03/08
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	46~47	Relative Humidity: (%)	24.5~25.8	ATM Pressure: (kPa)	101.4~101.5
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Duty Cycle

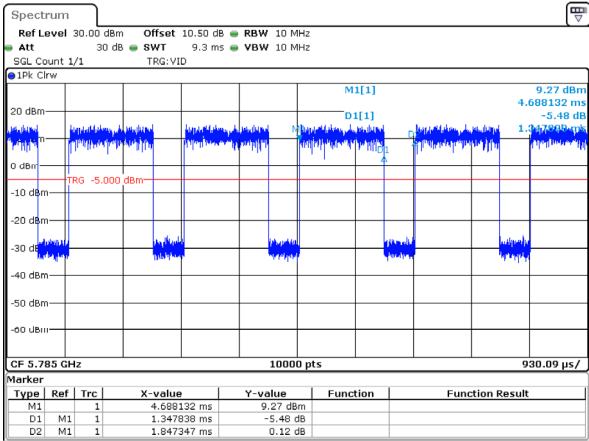
5725-5850MHz

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5785	1.348	1.847	72.98	1.37	742	1
802.11n20	5785	1.269	1.773	71.57	1.45	788	1

Duty Cycle = Ton/(Ton+Toff)*100%

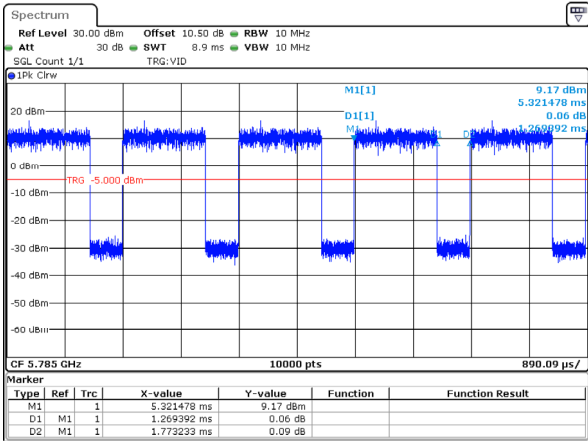
5725-5850MHz

802.11a_5785MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:42:08

802.11n20_5785MHz



ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:42:52