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

Emission Bandwidth

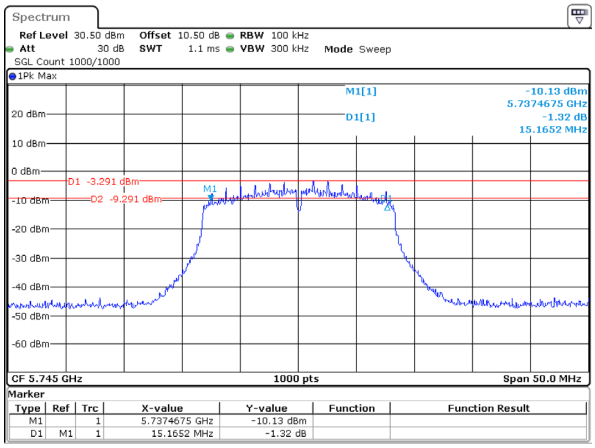
6dB Emission Bandwidth

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

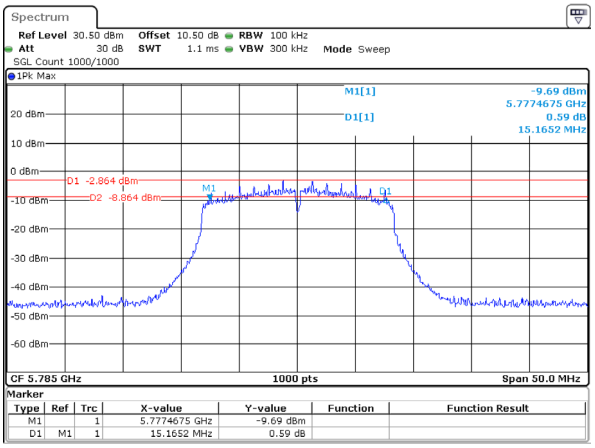
5725-5850MHz

802.11a_5745MHz



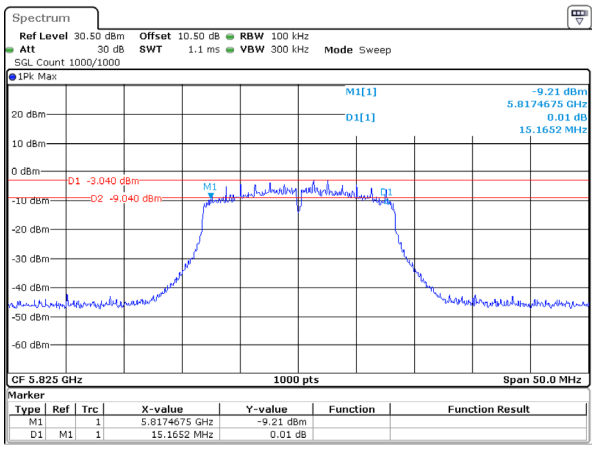
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:25:15

802.11a_5785MHz



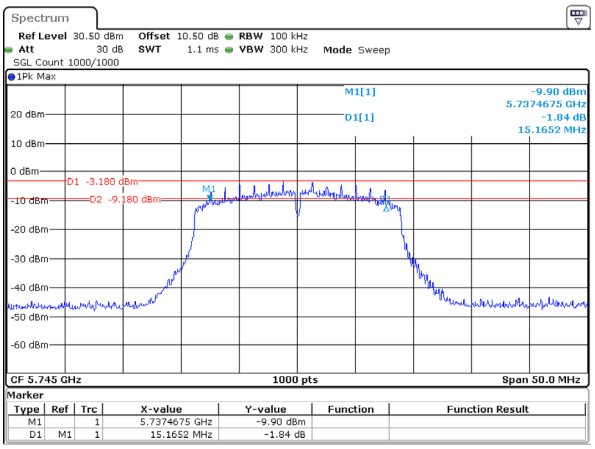
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:27:56

802.11a_5825MHz



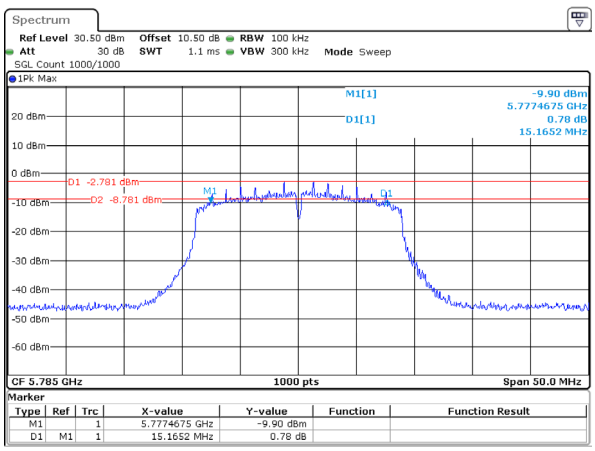
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:30:29

802.11n20_5745MHz



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

802.11n20_5785MHz



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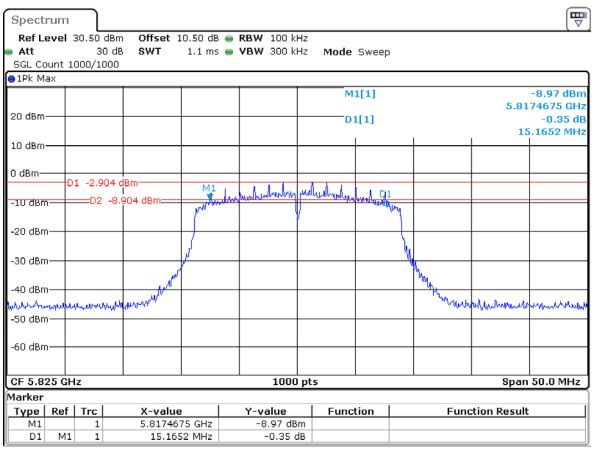
Date: 8.MAR.2025 11:35:29

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

99% Occupied Bandwidth

5725-5850MHz

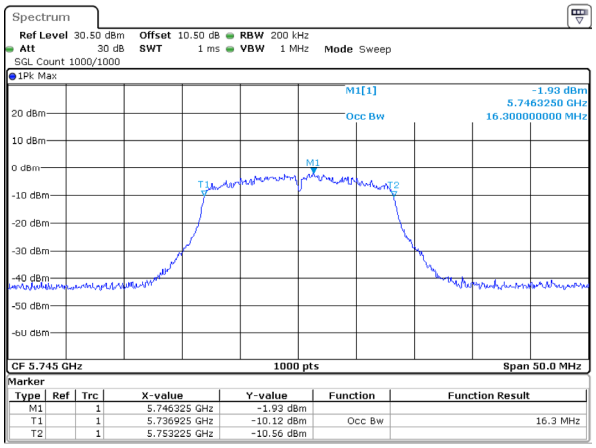
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11a	5745	16.300
	5785	16.300
	5825	16.300
802.11n20	5745	**17.450**
	5785	**17.450**
	5825	**17.450**

Note:

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

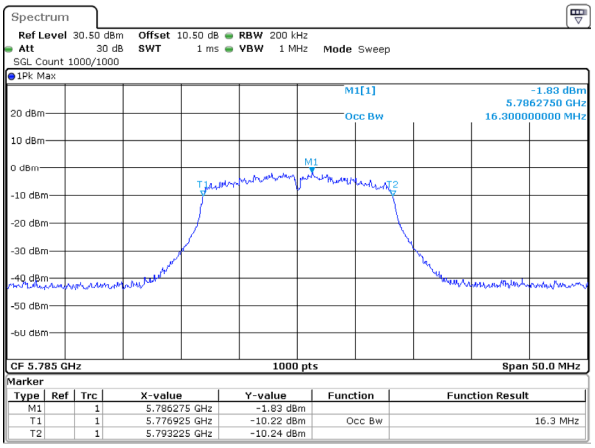
5725-5850MHz

802.11a_5745MHz



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

802.11a_5785MHz



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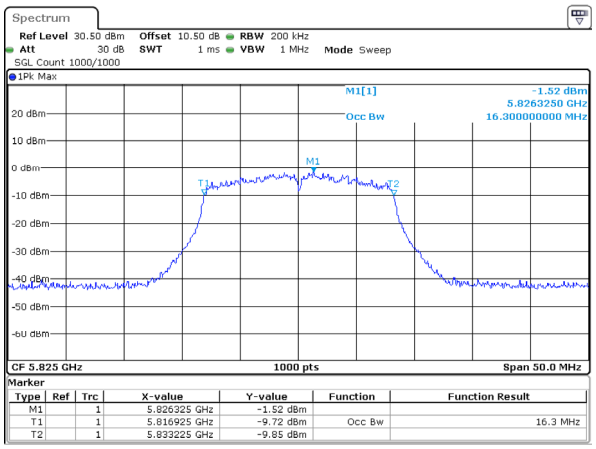
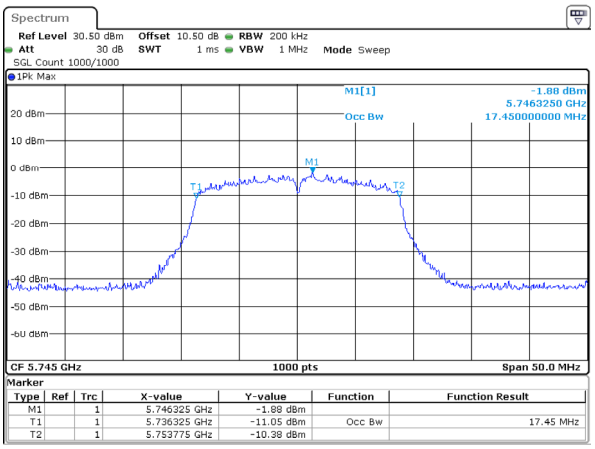
Date: 8.MAR.2025 11:28:53

802.11a_5825MHz



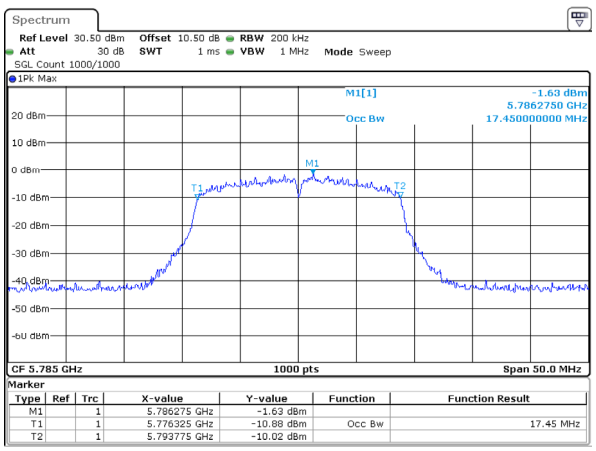
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:31:06

802.11n20_5745MHz



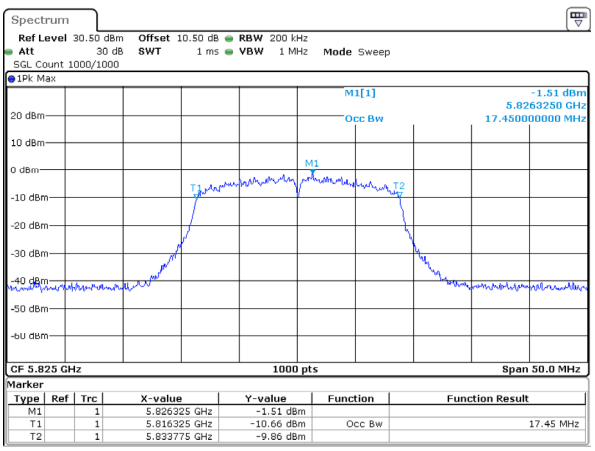
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:33:57

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

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

Power Spectral Density

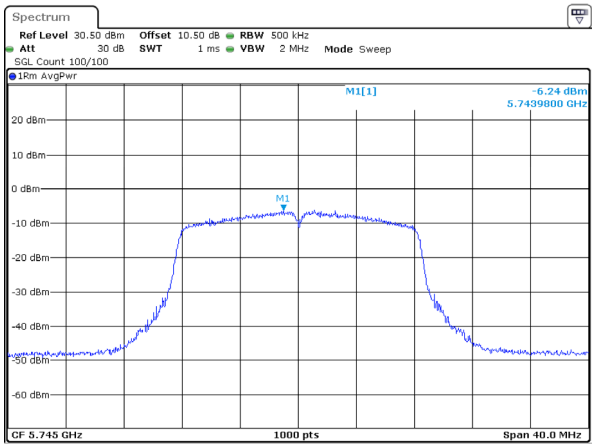
5725-5850MHz

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

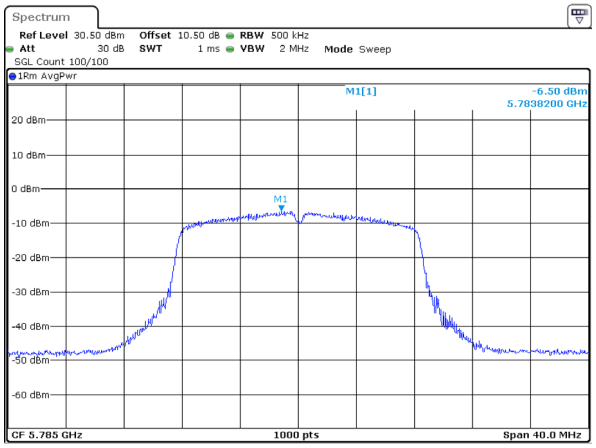
5725-5850MHz

802.11a_5745MHz



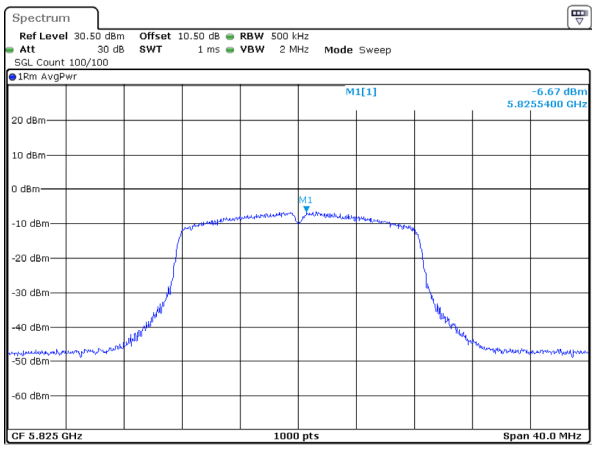
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:26:24

802.11a_5785MHz



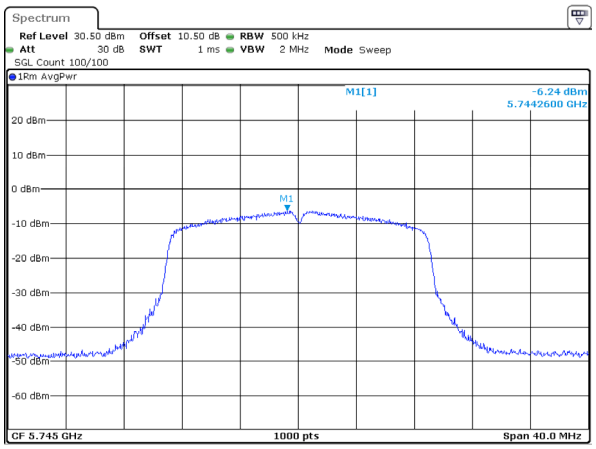
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:29:11

802.11a_5825MHz



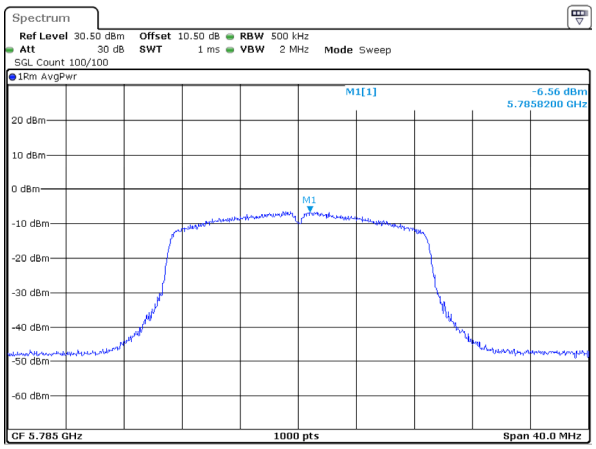
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:31:25

802.11n20_5745MHz



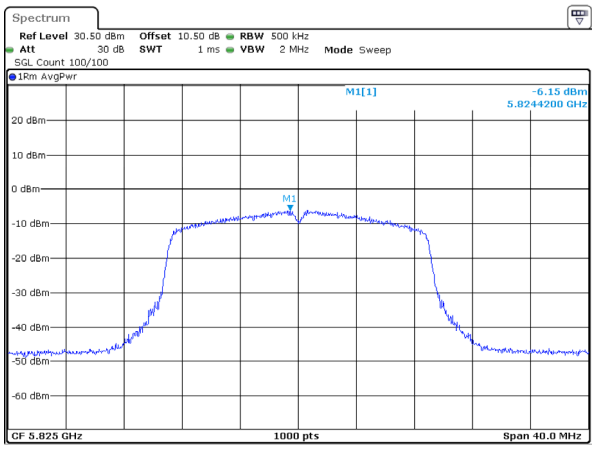
ProjectNo.:2401Z47304E-RF-TX Tester:Rainbow Zhu
Date: 8.MAR.2025 11:34:16

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

Duty Cycle

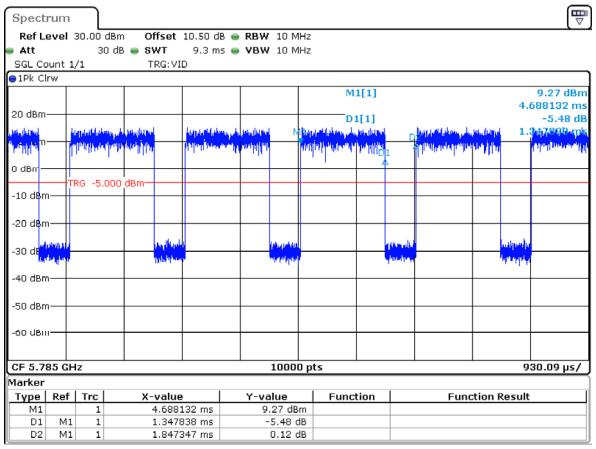
5725-5850MHz

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%

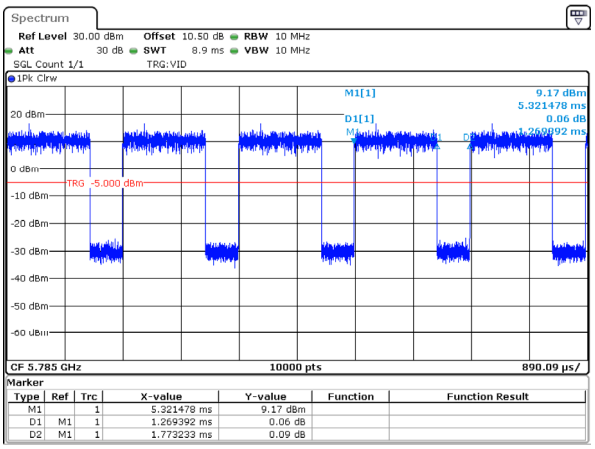
5725-5850MHz

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