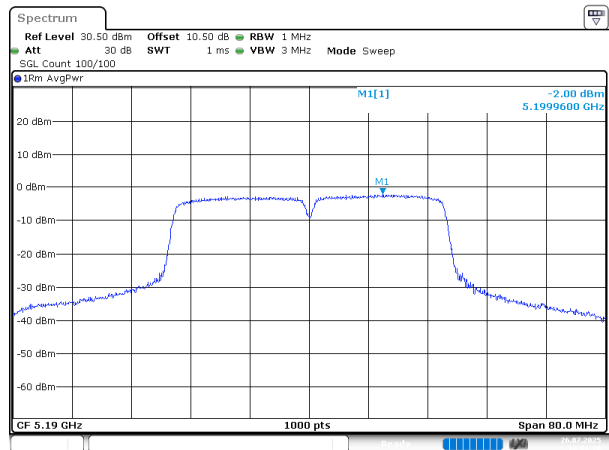
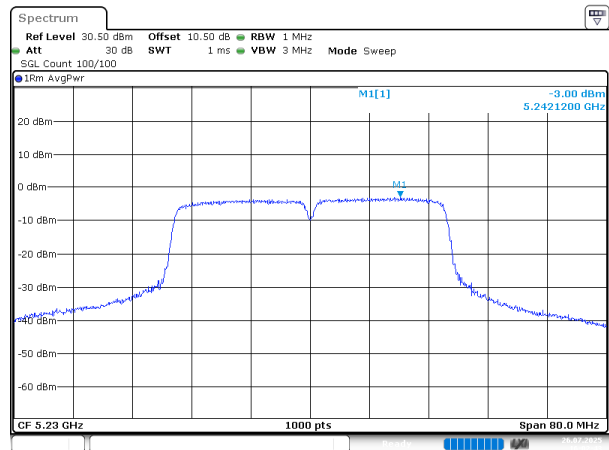


802.11n40_5190MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 16:01:20

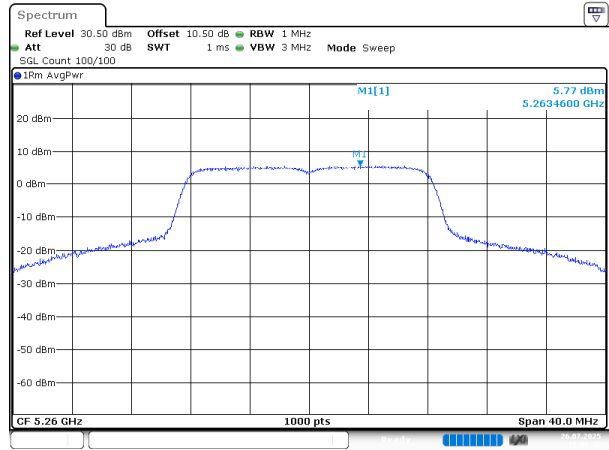
802.11n40_5230MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 16:02:44

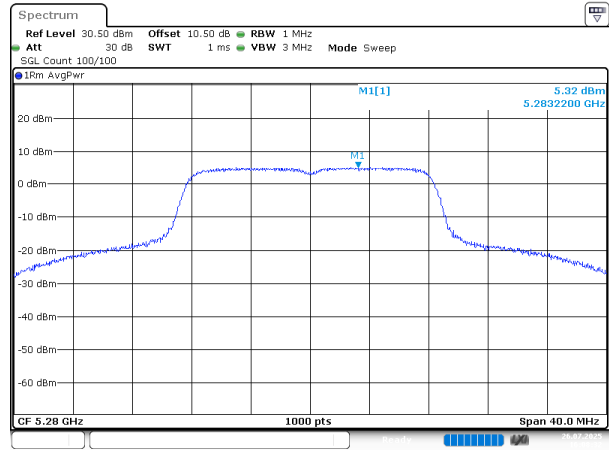
5250-5350MHz

802.11a_5260MHz



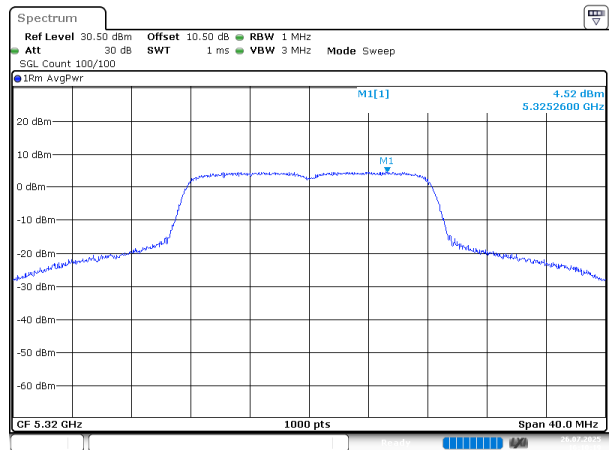
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Date: 26.JUL.2025 16:06:46

802.11a_5280MHz



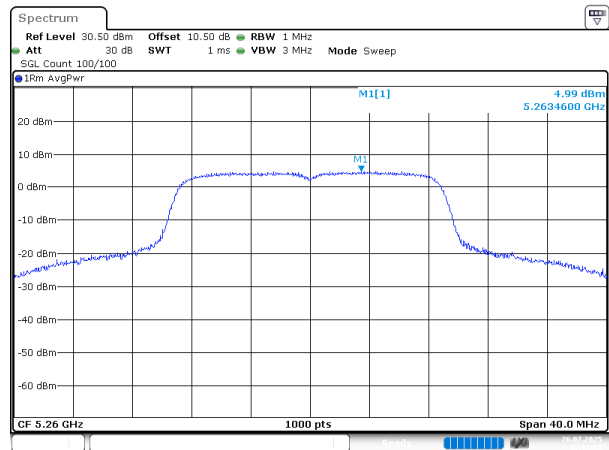
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802.11a_5320MHz



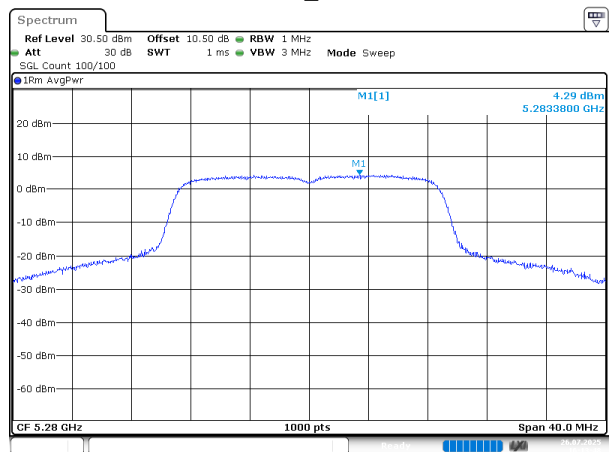
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Date: 26.JUL.2025 16:10:19

802.11n20_5260MHz



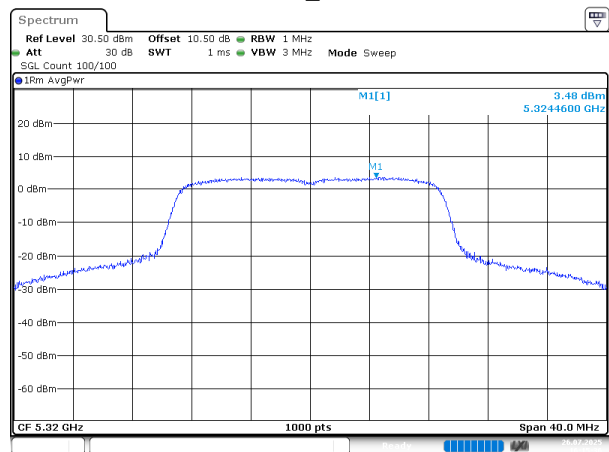
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Date: 26.JUL.2025 16:12:01

802.11n20_5280MHz



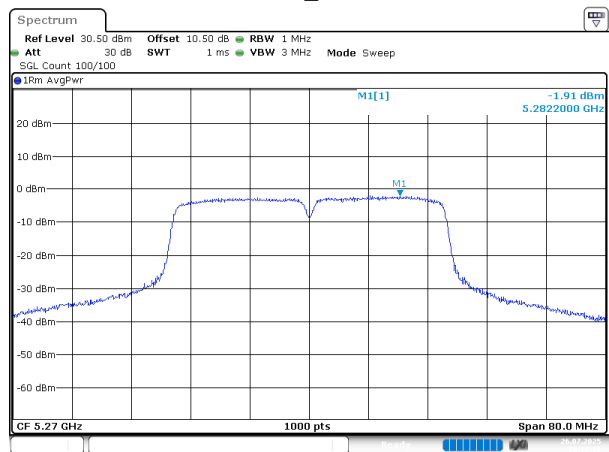
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Date: 26.JUL.2025 16:13:48

802.11n20_5320MHz



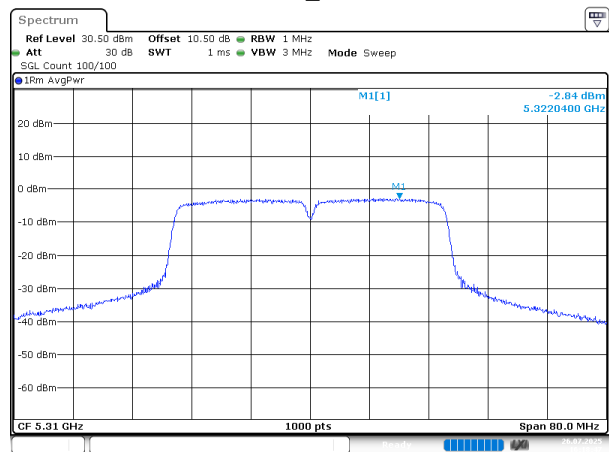
ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 16:15:36

802.11n40_5270MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 16:17:12

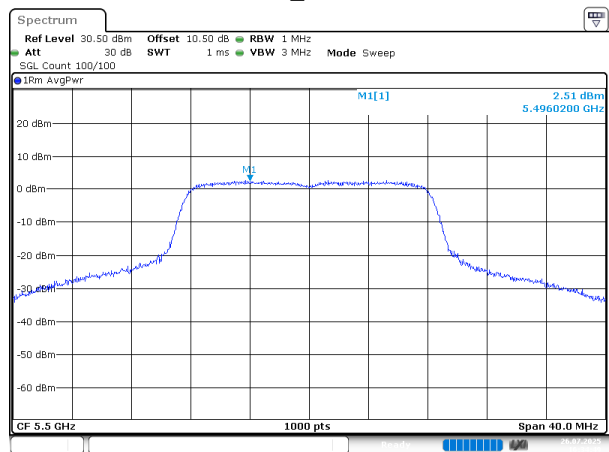
802.11n40_5310MHz



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Date: 26.JUL.2025 16:18:46

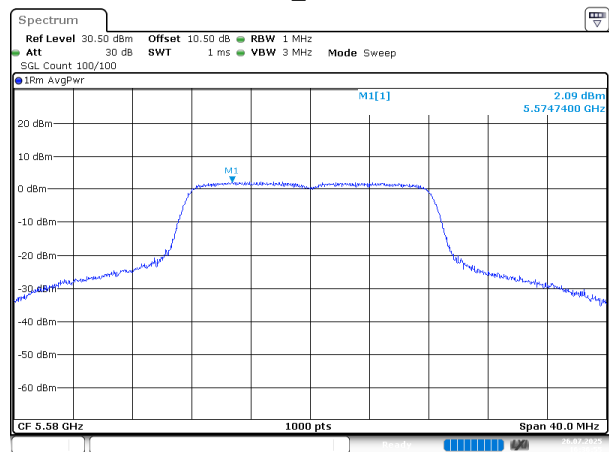
5470-5725MHz

802.11a_5500MHz



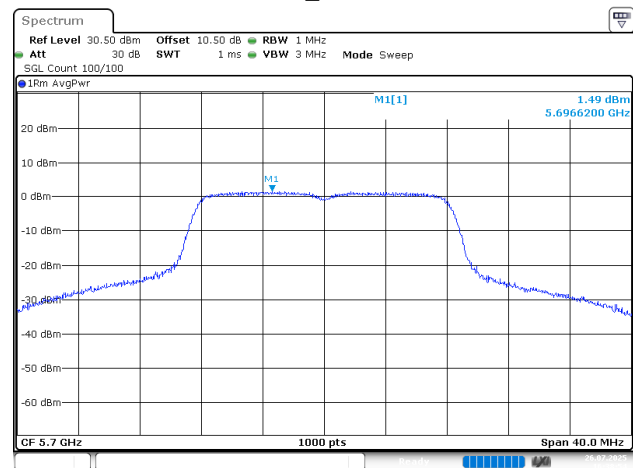
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802.11a_5580MHz



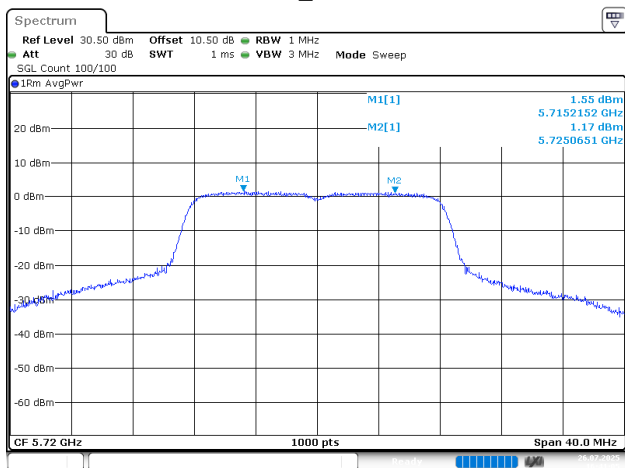
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802.11a_5700MHz



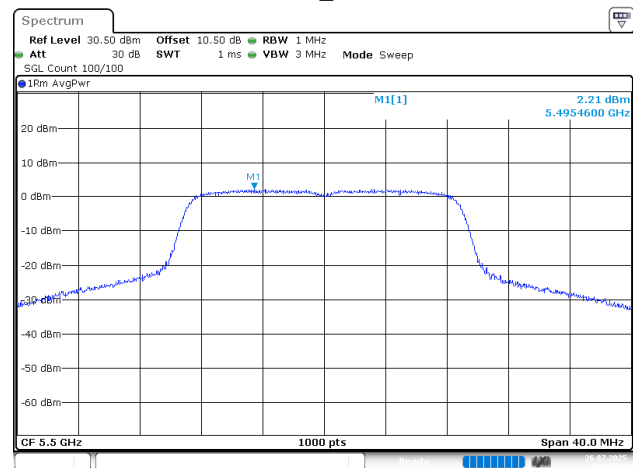
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802.11a_5720MHz



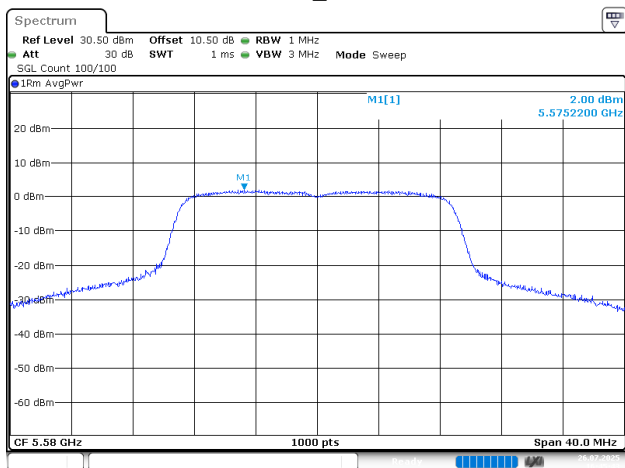
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Date: 26.JUL.2025 16:41:05

802.11n20_5500MHz



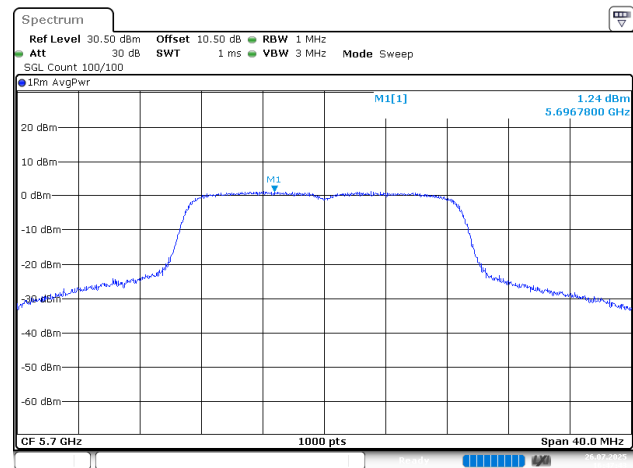
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802.11n20_5580MHz



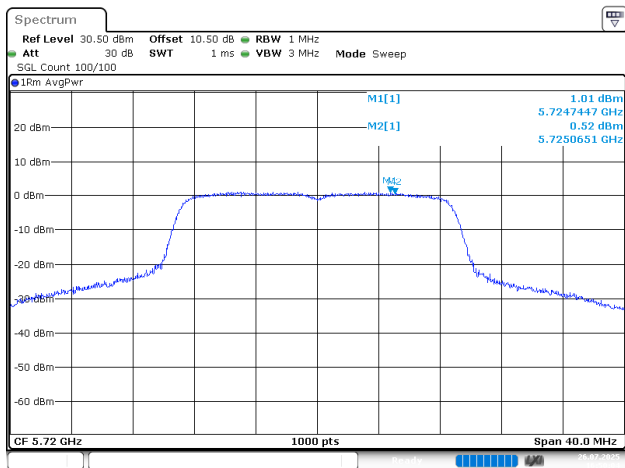
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Date: 26.JUL.2025 16:45:42

802.11n20_5700MHz



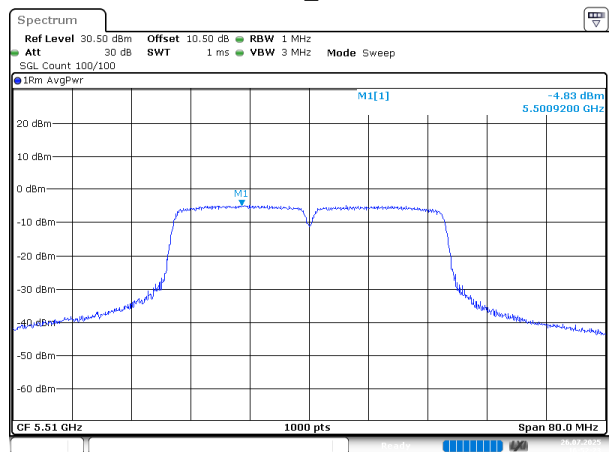
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802.11n20_5720MHz



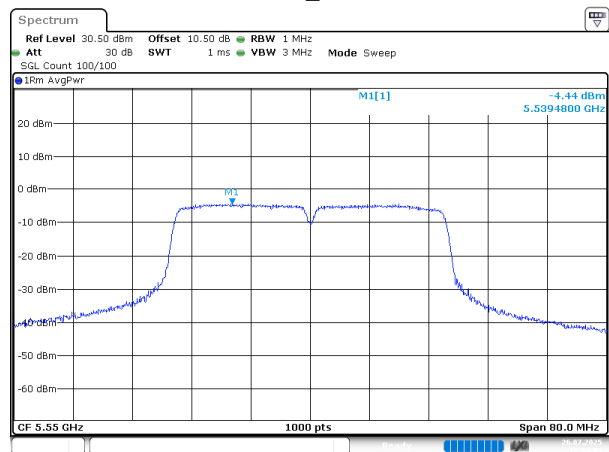
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Date: 26.JUL.2025 16:50:04

802.11n40_5510MHz



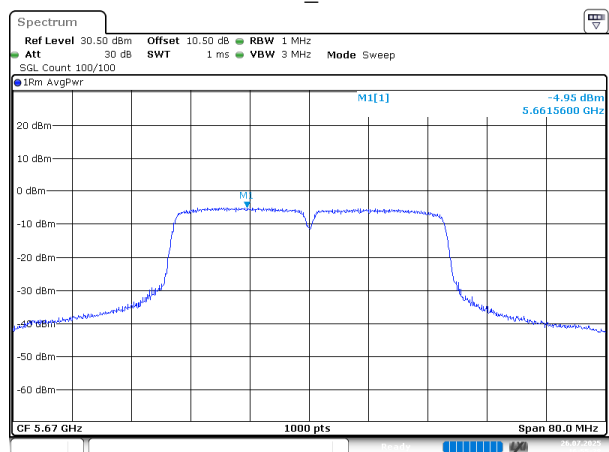
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802.11n40_5550MHz



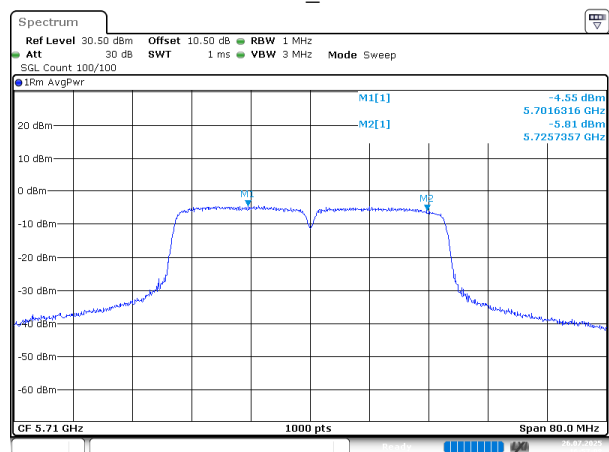
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802.11n40_5670MHz



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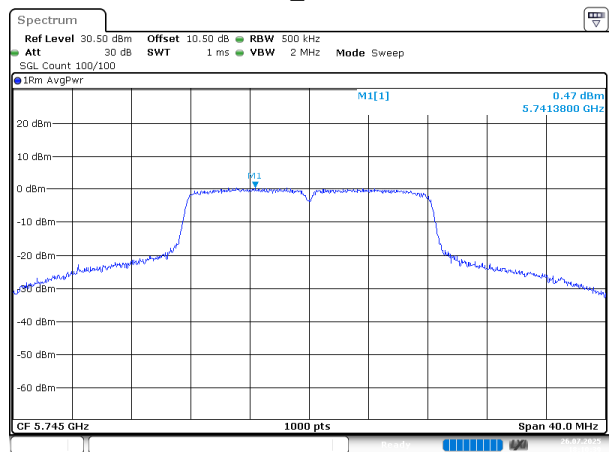
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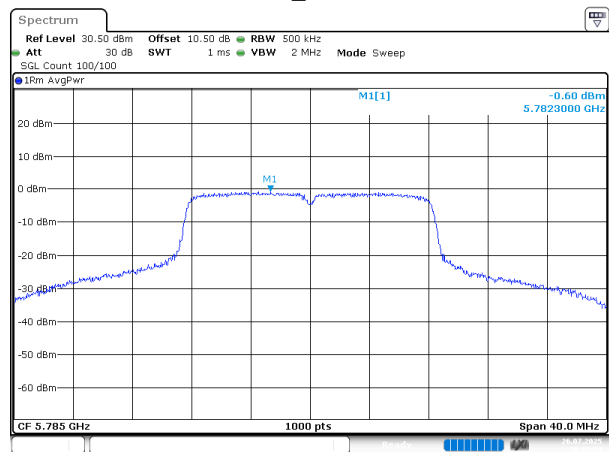
5725-5850MHz

802.11a_5745MHz



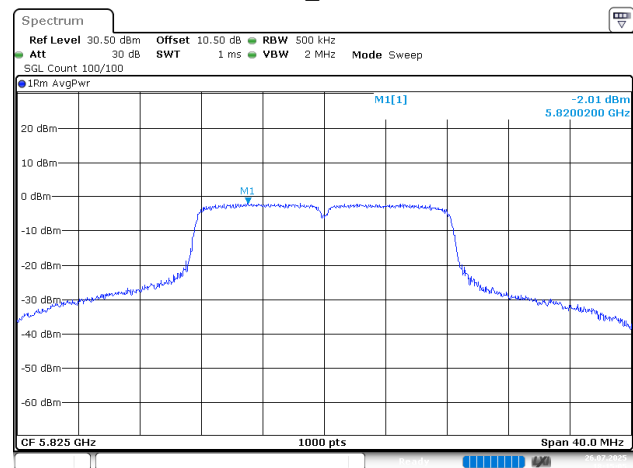
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Date: 26.JUL.2025 18:10:39

802.11a_5785MHz



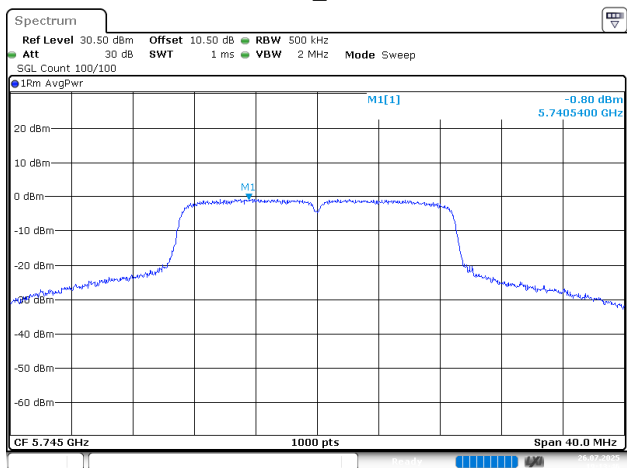
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Date: 26.JUL.2025 18:12:39

802.11a_5825MHz



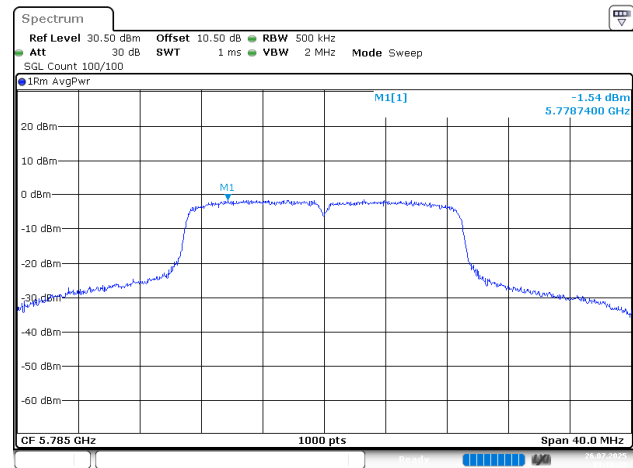
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Date: 26.JUL.2025 18:15:06

802.11n20_5745MHz



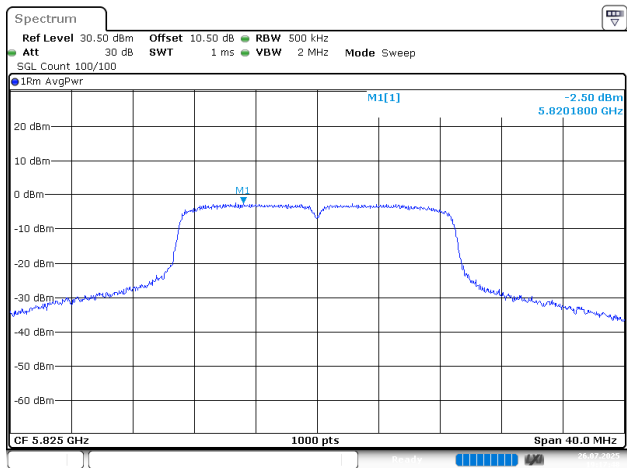
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Date: 26.JUL.2025 19:13:46

802.11n20_5785MHz



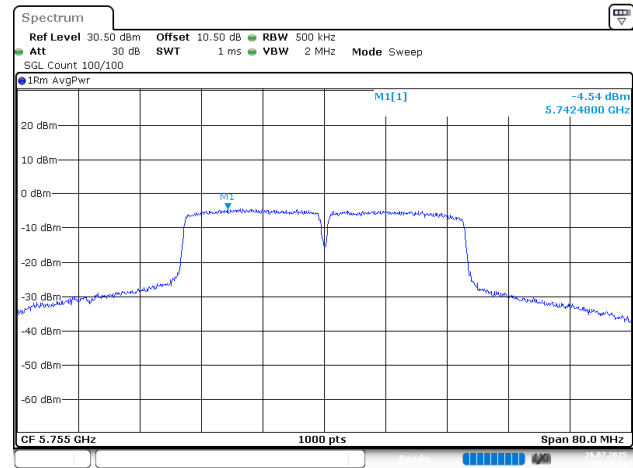
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Date: 26.JUL.2025 19:16:22

802.11n20_5825MHz



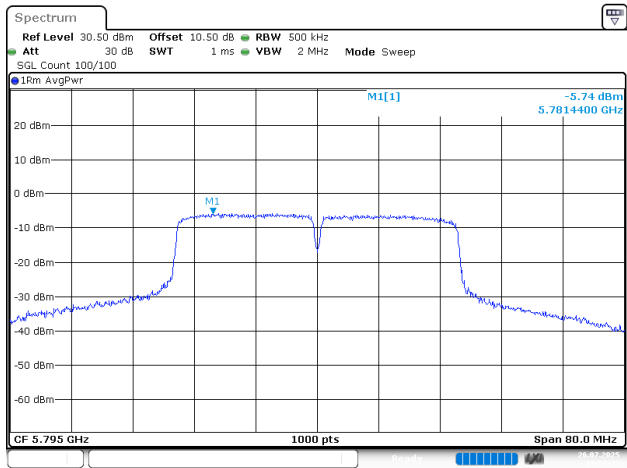
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Date: 26.JUL.2025 19:17:48

802.11n40_5755MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 19:58:15

802.11n40_5795MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 19:59:24

5.7 Duty Cycle

Test Information:

Serial No.:	33N8-1	Test Date:	2025/07/26
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	27.2	Relative Humidity: (%)	54	ATM Pressure: (kPa)	100.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM504	2025/06/06	2026/06/05

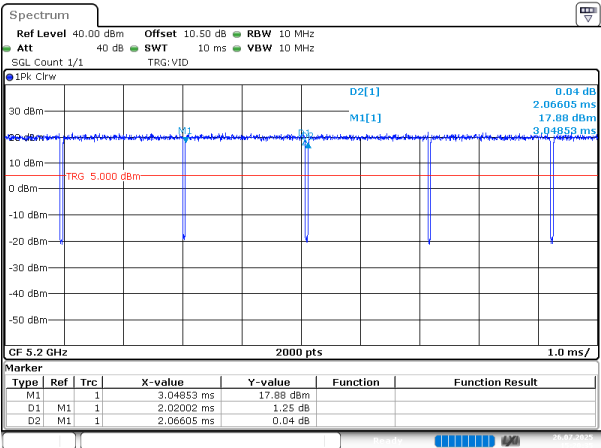
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	2.020	2.066	97.77	0.10	495	0.500
802.11n20	5200	1.895	1.940	97.68	0.10	528	1
802.11n40	5190	0.930	0.962	96.67	0.15	1075	2

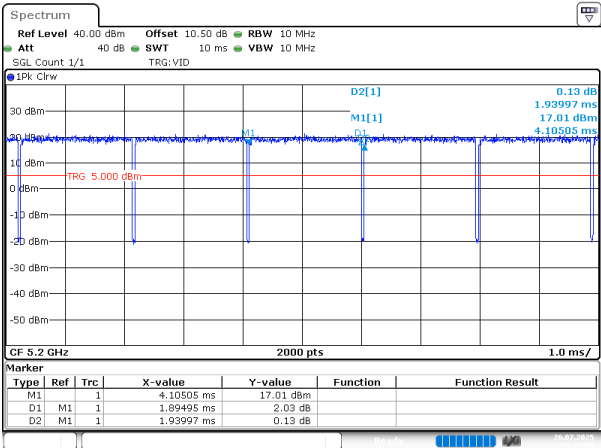
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



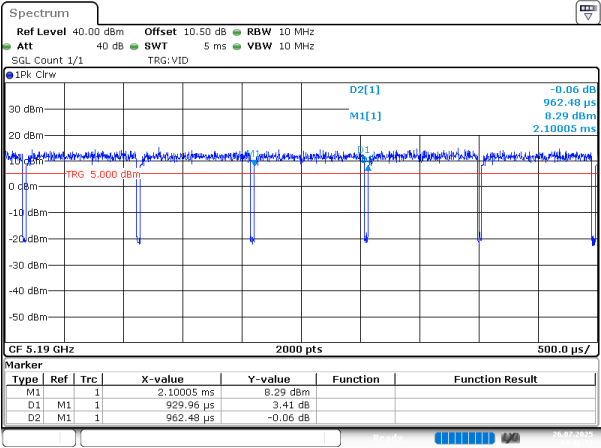
ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 15:20:36

802.11n20_5200MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 15:22:30

802.11n40_5190MHz



ProjectNo.:2502T30221E-RF Tester:Conor Fu
Date: 26.JUL.2025 14:42:32

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502T30221E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502T30221E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502T30221E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

EXHIBIT C - RF EXPOSURE EVALUATION

Maximum Permissible Exposure (MPE)

Applicable Standard

According to subpart §1.1310,15.407(f) systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Calculation formula:

Prediction of power density at the distance of the applicable MPE limit

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

Calculated Data:

Mode	Frequency (MHz)	Antenna Gain [▲]		Conducted output power including Tune-up Tolerance [▲]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
5G WiFi	5150-5850	4.7	2.95	17.0	50.12	20.00	0.029	1.0

Note:

The Antenna Gain and Conducted output power including Tune-up Tolerance provided by manufacturer

Result: The device meet FCC MPE at 20 cm distance

***** END OF REPORT *****