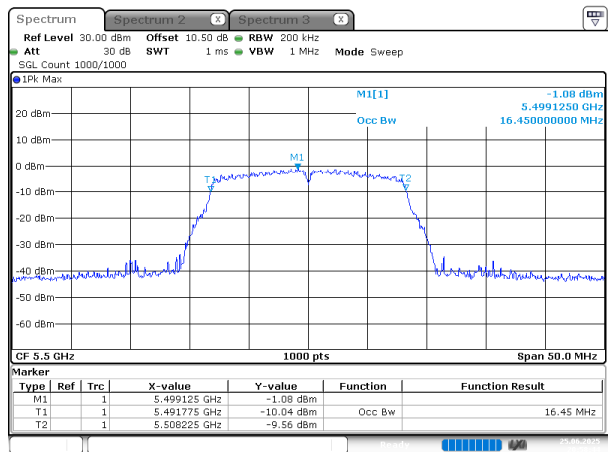


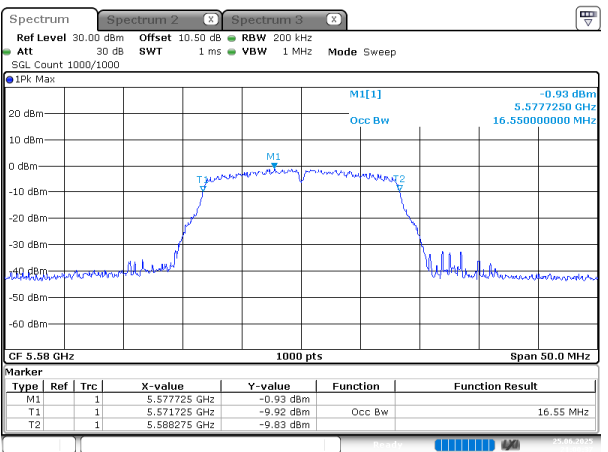
5470-5725MHz

802.11a_5500MHz



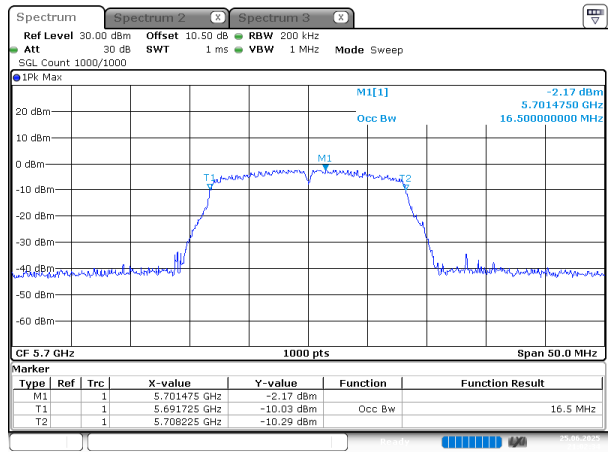
ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25 JUN.2025 20:58:45

802.11a_5580MHz



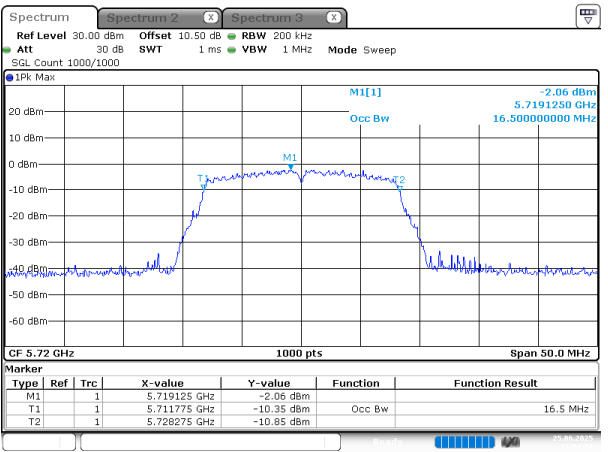
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Date: 25 JUN.2025 21:00:37

802.11a_5700MHz



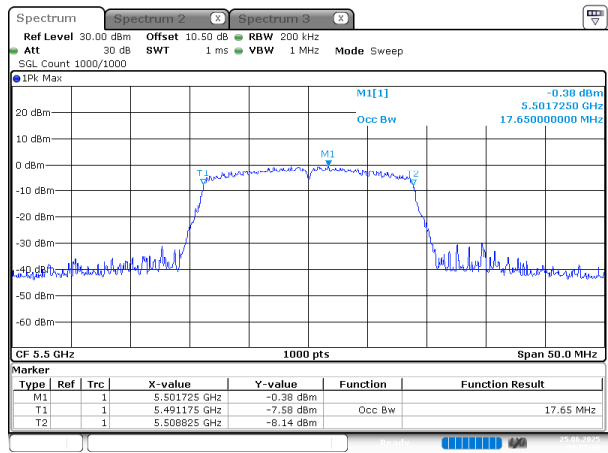
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Date: 25 JUN.2025 21:02:34

802.11a_5720MHz



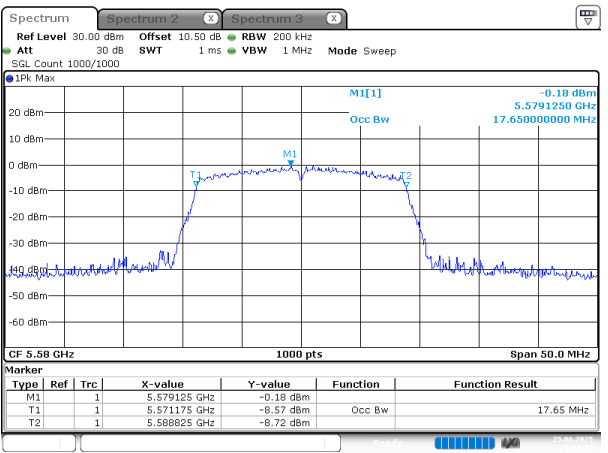
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802.11n20_5500MHz



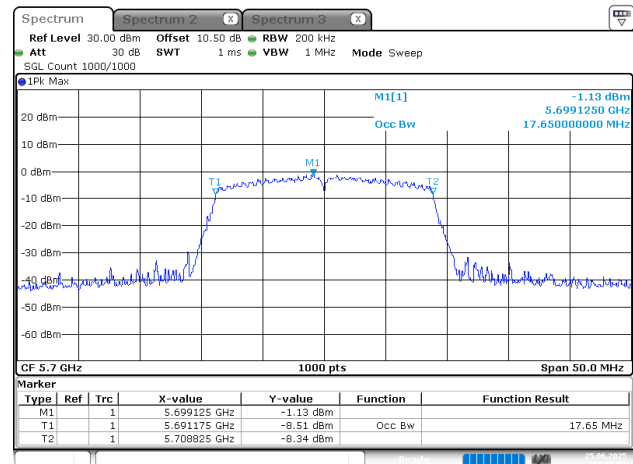
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802.11n20_5580MHz



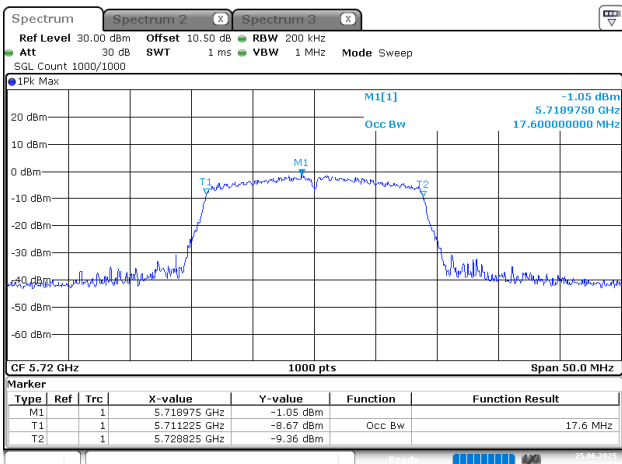
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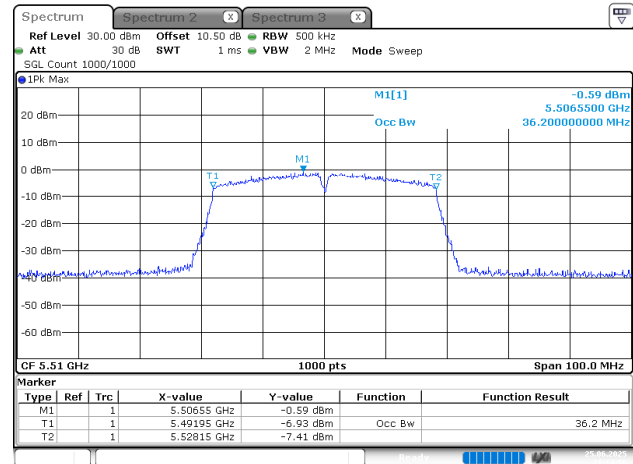
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802.11n20_5720MHz



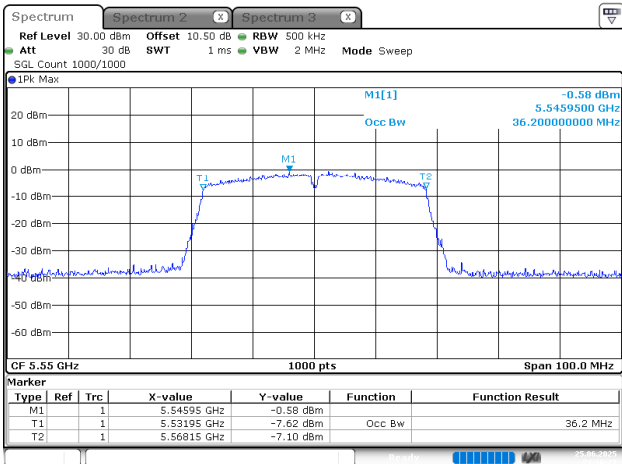
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802.11n40_5510MHz



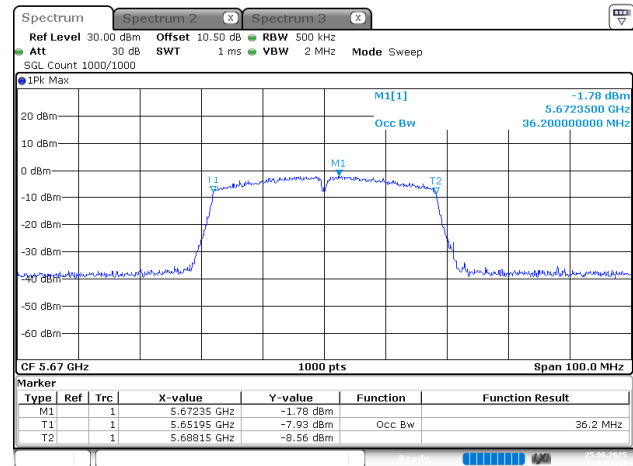
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802.11n40_5550MHz



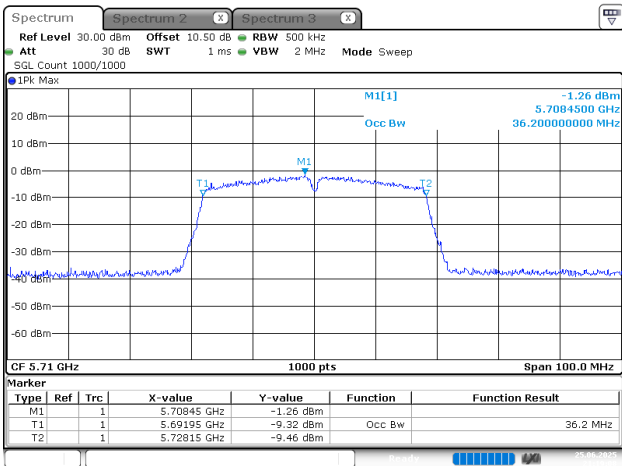
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802.11n40_5670MHz



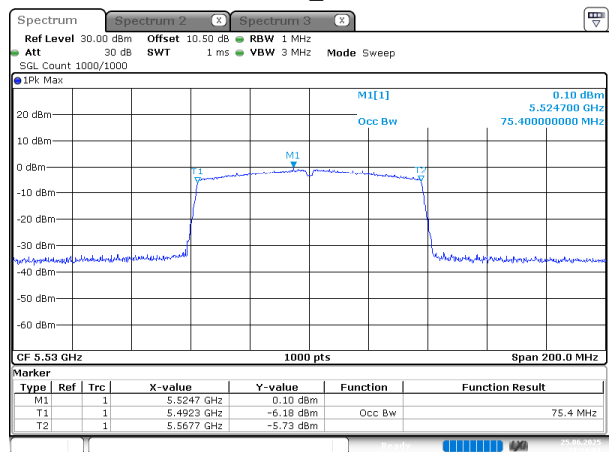
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802.11n40_5710MHz



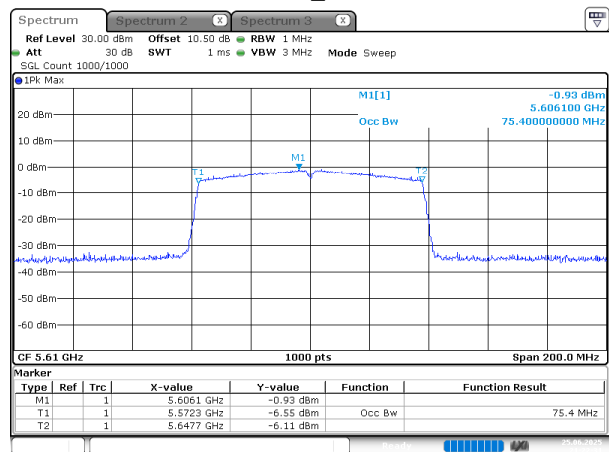
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802.11ac80_5530MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 21:21:01

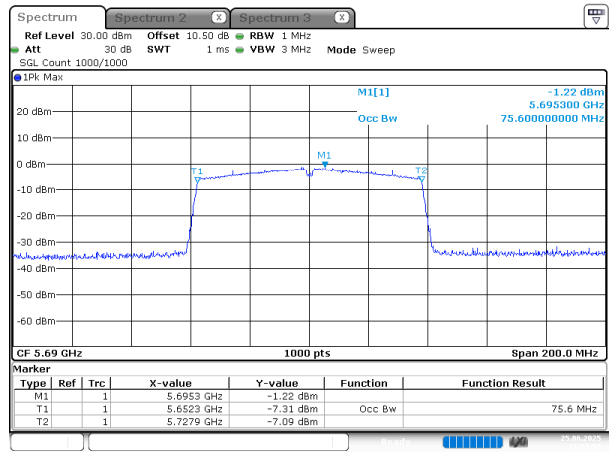
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ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 21:22:31

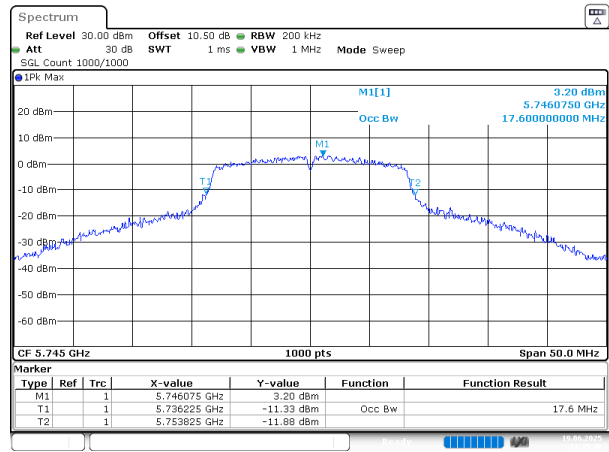
5725-5850MHz

802.11ac80_5690MHz



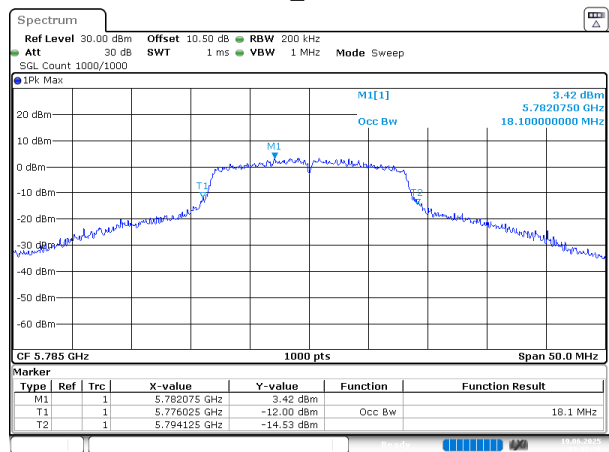
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802.11a_5745MHz



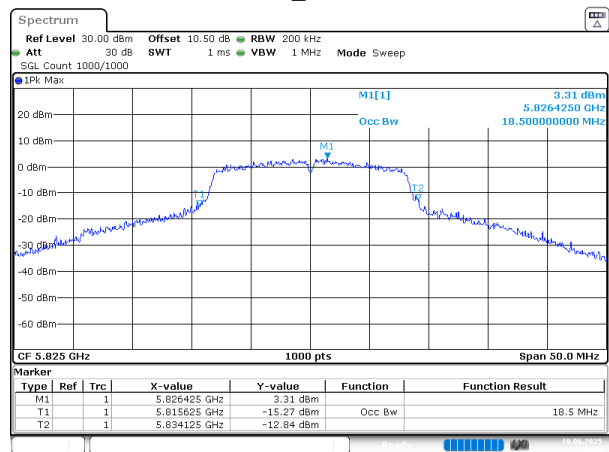
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Date: 19.JUN.2025 23:35:47

802.11a_5785MHz



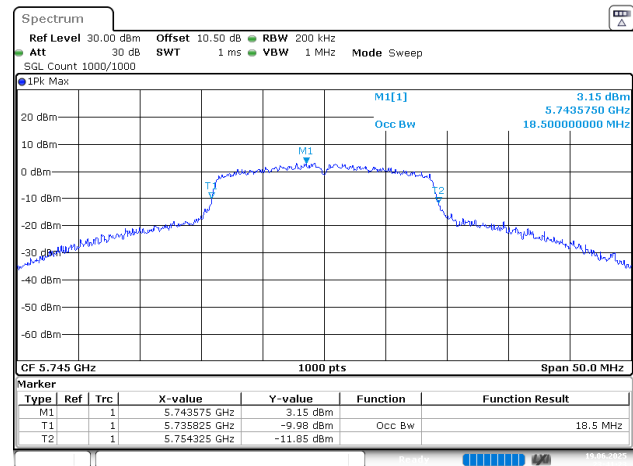
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802.11a_5825MHz



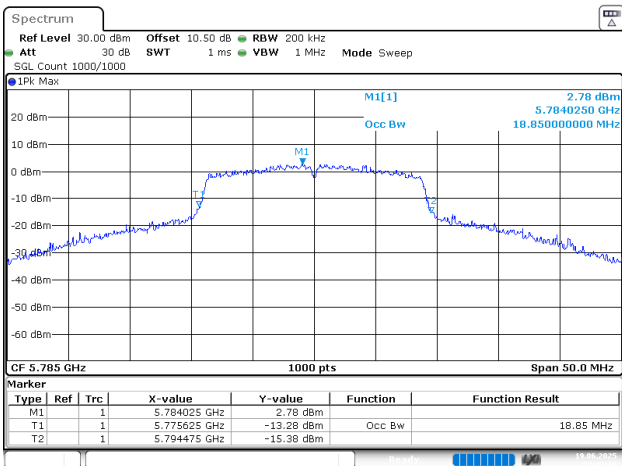
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802.11n20_5745MHz



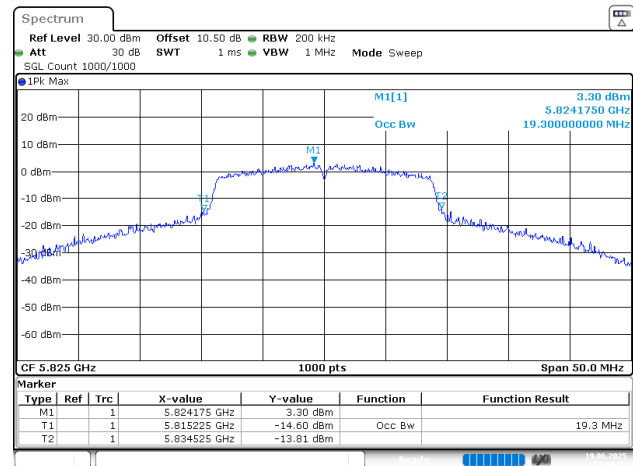
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802.11n20_5785MHz



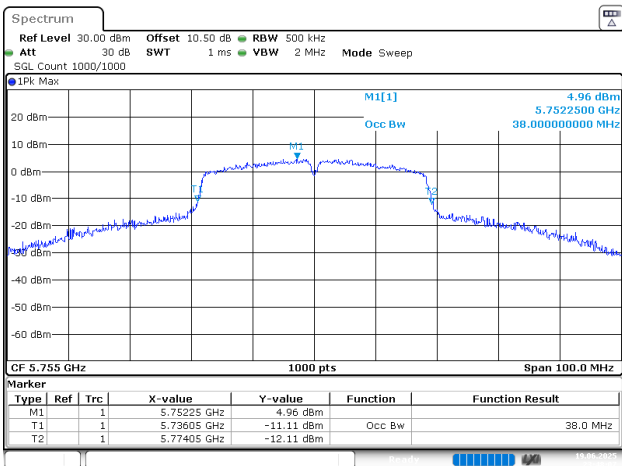
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802.11n20_5825MHz



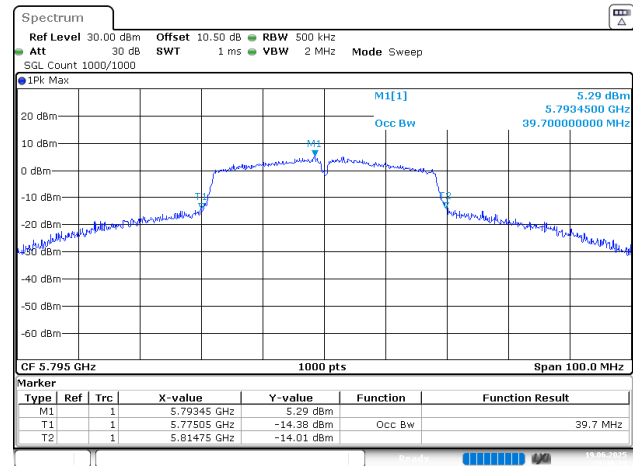
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802.11n40_5755MHz



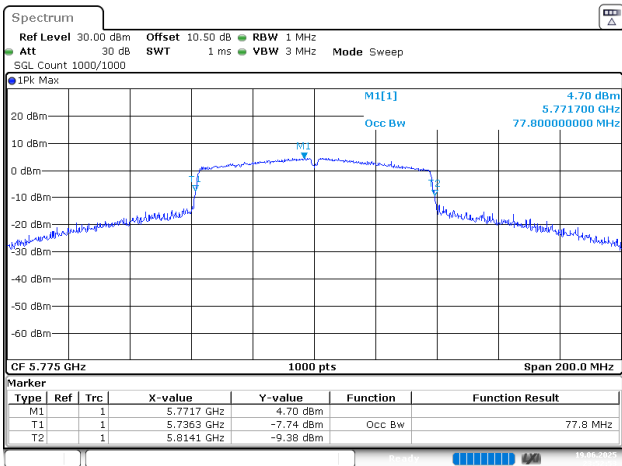
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802.11n40_5795MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 23:49:30

802.11ac80_5775MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 23:52:53

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	33NK-2	Test Date:	2025/06/19~2025/07/10
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.2-26.7	Relative Humidity: (%)	54-66	ATM Pressure: (kPa)	99.8-100.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10

* 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:**5150-5250MHz**

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5180	13.63	24	Pass
	5200	13.53	24	Pass
	5240	13.84	24	Pass
802.11n20	5180	13.45	24	Pass
	5200	13.56	24	Pass
	5240	13.66	24	Pass
802.11n40	5190	9.36	24	Pass
	5230	9.47	24	Pass
802.11ac80	5210	9.26	24	Pass

Note: The device serves as both the Master and the Client and use more strict limits.

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5260	13.75	24	Pass
	5280	13.82	24	Pass
	5320	13.8	24	Pass
802.11n20	5260	13.66	24	Pass
	5280	13.89	24	Pass
	5320	13.8	24	Pass
802.11n40	5270	9.49	24	Pass
	5310	9.72	24	Pass
802.11ac80	5290	9.53	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5500	13.17	24	Pass
	5580	13.21	24	Pass
	5700	12.89	24	Pass
	5720	12.21	24	Pass
802.11n20	5500	13.05	24	Pass
	5580	13.15	24	Pass
	5700	12.62	24	Pass
	5720	11.81	24	Pass
802.11n40	5510	11.02	24	Pass
	5550	11.22	24	Pass
	5670	10.78	24	Pass
	5710	10.53	24	Pass
802.11ac80	5530	9.97	24	Pass
	5610	10.0	24	Pass
	5690	9.5	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	13.16	30	Pass
	5785	13.09	30	Pass
	5825	12.83	30	Pass
802.11n20	5745	13.19	30	Pass
	5785	12.98	30	Pass
	5825	12.77	30	Pass
802.11n40	5755	13.37	30	Pass
	5795	13.31	30	Pass
802.11ac80	5775	13.06	30	Pass

5.6 Power Spectral Density

Test Information:

Serial No.:	33NK-2	Test Date:	2025/06/19~2025/06/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6-25.9	Relative Humidity: (%)	49-55	ATM Pressure: (kPa)	100.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06

** 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:**5150-5250MHz**

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	3.61	0	3.61	11	Pass
	5200	3.39	0	3.39	11	Pass
	5240	3.88	0	3.88	11	Pass
802.11n20	5180	3.10	0	3.10	11	Pass
	5200	3.33	0	3.33	11	Pass
	5240	3.72	0	3.72	11	Pass
802.11n40	5190	-3.87	0	-3.87	11	Pass
	5230	-3.67	0	-3.67	11	Pass
802.11ac80	5210	-7.11	0	-7.11	11	Pass

Note: The device serves as both the Master and the Client and use more strict limits.

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	3.71	0	3.71	11	Pass
	5280	3.79	0	3.79	11	Pass
	5320	3.80	0	3.80	11	Pass
802.11n20	5260	3.47	0	3.47	11	Pass
	5280	3.62	0	3.62	11	Pass
	5320	3.62	0	3.62	11	Pass
802.11n40	5270	-3.69	0	-3.69	11	Pass
	5310	-3.48	0	-3.48	11	Pass
802.11ac80	5290	-6.99	0	-6.99	11	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5500	-1.28	0	-1.28	11	Pass
	5580	-1.12	0	-1.12	11	Pass
	5700	-2.18	0	-2.18	11	Pass
	5720	-2.34	0	-2.34	11	Pass
802.11n20	5500	-0.63	0	-0.63	11	Pass
	5580	-0.87	0	-0.87	11	Pass
	5700	-1.36	0	-1.36	11	Pass
	5720	-1.76	0	-1.76	11	Pass
802.11n40	5510	-5.73	0	-5.73	11	Pass
	5550	-5.58	0	-5.58	11	Pass
	5670	-6.36	0	-6.36	11	Pass
	5710	-6.44	0	-6.44	11	Pass
802.11ac80	5530	-8.67	0	-8.67	11	Pass
	5610	-9.11	0	-9.11	11	Pass
	5690	-9.70	0	-9.70	11	Pass

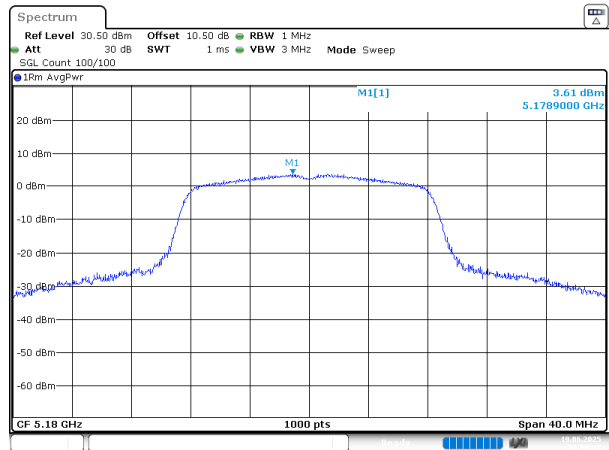
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	0.39	0	0.39	30	Pass
	5785	0.15	0	0.15	30	Pass
	5825	0.35	0	0.35	30	Pass
802.11n20	5745	0.10	0	0.10	30	Pass
	5785	-0.13	0	-0.13	30	Pass
	5825	-0.30	0	-0.30	30	Pass
802.11n40	5755	-2.70	0	-2.70	30	Pass
	5795	-2.77	0	-2.77	30	Pass
802.11ac80	5775	-6.20	0	-6.20	30	Pass

Result = Reading + Duty Cycle Factor

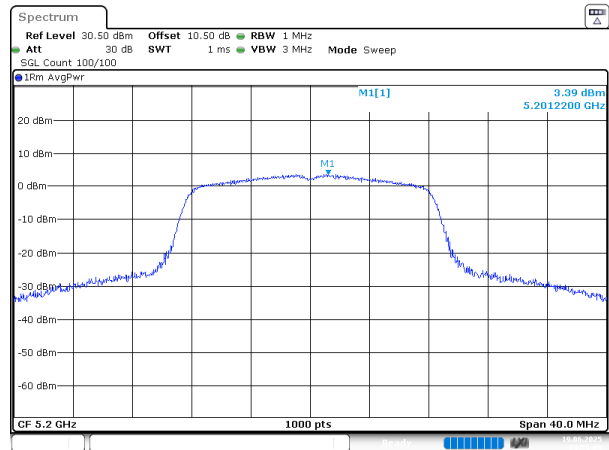
5150-5250MHz

802.11a_5180MHz



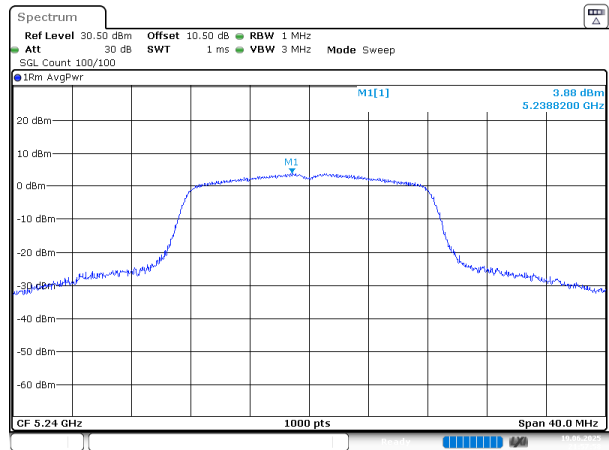
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Date: 19.JUN.2025 21:54:47

802.11a_5200MHz



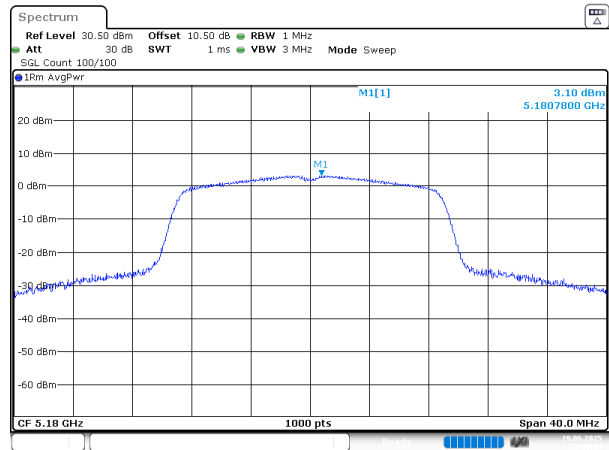
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Date: 19.JUN.2025 21:56:21

802.11a_5240MHz



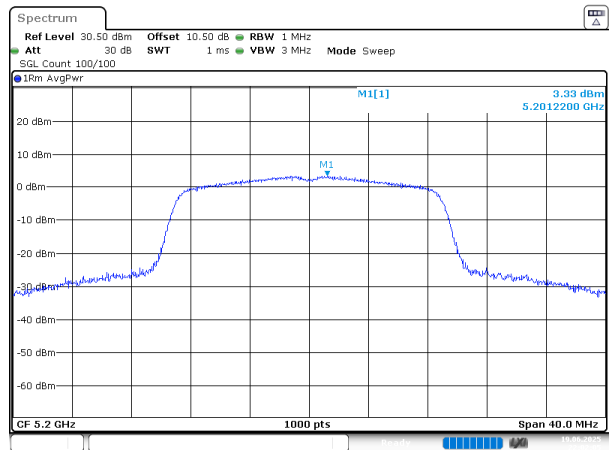
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Date: 19.JUN.2025 21:57:59

802.11n20_5180MHz



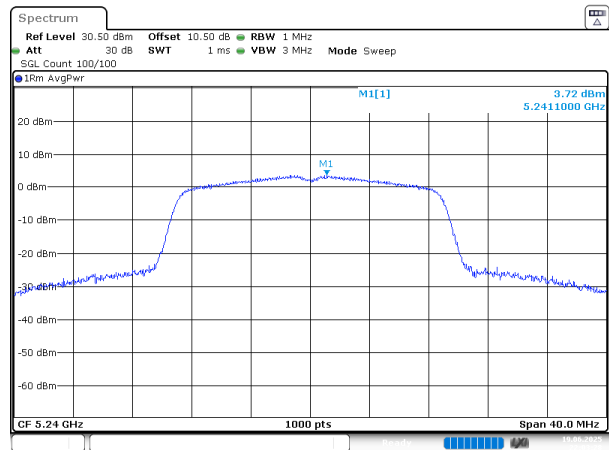
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802.11n20_5200MHz



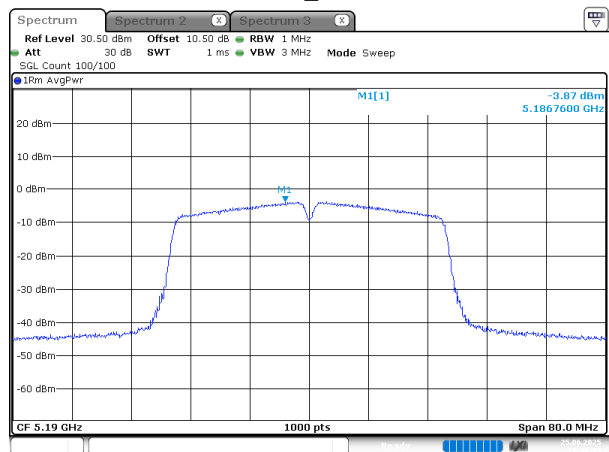
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802.11n20_5240MHz



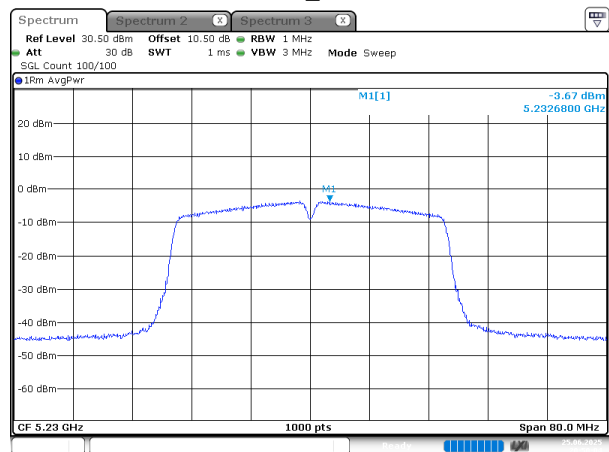
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Date: 19.JUN.2025 22:03:28

802.11n40_5190MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 20:48:54

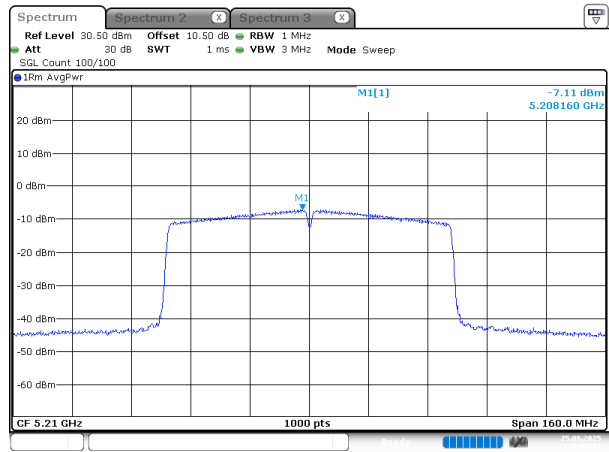
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ProjectNo.:2502T61980E-RF Tester:Conor Fu
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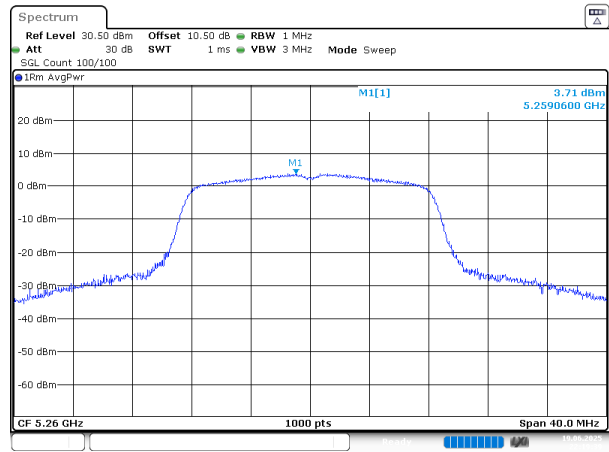
5250-5350MHz

802.11ac80_5210MHz



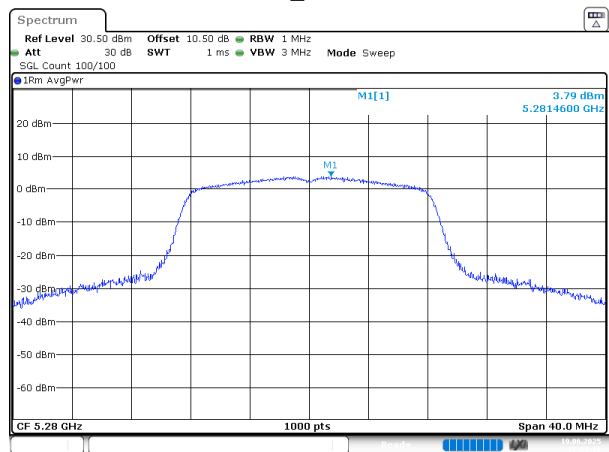
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Date: 25.JUN.2025 20:51:34

802.11a_5260MHz



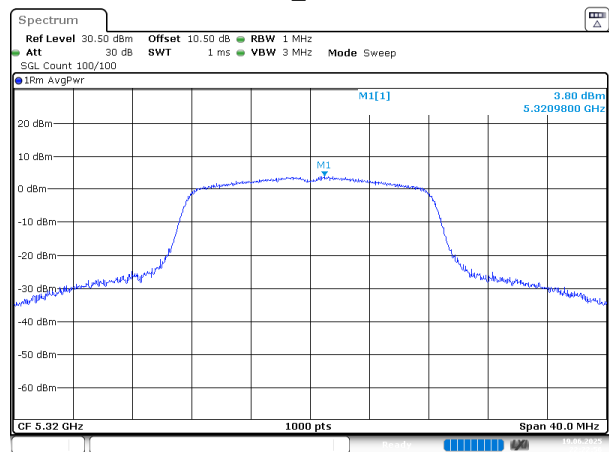
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Date: 19.JUN.2025 22:19:40

802.11a_5280MHz



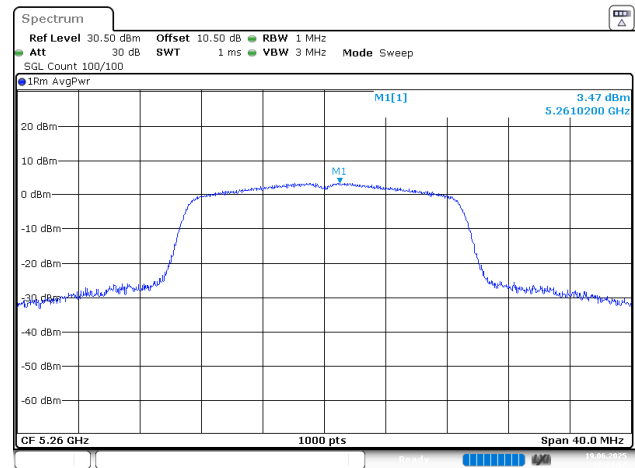
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Date: 19.JUN.2025 22:21:17

802.11a_5320MHz



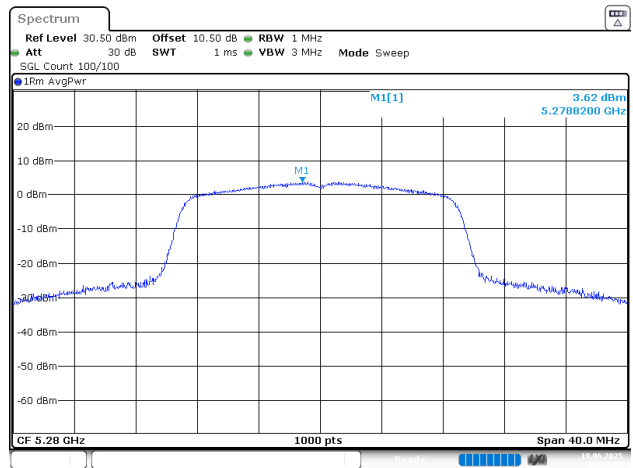
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Date: 19.JUN.2025 22:22:57

802.11n20_5260MHz



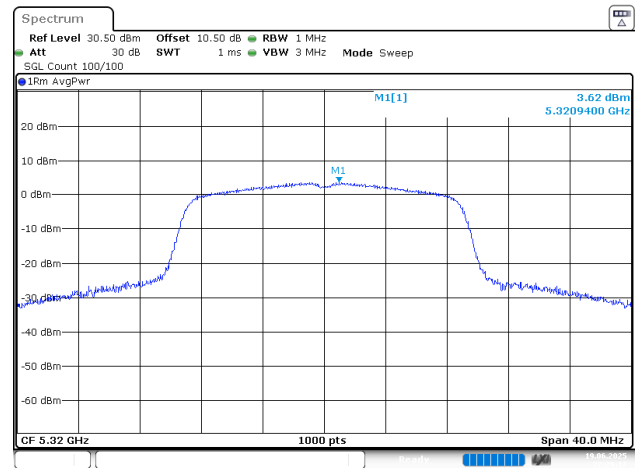
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Date: 19.JUN.2025 22:24:57

802.11n20_5280MHz



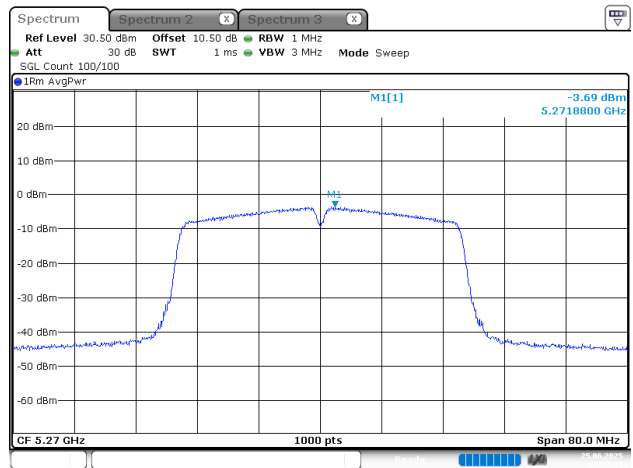
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Date: 19.JUN.2025 22:27:54

802.11n20_5320MHz



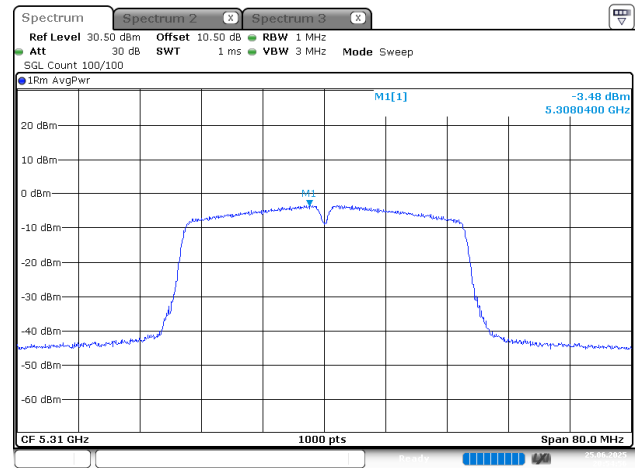
ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 22:29:17

802.11n40_5270MHz



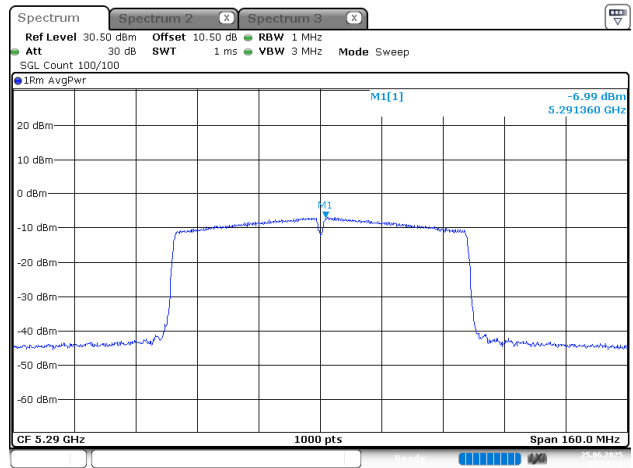
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Date: 25.JUN.2025 20:53:33

802.11n40_5310MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 20:54:56

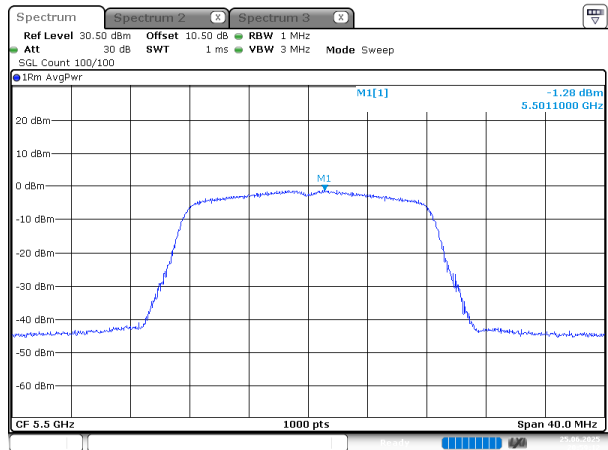
802.11ac80_5290MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 20:56:27

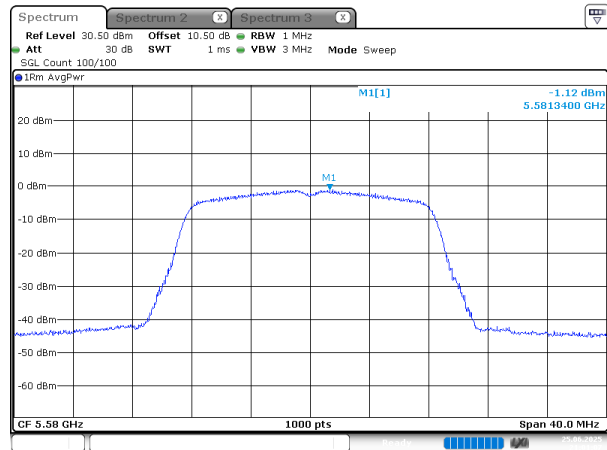
5470-5725MHz

802.11a_5500MHz



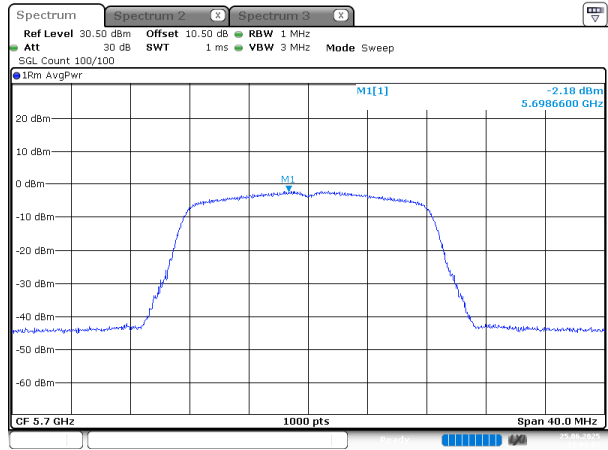
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Date: 25.JUN.2025 20:59:12

802.11a_5580MHz



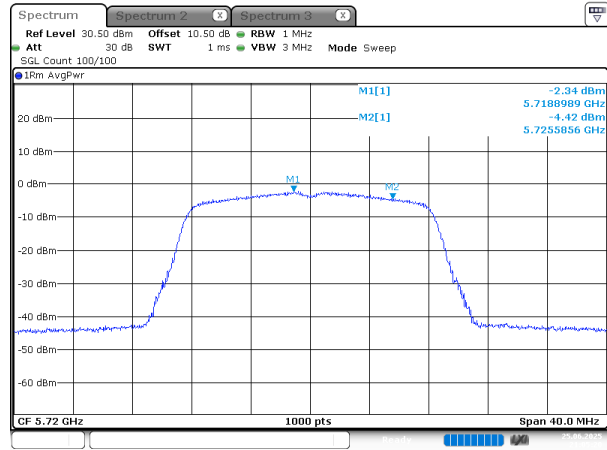
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Date: 25.JUN.2025 21:01:07

802.11a_5700MHz



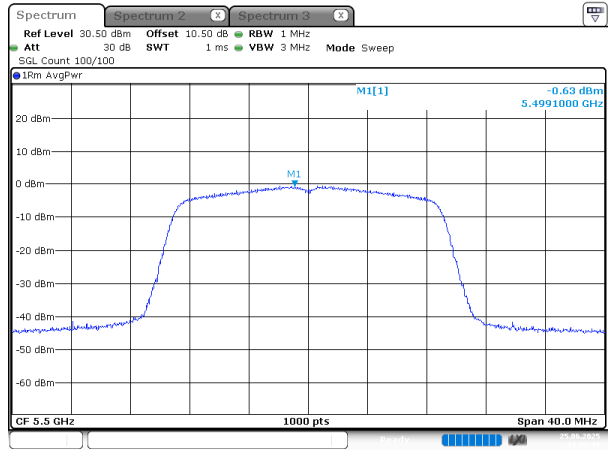
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Date: 25.JUN.2025 21:03:06

802.11a_5720MHz



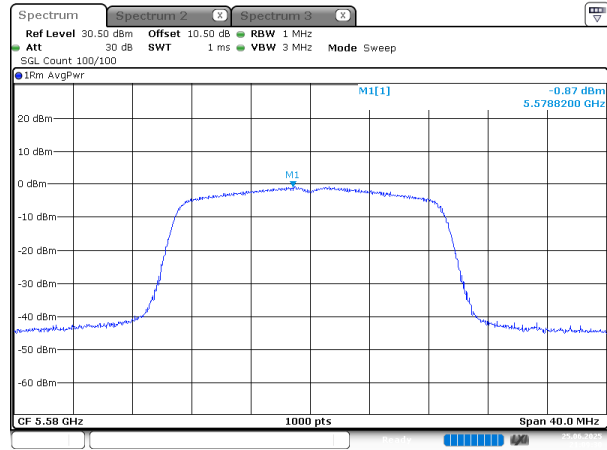
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Date: 25.JUN.2025 21:05:21

802.11n20_5500MHz



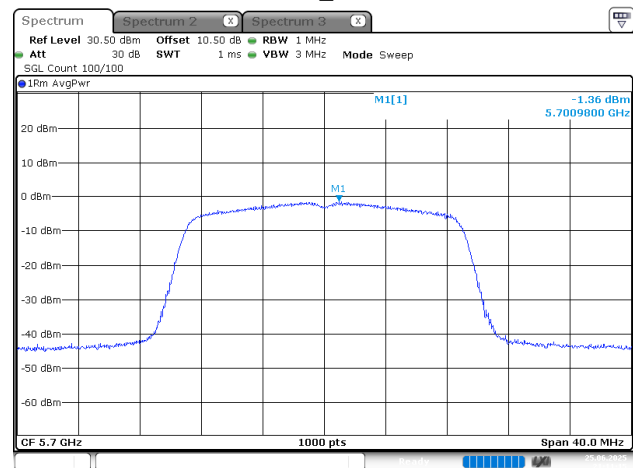
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Date: 25.JUN.2025 21:07:50

802.11n20_5580MHz



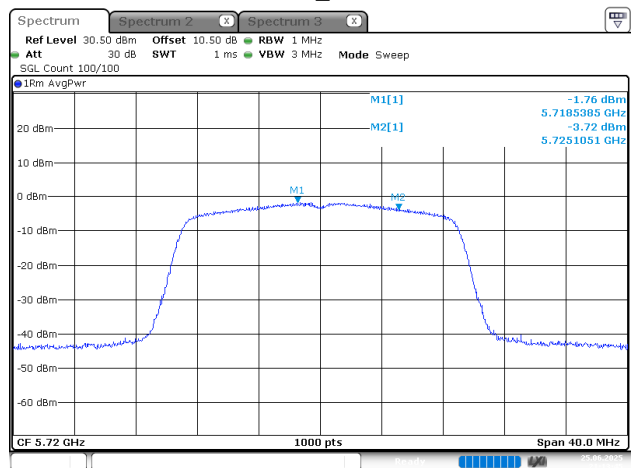
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Date: 25.JUN.2025 21:09:30

802.11n20_5700MHz



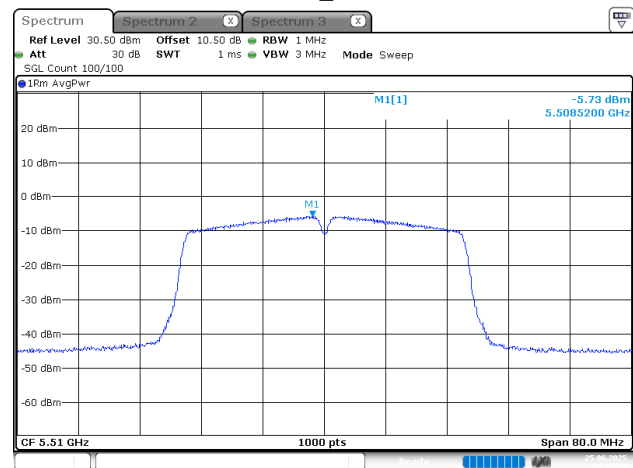
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Date: 25.JUN.2025 21:11:16

802.11n20_5720MHz



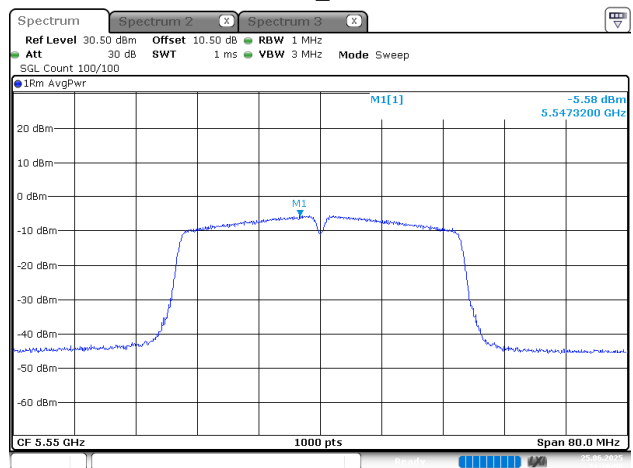
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Date: 25.JUN.2025 21:13:45

802.11n40_5510MHz



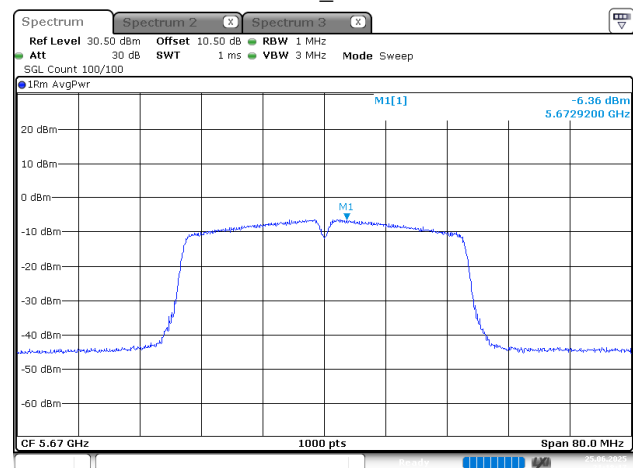
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Date: 25.JUN.2025 21:15:27

802.11n40_5550MHz



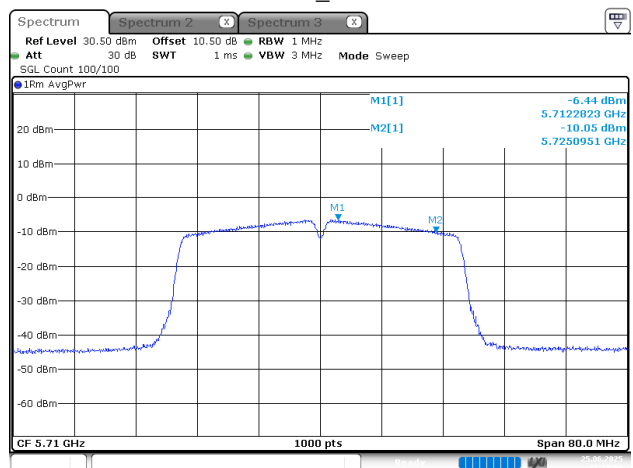
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Date: 25.JUN.2025 21:16:56

802.11n40_5670MHz



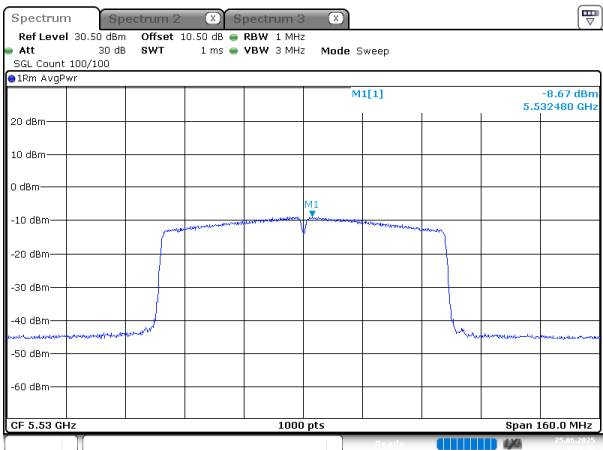
ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 21:18:17

802.11n40_5710MHz



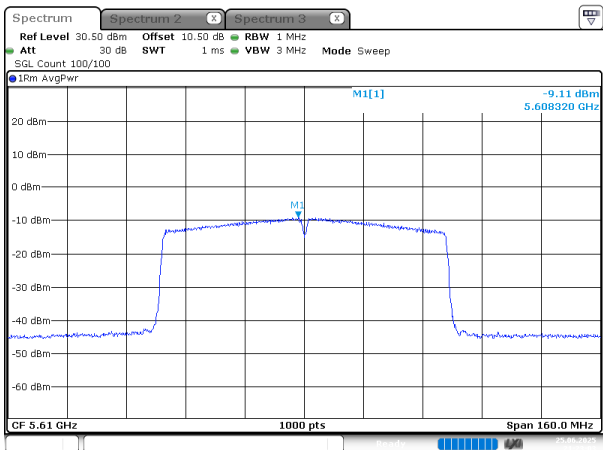
ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 21:19:56

802.11ac80_5530MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 21:21:30

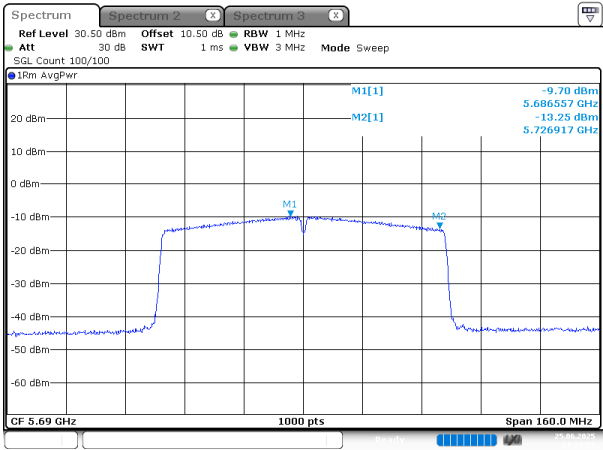
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ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 21:23:03

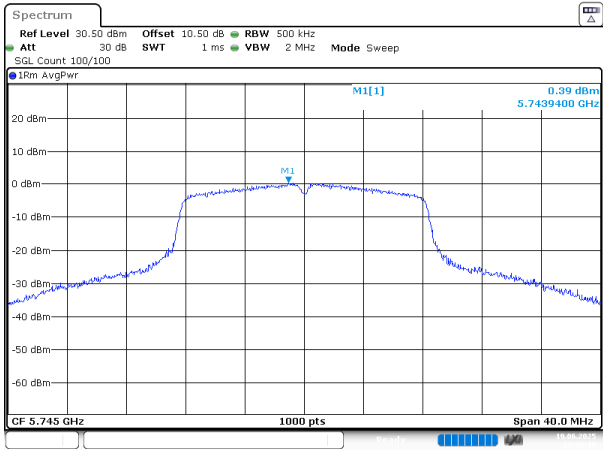
5725-5850MHz

802.11ac80_5690MHz



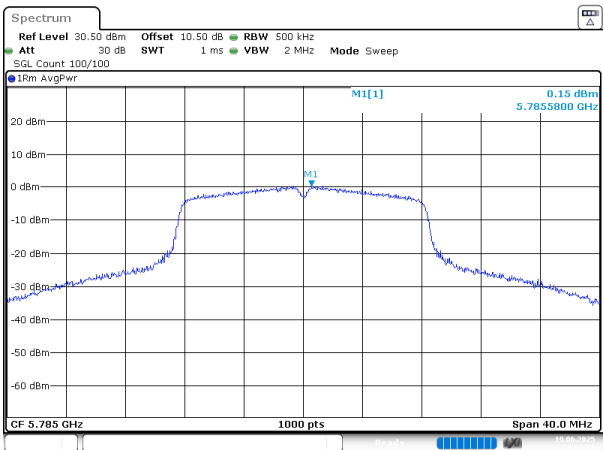
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Date: 25.JUN.2025 21:24:53

802.11a_5745MHz



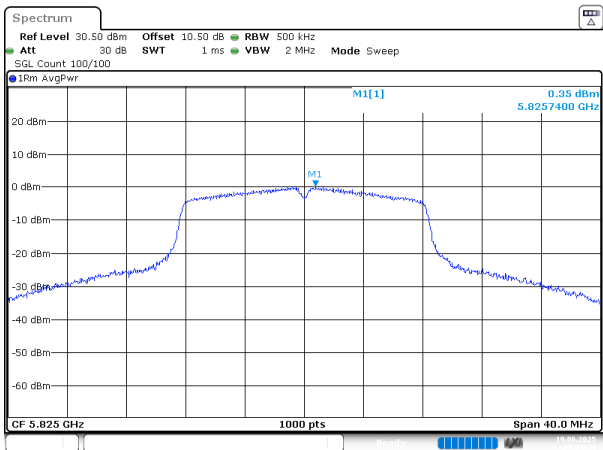
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Date: 19.JUN.2025 23:36:11

802.11a_5785MHz



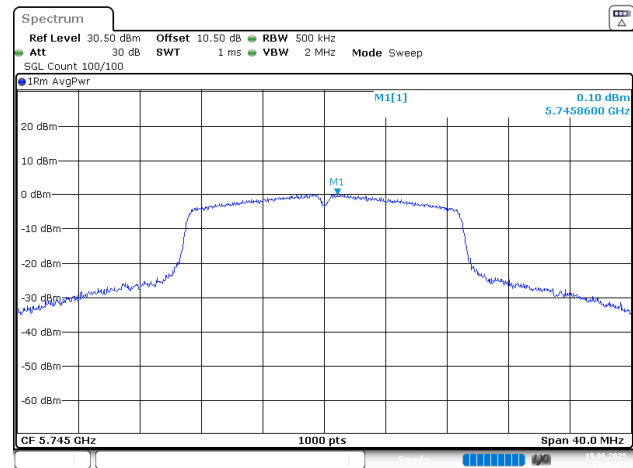
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Date: 19.JUN.2025 23:37:56

802.11a_5825MHz



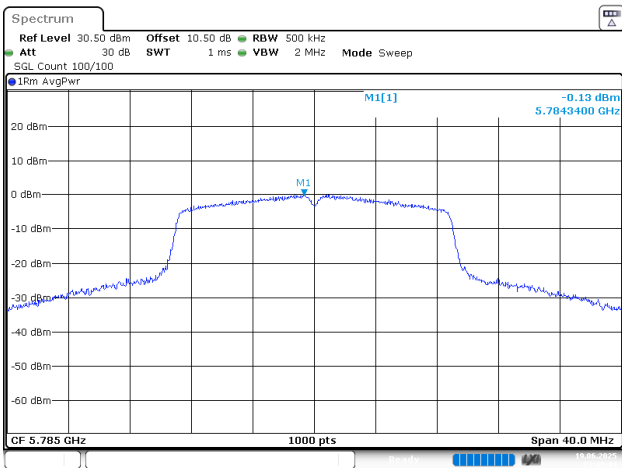
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Date: 19.JUN.2025 23:39:41

802.11n20_5745MHz



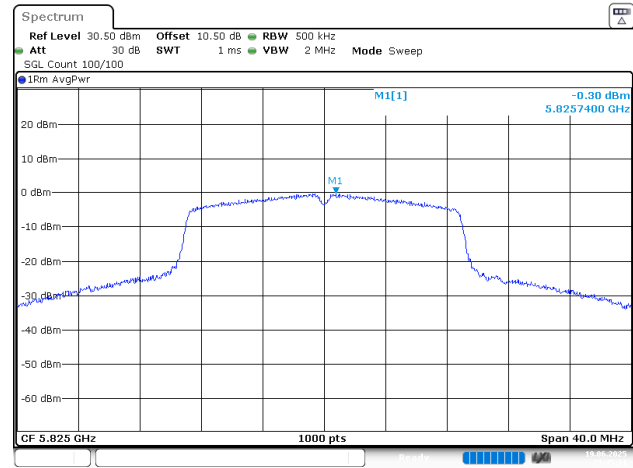
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802.11n20_5785MHz



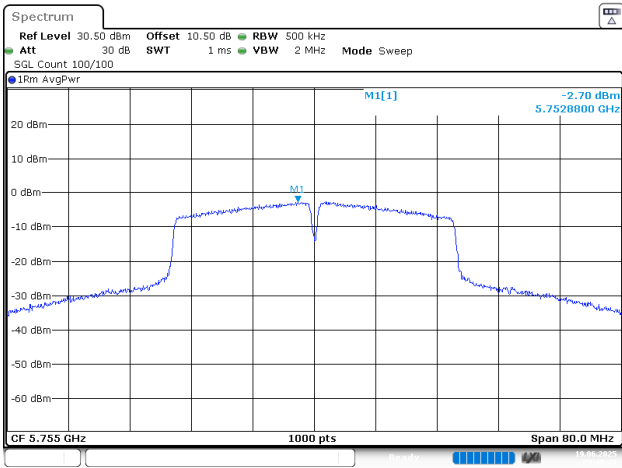
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Date: 19.JUN.2025 23:43:45

802.11n20_5825MHz



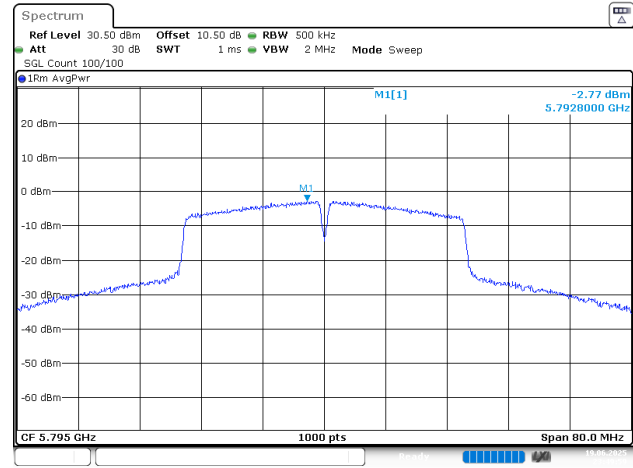
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Date: 19.JUN.2025 23:45:22

802.11n40_5755MHz



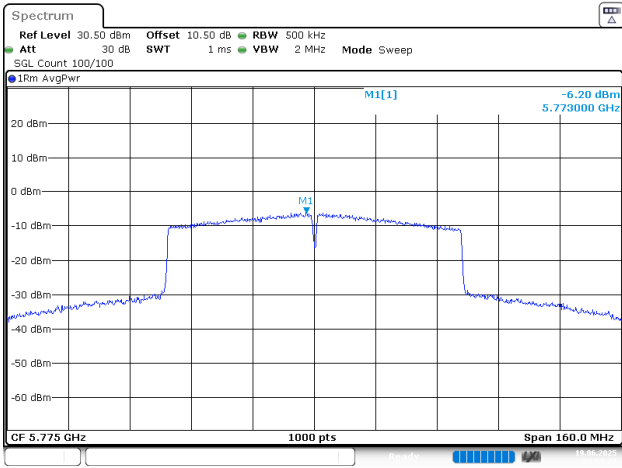
ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 23:46:41

802.11n40_5795MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 23:49:59

802.11ac80_5775MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 23:53:27

5.7 Duty Cycle

Test Information:

Serial No.:	33NK-2	Test Date:	2025/06/19~2025/06/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	25.6-25.9	Relative Humidity: (%)	49-55	ATM Pressure: (kPa)	100.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101461	2024/09/05	2025/09/04
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/06/07	2026/06/06

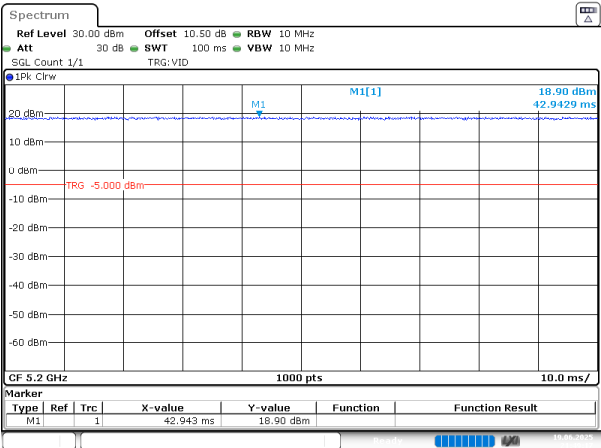
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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	100	100	100	0	NA	0.010
802.11n20	5200	100	100	100	0	NA	0.010
802.11n40	5190	100	100	100	0	NA	0.010
802.11ac80	5210	100	100	100	0	NA	0.010

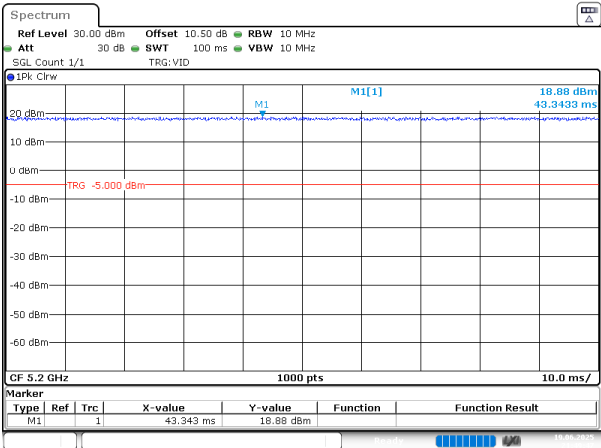
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



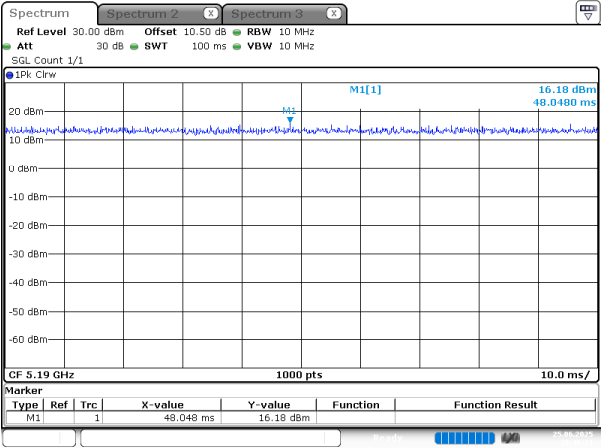
ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 19.JUN.2025 21:49:17

802.11n20_5200MHz



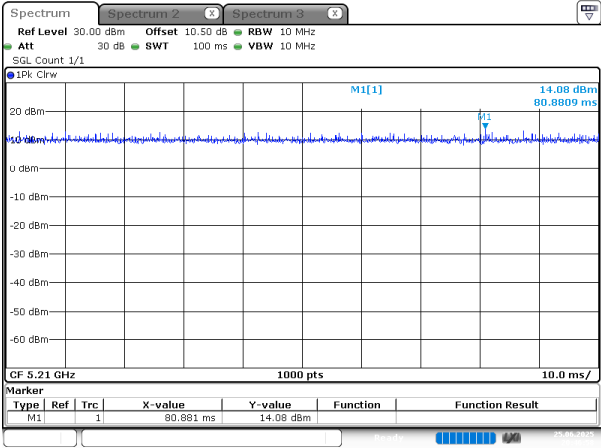
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Date: 19.JUN.2025 21:49:48

802.11n40_5190MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 20:46:32

802.11ac80_5210MHz



ProjectNo.:2502T61980E-RF Tester:Conor Fu
Date: 25.JUN.2025 20:46:59

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502T61980E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502T61980E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502T61980E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

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