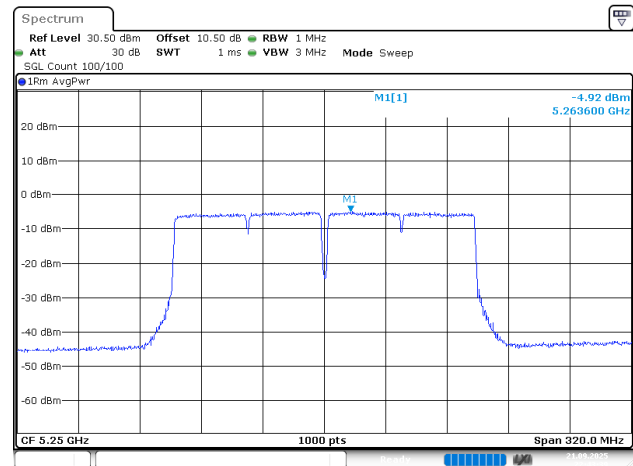
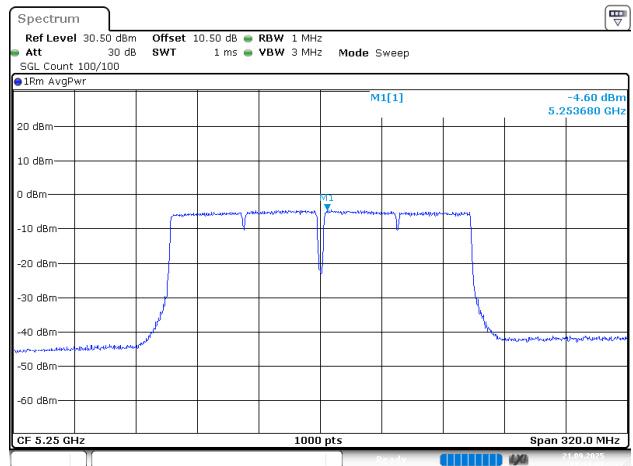


802.11ac vht160_5250MHz_Chain 0



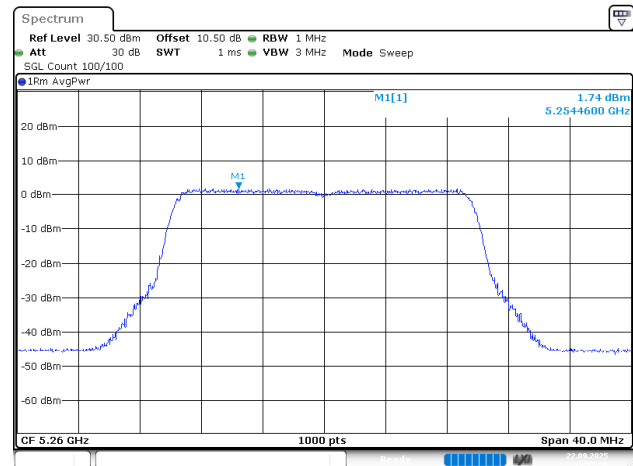
ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 22:43:39

802.11ac vht160_5250MHz_Chain 1



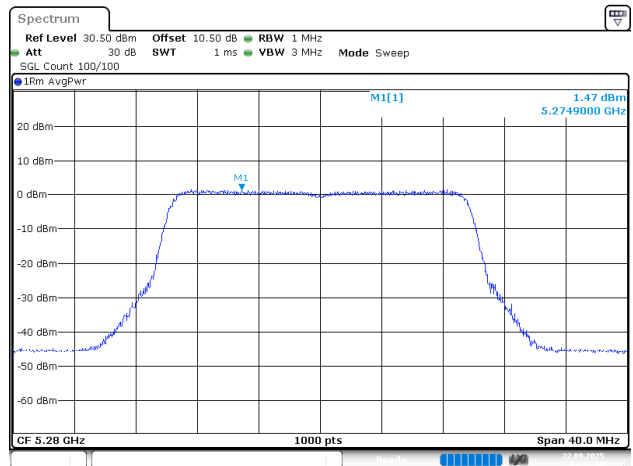
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Date: 21.SEP.2025 21:13:01

802.11be eht20_5260MHz_RU_Full_Chain 0



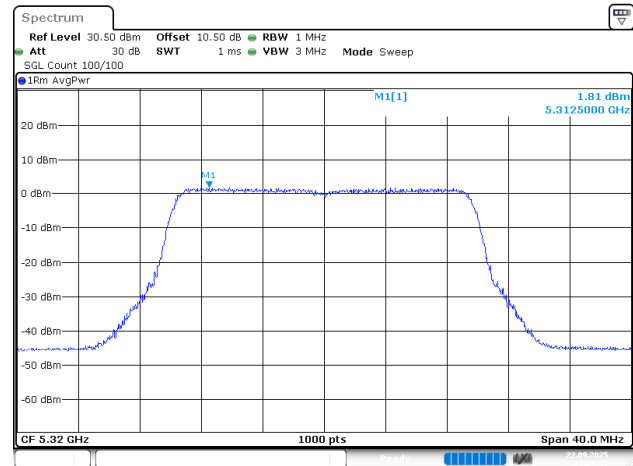
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Date: 22.SEP.2025 19:17:36

802.11be eht20_5280MHz_RU_Full_Chain 0



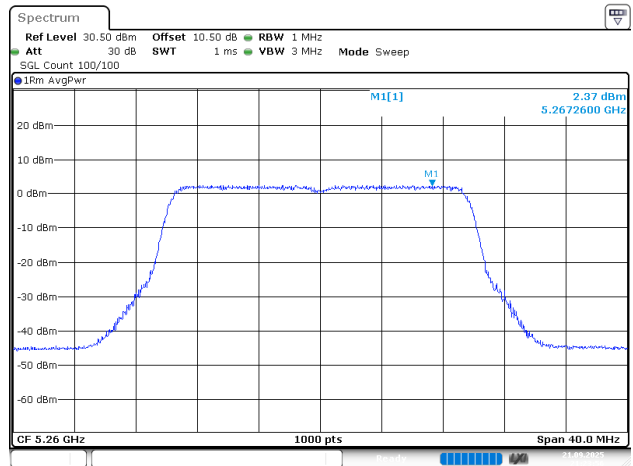
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Date: 22.SEP.2025 19:19:08

802.11be eht20_5320MHz_RU_Full_Chain 0



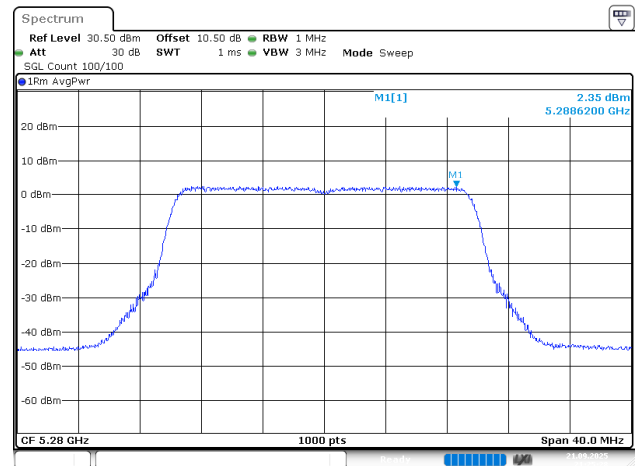
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Date: 22.SEP.2025 19:20:53

802.11be eht20_5260MHz_RU_Full_Chain 1



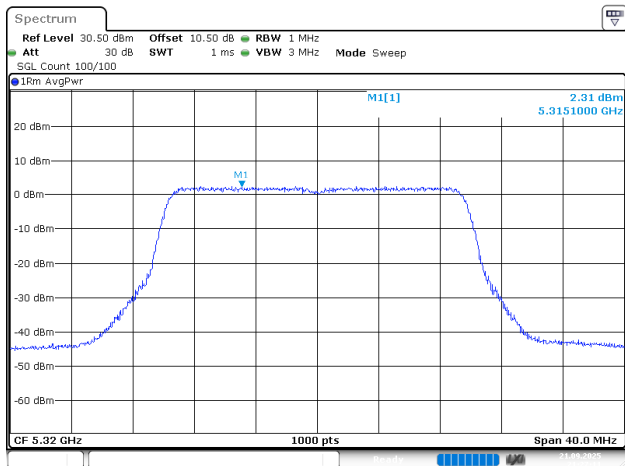
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Date: 21.SEP.2025 21:23:56

802.11be eht20_5280MHz_RU_Full_Chain 1



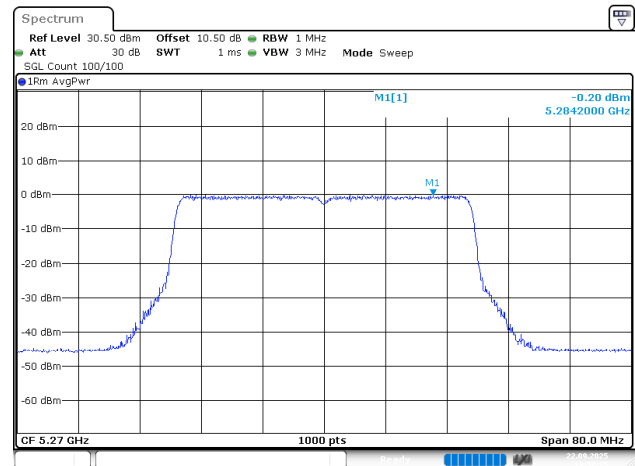
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Date: 21.SEP.2025 21:25:28

802.11be eht20_5320MHz_RU_Full_Chain 1



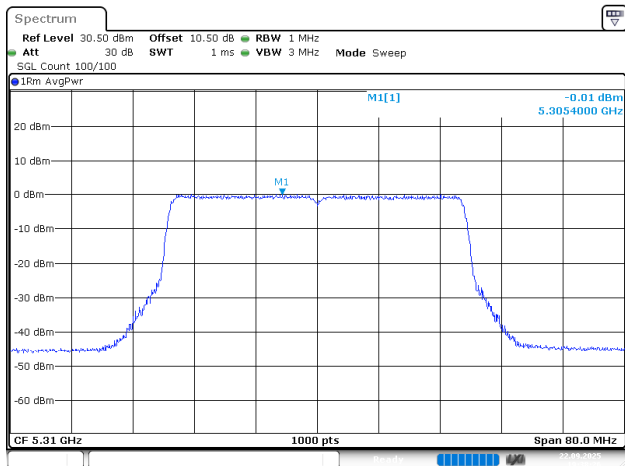
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Date: 21.SEP.2025 21:27:11

802.11be eht40_5270MHz_RU_Full_Chain 0



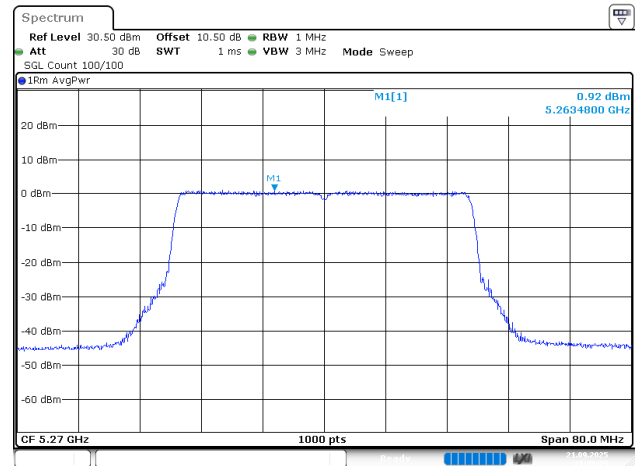
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Date: 22.SEP.2025 19:37:26

802.11be eht40_5310MHz_RU_Full_Chain 0



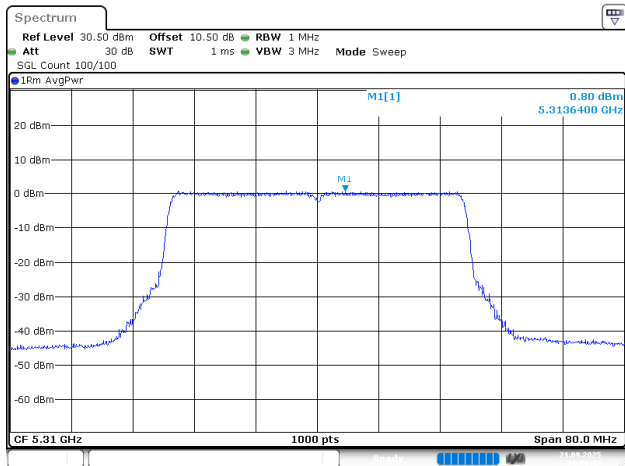
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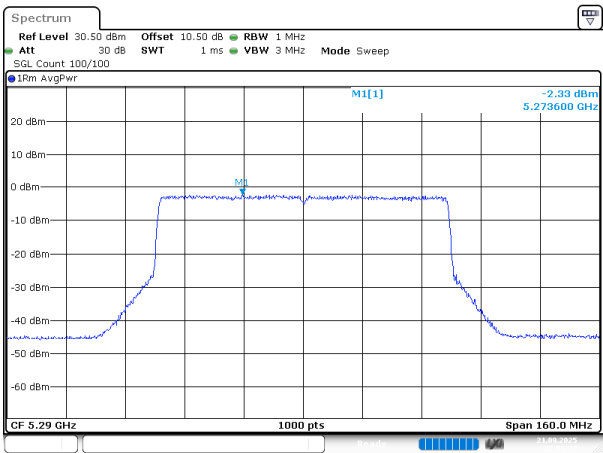
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802.11be eht40_5310MHz_RU_Full_Chain 1



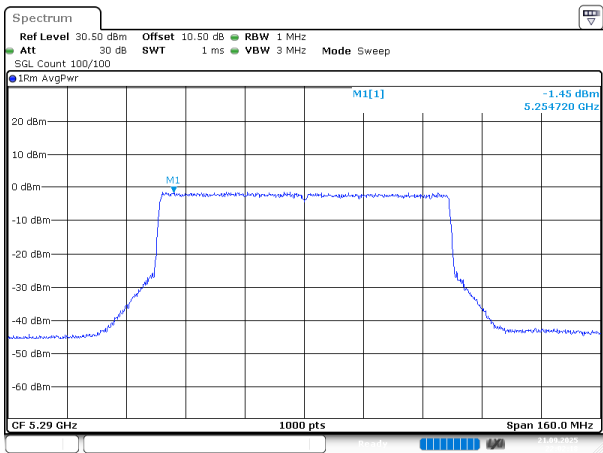
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Date: 21.SEP.2025 21:50:48

802.11be eht80_5290MHz_RU_Full_Chain 0



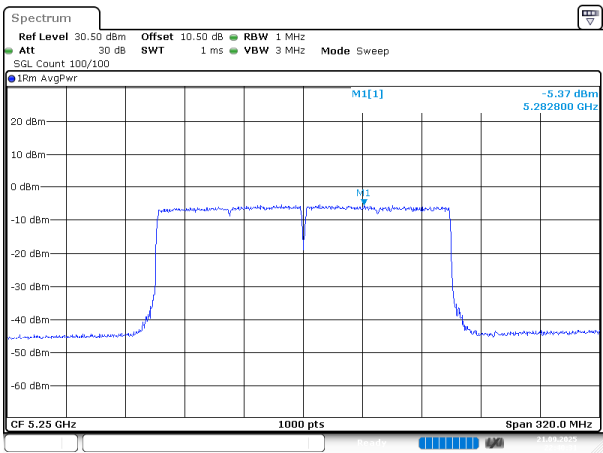
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Date: 21.SEP.2025 22:55:48

802.11be eht80_5290MHz_RU_Full_Chain 1



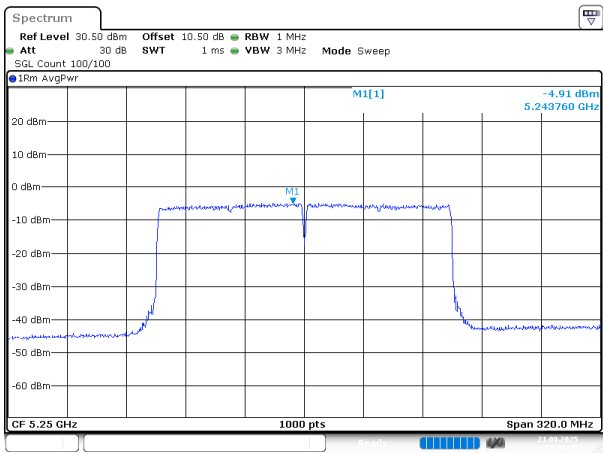
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Date: 21.SEP.2025 22:02:19

802.11be eht160_5250MHz_RU_Full_Chain 0



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 22:40:31

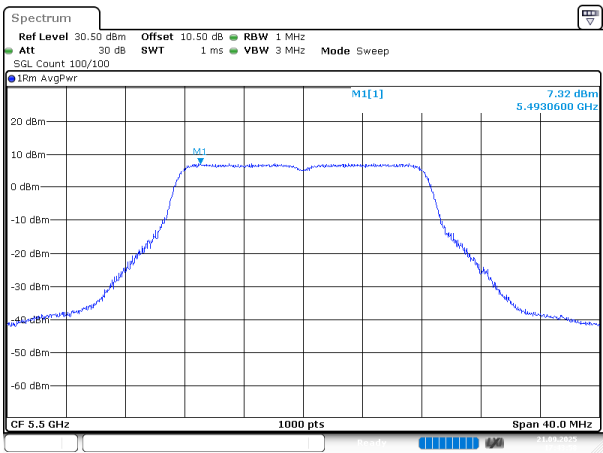
802.11be eht160_5250MHz_RU_Full_Chain 1



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 22:08:43

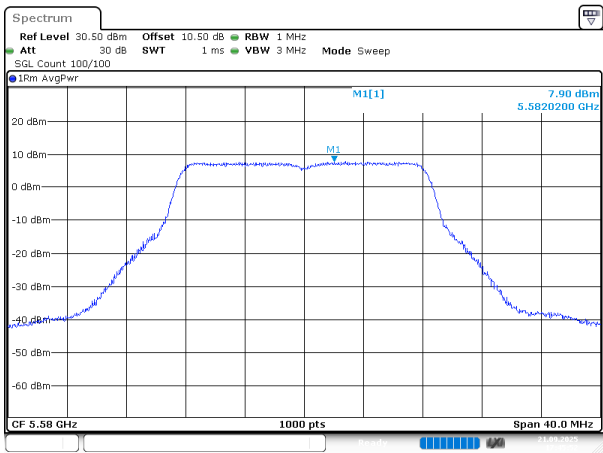
5470-5725MHz

802.11a_5500MHz_Chain 0



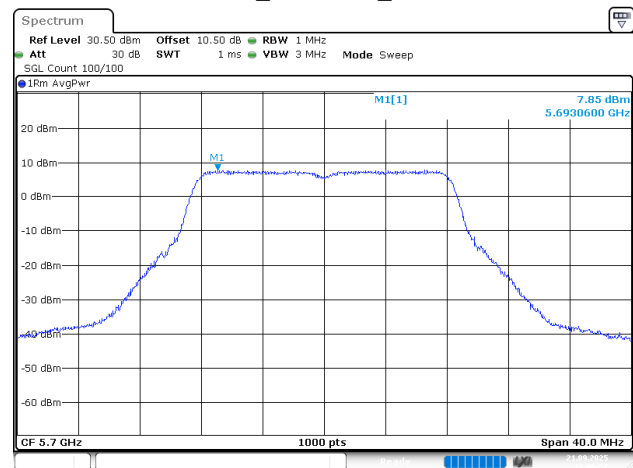
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802.11a_5580MHz_Chain 0



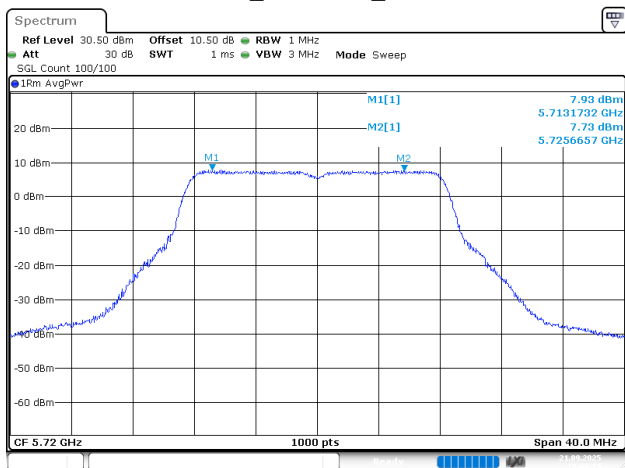
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802.11a_5700MHz_Chain 0



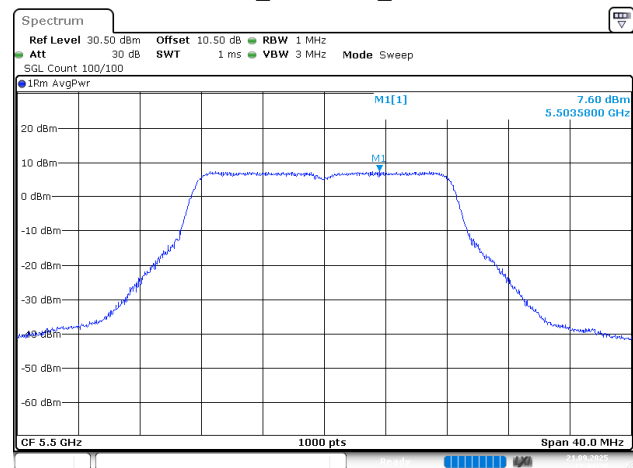
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802.11a_5720MHz_Chain 0



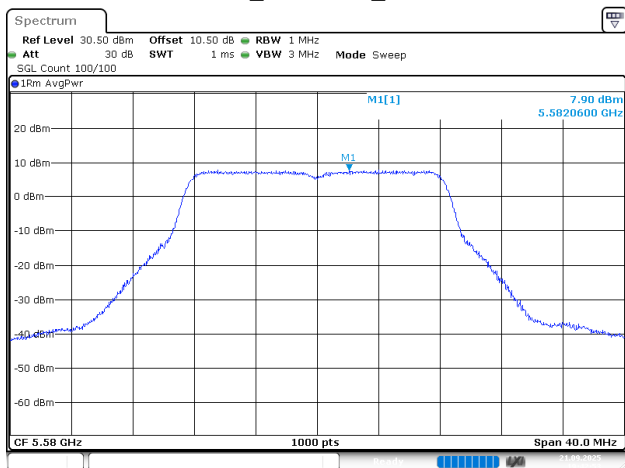
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802.11a_5500MHz_Chain 1



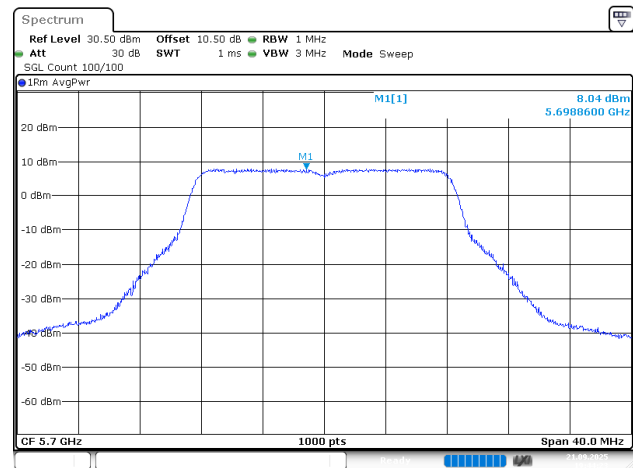
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Date: 21.SEP.2025 19:41:30

802.11a_5580MHz_Chain 1



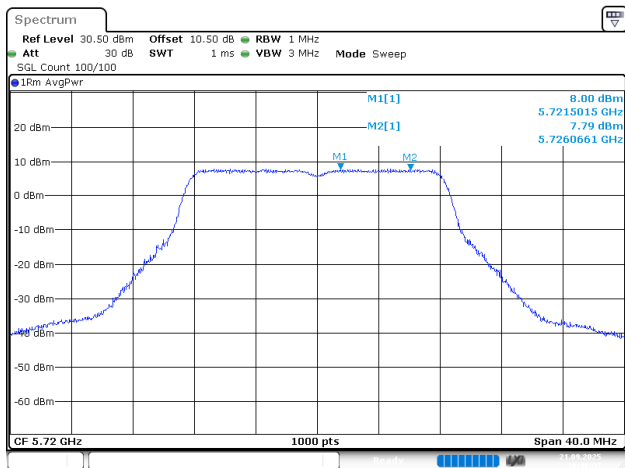
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Date: 21.SEP.2025 19:42:53

802.11a_5700MHz_Chain 1



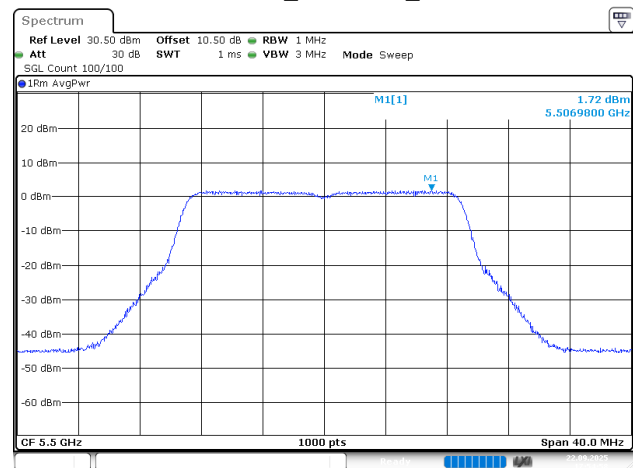
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802.11a_5720MHz_Chain 1



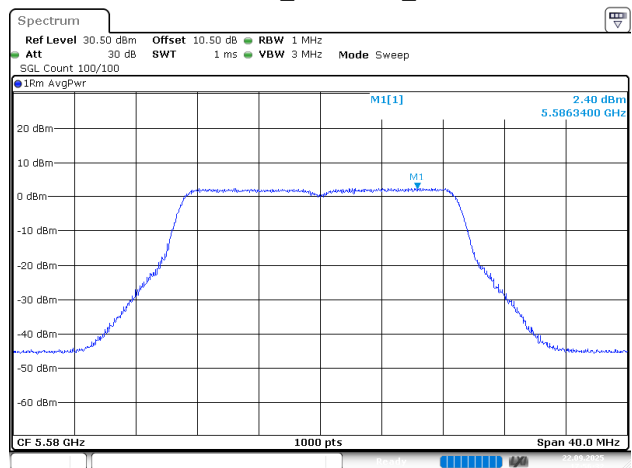
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802.11n ht20_5500MHz_Chain 0



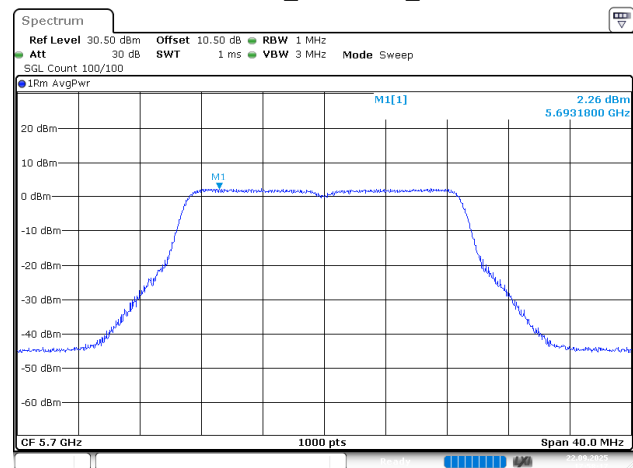
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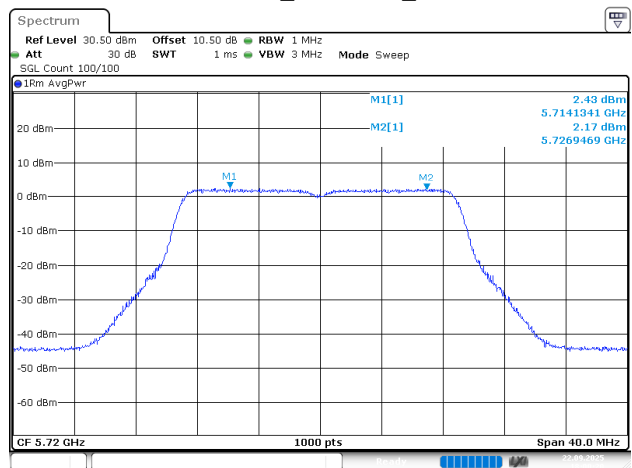
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Date: 22.SEP.2025 17:56:33

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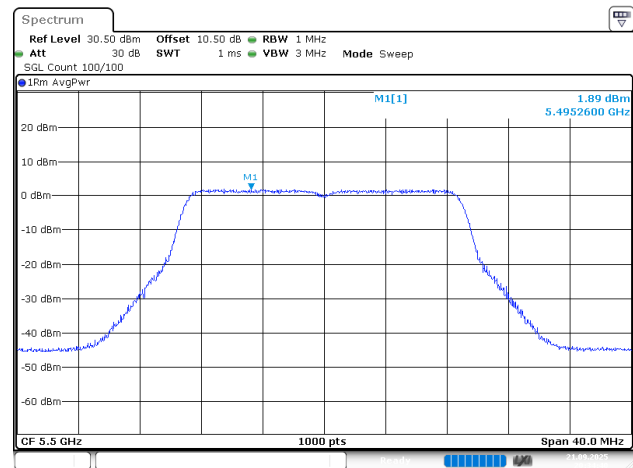
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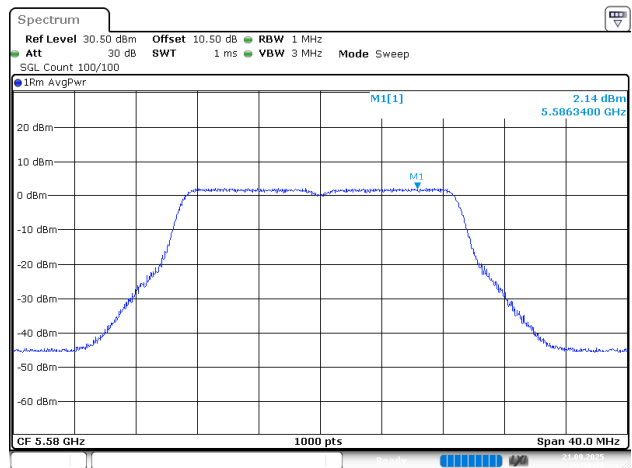
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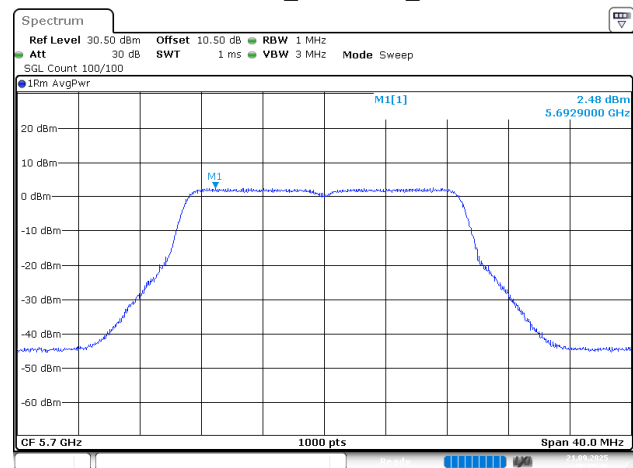
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Date: 21.SEP.2025 20:34:41

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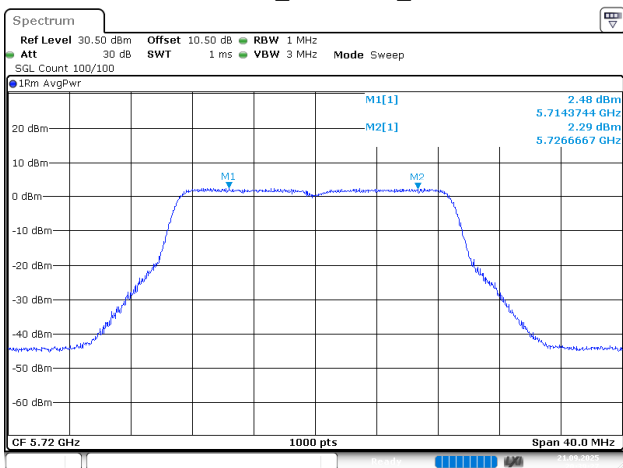
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Date: 21.SEP.2025 20:36:08

802.11n ht20_5700MHz_Chain 1



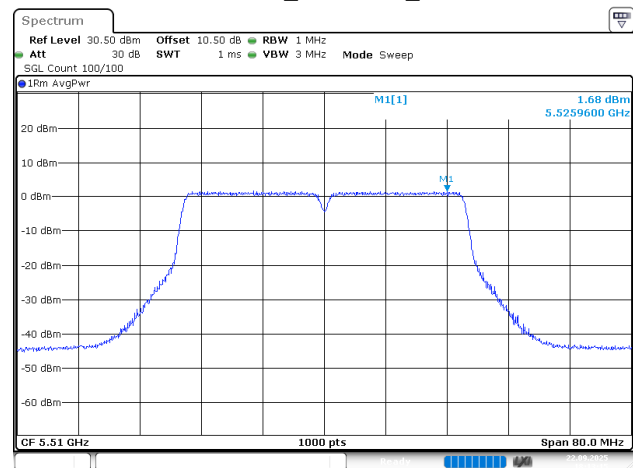
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802.11n ht20_5720MHz_Chain 1



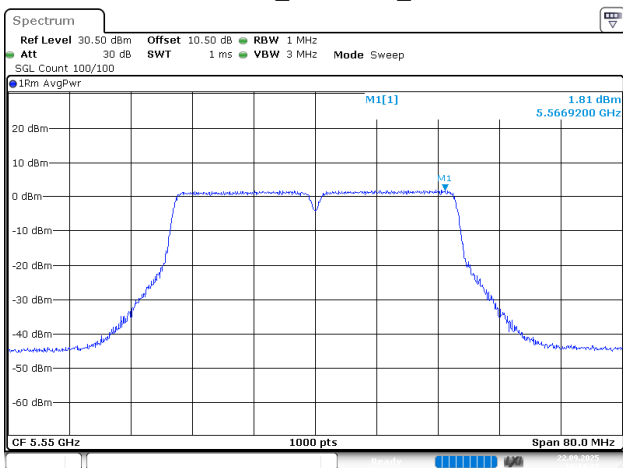
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Date: 21.SEP.2025 20:39:28

802.11n ht40_5510MHz_Chain 0



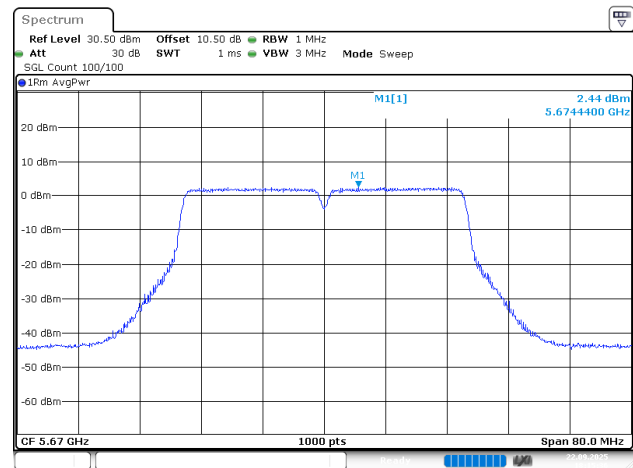
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Date: 22.SEP.2025 18:13:16

802.11n ht40_5550MHz_Chain 0



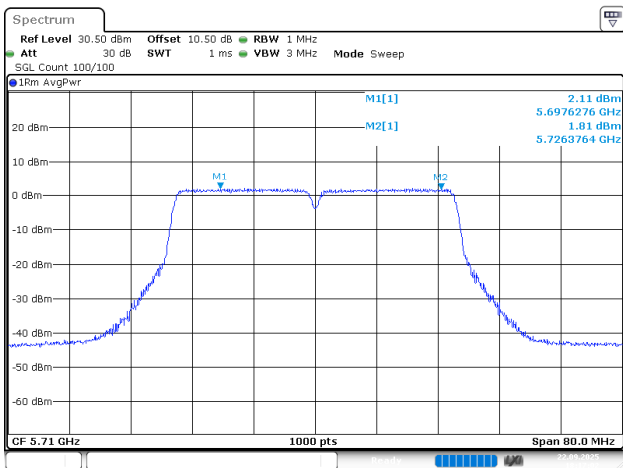
ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 22.SEP.2025 18:14:31

802.11n ht40_5670MHz_Chain 0



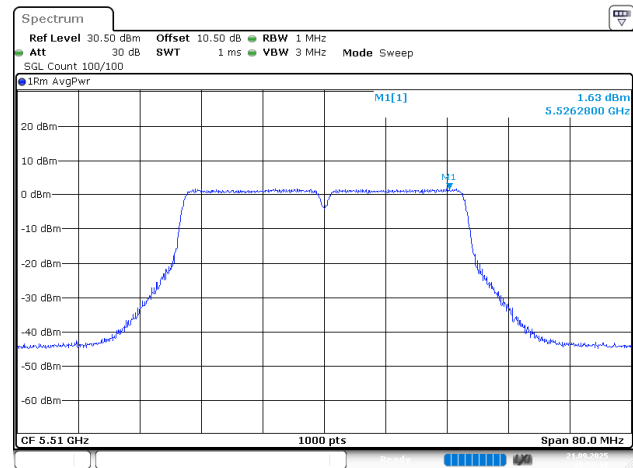
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802.11n ht40_5710MHz_Chain 0



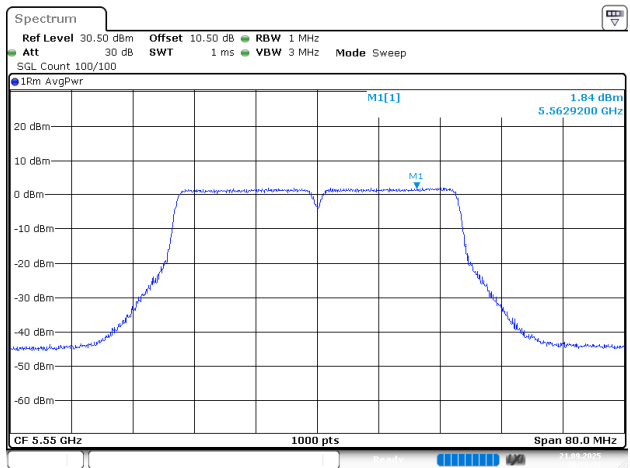
ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 22.SEP.2025 18:17:03

802.11n ht40_5510MHz_Chain 1



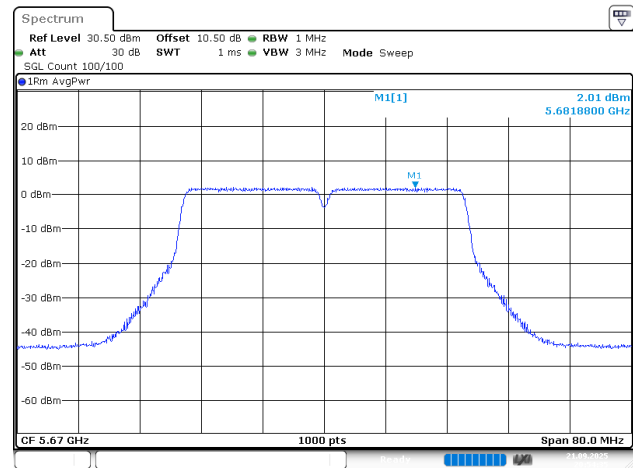
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Date: 21.SEP.2025 20:52:19

802.11n ht40_5550MHz_Chain 1



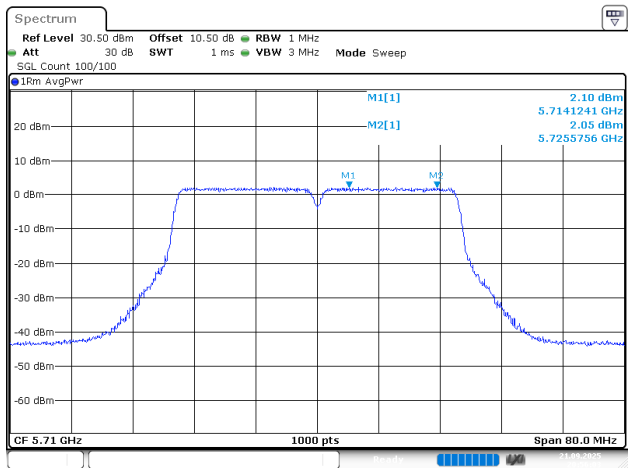
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Date: 21.SEP.2025 20:53:32

802.11n ht40_5670MHz_Chain 1



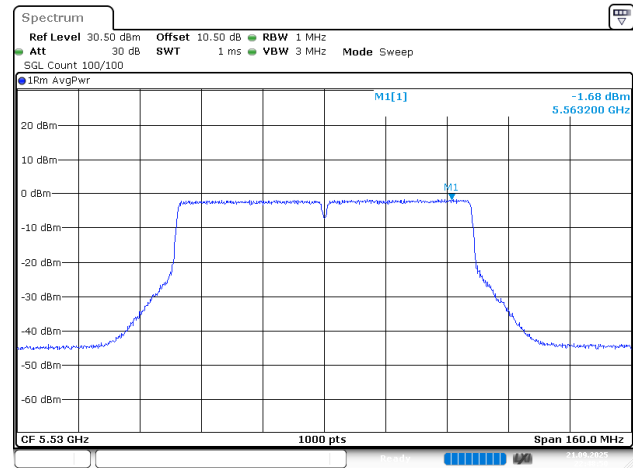
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802.11n ht40_5710MHz_Chain 1



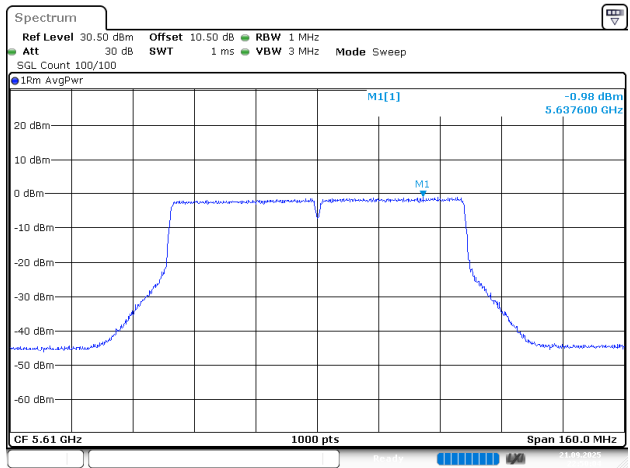
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802.11ac vht80_5530MHz_Chain 0



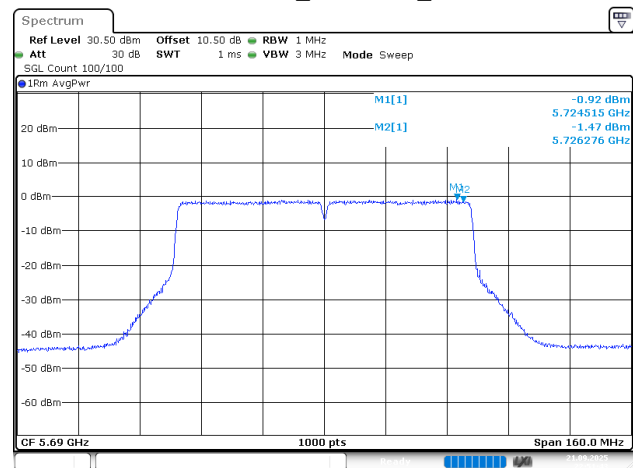
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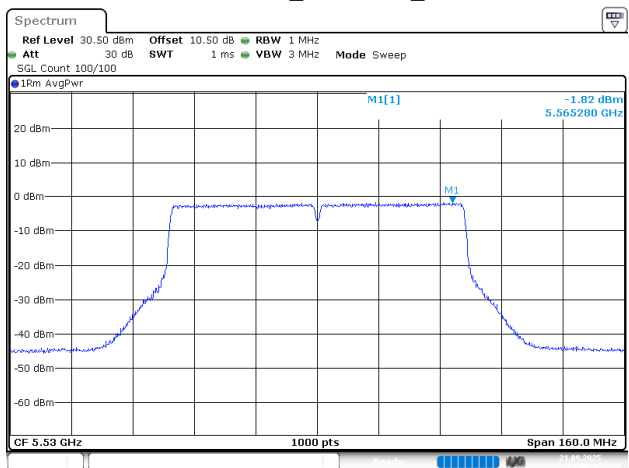
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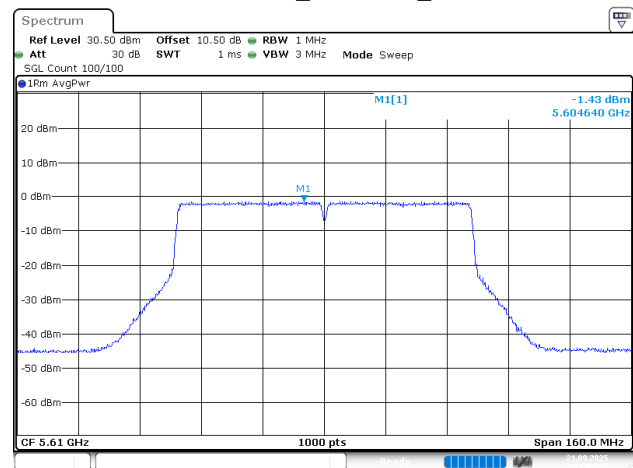
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Date: 21.SEP.2025 22:51:44

802.11ac vht80_5530MHz_Chain 1



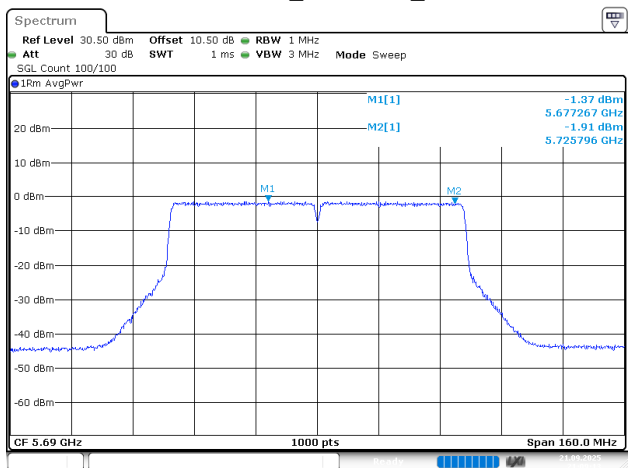
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Date: 21.SEP.2025 21:06:43

802.11ac vht80_5610MHz_Chain 1



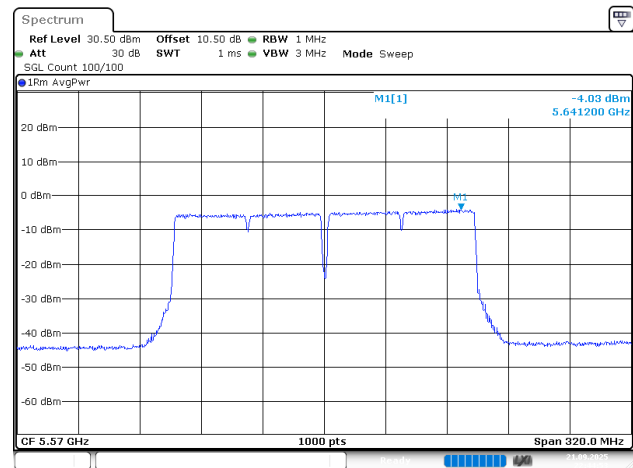
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802.11ac vht80_5690MHz_Chain 1



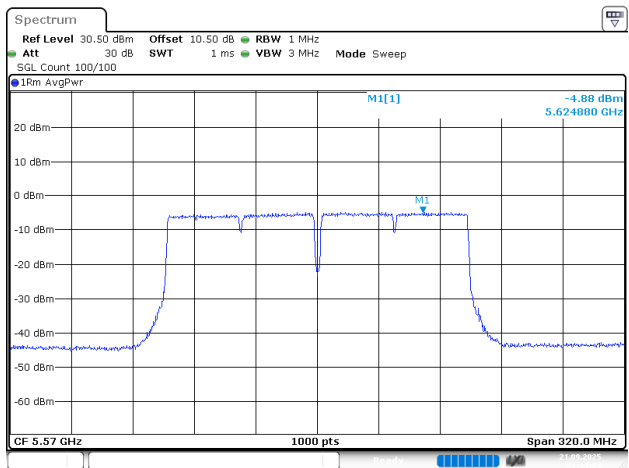
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Date: 21.SEP.2025 21:09:13

802.11ac vht160_5570MHz_Chain 0



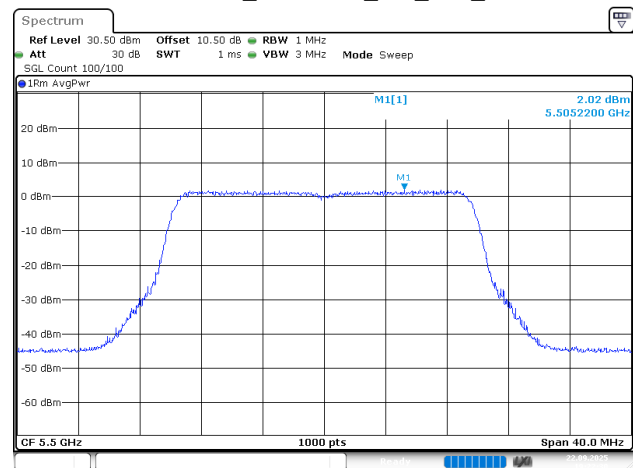
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Date: 21.SEP.2025 22:44:53

802.11ac vht160_5570MHz_Chain 1



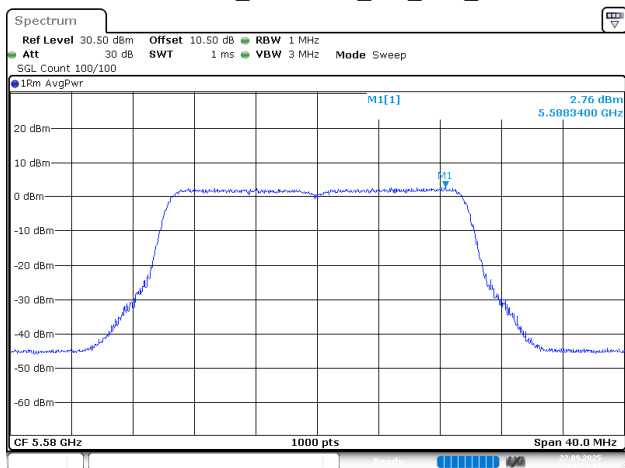
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Date: 21.SEP.2025 21:14:24

802.11be eht20_5500MHz_RU_Full_Chain 0



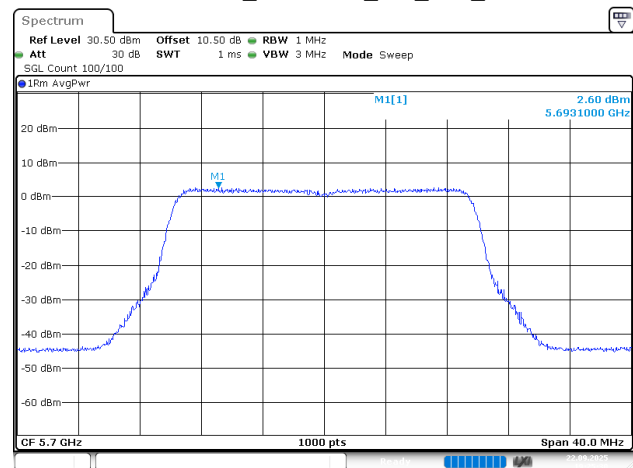
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Date: 22.SEP.2025 19:22:30

802.11be eht20_5580MHz_RU_Full_Chain 0



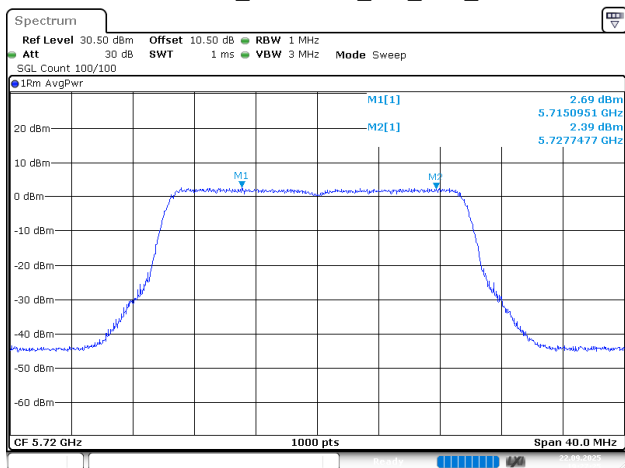
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Date: 22.SEP.2025 19:23:53

802.11be eht20_5700MHz_RU_Full_Chain 0



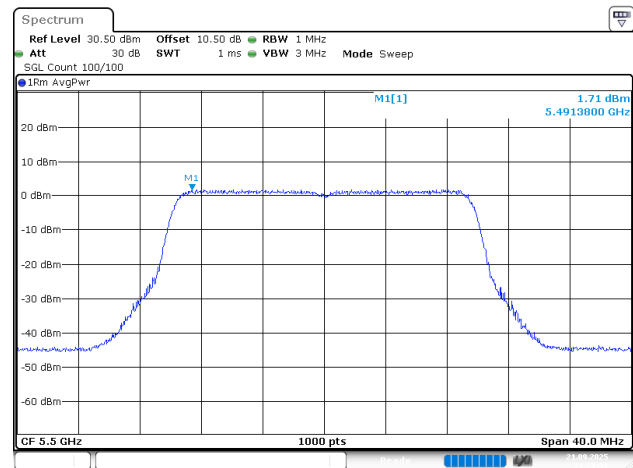
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802.11be eht20_5720MHz_RU_Full_Chain 0



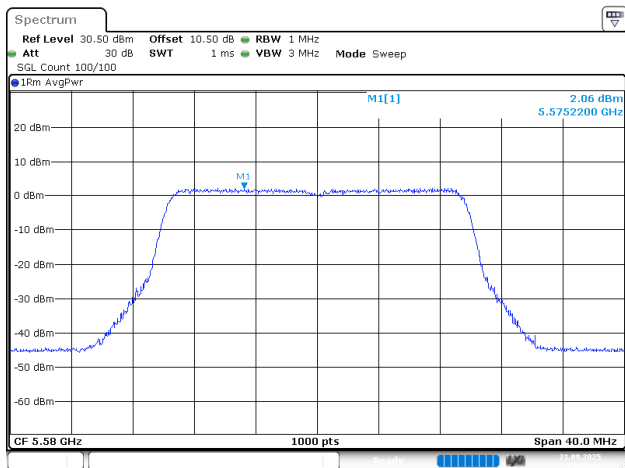
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802.11be eht20_5500MHz_RU_Full_Chain 1



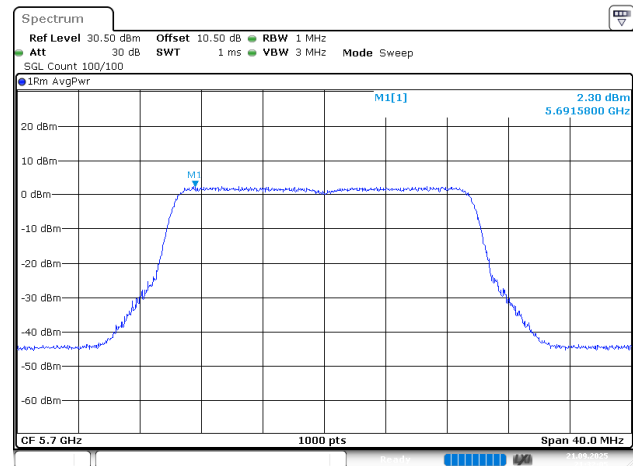
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802.11be eht20_5580MHz_RU_Full_Chain 1



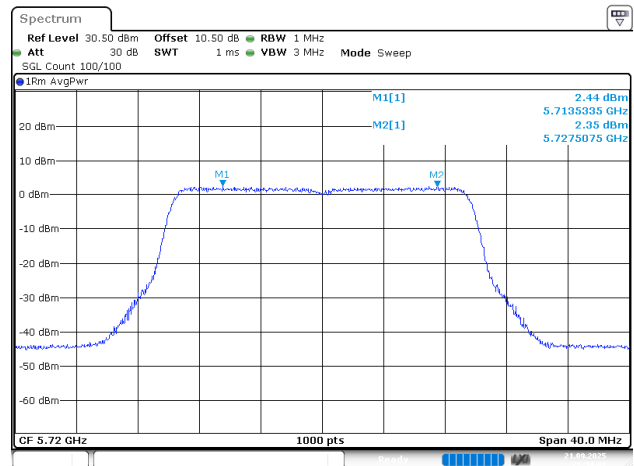
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802.11be eht20_5700MHz_RU_Full_Chain 1



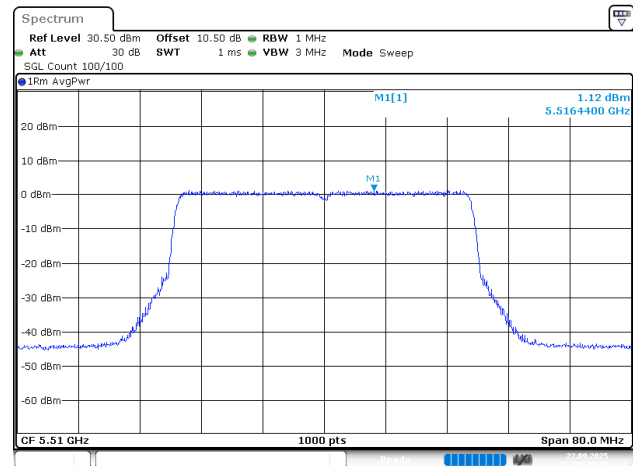
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802.11be eht20_5720MHz_RU_Full_Chain 1



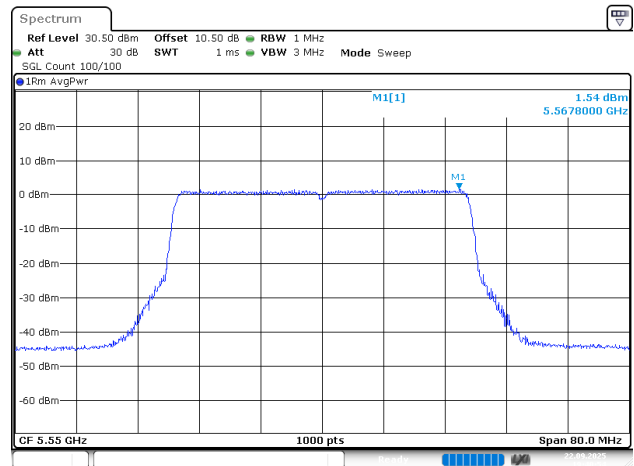
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802.11be eht40_5510MHz_RU_Full_Chain 0



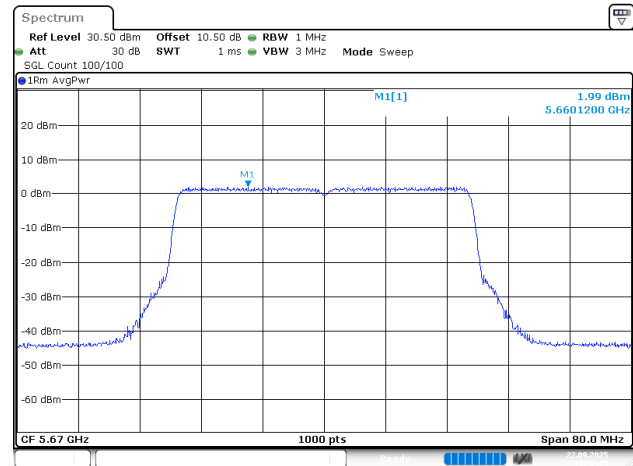
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802.11be eht40_5550MHz_RU_Full_Chain 0



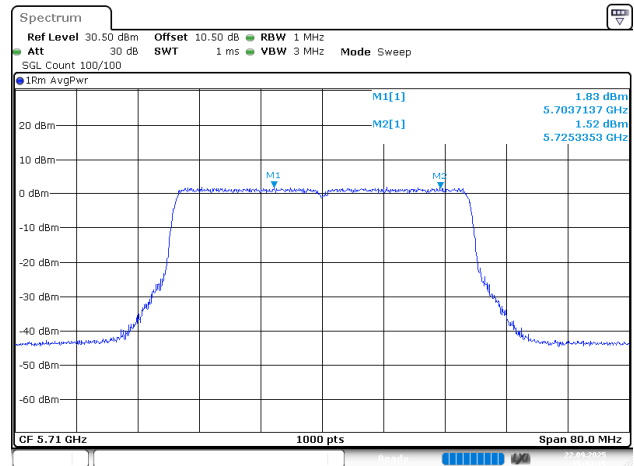
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802.11be eht40_5670MHz_RU_Full_Chain 0



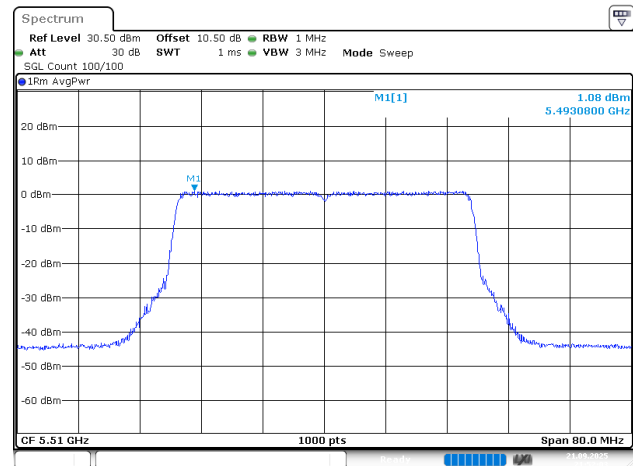
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802.11be eht40_5710MHz_RU_Full_Chain 0



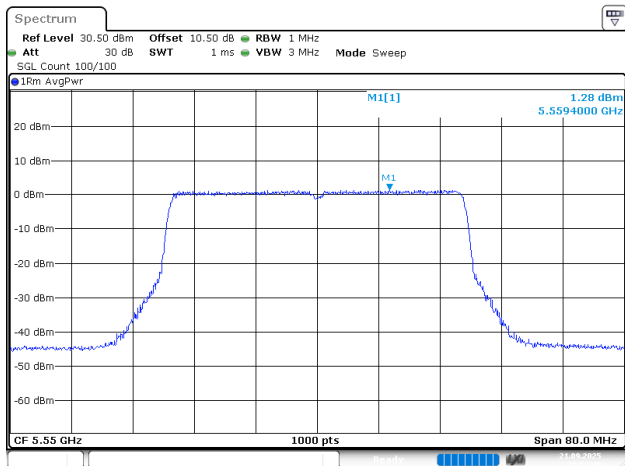
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Date: 22.SEP.2025 19:44:19

802.11be eht40_5510MHz_RU_Full_Chain 1



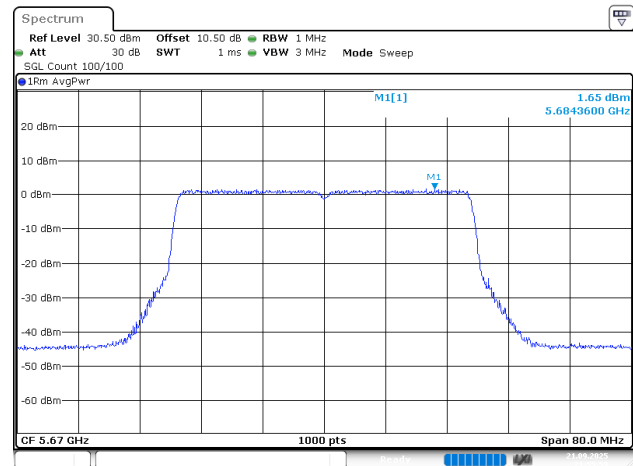
ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 21:52:03

802.11be eht40_5550MHz_RU_Full_Chain 1



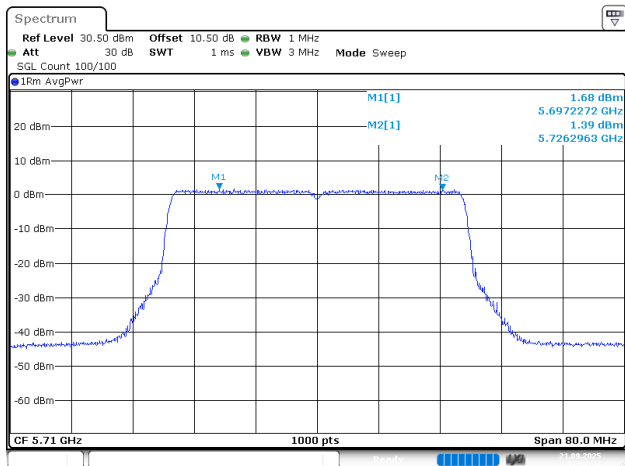
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Date: 21.SEP.2025 21:54:50

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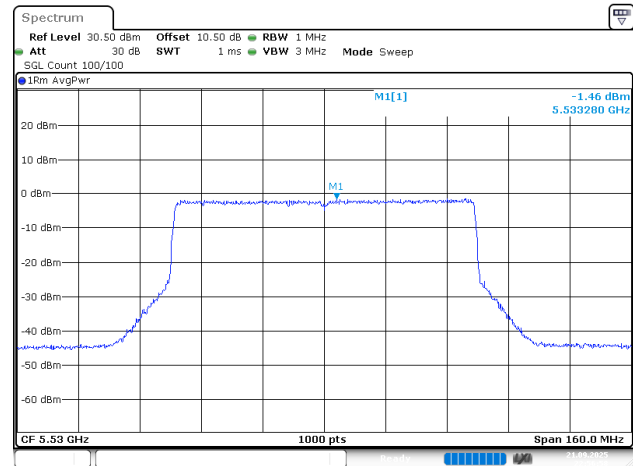
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802.11be eht40_5710MHz_RU_Full_Chain 1



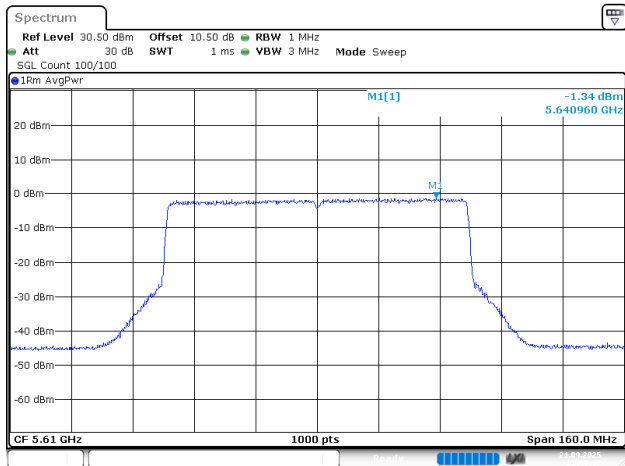
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802.11be eht80_5530MHz_RU_Full_Chain 0



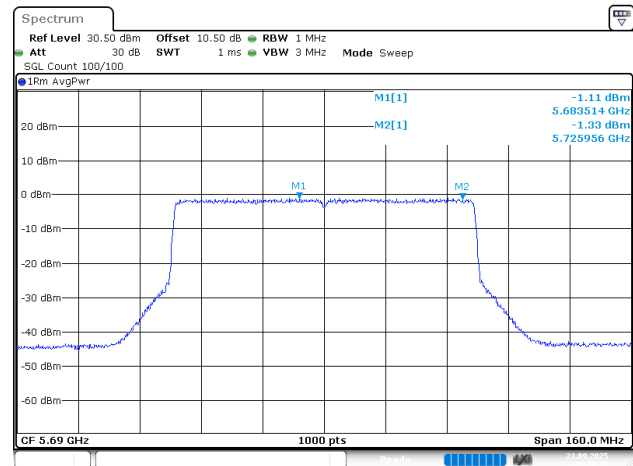
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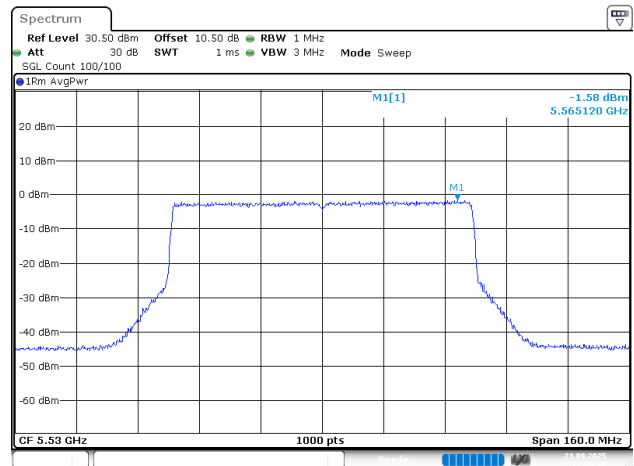
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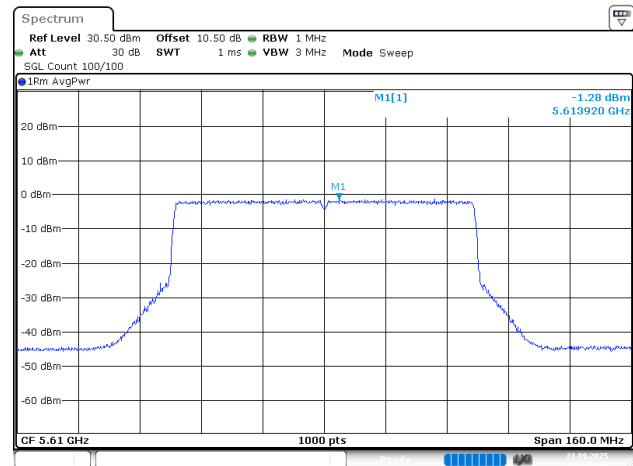
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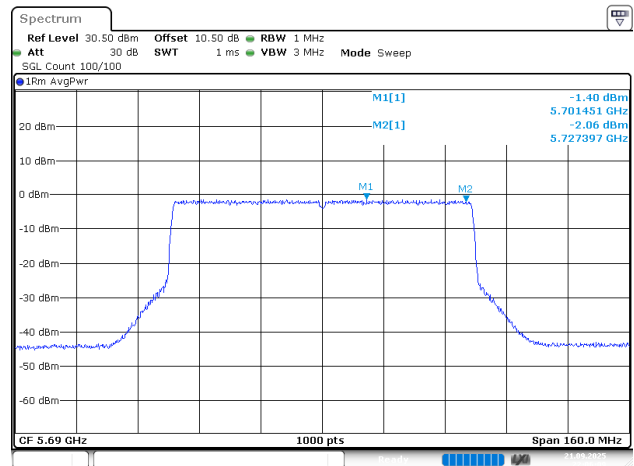
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Date: 21.SEP.2025 22:03:31

802.11be eht80_5610MHz_RU_Full_Chain 1



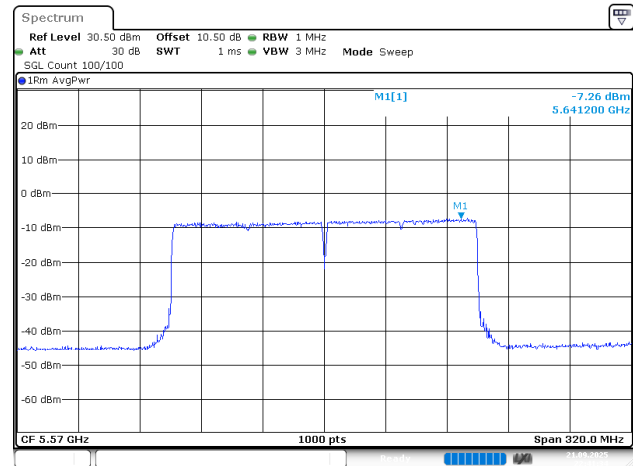
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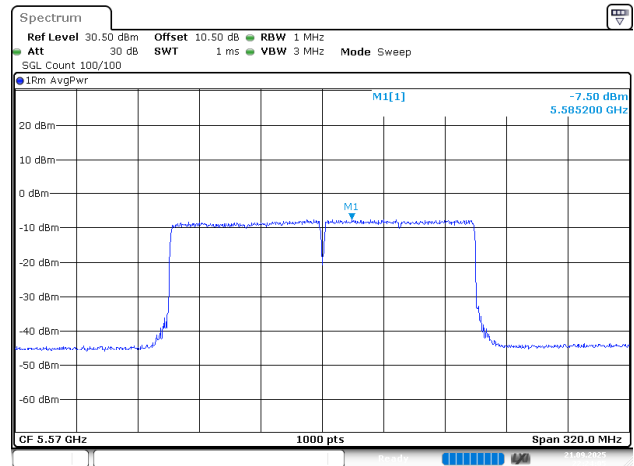
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Date: 21.SEP.2025 22:06:09

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ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 22:41:35

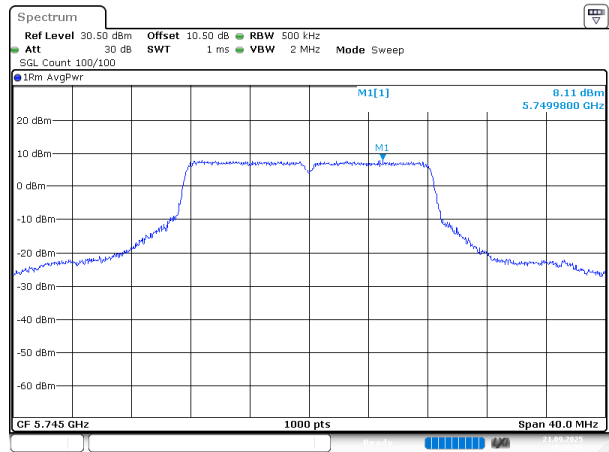
802.11be eht160_5570MHz_RU_Full_Chain 1



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 22:24:05

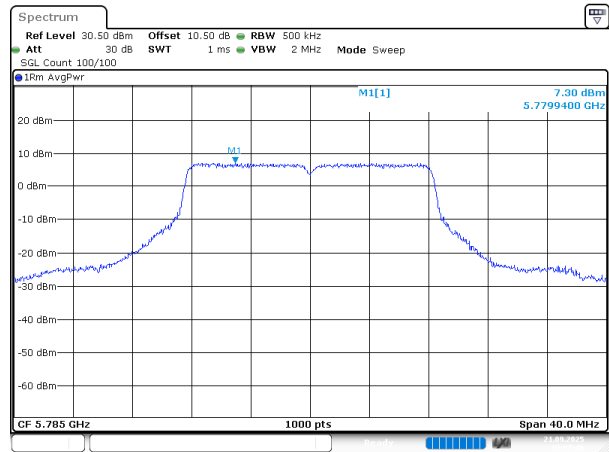
5725-5850MHz

802.11a_5745MHz_Chain 0



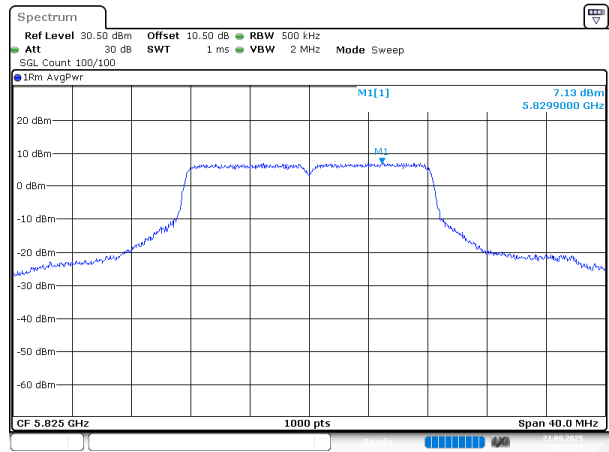
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Date: 21.SEP.2025 18:29:57

802.11a_5785MHz_Chain 0



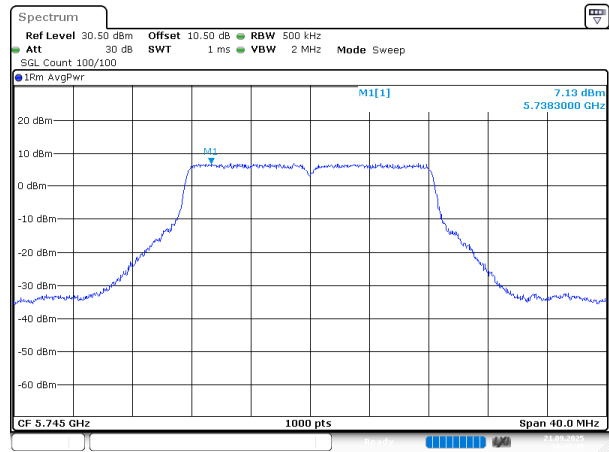
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Date: 21.SEP.2025 19:07:46

802.11a_5825MHz_Chain 0



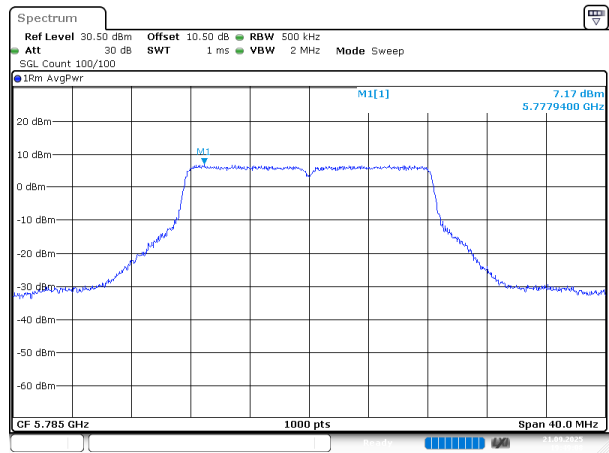
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802.11a_5745MHz_Chain 1



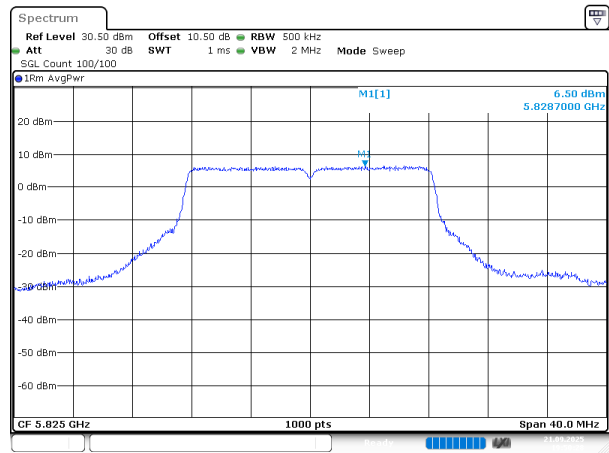
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802.11a_5785MHz_Chain 1



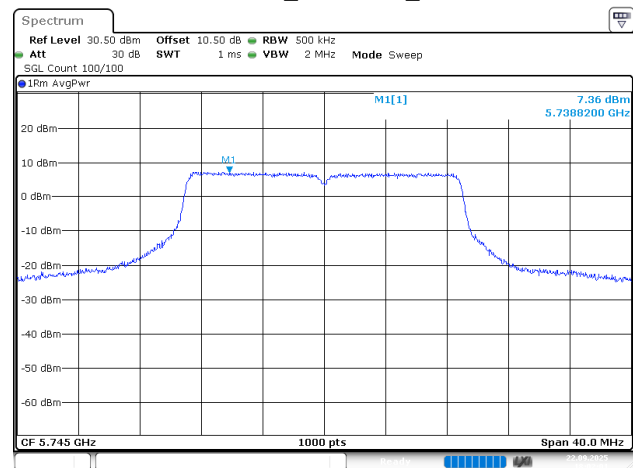
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802.11a_5825MHz_Chain 1



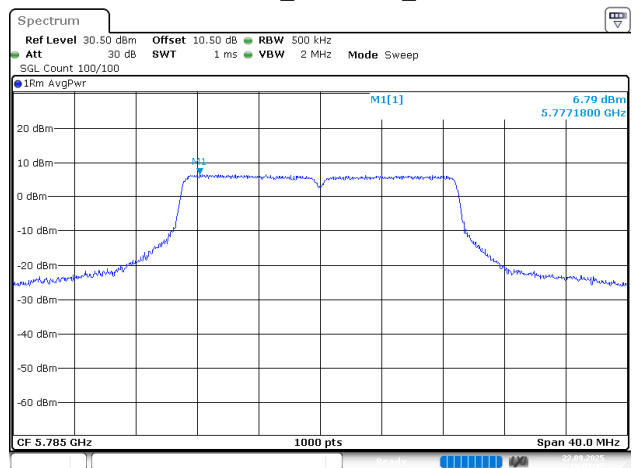
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802.11n ht20_5745MHz_Chain 0



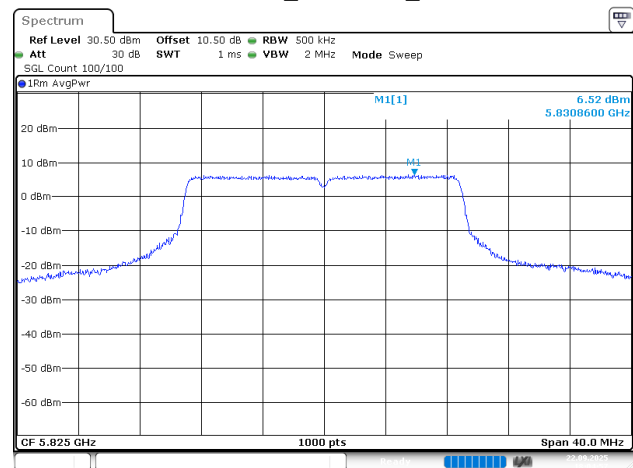
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802.11n ht20_5785MHz_Chain 0



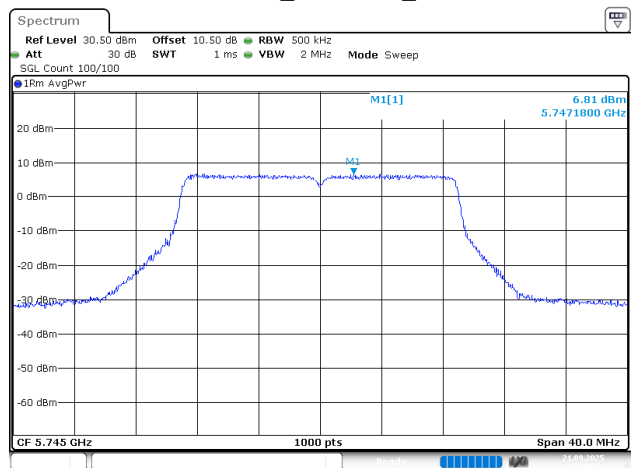
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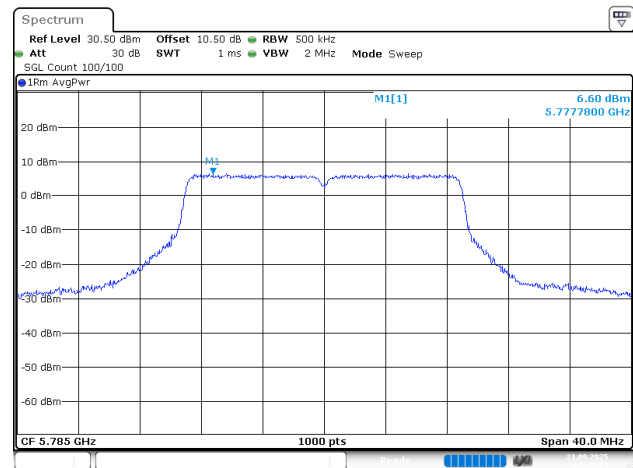
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Date: 22.SEP.2025 18:04:57

802.11n ht20_5745MHz_Chain 1



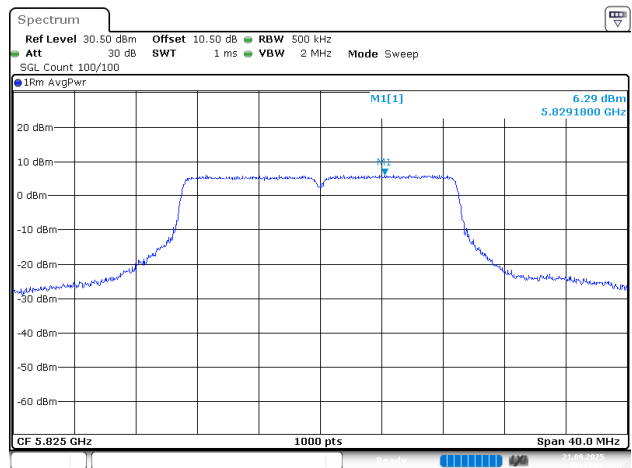
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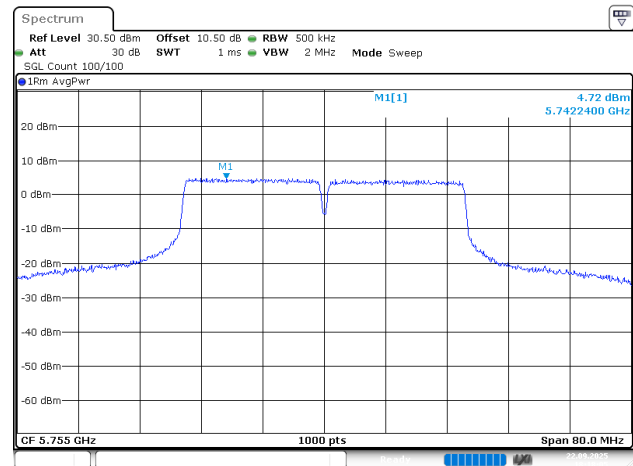
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Date: 21.SEP.2025 20:42:34

802.11n ht20_5825MHz_Chain 1



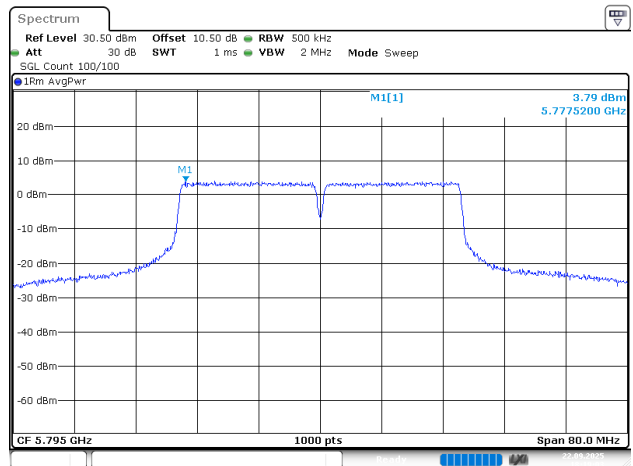
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Date: 21.SEP.2025 20:44:02

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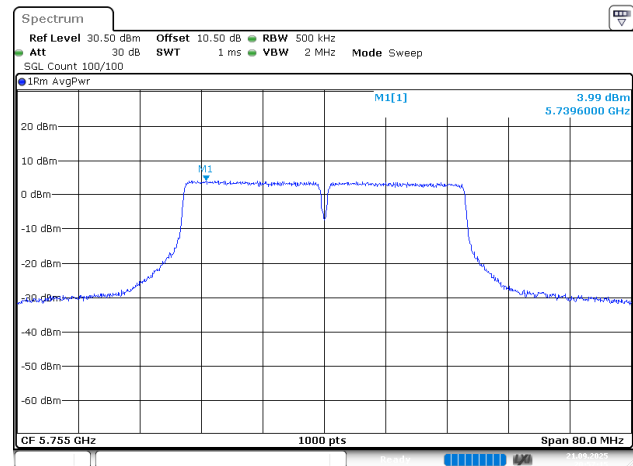
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Date: 22.SEP.2025 18:18:05

802.11n ht40_5795MHz_Chain 0



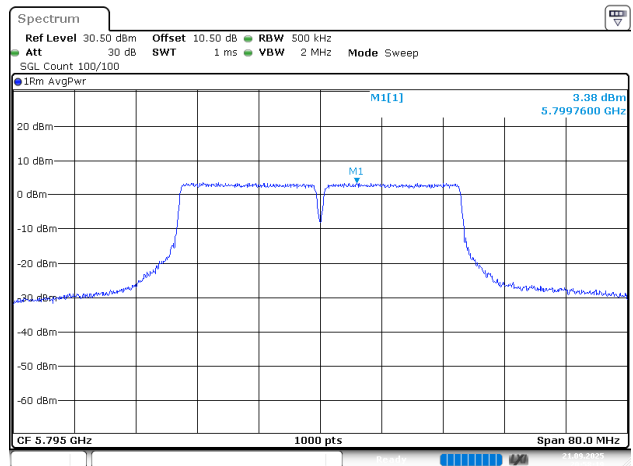
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Date: 22.SEP.2025 18:19:03

802.11n ht40_5755MHz_Chain 1



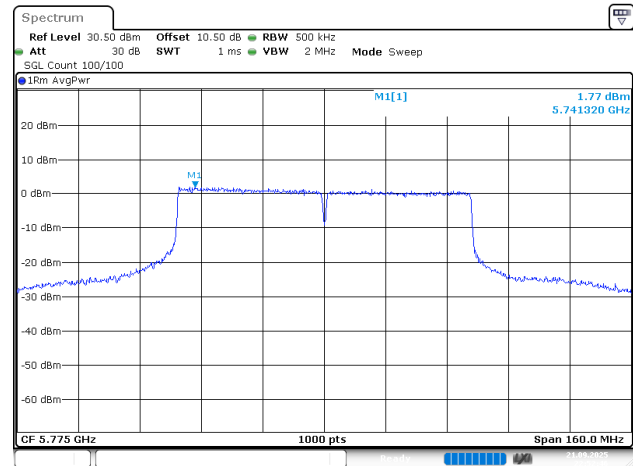
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Date: 21.SEP.2025 20:57:16

802.11n ht40_5795MHz_Chain 1



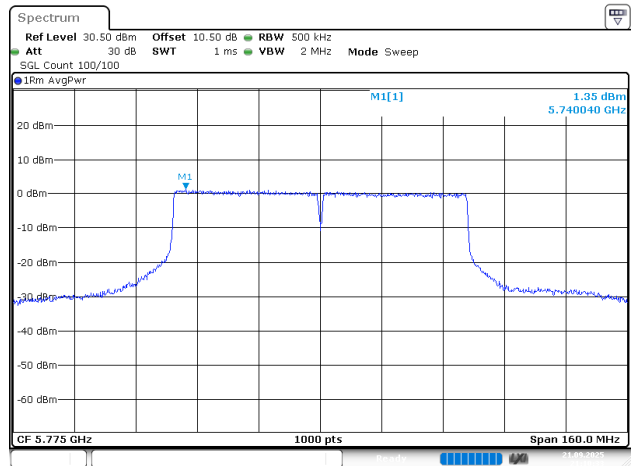
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Date: 21.SEP.2025 20:58:19

802.11ac vht80_5775MHz_Chain 0



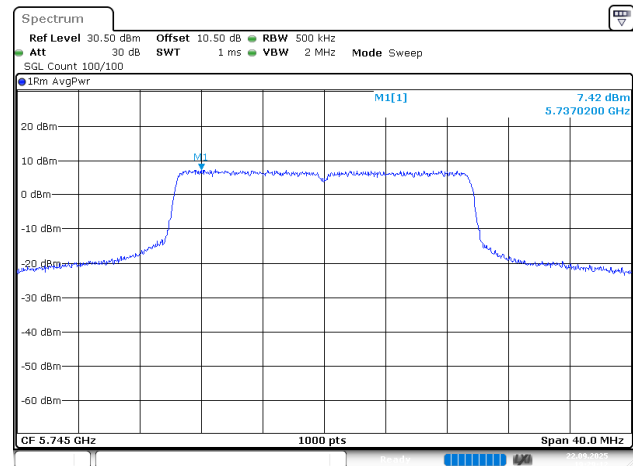
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802.11ac vht80_5775MHz_Chain 1



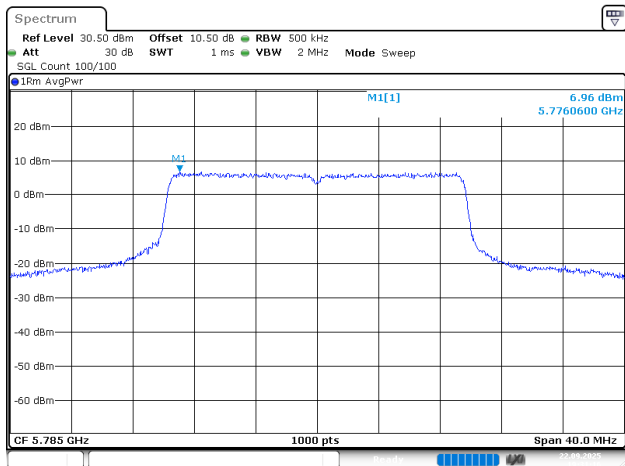
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802.11be eht20_5745MHz_RU_Full_Chain 0



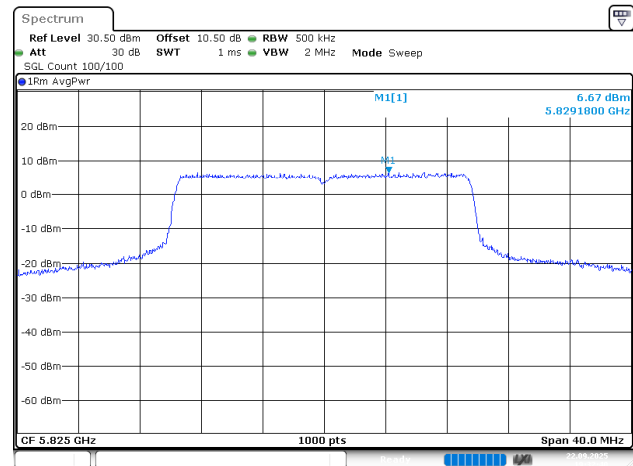
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802.11be eht20_5785MHz_RU_Full_Chain 0



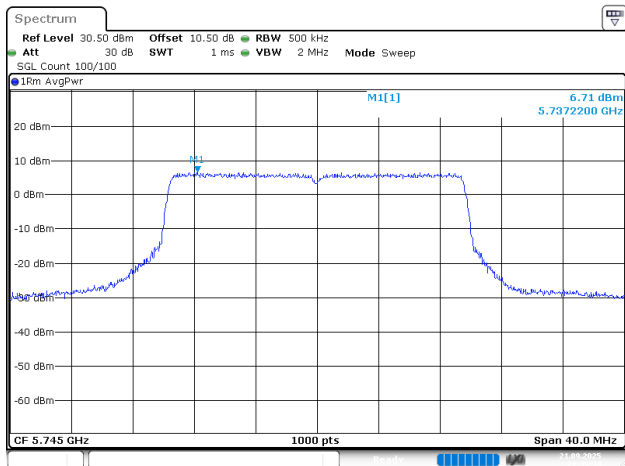
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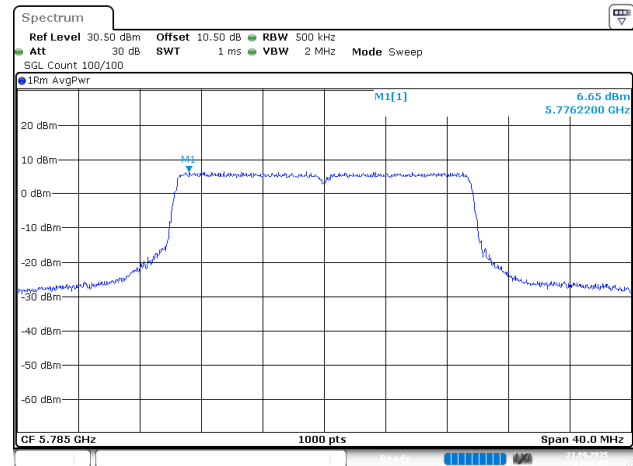
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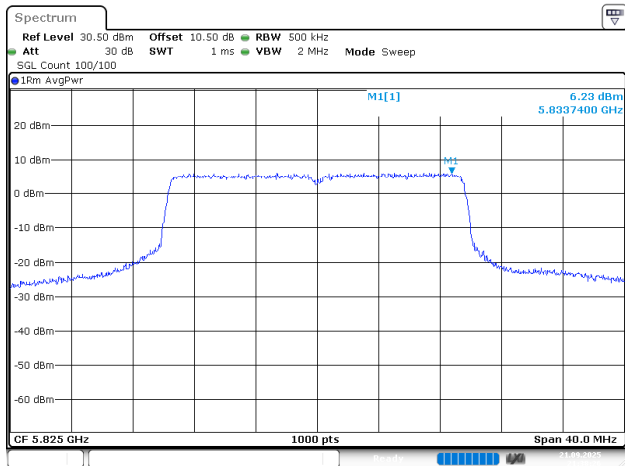
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802.11be eht20_5785MHz_RU_Full_Chain 1



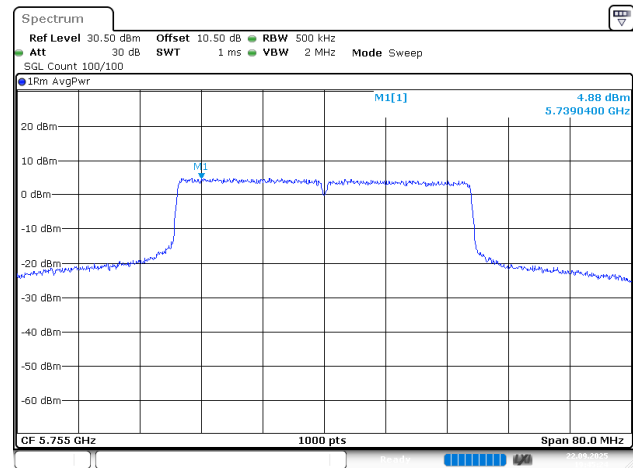
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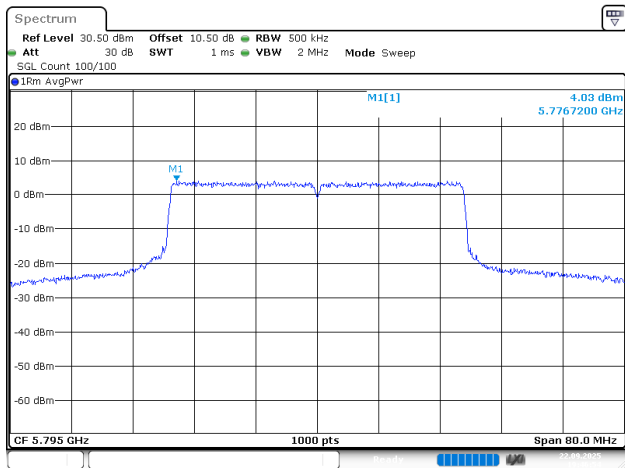
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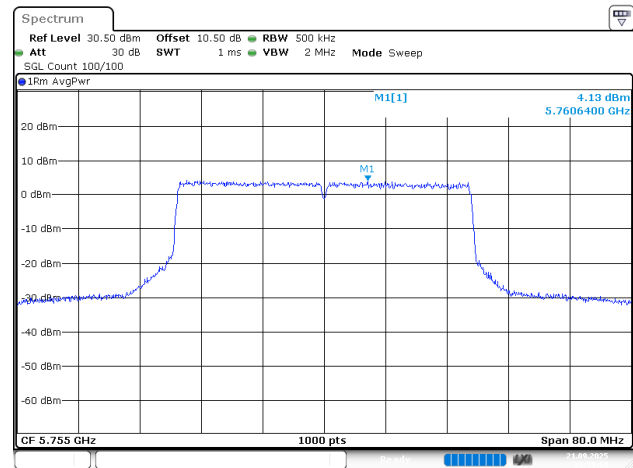
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802.11be eht40_5795MHz_RU_Full_Chain 0



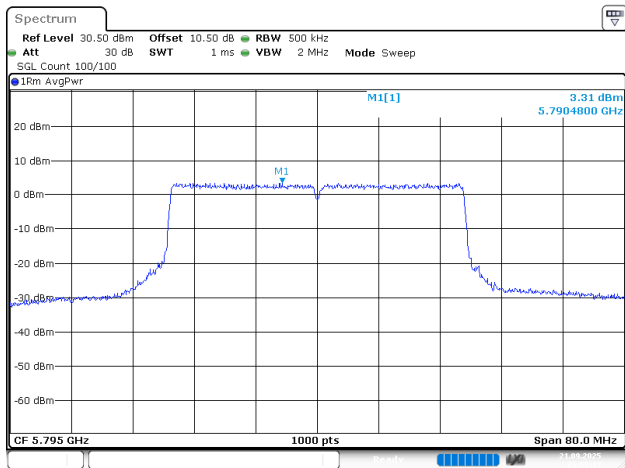
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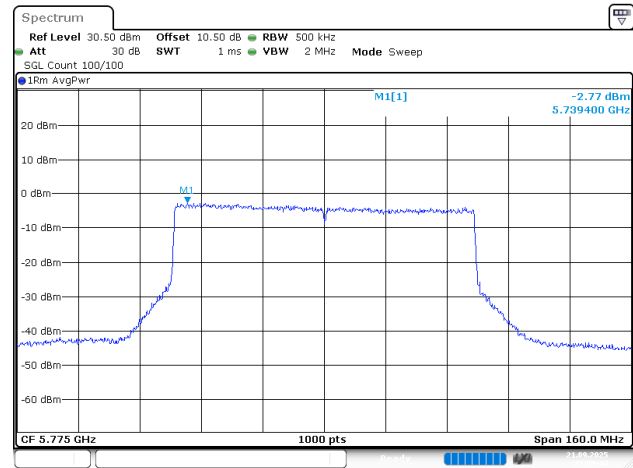
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802.11be eht40_5795MHz_RU_Full_Chain 1



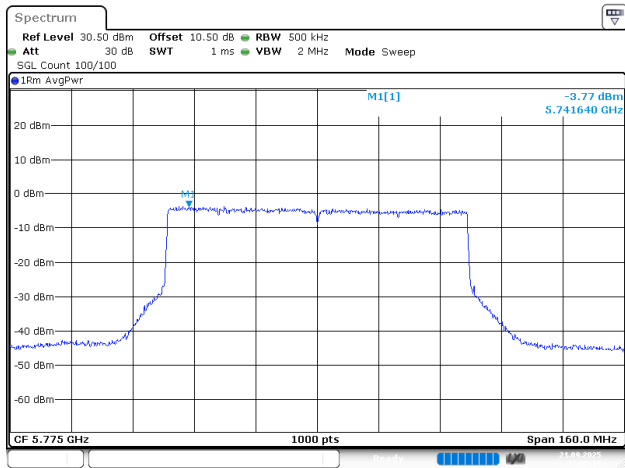
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Date: 21.SEP.2025 21:59:18

802.11be eht80_5775MHz_RU_Full_Chain 0



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 23:00:44

802.11be eht80_5775MHz_RU_Full_Chain 1



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 22:07:15

5.7 Duty Cycle

Test Information:

Serial No.:	389D-1	Test Date:	2025/09/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	24.7	Relative Humidity: (%)	52	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	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02

* 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).

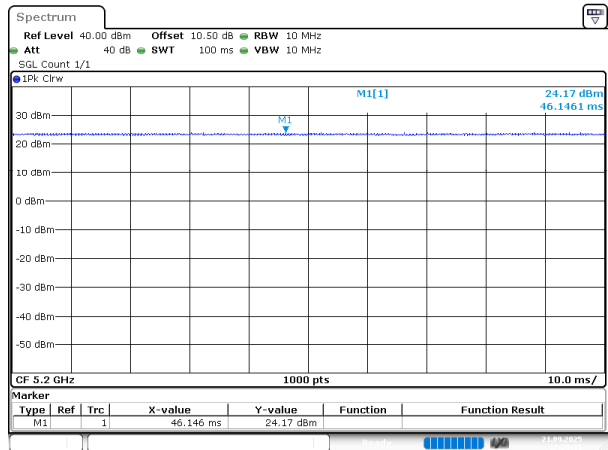
Test Data:

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
802.11n ht20	5200	100	100	100	0	NA	0.010
802.11n ht40	5190	100	100	100	0	NA	0.010
802.11ac vht80	5210	100	100	100	0	NA	0.010
802.11be eht20_RU_Full	5200	100	100	100	0	NA	0.010
802.11be eht40_RU_Full	5190	100	100	100	0	NA	0.010
802.11be eht80_RU_Full	5210	100	100	100	0	NA	0.010
802.11ac vht160	5250	100	100	100	0	NA	0.010
802.11be eht160_RU_Full	5250	100	100	100	0	NA	0.010

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

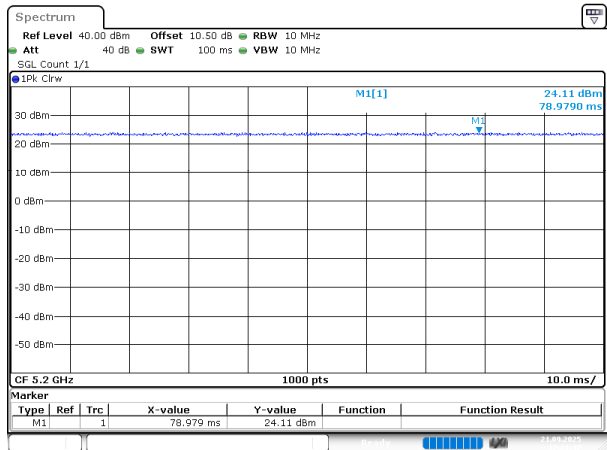
5150-5250MHz

802.11a_5200MHz



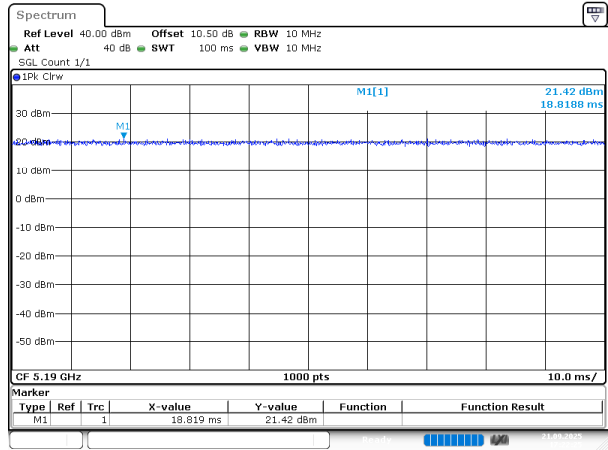
ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 17:21:12

802.11n ht20_5200MHz



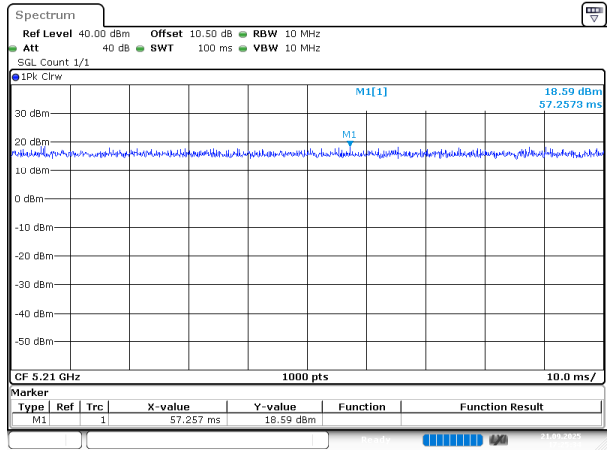
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Date: 21.SEP.2025 17:21:47

802.11n ht40_5190MHz



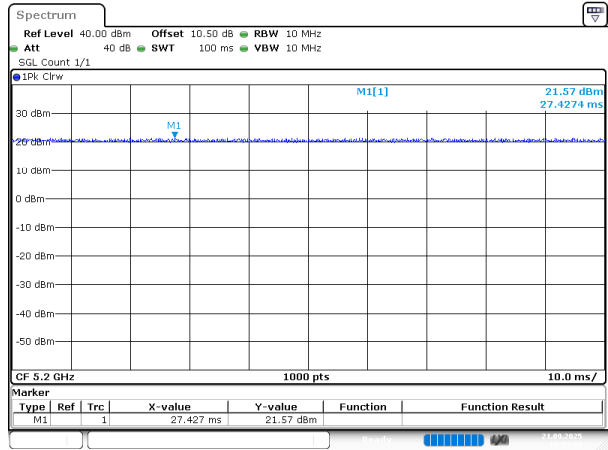
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Date: 21.SEP.2025 17:22:25

802.11ac vht80_5210MHz



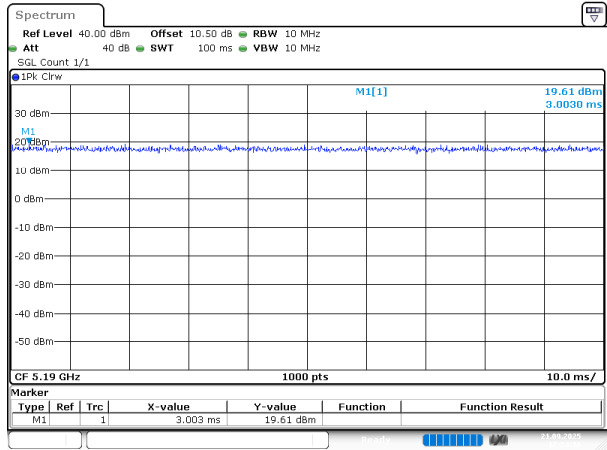
ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 17:25:34

802.11be eht20_5200MHz_RU_Full



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21.SEP.2025 17:23:34

802.11be eht40_5190MHz_RU_Full

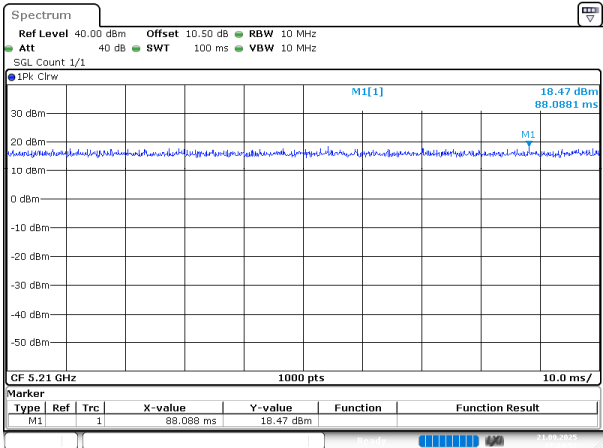


ProjectNo.:2502W36785E-RF Tester:Jeff Wei
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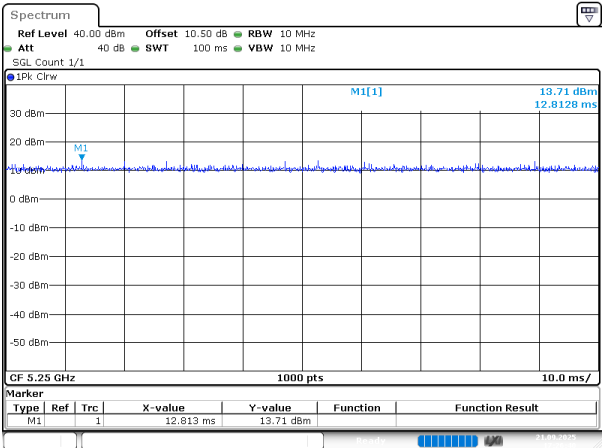
5250-5350MHz

802.11be eht80_5210MHz_RU_Full

802.11ac vht160_5250MHz

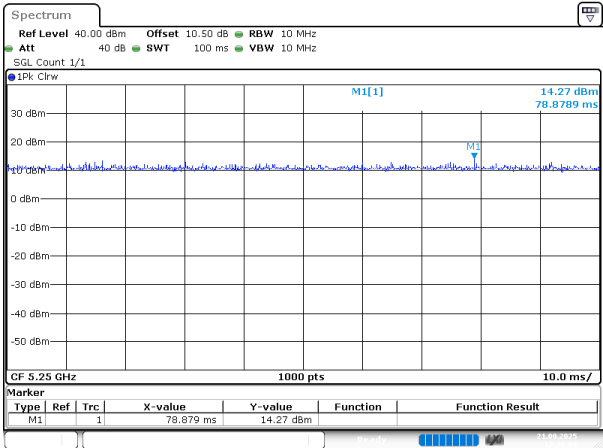


ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21,SEP,2025 17:24:52



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21,SEP,2025 17:26:40

802.11be eht160_5250MHz_RU_Full



ProjectNo.:2502W36785E-RF Tester:Jeff Wei
Date: 21,SEP,2025 17:26:10

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502W36785E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502W36785E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502W36785E-RF-00B-TSP TEST SETUP PHOTOGRAPHS.

EXHIBIT C - RF EXPOSURE EVALUATION

Maximum Permissible Exposure (MPE)

Applicable Standard

According to subpart §1.1310, 15.247(i) and 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);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Calculated Data:

Mode	Frequency Range (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)			
2.4GHz WIFI	2412-2462	7.33	5.408	26.0	398.11	20	0.428	1.00
5GHz WIFI	5150-5250	7.54	5.675	23	199.53	20	0.225	1.00
	5250-5350	7.46	5.572	19.5	89.13	20	0.099	1.00
	5470-5725	7.69	5.875	19.3	85.11	20	0.100	1.00
	5725-5850	7.29	5.358	25	316.23	20	0.337	1.00
6GHz WIFI	5925-6425	7.59	5.741	21	125.89	20	0.144	1.00
	6425-6525	7.31	5.383	21	125.89	20	0.135	1.00
	6525-6875	8.00	6.310	20	100.00	20	0.126	1.00
	6875-7125	8.29	6.745	19	79.43	20	0.107	1.00

Note: The Conducted Output Power including Tune-up Tolerance was provided by manufacturer.

For Simultaneous transmission:

2.4GHz WIFI, 5GHz WIFI and 6GHz WIFI can transmit simultaneously:

$$\text{Sum Power Density} = \text{Seq}_{2.4\text{GHz WIFI}} / \text{Seq}_{2.4\text{GHz WIFI Limit}} + \text{Seq}_{5\text{GHz WIFI}} / \text{Seq}_{5\text{GHz WIFI Limit}} + \text{Seq}_{6\text{GHz WIFI}} / \text{Seq}_{6\text{GHz WIFI Limit}} = 0.910 < 1$$

So $\text{Sum}_{\text{Seq}} < 1.0$

Result: The device meets FCC MPE at 20 cm distance

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