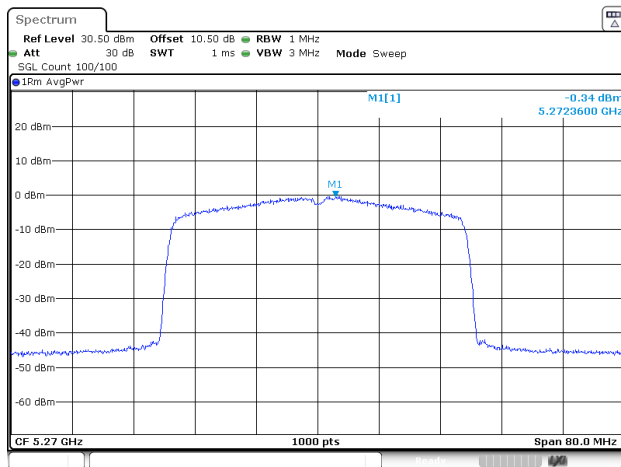
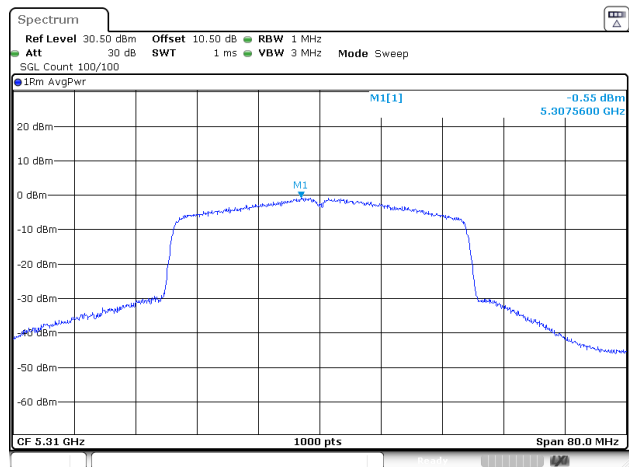


802.11ax40_5270MHz_RU_Full_Chain 0



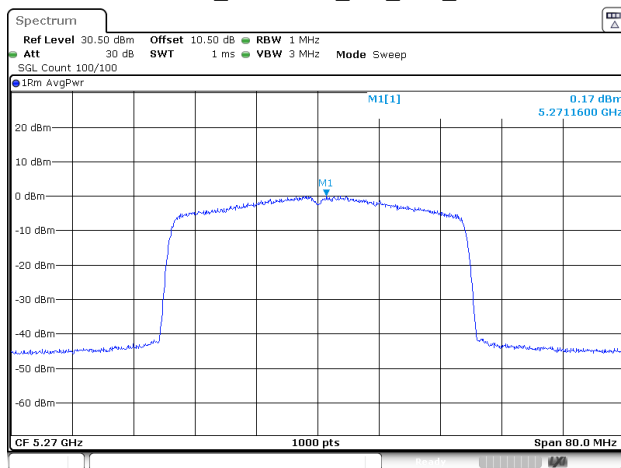
ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 23.MAR.2026 19:29:54

802.11ax40_5310MHz_RU_Full_Chain 0



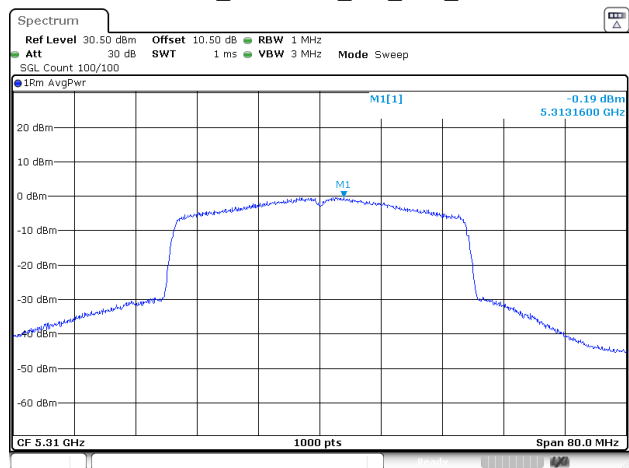
ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 23.MAR.2026 19:30:33

802.11ax40_5270MHz_RU_Full_Chain 1



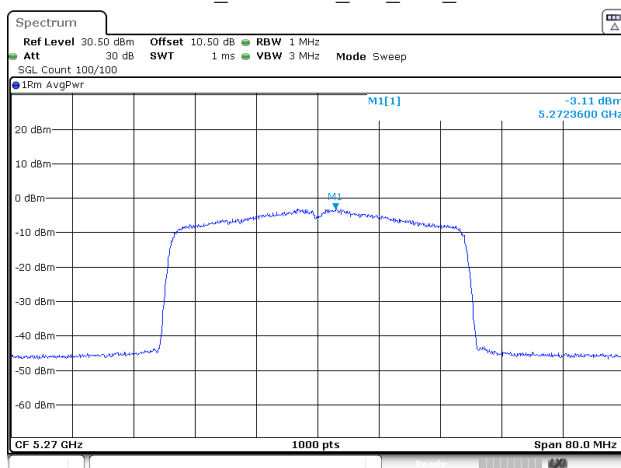
ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 23.MAR.2026 19:32:36

802.11ax40_5310MHz_RU_Full_Chain 1



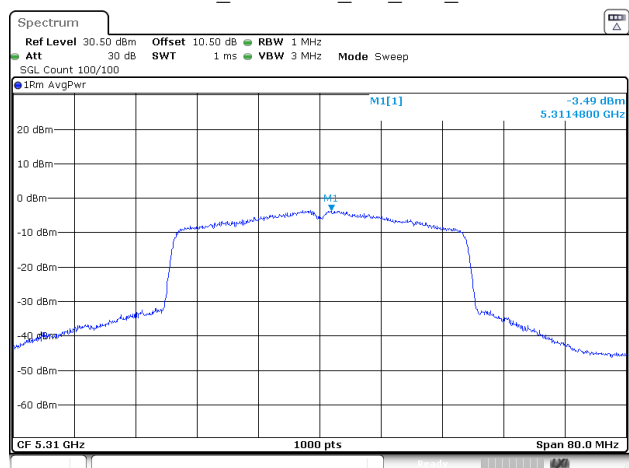
ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 23.MAR.2026 19:33:08

802.11ax40_5270MHz_RU_Full_Chain 2



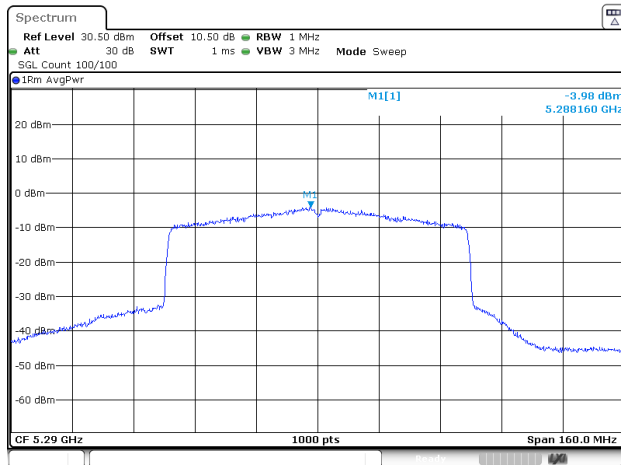
ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 23.MAR.2026 19:27:28

802.11ax40_5310MHz_RU_Full_Chain 2



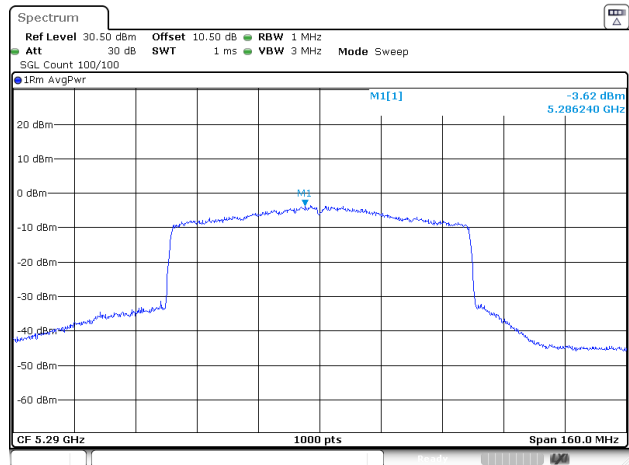
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Date: 23.MAR.2026 19:28:19

802.11ax80_5290MHz_RU_Full_Chain 0



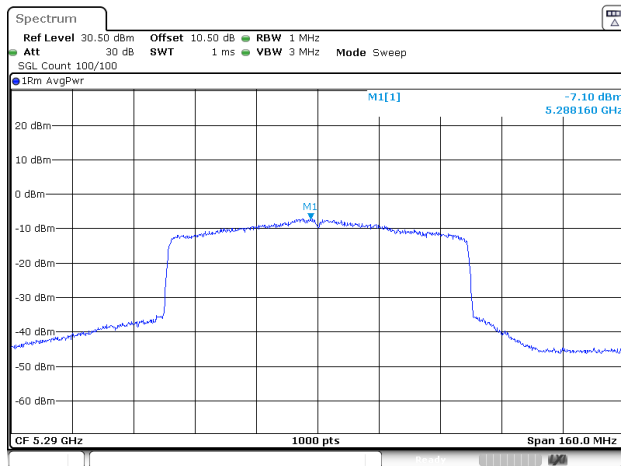
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Date: 23.MAR.2026 19:39:11

802.11ax80_5290MHz_RU_Full_Chain 1



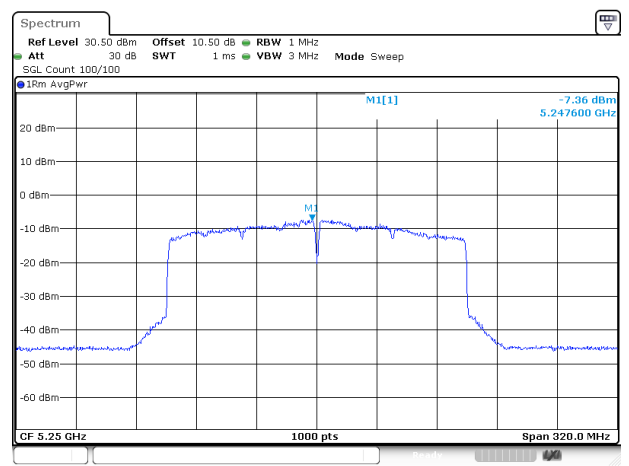
ProjectNo.:2501A12615E-RF Tester:Kungfumaster Liang
Date: 23.MAR.2026 19:40:38

802.11ax80_5290MHz_RU_Full_Chain 2



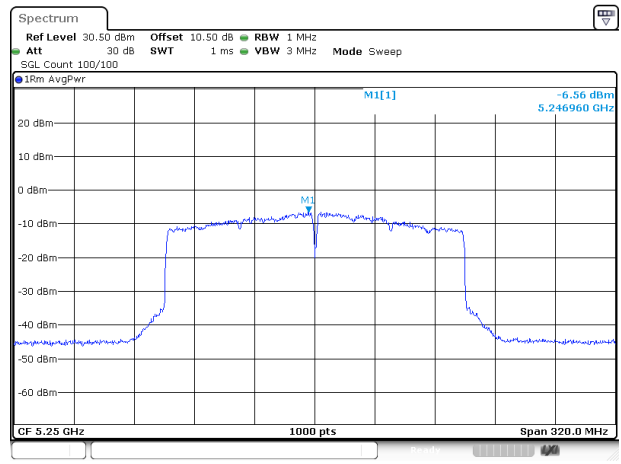
ProjectNo.:2501A12615E-RF Tester:Kungfumaster Liang
Date: 23.MAR.2026 19:43:43

802.11ax160_5250MHz_RU_FULL_Chain 0



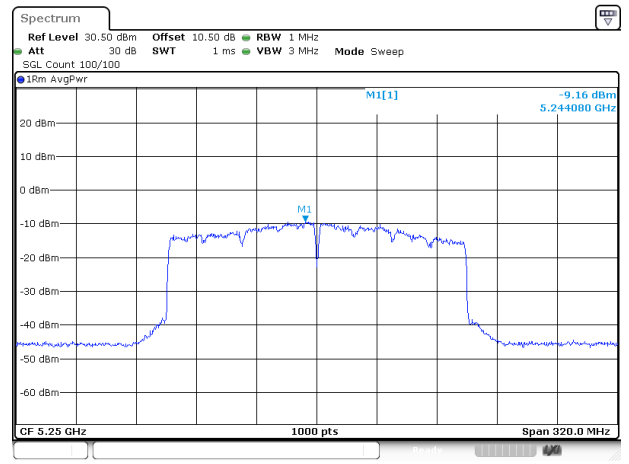
ProjectNo.:2501A12615E-RF Tester:Kungfumaster Liang
Date: 14.MAR.2026 14:34:14

802.11ax160_5250MHz_RU_FULL_Chain 1



ProjectNo.:2501A12615E-RF Tester:Kungfumaster Liang
Date: 14.MAR.2026 14:31:51

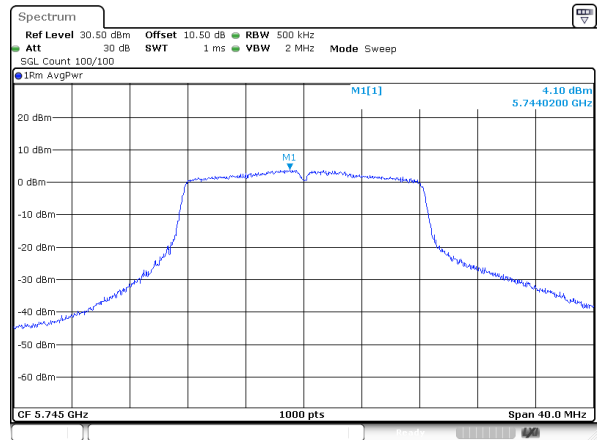
802.11ax160_5250MHz_RU_FULL_Chain 2



ProjectNo.:2501A12615E-RF Tester:Kungfumaster Liang
Date: 14.MAR.2026 15:28:52

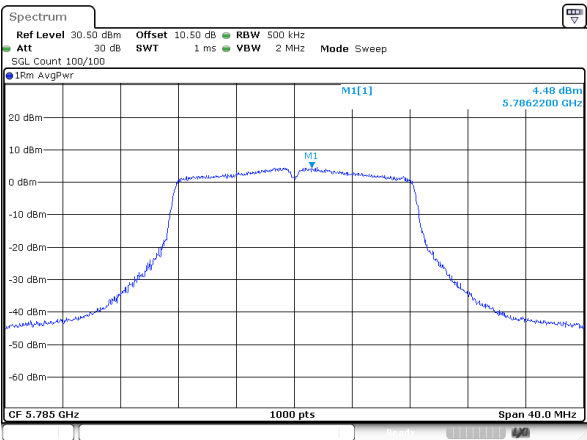
5725-5850MHz

802.11a_5745MHz_Chain 0



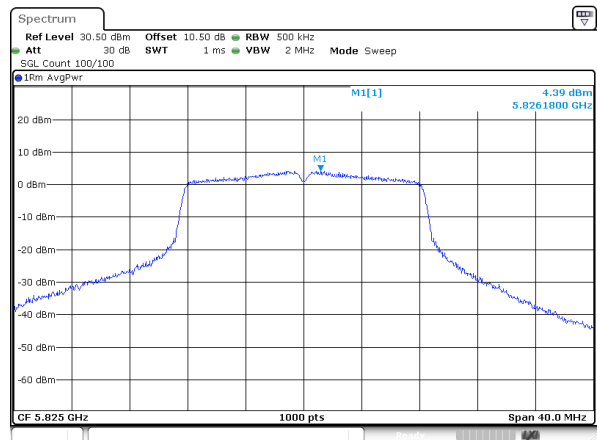
ProjectNo.:2501A12615E-RF Tester:Kungfumaster Liang
Date: 14.MAR.2026 16:29:38

802.11a_5785MHz_Chain 0



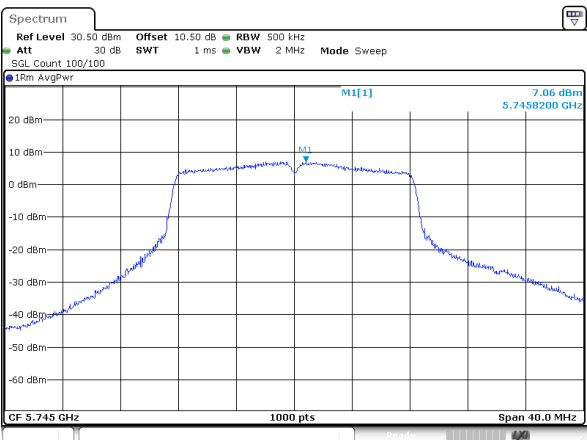
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Date: 14.MAR.2026 16:31:59

802.11a_5825MHz_Chain 0



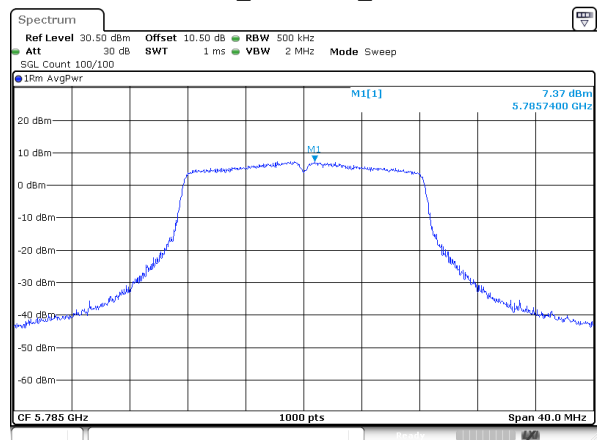
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Date: 14.MAR.2026 16:33:58

802.11a_5745MHz_Chain 1



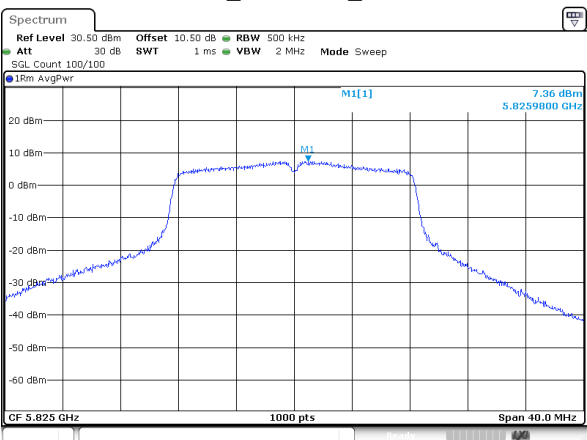
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Date: 14.MAR.2026 16:19:56

802.11a_5785MHz_Chain 1



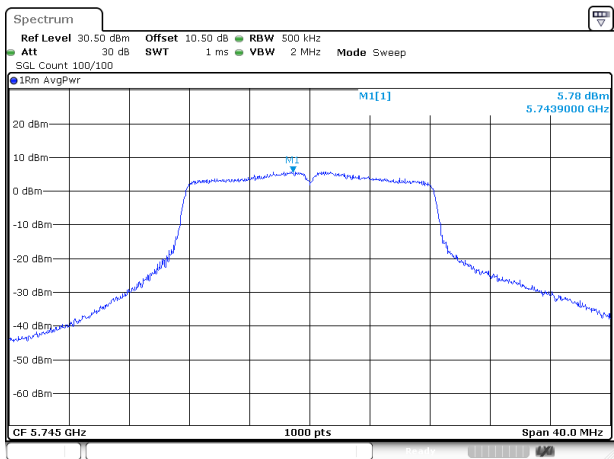
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Date: 14.MAR.2026 16:23:04

802.11a_5825MHz_Chain 1



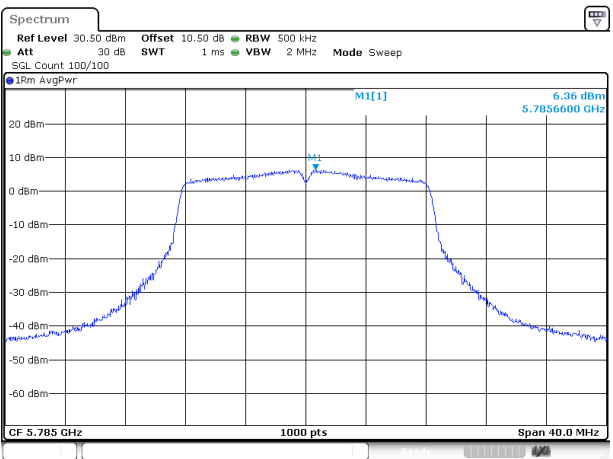
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Date: 14.MAR.2026 16:25:32

802.11a_5745MHz_Chain 2



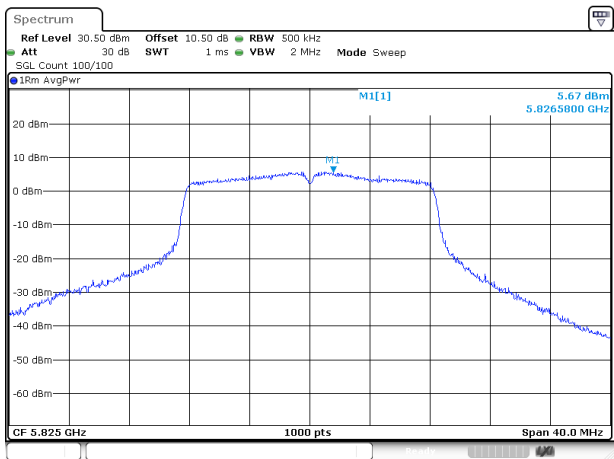
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Date: 14.MAR.2026 16:37:11

802.11a_5785MHz_Chain 2



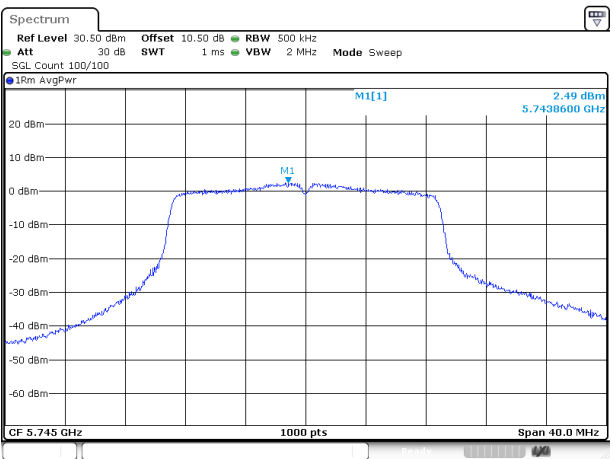
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Date: 14.MAR.2026 16:39:26

802.11a_5825MHz_Chain 2



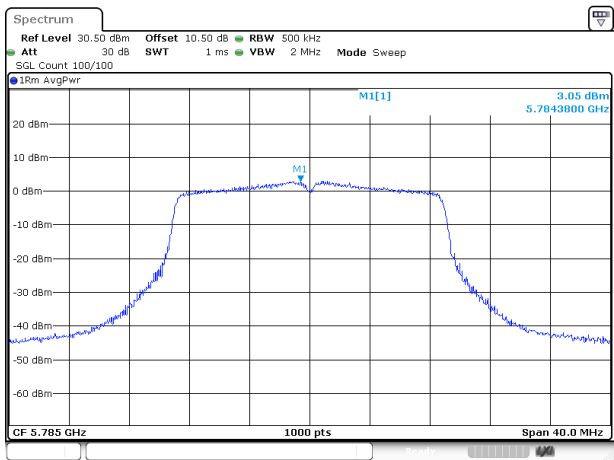
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Date: 14.MAR.2026 16:41:31

802.11ac20_5745MHz_Chain 0



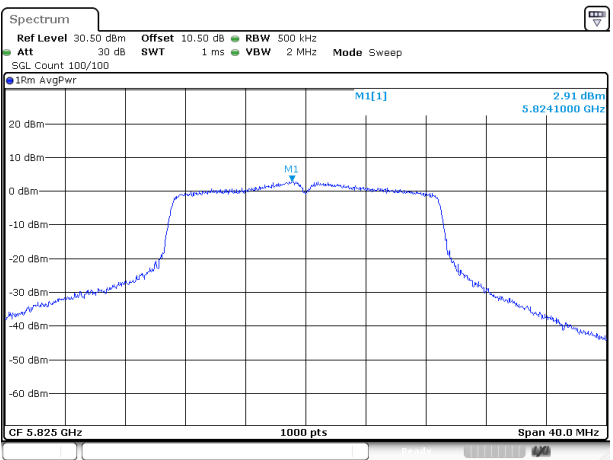
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 17:23:36

802.11ac20_5785MHz_Chain 0



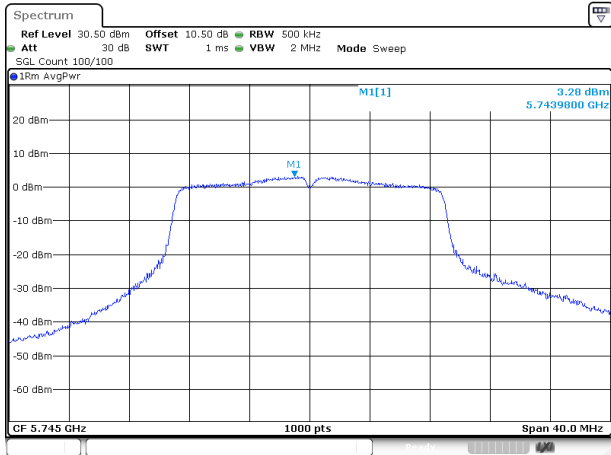
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 17:26:01

802.11ac20_5825MHz_Chain 0



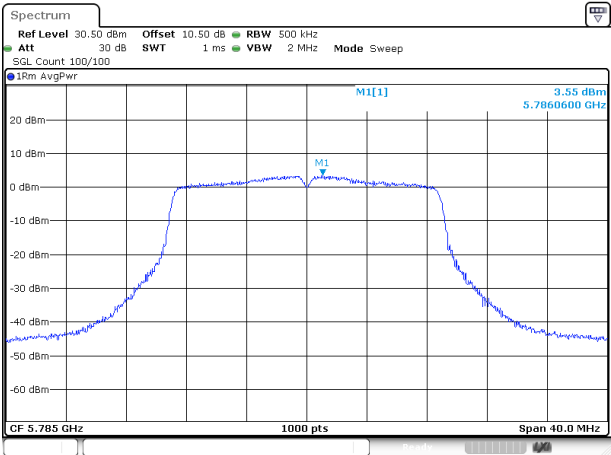
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Date: 14.MAR.2026 17:28:30

802.11ac20_5745MHz_Chain 1



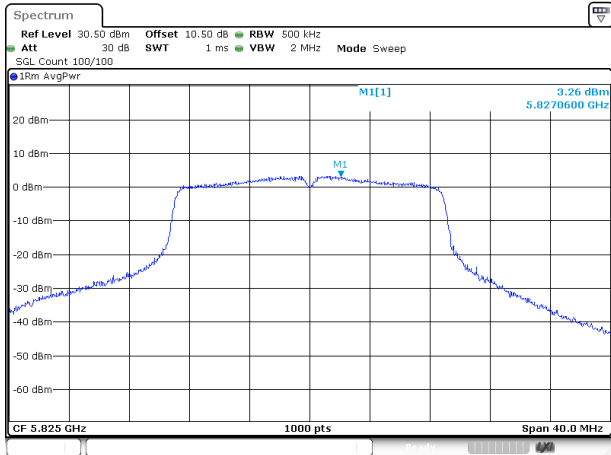
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Date: 14.MAR.2026 18:43:47

802.11ac20_5785MHz_Chain 1



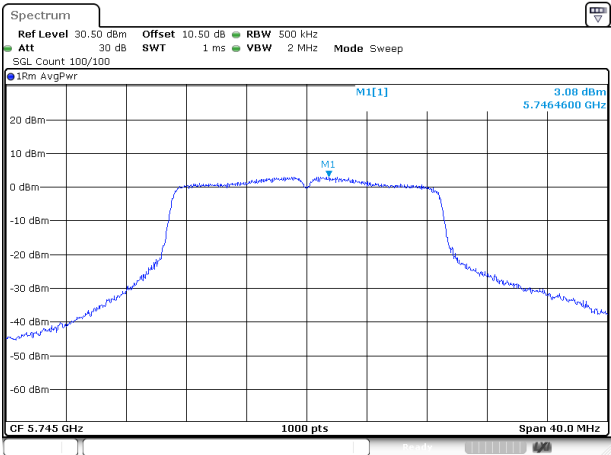
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Date: 14.MAR.2026 18:47:03

802.11ac20_5825MHz_Chain 1



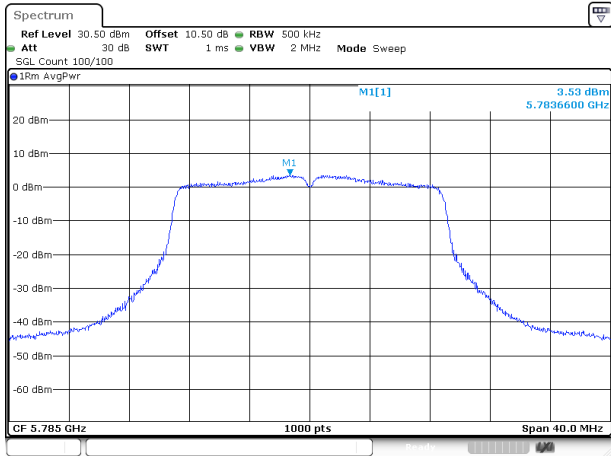
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 18:48:57

802.11ac20_5745MHz_Chain 2



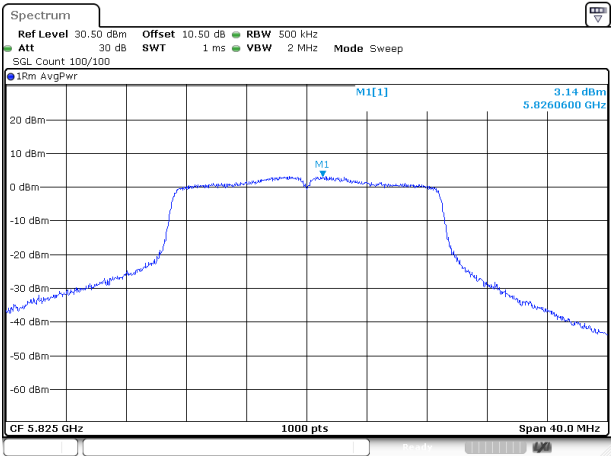
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Date: 14.MAR.2026 17:04:22

802.11ac20_5785MHz_Chain 2



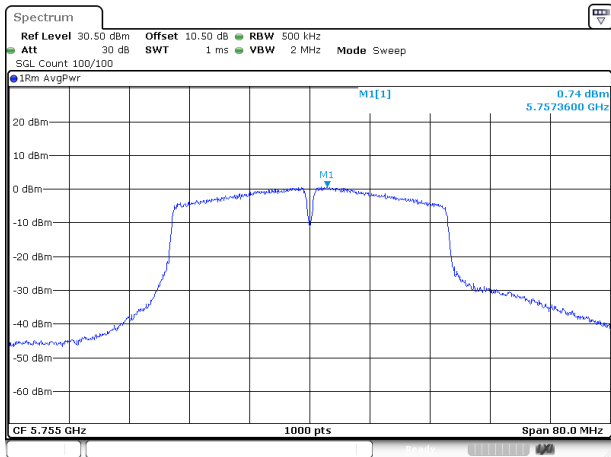
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Date: 14.MAR.2026 17:06:41

802.11ac20_5825MHz_Chain 2



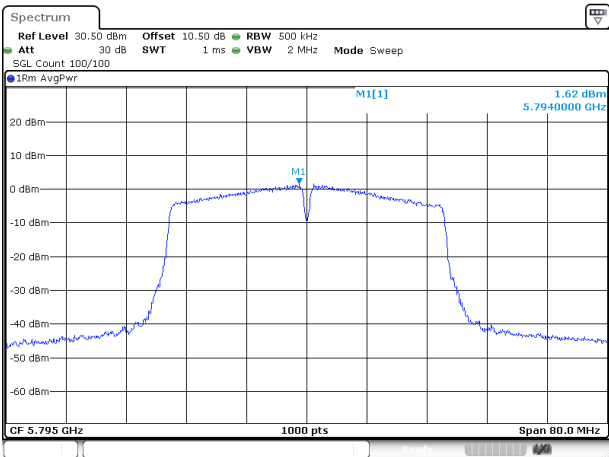
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Date: 14.MAR.2026 17:08:29

802.11ac40_5755MHz_Chain 0



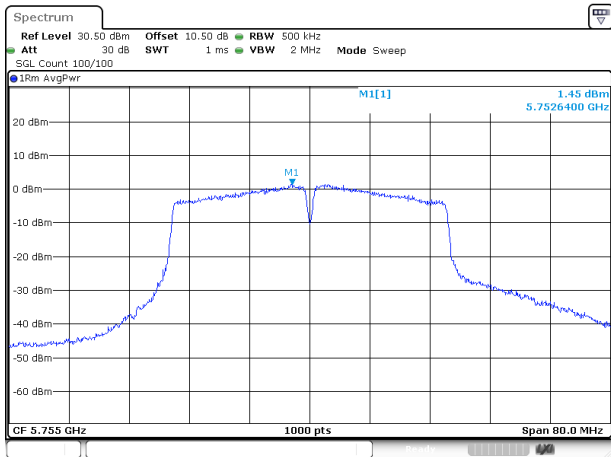
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Date: 14.MAR.2026 17:16:54

802.11ac40_5795MHz_Chain 0



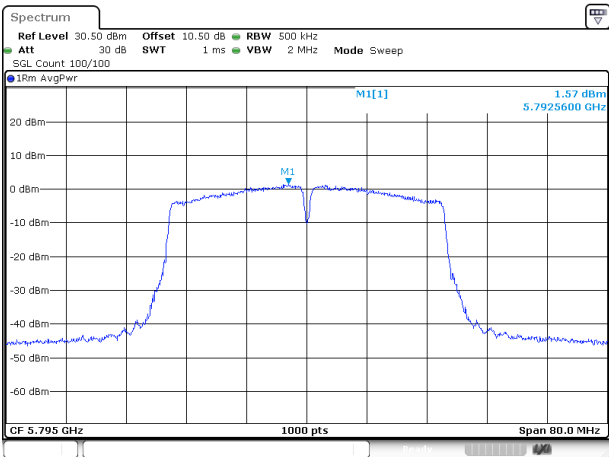
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Date: 14.MAR.2026 17:18:43

802.11ac40_5755MHz_Chain 1



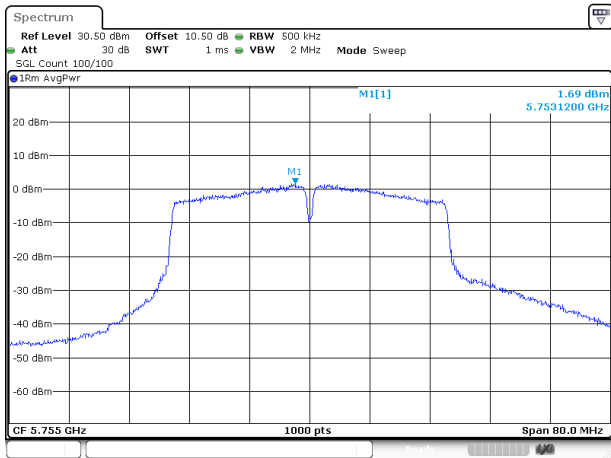
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Date: 14.MAR.2026 18:51:02

802.11ac40_5795MHz_Chain 1



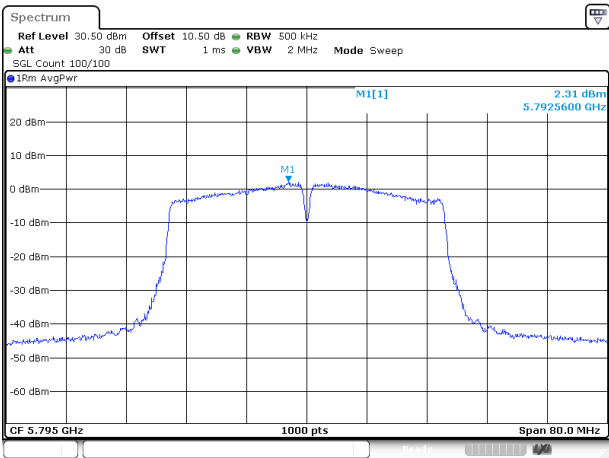
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 18:52:38

802.11ac40_5755MHz_Chain 2



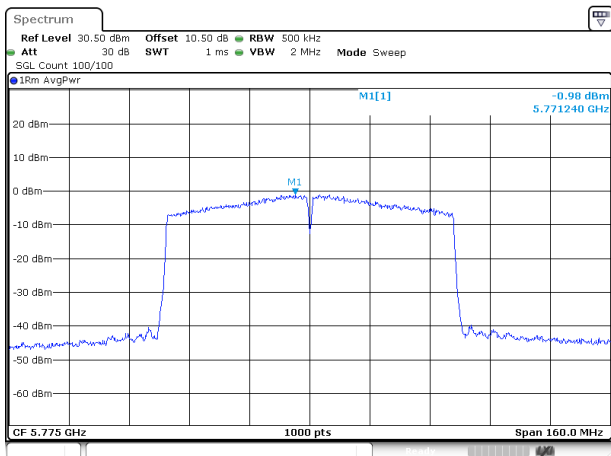
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 17:13:30

802.11ac40_5795MHz_Chain 2



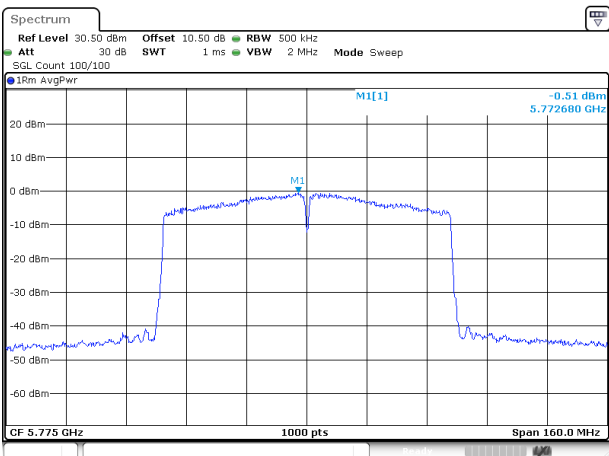
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 17:14:32

802.11ac80_5775MHz_Chain 0



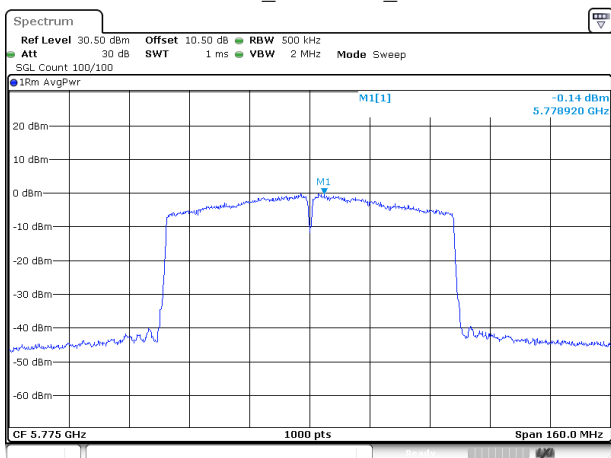
ProjectNo.:2501A12615E-RF Tester:Kungfumaaster Liang
Date: 14.MAR.2026 17:20:49

802.11ac80_5775MHz_Chain 1



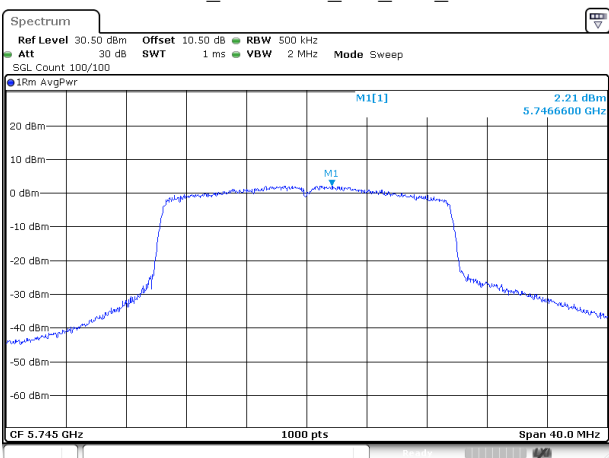
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Date: 14.MAR.2026 18:55:09

802.11ac80_5775MHz_Chain 2



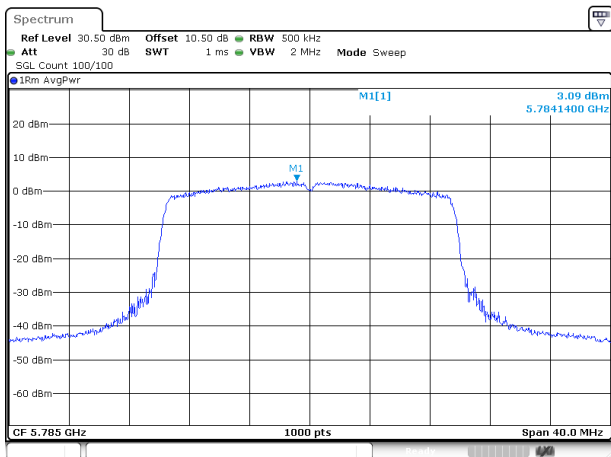
ProjectNo.:2501A12615E-RF Tester:Kungfumaaster Liang
Date: 14.MAR.2026 17:01:20

802.11ax20_5745MHz_RU_Full_Chain 0



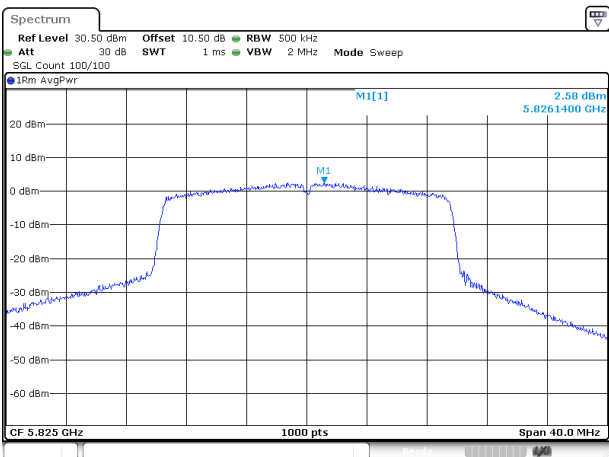
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Date: 14.MAR.2026 17:36:44

802.11ax20_5785MHz_RU_Full_Chain 0



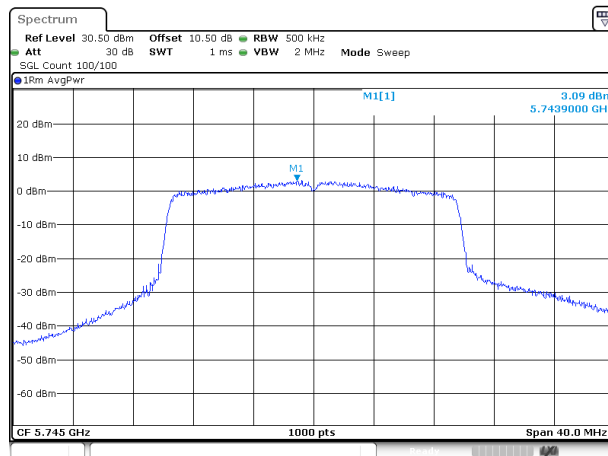
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Date: 14.MAR.2026 17:39:27

802.11ax20_5825MHz_RU_Full_Chain 0



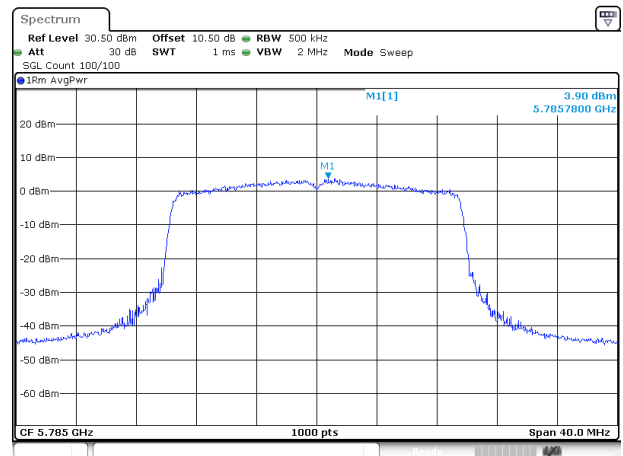
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Date: 14.MAR.2026 17:41:10

802.11ax20_5745MHz_RU_Full_Chain 1



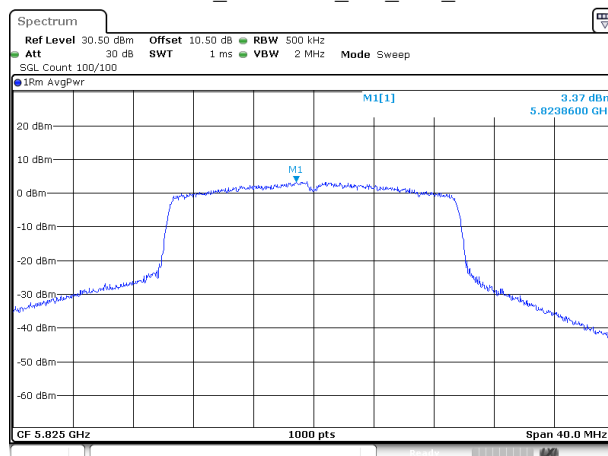
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Date: 14.MAR.2026 17:58:26

802.11ax20_5785MHz_RU_Full_Chain 1



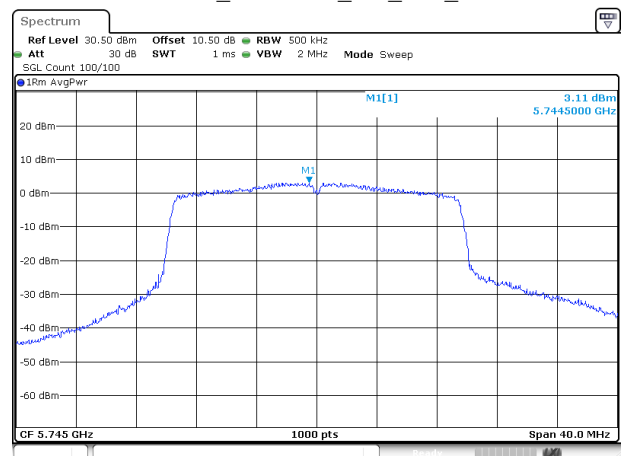
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Date: 14.MAR.2026 18:01:01

802.11ax20_5825MHz_RU_Full_Chain 1



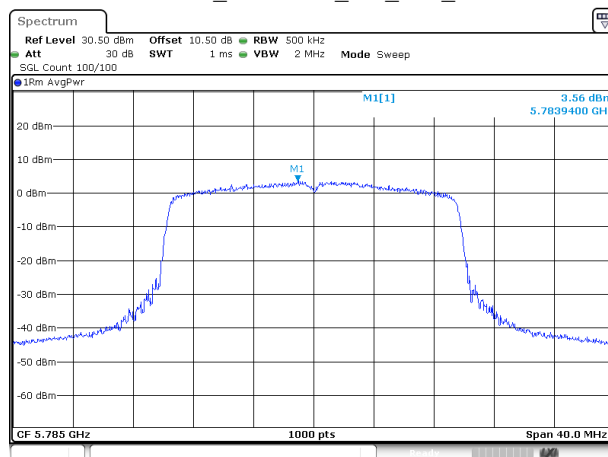
ProjectNo.:2501A12615E-RF Tester:Kungfumaaster Liang
Date: 14.MAR.2026 18:02:52

802.11ax20_5745MHz_RU_Full_Chain 2



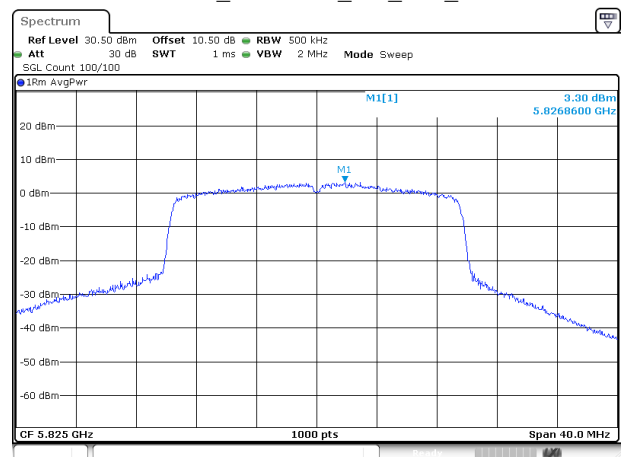
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Date: 14.MAR.2026 16:45:37

802.11ax20_5785MHz_RU_Full_Chain 2



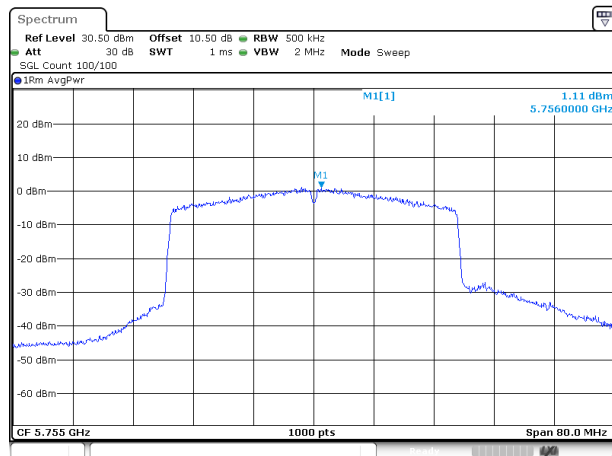
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Date: 14.MAR.2026 16:49:39

802.11ax20_5825MHz_RU_Full_Chain 2



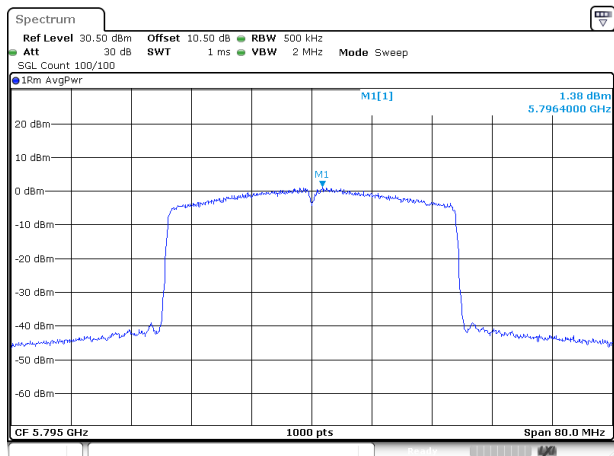
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Date: 14.MAR.2026 16:52:05

802.11ax40_5755MHz_RU_Full_Chain 0



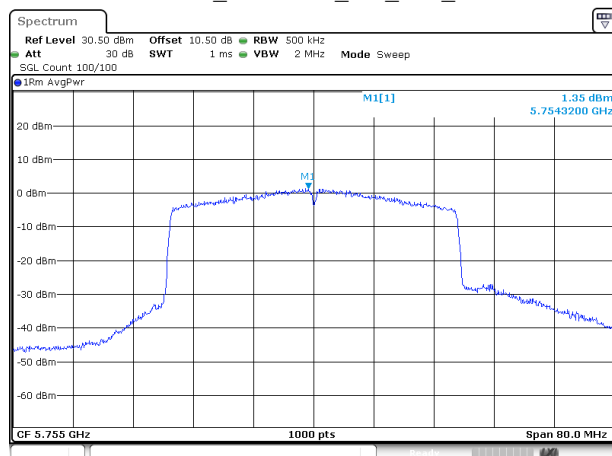
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Date: 14.MAR.2026 17:43:56

802.11ax40_5795MHz_RU_Full_Chain 0



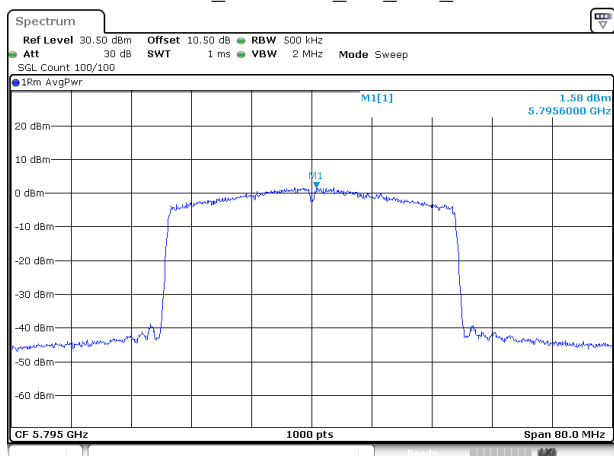
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Date: 14.MAR.2026 17:45:33

802.11ax40_5755MHz_RU_Full_Chain 1



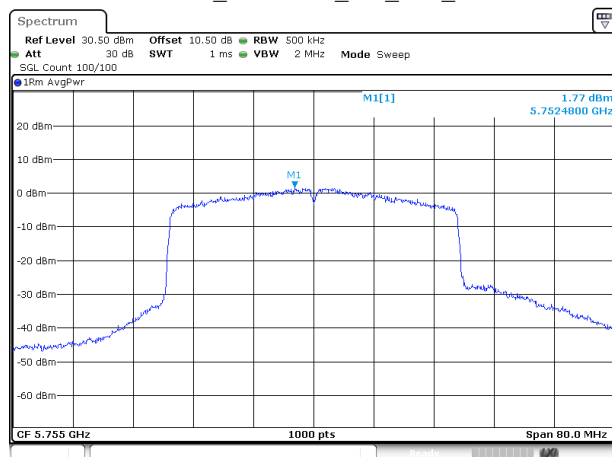
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Date: 14.MAR.2026 17:53:30

802.11ax40_5795MHz_RU_Full_Chain 1



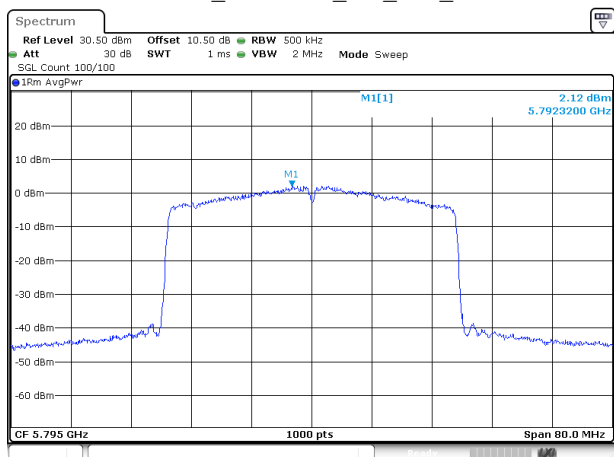
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Date: 14.MAR.2026 17:54:57

802.11ax40_5755MHz_RU_Full_Chain 2



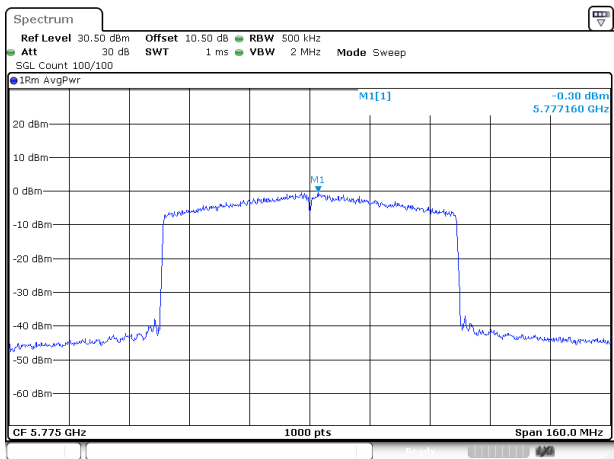
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Date: 14.MAR.2026 16:54:30

802.11ax40_5795MHz_RU_Full_Chain 2



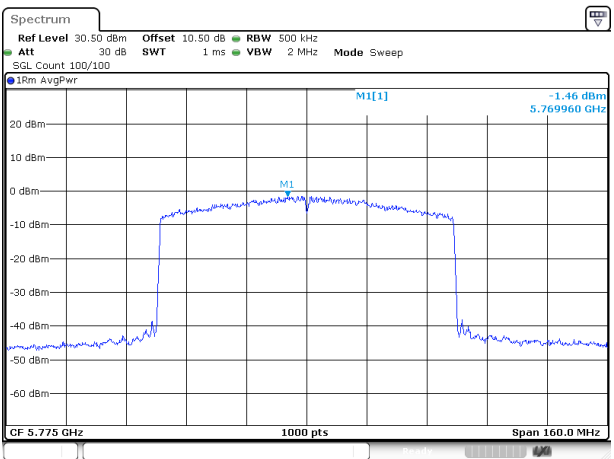
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Date: 14.MAR.2026 16:55:40

802.11ax80_5775MHz_RU_Full_Chain 0



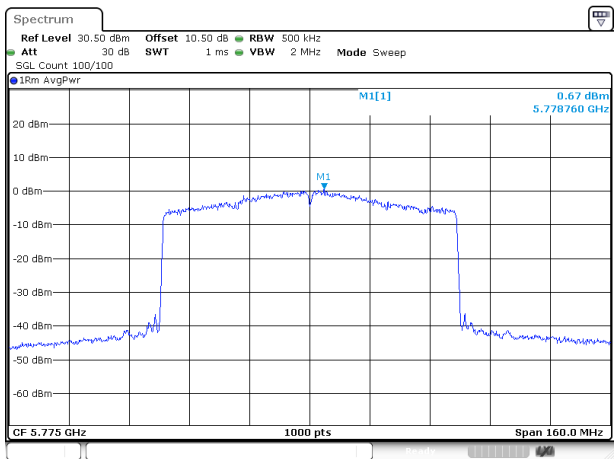
ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 17:48:12

802.11ax80_5775MHz_RU_Full_Chain 1



ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 17:50:40

802.11ax80_5775MHz_RU_Full_Chain 2



ProjectNo.:2501A12615E-RF Tester:Kungfumaater Liang
Date: 14.MAR.2026 16:59:24

Duty Cycle**Test Information:**

Sample No.:	3F25-1	Test Date:	2026/03/13~2026/03/14
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	N/A

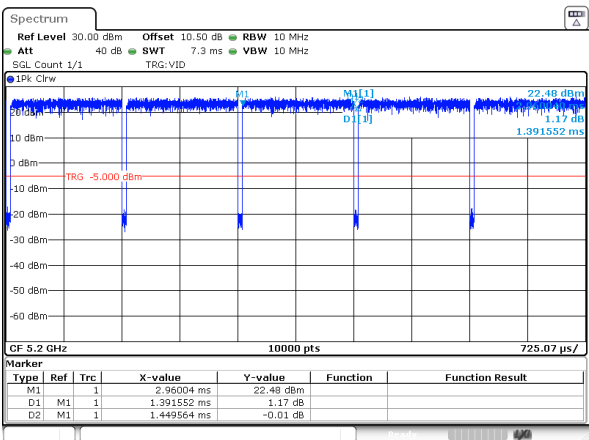
Environmental Conditions:

Temperature: (°C)	22.9-23.4	Relative Humidity: (%)	49-51	ATM Pressure: (kPa)	101.1-101.3
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Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.392	1.450	96.00	0.18	718	1
802.11ac20	5200	1.304	1.362	95.74	0.19	767	1
802.11ac40	5190	0.655	0.713	91.87	0.37	1527	2
802.11ac80	5210	0.324	0.381	85.04	0.70	3086	5
802.11ac160	5250	0.184	0.241	76.35	1.17	5435	10
802.11ax20_RU_Full	5200	1.023	1.080	94.72	0.24	978	1
802.11ax40_RU_Full	5190	0.546	0.604	90.40	0.44	1832	2
802.11ax80_RU_Full	5210	0.297	0.354	83.90	0.76	3367	5
802.11ax160_RU_FULL	5250	0.180	0.237	75.95	1.19	5556	10

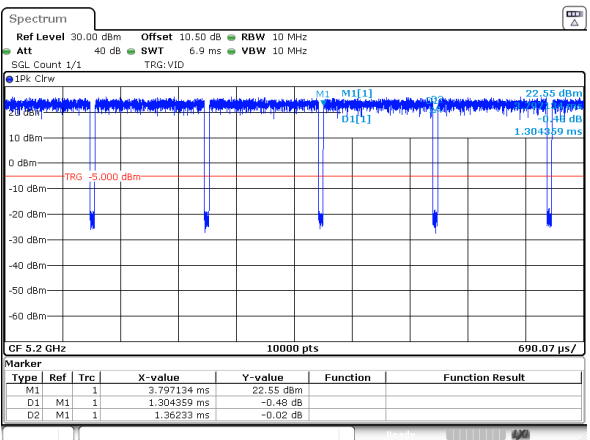
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



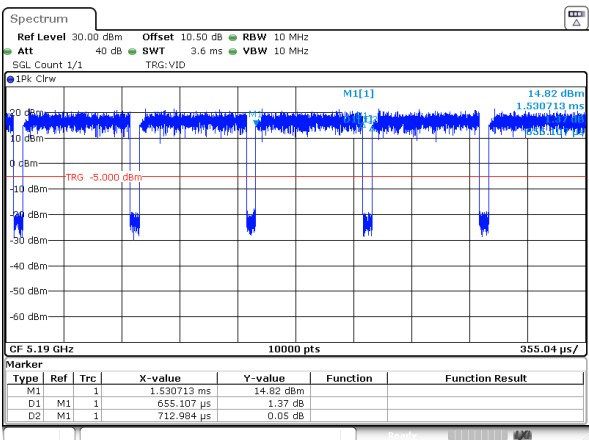
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Date: 14.MAR.2026 00:24:52

802.11ac20_5200MHz



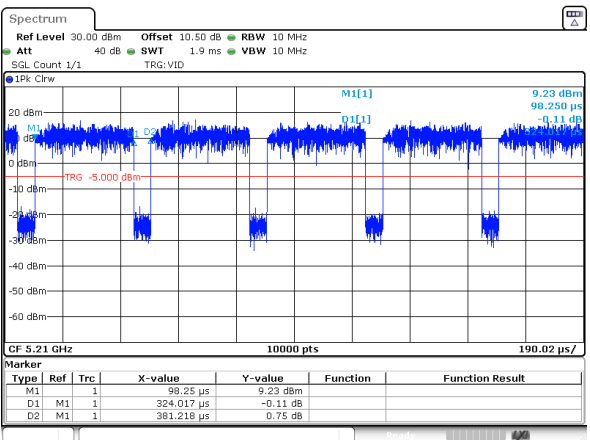
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Date: 13.MAR.2026 21:32:20

802.11ac40_5190MHz



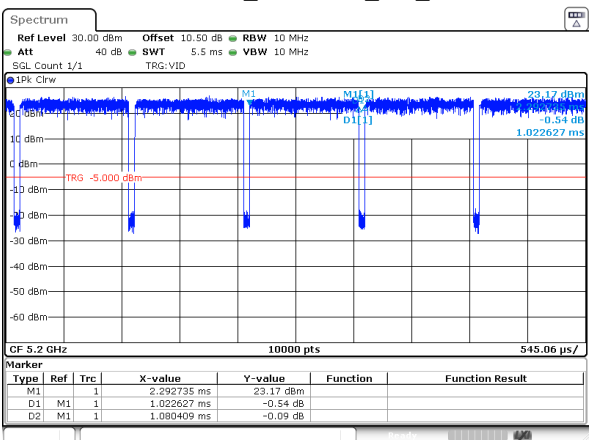
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Date: 13.MAR.2026 21:33:21

802.11ac80_5210MHz



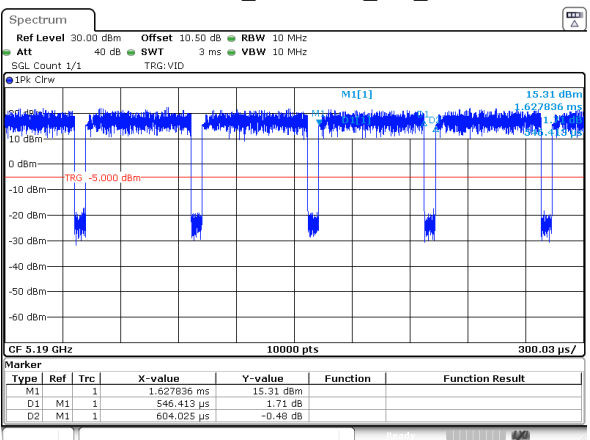
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Date: 13.MAR.2026 21:34:25

802.11ax20_5200MHz_RU_Full



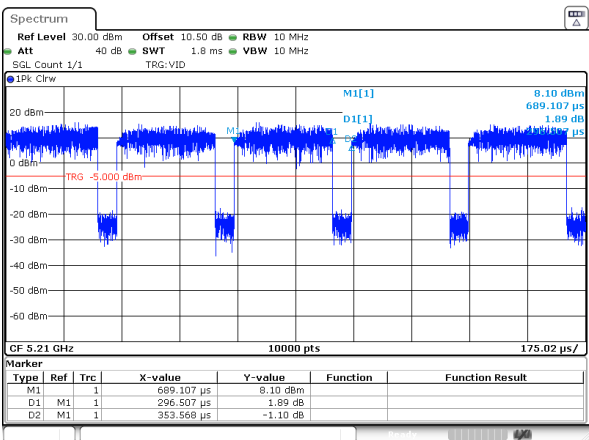
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Date: 13.MAR.2026 21:38:57

802.11ax40_5190MHz_RU_Full



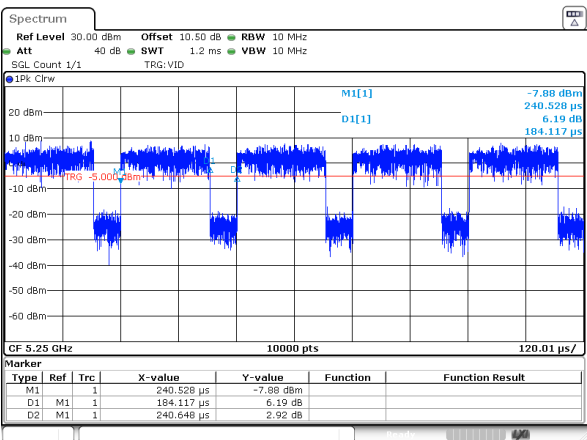
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Date: 13.MAR.2026 21:39:52

802.11ax80_5210MHz_RU_Full



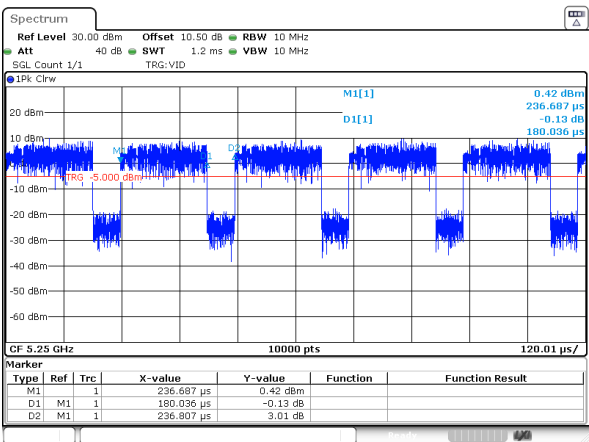
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Date: 13.MAR.2026 21:41:05

802.11ac160_5250MHz



ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 13.MAR.2026 21:36:43

802.11ax160_5250MHz_RU_FULL



ProjectNo.:2501A12615E-RF Tester:Kungfumaister Liang
Date: 13.MAR.2026 21:43:08

RF EXPOSURE EVALUATION

MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart §1.1310, 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.

Result

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:

For worst case:

Mode	Frequency (MHz)	Antenna Gain [#]		Max Tune-up Power [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
2.4G Wi-Fi	2412-2462	7.81	6.04	28.0	630.96	30	0.3370	1.0
5G Wi-Fi	5150-5250	9.66	9.25	26.5	446.68	30	0.3653	1.0
	5250-5350	9.66	9.25	20.0	100.00	30	0.0818	1.0
	5725-5850	9.83	9.62	24.0	251.19	30	0.2137	1.0

Note:

- 1) The tune up conducted power and antenna gain was declared by the applicant.
- 2) For the Wi-Fi mode, the antenna gain should be the directional gain.
- 3) The 2.4G and 5G Wi-Fi can simultaneous transmitting.

Simultaneous transmitting consideration (worst case):

The ratio= $MPE_{2.4G\ Wi-Fi}/limit + MPE_{5G\ Wi-Fi}/limit = 0.3370/1.0 + 0.3653/1.0 = 0.702 < 1.0$

So simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 30cm from nearby persons.

Result: Compliant.

EUT PHOTOGRAPHS

Please refer to the attachment 2501A12615E-RF-EXP External photo and 2501A12615E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501A12615E-RF-TSP Test Setup photo.

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