

Test Information:

Sample No.:	2UGN-2	Test Date:	2024/12/08~2024/12/26
Test Site:	RF	Test Mode:	Transmitting
Tester:	Chin Qin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	25.3-25.8	Relative Humidity: (%)	52-55	ATM Pressure: (kPa)	101.1-101.7
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200256	2024/04/01	2025/03/31
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060301	Each time	N/A
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Emission Bandwidth**26dB Emission Bandwidth****5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 0	5180	37.179
		5200	40.480
		5240	23.396
	Chain 1	5180	40.520
		5200	38.861
		5240	22.677
802.11n20	Chain 0	5180	40.262
		5200	46.058
		5240	24.308
	Chain 1	5180	37.473
		5200	42.419
		5240	22.512
802.11n40	Chain 0	5190	64.458
		5230	41.300
	Chain 1	5190	49.400
		5230	40.300
802.11ac80	Chain 0	5210	128.753
	Chain 1	5210	118.020
802.11ax20_RU_Full	Chain 0	5180	23.830
		5200	24.219
		5240	24.389
	Chain 1	5180	23.216
		5200	22.500
		5240	22.893
802.11ax40_RU_Full	Chain 0	5190	40.100
		5230	40.200
	Chain 1	5190	40.300
		5230	40.300
802.11ax80_RU_Full	Chain 0	5210	81.600
	Chain 1	5210	81.400

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 0	5260	22.925
		5280	23.063
		5320	38.115
	Chain 1	5260	22.776
		5280	22.597
		5320	37.295
802.11n20	Chain 0	5260	23.972
		5280	23.657
		5320	41.459
	Chain 1	5260	23.025
		5280	22.763
		5320	38.716
802.11n40	Chain 0	5270	41.200
		5310	61.131
	Chain 1	5270	40.500
		5310	46.900
802.11ac80	Chain 0	5290	128.030
	Chain 1	5290	80.800
802.11ax20_RU_Full	Chain 0	5260	24.505
		5280	24.847
		5320	24.540
	Chain 1	5260	22.352
		5280	22.440
		5320	23.160
802.11ax40_RU_Full	Chain 0	5270	40.200
		5310	40.200
	Chain 1	5270	40.200
		5310	40.200
802.11ax80_RU_Full	Chain 0	5290	81.600
	Chain 1	5290	81.400
802.11ax160_RU_Full	Chain 0	5250	164
	Chain 1	5250	164.400

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11a	Chain 0	5500	37.576
		5580	23.412
		5700	29.536
		5720	22.977
	Chain 1	5500	36.491
		5580	22.491
		5700	29.489
		5720	22.478
802.11n20	Chain 0	5500	41.346
		5580	24.564
		5700	38.542
		5720	24.446
	Chain 1	5500	37.995
		5580	23.186
		5700	37.583
		5720	22.663
802.11n40	Chain 0	5510	66.457
		5550	41.300
		5670	69.255
		5710	41.400
	Chain 1	5510	49.800
		5550	40.500
		5670	64.346
		5710	40.300
802.11ac80	Chain 0	5530	128.338
		5610	81.200
		5690	81.400
	Chain 1	5530	80.800
		5610	81
		5690	81
802.11ax20_RU_Full	Chain 0	5500	23.850
		5580	24.146
		5700	24.493

Mode	Antenna	Test Frequency (MHz)	Result (MHz)
802.11ax20_RU_Full	Chain 0	5720	23.819
	Chain 1	5500	22.422
		5580	22.843
		5700	22.615
		5720	23.084
802.11ax40_RU_Full	Chain 0	5510	40.100
		5550	40.100
		5670	40.200
		5710	40.200
	Chain 1	5510	40.100
		5550	40.200
		5670	40.100
		5710	40.300
802.11ax80_RU_Full	Chain 0	5530	81.800
		5610	81.600
		5690	81.600
	Chain 1	5530	81.400
		5610	81.600
		5690	81.600
802.11ax160_RU_Full	Chain 0	5570	164.400
	Chain 1	5570	164

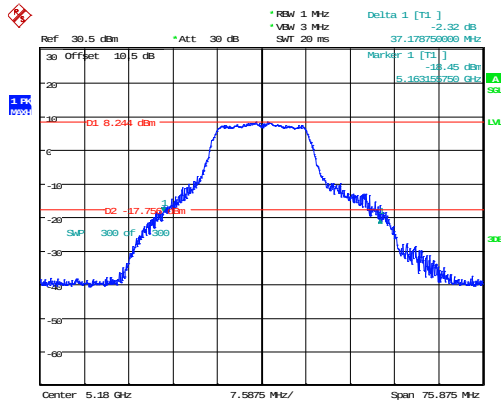
6dB Emission Bandwidth**5725-5850MHz**

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11a	Chain 0	5745	16.550	0.5	Pass
		5785	16.600	0.5	Pass
		5825	16.600	0.5	Pass
	Chain 1	5745	16.650	0.5	Pass
		5785	16.500	0.5	Pass
		5825	16.550	0.5	Pass
802.11n20	Chain 0	5745	17.900	0.5	Pass
		5785	17.900	0.5	Pass
		5825	17.900	0.5	Pass

Mode	Antenna	Test Frequency (MHz)	Result (MHz)	Limit (MHz)	Verdict
802.11n20	Chain 1	5745	17.750	0.5	Pass
		5785	17.750	0.5	Pass
		5825	17.700	0.5	Pass
802.11n40	Chain 0	5755	36.600	0.5	Pass
		5795	36.600	0.5	Pass
	Chain 1	5755	36.500	0.5	Pass
		5795	36.600	0.5	Pass
802.11ac80	Chain 0	5775	77	0.5	Pass
	Chain 1	5775	77	0.5	Pass
802.11ax20_RU_Full	Chain 0	5745	19.200	0.5	Pass
		5785	19.200	0.5	Pass
		5825	19.200	0.5	Pass
	Chain 1	5745	19.150	0.5	Pass
		5785	19.150	0.5	Pass
		5825	19.250	0.5	Pass
802.11ax40_RU_Full	Chain 0	5755	38.300	0.5	Pass
		5795	38.400	0.5	Pass
	Chain 1	5755	38.200	0.5	Pass
		5795	38.300	0.5	Pass
802.11ax80_RU_Full	Chain 0	5775	78.400	0.5	Pass
	Chain 1	5775	78.400	0.5	Pass

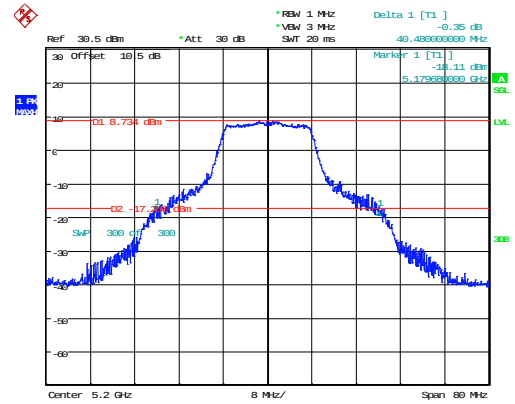
5150-5250MHz

802.11a_5180MHz_Chain 0 37.179MHz



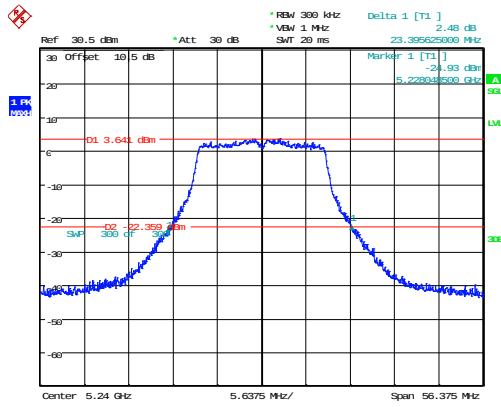
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802.11a_5200MHz_Chain 0 40.480MHz



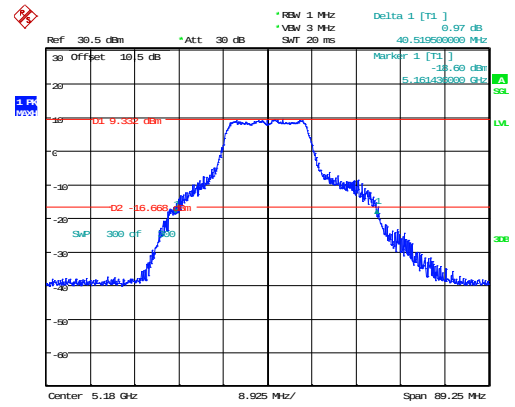
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802.11a_5240MHz_Chain 0 23.396MHz



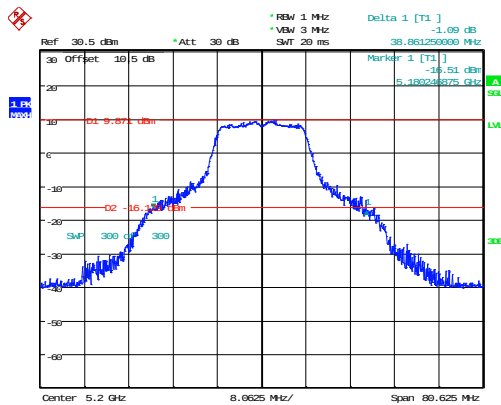
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802.11a_5180MHz_Chain 1 40.520MHz



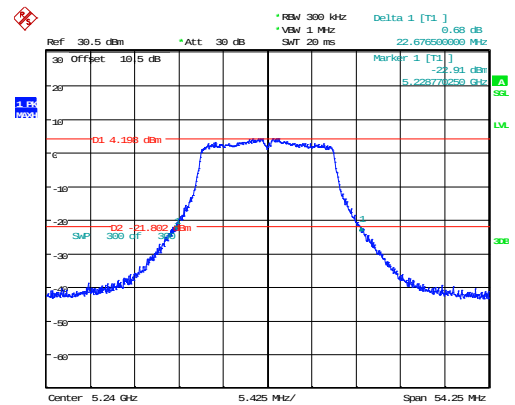
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802.11a_5200MHz_Chain 1 38.861MHz



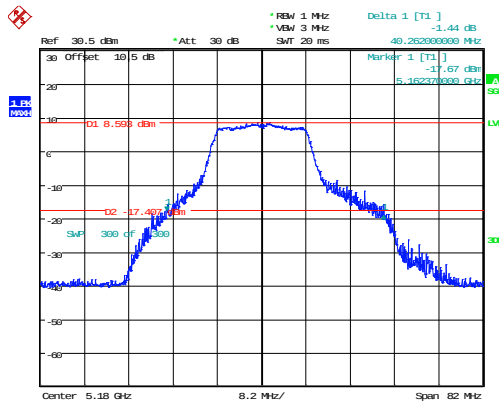
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802.11a_5240MHz_Chain 1 22.677MHz



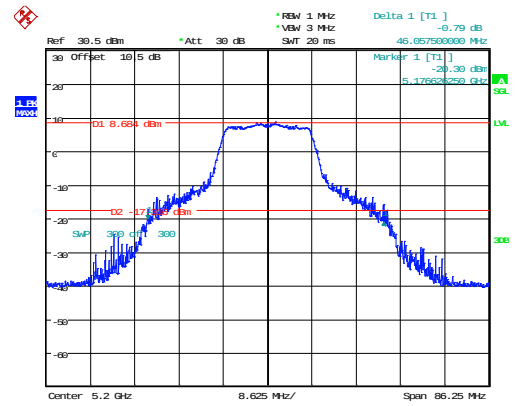
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802.11n20_5180MHz_Chain 0 40.262MHz



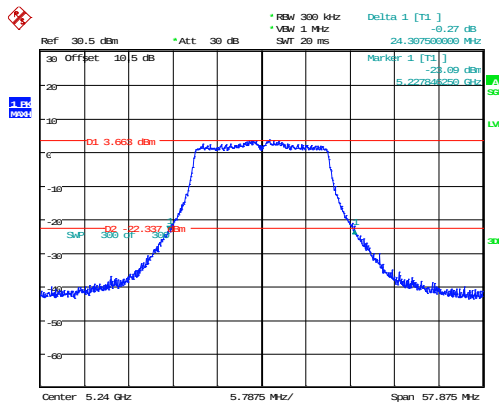
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802.11n20_5200MHz_Chain 0 46.058MHz



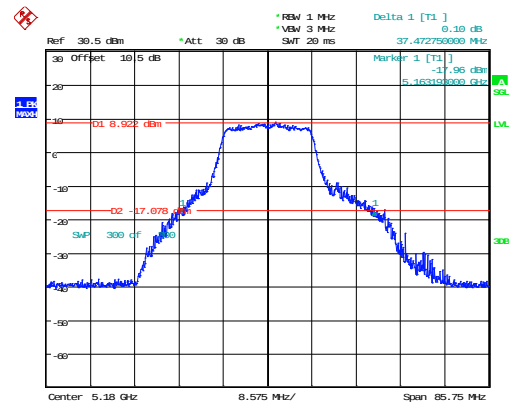
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802.11n20_5240MHz_Chain 0 24.308MHz



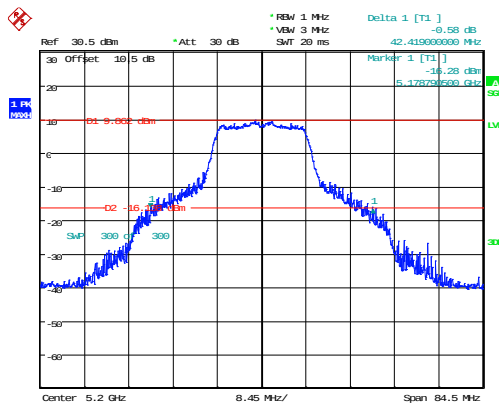
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802.11n20_5180MHz_Chain 1 37.473MHz



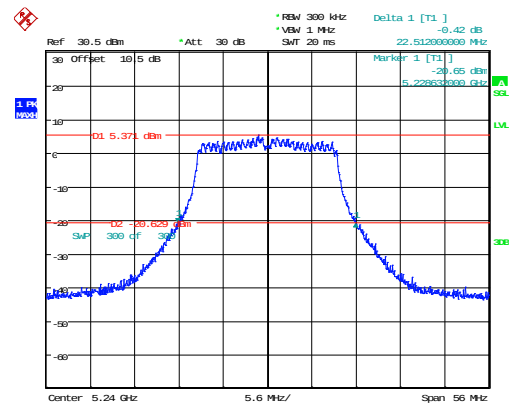
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Date: 25.DEC.2024 20:17:17

802.11n20_5200MHz_Chain 1 42.419MHz



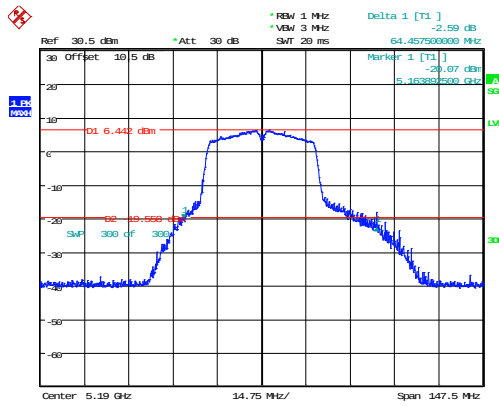
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802.11n20_5240MHz_Chain 1 22.512MHz



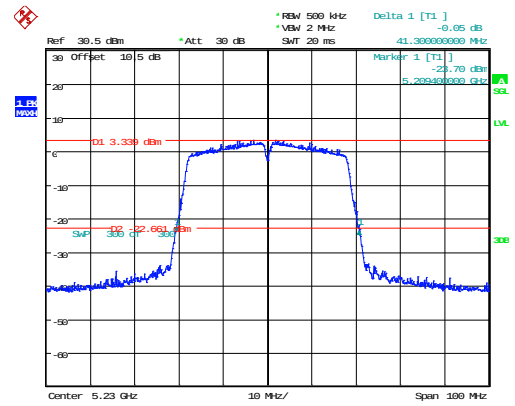
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Date: 23.DEC.2024 20:09:27

802.11n40_5190MHz_Chain 0 64.458MHz



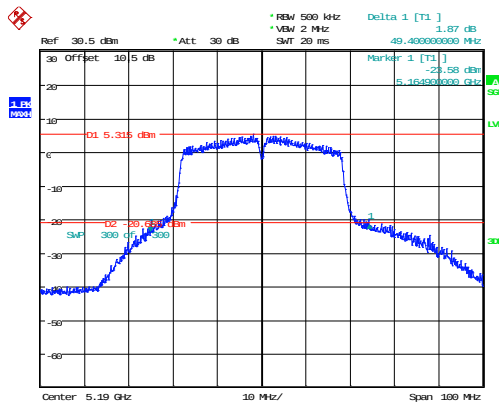
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802.11n40_5230MHz_Chain 0 41.300MHz



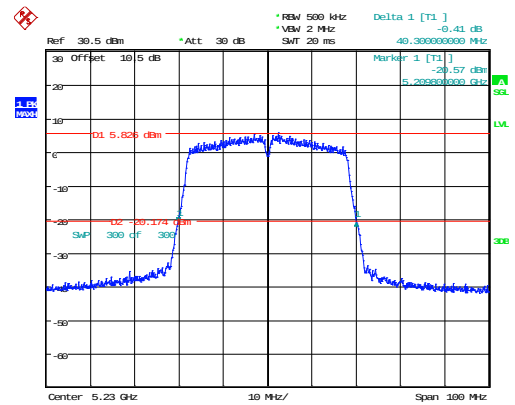
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802.11n40_5190MHz_Chain 1 49.400MHz



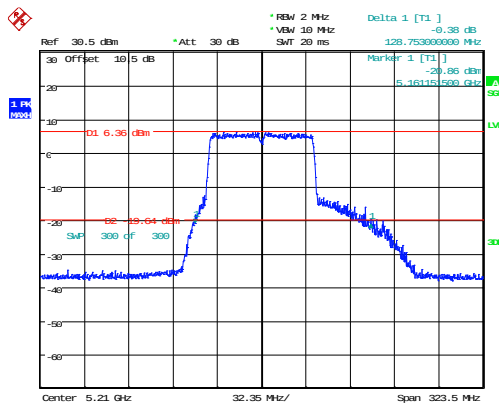
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802.11n40_5230MHz_Chain 1 40.300MHz



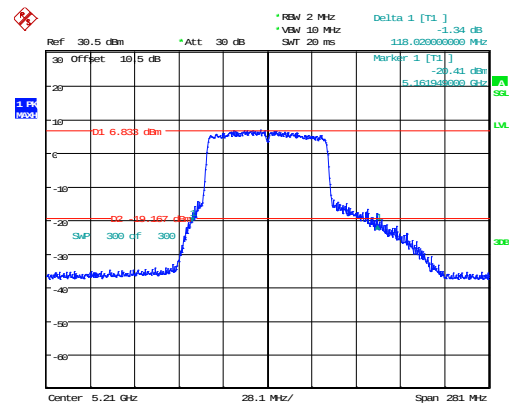
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802.11ac80_5210MHz_Chain 0 128.753MHz



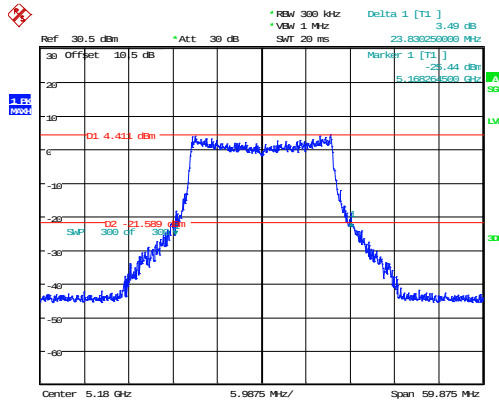
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802.11ac80_5210MHz_Chain 1 118.020MHz



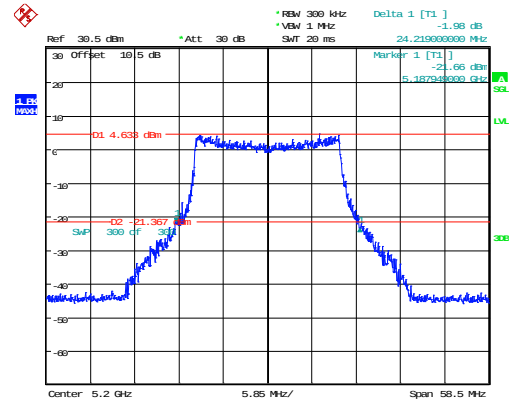
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802.11ax20_5180MHz_RU_Full_Chain 0 23.830MHz



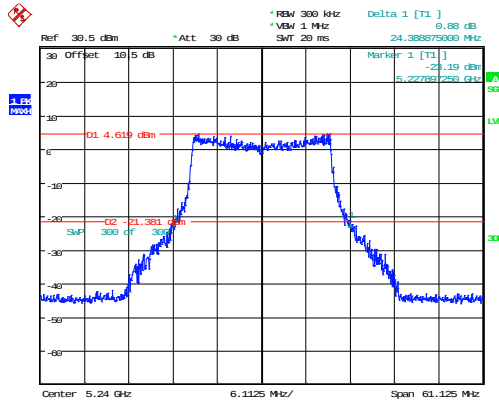
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802.11ax20_5200MHz_RU_Full_Chain 0 24.219MHz



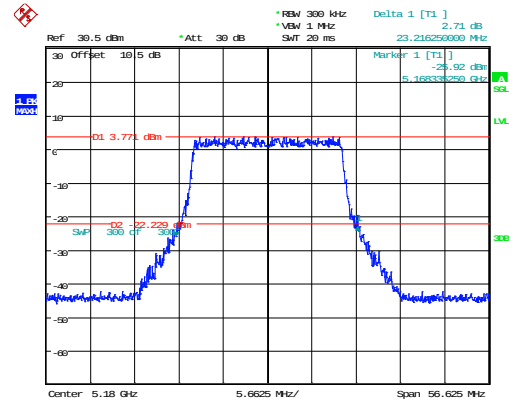
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802.11ax20_5240MHz_RU_Full_Chain 0 24.389MHz



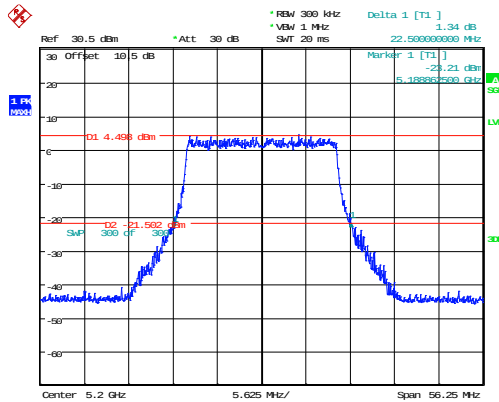
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802.11ax20_5180MHz_RU_Full_Chain 1 23.216MHz



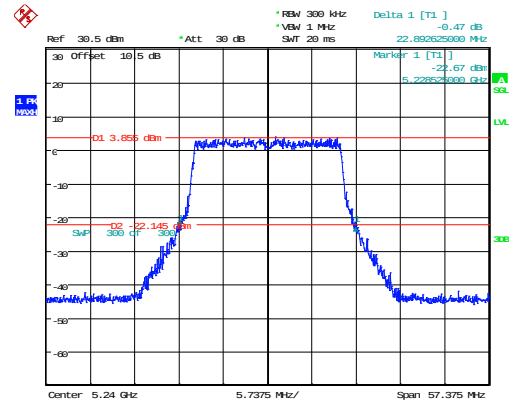
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802.11ax20_5200MHz_RU_Full_Chain 1 22.500MHz



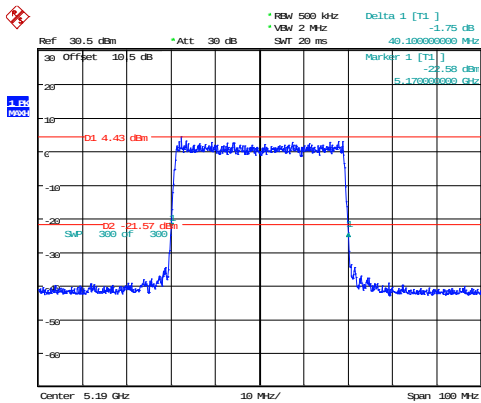
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802.11ax20_5240MHz_RU_Full_Chain 1 22.893MHz



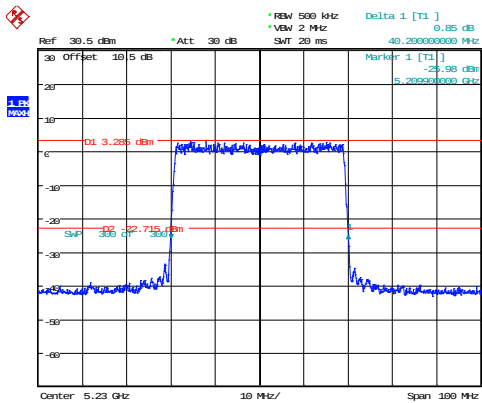
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802.11ax40_5190MHz_RU_Full_Chain 0 40.100MHz



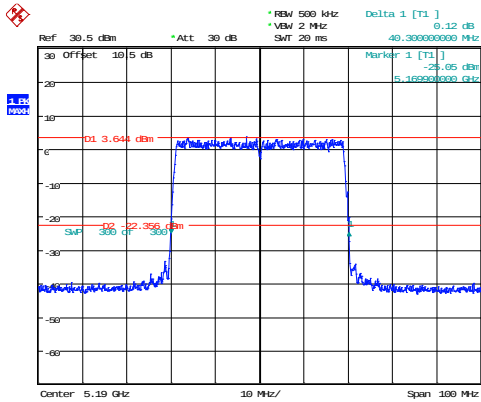
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802.11ax40_5230MHz_RU_Full_Chain 0 40.200MHz



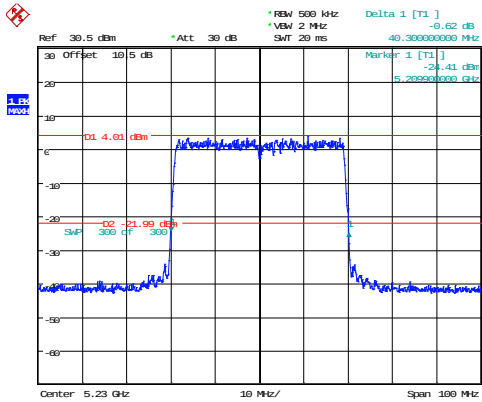
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802.11ax40_5190MHz_RU_Full_Chain 1 40.300MHz



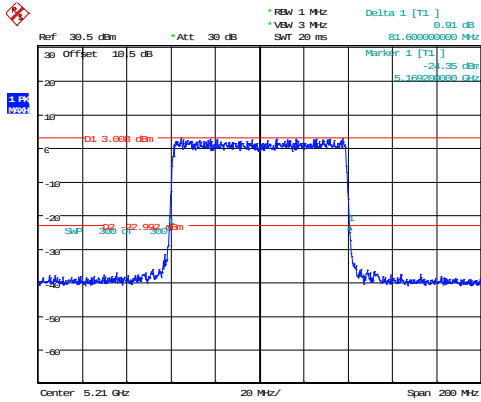
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Date: 25.DEC.2024 19:45:17

802.11ax40_5230MHz_RU_Full_Chain 1 40.300MHz



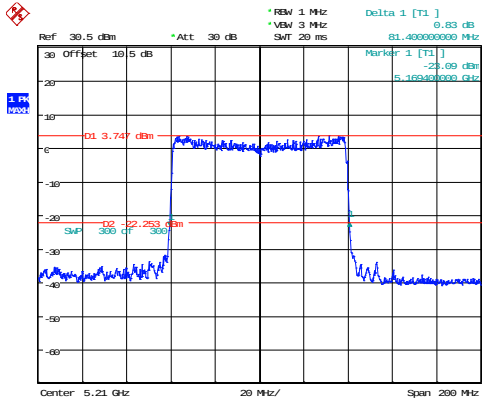
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Date: 25.DEC.2024 19:46:38

802.11ax80_5210MHz_RU_Full_Chain 0 81.600MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 18:43:04

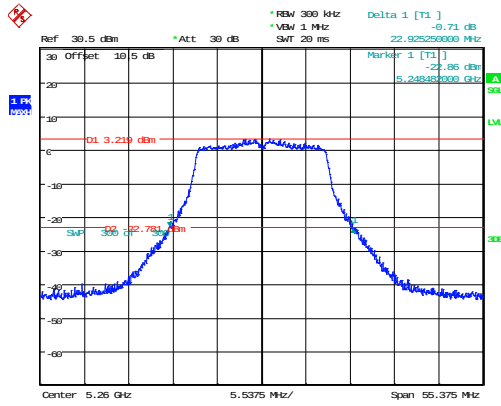
802.11ax80_5210MHz_RU_Full_Chain 1 81.400MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 16:58:59

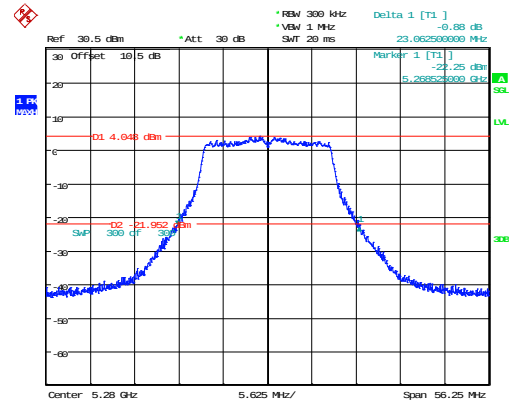
5250-5350MHz

802.11a_5260MHz_Chain 0 22.925MHz



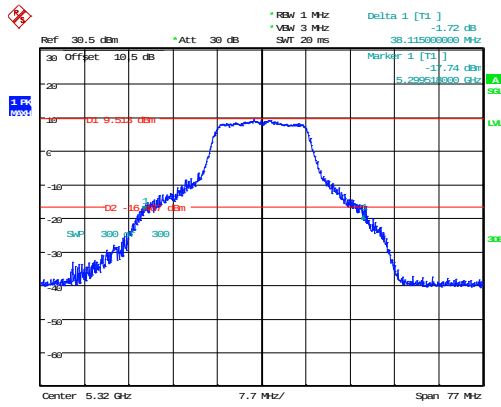
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Date: 9.DEC.2024 21:47:15

802.11a_5280MHz_Chain 0 23.063MHz



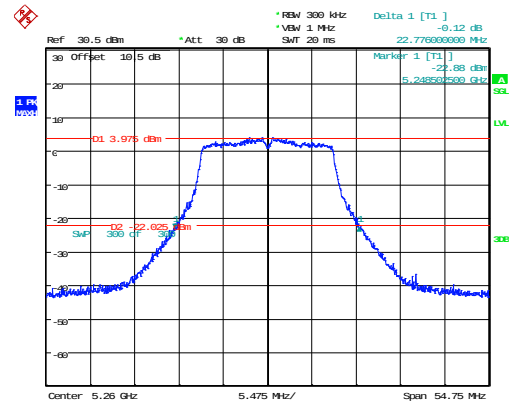
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Date: 9.DEC.2024 21:49:31

802.11a_5320MHz_Chain 0 38.115MHz



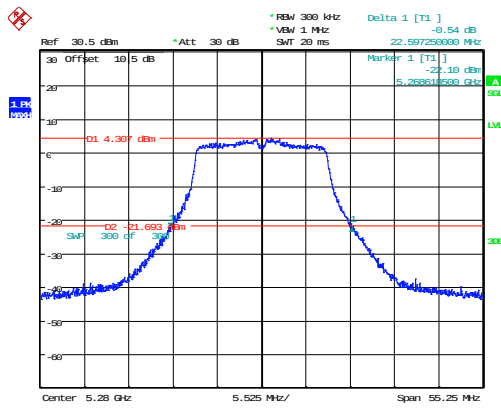
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Date: 9.DEC.2024 21:51:31

802.11a_5260MHz_Chain 1 22.776MHz



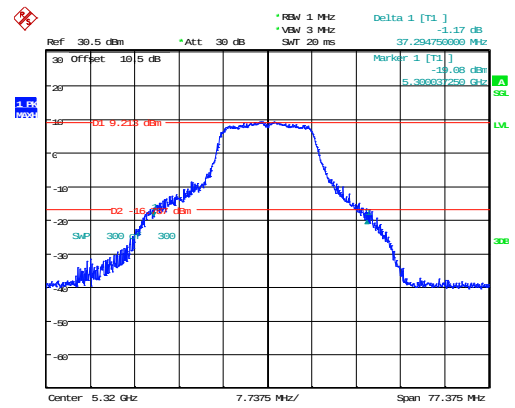
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802.11a_5280MHz_Chain 1 22.597MHz



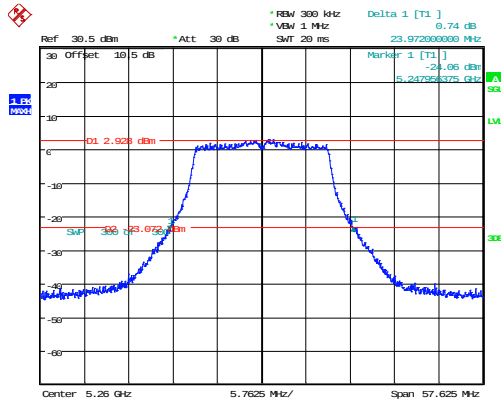
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802.11a_5320MHz_Chain 1 37.295MHz



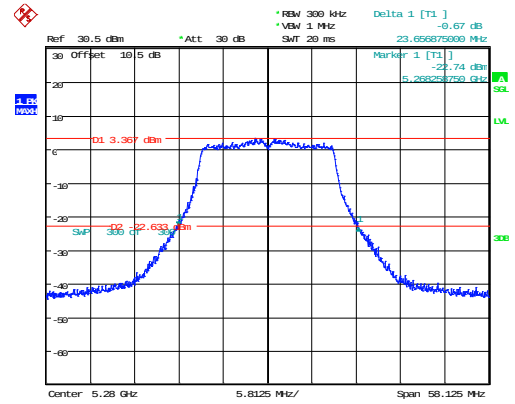
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802.11n20_5260MHz_Chain 0 23.972MHz



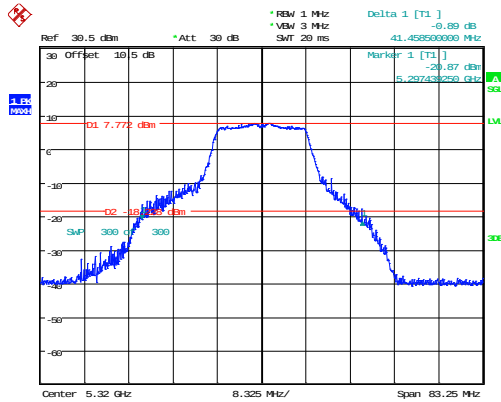
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802.11n20_5280MHz_Chain 0 23.657MHz



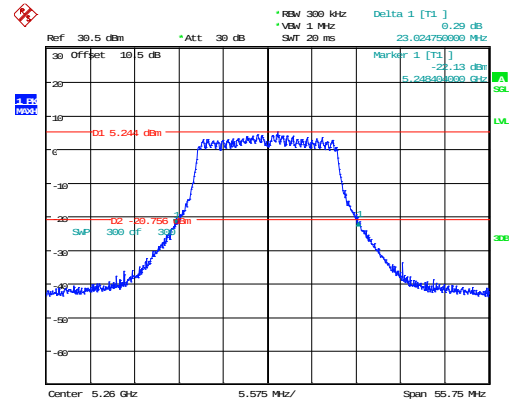
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802.11n20_5320MHz_Chain 0 41.459MHz



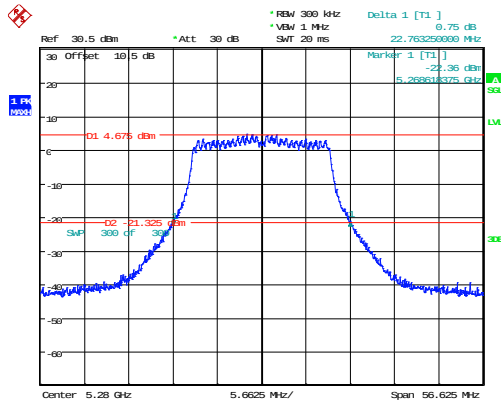
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802.11n20_5260MHz_Chain 1 23.025MHz



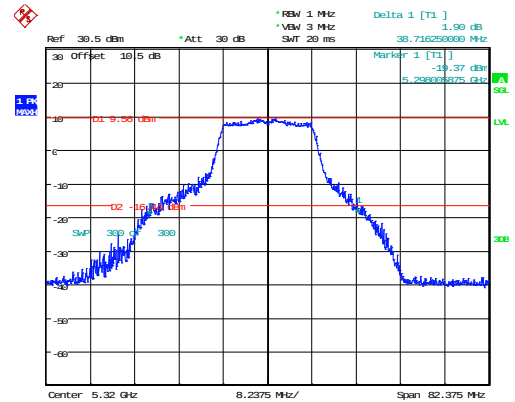
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802.11n20_5280MHz_Chain 1 22.763MHz



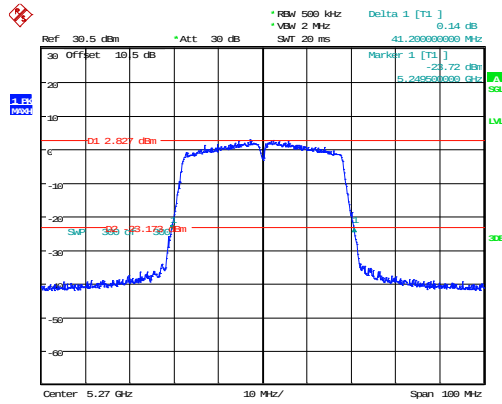
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
 Date: 23.DEC.2024 20:33:11

802.11n20_5320MHz_Chain 1 38.716MHz



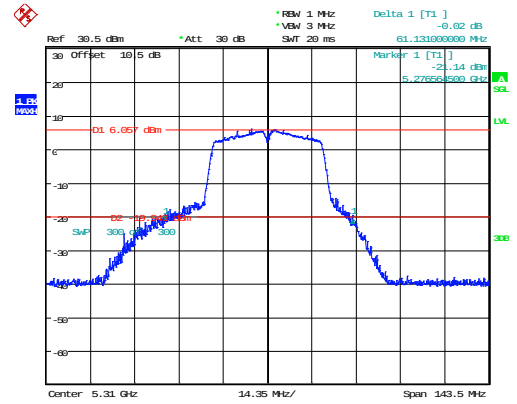
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 Date: 23.DEC.2024 20:35:15

802.11n40_5270MHz_Chain 0 41.200MHz



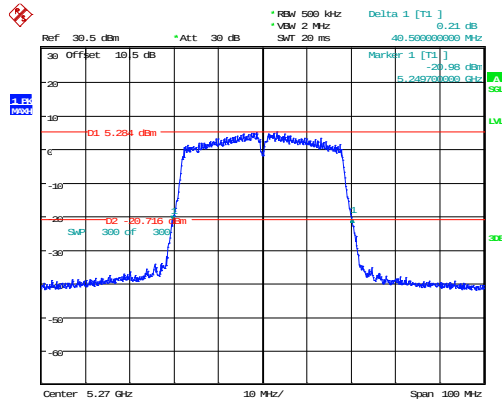
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Date: 9.DEC.2024 22:43:49

802.11n40_5310MHz_Chain 0 61.131MHz



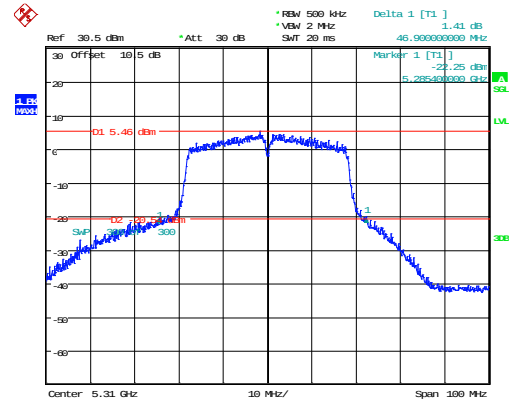
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Date: 9.DEC.2024 22:46:21

802.11n40_5270MHz_Chain 1 40.500MHz



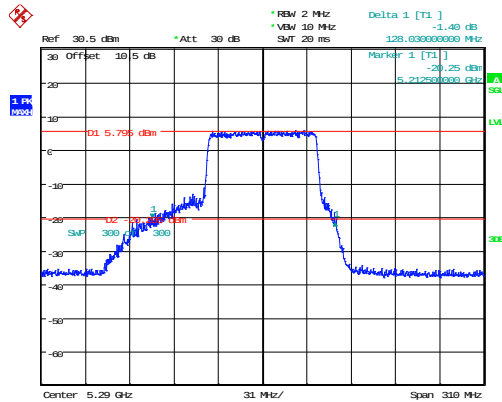
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Date: 23.DEC.2024 20:37:24

802.11n40_5310MHz_Chain 1 46.900MHz



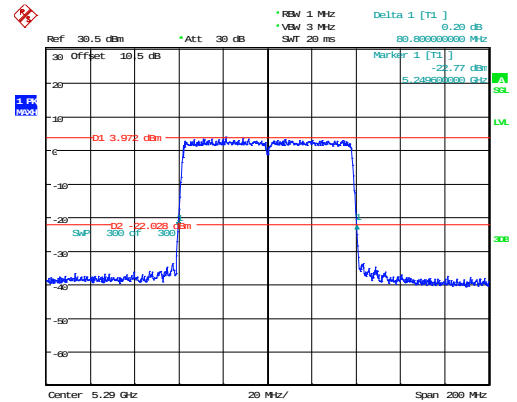
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Date: 23.DEC.2024 20:39:16

802.11ac80_5290MHz_Chain 0 128.030MHz



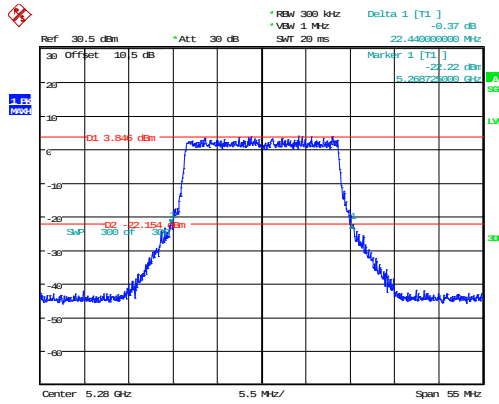
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Date: 9.DEC.2024 23:07:35

802.11ac80_5290MHz_Chain 1 80.800MHz



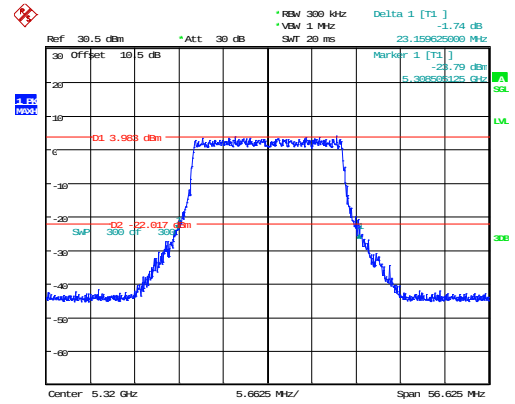
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Date: 23.DEC.2024 20:41:36

802.11ax20_5280MHz_RU_Full_Chain 1 22.440MHz



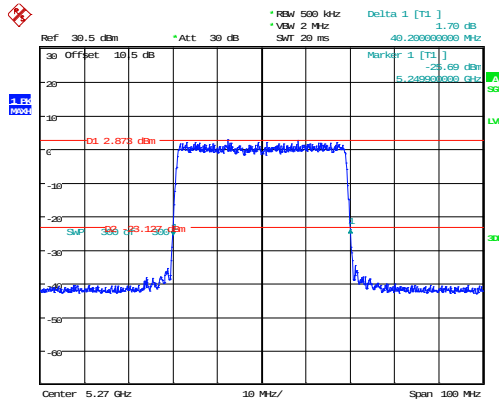
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Date: 25.DEC.2024 19:50:11

802.11ax20_5320MHz_RU_Full_Chain 1 23.160MHz



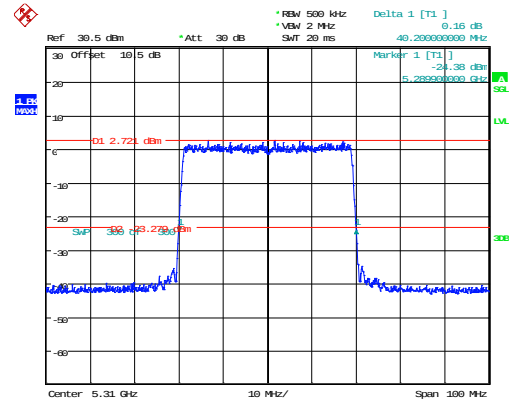
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Date: 25.DEC.2024 19:51:37

802.11ax40_5270MHz_RU_Full_Chain 0 40.200MHz



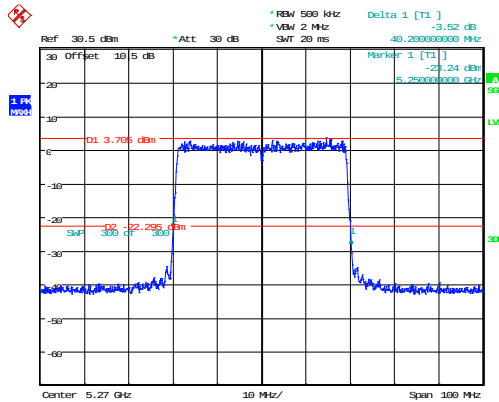
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802.11ax40_5310MHz_RU_Full_Chain 0 40.200MHz



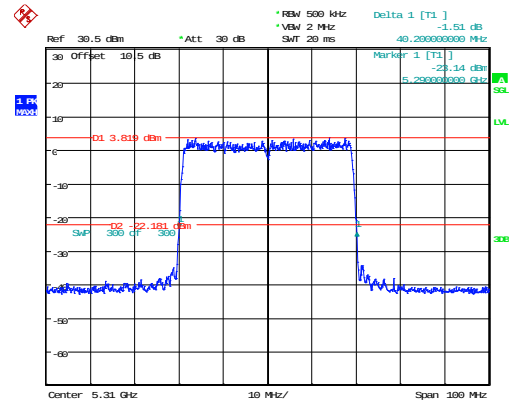
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802.11ax40_5270MHz_RU_Full_Chain 1 40.200MHz



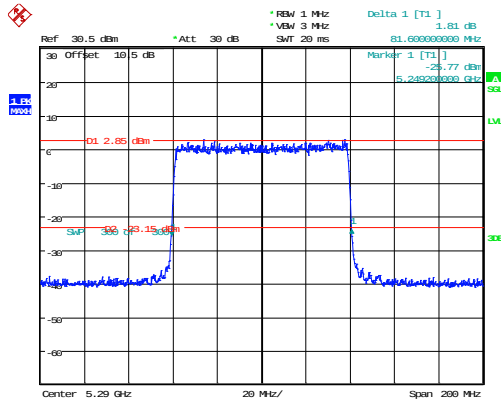
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802.11ax40_5310MHz_RU_Full_Chain 1 40.200MHz



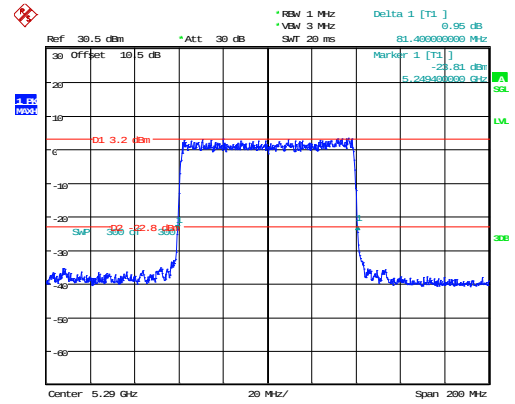
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Date: 25.DEC.2024 19:54:34

802.11ax80_5290MHz_RU_Full_Chain 0 81.600MHz



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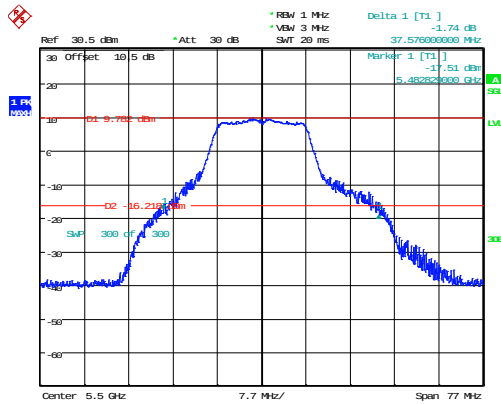
802.11ax80_5290MHz_RU_Full_Chain 1 81.400MHz



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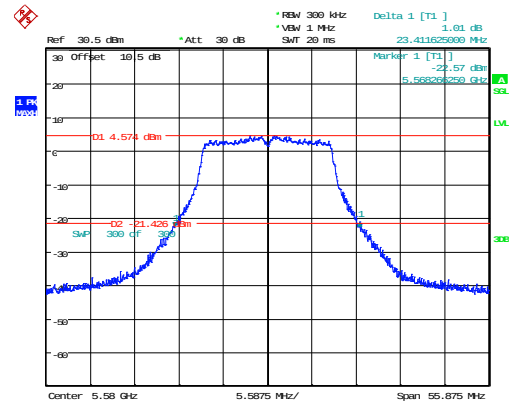
5470-5725MHz

802.11a_5500MHz_Chain 0 37.576MHz



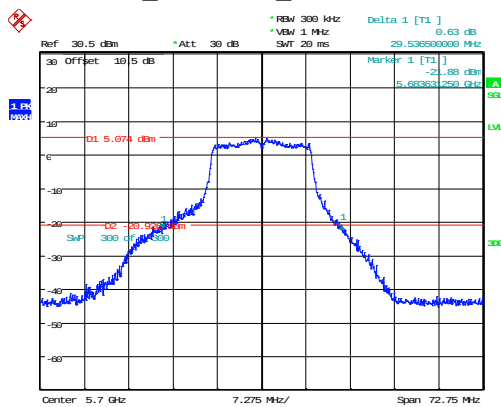
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Date: 9.DEC.2024 21:53:39

802.11a_5580MHz_Chain 0 23.412MHz



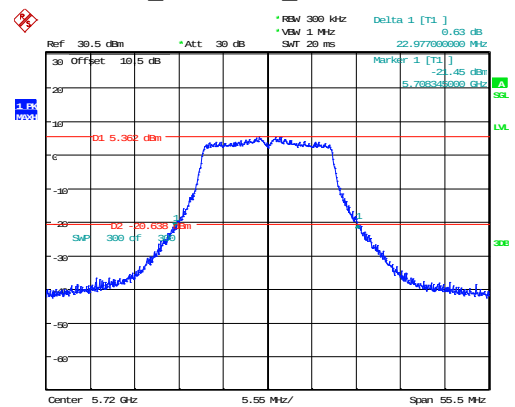
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Date: 9.DEC.2024 21:55:36

802.11a_5700MHz_Chain 0 29.536MHz



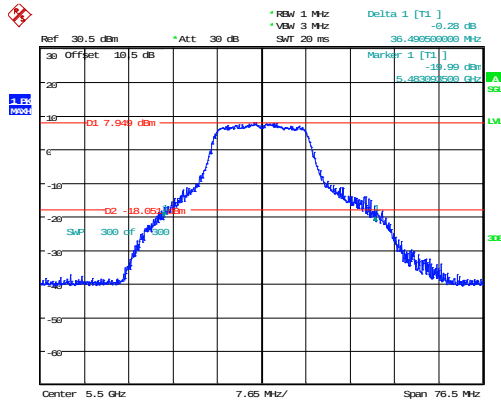
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Date: 9.DEC.2024 21:57:38

802.11a_5720MHz_Chain 0 22.977MHz



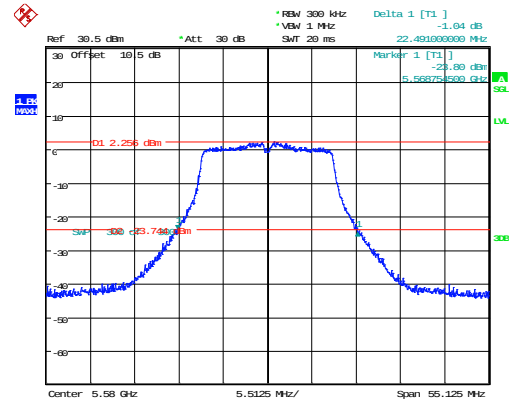
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Date: 9.DEC.2024 21:59:47

802.11a_5500MHz_Chain 1 36.491MHz



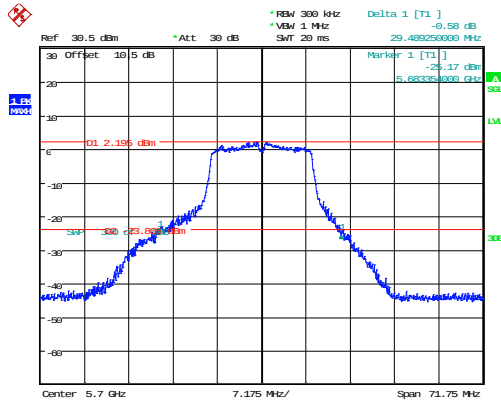
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802.11a_5580MHz_Chain 1 22.491MHz



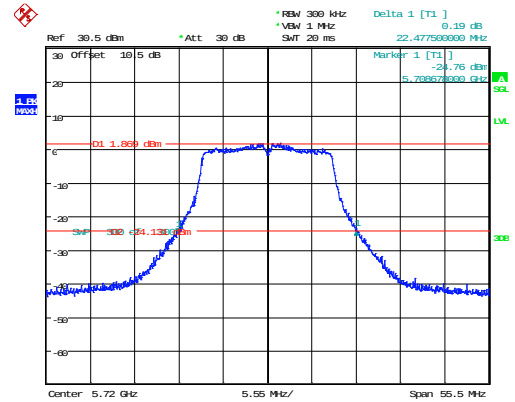
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802.11a_5700MHz_Chain 1 29.489MHz



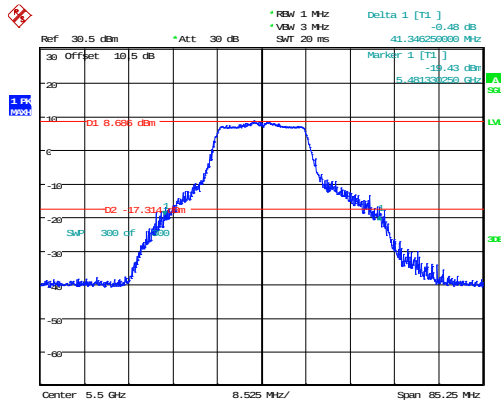
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802.11a_5720MHz_Chain 1 22.478MHz



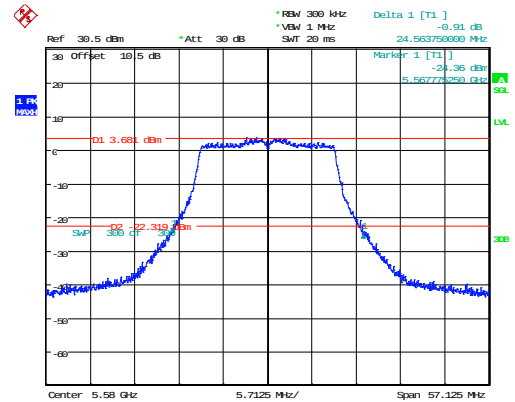
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Date: 23.DEC.2024 20:53:47

802.11n20_5500MHz_Chain 0 41.346MHz



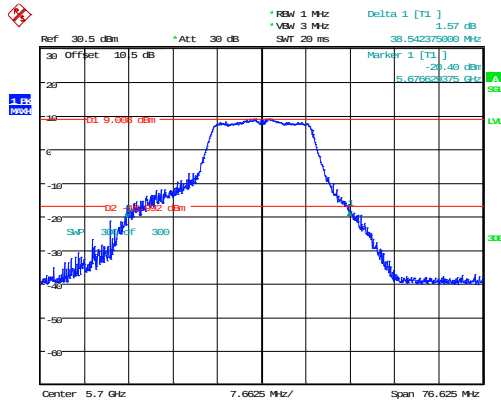
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802.11n20_5580MHz_Chain 0 24.564MHz



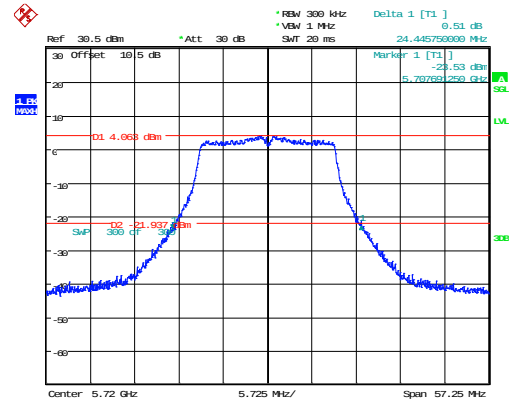
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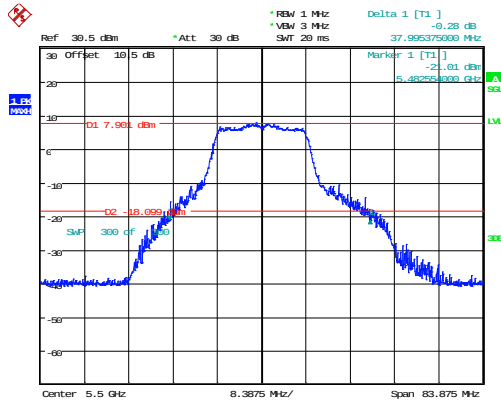
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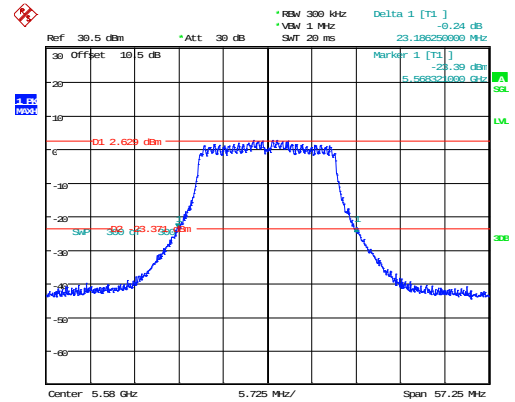
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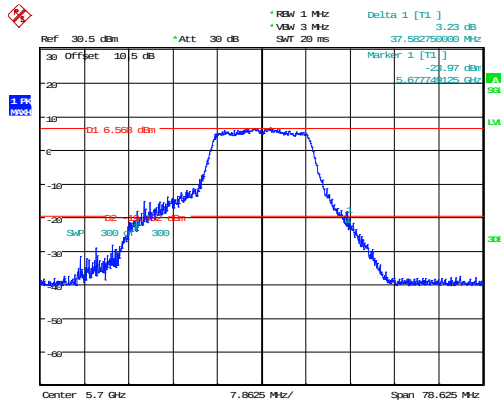
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802.11n20_5580MHz_Chain 1 23.186MHz



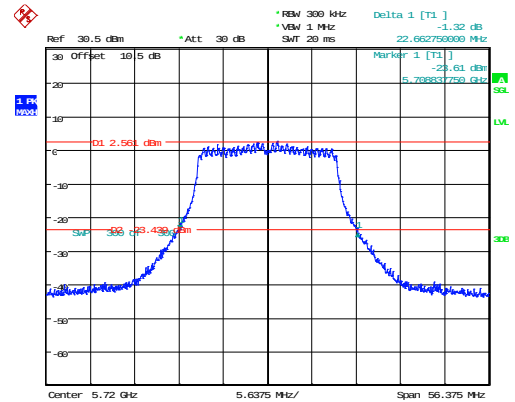
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802.11n20_5700MHz_Chain 1 37.583MHz



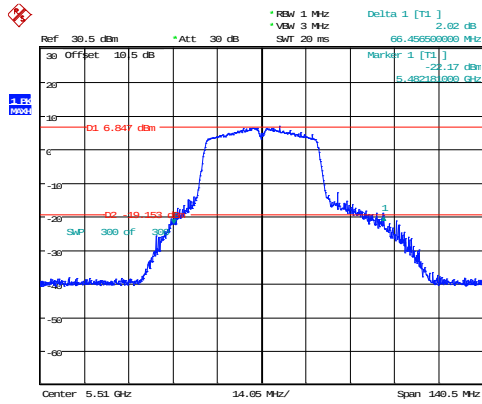
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802.11n20_5720MHz_Chain 1 22.663MHz



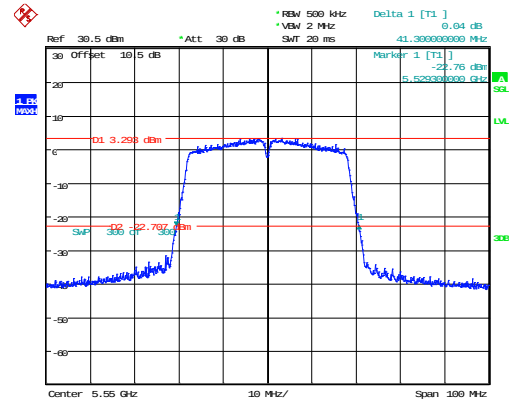
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Date: 23.DEC.2024 21:02:18

802.11n40_5510MHz_Chain 0 66.457MHz



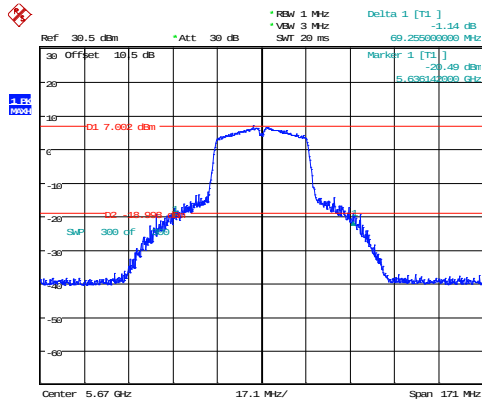
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802.11n40_5550MHz_Chain 0 41.300MHz



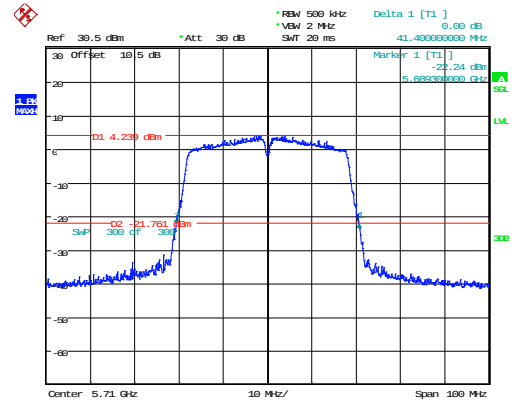
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Date: 9.DEC.2024 22:53:29

802.11n40_5670MHz_Chain 0 69.255MHz



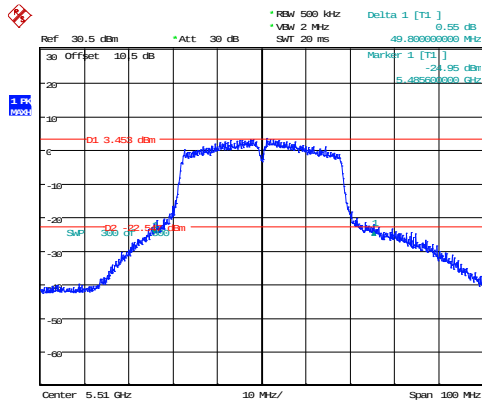
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Date: 9.DEC.2024 22:56:04

802.11n40_5710MHz_Chain 0 41.400MHz



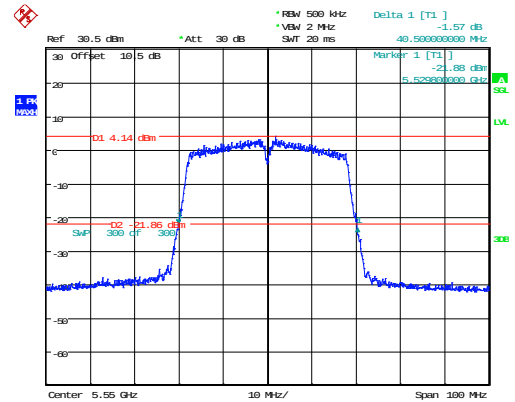
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Date: 9.DEC.2024 22:57:48

802.11n40_5510MHz_Chain 1 49.800MHz



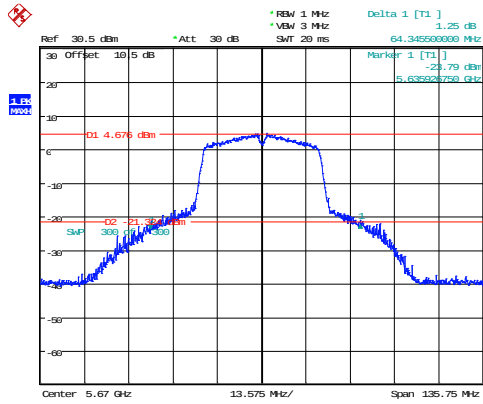
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802.11n40_5550MHz_Chain 1 40.500MHz



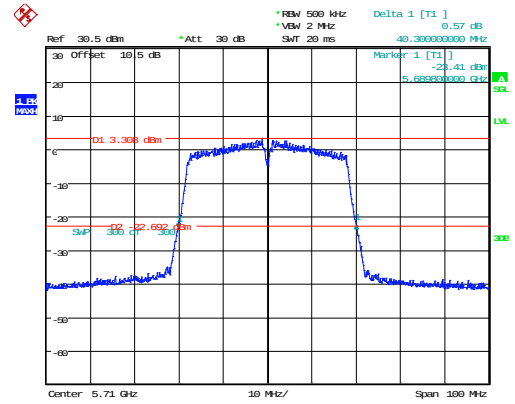
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Date: 23.DEC.2024 21:06:30

802.11n40_5670MHz_Chain 1 64.346MHz



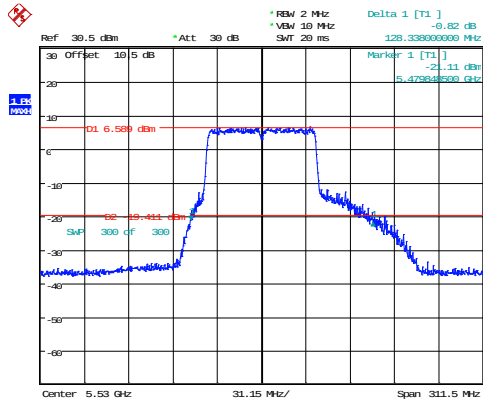
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Date: 23.DEC.2024 21:09:03

802.11n40_5710MHz_Chain 1 40.300MHz



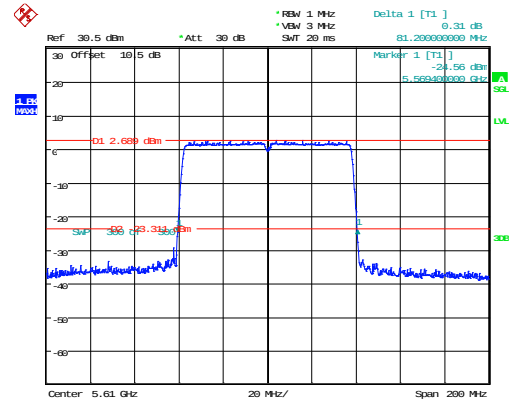
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Date: 23.DEC.2024 21:12:43

802.11ac80_5530MHz_Chain 0 128.338MHz



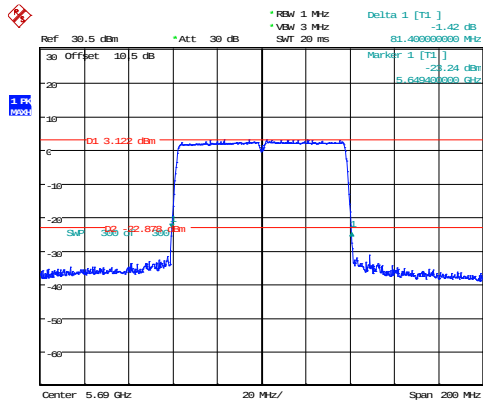
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Date: 9.DEC.2024 23:11:16

802.11ac80_5610MHz_Chain 0 81.200MHz



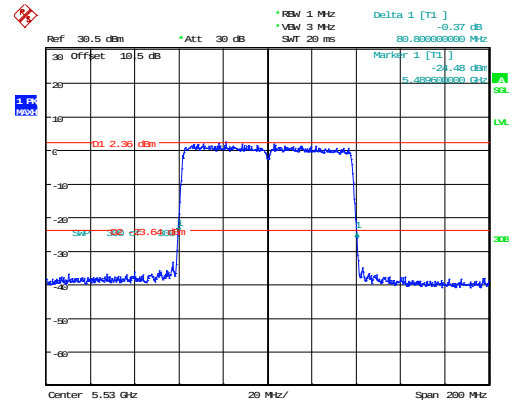
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Date: 9.DEC.2024 23:13:03

802.11ac80_5690MHz_Chain 0 81.400MHz



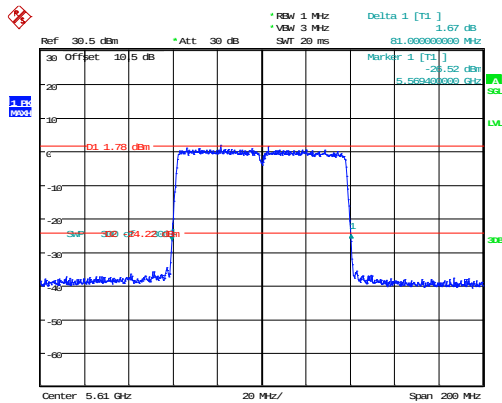
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802.11ac80_5530MHz_Chain 1 80.800MHz



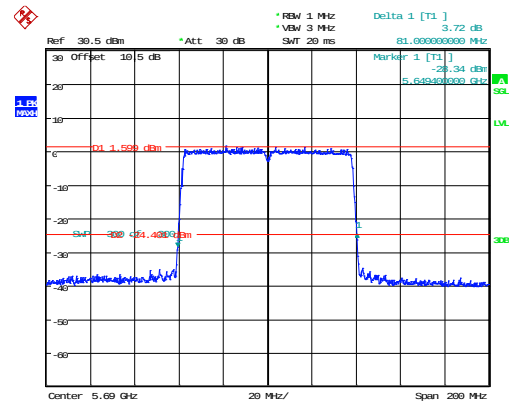
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802.11ac80_5610MHz_Chain 1 81MHz



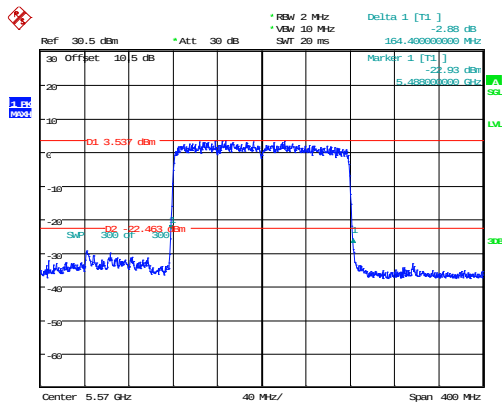
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802.11ac80_5690MHz_Chain 1 81MHz



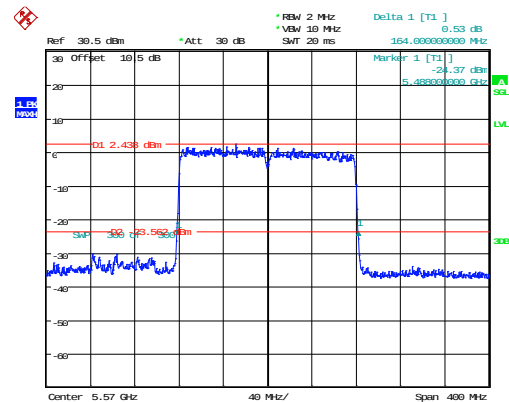
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802.11ax160_5570MHz_RU_Full_Chain 0 164.400MHz



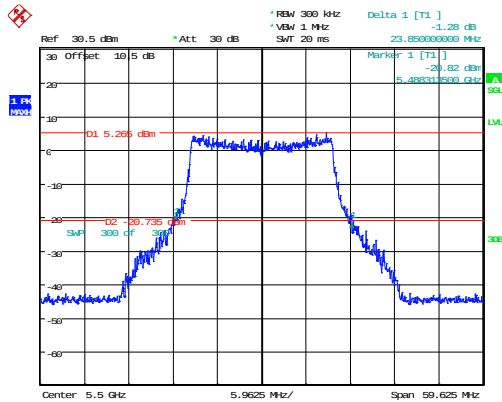
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802.11ax160_5570MHz_RU_Full_Chain 1 164MHz



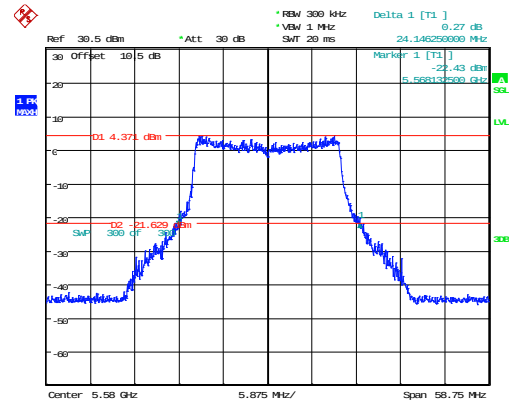
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Date: 25.DEC.2024 17:11:18

802.11ax20_5500MHz_RU_Full_Chain 0 23.850MHz



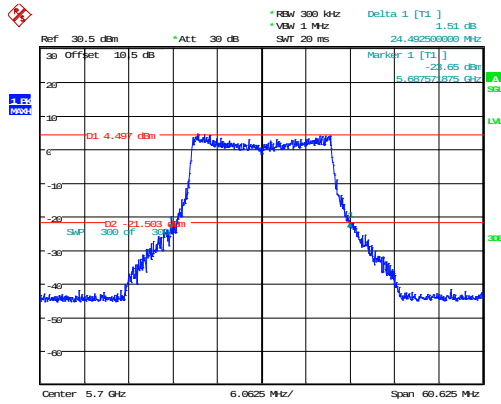
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802.11ax20_5580MHz_RU_Full_Chain 0 24.146MHz



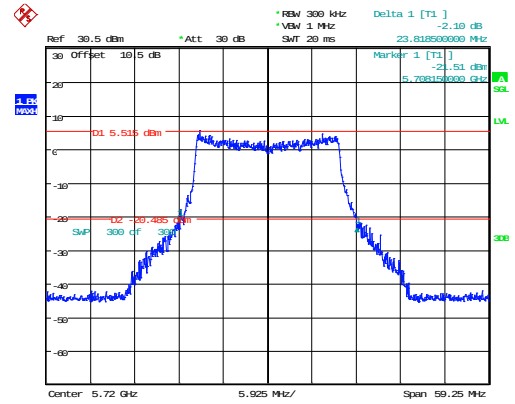
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802.11ax20_5700MHz_RU_Full_Chain 0 24.493MHz



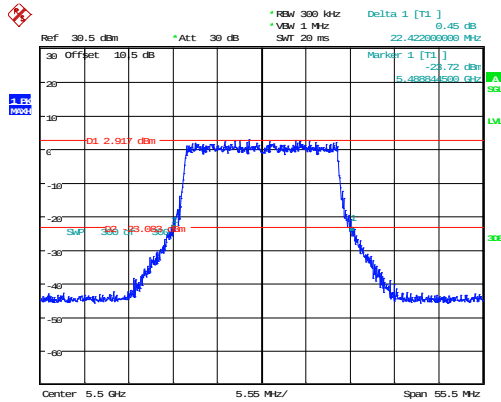
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802.11ax20_5720MHz_RU_Full_Chain 0 23.819MHz



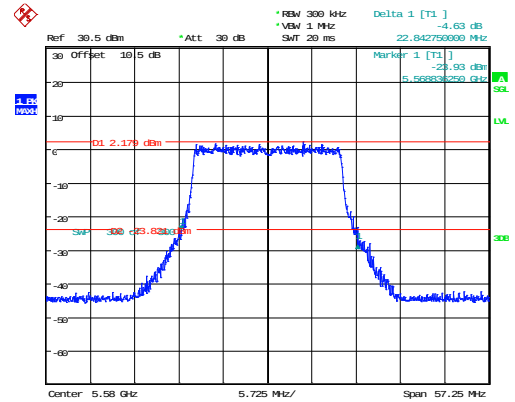
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802.11ax20_5500MHz_RU_Full_Chain 1 22.422MHz



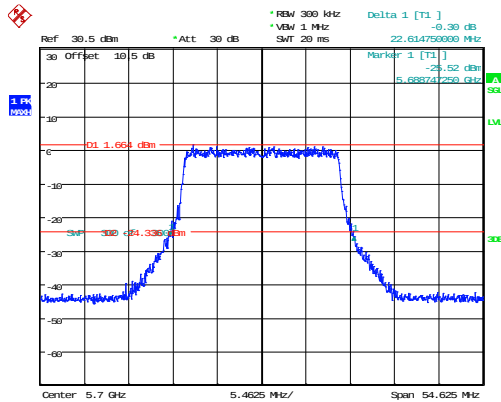
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Date: 25.DEC.2024 19:56:17

802.11ax20_5580MHz_RU_Full_Chain 1 22.843MHz



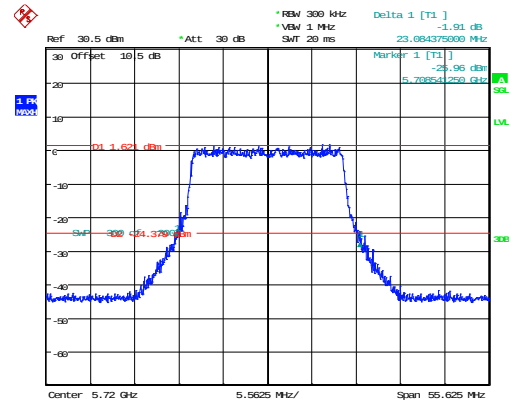
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802.11ax20_5700MHz_RU_Full_Chain 1 22.615MHz



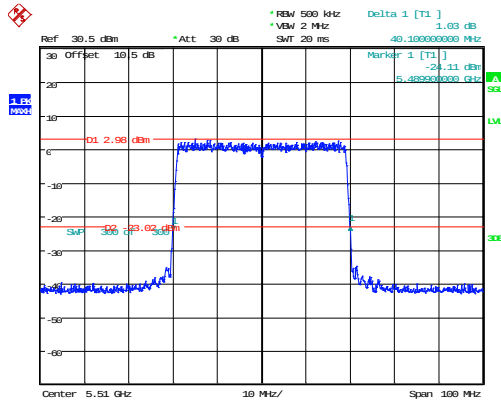
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802.11ax20_5720MHz_RU_Full_Chain 1 23.084MHz



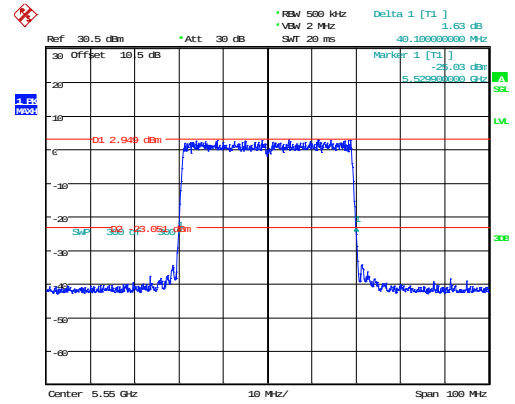
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Date: 25.DEC.2024 20:01:04

802.11ax40_5510MHz_RU_Full_Chain 0 40.100MHz



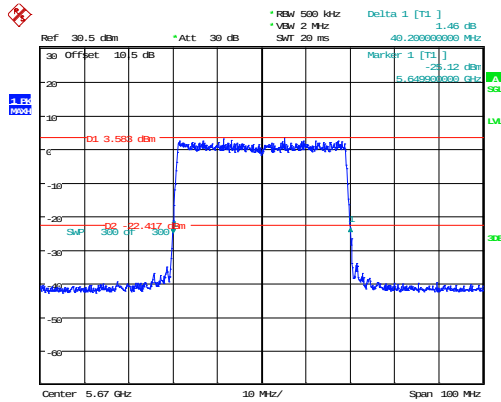
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Date: 24.DEC.2024 19:21:41

802.11ax40_5550MHz_RU_Full_Chain 0 40.100MHz



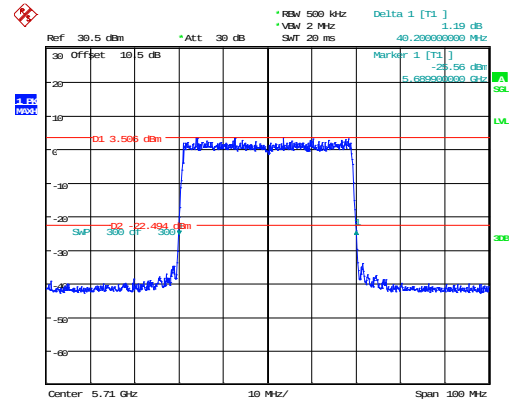
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802.11ax40_5670MHz_RU_Full_Chain 0 40.200MHz



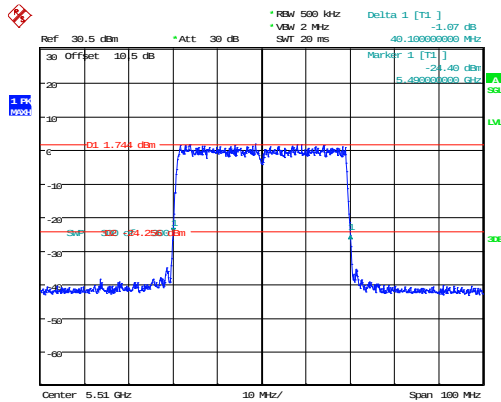
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:25:04

802.11ax40_5710MHz_RU_Full_Chain 0 40.200MHz



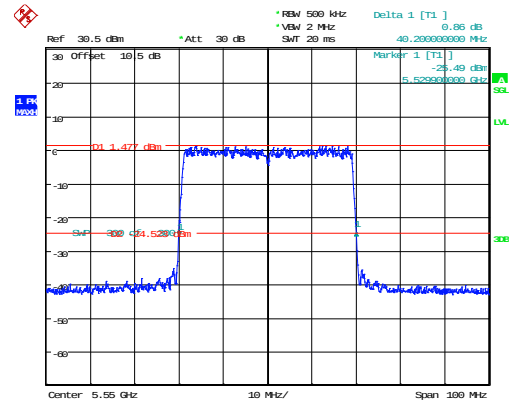
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:26:47

802.11ax40_5510MHz_RU_Full_Chain 1 40.100MHz



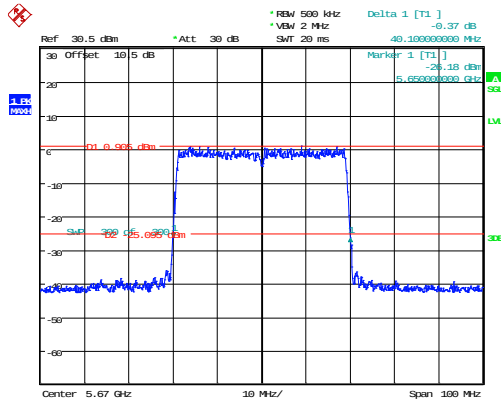
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:02:23

802.11ax40_5550MHz_RU_Full_Chain 1 40.200MHz



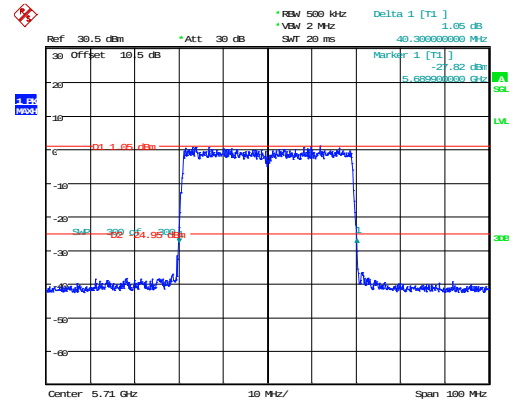
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:03:47

802.11ax40_5670MHz_RU_Full_Chain 1 40.100MHz



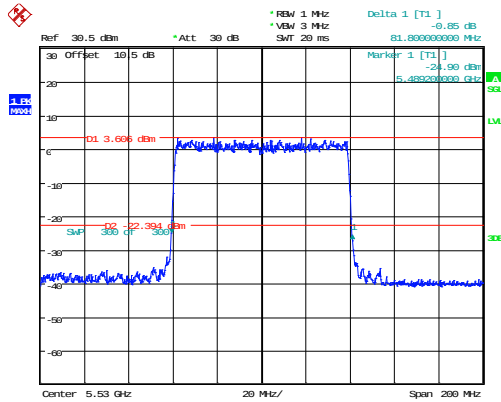
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Date: 25.DEC.2024 20:05:24

802.11ax40_5710MHz_RU_Full_Chain 1 40.300MHz



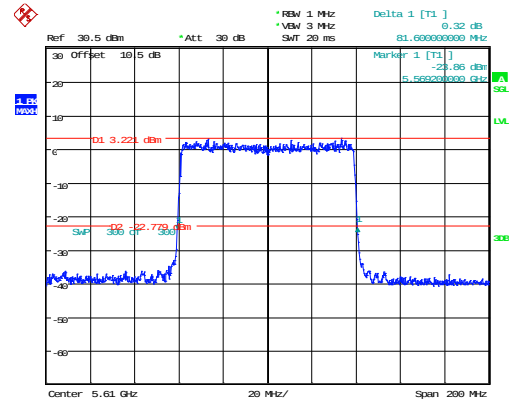
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802.11ax80_5530MHz_RU_Full_Chain 0 81.800MHz



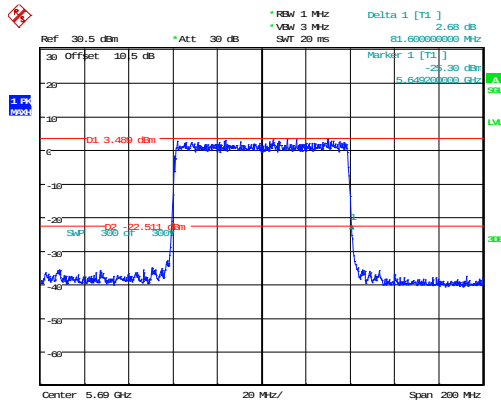
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Date: 24.DEC.2024 19:28:32

802.11ax80_5610MHz_RU_Full_Chain 0 81.600MHz



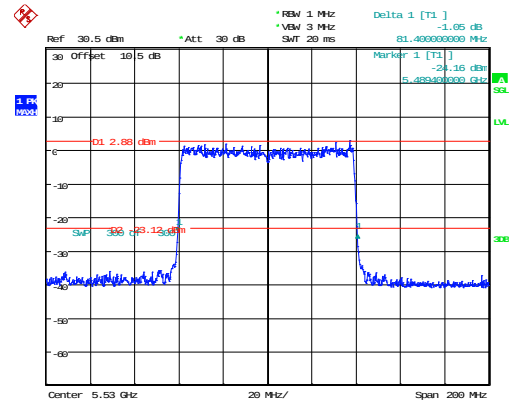
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Date: 24.DEC.2024 19:31:46

802.11ax80_5690MHz_RU_Full_Chain 0 81.600MHz



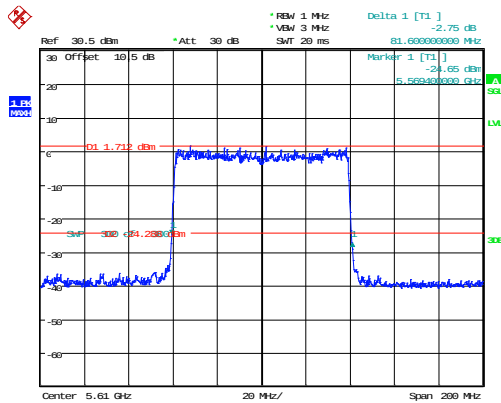
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Date: 24.DEC.2024 19:33:40

802.11ax80_5530MHz_RU_Full_Chain 1 81.400MHz



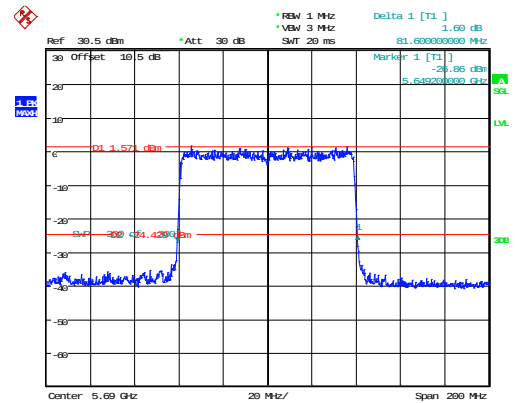
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 17:03:33

802.11ax80_5610MHz_RU_Full_Chain 1 81.600MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 17:05:19

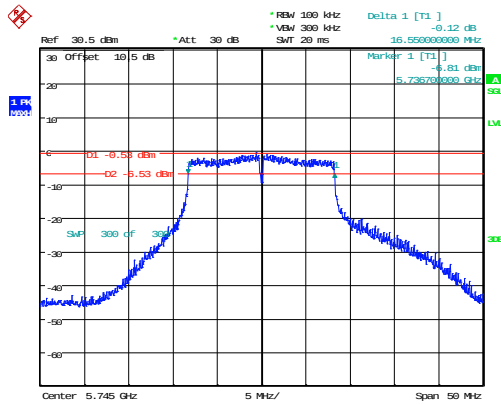
802.11ax80_5690MHz_RU_Full_Chain 1 81.600MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 17:07:01

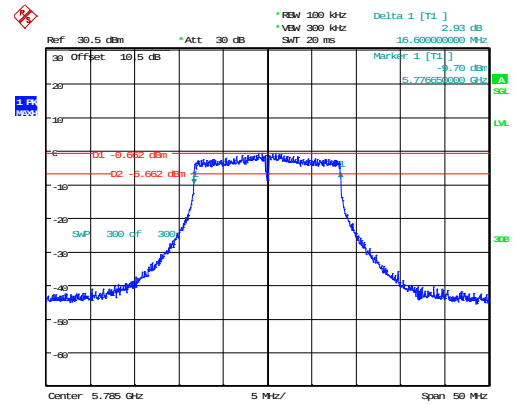
5725-5850MHz

802.11a_5745MHz_Chain 0 16.550MHz



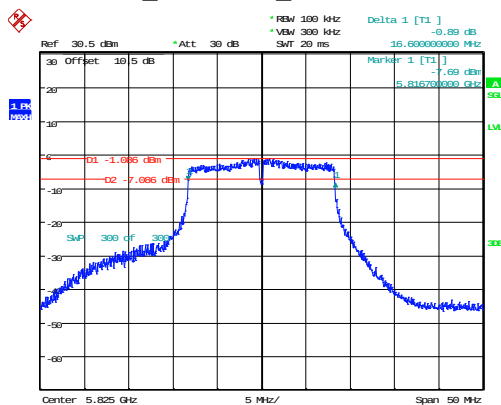
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Date: 9.DEC.2024 22:01:18

802.11a_5785MHz_Chain 0 16.600MHz



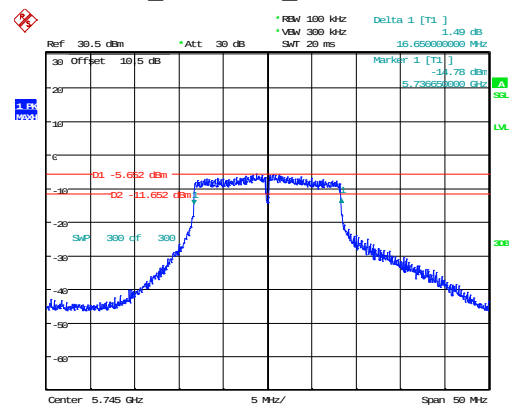
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 22:02:48

802.11a_5825MHz_Chain 0 16.600MHz



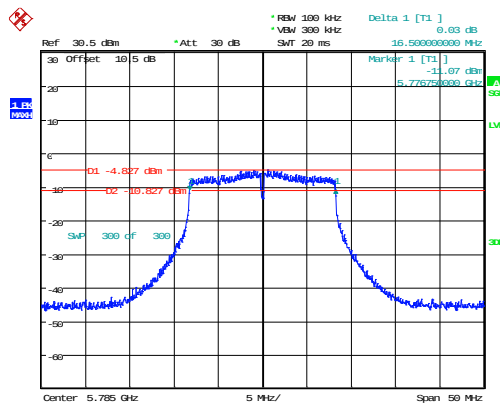
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802.11a_5745MHz_Chain 1 16.650MHz



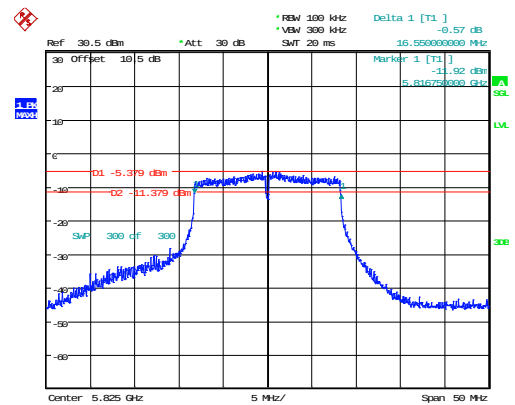
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802.11a_5785MHz_Chain 1 16.500MHz



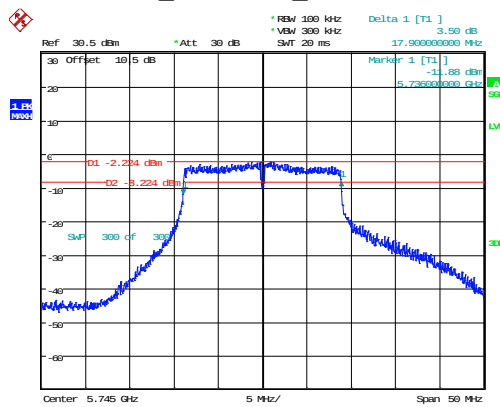
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Date: 23.DEC.2024 21:24:20

802.11a_5825MHz_Chain 1 16.550MHz



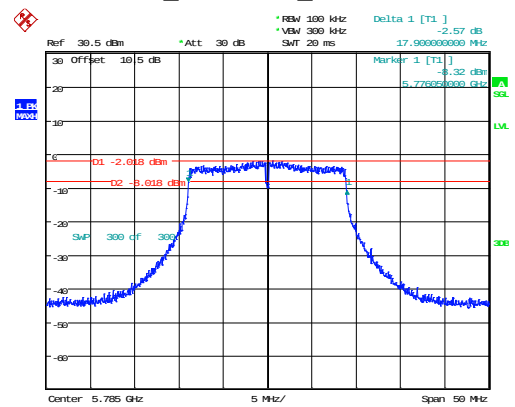
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Date: 23.DEC.2024 21:28:33

802.11n20_5745MHz_Chain 0 17.900MHz



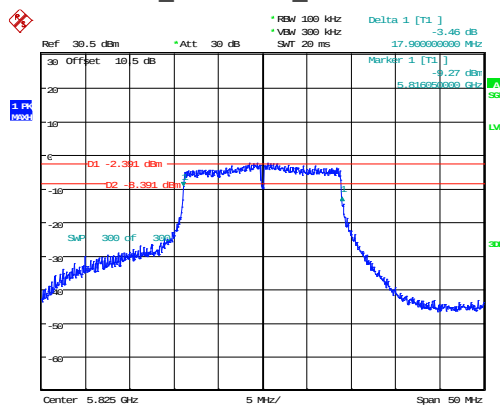
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Date: 9.DEC.2024 22:33:45

802.11n20_5785MHz_Chain 0 17.900MHz



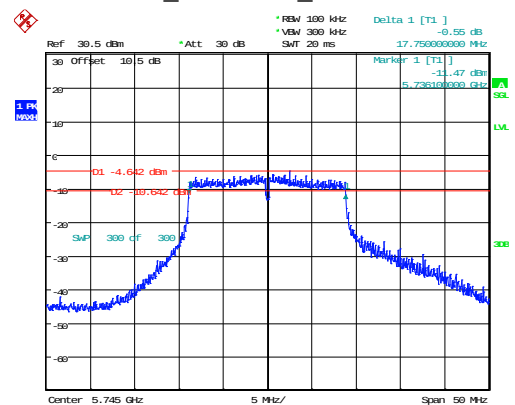
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802.11n20_5825MHz_Chain 0 17.900MHz



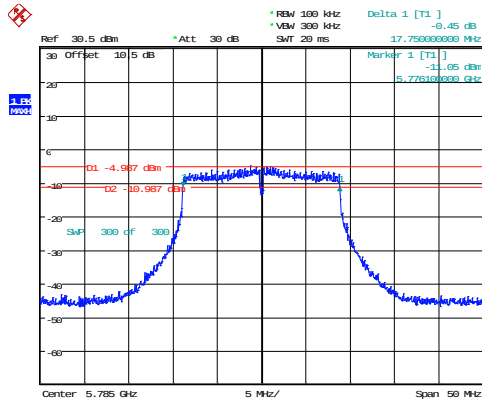
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Date: 9.DEC.2024 22:36:35

802.11n20_5745MHz_Chain 1 17.750MHz



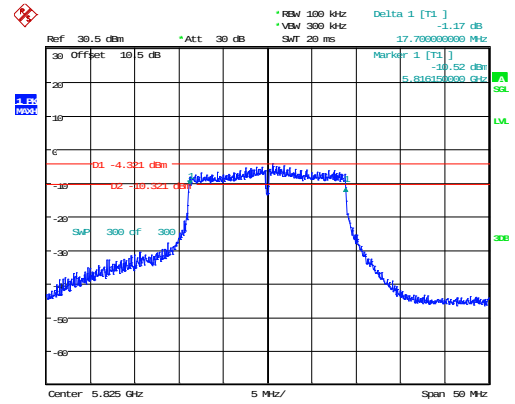
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802.11n20_5785MHz_Chain 1 17.750MHz



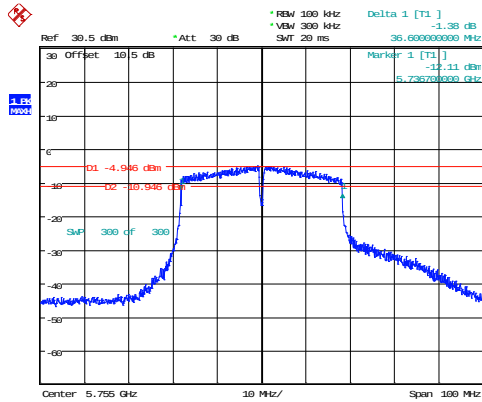
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Date: 23.DEC.2024 21:31:48

802.11n20_5825MHz_Chain 1 17.700MHz



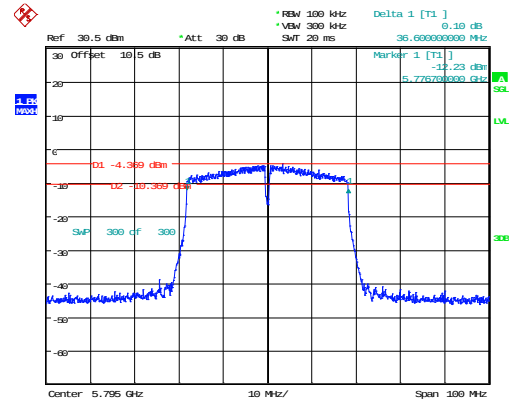
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Date: 23.DEC.2024 21:33:27

802.11n40_5755MHz_Chain 0 36.600MHz



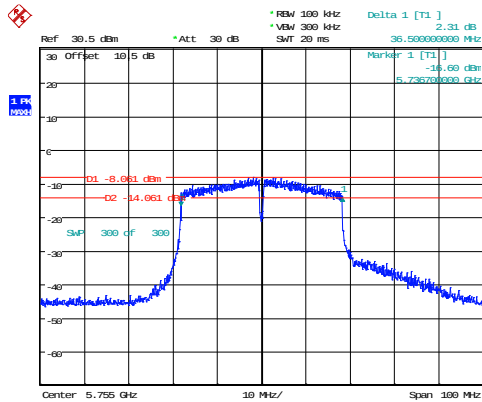
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Date: 9.DEC.2024 22:59:35

802.11n40_5795MHz_Chain 0 36.600MHz



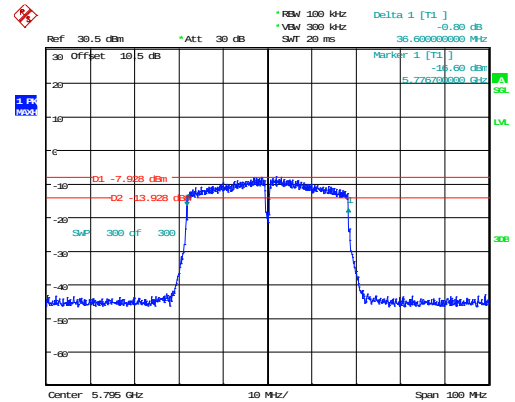
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Date: 9.DEC.2024 23:01:22

802.11n40_5755MHz_Chain 1 36.500MHz



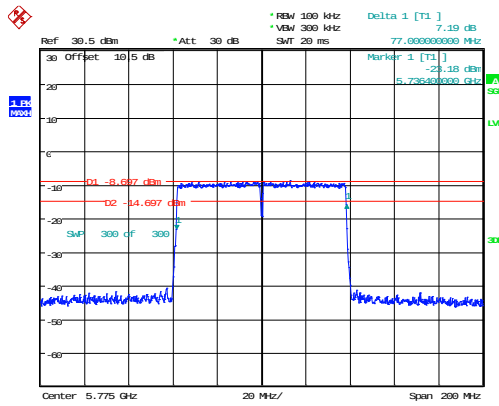
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Date: 23.DEC.2024 21:36:42

802.11n40_5795MHz_Chain 1 36.600MHz



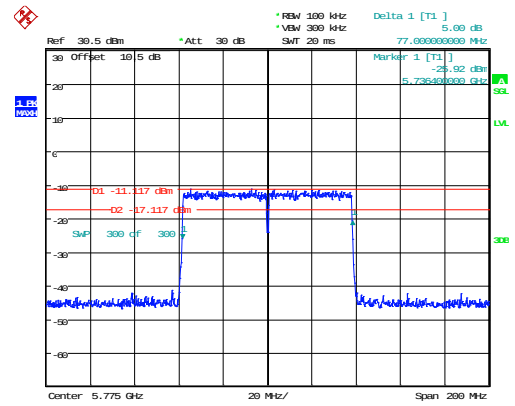
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:38:42

802.11ac80_5775MHz_Chain 0 77MHz



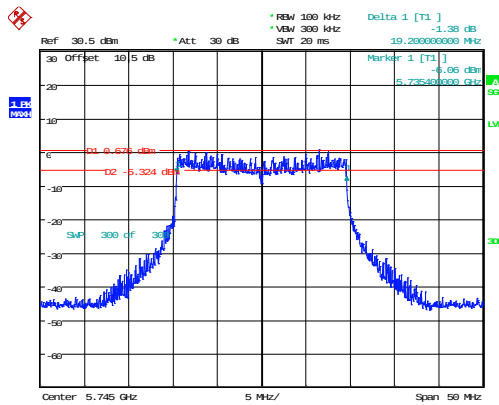
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802.11ac80_5775MHz_Chain 1 77MHz



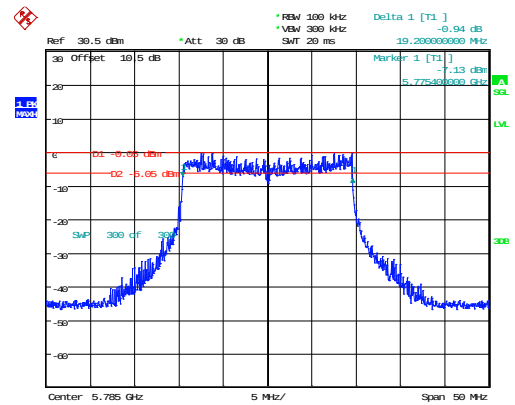
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Date: 23.DEC.2024 21:46:30

802.11ax20_5745MHz_RU_Full_Chain 0 19.200MHz



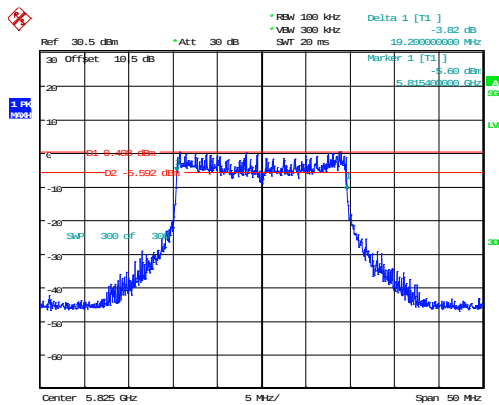
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802.11ax20_5785MHz_RU_Full_Chain 0 19.200MHz



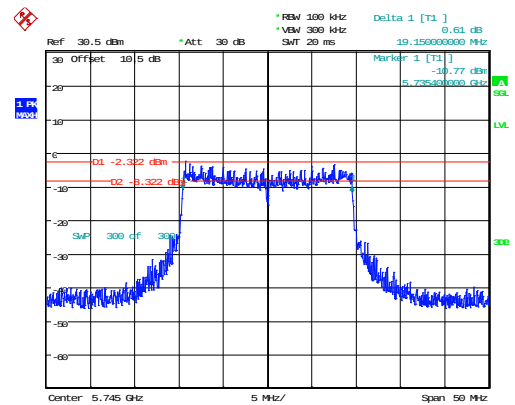
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Date: 24.DEC.2024 19:45:37

802.11ax20_5825MHz_RU_Full_Chain 0 19.200MHz



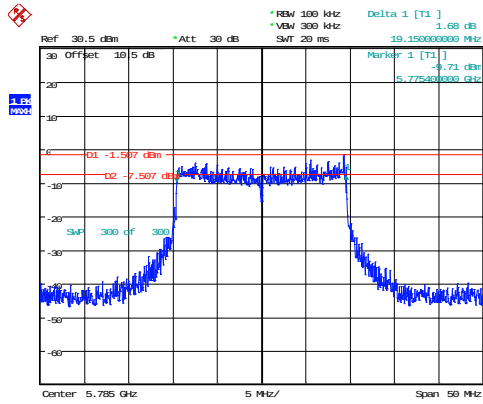
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Date: 24.DEC.2024 19:47:02

802.11ax20_5745MHz_RU_Full_Chain 1 19.150MHz



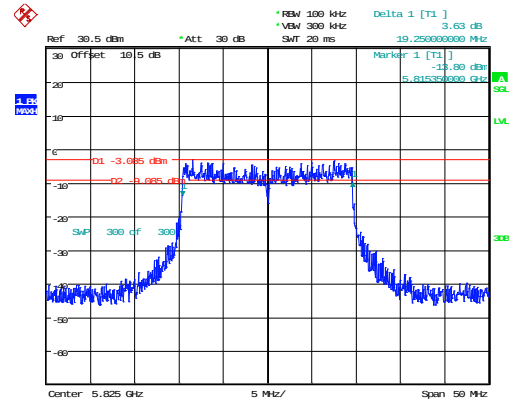
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Date: 24.DEC.2024 23:36:59

802.11ax20_5785MHz_RU_Full_Chain 1 19.150MHz



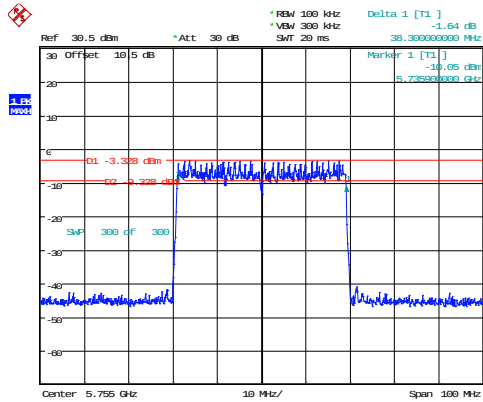
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Date: 24.DEC.2024 23:38:35

802.11ax20_5825MHz_RU_Full_Chain 1 19.250MHz



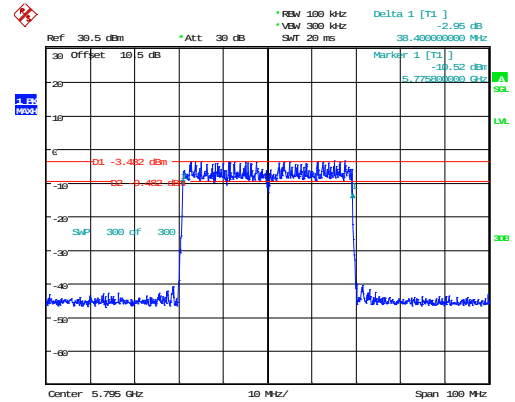
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 23:40:30

802.11ax40_5755MHz_RU_Full_Chain 0 38.300MHz



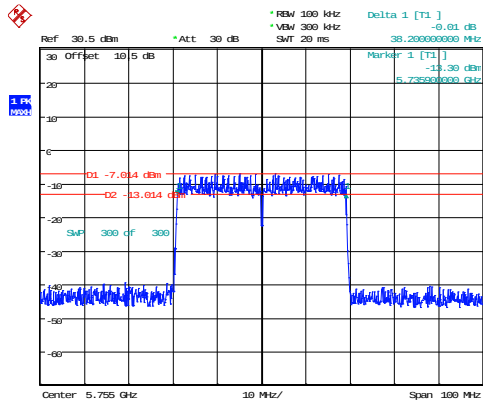
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Date: 24.DEC.2024 19:48:38

802.11ax40_5795MHz_RU_Full_Chain 0 38.400MHz



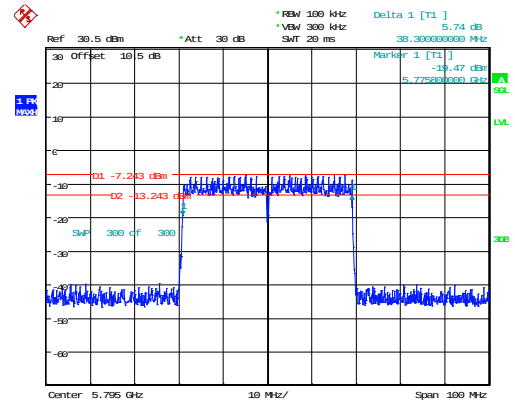
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Date: 24.DEC.2024 19:50:49

802.11ax40_5755MHz_RU_Full_Chain 1 38.200MHz



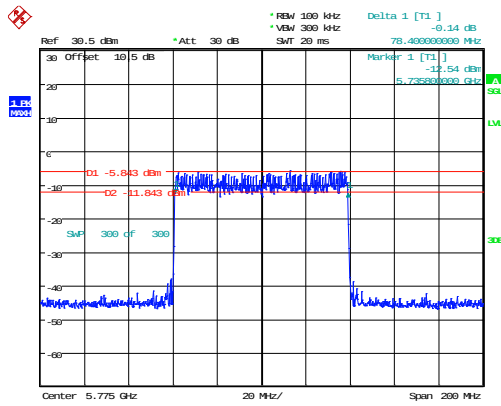
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802.11ax40_5795MHz_RU_Full_Chain 1 38.300MHz



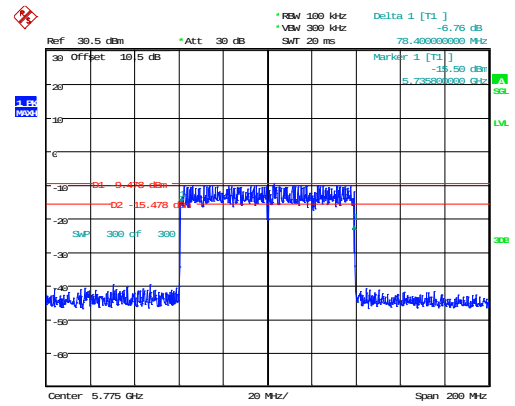
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 23:45:23

802.11ax80_5775MHz_RU_Full_Chain 0 78.400MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:53:45

802.11ax80_5775MHz_RU_Full_Chain 1 78.400MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 23:50:21

99% Occupied Bandwidth**5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5180	17.850
		5200	17.950
		5240	16.750
	Chain 1	5180	19.900
		5200	17.850
		5240	16.700
802.11n20	Chain 0	5180	18.900
		5200	19.050
		5240	17.950
	Chain 1	5180	19.050
		5200	19.150
		5240	17.800
802.11n40	Chain 0	5190	36.800
		5230	36.300
	Chain 1	5190	36.400
		5230	36.100
802.11ac80	Chain 0	5210	76.800
	Chain 1	5210	76
802.11ax20_RU_Full	Chain 0	5180	19.200
		5200	19.200
		5240	19.250
	Chain 1	5180	19.100
		5200	19.100
		5240	19.050
802.11ax40_RU_Full	Chain 0	5190	38
		5230	38
	Chain 1	5190	37.900
		5230	37.900
802.11ax80_RU_Full	Chain 0	5210	77.600
	Chain 1	5210	77.800

Note:

The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5260	16.750
		5280	16.750
		5320	17.750
	Chain 1	5260	16.700
		5280	16.700
		5320	17.600
802.11n20	Chain 0	5260	17.950
		5280	17.900
		5320	18.950
	Chain 1	5260	17.800
		5280	17.800
		5320	18.950
802.11n40	Chain 0	5270	36.300
		5310	36.900
	Chain 1	5270	36
		5310	36.300
802.11ac80	Chain 0	5290	76.600
	Chain 1	5290	76
802.11ax20_RU_Full	Chain 0	5260	19.250
		5280	19.250
		5320	19.250
	Chain 1	5260	19.050
		5280	19.050
		5320	19.050
802.11ax40_RU_Full	Chain 0	5270	38
		5310	37.900
	Chain 1	5270	37.900
		5310	37.900
802.11ax80_RU_Full	Chain 0	5290	77.800
	Chain 1	5290	77.600
802.11ax160_RU_Full	Chain 0	5250	156.400
	Chain 1	5250	156.800

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5500	17.750
		5580	16.700
		5700	17.350
		5720	16.750
	Chain 1	5500	17.650
		5580	16.700
		5700	17.350
		5720	16.700
802.11n20	Chain 0	5500	18.850
		5580	17.950
		5700	18.550
		5720	17.900
	Chain 1	5500	18.850
		5580	17.850
		5700	18.750
		5720	17.800
802.11n40	Chain 0	5510	36.800
		5550	36.400
		5670	37
		5710	36.400
	Chain 1	5510	36.400
		5550	36.100
		5670	36.500
		5710	36.100
802.11ac80	Chain 0	5530	76.600
		5610	76
		5690	76
	Chain 1	5530	76
		5610	76
		5690	76
802.11ax20_RU_Full	Chain 0	5500	19.250
		5580	19.250
		5700	19.250

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11ax20_RU_Full	Chain 0	5720	19.200
	Chain 1	5500	19.100
		5580	19.050
		5700	19.100
		5720	19.050
802.11ax40_RU_Full	Chain 0	5510	37.900
		5550	37.900
		5670	38
		5710	38
	Chain 1	5510	37.900
		5550	37.900
		5670	37.900
		5710	38
802.11ax80_RU_Full	Chain 0	5530	77.600
		5610	77.600
		5690	77.600
	Chain 1	5530	77.600
		5610	77.600
		5690	77.600
802.11ax160_RU_Full	Chain 0	5570	156.400
	Chain 1	5570	157.200

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5745	17.400
		5785	16.750
		5825	16.850
	Chain 1	5745	17.300
		5785	16.700
		5825	16.750
802.11n20	Chain 0	5745	18.450
		5785	17.900
		5825	18.050
	Chain 1	5745	18.550

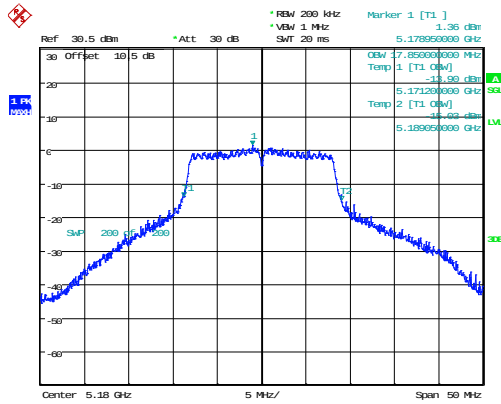
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11n20	Chain 1	5785	17.800
		5825	17.950
802.11n40	Chain 0	5755	36.700
		5795	36.400
	Chain 1	5755	36.300
		5795	36.100
802.11ac80	Chain 0	5775	76
	Chain 1	5775	76
802.11ax20_RU_Full	Chain 0	5745	19.250
		5785	19.250
		5825	19.250
	Chain 1	5745	19.200
		5785	19.200
		5825	19.200
802.11ax40_RU_Full	Chain 0	5755	37.900
		5795	38
	Chain 1	5755	37.900
		5795	38
802.11ax80_RU_Full	Chain 0	5775	77.800
	Chain 1	5775	77.600

Note:

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

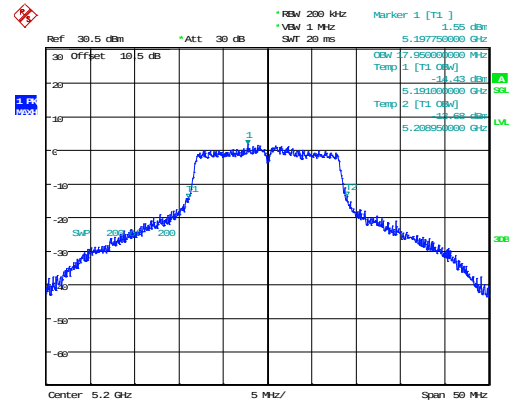
5150-5250MHz

802.11a_5180MHz_Chain 0 17.850MHz



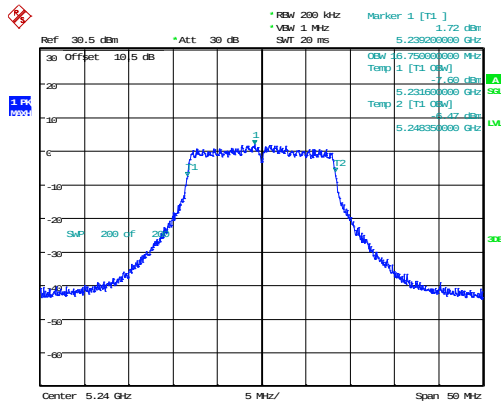
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 21:40:31

802.11a_5200MHz_Chain 0 17.950MHz



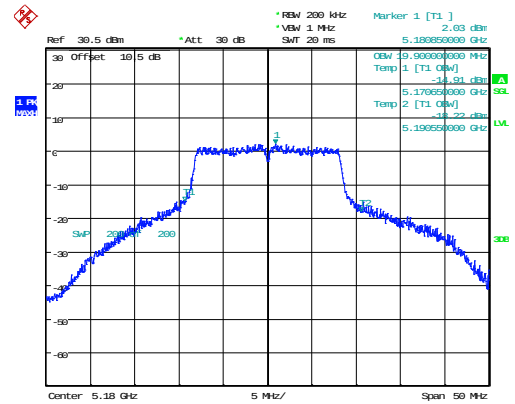
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 21:43:43

802.11a_5240MHz_Chain 0 16.750MHz



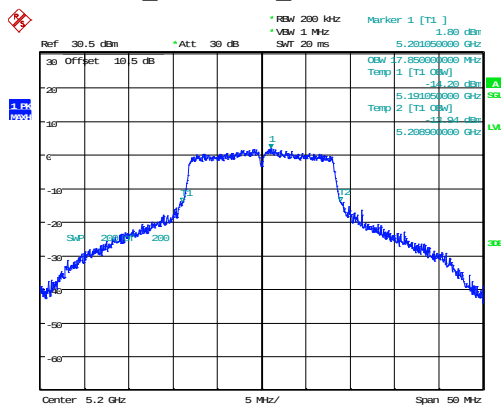
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 21:45:49

802.11a_5180MHz_Chain 1 19.900MHz



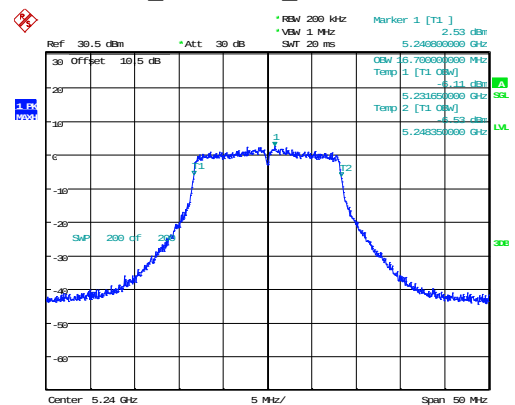
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 19:16:13

802.11a_5200MHz_Chain 1 17.850MHz



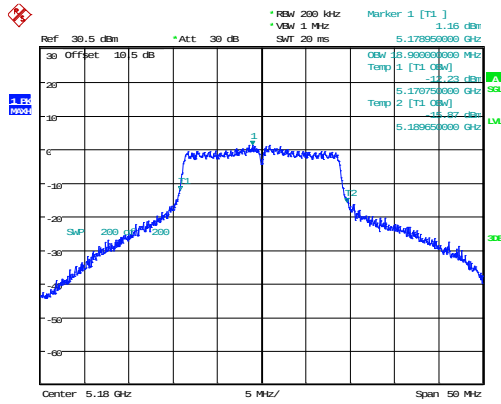
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Date: 23.DEC.2024 20:00:11

802.11a_5240MHz_Chain 1 16.700MHz



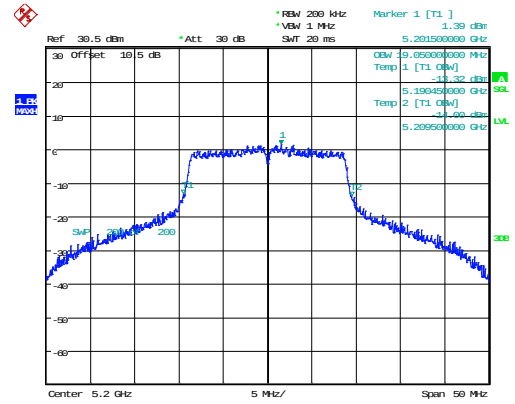
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Date: 23.DEC.2024 20:02:04

802.11n20_5180MHz_Chain 0 18.900MHz



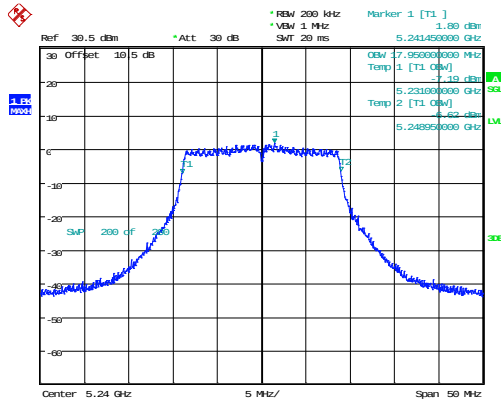
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Date: 9.DEC.2024 22:07:54

802.11n20_5200MHz_Chain 0 19.050MHz



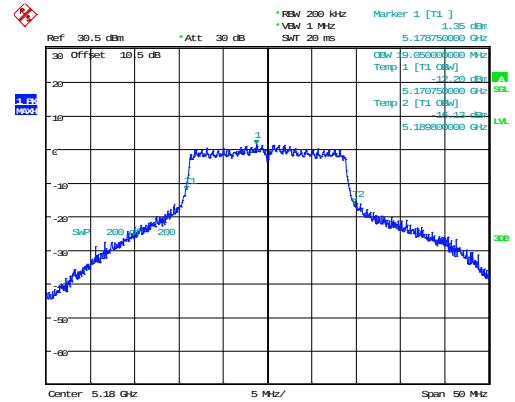
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Date: 9.DEC.2024 22:09:56

802.11n20_5240MHz_Chain 0 17.950MHz



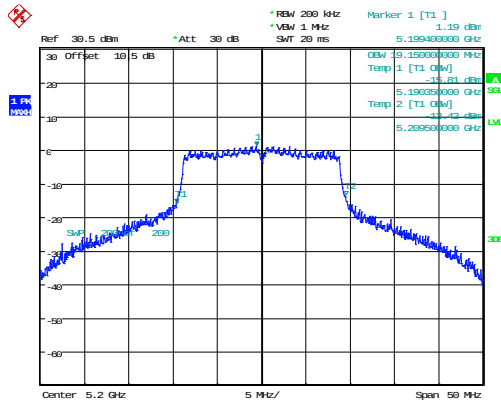
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802.11n20_5180MHz_Chain 1 19.050MHz



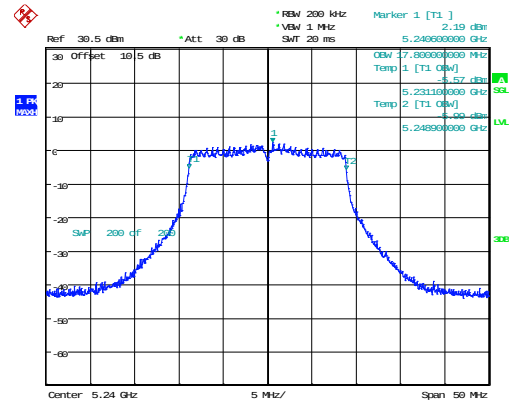
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802.11n20_5200MHz_Chain 1 19.150MHz



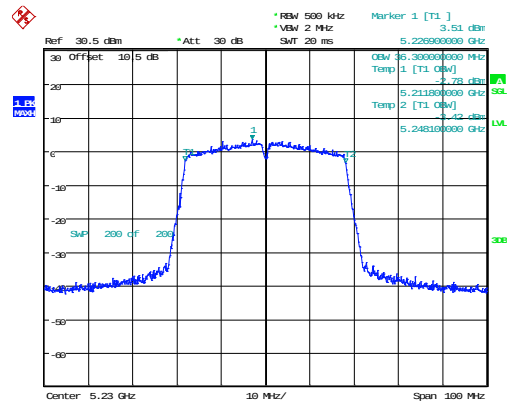
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Date: 23.DEC.2024 20:07:36

802.11n20_5240MHz_Chain 1 17.800MHz



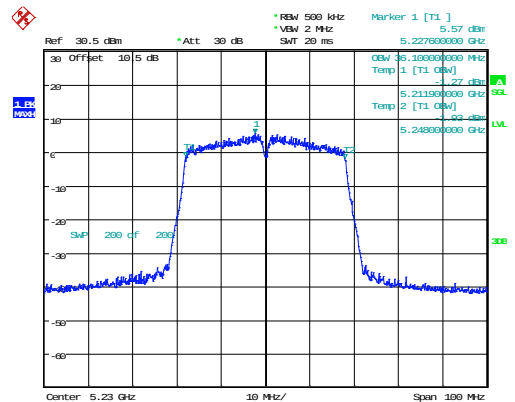
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802.11n40_5230MHz_Chain 0 36.300MHz



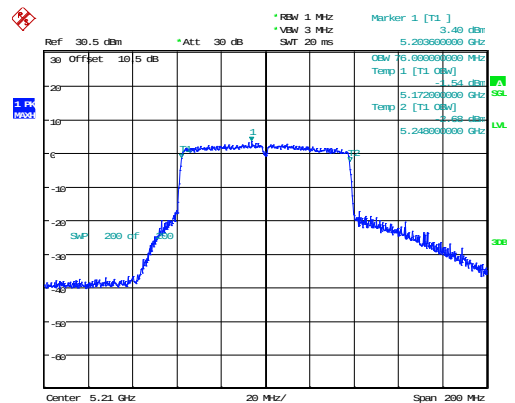
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Date: 9.DEC.2024 22:42:38

802.11n40_5230MHz_Chain 1 36.100MHz



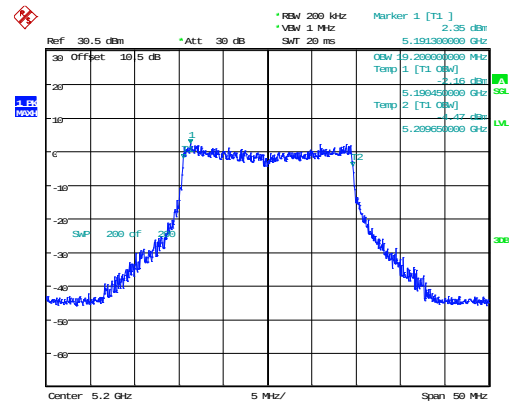
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Date: 23.DEC.2024 20:14:04

802.11ac80_5210MHz_Chain 1 76MHz



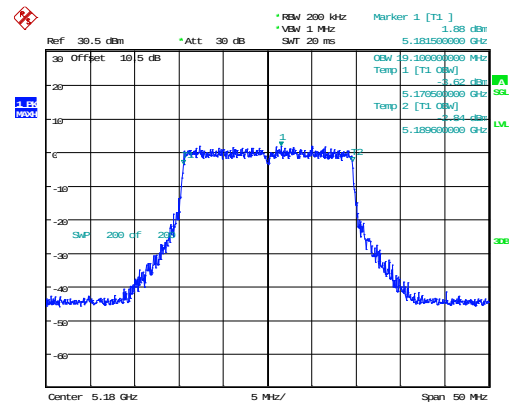
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802.11ax20_5200MHz_RU_Full_Chain 0 19.200MHz



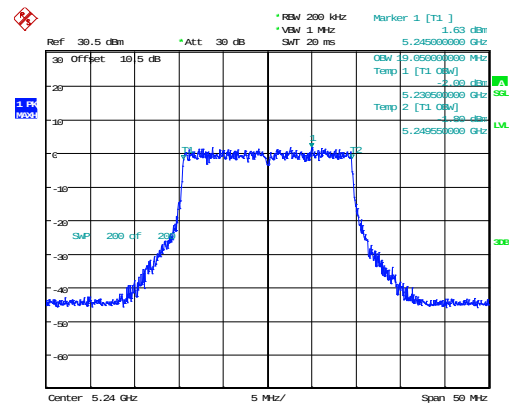
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Date: 24.DEC.2024 17:56:30

802.11ax20_5180MHz_RU_Full_Chain 1 19.100MHz



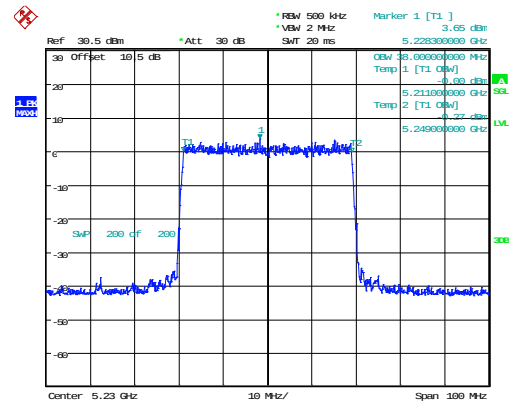
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802.11ax20_5240MHz_RU_Full_Chain 1 19.050MHz



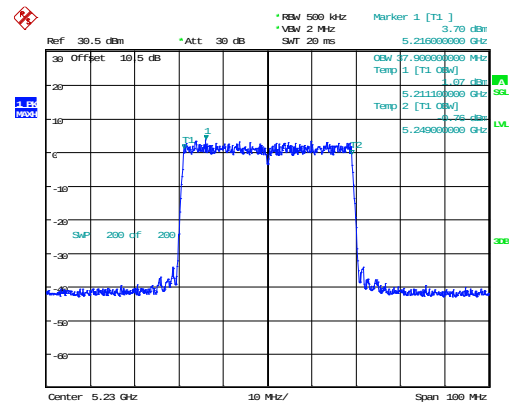
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802.11ax40_5230MHz_RU_Full_Chain 0 38MHz



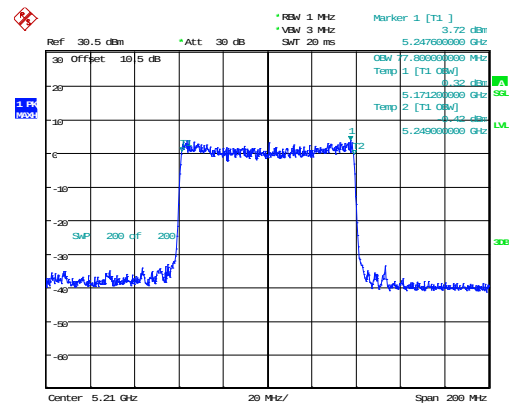
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802.11ax40_5230MHz_RU_Full_Chain 1 37.900MHz



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Date: 25.DEC.2024 19:47:06

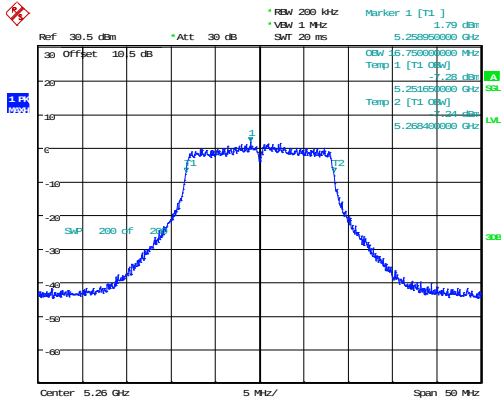
802.11ax80_5210MHz_RU_Full_Chain 1 77.800MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 16:59:29

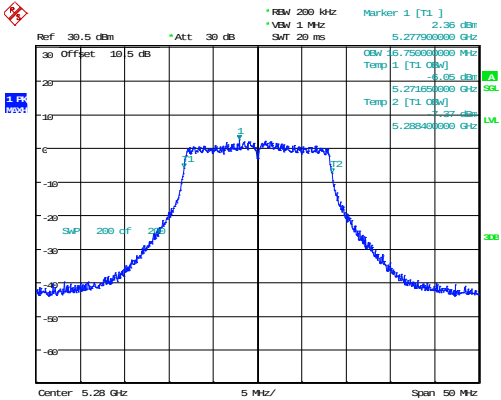
5250-5350MHz

802.11a_5260MHz_Chain 0 16.750MHz



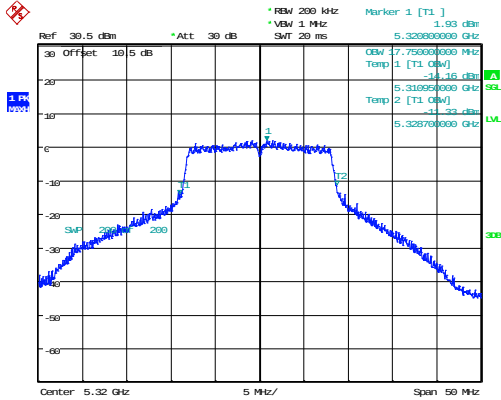
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802.11a_5280MHz_Chain 0 16.750MHz



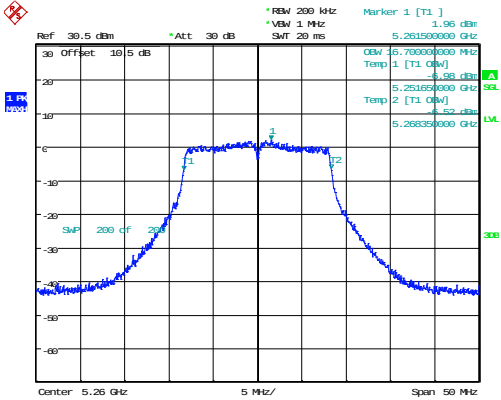
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802.11a_5320MHz_Chain 0 17.750MHz



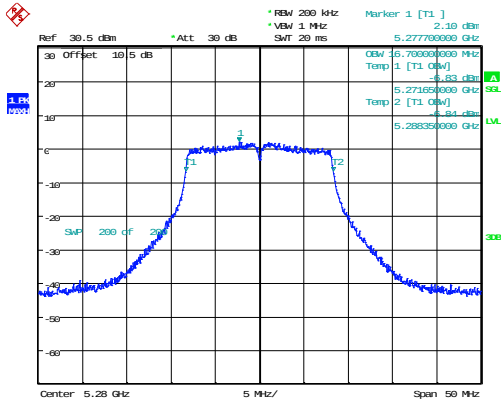
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802.11a_5260MHz_Chain 1 16.700MHz



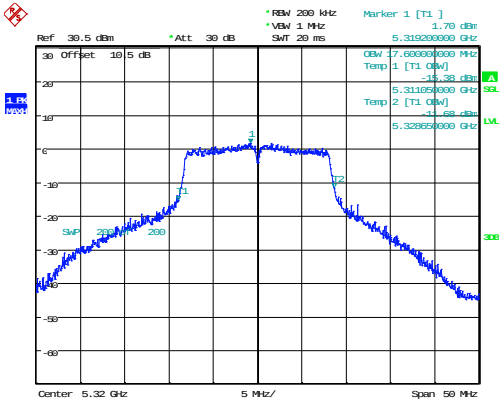
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802.11a_5280MHz_Chain 1 16.700MHz



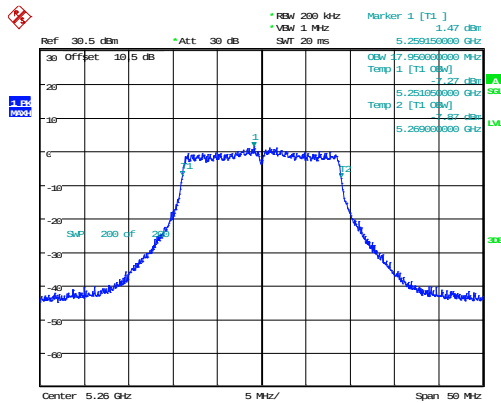
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802.11a_5320MHz_Chain 1 17.600MHz



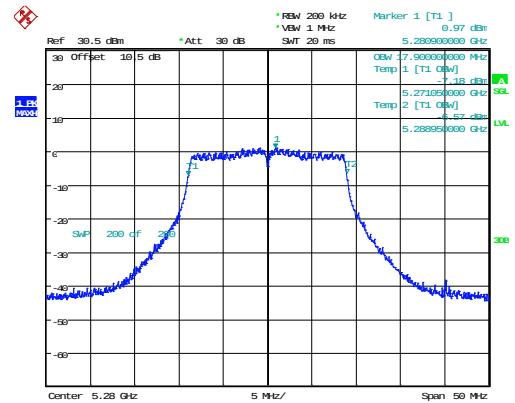
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Date: 23.DEC.2024 20:27:13

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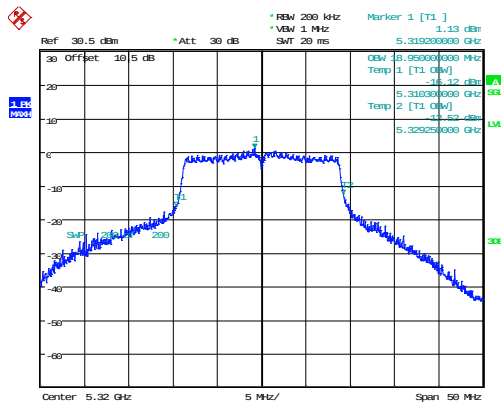
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802.11n20_5280MHz_Chain 0 17.900MHz



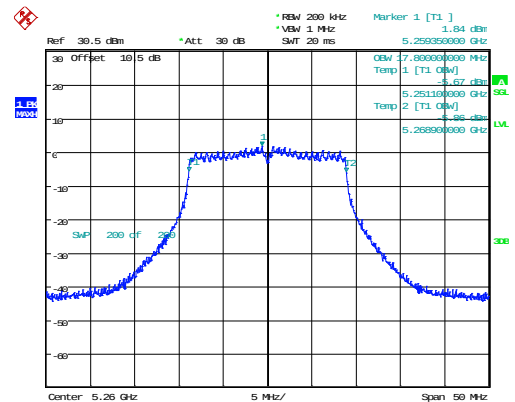
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802.11n20_5320MHz_Chain 0 18.950MHz



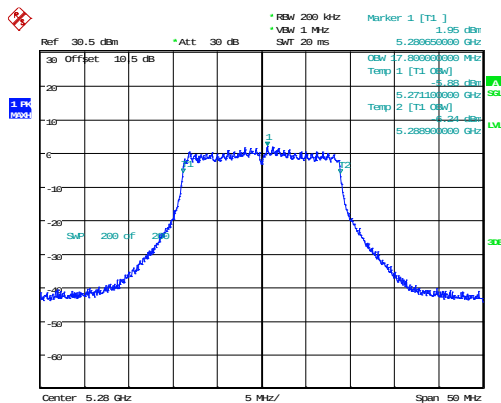
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802.11n20_5260MHz_Chain 1 17.800MHz



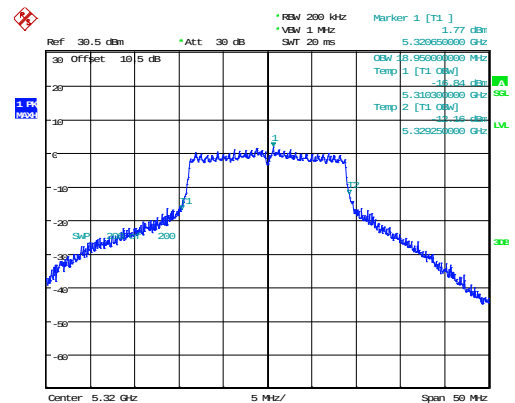
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802.11n20_5280MHz_Chain 1 17.800MHz



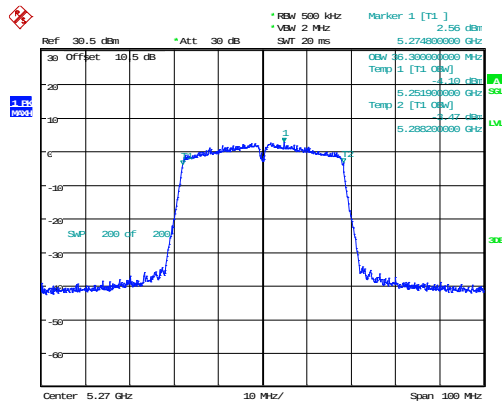
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802.11n20_5320MHz_Chain 1 18.950MHz



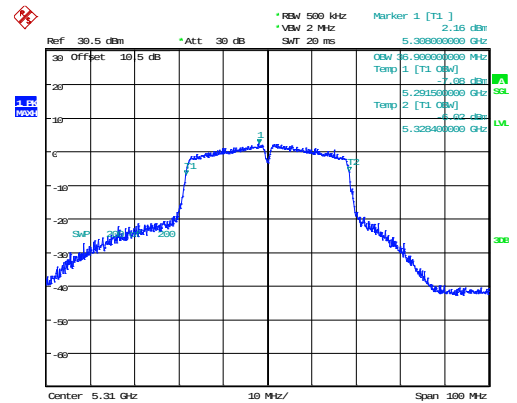
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802.11n40_5270MHz_Chain 0 36.300MHz



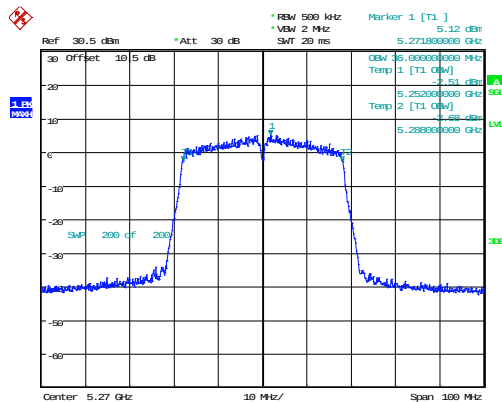
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802.11n40_5310MHz_Chain 0 36.900MHz



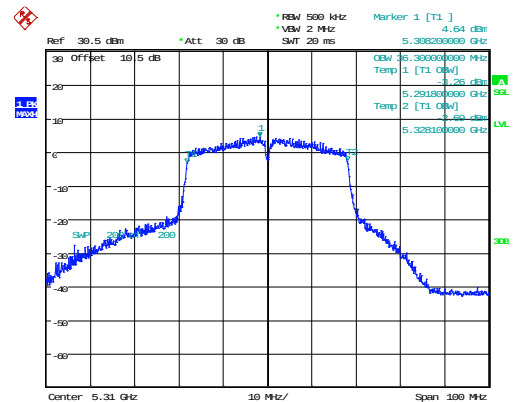
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802.11n40_5270MHz_Chain 1 36MHz



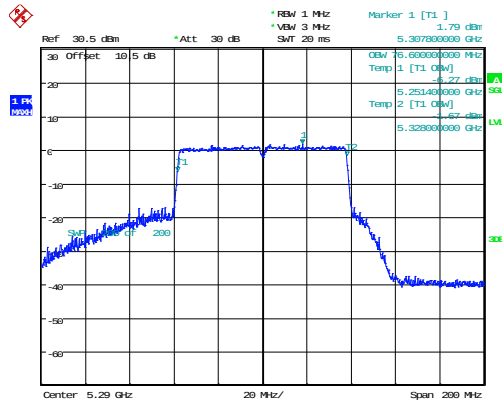
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802.11n40_5310MHz_Chain 1 36.300MHz



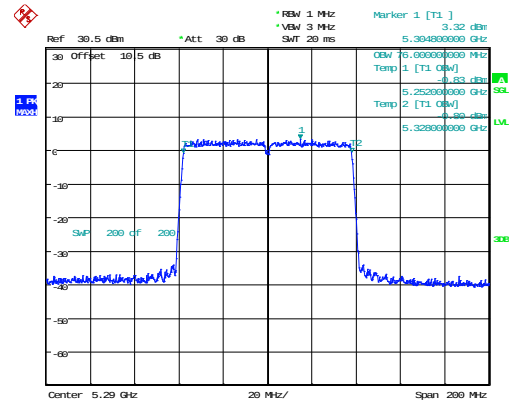
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Date: 23.DEC.2024 20:39:44

802.11ac80_5290MHz_Chain 0 76.600MHz



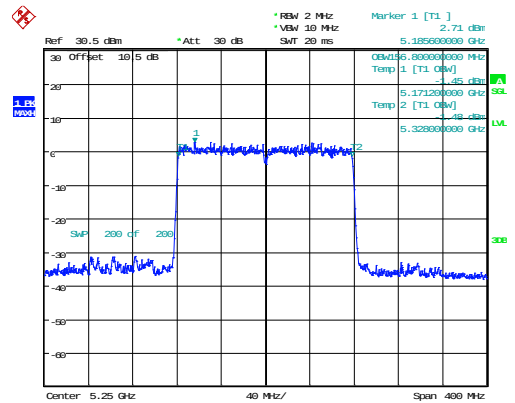
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802.11ac80_5290MHz_Chain 1 76MHz



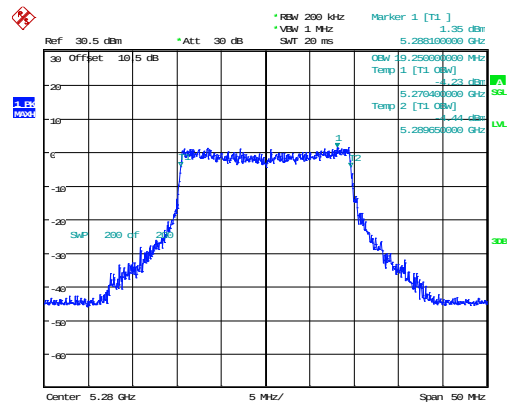
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Date: 23.DEC.2024 20:42:04

802.11ax160_5250MHz_RU_Full_Chain 1 156.800MHz



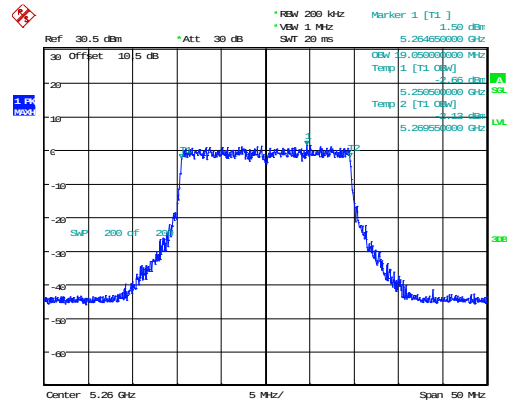
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Date: 25.DEC.2024 17:09:55

802.11ax20_5280MHz_RU_Full_Chain 0 19.250MHz



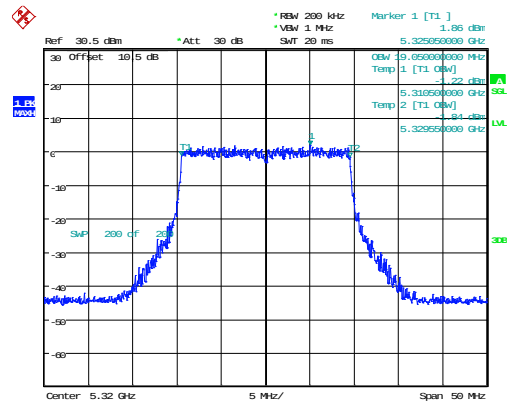
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802.11ax20_5260MHz_RU_Full_Chain 1 19.050MHz



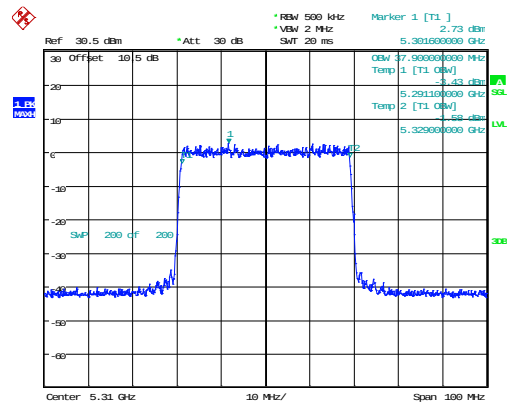
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802.11ax20_5320MHz_RU_Full_Chain 1 19.050MHz



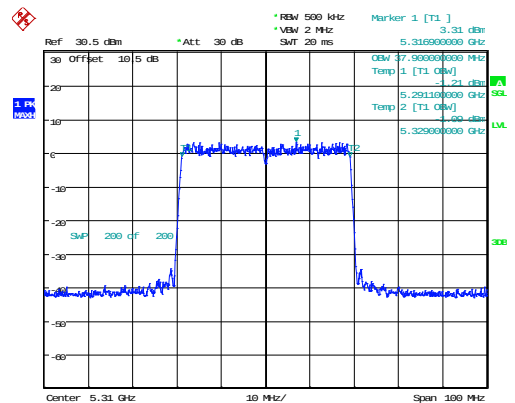
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802.11ax40_5310MHz_RU_Full_Chain 0 37.900MHz



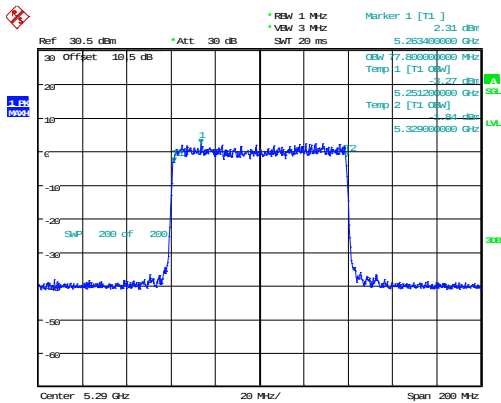
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802.11ax40_5310MHz_RU_Full_Chain 1 37.900MHz



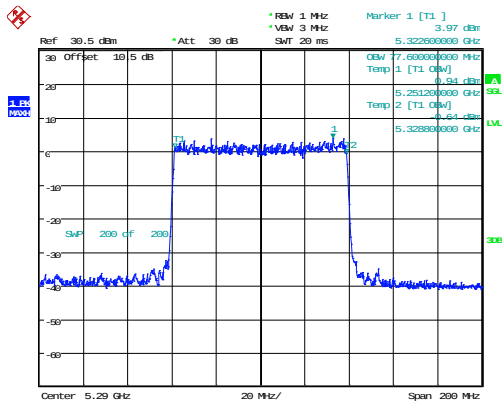
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Date: 25.DEC.2024 19:55:02

802.11ax80_5290MHz_RU_Full_Chain 0 77.800MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:07:01

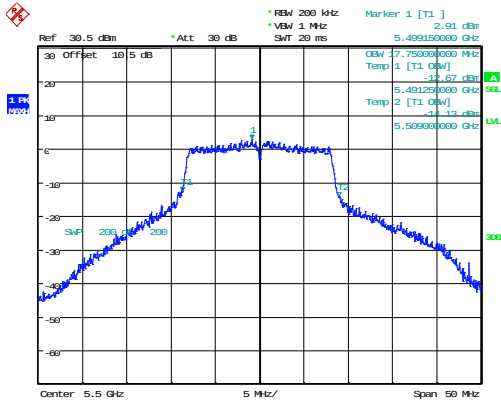
802.11ax80_5290MHz_RU_Full_Chain 1 77.600MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 17:02:19

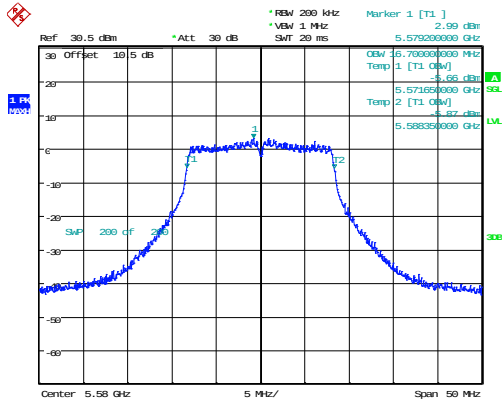
5470-5725MHz

802.11a_5500MHz_Chain 0 17.750MHz



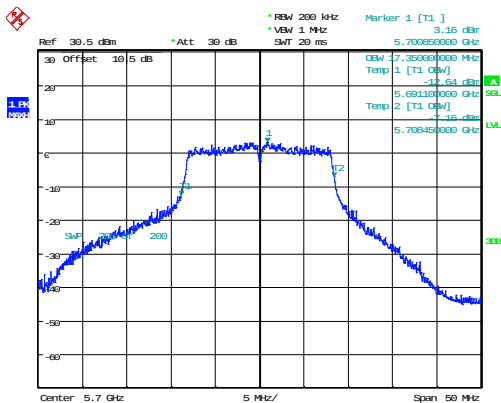
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Date: 9.DEC.2024 21:54:18

802.11a_5580MHz_Chain 0 16.700MHz



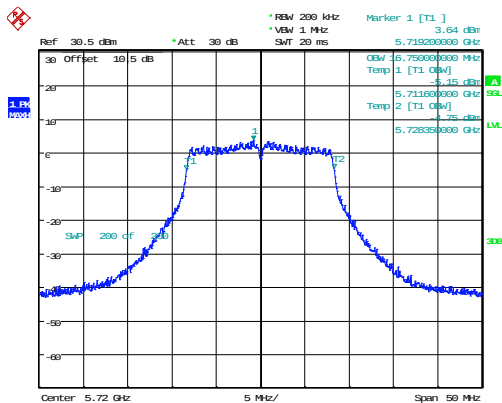
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Date: 9.DEC.2024 21:56:08

802.11a_5700MHz_Chain 0 17.350MHz



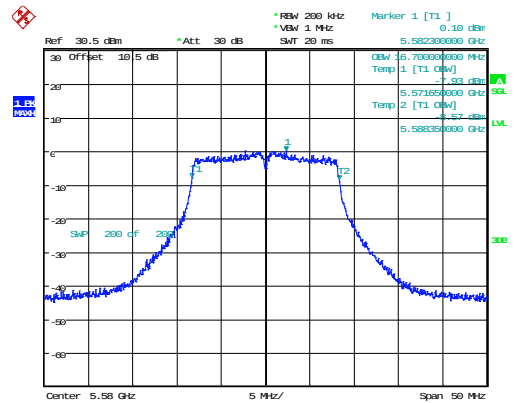
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802.11a_5720MHz_Chain 0 16.750MHz



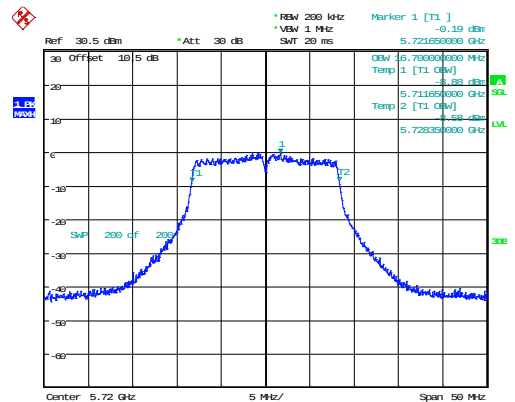
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802.11a_5580MHz_Chain 1 16.700MHz



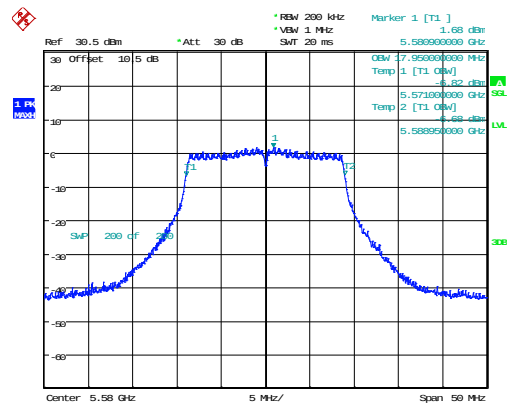
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802.11a_5720MHz_Chain 1 16.700MHz



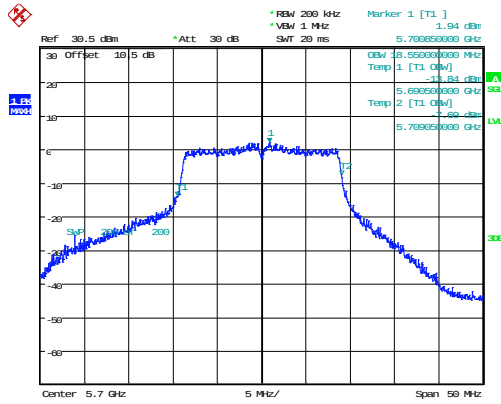
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802.11n20_5580MHz_Chain 0 17.950MHz



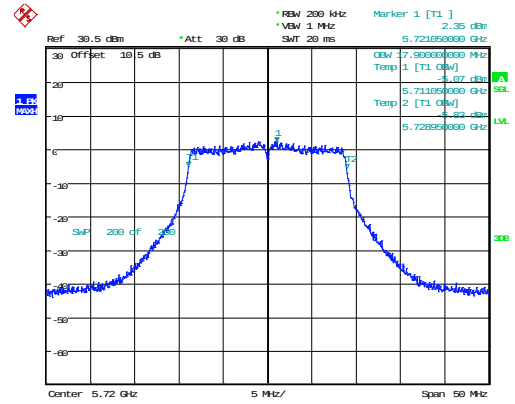
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802.11n20_5700MHz_Chain 0 18.550MHz



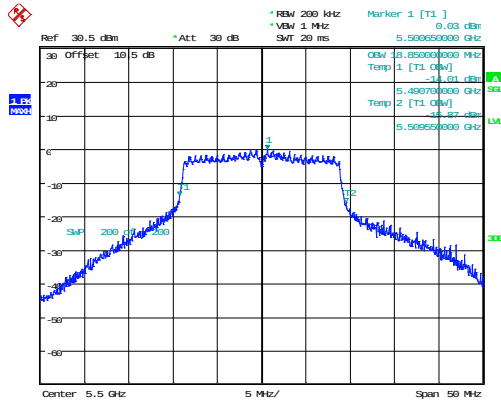
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802.11n20_5720MHz_Chain 0 17.900MHz



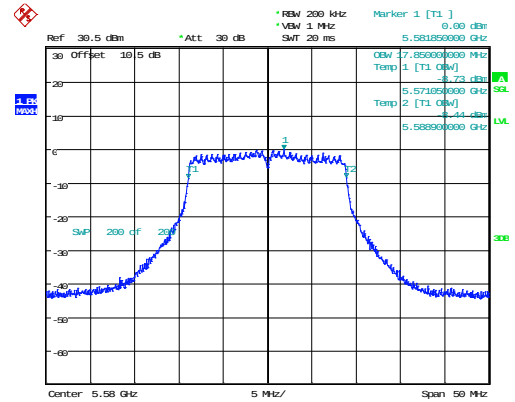
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Date: 9.DEC.2024 22:32:52

802.11n20_5500MHz_Chain 1 18.850MHz



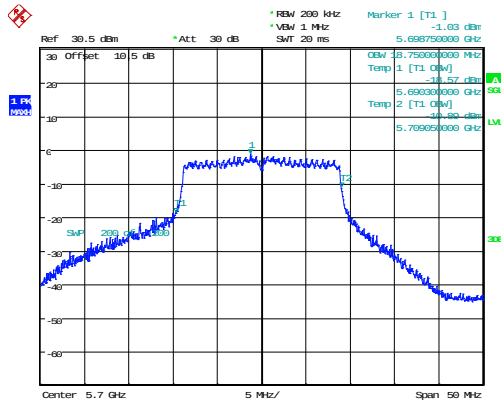
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802.11n20_5580MHz_Chain 1 17.850MHz



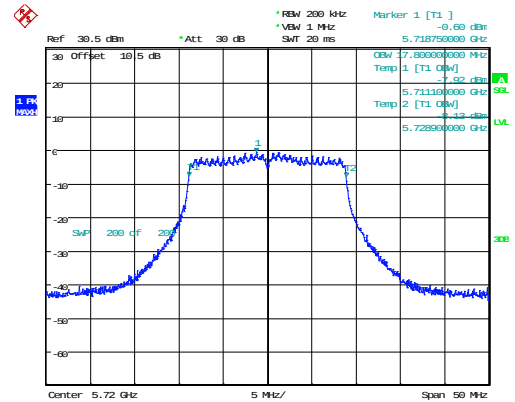
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802.11n20_5700MHz_Chain 1 18.750MHz



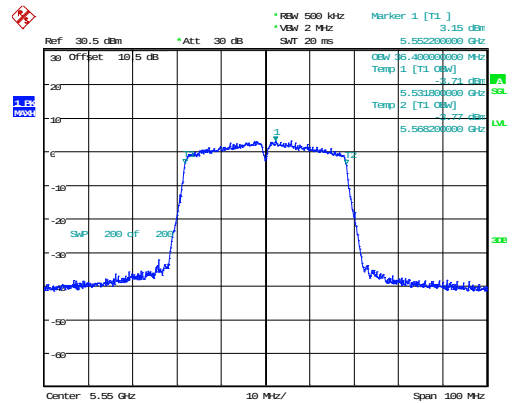
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802.11n20_5720MHz_Chain 1 17.800MHz



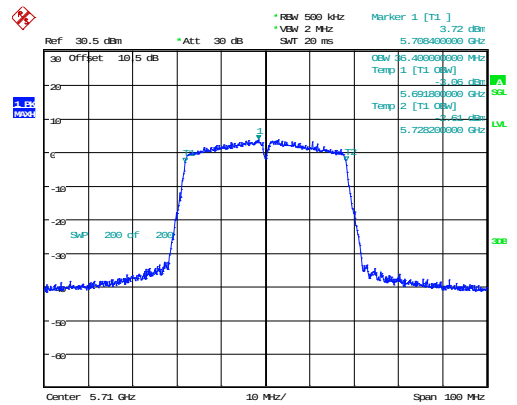
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802.11n40_5550MHz_Chain 0 36.400MHz



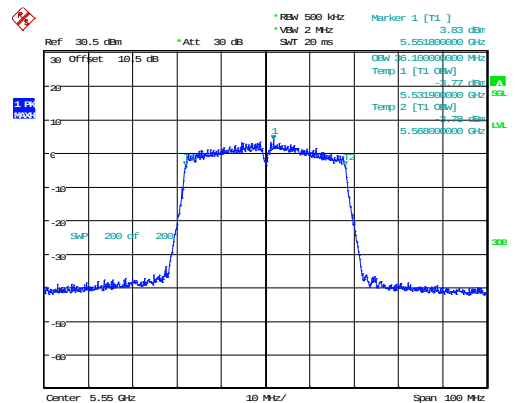
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 22:54:10

802.11n40_5710MHz_Chain 0 36.400MHz



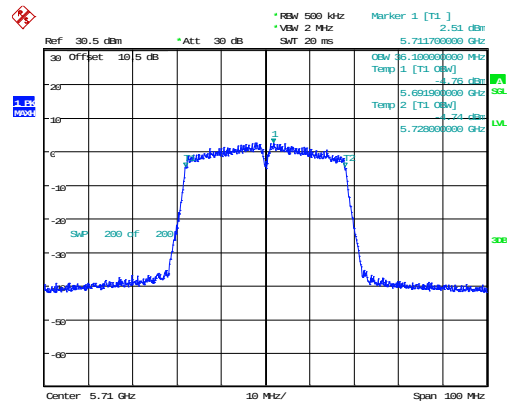
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 22:58:29

802.11n40_5550MHz_Chain 1 36.100MHz



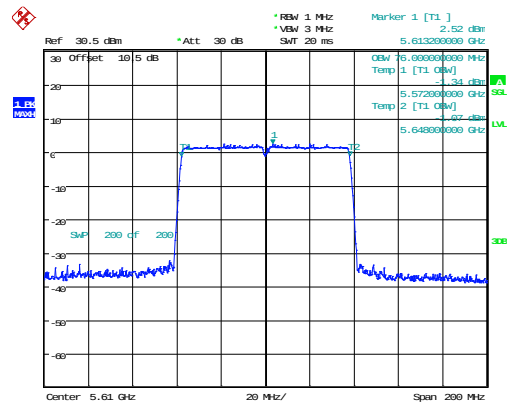
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:06:58

802.11n40_5710MHz_Chain 1 36.100MHz



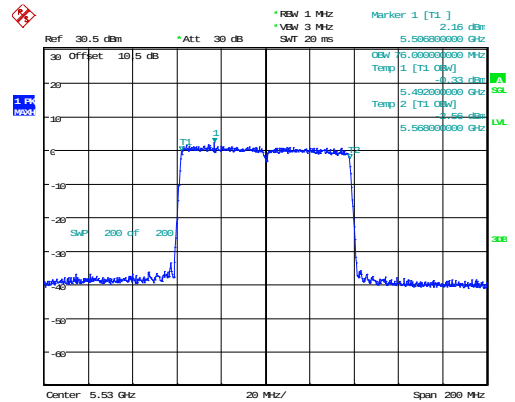
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:13:11

802.11ac80_5610MHz_Chain 0 76MHz



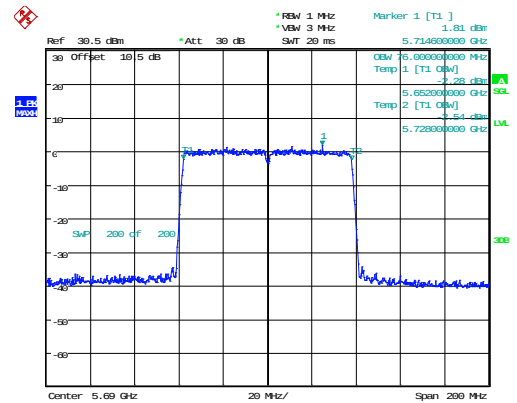
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Date: 9.DEC.2024 23:13:44

802.11ac80_5530MHz_Chain 1 76MHz



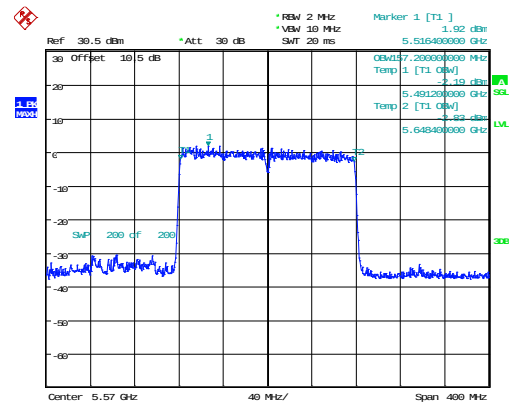
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:15:22

802.11ac80_5690MHz_Chain 1 76MHz



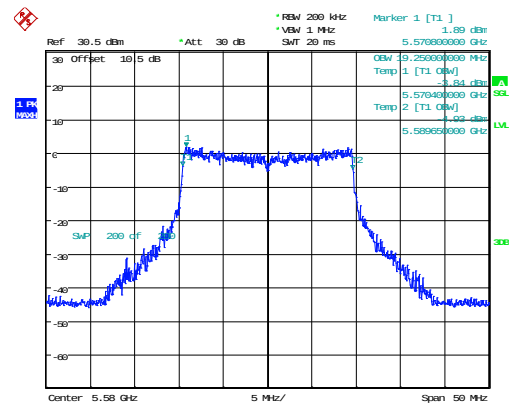
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:19:37

802.11ax160_5570MHz_RU_Full_Chain 1 157.200MHz



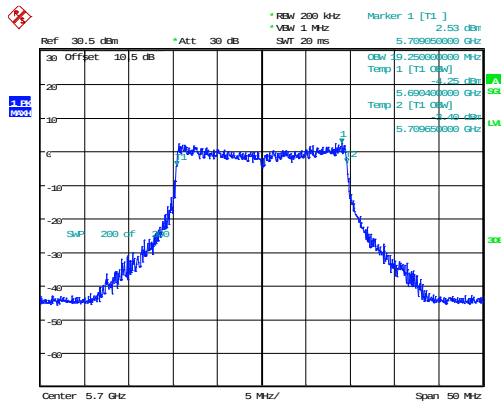
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 17:11:48

802.11ax20_5580MHz_RU_Full_Chain 0 19.250MHz



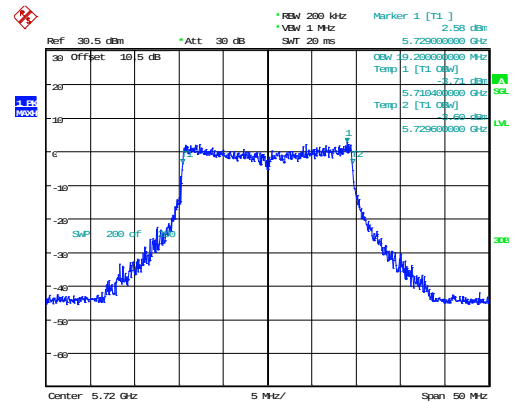
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Date: 24.DEC.2024 19:16:05

802.11ax20_5700MHz_RU_Full_Chain 0 19.250MHz



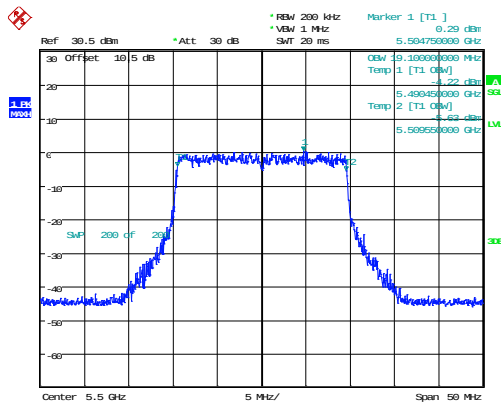
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802.11ax20_5720MHz_RU_Full_Chain 0 19.200MHz



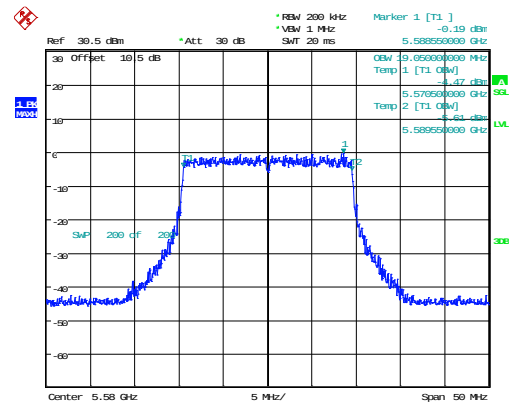
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Date: 24.DEC.2024 19:20:14

802.11ax20_5500MHz_RU_Full_Chain 1 19.100MHz



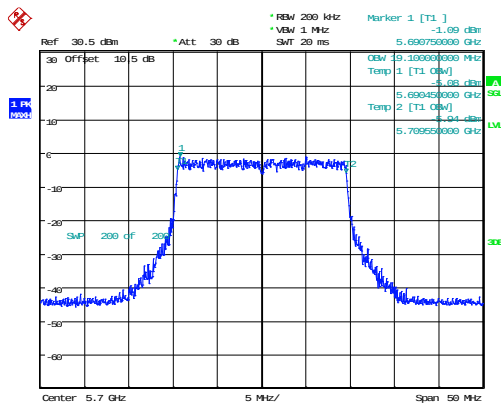
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 19:56:37

802.11ax20_5580MHz_RU_Full_Chain 1 19.050MHz



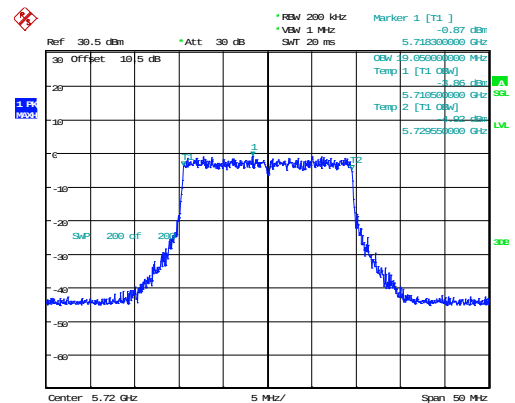
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Date: 25.DEC.2024 19:58:12

802.11ax20_5700MHz_RU_Full_Chain 1 19.100MHz



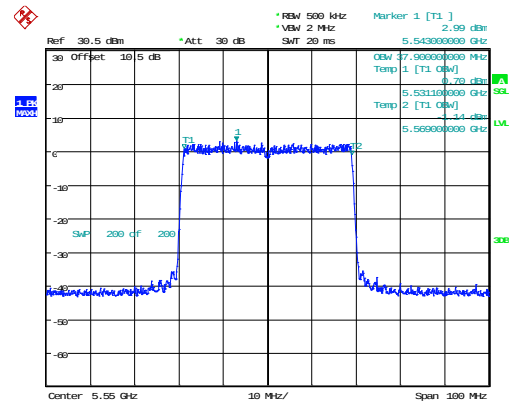
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Date: 25.DEC.2024 19:59:56

802.11ax20_5720MHz_RU_Full_Chain 1 19.050MHz



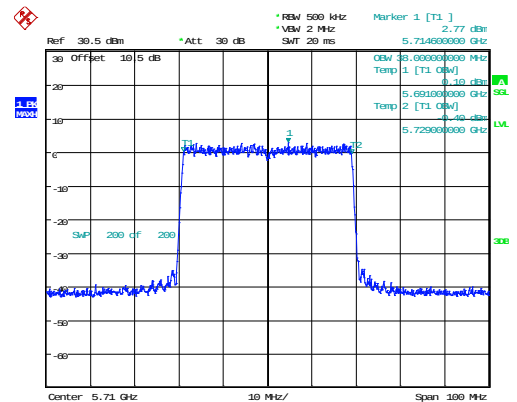
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:01:24

802.11ax40_5550MHz_RU_Full_Chain 0 37.900MHz



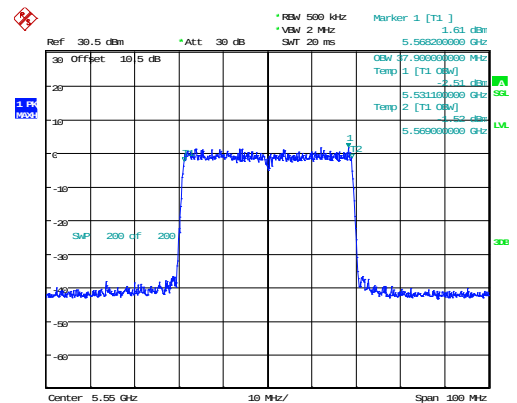
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:23:53

802.11ax40_5710MHz_RU_Full_Chain 0 38MHz



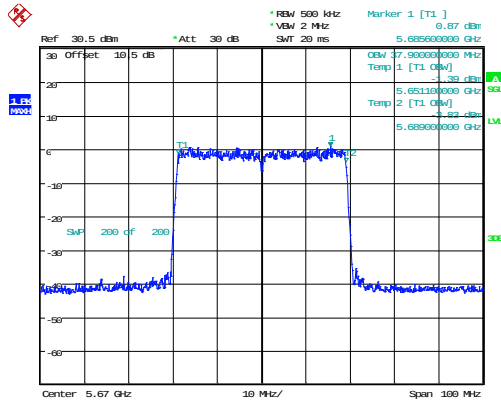
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:27:16

802.11ax40_5550MHz_RU_Full_Chain 1 37.900MHz



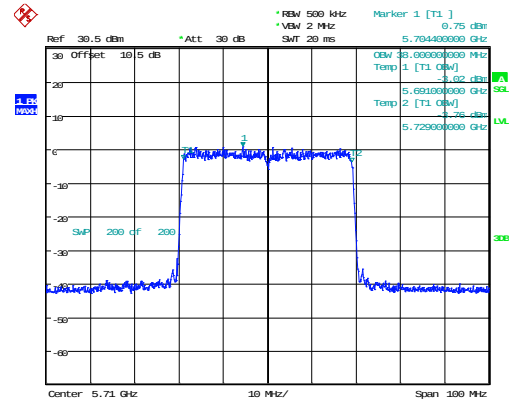
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Date: 25.DEC.2024 20:04:16

802.11ax40_5670MHz_RU_Full_Chain 1 37.900MHz



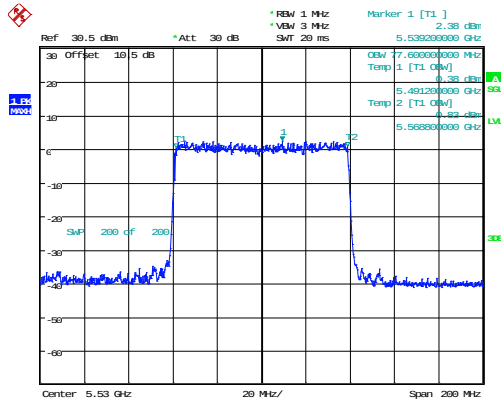
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Date: 25.DEC.2024 20:05:52

802.11ax40_5710MHz_RU_Full_Chain 1 38MHz



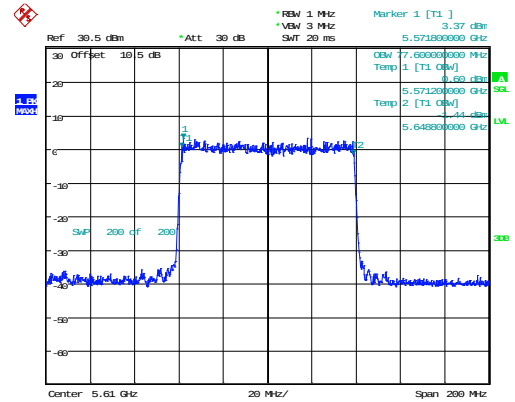
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:07:23

802.11ax80_5530MHz_RU_Full_Chain 0 77.600MHz



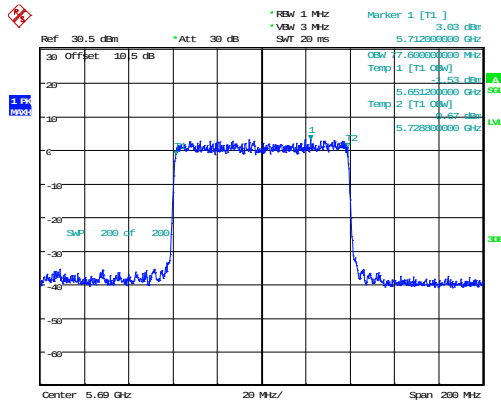
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802.11ax80_5610MHz_RU_Full_Chain 0 77.600MHz



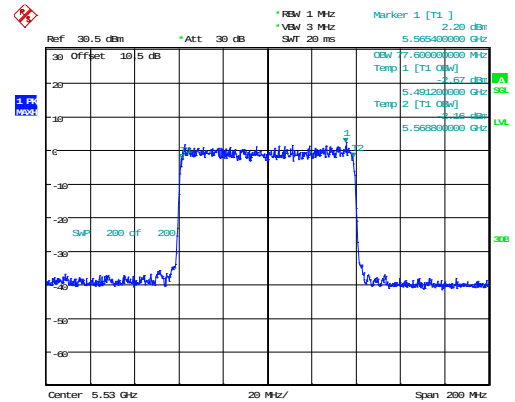
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:32:14

802.11ax80_5690MHz_RU_Full_Chain 0 77.600MHz



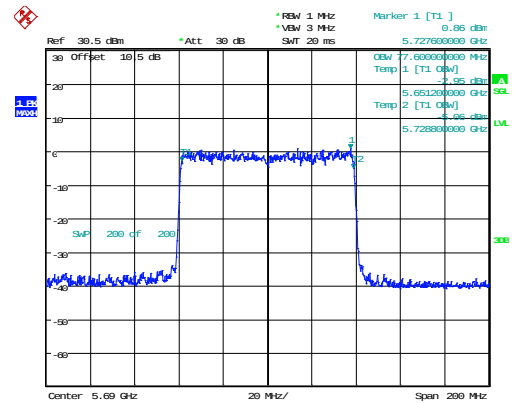
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:34:20

802.11ax80_5530MHz_RU_Full_Chain 1 77.600MHz



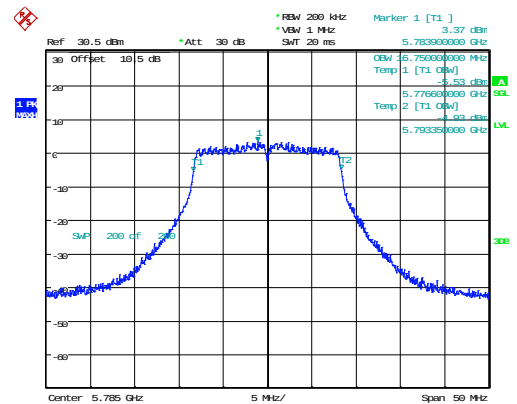
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Date: 25.DEC.2024 17:04:02

802.11ax80_5690MHz_RU_Full_Chain 1 77.600MHz



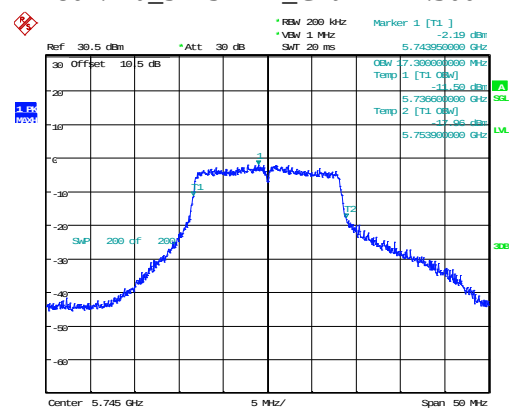
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 17:07:31

802.11a_5785MHz_Chain 0 16.750MHz



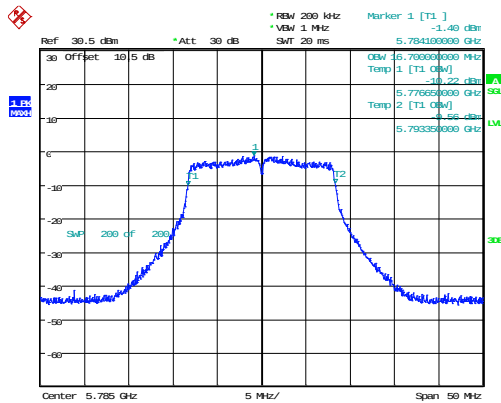
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 22:03:20

802.11a_5745MHz_Chain 1 17.300MHz



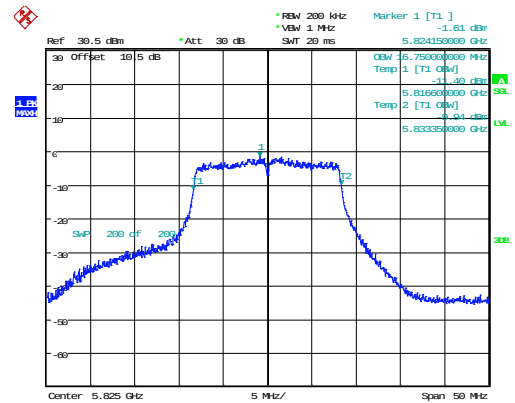
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Date: 23.DEC.2024 21:23:01

802.11a_5785MHz_Chain 1 16.700MHz



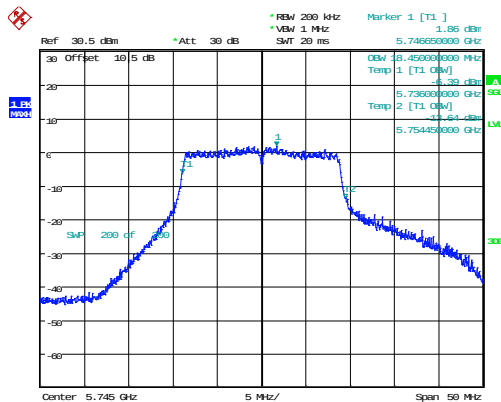
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Date: 23.DEC.2024 21:24:40

802.11a_5825MHz_Chain 1 16.750MHz



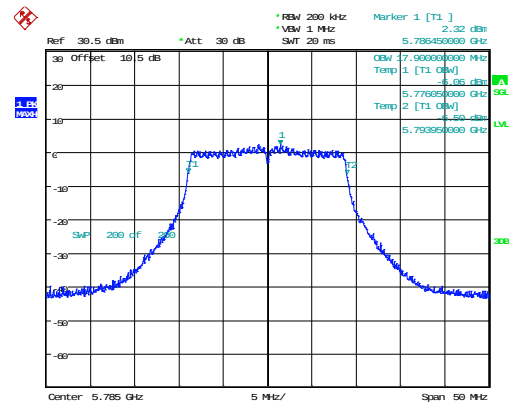
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Date: 23.DEC.2024 21:28:54

802.11n20_5745MHz_Chain 0 18.450MHz



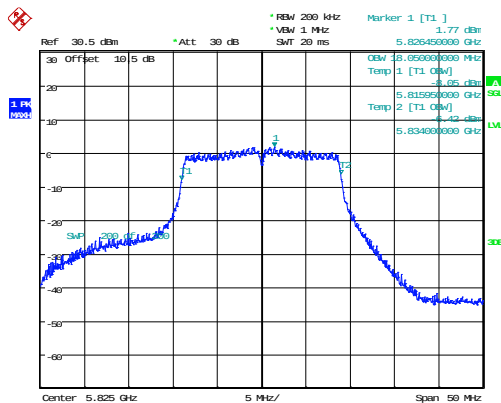
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Date: 9.DEC.2024 22:34:18

802.11n20_5785MHz_Chain 0 17.900MHz



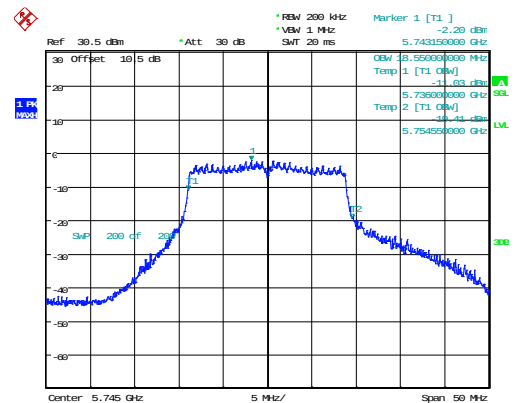
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Date: 9.DEC.2024 22:35:46

802.11n20_5825MHz_Chain 0 18.050MHz



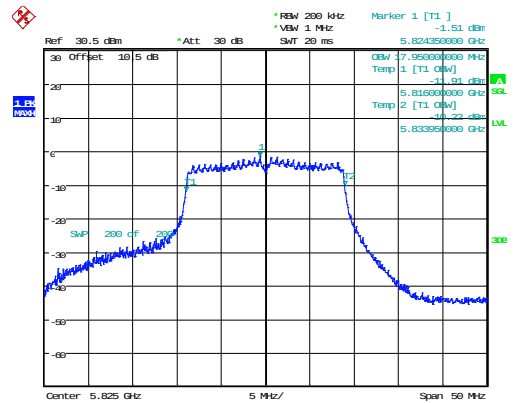
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Date: 9.DEC.2024 22:37:07

802.11n20_5745MHz_Chain 1 18.550MHz



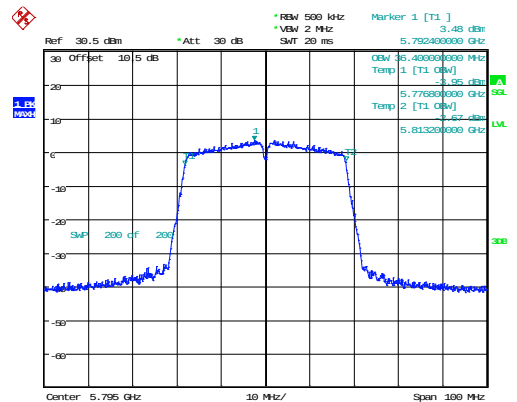
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Date: 23.DEC.2024 21:30:36

802.11n20_5825MHz_Chain 1 17.950MHz



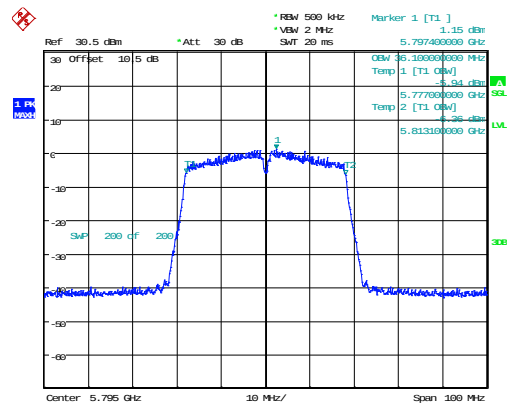
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:33:47

802.11n40_5795MHz_Chain 0 36.400MHz

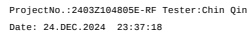
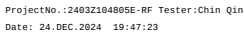
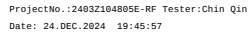
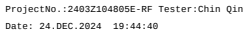
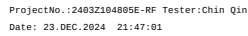
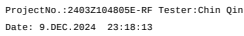


ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 9.DEC.2024 23:02:08

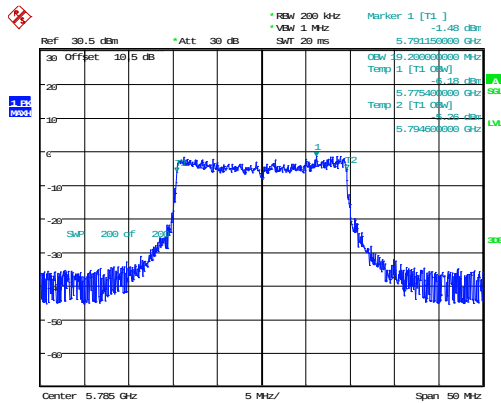
802.11n40_5795MHz_Chain 1 36.100MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 21:39:14

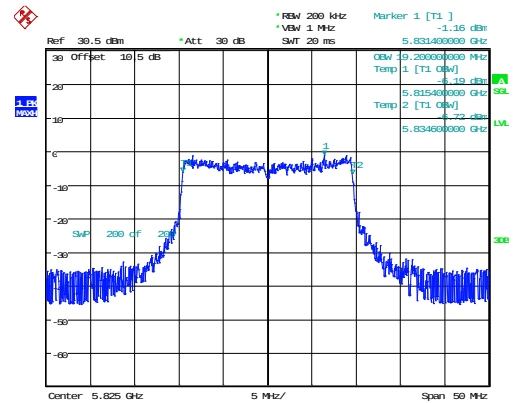


802.11ax20_5785MHz_RU_Full_Chain 1 19.200MHz



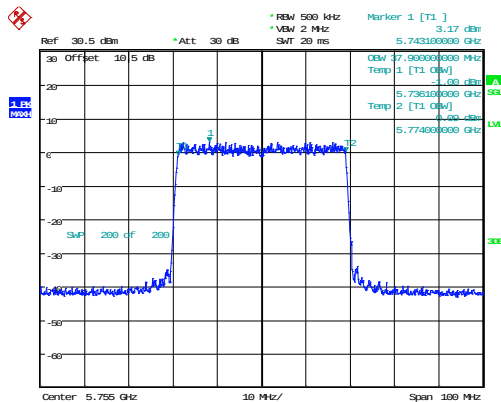
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 23:38:55

802.11ax20_5825MHz_RU_Full_Chain 1 19.200MHz



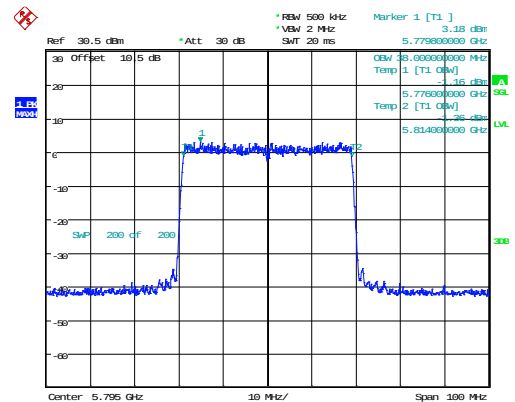
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 23:48:51

802.11ax40_5755MHz_RU_Full_Chain 0 37.900MHz



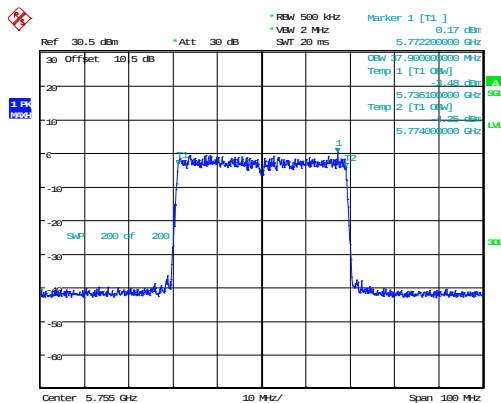
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Date: 24.DEC.2024 19:49:08

802.11ax40_5795MHz_RU_Full_Chain 0 38MHz



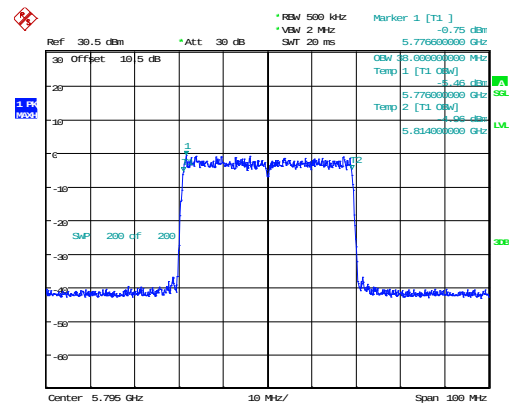
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Date: 24.DEC.2024 19:51:28

802.11ax40_5755MHz_RU_Full_Chain 1 37.900MHz



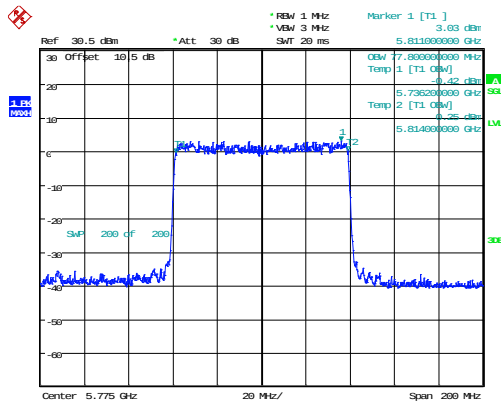
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:12:36

802.11ax40_5795MHz_RU_Full_Chain 1 38MHz



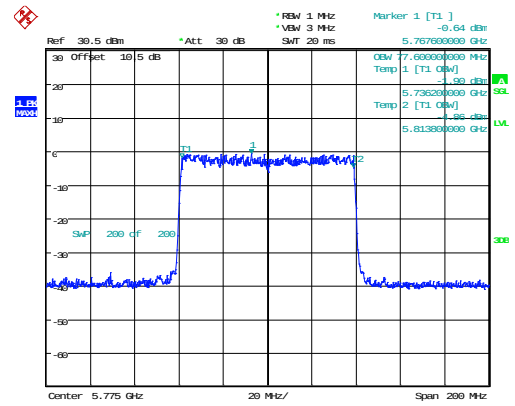
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:13:21

802.11ax80_5775MHz_RU_Full_Chain 0 77.800MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 24.DEC.2024 19:54:17

802.11ax80_5775MHz_RU_Full_Chain 1 77.600MHz



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 25.DEC.2024 20:14:07

Power Spectral Density**5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5180	-0.04	0	-0.04	11	Pass
		5200	0.20	0	0.20	11	Pass
		5240	0.65	0	0.65	11	Pass
	Chain 1	5180	0.61	0	0.61	11	Pass
		5200	0.57	0	0.57	11	Pass
		5240	1.22	0	1.22	11	Pass
	Chain 0+Chain 1	5180	3.31	0	3.31	11	Pass
		5200	3.40	0	3.40	11	Pass
		5240	3.95	0	3.95	11	Pass
802.11n20	Chain 0	5180	-0.20	0	-0.20	11	Pass
		5200	-0.28	0	-0.28	11	Pass
		5240	0.41	0	0.41	11	Pass
	Chain 1	5180	-0.54	0	-0.54	11	Pass
		5200	0.08	0	0.08	11	Pass
		5240	0.67	0	0.67	11	Pass
	Chain 0+Chain 1	5180	2.64	0	2.64	11	Pass
		5200	2.91	0	2.91	11	Pass
		5240	3.55	0	3.55	11	Pass
802.11n40	Chain 0	5190	-2.54	0	-2.54	11	Pass
		5230	-2.08	0	-2.08	11	Pass
	Chain 1	5190	-2.11	0	-2.11	11	Pass
		5230	-1.73	0	-1.73	11	Pass
	Chain 0+Chain 1	5190	0.69	0	0.69	11	Pass
		5230	1.11	0	1.11	11	Pass
802.11ac80	Chain 0	5210	-7.08	0	-7.08	11	Pass
	Chain 1	5210	-7.01	0	-7.01	11	Pass
	Chain 0+Chain 1	5210	-4.03	0	-4.03	11	Pass
802.11ax20_RU_Full	Chain 0	5180	-6.80	2.76	-4.04	11	Pass
		5200	-6.37	2.76	-3.61	11	Pass
		5240	-7.31	2.76	-4.55	11	Pass
	Chain 1	5180	-5.59	2.76	-2.83	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax20_RU_Full	Chain 1	5200	-6.06	2.76	-3.30	11	Pass
		5240	-6.44	2.76	-3.68	11	Pass
	Chain 0+Chain 1	5180	-3.14	2.76	-0.38	11	Pass
		5200	-3.20	2.76	-0.44	11	Pass
		5240	-3.84	2.76	-1.08	11	Pass
802.11ax20_RU_26/0	Chain 0	5180	2.81	4.68	7.49	11	Pass
		5200	1.80	4.68	6.48	11	Pass
	Chain 1	5180	2.31	4.68	6.99	11	Pass
		5200	2.31	4.68	6.99	11	Pass
	Chain 0+Chain 1	5180	5.58	4.68	10.26	11	Pass
		5200	5.07	4.68	9.75	11	Pass
802.11ax20_RU_26/8	Chain 0	5240	1.82	4.68	5.88	11	Pass
	Chain 1	5240	2.00	4.68	6.68	11	Pass
	Chain 0+Chain 1	5240	4.92	4.68	9.60	11	Pass
802.11ax20_RU_52/37	Chain 0	5180	1.06	6.71	7.77	11	Pass
		5200	0.48	6.71	7.19	11	Pass
	Chain 1	5180	0.34	6.71	7.05	11	Pass
		5200	0.60	6.71	7.31	11	Pass
	Chain 0+Chain 1	5180	3.73	6.71	10.44	11	Pass
		5200	3.55	6.71	10.26	11	Pass
802.11ax20_RU_52/40	Chain 0	5240	0.31	6.71	7.02	11	Pass
	Chain 1	5240	-0.01	6.71	6.70	11	Pass
	Chain 0+Chain 1	5240	3.16	6.71	9.87	11	Pass
802.11ax20_RU_106/53	Chain 0	5180	-3.01	7.12	4.11	11	Pass
		5200	-3.47	7.12	3.65	11	Pass
	Chain 1	5180	-3.10	7.12	4.02	11	Pass
		5200	-2.86	7.12	4.26	11	Pass
	Chain 0+Chain 1	5180	-0.04	7.12	7.08	11	Pass
		5200	-0.14	7.12	6.98	11	Pass
802.11ax20_RU_106/54	Chain 0	5240	-4.05	7.12	3.07	11	Pass
	Chain 1	5240	-2.86	7.12	4.26	11	Pass
	Chain 0+Chain 1	5240	-0.40	7.12	6.72	11	Pass
802.11ax40_RU_Full	Chain 0	5190	-10.75	4.36	-6.39	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax40_RU_Full	Chain 0	5230	-11.15	4.36	-6.79	11	Pass
	Chain 1	5190	-9.68	4.36	-5.32	11	Pass
		5230	-10.16	4.36	-5.80	11	Pass
	Chain 0+Chain 1	5190	-7.17	4.36	-2.81	11	Pass
		5230	-7.62	4.36	-3.26	11	Pass
802.11ax40_RU_26/0	Chain 0	5190	1.22	5.35	6.57	11	Pass
	Chain 1	5190	2.29	5.35	7.64	11	Pass
	Chain 0+Chain 1	5190	4.80	5.35	10.15	11	Pass
802.11ax40_RU_26/17	Chain 0	5230	1.55	5.35	6.90	11	Pass
	Chain 1	5230	2.90	5.35	8.25	11	Pass
	Chain 0+Chain 1	5230	5.29	5.35	10.64	11	Pass
802.11ax40_RU_52/37	Chain 0	5190	-1.60	6.40	4.80	11	Pass
	Chain 1	5190	-0.24	6.40	6.16	11	Pass
	Chain 0+Chain 1	5190	2.14	6.40	8.54	11	Pass
802.11ax40_RU_52/44	Chain 0	5230	-0.38	6.40	6.02	11	Pass
	Chain 1	5230	-0.27	6.40	6.13	11	Pass
	Chain 0+Chain 1	5230	2.69	6.40	9.09	11	Pass
802.11ax40_RU_106/53	Chain 0	5190	-3.93	7.17	3.24	11	Pass
	Chain 1	5190	-3.51	7.17	3.66	11	Pass
	Chain 0+Chain 1	5190	-0.70	7.17	6.47	11	Pass
802.11ax40_RU_106/56	Chain 0	5230	-3.95	7.17	3.22	11	Pass
	Chain 1	5230	-3.74	7.17	3.43	11	Pass
	Chain 0+Chain 1	5230	-0.83	7.17	6.34	11	Pass
802.11ax40_RU_242/61	Chain 0	5190	-7.44	7.84	0.40	11	Pass
	Chain 1	5190	-7.25	7.84	0.59	11	Pass
	Chain 0+Chain 1	5190	-4.33	7.84	3.51	11	Pass
802.11ax40_RU_242/62	Chain 0	5230	-8.16	7.84	-0.32	11	Pass
	Chain 1	5230	-6.81	7.84	1.03	11	Pass
	Chain 0+Chain 1	5230	-4.42	7.84	3.42	11	Pass
802.11ax80_RU_Full	Chain 0	5210	-14.23	6.56	-7.67	11	Pass
	Chain 1	5210	-13.66	6.56	-7.10	11	Pass
	Chain 0+Chain 1	5210	-10.93	6.56	-4.37	11	Pass
802.11ax80_RU_26/0	Chain 0	5210	0.22	4.84	5.06	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax80_RU_26/0	Chain 1	5210	2.21	4.84	7.05	11	Pass
	Chain 0+Chain 1	5210	4.34	4.84	9.18	11	Pass
802.11ax80_RU_52/37	Chain 0	5210	-1.63	6.75	5.12	11	Pass
	Chain 1	5210	-1.14	6.75	5.61	11	Pass
	Chain 0+Chain 1	5210	1.63	6.75	8.38	11	Pass
802.11ax80_RU_106/53	Chain 0	5210	-4.12	7.12	3.00	11	Pass
	Chain 1	5210	-3.99	7.12	3.13	11	Pass
	Chain 0+Chain 1	5210	-1.04	7.12	6.08	11	Pass
802.11ax80_RU_242/61	Chain 0	5210	-7.88	7.82	-0.06	11	Pass
	Chain 1	5210	-7.66	7.82	0.16	11	Pass
	Chain 0+Chain 1	5210	-4.76	7.82	3.06	11	Pass
802.11ax80_RU_484/65	Chain 0	5210	-10.48	8.14	-2.34	11	Pass
	Chain 1	5210	-11.15	8.14	-3.01	11	Pass
	Chain 0+Chain 1	5210	-7.79	8.14	0.35	11	Pass

Note:

The device is a client unit.

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB, so directional gain = 4.5 dBi

Duty cycle $\geq 98\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 was used.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 was used. Duty cycle $< 98\%$, Duty Cycle Factor add to the result.

5250-5350MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5260	0.12	0	0.12	11	Pass
		5280	0.22	0	0.22	11	Pass
		5320	-0.16	0	-0.16	11	Pass
	Chain 1	5260	0.79	0	0.79	11	Pass
		5280	0.92	0	0.92	11	Pass
		5320	0.54	0	0.54	11	Pass
	Chain 0+Chain 1	5260	3.48	0	3.48	11	Pass
		5280	3.59	0	3.59	11	Pass
		5320	3.21	0	3.21	11	Pass
802.11n20	Chain 0	5260	-0.12	0	-0.12	11	Pass
		5280	0.05	0	0.05	11	Pass
		5320	-0.45	0	-0.45	11	Pass
	Chain 1	5260	0.38	0	0.38	11	Pass
		5280	0.40	0	0.40	11	Pass
		5320	0.02	0	0.02	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11n20	Chain 0+Chain 1	5260	3.15	0	3.15	11	Pass
		5280	3.24	0	3.24	11	Pass
		5320	2.80	0	2.80	11	Pass
802.11n40	Chain 0	5270	-2.67	0	-2.67	11	Pass
		5310	-2.70	0	-2.70	11	Pass
	Chain 1	5270	-2.16	0	-2.16	11	Pass
		5310	-2.19	0	-2.19	11	Pass
	Chain 0+Chain 1	5270	0.60	0	0.60	11	Pass
		5310	0.57	0	0.57	11	Pass
802.11ac80	Chain 0	5290	-7.18	0	-7.18	11	Pass
	Chain 1	5290	-7.25	0	-7.25	11	Pass
	Chain 0+Chain 1	5290	-4.20	0	-4.20	11	Pass
802.11ax20_RU_Full	Chain 0	5260	-7.55	2.76	-4.79	11	Pass
		5280	-7.38	2.76	-4.62	11	Pass
		5320	-7.49	2.76	-4.73	11	Pass
	Chain 1	5260	-6.74	2.76	-3.98	11	Pass
		5280	-6.83	2.76	-4.07	11	Pass
		5320	-6.06	2.76	-3.30	11	Pass
	Chain 0+Chain 1	5260	-4.12	2.76	-1.36	11	Pass
		5280	-4.09	2.76	-1.33	11	Pass
		5320	-3.71	2.76	-0.95	11	Pass
802.11ax20_RU_26/0	Chain 0	5260	1.92	4.68	6.60	11	Pass
		5280	2.11	4.68	6.79	11	Pass
	Chain 1	5260	2.87	4.68	7.55	11	Pass
		5280	3.00	4.68	7.68	11	Pass
	Chain 0+Chain 1	5260	5.43	4.68	10.11	11	Pass
		5280	5.59	4.68	10.27	11	Pass
802.11ax20_RU_26/8	Chain 0	5320	2.12	4.68	6.80	11	Pass
	Chain 1	5320	2.84	4.68	7.52	11	Pass
	Chain 0+Chain 1	5320	5.51	4.68	10.19	11	Pass
802.11ax20_RU_52/37	Chain 0	5260	-0.34	6.71	6.37	11	Pass
		5280	0.73	6.71	7.44	11	Pass
	Chain 1	5260	-0.57	6.71	6.14	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax20_RU_52/37	Chain 1	5280	-0.54	6.71	6.17	11	Pass
	Chain 0+Chain 1	5260	2.56	6.71	9.27	11	Pass
		5280	3.15	6.71	9.86	11	Pass
802.11ax20_RU_52/40	Chain 0	5320	0.18	6.71	6.89	11	Pass
	Chain 1	5320	0.41	6.71	7.12	11	Pass
	Chain 0+Chain 1	5320	3.31	6.71	10.02	11	Pass
802.11ax20_RU_106/53	Chain 0	5260	-3.74	7.12	3.38	11	Pass
		5280	-3.88	7.12	3.24	11	Pass
	Chain 1	5260	-4.30	7.12	2.82	11	Pass
		5280	-4.07	7.12	3.05	11	Pass
	Chain 0+Chain 1	5260	-1.00	7.12	6.12	11	Pass
		5280	-0.96	7.12	6.16	11	Pass
802.11ax20_RU_106/54	Chain 0	5320	-3.60	7.12	3.52	11	Pass
	Chain 1	5320	-3.22	7.12	3.90	11	Pass
	Chain 0+Chain 1	5320	-0.40	7.12	6.72	11	Pass
802.11ax40_RU_Full	Chain 0	5270	-11.41	4.36	-7.05	11	Pass
		5310	-11.70	4.36	-7.34	11	Pass
	Chain 1	5270	-10.94	4.36	-6.58	11	Pass
		5310	-11.19	4.36	-6.83	11	Pass
	Chain 0+Chain 1	5270	-8.16	4.36	-3.80	11	Pass
		5310	-8.43	4.36	-4.07	11	Pass
802.11ax40_RU_26/0	Chain 0	5270	0.14	5.35	5.49	11	Pass
	Chain 1	5270	2.39	5.35	7.74	11	Pass
	Chain 0+Chain 1	5270	4.42	5.35	9.77	11	Pass
802.11ax40_RU_26/17	Chain 0	5310	2.34	5.35	7.69	11	Pass
	Chain 1	5310	2.59	5.35	7.94	11	Pass
	Chain 0+Chain 1	5310	5.48	5.35	10.83	11	Pass
802.11ax40_RU_52/37	Chain 0	5270	-2.15	6.40	4.25	11	Pass
	Chain 1	5270	-0.91	6.40	5.49	11	Pass
	Chain 0+Chain 1	5270	1.52	6.40	7.92	11	Pass
802.11ax40_RU_52/44	Chain 0	5310	-1.48	6.40	4.92	11	Pass
	Chain 1	5310	-0.08	6.40	6.32	11	Pass
	Chain 0+Chain 1	5310	2.29	6.40	8.69	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax40_RU_106/53	Chain 0	5270	-4.75	7.17	2.42	11	Pass
	Chain 1	5270	-3.85	7.17	3.32	11	Pass
	Chain 0+Chain 1	5270	-1.27	7.17	5.90	11	Pass
802.11ax40_RU_106/56	Chain 0	5310	-4.67	7.17	2.50	11	Pass
	Chain 1	5310	-3.83	7.17	3.34	11	Pass
	Chain 0+Chain 1	5310	-1.22	7.17	5.95	11	Pass
802.11ax40_RU_242/61	Chain 0	5270	-7.56	7.84	0.28	11	Pass
	Chain 1	5270	-8.09	7.84	-0.25	11	Pass
	Chain 0+Chain 1	5270	-4.81	7.84	3.03	11	Pass
802.11ax40_RU_242/62	Chain 0	5310	-8.17	7.84	-0.33	11	Pass
	Chain 1	5310	-7.48	7.84	0.36	11	Pass
	Chain 0+Chain 1	5310	-4.80	7.84	3.04	11	Pass
802.11ax80_RU_Full	Chain 0	5290	-14.90	6.56	-8.34	11	Pass
	Chain 1	5290	-14.53	6.56	-7.97	11	Pass
	Chain 0+Chain 1	5290	-11.70	6.56	-5.14	11	Pass
802.11ax80_RU_26/0	Chain 0	5290	2.65	4.84	7.49	11	Pass
	Chain 1	5290	3.39	4.84	8.23	11	Pass
	Chain 0+Chain 1	5290	6.05	4.84	10.89	11	Pass
802.11ax80_RU_52/37	Chain 0	5290	-1.02	6.75	5.73	11	Pass
	Chain 1	5290	-0.93	6.75	5.82	11	Pass
	Chain 0+Chain 1	5290	2.04	6.75	8.79	11	Pass
802.11ax80_RU_106/53	Chain 0	5290	-4.69	7.12	2.43	11	Pass
	Chain 1	5290	-3.68	7.12	3.44	11	Pass
	Chain 0+Chain 1	5290	-1.15	7.12	5.97	11	Pass
802.11ax80_RU_242/61	Chain 0	5290	-9.10	7.82	-1.28	11	Pass
	Chain 1	5290	-7.88	7.82	-0.06	11	Pass
	Chain 0+Chain 1	5290	-5.44	7.82	2.38	11	Pass
802.11ax80_RU_484/65	Chain 0	5290	-11.98	8.14	-3.84	11	Pass
	Chain 1	5290	-11.31	8.14	-3.17	11	Pass
	Chain 0+Chain 1	5290	-8.62	8.14	-0.48	11	Pass
802.11ax160_RU_Full	Chain 0	5250	-17.45	8.84	-8.61	11	Pass
	Chain 1	5250	-17.57	8.84	-8.73	11	Pass
	Chain 0+Chain 1	5250	-14.50	8.84	-5.66	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax160_RU_26/0	Chain 0	5250	1.76	5.44	7.20	11	Pass
	Chain 1	5250	1.10	5.44	6.54	11	Pass
	Chain 0+Chain 1	5250	4.45	5.44	9.89	11	Pass
802.11ax160_RU_52/37	Chain 0	5250	-2.66	6.78	4.12	11	Pass
	Chain 1	5250	-3.70	6.78	3.08	11	Pass
	Chain 0+Chain 1	5250	-0.14	6.78	6.64	11	Pass
802.11ax160_RU_106/53	Chain 0	5250	-4.71	7	2.29	11	Pass
	Chain 1	5250	-5.91	7	1.09	11	Pass
	Chain 0+Chain 1	5250	-2.26	7	4.74	11	Pass
802.11ax160_RU_242/61	Chain 0	5250	-9.15	8.65	-0.50	11	Pass
	Chain 1	5250	-8.77	8.65	-0.12	11	Pass
	Chain 0+Chain 1	5250	-5.95	8.65	2.70	11	Pass
802.11ax160_RU_484/65	Chain 0	5250	-12.62	8.71	-3.91	11	Pass
	Chain 1	5250	-12.07	8.71	-3.36	11	Pass
	Chain 0+Chain 1	5250	-9.33	8.71	-0.62	11	Pass

Note:

The device is a client unit.

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB, so directional gain = 4.5 dBi

Duty cycle $\geq 98\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 was used.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 was used. Duty cycle $< 98\%$, Duty Cycle Factor add to the result.

5470-5725MHz

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	Chain 0	5500	0.35	0	0.35	11	Pass
		5580	0.54	0	0.54	11	Pass
		5700	0.86	0	0.86	11	Pass
		5720	1.36	0	1.36	11	Pass
	Chain 1	5500	-1.06	0	-1.06	11	Pass
		5580	-1.12	0	-1.12	11	Pass
		5700	-1.07	0	-1.07	11	Pass
		5720	-1.41	0	-1.41	11	Pass
	Chain 0+Chain 1	5500	2.71	0	2.71	11	Pass
		5580	2.80	0	2.80	11	Pass
		5700	3.01	0	3.01	11	Pass
		5720	3.20	0	3.20	11	Pass
802.11n20	Chain 0	5500	0.02	0	0.02	11	Pass
		5580	0.50	0	0.50	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11n20	Chain 0	5700	0.47	0	0.47	11	Pass
		5720	1.18	0	1.18	11	Pass
	Chain 1	5500	-1.69	0	-1.69	11	Pass
		5580	-1.43	0	-1.43	11	Pass
		5700	-2.70	0	-2.70	11	Pass
		5720	-1.83	0	-1.83	11	Pass
	Chain 0+Chain 1	5500	2.26	0	2.26	11	Pass
		5580	2.65	0	2.65	11	Pass
		5700	2.18	0	2.18	11	Pass
		5720	2.94	0	2.94	11	Pass
802.11n40	Chain 0	5510	-2.07	0	-2.07	11	Pass
		5550	-1.77	0	-1.77	11	Pass
		5670	-2.06	0	-2.06	11	Pass
		5710	-1.18	0	-1.18	11	Pass
	Chain 1	5510	-3.71	0	-3.71	11	Pass
		5550	-3.62	0	-3.62	11	Pass
		5670	-4.99	0	-4.99	11	Pass
		5710	-4.30	0	-4.30	11	Pass
	Chain 0+Chain 1	5510	0.20	0	0.20	11	Pass
		5550	0.41	0	0.41	11	Pass
		5670	-0.27	0	-0.27	11	Pass
		5710	0.54	0	0.54	11	Pass
802.11ac80	Chain 0	5530	-6.73	0	-6.73	11	Pass
		5610	-6.73	0	-6.73	11	Pass
		5690	-6.03	0	-6.03	11	Pass
	Chain 1	5530	-8.71	0	-8.71	11	Pass
		5610	-9.45	0	-9.45	11	Pass
		5690	-9.41	0	-9.41	11	Pass
	Chain 0+Chain 1	5530	-4.60	0	-4.60	11	Pass
		5610	-4.87	0	-4.87	11	Pass
		5690	-4.39	0	-4.39	11	Pass
802.11ax20_RU_Full	Chain 0	5500	-6.85	2.76	-4.09	11	Pass
		5580	-7.45	2.76	-4.69	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax20_RU_Full	Chain 0	5700	-7.22	2.76	-4.46	11	Pass
		5720	-6.68	2.76	-3.92	11	Pass
	Chain 1	5500	-8.11	2.76	-5.35	11	Pass
		5580	-9.17	2.76	-6.41	11	Pass
		5700	-8.88	2.76	-6.12	11	Pass
		5720	-9.47	2.76	-6.71	11	Pass
	Chain 0+Chain 1	5500	-4.42	2.76	-1.66	11	Pass
		5580	-5.22	2.76	-2.46	11	Pass
		5700	-4.96	2.76	-2.20	11	Pass
		5720	-4.84	2.76	-2.08	11	Pass
802.11ax20_RU_26/0	Chain 0	5500	1.93	4.68	6.61	11	Pass
		5580	3.34	4.68	8.02	11	Pass
	Chain 1	5500	2.58	4.68	7.26	11	Pass
		5580	2.43	4.68	7.11	11	Pass
	Chain 0+Chain 1	5500	5.28	4.68	9.96	11	Pass
		5580	5.92	4.68	10.6	11	Pass
802.11ax20_RU_26/8	Chain 0	5700	2.52	4.68	7.20	11	Pass
		5720	2.37	4.68	7.05	11	Pass
	Chain 1	5700	2.48	4.68	7.16	11	Pass
		5720	1.89	4.68	6.57	11	Pass
	Chain 0+Chain 1	5700	5.51	4.68	10.19	11	Pass
		5720	5.15	4.68	9.83	11	Pass
802.11ax20_RU_52/37	Chain 0	5500	-0.09	6.71	6.62	11	Pass
		5580	0.09	6.71	6.8	11	Pass
	Chain 1	5500	-1.67	6.71	5.04	11	Pass
		5580	-2.31	6.71	4.4	11	Pass
	Chain 0+Chain 1	5500	2.20	6.71	8.91	11	Pass
		5580	2.06	6.71	8.77	11	Pass
802.11ax20_RU_52/40	Chain 0	5700	1.08	6.71	7.79	11	Pass
		5720	1.40	6.71	8.11	11	Pass
	Chain 1	5700	-2.48	6.71	4.23	11	Pass
		5720	-2.43	6.71	4.28	11	Pass
	Chain 0+Chain 1	5700	2.67	6.71	9.38	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax20_RU_52/40	Chain 0+Chain 1	5720	2.90	6.71	9.61	11	Pass
802.11ax20_RU_106/53	Chain 0	5500	-3.28	7.12	3.84	11	Pass
		5580	-2.60	7.12	4.52	11	Pass
	Chain 1	5500	-5.35	7.12	1.77	11	Pass
		5580	-5.68	7.12	1.44	11	Pass
	Chain 0+Chain 1	5500	-1.18	7.12	5.94	11	Pass
		5580	-0.86	7.12	6.26	11	Pass
802.11ax20_RU_106/54	Chain 0	5700	-2.19	7.12	4.93	11	Pass
		5720	-2.49	7.12	4.63	11	Pass
	Chain 1	5700	-6.02	7.12	1.1	11	Pass
		5720	-6.16	7.12	0.96	11	Pass
	Chain 0+Chain 1	5700	-0.69	7.12	6.43	11	Pass
		5720	-0.94	7.12	6.18	11	Pass
802.11ax40_RU_Full	Chain 0	5510	-11.77	4.36	-7.41	11	Pass
		5550	-11.05	4.36	-6.69	11	Pass
		5670	-11.05	4.36	-6.69	11	Pass
		5710	-11.16	4.36	-6.8	11	Pass
	Chain 1	5510	-11.93	4.36	-7.57	11	Pass
		5550	-12.51	4.36	-8.15	11	Pass
		5670	-13.19	4.36	-8.83	11	Pass
		5710	-13.67	4.36	-9.31	11	Pass
	Chain 0+Chain 1	5510	-8.84	4.36	-4.48	11	Pass
		5550	-8.71	4.36	-4.35	11	Pass
		5670	-8.98	4.36	-4.62	11	Pass
		5710	-9.23	4.36	-4.87	11	Pass
802.11ax40_RU_26/0	Chain 0	5510	1.97	5.35	7.32	11	Pass
		5550	3.14	5.35	8.49	11	Pass
	Chain 1	5510	2.29	5.35	7.64	11	Pass
		5550	1.30	5.35	6.65	11	Pass
	Chain 0+Chain 1	5510	5.14	5.35	10.49	11	Pass
		5550	5.33	5.35	10.68	11	Pass
802.11ax40_RU_26/17	Chain 0	5670	2.44	5.35	7.79	11	Pass
		5710	2.68	5.35	8.03	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax40_RU_26/17	Chain 1	5670	1.44	5.35	6.79	11	Pass
		5710	1.95	5.35	7.30	11	Pass
	Chain 0+Chain 1	5670	4.98	5.35	10.33	11	Pass
		5710	5.34	5.35	10.69	11	Pass
802.11ax40_RU_52/37	Chain 0	5510	-0.81	6.40	5.59	11	Pass
		5550	-1.29	6.40	5.11	11	Pass
	Chain 1	5510	-1.64	6.40	4.76	11	Pass
		5550	-1.69	6.40	4.71	11	Pass
	Chain 0+Chain 1	5510	1.81	6.40	8.21	11	Pass
		5550	1.52	6.40	7.92	11	Pass
802.11ax40_RU_52/44	Chain 0	5670	-0.50	6.40	5.9	11	Pass
		5710	-0.74	6.40	5.66	11	Pass
	Chain 1	5670	-2.74	6.40	3.66	11	Pass
		5710	-2.50	6.40	3.9	11	Pass
	Chain 0+Chain 1	5670	1.53	6.40	7.93	11	Pass
		5710	1.48	6.40	7.88	11	Pass
802.11ax40_RU_106/53	Chain 0	5510	-4.18	7.17	2.99	11	Pass
		5550	-4.48	7.17	2.69	11	Pass
	Chain 1	5510	-5.56	7.17	1.61	11	Pass
		5550	-5.12	7.17	2.05	11	Pass
	Chain 0+Chain 1	5510	-1.81	7.17	5.36	11	Pass
		5550	-1.78	7.17	5.39	11	Pass
802.11ax40_RU_106/56	Chain 0	5670	-3.90	7.17	3.27	11	Pass
		5710	-3.81	7.17	3.36	11	Pass
	Chain 1	5670	-6.05	7.17	1.12	11	Pass
		5710	-6.18	7.17	0.99	11	Pass
	Chain 0+Chain 1	5670	-1.83	7.17	5.34	11	Pass
		5710	-1.82	7.17	5.35	11	Pass
802.11ax40_RU_242/61	Chain 0	5510	-8.07	7.84	-0.23	11	Pass
		5550	-8.45	7.84	-0.61	11	Pass
	Chain 1	5510	-8.80	7.84	-0.96	11	Pass
		5550	-8.87	7.84	-1.03	11	Pass
	Chain 0+Chain 1	5510	-5.41	7.84	2.43	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax40_RU_242/61	Chain 0+Chain 1	5550	-5.64	7.84	2.20	11	Pass
802.11ax40_RU_242/62	Chain 0	5670	-7.85	7.84	-0.01	11	Pass
		5710	-6.80	7.84	1.04	11	Pass
	Chain 1	5670	-10.18	7.84	-2.34	11	Pass
		5710	-10.33	7.84	-2.49	11	Pass
	Chain 0+Chain 1	5670	-5.85	7.84	1.99	11	Pass
		5710	-5.21	7.84	2.63	11	Pass
802.11ax80_RU_Full	Chain 0	5530	-13.87	6.56	-7.31	11	Pass
		5610	-14.75	6.56	-8.19	11	Pass
		5690	-14.25	6.56	-7.69	11	Pass
	Chain 1	5530	-16.22	6.56	-9.66	11	Pass
		5610	-17.07	6.56	-10.51	11	Pass
		5690	-16.83	6.56	-10.27	11	Pass
	Chain 0+Chain 1	5530	-11.88	6.56	-5.32	11	Pass
		5610	-12.75	6.56	-6.19	11	Pass
		5690	-12.34	6.56	-5.78	11	Pass
802.11ax80_RU_26/0	Chain 0	5530	2.54	4.84	7.38	11	Pass
		5610	2.18	4.84	7.02	11	Pass
	Chain 1	5530	2.32	4.84	7.16	11	Pass
		5610	1.87	4.84	6.71	11	Pass
	Chain 0+Chain 1	5530	5.44	4.84	10.28	11	Pass
		5610	5.04	4.84	9.88	11	Pass
802.11ax80_RU_26/36	Chain 0	5690	4.09	4.84	8.93	11	Pass
	Chain 1	5690	1.66	4.84	6.50	11	Pass
	Chain 0+Chain 1	5690	6.05	4.84	10.89	11	Pass
802.11ax80_RU_52/37	Chain 0	5530	-0.36	6.75	6.39	11	Pass
		5610	-1.43	6.75	5.32	11	Pass
	Chain 1	5530	-1.97	6.75	4.78	11	Pass
		5610	-2.79	6.75	3.96	11	Pass
	Chain 0+Chain 1	5530	1.92	6.75	8.67	11	Pass
		5610	0.95	6.75	7.70	11	Pass
802.11ax80_RU_52/52	Chain 0	5690	-0.61	6.75	6.14	11	Pass
	Chain 1	5690	-3.09	6.75	3.66	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax80_RU_52/52	Chain 0+Chain 1	5690	1.33	6.75	8.08	11	Pass
802.11ax80_RU_106/53	Chain 0	5530	-4.02	7.12	3.1	11	Pass
		5610	-5.28	7.12	1.84	11	Pass
	Chain 1	5530	-5.46	7.12	1.66	11	Pass
		5610	-5.42	7.12	1.7	11	Pass
	Chain 0+Chain 1	5530	-1.67	7.12	5.45	11	Pass
		5610	-2.34	7.12	4.78	11	Pass
802.11ax80_RU_106/60	Chain 0	5690	-3.86	7.12	3.26	11	Pass
	Chain 1	5690	-5.58	7.12	1.54	11	Pass
	Chain 0+Chain 1	5690	-1.63	7.12	5.49	11	Pass
802.11ax80_RU_242/61	Chain 0	5530	-7.98	7.82	-0.16	11	Pass
		5610	-8.45	7.82	-0.63	11	Pass
	Chain 1	5530	-9.37	7.82	-1.55	11	Pass
		5610	-10.62	7.82	-2.8	11	Pass
	Chain 0+Chain 1	5530	-5.61	7.82	2.21	11	Pass
		5610	-6.39	7.82	1.43	11	Pass
802.11ax80_RU_242/64	Chain 0	5690	-7.48	7.82	0.34	11	Pass
	Chain 1	5690	-10.48	7.82	-2.66	11	Pass
	Chain 0+Chain 1	5690	-5.72	7.82	2.10	11	Pass
802.11ax80_RU_484/65	Chain 0	5530	-11.43	8.14	-3.29	11	Pass
		5610	-12.01	8.14	-3.87	11	Pass
	Chain 1	5530	-11.66	8.14	-3.52	11	Pass
		5610	-12.47	8.14	-4.33	11	Pass
	Chain 0+Chain 1	5530	-8.53	8.14	-0.39	11	Pass
		5610	-9.22	8.14	-1.08	11	Pass
802.11ax80_RU_484/66	Chain 0	5690	-10.82	8.14	-2.68	11	Pass
	Chain 1	5690	-12.64	8.14	-4.50	11	Pass
	Chain 0+Chain 1	5690	-8.63	8.14	-0.49	11	Pass
802.11ax160_RU_Full	Chain 0	5570	-17.49	8.84	-8.65	11	Pass
	Chain 1	5570	-18.58	8.84	-9.74	11	Pass
	Chain 0+Chain 1	5570	-14.99	8.84	-6.15	11	Pass
802.11ax160_RU_26/0	Chain 0	5570	2.75	5.44	8.19	11	Pass
	Chain 1	5570	2.16	5.44	7.60	11	Pass

Mode	Antenna	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor(dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11ax160_RU_26/0	Chain 0+Chain 1	5570	5.48	5.44	10.92	11	Pass
802.11ax160_RU_52/37	Chain 0	5570	-1.23	6.78	5.55	11	Pass
	Chain 1	5570	-2.94	6.78	3.84	11	Pass
	Chain 0+Chain 1	5570	1.01	6.78	7.79	11	Pass
802.11ax160_RU_106/53	Chain 0	5570	-5.39	7	1.61	11	Pass
	Chain 1	5570	-6.10	7	0.90	11	Pass
	Chain 0+Chain 1	5570	-2.72	7	4.28	11	Pass
802.11ax160_RU_242/61	Chain 0	5570	-8.47	8.65	0.18	11	Pass
	Chain 1	5570	-9.44	8.65	-0.79	11	Pass
	Chain 0+Chain 1	5570	-5.92	8.65	2.73	11	Pass
802.11ax160_RU_484/65	Chain 0	5570	-12.26	8.71	-3.55	11	Pass
	Chain 1	5570	-13.35	8.71	-4.64	11	Pass
	Chain 0+Chain 1	5570	-9.76	8.71	-1.05	11	Pass

Note:

The device is a client unit.

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB, so directional gain = 4.5 dBi

Duty cycle $\geq 98\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 was used.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 was used. Duty cycle $< 98\%$, Duty Cycle Factor add to the result.

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Reading(dBm /500kHz)	Duty Cycle Factor(dB)	Result(dBm /500kHz)	Limit(dBm /500kHz)	Verdict
802.11a	Chain 0	5745	-1.94	0	-1.94	30	Pass
		5785	-1.68	0	-1.68	30	Pass
		5825	-1.87	0	-1.87	30	Pass
	Chain 1	5745	-6.11	0	-6.11	30	Pass
		5785	-5.36	0	-5.36	30	Pass
		5825	-5.72	0	-5.72	30	Pass
	Chain 0+Chain 1	5745	-0.53	0	-0.53	30	Pass
		5785	-0.13	0	-0.13	30	Pass
		5825	-0.37	0	-0.37	30	Pass
802.11n20	Chain 0	5745	-2.13	0	-2.13	30	Pass
		5785	-1.74	0	-1.74	30	Pass
		5825	-2.32	0	-2.32	30	Pass
	Chain 1	5745	-6.54	0	-6.54	30	Pass
		5785	-5.96	0	-5.96	30	Pass
		5825	-5.99	0	-5.99	30	Pass
	Chain 0+Chain 1	5745	-0.79	0	-0.79	30	Pass

Mode	Antenna	Test Frequency (MHz)	Reading(dBm /500kHz)	Duty Cycle Factor(dB)	Result(dBm /500kHz)	Limit(dBm /500kHz)	Verdict
802.11n20	Chain 0+Chain 1	5785	-0.35	0	-0.35	30	Pass
		5825	-0.77	0	-0.77	30	Pass
802.11n40	Chain 0	5755	-4.68	0	-4.68	30	Pass
		5795	-4.39	0	-4.39	30	Pass
	Chain 1	5755	-9.08	0	-9.08	30	Pass
		5795	-8.80	0	-8.80	30	Pass
	Chain 0+Chain 1	5755	-3.33	0	-3.33	30	Pass
		5795	-3.05	0	-3.05	30	Pass
802.11ac80	Chain 0	5775	-9.05	0	-9.05	30	Pass
	Chain 1	5775	-13.48	0	-13.48	30	Pass
	Chain 0+Chain 1	5775	-7.71	0	-7.71	30	Pass
802.11ax20_RU_Full	Chain 0	5745	-9.53	2.76	-6.77	30	Pass
		5785	-9.96	2.76	-7.20	30	Pass
		5825	-9.39	2.76	-6.63	30	Pass
	Chain 1	5745	-12.99	2.76	-10.23	30	Pass
		5785	-12.54	2.76	-9.78	30	Pass
		5825	-13.52	2.76	-10.76	30	Pass
	Chain 0+Chain 1	5745	-7.91	2.76	-5.15	30	Pass
		5785	-8.05	2.76	-5.29	30	Pass
		5825	-7.97	2.76	-5.21	30	Pass
802.11ax20_RU_26/0	Chain 0	5745	2.36	4.68	7.04	30	Pass
		5785	2.57	4.68	7.25	30	Pass
	Chain 1	5745	-2.93	4.68	1.75	30	Pass
		5785	-2.16	4.68	2.52	30	Pass
	Chain 0+Chain 1	5745	3.49	4.68	8.17	30	Pass
		5785	3.83	4.68	8.51	30	Pass
802.11ax20_RU_26/8	Chain 0	5825	3.11	4.68	7.79	30	Pass
	Chain 1	5825	-3.20	4.68	1.48	30	Pass
	Chain 0+Chain 1	5825	4.02	4.68	8.70	30	Pass
802.11ax20_RU_52/37	Chain 0	5745	-2.30	6.71	4.41	30	Pass
		5785	-2.64	6.71	4.07	30	Pass
	Chain 1	5745	-6.59	6.71	0.12	30	Pass
		5785	-7.11	6.71	-0.40	30	Pass

Mode	Antenna	Test Frequency (MHz)	Reading(dBm /500kHz)	Duty Cycle Factor(dB)	Result(dBm /500kHz)	Limit(dBm /500kHz)	Verdict
802.11ax20_RU_52/37	Chain 0+Chain 1	5745	-0.93	6.71	5.78	30	Pass
		5785	-1.31	6.71	5.40	30	Pass
802.11ax20_RU_52/40	Chain 0	5825	-1.71	6.71	5.00	30	Pass
	Chain 1	5825	-7.38	6.71	-0.67	30	Pass
	Chain 0+Chain 1	5825	-0.67	6.71	6.04	30	Pass
802.11ax20_RU_106/53	Chain 0	5745	-5.33	7.12	1.79	30	Pass
		5785	-5.34	7.12	1.78	30	Pass
	Chain 1	5745	-10.27	7.12	-3.15	30	Pass
		5785	-9.70	7.12	-2.58	30	Pass
	Chain 0+Chain 1	5745	-4.12	7.12	3.00	30	Pass
		5785	-3.98	7.12	3.14	30	Pass
802.11ax20_RU_106/54	Chain 0	5825	-6.19	7.12	0.93	30	Pass
	Chain 1	5825	-11.20	7.12	-4.08	30	Pass
	Chain 0+Chain 1	5825	-5.00	7.12	2.12	30	Pass
802.11ax40_RU_Full	Chain 0	5755	-12.99	4.36	-8.63	30	Pass
		5795	-13.39	4.36	-9.03	30	Pass
	Chain 1	5755	-18.00	4.36	-13.64	30	Pass
		5795	-16.86	4.36	-12.5	30	Pass
	Chain 0+Chain 1	5755	-11.8	4.36	-7.44	30	Pass
		5795	-11.78	4.36	-7.42	30	Pass
802.11ax40_RU_26/0	Chain 0	5755	1.32	5.35	6.67	30	Pass
	Chain 1	5755	-1.61	5.35	3.74	30	Pass
	Chain 0+Chain 1	5755	3.11	5.35	8.46	30	Pass
802.11ax40_RU_26/17	Chain 0	5795	1.44	5.35	6.79	30	Pass
	Chain 1	5795	-2.81	5.35	2.54	30	Pass
	Chain 0+Chain 1	5795	2.83	5.35	8.18	30	Pass
802.11ax40_RU_52/37	Chain 0	5755	-3.56	6.40	2.84	30	Pass
	Chain 1	5755	-7.35	6.40	-0.95	30	Pass
	Chain 0+Chain 1	5755	-2.04	6.40	4.36	30	Pass
802.11ax40_RU_52/44	Chain 0	5795	-2.70	6.40	3.70	30	Pass
	Chain 1	5795	-6.80	6.40	-0.40	30	Pass
	Chain 0+Chain 1	5795	-1.27	6.40	5.13	30	Pass
802.11ax40_RU_106/53	Chain 0	5755	-7.00	7.17	0.17	30	Pass

Mode	Antenna	Test Frequency (MHz)	Reading(dBm /500kHz)	Duty Cycle Factor(dB)	Result(dBm /500kHz)	Limit(dBm /500kHz)	Verdict
802.11ax40_RU_106/53	Chain 1	5755	-10.14	7.17	-2.97	30	Pass
	Chain 0+Chain 1	5755	-5.28	7.17	1.89	30	Pass
802.11ax40_RU_106/56	Chain 0	5795	-6.72	7.17	0.45	30	Pass
	Chain 1	5795	-10.24	7.17	-3.07	30	Pass
	Chain 0+Chain 1	5795	-5.12	7.17	2.05	30	Pass
802.11ax40_RU_242/61	Chain 0	5755	-9.67	7.84	-1.83	30	Pass
	Chain 1	5755	-14.21	7.84	-6.37	30	Pass
	Chain 0+Chain 1	5755	-8.36	7.84	-0.52	30	Pass
802.11ax40_RU_242/62	Chain 0	5795	-10.31	7.84	-2.47	30	Pass
	Chain 1	5795	-14.06	7.84	-6.22	30	Pass
	Chain 0+Chain 1	5795	-8.78	7.84	-0.94	30	Pass
802.11ax80_RU_Full	Chain 0	5775	-16.53	6.56	-9.97	30	Pass
	Chain 1	5775	-20.54	6.56	-13.98	30	Pass
	Chain 0+Chain 1	5775	-15.08	6.56	-8.52	30	Pass
802.11ax80_RU_26/0	Chain 0	5775	0.44	4.84	5.28	30	Pass
	Chain 1	5775	-2.79	4.84	2.05	30	Pass
	Chain 0+Chain 1	5775	2.13	4.84	6.97	30	Pass
802.11ax80_RU_52/37	Chain 0	5775	-4.63	6.75	2.12	30	Pass
	Chain 1	5775	-7.18	6.75	-0.43	30	Pass
	Chain 0+Chain 1	5775	-2.71	6.75	4.04	30	Pass
802.11ax80_RU_106/53	Chain 0	5775	-6.79	7.12	0.33	30	Pass
	Chain 1	5775	-10.62	7.12	-3.50	30	Pass
	Chain 0+Chain 1	5775	-5.29	7.12	1.83	30	Pass
802.11ax80_RU_242/61	Chain 0	5775	-10.79	7.82	-2.97	30	Pass
	Chain 1	5775	-14.40	7.82	-6.58	30	Pass
	Chain 0+Chain 1	5775	-9.22	7.82	-1.40	30	Pass
802.11ax80_RU_484/65	Chain 0	5775	-13.15	8.14	-5.01	30	Pass
	Chain 1	5775	-16.69	8.14	-8.55	30	Pass
	Chain 0+Chain 1	5775	-11.56	8.14	-3.42	30	Pass

Note:

The device is a client unit.

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

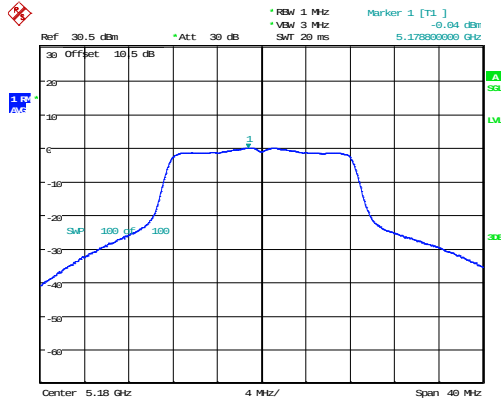
Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB, so directional gain = 4.5 dBi

Duty cycle $\geq 98\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 was used.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 was used. Duty cycle $< 98\%$, Duty Cycle Factor add to the result.

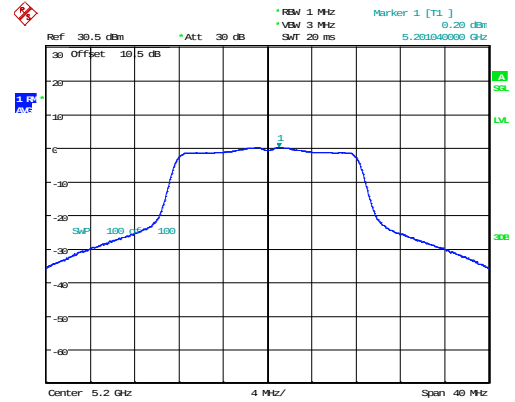
5150-5250MHz

802.11a_5180MHz_Chain 0



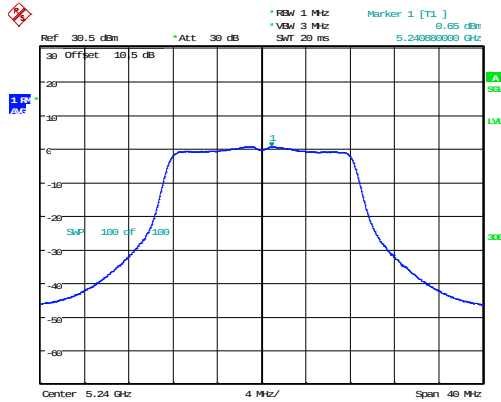
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802.11a_5200MHz_Chain 0



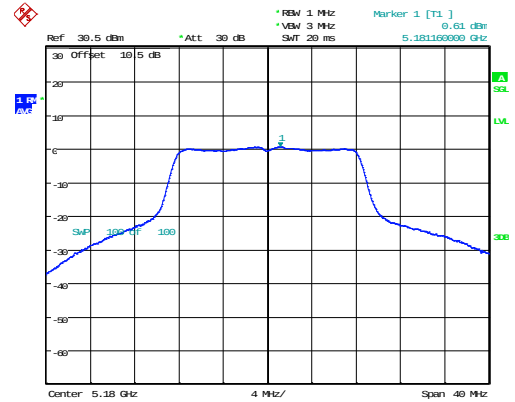
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802.11a_5240MHz_Chain 0



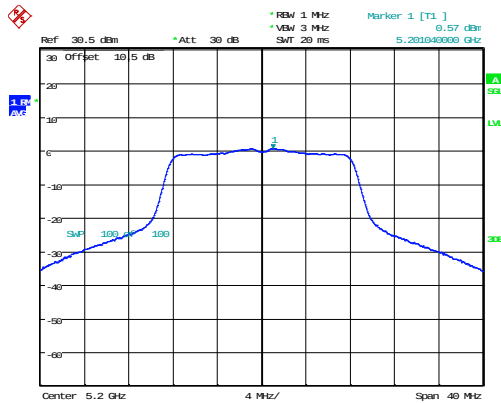
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Date: 8.DEC.2024 17:38:59

802.11a_5180MHz_Chain 1



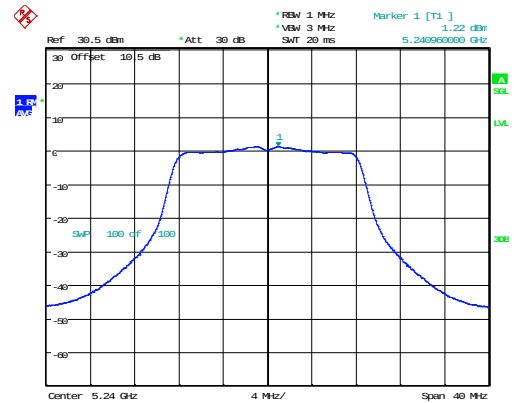
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 19:57:13

802.11a_5200MHz_Chain 1



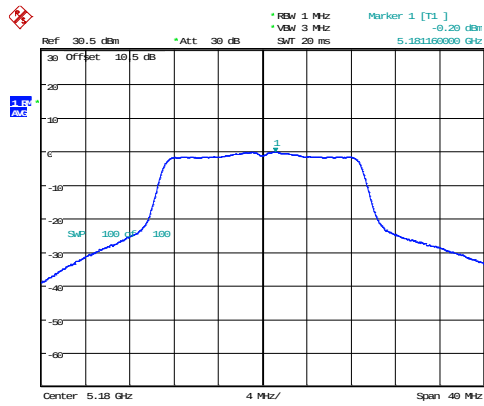
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Date: 23.DEC.2024 20:00:39

802.11a_5240MHz_Chain 1



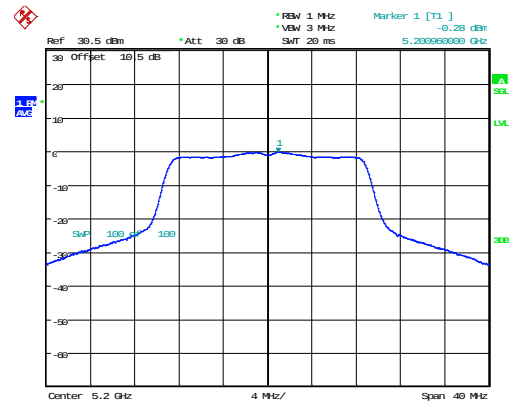
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 20:02:32

802.11n20_5180MHz_Chain 0



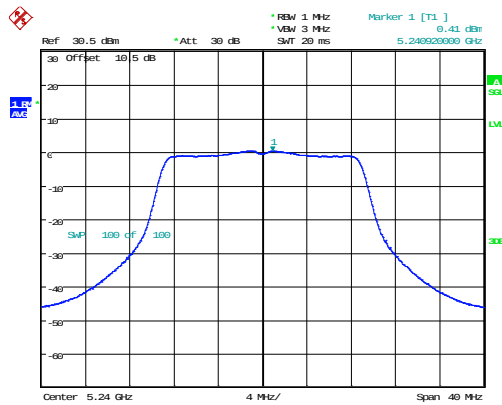
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Date: 8.DEC.2024 18:45:13

802.11n20_5200MHz_Chain 0



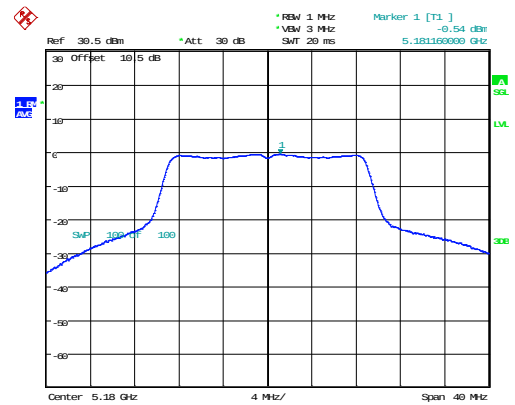
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Date: 8.DEC.2024 18:47:18

802.11n20_5240MHz_Chain 0



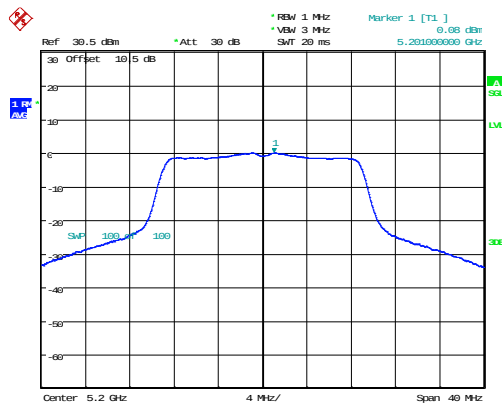
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 8.DEC.2024 18:49:36

802.11n20_5180MHz_Chain 1



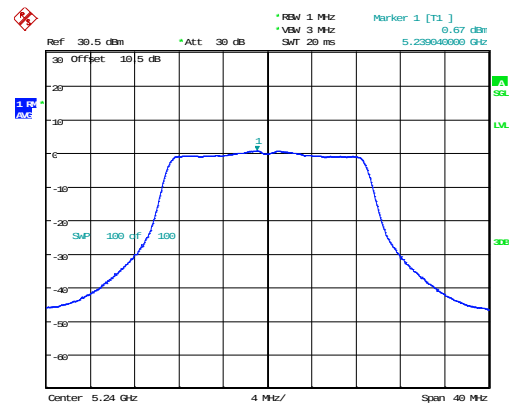
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 20:06:03

802.11n20_5200MHz_Chain 1



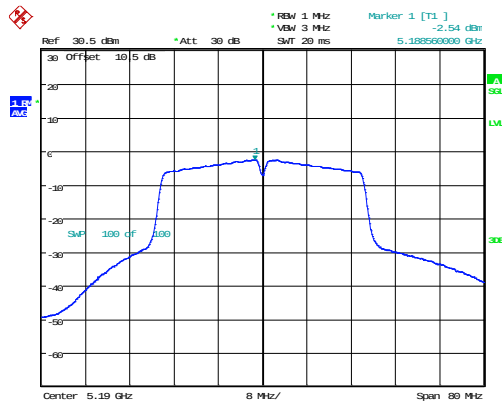
ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 20:08:06

802.11n20_5240MHz_Chain 1



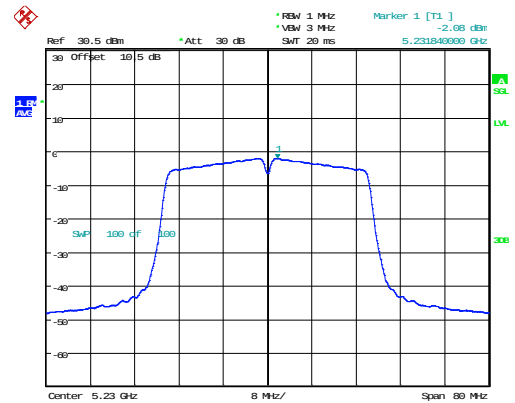
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Date: 23.DEC.2024 20:10:18

802.11n40_5190MHz_Chain 0



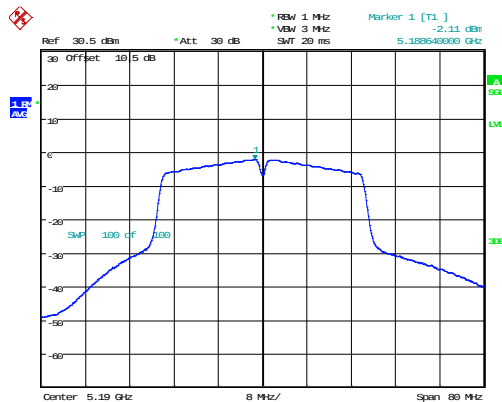
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Date: 8.DEC.2024 19:48:36

802.11n40_5230MHz_Chain 0



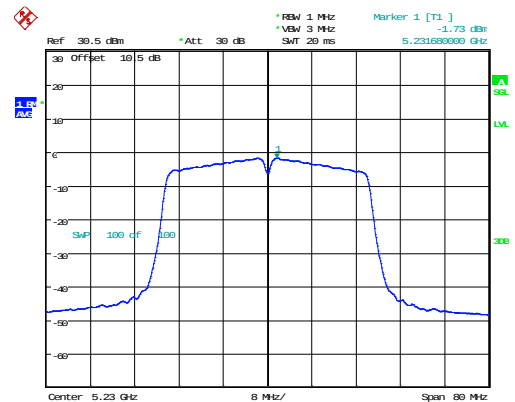
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Date: 8.DEC.2024 19:51:05

802.11n40_5190MHz_Chain 1



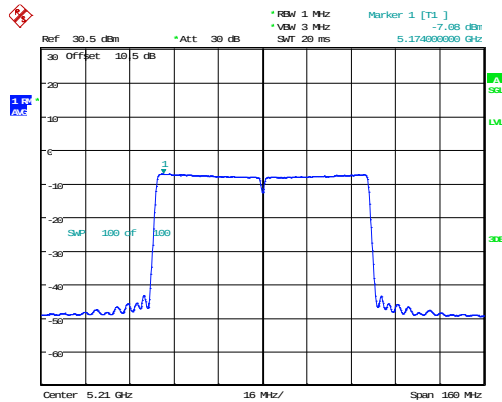
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Date: 23.DEC.2024 20:12:31

802.11n40_5230MHz_Chain 1



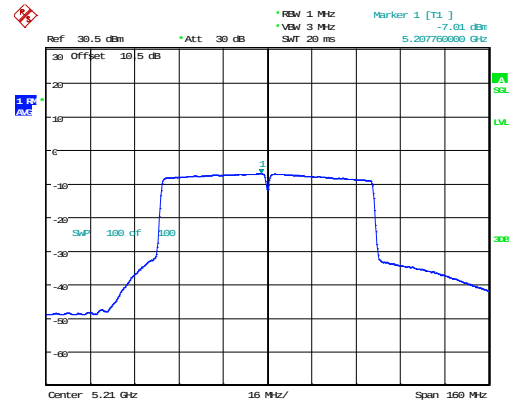
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Date: 23.DEC.2024 20:14:35

802.11ac80_5210MHz_Chain 0



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 8.DEC.2024 17:05:27

802.11ac80_5210MHz_Chain 1



ProjectNo.:2403Z104805E-RF Tester:Chin Qin
Date: 23.DEC.2024 20:17:22