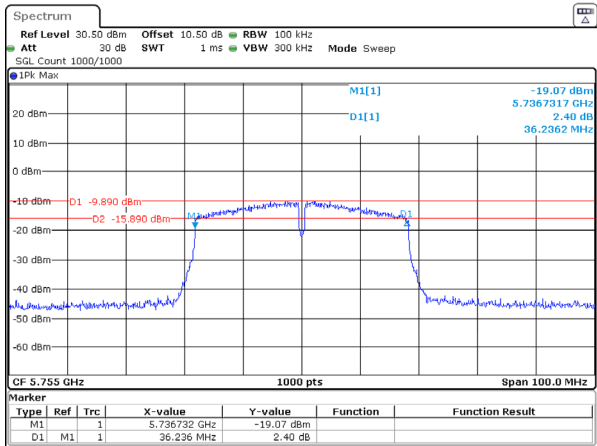
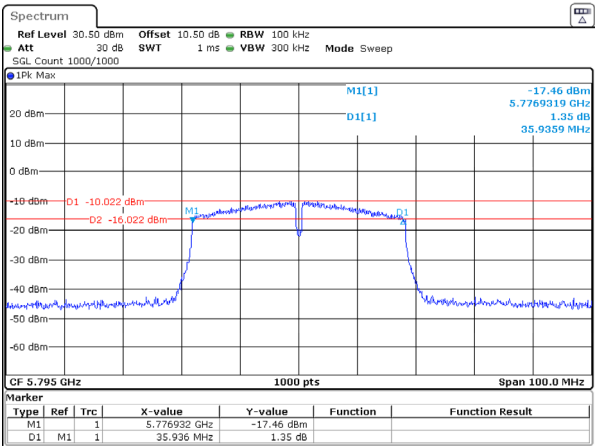


802.11ac40_5755MHz_Chain 0



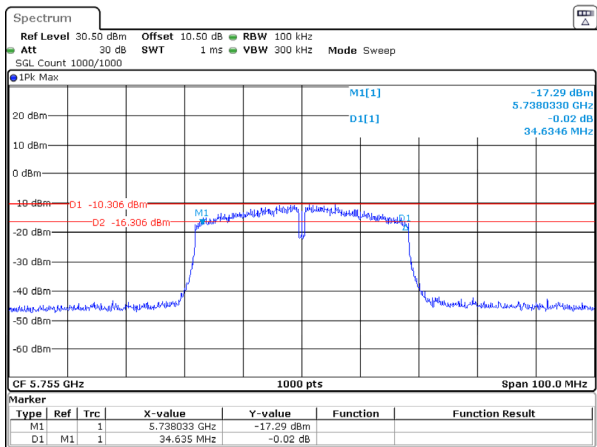
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Date: 16.APR.2025 23:37:15

802.11ac40_5795MHz_Chain 0



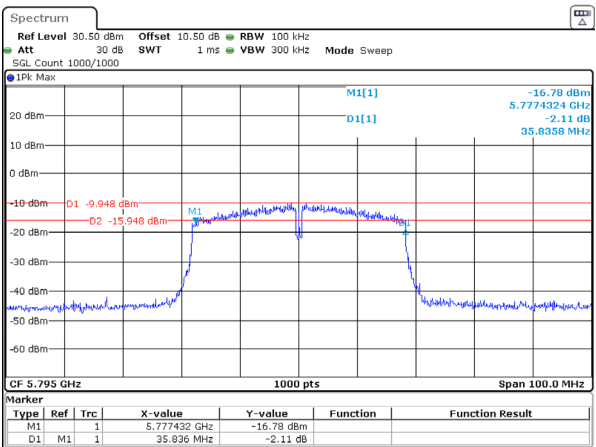
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Date: 16.APR.2025 23:38:27

802.11ac40_5755MHz_Chain 1



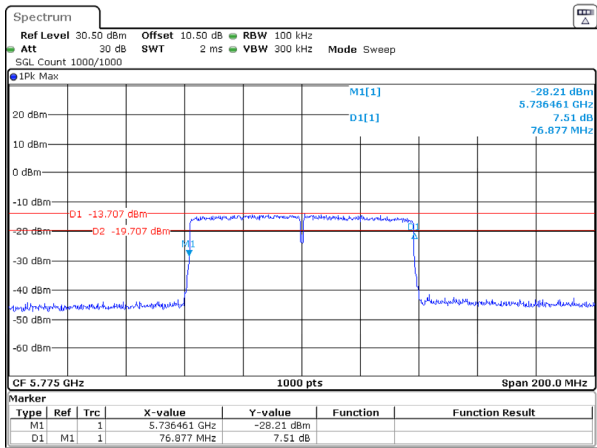
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Date: 17.APR.2025 00:51:20

802.11ac40_5795MHz_Chain 1



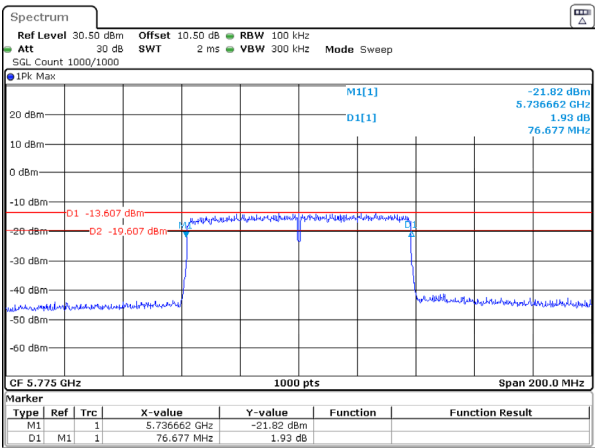
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Date: 17.APR.2025 00:52:35

802.11ac80_5775MHz_Chain 0



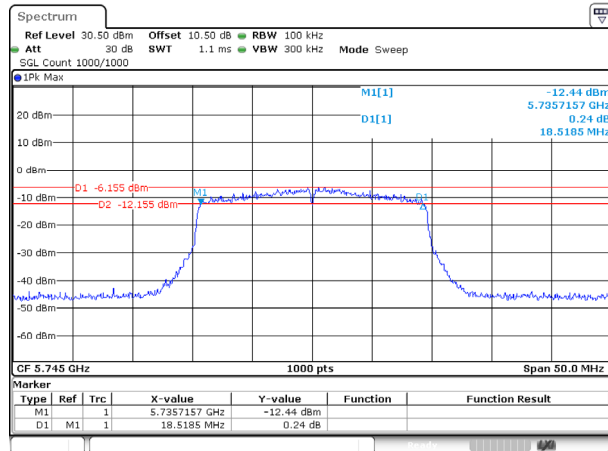
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Date: 16.APR.2025 23:43:51

802.11ac80_5775MHz_Chain 1



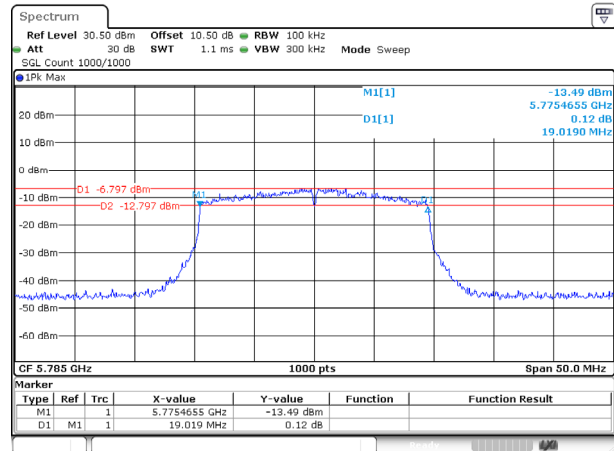
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Date: 17.APR.2025 00:53:56

802.11ax20_5745MHz_RU_Full_Chain 0



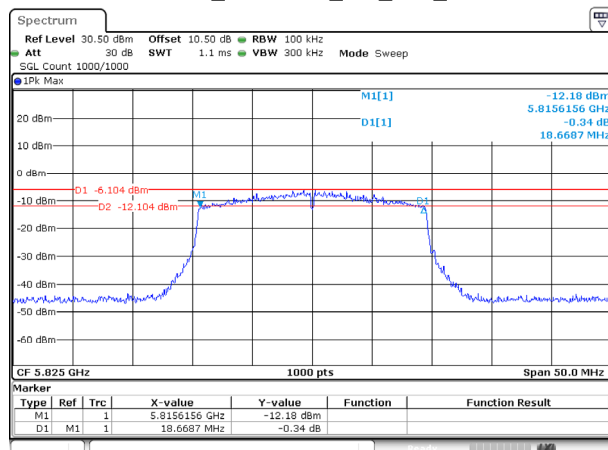
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Date: 25.JUN.2025 18:36:20

802.11ax20_5785MHz_RU_Full_Chain 0



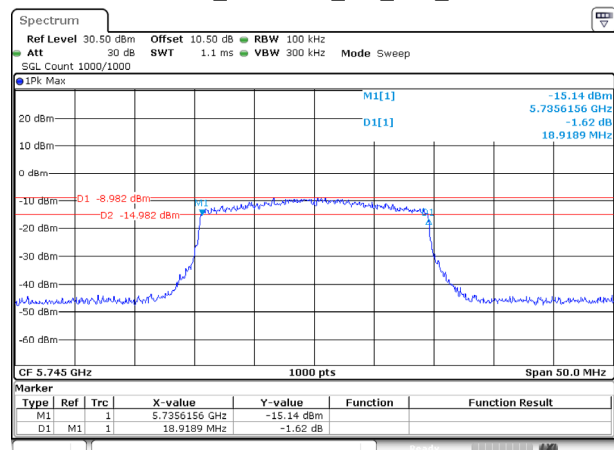
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Date: 25.JUN.2025 18:38:32

802.11ax20_5825MHz_RU_Full_Chain 0



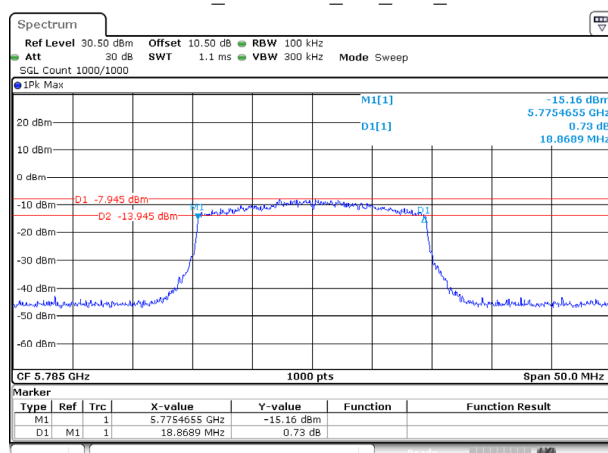
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802.11ax20_5745MHz_RU_Full_Chain 1



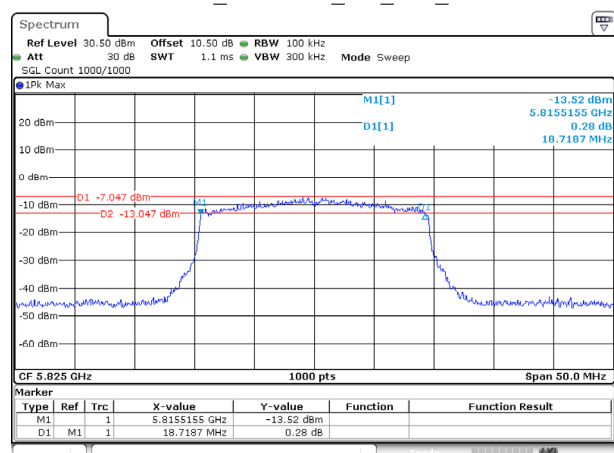
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802.11ax20_5785MHz_RU_Full_Chain 1



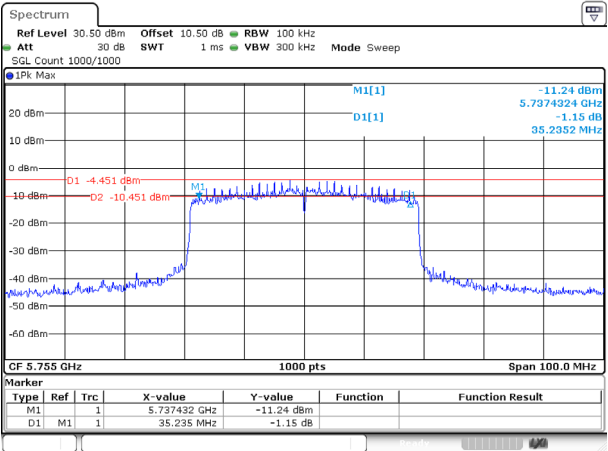
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 18:48:02

802.11ax20_5825MHz_RU_Full_Chain 1



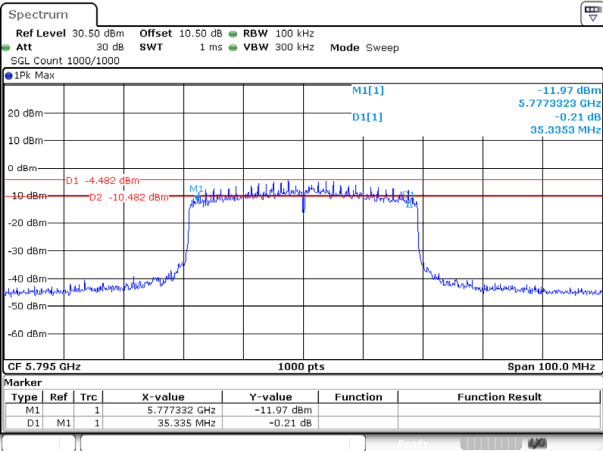
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Date: 25.JUN.2025 18:49:20

802.11ax40_5755MHz_RU_Full_Chain 0



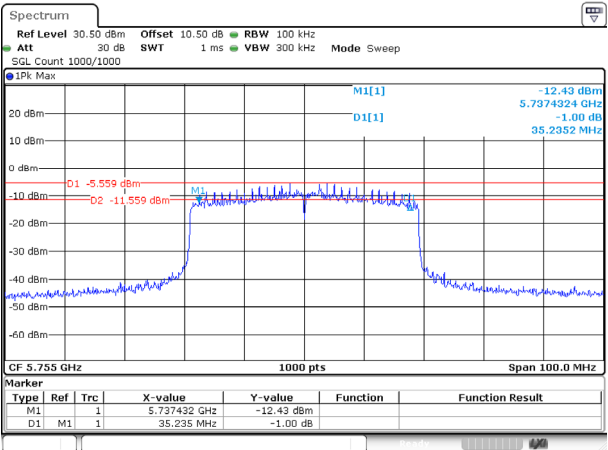
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Date: 25.JUN.2025 10:04:21

802.11ax40_5795MHz_RU_Full_Chain 0



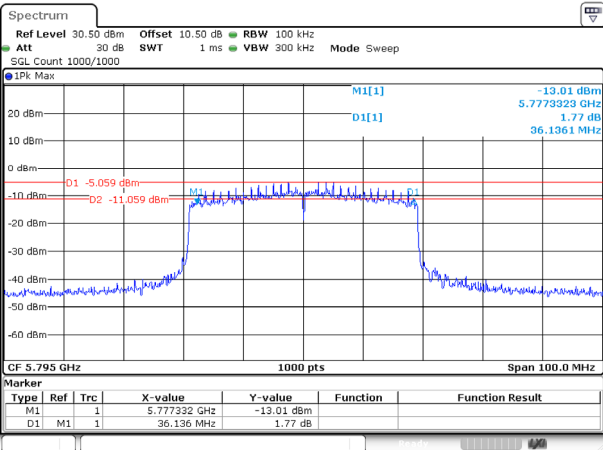
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802.11ax40_5755MHz_RU_Full_Chain 1



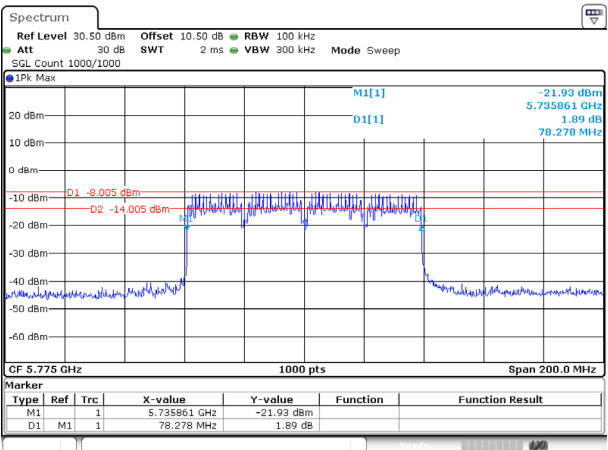
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Date: 25.JUN.2025 10:27:16

802.11ax40_5795MHz_RU_Full_Chain 1



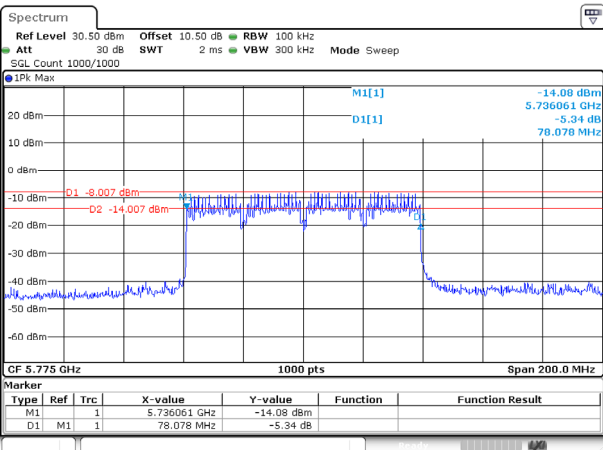
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:28:02

802.11ax80_5775MHz_RU_Full_Chain 0



ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 18:42:26

802.11ax80_5775MHz_RU_Full_Chain 1



ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 25.JUN.2025 10:29:46

99% Occupied Bandwidth**Test Information:**

Sample No.:	306X-1	Test Date:	2025/04/16~2025/06/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5-26.9	Relative Humidity: (%)	47-55	ATM Pressure: (kPa)	100.1~101
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**Test Data:
5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5180	16.800
		5200	16.800
		5240	16.850
	Chain 1	5180	16.850
		5200	16.750
		5240	16.650
802.11ac20	Chain 0	5180	17.950
		5200	17.950
		5240	17.950
	Chain 1	5180	17.800
		5200	17.850
		5240	17.850
802.11ac40	Chain 0	5190	36
		5230	36.100
	Chain 1	5190	35.800
		5230	36
802.11ac80	Chain 0	5210	75.600
	Chain 1	5210	75.600
802.11ax20_RU_Full	Chain 0	5180	18.950
		5200	18.900
		5240	18.950
	Chain 1	5180	18.950
		5200	18.950
		5240	18.900
802.11ax40_RU_Full	Chain 0	5190	37.800
		5230	37.700
	Chain 1	5190	37.600
		5230	37.700
802.11ax80_RU_Full	Chain 0	5210	77.400
	Chain 1	5210	77.200

Note:

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

5725-5850MHz

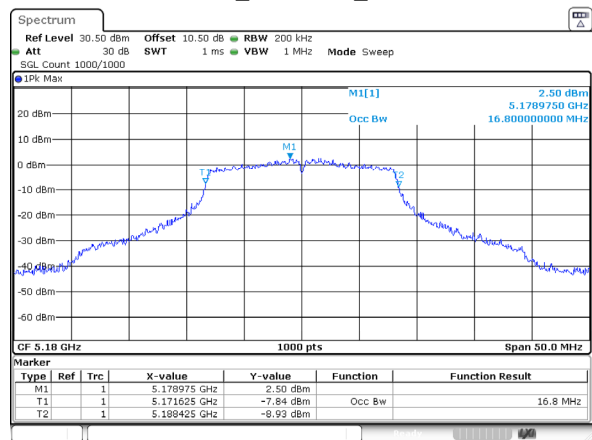
Mode	Antenna	Test Frequency (MHz)	99% OBW (MHz)
802.11a	Chain 0	5745	16.800
		5785	16.800
		5825	16.850
	Chain 1	5745	16.800
		5785	16.750
		5825	16.800
802.11ac20	Chain 0	5745	18
		5785	17.950
		5825	18
	Chain 1	5745	17.900
		5785	17.900
		5825	17.900
802.11ac40	Chain 0	5755	36.100
		5795	36.100
	Chain 1	5755	35.900
		5795	35.900
802.11ac80	Chain 0	5775	75.600
	Chain 1	5775	75.800
802.11ax20_RU_Full	Chain 0	5745	18.900
		5785	18.900
		5825	18.850
	Chain 1	5745	19.000
		5785	18.900
		5825	18.900
802.11ax40_RU_Full	Chain 0	5755	37.700
		5795	37.700
	Chain 1	5755	37.700
		5795	37.700
802.11ax80_RU_Full	Chain 0	5775	77.400
	Chain 1	5775	77.400

Note:

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

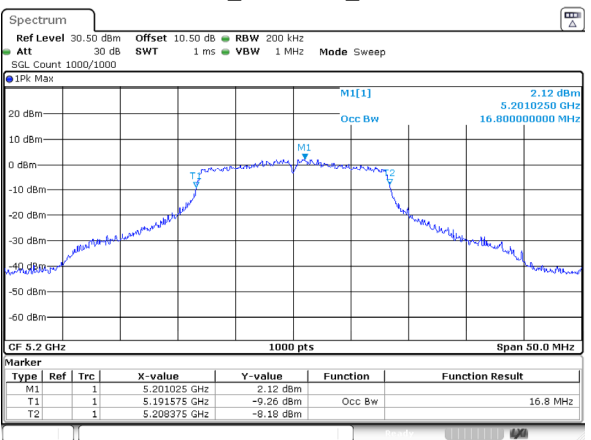
5150-5250MHz

802.11a_5180MHz_Chain 0



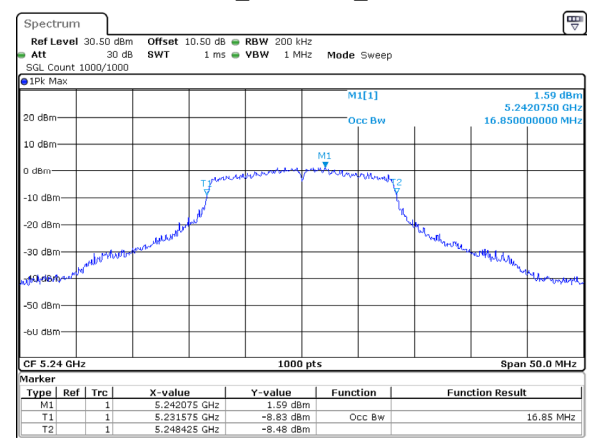
ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
 Date: 25 JUN.2025 20:16:01

802.11a_5200MHz_Chain 0



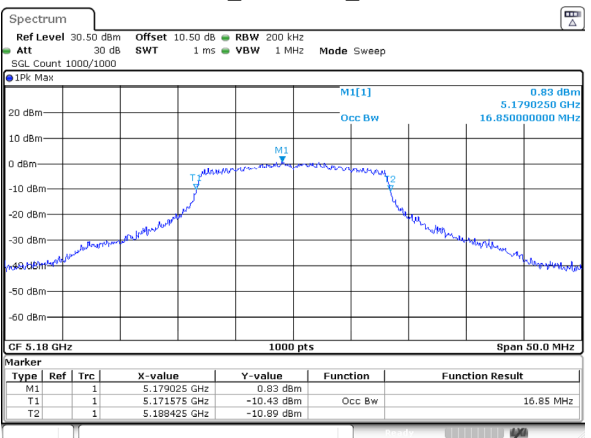
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 Date: 25 JUN.2025 20:17:00

802.11a_5240MHz_Chain 0



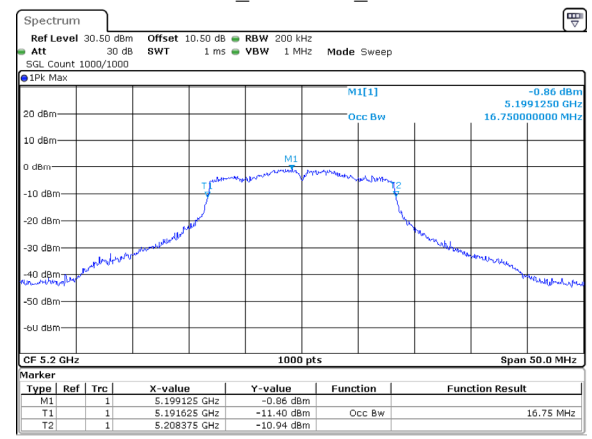
ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
 Date: 16 APR.2025 00:12:24

802.11a_5180MHz_Chain 1



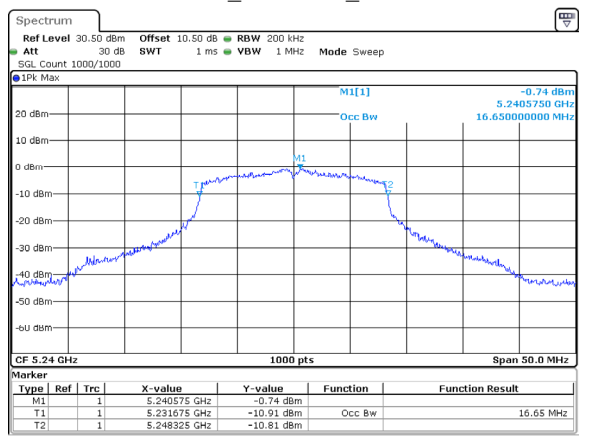
ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
 Date: 25 JUN.2025 20:14:20

802.11a_5200MHz_Chain 1



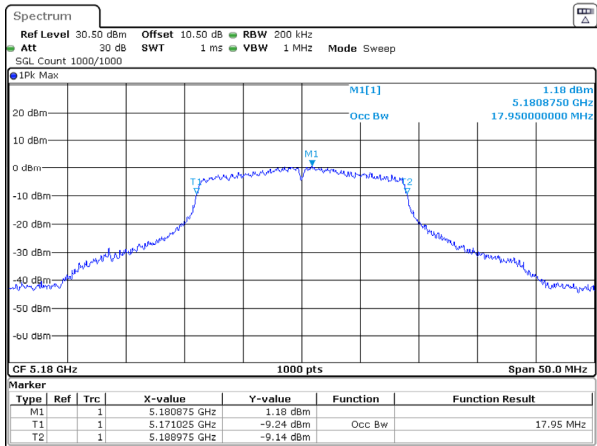
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 Date: 16 APR.2025 00:29:54

802.11a_5240MHz_Chain 1



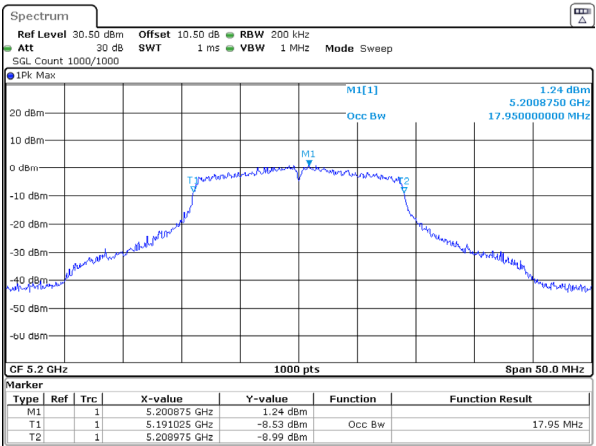
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 Date: 16 APR.2025 00:32:01

802.11ac20_5180MHz_Chain 0



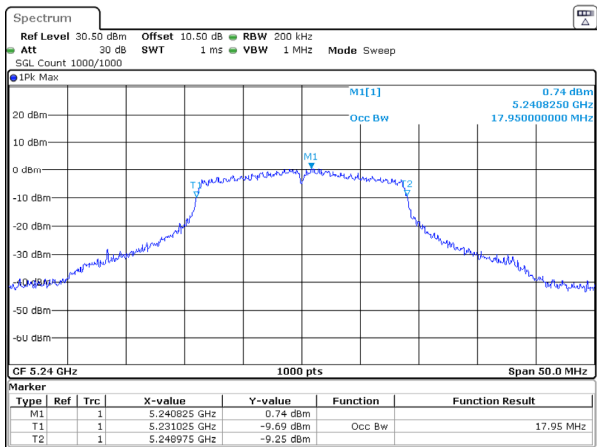
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Date: 16.APR.2025 22:59:33

802.11ac20_5200MHz_Chain 0



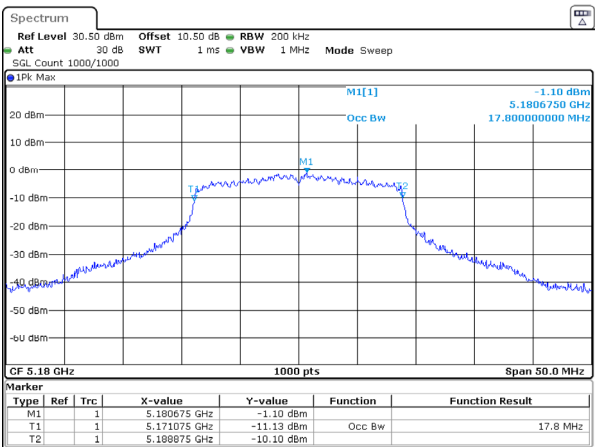
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Date: 16.APR.2025 23:06:22

802.11ac20_5240MHz_Chain 0



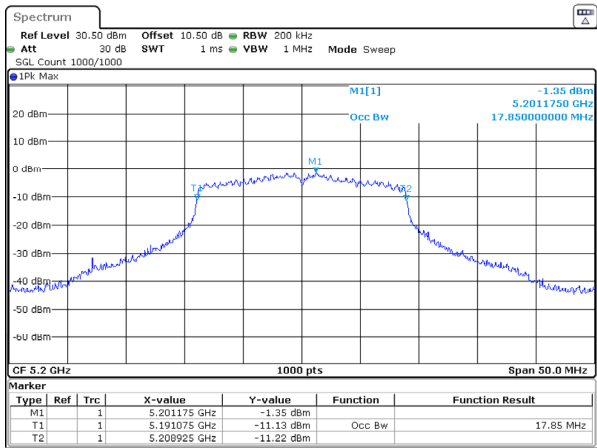
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Date: 16.APR.2025 23:03:46

802.11ac20_5180MHz_Chain 1



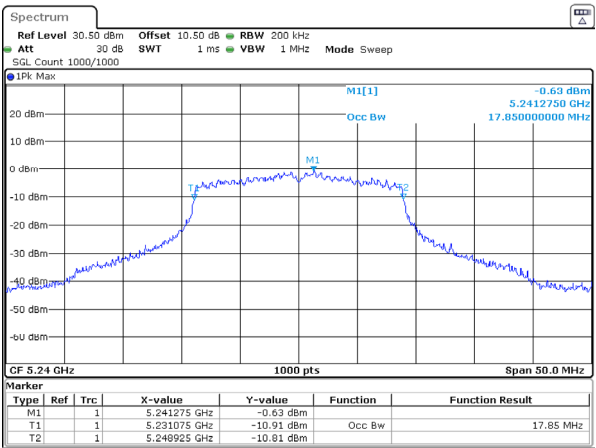
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Date: 16.APR.2025 23:48:00

802.11ac20_5200MHz_Chain 1



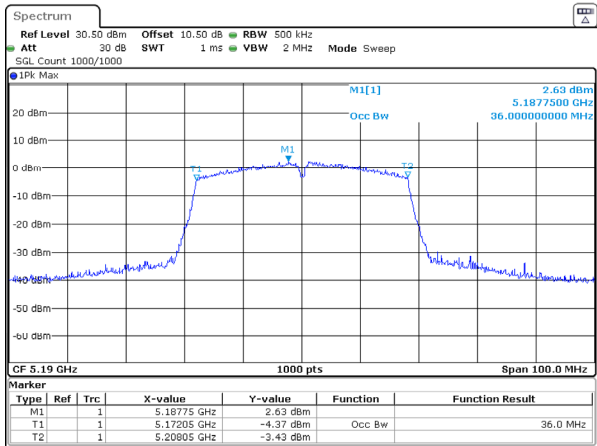
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Date: 16.APR.2025 23:51:09

802.11ac20_5240MHz_Chain 1



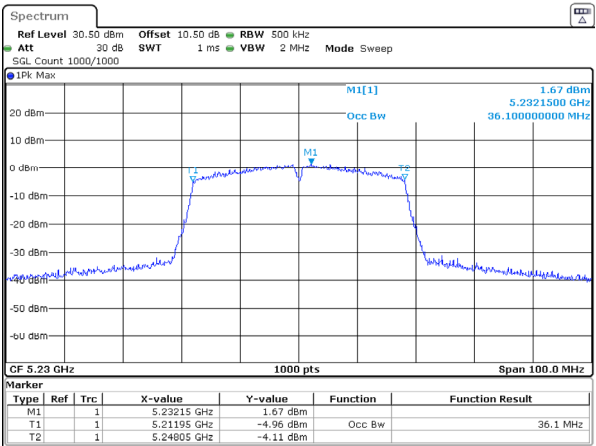
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Date: 16.APR.2025 23:53:19

802.11ac40_5190MHz_Chain 0



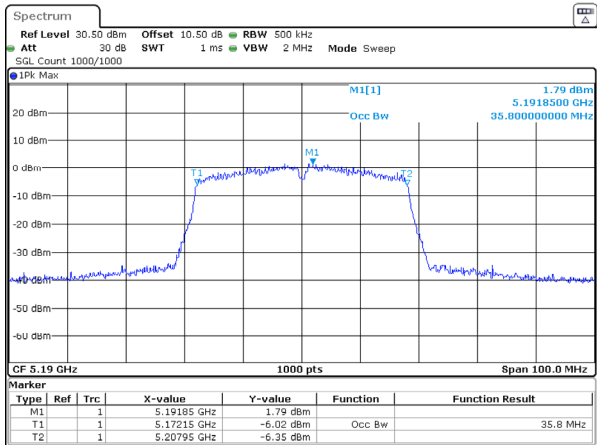
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Date: 16.APR.2025 23:13:14

802.11ac40_5230MHz_Chain 0



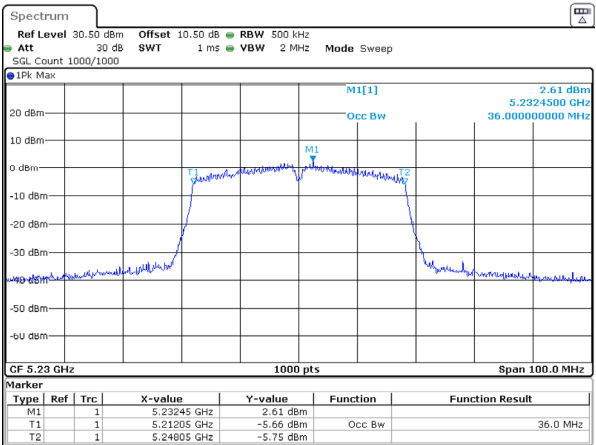
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802.11ac40_5190MHz_Chain 1



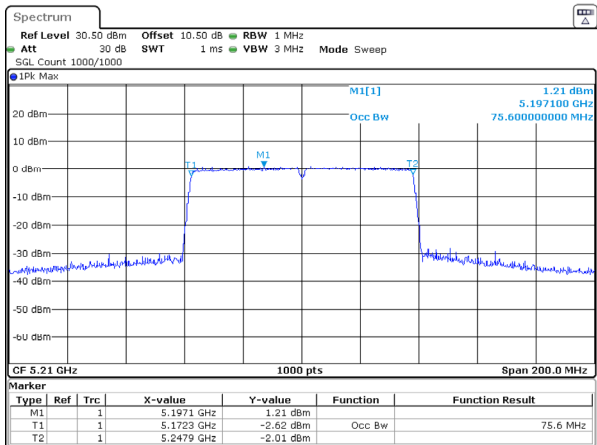
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Date: 16.APR.2025 23:57:07

802.11ac40_5230MHz_Chain 1



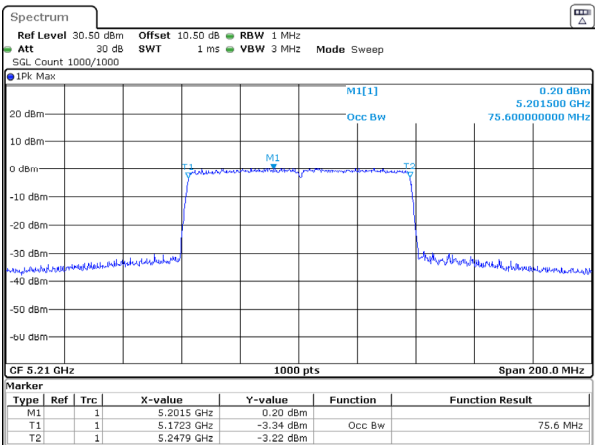
ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
Date: 17.APR.2025 00:01:20

802.11ac80_5210MHz_Chain 0



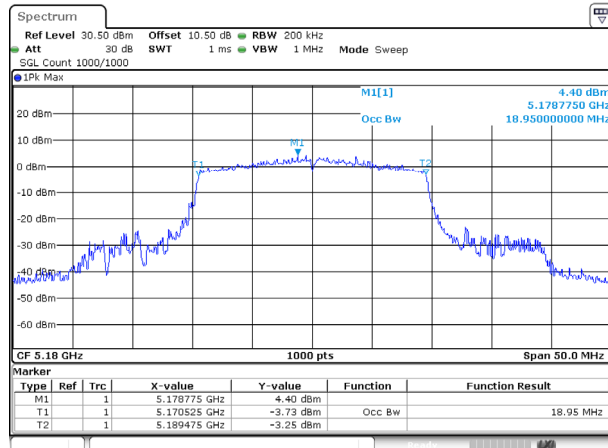
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Date: 16.APR.2025 23:21:20

802.11ac80_5210MHz_Chain 1



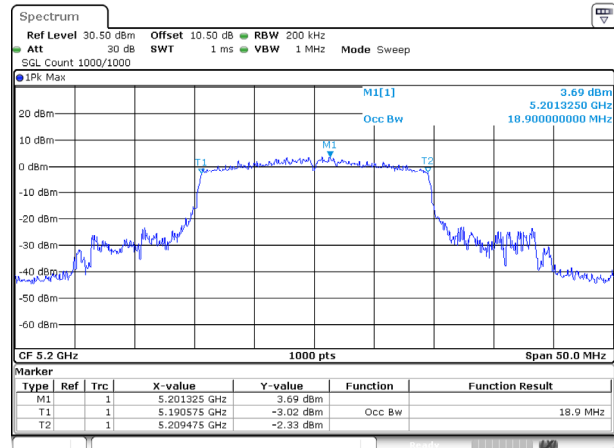
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802.11ax20_5180MHz_RU_Full_Chain 0



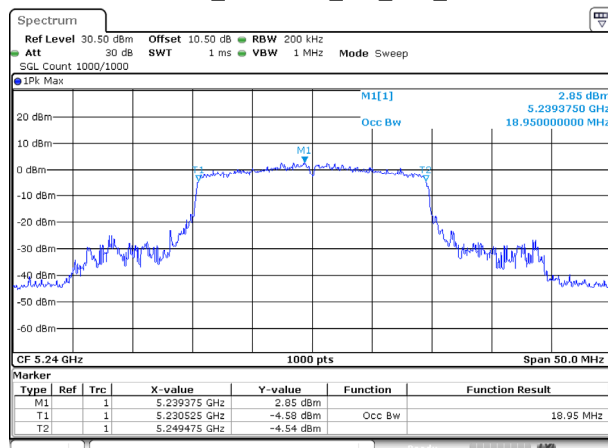
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Date: 24.JUN.2025 15:38:40

802.11ax20_5200MHz_RU_Full_Chain 0



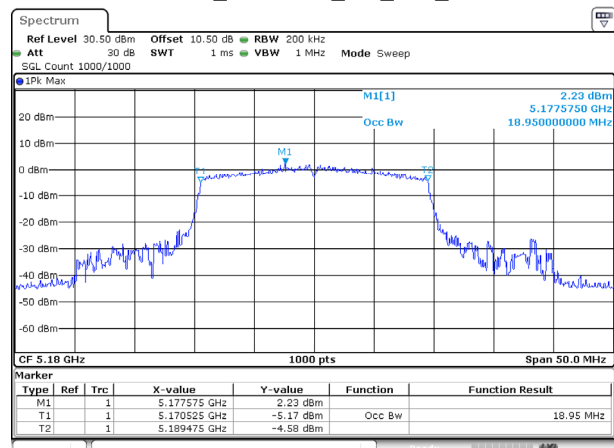
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Date: 24.JUN.2025 15:54:00

802.11ax20_5240MHz_RU_Full_Chain 0



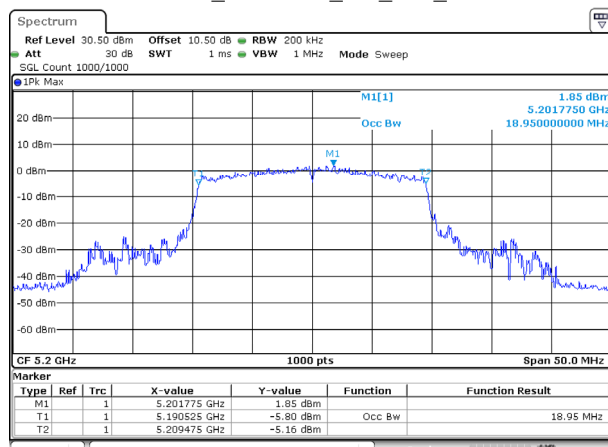
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802.11ax20_5180MHz_RU_Full_Chain 1



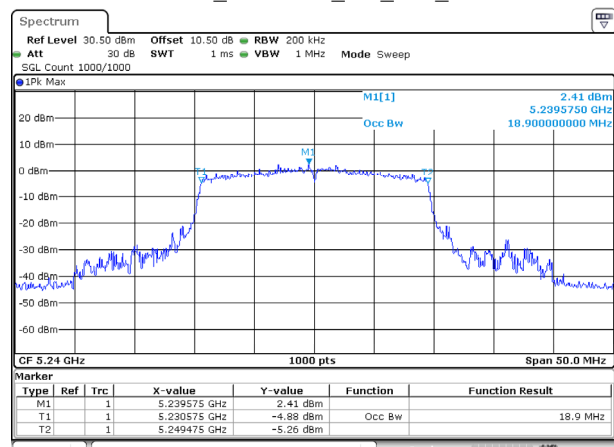
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Date: 25.JUN.2025 10:10:35

802.11ax20_5200MHz_RU_Full_Chain 1



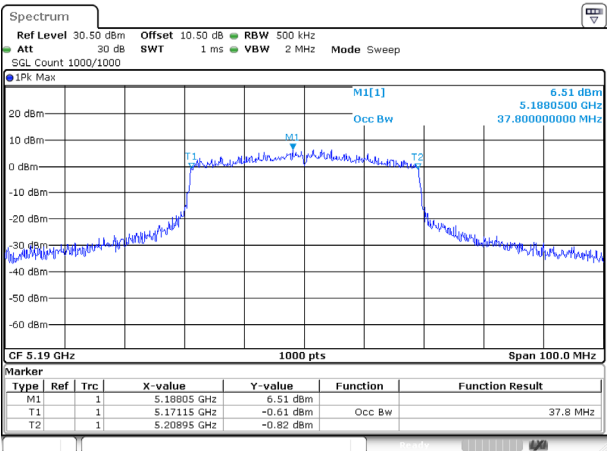
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Date: 25.JUN.2025 10:12:20

802.11ax20_5240MHz_RU_Full_Chain 1



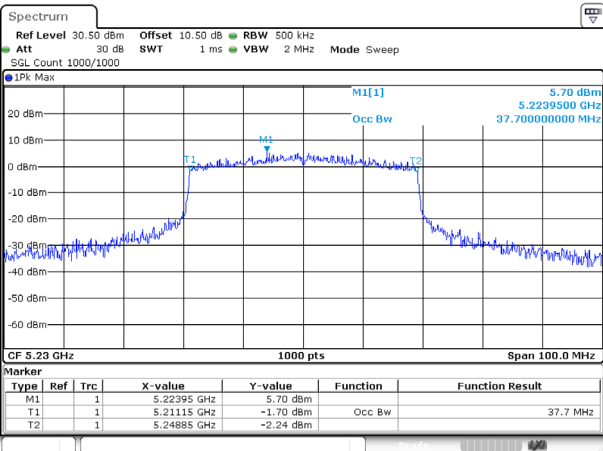
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Date: 25.JUN.2025 10:14:15

802.11ax40_5190MHz_RU_Full_Chain 0



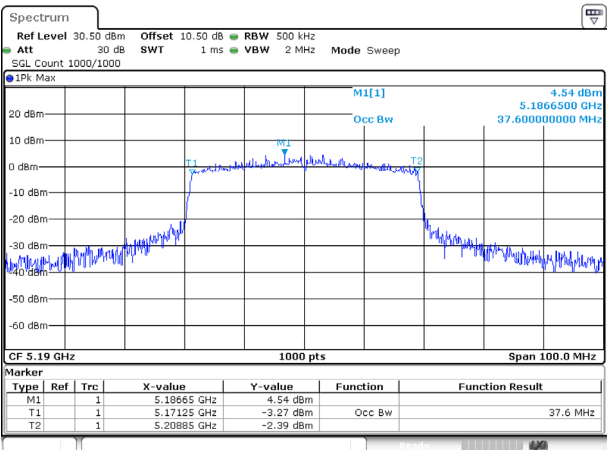
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 15:56:02

802.11ax40_5230MHz_RU_Full_Chain 0



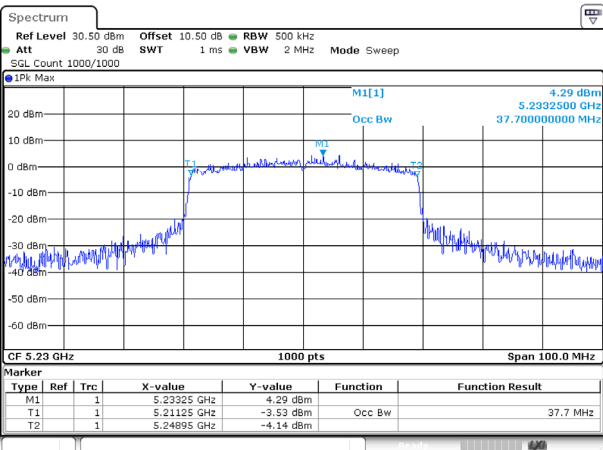
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802.11ax40_5190MHz_RU_Full_Chain 1



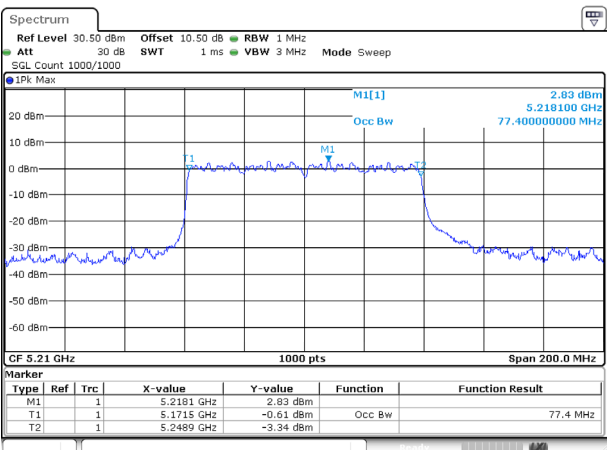
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Date: 24.JUN.2025 16:17:03

802.11ax40_5230MHz_RU_Full_Chain 1



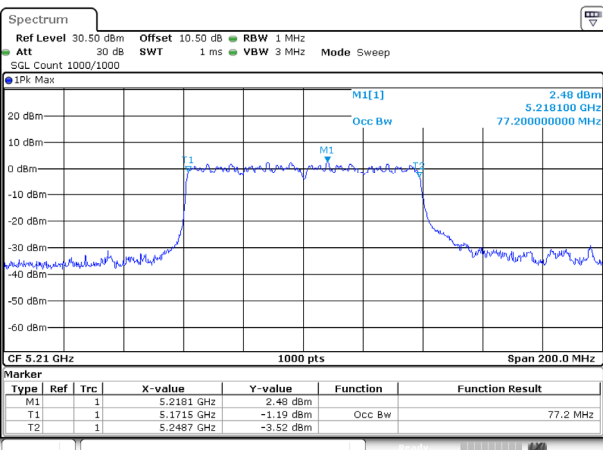
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Date: 24.JUN.2025 16:18:25

802.11ax80_5210MHz_RU_Full_Chain 0



ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 15:58:22

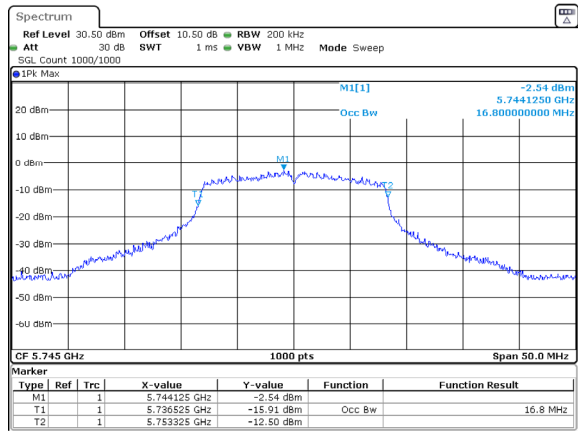
802.11ax80_5210MHz_RU_Full_Chain 1



ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:21:08

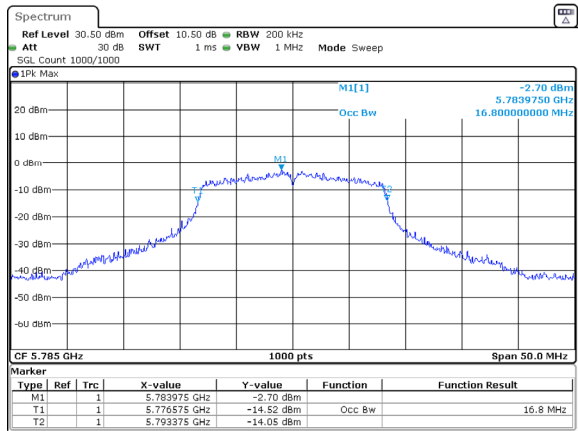
5725-5850MHz

802.11a_5745MHz_Chain 0



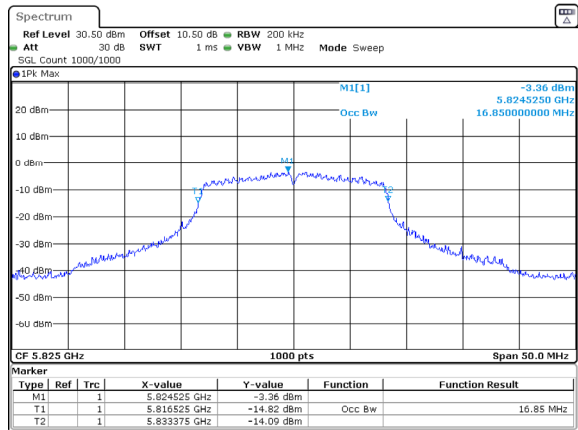
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Date: 17.APR.2025 01:16:22

802.11a_5785MHz_Chain 0



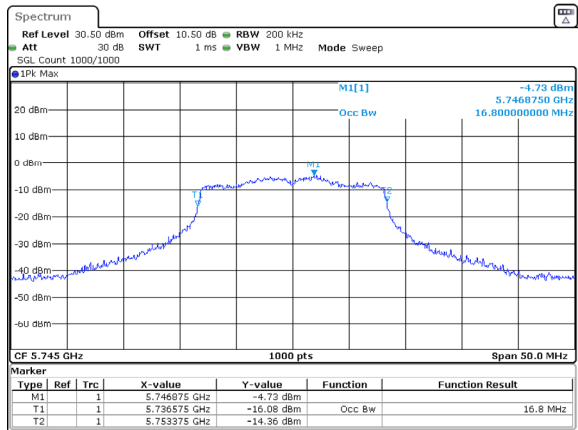
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Date: 17.APR.2025 01:19:21

802.11a_5825MHz_Chain 0



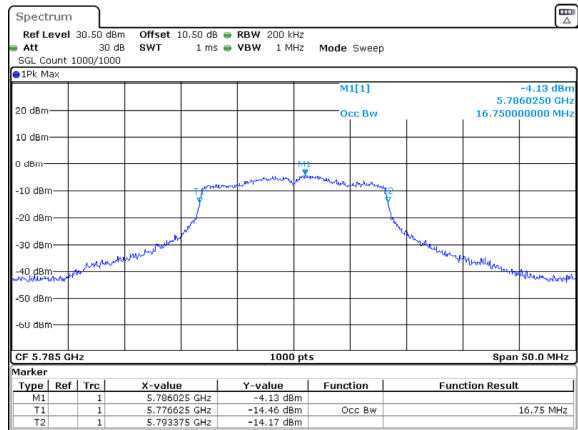
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Date: 17.APR.2025 01:21:04

802.11a_5745MHz_Chain 1



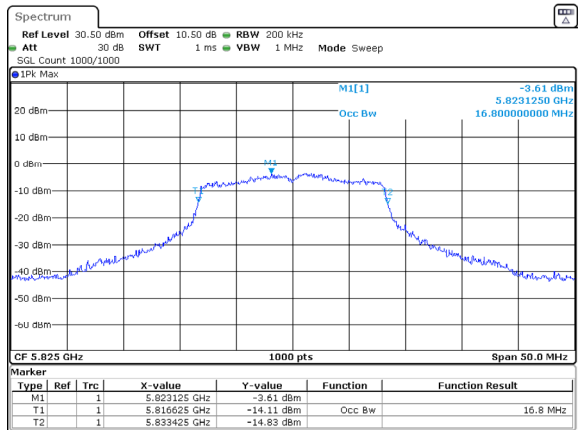
ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
Date: 17.APR.2025 01:23:45

802.11a_5785MHz_Chain 1

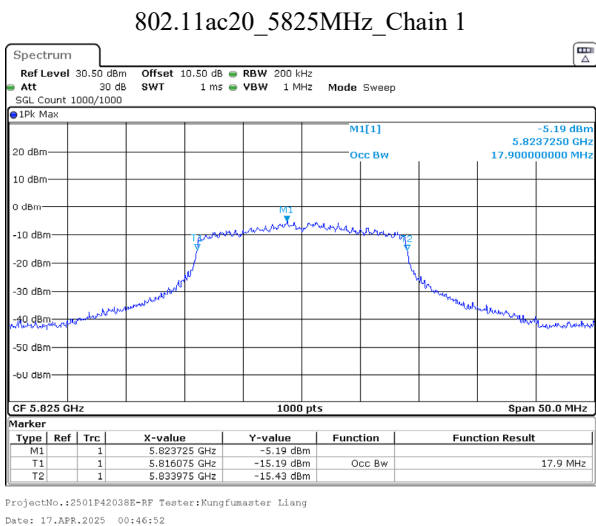
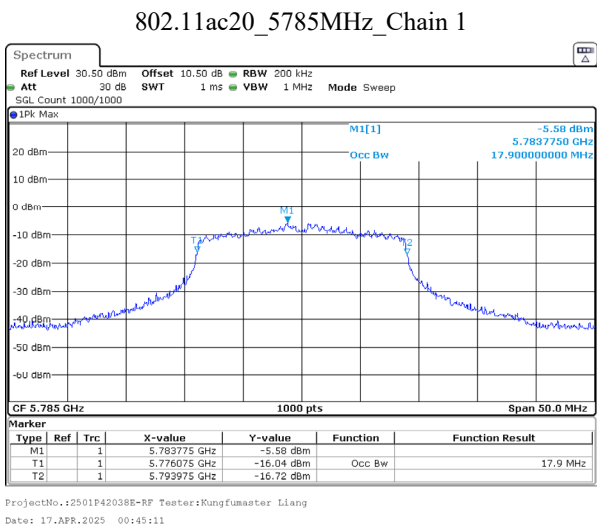
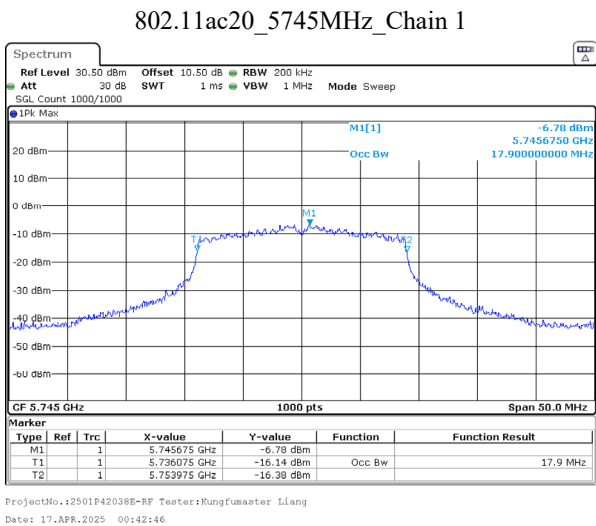
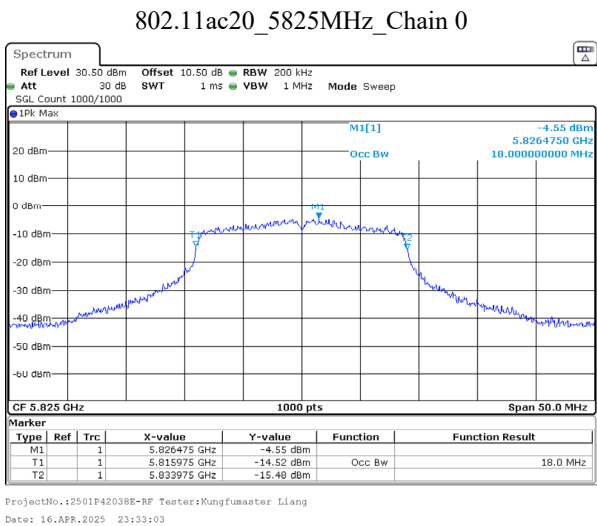
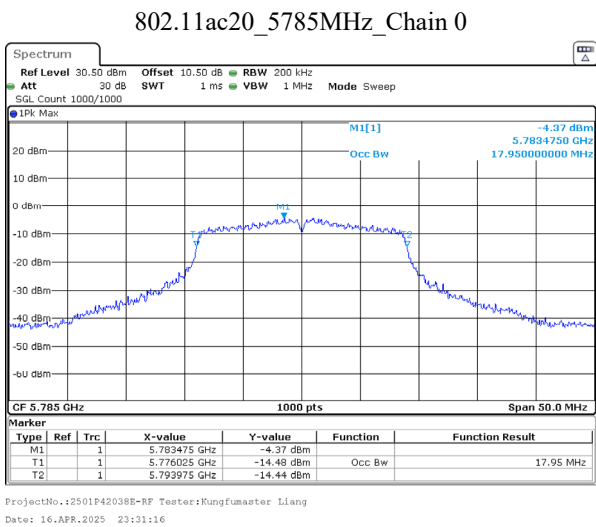
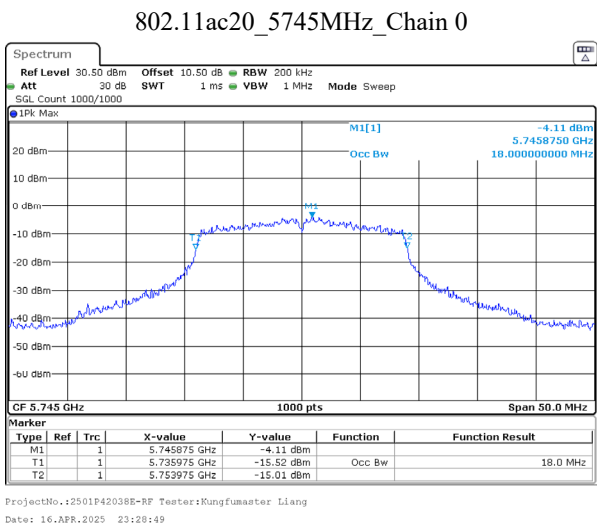


ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
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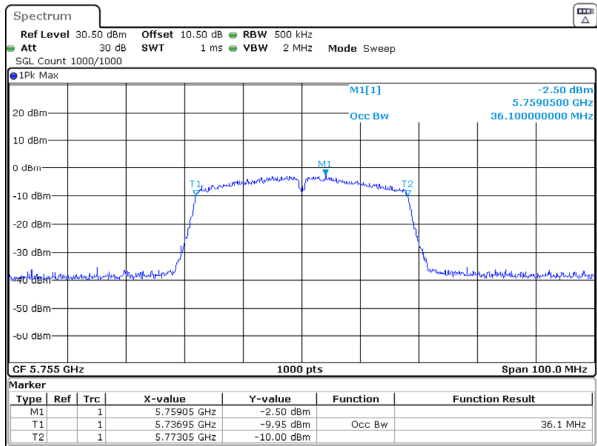
802.11a_5825MHz_Chain 1



ProjectNo.:2501P42038E-RF Tester:Kungfumaater Liang
Date: 17.APR.2025 01:28:03

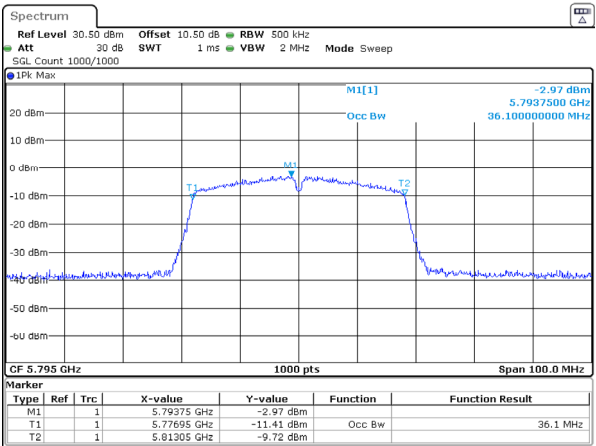


802.11ac40_5755MHz_Chain 0



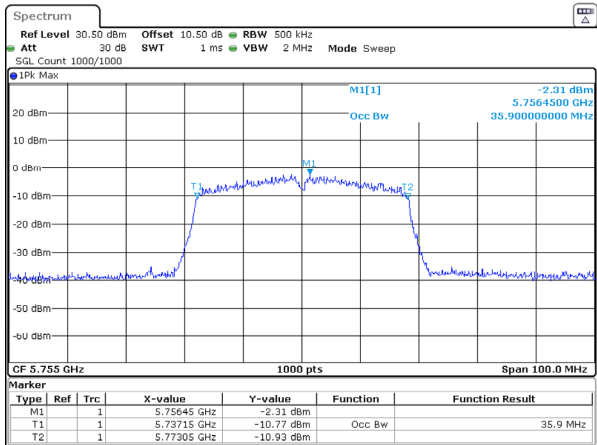
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Date: 16.APR.2025 23:37:33

802.11ac40_5795MHz_Chain 0



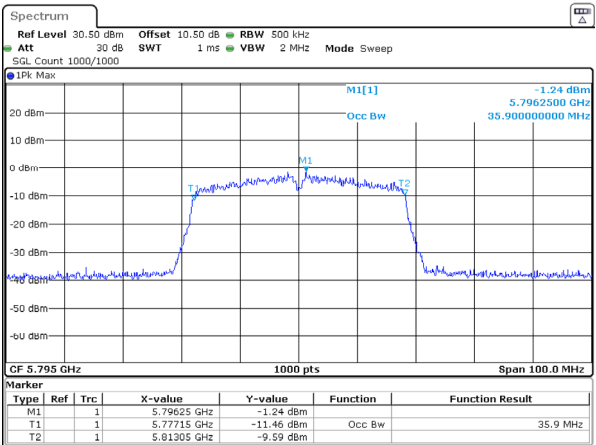
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Date: 16.APR.2025 23:38:44

802.11ac40_5755MHz_Chain 1



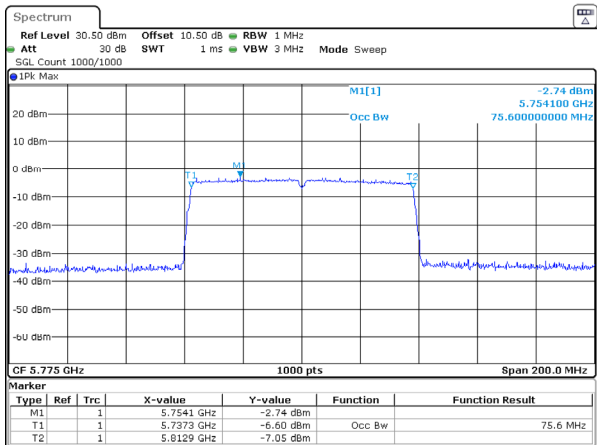
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Date: 17.APR.2025 00:51:36

802.11ac40_5795MHz_Chain 1



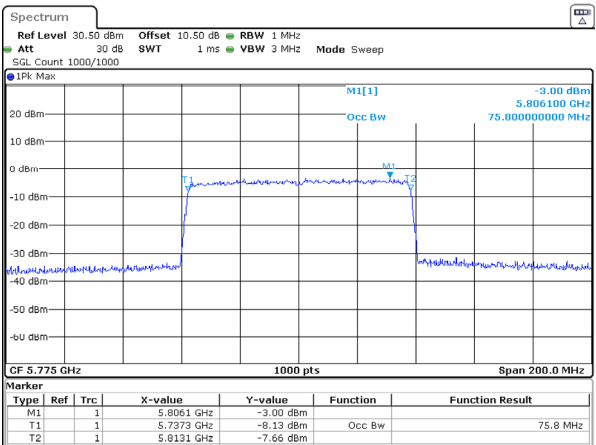
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802.11ac80_5775MHz_Chain 0



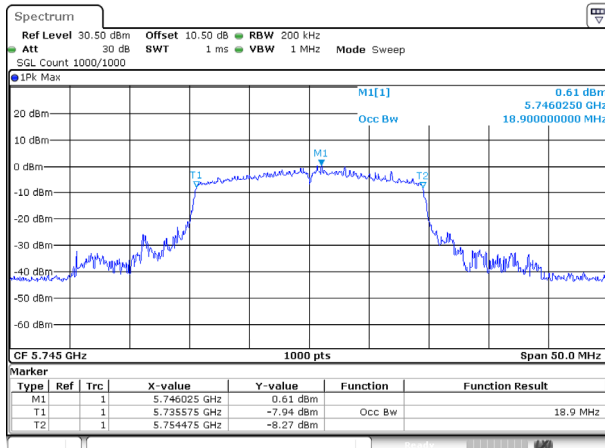
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802.11ac80_5775MHz_Chain 1



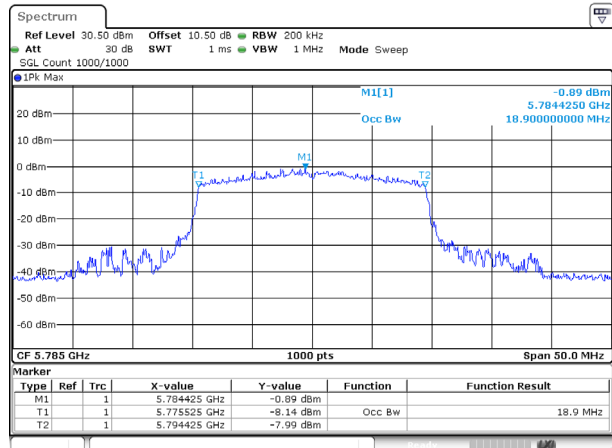
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Date: 17.APR.2025 00:54:19

802.11ax20_5745MHz_RU_Full_Chain 0



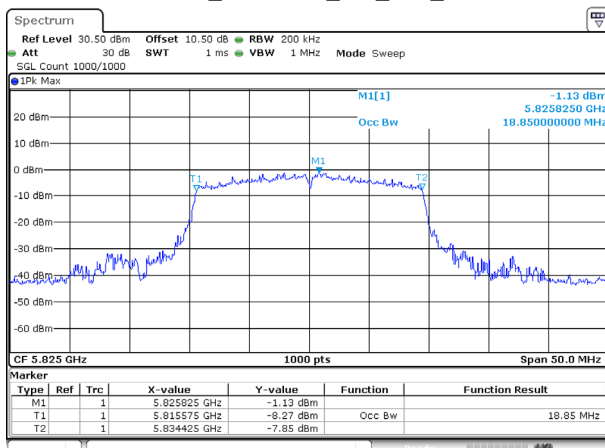
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Date: 24.JUN.2025 16:00:30

802.11ax20_5785MHz_RU_Full_Chain 0



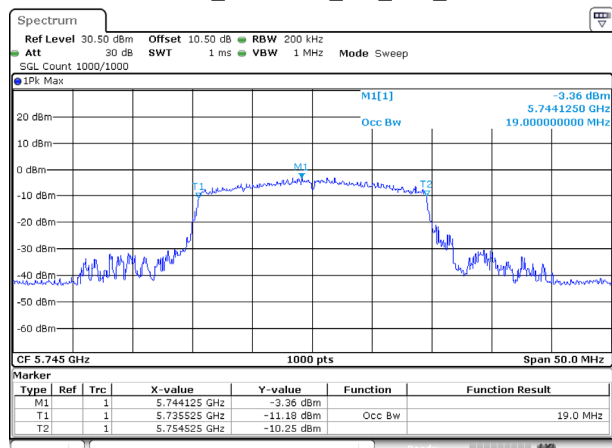
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Date: 24.JUN.2025 16:01:58

802.11ax20_5825MHz_RU_Full_Chain 0



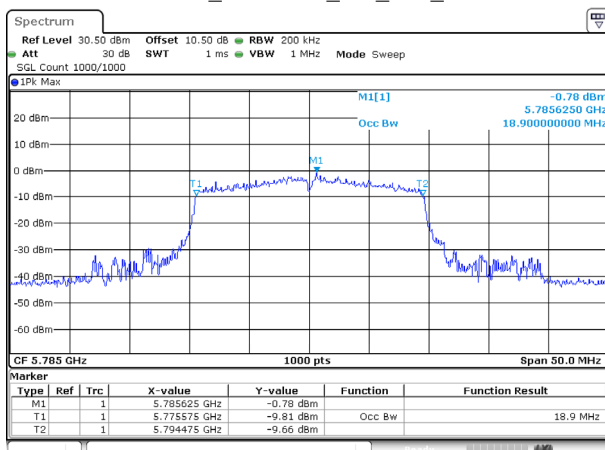
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Date: 24.JUN.2025 16:03:53

802.11ax20_5745MHz_RU_Full_Chain 1



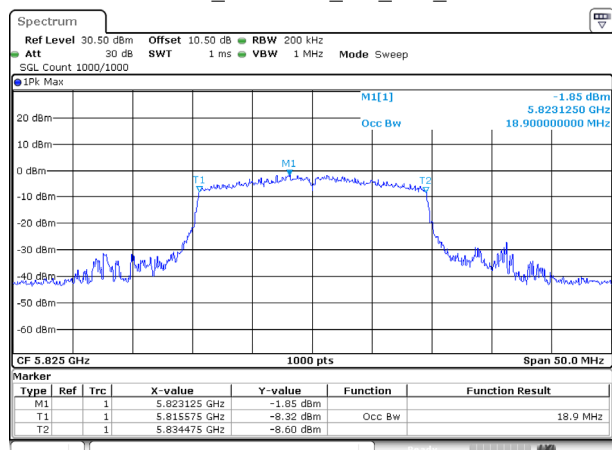
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Date: 24.JUN.2025 16:24:09

802.11ax20_5785MHz_RU_Full_Chain 1



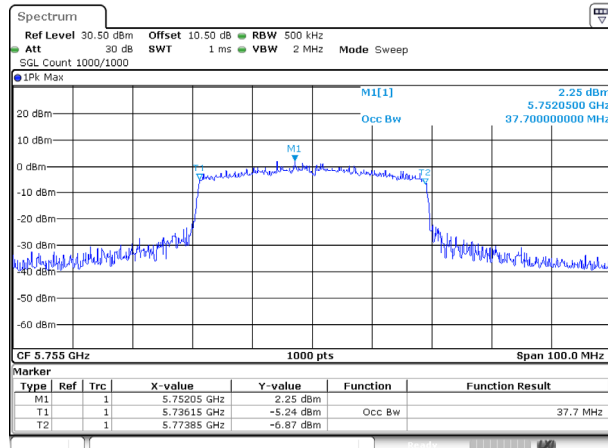
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:25:53

802.11ax20_5825MHz_RU_Full_Chain 1



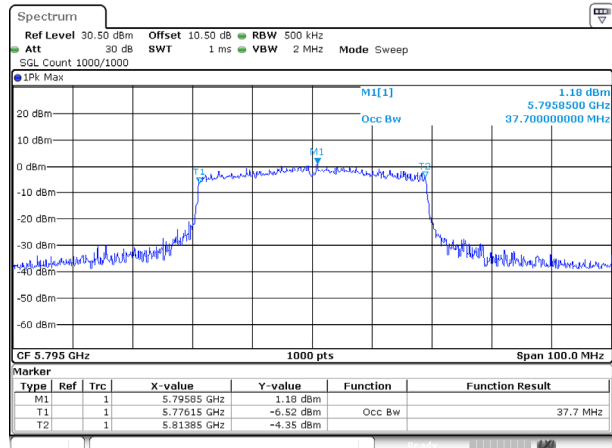
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:26:58

802.11ax40_5755MHz_RU_Full_Chain 0



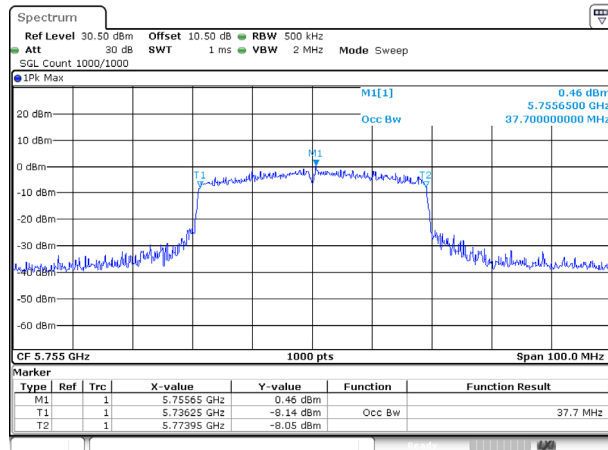
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Date: 24.JUN.2025 16:05:05

802.11ax40_5795MHz_RU_Full_Chain 0



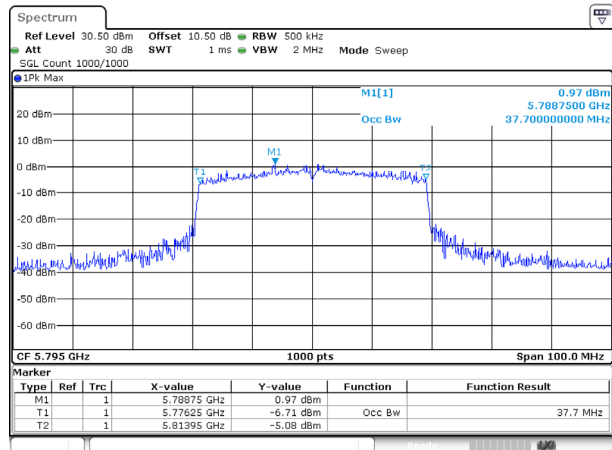
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:06:04

802.11ax40_5755MHz_RU_Full_Chain 1



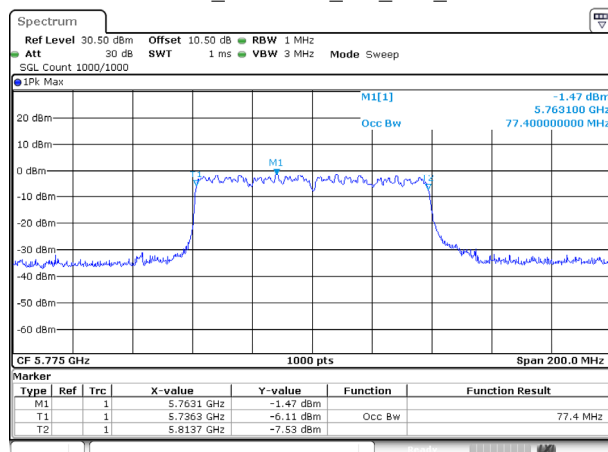
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Date: 24.JUN.2025 16:28:04

802.11ax40_5795MHz_RU_Full_Chain 1



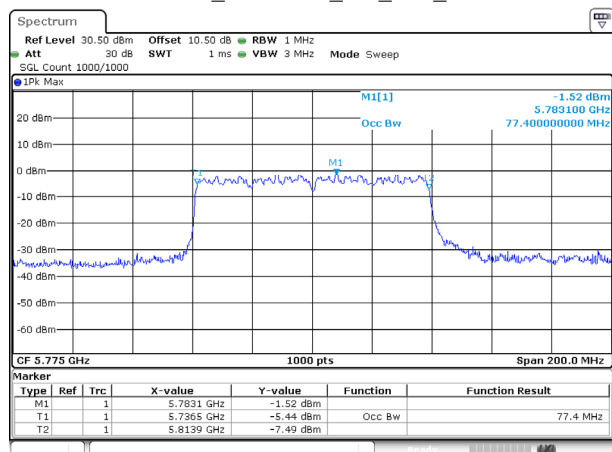
ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:29:00

802.11ax80_5775MHz_RU_Full_Chain 0



ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:07:16

802.11ax80_5775MHz_RU_Full_Chain 1



ProjectNo.:2501P42038E-RF Tester:Kungfumaster Liang
Date: 24.JUN.2025 16:30:36

Maximum Conducted Output Power**Test Information:**

Sample No.:	306X-1	Test Date:	2025/04/16~2025/05/05
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5-26.9	Relative Humidity: (%)	47-55	ATM Pressure: (kPa)	100.1~101
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Test Data:**5150-5250MHz**

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5180	11.12	30	Pass
		5200	11.74	30	Pass
		5240	11.04	30	Pass
	Chain 1	5180	9.63	30	Pass
		5200	9.08	30	Pass
		5240	9.04	30	Pass
	Chain 0+Chain 1	5180	13.45	30	Pass
		5200	13.62	30	Pass
		5240	13.16	30	Pass
802.11ac20	Chain 0	5180	10.39	30	Pass
		5200	10.62	30	Pass
		5240	10.08	30	Pass
	Chain 1	5180	8.6	30	Pass
		5200	8.38	30	Pass
		5240	8.72	30	Pass
	Chain 0+Chain 1	5180	12.60	30	Pass
		5200	12.65	30	Pass
		5240	12.46	30	Pass
802.11ac40	Chain 0	5190	10.81	30	Pass
		5230	10.03	30	Pass
	Chain 1	5190	8.5	30	Pass
		5230	8.52	30	Pass
	Chain 0+Chain 1	5190	12.82	30	Pass
		5230	12.35	30	Pass
802.11ac80	Chain 0	5210	10.23	30	Pass
	Chain 1	5210	8.99	30	Pass
	Chain 0+Chain 1	5210	12.66	30	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ax20_RU_Full	Chain 0	5180	10.46	30	Pass
		5200	10.44	30	Pass
		5240	9.77	30	Pass
	Chain 1	5180	8.51	30	Pass
		5200	8.43	30	Pass
		5240	8.61	30	Pass
	Chain 0+Chain 1	5180	12.60	30	Pass
		5200	12.56	30	Pass
		5240	12.24	30	Pass
802.11ax40_RU_Full	Chain 0	5190	10.39	30	Pass
		5230	9.92	30	Pass
	Chain 1	5190	8.6	30	Pass
		5230	8.74	30	Pass
	Chain 0+Chain 1	5190	12.60	30	Pass
		5230	12.38	30	Pass
802.11ax80_RU_Full	Chain 0	5210	10.02	30	Pass
	Chain 1	5210	8.4	30	Pass
	Chain 0+Chain 1	5210	12.30	30	Pass
Note: 1. The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ • where Each antenna is driven by no more than one spatial stream; N_{SS} = the number of independent spatial streams of data; N_{ANT} = the total number of antennas $g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j, or zero if it is not; G_k is the gain in dBi of the k_{th} antenna. 2. The device belongs to outdoor AP. The maximum EIRP=13.62dBm+4.92dBi=18.54dBm<21dBm, so it's can compliance with the requirement of the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125mW (21 dBm).					
Chain 0 Gain:	1.87	dBi	Directional gain:	4.92	dBi
Chain 1 Gain:	1.94	dBi			

5725-5850MHz

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	Chain 0	5745	6.38	30	Pass
		5785	6.26	30	Pass
		5825	6.28	30	Pass
	Chain 1	5745	5.02	30	Pass
		5785	5.61	30	Pass
		5825	6.31	30	Pass
	Chain 0+Chain 1	5745	8.76	30	Pass
		5785	8.96	30	Pass
		5825	9.31	30	Pass
802.11ac20	Chain 0	5745	5.48	30	Pass
		5785	5.38	30	Pass
		5825	5.16	30	Pass
	Chain 1	5745	3.06	30	Pass
		5785	3.6	30	Pass
		5825	4.46	30	Pass
	Chain 0+Chain 1	5745	7.45	30	Pass
		5785	7.59	30	Pass
		5825	7.83	30	Pass
802.11ac40	Chain 0	5755	5.76	30	Pass
		5795	5.62	30	Pass
	Chain 1	5755	4.11	30	Pass
		5795	4.58	30	Pass
	Chain 0+Chain 1	5755	8.02	30	Pass
		5795	8.14	30	Pass
802.11ac80	Chain 0	5775	5.82	30	Pass
	Chain 1	5775	5.01	30	Pass
	Chain 0+Chain 1	5775	8.44	30	Pass

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11ax20_RU_Full	Chain 0	5745	5.37	30	Pass
		5785	5.11	30	Pass
		5825	5.45	30	Pass
	Chain 1	5745	3.1	30	Pass
		5785	4.34	30	Pass
		5825	4.61	30	Pass
	Chain 0+Chain 1	5745	7.39	30	Pass
		5785	7.75	30	Pass
		5825	8.06	30	Pass
802.11ax40_RU_Full	Chain 0	5755	5.91	30	Pass
		5795	5.49	30	Pass
	Chain 1	5755	4.28	30	Pass
		5795	5.19	30	Pass
	Chain 0+Chain 1	5755	8.18	30	Pass
		5795	8.35	30	Pass
802.11ax80_RU_Full	Chain 0	5775	5.77	30	Pass
	Chain 1	5775	5.74	30	Pass
	Chain 0+Chain 1	5775	8.77	30	Pass
Note: The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01: $DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$					
• where Each antenna is driven by no more than one spatial stream; N_{SS} = the number of independent spatial streams of data; N_{ANT} = the total number of antennas $g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j, or zero if it is not; G_k is the gain in dBi of the k_{th} antenna.					
Chain 0 Gain:	2.02	dBi	Directional gain:	4.70	dBi
Chain 1 Gain:	1.35	dBi			