

802.11a mode, 5180MHz

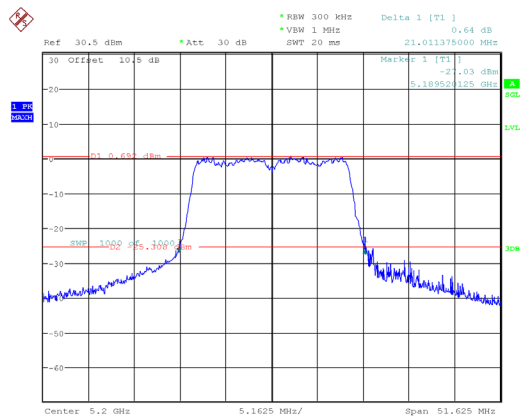


ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11 APR 2025 10:19:22

ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11-APR-2025 10:24:36

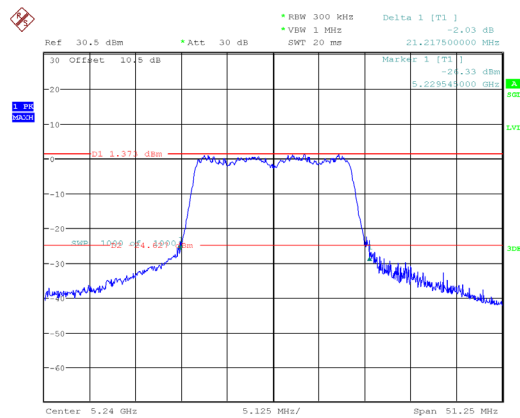
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11-APR-2025 10:30:15

802.11 ac20 mode, 5200MHz



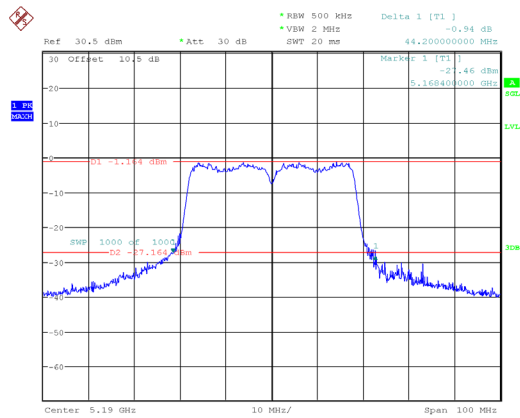
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:36:26

802.11 ac20 mode, 5240MHz



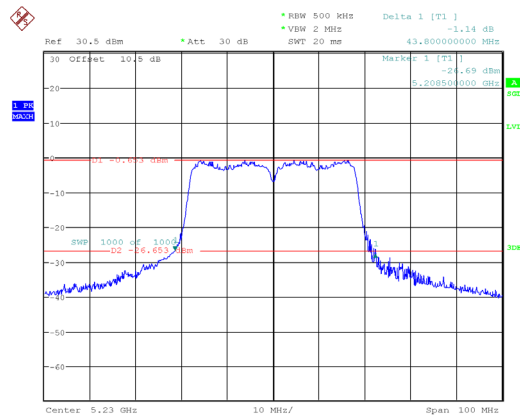
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Date: 11.APR.2025 10:40:50

802.11ac40 mode, 5190MHz



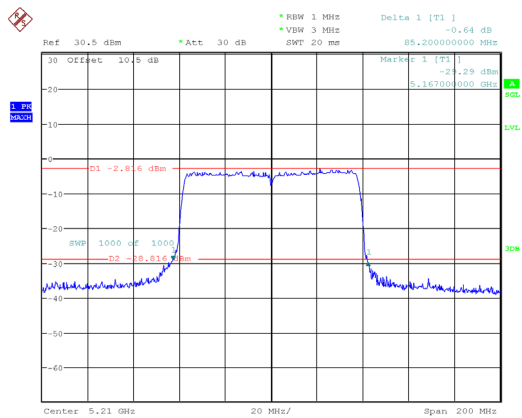
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:47:05

802.11 ac40 mode, 5230MHz



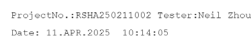
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:52:38

802.11ac80 mode, 5210MHz



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:58:10

802.11a mode, 5180MHz

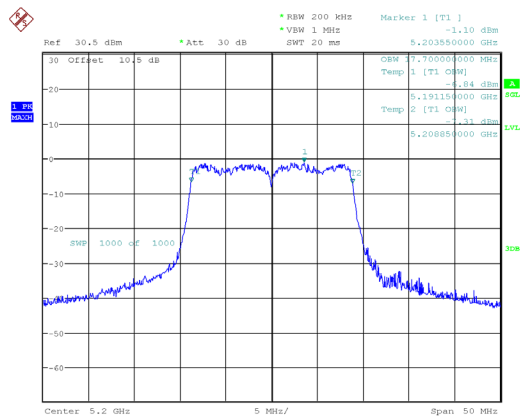


ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:20:21

ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:25:39

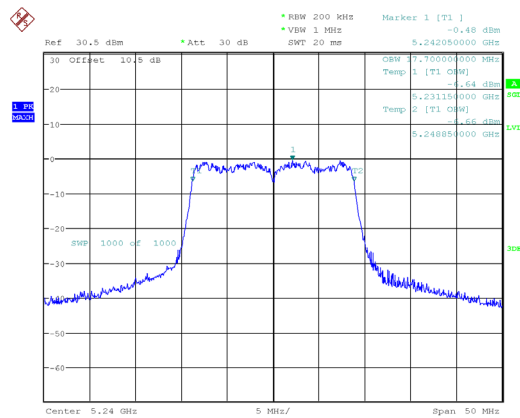
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802.11 ac20 mode, 5200MHz



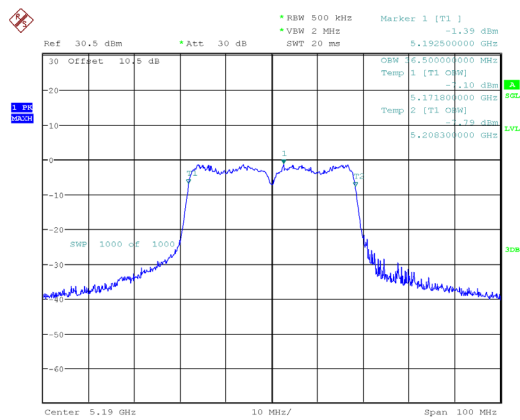
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802.11 ac20 mode, 5240MHz



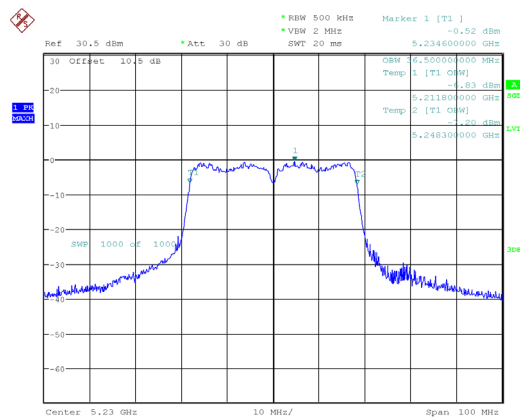
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Date: 11.APR.2025 10:41:54

802.11ac40 mode, 5190MHz



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:48:49

802.11 ac40 mode, 5230MHz

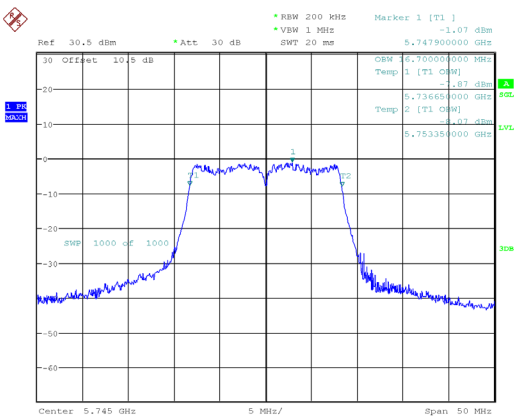


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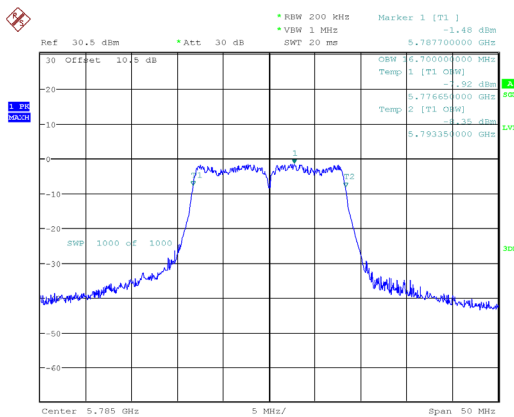
5725-5850 MHz Band

802.11a mode, 5745MHz



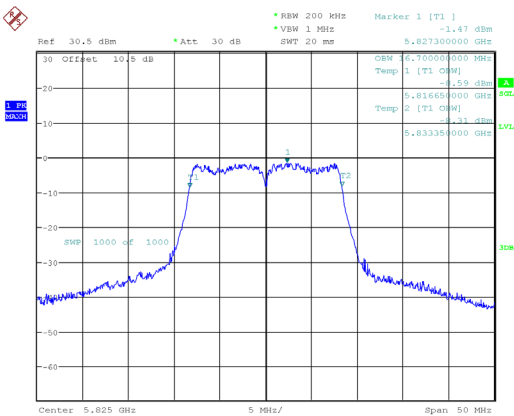
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Date: 11.APR.2025 11:04:49

802.11a mode, 5785MHz



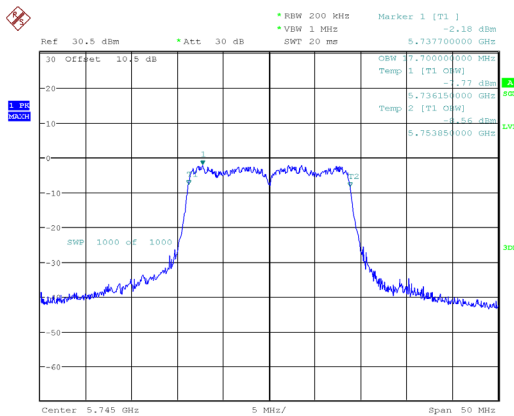
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:10:12

802.11a mode, 5825MHz



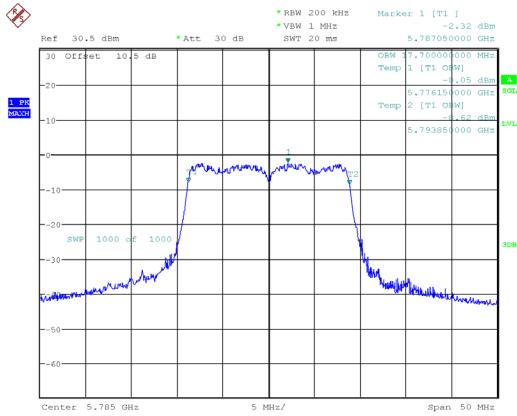
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802.11ac20 mode, 5745MHz



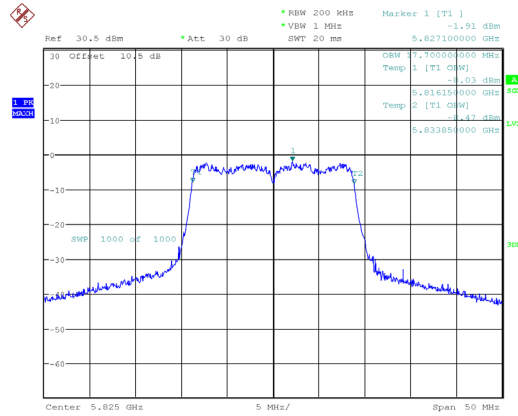
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:23:11

802.11 ac20 mode, 5785MHz



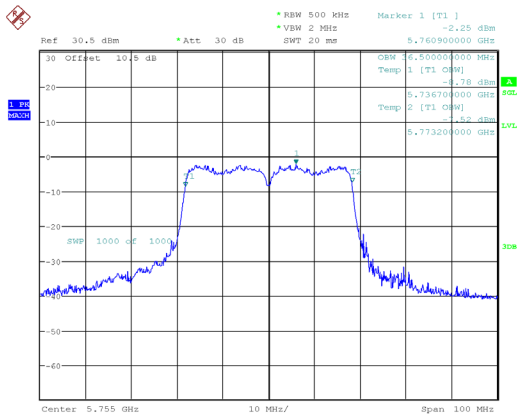
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:31:58

802.11 ac20 mode, 5825MHz



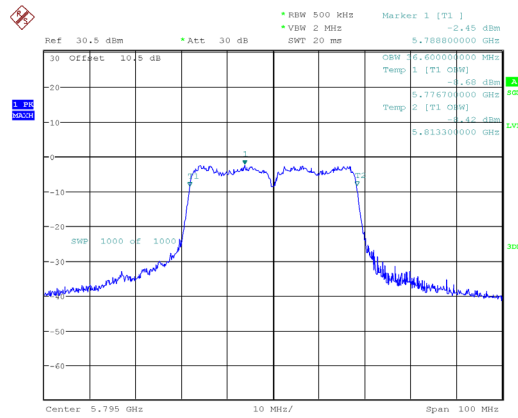
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:36:01

802.11ac40 mode, 5755MHz



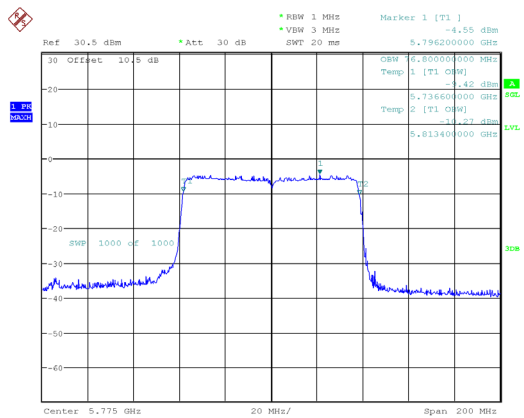
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:45:12

802.11 ac40 mode, 5795MHz



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:53:14

802.11 ac80 mode, 5775MHz



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 12:27:25

CONDUCTED TRANSMITTER OUTPUT POWER**Environmental Conditions & Test Information**

Test Date:	2025-04-11
Temperature:	21.5 °C
Relative Humidity:	49 %
ATM Pressure:	100.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting

Band	Mode	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5150-5250 MHz	802.11 a	5180	10.89	24
		5200	11.15	
		5240	11.55	
	802.11 ac20	5180	8.94	
		5200	9.19	
		5240	9.58	
	802.11 ac40	5190	8.18	
		5230	8.90	
	802.11 ac80	5210	5.96	

Note: the EUT is a client equipment.

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5725-5850 MHz	802.11 a	Low	5745	10.30	30
		Middle	5785	10.08	
		High	5825	10.09	
	802.11 ac20	Low	5745	9.37	
		Middle	5785	9.19	
		High	5825	9.22	
	802.11 ac40	Low	5755	8.30	
		High	5795	8.12	
	802.11 ac80	Middle	5775	5.76	

POWER SPECTRAL DENSITY**Environmental Conditions & Test Information**

Test Date:	2025-04-11
Temperature:	21.5 °C
Relative Humidity:	49 %
ATM Pressure:	100.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting

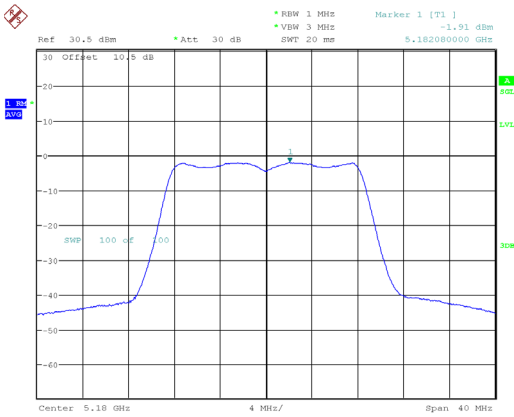
Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5150-5250 MHz	802.11 a	Low	5180	-1.91	/	-1.91	11
		Middle	5200	-1.52	/	-1.52	
		High	5240	-1.18	/	-1.18	
	802.11 ac20	Low	5180	-3.00	0.09	-2.91	
		Middle	5200	-2.66	0.09	-2.57	
		High	5240	-2.32	0.09	-2.23	
	802.11 ac40	Low	5190	-6.69	0.14	-6.55	
		High	5230	-5.98	0.14	-5.84	
	802.11 ac80	Middle	5210	-12.63	0.25	-12.38	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)
5725-5850 MHz	802.11 a	Low	5745	-5.71	/	-5.71	30
		Middle	5785	-5.94	/	-5.94	
		High	5825	-5.92	/	-5.92	
	802.11 ac20	Low	5745	-6.79	/	-6.79	
		Middle	5785	-6.96	/	-6.96	
		High	5825	-6.79	/	-6.79	
	802.11 ac40	Low	5755	-10.84	0.13	-10.71	
		High	5795	-11.06	0.13	-10.93	
	802.11 ac80	Middle	5775	-16.96	0.28	-16.68	

Note: Result=Reading+ Duty Cycle Factor

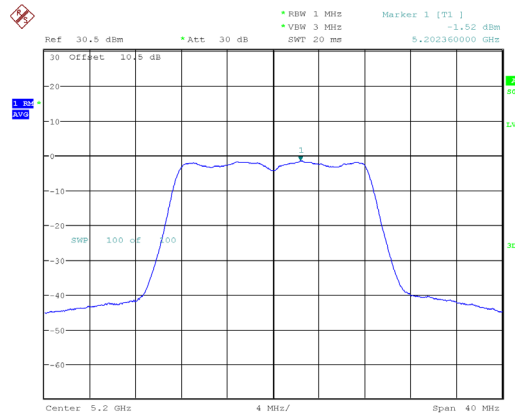
5150MHz-5250 MHz Band:

802.11a_5180MHz



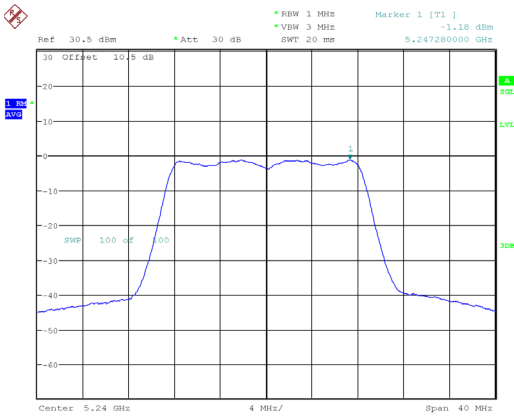
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:14:31

802.11a_5200MHz



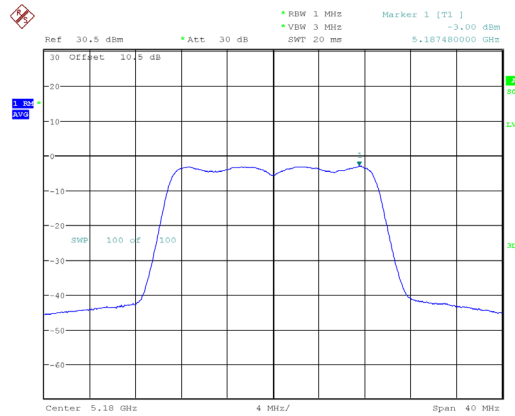
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:20:47

802.11a_5240MHz



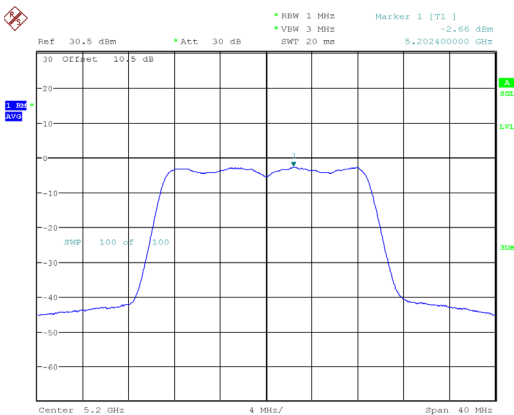
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:26:06

802.11ac20_5180MHz



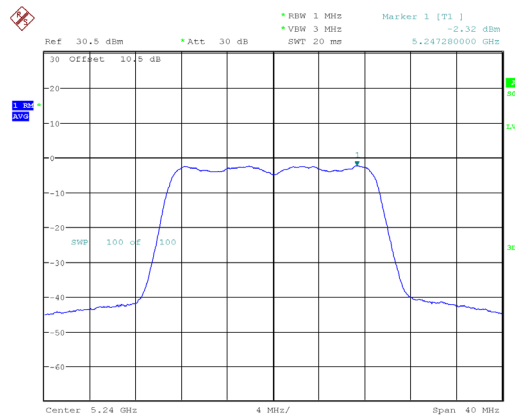
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802.11ac20_5200MHz



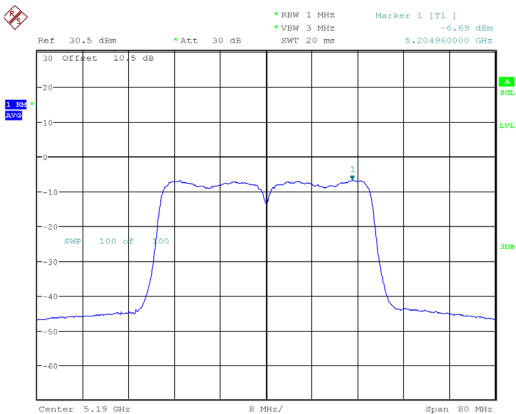
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:37:51

802.11ac20_5240MHz



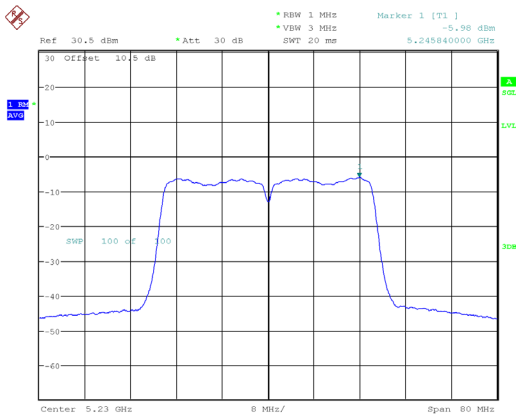
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:42:21

802.11ac40_5190MHz



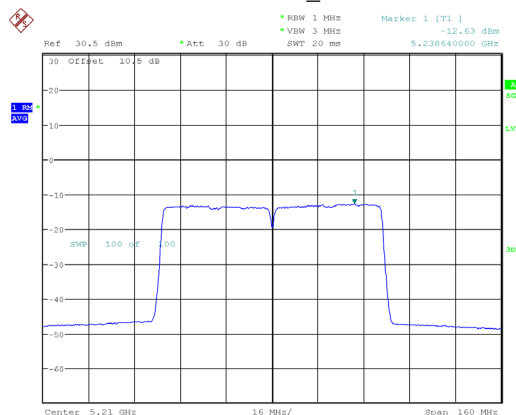
ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:49:17

802.11ac40_5230MHz



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 10:54:48

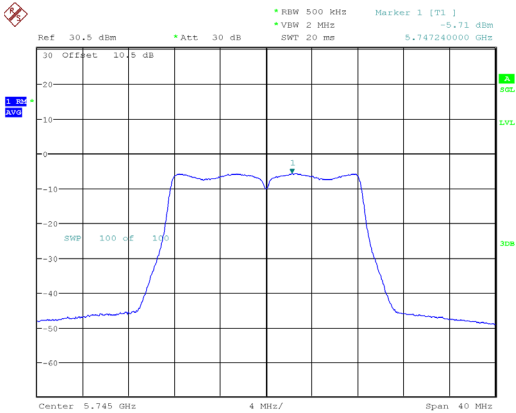
802.11ac80_5210MHz



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:00:30

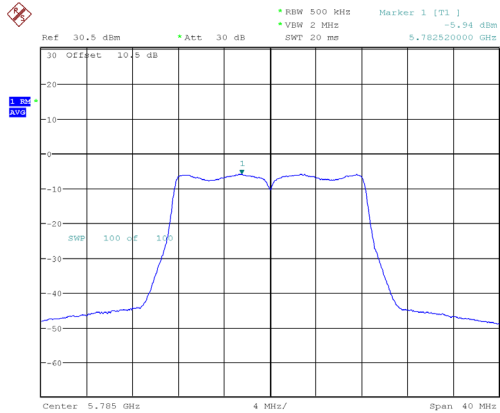
5725-5850MHz

802.11a_5745MHz



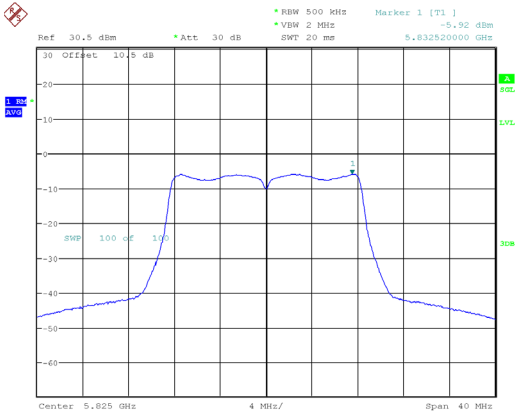
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Date: 11.APR.2025 11:05:18

802.11a_5785MHz



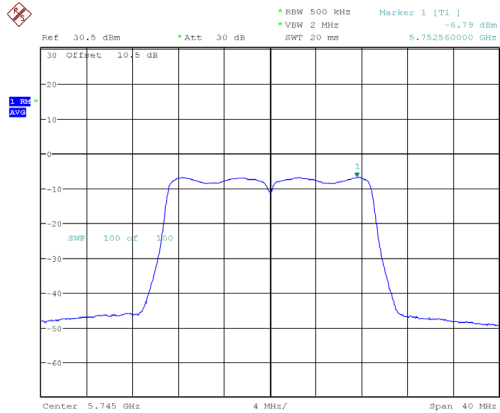
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Date: 11.APR.2025 11:10:58

802.11a_5825MHz



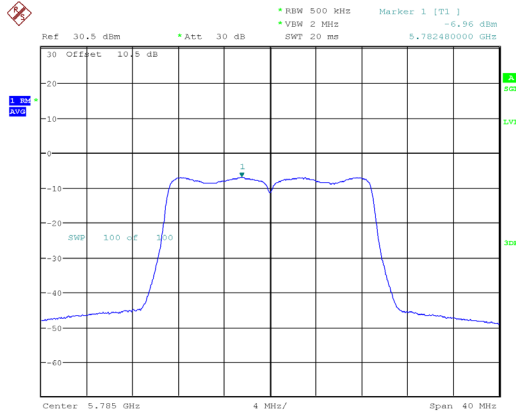
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802.11ac20_5745MHz



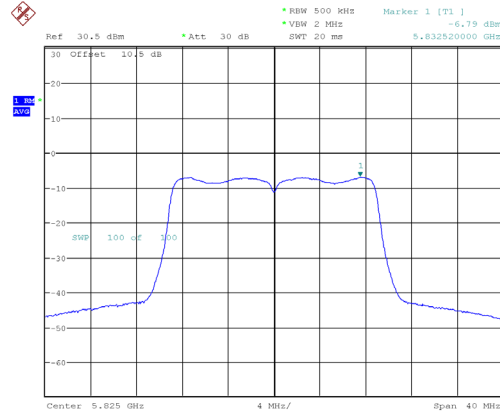
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802.11ac20_5785MHz

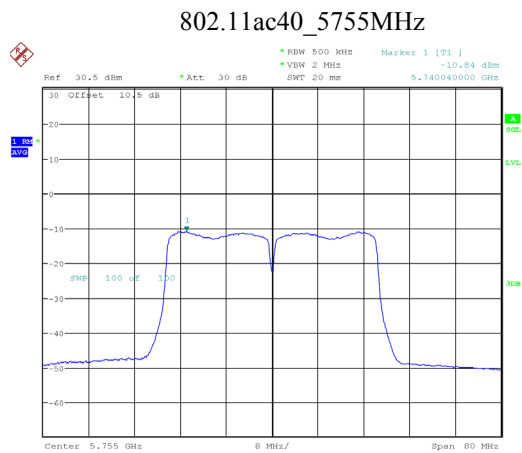


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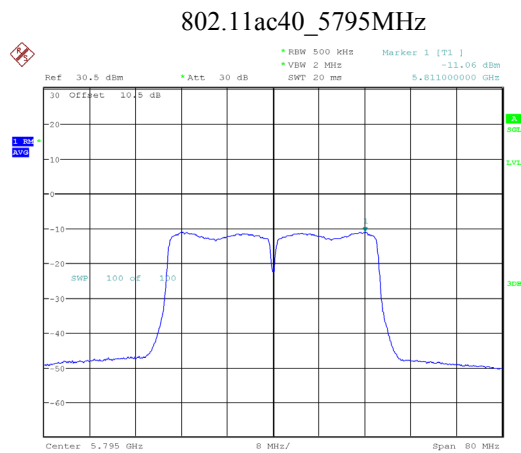
802.11ac20_5825MHz



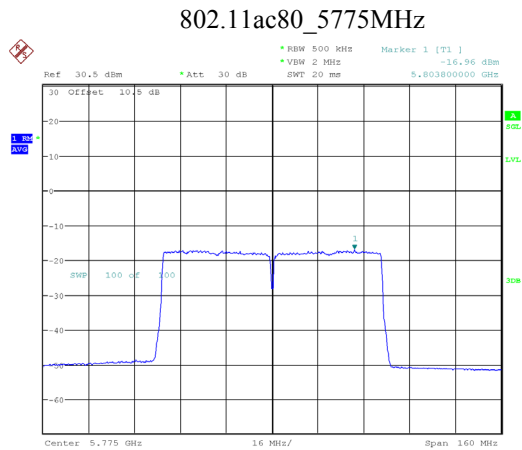
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ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 11:54:22



ProjectNo.:RSHA250211002 Tester:Neil Zhou
Date: 11.APR.2025 12:35:22

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.

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