

EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2025-08-25 ~ 2025-08-26
Temperature:	27.1°C ~ 27.6°C
Relative Humidity:	49% ~ 54 %
ATM Pressure:	101.2 kPa ~ 101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant*5150-5250 MHz:*

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5180	21.214	16.600
	Middle	5200	21.163	16.700
	High	5240	20.604	16.600
802.11 ac20	Low	5180	23.324	17.700
	Middle	5200	22.806	17.750
	High	5240	21.400	17.700
802.11 ac40	Low	5190	41.300	36.300
	High	5230	41.700	36.400
802.11 ac80	Middle	5210	81.800	75.400

Note: the 99% Occupied Bandwidth have not fall into the band 5250-5350MHz.

5250-5350 MHz:

Test mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5260	20.705	17.700
	Middle	5300	22.877	16.650
	High	5320	20.808	17.700
802.11 ac20	Low	5260	27.782	17.850
	Middle	5300	20.858	17.650
	High	5320	21.935	17.650
802.11 ac40	Low	5270	41.400	36.300
	High	5310	41.100	36.300
802.11 ac80	Middle	5290	82	75.600

5725-5850MHz:

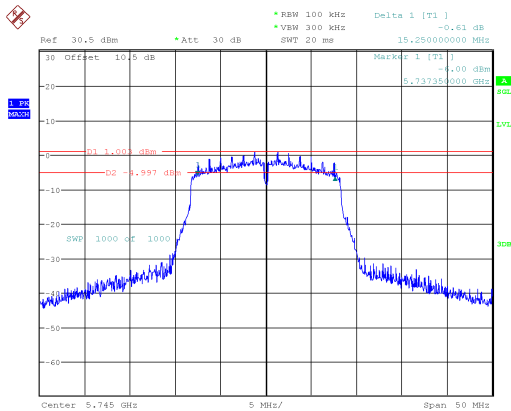
Test mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)
802.11 a	Low	5745	16.650
	Middle	5785	16.600
	High	5825	16.600
802.11 ac20	Low	5745	17.650
	Middle	5785	17.650
	High	5825	17.650
802.11 ac40	Low	5755	36.300
	High	5795	36.300
802.11 ac80	Middle	5775	75.400

Note: the 99% Occupied Bandwidth have not fall into the band 5470-5725MHz.

Test mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
802.11 a	Low	5745	15.250	0.5
	Middle	5785	15.250	
	High	5825	15.250	
802.11 ac20	Low	5745	15.250	
	Middle	5785	15.250	
	High	5825	15.250	
802.11 ac40	Low	5755	35.300	
	High	5795	35.300	
802.11 ac80	Middle	5775	75.600	

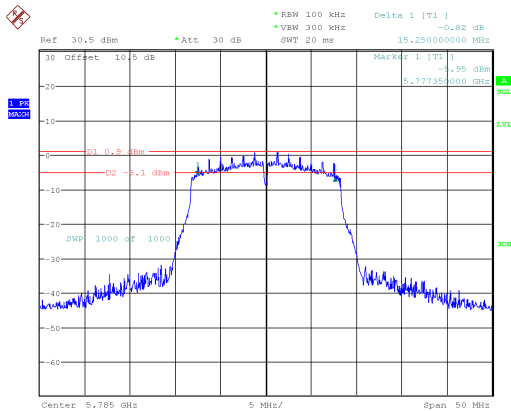
6dB Bandwidth
5725-5850 MHz Band

802.11a mode, 5745MHz



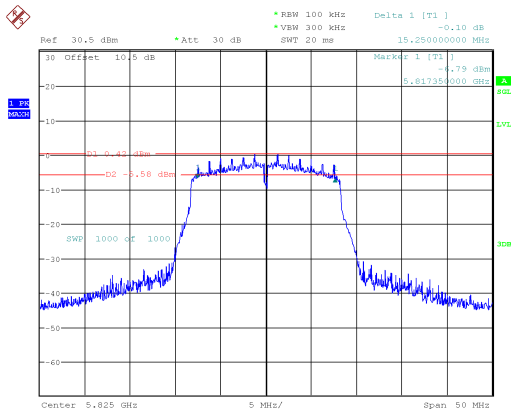
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:39:36

802.11a mode, 5785MHz



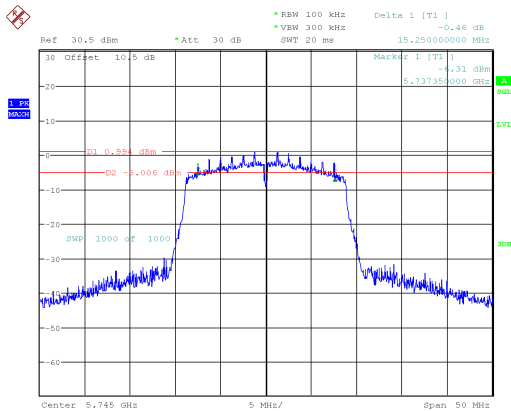
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:43:27

802.11a mode, 5825MHz



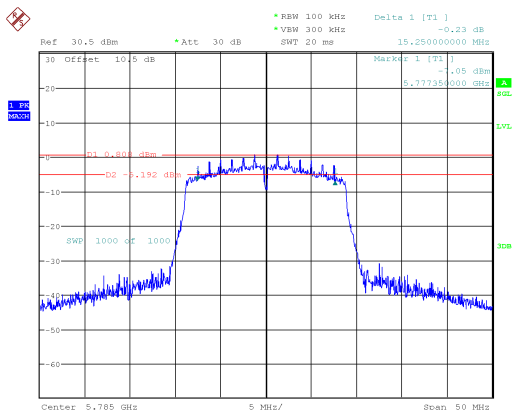
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:46:49

802.11ac20 mode, 5745MHz



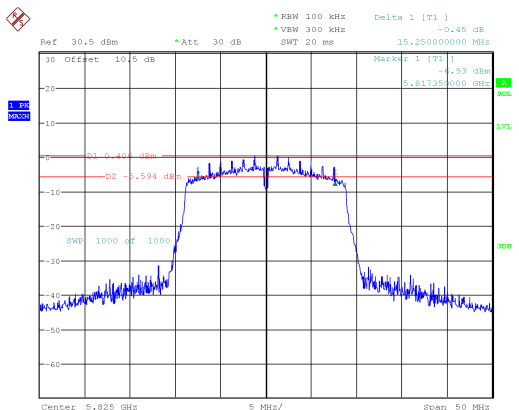
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:50:21

802.11 ac20 mode, 5785MHz



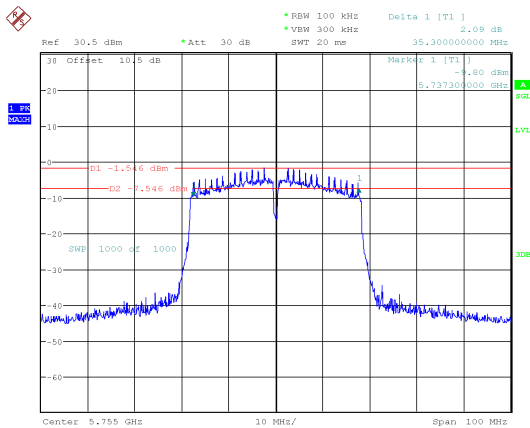
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:53:46

802.11 ac20 mode, 5825MHz



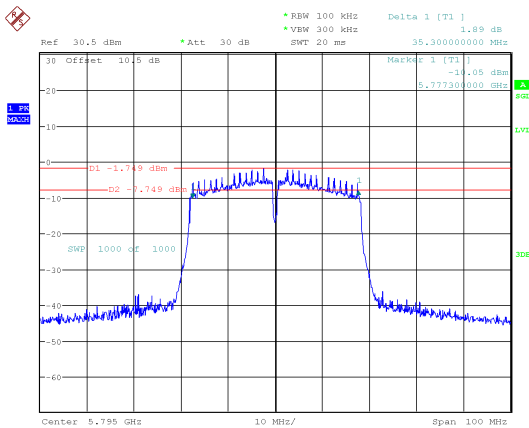
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:59:11

802.11ac40 mode, 5755MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:28:32

802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:37:35

Ref 30.5 dBm Att 30 dB SMT 20 ms Delta 1 [T1] -0.66 dB 75.600000000 MHz

3B Offset 10.5 dB Mark 1 [T1] -11.24 dBm 5.73720000 GHz

D1 -47.42 dBm D2 -47.42 dBm

SWP 1000 cF 1000

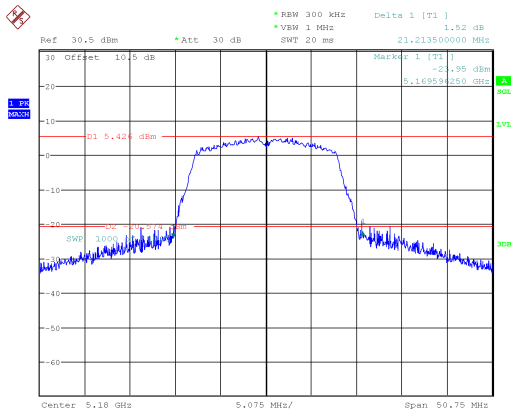
Center 5.775 GHz 20 MHz/ Span 200 MHz

ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:48:24

26 Bandwidth

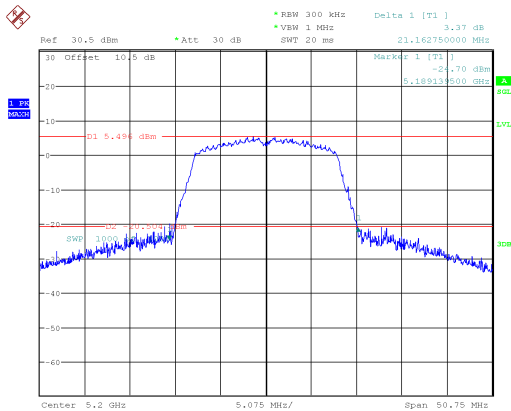
5150-5250 MHz Band:

802.11a mode, 5180MHz



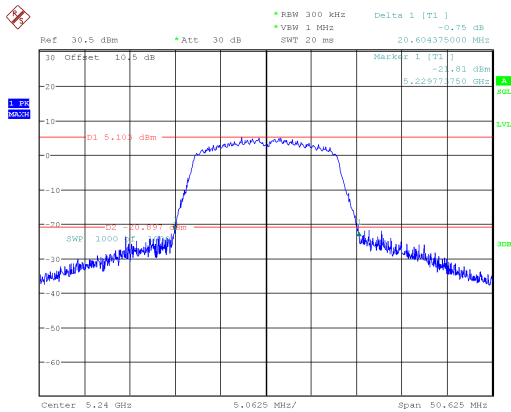
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:16:27

802.11a mode, 5200MHz



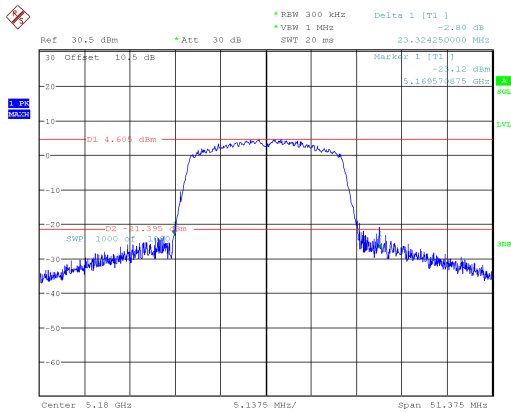
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:54:48

802.11a mode, 5240MHz



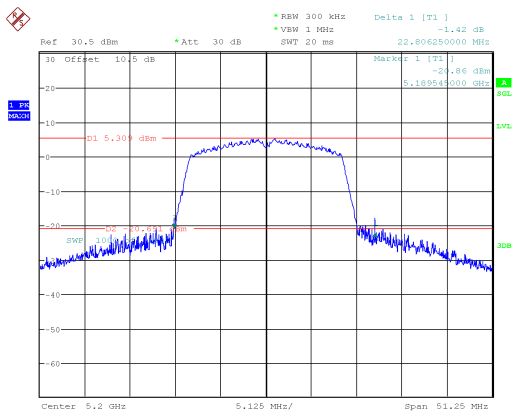
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:00:08

802.11ac20 mode, 5180MHz



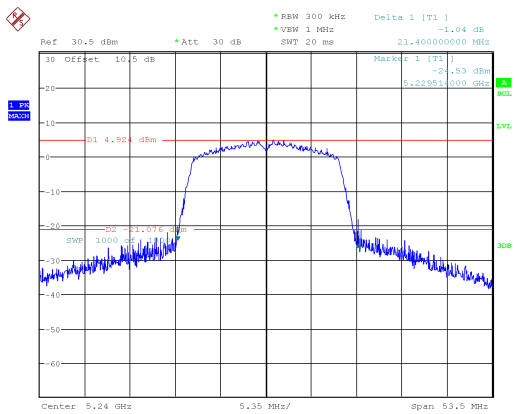
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:23:55

802.11 ac20 mode, 5200MHz



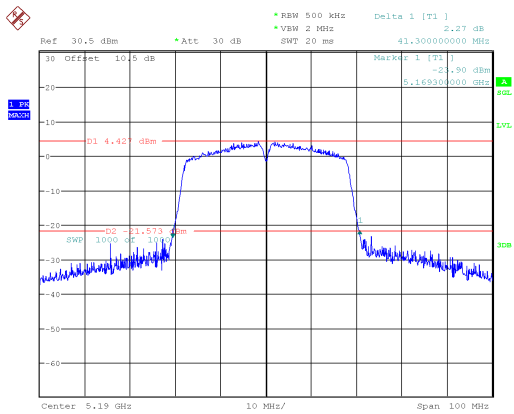
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:31:16

802.11 ac20 mode, 5240MHz



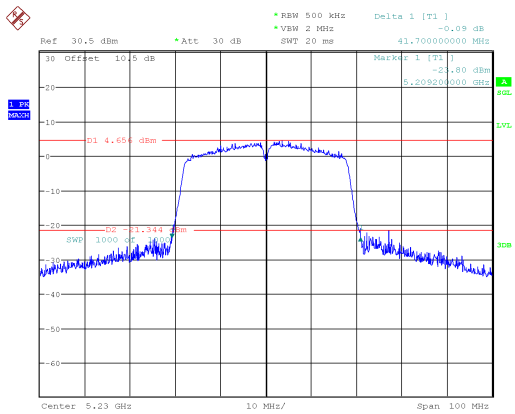
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:35:42

802.11ac40 mode, 5190MHz



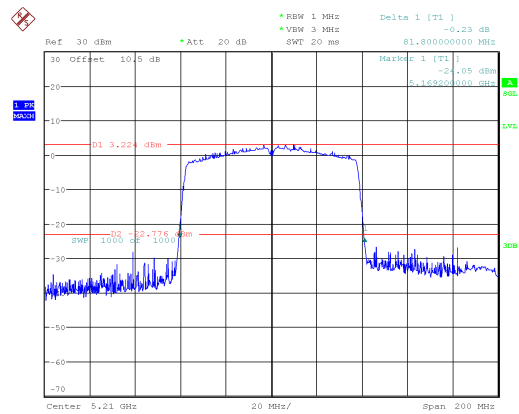
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:09:27

802.11 ac40 mode, 5230MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:40:40

802.11ac80 mode, 5210MHz

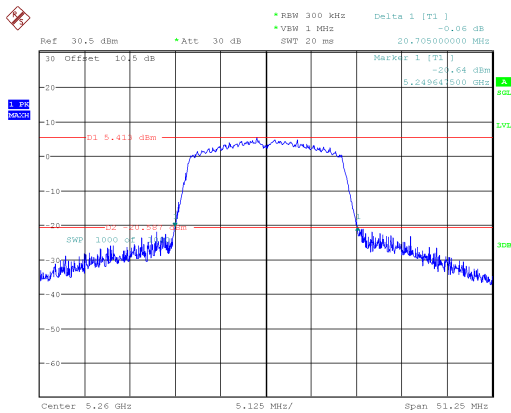


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:44:29

26 Bandwidth

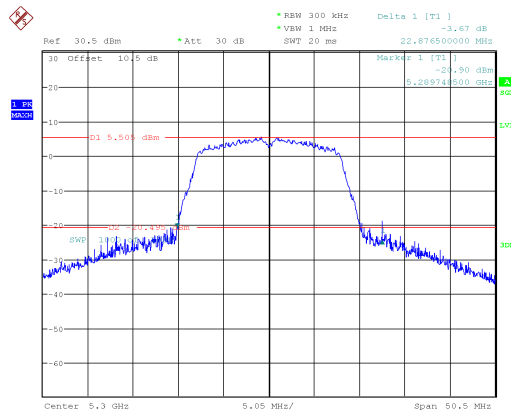
5250-5350MHz Band:

802.11a mode, 5260MHz



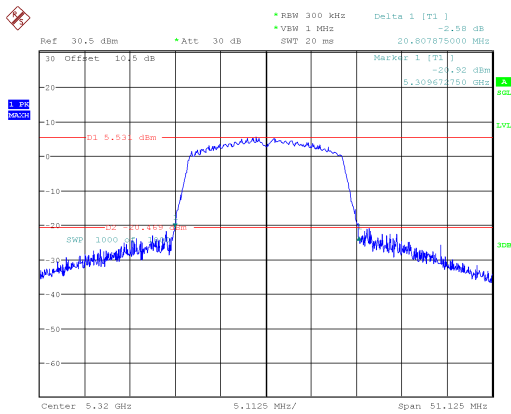
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:46:27

802.11a mode, 5300MHz



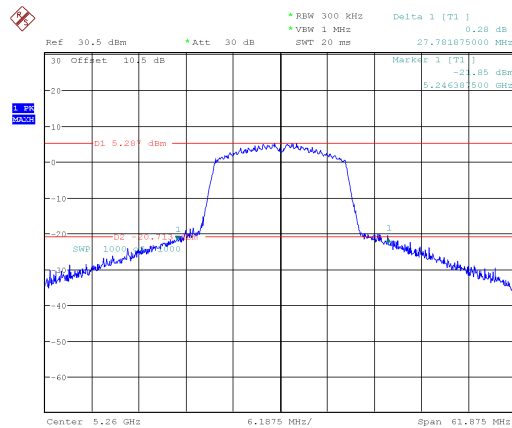
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 18:04:02

802.11a mode, 5320MHz



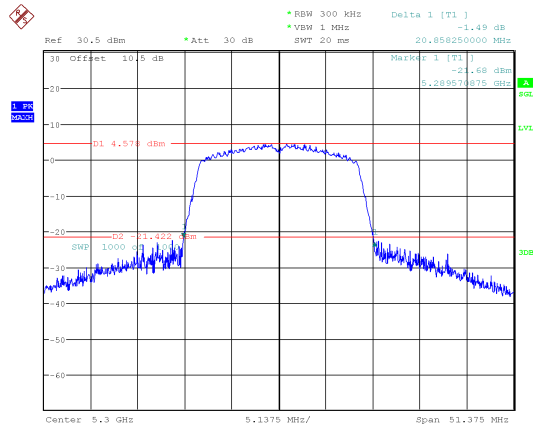
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:56:44

802.11ac20 mode, 5260MHz



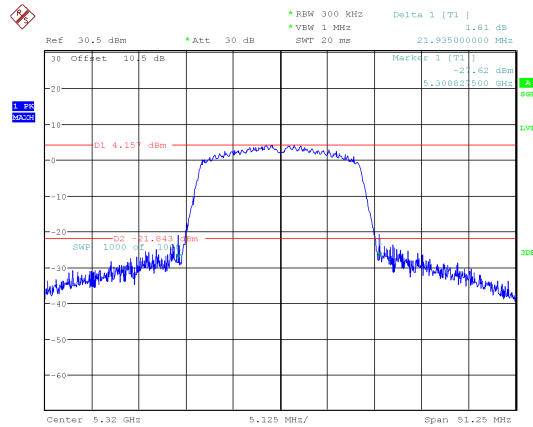
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 10:59:13

802.11 ac20 mode, 5300MHz



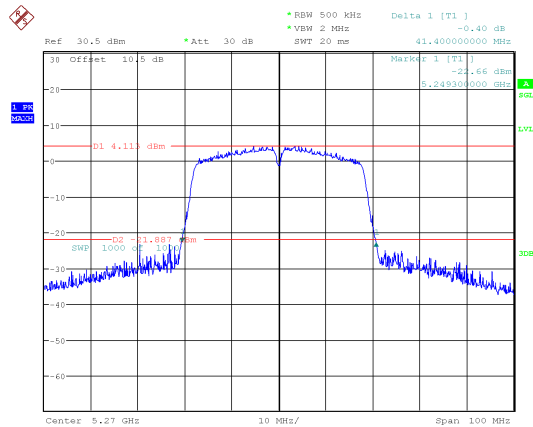
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802.11 ac20 mode, 5320MHz



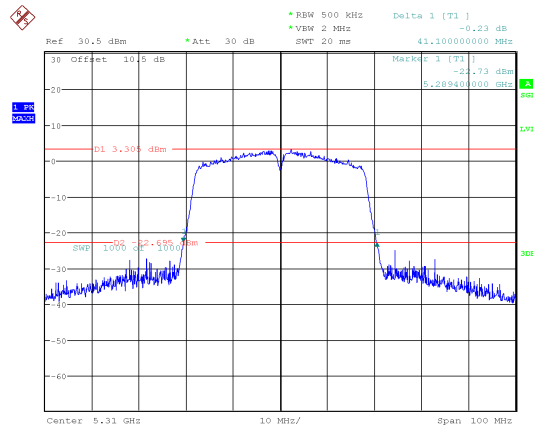
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:07:00

802.11ac40 mode, 5270MHz



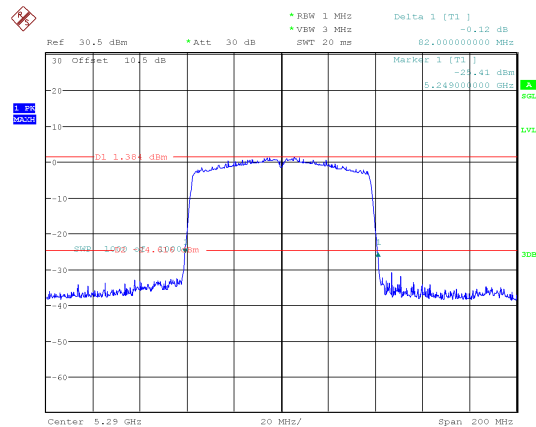
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:12:37

802.11 ac40 mode, 5310MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:18:42

802.11ac80 mode, 5290MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:25:18

802.11a mode, 5180MHz

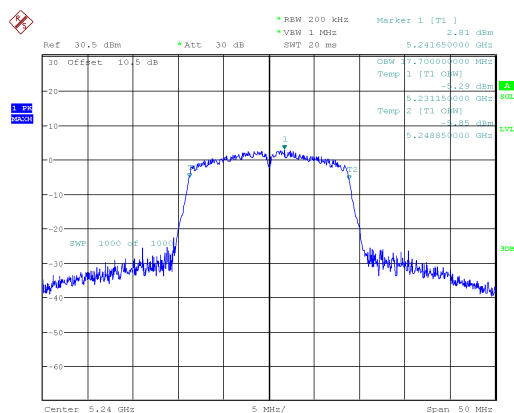


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:55:49

ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:01:14

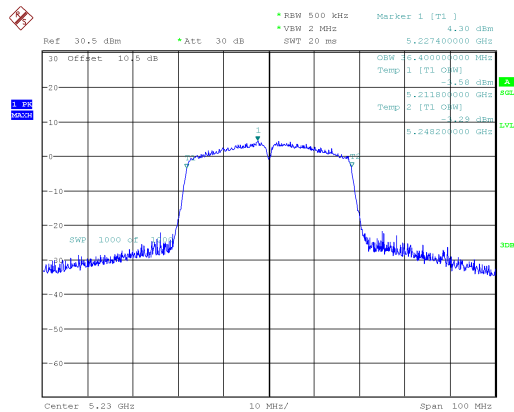
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:24:56

802.11 ac20 mode, 5240MHz



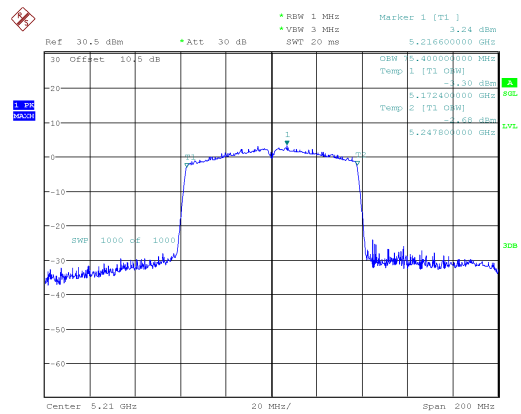
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:36:47

802.11 ac40 mode, 5230MHz



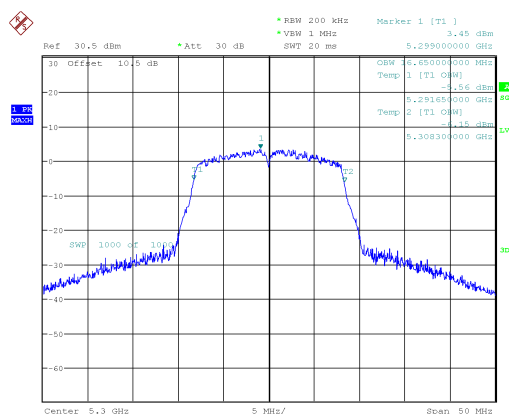
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:42:25

802.11ac80 mode, 5210MHz



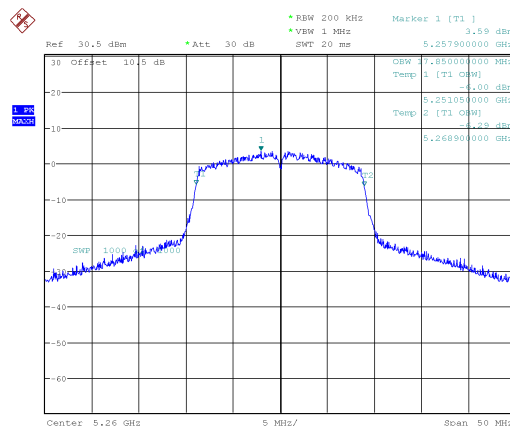
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:31:15

802.11a mode, 5300MHz



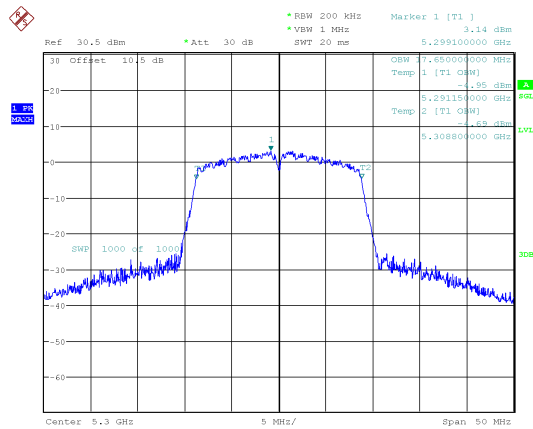
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 18:05:01

802.11ac20 mode, 5260MHz



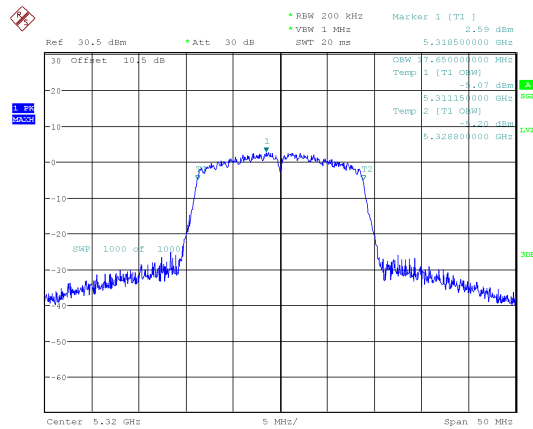
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:00:12

802.11 ac20 mode, 5300MHz



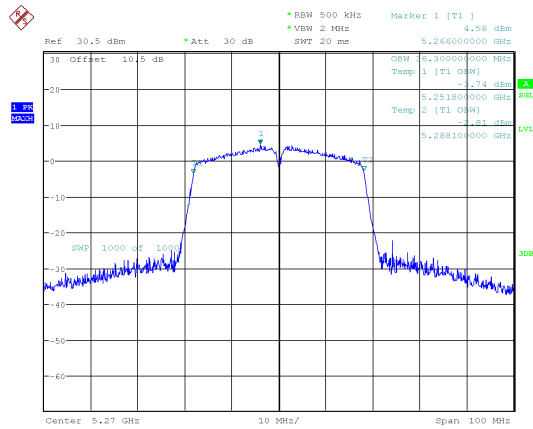
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 18:28:42

802.11 ac20 mode, 5320MHz



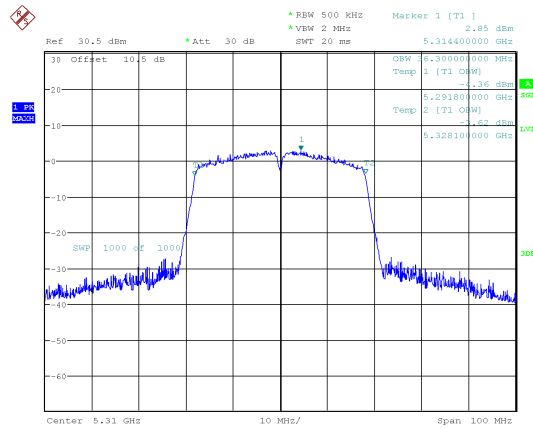
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:07:59

802.11ac40 mode, 5270MHz



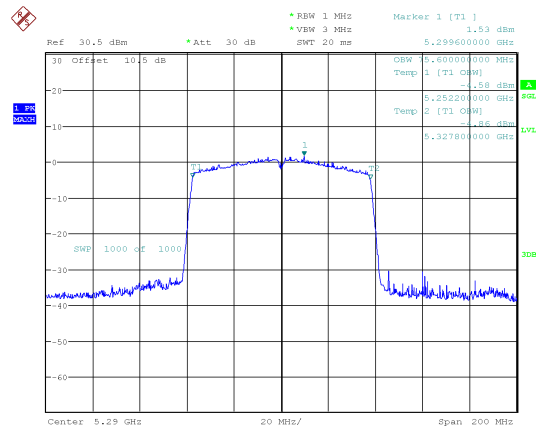
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:14:23

802.11 ac40 mode, 5310MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:20:25

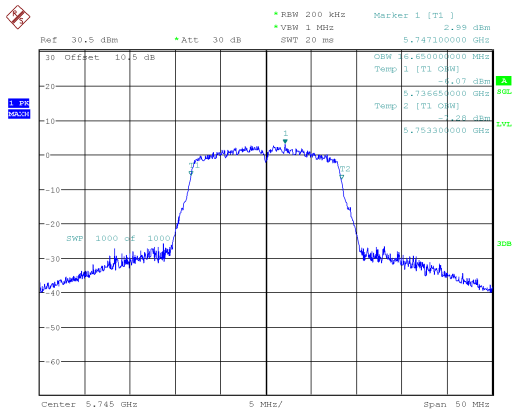
802.11ac80 mode, 5290MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:27:05

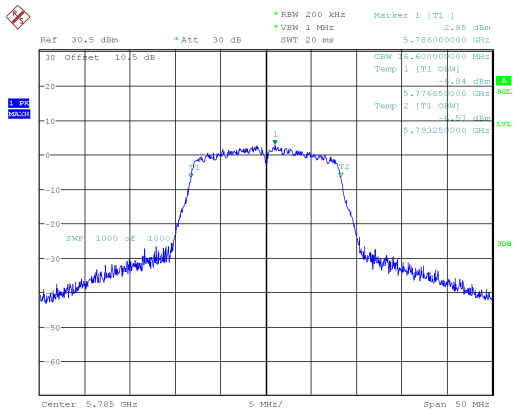
5725-5850 MHz Band

802.11a mode, 5745MHz



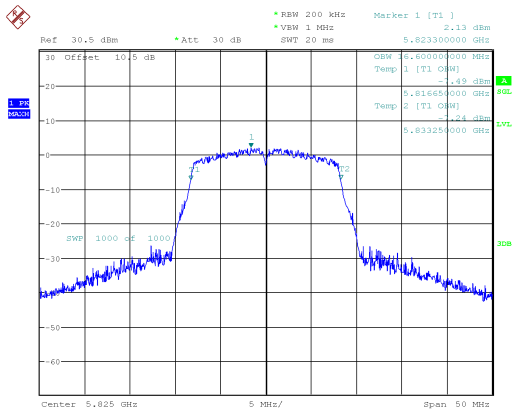
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:40:40

802.11a mode, 5785MHz



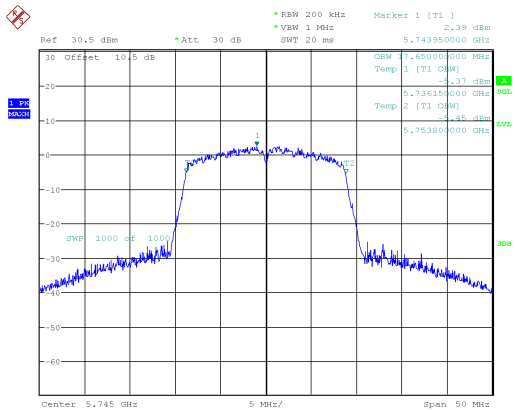
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:44:28

802.11a mode, 5825MHz



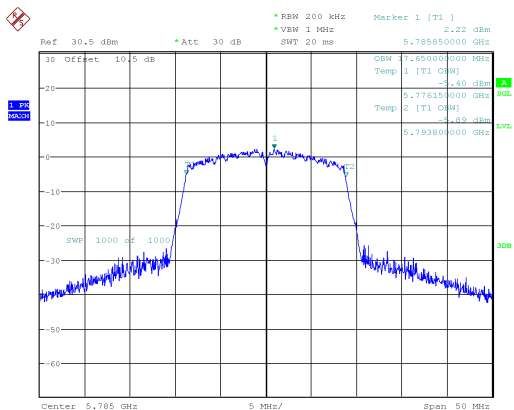
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:47:51

802.11ac20 mode, 5745MHz



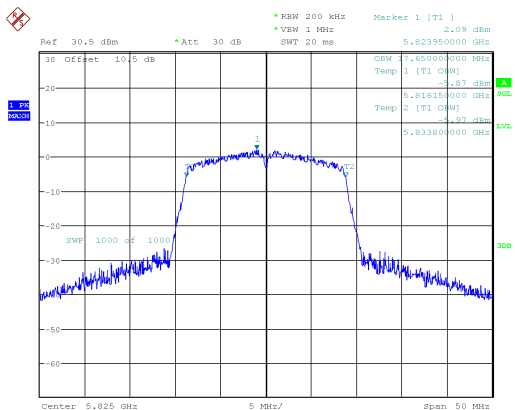
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:51:25

802.11 ac20 mode, 5785MHz



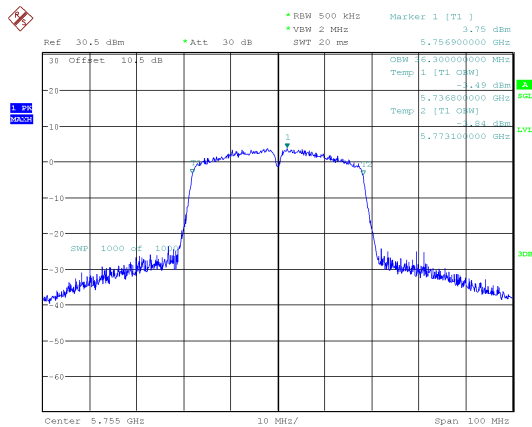
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:54:50

802.11 ac20 mode, 5825MHz



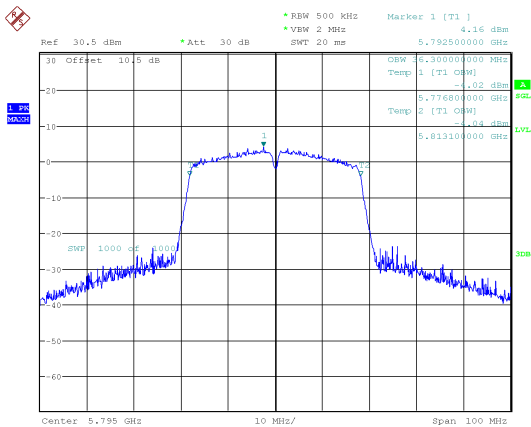
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 12:00:10

802.11ac40 mode, 5755MHz



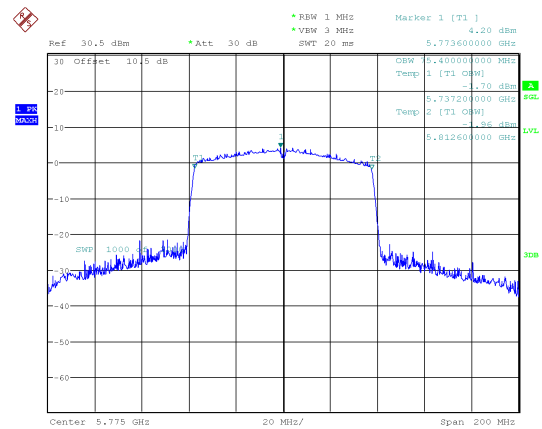
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:31:04

802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:39:28

802.11 ac80 mode, 5775MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:51:35

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

Test Date:	2025-08-25 ~ 2025-08-26
Temperature:	27.1°C ~ 27.6°C
Relative Humidity:	49% ~ 54 %
ATM Pressure:	101.2 kPa ~ 101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5150-5250 MHz	802.11 a	Low	5180	11.87	24
		Middle	5200	11.88	
		High	5240	11.63	
	802.11 ac20	Low	5180	11.65	
		Middle	5200	12.18	
		High	5240	11.7	
	802.11 ac40	Low	5190	11.77	
		High	5230	11.76	
	802.11 ac80	Middle	5210	9.86	

Note: the EUT is a client equipment.

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5250-5350MHz	802.11 a	Low	5260	11.78	24
		Middle	5300	12.24	
		High	5320	12.16	
	802.11 ac20	Low	5260	12.03	
		Middle	5300	11.72	
		High	5320	11.45	
	802.11 ac40	Low	5270	11.71	
		High	5310	10.54	
	802.11 ac80	Middle	5290	8.24	

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5725-5850 MHz	802.11 a	Low	5745	11.55	30
		Middle	5785	11.22	
		High	5825	10.85	
	802.11 ac20	Low	5745	11.39	
		Middle	5785	11.03	
		High	5825	10.71	
	802.11 ac40	Low	5755	11.47	
		High	5795	11.26	
	802.11 ac80	Middle	5775	11.33	

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

Test Date:	2025-08-25 ~ 2025-08-26
Temperature:	27.1℃ ~ 27.6℃
Relative Humidity:	49% ~ 54 %
ATM Pressure:	101.2 kPa ~ 101.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting

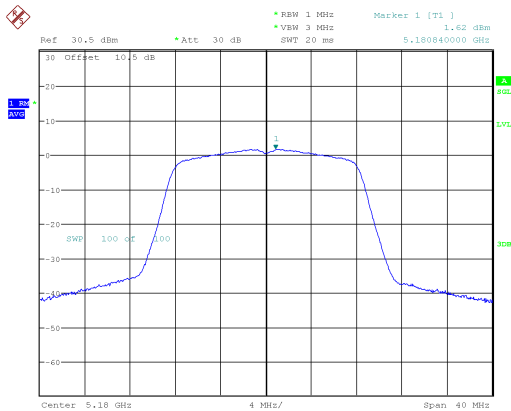
Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5150-5250 MHz	802.11 a	Low	5180	1.62	0.14	1.76	11
		Middle	5200	1.67	0.14	1.81	
		High	5240	1.39	0.14	1.53	
	802.11 ac20	Low	5180	1.22	0.15	1.37	
		Middle	5200	1.79	0.15	1.94	
		High	5240	1.30	0.15	1.45	
	802.11 ac40	Low	5190	-1.65	0.31	-1.34	
		High	5230	-1.68	0.31	-1.37	
	802.11 ac80	Middle	5210	-7.02	0.62	-6.40	

Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5250-5350MHz	802.11 a	Low	5260	1.40	0.14	1.54	11
		Middle	5300	2.05	0.14	2.19	
		High	5320	1.78	0.14	1.92	
	802.11 ac20	Low	5260	1.56	0.15	1.71	
		Middle	5300	1.29	0.15	1.44	
		High	5320	1.06	0.15	1.21	
	802.11 ac40	Low	5270	-1.76	0.32	-1.44	
		High	5310	-2.91	0.32	-2.59	
	802.11 ac80	Middle	5290	-8.56	0.59	-7.97	

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	-1.58	0.14	-1.44	30
		Middle	5785	-1.86	0.14	-1.72	
		High	5825	-2.40	0.14	-2.26	
	802.11 ac20	Low	5745	-2.07	0.15	-1.92	
		Middle	5785	-2.25	0.15	-2.10	
		High	5825	-2.72	0.15	-2.57	
	802.11 ac40	Low	5755	-5.02	0.30	-4.72	
		High	5795	-5.22	0.30	-4.92	
	802.11 ac80	Middle	5775	-8.42	0.60	-7.82	

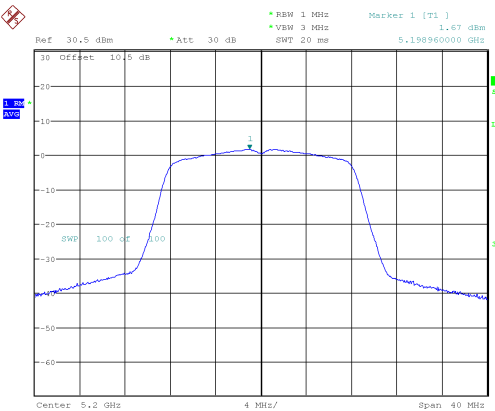
Note: Result=Reading+ Duty Cycle Factor

5150MHz-5250 MHz Band:
802.11a mode, Power spectral density-5180MHz



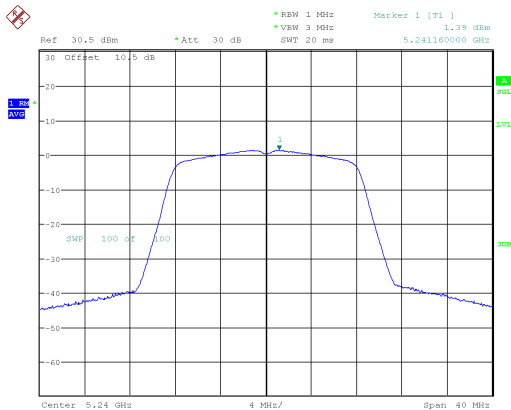
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:18:00

802.11a mode, Power spectral density-5200MHz



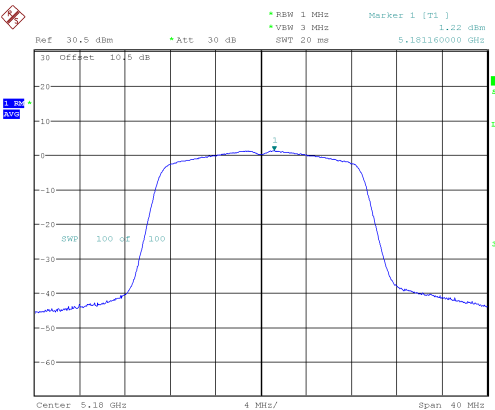
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:56:22

802.11a mode, Power spectral density-5240MHz



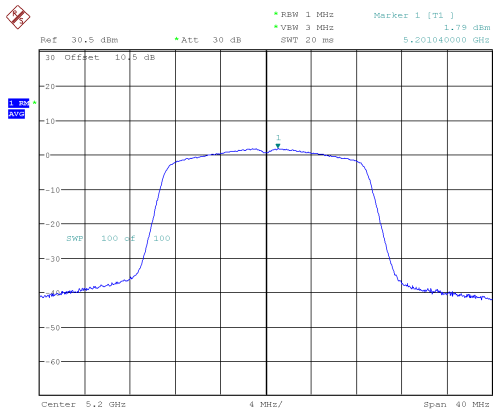
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:01:47

802.11ac20 mode, Power spectral density-5180MHz

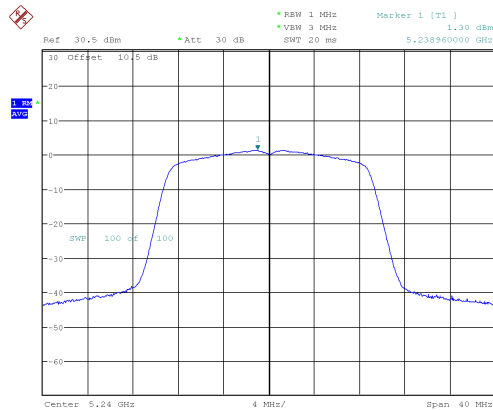


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:25:28

802.11 ac20 mode, Power spectral density-5200MHz 802.11 ac20 mode, Power spectral density-5240MHz

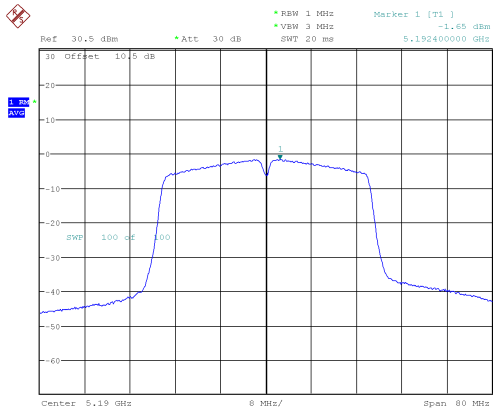


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:32:44

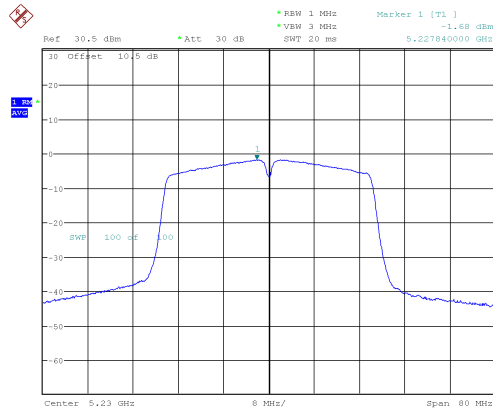


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:37:15

802.11ac40 mode, Power spectral density-5190MHz 802.11 ac40 mode, Power spectral density-5230MHz

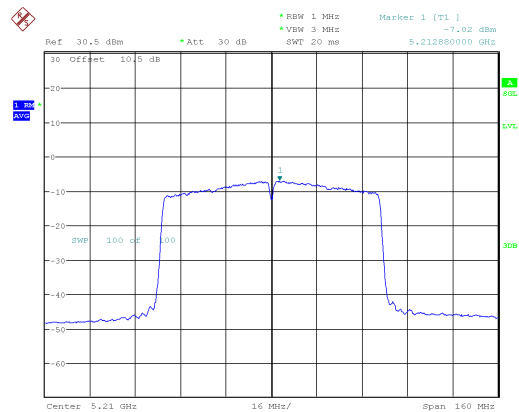


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:11:45



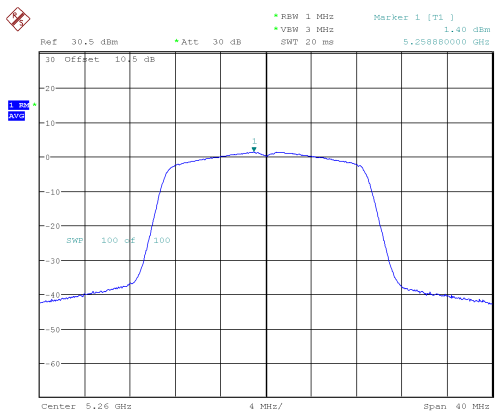
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:42:58

802.11 ac80 mode, Power spectral density-5210MHz



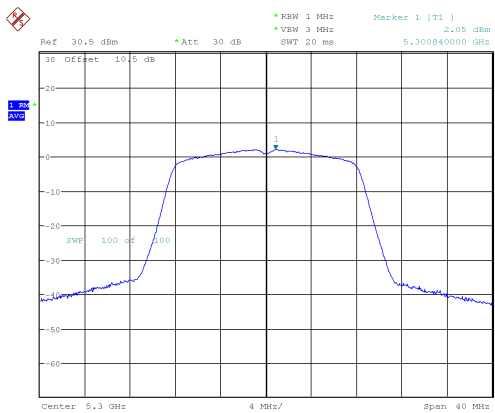
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 16:31:57

5250-5350MHz Band:
802.11a mode, Power spectral density-5260MHz



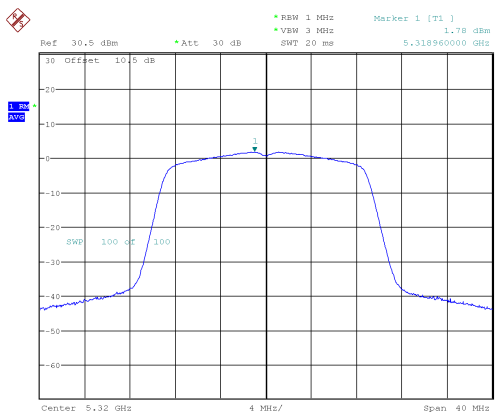
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:48:01

802.11a mode, Power spectral density-5300MHz



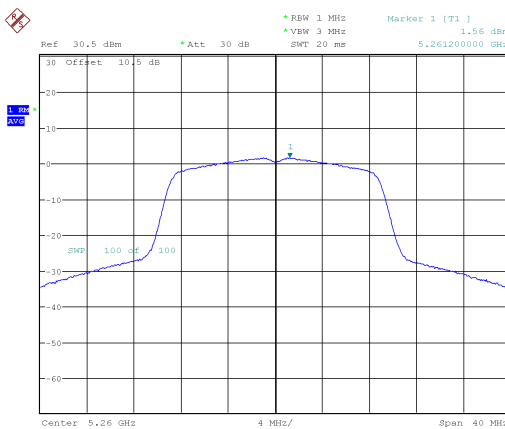
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 18:05:29

802.11a mode, Power spectral density-5320MHz



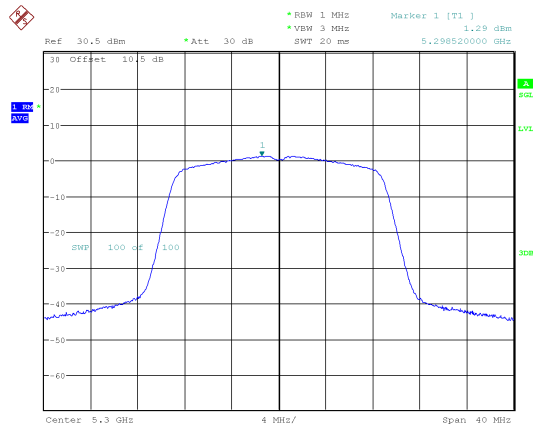
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 17:58:24

802.11ac20 mode, Power spectral density-5260MHz



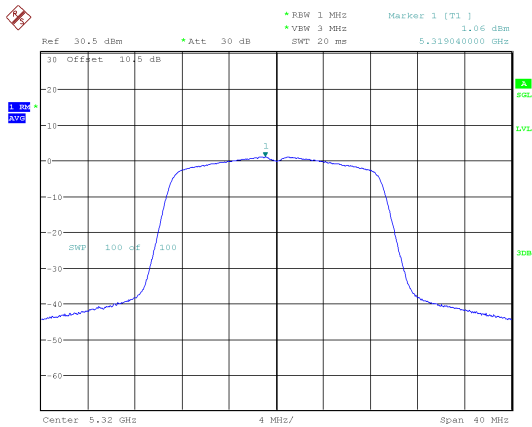
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:00:40

802.11 ac20 mode, Power spectral density-5300MHz



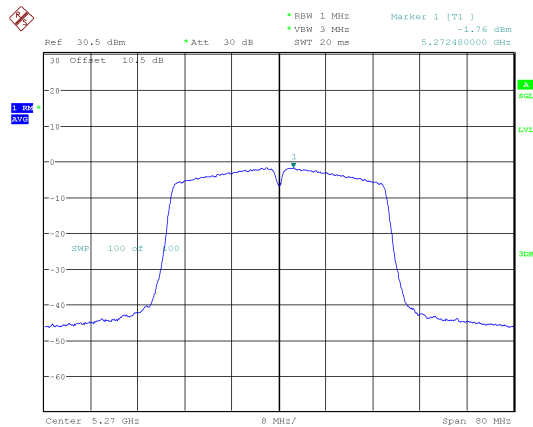
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 18:29:10

802.11 ac20 mode, Power spectral density-5320MHz



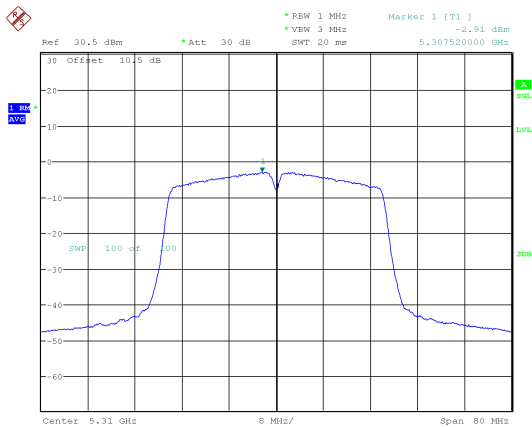
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:08:29

802.11ac40 mode, Power spectral density-5270MHz



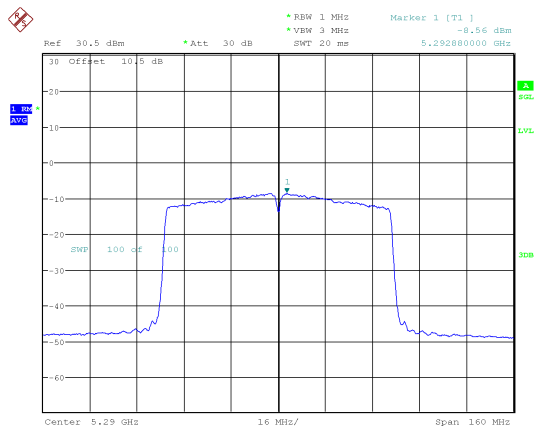
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:14:57

802.11 ac40 mode, Power spectral density-5310MHz



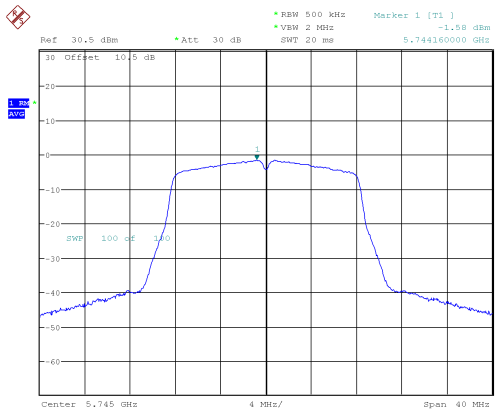
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:20:58

802.11 ac80 mode, Power spectral density-5290MHz



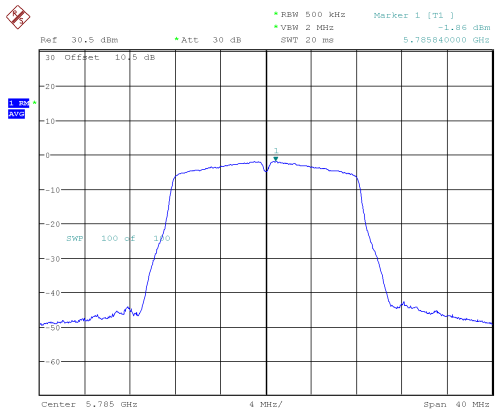
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:36:14

5725MHz-5850 MHz Band:
802.11a mode, Power spectral density-5745MHz



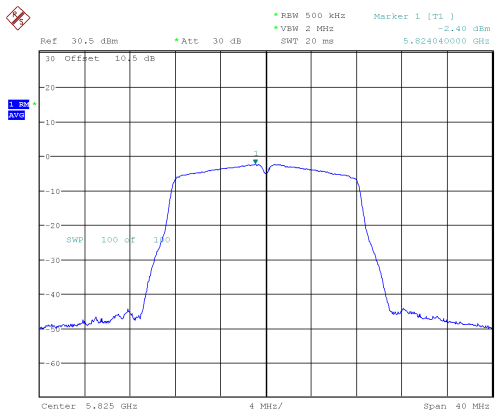
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:41:19

802.11a mode, Power spectral density-5785MHz



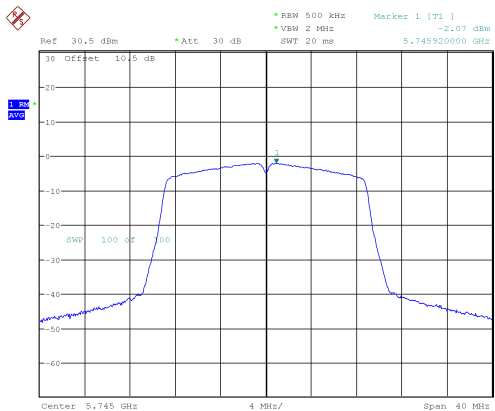
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:45:02

802.11a mode, Power spectral density-5825MHz



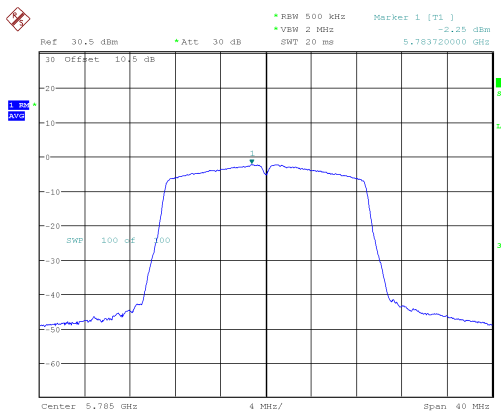
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:48:25

802.11ac20 mode, Power spectral density-5745MHz

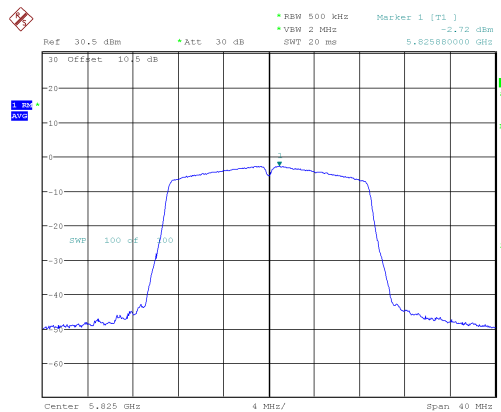


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:52:04

802.11 ac20 mode, Power spectral density-5785MHz 802.11 ac20 mode, Power spectral density-5825MHz

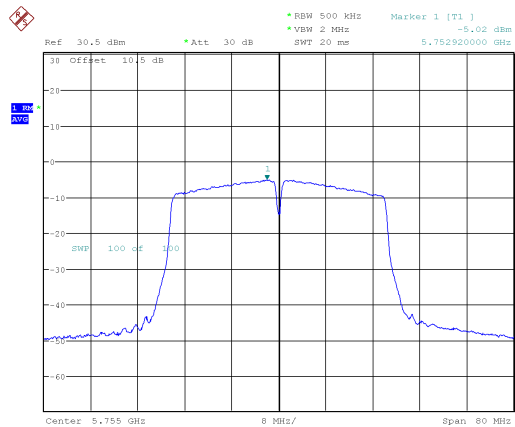


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 11:57:19

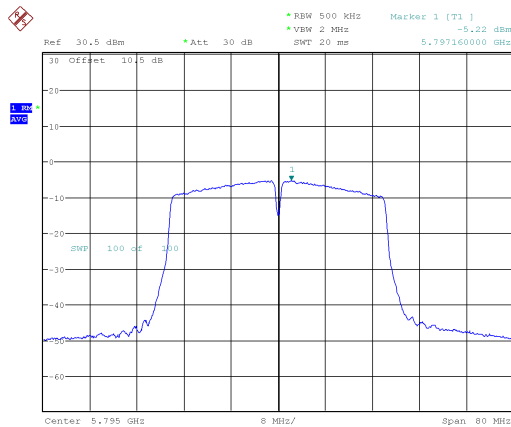


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 12:00:38

802.11ac40 mode, Power spectral density-5755MHz 802.11 ac40 mode, Power spectral density-5795MHz

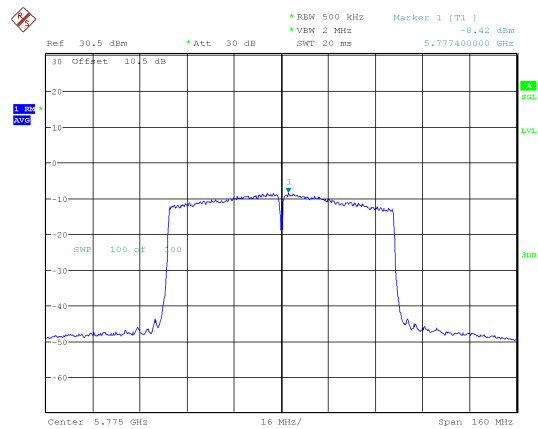


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:33:27



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:40:00

802.11 ac80 mode, Power spectral density-5775MHz



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 26.AUG.2025 13:52:43

EUT PHOTOGRAPHS

Please refer to the attachment EXHIBIT A - EUT EXTERNAL PHOTOGRAPHS and EXHIBIT B - INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment EXHIBIT D - TEST SETUP PHOTOGRAPHS.

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*******