

802.11a mode, 5500MHz



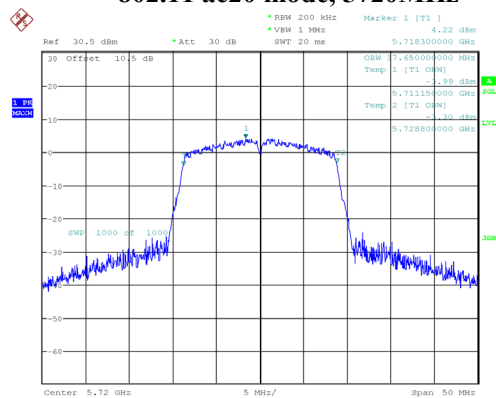
802.11a mode, 5720MHz



802.11 ac20 mode, 5580MHz

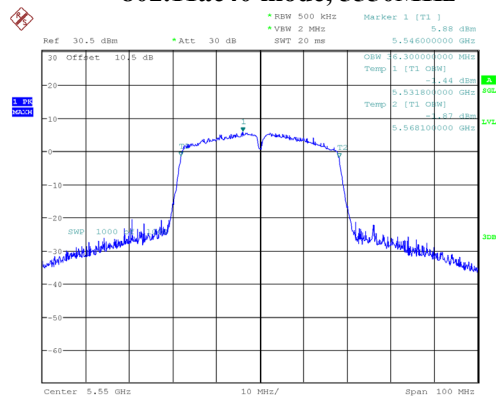


802.11 ac20 mode, 5720MHz



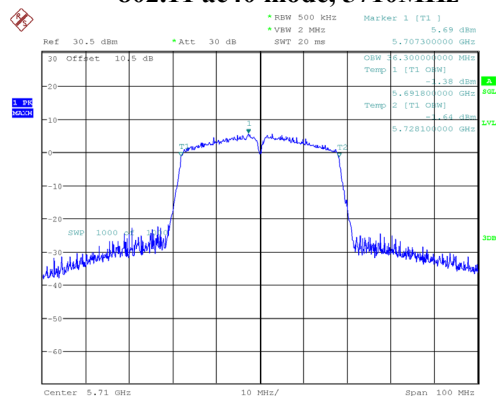
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 16:55:24

802.11ac40 mode, 5550MHz

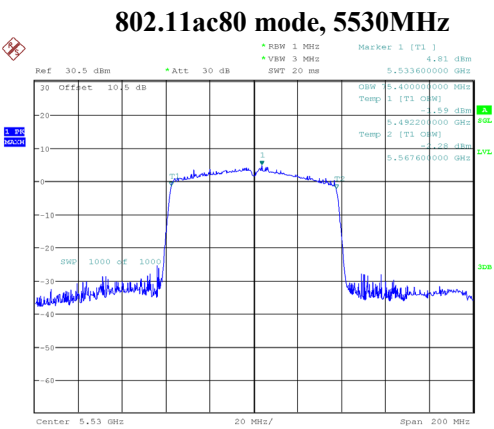


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Date: 22.SEP.2025 17:07:19

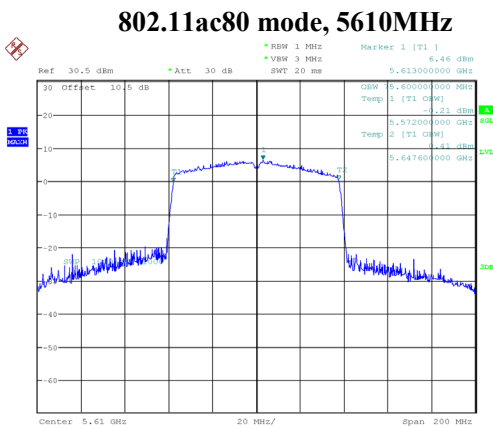
802.11 ac40 mode, 5710MHz



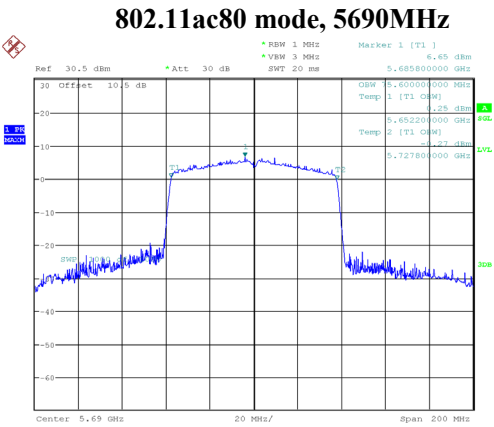
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:19:28



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:25:53



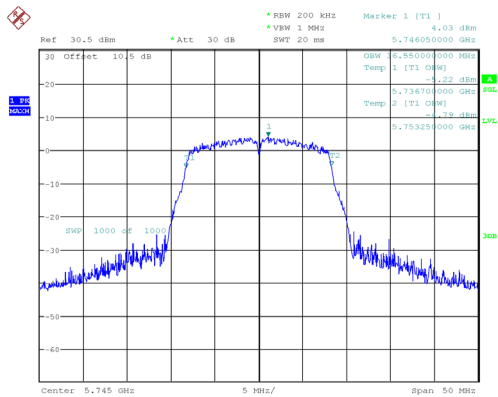
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:31:45



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:40:39

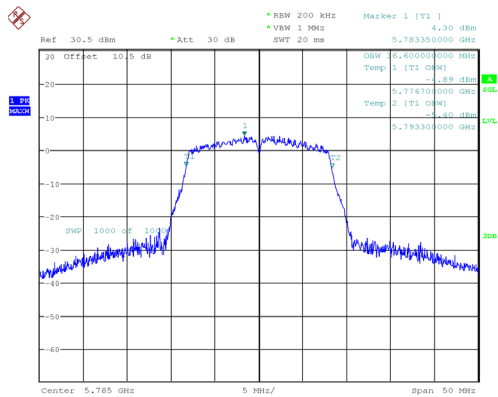
5725-5850 MHz Band

802.11a mode, 5745MHz



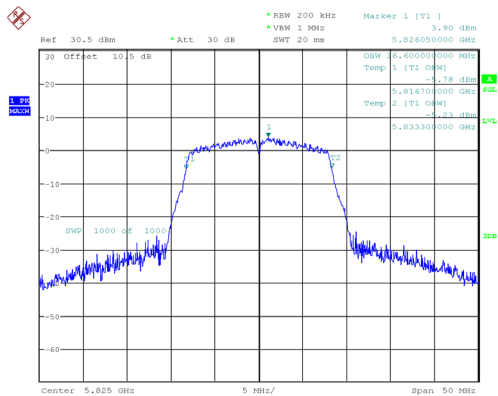
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:51:23

802.11a mode, 5785MHz



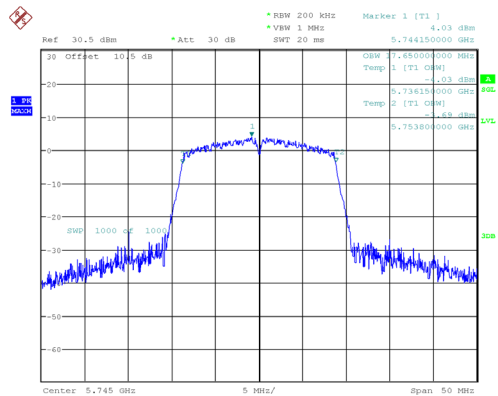
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:54:34

802.11a mode, 5825MHz



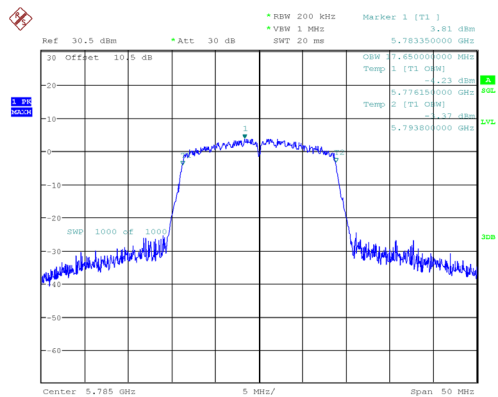
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:58:25

802.11ac20 mode, 5745MHz



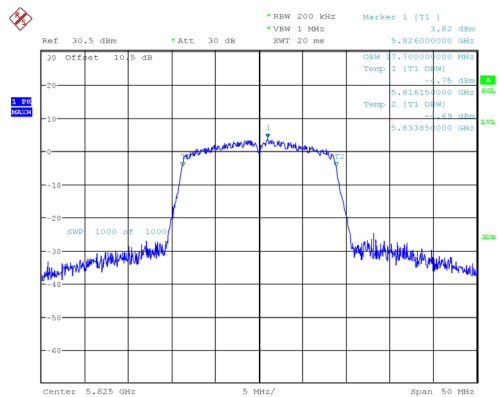
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802.11 ac20 mode, 5785MHz



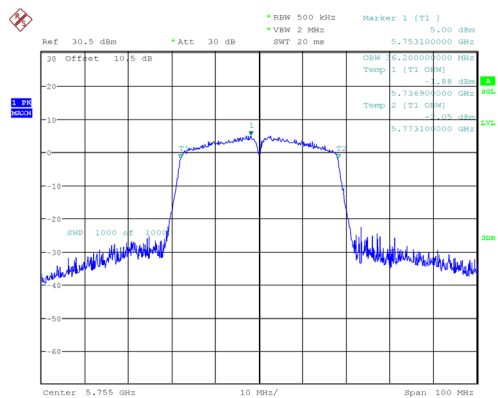
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Date: 22.SEP.2025 14:05:41

802.11 ac20 mode, 5825MHz



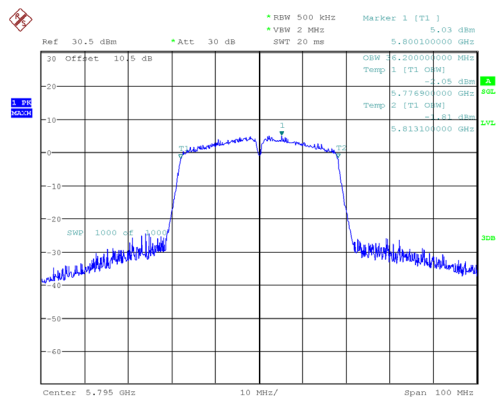
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 14:08:46

802.11ac40 mode, 5755MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 14:15:03

802.11 ac40 mode, 5795MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 14:58:51

ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 15:17:47

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

Test Date:	2025-09-22
Temperature:	25.6 °C
Relative Humidity:	54 %
ATM Pressure:	101.3 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	13.24	24
		Middle	5200	12.66	
		High	5240	12.62	
	802.11 ac20	Low	5180	12.44	
		Middle	5200	12.74	
		High	5240	12.74	
	802.11 ac40	Low	5190	11.95	
		High	5230	12.51	
	802.11 ac80	Middle	5210	10.22	

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5250-5350MHz	802.11 a	Low	5260	12.54	24
		Middle	5300	12.85	
		High	5320	13.04	
	802.11 ac20	Low	5260	12.57	
		Middle	5300	12.81	
		High	5320	12.86	
	802.11 ac40	Low	5270	12.46	
		High	5310	11.61	
	802.11 ac80	Middle	5290	10.42	

Band	Mode	Frequency (MHz)	Reading (dBm)	Limit (dBm)
5470-5725 MHz	802.11a	5500	13.56	24
		5580	13.45	
		5700	13.34	
		5720	12.55	
	802.11ac20	5500	12.1	
		5580	13.26	
		5700	13.18	
		5720	12.29	
	802.11ac40	5510	11.17	
		5550	13.32	
		5670	13.32	
		5710	12.68	
	802.11ac80	5530	11.15	
		5610	13.43	
		5690	13.03	

Band	Mode	Channel	Frequency (MHz)	Conducted Average Power (dBm)	Limit (dBm)
5725-5850 MHz	802.11 a	Low	5745	12.98	30
		Middle	5785	13.05	
		High	5825	12.72	
	802.11 ac20	Low	5745	12.87	
		Middle	5785	12.72	
		High	5825	12.58	
	802.11 ac40	Low	5755	12.7	
		High	5795	12.73	
	802.11 ac80	Middle	5775	12.78	

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

Test Date:	2025-09-22
Temperature:	25.6 °C
Relative Humidity:	54 %
ATM Pressure:	101.3 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	2.99	0.17	3.16	11
		Middle	5200	2.40	0.17	2.57	
		High	5240	2.57	0.20	2.77	
	802.11 ac20	Low	5180	2.21	0.20	2.41	
		Middle	5200	2.38	0.20	2.58	
		High	5240	2.40	0.20	2.60	
	802.11 ac40	Low	5190	-1.44	0.28	-1.16	
		High	5230	-0.68	0.28	-0.40	
	802.11 ac80	Middle	5210	-6.40	0.60	-5.80	

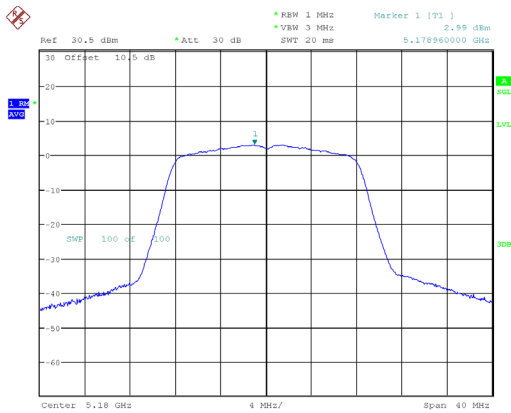
Band	Mode	Channel	Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
5250-5350MHz	802.11 a	Low	5260	2.36	0.14	2.50	11
		Middle	5300	2.66	0.14	2.80	
		High	5320	2.85	0.14	2.99	
	802.11 ac20	Low	5260	2.14	0.15	2.29	
		Middle	5300	2.44	0.15	2.59	
		High	5320	2.49	0.15	2.64	
	802.11 ac40	Low	5270	-0.97	0.29	-0.68	
		High	5310	-1.78	0.29	-1.49	
	802.11 ac80	Middle	5290	-6.38	0.59	-5.79	

Band	Mode	Channel	Frequency (MHz)	PSD			Limit (dBm/MHz)
				Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	
5470-5725 MHz	802.11a	Low	5500	3.30	0.14	3.44	11
		Middle	5580	3.22	0.14	3.36	
		High	5700	3.21	0.14	3.35	
		Cross	5720	1.25	0.14	1.39	
				2.98	0.14	3.12	
	802.11ac20	Low	5500	1.72	0.15	1.87	
		Middle	5580	2.86	0.15	3.01	
		High	5700	2.84	0.15	2.99	
		Cross	5720	0.97	0.15	1.12	
				2.67	0.15	2.82	
	802.11ac40	Low	5510	-2.21	0.32	-1.89	
		Middle	5550	-0.12	0.32	0.20	
		High	5670	-0.06	0.32	0.26	
		Cross	5710	-4.11	0.32	-3.79	
				-0.59	0.32	-0.27	
	802.11ac80	Low	5530	-5.52	0.62	-4.90	
		Middle	5610	-3.37	0.62	-2.75	
		High	5690	-7.84	0.62	-7.22	
				-3.70	0.62	-3.08	

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	-0.21	0.14	-0.07	30
		Middle	5785	-0.20	0.14	-0.06	
		High	5825	-0.50	0.14	-0.36	
	802.11 ac20	Low	5745	-0.52	0.15	-0.37	
		Middle	5785	-0.67	0.15	-0.52	
		High	5825	-0.92	0.15	-0.77	
	802.11 ac40	Low	5755	-3.86	0.34	-3.52	
		High	5795	-3.77	0.34	-3.43	
	802.11 ac80	Middle	5775	-7.02	0.57	-6.45	

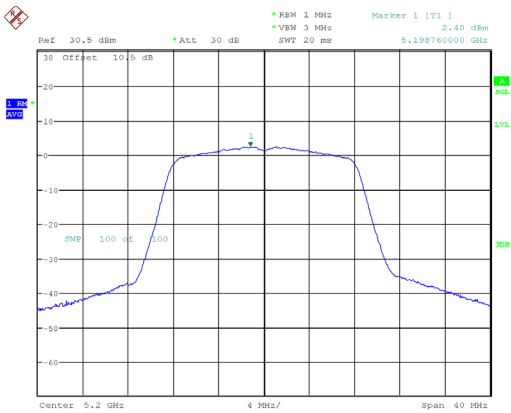
Note: Result=Reading+ Duty Cycle Factor

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



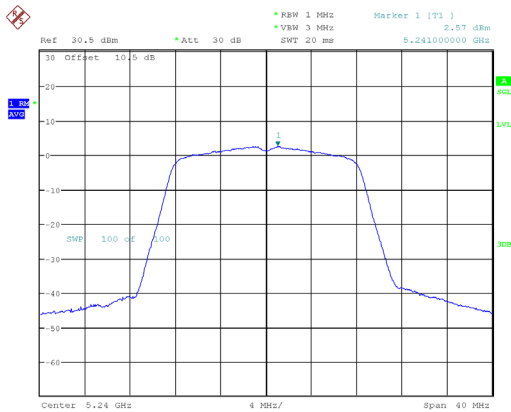
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802.11a mode, Power spectral density-5200MHz



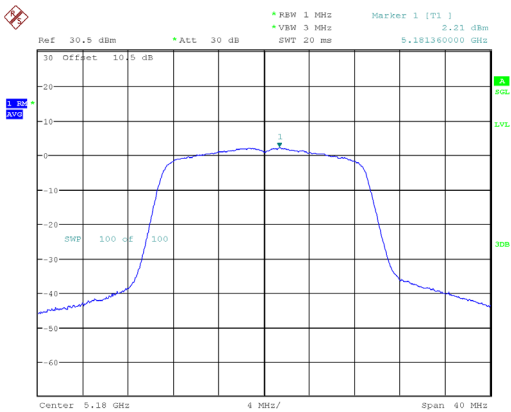
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Date: 22.SEP.2025 11:00:32

802.11a mode, Power spectral density-5240MHz



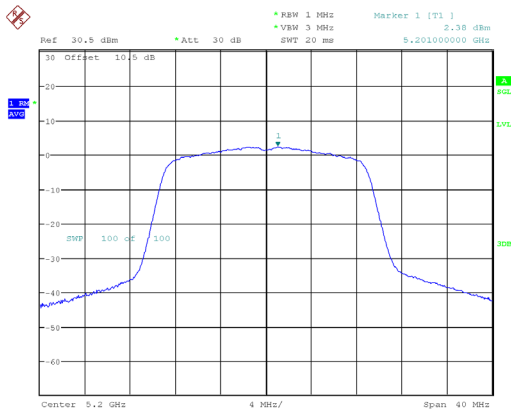
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Date: 22.SEP.2025 11:13:51

802.11ac20 mode, Power spectral density-5180MHz

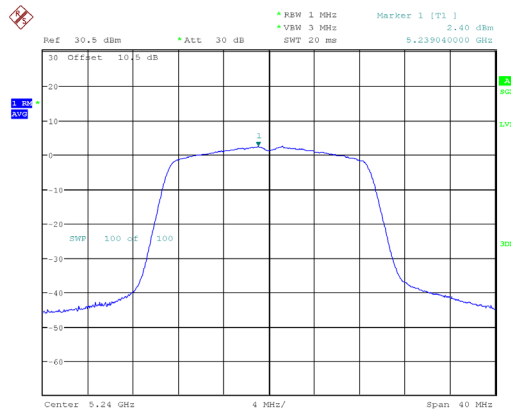


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Date: 22.SEP.2025 11:20:10

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

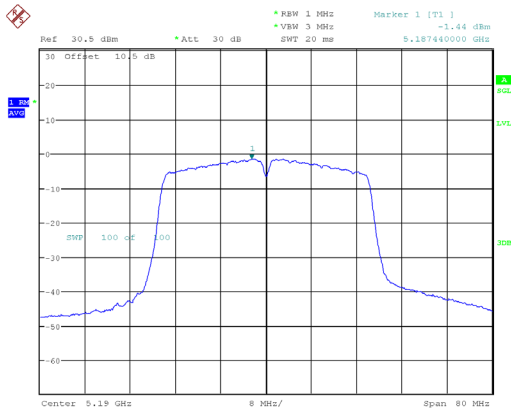


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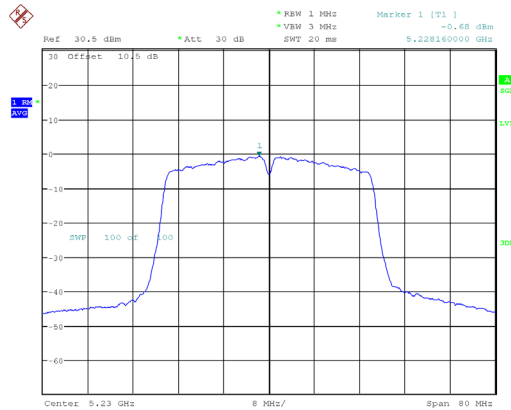


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Date: 22.SEP.2025 11:31:30

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

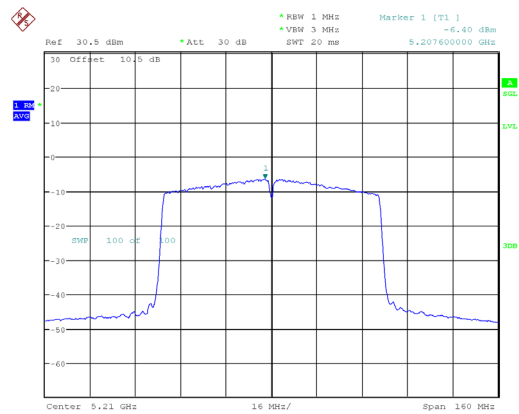


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Date: 22.SEP.2025 11:36:59



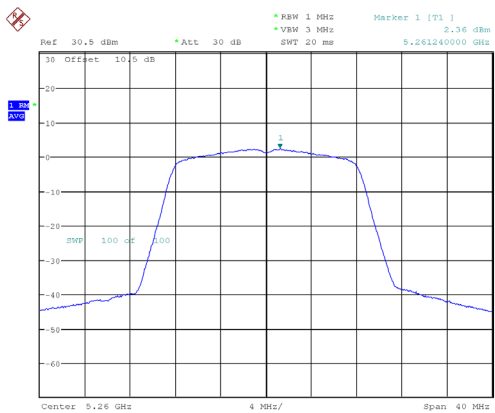
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Date: 22.SEP.2025 11:42:54

802.11 ac80 mode, Power spectral density-5210MHz



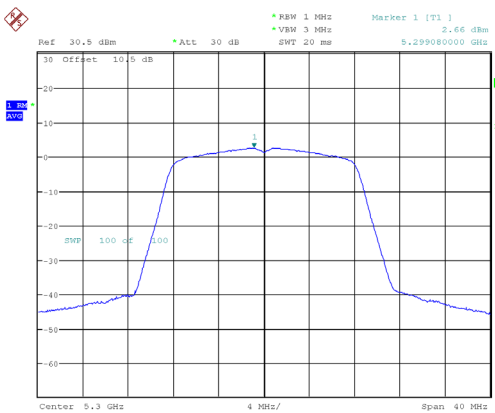
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22,SEP,2025 11:48:27

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



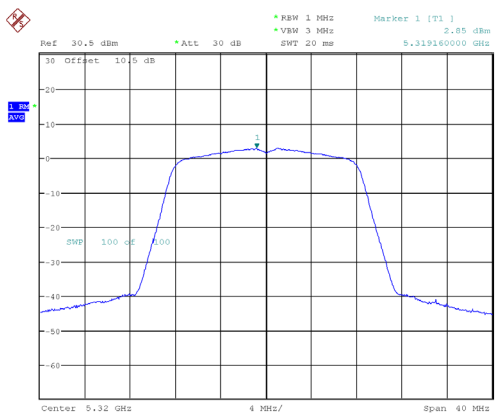
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 11:55:15

802.11a mode, Power spectral density-5300MHz



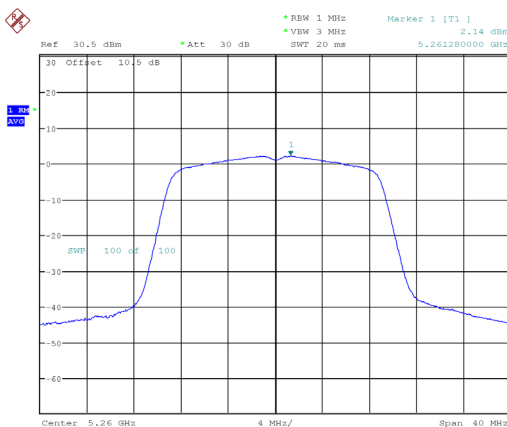
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 11:59:37

802.11a mode, Power spectral density-5320MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:12:42

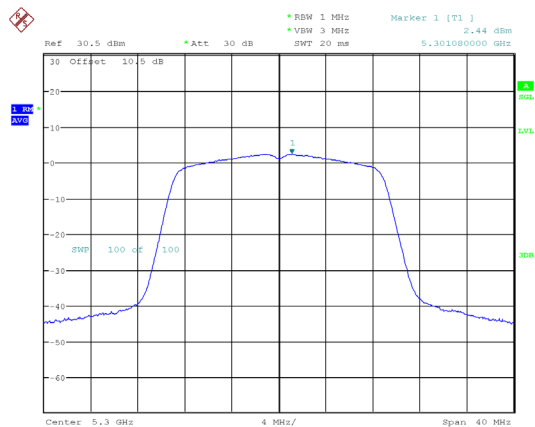
802.11ac20 mode, Power spectral density-5260MHz



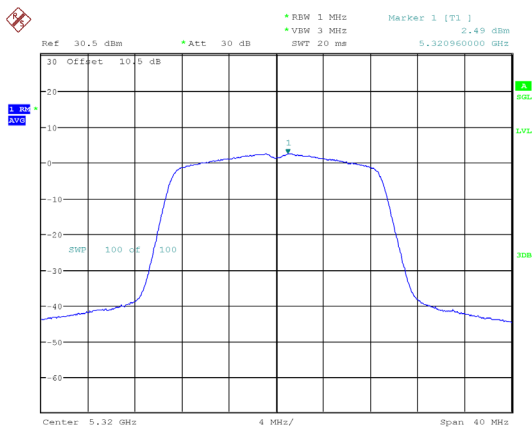
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802.11 ac20 mode, Power spectral density-5300MHz

802.11 ac20 mode, Power spectral density-5320MHz



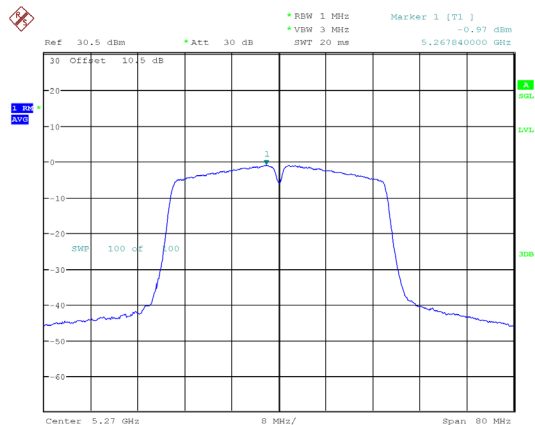
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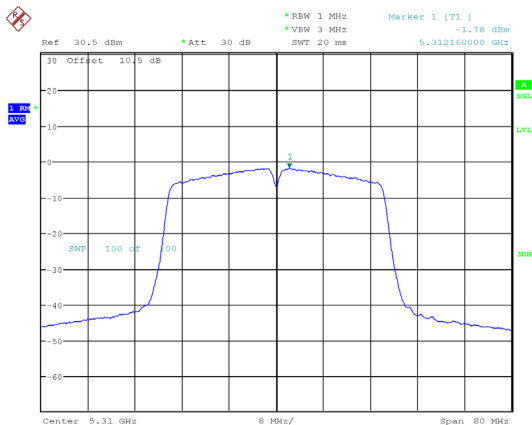
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Date: 22.SEP.2025 13:30:26

802.11ac40 mode, Power spectral density-5270MHz

802.11 ac40 mode, Power spectral density-5310MHz

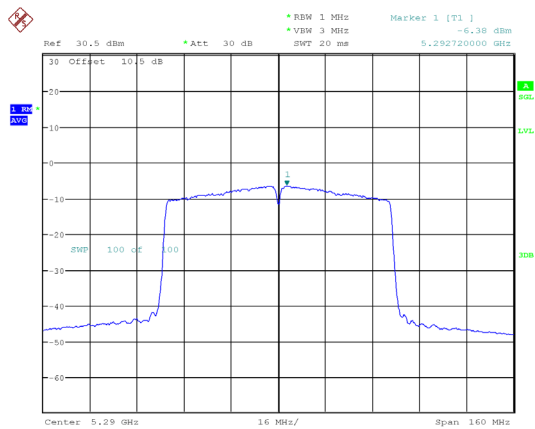


ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:37:26



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:42:47

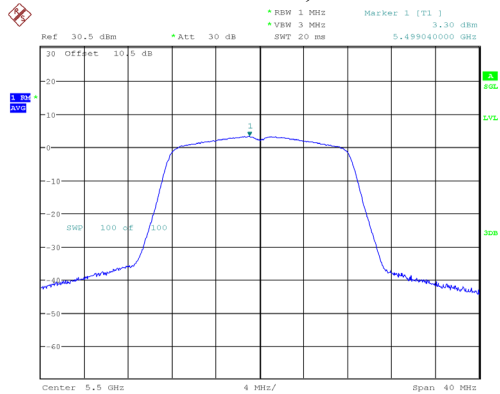
802.11 ac80 mode, Power spectral density-5290MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 13:48:03

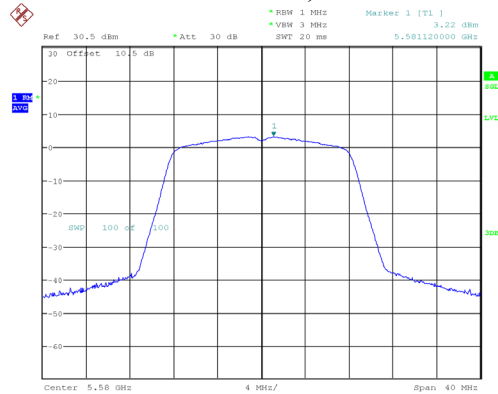
5470-5725 MHz Band:

802.11a mode, 5500MHz



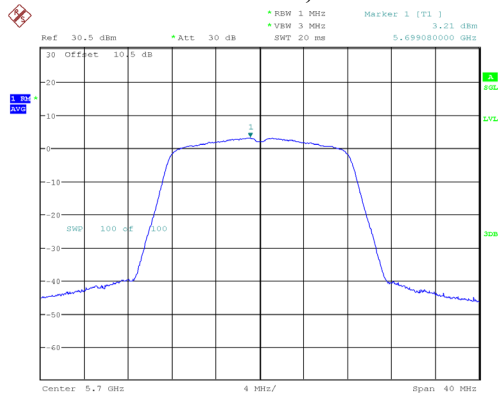
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802.11a mode, 5580MHz



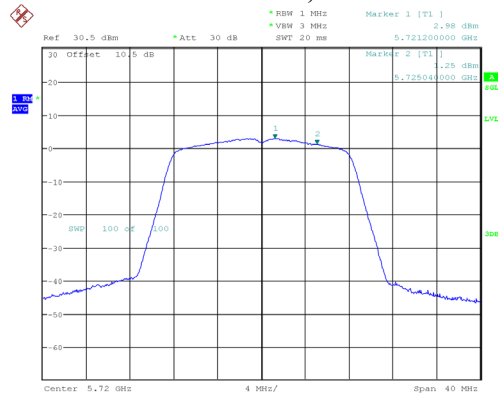
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802.11a mode, 5700MHz



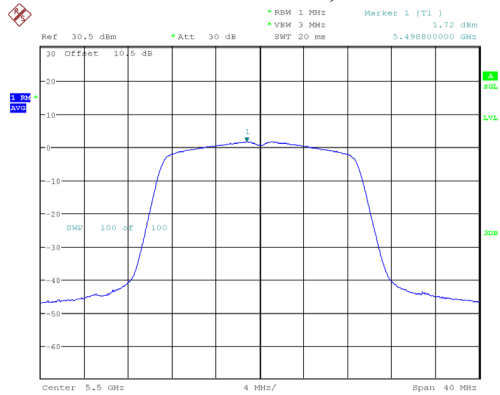
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Date: 22.SEP.2025 16:30:04

802.11a mode, 5720MHz



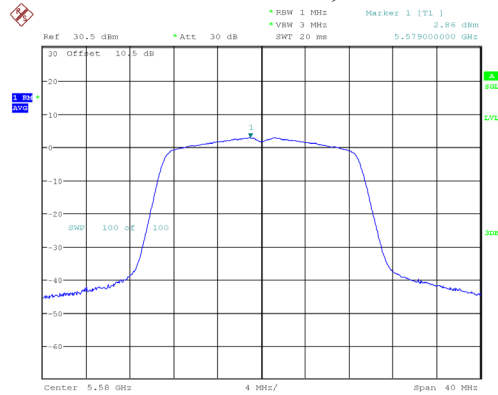
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Date: 22.SEP.2025 16:37:44

802.11 ac20 mode, 5500MHz



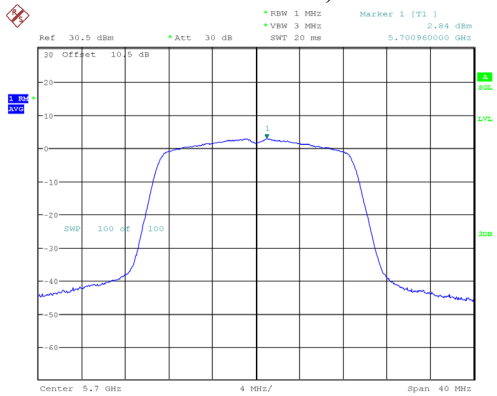
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Date: 22.SEP.2025 16:43:11

802.11 ac20 mode, 5580MHz



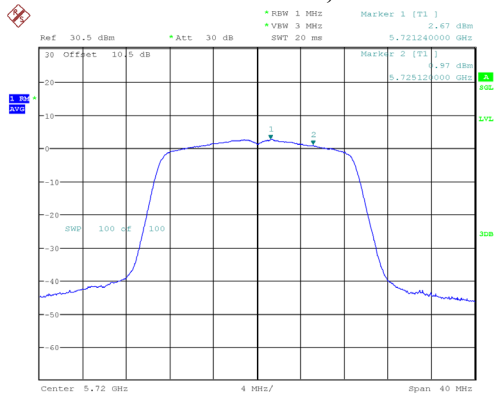
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 16:47:17

802.11 ac20 mode, 5700MHz



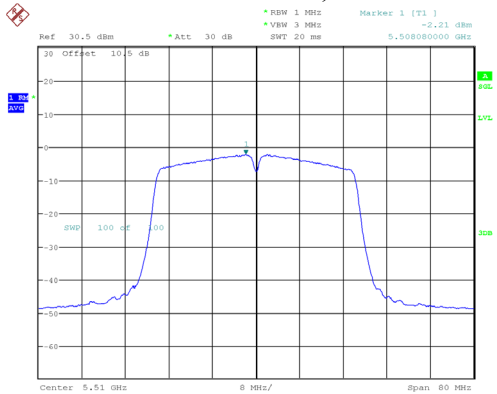
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 16:51:24

802.11 ac20 mode, 5720MHz



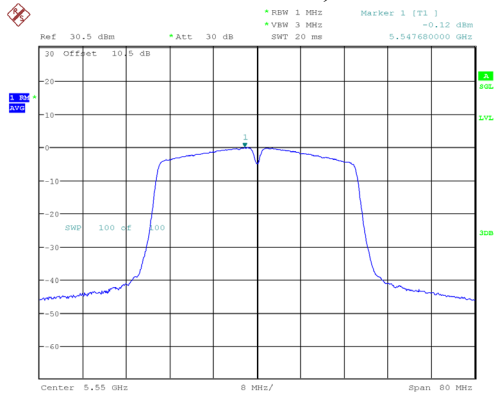
ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 16:56:15

802.11ac40 mode, 5510MHz



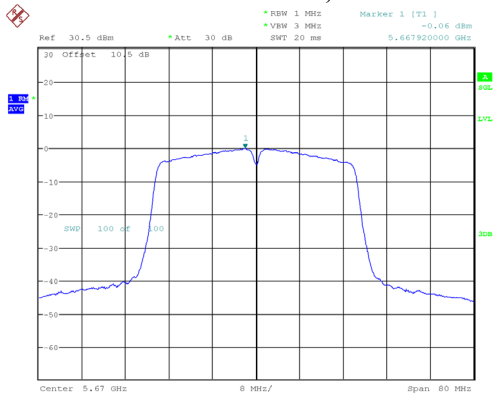
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802.11ac40 mode, 5550MHz



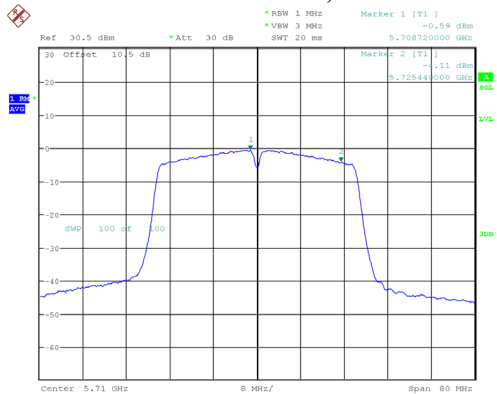
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Date: 22.SEP.2025 17:07:49

802.11 ac40 mode, 5670MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:13:47

802.11 ac40 mode, 5710MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:20:18



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 17:26:31

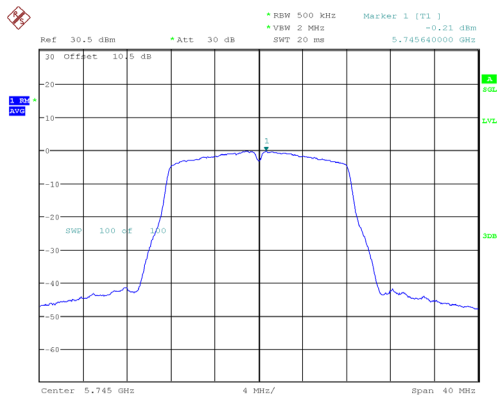


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Date: 22.SEP.2025 17:32:25



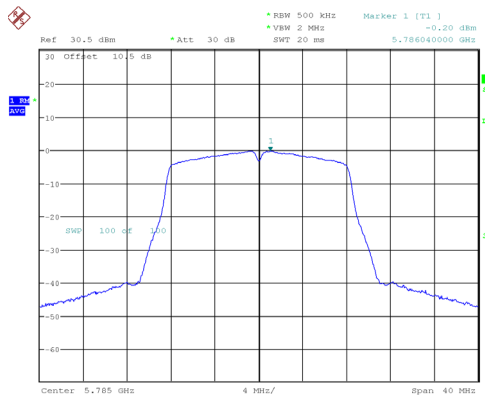
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5725MHz-5850 MHz Band:
802.11a mode, Power spectral density-5745MHz



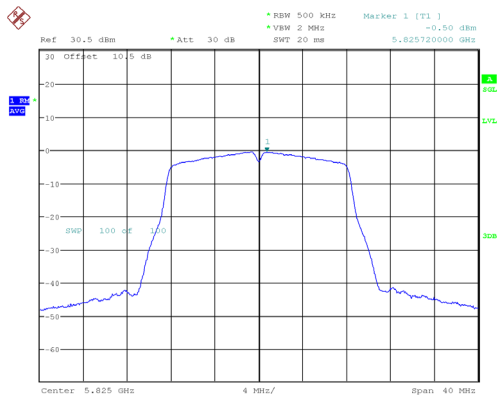
ProjectNo.:RKSA250820001 Testert:Neil Zhou
Date: 22.SEP.2025 13:51:55

802.11a mode, Power spectral density-5785MHz



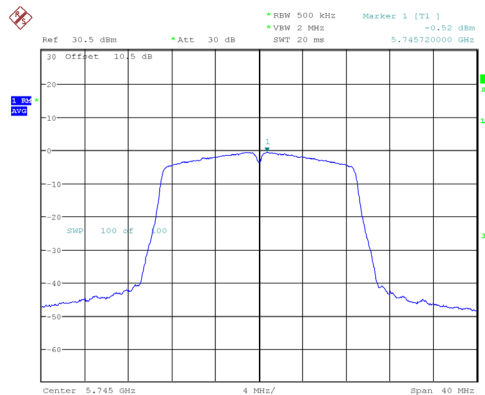
ProjectNo.:RKSA250820001 Testert:Neil Zhou
Date: 22.SEP.2025 13:55:05

802.11a mode, Power spectral density-5825MHz



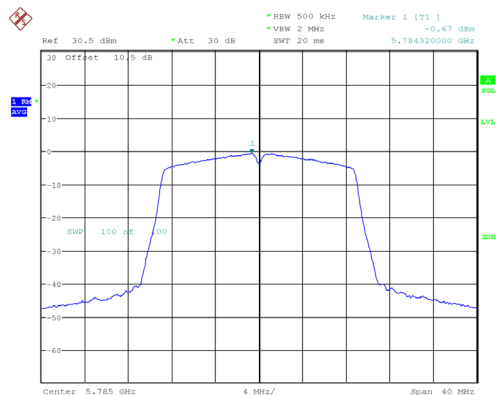
ProjectNo.:RKSA250820001 Testert:Neil Zhou
Date: 22.SEP.2025 13:58:54

802.11ac20 mode, Power spectral density-5745MHz

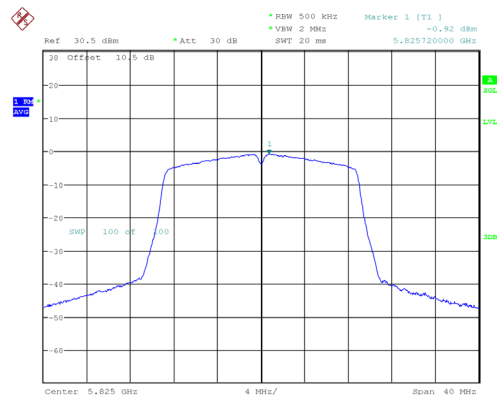


ProjectNo.:RKSA250820001 Testert:Neil Zhou
Date: 22.SEP.2025 14:02:52

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

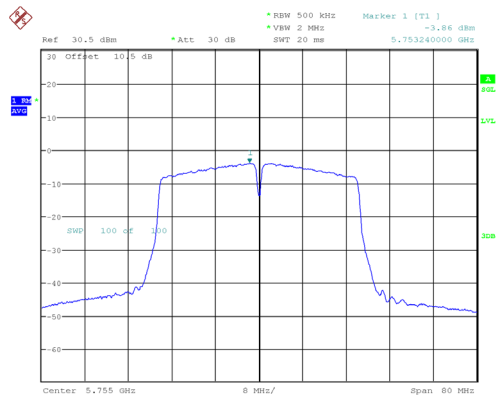


ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 14:06:13

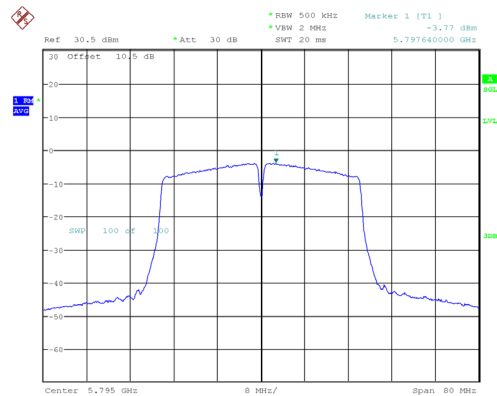


ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 14:10:03

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

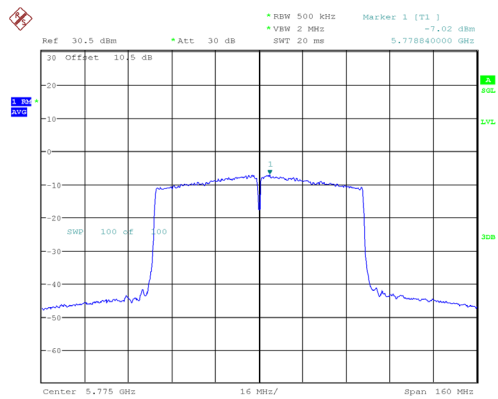


ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 14:16:20



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22.SEP.2025 15:13:17

802.11 ac80 mode, Power spectral density-5775MHz



ProjectNo.:RKSA250820001 Tester:Neil Zhou
Date: 22,SEP,2025 15:18:25

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*******