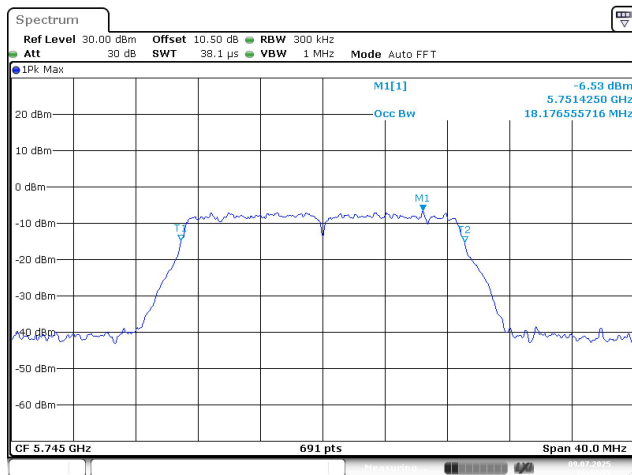
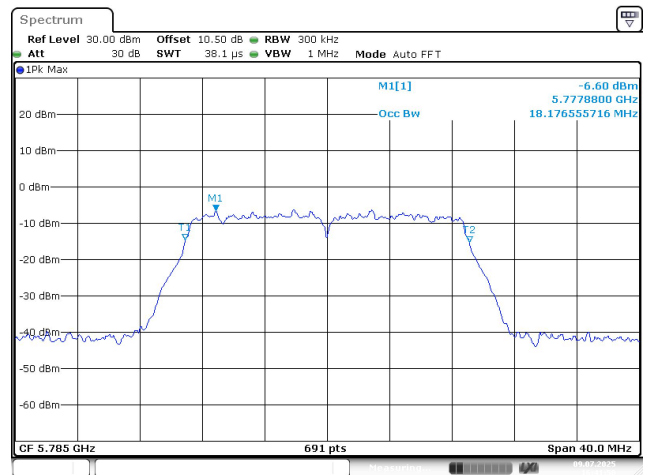


802.11n ht20_5745MHz



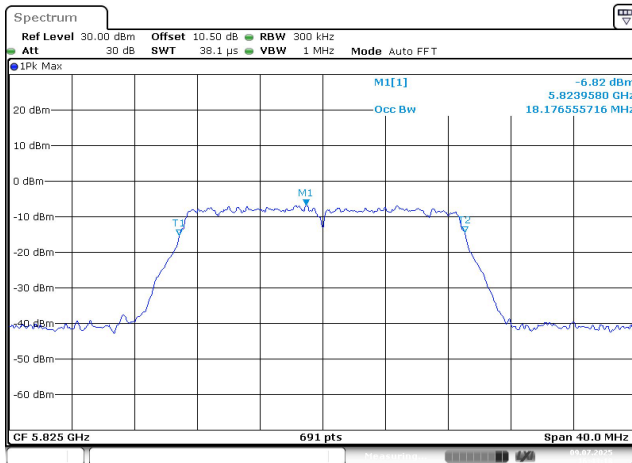
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Date: 9.JUL.2025 16:40:36

802.11n ht20_5785MHz



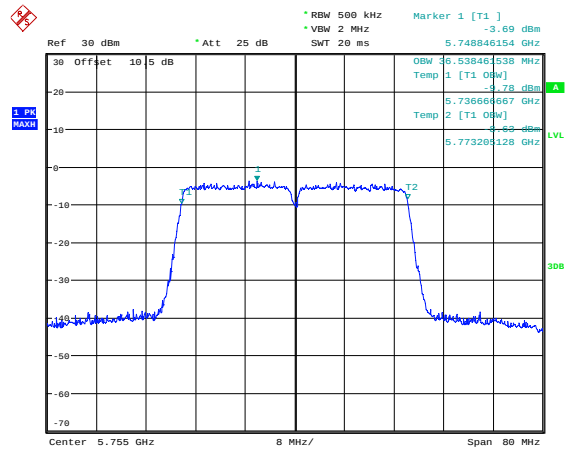
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Date: 9.JUL.2025 16:41:50

802.11n ht20_5825MHz



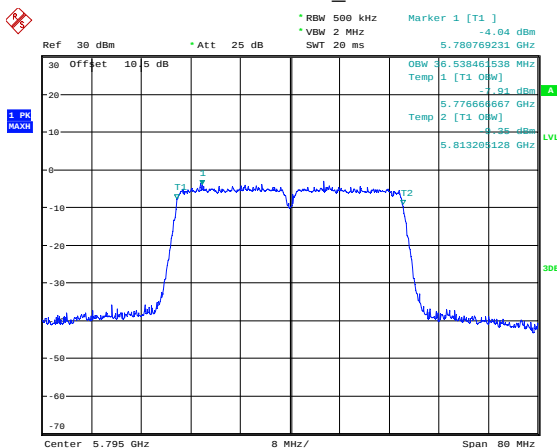
ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 16:43:18

802.11n ht40_5755MHz



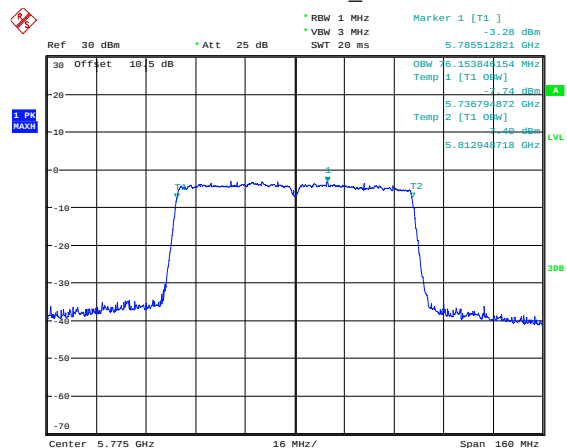
ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 16:57:36

802.11n ht40_5795MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 16:58:35

802.11ac vht80_5775MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 17:00:08

5.5 Maximum Conducted Output Power

Serial No.:	345R-1	Test Date:	2025/7/9
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rini Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.4	Relative Humidity: (%)	48	ATM Pressure: (kPa)	100.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2024/8/27	2025/8/26

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:**5150-5250MHz**

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5180	6.83	24
	5200	6.97	24
	5240	7.17	24
802.11n ht20	5180	6.73	24
	5200	6.58	24
	5240	6.32	24
802.11n ht40	5190	8.67	24
	5230	10.07	24
802.11ac vht80	5210	7.46	24
Note: The device is a client device. The duty cycle factor has been calculated into the test data.			

5725-5850MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	Limit
802.11a	5745	6.92	30
	5785	7.29	30
	5825	6.59	30
802.11n ht20	5745	6.52	30
	5785	6.58	30
	5825	6.12	30
802.11n ht40	5755	7.72	30
	5795	7.85	30
802.11ac vht80	5775	7.85	30
Note: The duty cycle factor has been calculated into the test data.			

5.6 Power Spectral Density

Serial No.:	345R-1	Test Date:	2025/7/9
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rini Yan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.4	Relative Humidity: (%)	48	ATM Pressure: (kPa)	100.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101595	2024/9/5	2025/9/4
R&S	Spectrum Analyzer	FSU 26	200445	2025/3/31	2026/3/30
Eastsheep	Coaxial Attenuator	2W-SMA-JK-6G-10dB	F-08-EM505	2025/6/6	2026/6/5

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density(dBm/MHz)		
			Reading	Result	FCC Limit
802.11a	5180	0.32	-4.40	-4.08	11
	5200	0.32	-4.37	-4.05	11
	5240	0.32	-4.38	-4.06	11
802.11n ht20	5180	0.34	-4.94	-4.60	11
	5200	0.34	-5.17	-4.83	11
	5240	0.34	-5.15	-4.81	11
802.11n ht40	5190	0.65	-8.19	-7.54	11
	5230	0.65	-8.51	-7.86	11
802.11ac vht80	5210	1.16	-12.06	-10.90	11

Note:

1. The device is a client device.
2. For Duty cycle <98%, duty cycle variations are less than $\pm 2\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 Alternative should be applied.
3. For Duty cycle<98%, and Duty cycle be considered to be constant (variations are less than $\pm 2\%$), the duty cycle factor was added into the result.

5725-5850 MHz:

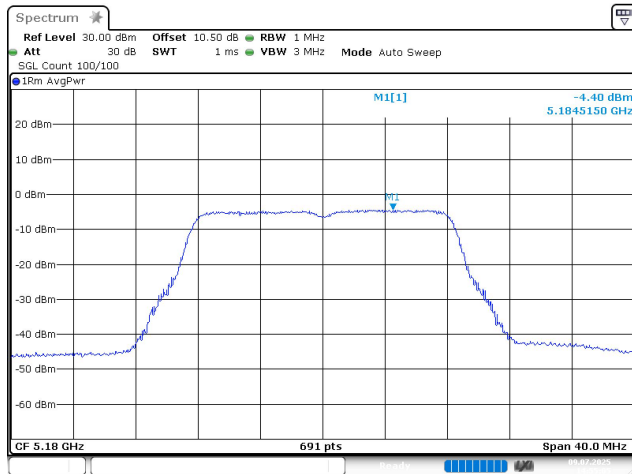
Test Modes	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Maximum Power Spectral Density (dBm/500kHz)	
				Result	Limit
802.11a	5745	-9.43	0.32	-9.11	30
	5785	-10.38	0.32	-10.06	30
	5825	-10.00	0.32	-9.68	30
802.11n ht20	5745	-10.30	0.34	-9.96	30
	5785	-10.66	0.34	-10.32	30
	5825	-10.39	0.34	-10.05	30
802.11n ht40	5755	-13.77	0.65	-13.12	30
	5795	-14.63	0.65	-13.98	30
802.11ac vht80	5775	-18.94	1.16	-17.78	30

Note:

1. For Duty cycle <98%, duty cycle variations are less than $\pm 2\%$, KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 Alternative should be applied.
2. For Duty cycle<98%, and Duty cycle be considered to be constant (variations are less than $\pm 2\%$), the duty cycle factor was added into the result.

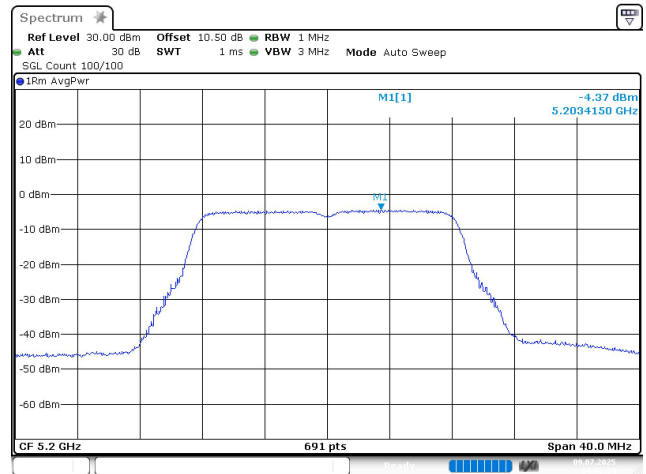
5150-5250MHz

802.11a_5180MHz



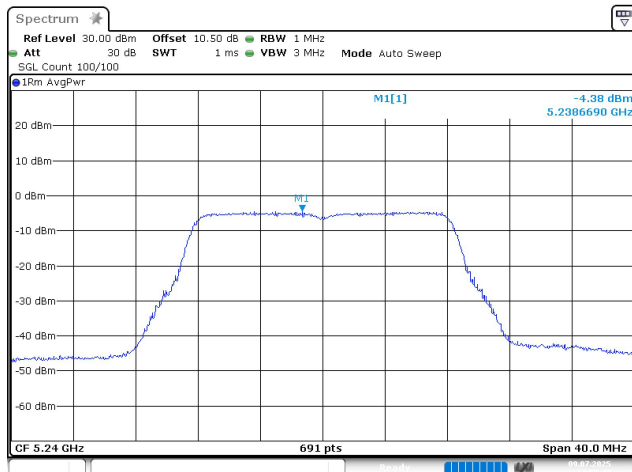
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Date: 9.JUL.2025 14:55:06

802.11a_5200MHz



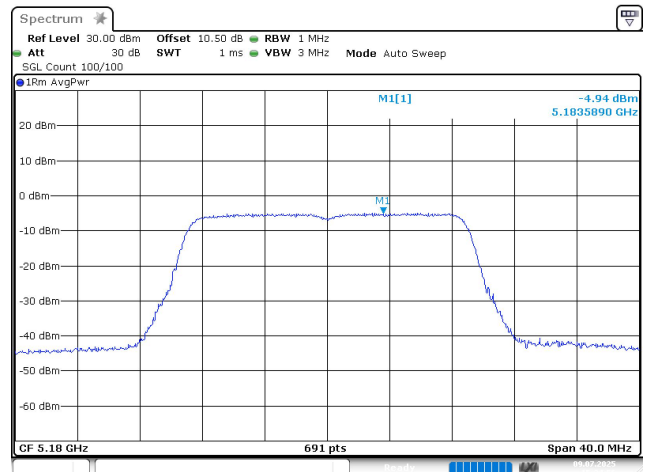
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802.11a_5240MHz



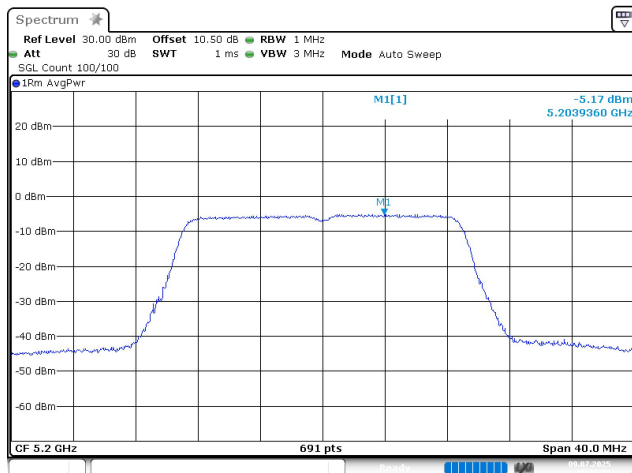
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802.11n ht20_5180MHz



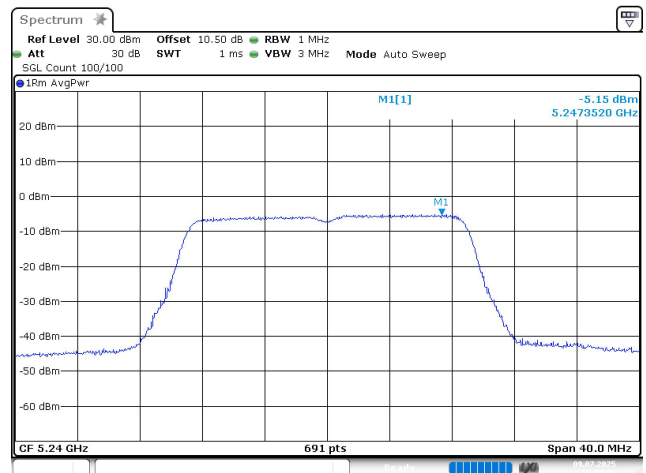
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Date: 9.JUL.2025 15:24:57

802.11n ht20_5200MHz



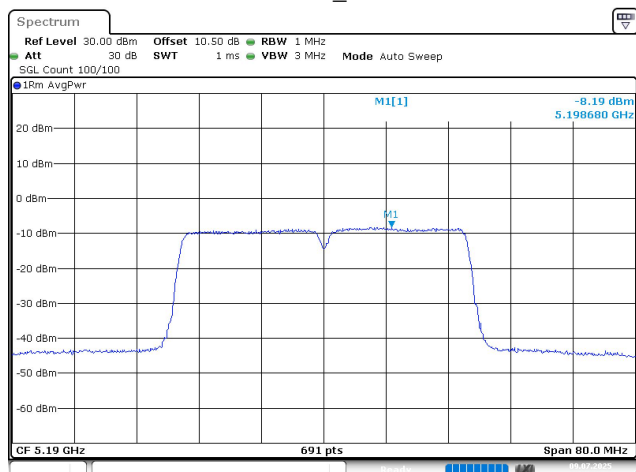
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802.11n ht20_5240MHz



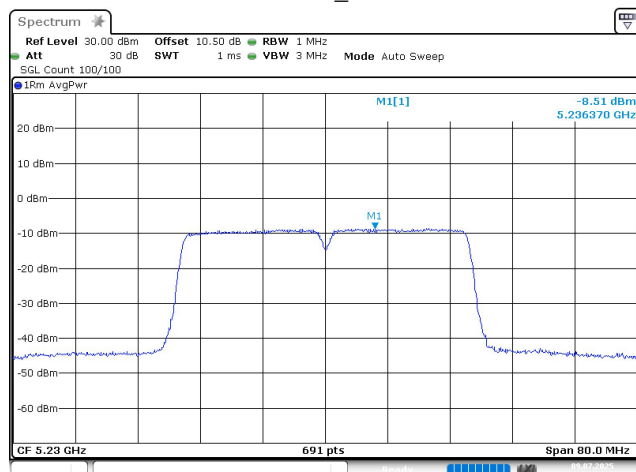
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802.11n ht40_5190MHz



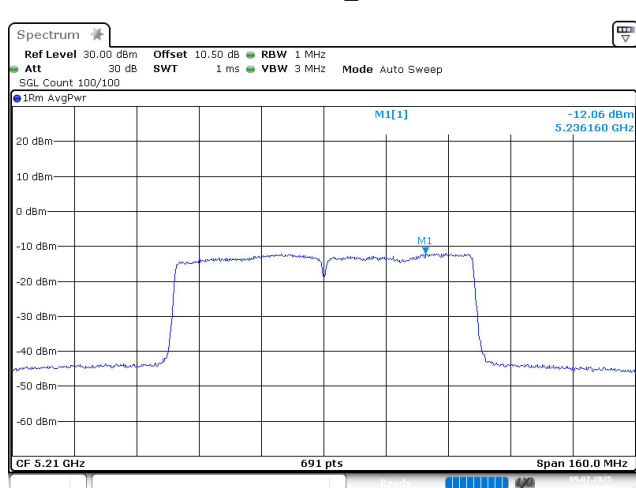
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Date: 9.JUL.2025 15:42:32

802.11n ht40_5230MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 15:43:57

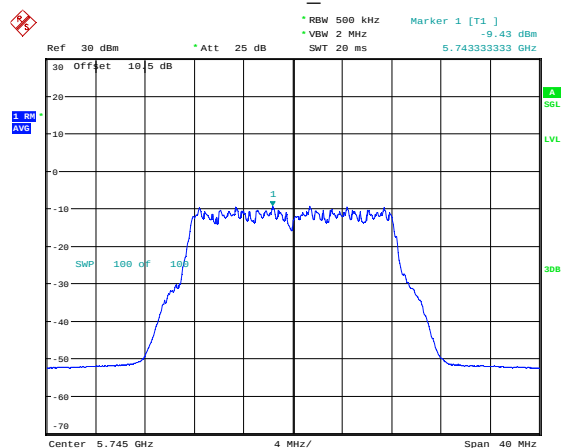
802.11ac vht80_5210MHz



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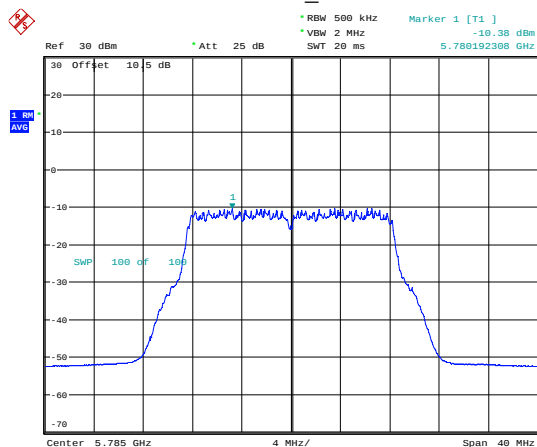
5725-5850MHz

802.11a_5745MHz



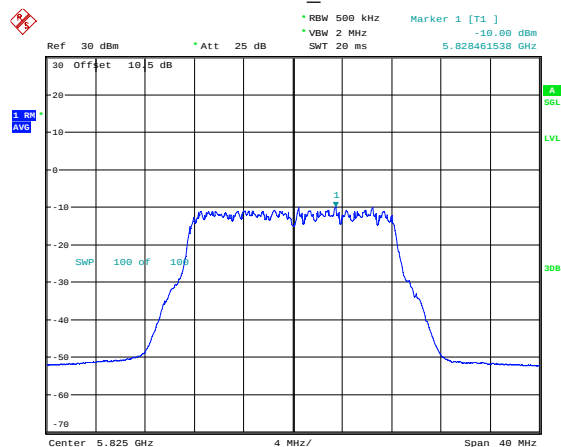
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802.11a_5785MHz



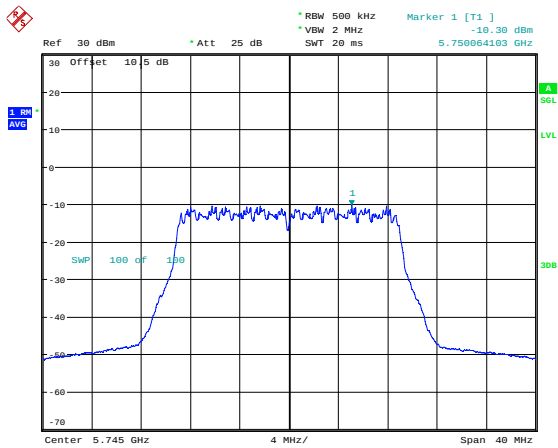
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802.11a_5825MHz



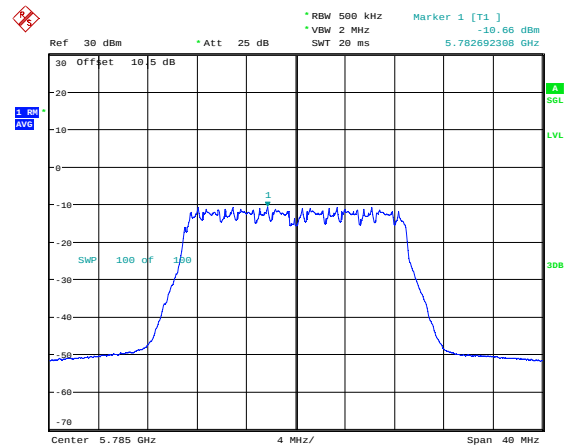
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802.11n ht20_5745MHz



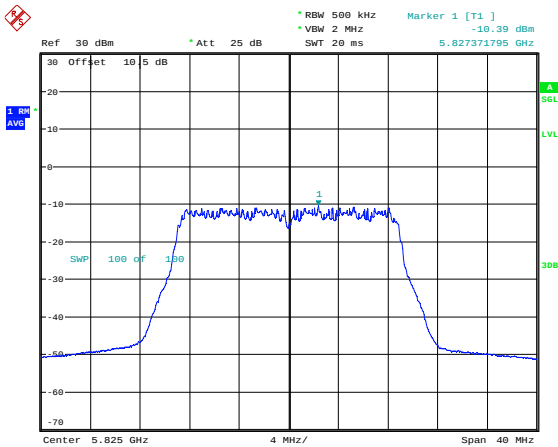
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802.11n ht20_5785MHz



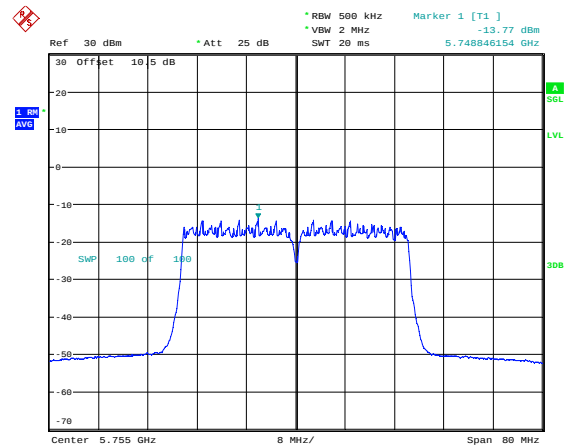
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802.11n ht20_5825MHz



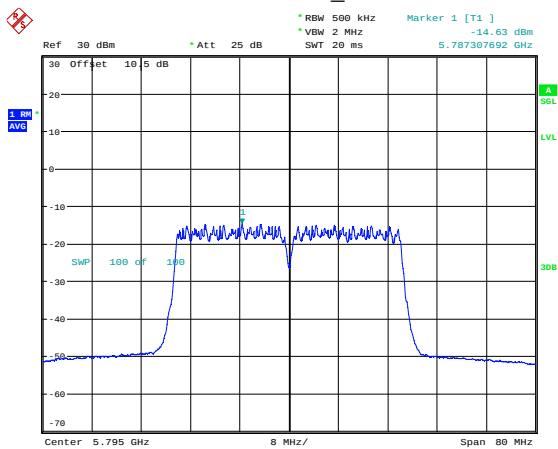
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802.11n ht40_5755MHz



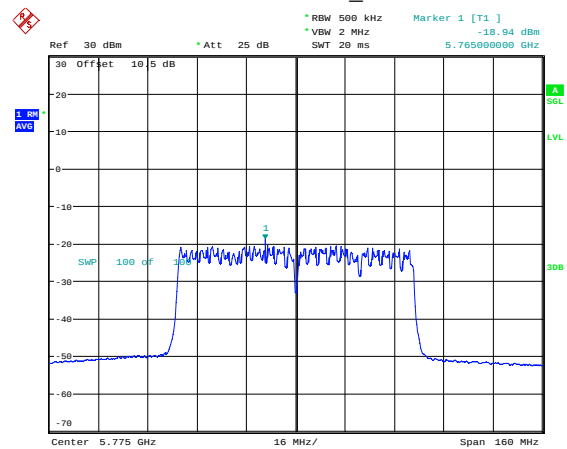
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Date: 9.JUL.2025 10:10:37

802.11n ht40_5795MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 10:12:04

802.11ac vht80_5775MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 9.JUL.2025 10:15:24

5.7 Duty Cycle

Serial No.:	345R-1	Test Date:	2025/7/10
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rini Yan	Test Result:	pass

Environmental Conditions:

Temperature: (°C)	24.8	Relative Humidity: (%)	50	ATM Pressure: (kPa)	100.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101595	2024/9/5	2025/9/4
Eastsheep	Coaxial Attenuator	2W-SMA-JK-6G-10dB	F-08-EM505	2025/6/6	2026/6/5

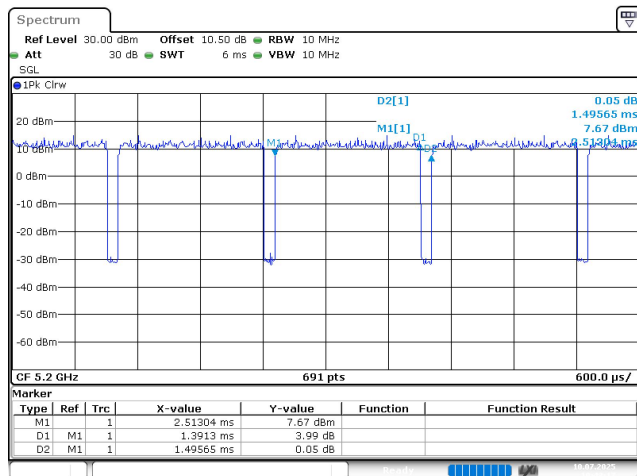
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	1.391	1.496	92.98	0.32	719	1
802.11n ht20	5200	1.304	1.409	92.55	0.34	767	1
802.11n ht40	5190	0.648	0.752	86.17	0.65	1543	3
802.11ac vht80	5210	0.326	0.426	76.53	1.16	3067	5

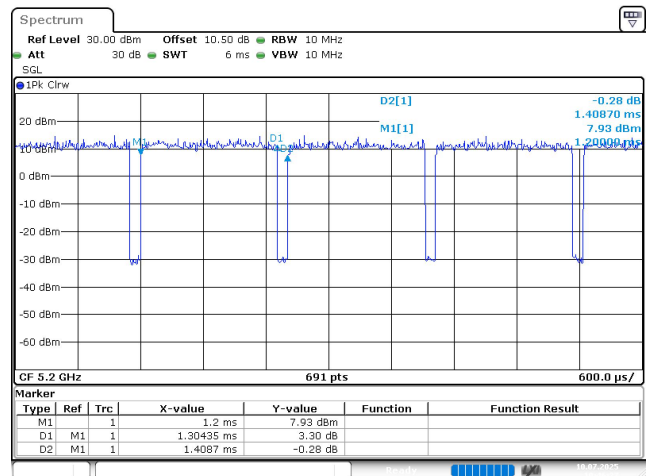
$$\text{Duty Cycle} = \text{Ton}/(\text{Ton}+\text{Toff})*100\%$$

802.11a_5200MHz



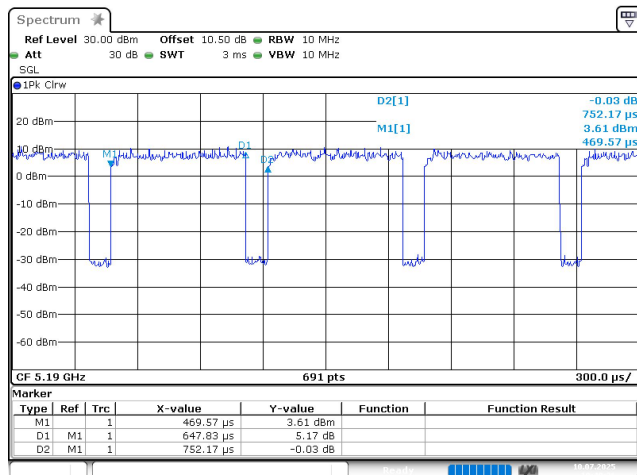
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Date: 10.JUL.2025 10:43:18

802.11n ht20_5200MHz



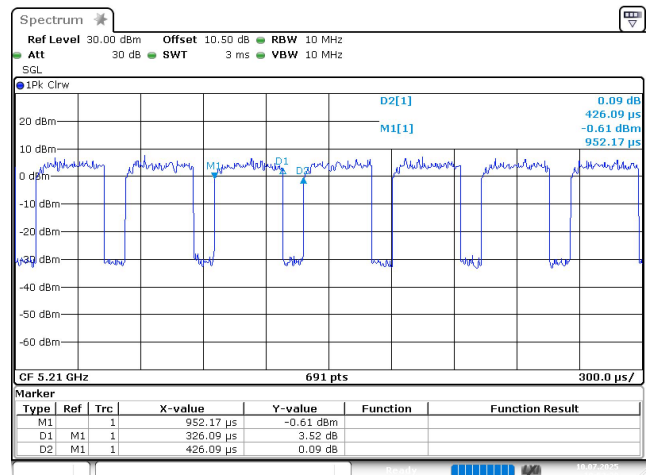
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Date: 10.JUL.2025 10:46:28

802.11n ht40_5190MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 10.JUL.2025 10:49:36

802.11ac vht80_5210MHz



ProjectNo.:2502U63438E-RF Tester:Rini Yan
Date: 10.JUL.2025 10:52:30

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502U63438E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502U63438E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502U63438E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

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