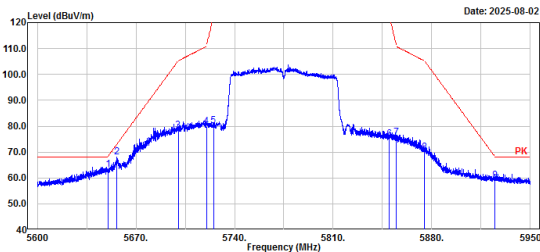


802.11ac80 middle channel Bandedge Horizontal

Project No.: 2502V10500E-RF
Polarization: Horizontal
Test Mode: Transmitting
Note: 802.11ac80_U-NII-3 middle channel 5775MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3662-4
Tester: Alan Xie

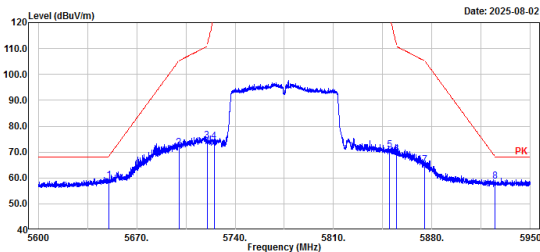


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5650.00	54.49	8.82	63.31	68.20	4.89	Peak
2	5656.42	59.26	8.83	68.09	72.97	4.88	Peak
3	5700.00	69.62	8.85	78.47	105.20	26.73	Peak
4	5720.00	71.04	8.91	79.95	110.80	30.85	Peak
5	5725.00	71.07	8.93	80.00	122.20	42.20	Peak
6	5850.00	65.94	9.10	75.04	122.20	47.16	Peak
7	5855.00	66.51	9.12	75.63	110.80	35.17	Peak
8	5875.00	60.75	9.16	69.91	105.20	35.29	Peak
9	5925.00	49.92	9.24	59.16	68.20	9.04	Peak

802.11ac80 middle channel Bandedge Vertical

Project No.: 2502V10500E-RF
Polarization: Vertical
Test Mode: Transmitting
Note: 802.11ac80_U-NII-3 middle channel 5775MHz
Peak:RBW:1MHz,VBW:3MHz

Serial No.: 3662-4
Tester: Alan Xie



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Measurement
1	5650.00	50.17	8.82	58.99	68.20	9.21	Peak
2	5700.00	62.84	8.85	71.69	105.20	33.51	Peak
3	5720.00	65.38	8.91	74.29	110.80	36.51	Peak
4	5725.00	65.33	8.93	74.26	122.20	47.94	Peak
5	5850.00	61.57	9.10	70.67	122.20	51.53	Peak
6	5855.00	59.95	9.12	69.07	110.80	41.73	Peak
7	5875.00	55.96	9.16	65.12	105.20	40.08	Peak
8	5925.00	49.52	9.24	58.76	68.20	9.44	Peak

5.3 26dB attenuated below the channel power

Test Information:

Serial No.:	366Z-5	Test Date:	2025/09/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6	Relative Humidity: (%)	58	ATM Pressure: (kPa)	100.8
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Test Equipment List and Details:

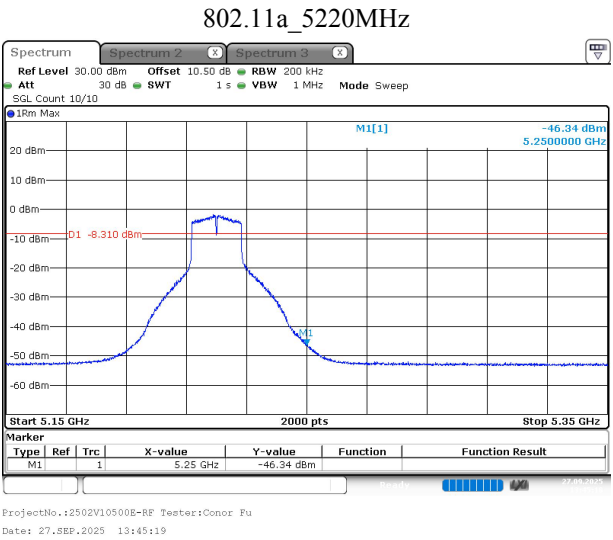
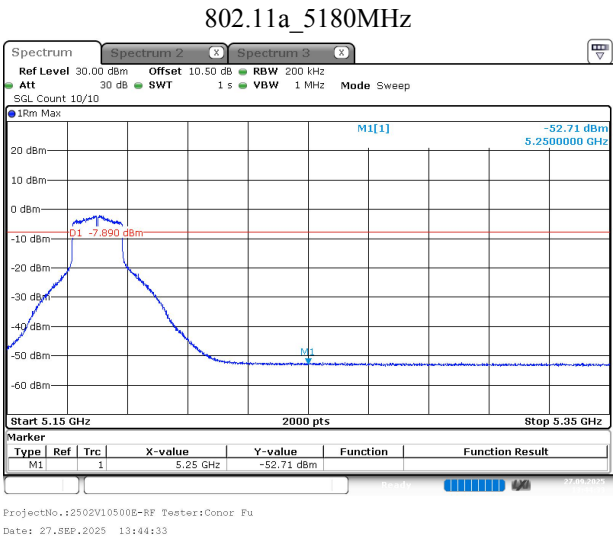
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2025/07/28	2026/07/27
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05

* 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).

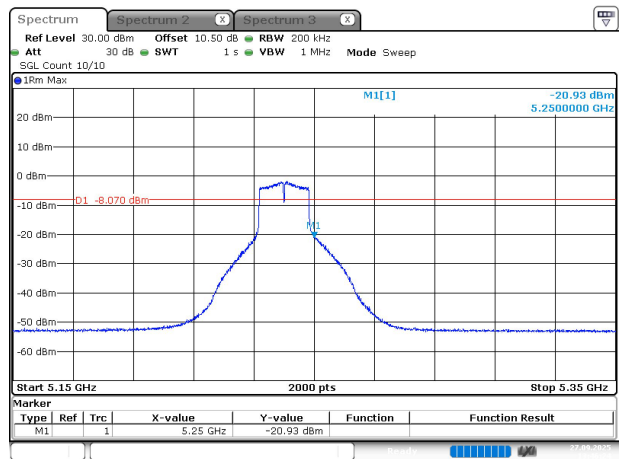
Test Data:

Note: The limit is based on the power of report: PD20240152-R4E ▲.

5150-5250MHz

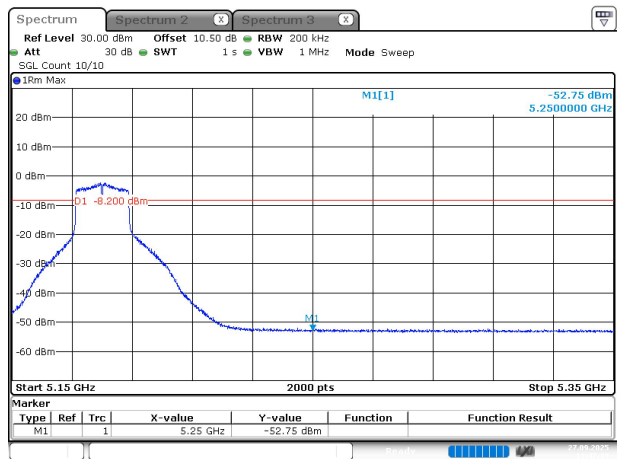


802.11a_5240MHz



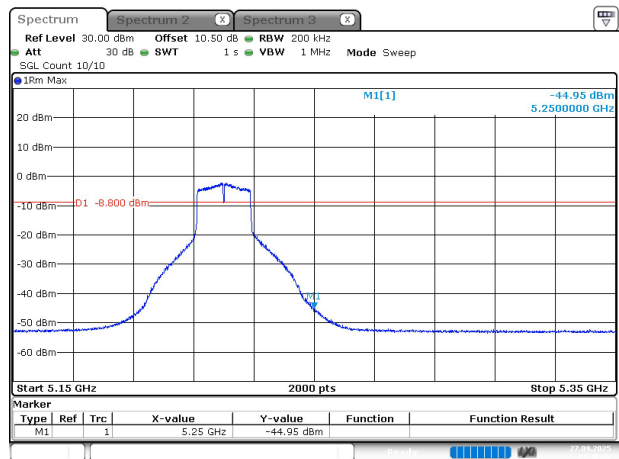
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802.11n20_5180MHz



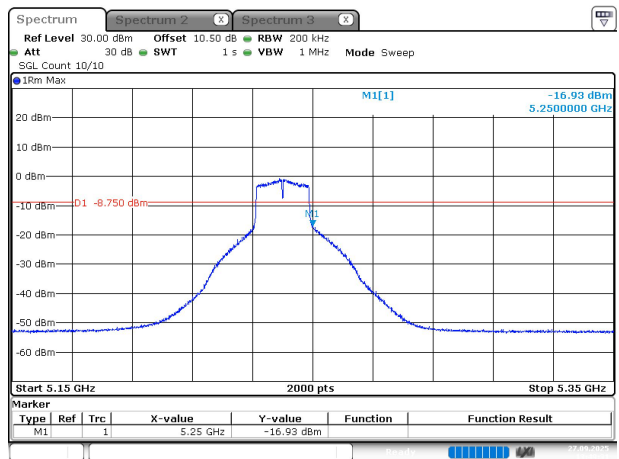
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802.11n20_5220MHz



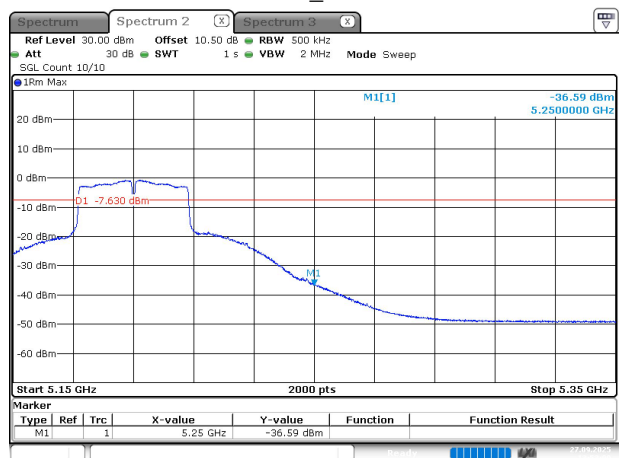
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Date: 27,SEP,2025 13:48:38

802.11n20_5240MHz



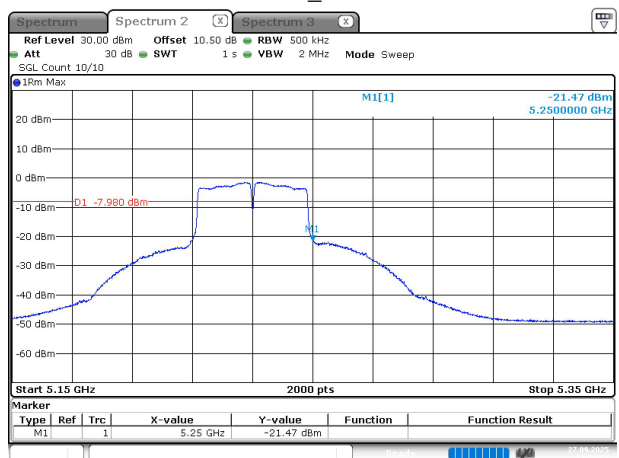
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Date: 27,SEP,2025 13:49:31

802.11n40_5190MHz



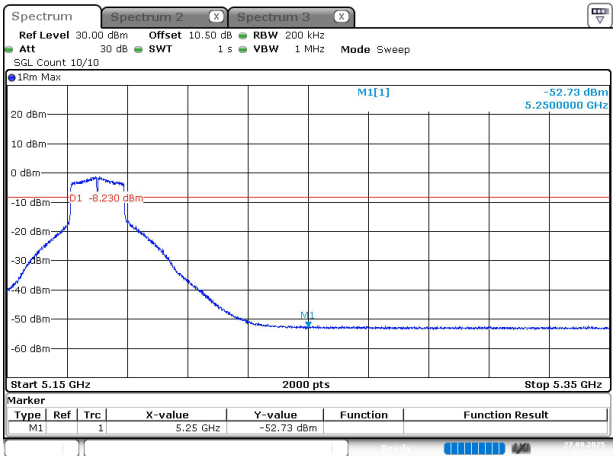
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Date: 27,SEP,2025 13:53:10

802.11n40_5230MHz



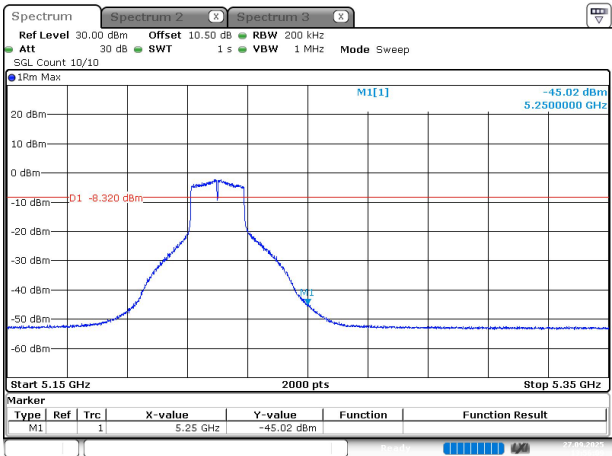
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Date: 27,SEP,2025 13:53:55

802.11ac20_5180MHz



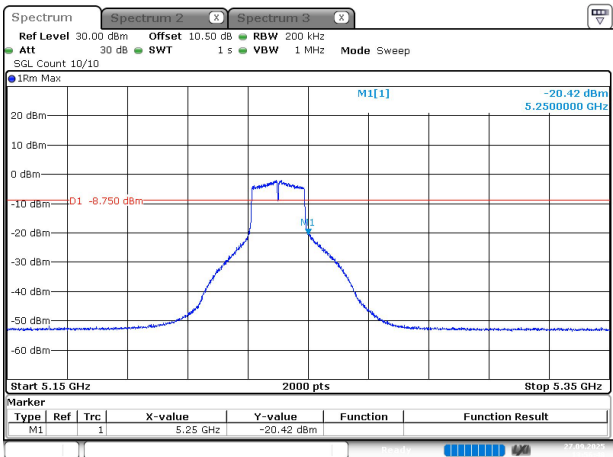
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Date: 27.SEP.2025 13:55:33

802.11ac20_5220MHz



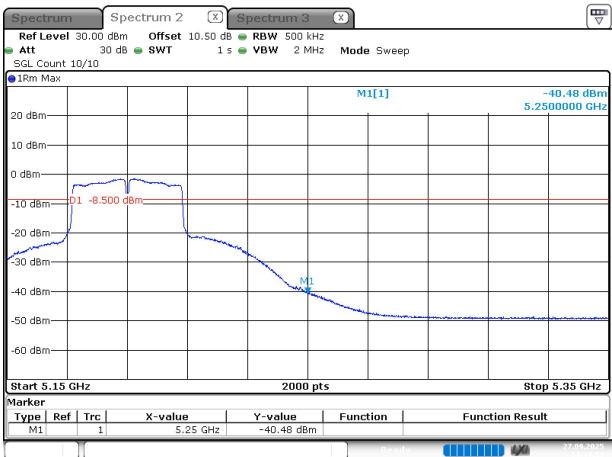
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802.11ac20_5240MHz



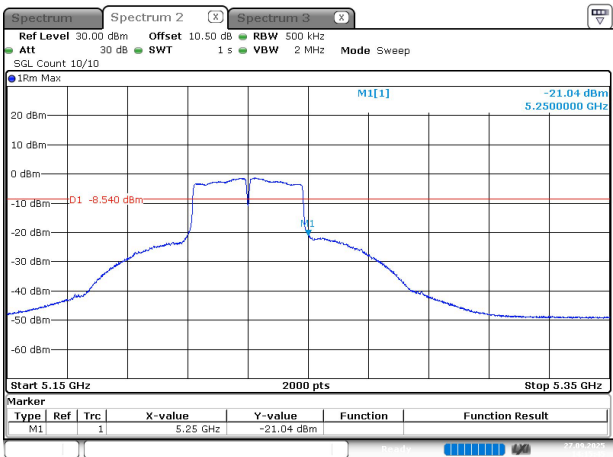
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Date: 27.SEP.2025 13:56:49

802.11ac40_5190MHz



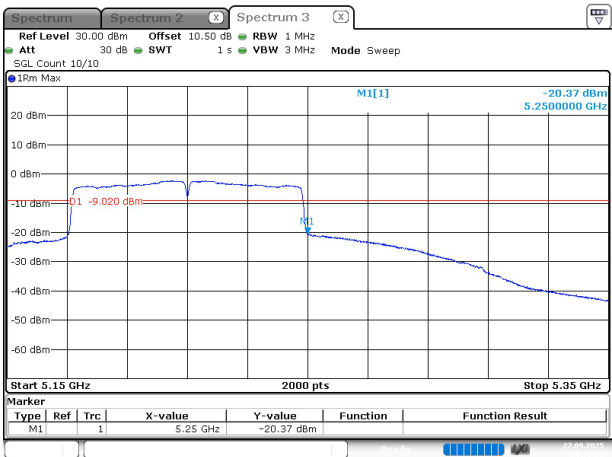
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802.11ac40_5230MHz



ProjectNo.:2502V10500E-RF Tester:Conor Fu
Date: 27.SEP.2025 14:15:45

802.11ac80_5210MHz



ProjectNo.:2502V10500E-RF Tester:Conor Fu
Date: 27.SEP.2025 14:16:34

5.4 Spot Check With Maximum Conducted Output Power

Test Information:

Serial No.:	366Z-5	Test Date:	2025/7/23~2025/9/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.9~26.7	Relative Humidity: (%)	64~72	ATM Pressure: (kPa)	99.5~99.6
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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	2025/6/11	2026/6/10
Narda	Coaxial Attenuator	773-10	F-08-EM511	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:**5150-5250MHz**

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)		EIRP (dBm)	
		Result	FCC Limit	Result	RSS 247 Limit
802.11n ht40	5190	17.95	24	17.67	23.01
	5230	17.74	24	17.46	23.01
Antenna Gain:	-0.28	dBi			

Note:

The device is a client device.

5250-5350MHz**TPC H**

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)			EIRP (dBm)	
		Result	FCC Limit	RSS 247 Limit	Result	RSS 247 Limit
802.11a	5260	17.76	24	23.24	18.95	29.24
	5300	17.81	24	23.22	19	29.22
	5320	18.13	24	23.23	19.32	29.23

TPC L

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)			EIRP (dBm)	
		Result	FCC Limit	RSS 247 Limit	Result	RSS 247 Limit
802.11a	5260	11.56	24	23.24	12.75	24
	5300	11.77	24	23.22	12.96	24
	5320	11.95	24	23.23	13.14	24

5470-5725MHz**TPC_H**

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)			EIRP (dBm)	
		Result	FCC Limit	RSS 247 Limit	Result	RSS 247 Limit
802.11a	5500	18.08	24	23.22	19.28	29.22
	5580	17.41	24	23.23	18.61	29.23
	5700	17.76	24	23.21	18.96	29.21
	5720	16.65	24	23.22	17.85	29.22

TPC_L

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)			EIRP (dBm)	
		Result	FCC Limit	RSS 247 Limit	Result	RSS 247 Limit
802.11a	5500	11.42	24	23.22	12.62	24
	5580	11.18	24	23.23	12.38	24
	5700	11.06	24	23.21	12.26	24
	5720	11.21	24	23.22	12.41	24

5725-5850MHz

Test Modes	Test Frequency (MHz)	Max. Conducted Average Output Power(dBm)	
		Result	FCC&RSS 247 Limit
802.11a	5745	17.92	30.00
	5785	17.97	30.00
	5825	17.75	30.00

Note:

The Spot Check data were similar to the original data.

Per-spot check, the conducted output power is consistent with the original report, so the Maximum EIRP/ERP was re-calculated.

5150-5250MHz

Test Mode	Antenna	Test Frequency (MHz)	Conducted Average Output Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a	Chain 0	5180	18.11	17.83	22.22
		5220	17.69	17.41	22.21
		5240	17.93	17.65	22.23
802.11n20	Chain 0	5180	17.80	17.52	22.52
		5220	17.20	16.92	22.55
		5240	17.25	16.97	22.53
802.11n40	Chain 0	5190	18.37	18.09	23
		5230	18.02	17.74	23
802.11ac20	Chain 0	5180	17.77	17.49	22.52
		5220	17.68	17.4	22.53
		5240	17.25	16.97	22.53
802.11ac40	Chain 0	5190	17.50	17.22	23
		5230	17.46	17.18	23
802.11ac80	Chain 0	5210	16.98	16.7	23

Note:

1. Conducted Average Output Power please refer to report PD20240152-R4E▲.

5.5 Duty Cycle

Test Information:

Serial No.:	366Z-5	Test Date:	2025/7/23~2025/9/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	25.9~26.7	Relative Humidity: (%)	64~72	ATM Pressure: (kPa)	99.5~99.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/9/5	2025/9/4
Narda	Coaxial Attenuator	773-10	F-08-EM511	2025/6/6	2026/6/5
R&S	Spectrum Analyzer	FSV40	101589	2025/7/28	2026/7/27

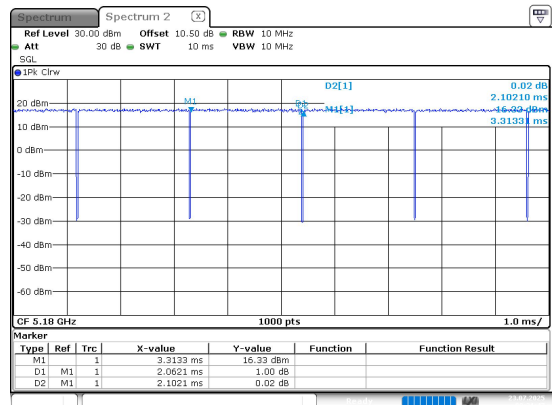
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

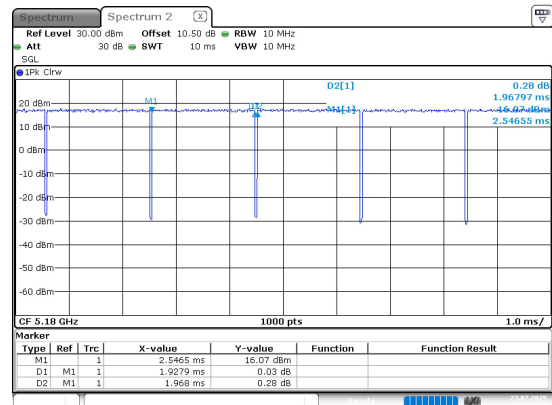
Test Modes	Ton (ms)	Ton+off (ms)	Duty cycle (%)	1/T (Hz)	VBW Setting (kHz)
802.11a	2.062	2.102	98.10	/	0.00
802.11n ht20	1.928	1.968	97.97	519	0.09
802.11n ht40	0.949	0.989	95.96	1054	0.18
802.11ac vht20	1.900	1.939	97.99	526	0.09
802.11ac vht40	0.934	0.973	95.99	1071	0.18
802.11ac vht80	0.458	0.503	91.05	2183	0.41

Duty Cycle = Ton/(Ton+Toff)*100%

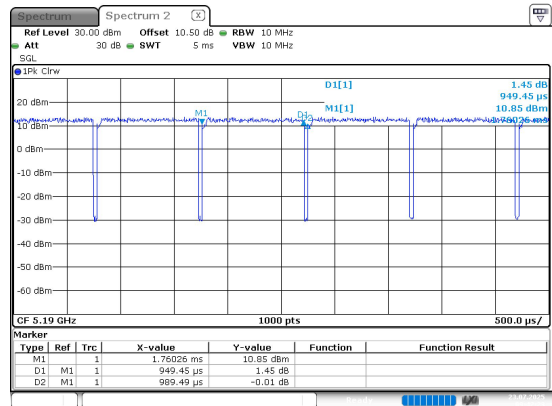
802.11a_5180MHz



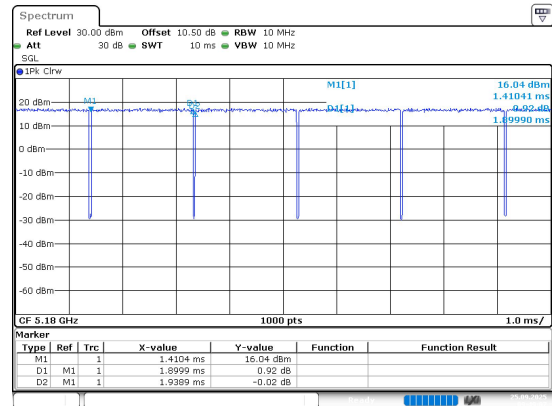
802.11n20_5180MHz



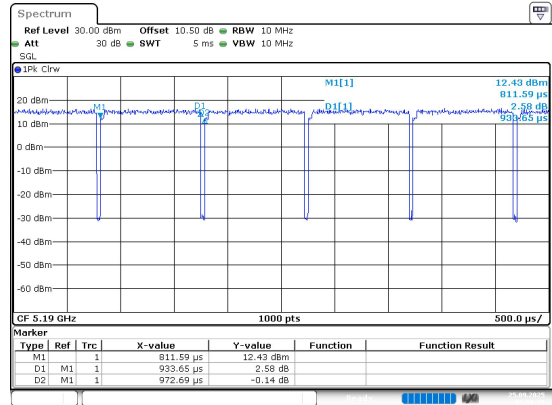
802.11n40_5190MHz



802.11ac20_5180MHz



802.11ac40_5190MHz



802.11ac80_5210MHz

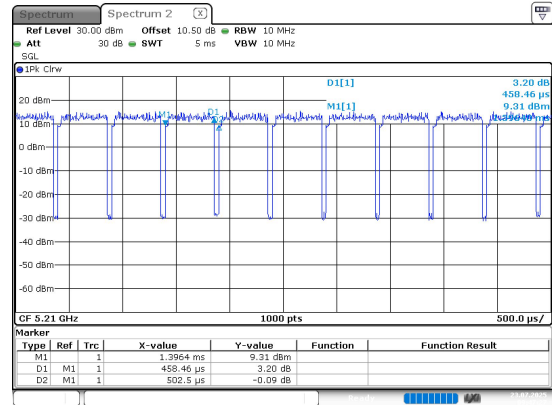


EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502V10500E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502V10500E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502V10500E-RF-00E-TSP TEST SETUP PHOTOGRAPHS.

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