

TEST REPORT

Applicant Name: unitech electronics co., ltd
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Report Number: 2501R19330E-RF-07D

Test Standard (s)

Item 19-3 of Article 2 Paragraph 1

Sample Description

Product Type: Wearable Computer
Model No.: WD200
Multiple Model(s) No.: N/A
Trade Mark: unitech
Date Received: 2025-03-05
Issue Date: 2025-04-30

Test Result:	Pass▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

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GaLa Liu
RF Engineer

Approved By:

Jimmy Xiao

Jimmy Xiao
EMC Manager

Note: The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2501R19330E-RF-07D	Original Report	2025-04-30

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Technical Parameters	Radio Type	Wi-Fi
	Support Technical	802.11a/n20/n40/ac20/ax20/ac40/ax40/ac80/ax80
	Modulation Type	OFDM, OFDMA
	Frequency Range	802.11a/n20/ac20/ax20: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz 802.11n40/ac40/ax40: 5190-5230MHz, 5270-5310MHz, 5510-5710MHz 802.11ac80/ax80: 5210MHz, 5290MHz, 5530-5690MHz
	Rated Output Power	5150-5250 MHz: 802.11a: 2.31739mW/MHz 802.11ax20: 2.31739mW/MHz 802.11ax40: 1.40605mW/MHz 802.11ax80: 0.68707mW/MHz 5250-5350 MHz: 802.11a: 2.31739mW/MHz 802.11ax20: 2.31739mW/MHz 802.11ax40: 1.40605mW/MHz 802.11ax80: 0.68707mW/MHz 5470-5725 MHz: 802.11a: 4.08319mW/MHz 802.11ax20: 4.08319mW/MHz 802.11ax40: 1.21619mW/MHz 802.11ax80: 0.90782mW/MHz
	Antenna Gain [#]	5150-5250MHz: 1.96dBi(Ant 1), 1.74dBi(Ant 2) 5250-5350MHz: 1.65dBi(Ant 1), 1.88dBi(Ant 2) 5470-5725MHz: 2.97dBi(Ant 1), 1.75dBi(Ant 2) (It is provided by the applicant)
	TPC Function	Not support
	Nominal Power Supply	DC 3.85V from battery or DC 5-9V from USB port
Sample serial number		2ZBJ-3 (Assigned by BACL, Shenzhen)
Sample/EUT Status		Good condition
Adapter Information		N/A
Note: The EUT only support the Full RU for the 802.11ax mode.		

Objective

The objective of the manufacturer is to demonstrate compliance with Radio Law of Japan item 19-3 of Article 2 Paragraph 1, Radio equipment for 5G band low-power data communications system.

Test Method

DSPR 5GHz 帯小電力データ通信システムの特性試験方法

Measurement Uncertainty

Item	Expanded Measurement uncertainty
Frequency Error	56.6Hz(k=2, 95% level of confidence)
RF output power, conducted	0.86dB(k=2, 95% level of confidence)
Unwanted Emission, conducted	1.60dB(k=2, 95% level of confidence)
Temperature	±1℃
Supply voltages	±0.4%
Time	±1%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

Each test item follows test standards and with no deviation.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in an engineering mode which was selected by manufacturer.

Note: The 802.11ax20/ax40/ax80 covers 802.11 n20/n40/ac20/ac40/ac80 due to similar modulation.
The power setting for 802.11n20/n40/ac20/ac40/ac80 is the same or lower than the 802.11ax20/ax40/ax80.

For 5150-5250MHz Band, 7 channels are provided to test:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For 802.11a/ac20/ax20 mode: channel 36, 40, 48 were tested.

For 802.11ac40/ax40 mode: channel 38, 46 were tested.

For 802.11ac80/ax80 mode: channel 42 was tested.

For 5250-5350 MHz Band, 7 channels are provided to test:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For 802.11a/ac20/ax20 mode: channel 52, 56, 64 were tested.

For 802.11ac40/ax40 mode: channel 54, 62 were tested.

For 802.11ac80/ax80 mode, channel 58 was tested.

For 5470-5730MHz Band, 21 channels are provided to test:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
102	5510	126	5630
104	5520	128	5640
106	5530	132	5660
108	5540	134	5670
110	5550	136	5680
112	5560	138	5690
116	5580	140	5700
118	5590	142	5710
120	5600	144	5720
122	5610	/	/

For 802.11a/ac20/ax20 mode: channel 100, 120, 144 were tested.

For 802.11ac40/ax40 mode: channel 102, 118, 142 were tested.

For 802.11ac80/ax80 mode, channel 106, 122, 138 were tested.

EUT Exercise Software

EUT was test in cmd.exe and the power level set is as below. The power level was provided by applicant.

Mode	Data rate	Power Level [#]		
		W52 Band	W53 Band	W56 Band
802.11a	6Mbps	12	9	9
802.11ax20	MCS0	7	10	10
802.11ax40	MCS0	9	10	10
802.11ax80	MCS0	9	10	10

Note: For 802.11a/ax20/ax40/ax80 mode, the Ant 1 and Ant 2 can transmit/receive simultaneously. And the power level is same for the two Antennas.

Equipment Modifications

No modification was made to the EUT tested.

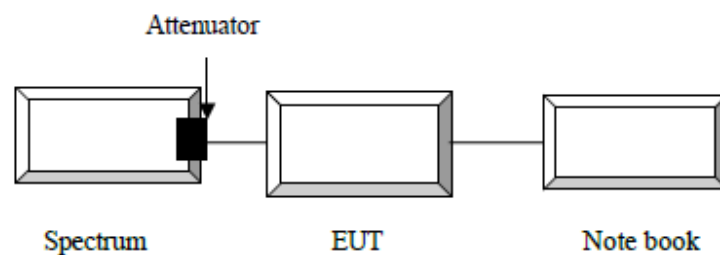
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	Notebook	Latitude E6410	11429208685

External I/O Cable

Cable Description	Length(m)	From/Port	To
Unshielded Detachable USB Cable	0.8	EUT	Notebook

Configuration of Test Setup



SUMMARY OF TEST RESULTS

Item	Description of Test	Result	Remark
1	Frequency Tolerance	/	See Note 2
2	Occupied Bandwidth	/	See Note 2
3	Transmitter Spurious Emission Strength and out-Band Leakage Power	/	See Note 2
4	Output Power and Output Power Tolerance	Compliant	Spot check
5	Adjacent Channel Power	/	See Note 2
6	Secondary Radiated Emission Strength	/	See Note 2
7	Radio Interference Prevention Capability	/	See Note 2
8	Transmission Burst Length	/	See Note 2
9	Carrier Sense Function	/	See Note 2
10	Transmission Power Control Function (TPC)	Not Applicable	/
11	Construction Protection Confirmation	/	See Note 2
12	DFS Function	Compliant*	/

Note 1:

Not Applicable: the EUT has no TPC function which was declared by the applicant.

Compliant*: Please refer to the DFS report 2501R19330E-RF-07E.

Note 2:

1: The applicant declared that the EUT has a certified module which model name is AP6275S (R code: 217-241745).

2: We had the spot check for the antenna output power and the result shows the antenna power of the EUT is close to the power in the modular report. And the antenna gain of EUT is less than the gain in the modular report. So all other data can refer to the module report: JR412214AB.

3: The BACL is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Unknown	10dB Attenuator	Unknown	F-03-EM190	2024/06/27	2025/06/26	BACL	d)
R&S	Spectrum Analyzer	FSU26	200120	2024/12/04	2025/12/03	BACL Cal	c)
Rohde & Schwarz	Spectrum Analyzer	FSV40	101942	2024/09/20	2025/09/19	BACL Cal	c)

Note: Calibration Method

- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1)
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) ~Japan Calibration Service System~
- c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
- d) Calibration conducted by using other equipment that listed above from a) to c)

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

REQUIREMENTS AND TEST PROCEDURES

Output Power and Output Power Tolerance

Limit

For 5.2 GHz Band:

Item	Limits		
	20MHz	40MHz	80MHz
Antenna Power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P.	10mW/MHz	5mW/MHz	2.5mW/MHz
Antenna Power Tolerance	$\leq +20\%$, -80%		

For 5.3 GHz Band:

Item	Limits		
	20MHz	40MHz	80MHz
Antenna Power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P.	10mW/MHz (with TPC function)	5mW/MHz (with TPC function)	2.5mW/MHz (with TPC function)
	5mW/MHz (without TPC function)	2.5mW/MHz (without TPC function)	1.25mW/MHz (without TPC function)
Antenna Power Tolerance	$\leq +20\%$, -80%		

For 5.6 GHz Band:

Item	Limits		
	20MHz	40MHz	80MHz
Antenna Power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P.	50mW/MHz (with TPC function)	25mW/MHz (with TPC function)	12.5mW/MHz (with TPC function)
	25mW/MHz (without TPC function)	12.5mW/MHz (without TPC function)	6.25mW/MHz (without TPC function)
Antenna Power Tolerance	$\leq +50\%$, -50%		

Test Procedure

Step 1:

Connect the UUT to the spectrum analyzer and use the following settings:

- Centre Frequency: The centre frequency of the channel under test.
- Resolution BW: 1 MHz.
- Video BW: 1 MHz.
- Span: Wide enough to cover the complete power envelope of the signal of the UUT.
- Detector: Peak.
- Trace Mode: Max Hold.

Step 2:

When the trace is complete, find the peak value of the power envelope and record the frequency.

Step 3:

Make the following changes to the settings of the spectrum analyser:

- Measurement Mode: Time Domain Power
- Centre Frequency: Equal to the frequency recorded in step 2.
- Span: Zero Span.
- Resolution BW: 1 MHz.
- Video BW: 1 MHz.
- Sweep Mode: Single..
- Detector: Sample.
- Trace Mode: Clear Write.

Step 4:

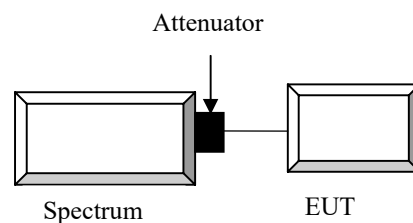
When the trace is complete, use the time domain power function of the analyzer measure the mean power average across one pulse on period, this level is recorded as D.

Step 5:

The maximum e.i.r.p. spectral density is calculated from the above measured power density (D), the observed duty cycle x, and the applicable antenna assembly gain "G" in dBi, according to the formula below. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the highest gain shall be used.

- $PD = D + G$;
- PD shall be recorded in the test report.

Test Setup Block diagram



TEST DATA AND RESULTS

Output Power and Output Power Tolerance

Test Information:

Sample No.:	2ZBJ-3	Test Date:	2025/03/20~2025/04/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Brian Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24-24.6	Relative Humidity: (%)	35-38	ATM Pressure: (kPa)	101
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Test Condition:**5150-5250MHz**

Antenna	Mode	Maximum Antenna gain (dBi)	Declared power (mW/MHz)
Chain 1+Chain 2	802.11a	1.96	2.31739
	802.11ax20	1.96	2.31739
	802.11ax40	1.96	1.40605
	802.11ax80	1.96	0.68707

Antenna	Mode	Channel	Reading (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
				Result	Limit	Result	Limit	Result	Limit	
Chain 1	802.11a	Low	-0.40	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		Middle	-0.57	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		High	-0.62	/	≤ 10	/	-80~+20	/	≤ 10	Pass
	802.11ax20	Low	0.20	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		Middle	-0.75	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		High	-2.04	/	≤ 10	/	-80~+20	/	≤ 10	Pass
	802.11ax40	Low	-1.37	/	≤ 5	/	-80~+20	/	≤ 5	Pass
		High	-2.97	/	≤ 5	/	-80~+20	/	≤ 5	Pass
	802.11ax80	Middle	-4.68	/	≤ 2.5	/	-80~+20	/	≤ 2.5	Pass
Chain 2	802.11a	Low	0.79	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		Middle	0.96	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		High	-0.88	/	≤ 10	/	-80~+20	/	≤ 10	Pass
	802.11ax20	Low	0.75	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		Middle	-1.03	/	≤ 10	/	-80~+20	/	≤ 10	Pass
		High	-1.15	/	≤ 10	/	-80~+20	/	≤ 10	Pass
	802.11ax40	Low	-1.13	/	≤ 5	/	-80~+20	/	≤ 5	Pass
		High	-3.96	/	≤ 5	/	-80~+20	/	≤ 5	Pass
	802.11ax80	Middle	-4.76	/	≤ 2.5	/	-80~+20	/	≤ 2.5	Pass
Chain 1 +Chain 2	802.11a	Low	3.24	2.11	≤ 10	-9.01	-80~+20	3.31	≤ 10	Pass
		Middle	3.28	2.13	≤ 10	-8.17	-80~+20	3.34	≤ 10	Pass
		High	2.28	1.69	≤ 10	-27.05	-80~+20	2.65	≤ 10	Pass
	802.11ax20	Low	3.48	2.23	≤ 10	-3.84	-80~+20	3.50	≤ 10	Pass
		Middle	2.12	1.63	≤ 10	-29.69	-80~+20	2.56	≤ 10	Pass
		High	1.46	1.40	≤ 10	-39.61	-80~+20	2.20	≤ 10	Pass
	802.11ax40	Low	1.76	1.50	≤ 5	6.66	-80~+20	2.36	≤ 5	Pass
		High	-0.46	0.90	≤ 5	-36.03	-80~+20	1.41	≤ 5	Pass
	802.11ax80	Middle	-1.74	0.67	≤ 2.5	-2.50	-80~+20	1.05	≤ 2.5	Pass

5250-5350MHz

Antenna	Mode	Maximum Antenna gain (dBi)	Declared power (mW/MHz)
Chain 1+Chain 2	802.11a	1.88	2.31739
	802.11ax20	1.88	2.31739
	802.11ax40	1.88	1.40605
	802.11ax80	1.88	0.68707

Antenna	Mode	Channel	Reading (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
				Result	Limit	Result	Limit	Result	Limit	
Chain 1	802.11a	Low	-1.53	/	≤ 10	/	-80~+20	/	5	Pass
		Middle	-1.13	/	≤ 10	/	-80~+20	/	5	Pass
		High	-1.81	/	≤ 10	/	-80~+20	/	5	Pass
	802.11ax20	Low	-0.55	/	≤ 10	/	-80~+20	/	5	Pass
		Middle	-0.08	/	≤ 10	/	-80~+20	/	5	Pass
		High	-1.11	/	≤ 10	/	-80~+20	/	5	Pass
	802.11ax40	Low	-4.27	/	≤ 5	/	-80~+20	/	2.5	Pass
		High	-3.98	/	≤ 5	/	-80~+20	/	2.5	Pass
	802.11ax80	Middle	-7.00	/	≤ 2.5	/	-80~+20	/	1.25	Pass
Chain 2	802.11a	Low	-1.72	/	≤ 10	/	-80~+20	/	5	Pass
		Middle	-1.27	/	≤ 10	/	-80~+20	/	5	Pass
		High	-1.31	/	≤ 10	/	-80~+20	/	5	Pass
	802.11ax20	Low	-0.58	/	≤ 10	/	-80~+20	/	5	Pass
		Middle	-0.30	/	≤ 10	/	-80~+20	/	5	Pass
		High	0.20	/	≤ 10	/	-80~+20	/	5	Pass
	802.11ax40	Low	-4.48	/	≤ 5	/	-80~+20	/	2.5	Pass
		High	-4.07	/	≤ 5	/	-80~+20	/	2.5	Pass
	802.11ax80	Middle	-7.31	/	≤ 2.5	/	-80~+20	/	1.25	Pass
Chain 1 +Chain 2	802.11a	Low	1.39	1.38	≤ 10	-40.57	-80~+20	2.12	5	Pass
		Middle	1.81	1.52	≤ 10	-34.54	-80~+20	2.34	5	Pass
		High	1.46	1.40	≤ 10	-39.61	-80~+20	2.16	5	Pass
	802.11ax20	Low	2.45	1.76	≤ 10	-24.14	-80~+20	2.71	5	Pass
		Middle	2.82	1.92	≤ 10	-17.40	-80~+20	2.95	5	Pass
		High	2.60	1.82	≤ 10	-21.48	-80~+20	2.81	5	Pass
	802.11ax40	Low	-1.36	0.73	≤ 5	-48.00	-80~+20	1.13	2.5	Pass
		High	-1.01	0.79	≤ 5	-43.64	-80~+20	1.22	2.5	Pass
	802.11ax80	Middle	-4.14	0.39	≤ 2.5	-43.90	-80~+20	0.59	1.25	Pass

5470-5725MHz

Antenna	Mode	Maximum Antenna gain (dBi)	Declared power (mW/MHz)
Chain 1+Chain 2	802.11a	2.97	4.08319
	802.11ax20	2.97	4.08319
	802.11ax40	2.97	1.21619
	802.11ax80	2.97	0.90782

Antenna	Mode	Channel	Reading (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
				Result	Limit	Result	Limit	Result	Limit	
Chain 1	802.11a	Low	2.97	/	≤ 10	/	-50~+50	/	25	Pass
		Middle	0.89	/	≤ 10	/	-50~+50	/	25	Pass
		High	1.62	/	≤ 10	/	-50~+50	/	25	Pass
	802.11ax20	Low	1.97	/	≤ 10	/	-50~+50	/	25	Pass
		Middle	-0.09	/	≤ 10	/	-50~+50	/	25	Pass
		High	1.46	/	≤ 10	/	-50~+50	/	25	Pass
	802.11ax40	Low	-3.69	/	≤ 5	/	-50~+50	/	12.5	Pass
		Middle	-2.96	/	≤ 5	/	-50~+50	/	12.5	Pass
		High	-3.00	/	≤ 5	/	-50~+50	/	12.5	Pass
	802.11ax80	Low	-4.99	/	≤ 2.5	/	-50~+50	/	6.25	Pass
		Middle	-4.49	/	≤ 2.5	/	-50~+50	/	6.25	Pass
		High	-5.15	/	≤ 2.5	/	-50~+50	/	6.25	Pass
Chain 2	802.11a	Low	3.39	/	≤ 10	/	-50~+50	/	25	Pass
		Middle	2.63	/	≤ 10	/	-50~+50	/	25	Pass
		High	2.44	/	≤ 10	/	-50~+50	/	25	Pass
	802.11ax20	Low	3.57	/	≤ 10	/	-50~+50	/	25	Pass
		Middle	0.41	/	≤ 10	/	-50~+50	/	25	Pass
		High	2.51	/	≤ 10	/	-50~+50	/	25	Pass
	802.11ax40	Low	-1.71	/	≤ 5	/	-50~+50	/	12.5	Pass
		Middle	-1.75	/	≤ 5	/	-50~+50	/	12.5	Pass
		High	-3.31	/	≤ 5	/	-50~+50	/	12.5	Pass
	802.11ax80	Low	-2.61	/	≤ 2.5	/	-50~+50	/	6.25	Pass
		Middle	-2.53	/	≤ 2.5	/	-50~+50	/	6.25	Pass
		High	-2.93	/	≤ 2.5	/	-50~+50	/	6.25	Pass

Antenna	Mode	Channel	Reading (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
				Result	Limit	Result	Limit	Result	Limit	
Chain 1 +Chain 2	802.11a	Low	6.20	4.17	≤ 10	2.09	-50~+50	8.26	25	Pass
		Middle	4.86	3.06	≤ 10	-25.01	-50~+50	6.07	25	Pass
		High	5.06	3.21	≤ 10	-21.48	-50~+50	6.35	25	Pass
	802.11ax20	Low	5.85	3.85	≤ 10	-5.81	-50~+50	7.62	25	Pass
		Middle	3.18	2.08	≤ 10	-49.07	-50~+50	4.12	25	Pass
		High	5.03	3.18	≤ 10	-22.02	-50~+50	6.31	25	Pass
	802.11ax40	Low	0.42	1.10	≤ 5	-9.43	-50~+50	2.18	12.5	Pass
		Middle	0.70	1.17	≤ 5	-3.40	-50~+50	2.33	12.5	Pass
		High	-0.14	0.97	≤ 5	-20.38	-50~+50	1.92	12.5	Pass
	802.11ax80	Low	-0.63	0.86	≤ 2.5	-4.72	-50~+50	1.71	6.25	Pass
		Middle	-0.39	0.91	≤ 2.5	0.69	-50~+50	1.81	6.25	Pass
		High	-0.89	0.81	≤ 2.5	-10.26	-50~+50	1.61	6.25	Pass

Note:

Chain 1/Chain 2

Antenna output power(mW/MHz) = $10^{\lceil \text{Reading(dBm/MHz)} / 10 \rceil}$

Antenna output power tolerance(%) = (Antenna output power - declared power) / declared power * 100

EIRP(mW/MHz) = $10^{\lceil [\text{Reading(dBm/MHz)} + \text{Antenna gain}] / 10 \rceil}$.

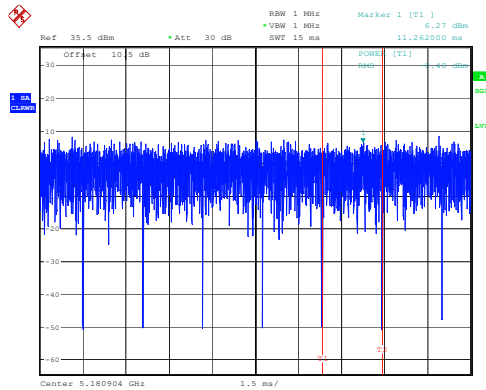
Chain 1+Chain 2

Reading(dBm/MHz) = $10 * \log \{ 10^{\lceil \text{Reading(dBm/MHz)}_{\text{chain0}} / 10 \rceil} + 10^{\lceil \text{Reading(dBm/MHz)}_{\text{chain1}} / 10 \rceil} \}$

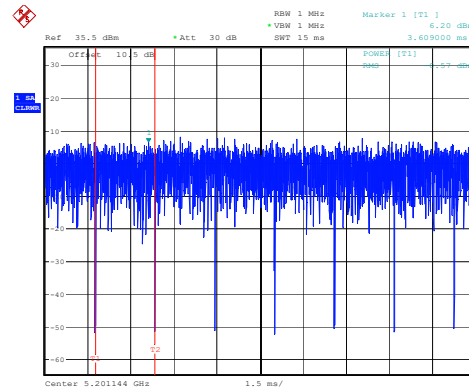
Antenna output power(mW/MHz) = $10^{\lceil \text{Reading(dBm/MHz)} / 10 \rceil}$

Antenna output power tolerance(%) = (Antenna output power - declared power) / declared power * 100

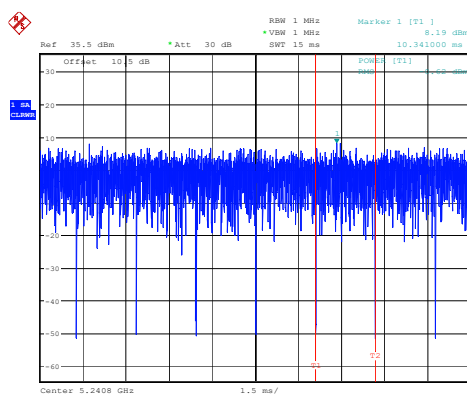
EIRP(mW/MHz) = $10^{\lceil [\text{Reading(dBm/MHz)} + \text{Antenna gain}] / 10 \rceil}$.

5150-5250MHz**Chain 1, Test Condition:****802.11a, Low Channel**

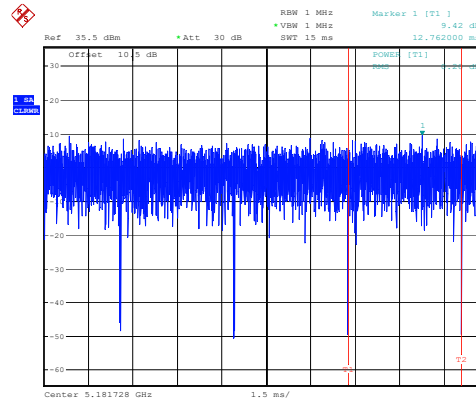
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:21:27

802.11a, Middle Channel

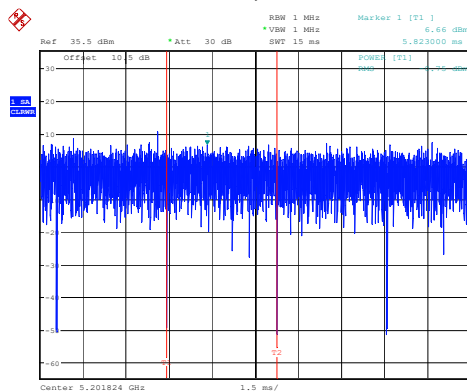
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:25:18

802.11a, High Channel

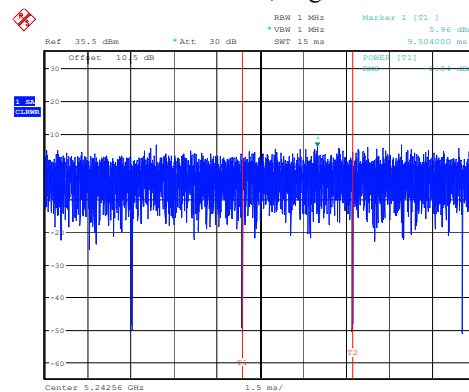
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:28:01

802.11ax20, Low Channel

ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:39:56

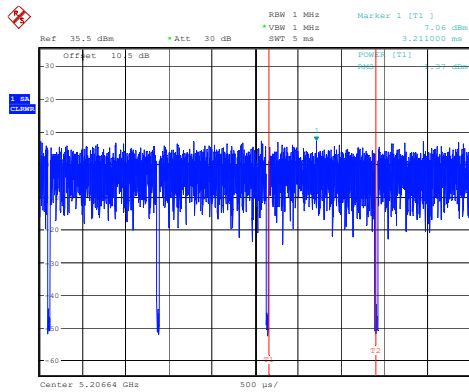
802.11ax20, Middle Channel

ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:42:45

802.11ax20, High Channel

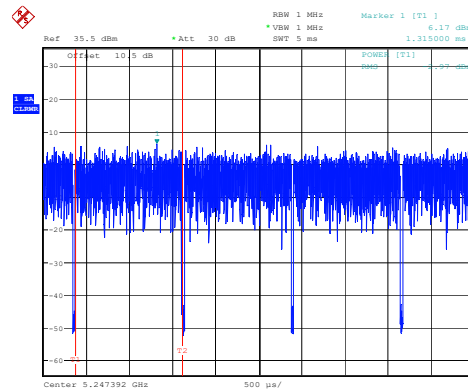
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:45:27

802.11ax40, Low Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:48:52

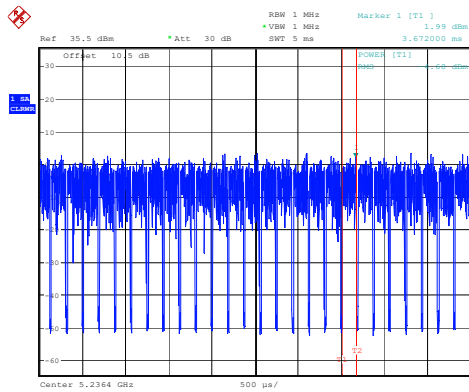
802.11ax40, High Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 00:57:06

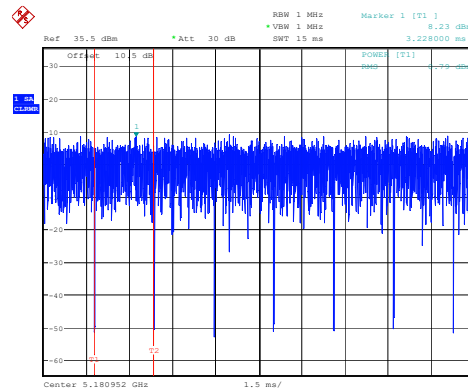
Chain 2, Test Condition:

802.11ax80, Middle Channel



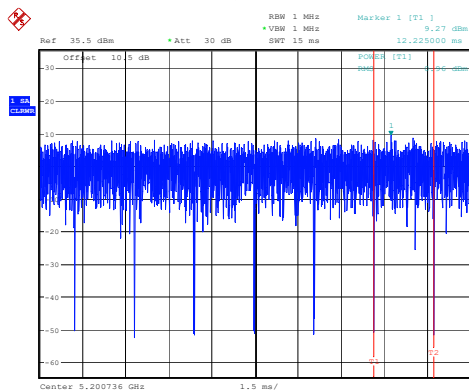
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 01:01:42

802.11a, Low Channel



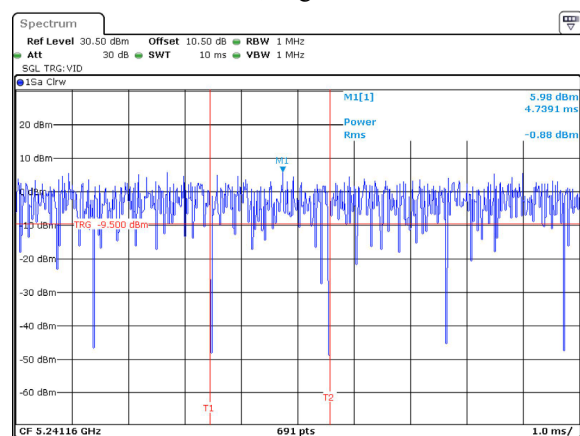
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 16.APR.2025 23:39:16

802.11a, Middle Channel



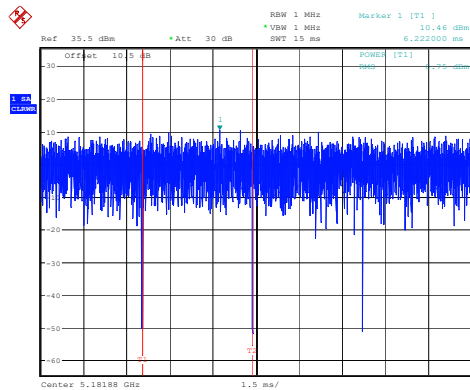
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 16.APR.2025 23:40:54

802.11a, High Channel



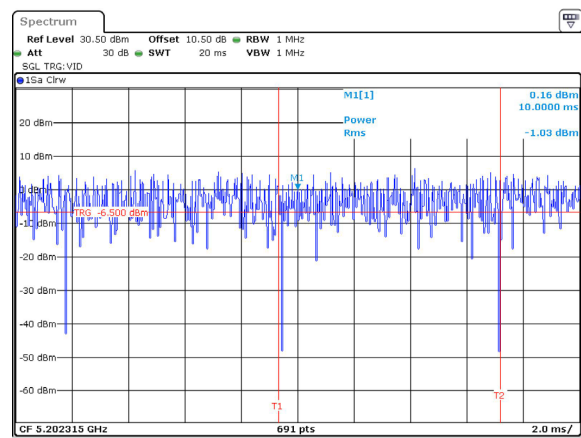
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 17:39:21

802.11ax20, Low Channel



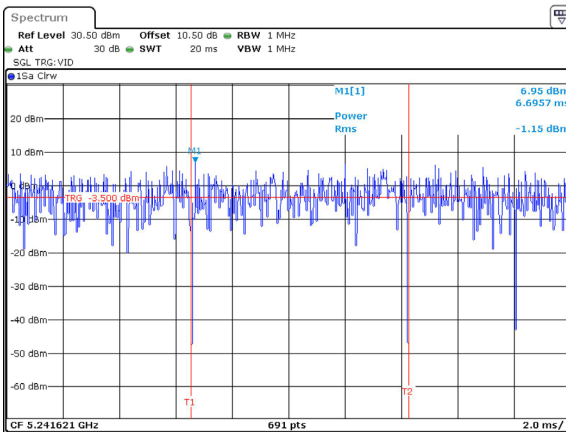
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Date: 16.APR.2025 23:45:47

802.11ax20, Middle Channel



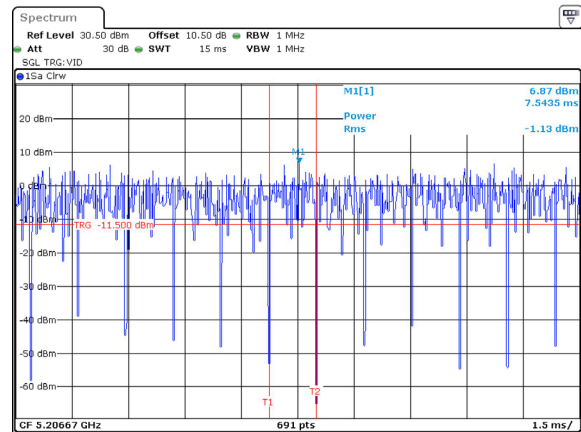
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Date: 24.APR.2025 17:55:15

802.11ax20, High Channel



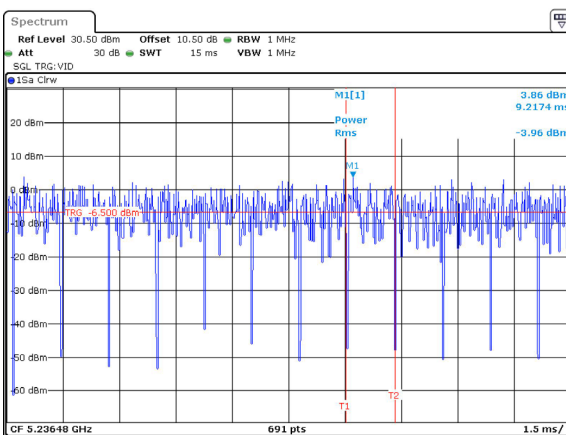
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 17:58:10

802.11ax40, Low Channel



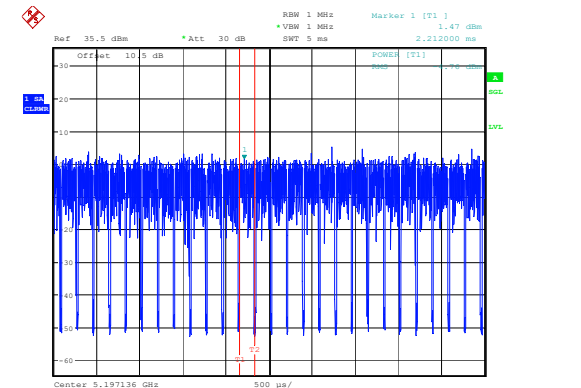
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 18:06:53

802.11ax40, High Channel

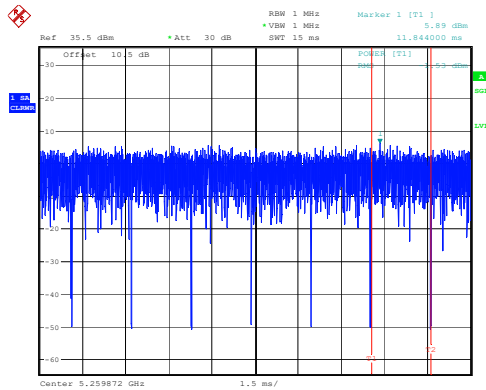


ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 18:12:49

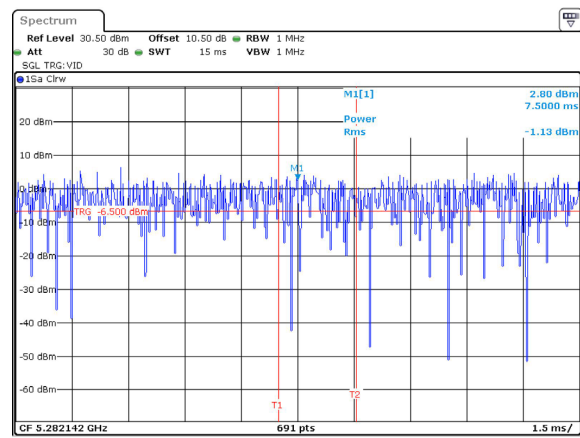
802.11ax80, Middle Channel



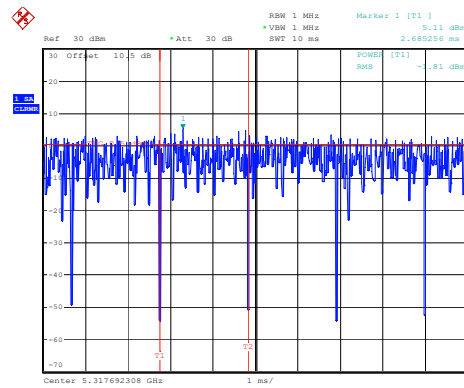
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 16.APR.2025 23:57:27

5250-5350MHz**Chain 1, Test Condition:****802.11a, Low Channel**

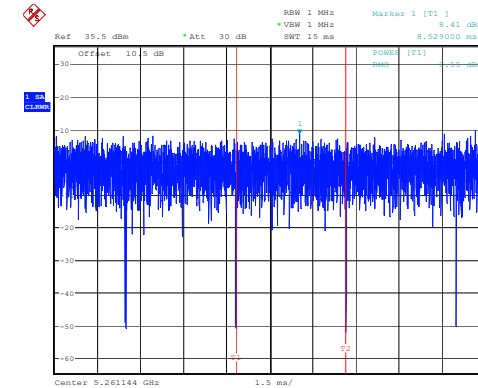
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 10.APR.2025 01:17:57

802.11a, Middle Channel

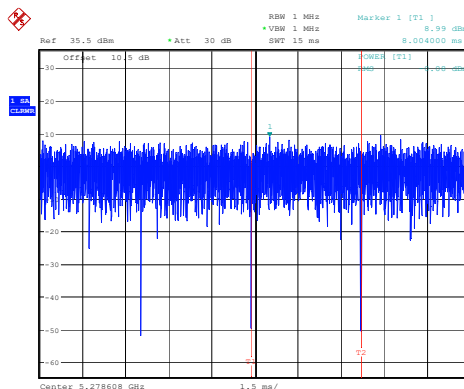
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 18:24:16

802.11a, High Channel

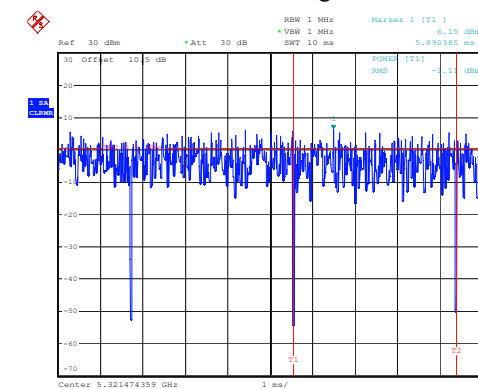
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 25.APR.2025 08:47:38

802.11ax20, Low Channel

ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:22:47

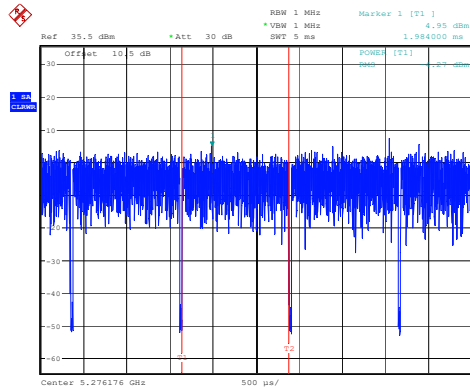
802.11ax20, Middle Channel

ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:24:19

802.11ax20, High Channel

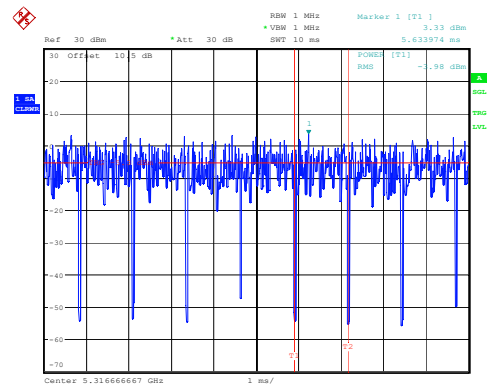
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 25.APR.2025 08:51:53

802.11ax40, Low Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:28:43

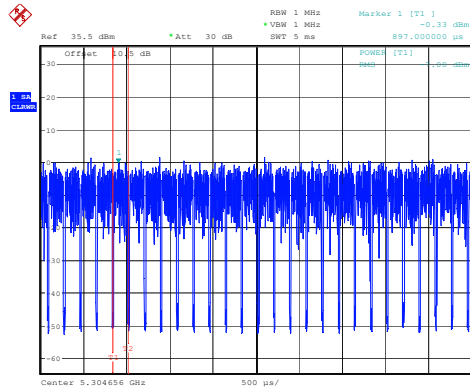
802.11ax40, High Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 25.APR.2025 08:56:47

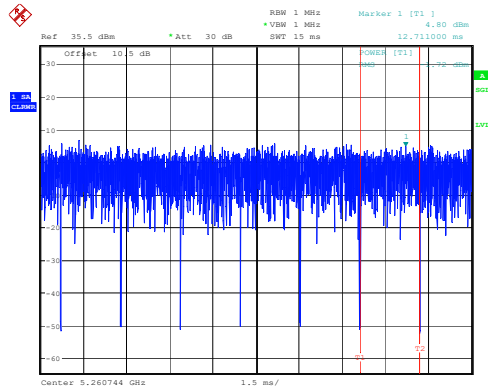
Chain 2, Test Condition:

802.11ax80, Middle Channel



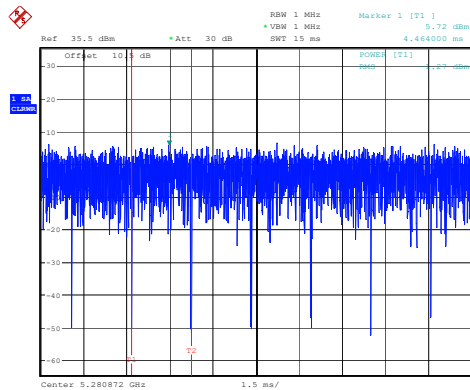
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:33:25

802.11a, Low Channel



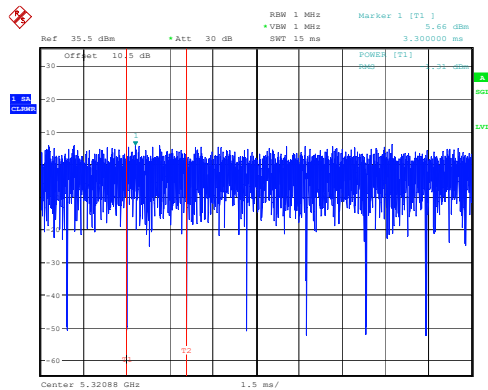
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:01:46

802.11a, Middle Channel



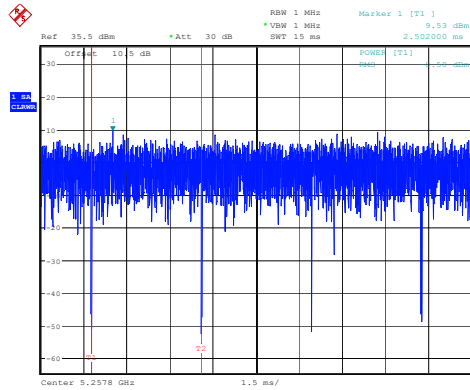
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:03:58

802.11a, High Channel



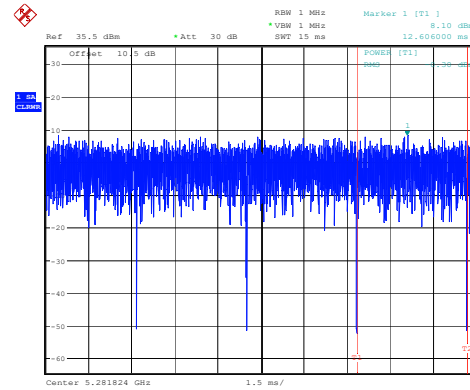
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Date: 17.APR.2025 00:06:09

802.11ax20, Low Channel



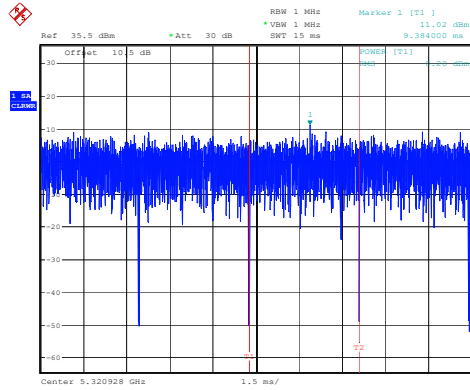
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Date: 17.APR.2025 00:08:12

802.11ax20, Middle Channel



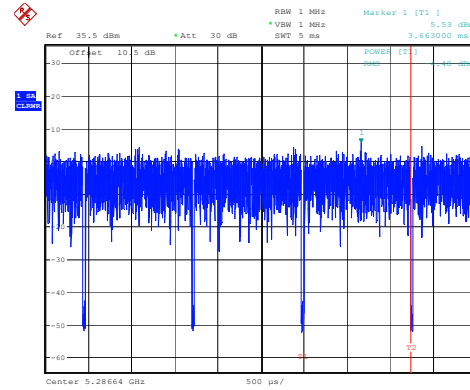
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:10:01

802.11ax20, High Channel



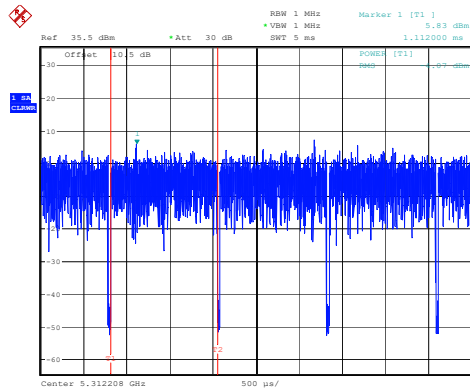
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:11:27

802.11ax40, Low Channel



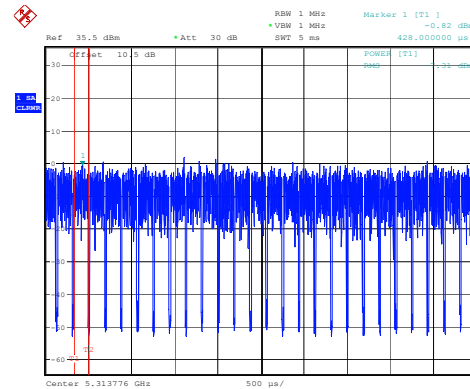
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:16:54

802.11ax40, High Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:18:21

802.11ax80, Middle Channel

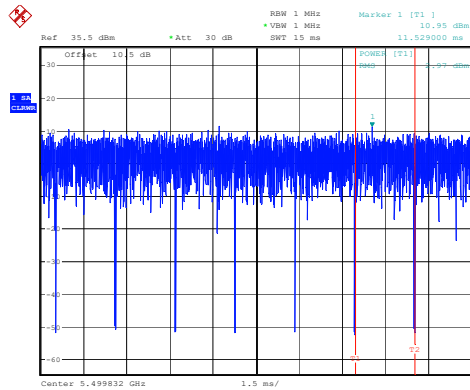


ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:21:36

5470-5725MHz

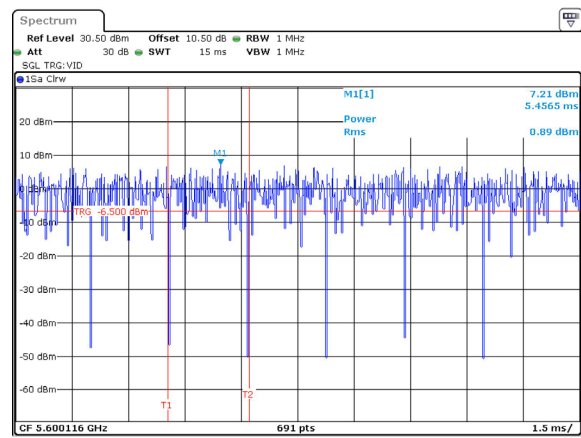
Chain 1, Test Condition: NV

802.11a, Low Channel



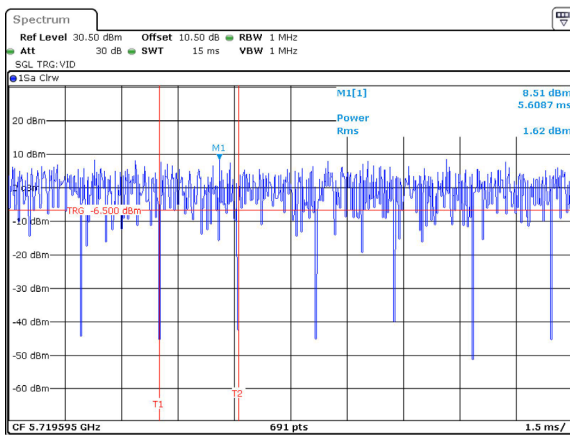
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:45:28

802.11a, Middle Channel



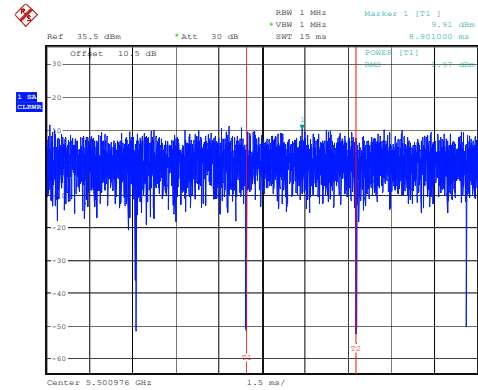
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 18:47:35

802.11a, High Channel



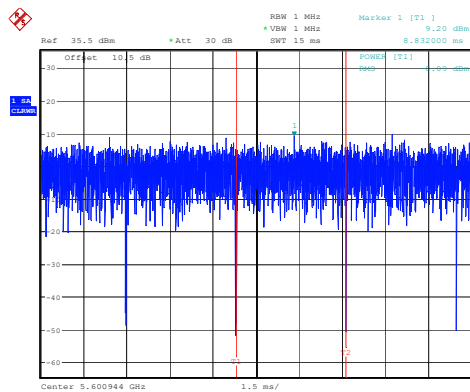
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 24.APR.2025 18:51:18

802.11ax20, Low Channel



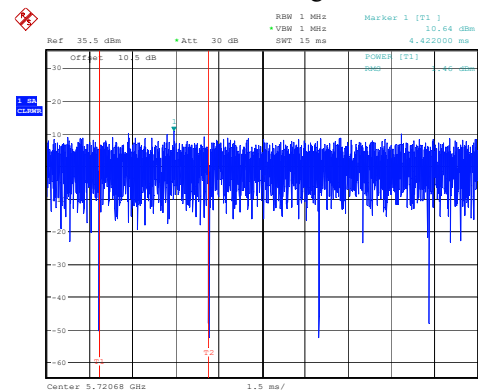
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Date: 12.APR.2025 00:51:01

802.11ax20, Middle Channel



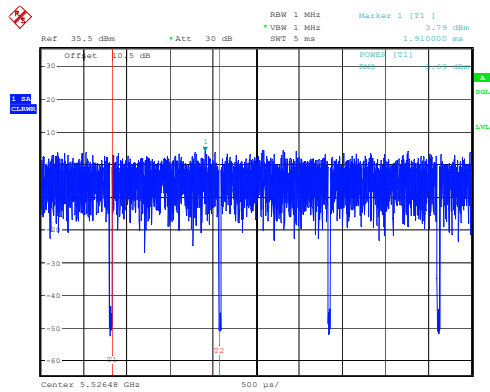
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:53:12

802.11ax20, High Channel



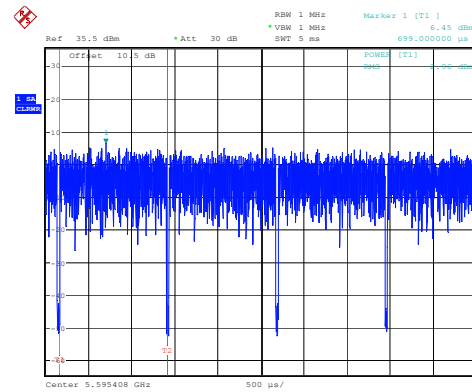
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Date: 12.APR.2025 00:54:40

802.11ax40, Low Channel



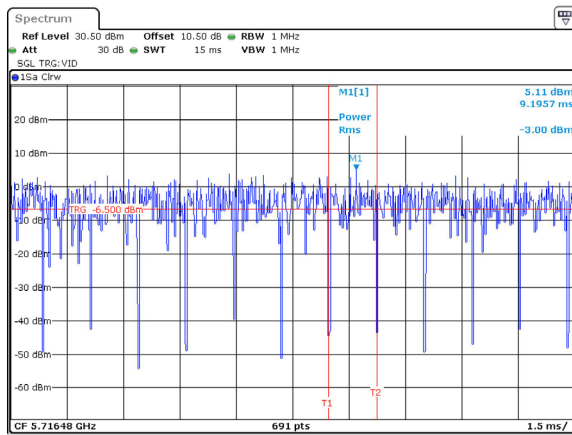
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:56:11

802.11ax40, Middle Channel



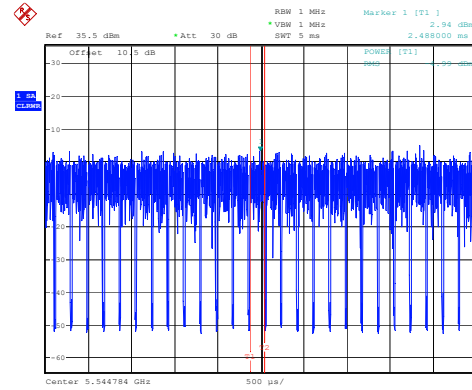
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 12.APR.2025 00:57:49

802.11ax40, High Channel



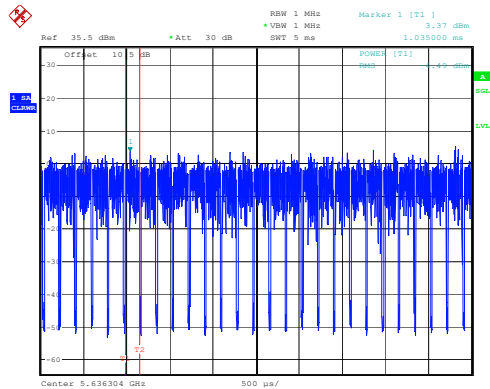
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Date: 24.APR.2025 19:01:36

802.11ax80, Low Channel



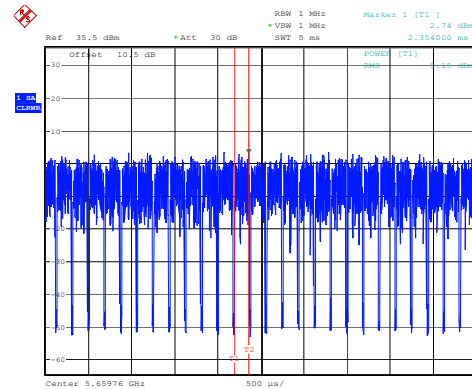
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 16.APR.2025 23:29:22

802.11ax80, Middle Channel



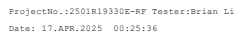
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 16.APR.2025 23:31:43

802.11ax80, High Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 16.APR.2025 23:33:42

802.11a, Low Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:27:35

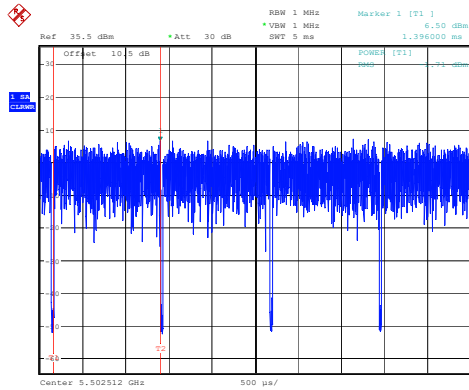
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:29:02

ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:30:55

ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:32:16

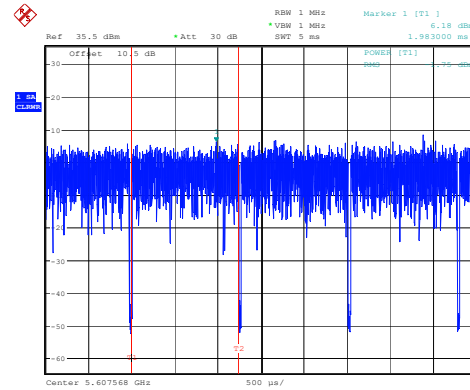
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Date: 17.APR.2025 00:33:37

802.11ax40, Low Channel



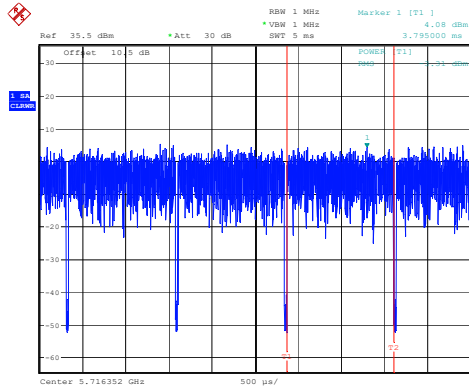
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:35:58

802.11ax40, Middle Channel



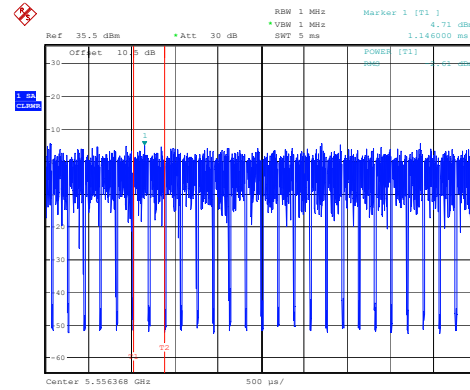
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:37:36

802.11ax40, High Channel



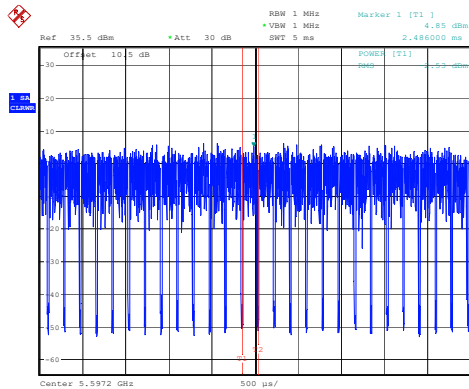
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Date: 17.APR.2025 00:39:14

802.11ax80, Low Channel



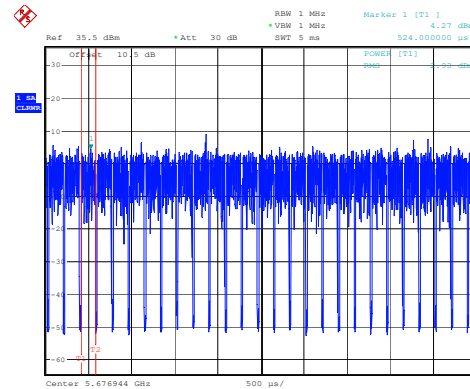
ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:41:45

802.11ax80, Middle Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:43:27

802.11ax80, High Channel



ProjectNo.:2501R19330E-RF Tester:Brian Li
Date: 17.APR.2025 00:45:14

CONSTRUCTION PROTECTION CONFIRMATION

Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

Confirmation Result

The EUT has shielding cover for the high-frequency section and modulation section of the radio which can't be opened easily, please see the EUT photos.

EUT PHOTOGRAPHS

Please refer to the attachment 2501R19330E-RF External photo and 2501R19330E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501R19330E-RFA Test Setup photo.

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