



RADIO TEST REPORT

Applicant	:	LYSORA TECHNOLOGY INC.
Address of Applicant	:	8 THE GREEN, STE A, DOVER, KENT COUNTY, DELAWARE 19901, USA
Manufacturer	:	LYSORA TECHNOLOGY INC.
Address of Manufacturer	:	8 THE GREEN, STE A, DOVER, KENT COUNTY, DELAWARE 19901, USA
Equipment under Test	:	Wireless Access Point
Model No.	:	L2530
FCC ID	:	2BPSN-L2530
IC	:	34118-L2530
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart E, RSS-247 Issue 4 July 24, 2025, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01, ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+ Errata to C63.10a-2024, RSS-Gen Issue 5 April 2018
Report No.	:	DDT-RE25070107-1E02
Issue Date	:	2025/10/24
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

Applicant	:	LYSORA TECHNOLOGY INC.
Address of Applicant	:	8 THE GREEN, STE A, DOVER, KENT COUNTY, DELAWARE 19901, USA
Equipment under Test	:	Wireless Access Point
Model No.	:	L2530
Manufacturer	:	LYSORA TECHNOLOGY INC.
Address of Manufacturer	:	8 THE GREEN, STE A, DOVER, KENT COUNTY, DELAWARE 19901, USA

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E,
RSS-247 Issue 4 July 24, 2025,
789033 D02 General U-NII Test Procedures New Rules v02r01,
662911 D01 Multiple Transmitter Output v02r01,
ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024,
RSS-Gen Issue 5 April 2018

We Declare:

The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE25070107-1E02		
Date of Receipt:	2025/07/01	Date of Test:	2025/07/01 - 2025/09/03
Created: Jacky Huang	Reviewed: Johnson Huang	Approved: Damon Hu	
			
2025/09/05	2025/10/24	2025/10/24	

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2025/10/24	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6/26db Bandwidth and 99% Bandwidth	FCC 15.407 (e), RSS-247 Clause 7.3, RSS-GEN Clause 6.7	/	Pass
2	Output Power	FCC 15.407 (a) ; RSS-247 Clause 7.3	/	Pass
3	Power Spectral Density	FCC 15.407 (a) ; RSS-247 Clause 7.3	/	Pass
4	Frequency Stability Measurement	FCC 15.407 (g); RSS-247 Clause 7.3; RSS-GEN Clause 8.11	/	Pass
5	Radiated Emission	FCC 15.407 (b); FCC 15.209; FCC 15.205; RSS-247 Clause 7.3; RSS-GEN Clause 8.9	/	Pass
6	Band Edge Compliance	FCC 15.407 (b); FCC 15.209; FCC 15.205; RSS-247 Clause 7.3; RSS-GEN Clause 8.10	/	Pass
7	Power Line Conducted Emissions	FCC Part 15: 15.207(a), RSS-Gen Issue 5 clause 8.8	/	Pass
8	Antenna Requirement	FCC Part 15: 15.203, RSS-Gen Issue 5 clause 6.8	/	Pass
Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.				

2. General Test Information

2.1. Description of EUT

EUT Name	: Wireless Access Point
Model Number	: L2530
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 12V powered by external adapter or POE
Antenna Type	: Built-in omnidirectional antenna
Max Antenna Gain (dBi)	: Antenna 1: 5.18 Antenna 2: 4.24 Antenna 3: 2.45
Beamforming Gain (dBi)	: 3
Directional gain	: 8.80
Directional gain = $10 \cdot \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi [Note the “20”s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.] For this product, direction gain = $10 \cdot \log[(10^{5.18/20} + 10^{4.24/20} + 10^{2.45/20})^2 / 3] = 8.80$	

Radio Technology	: IEEE 802.11a/n/ac/ax
Operation frequency	: U-NII-1: 5180 MHz to 5240 MHz U-NII-2A: 5260 MHz to 5320 MHz U-NII-2C: 5500 MHz to 5720 MHz U-NII-3: 5745 MHz to 5825 MHz
Modulation	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: OFDM, OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)

Channel information					
IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20) IEEE 802.11ax (HE20)		IEEE 802.11n (HT40) IEEE802.11ac (VHT40) IEEE 802.11ax (HE40)		IEEE 802.11ac (VHT80) IEEE 802.11ax (HE80)	
UNII-1					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	/	/
44	5220	/	/	/	/
48	5240	/	/	/	/
UNII-2A					
52	5260	54	5270	58	5290
56	5280	62	5310	/	/
60	5300	/	/	/	/
64	5320	/	/	/	/
UNII-2C					

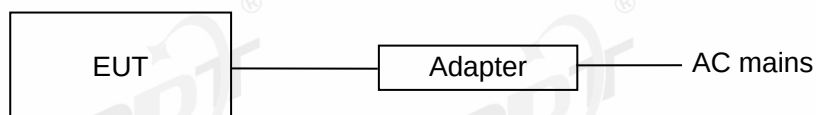
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690 (Straddle)
112	5560	126	5630	/	/
116	5580	134	5670	/	/
120	5600	142	5710 (Straddle)	/	/
124	5620	/	/	/	/
128	5640	/	/	/	/
132	5660	/	/	/	/
136	5680	/	/	/	/
140	5700	/	/	/	/
144	5720 (Straddle)	/	/	/	/
UNII-3					
149	5745	151	5755	155	5775
153	5765	159	5795	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/
165	5825	/	/	/	/
Note: Band 5600-5650MHz will be disabled when shipped to Canada.					

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
/	/	/	/

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:

Test software: QATool_Dbg.exe, version: 2.78

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table.

The pathloss of external cable: 2 dB (According to the manufacturer's claims)

Tested mode, Tx Power Setting, Data rate, Channel, and Frequency					
Tested mode	Tx Power Setting		Data rate (Mbps) (see Note)	Test Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11a	FCC: 10.5 IC: -2		6	LCH: CH36	5180
			6	MCH: CH40	5200
			6	HCH: CH48	5240
	FCC&IC: 3		6	LCH: CH52	5260
			6	MCH: CH56	5280
			6	HCH: CH64	5320
			6	LCH: CH100	5500
			6	MCH: CH116	5580
			6	HCH: CH140	5700
			6	Straddle: CH144	5720
	FCC&IC: 16		6	LCH: CH149	5745
			6	MCH: CH157	5785
			6	HCH: CH165	5825
IEEE 802.11n HT20	FCC: 11 IC: -1		MCS 0	LCH: CH36	5180
			MCS 0	MCH: CH40	5200
			MCS 0	HCH: CH48	5240
	FCC&IC: 5		MCS 0	LCH: CH52	5260
			MCS 0	MCH: CH56	5280
			MCS 0	HCH: CH64	5320
			MCS 0	LCH: CH100	5500
			MCS 0	MCH: CH116	5580
			MCS 0	HCH: CH140	5700
			MCS 0	Straddle: CH144	5720
	FCC&IC: 12		MCS 0	LCH: CH149	5745
			MCS 0	MCH: CH157	5785
			MCS 0	HCH: CH165	5825
IEEE 802.11n HT40	FCC: 11 IC: -0.5		MCS 0	LCH: CH38	5190
			MCS 0	HCH: CH46	5230
	FCC&IC: 5		MCS 0	LCH: CH54	5270
			MCS 0	HCH: CH62	5310
			MCS 0	LCH: CH102	5510
			MCS 0	MCH: CH110	5550

	FCC&IC: 12	MCS 0	HCH: CH134	5670
		MCS 0	LCH: CH151	5755
		MCS 0	HCH: CH159	5795
IEEE 802.11ac VHT20	FCC: 11 IC: -1	MCS 0	LCH: CH36	5180
		MCS 0	MCH: CH40	5200
		MCS 0	HCH: CH48	5240
	FCC&IC: 4	MCS 0	LCH: CH52	5260
		MCS 0	MCH: CH56	5280
		MCS 0	HCH: CH64	5320
		MCS 0	LCH: CH100	5500
		MCS 0	MCH: CH116	5580
		MCS 0	HCH: CH140	5700
		MCS 0	Straddle: CH144	5720
	FCC&IC: 12	MCS 0	LCH: CH149	5745
		MCS 0	MCH: CH157	5785
		MCS 0	HCH: CH165	5825
IEEE 802.11 ac VHT40	FCC: 11 IC: 0	MCS 0	LCH: CH38	5190
		MCS 0	HCH: CH46	5230
	FCC&IC: 4	MCS 0	LCH: CH54	5270
		MCS 0	HCH: CH62	5310
		MCS 0	LCH: CH102	5510
		MCS 0	MCH: CH110	5550
		MCS 0	HCH: CH134	5670
		MCS 0	Straddle: CH151	5710
	FCC&IC: 12	MCS 0	LCH: CH159	5755
		MCS 0	HCH: CH36	5795
IEEE 802.11ac VHT80	FCC: 11 IC: 1	MCS 0	CH42	5210
	FCC&IC: 4	MCS 0	CH58	5290
		MCS 0	LCH: CH106	5530
		MCS 0	HCH: CH122	5610
	FCC&IC: 12	MCS 0	Straddle: CH138	5690
		MCS 0	CH155	5775
IEEE 802.11ax HE20	FCC: 11 IC: -1	MCS 0	LCH: CH36	5180
		MCS 0	MCH: CH40	5200
		MCS 0	HCH: CH48	5240
	FCC&IC: 5	MCS 0	LCH: CH52	5260
		MCS 0	MCH: CH56	5280
		MCS 0	HCH: CH64	5320
		MCS 0	LCH: CH100	5500
		MCS 0	MCH: CH116	5580
		MCS 0	HCH: CH140	5700
		MCS 0	Straddle: CH144	5720

	FCC&IC: 13	MCS 0	LCH: CH149	5745
		MCS 0	MCH: CH157	5785
		MCS 0	HCH: CH165	5825
IEEE 802.11ax HE40	FCC: 12 IC: 0	MCS 0	LCH: CH38	5190
		MCS 0	HCH: CH46	5230
	FCC&IC: 6	MCS 0	LCH: CH54	5270
		MCS 0	HCH: CH62	5310
		MCS 0	LCH: CH102	5510
		MCS 0	MCH: CH110	5550
		MCS 0	HCH: CH134	5670
		MCS 0	Straddle: CH151	5710
	FCC&IC: 14	MCS 0	LCH: CH159	5755
		MCS 0	HCH: CH36	5795
IEEE 802.11ax HE80	FCC: 12 IC: 0	MCS 0	CH42	5210
		MCS 0	CH58	5290
	FCC&IC: 6	MCS 0	LCH: CH106	5530
		MCS 0	HCH: CH122	5610
	FCC&IC: 13	MCS 0	Straddle: CH138	5690
		MCS 0	CH155	5775
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.				

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	+15°C to +35 °C
Humidity range:	20% to 75%
Pressure range:	86 kPa to 106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

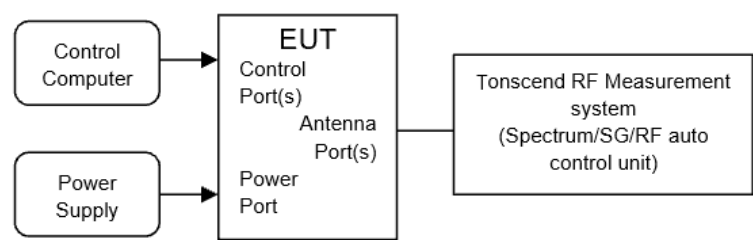
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	1.40 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
	1.66 dB ($8 \text{ GHz} \leq f < 26.5 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz)
	4.40 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date	Cal. Interval
☑RF Connected Test (RF Measurement System 4#)					
Signal &Spectrum Analyzer	R&S	FSV3044	101173	2026/03/28	1 Year
Wideband Radio Communication Tester	R&S	CMW500	168801	2026/03/28	1 Year
MXG Vector Signal Generator	Agilent	N5182A	MY48180737	2026/03/28	1 Year
PSG Vector Signal Generator	Agilent	E8267D	US49060192	2026/08/10	1 Year
RF Control Unit	Tonscend	JS0806-2	21I8060485	2026/03/28	1 Year
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28	1 Year
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A	N/A

4. 26dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
26 dB Bandwidth	---	5150 - 5250
	---	5250 - 5350
	---	For FCC: 5470 - 5725 For IC: 5470 - 5600 5650 - 5725
	---	5725-5850 (Note: Not required, just for report)

4.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	approximately 1% of the emission bandwidth.
VBW	> RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

4.4. Test result

Test Engineer:	Huang Yanwen	Test Site:	RF Measurement System 4#
Ambient Condition:	23.1-26.5℃, 42.8-47.5%RH	Test Date:	2025.07.23-2025.07.31
Test Power Supply:	DC 12V	Sample Number:	Q25070107-004

Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A-CDD	Ant1	5180	27.72	5167.60	5195.32	---	---
	Ant2	5180	28.88	5166.08	5194.96	---	---
	Ant3	5180	28.52	5166.48	5195.00	---	---
	Ant1	5200	26.92	5186.60	5213.52	---	---
	Ant2	5200	31.80	5185.28	5217.08	---	---
	Ant3	5200	30.96	5185.44	5216.40	---	---
	Ant1	5240	20.28	5229.88	5250.16	---	---
	Ant2	5240	20.16	5229.92	5250.08	---	---
	Ant3	5240	20.08	5229.96	5250.04	---	---
	Ant1	5260	20.72	5249.64	5270.36	---	---
	Ant2	5260	20.60	5249.72	5270.32	---	---
	Ant3	5260	20.56	5249.72	5270.28	---	---
	Ant1	5280	20.88	5269.48	5290.36	---	---
	Ant2	5280	20.76	5269.60	5290.36	---	---
	Ant3	5280	20.44	5269.76	5290.20	---	---
	Ant1	5320	28.72	5305.04	5333.76	---	---
	Ant2	5320	29.04	5304.28	5333.32	---	---
	Ant3	5320	29.80	5303.68	5333.48	---	---
	Ant1	5500	28.84	5485.32	5514.16	---	---
	Ant2	5500	29.00	5485.80	5514.80	---	---
	Ant3	5500	29.44	5486.76	5516.20	---	---
	Ant1	5580	20.96	5569.48	5590.44	---	---
	Ant2	5580	21.56	5569.16	5590.72	---	---
	Ant3	5580	21.24	5569.24	5590.48	---	---
	Ant1	5700	25.88	5686.00	5711.88	---	---
	Ant2	5700	28.68	5683.84	5712.52	---	---

	Ant3	5700	26.28	5685.20	5711.48	---	---
	Ant1	5720	20.88	5709.60	5730.48	---	---
	Ant2	5720	21.40	5709.36	5730.76	---	---
	Ant3	5720	21.04	5709.40	5730.44	---	---
	Ant1	5720_UNII-2C	15.40	5709.60	5725	---	---
	Ant2	5720_UNII-2C	15.64	5709.36	5725	---	---
	Ant3	5720_UNII-2C	15.60	5709.40	5725	---	---
	Ant1	5720_UNII-3	5.48	5725	5730.48	---	---
	Ant2	5720_UNII-3	5.76	5725	5730.76	---	---
	Ant3	5720_UNII-3	5.44	5725	5730.44	---	---
	Ant1	5745	25.40	5734.20	5759.60	---	---
	Ant2	5745	26.12	5733.84	5759.96	---	---
	Ant3	5745	25.12	5734.44	5759.56	---	---
	Ant1	5785	21.44	5774.12	5795.56	---	---
	Ant2	5785	21.36	5774.52	5795.88	---	---
	Ant3	5785	21.40	5774.44	5795.84	---	---
	Ant1	5825	27.28	5810.00	5837.28	---	---
	Ant2	5825	27.28	5809.88	5837.16	---	---
	Ant3	5825	27.60	5809.80	5837.40	---	---
11N20MIMO	Ant1	5180	29.96	5166.12	5196.08	---	---
	Ant2	5180	29.08	5166.36	5195.44	---	---
	Ant3	5180	30.32	5166.24	5196.56	---	---
	Ant1	5200	30.12	5185.24	5215.36	---	---
	Ant2	5200	29.60	5185.44	5215.04	---	---
	Ant3	5200	29.56	5185.24	5214.80	---	---
	Ant1	5240	20.52	5229.76	5250.28	---	---
	Ant2	5240	20.60	5229.68	5250.28	---	---
	Ant3	5240	20.48	5229.80	5250.28	---	---
	Ant1	5260	21.72	5249.20	5270.92	---	---
	Ant2	5260	21.60	5249.36	5270.96	---	---
	Ant3	5260	21.72	5249.16	5270.88	---	---
	Ant1	5280	21.56	5269.20	5290.76	---	---

Ant2	5280	21.72	5269.16	5290.88	---	---
Ant3	5280	21.88	5268.96	5290.84	---	---
Ant1	5320	28.60	5305.16	5333.76	---	---
Ant2	5320	30.48	5303.32	5333.80	---	---
Ant3	5320	29.20	5304.52	5333.72	---	---
Ant1	5500	29.72	5486.52	5516.24	---	---
Ant2	5500	29.12	5485.88	5515.00	---	---
Ant3	5500	28.76	5486.52	5515.28	---	---
Ant1	5580	22.00	5568.96	5590.96	---	---
Ant2	5580	22.32	5568.80	5591.12	---	---
Ant3	5580	22.20	5569.04	5591.24	---	---
Ant1	5700	28.92	5683.92	5712.84	---	---
Ant2	5700	28.16	5684.40	5712.56	---	---
Ant3	5700	27.60	5684.92	5712.52	---	---
Ant1	5720	21.68	5709.12	5730.80	---	---
Ant2	5720	22.00	5708.92	5730.92	---	---
Ant3	5720	21.72	5709.20	5730.92	---	---
Ant1	5720_UNII-2C	15.88	5709.12	5725	---	---
Ant2	5720_UNII-2C	16.08	5708.92	5725	---	---
Ant3	5720_UNII-2C	15.80	5709.20	5725	---	---
Ant1	5720_UNII-3	5.80	5725	5730.80	---	---
Ant2	5720_UNII-3	5.92	5725	5730.92	---	---
Ant3	5720_UNII-3	5.92	5725	5730.92	---	---
Ant1	5745	26.12	5733.88	5760.00	---	---
Ant2	5745	27.00	5733.40	5760.40	---	---
Ant3	5745	27.76	5733.64	5761.40	---	---
Ant1	5785	21.68	5774.16	5795.84	---	---
Ant2	5785	21.48	5774.20	5795.68	---	---
Ant3	5785	21.76	5774.16	5795.92	---	---
Ant1	5825	27.32	5810.24	5837.56	---	---
Ant2	5825	27.04	5809.84	5836.88	---	---
Ant3	5825	29.04	5808.88	5837.92	---	---

11N40MIMO	Ant1	5190	59.84	5163.92	5223.76	---	---
	Ant2	5190	62.08	5164.32	5226.40	---	---
	Ant3	5190	62.08	5164.48	5226.56	---	---
	Ant1	5230	41.28	5209.36	5250.64	---	---
	Ant2	5230	41.20	5209.52	5250.72	---	---
	Ant3	5230	41.36	5209.28	5250.64	---	---
	Ant1	5270	41.28	5249.44	5290.72	---	---
	Ant2	5270	41.44	5249.36	5290.80	---	---
	Ant3	5270	41.28	5249.44	5290.72	---	---
	Ant1	5310	57.04	5278.32	5335.36	---	---
	Ant2	5310	59.20	5276.64	5335.84	---	---
	Ant3	5310	62.00	5274.56	5336.56	---	---
	Ant1	5510	58.80	5483.60	5542.40	---	---
	Ant2	5510	60.32	5484.24	5544.56	---	---
	Ant3	5510	40.24	5489.84	5530.08	---	---
	Ant1	5550	41.44	5529.36	5570.80	---	---
	Ant2	5550	41.60	5529.20	5570.80	---	---
	Ant3	5550	41.44	5529.28	5570.72	---	---
	Ant1	5670	71.04	5632.80	5703.84	---	---
	Ant2	5670	70.72	5636.00	5706.72	---	---
	Ant3	5670	69.20	5635.28	5704.48	---	---
	Ant1	5710	41.84	5689.20	5731.04	---	---
	Ant2	5710	41.44	5689.44	5730.88	---	---
	Ant3	5710	41.60	5689.04	5730.64	---	---
	Ant1	5710_UNII-2C	35.80	5689.20	5725	---	---
	Ant2	5710_UNII-2C	35.56	5689.44	5725	---	---
	Ant3	5710_UNII-2C	35.96	5689.04	5725	---	---
	Ant1	5710_UNII-3	6.04	5725	5731.04	---	---
	Ant2	5710_UNII-3	5.88	5725	5730.88	---	---
	Ant3	5710_UNII-3	5.64	5725	5730.64	---	---
	Ant1	5755	57.84	5733.80	5791.64	---	---
	Ant2	5755	53.76	5733.88	5787.64	---	---

	Ant3	5755	55.44	5733.88	5789.32	---	---
	Ant1	5795	41.44	5774.36	5815.80	---	---
	Ant2	5795	41.20	5774.36	5815.56	---	---
	Ant3	5795	41.60	5774.20	5815.80	---	---
11AC20MIMO	Ant1	5180	28.88	5166.44	5195.32	---	---
	Ant2	5180	31.16	5166.40	5197.56	---	---
	Ant3	5180	29.52	5166.40	5195.92	---	---
	Ant1	5200	28.20	5186.48	5214.68	---	---
	Ant2	5200	29.64	5185.36	5215.00	---	---
	Ant3	5200	30.08	5185.80	5215.88	---	---
	Ant1	5240	20.52	5229.76	5250.28	---	---
	Ant2	5240	20.44	5229.76	5250.20	---	---
	Ant3	5240	20.44	5229.76	5250.20	---	---
	Ant1	5260	21.48	5249.32	5270.80	---	---
	Ant2	5260	21.64	5249.16	5270.80	---	---
	Ant3	5260	21.20	5249.48	5270.68	---	---
	Ant1	5280	21.72	5269.12	5290.84	---	---
	Ant2	5280	21.76	5269.12	5290.88	---	---
	Ant3	5280	21.52	5269.32	5290.84	---	---
	Ant1	5320	30.28	5304.44	5334.72	---	---
	Ant2	5320	28.68	5304.92	5333.60	---	---
	Ant3	5320	29.52	5304.28	5333.80	---	---
	Ant1	5500	29.20	5485.76	5514.96	---	---
	Ant2	5500	28.56	5486.52	5515.08	---	---
	Ant3	5500	29.28	5486.44	5515.72	---	---
	Ant1	5580	21.88	5569.00	5590.88	---	---
	Ant2	5580	21.68	5569.12	5590.80	---	---
	Ant3	5580	21.64	5569.20	5590.84	---	---
	Ant1	5700	27.68	5684.44	5712.12	---	---
	Ant2	5700	29.32	5683.80	5713.12	---	---
	Ant3	5700	28.00	5684.40	5712.40	---	---
	Ant1	5720	21.76	5709.04	5730.80	---	---

	Ant2	5720	21.56	5709.24	5730.80	---	---
	Ant3	5720	21.52	5709.32	5730.84	---	---
	Ant1	5720_UNII-2C	15.96	5709.04	5725	---	---
	Ant2	5720_UNII-2C	15.76	5709.24	5725	---	---
	Ant3	5720_UNII-2C	15.68	5709.32	5725	---	---
	Ant1	5720_UNII-3	5.8	5725	5730.80	---	---
	Ant2	5720_UNII-3	5.8	5725	5730.80	---	---
	Ant3	5720_UNII-3	5.84	5725	5730.84	---	---
	Ant1	5745	25.48	5733.92	5759.40	---	---
	Ant2	5745	25.92	5734.04	5759.96	---	---
	Ant3	5745	27.20	5734.00	5761.20	---	---
	Ant1	5785	21.88	5774.20	5796.08	---	---
	Ant2	5785	21.68	5774.08	5795.76	---	---
	Ant3	5785	21.52	5774.24	5795.76	---	---
	Ant1	5825	27.12	5809.72	5836.84	---	---
	Ant2	5825	29.28	5808.36	5837.64	---	---
	Ant3	5825	28.28	5808.64	5836.92	---	---
11AC40MIMO	Ant1	5190	60.64	5165.44	5226.08	---	---
	Ant2	5190	54.08	5166.08	5220.16	---	---
	Ant3	5190	60.80	5165.84	5226.64	---	---
	Ant1	5230	41.36	5209.36	5250.72	---	---
	Ant2	5230	40.64	5209.68	5250.32	---	---
	Ant3	5230	40.80	5209.60	5250.40	---	---
	Ant1	5270	41.04	5249.52	5290.56	---	---
	Ant2	5270	40.40	5249.84	5290.24	---	---
	Ant3	5270	40.64	5249.68	5290.32	---	---
	Ant1	5310	64.88	5272.56	5337.44	---	---
	Ant2	5310	49.12	5284.24	5333.36	---	---
	Ant3	5310	60.56	5275.92	5336.48	---	---
	Ant1	5510	58.08	5485.60	5543.68	---	---
	Ant2	5510	50.64	5486.08	5536.72	---	---
	Ant3	5510	53.68	5485.76	5539.44	---	---

	Ant1	5550	41.36	5529.20	5570.56	---	---
	Ant2	5550	40.56	5529.76	5570.32	---	---
	Ant3	5550	40.88	5529.60	5570.48	---	---
	Ant1	5670	71.28	5632.48	5703.76	---	---
	Ant2	5670	60.48	5640.16	5700.64	---	---
	Ant3	5670	65.60	5635.36	5700.96	---	---
	Ant1	5710	41.60	5689.20	5730.80	---	---
	Ant2	5710	40.64	5689.60	5730.24	---	---
	Ant3	5710	40.80	5689.60	5730.40	---	---
	Ant1	5710_UNII-2C	35.8	5689.20	5725	---	---
	Ant2	5710_UNII-2C	35.4	5689.60	5725	---	---
	Ant3	5710_UNII-2C	35.4	5689.60	5725	---	---
	Ant1	5710_UNII-3	5.8	5725	5730.80	---	---
	Ant2	5710_UNII-3	5.24	5725	5730.24	---	---
	Ant3	5710_UNII-3	5.4	5725	5730.40	---	---
	Ant1	5755	58.00	5734.04	5792.04	---	---
	Ant2	5755	47.60	5734.44	5782.04	---	---
	Ant3	5755	50.96	5734.28	5785.24	---	---
	Ant1	5795	40.88	5774.44	5815.32	---	---
	Ant2	5795	40.96	5774.68	5815.64	---	---
	Ant3	5795	41.04	5774.44	5815.48	---	---
11AC80MIMO	Ant1	5210	127.20	5162.48	5289.68	---	---
	Ant2	5210	114.24	5162.32	5276.56	---	---
	Ant3	5210	116.96	5162.00	5278.96	---	---
	Ant1	5290	116.80	5221.04	5337.84	---	---
	Ant2	5290	107.84	5228.24	5336.08	---	---
	Ant3	5290	111.68	5224.88	5336.56	---	---
	Ant1	5530	117.92	5481.20	5599.12	---	---
	Ant2	5530	111.04	5482.16	5593.20	---	---
	Ant3	5530	113.60	5483.60	5597.20	---	---
	Ant1	5610	80.64	5569.84	5650.48	---	---
	Ant2	5610	80.16	5570.00	5650.16	---	---

	Ant3	5610	80.00	5570.00	5650.00	---	---
	Ant1	5690	80.64	5649.68	5730.32	---	---
	Ant2	5690	80.32	5649.84	5730.16	---	---
	Ant3	5690	80.48	5649.84	5730.32	---	---
	Ant1	5690_UNII-2C	75.32	5649.68	5725	---	---
	Ant2	5690_UNII-2C	75.16	5649.84	5725	---	---
	Ant3	5690_UNII-2C	75.16	5649.84	5725	---	---
	Ant1	5690_UNII-3	5.32	5725	5730.32	---	---
	Ant2	5690_UNII-3	5.16	5725	5730.16	---	---
	Ant3	5690_UNII-3	5.32	5725	5730.32	---	---
	Ant1	5775	80.80	5734.52	5815.32	---	---
	Ant2	5775	80.16	5735.00	5815.16	---	---
	Ant3	5775	80.00	5735.00	5815.00	---	---
11AX20MIMO	Ant1	5180	28.60	5167.16	5195.76	---	---
	Ant2	5180	31.44	5164.96	5196.40	---	---
	Ant3	5180	32.36	5165.72	5198.08	---	---
	Ant1	5200	28.76	5185.04	5213.80	---	---
	Ant2	5200	33.32	5184.00	5217.32	---	---
	Ant3	5200	33.36	5185.92	5219.28	---	---
	Ant1	5240	19.96	5230.00	5249.96	---	---
	Ant2	5240	19.96	5230.00	5249.96	---	---
	Ant3	5240	19.96	5230.00	5249.96	---	---
	Ant1	5260	22.28	5248.84	5271.12	---	---
	Ant2	5260	21.84	5249.00	5270.84	---	---
	Ant3	5260	21.92	5249.16	5271.08	---	---
	Ant1	5280	22.08	5268.88	5290.96	---	---
	Ant2	5280	21.72	5269.00	5290.72	---	---
	Ant3	5280	21.92	5268.96	5290.88	---	---
	Ant1	5320	33.48	5302.12	5335.60	---	---
	Ant2	5320	28.60	5305.00	5333.60	---	---
	Ant3	5320	29.44	5304.28	5333.72	---	---
	Ant1	5500	29.20	5486.48	5515.68	---	---

	Ant2	5500	28.52	5486.48	5515.00	---	---
	Ant3	5500	30.04	5486.48	5516.52	---	---
	Ant1	5580	21.96	5568.92	5590.88	---	---
	Ant2	5580	21.76	5569.04	5590.80	---	---
	Ant3	5580	22.08	5568.84	5590.92	---	---
	Ant1	5700	28.64	5683.48	5712.12	---	---
	Ant2	5700	28.96	5684.12	5713.08	---	---
	Ant3	5700	25.16	5686.20	5711.36	---	---
	Ant1	5720	21.88	5709.08	5730.96	---	---
	Ant2	5720	22.08	5709.12	5731.20	---	---
	Ant3	5720	21.68	5709.16	5730.84	---	---
	Ant1	5720_UNII-2C	15.92	5709.08	5725	---	---
	Ant2	5720_UNII-2C	15.88	5709.12	5725	---	---
	Ant3	5720_UNII-2C	15.84	5709.16	5725	---	---
	Ant1	5720_UNII-3	5.96	5725	5730.96	---	---
	Ant2	5720_UNII-3	6.2	5725	5731.20	---	---
	Ant3	5720_UNII-3	5.84	5725	5730.84	---	---
	Ant1	5745	26.56	5733.64	5760.20	---	---
	Ant2	5745	27.20	5733.96	5761.16	---	---
	Ant3	5745	27.32	5733.92	5761.24	---	---
	Ant1	5785	22.20	5773.88	5796.08	---	---
	Ant2	5785	22.36	5773.80	5796.16	---	---
	Ant3	5785	21.84	5774.04	5795.88	---	---
	Ant1	5825	28.24	5809.00	5837.24	---	---
	Ant2	5825	30.68	5806.48	5837.16	---	---
	Ant3	5825	28.60	5808.04	5836.64	---	---
11AX40MIMO	Ant1	5190	54.88	5166.40	5221.28	---	---
	Ant2	5190	51.92	5166.24	5218.16	---	---
	Ant3	5190	55.04	5166.56	5221.60	---	---
	Ant1	5230	39.84	5210.08	5249.92	---	---
	Ant2	5230	39.76	5210.16	5249.92	---	---
	Ant3	5230	39.68	5210.16	5249.84	---	---

	Ant1	5270	39.68	5250.16	5289.84	---	---
	Ant2	5270	39.76	5250.08	5289.84	---	---
	Ant3	5270	39.76	5250.08	5289.84	---	---
	Ant1	5310	53.28	5280.40	5333.68	---	---
	Ant2	5310	50.56	5283.68	5334.24	---	---
	Ant3	5310	52.32	5282.88	5335.20	---	---
	Ant1	5510	51.76	5485.04	5536.80	---	---
	Ant2	5510	52.16	5484.24	5536.40	---	---
	Ant3	5510	52.96	5483.04	5536.00	---	---
	Ant1	5550	39.68	5530.16	5569.84	---	---
	Ant2	5550	39.76	5530.08	5569.84	---	---
	Ant3	5550	39.76	5530.08	5569.84	---	---
	Ant1	5670	57.04	5642.64	5699.68	---	---
	Ant2	5670	56.64	5642.48	5699.12	---	---
	Ant3	5670	57.92	5640.96	5698.88	---	---
	Ant1	5710	39.68	5690.16	5729.84	---	---
	Ant2	5710	39.68	5690.16	5729.84	---	---
	Ant3	5710	39.76	5690.08	5729.84	---	---
	Ant1	5710_UNII-2C	34.84	5690.16	5725	---	---
	Ant2	5710_UNII-2C	34.84	5690.16	5725	---	---
	Ant3	5710_UNII-2C	34.92	5690.08	5725	---	---
	Ant1	5710_UNII-3	4.84	5725	5729.84	---	---
	Ant2	5710_UNII-3	4.84	5725	5729.84	---	---
	Ant3	5710_UNII-3	4.84	5725	5729.84	---	---
	Ant1	5755	46.64	5735.00	5781.64	---	---
	Ant2	5755	50.32	5735.00	5785.32	---	---
	Ant3	5755	46.80	5735.08	5781.88	---	---
	Ant1	5795	39.84	5775.08	5814.92	---	---
	Ant2	5795	39.76	5775.08	5814.84	---	---
	Ant3	5795	39.68	5775.16	5814.84	---	---
11AX80MIMO	Ant1	5210	101.76	5167.44	5269.20	---	---
	Ant2	5210	106.56	5165.20	5271.76	---	---

Ant3	5210	103.36	5164.72	5268.08	---	---
Ant1	5290	96.16	5237.52	5333.68	---	---
Ant2	5290	98.40	5235.60	5334.00	---	---
Ant3	5290	96.80	5238.32	5335.12	---	---
Ant1	5530	94.56	5486.96	5581.52	---	---
Ant2	5530	92.80	5487.44	5580.24	---	---
Ant3	5530	104.00	5486.80	5590.80	---	---
Ant1	5610	80.64	5569.68	5650.32	---	---
Ant2	5610	80.48	5569.68	5650.16	---	---
Ant3	5610	80.80	5569.52	5650.32	---	---
Ant1	5690	80.48	5649.84	5730.32	---	---
Ant2	5690	80.64	5649.68	5730.32	---	---
Ant3	5690	80.64	5649.68	5730.32	---	---
Ant1	5690_UNII-2C	75.16	5649.84	5725	---	---
Ant2	5690_UNII-2C	75.32	5649.68	5725	---	---
Ant3	5690_UNII-2C	75.32	5649.68	5725	---	---
Ant1	5690_UNII-3	5.32	5725	5730.32	---	---
Ant2	5690_UNII-3	5.32	5725	5730.32	---	---
Ant3	5690_UNII-3	5.32	5725	5730.32	---	---
Ant1	5775	80.32	5734.84	5815.16	---	---
Ant2	5775	80.80	5734.52	5815.32	---	---
Ant3	5775	80.48	5734.84	5815.32	---	---

4.5. Test graphs

