



TEST REPORT

No.24T04N002517-006-WLAN 6GHz

for

Datalogic S.r.l.

MOBILE COMPUTER / BARCODE READER

Model Name: AELWF

with

Hardware Version: V3

Software Version: 1.15.000.20241025 release-keys

FCC ID: U4G-AELWF

ISED Number: 3862E-AELWF

Issued Date: 2024-11-28

Designation Number: CN1210

ISED Assigned Code: 23289

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
24T04N002517-006-WLAN 6GHz	Rev.0	1st edition	2024-11-28

Note: the latest revision of the test report supersedes all previous versions.

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1. Summary of Test Report

1.1. Test Items

Description	MOBILE COMPUTER / BARCODE READER
Model Name	AELWF
Applicant's name	Datalogic S.r.l.
Manufacturer's Name	Datalogic S.r.l.

1.2. Test Standards

FCC Part15-2023; ANSI C63.10-2013; RSS-248 Issue 3; RSS-Gen Issue 5 A2; KDB789033-V02r01; KDB 987594-V03;KDB 662911-V02r01.

1.3. Test Result

Pass

Please refer to "5.2. Test Results"

1.4. Testing Location

Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road,
Futian District, Shenzhen, Guangdong, P. R. China 518000

1.5. Project data

Testing Start Date: 2024-10-23
Testing End Date: 2024-11-22

1.6. Signature

Lin Zechuang
(Prepared this test report)

An Ran
(Reviewed this test report)

Zhang Bojun
(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name: Datalogic S.r.l.
Address: Via San Vitalino 13 CALDERARA DI RENO, BO 40012 Italy
Contact Person Ruggero Cacioppo
E-Mail ruggero.cacioppo@datalogic.com
Telephone: +39 0516765611
Fax: /

2.2. Manufacturer Information

Company Name: Datalogic S.r.l.
Address: Via San Vitalino 13 CALDERARA DI RENO, BO 40012 Italy
Contact Person Ruggero Cacioppo
E-Mail ruggero.cacioppo@datalogic.com
Telephone: +39 0516765611
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3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	MOBILE COMPUTER / BARCODE READER
Model Name	AELWF
RF Protocol	IEEE 802.11a/ax-HE20/HE40/HE80/HE160
WLAN Frequency Range	ISM Bands: 5925MHz~6425MHz; 6425MHz~6525MHz; 6525MHz~6875MHz; 6875MHz~7125MHz;
Type of modulation	OFDA/OFDMA
Equipment class	6XD:6 GHz Low power Indoor client (FCC); Low-power client devices (ISED)
Antenna Type	Integrated antenna
Antenna Gain	Antenna 8 = 0.9 dBi; Antenna 9 = 1.4 dBi Directional Gain: 1.4 dBi (see Note2)
Power Supply	3.87V DC by Battery
FCC ID	U4G-AELWF
ISED Number	3862E-AELWF
Condition of EUT as received	No abnormality in appearance

Note1: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

Note2: After confirmation with the customer, the Directional gain = $10\log [(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$ dBi ≈ 1.4 dBi.

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Date of Receipt
UT09aa	X24L00106	V3	1.15.000.20241025 release-keys	2024-10-28
UT01aa	X24L00216	V3	1.15.000.20241025 release-keys	2024-10-28

*EUT ID: is used to identify the test sample in the lab internally.

UT09aa is used for other conduction test, UT01aa is used for radiation test and AC Power line Conducted Emission test.

3.3. Internal Identification of AE

AE No.	Description	AE ID*
AE1	Battery	/
AE2	Charger	/
AE3	Data Cable	/

AE1

Model	AEL-BY-184
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Manufacturer	TWS TECHNOLOGY (GUANGZHOU) LIMITED
Capacity	3870mAh(Min.)/4000mAh(Typ.)
Nominal Voltage	3.87V

AE2

Model	S018BYU12000150; SGVSSDWLC; 2ACP0183C
Manufacturer	Datalogic

AE3

Model	94ACC0327
Manufacturer	Datalogic

*AE ID: is used to identify the test sample in the lab internally.

3.4. General Description

The Equipment under Test (EUT) is a model of MOBILE COMPUTER / BARCODE READER with integrated antenna and battery.

It consists of normal options: Lithium Battery, Charger and USB Cable.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

4. REFERENCE DOCUMENTS

4.1. Documents supplied by applicant

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part15	FCC CFR 47, Part 15, Subpart C FCC CFR 47, Part 15, Subpart E	2023
ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	2013
RSS-248	Radio Local Area Network (RLAN) Devices Operating in the 5925-7125 MHz Band	Issue 3 October 11,2024
RSS-Gen	Spectrum Management and Telecommunications Radio Standards Specification General Requirements for Compliance of Radio Apparatus	Issue 5 February,2021 Amendment 2
KDB 789033	GUIDELINES FOR COMPLIANCE TESTING OF UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE (U-NII) DEVICES PART 15, SUBPART E	V02r01
KDB 987594	Part 15 Subpart E U-NII 6 GHz	V03
KDB 662911	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)	V02r01

5. Test Results

5.1. Testing Environment

Normal Temperature: 15~35°C

Relative Humidity: 20~75%

5.2. Test Results

Abbreviations used in this clause:

P Pass, The EUT complies with the essential requirements in the standard.

F Fail, The EUT does not comply with the essential requirements in the standard

NA Not Applicable, The test was not applicable

No.	Test cases	Sub-clause of FCC	Sub-clause of IC	Verdict
1	Maximum Output Power	15.407(a)	RSS-248 section 4.5	P
2	Power Spectral Density	15.407(a)	RSS-248 section 4.5	P
3	26dB Emission Bandwidth	15.407(a)	RSS-248 section 4.4	P
4	99% Occupied Bandwidth	15.407(a)	RSS-248 section 4.4	/
5	Contention-Based Protocol	15.407(d)	RSS-248 section 4.7	P
6	In-Band Emissions (Channel Mask)	15.407(b)	RSS-248 section 4.6	P
7	Band Edges Compliance	15.407(b)	RSS-248 section 4.6	P
8	Unwanted Spurious Emissions	15.407(b)	RSS-Gen section 4.6	P
9	AC Power line Conducted	15.207	RSS-Gen section 8.8	P
10	Antenna Requirement	15.407(a)	/	P

See **ANNEX A** for details.

5.3. Statements

SAICT has evaluated the test cases requested by the applicant/manufacture as listed in section 5.2 of this report, for the EUT specified in section 3, according to the standards or reference documents listed in section 4.2

Disclaimer:

A. After confirmation with the customer, the sample information provided by the customer may affect the validity of the measurement results in this report, and the impact and consequences arising therefrom shall be borne by the customer.

B. The samples in this report are provided by the customer, and the test results are only applicable to the samples received.

6. Test Equipments Utilized

Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1	Signal Analyzer	N9020B	My60112379	Keysight	2025-08-25	1 year
2	Power Sensor	U2021XA	MY55430013	Keysight	2024-12-27	1 year
3	Data Acquisition	U2531A	TW55443507	Keysight	/	/
4	Vector Signal Generator	SMM200A	110889	Rohde & Schwarz	2025-05-06	1 year
5	Test Receiver	ESCI	100702	Rohde & Schwarz	2025-01-10	1 year
6	LISN	ENV216	102067	Rohde & Schwarz	2024-10-07	1 year
7	Shielding Room	S81	CT000986-1344	ETS-Lindgren	2026-09-12	5 years
8	Master AP	GT-AX11000	MSO-RTAXJF00 (FCC ID)	ASUS	/	/

Radiated test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1	Loop Antenna	HLA6120	35779	TESEQ	2025-05-12	3 years
2	Hybrid antenna	VULB 9163	330	Schwarzbeck	2027-04-21	3 years
3	Horn Antenna	3117	00066577	ETS-Lindgren	2025-04-17	3 years
4	Horn Antenna	QSH-SL-18-26-S-20	17013	Q-par	2026-02-01	3 years
5	Horn Antenna	QSH-SL-8-26-40-K-20	17014	Q-par	2026-01-30	3 years
6	Test Receiver	ESR7	101676	Rohde & Schwarz	2024-11-22	1 year
7	Spectrum Analyzer	FSV40	101192	Rohde & Schwarz	2025-01-10	1 year
8	Chamber	FACT3-2.0	1285	ETS-Lindgren	2025-05-12	2 years
9	Software	EMC32	V10.50.40	R&S	/	/

7. Laboratory Environment

Shielded room

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	> 2M Ω
Ground system resistance	< 4 Ω

Anechoic chamber

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	> 2M Ω
Ground system resistance	< 4 Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3 m distance, from 30 to 1000 MHz
Voltage Standing Wave Ratio (VSWR)	≤ 6 dB, from 1 to 18 GHz, 3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

8. Measurement Uncertainty

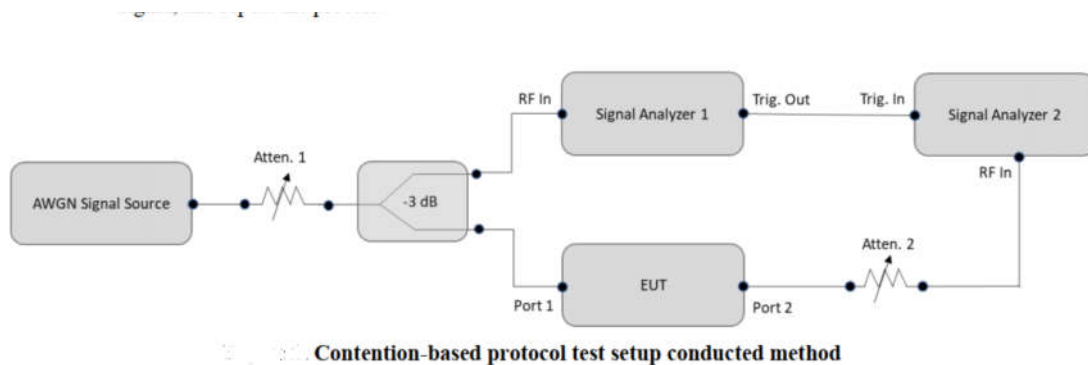
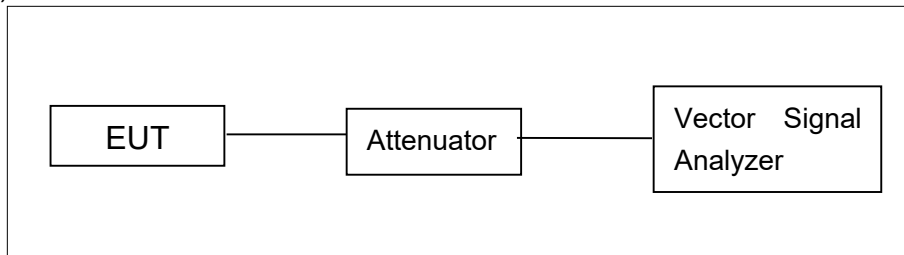
Test Name	Uncertainty ($k=2$)	
1. Maximum output Power	1.36dB	
2. Peak Power Spectral Density	1.36dB	
3. Occupied Bandwidth	4.56kHz	
4. Transmitter Spurious Emission - Conducted	$30\text{MHz} \leq f < 1\text{GHz}$	1.41dB
	$1\text{GHz} \leq f < 7\text{GHz}$	1.92dB
	$7\text{GHz} \leq f < 13\text{GHz}$	2.31dB
	$13\text{GHz} \leq f \leq 20\text{GHz}$	2.61dB
5. Transmitter Spurious Emission - Radiated	$9\text{kHz} \leq f < 30\text{MHz}$	1.74dB
	$30\text{MHz} \leq f < 1\text{GHz}$	4.84dB
	$1\text{GHz} \leq f < 18\text{GHz}$	4.68dB
	$18\text{GHz} \leq f \leq 40\text{GHz}$	3.76dB
6. AC Power line Conducted Emission	$150\text{kHz} \leq f \leq 30\text{MHz}$	3.00dB

ANNEX A: Detailed Test Results

A.1. Measurement Method

1) Conducted Measurements

- 1). Connect the EUT to the test system correctly.
- 2). Set the EUT to the required work mode.
- 3). Set the EUT to the required channel.
- 4). Set the spectrum analyzer to start measurement.
- 5). Record the values.

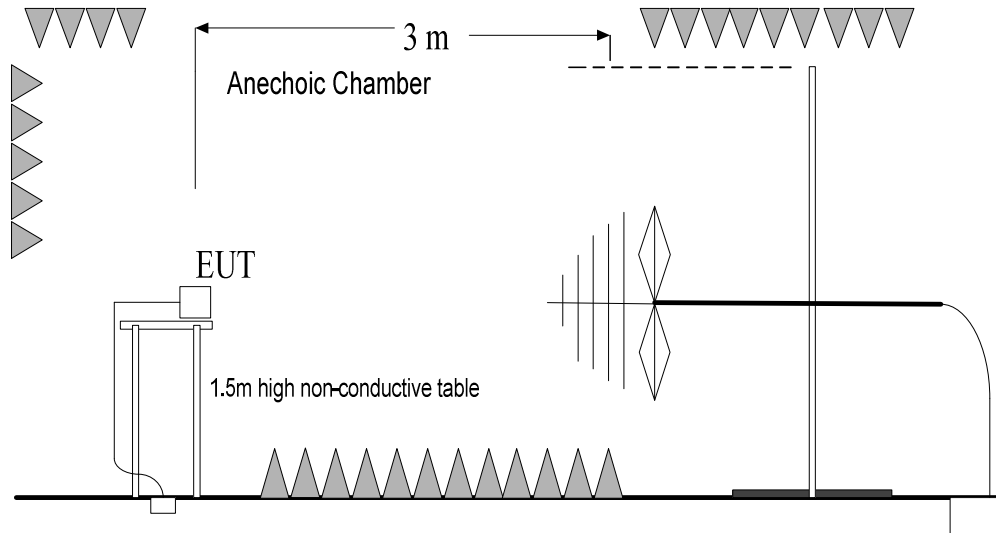


2) Radiated Emission Measurements

Test setup:

9kHz-30MHz:

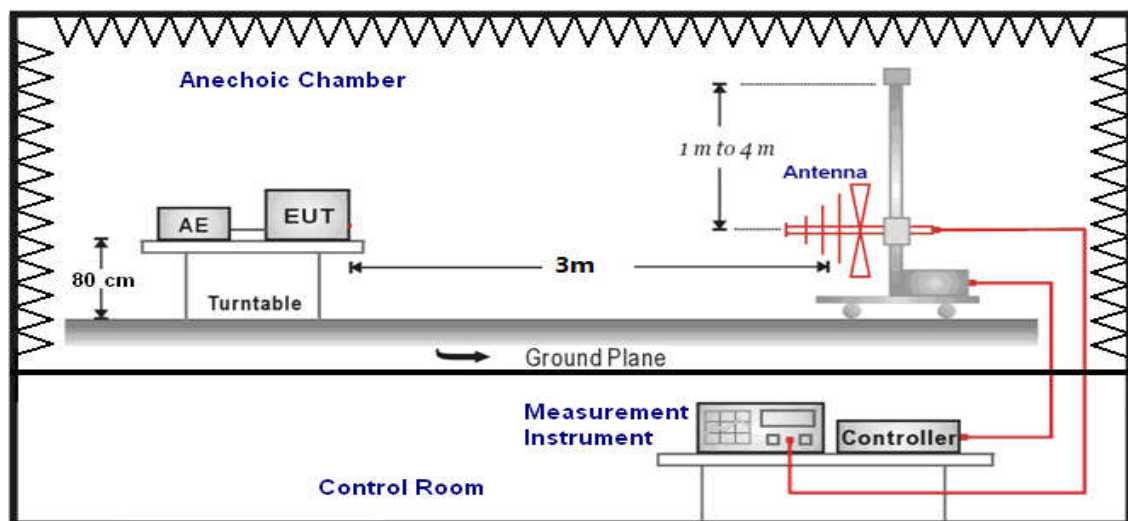
The EUT are measured in a anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving loop antenna is 1.0 meter above the ground. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT and adjusting the receiver antenna polarization.



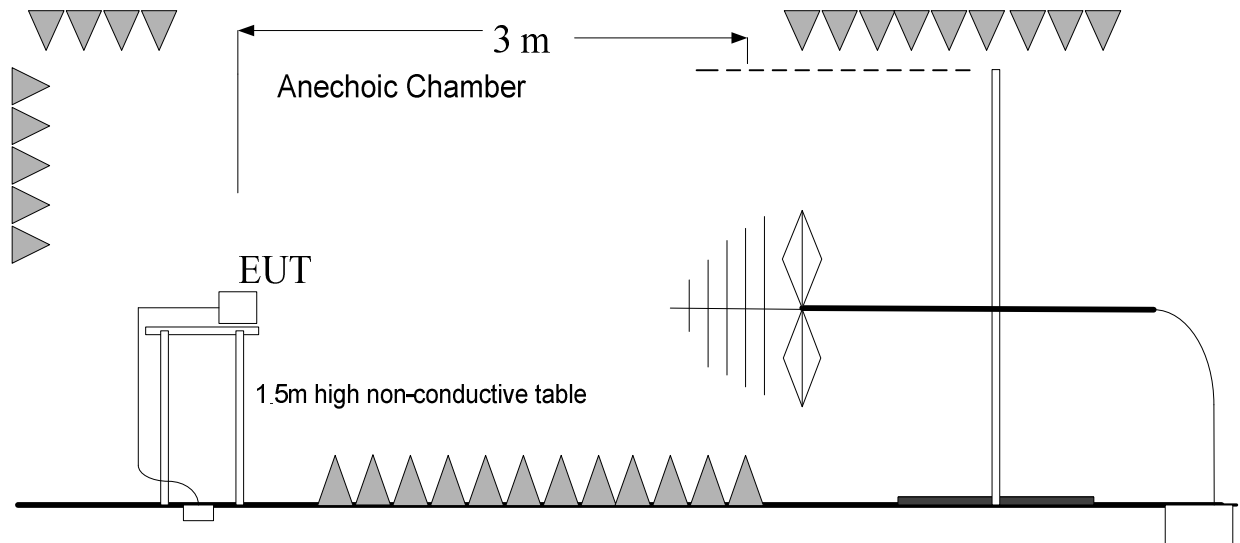
30MHz-40GHz:

The EUT are measured in a anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving antenna is 1.0 meter to 4.0 meter above the ground. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT and adjusting the receiver antenna polarization.

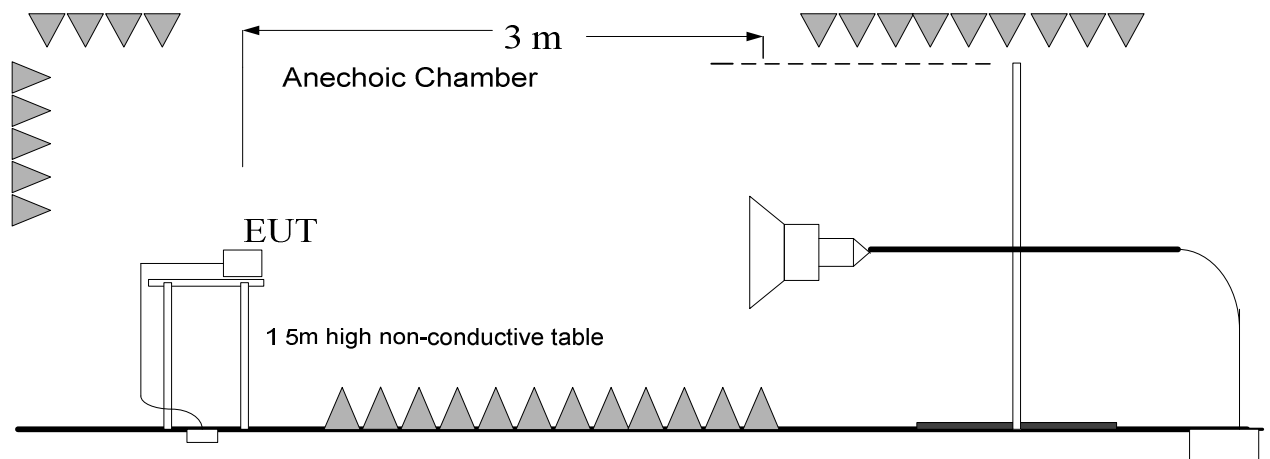
30MHz-1GHz:



1GHz-3GHz:

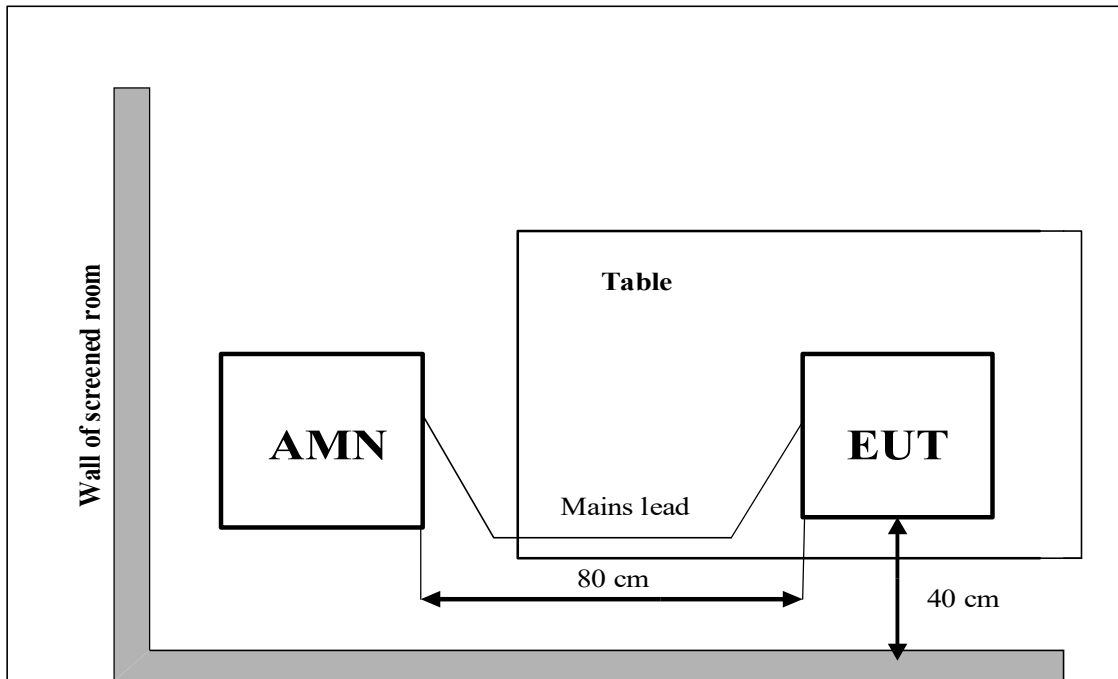


3GHz-40GHz:



3) AC Power line Conducted Emission Measurement

For WLAN, the EUT is working under test mode. The EUT is commanded to operate at maximum transmitting power.



**A.2. Maximum output Power**

Measurement of method: See KDB 789033 D02 Section E.

Measurement Limit and Method:

Standard	Frequency (MHz)	e.i.r.p Limit (dBm)	
		Indoor Client	Standard Client
FCC CRF Part 15.407(a) RSS-248 4.5	5925MHz~6425MHz;	24	30
	6425MHz~6525MHz;		/
	6525MHz~6875MHz;		30
	6875MHz~7125MHz;		/

Measurement Results:

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant8	5955	4.04	0.90	4.94	≤24.00	PASS
	Ant9	5955	3.37	1.40	4.77	≤24.00	PASS
	Ant8	6175	3.71	0.90	4.61	≤24.00	PASS
	Ant9	6175	3.69	1.40	5.09	≤24.00	PASS
	Ant8	6415	3.01	0.90	3.91	≤24.00	PASS
	Ant9	6415	3.06	1.40	4.46	≤24.00	PASS
	Ant8	6435	3.10	0.90	4.00	≤24.00	PASS
	Ant9	6435	2.94	1.40	4.34	≤24.00	PASS
	Ant8	6475	3.80	0.90	4.70	≤24.00	PASS
	Ant9	6475	3.07	1.40	4.40	≤24.00	PASS
	Ant8	6515	3.77	0.90	4.67	≤24.00	PASS
	Ant9	6515	3.97	1.40	5.37	≤24.00	PASS
	Ant8	6535	4.20	0.90	5.10	≤24.00	PASS
	Ant9	6535	4.17	1.40	5.57	≤24.00	PASS
	Ant8	6695	4.04	0.90	4.94	≤24.00	PASS
	Ant9	6695	3.09	1.40	4.49	≤24.00	PASS
	Ant8	6855	4.17	0.90	5.07	≤24.00	PASS
	Ant9	6855	3.97	1.40	5.37	≤24.00	PASS
	Ant8	6875	4.01	0.90	4.91	≤24.00	PASS
	Ant9	6875	3.98	1.40	5.38	≤24.00	PASS
	Ant8	6895	3.63	0.90	4.53	≤24.00	PASS
	Ant9	6895	3.23	1.40	4.63	≤24.00	PASS
	Ant8	6995	3.85	0.90	4.75	≤24.00	PASS
	Ant9	6995	3.85	1.40	5.25	≤24.00	PASS
	Ant8	7115	4.28	0.90	5.18	≤24.00	PASS
	Ant9	7115	3.96	1.40	5.36	≤24.00	PASS



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11AX20	Ant8	5955	4.93	0.90	5.83	≤24.00	PASS
	Ant9	5955	4.14	1.40	5.54	≤24.00	PASS
	total	5955	7.56	1.40	8.96	≤24.00	PASS
	Ant8	6175	4.57	0.90	5.47	≤24.00	PASS
	Ant9	6175	4.56	1.40	5.96	≤24.00	PASS
	total	6175	7.58	1.40	8.98	≤24.00	PASS
	Ant8	6415	3.92	0.90	4.82	≤24.00	PASS
	Ant9	6415	4.15	1.40	5.55	≤24.00	PASS
	total	6415	7.05	1.40	8.45	≤24.00	PASS
	Ant8	6435	3.89	0.90	4.79	≤24.00	PASS
	Ant9	6435	4.18	1.40	5.58	≤24.00	PASS
	total	6435	7.05	1.40	8.45	≤24.00	PASS
	Ant8	6475	4.08	0.90	4.98	≤24.00	PASS
	Ant9	6475	4.17	1.40	5.57	≤24.00	PASS
	total	6475	7.14	1.40	8.54	≤24.00	PASS
	Ant8	6515	3.75	0.90	4.65	≤24.00	PASS
	Ant9	6515	3.89	1.40	5.29	≤24.00	PASS
	total	6515	6.83	1.40	8.23	≤24.00	PASS
	Ant8	6535	4.15	0.90	5.05	≤24.00	PASS
	Ant9	6535	4.25	1.40	5.65	≤24.00	PASS
	total	6535	7.21	1.40	8.61	≤24.00	PASS
	Ant8	6695	4.69	0.90	5.59	≤24.00	PASS
	Ant9	6695	3.88	1.40	5.28	≤24.00	PASS
	total	6695	7.31	1.40	8.71	≤24.00	PASS
	Ant8	6855	3.85	0.90	4.75	≤24.00	PASS
	Ant9	6855	3.85	1.40	5.25	≤24.00	PASS
	total	6855	6.86	1.40	8.26	≤24.00	PASS
	Ant8	6875	3.80	0.90	4.70	≤24.00	PASS
	Ant9	6875	3.88	1.40	5.28	≤24.00	PASS
	total	6875	6.85	1.40	8.25	≤24.00	PASS
	Ant8	6895	3.80	0.90	4.70	≤24.00	PASS
	Ant9	6895	4.04	1.40	5.44	≤24.00	PASS
	total	6895	6.93	1.40	8.33	≤24.00	PASS
	Ant8	6995	3.60	0.90	4.50	≤24.00	PASS
	Ant9	6995	3.70	1.40	5.10	≤24.00	PASS
	total	6995	6.66	1.40	8.06	≤24.00	PASS
	Ant8	7115	-4.38	0.90	-3.48	≤24.00	PASS
	Ant9	7115	-2.66	1.40	-1.26	≤24.00	PASS
	total	7115	-0.43	1.40	0.97	≤24.00	PASS
11AX40	Ant8	5965	7.31	0.90	8.21	≤24.00	PASS
	Ant9	5965	6.37	1.40	7.77	≤24.00	PASS
	total	5965	9.88	1.40	11.28	≤24.00	PASS
	Ant8	6165	7.07	0.90	7.97	≤24.00	PASS



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	Ant9	6165	6.62	1.40	8.02	≤24.00	PASS
	total	6165	7.07	1.40	8.47	≤24.00	PASS
	Ant8	6405	6.32	0.90	7.22	≤24.00	PASS
	Ant9	6405	6.28	1.40	7.68	≤24.00	PASS
	total	6405	9.31	1.40	10.71	≤24.00	PASS
	Ant8	6445	6.27	0.90	7.17	≤24.00	PASS
	Ant9	6445	6.64	1.40	8.04	≤24.00	PASS
	total	6445	9.47	1.40	10.87	≤24.00	PASS
	Ant8	6485	6.24	0.90	7.14	≤24.00	PASS
	Ant9	6485	6.44	1.40	7.84	≤24.00	PASS
	total	6485	9.35	1.40	10.75	≤24.00	PASS
	Ant8	6525	6.06	0.90	6.96	≤24.00	PASS
	Ant9	6525	6.19	1.40	7.59	≤24.00	PASS
	total	6525	9.14	1.40	10.54	≤24.00	PASS
	Ant8	6565	6.63	0.90	7.53	≤24.00	PASS
	Ant9	6565	6.57	1.40	7.97	≤24.00	PASS
	total	6565	9.61	1.40	11.01	≤24.00	PASS
	Ant8	6685	6.87	0.90	7.77	≤24.00	PASS
	Ant9	6685	6.34	1.40	7.74	≤24.00	PASS
	total	6685	9.62	1.40	11.02	≤24.00	PASS
	Ant8	6845	6.86	0.90	7.76	≤24.00	PASS
	Ant9	6845	6.87	1.40	8.27	≤24.00	PASS
	total	6845	9.88	1.40	11.28	≤24.00	PASS
	Ant8	6885	6.33	0.90	7.23	≤24.00	PASS
	Ant9	6885	6.69	1.40	8.09	≤24.00	PASS
	total	6885	9.52	1.40	10.92	≤24.00	PASS
	Ant8	6925	6.27	0.90	7.17	≤24.00	PASS
	Ant9	6925	6.62	1.40	8.02	≤24.00	PASS
	total	6925	9.46	1.40	10.86	≤24.00	PASS
	Ant8	6965	6.32	0.90	7.22	≤24.00	PASS
	Ant9	6965	6.45	1.40	7.85	≤24.00	PASS
	total	6965	9.40	1.40	10.80	≤24.00	PASS
	Ant8	7085	6.59	0.90	7.49	≤24.00	PASS
	Ant9	7085	6.06	1.40	7.46	≤24.00	PASS
	total	7085	9.34	1.40	10.74	≤24.00	PASS
11AX80	Ant8	5985	9.71	0.90	10.61	≤24.00	PASS
	Ant9	5985	8.68	1.40	10.08	≤24.00	PASS
	total	5985	12.24	1.40	13.64	≤24.00	PASS
	Ant8	6145	9.45	0.90	10.35	≤24.00	PASS
	Ant9	6145	9.02	1.40	10.42	≤24.00	PASS
	total	6145	12.25	1.40	13.65	≤24.00	PASS
	Ant8	6385	8.78	0.90	9.68	≤24.00	PASS
	Ant9	6385	8.91	1.40	10.31	≤24.00	PASS



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	total	6385	11.86	1.40	13.26	≤24.00	PASS
	Ant8	6465	8.62	0.90	9.52	≤24.00	PASS
	Ant9	6465	9.14	1.40	10.54	≤24.00	PASS
	total	6465	11.90	1.40	13.30	≤24.00	PASS
	Ant8	6545	8.49	0.90	9.39	≤24.00	PASS
	Ant9	6545	8.74	1.40	10.14	≤24.00	PASS
	total	6545	11.63	1.40	13.03	≤24.00	PASS
	Ant8	6625	8.82	0.90	9.72	≤24.00	PASS
	Ant9	6625	8.94	1.40	10.34	≤24.00	PASS
	total	6625	11.89	1.40	13.29	≤24.00	PASS
	Ant8	6705	9.27	0.90	10.17	≤24.00	PASS
	Ant9	6705	8.90	1.40	10.30	≤24.00	PASS
	total	6705	12.10	1.40	13.50	≤24.00	PASS
	Ant8	6785	8.78	0.90	9.68	≤24.00	PASS
	Ant9	6785	9.04	1.40	10.44	≤24.00	PASS
	total	6785	11.92	1.40	13.32	≤24.00	PASS
	Ant8	6865	8.35	0.90	9.25	≤24.00	PASS
	Ant9	6865	9.32	1.40	10.72	≤24.00	PASS
	total	6865	11.87	1.40	13.27	≤24.00	PASS
	Ant8	6945	7.97	0.90	8.87	≤24.00	PASS
	Ant9	6945	9.56	1.40	10.96	≤24.00	PASS
	total	6945	11.85	1.40	13.25	≤24.00	PASS
	Ant8	7025	8.64	0.90	9.54	≤24.00	PASS
	Ant9	7025	9.17	1.40	10.57	≤24.00	PASS
	total	7025	11.92	1.40	13.32	≤24.00	PASS
11AX160	Ant8	6025	10.34	0.90	11.24	≤24.00	PASS
	Ant9	6025	9.76	1.40	11.16	≤24.00	PASS
	total	6025	13.07	1.40	14.47	≤24.00	PASS
	Ant8	6185	10.37	0.90	11.27	≤24.00	PASS
	Ant9	6185	10.47	1.40	11.87	≤24.00	PASS
	total	6185	13.43	1.40	14.83	≤24.00	PASS
	Ant8	6345	9.61	0.90	10.51	≤24.00	PASS
	Ant9	6345	9.51	1.40	10.91	≤24.00	PASS
	total	6345	12.57	1.40	13.97	≤24.00	PASS
	Ant8	6505	9.77	0.90	10.67	≤24.00	PASS
	Ant9	6505	10.42	1.40	11.82	≤24.00	PASS
	total	6505	13.12	1.40	14.52	≤24.00	PASS
	Ant8	6665	9.78	0.90	10.68	≤24.00	PASS
	Ant9	6665	10.28	1.40	11.68	≤24.00	PASS
	total	6665	13.05	1.40	14.45	≤24.00	PASS
	Ant8	6825	10.53	0.90	11.43	≤24.00	PASS
	Ant9	6825	10.61	1.40	12.01	≤24.00	PASS
	total	6825	13.58	1.40	14.98	≤24.00	PASS



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	Ant9	6985	10.71	1.40	12.11	≤24.00	PASS
	total	6985	13.40	1.40	14.80	≤24.00	PASS
	Ant8	6985	10.05	0.90	10.95	≤24.00	PASS

Test Mode	Antenna	Frequency [MHz]	Ru Size	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20 (Partial RU)	Ant8	5955	26Tone	-3.46	0.90	-2.56	≤24.00	PASS
	Ant9	5955	26Tone	-5.10	1.40	-3.70	≤24.00	PASS
	total	5955	26Tone	-1.19	1.40	0.21	≤24.00	PASS
	Ant8	5955	52Tone	-0.46	0.90	0.15	≤24.00	PASS
	Ant9	5955	52Tone	-2.52	1.40	-1.12	≤24.00	PASS
	total	5955	52Tone	1.46	1.40	2.86	≤24.00	PASS
	Ant8	5955	106Tone	-3.11	0.90	-2.21	≤24.00	PASS
	Ant9	5955	106Tone	-1.87	1.40	-0.47	≤24.00	PASS
	total	5955	106Tone	0.56	1.40	1.96	≤24.00	PASS
	Ant8	6175	26Tone	-4.01	0.90	-3.11	≤24.00	PASS
	Ant9	6175	26Tone	-5.41	1.40	-4.01	≤24.00	PASS
	total	6175	26Tone	-1.64	1.40	-0.24	≤24.00	PASS
	Ant8	6175	52Tone	-1.16	0.90	-0.26	≤24.00	PASS
	Ant9	6175	52Tone	-2.57	1.40	-1.17	≤24.00	PASS
	total	6175	52Tone	1.20	1.40	2.60	≤24.00	PASS
	Ant8	6175	106Tone	-4.33	0.90	-3.43	≤24.00	PASS
	Ant9	6175	106Tone	-1.62	1.40	-0.22	≤24.00	PASS
	total	6175	106Tone	0.24	1.40	1.64	≤24.00	PASS
	Ant8	6415	26Tone	-3.51	0.90	-2.61	≤24.00	PASS
	Ant9	6415	26Tone	-4.63	1.40	-3.23	≤24.00	PASS
	total	6415	26Tone	-1.02	1.40	0.38	≤24.00	PASS
	Ant8	6415	52Tone	-1.63	0.90	-0.73	≤24.00	PASS
	Ant9	6415	52Tone	-2.45	1.40	-1.05	≤24.00	PASS
	total	6415	52Tone	0.99	1.40	2.39	≤24.00	PASS
	Ant8	6415	106Tone	-3.13	0.90	-2.23	≤24.00	PASS
	Ant9	6415	106Tone	-1.08	1.40	0.32	≤24.00	PASS
	total	6415	106Tone	1.03	1.40	2.43	≤24.00	PASS
	Ant8	6435	26Tone	-4.64	0.90	-3.74	≤24.00	PASS
	Ant9	6435	26Tone	-5.20	1.40	-3.80	≤24.00	PASS
	total	6435	26Tone	-1.90	1.40	-0.50	≤24.00	PASS
	Ant8	6435	52Tone	-1.56	0.90	-0.66	≤24.00	PASS
	Ant9	6435	52Tone	-2.32	1.40	-0.92	≤24.00	PASS
	total	6435	52Tone	1.09	1.40	2.49	≤24.00	PASS
	Ant8	6435	106Tone	-3.41	0.90	-2.51	≤24.00	PASS
	Ant9	6435	106Tone	-1.38	1.40	0.02	≤24.00	PASS



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	total	6435	106Tone	0.73	1.40	2.13	≤24.00	PASS
	Ant8	6475	26Tone	-3.95	0.90	-3.05	≤24.00	PASS
	Ant9	6475	26Tone	-5.07	1.40	-3.67	≤24.00	PASS
	total	6475	26Tone	-1.46	1.40	-0.06	≤24.00	PASS
	Ant8	6475	52Tone	-1.01	0.90	-0.11	≤24.00	PASS
	Ant9	6475	52Tone	-2.21	1.40	-0.81	≤24.00	PASS
	total	6475	52Tone	1.44	1.40	2.84	≤24.00	PASS
	Ant8	6475	106Tone	-2.53	0.90	-1.63	≤24.00	PASS
	Ant9	6475	106Tone	-1.29	1.40	0.11	≤24.00	PASS
	total	6475	106Tone	1.14	1.40	2.54	≤24.00	PASS
	Ant8	6515	26Tone	-4.08	0.90	-3.18	≤24.00	PASS
	Ant9	6515	26Tone	-5.22	1.40	-3.82	≤24.00	PASS
	total	6515	26Tone	-1.60	1.40	-0.20	≤24.00	PASS
	Ant8	6515	52Tone	-1.14	0.90	-0.24	≤24.00	PASS
	Ant9	6515	52Tone	-2.28	1.40	-0.88	≤24.00	PASS
	total	6515	52Tone	1.34	1.40	2.74	≤24.00	PASS
	Ant8	6515	106Tone	-1.82	0.90	-0.92	≤24.00	PASS
	Ant9	6515	106Tone	-1.35	1.40	0.05	≤24.00	PASS
	total	6515	106Tone	1.43	1.40	2.83	≤24.00	PASS
	Ant8	6535	26Tone	-3.79	0.90	-2.89	≤24.00	PASS
	Ant9	6535	26Tone	-4.88	1.40	-3.48	≤24.00	PASS
	total	6535	26Tone	-1.29	1.40	0.11	≤24.00	PASS
	Ant8	6535	52Tone	-1.35	0.90	0.45	≤24.00	PASS
	Ant9	6535	52Tone	-2.56	1.40	1.16	≤24.00	PASS
	total	6535	52Tone	1.10	1.40	2.50	≤24.00	PASS
	Ant8	6535	106Tone	-1.15	0.90	-0.25	≤24.00	PASS
	Ant9	6535	106Tone	-0.88	1.40	0.52	≤24.00	PASS
	total	6535	106Tone	2.00	1.40	3.40	≤24.00	PASS
	Ant8	6695	26Tone	-3.90	0.90	-3.00	≤24.00	PASS
	Ant9	6695	26Tone	-5.03	1.40	-2.53	≤24.00	PASS
	total	6695	26Tone	-1.42	1.40	-0.02	≤24.00	PASS
	Ant8	6695	52Tone	-0.90	0.90	0.00	≤24.00	PASS
	Ant9	6695	52Tone	-2.15	1.40	-0.75	≤24.00	PASS
	total	6695	52Tone	1.53	1.40	2.93	≤24.00	PASS
	Ant8	6695	106Tone	-1.51	0.90	-0.61	≤24.00	PASS
	Ant9	6695	106Tone	-1.55	1.40	-0.15	≤24.00	PASS
	total	6695	106Tone	1.48	1.40	2.88	≤24.00	PASS
	Ant8	6855	26Tone	-3.92	0.90	-3.02	≤24.00	PASS
	Ant9	6855	26Tone	-4.89	1.40	-3.49	≤24.00	PASS
	total	6855	26Tone	-1.37	1.40	0.03	≤24.00	PASS
	Ant8	6855	52Tone	-1.05	0.90	-0.15	≤24.00	PASS
	Ant9	6855	52Tone	-2.23	1.40	-0.83	≤24.00	PASS
	total	6855	52Tone	1.41	1.40	2.81	≤24.00	PASS

Ant8	6855	106Tone	-1.08	0.90	-0.18	≤24.00	PASS
Ant9	6855	106Tone	-1.72	1.40	-0.32	≤24.00	PASS
total	6855	106Tone	1.62	1.40	3.02	≤24.00	PASS
Ant8	6875	26Tone	-4.63	0.90	-3.73	≤24.00	PASS
Ant9	6875	26Tone	-5.49	1.40	-4.09	≤24.00	PASS
total	6875	26Tone	-2.03	1.40	-0.63	≤24.00	PASS
Ant8	6875	52Tone	-1.16	0.90	-0.26	≤24.00	PASS
Ant9	6875	52Tone	-2.27	1.40	-0.87	≤24.00	PASS
total	6875	52Tone	1.33	1.40	2.73	≤24.00	PASS
Ant8	6875	106Tone	-1.45	0.90	-0.55	≤24.00	PASS
Ant9	6875	106Tone	-1.74	1.40	-0.34	≤24.00	PASS
total	6875	106Tone	1.42	1.40	2.82	≤24.00	PASS
Ant8	6895	26Tone	-4.05	0.90	-3.15	≤24.00	PASS
Ant9	6895	26Tone	-4.82	1.40	-3.42	≤24.00	PASS
total	6895	26Tone	-1.41	1.40	-0.01	≤24.00	PASS
Ant8	6895	52Tone	-1.66	0.90	-0.76	≤24.00	PASS
Ant9	6895	52Tone	-2.51	1.40	-1.11	≤24.00	PASS
total	6895	52Tone	0.95	1.40	2.35	≤24.00	PASS
Ant8	6895	106Tone	-2.13	0.90	-1.23	≤24.00	PASS
Ant9	6895	106Tone	-2.01	1.40	-0.61	≤24.00	PASS
total	6895	106Tone	0.94	1.40	2.34	≤24.00	PASS
Ant8	6995	26Tone	-4.22	0.90	-3.32	≤24.00	PASS
Ant9	6995	26Tone	-5.32	1.40	-3.92	≤24.00	PASS
total	6995	26Tone	-1.72	1.40	-0.32	≤24.00	PASS
Ant8	6995	52Tone	-1.23	0.90	-0.33	≤24.00	PASS
Ant9	6995	52Tone	-2.23	1.40	-0.83	≤24.00	PASS
total	6995	52Tone	1.31	1.40	2.71	≤24.00	PASS
Ant8	6995	106Tone	-1.35	0.90	0.45	≤24.00	PASS
Ant9	6995	106Tone	-2.40	1.40	1.00	≤24.00	PASS
total	6995	106Tone	1.17	1.40	2.57	≤24.00	PASS
Ant8	7115	26Tone	-3.99	0.90	-3.09	≤24.00	PASS
Ant9	7115	26Tone	-5.06	1.40	-3.66	≤24.00	PASS
total	7115	26Tone	-1.48	1.40	-0.08	≤24.00	PASS
Ant8	7115	52Tone	-1.25	0.90	-0.35	≤24.00	PASS
Ant9	7115	52Tone	-2.05	1.40	-0.65	≤24.00	PASS
total	7115	52Tone	1.38	1.40	2.78	≤24.00	PASS
Ant8	7115	106Tone	-7.52	0.90	6.62	≤24.00	PASS
Ant9	7115	106Tone	-8.62	1.40	7.22	≤24.00	PASS
total	7115	106Tone	-5.02	1.40	3.64	≤24.00	PASS

Note: The data rate 6Mbps (11a mode) and MCS0 (11ax mode) is selected as the maximum power are got with these data rate. The Full RU of 802.11ax is the type with maximum outpower level and full RU PSD> Partial RU PSD.The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.



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E.I.R.P value = Conducted values (with conducted samples) + Antenna Gain.

Conclusion: PASS

**A.3. Power Spectral Density (conducted)**

Measurement of method: See KDB 789033 D02 Section F.

Measurement Limit:

Standard	Frequency (MHz)	e.i.r.p Limit (dBm/MHz)	
		Indoor Client	Standard Client
FCC CRF Part 15.407(a) RSS-248 4.5	5925MHz~6425MHz;	-1	5
	6425MHz~6525MHz;		/
	6525MHz~6875MHz;		5
	6875MHz~7125MHz;		/

Measurement Results:

Full RU:

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant8	5955	-5.66	0.90	-4.76	≤-1.00	PASS
	Ant9	5955	-6.61	1.40	-5.21	≤-1.00	PASS
	Ant8	6175	-6.03	0.90	-5.13	≤-1.00	PASS
	Ant9	6175	-5.90	1.40	-4.50	≤-1.00	PASS
	Ant8	6415	-6.79	0.90	-5.89	≤-1.00	PASS
	Ant9	6415	-6.55	1.40	-5.15	≤-1.00	PASS
	Ant8	6435	-6.59	0.90	-5.69	≤-1.00	PASS
	Ant9	6435	-6.72	1.40	-5.32	≤-1.00	PASS
	Ant8	6475	-5.83	0.90	-4.93	≤-1.00	PASS
	Ant9	6475	-6.73	1.40	-5.33	≤-1.00	PASS
	Ant8	6515	-5.97	0.90	-5.07	≤-1.00	PASS
	Ant9	6515	-5.64	1.40	-4.24	≤-1.00	PASS
	Ant8	6535	-5.58	0.90	-4.68	≤-1.00	PASS
	Ant9	6535	-5.65	1.40	-4.25	≤-1.00	PASS
	Ant8	6695	-5.57	0.90	-4.67	≤-1.00	PASS
	Ant9	6695	-6.68	1.40	-5.28	≤-1.00	PASS
	Ant8	6855	-5.61	0.90	-4.71	≤-1.00	PASS
	Ant9	6855	-5.89	1.40	-4.49	≤-1.00	PASS
	Ant8	6875	-5.68	0.90	-4.78	≤-1.00	PASS
	Ant9	6875	-5.72	1.40	-4.32	≤-1.00	PASS
	Ant8	6895	-5.89	0.90	-4.99	≤-1.00	PASS
	Ant9	6895	-6.49	1.40	-5.09	≤-1.00	PASS
	Ant8	6995	-5.86	0.90	-4.96	≤-1.00	PASS
	Ant9	6995	-5.86	1.40	-4.46	≤-1.00	PASS
	Ant8	7115	-5.28	0.90	-4.38	≤-1.00	PASS
	Ant9	7115	-5.88	1.40	-4.48	≤-1.00	PASS



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11AX20	Ant8	5955	-5.24	0.90	-4.34	≤ -1.00	PASS
	Ant9	5955	-6.08	1.40	-4.68	≤ -1.00	PASS
	total	5955	-2.63	1.40	-1.23	≤ -1.00	PASS
	Ant8	6175	-6.32	0.90	-5.42	≤ -1.00	PASS
	Ant9	6175	-7.41	1.40	-6.01	≤ -1.00	PASS
	total	6175	3.82	1.40	-2.42	≤ -1.00	PASS
	Ant8	6415	-6.28	0.90	-5.38	≤ -1.00	PASS
	Ant9	6415	-5.89	1.40	-4.49	≤ -1.00	PASS
	total	6415	-3.07	1.40	-1.67	≤ -1.00	PASS
	Ant8	6435	-6.16	0.90	-5.26	≤ -1.00	PASS
	Ant9	6435	-6.03	1.40	-4.63	≤ -1.00	PASS
	total	6435	-3.08	1.40	-1.68	≤ -1.00	PASS
	Ant8	6475	-6.04	0.90	-5.14	≤ -1.00	PASS
	Ant9	6475	-5.98	1.40	-4.58	≤ -1.00	PASS
	total	6475	-3.00	1.40	-1.60	≤ -1.00	PASS
	Ant8	6515	-6.44	0.90	-5.54	≤ -1.00	PASS
	Ant9	6515	-5.97	1.40	-4.57	≤ -1.00	PASS
	total	6515	-3.19	1.40	-1.79	≤ -1.00	PASS
	Ant8	6535	-5.97	0.90	-5.07	≤ -1.00	PASS
	Ant9	6535	-5.65	1.40	-4.25	≤ -1.00	PASS
	total	6535	-2.80	1.40	-1.40	≤ -1.00	PASS
	Ant8	6695	-5.35	0.90	-4.45	≤ -1.00	PASS
	Ant9	6695	-5.97	1.40	-4.57	≤ -1.00	PASS
	total	6695	-2.64	1.40	-1.24	≤ -1.00	PASS
	Ant8	6855	-6.14	0.90	-5.24	≤ -1.00	PASS
	Ant9	6855	-6.12	1.40	-4.72	≤ -1.00	PASS
	total	6855	-3.12	1.40	-1.72	≤ -1.00	PASS
	Ant8	6875	-6.24	0.90	-5.34	≤ -1.00	PASS
	Ant9	6875	-6.17	1.40	-4.77	≤ -1.00	PASS
	total	6875	-3.19	1.40	-1.79	≤ -1.00	PASS
	Ant8	6895	-6.23	0.90	-5.33	≤ -1.00	PASS
	Ant9	6895	-5.91	1.40	-4.51	≤ -1.00	PASS
	total	6895	-3.06	1.40	-1.66	≤ -1.00	PASS
	Ant8	6995	-6.50	0.90	-5.60	≤ -1.00	PASS
	Ant9	6995	-6.12	1.40	-4.72	≤ -1.00	PASS
	total	6995	-3.30	1.40	-1.90	≤ -1.00	PASS
	Ant8	7115	-14.42	0.90	-13.52	≤ -1.00	PASS
	Ant9	7115	-12.69	1.40	-11.29	≤ -1.00	PASS
	total	7115	-10.46	1.40	-9.06	≤ -1.00	PASS



Partial RU:

Test Mode	Antenna	Frequency [MHz]	RU Size	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20 (Partial RU)	Ant8	5955	26Tone	-6.07	0.90	-5.17	≤ -1.00	PASS
	Ant9	5955	26Tone	-7.53	1.40	-6.13	≤ -1.00	PASS
	total	5955	26Tone	-3.73	1.40	-2.33	≤ -1.00	PASS
	Ant8	5955	52Tone	-6.09	0.90	-5.19	≤ -1.00	PASS
	Ant9	5955	52Tone	-7.29	1.40	-5.89	≤ -1.00	PASS
	total	5955	52Tone	-3.64	1.40	-2.24	≤ -1.00	PASS
	Ant8	5955	106Tone	-11.20	0.90	-10.30	≤ -1.00	PASS
	Ant9	5955	106Tone	-10.16	1.40	-8.76	≤ -1.00	PASS
	total	5955	106Tone	-7.64	1.40	-6.24	≤ -1.00	PASS
	Ant8	6175	26Tone	-6.41	0.90	-5.51	≤ -1.00	PASS
	Ant9	6175	26Tone	-7.98	1.40	-6.58	≤ -1.00	PASS
	total	6175	26Tone	-4.11	1.40	-2.71	≤ -1.00	PASS
	Ant8	6175	52Tone	-6.39	0.90	-5.49	≤ -1.00	PASS
	Ant9	6175	52Tone	-7.86	1.40	-6.46	≤ -1.00	PASS
	total	6175	52Tone	-4.05	1.40	-2.65	≤ -1.00	PASS
	Ant8	6175	106Tone	-12.57	0.90	-11.67	≤ -1.00	PASS
	Ant9	6175	106Tone	-9.90	1.40	-8.50	≤ -1.00	PASS
	total	6175	106Tone	-8.02	1.40	-6.62	≤ -1.00	PASS
	Ant8	6415	26Tone	-5.91	0.90	-5.01	≤ -1.00	PASS
	Ant9	6415	26Tone	-7.02	1.40	-5.62	≤ -1.00	PASS
	total	6415	26Tone	-3.42	1.40	-2.02	≤ -1.00	PASS
	Ant8	6415	52Tone	-6.85	0.90	-5.95	≤ -1.00	PASS
	Ant9	6415	52Tone	-7.23	1.40	-5.83	≤ -1.00	PASS
	total	6415	52Tone	-4.03	1.40	-2.63	≤ -1.00	PASS
	Ant8	6415	106Tone	-11.24	0.90	-10.34	≤ -1.00	PASS
	Ant9	6415	106Tone	-9.06	1.40	-7.66	≤ -1.00	PASS
	total	6415	106Tone	-7.00	1.40	-5.60	≤ -1.00	PASS
	Ant8	6435	26Tone	-7.18	0.90	-6.28	≤ -1.00	PASS
	Ant9	6435	26Tone	-7.72	1.40	-6.32	≤ -1.00	PASS
	total	6435	26Tone	-4.43	1.40	-3.03	≤ -1.00	PASS
	Ant8	6435	52Tone	-6.76	0.90	-5.86	≤ -1.00	PASS
	Ant9	6435	52Tone	-7.31	1.40	-5.91	≤ -1.00	PASS
	total	6435	52Tone	-4.02	1.40	-2.62	≤ -1.00	PASS
	Ant8	6435	106Tone	-11.50	0.90	-10.60	≤ -1.00	PASS
	Ant9	6435	106Tone	-9.50	1.40	-8.10	≤ -1.00	PASS
	total	6435	106Tone	-7.38	1.40	-5.98	≤ -1.00	PASS
	Ant8	6475	26Tone	-6.31	0.90	-5.41	≤ -1.00	PASS
	Ant9	6475	26Tone	-7.61	1.40	-6.21	≤ -1.00	PASS
	total	6475	26Tone	-3.90	1.40	-2.50	≤ -1.00	PASS



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	Ant8	6475	52Tone	-6.37	0.90	-5.47	≤ -1.00	PASS
	Ant9	6475	52Tone	-7.39	1.40	-5.99	≤ -1.00	PASS
	total	6475	52Tone	-3.84	1.40	-2.44	≤ -1.00	PASS
	Ant8	6475	106Tone	-10.56	0.90	-9.66	≤ -1.00	PASS
	Ant9	6475	106Tone	-9.37	1.40	-7.97	≤ -1.00	PASS
	total	6475	106Tone	-6.91	1.40	-5.51	≤ -1.00	PASS
	Ant8	6515	26Tone	-6.38	0.90	-5.48	≤ -1.00	PASS
	Ant9	6515	26Tone	-7.60	1.40	-6.20	≤ -1.00	PASS
	total	6515	26Tone	-3.94	1.40	-2.54	≤ -1.00	PASS
	Ant8	6515	52Tone	-6.10	0.90	-5.20	≤ -1.00	PASS
	Ant9	6515	52Tone	-7.54	1.40	-6.14	≤ -1.00	PASS
	total	6515	52Tone	-3.75	1.40	-2.35	≤ -1.00	PASS
	Ant8	6515	106Tone	-9.66	0.90	-8.76	≤ -1.00	PASS
	Ant9	6515	106Tone	-9.32	1.40	-7.92	≤ -1.00	PASS
	total	6515	106Tone	-6.48	1.40	-5.08	≤ -1.00	PASS
	Ant8	6535	26Tone	-6.11	0.90	-5.21	≤ -1.00	PASS
	Ant9	6535	26Tone	-7.16	1.40	-5.76	≤ -1.00	PASS
	total	6535	26Tone	-3.59	1.40	-2.19	≤ -1.00	PASS
	Ant8	6535	52Tone	-6.44	0.90	-5.54	≤ -1.00	PASS
	Ant9	6535	52Tone	-7.42	1.40	-6.02	≤ -1.00	PASS
	total	6535	52Tone	-3.89	1.40	-2.49	≤ -1.00	PASS
	Ant8	6535	106Tone	-9.34	0.90	-8.44	≤ -1.00	PASS
	Ant9	6535	106Tone	-9.04	1.40	-7.64	≤ -1.00	PASS
	total	6535	106Tone	-6.18	1.40	-4.78	≤ -1.00	PASS
	Ant8	6695	26Tone	-6.35	0.90	-5.45	≤ -1.00	PASS
	Ant9	6695	26Tone	-7.59	1.40	-8.99	≤ -1.00	PASS
	total	6695	26Tone	-3.92	1.40	-2.52	≤ -1.00	PASS
	Ant8	6695	52Tone	-6.04	0.90	-5.14	≤ -1.00	PASS
	Ant9	6695	52Tone	-7.42	1.40	-6.02	≤ -1.00	PASS
	total	6695	52Tone	-3.67	1.40	-2.27	≤ -1.00	PASS
	Ant8	6695	106Tone	-9.69	0.90	-8.79	≤ -1.00	PASS
	Ant9	6695	106Tone	-9.62	1.40	-8.22	≤ -1.00	PASS
	total	6695	106Tone	-6.64	1.40	-5.24	≤ -1.00	PASS
	Ant8	6855	26Tone	-6.15	0.90	-5.25	≤ -1.00	PASS
	Ant9	6855	26Tone	-7.36	1.40	-5.96	≤ -1.00	PASS
	total	6855	26Tone	-3.70	1.40	-2.30	≤ -1.00	PASS
	Ant8	6855	52Tone	-6.52	0.90	-5.62	≤ -1.00	PASS
	Ant9	6855	52Tone	-7.37	1.40	-5.97	≤ -1.00	PASS
	total	6855	52Tone	-3.91	1.40	-2.51	≤ -1.00	PASS
	Ant8	6855	106Tone	-9.11	0.90	-8.21	≤ -1.00	PASS
	Ant9	6855	106Tone	-9.95	1.40	-8.55	≤ -1.00	PASS
	total	6855	106Tone	-6.50	1.40	-5.10	≤ -1.00	PASS
	Ant8	6875	26Tone	-7.38	0.90	-6.48	≤ -1.00	PASS



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	Ant9	6875	26Tone	-7.94	1.40	-6.54	≤ -1.00	PASS
	total	6875	26Tone	-4.64	1.40	-3.24	≤ -1.00	PASS
	Ant8	6875	52Tone	-6.39	0.90	-5.49	≤ -1.00	PASS
	Ant9	6875	52Tone	-7.29	1.40	-5.89	≤ -1.00	PASS
	total	6875	52Tone	-3.81	1.40	-2.41	≤ -1.00	PASS
	Ant8	6875	106Tone	-9.56	0.90	-8.66	≤ -1.00	PASS
	Ant9	6875	106Tone	-9.79	1.40	-8.39	≤ -1.00	PASS
	total	6875	106Tone	-6.66	1.40	-5.26	≤ -1.00	PASS
	Ant8	6895	26Tone	-6.12	0.90	-5.22	≤ -1.00	PASS
	Ant9	6895	26Tone	-7.48	1.40	-6.08	≤ -1.00	PASS
	total	6895	26Tone	-3.74	1.40	-2.34	≤ -1.00	PASS
	Ant8	6895	52Tone	-7.10	0.90	-6.20	≤ -1.00	PASS
	Ant9	6895	52Tone	-7.79	1.40	-6.39	≤ -1.00	PASS
	total	6895	52Tone	-4.42	1.40	-3.02	≤ -1.00	PASS
	Ant8	6895	106Tone	-10.21	0.90	-9.31	≤ -1.00	PASS
	Ant9	6895	106Tone	-10.14	1.40	-8.74	≤ -1.00	PASS
	total	6895	106Tone	-7.16	1.40	-5.76	≤ -1.00	PASS
	Ant8	6995	26Tone	-6.72	0.90	-5.82	≤ -1.00	PASS
	Ant9	6995	26Tone	-7.50	1.40	-6.10	≤ -1.00	PASS
	total	6995	26Tone	-4.08	1.40	-2.68	≤ -1.00	PASS
	Ant8	6995	52Tone	-6.48	0.90	-5.58	≤ -1.00	PASS
	Ant9	6995	52Tone	-7.39	1.40	-5.99	≤ -1.00	PASS
	total	6995	52Tone	-3.90	1.40	-2.50	≤ -1.00	PASS
	Ant8	6995	106Tone	-9.33	0.90	-8.43	≤ -1.00	PASS
	Ant9	6995	106Tone	-10.71	1.40	-9.31	≤ -1.00	PASS
	total	6995	106Tone	-6.96	1.40	-5.56	≤ -1.00	PASS
	Ant8	7115	26Tone	-15.31	0.90	-14.41	≤ -1.00	PASS
	Ant9	7115	26Tone	-16.21	1.40	-14.81	≤ -1.00	PASS
	total	7115	26Tone	-12.73	1.40	-11.33	≤ -1.00	PASS
	Ant8	7115	52Tone	-15.22	0.90	-14.32	≤ -1.00	PASS
	Ant9	7115	52Tone	-16.31	1.40	-14.91	≤ -1.00	PASS
	total	7115	52Tone	-12.72	1.40	-11.32	≤ -1.00	PASS
	Ant8	7115	106Tone	-15.58	0.90	-14.68	≤ -1.00	PASS
	Ant9	7115	106Tone	-16.80	1.40	-15.40	≤ -1.00	PASS
	total	7115	106Tone	-13.14	1.40	-11.74	≤ -1.00	PASS

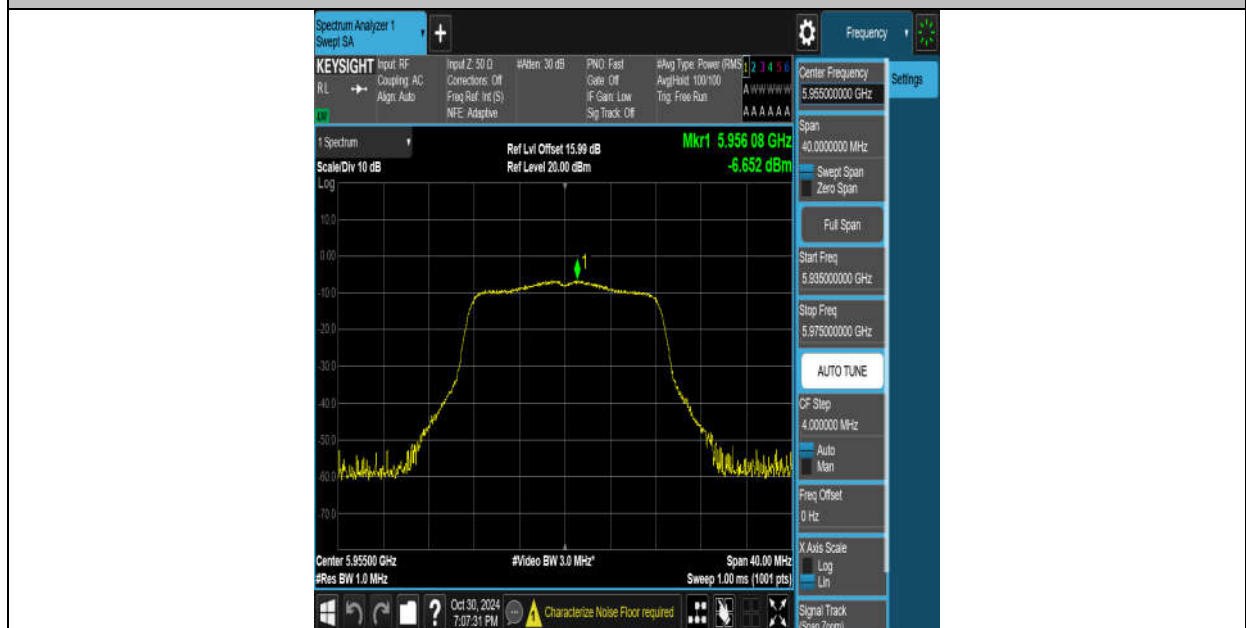
Note: E.I.R.P value = Conducted values (with conducted samples) + Antenna Gain.

See below for test graphs.

Conclusion: PASS



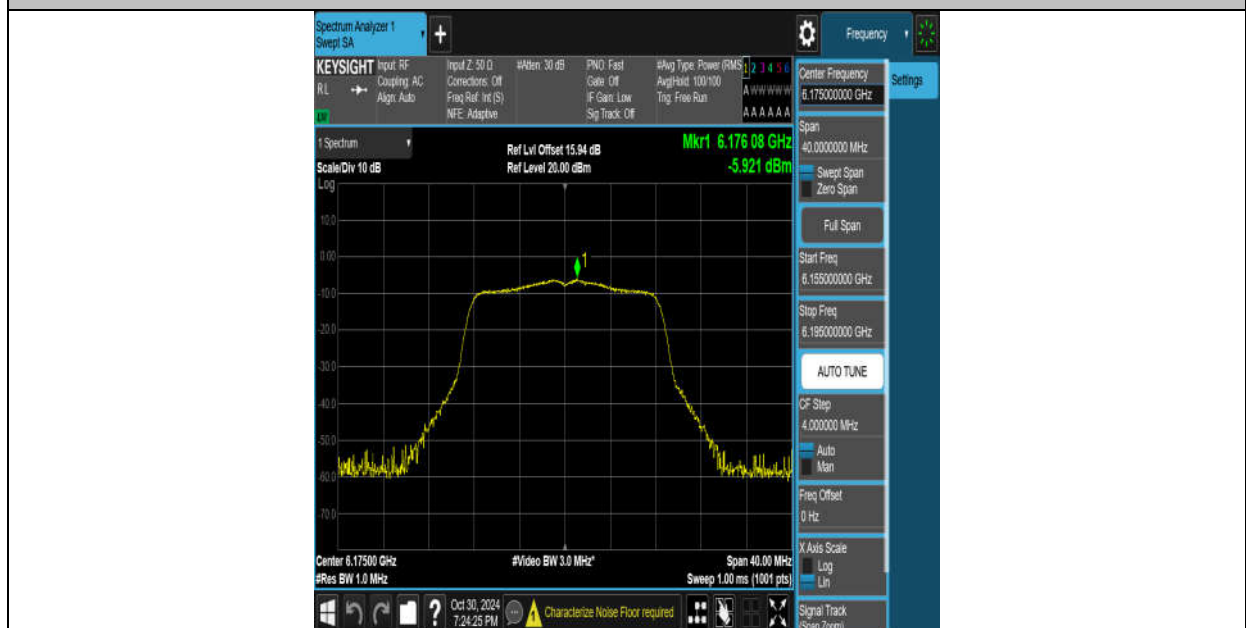
11A-Ant8-5955-PASS



11A-Ant9-5955-PASS



11A-Ant8-6175-PASS



11A-Ant9-6175-PASS



11A-Ant8-6415-PASS



11A-Ant9-6415-PASS



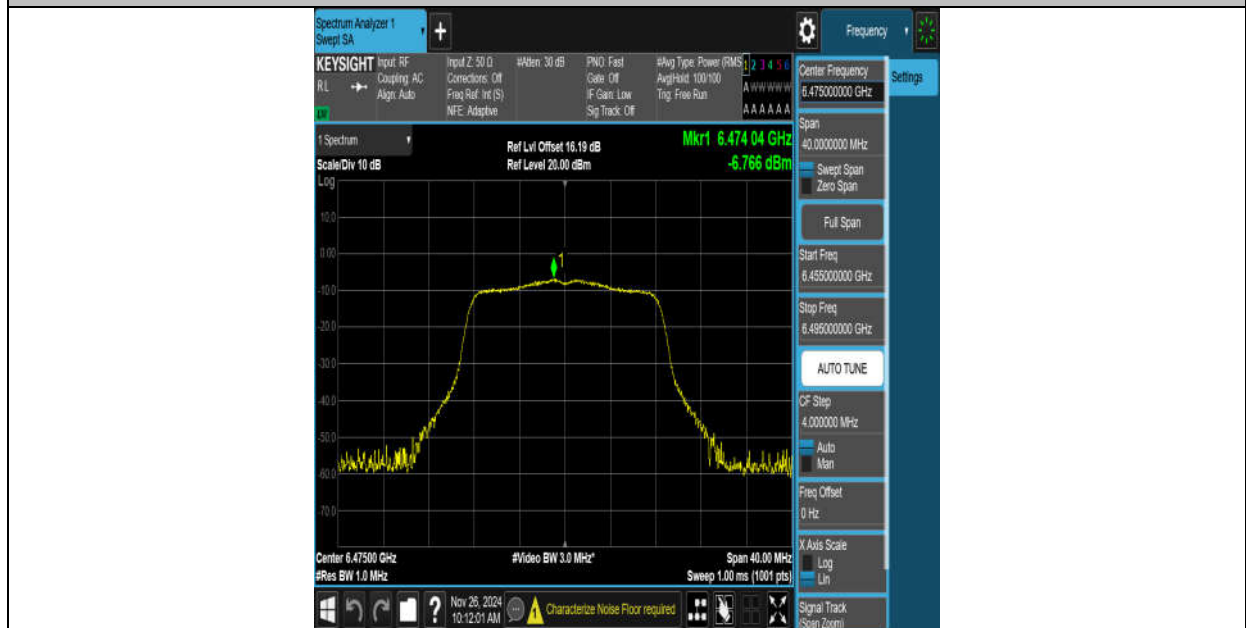
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11A-Ant9-6435-PASS



11A-Ant8-6475-PASS



11A-Ant9-6475-PASS



11A-Ant8-6515-PASS



11A-Ant9-6515-PASS



11A-Ant8-6535-PASS



11A-Ant9-6535-PASS



11A-Ant8-6695-PASS



11A-Ant9-6695-PASS



11A-Ant8-6855-PASS



11A-Ant9-6855-PASS



11A-Ant8-6875-PASS



11A-Ant9-6875-PASS



11A-Ant8-6895-PASS



11A-Ant9-6895-PASS



11A-Ant8-6995-PASS



11A-Ant9-6995-PASS



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11A-Ant8-7115-PASS



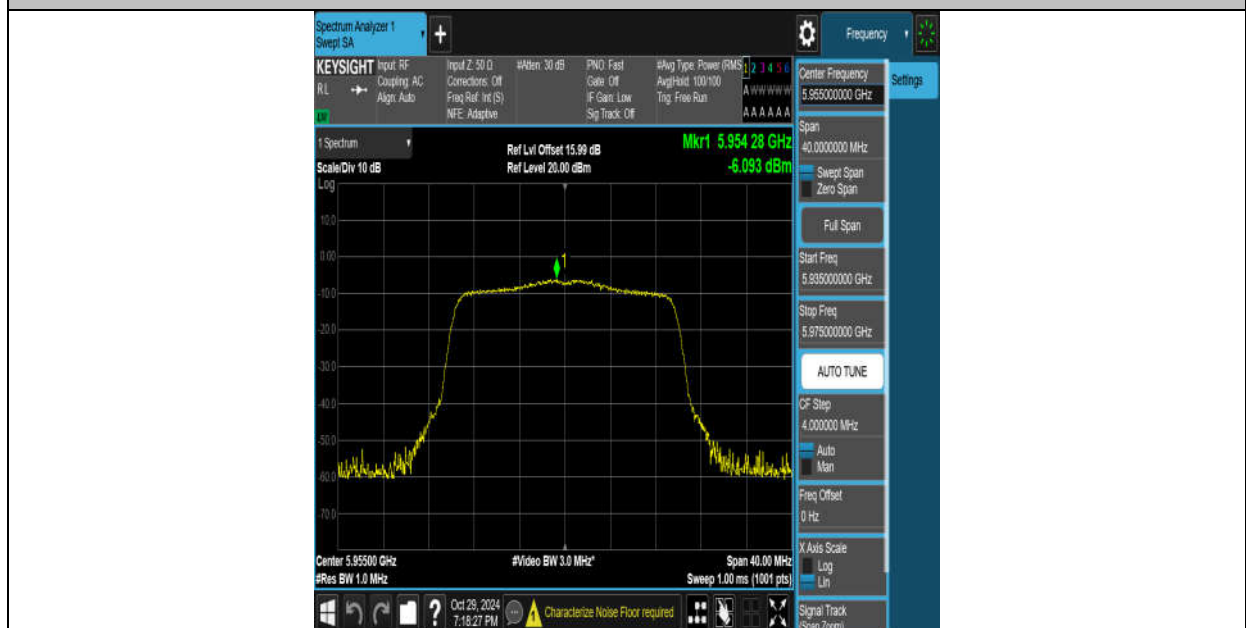
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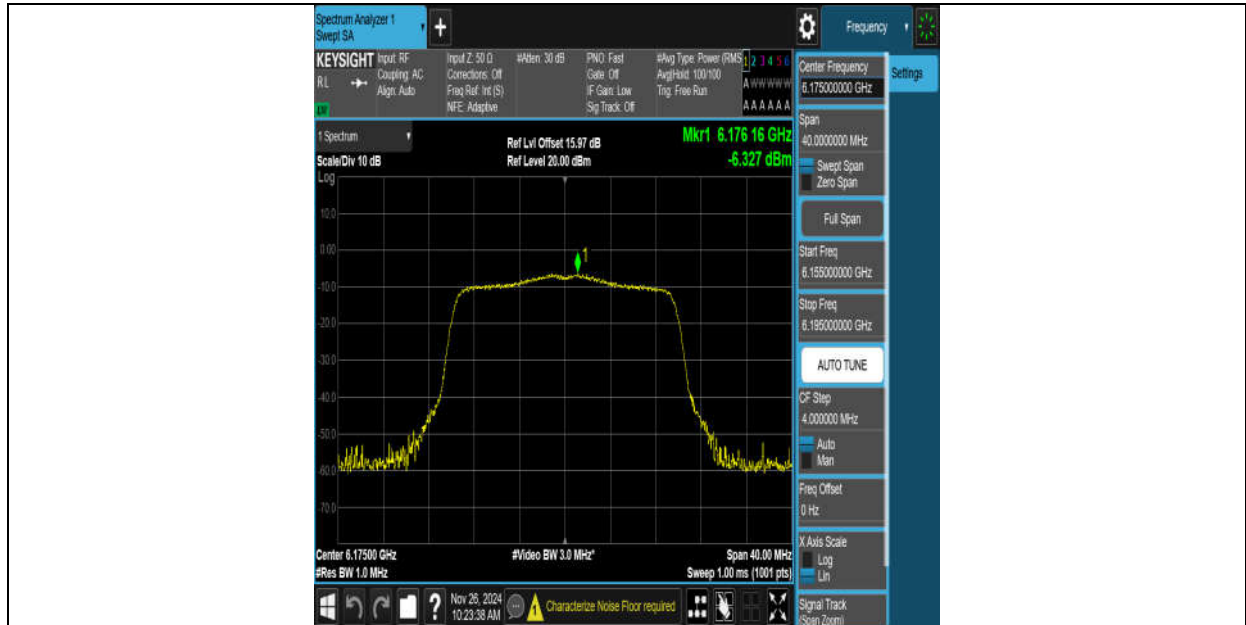
No. 24T04N002517-006-WLAN 6GHz



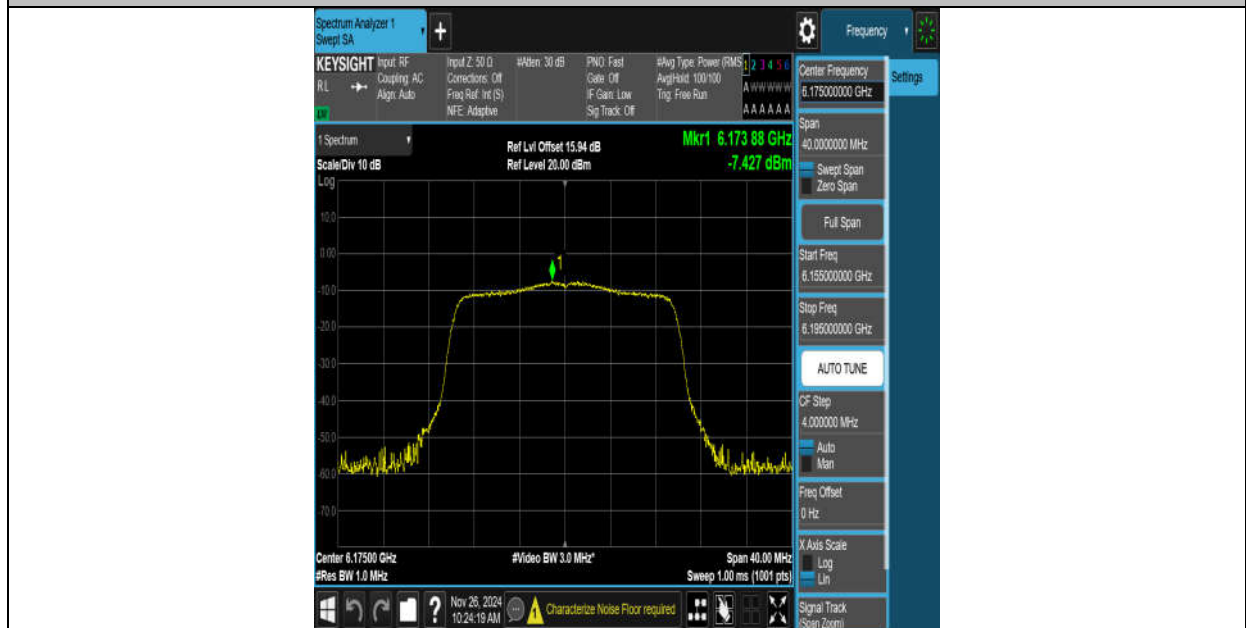
11AX20MIMO-Ant8-5955-PASS



11AX20MIMO-Ant9-5955-PASS



11AX20MIMO-Ant8-6175-PASS



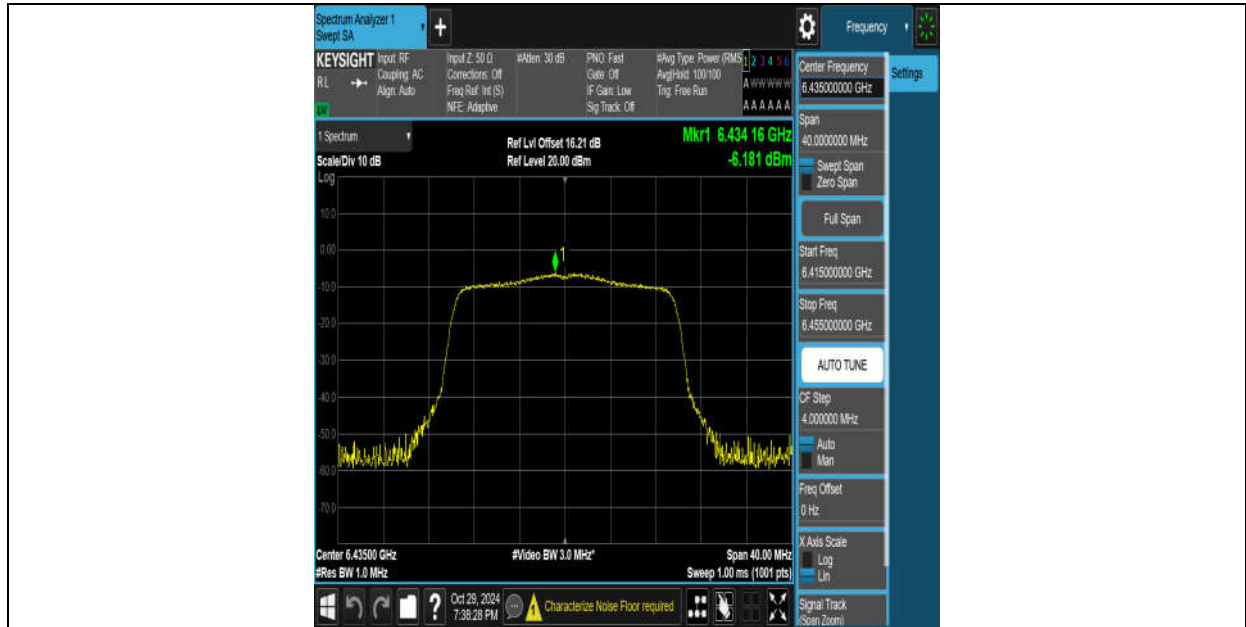
11AX20MIMO-Ant9-6175-PASS



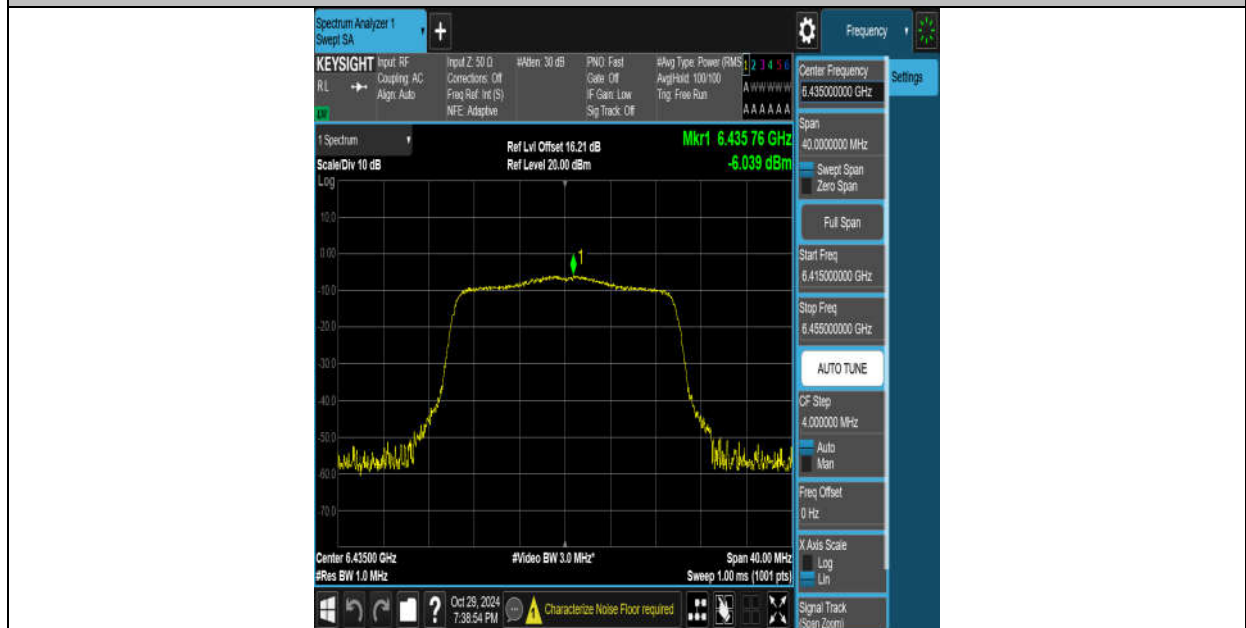
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11AX20MIMO-Ant9-6415-PASS



11AX20MIMO-Ant8-6435-PASS



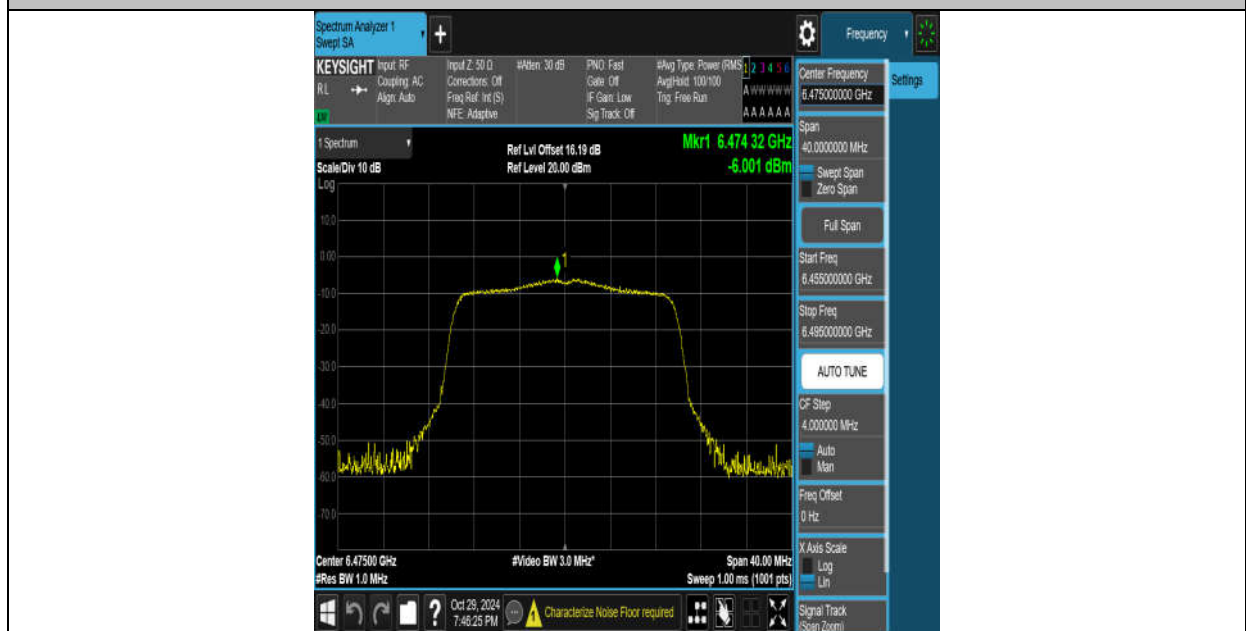
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No. 24T04N002517-006-WLAN 6GHz



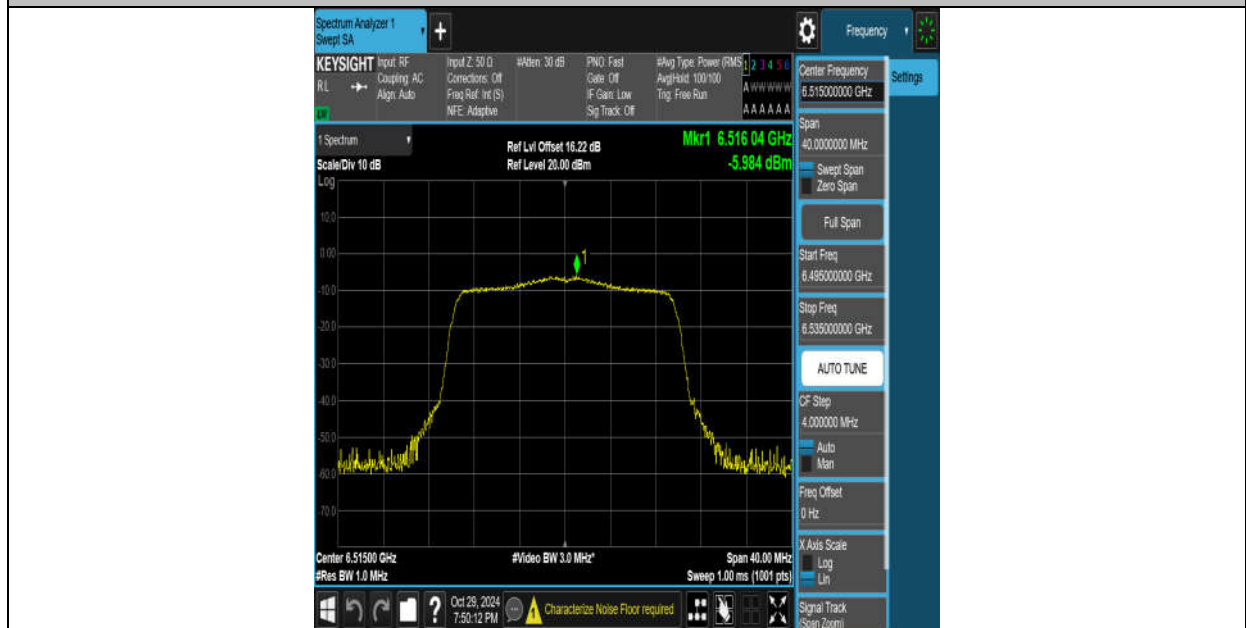
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11AX20MIMO-Ant9-6475-PASS



11AX20MIMO-Ant8-6515-PASS



11AX20MIMO-Ant9-6515-PASS



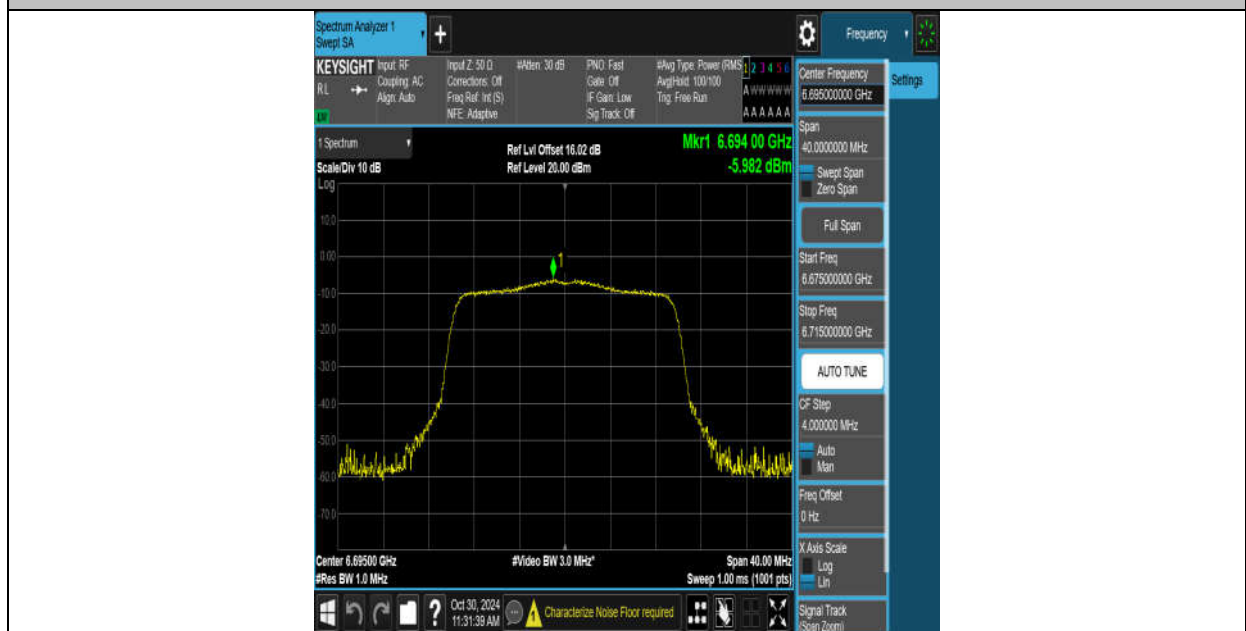
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11AX20MIMO-Ant9-6535-PASS



11AX20MIMO-Ant8-6695-PASS



11AX20MIMO-Ant9-6695-PASS



11AX20MIMO-Ant8-6855-PASS



11AX20MIMO-Ant9-6855-PASS



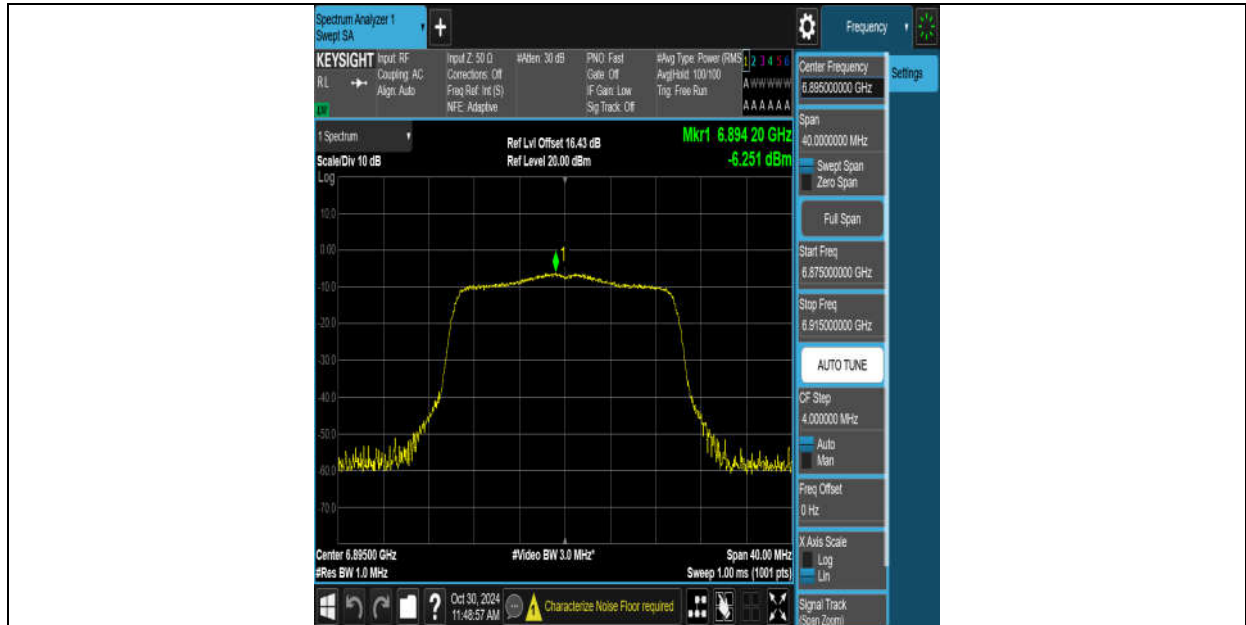
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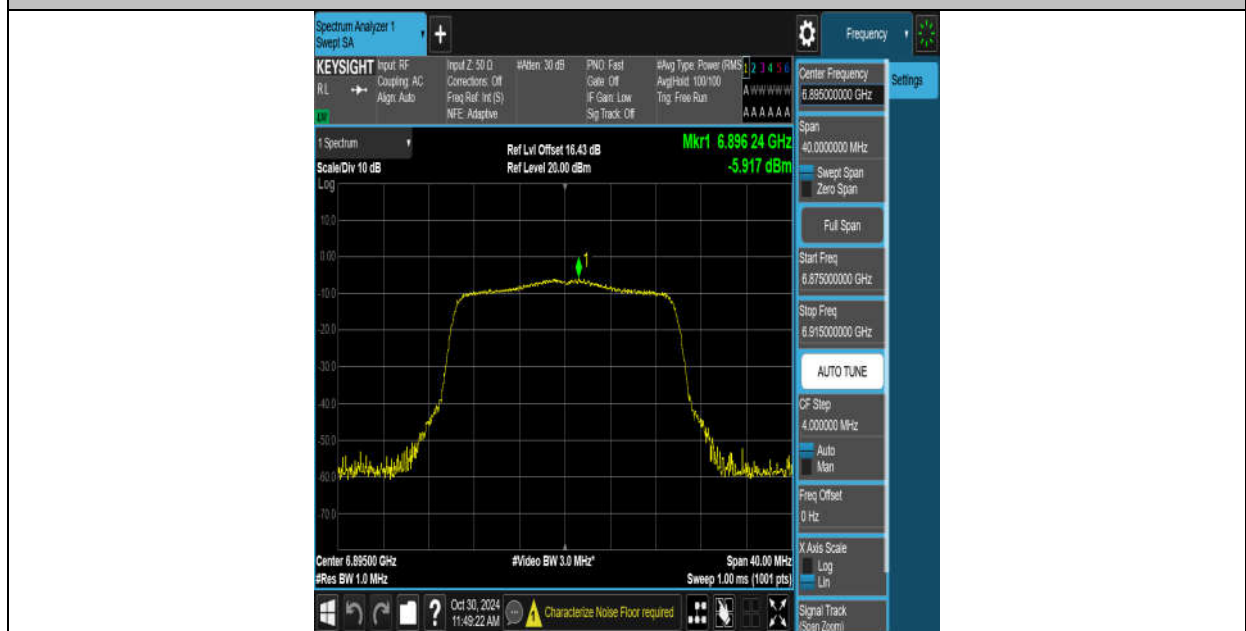
11AX20MIMO-Ant9-6875-PASS



No. 24T04N002517-006-WLAN 6GHz



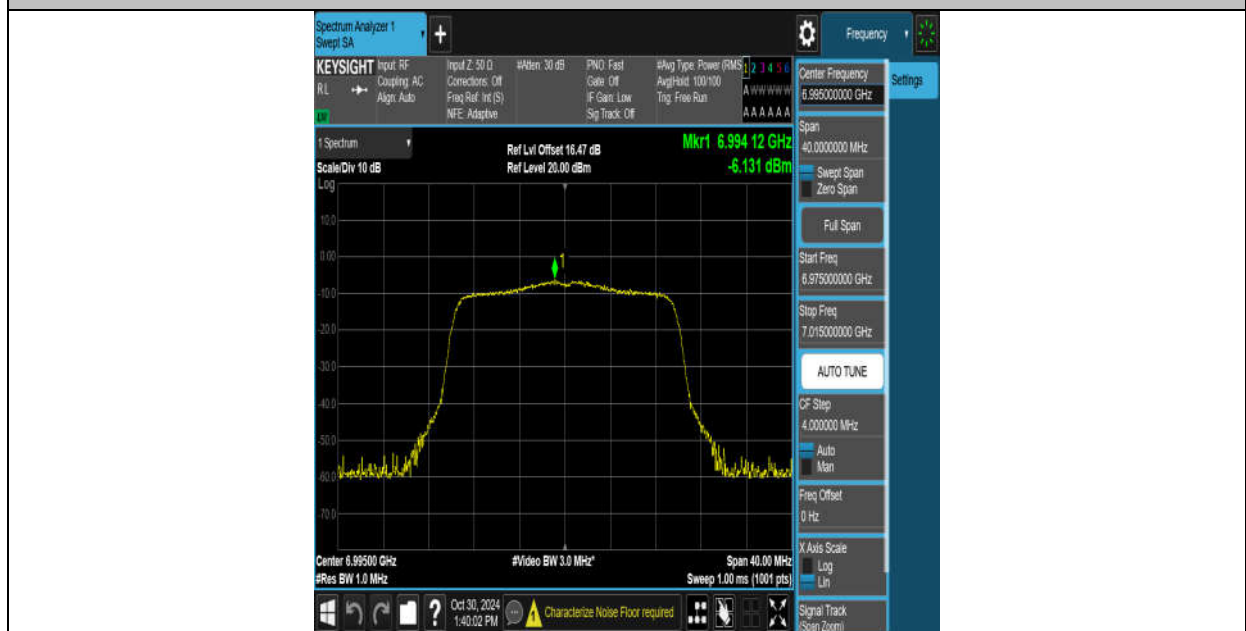
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11AX20MIMO-Ant9-6895-PASS



11AX20MIMO-Ant8-6995-PASS



11AX20MIMO-Ant9-6995-PASS



11AX20MIMO-Ant8-7115-PASS



11AX20MIMO-Ant9-7115-PASS



11AX20MIMO-Ant8-5955-26Tone-RU0-PASS



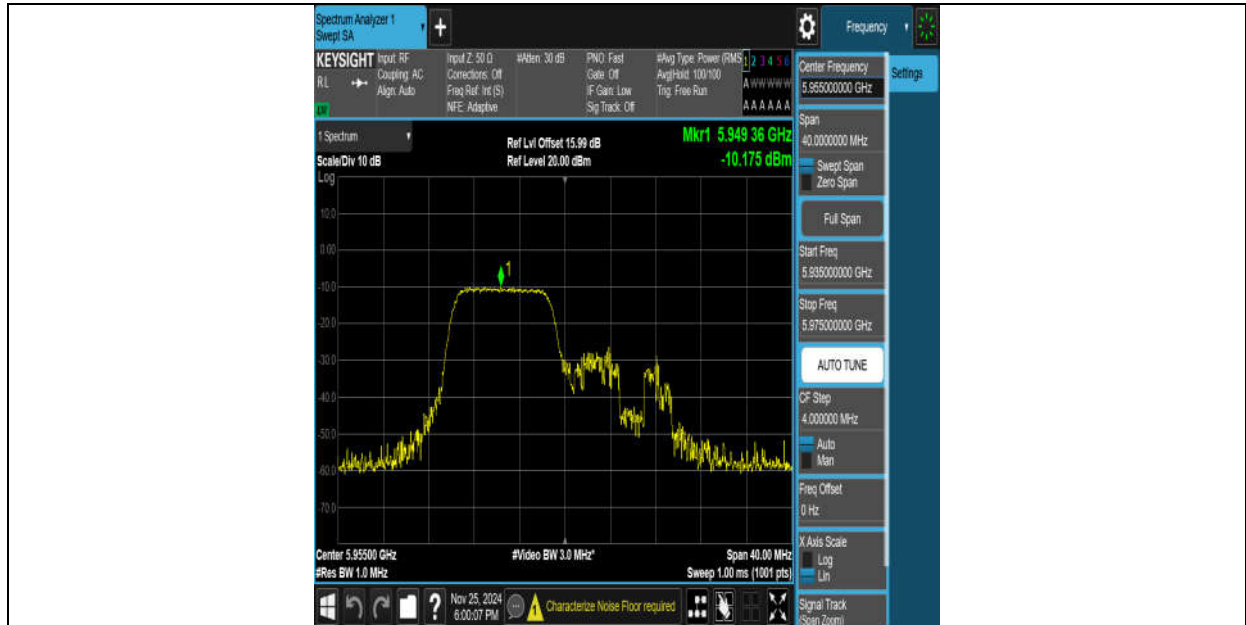
11AX20MIMO-Ant9-5955-26Tone-RU0-PASS



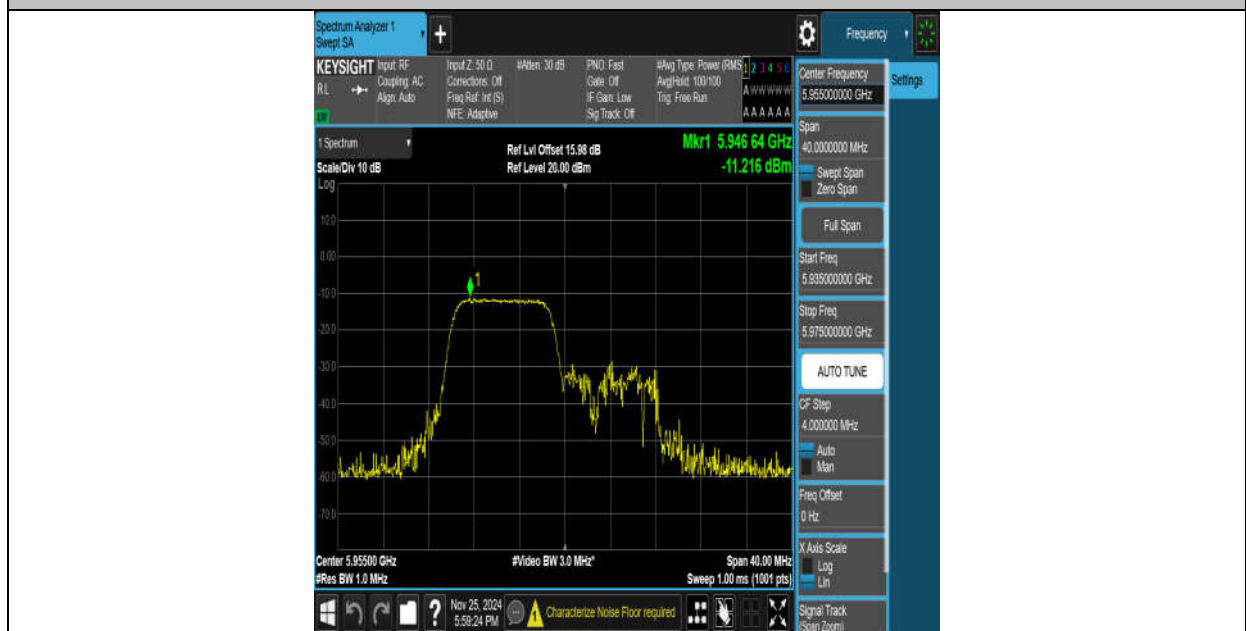
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11AX20MIMO-Ant9-5955-52Tone-RU37-PASS



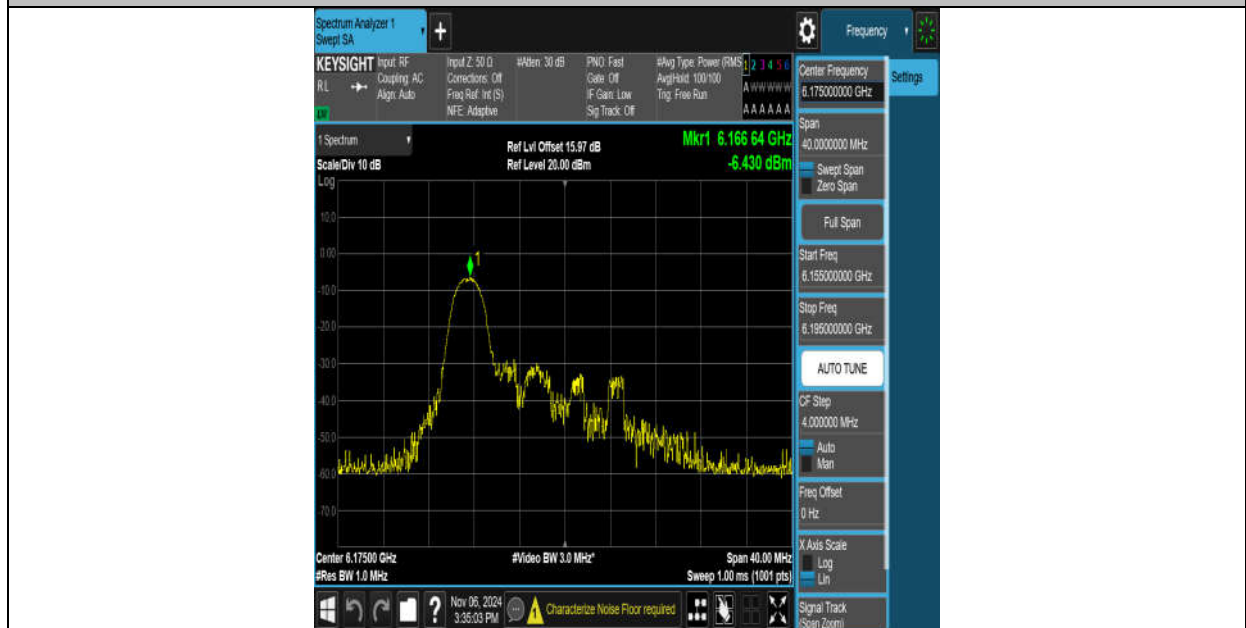
11AX20MIMO-Ant9-5955-106Tone-RU53-PASS



11AX20MIMO-Ant8-5955-106Tone-RU53-PASS



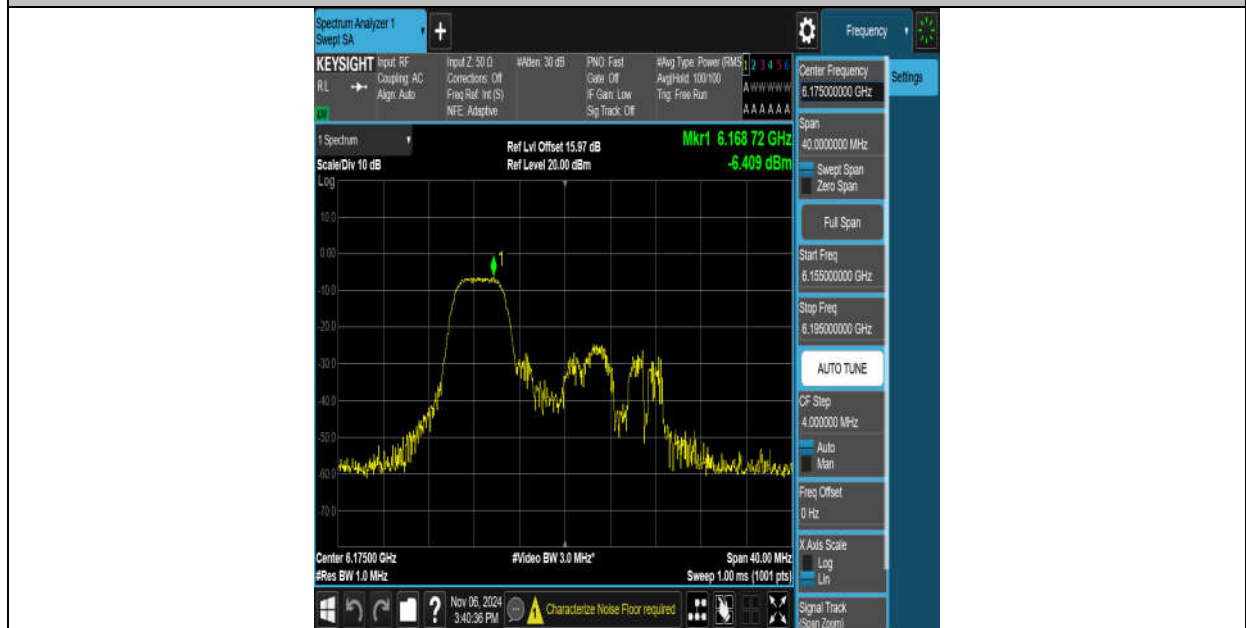
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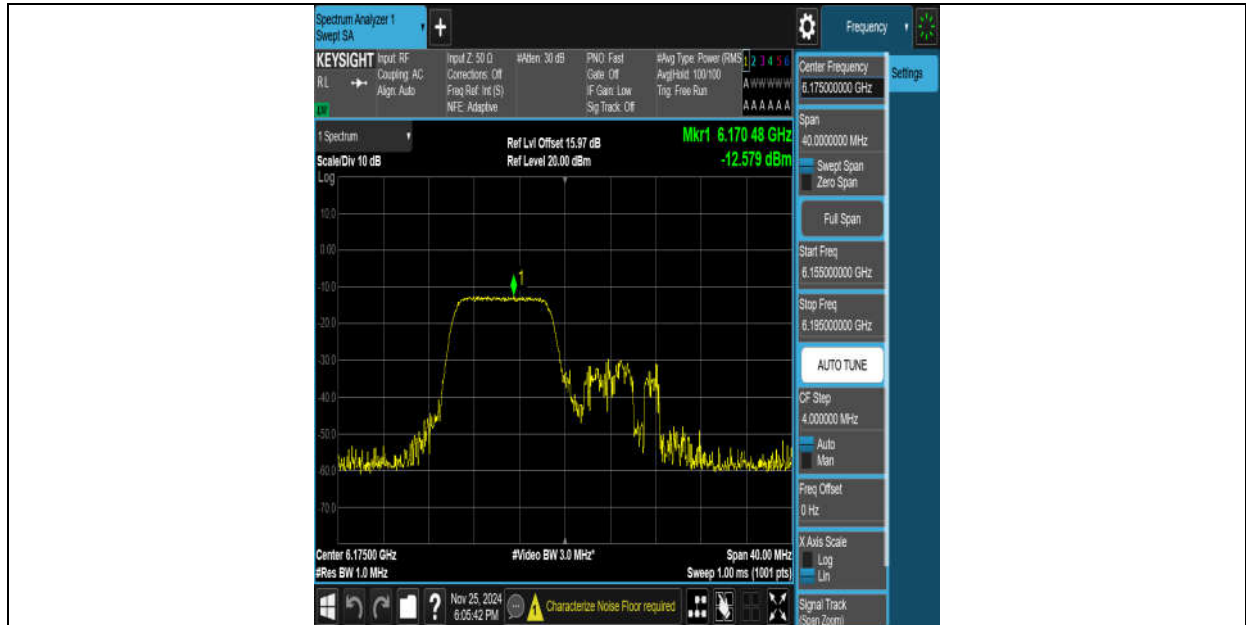
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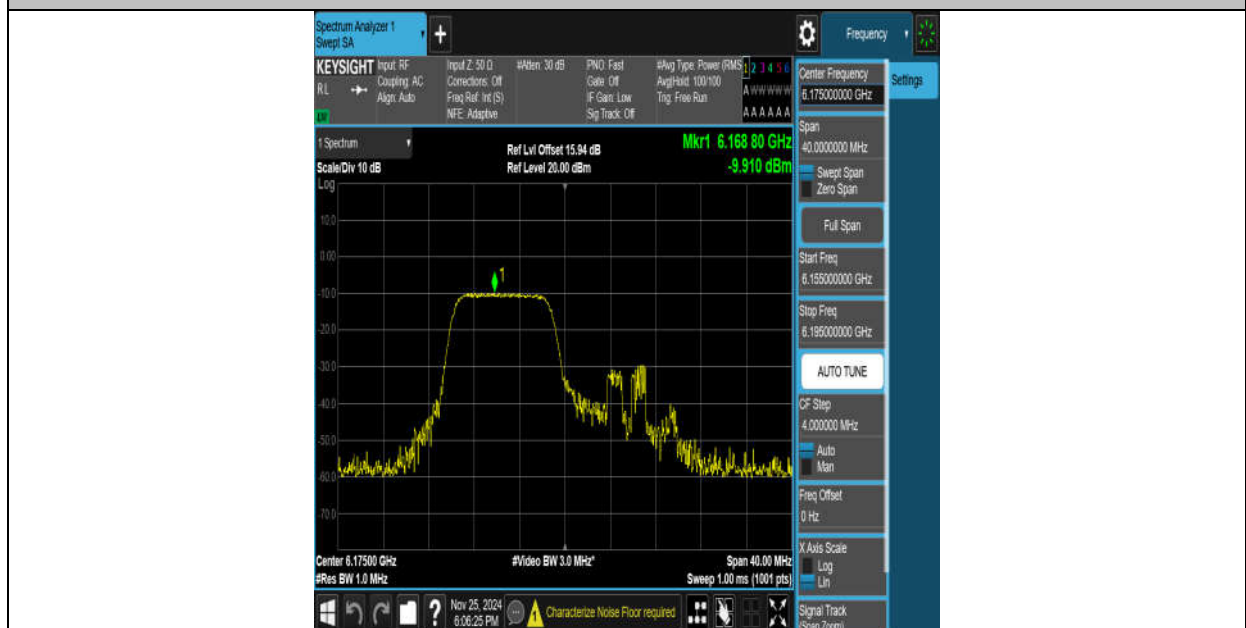
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11AX20MIMO-Ant8-6175-52Tone-RU37-PASS



11AX20MIMO-Ant8-6175-106Tone-RU53-PASS



11AX20MIMO-Ant9-6175-106Tone-RU53-PASS



11AX20MIMO-Ant8-6415-26Tone-RU0-PASS



11AX20MIMO-Ant9-6415-26Tone-RU0-PASS



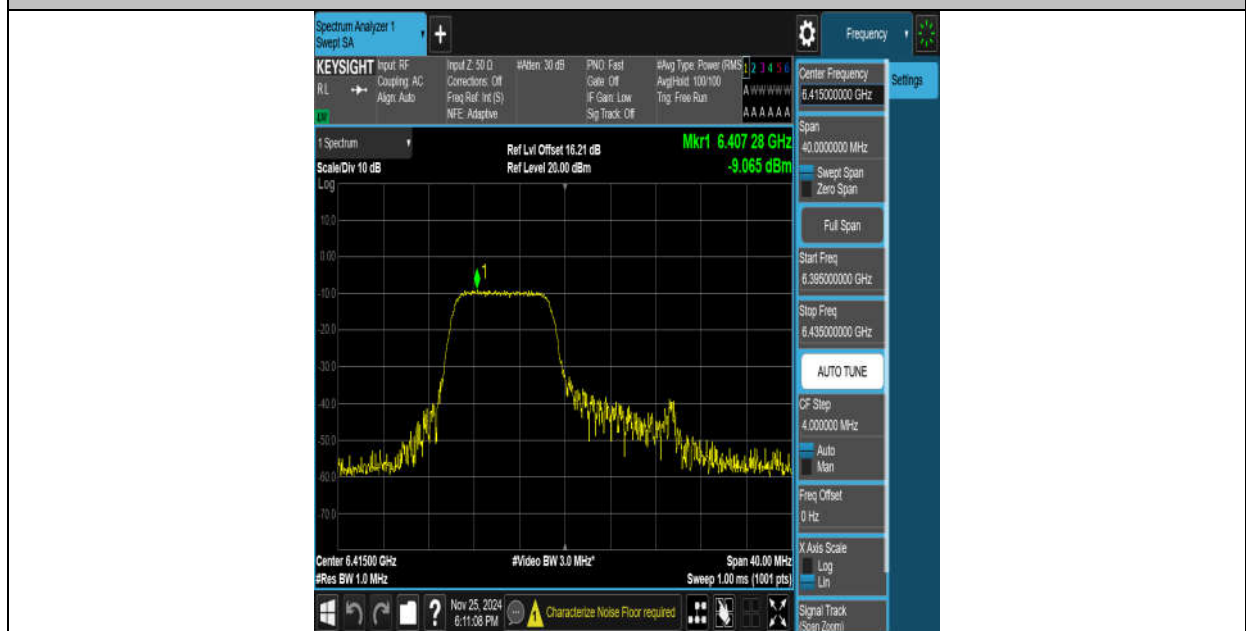
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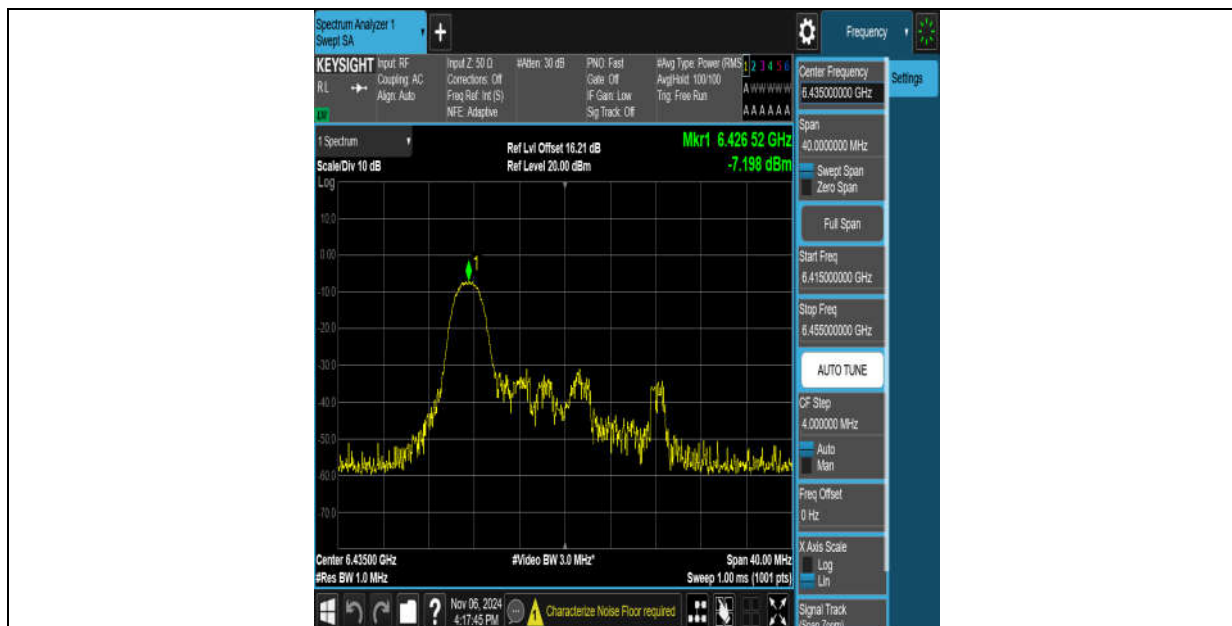
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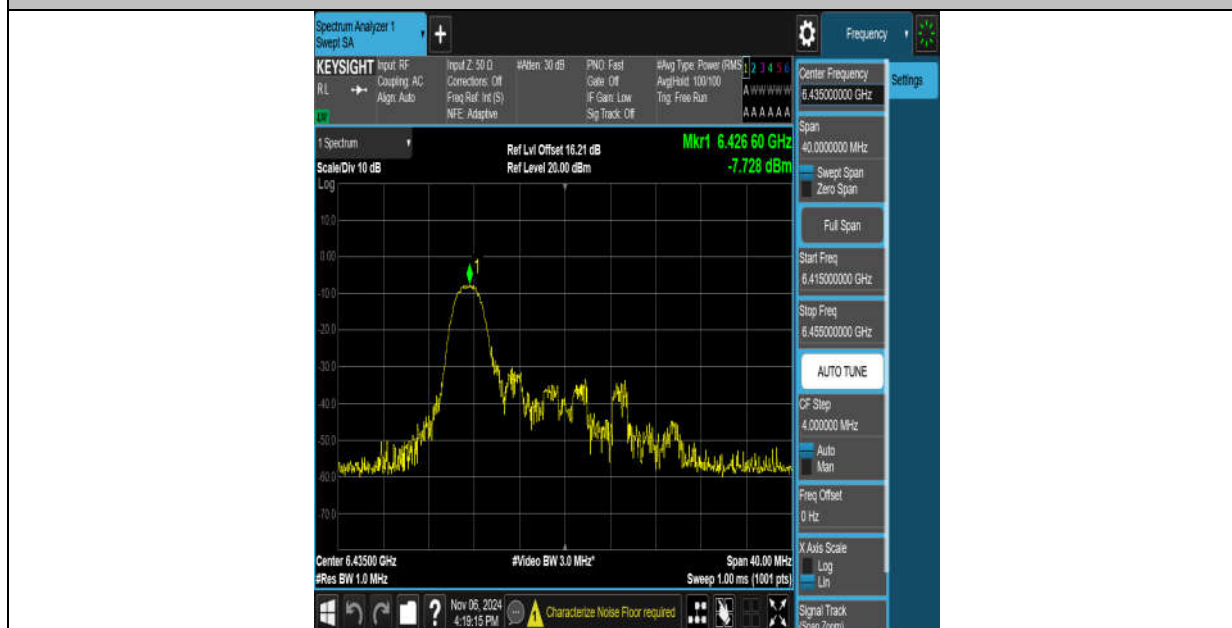
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11AX20MIMO-Ant9-6415-106Tone-RU53-PASS



11AX20MIMO-Ant8-6435-26Tone-RU0-PASS



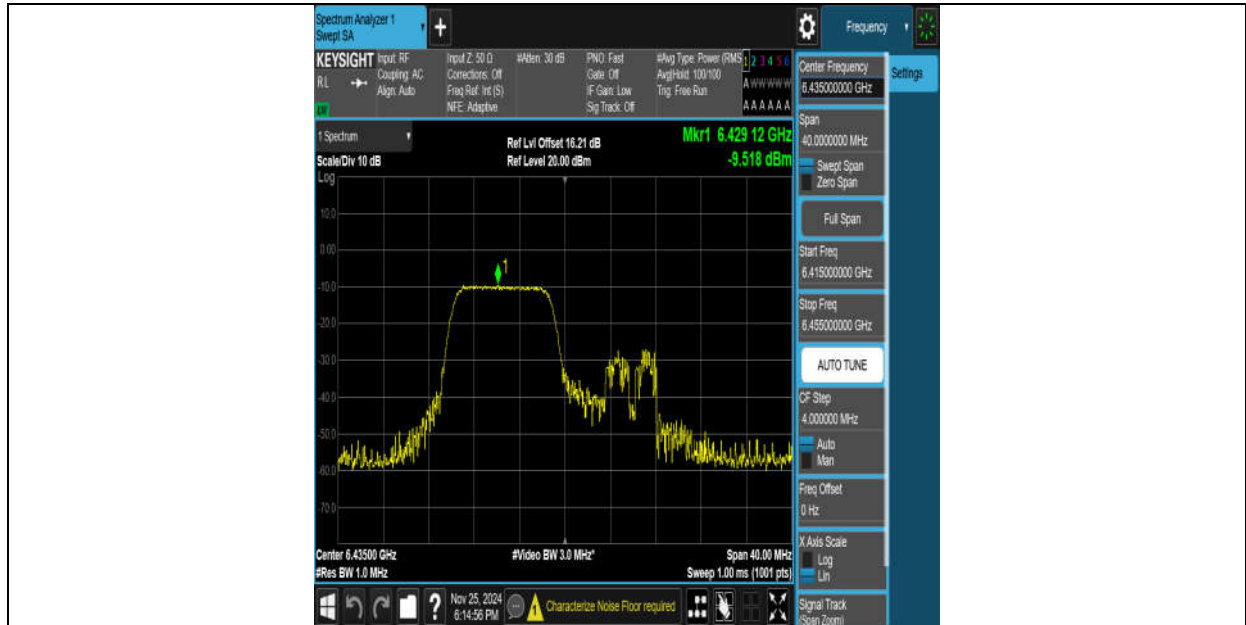
11AX20MIMO-Ant9-6435-26Tone-RU0-PASS



11AX20MIMO-Ant8-6435-52Tone-RU37-PASS



11AX20MIMO-Ant9-6435-52Tone-RU37-PASS



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11AX20MIMO-Ant8-6435-106Tone-RU53-PASS



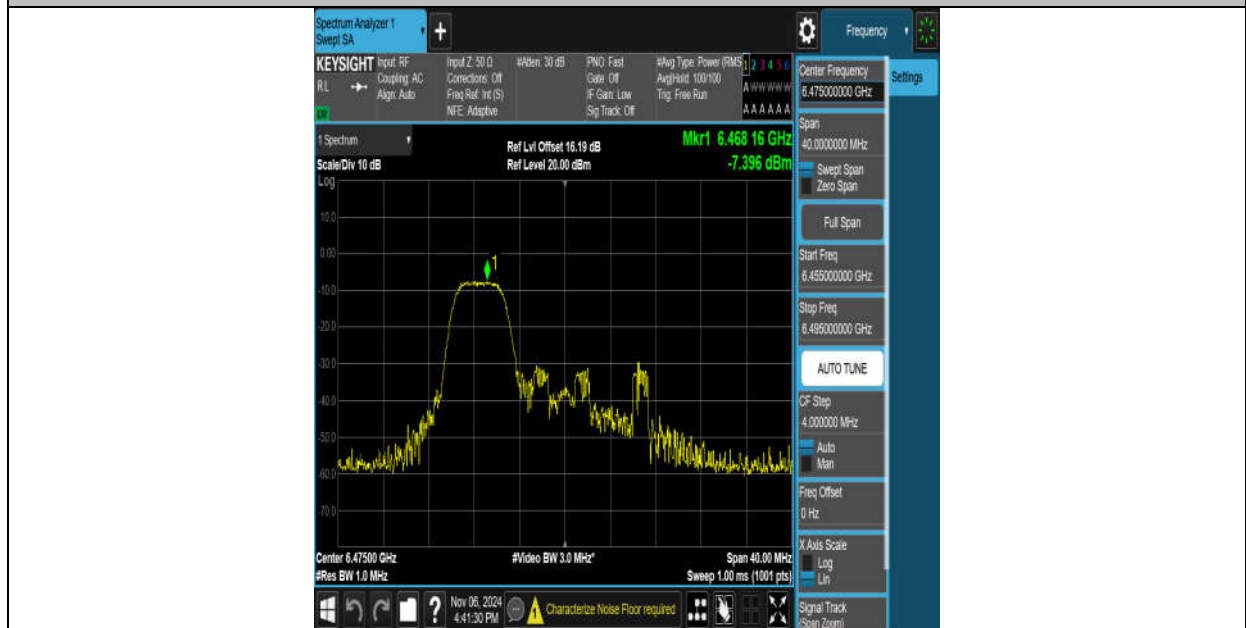
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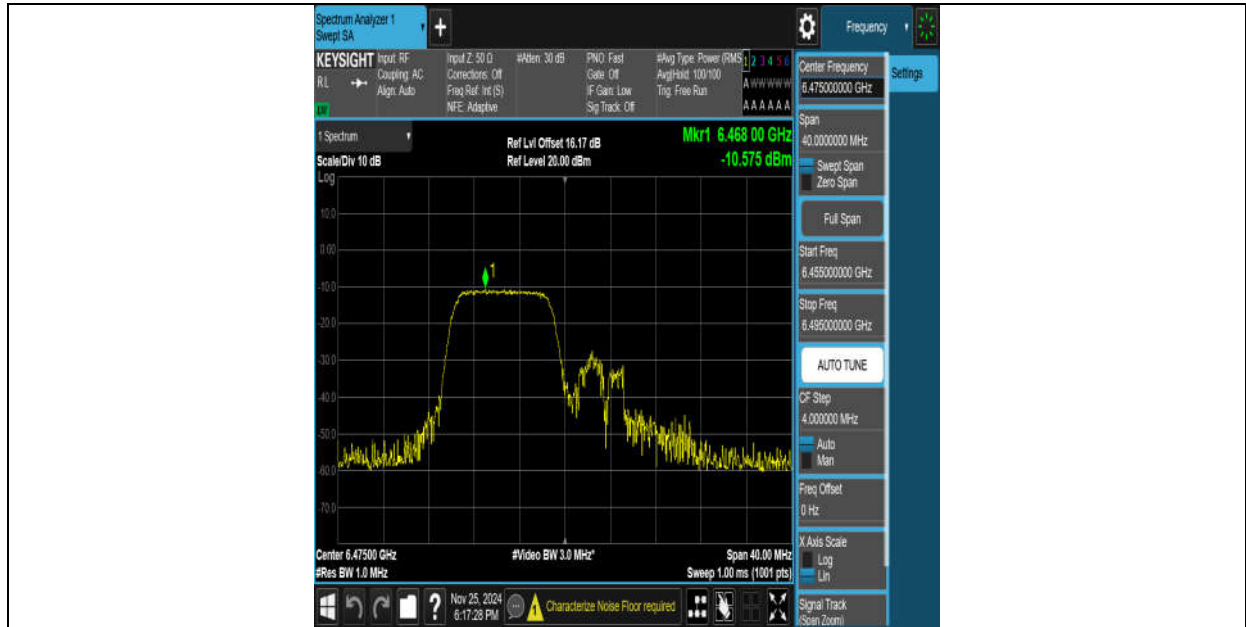
11AX20MIMO-Ant9-6475-26Tone-RU0-PASS



11AX20MIMO-Ant8-6475-52Tone-RU37-PASS



11AX20MIMO-Ant9-6475-52Tone-RU37-PASS



11AX20MIMO-Ant8-6475-106Tone-RU53-PASS



11AX20MIMO-Ant9-6475-106Tone-RU53-PASS



11AX20MIMO-Ant8-6515-26Tone-RU0-PASS



11AX20MIMO-Ant9-6515-26Tone-RU0-PASS



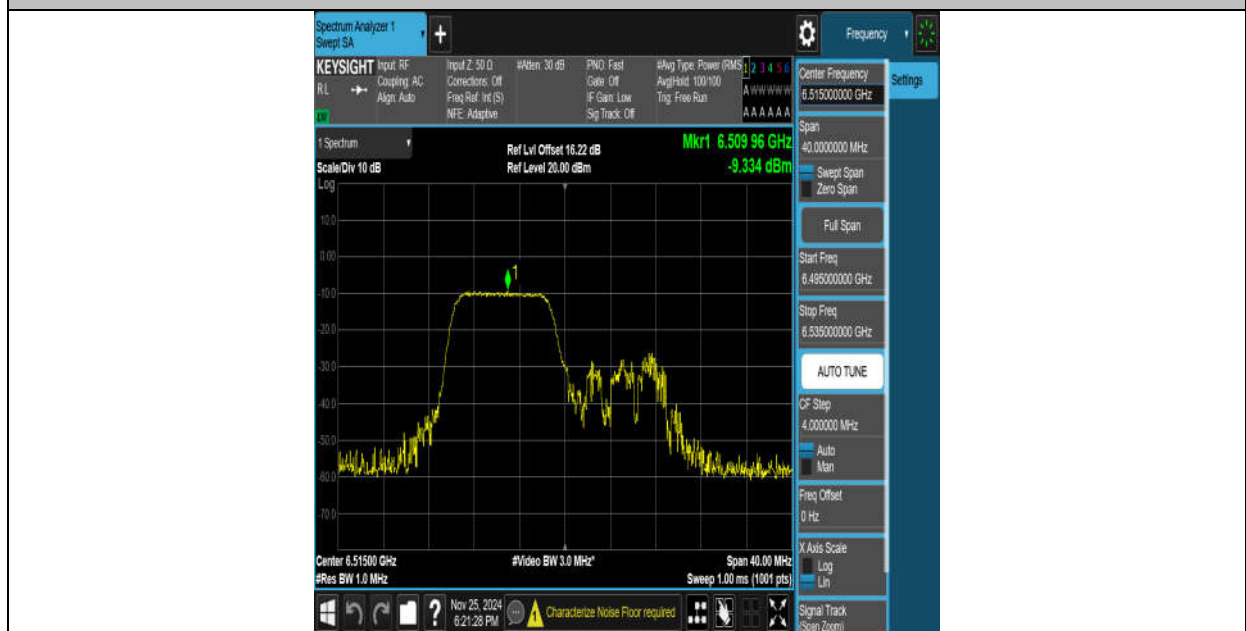
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11AX20MIMO-Ant9-6515-106Tone-RU53-PASS



11AX20MIMO-Ant8-6535-26Tone-RU0-PASS



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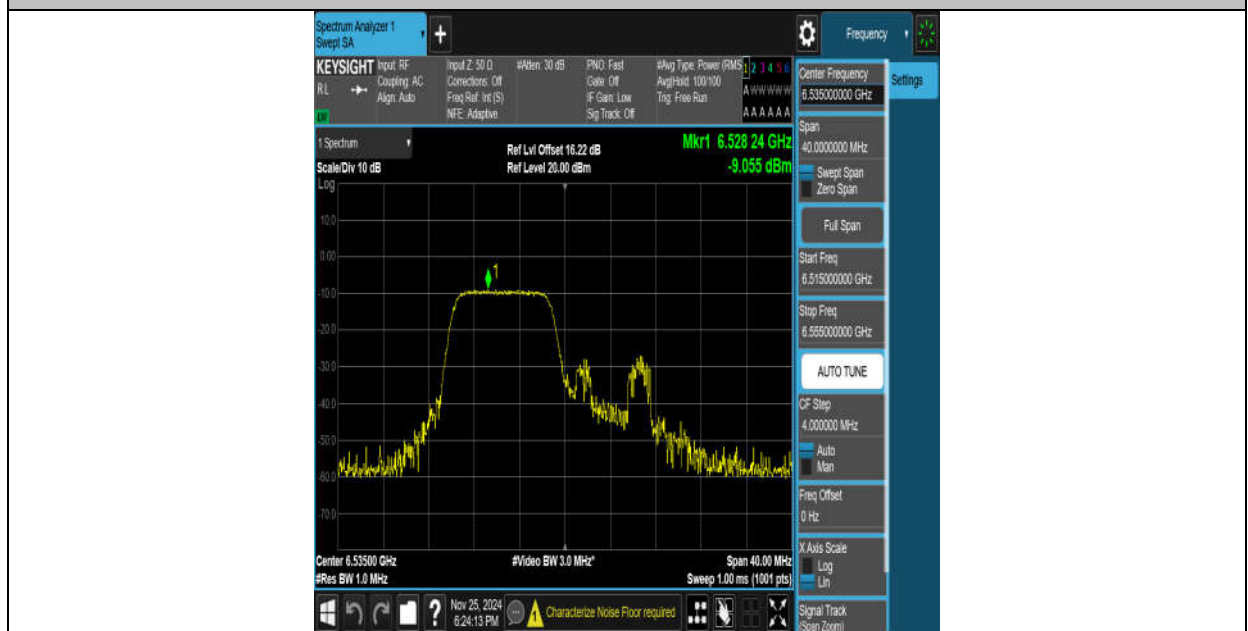
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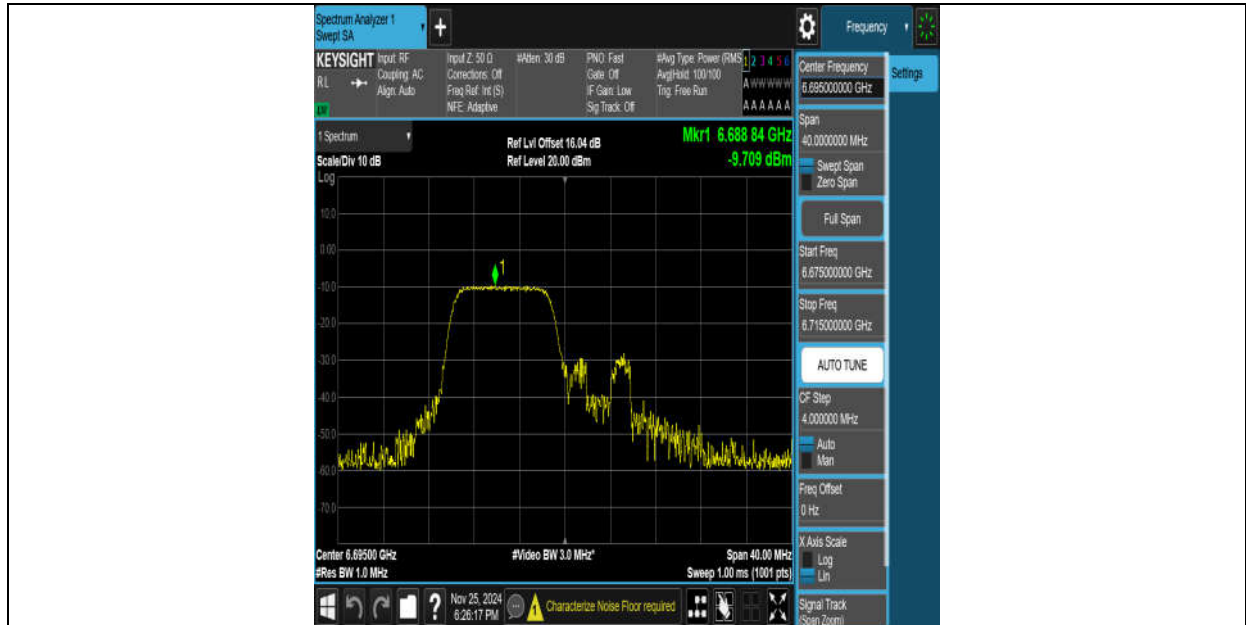
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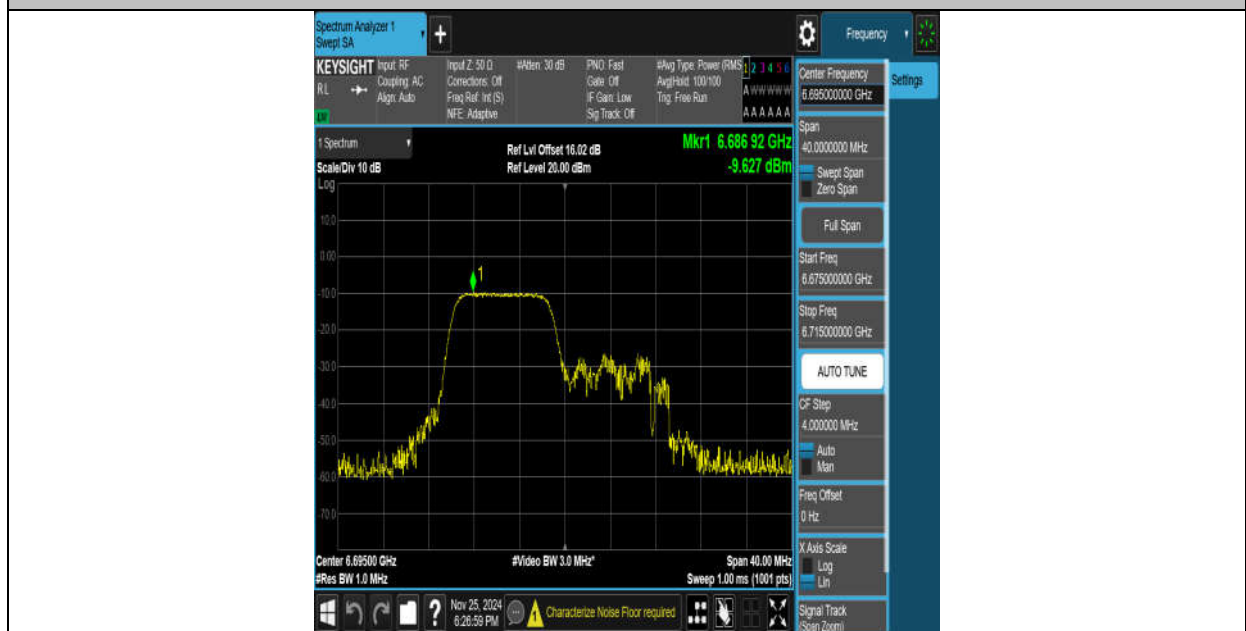
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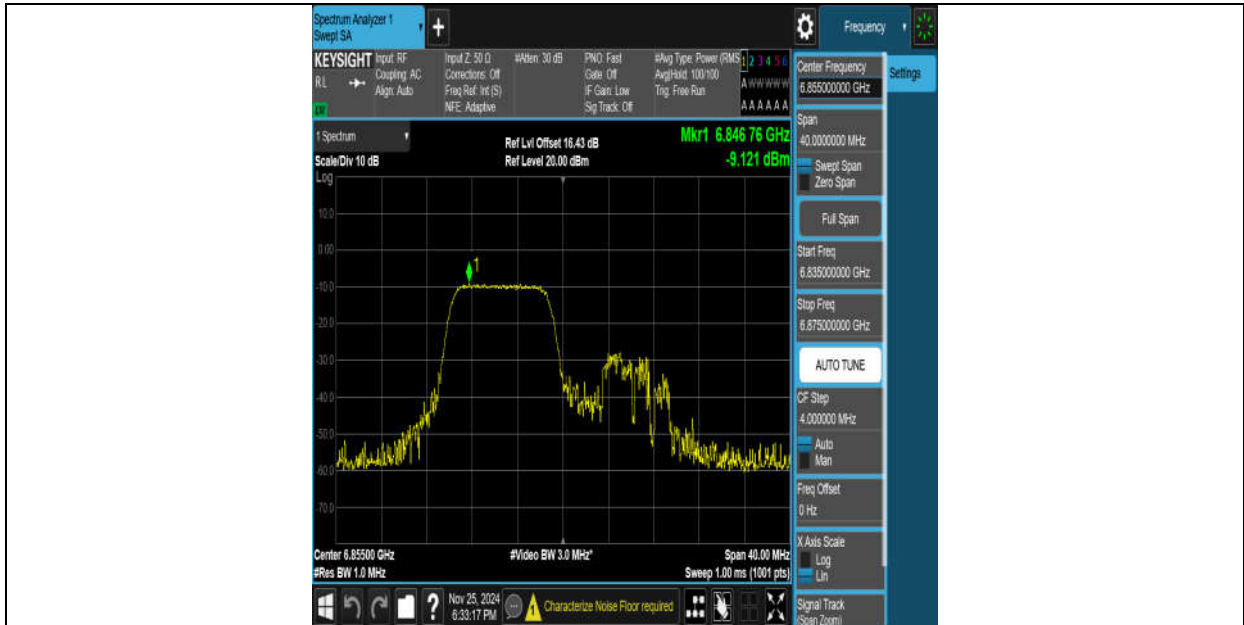
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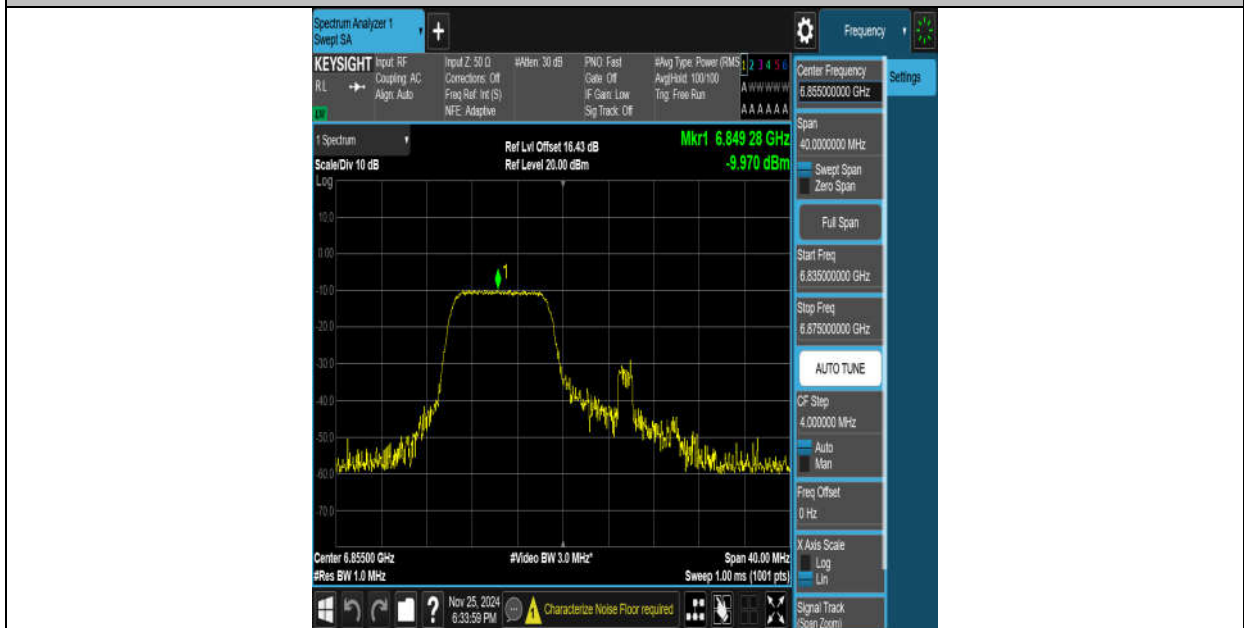
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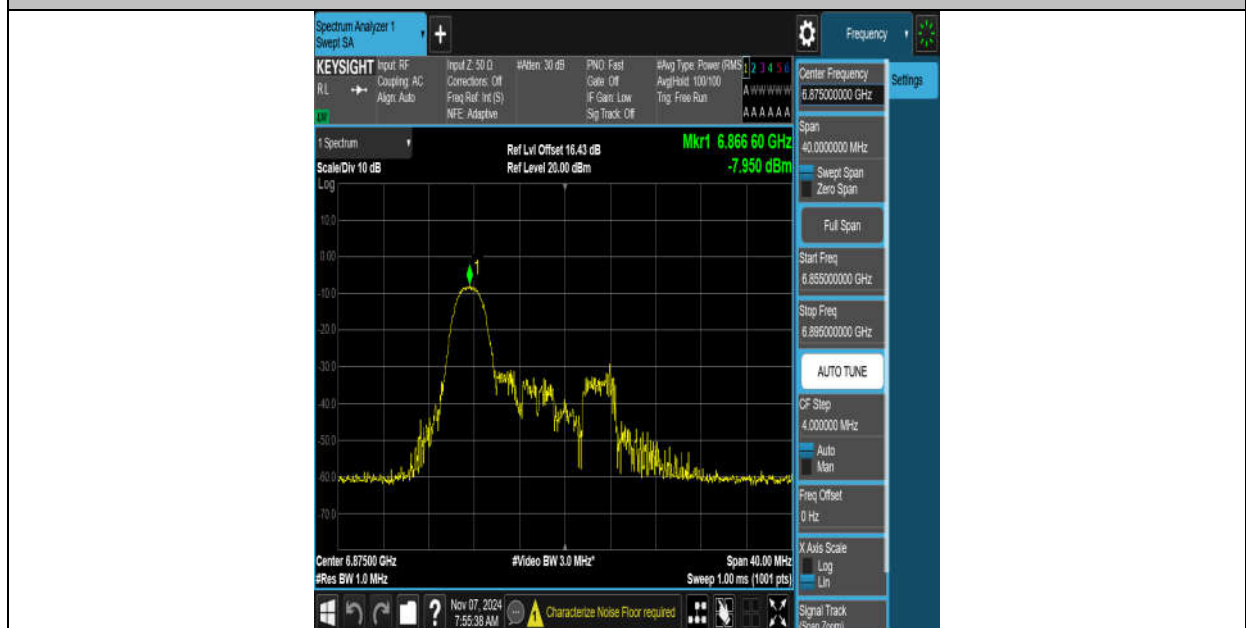
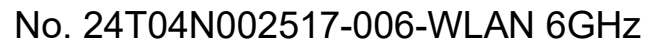
11AX20MIMO-Ant9-6855-52Tone-RU37-PASS



11AX20MIMO-Ant8-6855-106Tone-RU53-PASS



11AX20MIMO-Ant9-6855-106Tone-RU53-PASS

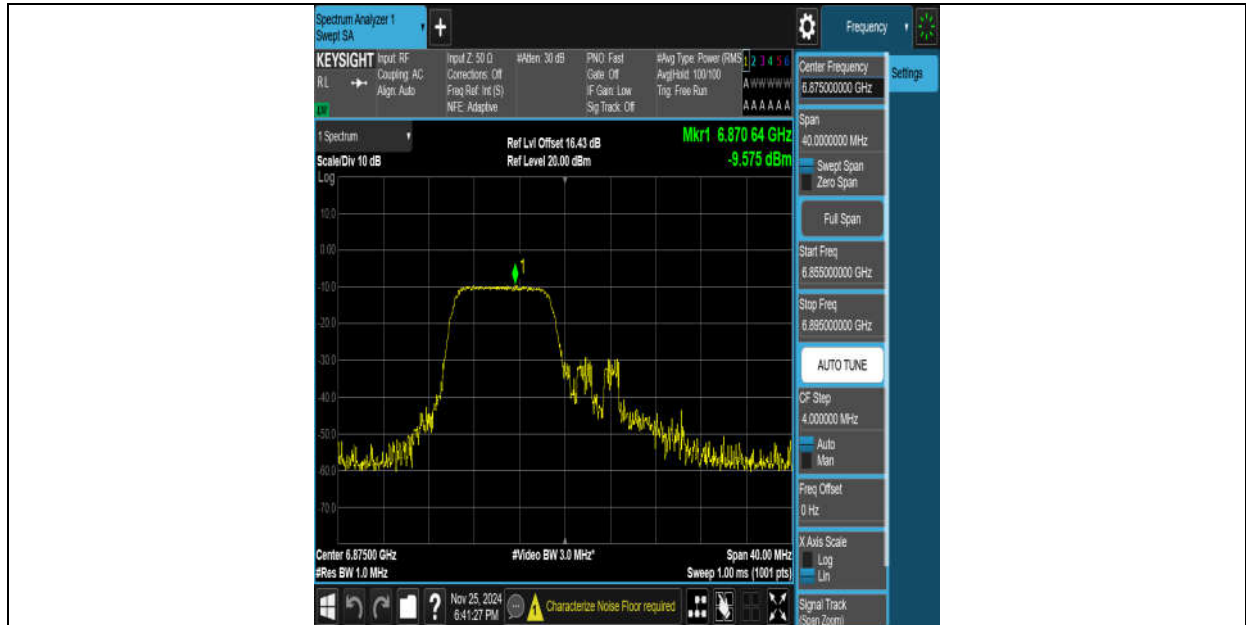




11AX20MIMO-Ant8-6875-52Tone-RU37-PASS



11AX20MIMO-Ant9-6875-52Tone-RU37-PASS



11AX20MIMO-Ant8-6875-106Tone-RU53-PASS



11AX20MIMO-Ant9-6875-106Tone-RU53-PASS



11AX20MIMO-Ant8-6895-26Tone-RU0-PASS



11AX20MIMO-Ant9-6895-26Tone-RU0-PASS