FCC RADIO TEST REPORT

Applicant……	:	Feit Electric Company
Address……....	:	4901 Gregg Road Pico Rivera, California, United States 90660
Manufacturer/Factory 1…….	:	National State Industries Ltd.
Address……....	:	XinXing Group, WuLian Village, FengGang Town, DONGGUAN CITY, Guangdong Province 523695
Factory 2 ……..……..	:	National State Industries Company Limited
Address……..…..	:	Lot D, Vu Thu Town Industrial Cluster, Vu Thu Commune, Hung Yen Province, Vietnam
Factory 3……..……..….	:	National State Industries Vina Company Limited
Address……..…..	:	Kim Binh Industrial Cluster, Phu Van Ward, Ninh Binh Province, Vietnam
Product Name…….	:	SMART DUAL LENS PANORAMIC FLOODLIGHT CAMERA
Brand Name……...	:	Feit Electric, Naspil
Model No. ……..	:	SEC5000/CAM2/RP (For addational model and model differences refer to section 2)
FCC ID…….....	:	SYW-SEC5000CAML
Measurement Standard……	:	47 CFR FCC PART 15 Subpart E (section 407)
Receipt Date of Samples…..	:	April 29, 2025
Date of Tested…….	:	April 29, 2025 to May 27, 2025
Date of Report……	:	July 29, 2025

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.

Prepared by

Jenny Liu / Project Engineer

Approved by

Iori Fan / Authorized Signatory

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Revision History

Report Number	Description	Issued Date
NTC2504469FV00	Initial Issue	2025-07-29

1. Summary of Test Result

FCC Rules	Description of Test	Result	Remarks
§15.207 (a)	AC Power Conducted Emission	PASS	---
§15.407(a)	Max. Conducted Output Power	PASS	---
§15.407(a)	26dB Spectrum Bandwidth and 99% Occupied Bandwidth	PASS	---
§15.407(e)	6dB Bandwidth	PASS	---
§15.407(a)	Power Spectral Density	PASS	---
§15.407(b) §15.205	Radiated Emissions	PASS	---
§15.407(b)	Band Edge Emissions	PASS	---
§1 5.407(g)	Frequency Stability	PASS	---
§15.203	Antenna Requirement	PASS	---
§15.407(h)	Dynamic Frequency Selection	PASS	---

2. General Description of EUT

Product Information	
Product Name:	SMART DUAL LENS PANORAMIC FLOODLIGHT CAMERA
Main Model Name:	SEC5000/CAM2/RP
Additional Model Name:	USF001/5000/WFBLE/850LEDF/180CAMDM/270PIRG3-WT, SEC5000/CAM2, USF001/5000/WFBLE/YZZZZLEDF/180CAMDM/270PIRG3-XXXX (“Y” represents CRI color rendering index, “ZZZZ” represents CCT color temperature, “XXXX” represents the color of the luminaire)
Model difference:	These models have the same circuit schematic, construction, PCB Layout and critical components. Their differences are model name, CRI, CCT color parameters and brand name due to trading purpose.
S/N:	2404-2934
Brand Name:	Feit Electric, Naspil
Hardware Version:	Main board: RC0240_V3.0 SENSOR board: RC0240_SENSOR_V3.0
Software Version:	V202.305.03
Rating:	AC 120V 60Hz
Typical Arrangement:	Tabletop
I/O Port:	Refer to the user manual
Accessories Information	
Adapter:	N/A
Cable:	N/A
Other:	N/A
Additional Information	
Note:	According to the model differences and manufacturer’s requirement, all tests were performed on model SEC5000/CAM2/RP.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

Technical Specification	
Frequency Range:	5150-5250MHz 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
Modulation Technology:	OFDM, OFDMA
Modulation Type:	BPSK, QPSK for 802.11a 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for 802.11n/ax
Number of Channel:	U-NII-1, U-NII-2A: 4 Channel for 802.11a/n(HT20)/ac(VHT20)/ ax(HE20) 2 Channel for 802.11n(HT40)/ac(VHT40)/ ax(HE40) U-NII-2C: 11 Channel for 802.11a/n(HT20)/ac(VHT20)/ax(HE20) 5 Channel for 802.11n(HT40)/ac(VHT40)/ax(HE40) U-NII-3: 5 Channel for 802.11a/n(HT20)/ac(VHT20)/ax(HE20) 2 Channel for 802.11n(HT40)/ac(VHT40)/ax(HE40) (802.11ax Only support full RU Mode) Note: According to the RU & RB configurations can not set, and all the test base on the Full RU & RB configuration status.
Antenna Type:	FPC Antenna
Number of Antenna:	1
Antenna Gain:	6.03 dBi (Declared by the manufacturer)
Beamforming Gain:	Not support
Type:	Client without Radar detection.
Note: This report only replies to 5G WIFI feature of the EUT.	

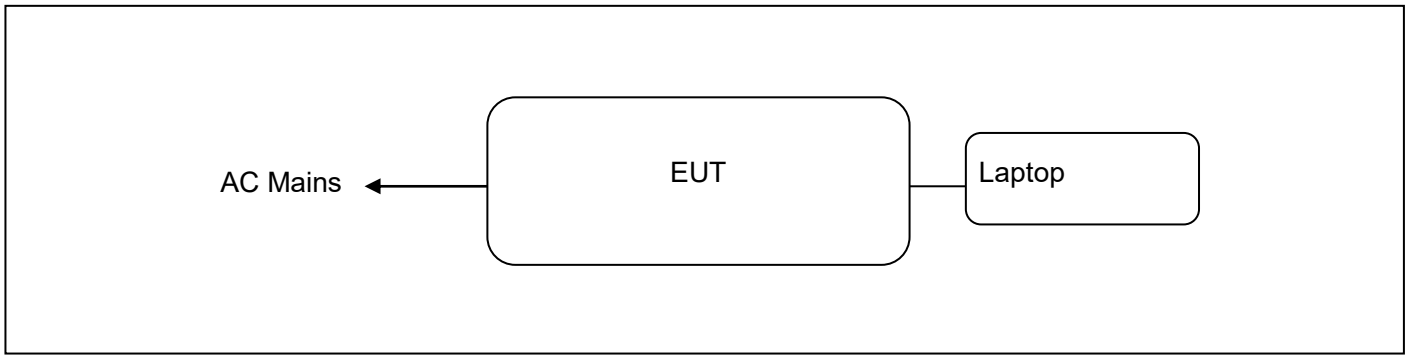
Channel List			
U-NII-1 Band 5150~5240MHz			
IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20)		IEEE 802.11n(HT40)/ac(VHT40)/ax(HE40)	
Channel	Frequency MHz	Channel	Frequency MHz
36	5180	38	5190
40	5200	46	5230
44	5220	-	
48	5240	-	
U-NII-2A Band 5260-5320MHz			
52	5260	54	5270
56	5280	62	5310
60	5300	-	
64	5320	-	
U-NII-2C Band 5500-5700MHz			
100	5500	102	5510
104	5520	110	5550
108	5540	118	5590
112	5560	134	5670
116	5580	-	-
132	5660	-	-
136	5680	-	-
140	5700	-	-

U-NII-3 Band 5745~5825MHz			
IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20)		IEEE 802.11n(HT40)/ac(VHT40)/ax(HE40)	
Channel	Frequency MHz	Channel	Frequency MHz
149	5745	151	5755
153	5765	159	5795
157	5785	-	-
161	5805	-	-
165	5825	-	-

3. Test Channels and Modes Detail

No.	Mode	Channel	Frequency (MHz)	Remark
1	TX	36	5180	IEEE 802.11a/n(HT20)/ac(HT20) /ax(HE20)
		40	5200	IEEE 802.11a/n(HT20)/ac(HT20) /ax(HE20)
		48	5240	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		52	5260	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		60	5300	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		64	5320	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		100	5500	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		116	5580	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		140	5700	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		149	5745	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		157	5785	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		165	5825	IEEE 802.11a/n(HT20) /ac(HT20) /ax(HE20)
		38	5190	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		46	5230	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		54	5270	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		62	5310	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		102	5510	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		134	5670	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		151	5755	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
		159	5795	IEEE 802.11n(HT40) /ac(VHT40) /ax(HE40)
2.	Normal Mode	---	---	---
Note: TX mode means that the EUT was programmed to be in continuously transmitting mode.				

4. Configuration of EUT



5. Modification of EUT

No modifications are made to the EUT during all test items.

6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Specification	Remarks
1.	Laptop	DELL	VOSTR03400	H3K2XA01	I/P: AC 100-240V 50-60Hz, 1.3A O/P: DC 19.5V 2.31A 45W Power cord: 1.13m unshielded DC Line: 1.15m unshielded with a core	Provided by the Lab
2.	Adapter (For Laptop)	DELL	HA45NM140	ZBH18436		Provided by the Lab
3.	Test fixture	---	---	---	----	Provide by the manufacturer
4.	Router	LINKSYS	WRT3200ACM	060A621419	FCC ID: Q87-WRT3200ACM IC: 3839A-WRT3200ACM	Provided by the Lab
5.	Adapter (for router)	LINKSYS	Mu42-31 20300-A1	2A5C142	1.50m unshielded	Input: AC 100-240V 50/60Hz 1.5A Output: DC 12V 3A

No.	Test Software	Modulation	Power Setting
1.	SecureCRT	IEEE 802.11a	Default
2.		IEEE 802.11n(HT20)	Default
3.		IEEE 802.11ac(VHT20)	Default
4.		IEEE 802.11ax(HE20)	Default
5.		IEEE 802.11n(HT40)	Default
6.		IEEE 802.11ac(VHT40)	Default
7.		IEEE 802.11ax(HE40)	Default

7. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2025 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by ISED, June 08, 2017 The Certificate Registration Number. Is 46405-9743A The CAB identifier number: CN0015
Test Site Location	:	Building D, Gaosheng Science and Technology Park, Hongtu Road, Nancheng District, Dongguan City, Guangdong Province, China

8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 15, Subpart E, 15.407

ANSI C63.10-2013

References Test Guidance:

KDB 789033 D02 v02r01

KDB 905462 D03 v01r02

KDB 905462 D02 v02

9. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

10. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	AC Power Conducted Emission	1-2	AC 120V 60Hz	Sean	See note 1
2.	Max. Conducted Output Power	1	AC 120V 60Hz	Sean	See note 1
3.	26dB Spectrum Bandwidth and 99% Occupied Bandwidth	1	AC 120V 60Hz	Sean	See note 1
4.	6dB Bandwidth	1	AC 120V 60Hz	Sean	See note 1
5.	Power Spectral Density	1	AC 120V 60Hz	Sean	See note 1
6.	Radiated Emissions	1, 2	AC 120V 60Hz	Sean	See note 1,3
7.	Band Edge Emissions	1	AC 120V 60Hz	Sean	See note 1
8.	Frequency Stability	1	AC 120V 60Hz	Sean	See note 1
9.	Antenna Requirement	---	---	---	See note 1
10.	Dynamic Frequency Selection	1	AC 120V 60Hz	Sean	See note 1

Note:

1. The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35℃, 30~70%, 86~106kPa
2. Only the worst case was recorded in the report.

11. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission	150KHz ~ 30MHz	±2.52 dB	---
2.	Radiated Emission Test	9kHz ~ 30MHz	±5.60 dB	---
		30MHz ~ 1GHz	±5.60 dB	---
		1GHz ~ 18GHz	±5.22 dB	---
		18GHz ~ 40GHz	±5.22 dB	---
3.	Conducted Spurious Emissions	10Hz ~ 40GHz	±1.02 dB	---
4.	RF Output Power	10Hz ~ 40GHz	±1.08 dB	---
5.	Power Spectral Density	10Hz ~ 40GHz	±1.08 dB	---
6.	Occupied Channel Bandwidth	---	±1.05%	---
7.	Time	---	±5%	---
8.	Radio Frequency	---	0.8*10-7	---

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The measurement uncertainly levels above are estimated and calculated according to CISPR 16-4-2.
3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

12. Sample Calculations

Conducted Emission						
Freq. (MHz)	**Reading Level (dBuV)**	**Correct Factor (dB)**	**Measurement (dBuV)**	**Limit (dBuV)**	**Over (dB)**	**Detector**
0.1900	30.10	10.60	40.70	79.00	-38.30	QP

Where,

Freq. = Emission frequency in MHz

Reading Level = Spectrum Analyzer/Receiver reading

Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation

Measurement = Reading + Corrector Factor

Limit = Limit stated in standard

Margin = Measurement - Limit

Detector = Reading for Quasi-Peak / Average / Peak

Radiated Spurious Emissions and Restricted Bands						
Freq. (MHz)	**Reading Level (dBuV)**	**Correct Factor (dB/m)**	**Measurement (dBuV/m)**	**Limit (dBuV/m)**	**Over (dB)**	**Detector**
60.0700	45.88	-18.38	27.50	49.00	-21.50	QP

Where,

Freq. = Emission frequency in MHz

Reading Level = Spectrum Analyzer/Receiver reading

Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier

Measurement = Reading + Corrector Factor

Limit = Limit stated in standard

Over = Margin, which calculated by Measurement - Limit

Detector = Reading for Quasi-Peak / Average / Peak

Note: For all conducted test items, the spectrum analyzer offset or transducer is derived from RF cable loss and attenuator factor. The offset or transducer is equal to the RF cable loss plus attenuator factor.

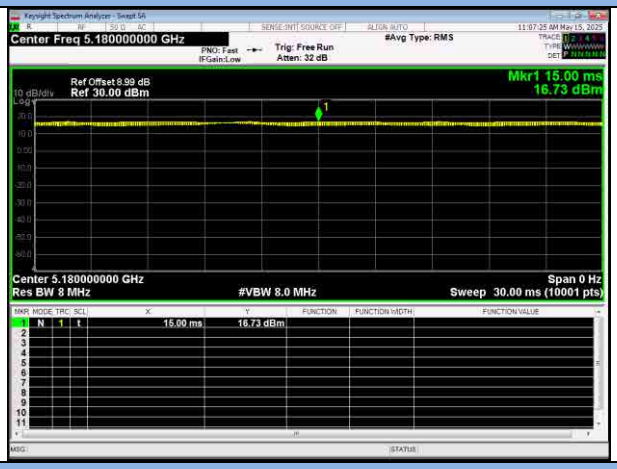
13. Duty cycle

Operation Band (MHz)	Mode	Ton (ms)	Ton+off (ms)	Duty Cycle (%)	1/T minimum VBW (kHz)	Duty Cycle Factor (dB)
U-NII-1	802.11a	30	30	100.00%	0	0
	802.11n(HT20)	30	30	100.00%	0	0
	802.11n(HT40)	30	30	100.00%	0	0
	802.11ac(VHT20)	30	30	100.00%	0	0
	802.11ac(VHT40)	30	30	100.00%	0	0
	802.11ax(HE20)	30	30	100.00%	0	0
	802.11ax(HE40)	30	30	100.00%	0	0
U-NII-2A	802.11a	30	30	100.00%	0	0
	802.11n(HT20)	30	30	100.00%	0	0
	802.11n(HT40)	30	30	100.00%	0	0
	802.11ac(VHT20)	30	30	100.00%	0	0
	802.11ac(VHT40)	30	30	100.00%	0	0
	802.11ax(HE20)	30	30	100.00%	0	0
	802.11ax(HE40)	30	30	100.00%	0	0
U-NII-2C	802.11a	30	30	100.00%	0	0
	802.11n(HT20)	30	30	100.00%	0	0
	802.11n(HT40)	30	30	100.00%	0	0
	802.11ac(VHT20)	30	30	100.00%	0	0
	802.11ac(VHT40)	30	30	100.00%	0	0
	802.11ax(HE20)	30	30	100.00%	0	0
	802.11ax(HE40)	30	30	100.00%	0	0
U-NII-3	802.11a	30	30	100.00%	0	0
	802.11n(HT20)	30	30	100.00%	0	0
	802.11n(HT40)	30	30	100.00%	0	0
	802.11ac(VHT20)	30	30	100.00%	0	0
	802.11ac(VHT40)	30	30	100.00%	0	0
	802.11ax(HE20)	30	30	100.00%	0	0
	802.11ax(HE40)	30	30	100.00%	0	0

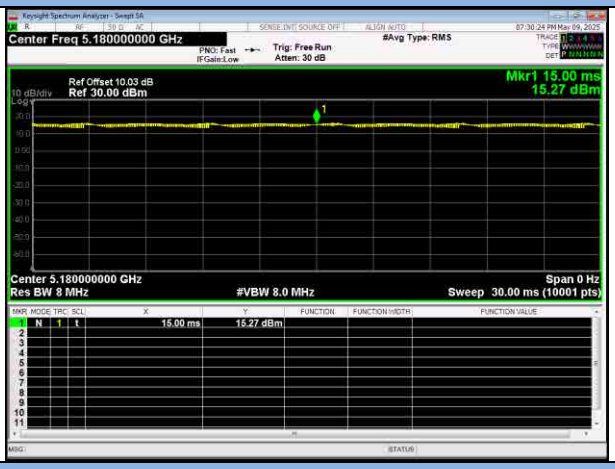
Remark: Duty Cycle= (Ton/ Ton+off)*100%
Duty Cycle factor=10*log(1/ Duty cycle)

U-NII-1 Band

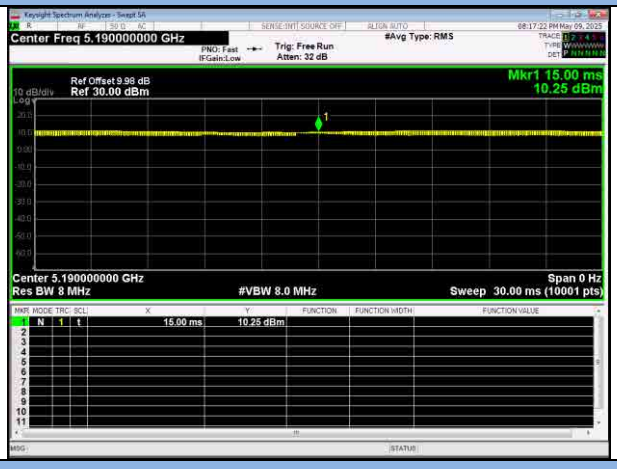
IEEE 802.11a



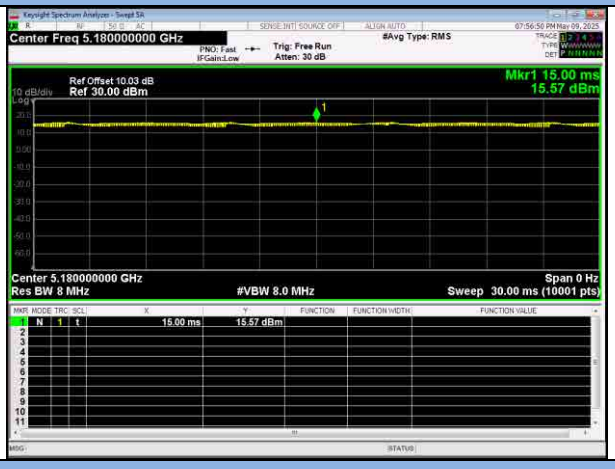
IEEE 802.11n(HT20)



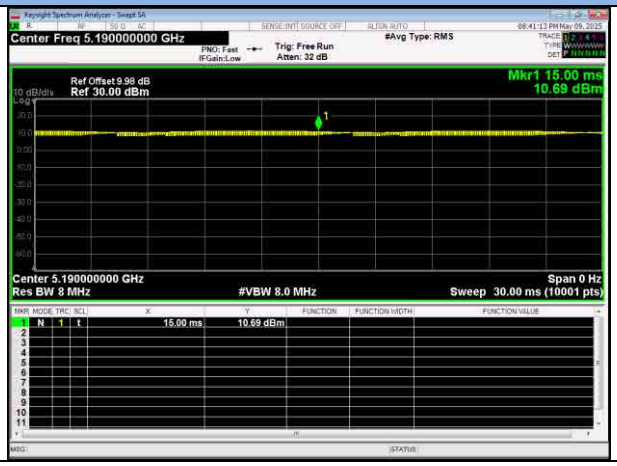
IEEE 802.11n(HT40)



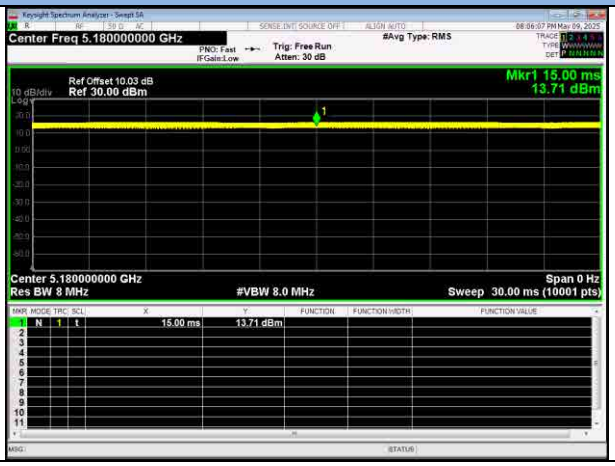
IEEE 802.11ac(VHT20)

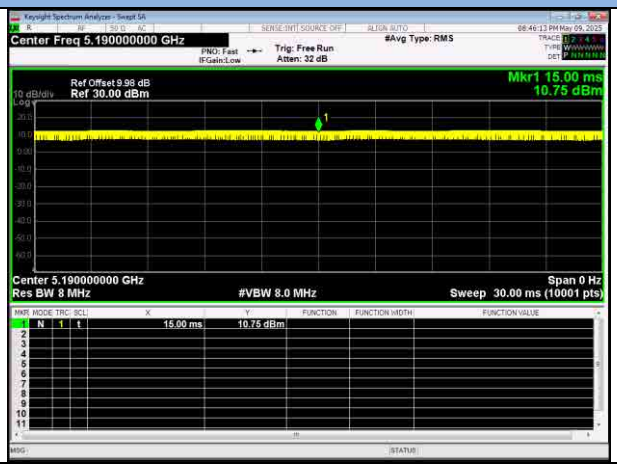


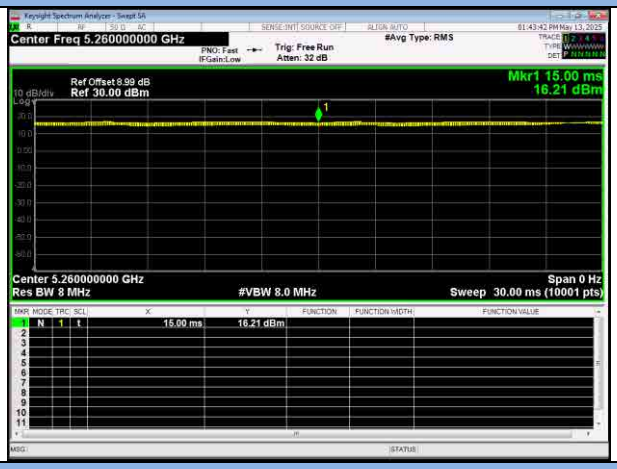
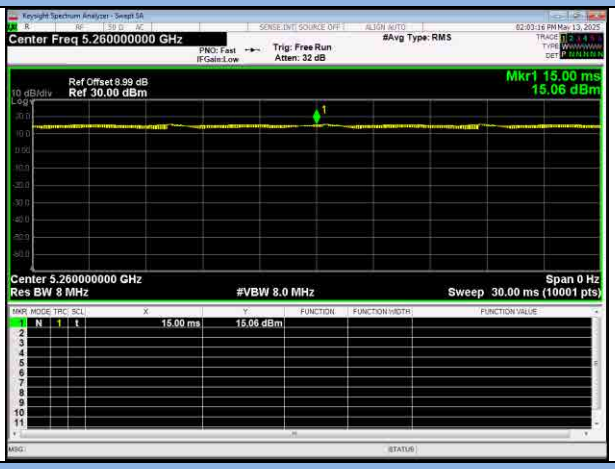
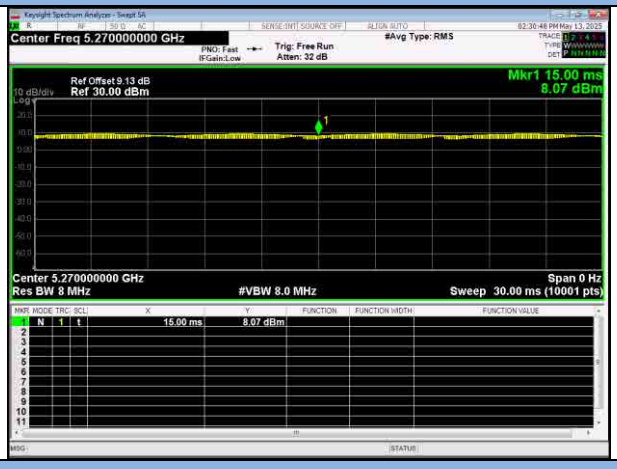
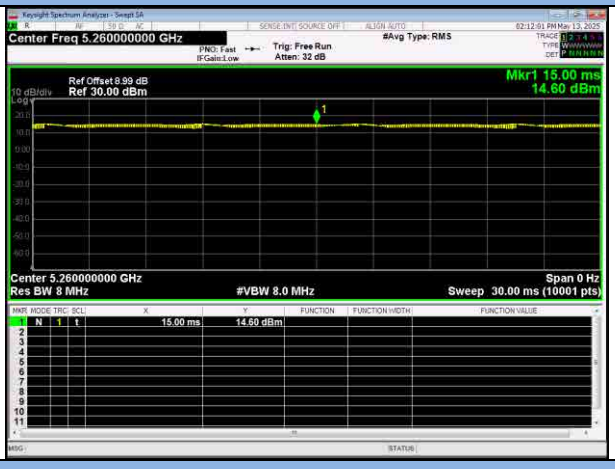
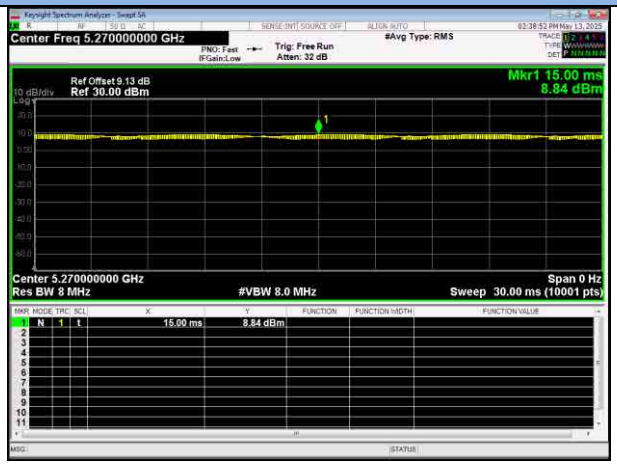
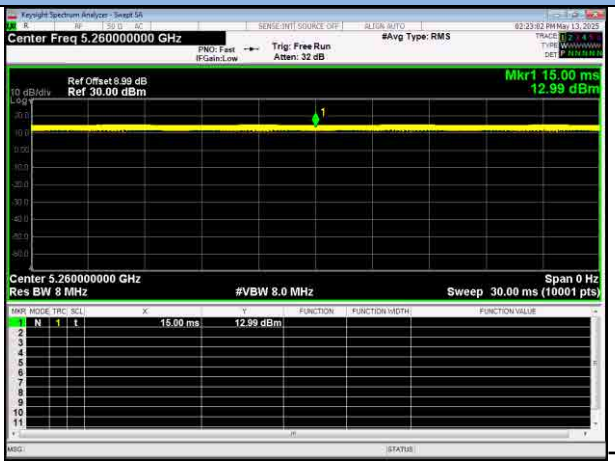
IEEE 802.11ac(VHT40)

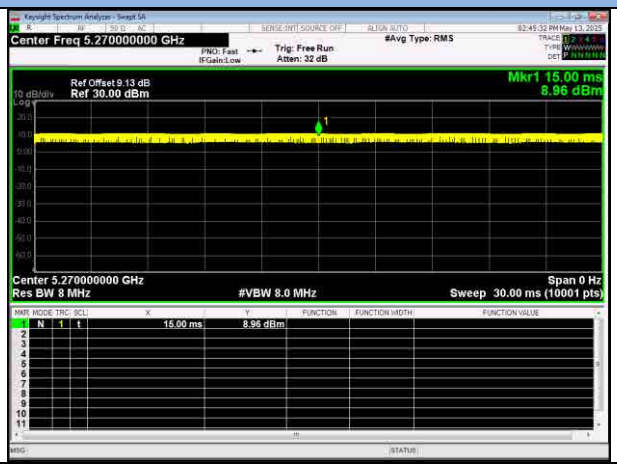


IEEE 802.11ax(HE20)



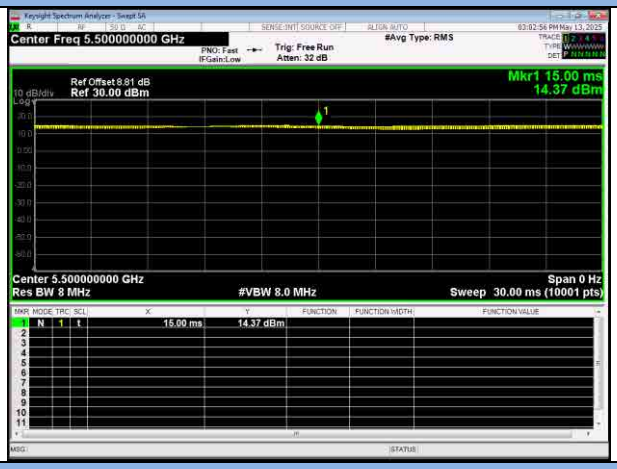
IEEE 802.11ax(HE40)	---
	----

U-NII-2A Band	
IEEE 802.11a	**IEEE 802.11n(HT20)**
	
IEEE 802.11n(HT40)	**IEEE 802.11ac(VHT20)**
	
IEEE 802.11ac(VHT40)	**IEEE 802.11ax(HE20)**
	

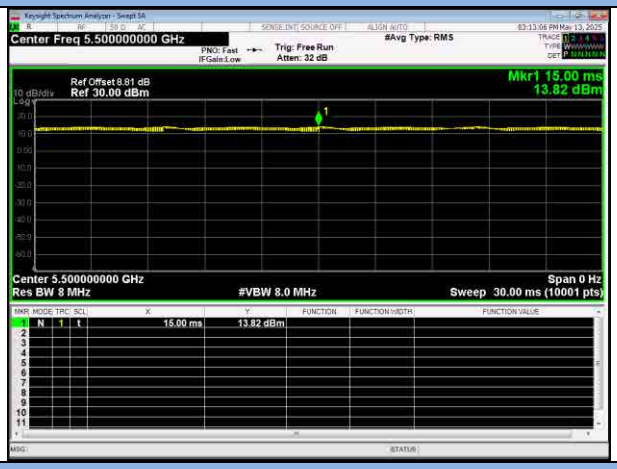
IEEE 802.11ax(HE40)	---
	----

U-NII-2C Band

IEEE 802.11a



IEEE 802.11n(HT20)



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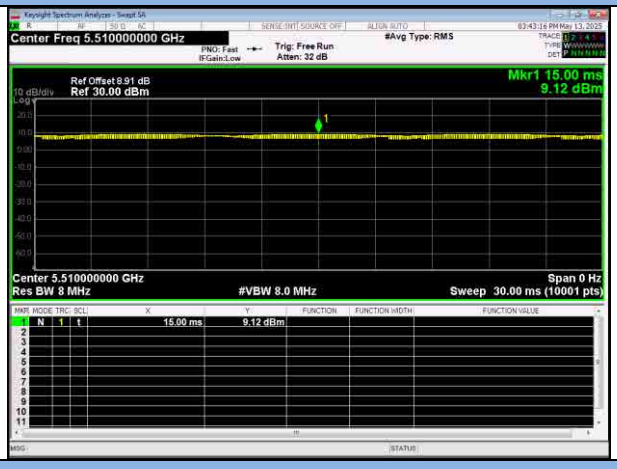
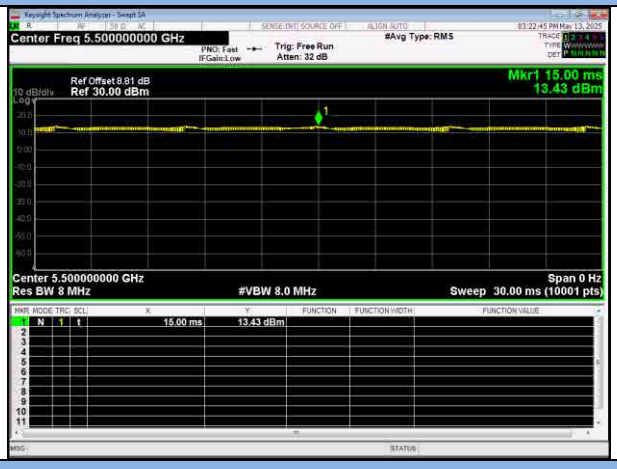
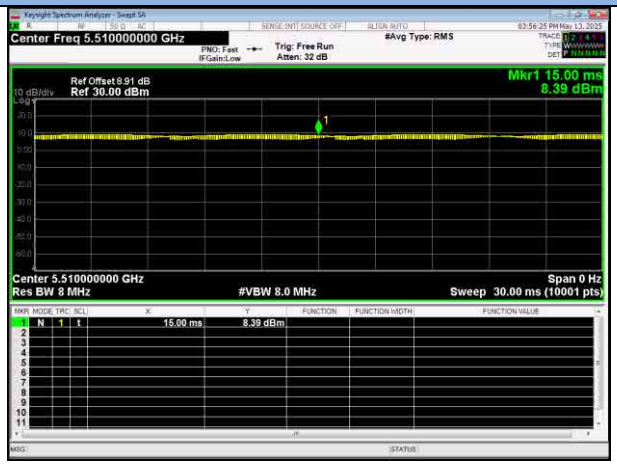


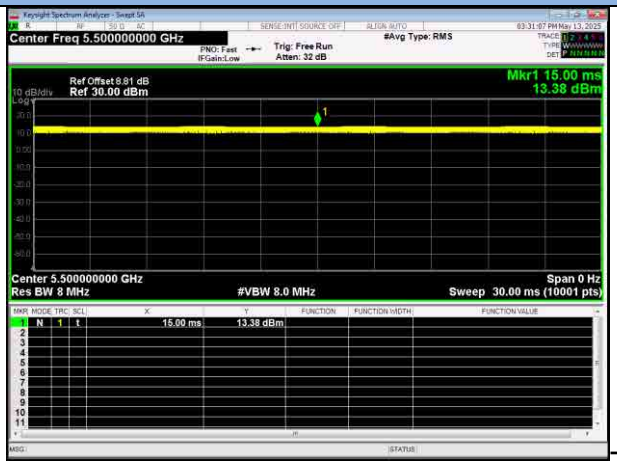
IEEE 802.11ac(VHT20)

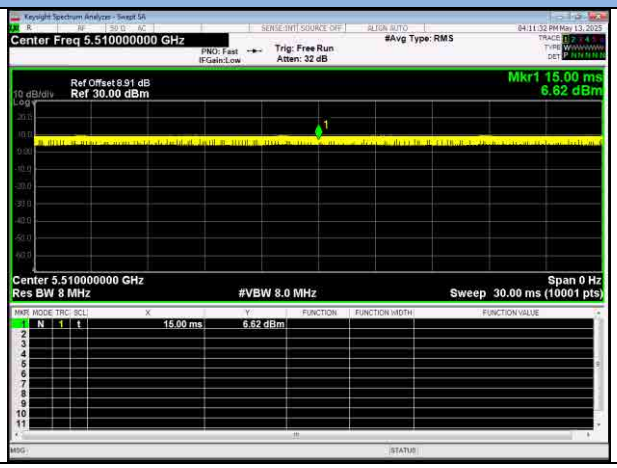


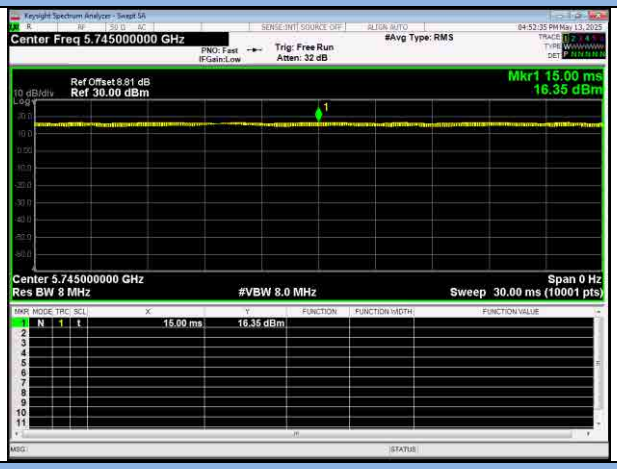
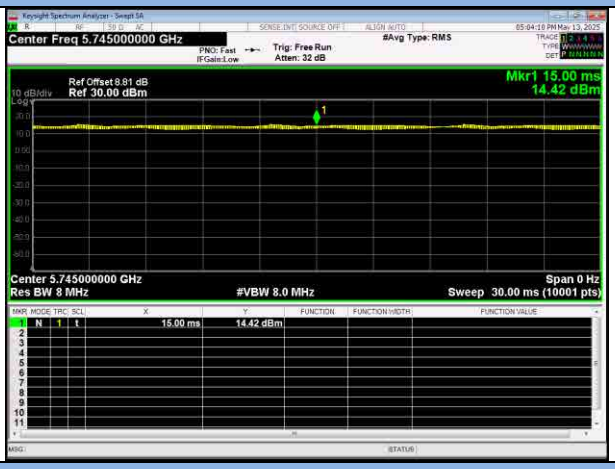
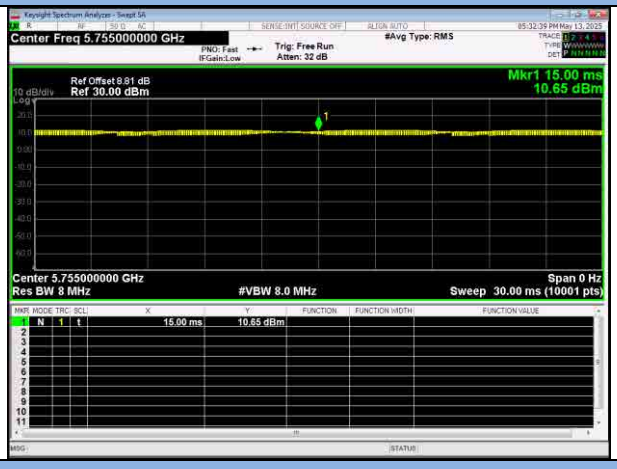
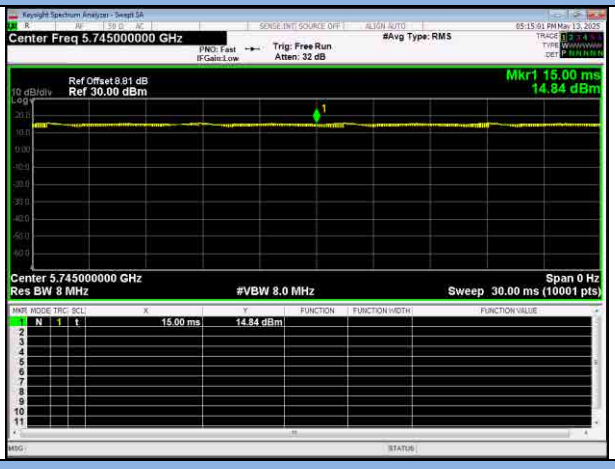
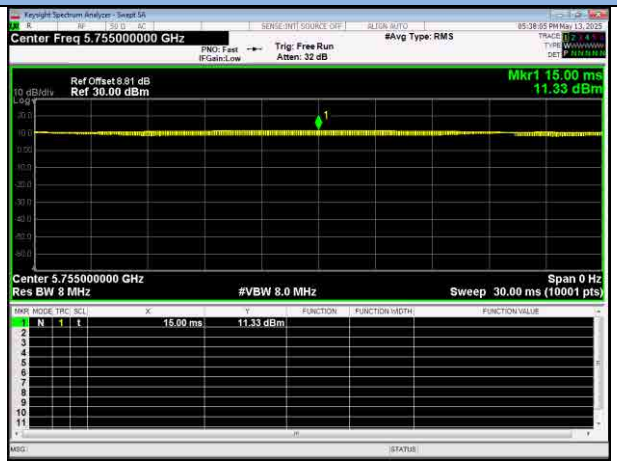
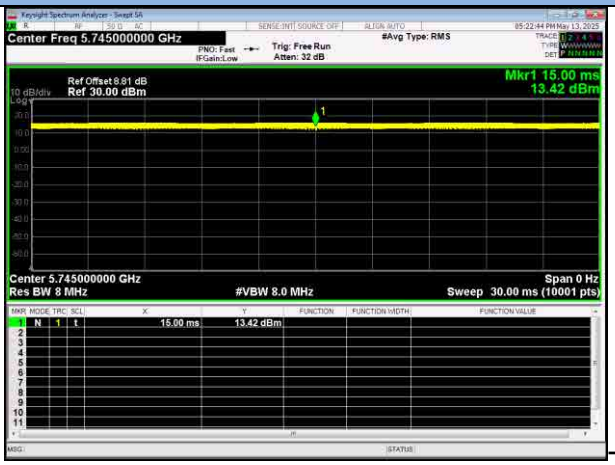
IEEE 802.11ac(VHT40)

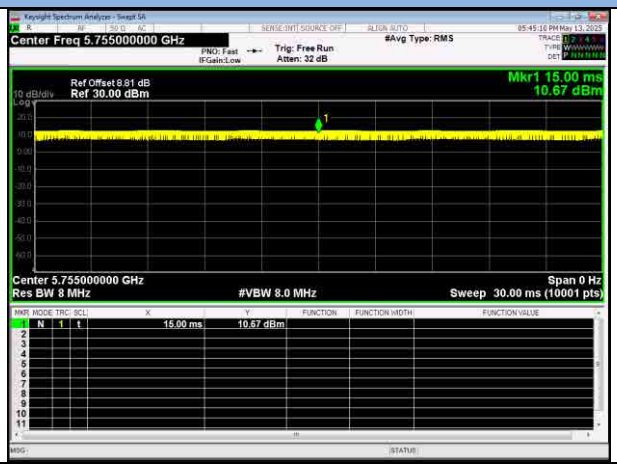


IEEE 802.11ax(HE20)



IEEE 802.11ax(HE40)	---
	----

U-NII-3 Band	
IEEE 802.11a	**IEEE 802.11n(HT20)**
	
IEEE 802.11n(HT40)	**IEEE 802.11ac(VHT20)**
	
IEEE 802.11ac(VHT40)	**IEEE 802.11ax(HE20)**
	

IEEE 802.11ax(HE40)	---
	----

14. Test Items and Results

14.1 Conducted Emissions Measurement

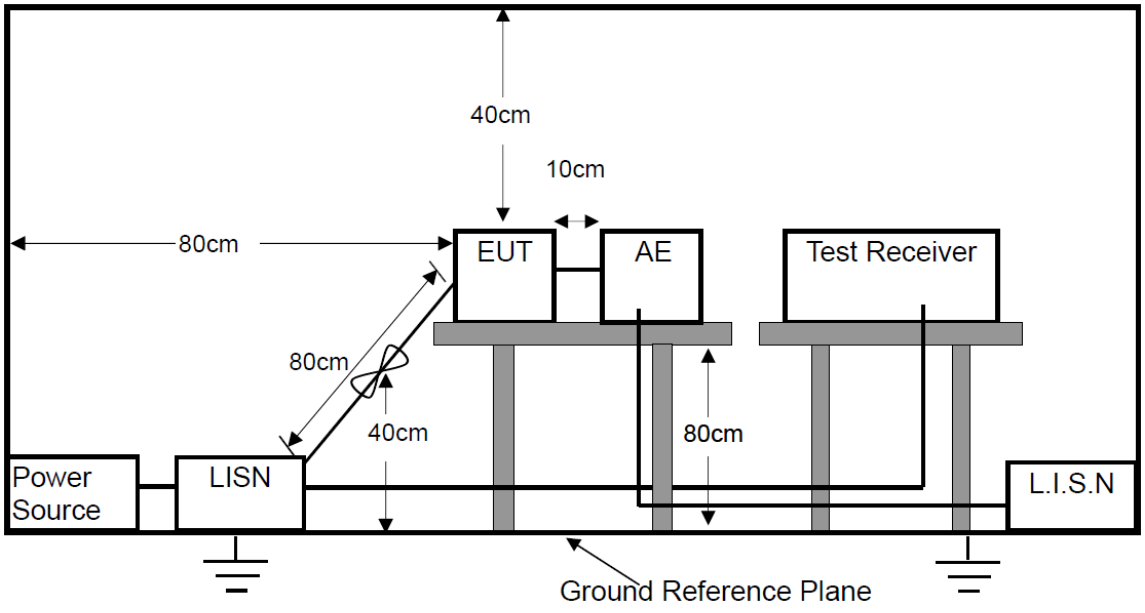
LIMITS

According to the requirements of FCC PART 15.207, the limits are as follows:

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

Note: 1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.
2. The lower limit shall apply at the transition frequencies.
3. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.

b. All I/O cables and support devices were positioned as per ANSI C63.10.

c. Connect mains power port of the EUT to a line impedance stabilization network (LISN).

d. Connect all support devices to the other LISN and AAN, if needed.

e. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for maximum conducted interference checking and record the test data.

TEST RESULTS

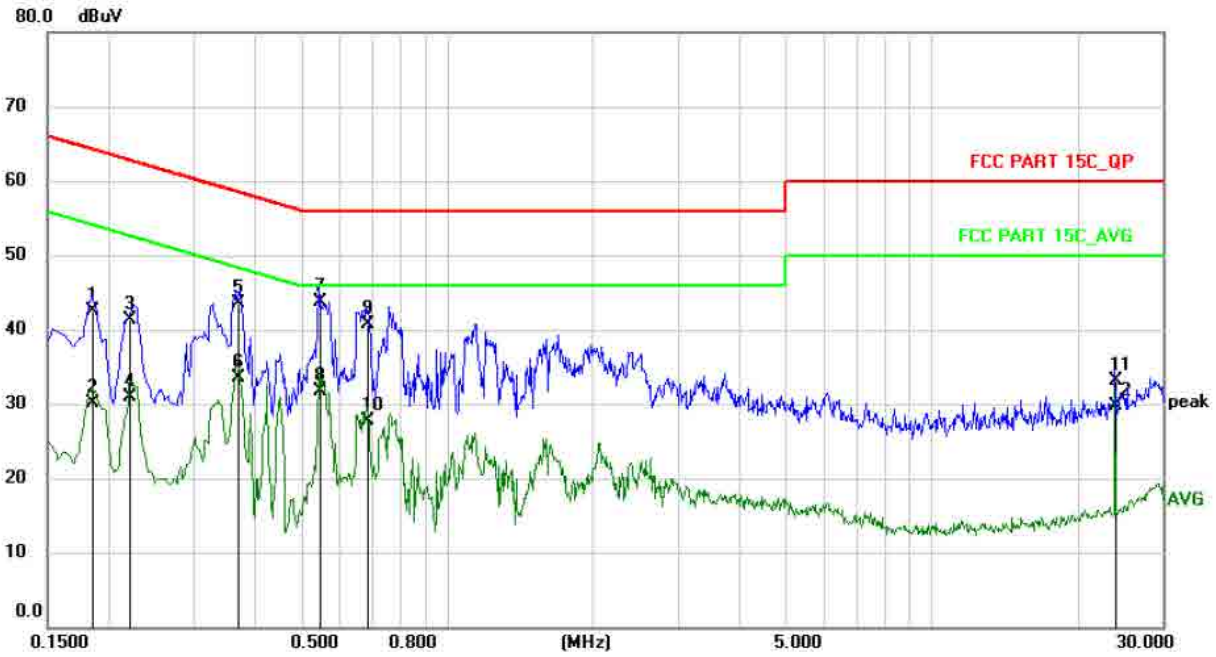
PASS

Please refer to the following pages.

M/N: SEC5000/CAM2/RP	Testing Voltage: AC 120V/60Hz
Phase: L1	Detector: QP & AVG
Test Mode: 2	

Conducted Emission Measurement

Date: 2025/5/12 Time: 18:09:28

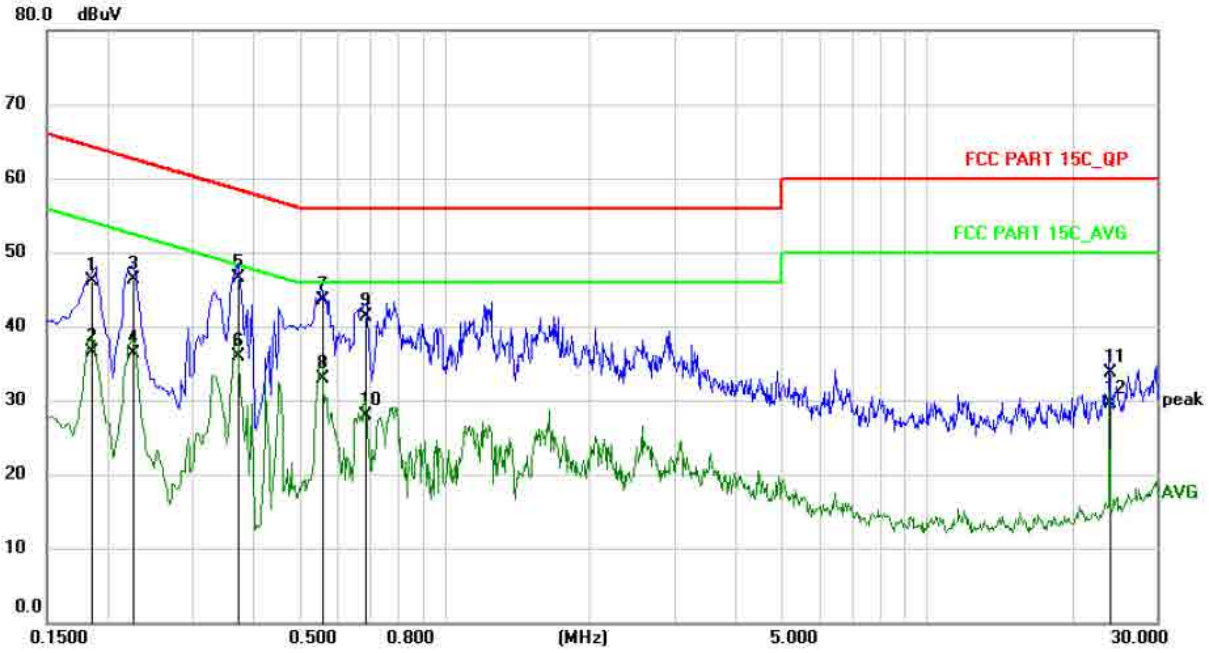


No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1859	21.76	20.84	42.60	64.22	-21.62	QP	
2	0.1859	9.36	20.84	30.20	54.22	-24.02	AVG	
3	0.2220	20.46	20.94	41.40	62.74	-21.34	QP	
4	0.2220	9.96	20.94	30.90	52.74	-21.84	AVG	
5	0.3700	22.33	21.17	43.50	58.50	-15.00	QP	
6	0.3700	12.33	21.17	33.50	48.50	-15.00	AVG	
7 *	0.5460	22.55	21.15	43.70	56.00	-12.30	QP	
8	0.5460	10.55	21.15	31.70	46.00	-14.30	AVG	
9	0.6860	19.64	21.16	40.80	56.00	-15.20	QP	
10	0.6860	6.54	21.16	27.70	46.00	-18.30	AVG	
11	23.9980	12.70	20.50	33.20	60.00	-26.80	QP	
12	23.9980	9.30	20.50	29.80	50.00	-20.20	AVG	

M/N: SEC5000/CAM2/RP	Testing Voltage: AC 120V/60Hz
Phase: N	Detector: QP & AVG
Test Mode: 2	

Conducted Emission Measurement

Date: 2025/5/12 Time: 18:14:35



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1859	25.30	20.80	46.10	64.22	-18.12	QP	
2	0.1859	15.80	20.80	36.60	54.22	-17.62	AVG	
3	0.2260	25.38	20.92	46.30	62.60	-16.30	QP	
4	0.2260	15.48	20.92	36.40	52.60	-16.20	AVG	
5 *	0.3740	25.37	21.13	46.50	58.41	-11.91	QP	
6	0.3740	14.77	21.13	35.90	48.41	-12.51	AVG	
7	0.5580	22.38	21.12	43.50	56.00	-12.50	QP	
8	0.5580	11.78	21.12	32.90	46.00	-13.10	AVG	
9	0.6860	20.18	21.12	41.30	56.00	-14.70	QP	
10	0.6860	6.88	21.12	28.00	46.00	-18.00	AVG	
11	23.9980	13.35	20.45	33.80	60.00	-26.20	QP	
12	23.9980	9.05	20.45	29.50	50.00	-20.50	AVG	

14.2 Maximum Conducted Output Power Measurement

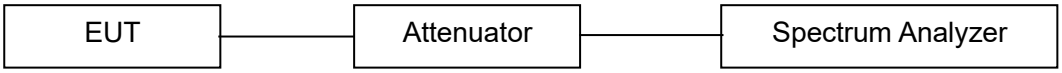
LIMITS

Operation Band	EUT category	Limit
☒5180~5240MHz	☐Outdoor Access Point	1 Watt (30dBm) (Max. e.i.r.p ≤ 125mW(21dBm) at any elevation angle above 30 degrees as measured from the horizon)
	☐Fixed point-to-point Access Point	1 Watt (30dBm)
	☐Indoor Access Point	1 Watt (30dBm) see note 1
	☒Mobile and Portable client device	250mW (24dBm) see note 2
☒5260~5320MHz	-	250mW (24dBm) or (11+10log10B*) dBm whichever power is less.
☒5500~5700MHz	-	250mW (24dBm) or (11+10log10B*) dBm whichever power is less.
☒5745~5825MHz	-	1 Watt (30dBm)

Note:

1. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed l W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any l megahertz, band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional the antenna exceeds 6 dBi.
2. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any l megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
4. *Where B is the 26dB emission bandwidth in megahertz.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

ANSI C63.10 - 2013, Section 11.9.2.2.4

TEST RESULTS

PASS

Please refer to the following tables.

U-NII-1			
Frequency MHz	Data Rate Mbps	Average Output Power dBm	Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5180	6	12.40	23.97
Channel: 5200	6	12.18	23.97
Channel: 5240	6	11.56	23.97
IEEE 802.11n(HT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5180	MCS 0	12.50	23.97
Channel: 5200	MCS 0	12.11	23.97
Channel: 5240	MCS 0	11.57	23.97
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5190	MCS 0	11.95	23.97
Channel: 5230	MCS 0	11.03	23.97
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5180	MCS 0	12.30	23.97
Channel: 5200	MCS 0	12.55	23.97
Channel: 5240	MCS 0	11.47	23.97
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5190	MCS 0	11.91	23.97
Channel: 5230	MCS 0	11.04	23.97
IEEE 802.11ax(HE20) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5180	MCS 0	12.36	23.97
Channel: 5200	MCS 0	12.36	23.97
Channel: 5240	MCS 0	11.28	23.97
IEEE 802.11ax(HE40) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5190	MCS 0	11.90	23.97
Channel: 5230	MCS 0	10.93	23.97
Note: Duty Cycle Factor was considered during the test.			

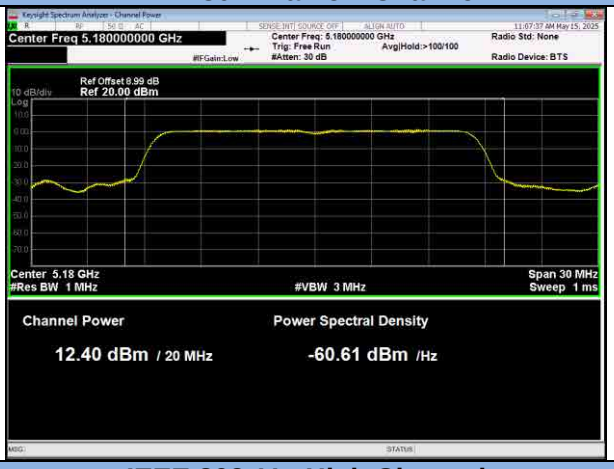
U-NII-2A			
Frequency MHz	Data Rate Mbps	Average Output Power dBm	Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5260	6	12.48	23.25
Channel: 5300	6	11.60	23.25
Channel: 5320	6	11.33	23.25
IEEE 802.11n(HT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5260	MCS 0	11.97	23.56
Channel: 5300	MCS 0	11.15	23.56
Channel: 5320	MCS 0	11.58	23.56
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5270	MCS 0	10.15	23.97
Channel: 5310	MCS 0	9.95	23.97
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5260	MCS 0	11.80	23.56
Channel: 5300	MCS 0	11.48	23.56
Channel: 5320	MCS 0	11.55	23.56
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5270	MCS	10.38	23.97
Channel: 5310	MCS 0	9.83	23.97
IEEE 802.11ax(HE20) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5260	MCS 0	11.54	23.89
Channel: 5300	MCS 0	10.95	23.89
Channel: 5320	MCS 0	10.33	23.89
IEEE 802.11ax(HE40) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5270	MCS 0	10.38	23.97
Channel: 5310	MCS 0	9.91	23.97
Note: Duty Cycle Factor was considered during the test.			

U-NII-2C			
Frequency MHz	Data Rate Mbps	Average Output Power dBm	Limit dBm
IEEE 802.11a Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5500	6	10.29	23.25
Channel: 5580	6	10.63	23.25
Channel: 5700	6	9.75	23.25
IEEE 802.11n(HT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5500	MCS 0	10.59	23.56
Channel: 5580	MCS 0	10.92	23.56
Channel: 5700	MCS 0	10.09	23.56
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5510	MCS 0	9.60	23.97
Channel: 5550	MCS 0	9.23	23.97
Channel: 5670	MCS 0	9.68	23.97
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5500	MCS 0	10.50	23.56
Channel: 5580	MCS 0	10.39	23.56
Channel: 5700	MCS 0	9.48	23.56
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5510	MCS 0	9.73	23.97
Channel: 5550	MCS 0	8.39	23.97
Channel: 5670	MCS 0	8.67	23.97
IEEE 802.11ax (HE20) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5500	MCS 0	10.11	23.89
Channel: 5580	MCS 0	10.43	23.89
Channel: 5700	MCS 0	9.49	23.89
IEEE 802.11ax (HE40) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5510	MCS 0	8.83	23.97
Channel: 5550	MCS 0	9.54	23.97
Channel: 5670	MCS 0	9.99	23.97
Note: Duty Cycle Factor was considered during the test.			

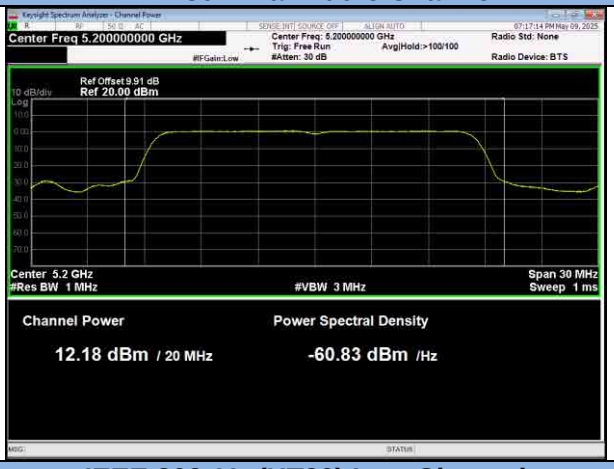
U-NII-3			
Frequency MHz	Data Rate Mbps	Average Output Power dBm	Limit dBm
IEEE 802.11a Mode (OFDMA Antenna Gain=6.03dBi)			
Channel: 5745	6	12.33	29.97
Channel: 5785	6	12.30	29.97
Channel: 5825	6	11.72	29.97
IEEE 802.11n(HT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5745	MCS 0	12.52	29.97
Channel: 5785	MCS 0	12.10	29.97
Channel: 5825	MCS 0	11.49	29.97
IEEE 802.11n(HT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5755	MCS 0	12.20	29.97
Channel: 5795	MCS 0	11.51	29.97
IEEE 802.11ac (VHT20) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5745	MCS 0	12.49	29.97
Channel: 5785	MCS 0	12.06	29.97
Channel: 5825	MCS 0	11.49	29.97
IEEE 802.11ac (VHT40) Mode (OFDM, Antenna Gain=6.03dBi)			
Channel: 5755	MCS 0	12.14	29.97
Channel: 5795	MCS 0	11.45	29.97
IEEE 802.11ax (HE20) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5745	MCS 0	12.56	29.97
Channel: 5785	MCS 0	12.17	29.97
Channel: 5825	MCS 0	11.48	29.97
IEEE 802.11ax (HE40) Mode (OFDMA, Antenna Gain=6.03dBi)			
Channel: 5755	MCS 0	12.09	29.97
Channel: 5795	MCS 0	11.41	29.97
Note: Duty Cycle Factor was considered during the test.			

U-NII-1 Band

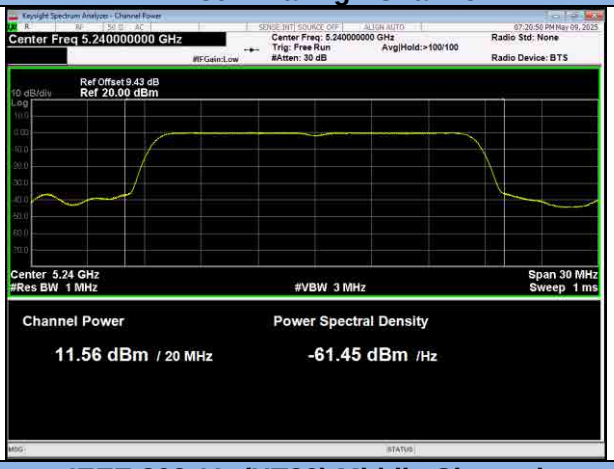
IEEE 802.11a Low Channel



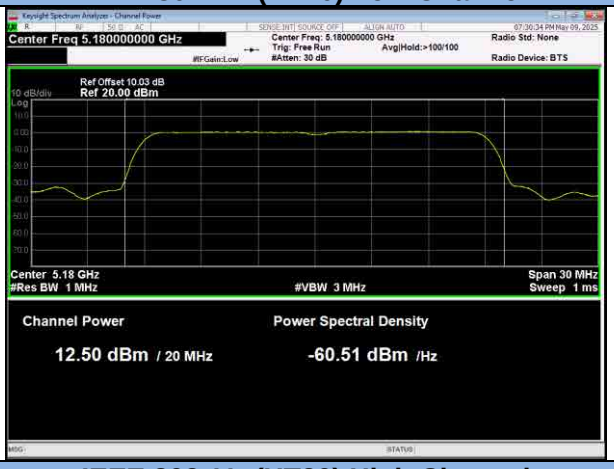
IEEE 802.11a Middle Channel



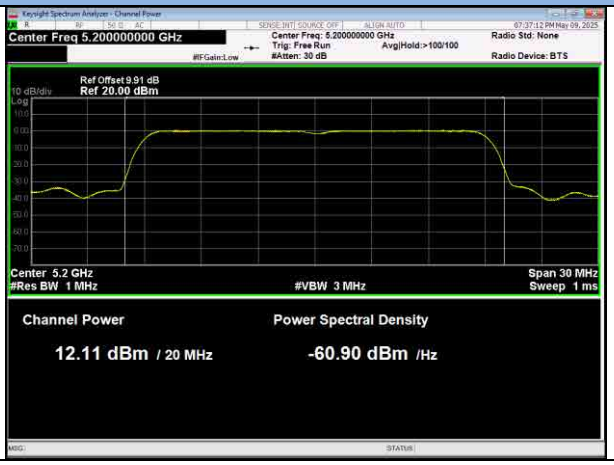
IEEE 802.11a High Channel



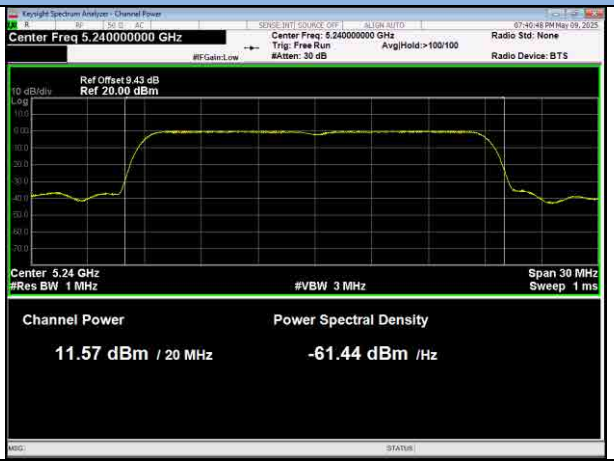
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

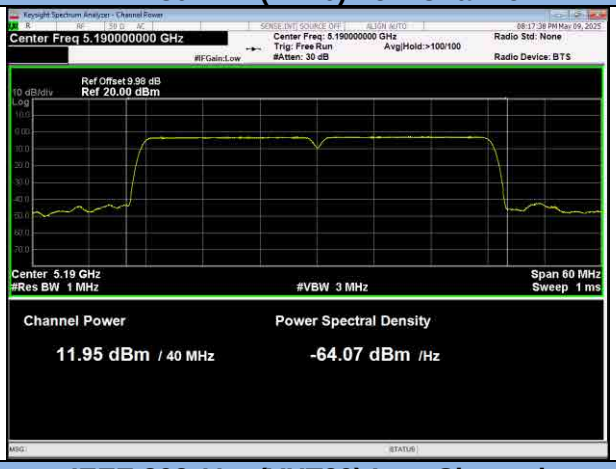


IEEE 802.11n(HT20) High Channel

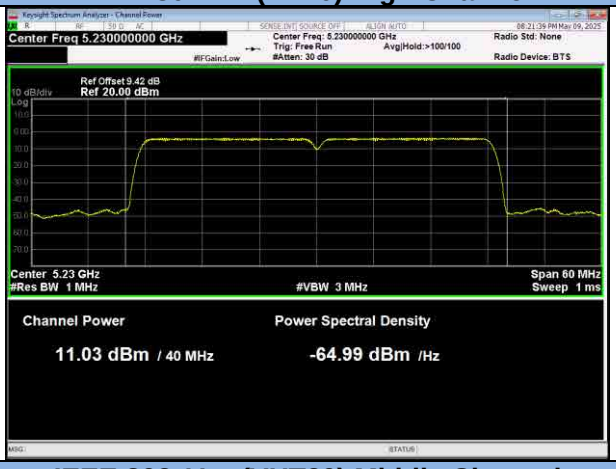


U-NII-1 Band

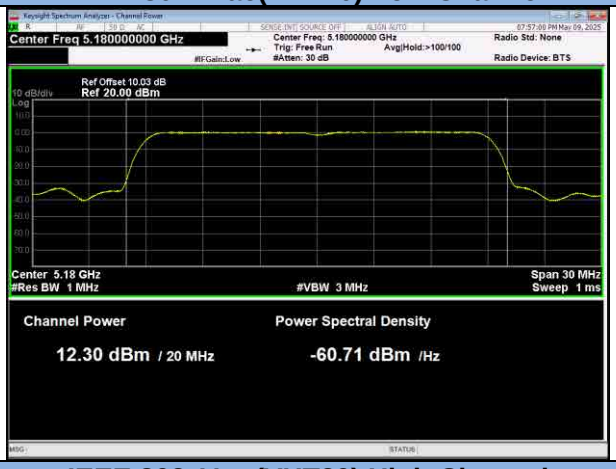
IEEE 802.11n(HT40) Low Channel



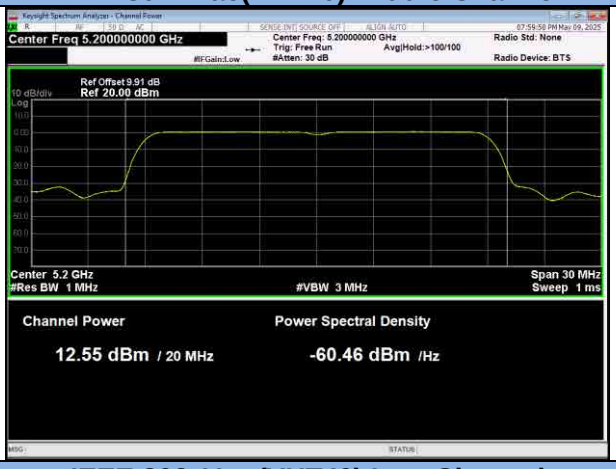
IEEE 802.11n(HT40) High Channel



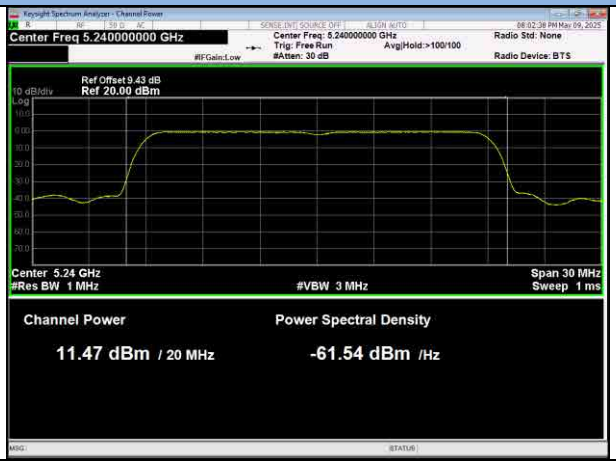
IEEE 802.11ac(VHT20) Low Channel



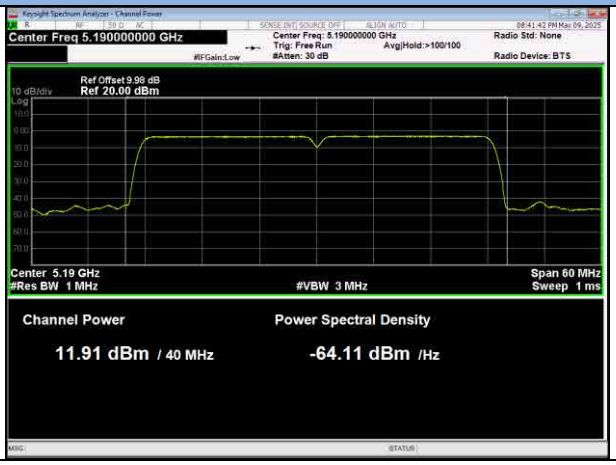
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

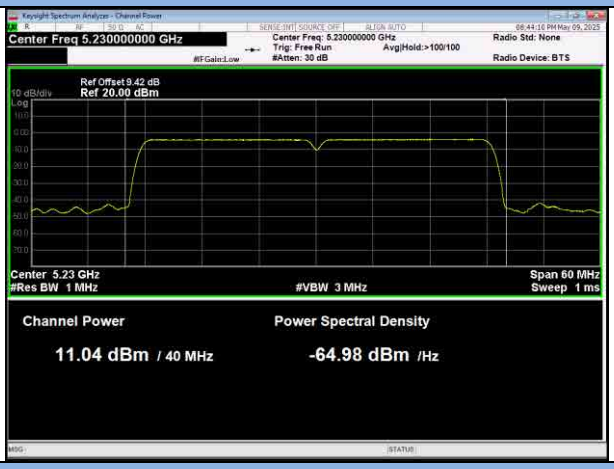


IEEE 802.11ac(VHT40) Low Channel

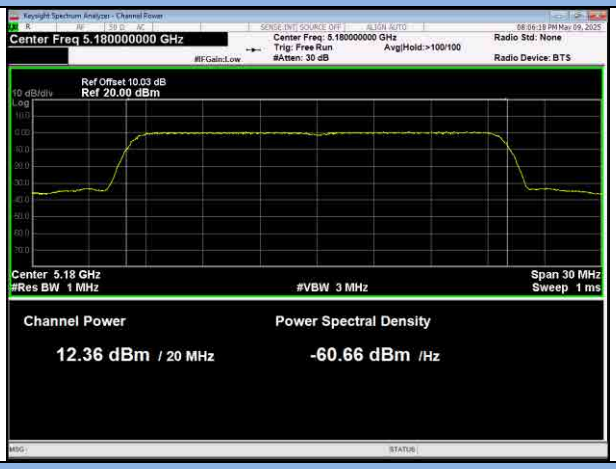


U-NII-1 Band

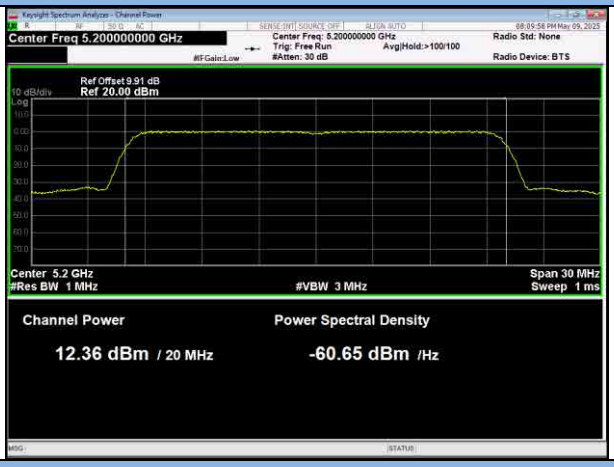
IEEE 802.11ac(VHT40) High Channel



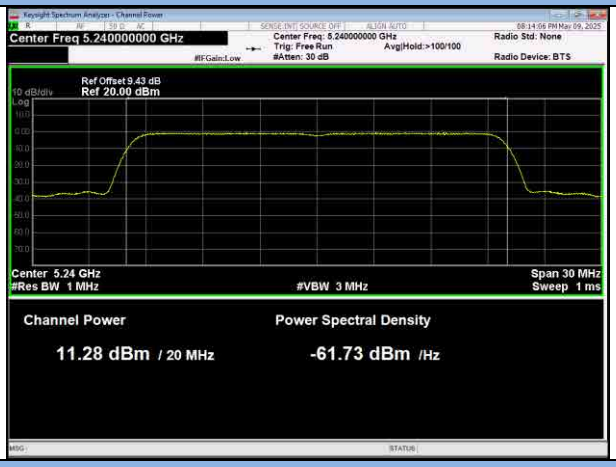
IEEE 802.11ax(HE20) Low Channel



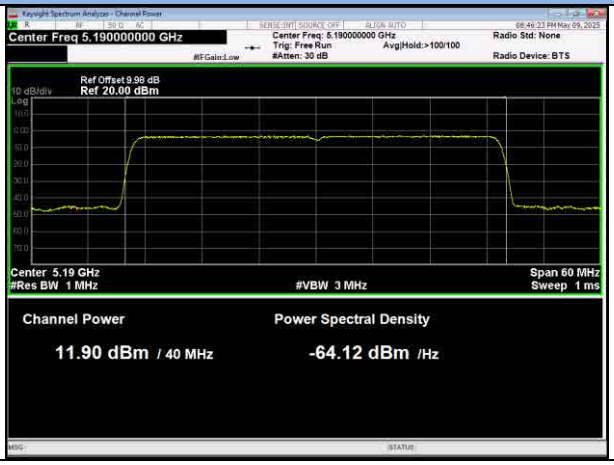
IEEE 802.11ax(HE20) Middle Channel



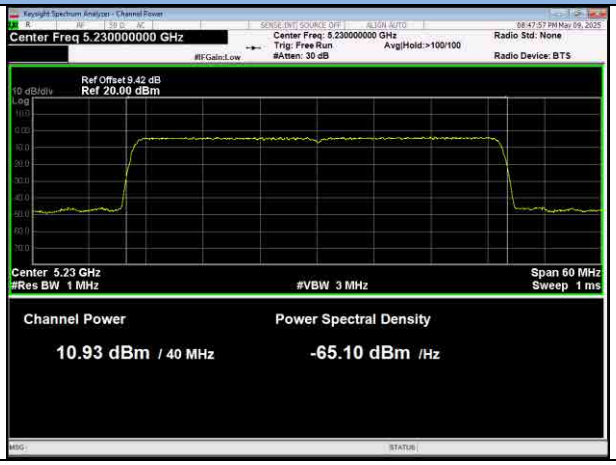
IEEE 802.11ax(HE20) High Channel



IEEE 802.11ax(HE40) Low Channel

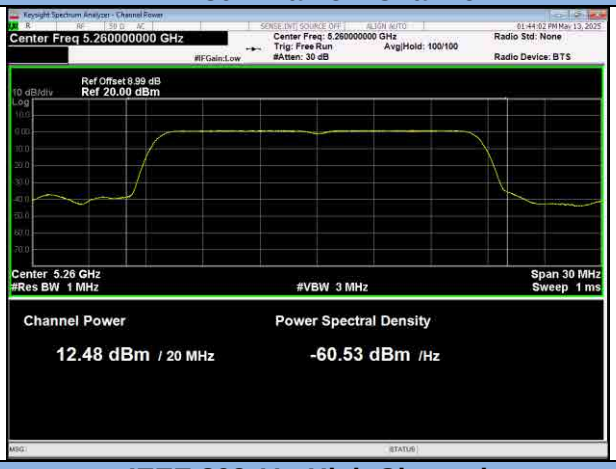


IEEE 802.11ax(HE40) High Channel

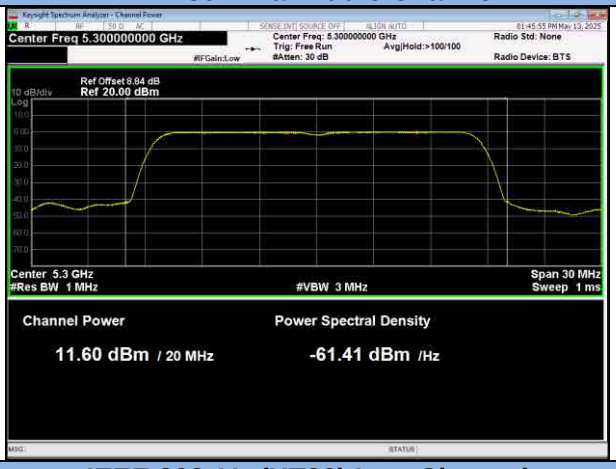


U-NII-2A Band

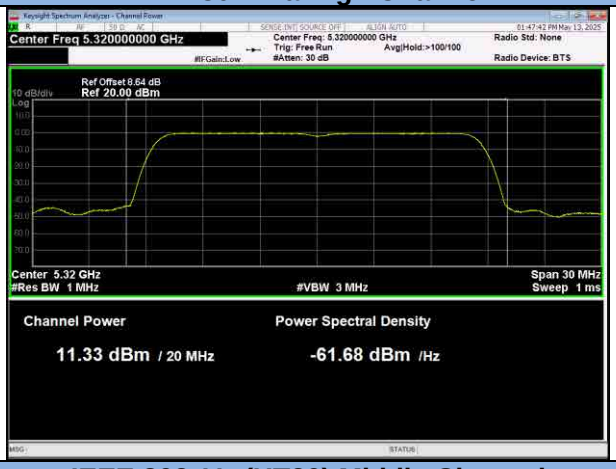
IEEE 802.11a Low Channel



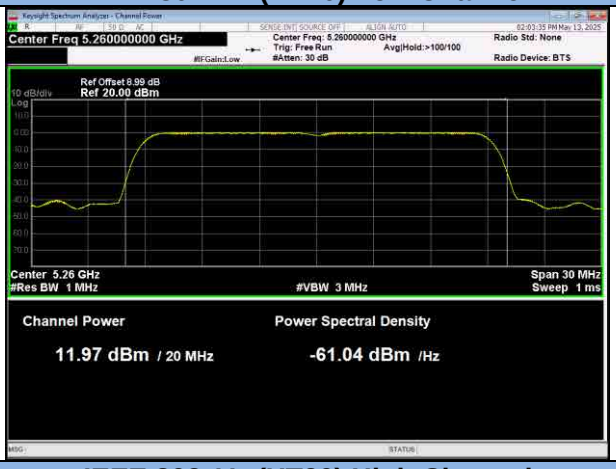
IEEE 802.11a Middle Channel



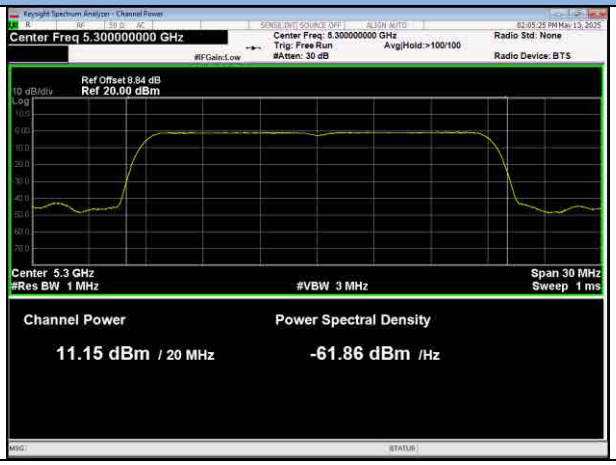
IEEE 802.11a High Channel



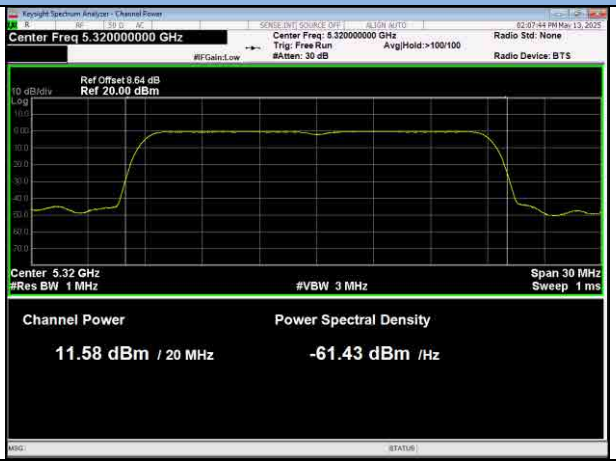
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

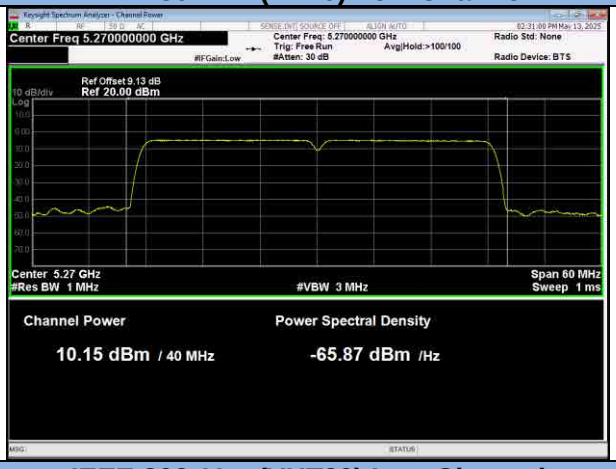


IEEE 802.11n(HT20) High Channel

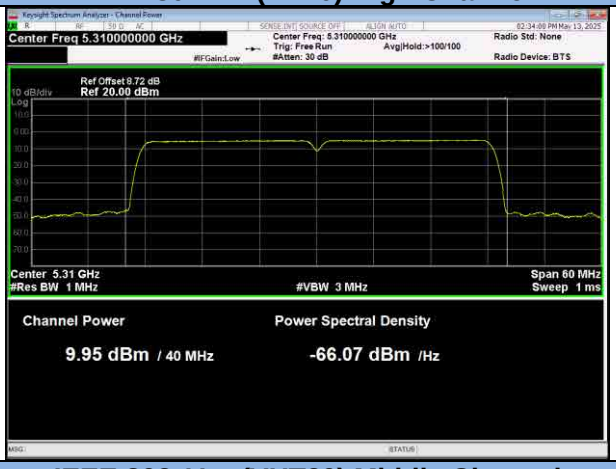


U-NII-2A Band

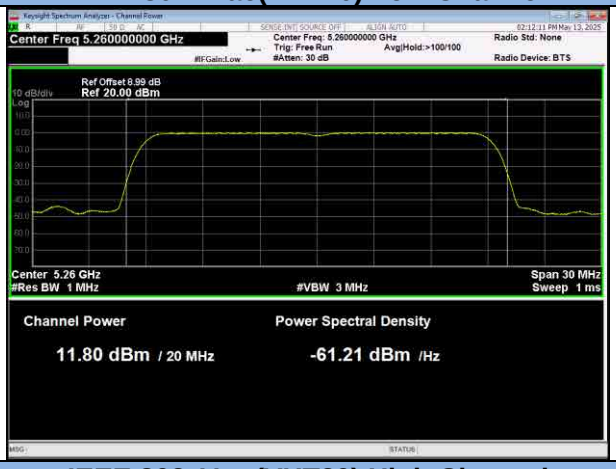
IEEE 802.11n(HT40) Low Channel



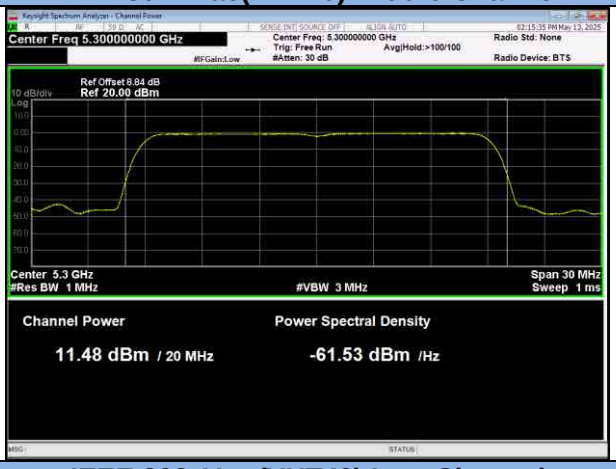
IEEE 802.11n(HT40) High Channel



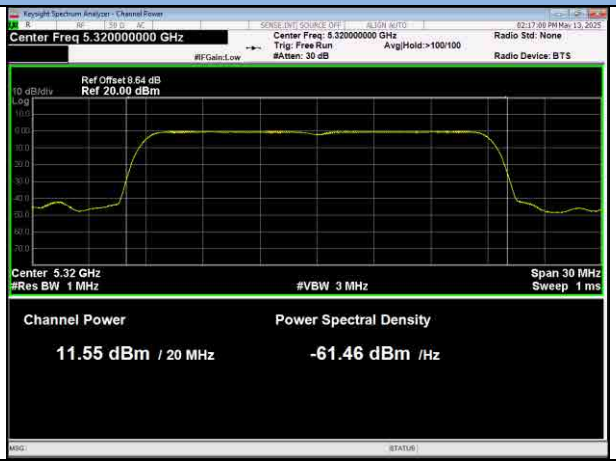
IEEE 802.11ac(VHT20) Low Channel



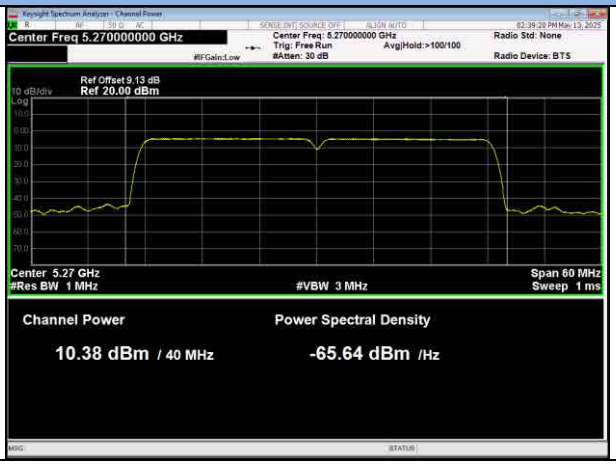
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

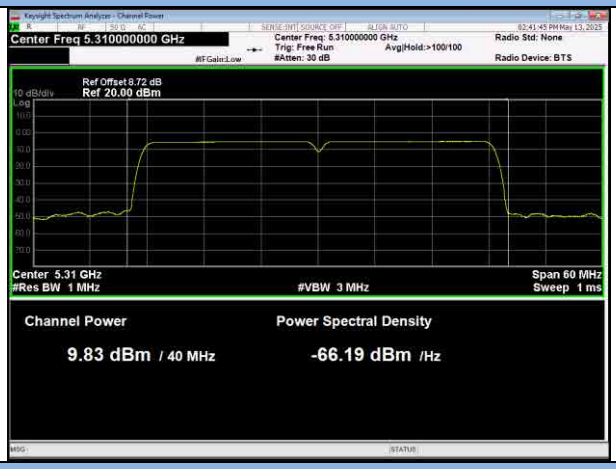


IEEE 802.11ac(VHT40) Low Channel

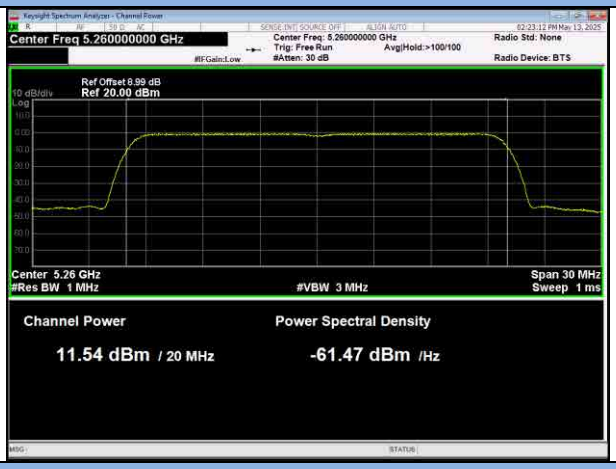


U-NII-2A Band

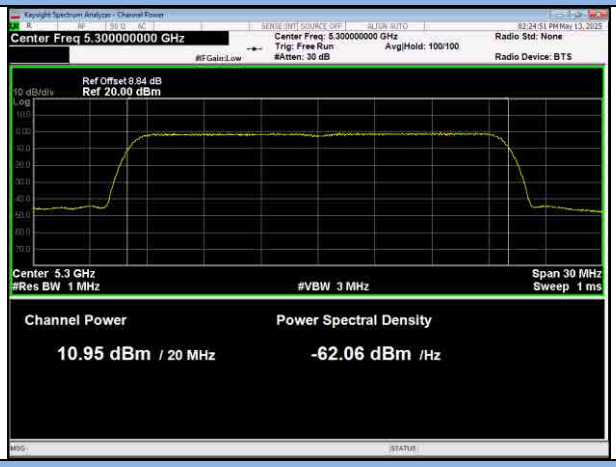
IEEE 802.11ac(VHT40) High Channel



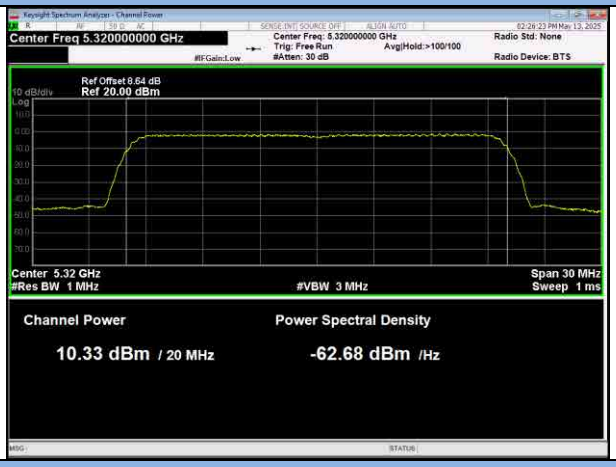
IEEE 802.11ax(HE20) Low Channel



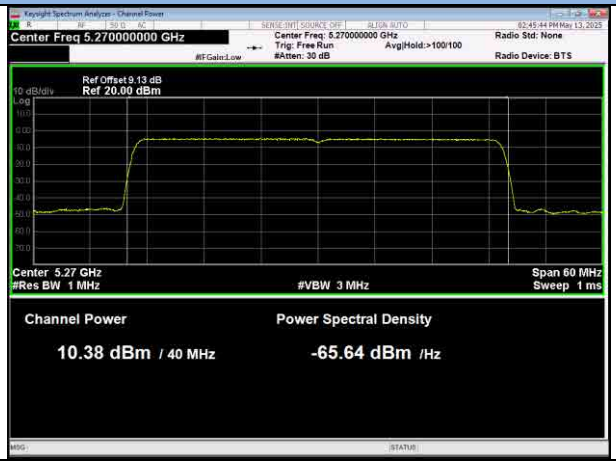
IEEE 802.11ax(HE20) Middle Channel



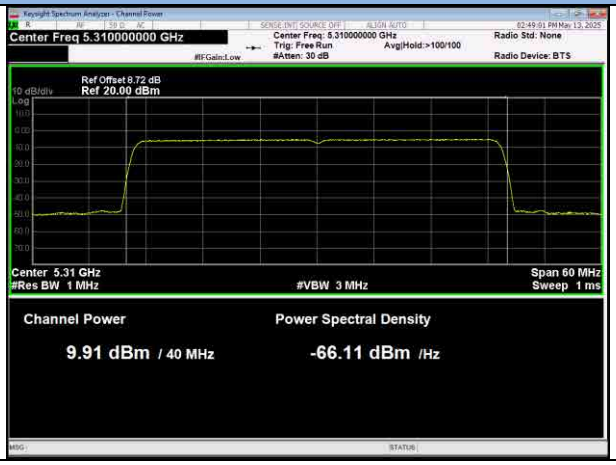
IEEE 802.11ax(HE20) High Channel



IEEE 802.11ax(HE40) Low Channel

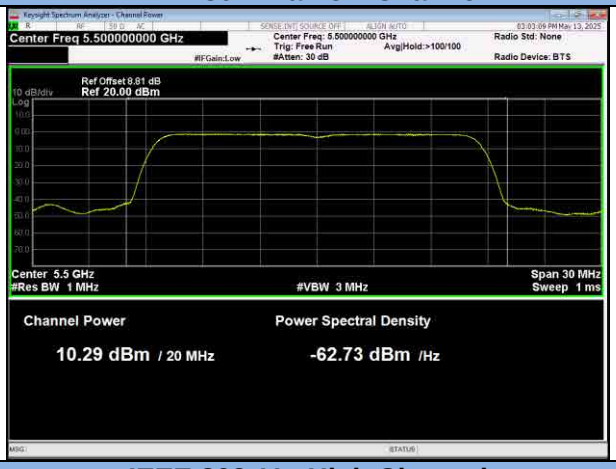


IEEE 802.11ax(HE40) High Channel

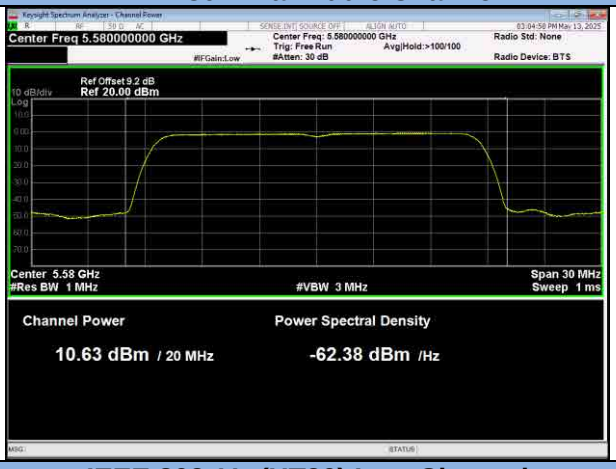


U-NII-2C Band

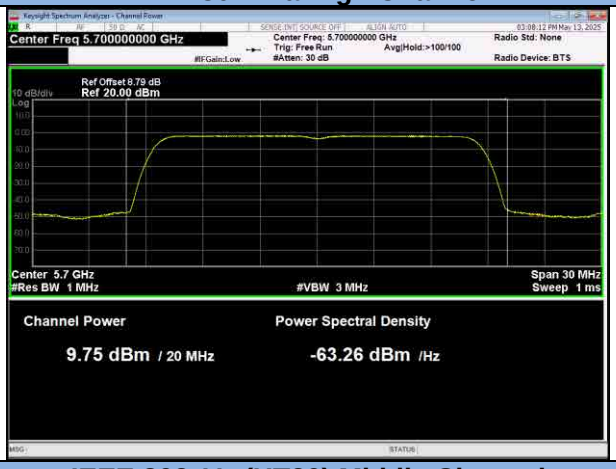
IEEE 802.11a Low Channel



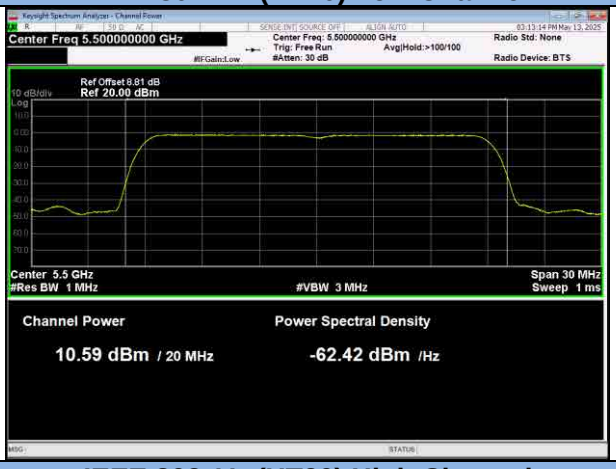
IEEE 802.11a Middle Channel



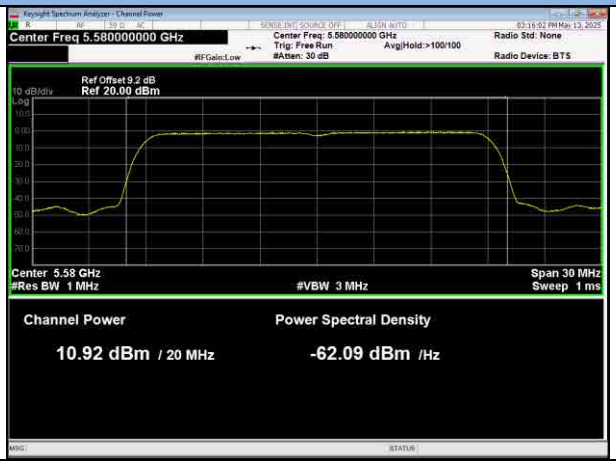
IEEE 802.11a High Channel



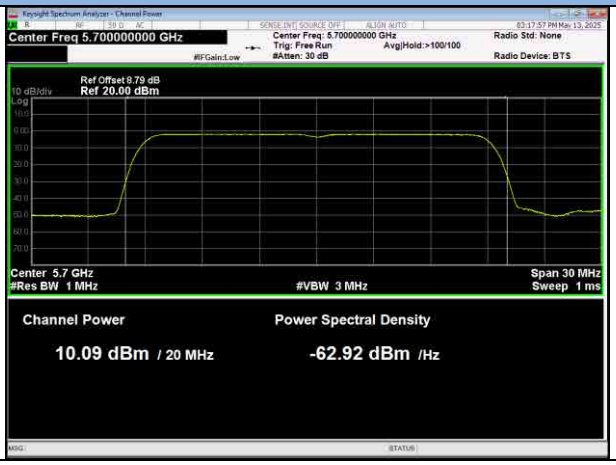
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

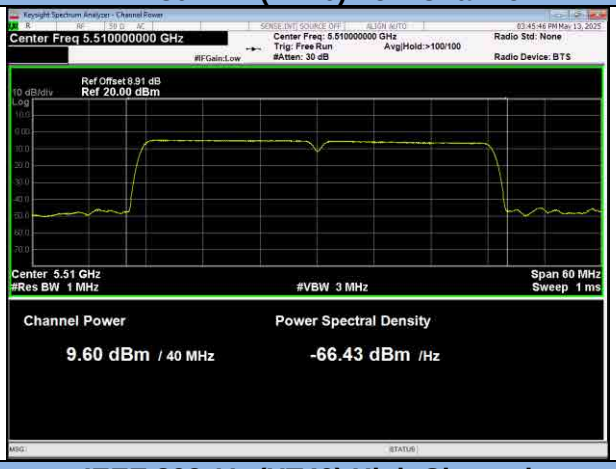


IEEE 802.11n(HT20) High Channel

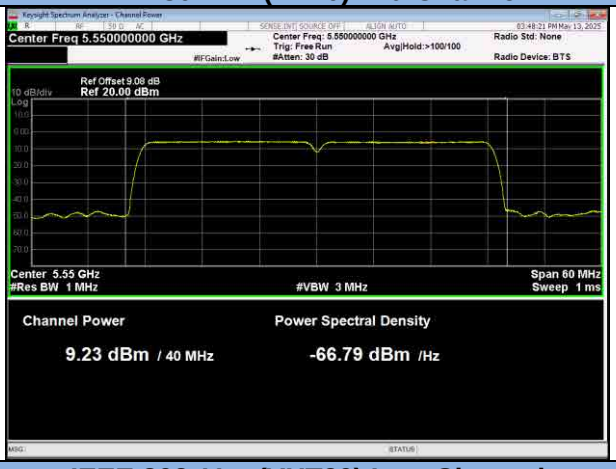


U-NII-2C Band

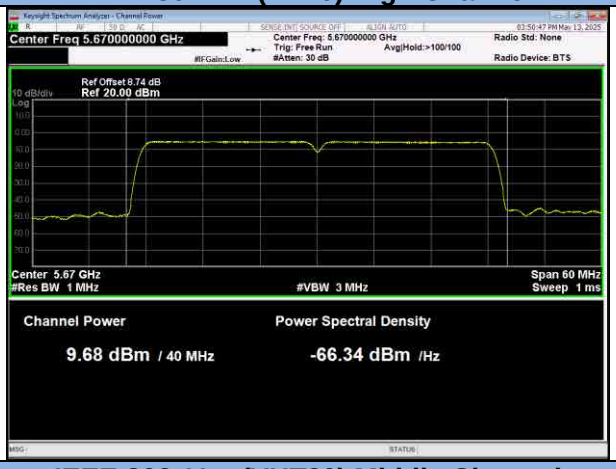
IEEE 802.11n(HT40) Low Channel



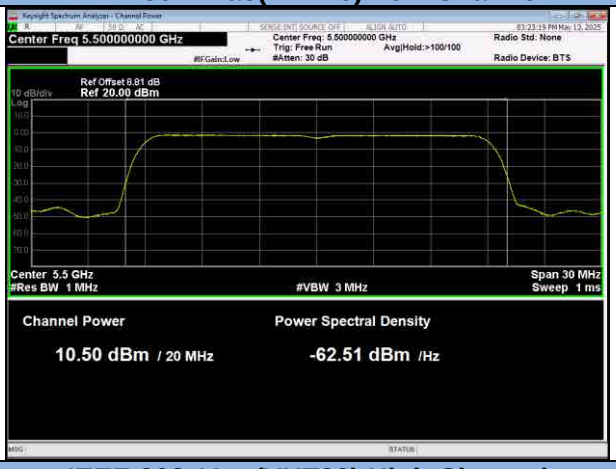
IEEE 802.11n(HT40) Mid Channel



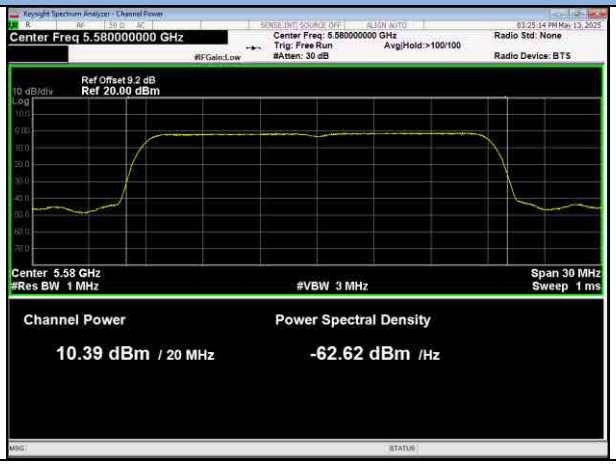
IEEE 802.11n(HT40) High Channel



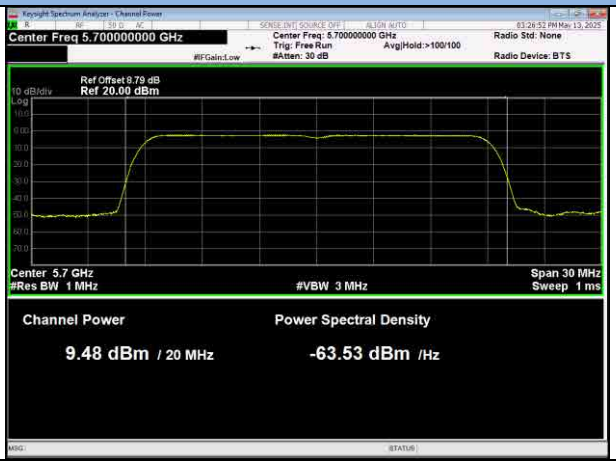
IEEE 802.11ac(VHT20) Low Channel



IEEE 802.11ac(VHT20) Middle Channel

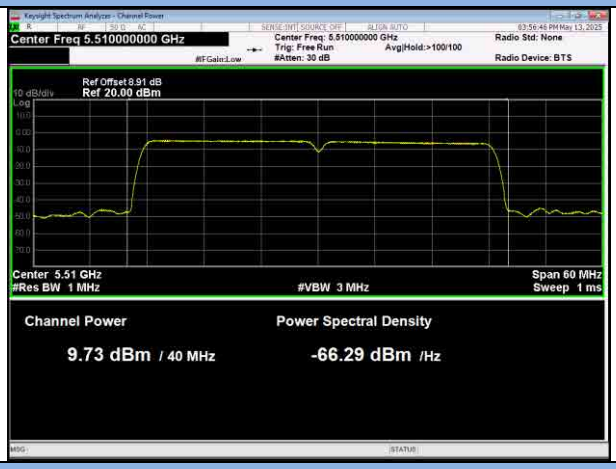


IEEE 802.11ac(VHT20) High Channel

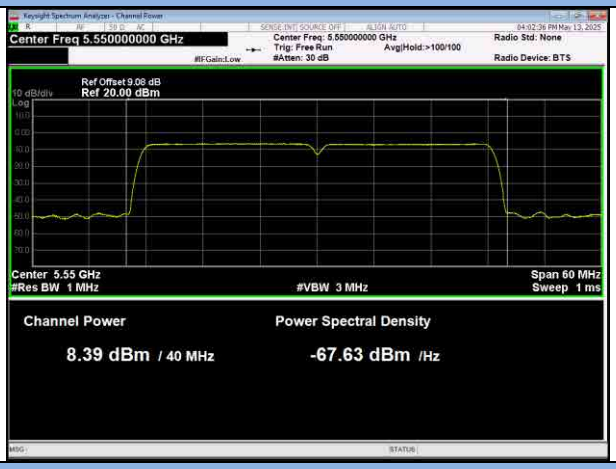


U-NII-2C Band

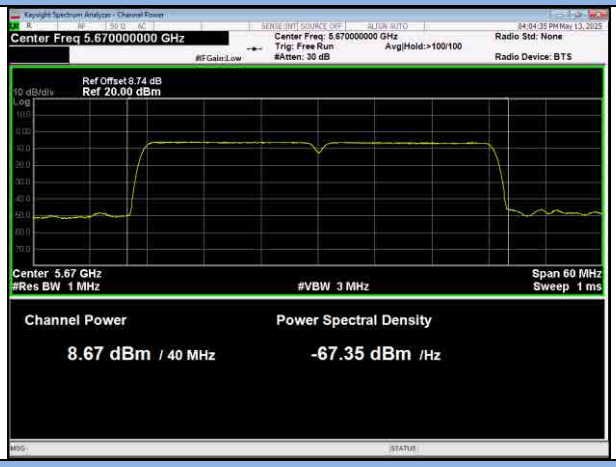
IEEE 802.11ac(VHT40) Low Channel



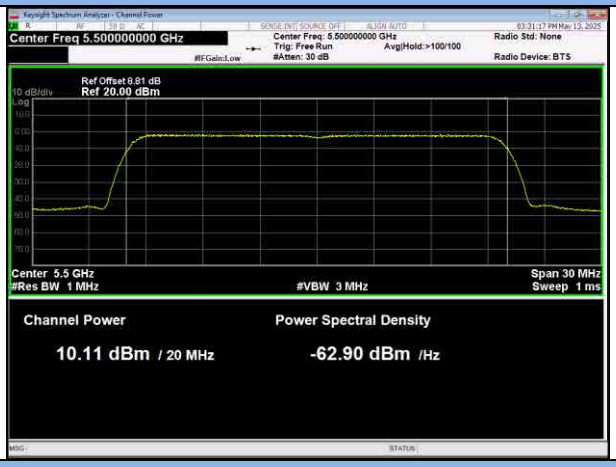
IEEE 802.11ac(VHT40) Mid Channel



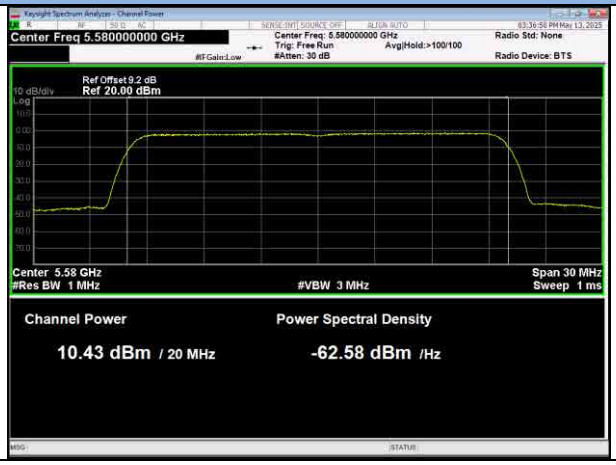
IEEE 802.11ac(VHT40) High Channel



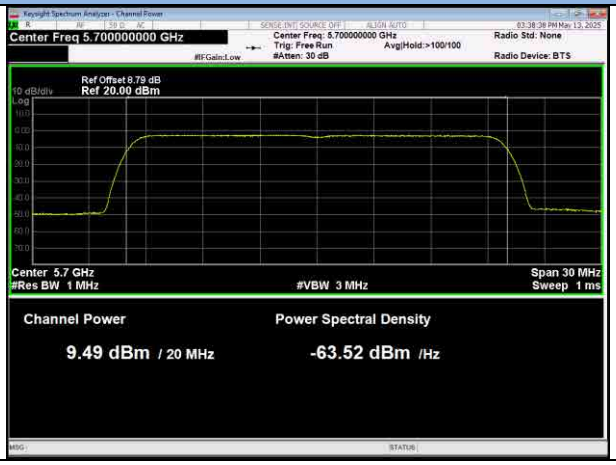
IEEE 802.11ax(HE20) Low Channel

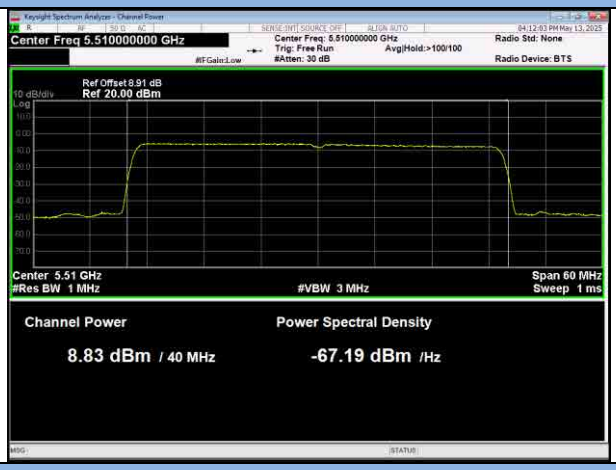
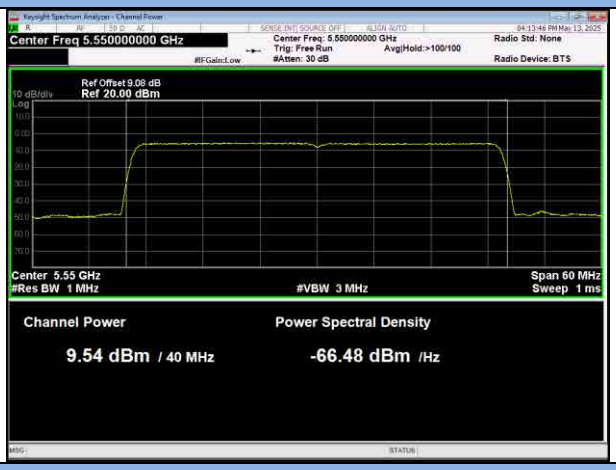
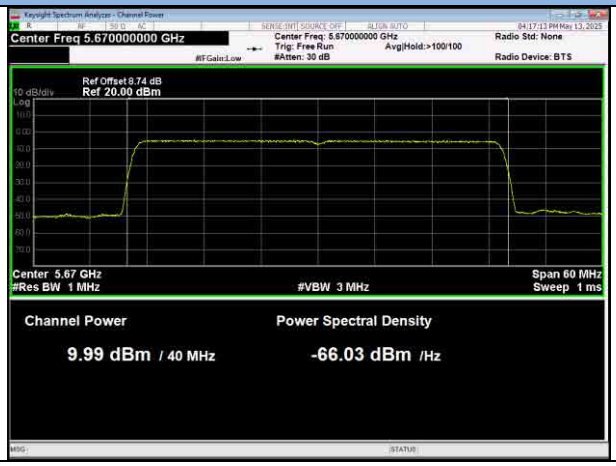


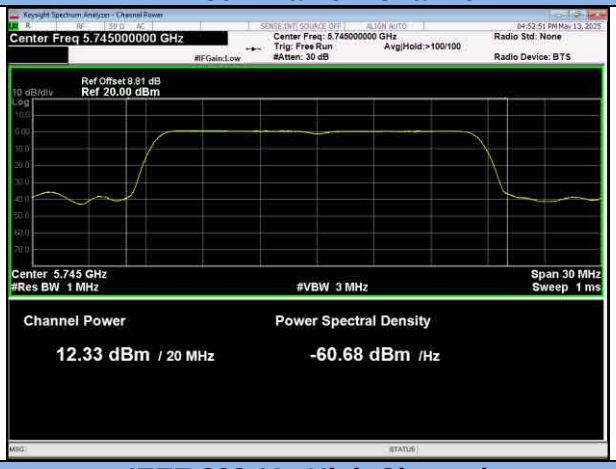
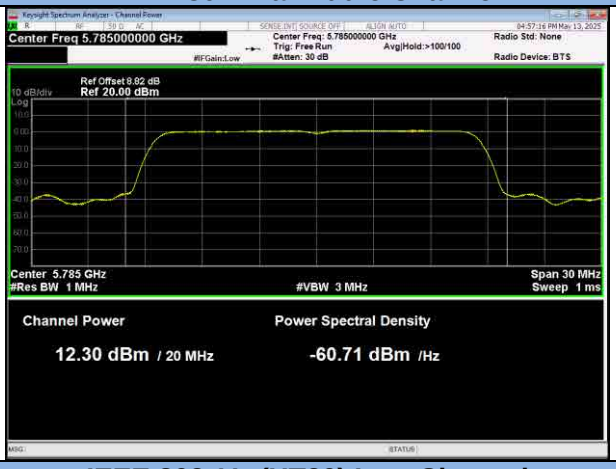
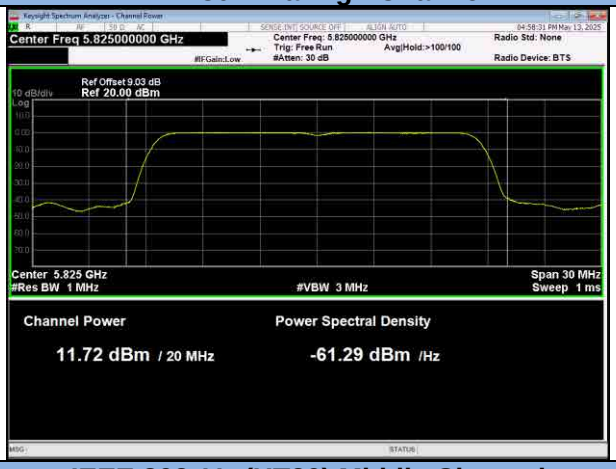
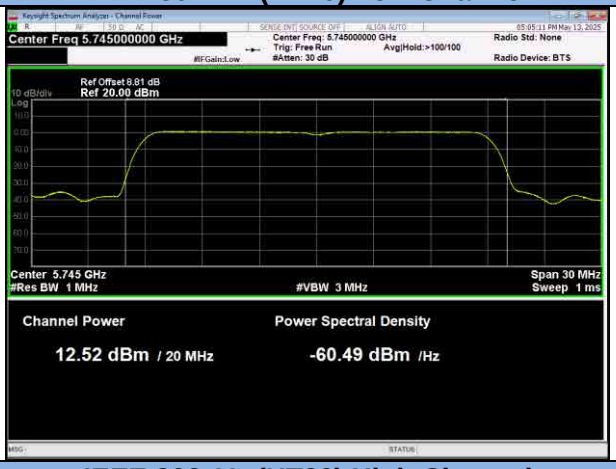
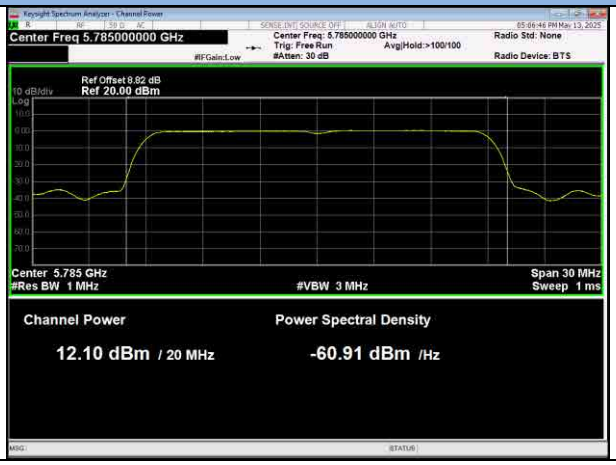
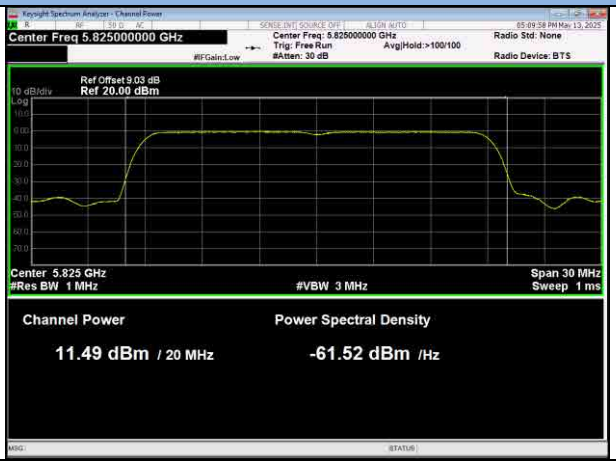
IEEE 802.11ax(HE20) Middle Channel



IEEE 802.11ax(HE20) High Channel

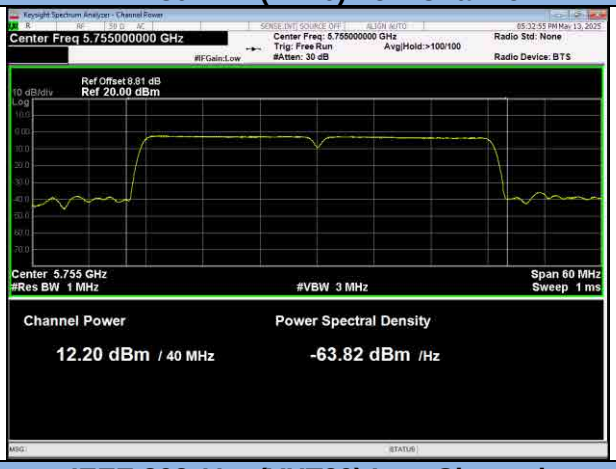


IEEE 802.11ax(HE40) Low Channel	IEEE 802.11ax(HE40) Mid Channel
	
IEEE 802.11ax(HE40) High Channel	**---**
	---

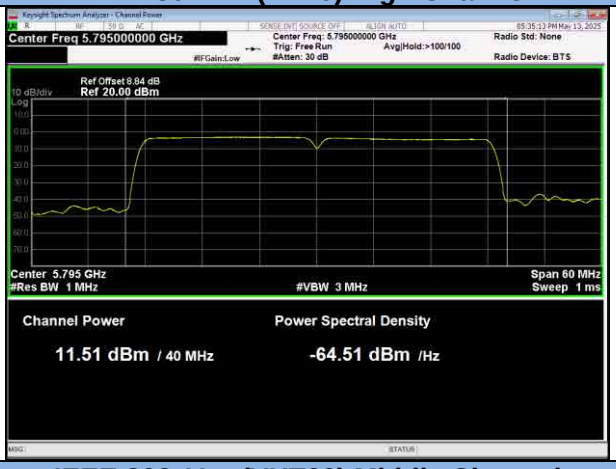
U-NII-3 Band	
IEEE 802.11a Low Channel	IEEE 802.11a Middle Channel
	
IEEE 802.11a High Channel	IEEE 802.11n(HT20) Low Channel
	
IEEE 802.11n(HT20) Middle Channel	IEEE 802.11n(HT20) High Channel
	

U-NII-3 Band

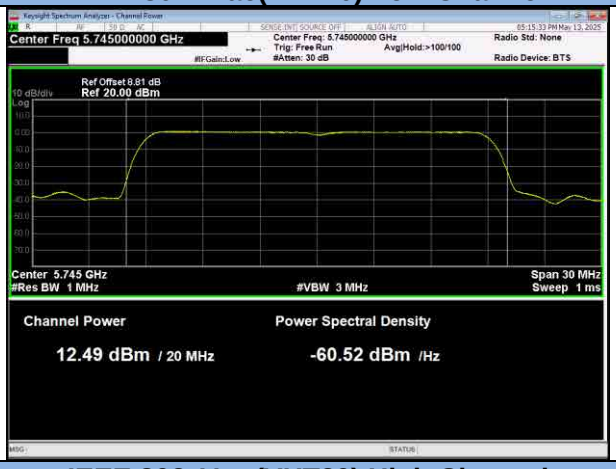
IEEE 802.11n(HT40) Low Channel



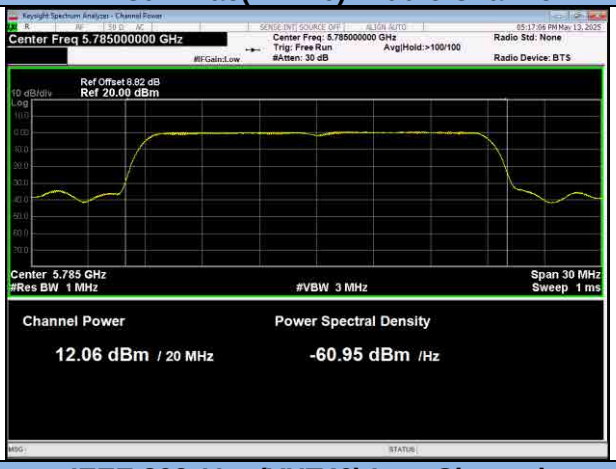
IEEE 802.11n(HT40) High Channel



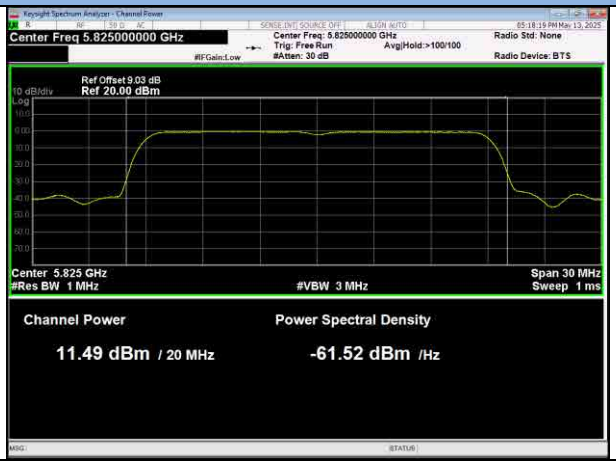
IEEE 802.11ac(VHT20) Low Channel



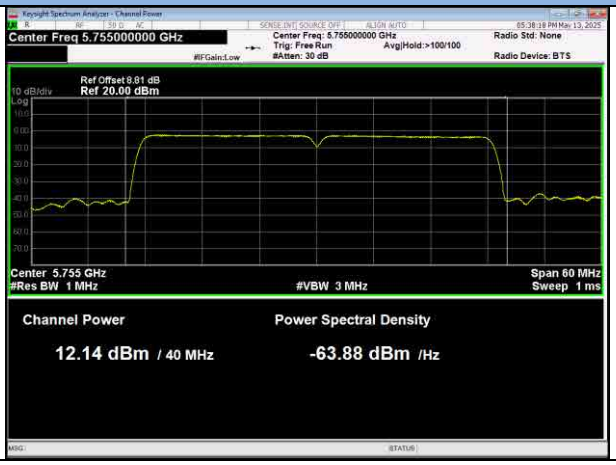
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

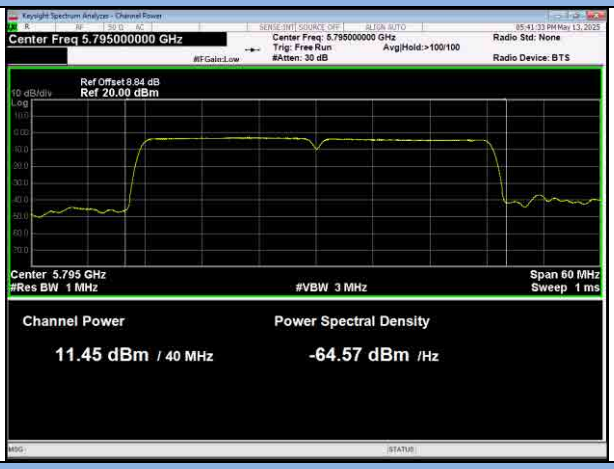


IEEE 802.11ac(VHT40) Low Channel

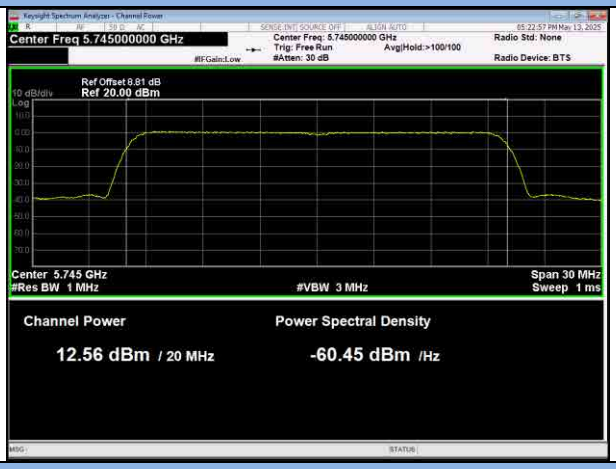


U-NII-3 Band

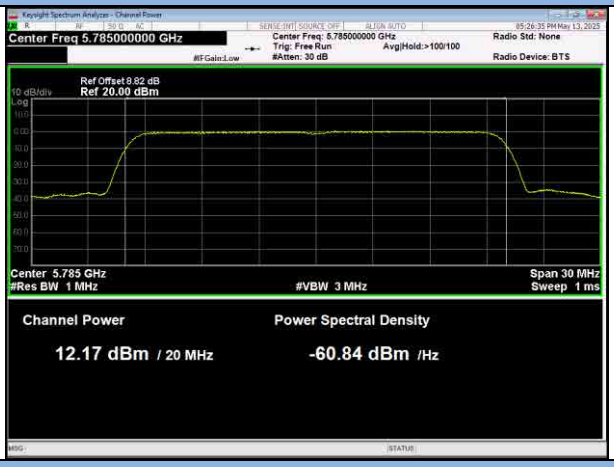
IEEE 802.11ac(VHT40) High Channel



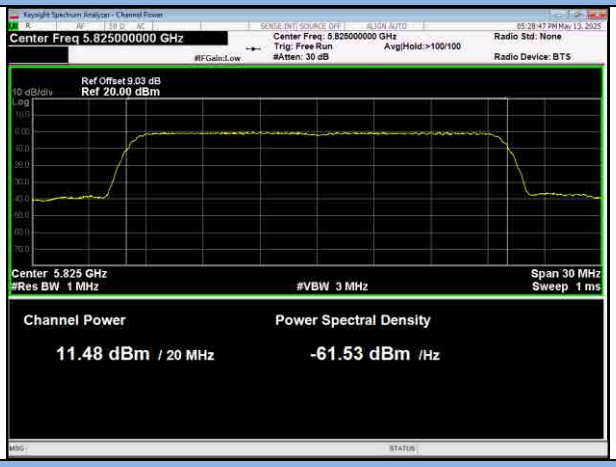
IEEE 802.11ax(HE20) Low Channel



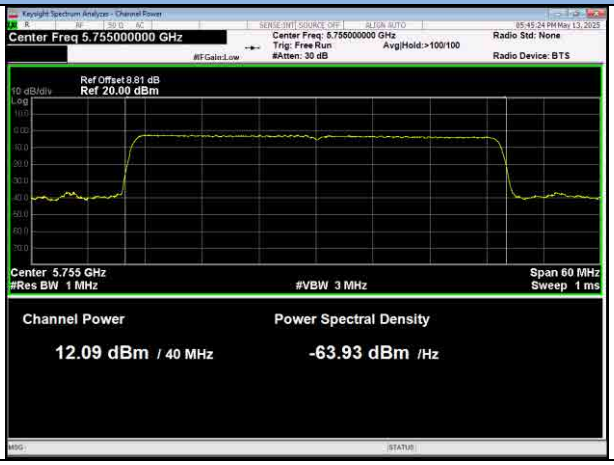
IEEE 802.11ax(HE20) Middle Channel



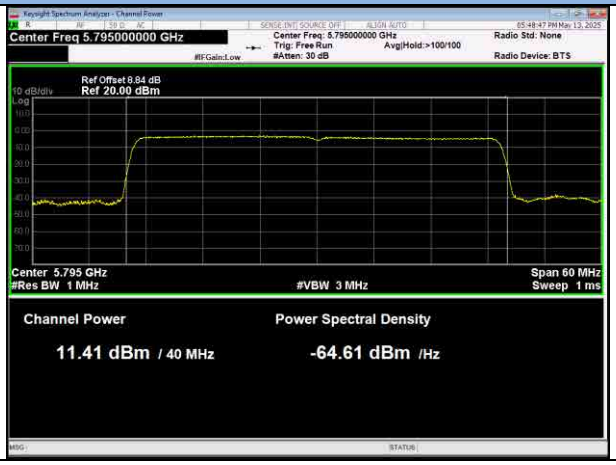
IEEE 802.11ax(HE20) High Channel



IEEE 802.11ax(HE40) Low Channel



IEEE 802.11ax(HE40) High Channel

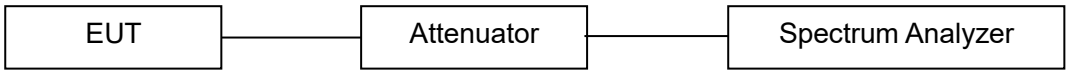


14.3 6dB Bandwidth Measurement

LIMITS

The minimum 6dB bandwidth shall be at least 500 kHz

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer was set as below according to ANSI C63.10 clause 11.8.1:

a. Set the RBW = 100KHz.

b. Set the VBW ≥ 3 x RBW

c. Set the Detector = peak.

d. Set the Sweep time = auto couple.

e. Set the Trace mode = max hold.

f. Allow trace to fully stabilize.

g. 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 6 dB relative to the maximum level measured in the fundamental emission.

TEST RESULTS

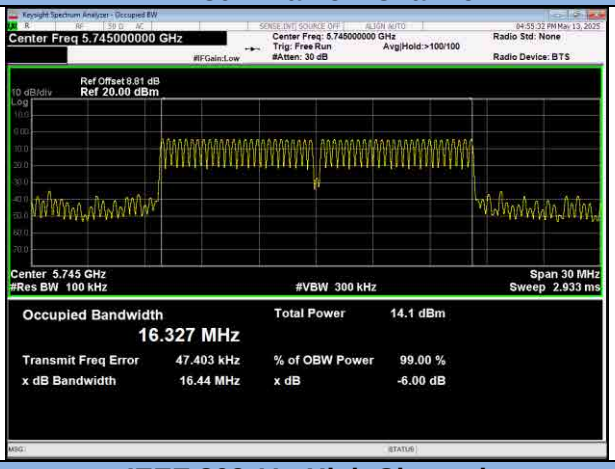
PASS

Please refer to the following tables.

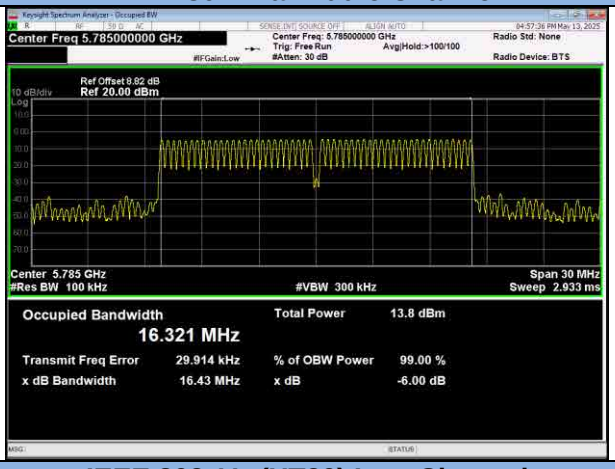
U-NII-3 Band			
Frequency MHz	Data Rate Mbps	6dB Bandwidth MHz	Limit
IEEE 802.11a Mode (OFDM)			
Channel: 5745	6	16.44	>500KHz
Channel: 5785	6	16.43	>500KHz
Channel: 5825	6	16.44	>500KHz
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5745	MCS0	17.68	>500KHz
Channel: 5785	MCS0	17.68	>500KHz
Channel: 5825	MCS0	17.69	>500KHz
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5755	MCS0	36.46	>500KHz
Channel: 5795	MCS0	36.47	>500KHz
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5745	MCS0	17.68	>500KHz
Channel: 5785	MCS0	17.68	>500KHz
Channel: 5825	MCS0	17.68	>500KHz
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5755	MCS0	36.48	>500KHz
Channel: 5795	MCS0	36.46	>500KHz
IEEE 802.11 ax (HE20) Mode (OFDM)			
Channel: 5745	MCS0	19.18	>500KHz
Channel: 5785	MCS0	19.17	>500KHz
Channel: 5825	MCS0	19.18	>500KHz
IEEE 802.11 ax (HE40) Mode (OFDM)			
Channel: 5755	MCS0	38.27	>500KHz
Channel: 5795	MCS0	38.25	>500KHz

U-NII-3

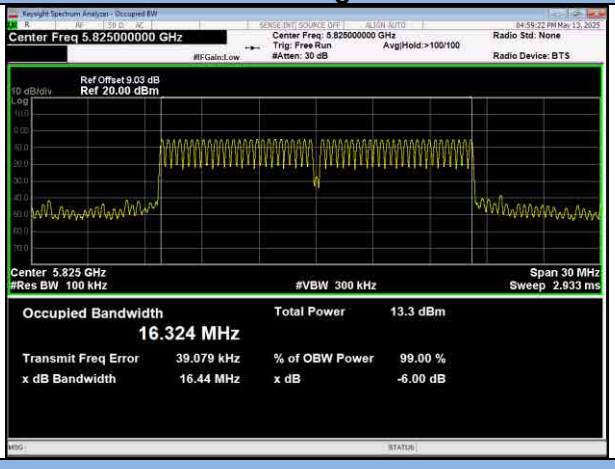
IEEE 802.11a Low Channel



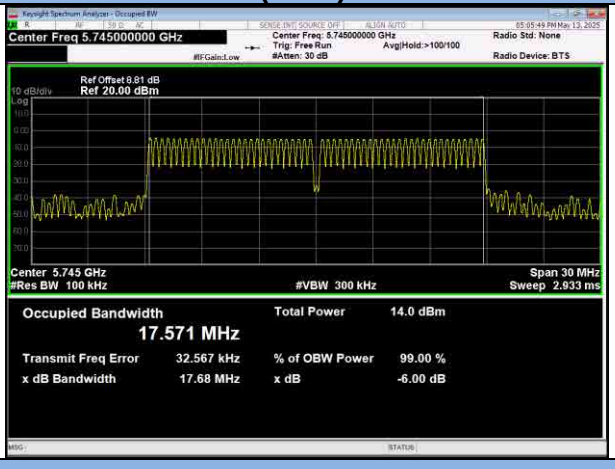
IEEE 802.11a Middle Channel



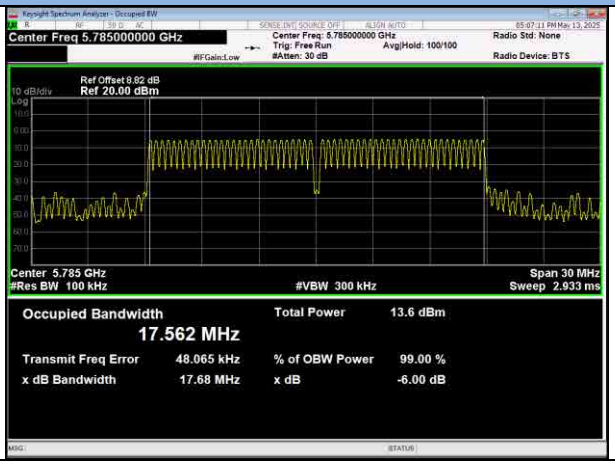
IEEE 802.11a High Channel



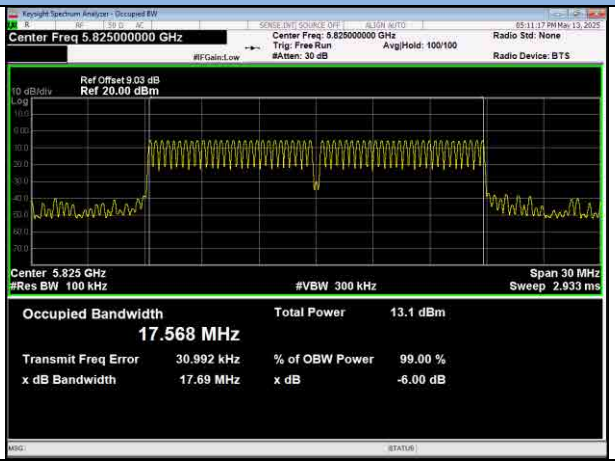
IEEE 802.11n(HT20) Low Channel

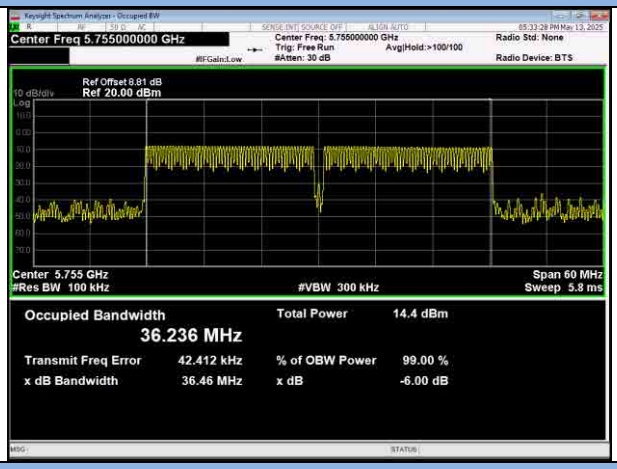
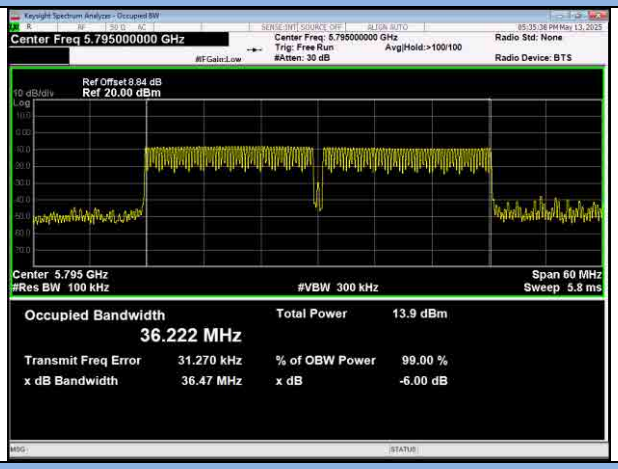
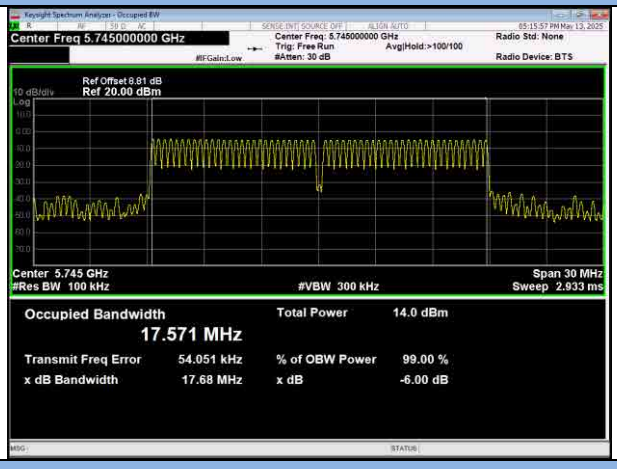
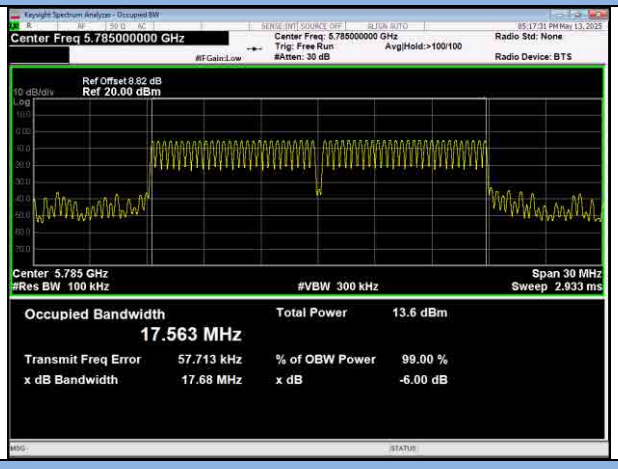
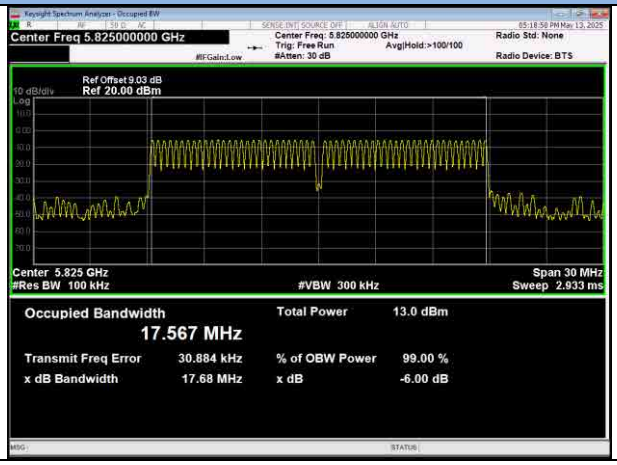
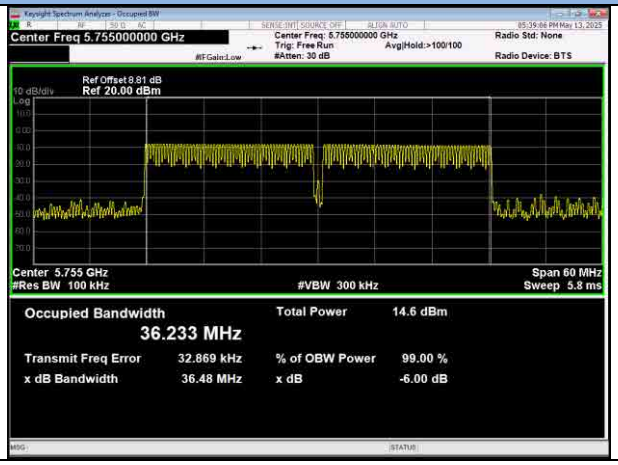


IEEE 802.11n(HT20) Middle Channel



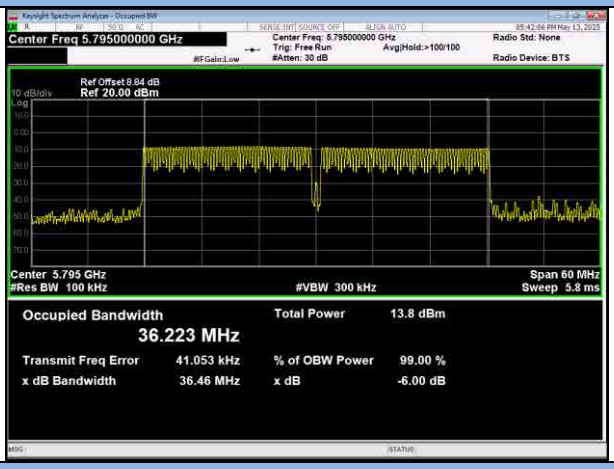
IEEE 802.11n(HT20) High Channel



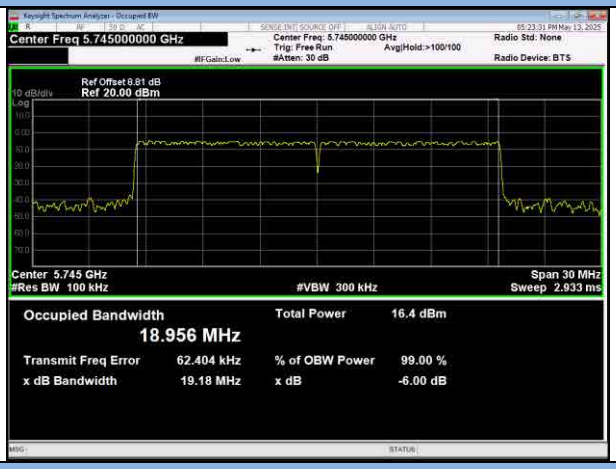
U-NII-3	
IEEE 802.11n(HT40) Low Channel	**IEEE 802.11n(HT40) High Channel**
	
IEEE 802.11ac(VHT20) Low Channel	**IEEE 802.11ac(VHT20) Middle Channel**
	
IEEE 802.11ac(VHT20) High Channel	**IEEE 802.11ac(VHT40) Low Channel**
	

U-NII-3

IEEE 802.11ac(VHT40) High Channel

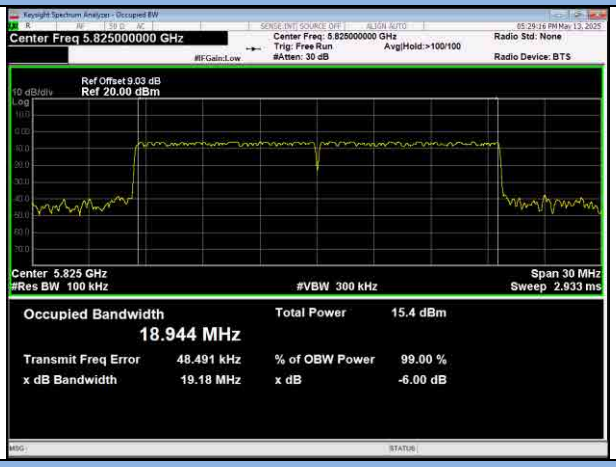


IEEE 802.11ax(HE20) Low Channel

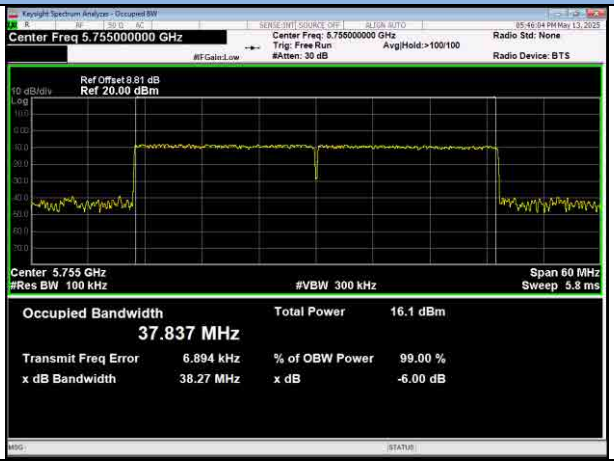


IEEE 802.11ax(HE20) Middle Channel

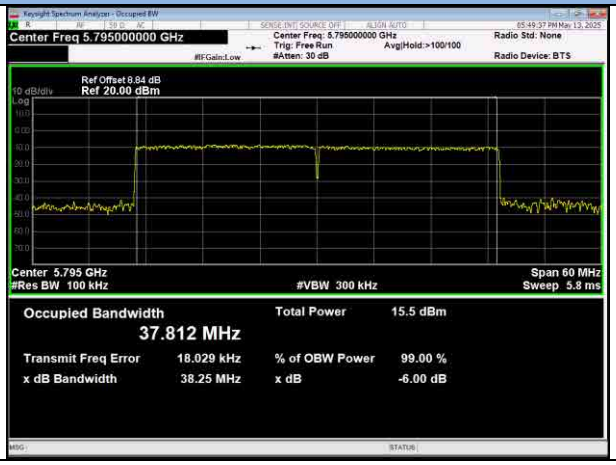
IEEE 802.11ax(HE20) High Channel



IEEE 802.11ax(HE40) Low Channel



IEEE 802.11ax(HE40) High Channel

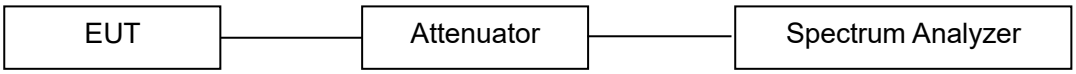


14.4 26dB Bandwidth & 99% Occupied Bandwidth

LIMITS

No restriction limits.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

The antenna port of the EUT was connected to the input of a spectrum analyzer.

Analyzer was set as below according to FCC KDB789033(v02r01):

a. For 26dB bandwidth, Set the RBW = Approximately 1% of the emission bandwidth

b. Set the VBW ＞ RBW

c. Detector = peak.

d. Sweep time = auto couple.

e. Trace mode = max hold.

f. Allow trace to fully stabilize.

g. 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.

1. For 99% occupied bandwidth, Set the RBW = 1% to 5% of the OBW
2. Set the VBW ≥ 3 x RBW
3. Detector = peak.
4. Span = 1.5 times to 5.0 times the OBW
5. Sweep time = auto couple.
6. Trace mode = max hold. Allow trace to fully stabilize.
7. Use the 99% power bandwidth function of the spectrum analyzer measure the occupied bandwidth.

TEST RESULTS

PASS

Please refer to the following tables.

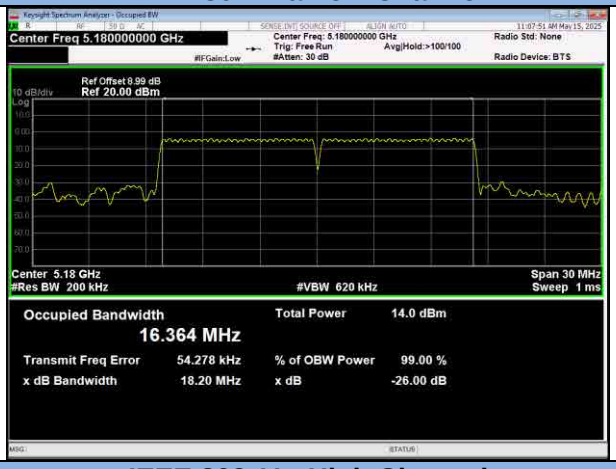
U-NII-1 Band			
Frequency MHz	Data Rate Mbps	26dB Bandwidth MHz	99% Occupied Bandwidth MHz
IEEE 802.11a Mode (OFDM)			
Channel: 5180	6	18.20	---
Channel: 5200	6	23.87	---
Channel: 5240	6	16.91	---
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5180	MCS0	18.23	---
Channel: 5200	MCS0	18.22	---
Channel: 5240	MCS0	18.19	---
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5190	MCS0	37.43	---
Channel: 5230	MCS0	37.44	---
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5180	MCS0	18.22	---
Channel: 5200	MCS0	18.23	---
Channel: 5240	MCS0	18.20	---
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5190	MCS0	37.43	---
Channel: 5230	MCS0	37.43	---
IEEE 802.11ax (HE20) Mode (OFDM)			
Channel: 5180	MCS0	19.65	---
Channel: 5200	MCS0	19.63	---
Channel: 5240	MCS0	19.64	---
IEEE 802.11ax (HE40) Mode (OFDM)			
Channel: 5190	MCS0	39.15	---
Channel: 5230	MCS0	39.15	---

U-NII-2A Band			
Frequency MHz	Data Rate Mbps	26dB Bandwidth MHz	99% Occupied Bandwidth MHz
IEEE 802.11a Mode (OFDM)			
Channel: 5260	6	16.91	---
Channel: 5300	6	16.89	---
Channel: 5320	6	16.89	---
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5260	MCS0	18.16	---
Channel: 5300	MCS0	18.17	---
Channel: 5320	MCS0	18.16	---
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5270	MCS0	37.44	---
Channel: 5310	MCS0	37.42	---
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5260	MCS0	18.17	---
Channel: 5300	MCS0	18.16	---
Channel: 5320	MCS0	18.17	---
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5270	MCS0	37.43	---
Channel: 5310	MCS0	37.42	---
IEEE 802.11ax (HE20) Mode (OFDM)			
Channel: 5260	MCS0	19.60	---
Channel: 5300	MCS0	19.60	---
Channel: 5320	MCS0	19.60	---
IEEE 802.11ax (HE40) Mode (OFDM)			
Channel: 5270	MCS0	39.14	---
Channel: 5310	MCS0	39.15	---

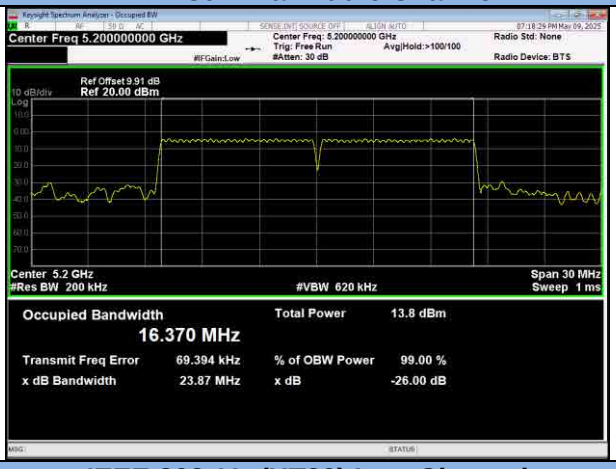
U-NII-2C Band			
Frequency MHz	Data Rate Mbps	26dB Bandwidth MHz	99% Occupied Bandwidth MHz
IEEE 802.11a Mode (OFDM)			
Channel: 5500	6	16.90	---
Channel: 5580	6	16.89	---
Channel: 5700	6	16.90	---
IEEE 802.11n(HT20) Mode (OFDM)			
Channel: 5500	MCS0	18.17	---
Channel: 5580	MCS0	18.16	---
Channel: 5700	MCS0	18.16	---
IEEE 802.11n(HT40) Mode (OFDM)			
Channel: 5510	MCS0	37.42	---
Channel: 5550	MCS0	37.43	---
Channel: 5670	MCS0	37.45	---
IEEE 802.11ac (VHT20) Mode (OFDM)			
Channel: 5500	MCS0	18.16	---
Channel: 5580	MCS0	18.17	---
Channel: 5700	MCS0	18.16	---
IEEE 802.11ac (VHT40) Mode (OFDM)			
Channel: 5510	MCS0	37.42	---
Channel: 5550	MCS0	37.44	---
Channel: 5670	MCS0	37.45	---
IEEE 802.11ax (HE20) Mode (OFDM)			
Channel: 5500	MCS0	19.61	---
Channel: 5580	MCS0	19.59	---
Channel: 5700	MCS0	19.60	---
IEEE 802.11ax (HE40) Mode (OFDM)			
Channel: 5510	MCS0	39.14	---
Channel: 5550	MCS0	39.15	---
Channel: 5670	MCS0	39.15	---

U-NII-1 Band 26dB Bandwidth

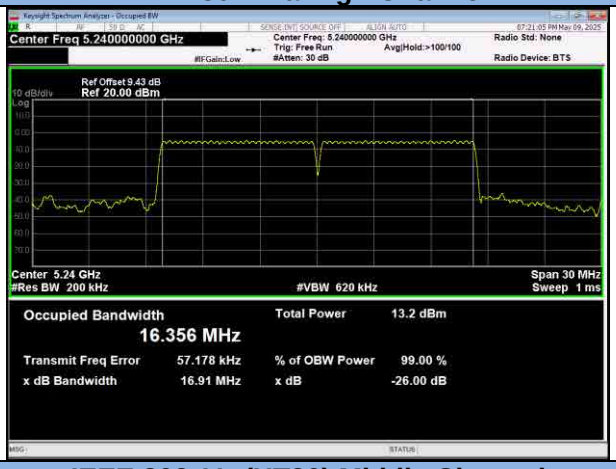
IEEE 802.11a Low Channel



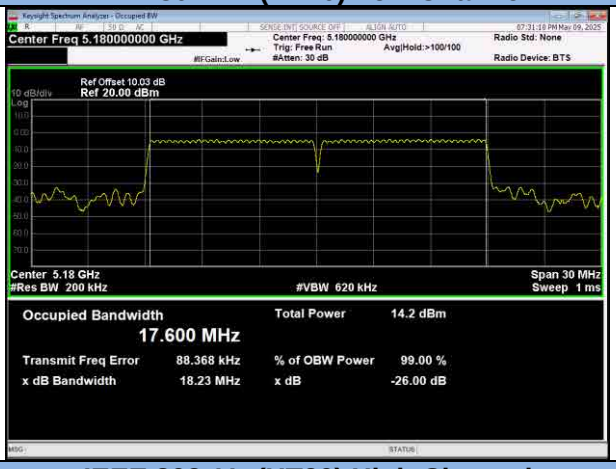
IEEE 802.11a Middle Channel



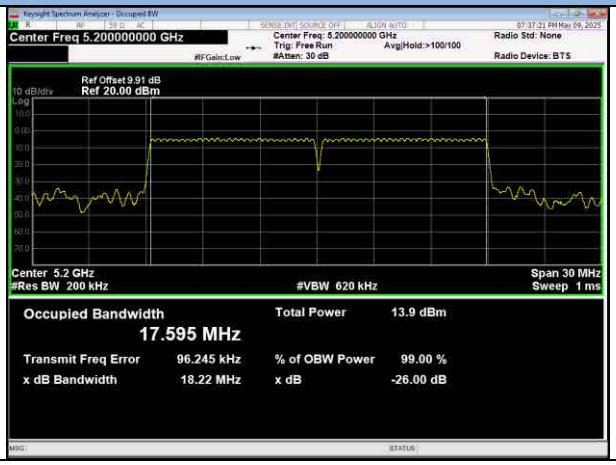
IEEE 802.11a High Channel



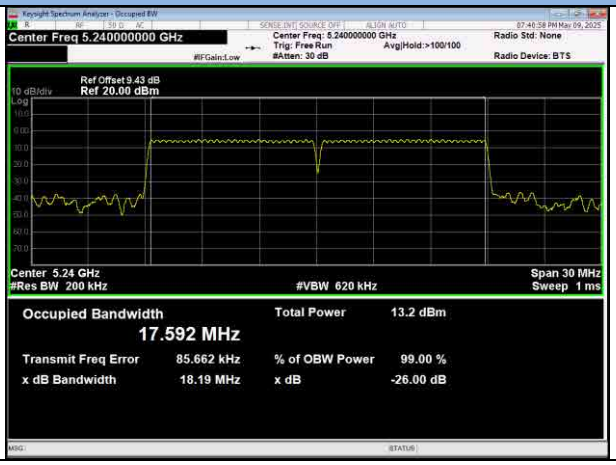
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

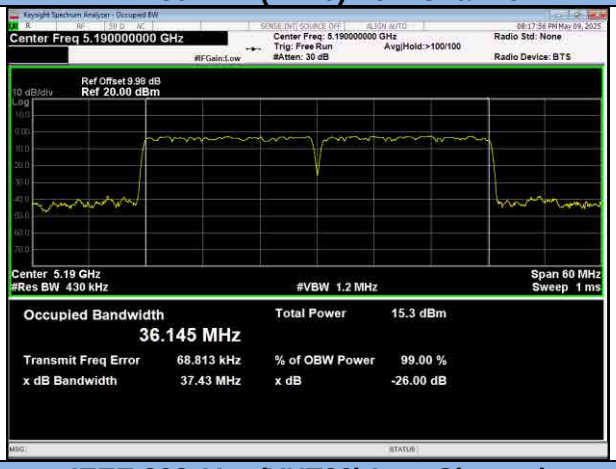


IEEE 802.11n(HT20) High Channel

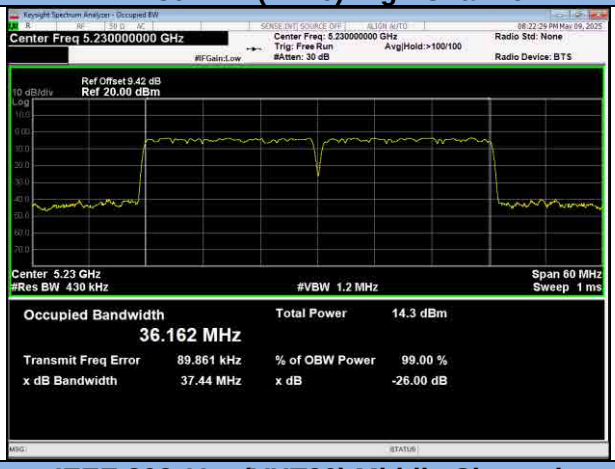


U-NII-1 Band 26dB Bandwidth

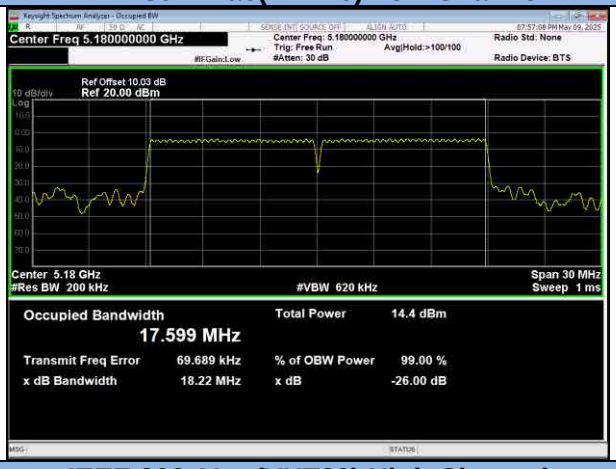
IEEE 802.11n(HT40) Low Channel



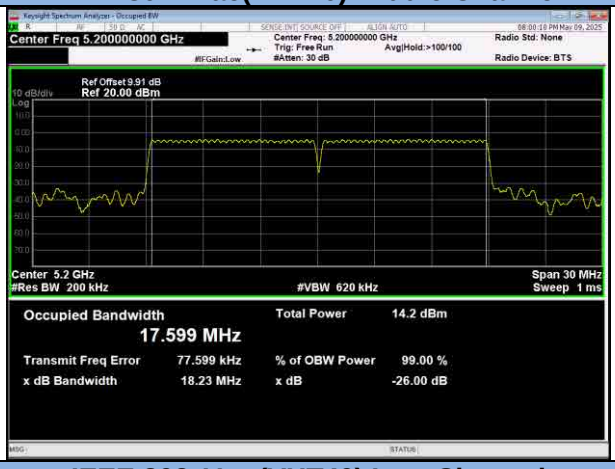
IEEE 802.11n(HT40) High Channel



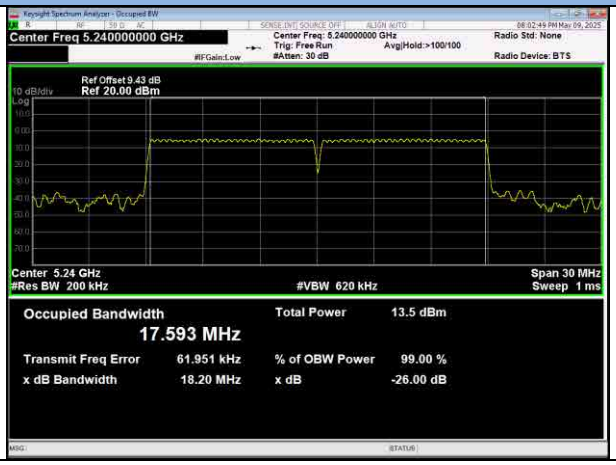
IEEE 802.11ac(VHT20) Low Channel



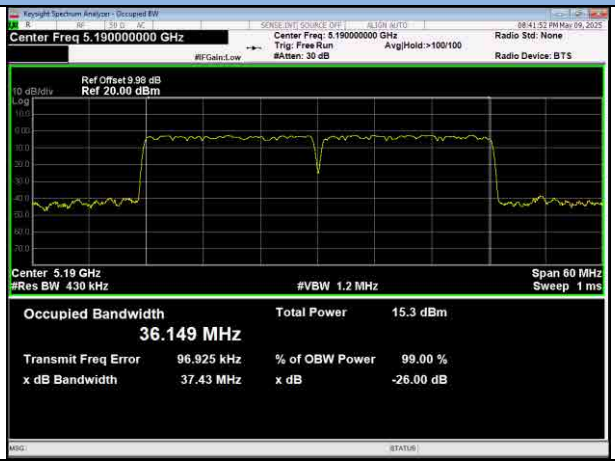
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

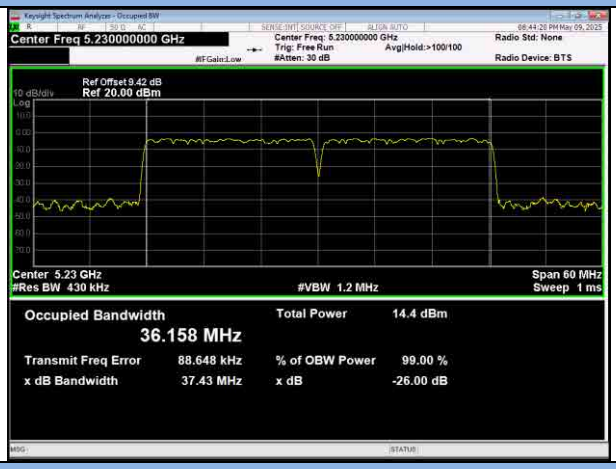


IEEE 802.11ac(VHT40) Low Channel

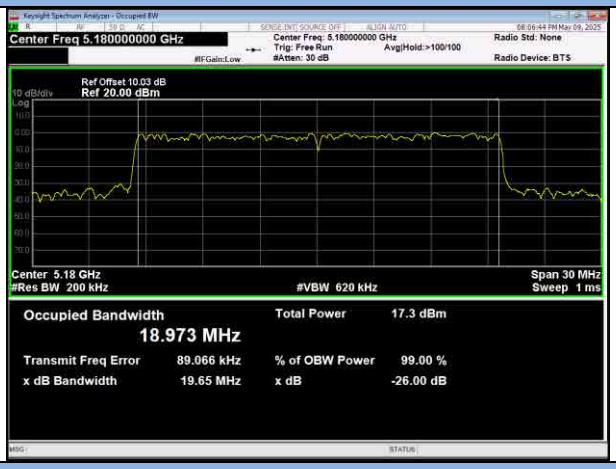


U-NII-1 Band 26dB Bandwidth

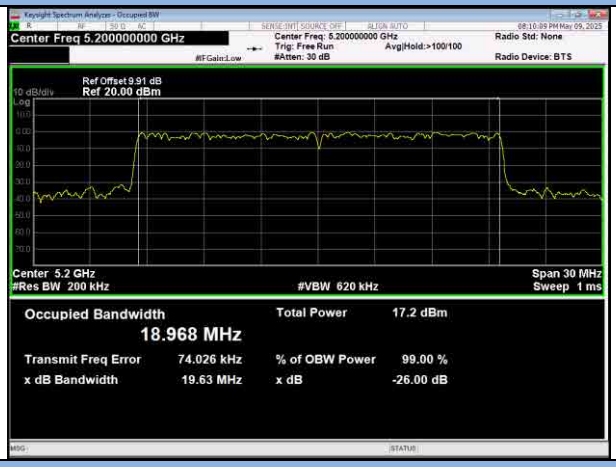
IEEE 802.11ac(VHT40) High Channel



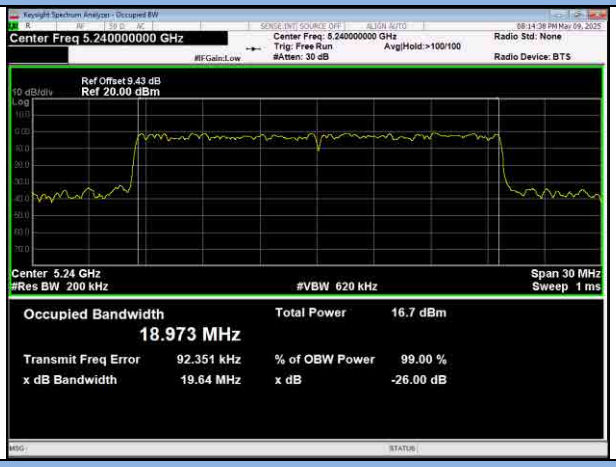
IEEE 802.11ax(HE20) Low Channel



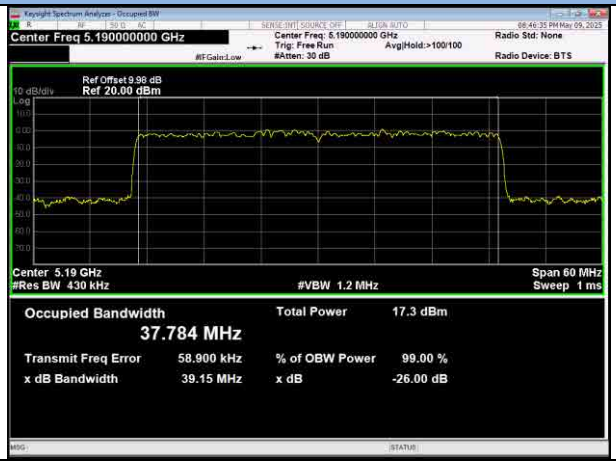
IEEE 802.11ax(HE20) Middle Channel



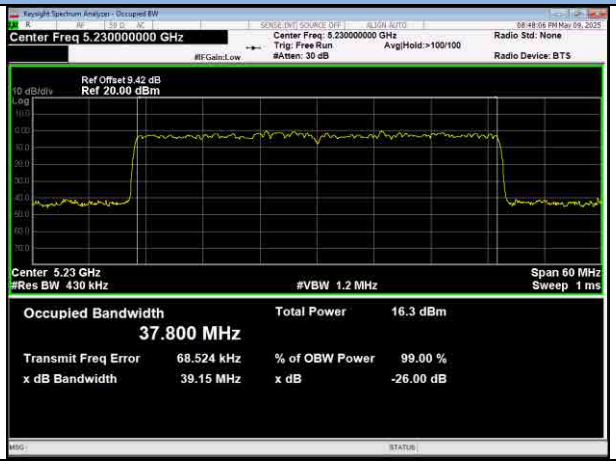
IEEE 802.11ax(HE20) High Channel



IEEE 802.11ax(HE40) Low Channel

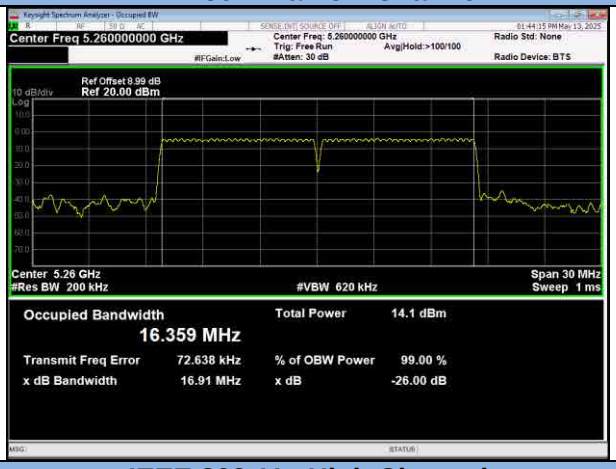


IEEE 802.11ax(HE40) High Channel

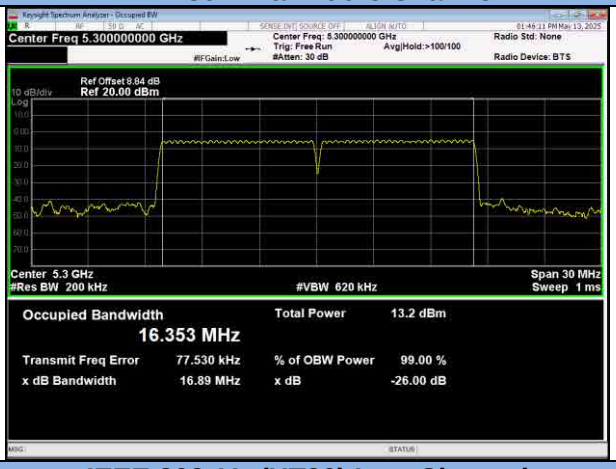


U-NII-2A Band 26dB Bandwidth

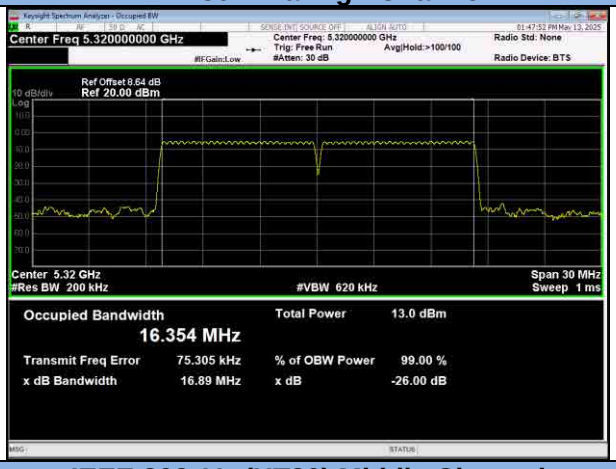
IEEE 802.11a Low Channel



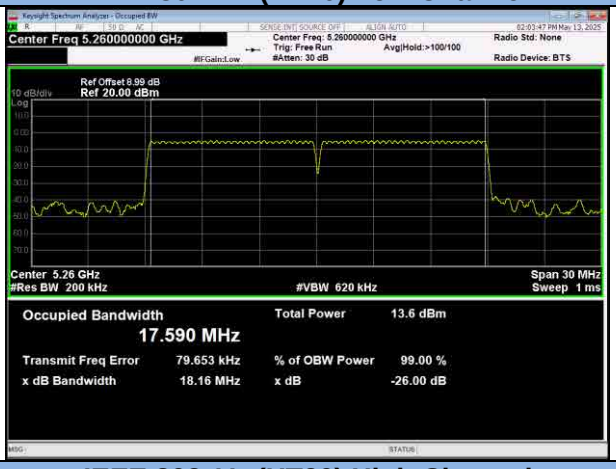
IEEE 802.11a Middle Channel



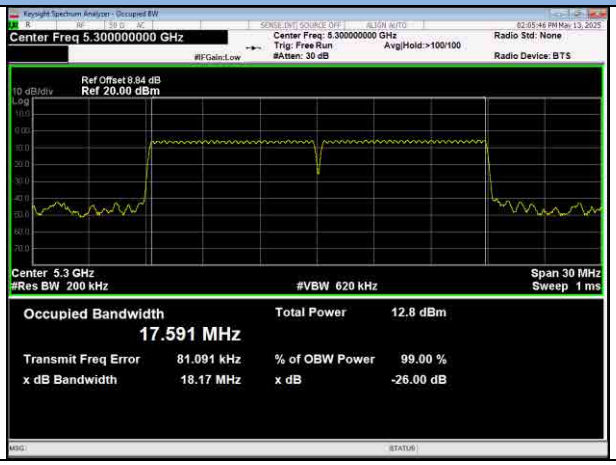
IEEE 802.11a High Channel



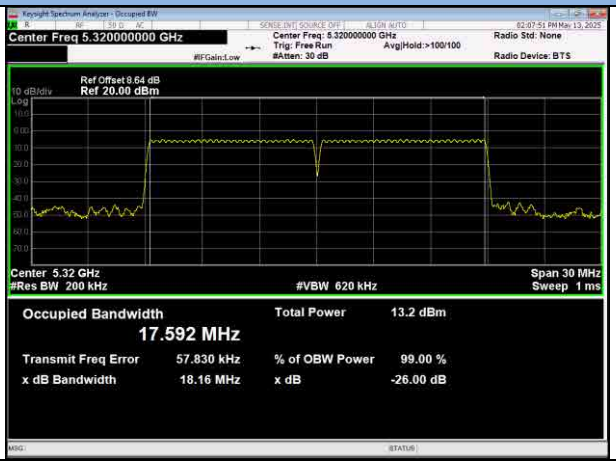
IEEE 802.11n(HT20) Low Channel



IEEE 802.11n(HT20) Middle Channel

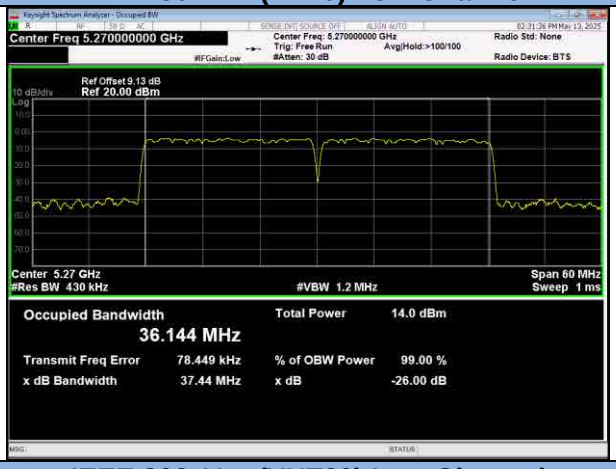


IEEE 802.11n(HT20) High Channel

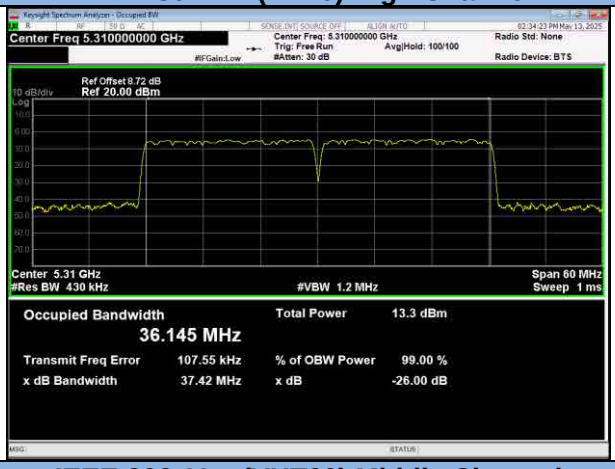


U-NII-2A Band 26dB Bandwidth

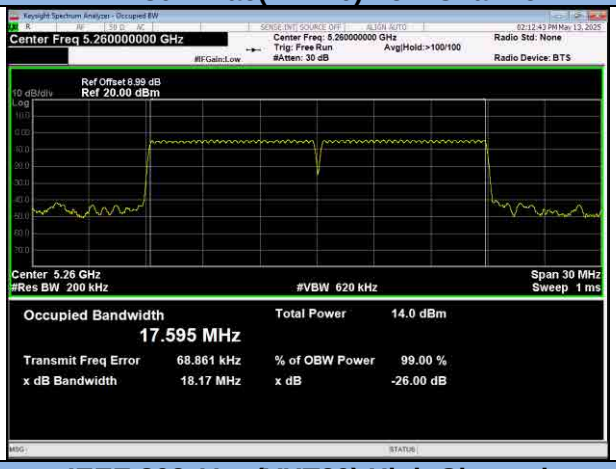
IEEE 802.11n(HT40) Low Channel



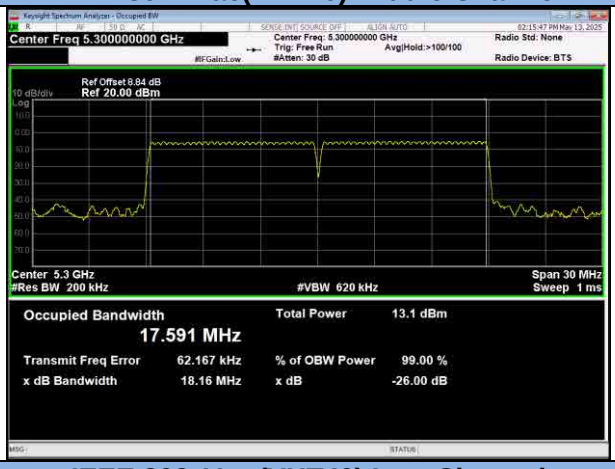
IEEE 802.11n(HT40) High Channel



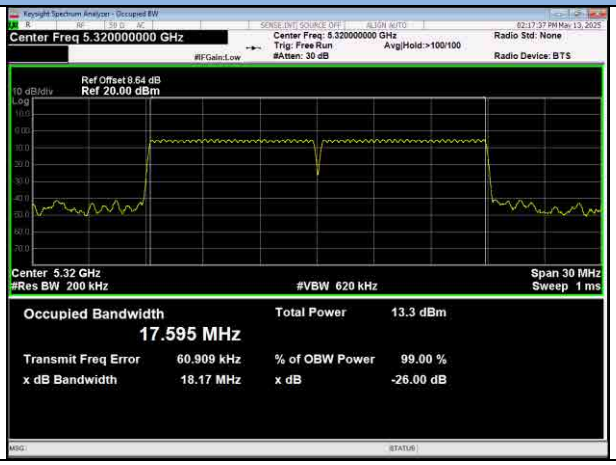
IEEE 802.11ac(VHT20) Low Channel



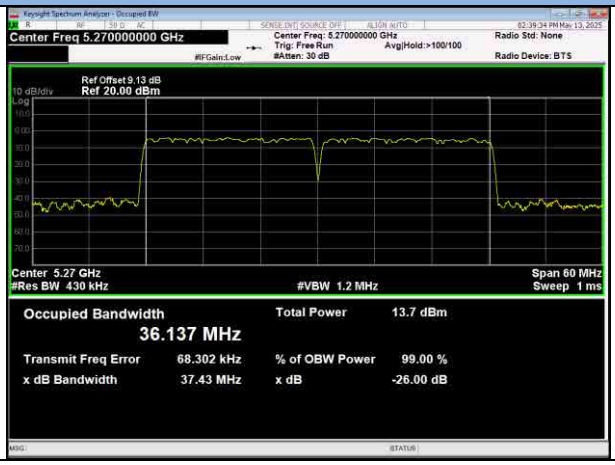
IEEE 802.11ac(VHT20) Middle Channel



IEEE 802.11ac(VHT20) High Channel

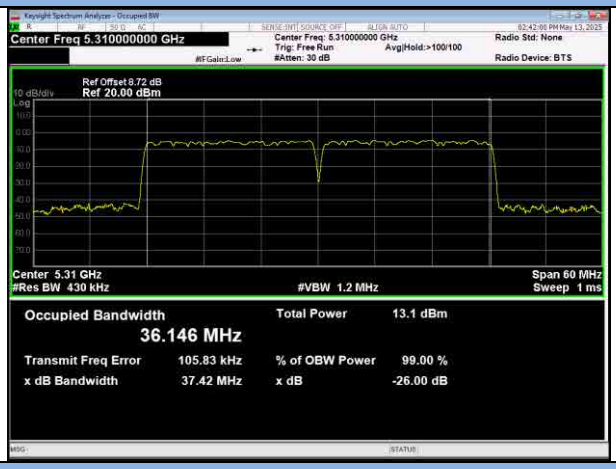


IEEE 802.11ac(VHT40) Low Channel

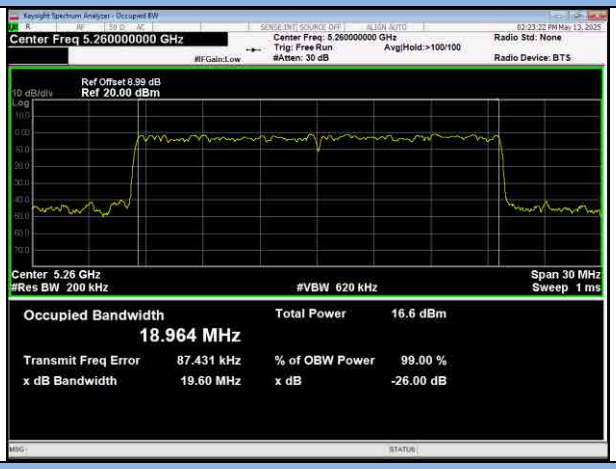


U-NII-2A Band 26dB Bandwidth

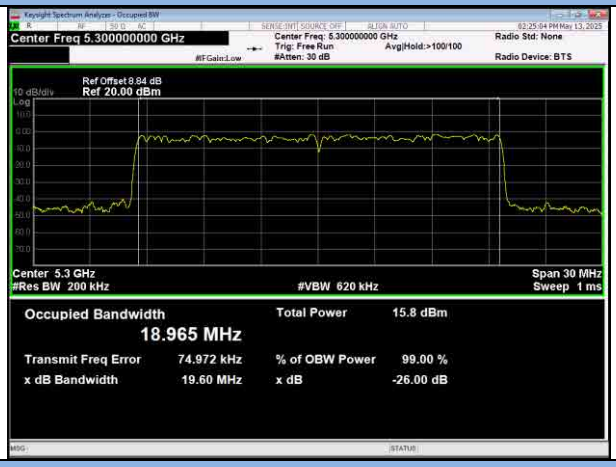
IEEE 802.11ac(VHT40) High Channel



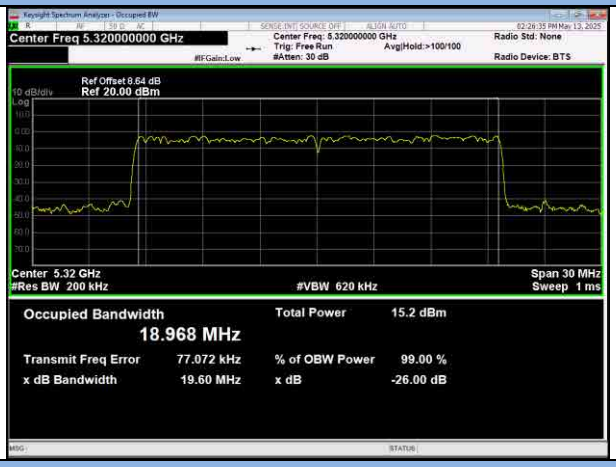
IEEE 802.11ax(HE20) Low Channel



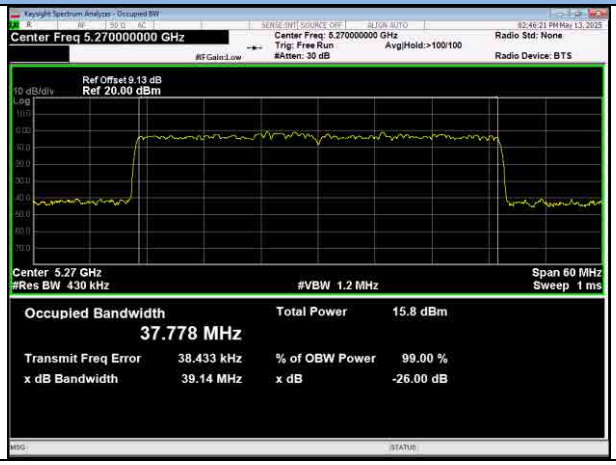
IEEE 802.11ax(HE20) Middle Channel



IEEE 802.11ax(HE20) High Channel



IEEE 802.11ax(HE40) Low Channel



IEEE 802.11ax(HE40) High Channel