



# RF TEST REPORT

**Applicant** Nokia ShangHai Bell Co., Ltd.  
**FCC ID** 2ADZRG1425GA  
**Product** Nokia ONT  
**Model** G-1425G-A  
**Report No.** R2106A0526-R2V2  
**Issue Date** May 19, 2022

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 15E (2020)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Prepared by: Peng Tao

Approved by: Kai Xu

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Version	Revision description	Issue Date
Rev.0	Initial issue of report.	August 4, 2021
Rev.1	Add two Adapters (Adapter 5&6).	September 6, 2021
Rev.2	Add data.	May 19, 2022

Note: This revised report (Report No. R2106A0526-R2V2) supersedes and replaces the previously issued report (Report No. R2106A0526-R2V1). Please discard or destroy the previously issued report and dispose of it accordingly.



## Summary of measurement results

Number	Test Case	Clause in FCC rules	Verdict
1	Average output power	15.407(a)	PASS
2	Occupied bandwidth	15.407(e)	PASS
3	Frequency stability	15.407(g)	PASS
4	Power spectral density	15.407(a)	PASS
5	Unwanted Emissions	15.407(b)	PASS
6	Conducted Emissions	15.207	PASS

Date of Testing: July 29, 2021 and August 2, 2021  
Date of Sample Received: June 23, 2021

Note: PASS: The EUT complies with the essential requirements in the standard.  
FAIL: The EUT does not comply with the essential requirements in the standard.  
All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.



## 1. Test Laboratory

### 1.1. Notes of the test report

This report shall not be reproduced in full or partial, without the written approval of **TA technology (shanghai) co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

### 1.2. Test facility

#### **FCC (Designation number: CN1179, Test Firm Registration Number: 446626)**

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

#### **A2LA (Certificate Number: 3857.01)**

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

### 1.3. Testing Location

Company: TA Technology (Shanghai) Co., Ltd.  
Address: No.145, Jintang Rd, Tangzhen Industry Park, Pudong  
City: Shanghai  
Post code: 201201  
Country: P. R. China  
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Fax: +86-021-50791141/2/3-8000  
Website: <http://www.ta-shanghai.com>  
E-mail: [xukai@ta-shanghai.com](mailto:xukai@ta-shanghai.com)

## 2. General Description of Equipment under Test

### 2.1. Applicant and Manufacturer Information

<b>Applicant</b>	Nokia ShangHai Bell Co., Ltd.
<b>Applicant address</b>	No.388 Ningqiao Road, Pudong Jinqiao, Shanghai, 201206 CHINA
<b>Manufacturer</b>	Nokia ShangHai Bell Co., Ltd.
<b>Manufacturer address</b>	No.388 Ningqiao Road, Pudong Jinqiao, Shanghai, 201206 CHINA

### 2.2. General information

EUT Description	
Model	G-1425G-A
Lab internal SN	R2106A0526/S01
Hardware Version	PEM2
Software Version	Null
Power Supply	AC adapter / External power supply
Antenna Type	External Antenna
Directional Gain	Without Beamforming Mode: 5dBi Beamforming Mode for 5150MHz: 7.2dBi Beamforming Mode for 5550MHz: 7.6dBi Beamforming Mode for 5850MHz: 7.8dBi
Test Band	U-NII-1(5150MHz-5250MHz) U-NII-2A(5250MHz-5350MHz) U-NII-2C(5470MHz-5725MHz) U-NII-3(5725MHz-5850MHz)
Modulation Type	802.11a/n (HT20/HT40) : OFDM 802.11ac (VHT20/VHT40/VHT80): OFDM
Max. Conducted Power	23.59dBm
Operating Frequency Range(s)	U-NII-1: 5150MHz-5250MHz U-NII-2A:5250MHz -5350MHz U-NII-2C:5470MHz-5725MHz U-NII-3: 5725MHz -5850MHz
Extreme temperature range:	-30 ° C to 50° C
Operating temperature range:	-5 ° C to 45° C
Operating voltage range:	10V to 14V
State DC voltage:	12V
EUT Accessory	
Adapter 1	Manufacturer: FUHUA ELECTRONIC CO., LTD. Model: UES18LU-120150SPA
Adapter 2	Manufacturer: FUHUA ELECTRONIC CO., LTD. Model: UES24WU-120200SPA



Adapter 3	Manufacturer: MOSO POWER SUPPLY TECHNOLOGY CO.,LTD Model: MSA-C1500CS12.0-18J-US
Adapter 4	Manufacturer: SHENZHEN RUIDE ELECTRONIC INDUSTRIAL CO.,LTD Model: RD1201500-C55-153MG
Adapter 5	Manufacturer: SHENZHEN RUIDE ELECTRONIC INDUSTRIAL CO.,LTD Model: RD1201500-C55-81AG
Adapter 6	Manufacturer: FUHUA ELECTRONIC CO., LTD. Model: UES18LS-120150SPA
Note: 1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.	



### 3. Applied Standards

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

**Test standards:**

**FCC CFR47 Part 15E (2020)** Unlicensed National Information Infrastructure Devices

**ANSI C63.10 (2013)**

**Reference standard:**

**KDB 789033 D02 General UNII Test Procedures New Rules v02r01**

**KDB 662911 D01 Multiple Transmitter Output v02r01**



## 4. Test Configuration

### Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in stand-up position (Z axis) and the worst case was recorded.

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate. Preliminary tests have been done on all the configuration for confirming worst case. Data rate below means worst-case rate of each test item.

Worst-case data rates are shown as following table.

Mode	Data Rate
	MIMO
802.11a	6 Mbps
802.11n HT20	MCS8
802.11n HT40	MCS8
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

The device supports non-beamforming and beamforming function in 802.11n/ac, after pre-testing, beamforming mode has the worst emission value, so the worst case was recorded.

The worst case Antenna mode for each of the following tests for Wi-Fi:

Test Cases	MIMO Antenna 1	MIMO Antenna 2	MIMO
Average conducted output power	O	O	O
Occupied bandwidth	O	O	O
Frequency stability	--	--	802.11a
Power Spectral Density	O	O	O
Unwanted Emissions	--	--	O
Conducted Emissions	--	--	O

Note: "O": test all bands



## Wireless Technology and Frequency Range

Wireless Technology		Bandwidth	Channel	Frequency
Wi-Fi	U-NII-1	20 MHz	36	5180MHz
			40	5200MHz
			44	5220MHz
			48	5240MHz
		40 MHz	38	5190MHz
			46	5230MHz
	80 MHz	42	5210MHz	
	U-NII-2A	20 MHz	52	5260MHz
			56	5280MHz
			60	5300MHz
			64	5320MHz
		40 MHz	54	5270MHz
			62	5310MHz
	80 MHz	58	5290MHz	
	U-NII-2C	20 MHz	100	5500MHz
			104	5520MHz
			108	5540MHz
			112	5560MHz
			116	5580MHz
			120	5600MHz
			124	5620MHz
			128	5640MHz
			132	5660MHz
			136	5680MHz
			140	5700MHz
			144	5720MHz
		40 MHz	102	5510MHz
			110	5550MHz
			118	5590MHz
			126	5630MHz
134			5670MHz	
142			5710MHz	
80 MHz	106	5530MHz		
	122	5610MHz		
	138	5690MHz		
U-NII-3	20 MHz	149	5745MHz	
		153	5765MHz	
		157	5785MHz	



			161	5805MHz
			165	5825MHz
		40 MHz	151	5755MHz
			159	5795MHz
		80 MHz	155	5775MHz
Does this device support TPC Function? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Does this device support TDWR Band? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

## 5. Test Case Results

### 5.1. Occupied Bandwidth

#### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

#### Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable.

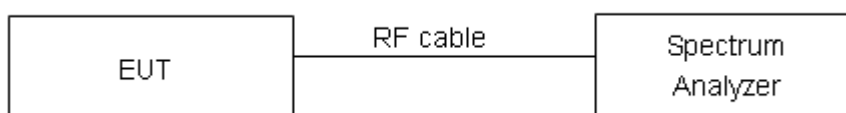
For U-NII-1/U-NII-2A/U-NII-2C, set RBW  $\approx$ 1% OCB kHz, VBW  $\geq$  3  $\times$  RBW, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

For U-NII-3, Set RBW = 100 kHz, VBW  $\geq$  3  $\times$  RBW, 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.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

Use the 99 % power bandwidth function of the instrument

#### Test Setup



#### Limits

Rule FCC Part §15.407(e)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

#### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 936$  Hz.

**Test Results:****Without Beamforming****MIMO Antenna 1****U-NII-1**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5180	16.936	20.31	PASS
	5200	16.947	20.23	PASS
	5240	16.904	20.15	PASS
802.11n HT20	5180	17.834	20.64	PASS
	5200	17.869	20.66	PASS
	5240	17.852	20.68	PASS
802.11n HT40	5190	36.106	41.31	PASS
	5230	36.202	41.21	PASS
802.11ac VHT20	5180	17.632	20.48	PASS
	5200	17.655	20.52	PASS
	5240	17.664	20.56	PASS
802.11ac VHT40	5190	36.245	40.71	PASS
	5230	36.286	40.79	PASS
802.11ac VHT80	5210	75.570	81.79	PASS

**U-NII-2A**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5260	16.942	20.38	PASS
	5300	16.951	20.41	PASS
	5320	16.928	20.33	PASS
802.11n HT20	5260	17.829	20.69	PASS
	5300	17.847	20.62	PASS
	5320	17.841	20.69	PASS
802.11n HT40	5270	36.158	41.23	PASS
	5310	36.171	41.15	PASS
802.11ac VHT20	5260	17.649	20.46	PASS
	5300	17.686	20.48	PASS
	5320	17.661	20.49	PASS
802.11ac VHT40	5270	36.260	40.65	PASS
	5310	36.246	40.76	PASS
802.11ac VHT80	5290	75.449	81.70	PASS



## U-NII-2C

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5500	16.980	20.47	PASS
	5600	16.972	20.37	PASS
	5700	17.077	21.31	PASS
	5720	17.132	21.15	PASS
802.11n HT20	5500	17.939	20.81	PASS
	5580	17.959	20.84	PASS
	5700	18.135	26.91	PASS
	5720	18.189	27.24	PASS
802.11n HT40	5510	37.488	71.29	PASS
	5550	36.872	61.26	PASS
	5670	49.174	79.25	PASS
	5710	48.283	79.53	PASS
802.11ac VHT20	5500	17.719	20.65	PASS
	5580	17.758	20.67	PASS
	5700	17.860	26.34	PASS
	5720	17.924	26.57	PASS
802.11ac VHT40	5510	37.377	67.55	PASS
	5550	36.918	57.21	PASS
	5670	49.385	80.00	PASS
	5710	47.965	79.89	PASS
802.11ac VHT80	5530	75.413	81.68	PASS
	5610	88.027	142.9	PASS
	5690	92.112	157.7	PASS



## U-NII-3

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11a	5720	17.132	15.200	500	PASS
	5745	17.417	15.160	500	PASS
	5785	17.933	15.160	500	PASS
	5825	17.186	15.240	500	PASS
802.11n HT20	5720	18.189	13.960	500	PASS
	5745	19.459	15.200	500	PASS
	5785	18.684	15.160	500	PASS
	5825	18.351	16.000	500	PASS
802.11n HT40	5710	48.283	35.200	500	PASS
	5755	41.564	35.200	500	PASS
	5795	41.372	35.280	500	PASS
802.11ac VHT20	5720	17.924	15.160	500	PASS
	5745	19.232	15.200	500	PASS
	5785	18.361	15.120	500	PASS
	5825	18.080	15.160	500	PASS
802.11ac VHT40	5710	47.965	35.200	500	PASS
	5755	41.117	35.200	500	PASS
	5795	40.965	35.200	500	PASS
802.11ac VHT80	5690	92.112	74.240	500	PASS
	5775	77.749	75.520	500	PASS

**MIMO Antenna 2****U-NII-1**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5180	16.967	20.34	PASS
	5200	16.977	20.42	PASS
	5240	16.965	20.25	PASS
802.11n HT20	5180	17.623	20.10	PASS
	5200	17.681	20.32	PASS
	5240	17.635	20.42	PASS
802.11n HT40	5190	36.251	40.71	PASS
	5230	36.311	40.76	PASS
802.11ac VHT20	5180	17.757	20.49	PASS
	5200	17.811	20.55	PASS
	5240	17.758	20.52	PASS
802.11ac VHT40	5190	36.323	41.09	PASS
	5230	36.383	41.08	PASS
802.11ac VHT80	5210	75.395	81.21	PASS

**U-NII-2A**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5260	16.950	20.49	PASS
	5300	17.003	20.30	PASS
	5320	16.891	20.18	PASS
802.11n HT20	5260	17.623	20.20	PASS
	5300	17.634	20.29	PASS
	5320	17.612	20.37	PASS
802.11n HT40	5270	36.342	40.66	PASS
	5310	36.325	40.65	PASS
802.11ac VHT20	5260	17.739	20.53	PASS
	5300	17.769	20.64	PASS
	5320	17.722	20.45	PASS
802.11ac VHT40	5270	36.336	41.01	PASS
	5310	36.293	41.21	PASS
802.11ac VHT80	5290	75.438	81.38	PASS





## U-NII-2C

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5500	17.017	20.55	PASS
	5580	16.990	20.39	PASS
	5700	17.036	20.45	PASS
	5720	17.162	23.02	PASS
802.11n HT20	5500	17.698	20.39	PASS
	5580	17.670	20.20	PASS
	5700	17.883	26.33	PASS
	5720	17.938	26.70	PASS
802.11n HT40	5510	36.933	64.43	PASS
	5550	36.563	41.44	PASS
	5670	40.461	75.01	PASS
	5710	44.739	77.06	PASS
802.11ac VHT20	5500	17.891	20.79	PASS
	5580	17.842	20.80	PASS
	5700	18.070	25.82	PASS
	5720	18.143	26.77	PASS
802.11ac VHT40	5510	37.283	66.77	PASS
	5550	36.767	47.74	PASS
	5670	42.069	79.69	PASS
	5710	46.031	80.00	PASS
802.11ac VHT80	5530	75.405	81.22	PASS
	5610	79.469	136.9	PASS
	5690	81.855	150.4	PASS



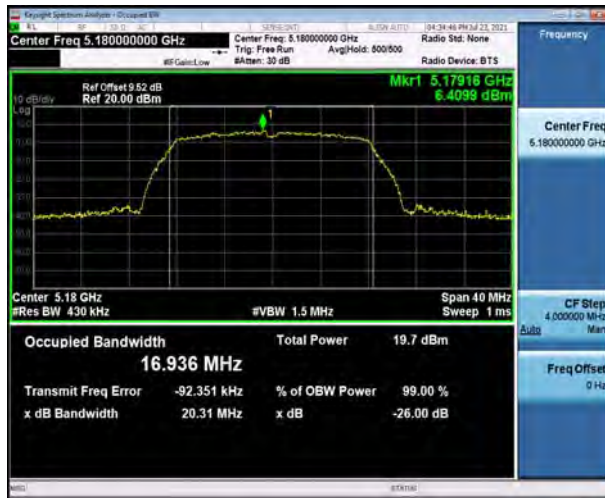
## U-NII-3

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11a	5720	17.162	15.120	500	PASS
	5745	17.796	15.240	500	PASS
	5785	19.572	15.160	500	PASS
	5825	17.804	15.200	500	PASS
802.11n HT20	5720	17.938	13.960	500	PASS
	5745	19.798	15.160	500	PASS
	5785	19.326	15.200	500	PASS
	5825	19.095	15.160	500	PASS
802.11n HT40	5710	44.739	35.200	500	PASS
	5755	40.594	35.200	500	PASS
	5795	42.817	34.080	500	PASS
802.11ac VHT20	5720	18.143	15.160	500	PASS
	5745	20.019	15.160	500	PASS
	5785	19.524	15.200	500	PASS
	5825	19.320	15.160	500	PASS
802.11ac VHT40	5710	46.031	35.200	500	PASS
	5755	41.794	35.200	500	PASS
	5795	44.100	35.200	500	PASS
802.11ac VHT80	5690	79.469	72.960	500	PASS
	5775	85.395	75.360	500	PASS

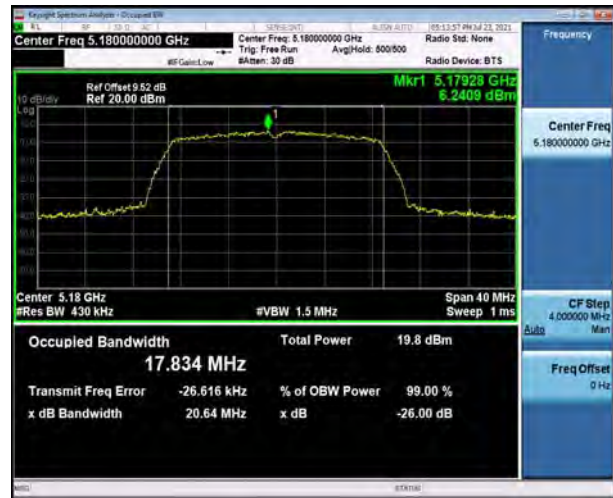


### Without Beamforming Antenna 1

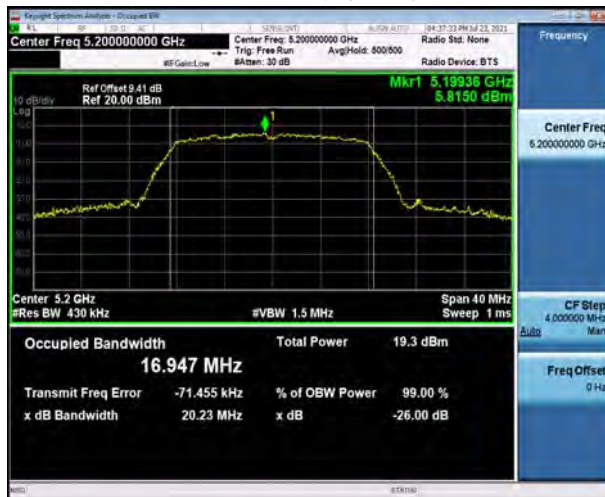
U-NII-1, 802.11a  
Carrier frequency (MHz): 5180



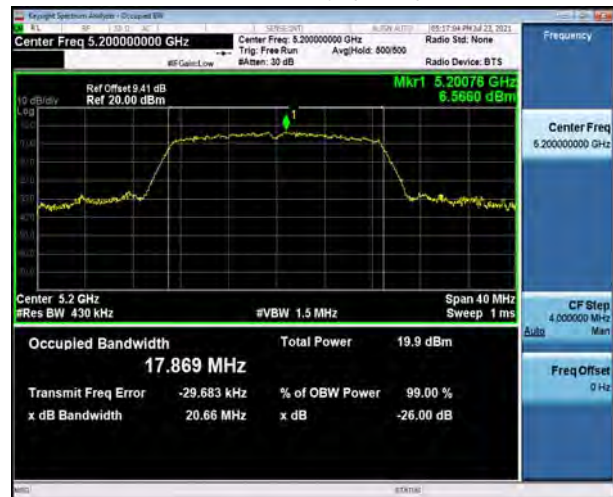
U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11a  
Carrier frequency (MHz): 5200



U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5200



U-NII-1, 802.11a  
Carrier frequency (MHz):5240

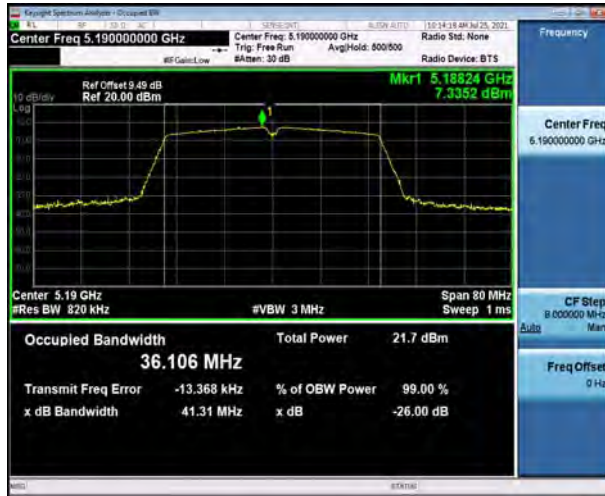


U-NII-1, 802.11n HT20  
Carrier frequency (MHz):5240





U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5190



U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5230



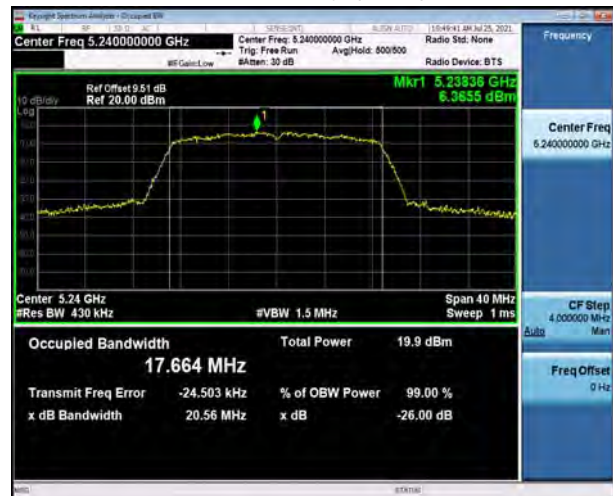
U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5200



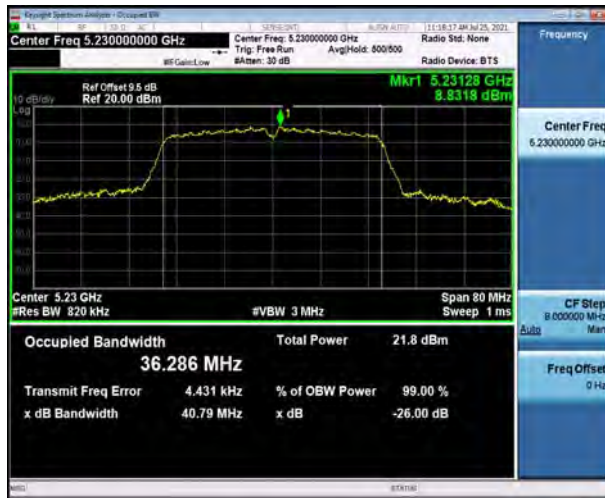
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Carrier frequency (MHz): 5190



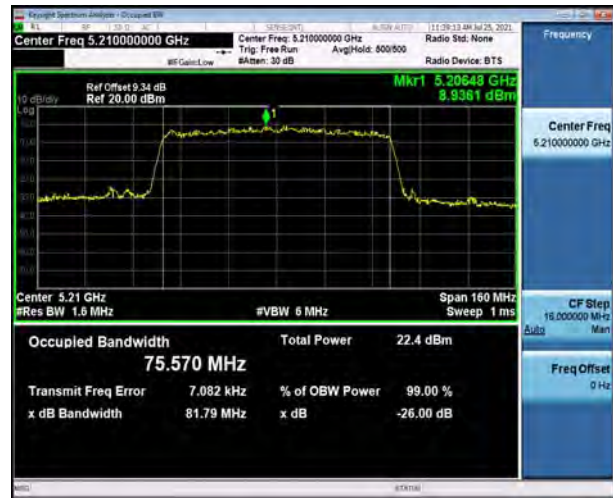
U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5240



U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5230



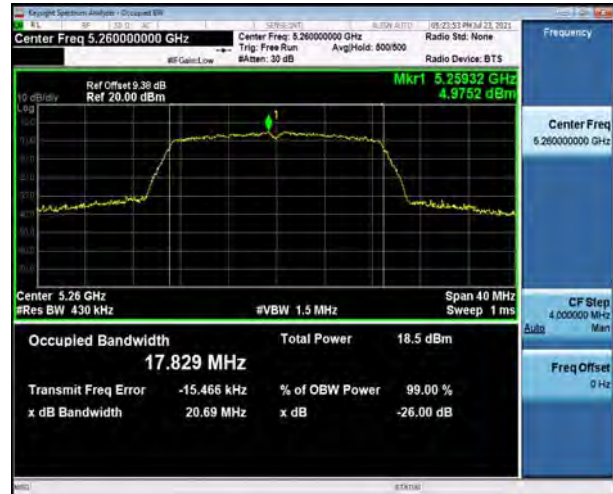
U-NII-1, 802.11ac VHT80  
Carrier frequency (MHz): 5210



U-NII-2A, 802.11a  
Carrier frequency (MHz): 5260



U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5260



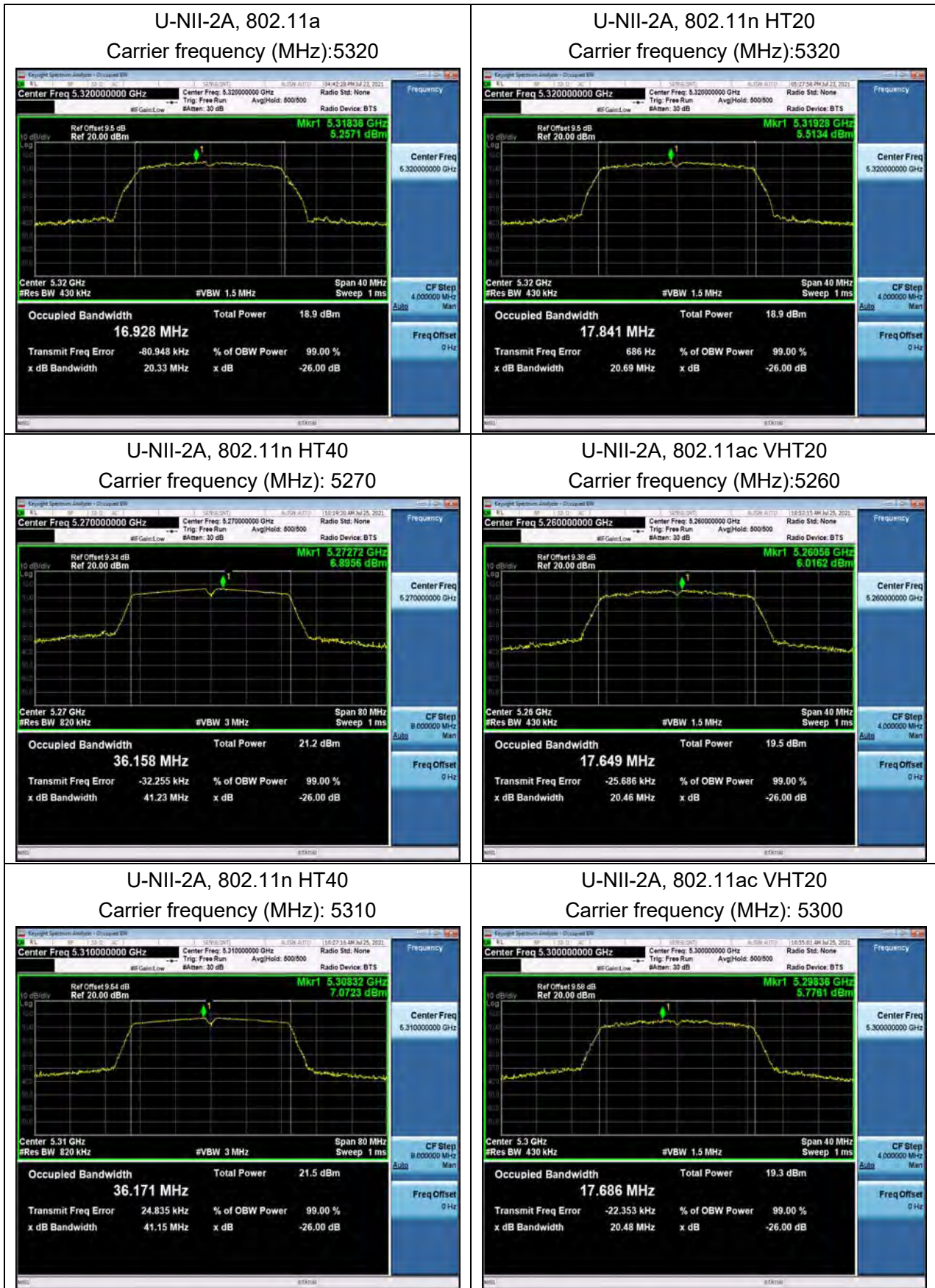
U-NII-2A, 802.11a  
Carrier frequency (MHz): 5300



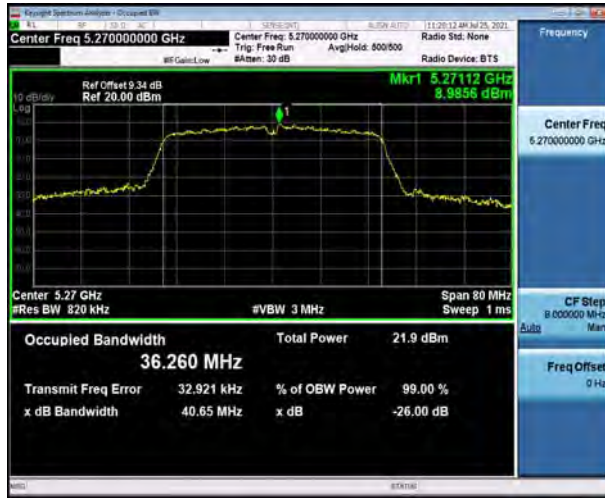
U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5300



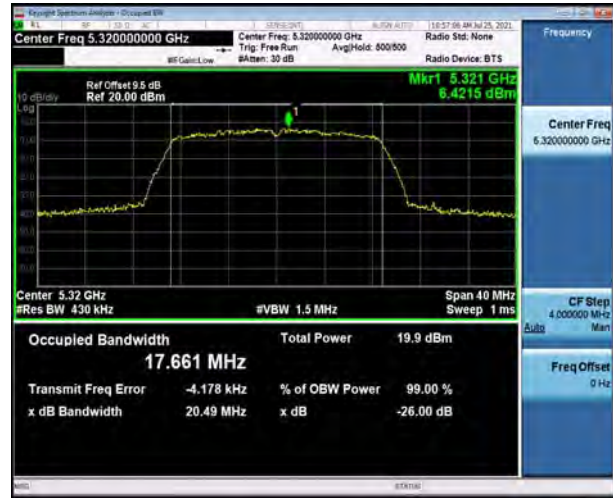




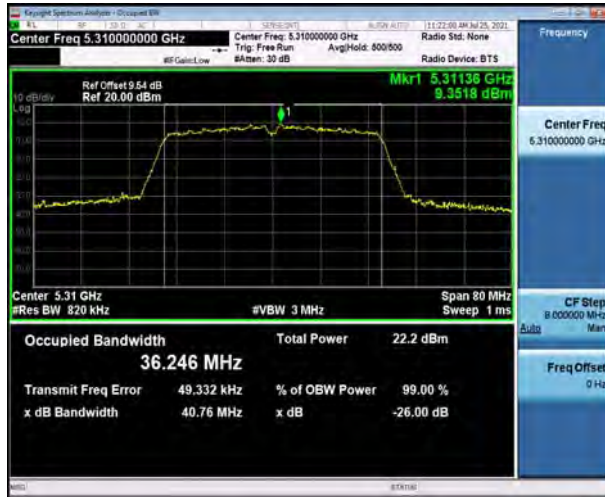
U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5270



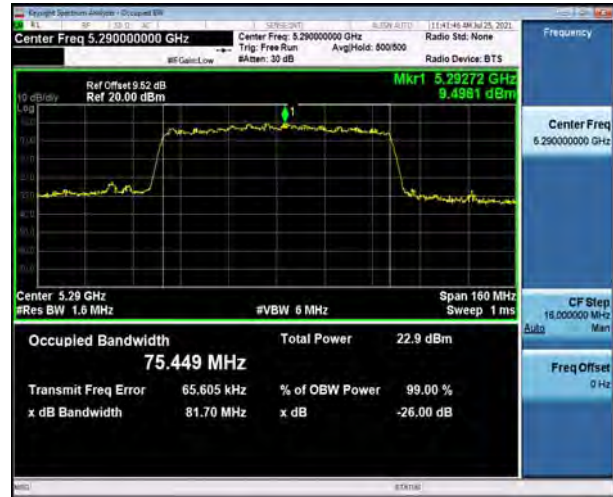
U-NII-2A, 802.11ac VHT20  
Carrier frequency (MHz): 5320



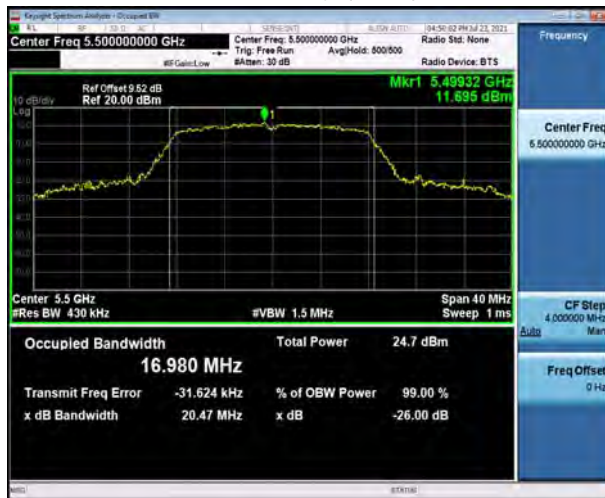
U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5310



U-NII-2A, 802.11ac VHT80  
Carrier frequency (MHz): 5290



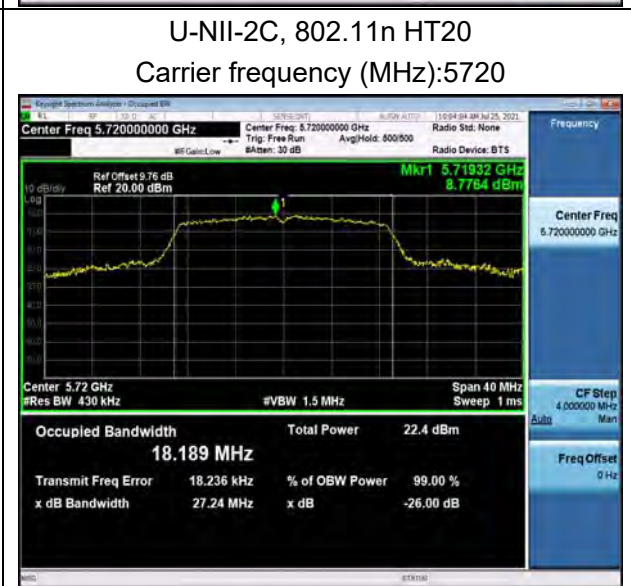
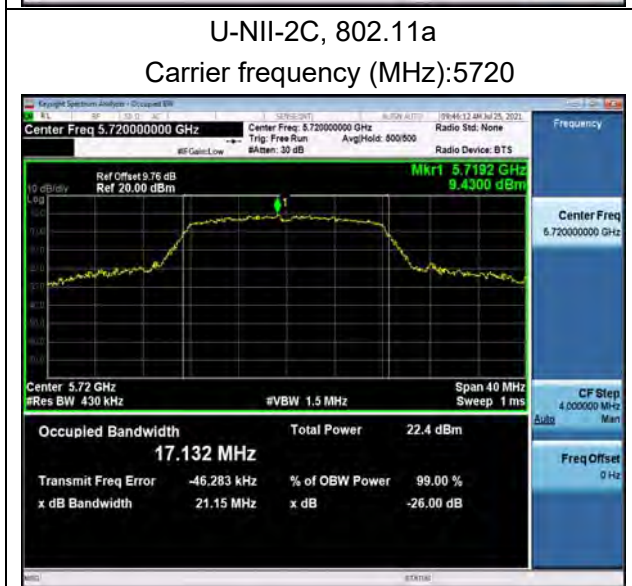
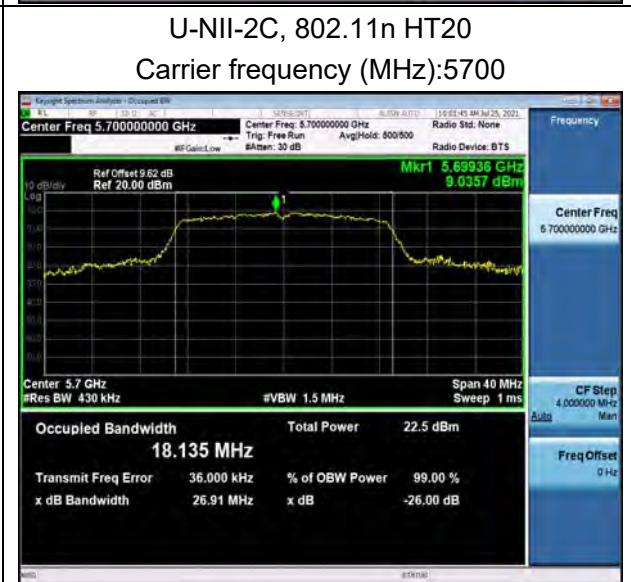
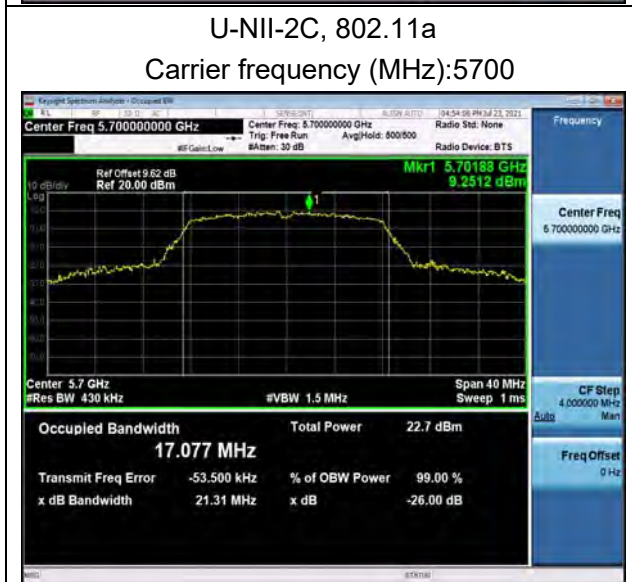
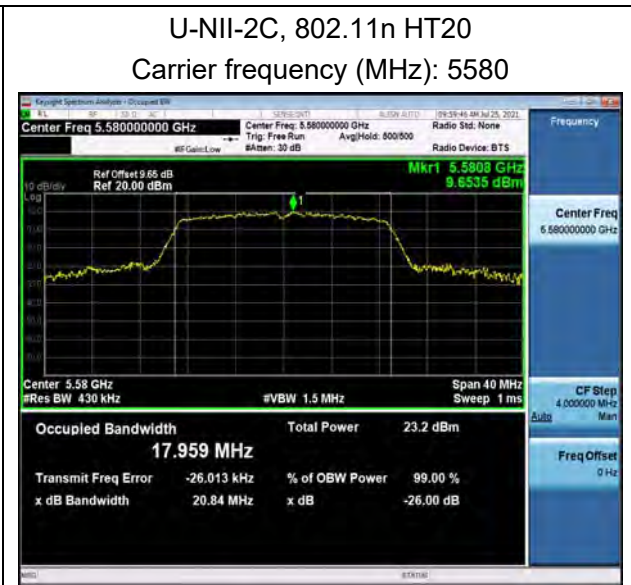
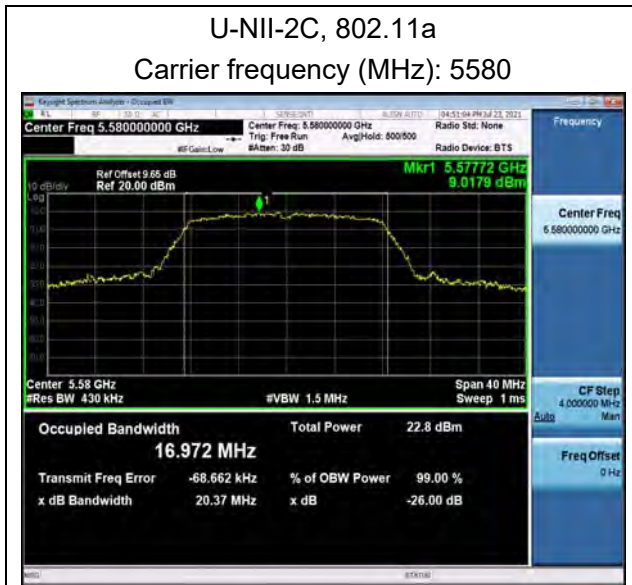
U-NII-2C, 802.11a  
Carrier frequency (MHz): 5500



U-NII-2C, 802.11n HT20  
Carrier frequency (MHz): 5500

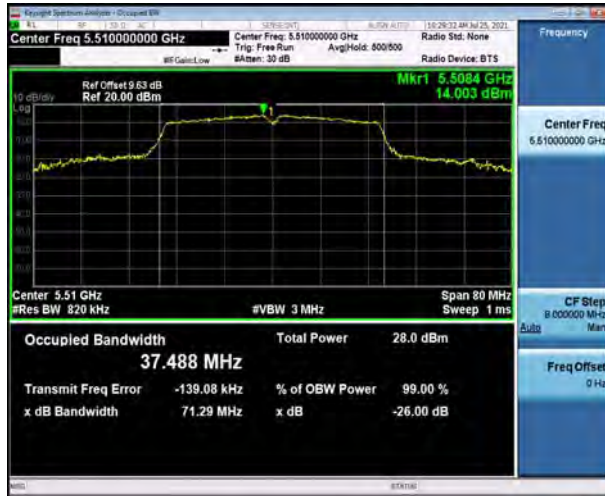




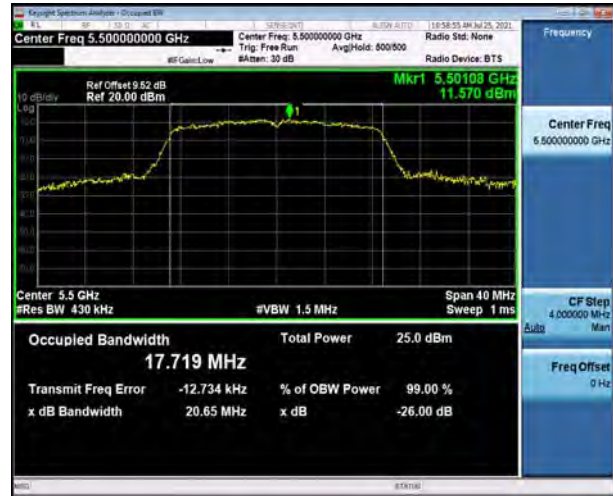




U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5510



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5500



U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5550



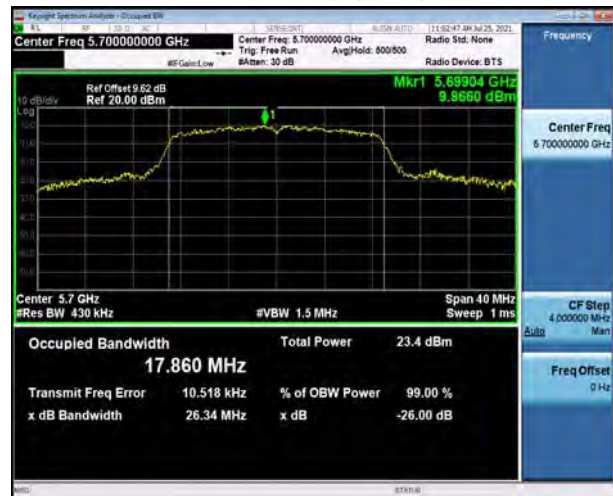
U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5580



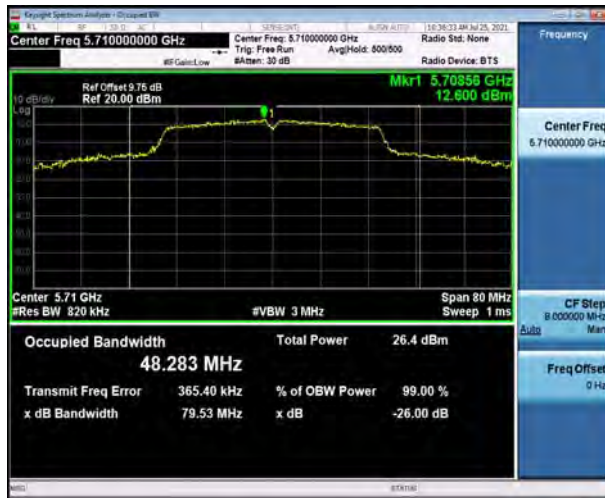
U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5670



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5700



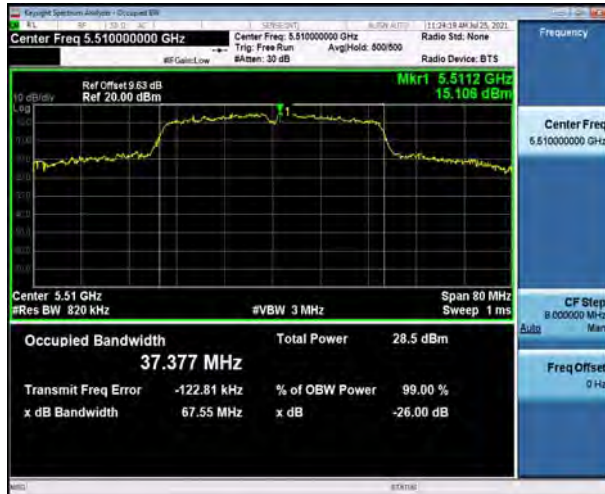
U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5710



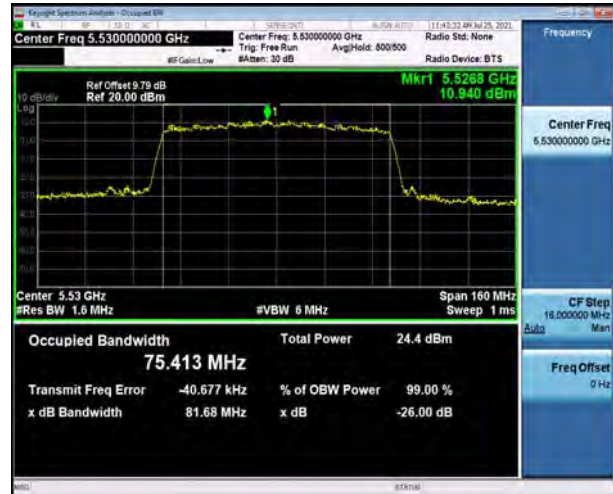
U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5720



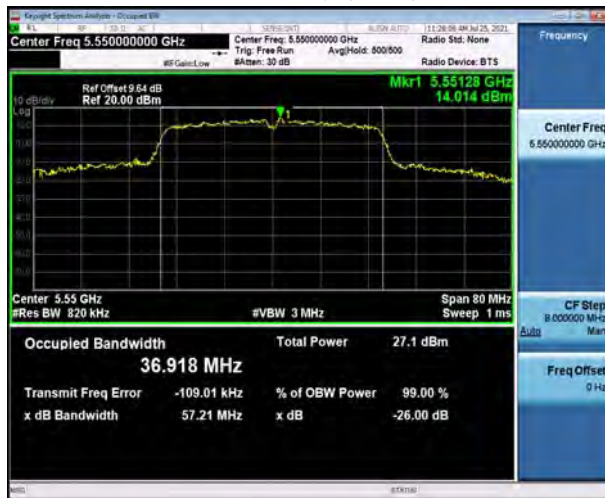
U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5510



U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5530



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5550



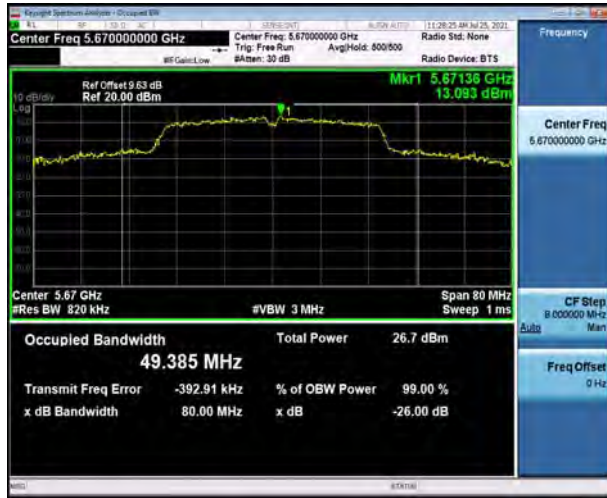
U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5610







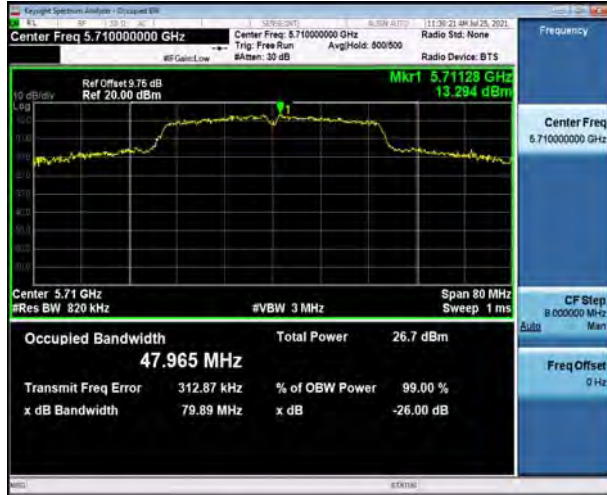
U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5670



U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5690



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5710



/



99% bandwidth

U-NII-3, 802.11a  
Carrier frequency (MHz):5720



U-NII-1, 802.11n 20  
Carrier frequency (MHz):5720



U-NII-3, 802.11a  
Carrier frequency (MHz): 5745



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11a  
Carrier frequency (MHz): 5785



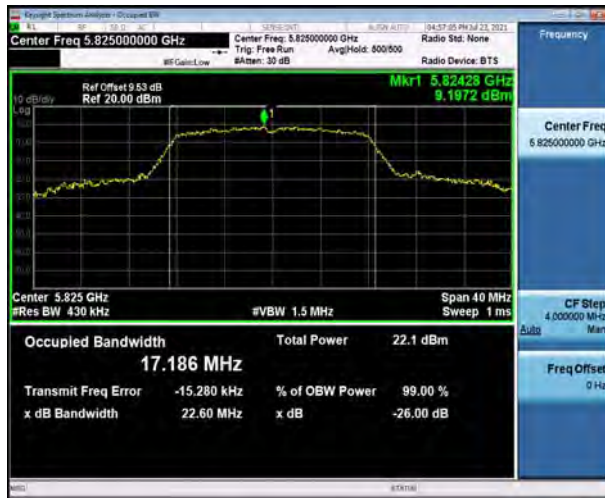
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785







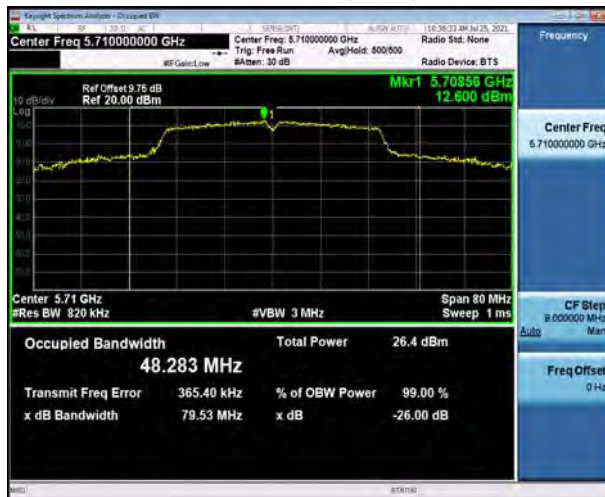
U-NII-3, 802.11a  
Carrier frequency (MHz): 5825



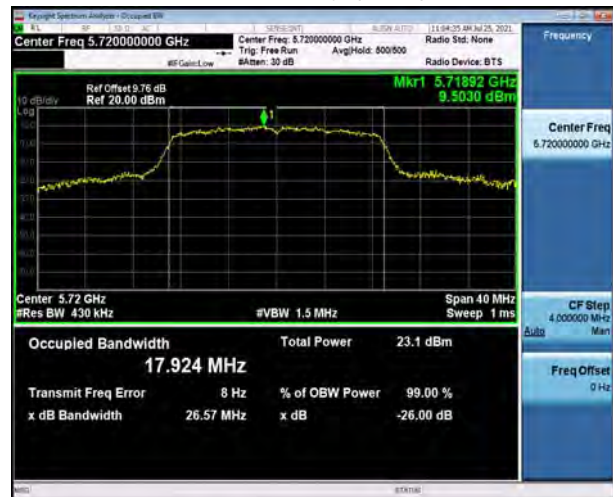
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5745



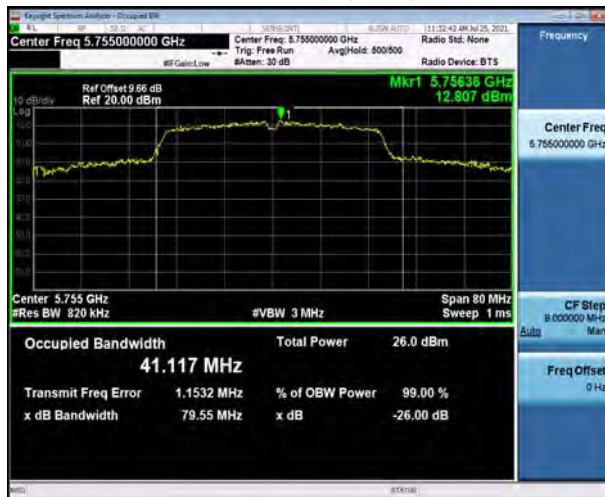
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



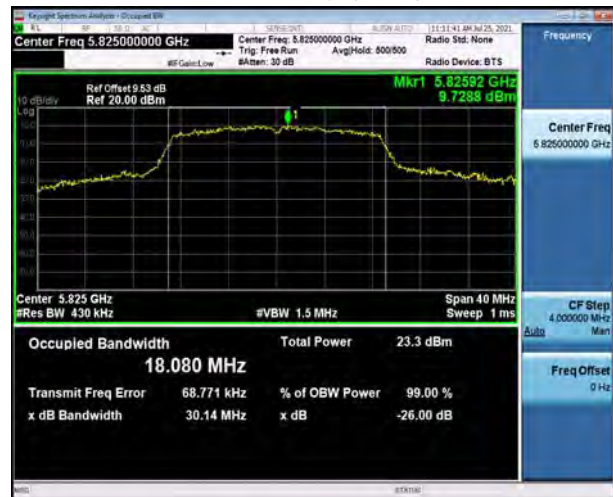
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5785



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5825



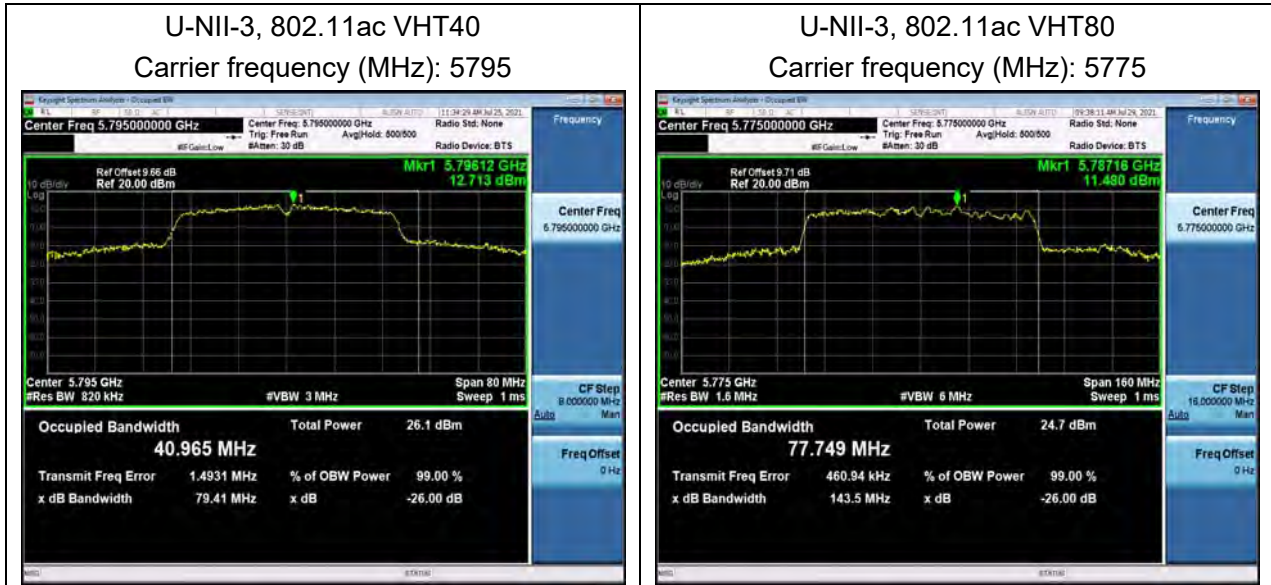
U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5690



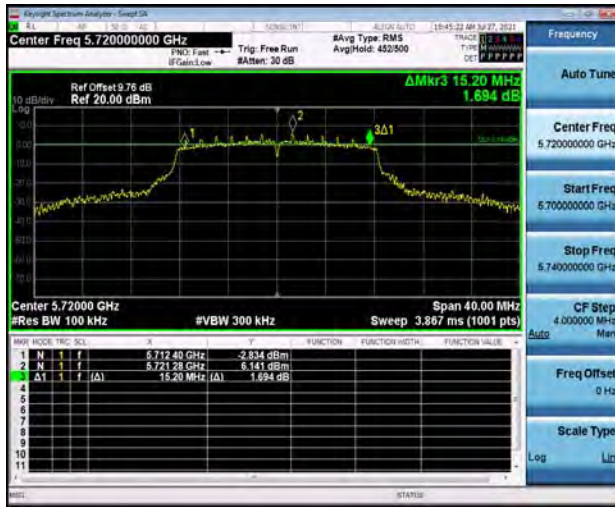




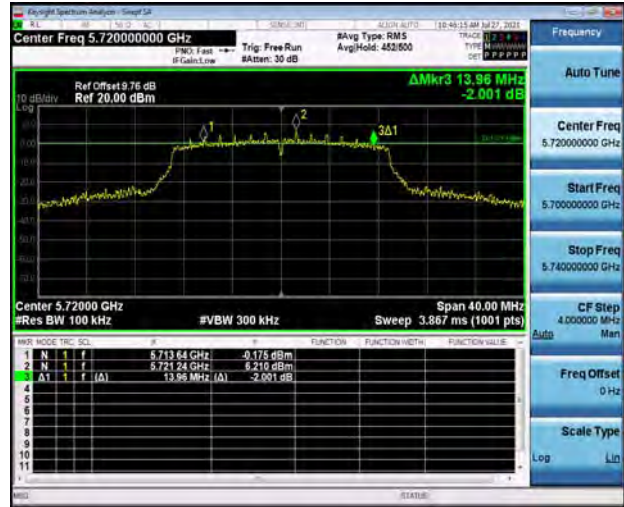


Minimum 6 dB bandwidth

U-NII-3, 802.11a  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11a  
Carrier frequency (MHz): 5745



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11a  
Carrier frequency (MHz): 5785



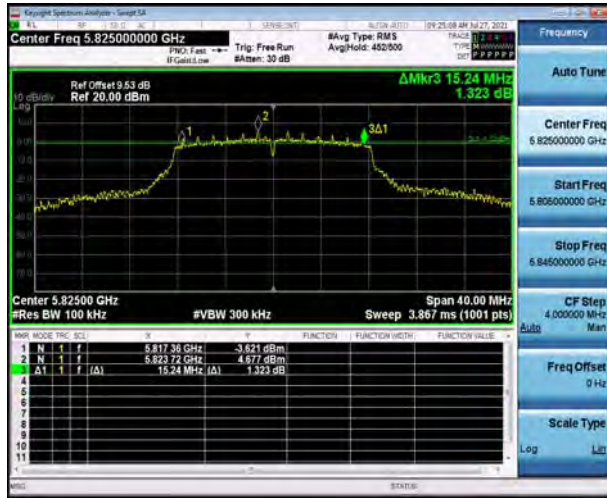
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785



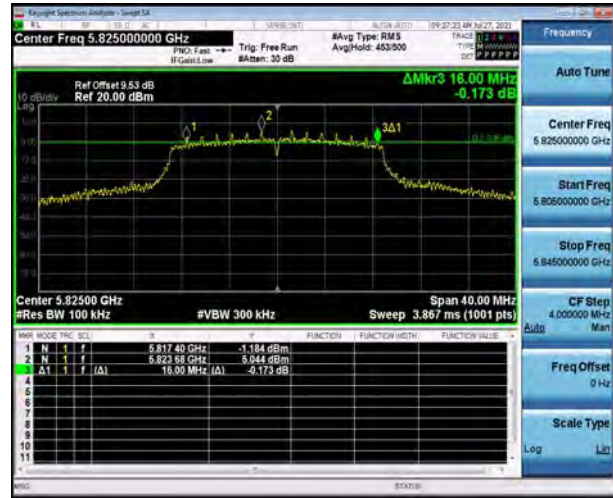




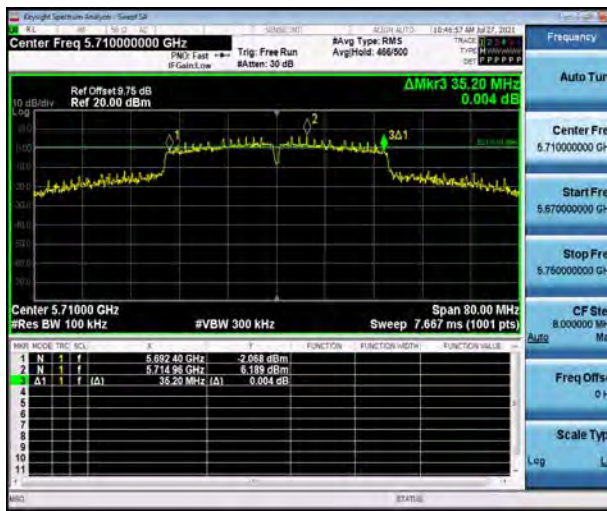
U-NII-3, 802.11a  
Carrier frequency (MHz): 5825



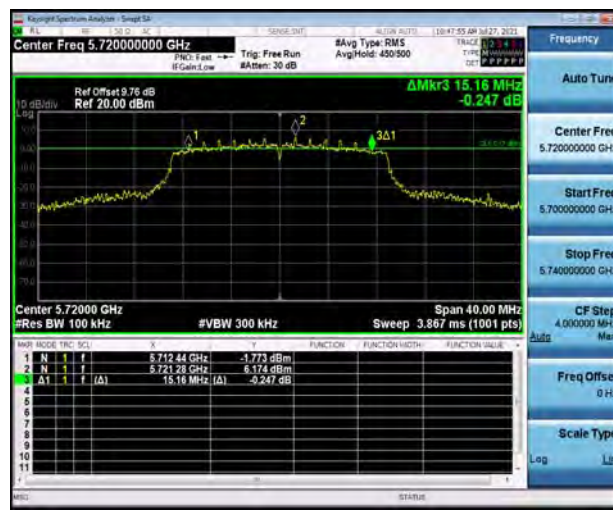
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



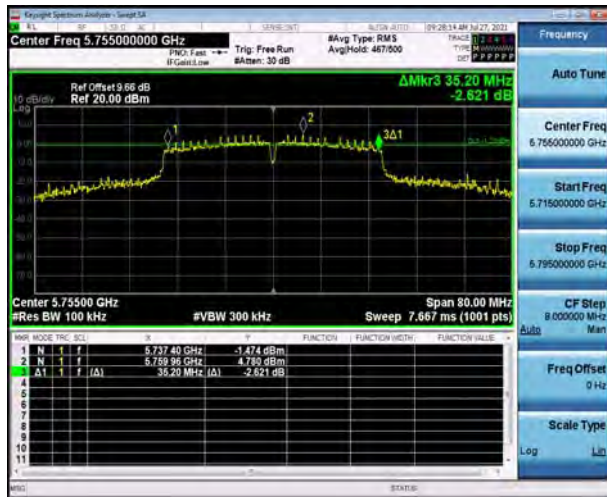
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5710



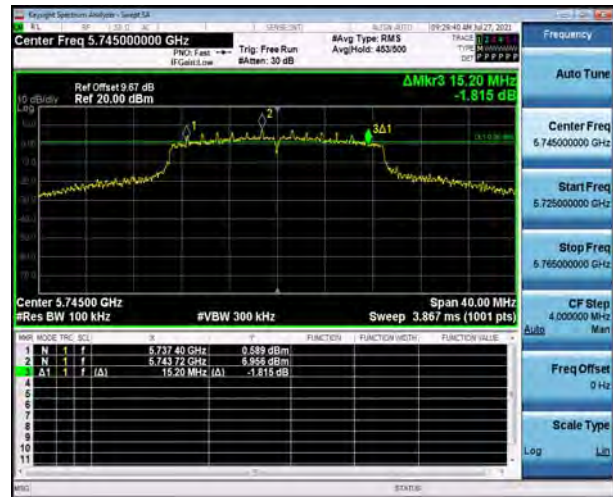
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



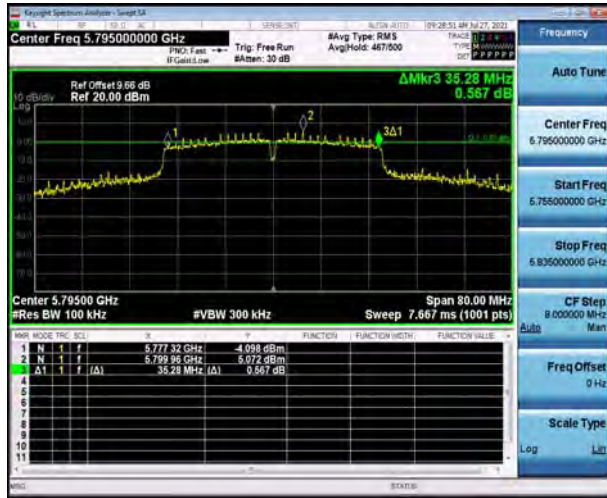
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5745



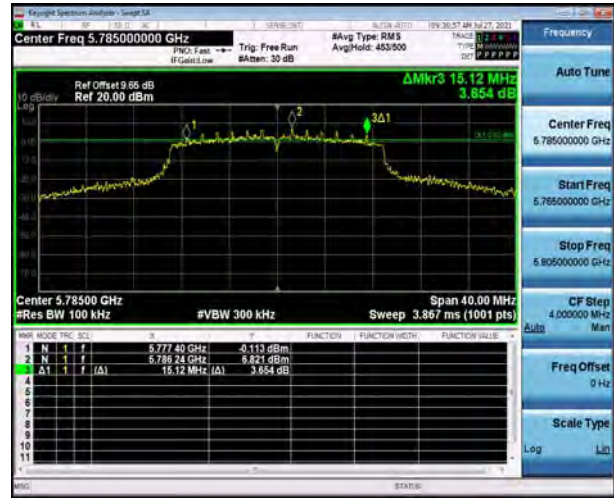




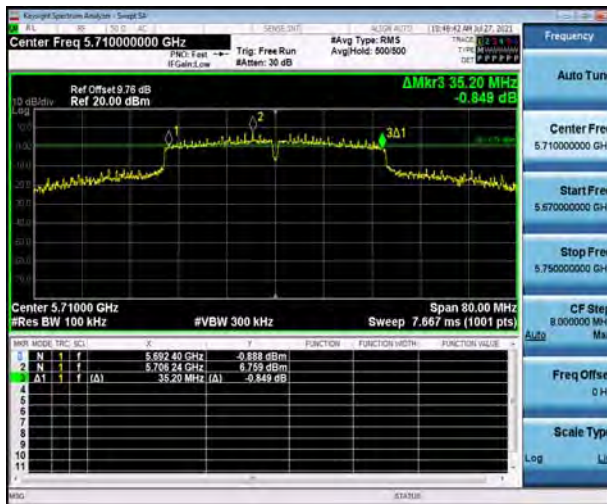
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5785



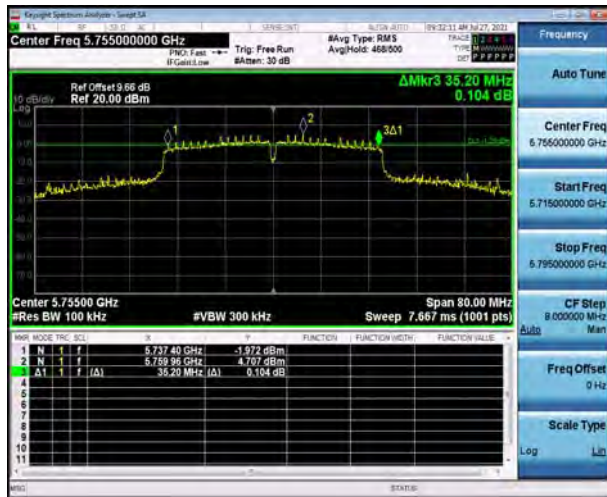
U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5710



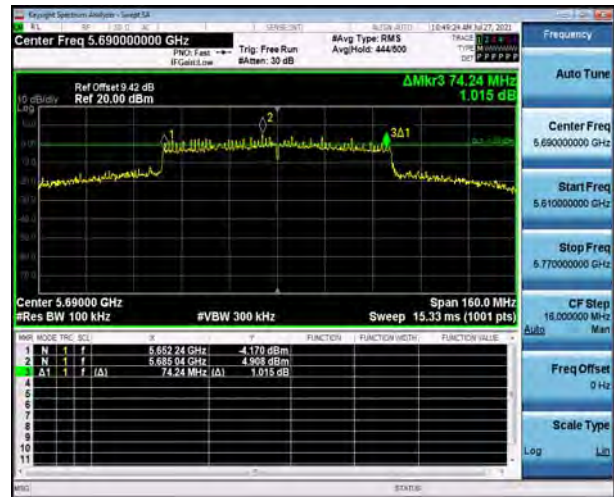
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5755

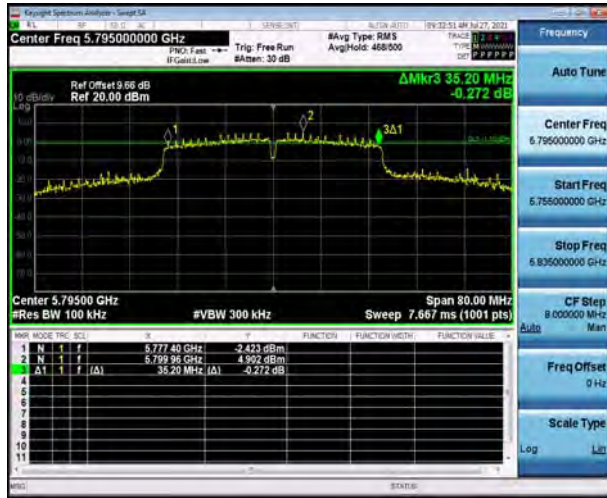


U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5690





U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5775

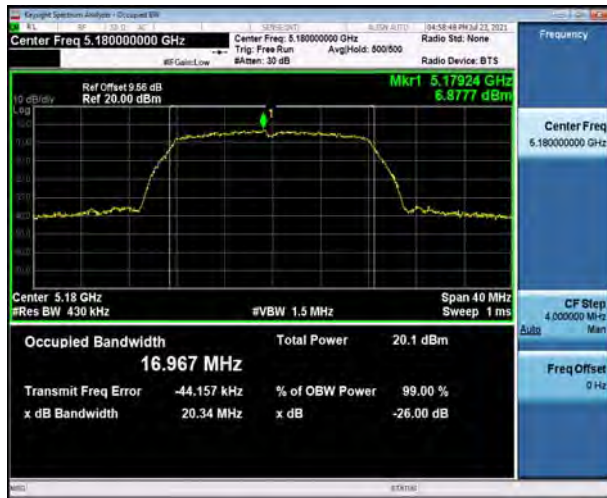




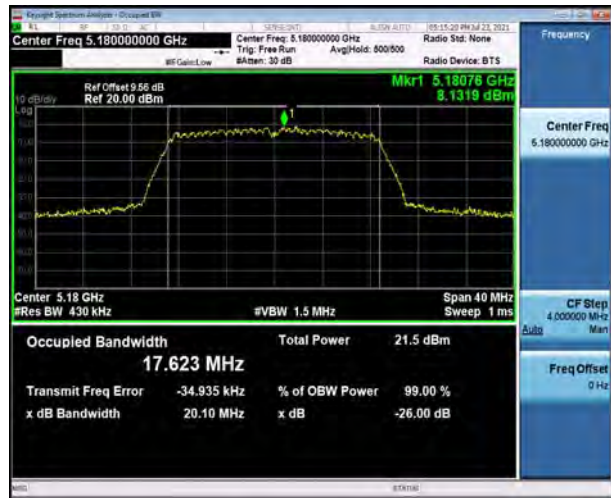


Without Beamforming Antenna 2

U-NII-1, 802.11a  
Carrier frequency (MHz): 5180



U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11a  
Carrier frequency (MHz): 5200



U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5200



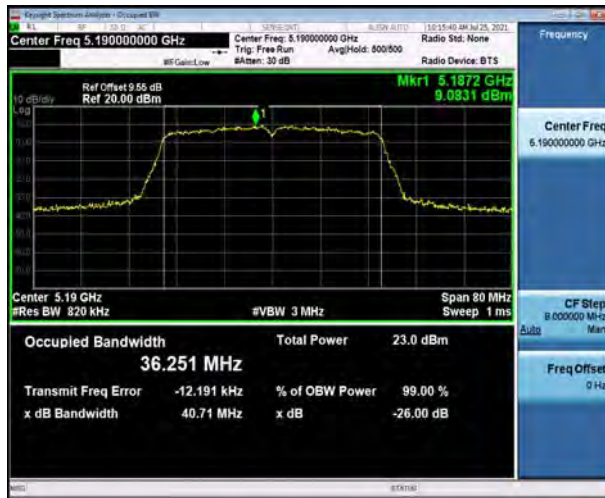
U-NII-1, 802.11a  
Carrier frequency (MHz):5240



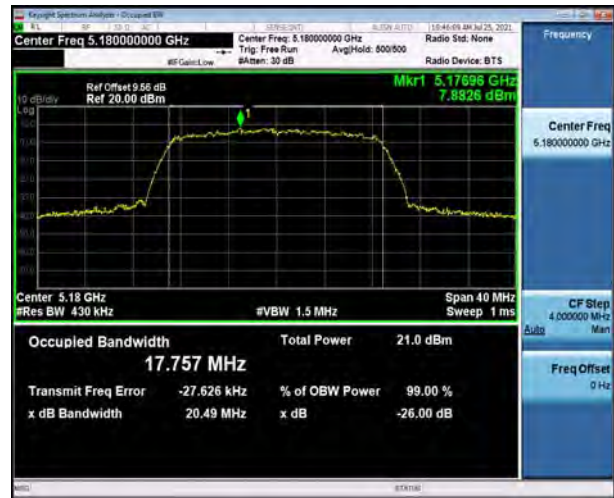
U-NII-1, 802.11n HT20  
Carrier frequency (MHz):5240



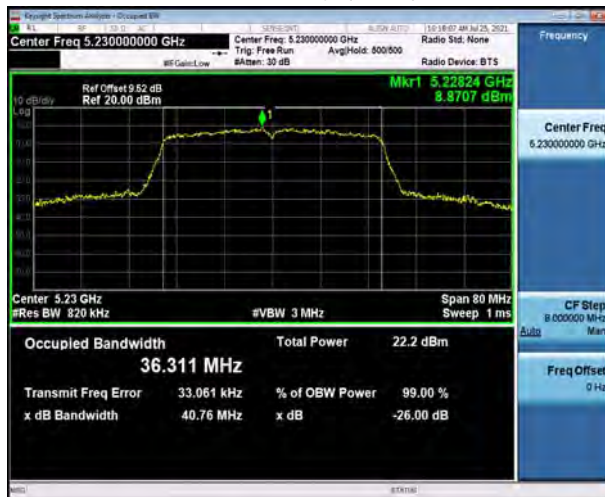
U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5190



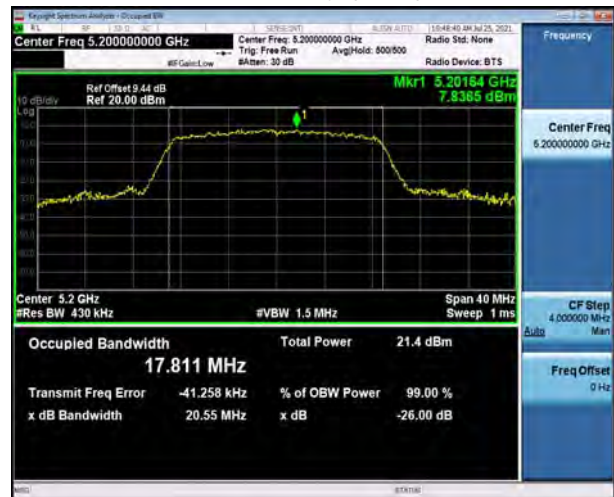
U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5200



U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5190

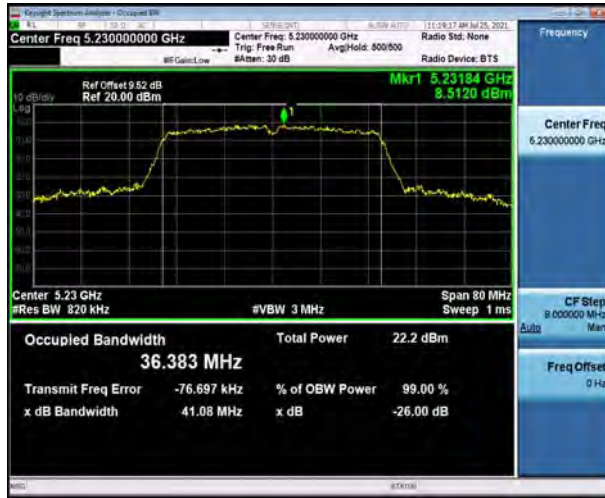


U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5240

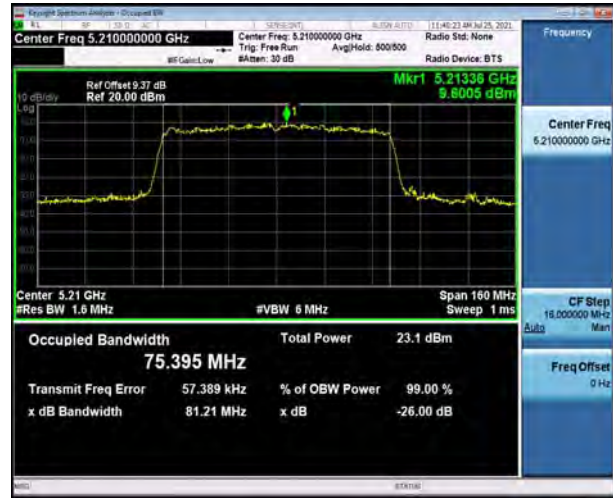




U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac VHT80  
Carrier frequency (MHz): 5210



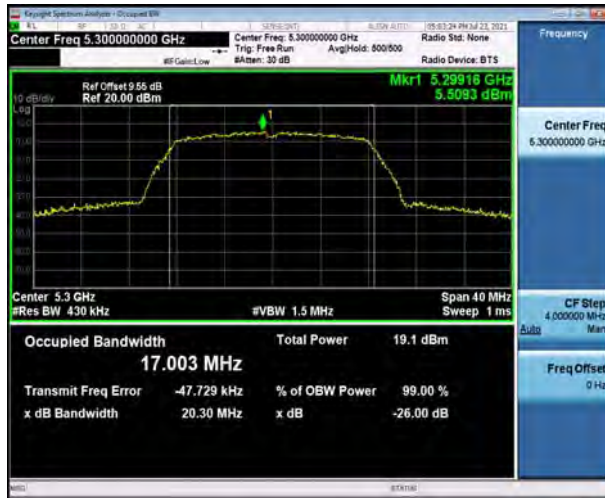
U-NII-2A, 802.11a  
Carrier frequency (MHz): 5260



U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5260

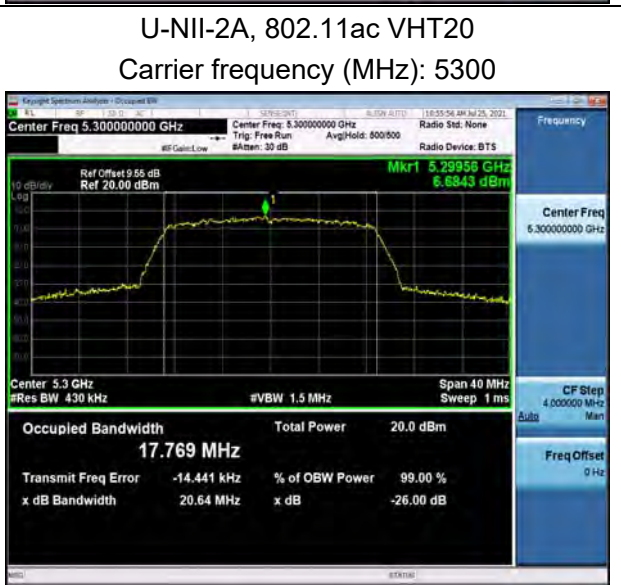
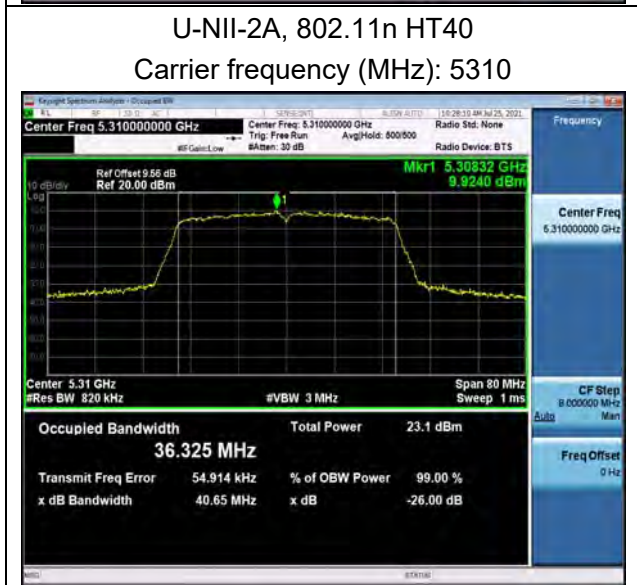
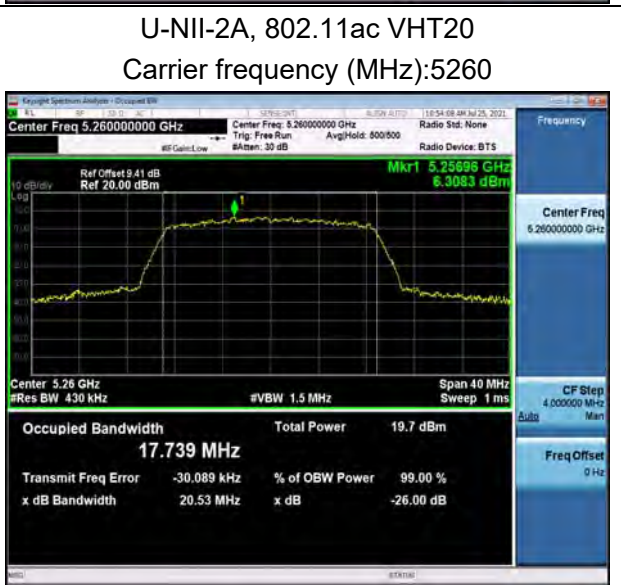
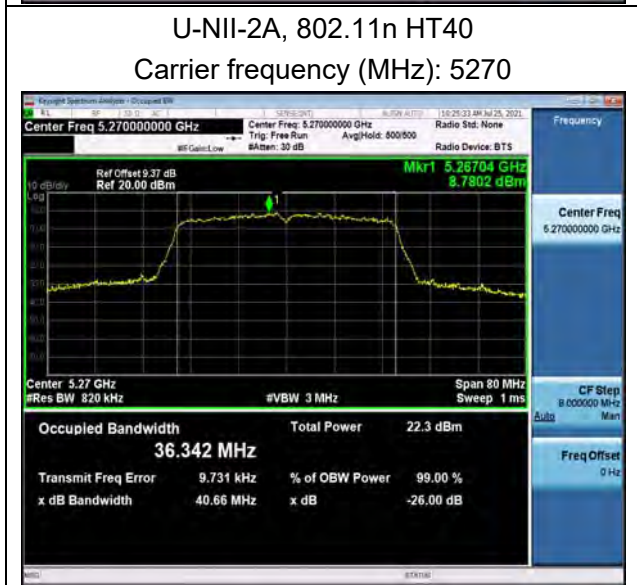
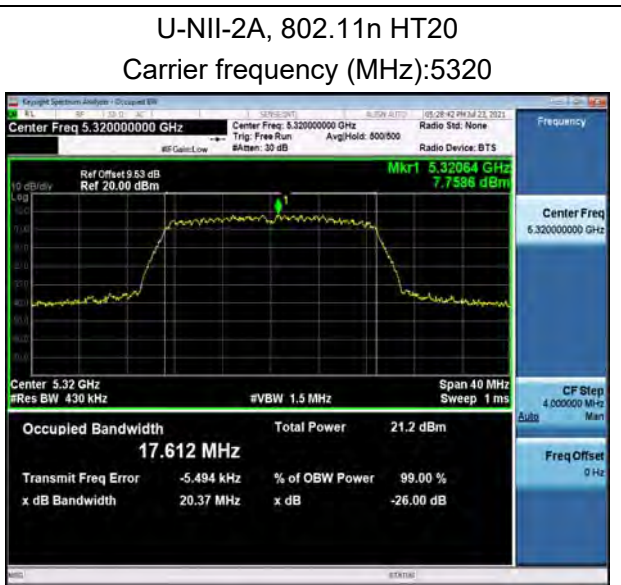
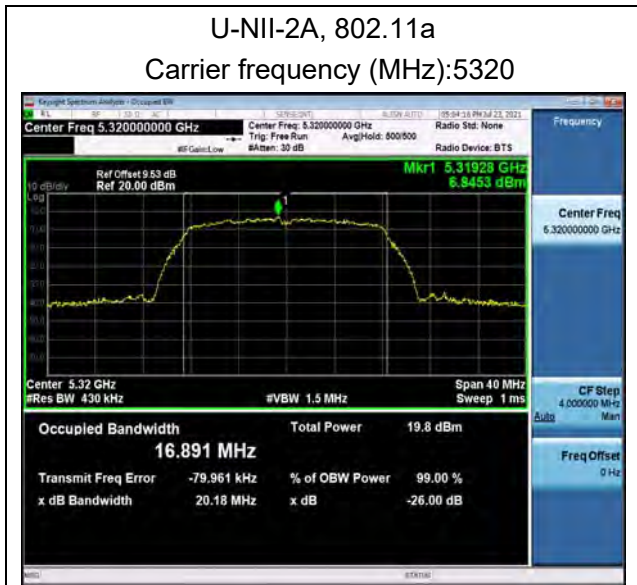


U-NII-2A, 802.11a  
Carrier frequency (MHz): 5300



U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5300



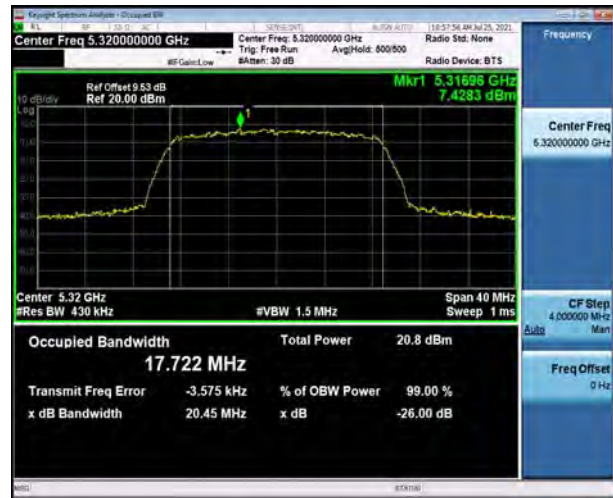




U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5270



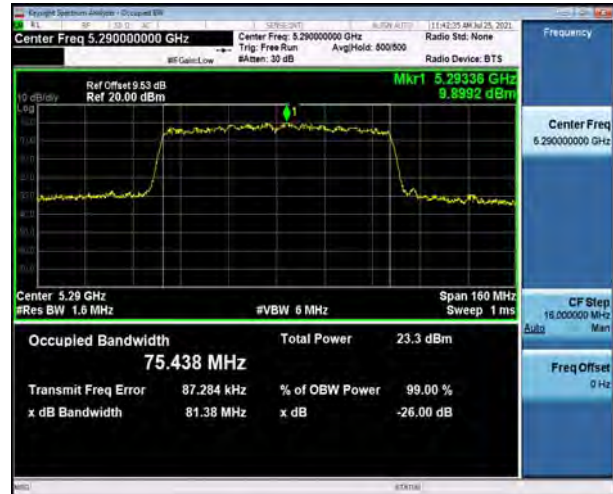
U-NII-2A, 802.11ac VHT20  
Carrier frequency (MHz): 5320



U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5310



U-NII-2A, 802.11ac VHT80  
Carrier frequency (MHz): 5290



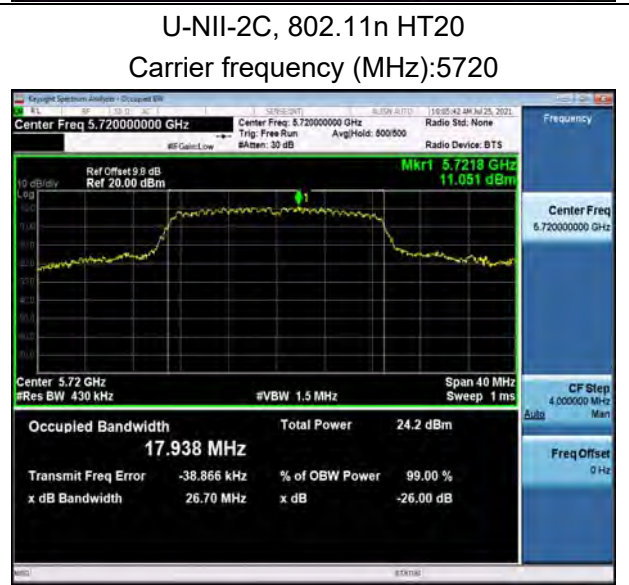
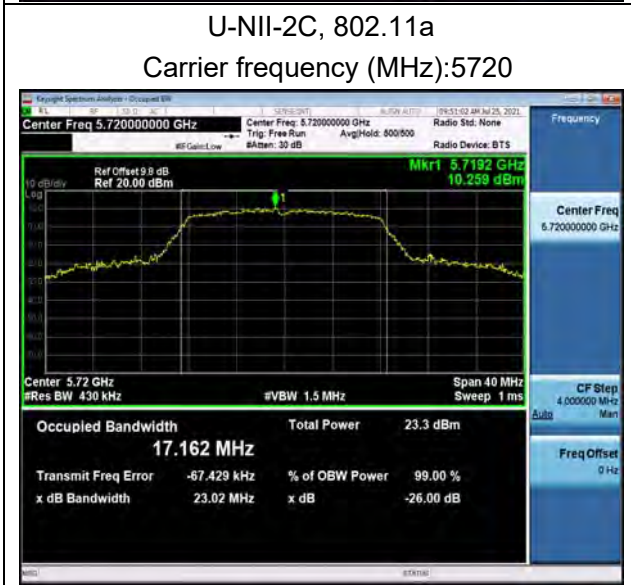
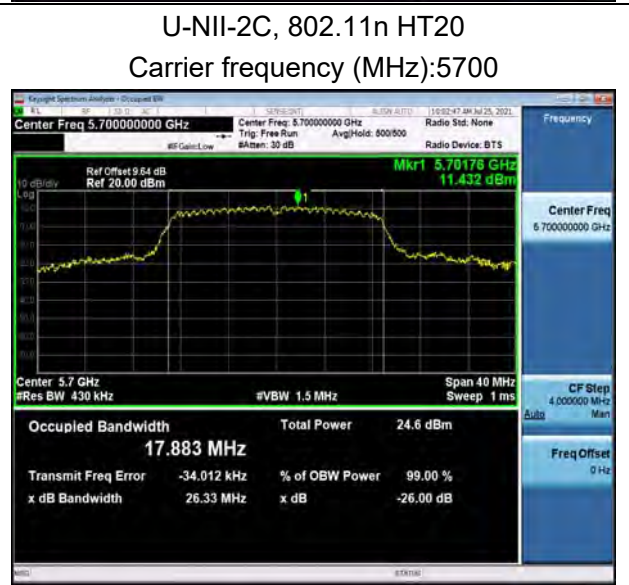
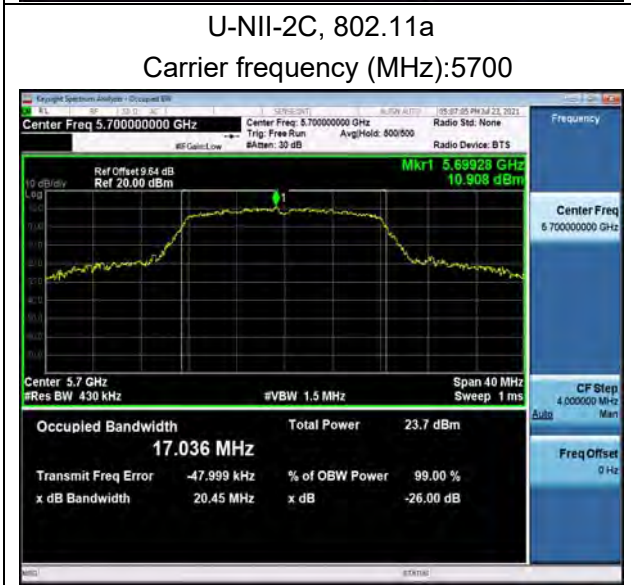
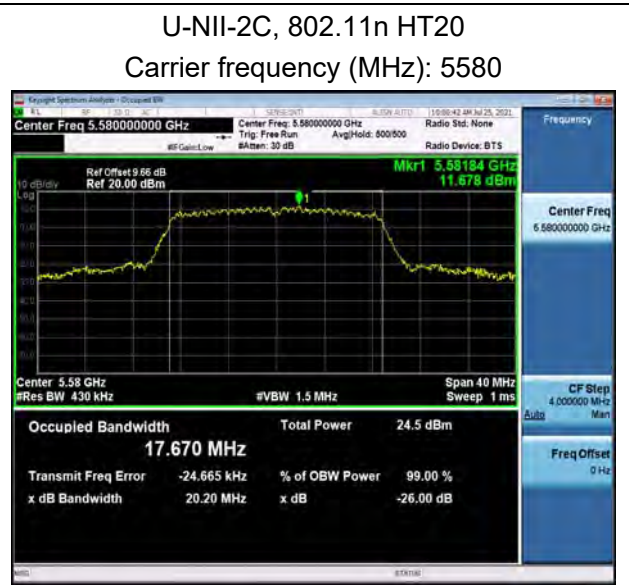
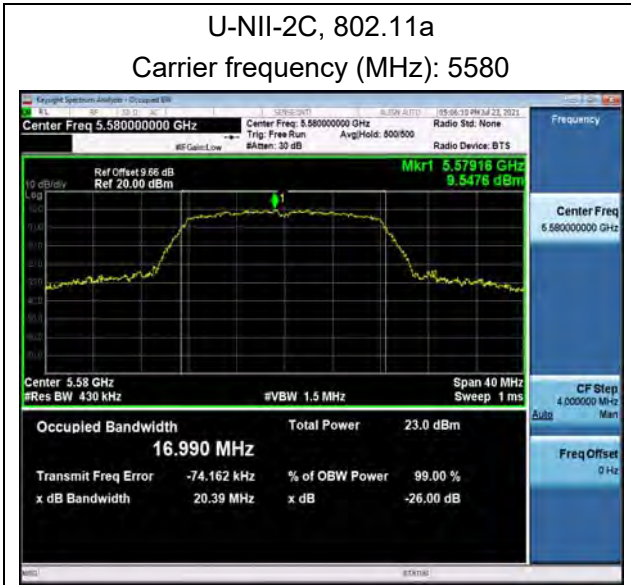
U-NII-2C, 802.11a  
Carrier frequency (MHz): 5500



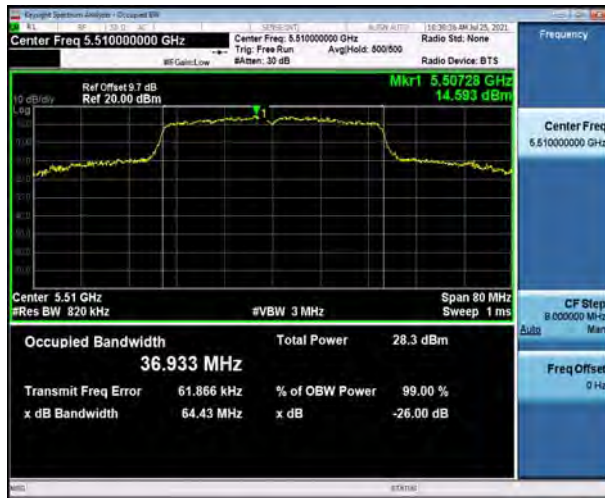
U-NII-2C, 802.11n HT20  
Carrier frequency (MHz): 5500







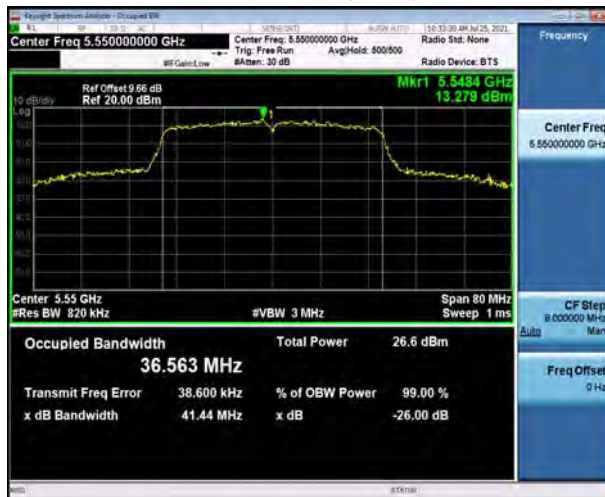
U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5510



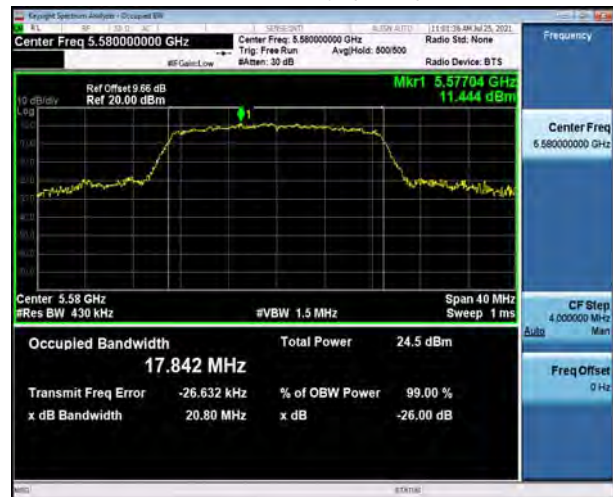
U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5500



U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5550



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5580



U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5670



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5700





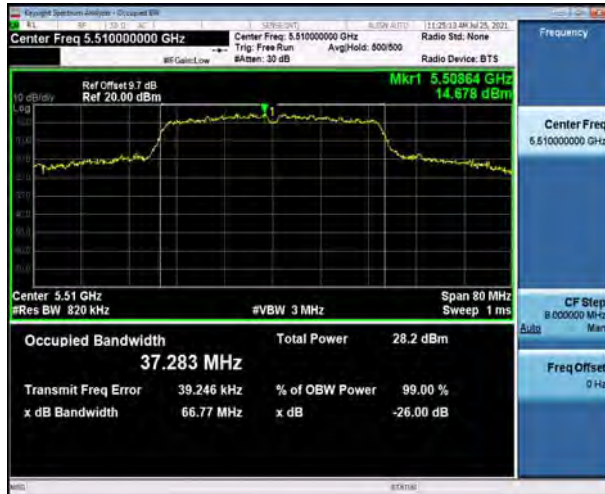
U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5710



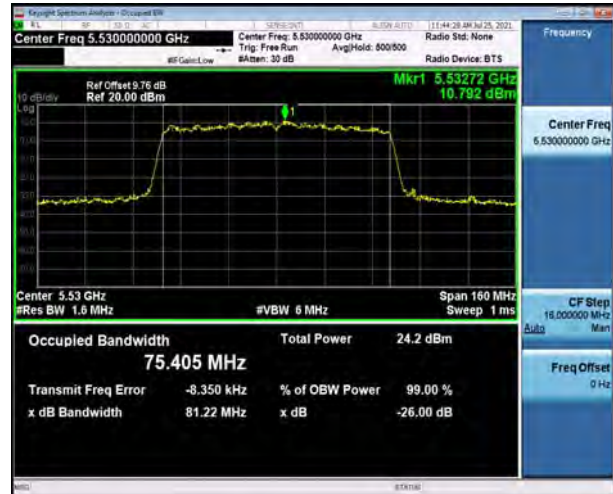
U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5510



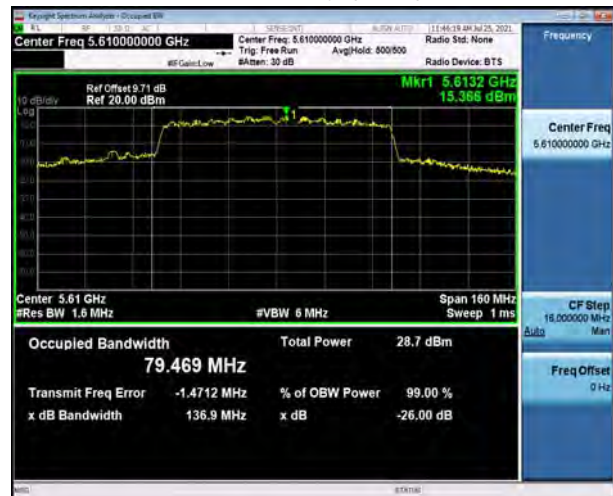
U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5530



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5550

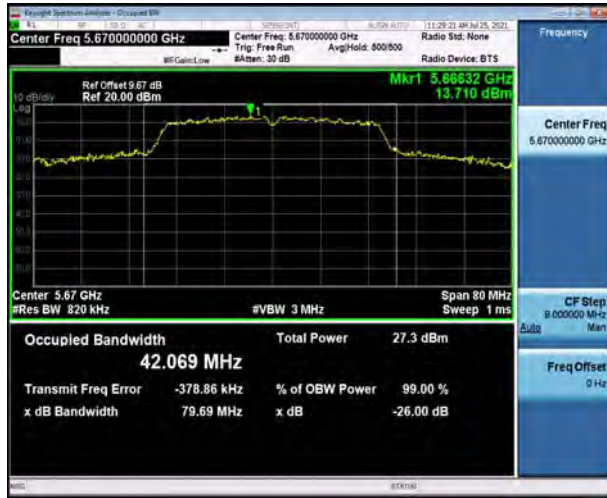


U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5610





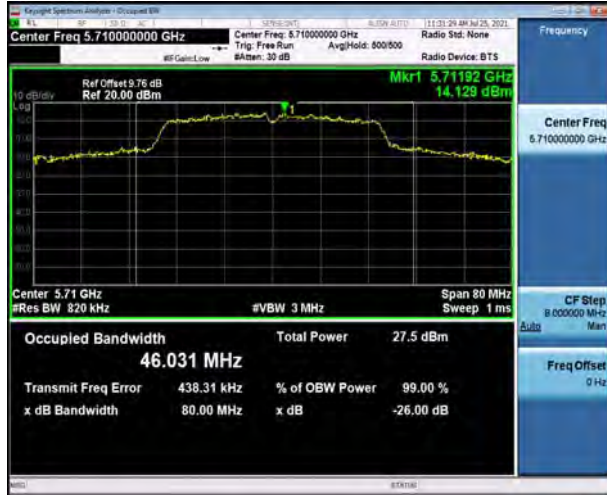
U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5670



U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5690



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5710



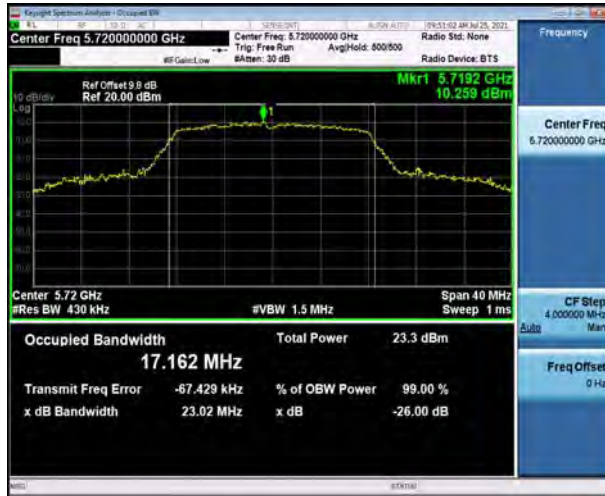
/





99% bandwidth

U-NII-3, 802.11a  
Carrier frequency (MHz):5720



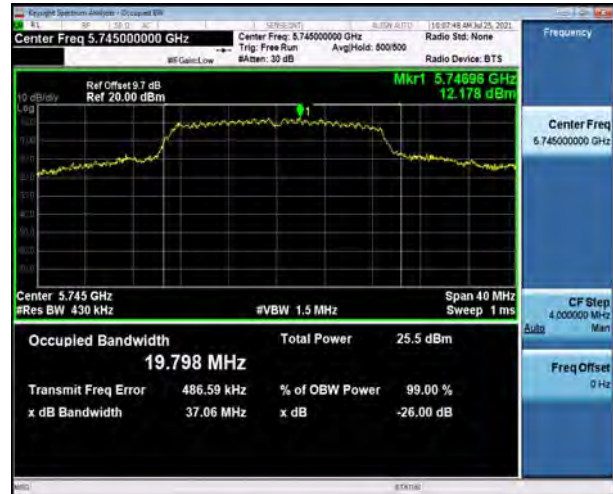
U-NII-3, 802.11n HT20  
Carrier frequency (MHz):5720



U-NII-3, 802.11a  
Carrier frequency (MHz): 5745



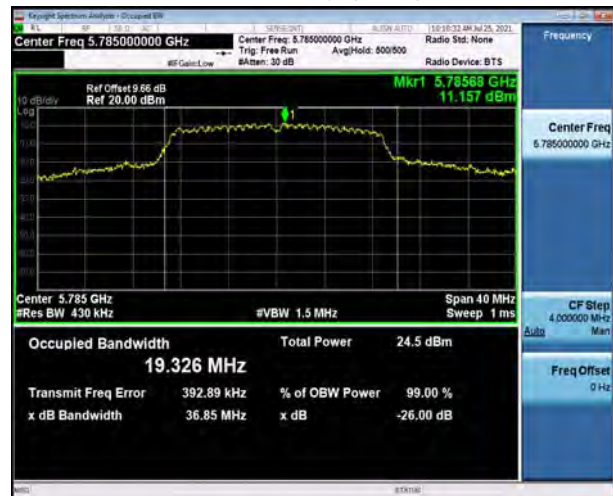
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11a  
Carrier frequency (MHz): 5785

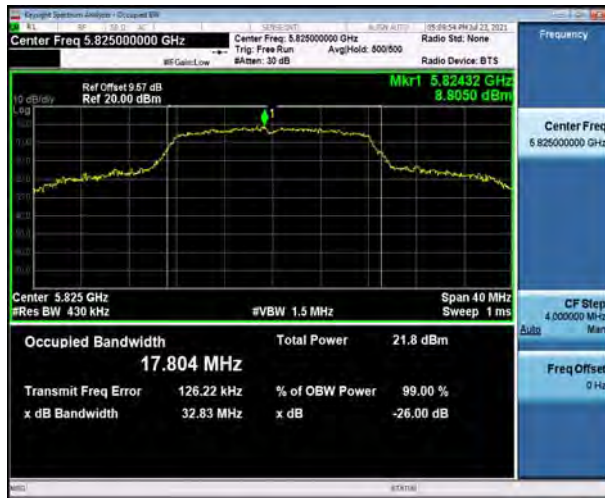


U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785

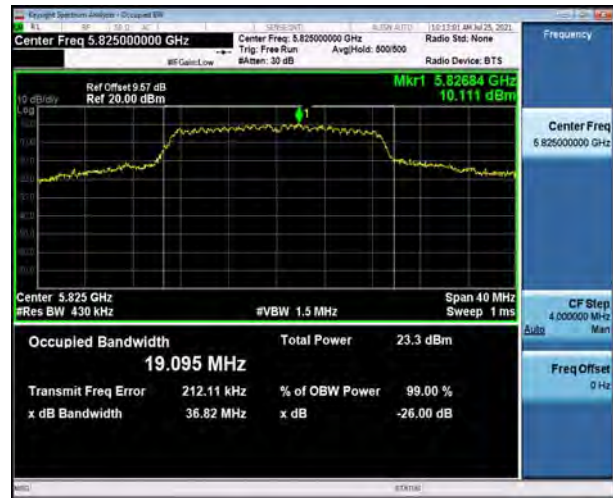




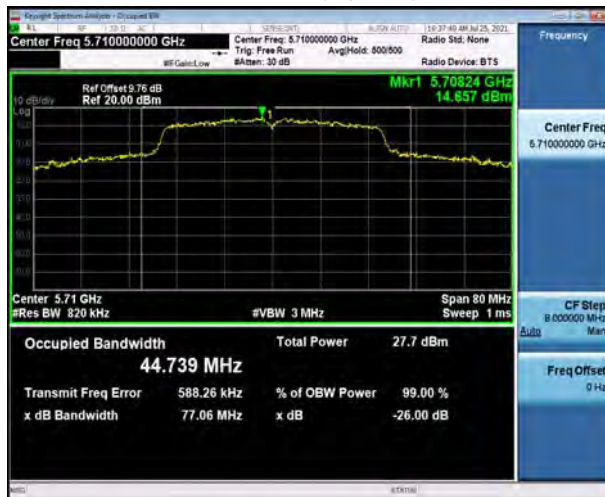
U-NII-3, 802.11a  
Carrier frequency (MHz): 5825



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5745





U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



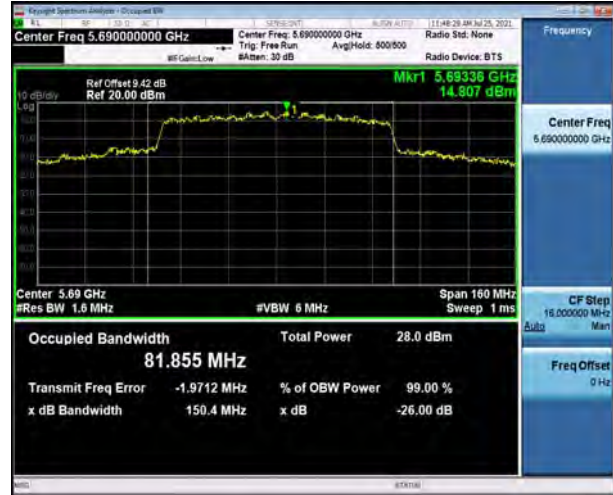
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5785



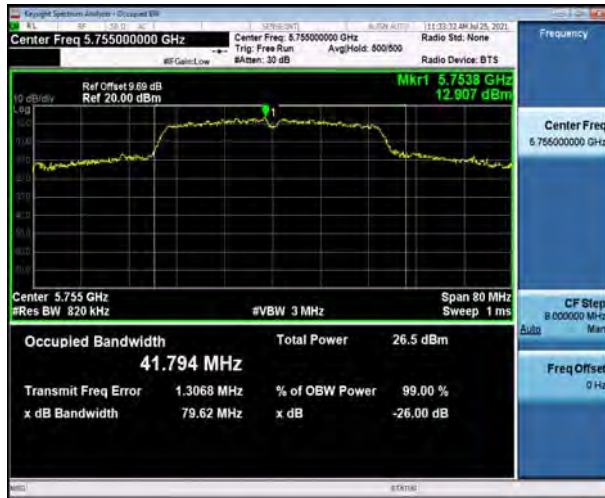
U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5690



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5755

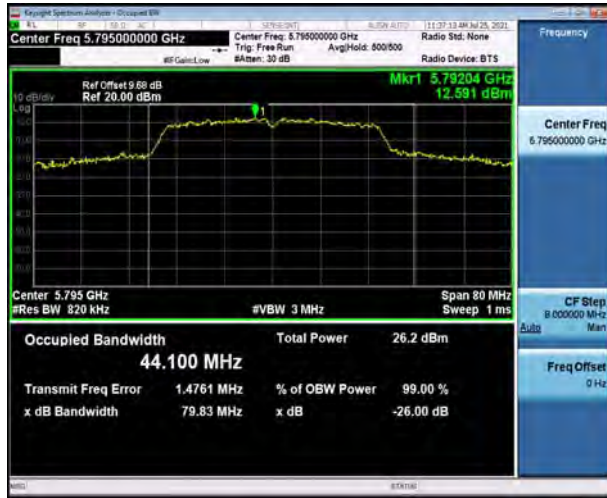


U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5825





U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5775





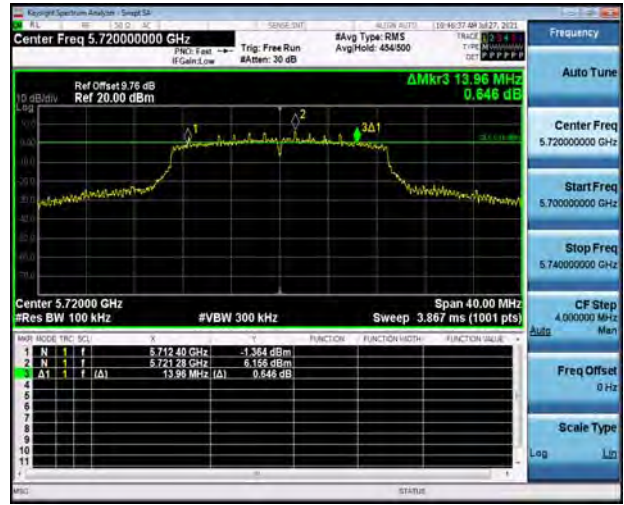


Minimum 6 dB bandwidth

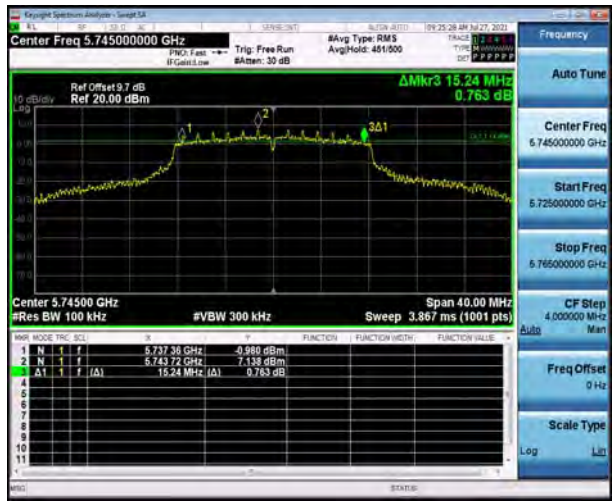
U-NII-3, 802.11a  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11a  
Carrier frequency (MHz): 5745



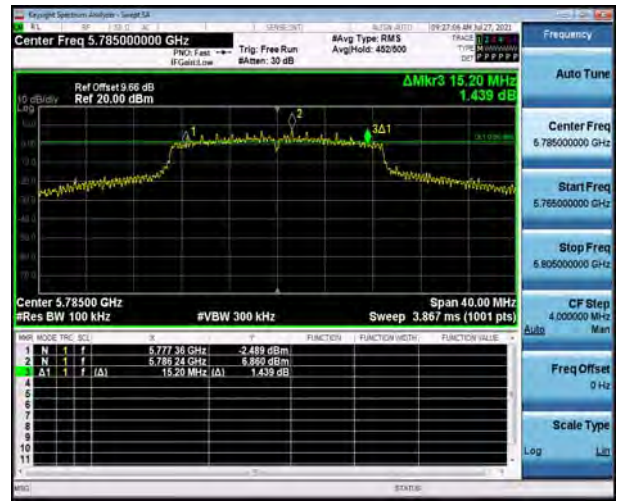
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



U-NII-3, 802.11a  
Carrier frequency (MHz): 5785



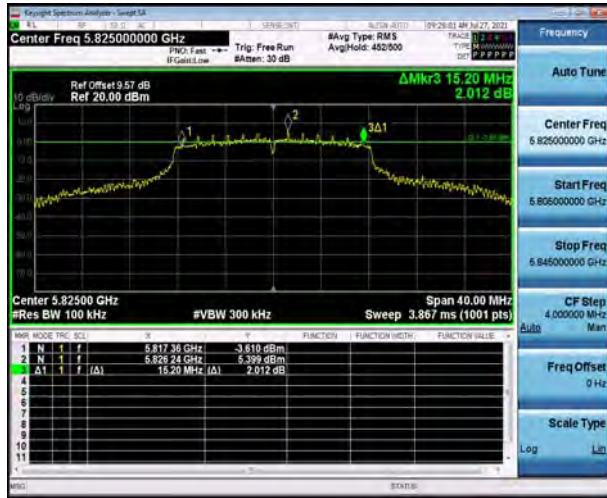
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785



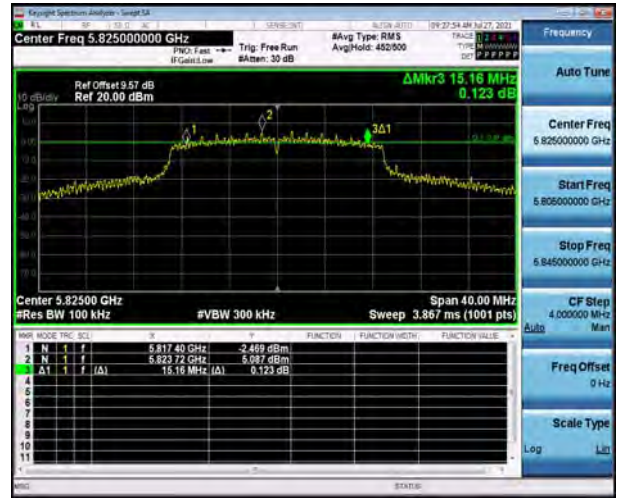




U-NII-3, 802.11a  
Carrier frequency (MHz): 5825



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



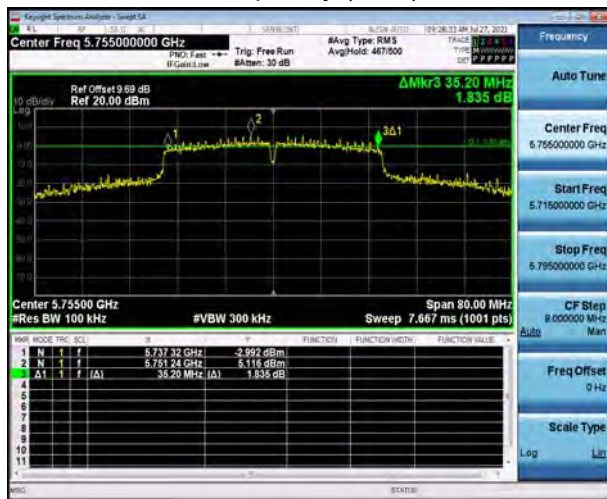
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5710



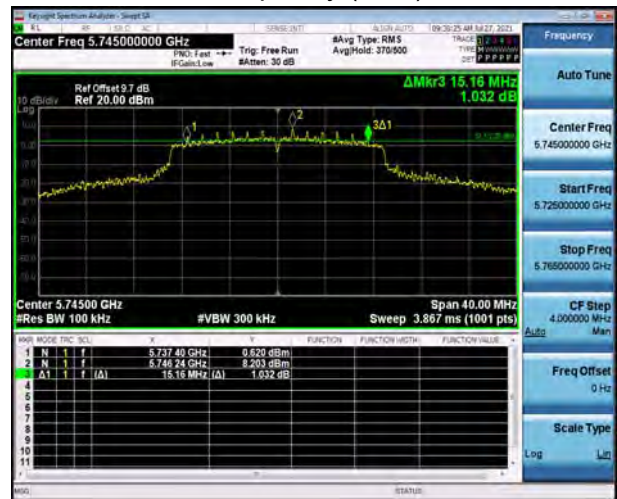
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



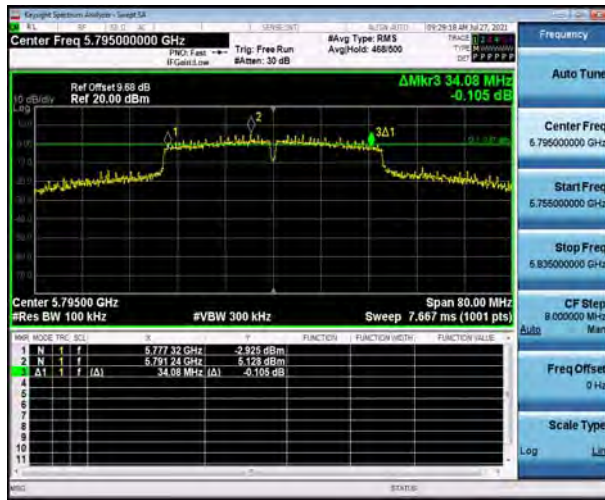
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5745







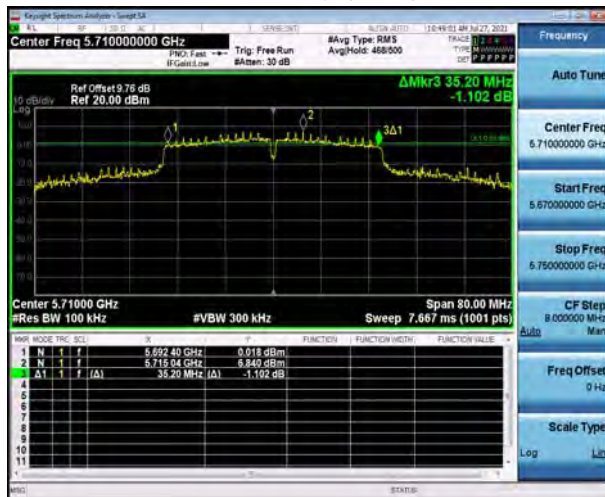
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5785



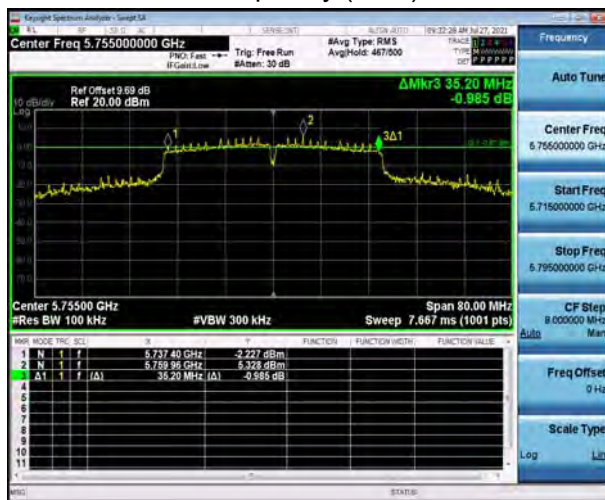
U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5755

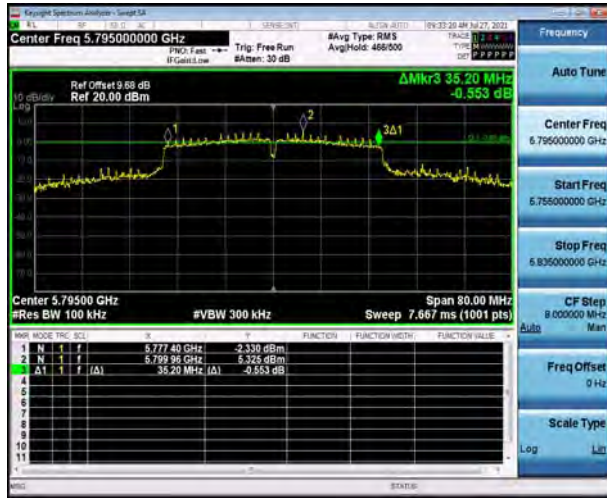


U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5690





U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5775





**With Beamforming****MIMO Antenna 1****U-NII-1**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5180	16.963	20.23	PASS
	5200	16.977	20.35	PASS
	5240	16.962	20.21	PASS
802.11n HT20	5180	17.815	20.56	PASS
	5200	17.857	20.67	PASS
	5240	17.853	20.60	PASS
802.11n HT40	5190	36.088	41.24	PASS
	5230	36.185	41.45	PASS
802.11ac VHT20	5180	17.635	20.32	PASS
	5200	17.682	20.41	PASS
	5240	17.657	20.43	PASS
802.11ac VHT40	5190	36.291	40.66	PASS
	5230	36.294	40.85	PASS
802.11ac VHT80	5210	75.493	81.73	PASS

**U-NII-2A**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5260	16.978	20.34	PASS
	5300	16.988	20.23	PASS
	5320	16.942	20.27	PASS
802.11n HT20	5260	17.844	20.72	PASS
	5300	17.829	20.70	PASS
	5320	17.841	20.54	PASS
802.11n HT40	5270	36.154	41.16	PASS
	5310	36.087	41.25	PASS
802.11ac VHT20	5260	17.653	20.40	PASS
	5300	17.669	20.44	PASS
	5320	17.655	20.48	PASS
802.11ac VHT40	5270	36.291	40.67	PASS
	5310	36.272	40.57	PASS
802.11ac VHT80	5290	75.479	81.81	PASS



## U-NII-2C

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5500	17.002	20.54	PASS
	5580	16.985	20.41	PASS
	5700	17.083	20.52	PASS
	5720	17.107	21.10	PASS
802.11n HT20	5500	17.933	20.77	PASS
	5580	17.954	20.95	PASS
	5700	18.075	25.99	PASS
	5720	18.133	26.49	PASS
802.11n HT40	5510	36.507	55.77	PASS
	5550	36.733	60.02	PASS
	5670	47.487	79.40	PASS
	5710	46.386	78.76	PASS
802.11ac VHT20	5500	17.692	20.67	PASS
	5580	17.755	20.74	PASS
	5700	17.842	25.70	PASS
	5720	17.922	26.07	PASS
802.11ac VHT40	5510	36.629	47.38	PASS
	5550	36.808	55.90	PASS
	5670	47.675	79.87	PASS
	5710	46.662	80.00	PASS
802.11ac VHT80	5530	75.397	81.63	PASS
	5610	87.848	141.70	PASS
	5690	92.556	159.70	PASS



## U-NII-3

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11a	5720	17.107	15.200	500	PASS
	5745	17.368	15.200	500	PASS
	5785	17.836	15.200	500	PASS
	5825	17.177	15.200	500	PASS
802.11n HT20	5720	18.133	15.200	500	PASS
	5745	19.243	15.200	500	PASS
	5785	18.651	15.040	500	PASS
	5825	18.260	16.040	500	PASS
802.11n HT40	5710	46.386	35.200	500	PASS
	5755	39.657	35.120	500	PASS
	5795	40.624	35.200	500	PASS
802.11ac VHT20	5720	17.922	15.160	500	PASS
	5745	18.864	15.160	500	PASS
	5785	18.271	15.160	500	PASS
	5825	18.052	15.200	500	PASS
802.11ac VHT40	5710	46.662	35.200	500	PASS
	5755	39.135	35.200	500	PASS
	5795	39.923	35.200	500	PASS
802.11ac VHT80	5690	87.848	74.240	500	PASS
	5775	77.505	75.520	500	PASS



**MIMO Antenna 2****U-NII-1**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5180	16.927	20.30	PASS
	5200	16.970	20.36	PASS
	5240	16.960	20.40	PASS
802.11n HT20	5180	17.607	20.09	PASS
	5200	17.642	20.32	PASS
	5240	17.640	20.16	PASS
802.11n HT40	5190	36.316	40.61	PASS
	5230	36.349	40.83	PASS
802.11ac VHT20	5180	17.762	20.37	PASS
	5200	17.818	20.64	PASS
	5240	17.768	20.57	PASS
802.11ac VHT40	5190	36.385	40.85	PASS
	5230	36.424	40.99	PASS
802.11ac VHT80	5210	75.369	81.33	PASS

**U-NII-2A**

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5260	16.959	20.39	PASS
	5300	16.979	20.18	PASS
	5320	16.974	20.20	PASS
802.11n HT20	5260	17.628	20.15	PASS
	5300	17.634	20.29	PASS
	5320	17.637	20.26	PASS
802.11n HT40	5270	36.336	40.78	PASS
	5310	36.307	40.74	PASS
802.11ac VHT20	5260	17.765	20.54	PASS
	5300	17.742	20.56	PASS
	5320	17.757	20.50	PASS
802.11ac VHT40	5270	36.344	41.13	PASS
	5310	36.331	41.08	PASS
802.11ac VHT80	5290	75.402	81.45	PASS



## U-NII-2C

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5500	17.072	20.52	PASS
	5600	16.999	20.40	PASS
	5700	17.062	23.21	PASS
	5720	17.168	21.28	PASS
802.11n HT20	5500	17.704	20.41	PASS
	5580	17.677	20.22	PASS
	5700	17.798	23.99	PASS
	5720	17.937	26.53	PASS
802.11n HT40	5510	36.564	41.97	PASS
	5550	36.493	41.22	PASS
	5670	38.948	74.80	PASS
	5710	42.481	78.70	PASS
802.11ac VHT20	5500	17.889	20.84	PASS
	5580	17.837	20.60	PASS
	5700	18.018	26.09	PASS
	5720	18.128	26.94	PASS
802.11ac VHT40	5510	36.779	47.95	PASS
	5550	36.727	49.53	PASS
	5670	40.540	79.68	PASS
	5710	44.253	79.83	PASS
802.11ac VHT80	5530	75.344	81.23	PASS
	5610	77.774	136.0	PASS
	5690	80.894	152.1	PASS



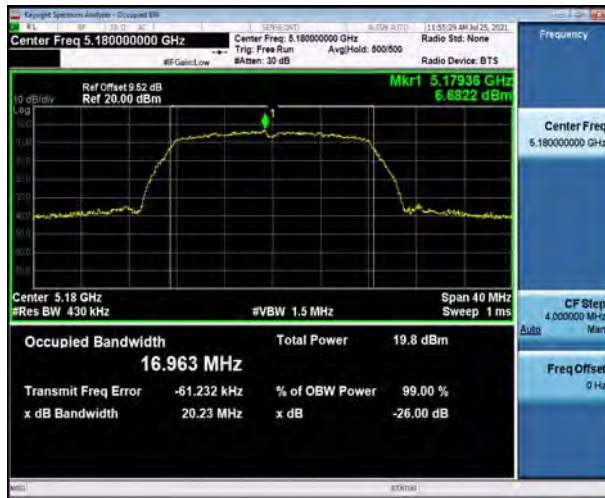
## U-NII-3

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11a	5720	17.168	15.160	500	PASS
	5745	17.727	15.160	500	PASS
	5785	19.536	15.120	500	PASS
	5825	17.794	13.920	500	PASS
802.11n HT20	5720	17.937	15.200	500	PASS
	5745	19.415	15.760	500	PASS
	5785	19.082	16.160	500	PASS
	5825	18.705	15.160	500	PASS
802.11n HT40	5710	42.481	35.280	500	PASS
	5755	39.022	35.200	500	PASS
	5795	42.110	35.200	500	PASS
802.11ac VHT20	5720	18.128	16.520	500	PASS
	5745	19.798	15.120	500	PASS
	5785	19.372	15.120	500	PASS
	5825	19.072	15.200	500	PASS
802.11ac VHT40	5710	44.253	35.200	500	PASS
	5755	40.484	35.200	500	PASS
	5795	43.400	35.200	500	PASS
802.11ac VHT80	5690	80.894	72.960	500	PASS
	5775	85.634	75.360	500	PASS

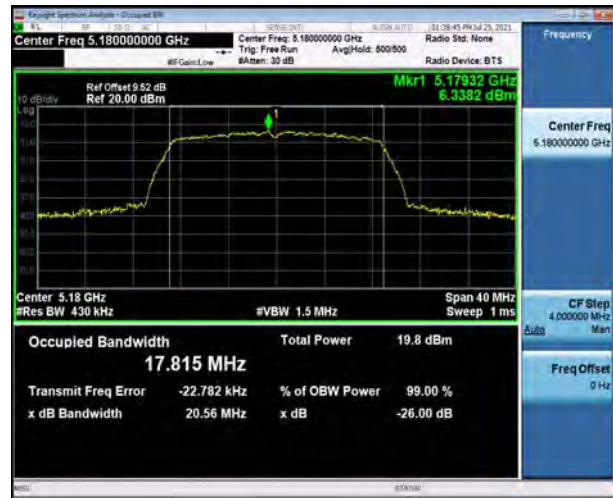


MIMO Antenna 1

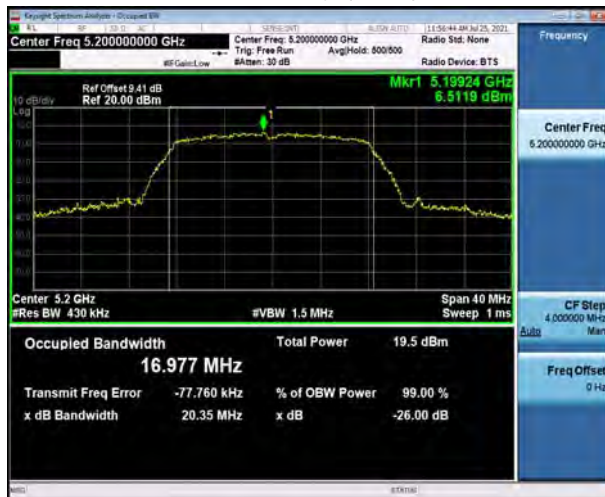
U-NII-1, 802.11a  
Carrier frequency (MHz): 5180



U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5180



U-NII-1, 802.11a  
Carrier frequency (MHz): 5200



U-NII-1, 802.11n HT20  
Carrier frequency (MHz): 5200



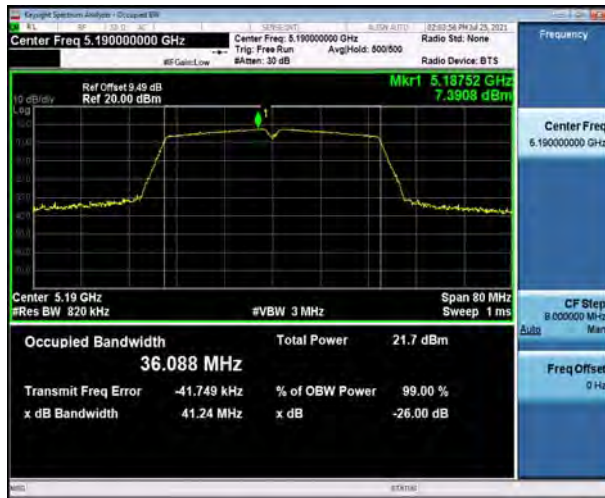
U-NII-1, 802.11a  
Carrier frequency (MHz):5240



U-NII-1, 802.11n HT20  
Carrier frequency (MHz):5240



U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5190



U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5180



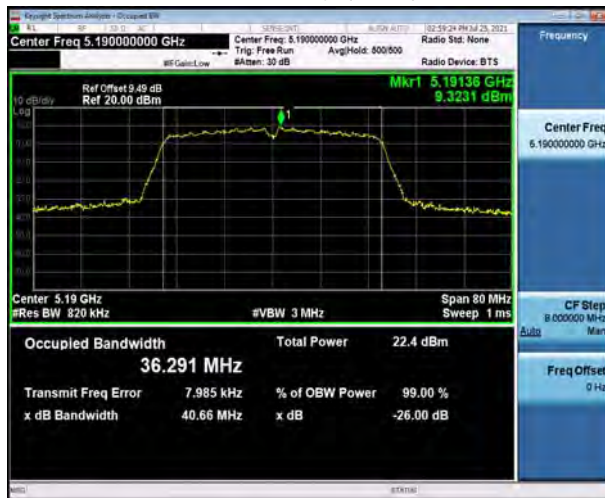
U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5200



U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5190



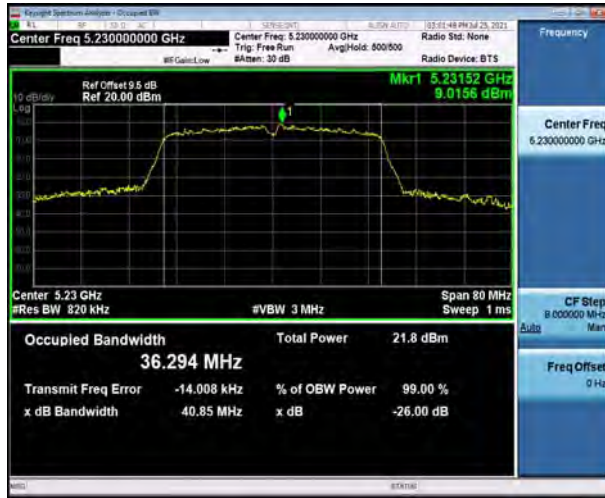
U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5240







U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac VHT80  
Carrier frequency (MHz): 5210



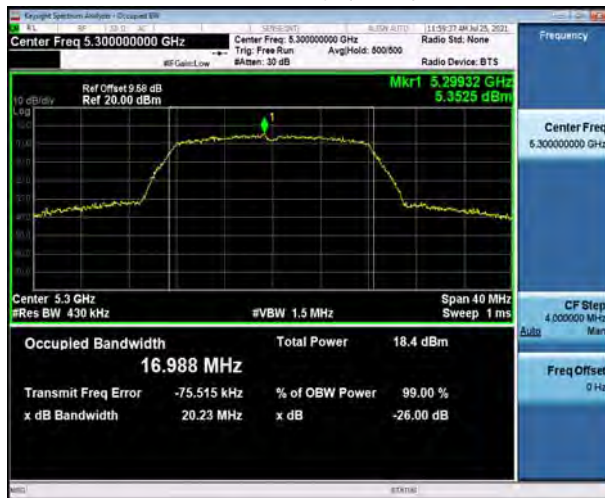
U-NII-2A, 802.11a  
Carrier frequency (MHz): 5260



U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5260



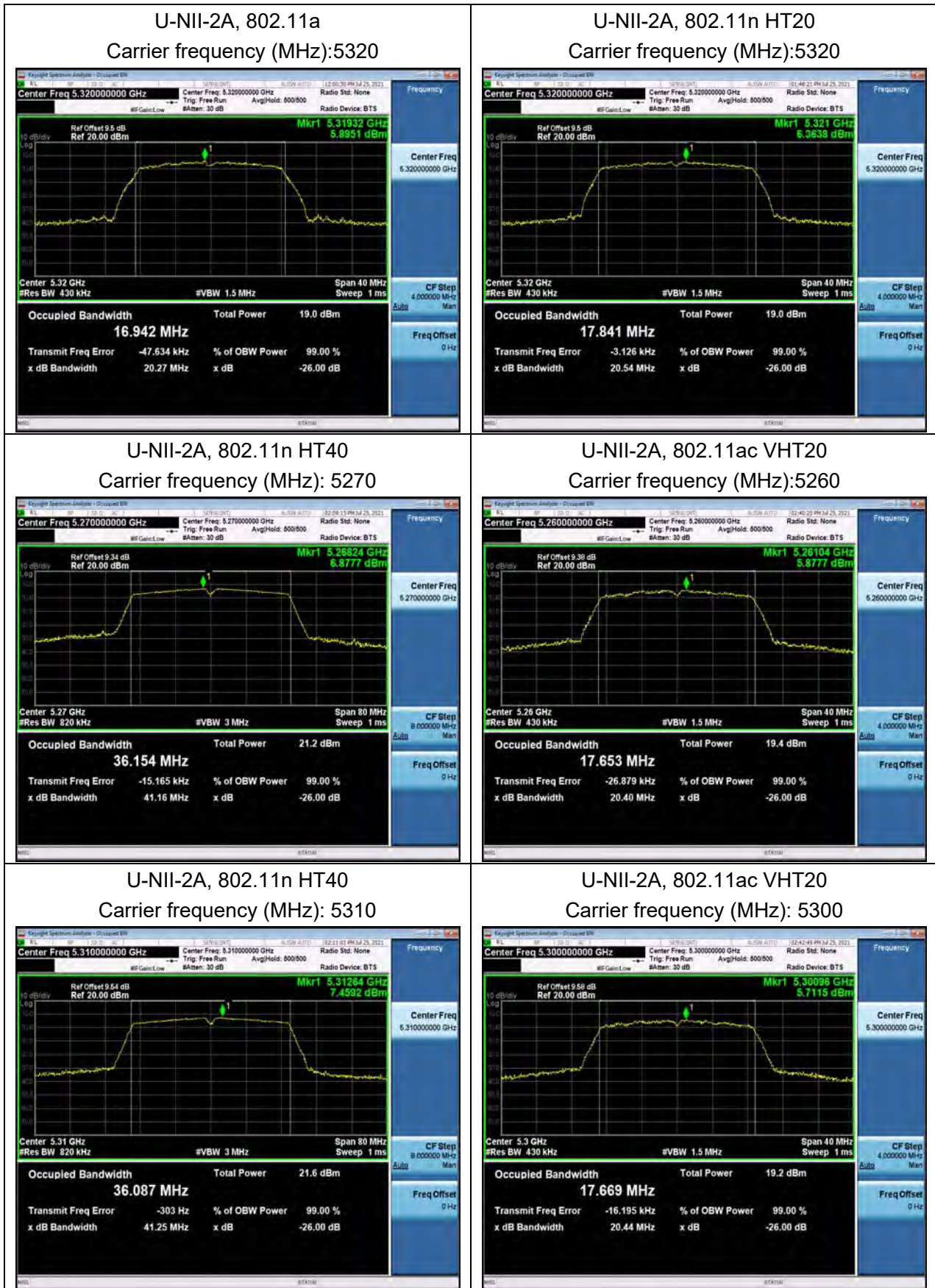
U-NII-2A, 802.11a  
Carrier frequency (MHz): 5300



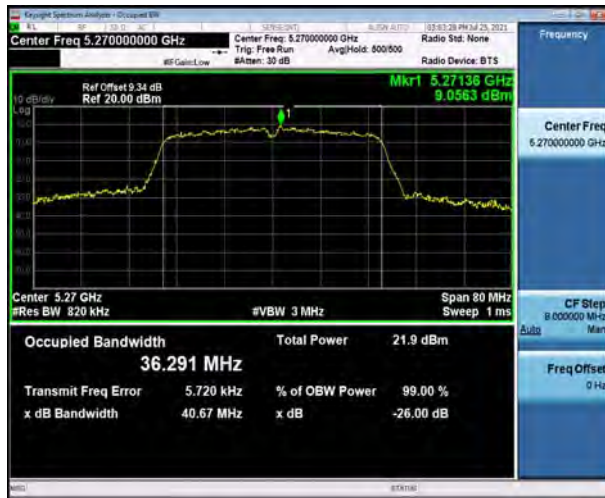
U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5300







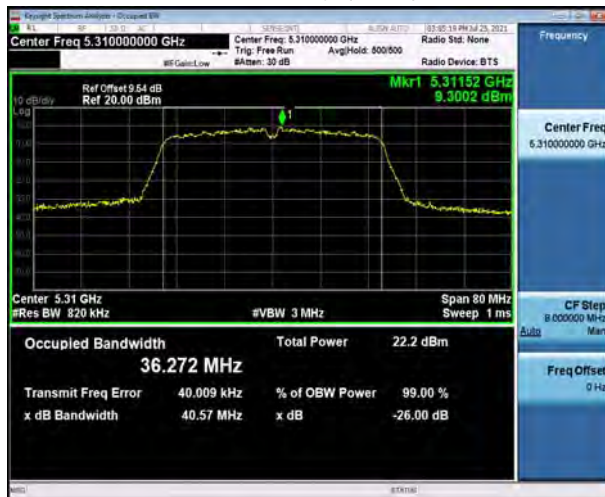
U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5270



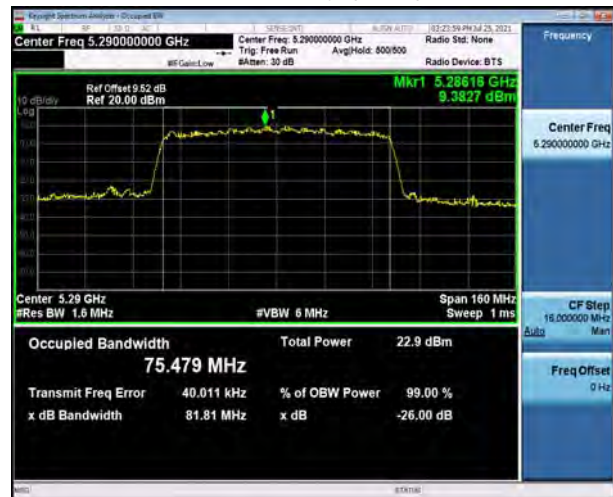
U-NII-2A, 802.11ac VHT20  
Carrier frequency (MHz): 5320



U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5310



U-NII-2A, 802.11ac VHT80  
Carrier frequency (MHz): 5290



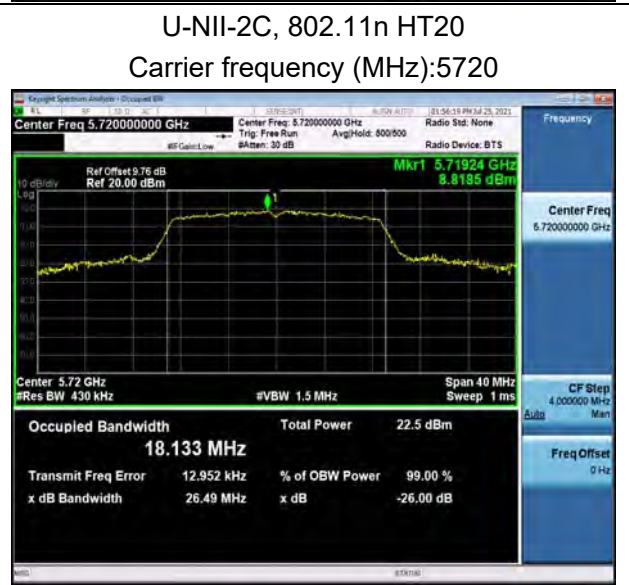
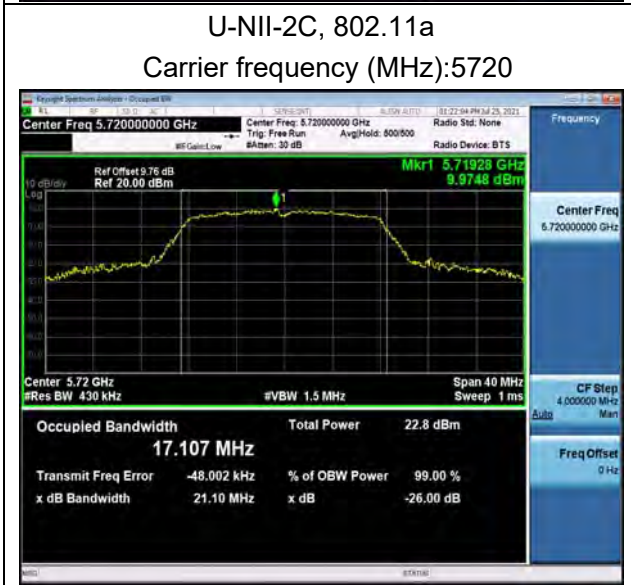
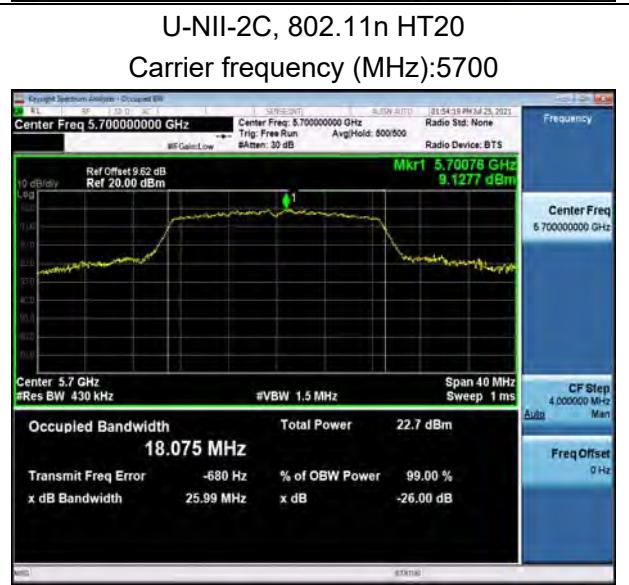
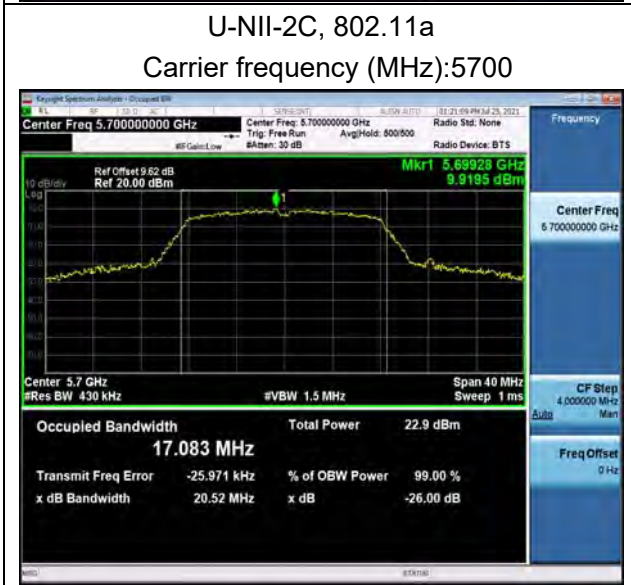
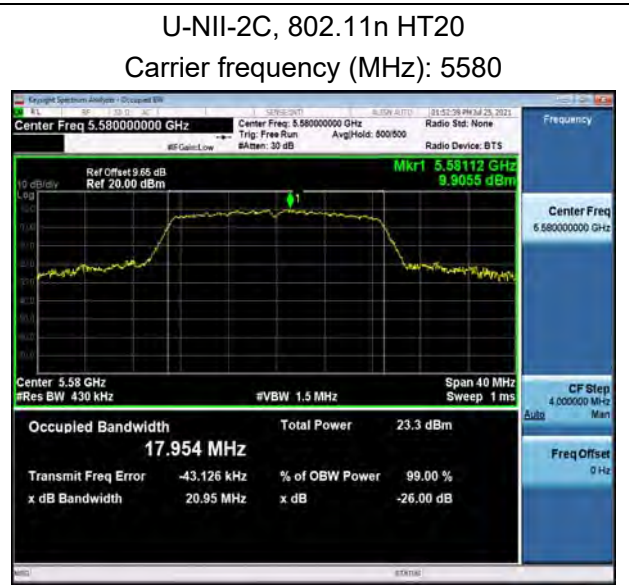
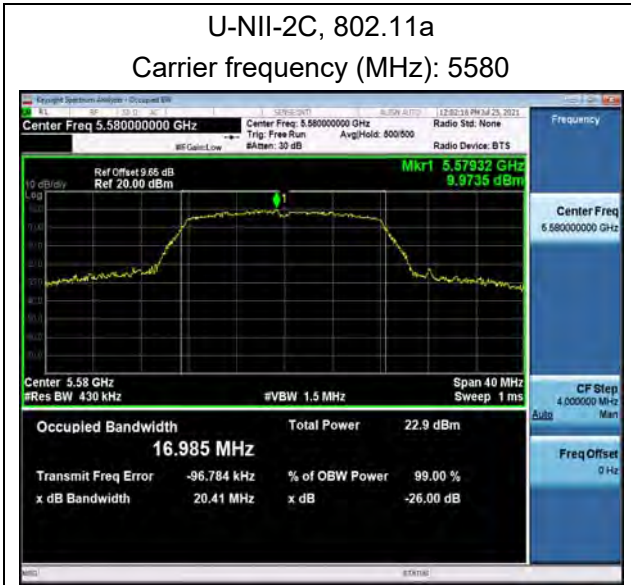
U-NII-2C, 802.11a  
Carrier frequency (MHz): 5500



U-NII-2C, 802.11n HT20  
Carrier frequency (MHz): 5500







U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5510



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5500



U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5550



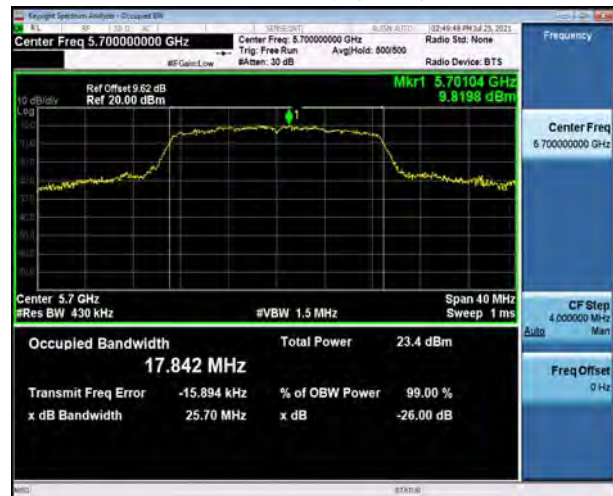
U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5580



U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5670



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5700





U-NII-2C, 802.11n HT40  
Carrier frequency (MHz): 5710



U-NII-2C, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5510



U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5530



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5550



U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5610



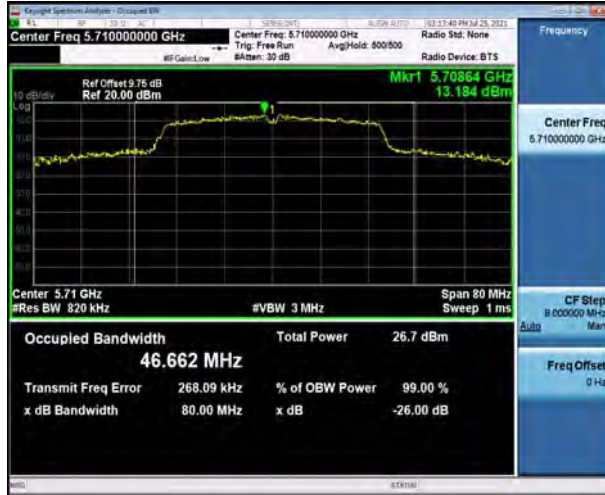
U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5670



U-NII-2C, 802.11ac VHT80  
Carrier frequency (MHz): 5690



U-NII-2C, 802.11ac VHT40  
Carrier frequency (MHz): 5710







99% bandwidth

U-NII-3, 802.11a  
Carrier frequency (MHz):5720



U-NII-3, 802.11n HT20  
Carrier frequency (MHz):5720



U-NII-3, 802.11a  
Carrier frequency (MHz): 5745



U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5745



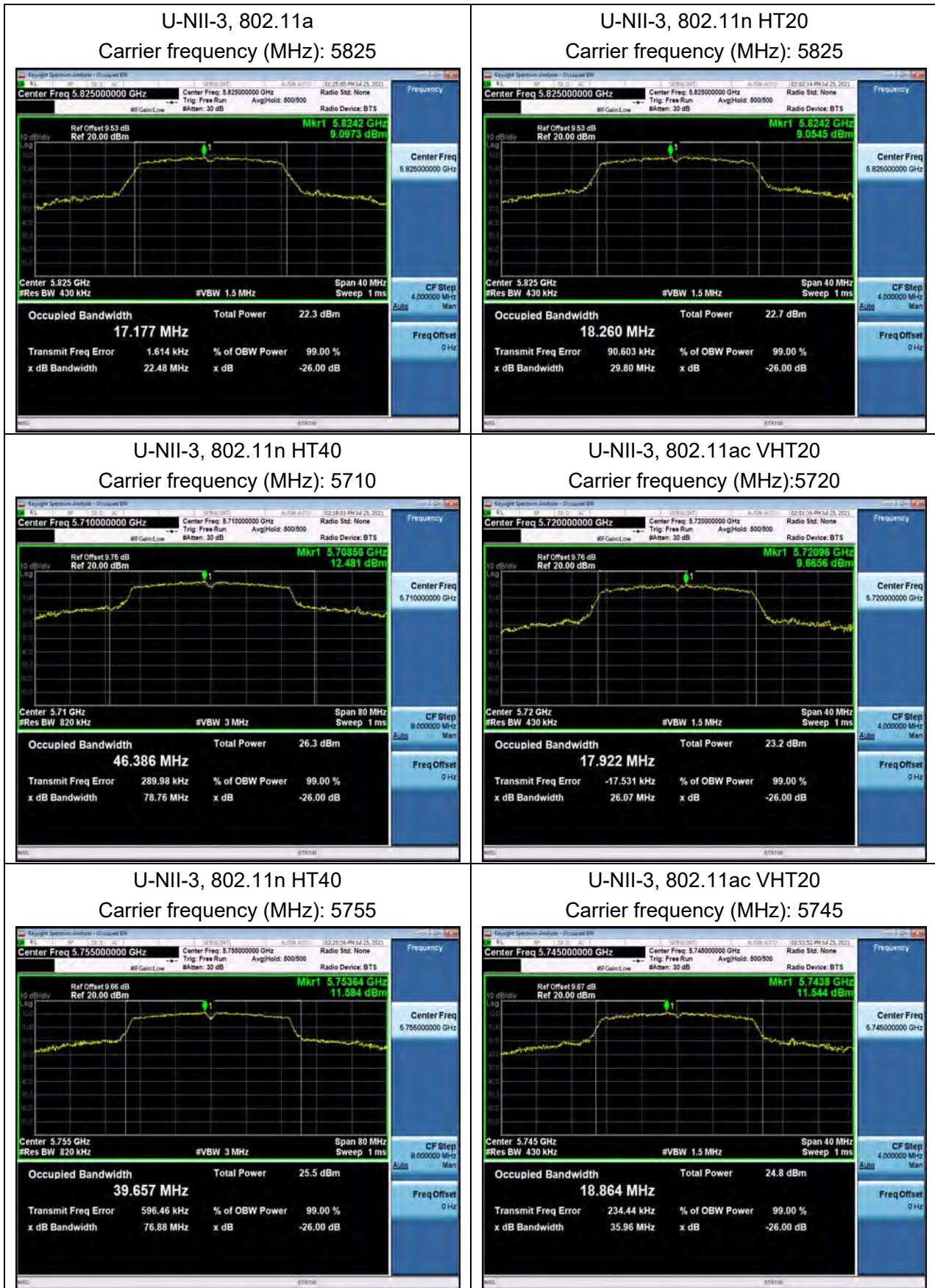
U-NII-3, 802.11a  
Carrier frequency (MHz): 5785



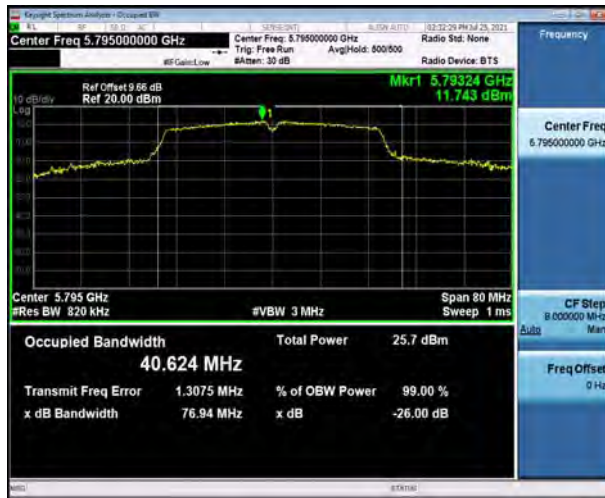
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5785



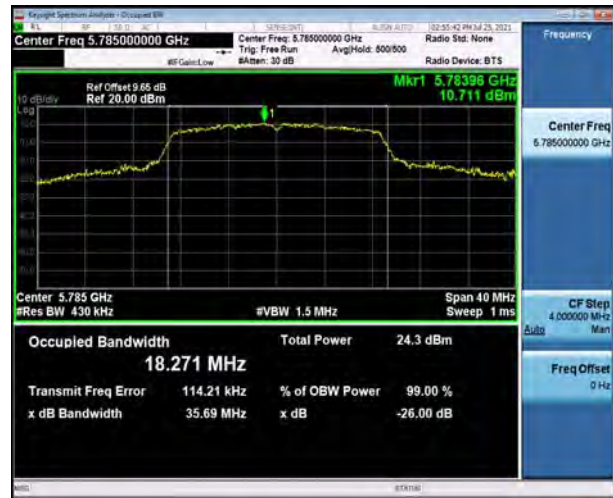




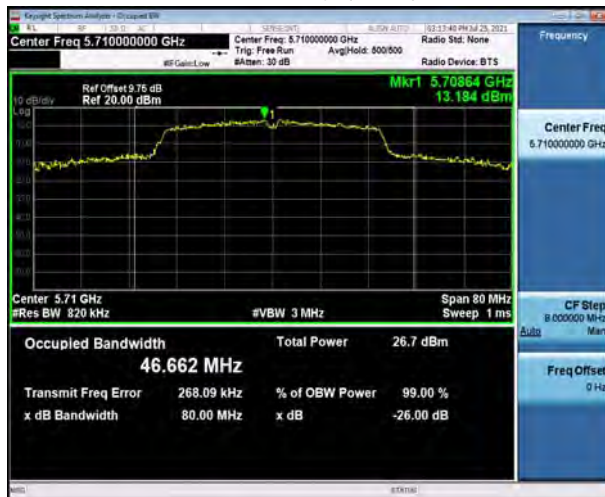
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



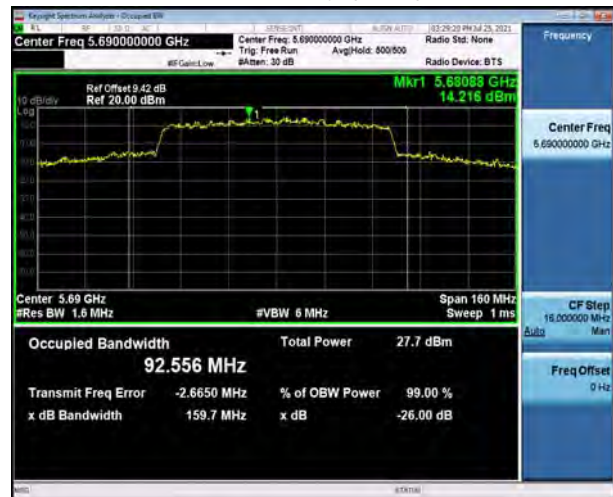
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5785



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5690



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5755



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5825







U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5775







Minimum 6 dB bandwidth

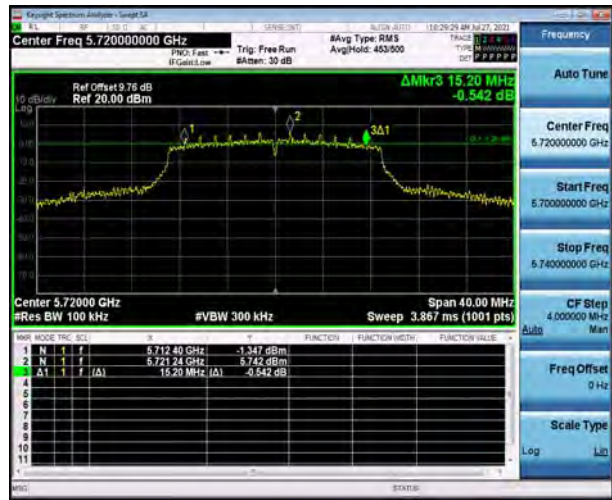
U-NII-3, 802.11a

Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT20

Carrier frequency (MHz): 5720



U-NII-3, 802.11a

Carrier frequency (MHz): 5745



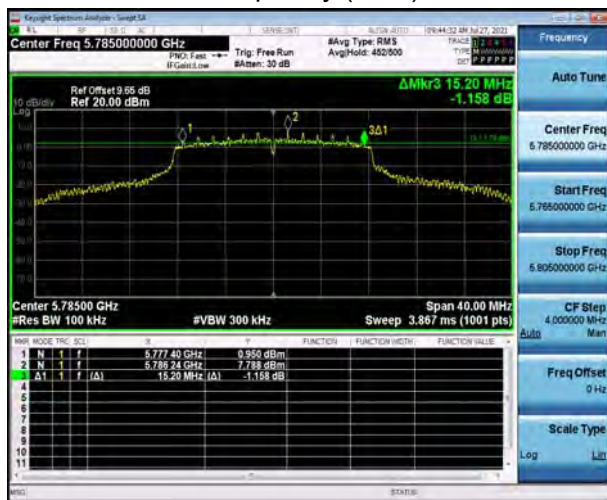
U-NII-3, 802.11n HT20

Carrier frequency (MHz): 5745



U-NII-3, 802.11a

Carrier frequency (MHz): 5785



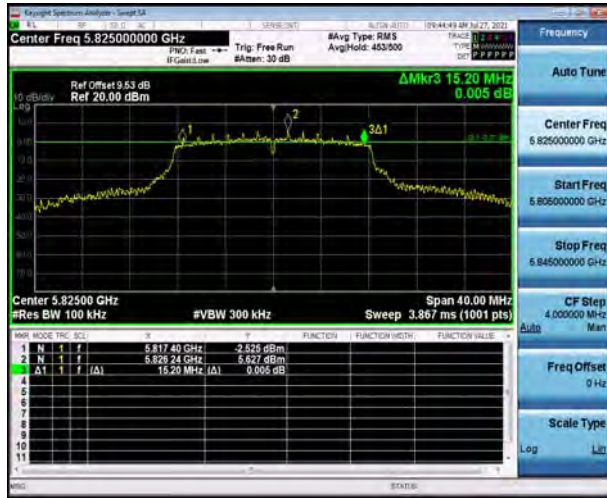
U-NII-3, 802.11n HT20

Carrier frequency (MHz): 5785

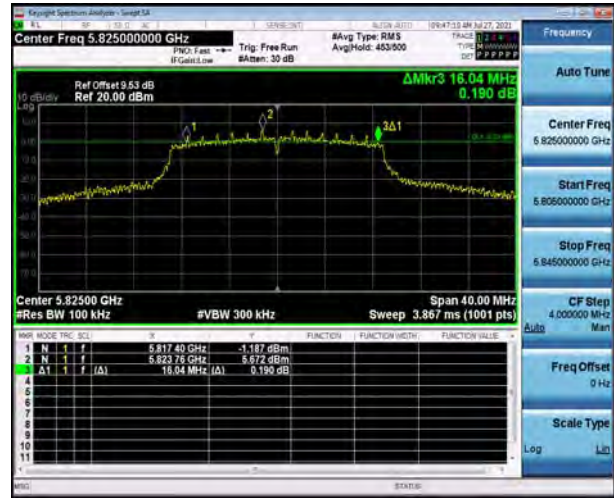




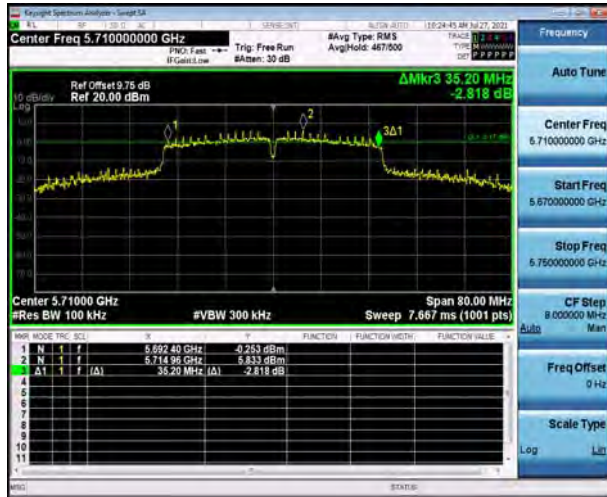
U-NII-3, 802.11a  
Carrier frequency (MHz): 5825



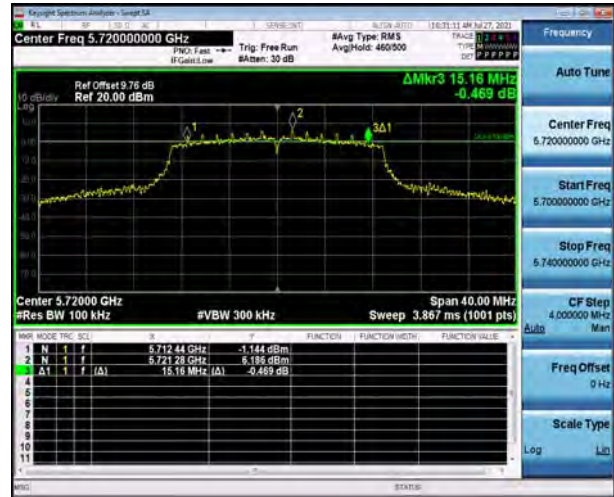
U-NII-3, 802.11n HT20  
Carrier frequency (MHz): 5825



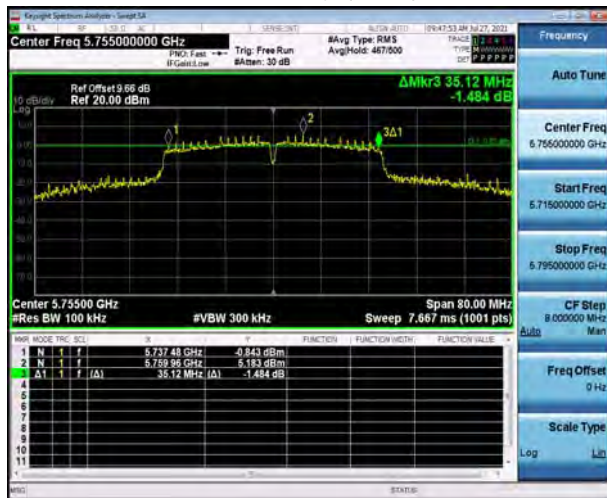
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5710



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5720



U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5755



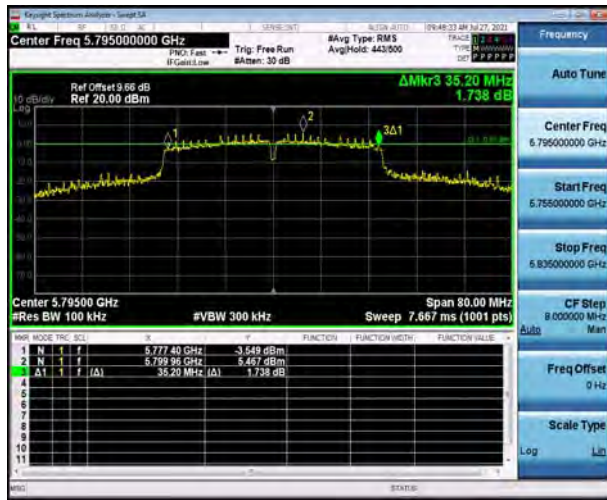
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5745







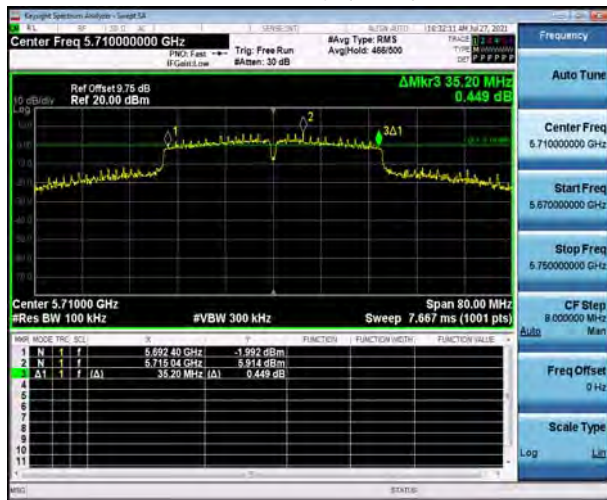
U-NII-3, 802.11n HT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5785



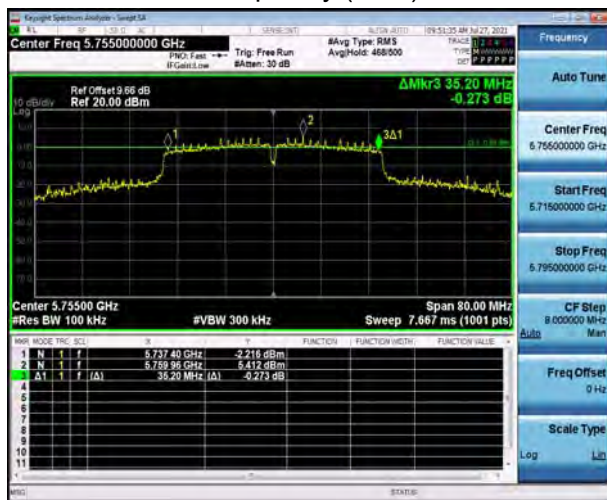
U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5710



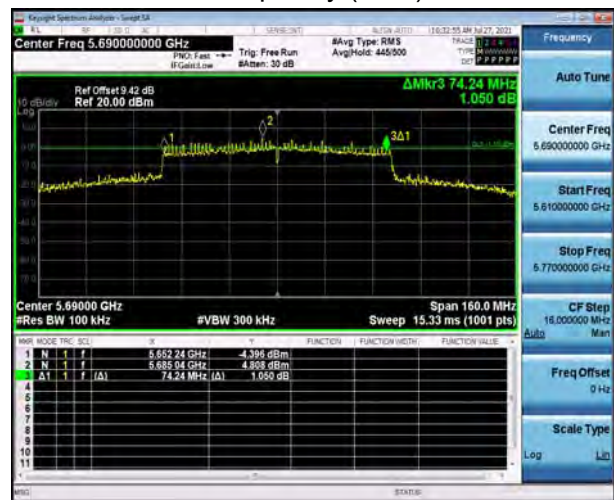
U-NII-3, 802.11ac VHT20  
Carrier frequency (MHz): 5825



U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5755



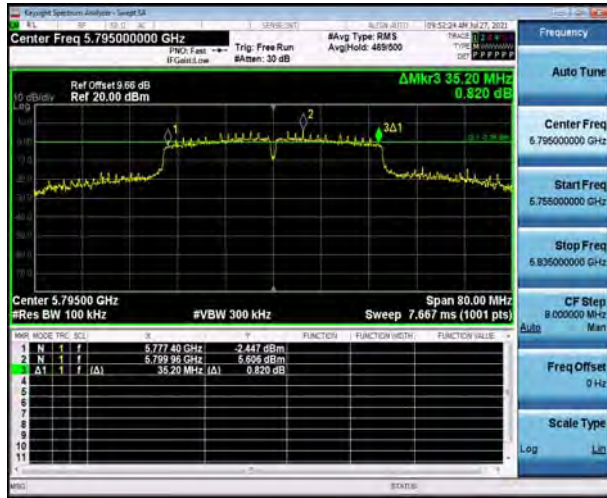
U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5690



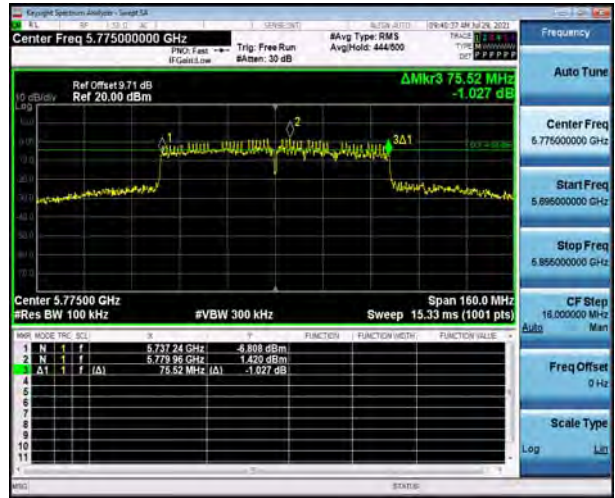




U-NII-3, 802.11ac VHT40  
Carrier frequency (MHz): 5795



U-NII-3, 802.11ac VHT80  
Carrier frequency (MHz): 5775

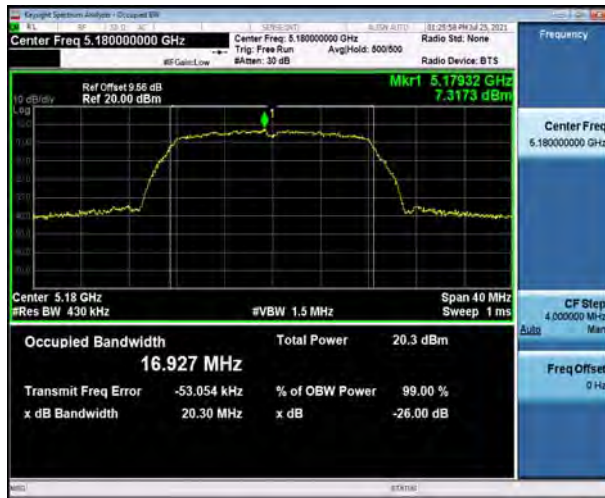




MIMO Antenna 2

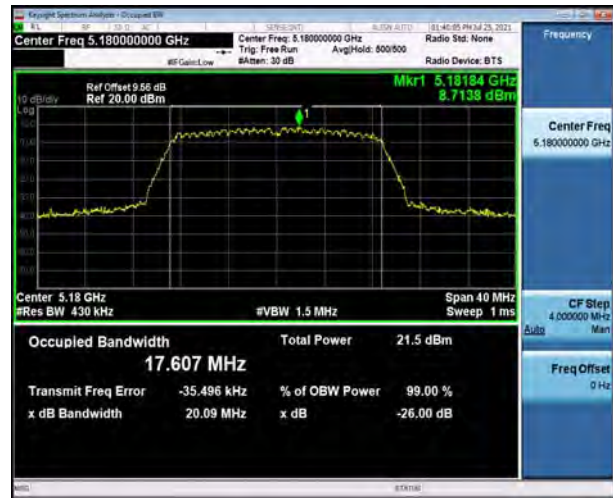
U-NII-1, 802.11a

Carrier frequency (MHz): 5180



U-NII-1, 802.11n HT20

Carrier frequency (MHz): 5180



U-NII-1, 802.11a

Carrier frequency (MHz): 5200



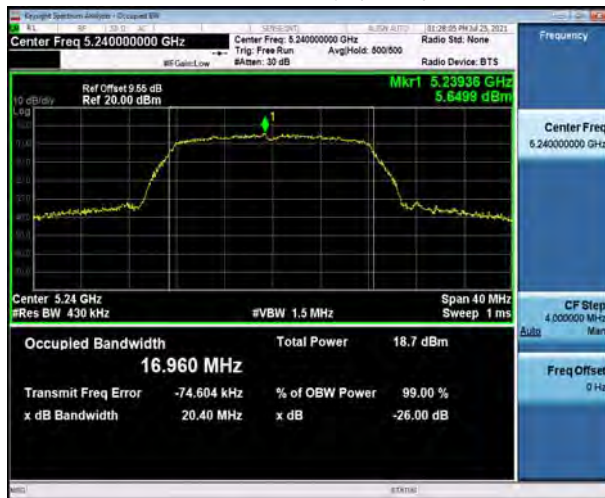
U-NII-1, 802.11n HT20

Carrier frequency (MHz): 5200



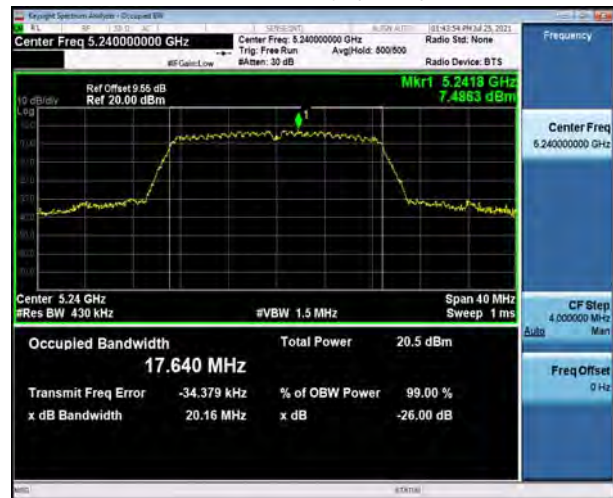
U-NII-1, 802.11a

Carrier frequency (MHz): 5240



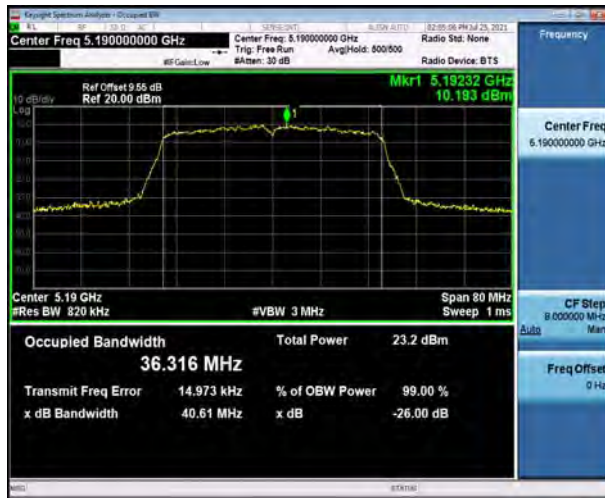
U-NII-1, 802.11n HT20

Carrier frequency (MHz): 5240

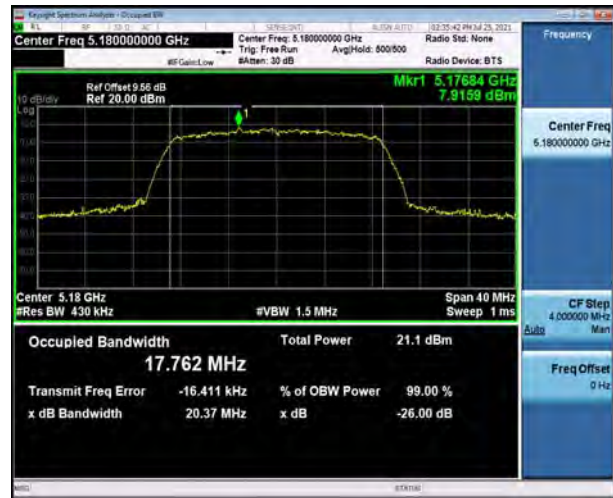




U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5190



U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5180



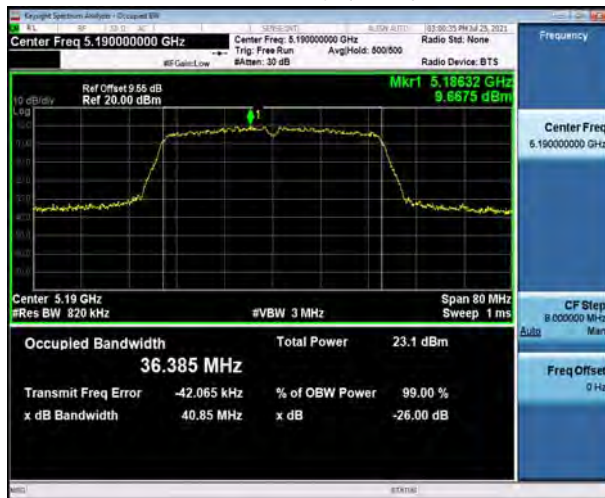
U-NII-1, 802.11n HT40  
Carrier frequency (MHz): 5230



U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5200



U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5190

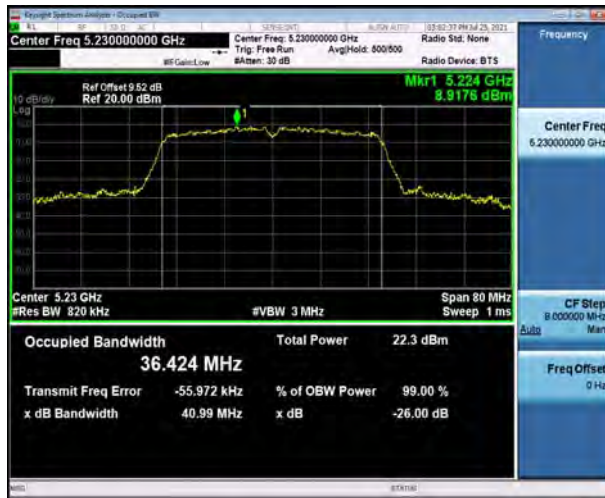


U-NII-1, 802.11ac VHT20  
Carrier frequency (MHz): 5240

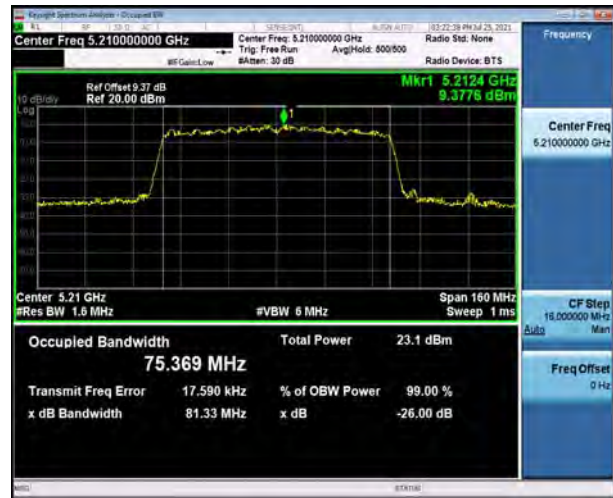




U-NII-1, 802.11ac VHT40  
Carrier frequency (MHz): 5230



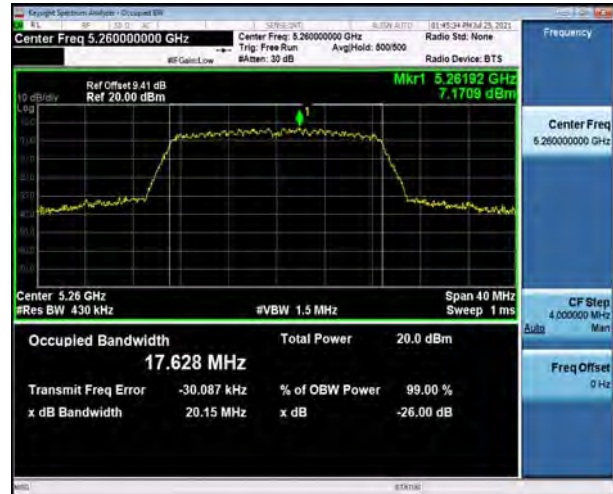
U-NII-1, 802.11ac VHT80  
Carrier frequency (MHz): 5210



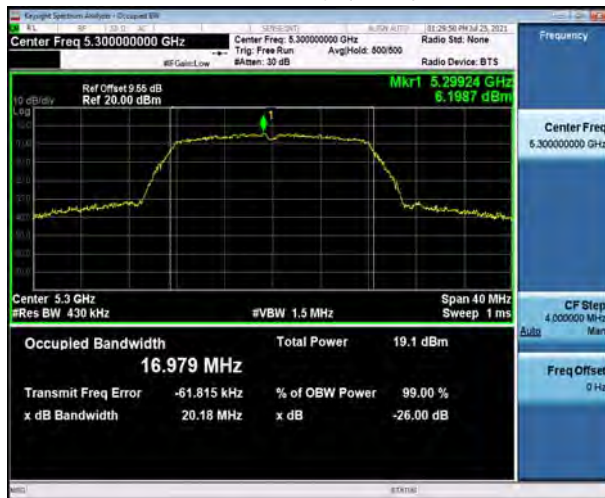
U-NII-2A, 802.11a  
Carrier frequency (MHz): 5260



U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5260

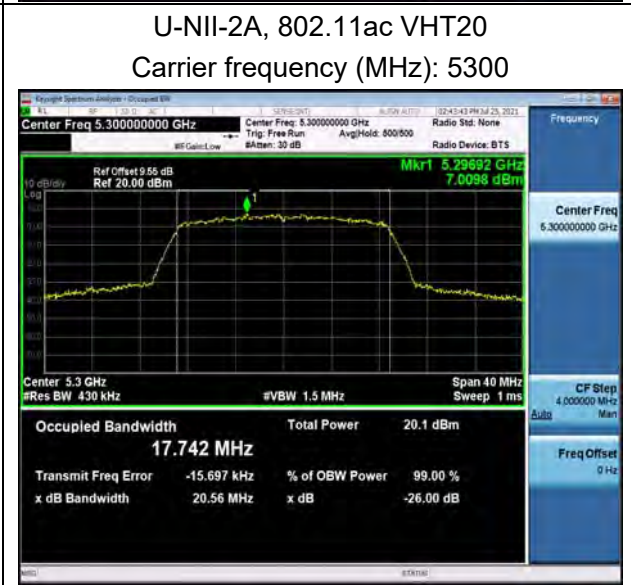
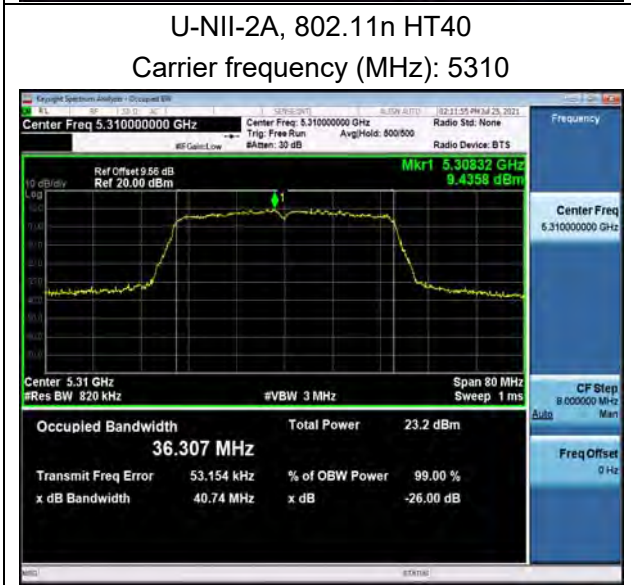
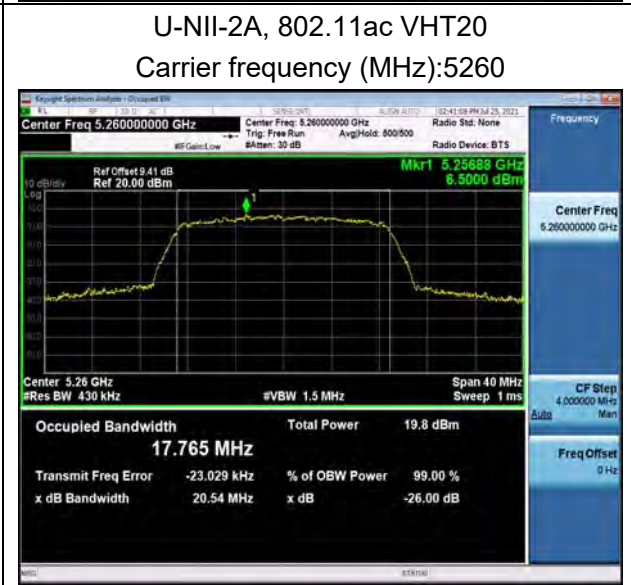
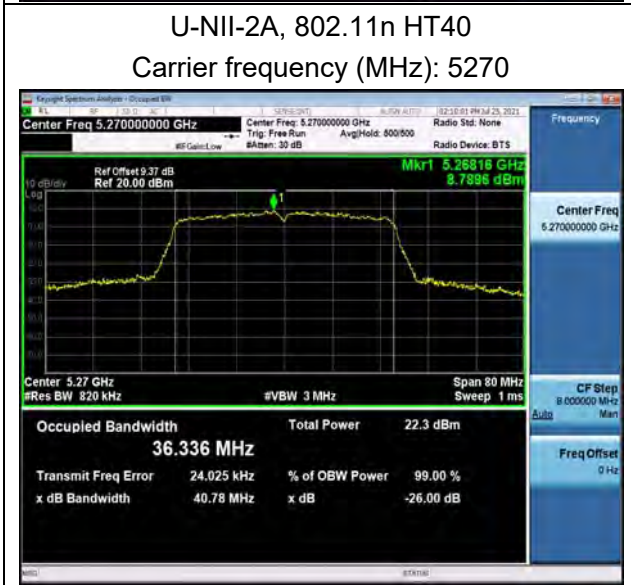
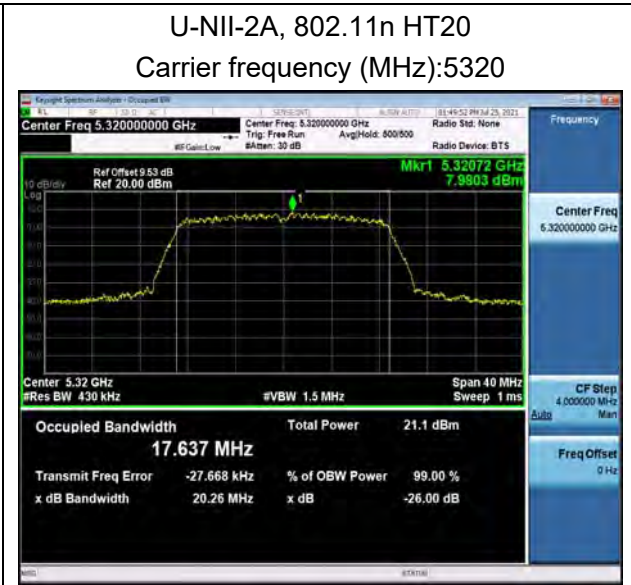
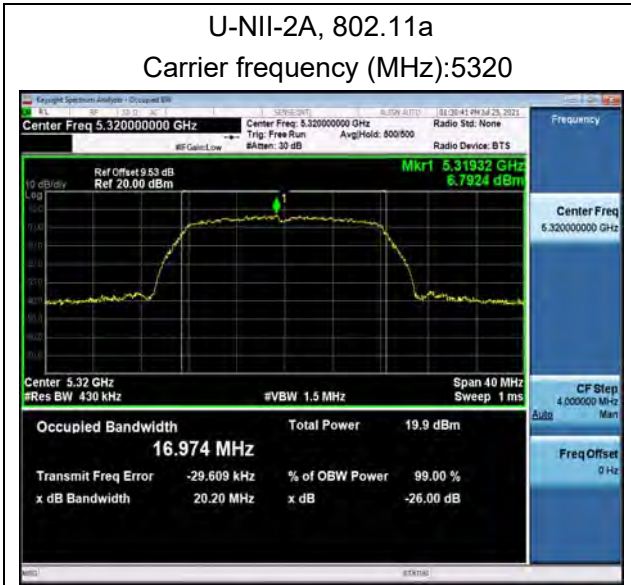


U-NII-2A, 802.11a  
Carrier frequency (MHz): 5300



U-NII-2A, 802.11n HT20  
Carrier frequency (MHz): 5300





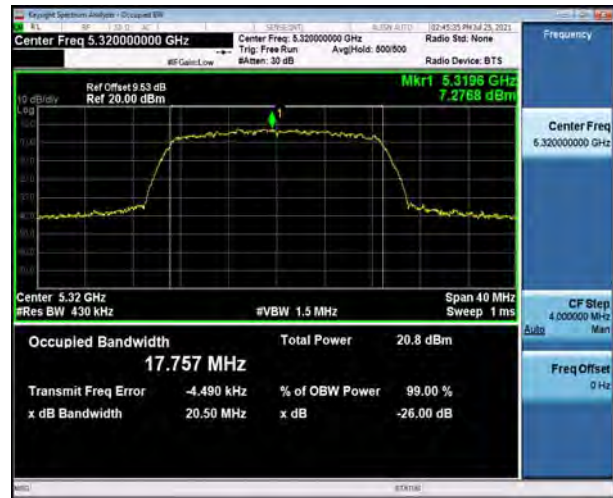




U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5270



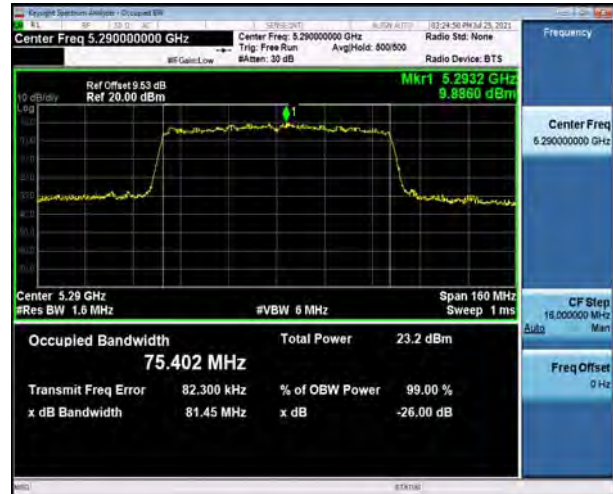
U-NII-2A, 802.11ac VHT20  
Carrier frequency (MHz): 5320



U-NII-2A, 802.11ac VHT40  
Carrier frequency (MHz): 5310



U-NII-2A, 802.11ac VHT80  
Carrier frequency (MHz): 5290



U-NII-2C, 802.11a  
Carrier frequency (MHz): 5500



U-NII-2C, 802.11n HT20  
Carrier frequency (MHz): 5500

