

TEST REPORT

Applicant: Nuvvyo Inc.

Address of Applicant: 555 Legget Drive Tower B Suite 836 Kanata, ON K2K2X3, Canada

Manufacturer: Nuvvyo Inc.

Address of Manufacturer: 555 Legget Drive Tower B Suite 836 Kanata, ON K2K2X3, Canada

Factory: SHENZHEN GIEC DIGITAL CO., LTD

Address of Factory: 1st&3rd Building, No.26 Puzai Road, Pingdi, Longgang District, Shenzhen, China

Equipment Under Test (EUT)

Product Name: OTA streamer

Model No.: TDNS-HDMI-2B-01-CN,TQNS-HDMI-4B-01-CN,T30-DNS-HDMI-2B-01-CN,T30-QNS-HDMI-4B-01-CN,T13-DNS-HDMI-2B-01-CN,T13-QNS-HDMI-4B-01-CN

FCC ID: 2AOR7-TABLOHD0

Applicable standards: FCC CFR Title 47 Part 15 Subpart E Section 15.407

Date of sample receipt: September 10, 2020

Date of Test: September 11, 2020-October 09, 2020

Date of report issued: October 10, 2020

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



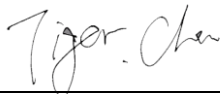
Robinson Lo
Laboratory Manager

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2 Version

Version No.	Date	Description
00	October 10, 2020	Original

Prepared By:



Date:

October 10, 2020

Project Engineer

Check By:



Reviewer

Date:

October 10, 2020

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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Peak Output Power	15.407(a)(3)	Pass
Channel Bandwidth	15.407(e)	Pass
Power Spectral Density	15.407(a)(3)	Pass
Band Edge	15.407(b)(4)	Pass
Spurious Emission	15.205/15.209/15.407(b)(4)	Pass
Frequency Stability	15.407(g)	Pass

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. Test according to ANSI C63.10:2013.

4.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz ~ 30MHz	±3.8039dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 3.9679dB	(1)
Radiated Emission	1GHz ~ 40GHz	± 4.29dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.44dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

5 General Information

5.1 General Description of EUT

Product Name:	OTA streamer
Model No.:	TDNS-HDMI-2B-01-CN,TQNS-HDMI-4B-01-CN,T30-DNS-HDMI-2B-01-CN,T30-QNS-HDMI-4B-01-CN,T13-DNS-HDMI-2B-01-CN,T13-QNS-HDMI-4B-01-CN
Model No.:	T30-QNS-HDMI-4B-01-CN
Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The only difference is model name for commercial purpose.	
S/N:	HD-A04194356-HD-A04195355
Hardware Version:	ATSC-MPEG-16G VER1.0 20200731
Software Version:	2.2.31(2029112)
Test sample(s) ID:	GTS202009000089-1
Sample(s) Status:	Engineer sample
Operation Frequency:	802.11a/802.11n(HT20)/802.11ac(HT20): 5745MHz ~ 5825MHz 802.11n(HT40)/ 802.11ac(HT40): 5755MHz ~ 5795MHz 802.11ac(HT80): 5775MHz
Channel numbers:	802.11a/802.11n(HT20)/802.11ac(HT20): 5 802.11n(HT40)/ 802.11ac(HT40): 2 802.11ac(HT80): 1
Channel bandwidth:	802.11a/802.11n(HT20)/802.11ac(HT20) : 20MHz 802.11n(HT40)/802.11ac(HT40) : 40MHz 802.11ac(HT80): 80MHz
Modulation technology:	Orthogonal Frequency Division Multiplexing (OFDM) MIMO: 802.11n/ac SISO: 802.11a
Antenna Type:	Integral Antenna
Antenna gain:	ANT 1: 3dBi ANT 2: 3dBi
Power supply:	AC ADAPTER Model No: TEKA024-1202000UK Input: AC 100-240V, 50/60Hz, 0.7A MAX Output: DC 12V, 2 A

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
149	5745MHz	151	5755MHz	153	5765MHz	155	5775MHz
157	5785MHz	159	5795MHz	161	5805MHz	163	5815MHz
165	5825MHz						

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Test channel	Frequency (MHz)		
	802.11 a/n/ac(HT20)	802.11 n/ac(HT40)	802.11ac(HT80)
Lowest channel	5745	5755	5765
Middle channel	5785	5795	5775
Highest channel	5825	5795	5805

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode
-------------------	--

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.

Mode	Data rate
802.11a	6Mbps
802.11n/ac(HT20)	6.5Mbps
802.11n/ac(HT40)	13Mbps
802.11ac(HT80)	29.3Mbps

5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number
PHILIPS	LCD monitor	19PFL3120/T3	AU1A1212002906

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC —Registration No.: 381383**

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383.

- **IC —Registration No.: 9079A**

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China

Tel: 0755-27798480

Fax: 0755-27798960

5.8 Additional Instructions

Test Software	Special test command provided by manufacturer
Power level setup	Default
Version	Ver 1.0

6 Test Instruments list

Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 02 2020	July. 01 2025
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 25 2020	June. 24 2021
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 25 2020	June. 24 2021
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 25 2020	June. 24 2021
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 25 2020	June. 24 2021
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 25 2020	June. 24 2021
9	Coaxial Cable	GTS	N/A	GTS211	June. 25 2020	June. 24 2021
10	Coaxial cable	GTS	N/A	GTS210	June. 25 2020	June. 24 2021
11	Coaxial Cable	GTS	N/A	GTS212	June. 25 2020	June. 24 2021
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 25 2020	June. 24 2021
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 25 2020	June. 24 2021
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 25 2020	June. 24 2021
15	Band filter	Amindeon	82346	GTS219	June. 25 2020	June. 24 2021
16	Power Meter	Anritsu	ML2495A	GTS540	June. 25 2020	June. 24 2021
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 25 2020	June. 24 2021
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 25 2020	June. 24 2021
19	Splitter	Agilent	11636B	GTS237	June. 25 2020	June. 24 2021
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 25 2020	June. 24 2021
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 19 2019	Oct. 18 2020
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 19 2019	Oct. 18 2020
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 19 2019	Oct. 18 2020
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 25 2020	June. 24 2021

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	May.15 2019	May.14 2022
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 25 2020	June. 24 2021
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 25 2020	June. 24 2021
4	ENV216 2-L-V-NETZNACHB.DE	ROHDE&SCHWARZ	ENV216	GTS226	June. 25 2020	June. 24 2021
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
7	Thermo meter	KTJ	TA328	GTS233	June. 25 2020	June. 24 2021
8	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	June. 25 2020	June. 24 2021
9	ISN	SCHWARZBECK	NTFM 8158	GTD565	June. 25 2020	June. 24 2021

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	June. 25 2020	June. 24 2021
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 25 2020	June. 24 2021
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 25 2020	June. 24 2021
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 25 2020	June. 24 2021
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 25 2020	June. 24 2021
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 25 2020	June. 24 2021
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 25 2020	June. 24 2021
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 25 2020	June. 24 2021

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 25 2020	June. 24 2021
2	Barometer	ChangChun	DYM3	GTS255	June. 25 2020	June. 24 2021

7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203
<i>15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</i>	
E.U.T Antenna:	
<i>The antennas are integral antenna, the best case gain of the antennas are 3dBi, reference to the appendix II for details</i>	

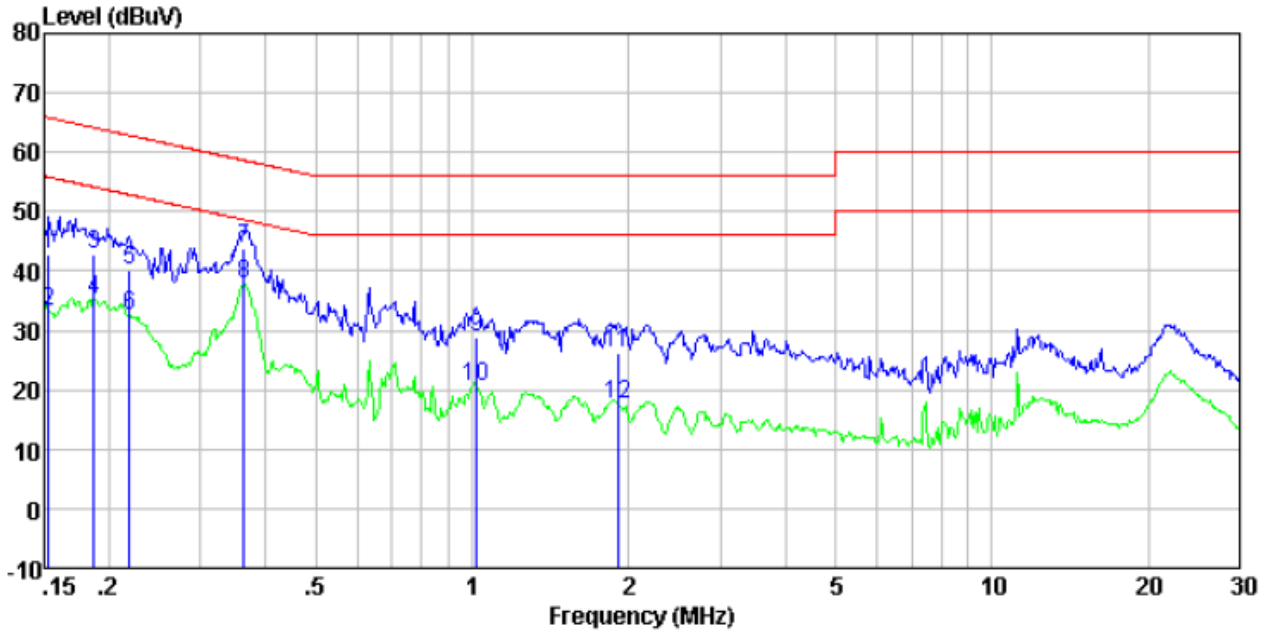
7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2013					
Test Frequency Range:	150KHz to 30MHz					
Class / Severity:	Class B					
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto					
Limit:	Frequency range (MHz)	Limit (dBuV)				
		Quasi-peak		Average		
	0.15-0.5	66 to 56*		56 to 46*		
	0.5-5	56		46		
	5-30	60		50		
* Decreases with the logarithm of the frequency.						
Test setup:	<p><i>Remark</i> <i>E.U.T: Equipment Under Test</i> <i>LISN: Line Impedance Stabilization Network</i> <i>Test table height=0.8m</i></p>					
Test procedure:	<ol style="list-style-type: none"> 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement. 					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.2 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					

Remark: Both high and low voltages have been tested to show only the worst low voltage test data.

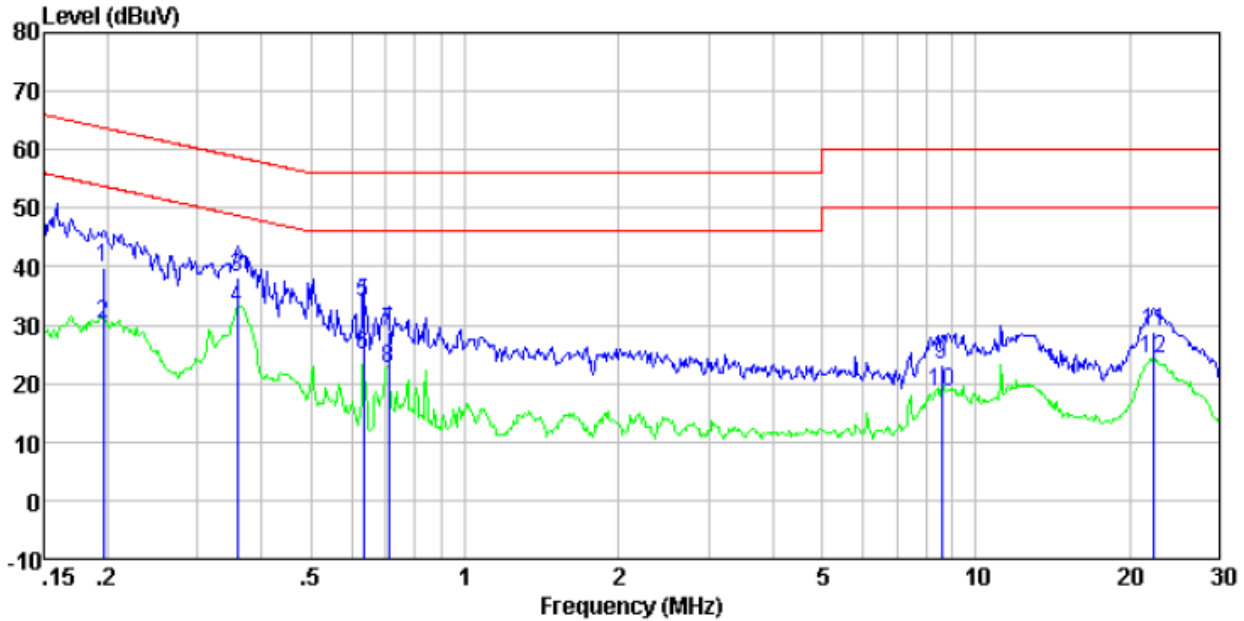
Measurement data

Line:



Freq MHz	Reading level dBuV	LISN/ISN factor dB/m	Cable loss dB	Level dBuV	Limit level dBuV	Over limit dB	Remark
0.15	22.18	20.40	0.07	42.65	65.82	-23.17	QP
0.15	12.85	20.40	0.07	33.32	55.82	-22.50	Average
0.19	22.33	20.40	0.10	42.83	64.15	-21.32	QP
0.19	14.65	20.40	0.10	35.15	54.15	-19.00	Average
0.22	19.70	20.40	0.11	40.21	62.88	-22.67	QP
0.22	12.14	20.40	0.11	32.65	52.88	-20.23	Average
0.36	23.31	20.37	0.10	43.78	58.65	-14.87	QP
0.36	17.45	20.37	0.10	37.92	48.65	-10.73	Average
1.02	8.51	20.20	0.15	28.86	56.00	-27.14	QP
1.02	0.19	20.20	0.15	20.54	46.00	-25.46	Average
1.91	5.83	20.20	0.17	26.20	56.00	-29.80	QP
1.91	-2.72	20.20	0.17	17.65	46.00	-28.35	Average

Neutral:

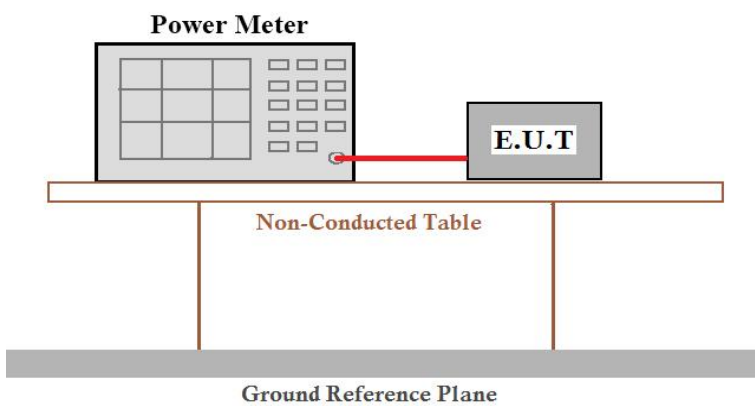


Freq MHz	Reading level dBuV	LISN/ISN factor dB/m	Cable loss dB	Level dBuV	Limit level dBuV	Over limit dB	Remark
0.20	19.45	20.40	0.11	39.96	63.76	-23.80	QP
0.20	9.82	20.40	0.11	30.33	53.76	-23.43	Average
0.36	17.55	20.37	0.10	38.02	58.74	-20.72	QP
0.36	12.41	20.37	0.10	32.88	48.74	-15.86	Average
0.63	13.32	20.28	0.12	33.72	56.00	-22.28	QP
0.63	4.49	20.28	0.12	24.89	46.00	-21.11	Average
0.71	8.55	20.26	0.13	28.94	56.00	-27.06	QP
0.71	2.06	20.26	0.13	22.45	46.00	-23.55	Average
8.59	2.77	20.20	0.19	23.16	60.00	-36.84	QP
8.59	-1.80	20.20	0.19	18.59	50.00	-31.41	Average
22.30	8.34	20.33	0.23	28.90	60.00	-31.10	QP
22.30	3.56	20.33	0.23	24.12	50.00	-25.88	Average

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss
4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both *limits and measurement with the average detector receiver is unnecessary.*

7.3 Conducted Peak Output Power

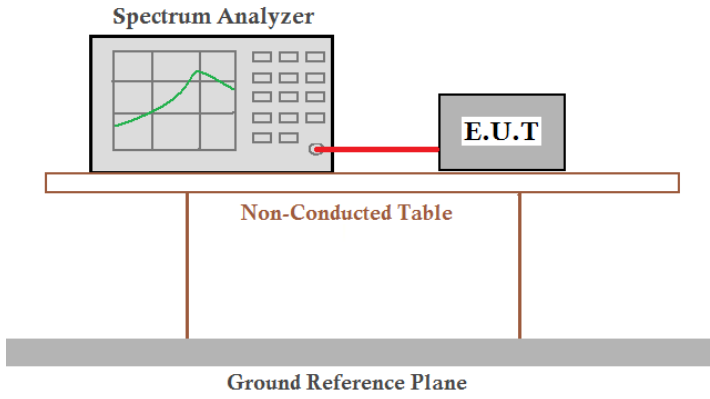
Test Requirement:	FCC Part15 E Section 15.407(a)(3)
Test Method:	ANSI C63.10:2013 and KDB 789033 D02 General U-NII Test Procedures New Rules v02r01
Limit:	30dBm
Test setup:	 <p>The diagram illustrates the test setup. A Power Meter is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which is supported by two legs. Below the table is a Ground Reference Plane.</p>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	15.67	<=30	PASS
	Ant2	5745	13.95	<=30	PASS
	Ant1	5785	15.90	<=30	PASS
	Ant2	5785	14.57	<=30	PASS
	Ant1	5825	15.92	<=30	PASS
	Ant2	5825	17.09	<=30	PASS
11N20	Ant1	5745	15.23	<=30	PASS
	Ant2	5745	14.91	<=30	PASS
	total	5745	18.1	<=30	PASS
	Ant1	5785	14.78	<=30	PASS
	Ant2	5785	15.49	<=30	PASS
	total	5785	18.2	<=30	PASS
	Ant1	5825	16.70	<=30	PASS
	Ant2	5825	16.08	<=30	PASS
	total	5825	19.4	<=30	PASS
11N40	Ant1	5755	16.11	<=30	PASS
	Ant2	5755	14.45	<=30	PASS
	total	5755	18.4	<=30	PASS
	Ant1	5795	15.97	<=30	PASS
	Ant2	5795	14.42	<=30	PASS
	total	5795	18.3	<=30	PASS
11AC20	Ant1	5745	14.54	<=30	PASS
	Ant2	5745	14.59	<=30	PASS
	total	5745	17.6	<=30	PASS
	Ant1	5785	15.31	<=30	PASS
	Ant2	5785	15.96	<=30	PASS
	total	5785	18.7	<=30	PASS
	Ant1	5825	15.82	<=30	PASS
	Ant2	5825	15.90	<=30	PASS
	total	5825	18.9	<=30	PASS
11AC40	Ant1	5755	15.61	<=30	PASS
	Ant2	5755	14.92	<=30	PASS
	total	5755	18.3	<=30	PASS
	Ant1	5795	16.44	<=30	PASS
	Ant2	5795	16.72	<=30	PASS
	total	5795	19.6	<=30	PASS
11AC80MIMO	Ant1	5775	12.19	<=30	PASS
	Ant2	5775	14.30	<=30	PASS
	total	5775	16.4	<=30	PASS

Note: transmit signals are completely uncorrelated,
 Directional gain= $10 \times \log [(10^{3/10} + 10^{3/10})/2]=3\text{dBi}$

7.4 Channel Bandwidth

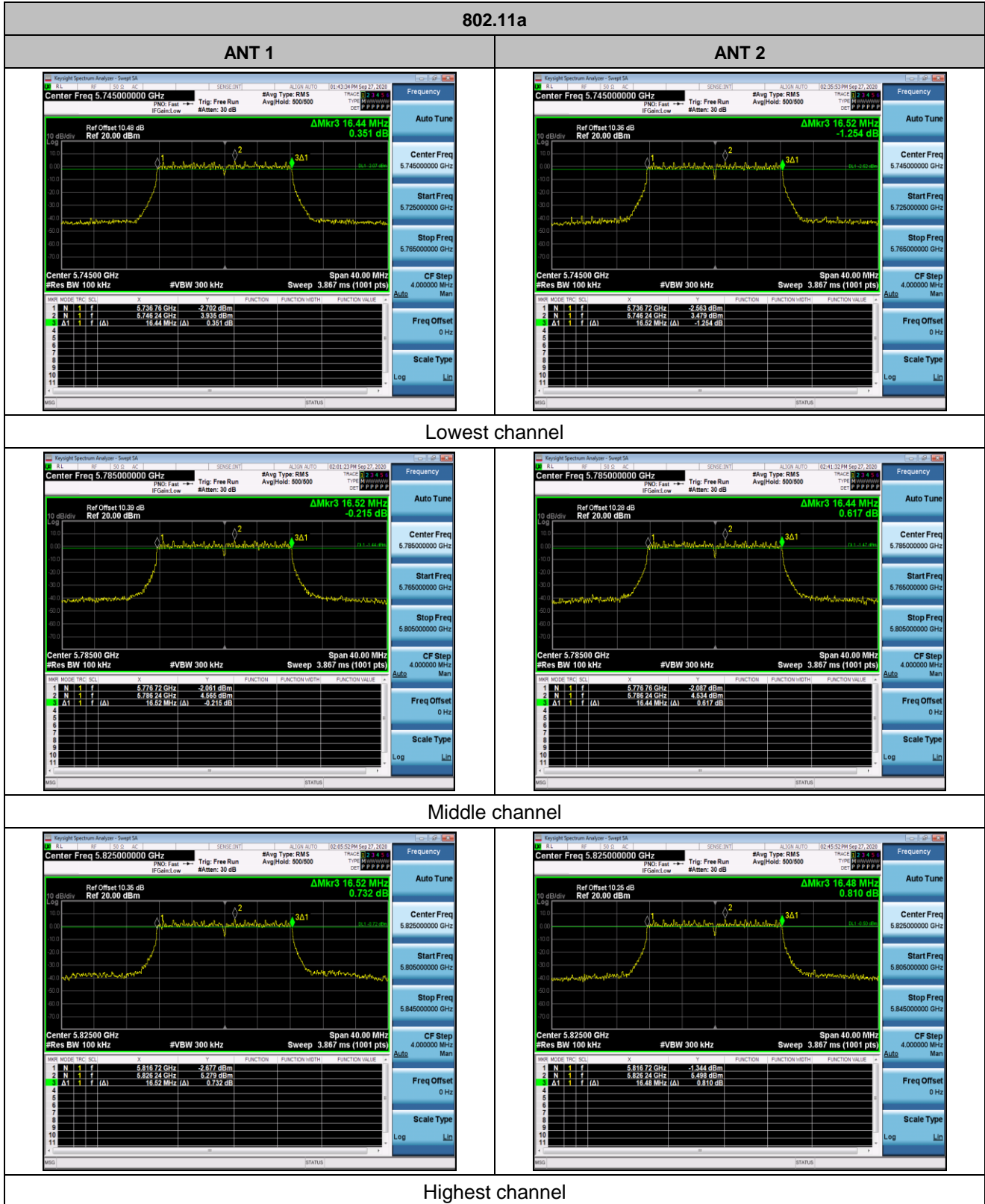
Test Requirement:	FCC Part15 E Section 15.407(e)
Test Method:	ANSI C63.10:2013 and KDB 789033 D02 General U-NII Test Procedures New Rules v02r01
Limit:	>500KHz
Test setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which is supported by a Ground Reference Plane.</p>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Test Mode	Antenna	Channel	-6db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.760	5753.200	0.5	PASS
	Ant2	5745	16.520	5736.720	5753.240	0.5	PASS
	Ant1	5785	16.520	5776.720	5793.240	0.5	PASS
	Ant2	5785	16.440	5776.760	5793.200	0.5	PASS
	Ant1	5825	16.520	5816.720	5833.240	0.5	PASS
	Ant2	5825	16.480	5816.720	5833.200	0.5	PASS
11N20MIMO	Ant1	5745	17.720	5736.120	5753.840	0.5	PASS
	Ant2	5745	17.680	5736.080	5753.760	0.5	PASS
	Ant1	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant2	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant1	5825	17.680	5816.120	5833.800	0.5	PASS
	Ant2	5825	17.720	5816.120	5833.840	0.5	PASS
11N40MIMO	Ant1	5755	36.400	5736.680	5773.080	0.5	PASS
	Ant2	5755	36.400	5736.760	5773.160	0.5	PASS
	Ant1	5795	36.080	5777.080	5813.160	0.5	PASS
	Ant2	5795	35.600	5777.000	5812.600	0.5	PASS
11AC20MIMO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
	Ant2	5745	17.720	5736.120	5753.840	0.5	PASS
	Ant1	5785	17.640	5776.120	5793.760	0.5	PASS
	Ant2	5785	17.600	5776.160	5793.760	0.5	PASS
	Ant1	5825	17.680	5816.120	5833.800	0.5	PASS
	Ant2	5825	17.640	5816.200	5833.840	0.5	PASS
11AC40MIMO	Ant1	5755	35.280	5737.320	5772.600	0.5	PASS

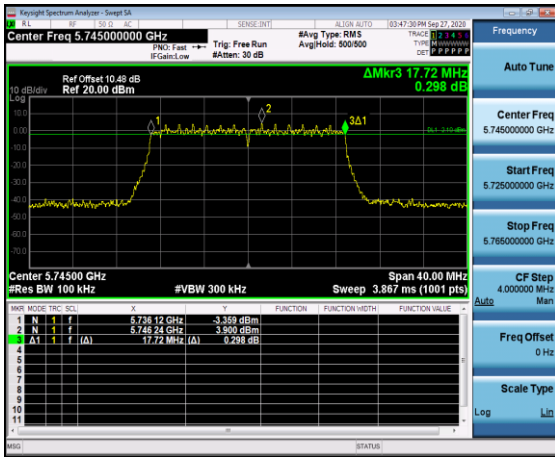
	Ant2	5755	35.760	5736.840	5772.600	0.5	PASS
	Ant1	5795	35.280	5777.320	5812.600	0.5	PASS
	Ant2	5795	35.920	5777.320	5813.240	0.5	PASS
11AC80MIMO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS

Test plot as follows:

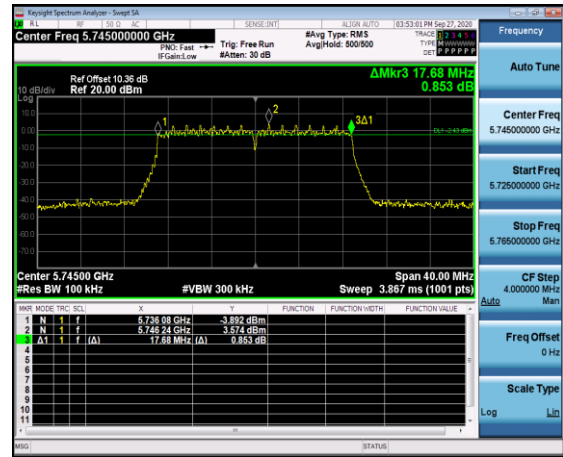


802.11n(HT20)

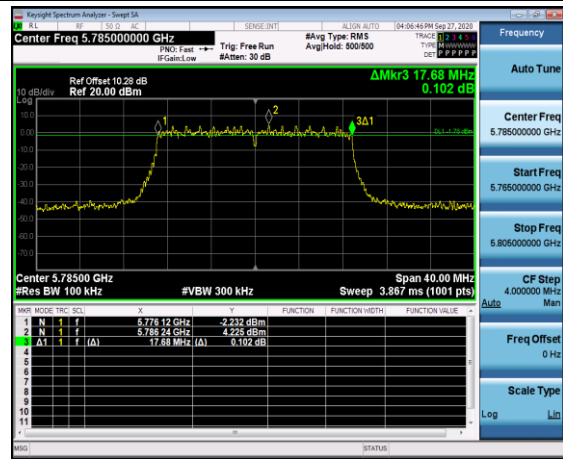
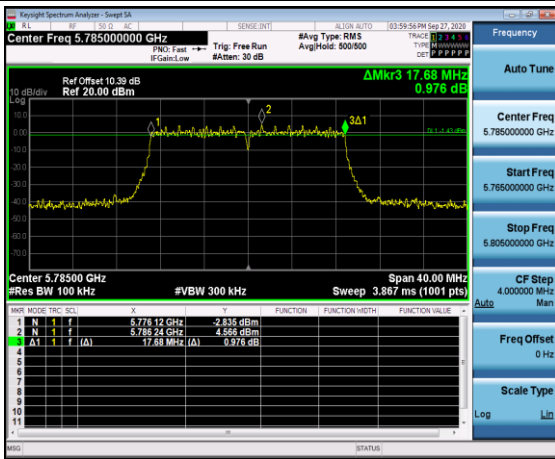
ANT 1



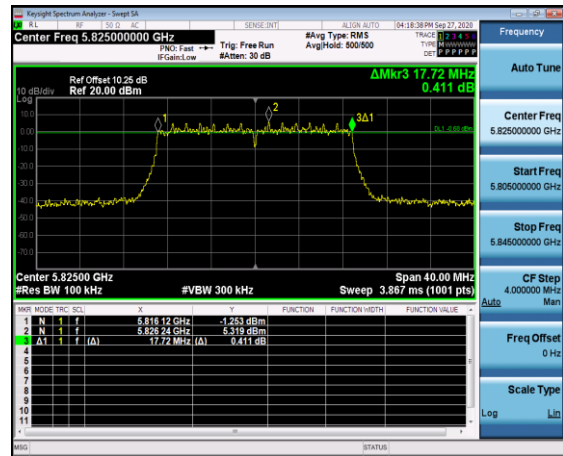
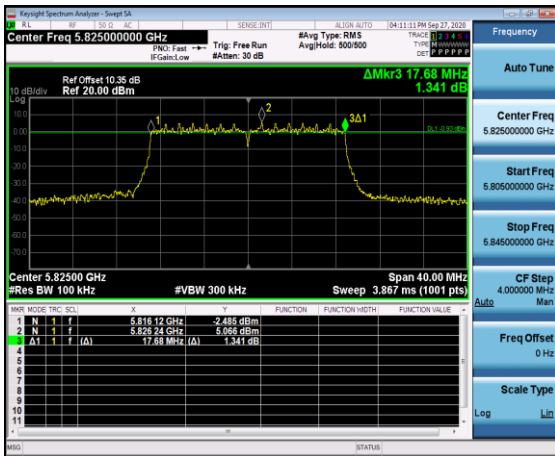
ANT 2



Lowest channel



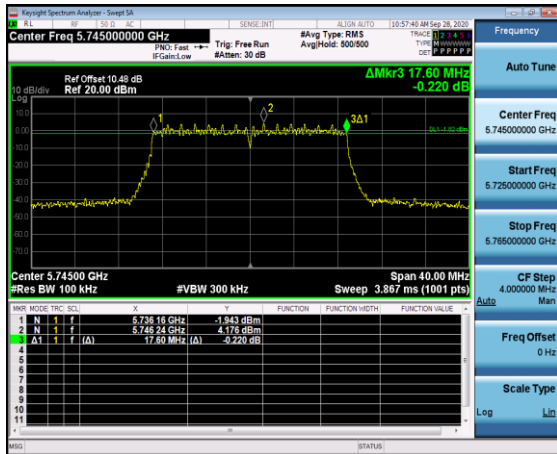
Middle channel



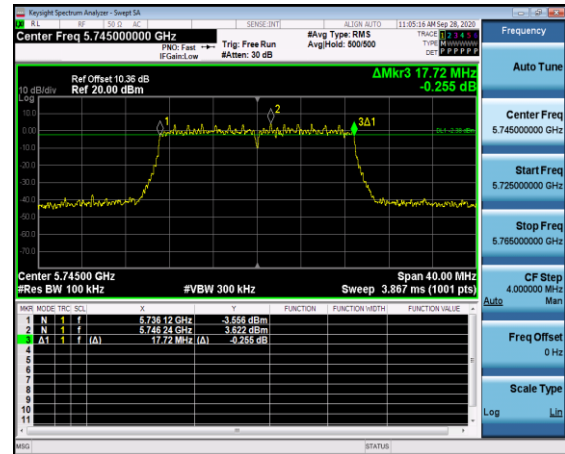
Highest channel

802.11ac(HT20)

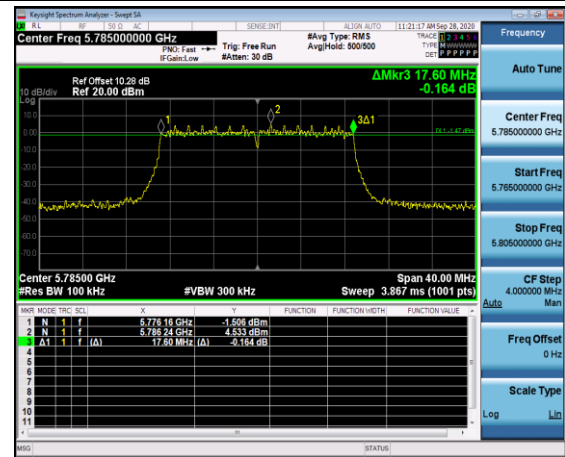
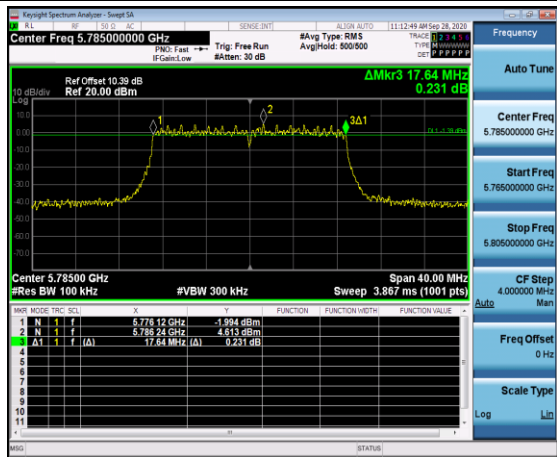
ANT 1



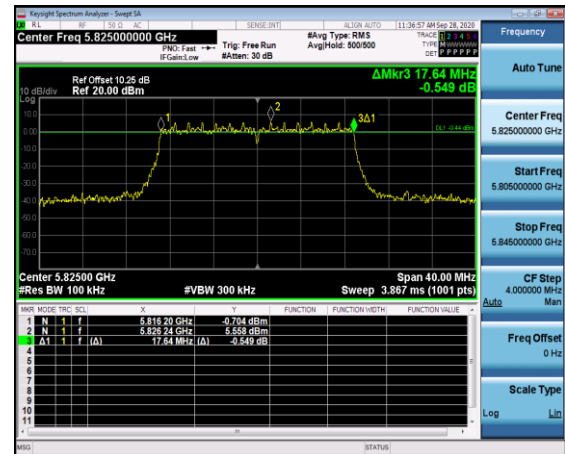
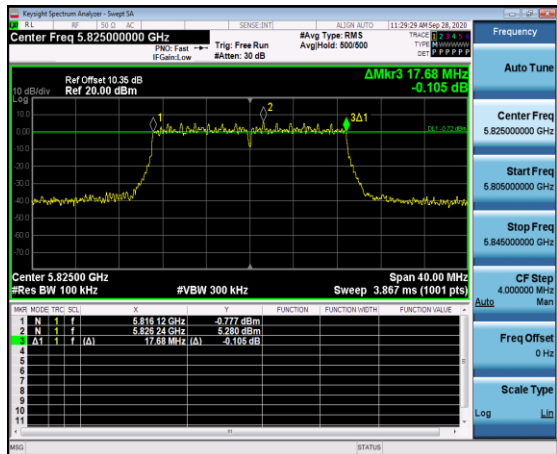
ANT 2



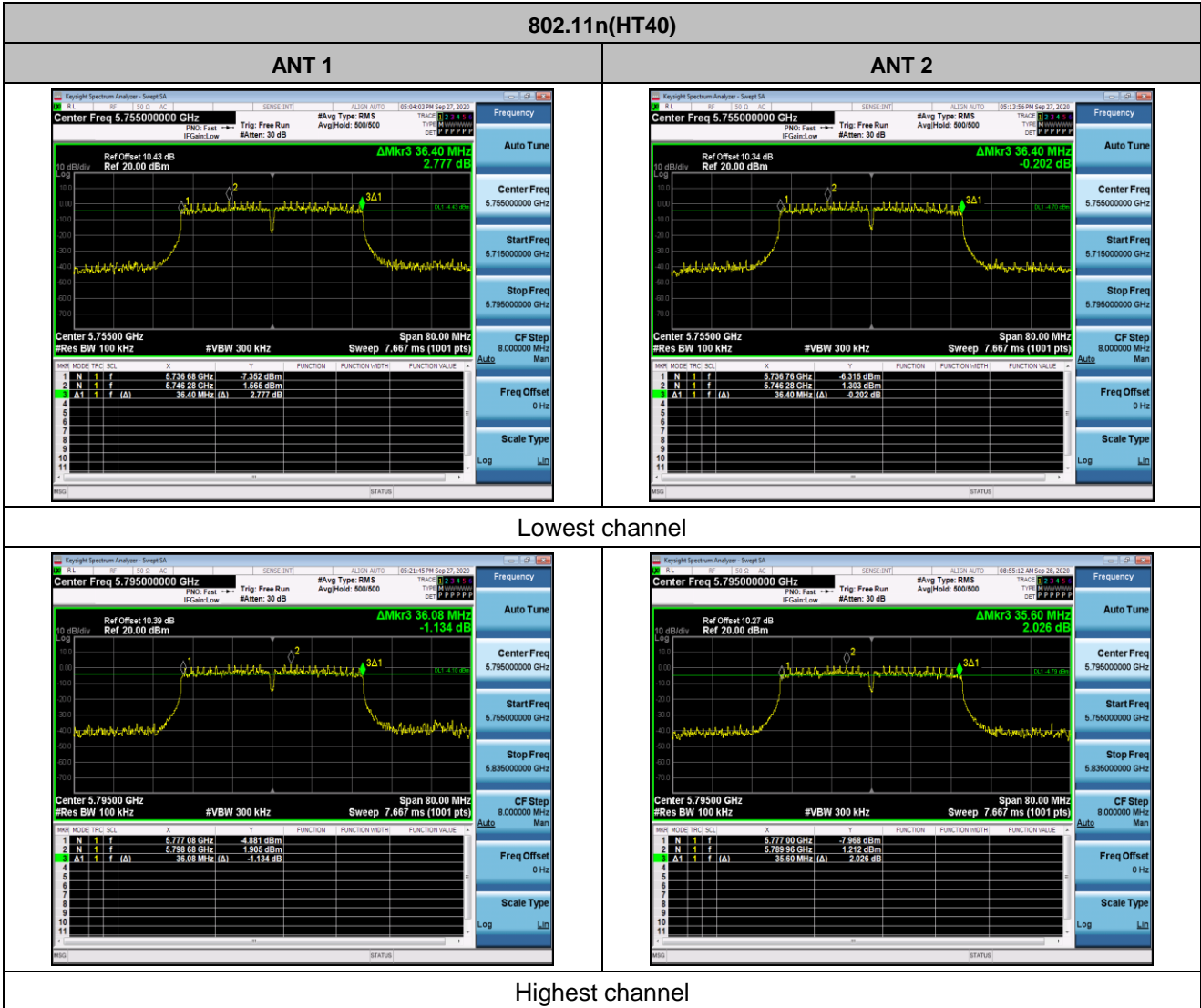
Lowest channel



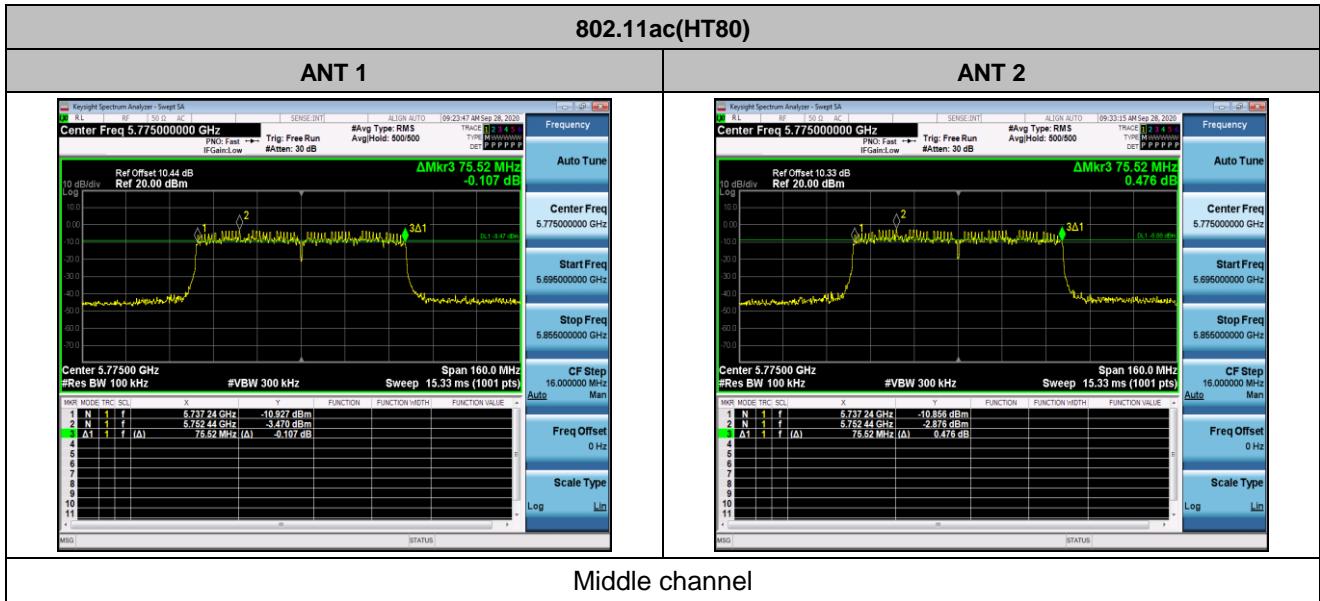
Middle channel



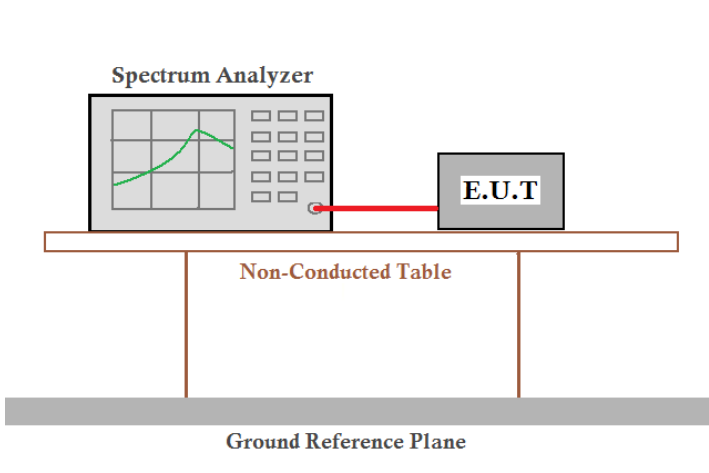
Highest channel







7.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407(a)(3)
Test Method:	ANSI C63.10:2013 and KDB 789033 D02 General U-NII Test Procedures New Rules v02r01
Limit:	30dBm/500kHz
Test setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which is supported by a Ground Reference Plane.</p>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

Modulation	Duty cycle	Duty Factor
802.11a	71.69%	1.45
802.11n(HT20)	68.06%	1.67
802.11n(HT40)	52.36%	2.81
802.11ac(HT20)	67.68%	1.69
802.11ac(HT40)	42.44%	3.72
802.11ac(HT80)	35.22%	4.53