

TEST REPORT

Product : 10 inch WIFI Digital Photo Frame
Trade mark : N/A
Model/Type reference : Skylight 2, D104S
Serial Number : N/A
Report Number : EED32K00312402
FCC ID : 2AABK-SKYLIGHT2
Date of Issue : Dec. 19, 2018
Test Standards : 47 CFR Part 15Subpart E
Test result : PASS

Prepared for:

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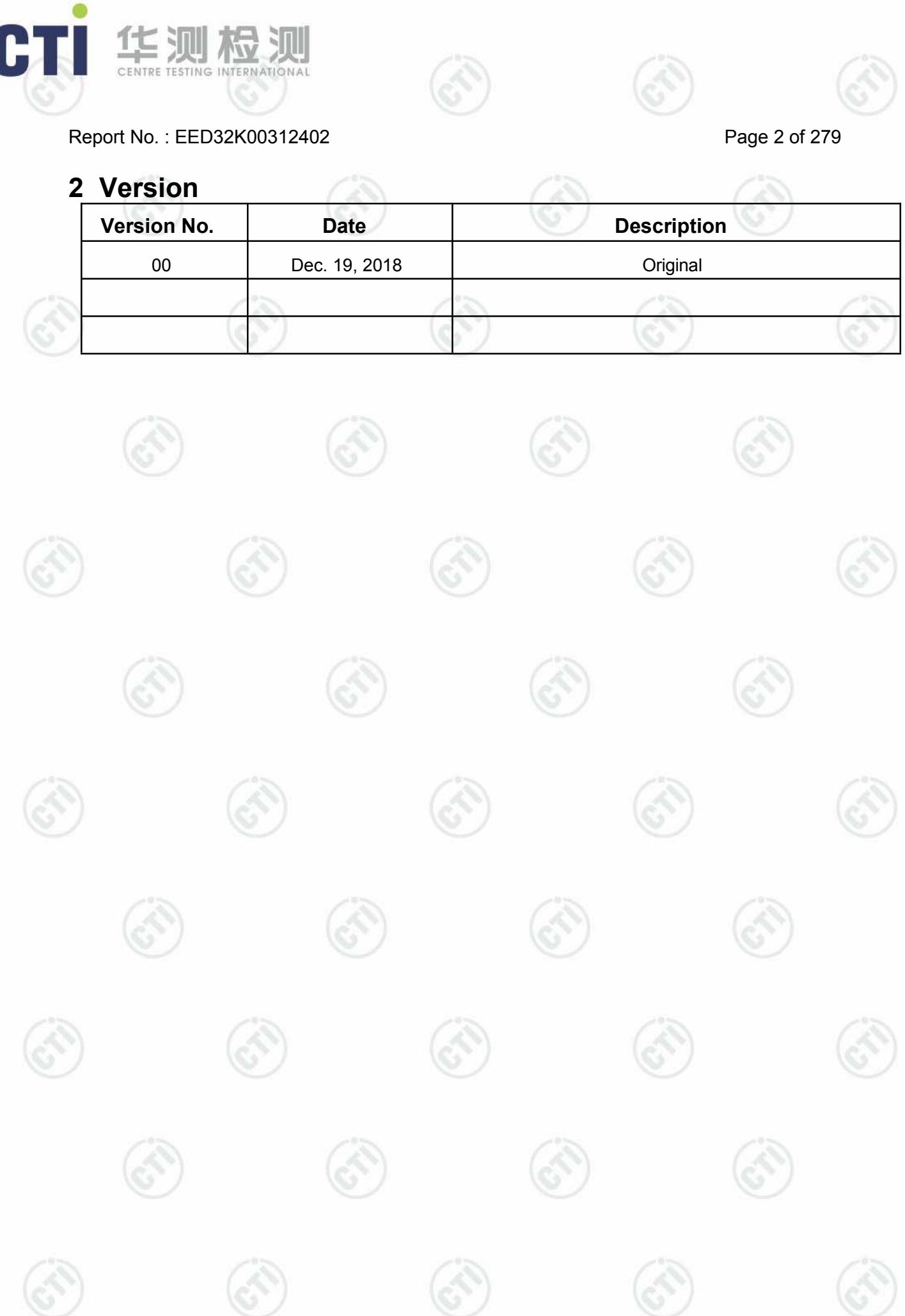


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2 Version

Version No.	Date	Description
00	Dec. 19, 2018	Original



3 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10-2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart E Section 15.407 (b)(6)	ANSI C63.10-2013	PASS
Conducted Output Power and transmit power control mechanism	47 CFR Part 15 Subpart E Section 15.407 (a)(1)(2)(4)(h)(1)	ANSI C63.10-2013	PASS
Emission Bandwidth	47 CFR Part 15 Subpart E Section 15.407 (a)(1)(2)	ANSI C63.10-2013	PASS
Peak Power Spectral Density	47 CFR Part 15 Subpart E Section 15.407 (a)(1)(2)(5)	ANSI C63.10-2013	PASS
Frequency stability	47 CFR Part 15 Subpart E Section 15.407 (g)	ANSI C63.10-2013	PASS
Operation in the absence of information to the transmit	47 CFR Part 15 Subpart E Section 15.407 (c)	47 CFR Part 15 Subpart E	PASS
Unwanted Emissions that fall Outside of the Restricted Bands	47 CFR Part 15 Subpart E Section 15.407 (b)(1)(2)(3)(5)	ANSI C63.10-2013	PASS
Unwanted Emissions in the Restricted Bands	47 CFR Part 15 Subpart E Section 15.407 (b)(6)(7)(8)	ANSI C63.10-2013	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15 Subpart E Section 15.407 (b)(6)(7)(8)	ANSI C63.10-2013	PASS

Remark:

The tested sample(s) and the sample information are provided by the client.

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application

Model No.: Skylight 2, D104S

Only the model Skylight 2 was tested, since the electrical circuit design, layout, components used and internal wiring were identical for the above models, Only the models are different.

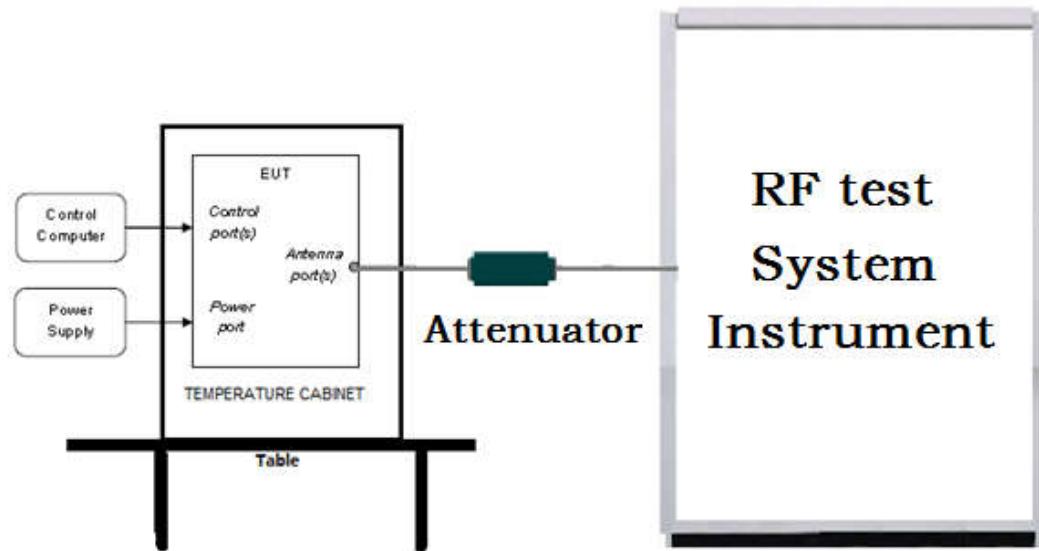
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5 Test Requirement

5.1 Test setup

5.1.1 For Conducted test setup



5.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

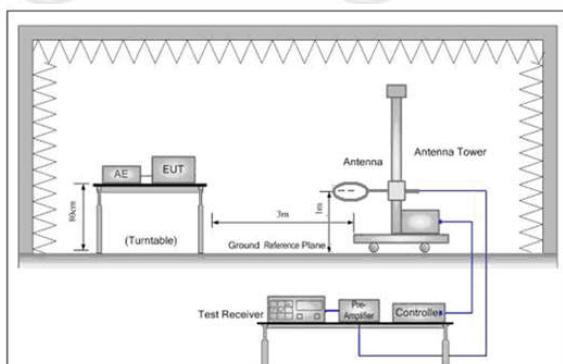


Figure 1. Below 30MHz

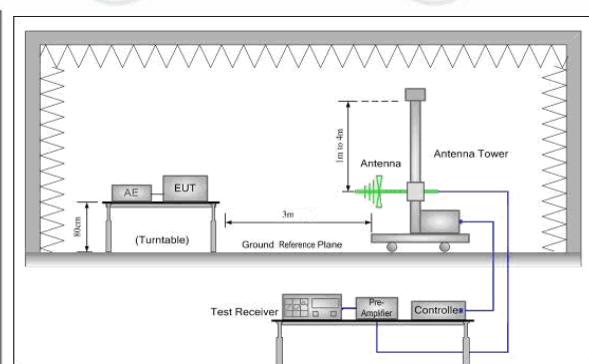


Figure 2. 30MHz to 1GHz

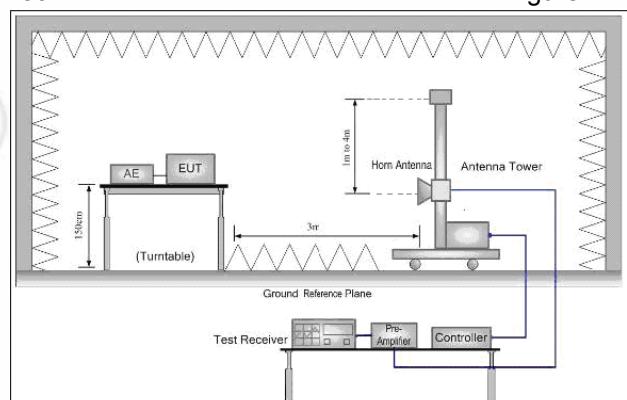
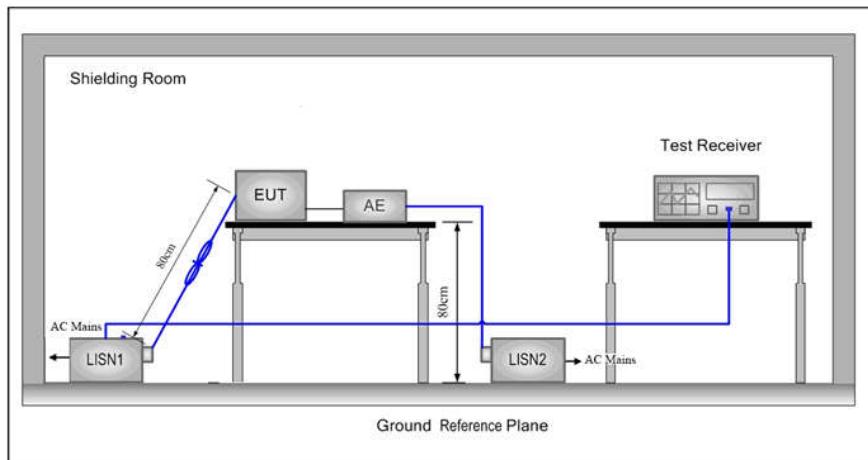


Figure 3. Above 1GHz

5.1.3 For Conducted Emissions test setup

Conducted Emissions setup



5.2 Test Environment

Operating Environment:	
Temperature:	20°C
Humidity:	53% RH
Atmospheric Pressure:	1010mbar

5.3 Test Condition

Test channel:

Test Mode	Tx/Rx	RF Channel		
		Low(L)	Middle(M)	High(H)
802.11a/n/ac(20M)	5150MHz ~5250 MHz	Channel 36	Channel 40	Channel 48
		5180MHz	5200MHz	5240MHz
802.11n/ac(40M)	5150MHz ~5250 MHz	Channel 38	N/A	Channel 46
		5190MHz	N/A	5230MHz
802.11ac(80M)	5150MHz ~5250 MHz	N/A	Channel 42	N/A
		N/A	5210MHz	N/A
802.11a/n/ac(20M)	5250MHz ~5350 MHz	Channel 52	Channel 56	Channel 64
		5260MHz	5280MHz	5320MHz
802.11n/ac(40M)	5250MHz ~5350 MHz	Channel 54	N/A	Channel 62
		5270MHz	N/A	5310MHz
802.11ac(80M)	5250MHz ~5350 MHz	N/A	Channel 58	N/A
		N/A	5290MHz	N/A
802.11a/n/ac(20M)	5470MHz ~5725 MHz	Channel 100	Channel 116	Channel 140
		5500MHz	5580MHz	5700MHz
802.11n/ac(40M)	5470MHz ~5725 MHz	Channel 102	Channel 110	Channel 134
		5510MHz	5550MHz	5670MHz

802.11ac(80M)	5470MHz ~5725 MHz	N/A	Channel 106	N/A
		N/A	5530MHz	N/A
802.11a/n/ac(20M)	5725MHz ~5850 MHz	Channel 149	Channel 157	Channel 165
		5745MHz	5785MHz	5825MHz
802.11n/ac(40M)	5725MHz ~5850 MHz	Channel 151	N/A	Channel 159
		5755MHz	N/A	5795MHz
802.11ac(80M)	5725MHz ~5850 MHz	N/A	Channel 155	N/A
		N/A	5775MHz	N/A

Test mode:**Pre-scan under all rate at lowest channel for Ant1**

Mode	802.11a							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	15.82	15.55	15.48	15.23	14.94	14.57	13.97	13.74
802.11n (20M)								
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	15.86	15.80	15.45	15.31	14.90	14.49	13.95	13.64
Mode	802.11ac (20M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	15.95	15.75	15.56	15.26	14.94	14.61	13.88	13.65
Mode	802.11n(40M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	14.80	14.65	13.92	13.43	12.67	12.48	11.64	11.15
Mode	802.11ac (40M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	14.77	14.62	14.06	13.41	12.71	12.32	11.65	11.20
Mode	802.11ac(80M)							
Data Rate	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Power(dBm)	14.86	14.50	13.94	13.42	12.68	12.33	11.65	11.22

Through Pre-scan, MCS0 is the worst case of 802.11a (20M);MCS0 is the worst case of 802.11n (20M) ;MCS0 is the worst case of 802.11ac (20M) ;MCS0 is the worst case of 802.11n(40M) ;MCS0 is the worst case of 802.11ac (40M) ;MCS0 is the worst case of 802.11ac(80M).

6 General Information

6.1 Client Information

Applicant:	Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
Address of Applicant:	4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street, Bao'an District, Shenzhen, P. R. China
Manufacturer:	Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
Address of Manufacturer:	4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street, Bao'an District, Shenzhen, P. R. China
Factory:	Shenzhen Chuangwei Electronic Appliance Tech Co., Ltd.
Address of Factory:	4F & 6F, Overseas plant south, Skyworth Industrial Park, Shiyan Street, Bao'an District, Shenzhen, P. R. China

6.2 General Description of EUT

Product Name:	10 inch WIFI Digital Photo Frame
Model No.(EUT):	Skylight 2, D104S
Test Model No.:	Skylight 2
Trade Mark:	N/A
EUT Supports Radios application:	2.4GHz: Wi-Fi:802.11b/g/n(HT20)(HT40): 2412MHz ~2472 MHz 5GHz: Wi-Fi: U-NII-1: 5.15-5.25GHz; U-NII-2A: 5.25-5.35GHz U-NII-2C: 5.470-5.725GHz; U-NII-3: 5.725-5.850GHz 802.11a, 802.11n(20MHz/40MHz)
Power Supply:	Adapter: Model:TPA-46050150UU Input:100~240V~ 50/60Hz, 0.3A Output:5V---1500mA
Sample Received Date:	Nov. 19, 2018
Sample tested Date:	Nov. 22, 2018 to Dec. 12, 2018

6.3 Product Specification subjective to this standard

Operation Frequency:	IEEE 802.11a/n/ac(20M): 5150MHz ~5250 MHz IEEE802.11n/ac(40M): 5150MHz ~5250 MHz IEEE802.11ac(80M): 5150MHz ~5250 MHz IEEE 802.11a/n/ac(20M): 5250MHz ~5350 MHz IEEE802.11n/ac(40M): 5250MHz ~5350 MHz IEEE802.11ac(80M): 5250MHz ~5350 MHz IEEE 802.11a/n/ac(20M): 5470MHz ~5725 MHz IEEE802.11n/ac(40M): 5470MHz ~5725 MHz IEEE802.11ac(80M): 5470MHz ~5725 MHz IEEE 802.11a/n/ac(20M): 5725MHz ~5850 MHz IEEE802.11n/ac(40M): 5725MHz ~5850 MHz IEEE802.11ac(80M): 5725MHz ~5850 MHz
Channel Numbers:	IEEE 802.11a/n/ac(20M): 5150MHz ~5250MHz/ 4 channel IEEE 802.11n/ac(40M): 5150MHz ~5250MHz/ 2 channel IEEE 802.11ac(80M): 5150MHz ~5250MHz/ 1 channel IEEE 802.11a/n/ac(20M): 5250MHz ~5350 MHz/ 4 channel IEEE802.11n/ac(40M): 5250MHz ~5350 MHz/ 2 channel IEEE802.11ac(80M): 5250MHz ~5350 MHz/ 1 channel IEEE 802.11a/n/ac(20M): 5470MHz ~5725 MHz/ 8 channel IEEE802.11n/ac(40M): 5470MHz ~5725 MHz/ 3 channel IEEE802.11ac(80M): 5470MHz ~5725 MHz/ 1 channel IEEE 802.11a/n/ac(20M): 5725MHz ~5850MHz/ 5 channel IEEE 802.11n/ac(40M): 5725MHz ~5850MHz/ 2 channel IEEE 802.11ac(80M): 5725MHz ~5850MHz/ 1 channel
Type of Modulation:	OFDM

Sample Type:	Fixed production
Firmware version:	D104.V2.05(manufacturer declare)
Hardware version:	V01(manufacturer declare)
Test Power Grade:	N/A
Test Software of EUT:	Ampak RFTestTool, VER:5.3(manufacturer declare)
Antenna Type:	Integral antenna
Antenna gain:	4dBi@2.4G 2dBi@5G
Test Voltage:	AC 120V, 60Hz

Operation Frequency each of channel

For 802.11a/n/ac(20M) Operation in the 5150MHz ~5250 MHz band			
Channel	Frequency	Channel	Frequency
36	5180MHz	44	5220MHz
40	5200MHz	48	5240MHz
For 802.11a/n/ac(20M) Operation in the 5250MHz ~5350 MHz band			
Channel	Frequency	Channel	Frequency
52	5260MHz	56	5280MHz
60	5300MHz	64	5320MHz
For 802.11a/n/ac(20M) Operation in the 5470MHz ~5725 MHz band			
Channel	Frequency	Channel	Frequency
100	5500MHz	104	5520MHz
108	5540MHz	112	5560MHz
116	5580MHz	132	5660MHz
136	5680MHz	140	5700MHz
For 802.11a/n/ac(20M) Operation in the 5725MHz ~5850 MHz band			
Channel	Frequency	Channel	Frequency
149	5745MHz	161	5805MHz
153	5765MHz	165	5825MHz
157	5785MHz	NA	NA

For 802.11n/ac(40M) Operation in the 5150MHz ~5250 MHz band			
Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz
For 802.11n/ac(40M) Operation in the 5250MHz ~5350 MHz band			
Channel	Frequency	Channel	Frequency
54	5270MHz	62	5310MHz
For 802.11n/ac(40M) Operation in the 5470MHz ~5725 MHz band			
Channel	Frequency	Channel	Frequency
102	5510MHz	110	5550MHz
134	5670MHz	NA	NA

For 802.11n/ac(40M) Operation in the 5725MHz ~5850 MHz band			
Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

For 802.11ac(80M) Operation in the 5150MHz ~5250 MHz band			
Channel	Frequency	NA	NA
42	5210MHz	NA	NA
For 802.11ac(80M) Operation in the 5250MHz ~5350 MHz band			
Channel	Frequency	NA	NA
58	5290MHz	NA	NA
For 802.11ac(80M) Operation in the 5470MHz ~5725 MHz band			
Channel	Frequency	NA	NA
106	5530MHz	NA	NA
For 802.11ac(80M) Operation in the 5725MHz ~5850 MHz band			
Channel	Frequency	NA	NA
155	5775MHz	NA	NA

6.4 Description of Support Units

The EUT has been tested with associated equipment below.

Associated equipment name	Manufacture	model	serial number	Supplied by	Certification	
AE1	Phone	Apple	A1367	TTF20120027	CTI	FCC
AE2	Router	HuaWei	WS550	K8E8W15314002784	CTI	FCC

6.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

6.6 Deviation from Standards

None.

6.7 Abnormalities from Standard Conditions

None.

6.8 Other Information Requested by the Customer

None.

6.9 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	4.5dB (30MHz-1GHz)
		4.8dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

7 Equipment List

RF test system					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Signal Generator	Keysight	E8257D	MY53401106	03-13-2018	03-12-2019
Spectrum Analyzer	Keysight	N9010A	MY54510339	03-13-2018	03-12-2019
Signal Generator	Keysight	N5182B	MY53051549	03-13-2018	03-12-2019
High-pass filter	Sinoscite	FL3CX03WG1 8NM12-0398-002	---	01-10-2018	01-09-2019
High-pass filter	MICRO-TRONICS	SPA-F-63029-4	---	01-10-2018	01-09-2019
DC Power	Keysight	E3642A	MY54426035	03-13-2018	03-12-2019
PC-1	Lenovo	R4960d	---	03-13-2018	03-12-2019
BT&WI-FI Automatic control	R&S	OSP120	101374	03-13-2018	03-12-2019
RF control unit	JS Tonscend	JS0806-2	15860006	03-13-2018	03-12-2019
RF control unit	JS Tonscend	JS0806-1	15860004	03-13-2018	03-12-2019
RF control unit	JS Tonscend	JS0806-4	158060007	03-13-2018	03-12-2019
BT&WI-FI Automatic test software	JS Tonscend	JS1120-2	---	03-13-2018	03-12-2019
Temperature/Humidity Indicator	biaozhi	HM10	1804186	10-12-2018	10-11-2019

Conducted disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Receiver	R&S	ESCI	100435	05-25-2018	05-24-2019
Temperature/ Humidity Indicator	Defu	TH128	/	07-02-2018	07-01-2019
Communication test set	Agilent	E5515C	GB47050 534	03-16-2018	03-15-2019
Communication test set	R&S	CMW500	152394	03-16-2018	03-15-2019
LISN	R&S	ENV216	100098	05-10-2018	05-10-2019
LISN	schwarzbeck	NNLK8121	8121-529	05-10-2018	05-10-2019
Voltage Probe	R&S	ESH2-Z3 0299.7810.5 6	100042	06-13-2017	06-11-2020
Current Probe	R&S	EZ-17 816.2063.03	100106	05-30-2018	05-29-2019
ISN	TESEQ	ISN T800	30297	02-06-2018	02-05-2019

3M Semi/full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	06-04-2016	06-03-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-401	10-28-2018	10-27-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	07-30-2018	07-29-2019
Microwave Preamplifier	Agilent	8449B	3008A024 25	08-21-2018	08-20-2019
Microwave Preamplifier	Tonscend	EMC051845SE	980380	01-19-2018	01-18-2019
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D- 1869	04-25-2018	04-23-2021
Horn Antenna	ETS-LINDGREN	3117	00057410	06-05-2018	06-03-2021
Double ridge horn antenna	A.H.SYSTEMS	SAS-574	6042	06-05-2018	06-04-2021
Pre-amplifier	A.H.SYSTEMS	PAP-1840-60	6041	06-05-2018	06-04-2021
Loop Antenna	ETS	6502	00071730	06-22-2017	06-21-2019
Spectrum Analyzer	R&S	FSP40	100416	05-11-2018	05-10-2019
Receiver	R&S	ESCI	100435	05-25-2018	05-24-2019
Receiver	R&S	ESCI7	100938- 003	11-22-2017	11-23-2018
Receiver	R&S	ESCI7	100938- 003	11-23-2018	11-22-2019
Multi device Controller	maturo	NCD/070/10711 112	---	01-10-2018	01-09-2019
LISN	schwarzbeck	NNBM8125	81251547	05-11-2018	05-10-2019
LISN	schwarzbeck	NNBM8125	81251548	05-11-2018	05-10-2019
Signal Generator	Agilent	E4438C	MY45095 744	03-13-2018	03-12-2019
Signal Generator	Keysight	E8257D	MY53401 106	03-13-2018	03-12-2019
Temperature/ Humidity Indicator	Shanghai qixiang	HM10	1804298	10-12-2018	10-11-2019
Communication test set	Agilent	E5515C	GB47050 534	03-16-2018	03-15-2019
Cable line	Fulai(7M)	SF106	5219/6A	01-10-2018	01-09-2019
Cable line	Fulai(6M)	SF106	5220/6A	01-10-2018	01-09-2019
Cable line	Fulai(3M)	SF106	5216/6A	01-10-2018	01-09-2019
Cable line	Fulai(3M)	SF106	5217/6A	01-10-2018	01-09-2019
Communication test set	R&S	CMW500	104466	02-05-2018	02-04-2019
High-pass filter	Sinoscite	FL3CX03WG18 NM12-0398- 002	---	01-10-2018	01-09-2019
High-pass filter	MICRO- TRONICS	SPA-F-63029-4	---	01-10-2018	01-09-2019
band rejection filter	Sinoscite	FL5CX01CA09 CL12-0395-001	---	01-10-2018	01-09-2019
band rejection filter	Sinoscite	FL5CX01CA08 CL12-0393-001	---	01-10-2018	01-09-2019
band rejection filter	Sinoscite	FL5CX02CA04 CL12-0396-002	---	01-10-2018	01-09-2019
band rejection filter	Sinoscite	FL5CX02CA03 CL12-0394-001	---	01-10-2018	01-09-2019

8 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15E	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
3	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01	Guidelines for compliance testing of unlicensed national information infrastructure (U-NII) device part 15, subpart E
4	KDB 662911 D01 Multiple Transmitter Output v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band

Test Results List:

Test Requirement	Test method	Test item	Verdict	Note
Part15E Section 15.407 (a)(1)(2)(4)(h)(1)	KDB789033 / KDB 662911	Duty Cycle	PASS	Appendix A)
Part15E Section 15.407 (a)(1)(2)	KDB789033	Emission Bandwidth and Occupied Bandwidth	PASS	Appendix B)
Part15E Section 15.407 (a)(1)(2)(4)(h)(1)	KDB789033 / KDB 662911	Conducted Output Power and transmit power control mechanism	PASS	Appendix C)
Part15E Section 15.407 (a)(1)(2)(5)	KDB789033 / KDB 662911	Power Spectral Density	PASS	Appendix D)
Part15E Section 15.407 (b)(1)to(6)	KDB789033 / KDB 662911	Band Edge Measurements	PASS	Appendix E)
Part15E Section 15.407 (g)	KDB789033	Frequency stability	PASS	Appendix F)
Part15C Section 15.203	ANSI C63.10	Antenna Requirement	PASS	Appendix G)
Part15E Section 15.407 (c)	Section 15.407	Operation in the absence of information to the transmit	PASS	Appendix H)
Part15E Section 15.407 (b)(6)	ANSI C63.10	AC Power Line Conducted Emission	PASS	Appendix I)
Part15E Section 15.407 (b)(6)(7)(8)	KDB789033	Restricted bands around fundamental frequency (Radiated Emission)	PASS	Appendix J)
Part15E Section 15.407 (b)(6)(7)(8)	KDB789033	Unwanted Emissions in the Restricted Bands	PASS	Appendix K)
Part15E Section 15.407 (b)(1)(2)(3)(5)	KDB789033	Unwanted Emissions that fall Outside of the Restricted Bands	PASS	Appendix L)

Appendix A): Duty Cycle

Duty Cycle Table

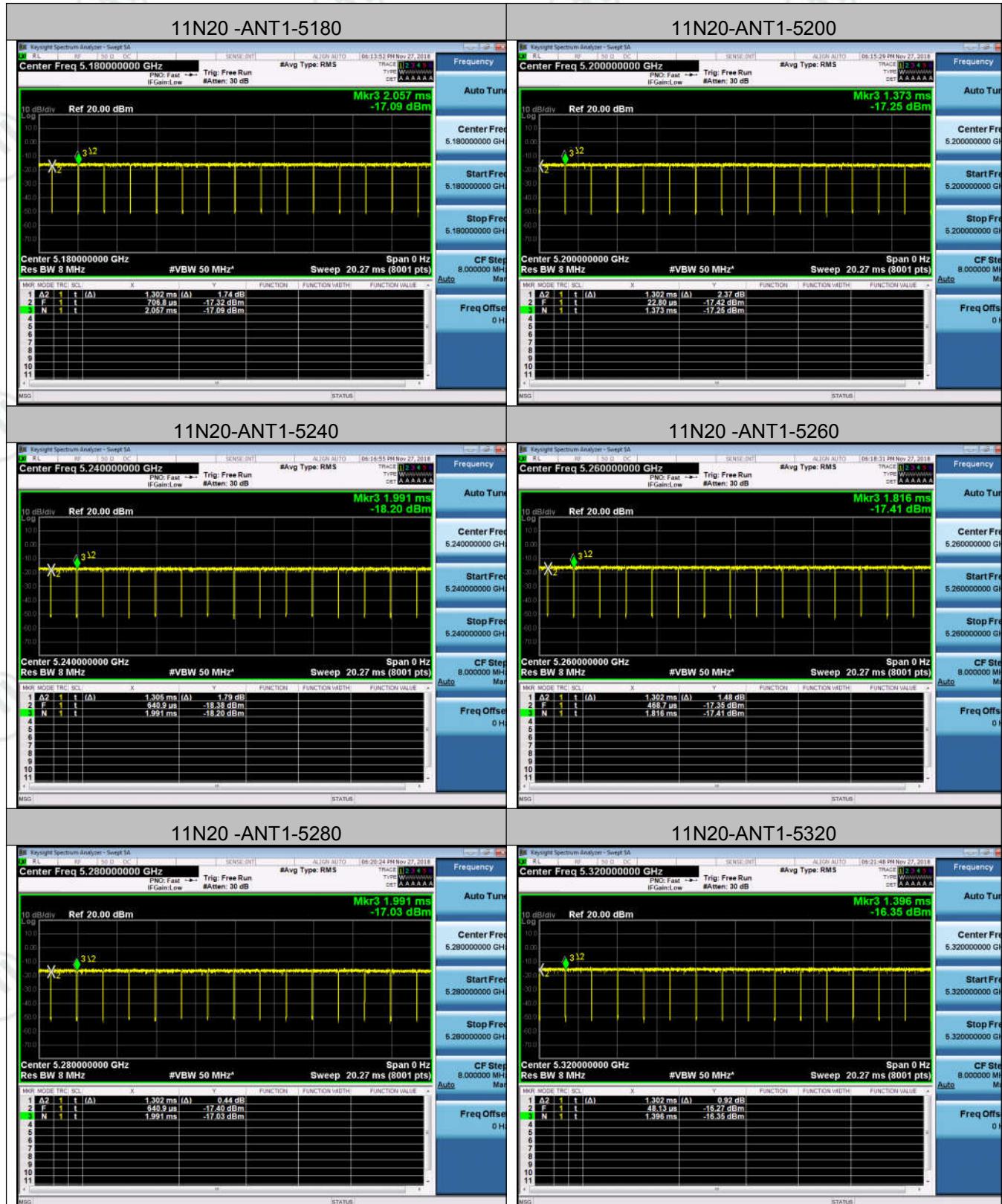
Test Mode	Channel	Duty Cycle[%]	Verdict
11A	5180	96.83	PASS
11A	5200	96.83	PASS
11A	5240	96.83	PASS
11A	5260	96.65	PASS
11A	5280	96.83	PASS
11A	5320	96.65	PASS
11A	5500	96.83	PASS
11A	5580	96.65	PASS
11A	5700	96.83	PASS
11A	5745	96.83	PASS
11A	5785	96.83	PASS
11A	5825	96.65	PASS
11N20SISO	5180	96.44	PASS
11N20SISO	5200	96.44	PASS
11N20SISO	5240	96.62	PASS
11N20SISO	5260	96.62	PASS
11N20SISO	5280	96.44	PASS
11N20SISO	5320	96.62	PASS
11N20SISO	5500	96.44	PASS
11N20SISO	5580	96.62	PASS
11N20SISO	5700	96.62	PASS
11N20SISO	5745	96.62	PASS
11N20SISO	5785	96.44	PASS
11N20SISO	5825	96.44	PASS
11N40SISO	5190	93.38	PASS
11N40SISO	5230	93.38	PASS
11N40SISO	5270	93.38	PASS
11N40SISO	5310	93.38	PASS
11N40SISO	5510	93.38	PASS

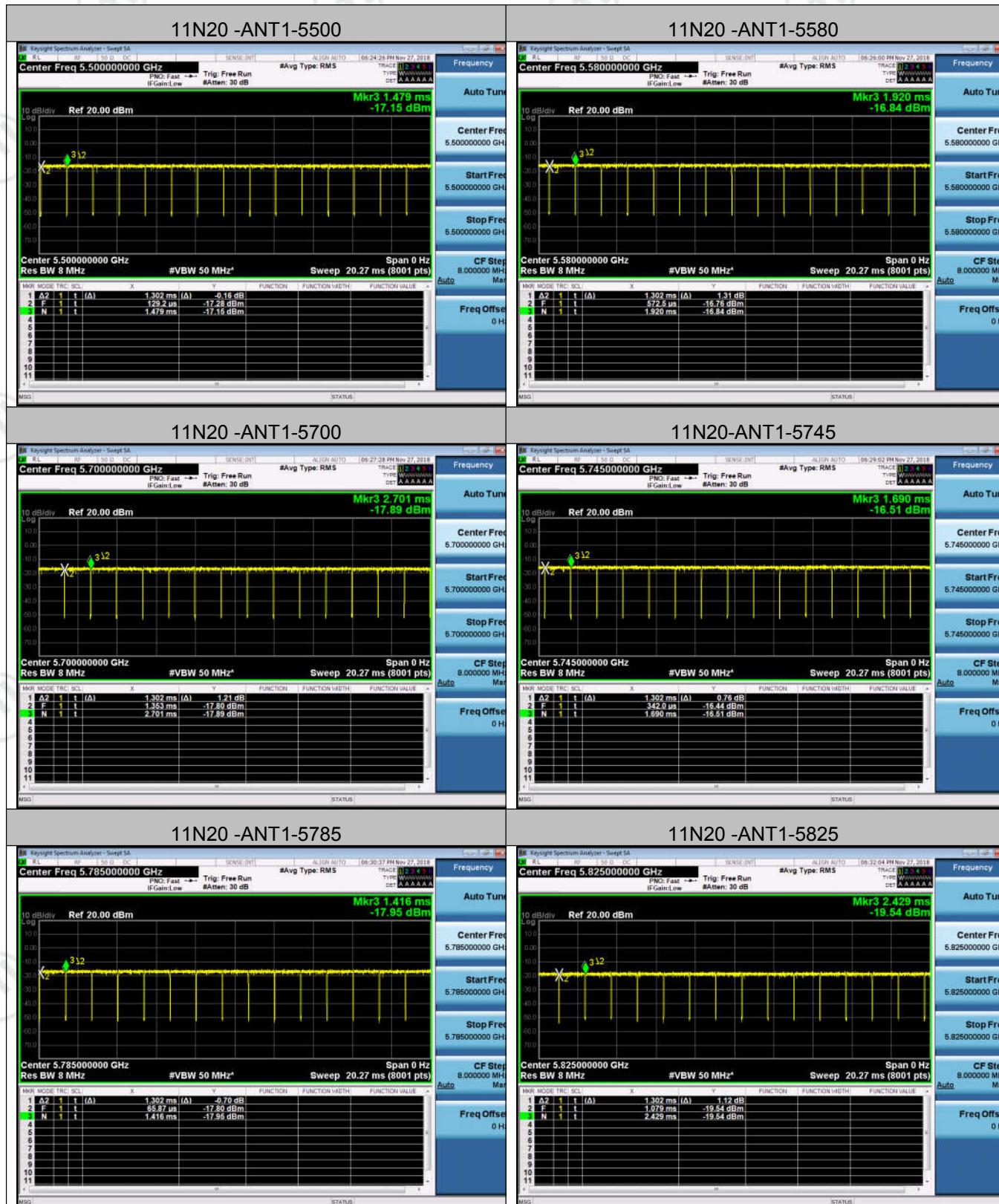
11N40SISO	5550	93.01	PASS
11N40SISO	5670	93.38	PASS
11N40SISO	5755	93.01	PASS
11N40SISO	5795	93.38	PASS
11AC20SISO	5180	96.46	PASS
11AC20SISO	5200	96.46	PASS
11AC20SISO	5240	96.64	PASS
11AC20SISO	5260	96.64	PASS
11AC20SISO	5280	96.64	PASS
11AC20SISO	5320	96.64	PASS
11AC20SISO	5500	96.46	PASS
11AC20SISO	5580	96.64	PASS
11AC20SISO	5700	96.64	PASS
11AC20SISO	5745	96.46	PASS
11AC20SISO	5785	96.64	PASS
11AC20SISO	5825	96.64	PASS
11AC40SISO	5190	93.45	PASS
11AC40SISO	5230	93.12	PASS
11AC40SISO	5270	93.45	PASS
11AC40SISO	5310	93.45	PASS
11AC40SISO	5510	93.12	PASS
11AC40SISO	5550	93.12	PASS
11AC40SISO	5670	93.45	PASS
11AC40SISO	5755	93.12	PASS
11AC40SISO	5795	93.45	PASS
11AC80SISO	5210	88.19	PASS
11AC80SISO	5290	86.9	PASS
11AC80SISO	5530	87.5	PASS
11AC80SISO	5775	87.59	PASS

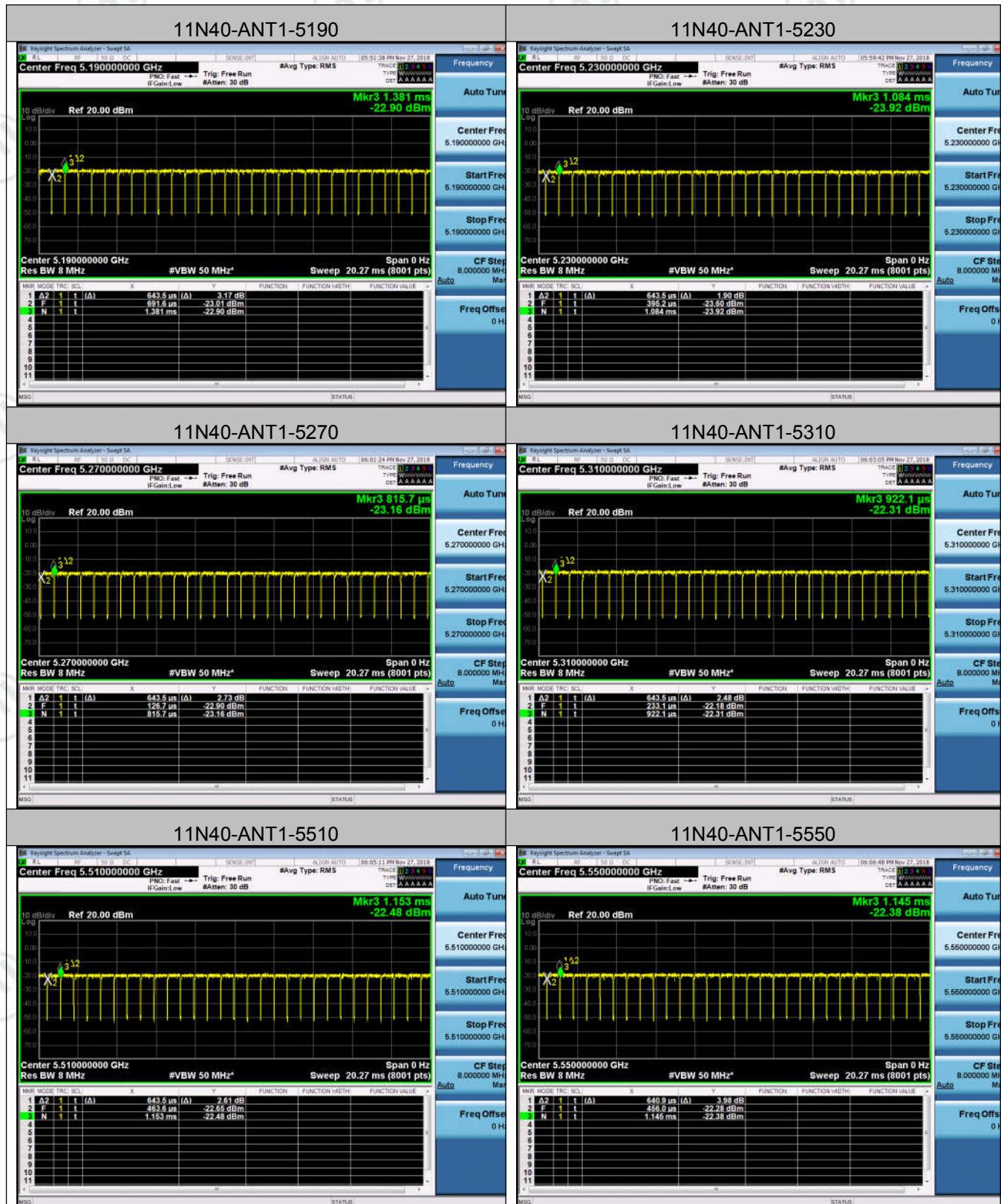
Duty Cycle Test Graph

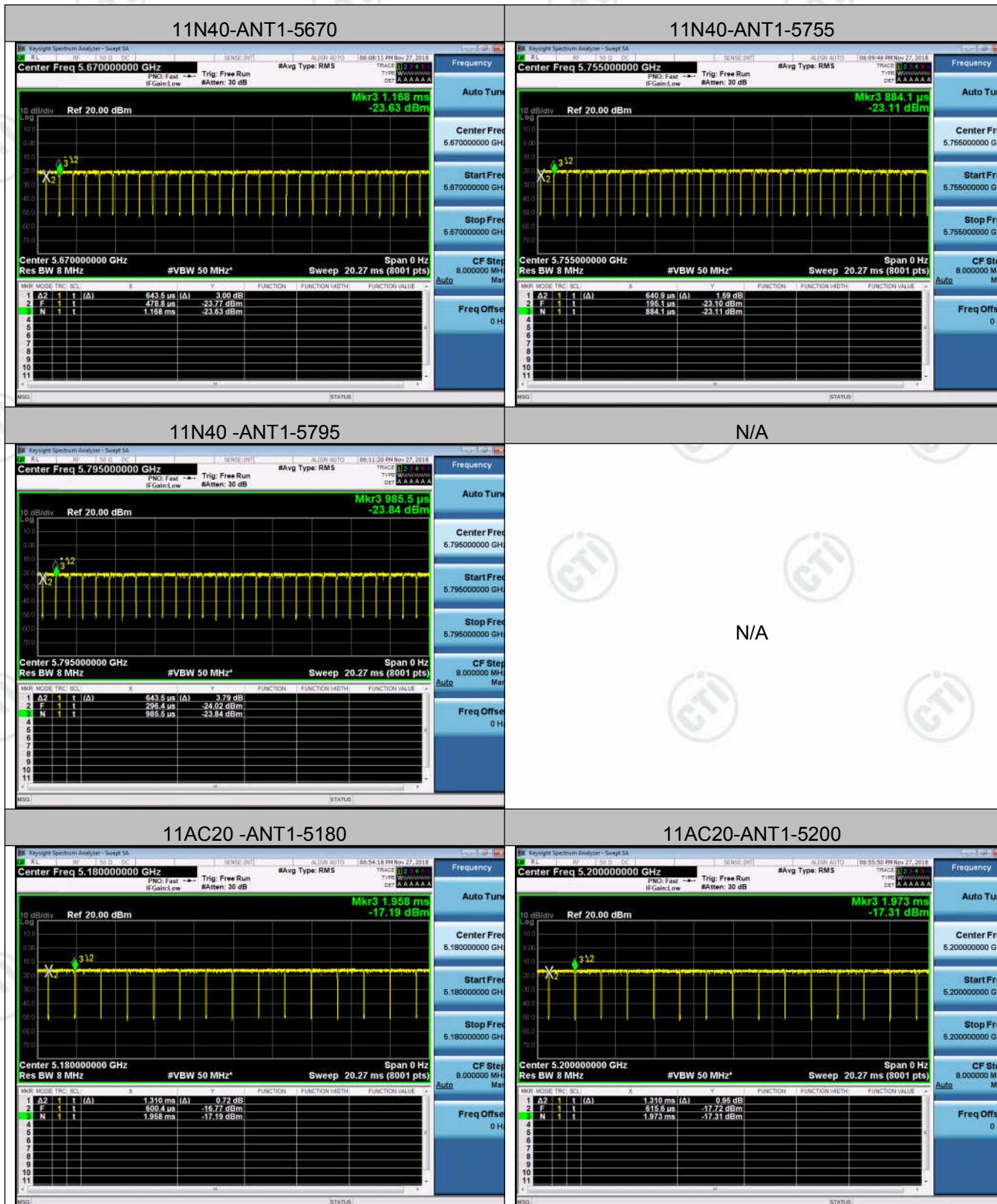


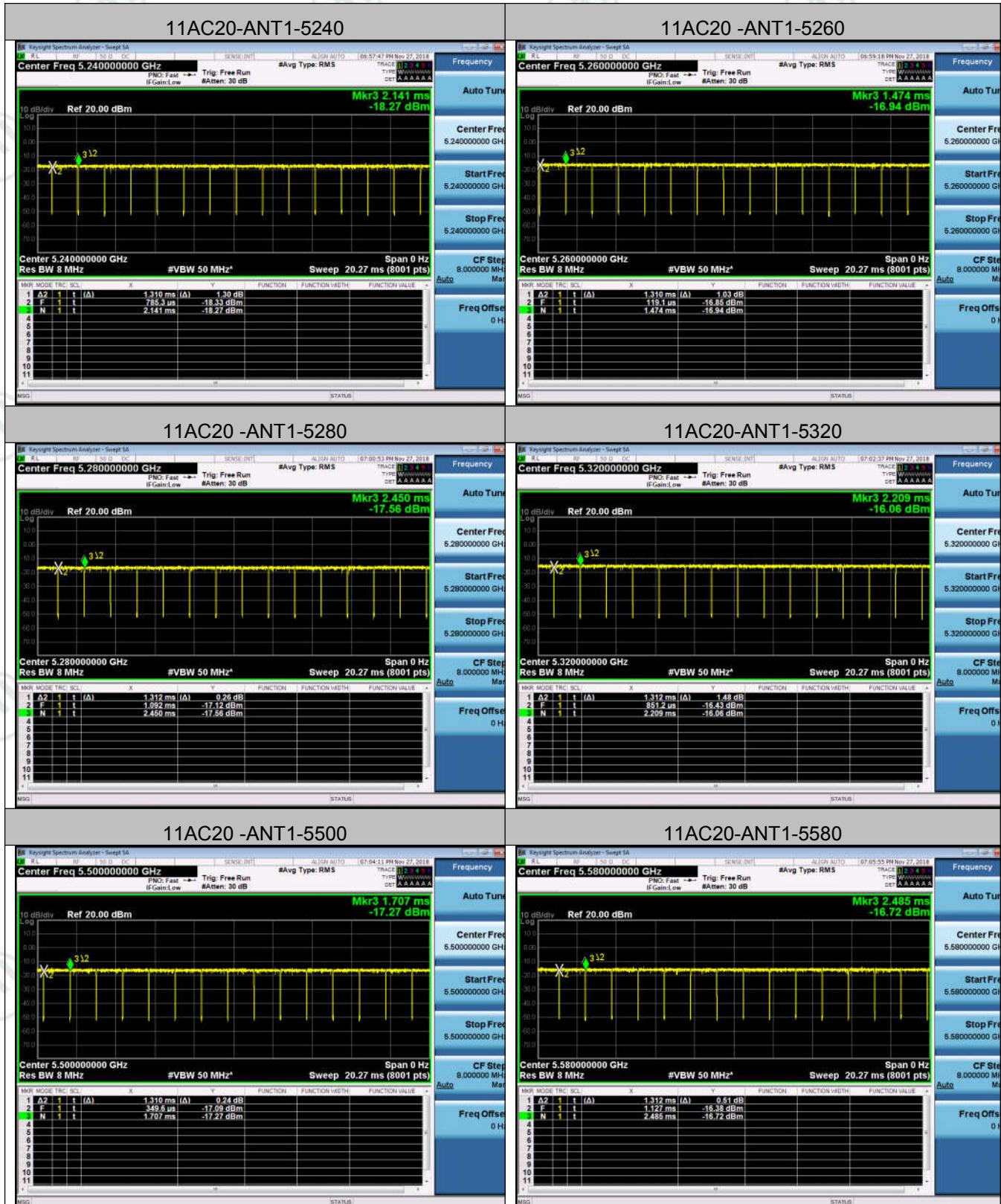


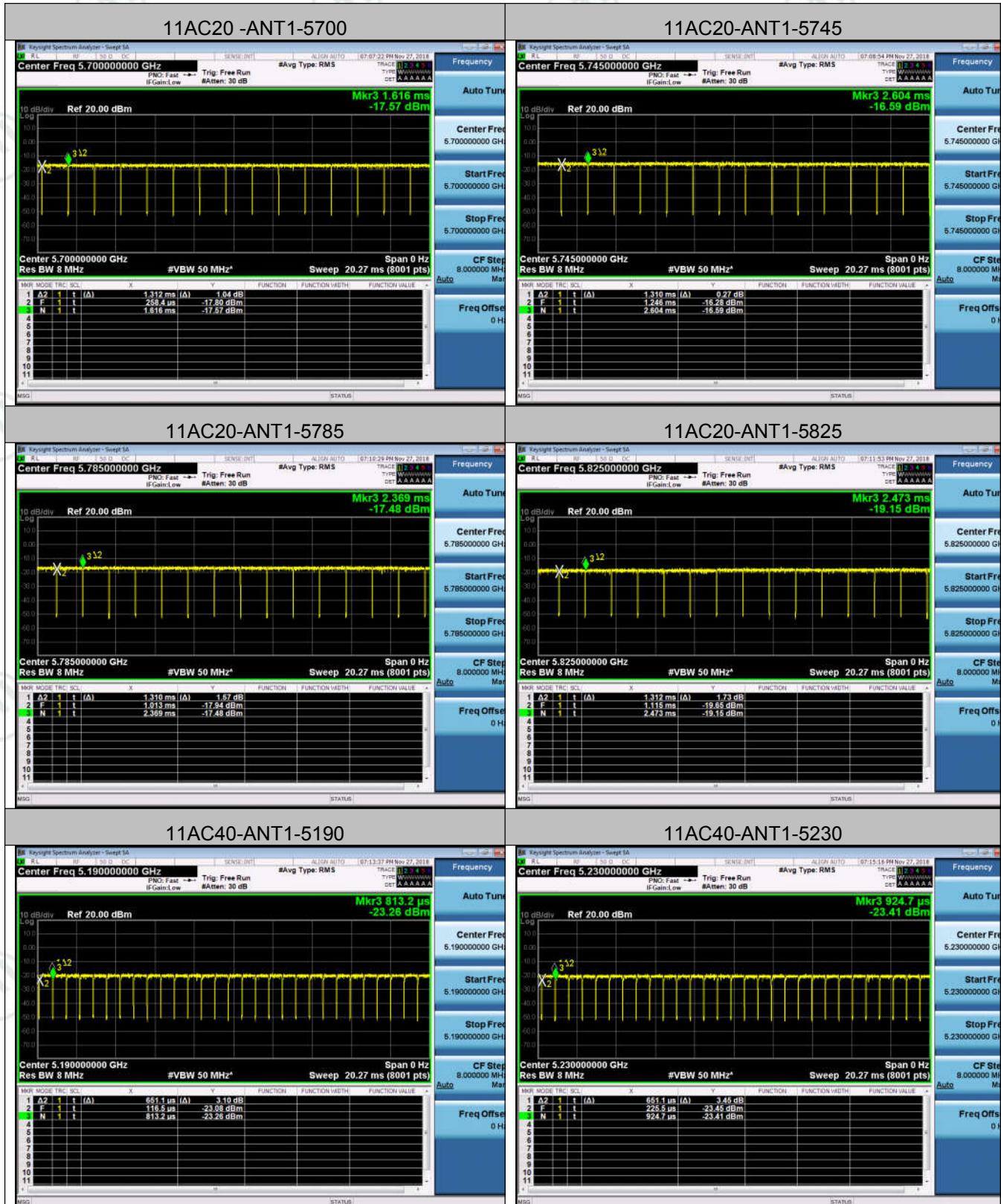


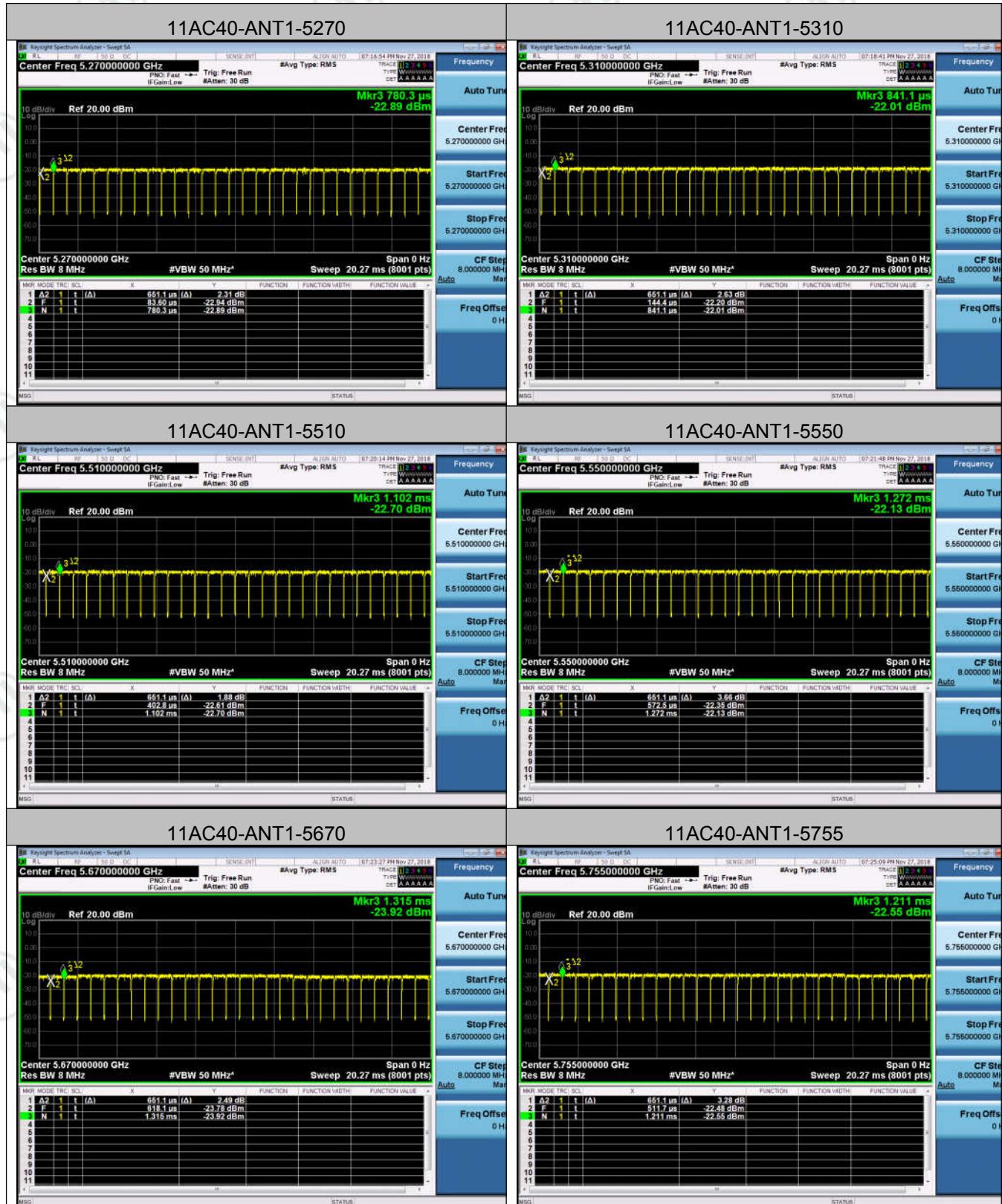


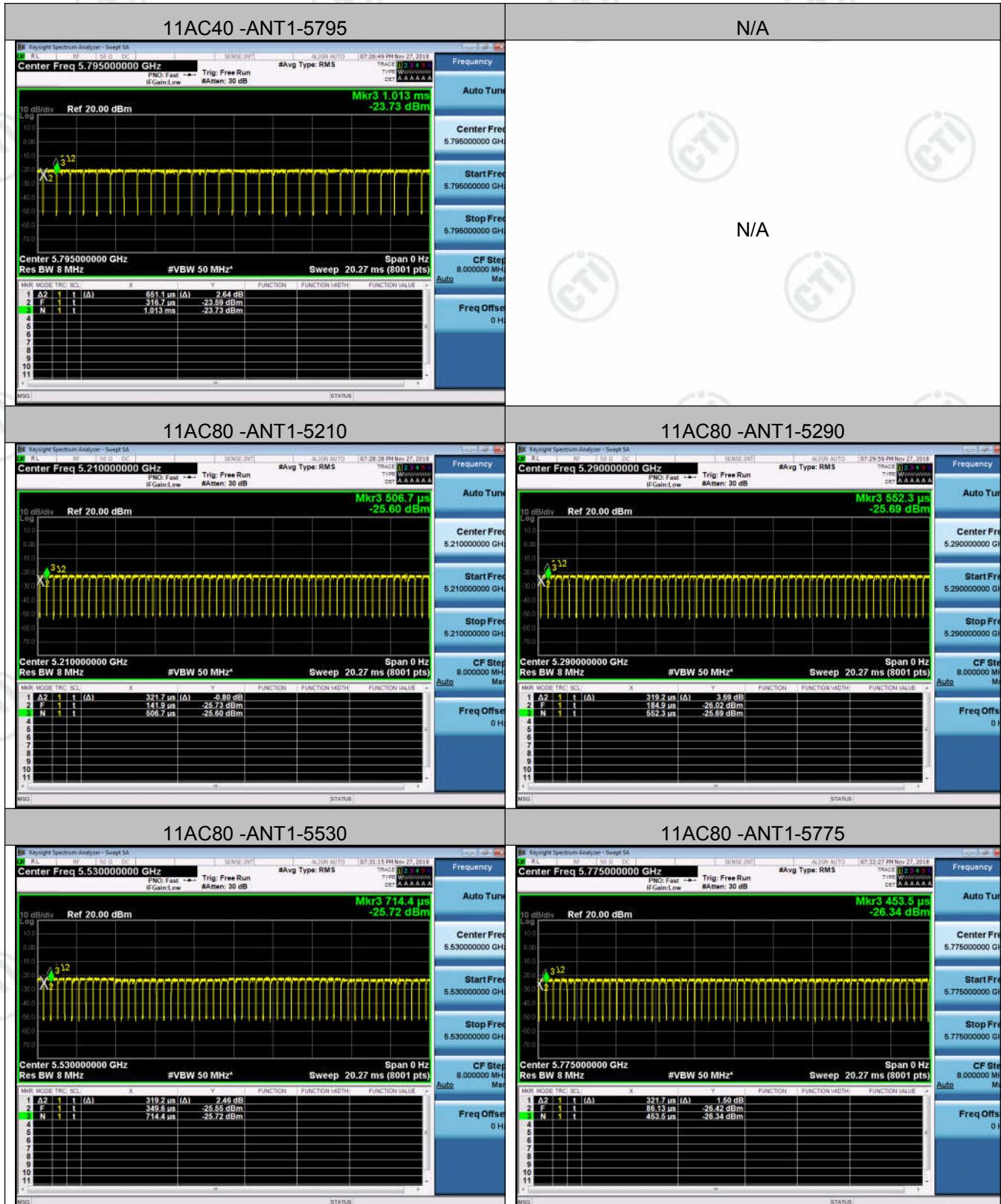












Appendix B): Emission Bandwidth

Result Table

Test Mode	Antenna	Channel	EBW[MHz]	OBW[MHz]	Verdict
11A	Ant1	5180	24.53	16.744	PASS
11A	Ant1	5200	20.70	16.528	PASS
11A	Ant1	5240	20.85	16.532	PASS
11A	Ant1	5260	20.54	16.569	PASS
11A	Ant1	5280	20.43	16.585	PASS
11A	Ant1	5320	20.43	16.487	PASS
11A	Ant1	5500	20.88	16.523	PASS
11A	Ant1	5580	21.04	16.518	PASS
11A	Ant1	5700	21.12	16.509	PASS
11A	Ant1	5745	16.28	16.448	PASS
11A	Ant1	5785	16.36	16.419	PASS
11A	Ant1	5825	15.77	16.445	PASS
11N20SISO	Ant1	5180	20.96	17.714	PASS
11N20SISO	Ant1	5200	21.17	17.775	PASS
11N20SISO	Ant1	5240	20.89	17.740	PASS
11N20SISO	Ant1	5260	21.13	17.651	PASS
11N20SISO	Ant1	5280	20.94	17.742	PASS
11N20SISO	Ant1	5320	20.82	17.777	PASS
11N20SISO	Ant1	5500	21.21	17.701	PASS
11N20SISO	Ant1	5580	20.74	17.722	PASS
11N20SISO	Ant1	5700	21.49	17.650	PASS
11N20SISO	Ant1	5745	17.58	17.645	PASS
11N20SISO	Ant1	5785	16.38	17.619	PASS
11N20SISO	Ant1	5825	15.55	17.617	PASS
11AC20SISO	Ant1	5180	21.09	17.723	PASS
11AC20SISO	Ant1	5200	20.91	17.734	PASS
11AC20SISO	Ant1	5240	21.08	17.698	PASS
11AC20SISO	Ant1	5260	20.65	17.666	PASS
11AC20SISO	Ant1	5280	21.51	17.732	PASS

11AC20SISO	Ant1	5320	21.04	17.660	PASS
11AC20SISO	Ant1	5500	20.99	17.693	PASS
11AC20SISO	Ant1	5580	21.06	17.750	PASS
11AC20SISO	Ant1	5700	21.03	17.661	PASS
11AC20SISO	Ant1	5745	15.36	17.635	PASS
11AC20SISO	Ant1	5785	17.55	17.644	PASS
11AC20SISO	Ant1	5825	16.52	17.644	PASS
11N40SISO	Ant1	5190	39.47	36.139	PASS
11N40SISO	Ant1	5230	38.71	36.102	PASS
11N40SISO	Ant1	5270	39.21	36.052	PASS
11N40SISO	Ant1	5310	39.46	36.155	PASS
11N40SISO	Ant1	5510	38.96	36.100	PASS
11N40SISO	Ant1	5550	38.76	36.081	PASS
11N40SISO	Ant1	5670	39.61	36.189	PASS
11N40SISO	Ant1	5755	35.97	36.191	PASS
11N40SISO	Ant1	5795	35.69	36.099	PASS
11AC40SISO	Ant1	5190	39.39	36.186	PASS
11AC40SISO	Ant1	5230	39.22	36.177	PASS
11AC40SISO	Ant1	5270	38.91	36.128	PASS
11AC40SISO	Ant1	5310	39.48	36.081	PASS
11AC40SISO	Ant1	5510	38.70	36.082	PASS
11AC40SISO	Ant1	5550	39.27	36.038	PASS
11AC40SISO	Ant1	5670	39.44	36.239	PASS
11AC40SISO	Ant1	5755	36.30	36.205	PASS
11AC40SISO	Ant1	5795	35.16	36.133	PASS
Test Mode	Antenna	Channel	EBW[MHz]	OBW[MHz]	Verdict
11AC80SISO	Ant1	5210	79.65	75.374	PASS
11AC80SISO	Ant1	5290	80.10	75.466	PASS
11AC80SISO	Ant1	5530	80.24	75.490	PASS
11AC80SISO	Ant1	5775	75.07	75.416	PASS

Test Graph

