FCC CERTIFICATION TEST REPORT

Applicant:	Guangzhou Shirui Electronics Co., Ltd
Address:	192 Kezhu Road, Scientech Park, guangzhou Economic Technology Development District, Guangzhou, China
Manufacturer:	Guangzhou Shirui Electronics Co., Ltd
Address:	192 Kezhu Road, Scientech Park, guangzhou Economic Technology Development District, Guangzhou, China
Product Description:	ePaper
Brand Name:	MAXHUB
Tested Model:	SN03
FCC ID:	2AFG6-SN03
Report No.:	JCF230323201-004
Received Date:	Apr. 06. 2023
Tested Date:	Apr. 06. 2023 - May. 11. 2023
Issued Date:	May. 11. 2023
Test Standards:	FCC Rules and Regulations Part 15 Subpart C
Test Procedure:	ANSI C63.10:2013, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01
Test Result:	Pass

Prepared By:

Kennys Zhang

Kennys Zhang/Engineer **Date:** May. 11. 2023

Reviewed By:

Roger Li

Roger Li/Engineer **Date:** May. 11. 2023

GUANGZHOU JINGCE TESTING TECHNOLOGY CO., LTD. JCOA

Approved By:

Talent Zhang

Talent Zhang/Engineer **Date:** May. 11. 2023

Note: The test results in this report apply exclusively to the tested model / sample. Without written approval of Guangzhou Jingce Testing Technology Co., Ltd. the test report shall not be reproduced except in full.

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May. 11. 2023	Original Report	/

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1. Test Report Declare

Applicant:	Guangzhou Shirui Electronics Co., Ltd
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Manufacturer:	Guangzhou Shirui Electronics Co., Ltd
Address:	192 Kezhu Road, Scientech Park, guangzhou Economic Technology Development District, Guangzhou, China
Product Name:	ePaper
Brand Name:	MAXHUB
Model Name	SN03
Difference Description:	N/A

We Declare:

The equipment described above is tested by Guangzhou Jingce Testing Technology Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangzhou Jingce Testing Technology Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

2. Summary of test results

The EUT have been tested according to the applicable standards as referenced below.			
Clause	**Description of Test Item**	**Standard**	**Verdict**
1	6/26db Bandwidth	FCC 15.407 (a)&(e)	Pass
3	Maximum Conducted Output Power	FCC 15.407 (a)	Pass
4	Power Spectral Density	FCC 15.407 (a)	Pass
5	Frequency Stability Measurement	FCC 15.407 (g)	Pass
6	Radiated Band edge and Spurious Emission	FCC 15.407 (b) FCC 15.209 FCC 15.205	Pass
7	Power Line Conducted Emission	FCC 15.207	Pass
8	Antenna requirement	FCC 15.203	Pass
9	Dynamic Frequency Selection	FCC 15.407 (h)	Pass

3. Test Laboratory

Guangzhou Jingce Testing Technology Co., Ltd.

Add.: No.192, Kezhu Road, Huangpu District, Guangzhou, Guangdong, China

Association for Laboratory Accreditation(A2LA). Certificate Number: 6594.01

FCC Designation Number:CN1331. Test Firm Registration Number: 360543

IC Test Firm Registration Number: 28796

Conformity Assessment Body identifier: CN0138

4. Equipment Under Test

4.1. Description of EUT

EUT Name:	ePaper
Model Number:	SN03
EUT Function Description:	Please reference user's manual
Power Supply:	5V⎓ 1.5A
Radio Specification:	IEEE 802.11a/n/ac
Operation Frequency:	IEEE 802.11a: 5180MHz—5825MHz IEEE 802.11n HT20: 5180MHz—5825MHz IEEE 802.11n HT40: 5190MHz—5795MHz IEEE 802.11ac HT20: 5180MHz—5825MHz IEEE 802.11ac HT40: 5190MHz—5795MHz IEEE 802.11ac HT80: 5210MHz—5775MHz
Modulation:	IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac (HT20/40/80): OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Data Rate:	IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps IEEE 802.11n HT20: 7.2, 14.2, 21.7, 28.9, 43.3, 57.8, 65, 72.2 Mbps IEEE 802.11n HT40: 15, 30, 45, 60, 90, 120, 135, 150 Mbps IEEE 802.11ac HT20: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7 Mbps IEEE 802.11ac HT40: 15, 30, 45, 60, 90, 120, 135, 150, 180, 200 Mbps IEEE 802.11ac HT80: 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3 Mbps
Antenna Type:	FPC Antenna, -3.18 dBi

Note 1: EUT is the ab. of equipment under test.

Note 2: The antenna gain is declared by the customer and the laboratory is not responsible for the accuracy of the antenna gain.

4.2. Channel List

UNII-1 (For Bandwidth = 20 MHz)		UNII-1 (For Bandwidth = 40 MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	/	/
48	5240	/	/

UNII-1 (For Bandwidth = 80 MHz)	
Channel	Frequency (MHz)
42	5210

UNII-2A (For Bandwidth = 20 MHz)		UNII-2A (For Bandwidth = 40 MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270

56	5280	62	5310
60	5300	/	/
64	5320	/	/

UNII-2A (For Bandwidth = 80 MHz)	
Channel	Frequency (MHz)
58	5290

UNII-2C (For Bandwidth = 20 MHz)		UNII-2C (For Bandwidth = 40 MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510
104	5520	110	5550
108	5540	118	5590
112	5560	126	5630
116	5580	134	5670
120	5600	142	5710
124	5620	/	/
128	5640	/	/
132	5660	/	/
136	5680	/	/
140	5700	/	/
144	5720	/	/

UNII-2C (For Bandwidth = 80 MHz)	
Channel	Frequency (MHz)
106	5530
122	5610
138	5690

UNII-3 (For Bandwidth = 20 MHz)		UNII-3 (For Bandwidth = 40 MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755
153	5765	159	5795
157	5785	/	/
161	5805	/	/

165	5825	/	/
UNII-3 (For Bandwidth = 80 MHz)			
Channel		Frequency (MHz)	
155		5775	

4.3. Test Channel Configuration

Mode	Data rate (Mbps) (see Note)	Test Channel and Frequency
802.11a TX Mode	6	CH36, 5180
	6	CH44, 5220
	6	CH48, 5240
	6	CH52, 5260
	6	CH60, 5300
	6	CH64, 5320
	6	CH100, 5500
	6	CH116, 5580
	6	CH140, 5700
	6	CH149, 5745
	6	CH157, 5785
	6	CH165, 5825
802.11n HT20 TX Mode	MCS 0	CH36, 5180
	MCS 0	CH44, 5220
	MCS 0	CH48, 5240
	MCS 0	CH52, 5260
	MCS 0	CH60, 5300
	MCS 0	CH64, 5320
	MCS 0	CH100, 5500
	MCS 0	CH116, 5580
	MCS 0	CH140, 5700
	MCS 0	CH149, 5745
	MCS 0	CH157, 5785
	MCS 0	CH165, 5825
802.11n HT40 TX Mode	MCS 0	CH38, 5190
	MCS 0	CH46, 5230
	MCS 0	CH54, 5270
	MCS 0	CH62, 5310
	MCS 0	CH102, 5510
	MCS 0	CH110, 5550
	MCS 0	CH134, 5670
	MCS 0	CH151, 5755
	MCS 0	CH159, 5795
802.11ac HT20 TX Mode	MCS 0	CH36, 5180
	MCS 0	CH44, 5220
	MCS 0	CH48, 5240
	MCS 0	CH52, 5260
	MCS 0	CH60, 5300
	MCS 0	CH64, 5320
	MCS 0	CH100, 5500
	MCS 0	CH116, 5580
	MCS 0	CH140, 5700
	MCS 0	CH149, 5745
	MCS 0	CH157, 5785
	MCS 0	CH165, 5825
802.11ac HT40 TX Mode	MCS 0	CH38, 5190
	MCS 0	CH46, 5230
	MCS 0	CH54, 5270
	MCS 0	CH62, 5310
	MCS 0	CH102, 5510
	MCS 0	CH110, 5550
	MCS 0	CH134, 5670
	MCS 0	CH151, 5755
	MCS 0	CH159, 5795
802.11ac HT80 TX Mode	MCS 0	CH42, 5210
	MCS 0	CH58, 5290
	MCS 0	CH106, 5530

	MCS 0	CH122, 5610
	MCS 0	CH155, 5775
RX Mode	MCS 0	/

4.4. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

	Normal Conditions	Extreme Conditions
Temperature range	21-25 ℃	0 ℃ to +40 ℃
Humidity range	40-75%	N/A
Pressure range	86-106 kPa	N/A
Power supply	5V⎓ 1.5A	N/A
Note: The Extreme temperature range and extreme voltages are declared by the manufacturer.		

4.5. The Worse Case Power Setting Parameter

The Worse Case Power Setting Parameter			
Test Software	N/A		
Mode	Rate	Channel	Soft set value
			Ant1
11a	6 MHz	36	11.5
		44	11.5
		48	11.5
		52	11.5
		60	11.5
		64	11.5
		100	9
		116	9
		140	9
		149	11
		157	11
		165	11
11n20	MCS 0	36	11.5
		44	11.5
		48	11.5
		52	11.5
		60	11.5
		64	11.5
		100	9
		116	9
		140	9
		149	11
		157	11
		165	11
11n40	MCS 0	38	11.5
		46	11.5
		54	11.5
		62	11.5
		102	9
		110	9
		134	9
		151	11
		159	11
11ac20	MCS 0	36	11.5
		44	11.5
		48	11.5
		52	11.5

		60	11.5
		64	11.5
		100	9
		116	9
		140	9
		149	11
		157	11
		165	11
11ac40	MCS 0	38	11.5
		46	11.5
		54	11.5
		62	11.5
		102	9
		110	9
		134	9
		151	11
		159	11
11ac80	MCS 0	42	11.5
		58	11.5
		106	9
		122	9
		155	11

4.6. Description of Available Antennas

Test Mode	Transmit and Receive Mode	Description
802.11a	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
802.11n HT20	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
802.11n HT40	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
802.11ac HT20	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
802.11ac HT40	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
802.11ac HT80	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.

5. Description of Test Setup

5.1. Accessory

Description of Accessories	Manufacturer	Model Number	Description	Remark
USB-C Cable	/	/	0.8m	Shielded

5.2. Support Equipment

Equipment	Brand Name	Model Name	P/N
PC	Lenovo	T480	/
Adapter	HUAWEI	HW-200325CP0	/

5.3. Test Setup

The EUT can work in Fixed Frequency mode.

5.4. Setup Diagram for Tests

6. Measurement uncertainty

Test Item	Uncertainty
AC Power Conduction emission	1.37 dB
All Radiated emissions	5.4dB
Conducted emissions	3.09 dB
Occupied Channel Bandwidth	1.1%
Conducted Output power	0.82dB
Power Spectral Density	0.82dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k = 2.	

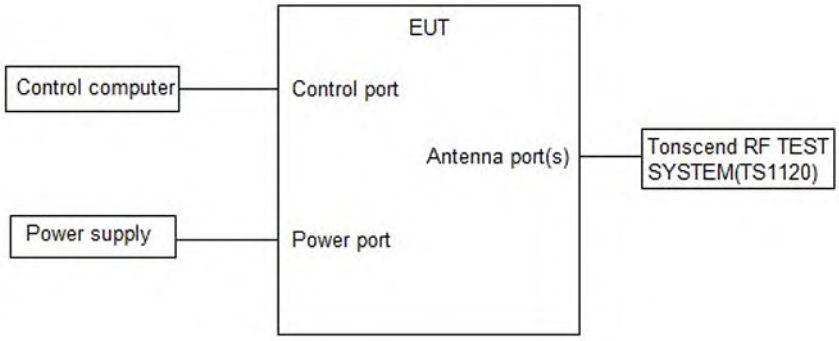
7. Measuring Instrument and Software Used

TS Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☼	Spectrum Analyzer	Keysight	N9030B	MY56320512	Jul. 25, 2022	Jul. 24, 2023
☼	Vector Signal Generator	Keysight	N5182B	MY57300334	Nov. 24, 2022	Nov. 23, 2023
☼	Signal Generator	Keysight	N5171B	MY57280639	Nov. 24, 2022	Nov. 23, 2023
☼	DC POWER	Keysight	E342A	MY59020356	Jul. 25, 2022	Jul. 24, 2023
☼	Incubator thermometer	GWS	EL-02JA	21107288	Nov. 03, 2022	Nov. 02, 2023
☼	Control unit(Power sensor)	Tonscend	JS0806-2	/	Jul. 25, 2022	Jul. 24, 2023
☼	Spectrum Analyzer	Keysight	N9020B	MY60112206	Nov. 24, 2022	Nov. 23, 2023
☼	Control unit(Power sensor)	Tonscend	JS0806-2	21H8060465	Nov. 25, 2022	Nov. 24, 2023
Software						
Used	Description	Manufacturer	Name		Version	
☼	Test software	TS+	JS1120-3		V3.2.11	
RSE Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☼	EMI Receiver	R&S	ESW	101685	Jul. 24, 2022	Jul. 23, 2023
☼	Bilog Antenna	Schwarzbeck	VULB 9163	01361	Aug. 05, 2022	Aug. 04, 2023
☼	Horn Antenna 1	Schwarzbeck	BBHA 9120 D	02411	May. 30, 2022	May. 29, 2023
☼	Horn Antenna 2	ETS	3116C	00217677	Sep. 19, 2022	Sep. 18, 2023
☼	Signal Pre-Amplifier	Tonscend	TAP01018050	AP21C806122	Aug. 08, 2022	Aug. 07, 2023
☼	Signal Pre-Amplifier	Tonscend	TAP9K3G32	AP20K806104	Aug. 08, 2022	Aug. 07, 2023
☼	Signal Pre-Amplifier	ETS	3116C-PA	00217677	Sep. 02, 2022	Sep. 01, 2023
☼	Wideband radio communication tester	R&S	CMW500	163478	Jul. 25, 2022	Jul. 24, 2023
☼	3m Fully-anechoic Chamber	ETS	RFD-100	/	Apr. 24, 2021	Apr. 23, 2024

Software						
Used	Description	Manufacturer	Name		Version	
☼	Test software	TS+	TS+		V3.0.0.4	
Conducted Emission Test For AC Power Port						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☼	LISN	R&S	ENV216	102154	Jul. 24, 2022	Jul. 23, 2023
☼	EMI Receiver	R&S	ESR3	102509	Jul. 24, 2022	Jul. 23, 2023
Software						
Used	Description	Manufacturer	Name		Version	
☼	Test software	EZ	EZ-EMC		EMEC-3A1	
Other Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☼	Temperature & Humidity	Temperature	HTC-1	/	Nov. 25, 2022	Nov. 24, 2023

8. Duty Cycle

8.1. Block diagram of test setup



8.2. Limits

None; for reporting purposes only.

8.3. Procedure

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.B.

The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ EBW if possible; otherwise,

set RBW to the largest available value. Set VBW ≥ RBW.

Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

8.4. Results

Test Mode	Ant.	Freq. (MHz)	Transmission Duration (ms)	Transmission Period (ms)	Duty Cycle (%)
11A	Ant1	5180	1.39	1.44	96.53
		5220	1.39	1.44	96.53
		5240	1.39	1.43	97.20
		5260	1.39	1.44	96.53
		5300	1.39	1.43	97.20
		5320	1.39	1.44	96.53
		5500	1.39	1.44	96.53
		5580	1.40	1.44	97.22
		5700	1.39	1.44	96.53
		5745	1.39	1.44	96.53
		5785	1.39	1.43	97.20
		5825	1.39	1.44	96.53
11N20SISO	Ant1	5180	1.30	1.35	96.30
		5220	1.30	1.34	97.01
		5240	1.30	1.35	96.30
		5260	1.30	1.35	96.30
		5300	1.30	1.35	96.30
		5320	1.30	1.34	97.01
		5500	1.30	1.35	96.30
		5580	1.30	1.35	96.30
		5700	1.30	1.34	97.01
		5745	1.30	1.35	96.30
		5785	1.30	1.34	97.01
		5825	1.30	1.34	97.01

11N40SISO	Ant1	5190	0.65	0.69	94.20
		5230	0.65	0.69	94.20
		5270	0.65	0.69	94.20
		5310	0.64	0.69	92.75
		5510	0.65	0.69	94.20
		5550	0.65	0.69	94.20
		5670	0.64	0.69	92.75
		5755	0.64	0.69	92.75
		5795	0.64	0.69	92.75
11AC20SISO	Ant1	5180	1.31	1.36	96.32
		5220	1.31	1.36	96.32
		5240	1.31	1.36	96.32
		5260	1.31	1.35	97.04
		5300	1.31	1.36	96.32
		5320	1.31	1.36	96.32
		5500	1.31	1.35	97.04
		5580	1.31	1.35	97.04
		5700	1.31	1.36	96.32
		5745	1.31	1.35	97.04
		5785	1.31	1.35	97.04
		5825	1.31	1.35	97.04
11AC40SISO	Ant1	5190	0.65	0.70	92.86
		5230	0.65	0.69	94.20
		5270	0.65	0.69	94.20
		5310	0.65	0.70	92.86
		5510	0.65	0.70	92.86
		5550	0.65	0.69	94.20
		5670	0.65	0.69	94.20
		5755	0.65	0.70	92.86
		5795	0.65	0.70	92.86
11AC80SISO	Ant1	5210	0.33	0.37	89.19
		5290	0.32	0.37	86.49
		5530	0.32	0.37	86.49
		5610	0.32	0.36	88.89
		5775	0.32	0.37	86.49

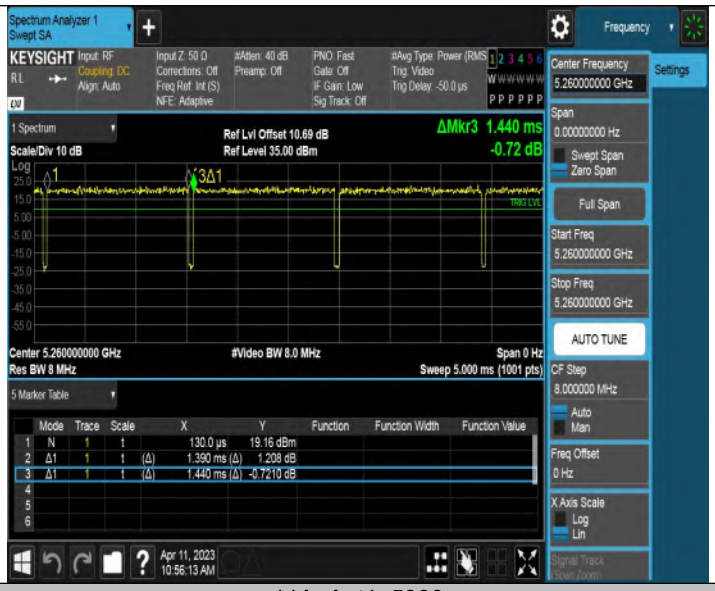
8.5. Original test data

11A_Ant1_5180

11A_Ant1_5220

11A_Ant1_5240

11A_Ant1_5260



11A_Ant1_5300

11A_Ant1_5320

11A_Ant1_5500

11A_Ant1_5580

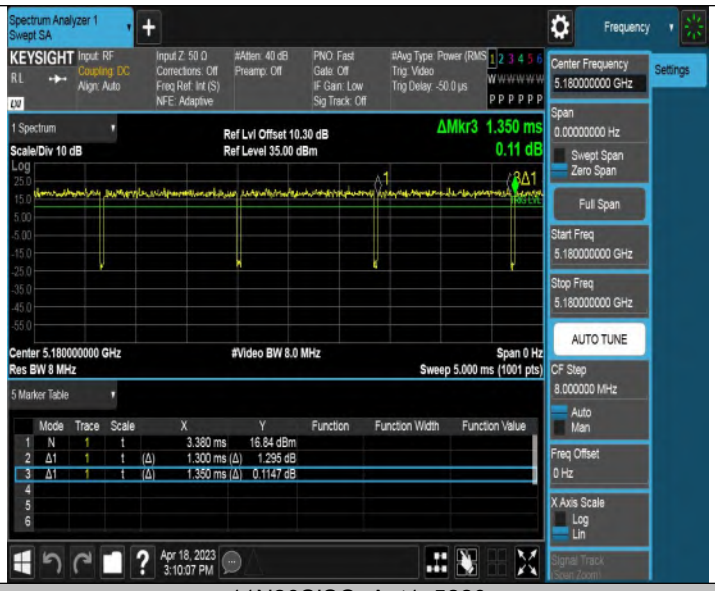
11A_Ant1_5700

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5180



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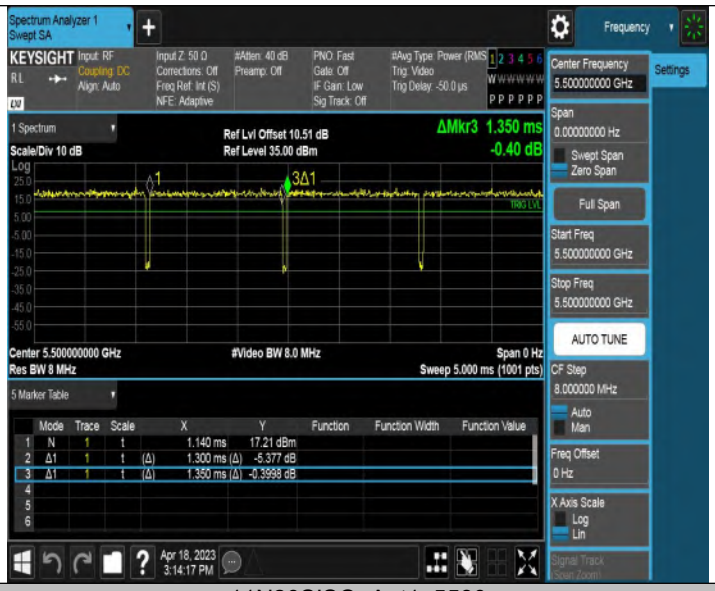
11N20SISO_Ant1_5500



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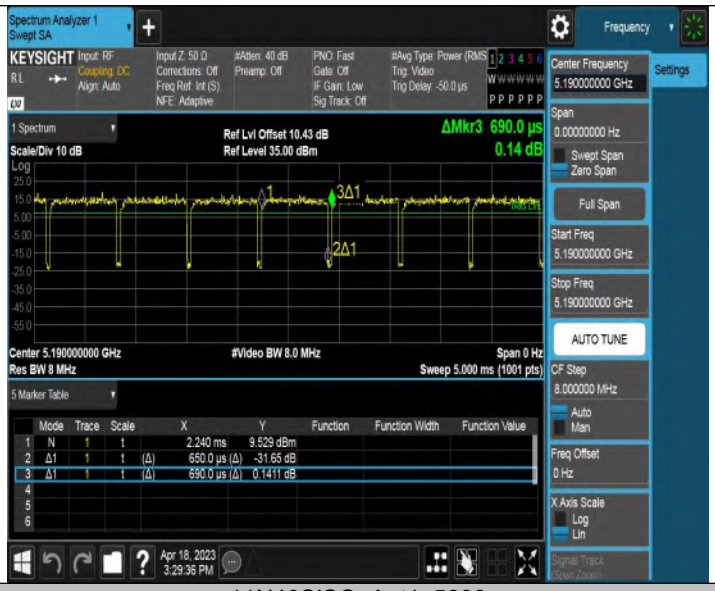
11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5190



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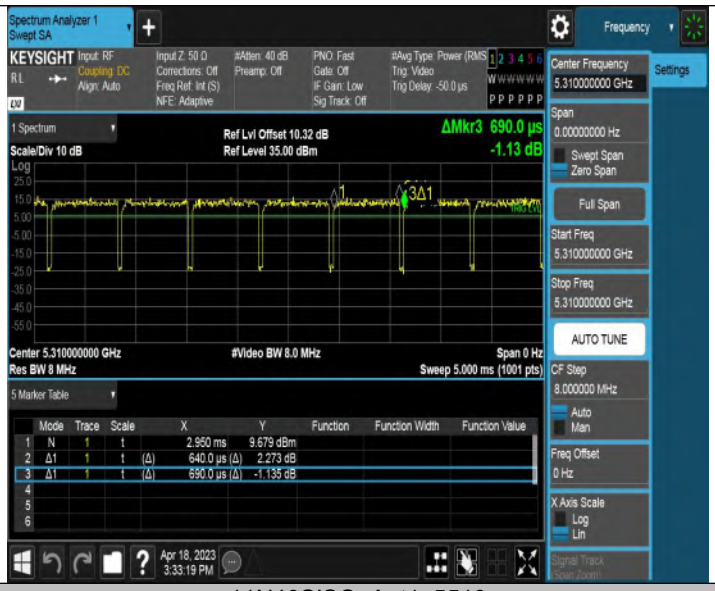
11N40SISO_Ant1_5310



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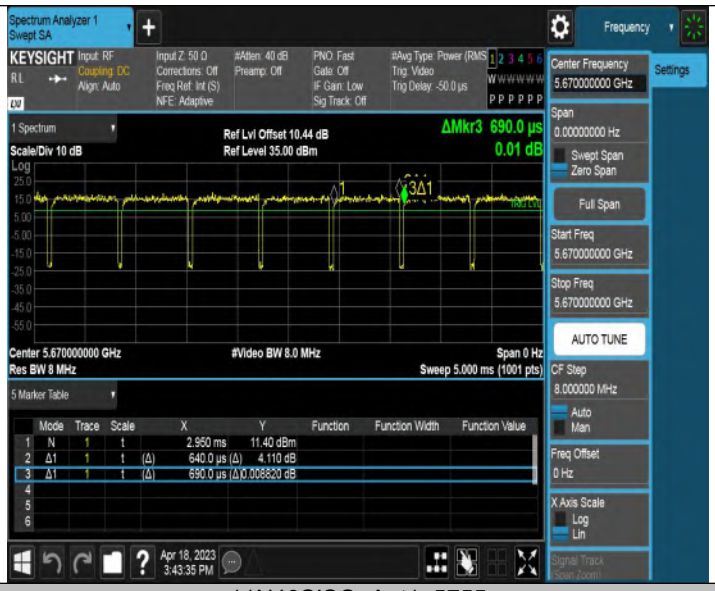

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11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5300

11AC20SISO_Ant1_5320

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11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825

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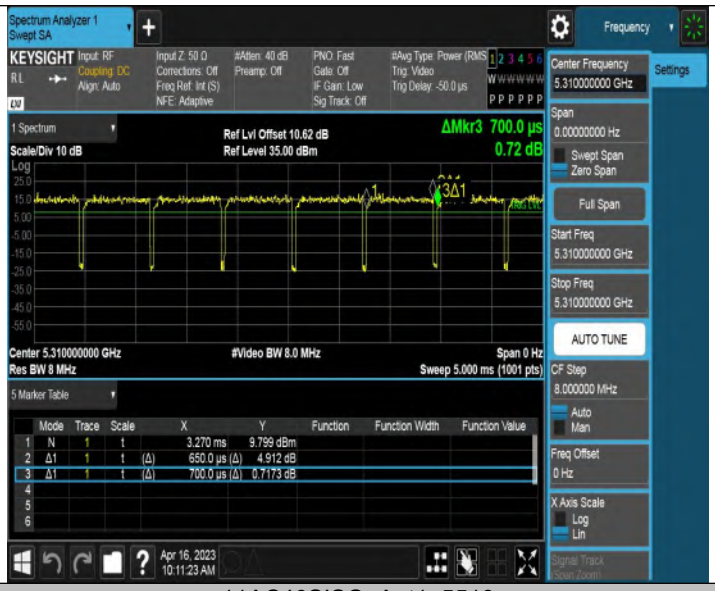

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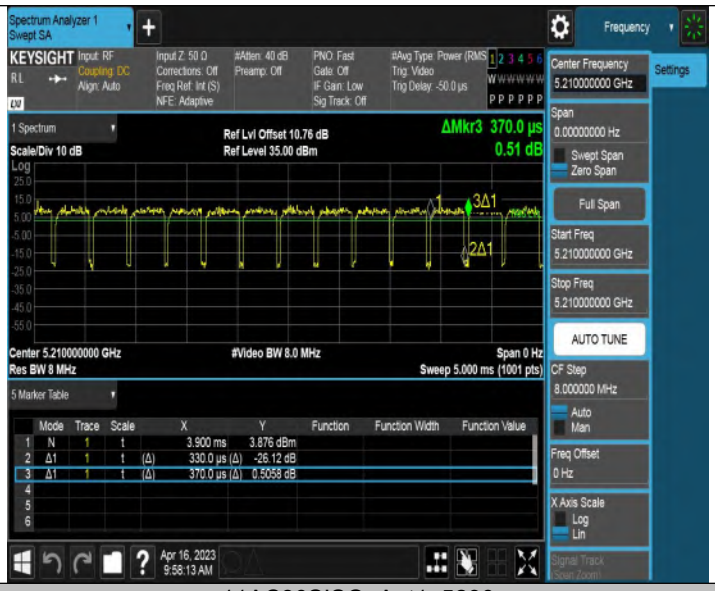
11AC40SISO_Ant1_5755

11AC40SISO_Ant1_5795

11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290

11AC80SISO_Ant1_5530

11AC80SISO_Ant1_5610

11AC80SISO_Ant1_5775

9. 26dB Bandwidth, 6dB Bandwidth and 99% Bandwidth

9.1. Block diagram of test setup

Same as section 8.1

9.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Bandwidth	26 dB Bandwidth	5150 - 5250
	26 dB Bandwidth	5250 - 5350
	26 dB Bandwidth	For FCC: 5470 - 5725
	Minimum 500 kHz 6 dB Bandwidth	5725 - 5850

9.3. Test procedure

(1) Connect EUT’s antenna output to spectrum analyzer by RF cable.

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: RBW=100 kHz For 26 dB Bandwidth: approximately 1% of the emission bandwidth.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3*RBW
Trace	Max hold
Sweep	Auto couple

(2) Allow the trace to stabilize, 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 and 6 dB relative to the maximum level measured in the fundamental emission.

9.4. Test result

Test Mode	Ant.	Freq. (MHz)	26db EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5180	20.640	5170.040	5190.680	---	---
		5220	19.880	5209.960	5229.840	---	---
		5240	19.760	5230.000	5249.760	---	---
		5260	19.520	5250.280	5269.800	---	---
		5300	19.720	5290.160	5309.880	---	---
		5320	20.440	5309.920	5330.360	---	---
		5500	22.400	5489.560	5511.960	---	---
		5580	20.960	5570.320	5591.280	---	---
		5700	19.560	5690.280	5709.840	---	---
		5745	20.120	5734.960	5755.080	---	---
		5785	20.720	5774.920	5795.640	---	---
		5825	22.520	5812.520	5835.040	---	---
11N20SISO	Ant1	5180	21.760	5168.480	5190.240	---	---
		5220	22.920	5207.160	5230.080	---	---
		5240	20.760	5230.160	5250.920	---	---
		5260	21.680	5248.320	5270.000	---	---
		5300	23.880	5288.160	5312.040	---	---
		5320	22.600	5307.360	5329.960	---	---
		5500	21.000	5489.520	5510.520	---	---
		5580	22.560	5568.720	5591.280	---	---
		5700	23.520	5687.720	5711.240	---	---
		5745	20.280	5734.840	5755.120	---	---
		5785	21.720	5773.200	5794.920	---	---
		5825	23.720	5812.480	5836.200	---	---
11N40SISO	Ant1	5190	41.440	5169.920	5211.360	---	---
		5230	67.040	5196.000	5263.040	---	---
		5270	66.240	5236.400	5302.640	---	---
		5310	40.080	5290.240	5330.320	---	---
		5510	50.320	5489.360	5539.680	---	---
		5550	45.280	5527.680	5572.960	---	---
		5670	57.040	5638.000	5695.040	---	---
		5755	58.960	5727.240	5786.200	---	---
		5795	56.480	5761.400	5817.880	---	---
11AC20SISO	Ant1	5180	20.240	5169.840	5190.080	---	---
		5220	19.840	5210.040	5229.880	---	---
		5240	20.520	5229.840	5250.360	---	---
		5260	19.960	5250.000	5269.960	---	---
		5300	24.000	5287.200	5311.200	---	---
		5320	21.440	5308.600	5330.040	---	---
		5500	20.120	5489.960	5510.080	---	---
		5580	20.680	5569.680	5590.360	---	---
		5700	21.960	5689.840	5711.800	---	---
		5745	20.440	5734.560	5755.000	---	---
		5785	20.360	5774.920	5795.280	---	---
		5825	23.600	5812.960	5836.560	---	---
11AC40SISO	Ant1	5190	39.600	5170.000	5209.600	---	---
		5230	42.560	5209.440	5252.000	---	---
		5270	46.640	5250.240	5296.880	---	---
		5310	40.800	5289.920	5330.720	---	---
		5510	40.000	5490.160	5530.160	---	---
		5550	41.760	5529.840	5571.600	---	---
		5670	40.240	5649.680	5689.920	---	---
		5755	44.320	5735.000	5779.320	---	---
		5795	40.720	5774.600	5815.320	---	---
11AC80SISO	Ant1	5210	79.840	5170.320	5250.160	---	---
		5290	104.320	5241.200	5345.520	---	---
		5530	80.160	5490.000	5570.160	---	---
		5610	104.480	5558.800	5663.280	---	---

		5775	117.440	5707.800	5825.240	---	---

Test Mode	Ant.	Freq. (MHz)	6db EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	15.320	5777.240	5792.560	0.5	PASS
		5825	12.800	5817.480	5830.280	0.5	PASS
11N20SISO	Ant1	5745	15.040	5737.520	5752.560	0.5	PASS
		5785	16.080	5776.480	5792.560	0.5	PASS
		5825	14.000	5818.480	5832.480	0.5	PASS
11N40SISO	Ant1	5755	32.560	5739.960	5772.520	0.5	PASS
		5795	32.480	5777.480	5809.960	0.5	PASS
11AC20SISO	Ant1	5745	13.760	5738.760	5752.520	0.5	PASS
		5785	13.840	5778.720	5792.560	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11AC40SISO	Ant1	5755	33.840	5737.480	5771.320	0.5	PASS
		5795	33.840	5778.680	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

9.5. Original Test Data

26dB Bandwidth:

11A_Ant1_5180

11A_Ant1_5220

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5300

11A_Ant1_5320

11A_Ant1_5500

11A_Ant1_5580

11A_Ant1_5700

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5180

11N20SISO_Ant1_5220

11N20SISO_Ant1_5240

11N20SISO_Ant1_5260

11N20SISO_Ant1_5300

11N20SISO_Ant1_5320

11N20SISO_Ant1_5500

11N20SISO_Ant1_5580

11N20SISO_Ant1_5700

11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5190

11N40SISO_Ant1_5230

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11N40SISO_Ant1_5510

11N40SISO_Ant1_5550

11N40SISO_Ant1_5670

11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5220

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5300

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5580

11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5745