

FCC AND ISCED CERTIFICATION TEST REPORT

Applicant:	ViewSonic Corporation
Address:	10 Pointe Dr. Suite 200, Brea, CA 92821, USA
Manufacturer:	ViewSonic Corporation
Address:	10 Pointe Dr. Suite 200, Brea, CA 92821, USA
Product Description:	Touch Console
Brand Name:	ViewSonic
Tested Model:	VS20835
FCC ID:	GSS-VS20835
Report No.:	JCF251013031-004
Received Date:	Oct. 13, 2025
Tested Date:	Oct. 13, 2025 ~ Dec. 02, 2025
Issued Date:	Dec. 02, 2025
Test Standards:	FCC Rules and Regulations Part 15 Subpart E,
Test Procedure:	ANSI C63.10:2020, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01,
Test Result:	Pass

Prepared By:



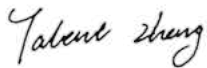
Roger Li/Engineer
Date: Dec. 02, 2025

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Date: Dec. 02, 2025

Approved By:



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Date: Dec. 02, 2025

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	/	Dec. 02, 2025	Original Report	/

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1. Test Report Declare

Applicant:	ViewSonic Corporation
Address:	10 Pointe Dr. Suite 200, Brea, CA 92821, USA
Manufacturer:	ViewSonic Corporation
Address:	10 Pointe Dr. Suite 200, Brea, CA 92821, USA
Product Name:	Touch Console
Brand Name:	ViewSonic
Model Name:	VS20835, MRC111T-XX (X=0-9, A-Z or blank)
Difference Description:	They are the same except for the model.

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 except as provided information by clients.

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
2	99% Occupied Bandwidth	---	---
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)	N/A

3. Test Laboratory

Guangzhou Jingce Testing Technology Co., Ltd.

Add.: No.10, Hefeng No.1 street, Huangpu District, Guangzhou, Guangdong, People's Republic of China

Association for Laboratory Accreditation(A2LA). Certificate Number: 6594.03

FCC Designation Number: CN1381. Test Firm Registration Number: 486550

IC Test Firm Registration Number: 31808

Conformity Assessment Body identifier: CN0173

4. Equipment Under Test

4.1. Description of EUT

EUT Name:	Touch Console
Model Number:	VS20835
EUT Function Description:	Please refer to user manual of this device
Power Supply:	52Vdc, 0.49A
Sample No.:	251013031-01-01
Hardware Version:	NA
Software Version:	NA
Radio Specification:	IEEE 802.11a/n/ac
Operation Frequency:	IEEE 802.11a: 5180MHz—5240MHz, 5745MHz—5825MHz IEEE 802.11n HT20: 5180MHz—5240MHz, 5745MHz—5825MHz IEEE 802.11n HT40: 5190MHz—5230MHz, 5755MHz—5795MHz IEEE 802.11ac VHT20: 5180MHz—5240MHz, 5745MHz—5825MHz IEEE 802.11ac VHT40: 5190MHz—5230MHz, 5755MHz—5795MHz IEEE 802.11ac VHT80: 5210MHz, 5775MHz
Modulation:	IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac (VHT20/40/80): OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Type:	FPC Antenna1, MAX. Gain: 3.70 dBi FPC Antenna2, MAX. Gain: 4.74 dBi Directional Gain= $10\log(10^{3.7/10} + 10^{4.74/10}) = 7.26$ 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-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	CH149, 5745
	6	CH157, 5785
	6	CH165, 5825
802.11n HT20 TX Mode	MCS 8	CH36, 5180
	MCS 8	CH44, 5220
	MCS 8	CH48, 5240
	MCS 8	CH149, 5745
	MCS 8	CH157, 5785
	MCS 8	CH165, 5825
802.11n HT40 TX Mode	MCS 8	CH38, 5190
	MCS 8	CH46, 5230
	MCS 8	CH151, 5755
	MCS 8	CH159, 5795
802.11ac VHT20 TX Mode	MCS 0	CH36, 5180
	MCS 0	CH44, 5220
	MCS 0	CH48, 5240
	MCS 0	CH149, 5745
	MCS 0	CH157, 5785
	MCS 0	CH165, 5825
802.11ac VHT40 TX Mode	MCS 0	CH38, 5190
	MCS 0	CH46, 5230
	MCS 0	CH151, 5755
	MCS 0	CH159, 5795
802.11ac VHT80 TX Mode	MCS 0	CH42, 5210
	MCS 0	CH155, 5775
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.		

4.4. Test Environment Conditions

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

	Normal Conditions	Extreme Conditions
Temperature range	21-25 °C	0 °C to +40 °C
Humidity range	40-75%	N/A
Pressure range	86-106 kPa	N/A
Power supply	NV: DC 52V	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	MobaXterm		
Mode	Channel	Soft set value	
		ANT0	ANT1
802.11a	36	80	80
	44	80	80
	48	80	80
	149	60	60
	157	60	60
	165	60	60
802.11n HT20	36	60	60
	44	60	60
	48	60	60
	149	50	50
	157	50	50
	165	50	50
802.11n HT40	38	60	60
	46	60	60
	151	50	50
	159	50	50
802.11ac VHT20	36	60	60
	44	60	60
	48	60	60
	149	45	45
	157	45	45
	165	45	45
802.11ac VHT40	38	60	60
	46	60	60
	151	45	45
	159	45	45
802.11ac VHT80	42	60	60
	155	45	45

4.6. Description of Available Antennas

Test Mode	Transmit and Receive Mode	Description
802.11a	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11n HT20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11n HT40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ac VHT20	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ac VHT40	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.
802.11ac VHT80	☒ 2TX, 2RX	ANT 1 and ANT2 can be used as transmitting/receiving antenna.

5. Description of Test Setup

5.1. Accessory

Description of Accessories	Manufacturer	Model Number	Description	Remark
/	/	/	/	/

5.2. Support Equipment

Equipment	Brand Name	Model Name	P/N
PC	Lenovo	T480	/

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 $k = 2$.

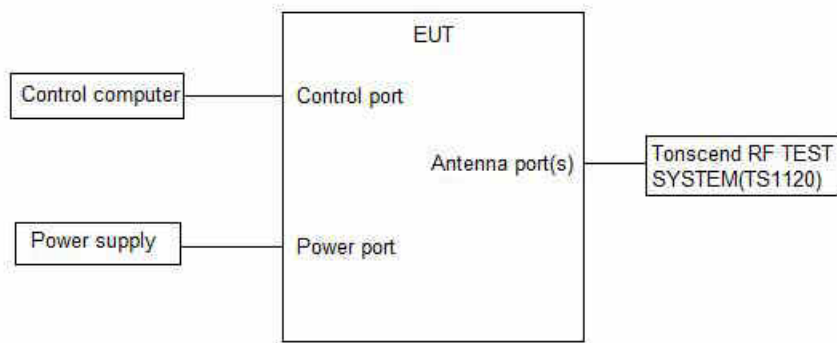
7. Measuring Instrument and Software Used

TS Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	Spectrum Analyzer	Keysight	N9030B	MY56320512	Jul. 30, 2026	Jul. 30, 2026
☒	Vector Signal Generator	Keysight	N5182B	MY57300334	Jul. 30, 2026	Jul. 30, 2026
☒	Signal Generator	Keysight	N5171B	MY57280639	Jul. 30, 2026	Jul. 30, 2026
☒	DC POWER	Keysight	E342A	MY59020356	Jul. 30, 2026	Jul. 30, 2026
☒	Incubator thermometer	GWS	EL-02JA	21107288	Jul. 30, 2026	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	/	Jul. 30, 2026	Jul. 30, 2026
☒	Spectrum Analyzer	Keysight	N9020B	MY60112206	Jul. 31, 2025	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	21H8060465	Jul. 31, 2026	Jul. 31, 2026
☒	Spectrum Analyzer	Keysight	N9020B	MY60112811	Jul. 30, 2026	Jul. 30, 2026
☒	Signal Generator	Keysight	N5173B	MY62220145	Jul. 30, 2026	Jul. 30, 2026
☒	Vector Signal Generator	Keysight	N5182B	MY61252859	Jul. 30, 2026	Jul. 30, 2026
☒	DC POWER	Keysight	E3642A	MY40005294	Jul. 30, 2026	Jul. 30, 2026
☒	Control unit(Power sensor)	Tonscend	JS0806-2	24F80620865	Jul. 31, 2026	Jul. 31, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☒	Test software	Tonscend	JS1120-3		V3.3.10	
RSE Test System						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☒	EMI Receiver	R&S	ESR26	101424	Feb. 24, 2025	Feb. 25, 2026
☒	Hybrid Antenna	Schwarzbeck	VULB9163	01361	May. 28, 2025	May. 27, 2026
☒	Horn Antenna 1	Schwarzbeck	BBHA 9120 D	02910	Aug. 31, 2025	Aug. 30, 2026
☒	Horn Antenna 2	ETS	BBHA 9170	1090	Aug. 31, 2025	Aug. 30, 2026
☒	loop-antenna	Schwarzbeck	FMZB 1513-60	00030	Jan. 12, 2025	Jan. 11, 2026
☒	Test path	/	Path3: WIFI-5.1G 1-6.5GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path4: WIFI-5.4G 1-6.5GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path5: WIFI-5.8G 1-6.5GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path7: ALL PASS 1-18GHz	/	Jul. 31, 2025	Jul. 30, 2026
☒	Test path	/	Path10:	/	Jul. 31, 2025	Jul. 30, 2026

			6.5GHz High PASS 6.5-18GHz			
☑	Test path	/	Path16: 30MHz-1GHz ALL PASS NO AMP	/	Jul. 31, 2025	Jul. 30, 2026
☑	Signal Pre-Amplifier	ETS	3116C-PA	00217677	Jul. 31, 2025	Jul. 30, 2026
☑	3m Fully-anechoic Chamber	YIHENG	9m*6m*6m	001	Sep. 05, 2023	Sep. 04, 2026
Software						
Used	Description	Manufacturer	Name		Version	
☑	Test software	Tonscend	TS+		V5.0.0.0	
Conducted Emission Test For AC Power Port						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
☑	LISN	R&S	ENV216	102509	Aug. 01, 2025	Jul. 31, 2026
☑	EMI Receiver	R&S	ESR	102154	Aug. 01, 2025	Jul. 31, 2026
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	/	Sep. 20, 2025	Sep. 21, 2026

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 $\geq$ EBW if possible; otherwise,

set RBW to the largest available value. Set VBW $\geq$ RBW.

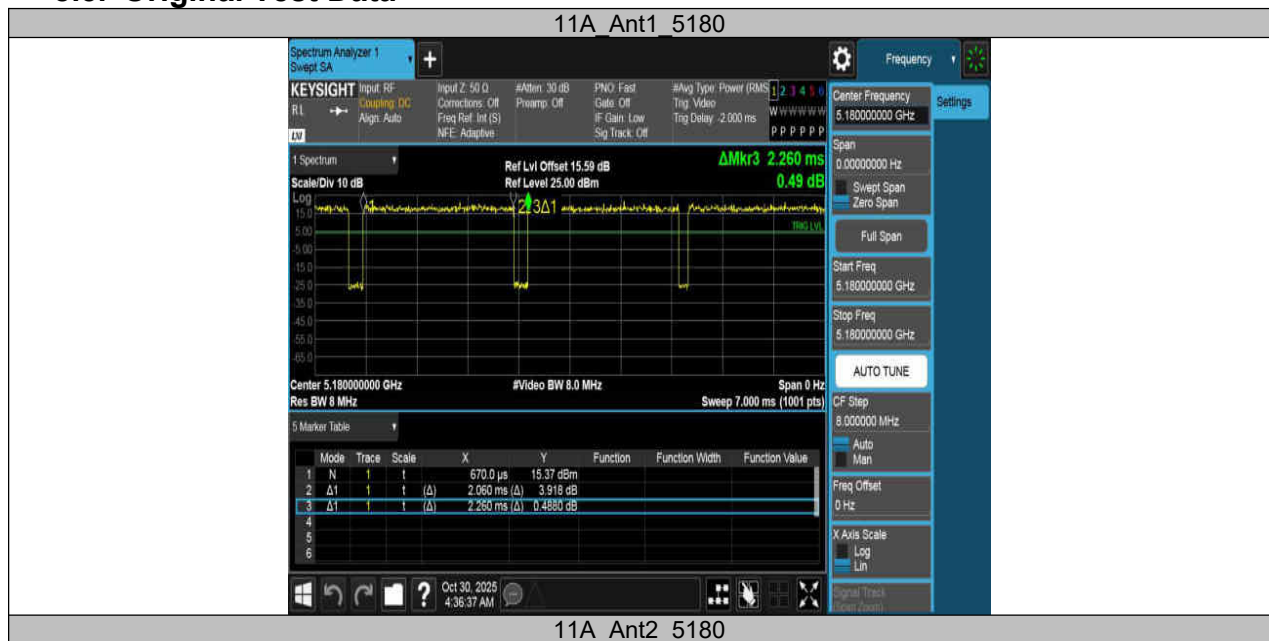
Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$, where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring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

8.4. Results

Test Mode	Ant.	Freq. (MHz)	Transmission Duration (ms)	Transmission Period (ms)	Duty Cycle (%)
11A	Ant1	5180	2.06	2.26	91.15
	Ant2	5180	2.07	2.22	93.24
	Ant1	5200	2.07	2.28	90.79
	Ant2	5200	2.06	2.28	90.35
	Ant1	5240	2.06	2.25	91.56
	Ant2	5240	2.07	2.28	90.79
	Ant1	5745	2.07	2.20	94.09
	Ant2	5745	2.07	2.30	90.00
	Ant1	5785	2.07	2.26	91.59
	Ant2	5785	2.07	2.28	90.79
	Ant1	5825	2.06	2.26	91.15
	Ant2	5825	2.06	2.18	94.50
11N20MIMO	Ant1	5180	1.92	2.08	92.31
	Ant2	5180	1.92	2.09	91.87
	Ant1	5200	1.92	2.11	91.00
	Ant2	5200	1.92	2.09	91.87
	Ant1	5240	1.92	2.09	91.87
	Ant2	5240	1.92	2.04	94.12
	Ant1	5745	1.92	2.13	90.14
	Ant2	5745	1.92	2.10	91.43
	Ant1	5785	1.92	2.07	92.75
	Ant2	5785	1.93	2.07	93.24
	Ant1	5825	1.92	2.15	89.30

	Ant2	5825	1.92	2.12	90.57
11N40MIMO	Ant1	5190	0.94	1.06	88.68
	Ant2	5190	0.95	1.10	86.36
	Ant1	5230	0.95	1.12	84.82
	Ant2	5230	0.95	1.16	81.90
	Ant1	5755	0.94	1.10	85.45
	Ant2	5755	0.94	1.07	87.85
	Ant1	5795	0.94	1.13	83.19
	Ant2	5795	0.94	1.13	83.19
11AC20MIMO	Ant1	5180	1.93	2.14	90.19
	Ant2	5180	1.93	2.09	92.34
	Ant1	5200	1.94	2.14	90.65
	Ant2	5200	1.93	2.18	88.53
	Ant1	5240	1.93	2.18	88.53
	Ant2	5240	1.93	2.13	90.61
	Ant1	5745	1.94	2.12	91.51
	Ant2	5745	1.94	2.17	89.40
	Ant1	5785	1.93	2.14	90.19
	Ant2	5785	1.93	2.17	88.94
	Ant1	5825	1.94	2.19	88.58
	Ant2	5825	1.94	2.17	89.40
11AC40MIMO	Ant1	5190	0.95	1.20	79.17
	Ant2	5190	0.95	1.09	87.16
	Ant1	5230	0.95	1.07	88.79
	Ant2	5230	0.95	1.14	83.33
	Ant1	5755	0.96	1.12	85.71
	Ant2	5755	0.95	1.20	79.17
	Ant1	5795	0.95	1.19	79.83
	Ant2	5795	0.95	1.16	81.90
11AC80MIMO	Ant1	5210	0.46	0.71	64.79
	Ant2	5210	0.46	0.69	66.67
	Ant1	5775	0.46	0.66	69.70
	Ant2	5775	0.46	0.72	63.89

8.5. Original Test Data









































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 For IC: 5470 - 5600 5650 - 5725
	Minimum 500 kHz 6 dB Bandwidth	5725 - 5850
	For reporting purposes only.	For IC: 5150 ~ 5825

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. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3*RBW For 99 % 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.

(3) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

9.4. Test Result

Test Mode	Ant.	Freq. (MHz)	OCB (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5180	16.411	5171.8080	5188.2190	---	---
	Ant2	5180	16.396	5171.8261	5188.2221	---	---
	Ant1	5200	16.427	5191.7676	5208.1946	---	---
	Ant2	5200	16.405	5191.8056	5208.2106	---	---
	Ant1	5240	16.372	5231.8086	5248.1806	---	---
	Ant2	5240	16.390	5231.8108	5248.2008	---	---
	Ant1	5745	16.406	5736.8105	5753.2165	---	---
	Ant2	5745	16.408	5736.8138	5753.2218	---	---
	Ant1	5785	16.393	5776.8015	5793.1945	---	---
	Ant2	5785	16.405	5776.7804	5793.1854	---	---
	Ant1	5825	16.397	5816.8112	5833.2082	---	---
	Ant2	5825	16.402	5816.7934	5833.1954	---	---
11N20MIMO	Ant1	5180	17.550	5171.2595	5188.8095	---	---
	Ant2	5180	17.594	5171.1618	5188.7558	---	---
	Ant1	5200	17.526	5191.2591	5208.7851	---	---
	Ant2	5200	17.438	5191.4858	5208.9238	---	---
	Ant1	5240	17.539	5231.1787	5248.7177	---	---

	Ant2	5240	17.478	5231.1308	5248.6088	---	---
	Ant1	5745	17.532	5736.1979	5753.7299	---	---
	Ant2	5745	17.477	5736.1135	5753.5905	---	---
	Ant1	5785	17.556	5776.1812	5793.7372	---	---
	Ant2	5785	17.492	5776.3984	5793.8904	---	---
	Ant1	5825	17.575	5816.1869	5833.7619	---	---
	Ant2	5825	17.553	5816.1110	5833.6640	---	---
11N40MIMO	Ant1	5190	35.985	5171.9390	5207.9240	---	---
	Ant2	5190	36.347	5171.9286	5208.2756	---	---
	Ant1	5230	35.979	5211.9610	5247.9400	---	---
	Ant2	5230	35.555	5212.1393	5247.6943	---	---
	Ant1	5755	35.933	5737.0130	5772.9460	---	---
	Ant2	5755	35.717	5736.7344	5772.4514	---	---
	Ant1	5795	35.942	5776.9726	5812.9146	---	---
11AC20MIMO	Ant2	5795	35.027	5778.0775	5813.1045	---	---
	Ant1	5180	17.582	5171.1793	5188.7613	---	---
	Ant2	5180	17.640	5171.0709	5188.7109	---	---
	Ant1	5200	17.570	5191.1543	5208.7243	---	---
	Ant2	5200	17.448	5191.3766	5208.8246	---	---
	Ant1	5240	17.552	5231.1874	5248.7394	---	---
	Ant2	5240	17.484	5231.1460	5248.6300	---	---
	Ant1	5745	17.571	5736.1871	5753.7581	---	---
	Ant2	5745	17.472	5736.1041	5753.5761	---	---
	Ant1	5785	17.586	5776.1782	5793.7642	---	---
	Ant2	5785	17.472	5776.3796	5793.8516	---	---
	Ant1	5825	17.562	5816.1753	5833.7373	---	---
11AC40MIMO	Ant2	5825	17.522	5816.1073	5833.6293	---	---
	Ant1	5190	35.902	5171.9857	5207.8877	---	---
	Ant2	5190	36.285	5171.9565	5208.2415	---	---
	Ant1	5230	35.935	5212.0796	5248.0146	---	---
	Ant2	5230	35.556	5212.2330	5247.7890	---	---
	Ant1	5755	35.906	5737.0968	5773.0028	---	---
	Ant2	5755	35.544	5736.8338	5772.3778	---	---
11AC80MIMO	Ant1	5795	35.943	5777.0837	5813.0267	---	---
	Ant2	5795	35.164	5778.0239	5813.1879	---	---
	Ant1	5210	74.998	5172.4948	5247.4928	---	---
	Ant2	5210	74.194	5173.6328	5247.8268	---	---
	Ant1	5775	75.277	5737.4380	5812.7150	---	---
	Ant2	5775	76.086	5737.2576	5813.3436	---	---

Test Mode	Ant.	Freq. (MHz)	26dB EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5180	18.280	5170.840	5189.120	---	---
	Ant2	5180	18.320	5170.840	5189.160	---	---
	Ant1	5200	18.160	5190.840	5209.000	---	---
	Ant2	5200	18.520	5190.680	5209.200	---	---
	Ant1	5240	18.480	5230.640	5249.120	---	---
	Ant2	5240	18.360	5230.720	5249.080	---	---
	Ant1	5745	18.320	5735.840	5754.160	---	---
	Ant2	5745	18.200	5735.840	5754.040	---	---
	Ant1	5785	18.240	5775.880	5794.120	---	---
	Ant2	5785	18.240	5776.000	5794.240	---	---
	Ant1	5825	18.200	5815.920	5834.120	---	---
	Ant2	5825	18.080	5815.920	5834.000	---	---
11N20MIMO	Ant1	5180	19.200	5170.400	5189.600	---	---
	Ant2	5180	19.320	5170.320	5189.640	---	---
	Ant1	5200	18.960	5190.480	5209.440	---	---
	Ant2	5200	19.240	5190.680	5209.920	---	---
	Ant1	5240	19.120	5230.520	5249.640	---	---
	Ant2	5240	19.000	5230.400	5249.400	---	---

	Ant1	5745	19.240	5735.320	5754.560	---	---
	Ant2	5745	18.840	5735.480	5754.320	---	---
	Ant1	5785	19.160	5775.400	5794.560	---	---
	Ant2	5785	19.080	5775.600	5794.680	---	---
	Ant1	5825	19.120	5815.440	5834.560	---	---
	Ant2	5825	19.080	5815.360	5834.440	---	---
11N40MIMO	Ant1	5190	39.040	5170.560	5209.600	---	---
	Ant2	5190	39.200	5170.720	5209.920	---	---
	Ant1	5230	39.040	5210.640	5249.680	---	---
	Ant2	5230	38.320	5210.720	5249.040	---	---
	Ant1	5755	38.720	5735.640	5774.360	---	---
	Ant2	5755	38.480	5735.480	5773.960	---	---
	Ant1	5795	38.800	5775.720	5814.520	---	---
	Ant2	5795	38.160	5776.200	5814.360	---	---
11AC20MIMO	Ant1	5180	19.280	5170.200	5189.480	---	---
	Ant2	5180	19.080	5170.320	5189.400	---	---
	Ant1	5200	19.200	5190.400	5209.600	---	---
	Ant2	5200	18.960	5190.640	5209.600	---	---
	Ant1	5240	19.200	5230.320	5249.520	---	---
	Ant2	5240	19.040	5230.360	5249.400	---	---
	Ant1	5745	19.160	5735.400	5754.560	---	---
	Ant2	5745	19.080	5735.280	5754.360	---	---
	Ant1	5785	19.360	5775.400	5794.760	---	---
	Ant2	5785	19.040	5775.600	5794.640	---	---
	Ant1	5825	18.880	5815.440	5834.320	---	---
	Ant2	5825	19.280	5815.280	5834.560	---	---
11AC40MIMO	Ant1	5190	38.160	5170.800	5208.960	---	---
	Ant2	5190	38.960	5170.800	5209.760	---	---
	Ant1	5230	38.400	5210.800	5249.200	---	---
	Ant2	5230	38.000	5210.960	5248.960	---	---
	Ant1	5755	38.480	5735.800	5774.280	---	---
	Ant2	5755	38.480	5735.560	5774.040	---	---
	Ant1	5795	39.200	5775.640	5814.840	---	---
	Ant2	5795	38.000	5776.360	5814.360	---	---
11AC80MIMO	Ant1	5210	82.880	5166.640	5249.520	---	---
	Ant2	5210	79.360	5170.000	5249.360	---	---
	Ant1	5775	80.000	5734.680	5814.680	---	---
	Ant2	5775	80.480	5735.160	5815.640	---	---

Test Mode	Ant.	Freq. (MHz)	6dB EBW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
11A	Ant1	5745	16.280	5736.840	5753.120	0.5	PASS
	Ant2	5745	15.520	5737.240	5752.760	0.5	PASS
	Ant1	5785	15.640	5776.880	5792.520	0.5	PASS
	Ant2	5785	15.400	5777.080	5792.480	0.5	PASS
	Ant1	5825	15.400	5817.480	5832.880	0.5	PASS
	Ant2	5825	16.280	5816.840	5833.120	0.5	PASS
11N20MIMO	Ant1	5745	15.880	5737.480	5753.360	0.5	PASS
	Ant2	5745	16.280	5736.200	5752.480	0.5	PASS
	Ant1	5785	15.320	5777.200	5792.520	0.5	PASS
	Ant2	5785	12.160	5781.600	5793.760	0.5	PASS
	Ant1	5825	17.160	5816.200	5833.360	0.5	PASS
	Ant2	5825	17.200	5816.160	5833.360	0.5	PASS
11N40MIMO	Ant1	5755	35.200	5737.240	5772.440	0.5	PASS
	Ant2	5755	23.120	5736.840	5759.960	0.5	PASS
	Ant1	5795	35.120	5777.400	5812.520	0.5	PASS
	Ant2	5795	29.120	5783.720	5812.840	0.5	PASS
11AC20MIMO	Ant1	5745	17.560	5736.200	5753.760	0.5	PASS
	Ant2	5745	15.040	5736.200	5751.240	0.5	PASS
	Ant1	5785	17.600	5776.160	5793.760	0.5	PASS

11AC40MIMO	Ant2	5785	12.800	5780.960	5793.760	0.5	PASS
	Ant1	5825	15.560	5817.200	5832.760	0.5	PASS
	Ant2	5825	15.080	5816.200	5831.280	0.5	PASS
	Ant1	5755	33.760	5737.480	5771.240	0.5	PASS
	Ant2	5755	26.960	5736.840	5763.800	0.5	PASS
	Ant1	5795	34.080	5778.520	5812.600	0.5	PASS
11AC80MIMO	Ant2	5795	23.920	5788.680	5812.600	0.5	PASS
	Ant1	5775	73.920	5738.680	5812.600	0.5	PASS
	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS

9.5. Original Test Data

99% Bandwidth:









11A Ant2 5785



11A Ant1 5825



11A Ant2 5825









