

TEST REPORT

Applicant: Shenzhen ZO Video Technology Co., Ltd

Address of Applicant: 2c, 2/F, building 6, Longbi Industrial Zone, 27 Dafa Road, Longgang District, Shenzhen

Manufacturer/Factory: Shenzhen ZO Video Technology Co., Ltd

Address of Manufacturer/Factory: 2c, 2/F, building 6, Longbi Industrial Zone, 27 Dafa Road, Longgang District, Shenzhen

Equipment Under Test (EUT)

Product Name: Wireless monitor system

Model No.: ZO600M, ZO600MPRO, ZO600Mmini, WS600Mpro, WS600M, A5, MOMAN_M5, A5Cloud

Trade Mark: N/A

FCC ID: 2A2RJ-ZO600M

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

Date of sample receipt: March 11, 2022

Date of Test: March 18, 2022~March 25, 2022

Date of report issue: March 26, 2022

Test Result : PASS *

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

Authorized Signature:



Robinson Luo

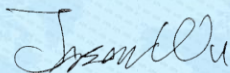
Laboratory Manager

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2 Version

Version No.	Date	Description
00	March 26,2022	Original

Prepared By:

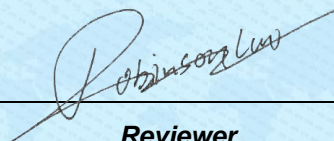


Date:

March 26,2022

Project Engineer

Check By:



Date:

March 26,2022

Reviewer

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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
Peak Transmit Power	15.407(a)(1)	PASS
Power Spectral Density	15.407(a)(1)	PASS
Undesirable Emission	15.407(b)(6), 15.205/15.209	PASS
Radiated Emission	15.205/15.209	PASS
Band Edge	15.407(b)(1)	PASS
Frequency Stability	15.407(g)	PASS

Remark:

Pass: The EUT complies with the essential requirements in the standard.

4.1 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	1×10^{-7}
2	Duty cycle	0.37%
3	Occupied Bandwidth	2.8dB
4	RF conducted power	0.75dB
5	RF power density	3dB
6	Conducted Spurious emissions	2.58dB
7	AC Power Line Conducted Emission	3.44dB (0.15MHz ~ 30MHz)
8	Radiated Spurious emission test	3.1dB (9kHz-30MHz)
		3.8039dB (30MHz-200MHz)
		3.9679dB (200MHz-1GHz)
		4.29dB (1GHz-18GHz)
		3.30dB (18GHz-40GHz)

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:	Wireless monitor system				
Model No.:	ZO600M, ZO600MPRO, ZO600Mmini, WS600Mpro, WS600M, A5, MOMAN_M5, A5Cloud				
Serial No.:	N/A				
Hardware Version:	V1.2				
Software Version:	V 0261				
Test sample(s) ID:	GTSL202203000211-1				
Sample(s) Status:	Engineer sample				
Operation Frequency:	Band	Mode	Frequency Range (MHz)	Number of channels	
	U-NII Band I	IEEE 802.11a	5180-5240	4	
		IEEE 802.11n 20MHz	5180-5240	4	
Modulation technology:	OFDM MIMO: 802.11n SISO: 802.11a				
Antenna Type:	Internal Antenna				
Antenna gain:	ANT1:2.5dBi ANT2:2.5dBi MIMO Mode: For power measurement: the direct gain=2.5dBi For Power Spectral Density measurement: the direct gain=2.5+10lg2=5.51dBi				
Power supply:	DC 7-17V (Powered By Adaptor or Battery)				

Channel list for 802.11a/n(HT20)

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHz	40	5200MHz	44	5220MHz	48	5240MHz

5.2 Test mode

Transmitting mode	Keep the EUT in transmitting with modulation..
<i>Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.</i>	
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:	
Pre-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.	
Mode	Data rate
802.11a	6.5 Mbps
n(HT20)	MCS0

5.3 Test Facility

<p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> ● FCC—Registration No.: 381383 Designation Number: CN5029 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. ● IC —Registration No.: 9079A CAB identifier: CN0091 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 ● NVLAP (LAB CODE:600179-0) Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).
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5.4 Test Location

All tests were performed at:
Global United Technology Services Co., Ltd. Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, sBaoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960

5.5 Description of Support Units

AC/DC Adaptor Mode Number: YW-122 Input: AC 100-240V,50/60Hz, Output: DC 12V 2A

5.6 Deviation from Standards

None.

5.7 Abnormalities from Standard Conditions

None.

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. 24 2021	June. 23 2022
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 24 2021	June. 23 2022
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 24 2021	June. 23 2022
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 24 2021	June. 23 2022
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 24 2021	June. 23 2022
9	Coaxial Cable	GTS	N/A	GTS211	June. 24 2021	June. 23 2022
10	Coaxial cable	GTS	N/A	GTS210	June. 24 2021	June. 23 2022
11	Coaxial Cable	GTS	N/A	GTS212	June. 24 2021	June. 23 2022
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 24 2021	June. 23 2022
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 24 2021	June. 23 2022
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 24 2021	June. 23 2022
15	Band filter	Amindeon	82346	GTS219	June. 24 2021	June. 23 2022
16	Power Meter	Anritsu	ML2495A	GTS540	June. 24 2021	June. 23 2022
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 24 2021	June. 23 2022
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 24 2021	June. 23 2022
19	Splitter	Agilent	11636B	GTS237	June. 24 2021	June. 23 2022
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 24 2021	June. 23 2022
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 17 2021	Oct. 16 2022
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 17 2021	Oct. 16 2022
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 17 2021	Oct. 16 2022
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 24 2021	June. 23 2022

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. 24 2021	June. 23 2022
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 24 2021	June. 23 2022
4	ENV216 2-L-V-NETZNACHB.DE	ROHDE&SCHWARZ	ENV216	GTS226	June. 24 2021	June. 23 2022
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. 24 2021	June. 23 2022
8	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	June. 24 2021	June. 23 2022
9	ISN	SCHWARZBECK	NTFM 8158	GTS565	June. 24 2021	June. 23 2022
10	High voltage probe	SCHWARZBECK	TK9420	GTS537	July. 09 2021	July. 08 2022

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. 24 2021	June. 23 2022
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 24 2021	June. 23 2022
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 24 2021	June. 23 2022
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 24 2021	June. 23 2022
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 24 2021	June. 23 2022
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 24 2021	June. 23 2022
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 24 2021	June. 23 2022
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 24 2021	June. 23 2022

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. 24 2021	June. 23 2022
2	Barometer	ChangChun	DYM3	GTS255	June. 24 2021	June. 23 2022

7 Test results and Measurement Data

7.1 Antenna requirement:

Standard requirement:	FCC Part15 C Section 15.203
<p><i>15.203 requirement:</i></p> <p><i>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></p>	
E.U.T Antenna:	
<p><i>The antennas are integral antenna, the best case gain of the antennas are 2.50dBi, reference to the appendix II for details</i></p>	

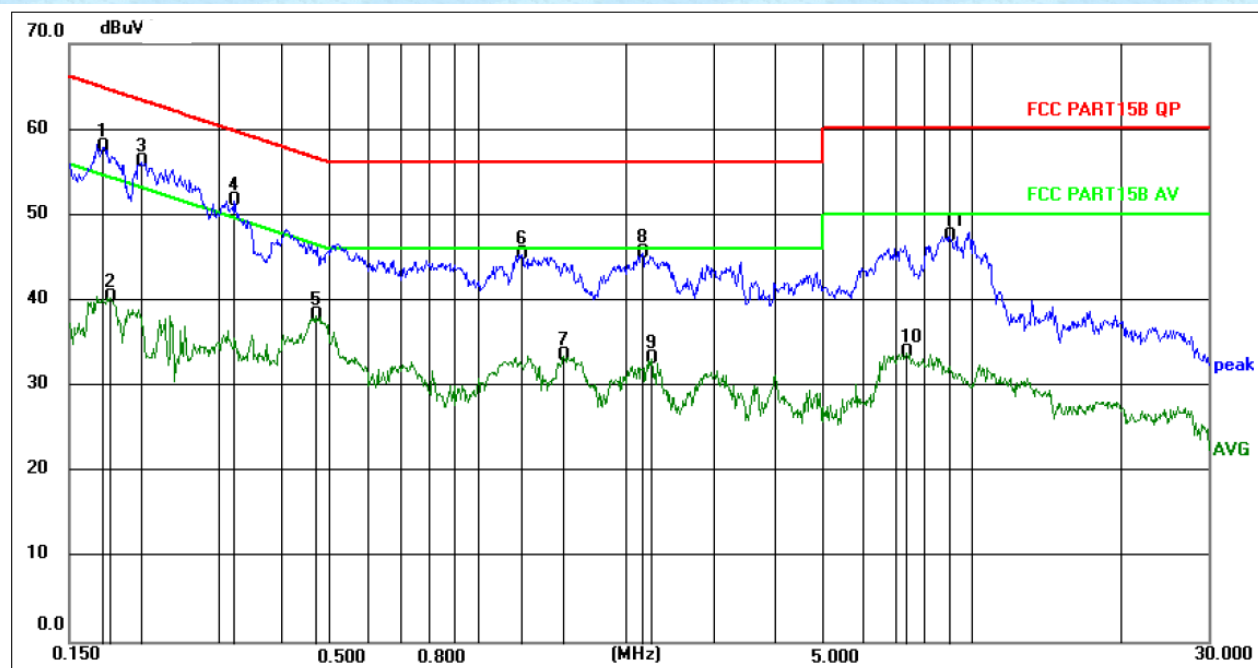
7.2 Conducted Emissions

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					
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 procedure	The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 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 setup:	<div><p style="text-align: center;">Reference Plane</p><p style="text-align: center;">Test table/Insulation plane</p><p><i>Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</i></p></div>					
Test Instruments:	Refer to section 6 for details					
Test mode:	Refer to section 5.2 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	DC 12V (Powered by adaptor)					
Test results:	Pass					

Note: Pre-scan all test modes, found worst case at 802.11n(HT20) 5180MHz, and so only show the test result of 802.11n(HT20) 5180MHz.

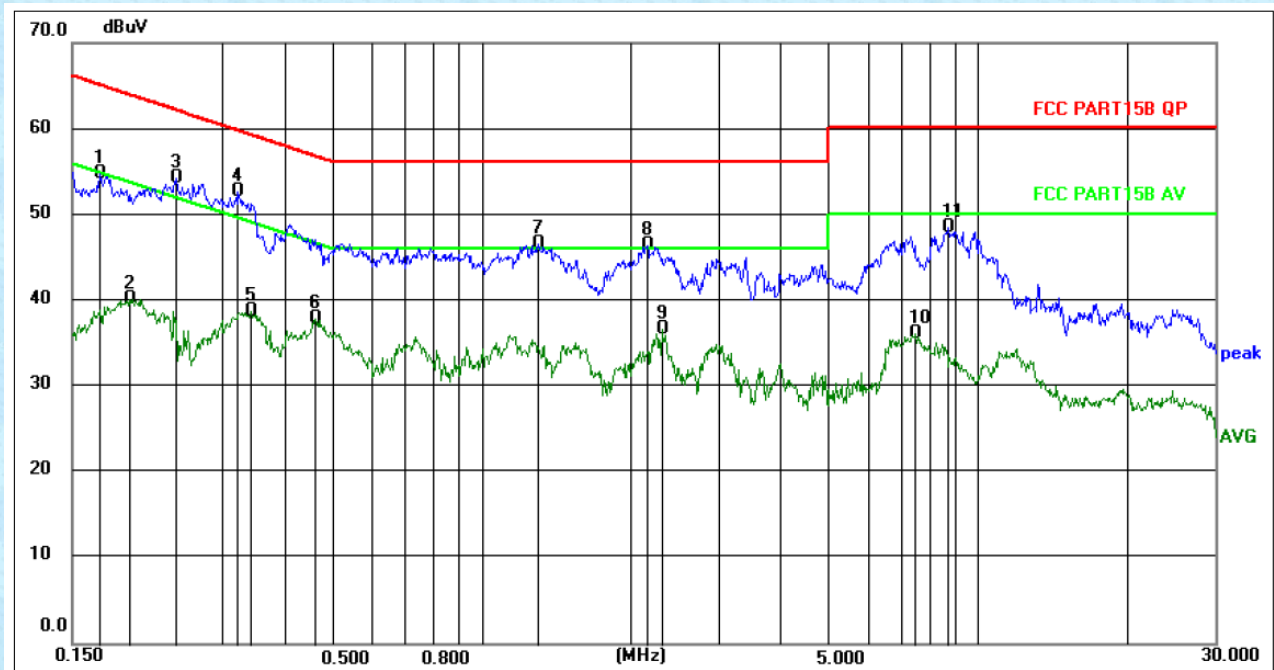
Measurement data:

Line:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1748	47.88	10.02	57.90	64.73	-6.83	QP
2	0.1814	30.36	10.02	40.38	54.42	-14.04	AVG
3	0.2094	46.11	10.02	56.13	63.23	-7.10	QP
4	0.3234	41.56	10.03	51.59	59.62	-8.03	QP
5	0.4711	28.11	10.05	38.16	46.49	-8.33	AVG
6	1.2291	35.19	10.13	45.32	56.00	-10.68	QP
7	1.4953	23.32	10.16	33.48	46.00	-12.52	AVG
8	2.1551	35.24	10.22	45.46	56.00	-10.54	QP
9	2.2486	22.86	10.23	33.09	46.00	-12.91	AVG
10	7.3677	23.14	10.79	33.93	50.00	-16.07	AVG
11	9.0112	36.51	10.96	47.47	60.00	-12.53	QP

Neutral:

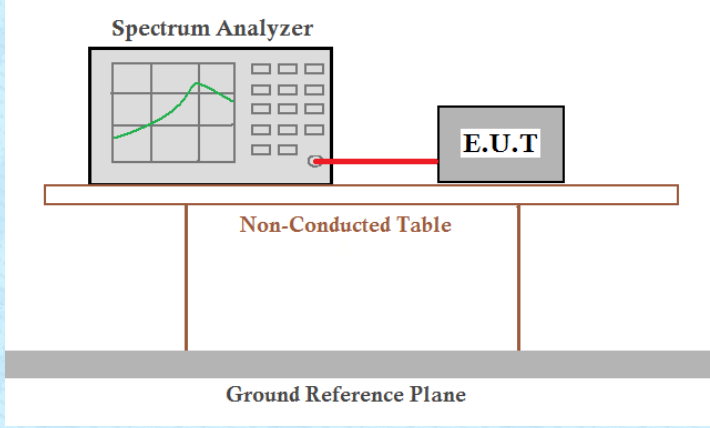


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1703	44.67	10.02	54.69	64.95	-10.26	QP
2	0.1952	30.14	10.02	40.16	53.81	-13.65	AVG
3	0.2429	44.20	10.02	54.22	62.00	-7.78	QP
4	0.3234	42.56	10.03	52.59	59.62	-7.03	QP
5	0.3446	28.68	10.03	38.71	49.09	-10.38	AVG
6	0.4636	27.74	10.05	37.79	46.63	-8.84	AVG
7	1.3024	36.39	10.14	46.53	56.00	-9.47	QP
8	2.1551	36.24	10.22	46.46	56.00	-9.54	QP
9	2.3088	26.46	10.24	36.70	46.00	-9.30	AVG
10	7.4858	25.31	10.80	36.11	50.00	-13.89	AVG
11	8.7293	37.50	10.93	48.43	60.00	-11.57	QP

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

7.3 Emission Bandwidth and 99% Occupied Bandwidth

Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01
Limit:	N/A
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 the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.</p>
Test procedure:	According to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01.
Test Instruments:	Refer to section 6 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data:

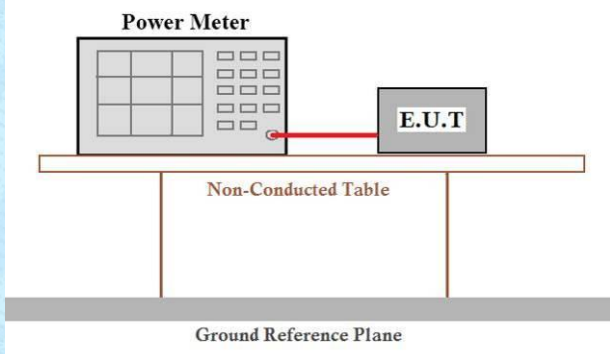
CH. No.	Frequency (MHz)	99% Occupied Bandwidth (MHz)				26dB Occupied Bandwidth (MHz)			
		802.11a		802.11n(HT20)		802.11a		802.11n(HT20)	
		ANT1	ANT2	ANT1	ANT2	ANT1	ANT2	ANT1	ANT2
36	5180	16.440	16.376	17.567	17.561	19.91	19.16	20.28	20.14
48	5240	16.437	16.366	17.553	17.563	19.90	19.33	20.01	20.31

Test plots as followed:





7.4 Peak Transmit Power

Test Requirement:	FCC Part15 E Section 15.407	
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01	
Limit:	Frequency band (MHz)	Limit
	5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
		$\leq 250\text{mW}(23.98\text{dBm})$ for client device
	5250-5350	$\leq 250\text{mW}(23.98\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
	5470-5725	$\leq 250\text{mW}(23.98\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
Remark: *Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.		
Test setup:		
Test procedure:	Measurement using an RF average power meter <ul style="list-style-type: none"> (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied <ul style="list-style-type: none"> a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five. (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B). (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter. (iv) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle (e.g., $10\log(1/0.25)$ if the duty cycle is 25 percent). 	
Test Instruments:	Refer to section 6 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	

Measurement Data

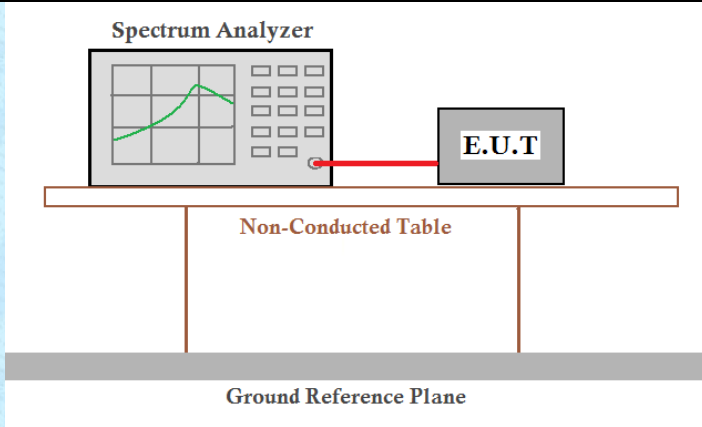
Modulation	Frequency (MHz)	Duty cycle		Duty Factor	
		Antenna1	Antenna2	Antenna1	Antenna2
802.11a	5180	97.83	97.8	0.1	0.1
	5240	97.81	97.81	0.1	0.1
802.11n(HT20)	5180	97.69	97.69	0.1	0.1
	5240	97.69	97.69	0.1	0.1

802.11a mode										
CH No.	Frequency (MHz)	Measured Power (dBm)			Duty Factor	Output Power (dBm)			Limit (dBm)	Result
		ANT1	ANT2	ANT 1+2		ANT1	ANT2	ANT 1+2		
36	5180	16.754	16.823	--	0.1	16.845	16.923	--	24	Pass
48	5240	16.708	16.88	--	0.1	16.808	16.98	--		
802.11n(HT20) mode										
CH No.	Frequency (MHz)	Measured Power (dBm)			Duty Factor	Output Power (dBm)			Limit (dBm)	Result
		ANT1	ANT2	ANT 1+2		ANT1	ANT2	ANT 1+2		
36	5180	14.475	14.955	17.732	0.1	14.575	15.055	17.832	24	Pass
48	5240	14.596	15.012	17.819	0.1	14.696	15.112	17.919		

Note: Output Power = Measured Power + Duty Factor

Duty Factor = 10 log (1/Duty Cycle)

7.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407	
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01	
Limit:	Frequency band (MHz)	Limit
	5150-5250	≤17dBm in 1MHz for master device
		≤11dBm in 1MHz for client device
	5250-5350	≤11dBm in 1MHz for client device
	5470-5725	≤11dBm in 1MHz for client device
Remark: The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.		
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 the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.</p>	
Test procedure:	<ol style="list-style-type: none"> 1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power...". 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: <ol style="list-style-type: none"> a) If Method SA-2 or SA-2 Alternative was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD. 	
Test Instruments:	Refer to section 6 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	

Measurement Data Measurement Data

Modulation	Frequency (MHz)	Duty cycle		Duty Factor	
		Antenna1	Antenna2	Antenna1	Antenna2
802.11a	5180	97.83	97.8	0.1	0.1
	5240	97.81	97.81	0.1	0.1
802.11n(HT20)	5180	97.69	97.69	0.1	0.1
	5240	97.69	97.69	0.1	0.1

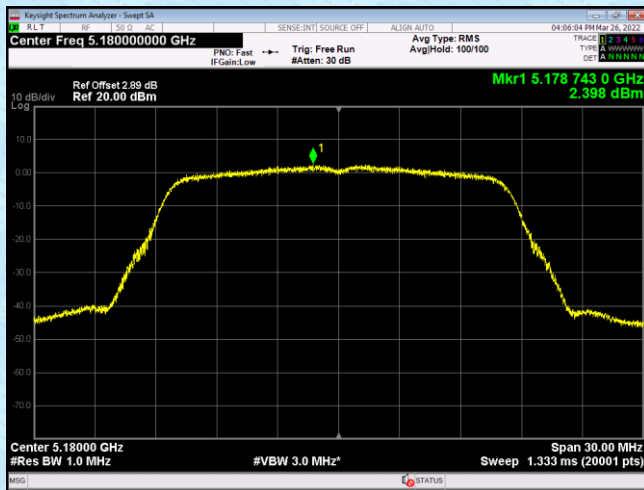
802.11a mode										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT1	ANT2	ANT 1+2		ANT1	ANT2	ANT 1+2		
36	5180	2.398	2.396	--	0.1	2.498	2.496	--	11	Pass
48	5240	2.259	2.458	--	0.1	2.359	2.558	--	11	Pass
802.11n(HT20) mode										
CH No.	Frequency (MHz)	Measured PSD (dBm/MHz)			Duty Factor	Total PSD Power(dBm/MHz)			Limit (dBm/MHz)	Result
		ANT1	ANT2	ANT 1+2		ANT1	ANT2	ANT 1+2		
36	5180	-0.184	0.456	3.158	0.1	-0.084	0.456	3.258	11	Pass
48	5240	0.623	-0.069	3.301	0.1	0.723	0.031	3.401	11	Pass

Note: Output Power = Measured Power + Duty Factor

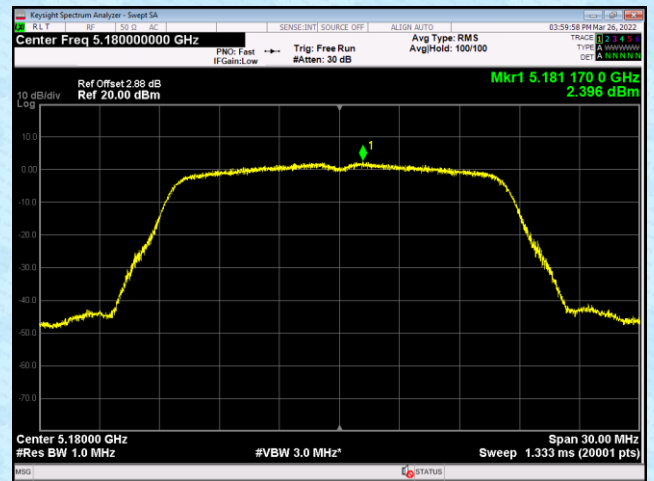
Duty Factor = 10 log (1/Duty Cycle)

Test plots as followed:

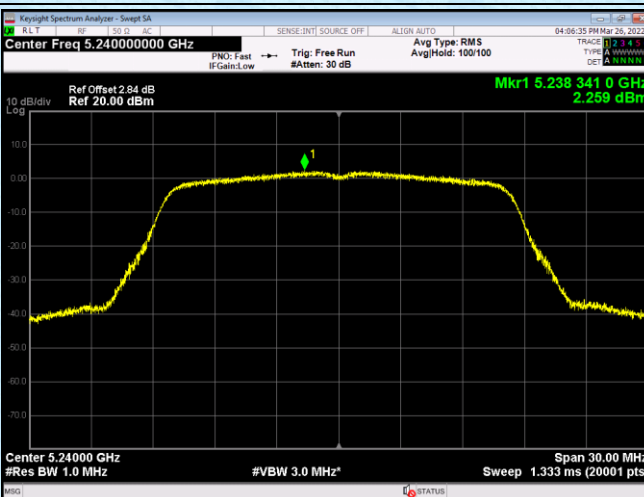
802.11a mode (Antenna1)



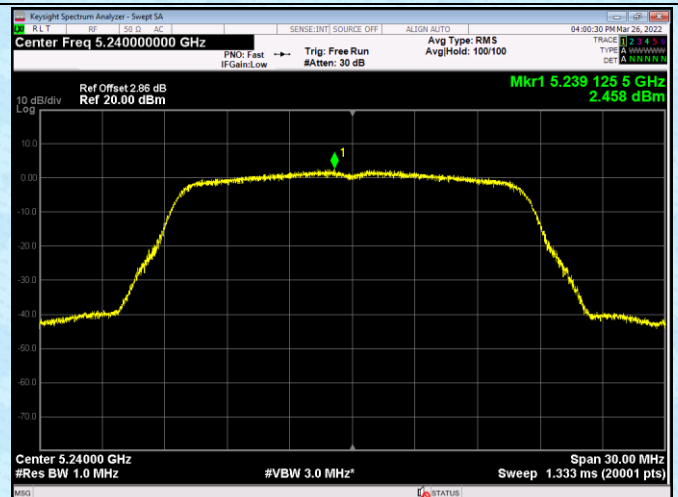
802.11a mode (Antenna2)



5180



5180

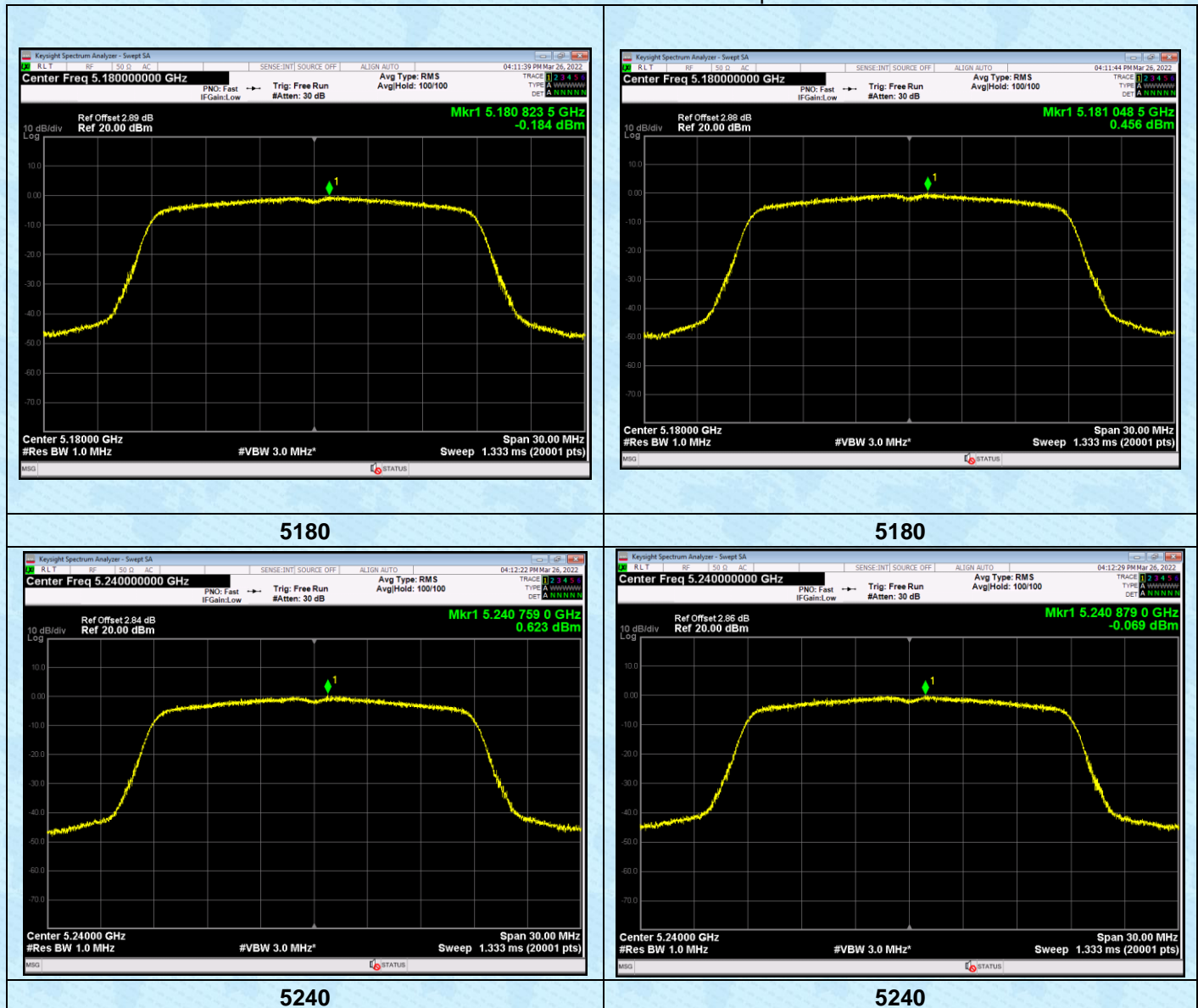


5240

5240

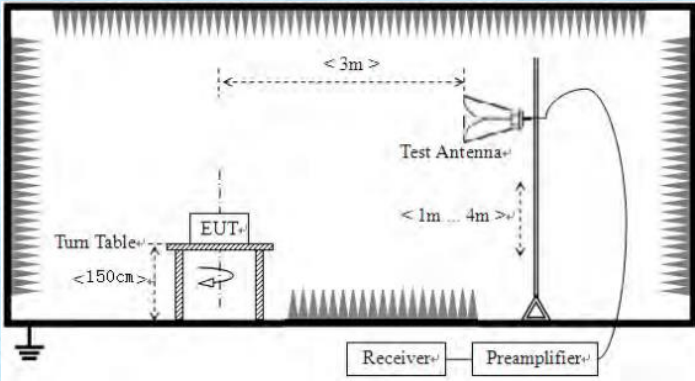
802.11n(HT20) mode (Antenna1)

802.11n(HT20) mode (Antenna2)



7.6 Band Edge

Test Requirement:	FCC Part15 E Section 15.407 and 15.205				
Test Method:	ANSI C63.10:2013				
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver setup:					
	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
AV		1MHz	3MHz	Average Value	
Limit:					
	Frequency		Limit (dBuV/m @3m)		Remark
	30MHz-88MHz		40.0		Quasi-peak Value
	88MHz-216MHz		43.5		Quasi-peak Value
	216MHz-960MHz		46.0		Quasi-peak Value
	960MHz-1GHz		54.0		Quasi-peak Value
	Above 1GHz		54.0		Average Value
			68.2		Peak Value
	Undesirable emission limits:				
	(1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.				
	(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.				
	(3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.				
Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.				
	b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.				
	c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.				
	d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.				
	e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.				
	f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not				

	have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test setup:	<p>For radiated emissions above 1GHz</p> 
Test Instruments:	Refer to section 6 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Remarks:

1. Only the worst case Main Antenna test data.
2. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.
5. According to KDB 789033 D02 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:
 $E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2;$
For example, if $\text{EIRP} = -27\text{dBm}$
 $E[\text{dBuV/m}] = -27 + 95.2 = 68.2\text{dBuV/m}.$

Measurement Data:

802.11a (worst case: Antenna 1)					Peak			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
5150	43.77	31.56	9.34	35.76	48.91	68.20	-19.29	Horizontal
5150	41.09	31.56	9.34	35.76	46.23	68.20	-21.97	Vertical
5350	41.56	31.75	9.46	35.79	46.98	68.20	-21.22	Horizontal
5350	38.28	31.75	9.46	35.79	43.70	68.20	-24.50	Vertical

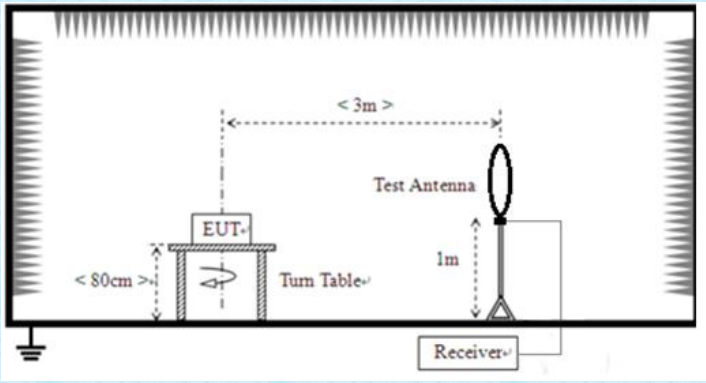
802.11a (worst case: Antenna 1)					Average			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
5150	39.40	31.56	9.34	35.76	44.54	54.00	-9.46	Horizontal
5150	36.15	31.56	9.34	35.76	41.29	54.00	-12.71	Vertical
5350	37.37	31.75	9.46	35.79	42.79	54.00	-11.21	Horizontal
5350	33.91	31.75	9.46	35.79	39.33	54.00	-14.67	Vertical

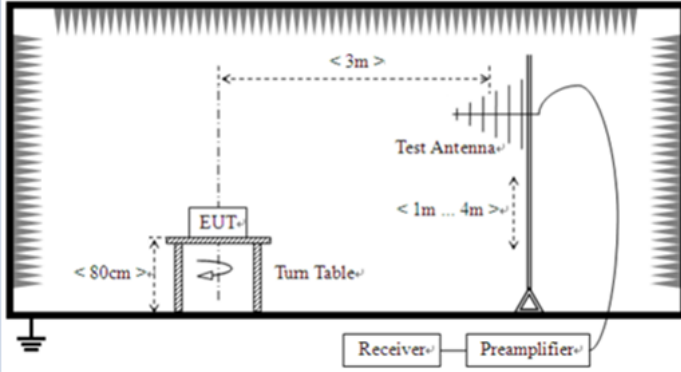
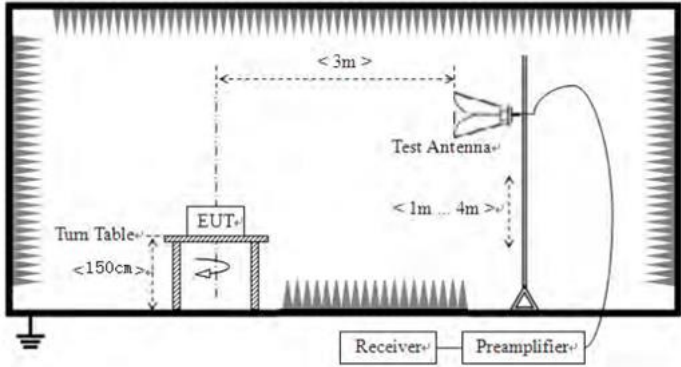
802.11n(HT20) (worst case: MIMO)					Peak			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
5150	45.48	31.56	9.34	35.76	50.62	68.20	-17.58	Horizontal
5150	42.57	31.56	9.34	35.76	47.71	68.20	-20.49	Horizontal
5350	42.35	31.75	9.46	35.79	47.77	68.20	-20.43	Vertical
5350	40.12	31.75	9.46	35.79	45.54	68.20	-22.66	Vertical

802.11n(HT20) (worst case: MIMO)					Average			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
5150	42.76	31.56	9.34	35.76	47.90	54.00	-6.10	Horizontal
5150	37.01	31.56	9.34	35.76	42.15	54.00	-11.85	Horizontal
5350	38.28	31.75	9.46	35.79	43.70	54.00	-10.30	Vertical
5350	35.30	31.75	9.46	35.79	40.72	54.00	-13.28	Vertical

7.7 Radiated Emission

Test Requirement:	FCC Part15 C Section 15.209 and 15.205, Part 15E Section 15.407(b)(4)				
Test Method:	ANSI C63.10:2013				
Test Frequency Range:	9kHz to 40GHz				
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9kHz-150KHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
AV		1MHz	3MHz	Average Value	
Limit:					
	Frequency	Limit (uV/m)	Value	Measurement Distance	
	0.009MHz-0.490MHz	2400/F(KHz)	QP	300m	
	0.490MHz-1.705MHz	24000/F(KHz)	QP	300m	
	1.705MHz-30MHz	30	QP	30m	
	30MHz-88MHz	100	QP	3m	
	88MHz-216MHz	150	QP		
	216MHz-960MHz	200	QP		
	960MHz-1GHz	500	QP		
	Frequency	Limit (dBuV/m)	Remark		
	Above 1GHz	68.20	Peak		
		54.00	Average		
Test Procedure:	<p>Substitution method was performed to determine the actual ERP emission levels of the EUT.</p> <p>The following test procedure as below:</p> <p>1>.Below 1GHz test procedure:</p> <ol style="list-style-type: none">1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported				

	<p>in a data sheet.</p> <p>2>.Above 1GHz test procedure:</p> <ol style="list-style-type: none"> 1. On the test site as test setup graph above,the EUT shall be placed at the 0.8m support on the turntable and in the position closest to normal use as declared by the provider. 2. The test antenna shall be oriented initially for vertical polarization and shall be chosen to correspond to the frequency of the transmitter.The output of the test antenna shall be connected to the measuring receiver. 3. The transmitter shall be switched on, if possible, without modulation and the measuring receiver shall be tuned to the frequency of the transmitter under test. 4. The test antenna shall be raised and lowered from 1m to 4m until a maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver. 5. Repeat step 4 for test frequency with the test antenna polarized horizontally. 6. Remove the transmitter and replace it with a substitution antenna 7. Feed the substitution antenna at the transmitter end with a signal generator connected to the antenna by means of a nonradiating cable. With the antennas at both ends vertically polarized, and with the signal generator tuned to a particular test frequency, raise and lower the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output. 8. Repeat step 7 with both antennas horizontally polarized for each test frequency. 9. Calculate power in dBm into a reference ideal half-wave dipole antenna by reducing the readings obtained in steps 7 and 8 by the power loss in the cable between the generator and the antenna, and further corrected for the gain of the substitution antenna used relative to an ideal half-wave dipole antenna by the following formula: $EIRP(dBm) = P_g(dBm) - \text{cable loss (dB)} + \text{antenna gain (dBi)}$ where: P_g is the generator output power into the substitution antenna.
<p>Test setup:</p>	<p>For radiated emissions from 9kHz to 30MHz</p>  <p>For radiated emissions from 30MHz to 1GHz</p>

	 <p>For radiated emissions above 1GHz</p> 
Test Instruments:	Refer to section 6 for details
Test mode:	Refer to section 5.2 for details
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar
Test voltage:	DC 12V (Powered by adaptor)
Test results:	Pass

Remarks:

1. Only the worst case Main Antenna test data.
2. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

Measurement Data:

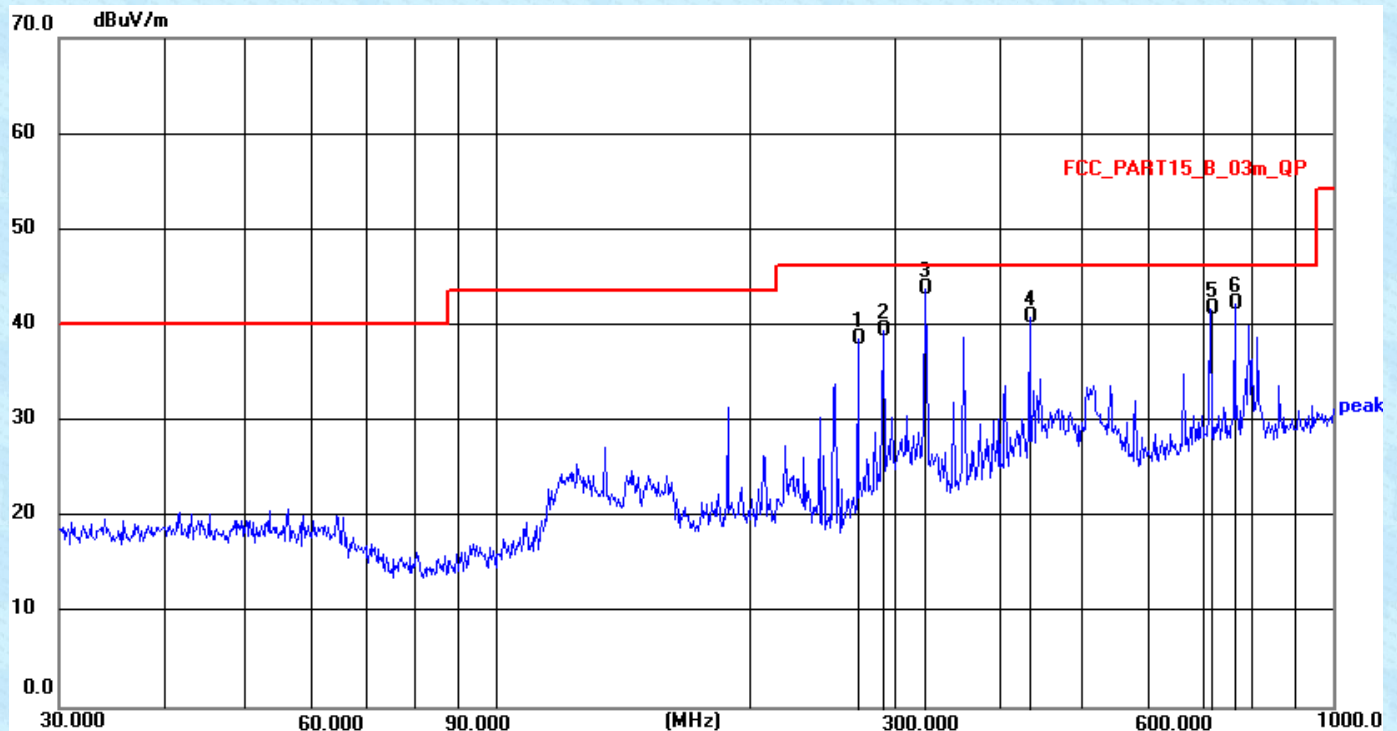
9 kHz ~ 30 MHz

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

30MHz~ 1GHz

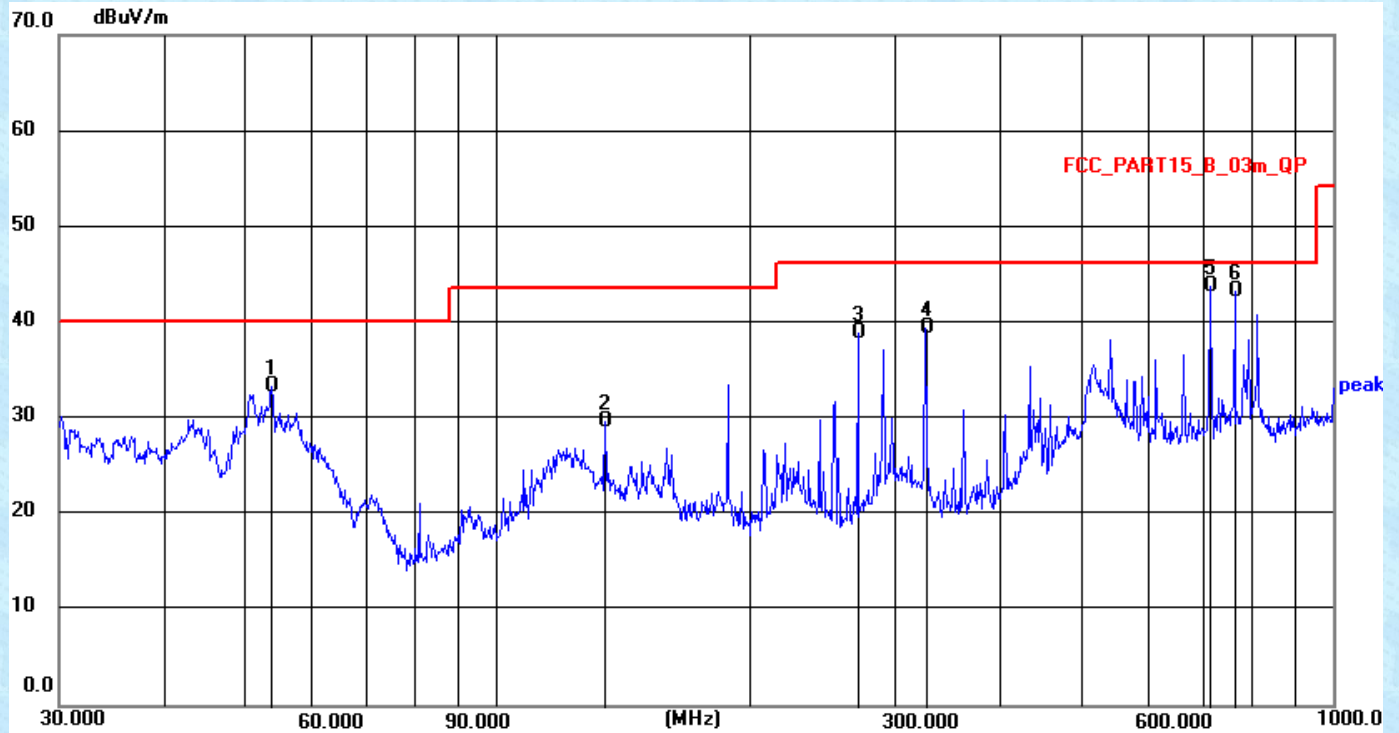
Pre-scan all test modes, found worst case at 802.11n(HT20) 5180MHz ,and so only show the test result of 802.11n(HT20) 5180MHz.

Horizont



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Remark
1	270.3748	24.48	14.01	38.49	46.00	-7.51	186	126	QP
2	290.0172	24.82	14.54	39.36	46.00	-6.64	179	325	QP
3	325.5958	28.38	15.42	43.80	46.00	-2.20	105	172	QP
4	434.0651	23.13	17.65	40.78	46.00	-5.22	112	236	QP
5	714.1734	19.63	22.10	41.73	46.00	-4.27	104	228	QP
6	763.3757	19.57	22.70	42.27	46.00	-3.73	100	155	QP

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Remark
1	53.8817	19.08	14.29	33.37	40.00	-6.63	122	25	QP
2	135.0318	15.46	14.23	29.69	43.50	-13.81	149	336	QP
3	270.3748	24.97	14.01	38.98	46.00	-7.02	173	183	QP
4	325.5958	23.99	15.42	39.41	46.00	-6.59	114	214	QP
5	714.1733	21.65	22.10	43.75	46.00	-2.25	108	198	QP
6	763.3757	20.65	22.70	43.35	46.00	-2.65	103	117	QP

Above 1GHz:

802.11a 5180MHz (worst case: Antenna1)

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360	37.25	38.96	8.27	35.64	48.84	68.2	-19.36	Vertical
15540	33.81	38.40	10.57	35.35	47.43	68.2	-20.77	Vertical
10360	39.22	38.96	8.27	35.64	50.81	68.2	-17.39	Horizontal
15540	34.68	38.40	10.57	35.35	48.30	68.2	-19.90	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360	31.56	38.96	8.27	35.64	43.15	54.00	-10.85	Vertical
15540	28.14	38.40	10.57	35.35	41.76	54.00	-12.24	Vertical
10360	33.47	38.96	8.27	35.64	45.06	54.00	-8.94	Horizontal
15540	30.08	38.40	10.57	35.35	43.70	54.00	-10.30	Horizontal

802.11a 5240MHz (worst case: Antenna1)

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10480	36.01	39.15	8.32	35.78	47.70	68.2	-20.50	Vertical
15720	34.25	38.00	10.72	35.37	47.60	68.2	-20.60	Vertical
10480	40.27	39.15	8.32	35.78	51.96	68.2	-16.24	Horizontal
15720	33.82	38.00	10.72	35.37	47.17	68.2	-21.03	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10480	30.53	39.15	8.32	35.78	42.22	54.00	-11.78	Vertical
15720	27.89	38.00	10.72	35.37	41.24	54.00	-12.76	Vertical
10480	33.65	39.15	8.32	35.78	45.34	54.00	-8.66	Horizontal
15720	29.85	38.00	10.72	35.37	43.20	54.00	-10.80	Horizontal

802.11n(HT20) 5180MHz (worst case:MIMO)

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360	39.32	38.96	8.27	35.64	50.91	68.2	-17.29	Vertical
15540	36.17	38.40	10.57	35.35	49.79	68.2	-18.41	Vertical
10360	43.25	38.96	8.27	35.64	54.84	68.2	-13.36	Horizontal
15540	36.88	38.40	10.57	35.35	50.50	68.2	-17.70	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360	33.24	38.96	8.27	35.64	44.83	54.00	-9.17	Vertical
15540	29.68	38.40	10.57	35.35	43.30	54.00	-10.70	Vertical
10360	36.42	38.96	8.27	35.64	48.01	54.00	-5.99	Horizontal
15540	32.24	38.40	10.57	35.35	45.86	54.00	-8.14	Horizontal

802.11n(HT20) 5240MHz (worst case:MIMO)

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10480	38.02	39.15	8.32	35.78	49.71	68.2	-18.49	Vertical
15720	35.98	38.00	10.72	35.37	49.33	68.2	-18.87	Vertical
10480	42.19	39.15	8.32	35.78	53.88	68.2	-14.32	Horizontal
15720	36.08	38.00	10.72	35.37	49.43	68.2	-18.77	Horizontal

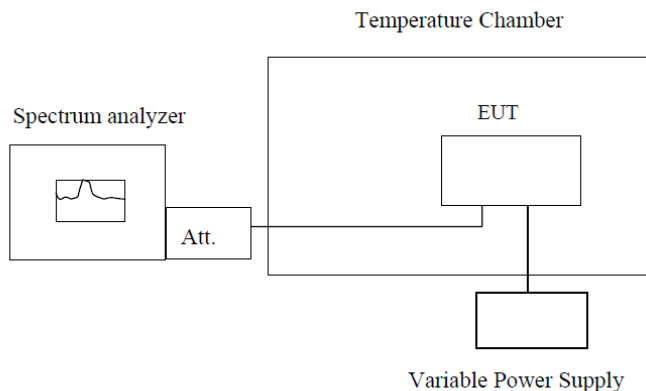
Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10480	33.03	39.15	8.32	35.78	44.72	54.00	-9.28	Vertical
15720	29.52	38.00	10.72	35.37	42.87	54.00	-11.13	Vertical
10480	36.13	39.15	8.32	35.78	47.82	54.00	-6.18	Horizontal
15720	31.18	38.00	10.72	35.37	44.53	54.00	-9.47	Horizontal

Notes:

1. Level = Read Level + Antenna Factor+ Cable loss- Preamp Factor.
2. The test trace is same as the ambient noise (the test frequency range: 18GHz~40GHz), therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

7.8 Frequency stability

Test Requirement:	FCC Part15 C Section 15.407(g)
Test Method:	ANSI C63.10:2013, FCC Part 2.1055
Limit:	Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified
Test Procedure:	The EUT was setup to ANSI C63.4, 2003; tested to 2.1055 for compliance to FCC Part 15.407(g) requirements.
Test setup:	 <p>Note : Measurement setup for testing on Antenna connector</p>
Test Instruments:	Refer to section 6 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Remark: Set the EUT transmits at un-modulation mode to test frequency stability.

Measurement data:

Frequency stability versus Temp.													
Worst Case Operating Frequency: 5180MHz													
Temp. (°C)	Power Supply (VDC)	0 minute			2 minute			5 minute			10 minute		
		Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail
-30	12.0	5180.01	1.93	Pass	5180.02	3.86	Pass	5179.98	-3.86	Pass	5179.99	-1.93	Pass
-20	12.0	5179.97	-5.79	Pass	5179.99	-1.93	Pass	5180.03	5.79	Pass	5180.04	7.72	Pass
-10	12.0	5179.96	-7.72	Pass	5179.97	-5.79	Pass	5179.97	-5.79	Pass	5179.98	-3.86	Pass
0	12.0	5179.98	-3.86	Pass	5179.99	-1.93	Pass	5179.99	-1.93	Pass	5180.03	5.79	Pass
10	12.0	5179.99	-1.93	Pass	5180.03	5.79	Pass	5179.96	-7.72	Pass	5179.97	-5.79	Pass
20	12.0	5179.97	-5.79	Pass	5179.98	-3.86	Pass	5179.97	-5.79	Pass	5180.01	1.93	Pass
30	12.0	5179.99	-1.93	Pass	5179.97	-5.79	Pass	5179.98	-3.86	Pass	5179.99	-1.93	Pass
40	12.0	5179.95	-9.65	Pass	5179.96	-7.72	Pass	5179.99	-1.93	Pass	5180.02	3.86	Pass
50	12.0	5179.99	-1.93	Pass	5179.98	-3.86	Pass	5179.98	-3.86	Pass	5179.97	-5.79	Pass
Frequency stability versus Voltage.													
Worst Case Operating Frequency: 5180MHz													
Temp. (°C)	Power Supply (VDC)	0 minute			2 minute			5 minute			10 minute		
		Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail
25	6.3	5180.01	1.93	Pass	5179.99	-1.93	Pass	5180.01	1.93	Pass	5179.99	-1.93	Pass
25	12.0	5180.00	0.00	Pass	5180.01	1.93	Pass	5180.00	0.00	Pass	5179.98	-3.86	Pass
25	18.7	5180.02	3.86	Pass	5179.98	-3.86	Pass	5179.99	-1.93	Pass	5180.00	0.00	Pass
Frequency stability versus Temp.													
Worst Case Operating Frequency: 5240MHz													
Temp. (°C)	Power Supply (VDC)	0 minute			2 minute			5 minute			10 minute		
		Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail
-30	12.0	5239.98	-3.85	Pass	5240.01	1.92	Pass	5240.02	3.85	Pass	5239.98	-3.85	Pass
-20	12.0	5240.02	3.85	Pass	5239.98	3.85	Pass	5239.98	-3.85	Pass	5240.02	3.85	Pass
-10	12.0	5240.01	1.92	Pass	5239.99	-1.92	Pass	5239.97	-5.73	Pass	5239.98	-3.85	Pass
0	12.0	5239.99	-1.92	Pass	5239.97	-5.73	Pass	5240.02	3.85	Pass	5239.99	-1.92	Pass
10	12.0	5239.98	-3.85	Pass	5239.98	-3.85	Pass	5239.99	-1.92	Pass	5239.97	-5.73	Pass
20	12.0	5240.03	5.73	Pass	5240.02	3.85	Pass	5239.98	-3.85	Pass	5240.02	3.85	Pass
30	12.0	5239.98	-3.85	Pass	5239.99	-1.92	Pass	5239.97	-5.73	Pass	5239.98	-3.85	Pass
40	12.0	5239.99	-1.92	Pass	5239.98	-3.85	Pass	5240.02	3.85	Pass	5239.98	-3.85	Pass
50	12.0	5240.02	3.85	Pass	5239.96	-7.63	Pass	5239.98	-3.85	Pass	5240.02	3.85	Pass
Frequency stability versus Voltage.													
Worst Case Operating Frequency: 5240MHz													
Temp. (°C)	Power Supply (VDC)	0 minute			2 minute			5 minute			10 minute		
		Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail	Measured Frequency (MHz)	Frequency Error (ppm)	Pass / Fail
25	6.3	5239.98	-3.85	Pass	5240.01	1.92	Pass	5240.00	0.00	Pass	5239.99	-1.92	Pass
25	12.0	5240.01	1.92	Pass	5239.98	-3.85	Pass	5240.02	3.85	Pass	5239.98	-3.85	Pass
25	18.7	5239.98	-3.85	Pass	5239.99	-1.92	Pass	5239.99	-1.92	Pass	5239.99	-1.92	Pass

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

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