



## 6.9 POWERLINE CONDUCTED EMISSIONS

### 6.9.1 LIMIT

According to §15.207(a), except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency Range (MHz)	Limits (dB $\mu$ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56*	56 to 46*
0.50 to 5	56	46
5 to 30	60	50

\* Decreases with the logarithm of the frequency.

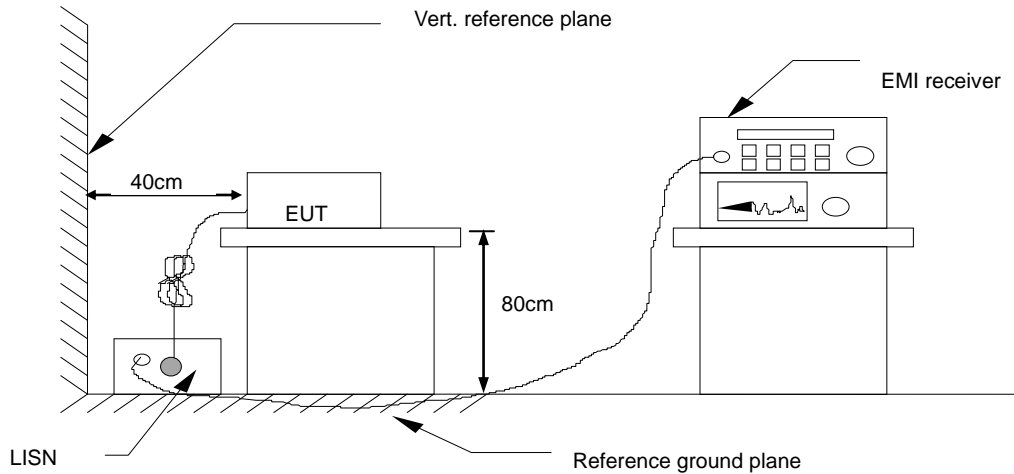
### 6.9.2 TEST INSTRUMENTS

Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2016	02/20/2017
LISN(EUT)	ROHDE&SCHWARZ	ENV216	101543-WX	02/21/2016	02/20/2017
LISN	EMCO	3825/2	8901-1459	02/21/2016	02/20/2017
Temp. / Humidity Meter	VICTOR	HTC-1	N/A	02/21/2016	02/20/2017
Test S/W	FARAD	EZ-EMC/ CCS-3A1-CE			

- NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
2. N.C.R = No Calibration Request.



### 6.9.3 TEST CONFIGURATION



### 6.9.4 TEST PROCEDURE

1. The EUT was placed on a table, which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

### 6.9.5 DATA SAMPLE

Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62	Pass

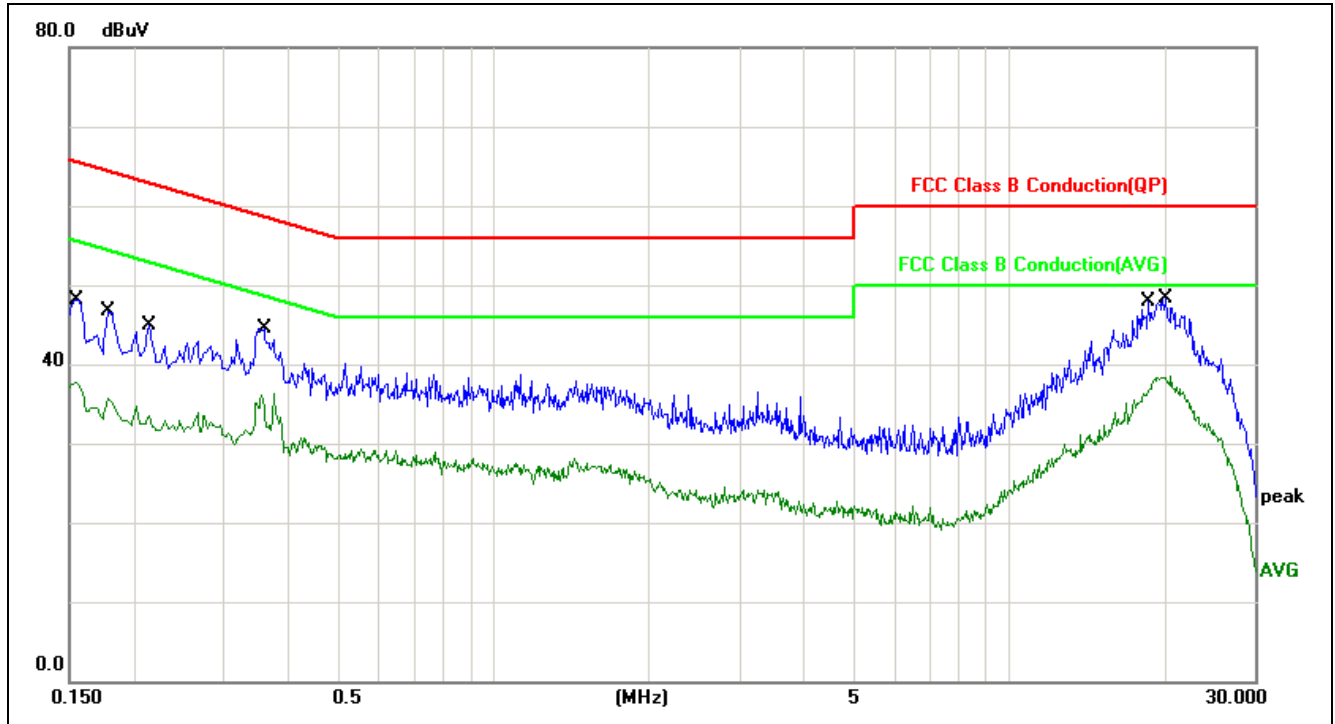
Factor = Insertion loss of LISN + Cable Loss  
Result = Quasi-peak Reading/ Average Reading + Factor  
Limit = Limit stated in standard  
Margin = Result (dBuV) – Limit (dBuV)





6.9.6 TEST RESULTS

<b>Model No.</b>	SR555ac	<b>RBW,VBW</b>	9 kHz
<b>Environmental Conditions</b>	22°C, 45% RH	<b>Test Mode</b>	Mode 2
<b>Tested by</b>	Ad Gan	<b>Line</b>	L1
<b>Test Date</b>	April 6, 2016		

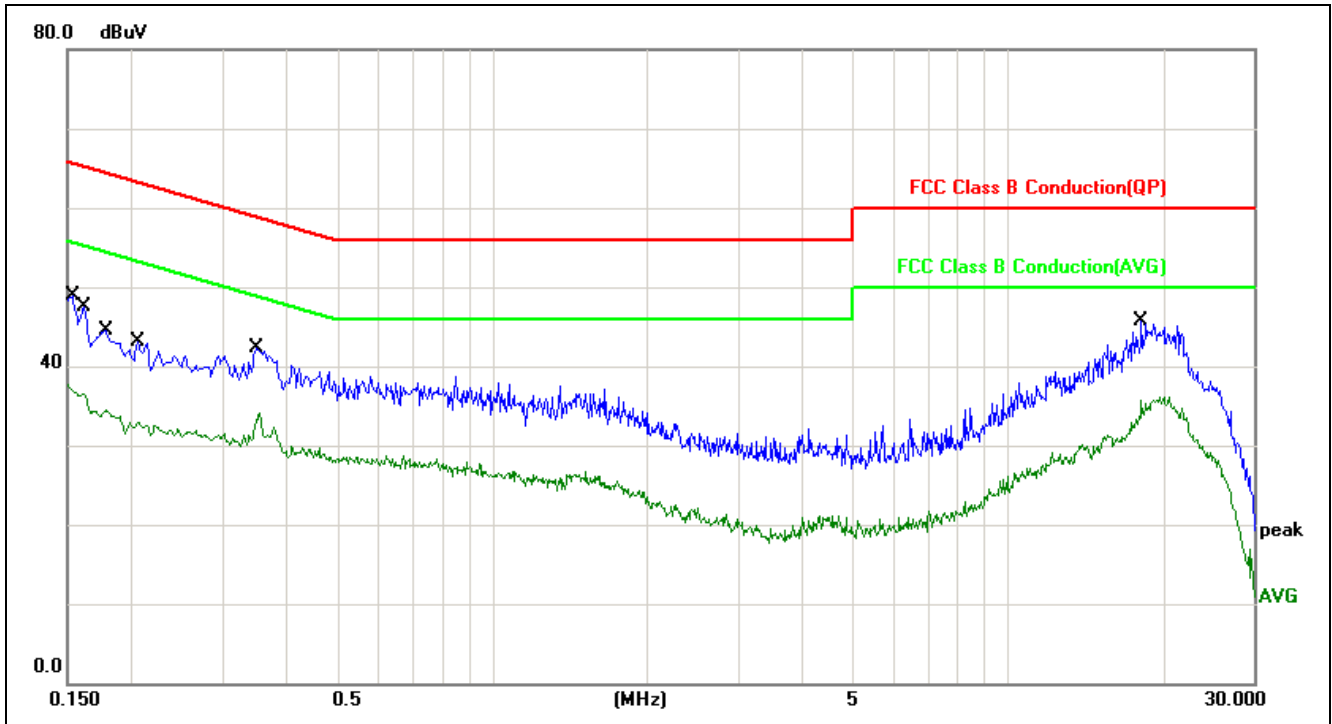


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1548	30.58	23.34	12.91	43.49	36.25	65.73	55.73	-22.24	-19.48	Pass	L1
0.1780	28.64	22.28	11.90	40.54	34.18	64.57	54.57	-24.03	-20.39	Pass	L1
0.2140	27.16	21.57	10.92	38.08	32.49	63.04	53.04	-24.96	-20.55	Pass	L1
0.3580	29.65	23.09	10.63	40.28	33.72	58.77	48.77	-18.49	-15.05	Pass	L1
18.6820	30.56	25.60	10.51	41.07	36.11	60.00	50.00	-18.93	-13.89	Pass	L1
20.1540	31.74	26.71	10.53	42.27	37.24	60.00	50.00	-17.73	-12.76	Pass	L1

REMARKS: L1 = Line One (Live Line)



<b>Model No.</b>	SR555ac	<b>RBW,VBW</b>	9 kHz
<b>Environmental Conditions</b>	22°C, 45% RH	<b>Test Mode</b>	Mode 2
<b>Tested by</b>	Ad Gan	<b>Line</b>	L1
<b>Test Date</b>	April 6, 2016		



Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1539	31.07	22.81	13.35	44.42	36.16	65.78	55.78	-21.36	-19.62	Pass	L2
0.1620	29.73	22.66	12.93	42.66	35.59	65.36	55.36	-22.70	-19.77	Pass	L2
0.1780	27.44	21.69	12.10	39.54	33.79	64.57	54.57	-25.03	-20.78	Pass	L2
0.2060	26.41	21.03	10.95	37.36	31.98	63.36	53.36	-26.00	-21.38	Pass	L2
0.3500	27.05	21.77	10.65	37.70	32.42	58.96	48.96	-21.26	-16.54	Pass	L2
18.1940	27.75	22.58	10.48	38.23	33.06	60.00	50.00	-21.77	-16.94	Pass	L2

**REMARKS:** L2 = Line Two (Neutral Line)



## 6.10 FREQUENCY STABILITY

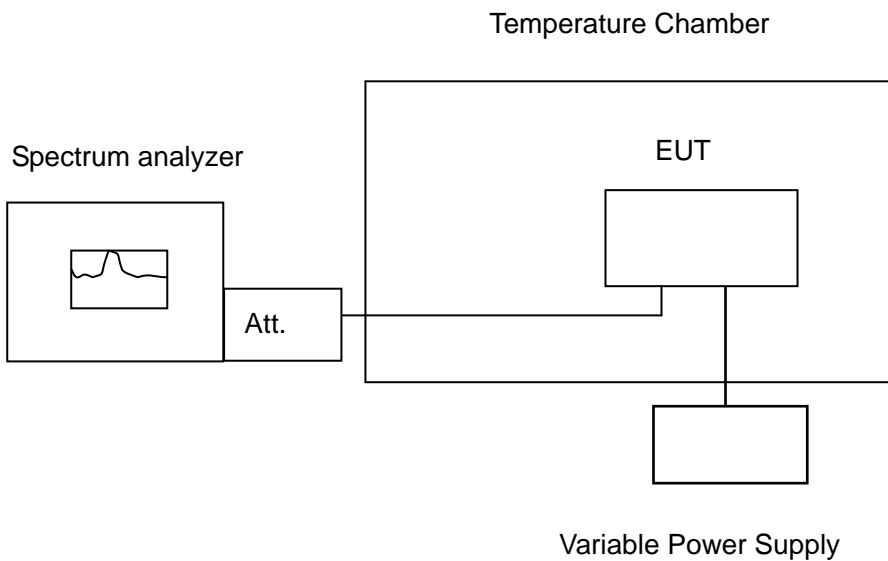
### 6.10.1 LIMIT

According to §15.407(g), manufacturers 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 in the operational description.

### 6.10.2 TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	02/21/2016	02/20/2017
DC Power Supply	DAZHENG	PS-605D	20018978	N.C.R	N.C.R
AC POWER SOUCE	UMART	HPA1010	N/A	N.C.R	N.C.R
Power Meter	Anritsu	ML2495A	1204003	02/21/2016	02/20/2017
Power Sensor	Anritsu	MA2411B	1126150	02/21/2016	02/20/2017
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2015	11/17/2016
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2016	02/20/2017

### 6.10.3 TEST CONFIGURATION



**Remark:** Measurement setup for testing on Antenna connector



#### 6.10.4 TEST PROCEDURE

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

#### 6.10.5 TEST RESULTS

*No non-compliance noted.*



Test Data  
Antenna 0

IEEE 802.11a MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.956051	5150-5250	PASS
40	120	5179.980274	5150-5250	PASS
30	120	5179.960226	5150-5250	PASS
20	120	5179.983000	5150-5250	PASS
10	120	5179.967913	5150-5250	PASS
0	120	5179.949486	5150-5250	PASS
-10	120	5179.969110	5150-5250	PASS
-20	120	5179.970970	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.963711	5150-5250	PASS
	120	5179.983000	5150-5250	PASS
	132	5179.965808	5150-5250	PASS

IEEE 802.11a MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.953155	5150-5250	PASS
40	120	5239.966527	5150-5250	PASS
30	120	5239.951231	5150-5250	PASS
20	120	5240.012000	5150-5250	PASS
10	120	5239.949312	5150-5250	PASS
0	120	5239.950376	5150-5250	PASS
-10	120	5239.961051	5150-5250	PASS
-20	120	5239.972440	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.966980	5150-5250	PASS
	120	5240.012000	5150-5250	PASS
	132	5239.966288	5150-5250	PASS



**IEEE 802.11a mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.960403	5250-5350	PASS
40	120	5259.966159	5250-5350	PASS
30	120	5259.989052	5250-5350	PASS
20	120	5260.001000	5250-5350	PASS
10	120	5259.990902	5250-5350	PASS
0	120	5259.999809	5250-5350	PASS
-10	120	5259.959527	5250-5350	PASS
-20	120	5259.984064	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.994585	5250-5350	PASS
	120	5260.001000	5250-5350	PASS
	132	5259.980037	5250-5350	PASS

**IEEE 802.11a mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.973435	5250-5350	PASS
40	120	5319.952109	5250-5350	PASS
30	120	5319.980150	5250-5350	PASS
20	120	5320.002700	5250-5350	PASS
10	120	5319.959633	5250-5350	PASS
0	120	5319.975659	5250-5350	PASS
-10	120	5319.963193	5250-5350	PASS
-20	120	5319.998884	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.972648	5250-5350	PASS
	120	5320.002700	5250-5350	PASS
	132	5319.972331	5250-5350	PASS



**IEEE 802.11a mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.949304	5475-5725	PASS
40	120	5499.959234	5475-5725	PASS
30	120	5499.952174	5475-5725	PASS
20	120	5500.008000	5475-5725	PASS
10	120	5499.996756	5475-5725	PASS
0	120	5499.965269	5475-5725	PASS
-10	120	5499.958465	5475-5725	PASS
-20	120	5499.972787	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.970853	5475-5725	PASS
	120	5500.008000	5475-5725	PASS
	132	5499.995772	5475-5725	PASS

**IEEE 802.11a mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.973666	5475-5725	PASS
40	120	5699.969636	5475-5725	PASS
30	120	5699.999617	5475-5725	PASS
20	120	5699.998900	5475-5725	PASS
10	120	5699.963072	5475-5725	PASS
0	120	5699.973423	5475-5725	PASS
-10	120	5699.983331	5475-5725	PASS
-20	120	5699.987436	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.976860	5475-5725	PASS
	120	5699.998900	5475-5725	PASS
	132	5699.995301	5475-5725	PASS



**IEEE 802.11a mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.973888	5725-5850	PASS
40	120	5744.991273	5725-5850	PASS
30	120	5744.988115	5725-5850	PASS
20	120	5744.998268	5725-5850	PASS
10	120	5744.998630	5725-5850	PASS
0	120	5744.957042	5725-5850	PASS
-10	120	5744.994460	5725-5850	PASS
-20	120	5744.963827	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.995700	5725-5850	PASS
	120	5744.998268	5725-5850	PASS
	132	5744.964564	5725-5850	PASS

**IEEE 802.11a mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.999873	5725-5850	PASS
40	120	5824.990669	5725-5850	PASS
30	120	5824.996282	5725-5850	PASS
20	120	5824.996540	5725-5850	PASS
10	120	5824.953910	5725-5850	PASS
0	120	5824.995045	5725-5850	PASS
-10	120	5824.992137	5725-5850	PASS
-20	120	5824.966933	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.998419	5725-5850	PASS
	120	5824.996540	5725-5850	PASS
	132	5824.960792	5725-5850	PASS





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IEEE 802.11a MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.964269	5150-5250	PASS
40	120	5179.994929	5150-5250	PASS
30	120	5179.995268	5150-5250	PASS
20	120	5179.997700	5150-5250	PASS
10	120	5179.995442	5150-5250	PASS
0	120	5179.975237	5150-5250	PASS
-10	120	5179.950146	5150-5250	PASS
-20	120	5179.999744	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.980699	5150-5250	PASS
	120	5179.997700	5150-5250	PASS
	132	5179.958560	5150-5250	PASS

IEEE 802.11a MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.997433	5150-5250	PASS
40	120	5239.988754	5150-5250	PASS
30	120	5239.956054	5150-5250	PASS
20	120	5240.003200	5150-5250	PASS
10	120	5239.988284	5150-5250	PASS
0	120	5239.983273	5150-5250	PASS
-10	120	5239.996093	5150-5250	PASS
-20	120	5239.997266	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.951057	5150-5250	PASS
	120	5240.003200	5150-5250	PASS
	132	5239.986898	5150-5250	PASS



**IEEE 802.11a mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.982322	5250-5350	PASS
40	120	5259.952728	5250-5350	PASS
30	120	5259.961024	5250-5350	PASS
20	120	5260.001600	5250-5350	PASS
10	120	5259.977487	5250-5350	PASS
0	120	5259.971931	5250-5350	PASS
-10	120	5259.970476	5250-5350	PASS
-20	120	5259.967316	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.989697	5250-5350	PASS
	120	5260.001600	5250-5350	PASS
	132	5259.983328	5250-5350	PASS

**IEEE 802.11a mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.965049	5250-5350	PASS
40	120	5319.992427	5250-5350	PASS
30	120	5319.965167	5250-5350	PASS
20	120	5320.002600	5250-5350	PASS
10	120	5319.975537	5250-5350	PASS
0	120	5319.953005	5250-5350	PASS
-10	120	5319.957869	5250-5350	PASS
-20	120	5319.991921	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.987949	5250-5350	PASS
	120	5320.002600	5250-5350	PASS
	132	5319.960308	5250-5350	PASS



**IEEE 802.11a mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.986072	5475-5725	PASS
40	120	5499.962297	5475-5725	PASS
30	120	5499.986587	5475-5725	PASS
20	120	5500.004300	5475-5725	PASS
10	120	5499.967836	5475-5725	PASS
0	120	5499.977451	5475-5725	PASS
-10	120	5499.964589	5475-5725	PASS
-20	120	5499.966687	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.984725	5475-5725	PASS
	120	5500.004300	5475-5725	PASS
	132	5499.988599	5475-5725	PASS

**IEEE 802.11a mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.992757	5475-5725	PASS
40	120	5699.978091	5475-5725	PASS
30	120	5699.968423	5475-5725	PASS
20	120	5699.998900	5475-5725	PASS
10	120	5699.958979	5475-5725	PASS
0	120	5699.990021	5475-5725	PASS
-10	120	5699.987567	5475-5725	PASS
-20	120	5699.992117	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.964259	5475-5725	PASS
	120	5699.998900	5475-5725	PASS
	132	5699.962033	5475-5725	PASS



**IEEE 802.11a mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.962298	5725-5850	PASS
40	120	5744.959973	5725-5850	PASS
30	120	5744.965549	5725-5850	PASS
20	120	5744.998730	5725-5850	PASS
10	120	5744.965145	5725-5850	PASS
0	120	5744.987957	5725-5850	PASS
-10	120	5744.972323	5725-5850	PASS
-20	120	5744.965966	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.958273	5725-5850	PASS
	120	5744.998730	5725-5850	PASS
	132	5744.978223	5725-5850	PASS

**IEEE 802.11a mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.958583	5725-5850	PASS
40	120	5824.965489	5725-5850	PASS
30	120	5824.975381	5725-5850	PASS
20	120	5825.005000	5725-5850	PASS
10	120	5824.979769	5725-5850	PASS
0	120	5824.998963	5725-5850	PASS
-10	120	5824.959710	5725-5850	PASS
-20	120	5824.972593	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.949599	5725-5850	PASS
	120	5825.005000	5725-5850	PASS
	132	5824.960949	5725-5850	PASS



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IEEE 802.11a MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.979477	5150-5250	PASS
40	120	5179.993093	5150-5250	PASS
30	120	5179.991642	5150-5250	PASS
20	120	5179.999000	5150-5250	PASS
10	120	5179.988349	5150-5250	PASS
0	120	5179.968995	5150-5250	PASS
-10	120	5179.996801	5150-5250	PASS
-20	120	5179.974941	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.960854	5150-5250	PASS
	120	5179.999000	5150-5250	PASS
	132	5179.973682	5150-5250	PASS

IEEE 802.11a MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.972858	5150-5250	PASS
40	120	5239.989081	5150-5250	PASS
30	120	5239.979331	5150-5250	PASS
20	120	5240.001000	5150-5250	PASS
10	120	5239.967720	5150-5250	PASS
0	120	5239.999817	5150-5250	PASS
-10	120	5239.996059	5150-5250	PASS
-20	120	5239.959388	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.998352	5150-5250	PASS
	120	5240.001000	5150-5250	PASS
	132	5239.967595	5150-5250	PASS



**IEEE 802.11a mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.955382	5250-5350	PASS
40	120	5259.983861	5250-5350	PASS
30	120	5259.992118	5250-5350	PASS
20	120	5260.001000	5250-5350	PASS
10	120	5259.983064	5250-5350	PASS
0	120	5259.975330	5250-5350	PASS
-10	120	5259.977099	5250-5350	PASS
-20	120	5259.975847	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.952321	5250-5350	PASS
	120	5260.001000	5250-5350	PASS
	132	5259.972187	5250-5350	PASS

**IEEE 802.11a mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.986632	5250-5350	PASS
40	120	5319.968011	5250-5350	PASS
30	120	5319.958146	5250-5350	PASS
20	120	5320.002000	5250-5350	PASS
10	120	5319.974606	5250-5350	PASS
0	120	5319.954774	5250-5350	PASS
-10	120	5319.960460	5250-5350	PASS
-20	120	5319.987322	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.986526	5250-5350	PASS
	120	5320.002000	5250-5350	PASS
	132	5319.951515	5250-5350	PASS



**IEEE 802.11a mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.963987	5475-5725	PASS
40	120	5499.976188	5475-5725	PASS
30	120	5499.976245	5475-5725	PASS
20	120	5500.001000	5475-5725	PASS
10	120	5499.973899	5475-5725	PASS
0	120	5499.987521	5475-5725	PASS
-10	120	5499.960586	5475-5725	PASS
-20	120	5499.973381	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.966017	5475-5725	PASS
	120	5500.001000	5475-5725	PASS
	132	5499.966199	5475-5725	PASS

**IEEE 802.11a mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.972645	5475-5725	PASS
40	120	5699.981536	5475-5725	PASS
30	120	5699.961821	5475-5725	PASS
20	120	5699.998500	5475-5725	PASS
10	120	5699.955876	5475-5725	PASS
0	120	5699.985899	5475-5725	PASS
-10	120	5699.978493	5475-5725	PASS
-20	120	5699.979035	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.972181	5475-5725	PASS
	120	5699.998500	5475-5725	PASS
	132	5699.988502	5475-5725	PASS



**IEEE 802.11a mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.974139	5725-5850	PASS
40	120	5744.959680	5725-5850	PASS
30	120	5744.952048	5725-5850	PASS
20	120	5744.998630	5725-5850	PASS
10	120	5744.963535	5725-5850	PASS
0	120	5744.969233	5725-5850	PASS
-10	120	5744.971846	5725-5850	PASS
-20	120	5744.984841	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.975004	5725-5850	PASS
	120	5744.998630	5725-5850	PASS
	132	5744.971100	5725-5850	PASS

**IEEE 802.11a mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.969777	5725-5850	PASS
40	120	5824.984183	5725-5850	PASS
30	120	5824.975097	5725-5850	PASS
20	120	5825.003000	5725-5850	PASS
10	120	5824.949702	5725-5850	PASS
0	120	5824.984097	5725-5850	PASS
-10	120	5824.997961	5725-5850	PASS
-20	120	5824.968900	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.968133	5725-5850	PASS
	120	5825.003000	5725-5850	PASS
	132	5824.998970	5725-5850	PASS





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IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.985382	5150-5250	PASS
40	120	5179.979215	5150-5250	PASS
30	120	5179.974287	5150-5250	PASS
20	120	5179.999400	5150-5250	PASS
10	120	5179.962686	5150-5250	PASS
0	120	5179.977355	5150-5250	PASS
-10	120	5179.955917	5150-5250	PASS
-20	120	5179.984477	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.979542	5150-5250	PASS
	120	5179.999400	5150-5250	PASS
	132	5179.993791	5150-5250	PASS

IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.978296	5150-5250	PASS
40	120	5239.977965	5150-5250	PASS
30	120	5239.994492	5150-5250	PASS
20	120	5239.999000	5150-5250	PASS
10	120	5239.963580	5150-5250	PASS
0	120	5239.981559	5150-5250	PASS
-10	120	5239.958554	5150-5250	PASS
-20	120	5239.992800	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.995053	5150-5250	PASS
	120	5239.999000	5150-5250	PASS
	132	5239.958322	5150-5250	PASS



**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.952008	5250-5350	PASS
40	120	5259.953865	5250-5350	PASS
30	120	5259.988895	5250-5350	PASS
20	120	5259.996500	5250-5350	PASS
10	120	5259.951265	5250-5350	PASS
0	120	5259.993701	5250-5350	PASS
-10	120	5259.997549	5250-5350	PASS
-20	120	5259.999904	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.979374	5250-5350	PASS
	120	5259.996500	5250-5350	PASS
	132	5259.999437	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.971653	5250-5350	PASS
40	120	5319.971970	5250-5350	PASS
30	120	5319.954376	5250-5350	PASS
20	120	5319.998200	5250-5350	PASS
10	120	5319.954618	5250-5350	PASS
0	120	5319.987279	5250-5350	PASS
-10	120	5319.978581	5250-5350	PASS
-20	120	5319.953031	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.969929	5250-5350	PASS
	120	5319.998200	5250-5350	PASS
	132	5319.984579	5250-5350	PASS



**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.999706	5475-5725	PASS
40	120	5499.952449	5475-5725	PASS
30	120	5499.953134	5475-5725	PASS
20	120	5499.998700	5475-5725	PASS
10	120	5499.970879	5475-5725	PASS
0	120	5499.958689	5475-5725	PASS
-10	120	5499.990447	5475-5725	PASS
-20	120	5499.974645	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.962773	5475-5725	PASS
	120	5499.998700	5475-5725	PASS
	132	5499.955699	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.983475	5475-5725	PASS
40	120	5699.955581	5475-5725	PASS
30	120	5699.982495	5475-5725	PASS
20	120	5699.998700	5475-5725	PASS
10	120	5699.983234	5475-5725	PASS
0	120	5699.986451	5475-5725	PASS
-10	120	5699.961615	5475-5725	PASS
-20	120	5699.949221	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.966895	5475-5725	PASS
	120	5699.998700	5475-5725	PASS
	132	5699.953220	5475-5725	PASS



**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.972700	5725-5850	PASS
40	120	5744.978757	5725-5850	PASS
30	120	5744.974286	5725-5850	PASS
20	120	5744.998230	5725-5850	PASS
10	120	5744.986000	5725-5850	PASS
0	120	5744.953487	5725-5850	PASS
-10	120	5744.983546	5725-5850	PASS
-20	120	5744.993898	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.964196	5725-5850	PASS
	120	5744.998230	5725-5850	PASS
	132	5744.971695	5725-5850	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.981331	5725-5850	PASS
40	120	5824.961170	5725-5850	PASS
30	120	5824.975874	5725-5850	PASS
20	120	5824.997450	5725-5850	PASS
10	120	5824.957085	5725-5850	PASS
0	120	5824.982109	5725-5850	PASS
-10	120	5824.971418	5725-5850	PASS
-20	120	5824.979064	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.974269	5725-5850	PASS
	120	5824.997450	5725-5850	PASS
	132	5824.996116	5725-5850	PASS



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IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.994516	5150-5250	PASS
40	120	5179.969901	5150-5250	PASS
30	120	5179.995218	5150-5250	PASS
20	120	5179.998900	5150-5250	PASS
10	120	5179.961806	5150-5250	PASS
0	120	5179.955722	5150-5250	PASS
-10	120	5179.971343	5150-5250	PASS
-20	120	5179.955533	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.994280	5150-5250	PASS
	120	5179.998900	5150-5250	PASS
	132	5179.951063	5150-5250	PASS

IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.964010	5150-5250	PASS
40	120	5239.964042	5150-5250	PASS
30	120	5239.972647	5150-5250	PASS
20	120	5240.006000	5150-5250	PASS
10	120	5239.981695	5150-5250	PASS
0	120	5239.984586	5150-5250	PASS
-10	120	5239.989052	5150-5250	PASS
-20	120	5239.950025	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.957203	5150-5250	PASS
	120	5240.006000	5150-5250	PASS
	132	5239.969373	5150-5250	PASS



**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.958379	5250-5350	PASS
40	120	5259.987614	5250-5350	PASS
30	120	5259.958263	5250-5350	PASS
20	120	5260.004000	5250-5350	PASS
10	120	5259.980958	5250-5350	PASS
0	120	5259.968248	5250-5350	PASS
-10	120	5259.980745	5250-5350	PASS
-20	120	5259.985724	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.981041	5250-5350	PASS
	120	5260.004000	5250-5350	PASS
	132	5259.980220	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.965581	5250-5350	PASS
40	120	5319.959425	5250-5350	PASS
30	120	5319.993421	5250-5350	PASS
20	120	5320.054000	5250-5350	PASS
10	120	5319.966175	5250-5350	PASS
0	120	5319.984472	5250-5350	PASS
-10	120	5319.999678	5250-5350	PASS
-20	120	5319.955297	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.954933	5250-5350	PASS
	120	5320.054000	5250-5350	PASS
	132	5319.972162	5250-5350	PASS



**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.988691	5475-5725	PASS
40	120	5499.997287	5475-5725	PASS
30	120	5499.966013	5475-5725	PASS
20	120	5500.059000	5475-5725	PASS
10	120	5499.958605	5475-5725	PASS
0	120	5499.970479	5475-5725	PASS
-10	120	5499.956108	5475-5725	PASS
-20	120	5499.951996	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.968731	5475-5725	PASS
	120	5500.059000	5475-5725	PASS
	132	5499.995981	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.955578	5475-5725	PASS
40	120	5699.974434	5475-5725	PASS
30	120	5699.968610	5475-5725	PASS
20	120	5699.998800	5475-5725	PASS
10	120	5699.959605	5475-5725	PASS
0	120	5699.984138	5475-5725	PASS
-10	120	5699.979731	5475-5725	PASS
-20	120	5699.958398	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.982882	5475-5725	PASS
	120	5699.998800	5475-5725	PASS
	132	5699.950090	5475-5725	PASS



**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.960861	5725-5850	PASS
40	120	5744.972608	5725-5850	PASS
30	120	5744.985444	5725-5850	PASS
20	120	5744.998700	5725-5850	PASS
10	120	5744.966197	5725-5850	PASS
0	120	5744.991950	5725-5850	PASS
-10	120	5744.999452	5725-5850	PASS
-20	120	5744.985947	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.959764	5725-5850	PASS
	120	5744.998700	5725-5850	PASS
	132	5744.972272	5725-5850	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.967160	5725-5850	PASS
40	120	5824.956561	5725-5850	PASS
30	120	5824.971900	5725-5850	PASS
20	120	5824.998500	5725-5850	PASS
10	120	5824.987520	5725-5850	PASS
0	120	5824.969637	5725-5850	PASS
-10	120	5824.964850	5725-5850	PASS
-20	120	5824.966326	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.986139	5725-5850	PASS
	120	5824.998500	5725-5850	PASS
	132	5824.967077	5725-5850	PASS





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IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.971874	5150-5250	PASS
40	120	5179.997166	5150-5250	PASS
30	120	5179.971232	5150-5250	PASS
20	120	5179.999000	5150-5250	PASS
10	120	5179.983984	5150-5250	PASS
0	120	5179.970068	5150-5250	PASS
-10	120	5179.992917	5150-5250	PASS
-20	120	5179.975500	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.953219	5150-5250	PASS
	120	5179.999000	5150-5250	PASS
	132	5179.949121	5150-5250	PASS

IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.949655	5150-5250	PASS
40	120	5239.969848	5150-5250	PASS
30	120	5239.977448	5150-5250	PASS
20	120	5240.001000	5150-5250	PASS
10	120	5239.965673	5150-5250	PASS
0	120	5239.964863	5150-5250	PASS
-10	120	5239.960532	5150-5250	PASS
-20	120	5239.972436	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.952016	5150-5250	PASS
	120	5240.001000	5150-5250	PASS
	132	5239.962387	5150-5250	PASS



**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.969562	5250-5350	PASS
40	120	5259.965025	5250-5350	PASS
30	120	5259.959364	5250-5350	PASS
20	120	5260.001000	5250-5350	PASS
10	120	5259.973137	5250-5350	PASS
0	120	5259.954085	5250-5350	PASS
-10	120	5259.951206	5250-5350	PASS
-20	120	5259.949688	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.955488	5250-5350	PASS
	120	5260.001000	5250-5350	PASS
	132	5259.978804	5250-5350	PASS

**IEEE 802.11n HT 20 MHz mode / 5260 ~ 5320MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.995454	5250-5350	PASS
40	120	5319.960158	5250-5350	PASS
30	120	5319.986563	5250-5350	PASS
20	120	5320.000000	5250-5350	PASS
10	120	5319.972582	5250-5350	PASS
0	120	5319.961562	5250-5350	PASS
-10	120	5319.956512	5250-5350	PASS
-20	120	5319.999721	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.985020	5250-5350	PASS
	120	5320.000000	5250-5350	PASS
	132	5319.951937	5250-5350	PASS



**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.958733	5475-5725	PASS
40	120	5499.974063	5475-5725	PASS
30	120	5499.979999	5475-5725	PASS
20	120	5500.000000	5475-5725	PASS
10	120	5499.989982	5475-5725	PASS
0	120	5499.991323	5475-5725	PASS
-10	120	5499.968617	5475-5725	PASS
-20	120	5499.995771	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.980014	5475-5725	PASS
	120	5500.000000	5475-5725	PASS
	132	5499.982250	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.977757	5475-5725	PASS
40	120	5699.975294	5475-5725	PASS
30	120	5699.965513	5475-5725	PASS
20	120	5699.998000	5475-5725	PASS
10	120	5699.972863	5475-5725	PASS
0	120	5699.973005	5475-5725	PASS
-10	120	5699.964093	5475-5725	PASS
-20	120	5699.974896	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.982807	5475-5725	PASS
	120	5699.998000	5475-5725	PASS
	132	5699.995588	5475-5725	PASS



**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.985653	5725-5850	PASS
40	120	5744.949934	5725-5850	PASS
30	120	5744.961088	5725-5850	PASS
20	120	5744.998700	5725-5850	PASS
10	120	5744.962376	5725-5850	PASS
0	120	5744.986331	5725-5850	PASS
-10	120	5744.994476	5725-5850	PASS
-20	120	5744.968072	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.992388	5725-5850	PASS
	120	5744.998700	5725-5850	PASS
	132	5744.981035	5725-5850	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.977706	5725-5850	PASS
40	120	5824.992019	5725-5850	PASS
30	120	5824.958442	5725-5850	PASS
20	120	5824.997800	5725-5850	PASS
10	120	5824.966980	5725-5850	PASS
0	120	5824.966614	5725-5850	PASS
-10	120	5824.978659	5725-5850	PASS
-20	120	5824.992948	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.996651	5725-5850	PASS
	120	5824.997800	5725-5850	PASS
	132	5824.989089	5725-5850	PASS



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IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.988527	5150-5250	PASS
40	120	5189.983258	5150-5250	PASS
30	120	5189.973794	5150-5250	PASS
20	120	5189.999600	5150-5250	PASS
10	120	5189.970339	5150-5250	PASS
0	120	5189.964431	5150-5250	PASS
-10	120	5189.980488	5150-5250	PASS
-20	120	5189.988596	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.981608	5150-5250	PASS
	120	5189.999600	5150-5250	PASS
	132	5189.950402	5150-5250	PASS

IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.958684	5150-5250	PASS
40	120	5229.982022	5150-5250	PASS
30	120	5229.973684	5150-5250	PASS
20	120	5230.001600	5150-5250	PASS
10	120	5229.994040	5150-5250	PASS
0	120	5229.963455	5150-5250	PASS
-10	120	5229.992107	5150-5250	PASS
-20	120	5229.958685	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.984771	5150-5250	PASS
	120	5230.001600	5150-5250	PASS
	132	5229.974759	5150-5250	PASS



**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.996918	5250-5350	PASS
40	120	5269.970354	5250-5350	PASS
30	120	5269.989447	5250-5350	PASS
20	120	5270.004000	5250-5350	PASS
10	120	5269.954607	5250-5350	PASS
0	120	5269.968203	5250-5350	PASS
-10	120	5269.950251	5250-5350	PASS
-20	120	5269.968131	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.970742	5250-5350	PASS
	120	5270.004000	5250-5350	PASS
	132	5269.970159	5250-5350	PASS

**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.967361	5250-5350	PASS
40	120	5309.991564	5250-5350	PASS
30	120	5309.958884	5250-5350	PASS
20	120	5310.023000	5250-5350	PASS
10	120	5309.986034	5250-5350	PASS
0	120	5309.992169	5250-5350	PASS
-10	120	5309.961497	5250-5350	PASS
-20	120	5309.994543	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.971454	5250-5350	PASS
	120	5310.023000	5250-5350	PASS
	132	5309.994454	5250-5350	PASS



**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.994399	5475-5725	PASS
40	120	5509.988371	5475-5725	PASS
30	120	5509.968491	5475-5725	PASS
20	120	5510.006000	5475-5725	PASS
10	120	5509.950530	5475-5725	PASS
0	120	5509.975707	5475-5725	PASS
-10	120	5509.975521	5475-5725	PASS
-20	120	5509.980168	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.951490	5475-5725	PASS
	120	5510.006000	5475-5725	PASS
	132	5509.983117	5475-5725	PASS

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.975587	5475-5725	PASS
40	120	5669.972183	5475-5725	PASS
30	120	5669.975695	5475-5725	PASS
20	120	5670.002100	5475-5725	PASS
10	120	5669.989503	5475-5725	PASS
0	120	5669.950785	5475-5725	PASS
-10	120	5669.998501	5475-5725	PASS
-20	120	5669.952770	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.959495	5475-5725	PASS
	120	5670.002100	5475-5725	PASS
	132	5669.960667	5475-5725	PASS



**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.959580	5725-5850	PASS
40	120	5754.981786	5725-5850	PASS
30	120	5754.966378	5725-5850	PASS
20	120	5754.997970	5725-5850	PASS
10	120	5754.963899	5725-5850	PASS
0	120	5754.971529	5725-5850	PASS
-10	120	5754.956839	5725-5850	PASS
-20	120	5754.978179	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.974570	5725-5850	PASS
	120	5754.997970	5725-5850	PASS
	132	5754.951158	5725-5850	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.973503	5725-5850	PASS
40	120	5794.981992	5725-5850	PASS
30	120	5794.988199	5725-5850	PASS
20	120	5794.997800	5725-5850	PASS
10	120	5794.951050	5725-5850	PASS
0	120	5794.964951	5725-5850	PASS
-10	120	5794.999996	5725-5850	PASS
-20	120	5794.957845	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.964799	5725-5850	PASS
	120	5794.997800	5725-5850	PASS
	132	5794.991285	5725-5850	PASS





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IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.991148	5150-5250	PASS
40	120	5189.974767	5150-5250	PASS
30	120	5189.985735	5150-5250	PASS
20	120	5190.002500	5150-5250	PASS
10	120	5189.968950	5150-5250	PASS
0	120	5189.999973	5150-5250	PASS
-10	120	5189.980177	5150-5250	PASS
-20	120	5189.972790	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.958832	5150-5250	PASS
	120	5190.002500	5150-5250	PASS
	132	5189.975057	5150-5250	PASS

IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.960505	5150-5250	PASS
40	120	5229.980428	5150-5250	PASS
30	120	5229.978268	5150-5250	PASS
20	120	5230.004300	5150-5250	PASS
10	120	5229.953575	5150-5250	PASS
0	120	5229.996593	5150-5250	PASS
-10	120	5229.958783	5150-5250	PASS
-20	120	5229.966253	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.969521	5150-5250	PASS
	120	5230.004300	5150-5250	PASS
	132	5229.954506	5150-5250	PASS



IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.953708	5250-5350	PASS
40	120	5269.999361	5250-5350	PASS
30	120	5269.976897	5250-5350	PASS
20	120	5270.003200	5250-5350	PASS
10	120	5269.960140	5250-5350	PASS
0	120	5269.985382	5250-5350	PASS
-10	120	5269.998938	5250-5350	PASS
-20	120	5269.992483	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.953275	5250-5350	PASS
	120	5270.003200	5250-5350	PASS
	132	5269.966668	5250-5350	PASS

IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.977906	5250-5350	PASS
40	120	5309.982847	5250-5350	PASS
30	120	5309.957082	5250-5350	PASS
20	120	5310.015000	5250-5350	PASS
10	120	5309.996421	5250-5350	PASS
0	120	5309.960739	5250-5350	PASS
-10	120	5309.979864	5250-5350	PASS
-20	120	5309.988906	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.983898	5250-5350	PASS
	120	5310.015000	5250-5350	PASS
	132	5309.978074	5250-5350	PASS



**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.993351	5475-5725	PASS
40	120	5509.974179	5475-5725	PASS
30	120	5509.967116	5475-5725	PASS
20	120	5510.066000	5475-5725	PASS
10	120	5509.953637	5475-5725	PASS
0	120	5509.987380	5475-5725	PASS
-10	120	5509.988784	5475-5725	PASS
-20	120	5509.970184	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.998314	5475-5725	PASS
	120	5510.066000	5475-5725	PASS
	132	5509.953238	5475-5725	PASS

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.984151	5475-5725	PASS
40	120	5669.985747	5475-5725	PASS
30	120	5669.975743	5475-5725	PASS
20	120	5670.036000	5475-5725	PASS
10	120	5669.977367	5475-5725	PASS
0	120	5669.984158	5475-5725	PASS
-10	120	5669.984973	5475-5725	PASS
-20	120	5669.973121	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.970870	5475-5725	PASS
	120	5670.036000	5475-5725	PASS
	132	5669.980542	5475-5725	PASS



IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.980361	5725-5850	PASS
40	120	5754.986418	5725-5850	PASS
30	120	5754.982168	5725-5850	PASS
20	120	5754.996000	5725-5850	PASS
10	120	5754.964839	5725-5850	PASS
0	120	5754.983952	5725-5850	PASS
-10	120	5754.996591	5725-5850	PASS
-20	120	5754.952456	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.975309	5725-5850	PASS
	120	5754.996000	5725-5850	PASS
	132	5754.980009	5725-5850	PASS

IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.957397	5725-5850	PASS
40	120	5794.976679	5725-5850	PASS
30	120	5794.999413	5725-5850	PASS
20	120	5794.998000	5725-5850	PASS
10	120	5794.960567	5725-5850	PASS
0	120	5794.963892	5725-5850	PASS
-10	120	5794.962642	5725-5850	PASS
-20	120	5794.980386	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.952448	5725-5850	PASS
	120	5794.998000	5725-5850	PASS
	132	5794.984434	5725-5850	PASS



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IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.968563	5150-5250	PASS
40	120	5189.961330	5150-5250	PASS
30	120	5189.998345	5150-5250	PASS
20	120	5190.004500	5150-5250	PASS
10	120	5189.991660	5150-5250	PASS
0	120	5189.985452	5150-5250	PASS
-10	120	5189.965489	5150-5250	PASS
-20	120	5189.972587	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.976432	5150-5250	PASS
	120	5190.004500	5150-5250	PASS
	132	5189.956824	5150-5250	PASS

IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.961028	5150-5250	PASS
40	120	5229.968625	5150-5250	PASS
30	120	5229.982896	5150-5250	PASS
20	120	5230.003000	5150-5250	PASS
10	120	5229.965925	5150-5250	PASS
0	120	5229.951215	5150-5250	PASS
-10	120	5229.988406	5150-5250	PASS
-20	120	5229.989224	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.949540	5150-5250	PASS
	120	5230.003000	5150-5250	PASS
	132	5229.960572	5150-5250	PASS



**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.955198	5250-5350	PASS
40	120	5269.962568	5250-5350	PASS
30	120	5269.969619	5250-5350	PASS
20	120	5270.001000	5250-5350	PASS
10	120	5269.989485	5250-5350	PASS
0	120	5269.999123	5250-5350	PASS
-10	120	5269.987506	5250-5350	PASS
-20	120	5269.968224	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.987744	5250-5350	PASS
	120	5270.001000	5250-5350	PASS
	132	5269.954287	5250-5350	PASS

**IEEE 802.11n HT 40 MHz mode / 5270 ~ 5310MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.954318	5250-5350	PASS
40	120	5309.951387	5250-5350	PASS
30	120	5309.984685	5250-5350	PASS
20	120	5310.069000	5250-5350	PASS
10	120	5309.966664	5250-5350	PASS
0	120	5309.957565	5250-5350	PASS
-10	120	5309.972772	5250-5350	PASS
-20	120	5309.959532	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.977676	5250-5350	PASS
	120	5310.069000	5250-5350	PASS
	132	5309.964130	5250-5350	PASS



IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.951452	5475-5725	PASS
40	120	5509.965224	5475-5725	PASS
30	120	5509.966414	5475-5725	PASS
20	120	5510.007000	5475-5725	PASS
10	120	5509.956957	5475-5725	PASS
0	120	5509.966658	5475-5725	PASS
-10	120	5509.968856	5475-5725	PASS
-20	120	5509.978511	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.962772	5475-5725	PASS
	120	5510.007000	5475-5725	PASS
	132	5509.979865	5475-5725	PASS

IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.959820	5475-5725	PASS
40	120	5669.957095	5475-5725	PASS
30	120	5669.971929	5475-5725	PASS
20	120	5670.068000	5475-5725	PASS
10	120	5669.974665	5475-5725	PASS
0	120	5669.980227	5475-5725	PASS
-10	120	5669.994135	5475-5725	PASS
-20	120	5669.988271	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.958787	5475-5725	PASS
	120	5670.068000	5475-5725	PASS
	132	5669.956274	5475-5725	PASS



**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.955620	5725-5850	PASS
40	120	5754.962693	5725-5850	PASS
30	120	5754.993752	5725-5850	PASS
20	120	5754.995000	5725-5850	PASS
10	120	5754.982724	5725-5850	PASS
0	120	5754.981436	5725-5850	PASS
-10	120	5754.978271	5725-5850	PASS
-20	120	5754.983583	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.958661	5725-5850	PASS
	120	5754.995000	5725-5850	PASS
	132	5754.980997	5725-5850	PASS

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz (High)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.961397	5725-5850	PASS
40	120	5794.965486	5725-5850	PASS
30	120	5794.979207	5725-5850	PASS
20	120	5794.999700	5725-5850	PASS
10	120	5794.991145	5725-5850	PASS
0	120	5794.959845	5725-5850	PASS
-10	120	5794.994023	5725-5850	PASS
-20	120	5794.999110	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.999966	5725-5850	PASS
	120	5794.999700	5725-5850	PASS
	132	5794.969809	5725-5850	PASS





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IEEE 802.11ac 80 mode / 5210MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.974420	5150-5250	PASS
40	120	5209.962897	5150-5250	PASS
30	120	5209.976632	5150-5250	PASS
20	120	5209.998500	5150-5250	PASS
10	120	5209.969016	5150-5250	PASS
0	120	5209.975324	5150-5250	PASS
-10	120	5209.975272	5150-5250	PASS
-20	120	5209.981647	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.983947	5150-5250	PASS
	120	5209.998500	5150-5250	PASS
	132	5209.984531	5150-5250	PASS

IEEE 802.11ac 80 mode / 5290MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.979144	5250-5350	PASS
40	120	5289.999858	5250-5350	PASS
30	120	5289.982889	5250-5350	PASS
20	120	5289.997400	5250-5350	PASS
10	120	5289.984969	5250-5350	PASS
0	120	5289.967019	5250-5350	PASS
-10	120	5289.999112	5250-5350	PASS
-20	120	5289.961096	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.972327	5250-5350	PASS
	120	5289.997400	5250-5350	PASS
	132	5289.966527	5250-5350	PASS



**IEEE 802.11ac 80 mode / 5530MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.996731	5475-5725	PASS
40	120	5529.995439	5475-5725	PASS
30	120	5529.989082	5475-5725	PASS
20	120	5529.998200	5475-5725	PASS
10	120	5529.985248	5475-5725	PASS
0	120	5529.966352	5475-5725	PASS
-10	120	5529.998395	5475-5725	PASS
-20	120	5529.995214	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.997333	5475-5725	PASS
	120	5529.998200	5475-5725	PASS
	132	5529.986845	5475-5725	PASS

**IEEE 802.11ac 80 mode / 5775MHz**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.962537	5725-5850	PASS
40	120	5774.996288	5725-5850	PASS
30	120	5774.961653	5725-5850	PASS
20	120	5774.997700	5725-5850	PASS
10	120	5774.975427	5725-5850	PASS
0	120	5774.978584	5725-5850	PASS
-10	120	5774.980911	5725-5850	PASS
-20	120	5774.975419	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.999428	5725-5850	PASS
	120	5774.997700	5725-5850	PASS
	132	5774.965497	5725-5850	PASS



Antenna 1

IEEE 802.11ac 80 mode / 5210MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.996531	5150-5250	PASS
40	120	5209.960783	5150-5250	PASS
30	120	5209.972297	5150-5250	PASS
20	120	5209.989000	5150-5250	PASS
10	120	5209.954348	5150-5250	PASS
0	120	5209.972846	5150-5250	PASS
-10	120	5209.986353	5150-5250	PASS
-20	120	5209.952762	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.972308	5150-5250	PASS
	120	5209.989000	5150-5250	PASS
	132	5209.998341	5150-5250	PASS

IEEE 802.11ac 80 mode / 5290MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.958128	5250-5350	PASS
40	120	5289.968670	5250-5350	PASS
30	120	5289.971239	5250-5350	PASS
20	120	5290.045000	5250-5350	PASS
10	120	5289.979703	5250-5350	PASS
0	120	5289.966173	5250-5350	PASS
-10	120	5289.957948	5250-5350	PASS
-20	120	5289.992739	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.997566	5250-5350	PASS
	120	5290.045000	5250-5350	PASS
	132	5289.992219	5250-5350	PASS



**IEEE 802.11ac 80 mode / 5530MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.953198	5475-5725	PASS
40	120	5529.997985	5475-5725	PASS
30	120	5529.983891	5475-5725	PASS
20	120	5529.988000	5475-5725	PASS
10	120	5529.979967	5475-5725	PASS
0	120	5529.966006	5475-5725	PASS
-10	120	5529.958920	5475-5725	PASS
-20	120	5529.959030	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.988421	5475-5725	PASS
	120	5529.988000	5475-5725	PASS
	132	5529.956820	5475-5725	PASS

**IEEE 802.11ac 80 mode / 5775MHz**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.957652	5725-5850	PASS
40	120	5774.973835	5725-5850	PASS
30	120	5774.962922	5725-5850	PASS
20	120	5774.999000	5725-5850	PASS
10	120	5774.956084	5725-5850	PASS
0	120	5774.999081	5725-5850	PASS
-10	120	5774.961933	5725-5850	PASS
-20	120	5774.988662	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.963251	5725-5850	PASS
	120	5774.999000	5725-5850	PASS
	132	5774.978349	5725-5850	PASS



Antenna 2

IEEE 802.11ac 80 mode / 5210MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.973224	5150-5250	PASS
40	120	5209.973351	5150-5250	PASS
30	120	5209.994155	5150-5250	PASS
20	120	5209.997600	5150-5250	PASS
10	120	5209.978864	5150-5250	PASS
0	120	5209.998484	5150-5250	PASS
-10	120	5209.972811	5150-5250	PASS
-20	120	5209.988157	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.997665	5150-5250	PASS
	120	5209.997600	5150-5250	PASS
	132	5209.949732	5150-5250	PASS

IEEE 802.11ac 80 mode / 5290MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.949146	5250-5350	PASS
40	120	5289.955370	5250-5350	PASS
30	120	5289.964649	5250-5350	PASS
20	120	5290.001800	5250-5350	PASS
10	120	5289.980397	5250-5350	PASS
0	120	5289.977966	5250-5350	PASS
-10	120	5289.986807	5250-5350	PASS
-20	120	5289.971866	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.956497	5250-5350	PASS
	120	5290.001800	5250-5350	PASS
	132	5289.981846	5250-5350	PASS



**IEEE 802.11ac 80 mode / 5530MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.993170	5475-5725	PASS
40	120	5529.991950	5475-5725	PASS
30	120	5529.957275	5475-5725	PASS
20	120	5529.999800	5475-5725	PASS
10	120	5529.965745	5475-5725	PASS
0	120	5529.954096	5475-5725	PASS
-10	120	5529.959984	5475-5725	PASS
-20	120	5529.968192	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.982144	5475-5725	PASS
	120	5529.999800	5475-5725	PASS
	132	5529.987484	5475-5725	PASS

**IEEE 802.11ac 80 mode / 5775MHz**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.993611	5725-5850	PASS
40	120	5774.995688	5725-5850	PASS
30	120	5774.967283	5725-5850	PASS
20	120	5774.999000	5725-5850	PASS
10	120	5774.962956	5725-5850	PASS
0	120	5774.962964	5725-5850	PASS
-10	120	5774.971924	5725-5850	PASS
-20	120	5774.961731	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.965762	5725-5850	PASS
	120	5774.999000	5725-5850	PASS
	132	5774.997106	5725-5850	PASS