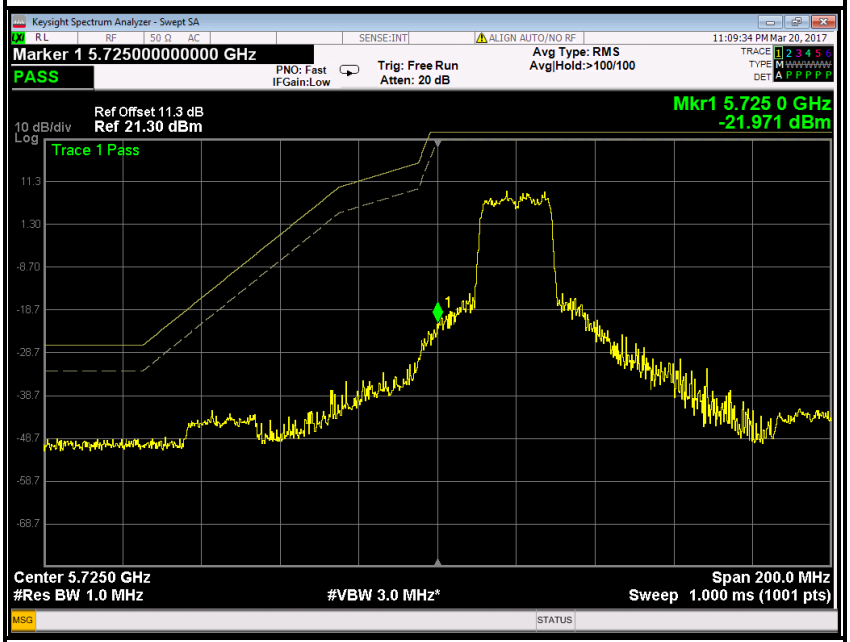
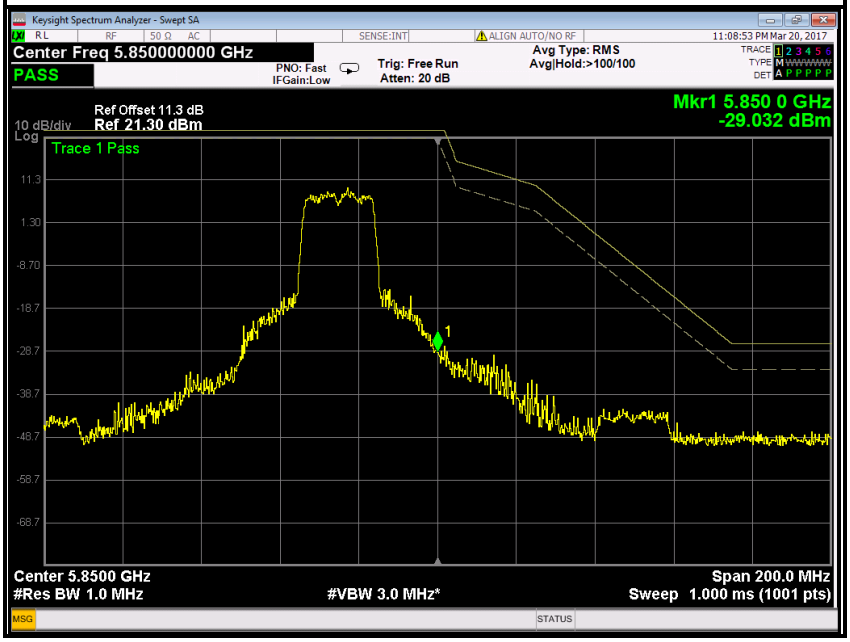
IEEE 802.11ac 20 mode / 5745 ~ 5825MHz

CH Low



CH High



IEEE 802.11ac 40 mode / 5190 ~ 5230MHz

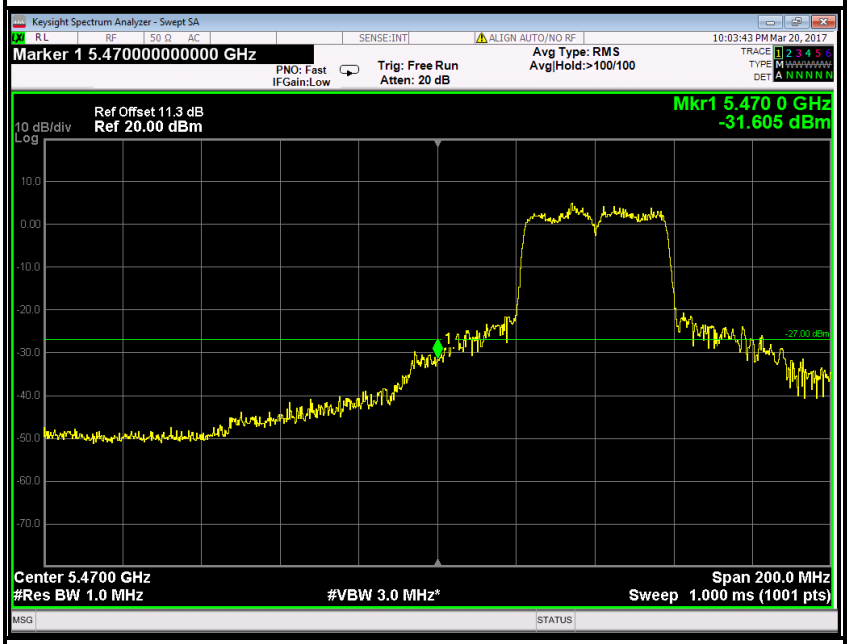
CH Low

IEEE 802.11ac 40 mode / 5270 ~ 5310MHz

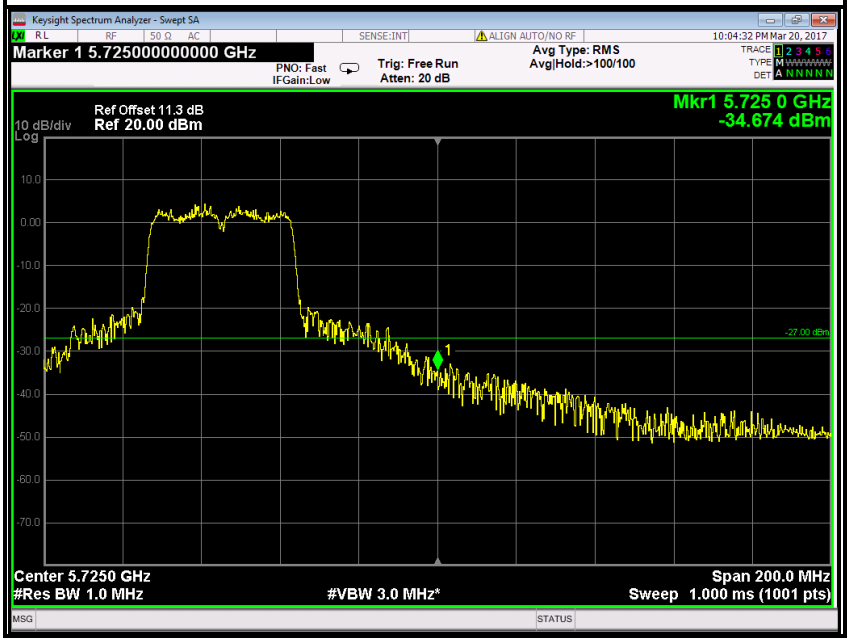
CH High

IEEE 802.11ac 40 mode / 5510 ~ 5670MHz

CH Low

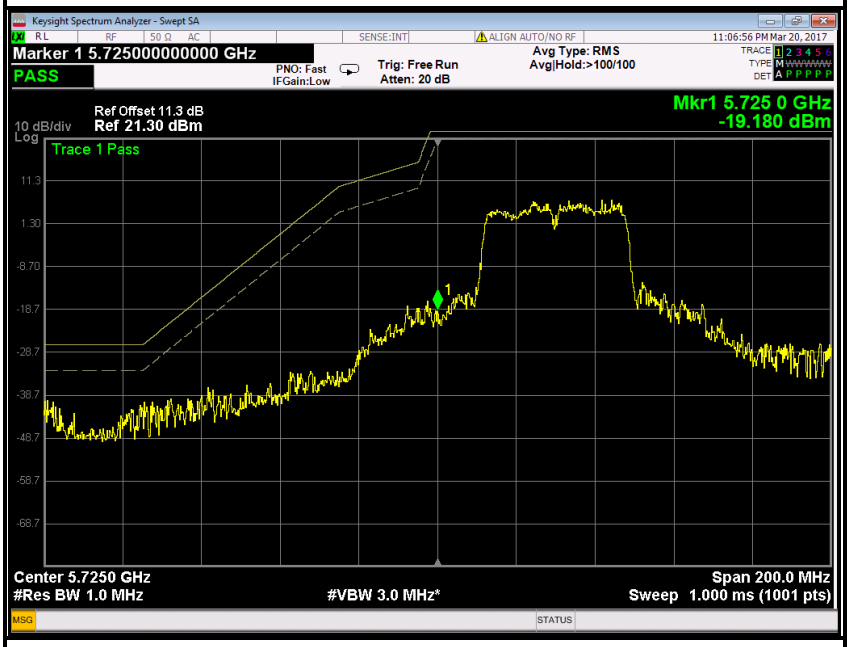


CH High



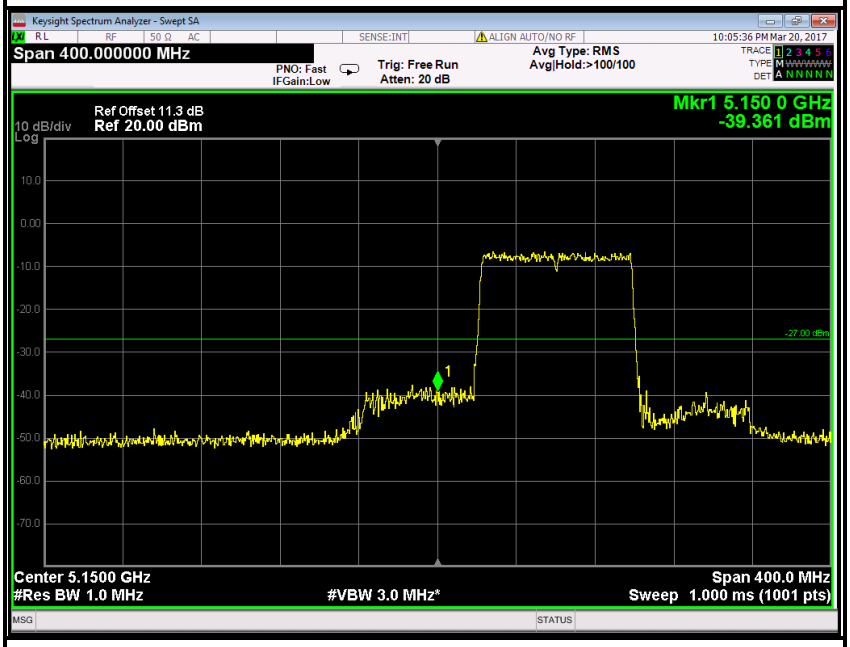
IEEE 802.11ac 40 mode / 5755 ~ 5795MHz

CH Low

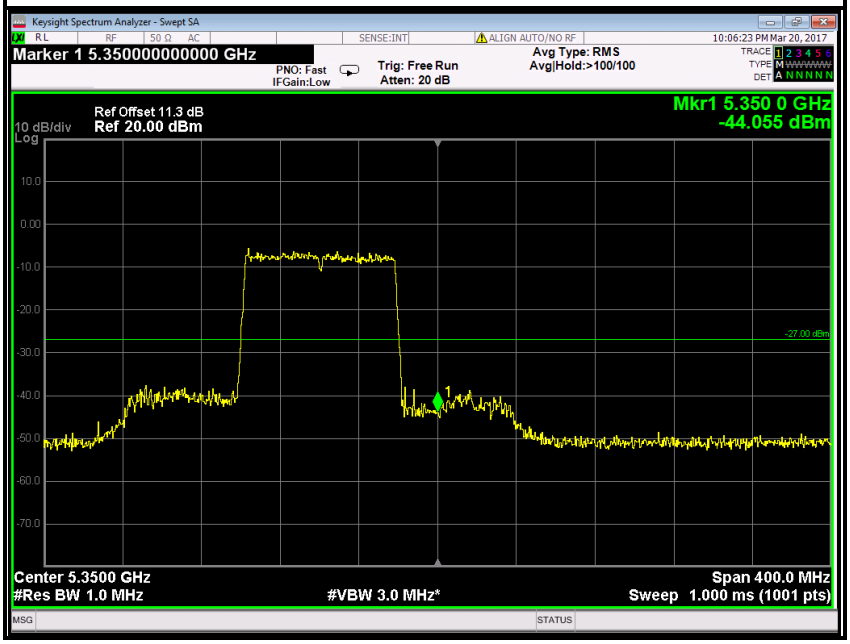


CH High

IEEE 802.11ac 80 mode / 5210MHz



IEEE 802.11ac 80 mode / 5290MHz



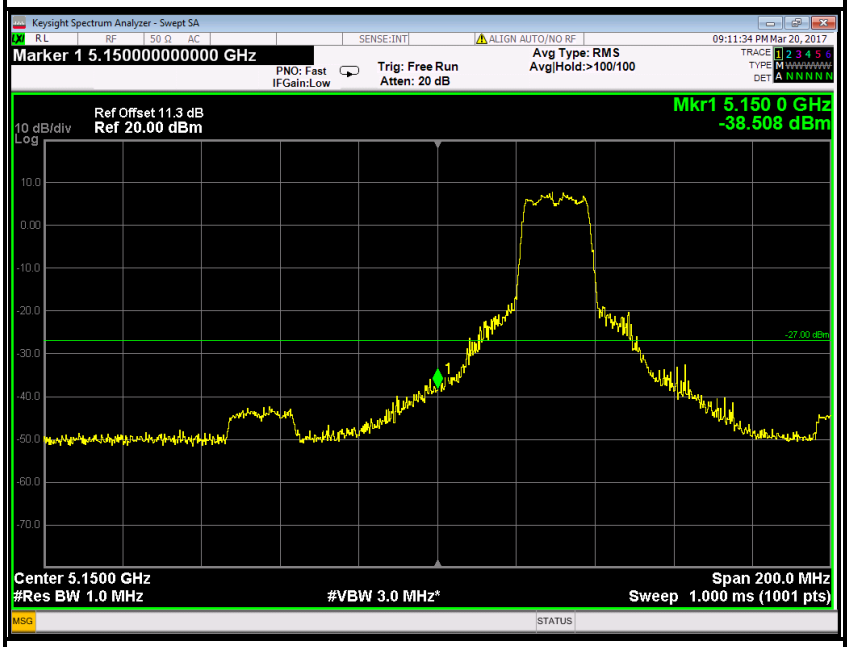
IEEE 802.11ac 80 mode / 5530MHz

IEEE 802.11ac 80 mode / 5775MHz

Antenna 2 Test Plot

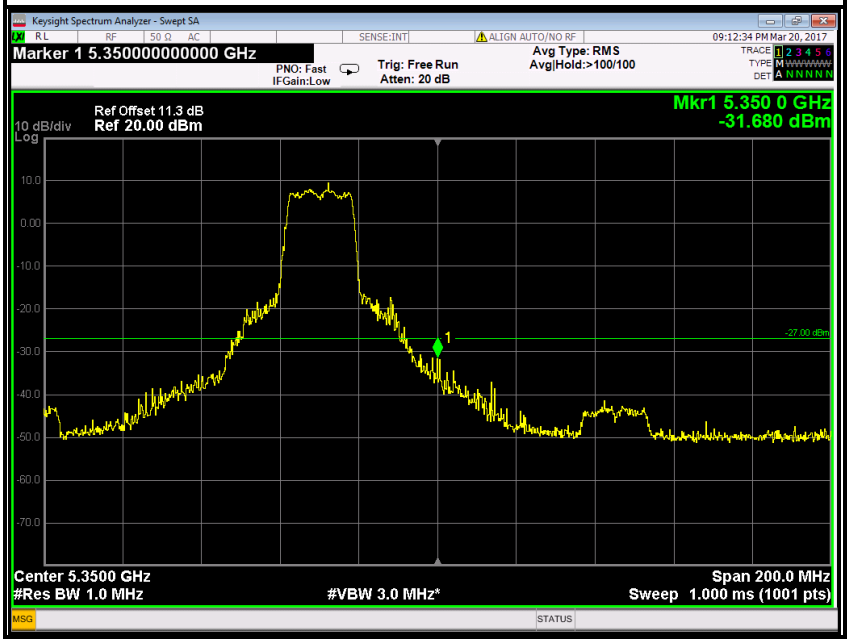
IEEE 802.11a mode / 5180 ~ 5240MHz

CH Low



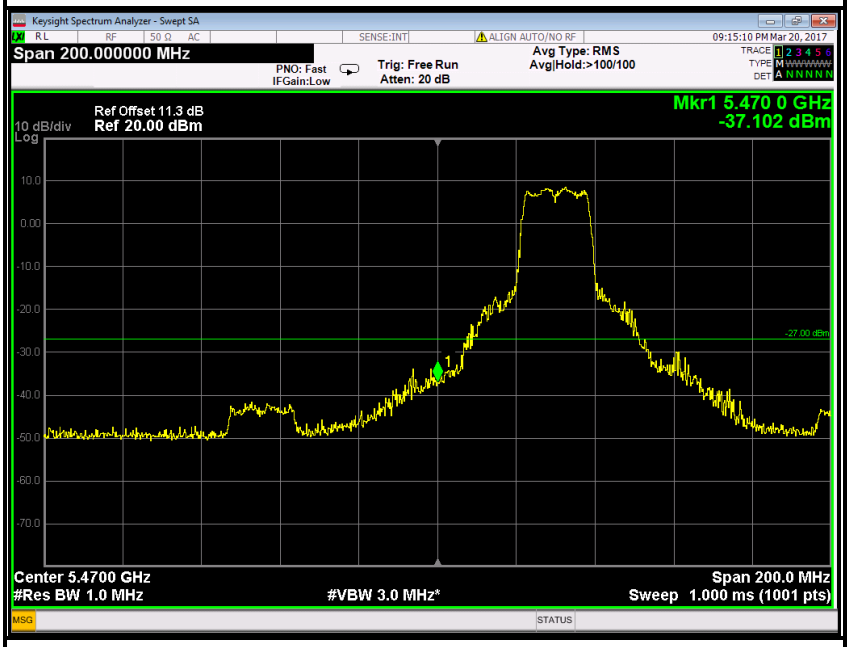
IEEE 802.11a mode / 5260~ 5320MHz

CH High

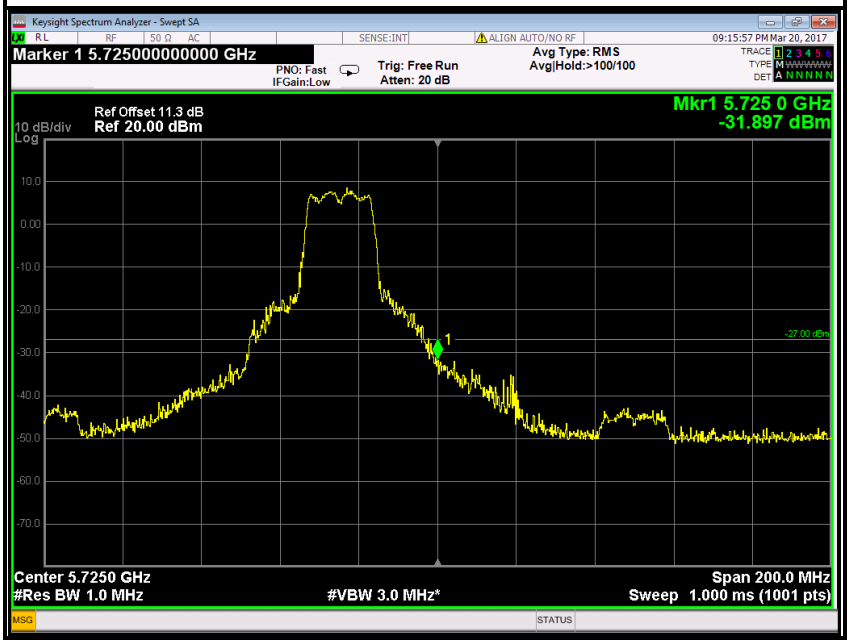


IEEE 802.11a mode / 5500 ~ 5700MHz

CH Low

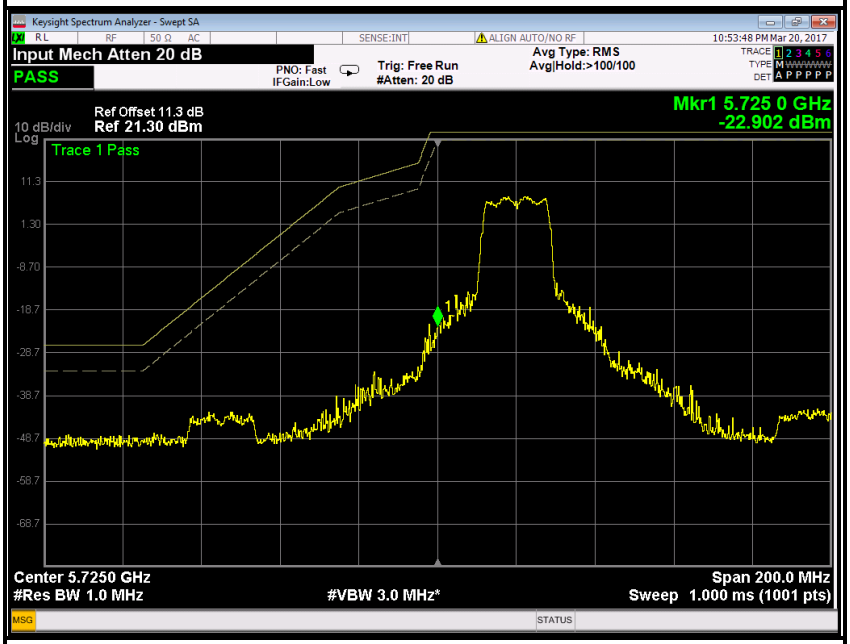


CH High

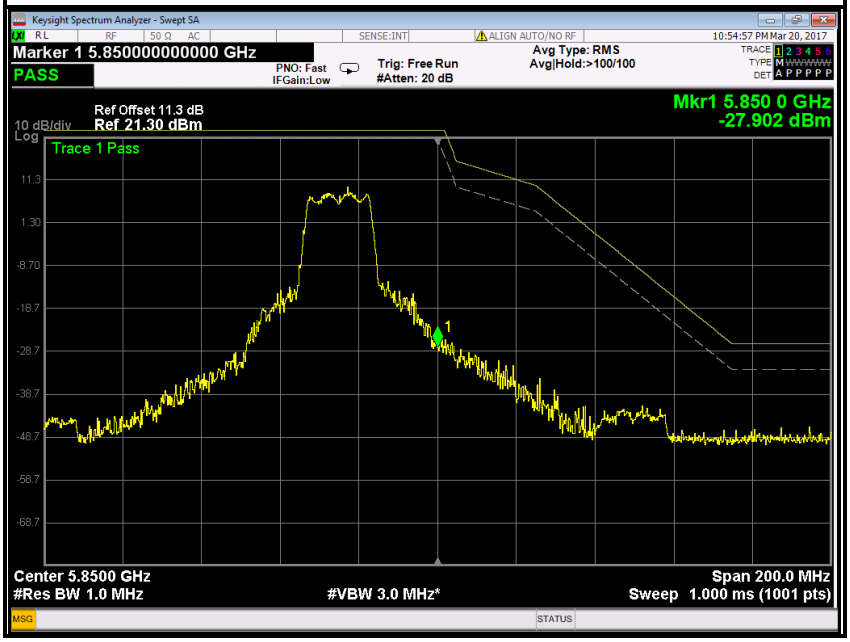


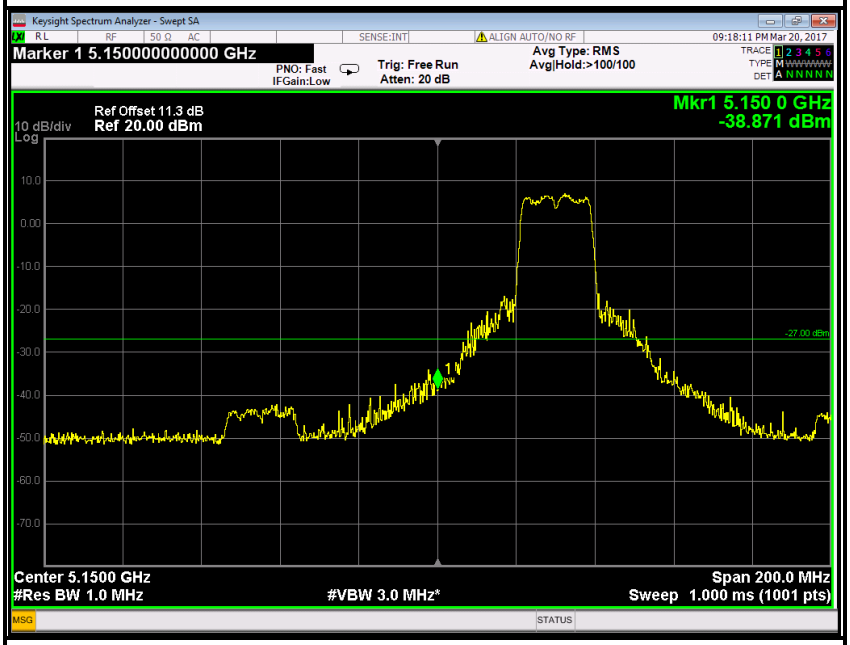
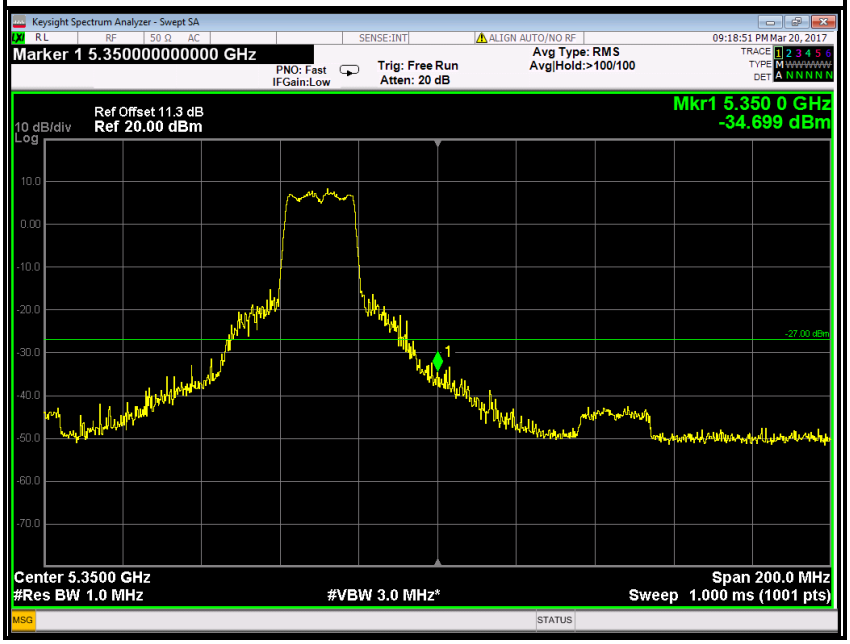
IEEE 802.11a mode / 5745 ~ 5825MHz

CH Low



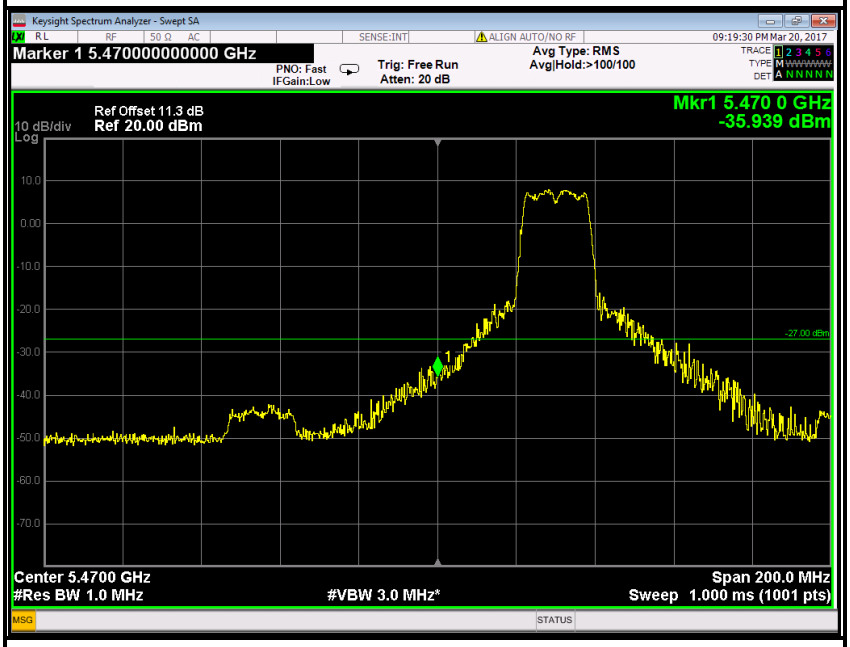
CH High



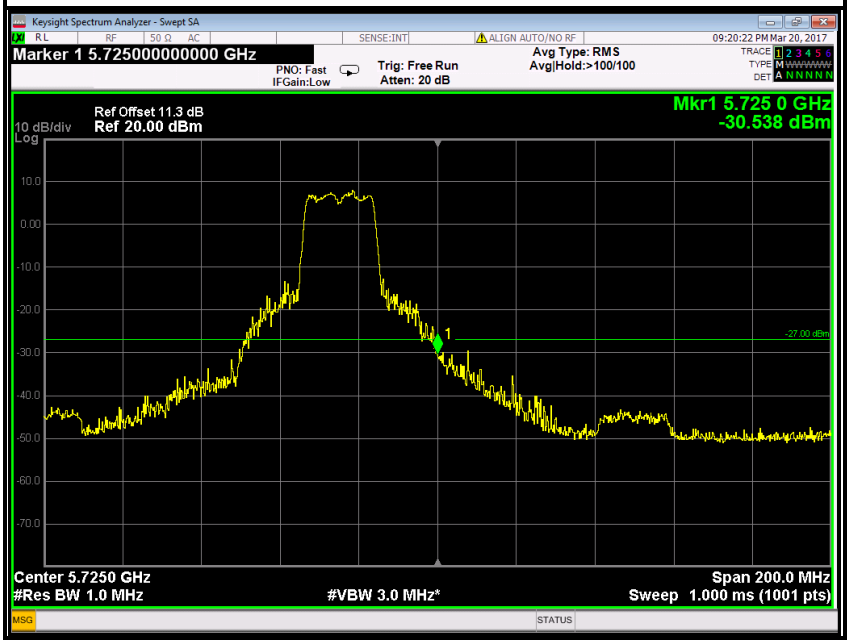
IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz
CH Low

IEEE 802.11n HT 20 MHz mode / 5260~ 5320MHz
CH High


IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz

CH Low

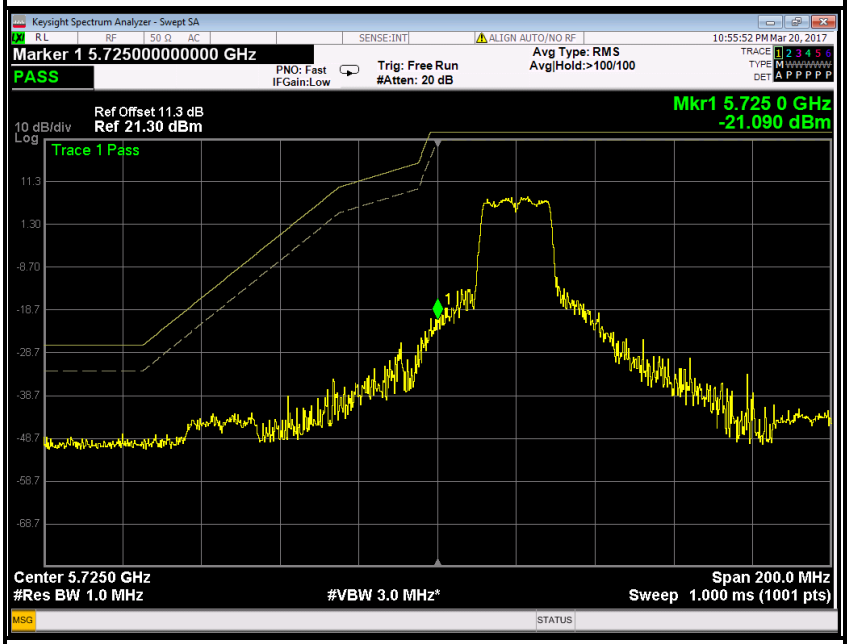


CH High

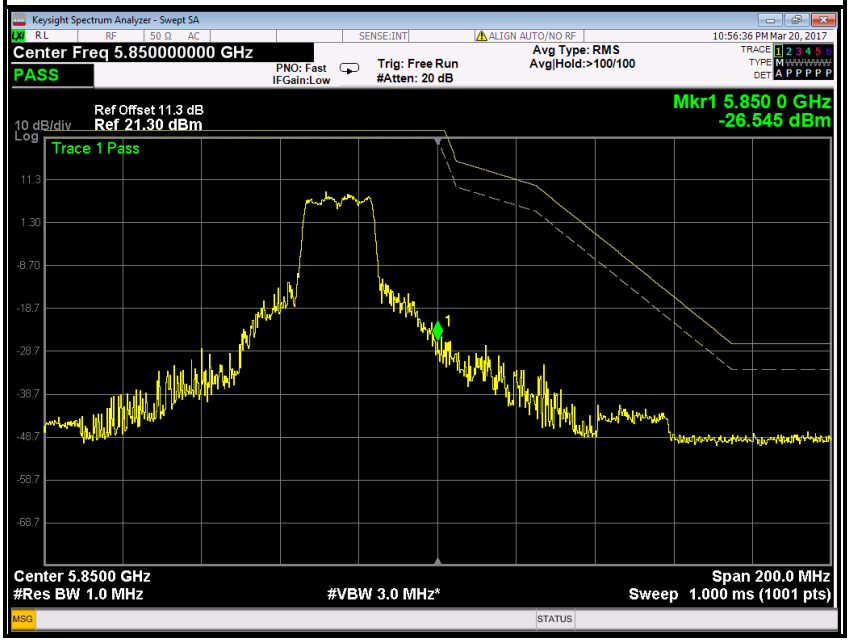


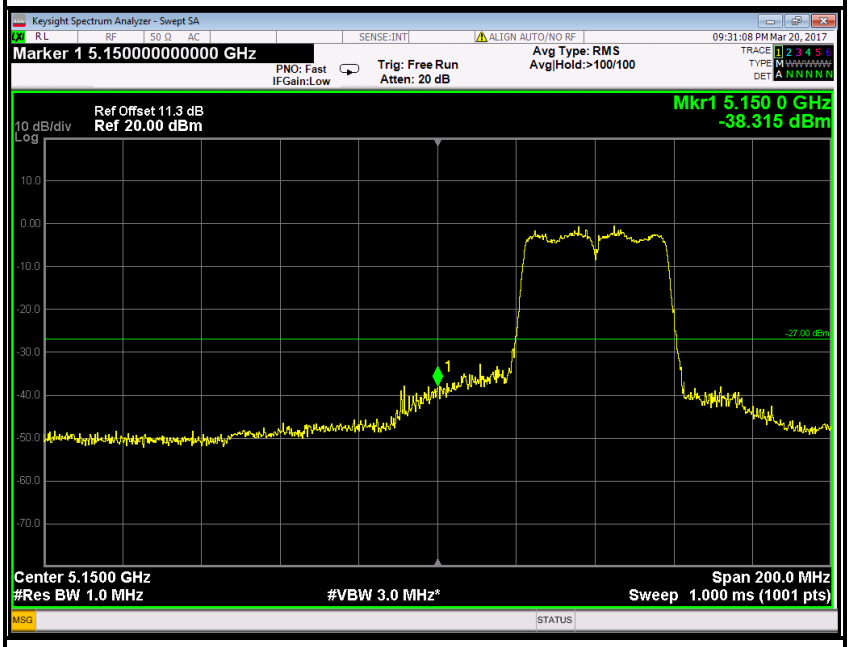
IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz

CH Low



CH High



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

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


IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz

CH Low

CH High

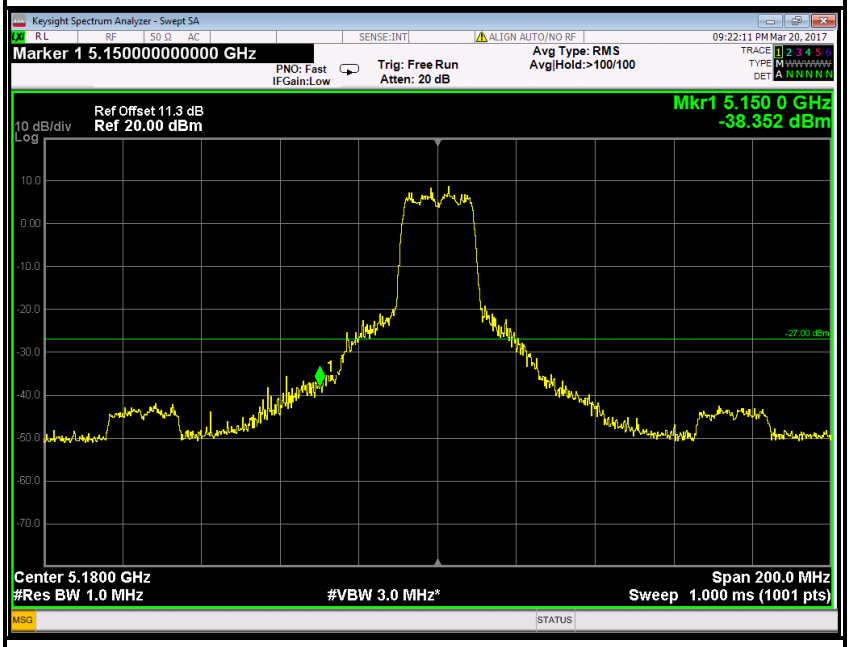
IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz

CH Low

CH High

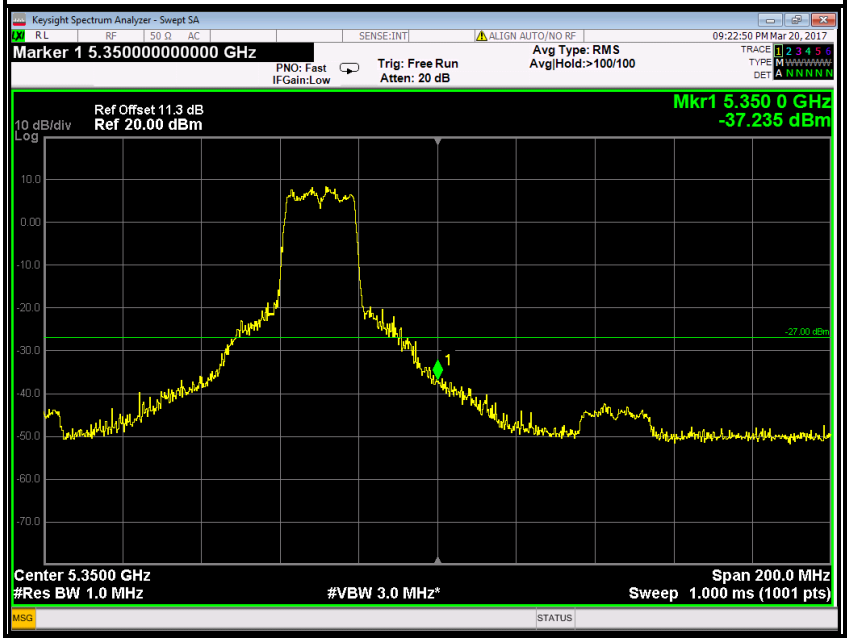
IEEE 802.11ac 20 mode / 5180 ~ 5240MHz

CH Low



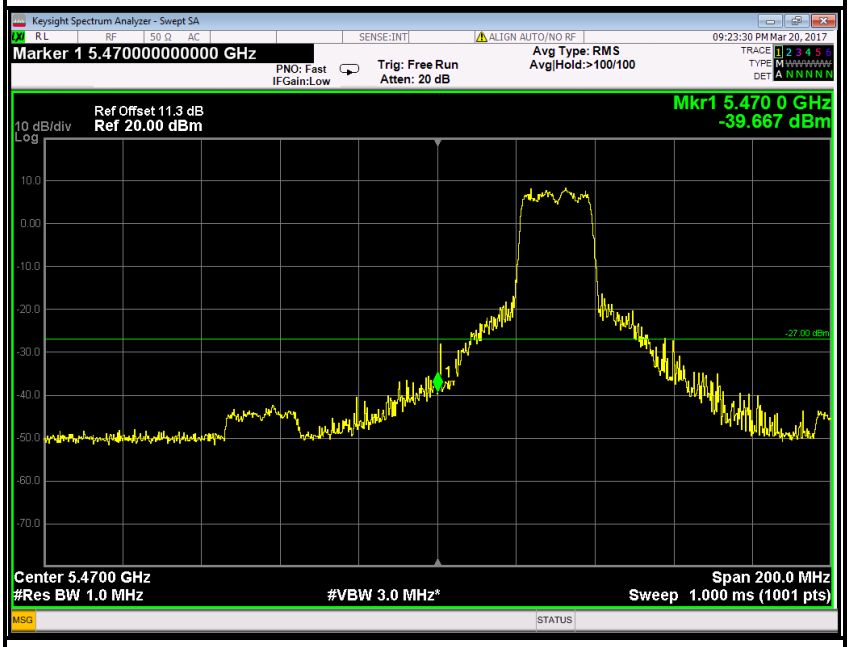
IEEE 802.11ac 20 mode / 5260~ 5320MHz

CH High

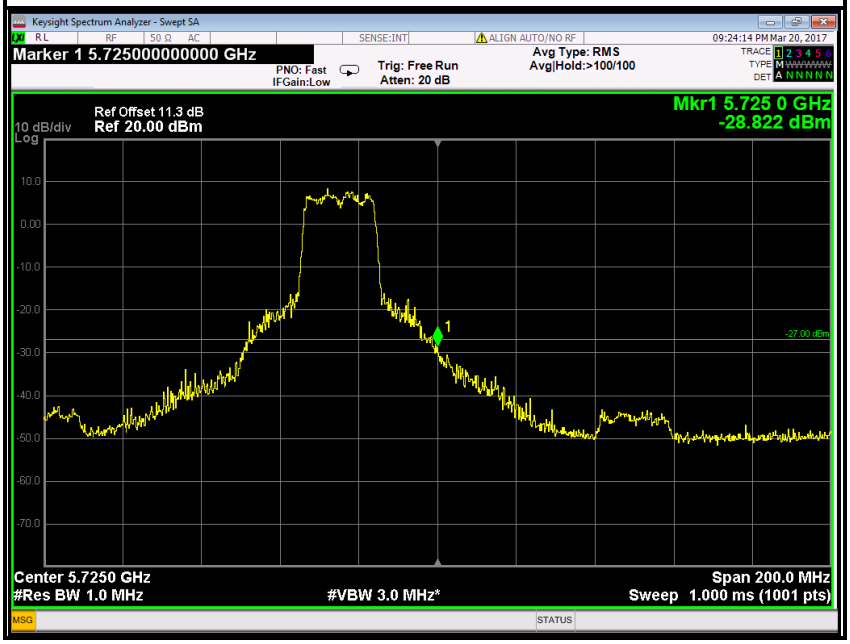


IEEE 802.11ac 20 mode / 5500 ~ 5700MHz

CH Low

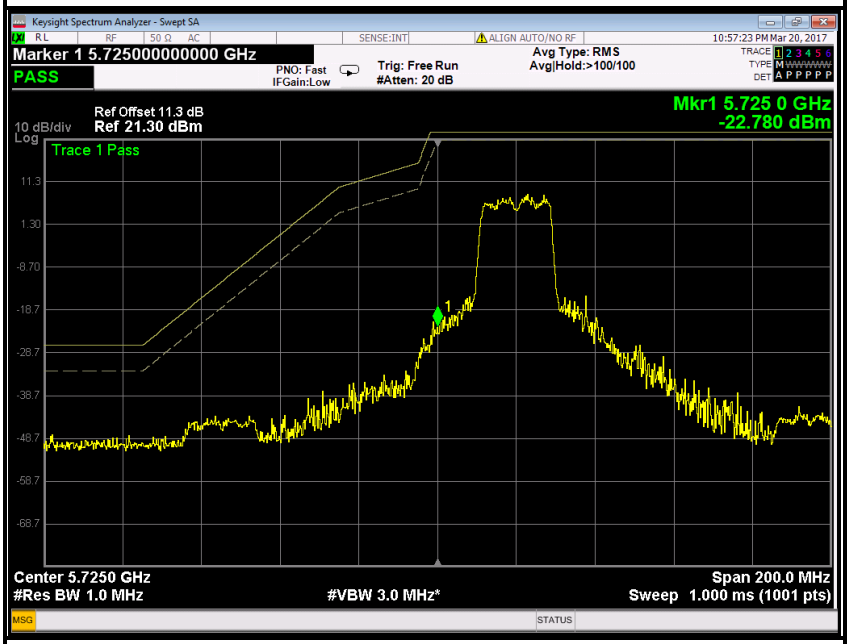


CH High

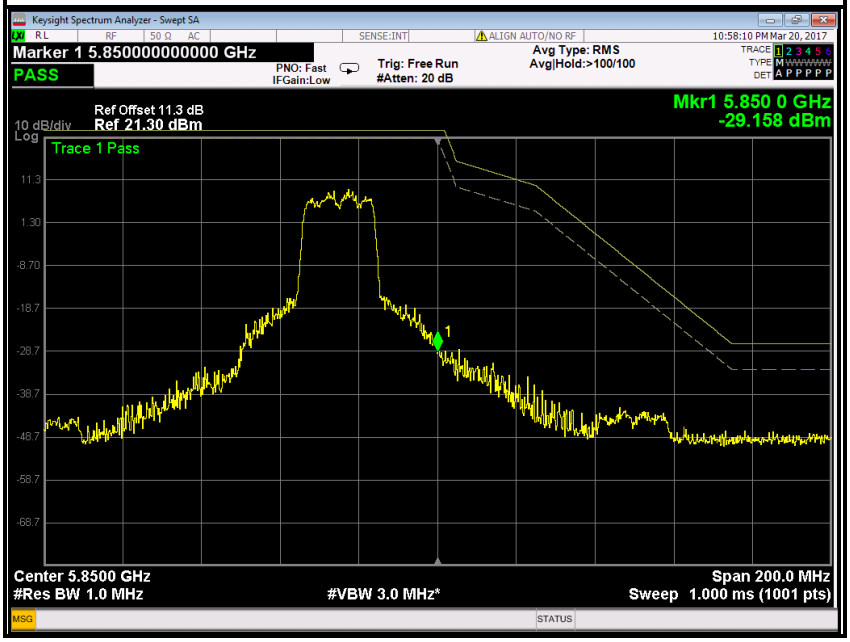


IEEE 802.11ac 20 mode / 5745 ~ 5825MHz

CH Low

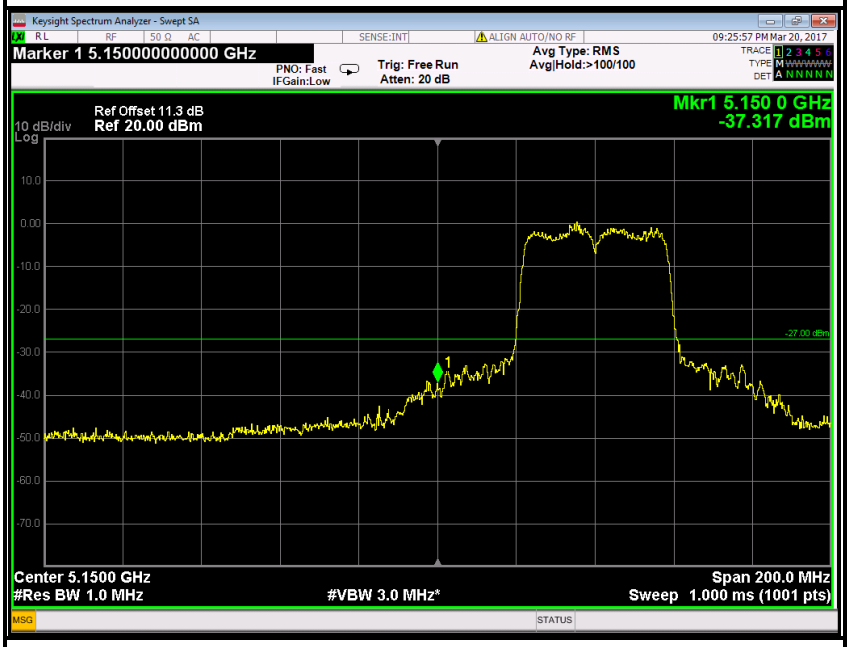


CH High



IEEE 802.11ac 40 mode / 5190 ~ 5230MHz

CH Low

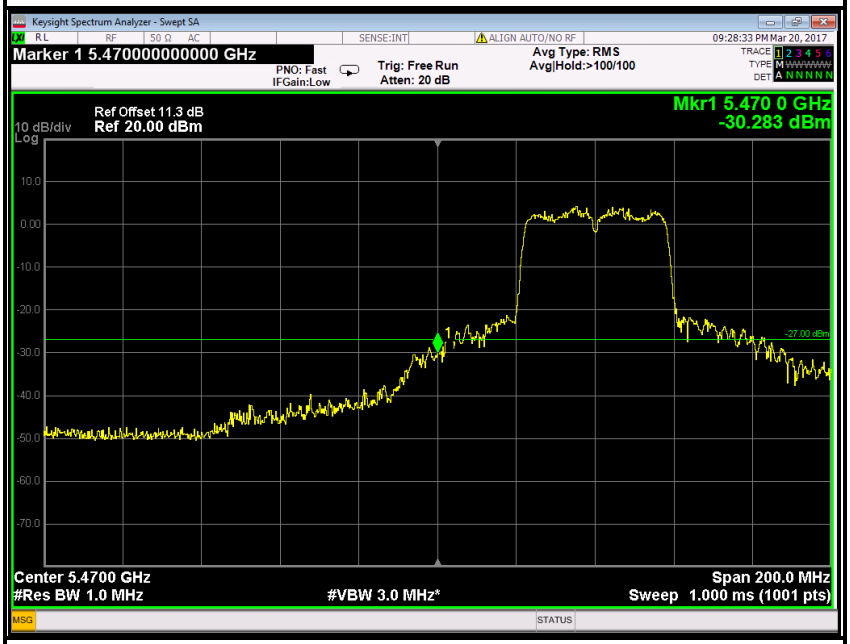


IEEE 802.11ac 40 mode / 5270 ~ 5310MHz

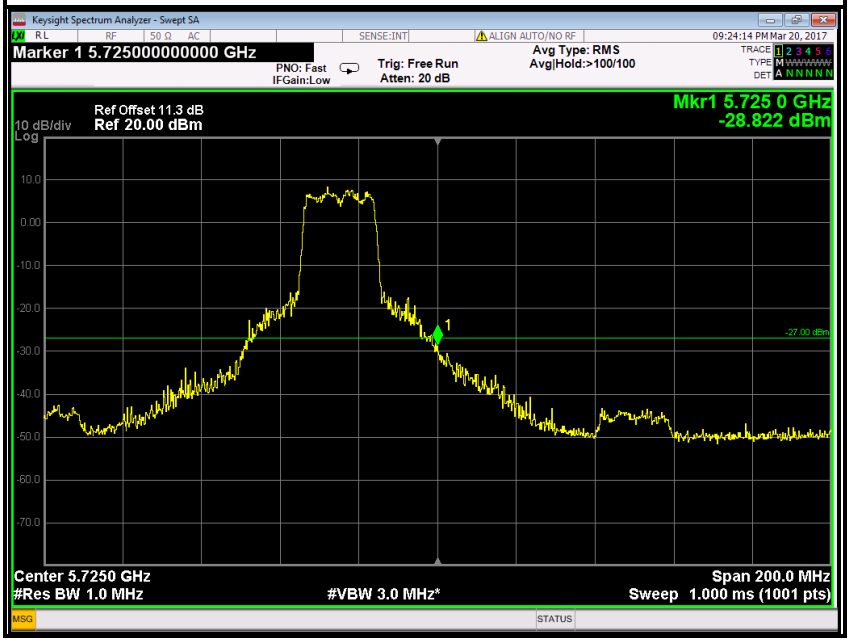
CH High

IEEE 802.11ac 40 mode / 5510 ~ 5670MHz

CH Low

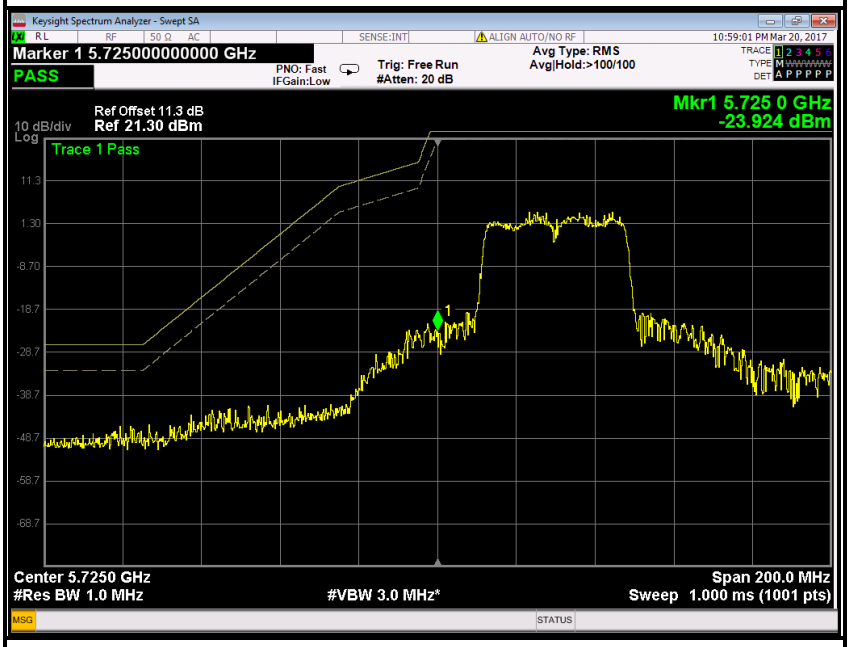


CH High



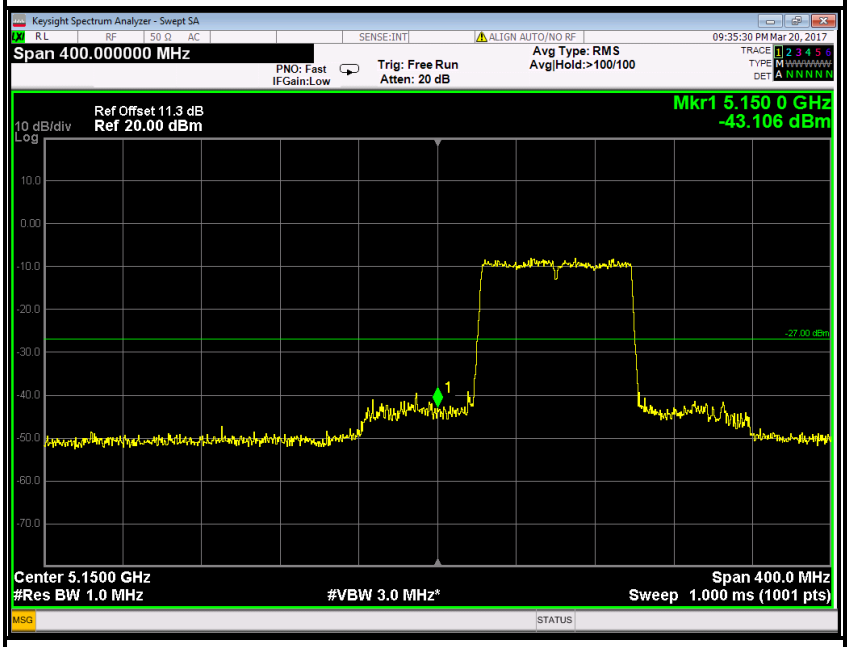
IEEE 802.11ac 40 mode / 5755 ~ 5795MHz

CH Low

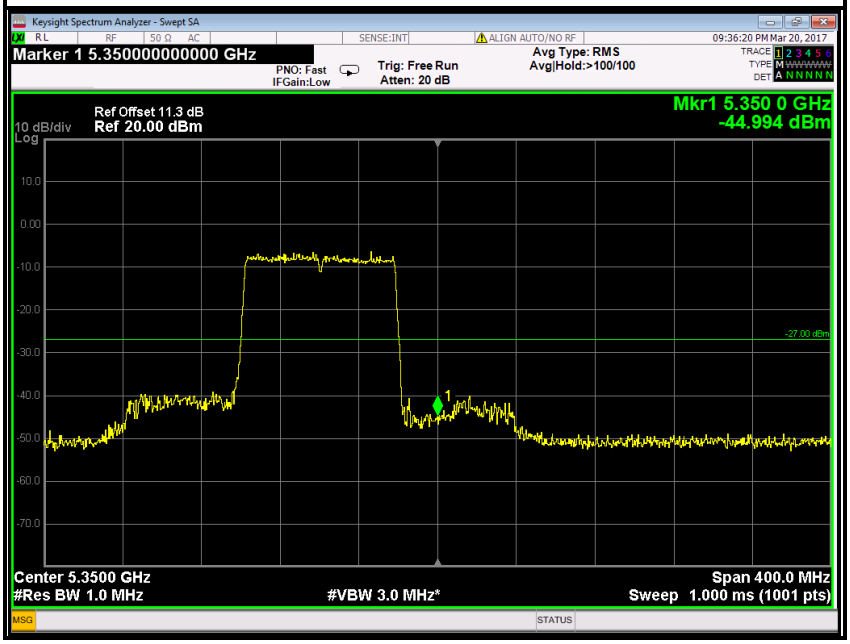


CH High

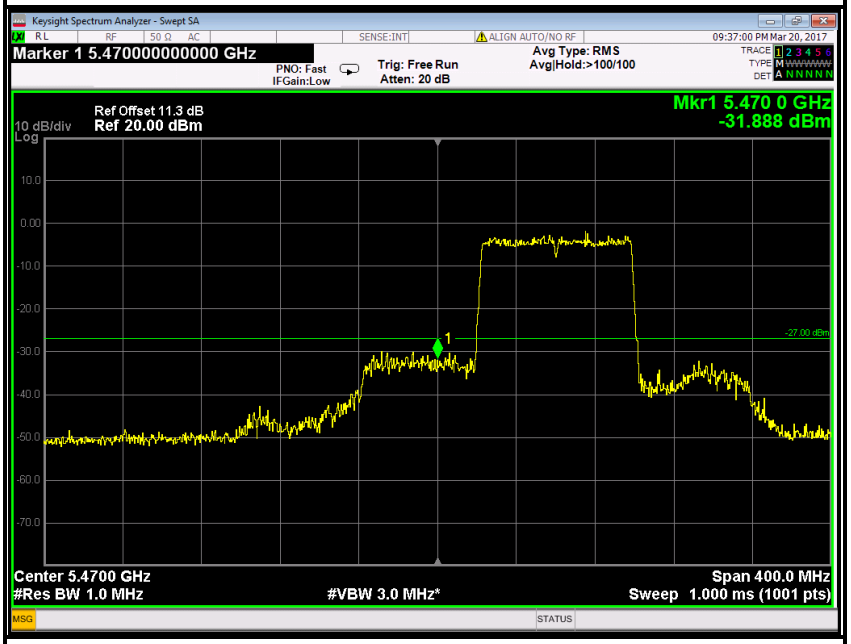
IEEE 802.11ac 80 mode / 5210MHz



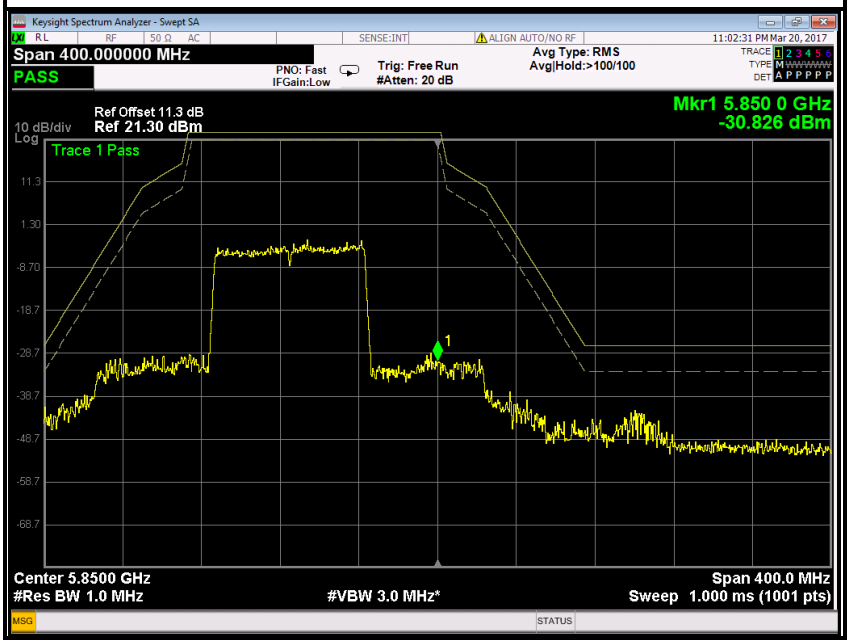
IEEE 802.11ac 80 mode / 5290MHz



IEEE 802.11ac 80 mode / 5530MHz



IEEE 802.11ac 80 mode / 5775MHz



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 μH/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 (dBμV)	
	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.*

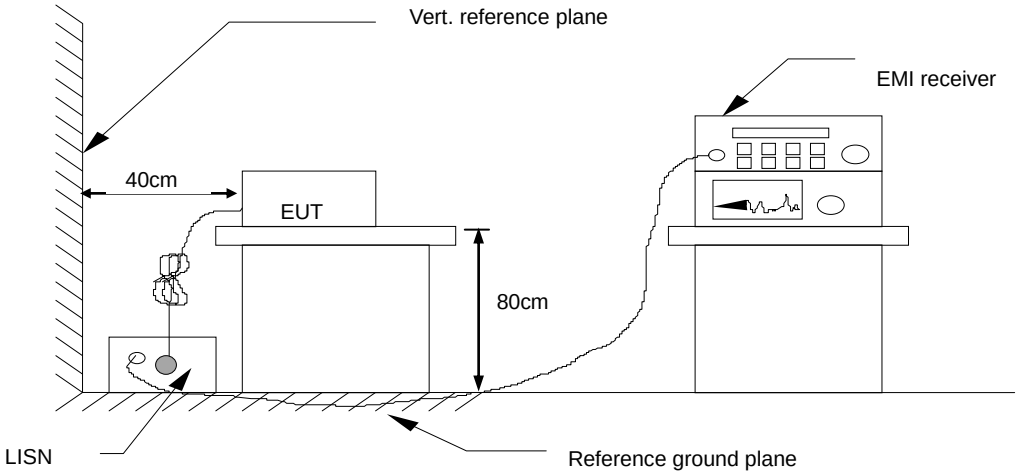
6.9.2 TEST INSTRUMENTS

Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/11/2017	02/10/2018
LISN(EUT)	ROHDE&SCHWARZ	ENV216	101543-WX	02/11/2017	02/10/2018
LISN	EMCO	3825/2	8901-1459	02/12/2017	02/11/2018
Temp. / Humidity Meter	VICTOR	HTC-1	N/A	02/15/2017	02/14/2018
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.

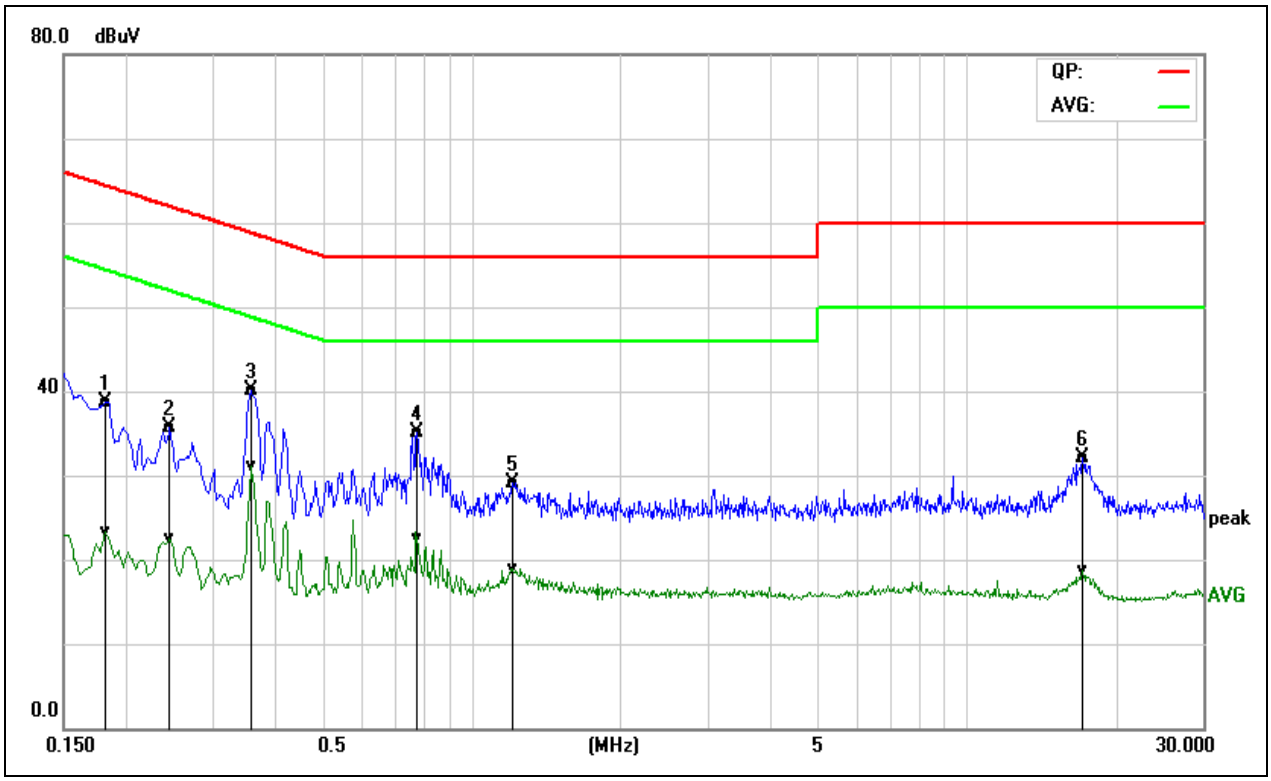
6.9.5 DATA SAMPLE

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

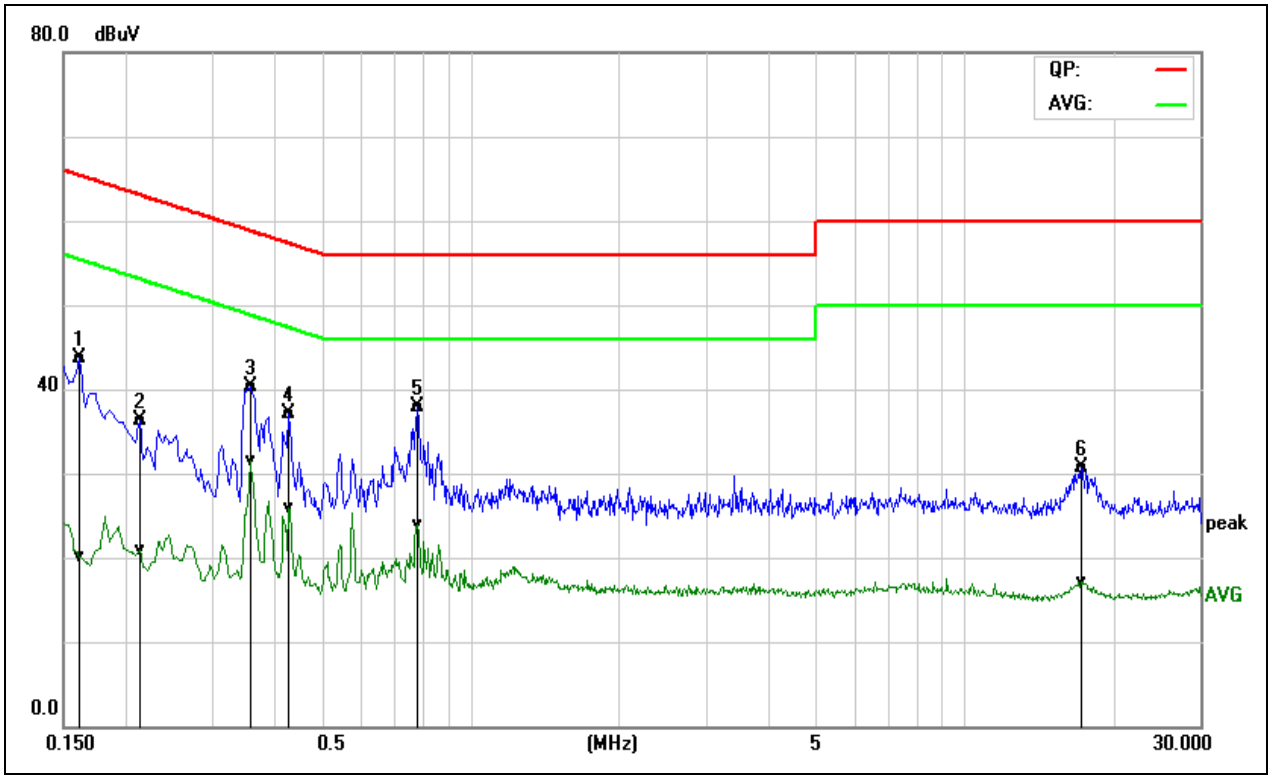
Model No.	AR108A4BKA	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 1
Tested by	Jacksan Luo	Line	L1
Test Date	March 20, 2017		



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)
0.1819	19.18	3.65	19.59	38.77	23.24	64.39	54.40	-25.62	-31.16	Pass
0.2460	16.01	2.95	19.64	35.65	22.59	61.89	51.89	-26.24	-29.30	Pass
0.3580	20.54	11.46	19.63	40.17	31.09	58.77	48.77	-18.60	-17.68	Pass
0.7780	15.39	2.81	19.76	35.15	22.57	56.00	46.00	-20.85	-23.43	Pass
1.2140	9.49	-0.81	19.66	29.15	18.85	56.00	46.00	-26.85	-27.15	Pass
17.1900	12.14	-1.29	19.92	32.06	18.63	60.00	50.00	-27.94	-31.37	Pass

REMARKS: *L1 = Line One (Live Line)*

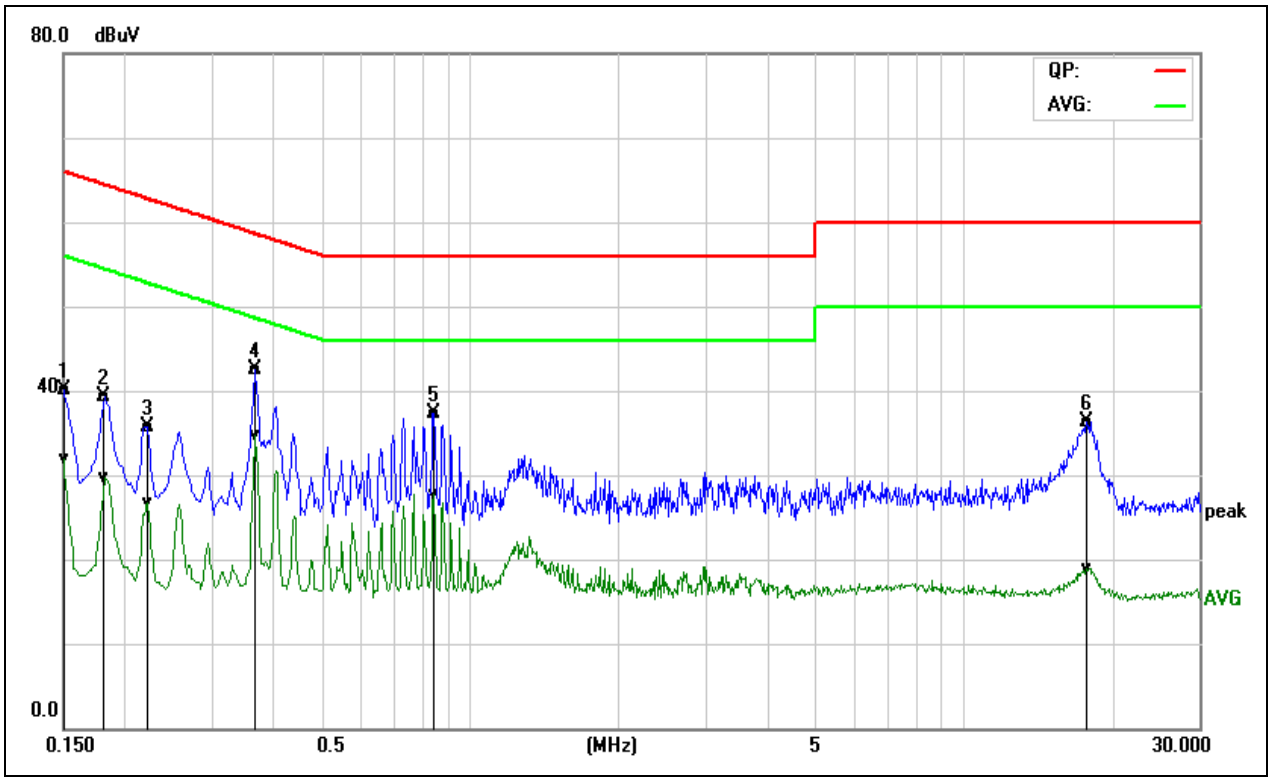
Model No.	AR108A4BKA	**RBW,VBW**	9 kHz
Environmental Conditions	22°C, 45% RH	**Test Mode**	Mode 1
Tested by	Jacksan Luo	**Line**	L2
Test Date	March 20, 2017		



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)
0.1620	23.91	0.42	19.72	43.63	20.14	65.36	55.36	-21.73	-35.22	Pass
0.2140	16.56	1.12	19.74	36.30	20.86	63.04	53.05	-26.74	-32.19	Pass
0.3580	20.70	11.73	19.68	40.38	31.41	58.77	48.77	-18.39	-17.36	Pass
0.4300	17.42	6.33	19.65	37.07	25.98	57.25	47.25	-20.18	-21.27	Pass
0.7820	18.15	4.18	19.72	37.87	23.90	56.00	46.00	-18.13	-22.10	Pass
17.2180	10.97	-2.68	19.76	30.73	17.08	60.00	50.00	-29.27	-32.92	Pass

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

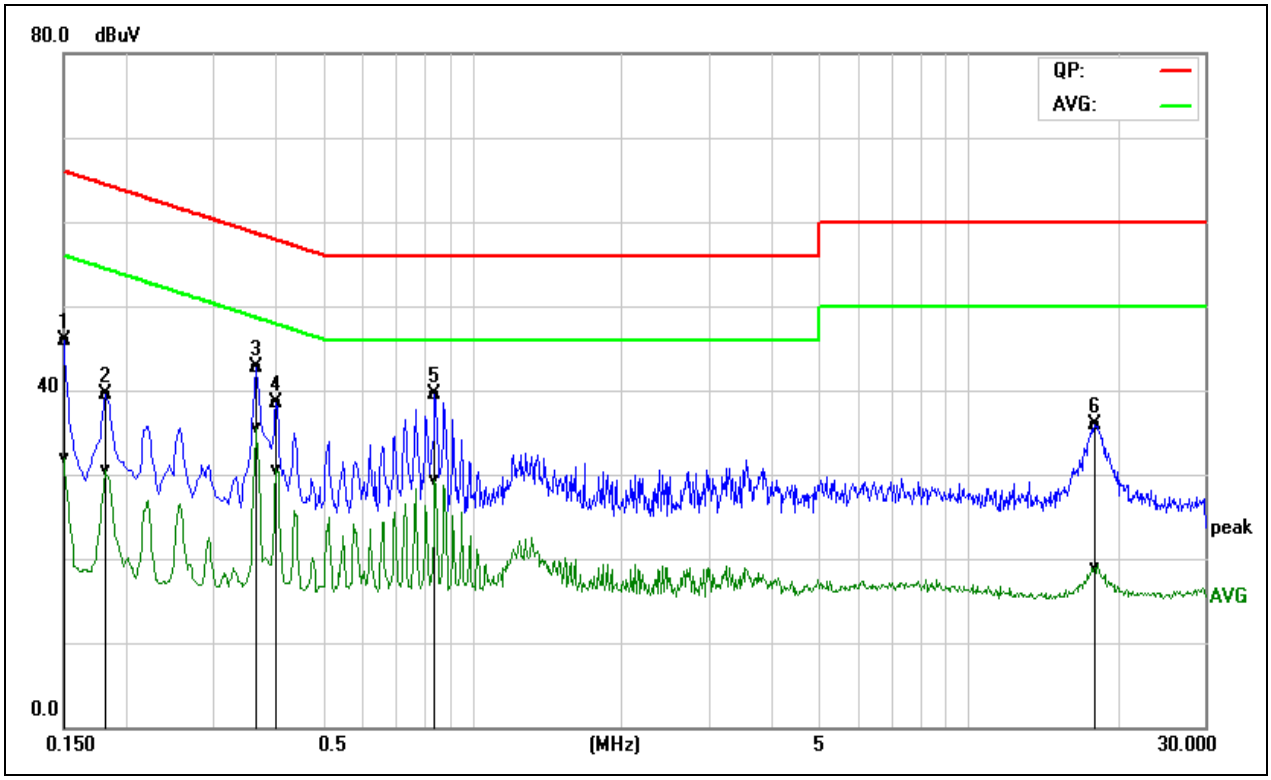
Model No.	AR108A4BKA	**RBW,VBW**	9 kHz
Environmental Conditions	22°C, 45% RH	**Test Mode**	Mode 2
Tested by	Jacksan Luo	**Line**	L1
Test Date	March 20, 2017		



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)
0.1500	20.53	12.38	19.52	40.05	31.90	65.99	56.00	-25.94	-24.10	Pass
0.1819	19.68	10.20	19.59	39.27	29.79	64.39	54.40	-25.12	-24.61	Pass
0.2220	16.14	6.99	19.64	35.78	26.63	62.74	52.74	-26.96	-26.11	Pass
0.3660	22.82	14.98	19.63	42.45	34.61	58.59	48.59	-16.14	-13.98	Pass
0.8460	17.63	7.98	19.73	37.36	27.71	56.00	46.00	-18.64	-18.29	Pass
17.7380	16.47	-0.97	19.92	36.39	18.95	60.00	50.00	-23.61	-31.05	Pass

REMARKS: *L1 = Line One (Live Line)*

Model No.	AR108A4BKA	**RBW,VBW**	9 kHz
Environmental Conditions	22°C, 45% RH	**Test Mode**	Mode 2
Tested by	Jacksan Luo	**Line**	L2
Test Date	March 20, 2017		



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)
0.1500	26.11	12.15	19.72	45.83	31.87	65.99	56.00	-20.16	-24.13	Pass
0.1819	19.82	10.70	19.73	39.55	30.43	64.39	54.40	-24.84	-23.97	Pass
0.3660	23.07	15.86	19.67	42.74	35.53	58.59	48.59	-15.85	-13.06	Pass
0.4020	18.84	10.94	19.66	38.50	30.60	57.81	47.81	-19.31	-17.21	Pass
0.8420	19.75	9.48	19.73	39.48	29.21	56.00	46.00	-16.52	-16.79	Pass
17.9740	16.10	-0.85	19.78	35.88	18.93	60.00	50.00	-24.12	-31.07	Pass

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

6.10 FREQUENCY STABILITY

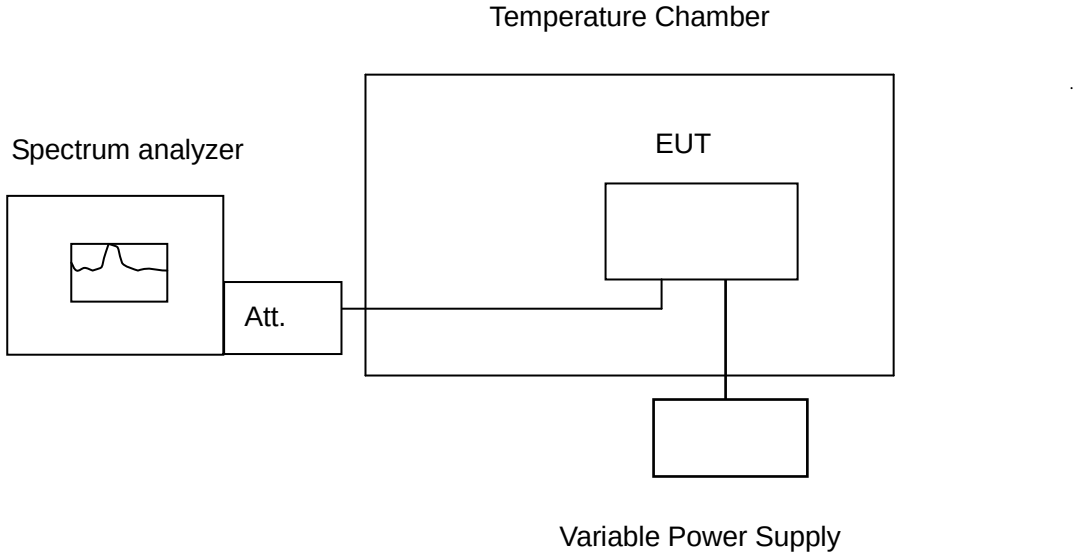
6.10.1 LIMIT

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	N9010A	MY52221469	02/21/2017	02/20/2018
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	02/21/2017	02/20/2018
Power Sensor	Anritsu	MA2411B	1126150	02/21/2017	02/20/2018
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2016	11/17/2017
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2017	02/20/2018

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^{o}C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to –20^{o}C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10^{o}C increased per stage until the highest temperature of +50^{o}C reached.

6.10.5 TEST RESULTS

No non-compliance noted.

Antenna 1 Test Data

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.977220	5150-5250	PASS
40	120	5179.957190	5150-5250	PASS
30	120	5179.964140	5150-5250	PASS
20	120	5179.987452	5150-5250	PASS
10	120	5179.996670	5150-5250	PASS
0	120	5179.992974	5150-5250	PASS
-10	120	5179.973930	5150-5250	PASS
-20	120	5179.981587	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.989945	5150-5250	PASS
	120	5179.987452	5150-5250	PASS
	132	5179.968664	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	5239.990488	5150-5250	PASS
40	120	5239.982676	5150-5250	PASS
30	120	5239.987984	5150-5250	PASS
20	120	5239.987687	5150-5250	PASS
10	120	5239.962928	5150-5250	PASS
0	120	5239.965268	5150-5250	PASS
-10	120	5239.972953	5150-5250	PASS
-20	120	5239.982435	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.975944	5150-5250	PASS
	120	5239.987687	5150-5250	PASS
	132	5239.958792	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.967511	5250-5350	PASS
40	120	5259.970418	5250-5350	PASS
30	120	5259.961114	5250-5350	PASS
20	120	5259.986879	5250-5350	PASS
10	120	5259.989548	5250-5350	PASS
0	120	5259.966885	5250-5350	PASS
-10	120	5259.999192	5250-5350	PASS
-20	120	5259.978282	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.996419	5250-5350	PASS
	120	5259.986879	5250-5350	PASS
	132	5259.994003	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.999854	5250-5350	PASS
40	120	5319.988995	5250-5350	PASS
30	120	5319.954902	5250-5350	PASS
20	120	5320.000954	5250-5350	PASS
10	120	5319.997173	5250-5350	PASS
0	120	5319.965326	5250-5350	PASS
-10	120	5319.957726	5250-5350	PASS
-20	120	5319.983591	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.995765	5250-5350	PASS
	120	5320.000954	5250-5350	PASS
	132	5319.968780	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.956996	5475-5725	PASS
40	120	5499.996321	5475-5725	PASS
30	120	5499.987676	5475-5725	PASS
20	120	5499.975413	5475-5725	PASS
10	120	5499.984822	5475-5725	PASS
0	120	5499.951544	5475-5725	PASS
-10	120	5499.954700	5475-5725	PASS
-20	120	5499.961411	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.997835	5475-5725	PASS
	120	5499.975413	5475-5725	PASS
	132	5499.982698	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.963049	5475-5725	PASS
40	120	5699.978409	5475-5725	PASS
30	120	5699.949744	5475-5725	PASS
20	120	5699.965872	5475-5725	PASS
10	120	5699.966220	5475-5725	PASS
0	120	5699.964000	5475-5725	PASS
-10	120	5699.979091	5475-5725	PASS
-20	120	5699.986470	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.950348	5475-5725	PASS
	120	5699.965872	5475-5725	PASS
	132	5699.957261	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.960322	5725-5850	PASS
40	120	5744.978319	5725-5850	PASS
30	120	5744.955653	5725-5850	PASS
20	120	5744.972178	5725-5850	PASS
10	120	5744.954848	5725-5850	PASS
0	120	5744.992895	5725-5850	PASS
-10	120	5744.956025	5725-5850	PASS
-20	120	5744.964157	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.972050	5725-5850	PASS
	120	5744.972178	5725-5850	PASS
	132	5744.974369	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.975136	5725-5850	PASS
40	120	5824.973171	5725-5850	PASS
30	120	5824.971543	5725-5850	PASS
20	120	5824.986387	5725-5850	PASS
10	120	5824.958810	5725-5850	PASS
0	120	5824.958357	5725-5850	PASS
-10	120	5824.974447	5725-5850	PASS
-20	120	5824.965558	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.965596	5725-5850	PASS
	120	5824.986387	5725-5850	PASS
	132	5824.971732	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.964556	5150-5250	PASS
40	120	5179.965670	5150-5250	PASS
30	120	5179.961485	5150-5250	PASS
20	120	5179.985678	5150-5250	PASS
10	120	5179.955833	5150-5250	PASS
0	120	5179.981170	5150-5250	PASS
-10	120	5179.984460	5150-5250	PASS
-20	120	5179.972517	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.958272	5150-5250	PASS
	120	5179.985678	5150-5250	PASS
	132	5179.963719	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	5239.972240	5150-5250	PASS
40	120	5239.956601	5150-5250	PASS
30	120	5239.988133	5150-5250	PASS
20	120	5239.987782	5150-5250	PASS
10	120	5239.993717	5150-5250	PASS
0	120	5239.969103	5150-5250	PASS
-10	120	5239.961781	5150-5250	PASS
-20	120	5239.972066	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.986702	5150-5250	PASS
	120	5239.987782	5150-5250	PASS
	132	5239.952732	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	5259.966881	5250-5350	PASS
40	120	5259.990557	5250-5350	PASS
30	120	5259.957980	5250-5350	PASS
20	120	5259.987692	5250-5350	PASS
10	120	5259.960782	5250-5350	PASS
0	120	5259.982960	5250-5350	PASS
-10	120	5259.970461	5250-5350	PASS
-20	120	5259.998539	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.997448	5250-5350	PASS
	120	5259.987692	5250-5350	PASS
	132	5259.992837	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	5319.960890	5250-5350	PASS
40	120	5319.970960	5250-5350	PASS
30	120	5319.987443	5250-5350	PASS
20	120	5319.975871	5250-5350	PASS
10	120	5319.976047	5250-5350	PASS
0	120	5319.971394	5250-5350	PASS
-10	120	5319.976799	5250-5350	PASS
-20	120	5319.955350	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.973185	5250-5350	PASS
	120	5319.975871	5250-5350	PASS
	132	5319.971518	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	5499.953618	5475-5725	PASS
40	120	5499.997924	5475-5725	PASS
30	120	5499.976405	5475-5725	PASS
20	120	5499.986983	5475-5725	PASS
10	120	5499.966039	5475-5725	PASS
0	120	5499.972810	5475-5725	PASS
-10	120	5499.962919	5475-5725	PASS
-20	120	5499.985346	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.956028	5475-5725	PASS
	120	5499.986983	5475-5725	PASS
	132	5499.983052	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	5699.999761	5475-5725	PASS
40	120	5699.977133	5475-5725	PASS
30	120	5699.988025	5475-5725	PASS
20	120	5699.987961	5475-5725	PASS
10	120	5699.978053	5475-5725	PASS
0	120	5699.997839	5475-5725	PASS
-10	120	5699.984586	5475-5725	PASS
-20	120	5699.979008	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.957288	5475-5725	PASS
	120	5699.987961	5475-5725	PASS
	132	5699.964337	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	5744.986810	5725-5850	PASS
40	120	5744.984960	5725-5850	PASS
30	120	5744.959121	5725-5850	PASS
20	120	5744.977834	5725-5850	PASS
10	120	5744.983801	5725-5850	PASS
0	120	5744.995332	5725-5850	PASS
-10	120	5744.972226	5725-5850	PASS
-20	120	5744.990030	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.989478	5725-5850	PASS
	120	5744.977834	5725-5850	PASS
	132	5744.971544	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	5824.996184	5725-5850	PASS
40	120	5824.991462	5725-5850	PASS
30	120	5824.969899	5725-5850	PASS
20	120	5824.978975	5725-5850	PASS
10	120	5824.965168	5725-5850	PASS
0	120	5824.957271	5725-5850	PASS
-10	120	5824.973765	5725-5850	PASS
-20	120	5824.990612	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.956712	5725-5850	PASS
	120	5824.978975	5725-5850	PASS
	132	5824.954476	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.963496	5150-5250	PASS
40	120	5189.997377	5150-5250	PASS
30	120	5189.954340	5150-5250	PASS
20	120	5189.997963	5150-5250	PASS
10	120	5189.992988	5150-5250	PASS
0	120	5189.972357	5150-5250	PASS
-10	120	5189.985533	5150-5250	PASS
-20	120	5189.995400	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.998194	5150-5250	PASS
	120	5189.997963	5150-5250	PASS
	132	5189.962376	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	5229.953235	5150-5250	PASS
40	120	5229.958327	5150-5250	PASS
30	120	5229.966736	5150-5250	PASS
20	120	5230.000234	5150-5250	PASS
10	120	5229.985550	5150-5250	PASS
0	120	5229.973374	5150-5250	PASS
-10	120	5229.978569	5150-5250	PASS
-20	120	5229.992637	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.980376	5150-5250	PASS
	120	5230.000234	5150-5250	PASS
	132	5229.974786	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	5269.980276	5250-5350	PASS
40	120	5269.972184	5250-5350	PASS
30	120	5269.976944	5250-5350	PASS
20	120	5269.988654	5250-5350	PASS
10	120	5269.957488	5250-5350	PASS
0	120	5269.969539	5250-5350	PASS
-10	120	5269.988606	5250-5350	PASS
-20	120	5269.954734	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.995724	5250-5350	PASS
	120	5269.988654	5250-5350	PASS
	132	5269.978274	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	5309.969447	5250-5350	PASS
40	120	5309.979520	5250-5350	PASS
30	120	5309.978321	5250-5350	PASS
20	120	5310.000347	5250-5350	PASS
10	120	5309.958433	5250-5350	PASS
0	120	5309.962859	5250-5350	PASS
-10	120	5309.979571	5250-5350	PASS
-20	120	5309.970863	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.979192	5250-5350	PASS
	120	5310.000347	5250-5350	PASS
	132	5309.992668	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	5509.998515	5475-5725	PASS
40	120	5509.984895	5475-5725	PASS
30	120	5509.994434	5475-5725	PASS
20	120	5509.987875	5475-5725	PASS
10	120	5509.990394	5475-5725	PASS
0	120	5509.972905	5475-5725	PASS
-10	120	5509.970756	5475-5725	PASS
-20	120	5509.953476	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.960938	5475-5725	PASS
	120	5509.987875	5475-5725	PASS
	132	5509.949961	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	5669.977876	5475-5725	PASS
40	120	5669.982815	5475-5725	PASS
30	120	5669.950662	5475-5725	PASS
20	120	5670.000149	5475-5725	PASS
10	120	5669.981824	5475-5725	PASS
0	120	5669.969071	5475-5725	PASS
-10	120	5669.988425	5475-5725	PASS
-20	120	5669.989955	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.955504	5475-5725	PASS
	120	5670.000149	5475-5725	PASS
	132	5669.958373	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	5754.995147	5725-5850	PASS
40	120	5754.951891	5725-5850	PASS
30	120	5754.955997	5725-5850	PASS
20	120	5754.987895	5725-5850	PASS
10	120	5754.994661	5725-5850	PASS
0	120	5754.964310	5725-5850	PASS
-10	120	5754.952136	5725-5850	PASS
-20	120	5754.968223	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.970155	5725-5850	PASS
	120	5754.987895	5725-5850	PASS
	132	5754.954382	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	5794.960093	5725-5850	PASS
40	120	5794.993556	5725-5850	PASS
30	120	5794.979257	5725-5850	PASS
20	120	5794.987924	5725-5850	PASS
10	120	5794.996237	5725-5850	PASS
0	120	5794.972048	5725-5850	PASS
-10	120	5794.962383	5725-5850	PASS
-20	120	5794.952748	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.981409	5725-5850	PASS
	120	5794.987924	5725-5850	PASS
	132	5794.954252	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.997031	5150-5250	PASS
40	120	5179.978275	5150-5250	PASS
30	120	5179.984673	5150-5250	PASS
20	120	5179.987638	5150-5250	PASS
10	120	5179.991859	5150-5250	PASS
0	120	5179.951470	5150-5250	PASS
-10	120	5179.980842	5150-5250	PASS
-20	120	5179.957927	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.982629	5150-5250	PASS
	120	5179.987638	5150-5250	PASS
	132	5179.985435	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.983688	5150-5250	PASS
40	120	5239.960670	5150-5250	PASS
30	120	5239.975829	5150-5250	PASS
20	120	5239.978931	5150-5250	PASS
10	120	5239.967905	5150-5250	PASS
0	120	5239.964282	5150-5250	PASS
-10	120	5239.957487	5150-5250	PASS
-20	120	5239.949218	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.998346	5150-5250	PASS
	120	5239.978931	5150-5250	PASS
	132	5239.989673	5150-5250	PASS

IEEE 802.11ac 20 mode / 5260 ~ 5320MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.949407	5250-5350	PASS
40	120	5259.997113	5250-5350	PASS
30	120	5259.989834	5250-5350	PASS
20	120	5259.987338	5250-5350	PASS
10	120	5259.988059	5250-5350	PASS
0	120	5259.963374	5250-5350	PASS
-10	120	5259.964067	5250-5350	PASS
-20	120	5259.969622	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.973628	5250-5350	PASS
	120	5259.987338	5250-5350	PASS
	132	5259.986628	5250-5350	PASS

IEEE 802.11ac 20 mode / 5260 ~ 5320MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.965691	5250-5350	PASS
40	120	5319.966179	5250-5350	PASS
30	120	5319.968728	5250-5350	PASS
20	120	5319.987684	5250-5350	PASS
10	120	5319.956428	5250-5350	PASS
0	120	5319.994461	5250-5350	PASS
-10	120	5319.996663	5250-5350	PASS
-20	120	5319.965308	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.998149	5250-5350	PASS
	120	5319.987684	5250-5350	PASS
	132	5319.965895	5250-5350	PASS

IEEE 802.11ac 20 mode / 5500 ~ 5700MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.998655	5475-5725	PASS
40	120	5499.966838	5475-5725	PASS
30	120	5499.972254	5475-5725	PASS
20	120	5499.986987	5475-5725	PASS
10	120	5499.978939	5475-5725	PASS
0	120	5499.988478	5475-5725	PASS
-10	120	5499.964102	5475-5725	PASS
-20	120	5499.974444	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.972442	5475-5725	PASS
	120	5499.986987	5475-5725	PASS
	132	5499.996888	5475-5725	PASS

IEEE 802.11ac 20 mode / 5500 ~ 5700MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.978518	5475-5725	PASS
40	120	5699.950586	5475-5725	PASS
30	120	5699.979866	5475-5725	PASS
20	120	5699.978947	5475-5725	PASS
10	120	5699.972629	5475-5725	PASS
0	120	5699.965306	5475-5725	PASS
-10	120	5699.987149	5475-5725	PASS
-20	120	5699.976093	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.981618	5475-5725	PASS
	120	5699.978947	5475-5725	PASS
	132	5699.992690	5475-5725	PASS

IEEE 802.11ac 20 mode / 5745 ~ 5825MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.978913	5725-5850	PASS
40	120	5744.971619	5725-5850	PASS
30	120	5744.991603	5725-5850	PASS
20	120	5744.989658	5725-5850	PASS
10	120	5744.996474	5725-5850	PASS
0	120	5744.980100	5725-5850	PASS
-10	120	5744.960510	5725-5850	PASS
-20	120	5744.963910	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.975348	5725-5850	PASS
	120	5744.989658	5725-5850	PASS
	132	5744.986402	5725-5850	PASS

IEEE 802.11ac 20 mode / 5745 ~ 5825MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.976723	5725-5850	PASS
40	120	5824.999558	5725-5850	PASS
30	120	5824.960708	5725-5850	PASS
20	120	5824.979846	5725-5850	PASS
10	120	5824.992205	5725-5850	PASS
0	120	5824.963255	5725-5850	PASS
-10	120	5824.960633	5725-5850	PASS
-20	120	5824.999825	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.987132	5725-5850	PASS
	120	5824.979846	5725-5850	PASS
	132	5824.991376	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.994969	5150-5250	PASS
40	120	5189.959120	5150-5250	PASS
30	120	5189.981511	5150-5250	PASS
20	120	5189.987761	5150-5250	PASS
10	120	5189.979652	5150-5250	PASS
0	120	5189.955913	5150-5250	PASS
-10	120	5189.983028	5150-5250	PASS
-20	120	5189.955400	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.976069	5150-5250	PASS
	120	5189.987761	5150-5250	PASS
	132	5189.999494	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.951998	5150-5250	PASS
40	120	5229.983391	5150-5250	PASS
30	120	5229.973334	5150-5250	PASS
20	120	5230.000267	5150-5250	PASS
10	120	5229.992906	5150-5250	PASS
0	120	5229.991660	5150-5250	PASS
-10	120	5229.985619	5150-5250	PASS
-20	120	5229.973542	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.955621	5150-5250	PASS
	120	5230.000267	5150-5250	PASS
	132	5229.971423	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.950316	5250-5350	PASS
40	120	5269.987236	5250-5350	PASS
30	120	5269.952409	5250-5350	PASS
20	120	5269.968736	5250-5350	PASS
10	120	5269.958124	5250-5350	PASS
0	120	5269.970781	5250-5350	PASS
-10	120	5269.997734	5250-5350	PASS
-20	120	5269.955942	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.976357	5250-5350	PASS
	120	5269.968736	5250-5350	PASS
	132	5269.980556	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.997311	5250-5350	PASS
40	120	5309.978241	5250-5350	PASS
30	120	5309.979740	5250-5350	PASS
20	120	5310.000148	5250-5350	PASS
10	120	5309.996866	5250-5350	PASS
0	120	5309.982228	5250-5350	PASS
-10	120	5309.994900	5250-5350	PASS
-20	120	5309.962106	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.984873	5250-5350	PASS
	120	5310.000148	5250-5350	PASS
	132	5309.966482	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.952893	5475-5725	PASS
40	120	5509.953619	5475-5725	PASS
30	120	5509.953499	5475-5725	PASS
20	120	5509.978934	5475-5725	PASS
10	120	5509.992702	5475-5725	PASS
0	120	5509.987728	5475-5725	PASS
-10	120	5509.972104	5475-5725	PASS
-20	120	5509.997044	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.986046	5475-5725	PASS
	120	5509.978934	5475-5725	PASS
	132	5509.977323	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.989476	5475-5725	PASS
40	120	5669.949897	5475-5725	PASS
30	120	5669.952351	5475-5725	PASS
20	120	5670.000367	5475-5725	PASS
10	120	5669.985734	5475-5725	PASS
0	120	5669.962523	5475-5725	PASS
-10	120	5669.985079	5475-5725	PASS
-20	120	5669.991077	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.994546	5475-5725	PASS
	120	5670.000367	5475-5725	PASS
	132	5669.994959	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.970490	5725-5850	PASS
40	120	5754.991432	5725-5850	PASS
30	120	5754.984711	5725-5850	PASS
20	120	5754.998647	5725-5850	PASS
10	120	5754.972753	5725-5850	PASS
0	120	5754.969005	5725-5850	PASS
-10	120	5754.960050	5725-5850	PASS
-20	120	5754.982928	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.979911	5725-5850	PASS
	120	5754.998647	5725-5850	PASS
	132	5754.981697	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.986678	5725-5850	PASS
40	120	5794.971352	5725-5850	PASS
30	120	5794.980864	5725-5850	PASS
20	120	5794.987784	5725-5850	PASS
10	120	5794.981739	5725-5850	PASS
0	120	5794.986746	5725-5850	PASS
-10	120	5794.952146	5725-5850	PASS
-20	120	5794.990777	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.984735	5725-5850	PASS
	120	5794.987784	5725-5850	PASS
	132	5794.980194	5725-5850	PASS

IEEE 802.11ac 80 mode / 5210MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.970327	5150-5250	PASS
40	120	5209.981532	5150-5250	PASS
30	120	5209.950928	5150-5250	PASS
20	120	5210.000862	5150-5250	PASS
10	120	5209.950293	5150-5250	PASS
0	120	5209.994944	5150-5250	PASS
-10	120	5209.993557	5150-5250	PASS
-20	120	5209.954051	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.964672	5150-5250	PASS
	120	5210.000862	5150-5250	PASS
	132	5209.969400	5150-5250	PASS

IEEE 802.11ac 80 mode / 5290MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.950656	5250-5350	PASS
40	120	5289.998955	5250-5350	PASS
30	120	5289.949682	5250-5350	PASS
20	120	5289.987695	5250-5350	PASS
10	120	5289.968547	5250-5350	PASS
0	120	5289.973305	5250-5350	PASS
-10	120	5289.953991	5250-5350	PASS
-20	120	5289.992453	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.965304	5250-5350	PASS
	120	5289.987695	5250-5350	PASS
	132	5289.960089	5250-5350	PASS

IEEE 802.11ac 80 mode / 5530MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.993720	5475-5725	PASS
40	120	5529.966250	5475-5725	PASS
30	120	5529.968436	5475-5725	PASS
20	120	5529.989637	5475-5725	PASS
10	120	5529.952261	5475-5725	PASS
0	120	5529.954884	5475-5725	PASS
-10	120	5529.980625	5475-5725	PASS
-20	120	5529.987174	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.964685	5475-5725	PASS
	120	5529.989637	5475-5725	PASS
	132	5529.986041	5475-5725	PASS

IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.954248	5725-5850	PASS
40	120	5774.955698	5725-5850	PASS
30	120	5774.965878	5725-5850	PASS
20	120	5774.987931	5725-5850	PASS
10	120	5774.978563	5725-5850	PASS
0	120	5774.992590	5725-5850	PASS
-10	120	5774.975263	5725-5850	PASS
-20	120	5774.950249	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.982936	5725-5850	PASS
	120	5774.987931	5725-5850	PASS
	132	5774.955898	5725-5850	PASS

Antenna 2 Test Data

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.974694	5150-5250	PASS
40	120	5179.986395	5150-5250	PASS
30	120	5179.976250	5150-5250	PASS
20	120	5179.987644	5150-5250	PASS
10	120	5179.955565	5150-5250	PASS
0	120	5179.992430	5150-5250	PASS
-10	120	5179.987186	5150-5250	PASS
-20	120	5179.981386	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.966669	5150-5250	PASS
	120	5179.987644	5150-5250	PASS
	132	5179.998167	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	5239.957943	5150-5250	PASS
40	120	5239.961453	5150-5250	PASS
30	120	5239.958255	5150-5250	PASS
20	120	5239.997742	5150-5250	PASS
10	120	5239.999535	5150-5250	PASS
0	120	5239.968783	5150-5250	PASS
-10	120	5239.974641	5150-5250	PASS
-20	120	5239.967429	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.996396	5150-5250	PASS
	120	5239.997742	5150-5250	PASS
	132	5239.968727	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.974760	5250-5350	PASS
40	120	5259.984919	5250-5350	PASS
30	120	5259.951161	5250-5350	PASS
20	120	5259.987356	5250-5350	PASS
10	120	5259.969171	5250-5350	PASS
0	120	5259.985493	5250-5350	PASS
-10	120	5259.978875	5250-5350	PASS
-20	120	5259.960088	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.992649	5250-5350	PASS
	120	5259.987356	5250-5350	PASS
	132	5259.977180	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.986906	5250-5350	PASS
40	120	5319.990798	5250-5350	PASS
30	120	5319.959958	5250-5350	PASS
20	120	5320.000124	5250-5350	PASS
10	120	5319.987117	5250-5350	PASS
0	120	5319.984944	5250-5350	PASS
-10	120	5319.975992	5250-5350	PASS
-20	120	5319.971818	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.950666	5250-5350	PASS
	120	5320.000124	5250-5350	PASS
	132	5319.966384	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.994524	5475-5725	PASS
40	120	5499.999450	5475-5725	PASS
30	120	5499.962294	5475-5725	PASS
20	120	5499.988697	5475-5725	PASS
10	120	5499.961761	5475-5725	PASS
0	120	5499.995260	5475-5725	PASS
-10	120	5499.989396	5475-5725	PASS
-20	120	5499.994398	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.968115	5475-5725	PASS
	120	5499.988697	5475-5725	PASS
	132	5499.980971	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.957864	5475-5725	PASS
40	120	5699.962525	5475-5725	PASS
30	120	5699.949296	5475-5725	PASS
20	120	5699.989984	5475-5725	PASS
10	120	5699.950342	5475-5725	PASS
0	120	5699.996080	5475-5725	PASS
-10	120	5699.972869	5475-5725	PASS
-20	120	5699.950776	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.950273	5475-5725	PASS
	120	5699.989984	5475-5725	PASS
	132	5699.999827	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.989192	5725-5850	PASS
40	120	5744.992577	5725-5850	PASS
30	120	5744.965233	5725-5850	PASS
20	120	5744.988687	5725-5850	PASS
10	120	5744.968774	5725-5850	PASS
0	120	5744.955028	5725-5850	PASS
-10	120	5744.996102	5725-5850	PASS
-20	120	5744.986678	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.952800	5725-5850	PASS
	120	5744.988687	5725-5850	PASS
	132	5744.985097	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.995123	5725-5850	PASS
40	120	5824.960255	5725-5850	PASS
30	120	5824.980527	5725-5850	PASS
20	120	5824.987686	5725-5850	PASS
10	120	5824.979511	5725-5850	PASS
0	120	5824.968540	5725-5850	PASS
-10	120	5824.970944	5725-5850	PASS
-20	120	5824.976357	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.963600	5725-5850	PASS
	120	5824.987686	5725-5850	PASS
	132	5824.977758	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.961546	5150-5250	PASS
40	120	5179.956089	5150-5250	PASS
30	120	5179.970823	5150-5250	PASS
20	120	5179.987697	5150-5250	PASS
10	120	5179.992203	5150-5250	PASS
0	120	5179.964658	5150-5250	PASS
-10	120	5179.987997	5150-5250	PASS
-20	120	5179.953584	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.954426	5150-5250	PASS
	120	5179.987697	5150-5250	PASS
	132	5179.963787	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	5239.997232	5150-5250	PASS
40	120	5239.967907	5150-5250	PASS
30	120	5239.965730	5150-5250	PASS
20	120	5239.988984	5150-5250	PASS
10	120	5239.969741	5150-5250	PASS
0	120	5239.976608	5150-5250	PASS
-10	120	5239.959616	5150-5250	PASS
-20	120	5239.979081	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.997509	5150-5250	PASS
	120	5239.988984	5150-5250	PASS
	132	5239.955728	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	5259.972152	5250-5350	PASS
40	120	5259.956385	5250-5350	PASS
30	120	5259.984967	5250-5350	PASS
20	120	5259.987367	5250-5350	PASS
10	120	5259.959036	5250-5350	PASS
0	120	5259.977831	5250-5350	PASS
-10	120	5259.996861	5250-5350	PASS
-20	120	5259.989088	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.965351	5250-5350	PASS
	120	5259.987367	5250-5350	PASS
	132	5259.963368	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	5319.978886	5250-5350	PASS
40	120	5319.963727	5250-5350	PASS
30	120	5319.982612	5250-5350	PASS
20	120	5319.984965	5250-5350	PASS
10	120	5319.966432	5250-5350	PASS
0	120	5319.975456	5250-5350	PASS
-10	120	5319.996250	5250-5350	PASS
-20	120	5319.979590	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.970360	5250-5350	PASS
	120	5319.984965	5250-5350	PASS
	132	5319.959897	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	5499.985302	5475-5725	PASS
40	120	5499.990883	5475-5725	PASS
30	120	5499.993054	5475-5725	PASS
20	120	5499.987937	5475-5725	PASS
10	120	5499.983372	5475-5725	PASS
0	120	5499.972884	5475-5725	PASS
-10	120	5499.954301	5475-5725	PASS
-20	120	5499.993434	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.990967	5475-5725	PASS
	120	5499.987937	5475-5725	PASS
	132	5499.985070	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	5699.981805	5475-5725	PASS
40	120	5699.959879	5475-5725	PASS
30	120	5699.988339	5475-5725	PASS
20	120	5699.988957	5475-5725	PASS
10	120	5699.968380	5475-5725	PASS
0	120	5699.991099	5475-5725	PASS
-10	120	5699.958635	5475-5725	PASS
-20	120	5699.978199	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.950298	5475-5725	PASS
	120	5699.988957	5475-5725	PASS
	132	5699.973758	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	5744.963050	5725-5850	PASS
40	120	5744.986276	5725-5850	PASS
30	120	5744.970061	5725-5850	PASS
20	120	5744.978697	5725-5850	PASS
10	120	5744.996949	5725-5850	PASS
0	120	5744.967688	5725-5850	PASS
-10	120	5744.950166	5725-5850	PASS
-20	120	5744.979045	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.950152	5725-5850	PASS
	120	5744.978697	5725-5850	PASS
	132	5744.978437	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	5824.998915	5725-5850	PASS
40	120	5824.975035	5725-5850	PASS
30	120	5824.997623	5725-5850	PASS
20	120	5824.978368	5725-5850	PASS
10	120	5824.977004	5725-5850	PASS
0	120	5824.950464	5725-5850	PASS
-10	120	5824.989068	5725-5850	PASS
-20	120	5824.978827	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.965866	5725-5850	PASS
	120	5824.978368	5725-5850	PASS
	132	5824.990011	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.978113	5150-5250	PASS
40	120	5189.972663	5150-5250	PASS
30	120	5189.990107	5150-5250	PASS
20	120	5189.998325	5150-5250	PASS
10	120	5189.983708	5150-5250	PASS
0	120	5189.988175	5150-5250	PASS
-10	120	5189.992839	5150-5250	PASS
-20	120	5189.983828	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.995221	5150-5250	PASS
	120	5189.998325	5150-5250	PASS
	132	5189.953610	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	5229.986161	5150-5250	PASS
40	120	5229.961695	5150-5250	PASS
30	120	5229.958219	5150-5250	PASS
20	120	5230.000185	5150-5250	PASS
10	120	5229.974879	5150-5250	PASS
0	120	5229.987515	5150-5250	PASS
-10	120	5229.950798	5150-5250	PASS
-20	120	5229.985568	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.978618	5150-5250	PASS
	120	5230.000185	5150-5250	PASS
	132	5229.994925	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	5269.952188	5250-5350	PASS
40	120	5269.963126	5250-5350	PASS
30	120	5269.962363	5250-5350	PASS
20	120	5269.988689	5250-5350	PASS
10	120	5269.975471	5250-5350	PASS
0	120	5269.961633	5250-5350	PASS
-10	120	5269.983309	5250-5350	PASS
-20	120	5269.957496	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.951332	5250-5350	PASS
	120	5269.988689	5250-5350	PASS
	132	5269.999279	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	5309.987296	5250-5350	PASS
40	120	5309.964638	5250-5350	PASS
30	120	5309.998456	5250-5350	PASS
20	120	5310.000198	5250-5350	PASS
10	120	5309.994489	5250-5350	PASS
0	120	5309.951346	5250-5350	PASS
-10	120	5309.955363	5250-5350	PASS
-20	120	5309.980185	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.978084	5250-5350	PASS
	120	5310.000198	5250-5350	PASS
	132	5309.952282	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	5509.961400	5475-5725	PASS
40	120	5509.997570	5475-5725	PASS
30	120	5509.977551	5475-5725	PASS
20	120	5509.988697	5475-5725	PASS
10	120	5509.996412	5475-5725	PASS
0	120	5509.971979	5475-5725	PASS
-10	120	5509.999624	5475-5725	PASS
-20	120	5509.986291	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.961736	5475-5725	PASS
	120	5509.988697	5475-5725	PASS
	132	5509.995239	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	5669.985584	5475-5725	PASS
40	120	5669.975062	5475-5725	PASS
30	120	5669.999151	5475-5725	PASS
20	120	5670.000102	5475-5725	PASS
10	120	5669.969635	5475-5725	PASS
0	120	5669.992879	5475-5725	PASS
-10	120	5669.994732	5475-5725	PASS
-20	120	5669.960728	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.987829	5475-5725	PASS
	120	5670.000102	5475-5725	PASS
	132	5669.999267	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	5754.978608	5725-5850	PASS
40	120	5754.967941	5725-5850	PASS
30	120	5754.981874	5725-5850	PASS
20	120	5754.988368	5725-5850	PASS
10	120	5754.973939	5725-5850	PASS
0	120	5754.983429	5725-5850	PASS
-10	120	5754.986815	5725-5850	PASS
-20	120	5754.975755	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.995225	5725-5850	PASS
	120	5754.988368	5725-5850	PASS
	132	5754.963831	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	5794.993306	5725-5850	PASS
40	120	5794.979684	5725-5850	PASS
30	120	5794.976344	5725-5850	PASS
20	120	5794.988697	5725-5850	PASS
10	120	5794.960854	5725-5850	PASS
0	120	5794.991998	5725-5850	PASS
-10	120	5794.965066	5725-5850	PASS
-20	120	5794.983398	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.990255	5725-5850	PASS
	120	5794.988697	5725-5850	PASS
	132	5794.993547	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.960176	5150-5250	PASS
40	120	5179.957334	5150-5250	PASS
30	120	5179.986356	5150-5250	PASS
20	120	5179.987683	5150-5250	PASS
10	120	5179.999258	5150-5250	PASS
0	120	5179.970539	5150-5250	PASS
-10	120	5179.986413	5150-5250	PASS
-20	120	5179.969759	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.963768	5150-5250	PASS
	120	5179.987683	5150-5250	PASS
	132	5179.983224	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.957906	5150-5250	PASS
40	120	5239.964455	5150-5250	PASS
30	120	5239.996478	5150-5250	PASS
20	120	5239.979834	5150-5250	PASS
10	120	5239.979513	5150-5250	PASS
0	120	5239.965875	5150-5250	PASS
-10	120	5239.965633	5150-5250	PASS
-20	120	5239.953405	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.978737	5150-5250	PASS
	120	5239.979834	5150-5250	PASS
	132	5239.971968	5150-5250	PASS

IEEE 802.11ac 20 mode / 5260 ~ 5320MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.969134	5250-5350	PASS
40	120	5259.962222	5250-5350	PASS
30	120	5259.987327	5250-5350	PASS
20	120	5259.986987	5250-5350	PASS
10	120	5259.951248	5250-5350	PASS
0	120	5259.955066	5250-5350	PASS
-10	120	5259.955324	5250-5350	PASS
-20	120	5259.958678	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.979703	5250-5350	PASS
	120	5259.986987	5250-5350	PASS
	132	5259.998404	5250-5350	PASS

IEEE 802.11ac 20 mode / 5260 ~ 5320MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.975724	5250-5350	PASS
40	120	5319.953451	5250-5350	PASS
30	120	5319.957715	5250-5350	PASS
20	120	5319.987863	5250-5350	PASS
10	120	5319.957906	5250-5350	PASS
0	120	5319.982140	5250-5350	PASS
-10	120	5319.972966	5250-5350	PASS
-20	120	5319.952181	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.955397	5250-5350	PASS
	120	5319.987863	5250-5350	PASS
	132	5319.951076	5250-5350	PASS

IEEE 802.11ac 20 mode / 5500 ~ 5700MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.949424	5475-5725	PASS
40	120	5499.980443	5475-5725	PASS
30	120	5499.962682	5475-5725	PASS
20	120	5499.988523	5475-5725	PASS
10	120	5499.999583	5475-5725	PASS
0	120	5499.959019	5475-5725	PASS
-10	120	5499.970840	5475-5725	PASS
-20	120	5499.996166	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.985479	5475-5725	PASS
	120	5499.988523	5475-5725	PASS
	132	5499.977534	5475-5725	PASS

IEEE 802.11ac 20 mode / 5500 ~ 5700MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.968405	5475-5725	PASS
40	120	5699.954234	5475-5725	PASS
30	120	5699.955277	5475-5725	PASS
20	120	5699.978954	5475-5725	PASS
10	120	5699.976306	5475-5725	PASS
0	120	5699.951898	5475-5725	PASS
-10	120	5699.972382	5475-5725	PASS
-20	120	5699.999454	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.978142	5475-5725	PASS
	120	5699.978954	5475-5725	PASS
	132	5699.963071	5475-5725	PASS

IEEE 802.11ac 20 mode / 5745 ~ 5825MHz (Low)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.966556	5725-5850	PASS
40	120	5744.972776	5725-5850	PASS
30	120	5744.996583	5725-5850	PASS
20	120	5744.996687	5725-5850	PASS
10	120	5744.953092	5725-5850	PASS
0	120	5744.981541	5725-5850	PASS
-10	120	5744.950050	5725-5850	PASS
-20	120	5744.974429	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.992725	5725-5850	PASS
	120	5744.996687	5725-5850	PASS
	132	5744.972636	5725-5850	PASS

IEEE 802.11ac 20 mode / 5745 ~ 5825MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.992094	5725-5850	PASS
40	120	5824.984580	5725-5850	PASS
30	120	5824.998532	5725-5850	PASS
20	120	5824.987672	5725-5850	PASS
10	120	5824.983165	5725-5850	PASS
0	120	5824.957334	5725-5850	PASS
-10	120	5824.990301	5725-5850	PASS
-20	120	5824.960785	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.966876	5725-5850	PASS
	120	5824.987672	5725-5850	PASS
	132	5824.969028	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.953932	5150-5250	PASS
40	120	5189.996141	5150-5250	PASS
30	120	5189.968796	5150-5250	PASS
20	120	5189.988344	5150-5250	PASS
10	120	5189.975478	5150-5250	PASS
0	120	5189.973027	5150-5250	PASS
-10	120	5189.960377	5150-5250	PASS
-20	120	5189.966347	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.952770	5150-5250	PASS
	120	5189.988344	5150-5250	PASS
	132	5189.991313	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.963042	5150-5250	PASS
40	120	5229.989290	5150-5250	PASS
30	120	5229.971162	5150-5250	PASS
20	120	5230.000381	5150-5250	PASS
10	120	5229.949876	5150-5250	PASS
0	120	5229.969978	5150-5250	PASS
-10	120	5229.970921	5150-5250	PASS
-20	120	5229.997487	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.970966	5150-5250	PASS
	120	5230.000381	5150-5250	PASS
	132	5229.967322	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.987818	5250-5350	PASS
40	120	5269.966706	5250-5350	PASS
30	120	5269.981419	5250-5350	PASS
20	120	5269.986978	5250-5350	PASS
10	120	5269.967319	5250-5350	PASS
0	120	5269.965536	5250-5350	PASS
-10	120	5269.966509	5250-5350	PASS
-20	120	5269.960613	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.983844	5250-5350	PASS
	120	5269.986978	5250-5350	PASS
	132	5269.984048	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.996300	5250-5350	PASS
40	120	5309.988073	5250-5350	PASS
30	120	5309.966035	5250-5350	PASS
20	120	5310.000156	5250-5350	PASS
10	120	5309.969394	5250-5350	PASS
0	120	5309.961014	5250-5350	PASS
-10	120	5309.960395	5250-5350	PASS
-20	120	5309.955836	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.979008	5250-5350	PASS
	120	5310.000156	5250-5350	PASS
	132	5309.995204	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.949569	5475-5725	PASS
40	120	5509.966875	5475-5725	PASS
30	120	5509.958294	5475-5725	PASS
20	120	5509.978974	5475-5725	PASS
10	120	5509.964633	5475-5725	PASS
0	120	5509.958863	5475-5725	PASS
-10	120	5509.975494	5475-5725	PASS
-20	120	5509.982487	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.961370	5475-5725	PASS
	120	5509.978974	5475-5725	PASS
	132	5509.975830	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.993932	5475-5725	PASS
40	120	5669.963459	5475-5725	PASS
30	120	5669.998110	5475-5725	PASS
20	120	5670.000124	5475-5725	PASS
10	120	5669.970010	5475-5725	PASS
0	120	5669.976823	5475-5725	PASS
-10	120	5669.963092	5475-5725	PASS
-20	120	5669.963032	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.963173	5475-5725	PASS
	120	5670.000124	5475-5725	PASS
	132	5669.989310	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.955297	5725-5850	PASS
40	120	5754.955339	5725-5850	PASS
30	120	5754.986057	5725-5850	PASS
20	120	5754.998697	5725-5850	PASS
10	120	5754.975415	5725-5850	PASS
0	120	5754.983675	5725-5850	PASS
-10	120	5754.955615	5725-5850	PASS
-20	120	5754.956329	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.996466	5725-5850	PASS
	120	5754.998697	5725-5850	PASS
	132	5754.979803	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.953141	5725-5850	PASS
40	120	5794.994886	5725-5850	PASS
30	120	5794.963464	5725-5850	PASS
20	120	5794.987697	5725-5850	PASS
10	120	5794.967027	5725-5850	PASS
0	120	5794.967223	5725-5850	PASS
-10	120	5794.951790	5725-5850	PASS
-20	120	5794.974172	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.969034	5725-5850	PASS
	120	5794.987697	5725-5850	PASS
	132	5794.957210	5725-5850	PASS

IEEE 802.11ac 80 mode / 5210MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.994397	5150-5250	PASS
40	120	5209.958434	5150-5250	PASS
30	120	5209.951152	5150-5250	PASS
20	120	5210.000137	5150-5250	PASS
10	120	5209.982469	5150-5250	PASS
0	120	5209.971116	5150-5250	PASS
-10	120	5209.960738	5150-5250	PASS
-20	120	5209.985838	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.983984	5150-5250	PASS
	120	5210.000137	5150-5250	PASS
	132	5209.990925	5150-5250	PASS

IEEE 802.11ac 80 mode / 5290MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.996558	5250-5350	PASS
40	120	5289.982782	5250-5350	PASS
30	120	5289.971455	5250-5350	PASS
20	120	5289.989854	5250-5350	PASS
10	120	5289.985312	5250-5350	PASS
0	120	5289.966969	5250-5350	PASS
-10	120	5289.987066	5250-5350	PASS
-20	120	5289.963200	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.967357	5250-5350	PASS
	120	5289.989854	5250-5350	PASS
	132	5289.974854	5250-5350	PASS

IEEE 802.11ac 80 mode / 5530MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.986668	5475-5725	PASS
40	120	5529.993870	5475-5725	PASS
30	120	5529.957042	5475-5725	PASS
20	120	5529.977736	5475-5725	PASS
10	120	5529.981283	5475-5725	PASS
0	120	5529.984987	5475-5725	PASS
-10	120	5529.978367	5475-5725	PASS
-20	120	5529.971523	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.988569	5475-5725	PASS
	120	5529.977736	5475-5725	PASS
	132	5529.997216	5475-5725	PASS

IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.981720	5725-5850	PASS
40	120	5774.971414	5725-5850	PASS
30	120	5774.995929	5725-5850	PASS
20	120	5774.987689	5725-5850	PASS
10	120	5774.996101	5725-5850	PASS
0	120	5774.953439	5725-5850	PASS
-10	120	5774.994235	5725-5850	PASS
-20	120	5774.967437	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.956649	5725-5850	PASS
	120	5774.987689	5725-5850	PASS
	132	5774.970137	5725-5850	PASS