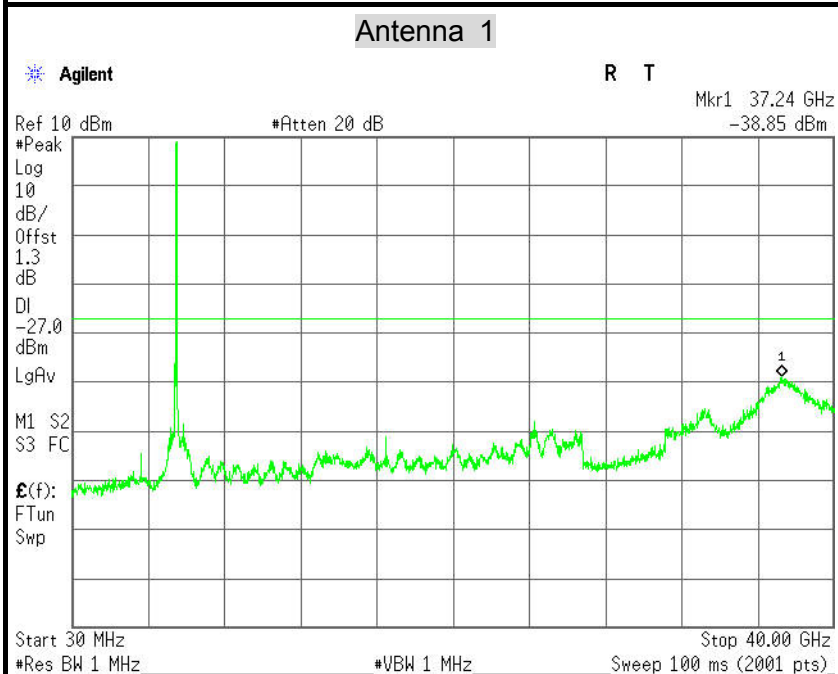


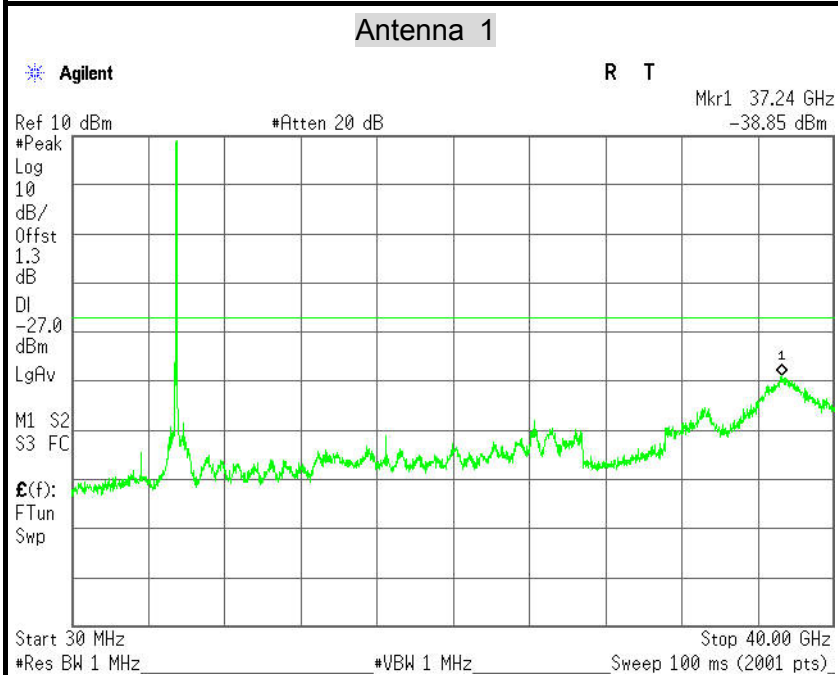


IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz

CH Low

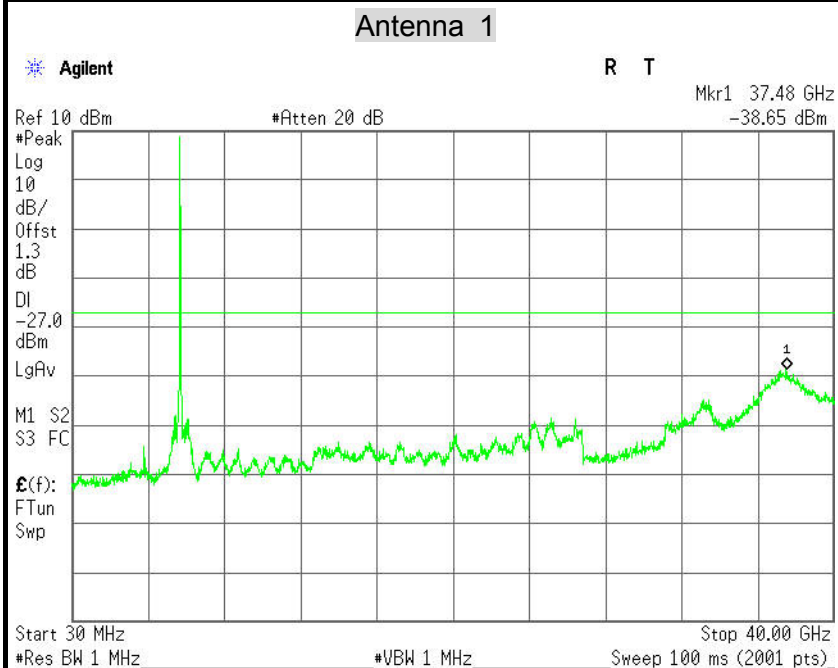


CH Mid



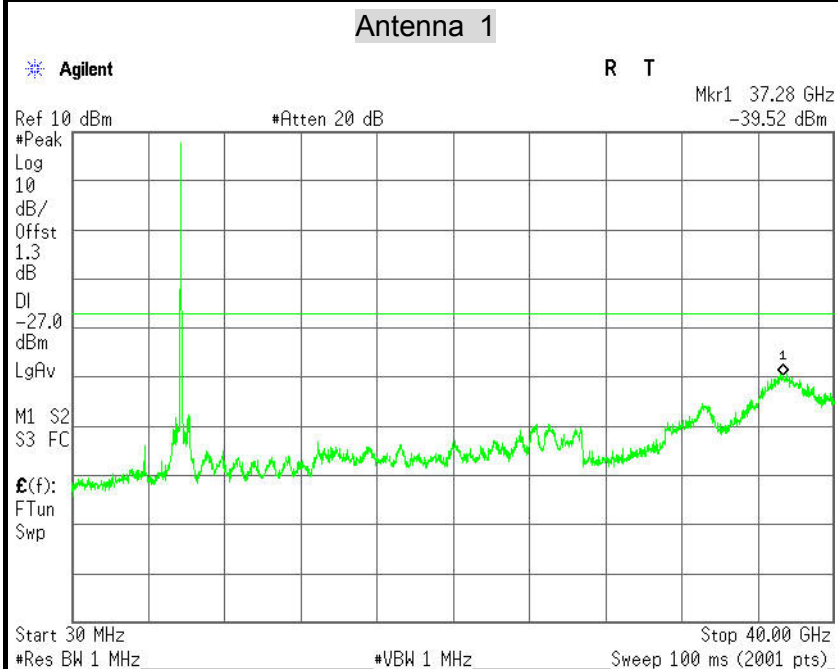


CH High



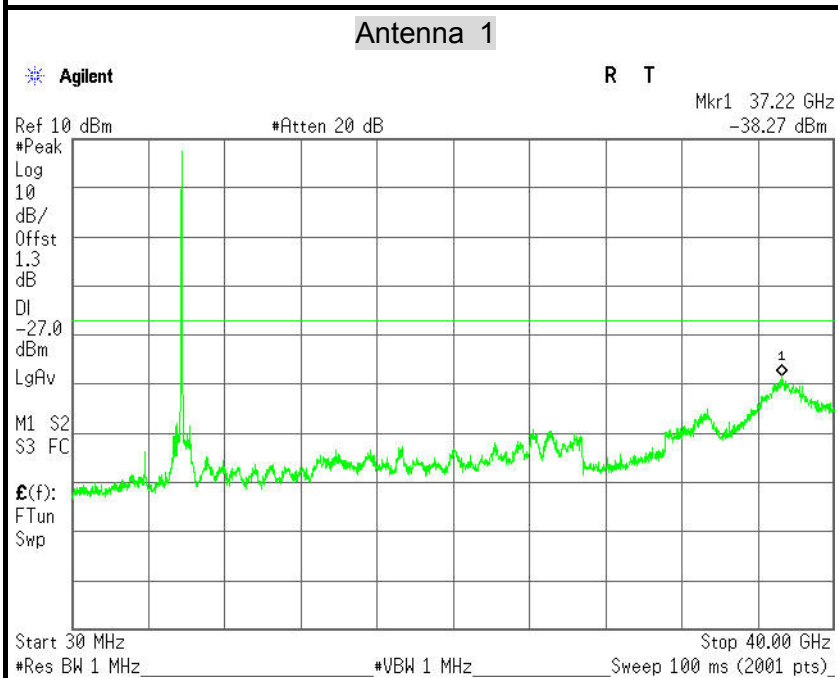
IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz

CH Low

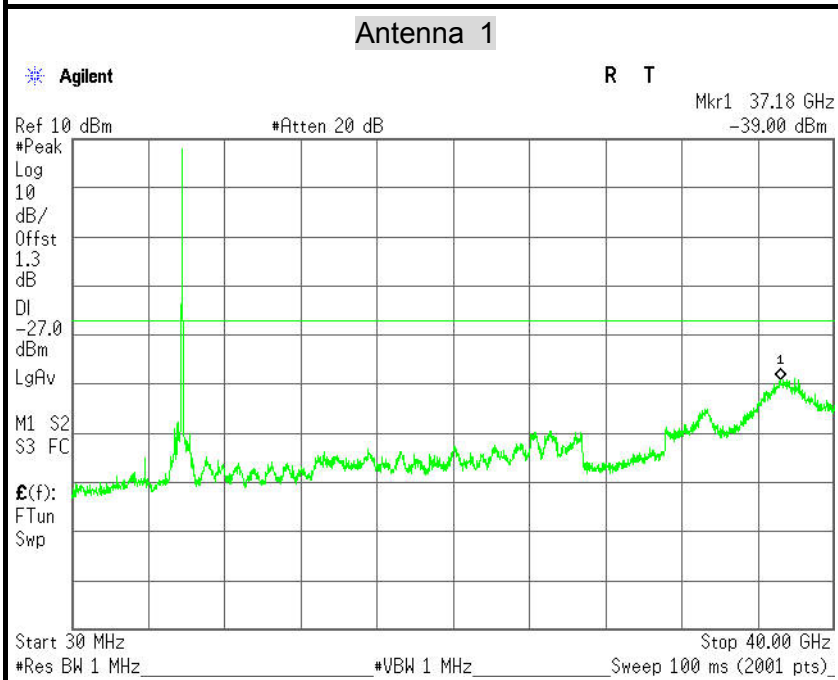




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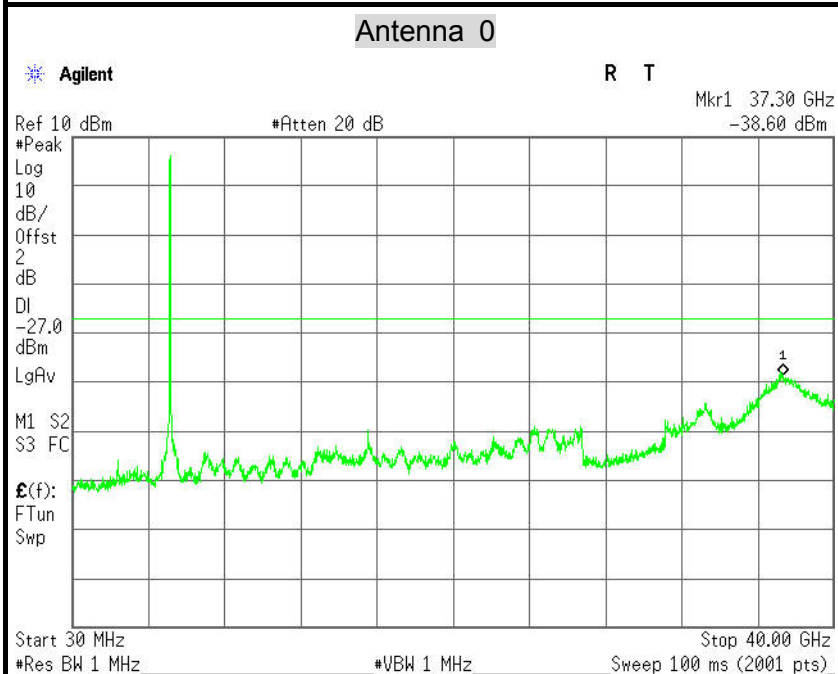
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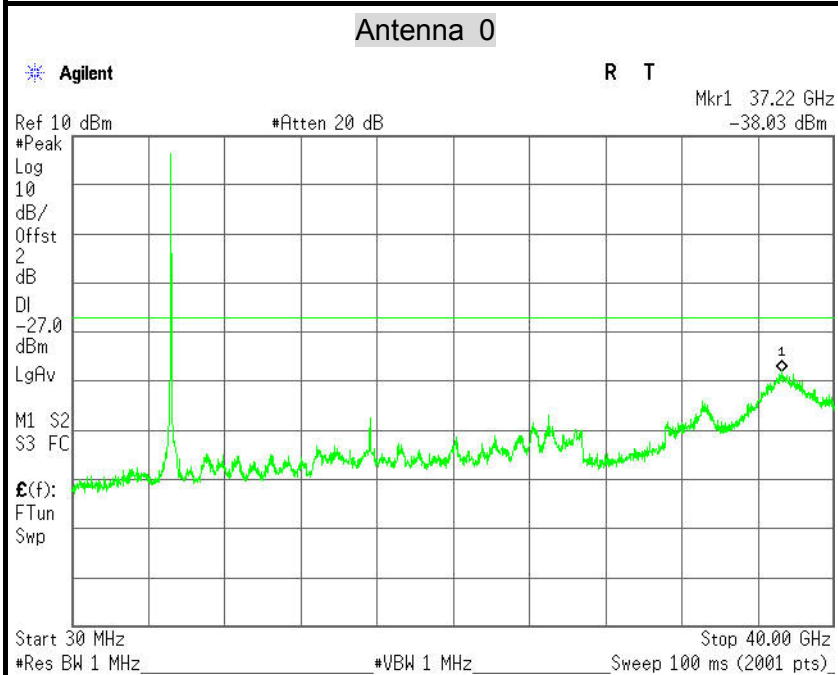


IEEE 802.11n HT 20 MHz SISO mode / 5180 ~ 5240MHz

CH Low

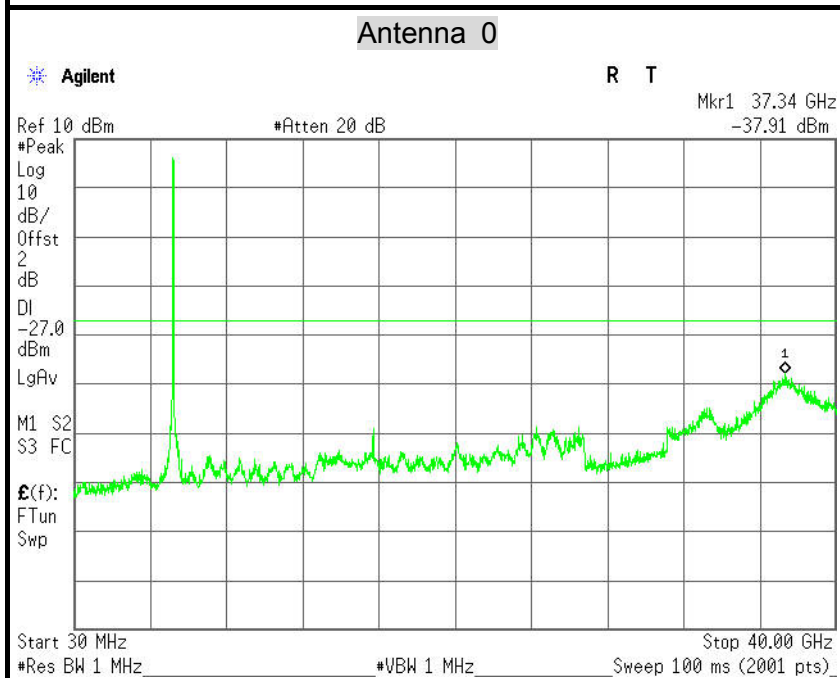


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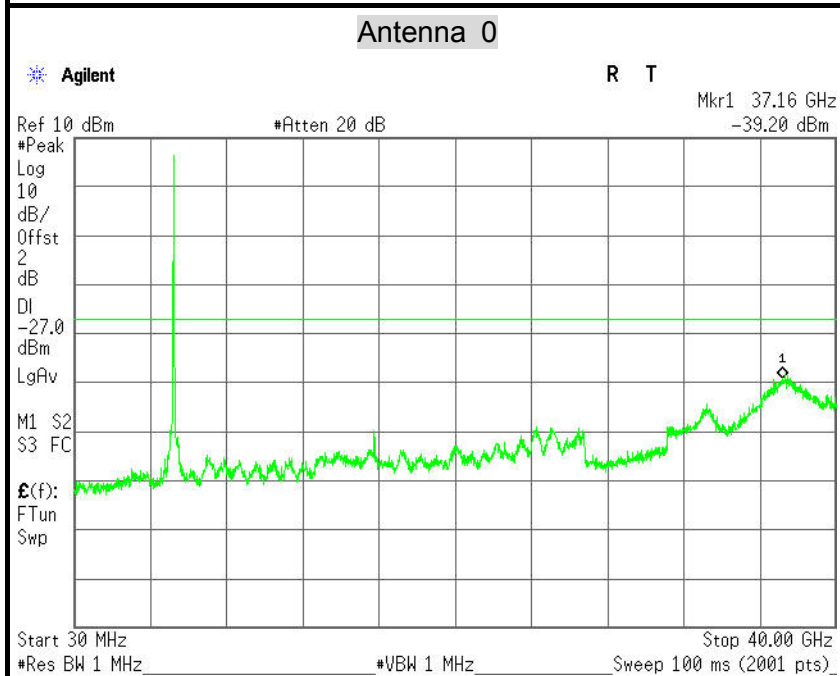


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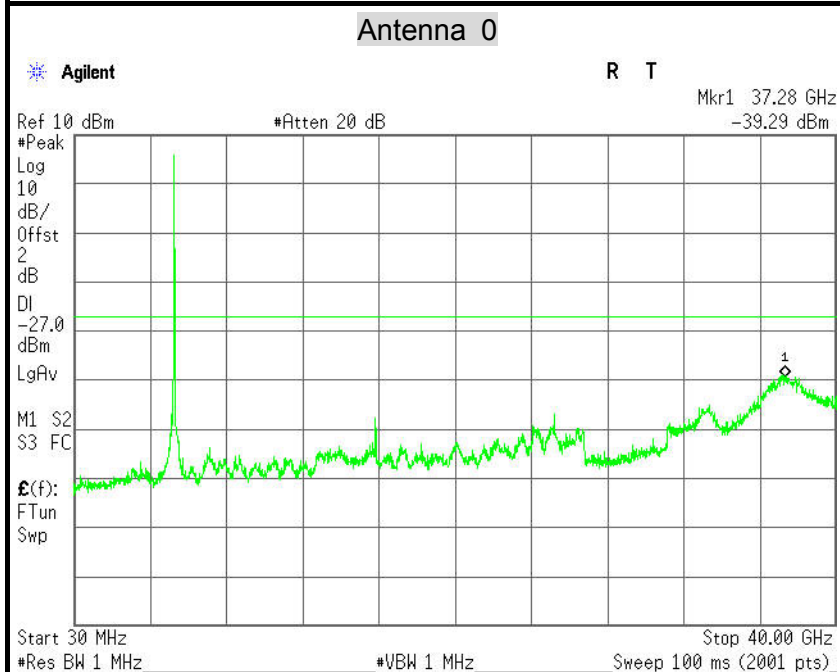
IEEE 802.11n HT 20 MHz SISO mode / 5260 ~ 5320MHz

CH Low

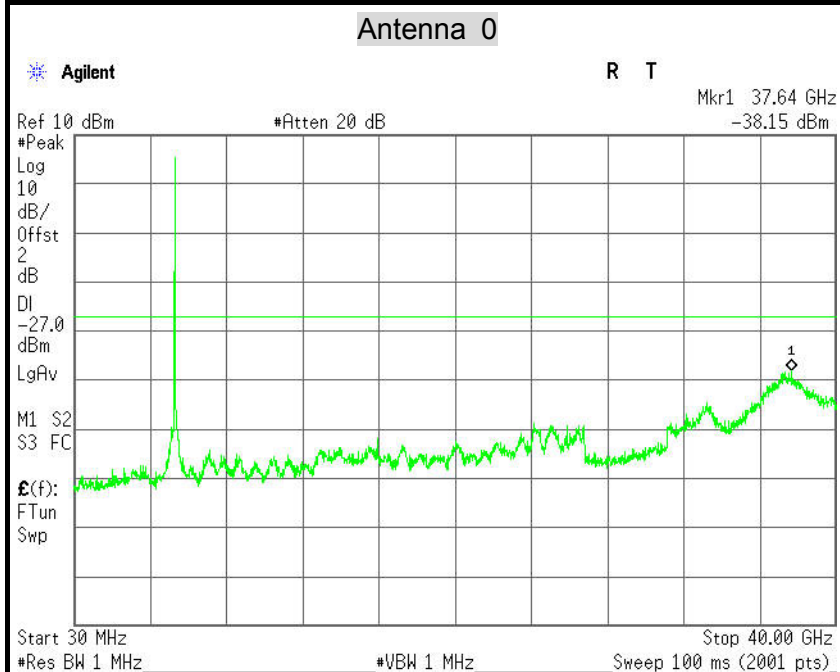




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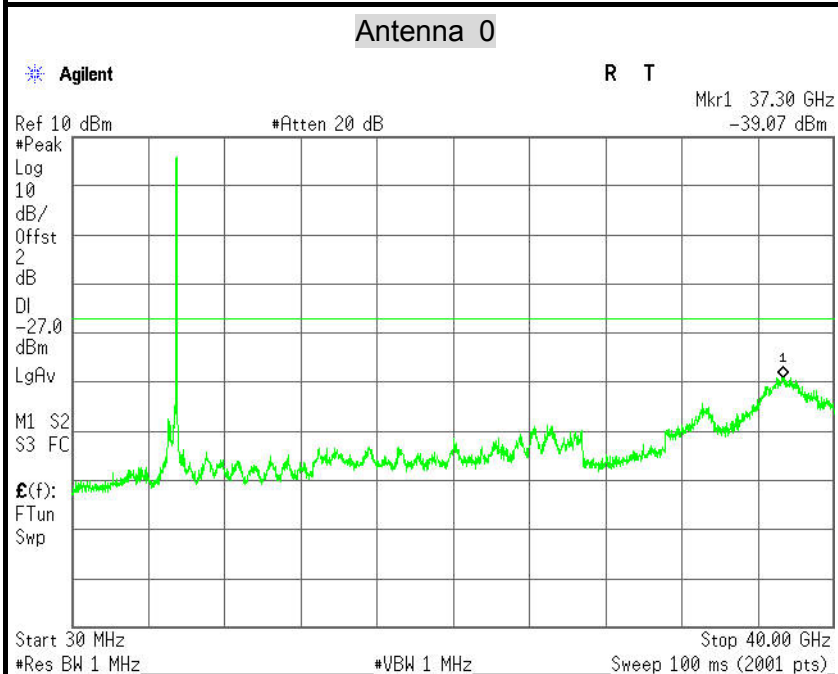
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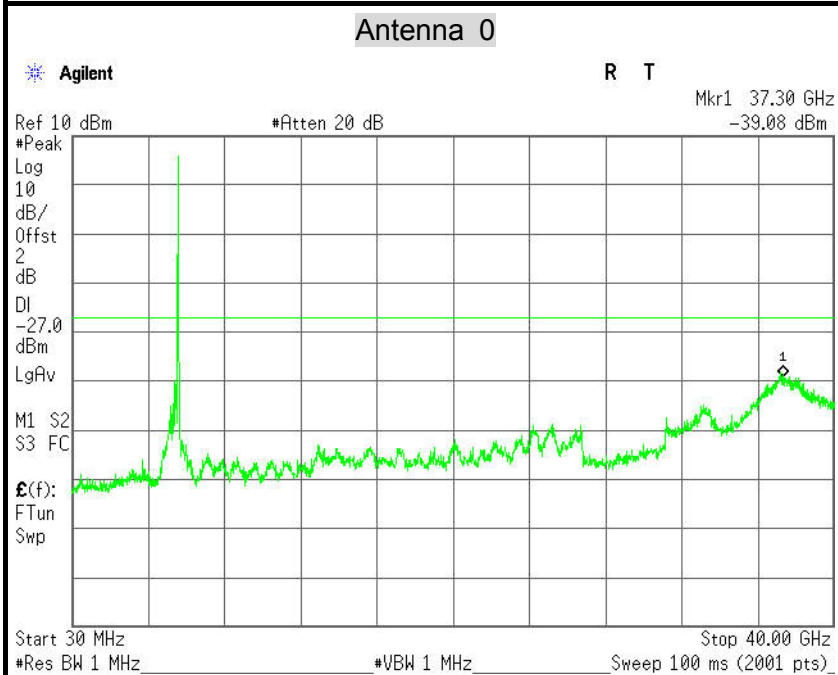


IEEE 802.11n HT 20 MHz SISO mode / 5500 ~ 5700MHz

CH Low

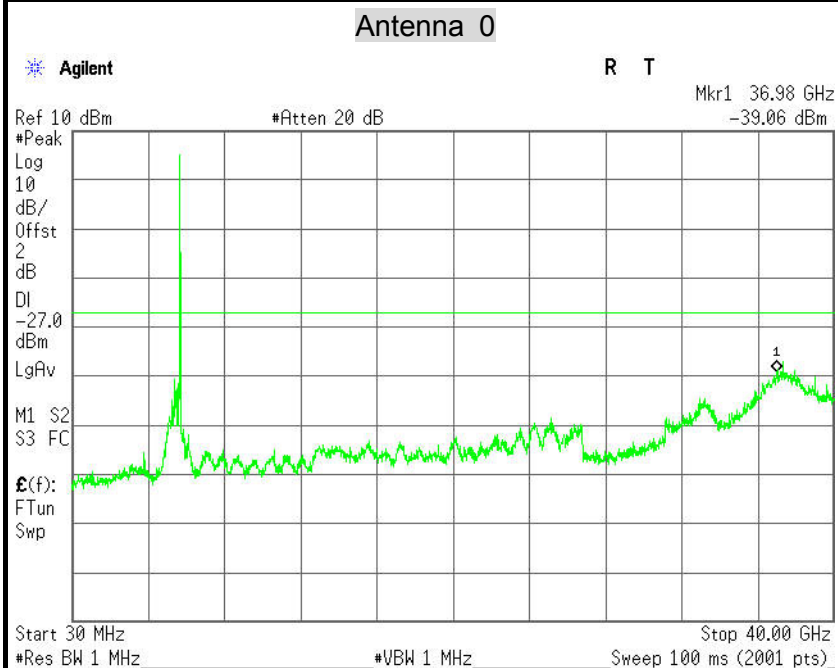


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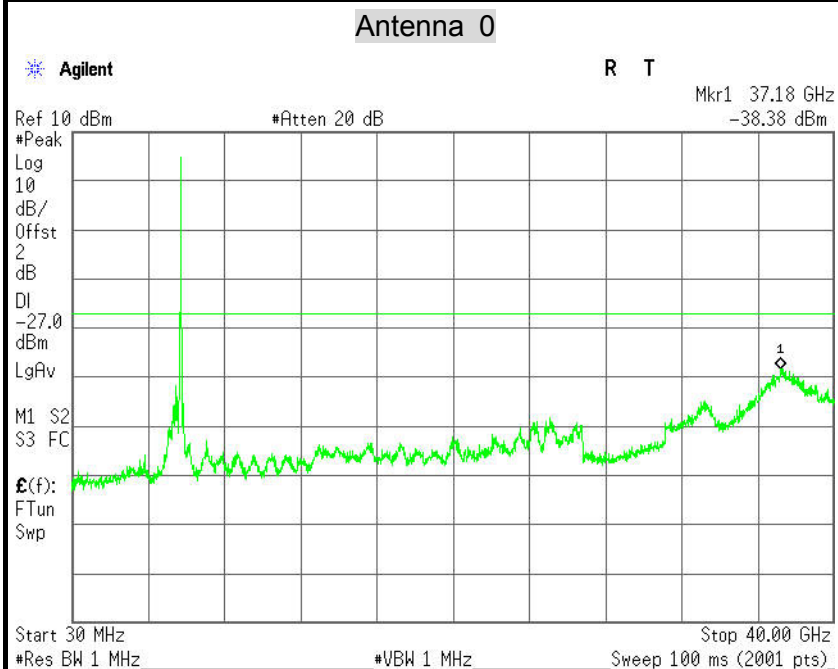


CH High



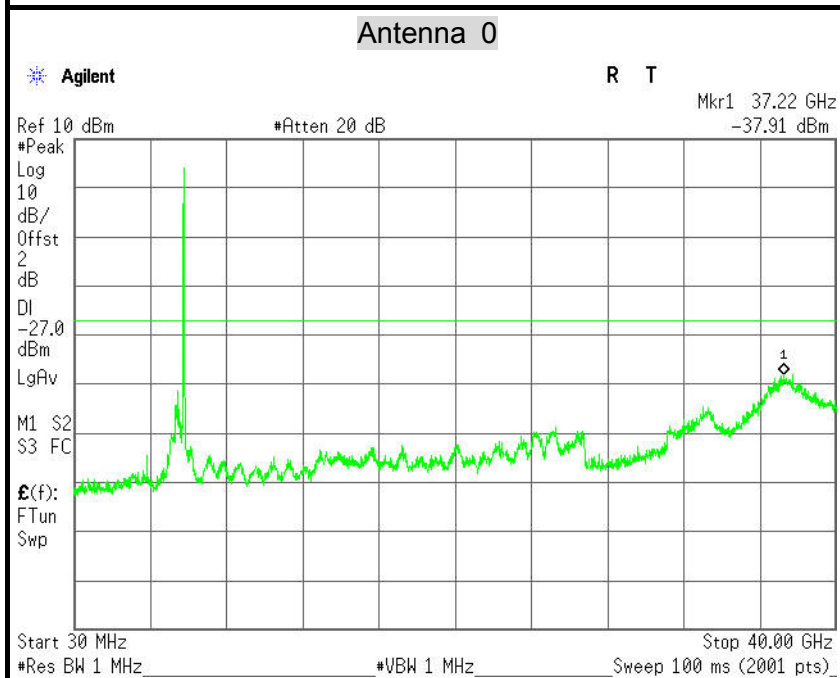
IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz

CH Low

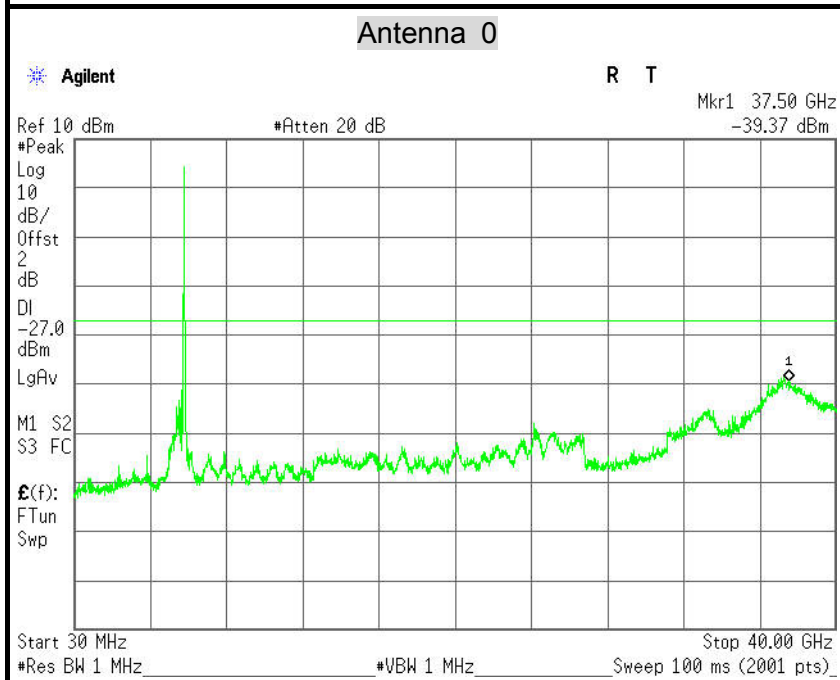




CH Mid



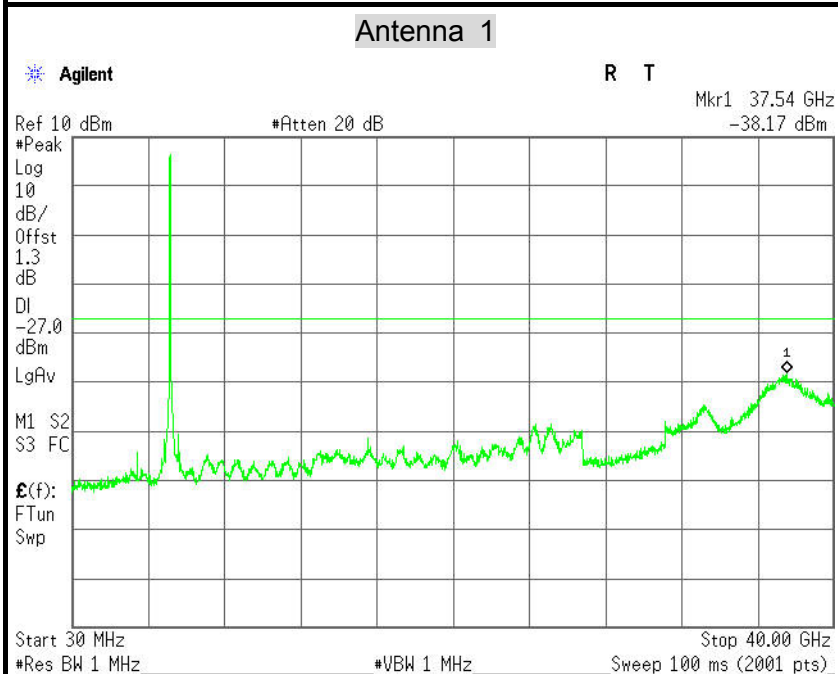
CH High



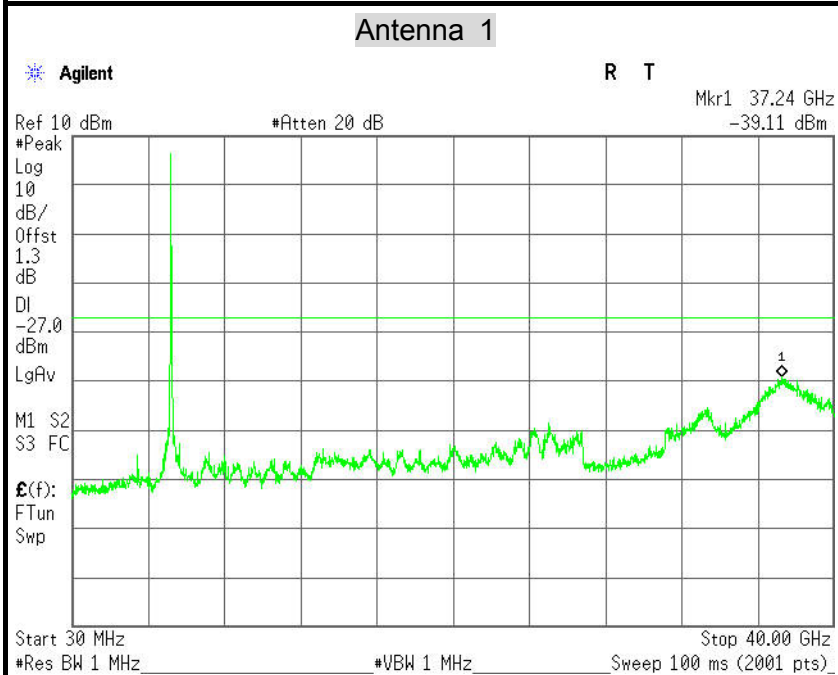


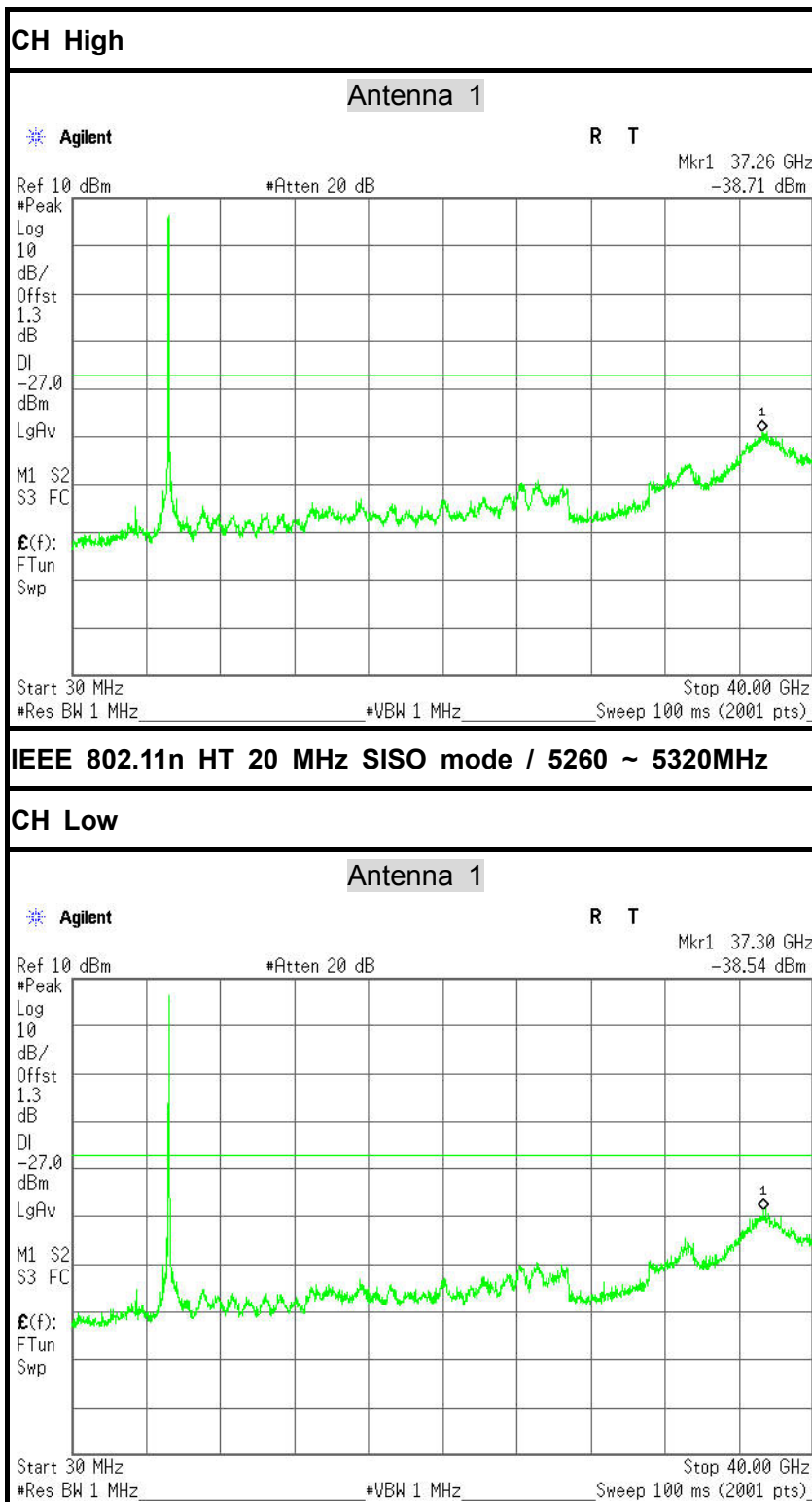
IEEE 802.11n HT 20 MHz SISO mode / 5180 ~ 5240MHz

CH Low



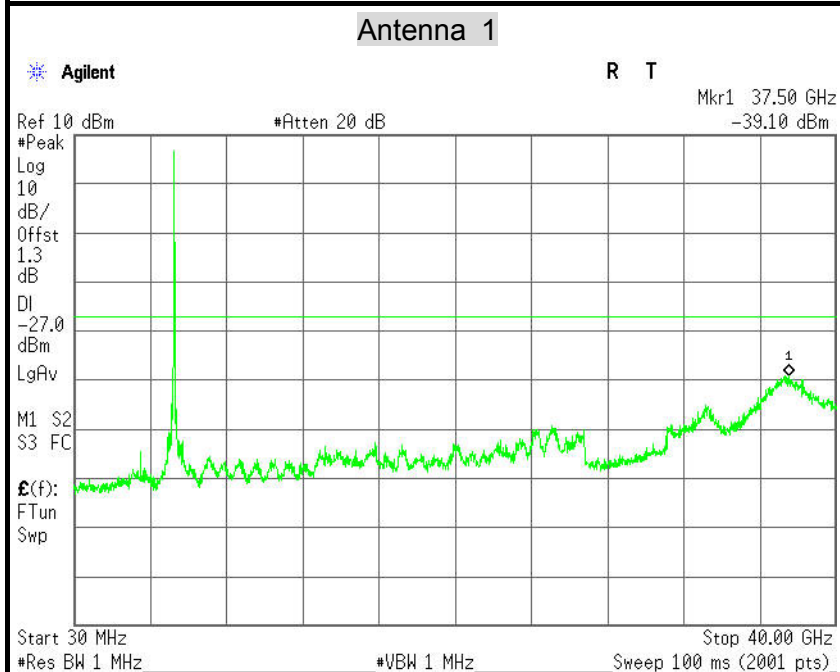
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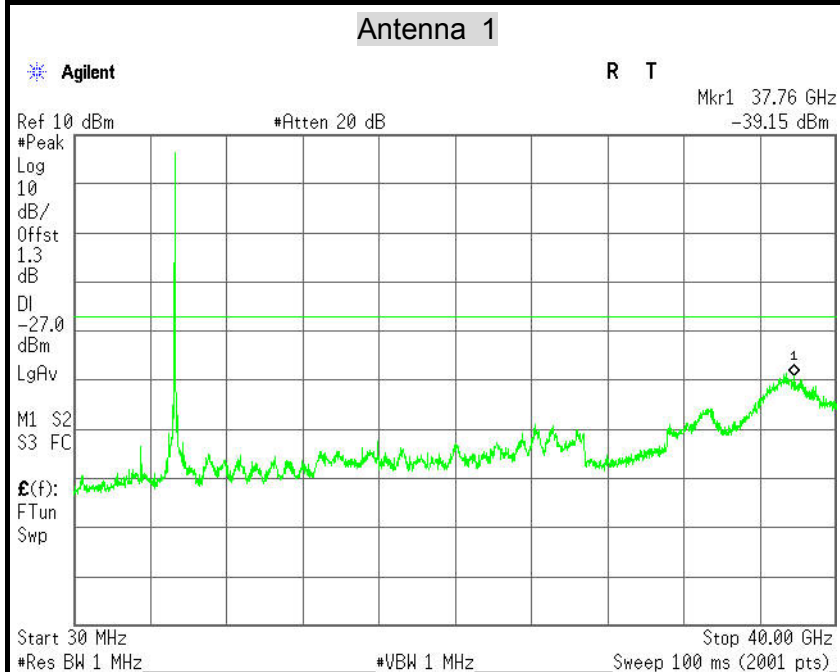




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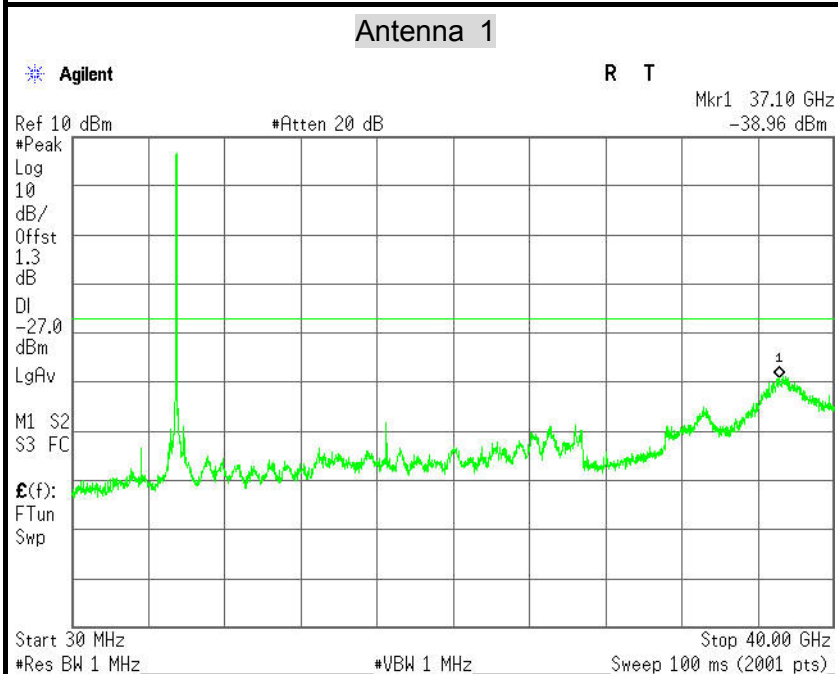
CH High



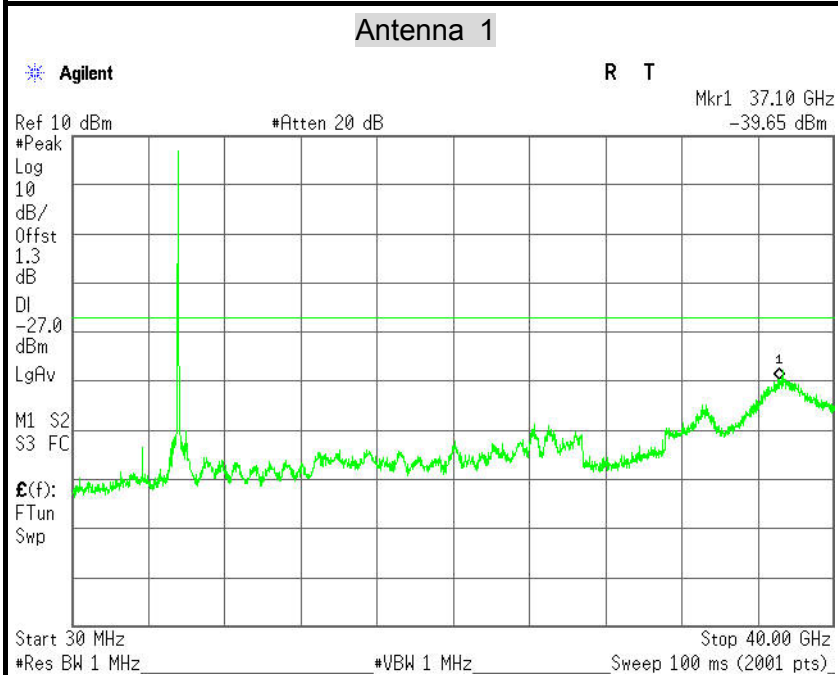


IEEE 802.11n HT 20 MHz SISO mode / 5500 ~ 5700MHz

CH Low

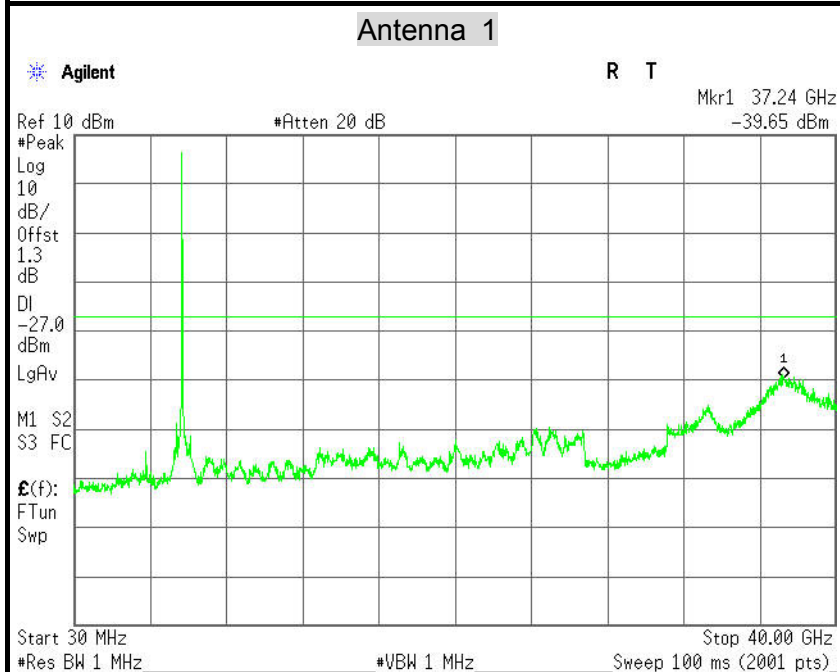


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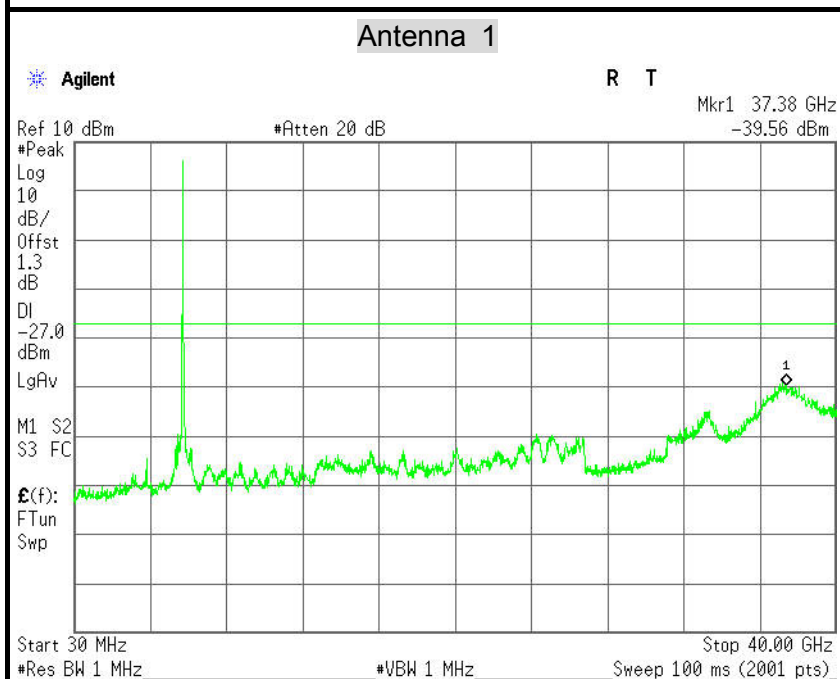


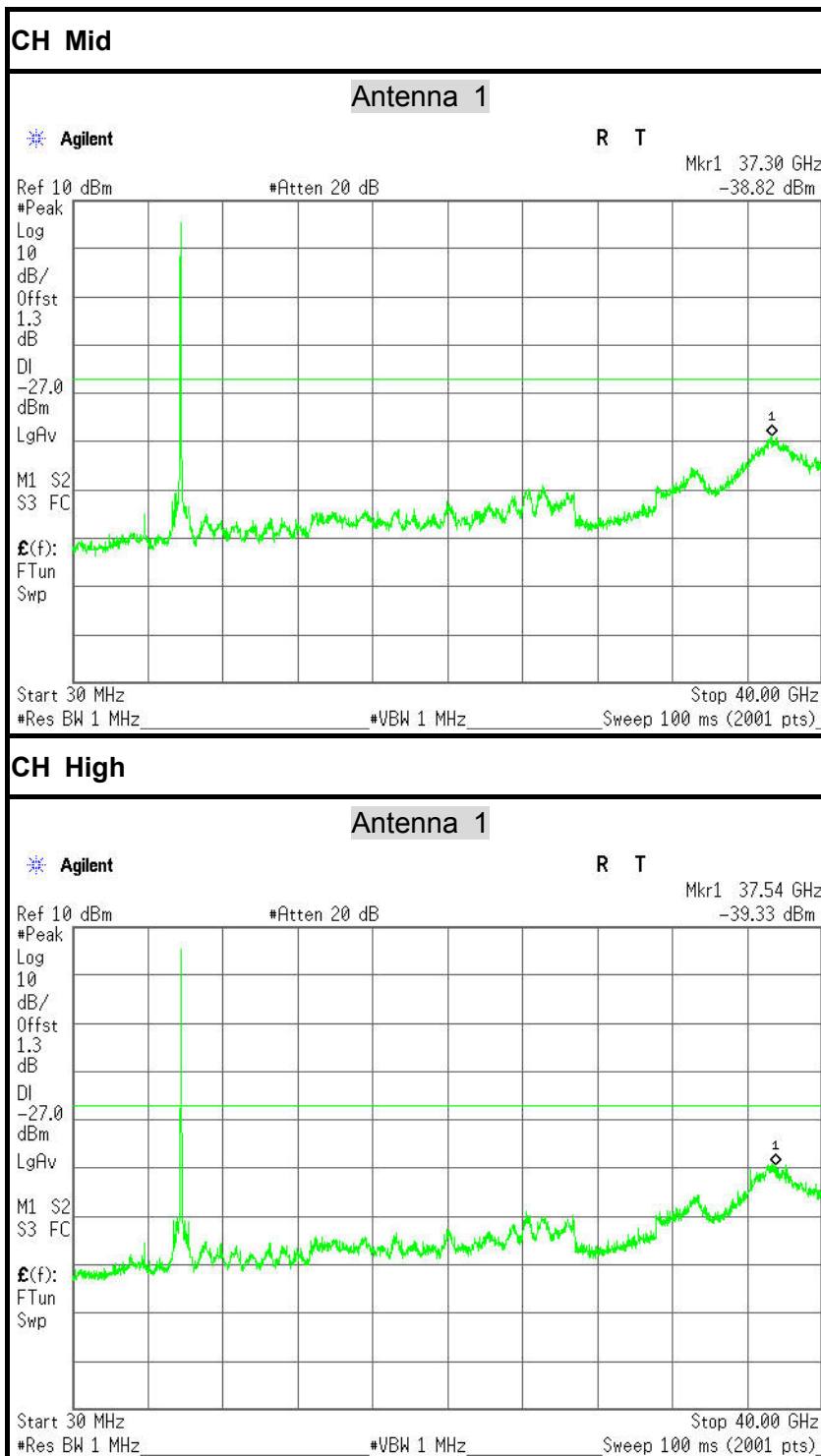
CH High



IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz

CH Low







7.9 POWERLINE CONDUCTED EMISSIONS S

7.9.1 LIMIT

According to §15.207(a) & RSS-Gen §7.2.4, 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 μ 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 μ 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.

7.9.2 TEST INSTRUMENTS

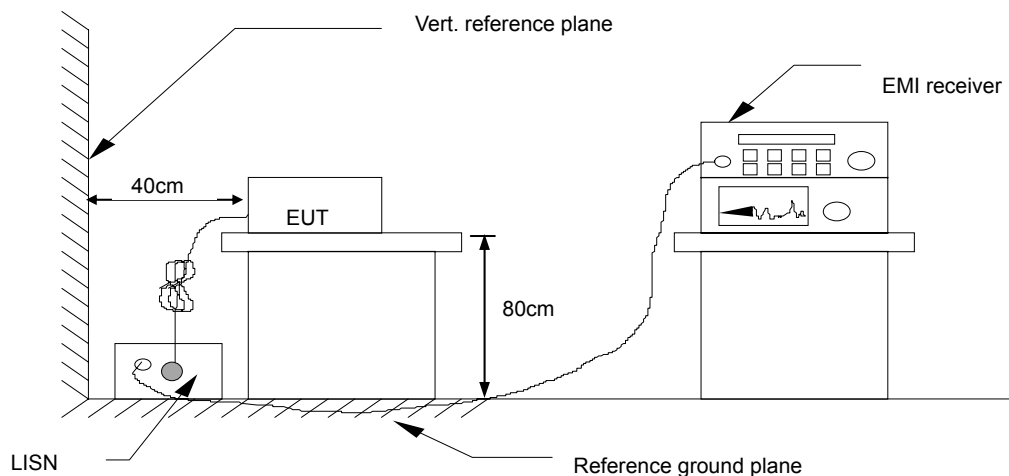
Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	03/09/2014	03/08/2015
LISN(EUT)	ROHDE&SCHWARZ	ENV216	101543-WX	04/20/2014	04/19/2015
LISN	EMCO	3825/2	8901-1459	03/09/2014	03/08/2015
Temp. / Humidity Meter	VICTOR	HTC-1	N/A	03/17/2014	03/17/2015
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.



7.9.3 TEST CONFIGURATION



7.9.4 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.

7.9.5 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)



7.9.6 TEST RESULTS

Model No.	K1401	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	HDMI Out + Adapter 1#
Tested by	Sun Guo	Line	L1

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)
0.3700	42.55	31.78	9.68	52.23	41.46	58.50	48.50	-6.27	-7.04	Pass	L1
0.4140	42.09	33.26	9.68	51.77	42.94	57.57	47.57	-5.80	-4.63	Pass	L1
0.8260	38.86	29.15	9.76	48.62	38.91	56.00	46.00	-7.38	-7.09	Pass	L1
1.1660	38.82	29.34	9.71	48.53	39.05	56.00	46.00	-7.47	-6.95	Pass	L1
2.1780	38.63	27.69	9.72	48.35	37.41	56.00	46.00	-7.65	-8.59	Pass	L1
5.0620	38.59	23.00	9.68	48.27	32.68	60.00	50.00	-11.73	-17.32	Pass	L1
0.4180	42.81	31.88	9.71	52.52	41.59	57.49	47.49	-4.97	-5.90	Pass	L2
0.5220	38.97	28.14	9.68	48.65	37.82	56.00	46.00	-7.35	-8.18	Pass	L2
0.8860	38.72	27.10	9.76	48.48	36.86	56.00	46.00	-7.52	-9.14	Pass	L2
1.1460	38.64	26.56	9.80	48.44	36.36	56.00	46.00	-7.56	-9.64	Pass	L2
1.4460	38.19	25.17	9.78	47.97	34.95	56.00	46.00	-8.03	-11.05	Pass	L2
5.3700	39.07	25.49	9.78	48.85	35.27	60.00	50.00	-11.15	-14.73	Pass	L2

Remark:

1. Measuring frequencies from 0.15 MHz to 30MHz.
2. The emissions measured in frequency range from 0.15 MHz to 30MHz were made with an instrument using Quasi-peak detector and average detector.
3. The IF bandwidth of SPA between 0.15MHz to 30MHz was 10kHz; the IF bandwidth of Test Receiver between 0.15MHz to 30MHz was 9kHz;
4. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line)



7.10 FREQUENCY STABILITY

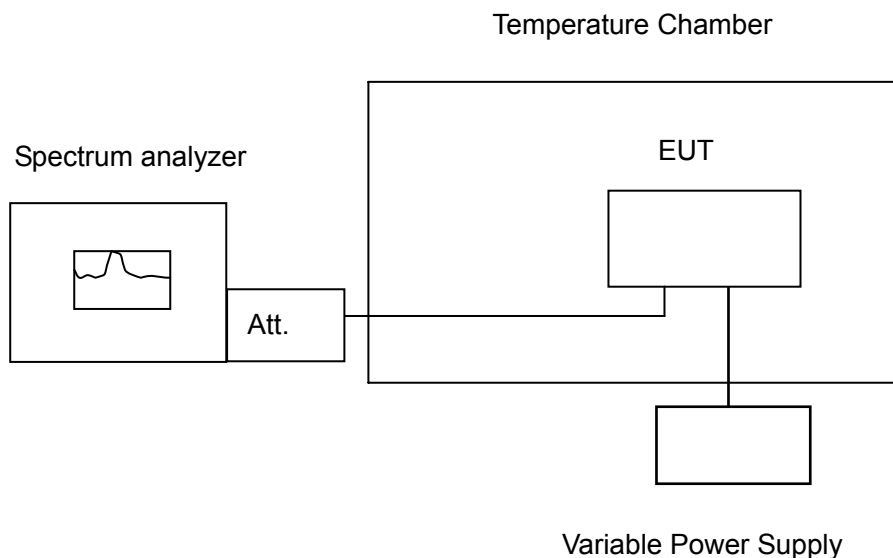
7.10.1 LIMIT

According to §15.407(g) & RSS-210 §A9.5(5), 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.

7.10.2 TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/01/2014	03/01/2015
DC Power Supply	DAZHENG	PS-605D	20018978	N.C.R	N.C.R
AC POWER SOURCE	UMART	HPA1010	N/A	N.C.R	N.C.R
Power Meter	Anritsu	ML2495A	1204003	03/01/2014	03/01/2015
Power Sensor	Anritsu	MA2411B	1126150	03/01/2014	03/01/2015
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2013	11/18/2014
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/28/2014	02/28/2015

7.10.3 TEST CONFIGURATION



Remark: Measurement setup for testing on Antenna connector

**7.10.4 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.

7.10.5 TEST RESULTS

No non-compliance noted.

**Test Data**
Antenna 0**IEEE 802.11a mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.990977	5150-5250	PASS
40	120	5179.971505	5150-5250	PASS
30	120	5179.973548	5150-5250	PASS
20	120	5179.966861	5150-5250	PASS
10	120	5179.956627	5150-5250	PASS
0	120	5179.988881	5150-5250	PASS
-10	120	5179.959277	5150-5250	PASS
-20	120	5179.965210	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.955247	5150-5250	PASS
	120	5179.966861	5150-5250	PASS
	132	5179.991133	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.982590	5150-5250	PASS
40	120	5239.953294	5150-5250	PASS
30	120	5239.955777	5150-5250	PASS
20	120	5239.966397	5150-5250	PASS
10	120	5239.996175	5150-5250	PASS
0	120	5239.979636	5150-5250	PASS
-10	120	5239.999155	5150-5250	PASS
-20	120	5239.992775	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.993427	5150-5250	PASS
	120	5239.966397	5150-5250	PASS
	132	5239.997197	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.950863	5250-5350	PASS
40	120	5259.975986	5250-5350	PASS
30	120	5259.986818	5250-5350	PASS
20	120	5259.966120	5250-5350	PASS
10	120	5259.981946	5250-5350	PASS
0	120	5259.992438	5250-5350	PASS
-10	120	5259.991141	5250-5350	PASS
-20	120	5259.987560	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.950193	5250-5350	PASS
	120	5259.966120	5250-5350	PASS
	132	5259.952103	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.978735	5250-5350	PASS
40	120	5319.962847	5250-5350	PASS
30	120	5319.997950	5250-5350	PASS
20	120	5319.965687	5250-5350	PASS
10	120	5319.951623	5250-5350	PASS
0	120	5319.976989	5250-5350	PASS
-10	120	5319.976346	5250-5350	PASS
-20	120	5319.966529	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.975297	5250-5350	PASS
	120	5319.965687	5250-5350	PASS
	132	5319.956180	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.976532	5475-5725	PASS
40	120	5499.989391	5475-5725	PASS
30	120	5499.973271	5475-5725	PASS
20	120	5499.964562	5475-5725	PASS
10	120	5499.972634	5475-5725	PASS
0	120	5499.999124	5475-5725	PASS
-10	120	5499.997246	5475-5725	PASS
-20	120	5499.975234	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.990176	5475-5725	PASS
	120	5499.964562	5475-5725	PASS
	132	5499.999659	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.951825	5475-5725	PASS
40	120	5699.973096	5475-5725	PASS
30	120	5699.965555	5475-5725	PASS
20	120	5699.963397	5475-5725	PASS
10	120	5699.982120	5475-5725	PASS
0	120	5699.987890	5475-5725	PASS
-10	120	5699.999239	5475-5725	PASS
-20	120	5699.960428	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.951216	5475-5725	PASS
	120	5699.963397	5475-5725	PASS
	132	5699.950021	5475-5725	PASS

**IEEE 802.11a mode / 5745 ~ 5805MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.974779	5475-5725	PASS
40	120	5699.963259	5475-5725	PASS
30	120	5699.967131	5475-5725	PASS
20	120	5699.974779	5475-5725	PASS
10	120	5699.963259	5475-5725	PASS
0	120	5699.967131	5475-5725	PASS
-10	120	5699.974779	5475-5725	PASS
-20	120	5699.963259	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.968433	5725-5825	PASS
	120	5744.963078	5725-5825	PASS
	132	5744.950069	5725-5825	PASS

IEEE 802.11a mode / 5745 ~ 5805MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5804.973451	5725-5825	PASS
40	120	5804.955306	5725-5825	PASS
30	120	5804.953875	5725-5825	PASS
20	120	5805.962590	5725-5825	PASS
10	120	5804.963065	5725-5825	PASS
0	120	5804.949821	5725-5825	PASS
-10	120	5804.953424	5725-5825	PASS
-20	120	5804.975822	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5804.951545	5725-5825	PASS
	120	5805.962590	5725-5825	PASS
	132	5804.978275	5725-5825	PASS

**Antenna 1****IEEE 802.11a mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.988583	5150-5250	PASS
40	120	5179.985305	5150-5250	PASS
30	120	5179.995059	5150-5250	PASS
20	120	5179.966722	5150-5250	PASS
10	120	5179.991604	5150-5250	PASS
0	120	5179.999291	5150-5250	PASS
-10	120	5179.983021	5150-5250	PASS
-20	120	5179.981792	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.966769	5150-5250	PASS
	120	5179.966722	5150-5250	PASS
	132	5179.979418	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.973646	5150-5250	PASS
40	120	5239.999291	5150-5250	PASS
30	120	5239.986528	5150-5250	PASS
20	120	5239.966377	5150-5250	PASS
10	120	5239.982560	5150-5250	PASS
0	120	5239.985471	5150-5250	PASS
-10	120	5239.957818	5150-5250	PASS
-20	120	5239.996394	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.989613	5150-5250	PASS
	120	5239.966377	5150-5250	PASS
	132	5239.999408	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.984687	5250-5350	PASS
40	120	5259.977897	5250-5350	PASS
30	120	5259.992895	5250-5350	PASS
20	120	5259.966089	5250-5350	PASS
10	120	5259.993354	5250-5350	PASS
0	120	5259.985156	5250-5350	PASS
-10	120	5259.962892	5250-5350	PASS
-20	120	5259.982239	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.967391	5250-5350	PASS
	120	5259.966089	5250-5350	PASS
	132	5259.994903	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.949555	5250-5350	PASS
40	120	5319.969864	5250-5350	PASS
30	120	5319.977597	5250-5350	PASS
20	120	5319.965958	5250-5350	PASS
10	120	5319.995456	5250-5350	PASS
0	120	5319.960217	5250-5350	PASS
-10	120	5319.997671	5250-5350	PASS
-20	120	5319.975736	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.977525	5250-5350	PASS
	120	5319.965958	5250-5350	PASS
	132	5319.967461	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.987746	5475-5725	PASS
40	120	5499.994356	5475-5725	PASS
30	120	5499.962220	5475-5725	PASS
20	120	5499.970508	5475-5725	PASS
10	120	5499.954564	5475-5725	PASS
0	120	5499.997170	5475-5725	PASS
-10	120	5499.997549	5475-5725	PASS
-20	120	5499.966209	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.998279	5475-5725	PASS
	120	5499.970508	5475-5725	PASS
	132	5499.984472	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.983619	5475-5725	PASS
40	120	5699.955458	5475-5725	PASS
30	120	5699.985859	5475-5725	PASS
20	120	5699.963259	5475-5725	PASS
10	120	5699.959051	5475-5725	PASS
0	120	5699.956157	5475-5725	PASS
-10	120	5699.976651	5475-5725	PASS
-20	120	5699.951544	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.974779	5475-5725	PASS
	120	5699.963259	5475-5725	PASS
	132	5699.967131	5475-5725	PASS

**IEEE 802.11a mode / 5745 ~ 5805MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.954407	5725-5825	PASS
40	120	5744.960313	5725-5825	PASS
30	120	5744.950769	5725-5825	PASS
20	120	5744.963091	5725-5825	PASS
10	120	5744.964210	5725-5825	PASS
0	120	5744.987558	5725-5825	PASS
-10	120	5744.959192	5725-5825	PASS
-20	120	5744.972511	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.987531	5725-5825	PASS
	120	5744.963091	5725-5825	PASS
	132	5744.985107	5725-5825	PASS

IEEE 802.11a mode / 5745 ~ 5805MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5804.950441	5725-5825	PASS
40	120	5804.971154	5725-5825	PASS
30	120	5804.955625	5725-5825	PASS
20	120	5804.962775	5725-5825	PASS
10	120	5804.990864	5725-5825	PASS
0	120	5804.973657	5725-5825	PASS
-10	120	5804.994302	5725-5825	PASS
-20	120	5804.956311	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5804.955691	5725-5825	PASS
	120	5804.962775	5725-5825	PASS
	132	5804.984988	5725-5825	PASS

**Antenna 0****IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.984103	5150-5250	PASS
40	120	5179.958463	5150-5250	PASS
30	120	5179.956568	5150-5250	PASS
20	120	5179.966845	5150-5250	PASS
10	120	5179.949370	5150-5250	PASS
0	120	5179.975293	5150-5250	PASS
-10	120	5179.975772	5150-5250	PASS
-20	120	5179.981295	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.965173	5150-5250	PASS
	120	5179.966845	5150-5250	PASS
	132	5179.987972	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	5239.998819	5150-5250	PASS
40	120	5239.959382	5150-5250	PASS
30	120	5239.995699	5150-5250	PASS
20	120	5239.966426	5150-5250	PASS
10	120	5239.956877	5150-5250	PASS
0	120	5239.975428	5150-5250	PASS
-10	120	5239.988688	5150-5250	PASS
-20	120	5239.985189	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.984665	5150-5250	PASS
	120	5239.966426	5150-5250	PASS
	132	5239.964903	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	5259.970585	5250-5350	PASS
40	120	5259.953965	5250-5350	PASS
30	120	5259.955629	5250-5350	PASS
20	120	5259.966157	5250-5350	PASS
10	120	5259.986031	5250-5350	PASS
0	120	5259.993559	5250-5350	PASS
-10	120	5259.949259	5250-5350	PASS
-20	120	5259.998647	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.957151	5250-5350	PASS
	120	5259.966157	5250-5350	PASS
	132	5259.959657	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	5319.950272	5250-5350	PASS
40	120	5319.987651	5250-5350	PASS
30	120	5319.965804	5250-5350	PASS
20	120	5319.965657	5250-5350	PASS
10	120	5319.981294	5250-5350	PASS
0	120	5319.968733	5250-5350	PASS
-10	120	5319.989331	5250-5350	PASS
-20	120	5319.980791	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.965419	5250-5350	PASS
	120	5319.965657	5250-5350	PASS
	132	5319.990178	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	5499.969084	5475-5725	PASS
40	120	5499.989931	5475-5725	PASS
30	120	5499.999943	5475-5725	PASS
20	120	5499.964557	5475-5725	PASS
10	120	5499.961322	5475-5725	PASS
0	120	5499.996777	5475-5725	PASS
-10	120	5499.987548	5475-5725	PASS
-20	120	5499.950365	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.968728	5475-5725	PASS
	120	5499.964557	5475-5725	PASS
	132	5499.959950	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	5699.954051	5475-5725	PASS
40	120	5699.986511	5475-5725	PASS
30	120	5699.981493	5475-5725	PASS
20	120	5699.963549	5475-5725	PASS
10	120	5699.974614	5475-5725	PASS
0	120	5699.974321	5475-5725	PASS
-10	120	5699.982482	5475-5725	PASS
-20	120	5699.960676	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.959313	5475-5725	PASS
	120	5699.963549	5475-5725	PASS
	132	5699.959931	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.959416	5725-5825	PASS
40	120	5744.983722	5725-5825	PASS
30	120	5744.976894	5725-5825	PASS
20	120	5744.964168	5725-5825	PASS
10	120	5744.989066	5725-5825	PASS
0	120	5744.953895	5725-5825	PASS
-10	120	5744.962894	5725-5825	PASS
-20	120	5744.973121	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.962904	5725-5825	PASS
	120	5744.964168	5725-5825	PASS
	132	5744.987897	5725-5825	PASS

IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5804.991254	5725-5825	PASS
40	120	5804.987146	5725-5825	PASS
30	120	5804.951729	5725-5825	PASS
20	120	5805.962574	5725-5825	PASS
10	120	5804.992127	5725-5825	PASS
0	120	5804.963329	5725-5825	PASS
-10	120	5804.990864	5725-5825	PASS
-20	120	5804.960173	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5804.954166	5725-5825	PASS
	120	5805.962574	5725-5825	PASS
	132	5804.961713	5725-5825	PASS

**Antenna 1****IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.962597	5150-5250	PASS
40	120	5179.962039	5150-5250	PASS
30	120	5179.958454	5150-5250	PASS
20	120	5179.966759	5150-5250	PASS
10	120	5179.971342	5150-5250	PASS
0	120	5179.953946	5150-5250	PASS
-10	120	5179.981563	5150-5250	PASS
-20	120	5179.978276	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.970487	5150-5250	PASS
	120	5179.966759	5150-5250	PASS
	132	5179.987066	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	5239.973242	5150-5250	PASS
40	120	5239.982619	5150-5250	PASS
30	120	5239.961330	5150-5250	PASS
20	120	5239.966285	5150-5250	PASS
10	120	5239.964663	5150-5250	PASS
0	120	5239.974823	5150-5250	PASS
-10	120	5239.990502	5150-5250	PASS
-20	120	5239.964991	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.973893	5150-5250	PASS
	120	5239.966285	5150-5250	PASS
	132	5239.958837	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	5259.954161	5250-5350	PASS
40	120	5259.957044	5250-5350	PASS
30	120	5259.967134	5250-5350	PASS
20	120	5259.966069	5250-5350	PASS
10	120	5259.983476	5250-5350	PASS
0	120	5259.953920	5250-5350	PASS
-10	120	5259.953234	5250-5350	PASS
-20	120	5259.962425	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.966425	5250-5350	PASS
	120	5259.966069	5250-5350	PASS
	132	5259.967296	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	5319.986553	5250-5350	PASS
40	120	5319.980597	5250-5350	PASS
30	120	5319.970088	5250-5350	PASS
20	120	5319.965587	5250-5350	PASS
10	120	5319.951752	5250-5350	PASS
0	120	5319.950896	5250-5350	PASS
-10	120	5319.957976	5250-5350	PASS
-20	120	5319.949997	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.993874	5250-5350	PASS
	120	5319.965587	5250-5350	PASS
	132	5319.959342	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	5499.968273	5475-5725	PASS
40	120	5499.992270	5475-5725	PASS
30	120	5499.983167	5475-5725	PASS
20	120	5499.970519	5475-5725	PASS
10	120	5499.983578	5475-5725	PASS
0	120	5499.951584	5475-5725	PASS
-10	120	5499.955517	5475-5725	PASS
-20	120	5499.989695	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.983299	5475-5725	PASS
	120	5499.970519	5475-5725	PASS
	132	5499.974447	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	5699.981017	5475-5725	PASS
40	120	5699.952733	5475-5725	PASS
30	120	5699.967610	5475-5725	PASS
20	120	5699.963655	5475-5725	PASS
10	120	5699.984752	5475-5725	PASS
0	120	5699.994209	5475-5725	PASS
-10	120	5699.987692	5475-5725	PASS
-20	120	5699.969766	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.975551	5475-5725	PASS
	120	5699.963655	5475-5725	PASS
	132	5699.997378	5475-5725	PASS

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.987165	5725-5825	PASS
40	120	5744.973161	5725-5825	PASS
30	120	5744.984634	5725-5825	PASS
20	120	5744.963059	5725-5825	PASS
10	120	5744.968984	5725-5825	PASS
0	120	5744.950524	5725-5825	PASS
-10	120	5744.958026	5725-5825	PASS
-20	120	5744.988659	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.981771	5725-5825	PASS
	120	5744.963059	5725-5825	PASS
	132	5744.971460	5725-5825	PASS

IEEE 802.11n HT 20 MHz mode / 5745 ~ 5805MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5804.960994	5725-5825	PASS
40	120	5804.972954	5725-5825	PASS
30	120	5804.960535	5725-5825	PASS
20	120	5804.962789	5725-5825	PASS
10	120	5804.985668	5725-5825	PASS
0	120	5804.989790	5725-5825	PASS
-10	120	5804.950317	5725-5825	PASS
-20	120	5804.976735	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5804.998867	5725-5825	PASS
	120	5804.962789	5725-5825	PASS
	132	5804.986887	5725-5825	PASS

**Antenna 0****IEEE 802.11n HT 20 MHz SISO mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.984103	5150-5250	PASS
40	120	5179.958463	5150-5250	PASS
30	120	5179.956568	5150-5250	PASS
20	120	5179.966845	5150-5250	PASS
10	120	5179.94937	5150-5250	PASS
0	120	5179.975293	5150-5250	PASS
-10	120	5179.975772	5150-5250	PASS
-20	120	5179.981295	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.965173	5150-5250	PASS
	120	5179.966845	5150-5250	PASS
	132	5179.987972	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.998819	5150-5250	PASS
40	120	5239.959382	5150-5250	PASS
30	120	5239.995699	5150-5250	PASS
20	120	5239.966426	5150-5250	PASS
10	120	5239.956877	5150-5250	PASS
0	120	5239.975428	5150-5250	PASS
-10	120	5239.988688	5150-5250	PASS
-20	120	5239.985189	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.984665	5150-5250	PASS
	120	5239.966426	5150-5250	PASS
	132	5239.964903	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.975691	5250-5350	PASS
40	120	5259.990351	5250-5350	PASS
30	120	5259.968481	5250-5350	PASS
20	120	5259.966226	5250-5350	PASS
10	120	5259.974560	5250-5350	PASS
0	120	5259.977977	5250-5350	PASS
-10	120	5259.968633	5250-5350	PASS
-20	120	5259.991733	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.955701	5250-5350	PASS
	120	5259.966226	5250-5350	PASS
	132	5259.977612	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.958731	5250-5350	PASS
40	120	5319.972881	5250-5350	PASS
30	120	5319.961482	5250-5350	PASS
20	120	5319.965658	5250-5350	PASS
10	120	5319.962978	5250-5350	PASS
0	120	5319.951154	5250-5350	PASS
-10	120	5319.950419	5250-5350	PASS
-20	120	5319.977239	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.955962	5250-5350	PASS
	120	5319.965658	5250-5350	PASS
	132	5319.958427	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.986206	5475-5725	PASS
40	120	5499.964645	5475-5725	PASS
30	120	5499.972422	5475-5725	PASS
20	120	5499.964549	5475-5725	PASS
10	120	5499.969664	5475-5725	PASS
0	120	5499.994431	5475-5725	PASS
-10	120	5499.966110	5475-5725	PASS
-20	120	5499.982215	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.996796	5475-5725	PASS
	120	5499.964549	5475-5725	PASS
	132	5499.971394	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.995027	5475-5725	PASS
40	120	5699.953701	5475-5725	PASS
30	120	5699.992688	5475-5725	PASS
20	120	5699.963367	5475-5725	PASS
10	120	5699.998138	5475-5725	PASS
0	120	5699.967922	5475-5725	PASS
-10	120	5699.996375	5475-5725	PASS
-20	120	5699.990062	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.952981	5475-5725	PASS
	120	5699.963367	5475-5725	PASS
	132	5699.953873	5475-5725	PASS

**IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.971273	5725-5825	PASS
40	120	5744.952102	5725-5825	PASS
30	120	5744.966515	5725-5825	PASS
20	120	5744.964201	5725-5825	PASS
10	120	5744.983473	5725-5825	PASS
0	120	5744.981735	5725-5825	PASS
-10	120	5744.984109	5725-5825	PASS
-20	120	5744.979465	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.957006	5725-5825	PASS
	120	5744.964201	5725-5825	PASS
	132	5744.986459	5725-5825	PASS

IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5804.953106	5725-5825	PASS
40	120	5804.988664	5725-5825	PASS
30	120	5804.985400	5725-5825	PASS
20	120	5805.962622	5725-5825	PASS
10	120	5804.979824	5725-5825	PASS
0	120	5804.957149	5725-5825	PASS
-10	120	5804.956143	5725-5825	PASS
-20	120	5804.950189	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5804.991711	5725-5825	PASS
	120	5805.962622	5725-5825	PASS
	132	5804.999714	5725-5825	PASS

**Antenna 1****IEEE 802.11n HT 20 MHz SISO mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.96038	5150-5250	PASS
40	120	5179.998293	5150-5250	PASS
30	120	5179.962891	5150-5250	PASS
20	120	5179.966427	5150-5250	PASS
10	120	5179.960064	5150-5250	PASS
0	120	5179.961082	5150-5250	PASS
-10	120	5179.979209	5150-5250	PASS
-20	120	5179.988555	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.970217	5150-5250	PASS
	120	5179.966427	5150-5250	PASS
	132	5179.987719	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.980943	5150-5250	PASS
40	120	5239.952096	5150-5250	PASS
30	120	5239.995140	5150-5250	PASS
20	120	5239.966307	5150-5250	PASS
10	120	5239.966898	5150-5250	PASS
0	120	5239.964844	5150-5250	PASS
-10	120	5239.957297	5150-5250	PASS
-20	120	5239.991256	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.951773	5150-5250	PASS
	120	5239.966307	5150-5250	PASS
	132	5239.986908	5150-5250	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.983588	5250-5350	PASS
40	120	5259.990212	5250-5350	PASS
30	120	5259.971524	5250-5350	PASS
20	120	5259.966033	5250-5350	PASS
10	120	5259.981187	5250-5350	PASS
0	120	5259.969209	5250-5350	PASS
-10	120	5259.966453	5250-5350	PASS
-20	120	5259.958182	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.983927	5250-5350	PASS
	120	5259.966033	5250-5350	PASS
	132	5259.979873	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.950392	5250-5350	PASS
40	120	5319.985129	5250-5350	PASS
30	120	5319.974207	5250-5350	PASS
20	120	5319.965255	5250-5350	PASS
10	120	5319.974784	5250-5350	PASS
0	120	5319.979242	5250-5350	PASS
-10	120	5319.989159	5250-5350	PASS
-20	120	5319.991189	5250-5350	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.995252	5250-5350	PASS
	120	5319.965255	5250-5350	PASS
	132	5319.969840	5250-5350	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.952670	5475-5725	PASS
40	120	5499.999157	5475-5725	PASS
30	120	5499.955597	5475-5725	PASS
20	120	5499.970226	5475-5725	PASS
10	120	5499.986741	5475-5725	PASS
0	120	5499.978688	5475-5725	PASS
-10	120	5499.976167	5475-5725	PASS
-20	120	5499.992587	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.992290	5475-5725	PASS
	120	5499.970226	5475-5725	PASS
	132	5499.966424	5475-5725	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.950046	5475-5725	PASS
40	120	5699.975123	5475-5725	PASS
30	120	5699.972758	5475-5725	PASS
20	120	5699.963265	5475-5725	PASS
10	120	5699.964233	5475-5725	PASS
0	120	5699.993108	5475-5725	PASS
-10	120	5699.953144	5475-5725	PASS
-20	120	5699.981874	5475-5725	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.966956	5475-5725	PASS
	120	5699.963265	5475-5725	PASS
	132	5699.956715	5475-5725	PASS

**IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz (Low)**

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.960082	5725-5825	PASS
40	120	5744.960215	5725-5825	PASS
30	120	5744.981693	5725-5825	PASS
20	120	5744.963254	5725-5825	PASS
10	120	5744.973153	5725-5825	PASS
0	120	5744.977158	5725-5825	PASS
-10	120	5744.989255	5725-5825	PASS
-20	120	5744.992914	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.977883	5725-5825	PASS
	120	5744.963254	5725-5825	PASS
	132	5744.985952	5725-5825	PASS

IEEE 802.11n HT 20 MHz SISO mode / 5745 ~ 5805MHz (High)

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5804.990163	5725-5825	PASS
40	120	5804.954557	5725-5825	PASS
30	120	5804.973845	5725-5825	PASS
20	120	5804.962267	5725-5825	PASS
10	120	5804.978444	5725-5825	PASS
0	120	5804.973497	5725-5825	PASS
-10	120	5804.967123	5725-5825	PASS
-20	120	5804.963800	5725-5825	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5804.962549	5725-5825	PASS
	120	5804.962267	5725-5825	PASS
	132	5804.986901	5725-5825	PASS