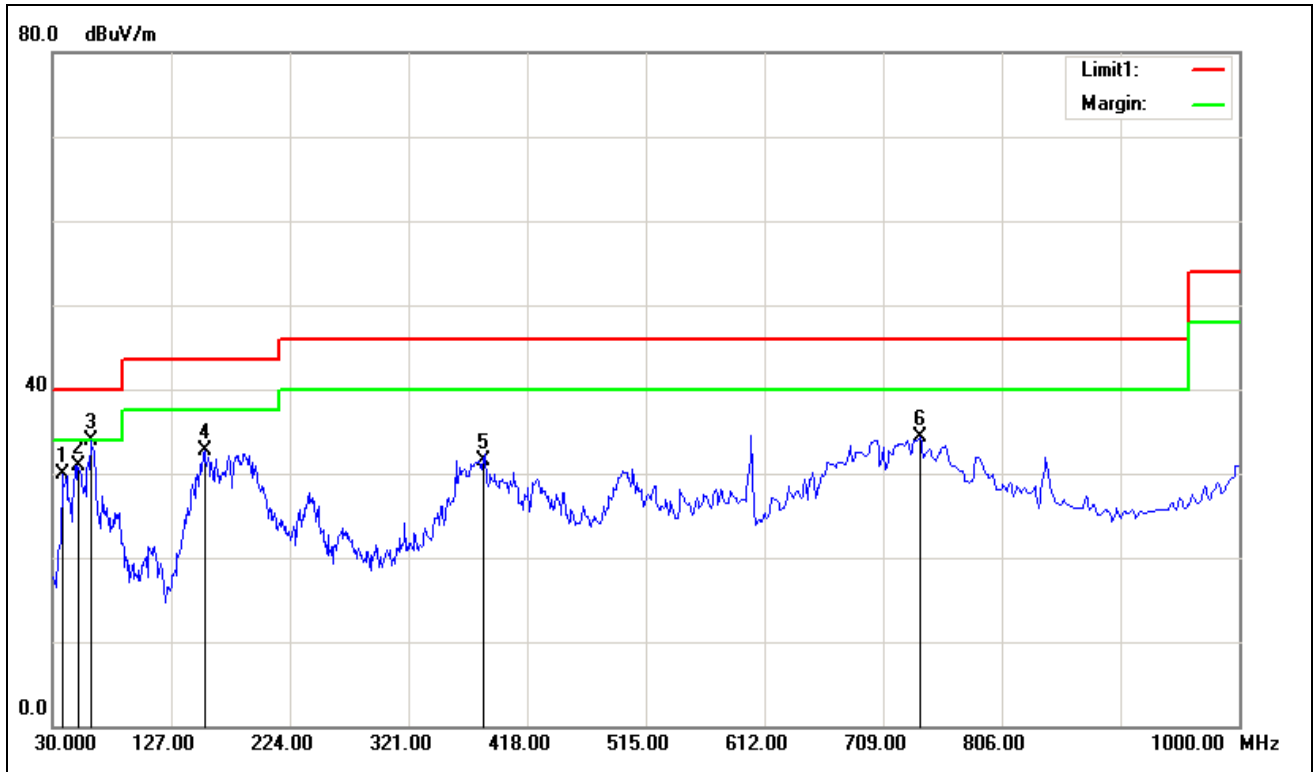
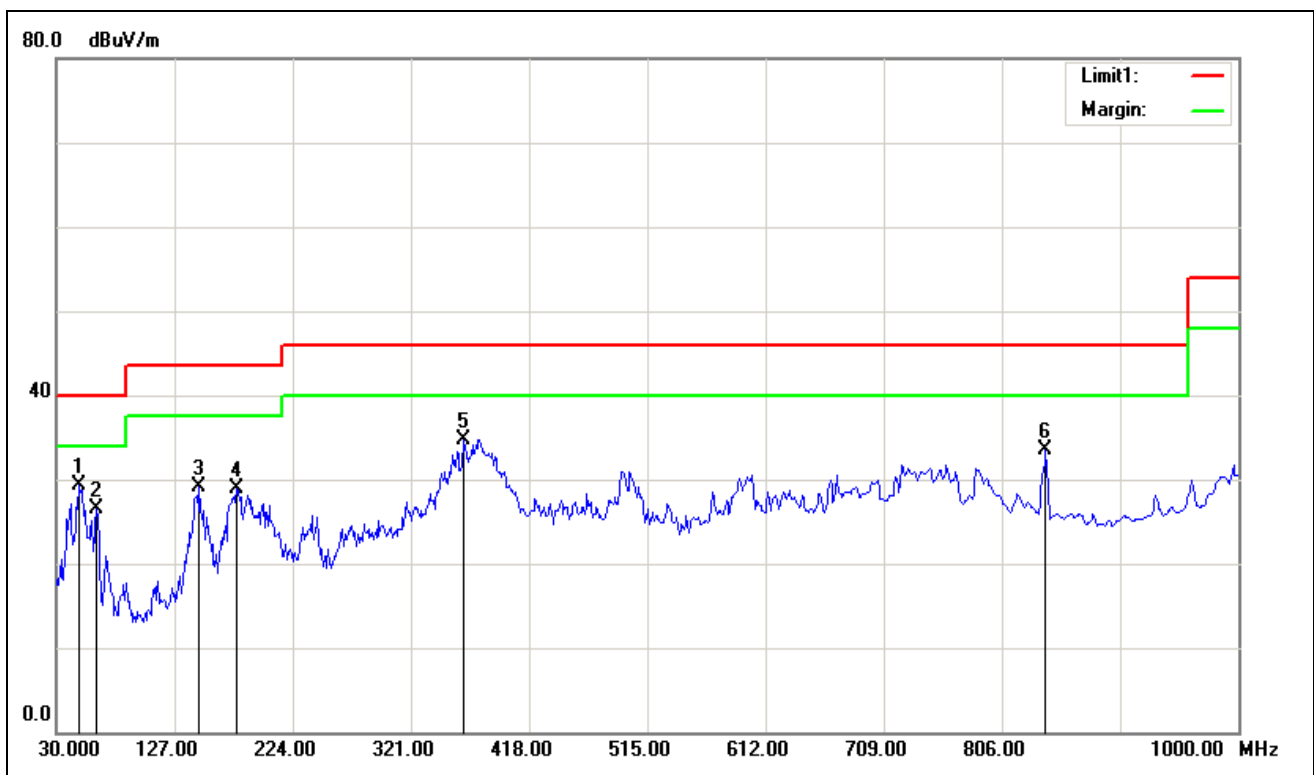




Vertical



Horizontal





Above 1 GHz

1GHz~6GHz

Test Mode: TX

Tested by: Eve Wang

Ambient temperature: 24°C **Relative humidity:** 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1240.000	51.00	-7.64	43.36	74.00	-30.64	V	peak
1465.000	50.54	-6.94	43.60	74.00	-30.40	V	peak
1660.000	50.82	-6.57	44.25	74.00	-29.75	V	peak
2200.000	47.61	-3.90	43.71	74.00	-30.29	V	peak
3375.000	43.28	-0.73	42.55	74.00	-31.45	V	peak
4960.000	42.16	4.85	47.01	74.00	-26.99	V	peak
1400.000	51.66	-7.06	44.60	74.00	-29.40	H	Peak
1800.000	47.88	-6.27	41.61	74.00	-32.39	H	Peak
2500.000	45.84	-2.26	43.58	74.00	-30.42	H	Peak
3200.000	43.65	-1.02	42.63	74.00	-31.37	H	peak
4070.000	42.60	1.84	44.44	74.00	-29.56	H	peak
4725.000	42.55	4.08	46.63	74.00	-27.37	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Antenna 0

Test Mode: TX / IEEE 802.11a / 5180MHz / (CH Low)

Tested by: Eve Wang

Ambient temperature: 24°C **Relative humidity:** 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBUV)	Correction Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.0000	31.72	9.17	40.89	74.00	-33.11	V	peak
8376.0000	31.74	9.44	41.18	74.00	-32.82	V	peak
10776.0000	29.47	14.39	43.86	74.00	-30.14	V	peak
11844.0000	30.44	14.71	45.15	74.00	-28.85	V	peak
12996.0000	28.97	17.94	46.91	74.00	-27.09	V	peak
15540.0000	34.68	18.70	53.38	74.00	-20.62	V	peak
15540.0000	31.44	18.70	50.14	54.00	-3.86	V	AVG
8352.0000	31.58	9.46	41.04	74.00	-32.96	H	Peak
9612.0000	30.77	10.86	41.63	74.00	-32.37	H	Peak
10764.0000	29.21	14.35	43.56	74.00	-30.44	H	Peak
11820.0000	29.97	14.72	44.69	74.00	-29.31	H	peak
13008.0000	28.75	17.97	46.72	74.00	-27.28	H	peak
15540.0000	31.26	18.70	49.96	74.00	-24.04	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBUV/m) – Average limit (dBUV/m).



Test Mode: TX / IEEE 802.11a / 5200MHz /(CH Mid)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7728.0000	31.14	9.12	40.26	74.00	-33.74	V	peak
8364.0000	31.40	9.45	40.85	74.00	-33.15	V	peak
11316.0000	29.74	14.94	44.68	74.00	-29.32	V	peak
12960.0000	28.87	17.82	46.69	74.00	-27.31	V	peak
14196.0000	28.17	20.69	48.86	74.00	-25.14	V	peak
15600.0000	34.23	18.43	52.66	74.00	-21.34	V	peak
15600.0000	30.29	18.43	48.72	54.00	-5.28	V	AVG
7764.0000	31.36	9.19	40.55	74.00	-33.45	H	Peak
8376.0000	31.43	9.44	40.87	74.00	-33.13	H	Peak
10296.0000	30.32	12.90	43.22	74.00	-30.78	H	Peak
11208.0000	29.87	14.99	44.86	74.00	-29.14	H	peak
12960.0000	28.98	17.82	46.80	74.00	-27.20	H	peak
15600.0000	32.46	18.43	50.89	74.00	-23.11	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5240MHz /(CH High)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7740.0000	31.63	9.14	40.77	74.00	-33.23	V	peak
8352.0000	31.72	9.46	41.18	74.00	-32.82	V	peak
10944.0000	29.89	14.91	44.80	74.00	-29.20	V	peak
13548.0000	27.85	19.39	47.24	74.00	-26.76	V	peak
14280.0000	28.07	20.74	48.81	74.00	-25.19	V	peak
15720.0000	34.08	17.88	51.96	74.00	-22.04	V	peak
7908.0000	31.35	9.47	40.82	74.00	-33.18	H	Peak
8448.0000	31.56	9.40	40.96	74.00	-33.04	H	Peak
11196.0000	29.64	14.99	44.63	74.00	-29.37	H	Peak
12984.0000	28.57	17.90	46.47	74.00	-27.53	H	peak
14316.0000	28.56	20.76	49.32	74.00	-24.68	H	peak
15720.0000	32.55	17.88	50.43	74.00	-23.57	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5745MHz / (CH Low)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.0000	31.25	9.19	40.44	74.00	-33.56	V	peak
8340.0000	31.35	9.46	40.81	74.00	-33.19	V	peak
11016.0000	29.94	15.07	45.01	74.00	-28.99	V	peak
11844.0000	30.46	14.71	45.17	74.00	-28.83	V	peak
12912.0000	29.14	17.66	46.80	74.00	-27.20	V	peak
14964.0000	28.59	21.14	49.73	74.00	-24.27	V	peak
7752.0000	31.44	9.17	40.61	74.00	-33.39	H	Peak
8340.0000	31.73	9.46	41.19	74.00	-32.81	H	Peak
10512.0000	30.06	13.57	43.63	74.00	-30.37	H	Peak
11016.0000	29.55	15.07	44.62	74.00	-29.38	H	peak
12684.0000	29.22	16.90	46.12	74.00	-27.88	H	peak
14736.0000	28.73	21.01	49.74	74.00	-24.26	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5785MHz /(CH Mid)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.0000	31.63	9.45	41.08	74.00	-32.92	V	peak
10296.0000	30.83	12.90	43.73	74.00	-30.27	V	peak
11208.0000	29.92	14.99	44.91	74.00	-29.09	V	peak
11844.0000	30.33	14.71	45.04	74.00	-28.96	V	peak
13008.0000	28.76	17.97	46.73	74.00	-27.27	V	peak
14244.0000	28.57	20.72	49.29	74.00	-24.71	V	peak
7740.0000	31.50	9.14	40.64	74.00	-33.36	H	Peak
8352.0000	31.65	9.46	41.11	74.00	-32.89	H	Peak
10500.0000	30.31	13.53	43.84	74.00	-30.16	H	Peak
11052.0000	29.75	15.06	44.81	74.00	-29.19	H	peak
12984.0000	29.01	17.90	46.91	74.00	-27.09	H	peak
14964.0000	28.90	21.14	50.04	74.00	-23.96	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5825MHz /(CH High)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.0000	31.62	9.19	40.81	74.00	-33.19	V	peak
8376.0000	31.57	9.44	41.01	74.00	-32.99	V	peak
10932.0000	29.78	14.87	44.65	74.00	-29.35	V	peak
11832.0000	30.00	14.71	44.71	74.00	-29.29	V	peak
13008.0000	29.15	17.97	47.12	74.00	-26.88	V	peak
14244.0000	28.33	20.72	49.05	74.00	-24.95	V	peak
7752.0000	31.39	9.17	40.56	74.00	-33.44	H	Peak
8328.0000	31.68	9.47	41.15	74.00	-32.85	H	Peak
10524.0000	29.99	13.60	43.59	74.00	-30.41	H	Peak
11316.0000	30.11	14.94	45.05	74.00	-28.95	H	peak
12984.0000	28.83	17.90	46.73	74.00	-27.27	H	peak
14088.0000	28.36	20.63	48.99	74.00	-25.01	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Antenna 1

Test Mode: TX / IEEE 802.11a / 5180MHz / (CH Low)

Tested by: Eve Wang

Ambient temperature: 24°C **Relative humidity:** 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.0000	31.49	9.17	40.66	74.00	-33.34	V	peak
8364.0000	31.78	9.45	41.23	74.00	-32.77	V	peak
11040.0000	29.74	15.06	44.80	74.00	-29.20	V	peak
12984.0000	29.04	17.90	46.94	74.00	-27.06	V	peak
13596.0000	28.23	19.52	47.75	74.00	-26.25	V	peak
15540.0000	32.19	18.70	50.89	74.00	-23.11	V	peak
7740.0000	31.67	9.14	40.81	74.00	-33.19	H	Peak
8364.0000	31.66	9.45	41.11	74.00	-32.89	H	Peak
10296.0000	30.46	12.90	43.36	74.00	-30.64	H	Peak
11052.0000	29.63	15.06	44.69	74.00	-29.31	H	peak
13032.0000	29.05	18.03	47.08	74.00	-26.92	H	peak
14472.0000	28.12	20.85	48.97	74.00	-25.03	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. $Margin (dB) = Remark\ result (dBuV/m) - Average\ limit (dBuV/m)$.



Test Mode: TX / IEEE 802.11a / 5200MHz /(CH Mid)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7788.0000	31.39	9.24	40.63	74.00	-33.37	V	peak
8364.0000	31.44	9.45	40.89	74.00	-33.11	V	peak
10944.0000	29.63	14.91	44.54	74.00	-29.46	V	peak
11844.0000	30.35	14.71	45.06	74.00	-28.94	V	peak
13008.0000	29.19	17.97	47.16	74.00	-26.84	V	peak
15600.0000	34.04	18.43	52.47	74.00	-21.53	V	peak
15600.0000	29.99	18.43	48.42	54.00	-5.58	V	AVG
7788.0000	31.68	9.24	40.92	74.00	-33.08	H	Peak
8352.0000	31.46	9.46	40.92	74.00	-33.08	H	Peak
10272.0000	30.51	12.82	43.33	74.00	-30.67	H	Peak
11052.0000	29.65	15.06	44.71	74.00	-29.29	H	peak
12912.0000	28.96	17.66	46.62	74.00	-27.38	H	peak
14244.0000	28.17	20.72	48.89	74.00	-25.11	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5240MHz / (CH High)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8352.0000	31.92	9.46	41.38	74.00	-32.62	V	peak
10476.0000	31.21	13.46	44.67	74.00	-29.33	V	peak
10944.0000	29.84	14.91	44.75	74.00	-29.25	V	peak
12960.0000	28.96	17.82	46.78	74.00	-27.22	V	peak
14244.0000	28.37	20.72	49.09	74.00	-24.91	V	peak
15720.0000	35.21	17.88	53.09	74.00	-20.91	V	peak
15720.0000	31.77	17.88	49.65	54.00	-4.35	V	AVG
7752.0000	31.55	9.17	40.72	74.00	-33.28	H	Peak
8376.0000	31.64	9.44	41.08	74.00	-32.92	H	Peak
10896.0000	29.53	14.76	44.29	74.00	-29.71	H	Peak
12912.0000	29.02	17.66	46.68	74.00	-27.32	H	peak
14088.0000	27.80	20.63	48.43	74.00	-25.57	H	peak
15000.0000	28.48	21.16	49.64	74.00	-24.36	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5745MHz /(CH Low)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.0000	31.31	9.19	40.50	74.00	-33.50	V	peak
8364.0000	31.86	9.45	41.31	74.00	-32.69	V	peak
11064.0000	29.49	15.05	44.54	74.00	-29.46	V	peak
11856.0000	30.39	14.70	45.09	74.00	-28.91	V	peak
12768.0000	29.65	17.18	46.83	74.00	-27.17	V	peak
14052.0000	27.82	20.61	48.43	74.00	-25.57	V	peak
7728.0000	31.15	9.12	40.27	74.00	-33.73	H	Peak
8364.0000	31.51	9.45	40.96	74.00	-33.04	H	Peak
10296.0000	30.23	12.90	43.13	74.00	-30.87	H	Peak
11088.0000	29.56	15.04	44.60	74.00	-29.40	H	peak
12960.0000	28.96	17.82	46.78	74.00	-27.22	H	peak
13944.0000	27.58	20.43	48.01	74.00	-25.99	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5785MHz /(CH Mid)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.0000	31.51	9.19	40.70	74.00	-33.30	V	peak
8424.0000	31.61	9.42	41.03	74.00	-32.97	V	peak
10272.0000	30.39	12.82	43.21	74.00	-30.79	V	peak
11124.0000	29.55	15.03	44.58	74.00	-29.42	V	peak
11844.0000	30.25	14.71	44.96	74.00	-29.04	V	peak
13008.0000	28.91	17.97	46.88	74.00	-27.12	V	peak
8412.0000	31.47	9.42	40.89	74.00	-33.11	H	Peak
9360.0000	30.56	10.14	40.70	74.00	-33.30	H	Peak
10944.0000	29.68	14.91	44.59	74.00	-29.41	H	Peak
12456.0000	28.88	16.15	45.03	74.00	-28.97	H	peak
12924.0000	29.12	17.70	46.82	74.00	-27.18	H	peak
14316.0000	28.13	20.76	48.89	74.00	-25.11	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with “ N/A ” remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11a / 5825MHz /(CH High)

Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH

Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7788.0000	31.38	9.24	40.62	74.00	-33.38	V	peak
8352.0000	31.33	9.46	40.79	74.00	-33.21	V	peak
10908.0000	29.52	14.79	44.31	74.00	-29.69	V	peak
11844.0000	29.89	14.71	44.60	74.00	-29.40	V	peak
12936.0000	28.97	17.74	46.71	74.00	-27.29	V	peak
13944.0000	27.75	20.43	48.18	74.00	-25.82	V	peak
7752.0000	31.39	9.17	40.56	74.00	-33.44	H	Peak
8400.0000	31.51	9.43	40.94	74.00	-33.06	H	Peak
10512.0000	30.15	13.57	43.72	74.00	-30.28	H	Peak
11304.0000	29.86	14.95	44.81	74.00	-29.19	H	peak
12960.0000	29.19	17.82	47.01	74.00	-26.99	H	peak
14280.0000	28.36	20.74	49.10	74.00	-24.90	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Combine with Antenna 0 and Antenna 1 and Antenna 2

Test Mode: TX / IEEE 802.11n HT 20 MHz / 5180MHz /(CH Low) **Tested by:** Eve Wang

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** July 31, 2016

Frequency (MHz)	Reading (dBUV)	Correction Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.0000	31.59	9.45	41.04	74.00	-32.96	V	peak
10368.0000	31.19	13.12	44.31	74.00	-29.69	V	peak
11184.0000	29.37	15.00	44.37	74.00	-29.63	V	peak
11820.0000	30.06	14.72	44.78	74.00	-29.22	V	peak
12936.0000	28.88	17.74	46.62	74.00	-27.38	V	peak
15540.0000	31.73	18.70	50.43	74.00	-23.57	V	peak
7728.0000	31.63	9.12	40.75	74.00	-33.25	H	Peak
8328.0000	31.80	9.47	41.27	74.00	-32.73	H	Peak
10296.0000	30.74	12.90	43.64	74.00	-30.36	H	Peak
10980.0000	29.67	15.02	44.69	74.00	-29.31	H	peak
11844.0000	30.26	14.71	44.97	74.00	-29.03	H	peak
13008.0000	28.83	17.97	46.80	74.00	-27.20	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBUV/m) – Average limit (dBUV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5200MHz /(CH Mid) **Tested by:** Eve Wang
Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.0000	31.70	9.17	40.87	74.00	-33.13	V	peak
8340.0000	31.83	9.46	41.29	74.00	-32.71	V	peak
10404.0000	32.19	13.23	45.42	74.00	-28.58	V	peak
12000.0000	30.17	14.64	44.81	74.00	-29.19	V	peak
12960.0000	28.90	17.82	46.72	74.00	-27.28	V	peak
15600.0000	32.53	18.43	50.96	74.00	-23.04	V	peak
6948.0000	31.58	7.62	39.20	74.00	-34.80	H	Peak
8364.0000	31.56	9.45	41.01	74.00	-32.99	H	Peak
10824.0000	29.24	14.53	43.77	74.00	-30.23	H	Peak
11064.0000	29.62	15.05	44.67	74.00	-29.33	H	peak
12960.0000	29.37	17.82	47.19	74.00	-26.81	H	peak
15600.0000	32.64	18.43	51.07	74.00	-22.93	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with “ N/A ” remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5240MHz /(CH High)

Tested by: Ad Gan

Ambient temperature: 24°C Relative humidity: 52% RH

Date: May 19, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7716.0000	31.53	9.10	40.63	74.00	-33.37	V	peak
8352.0000	31.36	9.46	40.82	74.00	-33.18	V	peak
10476.0000	31.82	13.46	45.28	74.00	-28.72	V	peak
13008.0000	29.29	17.97	47.26	74.00	-26.74	V	peak
14316.0000	28.36	20.76	49.12	74.00	-24.88	V	peak
15720.0000	36.72	17.88	54.60	74.00	-19.40	V	peak
15720.0000	32.99	17.88	50.87	54.00	-3.13	V	AVG
7752.0000	31.31	9.17	40.48	74.00	-33.52	H	Peak
8376.0000	31.58	9.44	41.02	74.00	-32.98	H	Peak
9372.0000	30.61	10.17	40.78	74.00	-33.22	H	Peak
10488.0000	30.37	13.49	43.86	74.00	-30.14	H	peak
11844.0000	30.45	14.71	45.16	74.00	-28.84	H	peak
15720.0000	34.20	17.88	52.08	74.00	-21.92	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5745MHz /(CH Low) **Tested by:** Eve Wang
Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** July 31, 2016

Frequency (MHz)	Reading (dBUV)	Correction Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8496.0000	31.90	9.38	41.28	74.00	-32.72	V	peak
11088.0000	29.80	15.04	44.84	74.00	-29.16	V	peak
11844.0000	30.77	14.71	45.48	74.00	-28.52	V	peak
12960.0000	28.72	17.82	46.54	74.00	-27.46	V	peak
14880.0000	28.28	21.09	49.37	74.00	-24.63	V	peak
17244.0000	30.08	23.34	53.42	74.00	-20.58	V	peak
17244.0000	27.14	23.34	50.48	54.00	-3.52	V	AVG
7704.0000	31.29	9.07	40.36	74.00	-33.64	H	Peak
8340.0000	31.63	9.46	41.09	74.00	-32.91	H	Peak
10968.0000	29.66	14.98	44.64	74.00	-29.36	H	Peak
11820.0000	30.22	14.72	44.94	74.00	-29.06	H	peak
12960.0000	28.88	17.82	46.70	74.00	-27.30	H	peak
14880.0000	28.54	21.09	49.63	74.00	-24.37	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBUV/m) – Average limit (dBUV/m).



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5785MHz /(CH Mid) Tested by: Eve Wang
Ambient temperature: 24°C Relative humidity: 52% RH Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8352.0000	31.56	9.46	41.02	74.00	-32.98	V	peak
10296.0000	30.40	12.90	43.30	74.00	-30.70	V	peak
11064.0000	29.67	15.05	44.72	74.00	-29.28	V	peak
11844.0000	30.07	14.71	44.78	74.00	-29.22	V	peak
14952.0000	28.80	21.13	49.93	74.00	-24.07	V	peak
17352.0000	29.33	23.32	52.65	74.00	-21.35	V	peak
17352.0000	26.55	23.32	49.87	54.00	-4.13	V	AVG
7740.0000	31.37	9.14	40.51	74.00	-33.49	H	Peak
8352.0000	31.41	9.46	40.87	74.00	-33.13	H	Peak
10284.0000	30.34	12.86	43.20	74.00	-30.80	H	Peak
11316.0000	29.65	14.94	44.59	74.00	-29.41	H	peak
12996.0000	28.65	17.94	46.59	74.00	-27.41	H	peak
15000.0000	28.37	21.16	49.53	74.00	-24.47	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. $Margin (dB) = Remark\ result (dBuV/m) - Average\ limit (dBuV/m).$



Test Mode: TX / IEEE 802.11n HT 20 MHz / 5825MHz /(CH High) Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7752.0000	31.51	9.17	40.68	74.00	-33.32	V	peak
8376.0000	31.66	9.44	41.10	74.00	-32.90	V	peak
10068.0000	30.35	12.19	42.54	74.00	-31.46	V	peak
11040.0000	29.57	15.06	44.63	74.00	-29.37	V	peak
11820.0000	30.02	14.72	44.74	74.00	-29.26	V	peak
12984.0000	29.37	17.90	47.27	74.00	-26.73	V	peak
7776.0000	31.29	9.21	40.50	74.00	-33.50	H	Peak
8364.0000	31.90	9.45	41.35	74.00	-32.65	H	Peak
10968.0000	29.51	14.98	44.49	74.00	-29.51	H	Peak
11856.0000	30.40	14.70	45.10	74.00	-28.90	H	peak
13524.0000	27.87	19.33	47.20	74.00	-26.80	H	peak
15012.0000	28.14	21.11	49.25	74.00	-24.75	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Combine with Antenna 0 and Antenna 1 and Antenna 2

Test Mode: TX / IEEE 802.11n HT 40 MHz / 5190MHz /(CH Low) **Tested by:** Eve Wang

Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.0000	31.90	7.62	39.52	74.00	-34.48	V	peak
7752.0000	31.30	9.17	40.47	74.00	-33.53	V	peak
8328.0000	31.67	9.47	41.14	74.00	-32.86	V	peak
11040.0000	29.80	15.06	44.86	74.00	-29.14	V	peak
11844.0000	30.24	14.71	44.95	74.00	-29.05	V	peak
15576.0000	32.86	18.54	51.40	74.00	-22.60	V	peak
7752.0000	31.77	9.17	40.94	74.00	-33.06	H	Peak
8376.0000	31.44	9.44	40.88	74.00	-33.12	H	Peak
10908.0000	29.85	14.79	44.64	74.00	-29.36	H	Peak
12960.0000	29.68	17.82	47.50	74.00	-26.50	H	peak
14808.0000	29.09	21.05	50.14	74.00	-23.86	H	peak
15576.0000	31.44	18.54	49.98	74.00	-24.02	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5230MHz /(CH Low) **Tested by:** Eve Wang
Ambient temperature: 24°C **Relative humidity:** 52% RH **Date:** July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7764.0000	31.81	9.19	41.00	74.00	-33.00	V	peak
8484.0000	31.52	9.38	40.90	74.00	-33.10	V	peak
10452.0000	31.03	13.38	44.41	74.00	-29.59	V	peak
11844.0000	30.32	14.71	45.03	74.00	-28.97	V	peak
12984.0000	29.16	17.90	47.06	74.00	-26.94	V	peak
15684.0000	32.30	18.05	50.35	74.00	-23.65	V	peak
7764.0000	31.13	9.19	40.32	74.00	-33.68	H	Peak
8364.0000	31.41	9.45	40.86	74.00	-33.14	H	Peak
10296.0000	30.21	12.90	43.11	74.00	-30.89	H	Peak
11040.0000	29.66	15.06	44.72	74.00	-29.28	H	peak
12840.0000	29.49	17.42	46.91	74.00	-27.09	H	peak
15684.0000	31.92	18.05	49.97	74.00	-24.03	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).

**Test Mode:** TX / IEEE 802.11n HT 40 MHz / 5755MHz /(CH Low) **Tested by:** Eve Wang**Ambient temperature:** 24°C **Relative humidity:** 52% RH **Date:** July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
8364.0000	31.56	9.45	41.01	74.00	-32.99	V	peak
10056.0000	30.74	12.15	42.89	74.00	-31.11	V	peak
11316.0000	29.86	14.94	44.80	74.00	-29.20	V	peak
14172.0000	28.35	20.68	49.03	74.00	-24.97	V	peak
14844.0000	28.52	21.07	49.59	74.00	-24.41	V	peak
17280.0000	29.01	23.34	52.35	74.00	-21.65	V	peak
17280.0000	25.18	23.34	48.52	54.00	-5.48	V	AVG
6924.0000	31.93	7.58	39.51	74.00	-34.49	H	Peak
7764.0000	31.33	9.19	40.52	74.00	-33.48	H	Peak
8340.0000	31.62	9.46	41.08	74.00	-32.92	H	Peak
9336.0000	30.83	10.07	40.90	74.00	-33.10	H	peak
11316.0000	29.96	14.94	44.90	74.00	-29.10	H	peak
12960.0000	29.41	17.82	47.23	74.00	-26.77	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



Test Mode: TX / IEEE 802.11n HT 40 MHz / 5795MHz /(CH High) Tested by: Eve Wang

Ambient temperature: 24°C Relative humidity: 52% RH Date: July 31, 2016

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7644.0000	31.07	8.96	40.03	74.00	-33.97	V	peak
8448.0000	31.28	9.40	40.68	74.00	-33.32	V	peak
10296.0000	30.12	12.90	43.02	74.00	-30.98	V	peak
12696.0000	28.76	16.94	45.70	74.00	-28.30	V	peak
14832.0000	28.24	21.06	49.30	74.00	-24.70	V	peak
17376.0000	29.01	23.32	52.33	74.00	-21.67	V	peak
17376.0000	25.40	23.32	48.72	54.00	-5.28	V	AVG
6996.0000	31.62	7.69	39.31	74.00	-34.69	H	Peak
7752.0000	31.32	9.17	40.49	74.00	-33.51	H	Peak
8352.0000	31.66	9.46	41.12	74.00	-32.88	H	Peak
10944.0000	29.62	14.91	44.53	74.00	-29.47	H	peak
11820.0000	30.43	14.72	45.15	74.00	-28.85	H	peak
13008.0000	28.76	17.97	46.73	74.00	-27.27	H	peak

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit.
4. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
6. $Margin (dB) = Remark\ result (dBuV/m) - Average\ limit (dBuV/m)$.



6.8 CONDUCTED UNDESIRABLE EMISSION

6.8.1 LIMIT

According to 15.407(b) ,

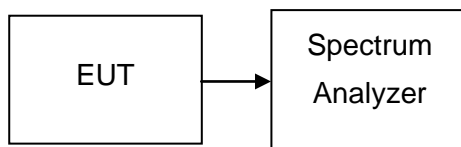
- (1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- (2) For transmitters operating in the 5.725–5.850 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of –17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of –27 dBm/MHz.
- (3) The provisions of §15.205 apply to intentional radiators operating under this section.

6.8.2 MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	N9010A	MY52221469	02/21/2016	02/20/2017

Remark: Each piece of equipment is scheduled for calibration once a year.

6.8.3 TEST CONFIGURATION



6.8.4 TEST PROCEDURE

Conducted RF measurements of the transmitter output were made to confirm that the EUT antenna port conducted emissions meet the specified limit and to identify any spurious signals that require further investigation or measurements on the radiated emissions site.

The transmitter output is connected to the spectrum analyzer. The resolution bandwidth is set to 1 MHz. The video bandwidth is set to 1 MHz. Peak detection measurements are compared to the average EIRP limit, adjusted for the maximum antenna gain. If necessary, additional average detection measurements are made.

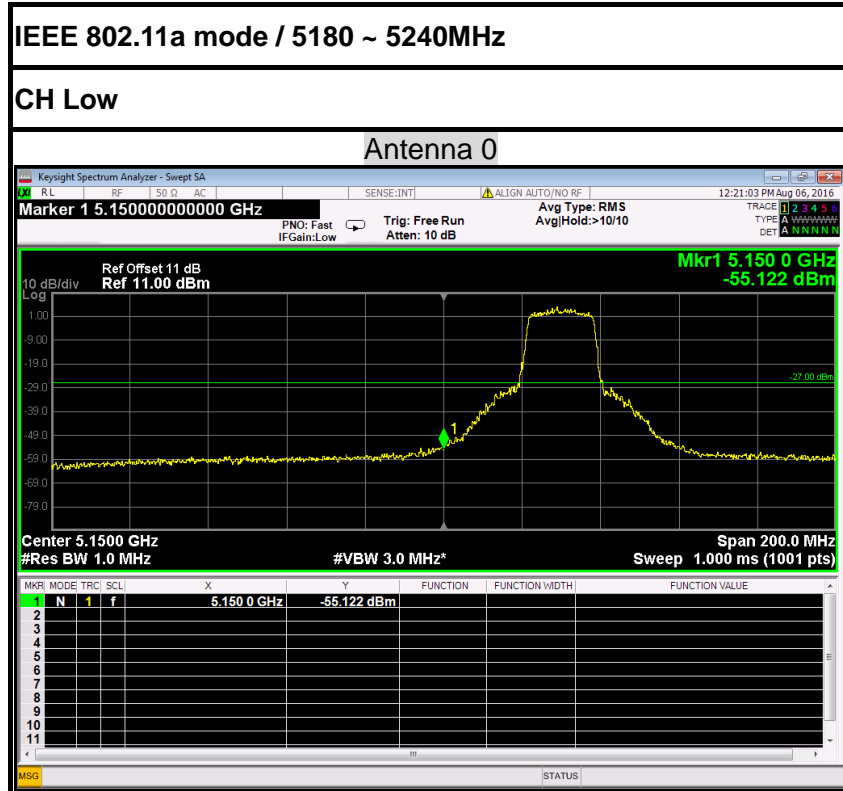
Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels.

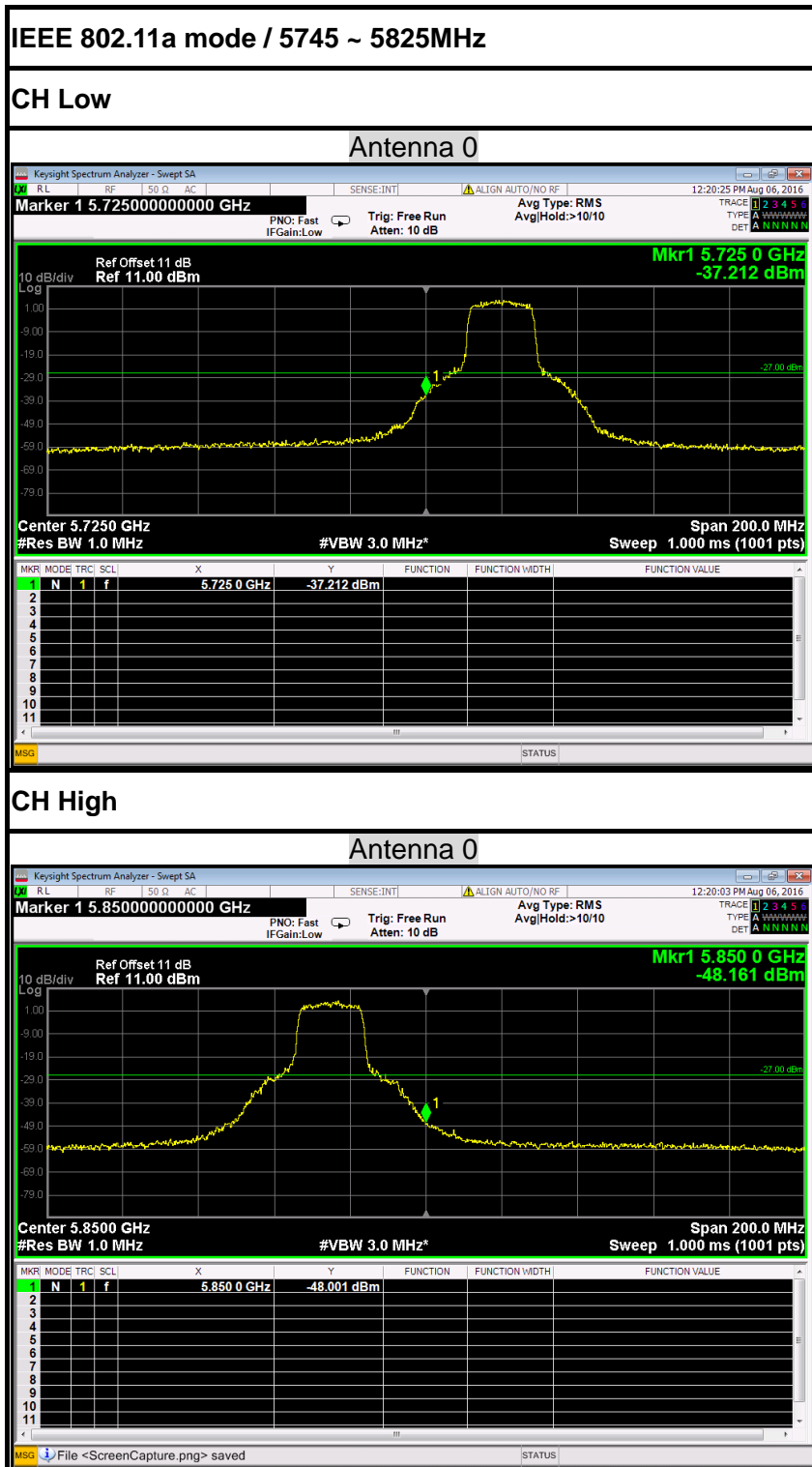


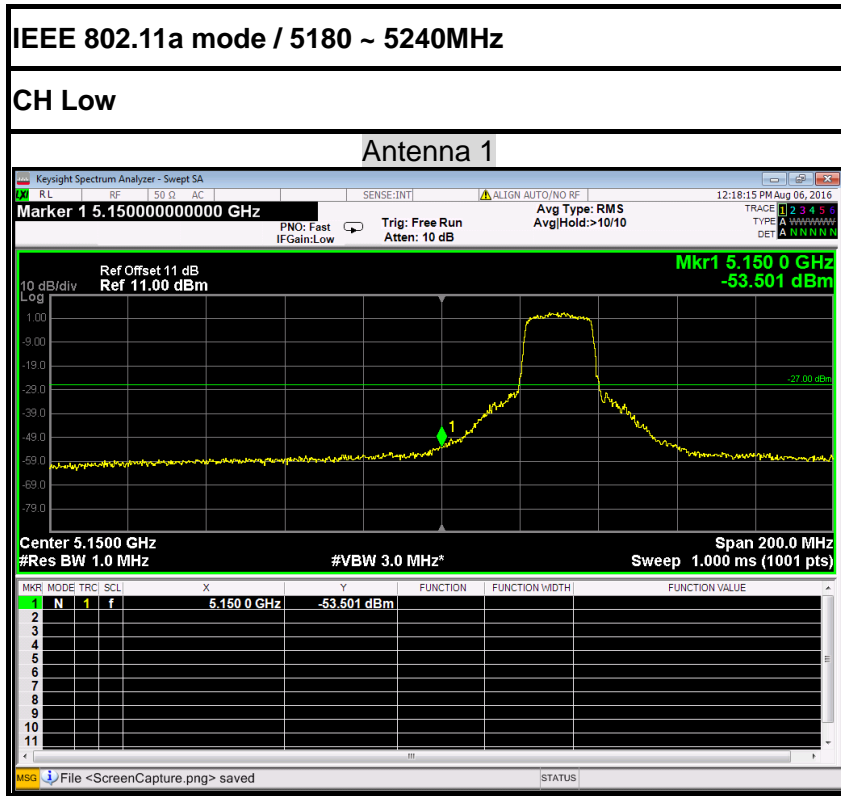
6.8.5 TEST RESULTS

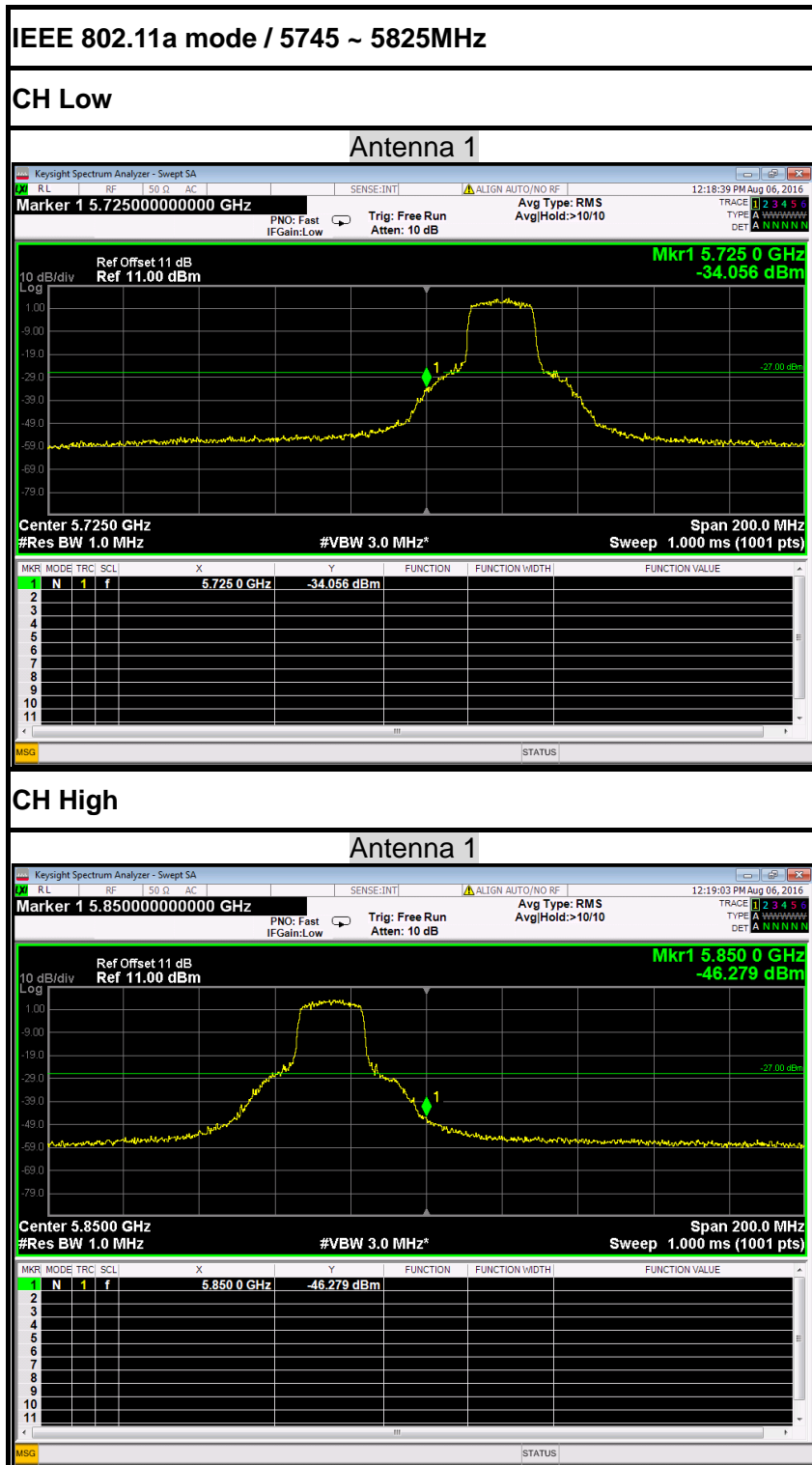
No non-compliance noted

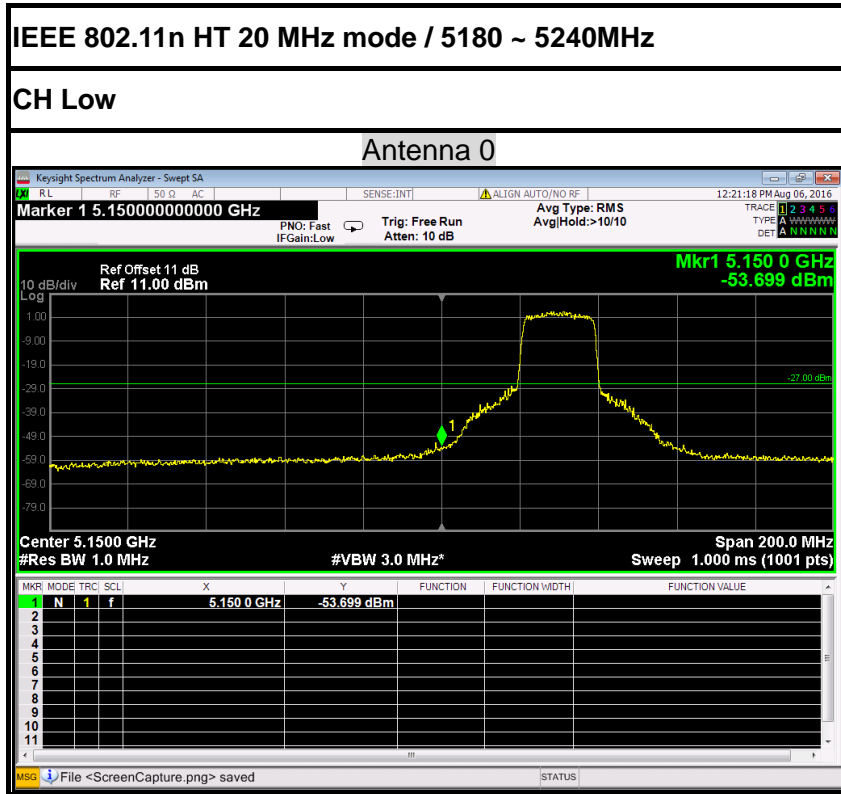
Test Plot

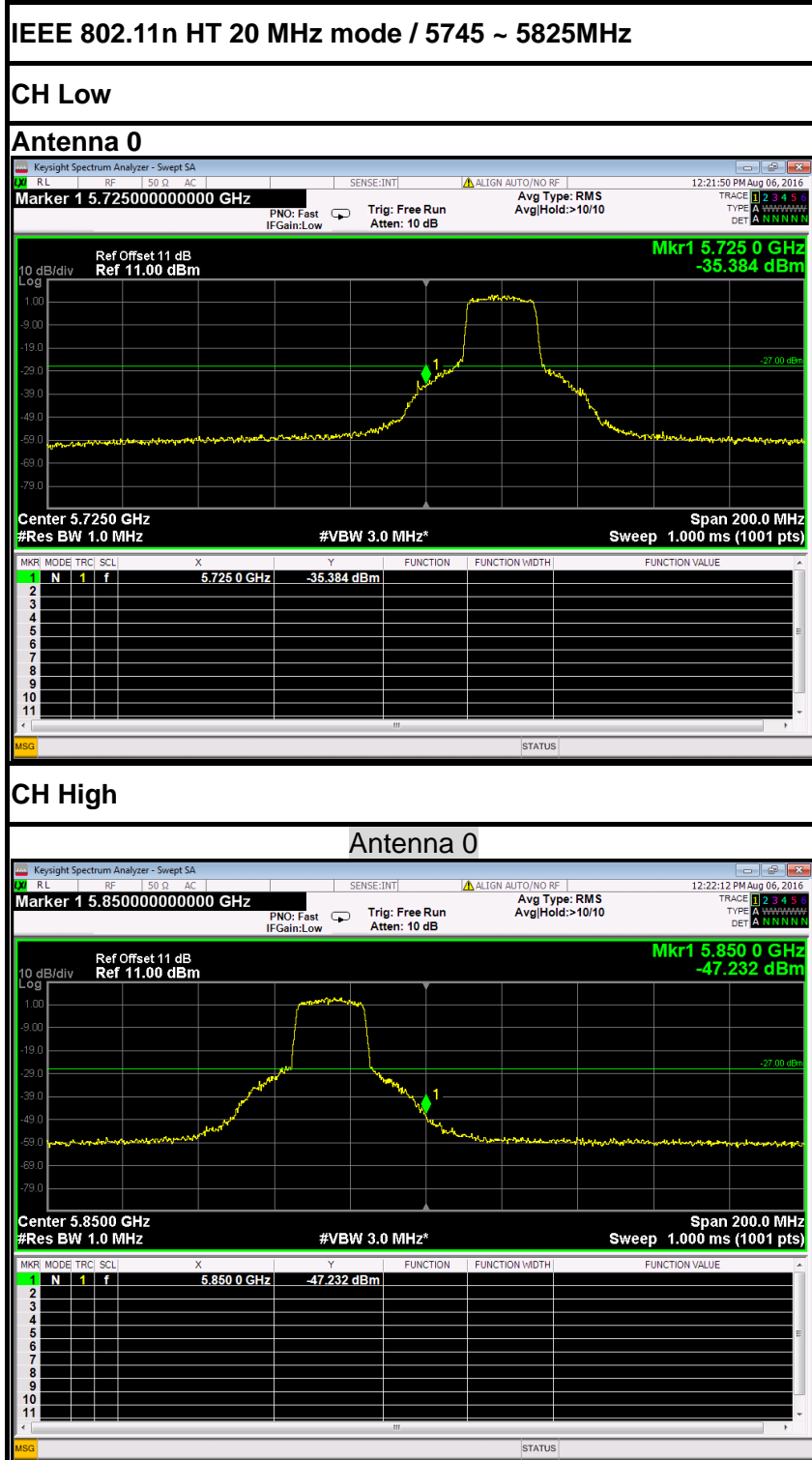


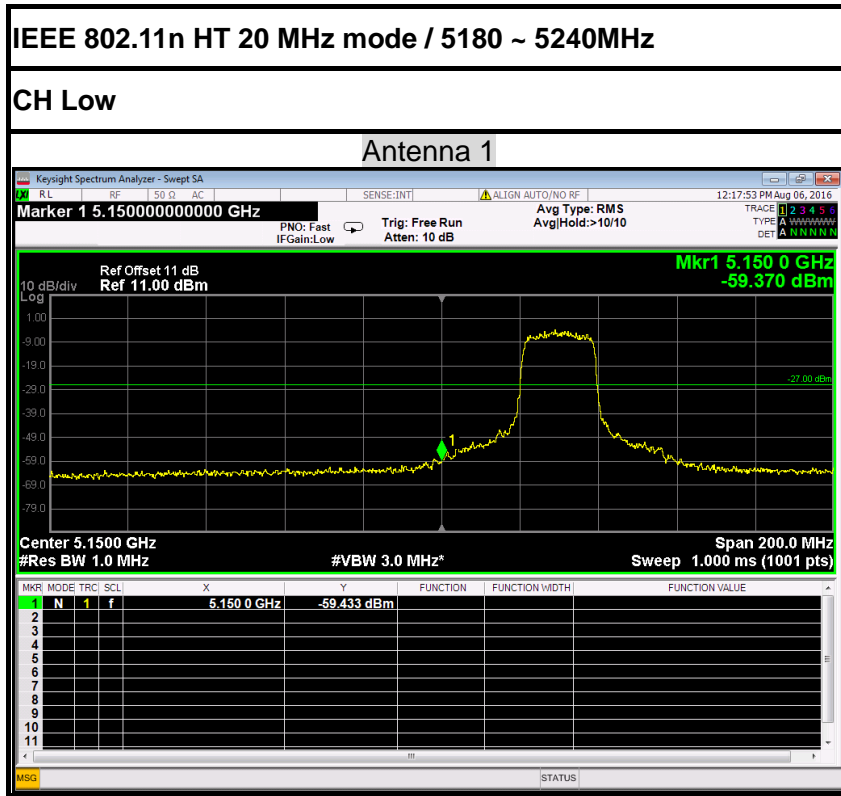


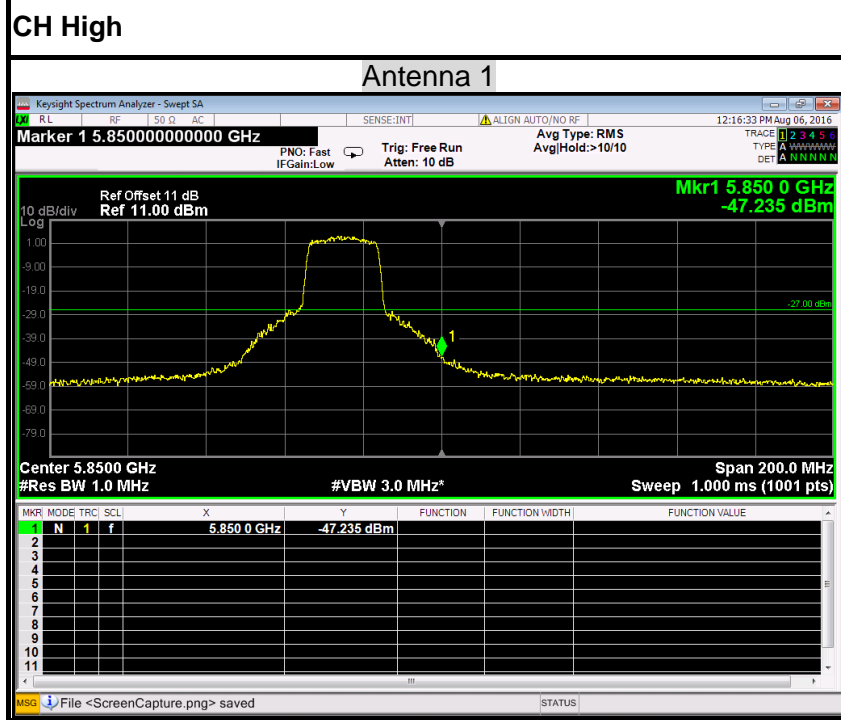
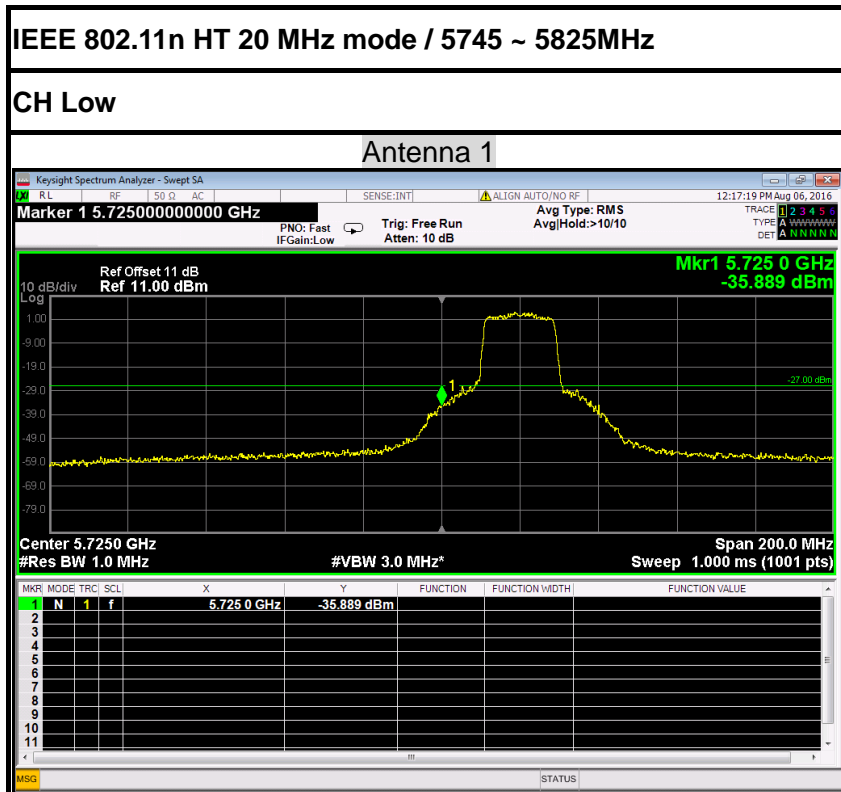


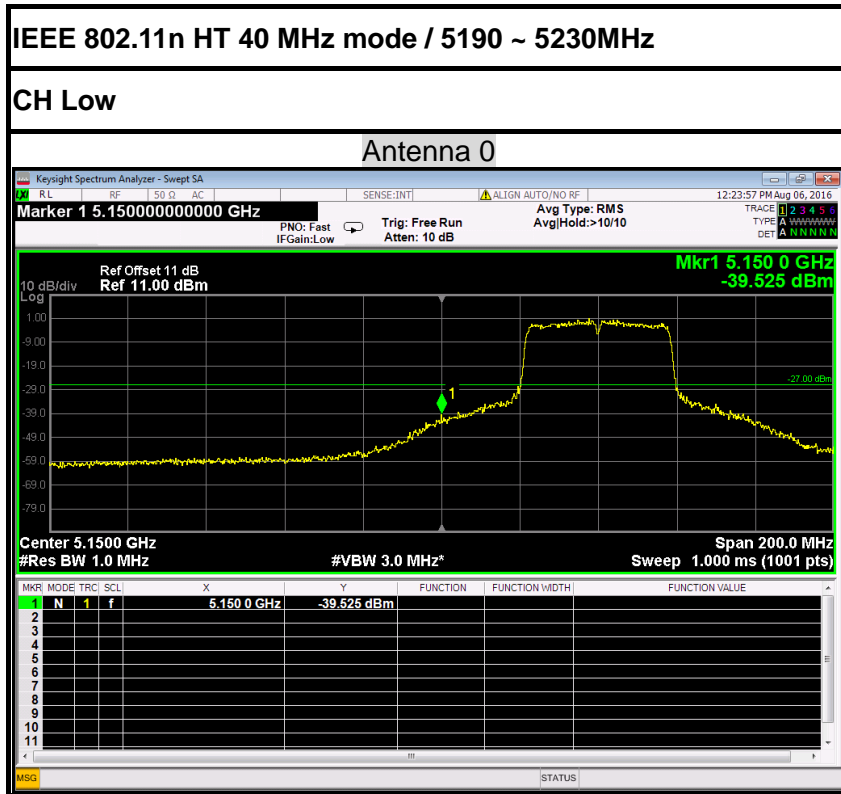


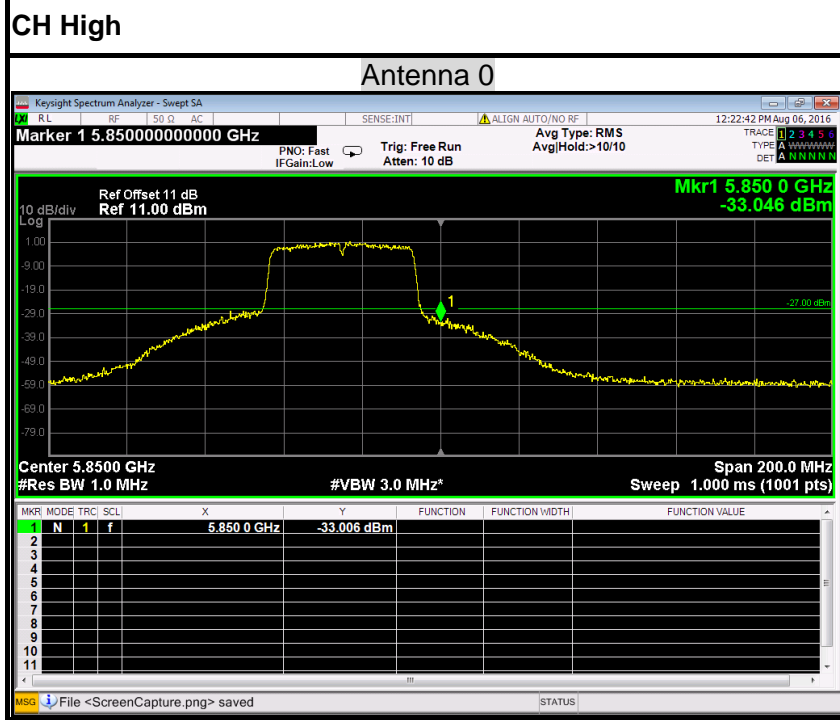
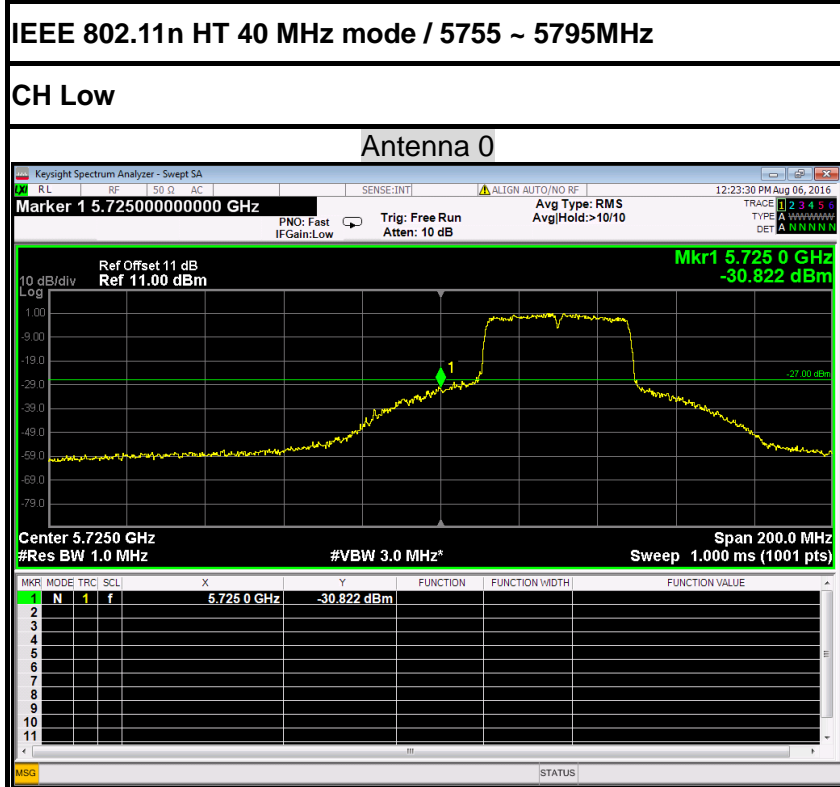


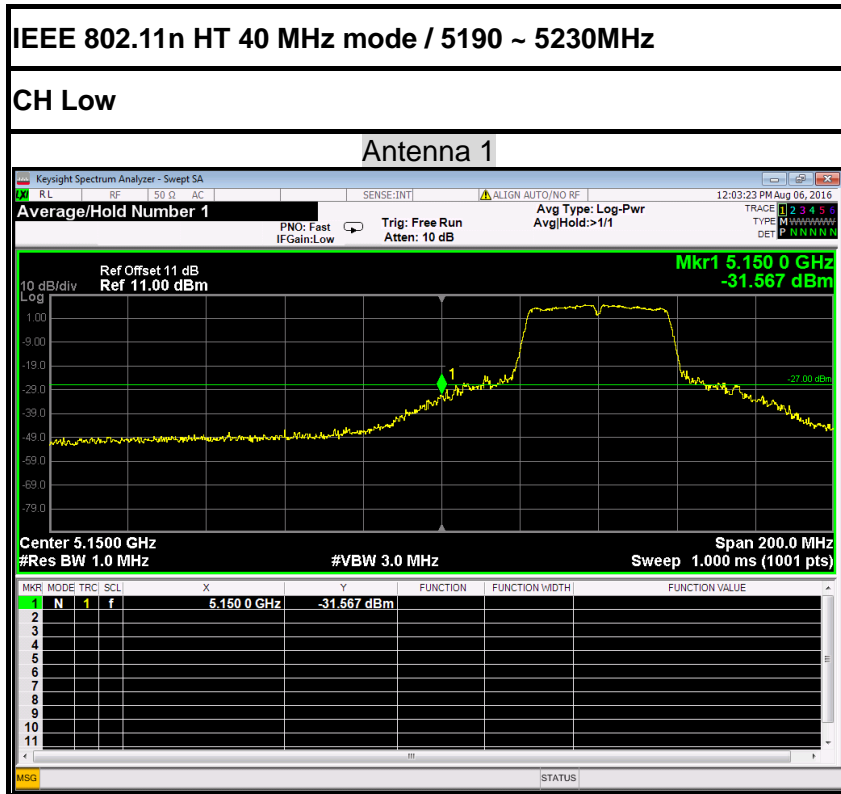


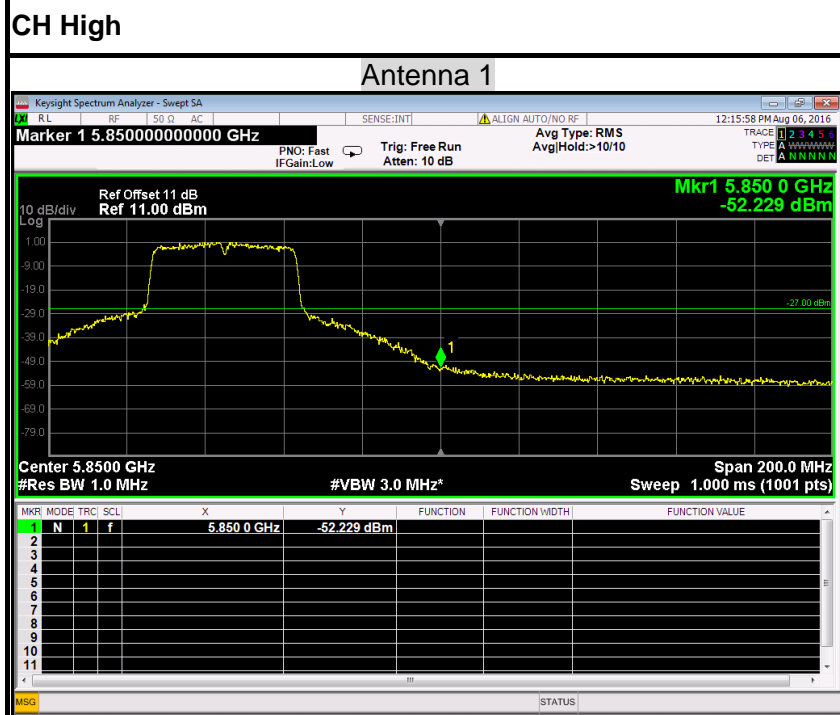
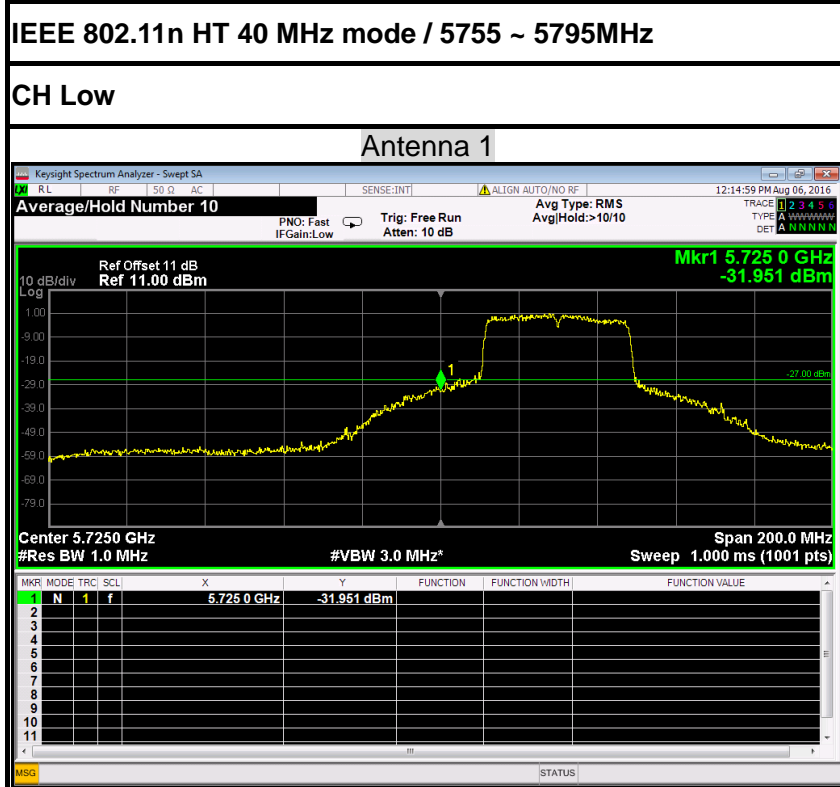














6.9 POWERLINE CONDUCTED EMISSIONS

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 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.

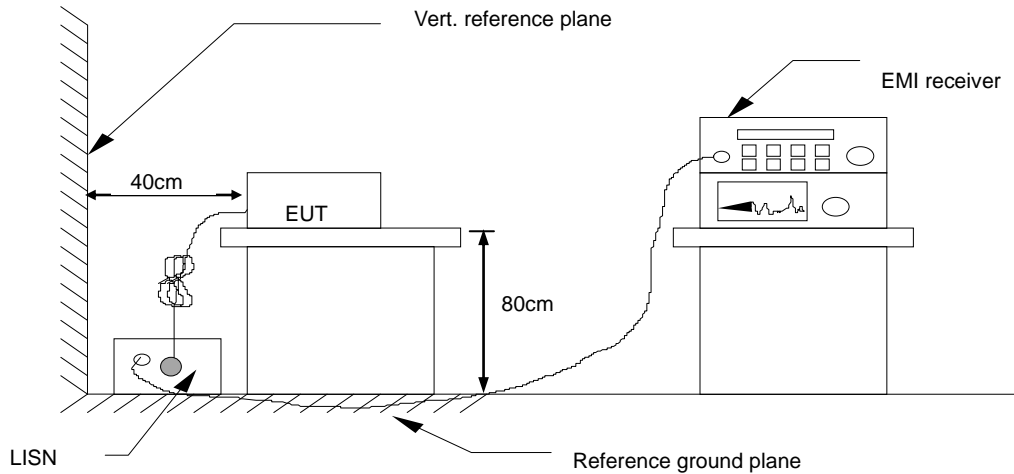
6.9.2 TEST INSTRUMENTS

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

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



6.9.3 TEST CONFIGURATION



6.9.4 TEST PROCEDURE

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

6.9.5 DATA SAMPLE

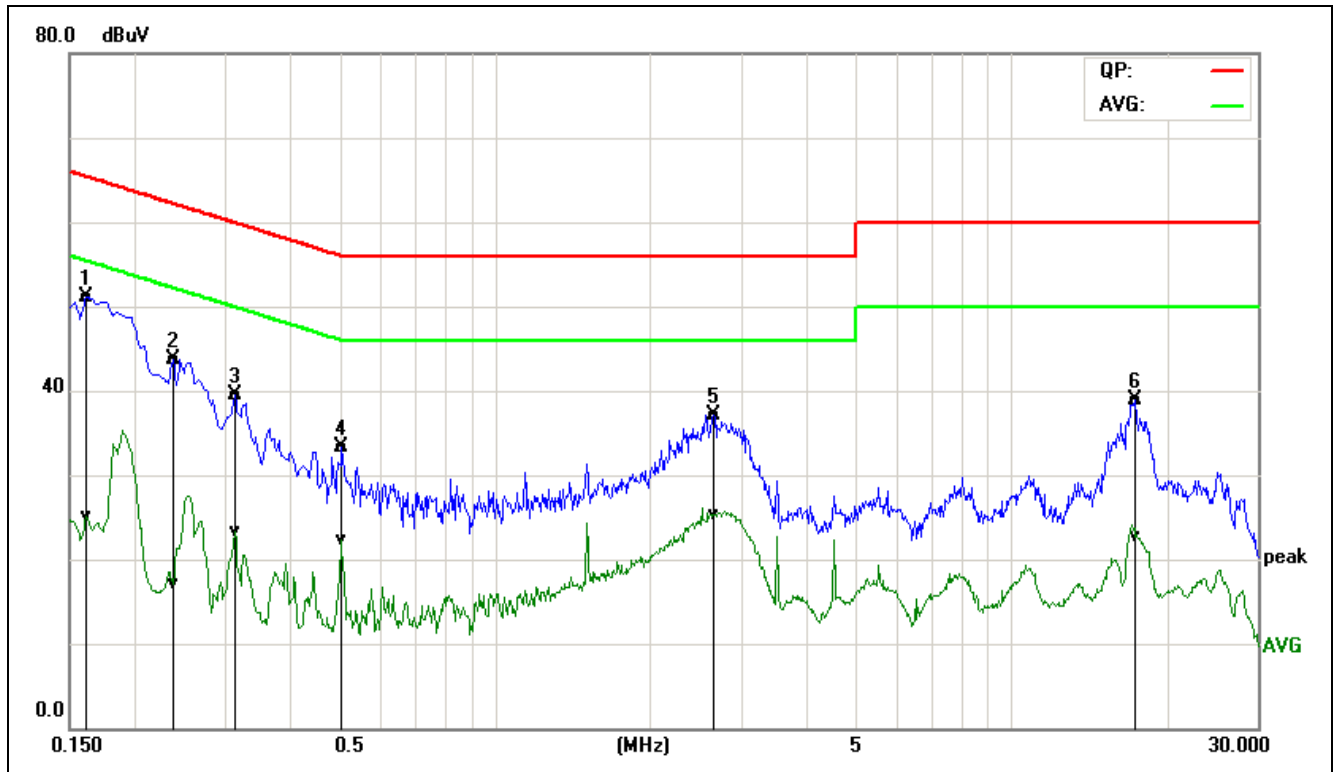
Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62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

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



6.9.6 TEST RESULTS

Model No.	GS1	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 1
Tested by	Eve Wang	Line	L1
Test Date	August 10, 2016		

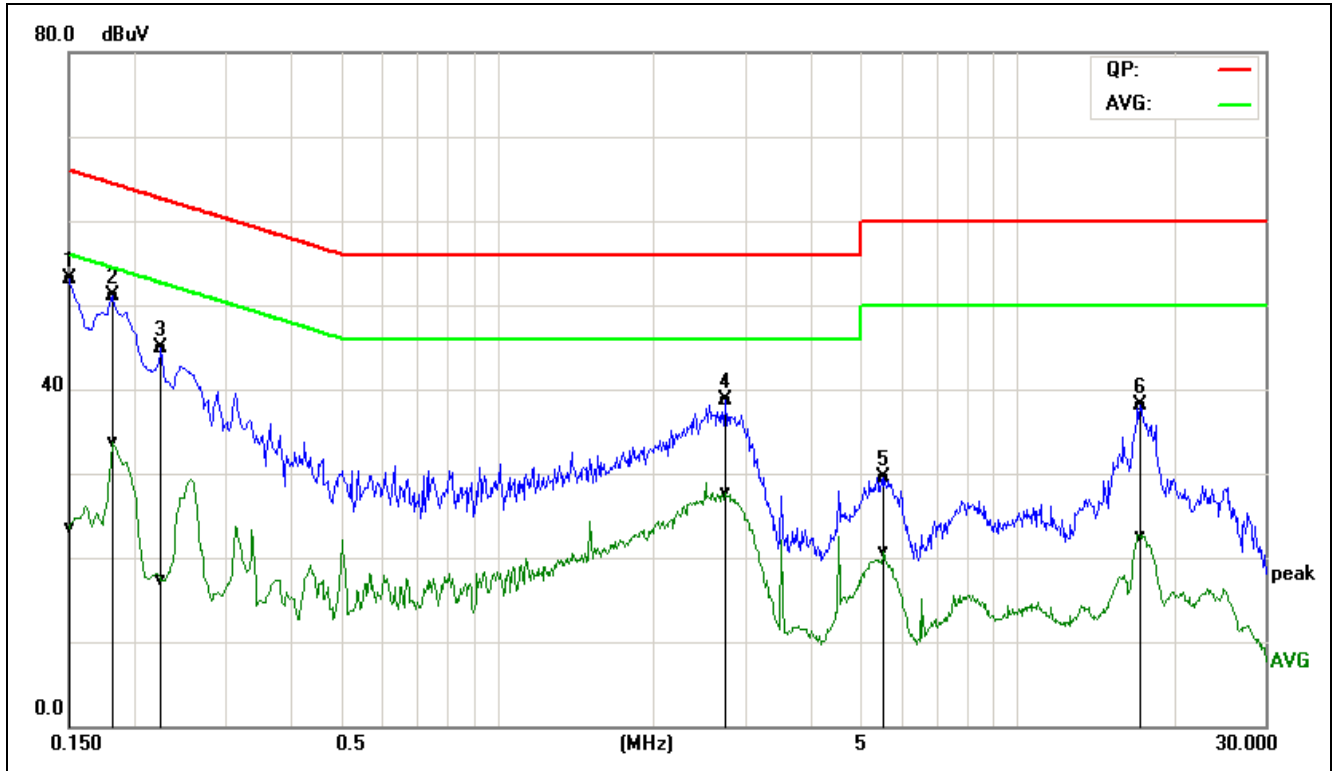


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1620	41.63	15.59	9.54	51.17	25.13	65.36	55.36	-14.19	-30.23	Pass	L1
0.2380	34.08	7.52	9.64	43.72	17.16	62.16	52.17	-18.44	-35.01	Pass	L1
0.3140	29.82	13.57	9.64	39.46	23.21	59.86	49.86	-20.40	-26.65	Pass	L1
0.5060	23.71	12.65	9.63	33.34	22.28	56.00	46.00	-22.66	-23.72	Pass	L1
2.6500	27.32	15.57	9.70	37.02	25.27	56.00	46.00	-18.98	-20.73	Pass	L1
17.4300	29.04	12.88	9.91	38.95	22.79	60.00	50.00	-21.05	-27.21	Pass	L1

REMARKS: L1 = Line One (Live Line)



Model No.	GS1	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 1
Tested by	Eve Wang	Line	L2
Test Date	August 10, 2016		

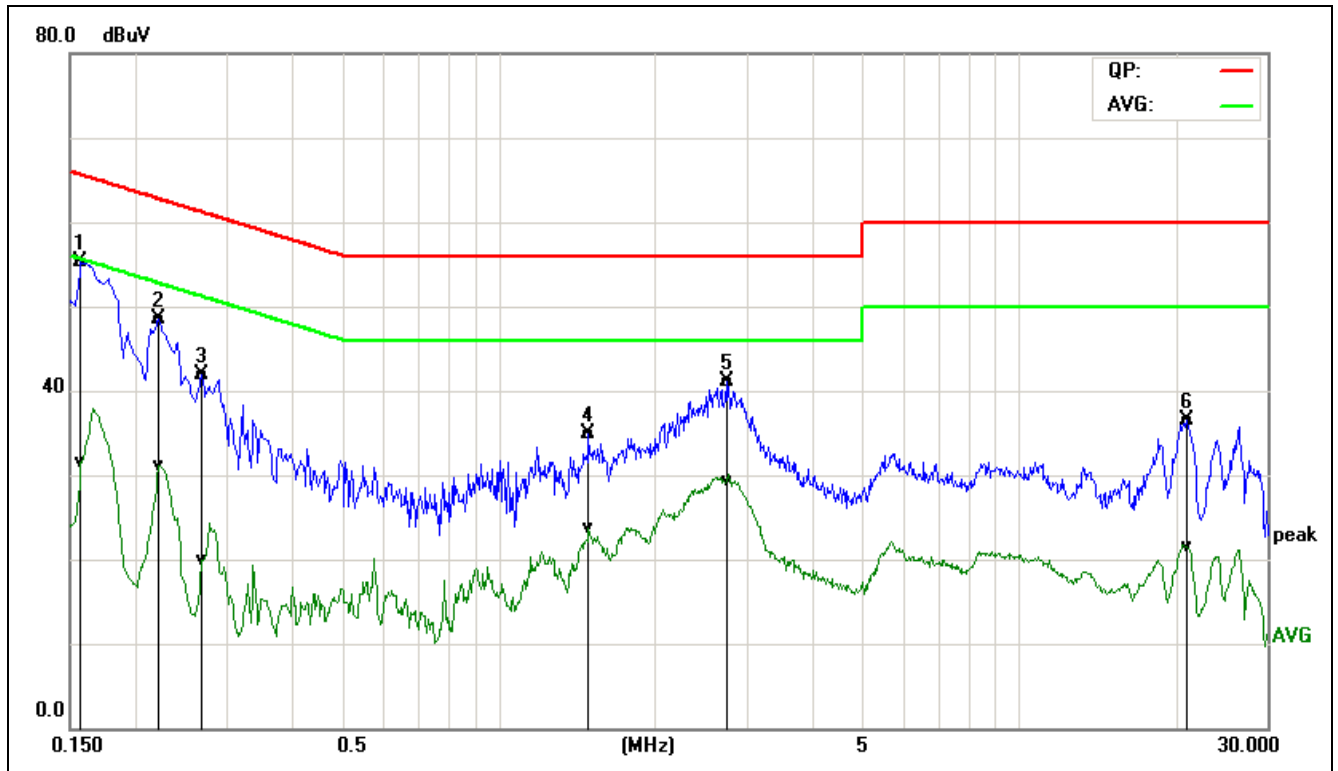


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1500	43.37	13.82	9.72	53.09	23.54	65.99	56.00	-12.90	-32.46	Pass	L2
0.1819	41.42	24.04	9.73	51.15	33.77	64.39	54.40	-13.24	-20.63	Pass	L2
0.2260	35.21	7.62	9.73	44.94	17.35	62.59	52.60	-17.65	-35.25	Pass	L2
2.7620	28.90	17.93	9.72	38.62	27.65	56.00	46.00	-17.38	-18.35	Pass	L2
5.5380	19.81	11.05	9.73	29.54	20.78	60.00	50.00	-30.46	-29.22	Pass	L2
17.2300	28.43	12.75	9.76	38.19	22.51	60.00	50.00	-21.81	-27.49	Pass	L2

REMARKS: L2 = Line Two (Neutral Line)



Model No.	GS1	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 2
Tested by	Eve Wang	Line	L1
Test Date	August 10, 2016		

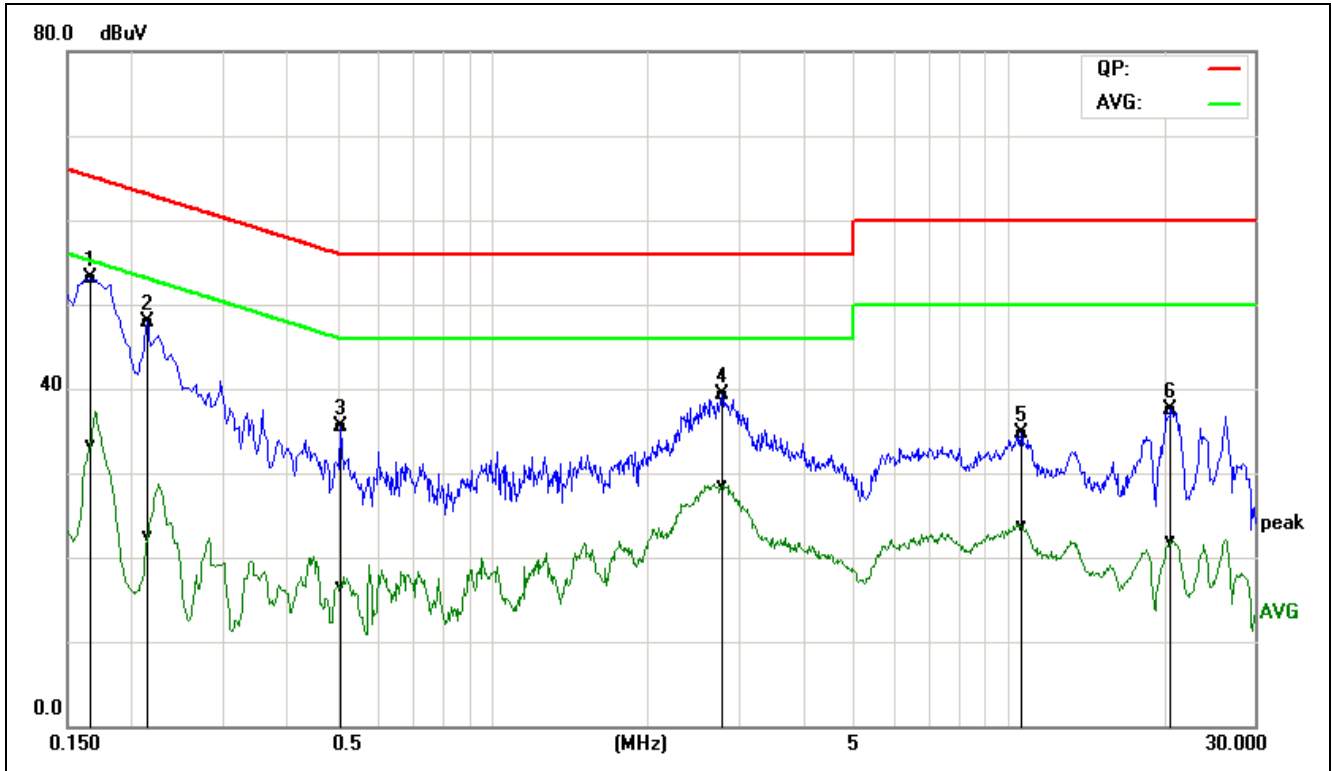


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1580	45.44	21.70	9.78	55.22	31.48	65.56	55.57	-10.34	-24.09	Pass	L1
0.2220	38.74	21.31	9.78	48.52	31.09	62.74	52.74	-14.22	-21.65	Pass	L1
0.2700	32.12	10.19	9.77	41.89	19.96	61.12	51.12	-19.23	-31.16	Pass	L1
1.4900	25.15	13.90	9.77	34.92	23.67	56.00	46.00	-21.08	-22.33	Pass	L1
2.7380	31.42	19.59	9.74	41.16	29.33	56.00	46.00	-14.84	-16.67	Pass	L1
21.0220	26.82	11.76	9.74	36.56	21.50	60.00	50.00	-23.44	-28.50	Pass	L1

REMARKS: L1 = Line One (Live Line)



Model No.	GS1	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 2
Tested by	Eve Wang	Line	L2
Test Date	August 10, 2016		



Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1660	43.23	23.55	9.78	53.01	33.33	65.15	55.16	-12.14	-21.83	Pass	L2
0.2140	38.14	12.70	9.79	47.93	22.49	63.04	53.05	-15.11	-30.56	Pass	L2
0.5100	25.78	6.92	9.68	35.46	16.60	56.00	46.00	-20.54	-29.40	Pass	L2
2.7940	29.62	18.73	9.74	39.36	28.47	56.00	46.00	-16.64	-17.53	Pass	L2
10.5780	24.83	13.79	9.85	34.68	23.64	60.00	50.00	-25.32	-26.36	Pass	L2
20.6700	27.70	12.08	9.74	37.44	21.82	60.00	50.00	-22.56	-28.18	Pass	L2

REMARKS: L2 = Line Two (Neutral Line)



6.10 FREQUENCY STABILITY

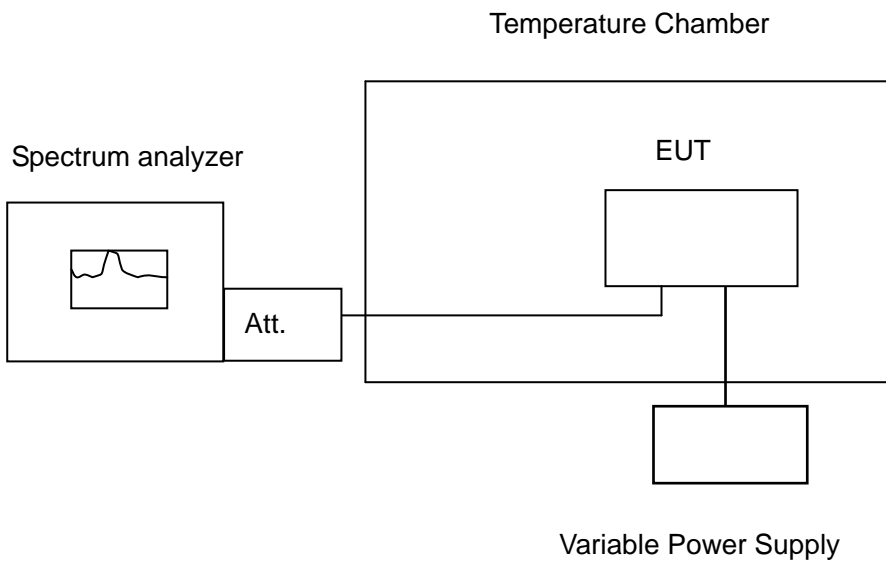
6.10.1 LIMIT

According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

6.10.2 TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	N9010A	MY52221469	02/21/2016	02/20/2017
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	02/21/2016	02/20/2017
Power Sensor	Anritsu	MA2411B	1126150	02/21/2016	02/20/2017
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2015	11/17/2016
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2016	02/20/2017

6.10.3 TEST CONFIGURATION



Remark: Measurement setup for testing on Antenna connector



6.10.4 TEST PROCEDURE

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

6.10.5 TEST RESULTS

No non-compliance noted.



Test Data
Antenna 0

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.987585	5150-5250	PASS
40	120	5179.982294	5150-5250	PASS
30	120	5179.952965	5150-5250	PASS
20	120	5179.943825	5150-5250	PASS
10	120	5179.950440	5150-5250	PASS
0	120	5179.955324	5150-5250	PASS
-10	120	5179.979515	5150-5250	PASS
-20	120	5179.993271	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.971853	5150-5250	PASS
	120	5179.943825	5150-5250	PASS
	132	5179.966656	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	5239.970753	5150-5250	PASS
40	120	5239.982154	5150-5250	PASS
30	120	5239.950702	5150-5250	PASS
20	120	5239.943675	5150-5250	PASS
10	120	5239.960804	5150-5250	PASS
0	120	5239.984911	5150-5250	PASS
-10	120	5239.993660	5150-5250	PASS
-20	120	5239.998428	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.961089	5150-5250	PASS
	120	5239.943675	5150-5250	PASS
	132	5239.982032	5150-5250	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.971411	5725-5850	PASS
40	120	5744.984478	5725-5850	PASS
30	120	5744.997764	5725-5850	PASS
20	120	5744.941269	5725-5850	PASS
10	120	5744.990861	5725-5850	PASS
0	120	5744.970059	5725-5850	PASS
-10	120	5744.970262	5725-5850	PASS
-20	120	5744.981043	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.998203	5725-5850	PASS
	120	5744.941269	5725-5850	PASS
	132	5744.959449	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.988881	5725-5850	PASS
40	120	5824.989260	5725-5850	PASS
30	120	5824.980101	5725-5850	PASS
20	120	5824.958978	5725-5850	PASS
10	120	5824.997451	5725-5850	PASS
0	120	5824.970823	5725-5850	PASS
-10	120	5824.966464	5725-5850	PASS
-20	120	5824.975247	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.984618	5725-5850	PASS
	120	5824.958978	5725-5850	PASS
	132	5824.962735	5725-5850	PASS



Antenna 1

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.956958	5150-5250	PASS
40	120	5179.963900	5150-5250	PASS
30	120	5179.987496	5150-5250	PASS
20	120	5179.943825	5150-5250	PASS
10	120	5179.981624	5150-5250	PASS
0	120	5179.958822	5150-5250	PASS
-10	120	5179.956823	5150-5250	PASS
-20	120	5179.990291	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.998456	5150-5250	PASS
	120	5179.943825	5150-5250	PASS
	132	5179.986647	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	5239.965193	5150-5250	PASS
40	120	5239.981379	5150-5250	PASS
30	120	5239.960820	5150-5250	PASS
20	120	5239.943675	5150-5250	PASS
10	120	5239.949910	5150-5250	PASS
0	120	5239.975836	5150-5250	PASS
-10	120	5239.991467	5150-5250	PASS
-20	120	5239.999557	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.959559	5150-5250	PASS
	120	5239.943675	5150-5250	PASS
	132	5239.998848	5150-5250	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.990172	5725-5850	PASS
40	120	5744.963976	5725-5850	PASS
30	120	5744.968061	5725-5850	PASS
20	120	5744.941269	5725-5850	PASS
10	120	5744.954143	5725-5850	PASS
0	120	5744.974765	5725-5850	PASS
-10	120	5744.962572	5725-5850	PASS
-20	120	5744.960897	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.957957	5725-5850	PASS
	120	5744.941269	5725-5850	PASS
	132	5744.960183	5725-5850	PASS

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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.949875	5725-5850	PASS
40	120	5824.972182	5725-5850	PASS
30	120	5824.981764	5725-5850	PASS
20	120	5824.958978	5725-5850	PASS
10	120	5824.973012	5725-5850	PASS
0	120	5824.949003	5725-5850	PASS
-10	120	5824.988420	5725-5850	PASS
-20	120	5824.972556	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.961989	5725-5850	PASS
	120	5824.958978	5725-5850	PASS
	132	5824.968582	5725-5850	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	5179.957470	5150-5250	PASS
40	120	5179.950920	5150-5250	PASS
30	120	5179.976390	5150-5250	PASS
20	120	5179.944269	5150-5250	PASS
10	120	5179.989538	5150-5250	PASS
0	120	5179.958128	5150-5250	PASS
-10	120	5179.965868	5150-5250	PASS
-20	120	5179.998609	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.988503	5150-5250	PASS
	120	5179.944269	5150-5250	PASS
	132	5179.985152	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	5239.956497	5150-5250	PASS
40	120	5239.992823	5150-5250	PASS
30	120	5239.985950	5150-5250	PASS
20	120	5239.941837	5150-5250	PASS
10	120	5239.956472	5150-5250	PASS
0	120	5239.951803	5150-5250	PASS
-10	120	5239.980160	5150-5250	PASS
-20	120	5239.999762	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.983127	5150-5250	PASS
	120	5239.941837	5150-5250	PASS
	132	5239.962426	5150-5250	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	5744.979776	5725-5850	PASS
40	120	5744.983496	5725-5850	PASS
30	120	5744.976125	5725-5850	PASS
20	120	5744.936987	5725-5850	PASS
10	120	5744.962209	5725-5850	PASS
0	120	5744.963291	5725-5850	PASS
-10	120	5744.983014	5725-5850	PASS
-20	120	5744.972374	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.952904	5725-5850	PASS
	120	5744.936987	5725-5850	PASS
	132	5744.995714	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	5824.989103	5725-5850	PASS
40	120	5824.994233	5725-5850	PASS
30	120	5824.963416	5725-5850	PASS
20	120	5824.947528	5725-5850	PASS
10	120	5824.964536	5725-5850	PASS
0	120	5824.988085	5725-5850	PASS
-10	120	5824.957319	5725-5850	PASS
-20	120	5824.965816	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.992026	5725-5850	PASS
	120	5824.947528	5725-5850	PASS
	132	5824.974058	5725-5850	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.996390	5150-5250	PASS
40	120	5179.962679	5150-5250	PASS
30	120	5179.970361	5150-5250	PASS
20	120	5179.944269	5150-5250	PASS
10	120	5179.954424	5150-5250	PASS
0	120	5179.972747	5150-5250	PASS
-10	120	5179.975161	5150-5250	PASS
-20	120	5179.981421	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.989556	5150-5250	PASS
	120	5179.944269	5150-5250	PASS
	132	5179.955360	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	5239.974186	5150-5250	PASS
40	120	5239.953631	5150-5250	PASS
30	120	5239.970250	5150-5250	PASS
20	120	5239.941837	5150-5250	PASS
10	120	5239.992718	5150-5250	PASS
0	120	5239.988984	5150-5250	PASS
-10	120	5239.962968	5150-5250	PASS
-20	120	5239.976343	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.954973	5150-5250	PASS
	120	5239.941837	5150-5250	PASS
	132	5239.954717	5150-5250	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	5744.999844	5725-5850	PASS
40	120	5744.995901	5725-5850	PASS
30	120	5744.993161	5725-5850	PASS
20	120	5744.936987	5725-5850	PASS
10	120	5744.994122	5725-5850	PASS
0	120	5744.988089	5725-5850	PASS
-10	120	5744.993399	5725-5850	PASS
-20	120	5744.962943	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.954397	5725-5850	PASS
	120	5744.936987	5725-5850	PASS
	132	5744.961302	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	5824.978761	5725-5850	PASS
40	120	5824.954663	5725-5850	PASS
30	120	5824.968441	5725-5850	PASS
20	120	5824.947528	5725-5850	PASS
10	120	5824.979047	5725-5850	PASS
0	120	5824.990681	5725-5850	PASS
-10	120	5824.978118	5725-5850	PASS
-20	120	5824.960909	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.987783	5725-5850	PASS
	120	5824.947528	5725-5850	PASS
	132	5824.999124	5725-5850	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.965772	5150-5250	PASS
40	120	5189.999417	5150-5250	PASS
30	120	5189.952780	5150-5250	PASS
20	120	5189.944687	5150-5250	PASS
10	120	5189.983622	5150-5250	PASS
0	120	5189.999121	5150-5250	PASS
-10	120	5189.970581	5150-5250	PASS
-20	120	5189.985102	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.984979	5150-5250	PASS
	120	5189.944687	5150-5250	PASS
	132	5189.978271	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	5229.977648	5150-5250	PASS
40	120	5229.978530	5150-5250	PASS
30	120	5229.993996	5150-5250	PASS
20	120	5229.947928	5150-5250	PASS
10	120	5229.975703	5150-5250	PASS
0	120	5229.976357	5150-5250	PASS
-10	120	5229.985275	5150-5250	PASS
-20	120	5229.961992	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.993051	5150-5250	PASS
	120	5229.947928	5150-5250	PASS
	132	5229.974520	5150-5250	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	5754.967625	5725-5850	PASS
40	120	5754.958404	5725-5850	PASS
30	120	5754.960497	5725-5850	PASS
20	120	5754.948146	5725-5850	PASS
10	120	5754.974980	5725-5850	PASS
0	120	5754.974730	5725-5850	PASS
-10	120	5754.952530	5725-5850	PASS
-20	120	5754.987571	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.988994	5725-5850	PASS
	120	5754.948146	5725-5850	PASS
	132	5754.955108	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	5794.961721	5725-5850	PASS
40	120	5794.961570	5725-5850	PASS
30	120	5794.999414	5725-5850	PASS
20	120	5794.947156	5725-5850	PASS
10	120	5794.950493	5725-5850	PASS
0	120	5794.976360	5725-5850	PASS
-10	120	5794.980420	5725-5850	PASS
-20	120	5794.974215	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.954086	5725-5850	PASS
	120	5794.947156	5725-5850	PASS
	132	5794.958580	5725-5850	PASS



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

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.973874	5150-5250	PASS
40	120	5189.949936	5150-5250	PASS
30	120	5189.955981	5150-5250	PASS
20	120	5189.944687	5150-5250	PASS
10	120	5189.974705	5150-5250	PASS
0	120	5189.966484	5150-5250	PASS
-10	120	5189.959102	5150-5250	PASS
-20	120	5189.996747	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.992786	5150-5250	PASS
	120	5189.944687	5150-5250	PASS
	132	5189.970257	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	5229.964622	5150-5250	PASS
40	120	5229.968993	5150-5250	PASS
30	120	5229.967862	5150-5250	PASS
20	120	5229.947928	5150-5250	PASS
10	120	5229.961414	5150-5250	PASS
0	120	5229.979835	5150-5250	PASS
-10	120	5229.978184	5150-5250	PASS
-20	120	5229.966143	5150-5250	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.956203	5150-5250	PASS
	120	5229.947928	5150-5250	PASS
	132	5229.963395	5150-5250	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	5754.955912	5725-5850	PASS
40	120	5754.994164	5725-5850	PASS
30	120	5754.994043	5725-5850	PASS
20	120	5754.948146	5725-5850	PASS
10	120	5754.980176	5725-5850	PASS
0	120	5754.998964	5725-5850	PASS
-10	120	5754.955892	5725-5850	PASS
-20	120	5754.982231	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.976425	5725-5850	PASS
	120	5754.948146	5725-5850	PASS
	132	5754.983595	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	5794.967752	5725-5850	PASS
40	120	5794.973979	5725-5850	PASS
30	120	5794.958598	5725-5850	PASS
20	120	5794.947156	5725-5850	PASS
10	120	5794.972000	5725-5850	PASS
0	120	5794.965865	5725-5850	PASS
-10	120	5794.959572	5725-5850	PASS
-20	120	5794.962386	5725-5850	PASS

Environment Temperature (°C)	Volage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.967343	5725-5850	PASS
	120	5794.947156	5725-5850	PASS
	132	5794.990608	5725-5850	PASS