



**Test Mode:** TX / IEEE 802.11n HT 20 MHz / 5240MHz /(CH High)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6984.000	33.16	7.67	40.83	74.00	-33.17	V	peak
7956.000	33.42	9.56	42.98	74.00	-31.02	V	peak
10092.000	32.20	12.27	44.47	74.00	-29.53	V	peak
10488.000	32.91	13.49	46.40	74.00	-27.60	V	peak
11136.000	32.51	15.02	47.53	74.00	-26.47	V	peak
12048.000	32.36	14.80	47.16	74.00	-26.84	V	peak
8016.000	32.45	9.64	42.09	74.00	-31.91	H	Peak
8400.000	32.94	9.43	42.37	74.00	-31.63	H	Peak
10680.000	31.38	14.09	45.47	74.00	-28.53	H	Peak
11160.000	32.02	15.01	47.03	74.00	-26.97	H	peak
12516.000	31.56	16.35	47.91	74.00	-26.09	H	peak
13236.000	31.03	18.57	49.60	74.00	-24.40	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 / 5260MHz /(CH Low)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7008.000	33.53	7.72	41.25	74.00	-32.75	V	peak
8064.000	32.93	9.61	42.54	74.00	-31.46	V	peak
10524.000	33.30	13.60	46.90	74.00	-27.10	V	peak
11172.000	32.40	15.00	47.40	74.00	-26.60	V	peak
12540.000	31.37	16.43	47.80	74.00	-26.20	V	peak
13032.000	30.72	18.03	48.75	74.00	-25.25	V	peak
7692.000	33.45	9.05	42.50	74.00	-31.50	H	Peak
8376.000	33.06	9.44	42.50	74.00	-31.50	H	Peak
9888.000	32.62	11.66	44.28	74.00	-29.72	H	Peak
10512.000	31.86	13.57	45.43	74.00	-28.57	H	peak
11148.000	32.29	15.01	47.30	74.00	-26.70	H	peak
12660.000	31.13	16.82	47.95	74.00	-26.05	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 / 5300MHz /(CH Mid)**Tested by:** Darry Wu**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7968.000	33.32	9.59	42.91	74.00	-31.09	V	peak
8208.000	33.57	9.54	43.11	74.00	-30.89	V	peak
10596.000	33.12	13.83	46.95	74.00	-27.05	V	peak
11136.000	32.40	15.02	47.42	74.00	-26.58	V	peak
12540.000	31.50	16.43	47.93	74.00	-26.07	V	peak
13068.000	30.89	18.13	49.02	74.00	-24.98	V	peak
6864.000	33.50	7.48	40.98	74.00	-33.02	H	Peak
7344.000	33.35	8.37	41.72	74.00	-32.28	H	Peak
10044.000	32.43	12.12	44.55	74.00	-29.45	H	Peak
10596.000	32.36	13.83	46.19	74.00	-27.81	H	peak
11172.000	32.43	15.00	47.43	74.00	-26.57	H	peak
12696.000	30.92	16.94	47.86	74.00	-26.14	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 / 5320MHz /(CH High)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7668.000	33.30	9.00	42.30	74.00	-31.70	V	peak
8424.000	32.87	9.42	42.29	74.00	-31.71	V	peak
10032.000	32.27	12.08	44.35	74.00	-29.65	V	peak
10644.000	32.41	13.98	46.39	74.00	-27.61	V	peak
11220.000	32.91	14.98	47.89	74.00	-26.11	V	peak
12756.000	31.21	17.14	48.35	74.00	-25.65	V	peak
7116.000	33.22	7.93	41.15	74.00	-32.85	H	Peak
7464.000	33.10	8.60	41.70	74.00	-32.30	H	Peak
10608.000	32.09	13.86	45.95	74.00	-28.05	H	Peak
11148.000	32.65	15.01	47.66	74.00	-26.34	H	peak
11544.000	32.59	14.84	47.43	74.00	-26.57	H	peak
13308.000	30.17	18.76	48.93	74.00	-25.07	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 / 5500MHz /(CH Low)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7392.000	32.88	8.46	41.34	74.00	-32.66	V	peak
8076.000	33.16	9.61	42.77	74.00	-31.23	V	peak
9804.000	32.38	11.42	43.80	74.00	-30.20	V	peak
10092.000	32.51	12.27	44.78	74.00	-29.22	V	peak
11160.000	32.41	15.01	47.42	74.00	-26.58	V	peak
12576.000	31.34	16.55	47.89	74.00	-26.11	V	peak
7320.000	32.99	8.32	41.31	74.00	-32.69	H	Peak
7752.000	32.86	9.17	42.03	74.00	-31.97	H	Peak
9828.000	31.88	11.48	43.36	74.00	-30.64	H	Peak
10608.000	32.18	13.86	46.04	74.00	-27.96	H	peak
11256.000	32.58	14.97	47.55	74.00	-26.45	H	peak
13032.000	30.38	18.03	48.41	74.00	-25.59	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 / 5580MHz /(CH Mid)**Tested by:** Darry Wu**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7440.000	33.20	8.56	41.76	74.00	-32.24	V	peak
8160.000	33.08	9.56	42.64	74.00	-31.36	V	peak
9456.000	32.49	10.41	42.90	74.00	-31.10	V	peak
10368.000	31.83	13.12	44.95	74.00	-29.05	V	peak
11160.000	32.55	15.01	47.56	74.00	-26.44	V	peak
13176.000	31.09	18.41	49.50	74.00	-24.50	V	peak
6864.000	32.96	7.48	40.44	74.00	-33.56	H	Peak
7716.000	32.95	9.10	42.05	74.00	-31.95	H	Peak
8388.000	33.17	9.44	42.61	74.00	-31.39	H	Peak
10128.000	32.45	12.38	44.83	74.00	-29.17	H	peak
11112.000	31.10	15.03	46.13	74.00	-27.87	H	peak
13068.000	30.37	18.13	48.50	74.00	-25.50	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 / 5700MHz /(CH High)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6180.000	34.45	6.37	40.82	74.00	-33.18	V	peak
7596.000	33.24	8.86	42.10	74.00	-31.90	V	peak
9444.000	32.76	10.38	43.14	74.00	-30.86	V	peak
10056.000	32.07	12.15	44.22	74.00	-29.78	V	peak
11148.000	32.19	15.01	47.20	74.00	-26.80	V	peak
12636.000	31.55	16.75	48.30	74.00	-25.70	V	peak
8028.000	32.74	9.63	42.37	74.00	-31.63	H	Peak
9852.000	32.16	11.55	43.71	74.00	-30.29	H	Peak
10824.000	31.49	14.53	46.02	74.00	-27.98	H	Peak
11136.000	32.47	15.02	47.49	74.00	-26.51	H	peak
12516.000	31.86	16.35	48.21	74.00	-25.79	H	peak
13056.000	30.93	18.10	49.03	74.00	-24.97	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:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6228.000	34.39	6.45	40.84	74.00	-33.16	V	peak
7956.000	32.90	9.56	42.46	74.00	-31.54	V	peak
10032.000	32.17	12.08	44.25	74.00	-29.75	V	peak
10572.000	31.16	13.75	44.91	74.00	-29.09	V	peak
11016.000	30.88	15.07	45.95	74.00	-28.05	V	peak
13260.000	30.12	18.63	48.75	74.00	-25.25	V	peak
8028.000	32.73	9.63	42.36	74.00	-31.64	H	Peak
10116.000	32.62	12.34	44.96	74.00	-29.04	H	Peak
10824.000	31.63	14.53	46.16	74.00	-27.84	H	Peak
11376.000	32.31	14.91	47.22	74.00	-26.78	H	peak
12504.000	31.52	16.31	47.83	74.00	-26.17	H	peak
13200.000	30.99	18.48	49.47	74.00	-24.53	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:** Darry Wu**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6264.000	34.62	6.51	41.13	74.00	-32.87	V	peak
7716.000	33.85	9.10	42.95	74.00	-31.05	V	peak
10236.000	32.06	12.71	44.77	74.00	-29.23	V	peak
10620.000	32.35	13.90	46.25	74.00	-27.75	V	peak
11160.000	32.95	15.01	47.96	74.00	-26.04	V	peak
13236.000	30.40	18.57	48.97	74.00	-25.03	V	peak
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7080.000	32.60	7.86	40.46	74.00	-33.54	H	Peak
7944.000	33.29	9.54	42.83	74.00	-31.17	H	Peak
9384.000	32.46	10.21	42.67	74.00	-31.33	H	Peak
10452.000	31.93	13.38	45.31	74.00	-28.69	H	peak
11148.000	32.31	15.01	47.32	74.00	-26.68	H	peak
12492.000	31.10	16.27	47.37	74.00	-26.63	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:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7980.000	33.19	9.61	42.80	74.00	-31.20	V	peak
10704.000	31.87	14.16	46.03	74.00	-27.97	V	peak
11136.000	32.29	15.02	47.31	74.00	-26.69	V	peak
11424.000	32.26	14.89	47.15	74.00	-26.85	V	peak
11784.000	32.08	14.74	46.82	74.00	-27.18	V	peak
13032.000	30.93	18.03	48.96	74.00	-25.04	V	peak
6312.000	34.27	6.59	40.86	74.00	-33.14	H	Peak
8088.000	33.73	9.60	43.33	74.00	-30.67	H	Peak
10128.000	32.33	12.38	44.71	74.00	-29.29	H	Peak
11148.000	32.76	15.01	47.77	74.00	-26.23	H	peak
12636.000	31.56	16.75	48.31	74.00	-25.69	H	peak
13404.000	30.72	19.01	49.73	74.00	-24.27	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).

**Antenna 0 + Antenna 1 + Antenna 2****Test Mode:** TX / IEEE 802.11n HT 40 MHz / 5190MHz /(CH Low)    **Tested by:** Darry Wu**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7152.000	32.90	8.00	40.90	74.00	-33.10	V	peak
7968.000	32.98	9.59	42.57	74.00	-31.43	V	peak
10044.000	32.32	12.12	44.44	74.00	-29.56	V	peak
10380.000	32.87	13.16	46.03	74.00	-27.97	V	peak
11268.000	32.27	14.96	47.23	74.00	-26.77	V	peak
12672.000	31.45	16.86	48.31	74.00	-25.69	V	peak
6492.000	33.38	6.88	40.26	74.00	-33.74	H	Peak
7176.000	32.88	8.04	40.92	74.00	-33.08	H	Peak
8112.000	32.68	9.59	42.27	74.00	-31.73	H	Peak
10260.000	32.53	12.79	45.32	74.00	-28.68	H	peak
11232.000	32.75	14.98	47.73	74.00	-26.27	H	peak
12612.000	31.30	16.67	47.97	74.00	-26.03	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 / 5230MHz /(CH High)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6516.000	33.74	6.92	40.66	74.00	-33.34	V	peak
7980.000	32.78	9.61	42.39	74.00	-31.61	V	peak
10824.000	31.52	14.53	46.05	74.00	-27.95	V	peak
11268.000	32.37	14.96	47.33	74.00	-26.67	V	peak
12540.000	31.06	16.43	47.49	74.00	-26.51	V	peak
13236.000	30.66	18.57	49.23	74.00	-24.77	V	peak
7140.000	33.13	7.97	41.10	74.00	-32.90	H	Peak
8088.000	33.11	9.60	42.71	74.00	-31.29	H	Peak
10044.000	32.76	12.12	44.88	74.00	-29.12	H	Peak
11136.000	32.32	15.02	47.34	74.00	-26.66	H	peak
11508.000	32.20	14.86	47.06	74.00	-26.94	H	peak
12516.000	31.27	16.35	47.62	74.00	-26.38	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 / 5270MHz /(CH Low)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7080.000	32.96	7.86	40.82	74.00	-33.18	V	peak
8112.000	33.56	9.59	43.15	74.00	-30.85	V	peak
9324.000	32.38	10.03	42.41	74.00	-31.59	V	peak
10620.000	32.03	13.90	45.93	74.00	-28.07	V	peak
11136.000	32.41	15.02	47.43	74.00	-26.57	V	peak
12540.000	31.30	16.43	47.73	74.00	-26.27	V	peak
8052.000	33.38	9.62	43.00	74.00	-31.00	H	Peak
8364.000	33.30	9.45	42.75	74.00	-31.25	H	Peak
9372.000	32.19	10.17	42.36	74.00	-31.64	H	Peak
10500.000	31.14	13.53	44.67	74.00	-29.33	H	peak
11172.000	32.22	15.00	47.22	74.00	-26.78	H	peak
13104.000	30.43	18.22	48.65	74.00	-25.35	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 / 5310MHz /(CH High)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7020.000	33.17	7.74	40.91	74.00	-33.09	V	peak
8304.000	32.99	9.48	42.47	74.00	-31.53	V	peak
9900.000	32.38	11.69	44.07	74.00	-29.93	V	peak
11508.000	32.44	14.86	47.30	74.00	-26.70	V	peak
12312.000	32.06	15.67	47.73	74.00	-26.27	V	peak
13044.000	30.57	18.07	48.64	74.00	-25.36	V	peak
7164.000	32.93	8.02	40.95	74.00	-33.05	H	Peak
8112.000	32.89	9.59	42.48	74.00	-31.52	H	Peak
9912.000	32.14	11.73	43.87	74.00	-30.13	H	Peak
10608.000	32.07	13.86	45.93	74.00	-28.07	H	peak
11508.000	33.01	14.86	47.87	74.00	-26.13	H	peak
13104.000	30.59	18.22	48.81	74.00	-25.19	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 / 5510MHz /(CH Low)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7344.000	33.26	8.37	41.63	74.00	-32.37	V	peak
10092.000	32.49	12.27	44.76	74.00	-29.24	V	peak
10716.000	31.99	14.20	46.19	74.00	-27.81	V	peak
11136.000	32.21	15.02	47.23	74.00	-26.77	V	peak
11376.000	32.36	14.91	47.27	74.00	-26.73	V	peak
12060.000	32.24	14.84	47.08	74.00	-26.92	V	peak
8136.000	33.26	9.58	42.84	74.00	-31.16	H	Peak
9420.000	32.44	10.31	42.75	74.00	-31.25	H	Peak
10236.000	31.99	12.71	44.70	74.00	-29.30	H	Peak
10836.000	31.66	14.57	46.23	74.00	-27.77	H	peak
11136.000	32.11	15.02	47.13	74.00	-26.87	H	peak
12540.000	31.39	16.43	47.82	74.00	-26.18	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 / 5590MHz /(CH Mid)**Tested by:** Darry Wu**Ambient temperature:** 24°C**Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7416.000	33.11	8.51	41.62	74.00	-32.38	V	peak
8136.000	32.73	9.58	42.31	74.00	-31.69	V	peak
10032.000	31.94	12.08	44.02	74.00	-29.98	V	peak
11148.000	32.27	15.01	47.28	74.00	-26.72	V	peak
12312.000	31.64	15.67	47.31	74.00	-26.69	V	peak
13092.000	30.74	18.19	48.93	74.00	-25.07	V	peak
6552.000	33.74	6.97	40.71	74.00	-33.29	H	Peak
7956.000	32.47	9.56	42.03	74.00	-31.97	H	Peak
8568.000	33.33	9.34	42.67	74.00	-31.33	H	Peak
10608.000	31.91	13.86	45.77	74.00	-28.23	H	peak
11064.000	31.27	15.05	46.32	74.00	-27.68	H	peak
13212.000	30.38	18.51	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 802.11n HT 40 MHz / 5670MHz /(CH High)    **Tested by:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7452.000	33.12	8.58	41.70	74.00	-32.30	V	peak
8076.000	32.69	9.61	42.30	74.00	-31.70	V	peak
8340.000	32.70	9.46	42.16	74.00	-31.84	V	peak
10500.000	31.73	13.53	45.26	74.00	-28.74	V	peak
11136.000	32.31	15.02	47.33	74.00	-26.67	V	peak
13260.000	30.41	18.63	49.04	74.00	-24.96	V	peak
6564.000	33.61	6.99	40.60	74.00	-33.40	H	Peak
7716.000	33.07	9.10	42.17	74.00	-31.83	H	Peak
7956.000	32.78	9.56	42.34	74.00	-31.66	H	Peak
10140.000	32.22	12.41	44.63	74.00	-29.37	H	peak
10608.000	32.27	13.86	46.13	74.00	-27.87	H	peak
11160.000	32.83	15.01	47.84	74.00	-26.16	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:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6756.000	32.89	7.30	40.19	74.00	-33.81	V	peak
7668.000	33.60	9.00	42.60	74.00	-31.40	V	peak
8160.000	32.60	9.56	42.16	74.00	-31.84	V	peak
10320.000	31.81	12.97	44.78	74.00	-29.22	V	peak
11244.000	32.32	14.97	47.29	74.00	-26.71	V	peak
12828.000	30.77	17.38	48.15	74.00	-25.85	V	peak
6852.000	33.03	7.46	40.49	74.00	-33.51	H	Peak
7716.000	33.19	9.10	42.29	74.00	-31.71	H	Peak
8136.000	32.87	9.58	42.45	74.00	-31.55	H	Peak
10728.000	31.85	14.24	46.09	74.00	-27.91	H	peak
11268.000	32.10	14.96	47.06	74.00	-26.94	H	peak
13248.000	30.42	18.60	49.02	74.00	-24.98	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:** Darry Wu  
**Ambient temperature:** 24°C    **Relative humidity:** 52% RH    **Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6360.000	33.86	6.66	40.52	74.00	-33.48	V	peak
7728.000	33.18	9.12	42.30	74.00	-31.70	V	peak
10356.000	31.74	13.08	44.82	74.00	-29.18	V	peak
10692.000	31.88	14.13	46.01	74.00	-27.99	V	peak
11268.000	32.66	14.96	47.62	74.00	-26.38	V	peak
13116.000	30.83	18.26	49.09	74.00	-24.91	V	peak
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7620.000	32.65	8.91	41.56	74.00	-32.44	H	Peak
8184.000	33.12	9.55	42.67	74.00	-31.33	H	Peak
10128.000	32.21	12.38	44.59	74.00	-29.41	H	Peak
10716.000	31.60	14.20	45.80	74.00	-28.20	H	peak
11172.000	32.30	15.00	47.30	74.00	-26.70	H	peak
12564.000	31.42	16.51	47.93	74.00	-26.07	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 + Antenna 1 + Antenna 2****Test Mode:** TX / IEEE 802.11ac 80 / 5210MHz /(CH Low)**Tested by:** Darry Wu**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6948.000	33.34	7.62	40.96	74.00	-33.04	V	peak
8364.000	32.83	9.45	42.28	74.00	-31.72	V	peak
10572.000	31.80	13.75	45.55	74.00	-28.45	V	peak
11136.000	32.42	15.02	47.44	74.00	-26.56	V	peak
12396.000	31.52	15.95	47.47	74.00	-26.53	V	peak
13188.000	30.49	18.44	48.93	74.00	-25.07	V	peak
7116.000	32.93	7.93	40.86	74.00	-33.14	H	Peak
8124.000	32.65	9.58	42.23	74.00	-31.77	H	Peak
8424.000	32.93	9.42	42.35	74.00	-31.65	H	Peak
11184.000	32.13	15.00	47.13	74.00	-26.87	H	peak
11952.000	31.97	14.66	46.63	74.00	-27.37	H	peak
12504.000	31.87	16.31	48.18	74.00	-25.82	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 802.11ac 80 / 5290MHz /(CH High)**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Tested by:** Darry Wu**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
7056.000	33.52	7.81	41.33	74.00	-32.67	V	peak
8124.000	33.05	9.58	42.63	74.00	-31.37	V	peak
9936.000	31.97	11.80	43.77	74.00	-30.23	V	peak
10596.000	31.88	13.83	45.71	74.00	-28.29	V	peak
11328.000	32.18	14.94	47.12	74.00	-26.88	V	peak
13308.000	29.69	18.76	48.45	74.00	-25.55	V	peak
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7284.000	32.22	8.25	40.47	74.00	-33.53	H	Peak
8184.000	32.73	9.55	42.28	74.00	-31.72	H	Peak
9936.000	32.07	11.80	43.87	74.00	-30.13	H	Peak
11136.000	32.04	15.02	47.06	74.00	-26.94	H	peak
11460.000	32.35	14.88	47.23	74.00	-26.77	H	peak
12624.000	30.94	16.71	47.65	74.00	-26.35	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 802.11ac 80 / 5530MHz**Tested by:** Darry Wu**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6708.000	33.72	7.23	40.95	74.00	-33.05	V	peak
7320.000	32.84	8.32	41.16	74.00	-32.84	V	peak
7932.000	32.72	9.52	42.24	74.00	-31.76	V	peak
9012.000	33.07	9.13	42.20	74.00	-31.80	V	peak
10716.000	31.52	14.20	45.72	74.00	-28.28	V	peak
11148.000	32.25	15.01	47.26	74.00	-26.74	V	peak
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6396.000	33.10	6.72	39.82	74.00	-34.18	H	Peak
7392.000	32.97	8.46	41.43	74.00	-32.57	H	Peak
8340.000	32.69	9.46	42.15	74.00	-31.85	H	Peak
10128.000	31.78	12.38	44.16	74.00	-29.84	H	peak
11304.000	32.74	14.95	47.69	74.00	-26.31	H	peak
12564.000	31.55	16.51	48.06	74.00	-25.94	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 802.11ac 80 / 5775MHz**Tested by:** Darry Wu**Ambient temperature:** 24°C    **Relative humidity:** 52% RH**Date:** March 18, 2017

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
6540.000	33.51	6.95	40.46	74.00	-33.54	V	peak
7704.000	33.57	9.07	42.64	74.00	-31.36	V	peak
8172.000	32.78	9.56	42.34	74.00	-31.66	V	peak
9912.000	31.93	11.73	43.66	74.00	-30.34	V	peak
11136.000	32.11	15.02	47.13	74.00	-26.87	V	peak
13188.000	30.40	18.44	48.84	74.00	-25.16	V	peak
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7224.000	32.29	8.14	40.43	74.00	-33.57	H	Peak
7656.000	33.32	8.98	42.30	74.00	-31.70	H	Peak
8076.000	33.41	9.61	43.02	74.00	-30.98	H	Peak
11184.000	32.16	15.00	47.16	74.00	-26.84	H	peak
12612.000	31.21	16.67	47.88	74.00	-26.12	H	peak
13068.000	30.49	18.13	48.62	74.00	-25.38	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),

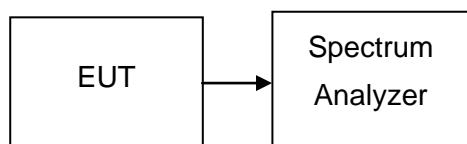
- (1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- (2) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
- (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	02/21/2017	02/20/2018

*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 1MHz. The video bandwidth is set to 3MHz. Peak detection measurements are compared to the average EIRP limit, adjusted for the maximum antenna gain. If necessary, additional average detection measurements are made.

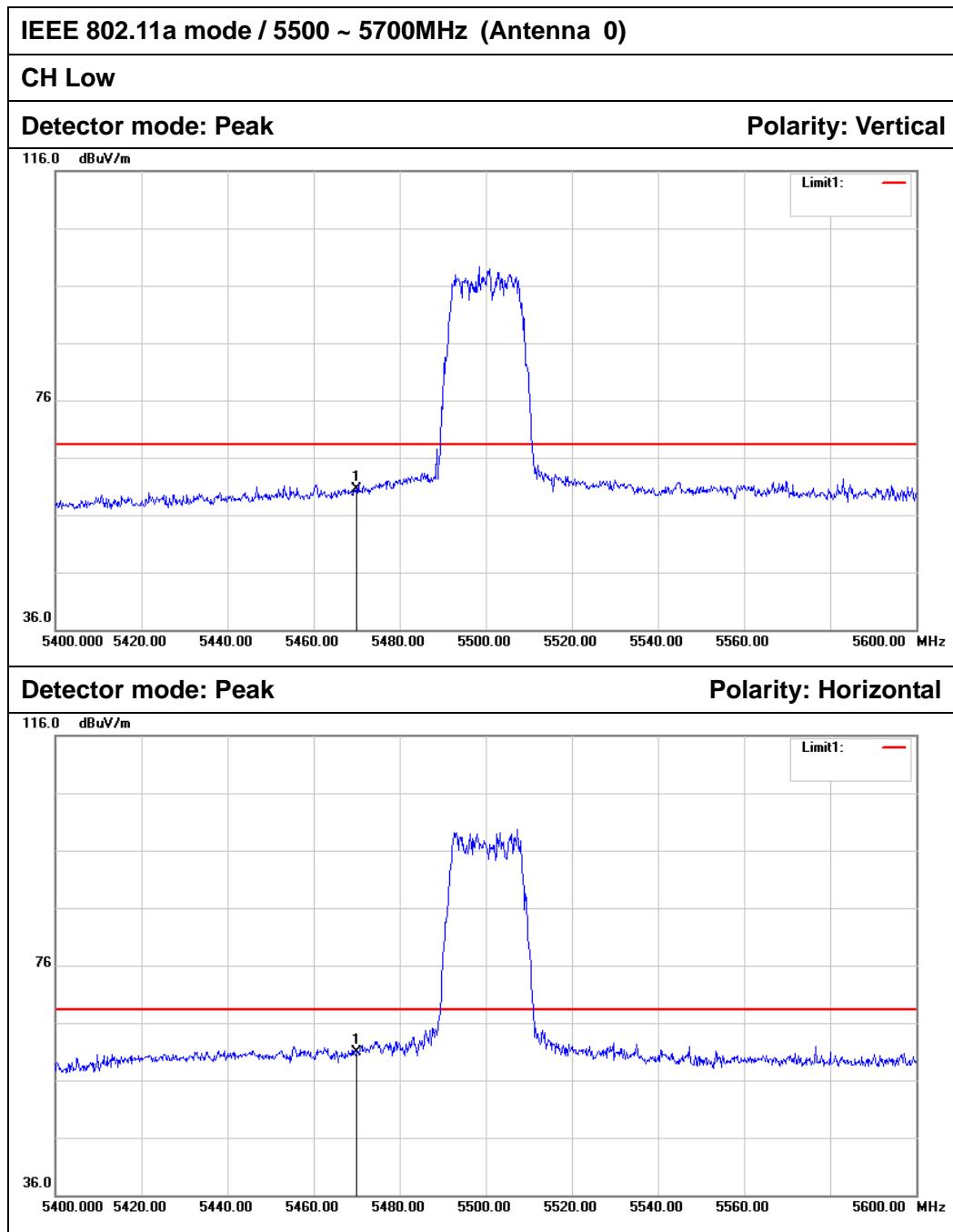
Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels.



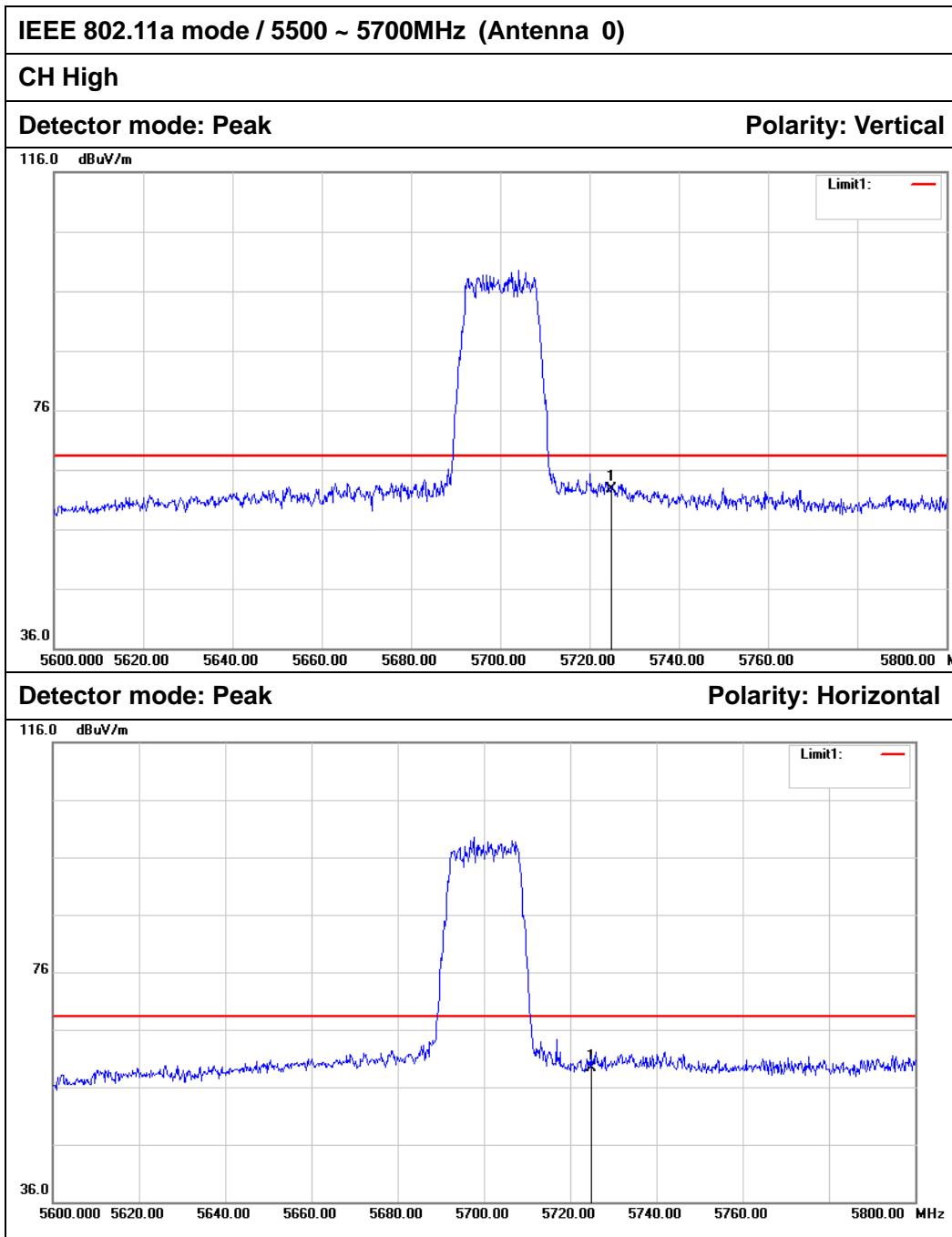
### 6.8.5 TEST RESULTS

No non-compliance noted

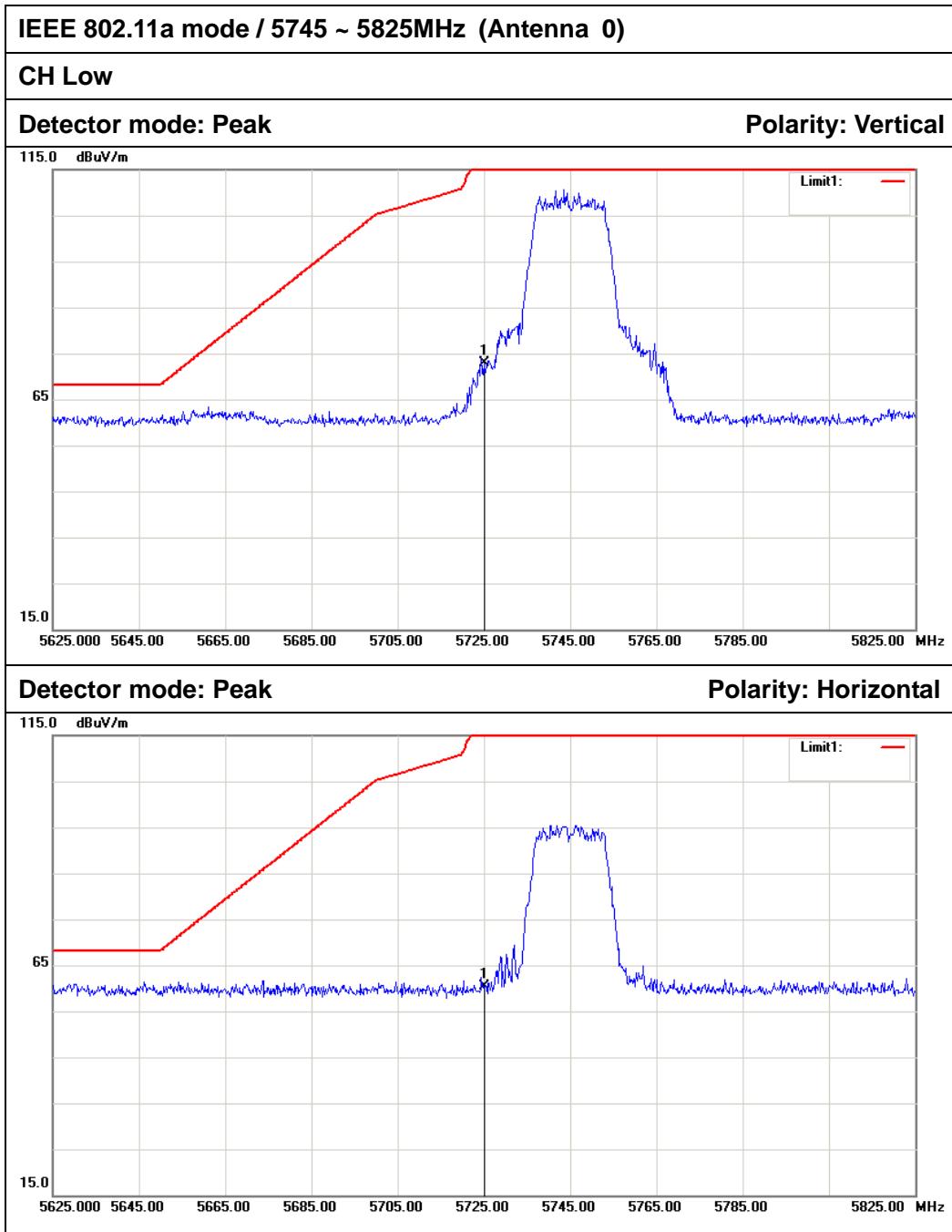
#### Test Plot



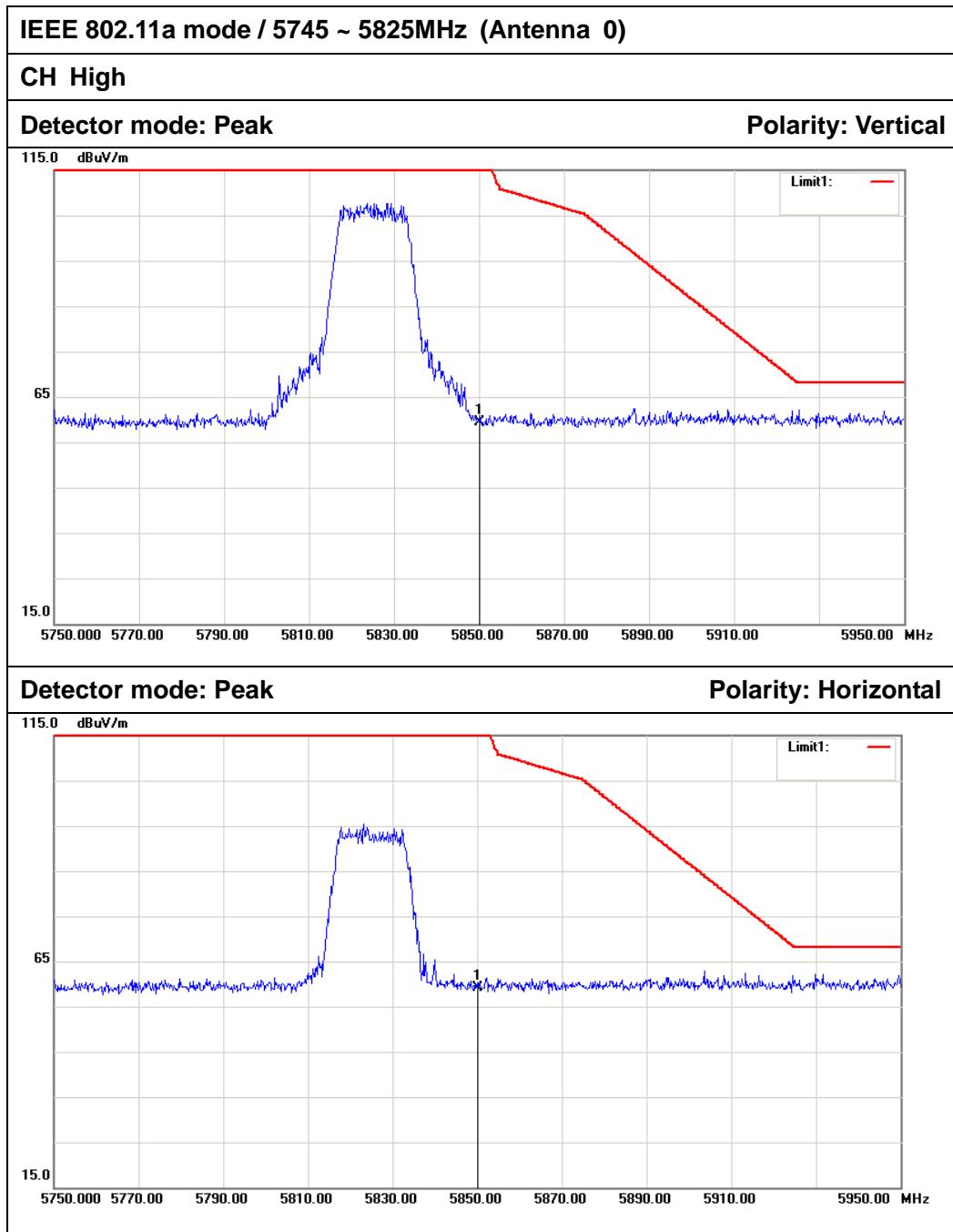
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	54.69	5.82	60.51	68.20	-7.69	Peak	Vertical
1	5470.000	55.06	5.82	60.88	68.20	-7.32	Peak	Horizontal



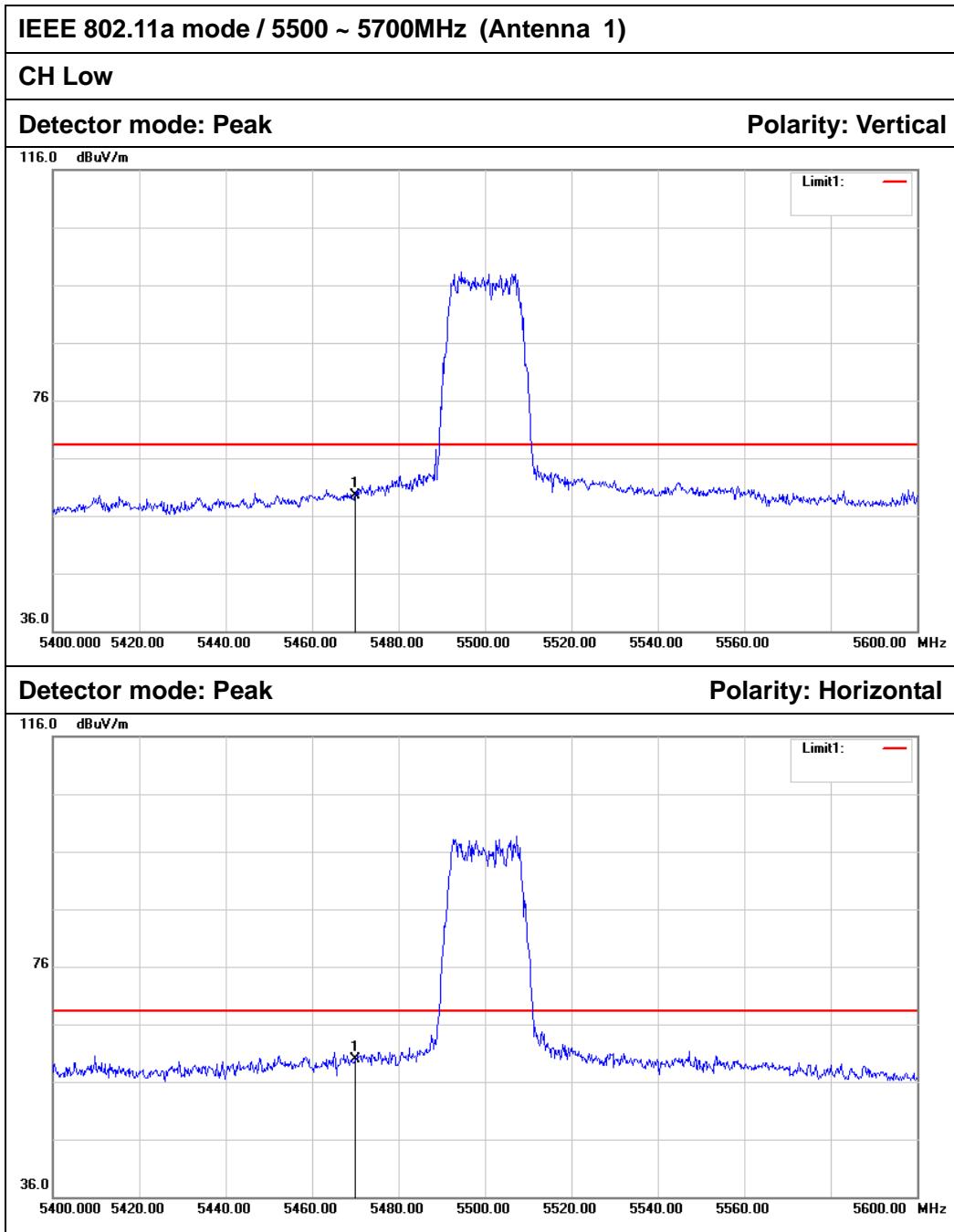
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	56.78	5.96	62.74	68.20	-5.46	Peak	Vertical
1	5725.000	53.39	5.96	59.35	68.20	-8.85	Peak	Horizontal



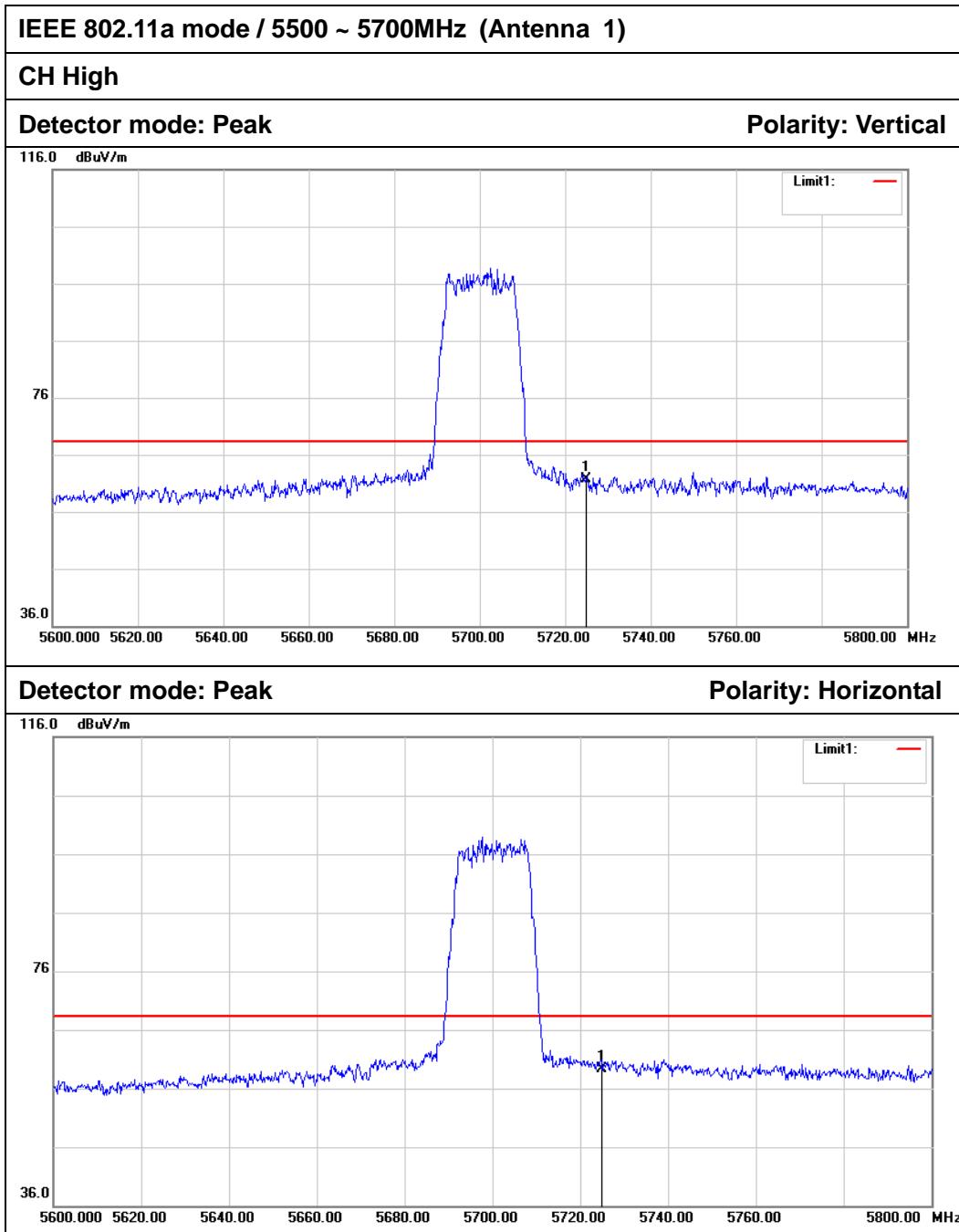
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	66.81	5.96	72.77	122.20	-49.43	Peak	Vertical
1	5725.000	54.50	5.96	60.46	122.20	-61.74	Peak	Horizontal



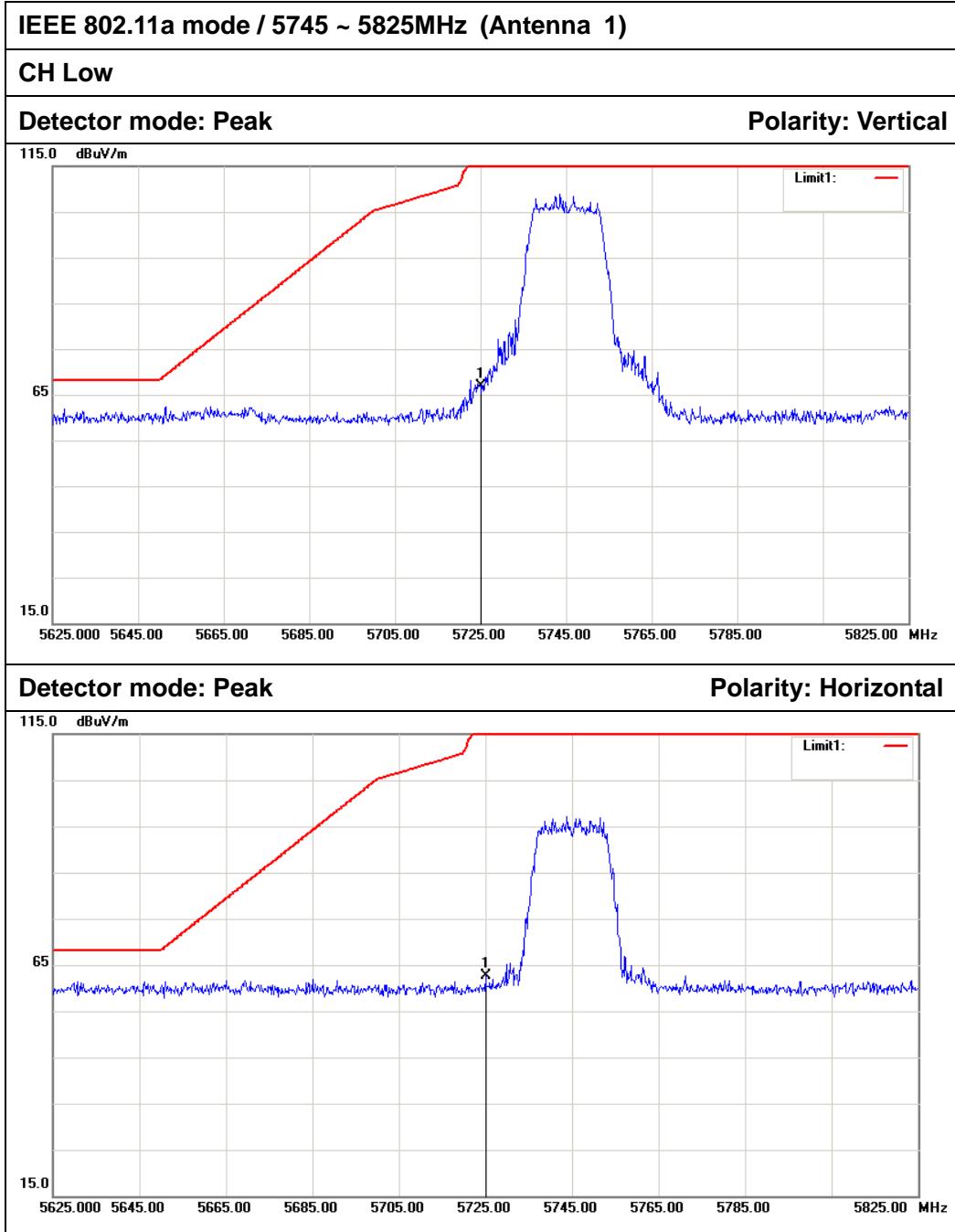
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	53.48	6.02	59.50	122.20	-62.70	Peak	Vertical
1	5850.000	53.13	6.02	59.15	122.20	-63.05	Peak	Horizontal



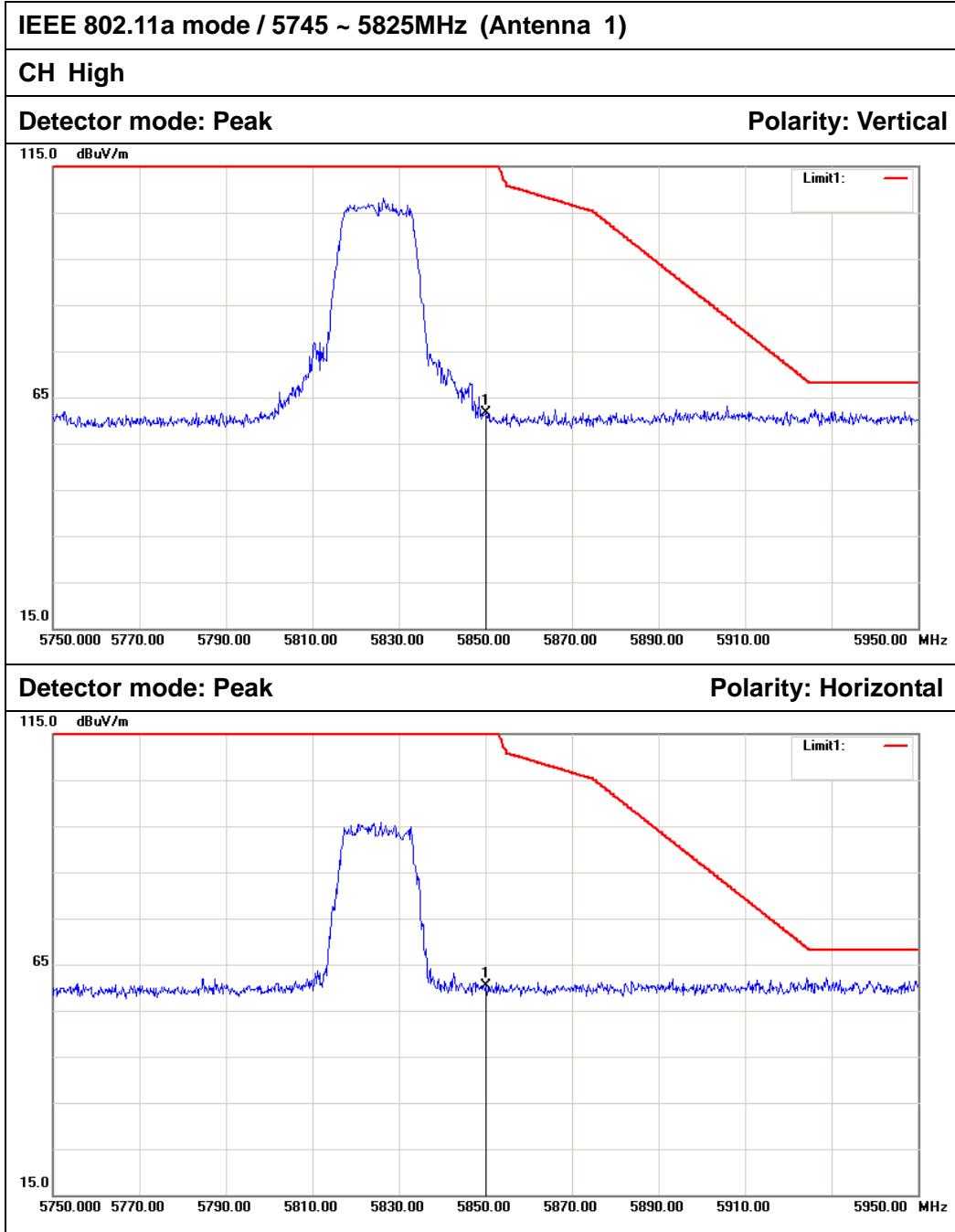
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	53.69	5.82	59.51	68.20	-8.69	Peak	Vertical
1	5470.000	54.06	5.82	59.88	68.20	-8.32	Peak	Horizontal



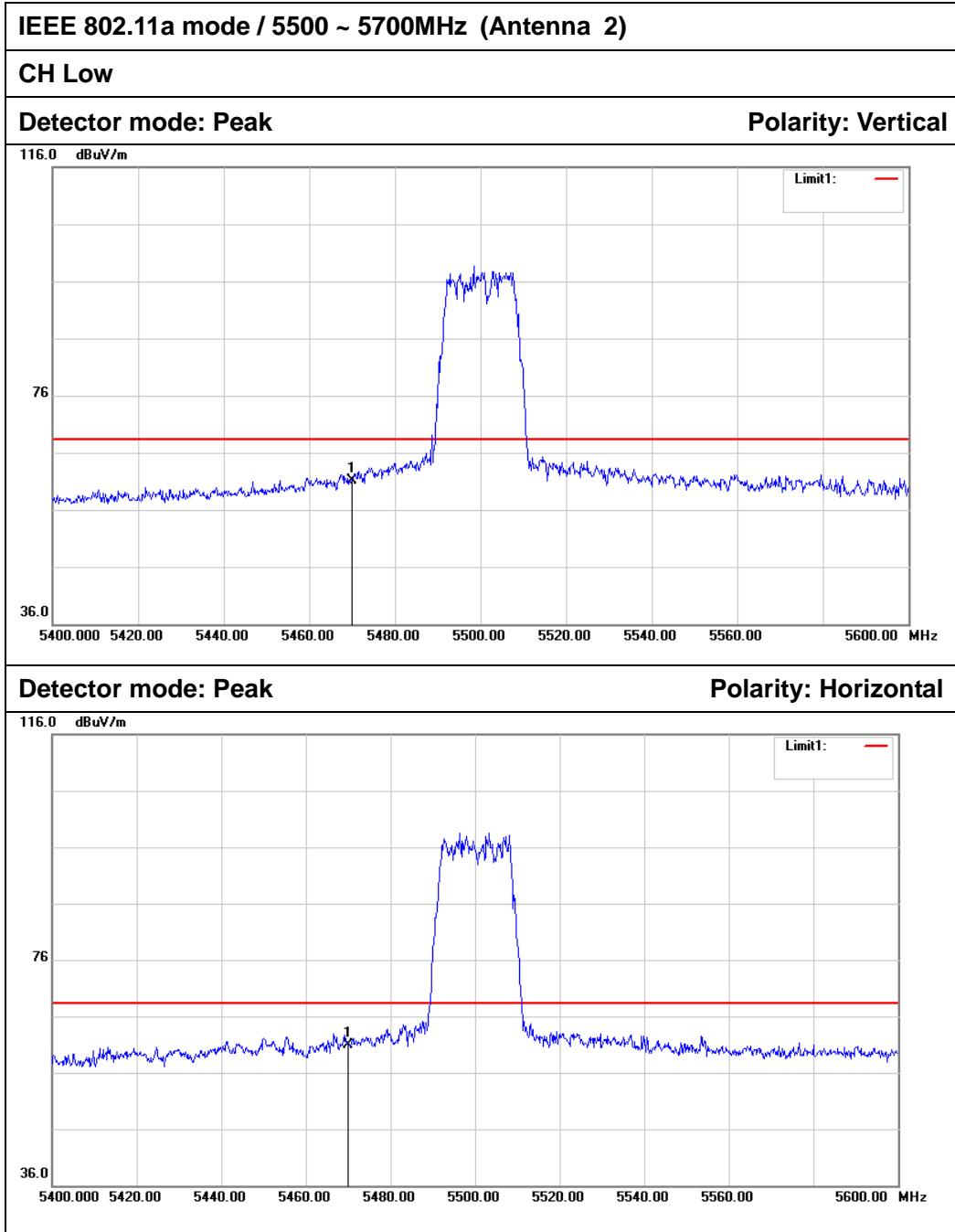
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	55.78	5.96	61.74	68.20	-6.46	Peak	Vertical
1	5725.000	53.39	5.96	59.35	68.20	-8.85	Peak	Horizontal



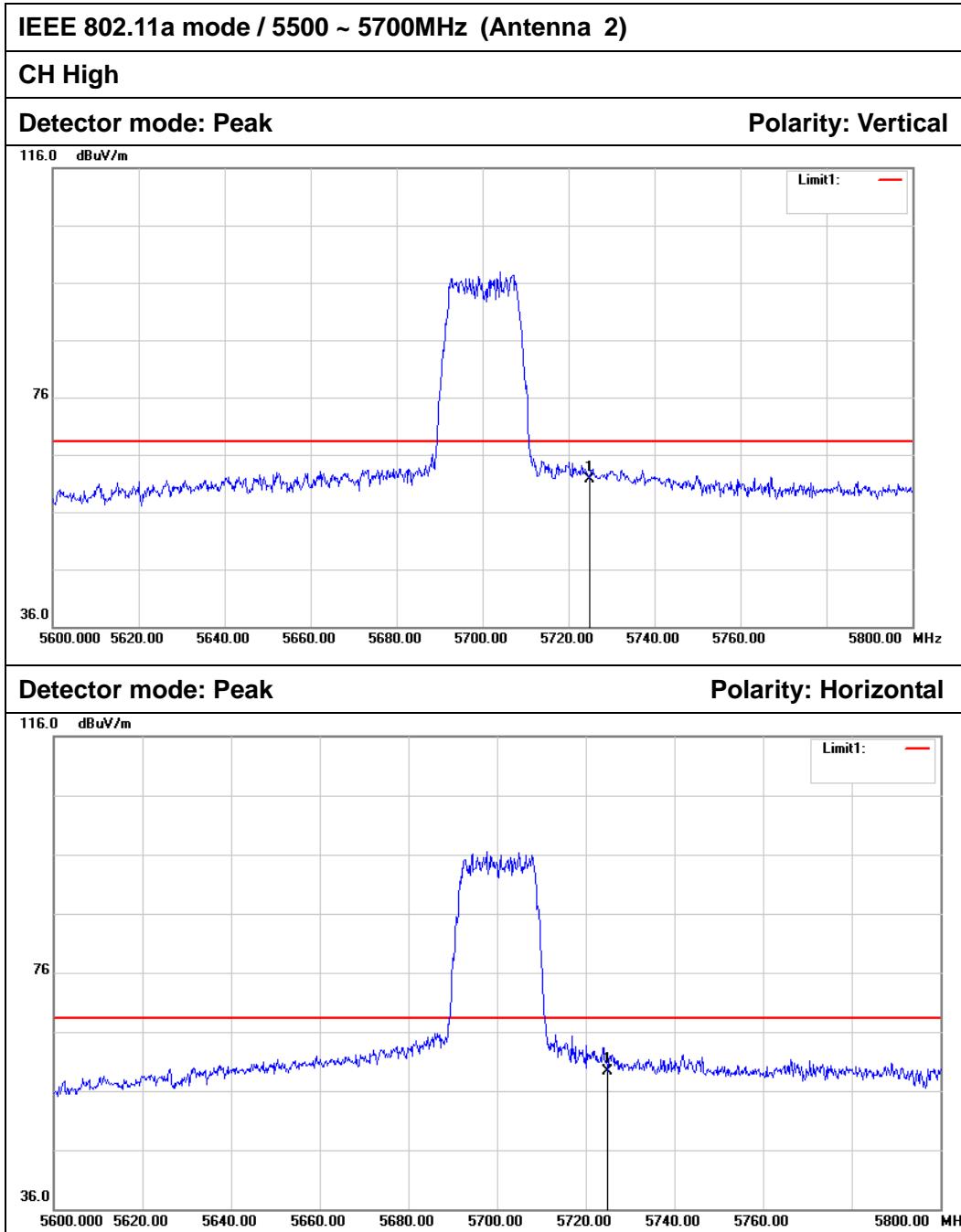
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	60.96	5.96	66.92	122.20	-55.28	Peak	Vertical
1	5725.000	56.68	5.96	62.64	122.20	-59.56	Peak	Horizontal



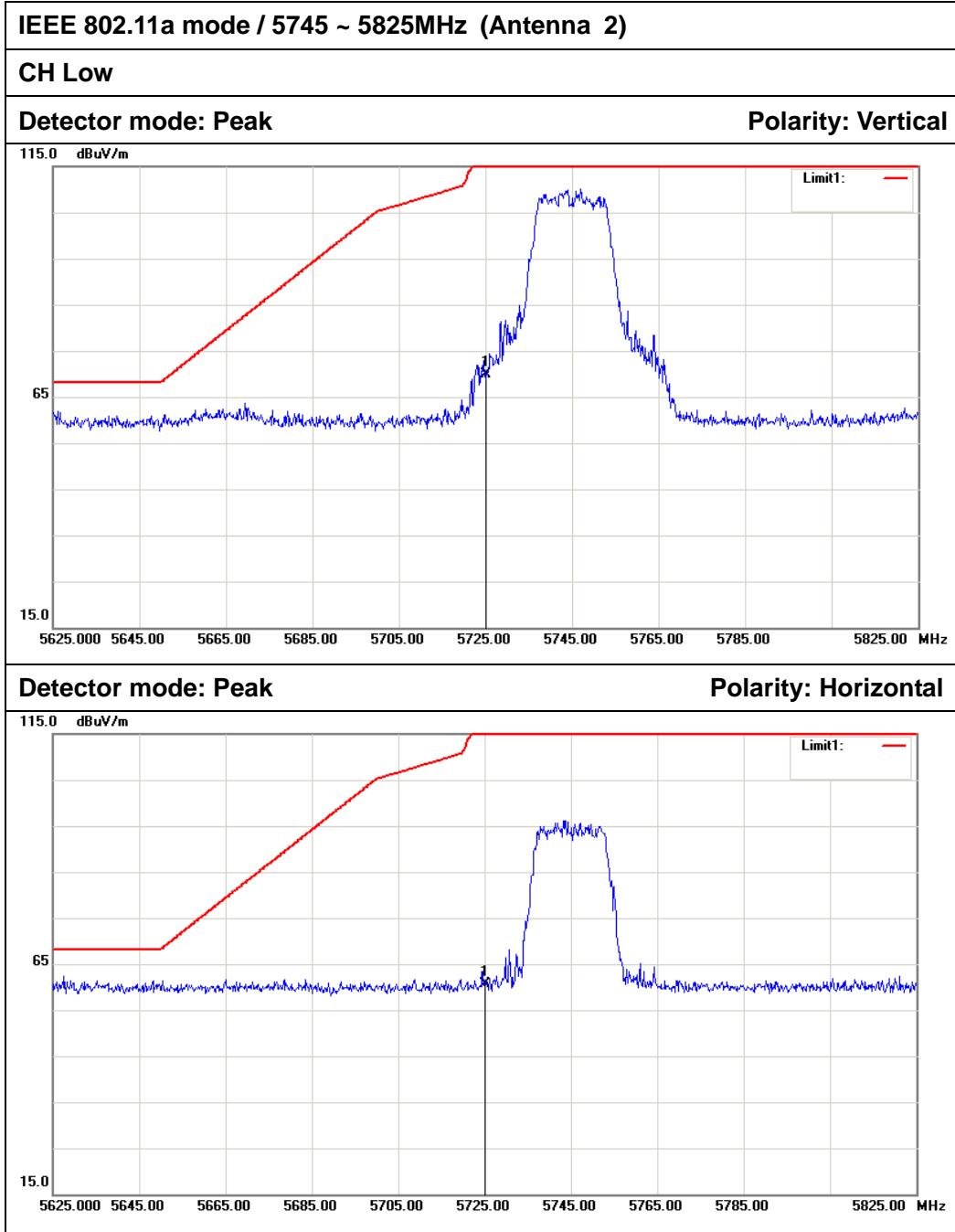
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	55.58	6.02	61.60	122.20	-60.60	Peak	Vertical
1	5850.000	54.43	6.02	60.45	122.20	-61.75	Peak	Horizontal



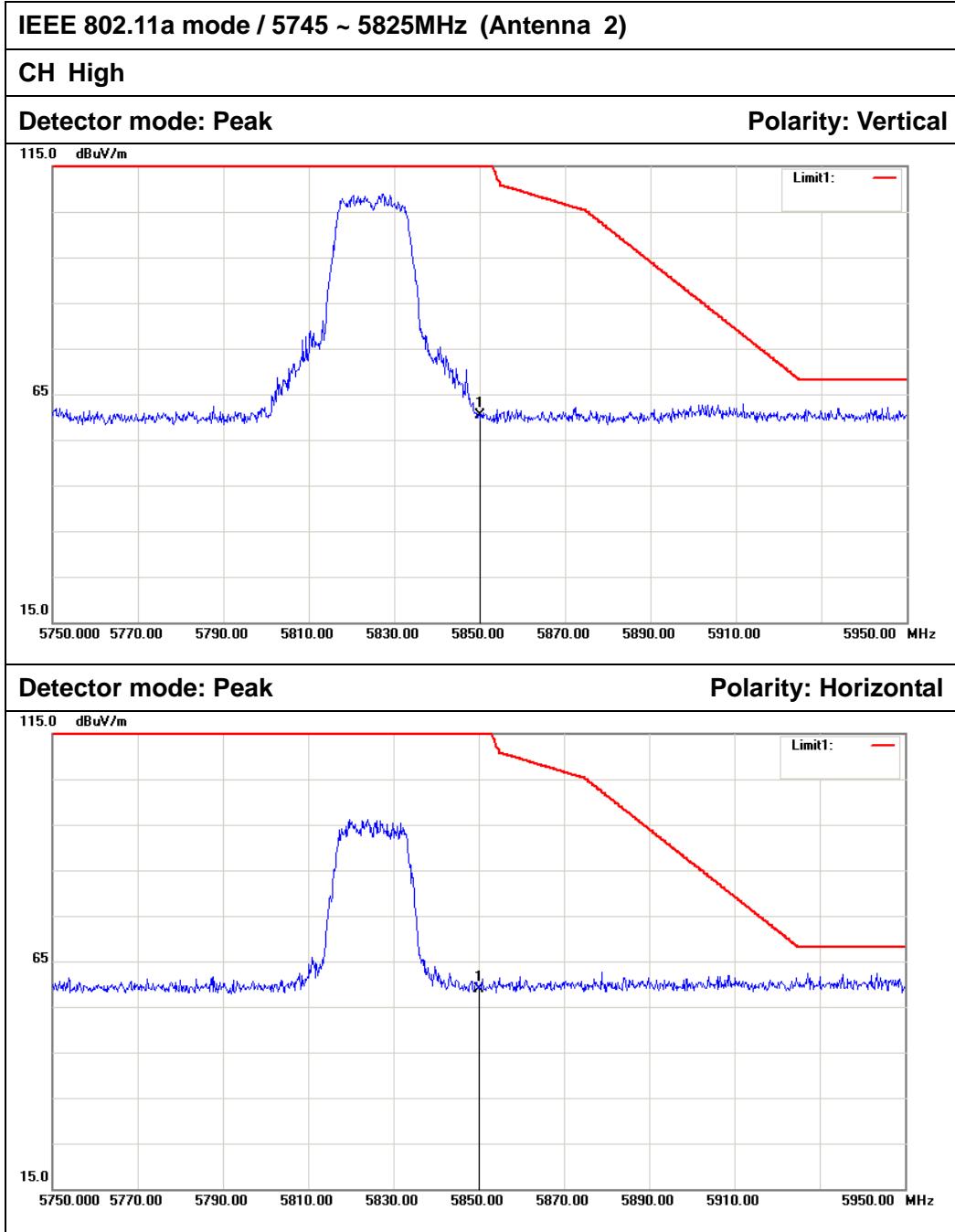
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	55.19	5.82	61.01	68.20	-7.19	Peak	Vertical
1	5470.000	55.06	5.82	60.88	68.20	-7.32	Peak	Horizontal



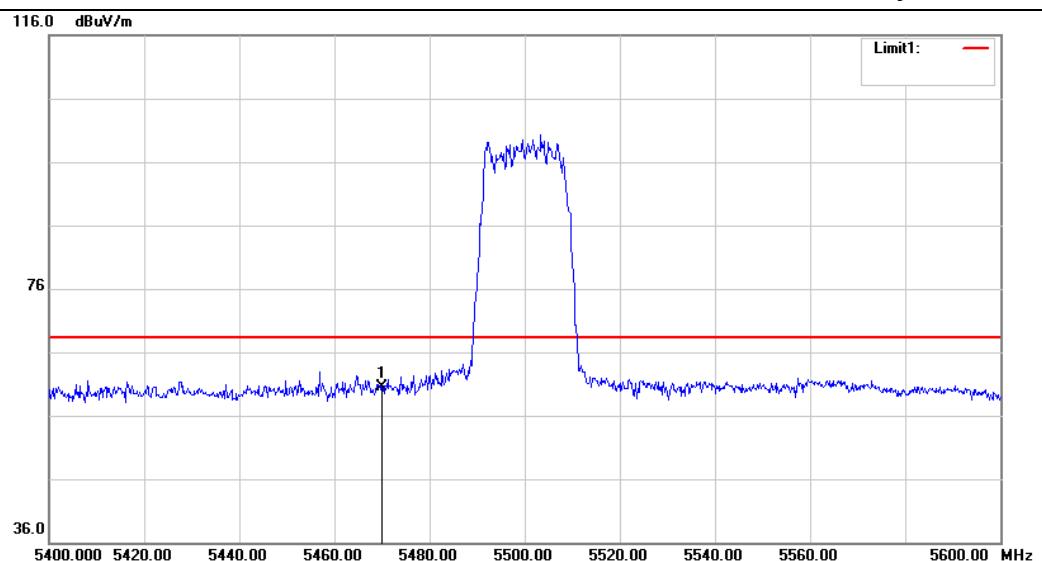
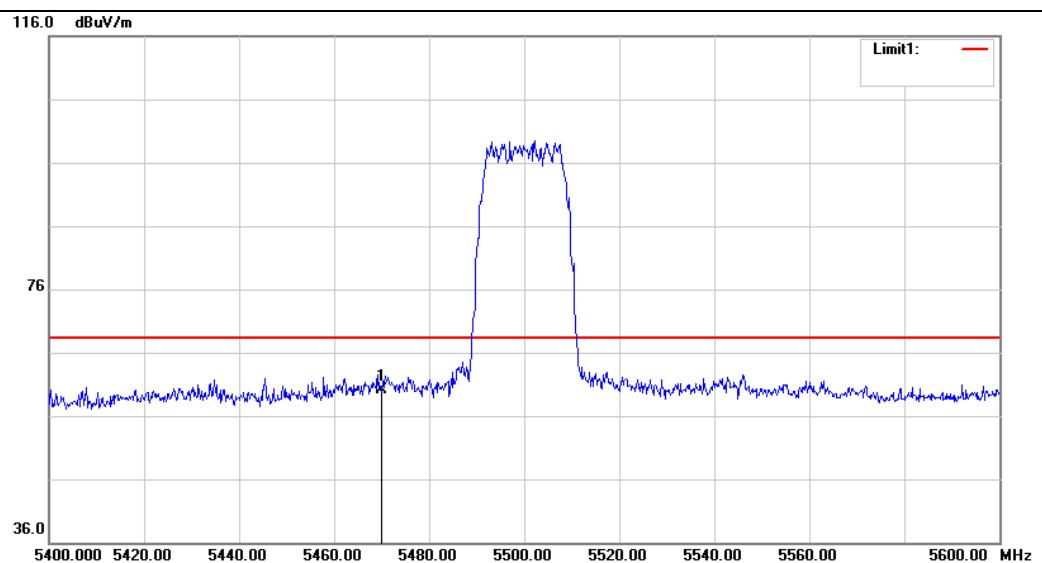
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	55.78	5.96	61.74	68.20	-6.46	Peak	Vertical
1	5725.000	53.39	5.96	59.35	68.20	-8.85	Peak	Horizontal



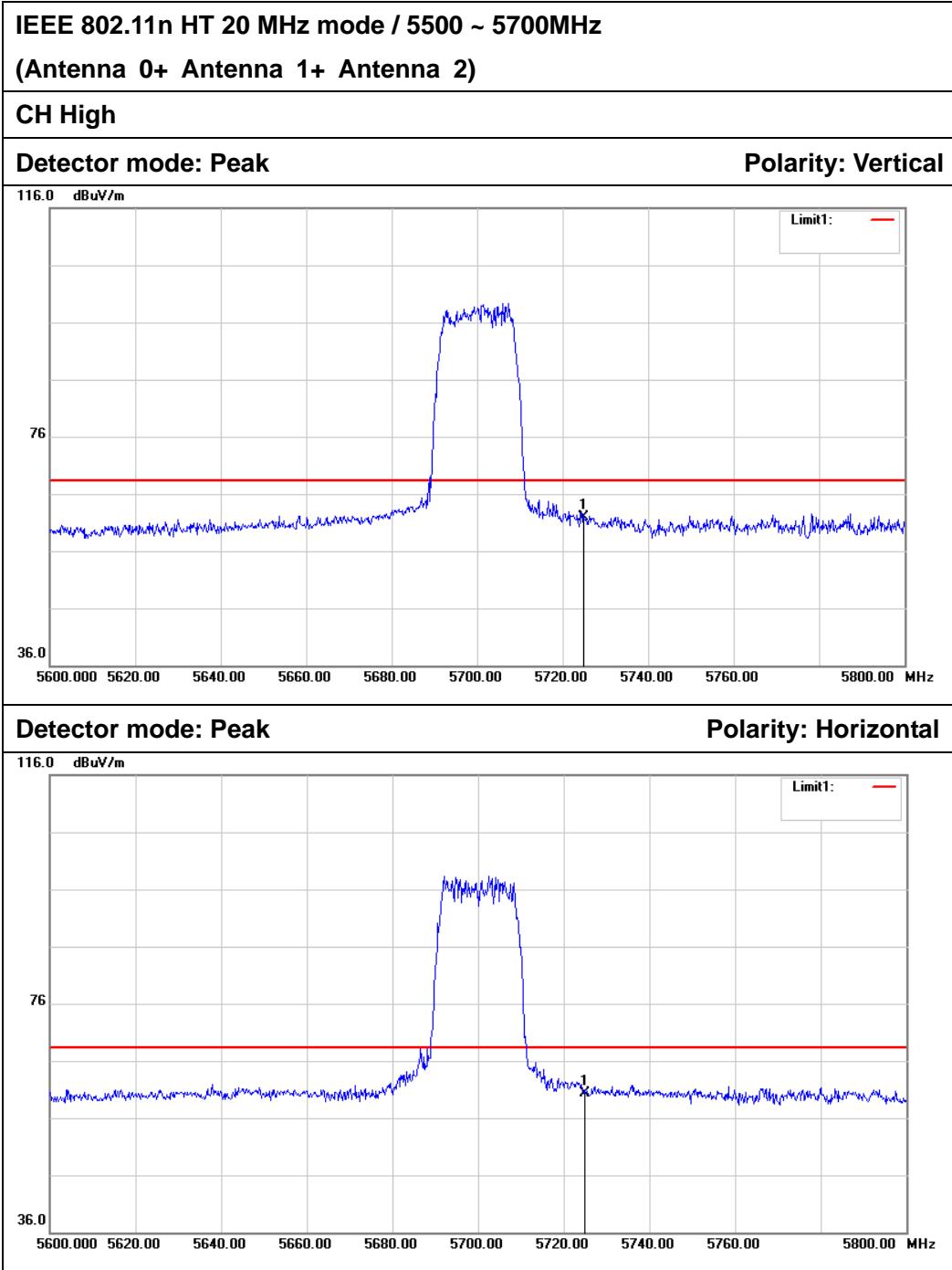
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	63.82	5.96	69.78	122.20	-52.42	Peak	Vertical
1	5725.000	54.55	5.96	60.51	122.20	-61.69	Peak	Horizontal



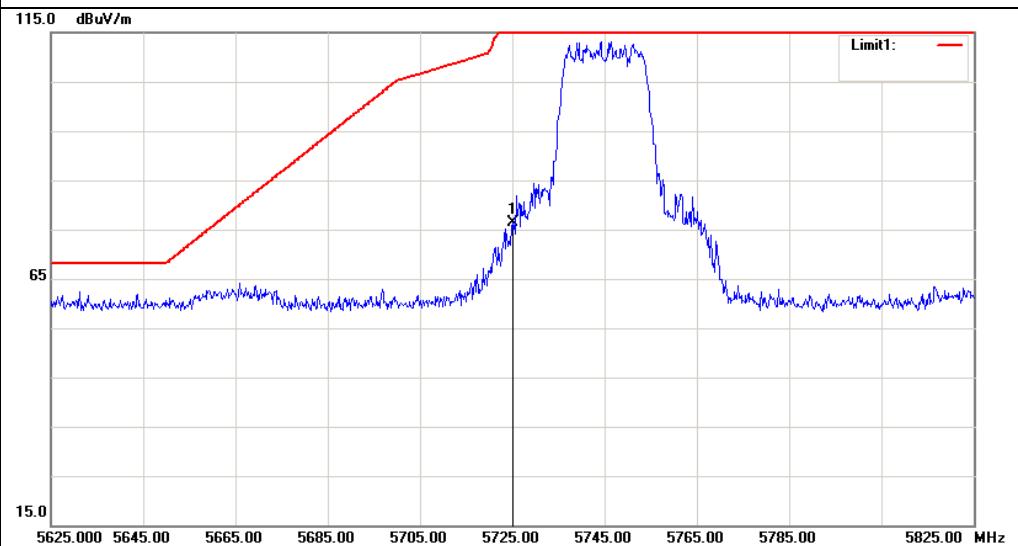
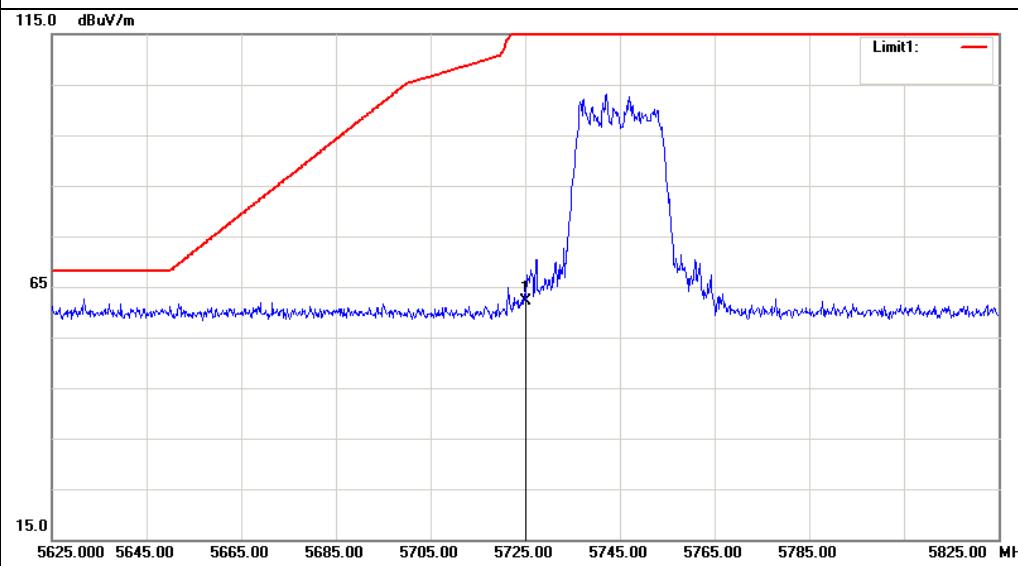
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	54.27	6.02	60.29	122.20	-61.91	Peak	Vertical
1	5850.000	52.94	6.02	58.96	122.20	-63.24	Peak	Horizontal

**IEEE 802.11n HT 20 MHz mode / 5500 ~ 5700MHz****(Antenna 0+ Antenna 1+ Antenna 2)****CH Low****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	54.59	5.82	60.41	68.20	-7.79	Peak	Vertical
1	5470.000	54.36	5.82	60.18	68.20	-8.02	Peak	Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	55.96	5.96	61.92	68.20	-6.28	Peak	Vertical
1	5725.000	54.26	5.96	60.22	68.20	-7.98	Peak	Horizontal

**IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz****(Antenna 0+ Antenna 1+ Antenna 2)****CH Low****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	70.50	5.96	76.46	122.20	-45.74	Peak	Vertical
1	5725.000	56.12	5.96	62.08	122.20	-60.12	Peak	Horizontal



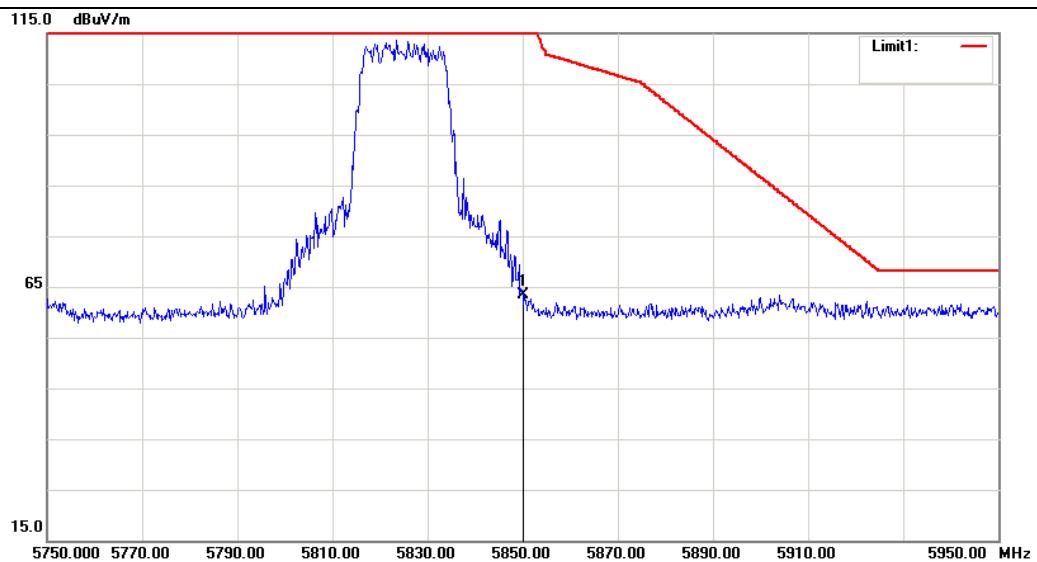
## IEEE 802.11n HT 20 MHz mode / 5745 ~ 5825MHz

(Antenna 0+ Antenna 1+ Antenna 2)

CH High

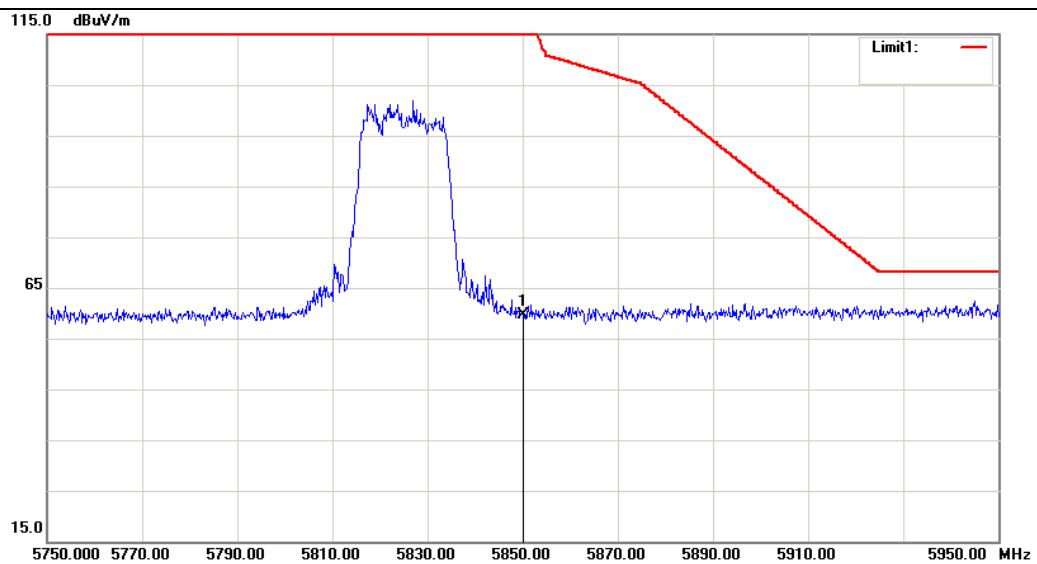
Detector mode: Peak

Polarity: Vertical



Detector mode: Peak

Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	57.47	6.02	63.49	122.20	-58.71	Peak	Vertical
1	5850.000	53.56	6.02	59.58	122.20	-62.62	Peak	Horizontal

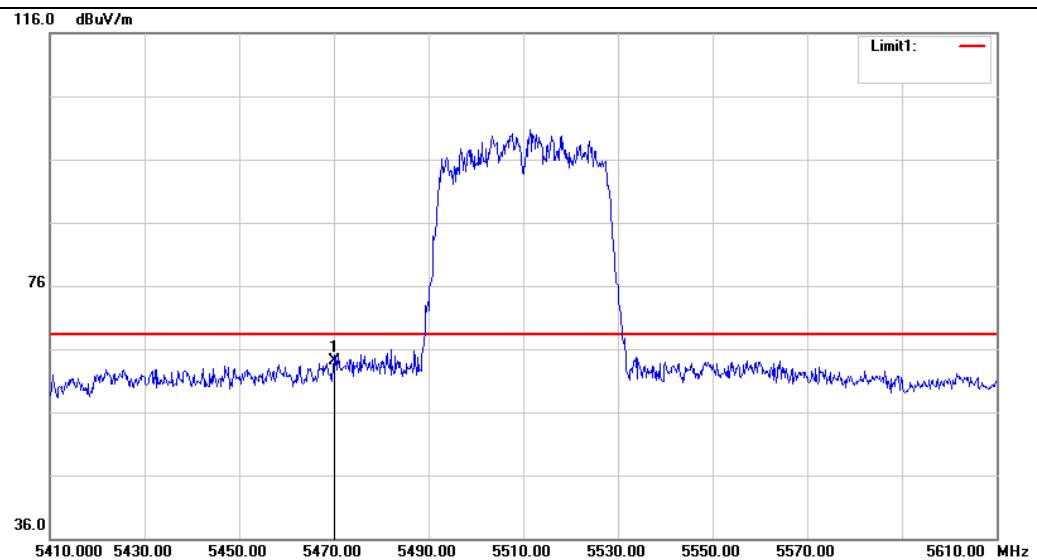


**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz  
(Antenna 0+ Antenna 1+ Antenna 2)**

**CH Low**

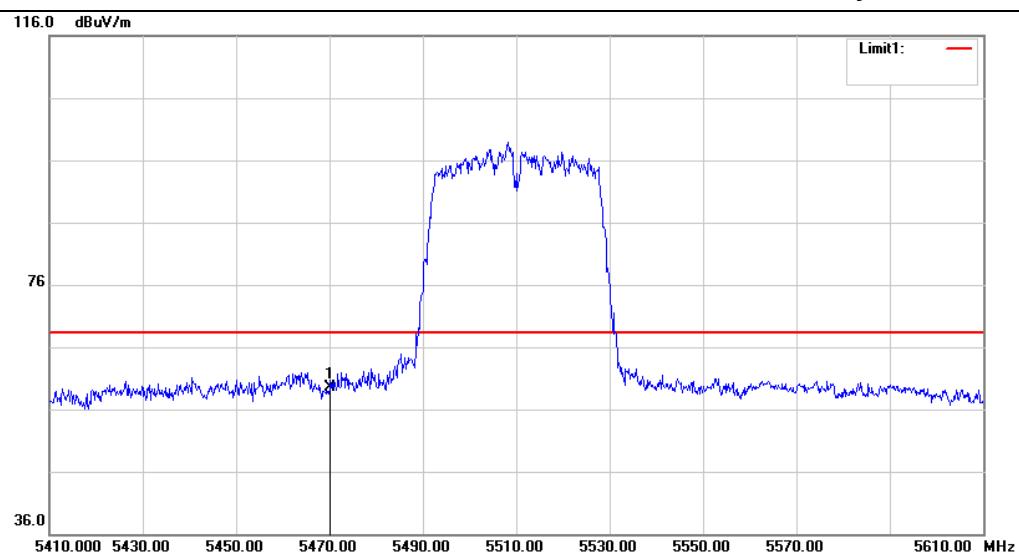
**Detector mode: Peak**

**Polarity: Vertical**

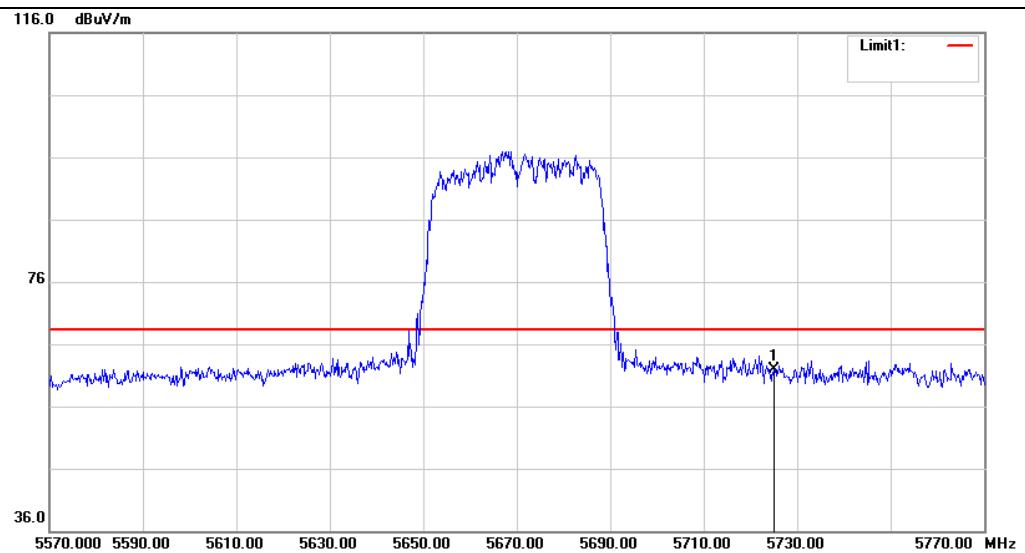
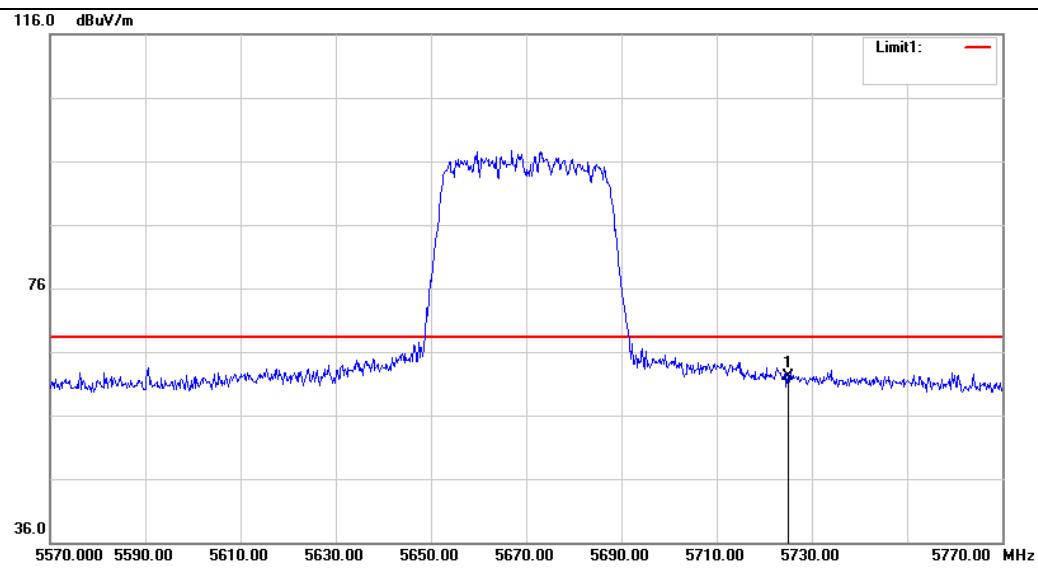


**Detector mode: Peak**

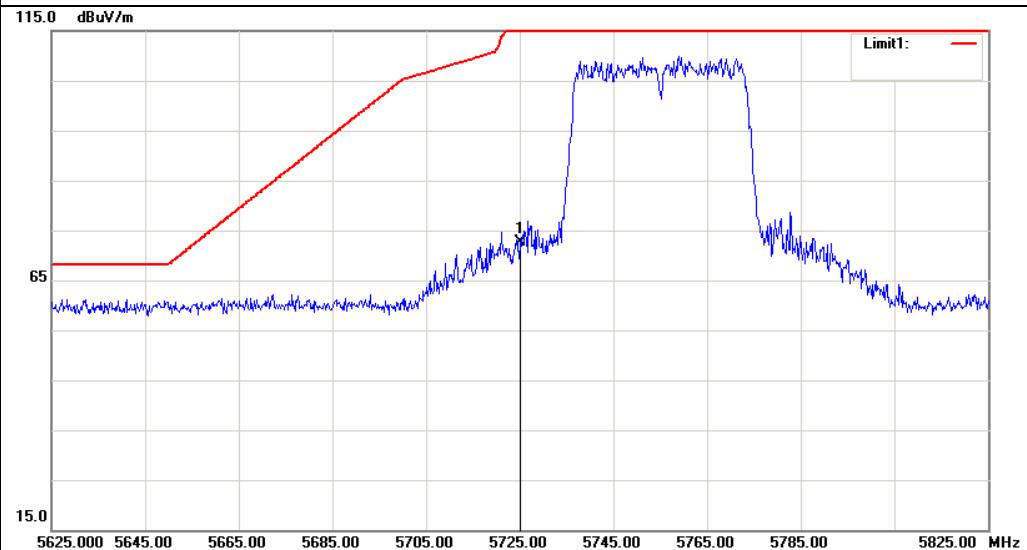
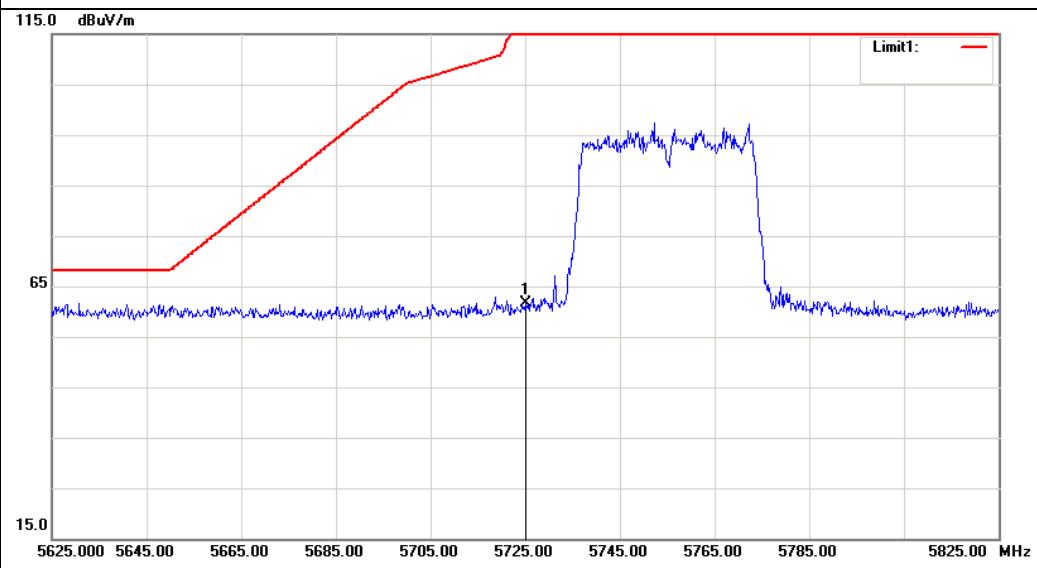
**Polarity: Horizontal**



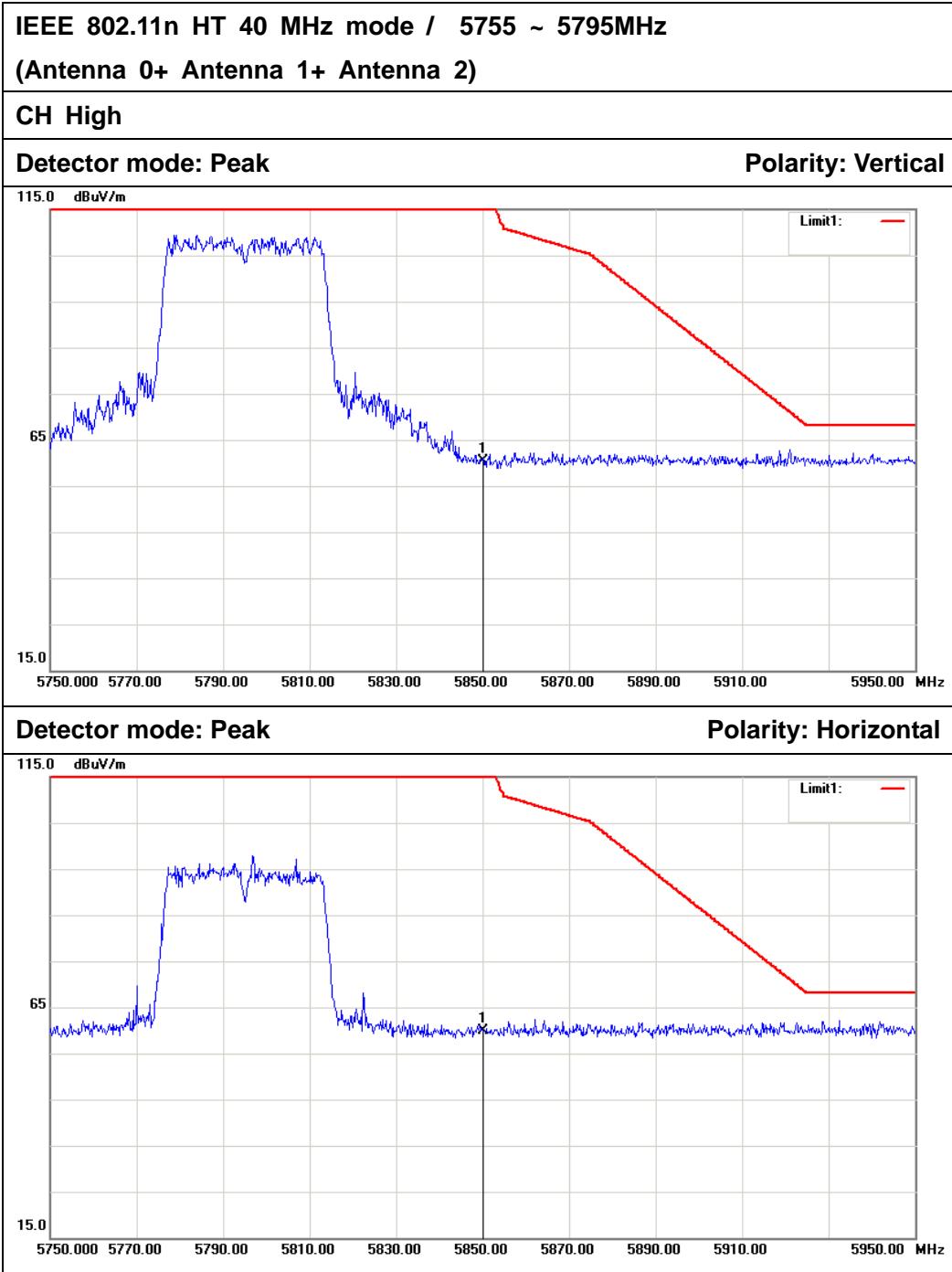
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	58.20	5.82	64.02	68.20	-4.18	Peak	Vertical
1	5470.000	53.59	5.82	59.41	68.20	-8.79	Peak	Horizontal

**IEEE 802.11n HT 40 MHz mode / 5510 ~ 5670MHz****(Antenna 0+ Antenna 1+ Antenna 2)****CH High****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

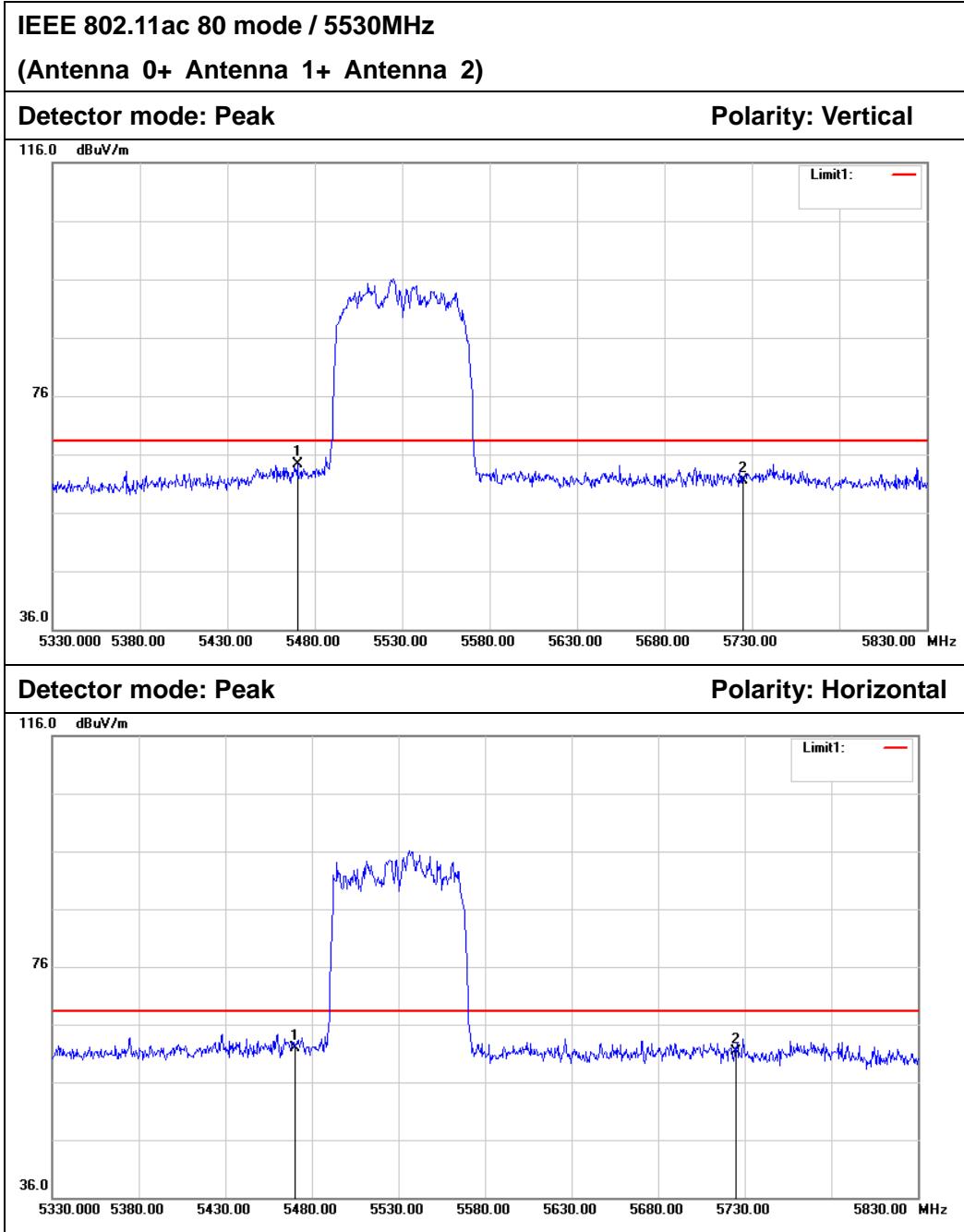
No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	56.03	5.96	61.99	68.20	-6.21	Peak	Vertical
1	5725.000	56.24	5.96	62.20	68.20	-6.00	Peak	Horizontal

**IEEE 802.11n HT 40 MHz mode / 5755 ~ 5795MHz****(Antenna 0+ Antenna 1+ Antenna 2)****CH Low****Detector mode: Peak****Polarity: Vertical****Detector mode: Peak****Polarity: Horizontal**

No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	66.56	5.96	72.52	122.20	-49.68	Peak	Vertical
1	5725.000	55.77	5.96	61.73	122.20	-60.47	Peak	Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5850.000	54.43	6.02	60.45	122.20	-61.75	Peak	Vertical
1	5850.000	53.89	6.02	59.91	122.20	-62.29	Peak	Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5470.000	58.42	5.82	64.24	68.20	-3.96	Peak	Vertical
2	5725.000	55.46	5.96	61.42	68.20	-6.78	Peak	Vertical
1	5470.000	56.04	5.82	61.86	68.20	-6.34	Peak	Horizontal
2	5725.000	55.41	5.96	61.37	68.20	-6.83	Peak	Horizontal

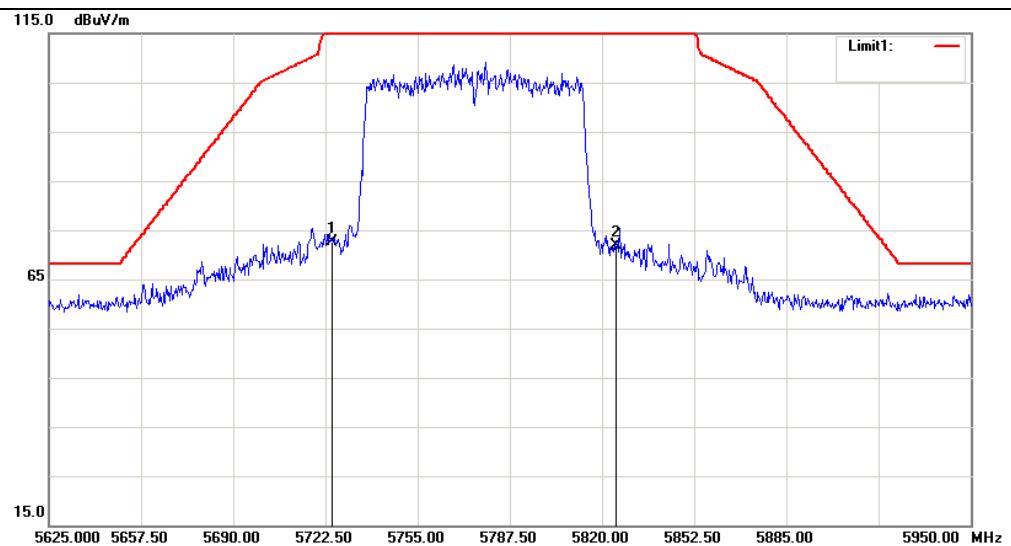


## IEEE 802.11ac 80 mode / 5775MHz

(Antenna 0+ Antenna 1+ Antenna 2)

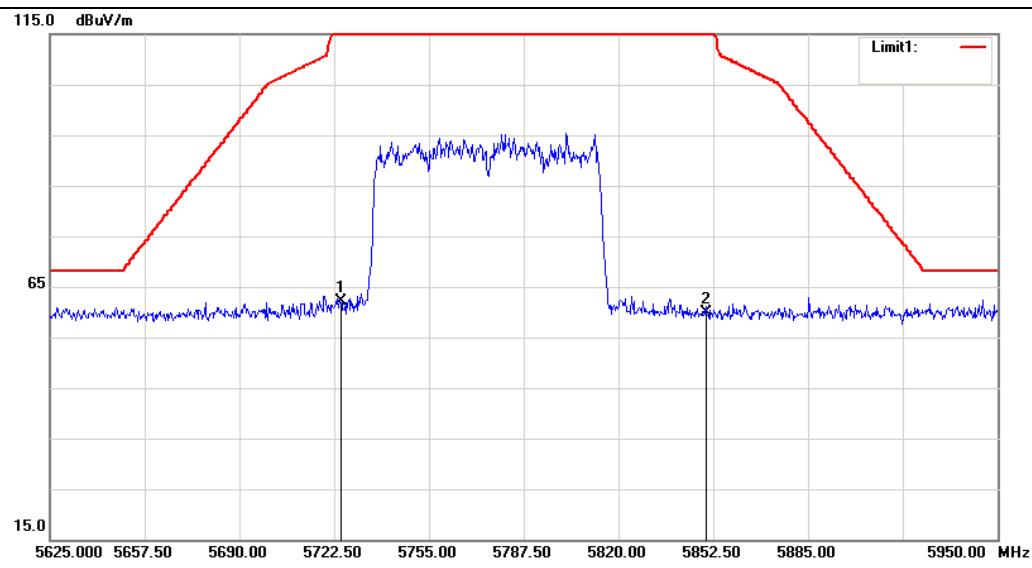
Detector mode: Peak

Polarity: Vertical



Detector mode: Peak

Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB)	Factor (dB/m)	Result (dB/m)	Limit (dB/m)	Margin (dB)	Remark	Antenna Polar
1	5725.000	66.71	5.96	72.67	122.20	-49.53	Peak	Vertical
2	5825.000	65.98	6.01	71.99	122.20	-50.21	Peak	Vertical
1	5725.000	56.28	5.96	62.24	122.20	-59.96	Peak	Horizontal
2	5850.000	53.76	6.02	59.78	122.20	-62.42	Peak	Horizontal



## 6.9 POWERLINE CONDUCTED EMISSIONS

### 6.9.1 LIMIT

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

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

\* Decreases with the logarithm of the frequency.

### 6.9.2 TEST INSTRUMENTS

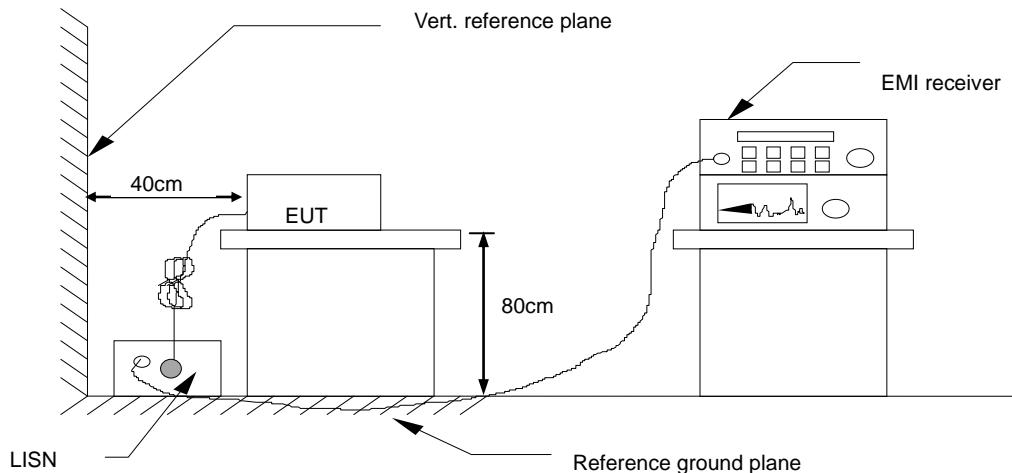
Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/21/2017	02/20/2018
LISN(EUT)	ROHDE&SCHWARZ	ENV216	101543-WX	02/21/2017	02/20/2018
LISN	EMCO	3825/2	8901-1459	02/21/2017	02/20/2018
Temp. / Humidity Meter	VICTOR	HTC-1	N/A	02/21/2017	02/20/2018
Test S/W	FARAD	EZ-EMC/ CCS-3A1-CE			

**NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. N.C.R = No Calibration Request.



### 6.9.3 TEST CONFIGURATION



### 6.9.4 TEST PROCEDURE

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

### 6.9.5 DATA SAMPLE

Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark
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

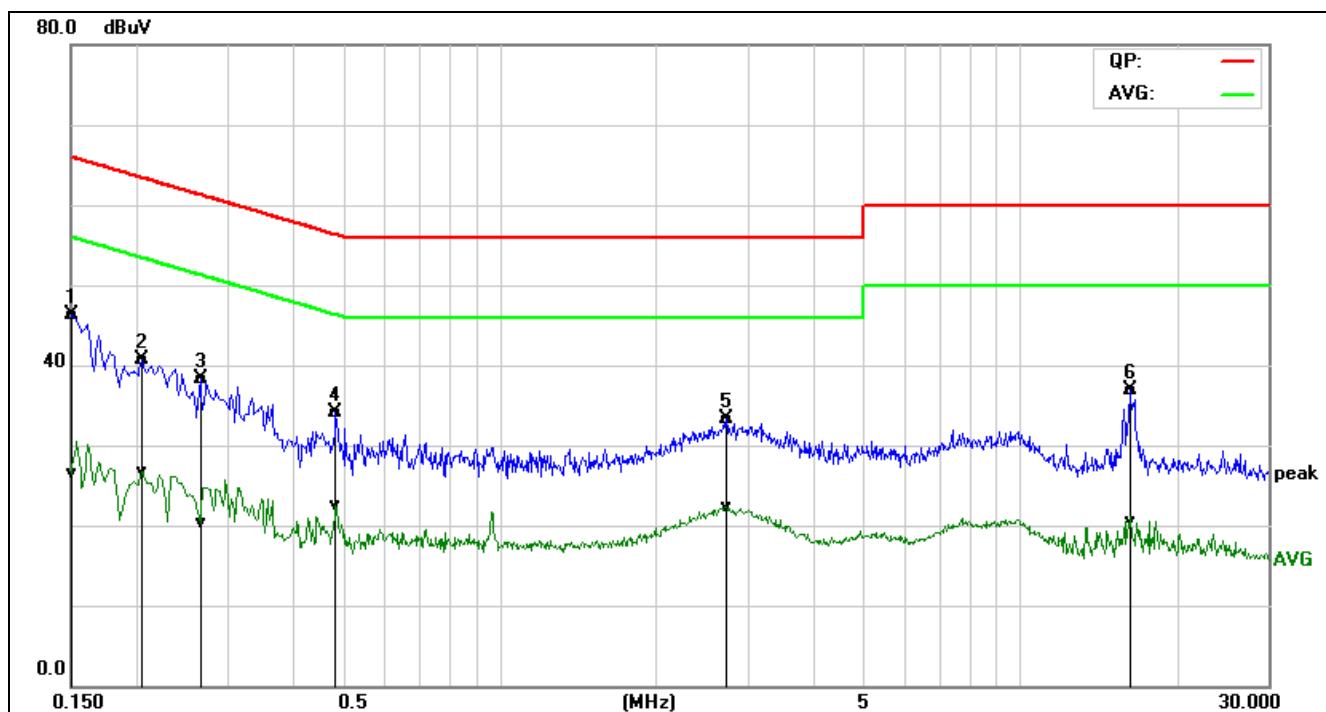
Limit = Limit stated in standard

Margin = Result (dBuV) – Limit (dBuV)



## 6.9.6 TEST RESULTS

Model No.	SR700ac	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 1
Tested by	Darry Wu	Line	L1
Test Date	April 28, 2017	Test Voltage	AC120V/60Hz

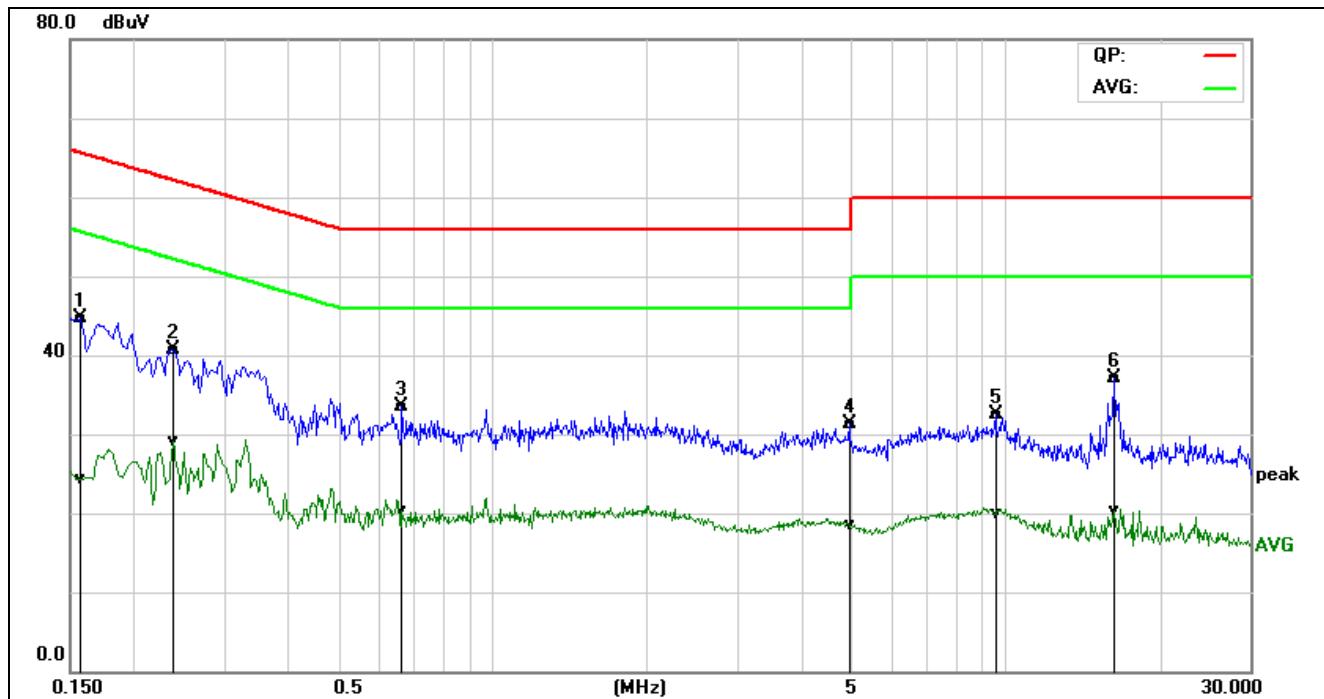


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1500	26.73	7.05	19.52	46.25	26.57	65.99	56.00	-19.74	-29.43	Pass	L1
0.2060	21.08	7.12	19.64	40.72	26.76	63.36	53.37	-22.64	-26.61	Pass	L1
0.2660	18.70	0.57	19.64	38.34	20.21	61.24	51.24	-22.90	-31.03	Pass	L1
0.4860	14.41	2.93	19.63	34.04	22.56	56.24	46.24	-22.20	-23.68	Pass	L1
2.7340	13.65	2.52	19.70	33.35	22.22	56.00	46.00	-22.65	-23.78	Pass	L1
16.2300	17.02	0.60	19.92	36.94	20.52	60.00	50.00	-23.06	-29.48	Pass	L1

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



Model No.	SR700ac	RBW,VBW	9 kHz
Environmental Conditions	22°C, 45% RH	Test Mode	Mode 1
Tested by	Darry Wu	Line	L2
Test Date	April 28, 2017	Test Voltage	AC120V/60Hz

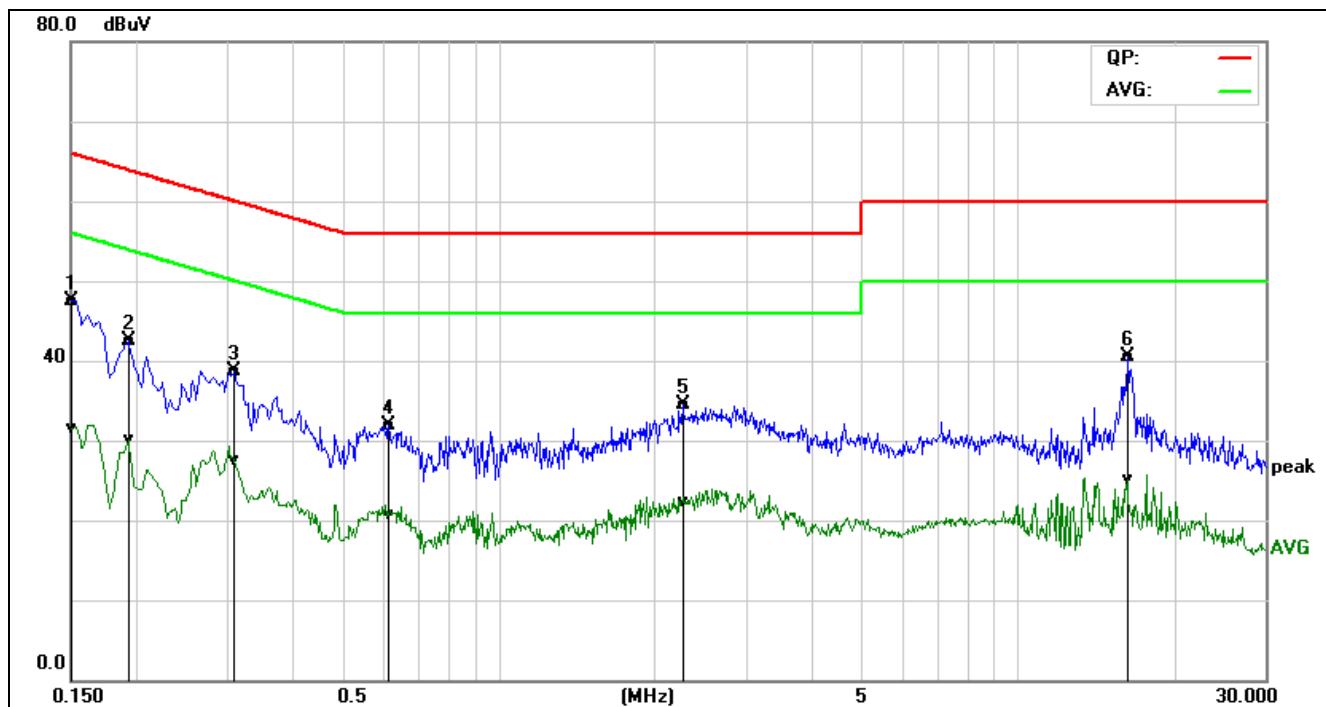


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1580	25.06	4.60	19.72	44.78	24.32	65.56	55.57	-20.78	-31.25	Pass	L2
0.2380	21.00	9.30	19.73	40.73	29.03	62.16	52.17	-21.43	-23.14	Pass	L2
0.6660	13.83	0.52	19.70	33.53	20.22	56.00	46.00	-22.47	-25.78	Pass	L2
4.9580	11.58	-1.25	19.73	31.31	18.48	56.00	46.00	-24.69	-27.52	Pass	L2
9.5659	12.36	-0.26	20.09	32.45	19.83	60.00	50.00	-27.55	-30.17	Pass	L2
16.2260	17.27	0.65	19.74	37.01	20.39	60.00	50.00	-22.99	-29.61	Pass	L2

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



<b>Model No.</b>	SR700ac	<b>RBW,VBW</b>	9 kHz
<b>Environmental Conditions</b>	22°C, 45% RH	<b>Test Mode</b>	Mode 1
<b>Tested by</b>	Darry Wu	<b>Line</b>	L1
<b>Test Date</b>	April 28, 2017	<b>Test Voltage</b>	AC240V/50Hz

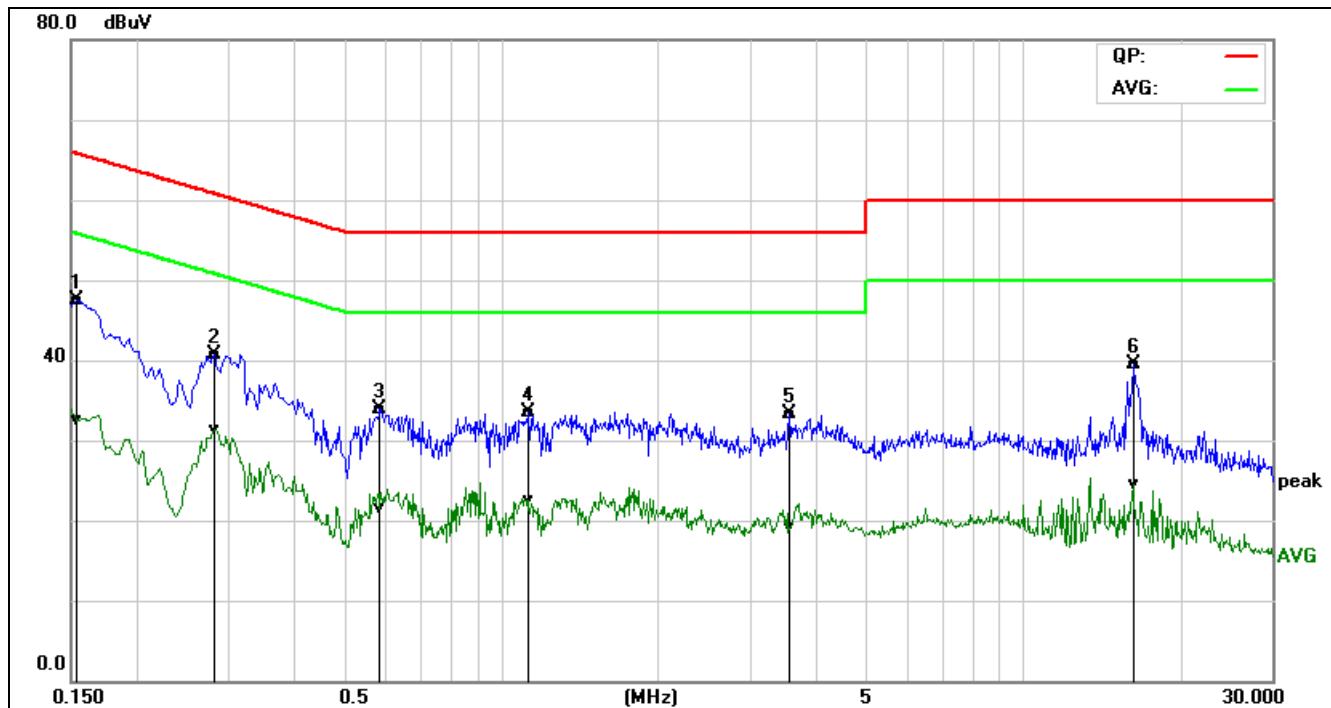


Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1500	28.04	11.96	19.52	47.56	31.48	65.99	56.00	-18.43	-24.52	Pass	L1
0.1940	22.85	10.47	19.63	42.48	30.10	63.86	53.86	-21.38	-23.76	Pass	L1
0.3100	19.05	7.96	19.64	38.69	27.60	59.97	49.97	-21.28	-22.37	Pass	L1
0.6140	12.18	1.02	19.74	31.92	20.76	56.00	46.00	-24.08	-25.24	Pass	L1
2.2700	14.76	2.63	19.71	34.47	22.34	56.00	46.00	-21.53	-23.66	Pass	L1
16.2300	20.65	5.18	19.92	40.57	25.10	60.00	50.00	-19.43	-24.90	Pass	L1

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



<b>Model No.</b>	SR700ac	<b>RBW,VBW</b>	9 kHz
<b>Environmental Conditions</b>	22°C, 45% RH	<b>Test Mode</b>	Mode 1
<b>Tested by</b>	Darry Wu	<b>Line</b>	L2
<b>Test Date</b>	April 28, 2017	<b>Test Voltage</b>	AC240V/50Hz



Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)	Line (L1/L2)
0.1539	27.86	12.76	19.72	47.58	32.48	65.78	55.79	-18.20	-23.31	Pass	L2
0.2819	21.03	11.64	19.71	40.74	31.35	60.76	50.76	-20.02	-19.41	Pass	L2
0.5860	14.17	1.82	19.66	33.83	21.48	56.00	46.00	-22.17	-24.52	Pass	L2
1.1340	13.67	2.75	19.75	33.42	22.50	56.00	46.00	-22.58	-23.50	Pass	L2
3.5660	13.50	-0.57	19.73	33.23	19.16	56.00	46.00	-22.77	-26.84	Pass	L2
16.2300	19.67	4.76	19.74	39.41	24.50	60.00	50.00	-20.59	-25.50	Pass	L2

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



## 6.10 FREQUENCY STABILITY

### 6.10.1 LIMIT

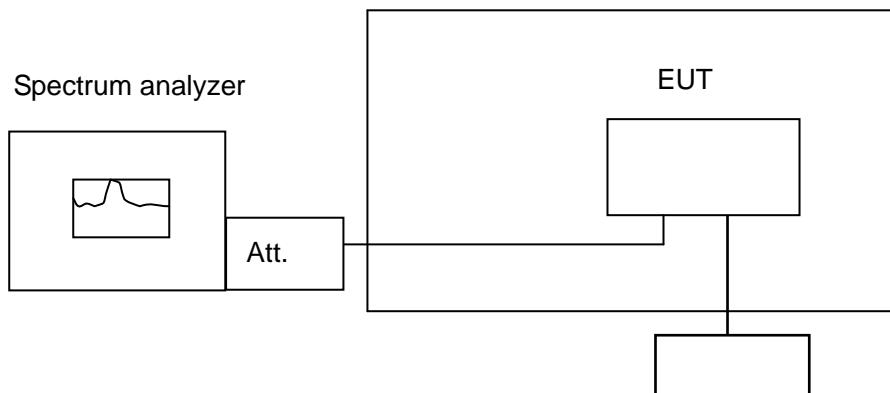
According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

### 6.10.2 TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	N9010A	MY52221469	02/21/2017	02/20/2018
DC Power Supply	DAZHENG	PS-605D	20018978	N.C.R	N.C.R
AC POWER SOUCE	UMART	HPA1010	N/A	N.C.R	N.C.R
Power Meter	Anritsu	ML2495A	1204003	02/21/2017	02/20/2018
Power Sensor	Anritsu	MA2411B	1126150	02/21/2017	02/20/2018
Temperature Chamber	TERCHY	MHG-800N	E21104	11/18/2015	11/17/2016
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/21/2017	02/20/2018

### 6.10.3 TEST CONFIGURATION

Temperature Chamber



**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)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.979711	5150-5250	PASS
40	120	5179.999112	5150-5250	PASS
30	120	5179.991976	5150-5250	PASS
20	120	5179.998000	5150-5250	PASS
10	120	5179.981608	5150-5250	PASS
0	120	5179.989699	5150-5250	PASS
-10	120	5179.991891	5150-5250	PASS
-20	120	5179.949364	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.966329	5150-5250	PASS
	120	5179.996000	5150-5250	PASS
	132	5179.979155	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.967511	5150-5250	PASS
40	120	5239.979209	5150-5250	PASS
30	120	5239.949776	5150-5250	PASS
20	120	5239.995000	5150-5250	PASS
10	120	5239.967751	5150-5250	PASS
0	120	5239.949793	5150-5250	PASS
-10	120	5239.959544	5150-5250	PASS
-20	120	5239.982951	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.953648	5150-5250	PASS
	120	5240.000000	5150-5250	PASS
	132	5239.999635	5150-5250	PASS



## IEEE 802.11a mode / 5260 ~ 5320MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.961312	5250-5350	PASS
40	120	5259.968550	5250-5350	PASS
30	120	5259.970428	5250-5350	PASS
20	120	5260.002000	5250-5350	PASS
10	120	5259.994288	5250-5350	PASS
0	120	5259.973079	5250-5350	PASS
-10	120	5259.954899	5250-5350	PASS
-20	120	5259.980932	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.970192	5250-5350	PASS
	120	5259.993000	5250-5350	PASS
	132	5259.995309	5250-5350	PASS

## IEEE 802.11a mode / 5260 ~ 5320MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.952341	5250-5350	PASS
40	120	5319.992991	5250-5350	PASS
30	120	5319.987851	5250-5350	PASS
20	120	5320.002000	5250-5350	PASS
10	120	5319.981194	5250-5350	PASS
0	120	5319.976554	5250-5350	PASS
-10	120	5319.991692	5250-5350	PASS
-20	120	5319.959208	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.998680	5250-5350	PASS
	120	5320.005000	5250-5350	PASS
	132	5319.985136	5250-5350	PASS



## IEEE 802.11a mode / 5500 ~ 5700MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.958197	5475-5725	PASS
40	120	5499.994314	5475-5725	PASS
30	120	5499.981420	5475-5725	PASS
20	120	5500.003000	5475-5725	PASS
10	120	5499.998283	5475-5725	PASS
0	120	5499.957516	5475-5725	PASS
-10	120	5499.985886	5475-5725	PASS
-20	120	5499.991997	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.964490	5475-5725	PASS
	120	5500.004000	5475-5725	PASS
	132	5499.999739	5475-5725	PASS

## IEEE 802.11a mode / 5500 ~ 5700MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.975305	5475-5725	PASS
40	120	5699.990184	5475-5725	PASS
30	120	5699.968603	5475-5725	PASS
20	120	5699.996900	5475-5725	PASS
10	120	5699.967699	5475-5725	PASS
0	120	5699.997655	5475-5725	PASS
-10	120	5699.989559	5475-5725	PASS
-20	120	5699.949005	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.973723	5475-5725	PASS
	120	5699.999100	5475-5725	PASS
	132	5699.998997	5475-5725	PASS



## IEEE 802.11a mode / 5745 ~ 5825MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.999478	5725-5850	PASS
40	120	5744.964692	5725-5850	PASS
30	120	5744.975276	5725-5850	PASS
20	120	5744.998790	5725-5850	PASS
10	120	5744.967903	5725-5850	PASS
0	120	5744.980159	5725-5850	PASS
-10	120	5744.957811	5725-5850	PASS
-20	120	5744.953655	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.993035	5725-5850	PASS
	120	5744.998579	5725-5850	PASS
	132	5744.997300	5725-5850	PASS

## IEEE 802.11a mode / 5745 ~ 5825MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.971010	5725-5850	PASS
40	120	5824.994123	5725-5850	PASS
30	120	5824.997404	5725-5850	PASS
20	120	5824.997100	5725-5850	PASS
10	120	5824.968579	5725-5850	PASS
0	120	5824.988312	5725-5850	PASS
-10	120	5824.950187	5725-5850	PASS
-20	120	5824.968608	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.987564	5725-5850	PASS
	120	5824.996850	5725-5850	PASS
	132	5824.987821	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.975478	5150-5250	PASS
40	120	5179.951510	5150-5250	PASS
30	120	5179.977145	5150-5250	PASS
20	120	5179.992600	5150-5250	PASS
10	120	5179.980238	5150-5250	PASS
0	120	5179.962216	5150-5250	PASS
-10	120	5179.983520	5150-5250	PASS
-20	120	5179.983603	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.960284	5150-5250	PASS
	120	5179.997500	5150-5250	PASS
	132	5179.998491	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.969206	5150-5250	PASS
40	120	5239.984440	5150-5250	PASS
30	120	5239.960493	5150-5250	PASS
20	120	5240.001000	5150-5250	PASS
10	120	5239.967088	5150-5250	PASS
0	120	5239.976397	5150-5250	PASS
-10	120	5239.985413	5150-5250	PASS
-20	120	5239.975437	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.967494	5150-5250	PASS
	120	5240.007000	5150-5250	PASS
	132	5239.953652	5150-5250	PASS



## IEEE 802.11a mode / 5260 ~ 5320MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.989754	5250-5350	PASS
40	120	5259.967293	5250-5350	PASS
30	120	5259.955685	5250-5350	PASS
20	120	5260.001000	5250-5350	PASS
10	120	5259.965088	5250-5350	PASS
0	120	5259.995566	5250-5350	PASS
-10	120	5259.961975	5250-5350	PASS
-20	120	5259.979547	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.985760	5250-5350	PASS
	120	5260.003000	5250-5350	PASS
	132	5259.956837	5250-5350	PASS

## IEEE 802.11a mode / 5260 ~ 5320MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.985406	5250-5350	PASS
40	120	5319.990649	5250-5350	PASS
30	120	5319.978164	5250-5350	PASS
20	120	5320.002000	5250-5350	PASS
10	120	5319.990164	5250-5350	PASS
0	120	5319.954073	5250-5350	PASS
-10	120	5319.951218	5250-5350	PASS
-20	120	5319.949673	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.966143	5250-5350	PASS
	120	5320.006000	5250-5350	PASS
	132	5319.988724	5250-5350	PASS



## IEEE 802.11a mode / 5500 ~ 5700MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.972071	5475-5725	PASS
40	120	5499.970502	5475-5725	PASS
30	120	5499.998438	5475-5725	PASS
20	120	5500.005000	5475-5725	PASS
10	120	5499.981069	5475-5725	PASS
0	120	5499.972686	5475-5725	PASS
-10	120	5499.992571	5475-5725	PASS
-20	120	5499.973573	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.955809	5475-5725	PASS
	120	5500.006000	5475-5725	PASS
	132	5499.985540	5475-5725	PASS

## IEEE 802.11a mode / 5500 ~ 5700MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.964471	5475-5725	PASS
40	120	5699.952080	5475-5725	PASS
30	120	5699.979066	5475-5725	PASS
20	120	5699.992900	5475-5725	PASS
10	120	5699.977612	5475-5725	PASS
0	120	5699.978577	5475-5725	PASS
-10	120	5699.969972	5475-5725	PASS
-20	120	5699.991858	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.959191	5475-5725	PASS
	120	5699.996800	5475-5725	PASS
	132	5699.957999	5475-5725	PASS



## IEEE 802.11a mode / 5745 ~ 5825MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.980899	5725-5850	PASS
40	120	5744.966124	5725-5850	PASS
30	120	5744.958523	5725-5850	PASS
20	120	5744.998630	5725-5850	PASS
10	120	5744.988889	5725-5850	PASS
0	120	5744.962365	5725-5850	PASS
-10	120	5744.953858	5725-5850	PASS
-20	120	5744.995914	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.965080	5725-5850	PASS
	120	5744.998290	5725-5850	PASS
	132	5744.976665	5725-5850	PASS

## IEEE 802.11a mode / 5745 ~ 5825MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.975993	5725-5850	PASS
40	120	5824.966401	5725-5850	PASS
30	120	5824.966087	5725-5850	PASS
20	120	5825.006000	5725-5850	PASS
10	120	5824.951703	5725-5850	PASS
0	120	5824.993083	5725-5850	PASS
-10	120	5824.973869	5725-5850	PASS
-20	120	5824.964453	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.985450	5725-5850	PASS
	120	5825.005000	5725-5850	PASS
	132	5824.972380	5725-5850	PASS

**Antenna 2****IEEE 802.11a MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.970269	5150-5250	PASS
40	120	5179.967406	5150-5250	PASS
30	120	5179.984249	5150-5250	PASS
20	120	5179.997300	5150-5250	PASS
10	120	5179.955210	5150-5250	PASS
0	120	5179.982585	5150-5250	PASS
-10	120	5179.977222	5150-5250	PASS
-20	120	5179.978677	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.952919	5150-5250	PASS
	120	5179.992800	5150-5250	PASS
	132	5179.973780	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.958445	5150-5250	PASS
40	120	5239.962879	5150-5250	PASS
30	120	5239.965517	5150-5250	PASS
20	120	5240.003000	5150-5250	PASS
10	120	5239.963243	5150-5250	PASS
0	120	5239.958588	5150-5250	PASS
-10	120	5239.951460	5150-5250	PASS
-20	120	5239.990081	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.951263	5150-5250	PASS
	120	5240.000000	5150-5250	PASS
	132	5239.965409	5150-5250	PASS



## IEEE 802.11a mode / 5260 ~ 5320MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.950311	5250-5350	PASS
40	120	5259.980981	5250-5350	PASS
30	120	5259.962262	5250-5350	PASS
20	120	5260.007000	5250-5350	PASS
10	120	5259.967789	5250-5350	PASS
0	120	5259.981862	5250-5350	PASS
-10	120	5259.959897	5250-5350	PASS
-20	120	5259.960513	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.983766	5250-5350	PASS
	120	5260.004000	5250-5350	PASS
	132	5259.953351	5250-5350	PASS

## IEEE 802.11a mode / 5260 ~ 5320MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.958417	5250-5350	PASS
40	120	5319.990673	5250-5350	PASS
30	120	5319.990673	5250-5350	PASS
20	120	5320.007000	5250-5350	PASS
10	120	5319.969794	5250-5350	PASS
0	120	5319.997701	5250-5350	PASS
-10	120	5319.961543	5250-5350	PASS
-20	120	5319.963714	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.992646	5250-5350	PASS
	120	5320.002000	5250-5350	PASS
	132	5319.969809	5250-5350	PASS



## IEEE 802.11a mode / 5500 ~ 5700MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.976892	5475-5725	PASS
40	120	5499.999780	5475-5725	PASS
30	120	5499.980230	5475-5725	PASS
20	120	5500.004000	5475-5725	PASS
10	120	5499.965905	5475-5725	PASS
0	120	5499.976622	5475-5725	PASS
-10	120	5499.981589	5475-5725	PASS
-20	120	5499.951942	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.956101	5475-5725	PASS
	120	5500.003000	5475-5725	PASS
	132	5499.990569	5475-5725	PASS

## IEEE 802.11a mode / 5500 ~ 5700MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.986936	5475-5725	PASS
40	120	5699.999292	5475-5725	PASS
30	120	5699.967395	5475-5725	PASS
20	120	5699.997500	5475-5725	PASS
10	120	5699.969661	5475-5725	PASS
0	120	5699.995004	5475-5725	PASS
-10	120	5699.992559	5475-5725	PASS
-20	120	5699.975385	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.975898	5475-5725	PASS
	120	5699.993900	5475-5725	PASS
	132	5699.980769	5475-5725	PASS



## IEEE 802.11a mode / 5745 ~ 5825MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.964375	5725-5850	PASS
40	120	5744.998982	5725-5850	PASS
30	120	5744.952545	5725-5850	PASS
20	120	5744.998467	5725-5850	PASS
10	120	5744.970673	5725-5850	PASS
0	120	5744.974089	5725-5850	PASS
-10	120	5744.961821	5725-5850	PASS
-20	120	5744.976553	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.951550	5725-5850	PASS
	120	5744.998236	5725-5850	PASS
	132	5744.992455	5725-5850	PASS

## IEEE 802.11a mode / 5745 ~ 5825MHz

(High)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.968270	5725-5850	PASS
40	120	5824.956716	5725-5850	PASS
30	120	5824.988377	5725-5850	PASS
20	120	5824.996490	5725-5850	PASS
10	120	5824.965572	5725-5850	PASS
0	120	5824.981464	5725-5850	PASS
-10	120	5824.974708	5725-5850	PASS
-20	120	5824.952368	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.974018	5725-5850	PASS
	120	5824.997630	5725-5850	PASS
	132	5824.955768	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.971370	5150-5250	PASS
40	120	5179.998395	5150-5250	PASS
30	120	5179.979271	5150-5250	PASS
20	120	5179.998390	5150-5250	PASS
10	120	5179.954529	5150-5250	PASS
0	120	5179.981825	5150-5250	PASS
-10	120	5179.970954	5150-5250	PASS
-20	120	5179.979999	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.998718	5150-5250	PASS
	120	5179.999000	5150-5250	PASS
	132	5179.963781	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.957220	5150-5250	PASS
40	120	5239.992238	5150-5250	PASS
30	120	5239.969224	5150-5250	PASS
20	120	5239.997671	5150-5250	PASS
10	120	5239.989956	5150-5250	PASS
0	120	5239.968669	5150-5250	PASS
-10	120	5239.993265	5150-5250	PASS
-20	120	5239.991717	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.987750	5150-5250	PASS
	120	5239.992000	5150-5250	PASS
	132	5239.978722	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.987179	5250-5350	PASS
40	120	5259.972936	5250-5350	PASS
30	120	5259.993058	5250-5350	PASS
20	120	5259.995690	5250-5350	PASS
10	120	5259.989859	5250-5350	PASS
0	120	5259.964337	5250-5350	PASS
-10	120	5259.958667	5250-5350	PASS
-20	120	5259.976181	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.984233	5250-5350	PASS
	120	5259.993000	5250-5350	PASS
	132	5259.973667	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.954570	5250-5350	PASS
40	120	5319.965126	5250-5350	PASS
30	120	5319.975614	5250-5350	PASS
20	120	5319.998790	5250-5350	PASS
10	120	5319.976429	5250-5350	PASS
0	120	5319.966393	5250-5350	PASS
-10	120	5319.988863	5250-5350	PASS
-20	120	5319.951836	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.983632	5250-5350	PASS
	120	5319.995000	5250-5350	PASS
	132	5319.960908	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.990758	5475-5725	PASS
40	120	5499.973572	5475-5725	PASS
30	120	5499.995144	5475-5725	PASS
20	120	5499.994930	5475-5725	PASS
10	120	5499.982805	5475-5725	PASS
0	120	5499.981809	5475-5725	PASS
-10	120	5499.969914	5475-5725	PASS
-20	120	5499.960070	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.983337	5475-5725	PASS
	120	5499.992000	5475-5725	PASS
	132	5499.989318	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.997510	5475-5725	PASS
40	120	5699.955732	5475-5725	PASS
30	120	5699.987591	5475-5725	PASS
20	120	5699.998200	5475-5725	PASS
10	120	5699.976930	5475-5725	PASS
0	120	5699.992308	5475-5725	PASS
-10	120	5699.976164	5475-5725	PASS
-20	120	5699.961982	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.955870	5475-5725	PASS
	120	5699.998860	5475-5725	PASS
	132	5699.960771	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.984798	5725-5850	PASS
40	120	5744.997660	5725-5850	PASS
30	120	5744.950039	5725-5850	PASS
20	120	5744.998260	5725-5850	PASS
10	120	5744.963551	5725-5850	PASS
0	120	5744.980359	5725-5850	PASS
-10	120	5744.958342	5725-5850	PASS
-20	120	5744.953572	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.999799	5725-5850	PASS
	120	5744.998530	5725-5850	PASS
	132	5744.952935	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.990432	5725-5850	PASS
40	120	5824.979257	5725-5850	PASS
30	120	5824.958072	5725-5850	PASS
20	120	5824.997690	5725-5850	PASS
10	120	5824.989849	5725-5850	PASS
0	120	5824.958519	5725-5850	PASS
-10	120	5824.968442	5725-5850	PASS
-20	120	5824.952573	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.951666	5725-5850	PASS
	120	5824.995920	5725-5850	PASS
	132	5824.950384	5725-5850	PASS



## Antenna 1

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.967779	5150-5250	PASS
40	120	5179.990436	5150-5250	PASS
30	120	5179.951733	5150-5250	PASS
20	120	5179.996100	5150-5250	PASS
10	120	5179.978860	5150-5250	PASS
0	120	5179.958359	5150-5250	PASS
-10	120	5179.995752	5150-5250	PASS
-20	120	5179.988239	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.989543	5150-5250	PASS
	120	5179.992700	5150-5250	PASS
	132	5179.967225	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.979083	5150-5250	PASS
40	120	5239.955550	5150-5250	PASS
30	120	5239.990392	5150-5250	PASS
20	120	5240.005000	5150-5250	PASS
10	120	5239.993173	5150-5250	PASS
0	120	5239.983857	5150-5250	PASS
-10	120	5239.994405	5150-5250	PASS
-20	120	5239.974710	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.963606	5150-5250	PASS
	120	5240.003000	5150-5250	PASS
	132	5239.984921	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.983113	5250-5350	PASS
40	120	5259.966298	5250-5350	PASS
30	120	5259.953425	5250-5350	PASS
20	120	5260.006000	5250-5350	PASS
10	120	5259.997261	5250-5350	PASS
0	120	5259.981868	5250-5350	PASS
-10	120	5259.994531	5250-5350	PASS
-20	120	5259.972116	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.949732	5250-5350	PASS
	120	5260.002000	5250-5350	PASS
	132	5259.959166	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.991922	5250-5350	PASS
40	120	5319.964434	5250-5350	PASS
30	120	5319.949063	5250-5350	PASS
20	120	5320.004000	5250-5350	PASS
10	120	5319.967385	5250-5350	PASS
0	120	5319.971633	5250-5350	PASS
-10	120	5319.967052	5250-5350	PASS
-20	120	5319.950945	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.979810	5250-5350	PASS
	120	5320.007000	5250-5350	PASS
	132	5319.968521	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.950130	5475-5725	PASS
40	120	5499.991864	5475-5725	PASS
30	120	5499.958699	5475-5725	PASS
20	120	5500.003000	5475-5725	PASS
10	120	5499.993825	5475-5725	PASS
0	120	5499.972606	5475-5725	PASS
-10	120	5499.994112	5475-5725	PASS
-20	120	5499.965702	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.958820	5475-5725	PASS
	120	5500.008000	5475-5725	PASS
	132	5499.996216	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.973560	5475-5725	PASS
40	120	5699.971763	5475-5725	PASS
30	120	5699.977924	5475-5725	PASS
20	120	5699.996900	5475-5725	PASS
10	120	5699.984287	5475-5725	PASS
0	120	5699.971538	5475-5725	PASS
-10	120	5699.968879	5475-5725	PASS
-20	120	5699.958193	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.983738	5475-5725	PASS
	120	5699.993500	5475-5725	PASS
	132	5699.992023	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.994922	5725-5850	PASS
40	120	5744.950408	5725-5850	PASS
30	120	5744.951009	5725-5850	PASS
20	120	5744.997200	5725-5850	PASS
10	120	5744.978387	5725-5850	PASS
0	120	5744.964155	5725-5850	PASS
-10	120	5744.969433	5725-5850	PASS
-20	120	5744.990274	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.974988	5725-5850	PASS
	120	5744.994600	5725-5850	PASS
	132	5744.954916	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.994236	5725-5850	PASS
40	120	5824.952600	5725-5850	PASS
30	120	5824.989114	5725-5850	PASS
20	120	5824.995700	5725-5850	PASS
10	120	5824.954417	5725-5850	PASS
0	120	5824.949628	5725-5850	PASS
-10	120	5824.999622	5725-5850	PASS
-20	120	5824.979157	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.976743	5725-5850	PASS
	120	5824.992700	5725-5850	PASS
	132	5824.981652	5725-5850	PASS

**Antenna 2****IEEE 802.11n HT 20 MHz mode / 5180 ~ 5240MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5179.978998	5150-5250	PASS
40	120	5179.972486	5150-5250	PASS
30	120	5179.986186	5150-5250	PASS
20	120	5179.992700	5150-5250	PASS
10	120	5179.972298	5150-5250	PASS
0	120	5179.961828	5150-5250	PASS
-10	120	5179.980830	5150-5250	PASS
-20	120	5179.960696	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5179.960872	5150-5250	PASS
	120	5179.995800	5150-5250	PASS
	132	5179.956518	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5239.997658	5150-5250	PASS
40	120	5239.994951	5150-5250	PASS
30	120	5239.975619	5150-5250	PASS
20	120	5239.996000	5150-5250	PASS
10	120	5239.954413	5150-5250	PASS
0	120	5239.965331	5150-5250	PASS
-10	120	5239.970307	5150-5250	PASS
-20	120	5239.993246	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5239.955961	5150-5250	PASS
	120	5239.998620	5150-5250	PASS
	132	5239.981329	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5259.996932	5250-5350	PASS
40	120	5259.969628	5250-5350	PASS
30	120	5259.961812	5250-5350	PASS
20	120	5259.999600	5250-5350	PASS
10	120	5259.984594	5250-5350	PASS
0	120	5259.977285	5250-5350	PASS
-10	120	5259.962888	5250-5350	PASS
-20	120	5259.956203	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5259.991079	5250-5350	PASS
	120	5259.998300	5250-5350	PASS
	132	5259.960372	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5319.994182	5250-5350	PASS
40	120	5319.960572	5250-5350	PASS
30	120	5319.979113	5250-5350	PASS
20	120	5319.994900	5250-5350	PASS
10	120	5319.996640	5250-5350	PASS
0	120	5319.959425	5250-5350	PASS
-10	120	5319.954865	5250-5350	PASS
-20	120	5319.967136	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5319.995351	5250-5350	PASS
	120	5319.997200	5250-5350	PASS
	132	5319.999753	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5499.949587	5475-5725	PASS
40	120	5499.982967	5475-5725	PASS
30	120	5499.992958	5475-5725	PASS
20	120	5499.995300	5475-5725	PASS
10	120	5499.953002	5475-5725	PASS
0	120	5499.972817	5475-5725	PASS
-10	120	5499.973687	5475-5725	PASS
-20	120	5499.977108	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5499.962534	5475-5725	PASS
	120	5499.996800	5475-5725	PASS
	132	5499.990567	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5699.950191	5475-5725	PASS
40	120	5699.979430	5475-5725	PASS
30	120	5699.949610	5475-5725	PASS
20	120	5699.998400	5475-5725	PASS
10	120	5699.995576	5475-5725	PASS
0	120	5699.949062	5475-5725	PASS
-10	120	5699.993778	5475-5725	PASS
-20	120	5699.994377	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5699.964777	5475-5725	PASS
	120	5699.998200	5475-5725	PASS
	132	5699.990130	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5744.996427	5725-5850	PASS
40	120	5744.966425	5725-5850	PASS
30	120	5744.958131	5725-5850	PASS
20	120	5744.998490	5725-5850	PASS
10	120	5744.987680	5725-5850	PASS
0	120	5744.987749	5725-5850	PASS
-10	120	5744.983263	5725-5850	PASS
-20	120	5744.991145	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5744.995380	5725-5850	PASS
	120	5744.998630	5725-5850	PASS
	132	5744.977547	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5824.985268	5725-5850	PASS
40	120	5824.954177	5725-5850	PASS
30	120	5824.978555	5725-5850	PASS
20	120	5824.997290	5725-5850	PASS
10	120	5824.995060	5725-5850	PASS
0	120	5824.963599	5725-5850	PASS
-10	120	5824.962611	5725-5850	PASS
-20	120	5824.994888	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5824.970155	5725-5850	PASS
	120	5824.997460	5725-5850	PASS
	132	5824.976303	5725-5850	PASS



## Antenna 0

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.987442	5150-5250	PASS
40	120	5189.995790	5150-5250	PASS
30	120	5189.984552	5150-5250	PASS
20	120	5189.996900	5150-5250	PASS
10	120	5189.979599	5150-5250	PASS
0	120	5189.989937	5150-5250	PASS
-10	120	5189.964120	5150-5250	PASS
-20	120	5189.978973	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.980164	5150-5250	PASS
	120	5189.998930	5150-5250	PASS
	132	5189.953269	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.961291	5150-5250	PASS
40	120	5229.980065	5150-5250	PASS
30	120	5229.973912	5150-5250	PASS
20	120	5230.004000	5150-5250	PASS
10	120	5229.960663	5150-5250	PASS
0	120	5229.991063	5150-5250	PASS
-10	120	5229.986389	5150-5250	PASS
-20	120	5229.984650	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.968920	5150-5250	PASS
	120	5230.006000	5150-5250	PASS
	132	5229.990417	5150-5250	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.992957	5250-5350	PASS
40	120	5269.992700	5250-5350	PASS
30	120	5269.951406	5250-5350	PASS
20	120	5270.002000	5250-5350	PASS
10	120	5269.968300	5250-5350	PASS
0	120	5269.996970	5250-5350	PASS
-10	120	5269.979751	5250-5350	PASS
-20	120	5269.990288	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.981841	5250-5350	PASS
	120	5270.005000	5250-5350	PASS
	132	5269.993213	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.973719	5250-5350	PASS
40	120	5309.955446	5250-5350	PASS
30	120	5309.977466	5250-5350	PASS
20	120	5310.007000	5250-5350	PASS
10	120	5309.953012	5250-5350	PASS
0	120	5309.995973	5250-5350	PASS
-10	120	5309.955081	5250-5350	PASS
-20	120	5309.972783	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.956401	5250-5350	PASS
	120	5310.001600	5250-5350	PASS
	132	5309.977293	5250-5350	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.995486	5475-5725	PASS
40	120	5509.993685	5475-5725	PASS
30	120	5509.949705	5475-5725	PASS
20	120	5510.003000	5475-5725	PASS
10	120	5509.960430	5475-5725	PASS
0	120	5509.998214	5475-5725	PASS
-10	120	5509.965358	5475-5725	PASS
-20	120	5509.996518	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.956845	5475-5725	PASS
	120	5510.000000	5475-5725	PASS
	132	5509.971544	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.959004	5475-5725	PASS
40	120	5669.949204	5475-5725	PASS
30	120	5669.969935	5475-5725	PASS
20	120	5670.005000	5475-5725	PASS
10	120	5669.975477	5475-5725	PASS
0	120	5669.949385	5475-5725	PASS
-10	120	5669.997907	5475-5725	PASS
-20	120	5669.983178	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.951302	5475-5725	PASS
	120	5670.003000	5475-5725	PASS
	132	5669.989457	5475-5725	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.963915	5725-5850	PASS
40	120	5754.975389	5725-5850	PASS
30	120	5754.999867	5725-5850	PASS
20	120	5754.996290	5725-5850	PASS
10	120	5754.962975	5725-5850	PASS
0	120	5754.983197	5725-5850	PASS
-10	120	5754.974232	5725-5850	PASS
-20	120	5754.966928	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.972216	5725-5850	PASS
	120	5754.997350	5725-5850	PASS
	132	5754.996067	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.997471	5725-5850	PASS
40	120	5794.954006	5725-5850	PASS
30	120	5794.980732	5725-5850	PASS
20	120	5794.998200	5725-5850	PASS
10	120	5794.997842	5725-5850	PASS
0	120	5794.970934	5725-5850	PASS
-10	120	5794.983590	5725-5850	PASS
-20	120	5794.957086	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.980938	5725-5850	PASS
	120	5794.997690	5725-5850	PASS
	132	5794.968031	5725-5850	PASS



## Antenna 1

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.986089	5150-5250	PASS
40	120	5189.983290	5150-5250	PASS
30	120	5189.972915	5150-5250	PASS
20	120	5190.006000	5150-5250	PASS
10	120	5189.985027	5150-5250	PASS
0	120	5189.953547	5150-5250	PASS
-10	120	5189.950332	5150-5250	PASS
-20	120	5189.989210	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.954022	5150-5250	PASS
	120	5190.007000	5150-5250	PASS
	132	5189.969547	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.978518	5150-5250	PASS
40	120	5229.977051	5150-5250	PASS
30	120	5229.952339	5150-5250	PASS
20	120	5230.003000	5150-5250	PASS
10	120	5229.958860	5150-5250	PASS
0	120	5229.958119	5150-5250	PASS
-10	120	5229.960135	5150-5250	PASS
-20	120	5229.998300	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.972000	5150-5250	PASS
	120	5230.005000	5150-5250	PASS
	132	5229.957292	5150-5250	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.974311	5250-5350	PASS
40	120	5269.980750	5250-5350	PASS
30	120	5269.961766	5250-5350	PASS
20	120	5270.006000	5250-5350	PASS
10	120	5269.967786	5250-5350	PASS
0	120	5269.999671	5250-5350	PASS
-10	120	5269.977999	5250-5350	PASS
-20	120	5269.993067	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.982443	5250-5350	PASS
	120	5270.008000	5250-5350	PASS
	132	5269.968594	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.960920	5250-5350	PASS
40	120	5309.995994	5250-5350	PASS
30	120	5309.954558	5250-5350	PASS
20	120	5310.002000	5250-5350	PASS
10	120	5309.959707	5250-5350	PASS
0	120	5309.966678	5250-5350	PASS
-10	120	5309.994807	5250-5350	PASS
-20	120	5309.972440	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.957942	5250-5350	PASS
	120	5310.005000	5250-5350	PASS
	132	5309.971394	5250-5350	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.996649	5475-5725	PASS
40	120	5509.959297	5475-5725	PASS
30	120	5509.972178	5475-5725	PASS
20	120	5509.993700	5475-5725	PASS
10	120	5509.980100	5475-5725	PASS
0	120	5509.949927	5475-5725	PASS
-10	120	5509.975508	5475-5725	PASS
-20	120	5509.995355	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.949985	5475-5725	PASS
	120	5510.000000	5475-5725	PASS
	132	5509.958158	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.959482	5475-5725	PASS
40	120	5669.995907	5475-5725	PASS
30	120	5669.993596	5475-5725	PASS
20	120	5669.992000	5475-5725	PASS
10	120	5669.972579	5475-5725	PASS
0	120	5669.989490	5475-5725	PASS
-10	120	5669.978429	5475-5725	PASS
-20	120	5669.963797	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.959867	5475-5725	PASS
	120	5670.003000	5475-5725	PASS
	132	5669.999490	5475-5725	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.983125	5725-5850	PASS
40	120	5754.964958	5725-5850	PASS
30	120	5754.964599	5725-5850	PASS
20	120	5754.998200	5725-5850	PASS
10	120	5754.969276	5725-5850	PASS
0	120	5754.991285	5725-5850	PASS
-10	120	5754.981884	5725-5850	PASS
-20	120	5754.962592	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.966061	5725-5850	PASS
	120	5754.996800	5725-5850	PASS
	132	5754.949171	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.971370	5725-5850	PASS
40	120	5794.995585	5725-5850	PASS
30	120	5794.971837	5725-5850	PASS
20	120	5794.995700	5725-5850	PASS
10	120	5794.982482	5725-5850	PASS
0	120	5794.977877	5725-5850	PASS
-10	120	5794.996168	5725-5850	PASS
-20	120	5794.950742	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.952728	5725-5850	PASS
	120	5794.993500	5725-5850	PASS
	132	5794.984772	5725-5850	PASS

**Antenna 2****IEEE 802.11n HT 40 MHz mode / 5190 ~ 5230MHz (Low)**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5189.955797	5150-5250	PASS
40	120	5189.957220	5150-5250	PASS
30	120	5189.980455	5150-5250	PASS
20	120	5189.992000	5150-5250	PASS
10	120	5189.990296	5150-5250	PASS
0	120	5189.997980	5150-5250	PASS
-10	120	5189.962152	5150-5250	PASS
-20	120	5189.954602	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5189.954169	5150-5250	PASS
	120	5189.996300	5150-5250	PASS
	132	5189.969761	5150-5250	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5229.972982	5150-5250	PASS
40	120	5229.980741	5150-5250	PASS
30	120	5229.968531	5150-5250	PASS
20	120	5230.000000	5150-5250	PASS
10	120	5229.962452	5150-5250	PASS
0	120	5229.977120	5150-5250	PASS
-10	120	5229.953541	5150-5250	PASS
-20	120	5229.954458	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5229.973516	5150-5250	PASS
	120	5230.005000	5150-5250	PASS
	132	5229.958844	5150-5250	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5269.951034	5250-5350	PASS
40	120	5269.979552	5250-5350	PASS
30	120	5269.978642	5250-5350	PASS
20	120	5270.006000	5250-5350	PASS
10	120	5269.988432	5250-5350	PASS
0	120	5269.964304	5250-5350	PASS
-10	120	5269.956894	5250-5350	PASS
-20	120	5269.952809	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5269.967125	5250-5350	PASS
	120	5270.003000	5250-5350	PASS
	132	5269.998509	5250-5350	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5309.993718	5250-5350	PASS
40	120	5309.995312	5250-5350	PASS
30	120	5309.980151	5250-5350	PASS
20	120	5310.007000	5250-5350	PASS
10	120	5309.980087	5250-5350	PASS
0	120	5309.989141	5250-5350	PASS
-10	120	5309.994170	5250-5350	PASS
-20	120	5309.977689	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5309.990184	5250-5350	PASS
	120	5310.006000	5250-5350	PASS
	132	5309.982451	5250-5350	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5509.968191	5475-5725	PASS
40	120	5509.965461	5475-5725	PASS
30	120	5509.972342	5475-5725	PASS
20	120	5510.004000	5475-5725	PASS
10	120	5509.978919	5475-5725	PASS
0	120	5509.998335	5475-5725	PASS
-10	120	5509.977728	5475-5725	PASS
-20	120	5509.958138	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5509.982106	5475-5725	PASS
	120	5510.000000	5475-5725	PASS
	132	5509.996079	5475-5725	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5669.971763	5475-5725	PASS
40	120	5669.997550	5475-5725	PASS
30	120	5669.991596	5475-5725	PASS
20	120	5670.003000	5475-5725	PASS
10	120	5669.955136	5475-5725	PASS
0	120	5669.977104	5475-5725	PASS
-10	120	5669.962408	5475-5725	PASS
-20	120	5669.959990	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5669.950586	5475-5725	PASS
	120	5670.005000	5475-5725	PASS
	132	5669.951447	5475-5725	PASS



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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5754.963411	5725-5850	PASS
40	120	5754.998319	5725-5850	PASS
30	120	5754.960603	5725-5850	PASS
20	120	5754.997920	5725-5850	PASS
10	120	5754.980550	5725-5850	PASS
0	120	5754.963721	5725-5850	PASS
-10	120	5754.964136	5725-5850	PASS
-20	120	5754.973163	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5754.957202	5725-5850	PASS
	120	5754.997580	5725-5850	PASS
	132	5754.988562	5725-5850	PASS

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

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5794.994093	5725-5850	PASS
40	120	5794.976573	5725-5850	PASS
30	120	5794.964752	5725-5850	PASS
20	120	5794.992800	5725-5850	PASS
10	120	5794.962183	5725-5850	PASS
0	120	5794.984644	5725-5850	PASS
-10	120	5794.958644	5725-5850	PASS
-20	120	5794.962448	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5794.951346	5725-5850	PASS
	120	5794.993900	5725-5850	PASS
	132	5794.962922	5725-5850	PASS

**Antenna 0****IEEE 802.11ac 80 mode / 5210MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.990202	5150-5250	PASS
40	120	5209.969179	5150-5250	PASS
30	120	5209.951170	5150-5250	PASS
20	120	5209.994900	5150-5250	PASS
10	120	5209.968433	5150-5250	PASS
0	120	5209.989967	5150-5250	PASS
-10	120	5209.959202	5150-5250	PASS
-20	120	5209.981929	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.965634	5150-5250	PASS
	120	5209.993900	5150-5250	PASS
	132	5209.958611	5150-5250	PASS

**IEEE 802.11ac 80 mode / 5290MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.963782	5250-5350	PASS
40	120	5289.951897	5250-5350	PASS
30	120	5289.997232	5250-5350	PASS
20	120	5289.992900	5250-5350	PASS
10	120	5289.996652	5250-5350	PASS
0	120	5289.981608	5250-5350	PASS
-10	120	5289.970150	5250-5350	PASS
-20	120	5289.989282	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.976128	5250-5350	PASS
	120	5289.996400	5250-5350	PASS
	132	5289.963047	5250-5350	PASS



## IEEE 802.11ac 80 mode / 5530MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.962966	5475-5725	PASS
40	120	5529.973183	5475-5725	PASS
30	120	5529.958657	5475-5725	PASS
20	120	5529.997500	5475-5725	PASS
10	120	5529.976387	5475-5725	PASS
0	120	5529.970417	5475-5725	PASS
-10	120	5529.995569	5475-5725	PASS
-20	120	5529.970534	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.956846	5475-5725	PASS
	120	5529.994460	5475-5725	PASS
	132	5529.985644	5475-5725	PASS

## IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.955900	5725-5850	PASS
40	120	5774.986623	5725-5850	PASS
30	120	5774.971896	5725-5850	PASS
20	120	5774.998300	5725-5850	PASS
10	120	5774.972575	5725-5850	PASS
0	120	5774.993924	5725-5850	PASS
-10	120	5774.987925	5725-5850	PASS
-20	120	5774.952652	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.966410	5725-5850	PASS
	120	5774.997390	5725-5850	PASS
	132	5774.978436	5725-5850	PASS

**Antenna 1****IEEE 802.11ac 80 mode / 5210MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.957521	5150-5250	PASS
40	120	5209.968731	5150-5250	PASS
30	120	5209.951717	5150-5250	PASS
20	120	5209.995700	5150-5250	PASS
10	120	5209.954441	5150-5250	PASS
0	120	5209.963063	5150-5250	PASS
-10	120	5209.992399	5150-5250	PASS
-20	120	5209.959863	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.953585	5150-5250	PASS
	120	5209.991800	5150-5250	PASS
	132	5209.967734	5150-5250	PASS

**IEEE 802.11ac 80 mode / 5290MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.997260	5250-5350	PASS
40	120	5289.997707	5250-5350	PASS
30	120	5289.990841	5250-5350	PASS
20	120	5290.007000	5250-5350	PASS
10	120	5289.969085	5250-5350	PASS
0	120	5289.970062	5250-5350	PASS
-10	120	5289.951502	5250-5350	PASS
-20	120	5289.986732	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.952602	5250-5350	PASS
	120	5290.005000	5250-5350	PASS
	132	5289.970677	5250-5350	PASS



## IEEE 802.11ac 80 mode / 5530MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.976893	5475-5725	PASS
40	120	5529.967849	5475-5725	PASS
30	120	5529.981043	5475-5725	PASS
20	120	5529.996200	5475-5725	PASS
10	120	5529.975186	5475-5725	PASS
0	120	5529.989221	5475-5725	PASS
-10	120	5529.982736	5475-5725	PASS
-20	120	5529.969192	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.972395	5475-5725	PASS
	120	5529.994100	5475-5725	PASS
	132	5529.960586	5475-5725	PASS

## IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.974607	5725-5850	PASS
40	120	5774.957618	5725-5850	PASS
30	120	5774.992337	5725-5850	PASS
20	120	5774.997300	5725-5850	PASS
10	120	5774.984160	5725-5850	PASS
0	120	5774.999280	5725-5850	PASS
-10	120	5774.984759	5725-5850	PASS
-20	120	5774.958069	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.989555	5725-5850	PASS
	120	5774.995000	5725-5850	PASS
	132	5774.993399	5725-5850	PASS

**Antenna 2****IEEE 802.11ac 80 mode / 5210MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5209.993204	5150-5250	PASS
40	120	5209.952301	5150-5250	PASS
30	120	5209.981132	5150-5250	PASS
20	120	5209.997200	5150-5250	PASS
10	120	5209.966595	5150-5250	PASS
0	120	5209.989520	5150-5250	PASS
-10	120	5209.974577	5150-5250	PASS
-20	120	5209.959667	5150-5250	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5209.957075	5150-5250	PASS
	120	5209.996300	5150-5250	PASS
	132	5209.985933	5150-5250	PASS

**IEEE 802.11ac 80 mode / 5290MHz**

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5289.973451	5250-5350	PASS
40	120	5289.965836	5250-5350	PASS
30	120	5289.969568	5250-5350	PASS
20	120	5289.995700	5250-5350	PASS
10	120	5289.987124	5250-5350	PASS
0	120	5289.965391	5250-5350	PASS
-10	120	5289.952309	5250-5350	PASS
-20	120	5289.976007	5250-5350	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5289.953346	5250-5350	PASS
	120	5289.996200	5250-5350	PASS
	132	5289.976312	5250-5350	PASS



## IEEE 802.11ac 80 mode / 5530MHz

(Low)

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5529.995463	5475-5725	PASS
40	120	5529.985453	5475-5725	PASS
30	120	5529.993448	5475-5725	PASS
20	120	5529.993700	5475-5725	PASS
10	120	5529.995385	5475-5725	PASS
0	120	5529.963381	5475-5725	PASS
-10	120	5529.975070	5475-5725	PASS
-20	120	5529.999314	5475-5725	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5529.969164	5475-5725	PASS
	120	5529.998500	5475-5725	PASS
	132	5529.988839	5475-5725	PASS

## IEEE 802.11ac 80 mode / 5775MHz

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
50	120	5774.972211	5725-5850	PASS
40	120	5774.965001	5725-5850	PASS
30	120	5774.970288	5725-5850	PASS
20	120	5774.998710	5725-5850	PASS
10	120	5774.955027	5725-5850	PASS
0	120	5774.980072	5725-5850	PASS
-10	120	5774.983554	5725-5850	PASS
-20	120	5774.970818	5725-5850	PASS

Environment Temperature (°C)	Voltage (V)	Measured Frequency (MHz)	limit Range	Test Result
20	108	5774.976733	5725-5850	PASS
	120	5774.996300	5725-5850	PASS
	132	5774.974098	5725-5850	PASS