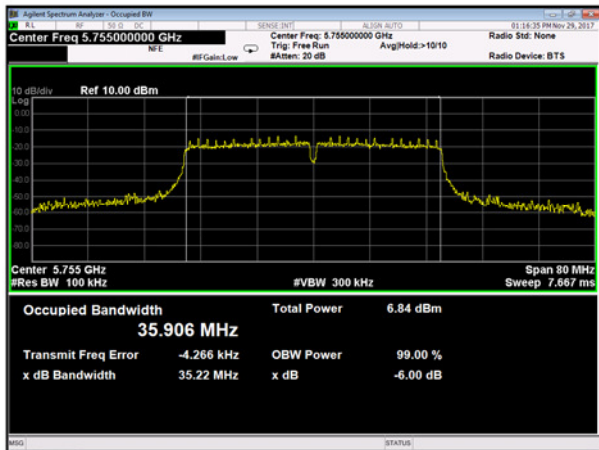


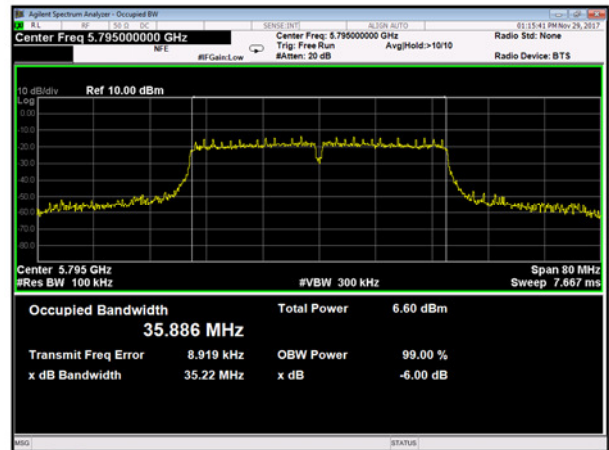


11ac-HT40

5755MHz

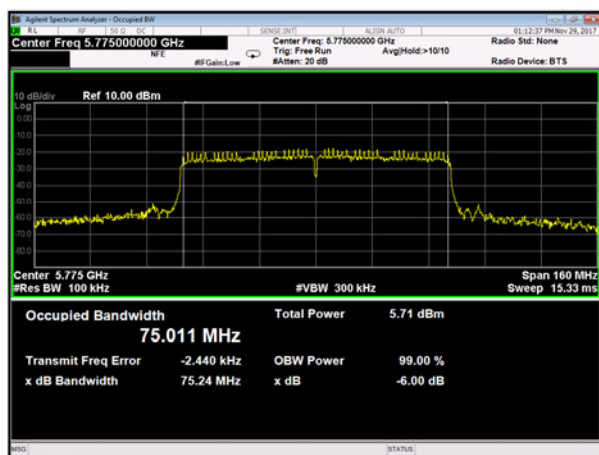


5795MHz



11ac-HT80

5775MHz





7. MAXIMUM PEAK OUTPUT POWER

7.1. Test Procedure

- (1) Connect the EUT RF output port to wideband power meter via calibrated coaxial cable and suitable attenuator (if necessary).
- (2) Activates the EUT System and execute the software prepared for test, if necessary.
- (3) To find out the worst condition, the transmitting data rate of EUT is changed.
- (4) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal.
- (5) Measure the average power of the transmitter.
- (6) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle.

7.2. Test Results

11a Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power (dBm) | Limit (dBm) | Margin for Limit (dB) |
|----------------------------|--------------------------|-----------------------|--------------------------|-------------------------|---------------|-------------------------|
| 5180 | 11.65 | 1.55 | 1.51 | 14.71 | 23.97 | 9.26 |
| 5220 | 11.65 | 1.63 | 1.51 | 14.79 | 23.97 | 9.18 |
| 5240 | 11.65 | 1.67 | 1.51 | 14.83 | 23.97 | 9.14 |
| 5745 | 11.66 | 1.14 | 1.51 | 14.31 | 30.00 | 15.69 |
| 5785 | 11.66 | 1.06 | 1.51 | 14.23 | 30.00 | 15.77 |
| 5825 | 11.66 | 1.35 | 1.51 | 14.52 | 30.00 | 15.48 |



11n-HT20 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5180 | 11.65 | -1.84 | 3.02 | 12.83 | 19.19 |
| 5220 | 11.65 | -1.63 | 3.02 | 13.04 | 20.14 |
| 5240 | 11.65 | -1.58 | 3.02 | 13.09 | 20.38 |
| 5745 | 11.66 | -2.13 | 3.02 | 12.55 | 17.99 |
| 5785 | 11.66 | -2.34 | 3.02 | 12.34 | 17.14 |
| 5825 | 11.66 | -1.97 | 3.02 | 12.71 | 18.67 |

11n-HT20 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5180 | 11.65 | -3.23 | 3.02 | 11.44 | 13.94 |
| 5220 | 11.65 | -3.20 | 3.02 | 11.47 | 14.03 |
| 5240 | 11.65 | -3.51 | 3.02 | 11.16 | 13.07 |
| 5745 | 11.66 | -2.83 | 3.02 | 11.85 | 15.32 |
| 5785 | 11.66 | -2.75 | 3.02 | 11.93 | 15.60 |
| 5825 | 11.66 | -2.81 | 3.02 | 11.87 | 15.39 |

11n-HT20 Ant A+B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Conducted Power (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|-----------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5180 | 19.19 | 13.94 | 33.13 | 15.20 | 23.97 | 8.77 |
| 5220 | 20.14 | 14.03 | 34.17 | 15.34 | 23.97 | 8.63 |
| 5240 | 20.38 | 13.07 | 33.45 | 15.24 | 23.97 | 8.73 |
| 5745 | 17.99 | 15.32 | 33.31 | 15.23 | 30.00 | 14.77 |
| 5785 | 17.14 | 15.60 | 32.74 | 15.15 | 30.00 | 14.85 |
| 5825 | 18.67 | 15.39 | 34.06 | 15.32 | 30.00 | 14.68 |



11n-HT40 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5190 | 11.65 | -0.84 | 1.97 | 12.78 | 18.97 |
| 5230 | 11.65 | -0.62 | 1.97 | 13.00 | 19.96 |
| 5755 | 11.66 | -0.97 | 1.97 | 12.66 | 18.46 |
| 5795 | 11.66 | -1.06 | 1.97 | 12.57 | 18.08 |

11n-HT40 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5190 | 11.65 | -2.03 | 1.97 | 11.59 | 14.43 |
| 5230 | 11.65 | -1.93 | 1.97 | 11.69 | 14.76 |
| 5755 | 11.66 | -1.50 | 1.97 | 12.13 | 16.34 |
| 5795 | 11.66 | -1.71 | 1.97 | 11.92 | 15.56 |

11n-HT40 Ant A+B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Conducted Power (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|-----------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5190 | 18.97 | 14.43 | 33.40 | 15.24 | 23.97 | 8.73 |
| 5230 | 19.96 | 14.76 | 34.72 | 15.41 | 23.97 | 8.56 |
| 5755 | 18.46 | 16.34 | 34.80 | 15.42 | 30.00 | 14.58 |
| 5795 | 18.08 | 15.56 | 33.64 | 15.27 | 30.00 | 14.73 |



11ac-HT20 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|-----------------------------|---------------------------|------------------------|---------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5180 | 11.65 | -0.84 | 1.89 | 12.70 | 18.63 |
| 5220 | 11.65 | -1.02 | 1.89 | 12.52 | 17.87 |
| 5240 | 11.65 | -0.78 | 1.89 | 12.76 | 18.88 |
| 5745 | 11.66 | -0.83 | 1.89 | 12.72 | 18.71 |
| 5785 | 11.66 | -1.02 | 1.89 | 12.53 | 17.91 |
| 5825 | 11.66 | -1.09 | 1.89 | 12.46 | 17.62 |

11ac-HT20 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|-----------------------------|---------------------------|------------------------|---------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5180 | 11.65 | -2.54 | 1.89 | 11.00 | 12.59 |
| 5220 | 11.65 | -2.05 | 1.89 | 11.49 | 14.10 |
| 5240 | 11.65 | -1.69 | 1.89 | 11.85 | 15.32 |
| 5745 | 11.66 | -1.74 | 1.89 | 11.81 | 15.18 |
| 5785 | 11.66 | -1.85 | 1.89 | 11.70 | 14.80 |
| 5825 | 11.66 | -1.81 | 1.89 | 11.74 | 14.93 |

11ac-HT20 Ant A+B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Conducted Power (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|-----------------------------|---------------|---------------|--------------------------------|-------|----------------|--------------------------|
| | | | (mW) | (dBm) | | |
| 5180 | 18.63 | 12.59 | 31.22 | 14.94 | 23.97 | 9.03 |
| 5220 | 17.87 | 14.10 | 31.97 | 15.05 | 23.97 | 8.92 |
| 5240 | 18.88 | 15.32 | 34.20 | 15.34 | 23.97 | 8.63 |
| 5745 | 18.71 | 15.18 | 33.89 | 15.30 | 30.00 | 14.70 |
| 5785 | 17.91 | 14.80 | 32.71 | 15.15 | 30.00 | 14.85 |
| 5825 | 17.62 | 14.93 | 32.55 | 15.13 | 30.00 | 14.87 |



11ac-HT40 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5190 | 11.65 | -5.79 | 5.35 | 11.21 | 13.22 |
| 5230 | 11.65 | -5.90 | 5.35 | 11.10 | 12.89 |
| 5755 | 11.66 | -5.86 | 5.35 | 11.15 | 13.04 |
| 5795 | 11.66 | -5.74 | 5.35 | 11.27 | 13.40 |

11ac-HT40 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|------|
| | | | | (dBm) | (mW) |
| 5190 | 11.65 | -8.25 | 5.35 | 8.75 | 7.50 |
| 5230 | 11.65 | -8.39 | 5.35 | 8.61 | 7.27 |
| 5755 | 11.66 | -7.33 | 5.35 | 9.68 | 9.29 |
| 5795 | 11.66 | -7.15 | 5.35 | 9.86 | 9.69 |

11ac-HT40 Ant A+B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Conducted Power (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|-----------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5190 | 13.22 | 7.50 | 20.72 | 13.16 | 23.97 | 10.81 |
| 5230 | 12.89 | 7.27 | 20.16 | 13.04 | 23.97 | 10.93 |
| 5755 | 13.04 | 9.29 | 22.33 | 13.49 | 30.00 | 16.51 |
| 5795 | 13.40 | 9.69 | 23.09 | 13.63 | 30.00 | 16.37 |



11ac-HT80 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5210 | 11.65 | -6.04 | 4.98 | 10.59 | 11.46 |
| 5775 | 11.66 | -6.14 | 4.98 | 10.50 | 11.23 |

11ac-HT80 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conducted Power | |
|--------------------------|------------------------|---------------------|------------------------|-----------------|-------|
| | | | | (dBm) | (mW) |
| 5210 | 11.65 | -7.68 | 4.98 | 8.95 | 7.86 |
| 5775 | 11.66 | -6.32 | 4.98 | 10.32 | 10.77 |

11ac-HT80 Ant A+B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Conducted Power (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|-----------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5210 | 11.46 | 7.86 | 19.32 | 12.86 | 23.97 | 11.11 |
| 5775 | 11.23 | 10.77 | 22.00 | 13.42 | 30.00 | 16.58 |

[Note]

Correction Factor includes the cable loss and attenuator loss.

[Calculation method]

Conducted Output Power (dBm)

= Meter Reading (dBm) + Correction Factor (dB) + Duty Cycle Factor (dB) (*)

(*) See next page

| Tested Date | Environment | |
|------------------|-------------|----------|
| | Temperature | Humidity |
| 29 November 2017 | 22 °C | 35 % |



Duty Cycle



| | 11a | 11n-HT20 | 11n-HT40 | 11ac-HT20 | 11ac-HT40 | 11ac-HT80 |
|-------------------------------|--------|----------|----------|-----------|-----------|-----------|
| Tx on | 496.00 | 204.00 | 355.70 | 375.70 | 84.00 | 95.00 |
| Tx on + Tx off | 702.00 | 409.00 | 559.70 | 581.10 | 288.00 | 299.00 |
| Duty Cycle | 0.71 | 0.50 | 0.64 | 0.65 | 0.29 | 0.32 |
| Duty Cycle Factor (dB) | 1.51 | 3.02 | 1.97 | 1.89 | 5.35 | 4.98 |

[Calculation method]
 Duty Cycle = (Tx on) / (Tx on + Tx off)
 Duty Cycle Factor (dB) = 10Log (1/Duty Cycle)

8. POWER SPECTRAL DENSITY

8.1. Test Procedure

- (1) Connect the EUT RF output port to spectrum analyzer (*1) via calibrated coaxial cable and suitable attenuator (if necessary).
- (2) Activates the EUT System and execute the software prepared for test, if necessary.
- (3) To find out the worst condition, the transmitting data rate of EUT is changed.
- (4) If the transmitter does not transmit continuously, measure the duty cycle, x , of the transmitter output signal.
- (5) Record the spectral density perform peak search using the spectrum analyzer.
- (6) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle.

[Note]

(*1) Spectrum Analyzer Set Up Conditions

Resolution bandwidth : 1MHz
Video bandwidth : $\geq 3 \times \text{RBW}$
Detector function : RMS
Trace average : 100 times

Spectrum Analyzer Set Up Conditions (operating in the band 5.725-5.85GHz)

Resolution bandwidth : 470kHz
Video bandwidth : $\geq 3 \times \text{RBW}$
Detector function : RMS
Trace average : 100 times



8.2. Test Results

11a Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density (dBm) | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------------|-------------|-----------------------|
| 5180 | 12.29 | -10.45 | 1.51 | - | 3.35 | 11.00 | 7.65 |
| 5220 | 12.29 | -10.51 | 1.51 | - | 3.29 | 11.00 | 7.71 |
| 5240 | 12.29 | -10.67 | 1.51 | - | 3.13 | 11.00 | 7.87 |
| 5745 | 12.33 | -14.08 | 1.51 | 0.27 | 0.03 | 30.00 | 29.97 |
| 5785 | 12.33 | -14.27 | 1.51 | 0.27 | -0.16 | 30.00 | 30.16 |
| 5825 | 12.34 | -14.14 | 1.51 | 0.27 | -0.02 | 30.00 | 30.02 |



11n-HT20 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5180 | 12.29 | -13.93 | 3.02 | - | 1.38 | 1.38 |
| 5220 | 12.29 | -12.63 | 3.02 | - | 2.68 | 1.86 |
| 5240 | 12.29 | -12.74 | 3.02 | - | 2.57 | 1.81 |
| 5745 | 12.33 | -16.01 | 3.02 | 0.27 | -0.39 | 0.92 |
| 5785 | 12.33 | -16.38 | 3.02 | 0.27 | -0.76 | 0.84 |
| 5825 | 12.34 | -16.52 | 3.02 | 0.27 | -0.89 | 0.82 |

11n-HT20 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5180 | 12.29 | -13.88 | 3.02 | - | 1.43 | 1.39 |
| 5220 | 12.29 | -14.71 | 3.02 | - | 0.60 | 1.15 |
| 5240 | 12.29 | -13.93 | 3.02 | - | 1.38 | 1.38 |
| 5745 | 12.33 | -16.98 | 3.02 | 0.27 | -1.36 | 0.74 |
| 5785 | 12.33 | -17.12 | 3.02 | 0.27 | -1.50 | 0.71 |
| 5825 | 12.34 | -17.53 | 3.02 | 0.27 | -1.90 | 0.65 |

11n-HT20 Ant A + B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Power Spectral Density (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|------------------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5180 | 1.38 | 1.39 | 2.77 | 4.42 | 11.00 | 6.58 |
| 5220 | 1.86 | 1.15 | 3.01 | 4.79 | 11.00 | 6.21 |
| 5240 | 1.81 | 1.38 | 3.19 | 5.04 | 11.00 | 5.96 |
| 5745 | 0.92 | 0.74 | 1.66 | 2.20 | 30.00 | 27.80 |
| 5785 | 0.84 | 0.71 | 1.55 | 1.90 | 30.00 | 28.10 |
| 5825 | 0.82 | 0.65 | 1.47 | 1.67 | 30.00 | 28.33 |



11n-HT40 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5190 | 12.29 | -15.56 | 1.97 | - | -1.30 | 0.75 |
| 5230 | 12.29 | -15.16 | 1.97 | - | -0.90 | 0.82 |
| 5755 | 12.33 | -18.53 | 1.97 | 0.27 | -3.96 | 0.41 |
| 5795 | 12.33 | -18.54 | 1.97 | 0.27 | -3.97 | 0.41 |

11n-HT40 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5190 | 12.29 | -16.39 | 1.97 | - | -2.13 | 0.62 |
| 5230 | 12.29 | -16.20 | 1.97 | - | -1.94 | 0.64 |
| 5755 | 12.33 | -18.34 | 1.97 | 0.27 | -3.77 | 0.42 |
| 5795 | 12.33 | -19.73 | 1.97 | 0.27 | -5.16 | 0.31 |

11n-HT40 Ant A + B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Power Spectral Density (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|------------------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5190 | 0.75 | 0.62 | 1.37 | 1.37 | 11.00 | 9.63 |
| 5230 | 0.82 | 0.64 | 1.46 | 1.64 | 11.00 | 9.36 |
| 5755 | 0.41 | 0.42 | 0.83 | -0.81 | 30.00 | 30.81 |
| 5795 | 0.41 | 0.31 | 0.72 | -1.43 | 30.00 | 31.43 |



11ac-HT20 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5180 | 12.29 | -12.27 | 1.89 | - | 1.91 | 1.56 |
| 5220 | 12.29 | -11.94 | 1.89 | - | 2.24 | 1.68 |
| 5240 | 12.29 | -12.01 | 1.89 | - | 2.17 | 1.65 |
| 5745 | 12.33 | -15.71 | 1.89 | 0.27 | -1.22 | 0.76 |
| 5785 | 12.33 | -15.66 | 1.89 | 0.27 | -1.17 | 0.77 |
| 5825 | 12.34 | -15.44 | 1.89 | 0.27 | -0.94 | 0.81 |

11ac-HT20 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5180 | 12.29 | -14.08 | 1.89 | - | 0.10 | 1.03 |
| 5220 | 12.29 | -13.61 | 1.89 | - | 0.57 | 1.15 |
| 5240 | 12.29 | -13.62 | 1.89 | - | 0.56 | 1.14 |
| 5745 | 12.33 | -16.15 | 1.89 | 0.27 | -1.66 | 0.69 |
| 5785 | 12.33 | -16.41 | 1.89 | 0.27 | -1.92 | 0.65 |
| 5825 | 12.34 | -16.95 | 1.89 | 0.27 | -2.45 | 0.57 |

11ac-HT20 Ant A + B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Power Spectral Density (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|------------------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5180 | 1.56 | 1.03 | 2.59 | 4.13 | 11.00 | 6.87 |
| 5220 | 1.68 | 1.15 | 2.83 | 4.52 | 11.00 | 6.48 |
| 5240 | 1.65 | 1.14 | 2.79 | 4.46 | 11.00 | 6.54 |
| 5745 | 0.76 | 0.69 | 1.45 | 1.61 | 30.00 | 28.39 |
| 5785 | 0.77 | 0.65 | 1.42 | 1.52 | 30.00 | 28.48 |
| 5825 | 0.81 | 0.57 | 1.38 | 1.40 | 30.00 | 28.60 |



11ac-HT40 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5190 | 12.29 | -20.00 | 5.35 | - | -2.36 | 0.59 |
| 5230 | 12.29 | -19.44 | 5.35 | - | -1.80 | 0.67 |
| 5755 | 12.33 | -22.62 | 5.35 | 0.27 | -4.67 | 0.35 |
| 5795 | 12.33 | -22.87 | 5.35 | 0.27 | -4.92 | 0.33 |

11ac-HT40 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5190 | 12.29 | -21.60 | 5.35 | - | -3.96 | 0.41 |
| 5230 | 12.29 | -22.09 | 5.35 | - | -4.45 | 0.36 |
| 5755 | 12.33 | -23.66 | 5.35 | 0.27 | -5.71 | 0.27 |
| 5795 | 12.33 | -23.99 | 5.35 | 0.27 | -6.04 | 0.25 |

11ac-HT40 Ant A + B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Power Spectral Density (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|------------------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5190 | 0.59 | 0.41 | 1.00 | 0.00 | 11.00 | 11.00 |
| 5230 | 0.67 | 0.36 | 1.03 | 0.13 | 11.00 | 10.87 |
| 5755 | 0.35 | 0.27 | 0.62 | -2.08 | 30.00 | 32.08 |
| 5795 | 0.33 | 0.25 | 0.58 | -2.37 | 30.00 | 32.37 |



11ac-HT80 Ant A

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5210 | 12.29 | -22.64 | 4.98 | - | -5.37 | 0.30 |
| 5775 | 12.33 | -25.13 | 4.98 | 0.27 | -7.55 | 0.18 |

11ac-HT80 Ant B

| Measured Frequency (MHz) | Correction Factor (dB) | Meter Reading (dBm) | Duty Cycle Factor (dB) | Conversion Factor RBW(470kHz to 500kHz) (dB) | Power Spectral Density | |
|--------------------------|------------------------|---------------------|------------------------|--|------------------------|------|
| | | | | | (dBm) | (mW) |
| 5210 | 12.29 | -24.71 | 4.98 | - | -7.44 | 0.19 |
| 5775 | 12.33 | -26.64 | 4.98 | 0.27 | -9.06 | 0.13 |

11ac-HT80 Ant A + B

| Measured Frequency (MHz) | Ant A (mW) | Ant B (mW) | Power Spectral Density (Ant A + B) | | Limit (dBm) | Margin for Limit (dB) |
|--------------------------|------------|------------|------------------------------------|-------|-------------|-----------------------|
| | | | (mW) | (dBm) | | |
| 5210 | 0.30 | 0.19 | 0.49 | -3.10 | 11.00 | 14.10 |
| 5775 | 0.18 | 0.13 | 0.31 | -5.09 | 30.00 | 35.09 |

[Note]

- (1) Correction Factor includes the cable loss and attenuator loss.
- (2) See next page figure.

[Calculation method]

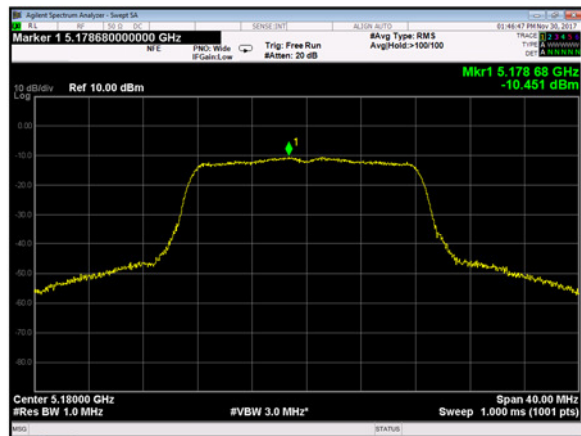
Maximum Power Spectral Density (dBm)
 = Meter Reading (dBm) + Correction Factor (dB) + Duty Cycle Factor (dB) (*) + Conversion Factor (dB)
 (*) See page 33.

| Tested Date | Environment | |
|------------------|-------------|----------|
| | Temperature | Humidity |
| 29 November 2017 | 22 °C | 35 % |

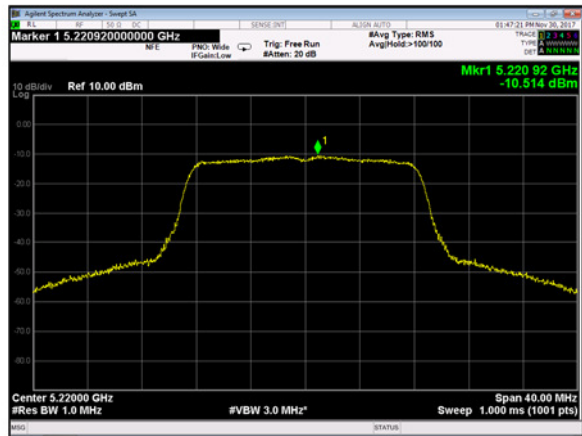


11a

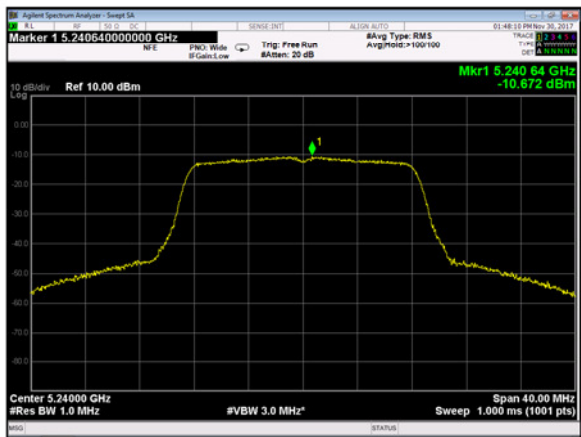
5180MHz



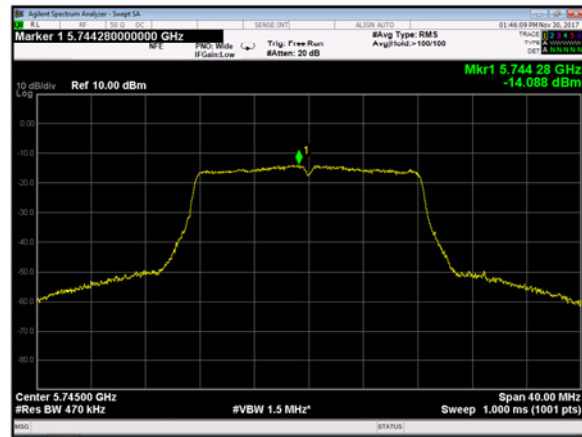
5220MHz



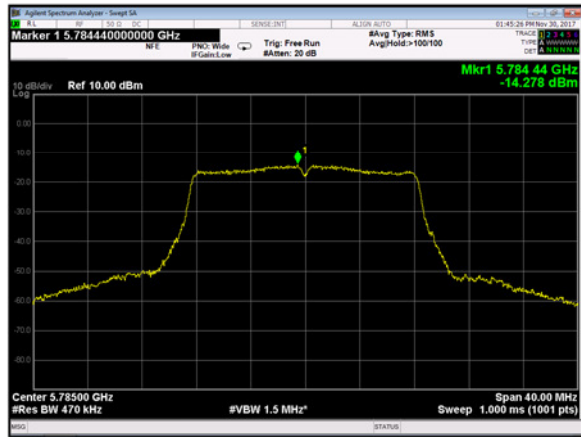
5240MHz



5745MHz



5785MHz



5825MHz

