

Appendix D

Peak & MIMO power

2.4G RF-Avg

| Main(TX0) | | | | Aux(TX1) | | | |
|---------------|-----------------|----------------------------|------------------|---------------|-----------------|----------------------------|------------------|
| 802.11b | | Average Power Output (dBm) | | 802.11b | | Average Power Output (dBm) | |
| CH | Frequency (MHz) | Data Rate (Mbps) | | CH | Frequency (MHz) | Data Rate (Mbps) | |
| | | 1 | | | | 1 | |
| 1 | 2412 | 17.96 | | 1 | 2412 | 18.00 | |
| 6 | 2437 | 17.99 | | 6 | 2437 | 18.00 | |
| 11 | 2462 | 18.00 | | 11 | 2462 | 17.96 | |
| 12 | 2467 | 17.89 | | 12 | 2467 | 17.88 | |
| 13 | 2472 | 15.71 | | 13 | 2472 | 16.70 | |
| 802.11g | | Average Power Output(dBm) | | 802.11g | | Average Power Output(dBm) | |
| CH | Frequency (MHz) | Data Rate (Mbps) | | CH | Frequency (MHz) | Data Rate (Mbps) | |
| | | 6 | | | | 6 | |
| 1 | 2412 | 17.80 | | 1 | 2412 | 17.95 | |
| 6 | 2437 | 17.75 | | 6 | 2437 | 17.87 | |
| 11 | 2462 | 17.89 | | 11 | 2462 | 17.77 | |
| 12 | 2467 | 14.92 | | 12 | 2467 | 14.65 | |
| 13 | 2472 | 11.66 | | 13 | 2472 | 11.87 | |
| 802.11n HT20 | | Average Power Output(dBm) | | 802.11n HT20 | | Average Power Output(dBm) | |
| CH | Frequency (MHz) | Data Rate (Mbps) | | CH | Frequency (MHz) | Data Rate (Mbps) | |
| | | MCS0 | | | | MCS0 | |
| 1 | 2412 | 17.84 | | 1 | 2412 | 17.76 | |
| 6 | 2437 | 17.90 | | 6 | 2437 | 17.78 | |
| 11 | 2462 | 17.89 | | 11 | 2462 | 17.92 | |
| 12 | 2467 | 14.90 | | 12 | 2467 | 14.57 | |
| 13 | 2472 | 11.64 | | 13 | 2472 | 11.93 | |
| 802.11n HT40 | | Average Power Output(dBm) | | 802.11n HT40 | | Average Power Output(dBm) | |
| CH | Frequency (MHz) | Data Rate (Mbps) | | CH | Frequency (MHz) | Data Rate (Mbps) | |
| | | MCS0 | | | | MCS0 | |
| 3 | 2422 | 15.36 | | 3 | 2422 | 15.68 | |
| 6 | 2437 | 17.35 | | 6 | 2437 | 17.65 | |
| 9 | 2452 | 15.34 | | 9 | 2452 | 16.76 | |
| 10 | 2457 | 12.05 | | 10 | 2457 | 12.33 | |
| 11 | 2462 | 9.60 | | 11 | 2462 | 10.65 | |
| 802.11ax HE20 | | Average Power Output(dBm) | | 802.11ax HE20 | | Average Power Output(dBm) | |
| CH | Frequency (MHz) | RU Config | Data Rate (Mbps) | CH | Frequency (MHz) | RU Config | Data Rate (Mbps) |
| | | | MCS0 | | | | MCS0 |
| 1 | 2412 | full | 17.84 | 1 | 2412 | full | 17.89 |
| 6 | 2437 | full | 17.84 | 6 | 2437 | full | 17.92 |
| 11 | 2462 | full | 17.94 | 11 | 2462 | full | 17.76 |
| 12 | 2467 | full | 14.80 | 12 | 2467 | full | 14.63 |
| 13 | 2472 | full | 11.58 | 13 | 2472 | full | 11.77 |
| 802.11ax HE40 | | Average Power Output(dBm) | | 802.11ax HE40 | | Average Power Output(dBm) | |
| CH | Frequency (MHz) | RU Config | Data Rate (Mbps) | CH | Frequency (MHz) | RU Config | Data Rate (Mbps) |
| | | | MCS0 | | | | MCS0 |
| 3 | 2422 | full | 15.38 | 3 | 2422 | full | 15.67 |
| 6 | 2437 | full | 17.31 | 6 | 2437 | full | 17.51 |
| 9 | 2452 | full | 15.43 | 9 | 2452 | full | 16.87 |
| 10 | 2457 | full | 12.16 | 10 | 2457 | full | 12.29 |
| 11 | 2462 | full | 9.55 | 11 | 2462 | full | 10.67 |

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2.4G RF-Peak

Main(TX0)

| 802.11b | | Peak Power Output(dBm) |
|---------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | 1 |
| 1 | 2412 | 21.82 |
| 2 | 2417 | 21.68 |
| 6 | 2437 | 21.71 |
| 10 | 2457 | 21.65 |
| 11 | 2462 | 21.72 |
| 12 | 2467 | 21.66 |
| 13 | 2472 | 19.21 |

Aux(TX1)

| 802.11b | | Peak Power Output(dBm) |
|---------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | 1 |
| 1 | 2412 | 21.73 |
| 2 | 2417 | 21.67 |
| 6 | 2437 | 21.81 |
| 10 | 2457 | 21.62 |
| 11 | 2462 | 21.65 |
| 12 | 2467 | 21.77 |
| 13 | 2472 | 20.35 |

MIMO

| 802.11g | | Peak Power Output(dBm) |
|---------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | 6 |
| 1 | 2412 | 22.33 |
| 2 | 2417 | 22.26 |
| 6 | 2437 | 22.32 |
| 10 | 2457 | 22.28 |
| 11 | 2462 | 22.41 |
| 12 | 2467 | 19.82 |
| 13 | 2472 | 17.13 |

| 802.11g | | Peak Power Output(dBm) |
|---------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | 6 |
| 1 | 2412 | 22.53 |
| 2 | 2417 | 22.41 |
| 6 | 2437 | 22.47 |
| 10 | 2457 | 22.39 |
| 11 | 2462 | 22.43 |
| 12 | 2467 | 19.36 |
| 13 | 2472 | 17.34 |

| 802.11n HT20 | | Peak Power Output(dBm) |
|--------------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | MCS0 |
| 1 | 2412 | 22.41 |
| 2 | 2417 | 22.38 |
| 6 | 2437 | 22.56 |
| 10 | 2457 | 22.34 |
| 11 | 2462 | 22.53 |
| 12 | 2467 | 19.81 |
| 13 | 2472 | 17.28 |

| 802.11n HT20 | | Peak Power Output(dBm) |
|--------------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | MCS0 |
| 1 | 2412 | 22.42 |
| 2 | 2417 | 22.36 |
| 6 | 2437 | 22.46 |
| 10 | 2457 | 22.38 |
| 11 | 2462 | 22.55 |
| 12 | 2467 | 19.37 |
| 13 | 2472 | 17.55 |

| 802.11n HT20 | | Peak Power Output(dBm) | | |
|--------------|-----------------|------------------------|-------|--------|
| CH | Frequency (MHz) | Data Rate (Mbps) | | |
| | | MCS8 | | |
| | | ch 0 | ch 1 | ch 0+1 |
| 1 | 2412 | 22.28 | 22.35 | 25.33 |
| 2 | 2417 | 22.10 | 22.06 | 25.09 |
| 6 | 2437 | 22.28 | 22.18 | 25.24 |
| 10 | 2457 | 22.23 | 22.22 | 25.24 |
| 11 | 2462 | 22.48 | 22.31 | 25.41 |
| 12 | 2467 | 19.66 | 19.06 | 22.38 |
| 13 | 2472 | 16.95 | 17.22 | 20.10 |

| 802.11n HT40 | | Peak Power Output(dBm) |
|--------------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | MCS0 |
| 3 | 2422 | 21.16 |
| 6 | 2437 | 23.03 |
| 9 | 2452 | 21.37 |
| 10 | 2457 | 17.96 |
| 11 | 2462 | 15.93 |

| 802.11n HT40 | | Peak Power Output(dBm) |
|--------------|-----------------|------------------------|
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | MCS0 |
| 3 | 2422 | 21.66 |
| 6 | 2437 | 23.18 |
| 9 | 2452 | 22.71 |
| 10 | 2457 | 18.03 |
| 11 | 2462 | 16.96 |

| 802.11n HT40 | | Peak Power Output(dBm) | | |
|--------------|-----------------|------------------------|-------|--------|
| CH | Frequency (MHz) | Data Rate (Mbps) | | |
| | | MCS8 | | |
| | | ch 0 | ch 1 | ch 0+1 |
| 3 | 2422 | 20.83 | 21.41 | 24.14 |
| 6 | 2437 | 22.78 | 23.09 | 25.95 |
| 9 | 2452 | 21.10 | 22.65 | 24.95 |
| 10 | 2457 | 17.71 | 17.98 | 20.86 |
| 11 | 2462 | 15.86 | 16.69 | 19.31 |

| 802.11ax HE20 | | RU Config | Peak Power Output(dBm) |
|---------------|-----------------|-----------|------------------------|
| CH | Frequency (MHz) | | Data Rate (Mbps) |
| | | | MCS0 |
| 1 | 2412 | full | 22.48 |
| 6 | 2437 | full | 22.64 |
| 11 | 2462 | full | 22.52 |
| 12 | 2467 | full | 19.72 |
| 13 | 2472 | full | 17.59 |

| 802.11ax HE20 | | RU Config | Peak Power Output(dBm) |
|---------------|-----------------|-----------|------------------------|
| CH | Frequency (MHz) | | Data Rate (Mbps) |
| | | | MCS0 |
| 1 | 2412 | full | 22.59 |
| 6 | 2437 | full | 22.61 |
| 11 | 2462 | full | 22.55 |
| 12 | 2467 | full | 19.54 |
| 13 | 2472 | full | 17.82 |

| 802.11 ax (20M) | | RU Config | Peak Power Output(dBm) | | |
|-----------------|-----------------|-----------|------------------------|--------|-------|
| CH | Frequency (MHz) | | Data Rate (Mbps) | | |
| | | MCS0 | | | |
| | | ch 0 | ch 1 | ch 0+1 | |
| 1 | 2412 | full | 22.28 | 22.45 | 25.38 |
| 6 | 2437 | full | 22.53 | 22.34 | 25.45 |
| 11 | 2462 | full | 22.18 | 22.32 | 25.26 |
| 12 | 2467 | full | 19.64 | 19.26 | 22.46 |
| 13 | 2472 | full | 17.42 | 17.53 | 20.49 |

| 802.11ax HE40 | | RU Config | Peak Power Output(dBm) |
|---------------|-----------------|-----------|------------------------|
| CH | Frequency (MHz) | | Data Rate (Mbps) |
| | | | MCS0 |
| 3 | 2422 | full | 21.13 |
| 6 | 2437 | full | 22.99 |
| 9 | 2452 | full | 21.45 |
| 10 | 2457 | full | 17.89 |
| 11 | 2462 | full | 15.95 |

| 802.11ax HE40 | | RU Config | Peak Power Output(dBm) |
|---------------|-----------------|-----------|------------------------|
| CH | Frequency (MHz) | | Data Rate (Mbps) |
| | | | MCS0 |
| 3 | 2422 | full | 21.70 |
| 6 | 2437 | full | 23.21 |
| 9 | 2452 | full | 22.83 |
| 10 | 2457 | full | 18.02 |
| 11 | 2462 | full | 16.98 |

| 802.11 ax (40M) | | RU Config | Peak Power Output(dBm) | | |
|-----------------|-----------------|-----------|------------------------|--------|-------|
| CH | Frequency (MHz) | | Data Rate (Mbps) | | |
| | | MCS0 | | | |
| | | ch 0 | ch 1 | ch 0+1 | |
| 3 | 2422 | full | 20.82 | 21.47 | 24.17 |
| 6 | 2437 | full | 22.94 | 22.89 | 25.93 |
| 9 | 2452 | full | 21.34 | 22.63 | 25.04 |
| 10 | 2457 | full | 17.78 | 17.88 | 20.84 |
| 11 | 2462 | full | 15.83 | 16.88 | 19.40 |

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| | | <i>by power meter</i> | | <i>unit: dBm</i> |
|-------------|--|-----------------------|-------------|------------------|
| 1M | | 2402 | 2441 | 2480 |
| <i>Avg</i> | | 9.12 | 9.22 | 9.55 |
| <i>Peak</i> | | 9.53 | 9.65 | 9.77 |
| 2M | | 2402 | 2441 | 2480 |
| <i>Avg</i> | | 6.90 | 6.94 | 6.99 |
| <i>Peak</i> | | 8.41 | 8.55 | 8.62 |
| 3M | | 2402 | 2441 | 2480 |
| <i>Avg</i> | | 6.88 | 6.82 | 6.93 |
| <i>Peak</i> | | 8.44 | 8.58 | 8.64 |

| | | <i>by power meter</i> | | <i>unit: dBm</i> |
|---------------|--|-----------------------|-------------|------------------|
| BLE 1M | | 2402 | 2440 | 2480 |
| <i>Avg</i> | | 6.78 | 6.82 | 6.87 |
| <i>Peak</i> | | 7.67 | 7.72 | 7.79 |

| | | <i>by power meter</i> | | <i>unit: dBm</i> |
|---------------|--|-----------------------|-------------|------------------|
| BLE 2M | | 2402 | 2440 | 2480 |
| <i>Avg</i> | | 6.21 | 6.35 | 6.28 |
| <i>Peak</i> | | 7.95 | 8.03 | 8.11 |

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RF_Avg_MIMO

Main(TX0)

| 802.11a | | Average Power Output(dBm) |
|---------------------|-----------------|---------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | 6 |
| 36 | 5180 | 12.85 |
| 44 | 5220 | 12.86 |
| 48 | 5240 | 12.88 |
| 52 | 5260 | 13.27 |
| 60 | 5300 | 13.35 |
| 64 | 5320 | 13.30 |
| 100 | 5500 | 14.39 |
| 116 | 5580 | 14.38 |
| 140 | 5700 | 14.47 |
| 149 | 5745 | 14.95 |
| 157 | 5785 | 14.85 |
| 165 | 5825 | 14.85 |
| 169 | 5845 | 14.79 |
| 173 | 5865 | 14.83 |
| 177 | 5885 | 14.88 |

Aux(TX1)

| 802.11a | | Average Power Output(dBm) |
|---------------------|-----------------|---------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | 6 |
| 36 | 5180 | 12.82 |
| 44 | 5220 | 12.93 |
| 48 | 5240 | 12.86 |
| 52 | 5260 | 12.86 |
| 60 | 5300 | 12.94 |
| 64 | 5320 | 12.79 |
| 100 | 5500 | 13.33 |
| 116 | 5580 | 13.44 |
| 140 | 5700 | 13.39 |
| 149 | 5745 | 13.32 |
| 157 | 5785 | 13.40 |
| 165 | 5825 | 13.33 |
| 169 | 5845 | 13.41 |
| 173 | 5865 | 13.28 |
| 177 | 5885 | 13.31 |

MIMO

| 802.11n HT20 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS 0 |
| 36 | 5180 | 12.84 |
| 44 | 5220 | 12.80 |
| 48 | 5240 | 12.89 |
| 52 | 5260 | 13.28 |
| 60 | 5300 | 13.45 |
| 64 | 5320 | 13.47 |
| 100 | 5500 | 14.38 |
| 116 | 5580 | 14.43 |
| 140 | 5700 | 14.27 |
| 144 | 5720 | 14.22 |
| 149 | 5745 | 14.96 |
| 157 | 5785 | 14.78 |
| 165 | 5825 | 14.94 |
| 169 | 5845 | 14.82 |
| 173 | 5865 | 14.91 |
| 177 | 5885 | 14.82 |

| 802.11n HT20 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS 0 |
| 36 | 5180 | 12.86 |
| 44 | 5220 | 12.77 |
| 48 | 5240 | 12.90 |
| 52 | 5260 | 12.84 |
| 60 | 5300 | 12.90 |
| 64 | 5320 | 12.97 |
| 100 | 5500 | 13.31 |
| 116 | 5580 | 13.38 |
| 140 | 5700 | 13.29 |
| 144 | 5720 | 13.21 |
| 149 | 5745 | 13.46 |
| 157 | 5785 | 13.33 |
| 165 | 5825 | 13.39 |
| 169 | 5845 | 13.29 |
| 173 | 5865 | 13.33 |
| 177 | 5885 | 13.41 |

| 802.11 n(20M) | | Average Power Output(dBm) | Average Power + factor(dBm) | |
|------------------|-----------------|---------------------------|-----------------------------|--------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) | |
| CH | Frequency (MHz) | MCS 8 | | Ch 0+1 |
| | | Ch0 | Ch1 | |
| 36 | 5180 | 12.18 | 12.11 | 15.16 |
| 44 | 5220 | 11.98 | 12.25 | 15.13 |
| 48 | 5240 | 12.25 | 12.31 | 15.29 |
| 52 | 5260 | 13.12 | 12.77 | 15.96 |
| 60 | 5300 | 13.34 | 12.69 | 16.04 |
| 64 | 5320 | 13.32 | 12.89 | 16.12 |
| 100 | 5500 | 14.29 | 13.24 | 16.81 |
| 116 | 5580 | 14.31 | 13.23 | 16.81 |
| 140 | 5700 | 14.20 | 13.20 | 16.74 |
| 144 | 5720 | 14.05 | 13.11 | 16.62 |
| 149 | 5745 | 14.74 | 13.39 | 17.13 |
| 157 | 5785 | 14.57 | 13.23 | 16.96 |
| 165 | 5825 | 14.77 | 13.20 | 17.07 |
| 169 | 5845 | 14.74 | 13.20 | 17.05 |
| 173 | 5865 | 14.81 | 13.25 | 17.11 |
| 177 | 5885 | 14.77 | 13.38 | 17.14 |

| 802.11n HT40 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS 0 |
| 38 | 5190 | 12.83 |
| 46 | 5230 | 12.83 |
| 54 | 5270 | 13.29 |
| 62 | 5310 | 13.31 |
| 102 | 5510 | 14.42 |
| 110 | 5550 | 14.35 |
| 134 | 5670 | 14.39 |
| 142 | 5710 | 14.34 |
| 151 | 5755 | 14.90 |
| 159 | 5795 | 14.88 |
| 167 | 5835 | 14.78 |
| 175 | 5875 | 14.83 |

| 802.11n HT40 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS 0 |
| 38 | 5190 | 12.82 |
| 46 | 5230 | 12.80 |
| 54 | 5270 | 12.80 |
| 62 | 5310 | 12.85 |
| 102 | 5510 | 13.28 |
| 110 | 5550 | 13.46 |
| 134 | 5670 | 13.41 |
| 142 | 5710 | 13.40 |
| 151 | 5755 | 13.36 |
| 159 | 5795 | 13.39 |
| 167 | 5835 | 13.36 |
| 175 | 5875 | 13.38 |

| 802.11 n(40M) | | Average Power Output(dBm) | Average Power + factor(dBm) | |
|------------------|-----------------|---------------------------|-----------------------------|--------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) | |
| CH | Frequency (MHz) | MCS 8 | | Ch 0+1 |
| | | Ch0 | Ch1 | |
| 38 | 5190 | 12.63 | 12.75 | 15.70 |
| 46 | 5230 | 12.69 | 12.75 | 15.73 |
| 54 | 5270 | 13.24 | 12.74 | 16.01 |
| 62 | 5310 | 13.25 | 12.65 | 15.97 |
| 102 | 5510 | 14.28 | 13.21 | 16.79 |
| 110 | 5550 | 14.25 | 13.38 | 16.85 |
| 134 | 5670 | 14.27 | 13.33 | 16.84 |
| 142 | 5710 | 14.20 | 13.24 | 16.76 |
| 151 | 5755 | 14.85 | 13.24 | 17.13 |
| 159 | 5795 | 14.73 | 13.21 | 17.05 |
| 167 | 5835 | 14.75 | 13.27 | 17.08 |
| 175 | 5875 | 14.80 | 13.35 | 17.15 |

| 802.11ac VHT80 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS0 |
| 42 | 5210 | 12.95 |
| 58 | 5290 | 13.49 |
| 106 | 5530 | 14.48 |
| 122 | 5610 | 14.43 |
| 138 | 5690 | 14.47 |
| 155 | 5775 | 15 |
| 171 | 5855 | 14.83 |

| 802.11ac VHT80 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS0 |
| 42 | 5210 | 12.81 |
| 58 | 5290 | 12.94 |
| 106 | 5530 | 13.48 |
| 122 | 5610 | 13.48 |
| 138 | 5690 | 13.50 |
| 155 | 5775 | 13.46 |
| 171 | 5855 | 13.44 |

| 802.11ac VHT80 | | Average Power Output(dBm) | Average Power + factor(dBm) | |
|------------------|-----------------|---------------------------|-----------------------------|--------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) | |
| CH | Frequency (MHz) | MCS0 | | Ch 0+1 |
| | | Ch0 | Ch1 | |
| 42 | 5210 | 12.77 | 12.59 | 15.69 |
| 58 | 5290 | 13.39 | 12.89 | 16.16 |
| 106 | 5530 | 12.92 | 12.75 | 15.85 |
| 122 | 5610 | 14.22 | 13.21 | 16.75 |
| 138 | 5690 | 14.29 | 13.26 | 16.82 |
| 155 | 5775 | 14.80 | 13.36 | 17.15 |
| 171 | 5855 | 14.75 | 13.34 | 17.11 |

| 802.11ac VHT160 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | VHT0 |
| 50 | 5250 | 13.00 |
| 114 | 5570 | 14.50 |
| 163 | 5815 | 14.41 |

| 802.11ac VHT160 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | Data Rate (Mbps) |
| CH | Frequency (MHz) | VHT0 |
| 50 | 5250 | 12.98 |
| 114 | 5570 | 13.50 |
| 163 | 5815 | 13.41 |

| 802.11ac VHT160 | | Average Power Output(dBm) | Average Power + factor(dBm) | |
|------------------|-----------------|---------------------------|-----------------------------|--------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) | |
| CH | Frequency (MHz) | MCS0 | | Ch 0+1 |
| | | Ch0 | Ch1 | |
| 50 | 5250 | 12.78 | 12.76 | 15.78 |
| 114 | 5570 | 14.37 | 13.42 | 16.93 |
| 163 | 5815 | 14.29 | 13.33 | 16.85 |

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| 802.11ax 20 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 36 | 5180 | 12.92 |
| 44 | 5220 | 12.83 |
| 48 | 5240 | 12.88 |
| 52 | 5260 | 13.34 |
| 60 | 5300 | 13.46 |
| 64 | 5320 | 13.46 |
| 100 | 5500 | 14.28 |
| 116 | 5580 | 14.38 |
| 140 | 5700 | 14.39 |
| 144 | 5720 | 14.27 |
| 149 | 5745 | 14.92 |
| 157 | 5785 | 14.96 |
| 165 | 5825 | 14.89 |
| 169 | 5845 | 14.77 |
| 173 | 5865 | 14.85 |
| 177 | 5885 | 14.90 |

| 802.11ax 20 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 36 | 5180 | 12.85 |
| 44 | 5220 | 12.77 |
| 48 | 5240 | 12.82 |
| 52 | 5260 | 12.91 |
| 60 | 5300 | 12.80 |
| 64 | 5320 | 12.79 |
| 100 | 5500 | 13.28 |
| 116 | 5580 | 13.41 |
| 140 | 5700 | 13.45 |
| 144 | 5720 | 13.38 |
| 149 | 5745 | 13.33 |
| 157 | 5785 | 13.42 |
| 165 | 5825 | 13.38 |
| 169 | 5845 | 13.35 |
| 173 | 5865 | 13.38 |
| 177 | 5885 | 13.41 |

| 802.11ax 20 | | Average Power Output (dBm) | Average Power + factor (dBm) |
|------------------|-----------------|----------------------------|------------------------------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS0 | |
| | | | |
| | | MCS0 | |
| | | Ch 0+1 | |
| 36 | 5180 | 12.17 | 12.29 |
| 44 | 5220 | 12.25 | 12.14 |
| 48 | 5240 | 12.37 | 12.25 |
| 52 | 5260 | 13.20 | 12.80 |
| 60 | 5300 | 13.31 | 12.58 |
| 64 | 5320 | 13.31 | 12.58 |
| 100 | 5500 | 14.10 | 13.16 |
| 116 | 5580 | 14.33 | 13.23 |
| 140 | 5700 | 14.17 | 13.32 |
| 144 | 5720 | 14.15 | 13.27 |
| 149 | 5745 | 14.72 | 13.18 |
| 157 | 5785 | 14.93 | 13.32 |
| 165 | 5825 | 14.79 | 13.35 |
| 169 | 5845 | 14.66 | 13.27 |
| 173 | 5865 | 14.83 | 13.28 |
| 177 | 5885 | 14.78 | 13.33 |

| 802.11ax 40 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 38 | 5190 | 12.98 |
| 46 | 5230 | 12.93 |
| 54 | 5270 | 13.34 |
| 62 | 5310 | 13.45 |
| 102 | 5510 | 14.31 |
| 110 | 5550 | 14.43 |
| 134 | 5670 | 14.45 |
| 142 | 5710 | 14.44 |
| 151 | 5755 | 14.94 |
| 159 | 5795 | 14.79 |
| 167 | 5835 | 14.78 |
| 175 | 5875 | 14.82 |

| 802.11ax 40 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 38 | 5190 | 12.93 |
| 46 | 5230 | 12.82 |
| 54 | 5270 | 12.81 |
| 62 | 5310 | 12.78 |
| 102 | 5510 | 13.33 |
| 110 | 5550 | 13.42 |
| 134 | 5670 | 13.39 |
| 142 | 5710 | 13.32 |
| 151 | 5755 | 13.39 |
| 159 | 5795 | 13.38 |
| 167 | 5835 | 13.35 |
| 175 | 5875 | 13.33 |

| 802.11ax 40 | | Average Power Output (dBm) | Average Power + factor (dBm) |
|------------------|-----------------|----------------------------|------------------------------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS0 | |
| | | | |
| | | MCS0 | |
| | | Ch 0+1 | |
| 38 | 5190 | 12.83 | 12.76 |
| 46 | 5230 | 12.72 | 12.76 |
| 54 | 5270 | 13.23 | 12.61 |
| 62 | 5310 | 13.29 | 12.69 |
| 102 | 5510 | 14.15 | 13.22 |
| 110 | 5550 | 14.21 | 13.29 |
| 134 | 5670 | 14.23 | 13.23 |
| 142 | 5710 | 14.34 | 13.20 |
| 151 | 5755 | 14.79 | 13.32 |
| 159 | 5795 | 14.68 | 13.24 |
| 167 | 5835 | 14.74 | 13.31 |
| 175 | 5875 | 14.74 | 13.25 |

| 802.11ax 80 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 42 | 5210 | 12.94 |
| 58 | 5290 | 13.40 |
| 106 | 5530 | 14.29 |
| 122 | 5610 | 14.27 |
| 138 | 5690 | 14.36 |
| 155 | 5775 | 14.90 |
| 171 | 5855 | 14.87 |

| 802.11ax 80 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 42 | 5210 | 12.87 |
| 58 | 5290 | 12.83 |
| 106 | 5530 | 13.43 |
| 122 | 5610 | 13.39 |
| 138 | 5690 | 13.30 |
| 155 | 5775 | 13.39 |
| 171 | 5855 | 13.33 |

| 802.11ax 80 | | Average Power Output (dBm) | Average Power + factor (dBm) |
|------------------|-----------------|----------------------------|------------------------------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS0 | |
| | | | |
| | | MCS0 | |
| | | Ch 0+1 | |
| 42 | 5210 | 12.77 | 12.74 |
| 58 | 5290 | 13.19 | 12.75 |
| 106 | 5530 | 12.64 | 12.48 |
| 122 | 5610 | 14.15 | 13.29 |
| 138 | 5690 | 14.32 | 13.23 |
| 155 | 5775 | 14.85 | 13.35 |
| 171 | 5855 | 14.82 | 13.27 |

| 802.11ax 160 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 50 | 5250 | 12.86 |
| 114 | 5570 | 14.22 |
| 163 | 5815 | 12.89 |

| 802.11ax 160 | | Average Power Output (dBm) |
|---------------------|-----------------|----------------------------|
| 5.2G/5.5G/5.8G/5.9G | | |
| CH | Frequency (MHz) | Data Rate (Mbps) |
| | | |
| 50 | 5250 | 12.96 |
| 114 | 5570 | 13.18 |
| 163 | 5815 | 13.35 |

| 802.11ax 160 | | Average Power Output (dBm) | Average Power + factor (dBm) |
|------------------|-----------------|----------------------------|------------------------------|
| 5.2/5.3/5.6/5.8G | | Data Rate (Mbps) | Data Rate (Mbps) |
| CH | Frequency (MHz) | MCS0 | |
| | | | |
| | | MCS0 | |
| | | Ch 0+1 | |
| 50 | 5250 | 12.73 | 12.93 |
| 114 | 5570 | 14.11 | 13.12 |
| 163 | 5815 | 12.85 | 13.31 |

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| WLAN MIMO | | | | | | |
|-------------------|-------------------|----------------|-----------------|-----------|---------------------|------|
| Band | Mode | Channel | Frequency (MHz) | Data Rate | Average power (dBm) | |
| U-NII-5 6.2GHz | 802.11ax20-HE0 | 1 | 5955 | MCS0 | 4.59 | |
| | | 45 | 6175 | | 4.61 | |
| | | 93 | 6415 | | 4.66 | |
| | 802.11ax40-HE0 | 3 | 5985 | MCS0 | 7.46 | |
| | | 43 | 6165 | | 7.38 | |
| | | 91 | 6405 | | 7.28 | |
| | 802.11ax80-HE0 | 7 | 5985 | MCS0 | 9.99 | |
| | | 39 | 6145 | | 9.85 | |
| | | 87 | 6385 | | 10.01 | |
| | 802.11ax160-HE0 | 15 | 6025 | MCS0 | 12.71 | |
| | | 79 | 6345 | | 13.07 | |
| | U-NII-6 6.5GHz | 802.11ax20-HE0 | 97 | 6435 | MCS0 | 4.74 |
| 105 | | | 6475 | 4.56 | | |
| 113 | | | 6515 | 4.61 | | |
| 802.11ax40-HE0 | | 99 | 6445 | MCS0 | 7.81 | |
| | | 107 | 6485 | | 7.85 | |
| 802.11ax80-HE0 | | 103 | 6465 | MCS0 | 10.13 | |
| | | 119 | 6545 | | 10.07 | |
| 802.11ax160-HE0 | | 111 | 6505 | MCS0 | 12.86 | |
| U-NII-7 6.7GHz | | 802.11ax20-HE0 | 117 | 6535 | MCS0 | 4.43 |
| | | | 149 | 6695 | | 4.78 |
| | 181 | | 6855 | 4.60 | | |
| | 802.11ax40-HE0 | 115 | 6525 | MCS0 | 7.91 | |
| | | 147 | 6685 | | 7.67 | |
| | | 179 | 6845 | | 7.50 | |
| | 802.11ax80-HE0 | 135 | 6625 | MCS0 | 10.00 | |
| | | 167 | 6785 | | 10.05 | |
| | 802.11ax160-HE0 | 143 | 6665 | MCS0 | 12.83 | |
| | 802.11ax20-HE0 | 185 | 6875 | MCS0 | 4.43 | |
| 209 | | 6995 | 4.87 | | | |
| 233 | | 7115 | 1.13 | | | |
| 802.11ax40-HE0 | 187 | 6885 | MCS0 | 7.63 | | |
| | 227 | 7085 | | 7.74 | | |
| 802.11ax80-HE0 | 183 | 6865 | MCS0 | 9.88 | | |
| | 199 | 6945 | | 10.17 | | |
| | 215 | 7025 | | 10.13 | | |
| 802.11ax160-HE0 | 207 | 6985 | MCS0 | 12.68 | | |

- End of report -

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