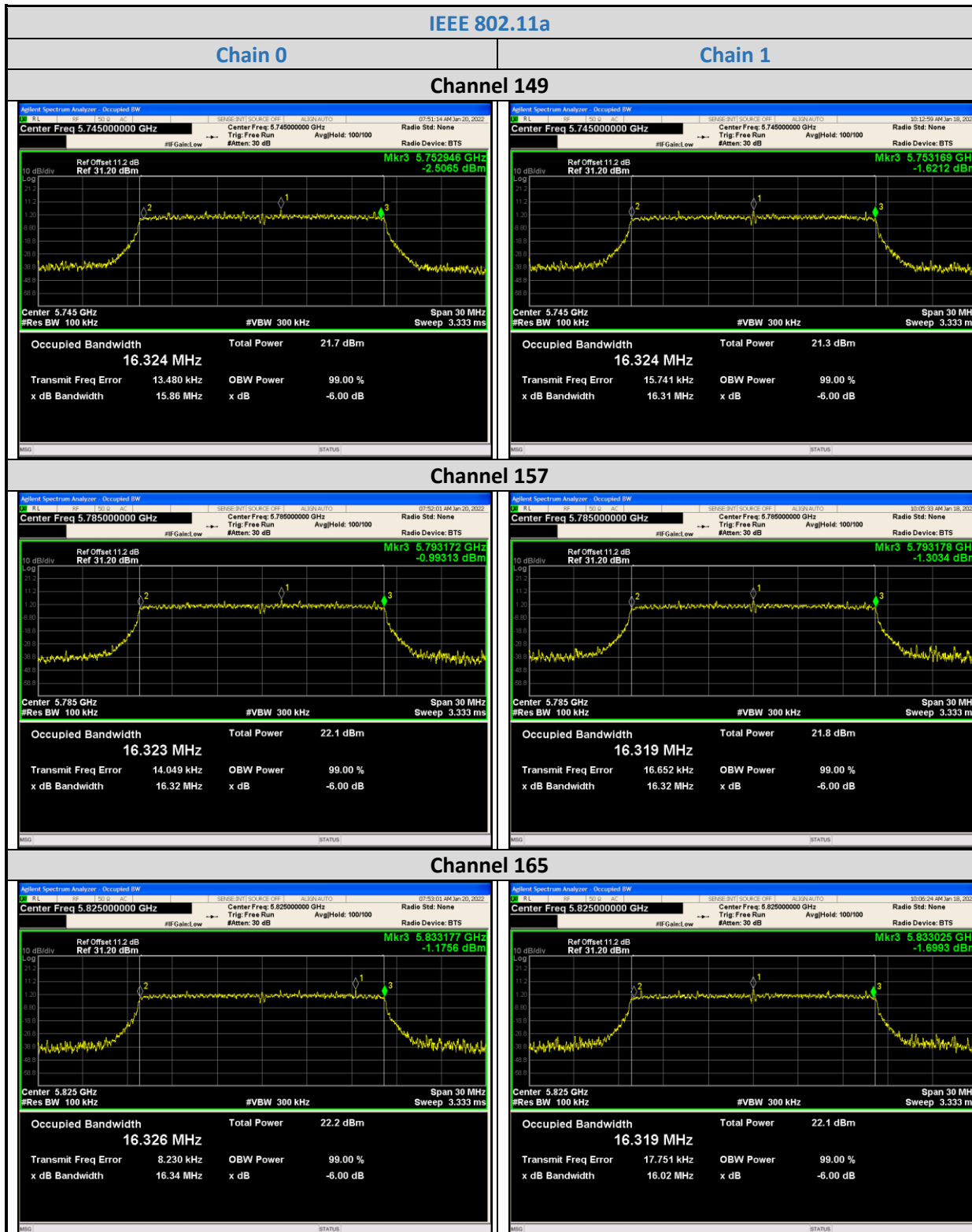
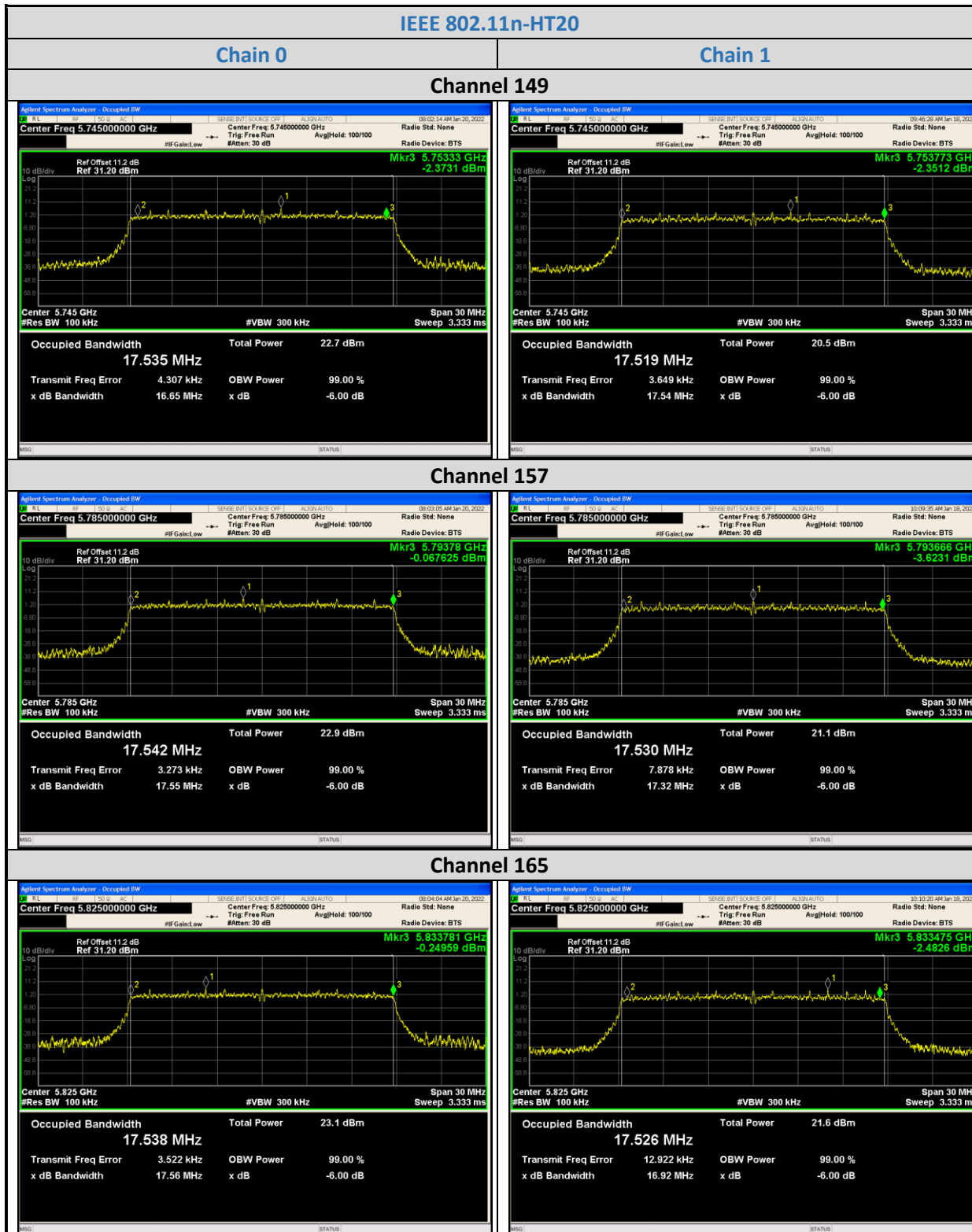
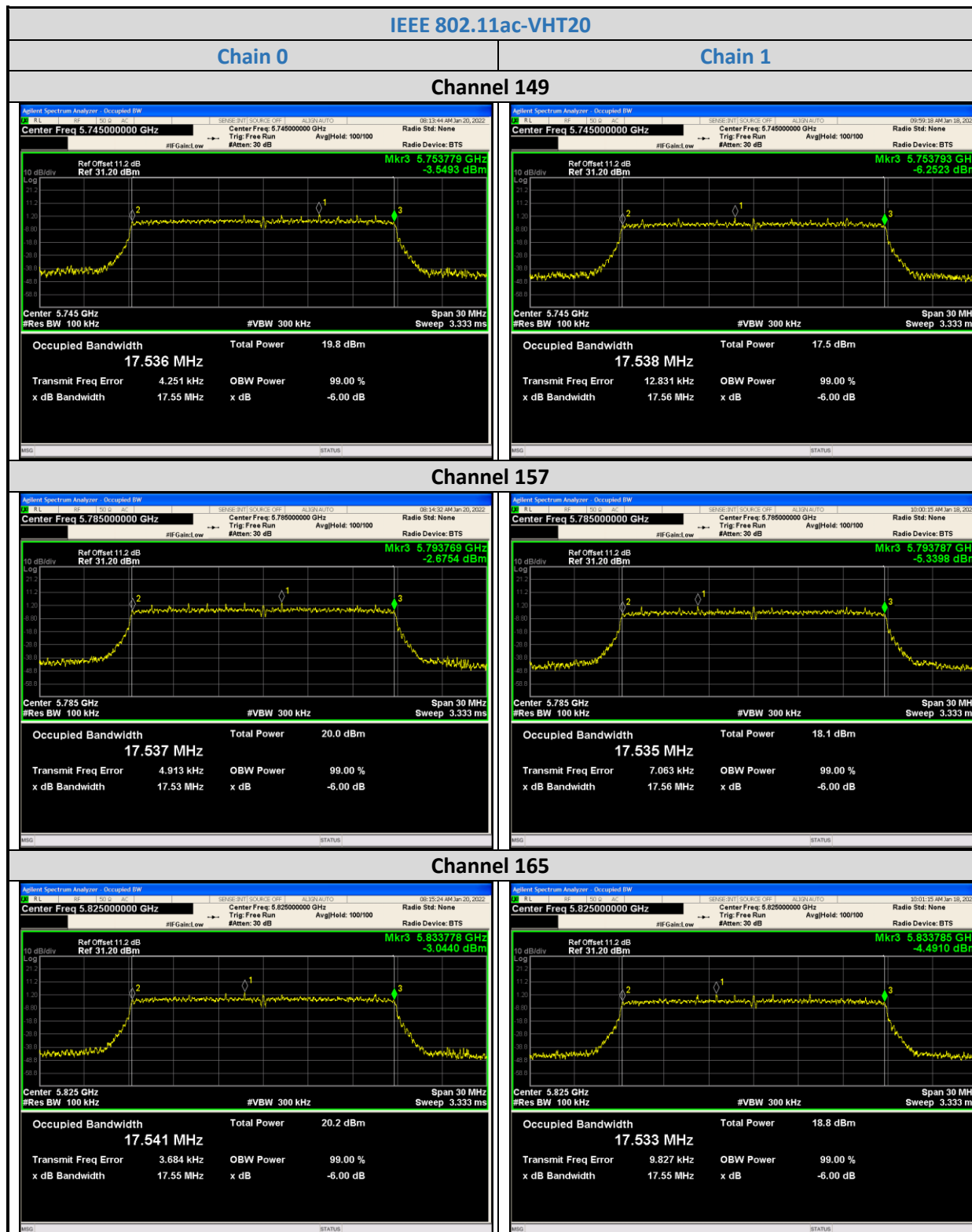
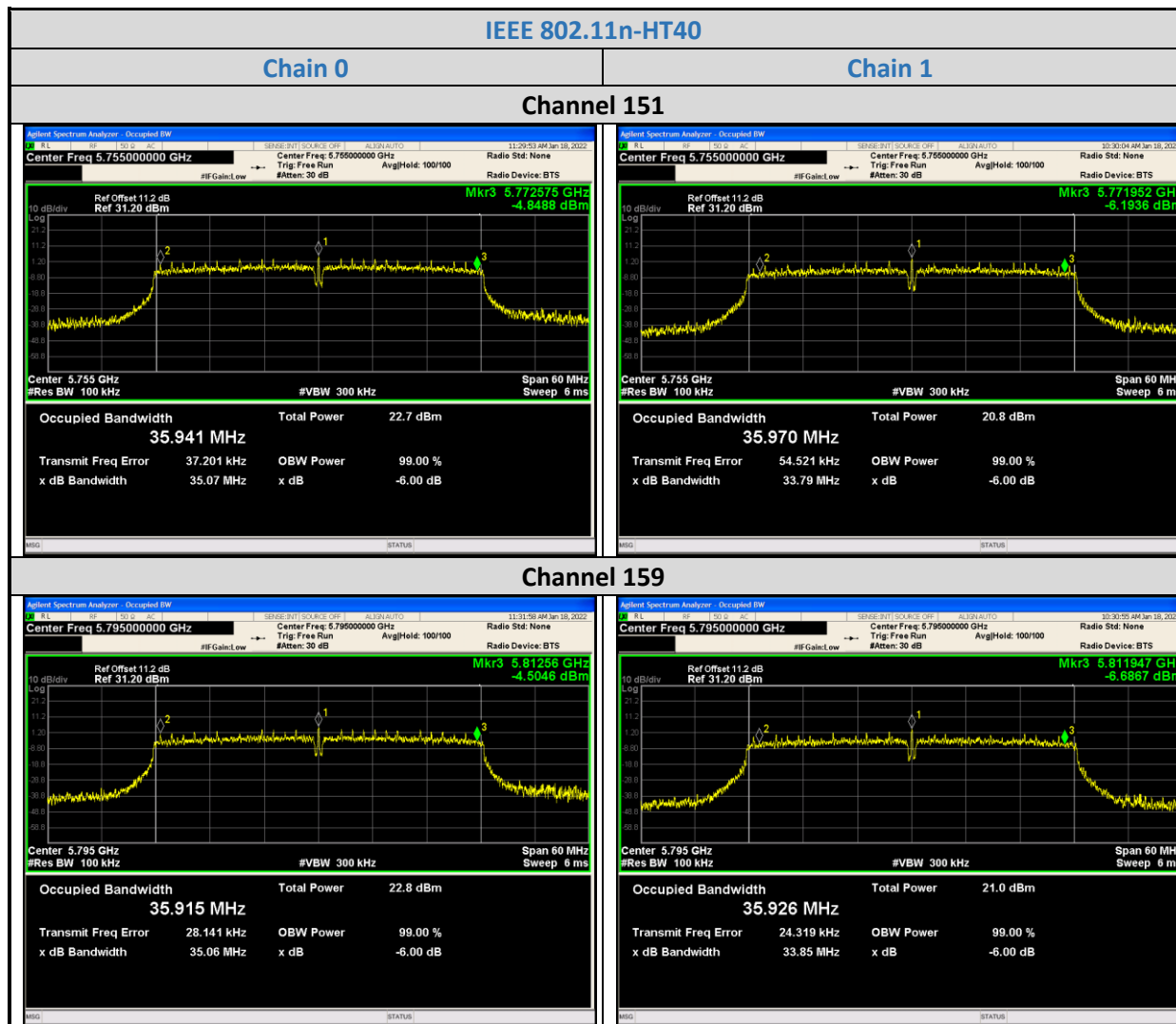
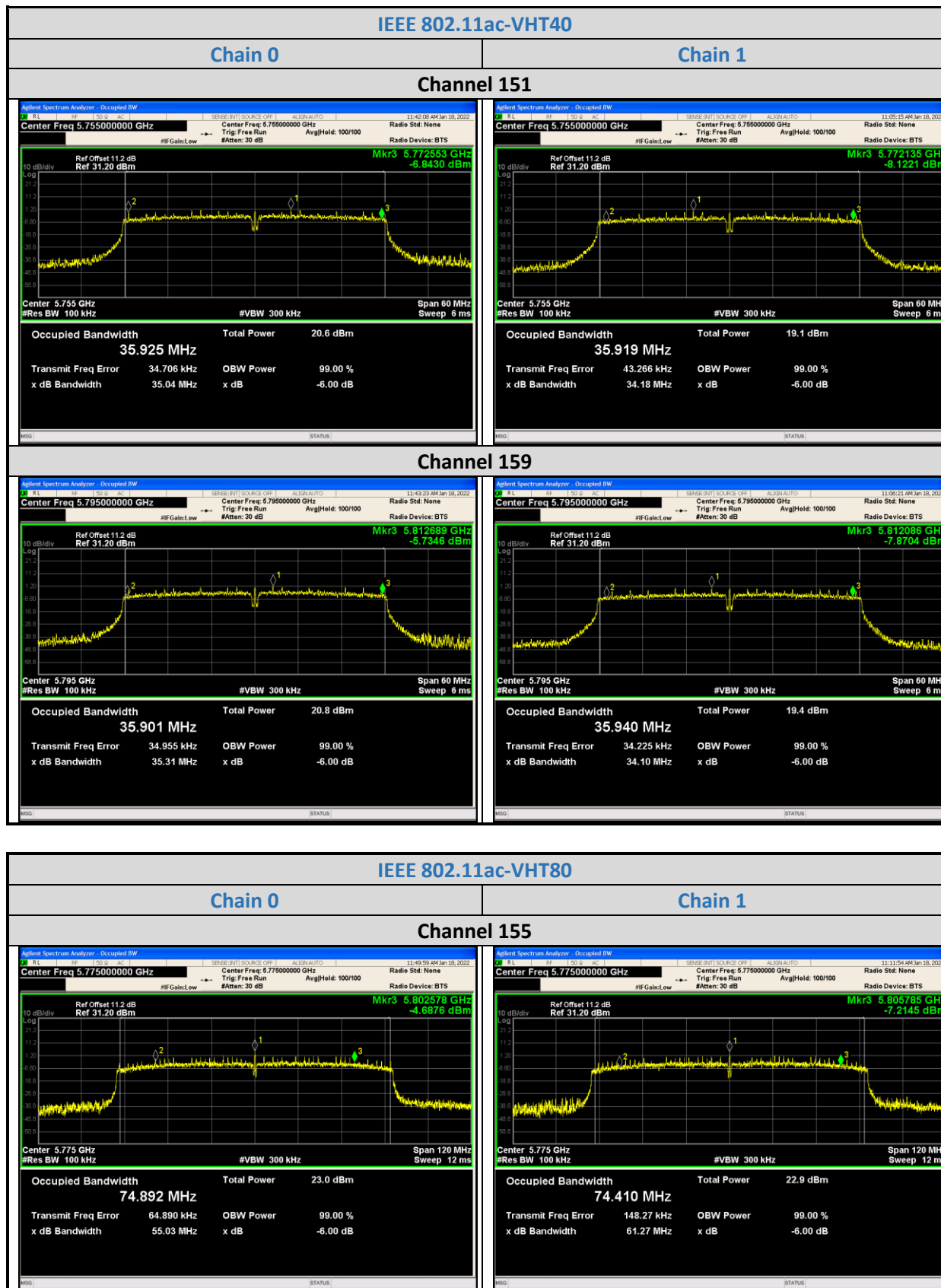










**IEEE 802.11ac-VHT80**
Chain 0
Chain 1
**Channel 155**

**Chain 0 Data:**

|                     |            |           |          |             |          |      |         |       |       |
|---------------------|------------|-----------|----------|-------------|----------|------|---------|-------|-------|
| Center Freq         | 5.775 GHz  | #Res BW   | 100 kHz  | #VBW        | 300 kHz  | Span | 120 MHz | Sweep | 12 ms |
| Occupied Bandwidth  | 74.892 MHz |           |          | Total Power | 23.0 dBm |      |         |       |       |
| Transmit Freq Error | 64.890 kHz | OBW Power | 99.00 %  |             |          |      |         |       |       |
| x dB Bandwidth      | 55.03 MHz  | x dB      | -6.00 dB |             |          |      |         |       |       |

**Chain 1 Data:**

|                     |            |           |          |             |          |      |         |       |       |
|---------------------|------------|-----------|----------|-------------|----------|------|---------|-------|-------|
| Center Freq         | 5.775 GHz  | #Res BW   | 100 kHz  | #VBW        | 300 kHz  | Span | 120 MHz | Sweep | 12 ms |
| Occupied Bandwidth  | 74.410 MHz |           |          | Total Power | 22.9 dBm |      |         |       |       |
| Transmit Freq Error | 148.27 kHz | OBW Power | 99.00 %  |             |          |      |         |       |       |
| x dB Bandwidth      | 61.27 MHz  | x dB      | -6.00 dB |             |          |      |         |       |       |

## Appendix C

### Test Results of Maximum conducted output power

| Mode         | Channel/<br>Frequency<br>(MHz) | Antenna | Maximum Conducted Output Power (dBm) |              |                 |           |
|--------------|--------------------------------|---------|--------------------------------------|--------------|-----------------|-----------|
|              |                                |         | SISO                                 |              | Limits<br>(dBm) | Pass/Fail |
|              |                                |         | Meas Power                           | Corr'd Power |                 |           |
| IEEE 802.11a | 36 (5180)                      | Ant0    | 12.14                                | 13.53        | 23.98           | PASS      |
|              | 36 (5180)                      | Ant1    | 12.16                                | 13.55        | 23.53           | PASS      |
|              | 44 (5220)                      | Ant0    | 12.55                                | 13.94        | 23.98           | PASS      |
|              | 44 (5220)                      | Ant1    | 12.41                                | 13.80        | 23.53           | PASS      |
|              | 48 (5240)                      | Ant0    | 12.72                                | 14.11        | 23.98           | PASS      |
|              | 48 (5240)                      | Ant1    | 12.63                                | 14.02        | 23.53           | PASS      |
|              | 52 (5260)                      | Ant0    | 12.21                                | 13.60        | 23.83           | PASS      |
|              | 52 (5260)                      | Ant1    | 12.09                                | 13.48        | 23.50           | PASS      |
|              | 60 (5300)                      | Ant0    | 12.66                                | 14.05        | 23.83           | PASS      |
|              | 60 (5300)                      | Ant1    | 12.53                                | 13.92        | 23.50           | PASS      |
|              | 64 (5320)                      | Ant0    | 12.91                                | 14.30        | 23.83           | PASS      |
|              | 64 (5320)                      | Ant1    | 12.85                                | 14.24        | 23.50           | PASS      |
|              | 100 (5500)                     | Ant0    | 12.41                                | 13.80        | 21.52           | PASS      |
|              | 100 (5500)                     | Ant1    | 13.13                                | 14.52        | 22.72           | PASS      |
|              | 116 (5580)                     | Ant0    | 12.18                                | 13.57        | 21.52           | PASS      |
|              | 116 (5580)                     | Ant1    | 12.41                                | 13.80        | 22.72           | PASS      |
|              | 140 (5700)                     | Ant0    | 12.54                                | 13.93        | 21.52           | PASS      |
|              | 140 (5700)                     | Ant1    | 12.13                                | 13.52        | 22.72           | PASS      |
|              | 149 (5745)                     | Ant0    | 12.43                                | 13.82        | 26.77           | PASS      |
|              | 149 (5745)                     | Ant1    | 11.57                                | 12.96        | 30              | PASS      |
|              | 157 (5785)                     | Ant0    | 12.03                                | 13.42        | 26.77           | PASS      |
|              | 157 (5785)                     | Ant1    | 12.08                                | 13.47        | 30              | PASS      |
|              | 165 (5825)                     | Ant0    | 12.71                                | 14.10        | 26.77           | PASS      |
|              | 165 (5825)                     | Ant1    | 12.63                                | 14.02        | 30              | PASS      |

| Mode                  | Channel/<br>Frequency<br>(MHz) | Maximum Conducted Output Power (dBm) |                 |               |                 |                                         |                 |           |
|-----------------------|--------------------------------|--------------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                       |                                | MIMO                                 |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                       |                                | ant 0                                |                 | ant 1         |                 |                                         |                 |           |
|                       |                                | Meas<br>Power                        | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11n-<br>HT20 | 36 (5180)                      | 12.14                                | 14.64           | 11.52         | 14.02           | 17.35                                   | 21.21           | PASS      |
|                       | 44 (5220)                      | 12.51                                | 15.01           | 11.84         | 14.34           | 17.70                                   | 21.21           | PASS      |
|                       | 48 (5240)                      | 12.93                                | 15.43           | 12.05         | 14.55           | 18.02                                   | 21.21           | PASS      |
|                       | 52 (5260)                      | 12.13                                | 14.63           | 11.15         | 13.65           | 17.18                                   | 20.65           | PASS      |
|                       | 60 (5300)                      | 12.71                                | 15.21           | 11.70         | 14.20           | 17.75                                   | 20.65           | PASS      |
|                       | 64 (5320)                      | 12.96                                | 15.46           | 12.04         | 14.54           | 18.04                                   | 20.65           | PASS      |
|                       | 100 (5500)                     | 12.12                                | 14.62           | 12.43         | 14.93           | 17.79                                   | 19.09           | PASS      |
|                       | 116 (5580)                     | 11.88                                | 14.38           | 11.50         | 14.00           | 17.21                                   | 19.09           | PASS      |

# TEST REPORT

|  |            |       |       |       |       |       |       |      |
|--|------------|-------|-------|-------|-------|-------|-------|------|
|  | 140 (5700) | 12.18 | 14.68 | 11.45 | 13.95 | 17.34 | 19.09 | PASS |
|  | 149 (5745) | 11.91 | 14.41 | 10.51 | 13.01 | 16.78 | 25.47 | PASS |
|  | 157 (5785) | 12.18 | 14.68 | 10.02 | 12.52 | 16.75 | 25.47 | PASS |
|  | 165 (5825) | 12.57 | 15.07 | 10.72 | 13.22 | 17.26 | 25.47 | PASS |

| Mode                  | Channel/<br>Frequency<br>(MHz) | Maximum Conducted Output Power (dBm) |                 |               |                 |                                         |                 |           |
|-----------------------|--------------------------------|--------------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                       |                                | MIMO                                 |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                       |                                | ant 0                                |                 | ant 1         |                 |                                         |                 |           |
|                       |                                | Meas<br>Power                        | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11n-<br>HT40 | 38 (5190)                      | 11.07                                | 15.10           | 10.41         | 14.44           | 17.80                                   | 21.21           | PASS      |
|                       | 46 (5230)                      | 11.53                                | 15.56           | 10.74         | 14.77           | 18.20                                   | 21.21           | PASS      |
|                       | 54 (5270)                      | 11.13                                | 15.16           | 10.18         | 14.21           | 17.73                                   | 20.65           | PASS      |
|                       | 62 (5310)                      | 11.72                                | 15.75           | 10.73         | 14.76           | 18.30                                   | 20.65           | PASS      |
|                       | 102 (5510)                     | 11.14                                | 15.17           | 11.74         | 15.77           | 18.49                                   | 19.09           | PASS      |
|                       | 110 (5550)                     | 10.53                                | 14.56           | 10.05         | 14.08           | 17.34                                   | 19.09           | PASS      |
|                       | 134 (5670)                     | 10.83                                | 14.86           | 9.47          | 13.50           | 17.25                                   | 19.09           | PASS      |
|                       | 151 (5755)                     | 11.11                                | 15.14           | 8.87          | 12.90           | 17.18                                   | 25.47           | PASS      |
|                       | 159 (5795)                     | 11.39                                | 15.42           | 9.26          | 13.29           | 17.50                                   | 25.47           | PASS      |

| Mode                    | Channel/<br>Frequency<br>(MHz) | Maximum Conducted Output Power (dBm) |                 |               |                 |                                         |                 |           |
|-------------------------|--------------------------------|--------------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                         |                                | MIMO                                 |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                         |                                | ant 0                                |                 | ant 1         |                 |                                         |                 |           |
|                         |                                | Meas<br>Power                        | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11ac-<br>VHT20 | 36 (5180)                      | 10.13                                | 11.60           | 9.85          | 11.32           | 14.47                                   | 21.21           | PASS      |
|                         | 44 (5220)                      | 10.71                                | 12.18           | 10.01         | 11.48           | 14.86                                   | 21.21           | PASS      |
|                         | 48 (5240)                      | 10.78                                | 12.25           | 10.12         | 11.59           | 14.94                                   | 21.21           | PASS      |
|                         | 52 (5260)                      | 10.23                                | 11.70           | 9.22          | 10.69           | 14.24                                   | 20.65           | PASS      |
|                         | 60 (5300)                      | 10.67                                | 12.14           | 9.71          | 11.18           | 14.70                                   | 20.65           | PASS      |
|                         | 64 (5320)                      | 10.90                                | 12.37           | 9.84          | 11.31           | 14.88                                   | 20.65           | PASS      |
|                         | 100 (5500)                     | 10.15                                | 11.62           | 10.28         | 11.75           | 14.70                                   | 19.09           | PASS      |
|                         | 116 (5580)                     | 10.04                                | 11.51           | 9.91          | 11.38           | 14.46                                   | 19.09           | PASS      |
|                         | 140 (5700)                     | 10.42                                | 11.89           | 9.52          | 10.99           | 14.48                                   | 19.09           | PASS      |
|                         | 149 (5745)                     | 10.32                                | 11.79           | 8.90          | 10.37           | 14.15                                   | 25.47           | PASS      |
|                         | 157 (5785)                     | 10.10                                | 11.57           | 8.35          | 9.82            | 13.79                                   | 25.47           | PASS      |
|                         | 165 (5825)                     | 10.71                                | 12.18           | 9.19          | 10.66           | 14.50                                   | 25.47           | PASS      |

# TEST REPORT

| Mode                    | Channel/<br>Frequency<br>(MHz) | Maximum Conducted Output Power (dBm) |                 |               |                 |                                         |                 |           |
|-------------------------|--------------------------------|--------------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                         |                                | MIMO                                 |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                         |                                | ant 0                                |                 | ant 1         |                 |                                         |                 |           |
|                         |                                | Meas<br>Power                        | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11ac-<br>VHT40 | 38 (5190)                      | 10.15                                | 12.71           | 9.41          | 11.97           | 15.37                                   | 21.21           | PASS      |
|                         | 46 (5230)                      | 10.61                                | 13.17           | 9.66          | 12.22           | 15.73                                   | 21.21           | PASS      |
|                         | 54 (5270)                      | 10.04                                | 12.60           | 9.04          | 11.60           | 15.14                                   | 20.65           | PASS      |
|                         | 62 (5310)                      | 10.83                                | 13.39           | 9.54          | 12.10           | 15.80                                   | 20.65           | PASS      |
|                         | 102 (5510)                     | 10.22                                | 12.78           | 10.32         | 12.88           | 15.84                                   | 19.09           | PASS      |
|                         | 110 (5550)                     | 9.70                                 | 12.26           | 9.24          | 11.80           | 15.05                                   | 19.09           | PASS      |
|                         | 134 (5670)                     | 10.20                                | 12.76           | 8.52          | 11.08           | 15.01                                   | 19.09           | PASS      |
|                         | 151 (5755)                     | 10.21                                | 12.77           | 8.44          | 11.00           | 14.99                                   | 25.47           | PASS      |
|                         | 159 (5795)                     | 10.64                                | 13.20           | 9.21          | 11.77           | 15.56                                   | 25.47           | PASS      |

| Mode                    | Channel/<br>Frequency<br>(MHz) | Maximum Conducted Output Power (dBm) |                 |               |                 |                                         |                 |           |
|-------------------------|--------------------------------|--------------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                         |                                | MIMO                                 |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                         |                                | ant 0                                |                 | ant 1         |                 |                                         |                 |           |
|                         |                                | Meas<br>Power                        | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11ac-<br>VHT80 | 42 (5210)                      | 9.85                                 | 14.04           | 9.18          | 13.37           | 16.73                                   | 21.21           | PASS      |
|                         | 58 (5290)                      | 10.82                                | 15.01           | 10.25         | 14.44           | 17.75                                   | 20.65           | PASS      |
|                         | 106 (5530)                     | 10.12                                | 14.31           | 10.67         | 14.86           | 17.61                                   | 19.09           | PASS      |
|                         | 122 (5610)                     | 10.31                                | 14.50           | 9.41          | 13.60           | 17.08                                   | 19.09           | PASS      |
|                         | 155 (5775)                     | 10.46                                | 14.65           | 8.71          | 12.90           | 16.87                                   | 25.47           | PASS      |

## Remark:

- Corr'd Power = Meas Power + Duty Cycle Factor
- Total (ant 0+1) =  $10 \cdot \log[(10^{\text{ant } 0/10}) + (10^{\text{ant } 1/10})]$



## Appendix D

### Test Results of Power spectrum density

| Mode         | Channel/<br>Frequency<br>(MHz) | Antenna | Maximum Power Spectral Density |              |                 |           |
|--------------|--------------------------------|---------|--------------------------------|--------------|-----------------|-----------|
|              |                                |         | SISO                           |              | Limits<br>(dBm) | Pass/Fail |
|              |                                |         | Meas Power                     | Corr'd Power |                 |           |
| IEEE 802.11a | 36 (5180)                      | Ant0    | -9.09                          | -7.7         | 11              | PASS      |
|              | 36 (5180)                      | Ant1    | -10.37                         | -8.98        | 10.55           | PASS      |
|              | 44 (5220)                      | Ant0    | -9.9                           | -8.51        | 11              | PASS      |
|              | 44 (5220)                      | Ant1    | -8.92                          | -7.53        | 10.55           | PASS      |
|              | 48 (5240)                      | Ant0    | -9.97                          | -8.58        | 11              | PASS      |
|              | 48 (5240)                      | Ant1    | -8.46                          | -7.07        | 10.55           | PASS      |
|              | 52 (5260)                      | Ant0    | -7.11                          | -5.72        | 10.85           | PASS      |
|              | 52 (5260)                      | Ant1    | -8.36                          | -6.97        | 10.52           | PASS      |
|              | 60 (5300)                      | Ant0    | -7.31                          | -5.92        | 10.85           | PASS      |
|              | 60 (5300)                      | Ant1    | -9.84                          | -8.45        | 10.52           | PASS      |
|              | 64 (5320)                      | Ant0    | -7.78                          | -6.39        | 10.85           | PASS      |
|              | 64 (5320)                      | Ant1    | -9.06                          | -7.67        | 10.52           | PASS      |
|              | 100 (5500)                     | Ant0    | -5.52                          | -4.13        | 8.54            | PASS      |
|              | 100 (5500)                     | Ant1    | -5.78                          | -4.39        | 9.74            | PASS      |
|              | 116 (5580)                     | Ant0    | -8.03                          | -6.64        | 8.54            | PASS      |
|              | 116 (5580)                     | Ant1    | -6.63                          | -5.24        | 9.74            | PASS      |
|              | 140 (5700)                     | Ant0    | -6.18                          | -4.79        | 8.54            | PASS      |
|              | 140 (5700)                     | Ant1    | -7.76                          | -6.37        | 9.74            | PASS      |
|              | 149 (5745)                     | Ant0    | -13.09                         | -11.7        | 26.77           | PASS      |
|              | 149 (5745)                     | Ant1    | -9.86                          | -8.47        | 30              | PASS      |
|              | 157 (5785)                     | Ant0    | -10.41                         | -9.02        | 26.77           | PASS      |
|              | 157 (5785)                     | Ant1    | -10.54                         | -9.15        | 30              | PASS      |
|              | 165 (5825)                     | Ant0    | -11.41                         | -10.02       | 26.77           | PASS      |
|              | 165 (5825)                     | Ant1    | -9.67                          | -8.28        | 30              | PASS      |

| Mode                  | Channel/<br>Frequency<br>(MHz) | Maximum Power Spectral Density |                 |               |                 |                                         |                 |           |
|-----------------------|--------------------------------|--------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                       |                                | MIMO                           |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                       |                                | Ant0                           |                 | Ant1          |                 |                                         |                 |           |
|                       |                                | Meas<br>Power                  | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11n-<br>HT20 | 36 (5180)                      | -16.45                         | -13.95          | -16.37        | -13.87          | -10.90                                  | 8.23            | PASS      |
|                       | 44 (5220)                      | -15.6                          | -13.1           | -17.01        | -14.51          | -10.74                                  | 8.23            | PASS      |
|                       | 48 (5240)                      | -14.79                         | -12.29          | -17.74        | -15.24          | -10.51                                  | 8.23            | PASS      |
|                       | 52 (5260)                      | -16.99                         | -14.49          | -17.89        | -15.39          | -11.91                                  | 7.67            | PASS      |
|                       | 60 (5300)                      | -14.32                         | -11.82          | -15.18        | -12.68          | -9.22                                   | 7.67            | PASS      |
|                       | 64 (5320)                      | -16.21                         | -13.71          | -16.59        | -14.09          | -10.89                                  | 7.67            | PASS      |
|                       | 100 (5500)                     | -17.46                         | -14.96          | -15.51        | -13.01          | -10.87                                  | 6.11            | PASS      |
|                       | 116 (5580)                     | -15.55                         | -13.05          | -17.13        | -14.63          | -10.76                                  | 6.11            | PASS      |
|                       | 140 (5700)                     | -15.48                         | -12.98          | -16.69        | -14.19          | -10.53                                  | 6.11            | PASS      |
|                       | 149 (5745)                     | -17.44                         | -14.94          | -19.98        | -17.48          | -13.02                                  | 25.47           | PASS      |
|                       | 157 (5785)                     | -18.58                         | -16.08          | -19.31        | -16.81          | -13.42                                  | 25.47           | PASS      |
|                       | 165 (5825)                     | -18.92                         | -16.42          | -19.58        | -17.08          | -13.73                                  | 25.47           | PASS      |

# TEST REPORT

| Mode                  | Channel/<br>Frequency<br>(MHz) | Maximum Power Spectral Density |                 |               |                 |                                         |                 |           |
|-----------------------|--------------------------------|--------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                       |                                | MIMO                           |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                       |                                | Ant0                           |                 | Ant1          |                 |                                         |                 |           |
|                       |                                | Meas<br>Power                  | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11n-<br>HT40 | 38 (5190)                      | -25.05                         | -21.02          | -27.25        | -23.22          | -18.97                                  | 8.23            | PASS      |
|                       | 46 (5230)                      | -26.5                          | -22.47          | -26.51        | -22.48          | -19.46                                  | 8.23            | PASS      |
|                       | 54 (5270)                      | -26.16                         | -22.13          | -23.55        | -19.52          | -17.62                                  | 7.67            | PASS      |
|                       | 62 (5310)                      | -26.68                         | -22.65          | -24.35        | -20.32          | -18.32                                  | 7.67            | PASS      |
|                       | 102 (5510)                     | -25.31                         | -21.28          | -26.17        | -22.14          | -18.68                                  | 6.11            | PASS      |
|                       | 110 (5550)                     | -26.06                         | -22.03          | -27.29        | -23.26          | -19.59                                  | 6.11            | PASS      |
|                       | 134 (5670)                     | -25.65                         | -21.62          | -23.49        | -19.46          | -17.40                                  | 6.11            | PASS      |
|                       | 151 (5755)                     | -28.42                         | -24.39          | -25.89        | -21.86          | -19.93                                  | 25.47           | PASS      |
|                       | 159 (5795)                     | -27.25                         | -23.22          | -27.32        | -23.29          | -20.24                                  | 25.47           | PASS      |

| Mode                    | Channel/<br>Frequency<br>(MHz) | Maximum Power Spectral Density |                 |               |                 |                                         |                 |           |
|-------------------------|--------------------------------|--------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                         |                                | MIMO                           |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                         |                                | Ant0                           |                 | Ant1          |                 |                                         |                 |           |
|                         |                                | Meas<br>Power                  | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11ac-<br>VHT20 | 36 (5180)                      | -11.87                         | -10.37          | -13.15        | -11.65          | -7.95                                   | 8.23            | PASS      |
|                         | 44 (5220)                      | -12.00                         | -10.5           | -11.40        | -9.9            | -7.18                                   | 8.23            | PASS      |
|                         | 48 (5240)                      | -9.65                          | -8.15           | -12.28        | -10.78          | -6.26                                   | 8.23            | PASS      |
|                         | 52 (5260)                      | -9.79                          | -8.29           | -12.62        | -11.12          | -6.47                                   | 7.67            | PASS      |
|                         | 60 (5300)                      | -12.29                         | -10.79          | -11.6         | -10.1           | -7.42                                   | 7.67            | PASS      |
|                         | 64 (5320)                      | -9.27                          | -7.77           | -9.7          | -8.2            | -4.97                                   | 7.67            | PASS      |
|                         | 100 (5500)                     | -10.31                         | -8.81           | -10.76        | -9.26           | -6.02                                   | 6.11            | PASS      |
|                         | 116 (5580)                     | -10.93                         | -9.43           | -10.83        | -9.33           | -6.37                                   | 6.11            | PASS      |
|                         | 140 (5700)                     | -13.02                         | -11.52          | -13.07        | -11.57          | -8.53                                   | 6.11            | PASS      |
|                         | 149 (5745)                     | -12.33                         | -10.83          | -15.27        | -13.77          | -9.05                                   | 25.47           | PASS      |
|                         | 157 (5785)                     | -13.44                         | -11.94          | -15.71        | -14.21          | -9.92                                   | 25.47           | PASS      |
|                         | 165 (5825)                     | -12.28                         | -10.78          | -15.39        | -13.89          | -9.05                                   | 25.47           | PASS      |

| Mode                    | Channel/<br>Frequency<br>(MHz) | Maximum Power Spectral Density |                 |               |                 |                                         |                 |           |
|-------------------------|--------------------------------|--------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                         |                                | MIMO                           |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                         |                                | Ant0                           |                 | Ant1          |                 |                                         |                 |           |
|                         |                                | Meas<br>Power                  | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11ac-<br>VHT40 | 38 (5190)                      | -16.87                         | -14.31          | -19.55        | -16.99          | -12.44                                  | 8.23            | PASS      |
|                         | 46 (5230)                      | -18.73                         | -16.17          | -17.69        | -15.13          | -12.61                                  | 8.23            | PASS      |
|                         | 54 (5270)                      | -18.17                         | -15.61          | -18.28        | -15.72          | -12.65                                  | 7.67            | PASS      |
|                         | 62 (5310)                      | -18.7                          | -16.14          | -20.14        | -17.58          | -13.79                                  | 7.67            | PASS      |
|                         | 102 (5510)                     | -18.6                          | -16.04          | -17.52        | -14.96          | -12.46                                  | 6.11            | PASS      |
|                         | 110 (5550)                     | -20.24                         | -17.68          | -20.28        | -17.72          | -14.69                                  | 6.11            | PASS      |
|                         | 134 (5670)                     | -19.01                         | -16.45          | -20.53        | -17.97          | -14.13                                  | 6.11            | PASS      |
|                         | 151 (5755)                     | -21.97                         | -19.41          | -22.95        | -20.39          | -16.86                                  | 25.47           | PASS      |
|                         | 159 (5795)                     | -21.45                         | -18.89          | -23.08        | -20.52          | -16.62                                  | 25.47           | PASS      |

| Mode                    | Channel/<br>Frequency<br>(MHz) | Maximum Power Spectral Density |                 |               |                 |                                         |                 |           |
|-------------------------|--------------------------------|--------------------------------|-----------------|---------------|-----------------|-----------------------------------------|-----------------|-----------|
|                         |                                | MIMO                           |                 |               |                 | Total<br>Power<br>MIMO_<br>Chain<br>0+1 | Limits<br>(dBm) | Pass/Fail |
|                         |                                | Ant0                           |                 | Ant1          |                 |                                         |                 |           |
|                         |                                | Meas<br>Power                  | Corr'd<br>Power | Meas<br>Power | Corr'd<br>Power |                                         |                 |           |
| IEEE 802.11ac-<br>VHT80 | 42 (5210)                      | -27.70                         | -23.51          | -27.8         | -23.61          | -20.55                                  | 8.23            | PASS      |
|                         | 58 (5290)                      | -28.59                         | -24.4           | -27.52        | -23.33          | -20.82                                  | 7.67            | PASS      |
|                         | 106 (5530)                     | -26.72                         | -22.53          | -27.6         | -23.41          | -19.94                                  | 6.11            | PASS      |
|                         | 122 (5610)                     | -26.03                         | -21.84          | -27.58        | -23.39          | -19.54                                  | 6.11            | PASS      |
|                         | 155 (5775)                     | -28.38                         | -24.19          | -28.34        | -24.15          | -21.16                                  | 25.47           | PASS      |

Remark:

1. Corr'd PSD = Meas PSD + Duty Cycle Factor
2. Total (ant 0+1) =  $10 \cdot \log[(10^{\text{ant0}/10}) + (10^{\text{ant 1}/10})]$

The test plots as follows:

