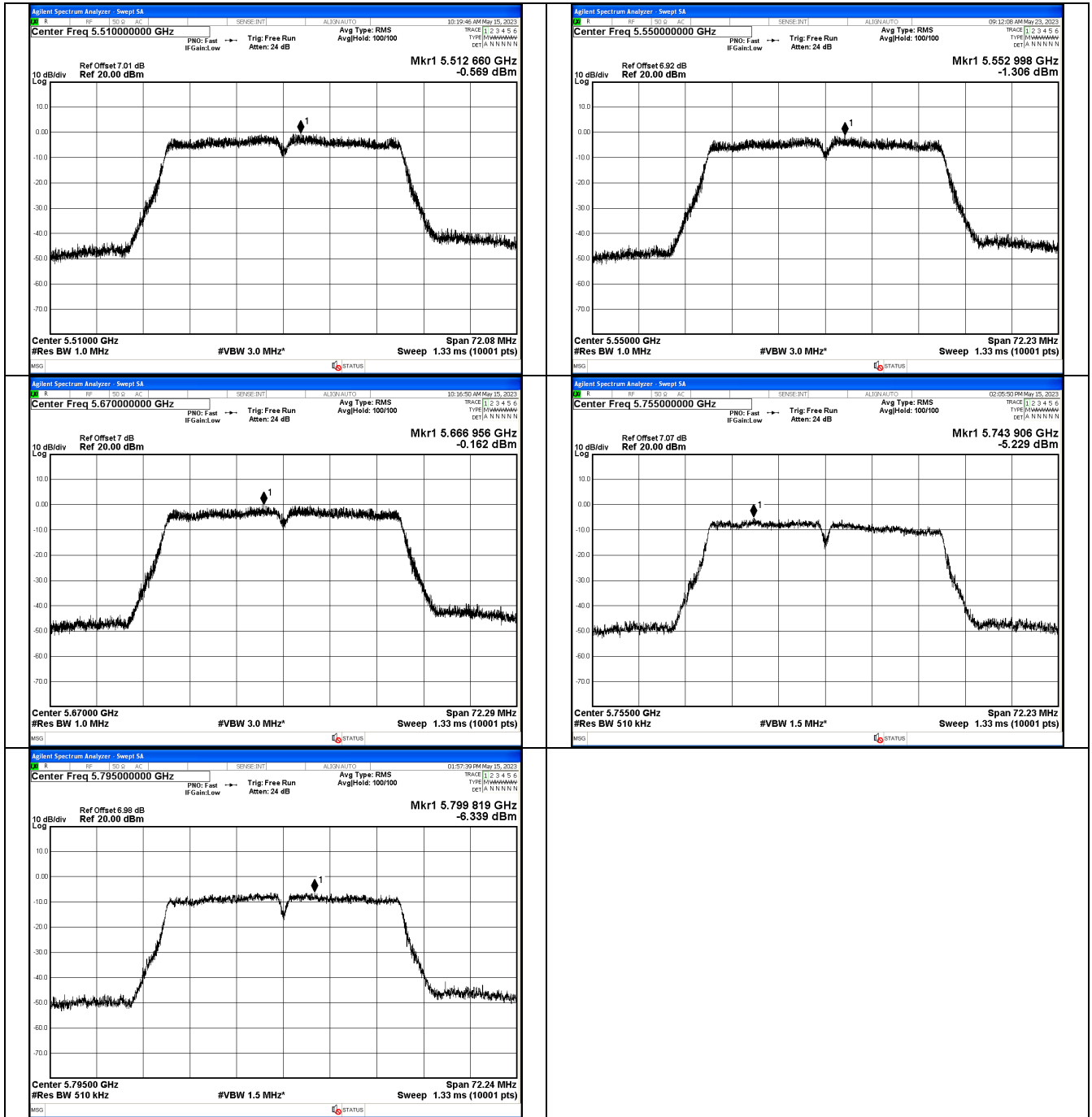
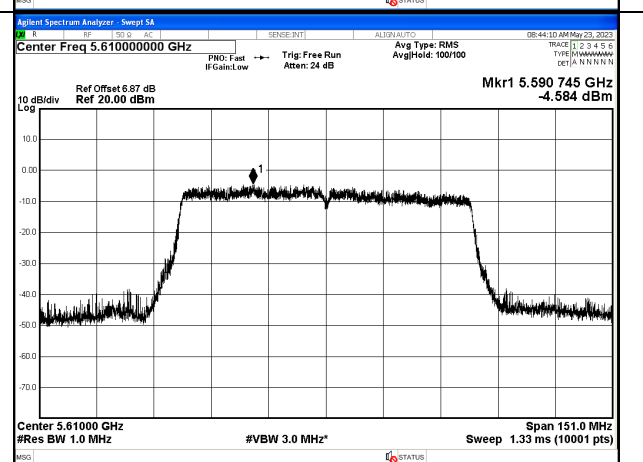
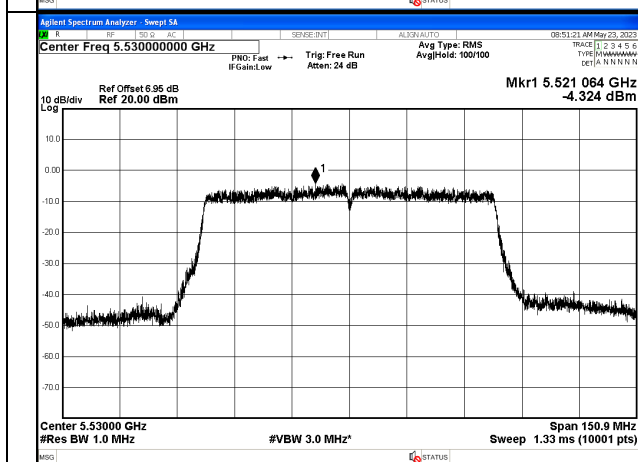
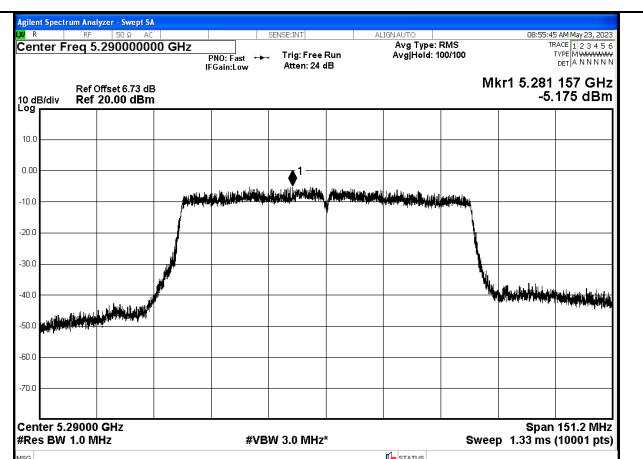
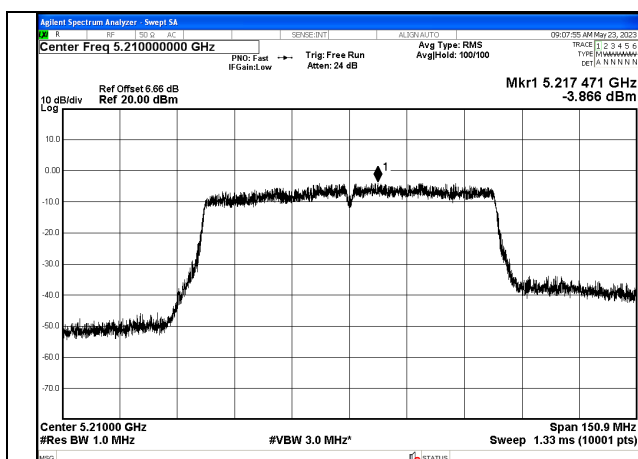


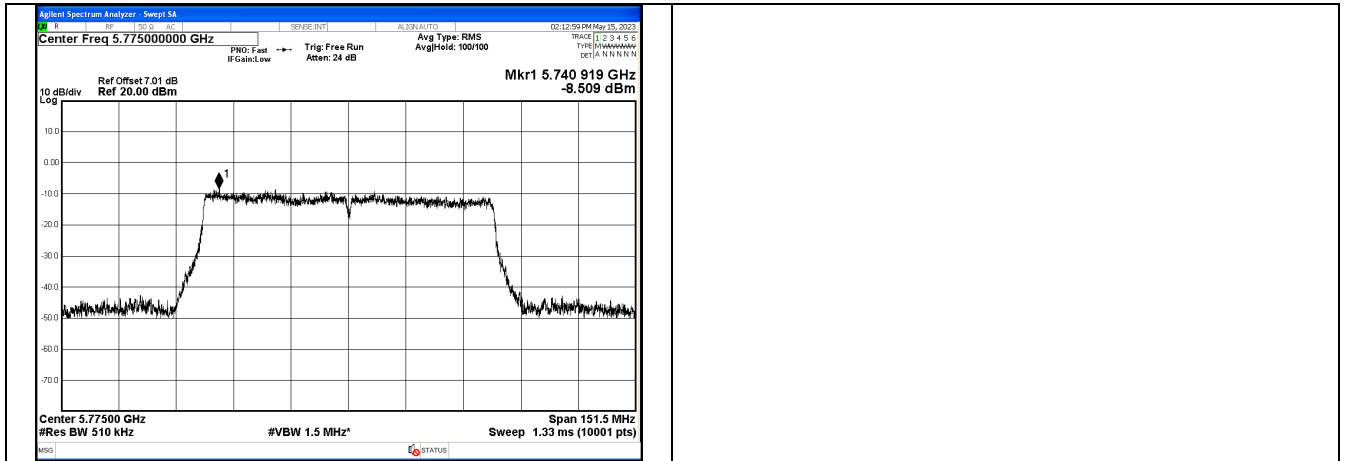


**802.11ac80 mode:**

| CH  | Freq. | ANT1_Power Spectral Density (dBm/MHz) | ANT2_Power Spectral Density (dBm/MHz) | Total_Power Spectral Density (dBm/MHz) | FCC Limit (dBm/MHz) | Result |
|-----|-------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------|--------|
| 42  | 5210  | -3.866                                | /                                     | /                                      | 11                  | Pass   |
| 58  | 5290  | -5.175                                | /                                     | /                                      | 11                  | Pass   |
| 106 | 5530  | -4.324                                | /                                     | /                                      | 11                  | Pass   |
| 122 | 5610  | -4.584                                | /                                     | /                                      | 11                  | Pass   |

| CH  | Freq. | ANT1_Power Spectral Density (dBm/500KHz) | ANT2_Power Spectral Density (dBm/500K Hz) | Total_Power Spectral Density (dBm/500K Hz) | Limit (dBm/500KHz) | Result |
|-----|-------|------------------------------------------|-------------------------------------------|--------------------------------------------|--------------------|--------|
| 155 | 5775  | -8.509                                   | /                                         | /                                          | 30                 | Pass   |

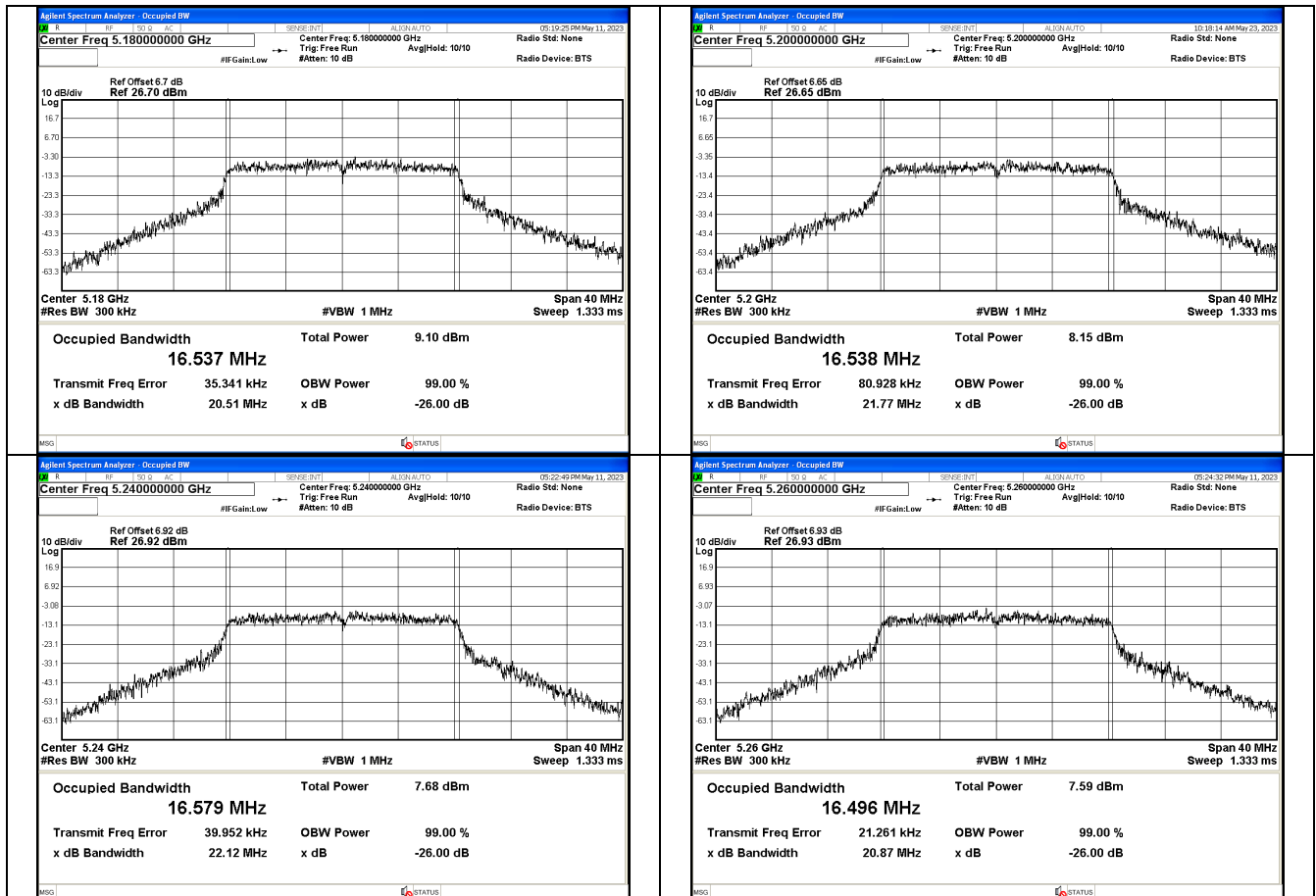


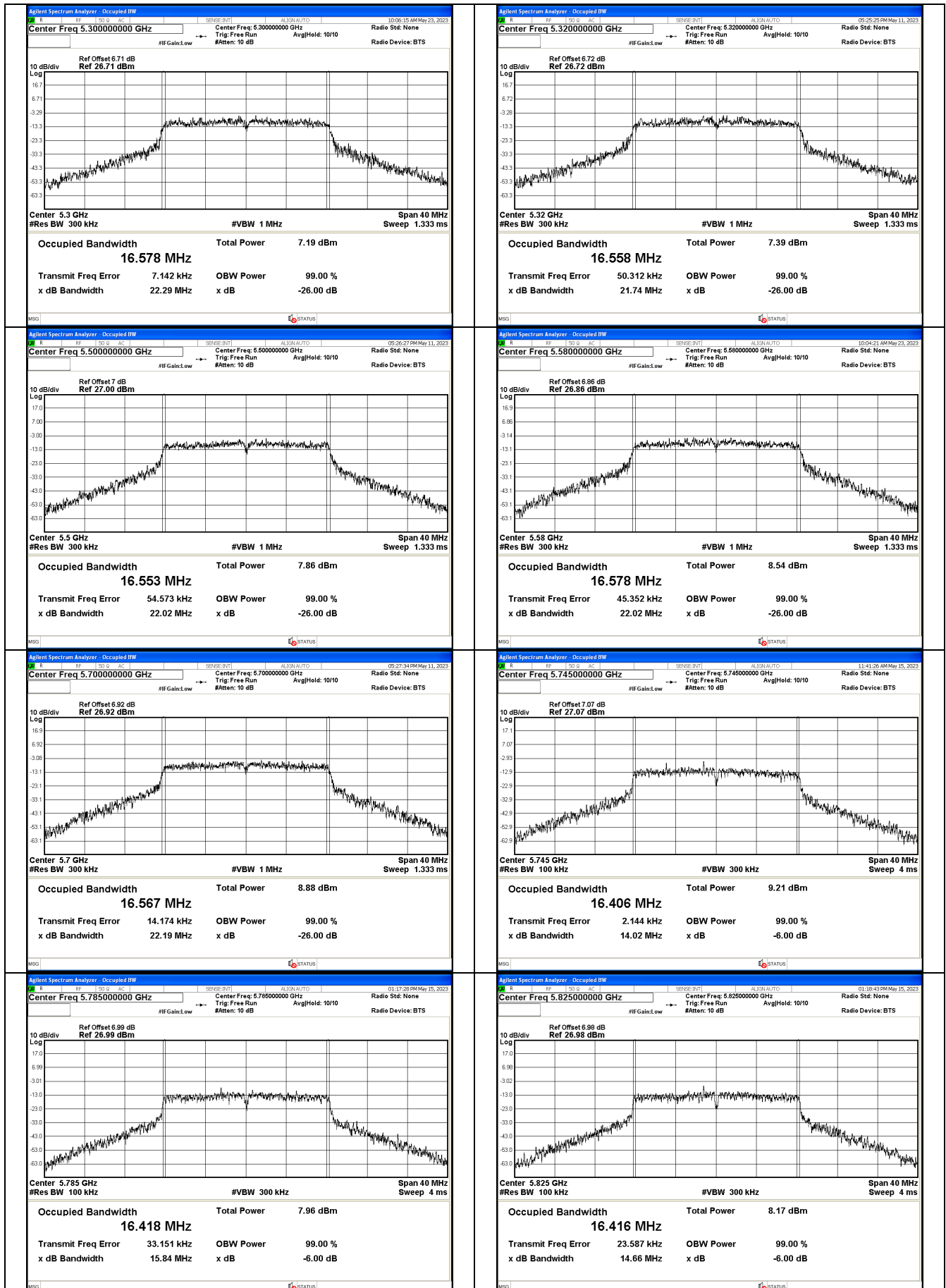


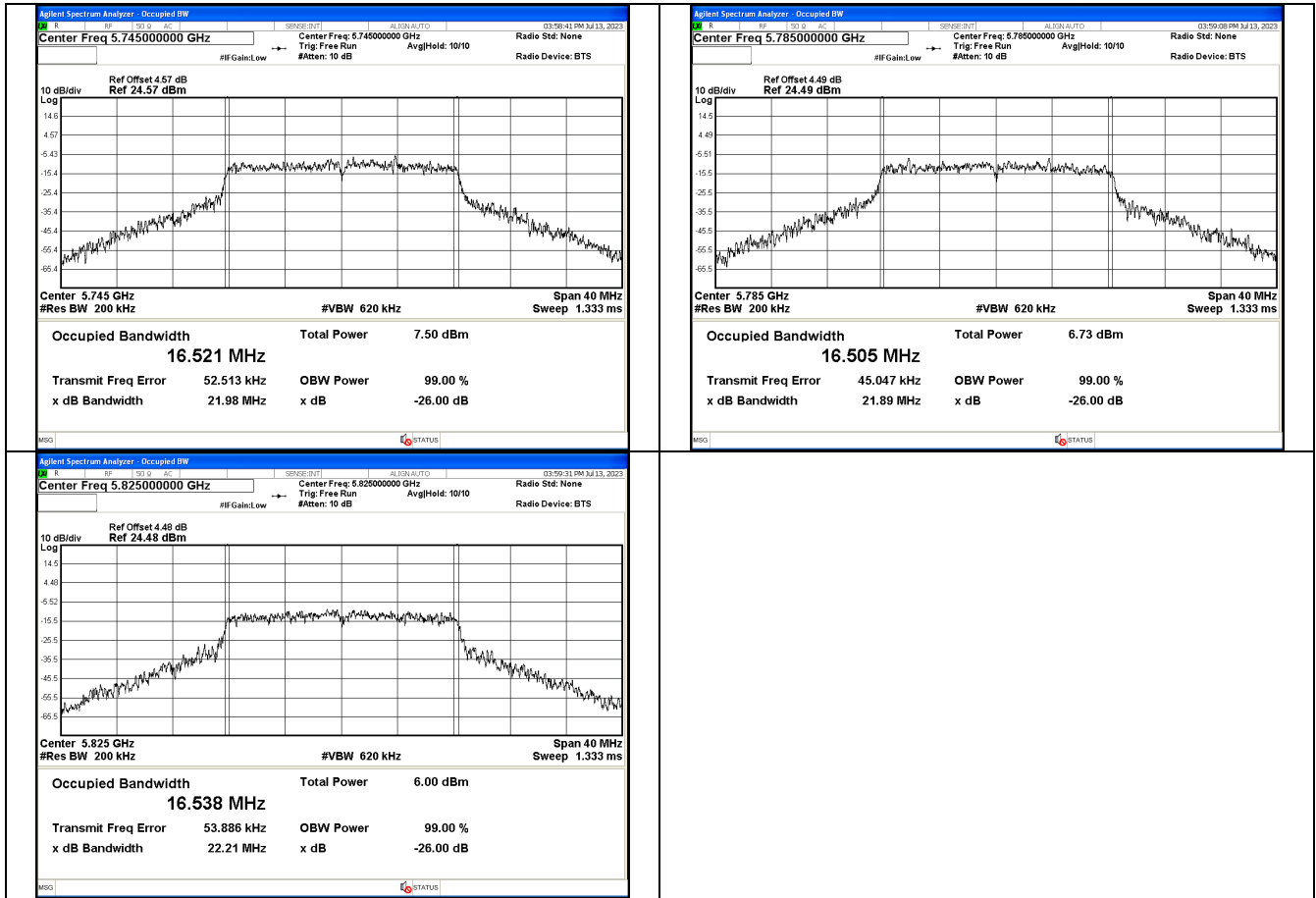
## Appendix A.5 Test Results of 6dB & 26dB & 99% BANDWIDTH

| 802.11a mode: |                 |                         |                     |                         |                     |
|---------------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
| Channel       | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|               |                 | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) |
| 36            | 5180            | 20.51                   | 16.5371             | /                       | /                   |
| 44            | 5200            | 21.77                   | 16.5379             | /                       | /                   |
| 48            | 5240            | 22.12                   | 16.5786             | /                       | /                   |
| 52            | 5260            | 20.87                   | 16.4960             | /                       | /                   |
| 56            | 5300            | 22.29                   | 16.5784             | /                       | /                   |
| 64            | 5320            | 21.74                   | 16.5582             | /                       | /                   |
| 100           | 5500            | 22.02                   | 16.5531             | /                       | /                   |
| 116           | 5580            | 22.02                   | 16.5778             | /                       | /                   |
| 140           | 5700            | 22.19                   | 16.5671             | /                       | /                   |

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) |
| 149     | 5745            | 14.02                   | 16.5212             | /                       | /                   |
| 157     | 5785            | 15.84                   | 16.5047             | /                       | /                   |
| 165     | 5825            | 14.66                   | 16.5377             | /                       | /                   |



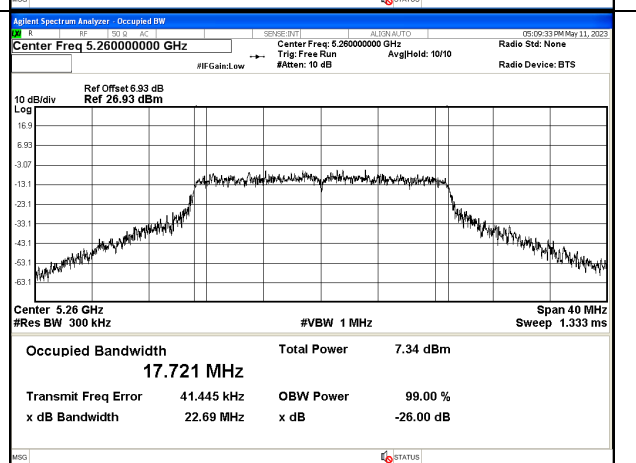
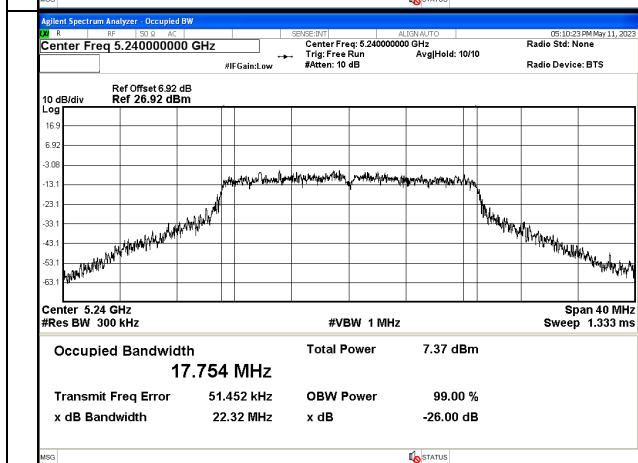
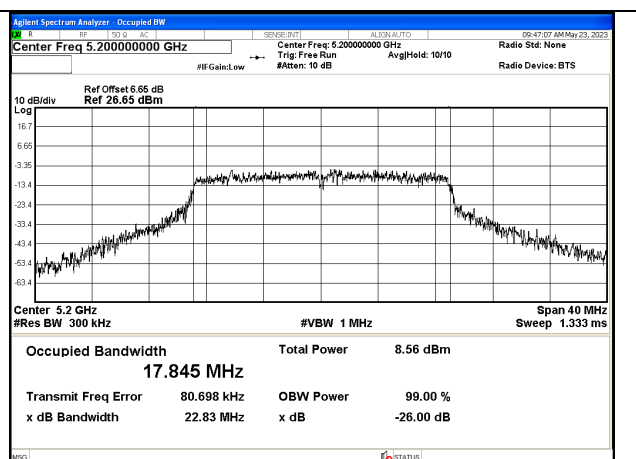
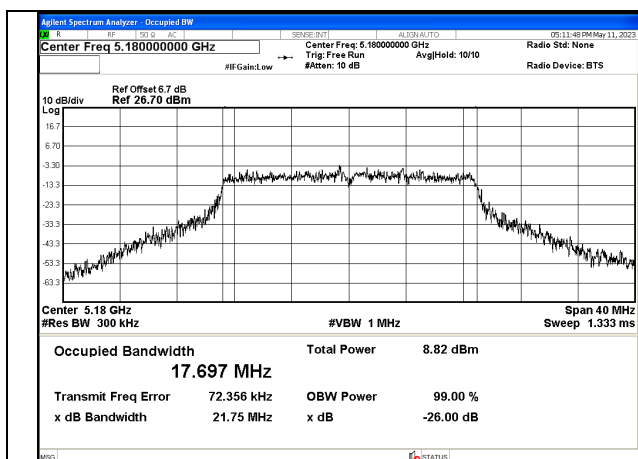


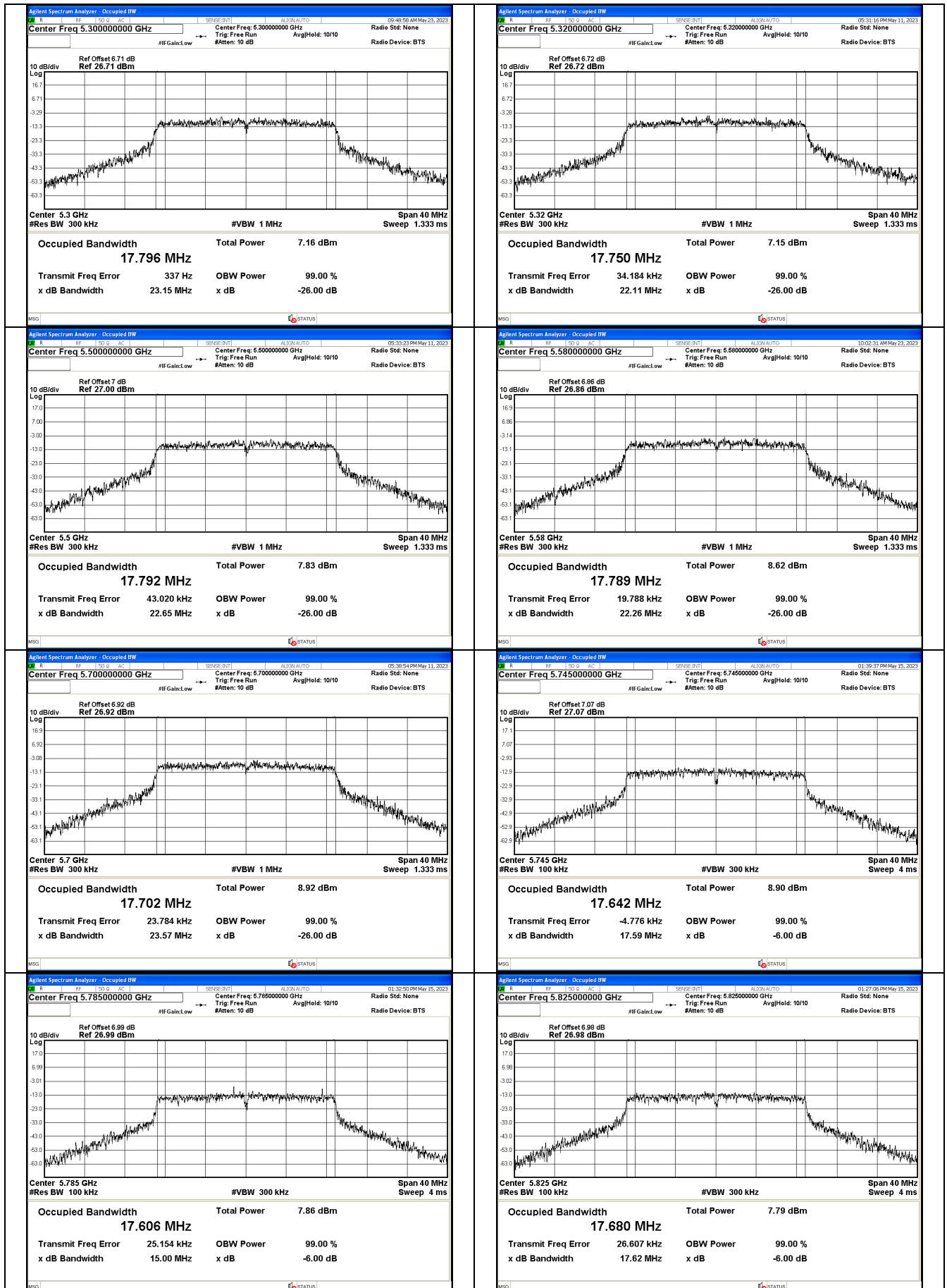


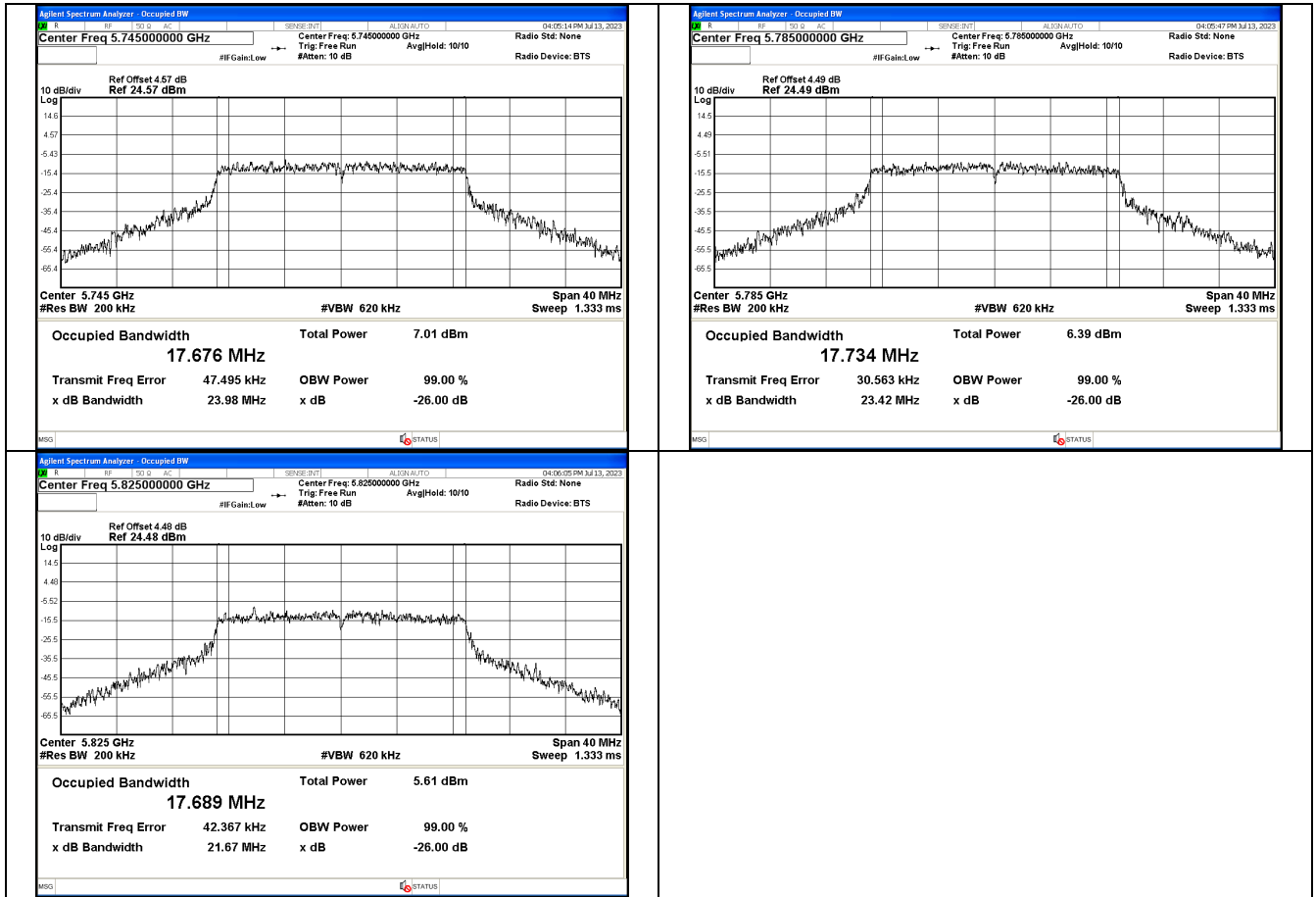
**802.11n20 mode:**

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) |
| 36      | 5180            | 21.75                   | 17.6965             | /                       | /                   |
| 44      | 5200            | 22.83                   | 17.8450             | /                       | /                   |
| 48      | 5240            | 22.32                   | 17.7539             | /                       | /                   |
| 52      | 5260            | 22.69                   | 17.7207             | /                       | /                   |
| 56      | 5300            | 23.15                   | 17.7956             | /                       | /                   |
| 64      | 5320            | 22.11                   | 17.7496             | /                       | /                   |
| 100     | 5500            | 22.65                   | 17.7919             | /                       | /                   |
| 116     | 5580            | 22.26                   | 17.7893             | /                       | /                   |
| 140     | 5700            | 23.57                   | 17.702              | /                       | /                   |

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) |
| 149     | 5745            | 17.59                   | 17.6758             | /                       | /                   |
| 157     | 5785            | 15.00                   | 17.7343             | /                       | /                   |
| 165     | 5825            | 17.62                   | 17.6887             | /                       | /                   |



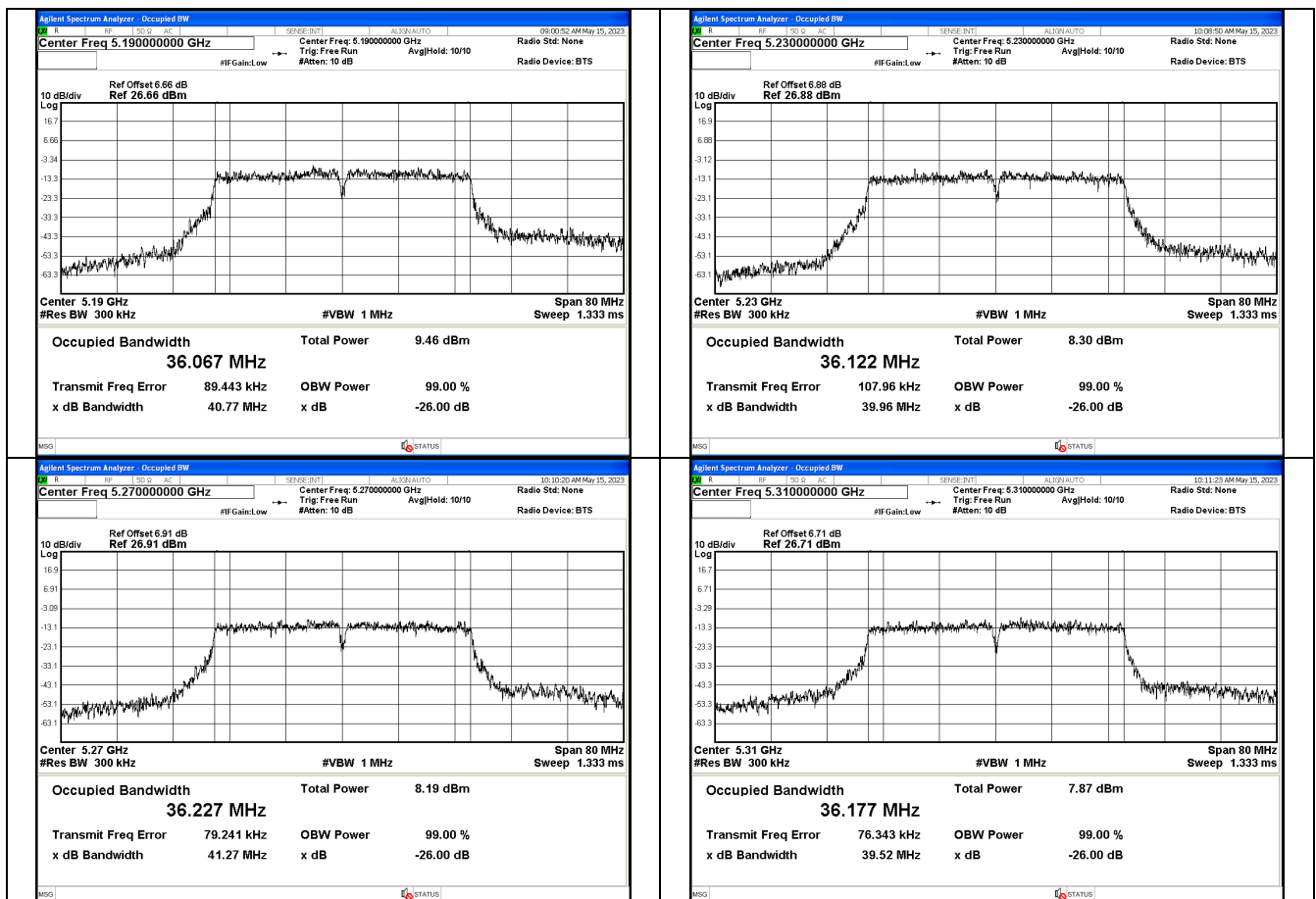


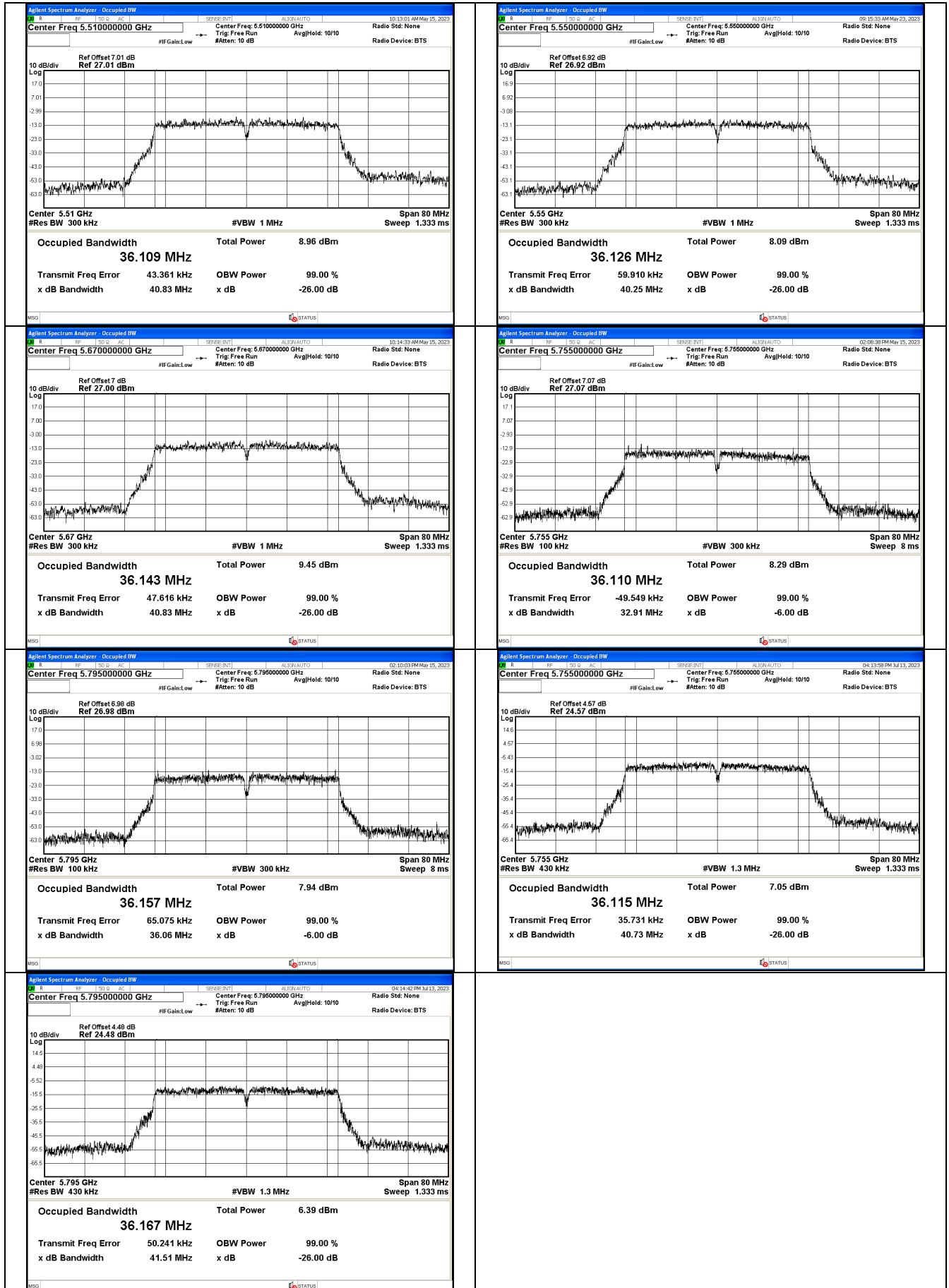


**802.11n40 mode:**

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) |
| 38      | 5190            | 40.77                   | 36.0666             | /                       | /                   |
| 46      | 5230            | 39.96                   | 36.1220             | /                       | /                   |
| 54      | 5270            | 41.27                   | 36.2267             | /                       | /                   |
| 62      | 5310            | 39.52                   | 36.1766             | /                       | /                   |
| 102     | 5510            | 40.83                   | 36.1089             | /                       | /                   |
| 110     | 5550            | 40.25                   | 36.1257             | /                       | /                   |
| 134     | 5670            | 40.83                   | 36.1426             | /                       | /                   |

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) |
| 151     | 5755            | 32.91                   | 36.1148             | /                       | /                   |
| 159     | 5795            | 36.06                   | 36.1671             | /                       | /                   |

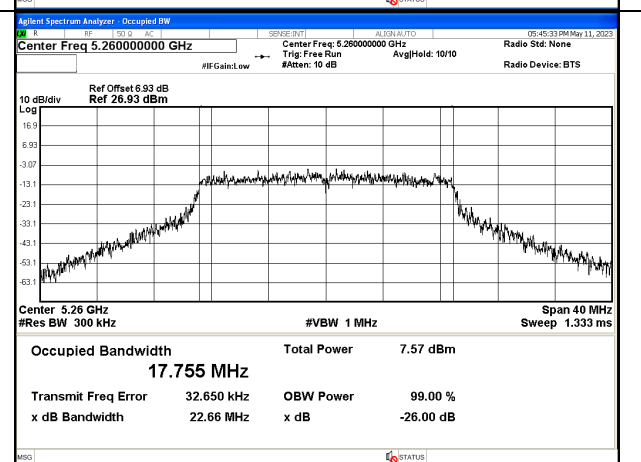
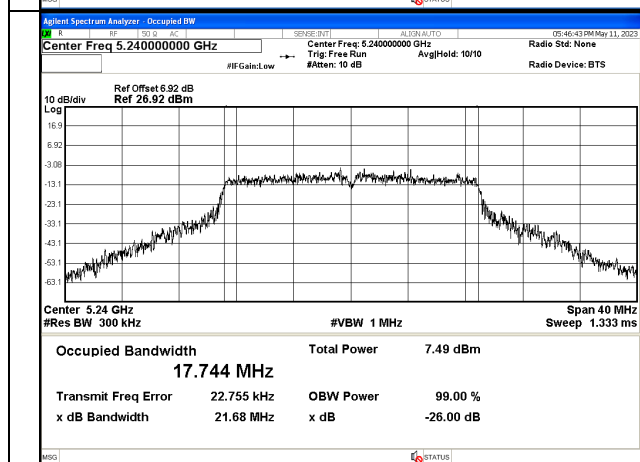
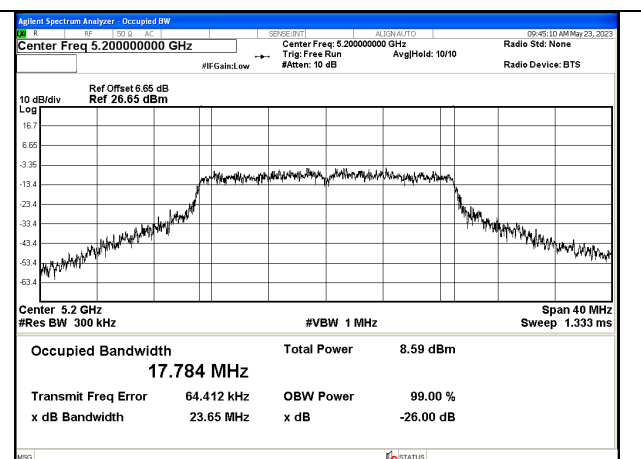
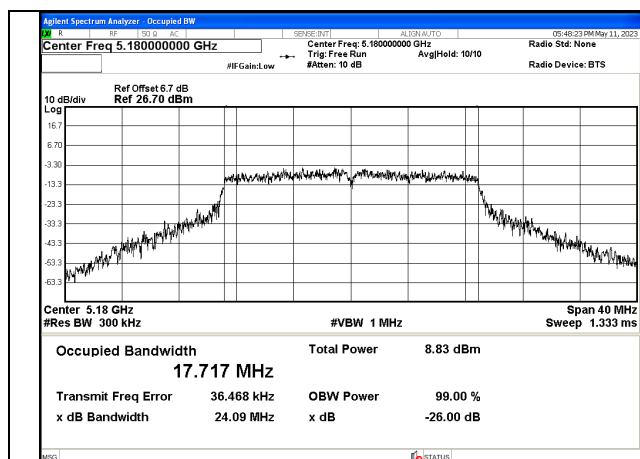


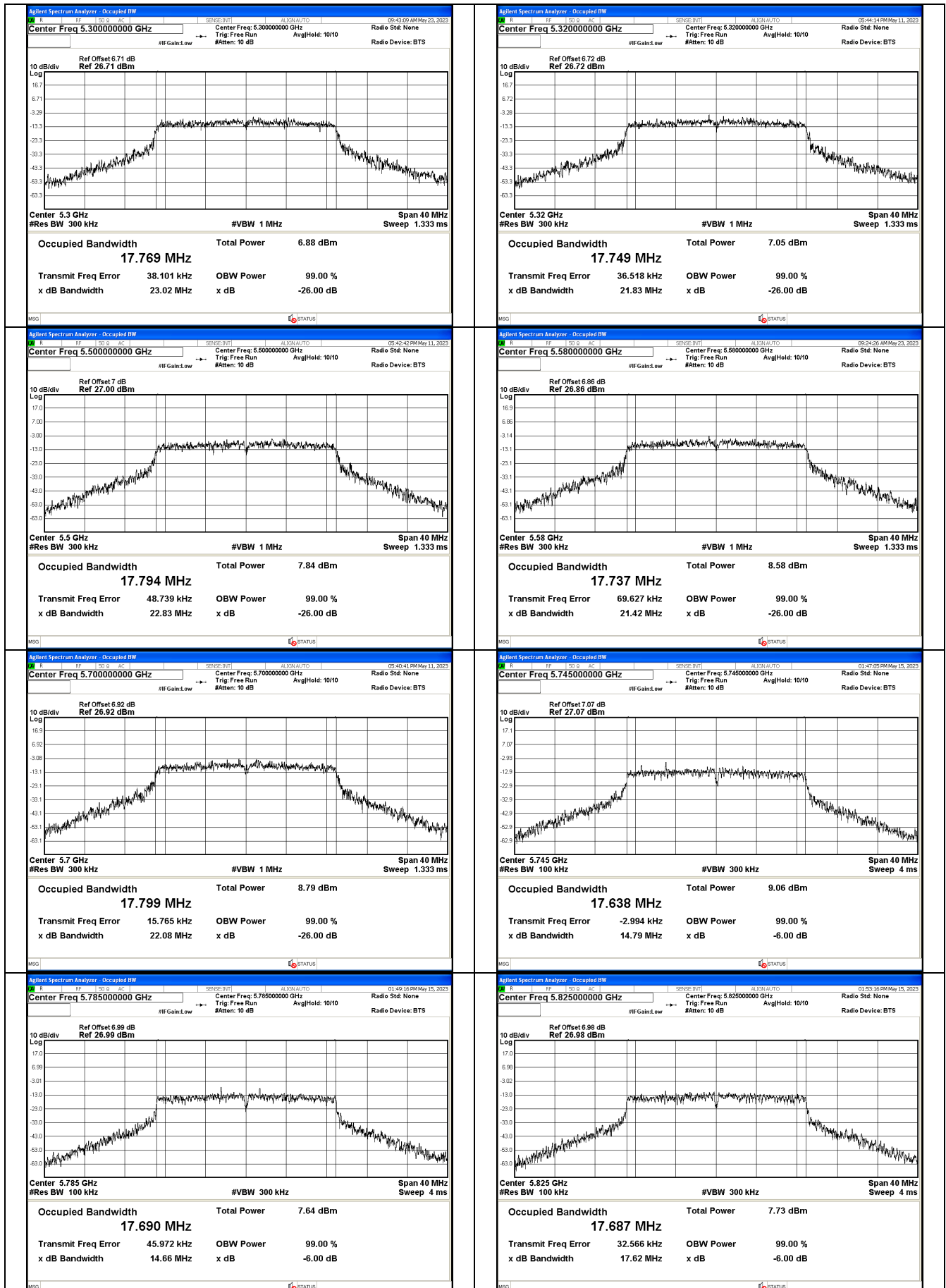


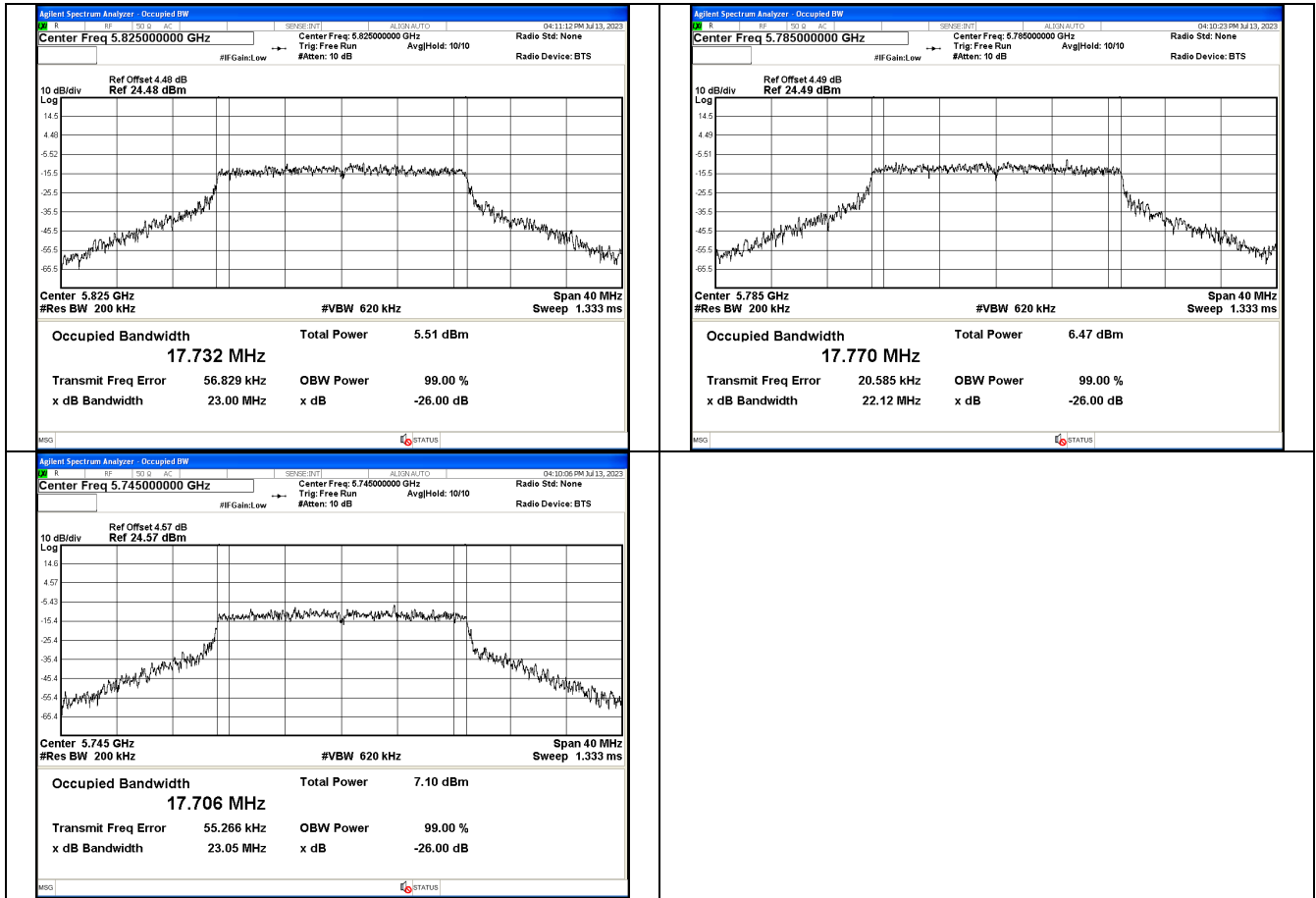
**802.11ac20 mode:**

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) |
| 36      | 5180            | 24.09                   | 17.7168             | /                       | /                   |
| 44      | 5200            | 23.65                   | 17.7843             | /                       | /                   |
| 48      | 5240            | 21.58                   | 17.7443             | /                       | /                   |
| 52      | 5260            | 22.66                   | 17.7549             | /                       | /                   |
| 56      | 5300            | 23.02                   | 17.7692             | /                       | /                   |
| 64      | 5320            | 21.83                   | 17.7491             | /                       | /                   |
| 100     | 5500            | 22.83                   | 17.7935             | /                       | /                   |
| 116     | 5580            | 21.42                   | 17.7374             | /                       | /                   |
| 140     | 5700            | 22.08                   | 17.7988             | /                       | /                   |

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) |
| 149     | 5745            | 14.79                   | 17.7063             | /                       | /                   |
| 157     | 5785            | 14.66                   | 17.7696             | /                       | /                   |
| 165     | 5825            | 17.62                   | 17.7325             | /                       | /                   |



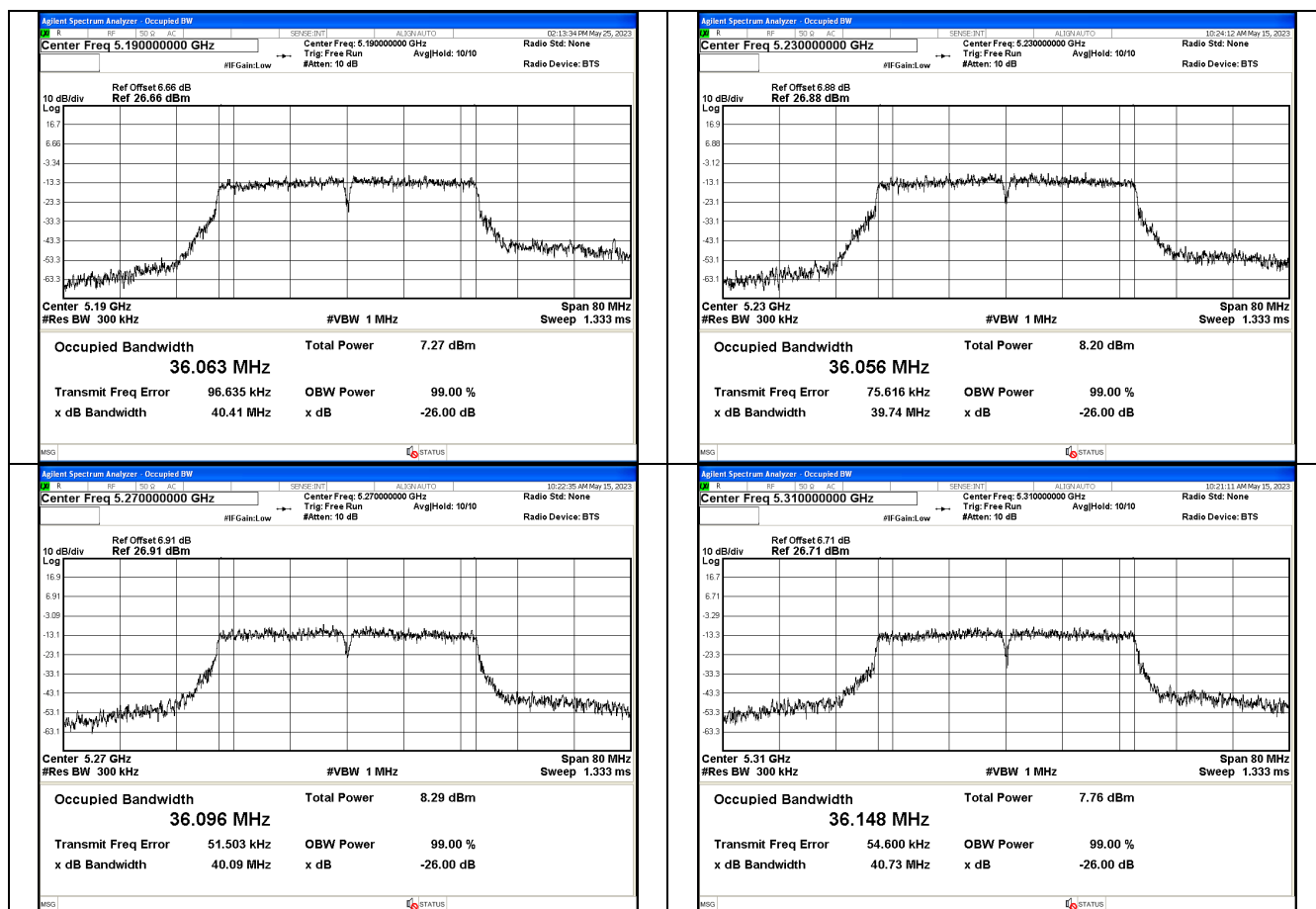


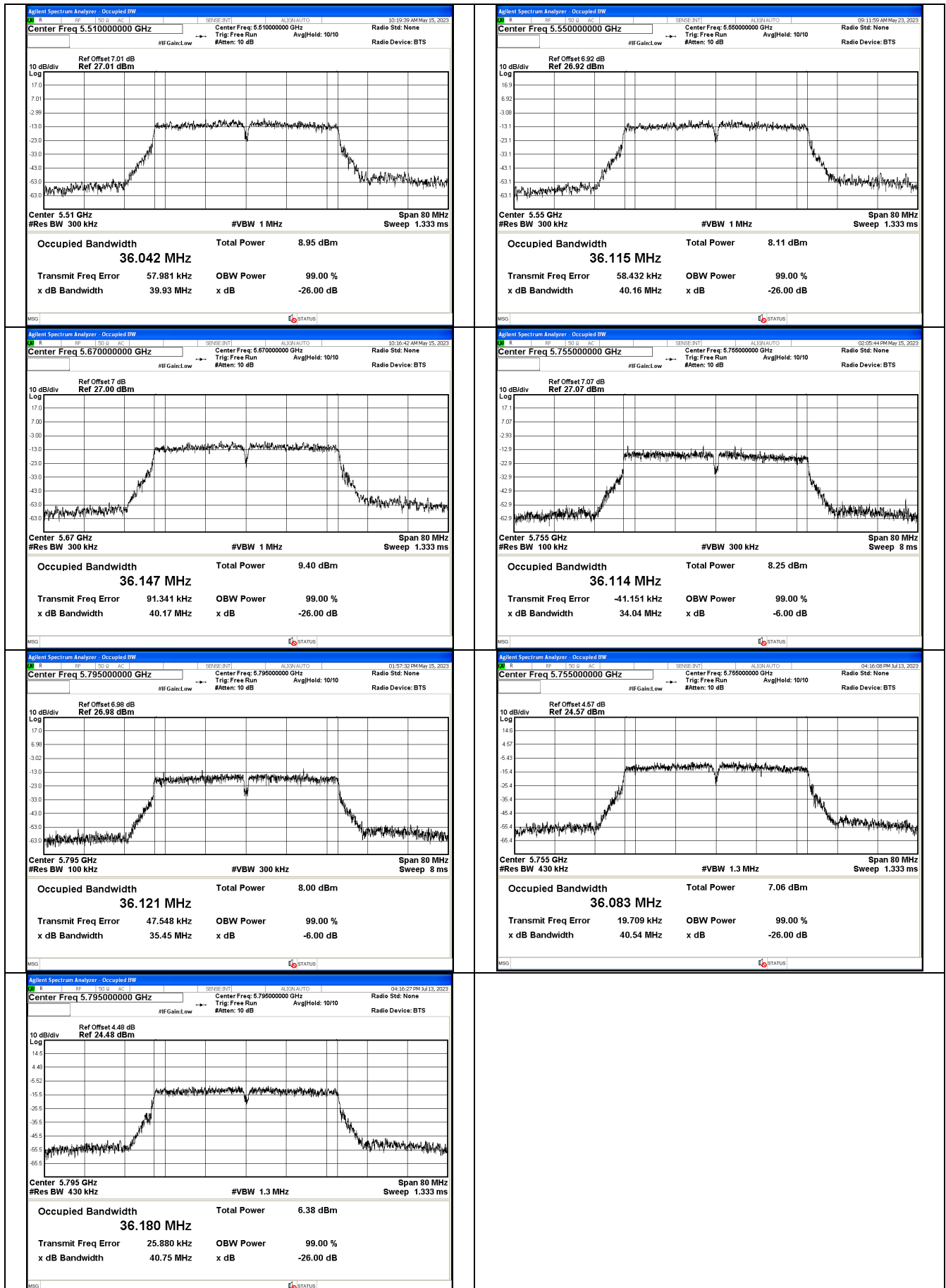


**802.11ac40 mode:**

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) |
| 38      | 5190            | 40.41                   | 36.0626             | /                       | /                   |
| 46      | 5230            | 39.74                   | 36.0563             | /                       | /                   |
| 54      | 5270            | 40.09                   | 36.0962             | /                       | /                   |
| 62      | 5310            | 40.73                   | 36.1478             | /                       | /                   |
| 102     | 5510            | 39.93                   | 36.0416             | /                       | /                   |
| 110     | 5550            | 40.16                   | 36.1147             | /                       | /                   |
| 134     | 5670            | 40.17                   | 36.1468             | /                       | /                   |

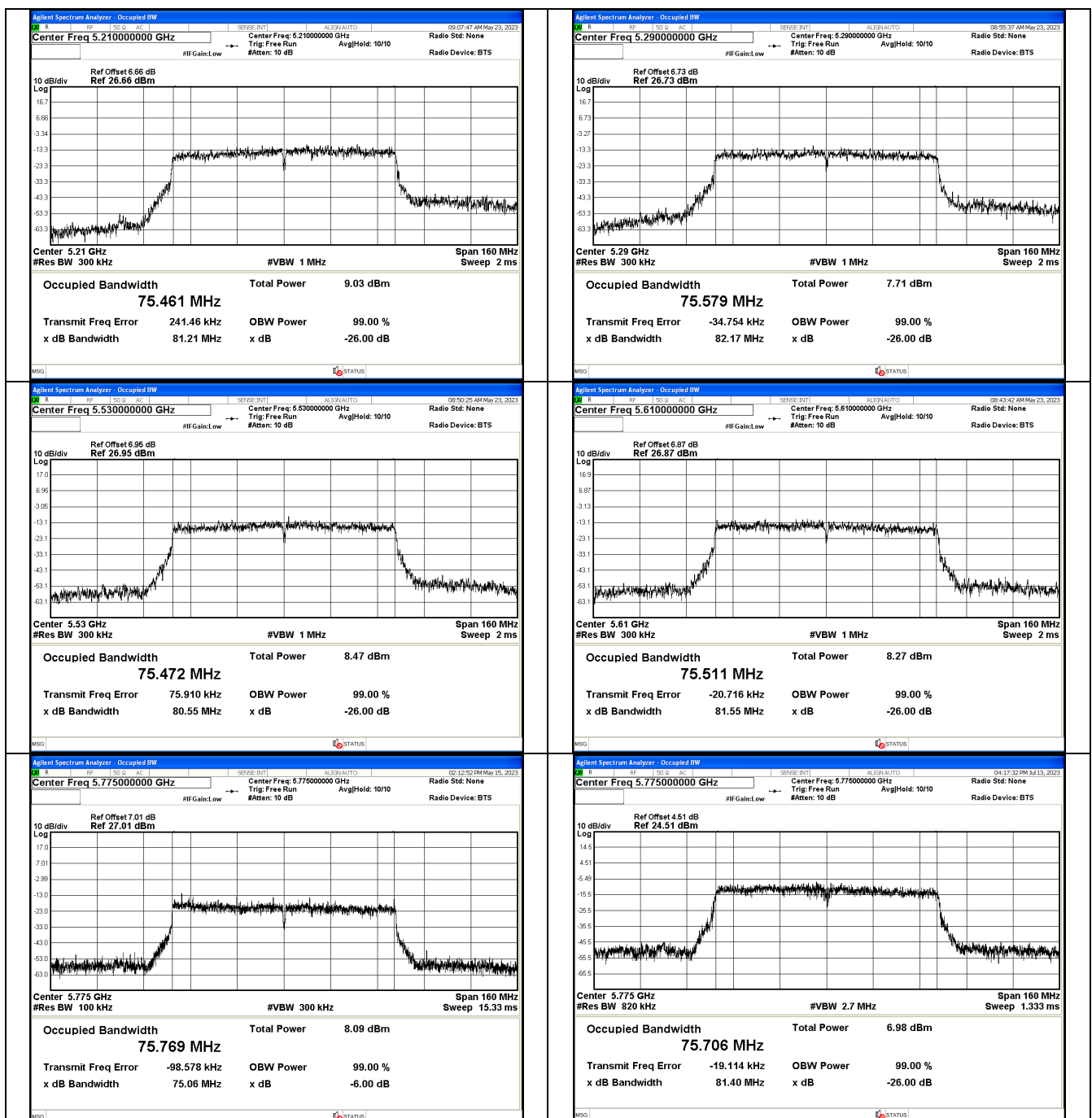
| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) |
| 151     | 5755            | 34.04                   | 36.0828             | /                       | /                   |
| 159     | 5795            | 35.45                   | 36.1804             | /                       | /                   |





| 802.11ac80 mode: |                 |                         |                     |                         |                     |
|------------------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
| Channel          | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|                  |                 | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz)    | 99% Bandwidth (MHz) |
| 42               | 5210            | 81.21                   | 75.4612             | /                       | /                   |
| 58               | 5290            | 82.17                   | 75.5793             | /                       | /                   |
| 106              | 5530            | 80.55                   | 75.4724             | /                       | /                   |
| 122              | 5610            | 81.55                   | 75.5111             | /                       | /                   |

| Channel | Frequency (MHz) | ANT1 Emission Bandwidth |                     | ANT2 Emission Bandwidth |                     |
|---------|-----------------|-------------------------|---------------------|-------------------------|---------------------|
|         |                 | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) | 6dB Bandwidth (MHz)     | 99% Bandwidth (MHz) |
| 155     | 5775            | 75.06                   | 75.7064             | /                       | /                   |



## Appendix A.6 Test Results of Maximum Conducted Output Power

| 802.11a mode |       |                            |                            |                 |        |
|--------------|-------|----------------------------|----------------------------|-----------------|--------|
| CH           | Freq. | ANT1_Conducted Power (dBm) | ANT2_Conducted Power (dBm) | FCC Limit (dBm) | Result |
| 36           | 5180  | 8.33                       | /                          | 23.98           | Pass   |
| 40           | 5200  | 8.50                       | /                          | 23.98           | Pass   |
| 48           | 5240  | 6.76                       | /                          | 23.98           | Pass   |
| 52           | 5260  | 7.36                       | /                          | 23.98           | Pass   |
| 60           | 5300  | 8.26                       | /                          | 23.98           | Pass   |
| 64           | 5320  | 8.59                       | /                          | 23.98           | Pass   |
| 100          | 5500  | 9.90                       | /                          | 23.98           | Pass   |
| 116          | 5580  | 9.79                       | /                          | 23.98           | Pass   |
| 140          | 5700  | 7.37                       | /                          | 23.98           | Pass   |
| 149          | 5745  | 7.96                       | /                          | 30              | Pass   |
| 157          | 5785  | 7.68                       | /                          | 30              | Pass   |
| 165          | 5825  | 6.68                       | /                          | 30              | Pass   |

**Note:**

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/an/ac: 4.42 dBi(ANT1).

| 802.11n20 mode |       |                            |                            |             |                 |        |
|----------------|-------|----------------------------|----------------------------|-------------|-----------------|--------|
| CH             | Freq. | ANT1_Conducted Power (dBm) | ANT2_Conducted Power (dBm) | Total (dBm) | FCC Limit (dBm) | Result |
|                |       |                            |                            | Conducted   |                 |        |
| 36             | 5180  | 8.29                       | /                          |             | 23.98           | Pass   |
| 40             | 5200  | 8.60                       | /                          |             | 23.98           | Pass   |
| 48             | 5240  | 6.73                       | /                          |             | 23.98           | Pass   |
| 52             | 5260  | 7.36                       | /                          |             | 23.98           | Pass   |
| 60             | 5300  | 8.27                       | /                          |             | 23.98           | Pass   |
| 64             | 5320  | 8.61                       | /                          |             | 23.98           | Pass   |
| 100            | 5500  | 9.91                       | /                          |             | 23.98           | Pass   |
| 116            | 5580  | 9.78                       | /                          |             | 23.98           | Pass   |
| 140            | 5700  | 7.44                       | /                          |             | 23.98           | Pass   |
| 149            | 5745  | 7.94                       | /                          |             | 30              | Pass   |
| 157            | 5785  | 7.70                       | /                          |             | 30              | Pass   |
| 165            | 5825  | 6.66                       | /                          |             | 30              | Pass   |

**Note:**

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/an/ac: 4.42 dBi(ANT1) .

| 802.11n40 mode |       |                            |                            |                       |                 |        |
|----------------|-------|----------------------------|----------------------------|-----------------------|-----------------|--------|
| CH             | Freq. | ANT1_Conducted Power (dBm) | ANT2_Conducted Power (dBm) | Total (dBm) Conducted | FCC Limit (dBm) | Result |
| 38             | 5190  | 9.87                       | /                          | /                     | 23.98           | Pass   |
| 46             | 5230  | 7.86                       | /                          | /                     | 23.98           | Pass   |
| 54             | 5270  | 9.27                       | /                          | /                     | 23.98           | Pass   |
| 62             | 5310  | 9.97                       | /                          | /                     | 23.98           | Pass   |
| 102            | 5510  | 11.50                      | /                          | /                     | 23.98           | Pass   |
| 110            | 5550  | 11.33                      | /                          | /                     | 23.98           | Pass   |
| 134            | 5670  | 9.56                       | /                          | /                     | 23.98           | Pass   |
| 151            | 5755  | 9.03                       | /                          | /                     | 30              | Pass   |
| 159            | 5795  | 9.05                       | /                          | /                     | 30              | Pass   |

**Note:**

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/an/ac: 4.42 dBi(ANT1) .

| 802.11ac20 mode |       |                            |                            |                       |                 |        |
|-----------------|-------|----------------------------|----------------------------|-----------------------|-----------------|--------|
| CH              | Freq. | ANT1_Conducted Power (dBm) | ANT2_Conducted Power (dBm) | Total (dBm) Conducted | FCC Limit (dBm) | Result |
| 36              | 5180  | 8.28                       | /                          | /                     | 23.98           | Pass   |
| 40              | 5200  | 8.65                       | /                          | /                     | 23.98           | Pass   |
| 48              | 5240  | 6.67                       | /                          | /                     | 23.98           | Pass   |
| 52              | 5260  | 7.35                       | /                          | /                     | 23.98           | Pass   |
| 60              | 5300  | 8.25                       | /                          | /                     | 23.98           | Pass   |
| 64              | 5320  | 8.58                       | /                          | /                     | 23.98           | Pass   |
| 100             | 5500  | 9.86                       | /                          | /                     | 23.98           | Pass   |
| 116             | 5580  | 9.99                       | /                          | /                     | 23.98           | Pass   |
| 140             | 5700  | 7.44                       | /                          | /                     | 23.98           | Pass   |
| 149             | 5745  | 7.92                       | /                          | /                     | 30              | Pass   |
| 157             | 5785  | 7.72                       | /                          | /                     | 30              | Pass   |
| 165             | 5825  | 6.68                       | /                          | /                     | 30              | Pass   |

**Note:**

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/an/ac: 4.42 dBi(ANT1) .

| 802.11ac40 mode |       |                            |                            |                       |                 |        |
|-----------------|-------|----------------------------|----------------------------|-----------------------|-----------------|--------|
| CH              | Freq. | ANT1_Conducted Power (dBm) | ANT2_Conducted Power (dBm) | Total (dBm) Conducted | FCC Limit (dBm) | Result |
| 38              | 5190  | 9.74                       | /                          | /                     | 23.98           | Pass   |
| 46              | 5230  | 8.01                       | /                          | /                     | 23.98           | Pass   |
| 54              | 5270  | 9.26                       | /                          | /                     | 23.98           | Pass   |
| 62              | 5310  | 9.90                       | /                          | /                     | 23.98           | Pass   |
| 102             | 5510  | 11.48                      | /                          | /                     | 23.98           | Pass   |
| 110             | 5550  | 11.31                      | /                          | /                     | 23.98           | Pass   |
| 134             | 5670  | 9.66                       | /                          | /                     | 23.98           | Pass   |
| 151             | 5755  | 9.05                       | /                          | /                     | 30              | Pass   |
| 159             | 5795  | 9.17                       | /                          | /                     | 30              | Pass   |

**Note:**

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/an/ac: 4.42 dBi(ANT1) .

| 802.11ac80 mode |       |                            |                            |                       |                 |        |
|-----------------|-------|----------------------------|----------------------------|-----------------------|-----------------|--------|
| CH              | Freq. | ANT1_Conducted Power (dBm) | ANT2_Conducted Power (dBm) | Total (dBm) Conducted | FCC Limit (dBm) | Result |
| 42              | 5210  | 9.99                       | /                          | /                     | 23.98           | Pass   |
| 58              | 5290  | 9.55                       | /                          | /                     | 23.98           | Pass   |
| 106             | 5530  | 11.02                      | /                          | /                     | 23.98           | Pass   |
| 122             | 5610  | 10.51                      | /                          | /                     | 23.98           | Pass   |
| 155             | 5775  | 8.82                       | /                          | /                     | 30              | Pass   |

**Note:**

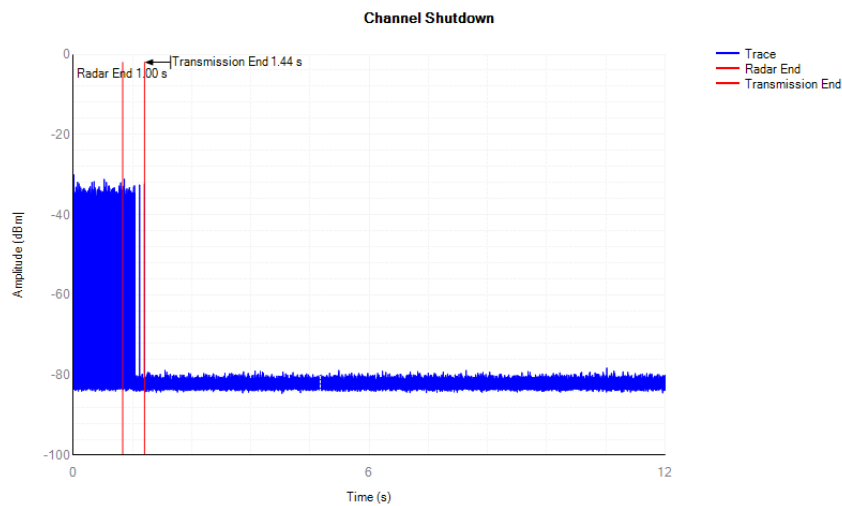
- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of 802.11 a/an/ac: 4.42 dBi(ANT1) .

## Appendix A.7 Test Results of Dynamic Frequency Selection (DFS)

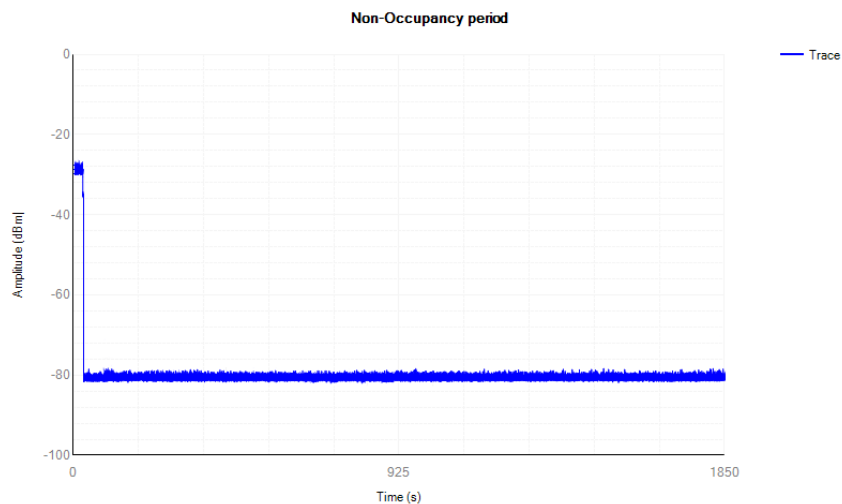
| Band II                           |            |             |                         |             |          |
|-----------------------------------|------------|-------------|-------------------------|-------------|----------|
| Description                       | Radar Type | Radar Freq. | Measured Val.(s)        | Requirement | Status   |
| Channel closing transmission time | 1          | 5290        | 0.4433                  | <260ms      | Complies |
| Channel move time                 | 1          | 5290        | 0.0705                  | <10s        | Complies |
| Non-Occupancy Period              | 1          | 5290        | not be less than 30 Min | 30 Minutes  | Complies |

| Band III                          |            |             |                         |             |          |
|-----------------------------------|------------|-------------|-------------------------|-------------|----------|
| Description                       | Radar Type | Radar Freq. | Measured Val.(s)        | Requirement | Status   |
| Channel closing transmission time | 1          | 5610        | 2.1845                  | <260ms      | Complies |
| Channel move time                 | 1          | 5610        | 0.0039                  | <10s        | Complies |
| Non-Occupancy Period              | 1          | 5610        | not be less than 30 Min | 30 Minutes  | Complies |

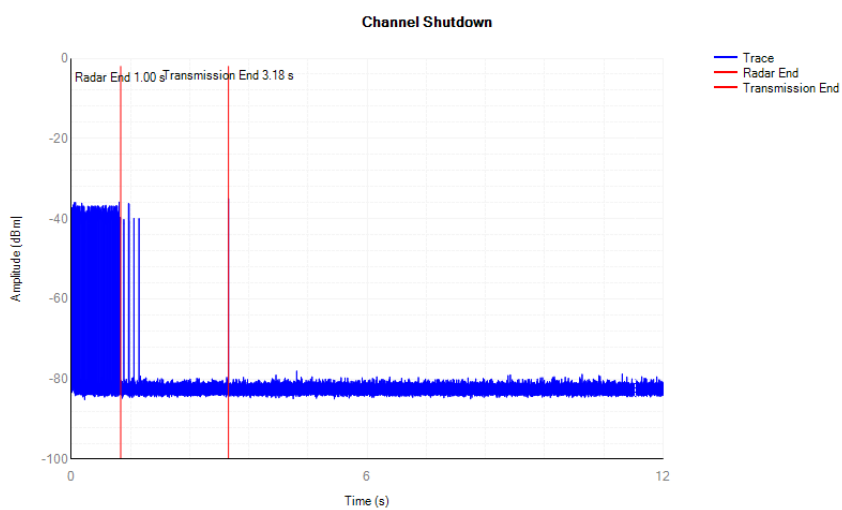
### 5280MHz Shutdown



### 5280MHz Non-Occupancy Period



### 5620MHz Shutdown



### 5620MHz Non-Occupancy Period

