

**Result**

| Mode                              | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|-----------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                           | Pass   | Inf           | 21.57M              | 17.901M            | 21.33M              | 17.841M            |
| 5200MHz                           | Pass   | Inf           | 21.36M              | 17.901M            | 21.39M              | 17.871M            |
| 5240MHz                           | Pass   | Inf           | 21.6M               | 17.901M            | 21.39M              | 17.871M            |
| 5745MHz                           | Pass   | 500k          | 17.58M              | 17.991M            | 17.58M              | 17.931M            |
| 5785MHz                           | Pass   | 500k          | 17.55M              | 18.711M            | 17.55M              | 18.351M            |
| 5825MHz                           | Pass   | 500k          | 17.55M              | 20.33M             | 17.58M              | 19.16M             |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                           | Pass   | Inf           | 40.02M              | 36.462M            | 39.78M              | 36.462M            |
| 5230MHz                           | Pass   | Inf           | 39.78M              | 36.462M            | 40.02M              | 36.462M            |
| 5755MHz                           | Pass   | 500k          | 36.3M               | 37.241M            | 36.06M              | 37.001M            |
| 5795MHz                           | Pass   | 500k          | 36.36M              | 43.238M            | 36.3M               | 37.721M            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                           | Pass   | Inf           | 80.52M              | 75.802M            | 80.64M              | 75.682M            |
| 5775MHz                           | Pass   | 500k          | 75.24M              | 75.922M            | 75.36M              | 75.922M            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                           | Pass   | Inf           | 21.33M              | 19.07M             | 21.48M              | 19.04M             |
| 5200MHz                           | Pass   | Inf           | 21.33M              | 19.04M             | 21.6M               | 19.07M             |
| 5240MHz                           | Pass   | Inf           | 21.39M              | 19.04M             | 21.54M              | 19.07M             |
| 5745MHz                           | Pass   | 500k          | 18.93M              | 19.13M             | 18.96M              | 19.13M             |
| 5785MHz                           | Pass   | 500k          | 18.87M              | 19.46M             | 18.93M              | 19.34M             |
| 5825MHz                           | Pass   | 500k          | 18.78M              | 20.42M             | 18.54M              | 19.58M             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                           | Pass   | Inf           | 40.02M              | 37.661M            | 40.14M              | 37.601M            |
| 5230MHz                           | Pass   | Inf           | 40.32M              | 37.661M            | 40.32M              | 37.601M            |
| 5755MHz                           | Pass   | 500k          | 37.32M              | 38.021M            | 37.38M              | 37.841M            |
| 5795MHz                           | Pass   | 500k          | 37.74M              | 39.34M             | 37.38M              | 38.141M            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                           | Pass   | Inf           | 81.12M              | 77.001M            | 81.12M              | 77.001M            |
| 5775MHz                           | Pass   | 500k          | 75.36M              | 77.121M            | 77.04M              | 77.001M            |

**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

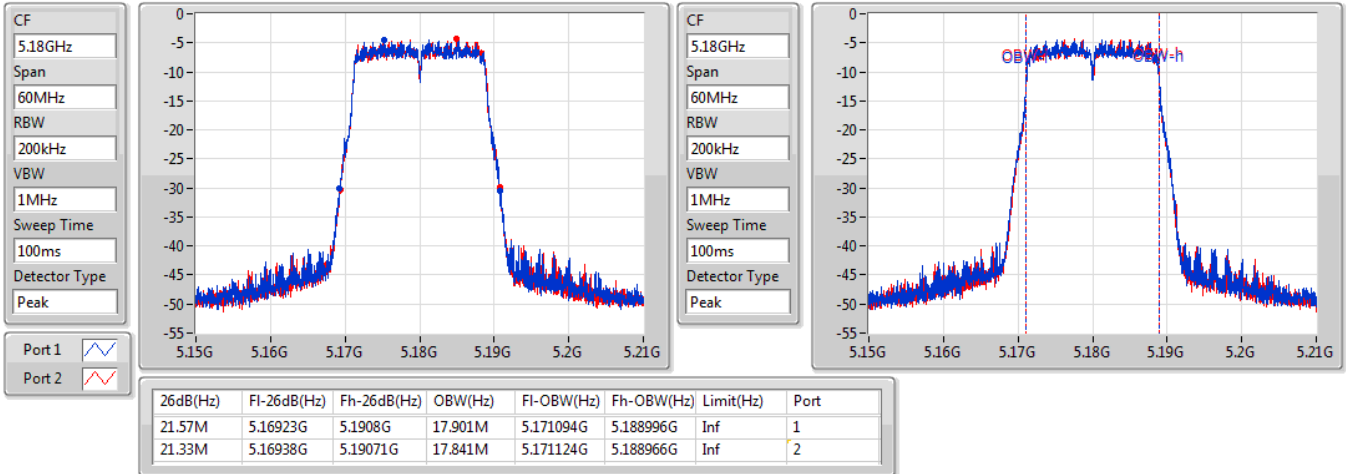
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5180MHz**

23/02/2020

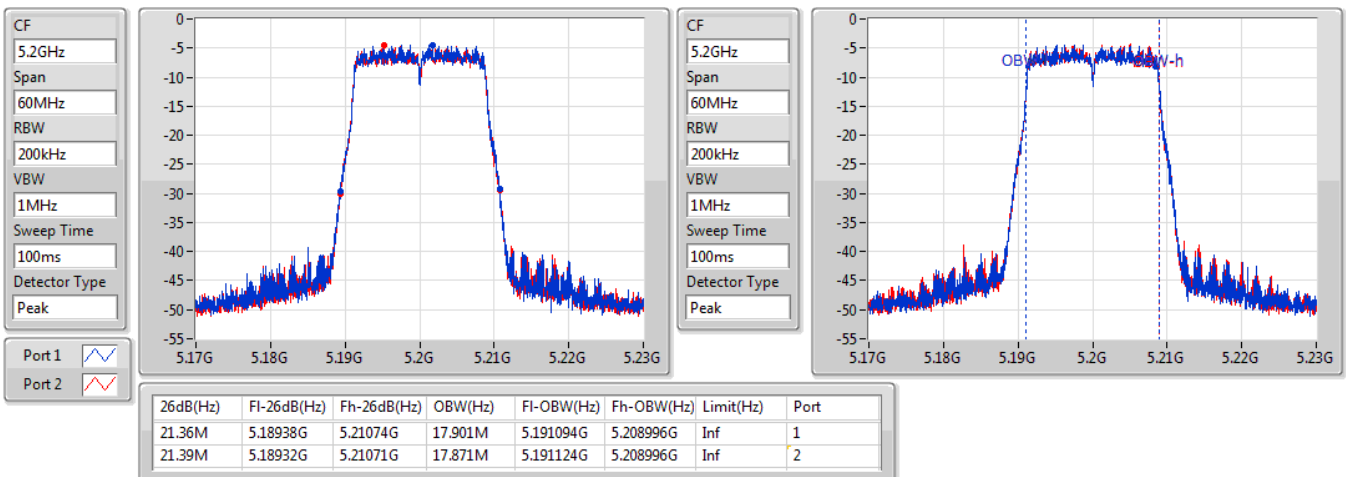


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5200MHz**

23/02/2020

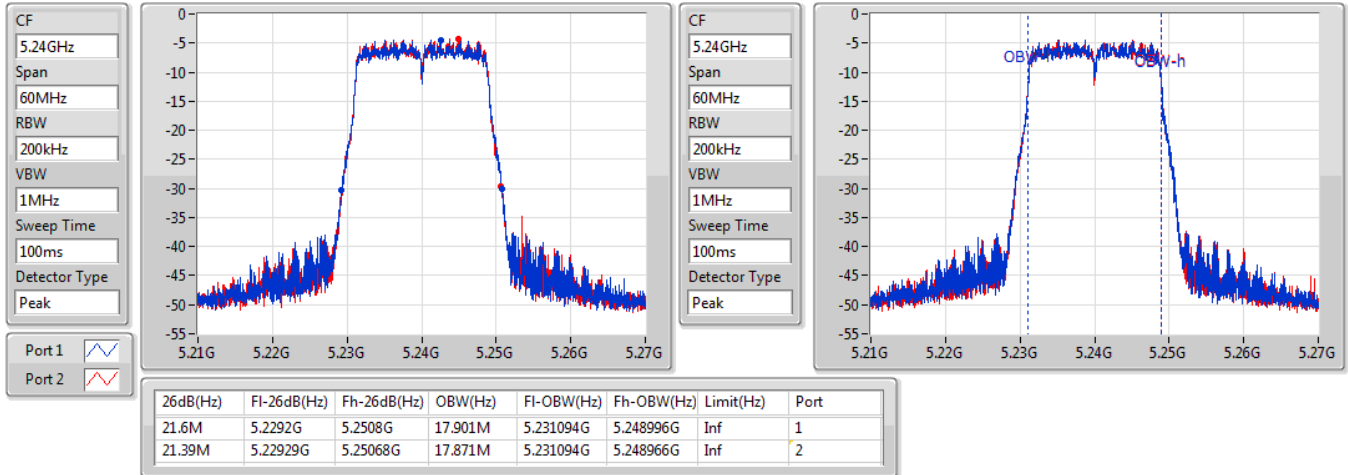


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5240MHz**

23/02/2020

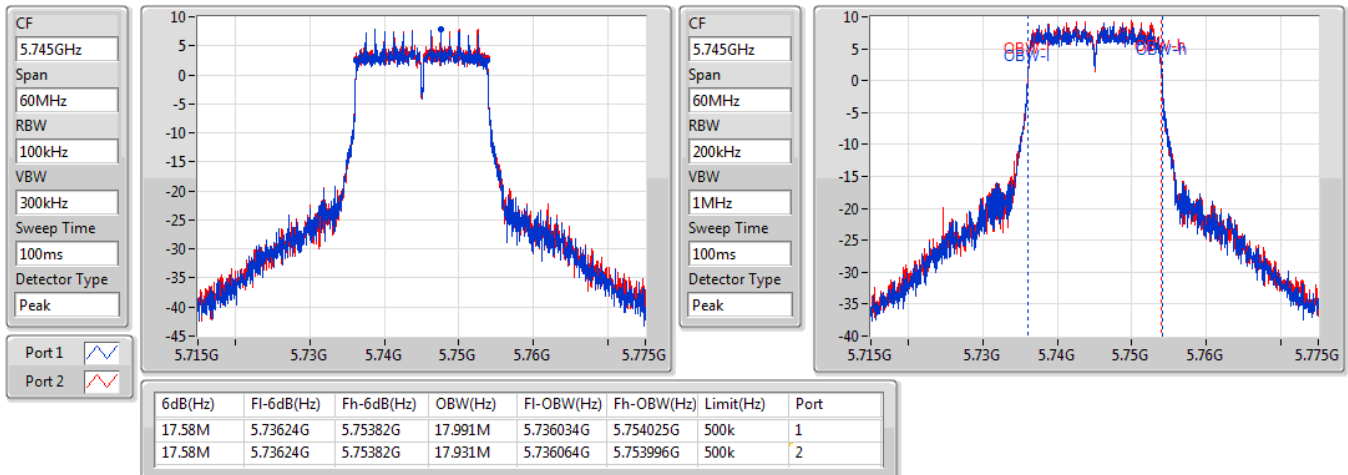


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5745MHz**

23/02/2020

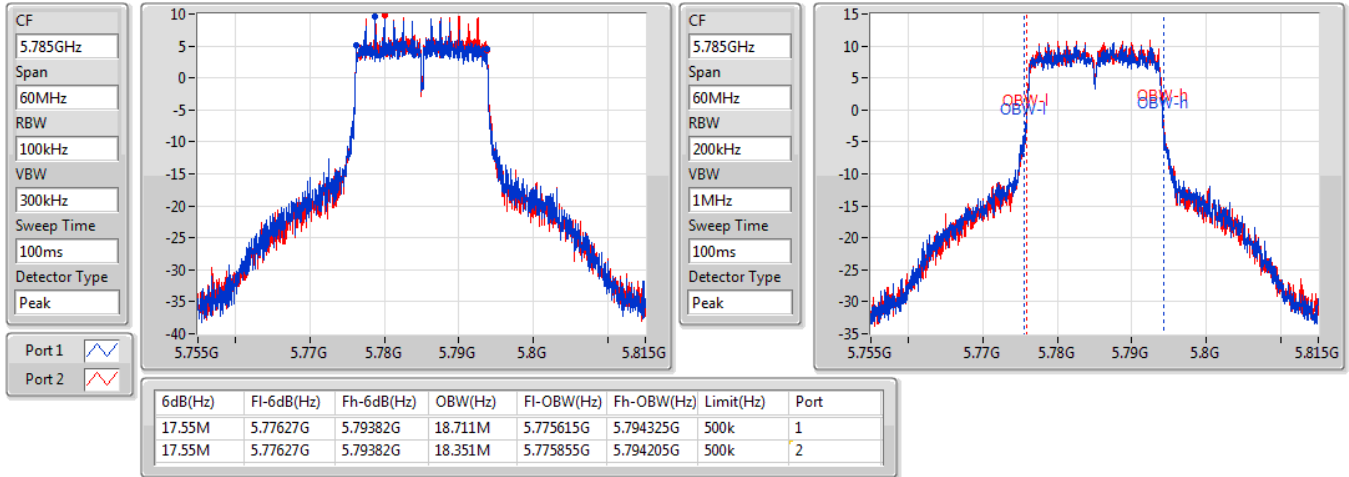


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5785MHz**

23/02/2020

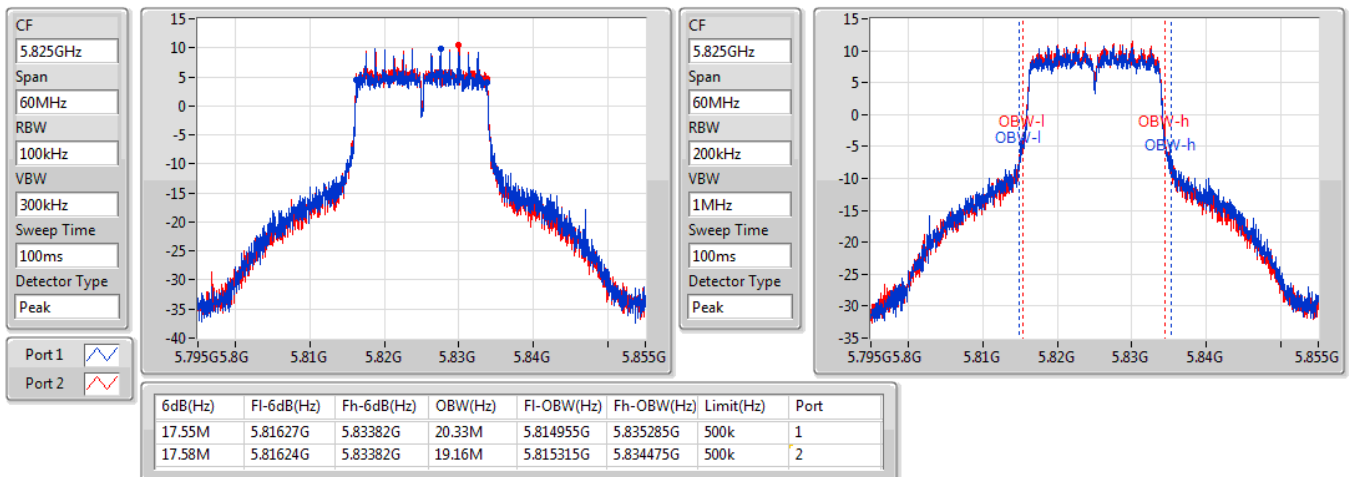


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5825MHz**

23/02/2020

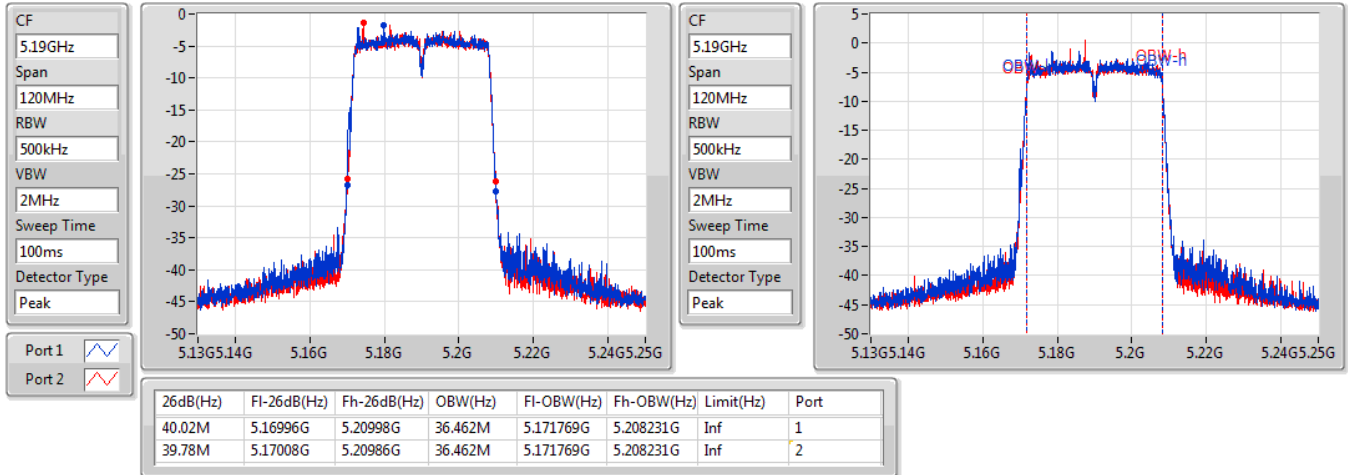


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5190MHz**

23/02/2020

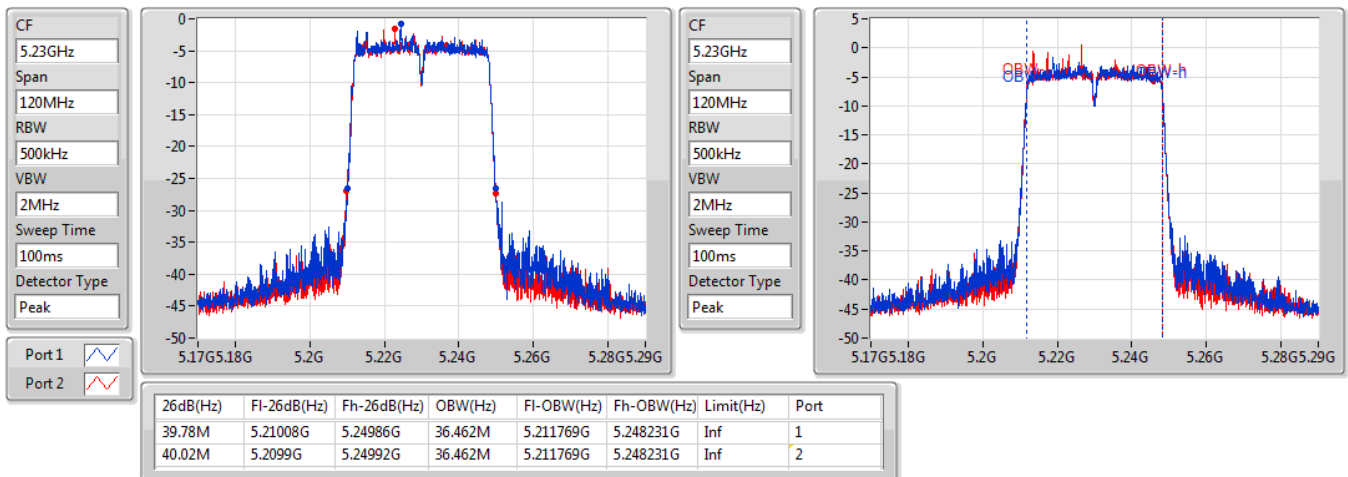


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5230MHz**

23/02/2020

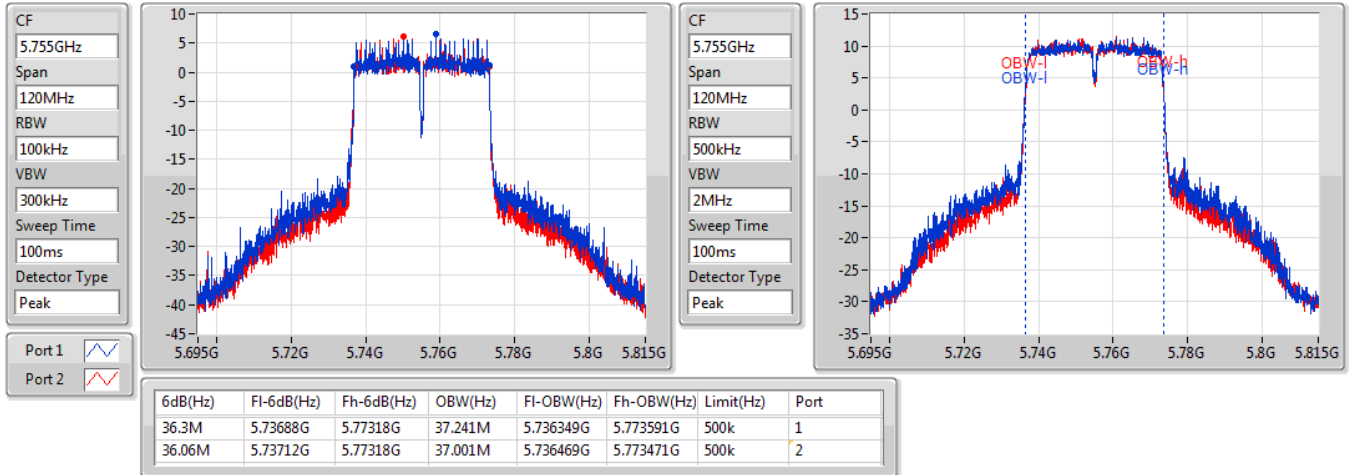


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5755MHz**

23/02/2020

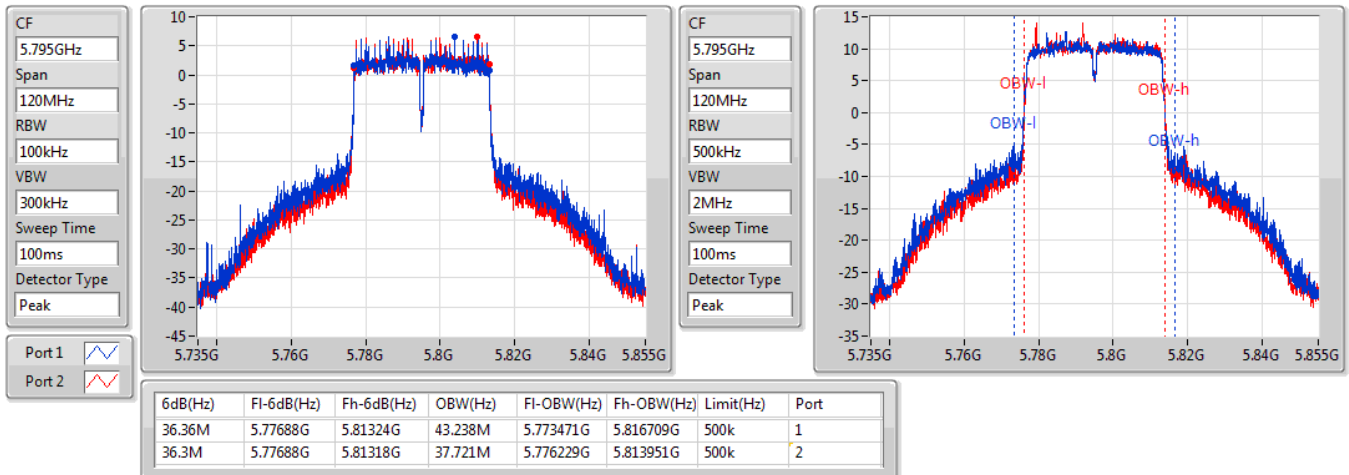


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5795MHz**

23/02/2020

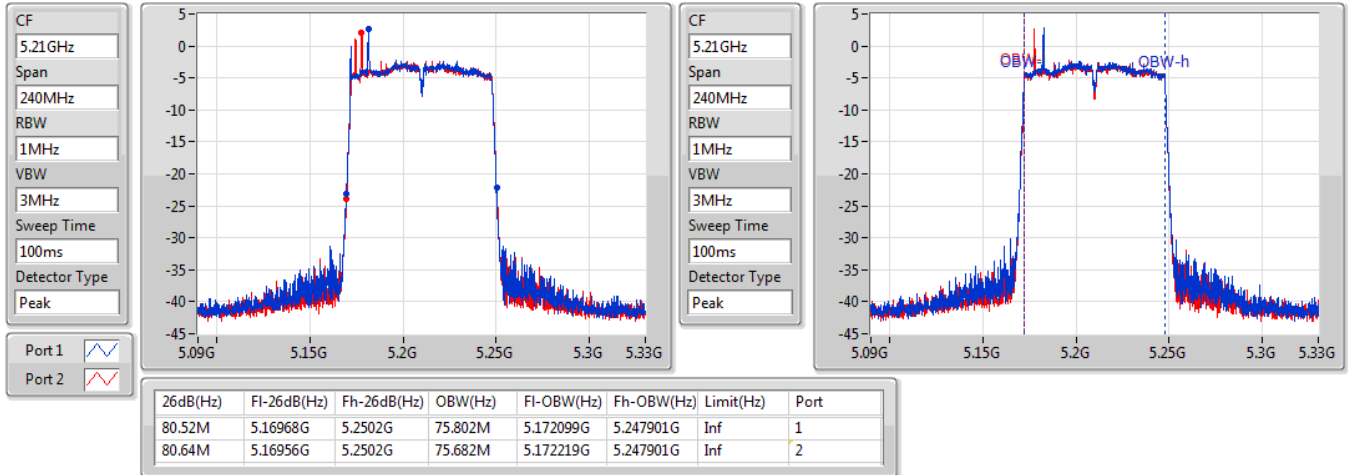


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5210MHz**

23/02/2020

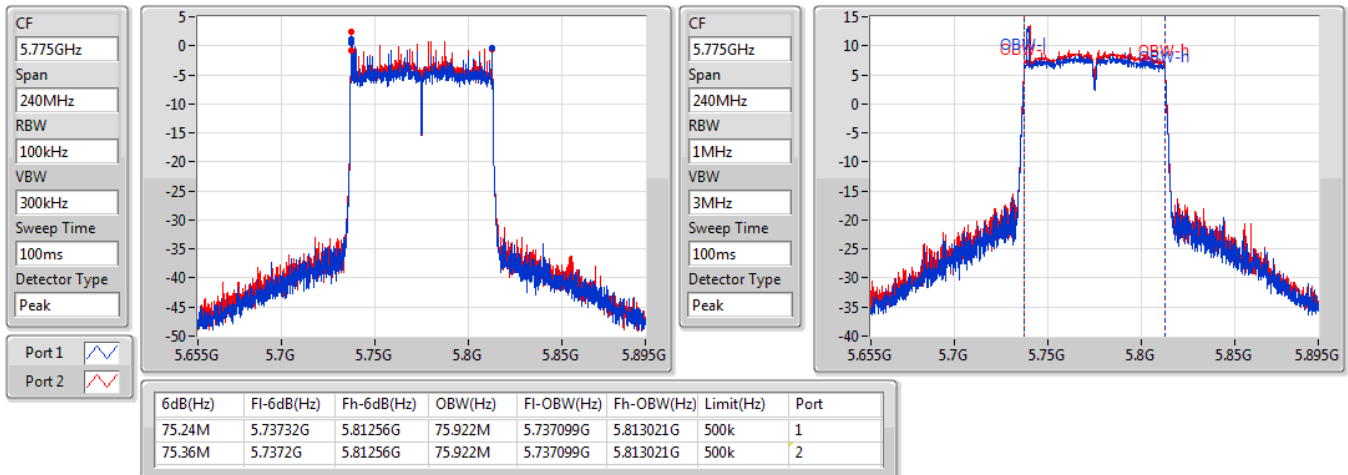


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5775MHz**

23/02/2020

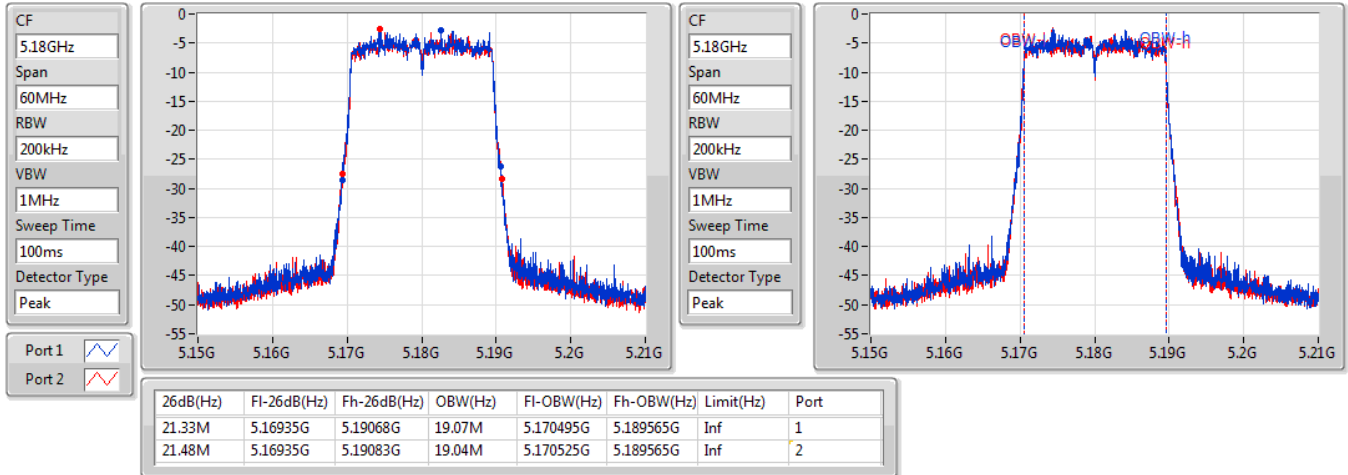


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5180MHz**

23/02/2020

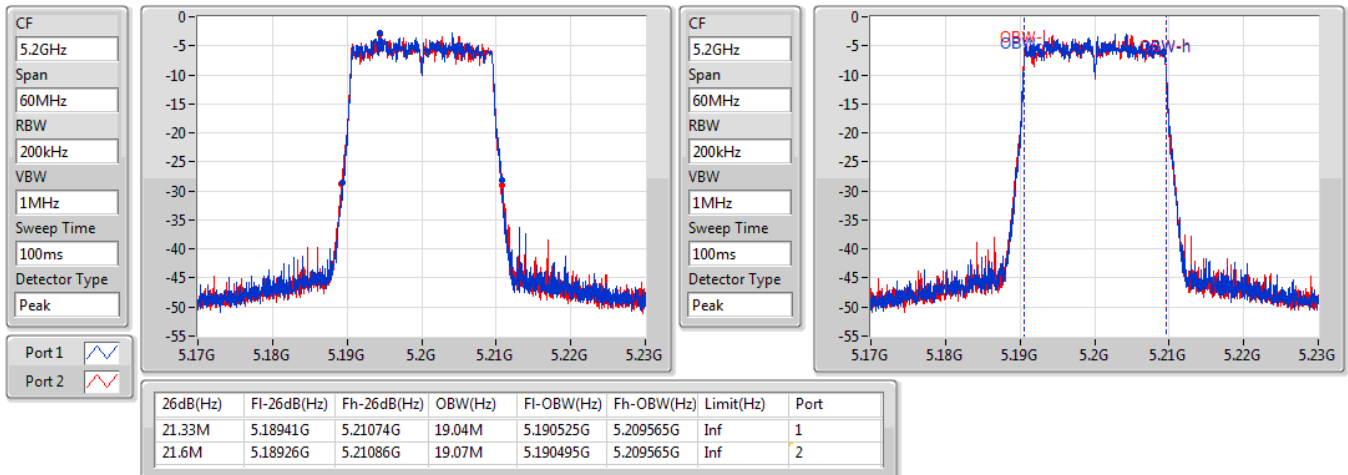


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5200MHz**

23/02/2020

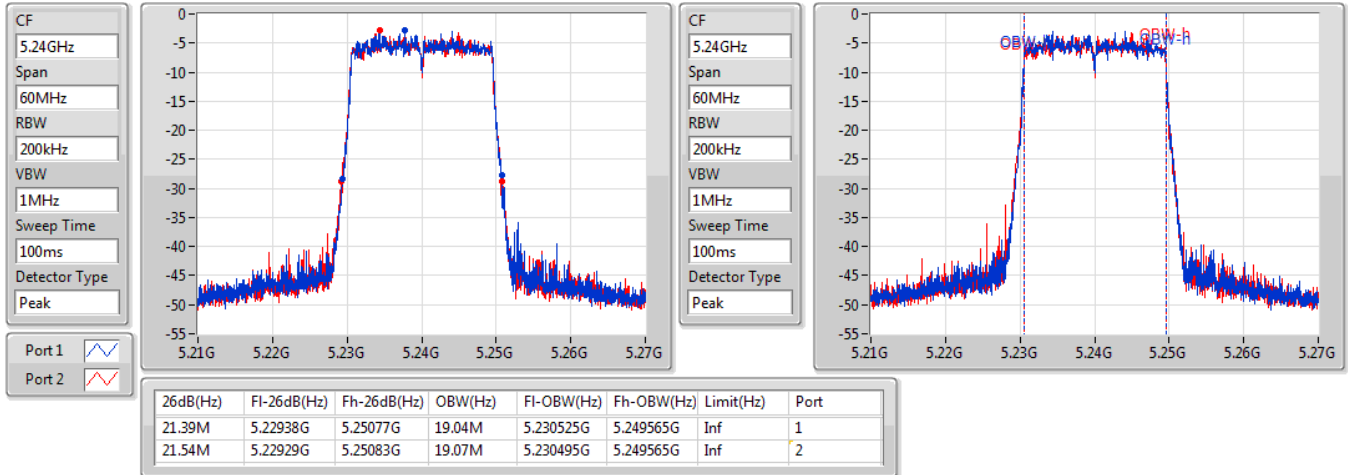


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5240MHz**

23/02/2020

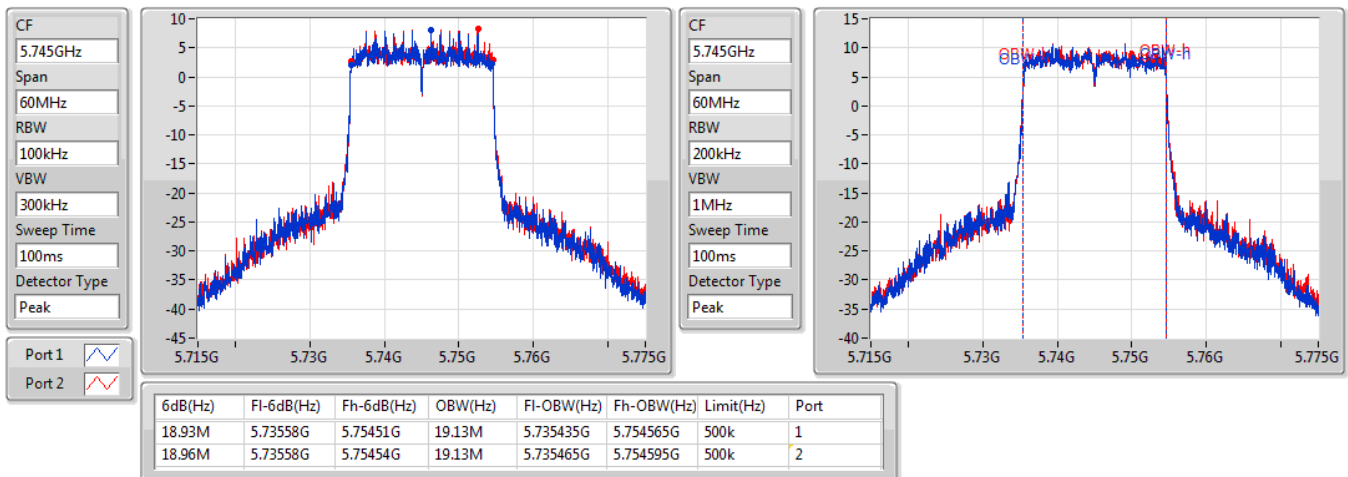


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5745MHz**

23/02/2020

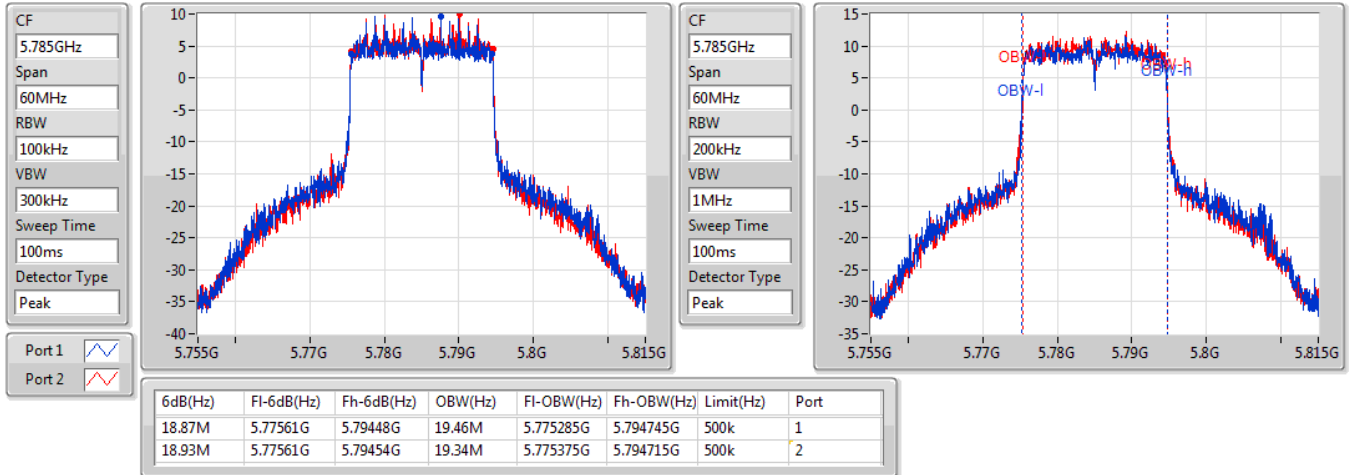


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5785MHz**

23/02/2020

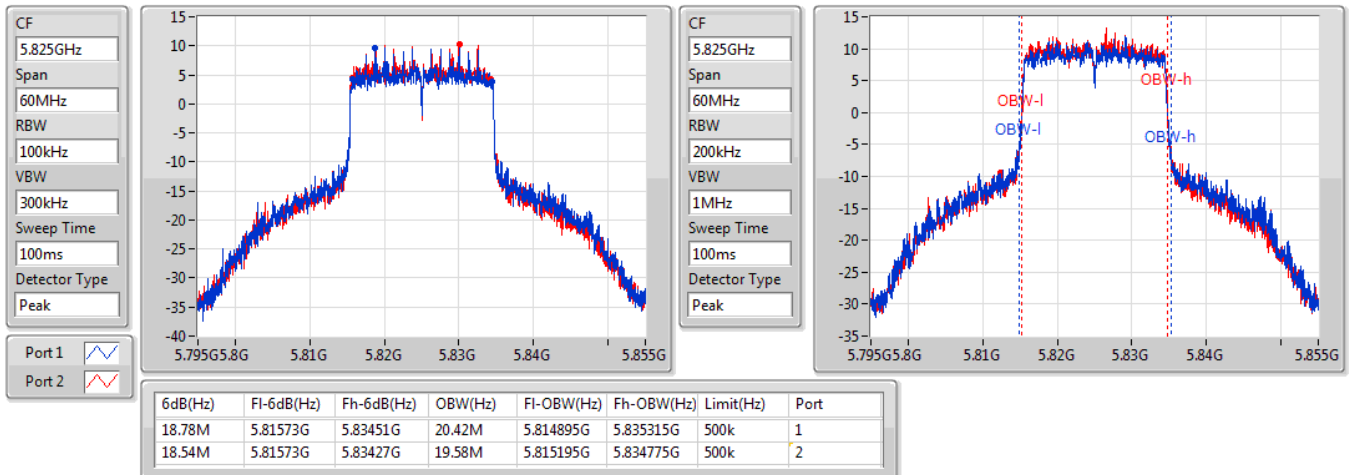


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5825MHz**

23/02/2020

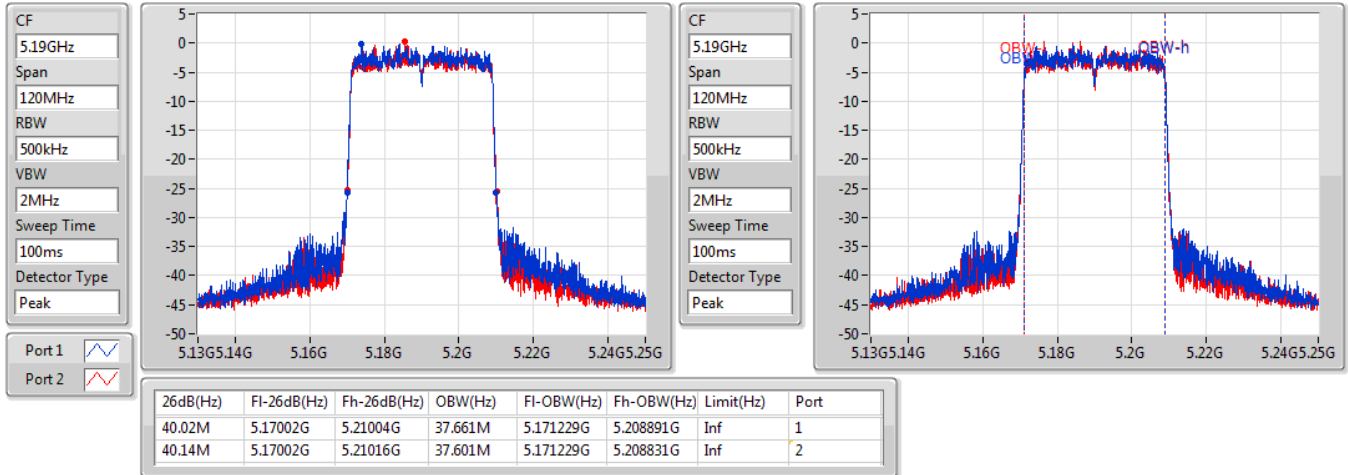


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5190MHz**

23/02/2020

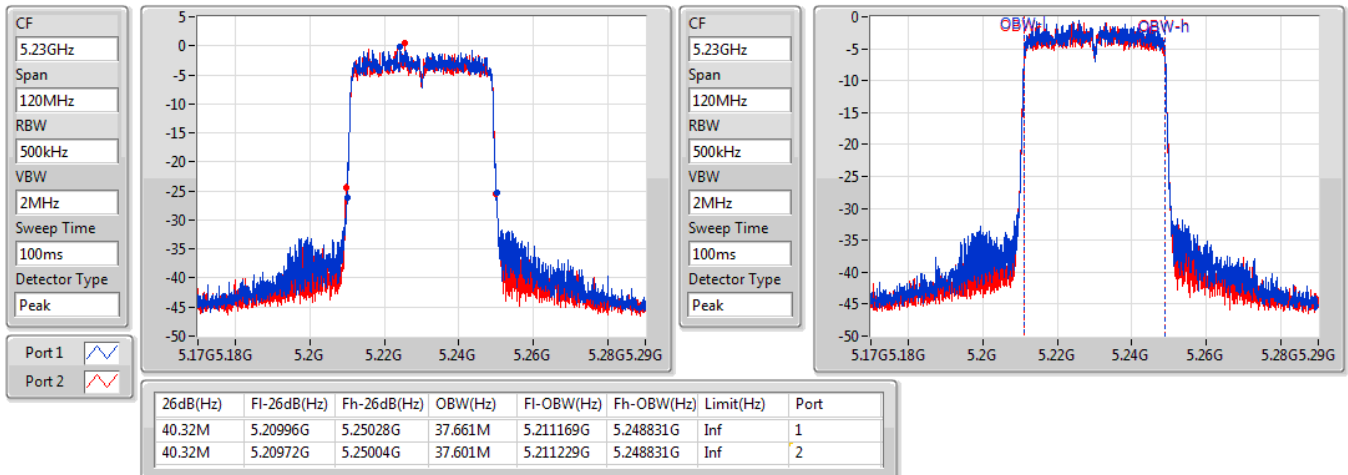


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5230MHz**

23/02/2020

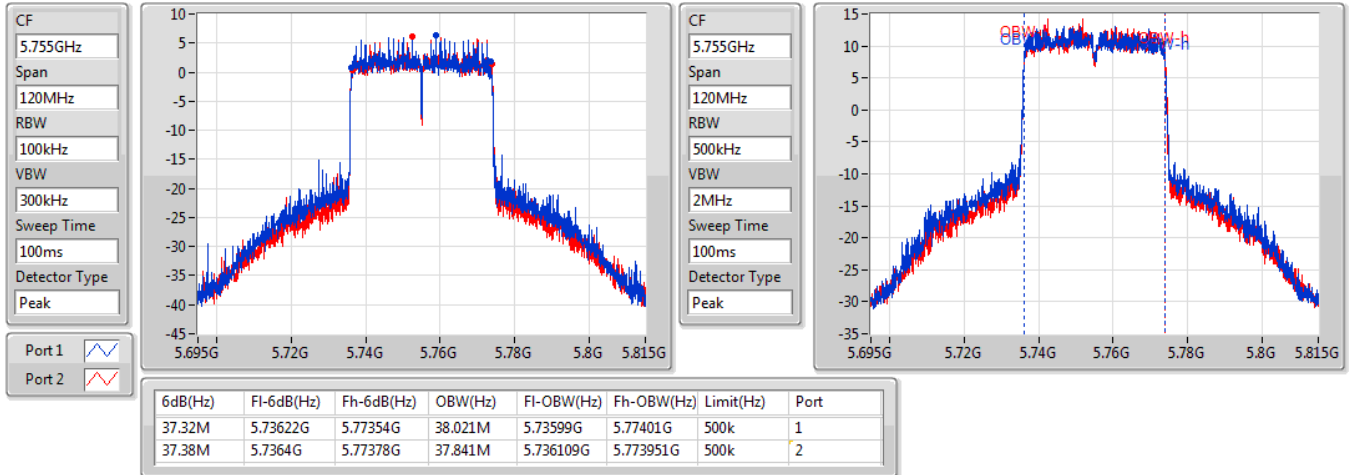


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5755MHz**

23/02/2020

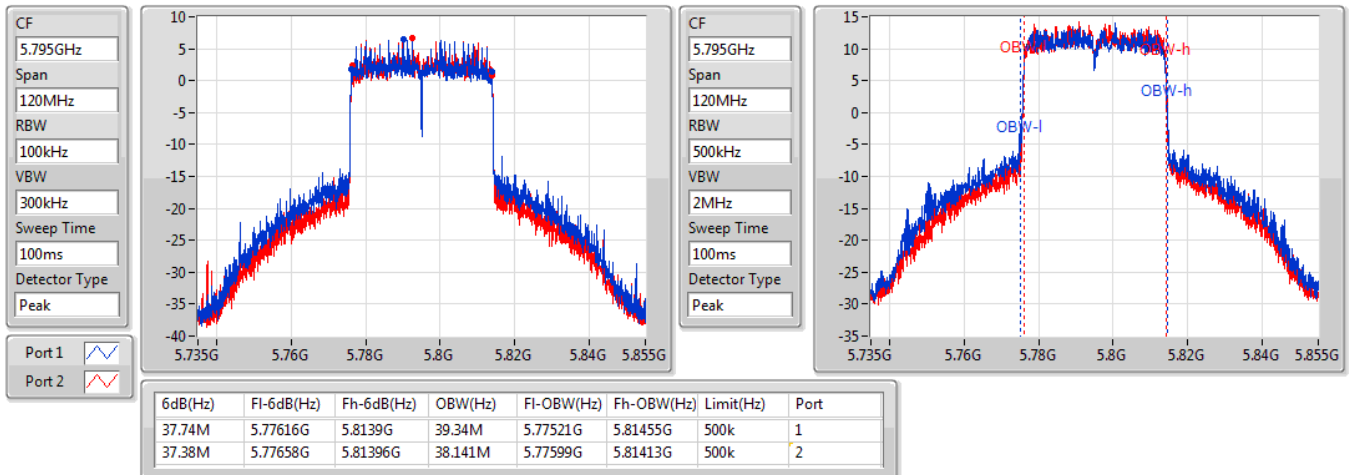


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5795MHz**

23/02/2020

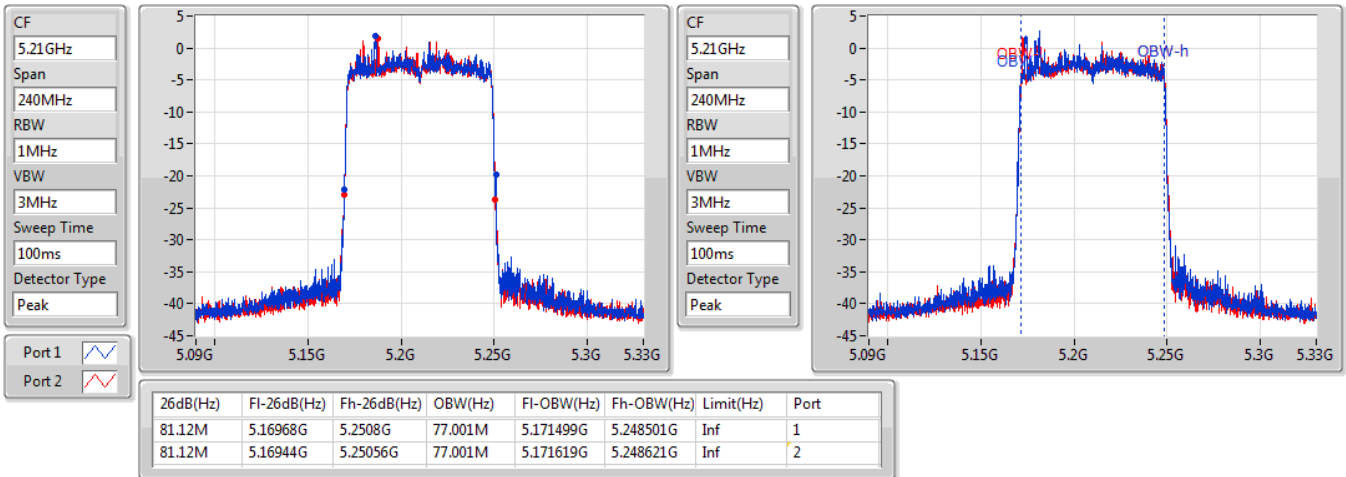


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5210MHz**

23/02/2020

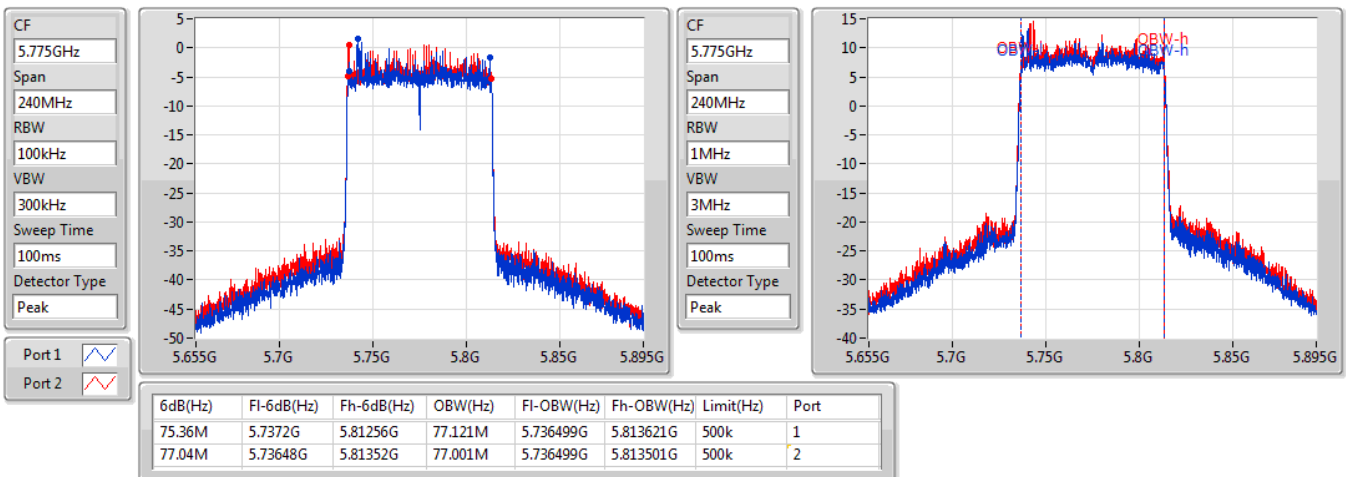


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5775MHz**

23/02/2020



**Summary**

| Mode                              | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|-----------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                      | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.81M           | 17.931M         | 17M9D1D  | 21.39M           | 17.871M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 47.94M           | 36.702M         | 36M7D1D  | 39.78M           | 36.522M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 80.88M           | 75.922M         | 75M9D1D  | 80.16M           | 75.922M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 23.52M           | 19.19M          | 19M2D1D  | 21.54M           | 19.07M          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 56.7M            | 37.781M         | 37M8D1D  | 40.26M           | 37.601M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 81.48M           | 77.361M         | 77M4D1D  | 81.24M           | 77.241M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 17.61M           | 17.931M         | 17M9D1D  | 17.58M           | 17.871M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 36.3M            | 36.822M         | 36M8D1D  | 35.1M            | 36.582M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 76.08M           | 76.162M         | 76M2D1D  | 75M              | 75.922M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 16.35M           | 17.241M         | 17M2D1D  | 16.32M           | 16.762M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 37.56M           | 37.721M         | 37M7D1D  | 37.32M           | 37.601M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 77.04M           | 77.121M         | 77M1D1D  | 53.64M           | 77.001M         |

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Max-OBW** = Maximum 99% occupied bandwidth;

**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

**Min-OBW** = Minimum 99% occupied bandwidth;

**Result**

| Mode                              | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|-----------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                           | Pass   | Inf           | 21.57M              | 17.901M            | 21.75M              | 17.901M            |
| 5200MHz                           | Pass   | Inf           | 21.48M              | 17.901M            | 21.75M              | 17.901M            |
| 5240MHz                           | Pass   | Inf           | 21.39M              | 17.871M            | 21.81M              | 17.931M            |
| 5745MHz                           | Pass   | 500k          | 17.61M              | 17.901M            | 17.61M              | 17.901M            |
| 5785MHz                           | Pass   | 500k          | 17.58M              | 17.931M            | 17.58M              | 17.901M            |
| 5825MHz                           | Pass   | 500k          | 17.61M              | 17.931M            | 17.58M              | 17.871M            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                           | Pass   | Inf           | 39.78M              | 36.522M            | 47.94M              | 36.642M            |
| 5230MHz                           | Pass   | Inf           | 45.12M              | 36.642M            | 46.5M               | 36.702M            |
| 5755MHz                           | Pass   | 500k          | 36.3M               | 36.702M            | 35.64M              | 36.582M            |
| 5795MHz                           | Pass   | 500k          | 35.7M               | 36.822M            | 35.1M               | 36.582M            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                           | Pass   | Inf           | 80.16M              | 75.922M            | 80.88M              | 75.922M            |
| 5775MHz                           | Pass   | 500k          | 75M                 | 76.162M            | 76.08M              | 75.922M            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                           | Pass   | Inf           | 21.72M              | 19.1M              | 23.31M              | 19.19M             |
| 5200MHz                           | Pass   | Inf           | 21.57M              | 19.13M             | 23.34M              | 19.13M             |
| 5240MHz                           | Pass   | Inf           | 21.54M              | 19.07M             | 23.52M              | 19.16M             |
| 5745MHz                           | Pass   | 500k          | 16.32M              | 17.241M            | 16.35M              | 16.762M            |
| 5785MHz                           | Pass   | 500k          | 16.35M              | 16.912M            | 16.35M              | 16.822M            |
| 5825MHz                           | Pass   | 500k          | 16.32M              | 16.882M            | 16.35M              | 16.762M            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                           | Pass   | Inf           | 42.3M               | 37.601M            | 56.7M               | 37.721M            |
| 5230MHz                           | Pass   | Inf           | 40.26M              | 37.661M            | 51.12M              | 37.781M            |
| 5755MHz                           | Pass   | 500k          | 37.38M              | 37.661M            | 37.5M               | 37.601M            |
| 5795MHz                           | Pass   | 500k          | 37.56M              | 37.721M            | 37.32M              | 37.601M            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                           | Pass   | Inf           | 81.24M              | 77.361M            | 81.48M              | 77.241M            |
| 5775MHz                           | Pass   | 500k          | 53.64M              | 77.121M            | 77.04M              | 77.001M            |

**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

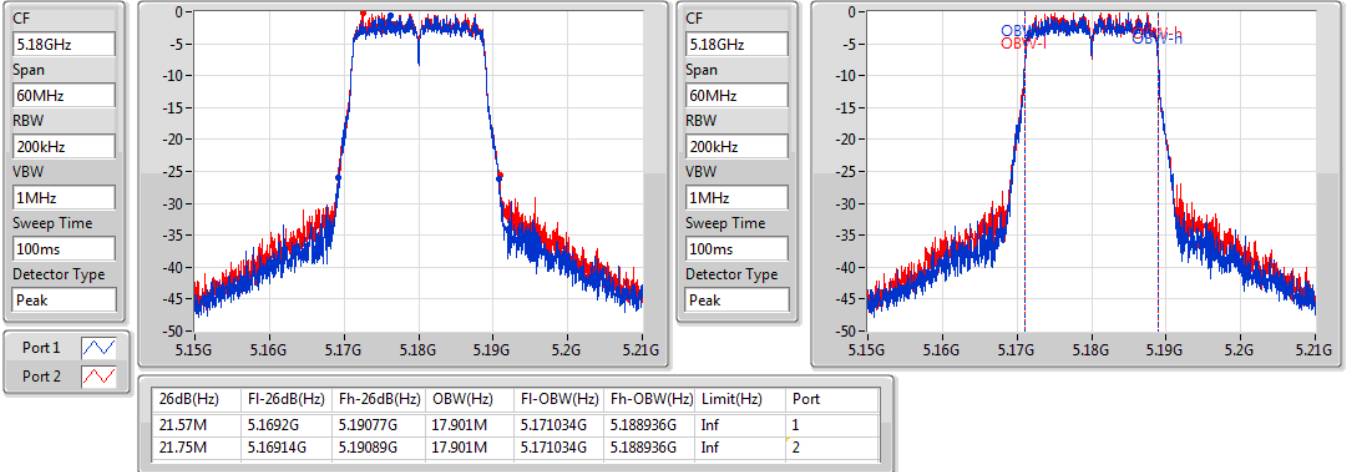
**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5180MHz**

05/03/2020

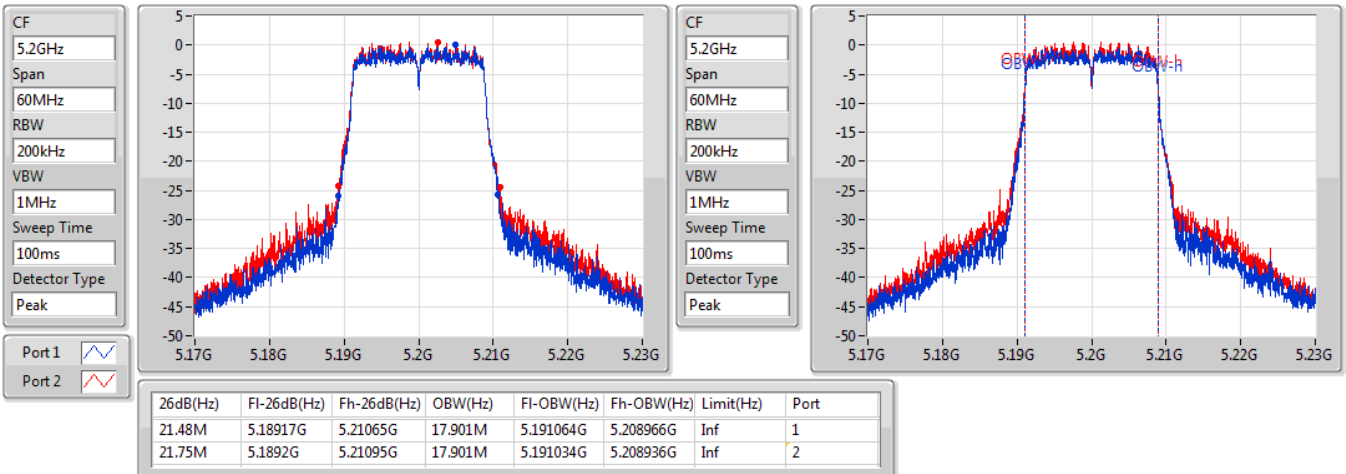


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5200MHz**

05/03/2020

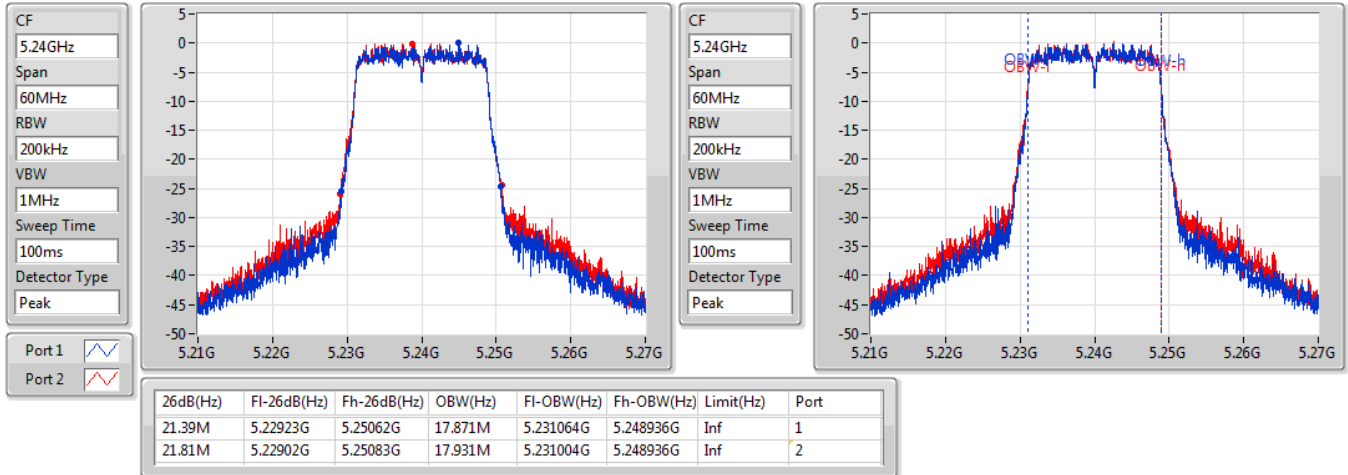


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5240MHz**

05/03/2020

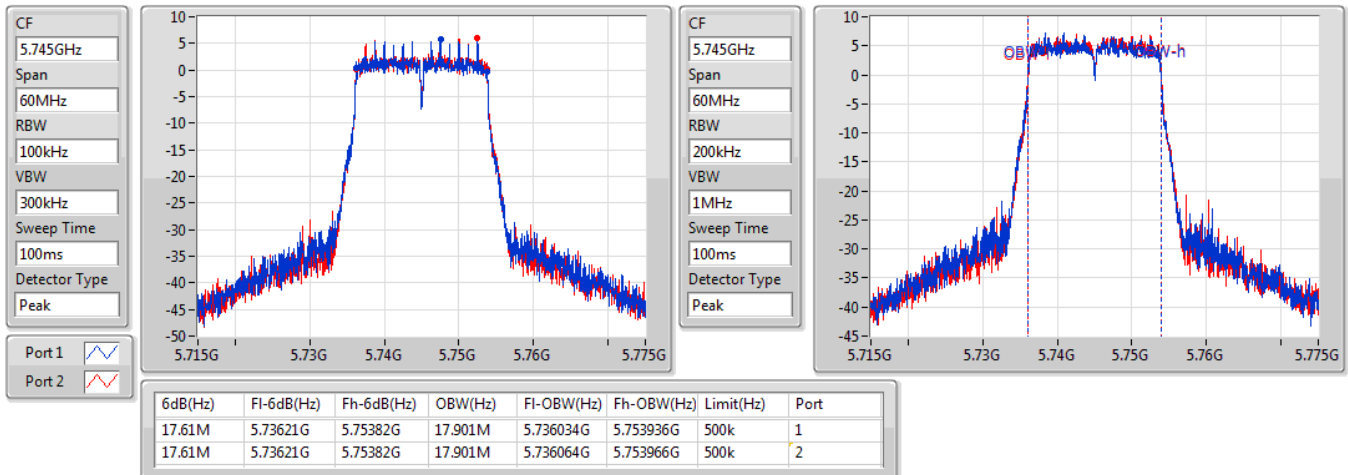


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5745MHz**

24/02/2020

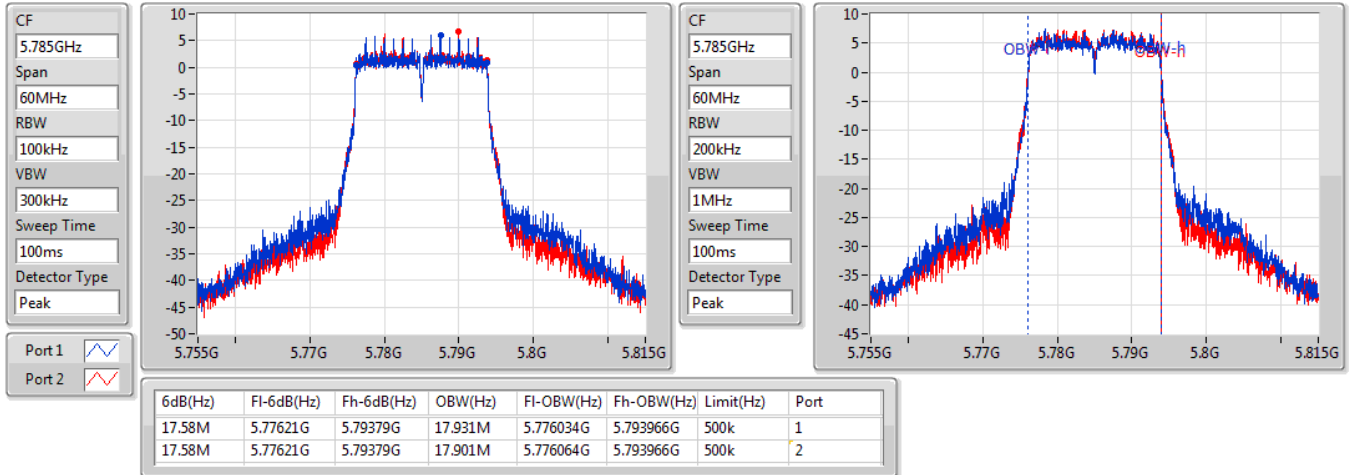


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5785MHz**

24/02/2020

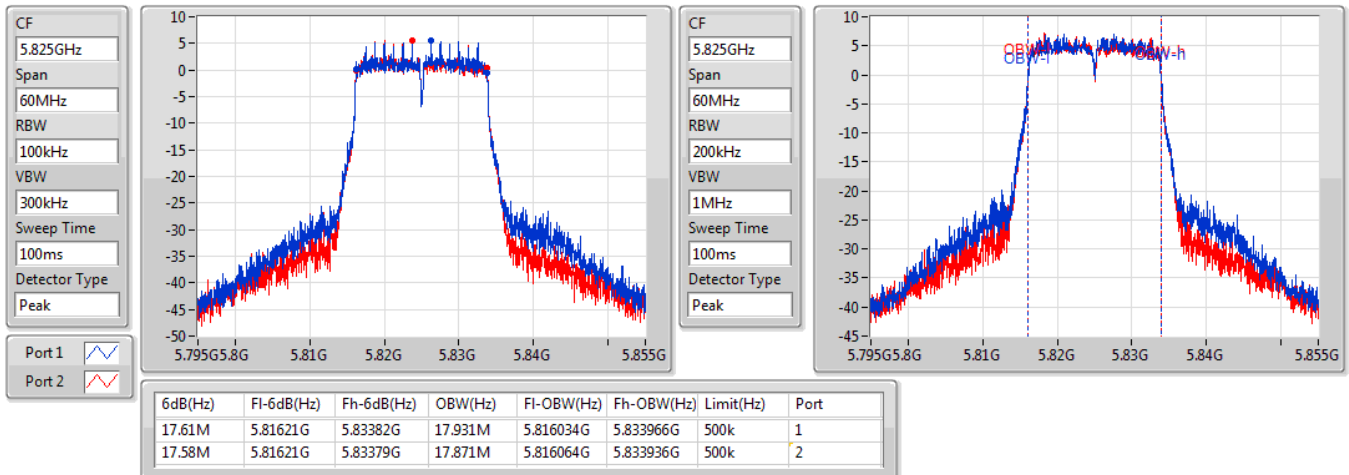


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5825MHz**

24/02/2020

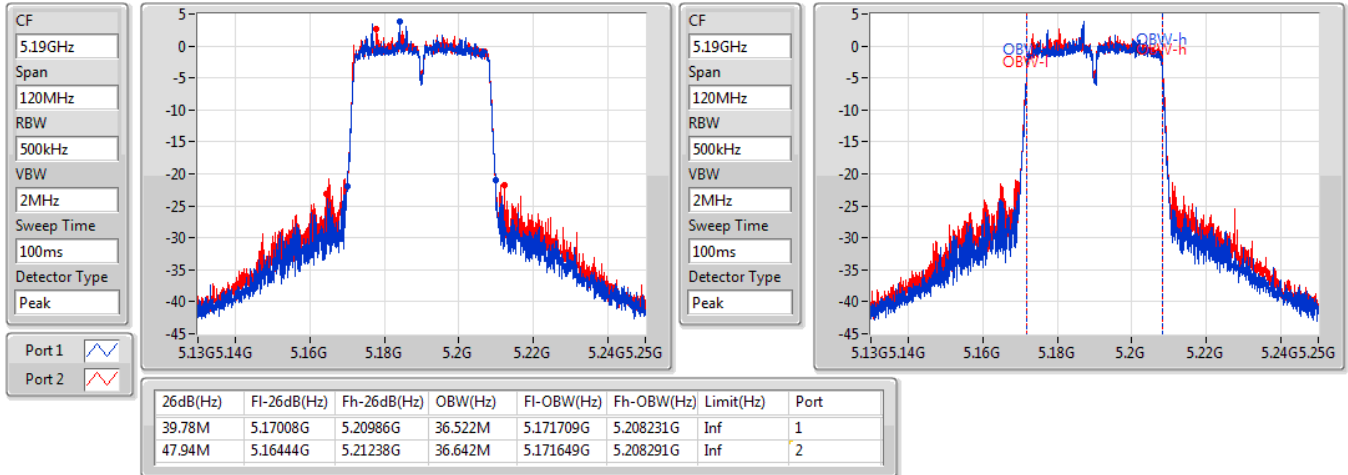


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5190MHz**

05/03/2020

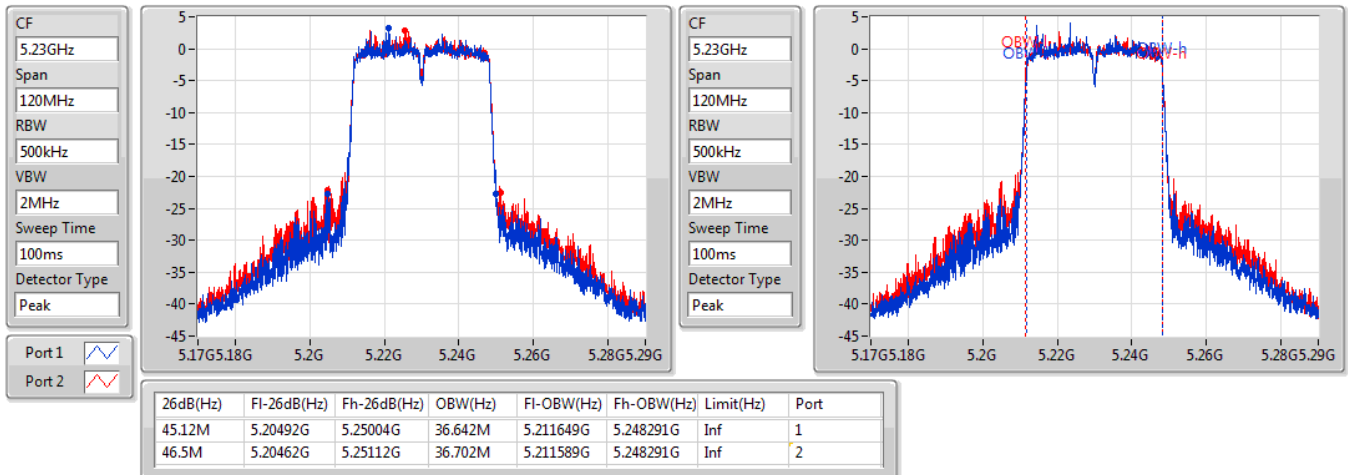


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5230MHz**

05/03/2020

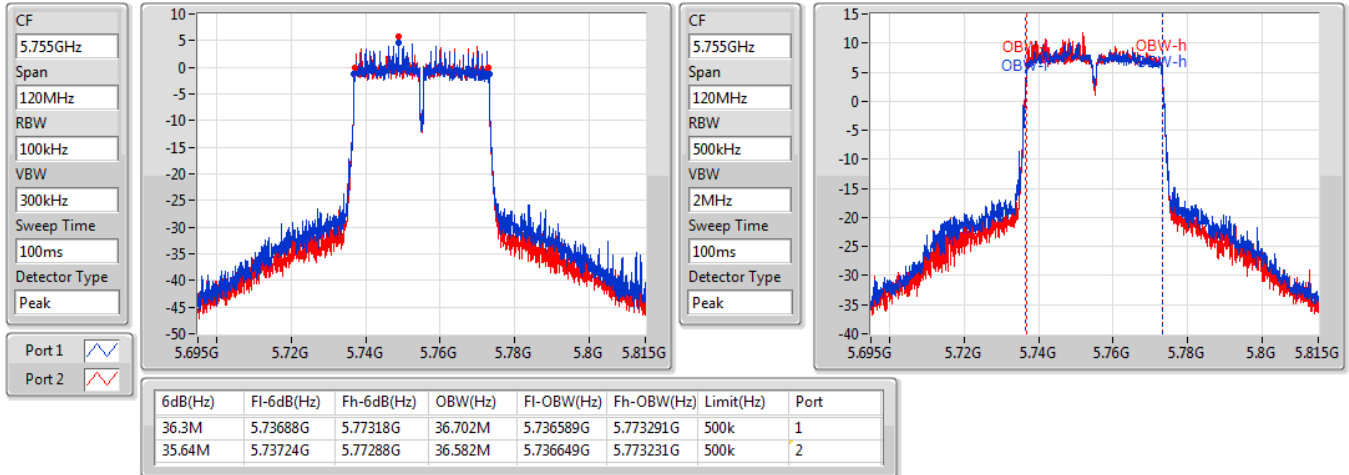


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5755MHz**

24/02/2020

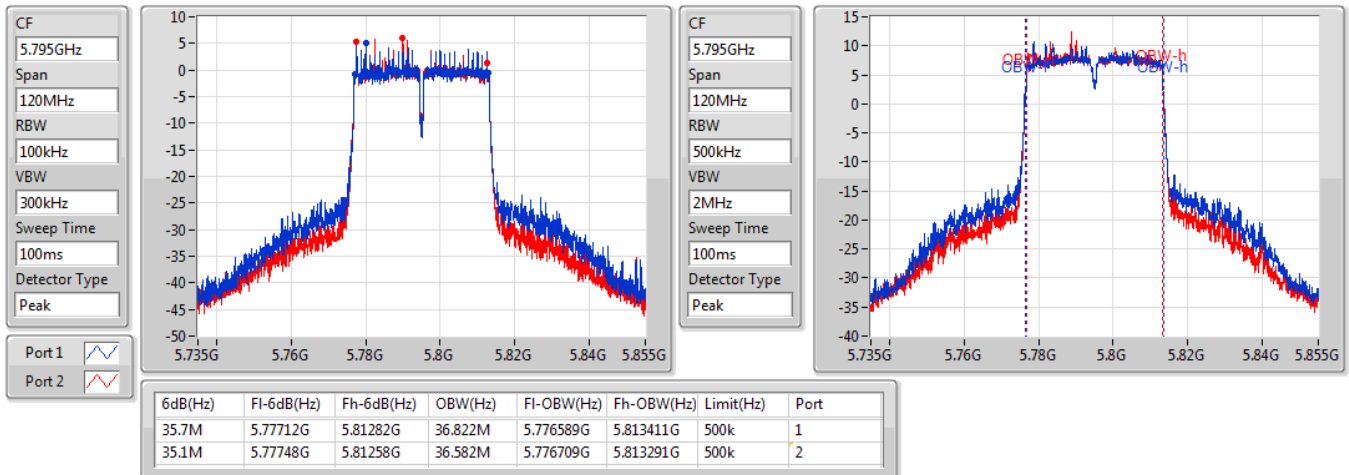


**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5795MHz**

24/02/2020

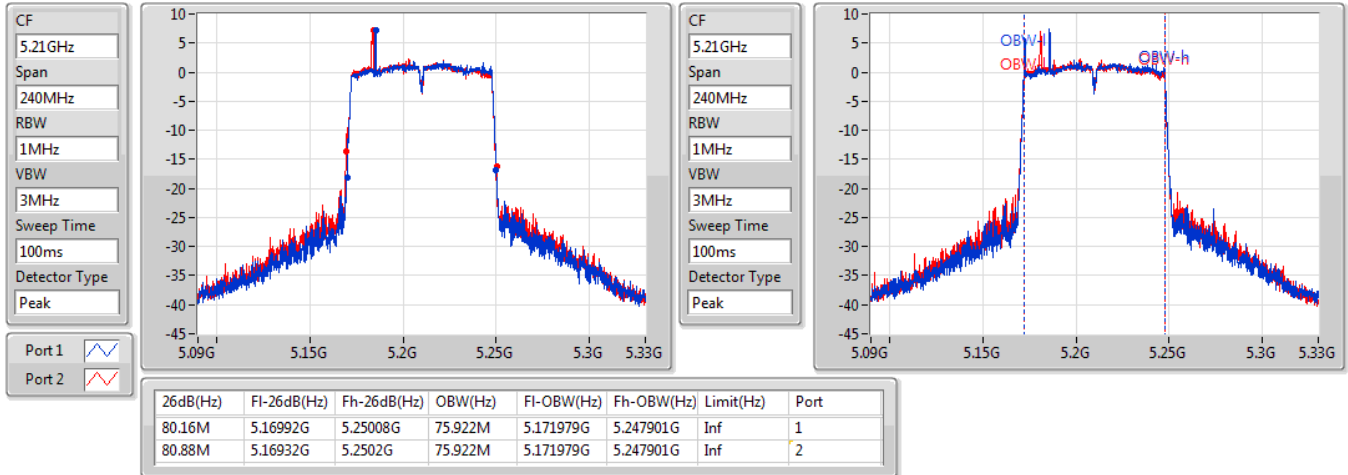


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5210MHz**

05/03/2020

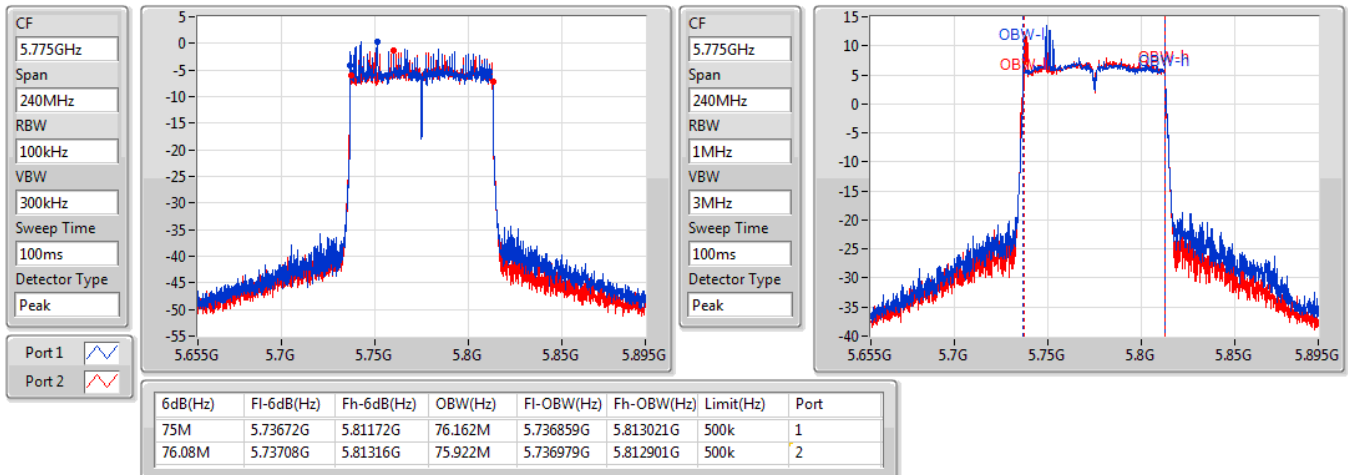


**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5775MHz**

25/02/2020

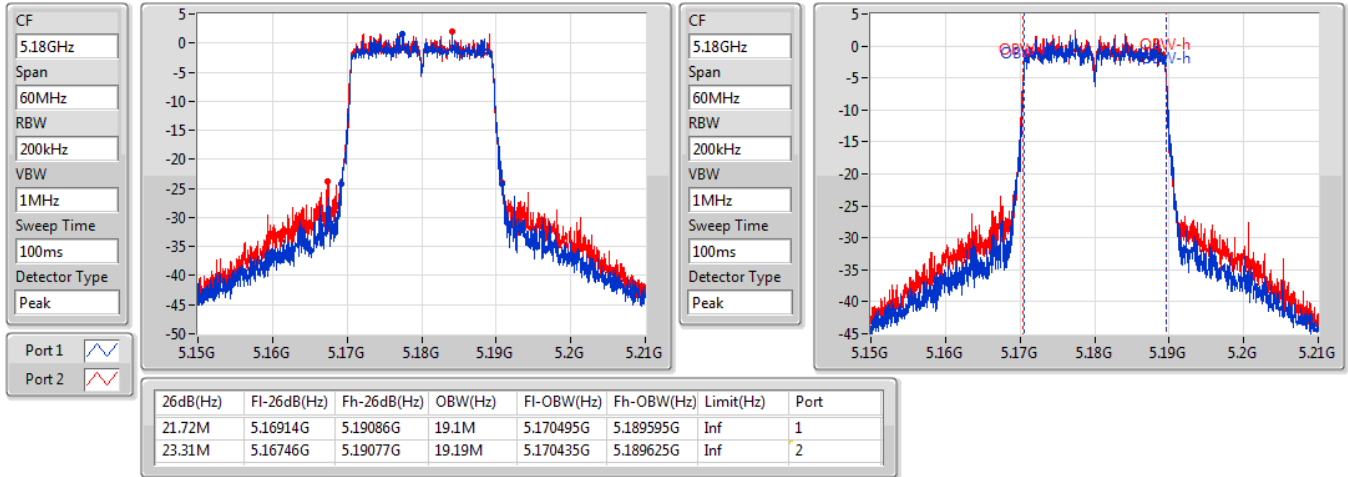


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5180MHz**

05/03/2020

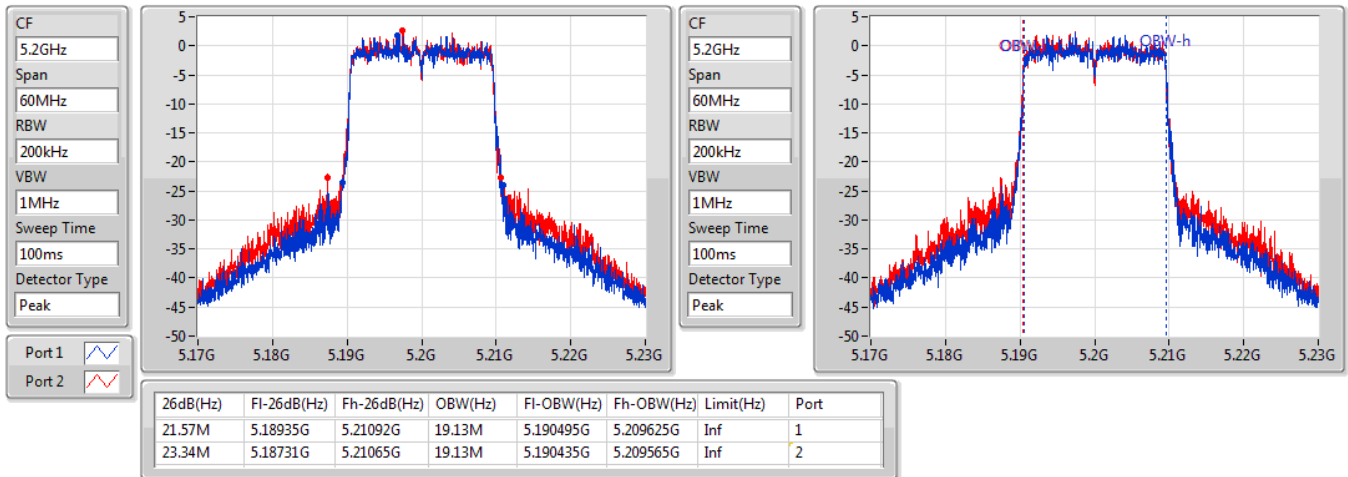


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5200MHz**

05/03/2020

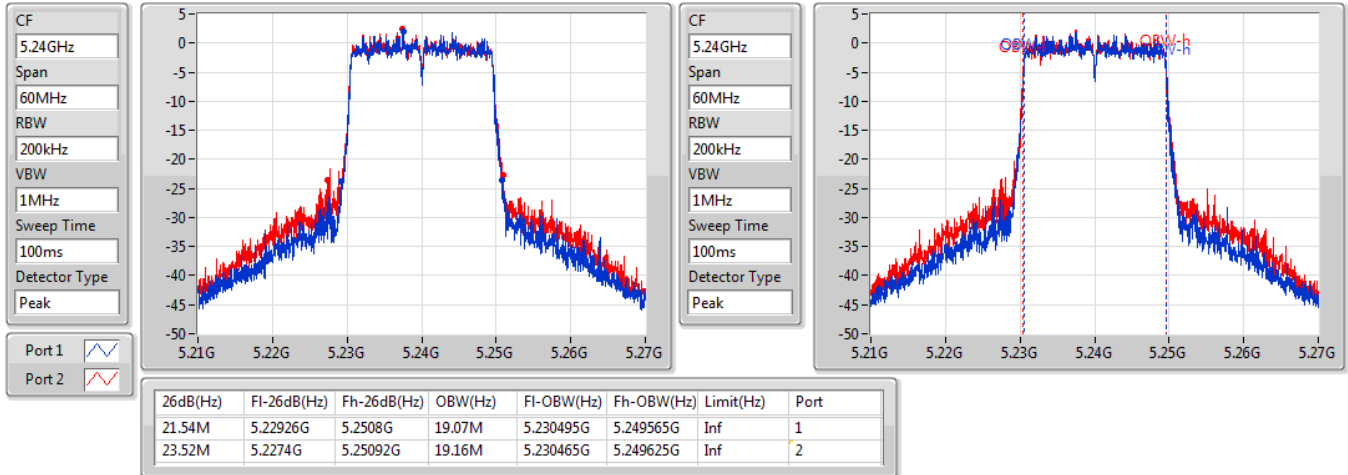


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5240MHz**

05/03/2020

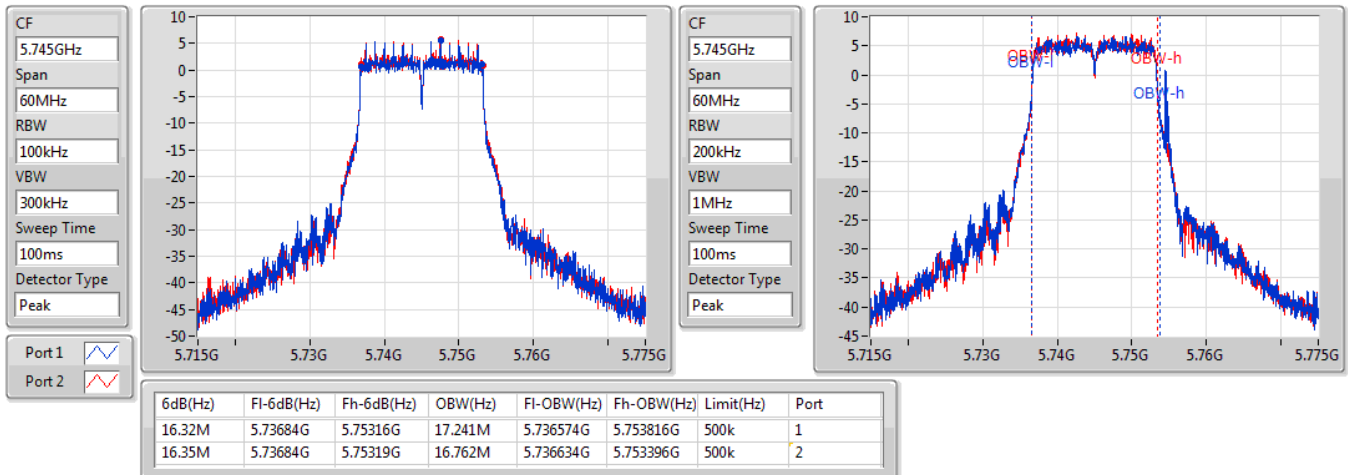


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5745MHz**

24/02/2020

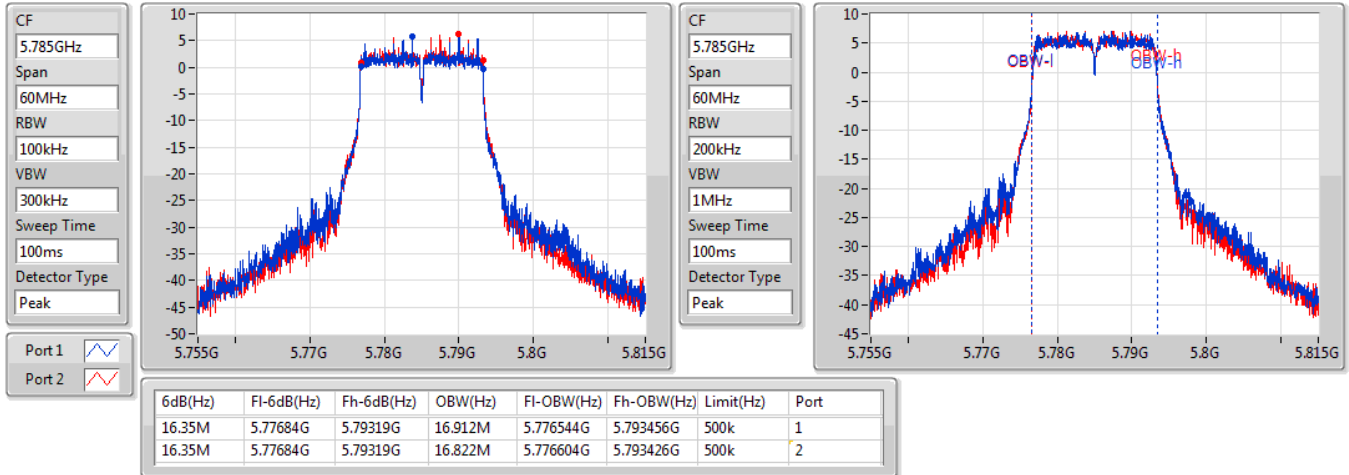


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5785MHz**

24/02/2020

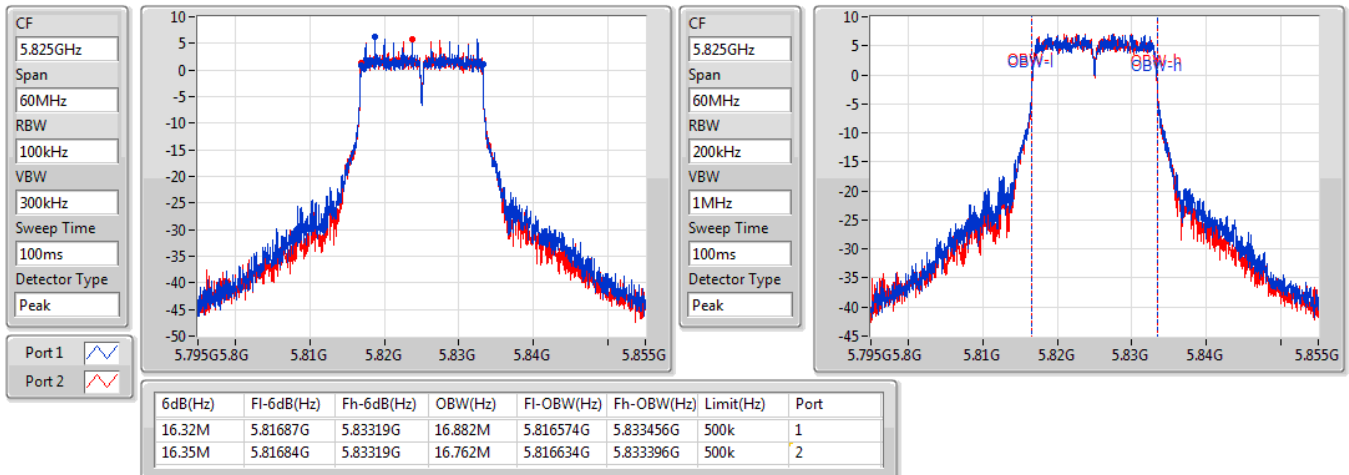


**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5825MHz**

24/02/2020

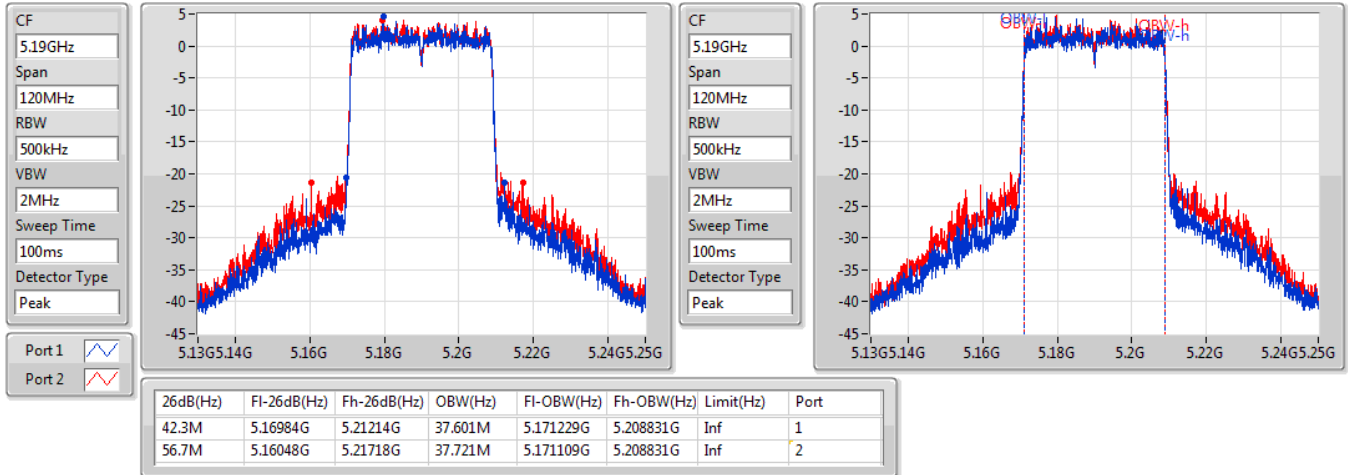


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5190MHz**

05/03/2020

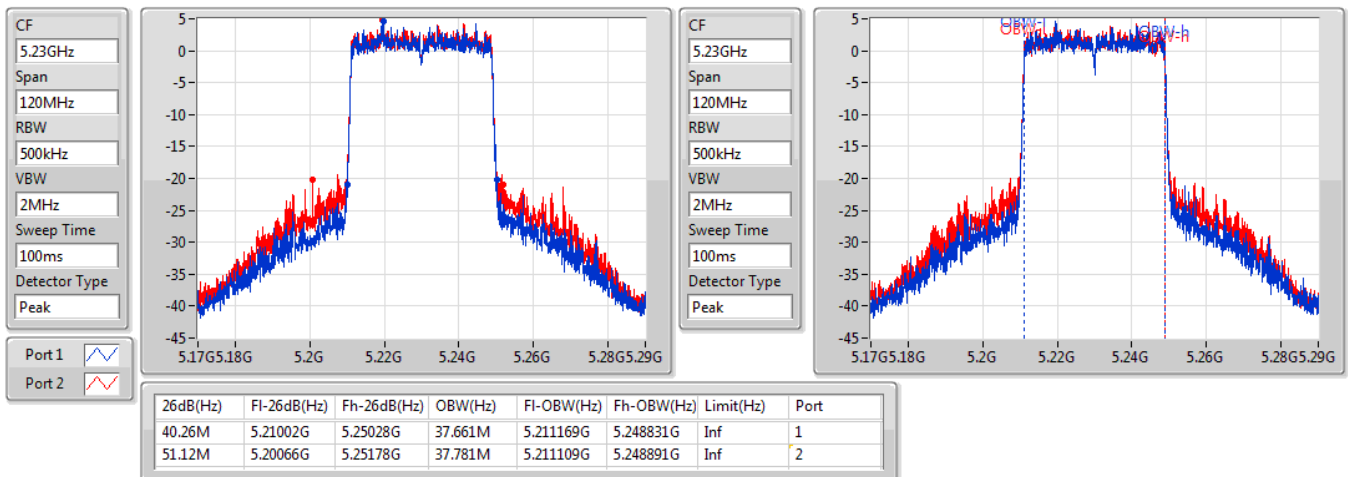


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5230MHz**

05/03/2020

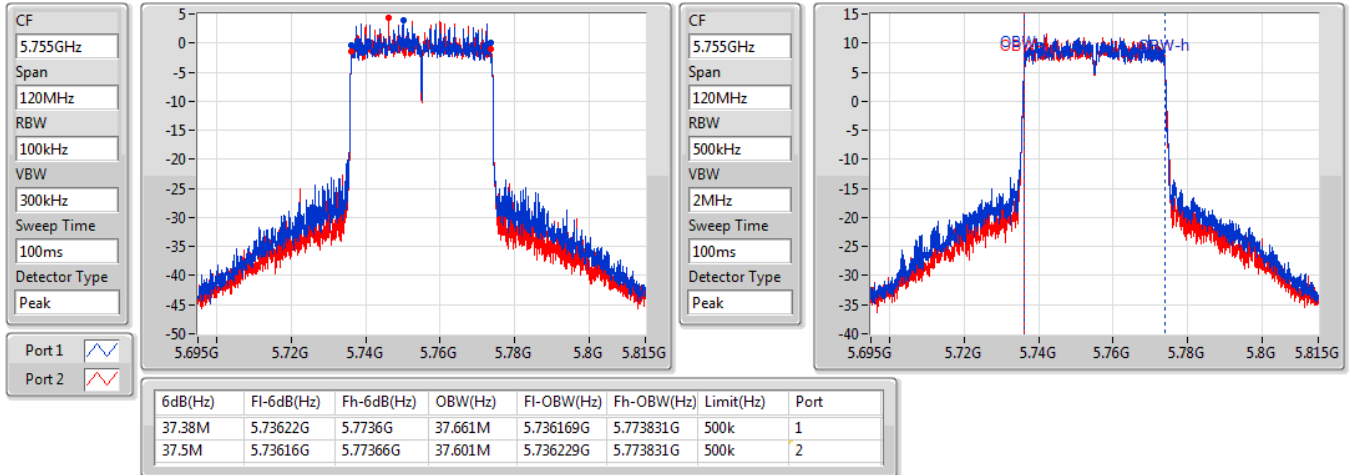


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5755MHz**

24/02/2020

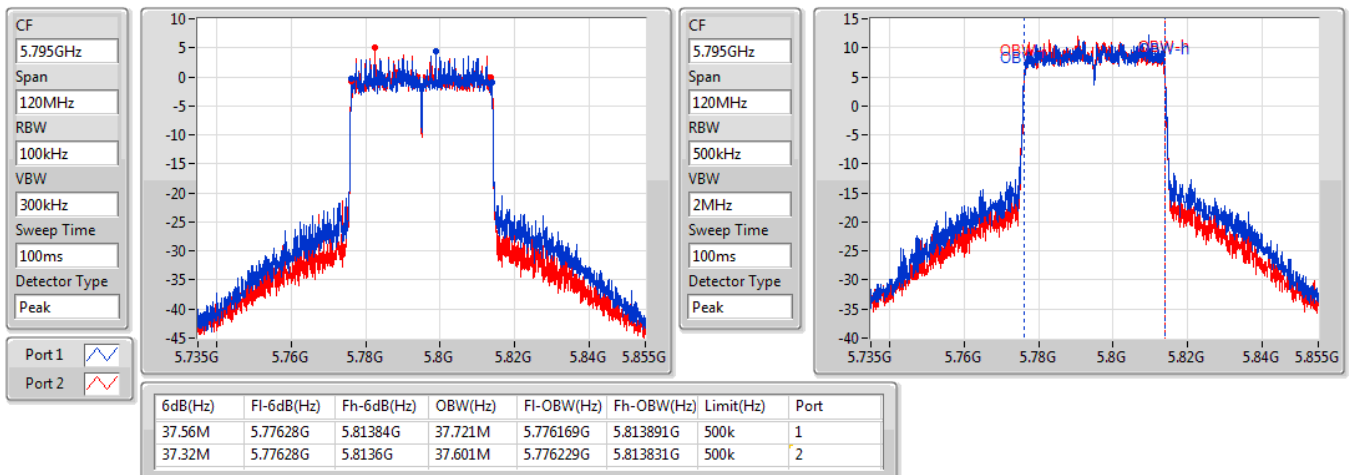


**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5795MHz**

24/02/2020

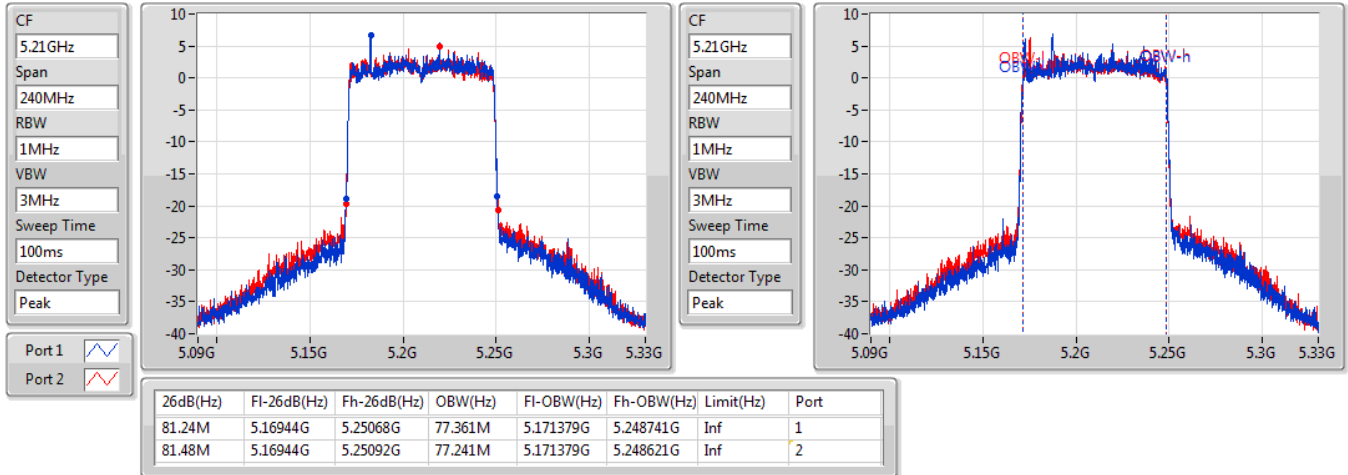


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5210MHz**

05/03/2020

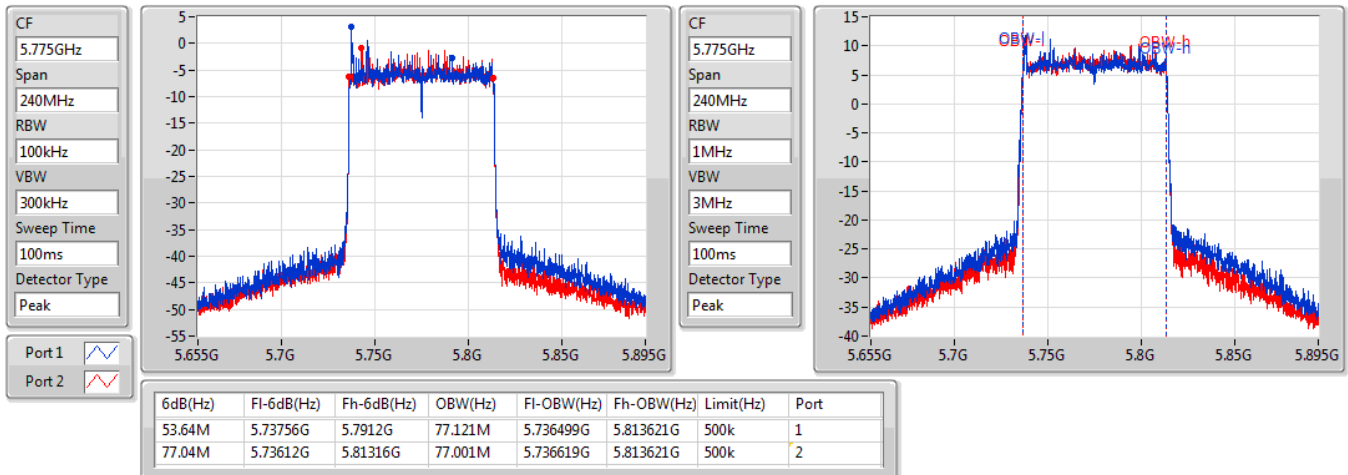


**802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX**

**EBW**

**5775MHz**

24/02/2020





**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 1 1T1S**

**Appendix C.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 15.93                | 0.03917            | 20.73         | 0.11830     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 15.95                | 0.03936            | 20.75         | 0.11885     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 15.74                | 0.03750            | 20.54         | 0.11324     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 15.39                | 0.03459            | 20.19         | 0.10447     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 16.07                | 0.04046            | 20.87         | 0.12218     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 15.95                | 0.03936            | 20.75         | 0.11885     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 15.73                | 0.03741            | 20.53         | 0.11298     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.44                | 0.22080            | 28.24         | 0.66681     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.39                | 0.21827            | 28.19         | 0.65917     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 23.89                | 0.24491            | 28.69         | 0.73961     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 21.86                | 0.15346            | 26.66         | 0.46345     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.54                | 0.22594            | 28.34         | 0.68234     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 23.86                | 0.24322            | 28.66         | 0.73451     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 22.12                | 0.16293            | 26.92         | 0.49204     |



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 1 1T1S**

**Appendix C.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom               | Pass   | 4.80        | 15.93           | 15.93                | 30.00                | 20.73         | 36.00               |
| 5200MHz_TnomVnom               | Pass   | 4.80        | 15.79           | 15.79                | 30.00                | 20.59         | 36.00               |
| 5240MHz_TnomVnom               | Pass   | 4.80        | 15.86           | 15.86                | 30.00                | 20.66         | 36.00               |
| 5745MHz_TnomVnom               | Pass   | 4.80        | 23.44           | 23.44                | 30.00                | 28.24         | 36.00               |
| 5785MHz_TnomVnom               | Pass   | 4.80        | 18.61           | 18.61                | 30.00                | 23.41         | 36.00               |
| 5825MHz_TnomVnom               | Pass   | 4.80        | 18.81           | 18.81                | 30.00                | 23.61         | 36.00               |
| 802.11ac_VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom               | Pass   | 4.80        | 15.81           | 15.81                | 30.00                | 20.61         | 36.00               |
| 5200MHz_TnomVnom               | Pass   | 4.80        | 15.82           | 15.82                | 30.00                | 20.62         | 36.00               |
| 5240MHz_TnomVnom               | Pass   | 4.80        | 15.95           | 15.95                | 30.00                | 20.75         | 36.00               |
| 5745MHz_TnomVnom               | Pass   | 4.80        | 23.39           | 23.39                | 30.00                | 28.19         | 36.00               |
| 5785MHz_TnomVnom               | Pass   | 4.80        | 18.51           | 18.51                | 30.00                | 23.31         | 36.00               |
| 5825MHz_TnomVnom               | Pass   | 4.80        | 18.16           | 18.16                | 30.00                | 22.96         | 36.00               |
| 802.11ac_VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz_TnomVnom               | Pass   | 4.80        | 15.74           | 15.74                | 30.00                | 20.54         | 36.00               |
| 5230MHz_TnomVnom               | Pass   | 4.80        | 15.68           | 15.68                | 30.00                | 20.48         | 36.00               |
| 5755MHz_TnomVnom               | Pass   | 4.80        | 23.62           | 23.62                | 30.00                | 28.42         | 36.00               |
| 5795MHz_TnomVnom               | Pass   | 4.80        | 23.89           | 23.89                | 30.00                | 28.69         | 36.00               |
| 802.11ac_VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz_TnomVnom               | Pass   | 4.80        | 15.39           | 15.39                | 30.00                | 20.19         | 36.00               |
| 5775MHz_TnomVnom               | Pass   | 4.80        | 21.86           | 21.86                | 30.00                | 26.66         | 36.00               |
| 802.11ax_HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom               | Pass   | 4.80        | 16.00           | 16.00                | 30.00                | 20.80         | 36.00               |
| 5200MHz_TnomVnom               | Pass   | 4.80        | 15.92           | 15.92                | 30.00                | 20.72         | 36.00               |
| 5240MHz_TnomVnom               | Pass   | 4.80        | 16.07           | 16.07                | 30.00                | 20.87         | 36.00               |
| 5745MHz_TnomVnom               | Pass   | 4.80        | 23.54           | 23.54                | 30.00                | 28.34         | 36.00               |
| 5785MHz_TnomVnom               | Pass   | 4.80        | 18.64           | 18.64                | 30.00                | 23.44         | 36.00               |
| 5825MHz_TnomVnom               | Pass   | 4.80        | 18.29           | 18.29                | 30.00                | 23.09         | 36.00               |
| 802.11ax_HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz_TnomVnom               | Pass   | 4.80        | 15.95           | 15.95                | 30.00                | 20.75         | 36.00               |
| 5230MHz_TnomVnom               | Pass   | 4.80        | 15.85           | 15.85                | 30.00                | 20.65         | 36.00               |
| 5755MHz_TnomVnom               | Pass   | 4.80        | 23.86           | 23.86                | 30.00                | 28.66         | 36.00               |
| 5795MHz_TnomVnom               | Pass   | 4.80        | 23.84           | 23.84                | 30.00                | 28.64         | 36.00               |
| 802.11ax_HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz_TnomVnom               | Pass   | 4.80        | 15.73           | 15.73                | 30.00                | 20.53         | 36.00               |
| 5775MHz_TnomVnom               | Pass   | 4.80        | 22.12           | 22.12                | 30.00                | 26.92         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 1 2T2S**

**Appendix C.2**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 15.88                | 0.03873            | 20.97         | 0.12503     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 15.75                | 0.03758            | 20.70         | 0.11749     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 15.50                | 0.03548            | 20.45         | 0.11092     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 15.25                | 0.03350            | 20.20         | 0.10471     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 15.89                | 0.03882            | 20.84         | 0.12134     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 15.86                | 0.03855            | 20.81         | 0.12050     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 15.79                | 0.03793            | 20.74         | 0.11858     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 22.61                | 0.18239            | 27.70         | 0.58884     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 21.13                | 0.12972            | 26.08         | 0.40551     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 22.76                | 0.18880            | 27.71         | 0.59020     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 22.63                | 0.18323            | 27.58         | 0.57280     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 21.30                | 0.13490            | 26.25         | 0.42170     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 23.06                | 0.20230            | 28.01         | 0.63241     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 22.95                | 0.19724            | 27.90         | 0.61660     |



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 1 2T2S**

**Appendix C.2**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 5.09        | 12.66           | 13.07           | 15.88                | 30.00                | 20.97         | 36.00               |
| 5200MHz                        | Pass   | 5.09        | 12.68           | 12.70           | 15.70                | 30.00                | 20.79         | 36.00               |
| 5240MHz                        | Pass   | 5.09        | 12.64           | 12.89           | 15.78                | 30.00                | 20.87         | 36.00               |
| 5745MHz                        | Pass   | 5.09        | 19.29           | 19.88           | 22.61                | 30.00                | 27.70         | 36.00               |
| 5785MHz                        | Pass   | 5.09        | 14.20           | 14.58           | 17.40                | 30.00                | 22.49         | 36.00               |
| 5825MHz                        | Pass   | 5.09        | 12.65           | 13.30           | 16.00                | 30.00                | 21.09         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.95        | 12.66           | 12.81           | 15.75                | 30.00                | 20.70         | 36.00               |
| 5200MHz                        | Pass   | 4.95        | 12.62           | 12.72           | 15.68                | 30.00                | 20.63         | 36.00               |
| 5240MHz                        | Pass   | 4.95        | 12.48           | 12.95           | 15.73                | 30.00                | 20.68         | 36.00               |
| 5745MHz                        | Pass   | 4.95        | 17.87           | 18.36           | 21.13                | 30.00                | 26.08         | 36.00               |
| 5785MHz                        | Pass   | 4.95        | 15.36           | 15.88           | 18.64                | 30.00                | 23.59         | 36.00               |
| 5825MHz                        | Pass   | 4.95        | 13.94           | 14.46           | 17.22                | 30.00                | 22.17         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.95        | 12.69           | 12.28           | 15.50                | 30.00                | 20.45         | 36.00               |
| 5230MHz                        | Pass   | 4.95        | 12.54           | 12.33           | 15.45                | 30.00                | 20.40         | 36.00               |
| 5755MHz                        | Pass   | 4.95        | 19.77           | 19.72           | 22.76                | 30.00                | 27.71         | 36.00               |
| 5795MHz                        | Pass   | 4.95        | 16.77           | 16.77           | 19.78                | 30.00                | 24.73         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.95        | 12.18           | 12.30           | 15.25                | 30.00                | 20.20         | 36.00               |
| 5775MHz                        | Pass   | 4.95        | 19.37           | 19.86           | 22.63                | 30.00                | 27.58         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.95        | 12.79           | 12.84           | 15.83                | 30.00                | 20.78         | 36.00               |
| 5200MHz                        | Pass   | 4.95        | 12.76           | 12.95           | 15.87                | 30.00                | 20.82         | 36.00               |
| 5240MHz                        | Pass   | 4.95        | 12.80           | 12.95           | 15.89                | 30.00                | 20.84         | 36.00               |
| 5745MHz                        | Pass   | 4.95        | 18.03           | 18.54           | 21.30                | 30.00                | 26.25         | 36.00               |
| 5785MHz                        | Pass   | 4.95        | 15.66           | 15.91           | 18.80                | 30.00                | 23.75         | 36.00               |
| 5825MHz                        | Pass   | 4.95        | 14.20           | 14.86           | 17.55                | 30.00                | 22.50         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.95        | 13.03           | 12.67           | 15.86                | 30.00                | 20.81         | 36.00               |
| 5230MHz                        | Pass   | 4.95        | 12.86           | 12.77           | 15.83                | 30.00                | 20.78         | 36.00               |
| 5755MHz                        | Pass   | 4.95        | 20.02           | 20.07           | 23.06                | 30.00                | 28.01         | 36.00               |
| 5795MHz                        | Pass   | 4.95        | 16.97           | 17.04           | 20.02                | 30.00                | 24.97         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.95        | 12.70           | 12.85           | 15.79                | 30.00                | 20.74         | 36.00               |
| 5775MHz                        | Pass   | 4.95        | 19.67           | 20.20           | 22.95                | 30.00                | 27.90         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 2 1T1S**

**Appendix C.3**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 16.01                | 0.03990            | 20.95         | 0.12445     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 15.78                | 0.03784            | 20.72         | 0.11803     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 15.75                | 0.03758            | 20.69         | 0.11722     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 15.33                | 0.03412            | 20.27         | 0.10641     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 15.99                | 0.03972            | 20.93         | 0.12388     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 16.02                | 0.03999            | 20.96         | 0.12474     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 15.76                | 0.03767            | 20.70         | 0.11749     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 22.59                | 0.18155            | 27.53         | 0.56624     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.94                | 0.19679            | 27.88         | 0.61376     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 22.58                | 0.18113            | 27.52         | 0.56494     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 21.22                | 0.13243            | 26.16         | 0.41305     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.30                | 0.21380            | 28.24         | 0.66681     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 22.67                | 0.18493            | 27.61         | 0.57677     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 21.33                | 0.13583            | 26.27         | 0.42364     |



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 2 1T1S**

**Appendix C.3**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.94        | 15.99           | 15.99                | 30.00                | 20.93         | 36.00               |
| 5200MHz                        | Pass   | 4.94        | 15.94           | 15.94                | 30.00                | 20.88         | 36.00               |
| 5240MHz                        | Pass   | 4.94        | 16.01           | 16.01                | 30.00                | 20.95         | 36.00               |
| 5745MHz                        | Pass   | 4.94        | 22.59           | 22.59                | 30.00                | 27.53         | 36.00               |
| 5785MHz                        | Pass   | 4.94        | 22.47           | 22.47                | 30.00                | 27.41         | 36.00               |
| 5825MHz                        | Pass   | 4.94        | 21.95           | 21.95                | 30.00                | 26.89         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.94        | 15.59           | 15.59                | 30.00                | 20.53         | 36.00               |
| 5200MHz                        | Pass   | 4.94        | 15.57           | 15.57                | 30.00                | 20.51         | 36.00               |
| 5240MHz                        | Pass   | 4.94        | 15.78           | 15.78                | 30.00                | 20.72         | 36.00               |
| 5745MHz                        | Pass   | 4.94        | 22.94           | 22.94                | 30.00                | 27.88         | 36.00               |
| 5785MHz                        | Pass   | 4.94        | 22.72           | 22.72                | 30.00                | 27.66         | 36.00               |
| 5825MHz                        | Pass   | 4.94        | 22.39           | 22.39                | 30.00                | 27.33         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.94        | 15.74           | 15.74                | 30.00                | 20.68         | 36.00               |
| 5230MHz                        | Pass   | 4.94        | 15.75           | 15.75                | 30.00                | 20.69         | 36.00               |
| 5755MHz                        | Pass   | 4.94        | 22.58           | 22.58                | 30.00                | 27.52         | 36.00               |
| 5795MHz                        | Pass   | 4.94        | 22.48           | 22.48                | 30.00                | 27.42         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.94        | 15.33           | 15.33                | 30.00                | 20.27         | 36.00               |
| 5775MHz                        | Pass   | 4.94        | 21.22           | 21.22                | 30.00                | 26.16         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.94        | 15.99           | 15.99                | 30.00                | 20.93         | 36.00               |
| 5200MHz                        | Pass   | 4.94        | 15.86           | 15.86                | 30.00                | 20.80         | 36.00               |
| 5240MHz                        | Pass   | 4.94        | 15.90           | 15.90                | 30.00                | 20.84         | 36.00               |
| 5745MHz                        | Pass   | 4.94        | 23.30           | 23.30                | 30.00                | 28.24         | 36.00               |
| 5785MHz                        | Pass   | 4.94        | 23.05           | 23.05                | 30.00                | 27.99         | 36.00               |
| 5825MHz                        | Pass   | 4.94        | 22.67           | 22.67                | 30.00                | 27.61         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.94        | 16.02           | 16.02                | 30.00                | 20.96         | 36.00               |
| 5230MHz                        | Pass   | 4.94        | 15.94           | 15.94                | 30.00                | 20.88         | 36.00               |
| 5755MHz                        | Pass   | 4.94        | 22.67           | 22.67                | 30.00                | 27.61         | 36.00               |
| 5795MHz                        | Pass   | 4.94        | 22.62           | 22.62                | 30.00                | 27.56         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.94        | 15.76           | 15.76                | 30.00                | 20.70         | 36.00               |
| 5775MHz                        | Pass   | 4.94        | 21.33           | 21.33                | 30.00                | 26.27         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 2 2T2S**

**Appendix C.4**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 15.81                | 0.03811            | 20.91         | 0.12331     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 15.68                | 0.03698            | 20.70         | 0.11749     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 15.54                | 0.03581            | 20.56         | 0.11376     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 15.63                | 0.03656            | 20.65         | 0.11614     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 15.95                | 0.03936            | 20.97         | 0.12503     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 15.83                | 0.03828            | 20.85         | 0.12162     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 15.91                | 0.03899            | 20.93         | 0.12388     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 26.03                | 0.40087            | 31.13         | 1.29718     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 25.78                | 0.37844            | 30.80         | 1.20226     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 25.25                | 0.33497            | 30.27         | 1.06414     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 23.08                | 0.20324            | 28.10         | 0.64565     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 26.02                | 0.39994            | 31.04         | 1.27057     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 25.36                | 0.34356            | 30.38         | 1.09144     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 23.21                | 0.20941            | 28.23         | 0.66527     |



**Average Power**  
**Non Beamforming Outdoor Sample 1 Radio 2 2T2S**

**Appendix C.4**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 5.10        | 13.04           | 12.44           | 15.76                | 30.00                | 20.86         | 36.00               |
| 5200MHz                        | Pass   | 5.10        | 12.95           | 12.11           | 15.56                | 30.00                | 20.66         | 36.00               |
| 5240MHz                        | Pass   | 5.10        | 13.19           | 12.37           | 15.81                | 30.00                | 20.91         | 36.00               |
| 5745MHz                        | Pass   | 5.10        | 22.98           | 23.05           | 26.03                | 30.00                | 31.13         | 36.00               |
| 5785MHz                        | Pass   | 5.10        | 22.58           | 22.87           | 25.74                | 30.00                | 30.84         | 36.00               |
| 5825MHz                        | Pass   | 5.10        | 22.20           | 22.63           | 25.43                | 30.00                | 30.53         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 5.02        | 12.90           | 12.18           | 15.57                | 30.00                | 20.59         | 36.00               |
| 5200MHz                        | Pass   | 5.02        | 13.00           | 12.16           | 15.61                | 30.00                | 20.63         | 36.00               |
| 5240MHz                        | Pass   | 5.02        | 13.08           | 12.22           | 15.68                | 30.00                | 20.70         | 36.00               |
| 5745MHz                        | Pass   | 5.02        | 22.73           | 22.80           | 25.78                | 30.00                | 30.80         | 36.00               |
| 5785MHz                        | Pass   | 5.02        | 22.50           | 22.76           | 25.64                | 30.00                | 30.66         | 36.00               |
| 5825MHz                        | Pass   | 5.02        | 22.15           | 22.54           | 25.36                | 30.00                | 30.38         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 5.02        | 12.76           | 12.11           | 15.46                | 30.00                | 20.48         | 36.00               |
| 5230MHz                        | Pass   | 5.02        | 12.83           | 12.20           | 15.54                | 30.00                | 20.56         | 36.00               |
| 5755MHz                        | Pass   | 5.02        | 22.20           | 22.13           | 25.18                | 30.00                | 30.20         | 36.00               |
| 5795MHz                        | Pass   | 5.02        | 22.17           | 22.30           | 25.25                | 30.00                | 30.27         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 5.02        | 12.94           | 12.27           | 15.63                | 30.00                | 20.65         | 36.00               |
| 5775MHz                        | Pass   | 5.02        | 20.15           | 19.98           | 23.08                | 30.00                | 28.10         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 5.02        | 13.16           | 12.36           | 15.79                | 30.00                | 20.81         | 36.00               |
| 5200MHz                        | Pass   | 5.02        | 13.11           | 12.32           | 15.74                | 30.00                | 20.76         | 36.00               |
| 5240MHz                        | Pass   | 5.02        | 13.37           | 12.47           | 15.95                | 30.00                | 20.97         | 36.00               |
| 5745MHz                        | Pass   | 5.02        | 22.95           | 23.07           | 26.02                | 30.00                | 31.04         | 36.00               |
| 5785MHz                        | Pass   | 5.02        | 22.70           | 22.98           | 25.85                | 30.00                | 30.87         | 36.00               |
| 5825MHz                        | Pass   | 5.02        | 22.34           | 22.61           | 25.49                | 30.00                | 30.51         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 5.02        | 12.95           | 12.44           | 15.71                | 30.00                | 20.73         | 36.00               |
| 5230MHz                        | Pass   | 5.02        | 13.22           | 12.37           | 15.83                | 30.00                | 20.85         | 36.00               |
| 5755MHz                        | Pass   | 5.02        | 22.37           | 22.29           | 25.34                | 30.00                | 30.36         | 36.00               |
| 5795MHz                        | Pass   | 5.02        | 22.30           | 22.40           | 25.36                | 30.00                | 30.38         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 5.02        | 13.26           | 12.51           | 15.91                | 30.00                | 20.93         | 36.00               |
| 5775MHz                        | Pass   | 5.02        | 20.20           | 20.19           | 23.21                | 30.00                | 28.23         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 1T1S**

**Appendix C.5**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.53                | 0.22542            | 31.53         | 1.42233     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.27                | 0.21232            | 31.27         | 1.33968     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 20.63                | 0.11561            | 28.63         | 0.72946     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 15.31                | 0.03396            | 23.31         | 0.21429     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.31                | 0.21429            | 31.31         | 1.35207     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 20.66                | 0.11641            | 28.66         | 0.73451     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 15.63                | 0.03656            | 23.63         | 0.23067     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.43                | 0.22029            | 31.43         | 1.38995     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.24                | 0.21086            | 31.24         | 1.33045     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 22.11                | 0.16255            | 30.11         | 1.02565     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 17.25                | 0.05309            | 25.25         | 0.33497     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.28                | 0.21281            | 31.28         | 1.34276     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 22.33                | 0.17100            | 30.33         | 1.07895     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 17.60                | 0.05754            | 25.60         | 0.36308     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 1T1S**

**Appendix C.5**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 19.3            | 19.30                | 28.00                | 27.30         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 23.53           | 23.53                | 28.00                | 31.53         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 23.3            | 23.30                | 28.00                | 31.30         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 20.59           | 20.59                | 28.00                | 28.59         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 23.4            | 23.40                | 28.00                | 31.40         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 23.43           | 23.43                | 28.00                | 31.43         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 17.9            | 17.90                | 28.00                | 25.90         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 22.11           | 22.11                | 28.00                | 30.11         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 23.27           | 23.27                | 28.00                | 31.27         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.82           | 22.82                | 28.00                | 30.82         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 23.18           | 23.18                | 28.00                | 31.18         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 23.24           | 23.24                | 28.00                | 31.24         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.00        | 15.82           | 15.82                | 28.00                | 23.82         | 36.00               |
| 5230MHz                        | Pass   | 8.00        | 20.63           | 20.63                | 28.00                | 28.63         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 20.73           | 20.73                | 28.00                | 28.73         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 22.11           | 22.11                | 28.00                | 30.11         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.00        | 15.31           | 15.31                | 28.00                | 23.31         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 17.25           | 17.25                | 28.00                | 25.25         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 18.08           | 18.08                | 28.00                | 26.08         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 22.22           | 22.22                | 28.00                | 30.22         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 23.31           | 23.31                | 28.00                | 31.31         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.87           | 22.87                | 28.00                | 30.87         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 23.2            | 23.20                | 28.00                | 31.20         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 23.28           | 23.28                | 28.00                | 31.28         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.00        | 15.9            | 15.90                | 28.00                | 23.90         | 36.00               |
| 5230MHz                        | Pass   | 8.00        | 20.66           | 20.66                | 28.00                | 28.66         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 20.89           | 20.89                | 28.00                | 28.89         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 22.33           | 22.33                | 28.00                | 30.33         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.00        | 15.63           | 15.63                | 28.00                | 23.63         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 17.6            | 17.60                | 28.00                | 25.60         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 1T1S**      **Appendix C.5.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.53                | 0.22542            | 17.48         | 0.05598     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.27                | 0.21232            | 17.22         | 0.05272     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 20.63                | 0.11561            | 14.58         | 0.02871     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 15.31                | 0.03396            | 9.26          | 0.00843     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.31                | 0.21429            | 17.26         | 0.05321     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 20.66                | 0.11641            | 14.61         | 0.02891     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 15.63                | 0.03656            | 9.58          | 0.00908     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 1T1S** **Appendix C.5.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 19.3            | 19.30                | 30.00                | 13.25         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 23.53           | 23.53                | 30.00                | 17.48         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.3            | 23.30                | 30.00                | 17.25         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.9            | 17.90                | 30.00                | 11.85         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 22.11           | 22.11                | 30.00                | 16.06         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.27           | 23.27                | 30.00                | 17.22         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.82           | 15.82                | 30.00                | 9.77          | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 20.63           | 20.63                | 30.00                | 14.58         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 15.31           | 15.31                | 30.00                | 9.26          | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 18.08           | 18.08                | 30.00                | 12.03         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 22.22           | 22.22                | 30.00                | 16.17         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.31           | 23.31                | 30.00                | 17.26         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.9            | 15.90                | 30.00                | 9.85          | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 20.66           | 20.66                | 30.00                | 14.61         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 15.63           | 15.63                | 30.00                | 9.58          | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 2T2S**

**Appendix C.6**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 24.70                | 0.29512            | 32.70         | 1.86209     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 25.84                | 0.38371            | 33.84         | 2.42103     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 21.89                | 0.15453            | 29.89         | 0.97499     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 16.55                | 0.04519            | 24.55         | 0.28510     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 26.11                | 0.40832            | 34.11         | 2.57632     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 21.91                | 0.15524            | 29.91         | 0.97949     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 16.57                | 0.04539            | 24.57         | 0.28642     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 23.62                | 0.23014            | 31.62         | 1.45211     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 23.98                | 0.25003            | 31.98         | 1.57761     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 23.30                | 0.21380            | 31.30         | 1.34896     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 20.13                | 0.10304            | 28.13         | 0.65013     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 24.18                | 0.26182            | 32.18         | 1.65196     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 23.31                | 0.21429            | 31.31         | 1.35207     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 20.17                | 0.10399            | 28.17         | 0.65615     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 2T2S**

**Appendix C.6**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 16.25           | 16.36           | 19.32                | 28.00                | 27.32         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 21.62           | 21.76           | 24.70                | 28.00                | 32.70         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 21.54           | 21.56           | 24.56                | 28.00                | 32.56         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 20.16           | 21.02           | 23.62                | 28.00                | 31.62         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 17.11           | 17.91           | 20.54                | 28.00                | 28.54         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 13.59           | 13.75           | 16.68                | 28.00                | 24.68         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 16.03           | 16.22           | 19.14                | 28.00                | 27.14         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 20.51           | 20.64           | 23.59                | 28.00                | 31.59         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 22.75           | 22.91           | 25.84                | 28.00                | 33.84         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 20.69           | 21.24           | 23.98                | 28.00                | 31.98         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 18.98           | 19.54           | 22.28                | 28.00                | 30.28         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 13.08           | 13.33           | 16.22                | 28.00                | 24.22         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.00        | 14.03           | 13.95           | 17.00                | 28.00                | 25.00         | 36.00               |
| 5230MHz                        | Pass   | 8.00        | 18.95           | 18.81           | 21.89                | 28.00                | 29.89         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 18.92           | 18.84           | 21.89                | 28.00                | 29.89         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 20.30           | 20.28           | 23.30                | 28.00                | 31.30         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.00        | 13.49           | 13.59           | 16.55                | 28.00                | 24.55         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 16.86           | 17.36           | 20.13                | 28.00                | 28.13         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 16.46           | 16.53           | 19.51                | 28.00                | 27.51         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 20.98           | 20.98           | 23.99                | 28.00                | 31.99         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 23.03           | 23.16           | 26.11                | 28.00                | 34.11         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 20.90           | 21.42           | 24.18                | 28.00                | 32.18         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 19.19           | 19.71           | 22.47                | 28.00                | 30.47         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 13.30           | 13.82           | 16.58                | 28.00                | 24.58         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.00        | 14.16           | 14.03           | 17.11                | 28.00                | 25.11         | 36.00               |
| 5230MHz                        | Pass   | 8.00        | 18.96           | 18.84           | 21.91                | 28.00                | 29.91         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 18.93           | 18.91           | 21.93                | 28.00                | 29.93         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 20.32           | 20.28           | 23.31                | 28.00                | 31.31         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.00        | 13.56           | 13.56           | 16.57                | 28.00                | 24.57         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 16.89           | 17.41           | 20.17                | 28.00                | 28.17         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 2T2S**      **Appendix C.6.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 24.70                | 0.29512            | 18.65         | 0.07328     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 25.84                | 0.38371            | 19.79         | 0.09528     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 21.89                | 0.15453            | 15.84         | 0.03837     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 16.55                | 0.04519            | 10.50         | 0.01122     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 26.11                | 0.40832            | 20.06         | 0.10139     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 21.91                | 0.15524            | 15.86         | 0.03855     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 16.57                | 0.04539            | 10.52         | 0.01127     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Omni 2T2S**      **Appendix C.6.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 16.25           | 16.36           | 19.32                | 30.00                | 13.27         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.62           | 21.76           | 24.70                | 30.00                | 18.65         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 21.54           | 21.56           | 24.56                | 30.00                | 18.51         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 16.03           | 16.22           | 19.14                | 30.00                | 13.09         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 20.51           | 20.64           | 23.59                | 30.00                | 17.54         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 22.75           | 22.91           | 25.84                | 30.00                | 19.79         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 14.03           | 13.95           | 17.00                | 30.00                | 10.95         | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 18.95           | 18.81           | 21.89                | 30.00                | 15.84         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 13.49           | 13.59           | 16.55                | 30.00                | 10.50         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 16.46           | 16.53           | 19.51                | 30.00                | 13.46         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 20.98           | 20.98           | 23.99                | 30.00                | 17.94         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.03           | 23.16           | 26.11                | 30.00                | 20.06         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 14.16           | 14.03           | 17.11                | 30.00                | 11.06         | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 18.96           | 18.84           | 21.91                | 30.00                | 15.86         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 13.56           | 13.56           | 16.57                | 30.00                | 10.52         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 1T1S Appendix C.7**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 12.91                | 0.01954            | 23.61         | 0.22961     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 12.59                | 0.01816            | 23.29         | 0.21330     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 12.88                | 0.01941            | 23.58         | 0.22803     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 12.22                | 0.01667            | 22.92         | 0.19588     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 12.89                | 0.01945            | 23.59         | 0.22856     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 13.09                | 0.02037            | 23.79         | 0.23933     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 12.71                | 0.01866            | 23.41         | 0.21928     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.50                | 0.22387            | 34.20         | 2.63027     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 23.45                | 0.22131            | 34.15         | 2.60016     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 22.32                | 0.17061            | 33.02         | 2.00447     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 17.03                | 0.05047            | 27.73         | 0.59293     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.62                | 0.23014            | 34.32         | 2.70396     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 22.56                | 0.18030            | 33.26         | 2.11836     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 17.39                | 0.05483            | 28.09         | 0.64417     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 1T1S Appendix C.7**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 12.83           | 12.83                | 25.30                | 23.53         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 12.91           | 12.91                | 25.30                | 23.61         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 12.81           | 12.81                | 25.30                | 23.51         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 22.34           | 22.34                | 25.30                | 33.04         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 23.50           | 23.50                | 25.30                | 34.20         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 23.48           | 23.48                | 25.30                | 34.18         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 12.59           | 12.59                | 25.30                | 23.29         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 12.44           | 12.44                | 25.30                | 23.14         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 12.51           | 12.51                | 25.30                | 23.21         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.39           | 21.39                | 25.30                | 32.09         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 23.45           | 23.45                | 25.30                | 34.15         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 23.31           | 23.31                | 25.30                | 34.01         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 12.88           | 12.88                | 25.30                | 23.58         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 12.87           | 12.87                | 25.30                | 23.57         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 21.09           | 21.09                | 25.30                | 31.79         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 22.32           | 22.32                | 25.30                | 33.02         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 12.22           | 12.22                | 25.30                | 22.92         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 17.03           | 17.03                | 25.30                | 27.73         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 12.87           | 12.87                | 25.30                | 23.57         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 12.82           | 12.82                | 25.30                | 23.52         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 12.89           | 12.89                | 25.30                | 23.59         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.57           | 21.57                | 25.30                | 32.27         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 23.62           | 23.62                | 25.30                | 34.32         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 23.57           | 23.57                | 25.30                | 34.27         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 13.09           | 13.09                | 25.30                | 23.79         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 13.05           | 13.05                | 25.30                | 23.75         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 21.38           | 21.38                | 25.30                | 32.08         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 22.56           | 22.56                | 25.30                | 33.26         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 12.71           | 12.71                | 25.30                | 23.41         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 17.39           | 17.39                | 25.30                | 28.09         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 1T1S Appendix C.7.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 12.91                | 0.01954            | 20.81         | 0.12050     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 12.59                | 0.01816            | 20.49         | 0.11194     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 12.88                | 0.01941            | 20.78         | 0.11967     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 12.22                | 0.01667            | 20.12         | 0.10280     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 12.89                | 0.01945            | 20.79         | 0.11995     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 13.09                | 0.02037            | 20.99         | 0.12560     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 12.71                | 0.01866            | 20.61         | 0.11508     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 1T1S Appendix C.7.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 12.83           | 12.83                | 28.10                | 20.73         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 12.91           | 12.91                | 28.10                | 20.81         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 12.81           | 12.81                | 28.10                | 20.71         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 12.59           | 12.59                | 28.10                | 20.49         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 12.44           | 12.44                | 28.10                | 20.34         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 12.51           | 12.51                | 28.10                | 20.41         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 12.88           | 12.88                | 28.10                | 20.78         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 12.87           | 12.87                | 28.10                | 20.77         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 12.22           | 12.22                | 28.10                | 20.12         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 12.87           | 12.87                | 28.10                | 20.77         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 12.82           | 12.82                | 28.10                | 20.72         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 12.89           | 12.89                | 28.10                | 20.79         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 13.09           | 13.09                | 28.10                | 20.99         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 13.05           | 13.05                | 28.10                | 20.95         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 12.71           | 12.71                | 28.10                | 20.61         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T2S Appendix C.8**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 12.96                | 0.01977            | 23.66         | 0.23227     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 12.82                | 0.01914            | 23.52         | 0.22491     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 12.5                 | 0.01778            | 23.2          | 0.20893     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 12.51                | 0.01782            | 23.21         | 0.20941     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 13.09                | 0.02037            | 23.79         | 0.23933     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 12.76                | 0.01888            | 23.46         | 0.22182     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 12.86                | 0.01932            | 23.56         | 0.22699     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 24.76                | 0.29923            | 35.46         | 3.51560     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 24.52                | 0.28314            | 35.22         | 3.32660     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 23.72                | 0.23550            | 34.42         | 2.76694     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 20.28                | 0.10666            | 30.98         | 1.25314     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 24.65                | 0.29174            | 35.35         | 3.42768     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 23.86                | 0.24322            | 34.56         | 2.85759     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 20.58                | 0.11429            | 31.28         | 1.34276     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T2S Appendix C.8**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 10.12           | 9.7             | 12.93                | 25.30                | 23.63         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 10.04           | 9.78            | 12.92                | 25.30                | 23.62         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 10.12           | 9.78            | 12.96                | 25.30                | 23.66         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.81           | 21.69           | 24.76                | 25.30                | 35.46         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 21.67           | 21.61           | 24.65                | 25.30                | 35.35         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 14.50           | 14.64           | 17.58                | 25.30                | 28.28         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 9.82            | 9.77            | 12.81                | 25.30                | 23.51         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 9.89            | 9.71            | 12.81                | 25.30                | 23.51         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 9.94            | 9.67            | 12.82                | 25.30                | 23.52         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.53           | 21.41           | 24.48                | 25.30                | 35.18         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 21.47           | 21.55           | 24.52                | 25.30                | 35.22         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 15.38           | 15.55           | 18.48                | 25.30                | 29.18         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 9.65            | 9.24            | 12.46                | 25.30                | 23.16         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 9.73            | 9.23            | 12.5                 | 25.30                | 23.2          | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 20.68           | 20.73           | 23.72                | 25.30                | 34.42         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 20.61           | 20.71           | 23.67                | 25.30                | 34.37         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 9.31            | 9.68            | 12.51                | 25.30                | 23.21         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 17.07           | 17.46           | 20.28                | 25.30                | 30.98         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 10.27           | 9.87            | 13.08                | 25.30                | 23.78         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 10.17           | 9.99            | 13.09                | 25.30                | 23.79         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 10.18           | 9.93            | 13.07                | 25.30                | 23.77         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.69           | 21.53           | 24.62                | 25.30                | 35.32         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 21.61           | 21.67           | 24.65                | 25.30                | 35.35         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 15.84           | 15.79           | 18.83                | 25.30                | 29.53         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 9.9             | 9.59            | 12.76                | 25.30                | 23.46         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 9.91            | 9.54            | 12.74                | 25.30                | 23.44         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 20.78           | 20.91           | 23.86                | 25.30                | 34.56         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 20.74           | 20.65           | 23.71                | 25.30                | 34.41         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 9.67            | 10.02           | 12.86                | 25.30                | 23.56         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 17.43           | 17.71           | 20.58                | 25.30                | 31.28         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T2S Appendix C.8.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 12.96                | 0.01977            | 20.86         | 0.12190     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 12.82                | 0.01914            | 20.72         | 0.11803     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 12.50                | 0.01778            | 20.40         | 0.10965     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 12.51                | 0.01782            | 20.41         | 0.10990     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 13.09                | 0.02037            | 20.99         | 0.12560     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 12.76                | 0.01888            | 20.66         | 0.11641     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 12.86                | 0.01932            | 20.76         | 0.11912     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T2S Appendix C.8.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 10.12           | 9.70            | 12.93                | 28.10                | 20.83         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 10.04           | 9.78            | 12.92                | 28.10                | 20.82         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 10.12           | 9.78            | 12.96                | 28.10                | 20.86         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 9.82            | 9.77            | 12.81                | 28.10                | 20.71         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 9.89            | 9.71            | 12.81                | 28.10                | 20.71         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 9.94            | 9.67            | 12.82                | 28.10                | 20.72         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 9.65            | 9.24            | 12.46                | 28.10                | 20.36         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 9.73            | 9.23            | 12.50                | 28.10                | 20.40         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 9.31            | 9.68            | 12.51                | 28.10                | 20.41         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 10.27           | 9.87            | 13.08                | 28.10                | 20.98         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 10.17           | 9.99            | 13.09                | 28.10                | 20.99         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 10.18           | 9.93            | 13.07                | 28.10                | 20.97         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 9.90            | 9.59            | 12.76                | 28.10                | 20.66         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 9.91            | 9.54            | 12.74                | 28.10                | 20.64         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 9.67            | 10.02           | 12.86                | 28.10                | 20.76         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 1T1S**

**Appendix C.9**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.21                | 0.20941            | 31.21         | 1.32130     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.96                | 0.19770            | 30.96         | 1.24738     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 20.29                | 0.10691            | 28.29         | 0.67453     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 15.02                | 0.03177            | 23.02         | 0.20045     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.13                | 0.20559            | 31.13         | 1.29718     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 20.57                | 0.11402            | 28.57         | 0.71945     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 15.44                | 0.03499            | 23.44         | 0.22080     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 22.21                | 0.16634            | 30.21         | 1.04954     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.56                | 0.18030            | 30.56         | 1.13763     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 23.17                | 0.20749            | 31.17         | 1.30918     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 19.60                | 0.09120            | 27.60         | 0.57544     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 22.69                | 0.18578            | 30.69         | 1.17220     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 23.21                | 0.20941            | 31.21         | 1.32130     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 19.72                | 0.09376            | 27.72         | 0.59156     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 1T1S**

**Appendix C.9**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 18.58           | 18.58                | 28.00                | 26.58         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 23.00           | 23.00                | 28.00                | 31.00         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 23.21           | 23.21                | 28.00                | 31.21         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.21           | 22.21                | 28.00                | 30.21         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 22.07           | 22.07                | 28.00                | 30.07         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 21.77           | 21.77                | 28.00                | 29.77         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 17.80           | 17.80                | 28.00                | 25.80         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 22.37           | 22.37                | 28.00                | 30.37         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 22.96           | 22.96                | 28.00                | 30.96         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.56           | 22.56                | 28.00                | 30.56         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 21.42           | 21.42                | 28.00                | 29.42         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 21.08           | 21.08                | 28.00                | 29.08         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.00        | 15.90           | 15.90                | 28.00                | 23.90         | 36.00               |
| 5230MHz                        | Pass   | 8.00        | 20.29           | 20.29                | 28.00                | 28.29         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 23.17           | 23.17                | 28.00                | 31.17         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 23.07           | 23.07                | 28.00                | 31.07         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.00        | 15.02           | 15.02                | 28.00                | 23.02         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 19.60           | 19.60                | 28.00                | 27.60         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 8.00        | 17.91           | 17.91                | 28.00                | 25.91         | 36.00               |
| 5200MHz                        | Pass   | 8.00        | 22.39           | 22.39                | 28.00                | 30.39         | 36.00               |
| 5240MHz                        | Pass   | 8.00        | 23.13           | 23.13                | 28.00                | 31.13         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.69           | 22.69                | 28.00                | 30.69         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 21.75           | 21.75                | 28.00                | 29.75         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 21.30           | 21.30                | 28.00                | 29.30         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 8.00        | 16.14           | 16.14                | 28.00                | 24.14         | 36.00               |
| 5230MHz                        | Pass   | 8.00        | 20.57           | 20.57                | 28.00                | 28.57         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 23.21           | 23.21                | 28.00                | 31.21         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 23.17           | 23.17                | 28.00                | 31.17         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 8.00        | 15.44           | 15.44                | 28.00                | 23.44         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 19.72           | 19.72                | 28.00                | 27.72         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 1T1S**      **Appendix C.9.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.21                | 0.20941            | 17.16         | 0.05200     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.96                | 0.19770            | 16.91         | 0.04909     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 20.29                | 0.10691            | 14.24         | 0.02655     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 15.02                | 0.03177            | 8.97          | 0.00789     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.13                | 0.20559            | 17.08         | 0.05105     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 20.57                | 0.11402            | 14.52         | 0.02831     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 15.44                | 0.03499            | 9.39          | 0.00869     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 1T1S**      **Appendix C.9.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 18.58           | 18.58                | 30.00                | 12.53         | 21.00               |
| 5200MHz                        | Pass   | -6.05       | 23.00           | 23.00                | 30.00                | 16.95         | 21.00               |
| 5240MHz                        | Pass   | -6.05       | 23.21           | 23.21                | 30.00                | 17.16         | 21.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.80           | 17.80                | 30.00                | 11.75         | 21.00               |
| 5200MHz                        | Pass   | -6.05       | 22.37           | 22.37                | 30.00                | 16.32         | 21.00               |
| 5240MHz                        | Pass   | -6.05       | 22.96           | 22.96                | 30.00                | 16.91         | 21.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.90           | 15.90                | 30.00                | 9.85          | 21.00               |
| 5230MHz                        | Pass   | -6.05       | 20.29           | 20.29                | 30.00                | 14.24         | 21.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 15.02           | 15.02                | 30.00                | 8.97          | 21.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.91           | 17.91                | 30.00                | 11.86         | 21.00               |
| 5200MHz                        | Pass   | -6.05       | 22.39           | 22.39                | 30.00                | 16.34         | 21.00               |
| 5240MHz                        | Pass   | -6.05       | 23.13           | 23.13                | 30.00                | 17.08         | 21.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 16.14           | 16.14                | 30.00                | 10.09         | 21.00               |
| 5230MHz                        | Pass   | -6.05       | 20.57           | 20.57                | 30.00                | 14.52         | 21.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 15.44           | 15.44                | 30.00                | 9.39          | 21.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 2T2S**      **Appendix C.10**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 25.78                | 0.37844            | 19.73         | 0.09397     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 25.95                | 0.39355            | 19.90         | 0.09772     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 23.04                | 0.20137            | 16.99         | 0.05000     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 16.46                | 0.04426            | 10.41         | 0.01099     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 26.15                | 0.41210            | 20.10         | 0.10233     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 23.28                | 0.21281            | 17.23         | 0.05284     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 16.75                | 0.04732            | 10.70         | 0.01175     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 25.73                | 0.37411            | 33.73         | 2.36048     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 25.79                | 0.37931            | 33.79         | 2.39332     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 25.18                | 0.32961            | 33.18         | 2.07970     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 21.44                | 0.13932            | 29.44         | 0.87902     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 25.98                | 0.39628            | 33.98         | 2.50035     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 25.37                | 0.34435            | 33.37         | 2.17270     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 21.68                | 0.14723            | 29.68         | 0.92897     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 2T2S** **Appendix C.10**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.38           | 17.47           | 20.44                | 30.00                | 14.39         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.75           | 21.32           | 24.55                | 30.00                | 18.50         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 22.91           | 22.62           | 25.78                | 30.00                | 19.73         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 21.60           | 21.77           | 24.70                | 28.00                | 32.70         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 22.87           | 22.56           | 25.73                | 28.00                | 33.73         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 21.91           | 21.75           | 24.84                | 28.00                | 32.84         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 16.75           | 16.69           | 19.73                | 30.00                | 13.68         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.53           | 21.14           | 24.35                | 30.00                | 18.30         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.06           | 22.81           | 25.95                | 30.00                | 19.90         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.10           | 22.12           | 25.12                | 28.00                | 33.12         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 21.83           | 21.91           | 24.88                | 28.00                | 32.88         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 22.83           | 22.72           | 25.79                | 28.00                | 33.79         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.26           | 14.74           | 18.02                | 30.00                | 11.97         | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 20.27           | 19.78           | 23.04                | 30.00                | 16.99         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 21.50           | 21.09           | 24.31                | 28.00                | 32.31         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 22.43           | 21.89           | 25.18                | 28.00                | 33.18         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 13.43           | 13.47           | 16.46                | 30.00                | 10.41         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 18.17           | 18.67           | 21.44                | 28.00                | 29.44         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.17           | 17.02           | 20.11                | 30.00                | 14.06         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.86           | 21.38           | 24.64                | 30.00                | 18.59         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.34           | 22.93           | 26.15                | 30.00                | 20.10         | 36.00               |
| 5745MHz                        | Pass   | 8.00        | 22.33           | 22.31           | 25.33                | 28.00                | 33.33         | 36.00               |
| 5785MHz                        | Pass   | 8.00        | 22.08           | 22.09           | 25.10                | 28.00                | 33.10         | 36.00               |
| 5825MHz                        | Pass   | 8.00        | 23.05           | 22.88           | 25.98                | 28.00                | 33.98         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.44           | 14.94           | 18.21                | 30.00                | 12.16         | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 20.61           | 19.91           | 23.28                | 30.00                | 17.23         | 36.00               |
| 5755MHz                        | Pass   | 8.00        | 21.68           | 21.24           | 24.48                | 28.00                | 32.48         | 36.00               |
| 5795MHz                        | Pass   | 8.00        | 22.56           | 22.16           | 25.37                | 28.00                | 33.37         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 13.75           | 13.72           | 16.75                | 30.00                | 10.70         | 36.00               |
| 5775MHz                        | Pass   | 8.00        | 18.43           | 18.90           | 21.68                | 28.00                | 29.68         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 2T2S Appendix C.10.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 25.78                | 0.37844            | 19.73         | 0.09397     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 25.95                | 0.39355            | 19.90         | 0.09772     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 23.04                | 0.20137            | 16.99         | 0.05000     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 16.46                | 0.04426            | 10.41         | 0.01099     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 26.15                | 0.41210            | 20.10         | 0.10233     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 23.28                | 0.21281            | 17.23         | 0.05284     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 16.75                | 0.04732            | 10.70         | 0.01175     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 2 Omni 2T2S Appendix C.10.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.38           | 17.47           | 20.44                | 30.00                | 14.39         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.75           | 21.32           | 24.55                | 30.00                | 18.50         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 22.91           | 22.62           | 25.78                | 30.00                | 19.73         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 16.75           | 16.69           | 19.73                | 30.00                | 13.68         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.53           | 21.14           | 24.35                | 30.00                | 18.30         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.06           | 22.81           | 25.95                | 30.00                | 19.90         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.26           | 14.74           | 18.02                | 30.00                | 11.97         | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 20.27           | 19.78           | 23.04                | 30.00                | 16.99         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 13.43           | 13.47           | 16.46                | 30.00                | 10.41         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | -6.05       | 17.17           | 17.02           | 20.11                | 30.00                | 14.06         | 36.00               |
| 5200MHz                        | Pass   | -6.05       | 21.86           | 21.38           | 24.64                | 30.00                | 18.59         | 36.00               |
| 5240MHz                        | Pass   | -6.05       | 23.34           | 22.93           | 26.15                | 30.00                | 20.10         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | -6.05       | 15.44           | 14.94           | 18.21                | 30.00                | 12.16         | 36.00               |
| 5230MHz                        | Pass   | -6.05       | 20.61           | 19.91           | 23.28                | 30.00                | 17.23         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | -6.05       | 13.75           | 13.72           | 16.75                | 30.00                | 10.70         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 1T1S Appendix C.11**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 23.17                | 0.20749            | 33.87         | 2.43781     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.70                | 0.18621            | 33.40         | 2.18776     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 21.33                | 0.13583            | 32.03         | 1.59588     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 16.16                | 0.04130            | 26.86         | 0.48529     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 23.11                | 0.20464            | 33.81         | 2.40436     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 21.46                | 0.13996            | 32.16         | 1.64437     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 16.28                | 0.04246            | 26.98         | 0.49888     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 22.93                | 0.19634            | 33.63         | 2.30675     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 22.69                | 0.18578            | 33.39         | 2.18273     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 22.61                | 0.18239            | 33.31         | 2.14289     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 19.91                | 0.09795            | 30.61         | 1.15080     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 22.87                | 0.19364            | 33.57         | 2.27510     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 22.76                | 0.18880            | 33.46         | 2.21820     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 20.08                | 0.10186            | 30.78         | 1.19674     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 1T1S Appendix C.11**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 18.91           | 18.91                | 25.30                | 29.61         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 23.17           | 23.17                | 25.30                | 33.87         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 23.17           | 23.17                | 25.30                | 33.87         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 22.54           | 22.54                | 25.30                | 33.24         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 22.93           | 22.93                | 25.30                | 33.63         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 22.32           | 22.32                | 25.30                | 33.02         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 17.72           | 17.72                | 25.30                | 28.42         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 22.50           | 22.50                | 25.30                | 33.20         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 22.70           | 22.70                | 25.30                | 33.40         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 22.63           | 22.63                | 25.30                | 33.33         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 22.10           | 22.10                | 25.30                | 32.80         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 22.69           | 22.69                | 25.30                | 33.39         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 16.51           | 16.51                | 25.30                | 27.21         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 21.33           | 21.33                | 25.30                | 32.03         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 22.61           | 22.61                | 25.30                | 33.31         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 22.54           | 22.54                | 25.30                | 33.24         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 16.16           | 16.16                | 25.30                | 26.86         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 19.91           | 19.91                | 25.30                | 30.61         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 18.17           | 18.17                | 25.30                | 28.87         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 22.76           | 22.76                | 25.30                | 33.46         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 23.11           | 23.11                | 25.30                | 33.81         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 22.64           | 22.64                | 25.30                | 33.34         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 22.33           | 22.33                | 25.30                | 33.03         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 22.87           | 22.87                | 25.30                | 33.57         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 16.61           | 16.61                | 25.30                | 27.31         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 21.46           | 21.46                | 25.30                | 32.16         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 22.71           | 22.71                | 25.30                | 33.41         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 22.76           | 22.76                | 25.30                | 33.46         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 16.28           | 16.28                | 25.30                | 26.98         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 20.08           | 20.08                | 25.30                | 30.78         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming\_Outdoor\_Sample 2\_Radio 2\_Panel 1\_1T1S Appendix C.11.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_1TX       | 12.83                | 0.01919            | 20.73         | 0.11830     |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | 12.72                | 0.01871            | 20.62         | 0.11535     |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | 12.68                | 0.01854            | 20.58         | 0.11429     |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | 12.61                | 0.01824            | 20.51         | 0.11246     |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 13.04                | 0.02014            | 20.94         | 0.12417     |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | 12.89                | 0.01945            | 20.79         | 0.11995     |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | 12.72                | 0.01871            | 20.62         | 0.11535     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming\_Outdoor\_Sample 2\_Radio 2\_Panel 1\_1T1S Appendix C.11.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_1TX       | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 12.83           | 12.83                | 28.10                | 20.73         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 12.79           | 12.79                | 28.10                | 20.69         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 12.77           | 12.77                | 28.10                | 20.67         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 12.68           | 12.68                | 28.10                | 20.58         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 12.72           | 12.72                | 28.10                | 20.62         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 12.69           | 12.69                | 28.10                | 20.59         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 12.68           | 12.68                | 28.10                | 20.58         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 12.64           | 12.64                | 28.10                | 20.54         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 12.61           | 12.61                | 28.10                | 20.51         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 13.00           | 13.00                | 28.10                | 20.90         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 12.79           | 12.79                | 28.10                | 20.69         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 13.04           | 13.04                | 28.10                | 20.94         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 12.89           | 12.89                | 28.10                | 20.79         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 12.87           | 12.87                | 28.10                | 20.77         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 12.72           | 12.72                | 28.10                | 20.62         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T2S Appendix C.12**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 13.03                | 0.02009            | 23.73         | 0.23605     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 12.79                | 0.01901            | 23.49         | 0.22336     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 12.15                | 0.01641            | 22.85         | 0.19275     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 12.88                | 0.01941            | 23.58         | 0.22803     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 13.08                | 0.02032            | 23.78         | 0.23878     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 12.86                | 0.01932            | 23.56         | 0.22699     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 13.09                | 0.02037            | 23.79         | 0.23933     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 24.63                | 0.29040            | 35.33         | 3.41193     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 24.49                | 0.28119            | 35.19         | 3.30370     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 24.35                | 0.27227            | 35.05         | 3.19890     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 21.39                | 0.13772            | 32.09         | 1.61808     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 24.62                | 0.28973            | 35.32         | 3.40408     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 24.59                | 0.28774            | 35.29         | 3.38065     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 21.48                | 0.14060            | 32.18         | 1.65196     |



**Average Power**  
**Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T2S Appendix C.12**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 10.27           | 9.38            | 12.86                | 25.30                | 23.56         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 10.24           | 9.59            | 12.94                | 25.30                | 23.64         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 10.32           | 9.69            | 13.03                | 25.30                | 23.73         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.33           | 21.90           | 24.63                | 25.30                | 35.33         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 20.05           | 20.15           | 23.11                | 25.30                | 33.81         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 20.46           | 20.98           | 23.74                | 25.30                | 34.44         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 9.58            | 9.43            | 12.52                | 25.30                | 23.22         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 10.05           | 9.5             | 12.79                | 25.30                | 23.49         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 10.05           | 9.48            | 12.78                | 25.30                | 23.48         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.20           | 21.75           | 24.49                | 25.30                | 35.19         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 21.15           | 21.46           | 24.32                | 25.30                | 35.02         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 21.03           | 21.42           | 24.24                | 25.30                | 34.94         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 9.47            | 8.79            | 12.15                | 25.30                | 22.85         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 9.38            | 8.85            | 12.13                | 25.30                | 22.83         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 21.08           | 21.18           | 24.14                | 25.30                | 34.84         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 21.29           | 21.39           | 24.35                | 25.30                | 35.05         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 10.16           | 9.55            | 12.88                | 25.30                | 23.58         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 18.41           | 18.35           | 21.39                | 25.30                | 32.09         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 10.70       | 10.43           | 9.65            | 13.07                | 25.30                | 23.77         | 36.00               |
| 5200MHz                        | Pass   | 10.70       | 10.38           | 9.74            | 13.08                | 25.30                | 23.78         | 36.00               |
| 5240MHz                        | Pass   | 10.70       | 10.35           | 9.61            | 13.01                | 25.30                | 23.71         | 36.00               |
| 5745MHz                        | Pass   | 10.70       | 21.38           | 21.83           | 24.62                | 25.30                | 35.32         | 36.00               |
| 5785MHz                        | Pass   | 10.70       | 21.42           | 21.73           | 24.59                | 25.30                | 35.29         | 36.00               |
| 5825MHz                        | Pass   | 10.70       | 21.34           | 21.74           | 24.55                | 25.30                | 35.25         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 10.70       | 10.06           | 9.37            | 12.74                | 25.30                | 23.44         | 36.00               |
| 5230MHz                        | Pass   | 10.70       | 10.13           | 9.56            | 12.86                | 25.30                | 23.56         | 36.00               |
| 5755MHz                        | Pass   | 10.70       | 21.29           | 21.43           | 24.37                | 25.30                | 35.07         | 36.00               |
| 5795MHz                        | Pass   | 10.70       | 21.53           | 21.63           | 24.59                | 25.30                | 35.29         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 10.70       | 10.46           | 9.67            | 13.09                | 25.30                | 23.79         | 36.00               |
| 5775MHz                        | Pass   | 10.70       | 18.50           | 18.43           | 21.48                | 25.30                | 32.18         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T2S Appendix C.12.1**

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 13.03                | 0.02009            | 20.93         | 0.12388     |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | 12.79                | 0.01901            | 20.69         | 0.11722     |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | 12.15                | 0.01641            | 20.05         | 0.10116     |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | 12.88                | 0.01941            | 20.78         | 0.11967     |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | 13.08                | 0.02032            | 20.98         | 0.12531     |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | 12.86                | 0.01932            | 20.76         | 0.11912     |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | 13.09                | 0.02037            | 20.99         | 0.12560     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T2S Appendix C.12.1**

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 10.27           | 9.38            | 12.86                | 28.10                | 20.76         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 10.24           | 9.59            | 12.94                | 28.10                | 20.84         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 10.32           | 9.69            | 13.03                | 28.10                | 20.93         | 36.00               |
| 802.11ac VHT20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 9.58            | 9.43            | 12.52                | 28.10                | 20.42         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 10.05           | 9.50            | 12.79                | 28.10                | 20.69         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 10.05           | 9.48            | 12.78                | 28.10                | 20.68         | 36.00               |
| 802.11ac VHT40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 9.47            | 8.79            | 12.15                | 28.10                | 20.05         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 9.38            | 8.85            | 12.13                | 28.10                | 20.03         | 36.00               |
| 802.11ac VHT80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 10.16           | 9.55            | 12.88                | 28.10                | 20.78         | 36.00               |
| 802.11ax HEW20_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 7.90        | 10.43           | 9.65            | 13.07                | 28.10                | 20.97         | 36.00               |
| 5200MHz                        | Pass   | 7.90        | 10.38           | 9.74            | 13.08                | 28.10                | 20.98         | 36.00               |
| 5240MHz                        | Pass   | 7.90        | 10.35           | 9.61            | 13.01                | 28.10                | 20.91         | 36.00               |
| 802.11ax HEW40_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 7.90        | 10.06           | 9.37            | 12.74                | 28.10                | 20.64         | 36.00               |
| 5230MHz                        | Pass   | 7.90        | 10.13           | 9.56            | 12.86                | 28.10                | 20.76         | 36.00               |
| 802.11ax HEW80_Nss2,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 7.90        | 10.46           | 9.67            | 13.09                | 28.10                | 20.99         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Beamforming Outdoor Sample 1 Radio 1 2T1S**

**Appendix C.13**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 15.57                | 0.03606            | 23.53         | 0.22542     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 15.78                | 0.03784            | 23.74         | 0.23659     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 15.45                | 0.03508            | 23.41         | 0.21928     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 15.72                | 0.03733            | 23.68         | 0.23335     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 15.84                | 0.03837            | 23.80         | 0.23988     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 15.69                | 0.03707            | 23.65         | 0.23174     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 20.94                | 0.12417            | 28.90         | 0.77625     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 25.11                | 0.32434            | 33.07         | 2.02768     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 24.64                | 0.29107            | 32.60         | 1.81970     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.98                | 0.12531            | 28.94         | 0.78343     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 25.12                | 0.32509            | 33.08         | 2.03236     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 24.89                | 0.30832            | 32.85         | 1.92752     |



**Average Power**  
**Beamforming Outdoor Sample 1 Radio 1 2T1S**

**Appendix C.13**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom                  | Pass   | 7.96        | 12.62           | 12.08           | 15.37                | 28.04                | 23.33         | 36.00               |
| 5200MHz_TnomVnom                  | Pass   | 7.96        | 12.30           | 11.76           | 15.05                | 28.04                | 23.01         | 36.00               |
| 5240MHz_TnomVnom                  | Pass   | 7.96        | 12.64           | 12.48           | 15.57                | 28.04                | 23.53         | 36.00               |
| 5745MHz_TnomVnom                  | Pass   | 7.96        | 17.87           | 17.99           | 20.94                | 28.04                | 28.90         | 36.00               |
| 5785MHz_TnomVnom                  | Pass   | 7.96        | 15.17           | 15.11           | 18.15                | 28.04                | 26.11         | 36.00               |
| 5825MHz_TnomVnom                  | Pass   | 7.96        | 12.50           | 11.84           | 15.19                | 28.04                | 23.15         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz_TnomVnom                  | Pass   | 7.96        | 12.91           | 12.62           | 15.78                | 28.04                | 23.74         | 36.00               |
| 5230MHz_TnomVnom                  | Pass   | 7.96        | 12.69           | 12.45           | 15.58                | 28.04                | 23.54         | 36.00               |
| 5755MHz_TnomVnom                  | Pass   | 7.96        | 22.31           | 21.87           | 25.11                | 28.04                | 33.07         | 36.00               |
| 5795MHz_TnomVnom                  | Pass   | 7.96        | 21.40           | 21.47           | 24.45                | 28.04                | 32.41         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz_TnomVnom                  | Pass   | 7.96        | 12.14           | 12.72           | 15.45                | 28.04                | 23.41         | 36.00               |
| 5775MHz_TnomVnom                  | Pass   | 7.96        | 21.70           | 21.55           | 24.64                | 28.04                | 32.60         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom                  | Pass   | 7.96        | 12.66           | 12.40           | 15.54                | 28.04                | 23.50         | 36.00               |
| 5200MHz_TnomVnom                  | Pass   | 7.96        | 12.49           | 12.64           | 15.58                | 28.04                | 23.54         | 36.00               |
| 5240MHz_TnomVnom                  | Pass   | 7.96        | 12.79           | 12.62           | 15.72                | 28.04                | 23.68         | 36.00               |
| 5745MHz_TnomVnom                  | Pass   | 7.96        | 18.12           | 17.82           | 20.98                | 28.04                | 28.94         | 36.00               |
| 5785MHz_TnomVnom                  | Pass   | 7.96        | 15.28           | 15.08           | 18.19                | 28.04                | 26.15         | 36.00               |
| 5825MHz_TnomVnom                  | Pass   | 7.96        | 12.64           | 12.19           | 15.43                | 28.04                | 23.39         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz_TnomVnom                  | Pass   | 7.96        | 13.06           | 12.58           | 15.84                | 28.04                | 23.80         | 36.00               |
| 5230MHz_TnomVnom                  | Pass   | 7.96        | 12.89           | 12.36           | 15.64                | 28.04                | 23.60         | 36.00               |
| 5755MHz_TnomVnom                  | Pass   | 7.96        | 22.36           | 21.84           | 25.12                | 28.04                | 33.08         | 36.00               |
| 5795MHz_TnomVnom                  | Pass   | 7.96        | 21.52           | 21.41           | 24.48                | 28.04                | 32.44         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz_TnomVnom                  | Pass   | 7.96        | 12.58           | 12.77           | 15.69                | 28.04                | 23.65         | 36.00               |
| 5775MHz_TnomVnom                  | Pass   | 7.96        | 21.70           | 22.05           | 24.89                | 28.04                | 32.85         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 1 Radio 1 2T1S**

**Appendix C.13.1**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 15.57                | 0.03606            | 20.66         | 0.11641     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 15.78                | 0.03784            | 20.87         | 0.12218     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 15.45                | 0.03508            | 20.54         | 0.11324     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 15.72                | 0.03733            | 20.81         | 0.12050     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 15.84                | 0.03837            | 20.93         | 0.12388     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 15.69                | 0.03707            | 20.78         | 0.11967     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 1 Radio 1 2T1S**

**Appendix C.13.1**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 5.09        | 12.62           | 12.08           | 15.37                | 24.99                | 20.46         | 36.00               |
| 5200MHz                           | Pass   | 5.09        | 12.3            | 11.76           | 15.05                | 24.99                | 20.14         | 36.00               |
| 5240MHz                           | Pass   | 5.09        | 12.64           | 12.48           | 15.57                | 24.99                | 20.66         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 5.09        | 12.91           | 12.62           | 15.78                | 24.99                | 20.87         | 36.00               |
| 5230MHz                           | Pass   | 5.09        | 12.69           | 12.45           | 15.58                | 24.99                | 20.67         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 5.09        | 12.14           | 12.72           | 15.45                | 24.99                | 20.54         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 5.09        | 12.66           | 12.4            | 15.54                | 24.99                | 20.63         | 36.00               |
| 5200MHz                           | Pass   | 5.09        | 12.49           | 12.64           | 15.58                | 24.99                | 20.67         | 36.00               |
| 5240MHz                           | Pass   | 5.09        | 12.79           | 12.62           | 15.72                | 24.99                | 20.81         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 5.09        | 13.06           | 12.58           | 15.84                | 24.99                | 20.93         | 36.00               |
| 5230MHz                           | Pass   | 5.09        | 12.89           | 12.36           | 15.64                | 24.99                | 20.73         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 5.09        | 12.58           | 12.77           | 15.69                | 24.99                | 20.78         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Beamforming Outdoor Sample 1 Radio 2 2T1S**

**Appendix C.14**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 15.70                | 0.03715            | 23.73         | 0.23605     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 15.76                | 0.03767            | 23.79         | 0.23933     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 15.52                | 0.03565            | 23.55         | 0.22646     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 15.88                | 0.03873            | 23.91         | 0.24604     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 15.85                | 0.03846            | 23.88         | 0.24434     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 15.79                | 0.03793            | 23.82         | 0.24099     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 24.32                | 0.27040            | 32.35         | 1.71791     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 25.02                | 0.31769            | 33.05         | 2.01837     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 23.52                | 0.22491            | 31.55         | 1.42889     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 24.57                | 0.28642            | 32.60         | 1.81970     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 25.13                | 0.32584            | 33.16         | 2.07014     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 23.55                | 0.22646            | 31.58         | 1.43880     |



**Average Power**  
**Beamforming Outdoor Sample 1 Radio 2 2T1S**

**Appendix C.14**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 8.03        | 13.08           | 12.26           | 15.70                | 27.97                | 23.73         | 36.00               |
| 5200MHz                           | Pass   | 8.03        | 13.12           | 12.08           | 15.64                | 27.97                | 23.67         | 36.00               |
| 5240MHz                           | Pass   | 8.03        | 12.80           | 12.37           | 15.60                | 27.97                | 23.63         | 36.00               |
| 5745MHz                           | Pass   | 8.03        | 21.05           | 21.41           | 24.24                | 27.97                | 32.27         | 36.00               |
| 5785MHz                           | Pass   | 8.03        | 21.13           | 21.48           | 24.32                | 27.97                | 32.35         | 36.00               |
| 5825MHz                           | Pass   | 8.03        | 20.43           | 21.19           | 23.84                | 27.97                | 31.87         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 8.03        | 12.75           | 12.48           | 15.63                | 27.97                | 23.66         | 36.00               |
| 5230MHz                           | Pass   | 8.03        | 12.79           | 12.71           | 15.76                | 27.97                | 23.79         | 36.00               |
| 5755MHz                           | Pass   | 8.03        | 21.94           | 22.08           | 25.02                | 27.97                | 33.05         | 36.00               |
| 5795MHz                           | Pass   | 8.03        | 21.87           | 21.99           | 24.94                | 27.97                | 32.97         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 8.03        | 12.58           | 12.44           | 15.52                | 27.97                | 23.55         | 36.00               |
| 5775MHz                           | Pass   | 8.03        | 20.24           | 20.77           | 23.52                | 27.97                | 31.55         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 8.03        | 13.24           | 12.46           | 15.88                | 27.97                | 23.91         | 36.00               |
| 5200MHz                           | Pass   | 8.03        | 12.98           | 12.34           | 15.68                | 27.97                | 23.71         | 36.00               |
| 5240MHz                           | Pass   | 8.03        | 12.84           | 12.53           | 15.70                | 27.97                | 23.73         | 36.00               |
| 5745MHz                           | Pass   | 8.03        | 21.39           | 21.72           | 24.57                | 27.97                | 32.60         | 36.00               |
| 5785MHz                           | Pass   | 8.03        | 21.29           | 21.81           | 24.57                | 27.97                | 32.60         | 36.00               |
| 5825MHz                           | Pass   | 8.03        | 20.69           | 21.28           | 24.01                | 27.97                | 32.04         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 8.03        | 13.09           | 12.57           | 15.85                | 27.97                | 23.88         | 36.00               |
| 5230MHz                           | Pass   | 8.03        | 12.95           | 12.58           | 15.78                | 27.97                | 23.81         | 36.00               |
| 5755MHz                           | Pass   | 8.03        | 22.05           | 22.03           | 25.05                | 27.97                | 33.08         | 36.00               |
| 5795MHz                           | Pass   | 8.03        | 22.01           | 22.23           | 25.13                | 27.97                | 33.16         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 8.03        | 13.11           | 12.43           | 15.79                | 27.97                | 23.82         | 36.00               |
| 5775MHz                           | Pass   | 8.03        | 20.32           | 20.74           | 23.55                | 27.97                | 31.58         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 1 Radio 2 2T1S**

**Appendix C.14.1**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 15.70                | 0.03715            | 20.8          | 0.12023     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 15.76                | 0.03767            | 20.86         | 0.12190     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 15.52                | 0.03565            | 20.62         | 0.11535     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 15.88                | 0.03873            | 20.98         | 0.12531     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 15.85                | 0.03846            | 20.95         | 0.12445     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 15.79                | 0.03793            | 20.89         | 0.12274     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 1 Radio 2 2T1S**

**Appendix C.14.1**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom                  | Pass   | 5.1         | 13.08           | 12.26           | 15.7                 | 24.99                | 20.8          | 36.00               |
| 5200MHz_TnomVnom                  | Pass   | 5.1         | 13.12           | 12.08           | 15.64                | 24.99                | 20.74         | 36.00               |
| 5240MHz_TnomVnom                  | Pass   | 5.1         | 12.8            | 12.37           | 15.6                 | 24.99                | 20.7          | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz_TnomVnom                  | Pass   | 5.1         | 12.75           | 12.48           | 15.63                | 24.99                | 20.73         | 36.00               |
| 5230MHz_TnomVnom                  | Pass   | 5.1         | 12.79           | 12.71           | 15.76                | 24.99                | 20.86         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz_TnomVnom                  | Pass   | 5.1         | 12.58           | 12.44           | 15.52                | 24.99                | 20.62         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz_TnomVnom                  | Pass   | 5.1         | 13.24           | 12.46           | 15.88                | 24.99                | 20.98         | 36.00               |
| 5200MHz_TnomVnom                  | Pass   | 5.1         | 12.98           | 12.34           | 15.68                | 24.99                | 20.78         | 36.00               |
| 5240MHz_TnomVnom                  | Pass   | 5.1         | 12.84           | 12.53           | 15.7                 | 24.99                | 20.8          | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz_TnomVnom                  | Pass   | 5.1         | 13.09           | 12.57           | 15.85                | 24.99                | 20.95         | 36.00               |
| 5230MHz_TnomVnom                  | Pass   | 5.1         | 12.95           | 12.58           | 15.78                | 24.99                | 20.88         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz_TnomVnom                  | Pass   | 5.1         | 13.11           | 12.43           | 15.79                | 24.99                | 20.89         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

**Appendix C.15**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 24.00                | 0.25119            | 35.01         | 3.16957     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 21.98                | 0.15776            | 32.99         | 1.99067     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 16.58                | 0.04550            | 27.59         | 0.57412     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 24.30                | 0.26915            | 35.31         | 3.39625     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 22.01                | 0.15885            | 33.02         | 2.00447     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 16.63                | 0.04603            | 27.64         | 0.58076     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 24.27                | 0.26730            | 35.28         | 3.37287     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 23.88                | 0.24434            | 34.89         | 3.08319     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 19.62                | 0.09162            | 30.63         | 1.15611     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 24.45                | 0.27861            | 35.46         | 3.51560     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 24.20                | 0.26303            | 35.21         | 3.31894     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 19.85                | 0.09661            | 30.86         | 1.21899     |



**Average Power**  
**Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

**Appendix C.15**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.01       | 16.48           | 16.54           | 19.52                | 24.99                | 30.53         | 36.00               |
| 5200MHz                           | Pass   | 11.01       | 20.44           | 20.71           | 23.59                | 24.99                | 34.60         | 36.00               |
| 5240MHz                           | Pass   | 11.01       | 20.88           | 21.10           | 24.00                | 24.99                | 35.01         | 36.00               |
| 5745MHz                           | Pass   | 11.01       | 21.07           | 21.44           | 24.27                | 24.99                | 35.28         | 36.00               |
| 5785MHz                           | Pass   | 11.01       | 21.01           | 21.44           | 24.24                | 24.99                | 35.25         | 36.00               |
| 5825MHz                           | Pass   | 11.01       | 13.65           | 14.22           | 16.95                | 24.99                | 27.96         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.01       | 13.36           | 12.65           | 16.03                | 24.99                | 27.04         | 36.00               |
| 5230MHz                           | Pass   | 11.01       | 18.96           | 18.97           | 21.98                | 24.99                | 32.99         | 36.00               |
| 5755MHz                           | Pass   | 11.01       | 19.72           | 19.87           | 22.81                | 24.99                | 33.82         | 36.00               |
| 5795MHz                           | Pass   | 11.01       | 20.99           | 20.74           | 23.88                | 24.99                | 34.89         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.01       | 13.56           | 13.57           | 16.58                | 24.99                | 27.59         | 36.00               |
| 5775MHz                           | Pass   | 11.01       | 16.53           | 16.69           | 19.62                | 24.99                | 30.63         | 36.00               |
| 802.11ac HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.01       | 16.44           | 16.84           | 19.65                | 24.99                | 30.66         | 36.00               |
| 5200MHz                           | Pass   | 11.01       | 20.60           | 20.72           | 23.67                | 24.99                | 34.68         | 36.00               |
| 5240MHz                           | Pass   | 11.01       | 21.37           | 21.21           | 24.30                | 24.99                | 35.31         | 36.00               |
| 5745MHz                           | Pass   | 11.01       | 21.40           | 21.48           | 24.45                | 24.99                | 35.46         | 36.00               |
| 5785MHz                           | Pass   | 11.01       | 21.07           | 21.64           | 24.37                | 24.99                | 35.38         | 36.00               |
| 5825MHz                           | Pass   | 11.01       | 13.65           | 14.41           | 17.06                | 24.99                | 28.07         | 36.00               |
| 802.11ac HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.01       | 13.58           | 13.13           | 16.37                | 24.99                | 27.38         | 36.00               |
| 5230MHz                           | Pass   | 11.01       | 19.00           | 18.99           | 22.01                | 24.99                | 33.02         | 36.00               |
| 5755MHz                           | Pass   | 11.01       | 20.09           | 20.20           | 23.16                | 24.99                | 34.17         | 36.00               |
| 5795MHz                           | Pass   | 11.01       | 21.07           | 21.30           | 24.20                | 24.99                | 35.21         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.01       | 13.64           | 13.60           | 16.63                | 24.99                | 27.64         | 36.00               |
| 5775MHz                           | Pass   | 11.01       | 16.42           | 17.23           | 19.85                | 24.99                | 30.86         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

**Appendix C.15.1**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 24.00                | 0.25119            | 17.95         | 0.06237     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 21.98                | 0.15776            | 15.93         | 0.03917     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 16.58                | 0.04550            | 10.53         | 0.01130     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 24.30                | 0.26915            | 18.25         | 0.06683     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 22.01                | 0.15885            | 15.96         | 0.03945     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 16.63                | 0.04603            | 10.58         | 0.01143     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

**Appendix C.15.1**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | -6.05       | 16.48           | 16.54           | 19.52                | 24.99                | 13.47         | 36                  |
| 5200MHz                           | Pass   | -6.05       | 20.44           | 20.71           | 23.59                | 24.99                | 17.54         | 36                  |
| 5240MHz                           | Pass   | -6.05       | 20.88           | 21.1            | 24                   | 24.99                | 17.95         | 36                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | -6.05       | 13.36           | 12.65           | 16.03                | 24.99                | 9.98          | 36                  |
| 5230MHz                           | Pass   | -6.05       | 18.96           | 18.97           | 21.98                | 24.99                | 15.93         | 36                  |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | -6.05       | 13.56           | 13.57           | 16.58                | 24.99                | 10.53         | 36                  |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | -6.05       | 16.44           | 16.84           | 19.65                | 24.99                | 13.6          | 36                  |
| 5200MHz                           | Pass   | -6.05       | 20.6            | 20.72           | 23.67                | 24.99                | 17.62         | 36                  |
| 5240MHz                           | Pass   | -6.05       | 21.37           | 21.21           | 24.3                 | 24.99                | 18.25         | 36                  |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | -6.05       | 13.58           | 13.13           | 16.37                | 24.99                | 10.32         | 36                  |
| 5230MHz                           | Pass   | -6.05       | 19              | 18.99           | 22.01                | 24.99                | 15.96         | 36                  |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | -6.05       | 13.64           | 13.6            | 16.63                | 24.99                | 10.58         | 36                  |

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 12.18                | 0.01652            | 25.89         | 0.38815     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 12.43                | 0.01750            | 26.14         | 0.41115     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 12.12                | 0.01629            | 25.83         | 0.38282     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 12.92                | 0.01959            | 26.63         | 0.46026     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 12.87                | 0.01936            | 26.58         | 0.45499     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 12.56                | 0.01803            | 26.27         | 0.42364     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.70                | 0.14791            | 35.41         | 3.47536     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 21.20                | 0.13183            | 34.91         | 3.09742     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 19.23                | 0.08375            | 32.94         | 1.96789     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.77                | 0.15031            | 35.48         | 3.53183     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.60                | 0.14454            | 35.31         | 3.39625     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 19.62                | 0.09162            | 33.33         | 2.15278     |



**Average Power**  
**Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T1S**

**Appendix C.16**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 13.71       | 9.17            | 9.13            | 12.16                | 22.29                | 25.87         | 36.00               |
| 5200MHz                           | Pass   | 13.71       | 9.11            | 9.23            | 12.18                | 22.29                | 25.89         | 36.00               |
| 5240MHz                           | Pass   | 13.71       | 8.86            | 9.13            | 12.01                | 22.29                | 25.72         | 36.00               |
| 5745MHz                           | Pass   | 13.71       | 18.81           | 18.56           | 21.70                | 22.29                | 35.41         | 36.00               |
| 5785MHz                           | Pass   | 13.71       | 13.58           | 13.30           | 16.45                | 22.29                | 30.16         | 36.00               |
| 5825MHz                           | Pass   | 13.71       | 10.93           | 10.62           | 13.79                | 22.29                | 27.50         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 13.71       | 9.17            | 9.65            | 12.43                | 22.29                | 26.14         | 36.00               |
| 5230MHz                           | Pass   | 13.71       | 9.16            | 9.25            | 12.22                | 22.29                | 25.93         | 36.00               |
| 5755MHz                           | Pass   | 13.71       | 18.13           | 18.25           | 21.20                | 22.29                | 34.91         | 36.00               |
| 5795MHz                           | Pass   | 13.71       | 14.92           | 15.60           | 18.28                | 22.29                | 31.99         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 13.71       | 9.41            | 8.79            | 12.12                | 22.29                | 25.83         | 36.00               |
| 5775MHz                           | Pass   | 13.71       | 16.00           | 16.43           | 19.23                | 22.29                | 32.94         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 13.71       | 9.76            | 9.70            | 12.74                | 22.29                | 26.45         | 36.00               |
| 5200MHz                           | Pass   | 13.71       | 9.87            | 9.79            | 12.84                | 22.29                | 26.55         | 36.00               |
| 5240MHz                           | Pass   | 13.71       | 9.92            | 9.89            | 12.92                | 22.29                | 26.63         | 36.00               |
| 5745MHz                           | Pass   | 13.71       | 18.66           | 18.86           | 21.77                | 22.29                | 35.48         | 36.00               |
| 5785MHz                           | Pass   | 13.71       | 13.59           | 13.58           | 16.60                | 22.29                | 30.31         | 36.00               |
| 5825MHz                           | Pass   | 13.71       | 11.10           | 10.77           | 13.95                | 22.29                | 27.66         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 13.71       | 9.75            | 9.96            | 12.87                | 22.29                | 26.58         | 36.00               |
| 5230MHz                           | Pass   | 13.71       | 9.65            | 9.71            | 12.69                | 22.29                | 26.40         | 36.00               |
| 5755MHz                           | Pass   | 13.71       | 18.78           | 18.39           | 21.60                | 22.29                | 35.31         | 36.00               |
| 5795MHz                           | Pass   | 13.71       | 15.51           | 15.06           | 18.30                | 22.29                | 32.01         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 13.71       | 10.09           | 8.94            | 12.56                | 22.29                | 26.27         | 36.00               |
| 5775MHz                           | Pass   | 13.71       | 16.69           | 16.53           | 19.62                | 22.29                | 33.33         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T1S**

**Appendix C.16.1**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 12.18                | 0.01652            | 20.08         | 0.10186     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 12.43                | 0.01750            | 20.33         | 0.10789     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 12.12                | 0.01629            | 20.02         | 0.10046     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 12.92                | 0.01959            | 20.82         | 0.12078     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 12.87                | 0.01936            | 20.77         | 0.11940     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 12.56                | 0.01803            | 20.46         | 0.11117     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 1 Panel 1 2T1S**

**Appendix C.16.1**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 7.90        | 9.17            | 9.13            | 12.16                | 28.10                | 20.06         | 36.00               |
| 5200MHz                           | Pass   | 7.90        | 9.11            | 9.23            | 12.18                | 28.10                | 20.08         | 36.00               |
| 5240MHz                           | Pass   | 7.90        | 8.86            | 9.13            | 12.01                | 28.10                | 19.91         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 7.90        | 9.17            | 9.65            | 12.43                | 28.10                | 20.33         | 36.00               |
| 5230MHz                           | Pass   | 7.90        | 9.16            | 9.25            | 12.22                | 28.10                | 20.12         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 7.90        | 9.41            | 8.79            | 12.12                | 28.10                | 20.02         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 7.90        | 9.76            | 9.70            | 12.74                | 28.10                | 20.64         | 36.00               |
| 5200MHz                           | Pass   | 7.90        | 9.87            | 9.79            | 12.84                | 28.10                | 20.74         | 36.00               |
| 5240MHz                           | Pass   | 7.90        | 9.92            | 9.89            | 12.92                | 28.10                | 20.82         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 7.90        | 9.75            | 9.96            | 12.87                | 28.10                | 20.77         | 36.00               |
| 5230MHz                           | Pass   | 7.90        | 9.65            | 9.71            | 12.69                | 28.10                | 20.59         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 7.90        | 10.09           | 8.94            | 12.56                | 28.10                | 20.46         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Average Power**  
**Beamforming Outdoor Sample 2 Radio 2 Omni 2T1S**

**Appendix C.17**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 9.64                 | 0.00920            | 20.65         | 0.11614     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 9.64                 | 0.00920            | 20.65         | 0.11614     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 9.36                 | 0.00863            | 20.37         | 0.10889     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 9.97                 | 0.00993            | 20.98         | 0.12531     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 9.92                 | 0.00982            | 20.93         | 0.12388     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 9.84                 | 0.00964            | 20.85         | 0.12162     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 24.40                | 0.27542            | 35.41         | 3.47536     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 24.16                | 0.26062            | 35.17         | 3.28852     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 20.64                | 0.11588            | 31.65         | 1.46218     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 24.48                | 0.28054            | 35.49         | 3.53997     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 24.20                | 0.26303            | 35.21         | 3.31894     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.65                | 0.11614            | 31.66         | 1.46555     |



**Average Power**  
**Beamforming Outdoor Sample 2 Radio 2 Omni 2T1S**

**Appendix C.17**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.01       | 6.54            | 6.64            | 9.60                 | 24.99                | 20.61         | 36.00               |
| 5200MHz                           | Pass   | 11.01       | 6.30            | 6.60            | 9.46                 | 24.99                | 20.47         | 36.00               |
| 5240MHz                           | Pass   | 11.01       | 6.68            | 6.58            | 9.64                 | 24.99                | 20.65         | 36.00               |
| 5745MHz                           | Pass   | 11.01       | 19.53           | 19.84           | 22.70                | 24.99                | 33.71         | 36.00               |
| 5785MHz                           | Pass   | 11.01       | 21.14           | 21.54           | 24.35                | 24.99                | 35.36         | 36.00               |
| 5825MHz                           | Pass   | 11.01       | 21.24           | 21.54           | 24.40                | 24.99                | 35.41         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.01       | 6.68            | 6.57            | 9.64                 | 24.99                | 20.65         | 36.00               |
| 5230MHz                           | Pass   | 11.01       | 6.86            | 6.26            | 9.58                 | 24.99                | 20.59         | 36.00               |
| 5755MHz                           | Pass   | 11.01       | 20.81           | 20.59           | 23.71                | 24.99                | 34.72         | 36.00               |
| 5795MHz                           | Pass   | 11.01       | 21.08           | 21.22           | 24.16                | 24.99                | 35.17         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.01       | 6.55            | 6.15            | 9.36                 | 24.99                | 20.37         | 36.00               |
| 5775MHz                           | Pass   | 11.01       | 17.03           | 18.16           | 20.64                | 24.99                | 31.65         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 11.01       | 6.84            | 6.76            | 9.81                 | 24.99                | 20.82         | 36.00               |
| 5200MHz                           | Pass   | 11.01       | 6.65            | 6.83            | 9.75                 | 24.99                | 20.76         | 36.00               |
| 5240MHz                           | Pass   | 11.01       | 6.85            | 7.06            | 9.97                 | 24.99                | 20.98         | 36.00               |
| 5745MHz                           | Pass   | 11.01       | 19.84           | 20.30           | 23.09                | 24.99                | 34.10         | 36.00               |
| 5785MHz                           | Pass   | 11.01       | 21.10           | 21.68           | 24.41                | 24.99                | 35.42         | 36.00               |
| 5825MHz                           | Pass   | 11.01       | 21.06           | 21.84           | 24.48                | 24.99                | 35.49         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 11.01       | 7.18            | 6.63            | 9.92                 | 24.99                | 20.93         | 36.00               |
| 5230MHz                           | Pass   | 11.01       | 6.93            | 6.64            | 9.80                 | 24.99                | 20.81         | 36.00               |
| 5755MHz                           | Pass   | 11.01       | 20.70           | 20.89           | 23.81                | 24.99                | 34.82         | 36.00               |
| 5795MHz                           | Pass   | 11.01       | 21.25           | 21.12           | 24.20                | 24.99                | 35.21         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 11.01       | 6.85            | 6.81            | 9.84                 | 24.99                | 20.85         | 36.00               |
| 5775MHz                           | Pass   | 11.01       | 17.25           | 18.00           | 20.65                | 24.99                | 31.66         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 2 Omni 2T1S**

**Appendix C.17.1**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 9.64                 | 0.00920            | 3.59          | 0.00229     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 9.64                 | 0.00920            | 3.59          | 0.00229     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 9.36                 | 0.00863            | 3.31          | 0.00214     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 9.97                 | 0.00993            | 3.92          | 0.00247     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 9.92                 | 0.00982            | 3.87          | 0.00244     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 9.84                 | 0.00964            | 3.79          | 0.00239     |



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 2 Omni 2T1S**

**Appendix C.17.1**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | -6.05       | 6.54            | 6.64            | 9.60                 | 24.99                | 3.55          | 36.00               |
| 5200MHz                           | Pass   | -6.05       | 6.30            | 6.60            | 9.46                 | 24.99                | 3.41          | 36.00               |
| 5240MHz                           | Pass   | -6.05       | 6.68            | 6.58            | 9.64                 | 24.99                | 3.59          | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | -6.05       | 6.68            | 6.57            | 9.64                 | 24.99                | 3.59          | 36.00               |
| 5230MHz                           | Pass   | -6.05       | 6.86            | 6.26            | 9.58                 | 24.99                | 3.53          | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | -6.05       | 6.55            | 6.15            | 9.36                 | 24.99                | 3.31          | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | -6.05       | 6.84            | 6.76            | 9.81                 | 24.99                | 3.76          | 36.00               |
| 5200MHz                           | Pass   | -6.05       | 6.65            | 6.83            | 9.75                 | 24.99                | 3.7           | 36.00               |
| 5240MHz                           | Pass   | -6.05       | 6.85            | 7.06            | 9.97                 | 24.99                | 3.92          | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | -6.05       | 7.18            | 6.63            | 9.92                 | 24.99                | 3.87          | 36.00               |
| 5230MHz                           | Pass   | -6.05       | 6.93            | 6.64            | 9.80                 | 24.99                | 3.75          | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | -6.05       | 6.85            | 6.81            | 9.84                 | 24.99                | 3.79          | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 12.48                | 0.01770            | 26.19         | 0.41591     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 12.14                | 0.01637            | 25.85         | 0.38459     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 11.86                | 0.01535            | 25.57         | 0.36058     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 12.92                | 0.01959            | 26.63         | 0.46026     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 12.83                | 0.01919            | 26.54         | 0.45082     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 12.52                | 0.01786            | 26.23         | 0.41976     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 21.06                | 0.12764            | 34.77         | 2.99916     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 21.64                | 0.14588            | 35.35         | 3.42768     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 19.22                | 0.08356            | 32.93         | 1.96336     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.74                | 0.14928            | 35.45         | 3.50752     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.75                | 0.14962            | 35.46         | 3.51560     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 19.70                | 0.09333            | 33.41         | 2.19280     |



**Average Power**  
**Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T1S**

**Appendix C.18**

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 13.71       | 8.73            | 9.28            | 12.02                | 22.29                | 25.73         | 36.00               |
| 5200MHz                           | Pass   | 13.71       | 9.30            | 9.63            | 12.48                | 22.29                | 26.19         | 36.00               |
| 5240MHz                           | Pass   | 13.71       | 9.14            | 9.32            | 12.24                | 22.29                | 25.95         | 36.00               |
| 5745MHz                           | Pass   | 13.71       | 17.84           | 18.21           | 21.04                | 22.29                | 34.75         | 36.00               |
| 5785MHz                           | Pass   | 13.71       | 17.94           | 18.15           | 21.06                | 22.29                | 34.77         | 36.00               |
| 5825MHz                           | Pass   | 13.71       | 17.30           | 17.47           | 20.40                | 22.29                | 34.11         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 13.71       | 8.90            | 9.22            | 12.07                | 22.29                | 25.78         | 36.00               |
| 5230MHz                           | Pass   | 13.71       | 8.99            | 9.26            | 12.14                | 22.29                | 25.85         | 36.00               |
| 5755MHz                           | Pass   | 13.71       | 18.25           | 18.04           | 21.16                | 22.29                | 34.87         | 36.00               |
| 5795MHz                           | Pass   | 13.71       | 18.53           | 18.72           | 21.64                | 22.29                | 35.35         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 13.71       | 8.73            | 8.96            | 11.86                | 22.29                | 25.57         | 36.00               |
| 5775MHz                           | Pass   | 13.71       | 16.18           | 16.23           | 19.22                | 22.29                | 32.93         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 13.71       | 9.51            | 9.99            | 12.77                | 22.29                | 26.48         | 36.00               |
| 5200MHz                           | Pass   | 13.71       | 9.10            | 10.59           | 12.92                | 22.29                | 26.63         | 36.00               |
| 5240MHz                           | Pass   | 13.71       | 9.63            | 9.87            | 12.76                | 22.29                | 26.47         | 36.00               |
| 5745MHz                           | Pass   | 13.71       | 18.39           | 18.75           | 21.58                | 22.29                | 35.29         | 36.00               |
| 5785MHz                           | Pass   | 13.71       | 18.57           | 18.88           | 21.74                | 22.29                | 35.45         | 36.00               |
| 5825MHz                           | Pass   | 13.71       | 18.52           | 18.68           | 21.61                | 22.29                | 35.32         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 13.71       | 9.43            | 10.18           | 12.83                | 22.29                | 26.54         | 36.00               |
| 5230MHz                           | Pass   | 13.71       | 9.80            | 9.22            | 12.53                | 22.29                | 26.24         | 36.00               |
| 5755MHz                           | Pass   | 13.71       | 18.79           | 18.66           | 21.74                | 22.29                | 35.45         | 36.00               |
| 5795MHz                           | Pass   | 13.71       | 18.77           | 18.70           | 21.75                | 22.29                | 35.46         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 13.71       | 9.49            | 9.53            | 12.52                | 22.29                | 26.23         | 36.00               |
| 5775MHz                           | Pass   | 13.71       | 16.83           | 16.55           | 19.70                | 22.29                | 33.41         | 36.00               |

**DG** = Directional Gain; **Port X** = Port X output power



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees**  
**Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T1S**

**Appendix C.18.1**

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 12.48                | 0.01770            | 20.38         | 0.10914     |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 12.14                | 0.01637            | 20.04         | 0.10093     |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 11.86                | 0.01535            | 19.76         | 0.09462     |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 12.92                | 0.01959            | 20.82         | 0.12078     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 12.83                | 0.01919            | 20.73         | 0.11830     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 12.52                | 0.01786            | 20.42         | 0.11015     |