



## CSE\_Iron R1\_Antenna set 3 (Bandedge)\_P to M\_P to P

## Appendix E.4

### Result

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dBi) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) | Psum<br>(dBm) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|-------------------------------|--------|-----------------|----------------|------|--------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 802.11a_Nss1(6Mbps)_1TX       | -      | -               | -              | -    | -            | -           | -           | -           | -           | -           | -             | -             | -              | -              |
| 5180MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.1499G      | 3.00        | -47.14      |             |             |             | -47.14        | -44.14        | -41.20         | -2.94          |
| 5180MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -54.33      |             |             |             | -54.33        | -51.33        | -41.20         | -10.13         |
| 5180MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.14974G     | 3.00        | -33.78      |             |             |             | -33.78        | -30.78        | -21.20         | -9.58          |
| 5180MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.47G        | 3.00        | -47.51      |             |             |             | -47.51        | -44.51        | -27.00         | -17.51         |
| 5180MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.62466G     | 3.00        | -44.43      |             |             |             | -44.43        | -41.43        | -27.00         | -14.43         |
| 5180MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.9524G      | 3.00        | -46.56      |             |             |             | -46.56        | -43.56        | -27.00         | -16.56         |
| 5180MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.23987G     | 3.00        | -47.48      |             |             |             | -47.48        | -44.48        | -27.00         | -17.48         |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14908G     | 3.00        | -55.29      |             |             |             | -55.29        | -52.29        | -41.20         | -11.09         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -53.98      |             |             |             | -53.98        | -50.98        | -41.20         | -9.78          |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.07948G     | 3.00        | -41.99      |             |             |             | -41.99        | -38.99        | -21.20         | -17.79         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46776G     | 3.00        | -46.76      |             |             |             | -46.76        | -43.76        | -27.00         | -16.76         |
| 5200MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.56766G     | 3.00        | -44.11      |             |             |             | -44.11        | -41.11        | -27.00         | -14.11         |
| 5200MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.95208G     | 3.00        | -46.51      |             |             |             | -46.51        | -43.51        | -27.00         | -16.51         |
| 5200MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.47281G     | 3.00        | -46.95      |             |             |             | -46.95        | -43.95        | -27.00         | -16.95         |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.04724G     | 3.00        | -56.21      |             |             |             | -56.21        | -53.21        | -41.20         | -12.01         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -54.36      |             |             |             | -54.36        | -51.36        | -41.20         | -10.16         |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.12145G     | 3.00        | -42.39      |             |             |             | -42.39        | -39.39        | -21.20         | -18.19         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.35992G     | 3.00        | -40.61      |             |             |             | -40.61        | -37.61        | -21.20         | -16.41         |
| 5240MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.56804G     | 3.00        | -44.25      |             |             |             | -44.25        | -41.25        | -27.00         | -14.25         |
| 5240MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 6.00808G     | 3.00        | -46.16      |             |             |             | -46.16        | -43.16        | -27.00         | -16.16         |
| 5240MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.25935G     | 3.00        | -46.73      |             |             |             | -46.73        | -43.73        | -27.00         | -16.73         |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 4.9921G      | 3.00        | -58.20      |             |             |             | -58.20        | -55.20        | -41.20         | -14.00         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.53      |             |             |             | -56.53        | -53.53        | -41.20         | -12.33         |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.28243G     | 3.00        | -46.11      |             |             |             | -46.11        | -43.11        | -27.00         | -16.11         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.3388G      | 3.00        | -47.13      |             |             |             | -47.13        | -44.13        | -27.00         | -17.13         |
| 5745MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.6258G      | 3.00        | -39.72      |             |             |             | -39.72        | -36.72        | -27.00         | -9.72          |
| 5745MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.95208G     | 3.00        | -45.65      |             |             |             | -45.65        | -42.65        | -27.00         | -15.65         |
| 5745MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.04785G     | 3.00        | -46.92      |             |             |             | -46.92        | -43.92        | -27.00         | -16.92         |
| 5785MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 4.99194G     | 3.00        | -58.81      |             |             |             | -58.81        | -55.81        | -41.20         | -14.61         |
| 5785MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.72      |             |             |             | -56.72        | -53.72        | -41.20         | -12.52         |
| 5785MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.30595G     | 3.00        | -47.25      |             |             |             | -47.25        | -44.25        | -27.00         | -17.25         |
| 5785MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.32696G     | 3.00        | -47.65      |             |             |             | -47.65        | -44.65        | -27.00         | -17.65         |
| 5785MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.59008G     | 3.00        | -45.21      |             |             |             | -45.21        | -42.21        | -27.00         | -15.21         |
| 5785MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.95272G     | 3.00        | -46.56      |             |             |             | -46.56        | -43.56        | -27.00         | -16.56         |
| 5785MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.46539G     | 3.00        | -47.07      |             |             |             | -47.07        | -44.07        | -27.00         | -17.07         |
| 5825MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.1458G      | 3.00        | -58.73      |             |             |             | -58.73        | -55.73        | -41.20         | -14.53         |
| 5825MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.04      |             |             |             | -57.04        | -54.04        | -41.20         | -12.84         |
| 5825MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.27126G     | 3.00        | -47.16      |             |             |             | -47.16        | -44.16        | -27.00         | -17.16         |
| 5825MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.3228G      | 3.00        | -46.85      |             |             |             | -46.85        | -43.85        | -27.00         | -16.85         |
| 5825MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.62846G     | 3.00        | -45.34      |             |             |             | -45.34        | -42.34        | -27.00         | -15.34         |
| 5825MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.94568G     | 3.00        | -43.89      |             |             |             | -43.89        | -40.89        | -27.00         | -13.89         |
| 5825MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.03732G     | 3.00        | -47.33      |             |             |             | -47.33        | -44.33        | -27.00         | -17.33         |
| 802.11ax_HEW20_Nss1(MCS0)_1TX | -      | -               | -              | -    | -            | -           | -           | -           | -           | -           | -             | -             | -              | -              |
| 5180MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14887G     | 3.00        | -45.89      |             |             |             | -45.89        | -42.89        | -41.20         | -1.69          |
| 5180MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -54.05      |             |             |             | -54.05        | -51.05        | -41.20         | -9.85          |
| 5180MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.14974G     | 3.00        | -32.83      |             |             |             | -32.83        | -29.83        | -21.20         | -8.63          |
| 5180MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46104G     | 3.00        | -46.67      |             |             |             | -46.67        | -43.67        | -27.00         | -16.67         |
| 5180MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.56766G     | 3.00        | -44.75      |             |             |             | -44.75        | -41.75        | -27.00         | -14.75         |
| 5180MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.9524G      | 3.00        | -46.35      |             |             |             | -46.35        | -43.35        | -27.00         | -16.35         |
| 5180MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.4243G      | 3.00        | -47.20      |             |             |             | -47.20        | -44.20        | -27.00         | -17.20         |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14928G     | 3.00        | -55.24      |             |             |             | -55.24        | -52.24        | -41.20         | -11.04         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -54.60      |             |             |             | -54.60        | -51.60        | -41.20         | -10.40         |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.08076G     | 3.00        | -41.42      |             |             |             | -41.42        | -38.42        | -21.20         | -17.22         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46584G     | 3.00        | -47.20      |             |             |             | -47.20        | -44.20        | -27.00         | -17.20         |
| 5200MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.56804G     | 3.00        | -44.86      |             |             |             | -44.86        | -41.86        | -27.00         | -14.86         |
| 5200MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.93288G     | 3.00        | -46.74      |             |             |             | -46.74        | -43.74        | -27.00         | -16.74         |
| 5200MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.47176G     | 3.00        | -46.95      |             |             |             | -46.95        | -43.95        | -27.00         | -16.95         |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.05293G     | 3.00        | -56.47      |             |             |             | -56.47        | -53.47        | -41.20         | -12.27         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -53.05      |             |             |             | -53.05        | -50.05        | -41.20         | -8.85          |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.11981G     | 3.00        | -39.55      |             |             |             | -39.55        | -36.55        | -21.20         | -15.35         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46968G     | 3.00        | -46.85      |             |             |             | -46.85        | -43.85        | -27.00         | -16.85         |
| 5240MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.77134G     | 3.00        | -45.87      |             |             |             | -45.87        | -42.87        | -27.00         | -15.87         |
| 5240MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.95208G     | 3.00        | -46.40      |             |             |             | -46.40        | -43.40        | -27.00         | -16.40         |
| 5240MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.49675G     | 3.00        | -47.47      |             |             |             | -47.47        | -44.47        | -27.00         | -17.47         |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 4.99199G     | 3.00        | -58.37      |             |             |             | -58.37        | -55.37        | -41.20         | -14.17         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.52      |             |             |             | -56.52        | -53.52        | -41.20         | -12.32         |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.29883G     | 3.00        | -46.67      |             |             |             | -46.67        | -43.67        | -27.00         | -16.67         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46808G     | 3.00        | -47.20      |             |             |             | -47.20        | -44.20        | -27.00         | -17.20         |

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dB) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) | Psum<br>(dBm) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|--------------------------------|--------|-----------------|----------------|------|--------------|------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 5745MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.62618G     | 3.00       | -41.58      |             |             |             | -41.58        | -38.58        | -27.00         | -11.58         |
| 5745MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.95176G     | 3.00       | -44.95      |             |             |             | -44.95        | -41.95        | -27.00         | -14.95         |
| 5745MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.06249G     | 3.00       | -47.04      |             |             |             | -47.04        | -44.04        | -27.00         | -17.04         |
| 5785MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.12079G     | 3.00       | -58.15      |             |             |             | -58.15        | -55.15        | -41.20         | -13.95         |
| 5785MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37624G     | 3.00       | -56.03      |             |             |             | -56.03        | -53.03        | -41.20         | -11.83         |
| 5785MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.22247G     | 3.00       | -46.40      |             |             |             | -46.40        | -43.40        | -27.00         | -16.40         |
| 5785MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33464G     | 3.00       | -46.30      |             |             |             | -46.30        | -43.30        | -27.00         | -16.30         |
| 5785MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.584G       | 3.00       | -44.70      |             |             |             | -44.70        | -41.70        | -27.00         | -14.70         |
| 5785MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.95176G     | 3.00       | -44.56      |             |             |             | -44.56        | -41.56        | -27.00         | -14.56         |
| 5785MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.03824G     | 3.00       | -47.06      |             |             |             | -47.06        | -44.06        | -27.00         | -17.06         |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.13683G     | 3.00       | -58.83      |             |             |             | -58.83        | -55.83        | -41.20         | -14.63         |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.3756G      | 3.00       | -57.25      |             |             |             | -57.25        | -54.25        | -41.20         | -13.05         |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.29017G     | 3.00       | -47.48      |             |             |             | -47.48        | -44.48        | -27.00         | -17.48         |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33912G     | 3.00       | -47.60      |             |             |             | -47.60        | -44.60        | -27.00         | -17.60         |
| 5825MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.62694G     | 3.00       | -45.59      |             |             |             | -45.59        | -42.59        | -27.00         | -15.59         |
| 5825MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.94568G     | 3.00       | -44.82      |             |             |             | -44.82        | -41.82        | -27.00         | -14.82         |
| 5825MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.44843G     | 3.00       | -47.41      |             |             |             | -47.41        | -44.41        | -27.00         | -17.41         |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5190MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14995G     | 3.00       | -44.98      |             |             |             | -44.98        | -41.98        | -41.20         | -0.78          |
| 5190MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -53.93      |             |             |             | -53.93        | -50.93        | -41.20         | -9.73          |
| 5190MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14585G     | 3.00       | -32.50      |             |             |             | -32.50        | -29.50        | -21.20         | -8.30          |
| 5190MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.47G        | 3.00       | -46.22      |             |             |             | -46.22        | -43.22        | -27.00         | -16.22         |
| 5190MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.56766G     | 3.00       | -44.88      |             |             |             | -44.88        | -41.88        | -27.00         | -14.88         |
| 5190MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.99432G     | 3.00       | -46.32      |             |             |             | -46.32        | -43.32        | -27.00         | -16.32         |
| 5190MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.442G       | 3.00       | -45.85      |             |             |             | -45.85        | -42.85        | -27.00         | -15.85         |
| 5230MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14969G     | 3.00       | -52.06      |             |             |             | -52.06        | -49.06        | -41.20         | -7.86          |
| 5230MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -53.67      |             |             |             | -53.67        | -50.67        | -41.20         | -9.47          |
| 5230MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.11136G     | 3.00       | -35.19      |             |             |             | -35.19        | -32.19        | -21.20         | -10.99         |
| 5230MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.35096G     | 3.00       | -35.25      |             |             |             | -35.25        | -32.25        | -21.20         | -11.05         |
| 5230MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.56804G     | 3.00       | -45.36      |             |             |             | -45.36        | -42.36        | -27.00         | -15.36         |
| 5230MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.8516G      | 3.00       | -46.70      |             |             |             | -46.70        | -43.70        | -27.00         | -16.70         |
| 5230MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.09189G     | 3.00       | -47.40      |             |             |             | -47.40        | -44.40        | -27.00         | -17.40         |
| 5755MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 4.99179G     | 3.00       | -58.07      |             |             |             | -58.07        | -55.07        | -41.20         | -13.87         |
| 5755MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.32      |             |             |             | -56.32        | -53.32        | -41.20         | -12.12         |
| 5755MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.26136G     | 3.00       | -46.79      |             |             |             | -46.79        | -43.79        | -27.00         | -16.79         |
| 5755MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.32056G     | 3.00       | -47.15      |             |             |             | -47.15        | -44.15        | -27.00         | -17.15         |
| 5755MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.63568G     | 3.00       | -33.74      |             |             |             | -33.74        | -30.74        | -27.00         | -3.74          |
| 5755MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.95144G     | 3.00       | -44.59      |             |             |             | -44.59        | -41.59        | -27.00         | -14.59         |
| 5755MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.10776G     | 3.00       | -47.02      |             |             |             | -47.02        | -44.02        | -27.00         | -17.02         |
| 5795MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14918G     | 3.00       | -58.43      |             |             |             | -58.43        | -55.43        | -41.20         | -14.23         |
| 5795MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -57.80      |             |             |             | -57.80        | -54.80        | -41.20         | -13.60         |
| 5795MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.27966G     | 3.00       | -47.67      |             |             |             | -47.67        | -44.67        | -27.00         | -17.67         |
| 5795MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.31288G     | 3.00       | -47.87      |             |             |             | -47.87        | -44.87        | -27.00         | -17.87         |
| 5795MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.60452G     | 3.00       | -45.46      |             |             |             | -45.46        | -42.46        | -27.00         | -15.46         |
| 5795MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.91752G     | 3.00       | -38.85      |             |             |             | -38.85        | -35.85        | -21.46         | -14.39         |
| 5795MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01576G     | 3.00       | -47.40      |             |             |             | -47.40        | -44.40        | -27.00         | -17.40         |
| 802.11ax HEW80_Nss1,(MCS0)_1TX | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5210MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14949G     | 3.00       | -44.87      |             |             |             | -44.87        | -41.87        | -41.20         | -0.67          |
| 5210MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -54.55      |             |             |             | -54.55        | -51.55        | -41.20         | -10.35         |
| 5210MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14764G     | 3.00       | -32.41      |             |             |             | -32.41        | -29.41        | -21.20         | -8.21          |
| 5210MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46296G     | 3.00       | -46.38      |             |             |             | -46.38        | -43.38        | -27.00         | -16.38         |
| 5210MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.5954G      | 3.00       | -45.69      |             |             |             | -45.69        | -42.69        | -27.00         | -15.69         |
| 5210MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.98664G     | 3.00       | -46.76      |             |             |             | -46.76        | -43.76        | -27.00         | -16.76         |
| 5210MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.41076G     | 3.00       | -45.65      |             |             |             | -45.65        | -42.65        | -27.00         | -15.65         |
| 5775MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.13642G     | 3.00       | -58.44      |             |             |             | -58.44        | -55.44        | -41.20         | -14.24         |
| 5775MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.48      |             |             |             | -56.48        | -53.48        | -41.20         | -12.28         |
| 5775MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.25834G     | 3.00       | -46.68      |             |             |             | -46.68        | -43.68        | -27.00         | -16.68         |
| 5775MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46872G     | 3.00       | -47.28      |             |             |             | -47.28        | -44.28        | -27.00         | -17.28         |
| 5775MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.64784G     | 3.00       | -33.63      |             |             |             | -33.63        | -30.63        | -27.00         | -3.63          |
| 5775MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.92872G     | 3.00       | -37.21      |             |             |             | -37.21        | -34.21        | -27.00         | -7.21          |
| 5775MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.38816G     | 3.00       | -46.93      |             |             |             | -46.93        | -43.93        | -27.00         | -16.93         |
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5180MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14851G     | 3.00       | -57.38      | -56.15      |             |             | -53.71        | -50.71        | -41.20         | -9.51          |
| 5180MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -57.30      | -56.32      |             |             | -53.77        | -50.77        | -41.20         | -9.57          |
| 5180MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.1481G      | 3.00       | -50.97      | -44.85      |             |             | -43.90        | -40.90        | -21.20         | -19.70         |
| 5180MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46968G     | 3.00       | -48.64      | -47.75      |             |             | -45.16        | -42.16        | -27.00         | -15.16         |
| 5180MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.48406G     | 3.00       | -46.89      | -48.22      |             |             | -44.49        | -41.49        | -27.00         | -14.49         |
| 5180MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.96392G     | 3.00       | -49.99      | -46.84      |             |             | -45.13        | -42.13        | -27.00         | -15.13         |
| 5180MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.48928G     | 3.00       | -50.02      | -46.77      |             |             | -45.09        | -42.09        | -27.00         | -15.09         |
| 5200MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.1481G      | 3.00       | -58.02      | -57.72      |             |             | -54.86        | -51.86        | -41.20         | -10.66         |



## CSE\_Iron R1\_Antenna set 3 (Bandedge) P to M\_P to P

## Appendix E.4

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dB) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) | Psum<br>(dBm) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|-------------------------------|--------|-----------------|----------------|------|--------------|------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -55.08      | -57.64      |             |             | -53.16        | -50.16        | -41.20         | -8.96          |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.08061G     | 3.00       | -44.42      | -50.72      |             |             | -43.51        | -40.51        | -21.20         | -19.31         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46008G     | 3.00       | -47.48      | -48.89      |             |             | -45.12        | -42.12        | -27.00         | -15.12         |
| 5200MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.56804G     | 3.00       | -45.75      | -48.13      |             |             | -43.77        | -40.77        | -27.00         | -13.77         |
| 5200MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.9764G      | 3.00       | -47.26      | -49.62      |             |             | -45.27        | -42.27        | -27.00         | -15.27         |
| 5200MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.44255G     | 3.00       | -50.07      | -47.35      |             |             | -45.49        | -42.49        | -27.00         | -15.49         |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.13924G     | 3.00       | -58.83      | -58.20      |             |             | -55.49        | -52.49        | -41.20         | -11.29         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.26      | -58.14      |             |             | -54.09        | -51.09        | -41.20         | -9.89          |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.11976G     | 3.00       | -44.70      | -51.39      |             |             | -43.86        | -40.86        | -21.20         | -19.66         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46424G     | 3.00       | -49.27      | -47.35      |             |             | -45.19        | -42.19        | -27.00         | -15.19         |
| 5240MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.83708G     | 3.00       | -47.01      | -49.07      |             |             | -44.91        | -41.91        | -27.00         | -14.91         |
| 5240MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.89576G     | 3.00       | -49.74      | -47.16      |             |             | -45.25        | -42.25        | -27.00         | -15.25         |
| 5240MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.44586G     | 3.00       | -49.71      | -47.76      |             |             | -45.62        | -42.62        | -27.00         | -15.62         |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14687G     | 3.00       | -59.33      | -58.79      |             |             | -56.04        | -53.04        | -41.20         | -11.84         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -55.82      | -57.83      |             |             | -53.70        | -50.70        | -41.20         | -9.50          |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.27653G     | 3.00       | -50.10      | -45.50      |             |             | -44.21        | -41.21        | -27.00         | -14.21         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46072G     | 3.00       | -49.45      | -46.17      |             |             | -44.50        | -41.50        | -27.00         | -14.50         |
| 5745MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.62542G     | 3.00       | -41.80      | -46.79      |             |             | -40.60        | -37.60        | -27.00         | -10.60         |
| 5745MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.94216G     | 3.00       | -47.80      | -44.67      |             |             | -42.95        | -39.95        | -27.00         | -12.95         |
| 5745MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.01864G     | 3.00       | -48.93      | -46.93      |             |             | -44.81        | -41.81        | -27.00         | -14.81         |
| 5785MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14098G     | 3.00       | -59.67      | -58.53      |             |             | -56.05        | -53.05        | -41.20         | -11.85         |
| 5785MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.58      | -57.26      |             |             | -53.90        | -50.90        | -41.20         | -9.70          |
| 5785MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.26844G     | 3.00       | -48.62      | -45.90      |             |             | -44.04        | -41.04        | -27.00         | -14.04         |
| 5785MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.31704G     | 3.00       | -47.61      | -46.77      |             |             | -44.16        | -41.16        | -27.00         | -14.16         |
| 5785MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.59008G     | 3.00       | -45.59      | -43.86      |             |             | -41.63        | -38.63        | -27.00         | -11.63         |
| 5785MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.95208G     | 3.00       | -45.35      | -47.15      |             |             | -43.15        | -40.15        | -27.00         | -13.15         |
| 5785MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.01802G     | 3.00       | -49.41      | -47.65      |             |             | -45.43        | -42.43        | -27.00         | -15.43         |
| 5825MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14744G     | 3.00       | -59.70      | -58.16      |             |             | -55.85        | -52.85        | -41.20         | -11.65         |
| 5825MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.3756G      | 3.00       | -57.78      | -56.65      |             |             | -54.17        | -51.17        | -41.20         | -9.97          |
| 5825MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.29232G     | 3.00       | -48.76      | -46.44      |             |             | -44.44        | -41.44        | -27.00         | -14.44         |
| 5825MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.3468G      | 3.00       | -49.34      | -45.93      |             |             | -44.30        | -41.30        | -27.00         | -14.30         |
| 5825MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.63872G     | 3.00       | -46.93      | -43.45      |             |             | -41.84        | -38.84        | -27.00         | -11.84         |
| 5825MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.94504G     | 3.00       | -45.12      | -46.97      |             |             | -42.94        | -39.94        | -27.00         | -12.94         |
| 5825MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.02237G     | 3.00       | -49.03      | -46.51      |             |             | -44.58        | -41.58        | -27.00         | -14.58         |
| 802.11ax HEW20_Nss1(MCS0)_2TX | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5180MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14979G     | 3.00       | -55.49      | -56.31      |             |             | -52.87        | -49.87        | -41.20         | -8.67          |
| 5180MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -55.35      | -57.16      |             |             | -53.15        | -50.15        | -41.20         | -8.95          |
| 5180MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.14718G     | 3.00       | -47.55      | -45.95      |             |             | -43.67        | -40.67        | -21.20         | -19.47         |
| 5180MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46712G     | 3.00       | -47.51      | -47.05      |             |             | -44.26        | -41.26        | -27.00         | -14.26         |
| 5180MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.72916G     | 3.00       | -46.38      | -49.05      |             |             | -44.50        | -41.50        | -27.00         | -14.50         |
| 5180MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.95144G     | 3.00       | -47.72      | -48.40      |             |             | -45.04        | -42.04        | -27.00         | -15.04         |
| 5180MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.18328G     | 3.00       | -48.86      | -48.39      |             |             | -45.61        | -42.61        | -27.00         | -15.61         |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.14902G     | 3.00       | -58.76      | -57.81      |             |             | -55.25        | -52.25        | -41.20         | -11.05         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.3756G      | 3.00       | -56.22      | -57.80      |             |             | -53.93        | -50.93        | -41.20         | -9.73          |
| 5200MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.13391G     | 3.00       | -46.07      | -51.89      |             |             | -45.06        | -42.06        | -21.20         | -20.86         |
| 5200MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46848G     | 3.00       | -47.40      | -49.53      |             |             | -45.33        | -42.33        | -27.00         | -15.33         |
| 5200MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.60604G     | 3.00       | -47.33      | -47.76      |             |             | -44.53        | -41.53        | -27.00         | -14.53         |
| 5200MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.87784G     | 3.00       | -48.06      | -48.12      |             |             | -45.08        | -42.08        | -27.00         | -15.08         |
| 5200MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.49492G     | 3.00       | -47.32      | -50.22      |             |             | -45.52        | -42.52        | -27.00         | -15.52         |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.03879G     | 3.00       | -58.50      | -58.60      |             |             | -55.54        | -52.54        | -41.20         | -11.34         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.4348G      | 3.00       | -57.82      | -56.66      |             |             | -54.19        | -51.19        | -41.20         | -9.99          |
| 5240MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.04555G     | 3.00       | -48.19      | -49.29      |             |             | -45.69        | -42.69        | -21.20         | -21.49         |
| 5240MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.46872G     | 3.00       | -49.37      | -47.07      |             |             | -45.06        | -42.06        | -27.00         | -15.06         |
| 5240MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.68128G     | 3.00       | -49.12      | -46.55      |             |             | -44.64        | -41.64        | -27.00         | -14.64         |
| 5240MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 6.0036G      | 3.00       | -46.52      | -49.78      |             |             | -44.84        | -41.84        | -27.00         | -14.84         |
| 5240MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.26554G     | 3.00       | -48.62      | -47.49      |             |             | -45.01        | -42.01        | -27.00         | -15.01         |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.142G       | 3.00       | -60.07      | -58.18      |             |             | -56.01        | -53.01        | -41.20         | -11.81         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.86      | -56.68      |             |             | -53.76        | -50.76        | -41.20         | -9.56          |
| 5745MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.27428G     | 3.00       | -46.06      | -49.02      |             |             | -44.28        | -41.28        | -27.00         | -14.28         |
| 5745MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.33624G     | 3.00       | -48.23      | -46.27      |             |             | -44.13        | -41.13        | -27.00         | -14.13         |
| 5745MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.62542G     | 3.00       | -41.24      | -46.86      |             |             | -40.19        | -37.19        | -27.00         | -10.19         |
| 5745MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.93352G     | 3.00       | -46.82      | -46.02      |             |             | -43.39        | -40.39        | -27.00         | -13.39         |
| 5745MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.44549G     | 3.00       | -47.44      | -47.85      |             |             | -44.63        | -41.63        | -27.00         | -14.63         |
| 5785MHz                       | Pass   | 4.9G            | 5.31G          | AV   | 5.13324G     | 3.00       | -58.79      | -58.95      |             |             | -55.86        | -52.86        | -41.20         | -11.66         |
| 5785MHz                       | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.52      | -57.26      |             |             | -53.86        | -50.86        | -41.20         | -9.66          |
| 5785MHz                       | Pass   | 4.9G            | 5.31G          | PK   | 5.2691G      | 3.00       | -47.98      | -46.50      |             |             | -44.17        | -41.17        | -27.00         | -14.17         |
| 5785MHz                       | Pass   | 5.31G           | 5.47G          | PK   | 5.4668G      | 3.00       | -49.49      | -45.76      |             |             | -44.23        | -41.23        | -27.00         | -14.23         |
| 5785MHz                       | Pass   | 5.47G           | 5.85G          | PK   | 5.58894G     | 3.00       | -45.15      | -44.23      |             |             | -41.66        | -38.66        | -27.00         | -11.66         |
| 5785MHz                       | Pass   | 5.85G           | 6.01G          | PK   | 5.92744G     | 3.00       | -45.90      | -47.31      |             |             | -43.54        | -40.54        | -27.00         | -13.54         |
| 5785MHz                       | Pass   | 6.01G           | 6.5G           | PK   | 6.01386G     | 3.00       | -47.80      | -48.84      |             |             | -45.28        | -42.28        | -27.00         | -15.28         |

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dB) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) | Psum<br>(dBm) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|--------------------------------|--------|-----------------|----------------|------|--------------|------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.1479G      | 3.00       | -58.75      | -58.92      |             |             | -55.82        | -52.82        | -41.20         | -11.62         |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.38      | -57.51      |             |             | -53.90        | -50.90        | -41.20         | -9.70          |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.27946G     | 3.00       | -47.87      | -47.04      |             |             | -44.42        | -41.42        | -27.00         | -14.42         |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46872G     | 3.00       | -48.97      | -46.11      |             |             | -44.30        | -41.30        | -27.00         | -14.30         |
| 5825MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.63074G     | 3.00       | -46.31      | -44.17      |             |             | -42.10        | -39.10        | -27.00         | -12.10         |
| 5825MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.94504G     | 3.00       | -43.01      | -47.18      |             |             | -41.60        | -38.60        | -27.00         | -11.60         |
| 5825MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.02115G     | 3.00       | -49.86      | -44.92      |             |             | -43.71        | -40.71        | -27.00         | -13.71         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5190MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14877G     | 3.00       | -52.79      | -49.95      |             |             | -48.13        | -45.13        | -41.20         | -3.93          |
| 5190MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.92      | -56.61      |             |             | -53.75        | -50.75        | -41.20         | -9.55          |
| 5190MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14805G     | 3.00       | -44.39      | -39.16      |             |             | -38.02        | -35.02        | -21.20         | -13.82         |
| 5190MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46808G     | 3.00       | -50.02      | -46.73      |             |             | -45.06        | -42.06        | -27.00         | -15.06         |
| 5190MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.62542G     | 3.00       | -47.88      | -47.60      |             |             | -44.73        | -41.73        | -27.00         | -14.73         |
| 5190MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.90408G     | 3.00       | -49.55      | -47.23      |             |             | -45.23        | -42.23        | -27.00         | -15.23         |
| 5190MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.43514G     | 3.00       | -49.70      | -47.26      |             |             | -45.30        | -42.30        | -27.00         | -15.30         |
| 5230MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.12765G     | 3.00       | -59.08      | -57.38      |             |             | -55.14        | -52.14        | -41.20         | -10.94         |
| 5230MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.82      | -57.32      |             |             | -54.05        | -51.05        | -41.20         | -9.85          |
| 5230MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.10895G     | 3.00       | -40.56      | -50.31      |             |             | -40.12        | -37.12        | -21.20         | -15.92         |
| 5230MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46936G     | 3.00       | -49.50      | -46.82      |             |             | -44.95        | -41.95        | -27.00         | -14.95         |
| 5230MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.56766G     | 3.00       | -47.97      | -46.90      |             |             | -44.39        | -41.39        | -27.00         | -14.39         |
| 5230MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.88648G     | 3.00       | -48.05      | -48.57      |             |             | -45.29        | -42.29        | -27.00         | -15.29         |
| 5230MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.47201G     | 3.00       | -49.73      | -47.09      |             |             | -45.20        | -42.20        | -27.00         | -15.20         |
| 5755MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.10761G     | 3.00       | -59.46      | -58.94      |             |             | -56.18        | -53.18        | -41.20         | -11.98         |
| 5755MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37624G     | 3.00       | -57.01      | -56.51      |             |             | -53.74        | -50.74        | -41.20         | -9.54          |
| 5755MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.28909G     | 3.00       | -50.17      | -45.65      |             |             | -44.34        | -41.34        | -27.00         | -14.34         |
| 5755MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.3148G      | 3.00       | -49.46      | -46.07      |             |             | -44.43        | -41.43        | -27.00         | -14.43         |
| 5755MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.63454G     | 3.00       | -33.75      | -44.06      |             |             | -33.36        | -30.36        | -27.00         | -3.36          |
| 5755MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.95176G     | 3.00       | -46.26      | -45.92      |             |             | -43.08        | -40.08        | -27.00         | -13.08         |
| 5755MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.1649G      | 3.00       | -50.02      | -46.95      |             |             | -45.21        | -42.21        | -27.00         | -15.21         |
| 5795MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 4.99179G     | 3.00       | -58.25      | -59.79      |             |             | -55.94        | -52.94        | -41.20         | -11.74         |
| 5795MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -56.59      | -56.87      |             |             | -53.72        | -50.72        | -41.20         | -9.52          |
| 5795MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.28663G     | 3.00       | -51.68      | -45.95      |             |             | -44.92        | -41.92        | -27.00         | -14.92         |
| 5795MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33048G     | 3.00       | -48.17      | -46.05      |             |             | -43.97        | -40.97        | -27.00         | -13.97         |
| 5795MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.62048G     | 3.00       | -46.84      | -42.51      |             |             | -41.15        | -38.15        | -27.00         | -11.15         |
| 5795MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.92648G     | 3.00       | -45.35      | -43.40      |             |             | -41.26        | -38.26        | -27.00         | -11.26         |
| 5795MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01802G     | 3.00       | -48.99      | -47.48      |             |             | -45.16        | -42.16        | -27.00         | -15.16         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5210MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14733G     | 3.00       | -52.00      | -49.67      |             |             | -47.67        | -44.67        | -41.20         | -3.47          |
| 5210MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -55.28      | -56.16      |             |             | -52.69        | -49.69        | -41.20         | -8.49          |
| 5210MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14118G     | 3.00       | -45.92      | -36.74      |             |             | -36.24        | -33.24        | -21.20         | -12.04         |
| 5210MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.4604G      | 3.00       | -48.25      | -47.24      |             |             | -44.71        | -41.71        | -27.00         | -14.71         |
| 5210MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.6505G      | 3.00       | -48.09      | -45.84      |             |             | -43.81        | -40.81        | -27.00         | -13.81         |
| 5210MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.9412G      | 3.00       | -46.72      | -50.23      |             |             | -45.12        | -42.12        | -27.00         | -15.12         |
| 5210MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.38295G     | 3.00       | -47.81      | -48.63      |             |             | -45.19        | -42.19        | -27.00         | -15.19         |
| 5775MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.12524G     | 3.00       | -58.52      | -59.29      |             |             | -55.88        | -52.88        | -41.20         | -11.68         |
| 5775MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37624G     | 3.00       | -57.51      | -55.84      |             |             | -53.58        | -50.58        | -41.20         | -9.38          |
| 5775MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.21965G     | 3.00       | -48.19      | -46.48      |             |             | -44.24        | -41.24        | -27.00         | -14.24         |
| 5775MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46264G     | 3.00       | -49.35      | -45.11      |             |             | -43.72        | -40.72        | -27.00         | -13.72         |
| 5775MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.64936G     | 3.00       | -42.51      | -30.95      |             |             | -30.66        | -27.66        | -27.00         | -0.66          |
| 5775MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.93G        | 3.00       | -43.36      | -37.70      |             |             | -36.66        | -33.66        | -27.00         | -6.66          |
| 5775MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.02005G     | 3.00       | -49.16      | -46.15      |             |             | -44.39        | -41.39        | -27.00         | -14.39         |
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -               | -              | -    | -            | -          | -           | -           | -           | -           | -             | -             | -              | -              |
| 5180MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14908G     | 3.00       | -58.32      | -57.25      | -57.81      | -58.98      | -52.02        | -49.02        | -41.20         | -7.82          |
| 5180MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -57.31      | -57.64      | -57.45      | -56.21      | -51.09        | -48.09        | -41.20         | -6.89          |
| 5180MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14933G     | 3.00       | -52.94      | -48.09      | -48.02      | -48.51      | -42.97        | -39.97        | -21.20         | -18.77         |
| 5180MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46744G     | 3.00       | -49.64      | -48.64      | -47.48      | -49.28      | -42.66        | -39.66        | -27.00         | -12.66         |
| 5180MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.51408G     | 3.00       | -48.14      | -50.17      | -49.45      | -46.48      | -42.31        | -39.31        | -27.00         | -12.31         |
| 5180MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.91048G     | 3.00       | -48.22      | -49.76      | -49.31      | -48.10      | -42.77        | -39.77        | -27.00         | -12.77         |
| 5180MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.40672G     | 3.00       | -50.76      | -48.29      | -47.37      | -49.28      | -42.73        | -39.73        | -27.00         | -12.73         |
| 5200MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14421G     | 3.00       | -59.79      | -58.34      | -59.12      | -57.91      | -52.71        | -49.71        | -41.20         | -8.51          |
| 5200MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00       | -57.52      | -57.89      | -58.52      | -56.11      | -51.40        | -48.40        | -41.20         | -7.20          |
| 5200MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14764G     | 3.00       | -52.10      | -49.63      | -48.45      | -48.23      | -43.34        | -40.34        | -21.20         | -19.14         |
| 5200MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46264G     | 3.00       | -49.30      | -48.52      | -47.11      | -49.56      | -42.49        | -39.49        | -27.00         | -12.49         |
| 5200MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.63872G     | 3.00       | -49.46      | -47.57      | -47.85      | -47.93      | -42.12        | -39.12        | -27.00         | -12.12         |
| 5200MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.858G       | 3.00       | -48.83      | -47.51      | -50.45      | -48.76      | -42.74        | -39.74        | -27.00         | -12.74         |
| 5200MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.488G       | 3.00       | -49.69      | -49.18      | -49.46      | -47.84      | -42.96        | -39.96        | -27.00         | -12.96         |
| 5240MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.146G       | 3.00       | -59.24      | -57.99      | -57.89      | -59.26      | -52.53        | -49.53        | -41.20         | -8.33          |
| 5240MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.3756G      | 3.00       | -56.52      | -58.21      | -58.39      | -57.75      | -51.63        | -48.63        | -41.20         | -7.43          |
| 5240MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.1195G      | 3.00       | -44.84      | -50.36      | -51.36      | -52.51      | -42.60        | -39.60        | -21.20         | -18.40         |
| 5240MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.47G        | 3.00       | -48.32      | -48.85      | -49.26      | -49.09      | -42.84        | -39.84        | -27.00         | -12.84         |



# CSE\_Iron R1\_Antenna set 3 (Bandedge) P to M\_P to P

# Appendix E.4

| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dBi) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) | Psum<br>(dBm) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|--------------------------------|--------|-----------------|----------------|------|--------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 5240MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.56728G     | 3.00        | -48.70      | -47.27      | -48.89      | -47.46      | -42.00        | -39.00        | -27.00         | -12.00         |
| 5240MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.92232G     | 3.00        | -48.82      | -48.54      | -48.48      | -49.28      | -42.75        | -39.75        | -27.00         | -12.75         |
| 5240MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.49504G     | 3.00        | -50.44      | -49.20      | -47.52      | -48.52      | -42.77        | -39.77        | -27.00         | -12.77         |
| 5745MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14826G     | 3.00        | -59.64      | -59.26      | -57.83      | -60.42      | -53.16        | -50.16        | -41.20         | -8.96          |
| 5745MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.88      | -57.27      | -56.36      | -55.65      | -50.48        | -47.48        | -41.20         | -6.28          |
| 5745MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.275G       | 3.00        | -51.33      | -49.00      | -44.73      | -50.72      | -42.07        | -39.07        | -27.00         | -12.07         |
| 5745MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33048G     | 3.00        | -48.78      | -47.79      | -45.43      | -48.98      | -41.48        | -38.48        | -27.00         | -11.48         |
| 5745MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.64632G     | 3.00        | -46.11      | -42.82      | -41.63      | -45.15      | -37.55        | -34.55        | -27.00         | -7.55          |
| 5745MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.93288G     | 3.00        | -47.50      | -45.77      | -44.50      | -47.89      | -40.18        | -37.18        | -27.00         | -10.18         |
| 5745MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01741G     | 3.00        | -48.31      | -50.21      | -46.78      | -51.59      | -42.82        | -39.82        | -27.00         | -12.82         |
| 5785MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14047G     | 3.00        | -58.22      | -59.39      | -58.84      | -61.35      | -53.28        | -50.28        | -41.20         | -9.08          |
| 5785MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.04      | -57.44      | -55.51      | -55.73      | -50.33        | -47.33        | -41.20         | -6.13          |
| 5785MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.23246G     | 3.00        | -48.39      | -49.80      | -47.85      | -48.39      | -42.53        | -39.53        | -27.00         | -12.53         |
| 5785MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33176G     | 3.00        | -49.85      | -48.60      | -43.91      | -49.10      | -41.13        | -38.13        | -27.00         | -11.13         |
| 5785MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.5897G      | 3.00        | -46.43      | -43.03      | -45.34      | -48.28      | -39.33        | -36.33        | -27.00         | -9.33          |
| 5785MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.97128G     | 3.00        | -45.71      | -47.59      | -45.12      | -47.49      | -40.32        | -37.32        | -27.00         | -10.32         |
| 5785MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.35073G     | 3.00        | -51.50      | -48.25      | -49.62      | -47.46      | -42.93        | -39.93        | -27.00         | -12.93         |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 4.99179G     | 3.00        | -59.25      | -59.06      | -60.25      | -58.39      | -53.17        | -50.17        | -41.20         | -8.97          |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.83      | -57.41      | -57.08      | -55.53      | -50.63        | -47.63        | -41.20         | -6.43          |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.29652G     | 3.00        | -49.73      | -48.97      | -48.69      | -46.87      | -42.41        | -39.41        | -27.00         | -12.41         |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33496G     | 3.00        | -49.82      | -47.46      | -44.85      | -49.22      | -41.36        | -38.36        | -27.00         | -11.36         |
| 5825MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.63416G     | 3.00        | -45.42      | -46.23      | -45.83      | -47.16      | -40.09        | -37.09        | -27.00         | -10.09         |
| 5825MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.92456G     | 3.00        | -45.80      | -43.71      | -41.59      | -46.72      | -37.97        | -34.97        | -26.67         | -8.30          |
| 5825MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01343G     | 3.00        | -48.17      | -47.37      | -46.67      | -48.32      | -41.56        | -38.56        | -27.00         | -11.56         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -               | -              | -    | -            | -           | -           | -           | -           | -           | -             | -             | -              | -              |
| 5180MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14708G     | 3.00        | -59.90      | -57.81      | -57.89      | -58.37      | -52.40        | -49.40        | -41.20         | -8.20          |
| 5180MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.59      | -57.95      | -58.01      | -56.83      | -51.55        | -48.55        | -41.20         | -7.35          |
| 5180MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14841G     | 3.00        | -52.67      | -47.41      | -46.24      | -50.51      | -42.50        | -39.50        | -21.20         | -18.30         |
| 5180MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46616G     | 3.00        | -50.48      | -47.61      | -49.27      | -49.69      | -43.11        | -40.11        | -27.00         | -13.11         |
| 5180MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.51484G     | 3.00        | -48.88      | -48.17      | -48.18      | -48.47      | -42.39        | -39.39        | -27.00         | -12.39         |
| 5180MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.9044G      | 3.00        | -50.44      | -48.19      | -48.35      | -49.47      | -43.00        | -40.00        | -27.00         | -13.00         |
| 5180MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.40531G     | 3.00        | -47.89      | -48.81      | -51.85      | -50.36      | -43.45        | -40.45        | -27.00         | -13.45         |
| 5200MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14708G     | 3.00        | -61.09      | -59.59      | -58.37      | -59.40      | -53.49        | -50.49        | -41.20         | -9.29          |
| 5200MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.94      | -58.66      | -59.15      | -56.80      | -52.02        | -49.02        | -41.20         | -7.82          |
| 5200MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.09829G     | 3.00        | -50.37      | -48.76      | -48.89      | -50.84      | -43.60        | -40.60        | -21.20         | -19.40         |
| 5200MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.4604G      | 3.00        | -49.68      | -48.04      | -49.49      | -48.54      | -42.86        | -39.86        | -27.00         | -12.86         |
| 5200MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.63644G     | 3.00        | -49.46      | -48.05      | -47.07      | -49.59      | -42.39        | -39.39        | -27.00         | -12.39         |
| 5200MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.98376G     | 3.00        | -48.62      | -49.58      | -50.55      | -47.94      | -43.04        | -40.04        | -27.00         | -13.04         |
| 5200MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.48126G     | 3.00        | -49.46      | -46.94      | -50.27      | -52.19      | -43.28        | -40.28        | -27.00         | -13.28         |
| 5240MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14605G     | 3.00        | -59.24      | -58.62      | -60.07      | -59.23      | -53.24        | -50.24        | -41.20         | -9.04          |
| 5240MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.3756G      | 3.00        | -57.08      | -58.06      | -59.07      | -58.14      | -52.01        | -49.01        | -41.20         | -7.81          |
| 5240MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.04273G     | 3.00        | -49.69      | -52.29      | -47.58      | -50.95      | -43.75        | -40.75        | -21.20         | -19.55         |
| 5240MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46776G     | 3.00        | -49.11      | -47.86      | -49.09      | -49.48      | -42.82        | -39.82        | -27.00         | -12.82         |
| 5240MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.65962G     | 3.00        | -49.51      | -49.23      | -50.09      | -46.14      | -42.42        | -39.42        | -27.00         | -12.42         |
| 5240MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.96456G     | 3.00        | -48.54      | -48.99      | -49.43      | -48.11      | -42.72        | -39.72        | -27.00         | -12.72         |
| 5240MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.47281G     | 3.00        | -49.76      | -48.70      | -50.42      | -49.57      | -43.55        | -40.55        | -27.00         | -13.55         |
| 5745MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14149G     | 3.00        | -59.34      | -59.46      | -58.78      | -60.08      | -53.37        | -50.37        | -41.20         | -9.17          |
| 5745MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.50      | -57.61      | -56.35      | -56.40      | -50.66        | -47.66        | -41.20         | -6.46          |
| 5745MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.24548G     | 3.00        | -51.77      | -47.82      | -46.46      | -48.78      | -42.29        | -39.29        | -27.00         | -12.29         |
| 5745MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.31608G     | 3.00        | -48.99      | -47.61      | -44.62      | -49.78      | -41.25        | -38.25        | -27.00         | -11.25         |
| 5745MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.64366G     | 3.00        | -45.12      | -43.51      | -43.68      | -40.81      | -36.96        | -33.96        | -27.00         | -6.96          |
| 5745MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.93128G     | 3.00        | -46.50      | -47.07      | -44.57      | -47.75      | -40.28        | -37.28        | -27.00         | -10.28         |
| 5745MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.02243G     | 3.00        | -50.72      | -49.90      | -45.38      | -51.02      | -42.55        | -39.55        | -27.00         | -12.55         |
| 5785MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14928G     | 3.00        | -59.20      | -58.97      | -59.02      | -59.74      | -53.20        | -50.20        | -41.20         | -9.00          |
| 5785MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.95      | -56.52      | -56.96      | -55.60      | -50.45        | -47.45        | -41.20         | -6.25          |
| 5785MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.30641G     | 3.00        | -50.97      | -46.29      | -47.35      | -50.04      | -42.23        | -39.23        | -27.00         | -12.23         |
| 5785MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.33848G     | 3.00        | -48.47      | -45.39      | -47.08      | -48.57      | -41.16        | -38.16        | -27.00         | -11.16         |
| 5785MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.60148G     | 3.00        | -46.07      | -44.71      | -44.51      | -47.96      | -39.59        | -36.59        | -27.00         | -9.59          |
| 5785MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.97032G     | 3.00        | -48.91      | -44.30      | -44.88      | -48.42      | -40.14        | -37.14        | -27.00         | -10.14         |
| 5785MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.02672G     | 3.00        | -50.63      | -45.16      | -49.92      | -50.91      | -42.41        | -39.41        | -27.00         | -12.41         |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.1459G      | 3.00        | -59.50      | -59.74      | -58.05      | -59.32      | -53.08        | -50.08        | -41.20         | -8.88          |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.95      | -57.29      | -55.79      | -55.35      | -50.45        | -47.45        | -41.20         | -6.25          |
| 5825MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.29575G     | 3.00        | -50.34      | -46.01      | -48.45      | -50.08      | -42.33        | -39.33        | -27.00         | -12.33         |
| 5825MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.32536G     | 3.00        | -48.71      | -47.68      | -44.22      | -48.81      | -40.89        | -37.89        | -27.00         | -10.89         |
| 5825MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.6353G      | 3.00        | -46.50      | -44.87      | -47.11      | -46.88      | -40.23        | -37.23        | -27.00         | -10.23         |
| 5825MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.9268G      | 3.00        | -46.29      | -43.26      | -43.79      | -47.49      | -38.85        | -35.85        | -27.00         | -8.85          |
| 5825MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01606G     | 3.00        | -50.85      | -47.10      | -45.60      | -48.49      | -41.59        | -38.59        | -27.00         | -11.59         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -               | -              | -    | -            | -           | -           | -           | -           | -           | -             | -             | -              | -              |
| 5190MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14979G     | 3.00        | -58.89      | -58.61      | -54.20      | -56.86      | -50.69        | -47.69        | -41.20         | -6.49          |
| 5190MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -58.48      | -58.98      | -59.14      | -59.18      | -52.92        | -49.92        | -41.20         | -8.72          |

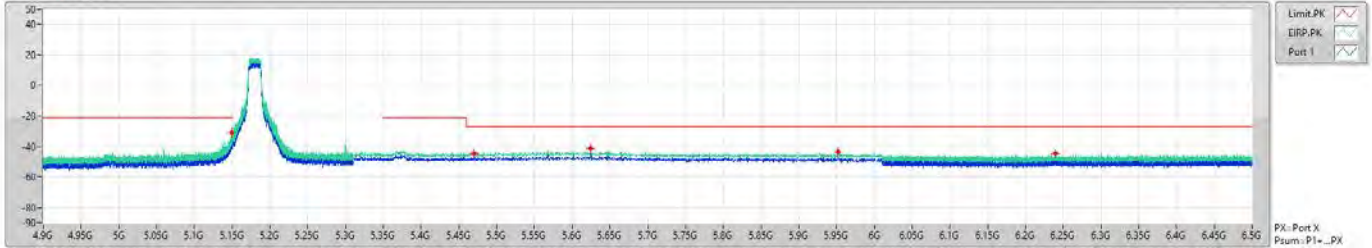
| Mode                           | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | DG<br>(dBi) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) | Psum<br>(dBm) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) |
|--------------------------------|--------|-----------------|----------------|------|--------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|----------------|----------------|
| 5190MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.15G        | 3.00        | -48.32      | -49.99      | -44.33      | -45.85      | -40.57        | -37.57        | -21.20         | -16.37         |
| 5190MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46816G     | 3.00        | -49.58      | -49.82      | -50.09      | -49.73      | -43.78        | -40.78        | -27.00         | -13.78         |
| 5190MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.84012G     | 3.00        | -49.69      | -48.33      | -49.41      | -50.13      | -43.32        | -40.32        | -27.00         | -13.32         |
| 5190MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.89384G     | 3.00        | -49.09      | -49.83      | -49.61      | -49.76      | -43.54        | -40.54        | -27.00         | -13.54         |
| 5190MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.49492G     | 3.00        | -50.03      | -48.63      | -49.21      | -50.73      | -43.56        | -40.56        | -27.00         | -13.56         |
| 5230MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14774G     | 3.00        | -58.11      | -59.28      | -58.16      | -58.98      | -52.58        | -49.58        | -41.20         | -8.38          |
| 5230MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -56.03      | -57.36      | -57.36      | -56.74      | -50.82        | -47.82        | -41.20         | -6.62          |
| 5230MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.11161G     | 3.00        | -42.03      | -49.14      | -50.92      | -51.81      | -40.48        | -37.48        | -21.20         | -16.28         |
| 5230MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46712G     | 3.00        | -48.27      | -48.34      | -47.47      | -49.97      | -42.40        | -39.40        | -27.00         | -12.40         |
| 5230MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.69914G     | 3.00        | -48.16      | -49.50      | -47.26      | -48.32      | -42.22        | -39.22        | -27.00         | -12.22         |
| 5230MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.88424G     | 3.00        | -47.76      | -48.87      | -49.68      | -48.86      | -42.72        | -39.72        | -27.00         | -12.72         |
| 5230MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.35459G     | 3.00        | -47.08      | -50.62      | -50.04      | -49.09      | -42.97        | -39.97        | -27.00         | -12.97         |
| 5755MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14334G     | 3.00        | -60.23      | -59.18      | -57.69      | -59.63      | -53.06        | -50.06        | -41.20         | -8.86          |
| 5755MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.89      | -56.83      | -57.27      | -55.65      | -50.81        | -47.81        | -41.20         | -6.61          |
| 5755MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.25993G     | 3.00        | -49.64      | -50.80      | -45.28      | -51.29      | -42.50        | -39.50        | -27.00         | -12.50         |
| 5755MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.46552G     | 3.00        | -47.57      | -46.15      | -48.36      | -49.67      | -41.73        | -38.73        | -27.00         | -11.73         |
| 5755MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.6353G      | 3.00        | -37.61      | -46.09      | -47.03      | -45.90      | -36.13        | -33.13        | -27.00         | -6.13          |
| 5755MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.93096G     | 3.00        | -47.94      | -45.38      | -47.06      | -47.78      | -40.89        | -37.89        | -27.00         | -10.89         |
| 5755MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.0522G      | 3.00        | -50.86      | -46.74      | -49.71      | -51.00      | -43.19        | -40.19        | -27.00         | -13.19         |
| 5795MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.12514G     | 3.00        | -60.87      | -59.68      | -59.29      | -58.57      | -53.50        | -50.50        | -41.20         | -9.30          |
| 5795MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.48      | -56.78      | -57.39      | -55.09      | -50.55        | -47.55        | -41.20         | -6.35          |
| 5795MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.30083G     | 3.00        | -49.60      | -45.48      | -49.12      | -50.15      | -42.13        | -39.13        | -27.00         | -12.13         |
| 5795MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.34296G     | 3.00        | -50.55      | -48.00      | -46.65      | -47.10      | -41.82        | -38.82        | -27.00         | -11.82         |
| 5795MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.61706G     | 3.00        | -47.45      | -44.88      | -46.79      | -46.67      | -40.32        | -37.32        | -27.00         | -10.32         |
| 5795MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.92808G     | 3.00        | -47.00      | -47.02      | -44.43      | -48.87      | -40.51        | -37.51        | -27.00         | -10.51         |
| 5795MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01606G     | 3.00        | -51.16      | -49.98      | -47.12      | -47.67      | -42.66        | -39.66        | -27.00         | -12.66         |
| 802.11ax HEW80_Nss1.(MCS0)_4TX | -      | -               | -              | -    | -            | -           | -           | -           | -           | -           | -             | -             | -              | -              |
| 5210MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14774G     | 3.00        | -56.00      | -57.91      | -55.06      | -57.56      | -50.46        | -47.46        | -41.20         | -6.26          |
| 5210MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -58.91      | -59.37      | -59.18      | -57.76      | -52.74        | -49.74        | -41.20         | -8.54          |
| 5210MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.14574G     | 3.00        | -48.68      | -47.70      | -46.40      | -47.09      | -41.37        | -38.37        | -21.20         | -17.17         |
| 5210MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.4636G      | 3.00        | -50.00      | -50.25      | -48.79      | -48.86      | -43.41        | -40.41        | -27.00         | -13.41         |
| 5210MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.64822G     | 3.00        | -47.48      | -49.82      | -48.27      | -49.11      | -42.56        | -39.56        | -27.00         | -12.56         |
| 5210MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.96072G     | 3.00        | -50.00      | -50.13      | -48.29      | -49.40      | -43.37        | -40.37        | -27.00         | -13.37         |
| 5210MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.46821G     | 3.00        | -50.92      | -50.14      | -46.93      | -51.68      | -43.48        | -40.48        | -27.00         | -13.48         |
| 5775MHz                        | Pass   | 4.9G            | 5.31G          | AV   | 5.14221G     | 3.00        | -60.49      | -59.41      | -59.23      | -61.39      | -54.02        | -51.02        | -41.20         | -9.82          |
| 5775MHz                        | Pass   | 5.31G           | 5.47G          | AV   | 5.37592G     | 3.00        | -57.92      | -58.92      | -57.62      | -56.95      | -51.78        | -48.78        | -41.20         | -7.58          |
| 5775MHz                        | Pass   | 4.9G            | 5.31G          | PK   | 5.29939G     | 3.00        | -49.54      | -50.91      | -46.18      | -49.75      | -42.68        | -39.68        | -27.00         | -12.68         |
| 5775MHz                        | Pass   | 5.31G           | 5.47G          | PK   | 5.4684G      | 3.00        | -50.12      | -47.30      | -46.91      | -49.75      | -42.27        | -39.27        | -27.00         | -12.27         |
| 5775MHz                        | Pass   | 5.47G           | 5.85G          | PK   | 5.64822G     | 3.00        | -48.05      | -41.98      | -44.64      | -40.70      | -37.02        | -34.02        | -27.00         | -7.02          |
| 5775MHz                        | Pass   | 5.85G           | 6.01G          | PK   | 5.92744G     | 3.00        | -47.36      | -46.45      | -45.72      | -44.08      | -39.71        | -36.71        | -27.00         | -9.71          |
| 5775MHz                        | Pass   | 6.01G           | 6.5G           | PK   | 6.01564G     | 3.00        | -49.18      | -49.48      | -47.65      | -50.33      | -43.03        | -40.03        | -27.00         | -13.03         |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [PK]

5180MHz

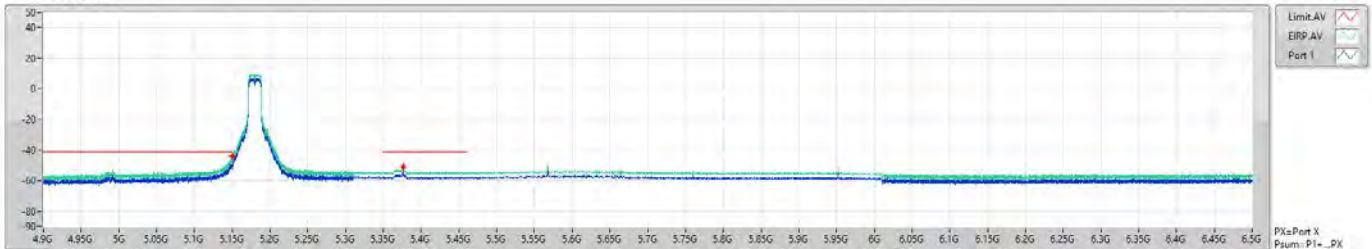


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | ERP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.14974G | -30.78   | -21.20     | -9.58      | 3.00   | 0.00    | -33.78    | -33.78  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.47G    | -44.51   | -27.00     | -17.51     | 3.00   | 0.00    | -47.51    | -47.51  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.62466G | -41.43   | -27.00     | -14.43     | 3.00   | 0.00    | -44.43    | -44.43  |
| 5.85G       | 6.01G      | 1M      | PK   | 5.9574G  | -43.56   | -27.00     | -16.56     | 3.00   | 0.00    | -46.56    | -46.56  |
| 6.01G       | 6.5G       | 1M      | PK   | 6.23967G | -44.48   | -27.00     | -17.48     | 3.00   | 0.00    | -47.48    | -47.48  |

802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [AV]

5180MHz



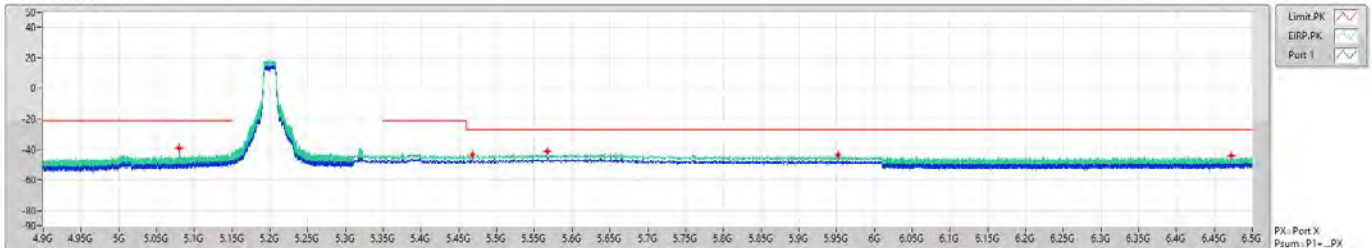
| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | ERP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.1496G  | -44.14   | -41.20     | -2.94      | 3.00   | 0.00    | -47.14    | -47.14  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37902G | -51.33   | -41.20     | -10.13     | 3.00   | 0.00    | -54.33    | -54.33  |

802.11a\_Nss1,(6Mbps)\_1TX

5200MHz

CSE Bandedge [PK]

19/08/2022



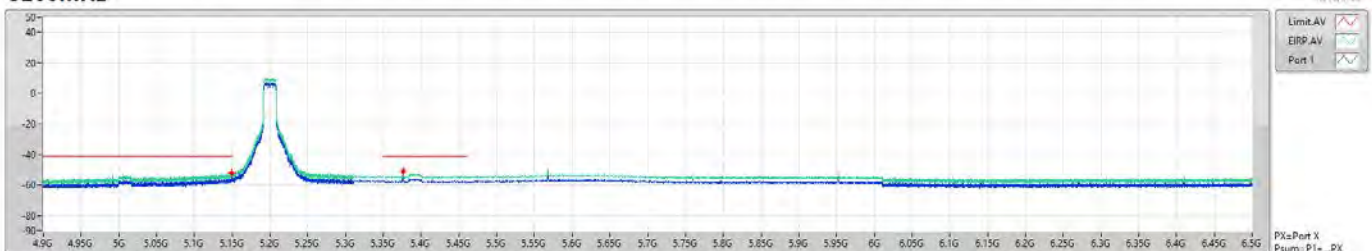
| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.07548G | -38.99    | -21.20     | -17.79     | 3.00   | 0.00    | -41.99    | -41.99  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.46779G | -43.76    | -27.00     | -16.76     | 3.00   | 0.00    | -46.76    | -46.76  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.66766G | -41.11    | -27.00     | -14.11     | 3.00   | 0.00    | -44.11    | -44.11  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.95208G | -46.51    | -27.00     | -19.51     | 3.00   | 0.00    | -49.51    | -49.51  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.47261G | -43.95    | -27.00     | -16.95     | 3.00   | 0.00    | -46.95    | -46.95  |

802.11a\_Nss1,(6Mbps)\_1TX

5200MHz

CSE Bandedge [AV]

19/08/2022



| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14908G | -52.29    | -41.20     | -11.09     | 3.00   | 0.00    | -55.29    | -55.29  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -50.98    | -41.20     | -9.78      | 3.00   | 0.00    | -53.98    | -53.98  |

802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [PK]

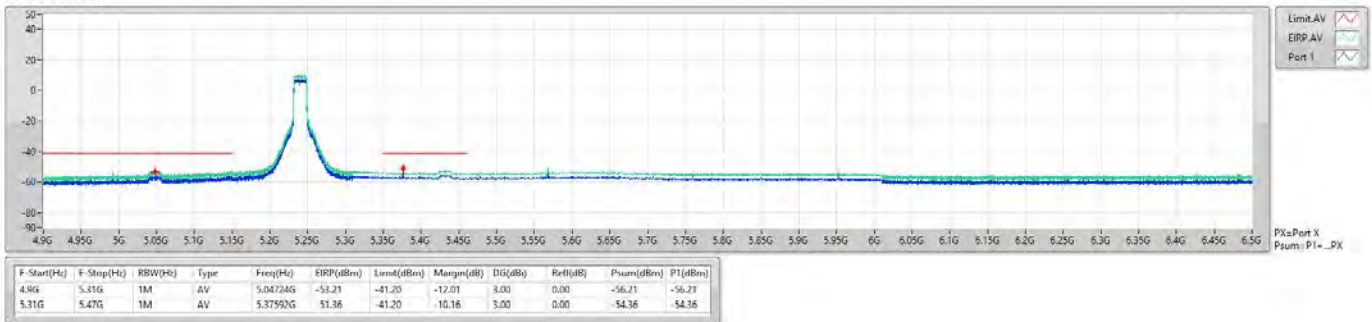
5240MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [AV]

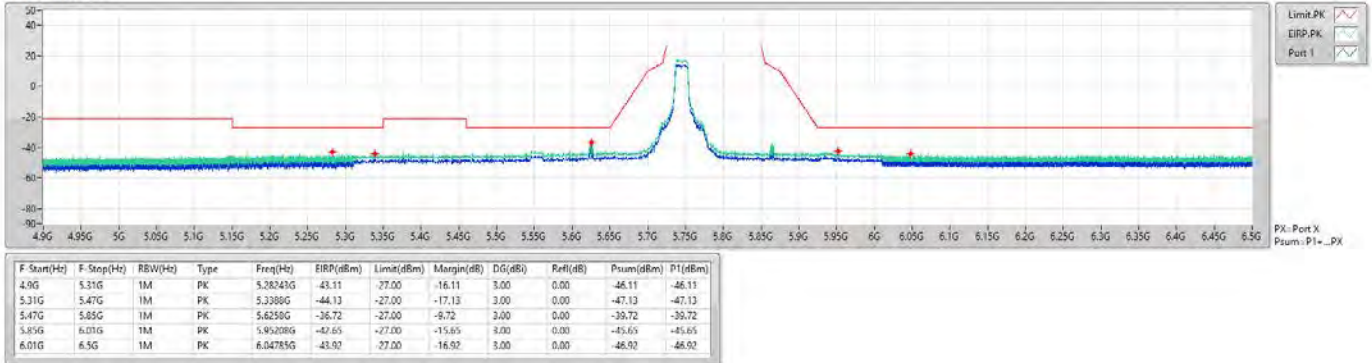
5240MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [PK]

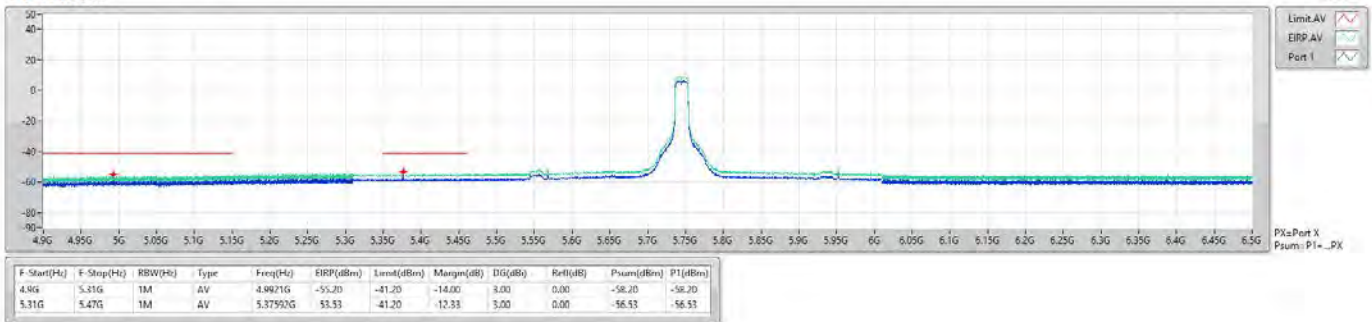
5745MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [AV]

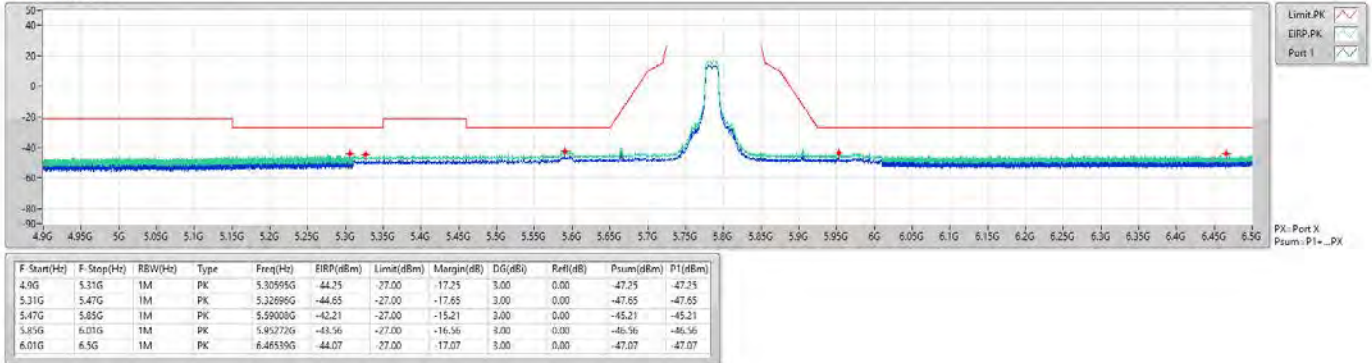
5745MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [PK]

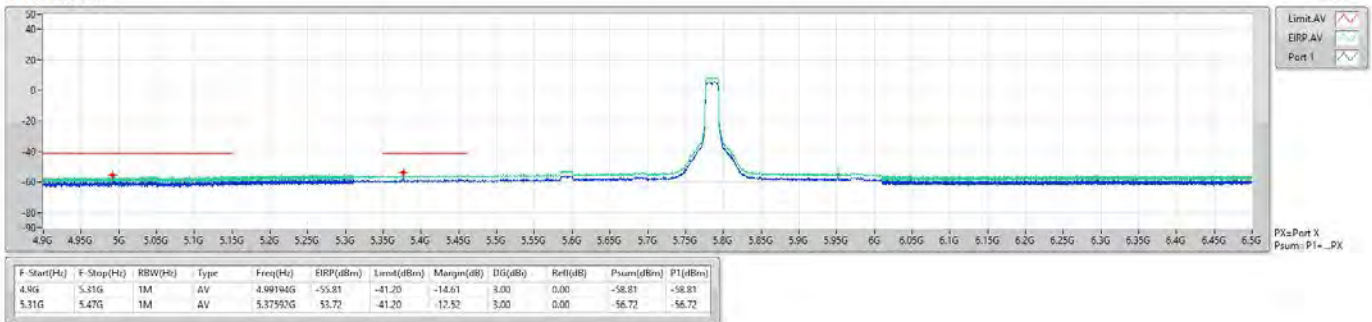
5785MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [AV]

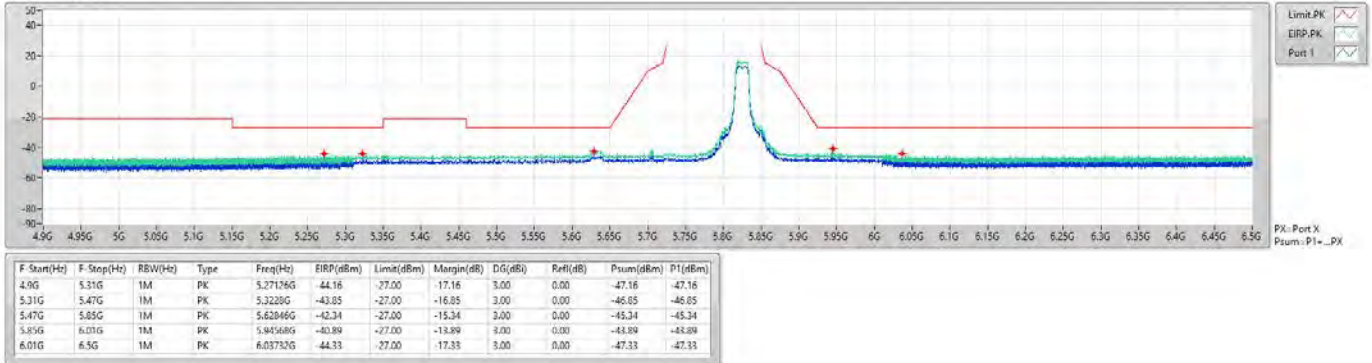
5785MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [PK]

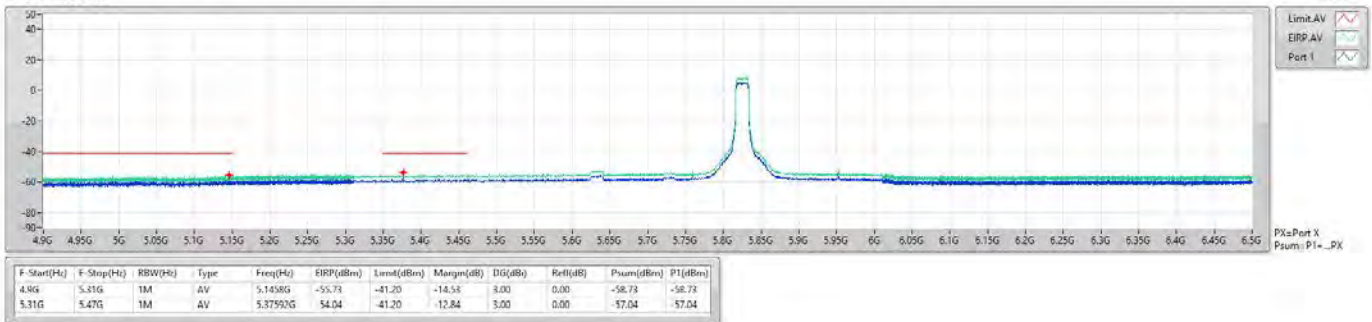
5825MHz



802.11a\_Nss1,(6Mbps)\_1TX

CSE Bandedge [AV]

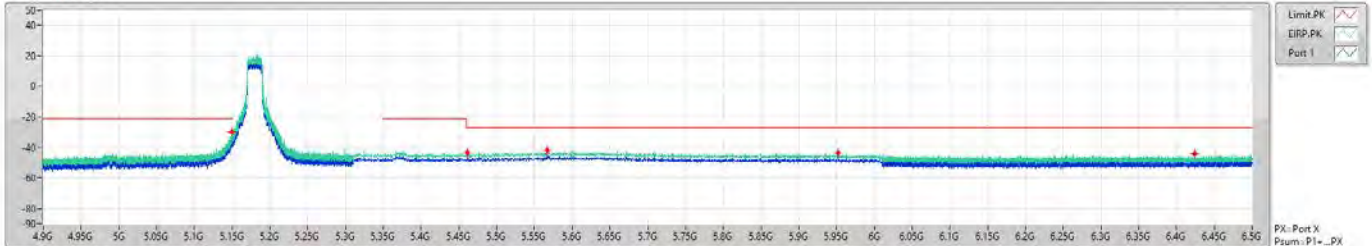
5825MHz



802.11ax HEW20\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

5180MHz

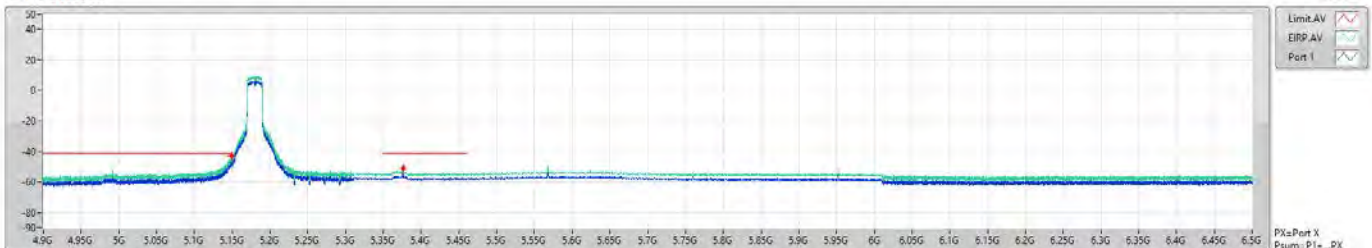


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.14074G | -29.83    | -21.20     | -8.63      | 3.00   | 0.00    | -32.83    | -32.83  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.46104G | -43.67    | -27.00     | -16.67     | 3.00   | 0.00    | -46.67    | -46.67  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.56766G | -41.75    | -27.00     | -14.75     | 3.00   | 0.00    | -44.75    | -44.75  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.9574G  | -43.35    | -27.00     | -16.35     | 3.00   | 0.00    | -46.35    | -46.35  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.4243G  | -44.20    | -27.00     | -17.20     | 3.00   | 0.00    | -47.20    | -47.20  |

802.11ax HEW20\_Nss1,(MCS0)\_1TX

CSE Bandedge [AV]

5180MHz

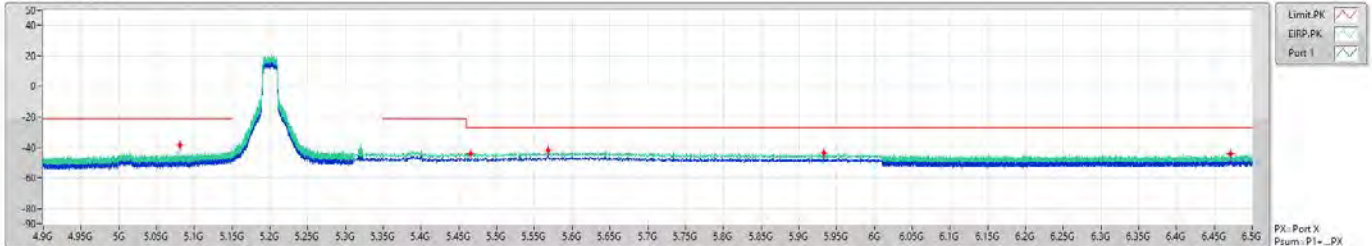


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14887G | -42.89    | -41.20     | -1.69      | 3.00   | 0.00    | -45.89    | -45.89  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -51.05    | -41.20     | -9.85      | 3.00   | 0.00    | -54.05    | -54.05  |

802.11ax HEW20\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

5200MHz

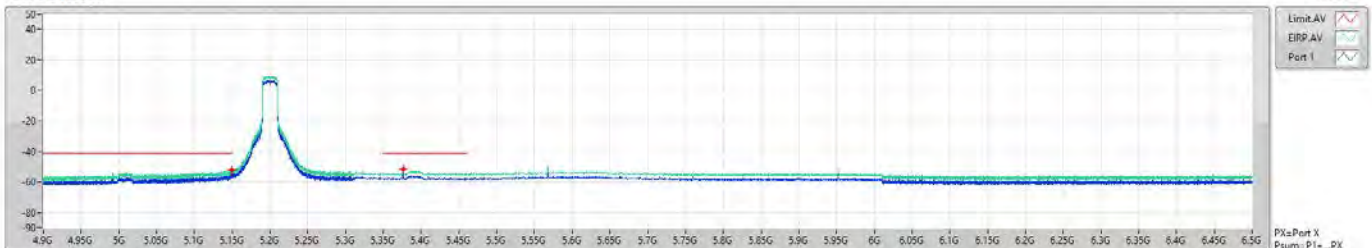


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.0876G  | -38.43    | -21.20     | -17.23     | 3.00   | 0.00    | -41.43    | -41.43  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.46594G | -44.20    | -27.00     | -17.20     | 3.00   | 0.00    | -47.20    | -47.20  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.56804G | -41.86    | -27.00     | -14.86     | 3.00   | 0.00    | -44.86    | -44.86  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.93788G | -43.74    | -27.00     | -16.74     | 3.00   | 0.00    | -46.74    | -46.74  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.47176G | -43.95    | -27.00     | -16.95     | 3.00   | 0.00    | -46.95    | -46.95  |

802.11ax HEW20\_Nss1,(MCS0)\_1TX

CSE Bandedge [AV]

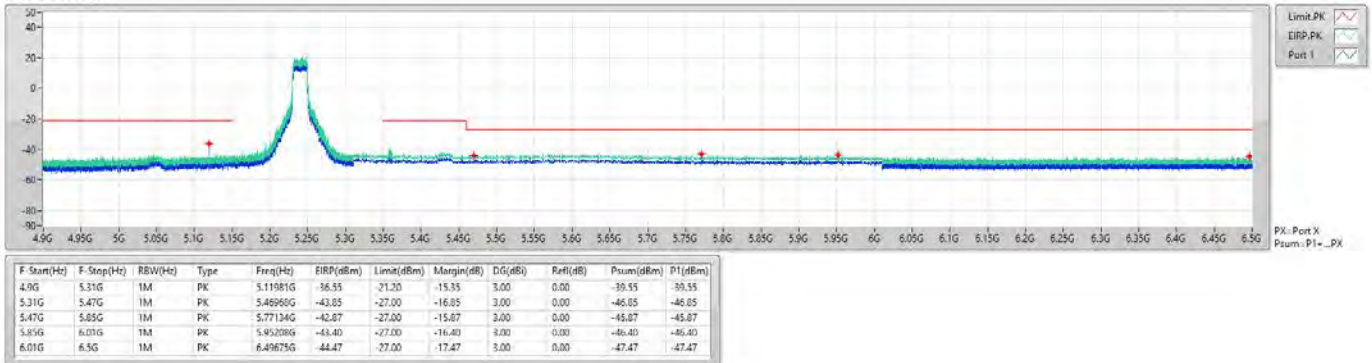
5200MHz



| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14928G | -52.24    | -41.20     | -11.04     | 3.00   | 0.00    | -55.24    | -55.24  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -51.60    | -41.20     | -10.40     | 3.00   | 0.00    | -54.60    | -54.60  |

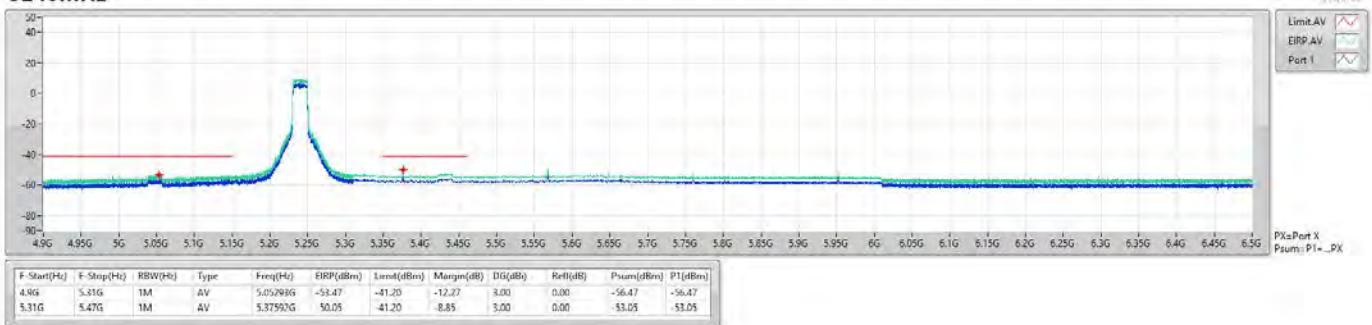
802.11ax HEW20\_Nss1,(MCS0)\_1TX  
5240MHz

CSE Bandedge [PK]



802.11ax HEW20\_Nss1,(MCS0)\_1TX  
5240MHz

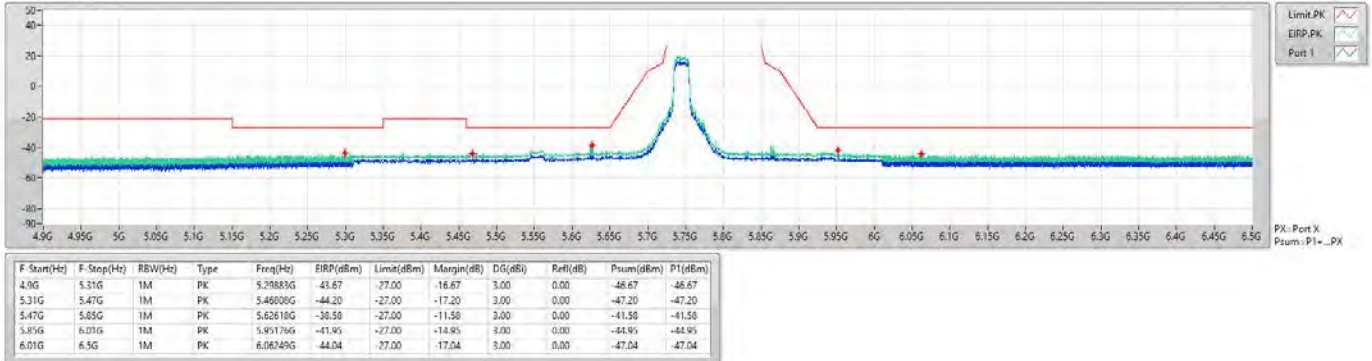
CSE Bandedge [AV]



802.11ax HEW20\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

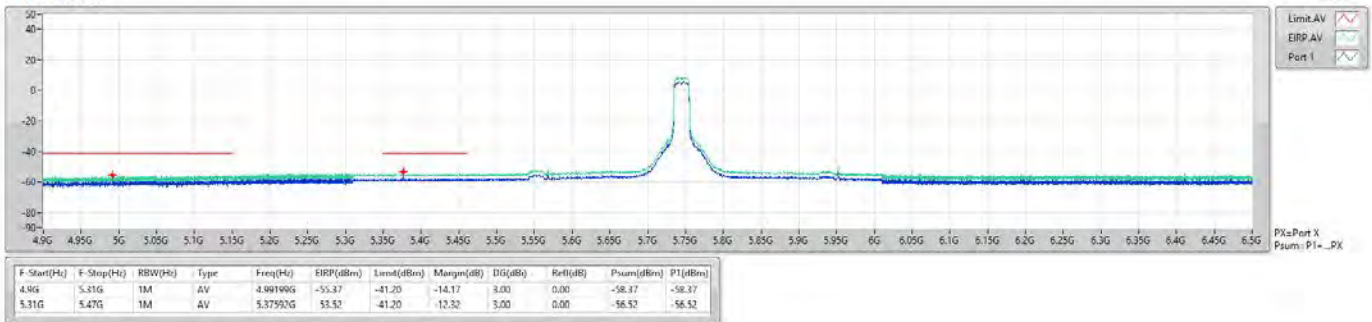
5745MHz



802.11ax HEW20\_Nss1,(MCS0)\_1TX

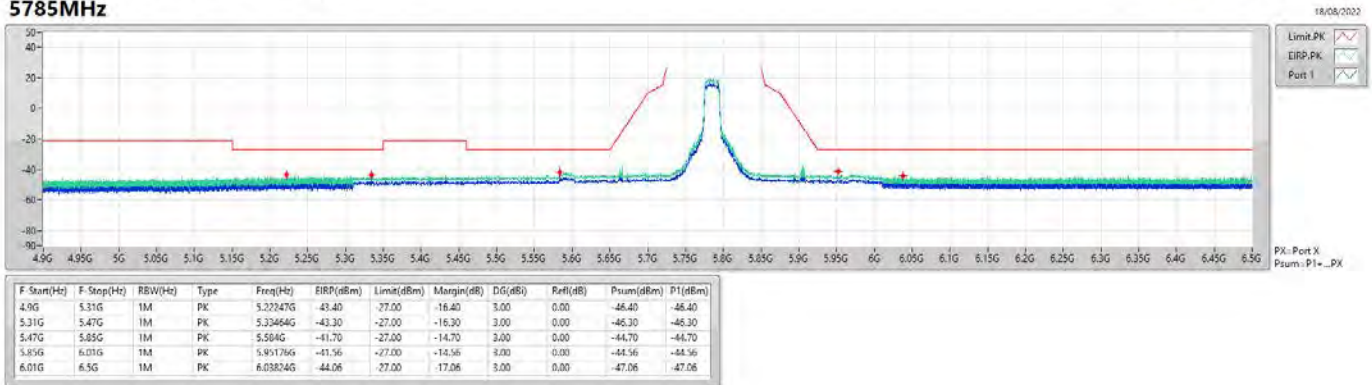
CSE Bandedge [AV]

5745MHz



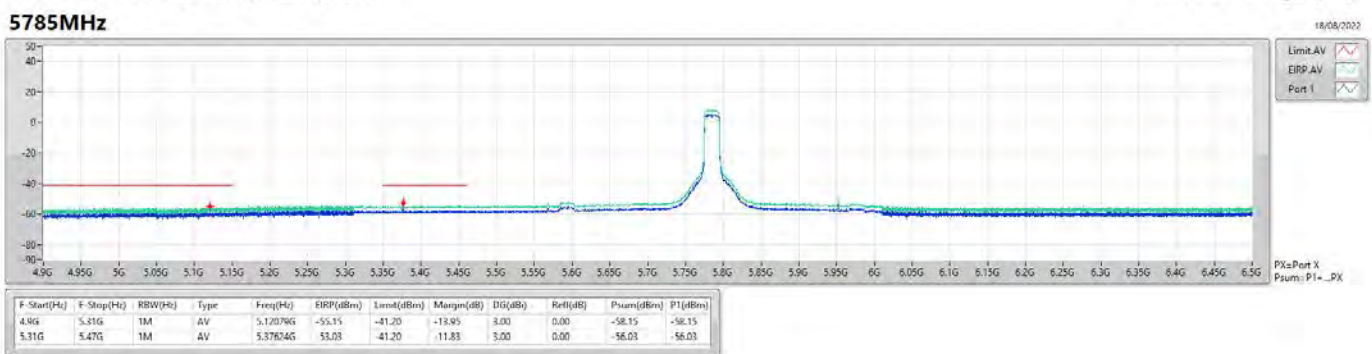
802.11ax HEW20\_Nss1,(MCS0)\_1TX  
5785MHz

CSE Bandedge [PK]



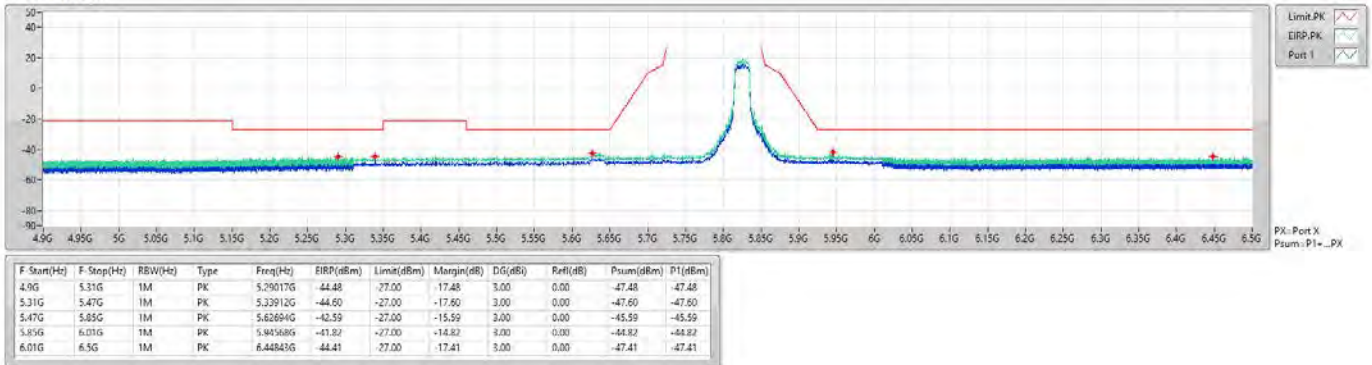
802.11ax HEW20\_Nss1,(MCS0)\_1TX  
5785MHz

CSE Bandedge [AV]



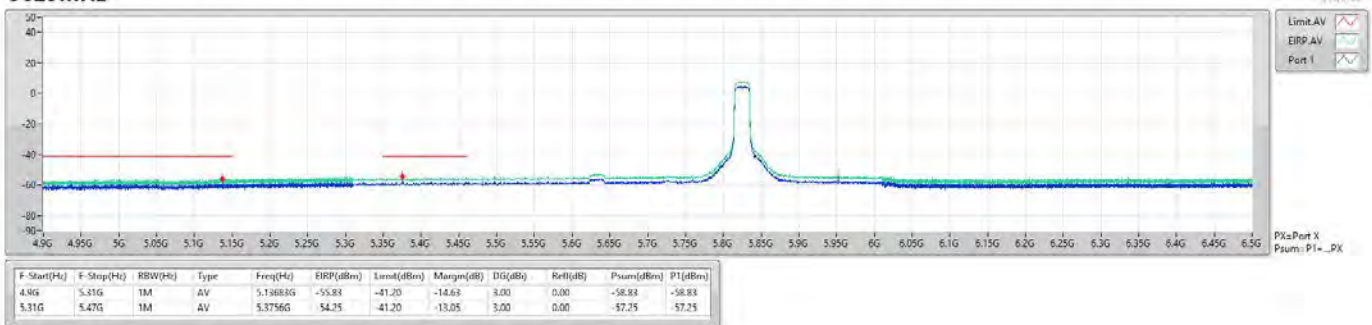
802.11ax HEW20\_Nss1,(MCS0)\_1TX  
5825MHz

CSE Bandedge [PK]



802.11ax HEW20\_Nss1,(MCS0)\_1TX  
5825MHz

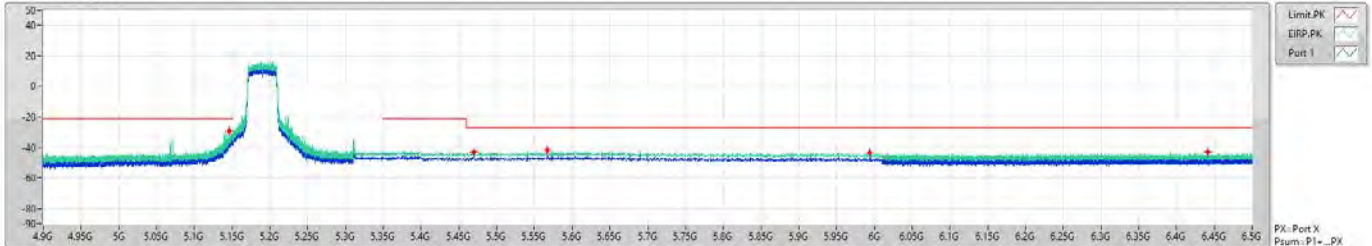
CSE Bandedge [AV]



802.11ax HEW40\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

5190MHz

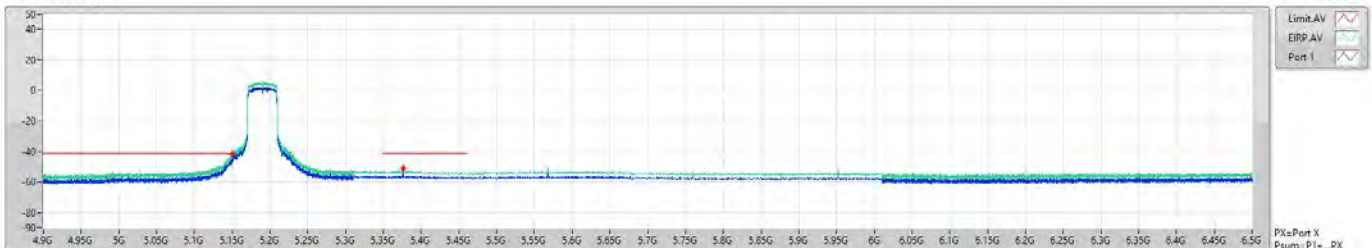


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.14555G | -29.50    | -21.20     | -8.30      | 3.00   | 0.00    | -32.50    | -32.50  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.47G    | -43.22    | -27.00     | -16.22     | 3.00   | 0.00    | -46.22    | -46.22  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.56766G | -41.00    | -27.00     | -14.00     | 3.00   | 0.00    | -44.00    | -44.00  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.96432G | -43.32    | -27.00     | -16.32     | 3.00   | 0.00    | -46.32    | -46.32  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.447G   | -42.85    | -27.00     | -15.85     | 3.00   | 0.00    | -45.85    | -45.85  |

802.11ax HEW40\_Nss1,(MCS0)\_1TX

CSE Bandedge [AV]

5190MHz

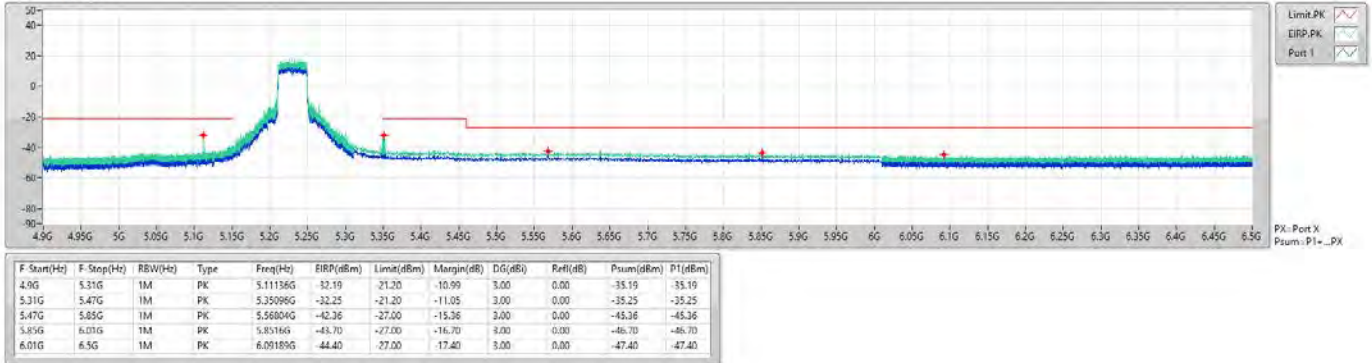


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14995G | -41.98    | -41.20     | -0.78      | 3.00   | 0.00    | -44.98    | -44.98  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | 50.93     | 41.20      | -9.73      | 3.00   | 0.00    | 53.93     | 53.93   |

802.11ax HEW40\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

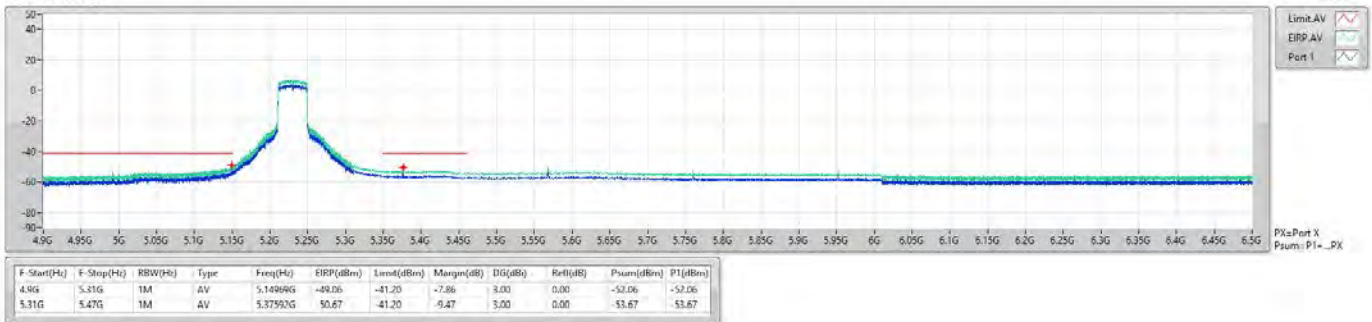
5230MHz



802.11ax HEW40\_Nss1,(MCS0)\_1TX

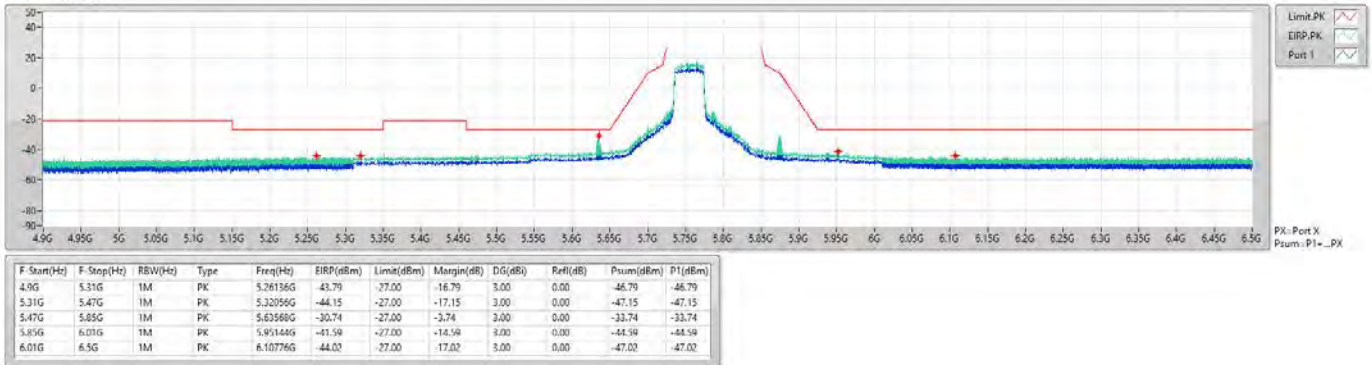
CSE Bandedge [AV]

5230MHz



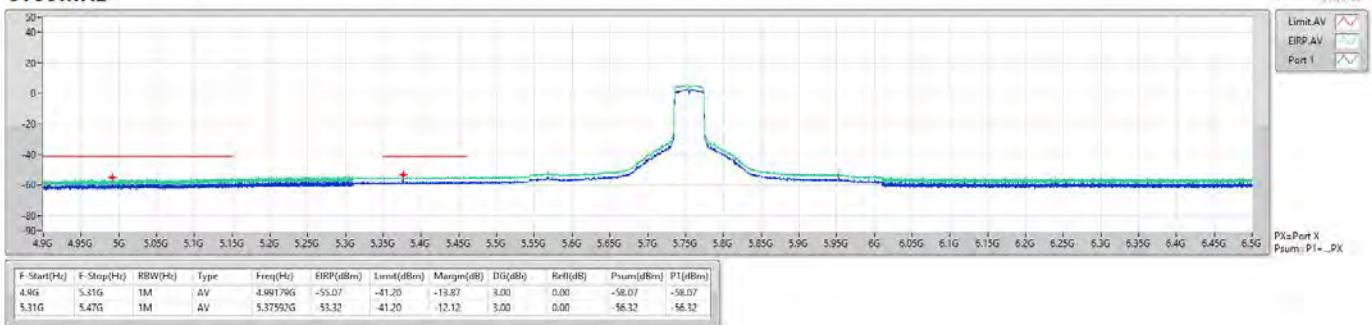
802.11ax HEW40\_Nss1,(MCS0)\_1TX  
5755MHz

CSE Bandedge [PK]



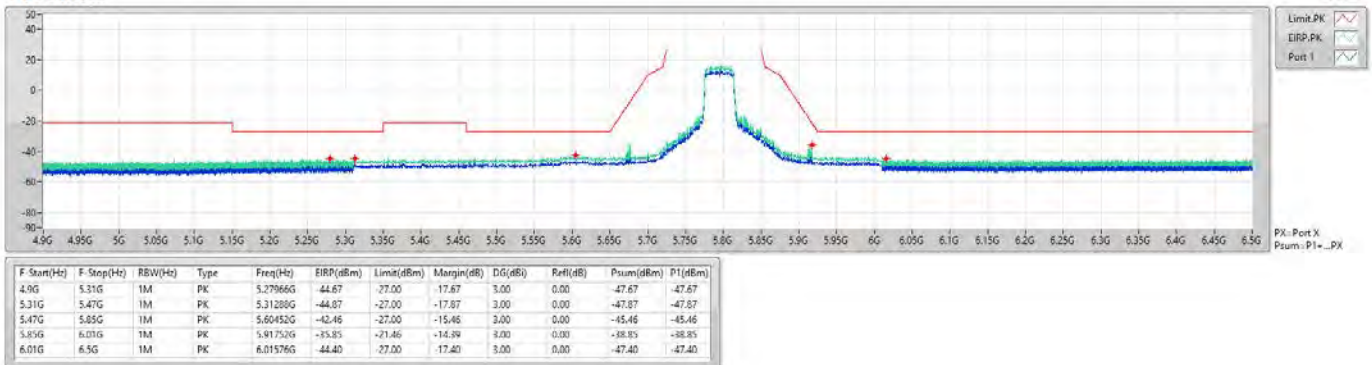
802.11ax HEW40\_Nss1,(MCS0)\_1TX  
5755MHz

CSE Bandedge [AV]



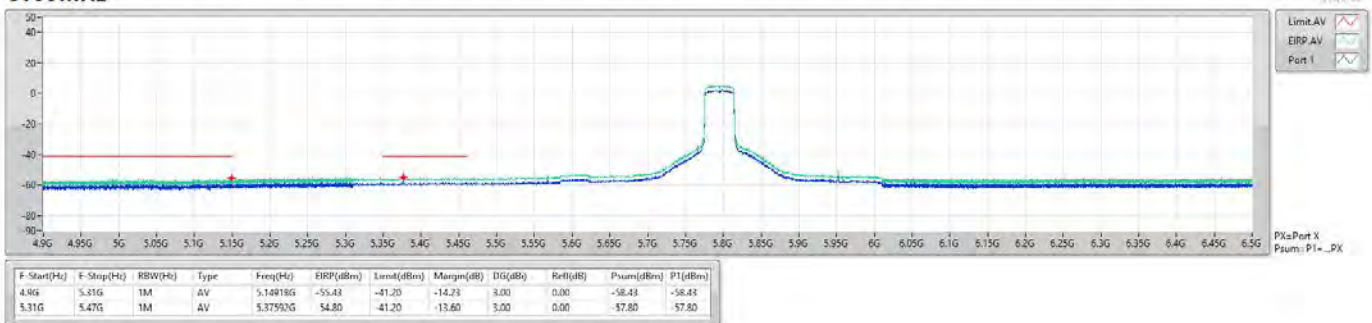
802.11ax HEW40\_Nss1,(MCS0)\_1TX  
5795MHz

CSE Bandedge [PK]



802.11ax HEW40\_Nss1,(MCS0)\_1TX  
5795MHz

CSE Bandedge [AV]



802.11ax HEW80\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

5210MHz



802.11ax HEW80\_Nss1,(MCS0)\_1TX

CSE Bandedge [AV]

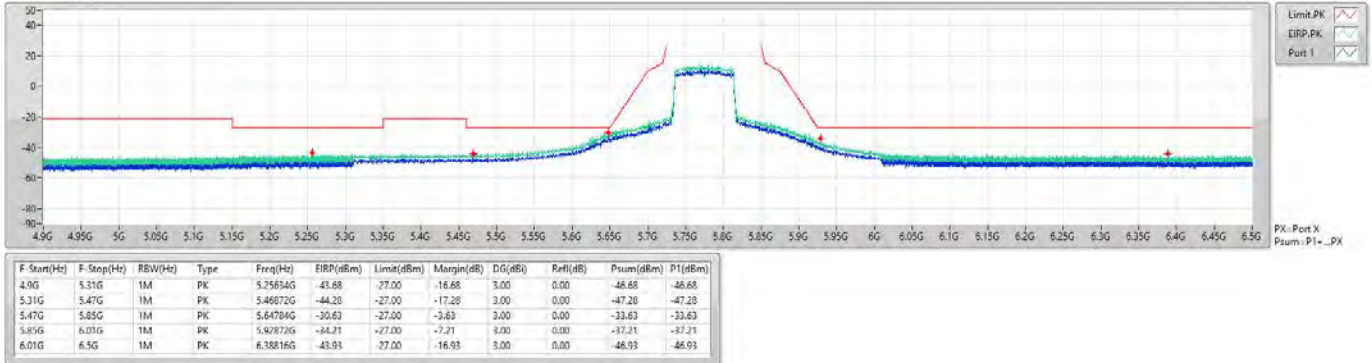
5210MHz



802.11ax HEW80\_Nss1,(MCS0)\_1TX

CSE Bandedge [PK]

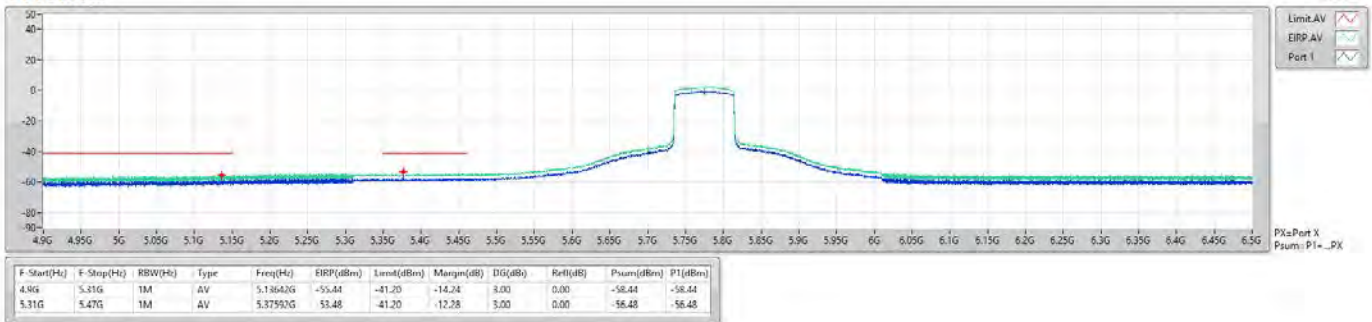
5775MHz



802.11ax HEW80\_Nss1,(MCS0)\_1TX

CSE Bandedge [AV]

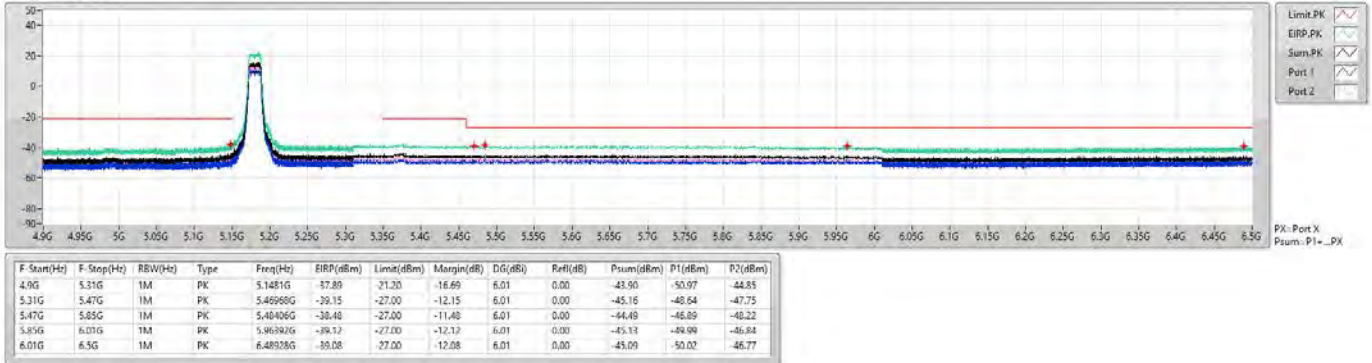
5775MHz



802.11a\_Nss1,(6Mbps)\_2TX

5180MHz

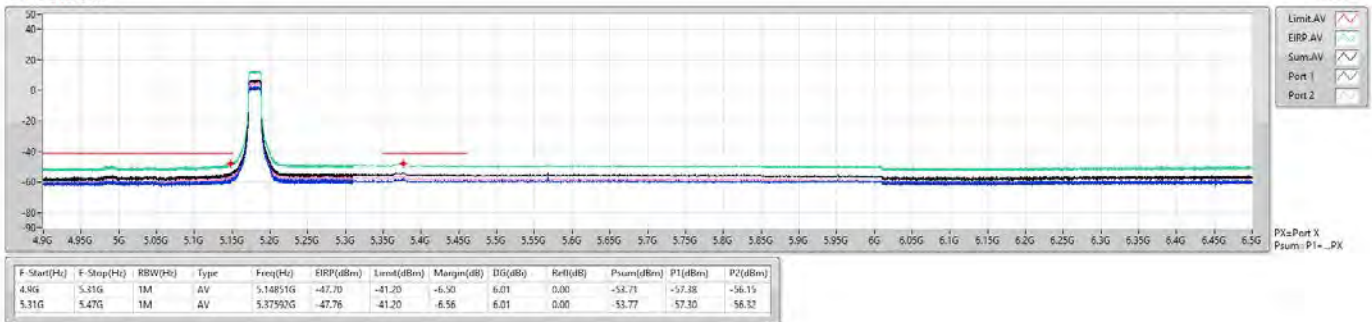
CSE Bandedge [PK]



802.11a\_Nss1,(6Mbps)\_2TX

5180MHz

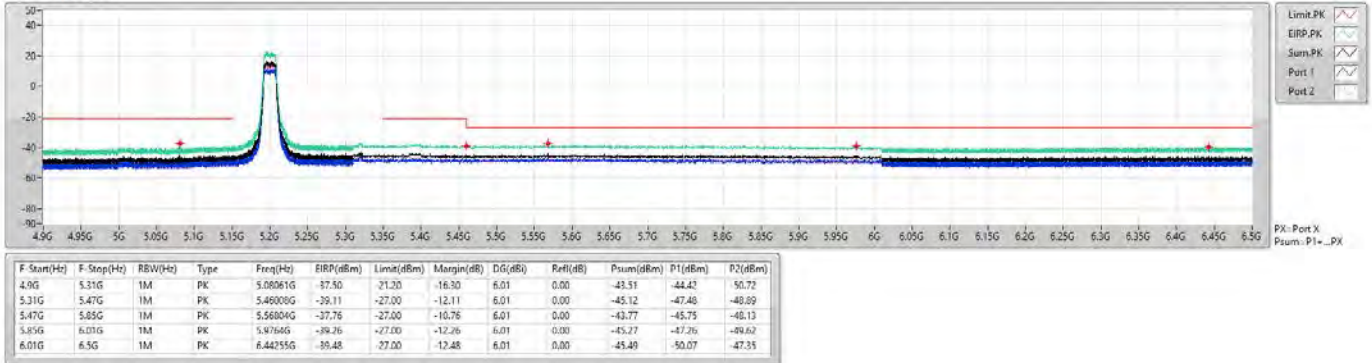
CSE Bandedge [AV]



802.11a\_Nss1,(6Mbps)\_2TX

CSE Bandedge [PK]

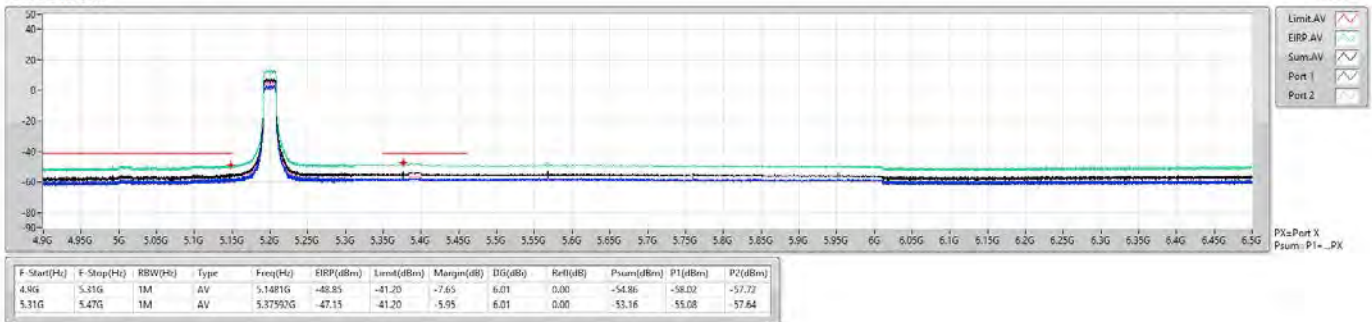
5200MHz



802.11a\_Nss1,(6Mbps)\_2TX

CSE Bandedge [AV]

5200MHz

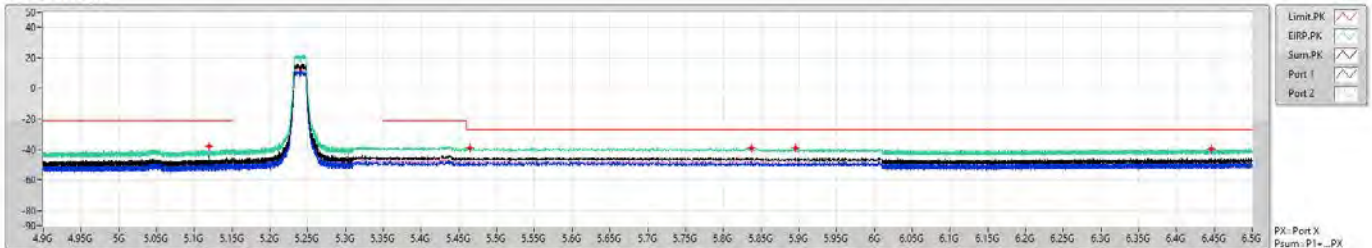


802.11a\_Nss1,(6Mbps)\_2TX

5240MHz

CSE Bandedge [PK]

19/08/2022



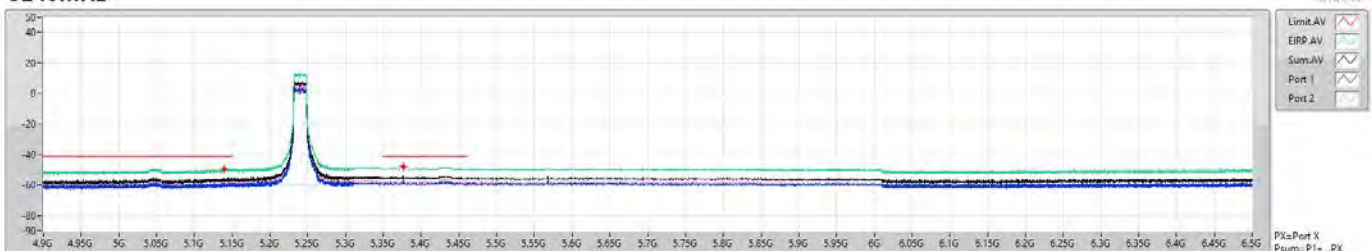
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.11976G | -37.25    | -21.20     | -16.05     | 6.01   | 0.00    | -43.88    | -44.70  | -51.39  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.46424G | -39.18    | -27.00     | -12.18     | 6.01   | 0.00    | -45.19    | -49.27  | -47.35  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.83700G | -38.90    | -27.00     | -11.90     | 6.01   | 0.00    | -44.91    | -47.01  | -49.07  |
| 5.85G       | 6.01G      | 1M      | PK   | 5.89576G | -39.34    | -27.00     | -12.34     | 6.01   | 0.00    | -45.25    | -49.74  | -47.16  |
| 6.01G       | 6.5G       | 1M      | PK   | 6.44586G | -39.61    | -27.00     | -12.61     | 6.01   | 0.00    | -45.62    | -49.71  | -47.76  |

802.11a\_Nss1,(6Mbps)\_2TX

5240MHz

CSE Bandedge [AV]

19/08/2022

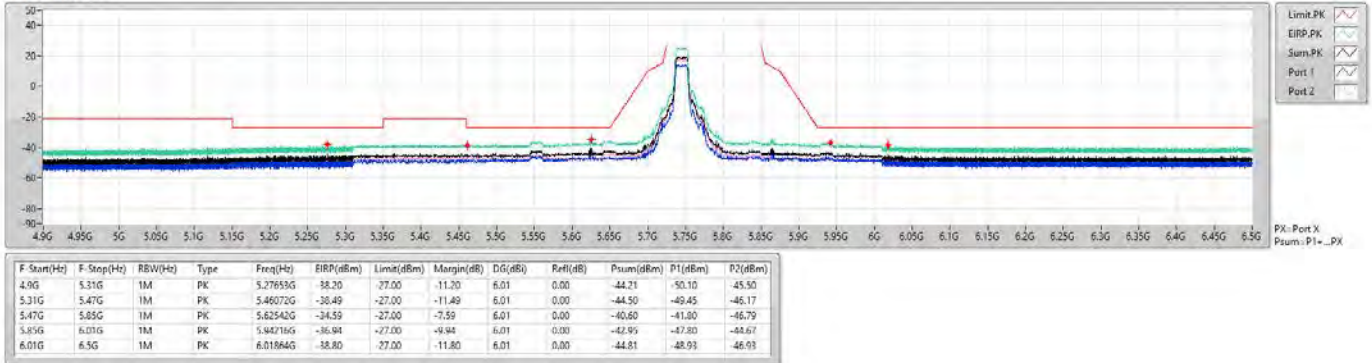


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.13924G | -49.48    | -41.20     | -8.28      | 6.01   | 0.00    | -55.49    | -58.93  | -58.20  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -48.08    | -41.20     | -6.88      | 6.01   | 0.00    | -54.09    | -56.76  | -58.14  |

802.11a\_Nss1,(6Mbps)\_2TX

CSE Bandedge [PK]

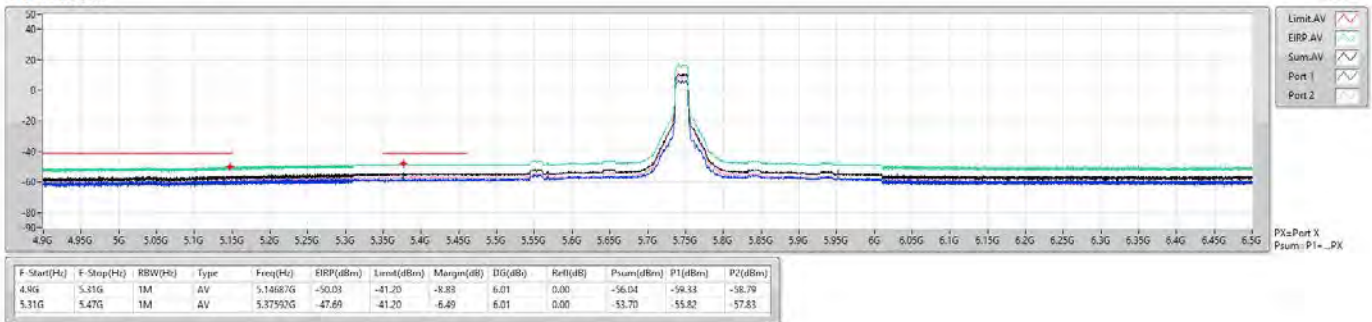
5745MHz



802.11a\_Nss1,(6Mbps)\_2TX

CSE Bandedge [AV]

5745MHz

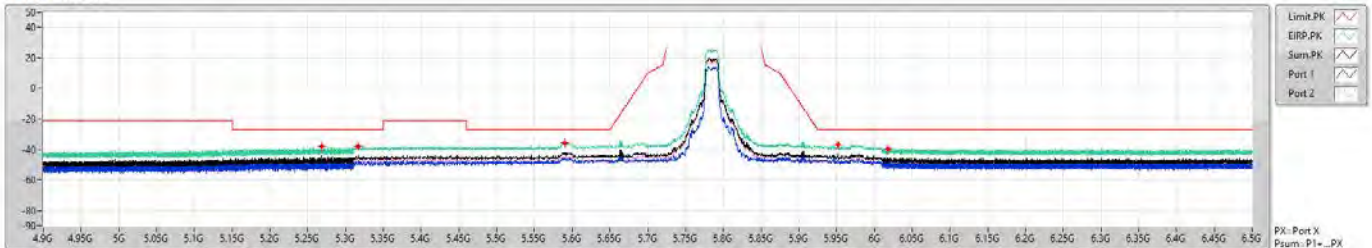


802.11a\_Nss1,(6Mbps)\_2TX

5785MHz

CSE Bandedge [PK]

18/08/2022



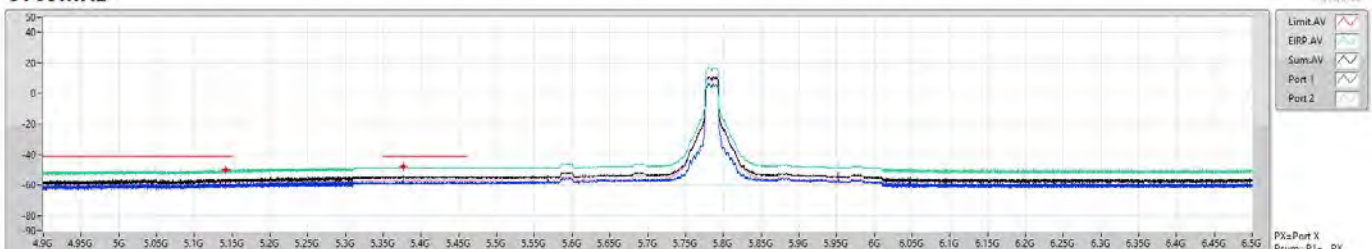
| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.26844G | -38.03    | -27.00     | -11.03     | 6.01   | 0.00    | -44.04    | -48.63  | -45.90  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.31704G | -38.15    | -27.00     | -11.15     | 6.01   | 0.00    | -44.16    | -47.61  | -46.77  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.59000G | -35.62    | -27.00     | -8.62      | 6.01   | 0.00    | -41.63    | -45.59  | -43.86  |
| 5.85G       | 6.01G      | 1M      | PK   | 5.93208G | -37.14    | -27.00     | -10.14     | 6.01   | 0.00    | -43.15    | -45.35  | -47.15  |
| 6.01G       | 6.5G       | 1M      | PK   | 6.01802G | -39.42    | -27.00     | -12.42     | 6.01   | 0.00    | -45.43    | -49.41  | -47.65  |

802.11a\_Nss1,(6Mbps)\_2TX

5785MHz

CSE Bandedge [AV]

18/08/2022

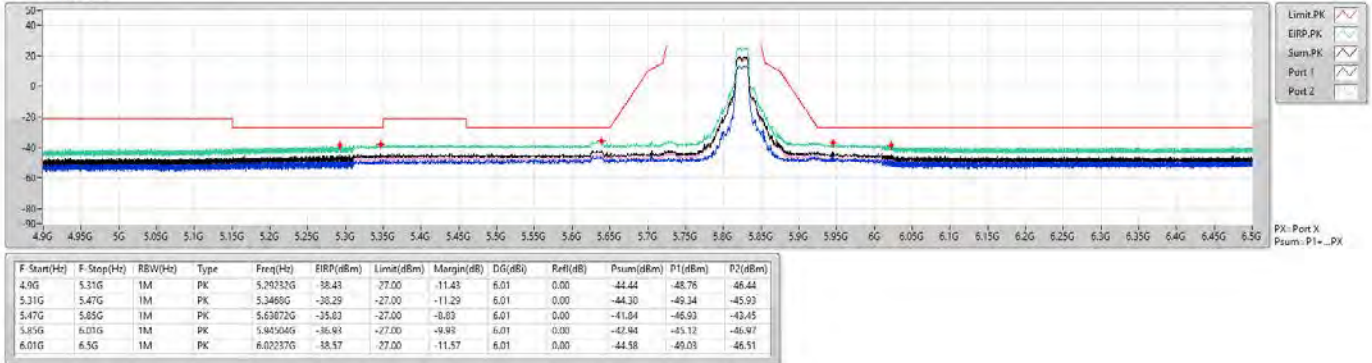


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14098G | -50.04    | -41.20     | -8.84      | 6.01   | 0.00    | -56.05    | -59.67  | -58.53  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -47.89    | -41.20     | -6.69      | 6.01   | 0.00    | -53.90    | -56.58  | -57.26  |

802.11a\_Nss1,(6Mbps)\_2TX

CSE Bandedge [PK]

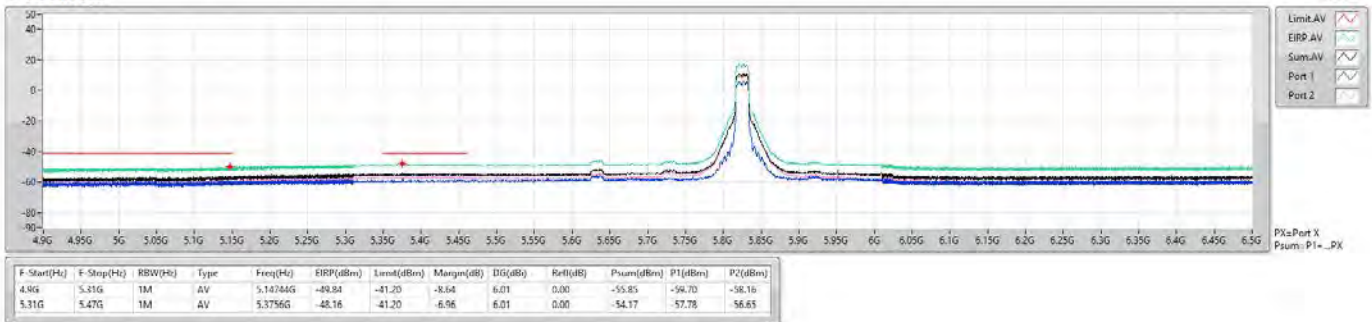
5825MHz



802.11a\_Nss1,(6Mbps)\_2TX

CSE Bandedge [AV]

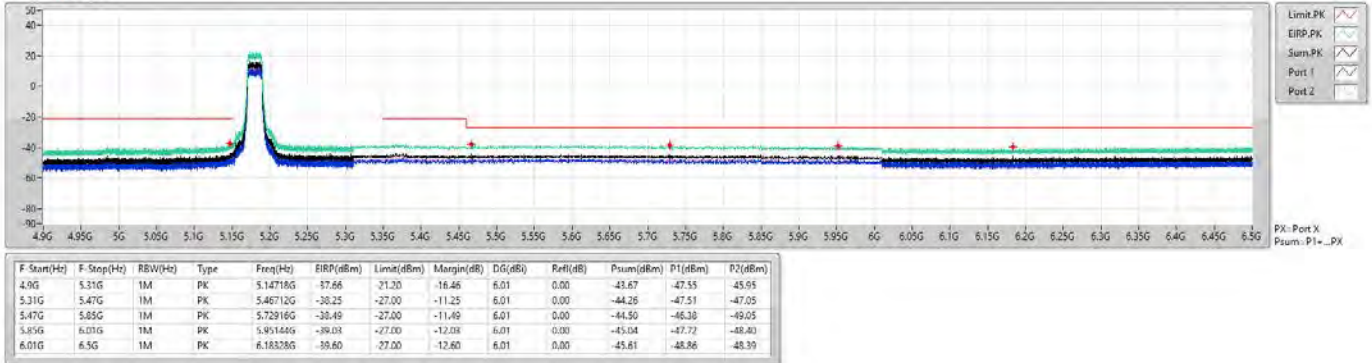
5825MHz



802.11ax HEW20\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

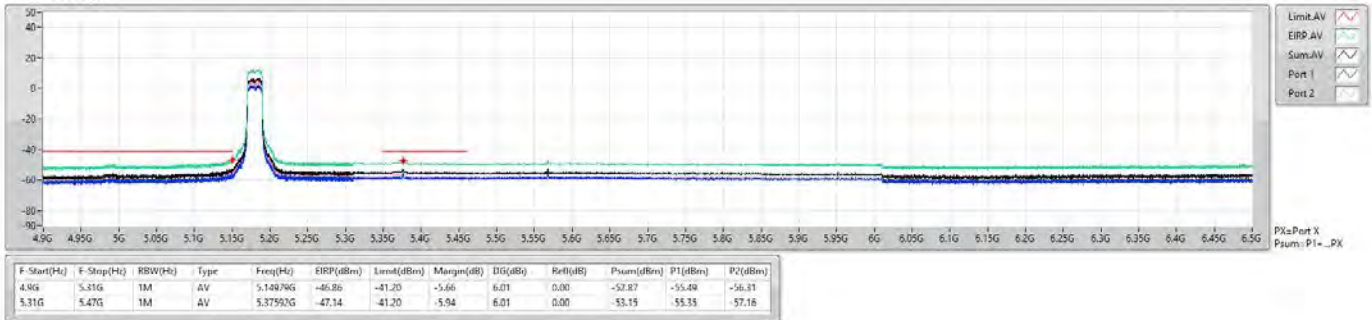
5180MHz



802.11ax HEW20\_Nss1,(MCS0)\_2TX

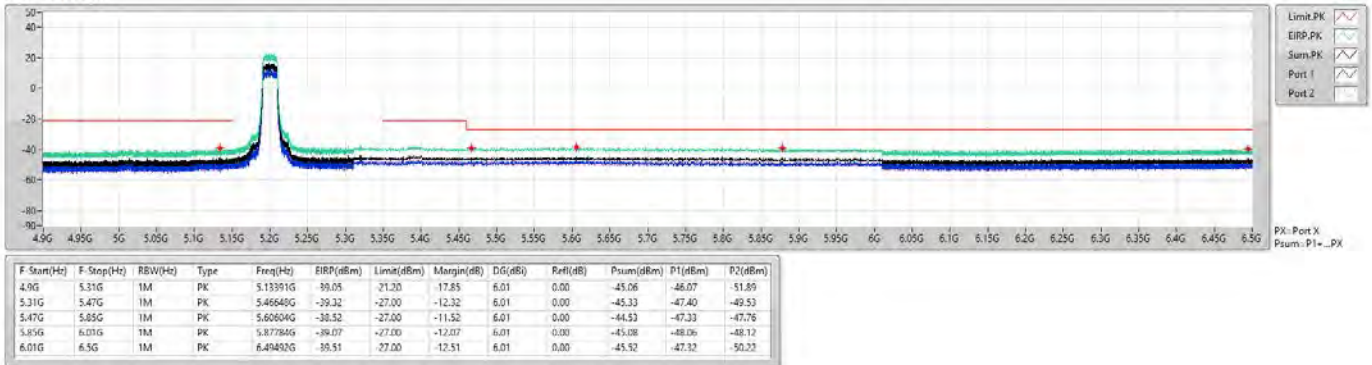
CSE Bandedge [AV]

5180MHz



802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5200MHz

CSE Bandedge [PK]



802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5200MHz

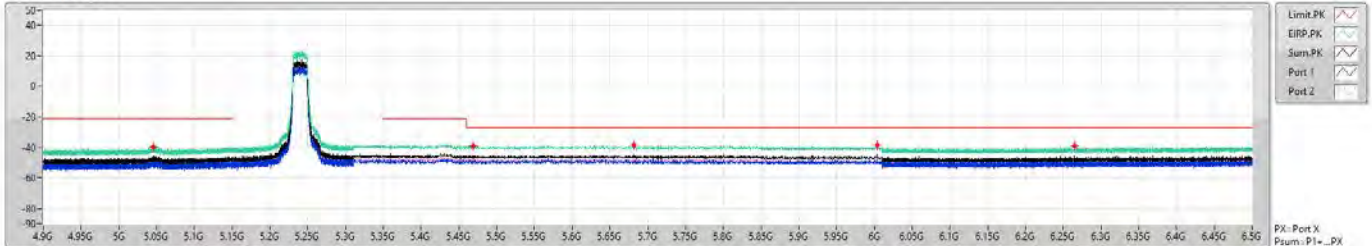
CSE Bandedge [AV]



802.11ax HEW20\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

5240MHz

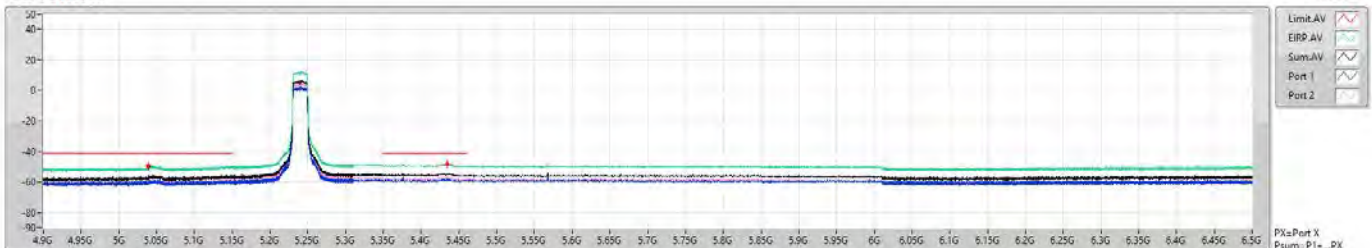


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.04555G | -39.88    | -21.20     | -18.68     | 6.01   | 0.00    | -45.69    | -48.19  | -49.29  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.46872G | -39.05    | -27.00     | -12.05     | 6.01   | 0.00    | -45.06    | -49.37  | -47.07  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.66120G | -38.63    | -27.00     | -11.63     | 6.01   | 0.00    | -44.64    | -49.12  | -46.55  |
| 5.85G       | 6.07G      | 1M      | PK   | 6.00864G | -38.83    | -27.00     | -11.83     | 6.01   | 0.00    | -44.84    | -49.52  | -49.78  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.26544G | -39.00    | -27.00     | -12.00     | 6.01   | 0.00    | -45.01    | -48.82  | -47.49  |

802.11ax HEW20\_Nss1,(MCS0)\_2TX

CSE Bandedge [AV]

5240MHz

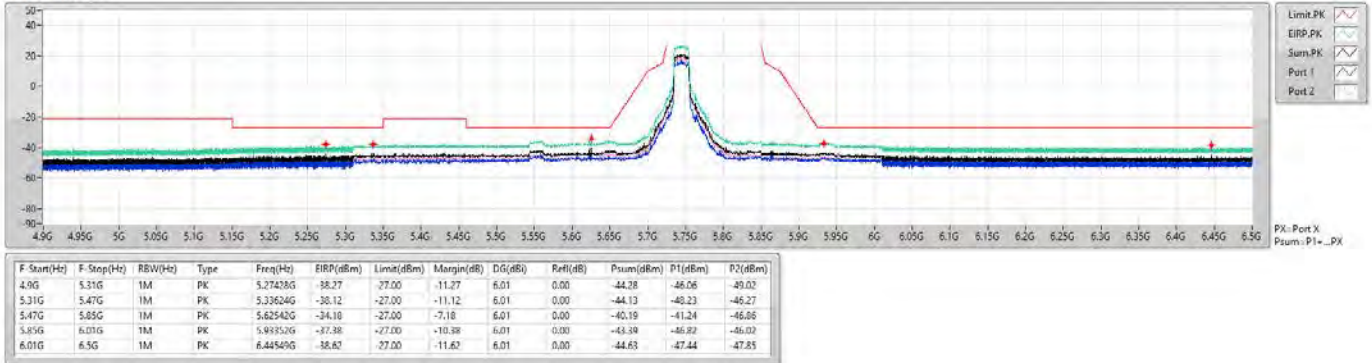


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.03879G | -49.51    | -41.20     | -8.33      | 6.01   | 0.00    | -55.54    | -58.50  | -58.60  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.4548G  | -48.18    | -41.20     | -6.98      | 6.01   | 0.00    | -54.19    | -57.82  | -56.66  |

802.11ax HEW20\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

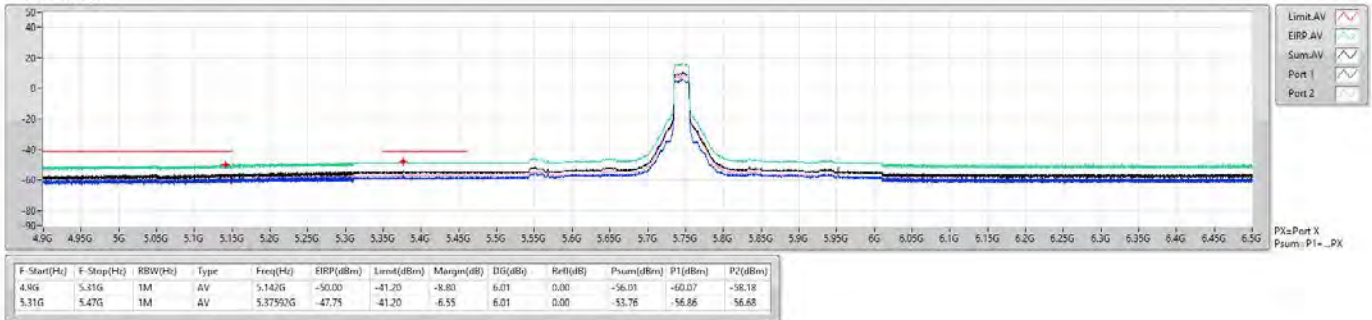
5745MHz



802.11ax HEW20\_Nss1,(MCS0)\_2TX

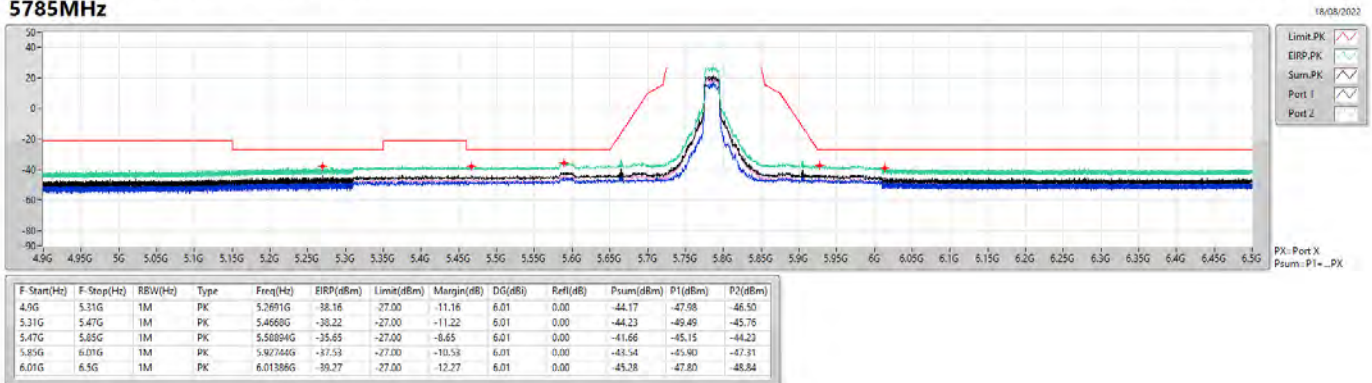
CSE Bandedge [AV]

5745MHz



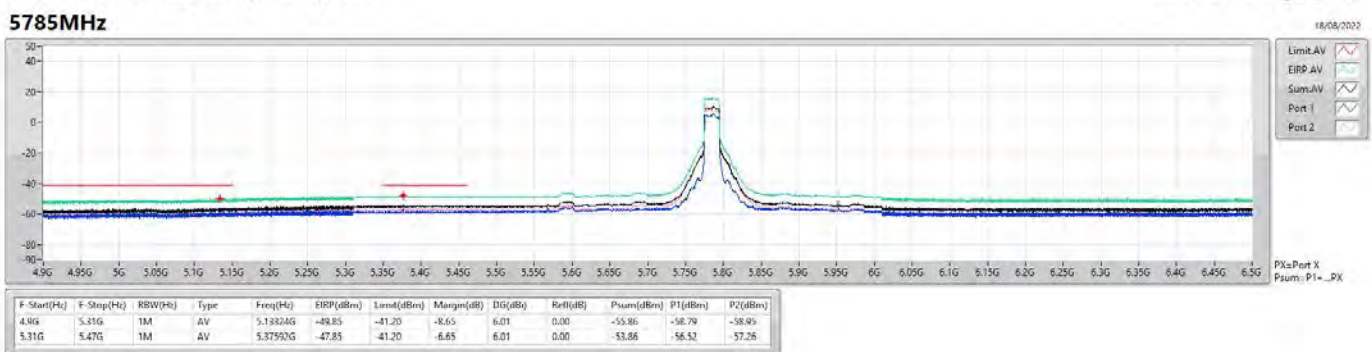
802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5785MHz

CSE Bandedge [PK]



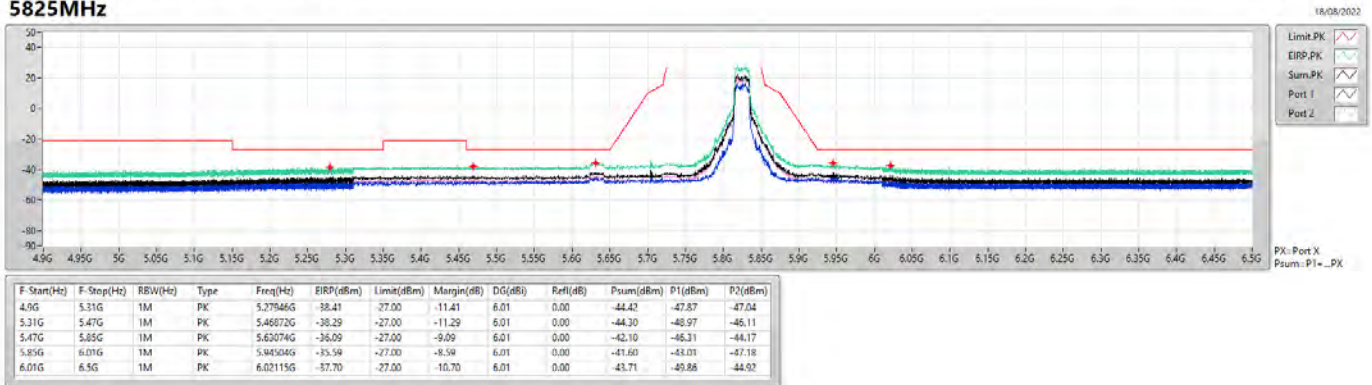
802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5785MHz

CSE Bandedge [AV]



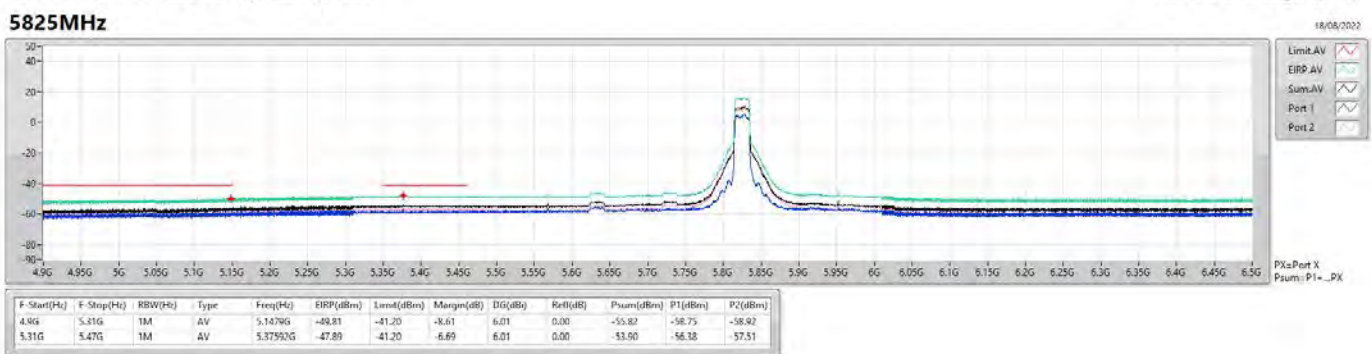
802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5825MHz

CSE Bandedge [PK]



802.11ax HEW20\_Nss1,(MCS0)\_2TX  
5825MHz

CSE Bandedge [AV]



802.11ax HEW40\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

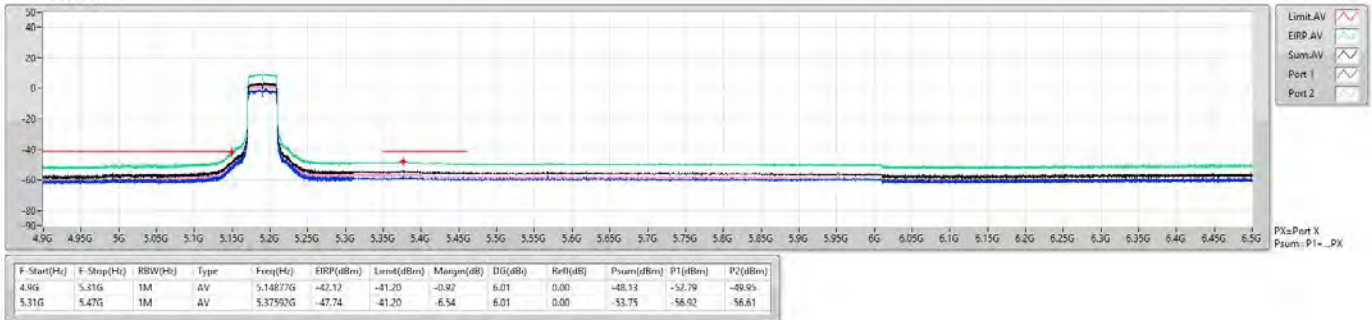
5190MHz



802.11ax HEW40\_Nss1,(MCS0)\_2TX

CSE Bandedge [AV]

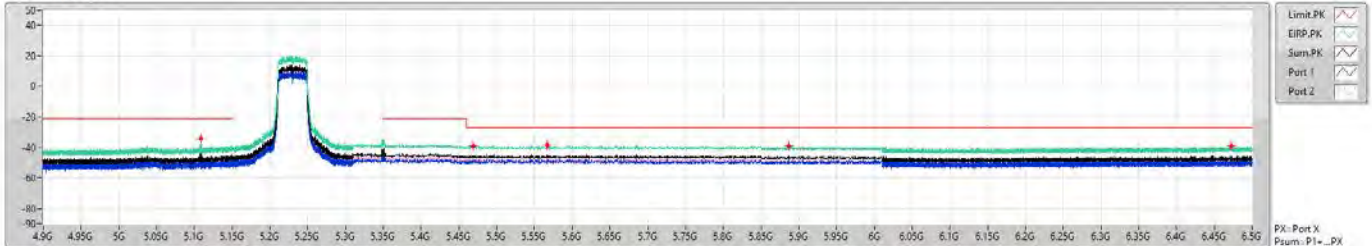
5190MHz



802.11ax HEW40\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

5230MHz

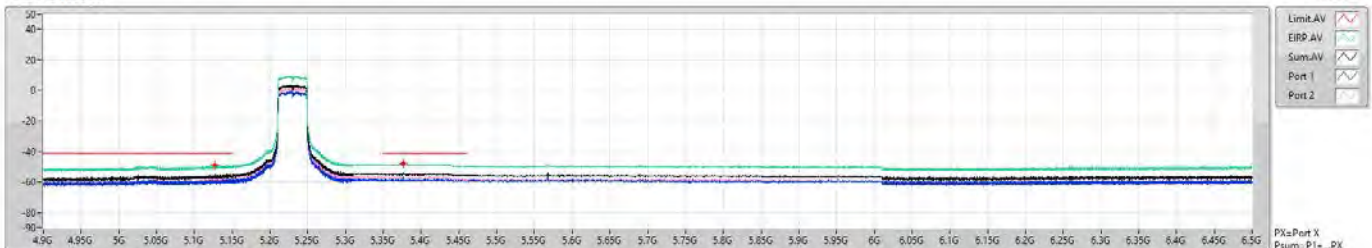


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.10895G | -34.11    | -21.20     | -12.91     | 6.01   | 0.00    | -40.12    | -40.16  | -50.31  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.48929G | -38.94    | -27.00     | -11.94     | 6.01   | 0.00    | -44.95    | -49.50  | -46.82  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.56766G | -38.38    | -27.00     | -11.38     | 6.01   | 0.00    | -44.39    | -47.97  | -46.90  |
| 5.85G       | 6.01G      | 1M      | PK   | 5.89848G | -39.28    | -27.00     | -12.28     | 6.01   | 0.00    | -45.29    | -48.05  | -48.57  |
| 6.01G       | 6.5G       | 1M      | PK   | 6.47201G | -39.19    | -27.00     | -12.19     | 6.01   | 0.00    | -45.20    | -49.73  | -47.09  |

802.11ax HEW40\_Nss1,(MCS0)\_2TX

CSE Bandedge [AV]

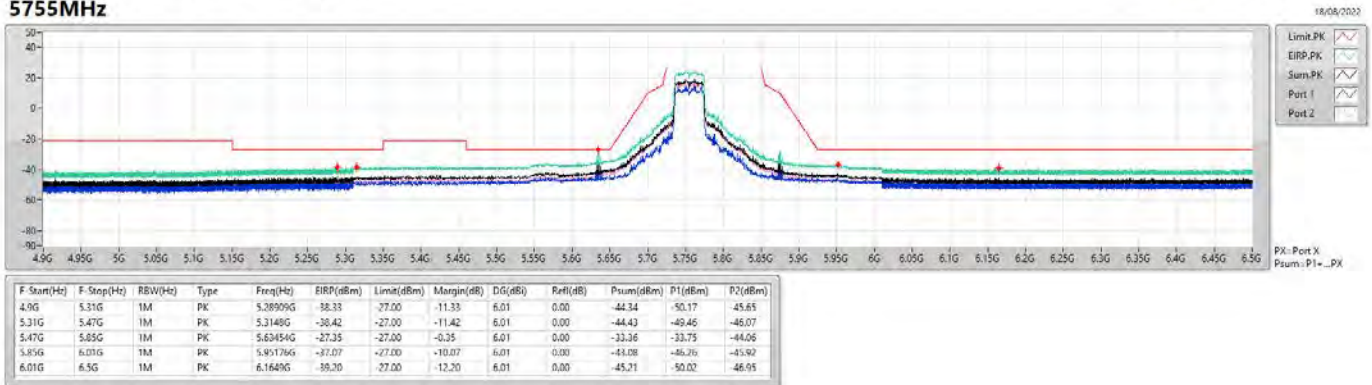
5230MHz



| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.12765G | -49.11    | -41.20     | -7.93      | 6.01   | 0.00    | -55.14    | -59.08  | -57.38  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37952G | -48.04    | -41.20     | -6.84      | 6.01   | 0.00    | -54.05    | -56.82  | -57.32  |

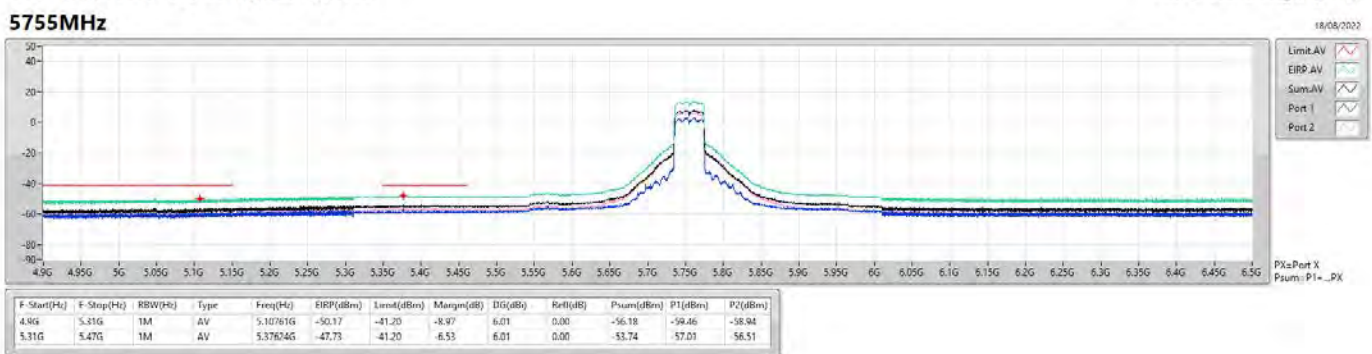
802.11ax HEW40\_Nss1,(MCS0)\_2TX  
5755MHz

CSE Bandedge [PK]



802.11ax HEW40\_Nss1,(MCS0)\_2TX  
5755MHz

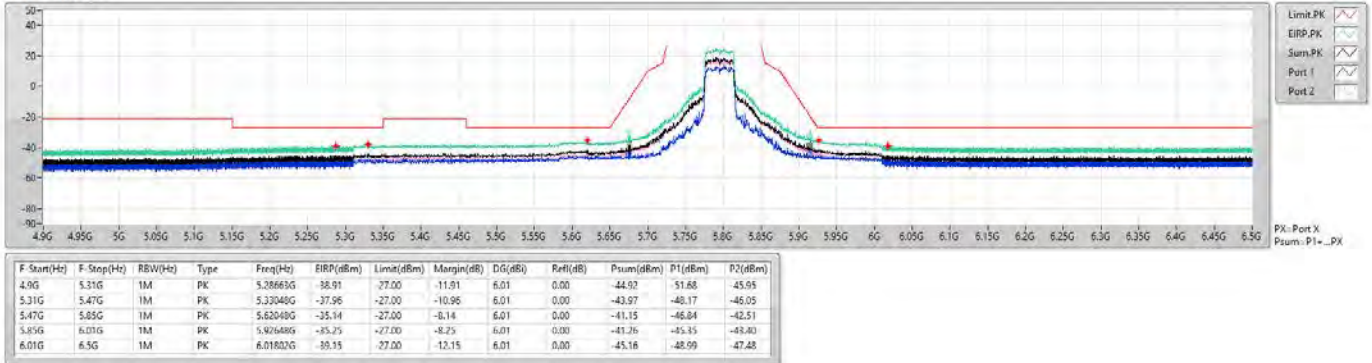
CSE Bandedge [AV]



802.11ax HEW40\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

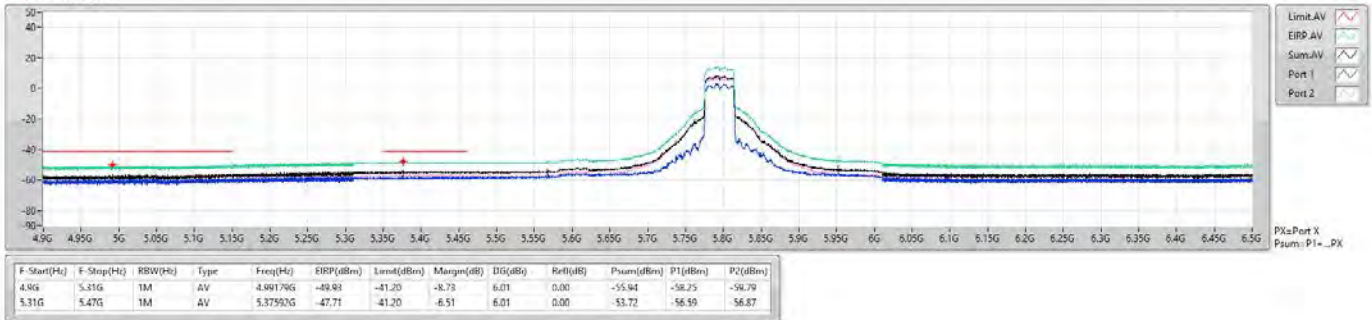
5795MHz



802.11ax HEW40\_Nss1,(MCS0)\_2TX

CSE Bandedge [AV]

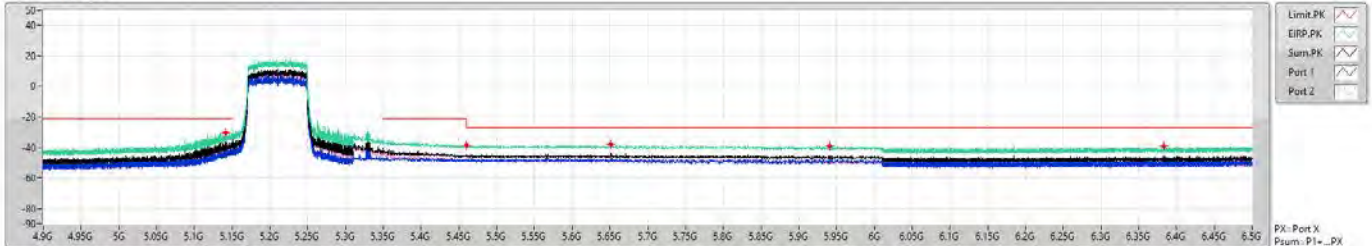
5795MHz



802.11ax HEW80\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

5210MHz

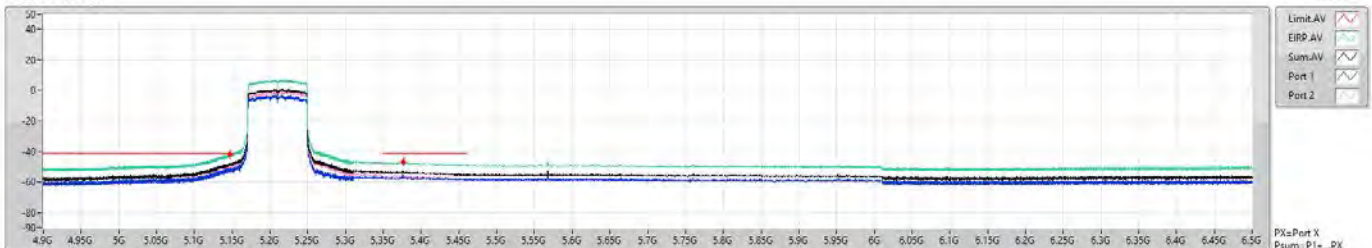


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.14118G | -30.33    | -21.20     | -9.03      | 6.01   | 0.00    | -36.34    | -45.93  | -56.74  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.4604G  | -26.70    | -27.00     | -11.70     | 6.01   | 0.00    | -44.71    | -48.25  | -47.24  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.6505G  | -27.00    | -27.00     | -10.80     | 6.01   | 0.00    | -43.81    | -48.09  | -45.84  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.9412G  | -29.11    | -27.00     | -12.11     | 6.01   | 0.00    | -45.12    | -46.72  | -50.23  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.38295G | -29.18    | -27.00     | -12.18     | 6.01   | 0.00    | -45.19    | -47.81  | -48.61  |

802.11ax HEW80\_Nss1,(MCS0)\_2TX

CSE Bandedge [AV]

5210MHz

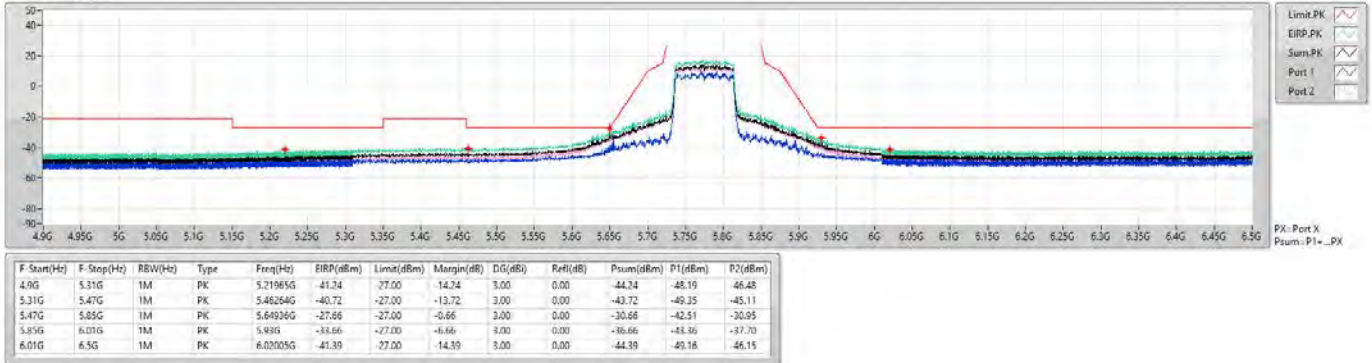


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14788G | -41.66    | -41.20     | -0.46      | 6.01   | 0.00    | -47.67    | -52.00  | -49.67  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -46.68    | -41.20     | -5.48      | 6.01   | 0.00    | -52.69    | -55.28  | -56.16  |

802.11ax HEW80\_Nss1,(MCS0)\_2TX

CSE Bandedge [PK]

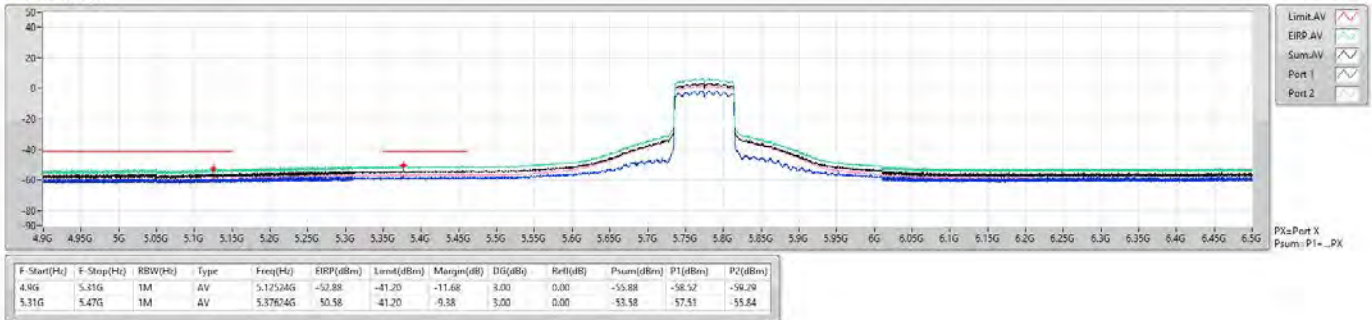
5775MHz



802.11ax HEW80\_Nss1,(MCS0)\_2TX

CSE Bandedge [AV]

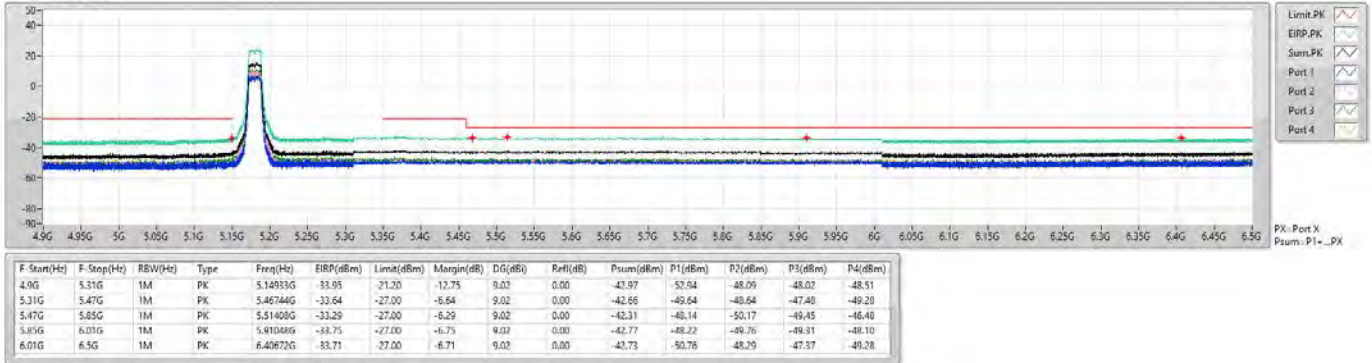
5775MHz



802.11a\_Nss1,(6Mbps)\_4TX

CSE Bandedge [PK]

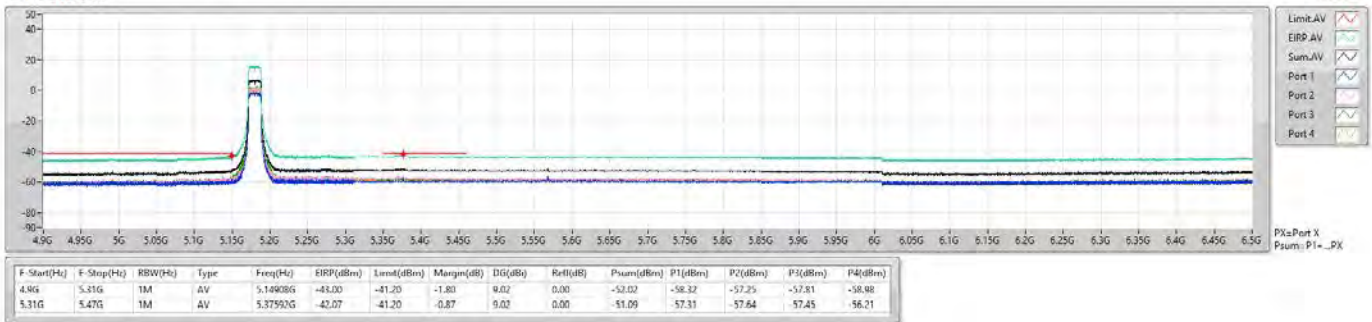
5180MHz



802.11a\_Nss1,(6Mbps)\_4TX

CSE Bandedge [AV]

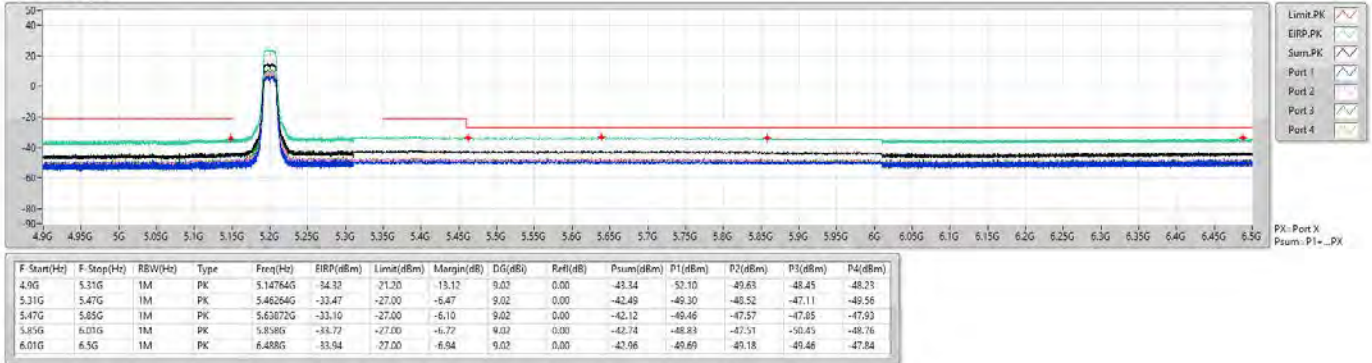
5180MHz



802.11a\_Nss1,(6Mbps)\_4TX

CSE Bandedge [PK]

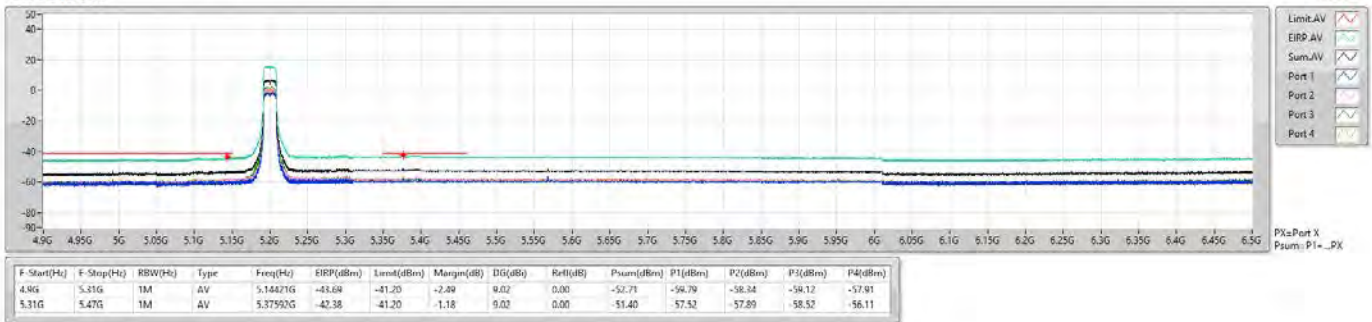
5200MHz



802.11a\_Nss1,(6Mbps)\_4TX

CSE Bandedge [AV]

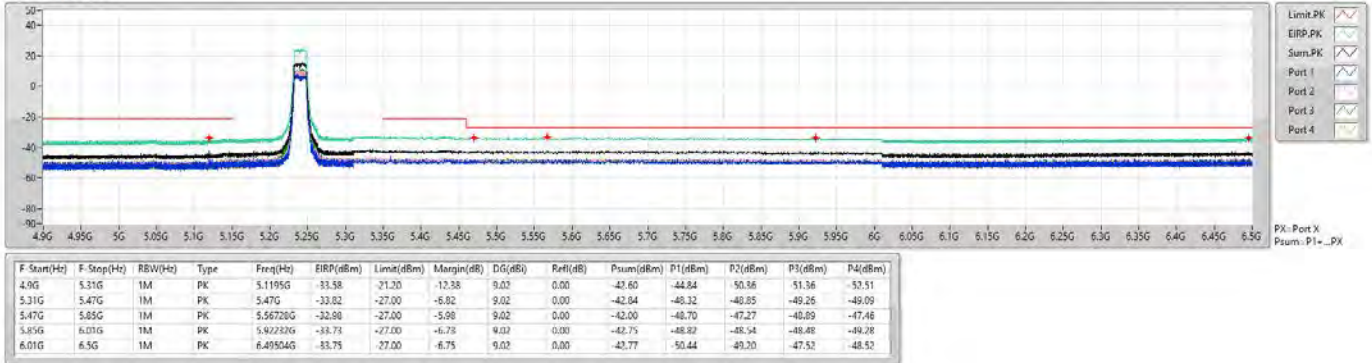
5200MHz



802.11a\_Nss1,(6Mbps)\_4TX

5240MHz

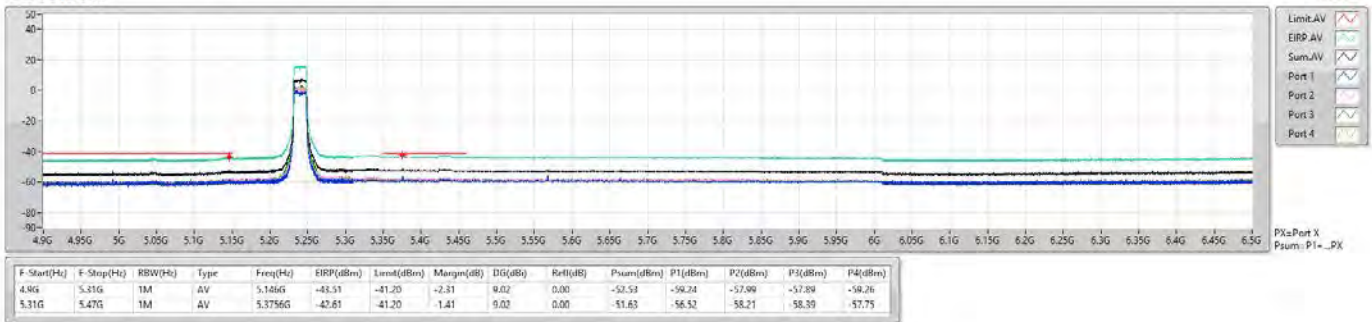
CSE Bandedge [PK]



802.11a\_Nss1,(6Mbps)\_4TX

5240MHz

CSE Bandedge [AV]

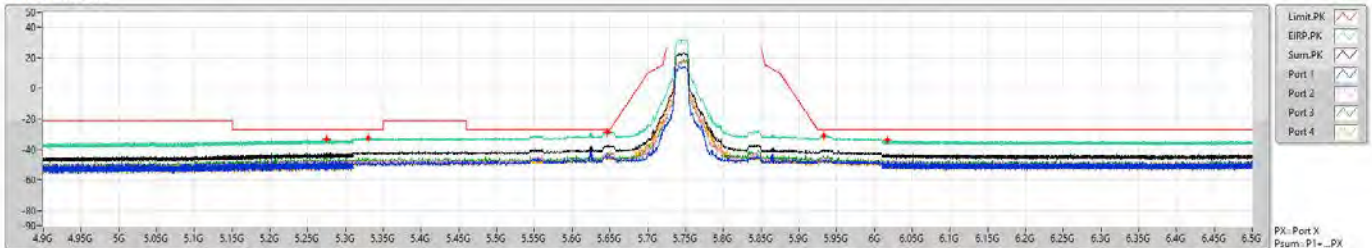


802.11a\_Nss1,(6Mbps)\_4TX

5745MHz

CSE Bandedge [PK]

18/08/2022



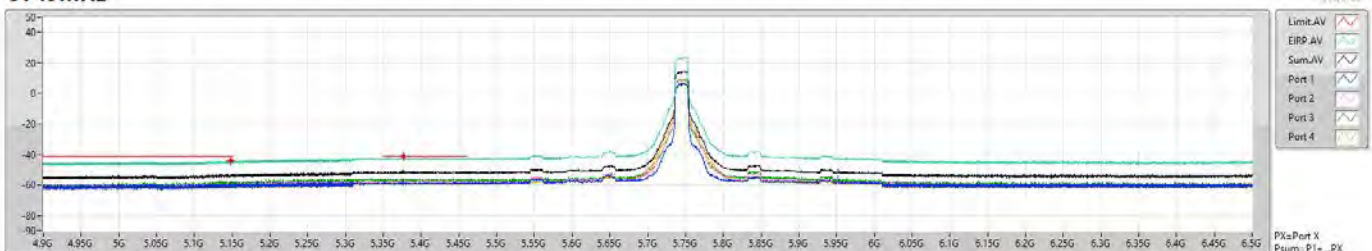
| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) | P3(dBm) | P4(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.275G   | -31.05    | -27.00     | -6.05      | 9.02   | 0.00    | -42.07    | -51.33  | -49.03  | -44.73  | -50.72  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.33040G | -22.46    | -27.00     | -5.46      | 9.02   | 0.00    | -41.48    | -48.78  | -47.79  | -45.43  | -48.98  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.64612G | -28.53    | -27.00     | -1.53      | 9.02   | 0.00    | -37.55    | -46.11  | -42.82  | -41.63  | -45.15  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.93788G | -31.16    | -27.00     | -4.16      | 9.02   | 0.00    | -40.18    | -47.50  | -45.77  | -44.50  | -47.89  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.01741G | -33.80    | -27.00     | -6.80      | 9.02   | 0.00    | -42.82    | -48.31  | -50.21  | -46.78  | -51.99  |

802.11a\_Nss1,(6Mbps)\_4TX

5745MHz

CSE Bandedge [AV]

18/08/2022



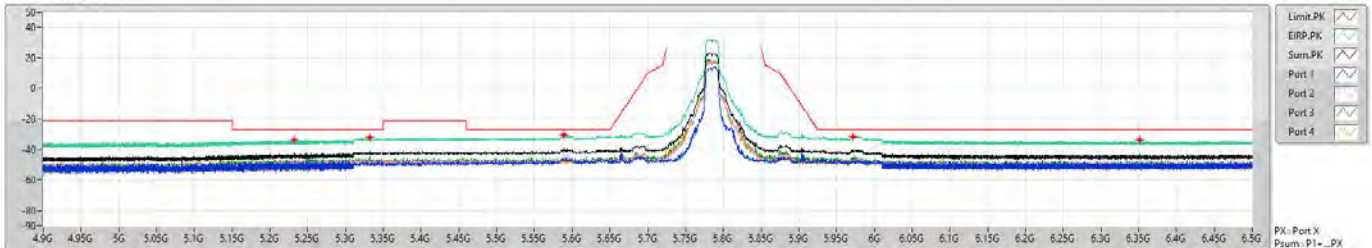
| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) | P3(dBm) | P4(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14826G | -44.14    | -41.20     | -2.94      | 9.02   | 0.00    | -54.16    | -59.64  | -59.26  | -57.83  | -60.42  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -41.46    | -41.20     | -0.26      | 9.02   | 0.00    | -50.48    | -56.88  | -57.27  | -56.38  | -55.85  |

802.11a\_Nss1,(6Mbps)\_4TX

5785MHz

CSE Bandedge [PK]

18/08/2022



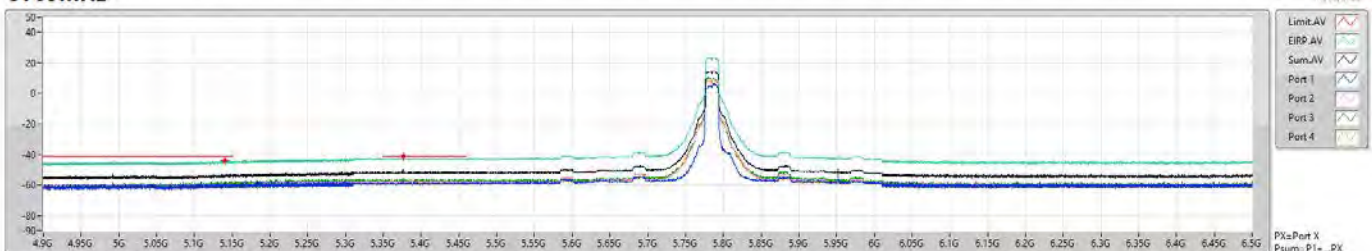
| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) | P3(dBm) | P4(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.33246G | -33.53    | -27.00     | -6.53      | 9.02   | 0.00    | -42.53    | -48.39  | -49.83  | -47.85  | -48.39  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.33179G | -32.11    | -27.00     | -5.11      | 9.02   | 0.00    | -41.13    | -46.85  | -46.50  | -43.91  | -49.10  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.5897G  | -30.31    | -27.00     | -3.31      | 9.02   | 0.00    | -39.33    | -46.43  | -42.03  | -45.34  | -48.20  |
| 5.85G       | 6.07G      | 1M      | PK   | 5.97126G | -31.30    | -27.00     | -4.30      | 9.02   | 0.00    | -40.32    | -45.71  | -47.59  | -45.17  | -47.49  |
| 6.07G       | 6.5G       | 1M      | PK   | 6.35073G | -33.91    | -27.00     | -6.91      | 9.02   | 0.00    | -42.93    | -51.50  | -48.25  | -49.62  | -47.46  |

802.11a\_Nss1,(6Mbps)\_4TX

5785MHz

CSE Bandedge [AV]

18/08/2022

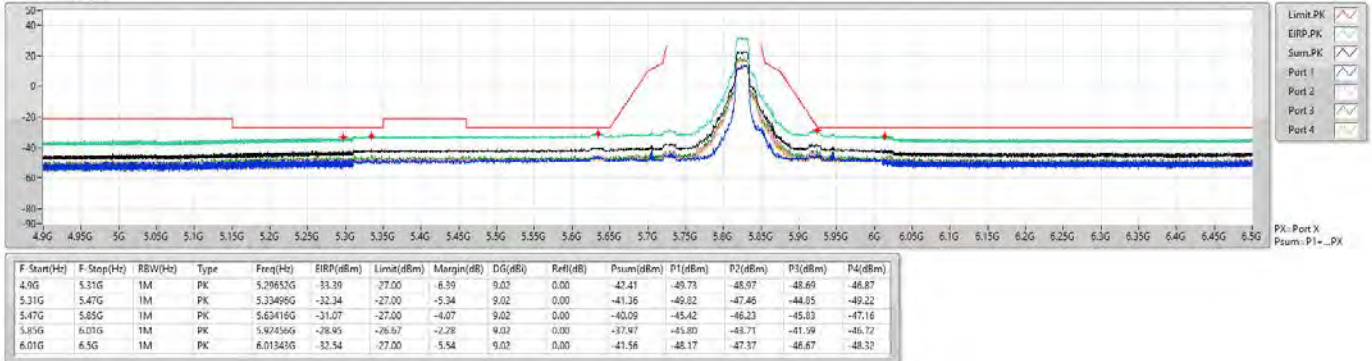


| F_Start(Hz) | F_Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) | P3(dBm) | P4(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14037G | -44.26    | -41.20     | -3.06      | 9.02   | 0.00    | -54.28    | -58.22  | -59.39  | -58.84  | -61.35  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -41.31    | -41.20     | -0.11      | 9.02   | 0.00    | -50.33    | -57.04  | -57.44  | -55.51  | -55.73  |

802.11a\_Nss1,(6Mbps)\_4TX

CSE Bandedge [PK]

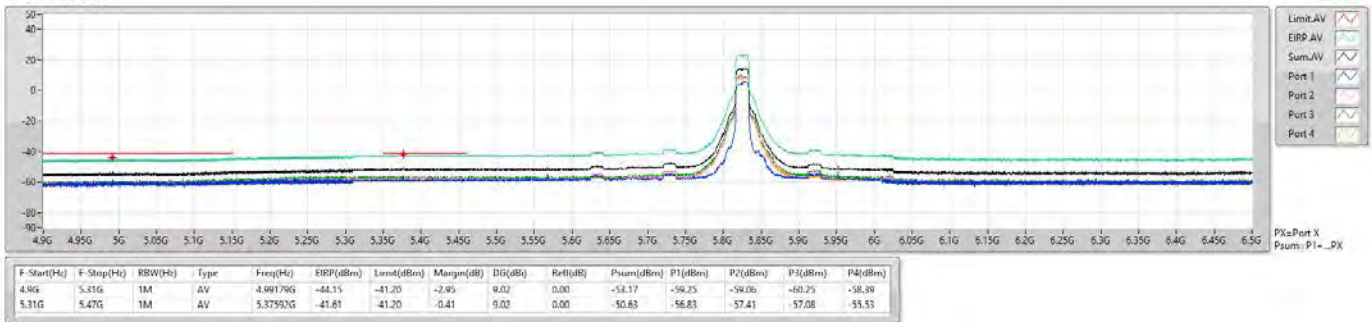
5825MHz



802.11a\_Nss1,(6Mbps)\_4TX

CSE Bandedge [AV]

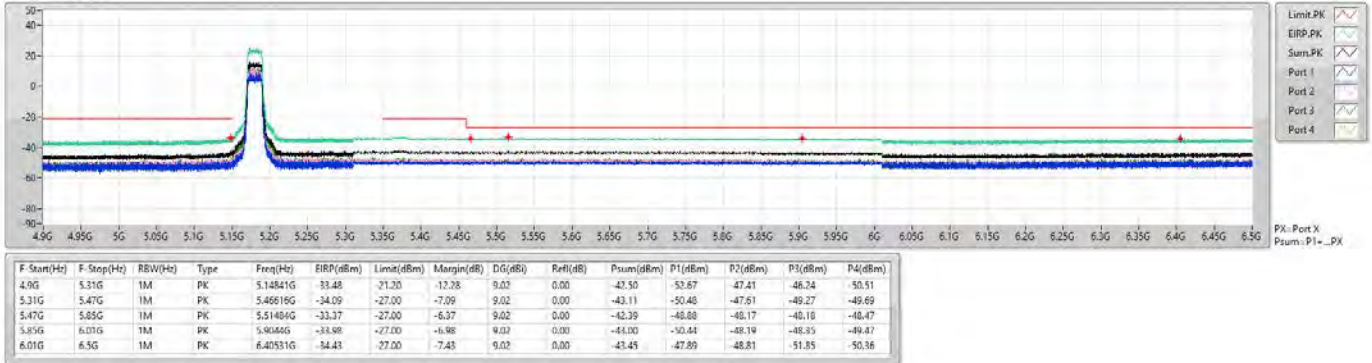
5825MHz



802.11ax HEW20\_Nss1,(MCS0)\_4TX

CSE Bandedge [PK]

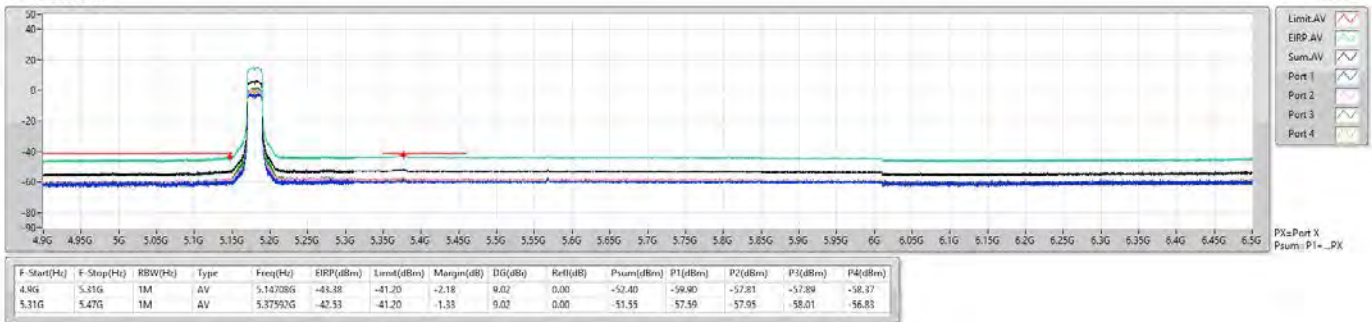
5180MHz



802.11ax HEW20\_Nss1,(MCS0)\_4TX

CSE Bandedge [AV]

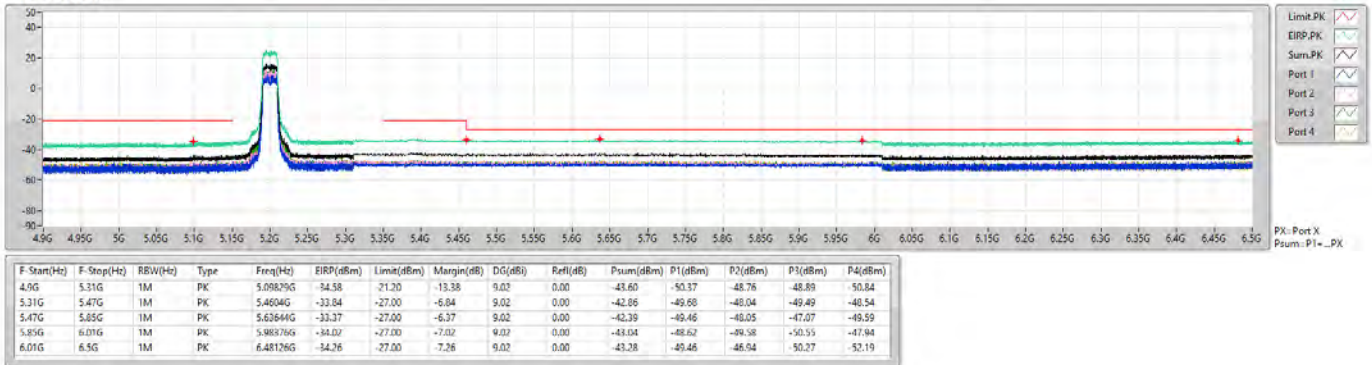
5180MHz



802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5200MHz

CSE Bandedge [PK]

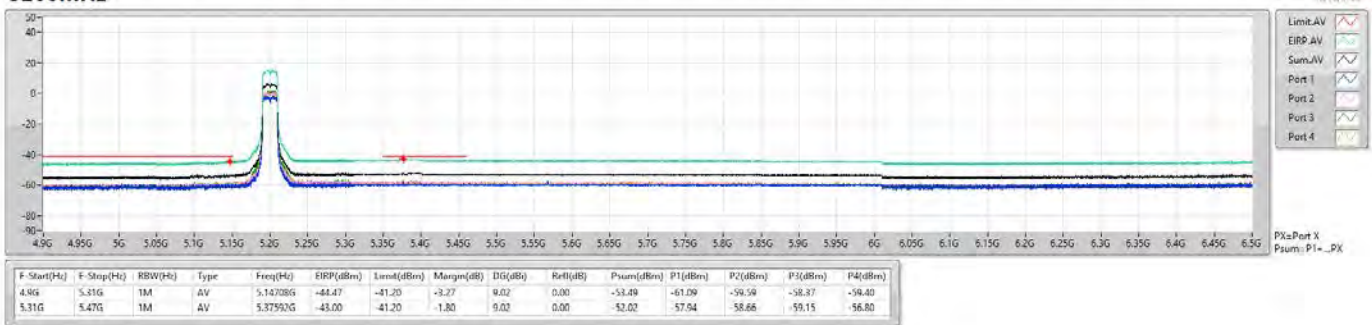
19/08/2022



802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5200MHz

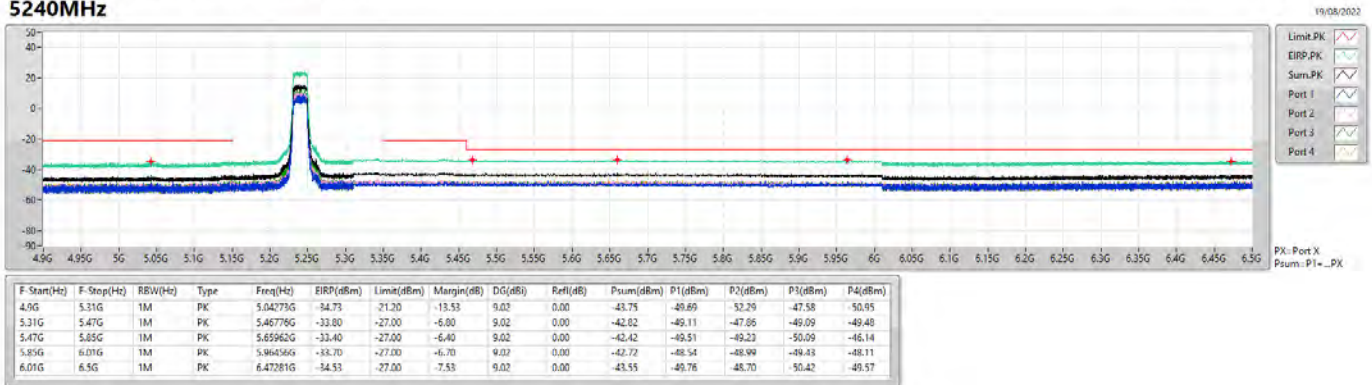
CSE Bandedge [AV]

19/08/2022



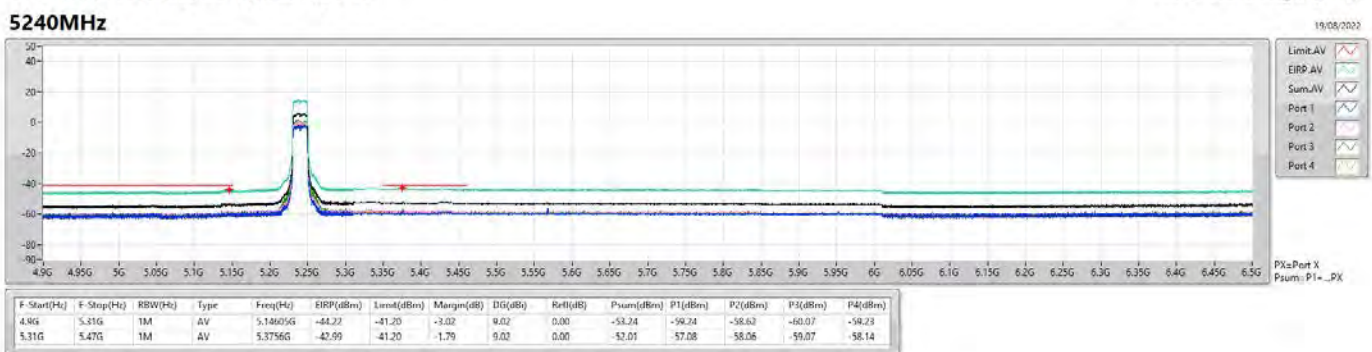
802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5240MHz

CSE Bandedge [PK]



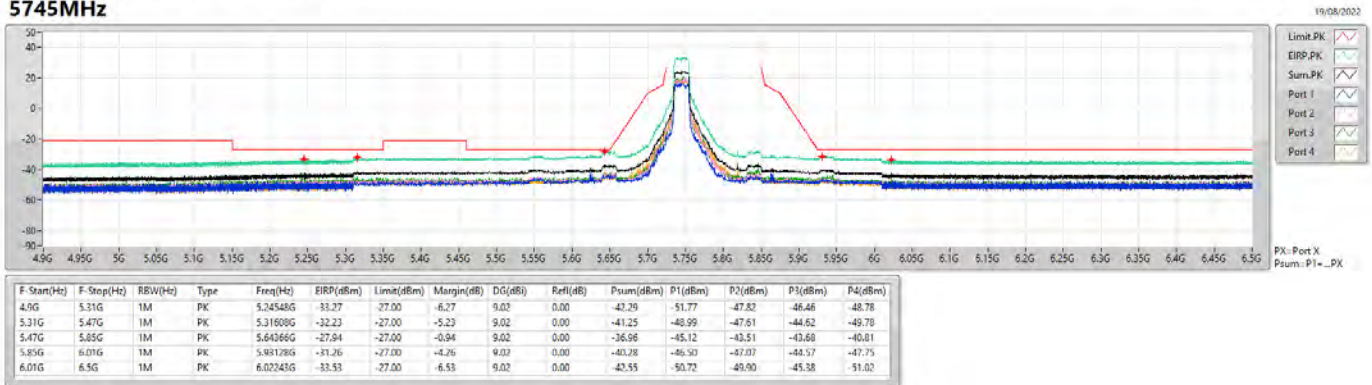
802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5240MHz

CSE Bandedge [AV]



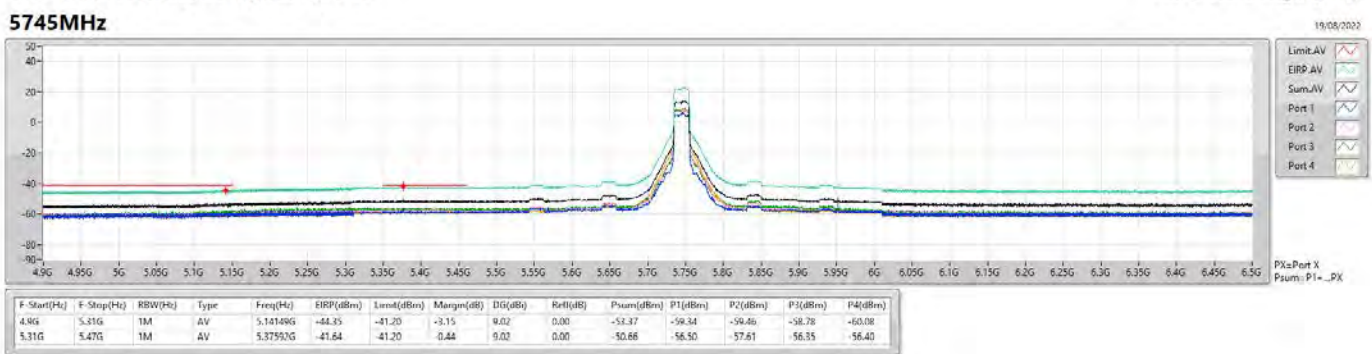
802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5745MHz

CSE Bandedge [PK]



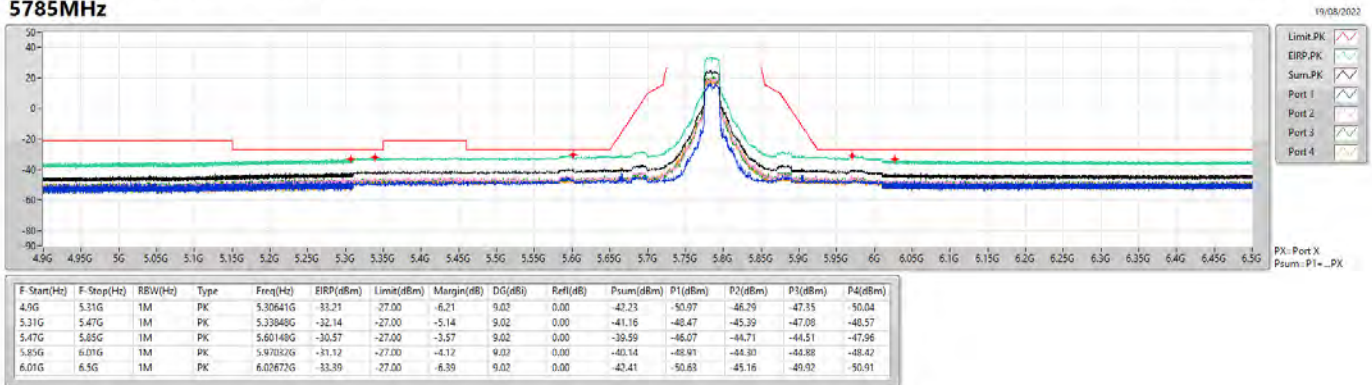
802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5745MHz

CSE Bandedge [AV]



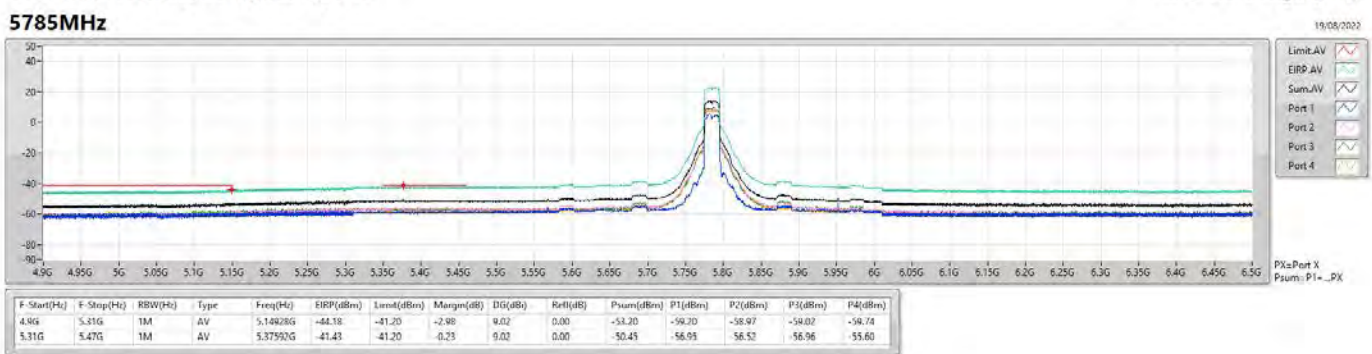
802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5785MHz

CSE Bandedge [PK]



802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5785MHz

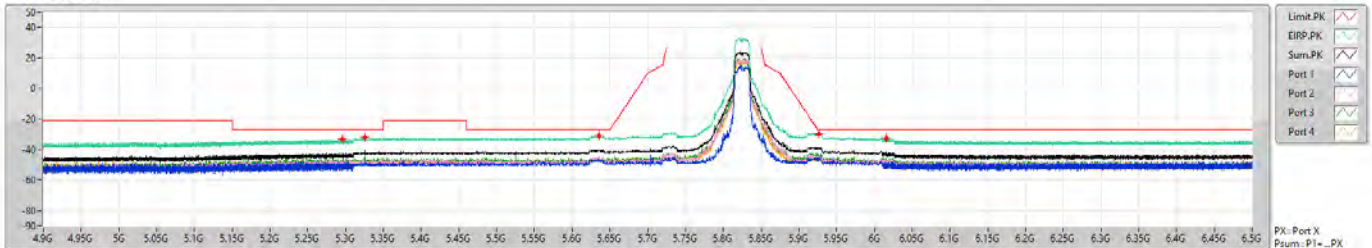
CSE Bandedge [AV]



802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5825MHz

CSE Bandedge [PK]

19/08/2022

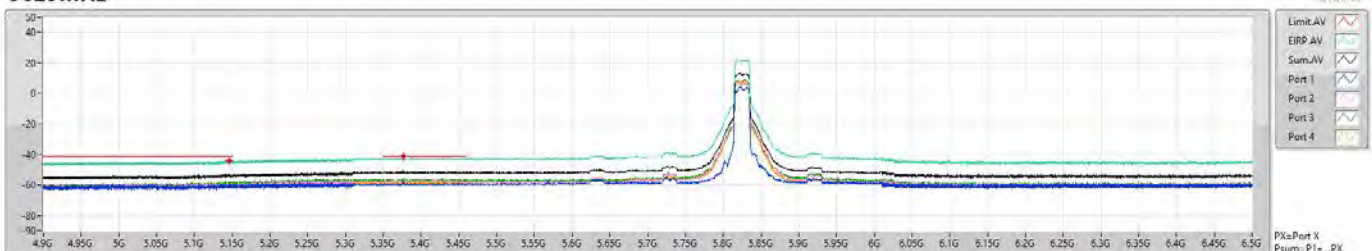


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) | P3(dBm) | P4(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|---------|---------|
| 4.9G        | 5.31G      | 1M      | PK   | 5.29575G | -33.31    | -27.00     | -6.31      | 9.02   | 0.00    | -43.33    | -50.34  | -46.01  | -48.43  | -50.08  |
| 5.31G       | 5.47G      | 1M      | PK   | 5.32596G | -31.87    | -27.00     | -4.87      | 9.02   | 0.00    | -40.89    | -48.71  | -47.55  | -44.22  | -48.01  |
| 5.47G       | 5.85G      | 1M      | PK   | 5.6356G  | -31.21    | -27.00     | -4.21      | 9.02   | 0.00    | -40.23    | -46.50  | -44.87  | -47.11  | -46.88  |
| 5.85G       | 6.01G      | 1M      | PK   | 5.92988G | -29.83    | -27.00     | -2.83      | 9.02   | 0.00    | -38.85    | -46.79  | -43.76  | -43.79  | -47.49  |
| 6.01G       | 6.5G       | 1M      | PK   | 6.01806G | -32.57    | -27.00     | -5.57      | 9.02   | 0.00    | -41.59    | -50.85  | -47.10  | -45.60  | -48.49  |

802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5825MHz

CSE Bandedge [AV]

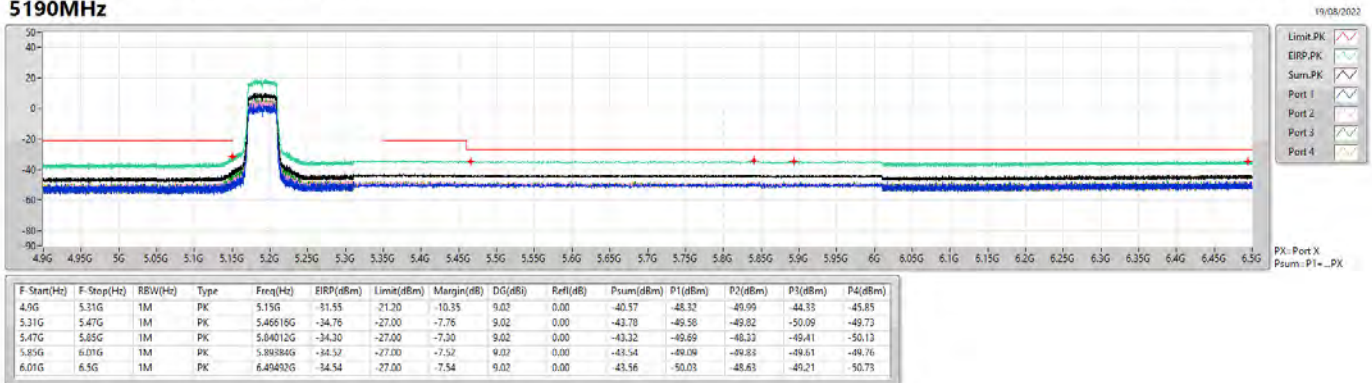
19/08/2022



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | EIRP(dBm) | Limit(dBm) | Margin(dB) | DG(dB) | Ref(dB) | Psum(dBm) | P1(dBm) | P2(dBm) | P3(dBm) | P4(dBm) |
|-------------|------------|---------|------|----------|-----------|------------|------------|--------|---------|-----------|---------|---------|---------|---------|
| 4.9G        | 5.31G      | 1M      | AV   | 5.14596G | -41.06    | -41.20     | -2.86      | 9.02   | 0.00    | -51.08    | -59.50  | -59.74  | -58.05  | -59.32  |
| 5.31G       | 5.47G      | 1M      | AV   | 5.37592G | -41.43    | -41.20     | -0.23      | 9.02   | 0.00    | -50.45    | -57.95  | -57.29  | -55.79  | -55.55  |

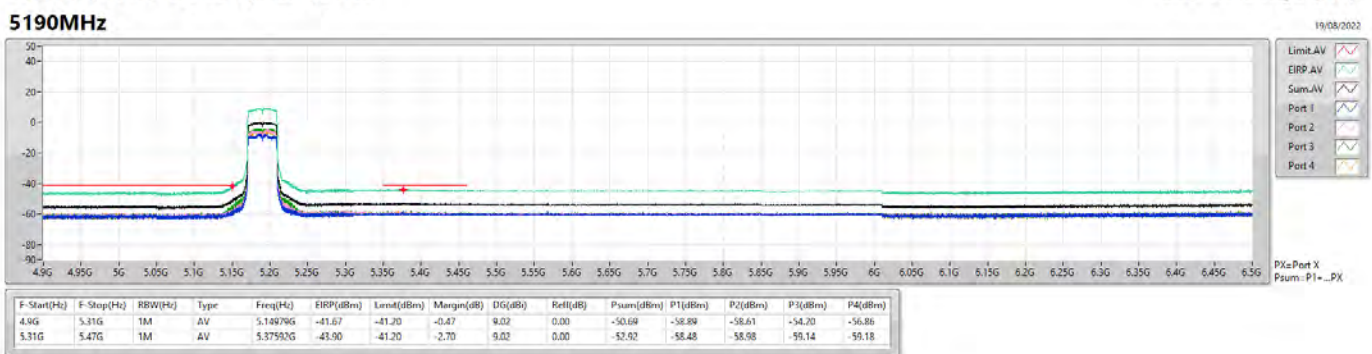
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5190MHz

CSE Bandedge [PK]



802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5190MHz

CSE Bandedge [AV]



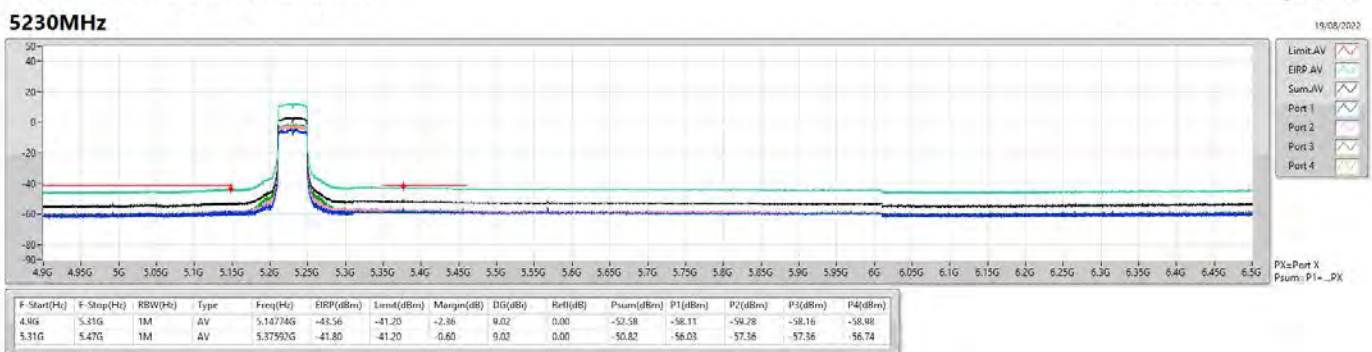
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5230MHz

CSE Bandedge [PK]



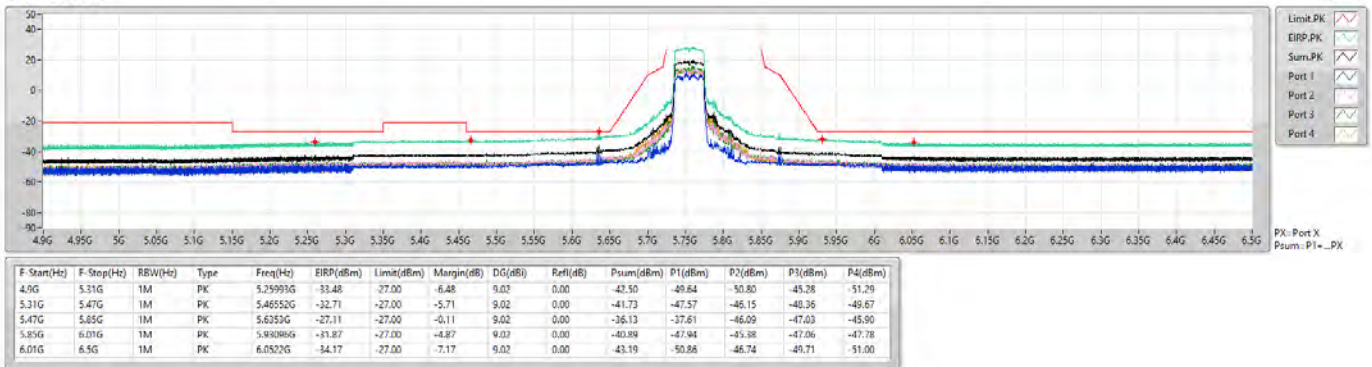
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5230MHz

CSE Bandedge [AV]



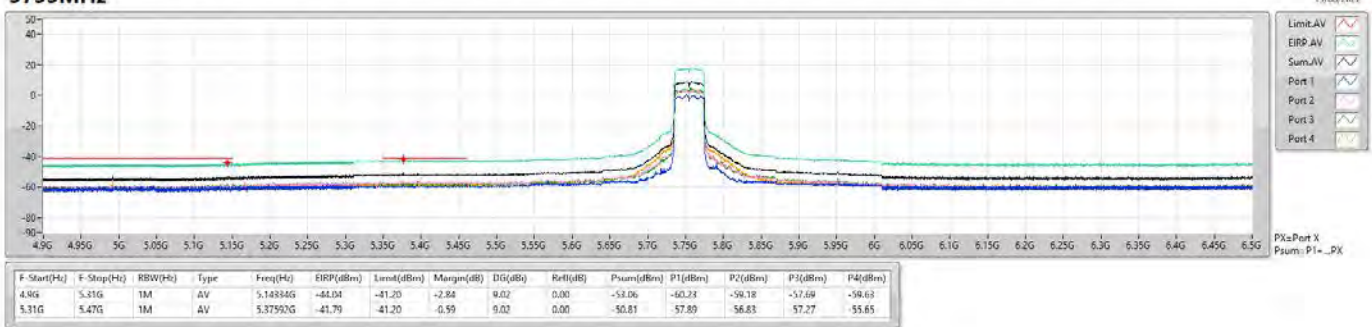
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5755MHz

CSE Bandedge [PK]



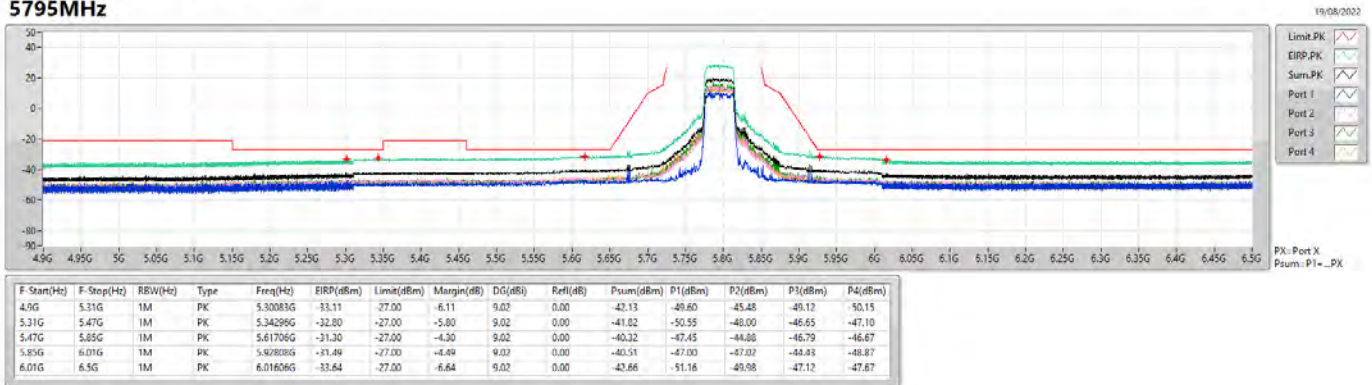
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5755MHz

CSE Bandedge [AV]



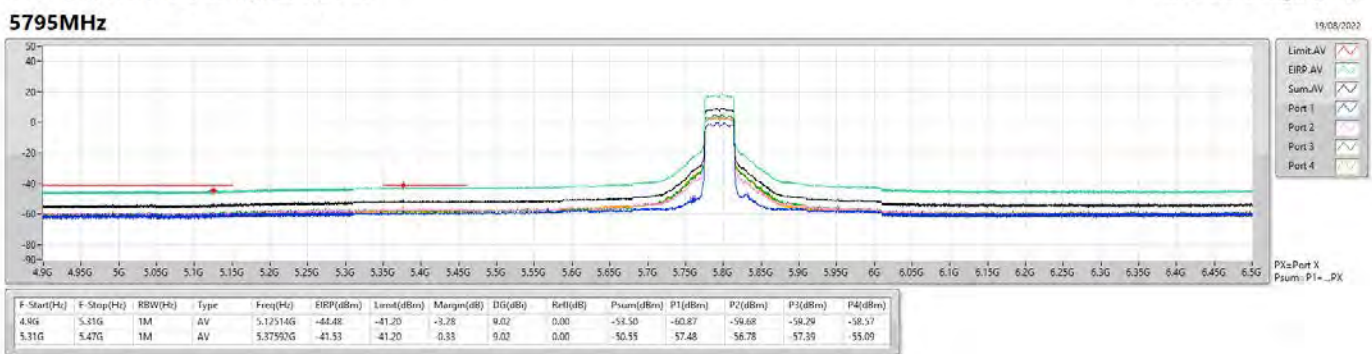
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5795MHz

CSE Bandedge [PK]



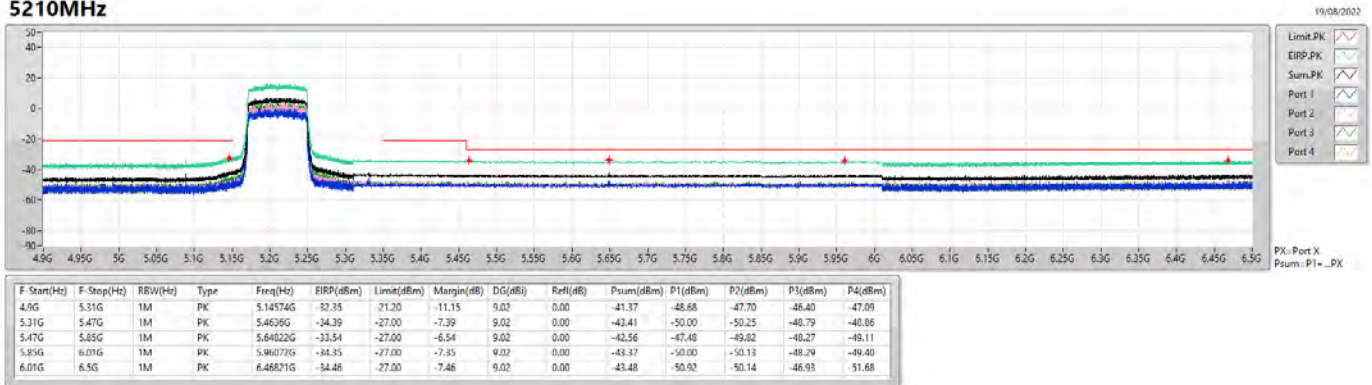
802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5795MHz

CSE Bandedge [AV]



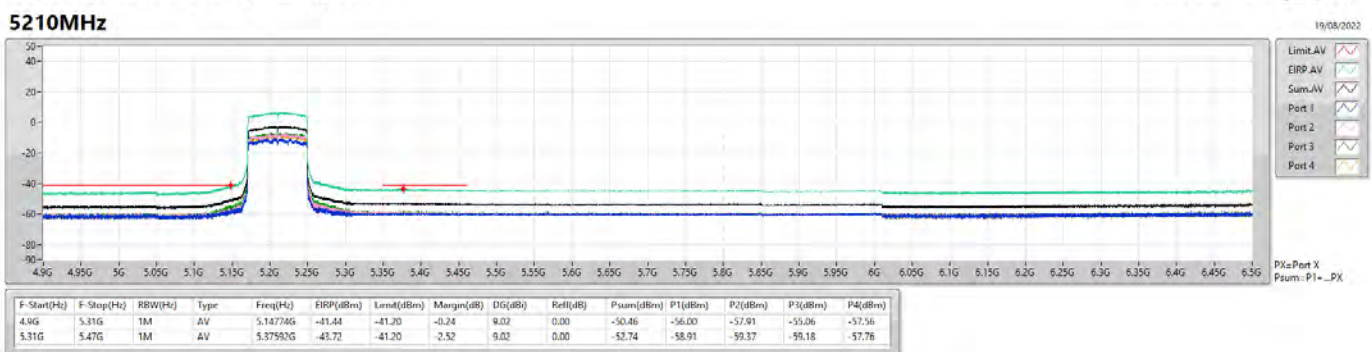
802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5210MHz

CSE Bandedge [PK]



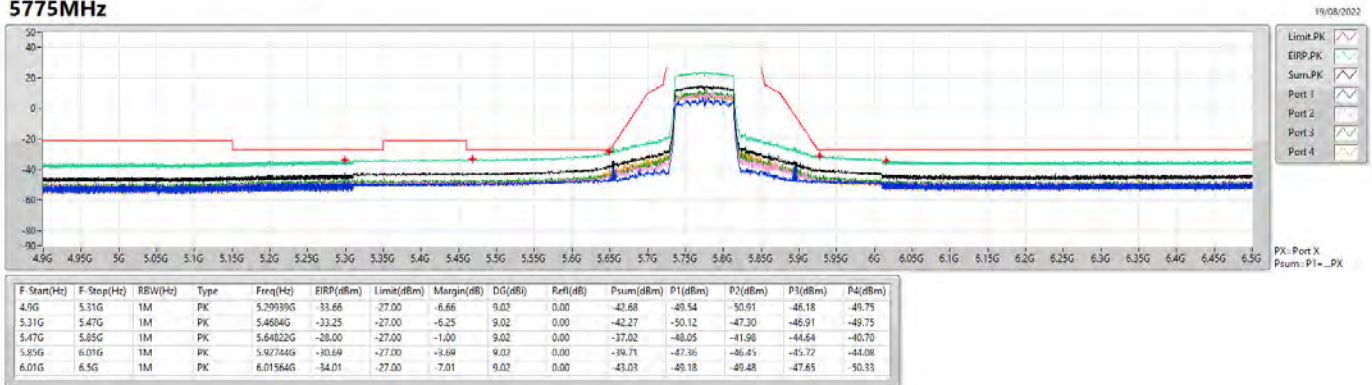
802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5210MHz

CSE Bandedge [AV]



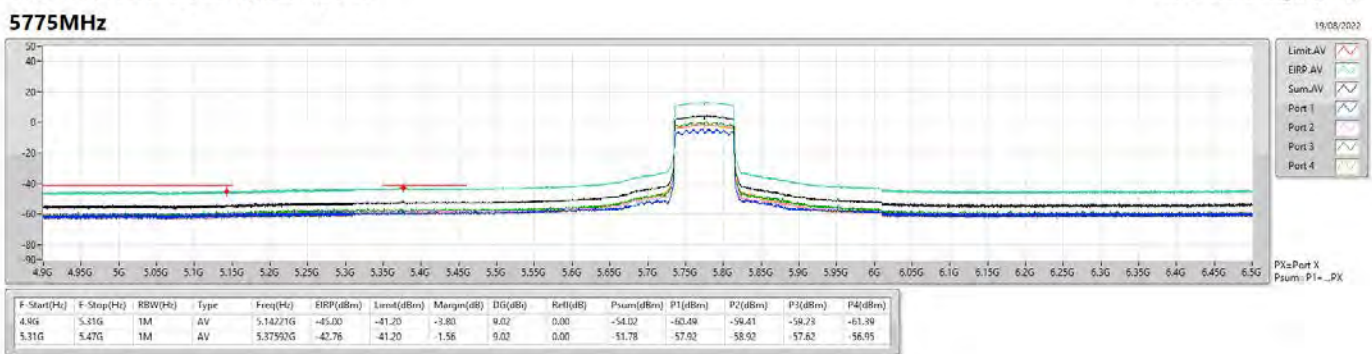
802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5775MHz

CSE Bandedge [PK]



802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5775MHz

CSE Bandedge [AV]





## CSE\_Iron R1\_Antenna set 10 (Harmonic 1GHz ~ 8GHz)\_P to M Appendix E.5

### Summary

| Mode                          | Result | F-Start<br>(Hz) | F-Stop<br>(Hz) | Type | Freq<br>(Hz) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | P1<br>(dBm) | P2<br>(dBm) | P3<br>(dBm) | P4<br>(dBm) |
|-------------------------------|--------|-----------------|----------------|------|--------------|---------------|----------------|----------------|-------------|-------------|-------------|-------------|
| 5.15-5.25GHz                  | -      | -               | -              | -    | -            | -             | -              | -              | -           | -           | -           | -           |
| 802.11a_Nss1(6Mbps)_1TX       | Pass   | 5.35G           | 5.39G          | AV   | 5.376G       | -43.81        | -41.20         | -2.61          | -62.34      |             |             |             |
| 802.11ax HEW20_Nss1(MCS0)_1TX | Pass   | 5.35G           | 5.39G          | AV   | 5.37592G     | -41.59        | -41.20         | -0.39          | -60.12      |             |             |             |
| 802.11ax HEW40_Nss1(MCS0)_1TX | Pass   | 5.35G           | 5.43G          | AV   | 5.37592G     | -44.09        | -41.20         | -2.89          | -62.62      |             |             |             |
| 802.11ax HEW80_Nss1(MCS0)_1TX | Pass   | 5.35G           | 5.51G          | AV   | 5.37592G     | -44.43        | -41.20         | -3.23          | -62.96      |             |             |             |
| 802.11a_Nss1(6Mbps)_2TX       | Pass   | 5.35G           | 5.39G          | AV   | 5.376G       | -42.57        | -41.20         | -1.37          | -62.60      | -66.45      |             |             |
| 802.11ax HEW20_Nss1(MCS0)_2TX | Pass   | 5.35G           | 5.39G          | AV   | 5.376G       | -42.25        | -41.20         | -1.05          | -62.94      | -64.86      |             |             |
| 802.11ax HEW40_Nss1(MCS0)_2TX | Pass   | 5.35G           | 5.43G          | AV   | 5.37592G     | -43.28        | -41.20         | -2.08          | -63.04      | -67.90      |             |             |
| 802.11ax HEW80_Nss1(MCS0)_2TX | Pass   | 5.35G           | 5.51G          | AV   | 5.37592G     | -45.09        | -41.20         | -3.89          | -65.76      | -67.71      |             |             |
| 802.11a_Nss1(6Mbps)_4TX       | Pass   | 5.35G           | 5.39G          | AV   | 5.37592G     | -43.51        | -41.20         | -2.31          | -67.92      | -70.04      | -67.24      | -67.54      |
| 802.11ax HEW20_Nss1(MCS0)_4TX | Pass   | 5.35G           | 5.39G          | AV   | 5.37592G     | -43.60        | -41.20         | -2.40          | -68.06      | -70.21      | -67.43      | -67.46      |
| 802.11ax HEW40_Nss1(MCS0)_4TX | Pass   | 5.35G           | 5.43G          | AV   | 5.37592G     | -43.46        | -41.20         | -2.26          | -66.84      | -70.43      | -67.53      | -68.02      |
| 802.11ax HEW80_Nss1(MCS0)_4TX | Pass   | 5.35G           | 5.51G          | AV   | 5.37592G     | -44.09        | -41.20         | -2.89          | -68.20      | -70.49      | -68.17      | -68.12      |
| 5.725-5.85GHz                 | -      | -               | -              | -    | -            | -             | -              | -              | -           | -           | -           | -           |
| 802.11a_Nss1(6Mbps)_1TX       | Pass   | 1G              | 5.685G         | AV   | 5.37638G     | -42.33        | -41.20         | -1.13          | -60.86      |             |             |             |
| 802.11ax HEW20_Nss1(MCS0)_1TX | Pass   | 1G              | 5.685G         | AV   | 5.37638G     | -42.18        | -41.20         | -0.98          | -60.71      |             |             |             |
| 802.11ax HEW40_Nss1(MCS0)_1TX | Pass   | 5.85G           | 5.93G          | PK   | 5.91592G     | -24.32        | -20.28         | -4.04          | -42.85      |             |             |             |
| 802.11ax HEW80_Nss1(MCS0)_1TX | Pass   | 5.565G          | 5.725G         | PK   | 5.6546G      | -25.74        | -23.60         | -2.14          | -44.27      |             |             |             |
| 802.11a_Nss1(6Mbps)_2TX       | Pass   | 1G              | 5.685G         | AV   | 5.37638G     | -44.03        | -41.20         | -2.83          | -64.28      | -67.42      |             |             |
| 802.11ax HEW20_Nss1(MCS0)_2TX | Pass   | 1G              | 5.685G         | AV   | 5.37638G     | -43.11        | -41.20         | -1.91          | -63.00      | -67.35      |             |             |
| 802.11ax HEW40_Nss1(MCS0)_2TX | Pass   | 1G              | 5.645G         | AV   | 5.37617G     | -42.81        | -41.20         | -1.61          | -62.77      | -66.87      |             |             |
| 802.11ax HEW80_Nss1(MCS0)_2TX | Pass   | 5.565G          | 5.725G         | PK   | 5.65044G     | -28.07        | -26.67         | -1.40          | -47.48      | -53.98      |             |             |
| 802.11a_Nss1(6Mbps)_4TX       | Pass   | 1G              | 5.685G         | AV   | 5.37638G     | -43.87        | -41.20         | -2.67          | -70.88      | -71.67      | -70.32      | -64.77      |
| 802.11ax HEW20_Nss1(MCS0)_4TX | Pass   | 1G              | 5.685G         | AV   | 5.37638G     | -43.69        | -41.20         | -2.49          | -70.73      | -70.11      | -70.13      | -64.94      |
| 802.11ax HEW40_Nss1(MCS0)_4TX | Pass   | 1G              | 5.645G         | AV   | 5.37617G     | -43.93        | -41.20         | -2.73          | -71.19      | -71.10      | -69.49      | -65.20      |
| 802.11ax HEW80_Nss1(MCS0)_4TX | Pass   | 1G              | 5.565G         | AV   | 5.37612G     | -43.62        | -41.20         | -2.42          | -71.04      | -71.26      | -69.74      | -64.56      |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX