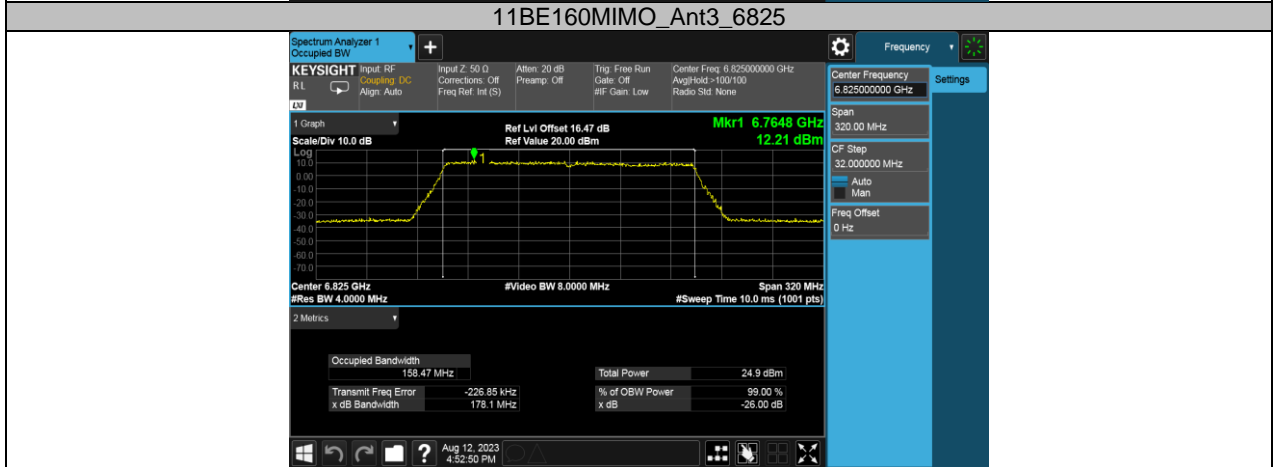
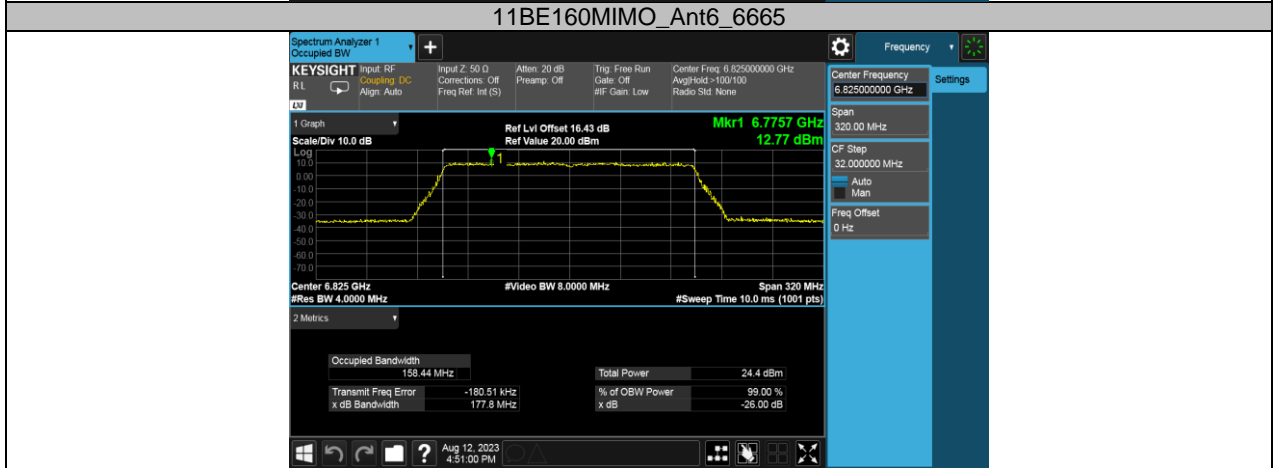
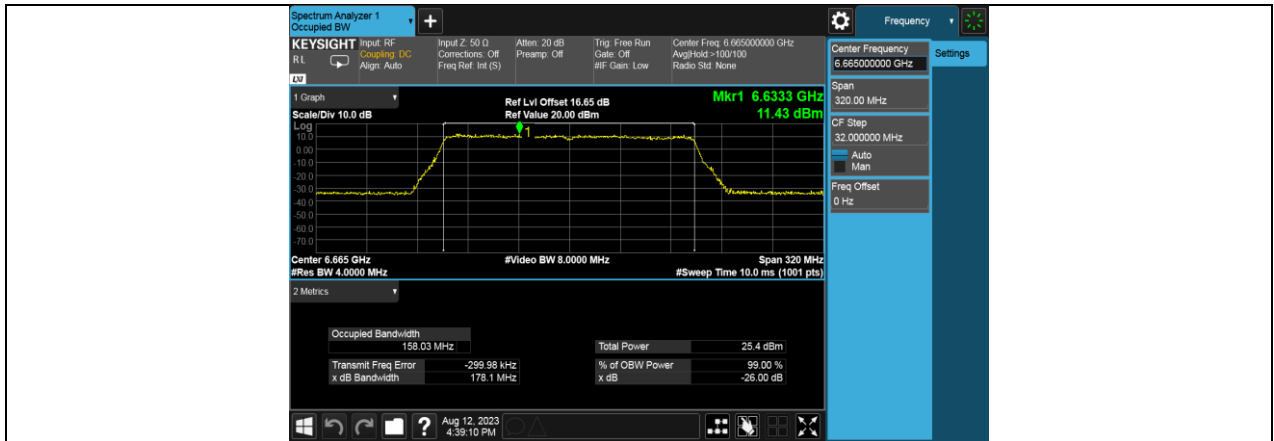
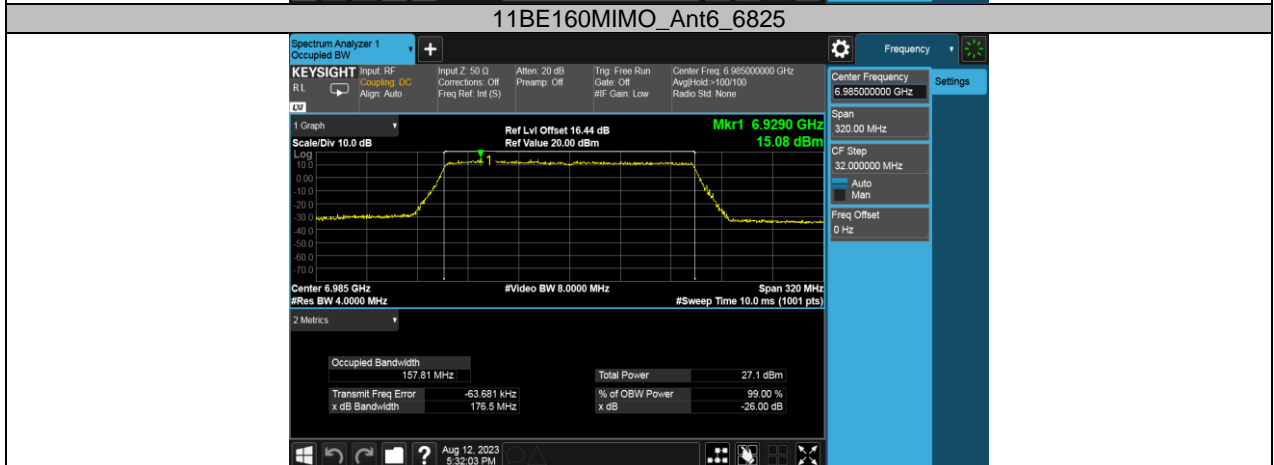
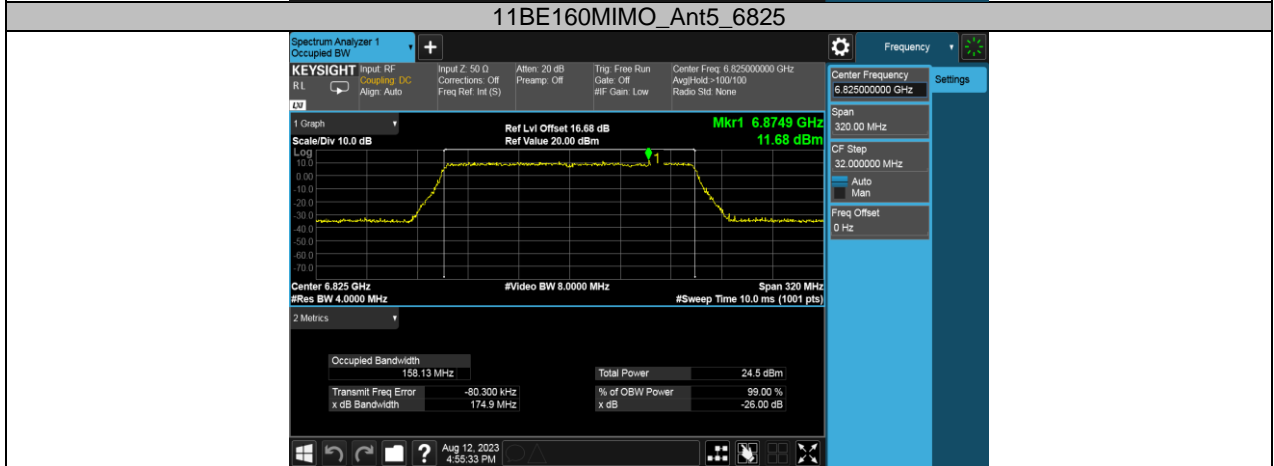
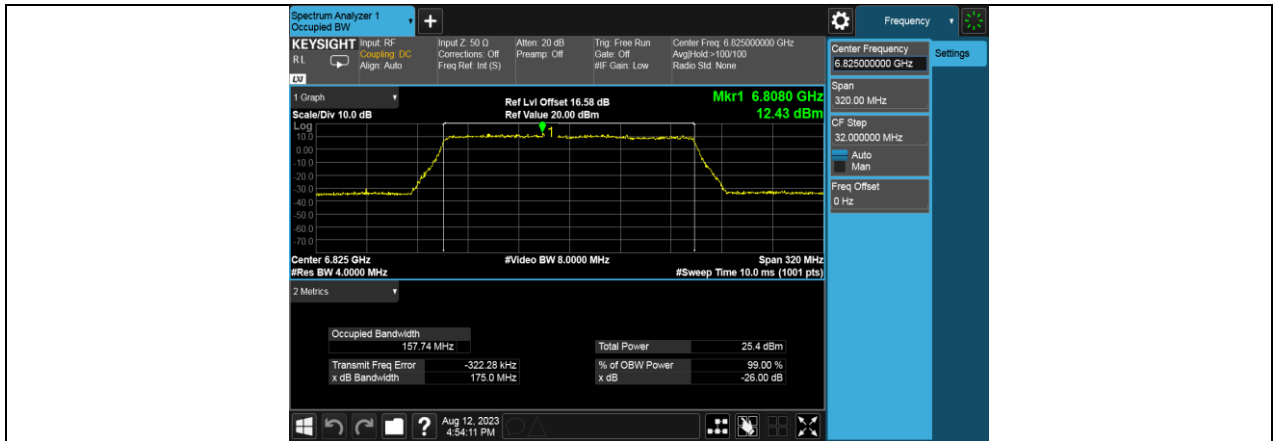
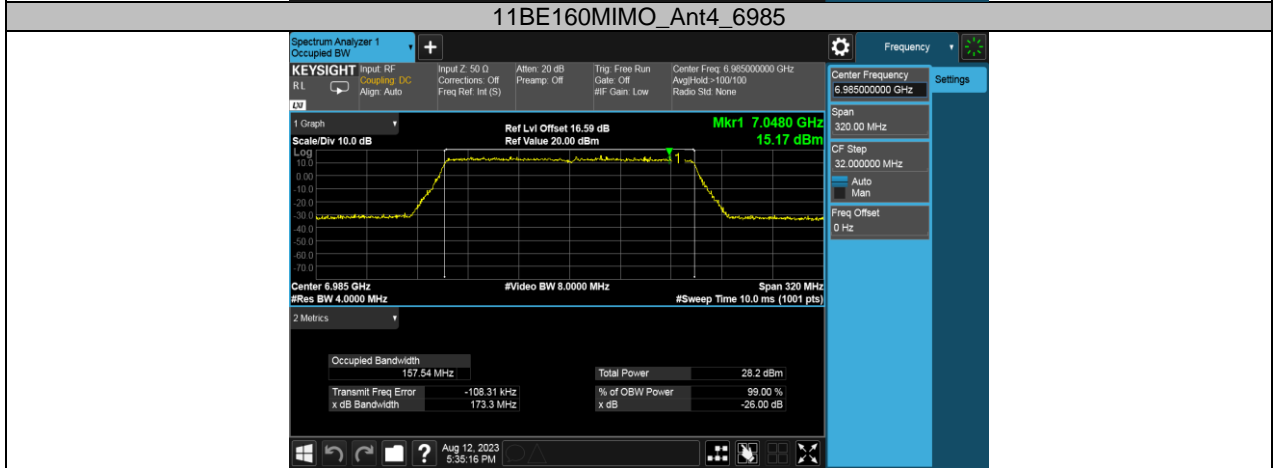
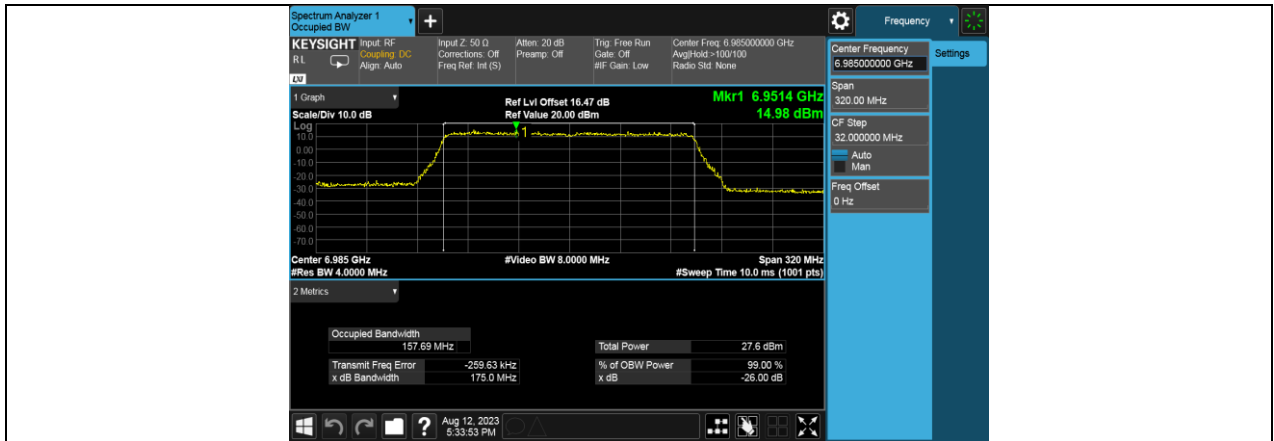


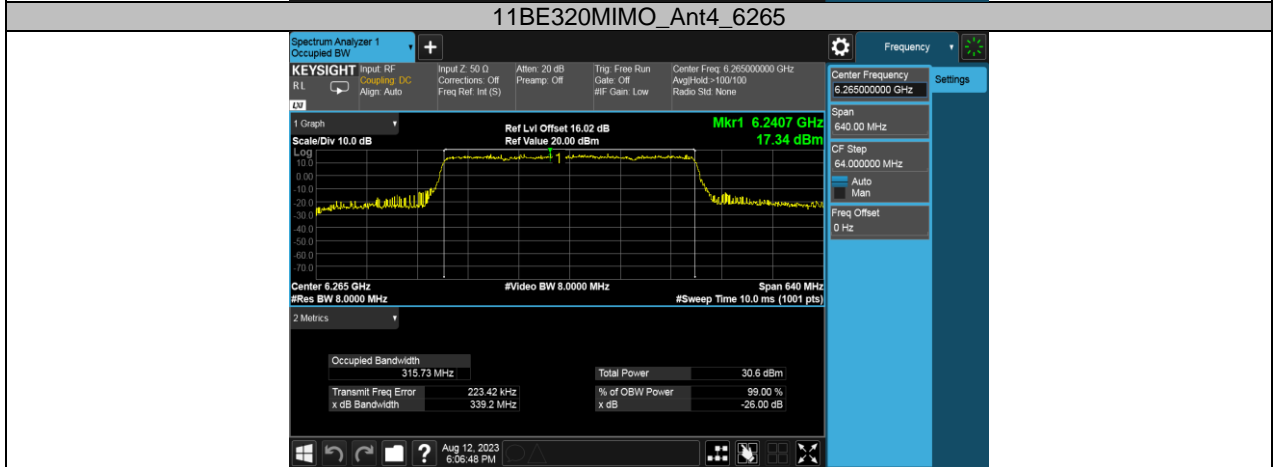
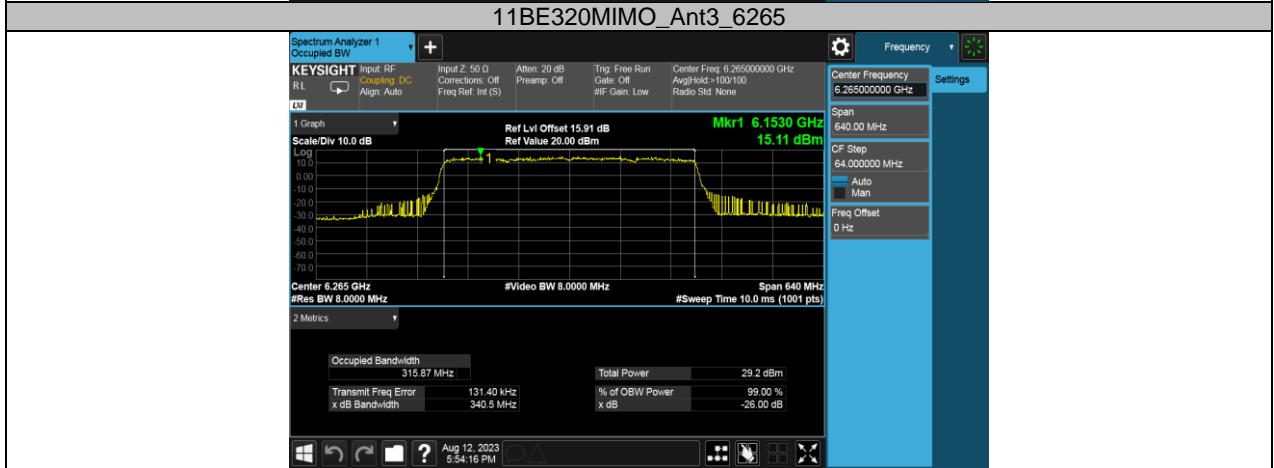
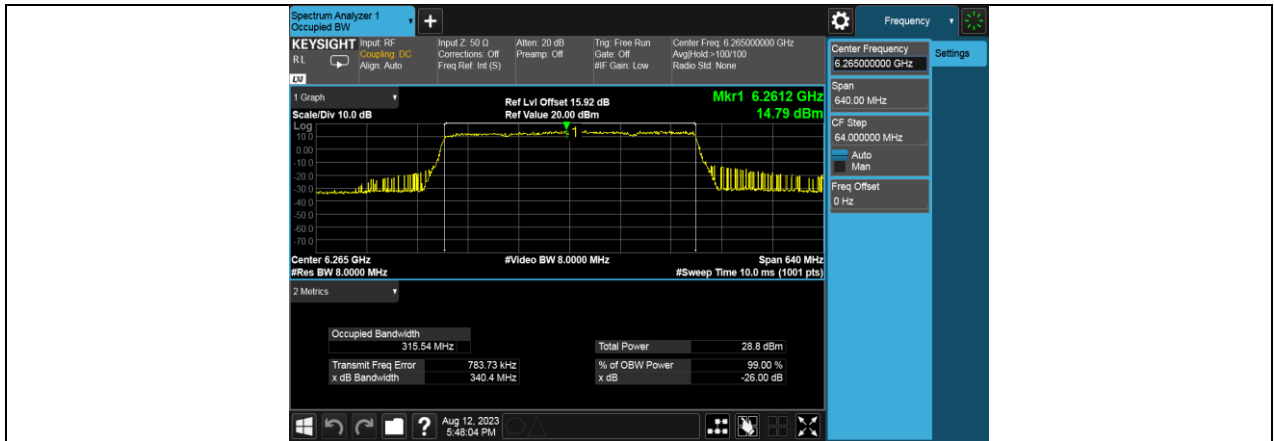
**11BE160MIMO\_Ant5\_6665**



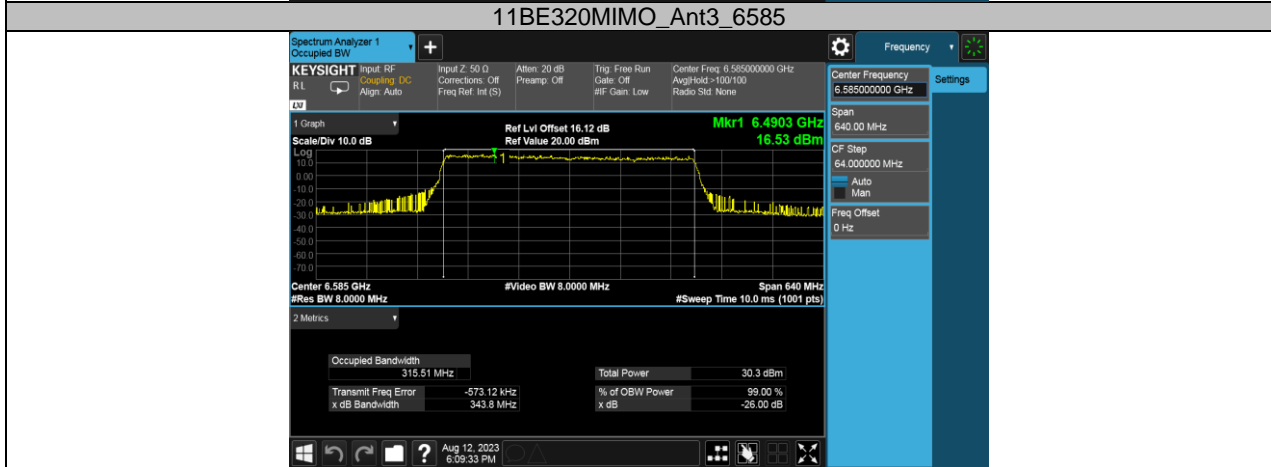
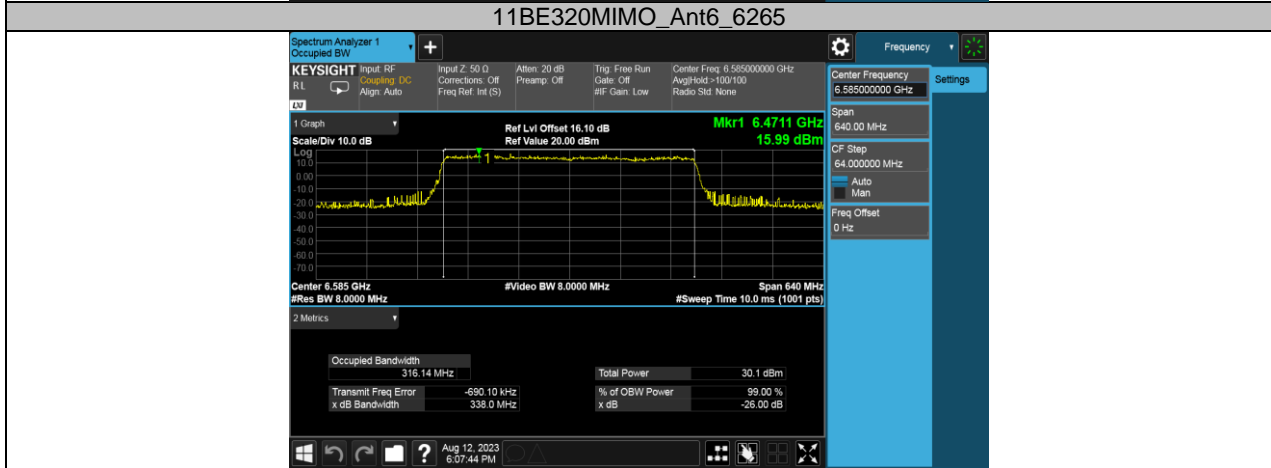
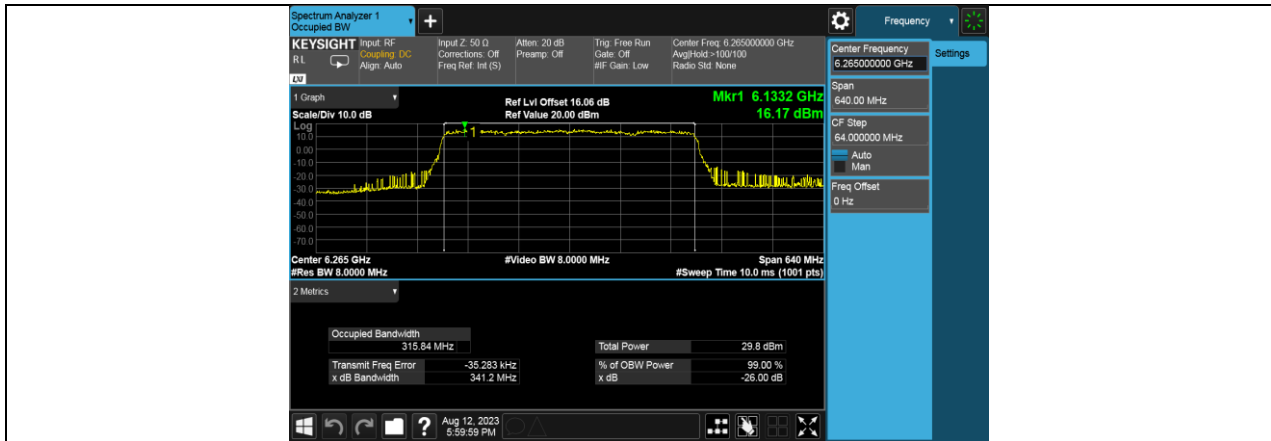


**11BE160MIMO\_Ant3\_6985**



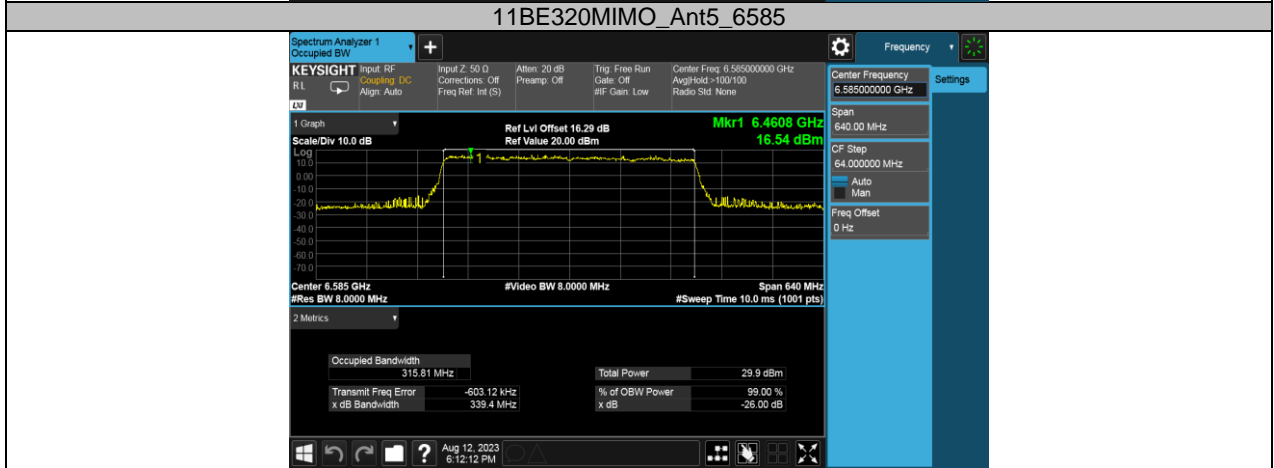
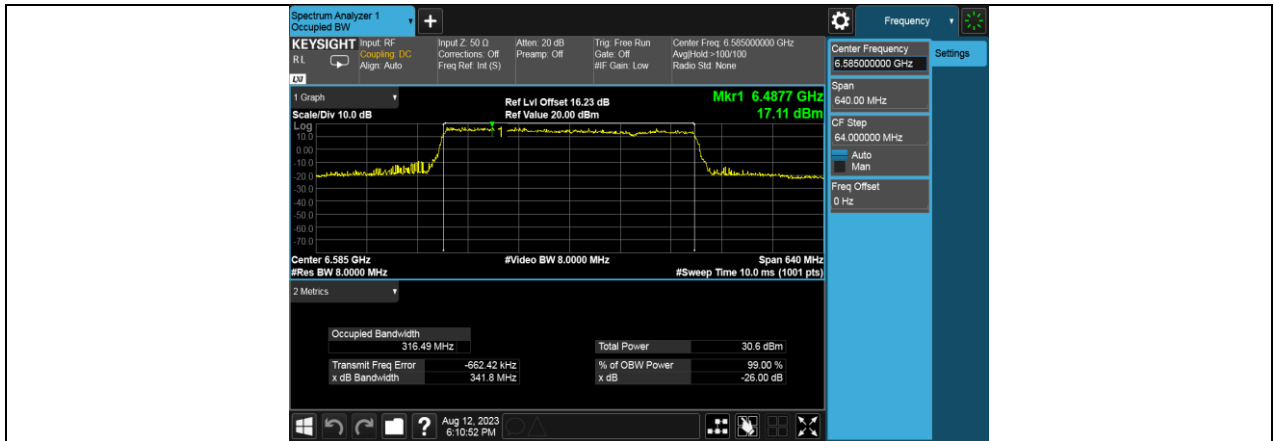


**11BE320MIMO\_Ant5\_6265**

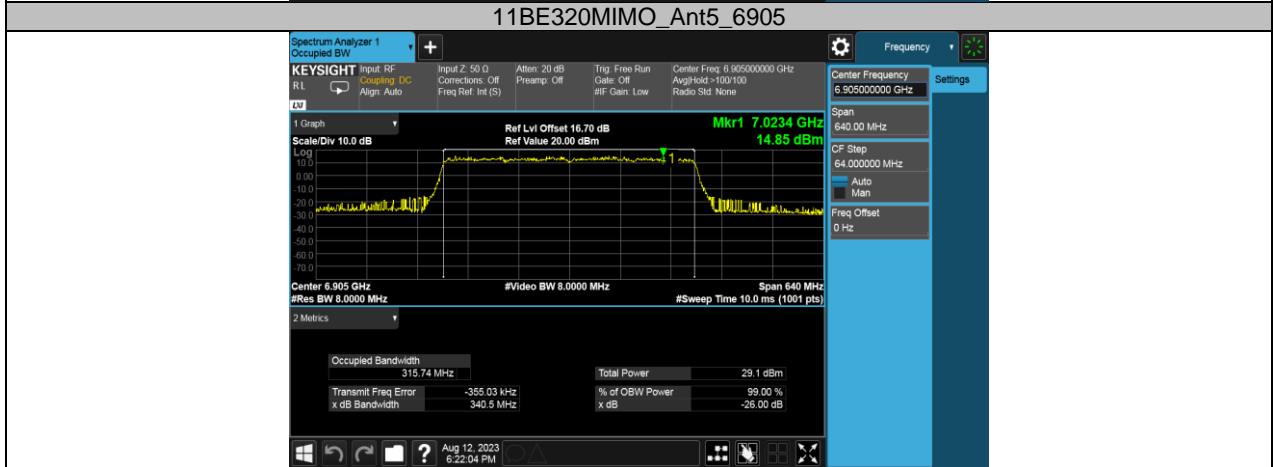
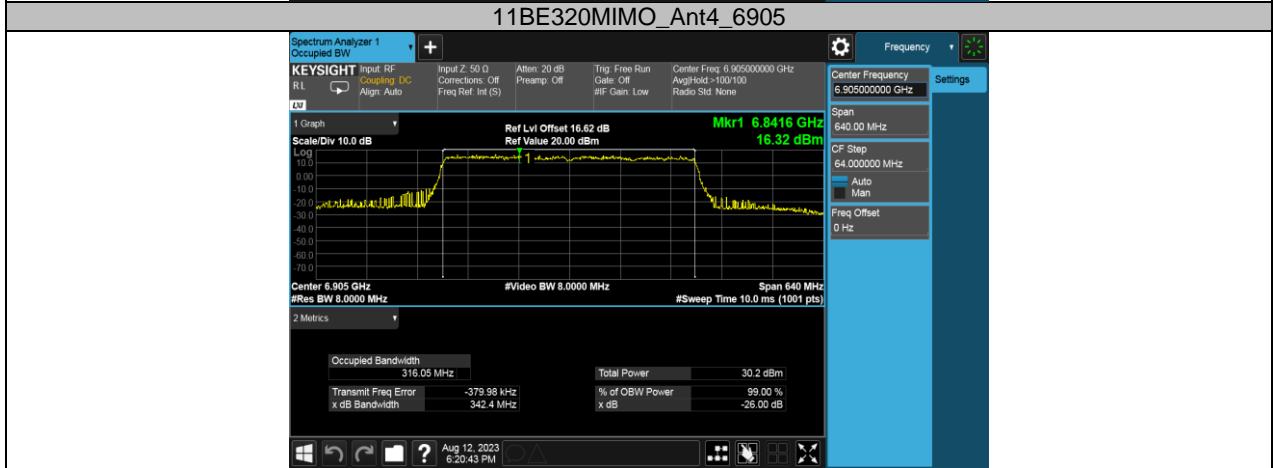
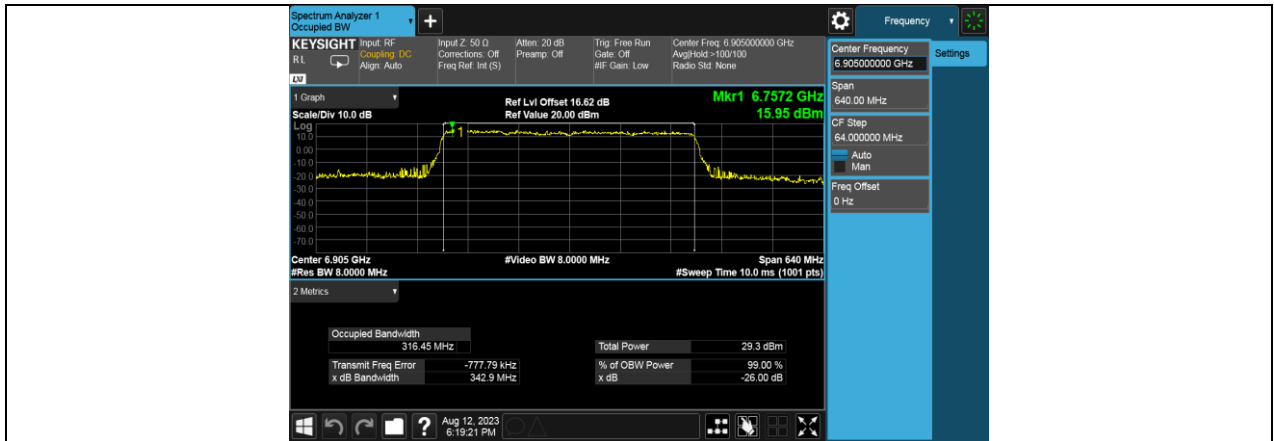


**11BE320MIMO\_Ant4\_6585**





**11BE320MIMO\_Ant3\_6905**



Note: All the modes had been test, but only the worst data was recorded in the report.

## 11.3. APPENDIX C: DUTY CYCLE

### 11.3.1. Test Result

| Test Mode   | On Time (msec) | Period (msec) | Duty Cycle x (Linear) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | 1/T Minimum VBW (kHz) | Final setting For VBW (kHz) |
|-------------|----------------|---------------|-----------------------|----------------|-----------------------------------|-----------------------|-----------------------------|
| 11BE20MIMO  | 2.53           | 2.61          | 0.9693                | 96.93          | 0.14                              | 0.40                  | 1                           |
| 11BE40MIMO  | 3.77           | 3.85          | 0.9792                | 97.92          | 0.09                              | 0.27                  | 1                           |
| 11BE80MIMO  | 3.60           | 3.70          | 0.9730                | 97.30          | 0.12                              | 0.28                  | 1                           |
| 11BE160MIMO | 3.90           | 3.97          | 0.9824                | 98.24          | 0.08                              | 0.26                  | 1                           |
| 11BE320MIMO | 3.89           | 4.06          | 0.9581                | 95.81          | 0.19                              | 0.26                  | 1                           |

Note:

Duty Cycle Correction Factor= $10\log(1/x)$ .

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

Note: All the modes had been test, but only the worst data was recorded in the report.

### 11.3.2. Test Graphs





Note: All the modes had been test, but only the worst data was recorded in the report.

## 11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

### 11.4.1. CDD Mode NSS=4 Test Result

| Mode            | Frequency (MHz) | Average Conducted Power (dBm) |       |       |       |       | Maximum Gain (dBi) | EIRP (dBm) | Limit (dBm) |
|-----------------|-----------------|-------------------------------|-------|-------|-------|-------|--------------------|------------|-------------|
|                 |                 | ANT3                          | ANT4  | ANT5  | ANT6  | Total |                    |            |             |
| 802.11be EHT20  | 6115            | 7.23                          | 7.27  | 7.42  | 7.17  | 13.29 | 2.94               | 16.23      | ≤30.00      |
|                 | 6275            | 7.69                          | 8.28  | 7.89  | 7.53  | 13.88 | 2.94               | 16.82      | ≤30.00      |
|                 | 6415            | 7.41                          | 8.06  | 7.94  | 7.40  | 13.73 | 2.94               | 16.67      | ≤30.00      |
|                 | 6435            | 7.36                          | 8.27  | 7.87  | 7.28  | 13.73 | 2.79               | 16.52      | ≤30.00      |
|                 | 6475            | 7.42                          | 8.18  | 8.11  | 6.99  | 13.72 | 2.79               | 16.51      | ≤30.00      |
|                 | 6515            | 7.24                          | 7.35  | 8.04  | 7.03  | 13.45 | 2.79               | 16.24      | ≤30.00      |
|                 | 6535            | 7.35                          | 7.36  | 8.21  | 7.24  | 13.58 | 2.79               | 16.37      | ≤30.00      |
|                 | 6715            | 7.27                          | 7.95  | 7.52  | 6.26  | 13.31 | 2.79               | 16.10      | ≤30.00      |
|                 | 6875            | 6.58                          | 7.08  | 7.97  | 8.16  | 13.52 | 2.79               | 16.31      | ≤30.00      |
|                 | 6895            | 6.51                          | 7.53  | 7.98  | 8.20  | 13.62 | 2.79               | 16.41      | ≤30.00      |
|                 | 7015            | 6.69                          | 7.91  | 8.48  | 7.28  | 13.66 | 2.79               | 16.45      | ≤30.00      |
| 7115            | -4.55           | -3.50                         | -3.27 | -3.95 | 2.23  | 2.79  | 5.02               | ≤30.00     |             |
| 802.11be EHT40  | 6125            | 10.34                         | 10.29 | 10.38 | 10.30 | 16.35 | 2.94               | 19.29      | ≤30.00      |
|                 | 6285            | 10.15                         | 10.88 | 11.15 | 10.82 | 16.79 | 2.94               | 19.73      | ≤30.00      |
|                 | 6405            | 10.18                         | 10.94 | 10.62 | 10.11 | 16.50 | 2.94               | 19.44      | ≤30.00      |
|                 | 6445            | 10.33                         | 11.36 | 10.57 | 9.98  | 16.61 | 2.79               | 19.40      | ≤30.00      |
|                 | 6485            | 10.56                         | 11.46 | 10.96 | 9.64  | 16.73 | 2.79               | 19.52      | ≤30.00      |
|                 | 6525            | 10.17                         | 10.15 | 11.05 | 9.76  | 16.33 | 2.79               | 19.12      | ≤30.00      |
|                 | 6565            | 10.29                         | 10.16 | 11.04 | 10.75 | 16.60 | 2.79               | 19.39      | ≤30.00      |
|                 | 6685            | 10.29                         | 10.68 | 10.66 | 10.57 | 16.57 | 2.79               | 19.36      | ≤30.00      |
|                 | 6845            | 9.88                          | 10.25 | 11.45 | 10.21 | 16.51 | 2.79               | 19.30      | ≤30.00      |
|                 | 6885            | 10.48                         | 10.26 | 11.13 | 11.08 | 16.77 | 2.79               | 19.56      | ≤30.00      |
|                 | 7005            | 9.96                          | 11.07 | 11.29 | 10.18 | 16.68 | 2.79               | 19.47      | ≤30.00      |
| 7085            | 9.94            | 10.08                         | 10.98 | 10.50 | 16.41 | 2.79  | 19.20              | ≤30.00     |             |
| 802.11be EHT80  | 6145            | 13.44                         | 13.25 | 13.70 | 13.15 | 19.41 | 2.94               | 22.35      | ≤30.00      |
|                 | 6225            | 13.51                         | 13.50 | 14.01 | 13.58 | 19.68 | 2.94               | 22.62      | ≤30.00      |
|                 | 6385            | 13.35                         | 13.26 | 13.93 | 13.26 | 19.48 | 2.94               | 22.42      | ≤30.00      |
|                 | 6465            | 13.33                         | 14.02 | 13.89 | 12.88 | 19.57 | 2.79               | 22.36      | ≤30.00      |
|                 | 6545            | 12.84                         | 13.60 | 13.89 | 13.10 | 19.40 | 2.79               | 22.19      | ≤30.00      |
|                 | 6705            | 13.17                         | 13.81 | 13.41 | 12.85 | 19.34 | 2.79               | 22.13      | ≤30.00      |
|                 | 6865            | 12.88                         | 12.82 | 14.09 | 13.28 | 19.32 | 2.79               | 22.11      | ≤30.00      |
|                 | 6945            | 13.71                         | 13.84 | 14.46 | 13.46 | 19.90 | 2.79               | 22.69      | ≤30.00      |
|                 | 7025            | 13.15                         | 13.94 | 14.31 | 13.32 | 19.73 | 2.79               | 22.52      | ≤30.00      |
| 802.11be EHT160 | 6185            | 16.10                         | 16.10 | 16.75 | 16.17 | 22.31 | 2.94               | 25.25      | ≤30.00      |
|                 | 6345            | 16.03                         | 16.12 | 16.93 | 16.05 | 22.32 | 2.94               | 25.26      | ≤30.00      |
|                 | 6505            | 16.00                         | 16.63 | 16.74 | 15.83 | 22.34 | 2.79               | 25.13      | ≤30.00      |
|                 | 6665            | 15.97                         | 16.09 | 16.37 | 15.92 | 22.11 | 2.79               | 24.90      | ≤30.00      |

|                    |      |       |       |       |       |       |      |       |        |
|--------------------|------|-------|-------|-------|-------|-------|------|-------|--------|
|                    | 6825 | 15.74 | 16.34 | 17.10 | 16.12 | 22.37 | 2.79 | 25.16 | ≤30.00 |
|                    | 6985 | 16.17 | 16.49 | 17.32 | 16.23 | 22.60 | 2.79 | 25.39 | ≤30.00 |
| 802.11be<br>EHT320 | 6265 | 19.23 | 19.26 | 20.06 | 19.05 | 25.44 | 2.94 | 28.38 | ≤30.00 |
|                    | 6585 | 19.62 | 19.79 | 19.98 | 19.19 | 25.68 | 2.79 | 28.47 | ≤30.00 |
|                    | 6905 | 18.96 | 19.06 | 20.09 | 18.68 | 25.25 | 2.79 | 28.04 | ≤30.00 |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

**11.4.2. CDD Mode NSS=1 Test Result**

| Mode            | Frequency (MHz) | Average Conducted Power (dBm) |       |       |       |       | Directional Gain (dBi) | EIRP (dBm) | Limit (dBm) |
|-----------------|-----------------|-------------------------------|-------|-------|-------|-------|------------------------|------------|-------------|
|                 |                 | ANT3                          | ANT4  | ANT5  | ANT6  | Total |                        |            |             |
| 802.11be EHT20  | 6115            | 5.17                          | 4.88  | 5.09  | 5.02  | 11.06 | 2.94                   | 14.00      | ≤30.00      |
|                 | 6275            | 4.70                          | 5.29  | 5.52  | 5.38  | 11.25 | 2.94                   | 14.19      | ≤30.00      |
|                 | 6415            | 4.96                          | 5.68  | 5.47  | 4.87  | 11.28 | 2.94                   | 14.22      | ≤30.00      |
|                 | 6435            | 6.04                          | 7.26  | 6.82  | 6.22  | 12.63 | 2.79                   | 15.42      | ≤30.00      |
|                 | 6475            | 6.07                          | 7.23  | 7.14  | 5.97  | 12.66 | 2.79                   | 15.45      | ≤30.00      |
|                 | 6515            | 6.22                          | 6.52  | 7.16  | 6.06  | 12.53 | 2.79                   | 15.32      | ≤30.00      |
|                 | 6535            | 6.31                          | 6.55  | 7.27  | 6.28  | 12.64 | 2.79                   | 15.43      | ≤30.00      |
|                 | 6715            | 6.30                          | 6.92  | 6.40  | 5.29  | 12.29 | 2.79                   | 15.08      | ≤30.00      |
|                 | 6875            | 6.22                          | 6.13  | 7.13  | 7.17  | 12.71 | 2.79                   | 15.50      | ≤30.00      |
|                 | 6895            | 6.14                          | 6.47  | 7.13  | 6.98  | 12.72 | 2.79                   | 15.51      | ≤30.00      |
|                 | 7015            | 6.17                          | 6.94  | 7.47  | 6.19  | 12.75 | 2.79                   | 15.54      | ≤30.00      |
| 7115            | -4.55           | -3.50                         | -3.27 | -3.95 | 2.23  | 2.79  | 5.02                   | ≤30.00     |             |
| 802.11be EHT40  | 6125            | 8.24                          | 8.21  | 8.58  | 8.03  | 14.29 | 2.94                   | 17.23      | ≤30.00      |
|                 | 6285            | 8.13                          | 8.95  | 9.28  | 8.42  | 14.74 | 2.94                   | 17.68      | ≤30.00      |
|                 | 6405            | 8.10                          | 8.51  | 8.87  | 8.12  | 14.43 | 2.94                   | 17.37      | ≤30.00      |
|                 | 6445            | 8.92                          | 10.01 | 9.54  | 8.81  | 15.37 | 2.79                   | 18.16      | ≤30.00      |
|                 | 6485            | 9.23                          | 10.61 | 9.97  | 8.64  | 15.70 | 2.79                   | 18.49      | ≤30.00      |
|                 | 6525            | 8.86                          | 9.23  | 10.16 | 8.77  | 15.31 | 2.79                   | 18.10      | ≤30.00      |
|                 | 6565            | 9.20                          | 9.44  | 10.14 | 9.71  | 15.66 | 2.79                   | 18.45      | ≤30.00      |
|                 | 6685            | 9.14                          | 9.82  | 9.80  | 9.56  | 15.61 | 2.79                   | 18.40      | ≤30.00      |
|                 | 6845            | 9.12                          | 9.31  | 10.66 | 9.35  | 15.68 | 2.79                   | 18.47      | ≤30.00      |
|                 | 6885            | 9.26                          | 9.57  | 10.39 | 10.14 | 15.88 | 2.79                   | 18.67      | ≤30.00      |
|                 | 7005            | 8.97                          | 10.22 | 10.41 | 9.33  | 15.79 | 2.79                   | 18.58      | ≤30.00      |
| 7085            | 9.02            | 9.54                          | 10.17 | 9.62  | 15.63 | 2.79  | 18.42                  | ≤30.00     |             |
| 802.11be EHT80  | 6145            | 11.54                         | 11.37 | 11.61 | 11.38 | 17.50 | 2.94                   | 20.44      | ≤30.00      |
|                 | 6225            | 11.48                         | 11.78 | 11.95 | 11.82 | 17.78 | 2.94                   | 20.72      | ≤30.00      |
|                 | 6385            | 11.24                         | 11.74 | 11.92 | 11.32 | 17.58 | 2.94                   | 20.52      | ≤30.00      |
|                 | 6465            | 12.12                         | 13.24 | 13.00 | 11.92 | 18.63 | 2.79                   | 21.42      | ≤30.00      |
|                 | 6545            | 12.16                         | 12.32 | 13.02 | 12.35 | 18.50 | 2.79                   | 21.29      | ≤30.00      |
|                 | 6705            | 12.25                         | 12.81 | 12.53 | 11.93 | 18.41 | 2.79                   | 21.20      | ≤30.00      |
|                 | 6865            | 11.70                         | 11.95 | 13.04 | 12.34 | 18.31 | 2.79                   | 21.10      | ≤30.00      |
|                 | 6945            | 12.37                         | 13.15 | 13.43 | 12.42 | 18.89 | 2.79                   | 21.68      | ≤30.00      |
|                 | 7025            | 12.17                         | 12.91 | 13.28 | 12.23 | 18.69 | 2.79                   | 21.48      | ≤30.00      |
| 802.11be EHT160 | 6185            | 14.19                         | 14.46 | 14.60 | 14.20 | 20.39 | 2.94                   | 23.33      | ≤30.00      |
|                 | 6345            | 13.92                         | 14.26 | 15.10 | 14.11 | 20.39 | 2.94                   | 23.33      | ≤30.00      |
|                 | 6505            | 14.48                         | 15.27 | 15.12 | 14.21 | 20.81 | 2.79                   | 23.60      | ≤30.00      |
|                 | 6665            | 14.72                         | 15.00 | 15.31 | 14.66 | 20.95 | 2.79                   | 23.74      | ≤30.00      |
|                 | 6825            | 14.72                         | 15.03 | 15.65 | 14.50 | 21.02 | 2.79                   | 23.81      | ≤30.00      |



|                    |      |       |       |       |       |       |      |       |        |
|--------------------|------|-------|-------|-------|-------|-------|------|-------|--------|
|                    | 6985 | 14.64 | 15.32 | 16.03 | 14.66 | 21.22 | 2.79 | 24.01 | ≤30.00 |
| 802.11be<br>EHT320 | 6265 | 17.23 | 17.83 | 18.14 | 17.39 | 23.68 | 2.94 | 26.62 | ≤30.00 |
|                    | 6585 | 18.22 | 18.63 | 18.75 | 18.00 | 24.43 | 2.79 | 27.22 | ≤30.00 |
|                    | 6905 | 17.71 | 17.93 | 18.66 | 17.41 | 23.97 | 2.79 | 26.76 | ≤30.00 |

- Note: 1. Conducted Power=Meas. Level+ Correction Factor  
2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

### 11.4.3. Tx beamforming Mode Test Result

| Mode            | Frequency (MHz) | Average Conducted Power (dBm) |       |       |       |       | Directional Gain (dBi) | EIRP (dBm) | Limit (dBm) |
|-----------------|-----------------|-------------------------------|-------|-------|-------|-------|------------------------|------------|-------------|
|                 |                 | ANT3                          | ANT4  | ANT5  | ANT6  | Total |                        |            |             |
| 802.11be EHT20  | 6115            | 5.17                          | 4.88  | 5.09  | 5.02  | 11.06 | 4.99                   | 16.05      | ≤30.00      |
|                 | 6275            | 4.70                          | 5.29  | 5.52  | 5.38  | 11.25 | 4.99                   | 16.24      | ≤30.00      |
|                 | 6415            | 4.96                          | 5.68  | 5.47  | 4.87  | 11.28 | 4.99                   | 16.27      | ≤30.00      |
|                 | 6435            | 6.04                          | 7.26  | 6.82  | 6.22  | 12.63 | 3.99                   | 16.62      | ≤30.00      |
|                 | 6475            | 6.07                          | 7.23  | 7.14  | 5.97  | 12.66 | 3.99                   | 16.65      | ≤30.00      |
|                 | 6515            | 6.22                          | 6.52  | 7.16  | 6.06  | 12.53 | 3.99                   | 16.52      | ≤30.00      |
|                 | 6535            | 6.31                          | 6.55  | 7.27  | 6.28  | 12.64 | 3.99                   | 16.63      | ≤30.00      |
|                 | 6715            | 6.30                          | 6.92  | 6.40  | 5.29  | 12.29 | 3.99                   | 16.28      | ≤30.00      |
|                 | 6875            | 6.22                          | 6.13  | 7.13  | 7.17  | 12.71 | 3.99                   | 16.70      | ≤30.00      |
|                 | 6895            | 6.14                          | 6.47  | 7.13  | 6.98  | 12.72 | 3.99                   | 16.71      | ≤30.00      |
|                 | 7015            | 6.17                          | 6.94  | 7.47  | 6.19  | 12.75 | 3.99                   | 16.74      | ≤30.00      |
| 7115            | -4.55           | -3.50                         | -3.27 | -3.95 | 2.23  | 3.99  | 6.22                   | ≤30.00     |             |
| 802.11be EHT40  | 6125            | 8.24                          | 8.21  | 8.58  | 8.03  | 14.29 | 4.99                   | 19.28      | ≤30.00      |
|                 | 6285            | 8.13                          | 8.95  | 9.28  | 8.42  | 14.74 | 4.99                   | 19.73      | ≤30.00      |
|                 | 6405            | 8.10                          | 8.51  | 8.87  | 8.12  | 14.43 | 4.99                   | 19.42      | ≤30.00      |
|                 | 6445            | 8.92                          | 10.01 | 9.54  | 8.81  | 15.37 | 3.99                   | 19.36      | ≤30.00      |
|                 | 6485            | 9.23                          | 10.61 | 9.97  | 8.64  | 15.70 | 3.99                   | 19.69      | ≤30.00      |
|                 | 6525            | 8.86                          | 9.23  | 10.16 | 8.77  | 15.31 | 3.99                   | 19.30      | ≤30.00      |
|                 | 6565            | 9.20                          | 9.44  | 10.14 | 9.71  | 15.66 | 3.99                   | 19.65      | ≤30.00      |
|                 | 6685            | 9.14                          | 9.82  | 9.80  | 9.56  | 15.61 | 3.99                   | 19.60      | ≤30.00      |
|                 | 6845            | 9.12                          | 9.31  | 10.66 | 9.35  | 15.68 | 3.99                   | 19.67      | ≤30.00      |
|                 | 6885            | 9.26                          | 9.57  | 10.39 | 10.14 | 15.88 | 3.99                   | 19.87      | ≤30.00      |
|                 | 7005            | 8.97                          | 10.22 | 10.41 | 9.33  | 15.79 | 3.99                   | 19.78      | ≤30.00      |
| 7085            | 9.02            | 9.54                          | 10.17 | 9.62  | 15.63 | 3.99  | 19.62                  | ≤30.00     |             |
| 802.11be EHT80  | 6145            | 11.54                         | 11.37 | 11.61 | 11.38 | 17.50 | 4.99                   | 22.49      | ≤30.00      |
|                 | 6225            | 11.48                         | 11.78 | 11.95 | 11.82 | 17.78 | 4.99                   | 22.77      | ≤30.00      |
|                 | 6385            | 11.24                         | 11.74 | 11.92 | 11.32 | 17.58 | 4.99                   | 22.57      | ≤30.00      |
|                 | 6465            | 12.12                         | 13.24 | 13.00 | 11.92 | 18.63 | 3.99                   | 22.62      | ≤30.00      |
|                 | 6545            | 12.16                         | 12.32 | 13.02 | 12.35 | 18.50 | 3.99                   | 22.49      | ≤30.00      |
|                 | 6705            | 12.25                         | 12.81 | 12.53 | 11.93 | 18.41 | 3.99                   | 22.40      | ≤30.00      |
|                 | 6865            | 11.70                         | 11.95 | 13.04 | 12.34 | 18.31 | 3.99                   | 22.30      | ≤30.00      |
|                 | 6945            | 12.37                         | 13.15 | 13.43 | 12.42 | 18.89 | 3.99                   | 22.88      | ≤30.00      |
|                 | 7025            | 12.17                         | 12.91 | 13.28 | 12.23 | 18.69 | 3.99                   | 22.68      | ≤30.00      |
| 802.11be EHT160 | 6185            | 14.19                         | 14.46 | 14.60 | 14.20 | 20.39 | 4.99                   | 25.38      | ≤30.00      |
|                 | 6345            | 13.92                         | 14.26 | 15.10 | 14.11 | 20.39 | 4.99                   | 25.38      | ≤30.00      |
|                 | 6505            | 14.48                         | 15.27 | 15.12 | 14.21 | 20.81 | 3.99                   | 24.80      | ≤30.00      |
|                 | 6665            | 14.72                         | 15.00 | 15.31 | 14.66 | 20.95 | 3.99                   | 24.94      | ≤30.00      |
|                 | 6825            | 14.72                         | 15.03 | 15.65 | 14.50 | 21.02 | 3.99                   | 25.01      | ≤30.00      |

|                    |      |       |       |       |       |       |      |       |        |
|--------------------|------|-------|-------|-------|-------|-------|------|-------|--------|
|                    | 6985 | 14.64 | 15.32 | 16.03 | 14.66 | 21.22 | 3.99 | 25.21 | ≤30.00 |
| 802.11be<br>EHT320 | 6265 | 17.23 | 17.83 | 18.14 | 17.39 | 23.68 | 4.99 | 28.67 | ≤30.00 |
|                    | 6585 | 18.22 | 18.63 | 18.75 | 18.00 | 24.43 | 3.99 | 28.42 | ≤30.00 |
|                    | 6905 | 17.71 | 17.93 | 18.66 | 17.41 | 23.97 | 3.99 | 27.96 | ≤30.00 |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

## 11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

### 11.5.1. Test Result

| Test Mode  | Antenna | Frequency [MHz] | Result [dBm/MHz] | Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | Verdict |
|------------|---------|-----------------|------------------|------------|------------|------------------|---------|
| 11BE20MIMO | Ant3    | 6115            | -6.55            | 4.99       | -1.56      | ≤5.00            | PASS    |
|            | Ant4    | 6115            | -6.71            | 4.99       | -1.72      | ≤5.00            | PASS    |
|            | Ant5    | 6115            | -6.84            | 4.99       | -1.85      | ≤5.00            | PASS    |
|            | Ant6    | 6115            | -6.72            | 4.99       | -1.73      | ≤5.00            | PASS    |
|            | total   | 6115            | -0.68            | 4.99       | 4.31       | ≤5.00            | PASS    |
|            | Ant3    | 6275            | -7.38            | 4.99       | -2.39      | ≤5.00            | PASS    |
|            | Ant4    | 6275            | -6.76            | 4.99       | -1.77      | ≤5.00            | PASS    |
|            | Ant5    | 6275            | -6.64            | 4.99       | -1.65      | ≤5.00            | PASS    |
|            | Ant6    | 6275            | -6.65            | 4.99       | -1.66      | ≤5.00            | PASS    |
|            | total   | 6275            | -0.83            | 4.99       | 4.16       | ≤5.00            | PASS    |
|            | Ant3    | 6415            | -7.15            | 4.99       | -2.16      | ≤5.00            | PASS    |
|            | Ant4    | 6415            | -6.1             | 4.99       | -1.11      | ≤5.00            | PASS    |
|            | Ant5    | 6415            | -6.34            | 4.99       | -1.35      | ≤5.00            | PASS    |
|            | Ant6    | 6415            | -7.03            | 4.99       | -2.04      | ≤5.00            | PASS    |
|            | total   | 6415            | -0.61            | 4.99       | 4.38       | ≤5.00            | PASS    |
|            | Ant3    | 6435            | -6.14            | 3.99       | -2.15      | ≤5.00            | PASS    |
|            | Ant4    | 6435            | -4.74            | 3.99       | -0.75      | ≤5.00            | PASS    |
|            | Ant5    | 6435            | -5.35            | 3.99       | -1.36      | ≤5.00            | PASS    |
|            | Ant6    | 6435            | -5.81            | 3.99       | -1.82      | ≤5.00            | PASS    |
|            | total   | 6435            | 0.54             | 3.99       | 4.53       | ≤5.00            | PASS    |
|            | Ant3    | 6475            | -6.1             | 3.99       | -2.11      | ≤5.00            | PASS    |
|            | Ant4    | 6475            | -4.78            | 3.99       | -0.79      | ≤5.00            | PASS    |
|            | Ant5    | 6475            | -5.03            | 3.99       | -1.04      | ≤5.00            | PASS    |
|            | Ant6    | 6475            | -6               | 3.99       | -2.01      | ≤5.00            | PASS    |
|            | total   | 6475            | 0.58             | 3.99       | 4.57       | ≤5.00            | PASS    |
|            | Ant3    | 6515            | -5.87            | 3.99       | -1.88      | ≤5.00            | PASS    |
|            | Ant4    | 6515            | -5.31            | 3.99       | -1.32      | ≤5.00            | PASS    |
|            | Ant5    | 6515            | -4.84            | 3.99       | -0.85      | ≤5.00            | PASS    |
|            | Ant6    | 6515            | -5.99            | 3.99       | -2         | ≤5.00            | PASS    |
|            | total   | 6515            | 0.54             | 3.99       | 4.53       | ≤5.00            | PASS    |
|            | Ant3    | 6535            | -5.82            | 3.99       | -1.83      | ≤5.00            | PASS    |
|            | Ant4    | 6535            | -5.51            | 3.99       | -1.52      | ≤5.00            | PASS    |
|            | Ant5    | 6535            | -4.84            | 3.99       | -0.85      | ≤5.00            | PASS    |
|            | Ant6    | 6535            | -5.63            | 3.99       | -1.64      | ≤5.00            | PASS    |
|            | total   | 6535            | 0.59             | 3.99       | 4.58       | ≤5.00            | PASS    |
|            | Ant3    | 6715            | -5.84            | 3.99       | -1.85      | ≤5.00            | PASS    |
|            | Ant4    | 6715            | -4.97            | 3.99       | -0.98      | ≤5.00            | PASS    |
|            | Ant5    | 6715            | -5.55            | 3.99       | -1.56      | ≤5.00            | PASS    |
|            | Ant6    | 6715            | -6.45            | 3.99       | -2.46      | ≤5.00            | PASS    |
|            | total   | 6715            | 0.35             | 3.99       | 4.34       | ≤5.00            | PASS    |
|            | Ant3    | 6875            | -5.93            | 3.99       | -1.94      | ≤5.00            | PASS    |
|            | Ant4    | 6875            | -5.69            | 3.99       | -1.7       | ≤5.00            | PASS    |
|            | Ant5    | 6875            | -4.93            | 3.99       | -0.94      | ≤5.00            | PASS    |
|            | Ant6    | 6875            | -4.44            | 3.99       | -0.45      | ≤5.00            | PASS    |
|            | total   | 6875            | 0.81             | 3.99       | 4.8        | ≤5.00            | PASS    |
|            | Ant3    | 6895            | -5.99            | 3.99       | -2         | ≤5.00            | PASS    |
|            | Ant4    | 6895            | -5.53            | 3.99       | -1.54      | ≤5.00            | PASS    |
|            | Ant5    | 6895            | -4.94            | 3.99       | -0.95      | ≤5.00            | PASS    |
| Ant6       | 6895    | -4.83           | 3.99             | -0.84      | ≤5.00      | PASS             |         |
| total      | 6895    | 0.72            | 3.99             | 4.71       | ≤5.00      | PASS             |         |
| Ant3       | 7015    | -5.8            | 3.99             | -1.81      | ≤5.00      | PASS             |         |
| Ant4       | 7015    | -4.86           | 3.99             | -0.87      | ≤5.00      | PASS             |         |
| Ant5       | 7015    | -4.46           | 3.99             | -0.47      | ≤5.00      | PASS             |         |
| Ant6       | 7015    | -5.73           | 3.99             | -1.74      | ≤5.00      | PASS             |         |

|            |       |       |       |       |       |       |      |
|------------|-------|-------|-------|-------|-------|-------|------|
|            | total | 7015  | 0.85  | 3.99  | 4.84  | ≤5.00 | PASS |
|            | Ant3  | 7115  | -5.4  | 3.99  | -1.41 | ≤5.00 | PASS |
|            | Ant4  | 7115  | -5.21 | 3.99  | -1.22 | ≤5.00 | PASS |
|            | Ant5  | 7115  | -5.23 | 3.99  | -1.24 | ≤5.00 | PASS |
|            | Ant6  | 7115  | -5.09 | 3.99  | -1.1  | ≤5.00 | PASS |
|            | total | 7115  | 0.79  | 3.99  | 4.78  | ≤5.00 | PASS |
| 11BE40MIMO | Ant3  | 6125  | -6.56 | 4.99  | -1.57 | ≤5.00 | PASS |
|            | Ant4  | 6125  | -6.59 | 4.99  | -1.6  | ≤5.00 | PASS |
|            | Ant5  | 6125  | -6.42 | 4.99  | -1.43 | ≤5.00 | PASS |
|            | Ant6  | 6125  | -6.83 | 4.99  | -1.84 | ≤5.00 | PASS |
|            | total | 6125  | -0.58 | 4.99  | 4.41  | ≤5.00 | PASS |
|            | Ant3  | 6285  | -7.04 | 4.99  | -2.05 | ≤5.00 | PASS |
|            | Ant4  | 6285  | -6.23 | 4.99  | -1.24 | ≤5.00 | PASS |
|            | Ant5  | 6285  | -5.89 | 4.99  | -0.9  | ≤5.00 | PASS |
|            | Ant6  | 6285  | -6.67 | 4.99  | -1.68 | ≤5.00 | PASS |
|            | total | 6285  | -0.42 | 4.99  | 4.57  | ≤5.00 | PASS |
|            | Ant3  | 6405  | -6.87 | 4.99  | -1.88 | ≤5.00 | PASS |
|            | Ant4  | 6405  | -6.38 | 4.99  | -1.39 | ≤5.00 | PASS |
|            | Ant5  | 6405  | -5.87 | 4.99  | -0.88 | ≤5.00 | PASS |
|            | Ant6  | 6405  | -6.74 | 4.99  | -1.75 | ≤5.00 | PASS |
|            | total | 6405  | -0.43 | 4.99  | 4.56  | ≤5.00 | PASS |
|            | Ant3  | 6445  | -5.99 | 3.99  | -2    | ≤5.00 | PASS |
|            | Ant4  | 6445  | -5    | 3.99  | -1.01 | ≤5.00 | PASS |
|            | Ant5  | 6445  | -5.43 | 3.99  | -1.44 | ≤5.00 | PASS |
|            | Ant6  | 6445  | -6.19 | 3.99  | -2.2  | ≤5.00 | PASS |
|            | total | 6445  | 0.39  | 3.99  | 4.38  | ≤5.00 | PASS |
|            | Ant3  | 6485  | -5.75 | 3.99  | -1.76 | ≤5.00 | PASS |
|            | Ant4  | 6485  | -4.3  | 3.99  | -0.31 | ≤5.00 | PASS |
|            | Ant5  | 6485  | -5.06 | 3.99  | -1.07 | ≤5.00 | PASS |
|            | Ant6  | 6485  | -6.15 | 3.99  | -2.16 | ≤5.00 | PASS |
|            | total | 6485  | 0.76  | 3.99  | 4.75  | ≤5.00 | PASS |
|            | Ant3  | 6525  | -6    | 3.99  | -2.01 | ≤5.00 | PASS |
|            | Ant4  | 6525  | -5.58 | 3.99  | -1.59 | ≤5.00 | PASS |
|            | Ant5  | 6525  | -4.72 | 3.99  | -0.73 | ≤5.00 | PASS |
|            | Ant6  | 6525  | -6.18 | 3.99  | -2.19 | ≤5.00 | PASS |
|            | total | 6525  | 0.44  | 3.99  | 4.43  | ≤5.00 | PASS |
|            | Ant3  | 6565  | -5.75 | 3.99  | -1.76 | ≤5.00 | PASS |
|            | Ant4  | 6565  | -5.45 | 3.99  | -1.46 | ≤5.00 | PASS |
|            | Ant5  | 6565  | -4.69 | 3.99  | -0.7  | ≤5.00 | PASS |
|            | Ant6  | 6565  | -5.29 | 3.99  | -1.3  | ≤5.00 | PASS |
|            | total | 6565  | 0.74  | 3.99  | 4.73  | ≤5.00 | PASS |
|            | Ant3  | 6685  | -5.58 | 3.99  | -1.59 | ≤5.00 | PASS |
|            | Ant4  | 6685  | -4.99 | 3.99  | -1    | ≤5.00 | PASS |
|            | Ant5  | 6685  | -4.6  | 3.99  | -0.61 | ≤5.00 | PASS |
|            | Ant6  | 6685  | -5.47 | 3.99  | -1.48 | ≤5.00 | PASS |
|            | total | 6685  | 0.88  | 3.99  | 4.87  | ≤5.00 | PASS |
|            | Ant3  | 6845  | -5.92 | 3.99  | -1.93 | ≤5.00 | PASS |
|            | Ant4  | 6845  | -5.78 | 3.99  | -1.79 | ≤5.00 | PASS |
|            | Ant5  | 6845  | -4.33 | 3.99  | -0.34 | ≤5.00 | PASS |
|            | Ant6  | 6845  | -5.79 | 3.99  | -1.8  | ≤5.00 | PASS |
|            | total | 6845  | 0.62  | 3.99  | 4.61  | ≤5.00 | PASS |
|            | Ant3  | 6885  | -5.73 | 3.99  | -1.74 | ≤5.00 | PASS |
|            | Ant4  | 6885  | -5.35 | 3.99  | -1.36 | ≤5.00 | PASS |
|            | Ant5  | 6885  | -4.63 | 3.99  | -0.64 | ≤5.00 | PASS |
| Ant6       | 6885  | -4.76 | 3.99  | -0.77 | ≤5.00 | PASS  |      |
| total      | 6885  | 0.93  | 3.99  | 4.92  | ≤5.00 | PASS  |      |
| Ant3       | 7005  | -6.07 | 3.99  | -2.08 | ≤5.00 | PASS  |      |
| Ant4       | 7005  | -4.93 | 3.99  | -0.94 | ≤5.00 | PASS  |      |
| Ant5       | 7005  | -4.72 | 3.99  | -0.73 | ≤5.00 | PASS  |      |
| Ant6       | 7005  | -5.73 | 3.99  | -1.74 | ≤5.00 | PASS  |      |
| total      | 7005  | 0.69  | 3.99  | 4.68  | ≤5.00 | PASS  |      |

|             |       |       |       |       |       |       |      |
|-------------|-------|-------|-------|-------|-------|-------|------|
|             | Ant3  | 7085  | -5.83 | 3.99  | -1.84 | ≤5.00 | PASS |
|             | Ant4  | 7085  | -5.54 | 3.99  | -1.55 | ≤5.00 | PASS |
|             | Ant5  | 7085  | -4.62 | 3.99  | -0.63 | ≤5.00 | PASS |
|             | Ant6  | 7085  | -5.14 | 3.99  | -1.15 | ≤5.00 | PASS |
|             | total | 7085  | 0.76  | 3.99  | 4.75  | ≤5.00 | PASS |
| 11BE80MIMO  | Ant3  | 6145  | -6.5  | 4.99  | -1.51 | ≤5.00 | PASS |
|             | Ant4  | 6145  | -6.56 | 4.99  | -1.57 | ≤5.00 | PASS |
|             | Ant5  | 6145  | -6.45 | 4.99  | -1.46 | ≤5.00 | PASS |
|             | Ant6  | 6145  | -6.62 | 4.99  | -1.63 | ≤5.00 | PASS |
|             | total | 6145  | -0.51 | 4.99  | 4.48  | ≤5.00 | PASS |
|             | Ant3  | 6225  | -6.39 | 4.99  | -1.4  | ≤5.00 | PASS |
|             | Ant4  | 6225  | -6.09 | 4.99  | -1.1  | ≤5.00 | PASS |
|             | Ant5  | 6225  | -5.93 | 4.99  | -0.94 | ≤5.00 | PASS |
|             | Ant6  | 6225  | -6    | 4.99  | -1.01 | ≤5.00 | PASS |
|             | total | 6225  | -0.08 | 4.99  | 4.91  | ≤5.00 | PASS |
|             | Ant3  | 6385  | -6.65 | 4.99  | -1.66 | ≤5.00 | PASS |
|             | Ant4  | 6385  | -6.09 | 4.99  | -1.1  | ≤5.00 | PASS |
|             | Ant5  | 6385  | -5.99 | 4.99  | -1    | ≤5.00 | PASS |
|             | Ant6  | 6385  | -6.57 | 4.99  | -1.58 | ≤5.00 | PASS |
|             | total | 6385  | -0.29 | 4.99  | 4.7   | ≤5.00 | PASS |
|             | Ant3  | 6465  | -5.87 | 3.99  | -1.88 | ≤5.00 | PASS |
|             | Ant4  | 6465  | -4.83 | 3.99  | -0.84 | ≤5.00 | PASS |
|             | Ant5  | 6465  | -4.87 | 3.99  | -0.88 | ≤5.00 | PASS |
|             | Ant6  | 6465  | -6.05 | 3.99  | -2.06 | ≤5.00 | PASS |
|             | total | 6465  | 0.65  | 3.99  | 4.64  | ≤5.00 | PASS |
|             | Ant3  | 6545  | -5.72 | 3.99  | -1.73 | ≤5.00 | PASS |
|             | Ant4  | 6545  | -5.27 | 3.99  | -1.28 | ≤5.00 | PASS |
|             | Ant5  | 6545  | -4.48 | 3.99  | -0.49 | ≤5.00 | PASS |
|             | Ant6  | 6545  | -5.48 | 3.99  | -1.49 | ≤5.00 | PASS |
|             | total | 6545  | 0.81  | 3.99  | 4.8   | ≤5.00 | PASS |
|             | Ant3  | 6705  | -5.8  | 3.99  | -1.81 | ≤5.00 | PASS |
|             | Ant4  | 6705  | -5.04 | 3.99  | -1.05 | ≤5.00 | PASS |
|             | Ant5  | 6705  | -5.23 | 3.99  | -1.24 | ≤5.00 | PASS |
|             | Ant6  | 6705  | -5.79 | 3.99  | -1.8  | ≤5.00 | PASS |
|             | total | 6705  | 0.57  | 3.99  | 4.56  | ≤5.00 | PASS |
|             | Ant3  | 6865  | -6.17 | 3.99  | -2.18 | ≤5.00 | PASS |
|             | Ant4  | 6865  | -5.91 | 3.99  | -1.92 | ≤5.00 | PASS |
|             | Ant5  | 6865  | -4.54 | 3.99  | -0.55 | ≤5.00 | PASS |
|             | Ant6  | 6865  | -5.62 | 3.99  | -1.63 | ≤5.00 | PASS |
|             | total | 6865  | 0.51  | 3.99  | 4.5   | ≤5.00 | PASS |
|             | Ant3  | 6945  | -5.5  | 3.99  | -1.51 | ≤5.00 | PASS |
| Ant4        | 6945  | -4.87 | 3.99  | -0.88 | ≤5.00 | PASS  |      |
| Ant5        | 6945  | -4.64 | 3.99  | -0.65 | ≤5.00 | PASS  |      |
| Ant6        | 6945  | -5.58 | 3.99  | -1.59 | ≤5.00 | PASS  |      |
| total       | 6945  | 0.89  | 3.99  | 4.88  | ≤5.00 | PASS  |      |
| Ant3        | 7025  | -5.76 | 3.99  | -1.77 | ≤5.00 | PASS  |      |
| Ant4        | 7025  | -5.02 | 3.99  | -1.03 | ≤5.00 | PASS  |      |
| Ant5        | 7025  | -4.68 | 3.99  | -0.69 | ≤5.00 | PASS  |      |
| Ant6        | 7025  | -5.6  | 3.99  | -1.61 | ≤5.00 | PASS  |      |
| total       | 7025  | 0.78  | 3.99  | 4.77  | ≤5.00 | PASS  |      |
| 11BE160MIMO | Ant3  | 6185  | -6.27 | 4.99  | -1.28 | ≤5.00 | PASS |
|             | Ant4  | 6185  | -6.24 | 4.99  | -1.25 | ≤5.00 | PASS |
|             | Ant5  | 6185  | -6.07 | 4.99  | -1.08 | ≤5.00 | PASS |
|             | Ant6  | 6185  | -6.63 | 4.99  | -1.64 | ≤5.00 | PASS |
|             | total | 6185  | -0.28 | 4.99  | 4.71  | ≤5.00 | PASS |
|             | Ant3  | 6345  | -6.82 | 4.99  | -1.83 | ≤5.00 | PASS |
|             | Ant4  | 6345  | -6.4  | 4.99  | -1.41 | ≤5.00 | PASS |
|             | Ant5  | 6345  | -5.58 | 4.99  | -0.59 | ≤5.00 | PASS |
|             | Ant6  | 6345  | -6.54 | 4.99  | -1.55 | ≤5.00 | PASS |
|             | total | 6345  | -0.29 | 4.99  | 4.7   | ≤5.00 | PASS |
|             | Ant3  | 6505  | -6.06 | 3.99  | -2.07 | ≤5.00 | PASS |

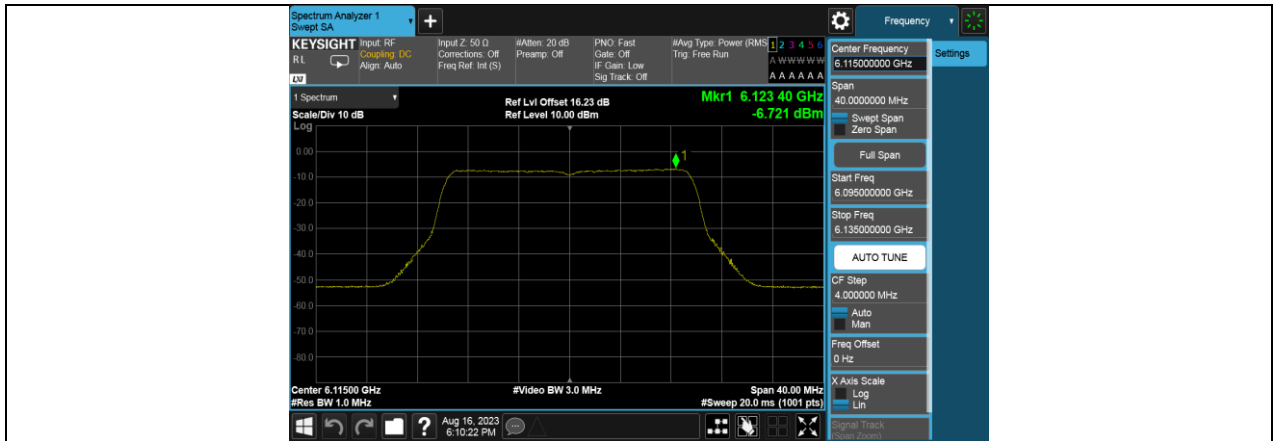
|             |       |      |       |      |       |       |      |
|-------------|-------|------|-------|------|-------|-------|------|
|             | Ant4  | 6505 | -4.93 | 3.99 | -0.94 | ≤5.00 | PASS |
|             | Ant5  | 6505 | -5.22 | 3.99 | -1.23 | ≤5.00 | PASS |
|             | Ant6  | 6505 | -6.27 | 3.99 | -2.28 | ≤5.00 | PASS |
|             | total | 6505 | 0.44  | 3.99 | 4.43  | ≤5.00 | PASS |
|             | Ant3  | 6665 | -6.27 | 3.99 | -2.28 | ≤5.00 | PASS |
|             | Ant4  | 6665 | -5.96 | 3.99 | -1.97 | ≤5.00 | PASS |
|             | Ant5  | 6665 | -5.13 | 3.99 | -1.14 | ≤5.00 | PASS |
|             | Ant6  | 6665 | -5.95 | 3.99 | -1.96 | ≤5.00 | PASS |
|             | total | 6665 | 0.21  | 3.99 | 4.2   | ≤5.00 | PASS |
|             | Ant3  | 6825 | -6.22 | 3.99 | -2.23 | ≤5.00 | PASS |
|             | Ant4  | 6825 | -5.55 | 3.99 | -1.56 | ≤5.00 | PASS |
|             | Ant5  | 6825 | -5.1  | 3.99 | -1.11 | ≤5.00 | PASS |
|             | Ant6  | 6825 | -6.3  | 3.99 | -2.31 | ≤5.00 | PASS |
|             | total | 6825 | 0.26  | 3.99 | 4.25  | ≤5.00 | PASS |
|             | Ant3  | 6985 | -5.9  | 3.99 | -1.91 | ≤5.00 | PASS |
|             | Ant4  | 6985 | -5.32 | 3.99 | -1.33 | ≤5.00 | PASS |
|             | Ant5  | 6985 | -4.68 | 3.99 | -0.69 | ≤5.00 | PASS |
|             | Ant6  | 6985 | -5.9  | 3.99 | -1.91 | ≤5.00 | PASS |
|             | total | 6985 | 0.6   | 3.99 | 4.59  | ≤5.00 | PASS |
| 11BE320MIMO | Ant3  | 6265 | -6.62 | 4.99 | -1.63 | ≤5.00 | PASS |
|             | Ant4  | 6265 | -6.07 | 4.99 | -1.08 | ≤5.00 | PASS |
|             | Ant5  | 6265 | -5.83 | 4.99 | -0.84 | ≤5.00 | PASS |
|             | Ant6  | 6265 | -6.39 | 4.99 | -1.4  | ≤5.00 | PASS |
|             | total | 6265 | -0.2  | 4.99 | 4.79  | ≤5.00 | PASS |
|             | Ant3  | 6585 | -5.91 | 3.99 | -1.92 | ≤5.00 | PASS |
|             | Ant4  | 6585 | -5.08 | 3.99 | -1.09 | ≤5.00 | PASS |
|             | Ant5  | 6585 | -4.9  | 3.99 | -0.91 | ≤5.00 | PASS |
|             | Ant6  | 6585 | -6.01 | 3.99 | -2.02 | ≤5.00 | PASS |
|             | total | 6585 | 0.57  | 3.99 | 4.56  | ≤5.00 | PASS |
|             | Ant3  | 6905 | -6.28 | 3.99 | -2.29 | ≤5.00 | PASS |
|             | Ant4  | 6905 | -5.79 | 3.99 | -1.8  | ≤5.00 | PASS |
|             | Ant5  | 6905 | -5.15 | 3.99 | -1.16 | ≤5.00 | PASS |
|             | Ant6  | 6905 | -6.62 | 3.99 | -2.63 | ≤5.00 | PASS |
| total       | 6905  | 0.1  | 3.99  | 4.09 | ≤5.00 | PASS  |      |

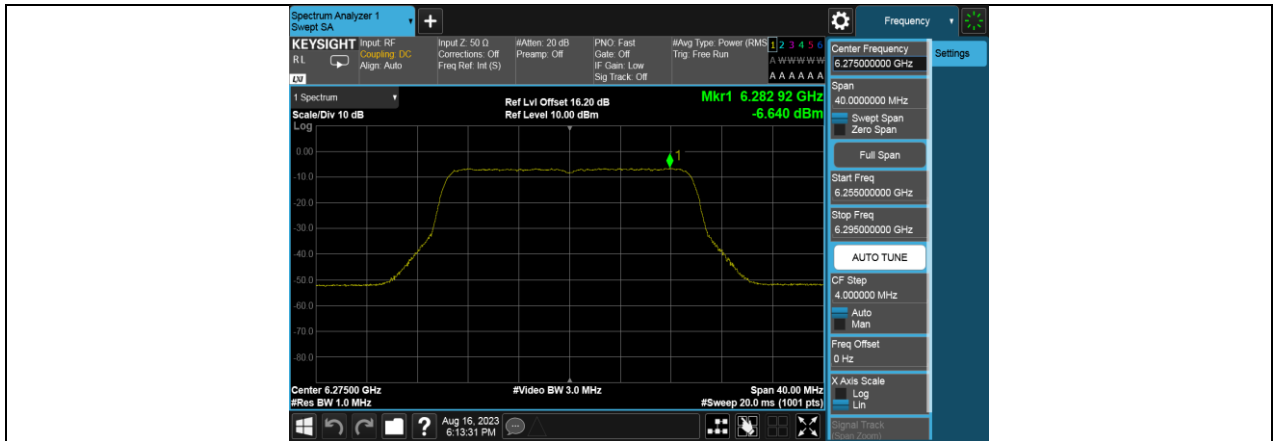
- Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.  
 2. All the modes had been test, but only the worst data was recorded in the report.

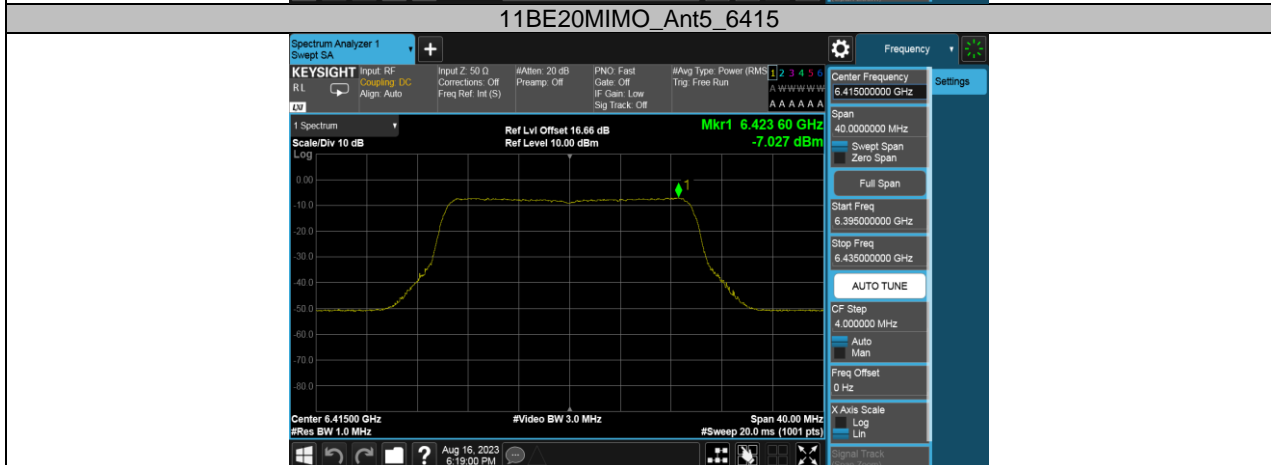
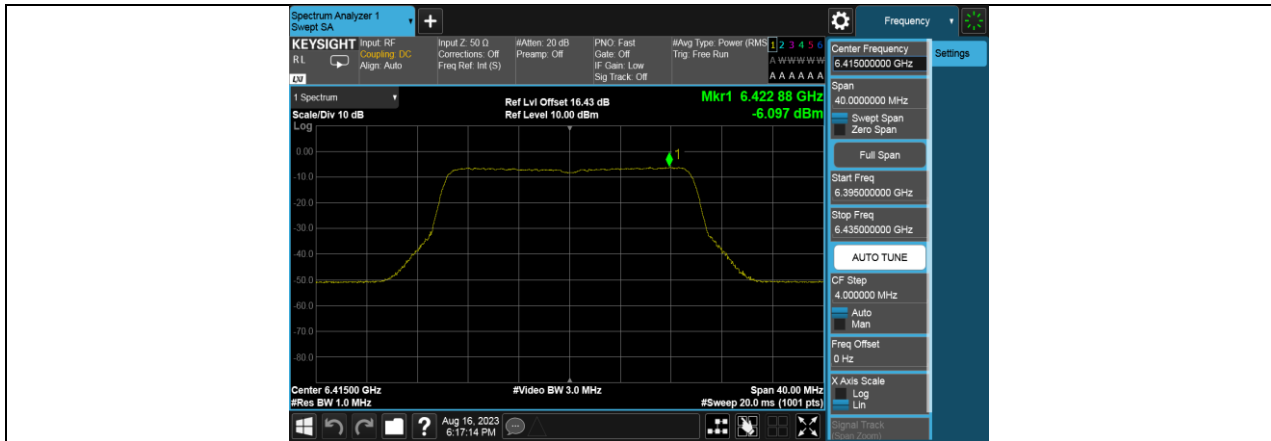
### 11.5.2. Test Graphs

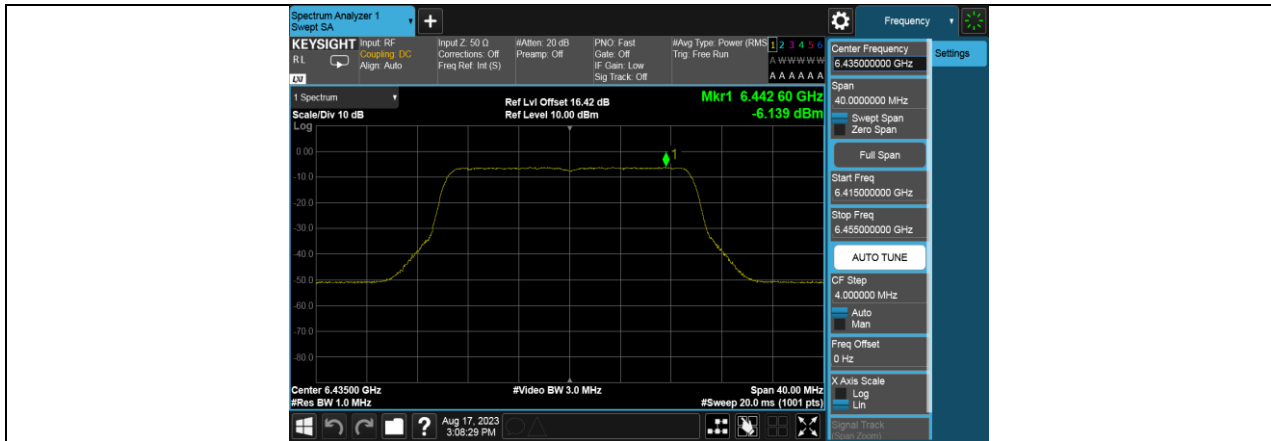




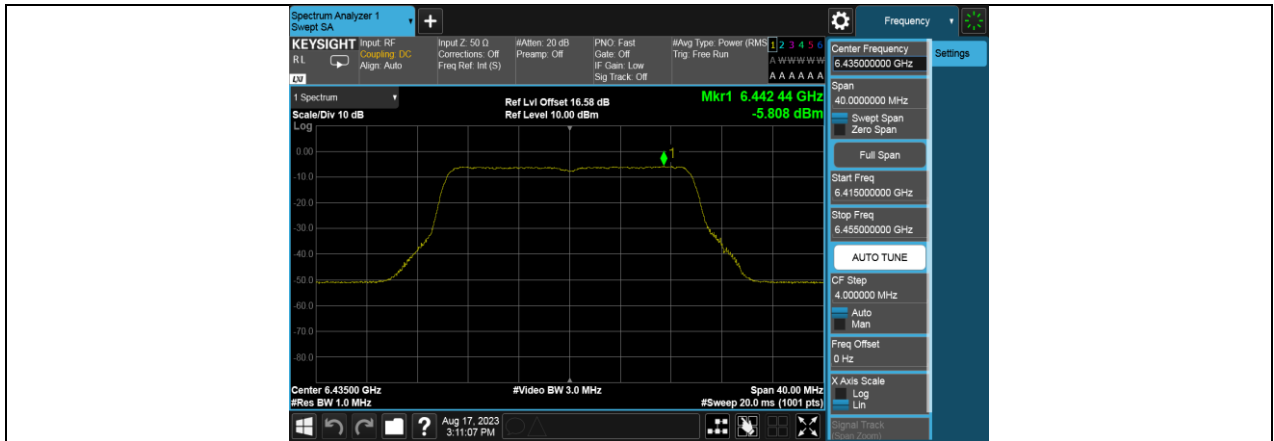




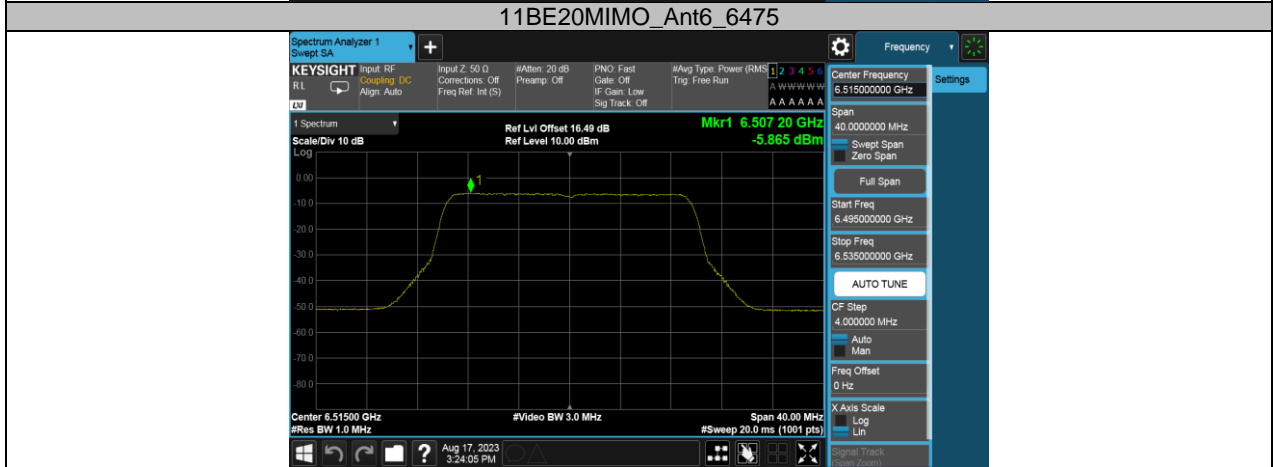
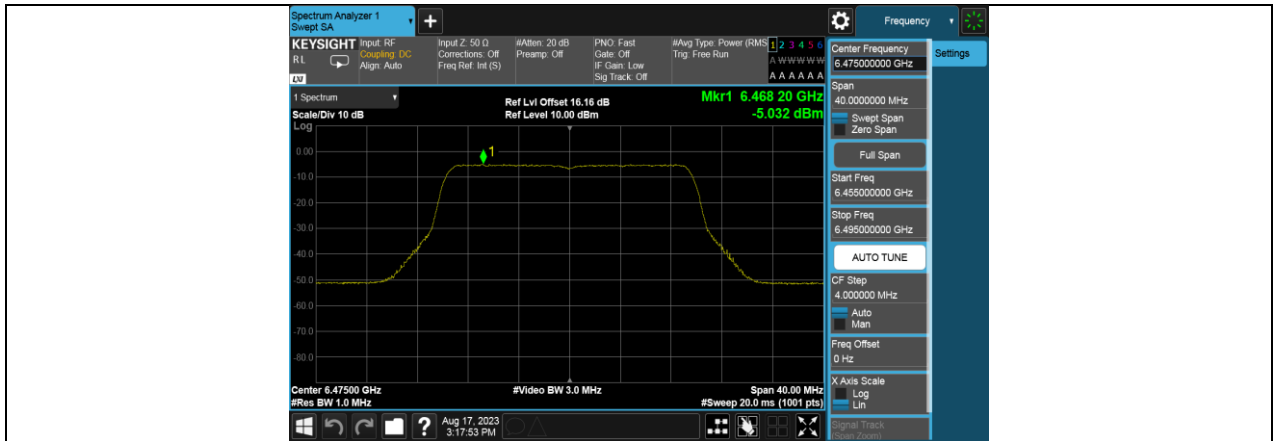




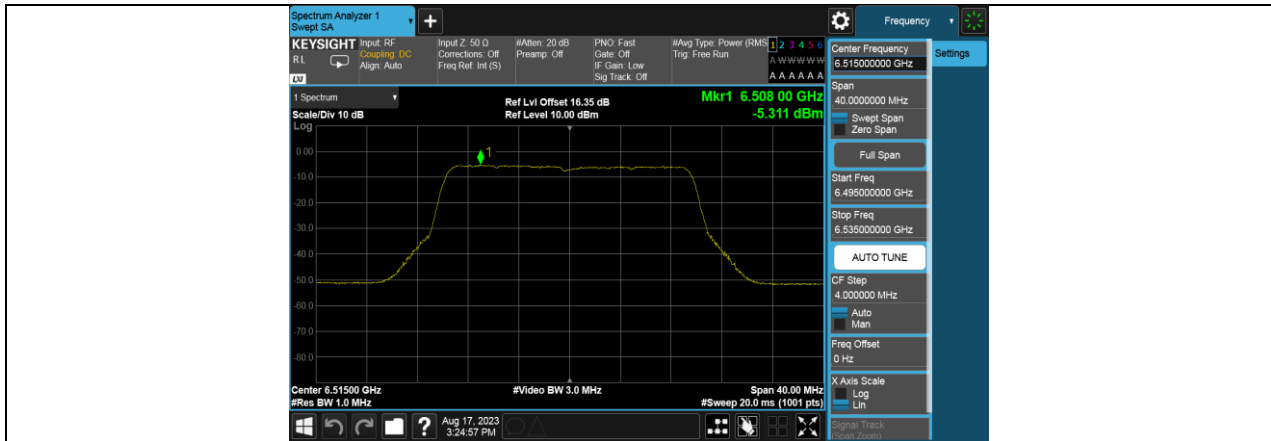
**11BE20MIMO\_Ant5\_6435**

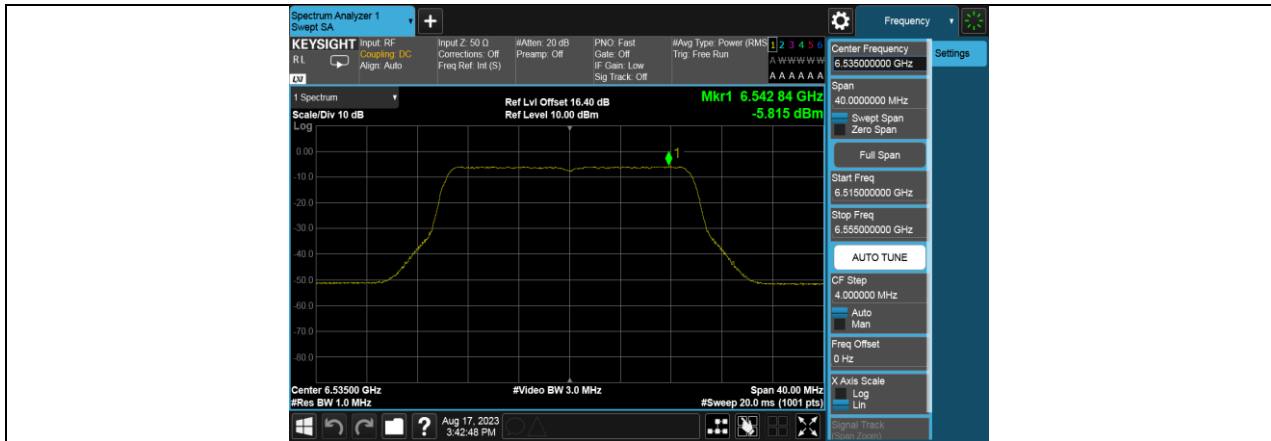


**11BE20MIMO\_Ant4\_6475**



**11BE20MIMO\_Ant3\_6515**





**11BE20MIMO\_Ant5\_6535**