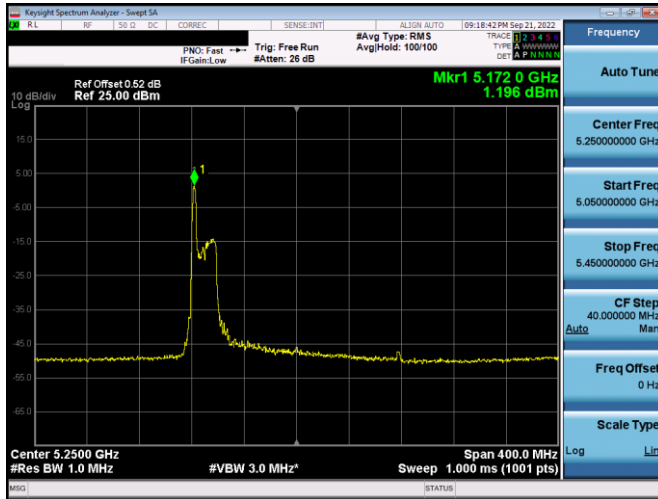
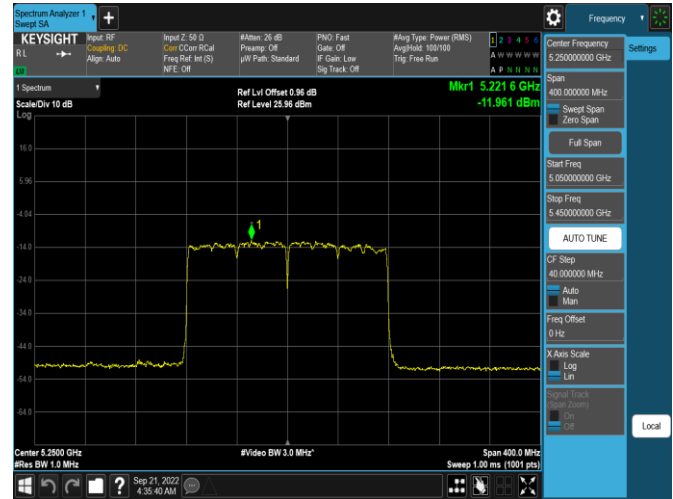
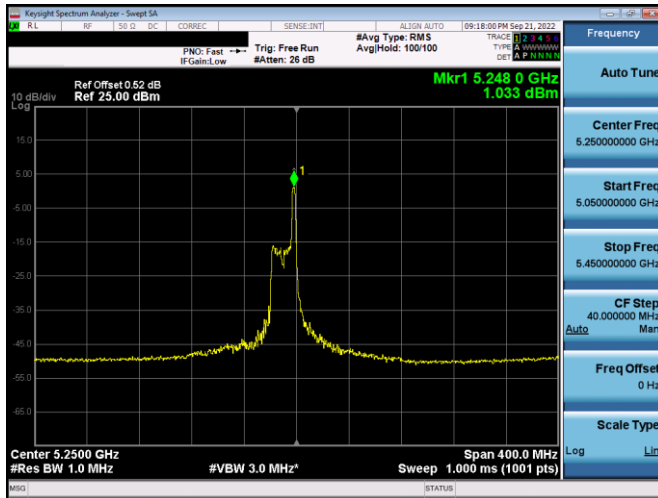




Plot 7-181. ISED PSD Antenna WF5T (20MHz BW 11ax Index 0 – RU26 – Ch.50(L))



Plot 7-183. ISED PSD Antenna WF5T (20MHz BW 11ax Index 68 – RU996x2 – Ch.50)



Plot 7-182. ISED PSD Antenna WF5T (20MHz BW 11ax Index 36 – RU26 – Ch.50(L))

|                                                |                                                                                                                                   |                                   |                                          |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759             |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2205090024-10.BCG | <b>Test Dates:</b><br>05/30/2022-9/22/2022                                                                                        | <b>EUT Type:</b><br>Tablet Device | Page 102 of 289                          |

## Antenna WF5B Power Spectral Density Measurements

|           | Frequency<br>[MHz] | Channel<br>No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power<br>Density<br>[dBm/MHz] | Max Power<br>Density<br>[dBm/MHz] | Margin<br>[dB] |
|-----------|--------------------|----------------|-------------|---------|----------|-------------------|----------------------------------------|-----------------------------------|----------------|
| Band 1    | 5180               | 36             | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 9.44                                   | 11.0                              | -1.56          |
|           |                    |                |             | 26      | 4        | 12.5/14.7 (MCS11) | 8.59                                   | 11.0                              | -2.41          |
|           |                    |                |             | 26      | 8        | 12.5/14.7 (MCS11) | 9.21                                   | 11.0                              | -1.79          |
|           | 5200               | 40             | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 8.66                                   | 11.0                              | -2.34          |
|           |                    |                |             | 26      | 4        | 12.5/14.7 (MCS11) | 8.51                                   | 11.0                              | -2.49          |
|           |                    |                |             | 26      | 8        | 12.5/14.7 (MCS11) | 8.66                                   | 11.0                              | -2.35          |
|           | 5240               | 48             | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 8.26                                   | 11.0                              | -2.75          |
|           |                    |                |             | 26      | 4        | 12.5/14.7 (MCS11) | 7.81                                   | 11.0                              | -3.19          |
|           |                    |                |             | 26      | 8        | 12.5/14.7 (MCS11) | 8.60                                   | 11.0                              | -2.40          |
|           | 5190               | 38             | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.62                                   | 11.0                              | -5.38          |
|           |                    |                |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.92                                   | 11.0                              | -4.08          |
|           |                    |                |             | 26      | 17       | 12.5/14.7 (MCS11) | 5.57                                   | 11.0                              | -5.43          |
|           | 5230               | 46             | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.15                                   | 11.0                              | -5.85          |
|           |                    |                |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.11                                   | 11.0                              | -4.89          |
|           |                    |                |             | 26      | 17       | 12.5/14.7 (MCS11) | 5.64                                   | 11.0                              | -5.36          |
|           | 5210               | 42             | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 7.25                                   | 11.0                              | -3.76          |
|           |                    |                |             | 26      | 18       | 12.5/14.7 (MCS11) | 6.58                                   | 11.0                              | -4.42          |
|           |                    |                |             | 26      | 36       | 12.5/14.7 (MCS11) | 7.31                                   | 11.0                              | -3.69          |
| Band 1/2A | 5250               | 50 (L)         | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 0.71                                   | 11.0                              | -10.29         |
|           |                    | 50 (U)         |             | 26      | 36       | 12.5/14.7 (MCS11) | 0.46                                   | 11.0                              | -10.54         |
|           |                    |                |             | 26      | 36       | 12.5/14.7 (MCS11) | 0.49                                   | 11.0                              | -10.51         |
| Band 2C   | 5570*              | 114 (L)        | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 0.21                                   | 11.0                              | -10.79         |
|           |                    | 114 (U)        |             | 26      | 36       | 12.5/14.7 (MCS11) | -0.32                                  | 11.0                              | -11.32         |
|           |                    |                |             | 26      | 36       | 12.5/14.7 (MCS11) | -0.67                                  | 11.0                              | -11.67         |

Table 7-109. Bands 1,2A,2C Power Spectral Density Measurements Antenna WF5B (RU26)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 103 of 289                   |

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|         | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps] | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|---------|-----------------|-------------|-------------|---------|----------|------------------|----------------------------------|-----------------------------|-------------|
| Band 2A | 5260            | 52          | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.77                             | 11.0                        | -1.23       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 10.19                            | 11.0                        | -0.81       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.24                             | 11.0                        | -1.76       |
|         | 5300            | 60          | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.91                             | 11.0                        | -1.09       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 10.42                            | 11.0                        | -0.59       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.74                             | 11.0                        | -1.27       |
|         | 5320            | 64          | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.81                             | 11.0                        | -1.19       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 10.35                            | 11.0                        | -0.65       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.48                             | 11.0                        | -1.52       |
|         | 5270            | 54          | ax (40MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 8.57                             | 11.0                        | -2.43       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.11                             | 11.0                        | -1.89       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 8.63                             | 11.0                        | -2.37       |
|         | 5310            | 62          | ax (40MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 7.52                             | 11.0                        | -3.48       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 8.16                             | 11.0                        | -2.84       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 7.47                             | 11.0                        | -3.54       |
|         | 5290            | 58          | ax (80MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 4.22                             | 11.0                        | -6.78       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 4.71                             | 11.0                        | -6.29       |
|         |                 |             |             | 52      | 52       | 25/29.4 (MCS11)  | 4.31                             | 11.0                        | -6.69       |
| Band 2C | 5500            | 100         | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.45                             | 11.0                        | -1.55       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 9.82                             | 11.0                        | -1.18       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.77                             | 11.0                        | -1.23       |
|         | 5580            | 116         | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.66                             | 11.0                        | -1.34       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 9.89                             | 11.0                        | -1.11       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.42                             | 11.0                        | -1.58       |
|         | 5700            | 140         | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 7.16                             | 11.0                        | -3.84       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 6.93                             | 11.0                        | -4.07       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 6.85                             | 11.0                        | -4.15       |
|         | 5720            | 144         | ax (20MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.17                             | 11.0                        | -1.83       |
|         |                 |             |             | 52      | 38       | 25/29.4 (MCS11)  | 9.37                             | 11.0                        | -1.63       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 9.46                             | 11.0                        | -1.54       |
|         | 5510            | 102         | ax (40MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 4.86                             | 11.0                        | -6.14       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 5.37                             | 11.0                        | -5.63       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 5.19                             | 11.0                        | -5.81       |
|         | 5550            | 110         | ax (40MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.73                             | 11.0                        | -1.27       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 8.69                             | 11.0                        | -2.31       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 8.42                             | 11.0                        | -2.58       |
|         | 5710            | 142         | ax (40MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.14                             | 11.0                        | -1.86       |
|         |                 |             |             | 52      | 40       | 25/29.4 (MCS11)  | 10.05                            | 11.0                        | -0.95       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 10.25                            | 11.0                        | -0.75       |
|         | 5530            | 106         | ax (80MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 5.35                             | 11.0                        | -5.65       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 4.95                             | 11.0                        | -6.05       |
|         |                 |             |             | 52      | 52       | 25/29.4 (MCS11)  | 4.82                             | 11.0                        | -6.18       |
|         | 5610*           | 122         | ax (80MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 9.23                             | 11.0                        | -1.77       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 9.18                             | 11.0                        | -1.82       |
|         |                 |             |             | 52      | 52       | 25/29.4 (MCS11)  | 8.40                             | 11.0                        | -2.61       |
|         | 5690            | 138         | ax (80MHz)  | 52      | 37       | 25/29.4 (MCS11)  | 8.60                             | 11.0                        | -2.40       |
|         |                 |             |             | 52      | 44       | 25/29.4 (MCS11)  | 8.72                             | 11.0                        | -2.28       |
|         |                 |             |             | 52      | 52       | 25/29.4 (MCS11)  | 8.65                             | 11.0                        | -2.35       |

Table 7-110. 2A, 2C Power Spectral Density Measurements Antenna WF5B (RU52)

\*TDWR channel is not supported for ISSED (denoted by a \* next to the frequency)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 104 of 289                   |

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|           | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Max Power Density [dBm/MHz] | Margin [dB] |
|-----------|-----------------|-------------|-------------|---------|----------|---------------------|----------------------------------|-----------------------------|-------------|
| Band 1    | 5180            | 36          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 5.50                             | 11.0                        | -5.50       |
|           | 5200            | 40          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 9.18                             | 11.0                        | -1.82       |
|           | 5240            | 48          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 9.04                             | 11.0                        | -1.96       |
|           | 5190            | 38          | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -1.39                            | 11.0                        | -12.39      |
|           | 5230            | 46          | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 6.57                             | 11.0                        | -4.43       |
|           | 5210            | 42          | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -6.94                            | 11.0                        | -17.94      |
| Band 1/2A | 5250            | 50          | ax (160MHz) | 996x2   | 68       | 510.4/600.5 (MCS11) | -13.08                           | 11.0                        | -24.08      |
| Band 2A   | 5260            | 52          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 8.92                             | 11.0                        | -2.08       |
|           | 5300            | 60          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 8.73                             | 11.0                        | -2.27       |
|           | 5320            | 64          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 4.51                             | 11.0                        | -6.49       |
|           | 5270            | 54          | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 5.41                             | 11.0                        | -5.59       |
|           | 5310            | 62          | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -0.76                            | 11.0                        | -11.76      |
|           | 5290            | 58          | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -7.36                            | 11.0                        | -18.36      |
| Band 2C   | 5500            | 100         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 3.83                             | 11.0                        | -7.17       |
|           | 5580            | 116         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 8.78                             | 11.0                        | -2.22       |
|           | 5700            | 140         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 1.81                             | 11.0                        | -9.19       |
|           | 5720            | 144         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 9.05                             | 11.0                        | -1.95       |
|           | 5510            | 102         | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -2.44                            | 11.0                        | -13.44      |
|           | 5550            | 110         | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 1.34                             | 11.0                        | -9.66       |
|           | 5710            | 142         | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 6.26                             | 11.0                        | -4.74       |
|           | 5530            | 106         | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -8.98                            | 11.0                        | -19.98      |
|           | 5610*           | 122         | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -5.69                            | 11.0                        | -16.69      |
|           | 5690            | 138         | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -1.03                            | 11.0                        | -12.03      |
|           | 5560*           | 114         | ax (160MHz) | 996x2   | 68       | 510.4/600.5 (MCS11) | -13.23                           | 11.0                        | -24.23      |

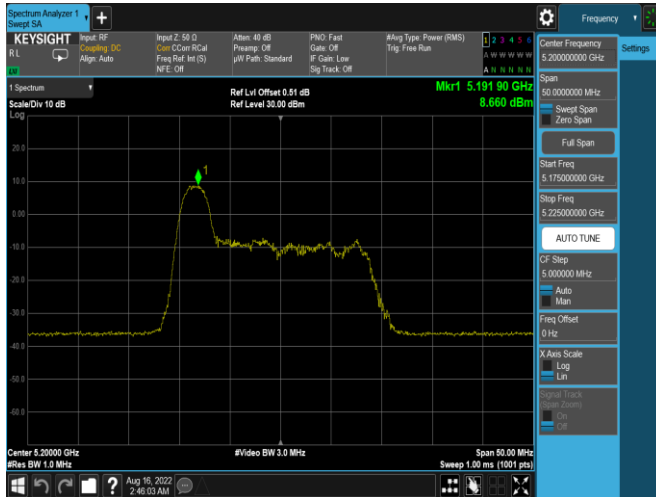
**Table 7-111. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF5B (Fully-loaded RU)**

\*TDWR channel is not supported for ISSED (denoted by a \* next to the frequency)

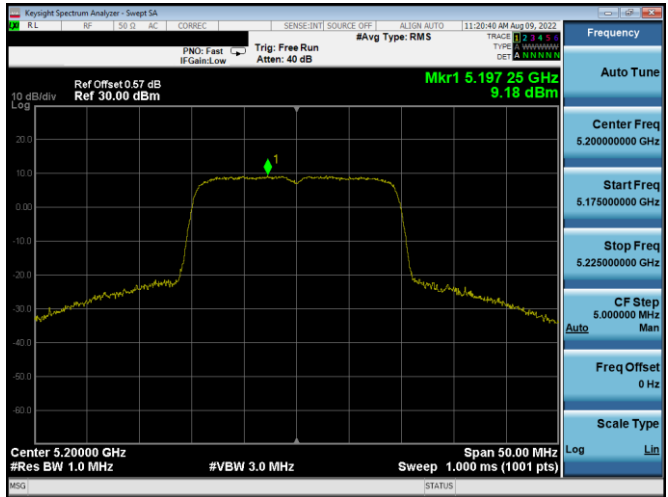
|                                         |                                                                                                                                   |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                                                               | EUT Type:<br>Tablet Device | Page 105 of 289                   |

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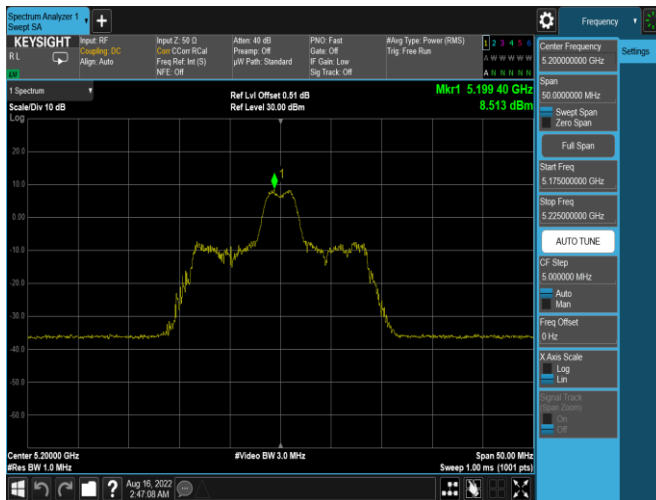
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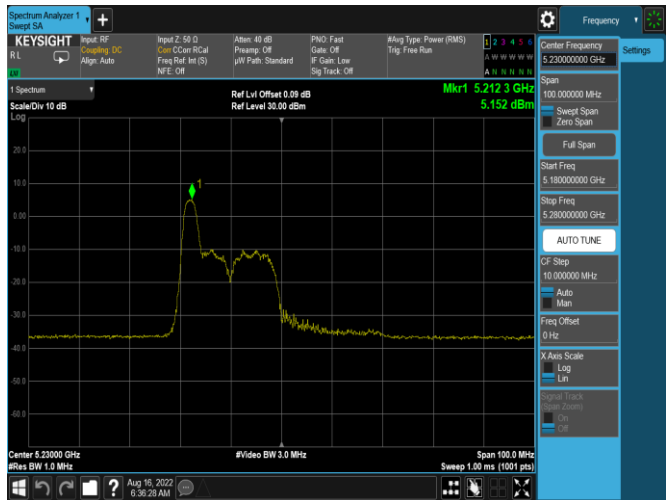
Plot 7-184. PSD Antenna WF5B (20MHz BW 11ax Index 0 - RU26 - Ch.40)



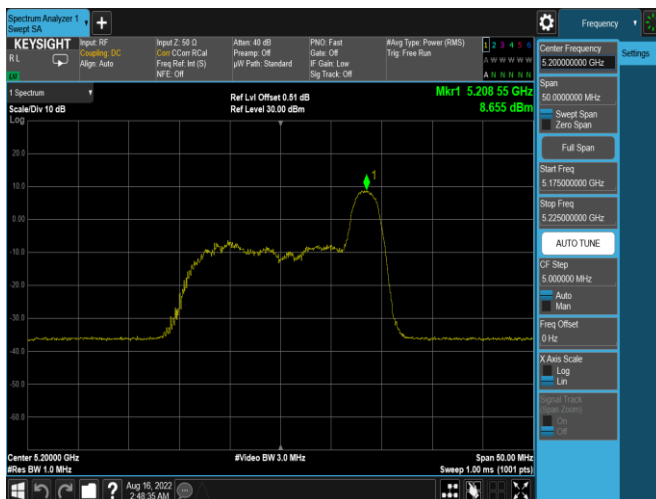
Plot 7-187. PSD Antenna WF5B (20MHz BW 11ax- RU242 - Ch.40)



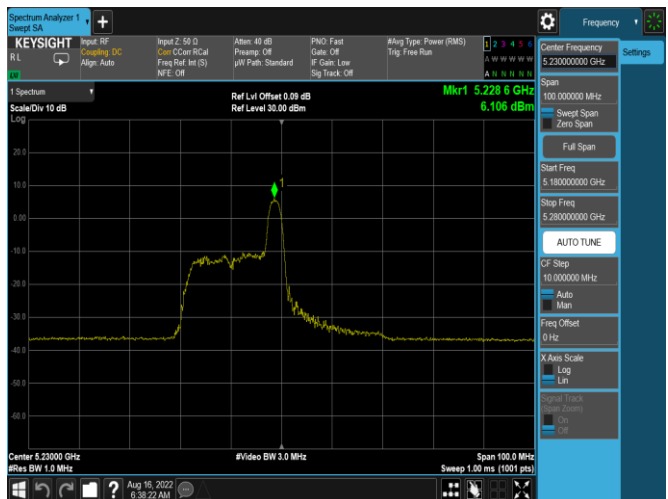
Plot 7-185. PSD Antenna WF5B (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-188. PSD Antenna WF5B (40MHz BW 11ax Index 0 - RU26 - Ch.46)

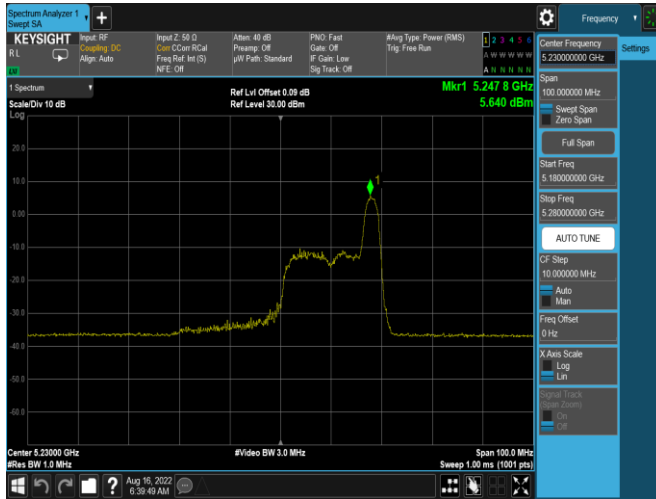


Plot 7-186. PSD Antenna WF5B (20MHz BW 11ax Index 8- RU26 - Ch.40)



Plot 7-189. PSD Antenna WF5B (40MHz BW 11ax Index 8 - RU26 - Ch.46)

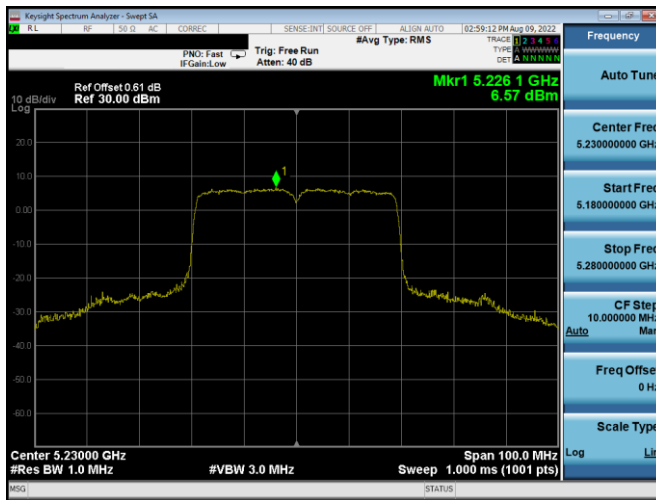
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 106 of 289                   |



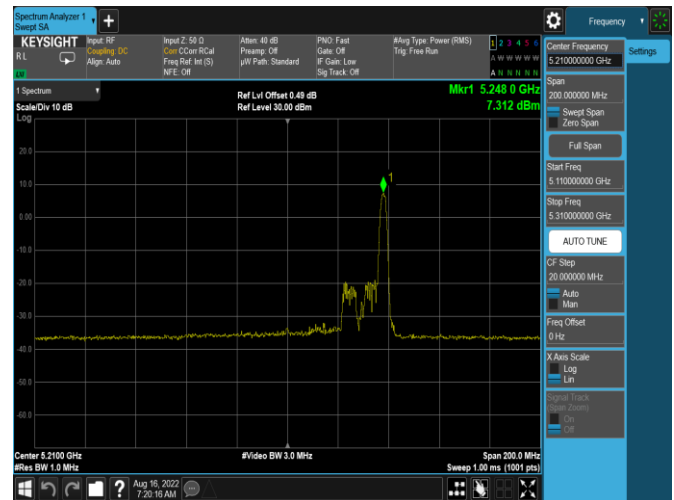
Plot 7-190. PSD Antenna WF5B (40MHz BW 11ax Index 17 - RU26 - Ch.46)



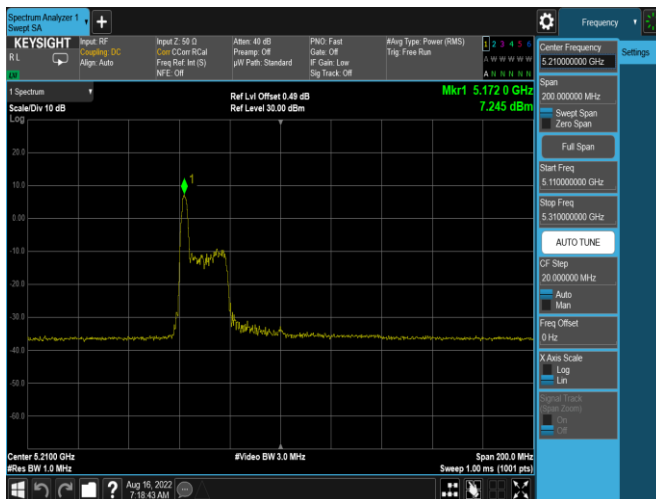
Plot 7-193. PSD Antenna WF5B (80MHz BW 11ax Index 18 - RU26 - Ch.42)



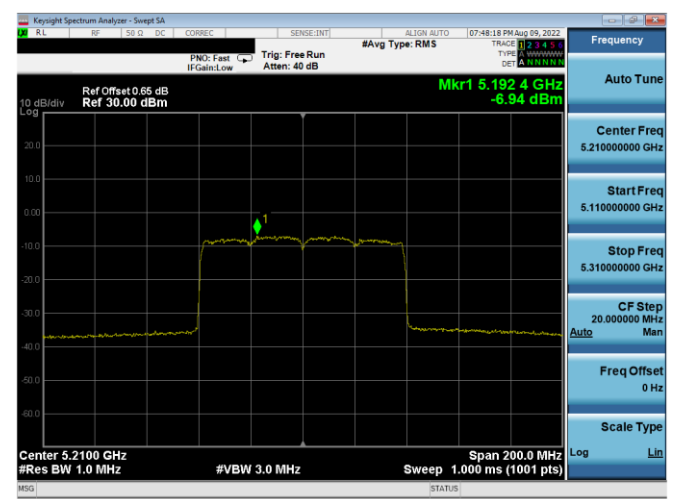
Plot 7-191. PSD Antenna WF5B (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-194. PSD Antenna WF5B (80MHz BW 11ax Index 36 - RU26 - Ch.42)

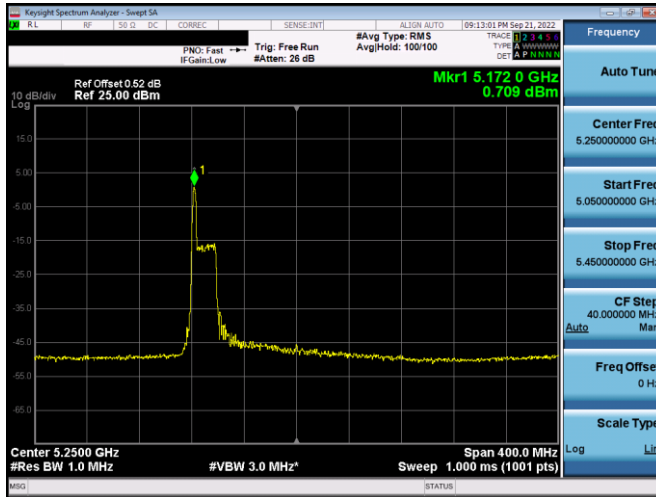


Plot 7-192. PSD Antenna WF5B (80MHz BW 11ax Index 0 - RU26 - Ch.42)

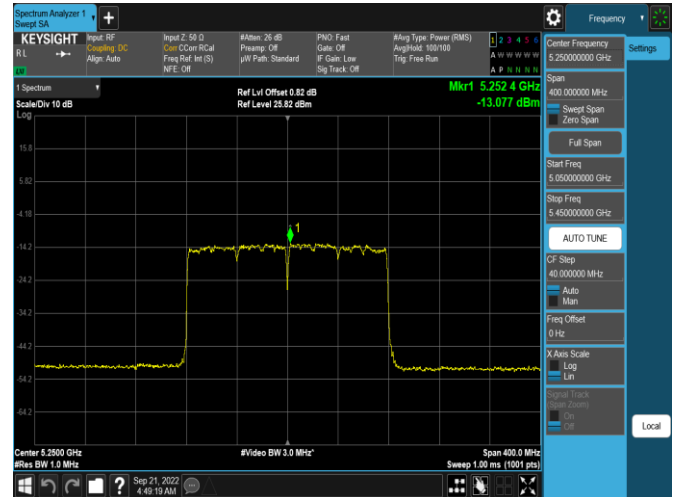


Plot 7-195. PSD Antenna WF5B (80MHz BW 11ax - RU996 - Ch.42)

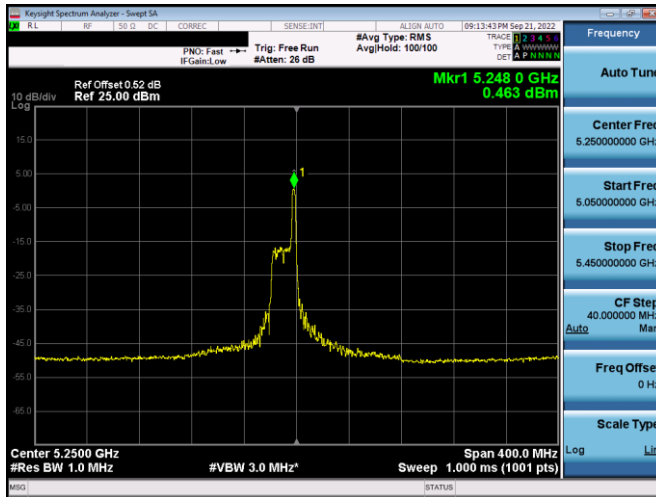
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 107 of 289                   |



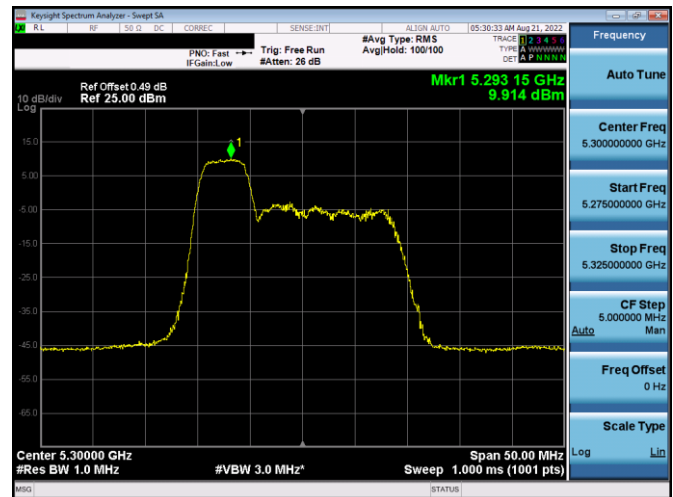
Plot 7-196. PSD Antenna WF5B (20MHz BW 11ax Index 0 – RU26 – Ch.50(L))



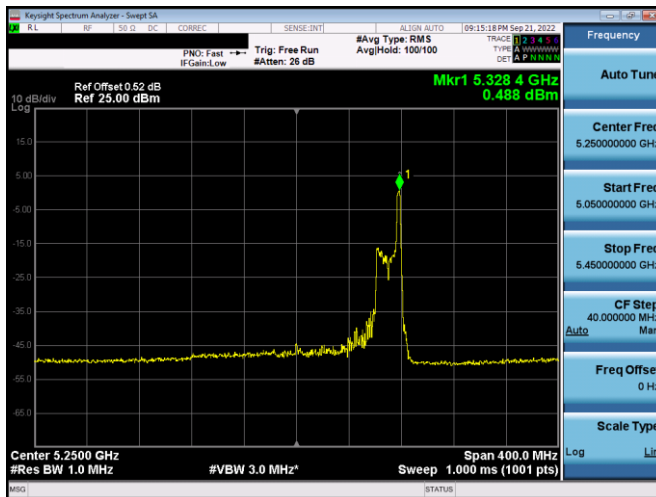
Plot 7-199. PSD Antenna WF5B (20MHz BW 11ax Index 68– RU996x2 – Ch.50)



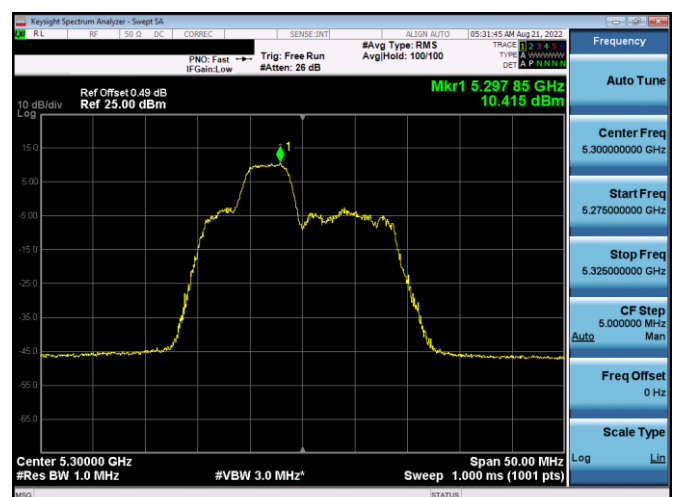
Plot 7-197. PSD Antenna WF5B (20MHz BW 11ax Index 36 – RU26 – Ch.50(L))



Plot 7-200. PSD Antenna WF5B (20MHz BW 11ax Index 37 – RU52 – Ch.60)



Plot 7-198. PSD Antenna WF5B (20MHz BW 11ax Index 36– RU26 – Ch.50(U))

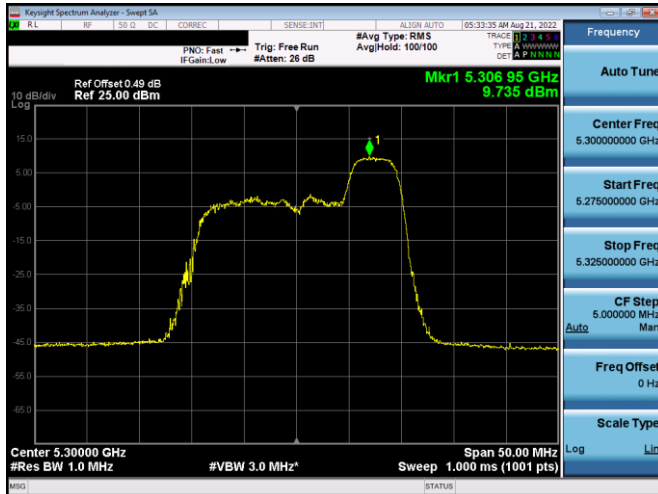


Plot 7-201. PSD Antenna WF5B (20MHz BW 11ax Index 38 – RU52 – Ch.60)

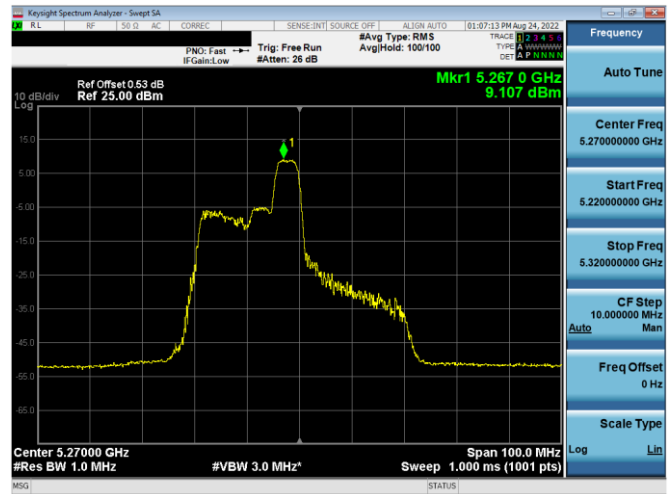
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 108 of 289                   |

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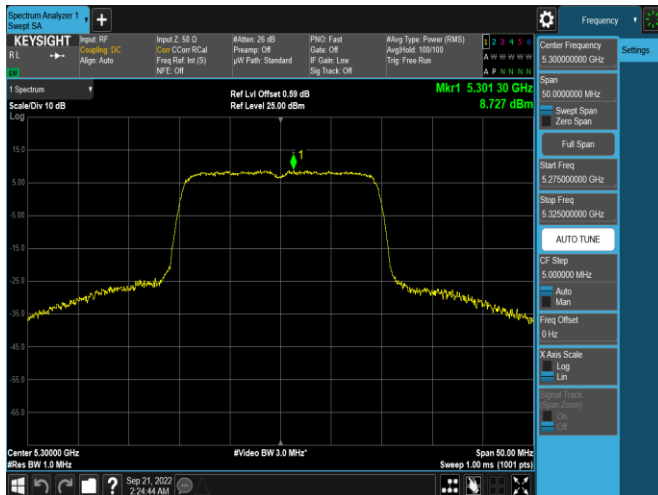
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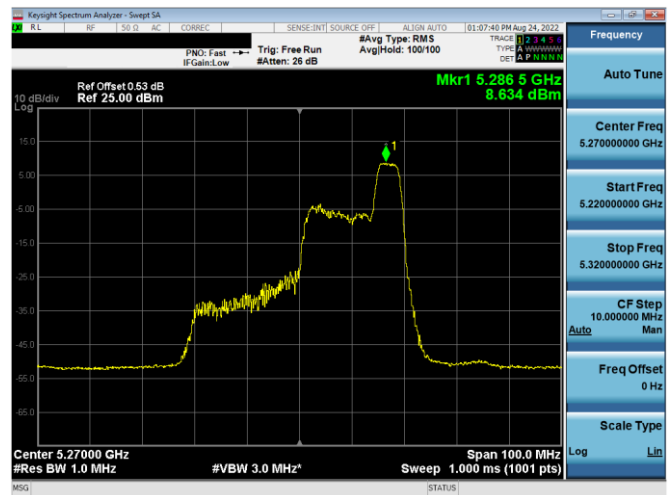
Plot 7-202. PSD Antenna WF5B (20MHz BW 11ax Index 40- RU52 - Ch.60)



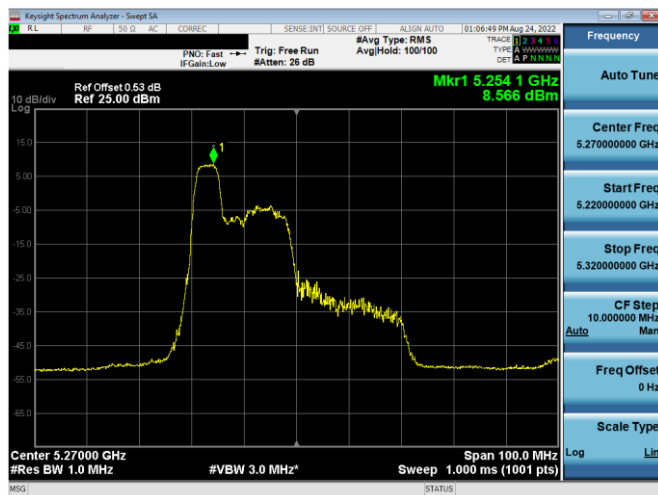
Plot 7-205. PSD Antenna WF5B (40MHz BW 11ax Index 40 - RU52 - Ch.54)



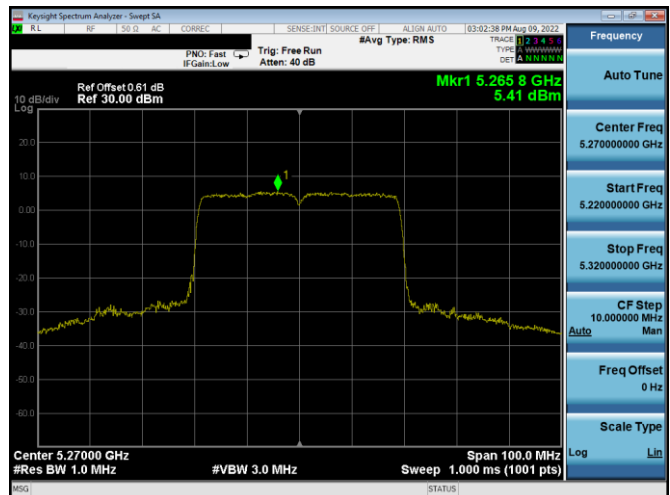
Plot 7-203. PSD Antenna WF5B (20MHz BW 11ax- RU242 - Ch.60)



Plot 7-206. PSD Antenna WF5B (40MHz BW 11ax Index 44 - RU52 - Ch.54)

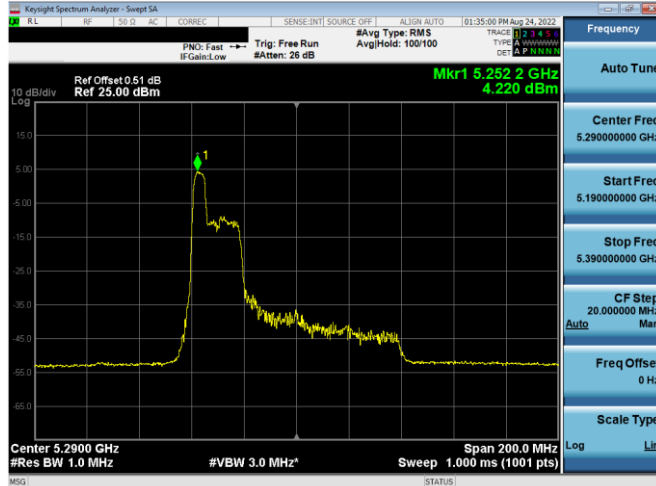


Plot 7-204. PSD Antenna WF5B (40MHz BW 11ax Index 37 - RU52 - Ch.54)

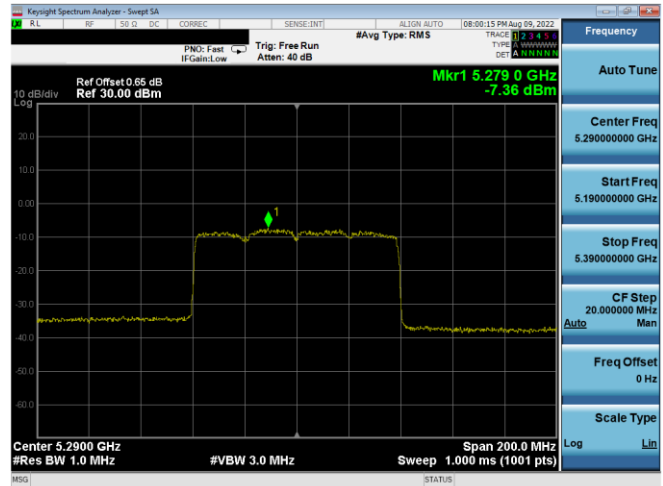


Plot 7-207. PSD Antenna WF5B (40MHz BW 11ax - RU484 - Ch.54)

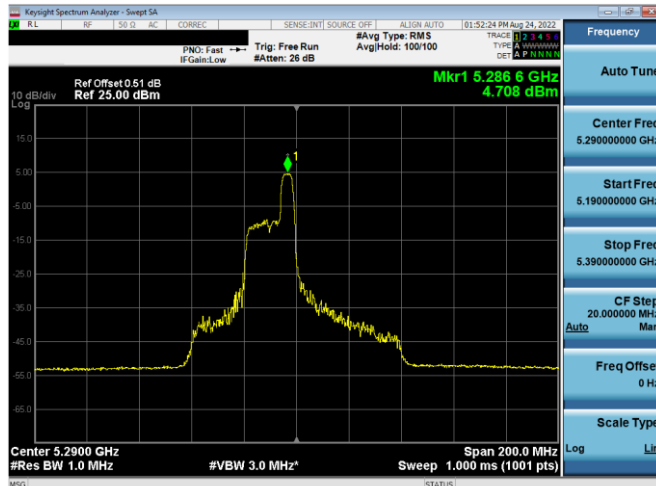
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 109 of 289                   |



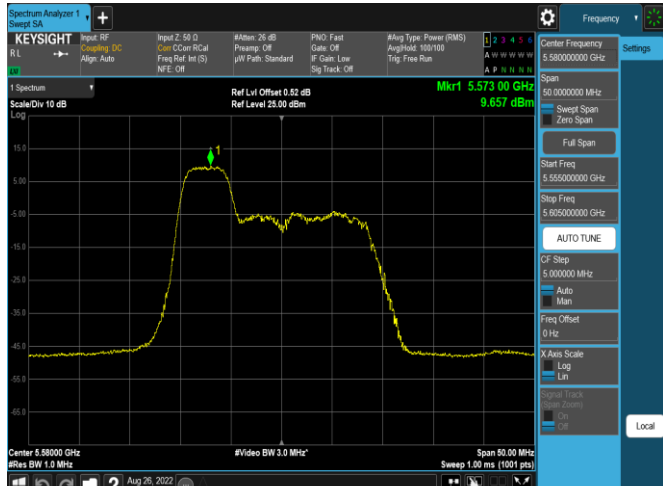
Plot 7-208. PSD Antenna WF5B (80MHz BW 11ax Index 37 – RU52 – Ch.58)



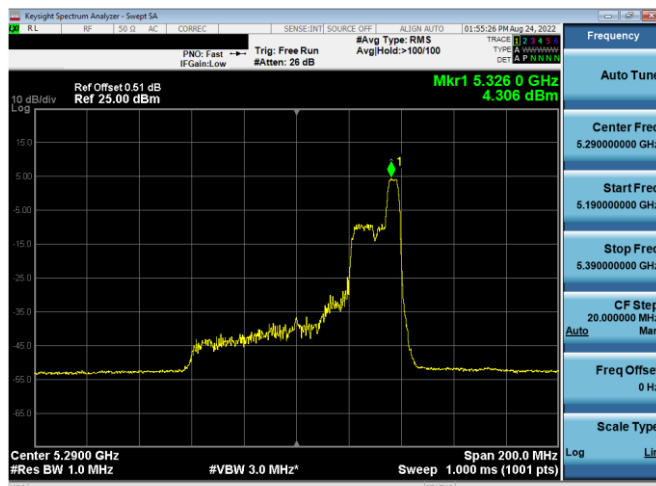
Plot 7-211. PSD Antenna WF5B (80MHz BW 11ax – RU996 – Ch.58)



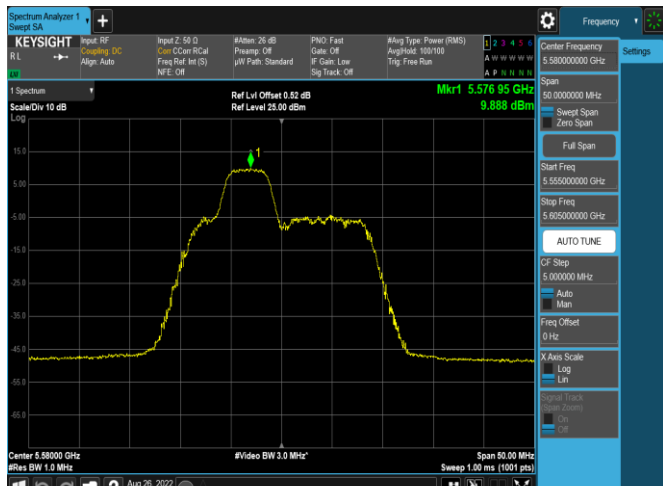
Plot 7-209. PSD Antenna WF5B (80MHz BW 11ax Index 44 – RU52 – Ch.58)



Plot 7-212. PSD Antenna WF5B (20MHz BW 11ax Index 37 – RU52 – Ch.116)

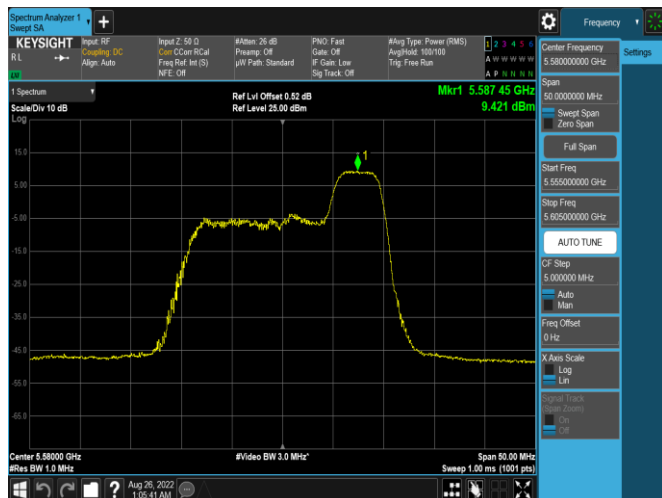


Plot 7-210. PSD Antenna WF5B (80MHz BW 11ax Index 52 – RU52 – Ch.58)

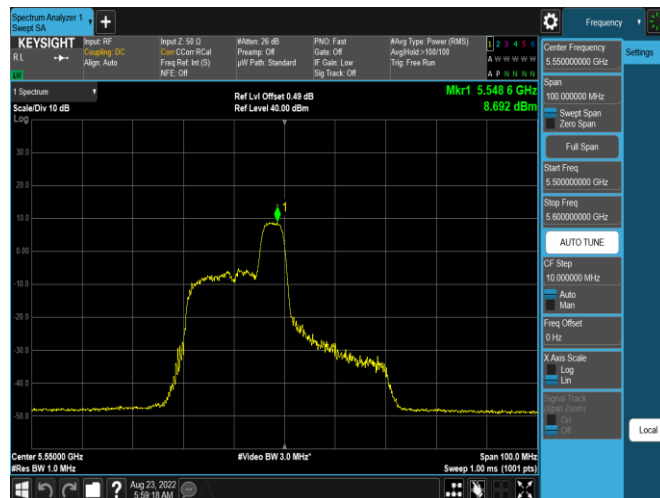


Plot 7-213. PSD Antenna WF5B (20MHz BW 11ax Index 38 – RU52 – Ch.116)

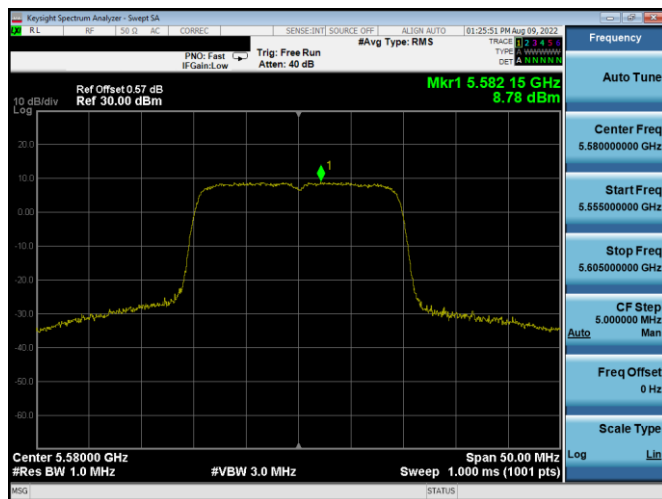
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 110 of 289                   |



Plot 7-214. PSD Antenna WF5B (20MHz BW 11ax Index 40- RU52 - Ch.116)



Plot 7-217. PSD Antenna WF5B (40MHz BW 11ax Index 40 - RU52 - Ch.110)



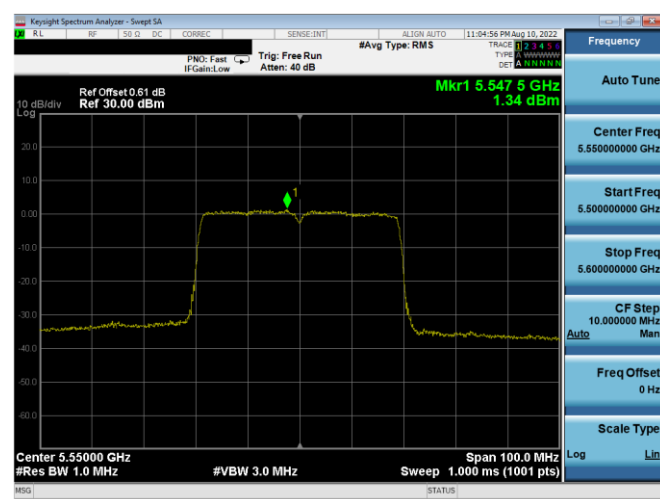
Plot 7-215. PSD Antenna WF5B (20MHz BW 11ax- RU242 - Ch.116)



Plot 7-218. PSD Antenna WF5B (40MHz BW 11ax Index 44 - RU52 - Ch.110)

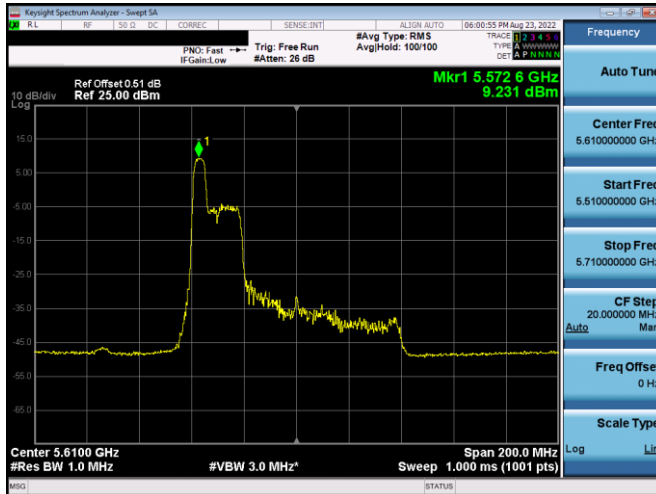


Plot 7-216. PSD Antenna WF5B (40MHz BW 11ax Index 37 - RU52 - Ch.110)

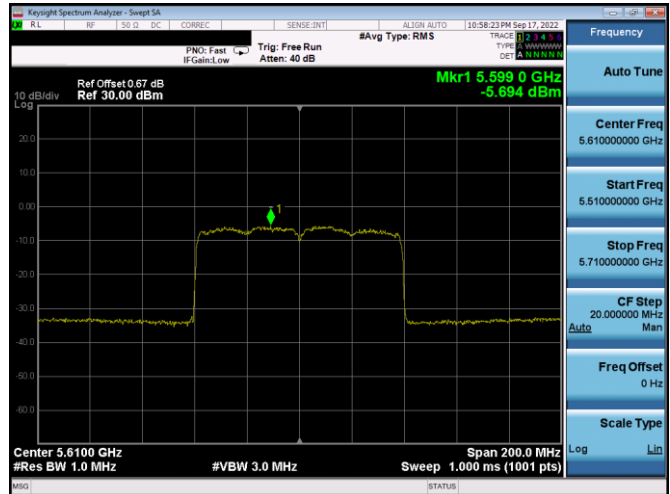


Plot 7-219. PSD Antenna WF5B (40MHz BW 11ax - RU484 - Ch.110)

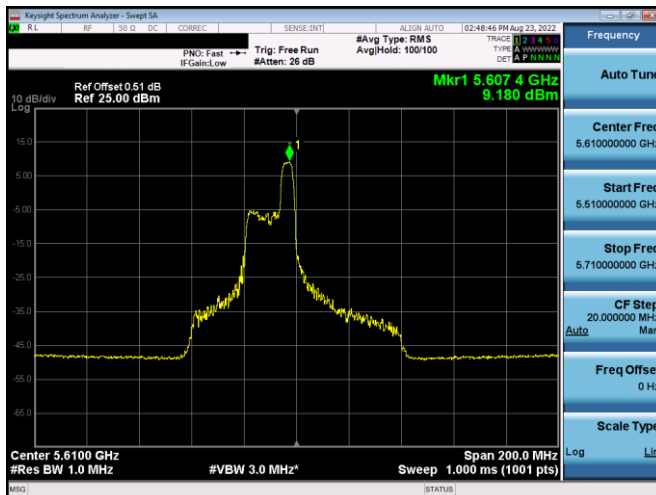
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 111 of 289                   |



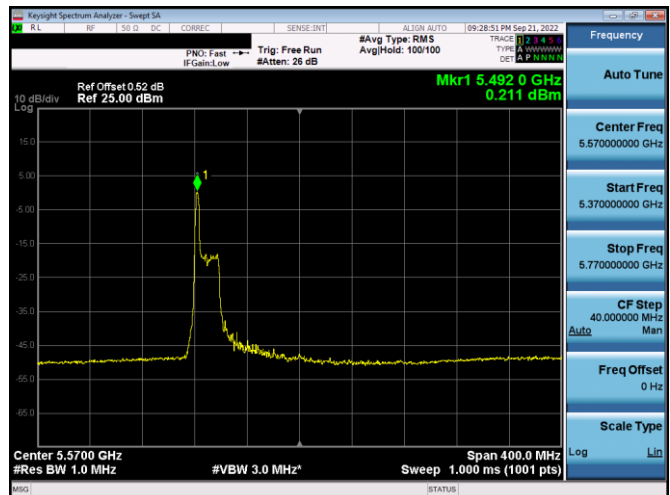
Plot 7-220. PSD Antenna WF5B (80MHz BW 11ax Index 37 - RU52 - Ch.122)



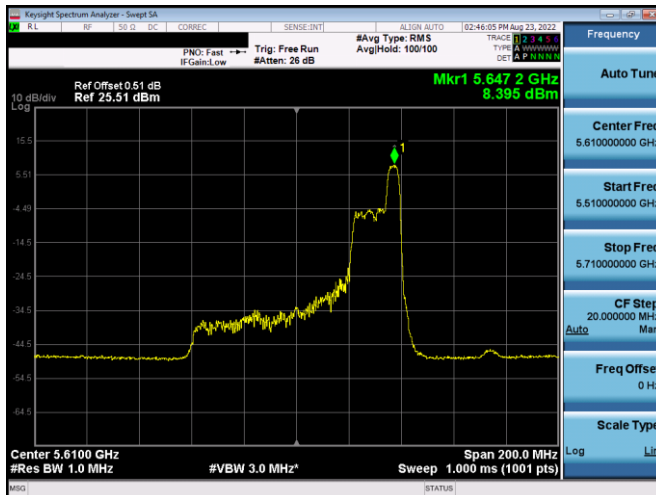
Plot 7-223. PSD Antenna WF5B (80MHz BW 11ax - RU996 - Ch.122)



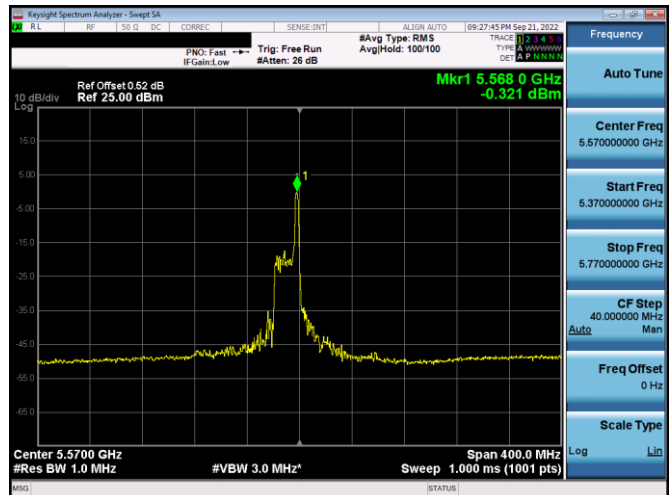
Plot 7-221. PSD Antenna WF5B (80MHz BW 11ax Index 44 - RU52 - Ch.122)



Plot 7-224. PSD Antenna WF5B (80MHz BW 11ax Index 0 - RU26 - Ch.114(L))

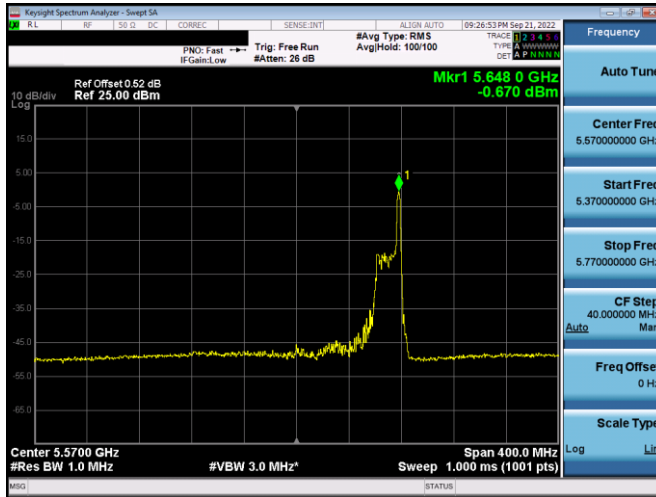


Plot 7-222. PSD Antenna WF5B (80MHz BW 11ax Index 52 - RU52 - Ch.122)

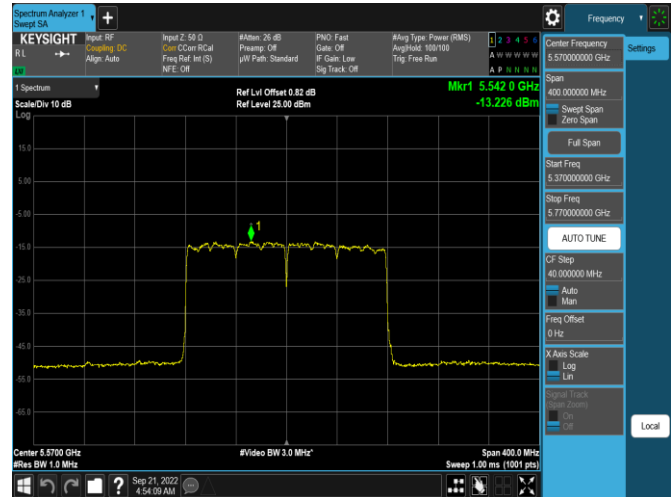


Plot 7-225. PSD Antenna WF5B (80MHz BW 11ax Index 36 - RU26 - Ch.114(L))

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 112 of 289                   |



Plot 7-226. PSD Antenna WF5B (80MHz BW 11ax Index 36 – RU26 – Ch.114(U))



Plot 7-227. PSD Antenna WF5B (80MHz BW 11ax Index 68 – RU996x2 – Ch.114)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 113 of 289                   |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|---------------------|-------------------------------------|--------------------------------------------|-------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.66                                | 30.00                                      | -23.34      |
|        | 5785            | 157         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.43                                | 30.00                                      | -23.57      |
|        | 5825            | 165         | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | 6.95                                | 30.00                                      | -23.05      |
|        | 5755            | 151         | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 2.20                                | 30.00                                      | -27.80      |
|        | 5795            | 159         | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | 3.73                                | 30.00                                      | -26.27      |
|        | 5775            | 155         | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -3.97                               | 30.00                                      | -33.97      |

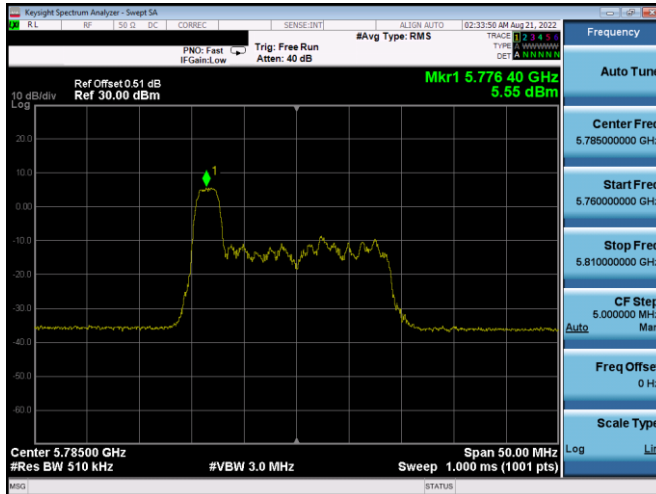
**Table 7-112. Band 3 Power Spectral Density Measurements Antenna WF5B (RU26)**

|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|-------------------------------------|--------------------------------------------|-------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.19                                | 30.00                                      | -23.82      |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 6.46                                | 30.00                                      | -23.54      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.12                                | 30.00                                      | -23.88      |
|        | 5785            | 157         | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.55                                | 30.00                                      | -24.45      |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 6.04                                | 30.00                                      | -23.96      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.00                                | 30.00                                      | -24.00      |
|        | 5825            | 165         | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.42                                | 30.00                                      | -24.58      |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 6.05                                | 30.00                                      | -23.95      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.10                                | 30.00                                      | -23.90      |
|        | 5755            | 151         | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.96                                | 30.00                                      | -24.04      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.32                                | 30.00                                      | -23.68      |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 5.44                                | 30.00                                      | -24.56      |
|        | 5795            | 159         | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.69                                | 30.00                                      | -24.31      |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 6.53                                | 30.00                                      | -23.47      |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 5.32                                | 30.00                                      | -24.68      |
|        | 5775            | 155         | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 6.11                                | 30.00                                      | -23.89      |
|        |                 |             |             | 26      | 18       | 12.5/14.7 (MCS11) | 5.59                                | 30.00                                      | -24.41      |
|        |                 |             |             | 26      | 36       | 12.5/14.7 (MCS11) | 5.70                                | 30.00                                      | -24.30      |

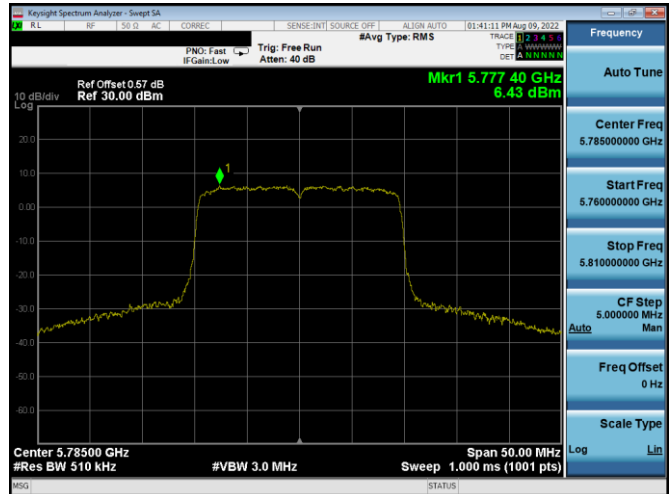
**Table 7-113. Band 3 Power Spectral Density Measurements Antenna WF5B (Fully-loaded RU)**

|                                         |                                                                                                                               |                            |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                                                           | EUT Type:<br>Tablet Device | Page 114 of 289                   |

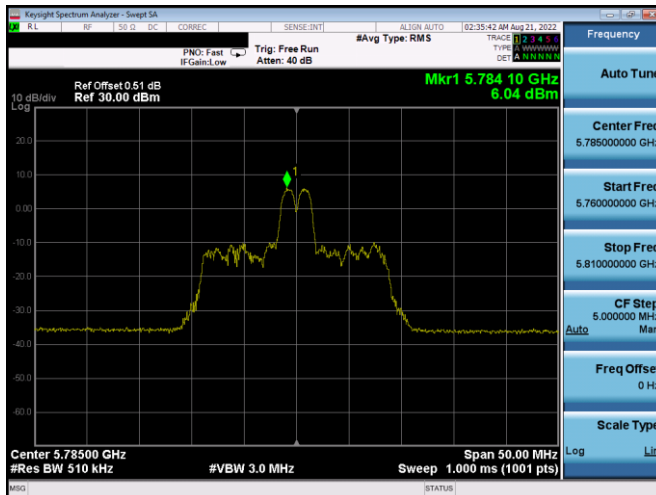
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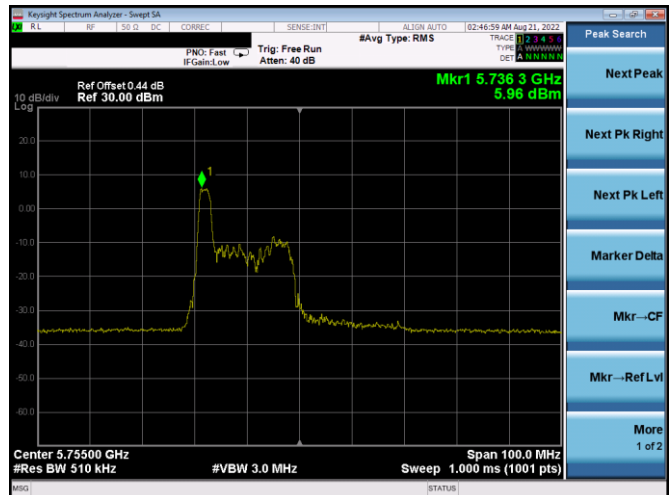
Plot 7-228. PSD Antenna WF5B (20MHz BW 11ax Index 0 - RU26 - Ch.157)



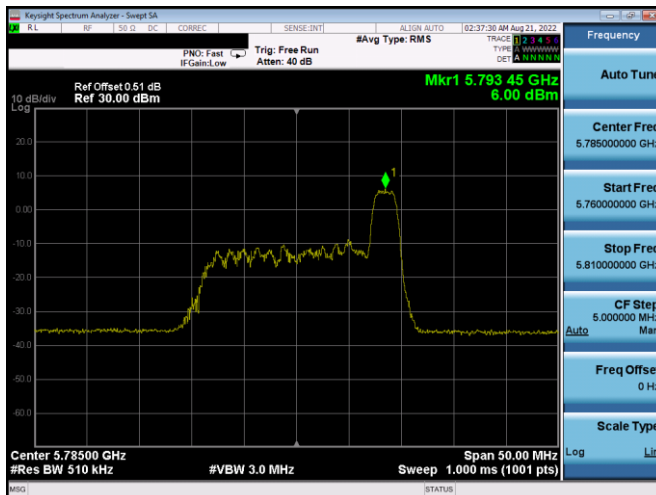
Plot 7-231. PSD Antenna WF5B (20MHz BW 11ax- RU242 - Ch.157)



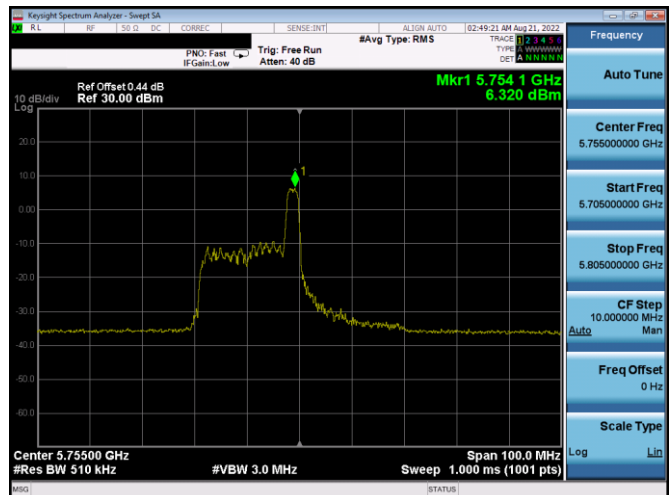
Plot 7-229. PSD Antenna WF5B (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-232. PSD Antenna WF5B (40MHz BW 11ax Index 0 - RU26 - Ch.151)

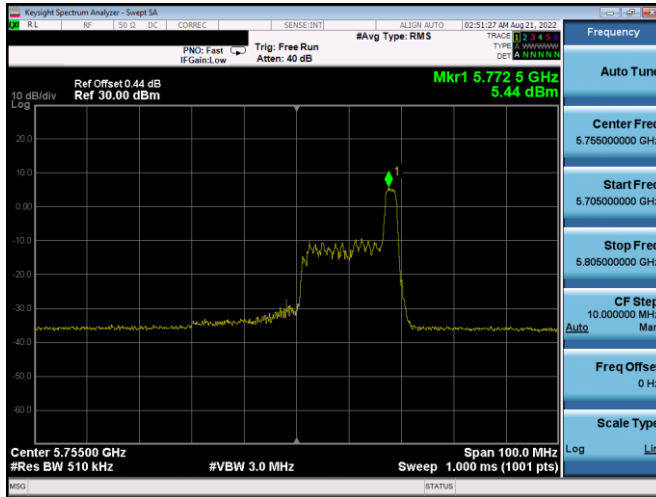


Plot 7-230. PSD Antenna WF5B (20MHz BW 11ax Index 8- RU26 - Ch.157)

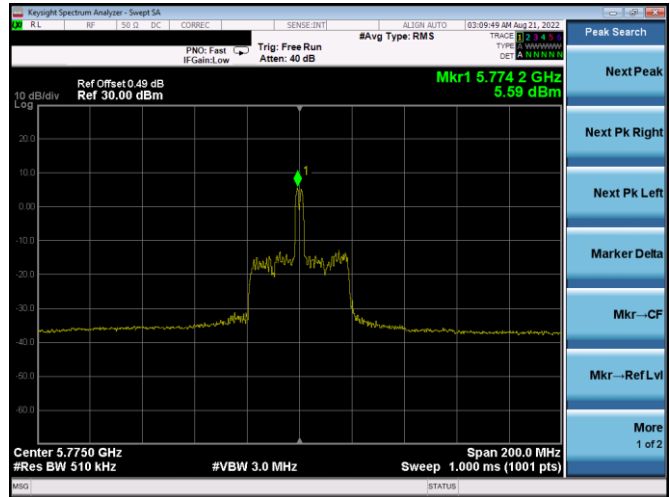


Plot 7-233. PSD Antenna WF5B (40MHz BW 11ax Index 8 - RU26 - Ch.151)

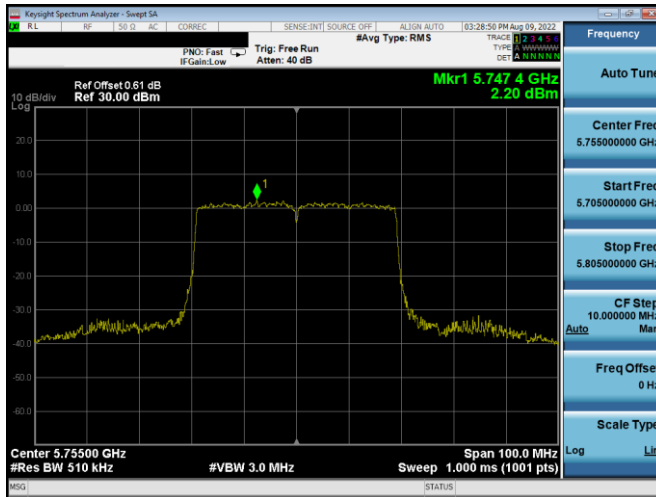
|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 115 of 289                   |



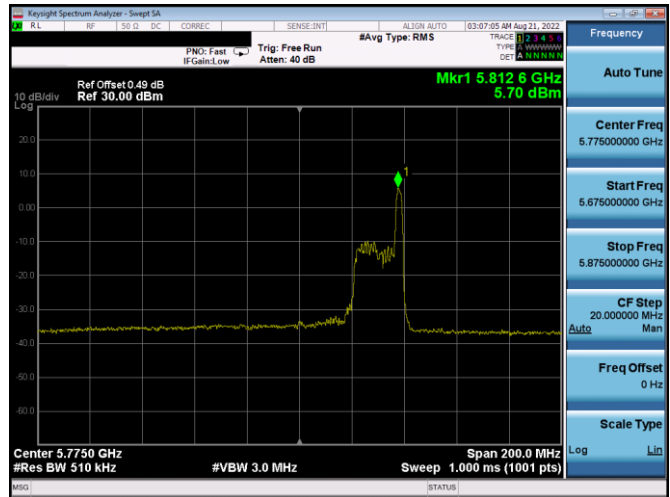
Plot 7-234. PSD Antenna WF5B (40MHz BW 11ax Index 17 – RU26 – Ch.151)



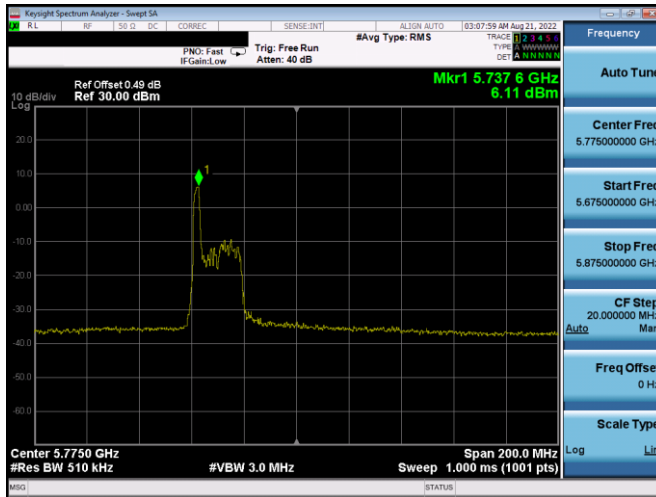
Plot 7-237. PSD Antenna WF5B (80MHz BW 11ax Index 18 – RU26 – Ch.155)



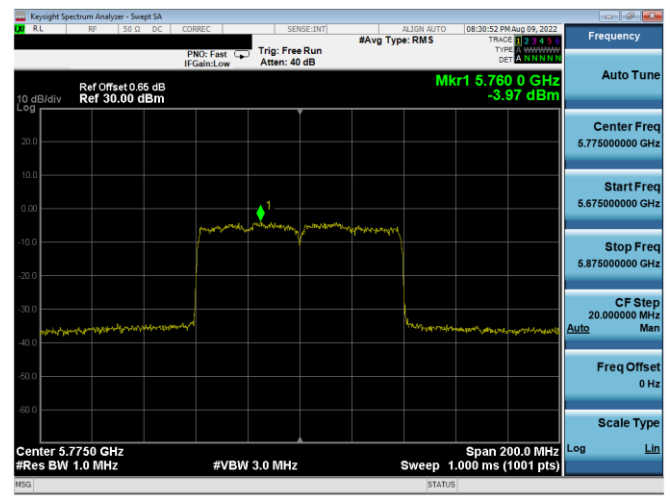
Plot 7-235. PSD Antenna WF5B (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-238. PSD Antenna WF5B (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-236. PSD Antenna WF5B (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-239. PSD Antenna WF5B (80MHz BW 11ax – RU996 – Ch.155)

|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 116 of 289                   |

|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|----------------------------------|--------------------|----------------------------------|-------------------------------------------|-------------|
| Band 1 | 5180            | 36          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.73                             | 3.60               | 8.33                             | 10.0                                      | -1.67       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 4.39                             | 3.60               | 7.99                             | 10.0                                      | -2.01       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.69                             | 3.60               | 8.29                             | 10.0                                      | -1.71       |
|        | 5200            | 40          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.76                             | 3.60               | 8.36                             | 10.0                                      | -1.64       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 4.45                             | 3.60               | 8.05                             | 10.0                                      | -1.95       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 4.80                             | 3.60               | 8.40                             | 10.0                                      | -1.60       |
|        | 5240            | 48          | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 5.06                             | 3.60               | 8.66                             | 10.0                                      | -1.34       |
|        |                 |             |             | 26      | 4        | 12.5/14.7 (MCS11) | 4.39                             | 3.60               | 7.99                             | 10.0                                      | -2.01       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 5.03                             | 3.60               | 8.63                             | 10.0                                      | -1.37       |
|        | 5190            | 38          | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.46                             | 3.60               | 8.06                             | 10.0                                      | -1.94       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 5.10                             | 3.60               | 8.70                             | 10.0                                      | -1.31       |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 5.07                             | 3.60               | 8.67                             | 10.0                                      | -1.33       |
|        | 5230            | 46          | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.58                             | 3.60               | 8.18                             | 10.0                                      | -1.82       |
|        |                 |             |             | 26      | 8        | 12.5/14.7 (MCS11) | 5.72                             | 3.60               | 9.32                             | 10.0                                      | -0.68       |
|        |                 |             |             | 26      | 17       | 12.5/14.7 (MCS11) | 4.96                             | 3.60               | 8.56                             | 10.0                                      | -1.44       |
|        | 5210            | 42          | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | 4.30                             | 3.60               | 7.90                             | 10.0                                      | -2.10       |
|        |                 |             |             | 26      | 18       | 12.5/14.7 (MCS11) | 4.59                             | 3.60               | 8.19                             | 10.0                                      | -1.81       |
|        |                 |             |             | 26      | 36       | 12.5/14.7 (MCS11) | 5.05                             | 3.60               | 8.65                             | 10.0                                      | -1.35       |
|        | 5250            | 50(L)       | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | 0.71                             | 3.60               | 4.31                             | 10.0                                      | -5.69       |
|        |                 |             |             | 26      | 36       | 12.5/14.7 (MCS11) | 0.46                             | 3.60               | 4.06                             | 10.0                                      | -5.94       |

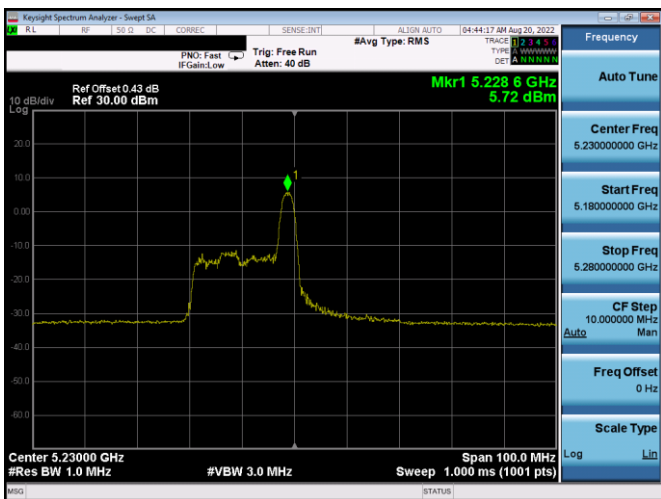
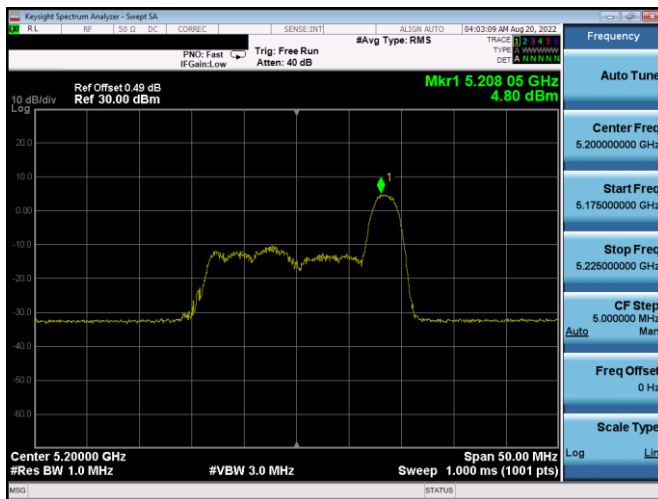
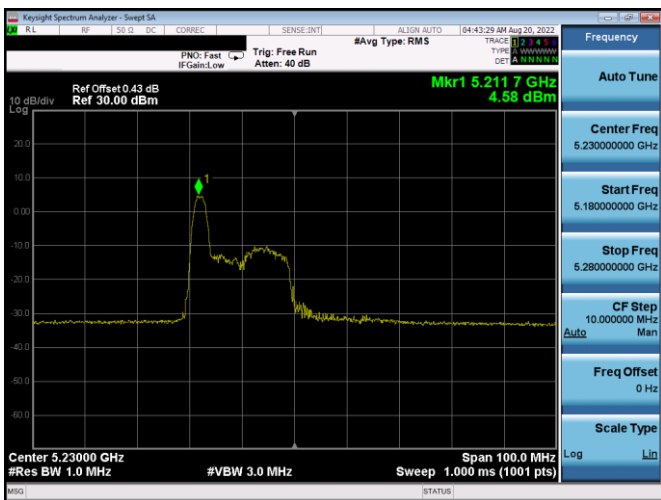
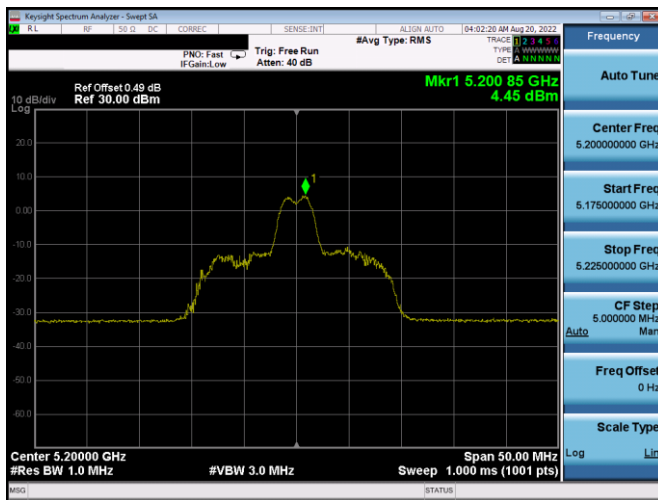
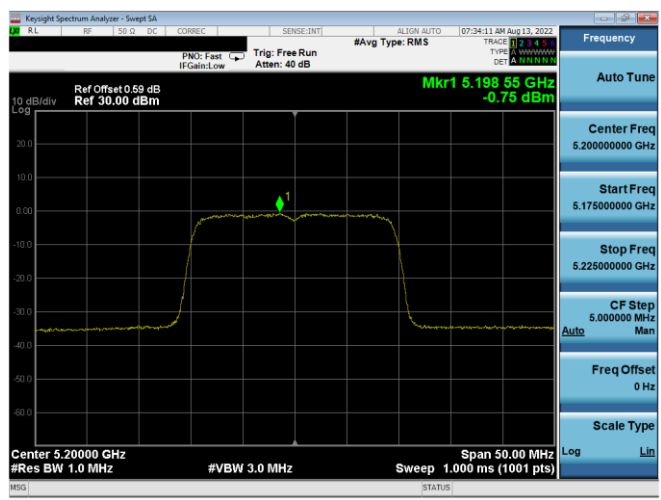
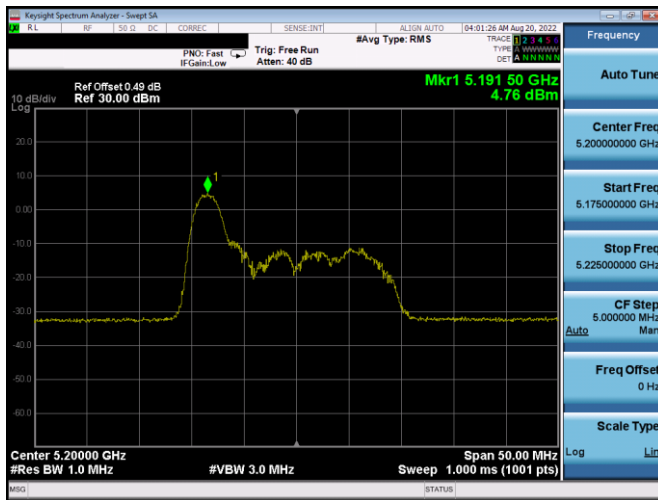
Table 7-114. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5B (RU26)

|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|-------------|-------------|---------|----------|---------------------|----------------------------------|--------------------|----------------------------------|-------------------------------------------|-------------|
| Band 1 | 5180            | 36          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -0.78                            | 3.60               | 2.82                             | 10.0                                      | -7.18       |
|        | 5200            | 40          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -0.75                            | 3.60               | 2.85                             | 10.0                                      | -7.15       |
|        | 5240            | 48          | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -0.56                            | 3.60               | 3.04                             | 10.0                                      | -6.96       |
|        | 5190            | 38          | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -6.38                            | 3.60               | -2.78                            | 10.0                                      | -12.78      |
|        | 5230            | 46          | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -0.83                            | 3.60               | 2.77                             | 10.0                                      | -7.23       |
|        | 5210            | 42          | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -8.13                            | 3.60               | -4.53                            | 10.0                                      | -14.53      |
|        | 5250            | 50(L)       | ax (160MHz) | 996x2   | 68       | 510.4/600.5 (MCS11) | -13.08                           | 3.60               | -9.48                            | 10.0                                      | -19.48      |

Table 7-115. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5B (Fully-loaded RU)

|                                         |                                                                                                                                   |                            |                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                                                               | EUT Type:<br>Tablet Device | Page 117 of 289                   |

V 10.5 12/15/2021



|                                         |                                                                                     |                                       |                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2759<br>IC: 579C-A2759      |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090024-10.BCG | Test Dates:<br>05/30/2022-9/22/2022                                                 | EUT Type:<br>Tablet Device            | Page 118 of 289                   |