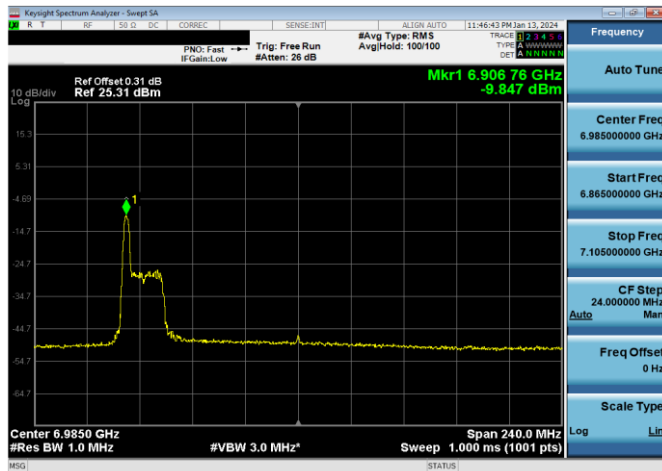
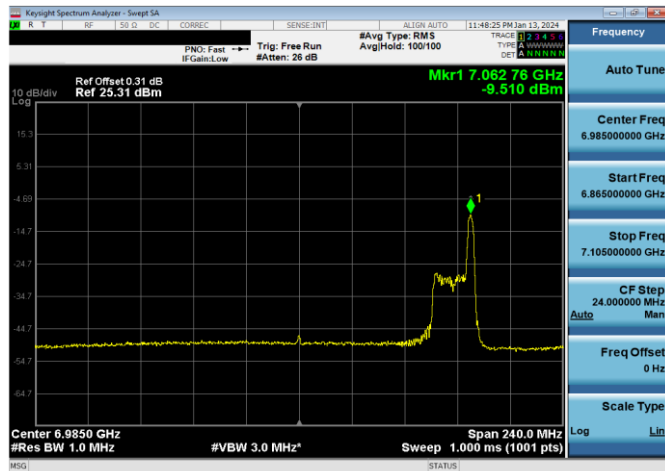
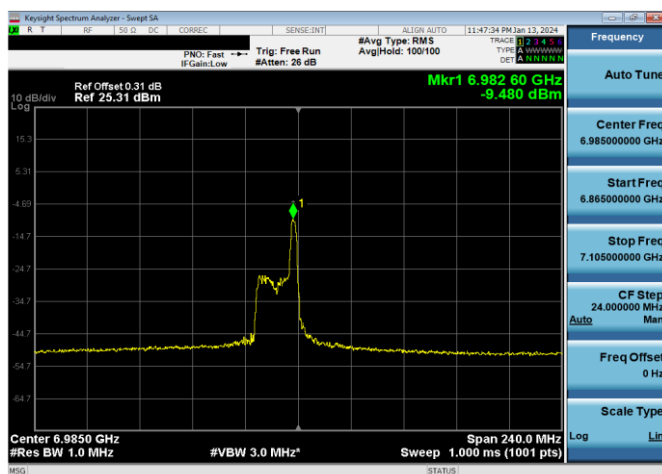




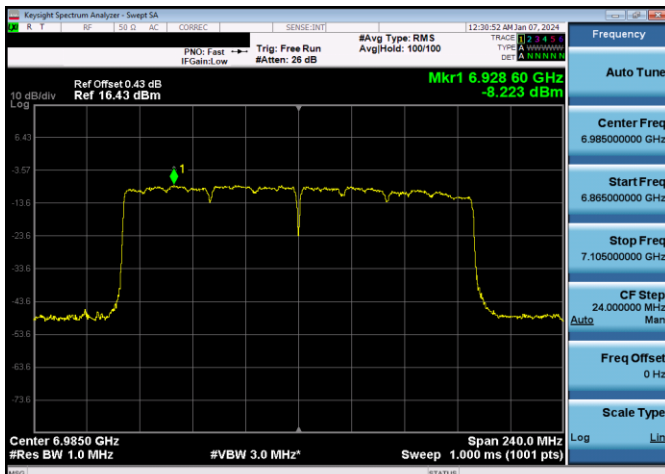
Plot 7-541. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-543. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-542. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-544. LPI Power Spectral Density Plot Antenna 3b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA2899<br><b>IC:</b> 579C-A2899  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-27-R4.BCG | <b>Test Dates:</b><br>11/29/2023 - 04/05/2024                                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 193 of 607                          |

## 7.4.8 Antenna 1b LPI Power Spectral Density Measurements

|        | Frequency [MHz] | Channel | 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] | Max EIRP Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------------|----------------------------------|-------------|
| Band 5 | 5955            | 1       | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -6.70                            | 0.10               | -6.60                           | -1                               | -5.60       |
|        | 5955            | 1       | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -7.82                            | 0.10               | -7.72                           | -1                               | -6.72       |
|        | 5955            | 1       | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.46                            | 0.10               | -7.36                           | -1                               | -6.36       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -6.81                            | 0.10               | -6.71                           | -1                               | -5.71       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -8.39                            | 0.10               | -8.29                           | -1                               | -7.29       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.82                            | 0.10               | -7.72                           | -1                               | -6.72       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.31                            | 0.10               | -8.21                           | -1                               | -7.21       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.36                            | 0.10               | -9.26                           | -1                               | -8.26       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.96                            | 0.10               | -8.86                           | -1                               | -7.86       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.66                            | 0.10               | -8.56                           | -1                               | -7.56       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.35                            | 0.10               | -7.25                           | -1                               | -6.25       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.58                            | 0.10               | -8.48                           | -1                               | -7.48       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -6.80                            | 0.10               | -6.70                           | -1                               | -5.70       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.54                            | 0.10               | -7.44                           | -1                               | -6.44       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -6.56                            | 0.10               | -6.46                           | -1                               | -5.46       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.74                            | 0.10               | -7.64                           | -1                               | -6.64       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.50                            | 0.10               | -7.40                           | -1                               | -6.40       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -7.74                            | 0.10               | -7.64                           | -1                               | -6.64       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.48                            | 0.10               | -7.38                           | -1                               | -6.38       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -7.88                            | 0.10               | -7.78                           | -1                               | -6.78       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -7.42                            | 0.10               | -7.32                           | -1                               | -6.32       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.70                            | 0.10               | -7.60                           | -1                               | -6.60       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -8.38                            | 0.10               | -8.28                           | -1                               | -7.28       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -6.99                            | 0.10               | -6.89                           | -1                               | -5.89       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.58                            | 0.10               | -7.48                           | -1                               | -6.48       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -8.50                            | 0.10               | -8.40                           | -1                               | -7.40       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -7.95                            | 0.10               | -7.85                           | -1                               | -6.85       |
|        | 6025            | 15      | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -8.20                            | 0.10               | -8.10                           | -1                               | -7.10       |
|        | 6025            | 15      | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -7.40                            | 0.10               | -7.30                           | -1                               | -6.30       |
|        | 6025            | 15      | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -8.09                            | 0.10               | -7.99                           | -1                               | -6.99       |
|        | 6185            | 47      | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -8.39                            | 0.10               | -8.29                           | -1                               | -7.29       |
|        | 6185            | 47      | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -7.06                            | 0.10               | -6.96                           | -1                               | -5.96       |
|        | 6185            | 47      | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -8.49                            | 0.10               | -8.39                           | -1                               | -7.39       |
|        | 6345            | 79      | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -8.24                            | 0.10               | -8.14                           | -1                               | -7.14       |
|        | 6345            | 79      | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -7.22                            | 0.10               | -7.12                           | -1                               | -6.12       |
|        | 6345            | 79      | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -8.01                            | 0.10               | -7.91                           | -1                               | -6.91       |
| Band 6 | 6345            | 97      | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.10                            | 0.10               | -8.00                           | -1                               | -7.00       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.61                            | 0.10               | -9.51                           | -1                               | -8.51       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.53                            | 0.10               | -8.43                           | -1                               | -7.43       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.92                            | 0.10               | -7.82                           | -1                               | -6.82       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.09                            | 0.10               | -8.99                           | -1                               | -7.99       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.97                            | 0.10               | -7.87                           | -1                               | -6.87       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.07                            | 0.10               | -7.97                           | -1                               | -6.97       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -8.77                            | 0.10               | -8.67                           | -1                               | -7.67       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.67                            | 0.10               | -7.57                           | -1                               | -6.57       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.08                            | 0.10               | -7.98                           | -1                               | -6.98       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.70                            | 0.10               | -7.60                           | -1                               | -6.60       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.24                            | 0.10               | -8.14                           | -1                               | -7.14       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -7.83                            | 0.10               | -7.73                           | -1                               | -6.73       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -7.71                            | 0.10               | -7.61                           | -1                               | -6.61       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -8.17                            | 0.10               | -8.07                           | -1                               | -7.07       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.31                            | 0.10               | -9.21                           | -1                               | -8.21       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.33                            | 0.10               | -9.23                           | -1                               | -8.23       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.27                            | 0.10               | -9.17                           | -1                               | -8.17       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.16                            | 0.10               | -8.06                           | -1                               | -7.06       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -9.26                            | 0.10               | -9.16                           | -1                               | -8.16       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -7.94                            | 0.10               | -7.84                           | -1                               | -6.84       |
|        | 6505            | 111     | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.06                            | 0.10               | -8.96                           | -1                               | -7.96       |
|        | 6505            | 111     | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -8.88                            | 0.10               | -8.78                           | -1                               | -7.78       |
|        | 6505            | 111     | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -10.69                           | 0.10               | -10.59                          | -1                               | -9.59       |

Table 7-147. Bands 5, 6 LPI Power Spectral Density Measurements Antenna 1b (RU26)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                              | EUT Type:<br>Tablet Device            | Page 194 of 607                   |

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|        | Frequency [MHz] | Channel | 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] | Max EIRP Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|-------------------|----------------------------------|--------------------|---------------------------------|----------------------------------|-------------|
| Band 7 | 6535            | 117     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.52                            | -0.90              | -9.42                           | -1                               | -8.42       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.43                            | -0.90              | -10.33                          | -1                               | -9.33       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.77                            | -0.90              | -9.67                           | -1                               | -8.67       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.51                            | -0.90              | -9.41                           | -1                               | -8.41       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.27                            | -0.90              | -10.17                          | -1                               | -9.17       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.54                            | -0.90              | -9.44                           | -1                               | -8.44       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.18                            | -0.90              | -10.08                          | -1                               | -9.08       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.83                            | -0.90              | -10.73                          | -1                               | -9.73       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.32                            | -0.90              | -10.22                          | -1                               | -9.22       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.76                            | -0.90              | -9.66                           | -1                               | -8.66       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.93                            | -0.90              | -9.83                           | -1                               | -8.83       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.07                            | -0.90              | -9.97                           | -1                               | -8.97       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.64                            | -0.90              | -9.54                           | -1                               | -8.54       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.65                            | -0.90              | -9.55                           | -1                               | -8.55       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.14                            | -0.90              | -10.04                          | -1                               | -9.04       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.92                            | -0.90              | -9.82                           | -1                               | -8.82       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -8.73                            | -0.90              | -9.63                           | -1                               | -8.63       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.75                            | -0.90              | -10.65                          | -1                               | -9.65       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.60                            | -0.90              | -9.50                           | -1                               | -8.50       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -9.86                            | -0.90              | -10.76                          | -1                               | -9.76       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -8.80                            | -0.90              | -9.70                           | -1                               | -8.70       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -8.99                            | -0.90              | -9.89                           | -1                               | -8.89       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -9.92                            | -0.90              | -10.82                          | -1                               | -9.82       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -9.46                            | -0.90              | -10.36                          | -1                               | -9.36       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.62                            | -0.90              | -10.52                          | -1                               | -9.52       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.32                           | -0.90              | -11.22                          | -1                               | -10.22      |
|        | 6865            | 183     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -9.22                            | -0.90              | -10.12                          | -1                               | -9.12       |
|        | 6665            | 143     | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -8.93                            | -0.90              | -9.83                           | -1                               | -8.83       |
|        | 6665            | 143     | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -9.22                            | -0.90              | -10.12                          | -1                               | -9.12       |
|        | 6665            | 143     | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -10.20                           | -0.90              | -11.10                          | -1                               | -10.10      |
|        | 6825            | 175     | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.63                            | -0.90              | -10.53                          | -1                               | -9.53       |
|        | 6825            | 175     | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -9.96                            | -0.90              | -10.86                          | -1                               | -9.86       |
|        | 6825            | 175     | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -10.20                           | -0.90              | -11.10                          | -1                               | -10.10      |
| Band 8 | 6895            | 189     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.34                            | -0.70              | -10.04                          | -1                               | -9.04       |
|        | 6895            | 189     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.94                            | -0.70              | -10.64                          | -1                               | -9.64       |
|        | 6895            | 189     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -10.33                           | -0.70              | -11.03                          | -1                               | -10.03      |
|        | 6995            | 209     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.94                            | -0.70              | -10.64                          | -1                               | -9.64       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -9.69                            | -0.70              | -10.39                          | -1                               | -9.39       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.61                            | -0.70              | -10.31                          | -1                               | -9.31       |
|        | 7115            | 233     | ax (20MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.66                            | -0.70              | -10.36                          | -1                               | -9.36       |
|        | 7115            | 233     | ax (20MHz)  | 26      | 4        | 12.5/14.7 (MCS11) | -10.48                           | -0.70              | -11.18                          | -1                               | -10.18      |
|        | 7115            | 233     | ax (20MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -10.28                           | -0.70              | -10.98                          | -1                               | -9.98       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.80                            | -0.70              | -10.50                          | -1                               | -9.50       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.63                            | -0.70              | -10.33                          | -1                               | -9.33       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -10.04                           | -0.70              | -10.74                          | -1                               | -9.74       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.99                            | -0.70              | -10.69                          | -1                               | -9.69       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.43                            | -0.70              | -10.13                          | -1                               | -9.13       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -10.14                           | -0.70              | -10.84                          | -1                               | -9.84       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.50                            | -0.70              | -10.20                          | -1                               | -9.20       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 8        | 12.5/14.7 (MCS11) | -9.84                            | -0.70              | -10.54                          | -1                               | -9.54       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 17       | 12.5/14.7 (MCS11) | -9.55                            | -0.70              | -10.25                          | -1                               | -9.25       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.79                            | -0.70              | -10.49                          | -1                               | -9.49       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -10.59                           | -0.70              | -11.29                          | -1                               | -10.29      |
|        | 6945            | 199     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -10.39                           | -0.70              | -11.09                          | -1                               | -10.09      |
|        | 7025            | 215     | ax (80MHz)  | 26      | 0        | 12.5/14.7 (MCS11) | -9.77                            | -0.70              | -10.47                          | -1                               | -9.47       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 18       | 12.5/14.7 (MCS11) | -11.17                           | -0.70              | -11.87                          | -1                               | -10.87      |
|        | 7025            | 215     | ax (80MHz)  | 26      | 36       | 12.5/14.7 (MCS11) | -10.00                           | -0.70              | -10.70                          | -1                               | -9.70       |
|        | 6985            | 207     | ax (160MHz) | 26      | 0        | 12.5/14.7 (MCS11) | -9.88                            | -0.70              | -10.58                          | -1                               | -9.58       |
|        | 6985            | 207     | ax (160MHz) | 26      | 18       | 12.5/14.7 (MCS11) | -10.39                           | -0.70              | -11.09                          | -1                               | -10.09      |
|        | 6985            | 207     | ax (160MHz) | 26      | 36       | 12.5/14.7 (MCS11) | -11.46                           | -0.70              | -12.16                          | -1                               | -11.16      |

**Table 7-148. Bands 7, 8 LPI Power Spectral Density Measurements Antenna 1b (RU26)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                            | EUT Type:<br>Tablet Device | Page 195 of 607                   |

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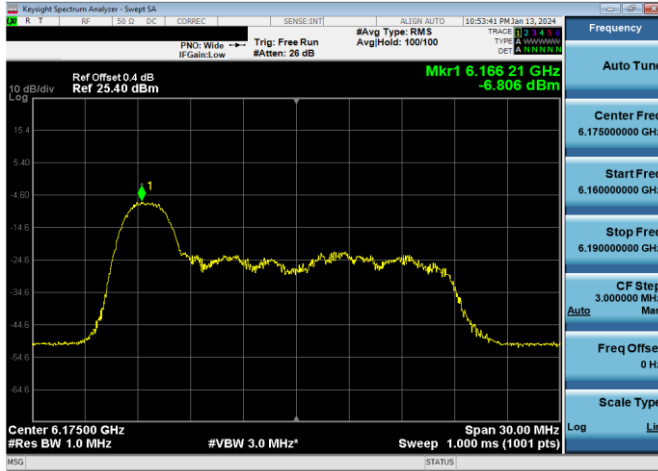
|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Data Rate [Mbps]    | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p Power Density [dBm/MHz] | Max EIRP Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|---------------------|----------------------------------|--------------------|---------------------------------|----------------------------------|-------------|
| Band 5 | 5955            | 1       | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -6.65                            | 0.10               | -6.55                           | -1                               | -5.55       |
|        | 6175            | 45      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -6.07                            | 0.10               | -5.97                           | -1                               | -4.97       |
|        | 6415            | 93      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -6.72                            | 0.10               | -6.62                           | -1                               | -5.62       |
|        | 5965            | 3       | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -6.54                            | 0.10               | -6.44                           | -1                               | -5.44       |
|        | 6165            | 43      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -6.07                            | 0.10               | -5.97                           | -1                               | -4.97       |
|        | 6165            | 91      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -6.65                            | 0.10               | -6.55                           | -1                               | -5.55       |
|        | 5985            | 7       | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -6.30                            | 0.10               | -6.20                           | -1                               | -5.20       |
|        | 6145            | 39      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -6.23                            | 0.10               | -6.13                           | -1                               | -5.13       |
|        | 6385            | 87      | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -6.16                            | 0.10               | -6.06                           | -1                               | -5.06       |
|        | 6025            | 15      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -6.33                            | 0.10               | -6.23                           | -1                               | -5.23       |
| Band 6 | 6185            | 47      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -6.08                            | 0.10               | -5.98                           | -1                               | -4.98       |
|        | 6345            | 79      | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -6.61                            | 0.10               | -6.51                           | -1                               | -5.51       |
|        | 6345            | 97      | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -7.66                            | 0.10               | -7.56                           | -1                               | -6.56       |
|        | 6475            | 105     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -7.83                            | 0.10               | -7.73                           | -1                               | -6.73       |
|        | 6515            | 113     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -7.53                            | 0.10               | -7.43                           | -1                               | -6.43       |
|        | 6445            | 99      | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -7.44                            | 0.10               | -7.34                           | -1                               | -6.34       |
|        | 6485            | 107     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -7.29                            | 0.10               | -7.19                           | -1                               | -6.19       |
|        | 6525            | 115     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -8.87                            | 0.10               | -8.77                           | -1                               | -7.77       |
|        | 6465            | 103     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -7.40                            | 0.10               | -7.30                           | -1                               | -6.30       |
|        | 6505            | 111     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -8.15                            | 0.10               | -8.05                           | -1                               | -7.05       |
| Band 7 | 6535            | 117     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -8.37                            | -0.90              | -9.27                           | -1                               | -8.27       |
|        | 6695            | 149     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -7.93                            | -0.90              | -8.83                           | -1                               | -7.83       |
|        | 6875            | 185     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -8.59                            | -0.90              | -9.49                           | -1                               | -8.49       |
|        | 6565            | 123     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -8.04                            | -0.90              | -8.94                           | -1                               | -7.94       |
|        | 6725            | 155     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -7.85                            | -0.90              | -8.75                           | -1                               | -7.75       |
|        | 6845            | 179     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -8.26                            | -0.90              | -9.16                           | -1                               | -8.16       |
|        | 6545            | 119     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -7.73                            | -0.90              | -8.63                           | -1                               | -7.63       |
|        | 6705            | 151     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -8.01                            | -0.90              | -8.91                           | -1                               | -7.91       |
|        | 6865            | 183     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -8.01                            | -0.90              | -8.91                           | -1                               | -7.91       |
|        | 6665            | 143     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -8.41                            | -0.90              | -9.31                           | -1                               | -8.31       |
| Band 8 | 6825            | 175     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -8.21                            | -0.90              | -9.11                           | -1                               | -8.11       |
|        | 6895            | 189     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -8.49                            | -0.70              | -9.19                           | -1                               | -8.19       |
|        | 6995            | 209     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -8.44                            | -0.70              | -9.14                           | -1                               | -8.14       |
|        | 7115            | 233     | ax (20MHz)  | 242     | 61       | 121.9/143.4 (MCS11) | -8.92                            | -0.70              | -9.62                           | -1                               | -8.62       |
|        | 6885            | 187     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -8.36                            | -0.70              | -9.06                           | -1                               | -8.06       |
|        | 7005            | 211     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -8.15                            | -0.70              | -8.85                           | -1                               | -7.85       |
|        | 7085            | 227     | ax (40MHz)  | 484     | 65       | 243.8/286.8 (MCS11) | -8.55                            | -0.70              | -9.25                           | -1                               | -8.25       |
|        | 6945            | 199     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -8.15                            | -0.70              | -8.85                           | -1                               | -7.85       |
|        | 7025            | 215     | ax (80MHz)  | 996     | 67       | 510.4/600.5 (MCS11) | -8.22                            | -0.70              | -8.92                           | -1                               | -7.92       |
|        | 6985            | 207     | ax (160MHz) | 996x2   | 68       | 1020.8/1201 (MCS11) | -7.96                            | -0.70              | -8.66                           | -1                               | -7.66       |

**Table 7-149. LPI Power Spectral Density Measurements Antenna 1b (Fully loaded RU)**

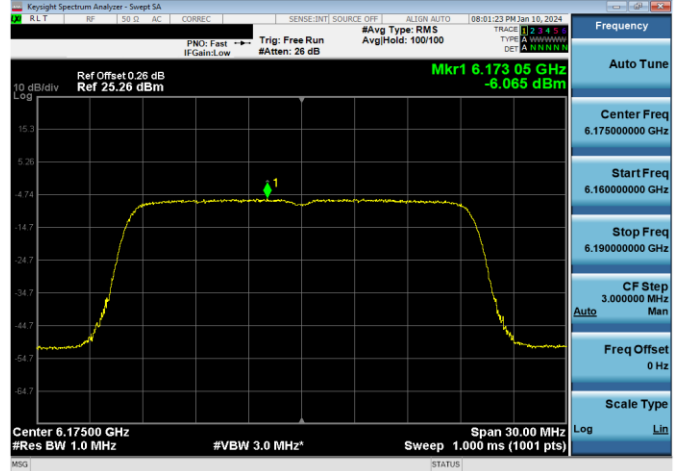
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                            | EUT Type:<br>Tablet Device | Page 196 of 607                   |

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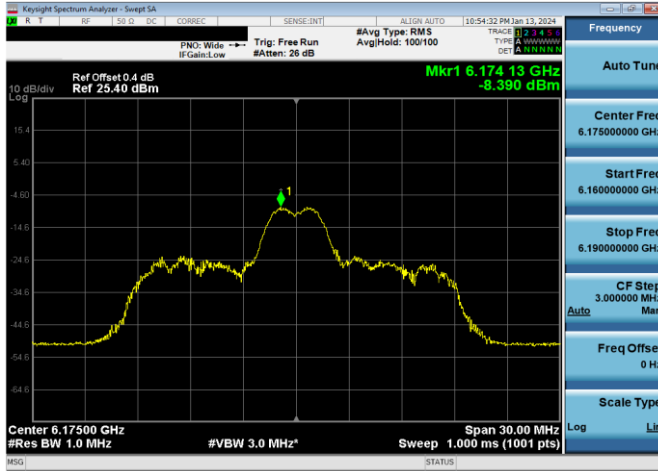
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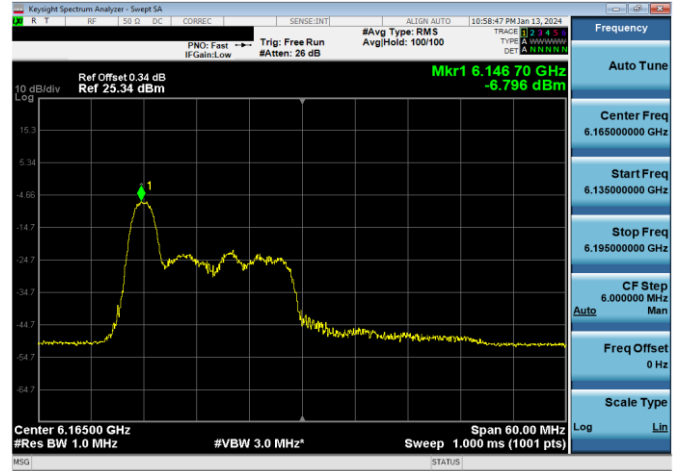
Plot 7-545. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



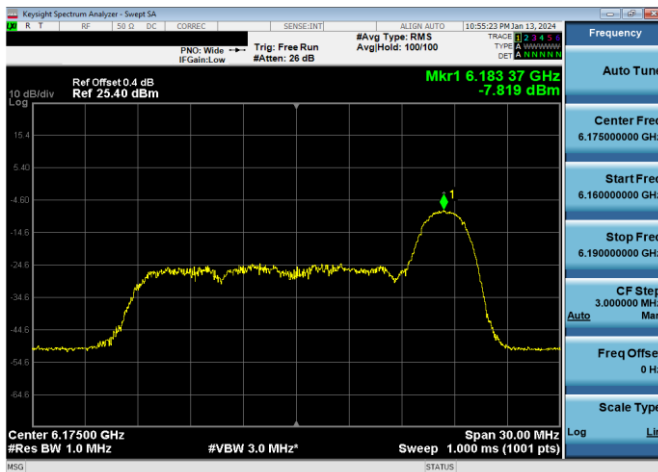
Plot 7-548. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



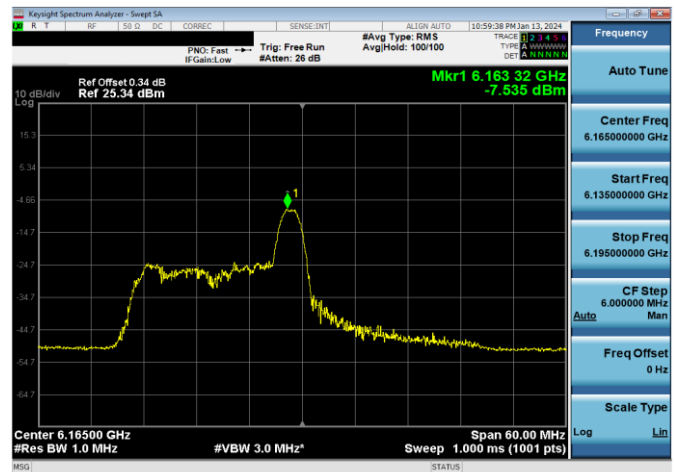
Plot 7-546. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-549. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

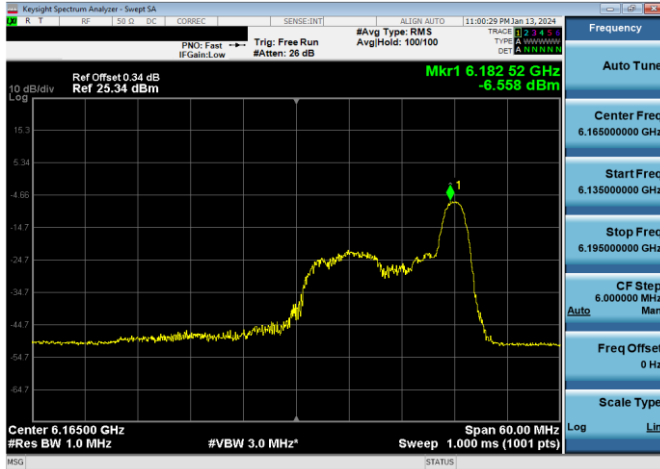


Plot 7-547. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

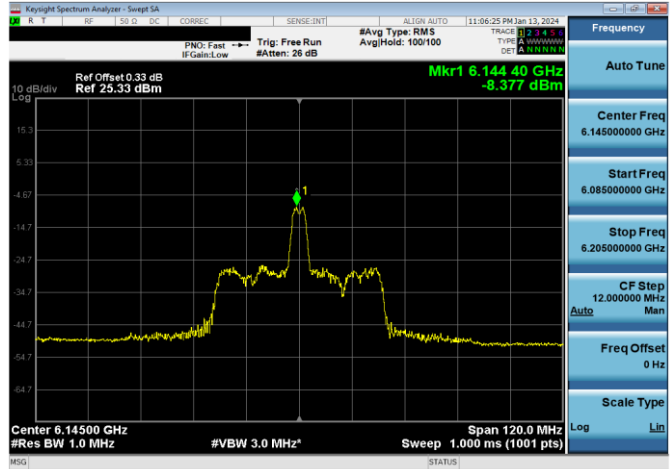


Plot 7-550. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

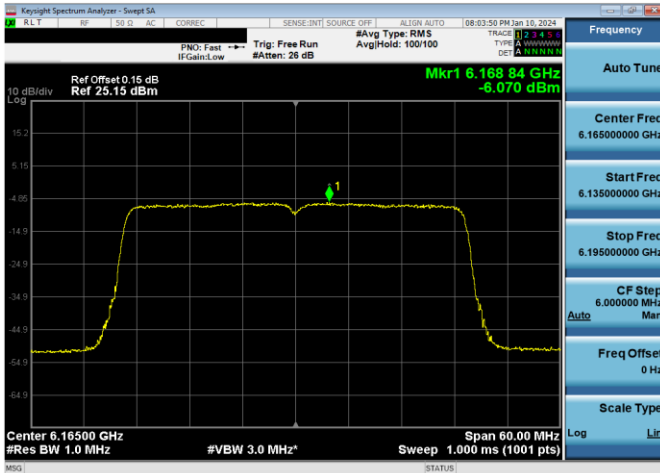
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG |                                                                                     |                                       |                                   |
|                                            | Test Dates:<br>11/29/2023 - 04/05/2024                                              | EUT Type:<br>Tablet Device            | Page 197 of 607                   |



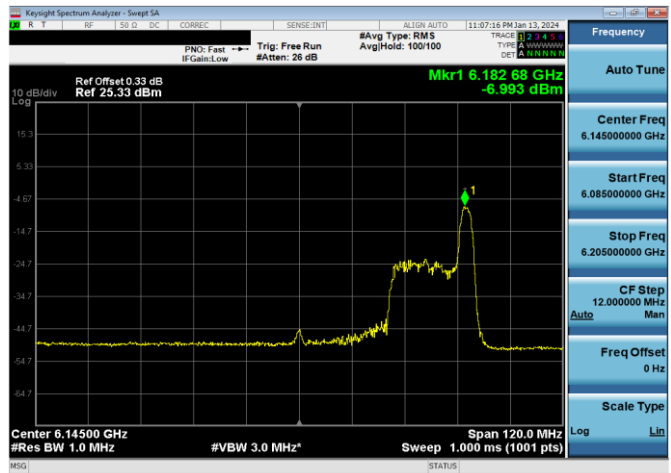
Plot 7-551. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



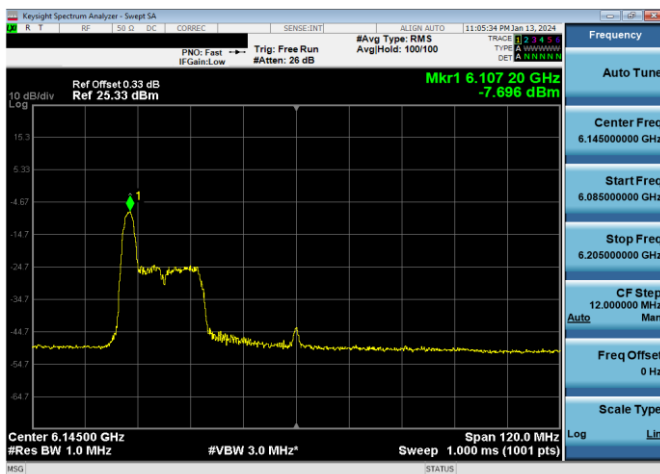
Plot 7-554. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



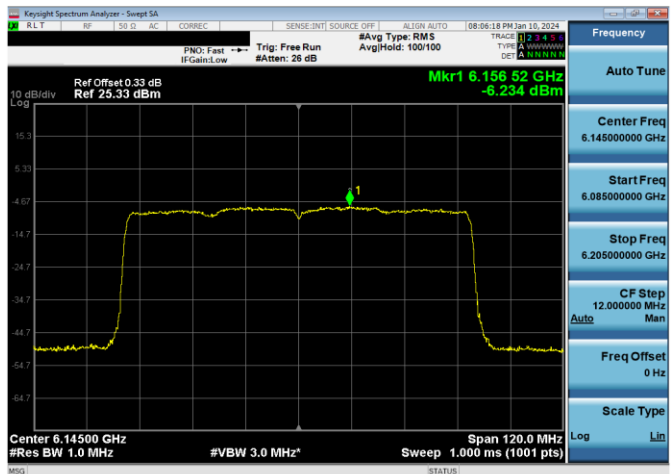
Plot 7-552. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-555. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

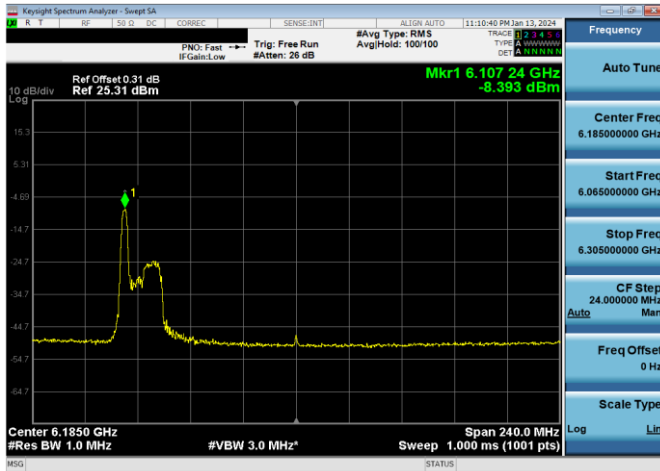


Plot 7-553. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



Plot 7-556. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

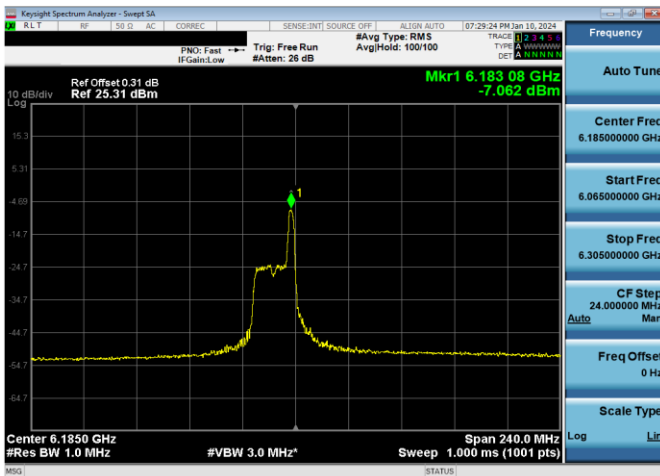
|                                            |                            |                                       |                                   |
|--------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG |                            |                                       | Page 198 of 607                   |
| Test Dates:<br>11/29/2023 - 04/05/2024     | EUT Type:<br>Tablet Device |                                       |                                   |



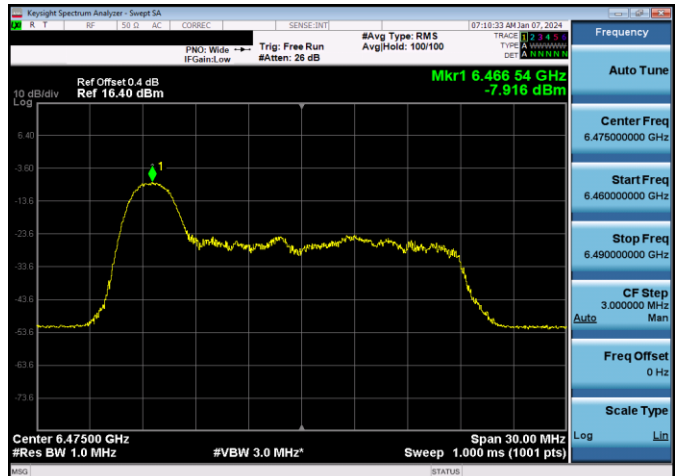
Plot 7-557. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



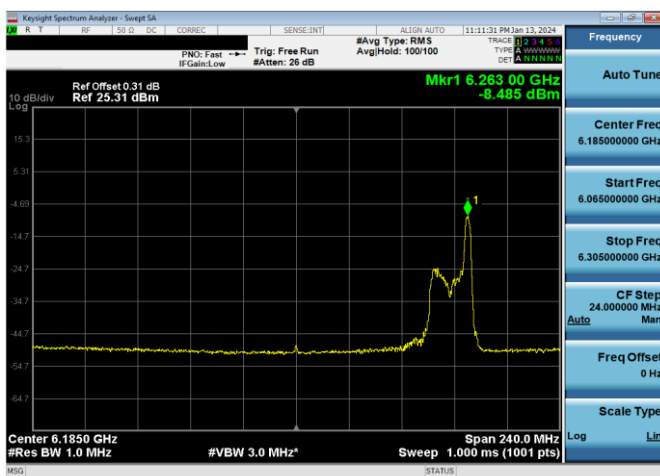
Plot 7-560. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



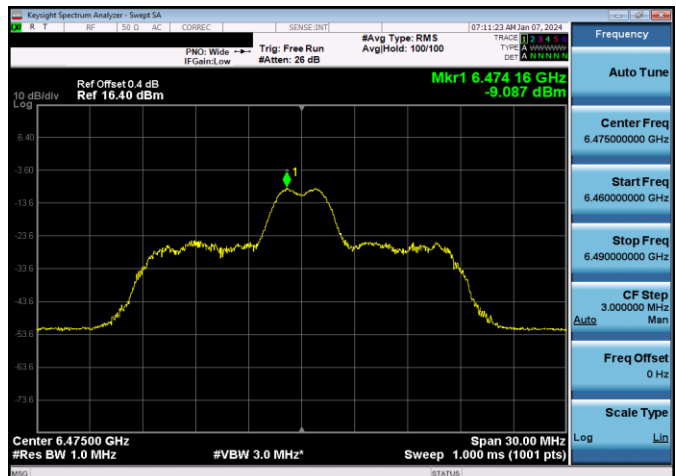
Plot 7-558. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-561. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

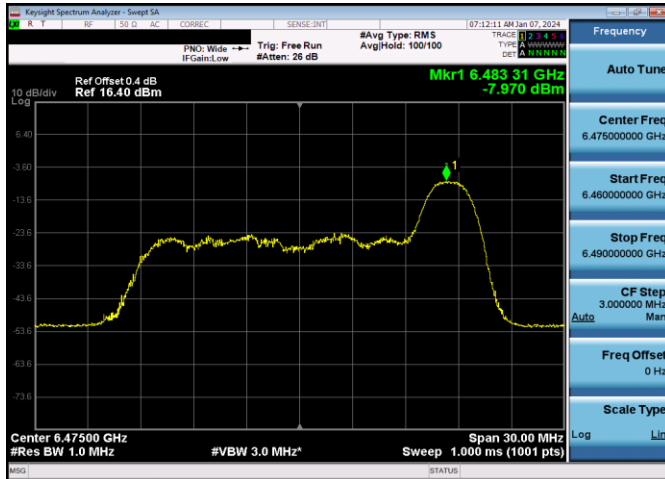


Plot 7-559. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

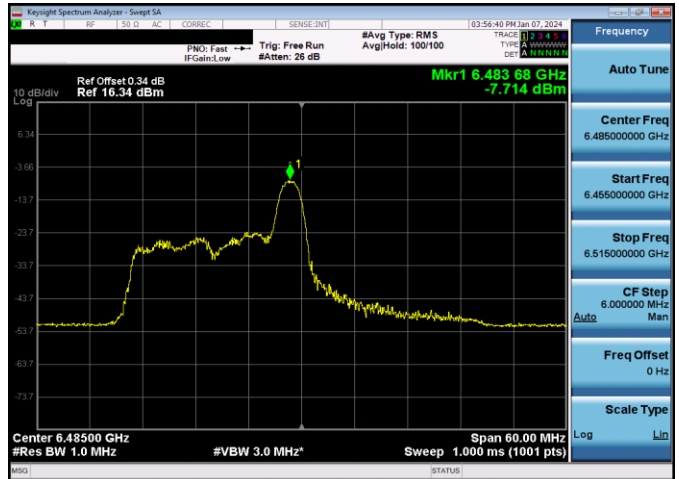


Plot 7-562. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

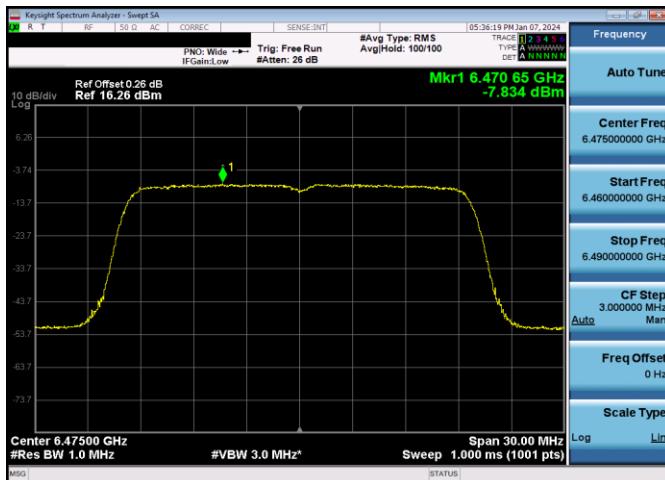
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG |                                                                                     |                                       | Page 199 of 607                   |
| Test Dates:<br>11/29/2023 - 04/05/2024     | EUT Type:<br>Tablet Device                                                          |                                       |                                   |



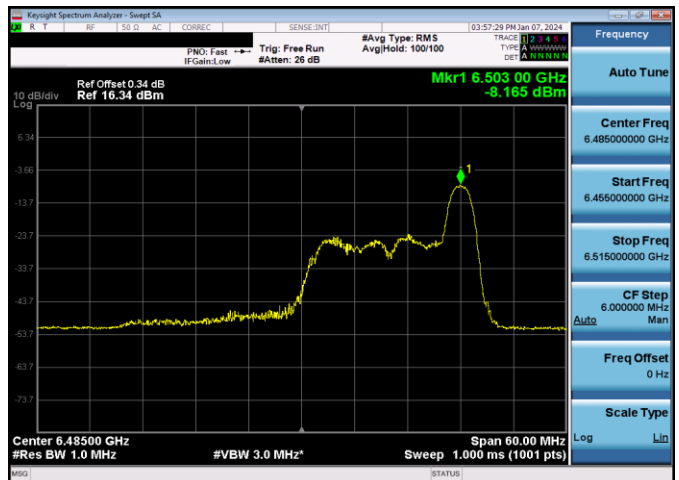
Plot 7-563. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



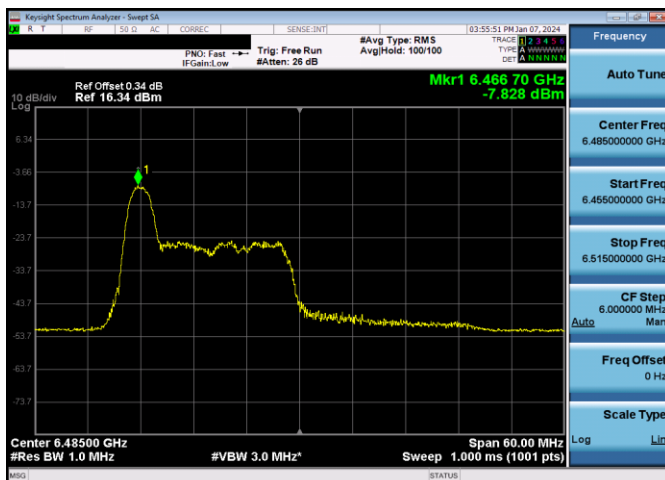
Plot 7-566. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)



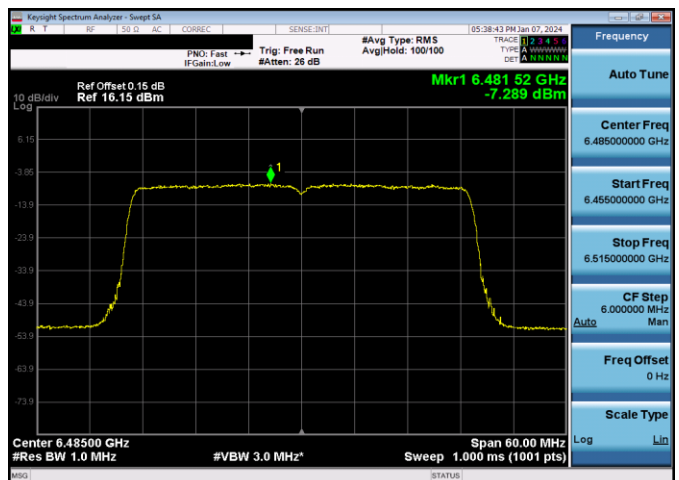
Plot 7-564. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)



Plot 7-567. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

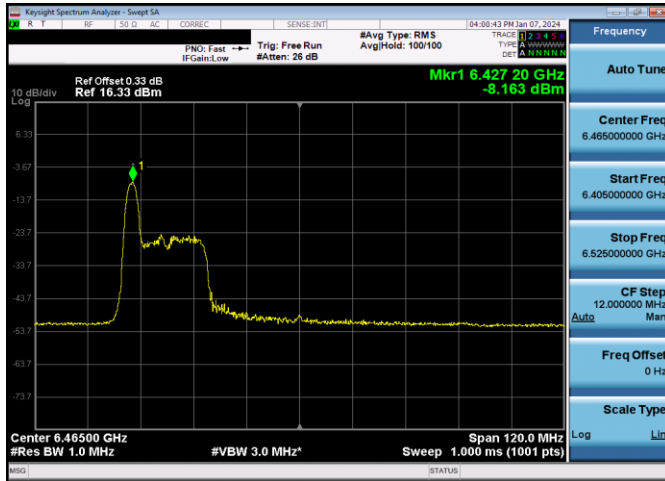


Plot 7-565. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

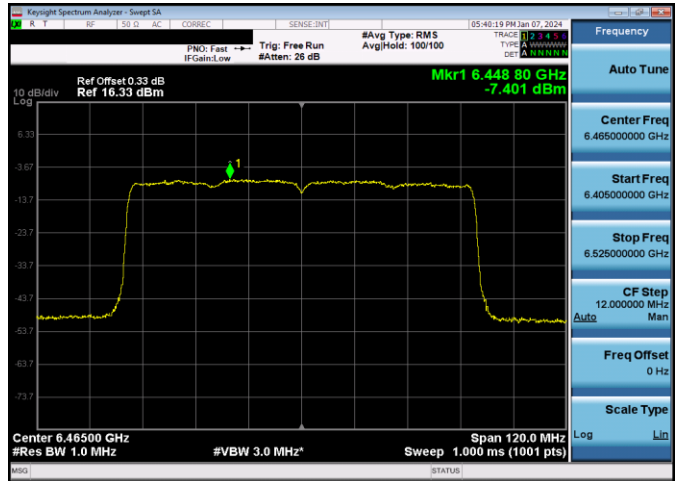


Plot 7-568. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)

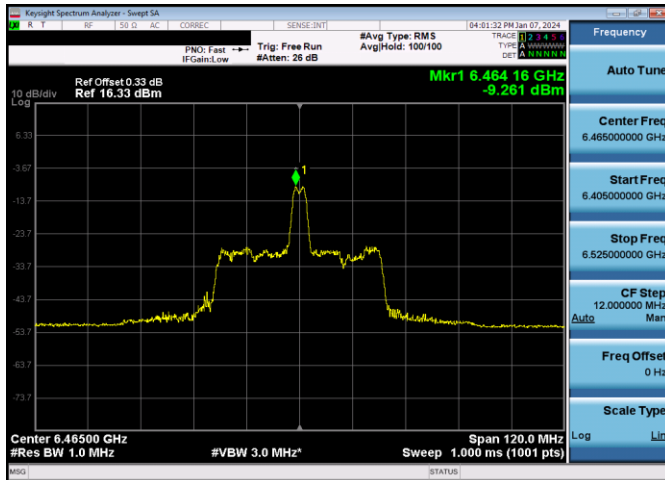
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG |                                                                                     |                                       | Page 200 of 607                   |
| Test Dates:<br>11/29/2023 - 04/05/2024     | EUT Type:<br>Tablet Device                                                          |                                       |                                   |



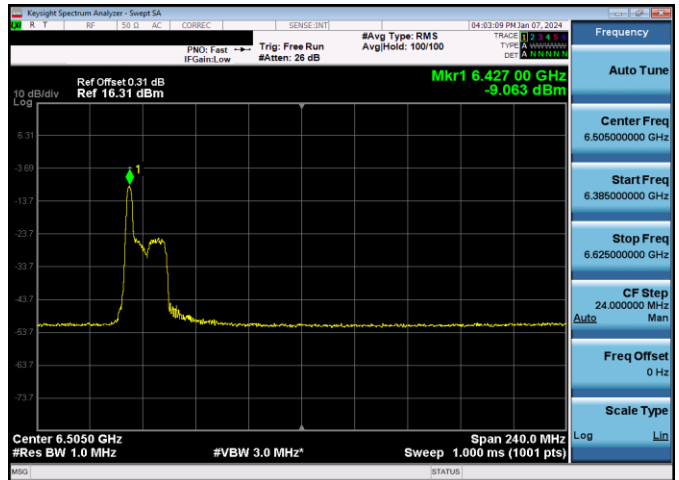
Plot 7-569. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



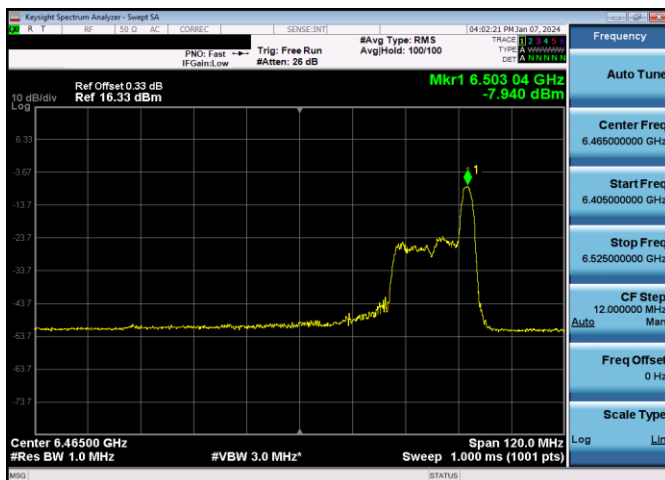
Plot 7-572. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



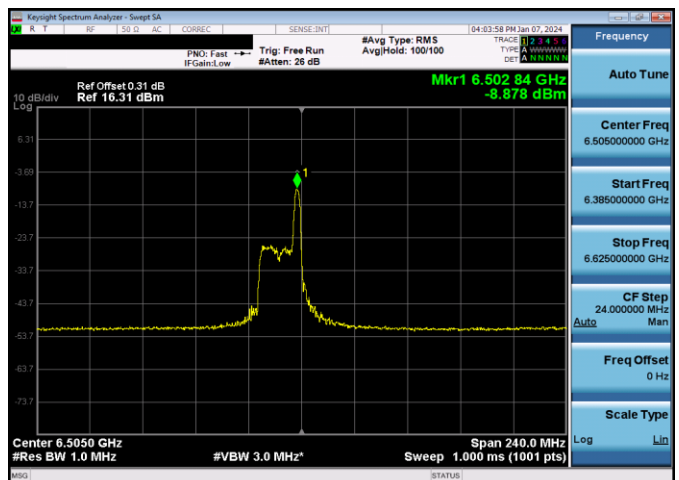
Plot 7-570. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-573. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

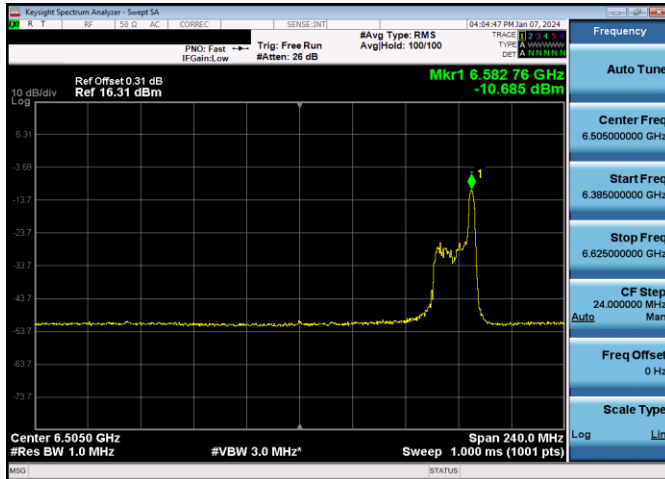


Plot 7-571. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

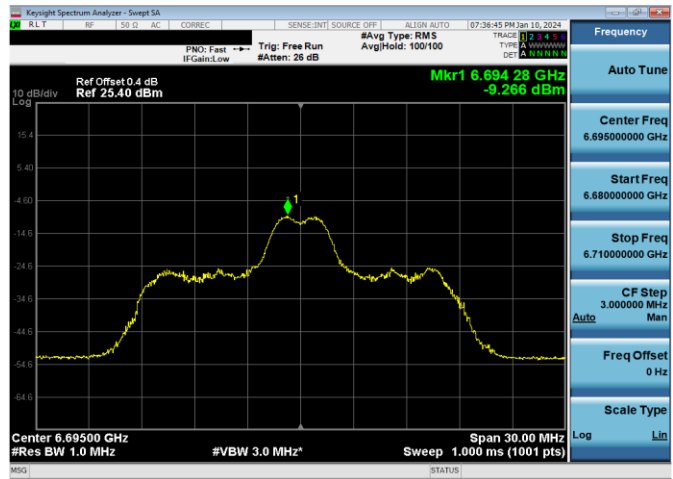


Plot 7-574. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

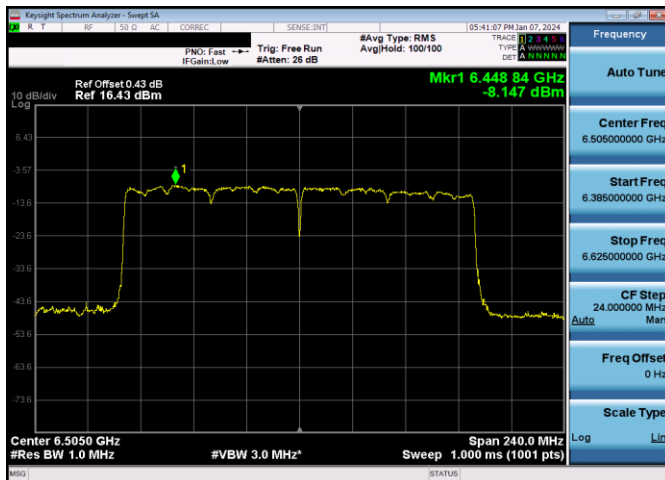
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                              | EUT Type:<br>Tablet Device            | Page 201 of 607                   |



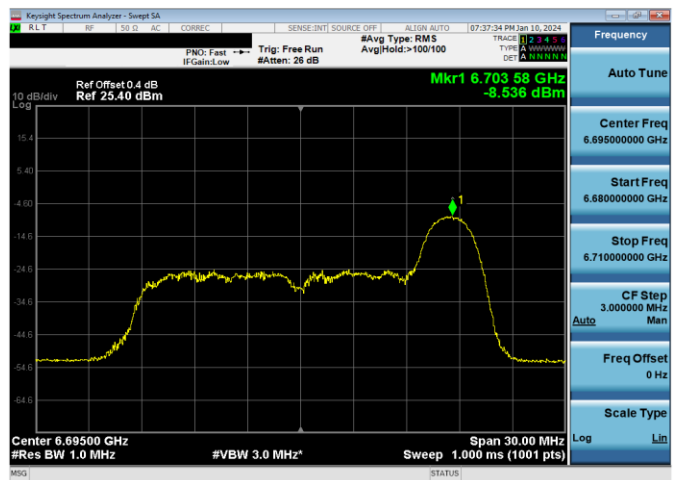
Plot 7-575. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



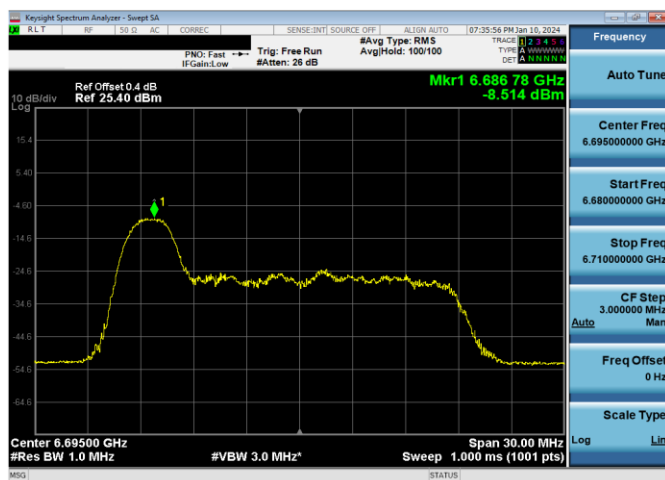
Plot 7-578. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



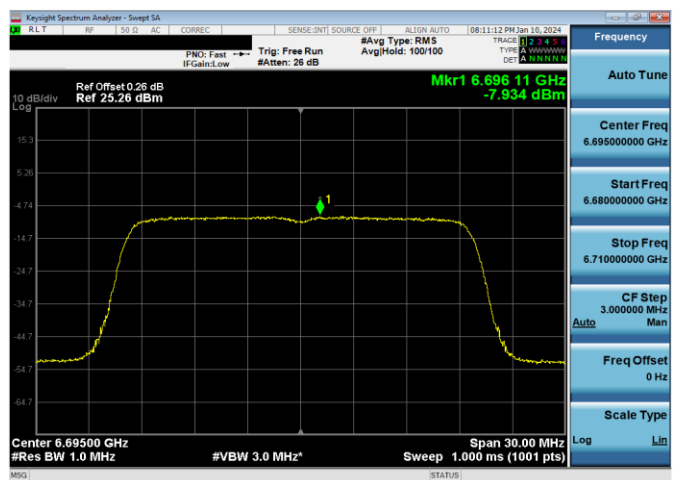
Plot 7-576. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



Plot 7-579. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

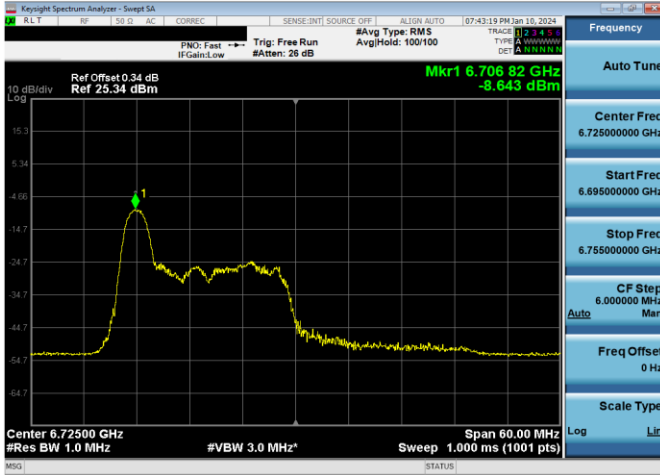


Plot 7-577. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

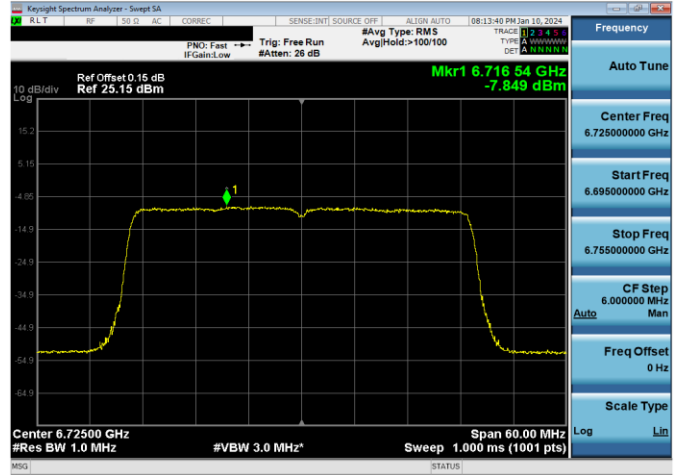


Plot 7-580. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

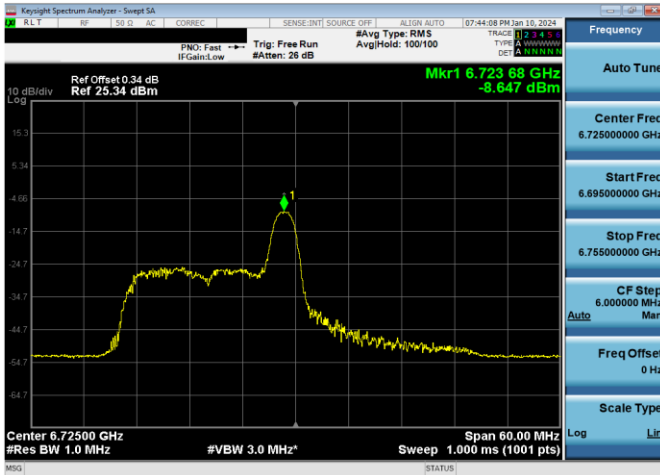
|                                            |                                                                                                                           |                            |                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                    | EUT Type:<br>Tablet Device | Page 202 of 607                   |



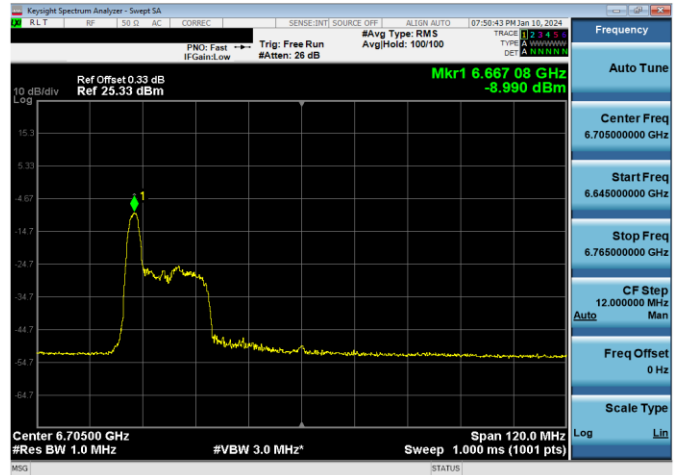
Plot 7-581. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



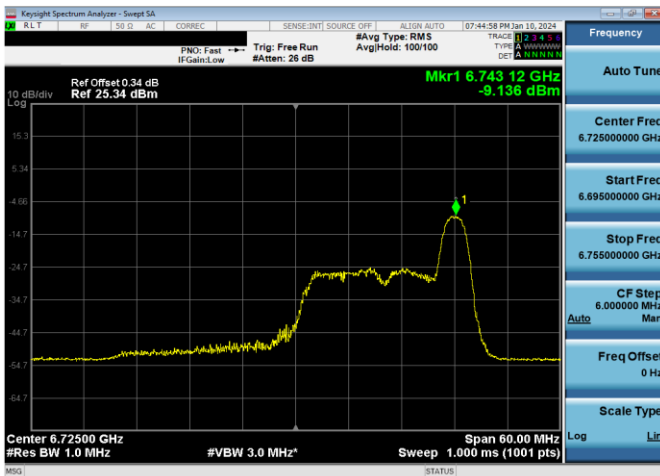
Plot 7-584. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



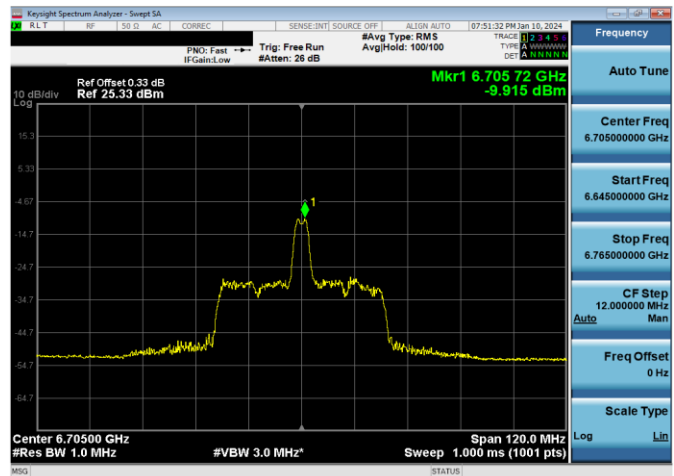
Plot 7-582. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-585. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

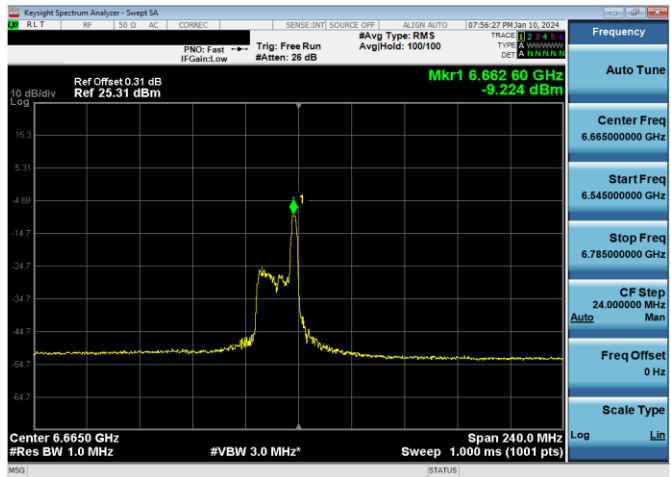


Plot 7-583. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

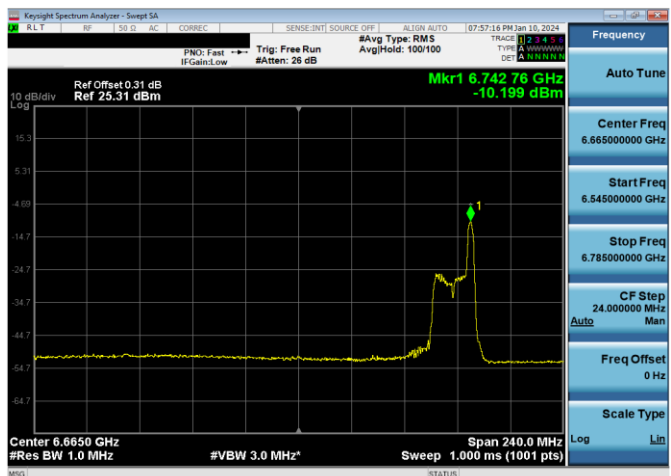


Plot 7-586. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

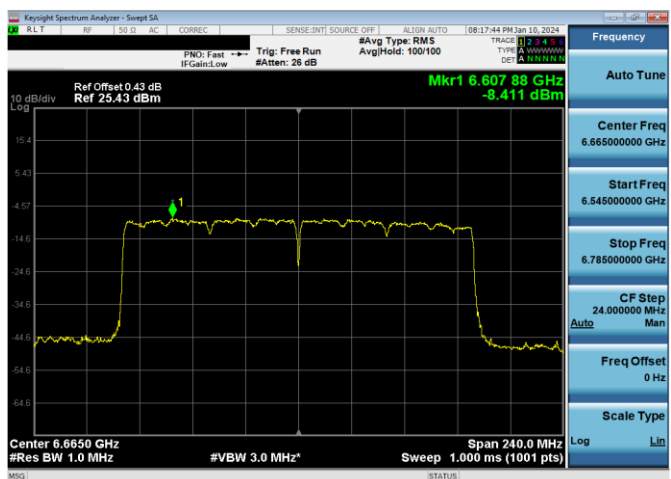
|                                            |                                                                                                                           |                            |                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                    | EUT Type:<br>Tablet Device | Page 203 of 607                   |



Plot 7-587. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

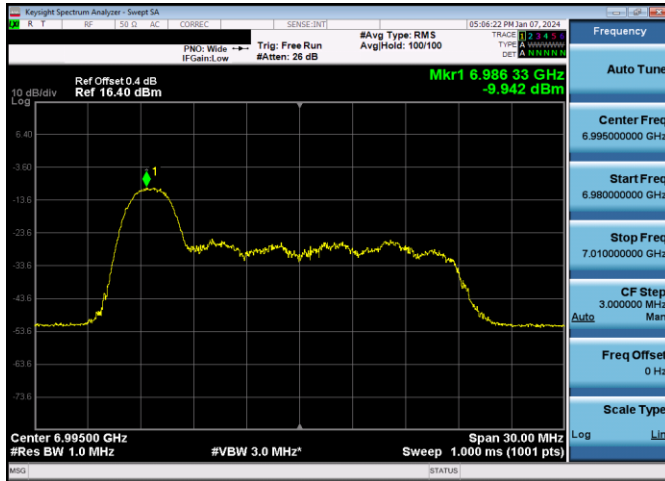


Plot 7-588. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax  
RU996 (UNII Band 7) – Ch. 151)

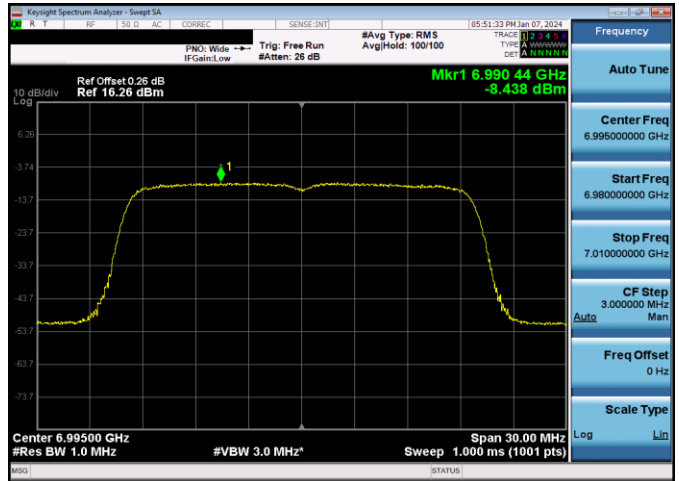


Plot 7-589. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax)  
RU26 (UNII Band 7) – Ch. 143

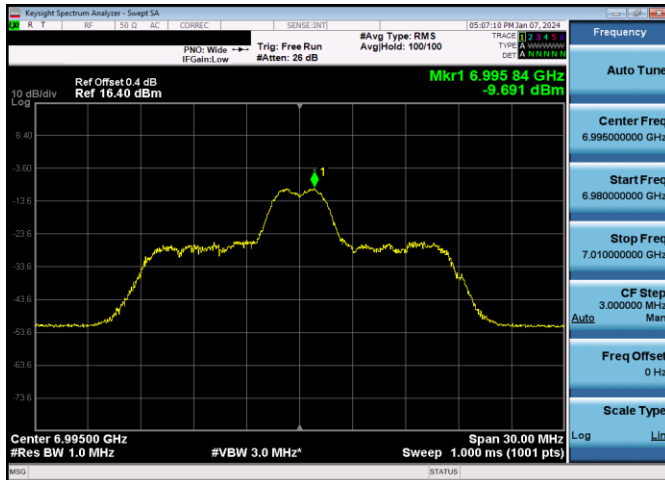
|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA2899<br><b>IC:</b> 579C-A2899  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-27-R4.BCG | <b>Test Dates:</b><br>11/29/2023 - 04/05/2024                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 204 of 607                          |



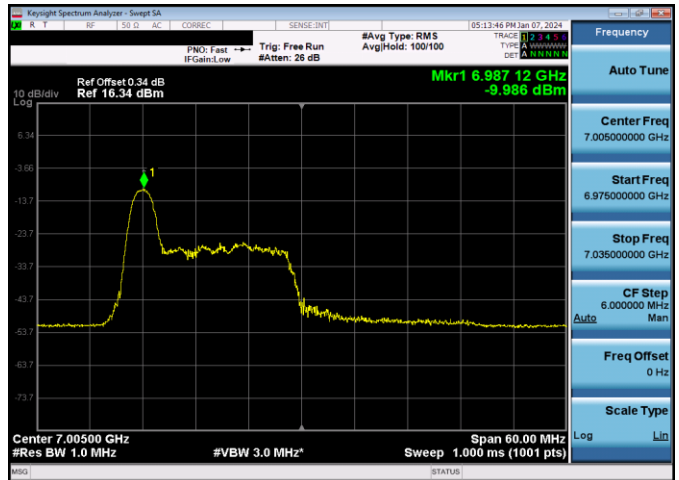
Plot 7-593. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



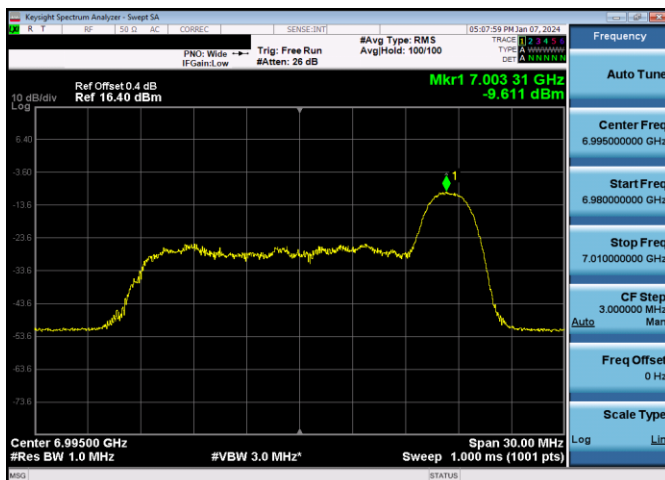
Plot 7-596. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



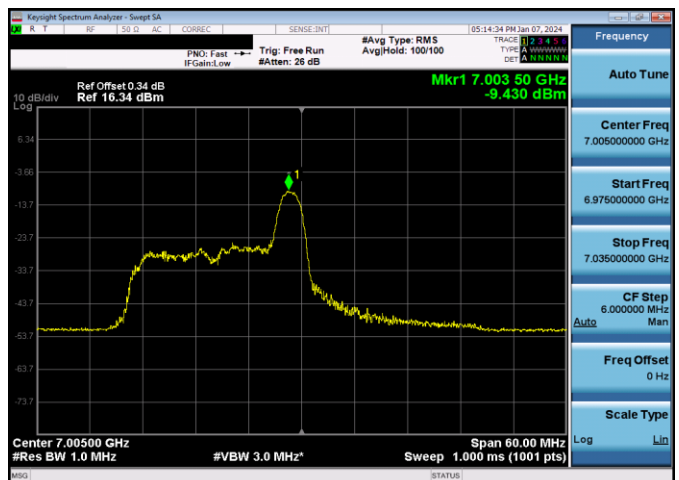
Plot 7-594. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-597. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

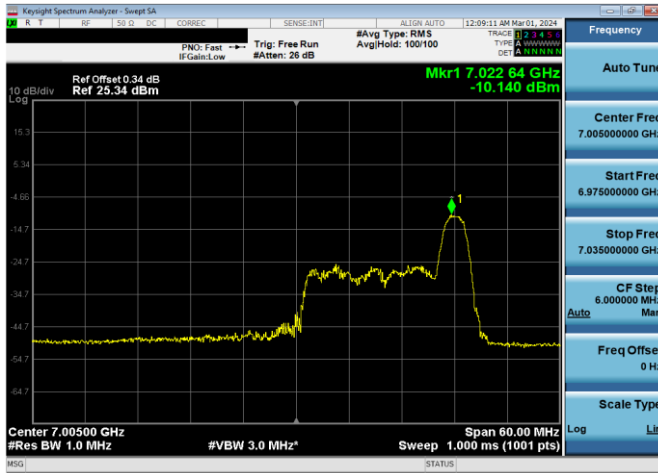


Plot 7-595. LPI Power Spectral Density Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

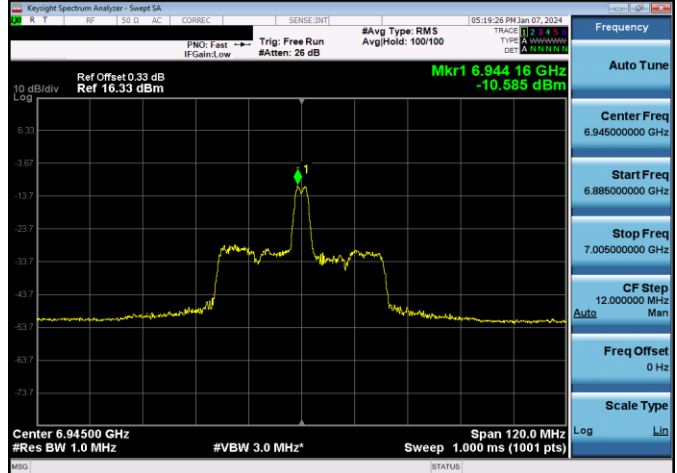


Plot 7-598. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

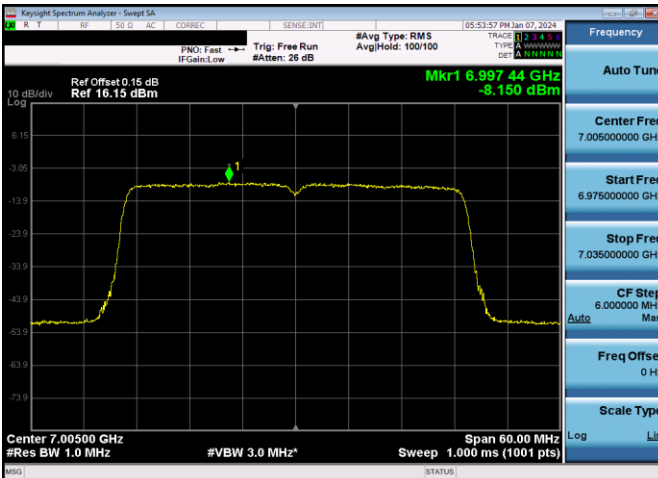
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                              | EUT Type:<br>Tablet Device |                                       | Page 205 of 607                   |



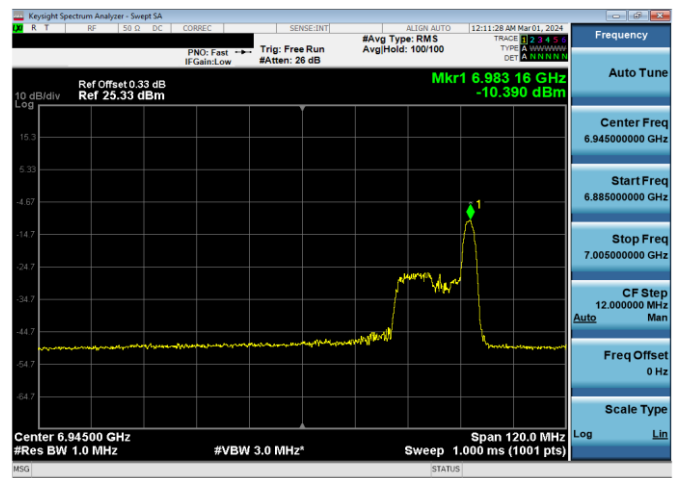
Plot 7-599. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



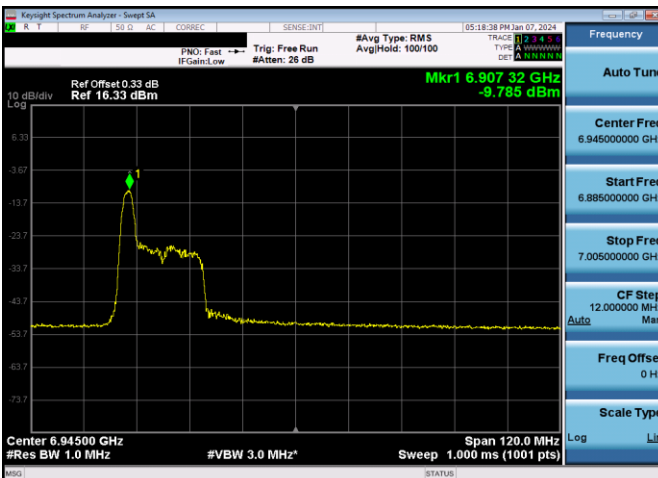
Plot 7-602. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



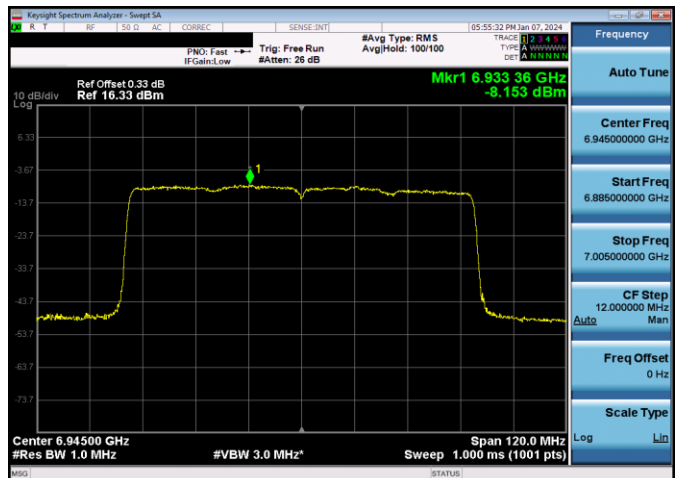
Plot 7-600. LPI Power Spectral Density Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



Plot 7-603. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

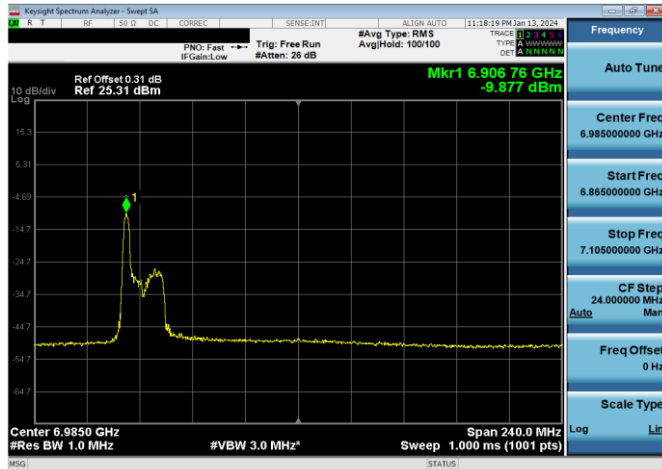


Plot 7-601. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

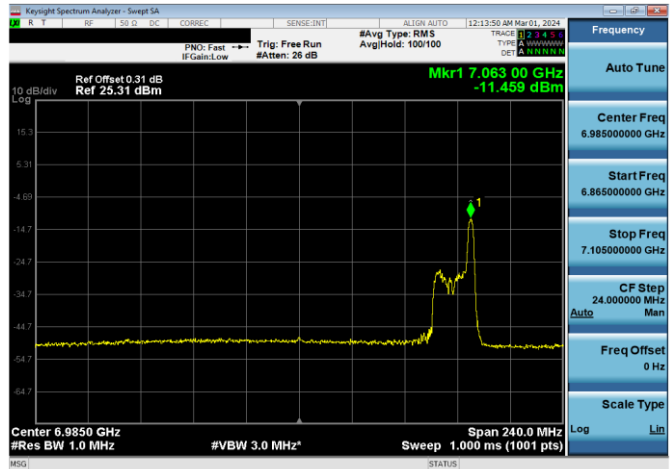


Plot 7-604. LPI Power Spectral Density Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

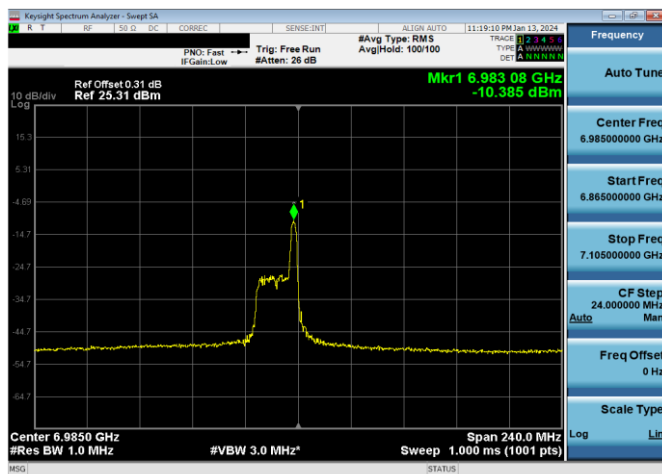
|                                            |                                        |                                       |                                   |
|--------------------------------------------|----------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         | element                                | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024 | EUT Type:<br>Tablet Device            | Page 206 of 607                   |



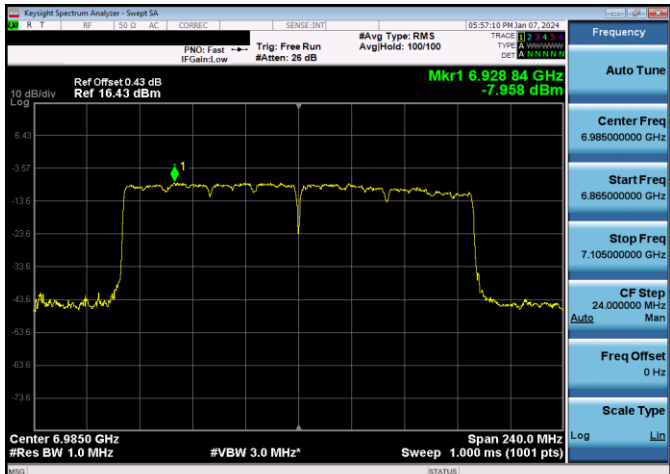
Plot 7-605. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-607. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-606. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-608. LPI Power Spectral Density Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

|                                            |                                                                                                                                   |                            |                                          |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                            | EUT Type:<br>Tablet Device | Page 207 of 607                          |

## 7.4.9 SDM Primary LPI Power Spectral Density Measurements

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Mode | Data Rate [Mbps] | Antenna 5T Power Density [dBm/MHz] | Antenna 3b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p Power Density [dBm/MHz] | Max EIRP Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|------|------------------|------------------------------------|------------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|-------------|
| Band 5 | 5955            | 1       | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.79                              | -9.38                              | -6.06                          | 1.99                           | -4.07                           | -1                               | -3.07       |
|        | 5955            | 1       | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -9.97                              | -10.13                             | -7.04                          | 1.99                           | -5.04                           | -1                               | -4.04       |
|        | 5955            | 1       | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.18                              | -9.39                              | -6.27                          | 1.99                           | -4.28                           | -1                               | -3.28       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.02                              | -8.72                              | -5.86                          | 1.99                           | -3.86                           | -1                               | -2.86       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -9.28                              | -9.83                              | -6.54                          | 1.99                           | -4.54                           | -1                               | -3.54       |
|        | 6175            | 45      | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -8.53                              | -8.72                              | -5.61                          | 1.99                           | -3.62                           | -1                               | -2.62       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.90                              | -8.94                              | -5.91                          | 1.99                           | -3.91                           | -1                               | -2.91       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -9.62                              | -9.89                              | -6.74                          | 1.99                           | -4.75                           | -1                               | -3.75       |
|        | 6415            | 93      | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -8.64                              | -9.63                              | -6.09                          | 1.99                           | -4.10                           | -1                               | -3.10       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.94                              | -9.64                              | -6.27                          | 1.99                           | -4.27                           | -1                               | -3.27       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.14                              | -9.37                              | -6.24                          | 1.99                           | -4.25                           | -1                               | -3.25       |
|        | 5965            | 3       | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -9.19                              | -9.15                              | -6.16                          | 1.99                           | -4.17                           | -1                               | -3.17       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.48                              | -9.26                              | -5.84                          | 1.99                           | -3.85                           | -1                               | -2.85       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -7.96                              | -8.90                              | -5.39                          | 1.99                           | -3.40                           | -1                               | -2.40       |
|        | 6165            | 43      | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -8.23                              | -9.02                              | -5.60                          | 1.99                           | -3.60                           | -1                               | -2.60       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.71                              | -9.14                              | -5.91                          | 1.99                           | -3.92                           | -1                               | -2.92       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.14                              | -9.41                              | -6.26                          | 1.99                           | -4.27                           | -1                               | -3.27       |
|        | 6165            | 91      | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -8.70                              | -8.86                              | -5.77                          | 1.99                           | -3.78                           | -1                               | -2.78       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.55                              | -9.25                              | -5.88                          | 1.99                           | -3.88                           | -1                               | -2.88       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -9.72                              | -10.69                             | -7.17                          | 1.99                           | -5.17                           | -1                               | -4.17       |
|        | 5985            | 7       | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -10.50                             | -9.45                              | -6.93                          | 1.99                           | -4.94                           | -1                               | -3.94       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.13                              | -9.02                              | -5.54                          | 1.99                           | -3.55                           | -1                               | -2.55       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -9.10                              | -10.02                             | -6.53                          | 1.99                           | -4.53                           | -1                               | -3.53       |
|        | 6145            | 39      | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -7.87                              | -9.33                              | -5.53                          | 1.99                           | -3.54                           | -1                               | -2.54       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.16                              | -8.53                              | -5.33                          | 1.99                           | -3.34                           | -1                               | -2.34       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.44                             | -10.47                             | -7.44                          | 1.99                           | -5.45                           | -1                               | -4.45       |
|        | 6385            | 87      | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -8.17                              | -8.51                              | -5.32                          | 1.99                           | -3.33                           | -1                               | -2.33       |
|        | 6025            | 15      | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.65                              | -8.54                              | -5.58                          | 1.99                           | -3.59                           | -1                               | -2.59       |
|        | 6025            | 15      | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -8.60                              | -9.07                              | -5.82                          | 1.99                           | -3.82                           | -1                               | -2.82       |
|        | 6025            | 15      | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -8.97                              | -8.96                              | -5.95                          | 1.99                           | -3.96                           | -1                               | -2.96       |
|        | 6185            | 47      | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -8.23                              | -8.90                              | -5.54                          | 1.99                           | -3.55                           | -1                               | -2.55       |
|        | 6185            | 47      | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -8.46                              | -7.92                              | -5.17                          | 1.99                           | -3.18                           | -1                               | -2.18       |
|        | 6185            | 47      | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -8.52                              | -8.85                              | -5.67                          | 1.99                           | -3.68                           | -1                               | -2.68       |
|        | 6345            | 79      | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.48                              | -9.01                              | -6.23                          | 1.99                           | -4.24                           | -1                               | -3.24       |
|        | 6345            | 79      | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -9.38                              | -8.52                              | -5.92                          | 1.99                           | -3.92                           | -1                               | -2.92       |
|        | 6345            | 79      | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -9.42                              | -8.14                              | -5.72                          | 1.99                           | -3.73                           | -1                               | -2.73       |
| Band 6 | 6345            | 97      | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.78                              | -10.84                             | -7.27                          | 1.79                           | -5.48                           | -1                               | -4.48       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.28                             | -11.07                             | -7.65                          | 1.79                           | -5.86                           | -1                               | -4.86       |
|        | 6345            | 97      | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.34                              | -10.21                             | -6.74                          | 1.79                           | -4.95                           | -1                               | -3.95       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.17                              | -10.35                             | -6.71                          | 1.79                           | -4.92                           | -1                               | -3.92       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.39                             | -11.67                             | -7.97                          | 1.79                           | -6.18                           | -1                               | -5.18       |
|        | 6475            | 105     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.31                              | -10.46                             | -6.84                          | 1.79                           | -5.05                           | -1                               | -4.05       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.88                              | -10.08                             | -6.97                          | 1.79                           | -5.18                           | -1                               | -4.18       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.55                             | -11.28                             | -7.89                          | 1.79                           | -6.10                           | -1                               | -5.10       |
|        | 6515            | 113     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.40                              | -10.77                             | -7.02                          | 1.79                           | -5.23                           | -1                               | -4.23       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.55                              | -10.87                             | -7.15                          | 1.79                           | -5.36                           | -1                               | -4.36       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.78                              | -10.39                             | -7.07                          | 1.79                           | -5.28                           | -1                               | -4.28       |
|        | 6445            | 99      | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -9.44                              | -10.22                             | -6.80                          | 1.79                           | -5.01                           | -1                               | -4.01       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.05                              | -10.19                             | -6.57                          | 1.79                           | -4.78                           | -1                               | -3.78       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.59                              | -11.75                             | -7.53                          | 1.79                           | -5.74                           | -1                               | -4.74       |
|        | 6485            | 107     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -9.64                              | -11.15                             | -7.32                          | 1.79                           | -5.53                           | -1                               | -4.53       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.34                             | -10.67                             | -7.49                          | 1.79                           | -5.70                           | -1                               | -4.70       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.98                              | -10.73                             | -7.33                          | 1.79                           | -5.54                           | -1                               | -4.54       |
|        | 6525            | 115     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -10.45                             | -11.24                             | -7.81                          | 1.79                           | -6.02                           | -1                               | -5.02       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.09                              | -9.40                              | -6.23                          | 1.79                           | -4.44                           | -1                               | -3.44       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.81                             | -11.94                             | -8.33                          | 1.79                           | -6.54                           | -1                               | -5.54       |
|        | 6465            | 103     | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -9.92                              | -10.23                             | -7.06                          | 1.79                           | -5.27                           | -1                               | -4.27       |
|        | 6505            | 111     | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.02                             | -10.65                             | -7.31                          | 1.79                           | -5.52                           | -1                               | -4.52       |
|        | 6505            | 111     | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.27                             | -11.43                             | -7.80                          | 1.79                           | -6.01                           | -1                               | -5.01       |
|        | 6505            | 111     | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -10.91                             | -11.18                             | -8.03                          | 1.79                           | -6.24                           | -1                               | -5.24       |

Table 7-150. Bands 5, 6 LPI Power Spectral Density Measurements SDM Primary (RU26)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG | Test Dates:<br>11/29/2023 - 04/05/2024                                              | EUT Type:<br>Tablet Device            | Page 208 of 607                   |

|        | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Mode | Data Rate [Mbps] | Antenna 5T Power Density [dBm/MHz] | Antenna 3b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p Power Density [dBm/MHz] | Max EIRP Power Density [dBm/MHz] | Margin [dB] |
|--------|-----------------|---------|-------------|---------|----------|------|------------------|------------------------------------|------------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|-------------|
| Band 7 | 6535            | 117     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.33                              | -10.08                             | -6.68                          | 2.87                           | -3.81                           | -1                               | -2.81       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.71                             | -10.75                             | -7.72                          | 2.87                           | -4.85                           | -1                               | -3.85       |
|        | 6535            | 117     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.16                             | -10.11                             | -7.12                          | 2.87                           | -4.26                           | -1                               | -3.26       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.78                              | -9.81                              | -6.78                          | 2.87                           | -3.91                           | -1                               | -2.91       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.40                             | -10.69                             | -7.53                          | 2.87                           | -4.66                           | -1                               | -3.66       |
|        | 6695            | 149     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.98                              | -10.04                             | -7.00                          | 2.87                           | -4.13                           | -1                               | -3.13       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.96                              | -10.60                             | -7.26                          | 2.87                           | -4.39                           | -1                               | -3.39       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.46                             | -11.16                             | -7.79                          | 2.87                           | -4.92                           | -1                               | -3.92       |
|        | 6875            | 185     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.20                             | -10.50                             | -7.34                          | 2.87                           | -4.47                           | -1                               | -3.47       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.97                              | -10.34                             | -7.14                          | 2.87                           | -4.27                           | -1                               | -3.27       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.05                             | -10.49                             | -7.25                          | 2.87                           | -4.38                           | -1                               | -3.38       |
|        | 6565            | 123     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -9.99                              | -10.47                             | -7.21                          | 2.87                           | -4.35                           | -1                               | -3.35       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.15                              | -9.87                              | -6.48                          | 2.87                           | -3.62                           | -1                               | -2.62       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.80                              | -10.12                             | -6.95                          | 2.87                           | -4.08                           | -1                               | -3.08       |
|        | 6725            | 155     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -9.94                              | -10.29                             | -7.10                          | 2.87                           | -4.23                           | -1                               | -3.23       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.83                              | -10.08                             | -6.94                          | 2.87                           | -4.07                           | -1                               | -3.07       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.05                             | -10.38                             | -7.20                          | 2.87                           | -4.34                           | -1                               | -3.34       |
|        | 6845            | 179     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -9.50                              | -10.71                             | -7.05                          | 2.87                           | -4.18                           | -1                               | -3.18       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.85                              | -10.23                             | -7.02                          | 2.87                           | -4.16                           | -1                               | -3.16       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.51                             | -11.01                             | -7.74                          | 2.87                           | -4.87                           | -1                               | -3.87       |
|        | 6545            | 119     | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -9.70                              | -10.47                             | -7.06                          | 2.87                           | -4.19                           | -1                               | -3.19       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.38                             | -9.83                              | -7.09                          | 2.87                           | -4.22                           | -1                               | -3.22       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.87                             | -11.35                             | -8.10                          | 2.87                           | -5.23                           | -1                               | -4.23       |
|        | 6705            | 151     | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -9.79                              | -10.02                             | -6.89                          | 2.87                           | -4.02                           | -1                               | -3.02       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.72                              | -9.94                              | -6.81                          | 2.87                           | -3.95                           | -1                               | -2.95       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.49                             | -11.89                             | -8.12                          | 2.87                           | -5.26                           | -1                               | -4.26       |
|        | 6865            | 183     | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -10.05                             | -10.60                             | -7.30                          | 2.87                           | -4.43                           | -1                               | -3.43       |
|        | 6665            | 143     | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.14                              | -10.46                             | -6.74                          | 2.87                           | -3.87                           | -1                               | -2.87       |
|        | 6665            | 143     | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -9.92                              | -10.13                             | -7.02                          | 2.87                           | -4.15                           | -1                               | -3.15       |
|        | 6665            | 143     | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -9.52                              | -10.21                             | -6.84                          | 2.87                           | -3.97                           | -1                               | -2.97       |
|        | 6825            | 175     | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.09                             | -9.97                              | -7.02                          | 2.87                           | -4.15                           | -1                               | -3.15       |
|        | 6825            | 175     | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.21                             | -10.02                             | -7.10                          | 2.87                           | -4.23                           | -1                               | -3.23       |
|        | 6825            | 175     | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -10.65                             | -9.58                              | -7.07                          | 2.87                           | -4.20                           | -1                               | -3.20       |
| Band 8 | 6895            | 189     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.83                             | -9.55                              | -7.14                          | 3.01                           | -4.12                           | -1                               | -3.12       |
|        | 6895            | 189     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -11.49                             | -11.59                             | -8.53                          | 3.01                           | -5.51                           | -1                               | -4.51       |
|        | 6895            | 189     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.13                             | -11.02                             | -7.54                          | 3.01                           | -4.53                           | -1                               | -3.53       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.13                             | -10.87                             | -7.47                          | 3.01                           | -4.46                           | -1                               | -3.46       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -10.83                             | -11.41                             | -8.10                          | 3.01                           | -5.09                           | -1                               | -4.09       |
|        | 6995            | 209     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -9.96                              | -10.85                             | -7.37                          | 3.01                           | -4.35                           | -1                               | -3.35       |
|        | 7115            | 233     | ax (20MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.38                             | -11.48                             | -7.89                          | 3.01                           | -4.87                           | -1                               | -3.87       |
|        | 7115            | 233     | ax (20MHz)  | 26      | 4        | SDM  | 25/29.4 (MCS11)  | -11.01                             | -10.70                             | -7.84                          | 3.01                           | -4.83                           | -1                               | -3.83       |
|        | 7115            | 233     | ax (20MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.31                             | -10.78                             | -7.53                          | 3.01                           | -4.52                           | -1                               | -3.52       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.23                             | -10.42                             | -7.32                          | 3.01                           | -4.30                           | -1                               | -3.30       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.23                             | -10.20                             | -7.20                          | 3.01                           | -4.19                           | -1                               | -3.19       |
|        | 6885            | 187     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -10.11                             | -11.01                             | -7.53                          | 3.01                           | -4.51                           | -1                               | -3.51       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.98                              | -11.02                             | -7.46                          | 3.01                           | -4.44                           | -1                               | -3.44       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.56                             | -11.17                             | -7.85                          | 3.01                           | -4.83                           | -1                               | -3.83       |
|        | 7005            | 211     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -10.58                             | -10.85                             | -7.70                          | 3.01                           | -4.69                           | -1                               | -3.69       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.99                              | -10.66                             | -7.30                          | 3.01                           | -4.29                           | -1                               | -3.29       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 8        | SDM  | 25/29.4 (MCS11)  | -10.14                             | -10.88                             | -7.48                          | 3.01                           | -4.47                           | -1                               | -3.47       |
|        | 7085            | 227     | ax (40MHz)  | 26      | 17       | SDM  | 25/29.4 (MCS11)  | -10.32                             | -11.46                             | -7.85                          | 3.01                           | -4.83                           | -1                               | -3.83       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -9.94                              | -11.12                             | -7.48                          | 3.01                           | -4.46                           | -1                               | -3.46       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -11.58                             | -11.61                             | -8.59                          | 3.01                           | -5.57                           | -1                               | -4.57       |
|        | 6945            | 199     | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -10.47                             | -11.10                             | -7.76                          | 3.01                           | -4.75                           | -1                               | -3.75       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.83                             | -10.54                             | -7.67                          | 3.01                           | -4.66                           | -1                               | -3.66       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -11.15                             | -12.28                             | -8.66                          | 3.01                           | -5.65                           | -1                               | -4.65       |
|        | 7025            | 215     | ax (80MHz)  | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -10.37                             | -11.06                             | -7.69                          | 3.01                           | -4.68                           | -1                               | -3.68       |
|        | 6985            | 207     | ax (160MHz) | 26      | 0        | SDM  | 25/29.4 (MCS11)  | -10.89                             | -10.34                             | -7.60                          | 3.01                           | -4.58                           | -1                               | -3.58       |
|        | 6985            | 207     | ax (160MHz) | 26      | 18       | SDM  | 25/29.4 (MCS11)  | -10.84                             | -10.72                             | -7.77                          | 3.01                           | -4.76                           | -1                               | -3.76       |
|        | 6985            | 207     | ax (160MHz) | 26      | 36       | SDM  | 25/29.4 (MCS11)  | -11.61                             | -10.39                             | -7.94                          | 3.01                           | -4.93                           | -1                               | -3.93       |

**Table 7-151. Bands 7, 8 LPI Power Spectral Density Measurements SDM Primary (RU26)**

|                                            |  |                                                                                                                           |                            |                                   |
|--------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG |  | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                    | EUT Type:<br>Tablet Device | Page 209 of 607                   |

|        | Channel | 802.11 MODE     | RU Size | RU Index | Mode | Data Rate [Mbps]    | Antenna 5T Power Density [dBm/MHz] | Antenna 3b Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directional Antenna Gain [dBi] | e.i.r.p Power Density [dBm/MHz] | Max EIRP Power Density [dBm/MHz] | Margin [dB] |
|--------|---------|-----------------|---------|----------|------|---------------------|------------------------------------|------------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|-------------|
| Band 5 | 5955    | 1 ax (20MHz)    | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -8.17                              | -8.80                              | -5.46                          | 1.99                           | -3.47                           | -1                               | -2.47       |
|        | 6175    | 45 ax (20MHz)   | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -7.78                              | -8.07                              | -4.91                          | 1.99                           | -2.92                           | -1                               | -1.92       |
|        | 6415    | 93 ax (20MHz)   | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -7.89                              | -8.28                              | -5.07                          | 1.99                           | -3.08                           | -1                               | -2.08       |
|        | 5965    | 3 ax (40MHz)    | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -8.31                              | -8.43                              | -5.36                          | 1.99                           | -3.36                           | -1                               | -2.36       |
|        | 6165    | 43 ax (40MHz)   | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -7.66                              | -7.93                              | -4.78                          | 1.99                           | -2.79                           | -1                               | -1.79       |
|        | 6165    | 91 ax (40MHz)   | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -7.84                              | -8.51                              | -5.15                          | 1.99                           | -3.16                           | -1                               | -2.16       |
|        | 5985    | 7 ax (80MHz)    | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -7.99                              | -8.27                              | -5.12                          | 1.99                           | -3.12                           | -1                               | -2.12       |
|        | 6145    | 39 ax (80MHz)   | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -7.48                              | -7.73                              | -4.59                          | 1.99                           | -2.60                           | -1                               | -1.60       |
|        | 6385    | 87 ax (80MHz)   | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -7.84                              | -7.76                              | -4.79                          | 1.99                           | -2.80                           | -1                               | -1.80       |
|        | 6025    | 15 ax (160MHz)  | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -8.57                              | -8.34                              | -5.45                          | 1.99                           | -3.45                           | -1                               | -2.45       |
|        | 6185    | 47 ax (160MHz)  | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -7.57                              | -7.81                              | -4.68                          | 1.99                           | -2.68                           | -1                               | -1.68       |
|        | 6345    | 79 ax (160MHz)  | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -8.25                              | -8.20                              | -5.21                          | 1.99                           | -3.22                           | -1                               | -2.22       |
| Band 6 | 6345    | 97 ax (20MHz)   | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -8.94                              | -8.73                              | -5.83                          | 1.79                           | -4.04                           | -1                               | -3.04       |
|        | 6475    | 105 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -8.84                              | -9.43                              | -6.11                          | 1.79                           | -4.32                           | -1                               | -3.32       |
|        | 6515    | 113 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -9.26                              | -8.75                              | -5.99                          | 1.79                           | -4.20                           | -1                               | -3.20       |
|        | 6445    | 99 ax (40MHz)   | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -8.85                              | -8.31                              | -5.56                          | 1.79                           | -3.77                           | -1                               | -2.77       |
|        | 6485    | 107 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -8.80                              | -8.24                              | -5.50                          | 1.79                           | -3.71                           | -1                               | -2.71       |
|        | 6525    | 115 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.77                              | -9.30                              | -6.52                          | 1.79                           | -4.73                           | -1                               | -3.73       |
|        | 6465    | 103 ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -8.96                              | -8.16                              | -5.53                          | 1.79                           | -3.74                           | -1                               | -2.74       |
|        | 6505    | 111 ax (160MHz) | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -9.08                              | -8.64                              | -5.85                          | 1.79                           | -4.06                           | -1                               | -3.06       |
|        | 6535    | 117 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -8.95                              | -9.12                              | -6.02                          | 2.87                           | -3.15                           | -1                               | -2.15       |
|        | 6695    | 149 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -8.71                              | -8.61                              | -5.65                          | 2.87                           | -2.78                           | -1                               | -1.78       |
|        | 6875    | 185 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -8.71                              | -9.22                              | -5.95                          | 2.87                           | -3.08                           | -1                               | -2.08       |
|        | 6565    | 123 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.13                              | -9.58                              | -6.34                          | 2.87                           | -3.47                           | -1                               | -2.47       |
| Band 7 | 6725    | 155 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.00                              | -9.07                              | -6.03                          | 2.87                           | -3.16                           | -1                               | -2.16       |
|        | 6845    | 179 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.26                              | -9.32                              | -6.28                          | 2.87                           | -3.41                           | -1                               | -2.41       |
|        | 6545    | 119 ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -8.90                              | -9.29                              | -6.08                          | 2.87                           | -3.21                           | -1                               | -2.21       |
|        | 6705    | 151 ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -9.30                              | -8.96                              | -6.12                          | 2.87                           | -3.25                           | -1                               | -2.25       |
|        | 6865    | 183 ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -8.98                              | -9.55                              | -6.24                          | 2.87                           | -3.37                           | -1                               | -2.37       |
|        | 6665    | 143 ax (160MHz) | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -9.37                              | -9.25                              | -6.30                          | 2.87                           | -3.43                           | -1                               | -2.43       |
|        | 6825    | 175 ax (160MHz) | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -8.94                              | -9.24                              | -6.08                          | 2.87                           | -3.21                           | -1                               | -2.21       |
|        | 6895    | 189 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -11.33                             | -9.29                              | -7.18                          | 3.01                           | -4.17                           | -1                               | -3.17       |
|        | 6995    | 209 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -11.18                             | -9.09                              | -7.00                          | 3.01                           | -3.99                           | -1                               | -2.99       |
|        | 7115    | 233 ax (20MHz)  | 242     | 61       | SDM  | 243.8/286.8 (MCS11) | -11.38                             | -9.64                              | -7.41                          | 3.01                           | -4.40                           | -1                               | -3.40       |
|        | 6885    | 187 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.15                              | -9.23                              | -6.18                          | 3.01                           | -3.16                           | -1                               | -2.16       |
|        | 7005    | 211 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.16                              | -9.76                              | -6.44                          | 3.01                           | -3.43                           | -1                               | -2.43       |
| Band 8 | 7085    | 227 ax (40MHz)  | 484     | 65       | SDM  | 487.5/573.5 (MCS11) | -9.28                              | -9.31                              | -6.29                          | 3.01                           | -3.27                           | -1                               | -2.27       |
|        | 6945    | 199 ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -9.10                              | -8.89                              | -5.98                          | 3.01                           | -2.97                           | -1                               | -1.97       |
|        | 7025    | 215 ax (80MHz)  | 996     | 67       | SDM  | 1020.8/1201 (MCS11) | -8.63                              | -8.77                              | -5.69                          | 3.01                           | -2.68                           | -1                               | -1.68       |
|        | 6985    | 207 ax (160MHz) | 996x2   | 68       | SDM  | 2041.6/2402 (MCS11) | -8.79                              | -8.73                              | -5.75                          | 3.01                           | -2.74                           | -1                               | -1.74       |

**Table 7-152. LPI Power Spectral Density Measurements SDM Primary (Fully-loaded RU)**

|                                            |  |                                                                                                                           |                            |                                   |
|--------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA2899<br>IC: 579C-A2899         |  |  MEASUREMENT REPORT<br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-27-R4.BCG |  | Test Dates:<br>11/29/2023 - 04/05/2024                                                                                    | EUT Type:<br>Tablet Device | Page 210 of 607                   |