## (e) element




Plot 7-395. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 17 - RU26 - Ch.46)


Plot 7-396. PSD CDD Primary Antenna WF5B (40MHz BW 11ax - RU484 - Ch.46)


Plot 7-397. PSD CDD Primary Antenna WF8 (40MHz BW 11ax - RU484 - Ch.46)


Plot 7-398. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 0 - RU26 - Ch.42)


Plot 7-399. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-\mathrm{A} 2836$ | element | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 181 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device |  |

[^0]
## (e) element



Plot 7-400. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 18 - RU26 - Ch.42)


Plot 7-401. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 18 - RU26 - Ch.42)


Plot 7-402. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 36 - RU26 - Ch.42)




Plot 7-404. PSD CDD Primary Antenna WF5B (80MHz BW 11ax - RU996 - Ch.42)


Plot 7-405. PSD CDD Primary Antenna WF8 (80MHz BW 11ax - RU996 - Ch.42)

| FCC ID: BCGA2836 <br> IC: 579C-A2836 | MEASUREMENT REPORT <br> (CERTIFICATION) |  | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: <br> Tablet Device | Page 182 of 455 |

 permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

## © element



Plot 7-406. PSD CDD Primary Antenna WF5B (160MHz BW 11ax Index 37 - RU52 - Ch. 50 (L))


Plot 7-407. PSD CDD Primary Antenna WF8 (160MHz BW 11ax Index 37 - RU52 - Ch. 50 (L))


Plot 7-408. PSD CDD Primary Antenna WF5B (160MHz BW 11ax Index 52 - RU52 - Ch. 50 (L))


Plot 7-409. PSD CDD Primary Antenna WF8 (160MHz BW 11ax Index 52 - RU52 - Ch. 50 (L))


Plot 7-410. PSD CDD Primary Antenna WF5B (160MHz BW 11ax Index 52 - RU52 - Ch. 50 (U))


Plot 7-411. PSD CDD Primary Antenna WF8 (160MHz BW 11ax Index 52 - RU52 - Ch. 50 (U))

| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-$ A2836 | element | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- | :--- |
| Test Report S/N: <br> 1C2311270067-12.BCG | Test Dates: <br> $1 / 8 / 2024-3 / 18 / 2024$ | EUT Type: <br> Tablet Device | Page 183 of 455 |

[^1]
## (e) element




Plot 7-413. PSD CDD Primary Antenna WF8 (160MHz BW 11ax - RU996x2 - Ch.50)


Plot 7-414. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 37 - RU52 - Ch.60)




Plot 7-416. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 38 - RU52 - Ch.60)


Plot 7-417. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 38 - RU52 - Ch.60)

| FCC ID: BCGA2836 IC: 579C-A2836 | (2) eleme | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 1C2311270067-12.BCG | Test Dates: <br> 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 184 of 455 |

[^2]
## (e) element



Pot 7-418. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 40 - RU52 - Ch.60)


Plot 7-419. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 40 - RU52 - Ch.60)


Plot 7-420. PSD CDD Primary Antenna WF5B (20MHz BW 11ax- RU242 - Ch.60)


Plot 7-421. PSD CDD Primary Antenna WF8 (20MHz BW 11ax- RU242 - Ch.60)


Plot 7-422. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 37 - RU52 - Ch.54)


Plot 7-423. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 37 - RU52 - Ch. 54 )

| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-\mathrm{A} 2836$ | element | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 185 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device |  |

[^3]
## © element



Plot 7-424. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 40 - RU52 - Ch.54)


Plot 7-425. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 40 - RU52 - Ch.54)


Plot 7-426. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 44 - RU52 - Ch.54)


Plot 7-427. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 44 - RU52 - Ch.54)


Ch.54)


Plot 7-429. PSD CDD Primary Antenna WF8 (40MHz BW 11ax - RU484 - Ch.54)

| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-\mathrm{A} 2836$ | MEASUREMENT REPORT <br> (CERTIFICATION) |  | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 186 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device |  |

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

## © element


lot 7-430. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 37 - RU52 - Ch.58)


Plot 7-431. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 37 - RU52 - Ch.58)


Plot 7-432. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 44 - RU52 - Ch.58)


Plot 7-435. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 52 - RU52 - Ch.58)

## FCC ID: BCGA2836

IC: 579C-A2836
Test Report S/N:
1C2311270067-12.BCG
element
Test Dates: 1/8/2024-3/18/2024

MEASUREMENT REPORT (CERTIFICATION)
EUT Type:
Tablet Device

Approved by:
Technical Manager
Page 187 of 455

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, $12 / 15 / 2021$ permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

## (e) element



Plot 7-436. PSD CDD Primary Antenna WF5B (80MHz BW 11ax - RU996 - Ch.58)


Plot 7-437. PSD CDD Primary Antenna WF8 (80MHz BW 11ax - RU996 - Ch.58)


Plot 7-438. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 37 - RU52 - Ch.116)


Plot 7-439. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 37 - RU52 - Ch.116)


Plot 7-440. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 38 - RU52 - Ch.116)


Plot 7-441. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 38 - RU52 - Ch.116)

| FCC ID: BCGA2836 IC: 579C-A2836 | (2) eleme | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 1C2311270067-12.BCG | Test Dates: <br> 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 188 of 455 |

[^4]
## (e) element




Plot 7-443. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 40 - RU52 - Ch.116)


Plot 7-444. PSD CDD Primary Antenna WF5B (20MHz BW 11ax- RU242 - Ch.116)


Plot 7-445. PSD CDD Primary Antenna WF8 (20MHz BW 11ax- RU242 - Ch.116)


Plot 7-446. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 37 - RU52 - Ch.110)


Plot 7-447. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 37 - RU52 - Ch.110)

| FCC ID: BCGA2836 IC: 579C-A2836 | (-) elemel | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 189 of 455 |

[^5]
## © element



Plot 7-448. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 40 - RU52 - Ch.110)


Plot 7-449. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 40 - RU52 - Ch.110)


Plot 7-450. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 44 - RU52 - Ch.110)


Plot 7-451. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 44 - RU52 - Ch.110)


Plot 7-452. PSD CDD Primary Antenna WF5B (40MHz BW 11ax - RU484 - Ch. 110


Plot 7-453. PSD CDD Primary Antenna WF8 (40MHz BW 11ax - RU484 - Ch.110)

| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-\mathrm{A} 2836$ | MEASUREMENT REPORT <br> (CERTIFICATION) |  | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 190 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device |  |

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

## (e) element




Plot 7-455. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 37 - RU52 - Ch.122)


Plot 7-456. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 44 - RU52 - Ch.122)




Plot 7-458. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 52 - RU52 - Ch.122)


Plot 7-459. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 52 - RU52 - Ch.122)

| FCC ID: BCGA2836 IC: 579C-A2836 | (2) eleme | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 1C2311270067-12.BCG | Test Dates: <br> 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 191 of 455 |

[^6]
## (e) element



Plot 7-460. PSD CDD Primary Antenna WF5B (80MHz BW 11ax - RU996 - Ch.122)


Plot 7-461. PSD CDD Primary Antenna WF8 (80MHz BW 11ax - RU996 - Ch.122)


Plot 7-462. PSD CDD Primary Antenna WF5B (160MHz BW 11ax Index 37 - RU52 - Ch. 114 (L))


Plot 7-463. PSD CDD Primary Antenna WF8 (160MHz BW 11ax Index 37 - RU52 - Ch. 114 (L))


Plot 7-464. PSD CDD Primary Antenna WF5B (160MHz BW 11ax Index 52 - RU52 - Ch. 114 (L))


Plot 7-465. PSD CDD Primary Antenna WF8 (160MHz BW 11ax Index 52 - RU52 - Ch. 114 (L))

| FCC ID: BCGA2836 IC: 579C-A2836 | (2) eleme | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: <br> 1C2311270067-12.BCG | Test Dates: <br> 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 192 of 455 |

[^7]

Plot 7-466. PSD CDD Primary Antenna WF5B (160MHz BW 11ax Index 52 - RU52 - Ch. 114 (U))


Plot 7-467. PSD CDD Primary Antenna WF8 (160MHz BW 11ax Index 52 - RU52 - Ch. 114 (U))


Plot 7-468. PSD CDD Primary Antenna WF5B (160MHz BW 11ax - RU996x2 - Ch.114)


Plot 7-469. PSD CDD Primary Antenna WF8 (160MHz BW 11ax - RU996x2 - Ch.114)

| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-\mathrm{A} 2836$ | MEASUREMENT REPORT <br> (CERTIFICATION) |  | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: <br> Tablet Device | Page 193 of 455 |


|  | Frequency [MHz] | Channel No. | $\begin{aligned} & 802.11 \\ & \text { MODE } \end{aligned}$ | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF5B <br> Power Density <br> [dBm/500kHz] | Antenna WF8 <br> Power Density <br> [dBm/500kHz] | Summed Power Density [dBm/500kHz] | Max Permissible Power Density [dBm/500kHz] | Margin [dB] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { m } \\ & \text { O } \\ & \text { 테 } \end{aligned}$ | 5745 | 149 | ax (20MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 4.89 | 4.47 | 7.69 | 30.0 | -25.53 |
|  |  |  |  |  | 26 | 4 | 25/29.4 (MCS11) | 4.23 | 4.54 | 7.40 | 30.0 | -25.46 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 4.87 | 4.58 | 7.74 | 30.0 | -25.42 |
|  | 5785 | 157 | $\mathrm{ax}(20 \mathrm{MHz})$ | CDD | 26 | 0 | 25/29.4 (MCS11) | 4.62 | 4.47 | 7.56 | 30.0 | -25.53 |
|  |  |  |  |  | 26 | 4 | 25/29.4 (MCS11) | 4.76 | 3.93 | 7.37 | 30.0 | -26.07 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 4.67 | 4.48 | 7.58 | 30.0 | -25.52 |
|  | 5825 | 165 | ax (20MHz) | CDD | 26 | 0 | 25/29.4 (MCS11) | 5.05 | 4.91 | 7.99 | 30.0 | -25.09 |
|  |  |  |  |  | 26 | 4 | 25/29.4 (MCS11) | 4.79 | 4.20 | 7.52 | 30.0 | -25.80 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 5.10 | 4.45 | 7.80 | 30.0 | -25.55 |
|  | 5755 | 151 | $\mathrm{ax}(40 \mathrm{MHz})$ | CDD | 26 | 0 | 25/29.4 (MCS11) | 4.41 | 3.68 | 7.07 | 30.0 | -26.32 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 4.20 | 4.59 | 7.41 | 30.0 | -25.41 |
|  |  |  |  |  | 26 | 17 | 25/29.4 (MCS11) | 4.46 | 3.65 | 7.08 | 30.0 | -26.35 |
|  | 5795 | 159 | $\mathrm{ax}(40 \mathrm{MHz})$ | CDD | 26 | 0 | 25/29.4 (MCS11) | 4.20 | 3.89 | 7.05 | 30.0 | -26.11 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 4.79 | 4.65 | 7.73 | 30.0 | -25.35 |
|  |  |  |  |  | 26 | 17 | 25/29.4 (MCS11) | 4.33 | 4.52 | 7.44 | 30.0 | -25.48 |
|  | 5775 | 155 | $\mathrm{ax}(80 \mathrm{MHz})$ | CDD | 26 | 0 | 25/29.4 (MCS11) | 4.11 | 4.16 | 7.14 | 30.0 | -25.84 |
|  |  |  |  |  | 26 | 18 | 25/29.4 (MCS11) | 3.92 | 3.65 | 6.79 | 30.0 | -26.35 |
|  |  |  |  |  | 26 | 36 | 25/29.4 (MCS11) | 4.37 | 4.23 | 7.31 | 30.0 | -25.77 |

Table 7-191. Band 3 Power Spectral Density Measurements CDD Primary (RU26)

|  | Frequency <br> [MHz] | Channel | $\begin{aligned} & 802.11 \\ & \text { MODE } \end{aligned}$ | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF5B <br> Power Density <br> [dBm/500kHz] | Antenna WF8 <br> Power Density <br> [dBm/500kHz] | Summed Power Density [dBm/500kHz] | Max Permissible <br> Power Density [dBm/500kHz] | Margin <br> [dB] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5745 | 149 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.67 | 5.06 | 8.38 | 30.0 | -24.95 |
|  | 5785 | 157 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.43 | 4.85 | 8.16 | 30.0 | -25.15 |
|  | 5825 | 165 | ax (20MHz) | CDD | 242 | 61 | 243.8/286.8 (MCS11) | 5.70 | 4.85 | 8.31 | 30.0 | -25.15 |
|  | 5755 | 151 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | 0.87 | 0.62 | 3.76 | 30.0 | -29.38 |
|  | 5795 | 159 | ax ( 40 MHz ) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | 2.56 | 1.67 | 5.14 | 30.0 | -28.33 |
|  | 5775 | 155 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -4.51 | -4.96 | -1.72 | 30.0 | -34.96 |

Table 7-192. Band 3 Power Spectral Density Measurements CDD Primary (Fully-loaded RU)

| FCC ID: BCGA2836 <br> IC: 579C-A2836 | element | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 194 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device | V $10.512 / 15 / 2021$ |

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

## e element



Plot 7-470. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 0 - RU26 - Ch.157)


Plot 7-471. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 0 - RU26 - Ch.157)


Plot 7-472. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 4 - RU26 - Ch.157)


Plot 7-473. PSD CDD Primary Antenna WF8 (20MHz BW 11ax Index 4 - RU26 - Ch.157)


Plot 7-474. PSD CDD Primary Antenna WF5B (20MHz BW 11ax Index 8 - RU26 - Ch.157)


## (e) element



Plot 7-476. PSD CDD Primary Antenna WF5B (20MHz BW 11ax - RU242 - Ch.157)


Plot 7-477. PSD CDD Primary Antenna WF8 (20MHz BW 11ax - RU242 - Ch.157)


Plot 7-478. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 0 - RU26 - Ch.151)


Plot 7-479. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 0-RU26 - Ch.151)


Plot 7-480. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 8 - RU26 - Ch.151)


Plot 7-481. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 8 - RU26 - Ch.151)

| FCC ID: BCGA2836 IC: 579C-A2836 | eleme | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 196 of 455 |

[^8]
## © element



Plot 7-482. PSD CDD Primary Antenna WF5B (40MHz BW 11ax Index 17 - RU26 - Ch.151)


Plot 7-483. PSD CDD Primary Antenna WF8 (40MHz BW 11ax Index 17 - RU26 - Ch.151)


Plot 7-484. PSD CDD Primary Antenna WF5B (40MHz BW 11ax - RU484 - Ch.151)




Plot 7-486. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 0 - RU26 - Ch.155)


| FCC ID: BCGA2836 <br> IC: $579 \mathrm{C}-\mathrm{A} 2836$ | element | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 197 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device |  |

[^9]
## e element



Plot 7-488. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 18 - RU26 - Ch.155)


Plot 7-489. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 18 - RU26 - Ch.155)


Plot 7-490. PSD CDD Primary Antenna WF5B (80MHz BW 11ax Index 36 - RU26 - Ch.155)


Plot 7-491. PSD CDD Primary Antenna WF8 (80MHz BW 11ax Index 36 - RU26 - Ch.155)


Plot 7-492. PSD CDD Primary Antenna WF5B (80MHz BW 11ax - RU996 - Ch.155)


Plot 7-493. PSD CDD Primary Antenna WF8 (80MHz BW 11ax - RU996 - Ch.155)

| FCC ID: BCGA2836 IC: 579C-A2836 | ( - eleme | MEASUREMENT REPORT (CERTIFICATION) | Approved by: <br> Technical Manager |
| :---: | :---: | :---: | :---: |
| Test Report S/N: 1C2311270067-12.BCG | Test Dates: <br> 1/8/2024-3/18/2024 | EUT Type: <br> Tablet Device | Page 198 of 455 |

[^10]|  | Frequency [MHz] | Channel No. | 802.11 MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF5B Power Density [dBm/MHz] | Antenna WF8 Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directoinal Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 「듣․© | 5180 | 36 | $\mathrm{ax}(20 \mathrm{MHz})$ | SDM | 26 | 0 | 25/29.4 (MCS11) | 2.26 | 2.71 | 5.50 | 1.60 | 7.10 | 10.0 | -2.90 |
|  |  |  |  |  | 26 | 4 | 25/29.4 (MCS11) | 0.70 | 1.87 | 4.33 | 1.60 | 5.93 | 10.0 | -4.07 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 2.13 | 2.41 | 5.28 | 1.60 | 6.88 | 10.0 | -3.12 |
|  | 5200 | 40 | $\mathrm{ax}(20 \mathrm{MHz})$ | SDM | 26 | 0 | 25/29.4 (MCS11) | 2.20 | 2.69 | 5.46 | 1.60 | 7.06 | 10.0 | -2.94 |
|  |  |  |  |  | 26 | 4 | 25/29.4 (MCS11) | 0.93 | 1.99 | 4.50 | 1.60 | 6.10 | 10.0 | -3.90 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 1.57 | 2.89 | 5.29 | 1.60 | 6.89 | 10.0 | -3.11 |
|  | 5240 | 48 | $\mathrm{ax}(20 \mathrm{MHz})$ | SDM | 26 | 0 | 25/29.4 (MCS11) | 2.03 | 2.87 | 5.48 | 1.60 | 7.08 | 10.0 | -2.92 |
|  |  |  |  |  | 26 | 4 | 25/29.4 (MCS11) | 1.03 | 1.43 | 4.25 | 1.60 | 5.85 | 10.0 | -4.15 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 1.60 | 1.94 | 4.78 | 1.60 | 6.38 | 10.0 | -3.62 |
|  | 5190 | 38 | ax (40MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 1.76 | 1.98 | 4.88 | 1.60 | 6.48 | 10.0 | -3.52 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 2.19 | 3.00 | 5.63 | 1.60 | 7.23 | 10.0 | -2.77 |
|  |  |  |  |  | 26 | 17 | 25/29.4 (MCS11) | 2.65 | 2.95 | 5.81 | 1.60 | 7.41 | 10.0 | -2.59 |
|  | 5230 | 46 | ax (40MHz) | SDM | 26 | 0 | 25/29.4 (MCS11) | 2.56 | 3.14 | 5.87 | 1.60 | 7.47 | 10.0 | -2.53 |
|  |  |  |  |  | 26 | 8 | 25/29.4 (MCS11) | 3.20 | 3.06 | 6.14 | 1.60 | 7.74 | 10.0 | -2.26 |
|  |  |  |  |  | 26 | 17 | 25/29.4 (MCS11) | 2.18 | 3.18 | 5.72 | 1.60 | 7.32 | 10.0 | -2.68 |
|  | 5210 | 42 | $\mathrm{ax}(80 \mathrm{MHz})$ | SDM | 26 | 0 | 25/29.4 (MCS11) | 3.14 | 2.96 | 6.06 | 1.60 | 7.66 | 10.0 | -2.34 |
|  |  |  |  |  | 26 | 18 | 25/29.4 (MCS11) | 1.52 | 1.79 | 4.67 | 1.60 | 6.27 | 10.0 | -3.73 |
|  |  |  |  |  | 26 | 36 | 25/29.4 (MCS11) | 1.86 | 2.65 | 5.28 | 1.60 | 6.88 | 10.0 | -3.12 |
| $\begin{aligned} & \text { 듦 } \\ & \text { Nㅜㄱ } \end{aligned}$ | 5250 | 50 (L) | ax (160MHz) | SDM | 52 | 37 | 50/58.8 (MCS11) | 2.67 | 2.58 | 5.64 | 1.60 | 7.24 | 10.0 | -2.76 |
|  |  |  |  |  | 52 | 52 | 50/58.8 (MCS11) | 1.99 | 2.26 | 5.14 | 1.60 | 6.74 | 10.0 | -3.26 |

Table 7-193. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Primary (RU26/RU52)

|  | Frequency <br> [MHz] | Channel | $802.11$ MODE | Mode | RU Size | RU Index | Data Rate [Mbps] | Antenna WF5B Power Density <br> [dBm/MHz] | Antenna WF8 Power Density [dBm/MHz] | Summed Power Density [dBm/MHz] | Directoinal Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | ISED Max e.i.r.p. Power Density [dBm/MHz] | Margin [dB] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5180 | 36 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 2.32 | 1.96 | 5.15 | 1.60 | 6.75 | 10.0 | -3.25 |
|  | 5200 | 40 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 1.82 | 2.05 | 4.95 | 1.60 | 6.55 | 10.0 | -3.45 |
|  | 5240 | 48 | ax (20MHz) | SDM | 242 | 61 | 243.8/286.8 (MCS11) | 1.71 | 1.92 | 4.83 | 1.60 | 6.43 | 10.0 | -3.57 |
|  | 5190 | 38 | ax (40MHz) | CDD | 484 | 65 | 487.5/573.5 (MCS11) | -1.42 | -1.02 | 1.79 | 4.61 | 6.41 | 10.0 | -3.59 |
|  | 5230 | 46 | ax (40MHz) | SDM | 484 | 65 | 487.5/573.5 (MCS11) | 2.06 | 2.43 | 5.26 | 1.60 | 6.86 | 10.0 | -3.14 |
|  | 5210 | 42 | ax (80MHz) | CDD | 996 | 67 | 1020.8/1201 (MCS11) | -5.09 | -5.16 | -2.12 | 4.61 | 2.49 | 10.0 | -7.51 |
| Band 1/2A | 5250 | 50 | ax (160MHz) | CDD | $996 \times 2$ | 68 | 2041.6/2402 (MCS11) | -10.28 | -9.53 | -6.88 | 4.61 | -2.27 | 10.0 | -12.27 |

Table 7-194. ISED Band 1 e.i.r.p. Power Spectral Density Measurements SDM Primary (Fully-loaded RU)

| FCC ID: BCGA2836 <br> IC: 579C-A2836 | element | MEASUREMENT REPORT <br> (CERTIFICATION) | Approved by: <br> Technical Manager |
| :--- | :--- | :--- | :--- |
| Test Report S/N: | Test Dates: | EUT Type: | Page 199 of 455 |
| 1C2311270067-12.BCG | $1 / 8 / 2024-3 / 18 / 2024$ | Tablet Device |  |

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.


[^0]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^1]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^2]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^3]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^4]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^5]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^6]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^7]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^8]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^9]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

[^10]:    Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

