

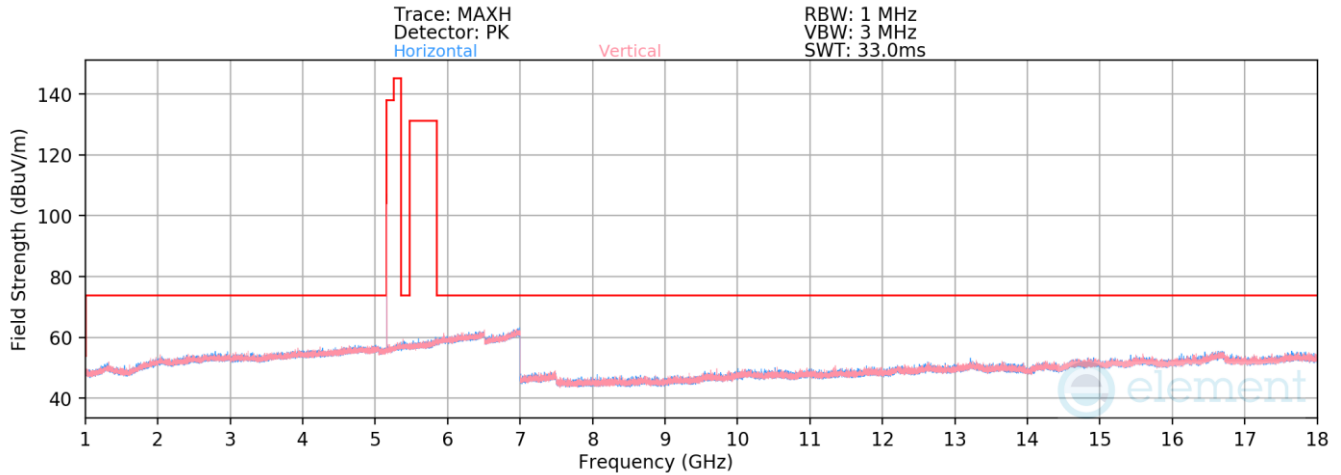
**Plot 7-208. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII BDR ePA – 5245MHz)**

Mode: BDR  
 Data Rate: 1Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5245MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10490.00        | Peak     | H               | -                   | -                          | -65.98               | 7.99        | 49.01                   | 68.23          | -19.22      |
| * 15735.00      | Avg      | V               | -                   | -                          | -80.99               | 15.98       | 41.99                   | 53.98          | -11.99      |
| * 15735.00      | Peak     | V               | -                   | -                          | -69.80               | 15.98       | 53.18                   | 73.98          | -20.80      |

**Table 7-42. Radiated Spurious Emissions Measurements TxBF**

|  |   |   |  |
|--|---|---|--|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 155 of 191                          |



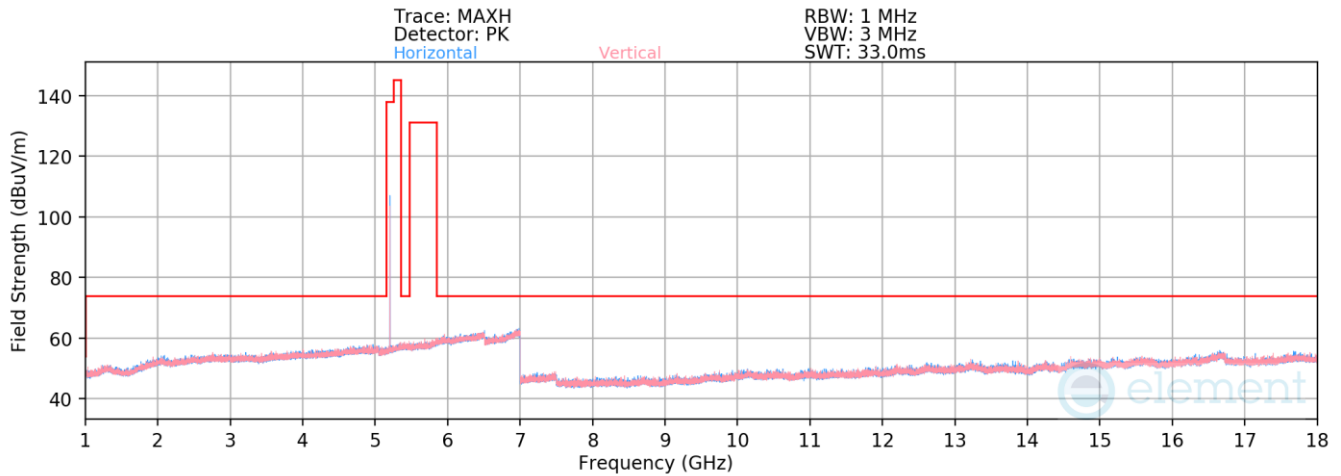
**Plot 7-209. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII HDR4 ePA – 5162MHz)**

Mode: HDR4  
 Data Rate: 4Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5162MHz

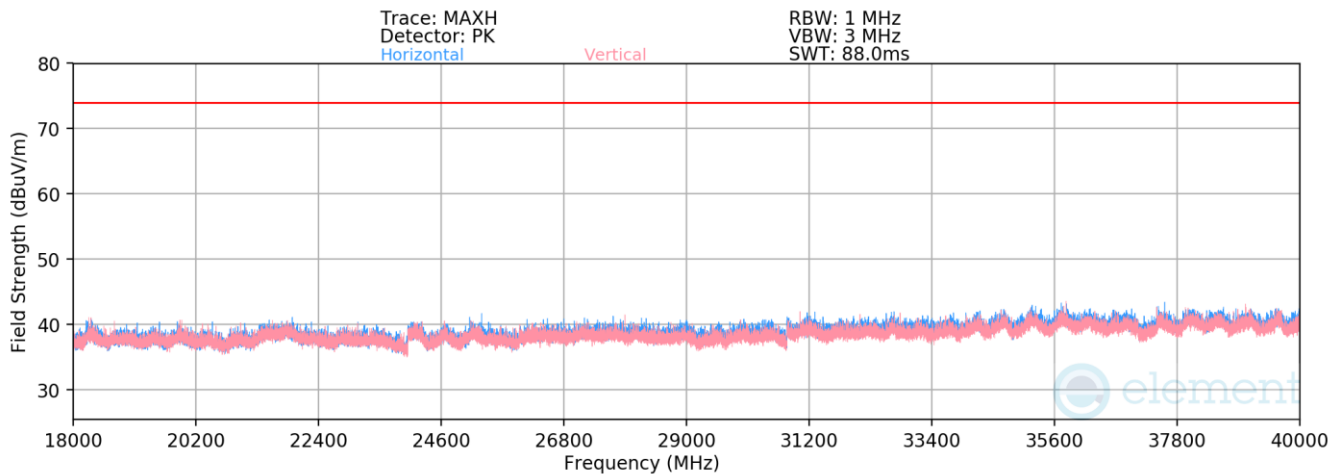
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10324.00        | Peak     | H               | -                   | -                          | -67.08               | 8.10        | 48.02                   | 68.23          | -20.21      |
| * 15486.00      | Avg      | H               | -                   | -                          | -80.41               | 15.54       | 42.13                   | 53.98          | -11.85      |
| * 15486.00      | Peak     | H               | -                   | -                          | -70.07               | 15.54       | 52.47                   | 73.98          | -21.51      |

**Table 7-43. Radiated Spurious Emissions Measurements TxBF**

|  |   |                            |                                   |
|--|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 156 of 191                   |



**Plot 7-210. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII HDR4 ePA – 5204MHz)**



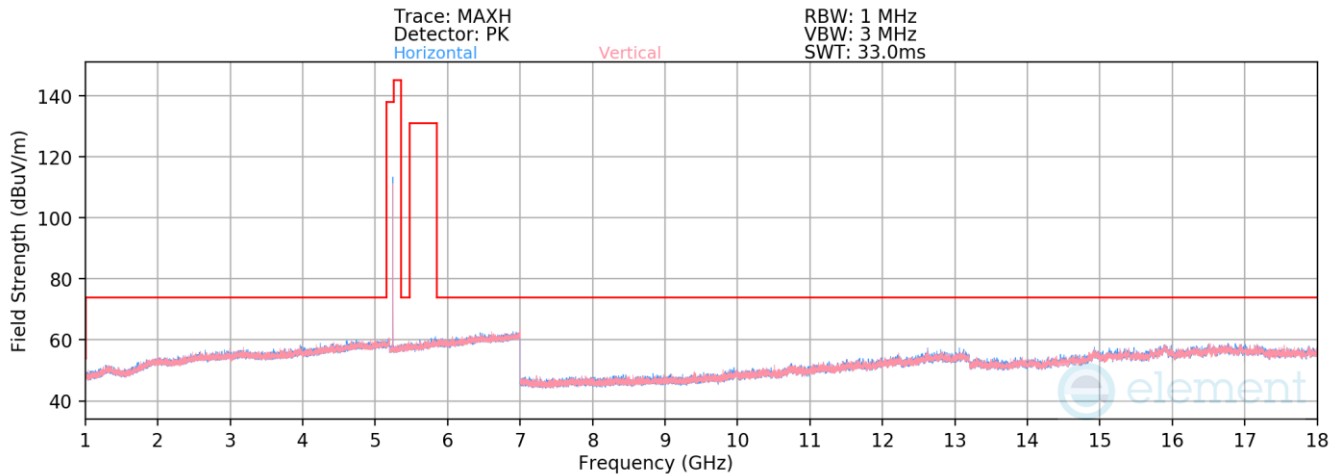
**Plot 7-211. Radiated Spurious Emissions 18-40GHz Tx BF (NB UNII HDR4 ePA – 5204MHz)**

Mode: HDR4  
 Data Rate: 4Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5204MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10408.00        | Peak     | H               | -                   | -                          | -66.41               | 7.76        | 48.35                   | 68.23          | -19.88      |
| * 15612.00      | Avg      | V               | -                   | -                          | -80.94               | 15.91       | 41.97                   | 53.98          | -12.01      |
| * 15612.00      | Peak     | V               | -                   | -                          | -69.89               | 15.91       | 53.02                   | 73.98          | -20.96      |

**Table 7-44. Radiated Spurious Emissions Measurements TxBF**

|  |   |                                       |  |                                   |
|--|---|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            |  | Page 157 of 191                   |



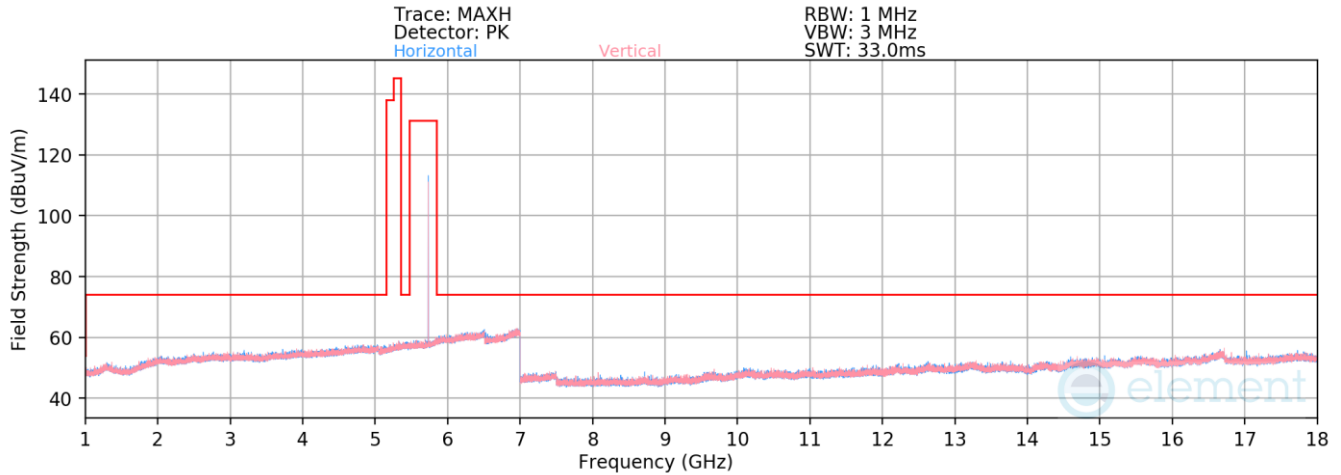
**Plot 7-212. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII HDR4 ePA – 5245MHz)**

Mode: HDR4  
 Data Rate: 4Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5245MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 10490.00        | Peak     | H               | -                   | -                          | -71.21               | 14.94       | 50.73                   | 68.23          | -17.50      |
| * 15735.00      | Avg      | V               | -                   | -                          | -84.92               | 23.90       | 45.98                   | 53.98          | -8.00       |
| * 15735.00      | Peak     | V               | -                   | -                          | -73.52               | 23.90       | 57.38                   | 73.98          | -16.60      |

**Table 7-45. Radiated Spurious Emissions Measurements TxBF**

|  |   |   |  |                                   |
|--|---|---|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT (CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                |  | Page 158 of 191                   |



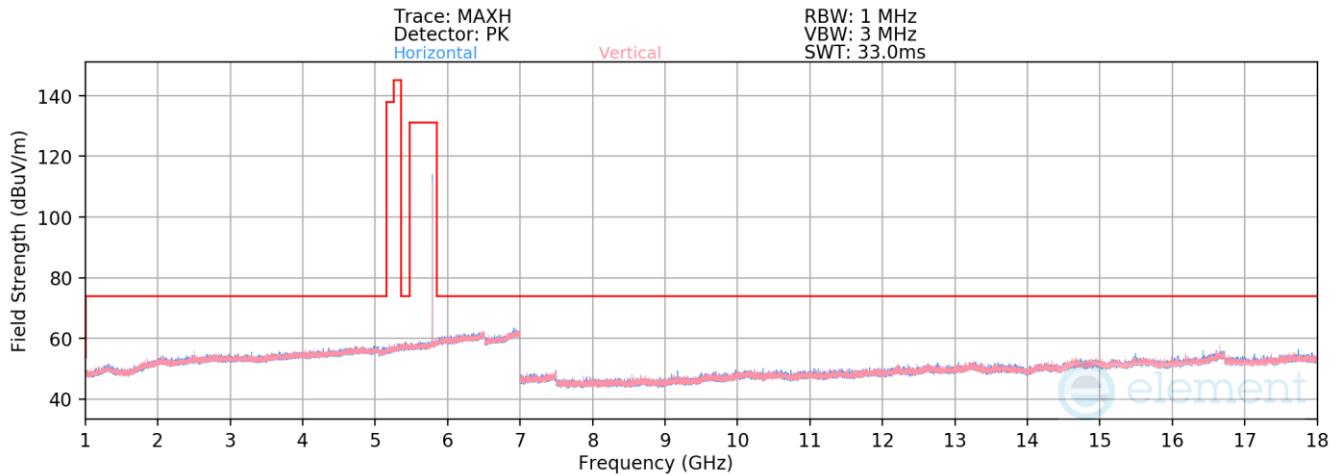
**Plot 7-213. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII BDR ePA – 5733MHz)**

Mode: BDR  
 Data Rate: 1Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5733MHz

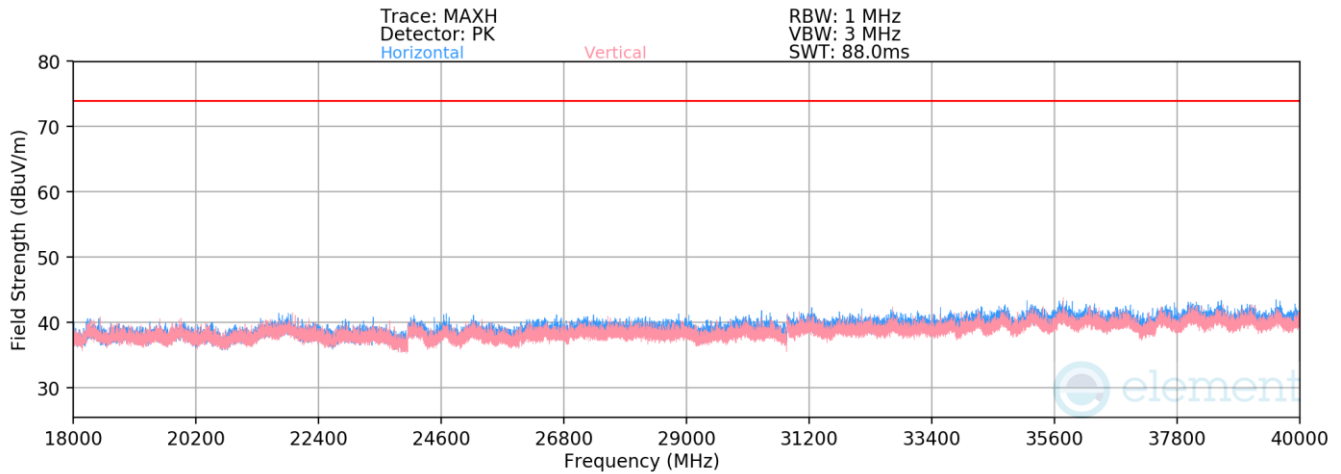
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11466.00      | Avg      | H               | -                   | -                          | -77.81               | 9.57        | 38.76                   | 53.98          | -15.22      |
| * 11466.00      | Peak     | H               | -                   | -                          | -66.75               | 9.57        | 49.82                   | 73.98          | -24.16      |
| 17199.00        | Peak     | V               | -                   | -                          | -70.59               | 18.10       | 54.51                   | 68.23          | -13.72      |

**Table 7-46. Radiated Spurious Emissions Measurements TxBF**

|  |   |                            |                                   |
|--|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 159 of 191                   |



**Plot 7-214. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII BDR ePA – 5789MHz)**



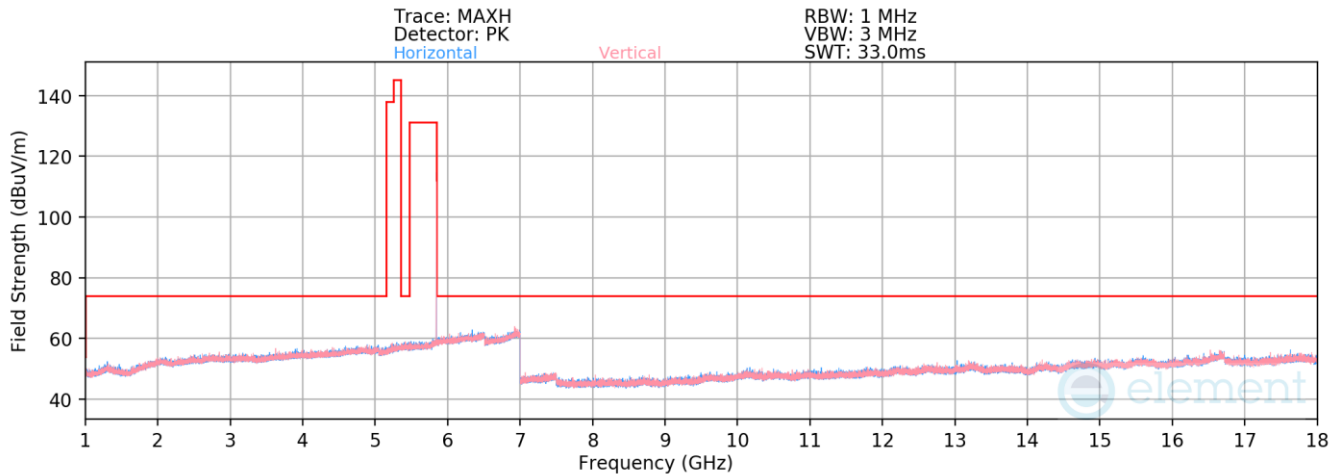
**Plot 7-215. Radiated Spurious Emissions 18-40GHz TxBF (NB UNII BDR ePA – 5789MHz)**

Mode: BDR  
 Data Rate: 1Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5789MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11578.00      | Avg      | H               | -                   | -                          | -77.95               | 9.67        | 38.72                   | 53.98          | -15.26      |
| * 11578.00      | Peak     | H               | -                   | -                          | -67.43               | 9.67        | 49.24                   | 73.98          | -24.74      |
| 17367.00        | Peak     | V               | -                   | -                          | -70.20               | 18.04       | 54.84                   | 68.23          | -13.39      |

**Table 7-47. Radiated Spurious Emissions Measurements TxBF**

|  |   |                                       |  |                                   |
|--|---|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            |  | Page 160 of 191                   |



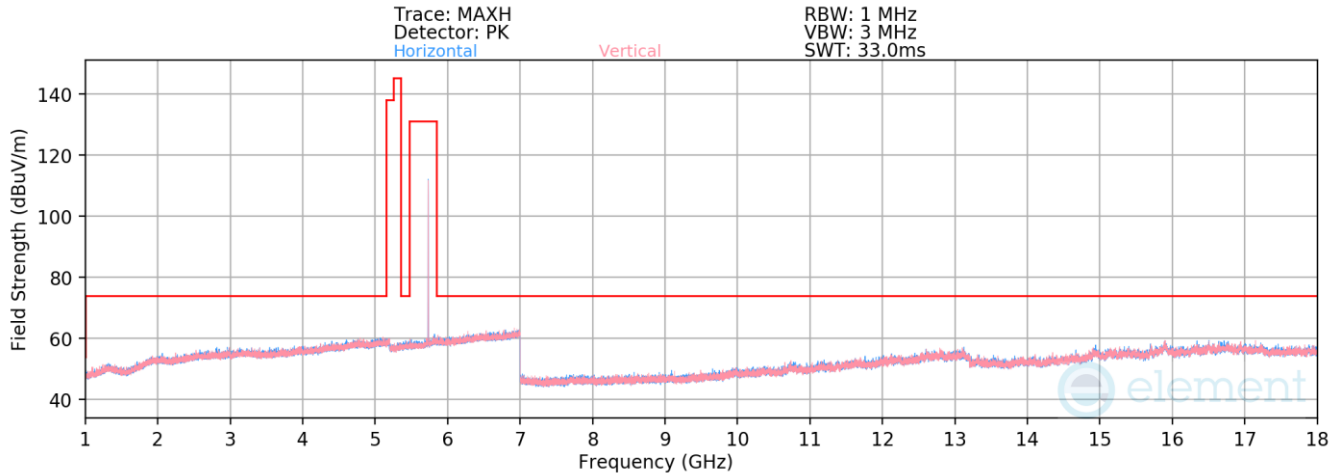
**Plot 7-216. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII BDR ePA – 5844MHz)**

Mode: BDR  
 Data Rate: 1Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5844MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11688.00      | Avg      | H               | -                   | -                          | -78.83               | 10.33       | 38.50                   | 53.98          | -15.48      |
| * 11688.00      | Peak     | H               | -                   | -                          | -67.35               | 10.33       | 49.98                   | 73.98          | -24.00      |
| 17532.00        | Peak     | V               | -                   | -                          | -71.02               | 17.56       | 53.54                   | 68.23          | -14.69      |

**Table 7-48. Radiated Spurious Emissions Measurements TxBF**

|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT (CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                | Page 161 of 191                   |



**Plot 7-217. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII HDR4 ePA – 5733MHz)**

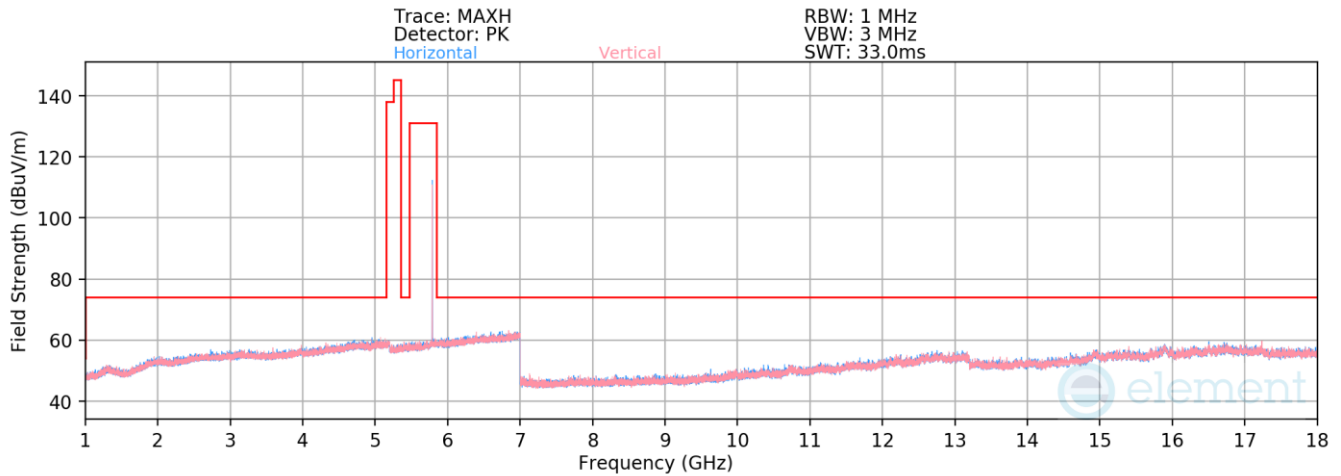
Mode: HDR4  
 Data Rate: 4Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5733MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11466.00      | Avg      | H               | -                   | -                          | -83.27               | 17.25       | 40.98                   | 53.98          | -13.00      |
| * 11466.00      | Peak     | H               | -                   | -                          | -72.19               | 17.25       | 52.06                   | 73.98          | -21.92      |
| 17199.00        | Peak     | H               | -                   | -                          | -73.29               | 24.61       | 58.32                   | 68.23          | -9.91       |

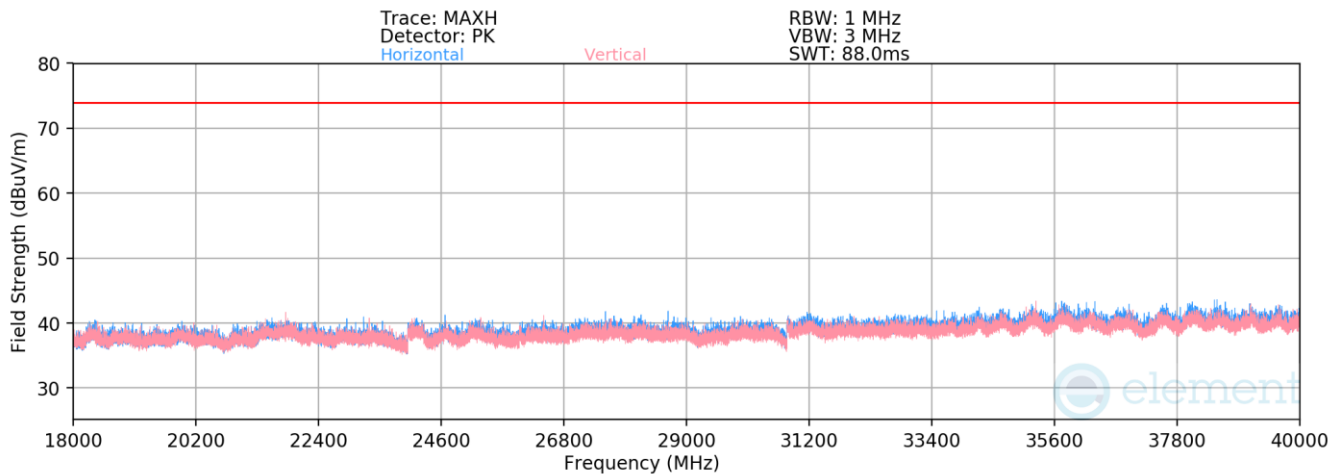
**Table 7-49. Radiated Spurious Emissions Measurements TxBF**

|  |   |                            |                                       |                                   |
|--|---|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 162 of 191                       |                                   |





**Plot 7-218. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII HDR4 ePA – 5789MHz)**



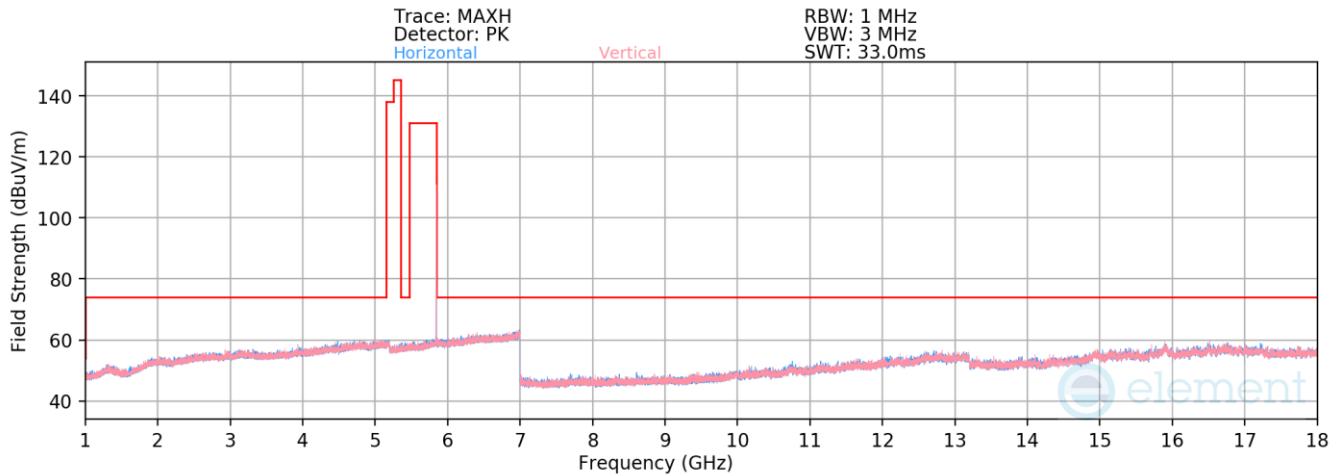
**Plot 7-219. Radiated Spurious Emissions 18-40GHz TxBF (NB UNII HDR4 ePA – 5789MHz)**

Mode: HDR4  
 Data Rate: 4Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5789MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11578.00      | Avg      | V               | -                   | -                          | -83.12               | 17.13       | 41.01                   | 53.98          | -12.97      |
| * 11578.00      | Peak     | V               | -                   | -                          | -71.90               | 17.13       | 52.23                   | 73.98          | -21.75      |
| 17367.00        | Peak     | H               | -                   | -                          | -73.64               | 24.57       | 57.93                   | 68.23          | -10.30      |

**Table 7-50. Radiated Spurious Emissions Measurements TxBF**

|  |   |                                       |  |                                   |
|--|---|---------------------------------------|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            |  | Page 163 of 191                   |



**Plot 7-220. Radiated Spurious Emissions 1-18GHz TxBF (NB UNII HDR4 ePA – 5844MHz)**

Mode: HDR4  
 Data Rate: 4Mbps  
 Power Scheme: ePA  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5844MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 11688.00      | Avg      | V               | -                   | -                          | -83.71               | 17.92       | 41.21                   | 53.98          | -12.77      |
| * 11688.00      | Peak     | V               | -                   | -                          | -72.07               | 17.92       | 52.85                   | 73.98          | -21.13      |
| 17532.00        | Peak     | V               | -                   | -                          | -72.02               | 24.88       | 59.86                   | 68.23          | -8.37       |

**Table 7-51. Radiated Spurious Emissions Measurements TxBF**

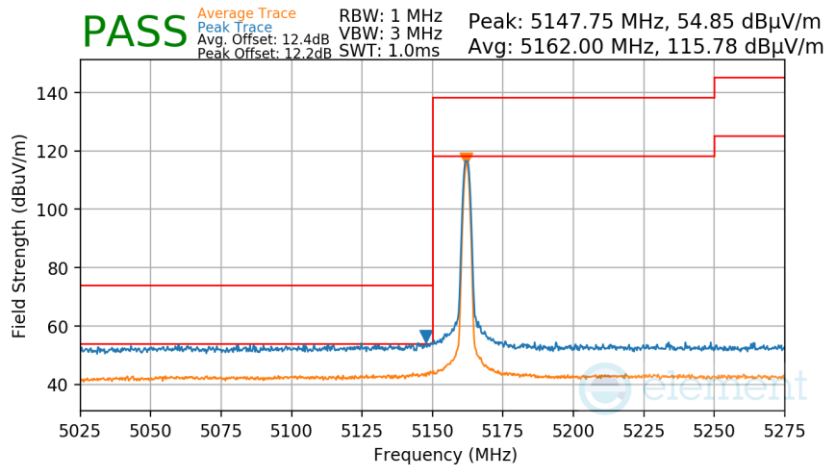
|   |   |   |  |
|---|---|---|--|
| FCC ID: BCGA2993                                  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2405200017-08-R1.BCG | <b>Test Dates:</b><br>5/20/2024 - 7/26/2024   | <b>EUT Type:</b><br>Tablet Device             | Page 164 of 191                          |

## 7.6.4 Radiated Band Edge Measurements

§15.407(b.1) §15.205 §15.209; RSS-Gen [8.9]

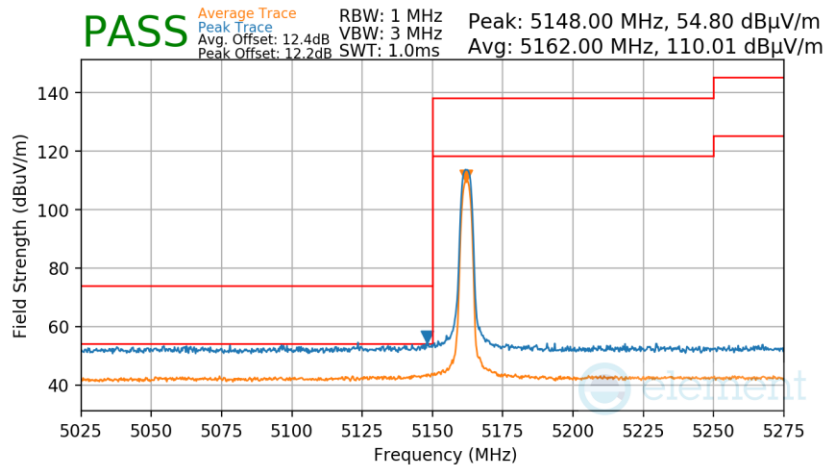
### Antenna WF5T

Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-221. Radiated Lower Band Edge Measurement Antenna WF5T**

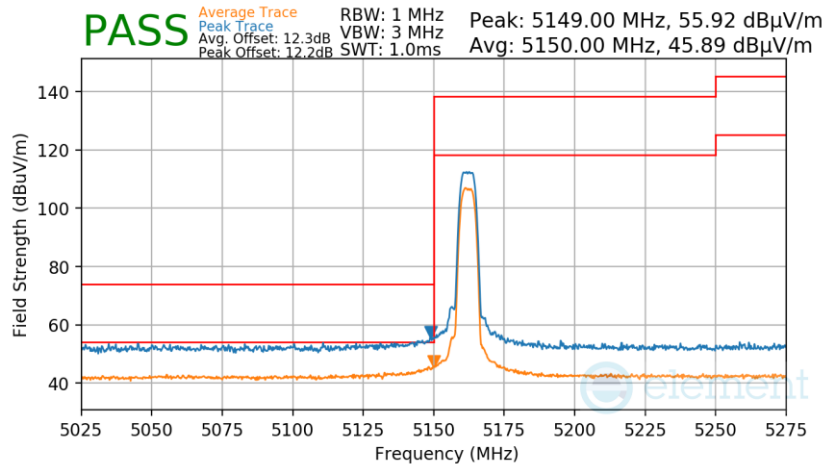
Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-222. Radiated Lower Band Edge Measurement Antenna WF5T**

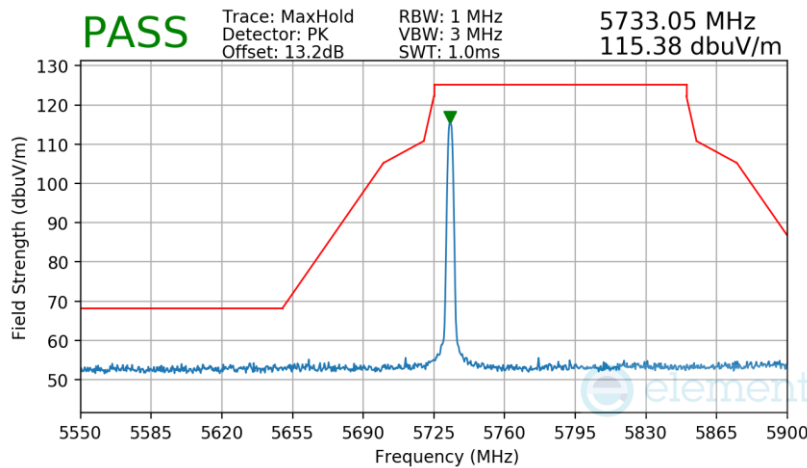
|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            | Page 165 of 191                   |

Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-223. Radiated Lower Band Edge Measurement Antenna WF5T**

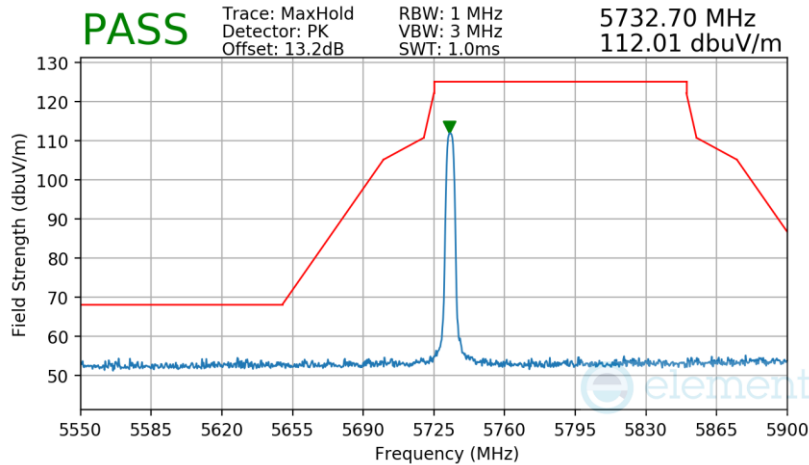
Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-224. Radiated Lower Band Edge Measurement Antenna WF5T**

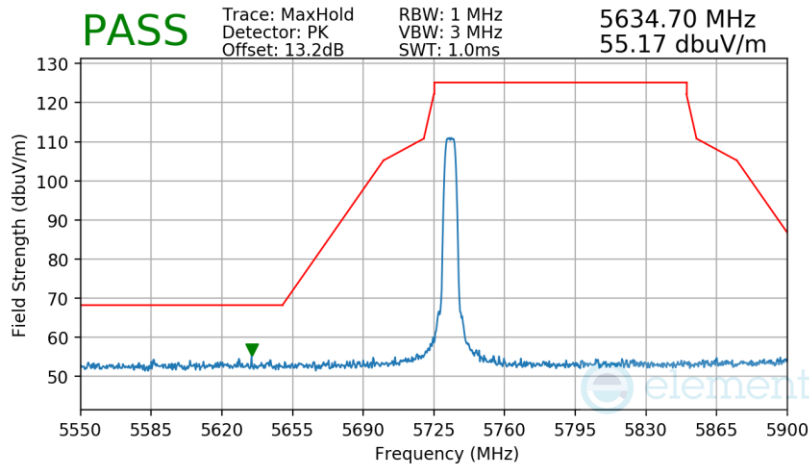
|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 166 of 191                   |

Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-225. Radiated Lower Band Edge Measurement Antenna WF5T**

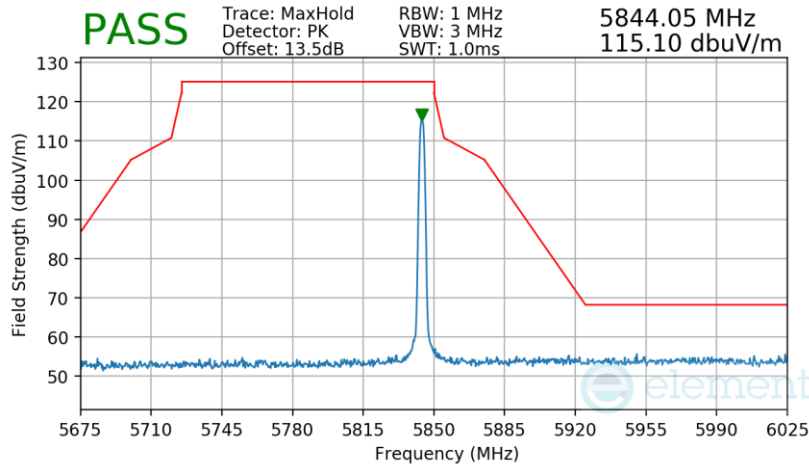
Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-226. Radiated Lower Band Edge Measurement Antenna WF5T**

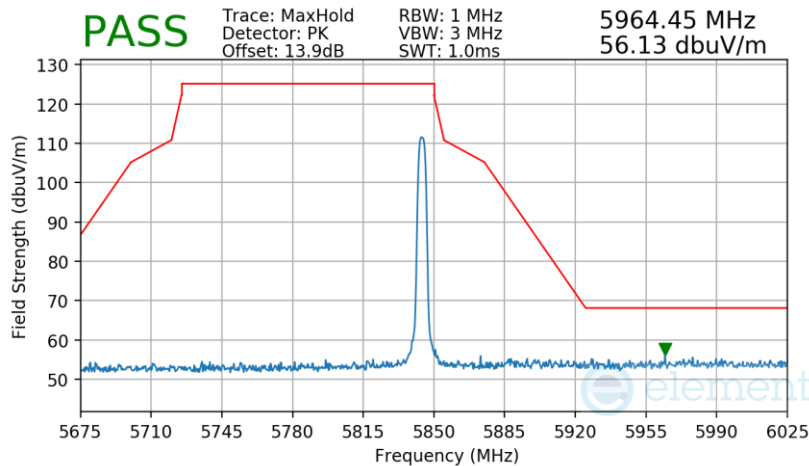
|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 167 of 191                   |

Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-227. Radiated Upper Band Edge Measurement Antenna WF5T**

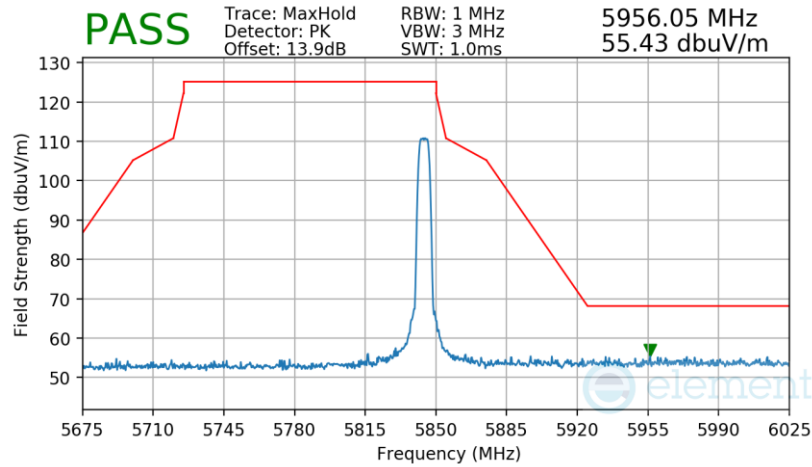
Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-228. Radiated Upper Band Edge Measurement Antenna WF5T**

|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 168 of 191                   |

Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-229. Radiated Upper Band Edge Measurement Antenna WF5T**

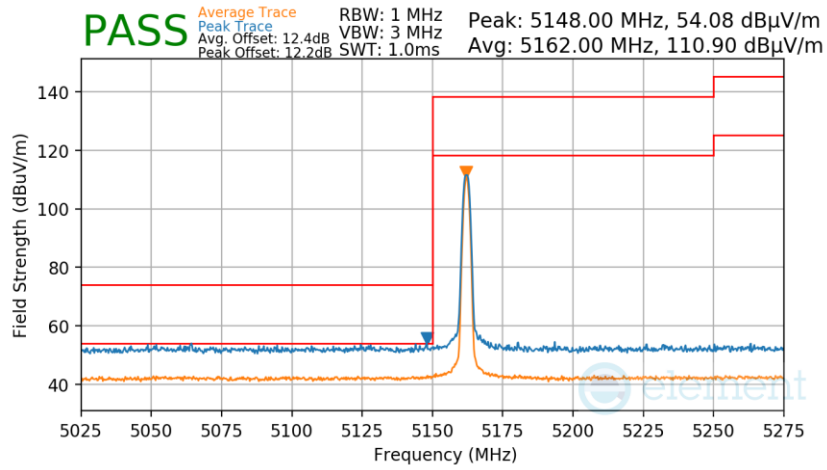
|  |   |                            |                                   |
|--|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 169 of 191                   |

## Radiated Band Edge Measurements

§15.407(b.1)(b.2) §15.205 §15.209

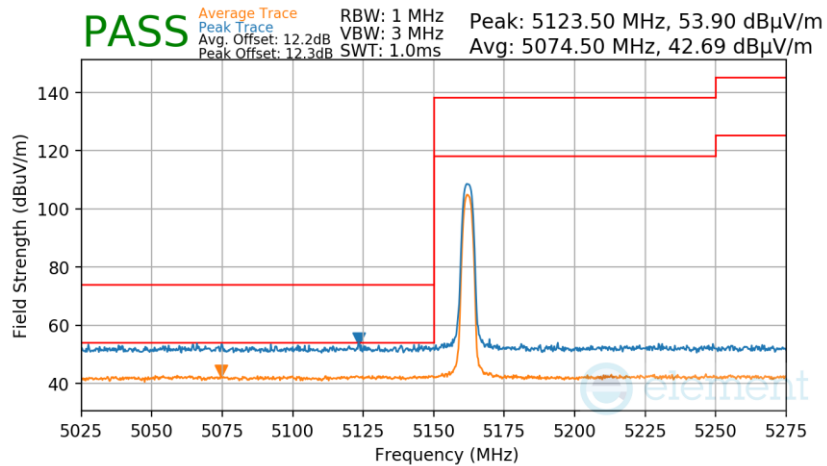
### Antenna WF2

Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-230. Radiated Lower Band Edge Measurement Antenna WF2**

Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz

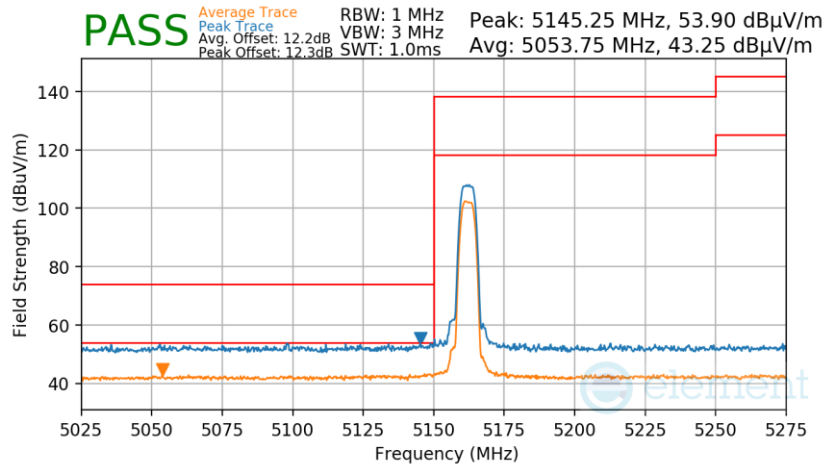


**Plot 7-231. Radiated Lower Band Edge Measurement Antenna WF2**

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            | Page 170 of 191                   |

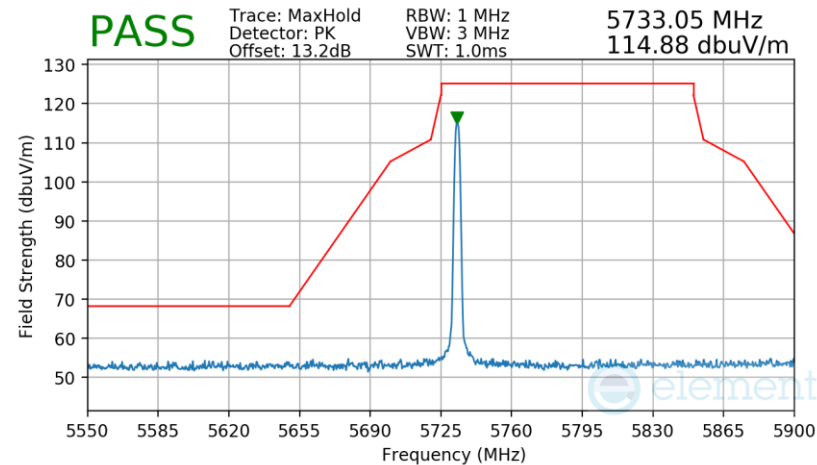


Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-232. Radiated Lower Band Edge Measurement Antenna WF2**

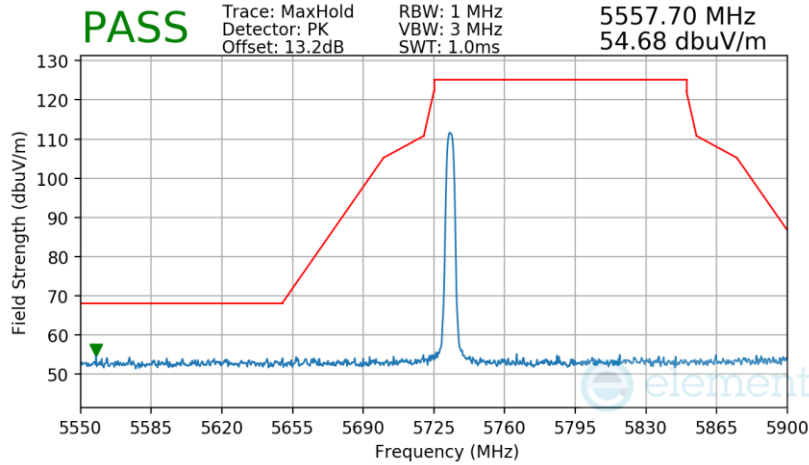
Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-233. Radiated Lower Band Edge Measurement Antenna WF2**

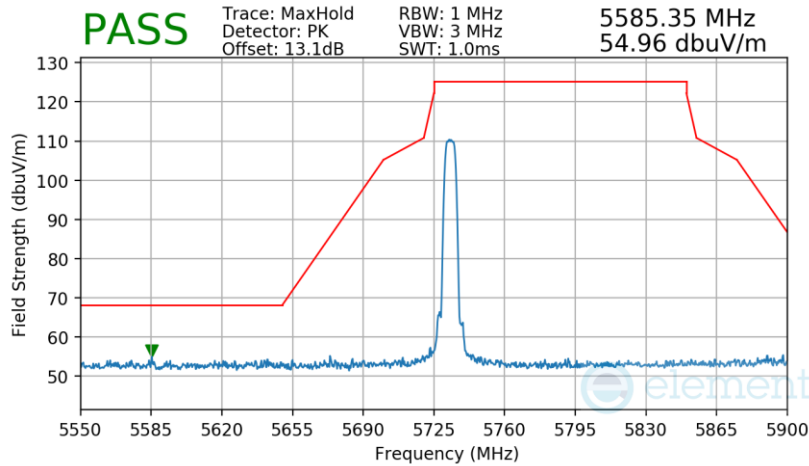
|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 171 of 191                   |

Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-234. Radiated Lower Band Edge Measurement Antenna WF2**

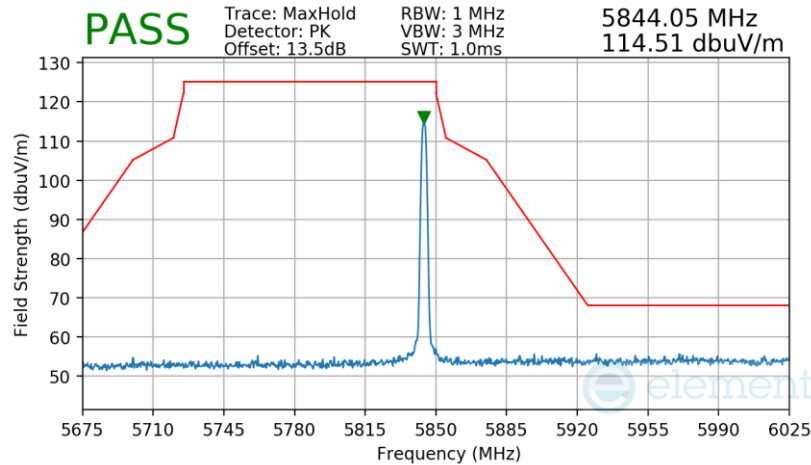
Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-235. Radiated Lower Band Edge Measurement Antenna WF2**

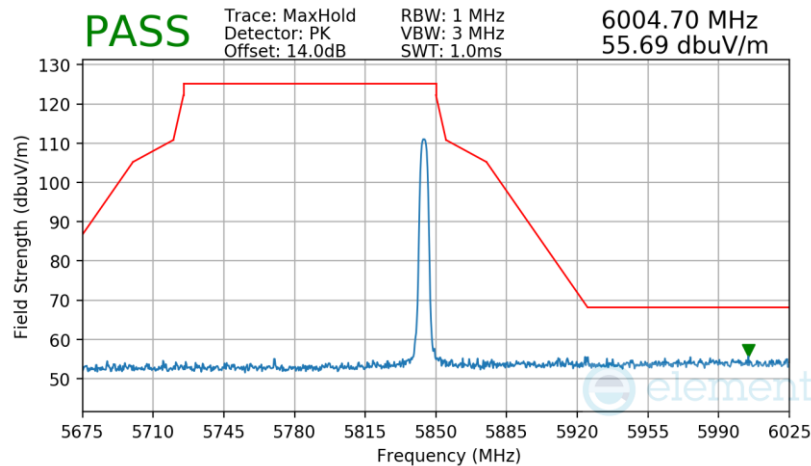
|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 172 of 191                   |

Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-236. Radiated Upper Band Edge Measurement Antenna WF2**

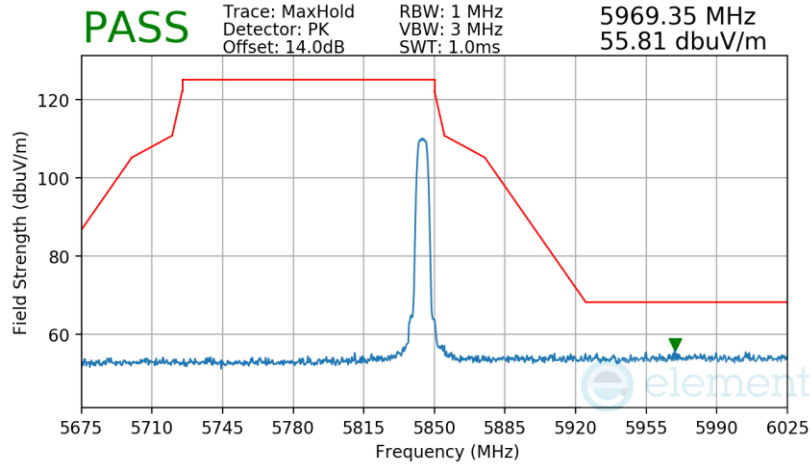
Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-237. Radiated Upper Band Edge Measurement Antenna WF2**

|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 173 of 191                   |

Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-238. Radiated Upper Band Edge Measurement Antenna WF2**

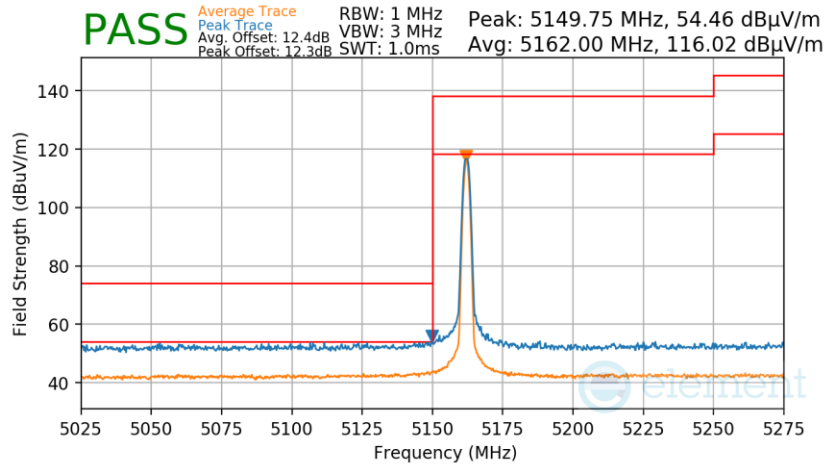
|  |   |                            |                                   |
|--|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 174 of 191                   |

# Radiated Band Edge Measurements

§15.407(b.1)(b.2) §15.205 §15.209

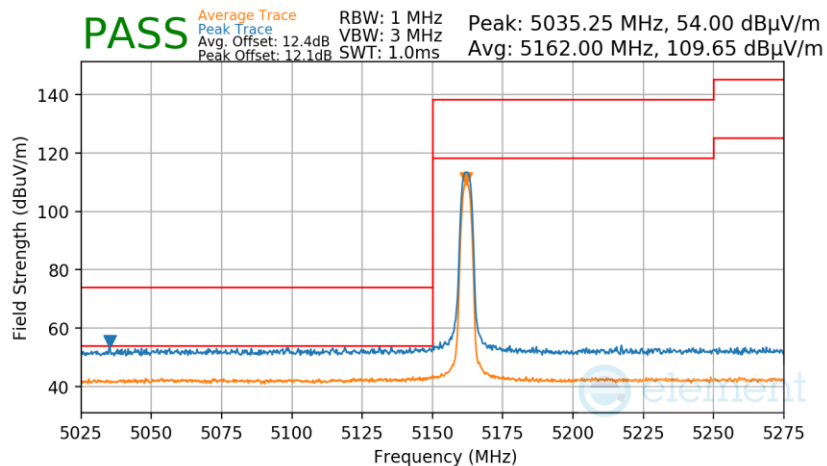
## TxBF

Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-239. Radiated Lower Band Edge Measurement Antenna TxBF**

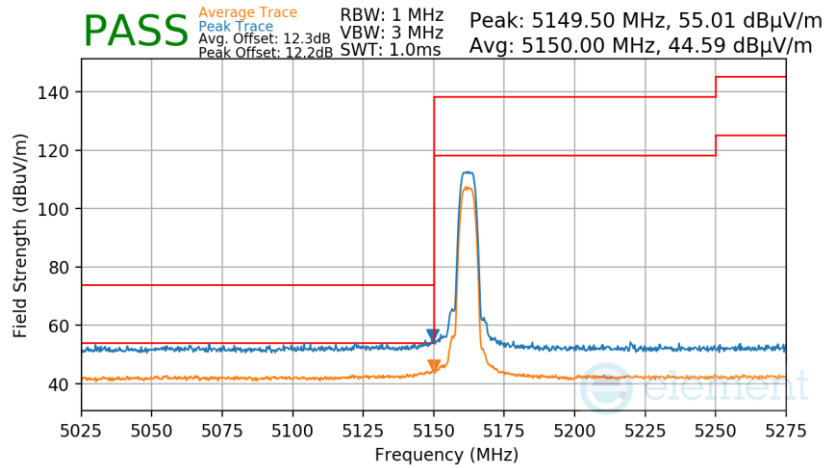
Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-240. Radiated Lower Band Edge Measurement Antenna TxBF**

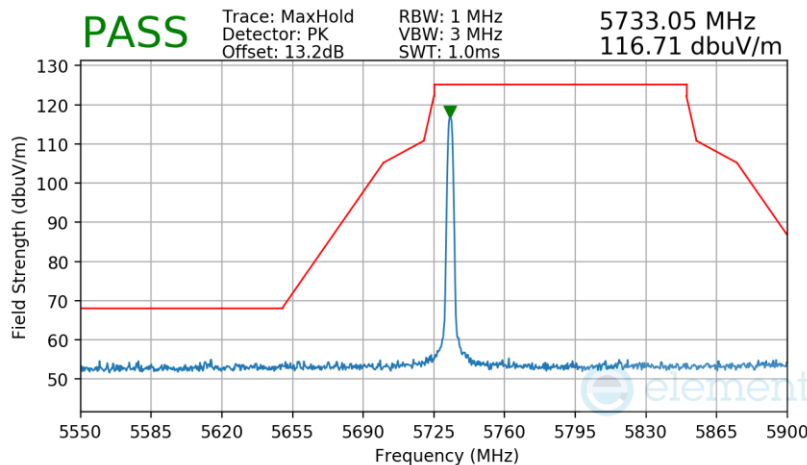
|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            | Page 175 of 191                   |

Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5162MHz



**Plot 7-241. Radiated Lower Band Edge Measurement Antenna TxBF**

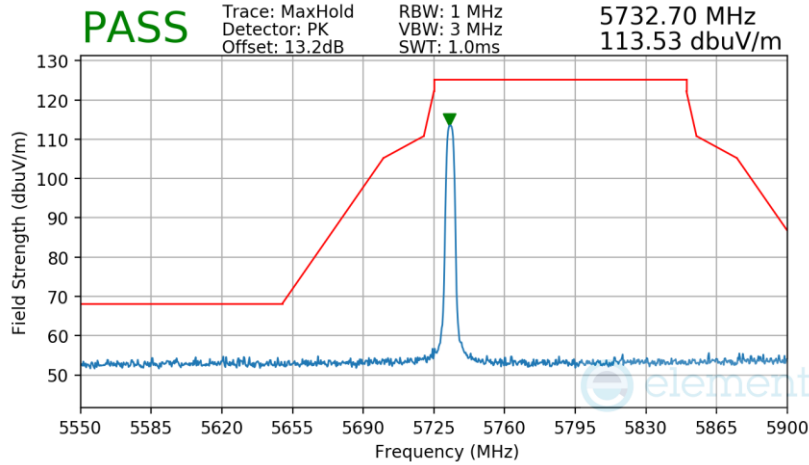
Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-242. Radiated Lower Band Edge Measurement Antenna TxBF**

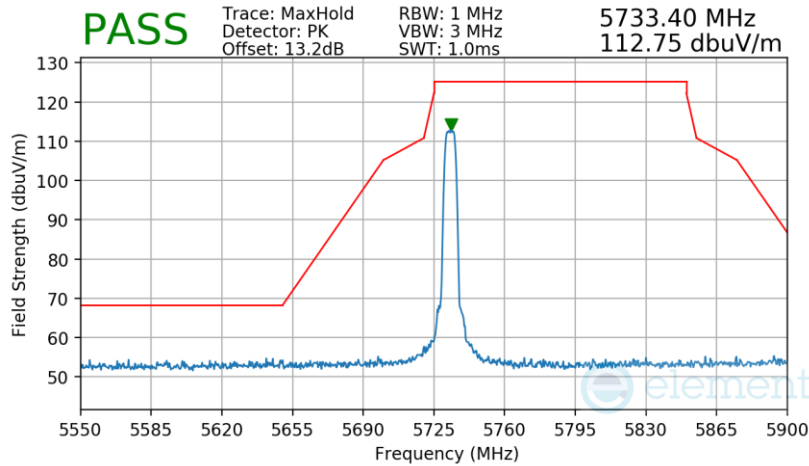
|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 176 of 191                   |

Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-243. Radiated Lower Band Edge Measurement Antenna TxBF**

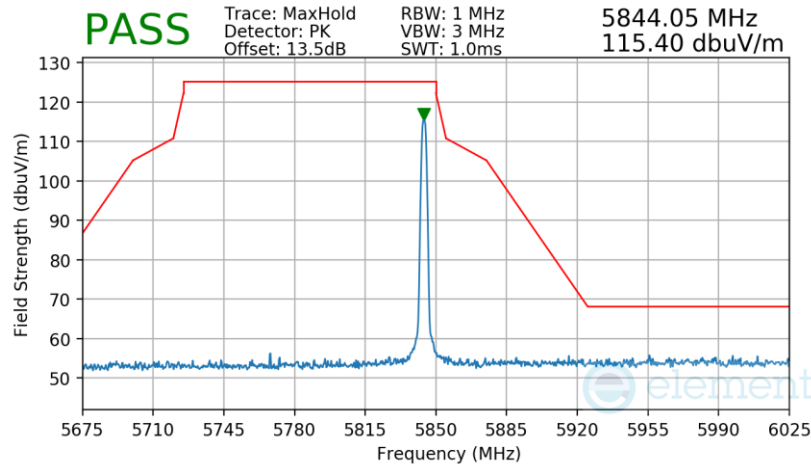
Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5733MHz



**Plot 7-244. Radiated Lower Band Edge Measurement Antenna TxBF**

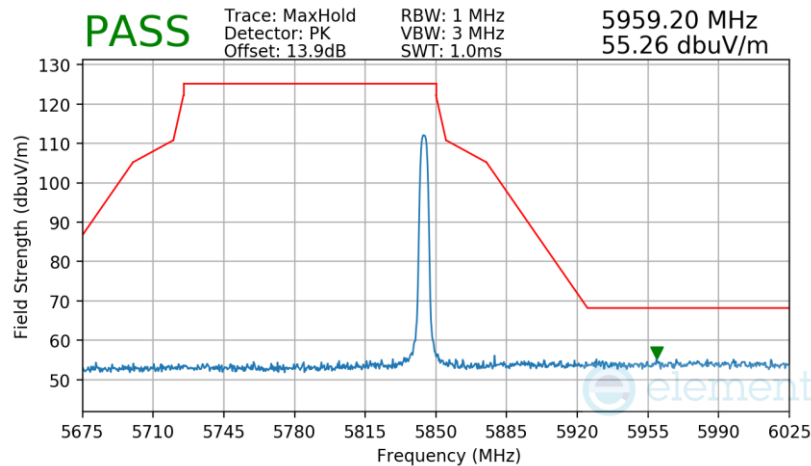
|  |   |   |  |                                   |
|--|---|---|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    |  | Page 177 of 191                   |

Mode: BDR  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-245. Radiated Upper Band Edge Measurement Antenna TxBF**

Mode: HDR4  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz

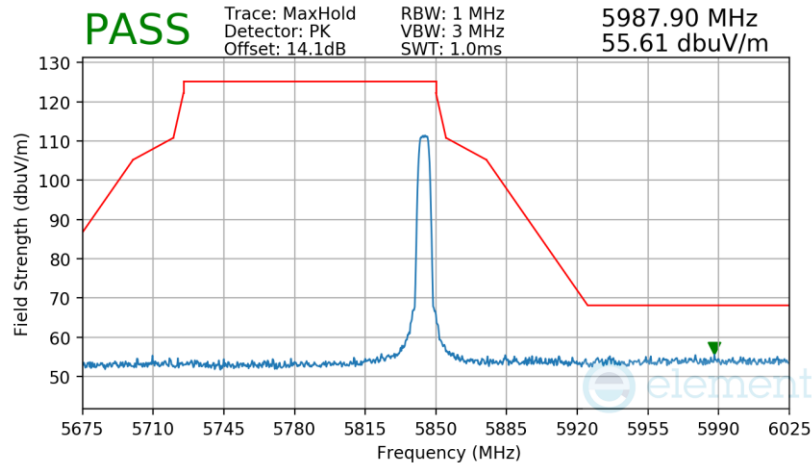


**Plot 7-246. Radiated Upper Band Edge Measurement Antenna TxBF**

|  |   |   |                                   |
|--|---|---|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    | Page 178 of 191                   |



Mode: HDR8  
 Power Scheme: ePA  
 Measurement Distance: 3 Meters  
 Operating Frequency: 5844MHz



**Plot 7-247. Radiated Upper Band Edge Measurement Antenna TxBF**

|  |   |                            |                                   |
|--|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 179 of 191                   |

## 7.6 Radiated Spurious Emissions – Below 1GHz

§15.209

### Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

***All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 must not exceed the limits shown in Table 7-52 per Section 15.209.***

| Frequency         | Field Strength<br>[ $\mu\text{V/m}$ ] | Measured Distance<br>[Meters] |
|-------------------|---------------------------------------|-------------------------------|
| 0.009 – 0.490 MHz | 2400/F (kHz)                          | 300                           |
| 0.490 – 1.705 MHz | 24000/F (kHz)                         | 30                            |
| 1.705 – 30.00 MHz | 30                                    | 30                            |
| 30.00 – 88.00 MHz | 100                                   | 3                             |
| 88.00 – 216.0 MHz | 150                                   | 3                             |
| 216.0 – 960.0 MHz | 200                                   | 3                             |
| Above 960.0 MHz   | 500                                   | 3                             |

**Table 7-52. Radiated Limits**

### Test Procedures Used

ANSI C63.10-2020

### Test Settings

#### Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

#### Peak Field Strength Measurements

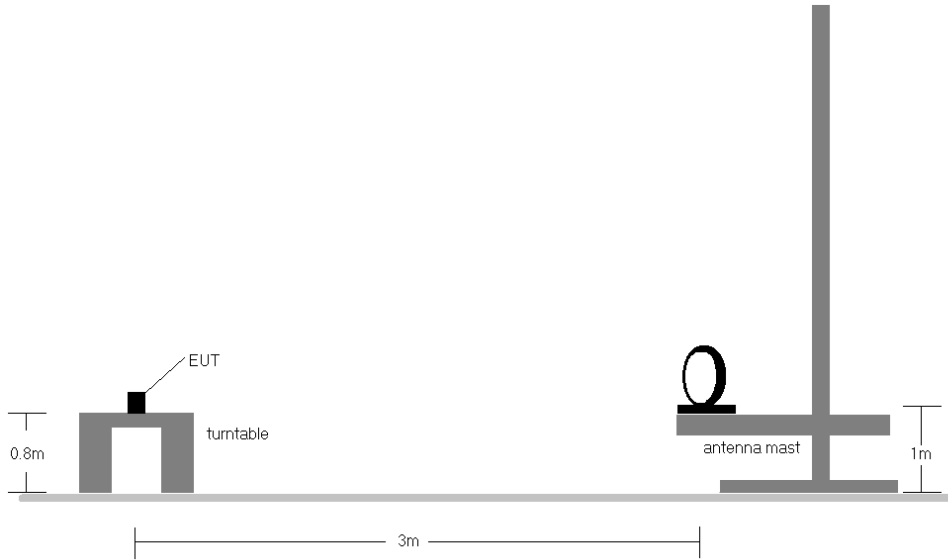
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            | Page 180 of 191                   |

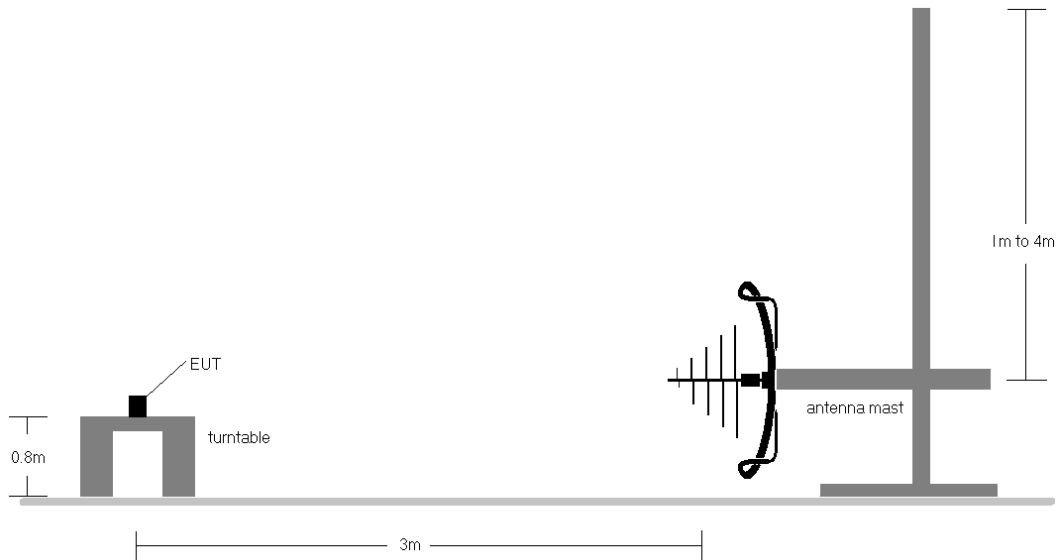
V 10.6 10/27/2023

**Test Setup**

The EUT and measurement equipment were set up as shown in the diagrams below.



**Figure 7-6. Radiated Test Setup < 30MHz**



**Figure 7-7. Radiated Test Setup < 1GHz**

|  |   |                            |  |
|--|---|----------------------------|--|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 181 of 191                          |

V 10.6 10/27/2023

**Test Notes**

1. All emissions lying in restricted bands specified in §15.205 are below the limit shown in Table 7-52.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector for emissions within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. All supported modulation and power schemes have been tested on the unit and only worst case configuration is reported.
10. Both configurations below were investigated, and the worst case has been reported.
  - a. EUT powered by AC/DC adaptor to USB-C cable with wire charger
  - b. EUT powered by host PC via USB-C cable with wire charger

**Sample Calculations**

**Determining Spurious Emissions Levels**

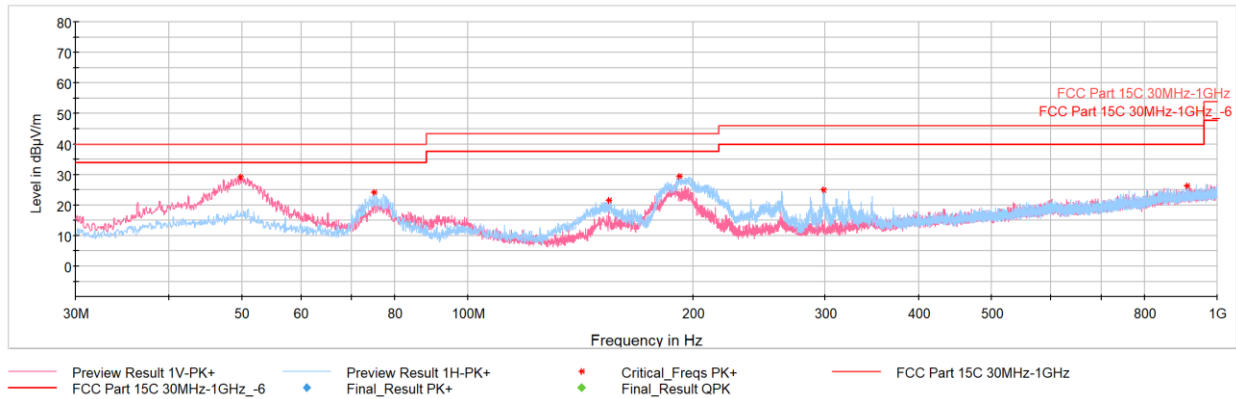
- Field Strength Level  $_{[dB_{\mu V/m}]} = \text{Analyzer Level }_{[dBm]} + 107 + \text{AFCL }_{[dB/m]}$
- $\text{AFCL }_{[dB/m]} = \text{Antenna Factor }_{[dB/m]} + \text{Cable Loss }_{[dB]} - \text{Preamplifier Gain }_{[dB]}$
- $\text{Margin }_{[dB]} = \text{Field Strength Level }_{[dB_{\mu V/m}]} - \text{Limit }_{[dB_{\mu V/m}]}$

|  |   |                            |  |
|--|---|----------------------------|--|
| FCC ID: BCGA2993                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 182 of 191                          |

# Radiated Spurious Emissions (Below 1GHz)

§15.209

## TxBF

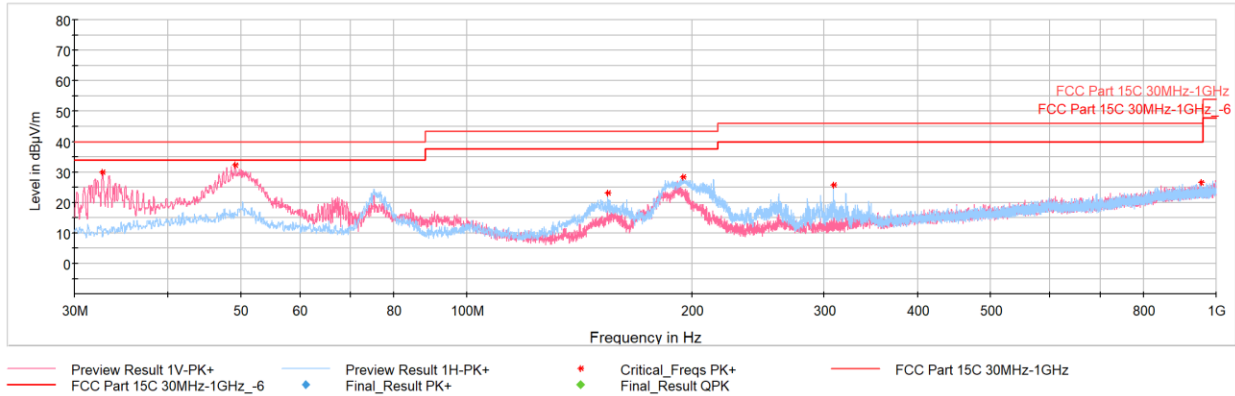


**Plot 7-248. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII BDR ePA – 5204MHz), with AC/DC adaptor to USB-C cable with wire charger**

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 49.74           | Max Peak | V               | 100                 | 64                         | -65.12               | -12.80      | 29.08                   | 40.00          | -10.92      |
| 75.15           | Max Peak | H               | 200                 | 101                        | -62.33               | -20.35      | 24.32                   | 40.00          | -15.68      |
| 154.26          | Max Peak | H               | 200                 | 175                        | -66.11               | -19.33      | 21.56                   | 43.52          | -21.96      |
| 191.36          | Max Peak | H               | 200                 | 334                        | -60.88               | -16.74      | 29.38                   | 43.52          | -14.14      |
| 298.50          | Max Peak | H               | 100                 | 264                        | -68.02               | -13.97      | 25.01                   | 46.02          | -21.01      |
| 911.05          | Max Peak | H               | 100                 | 358                        | -78.75               | -1.95       | 26.30                   | 46.02          | -19.72      |

**Table 7-53. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII BDR ePA – 5204MHz), with AC/DC adaptor to USB-C cable with wire charger**

|  |   |                            |                                       |                                   |
|--|---|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 183 of 191                       |                                   |



**Plot 7-249. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII HDR4 ePA – 5204MHz), with AC/DC adaptor to USB-C cable with wire charger**

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 32.72           | Max Peak | V               | 100                 | 150                        | -61.24               | -15.87      | 29.89                   | 40.00          | -10.11      |
| 49.16           | Max Peak | V               | 100                 | 272                        | -61.68               | -12.84      | 32.48                   | 40.00          | -7.52       |
| 154.26          | Max Peak | H               | 200                 | 161                        | -64.59               | -19.33      | 23.08                   | 43.52          | -20.44      |
| 194.56          | Max Peak | H               | 100                 | 175                        | -62.33               | -16.19      | 28.48                   | 43.52          | -15.04      |
| 308.58          | Max Peak | H               | 100                 | 245                        | -67.51               | -13.64      | 25.85                   | 46.02          | -20.17      |
| 954.85          | Max Peak | H               | 100                 | 340                        | -78.64               | -1.74       | 26.62                   | 46.02          | -19.40      |

**Table 7-54. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII HDR4 ePA – 5204MHz), with AC/DC adaptor to USB-C cable with wire charger**

|  |                                      |                            |   |                 |                                   |
|--|--------------------------------------|----------------------------|---|-----------------|-----------------------------------|
| FCC ID: BCGA2993                           |                                      |                            | <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                 | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024 | EUT Type:<br>Tablet Device |   | Page 184 of 191 |                                   |

## 7.7 AC Line Conducted Emissions Measurement

### §15.207

#### Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for AC Line conducted spurious emissions. All data rates and modes were investigated for AC Line conducted spurious emissions.

**All conducted emissions must not exceed the limits shown in the table below, per Section 15.207.**

| Frequency of emission (MHz) | Conducted Limit (dB $\mu$ V) |           |
|-----------------------------|------------------------------|-----------|
|                             | Quasi-peak                   | Average   |
| 0.15 – 0.5                  | 66 to 56*                    | 56 to 46* |
| 0.5 – 5                     | 56                           | 46        |
| 5 – 30                      | 60                           | 50        |

**Table 7-55. Conducted Limits**

\*Decreases with the logarithm of the frequency.

#### Test Procedures Used

ANSI C63.10-2020, Subclause 6.2

#### Test Settings

##### Quasi-Peak Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

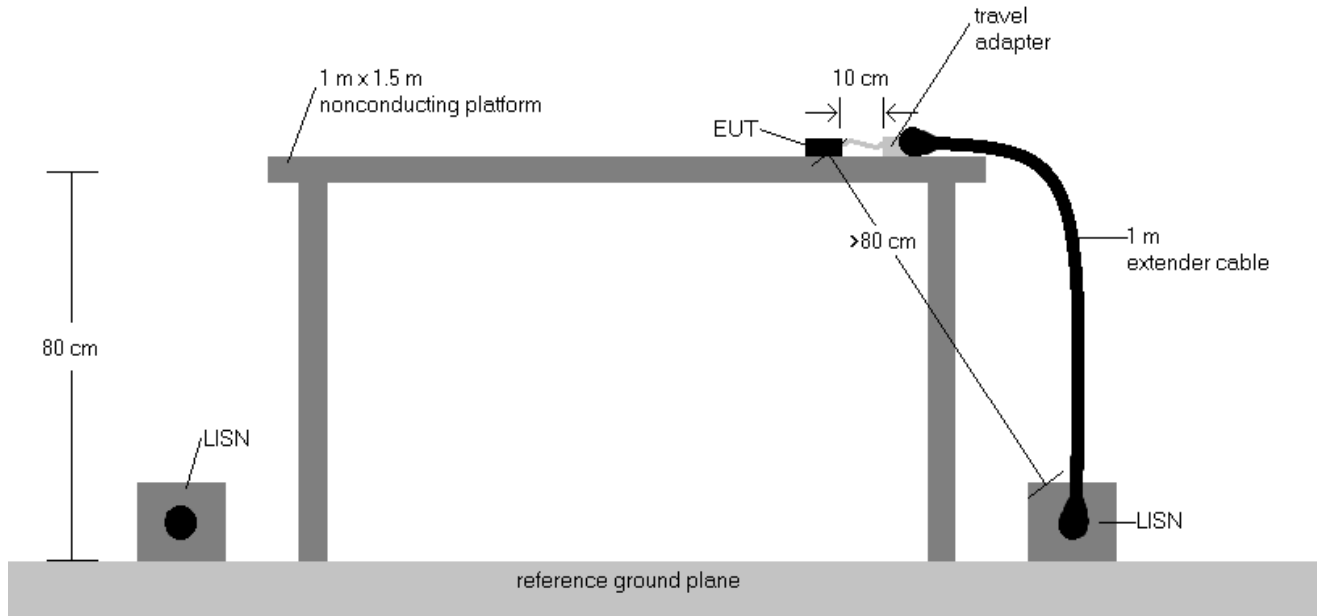
##### Average Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            | Page 185 of 191                   |

## Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-8. Test Instrument & Measurement Setup**

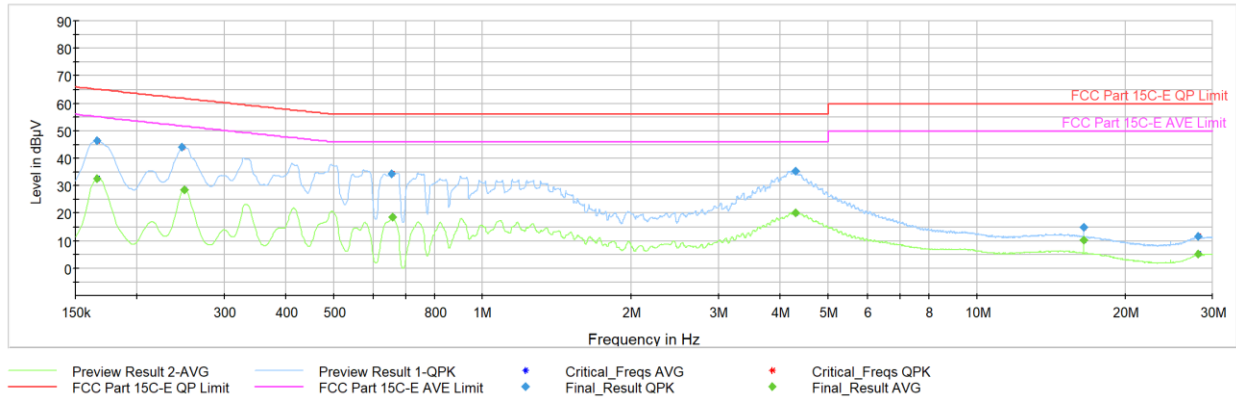
## Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
  - a. EUT powered by AC/DC adaptor to USB-C cable with wire charger
  - b. EUT powered by host PC via USB-C cable with wire charger
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207.
4.  $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5.  $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6.  $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device            | Page 186 of 191                   |

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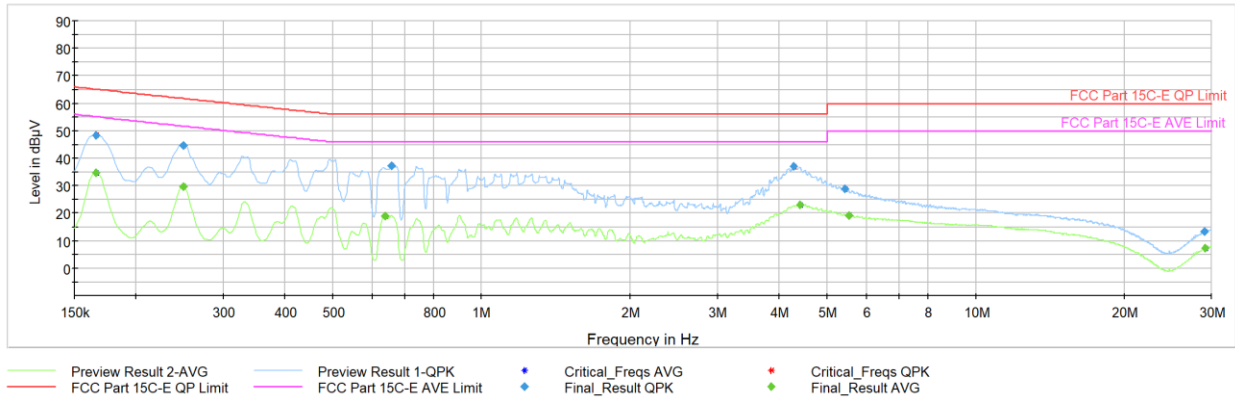


**Plot 7-250. AC Line Conducted Plot TxBF (NB UNII BDR ePA – 5204MHz) (L1) with AC/DC adaptor to USB-C cable with wire charger**

| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.166           | FINAL         | —                | 32.76          | 55.17        | -22.41      | L1   | GND |
| 0.166           | FINAL         | 46.3             | —              | 65.17        | -18.86      | L1   | GND |
| 0.247           | FINAL         | 44.2             | —              | 61.87        | -17.72      | L1   | GND |
| 0.249           | FINAL         | —                | 28.64          | 51.79        | -23.15      | L1   | GND |
| 0.654           | FINAL         | 34.3             | —              | 56.00        | -21.67      | L1   | GND |
| 0.656           | FINAL         | —                | 18.73          | 46.00        | -27.27      | L1   | GND |
| 4.295           | FINAL         | 35.4             | —              | 56.00        | -20.56      | L1   | GND |
| 4.297           | FINAL         | —                | 20.02          | 46.00        | -25.98      | L1   | GND |
| 16.463          | FINAL         | 14.9             | —              | 60.00        | -45.08      | L1   | GND |
| 16.463          | FINAL         | —                | 10.13          | 50.00        | -39.87      | L1   | GND |
| 28.032          | FINAL         | —                | 5.28           | 50.00        | -44.72      | L1   | GND |
| 28.034          | FINAL         | 11.7             | —              | 60.00        | -48.31      | L1   | GND |

**Table 7-56. AC Line Conducted Data TxBF (NB UNII BDR ePA – 5204MHz) (L1) with AC/DC adaptor to USB-C cable with wire charger**

|  |   |                            |                                       |                                   |
|--|---|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 187 of 191                       |                                   |

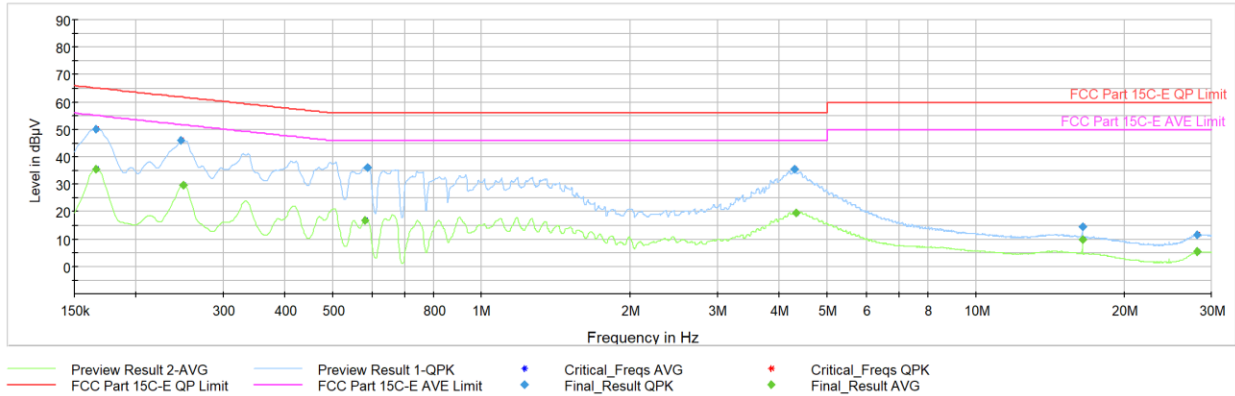


**Plot 7-251. AC Line Conducted Plot TxBF (NB UNII BDR ePA – 5204MHz) (N) with AC/DC adaptor to USB-C cable with wire charger**

| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.166           | FINAL         | —                | 34.88          | 55.17        | -20.29      | N    | GND |
| 0.166           | FINAL         | 48.6             | —              | 65.17        | -16.62      | N    | GND |
| 0.249           | FINAL         | —                | 29.75          | 51.79        | -22.04      | N    | GND |
| 0.249           | FINAL         | 44.7             | —              | 61.79        | -17.06      | N    | GND |
| 0.638           | FINAL         | —                | 19.01          | 46.00        | -26.99      | N    | GND |
| 0.656           | FINAL         | 37.5             | —              | 56.00        | -18.55      | N    | GND |
| 4.283           | FINAL         | 37.1             | —              | 56.00        | -18.90      | N    | GND |
| 4.405           | FINAL         | —                | 23.08          | 46.00        | -22.92      | N    | GND |
| 5.424           | FINAL         | 29.0             | —              | 60.00        | -31.04      | N    | GND |
| 5.525           | FINAL         | —                | 19.16          | 50.00        | -30.84      | N    | GND |
| 29.047          | FINAL         | 13.3             | —              | 60.00        | -46.69      | N    | GND |
| 29.171          | FINAL         | —                | 7.12           | 50.00        | -42.88      | N    | GND |

**Table 7-57. AC Line Conducted TxBF (NB UNII BDR ePA – 5204MHz) (N) with AC/DC adaptor to USB-C cable with wire charger**

|  |   |   |  |                                   |
|--|---|---|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                    |  | Page 188 of 191                   |

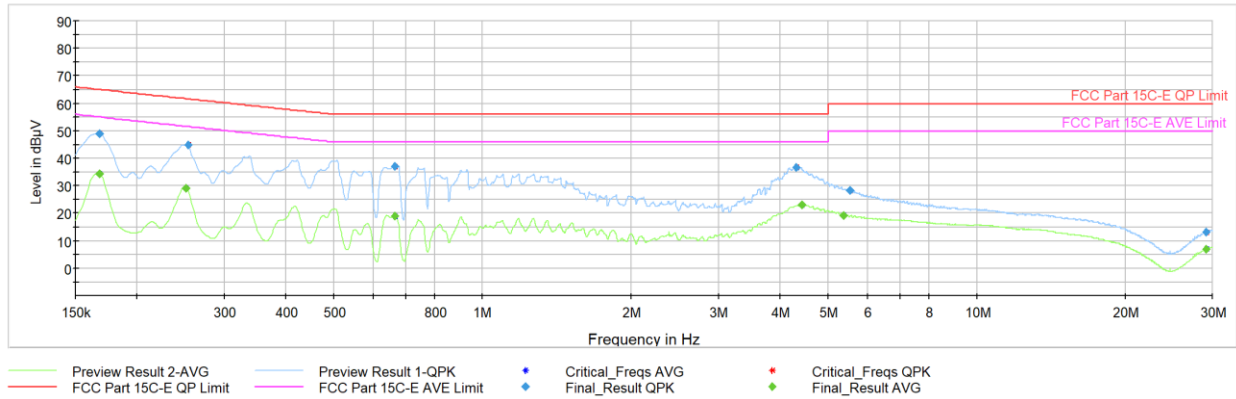


**Plot 7-252. AC Line Conducted Plot TxBF (NB UNII HDR4 ePA – 5204MHz) (L1) with AC/DC adaptor to USB-C cable with wire charger**

| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.166           | FINAL         | —                | 35.59          | 55.17        | -19.58      | L1   | GND |
| 0.166           | FINAL         | 50.1             | —              | 65.17        | -15.03      | L1   | GND |
| 0.247           | FINAL         | 46.1             | —              | 61.87        | -15.81      | L1   | GND |
| 0.249           | FINAL         | —                | 29.80          | 51.79        | -21.99      | L1   | GND |
| 0.582           | FINAL         | —                | 16.84          | 46.00        | -29.16      | L1   | GND |
| 0.589           | FINAL         | 36.1             | —              | 56.00        | -19.90      | L1   | GND |
| 4.295           | FINAL         | 35.5             | —              | 56.00        | -20.51      | L1   | GND |
| 4.324           | FINAL         | —                | 19.49          | 46.00        | -26.51      | L1   | GND |
| 16.427          | FINAL         | 14.5             | —              | 60.00        | -45.53      | L1   | GND |
| 16.427          | FINAL         | —                | 9.97           | 50.00        | -40.03      | L1   | GND |
| 28.025          | FINAL         | 11.7             | —              | 60.00        | -48.29      | L1   | GND |
| 28.028          | FINAL         | —                | 5.56           | 50.00        | -44.44      | L1   | GND |

**Table 7-58. AC Line Conducted Data TxBF (NB UNII HDR4 ePA – 5204MHz) (L1) with AC/DC adaptor to USB-C cable with wire charger**

|  |   |                            |                                       |                                   |
|--|---|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2993                           |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device | Page 189 of 191                       |                                   |



**Plot 7-253. AC Line Conducted Plot TxBF (NB UNII HDR4 ePA – 5204MHz) (N) with AC/DC adaptor to USB-C cable with wire charger**

| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.168           | FINAL         | —                | 34.57          | 55.06        | -20.48      | N    | GND |
| 0.168           | FINAL         | 49.1             | —              | 65.06        | -16.00      | N    | GND |
| 0.251           | FINAL         | —                | 29.28          | 51.72        | -22.44      | N    | GND |
| 0.254           | FINAL         | 45.0             | —              | 61.64        | -16.63      | N    | GND |
| 0.665           | FINAL         | —                | 18.90          | 46.00        | -27.10      | N    | GND |
| 0.665           | FINAL         | 37.1             | —              | 56.00        | -18.86      | N    | GND |
| 4.315           | FINAL         | —                | 23.07          | 46.00        | -22.93      | N    | GND |
| 4.421           | FINAL         | —                | 19.23          | 50.00        | -30.77      | N    | GND |
| 5.377           | FINAL         | —                | 28.3           | 60.00        | -31.69      | N    | GND |
| 5.537           | FINAL         | —                | 6.90           | 50.00        | -43.10      | N    | GND |
| 29.171          | FINAL         | —                | 13.2           | 60.00        | -46.85      | N    | GND |
| 29.171          | FINAL         | 13.2             | —              | 60.00        | -46.85      | N    | GND |

**Table 7-59. AC Line Conducted TxBF (NB UNII HDR4 ePA – 5204MHz) (N) with AC/DC adaptor to USB-C cable with wire charger**

|  |   |   |  |                                   |
|--|---|---|--|-----------------------------------|
| FCC ID: BCGA2993                           |  | <b>MEASUREMENT REPORT (CERTIFICATION)</b> |  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2405200017-08-R1.BCG | Test Dates:<br>5/20/2024 - 7/26/2024  | EUT Type:<br>Tablet Device                |  | Page 190 of 191                   |

## 8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2993** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

|   |   |                                   |  |
|---|---|-----------------------------------|--|
| FCC ID: BCGA2993                                  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2405200017-08-R1.BCG | <b>Test Dates:</b><br>5/20/2024 - 7/26/2024   | <b>EUT Type:</b><br>Tablet Device | Page 191 of 191                          |

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