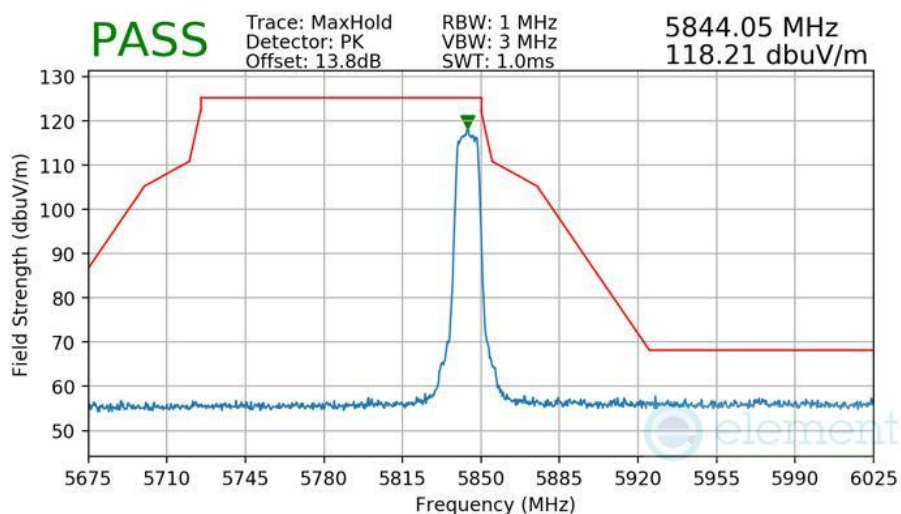
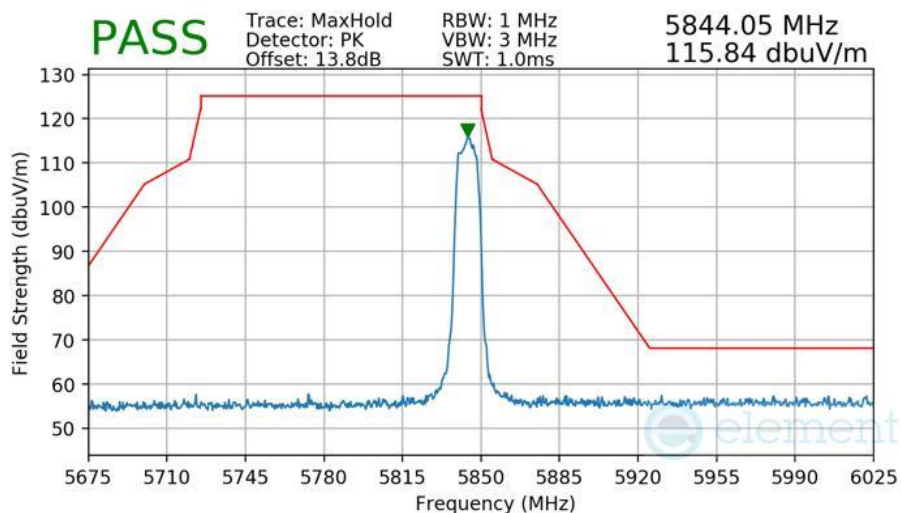


**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-343 Radiated Upper Band Edge Measurement Antenna WF8

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

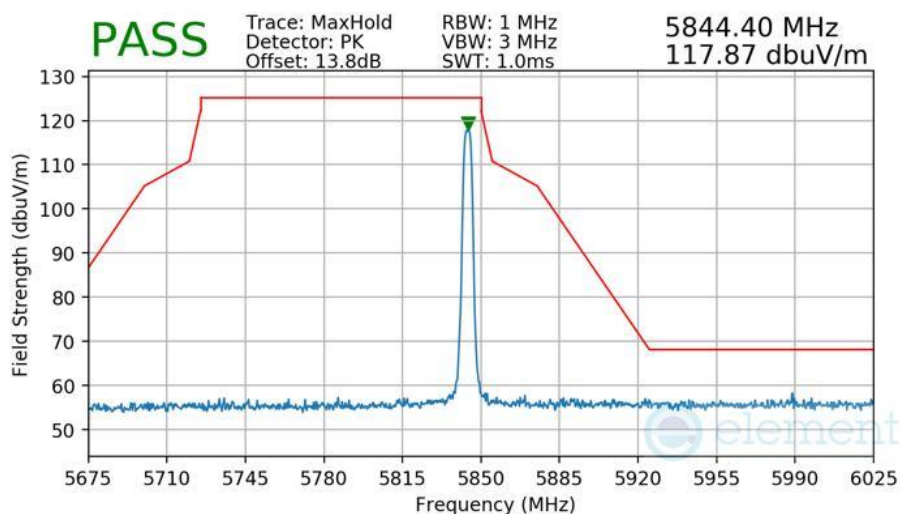


Plot 7-344 Radiated Upper Band Edge Measurement Antenna WF8

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 226 of 272                   |

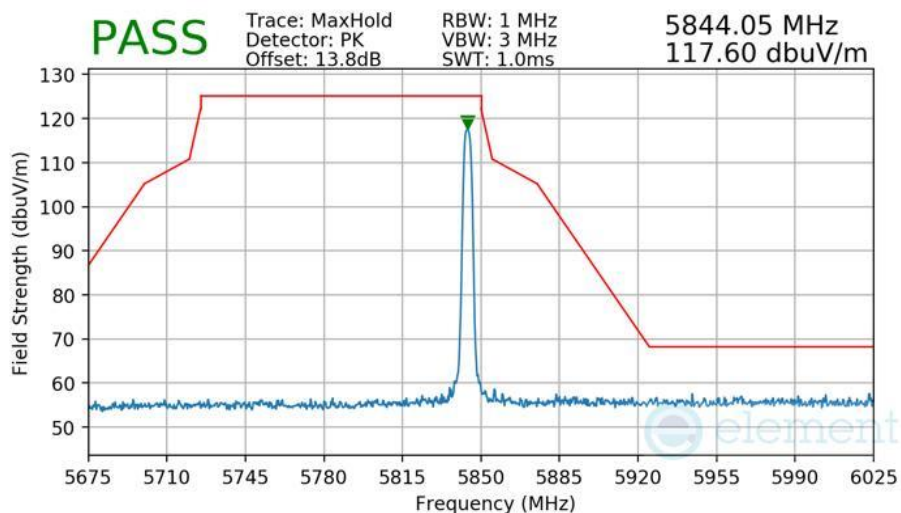
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-345 Radiated Upper Band Edge Measurement Antenna WF8

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



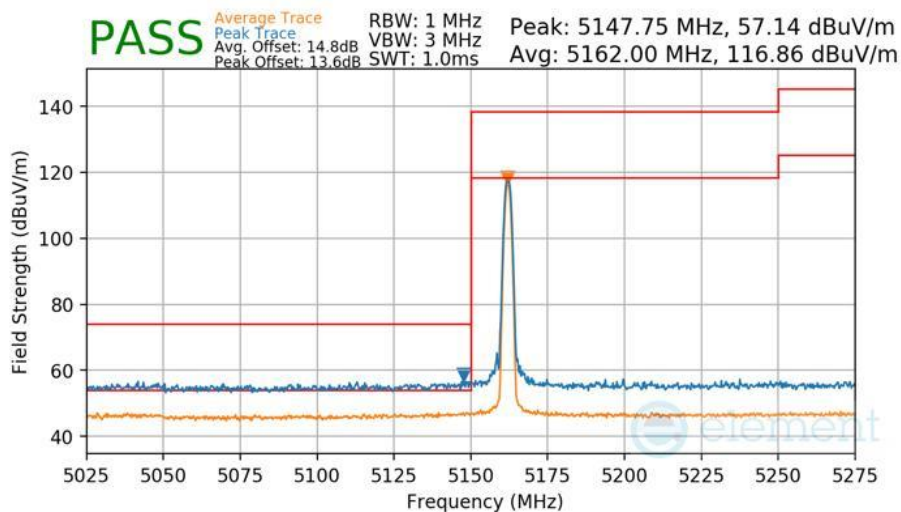
Plot 7-346 Radiated Upper Band Edge Measurement Antenna WF8

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 227 of 272                   |

V 11.0 06/2025

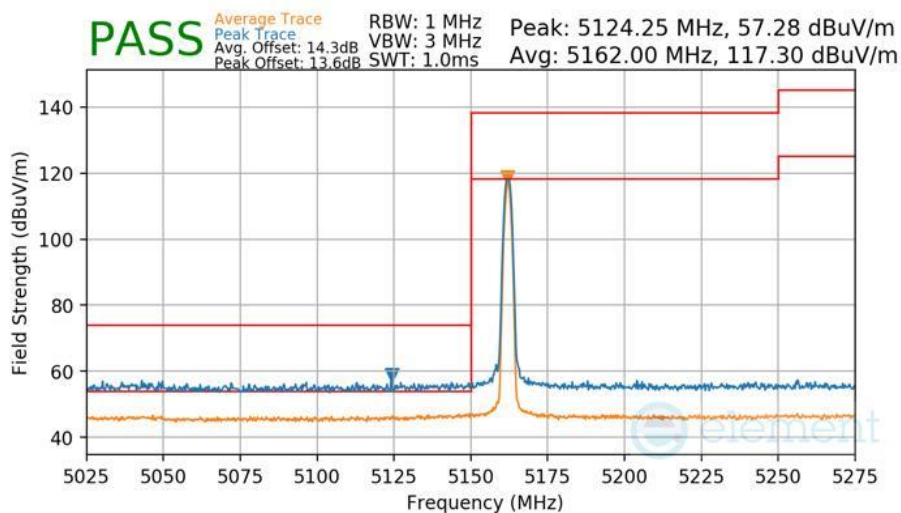
## 7.6.4 Antenna WF7a Radiated Band Edge Measurements (U-NII-1)

|                         |          |
|-------------------------|----------|
| Mode                    | BDR      |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5162MHz  |



Plot 7-347 Radiated Lower Band Edge Measurement Antenna WF7a

|                         |          |
|-------------------------|----------|
| Mode                    | LE1M     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5162MHz  |

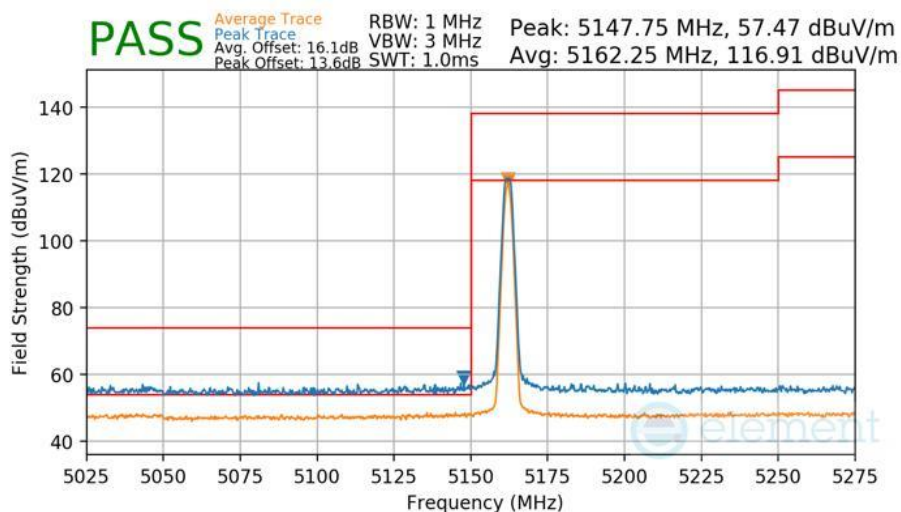


Plot 7-348 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 228 of 272                   |

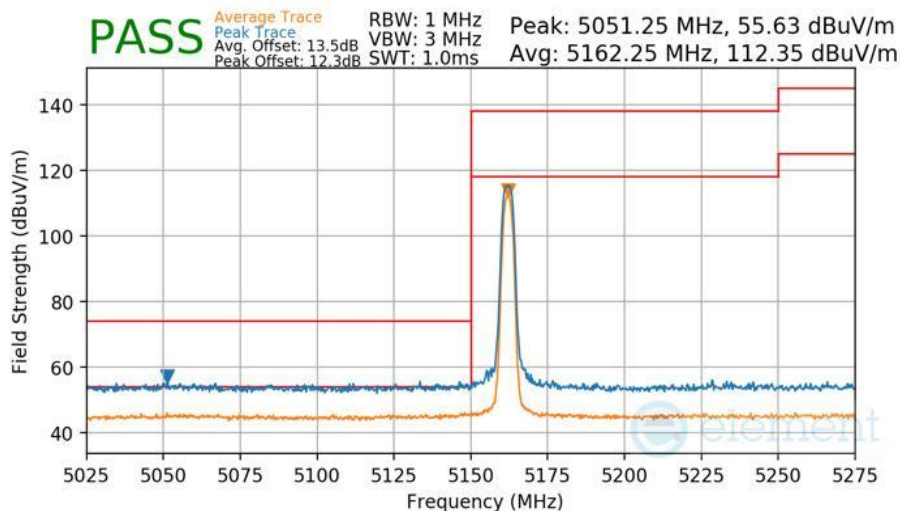
V 11.0 06/2025

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-349 Radiated Lower Band Edge Measurement Antenna WF7a

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

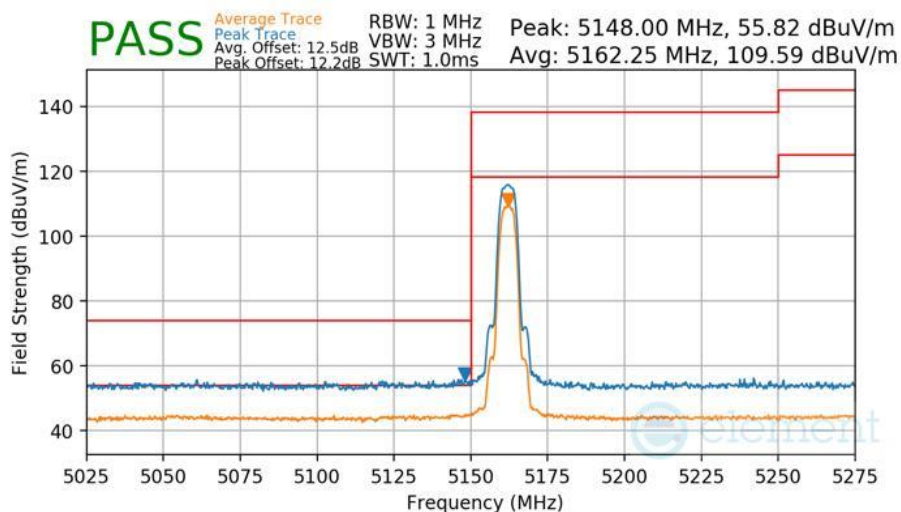


Plot 7-350 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                           | EUT Type:<br>Tablet Device | Page 229 of 272                   |

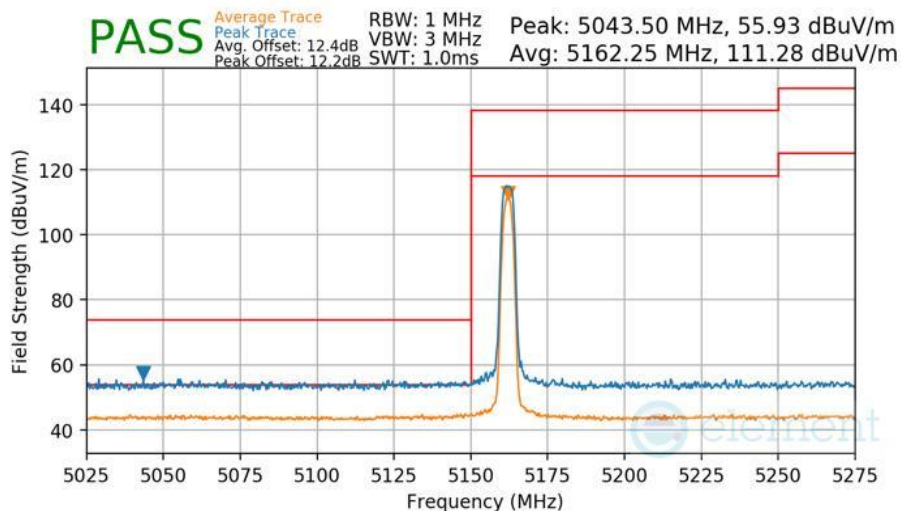
V 11.0 06/2025

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



Plot 7-351 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz

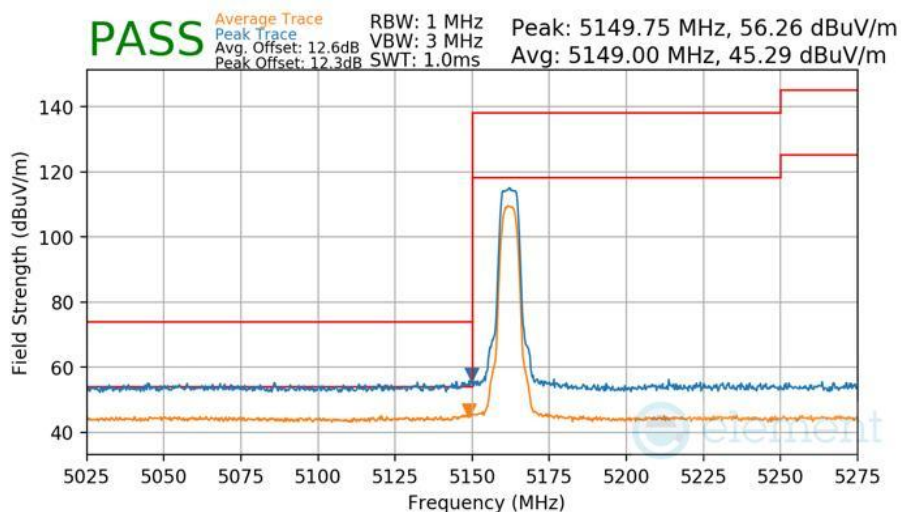


Plot 7-352 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                           | EUT Type:<br>Tablet Device | Page 230 of 272                   |

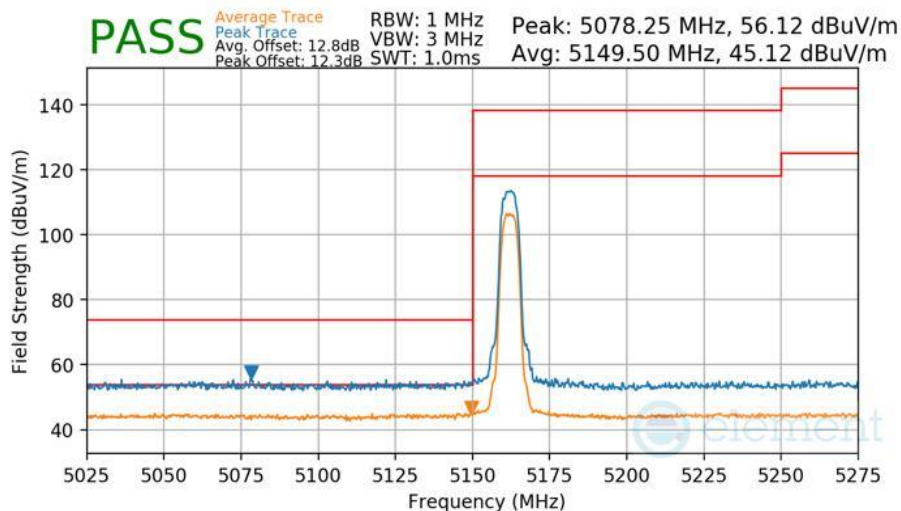
V 11.0 06/2025

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-353 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



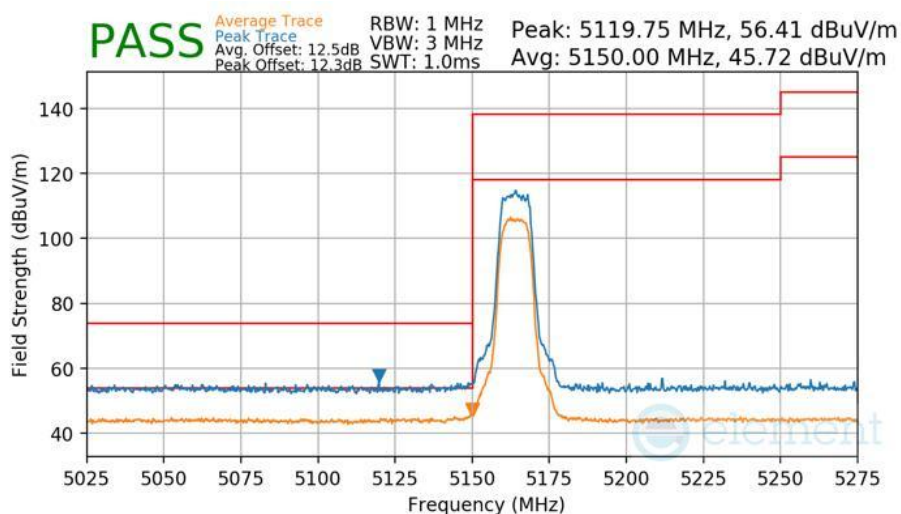
Plot 7-354 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                           | EUT Type:<br>Tablet Device | Page 231 of 272                   |

V 11.0 06/2025

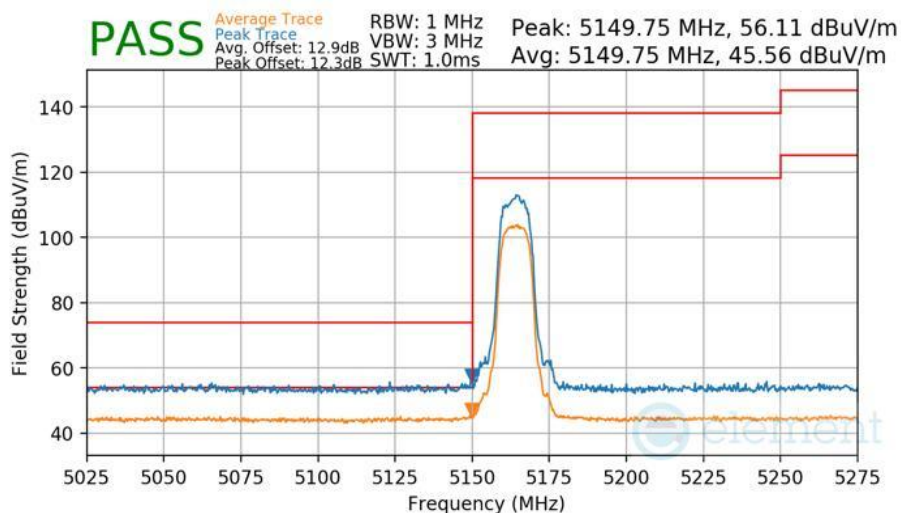
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**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5164MHz



Plot 7-355 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5164MHz

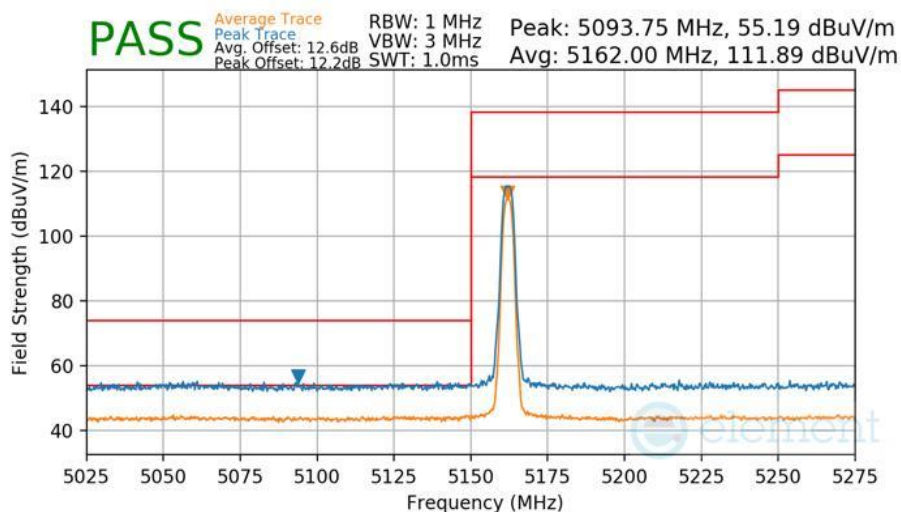


Plot 7-356 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 232 of 272                   |

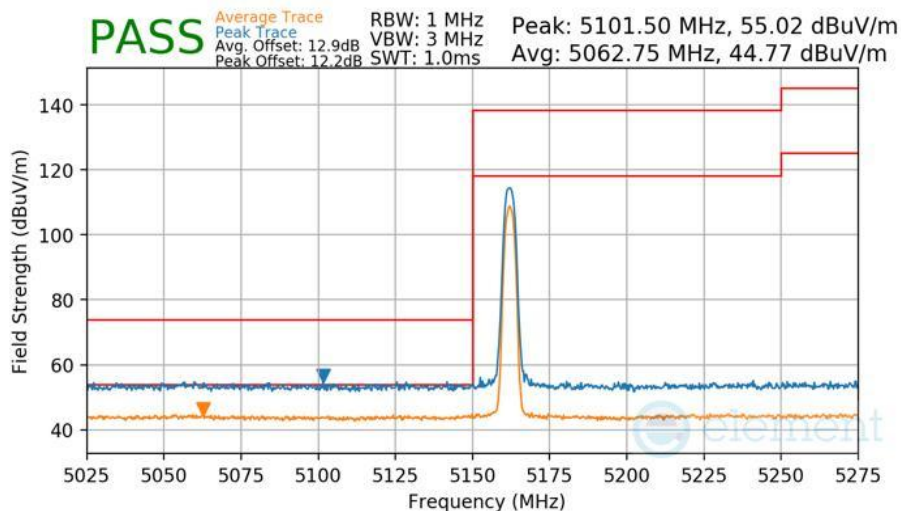
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-357 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-358 Radiated Lower Band Edge Measurement Antenna WF7a

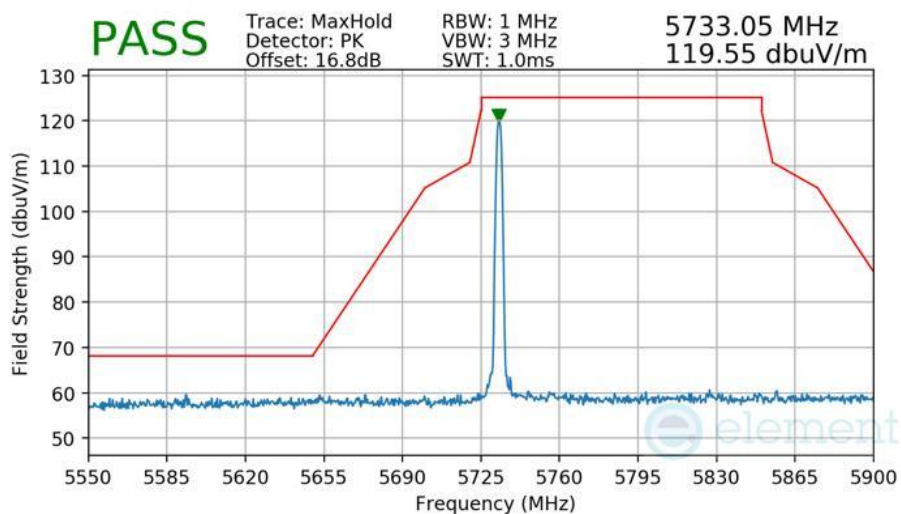
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 233 of 272                   |

V 11.0 06/2025

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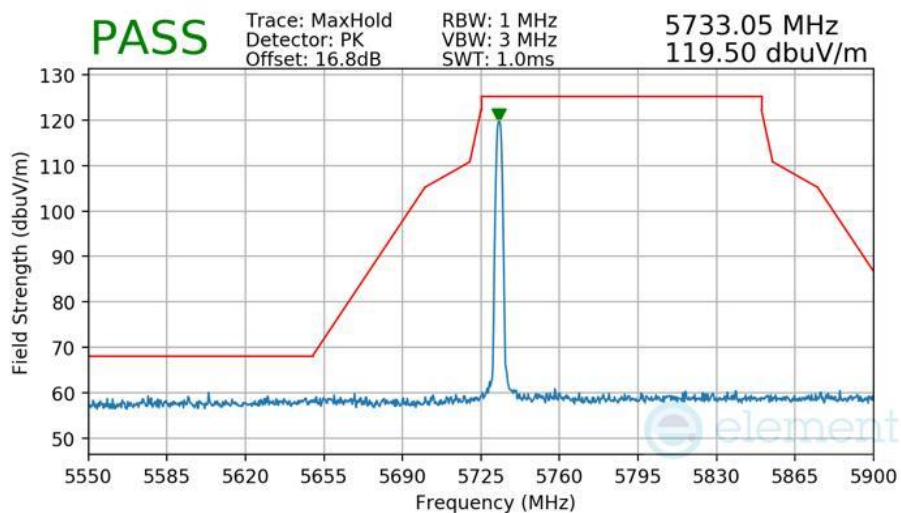
## 7.6.5 Antenna WF7a Radiated Band Edge Measurements (U-NII-3)

|                         |          |
|-------------------------|----------|
| Mode                    | BDR      |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5733MHz  |



Plot 7-359 Radiated Lower Band Edge Measurement Antenna WF7a

|                         |          |
|-------------------------|----------|
| Mode                    | LE1M     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5733MHz  |

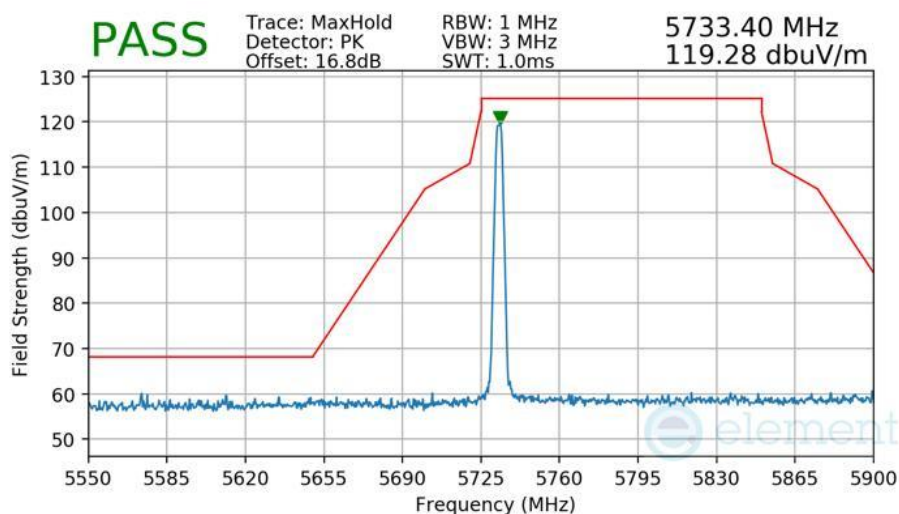


Plot 7-360 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 234 of 272                   |

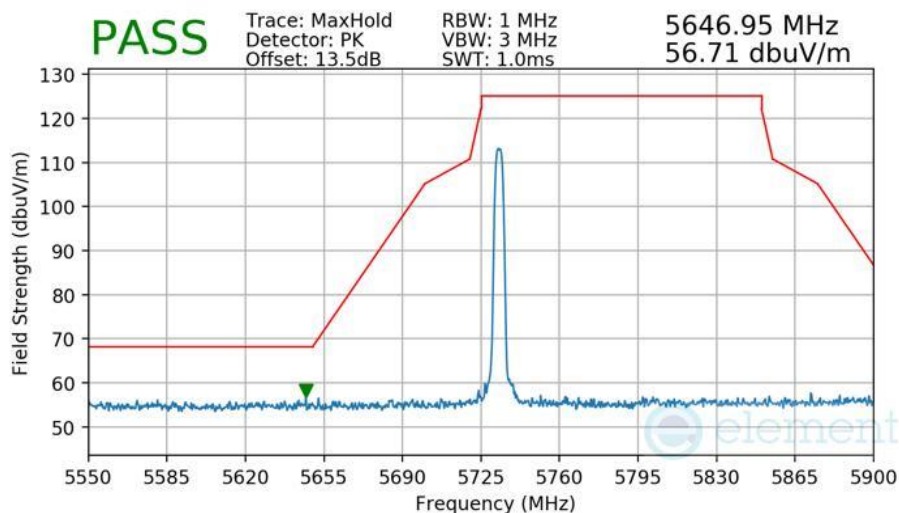
V 11.0 06/2025

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-361 Radiated Lower Band Edge Measurement Antenna WF7a

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

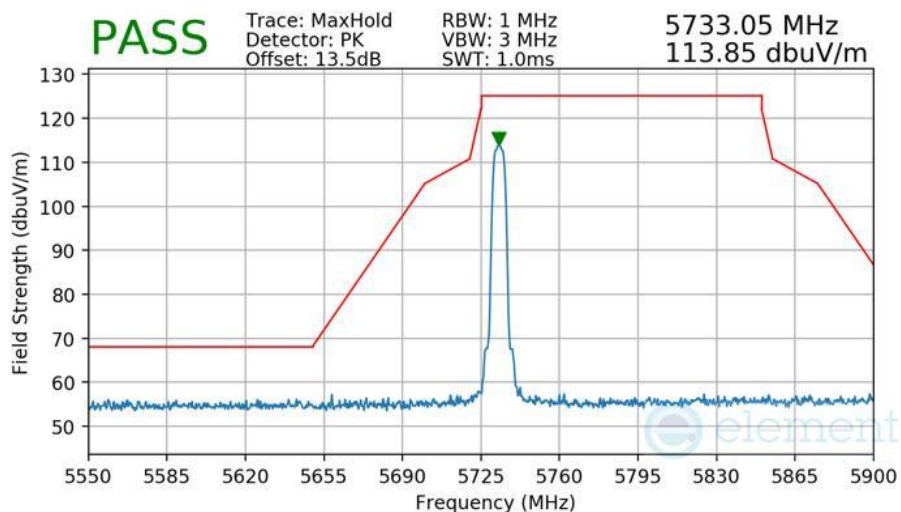


Plot 7-362 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 235 of 272                   |

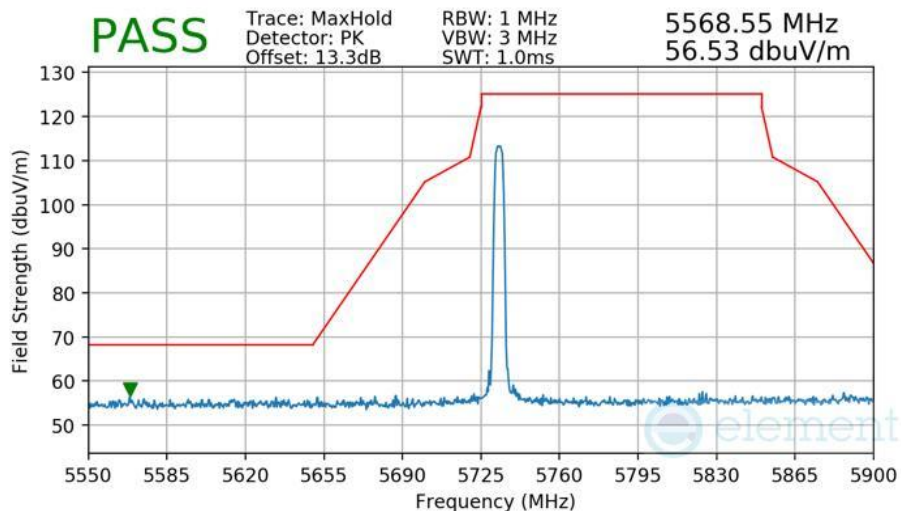
V 11.0 06/2025

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



Plot 7-363 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz

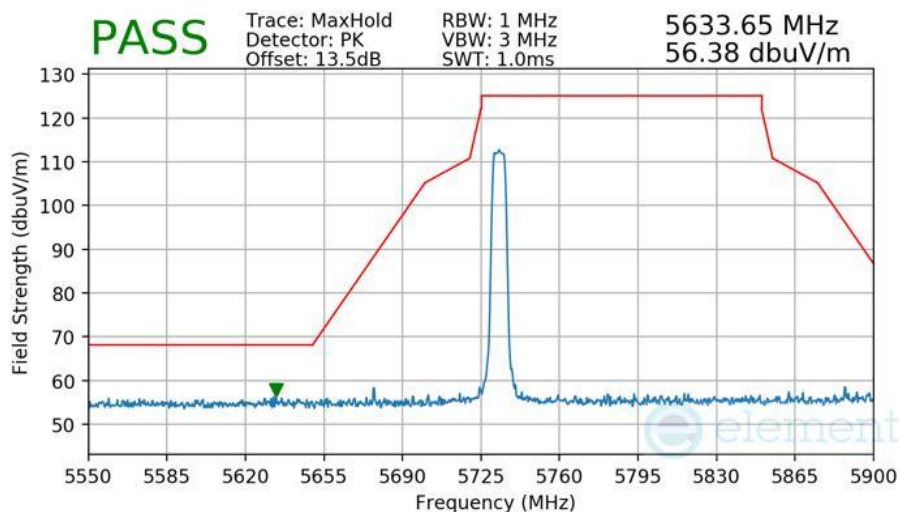


Plot 7-364 Radiated Lower Band Edge Measurement Antenna WF7a

|                                                   |                                                                                     |                                               |  |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|--|------------------------------------------|
| FCC ID: BCGA3459                                  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-10-R6.BCG | <b>Test Dates:</b><br>09/18/2025 - 12/23/2025                                       | <b>EUT Type:</b><br>Tablet Device             |  | Page 236 of 272                          |

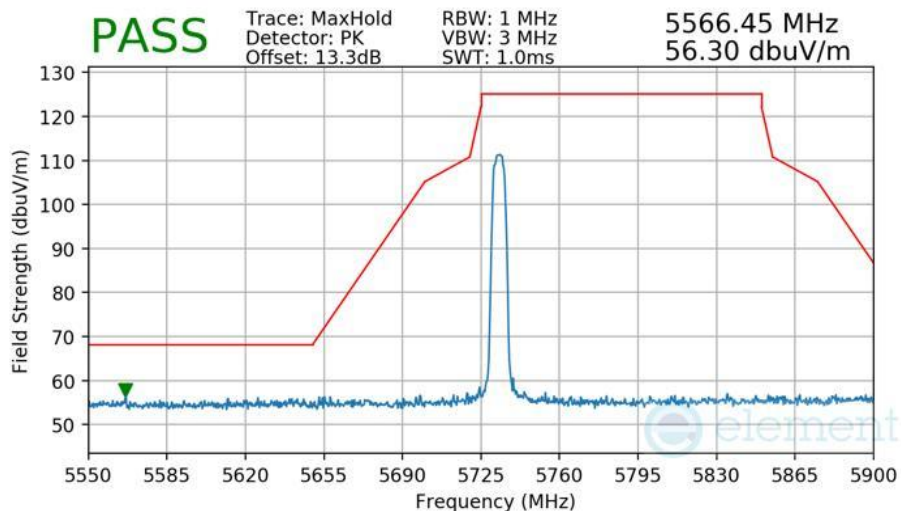
V 11.0 06/2025

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-365 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



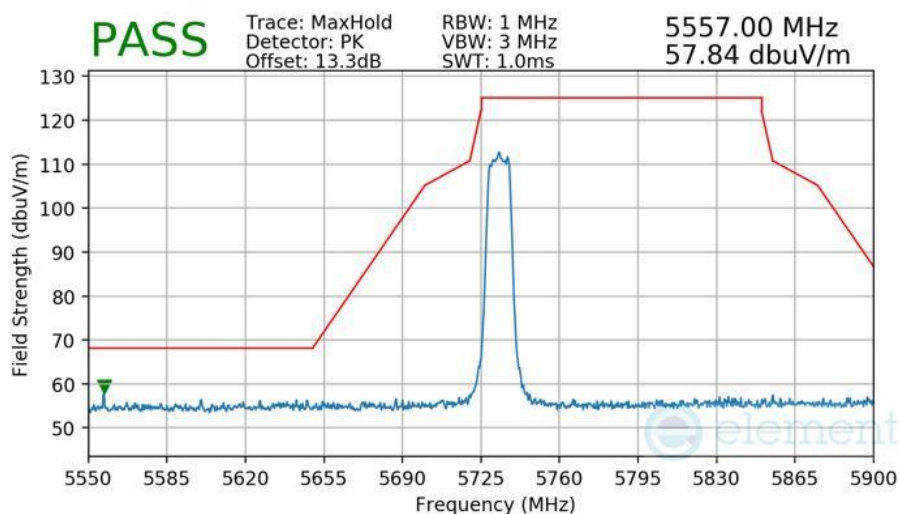
Plot 7-366 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 237 of 272                   |

V 11.0 06/2025

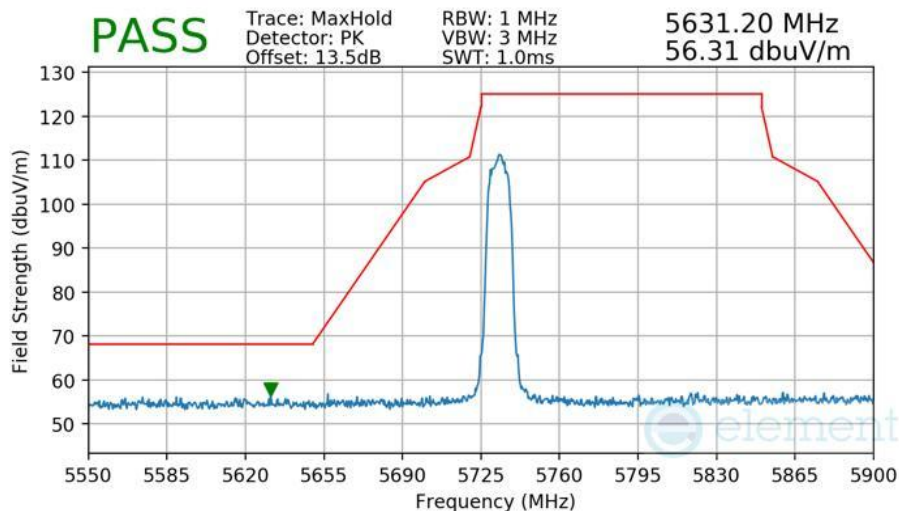
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**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-367 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz

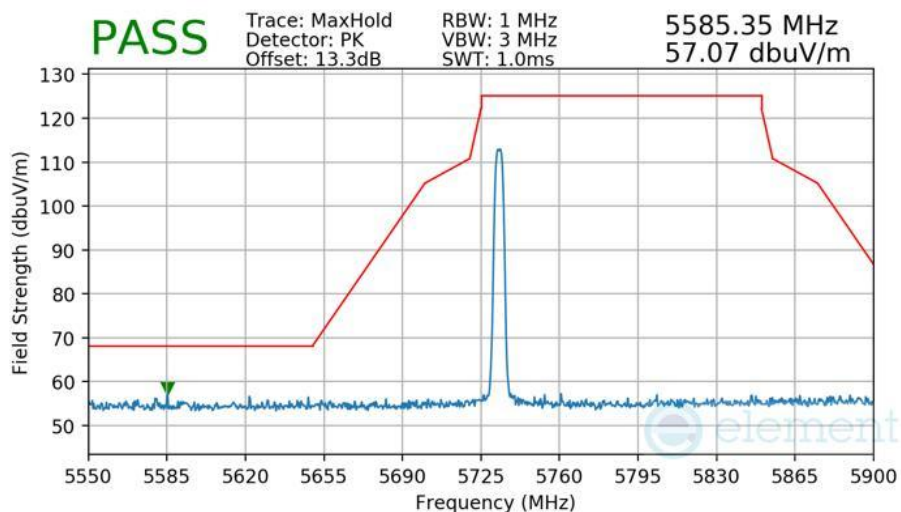


Plot 7-368 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 238 of 272                   |

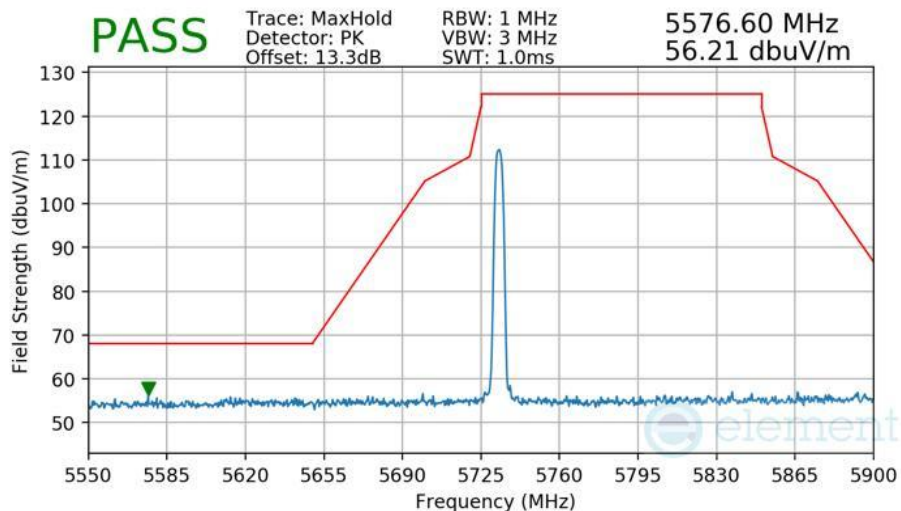
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-369 Radiated Lower Band Edge Measurement Antenna WF7a

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz

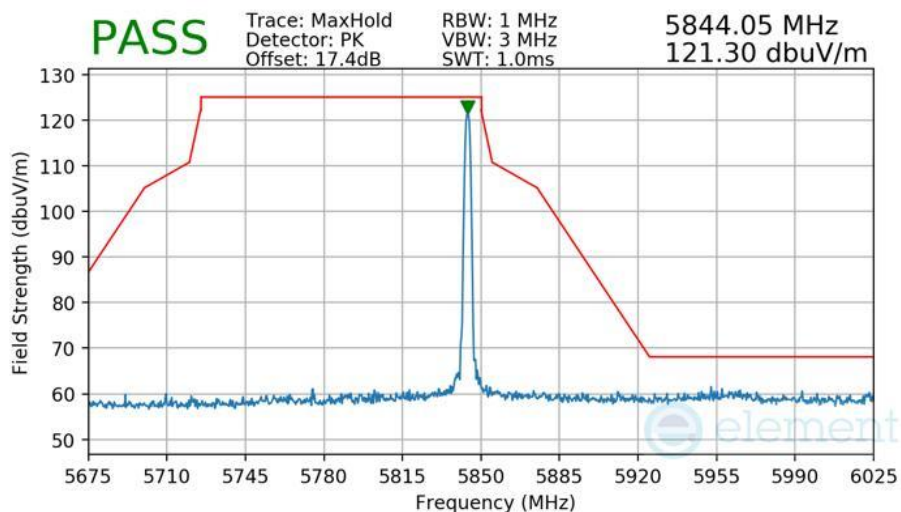


Plot 7-370 Radiated Lower Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 239 of 272                   |

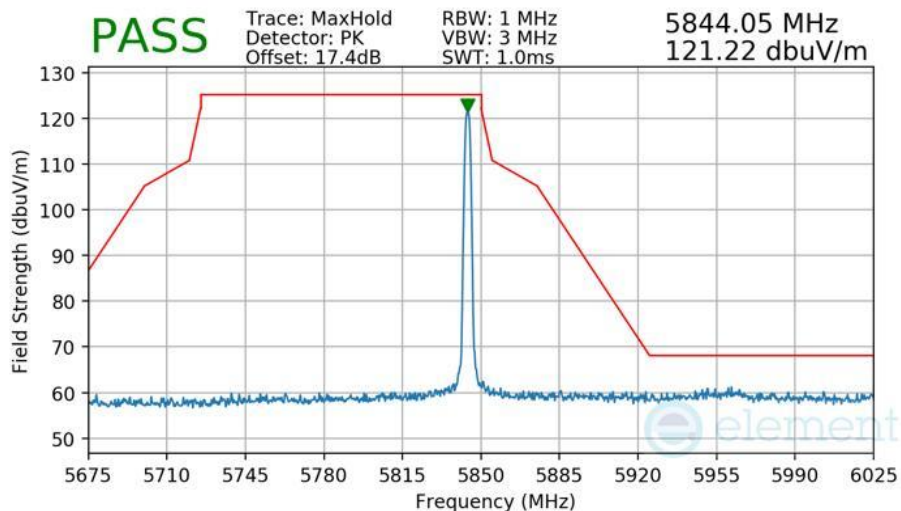
V 11.0 06/2025

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



Plot 7-371 Radiated Upper Band Edge Measurement Antenna WF7a

**Mode** LE1M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



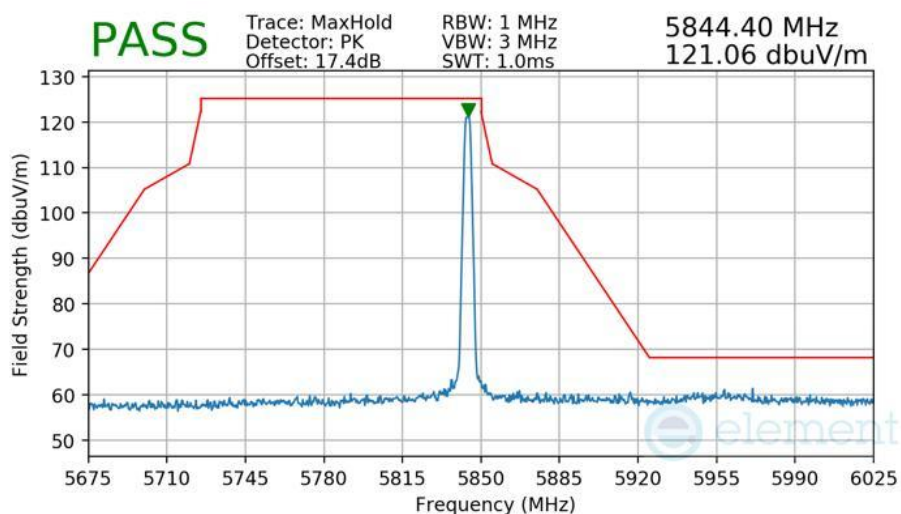
Plot 7-372 Radiated Upper Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 240 of 272                   |

V 11.0 06/2025

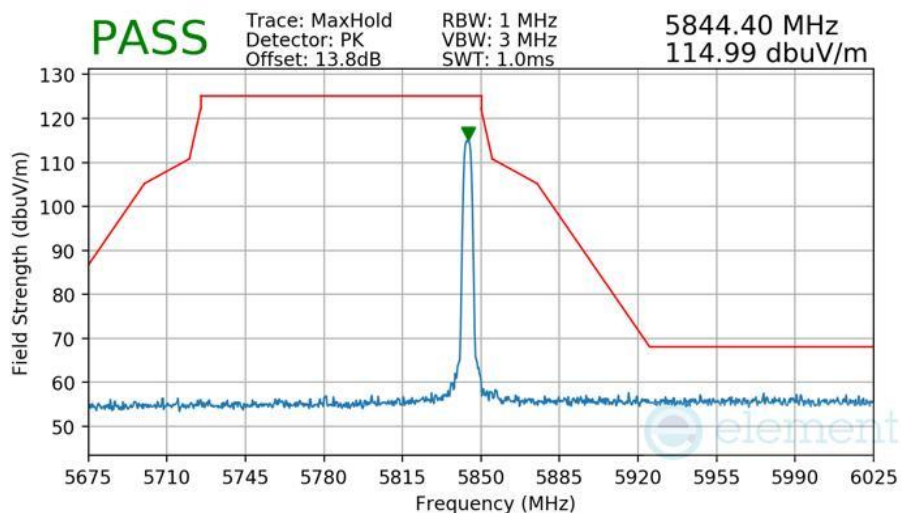
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**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-373 Radiated Upper Band Edge Measurement Antenna WF7a

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

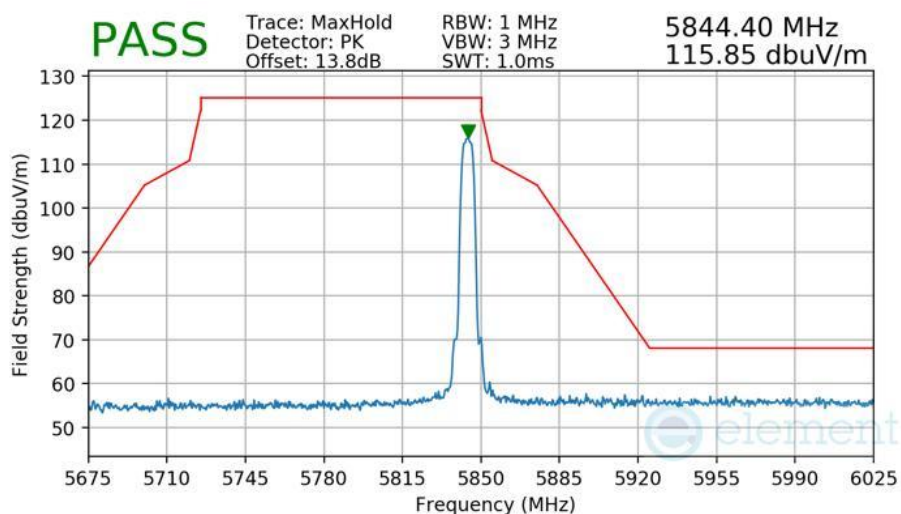


Plot 7-374 Radiated Upper Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 241 of 272                   |

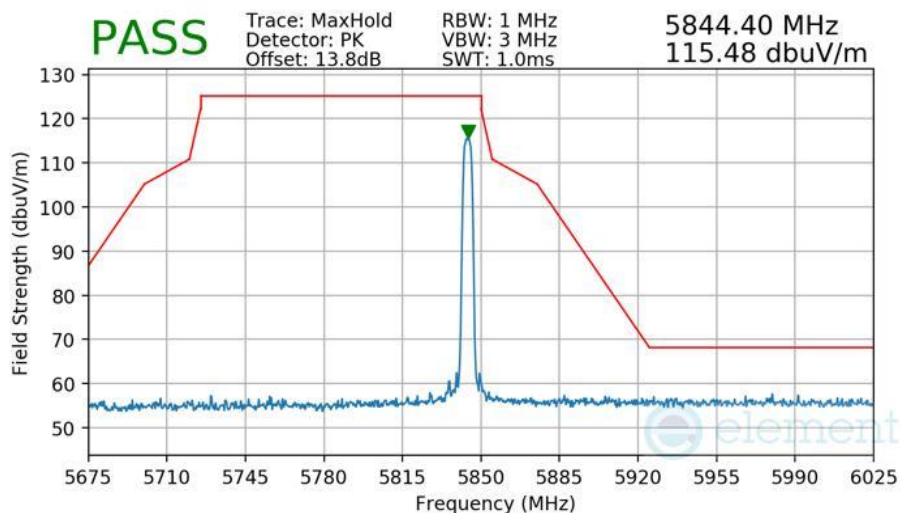
V 11.0 06/2025

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



Plot 7-375 Radiated Upper Band Edge Measurement Antenna WF7a

**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

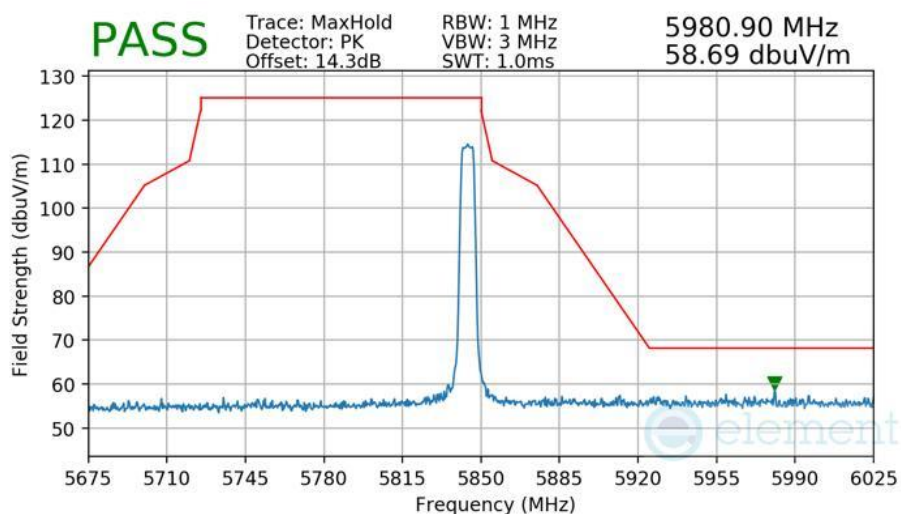


Plot 7-376 Radiated Upper Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 242 of 272                   |

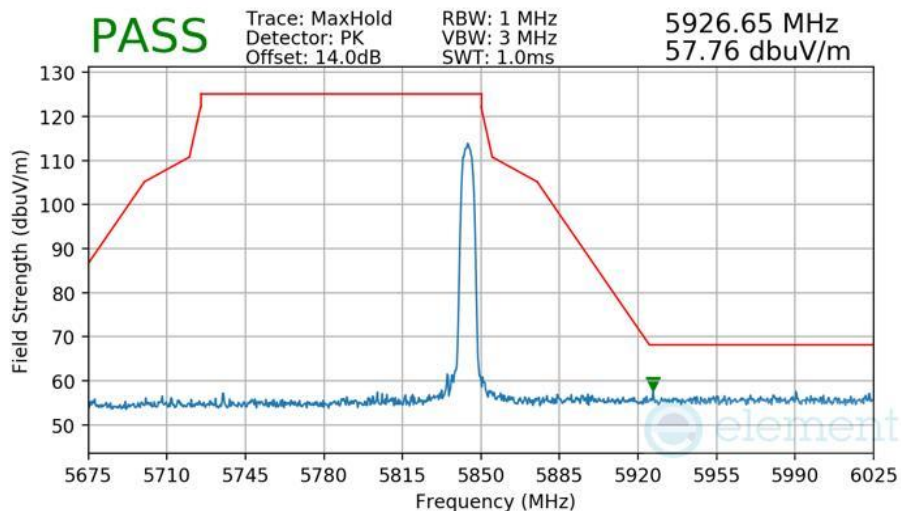
V 11.0 06/2025

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-377 Radiated Upper Band Edge Measurement Antenna WF7a

**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

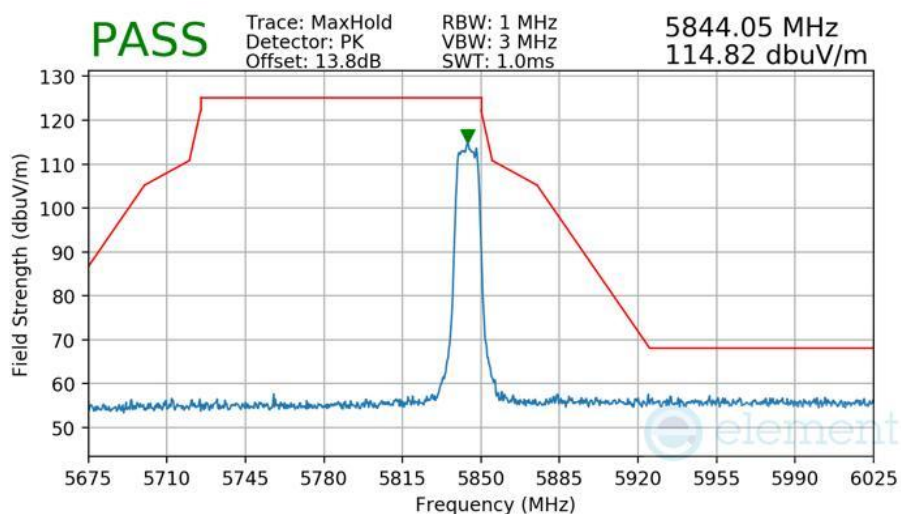


Plot 7-378 Radiated Upper Band Edge Measurement Antenna WF7a

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 243 of 272                   |

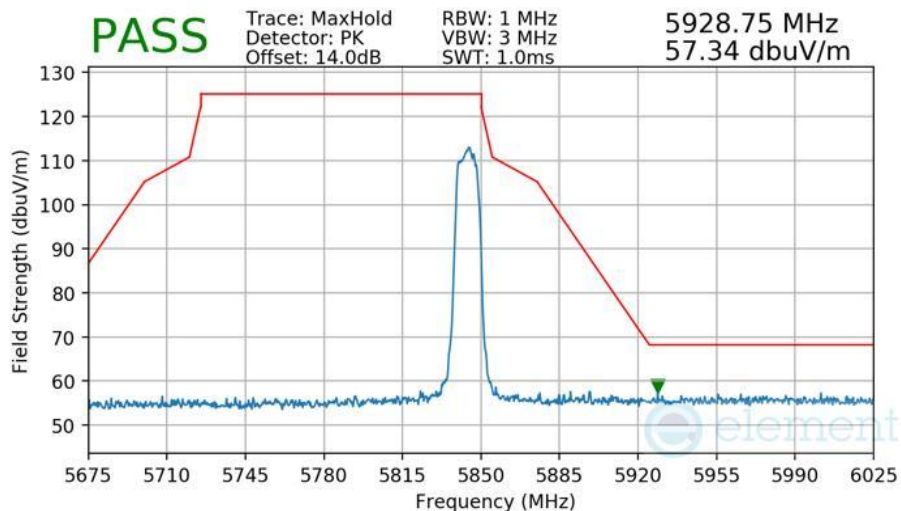
V 11.0 06/2025

**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-379 Radiated Upper Band Edge Measurement Antenna WF7a

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

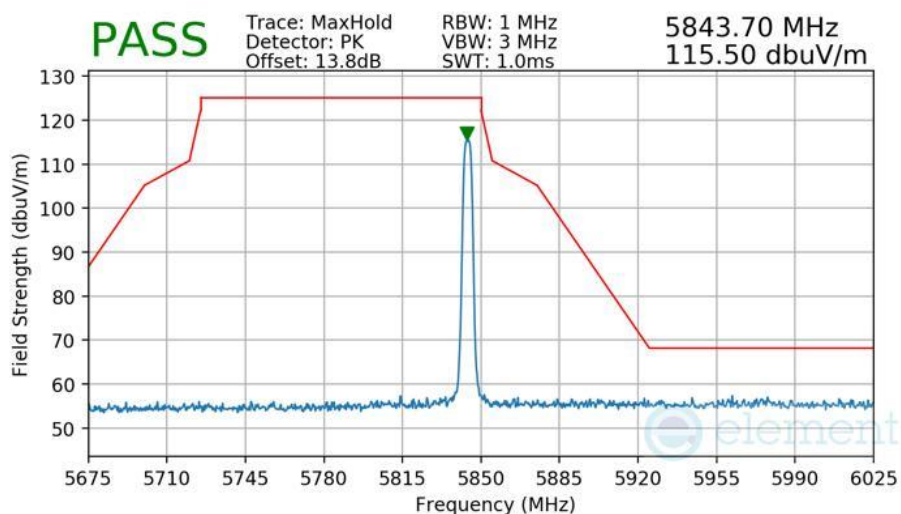


Plot 7-380 Radiated Upper Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 244 of 272                   |

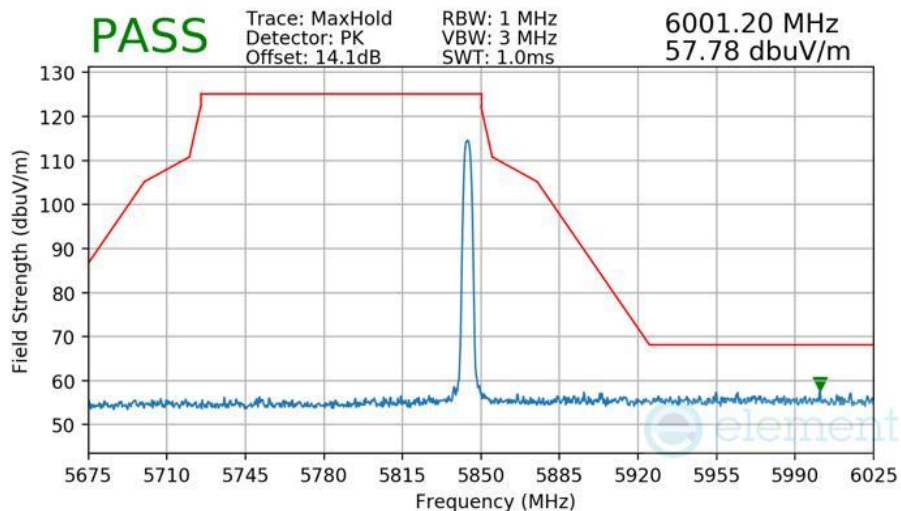
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-381 Radiated Upper Band Edge Measurement Antenna WF7a

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



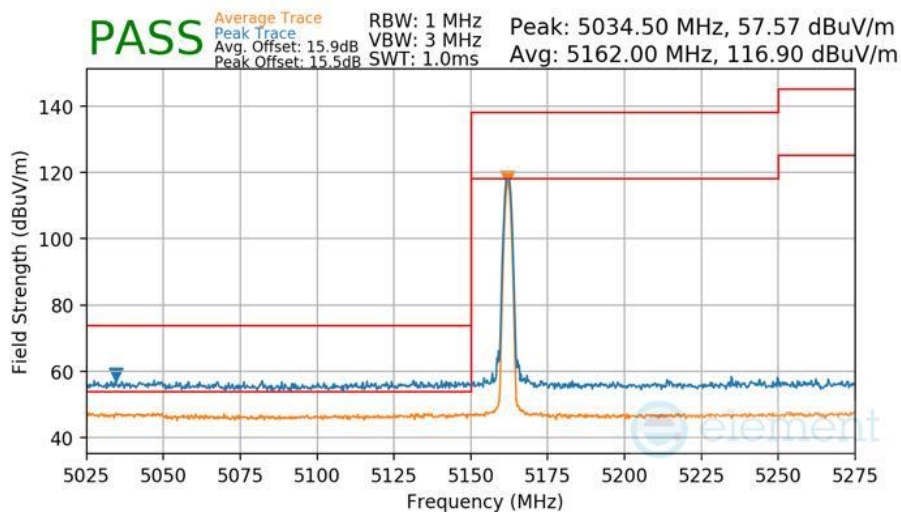
Plot 7-382 Radiated Upper Band Edge Measurement Antenna WF7a

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 245 of 272                   |

V 11.0 06/2025

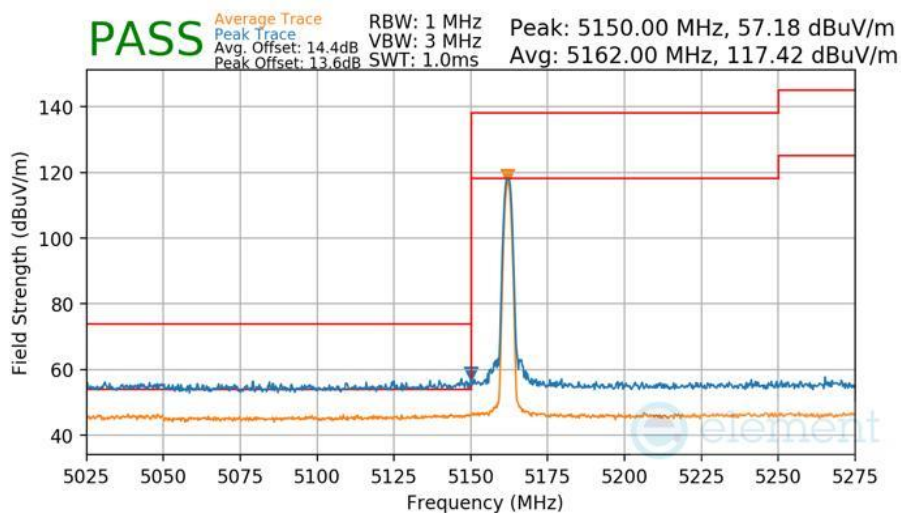
## 7.6.6 TxBF Radiated Band Edge Measurements (U-NII-1)

|                         |          |
|-------------------------|----------|
| Mode                    | BDR      |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5162MHz  |



Plot 7-383 Radiated Lower Band Edge Measurement Antenna TxBF

|                         |          |
|-------------------------|----------|
| Mode                    | LE1M     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5162MHz  |

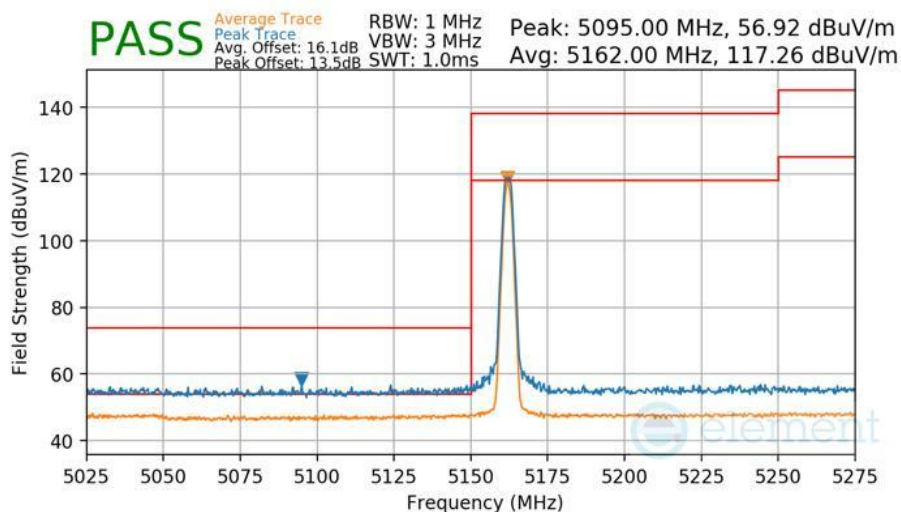


Plot 7-384 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 246 of 272                   |

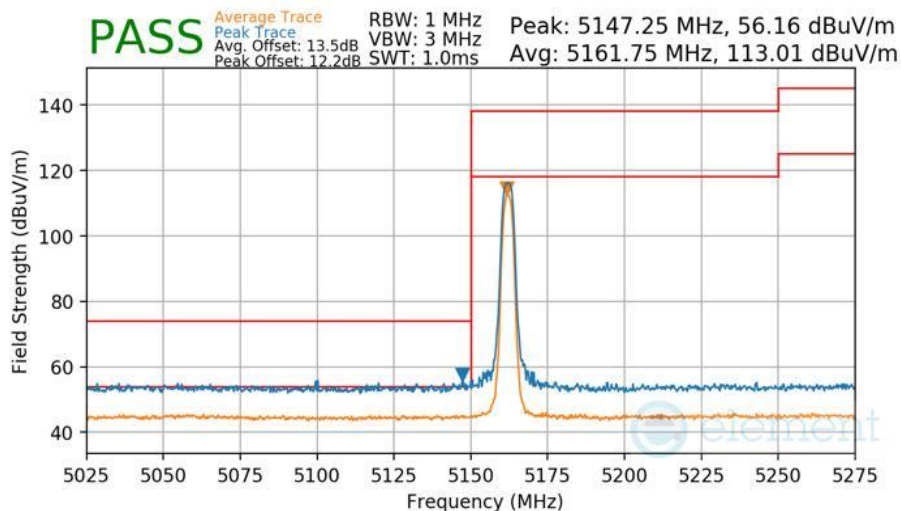
V 11.0 06/2025

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-385 Radiated Lower Band Edge Measurement Antenna TxBF

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

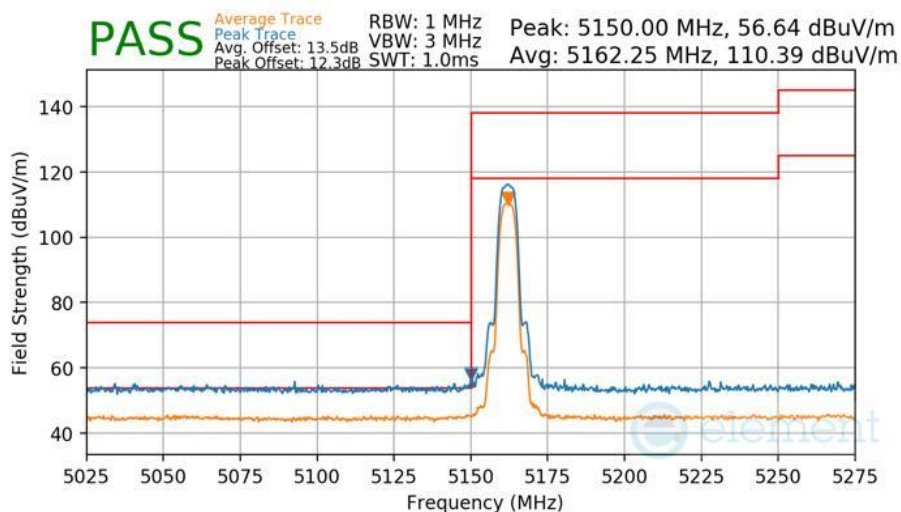


Plot 7-386 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                           | EUT Type:<br>Tablet Device | Page 247 of 272                   |

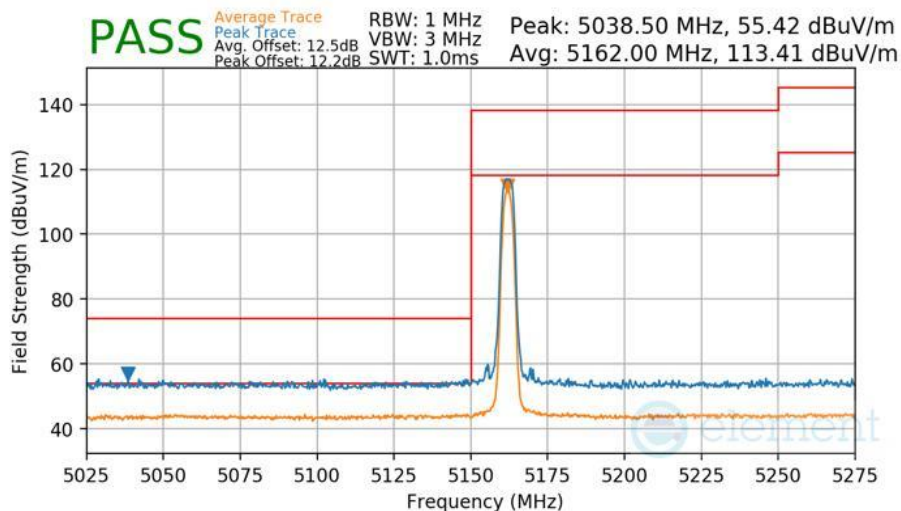
V 11.0 06/2025

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



Plot 7-387 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz

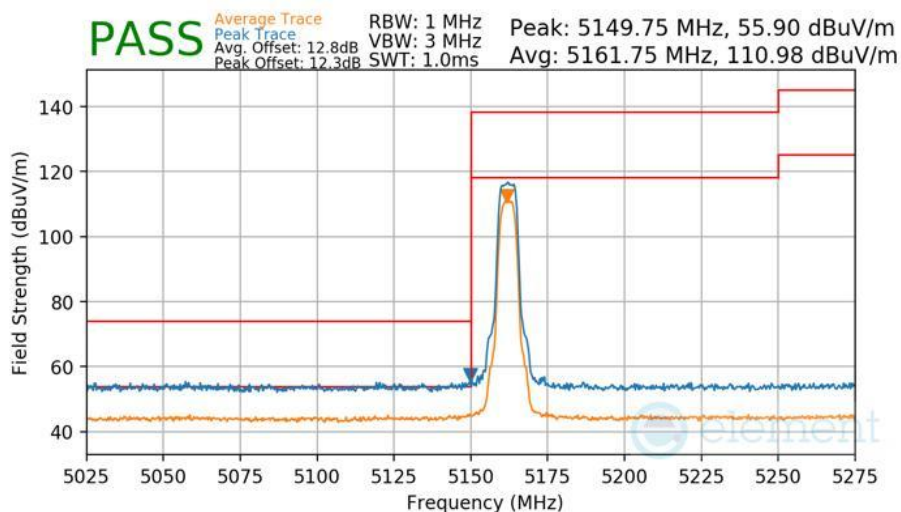


Plot 7-388 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 248 of 272                   |

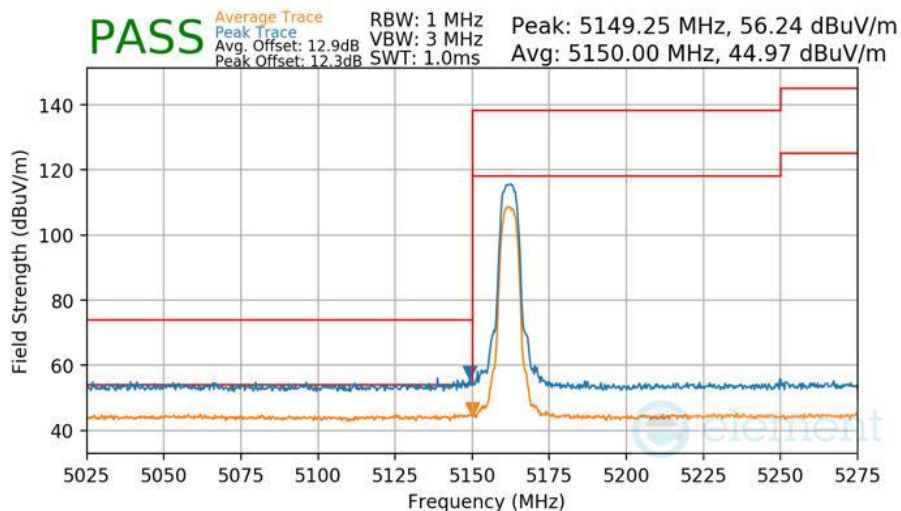
V 11.0 06/2025

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-389 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



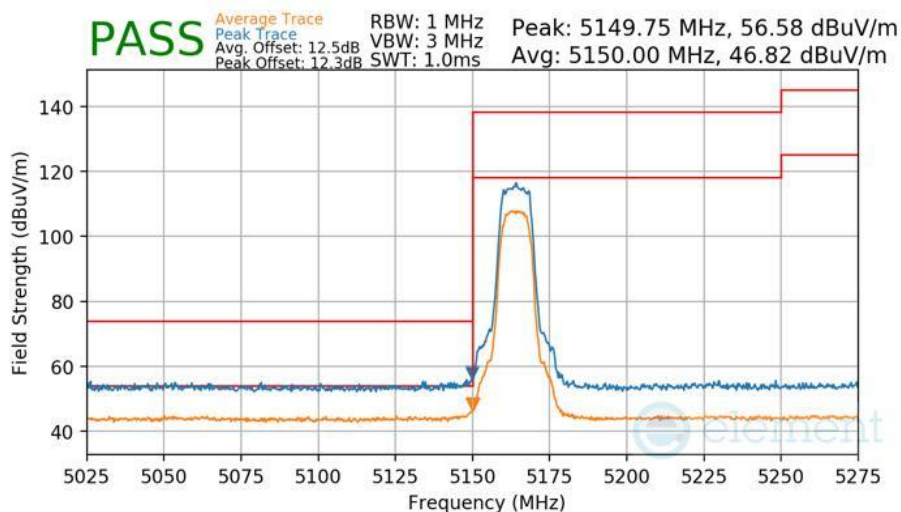
Plot 7-390 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                            | EUT Type:<br>Tablet Device | Page 249 of 272                   |

V 11.0 06/2025

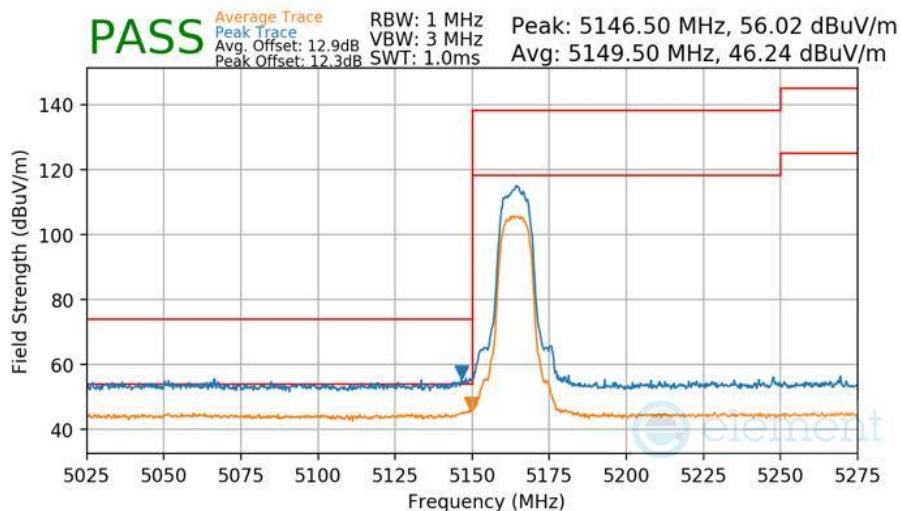
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**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5164MHz



Plot 7-391 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5164MHz

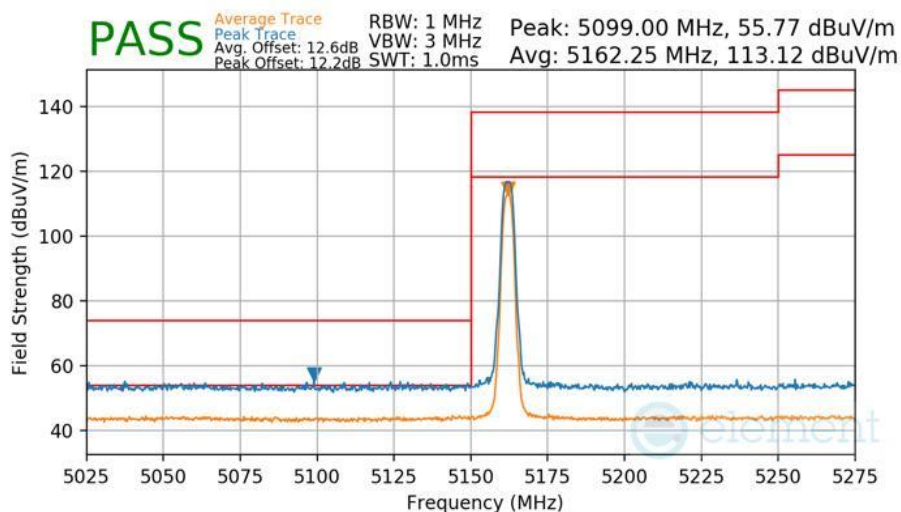


Plot 7-392 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                                  |                            |                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                           | EUT Type:<br>Tablet Device | Page 250 of 272                   |

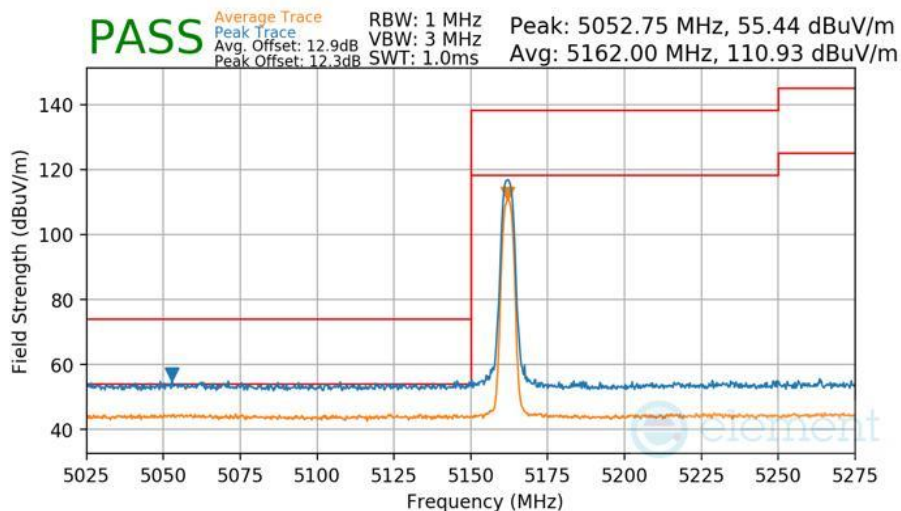
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-393 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5162MHz



Plot 7-394 Radiated Lower Band Edge Measurement Antenna TxBF

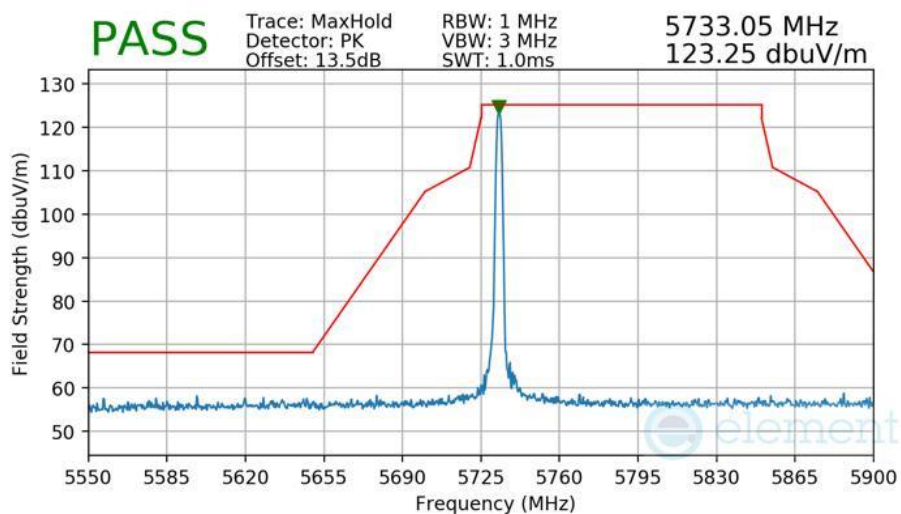
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 251 of 272                   |

V 11.0 06/2025

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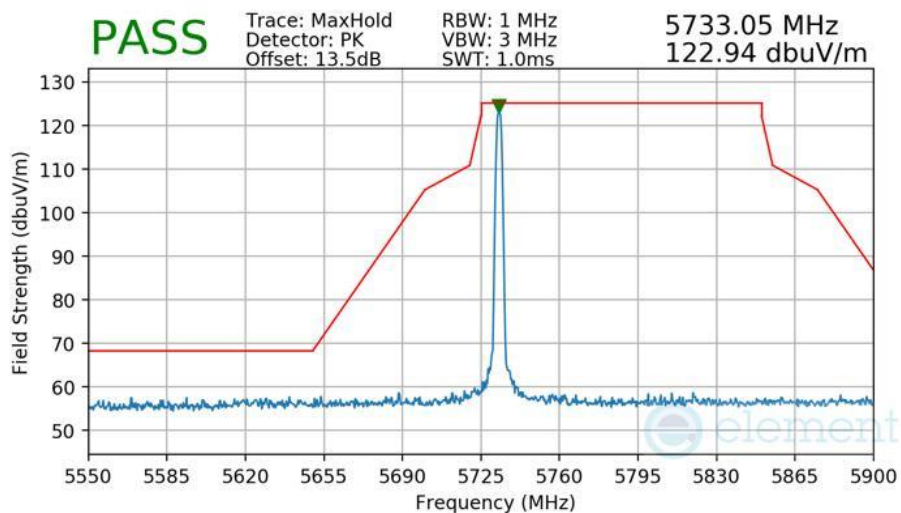
## 7.6.7 TxBF Radiated Band Edge Measurements (U-NII-3)

|                         |          |
|-------------------------|----------|
| Mode                    | BDR      |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5733MHz  |



Plot 7-395 Radiated Lower Band Edge Measurement Antenna TxBF

|                         |          |
|-------------------------|----------|
| Mode                    | LE1M     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5733MHz  |

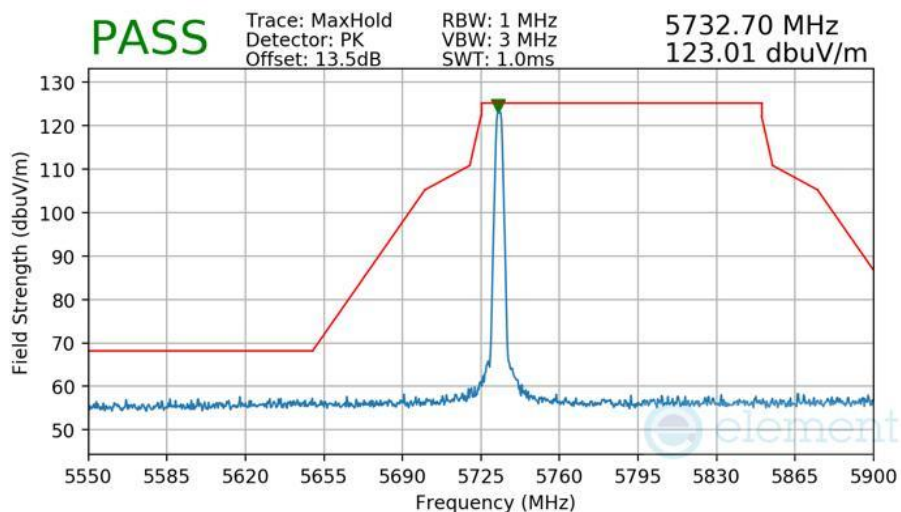


Plot 7-396 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 252 of 272                   |

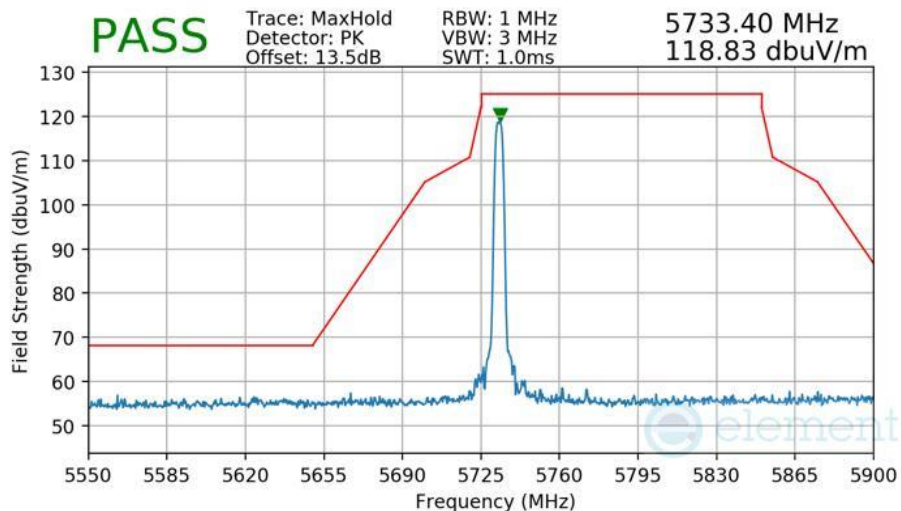
V 11.0 06/2025

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-397 Radiated Lower Band Edge Measurement Antenna TxBF

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

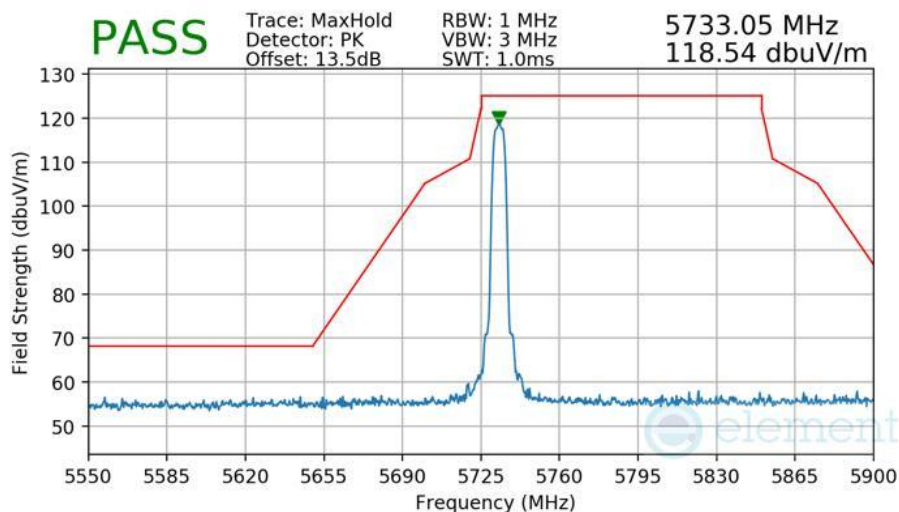


Plot 7-398 Radiated Lower Band Edge Measurement Antenna TxBF

|                                                   |                                                                                     |                                               |  |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|--|------------------------------------------|
| FCC ID: BCGA3459                                  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-10-R6.BCG | <b>Test Dates:</b><br>09/18/2025 - 12/23/2025                                       | <b>EUT Type:</b><br>Tablet Device             |  | Page 253 of 272                          |

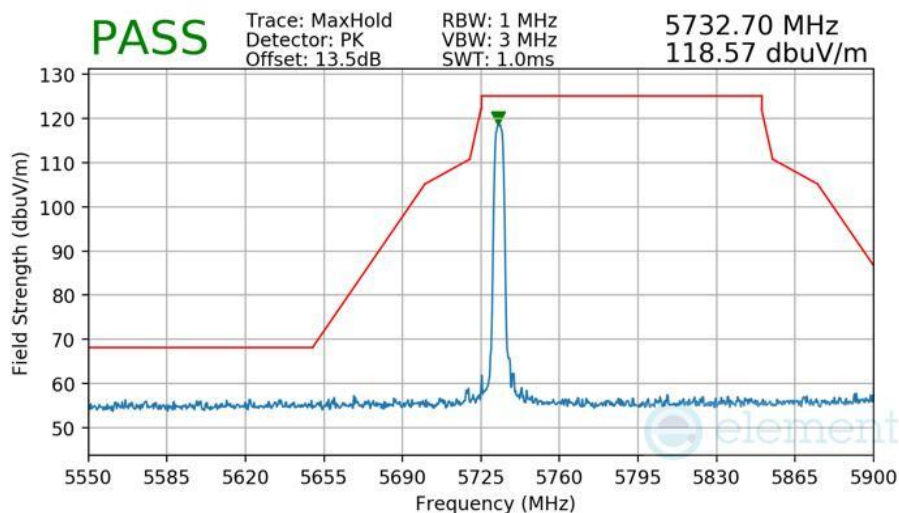
V 11.0 06/2025

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



Plot 7-399 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz

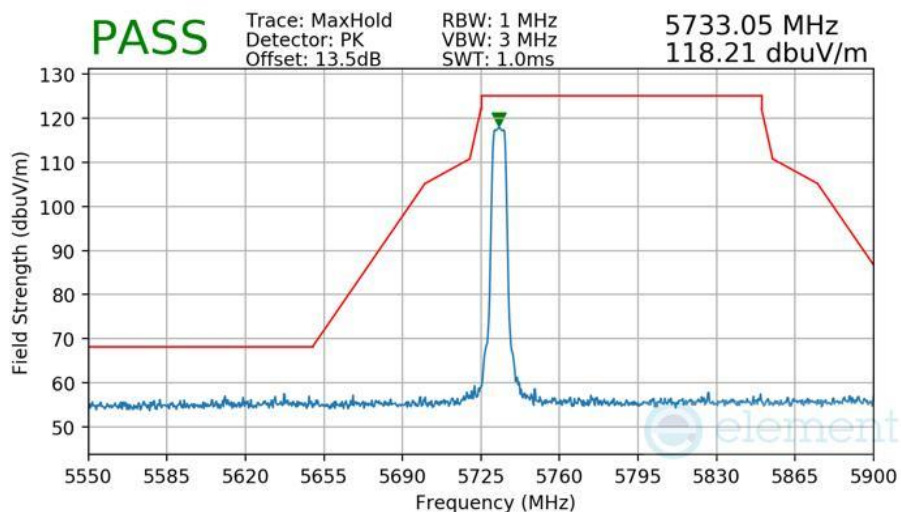


Plot 7-400 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 254 of 272                   |

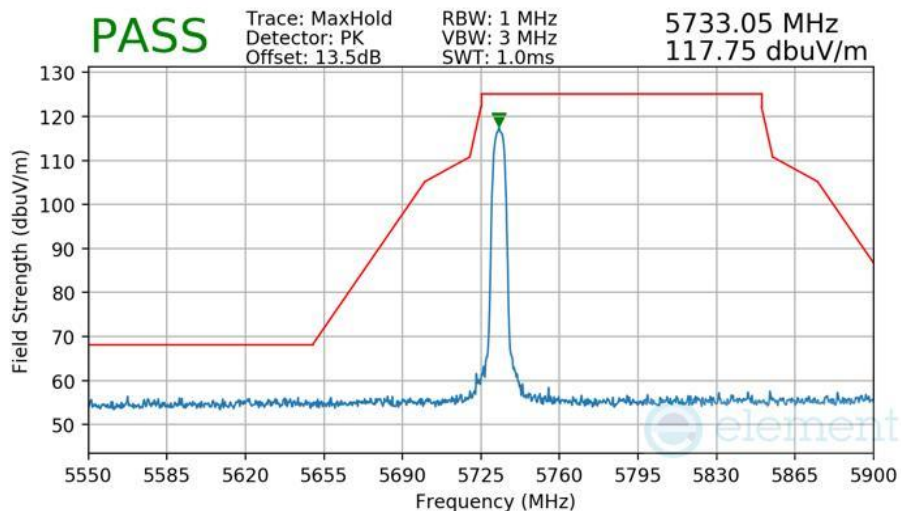
V 11.0 06/2025

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-401 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz

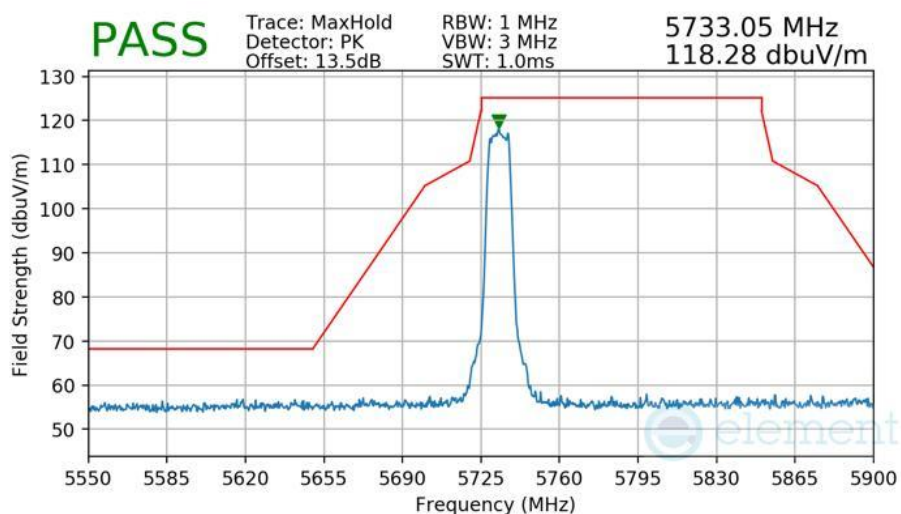


Plot 7-402 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 255 of 272                   |

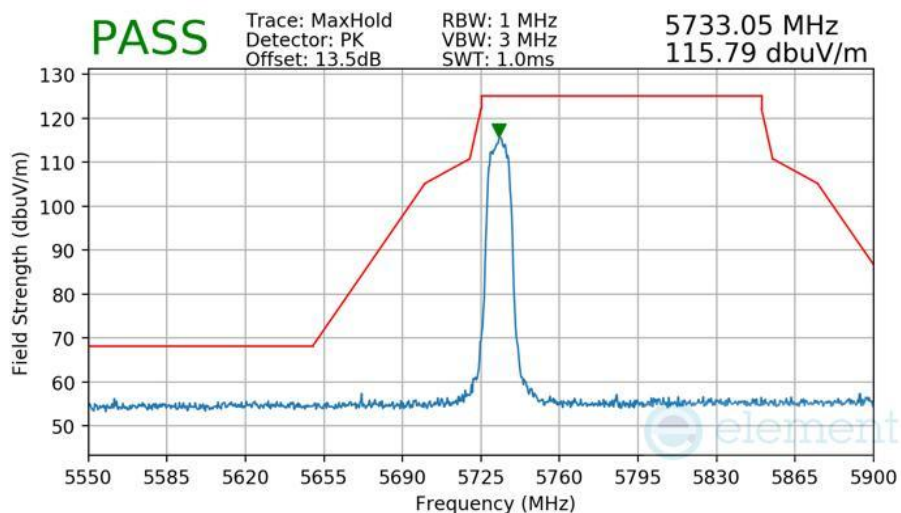
V 11.0 06/2025

**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-403 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz

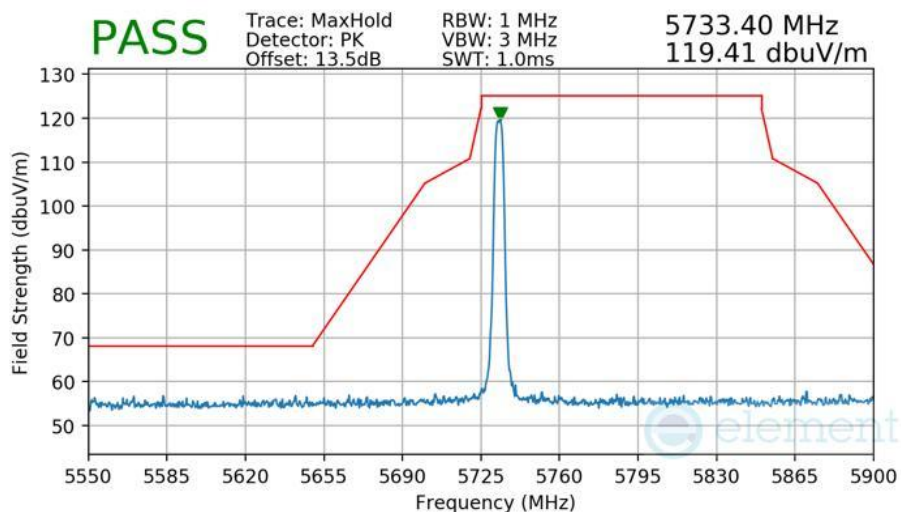


Plot 7-404 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 256 of 272                   |

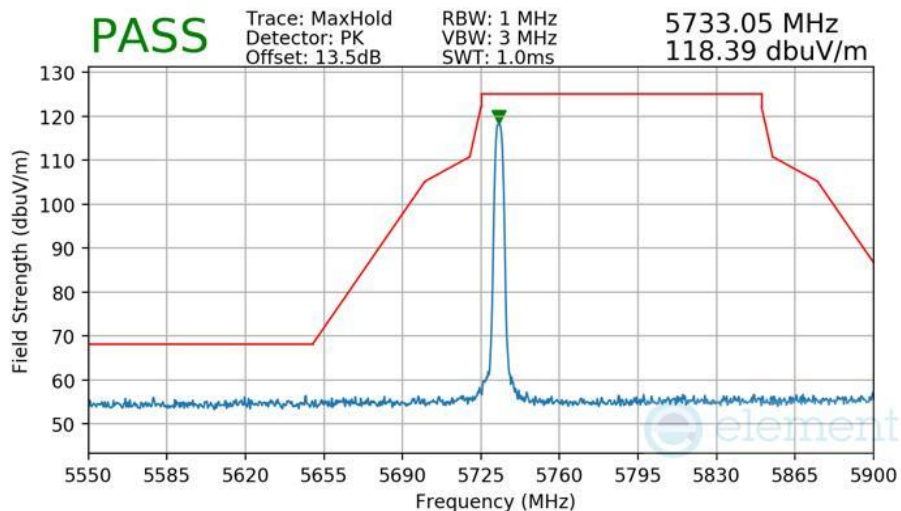
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



Plot 7-405 Radiated Lower Band Edge Measurement Antenna TxBF

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5733MHz



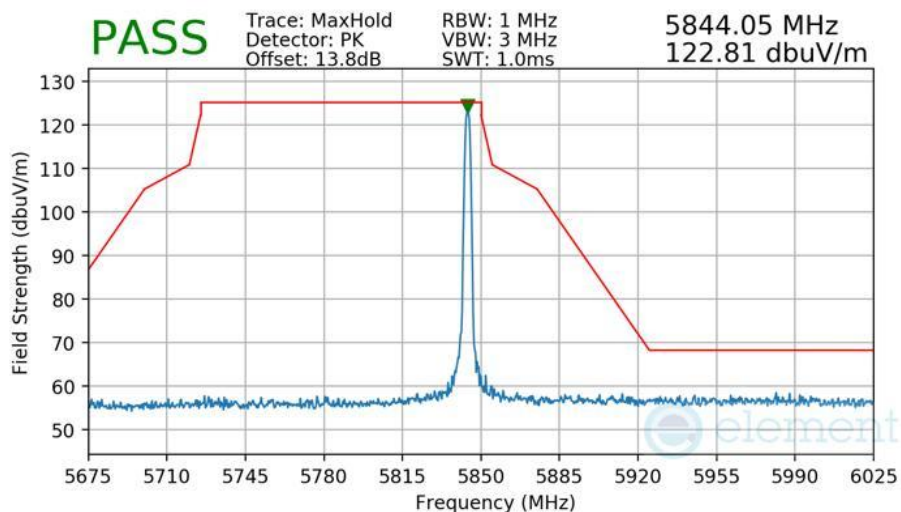
Plot 7-406 Radiated Lower Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 257 of 272                   |

V 11.0 06/2025

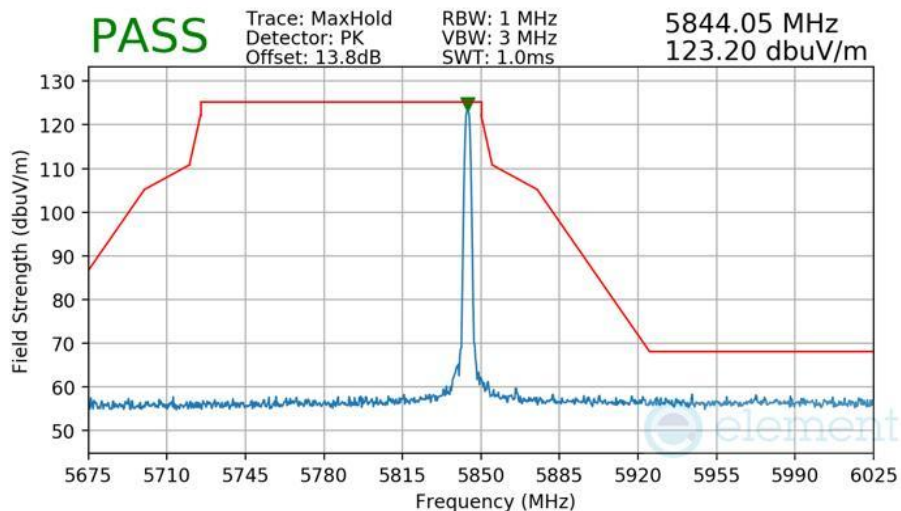
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**Mode** BDR  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-407 Radiated Upper Band Edge Measurement Antenna TxBF

**Mode** LE1M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

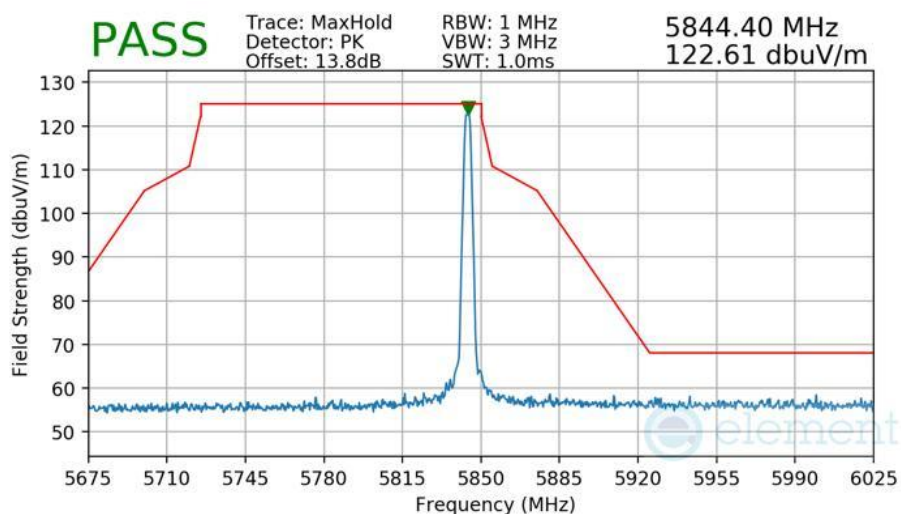


Plot 7-408 Radiated Upper Band Edge Measurement Antenna TxBF

|                                                   |                                                                                     |                                               |  |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|--|------------------------------------------|
| FCC ID: BCGA3459                                  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |  | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100079-10-R6.BCG | <b>Test Dates:</b><br>09/18/2025 - 12/23/2025                                       | <b>EUT Type:</b><br>Tablet Device             |  | Page 258 of 272                          |

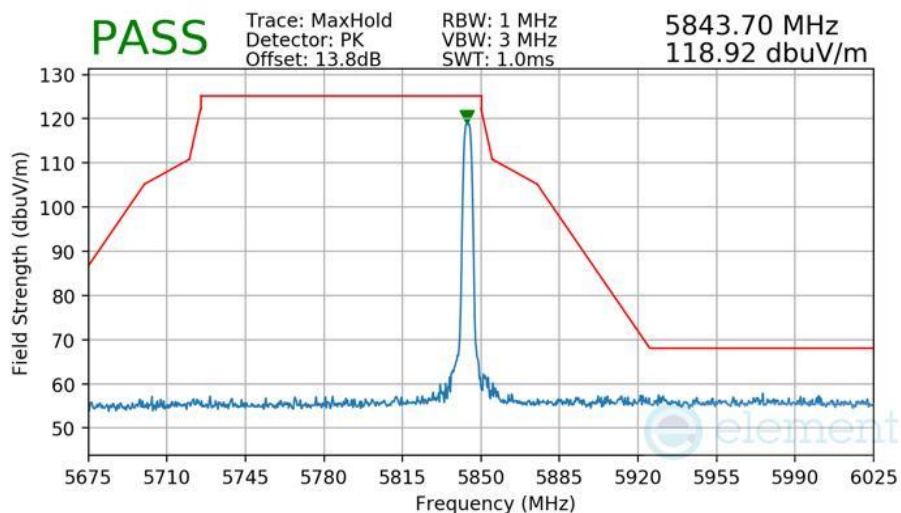
V 11.0 06/2025

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-409 Radiated Upper Band Edge Measurement Antenna TxBF

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

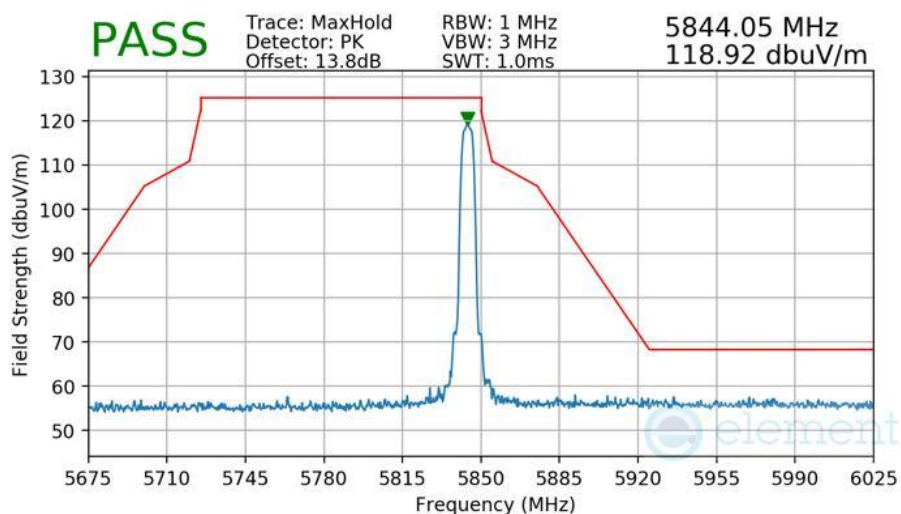


Plot 7-410 Radiated Upper Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 259 of 272                   |

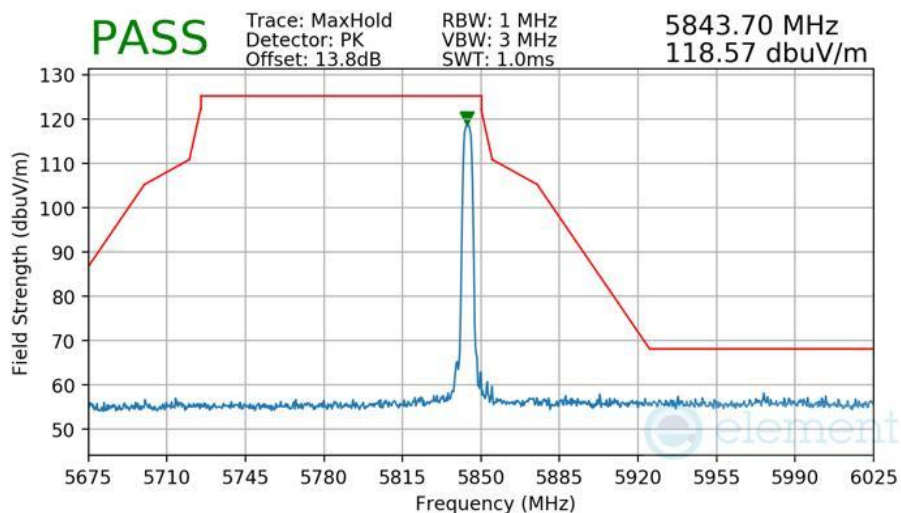
V 11.0 06/2025

|                         |          |
|-------------------------|----------|
| Mode                    | HDR8     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5844MHz  |



Plot 7-411 Radiated Upper Band Edge Measurement Antenna TxBF

|                         |          |
|-------------------------|----------|
| Mode                    | XHDRPS2  |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 5844MHz  |

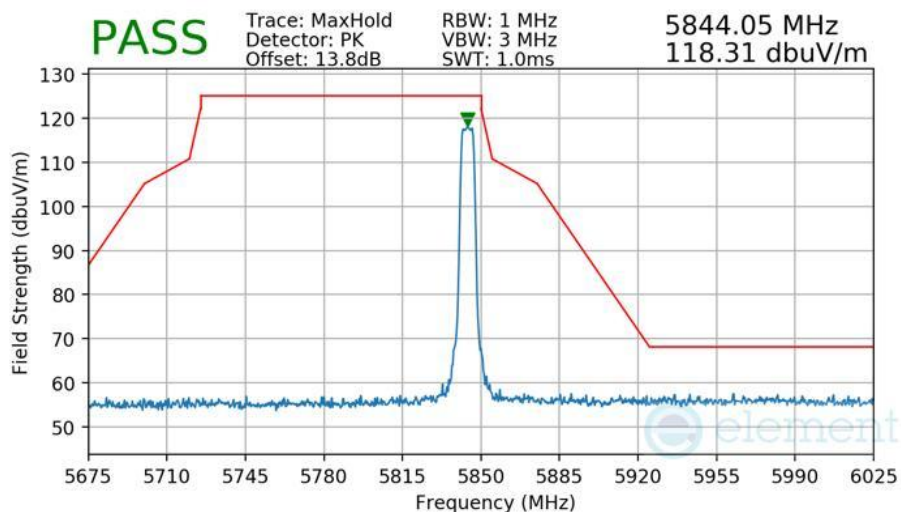


Plot 7-412 Radiated Upper Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                               |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                        | EUT Type:<br>Tablet Device | Page 260 of 272                   |

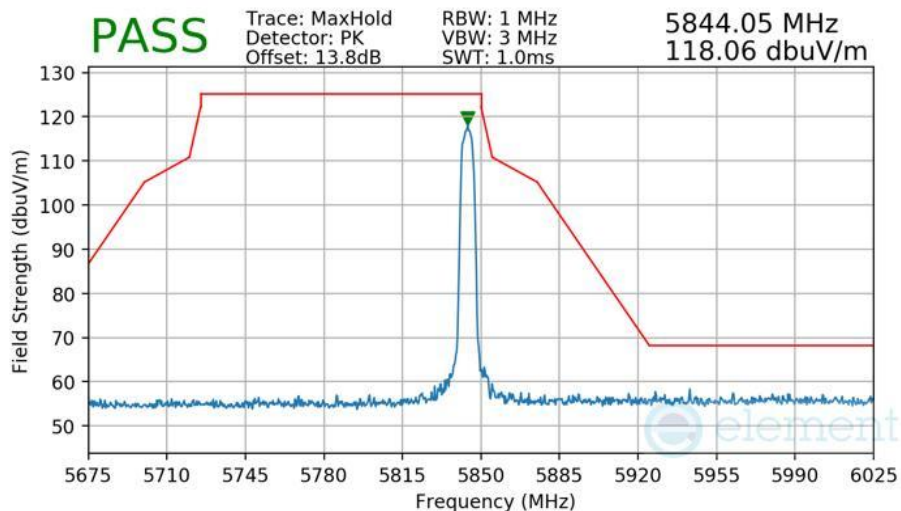
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**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-413 Radiated Upper Band Edge Measurement Antenna TxBF

**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

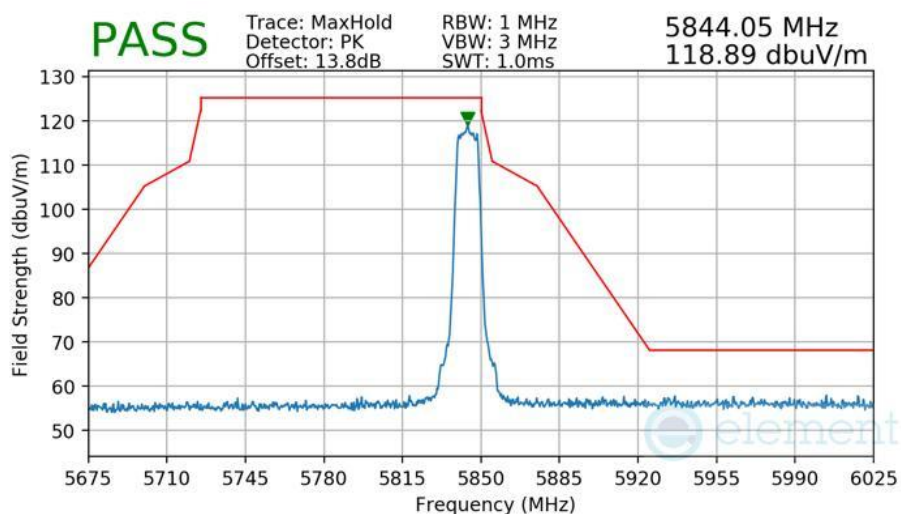


Plot 7-414 Radiated Upper Band Edge Measurement Antenna TxBF

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                            | EUT Type:<br>Tablet Device | Page 261 of 272                   |

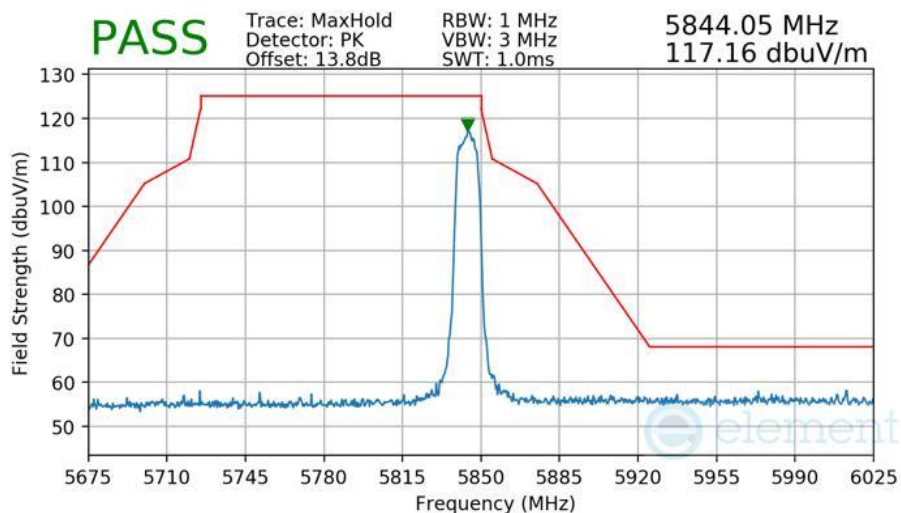
V 11.0 06/2025

**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-415 Radiated Upper Band Edge Measurement Antenna TxBF

**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz

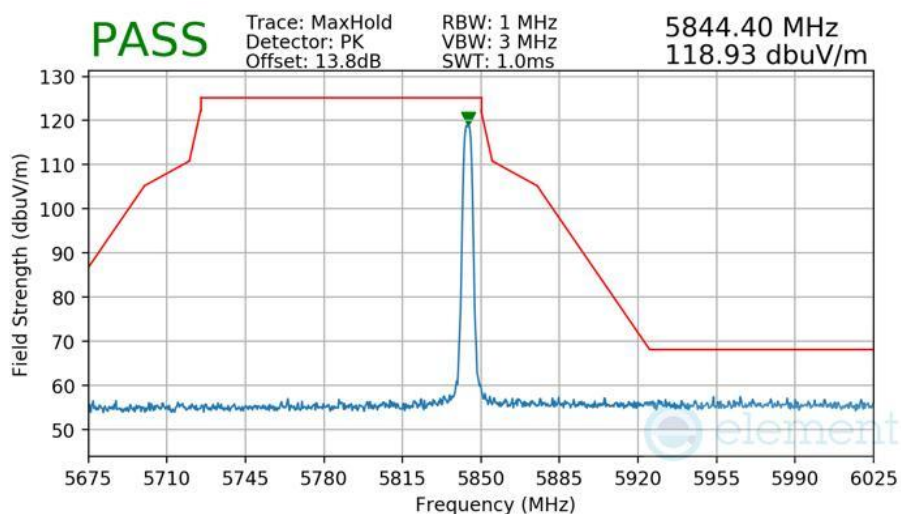


Plot 7-416 Radiated Upper Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 262 of 272                   |

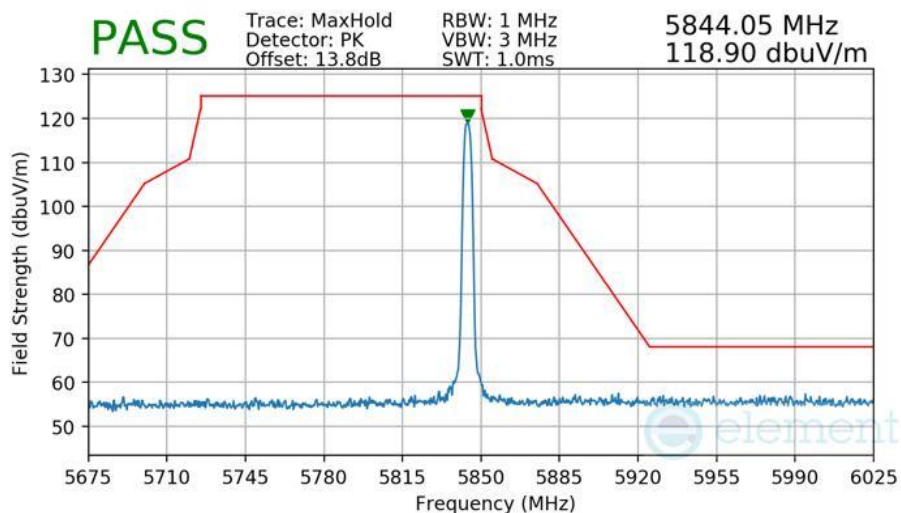
V 11.0 06/2025

**Mode** HDT2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-417 Radiated Upper Band Edge Measurement Antenna TxBF

**Mode** HDT8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 5844MHz



Plot 7-418 Radiated Upper Band Edge Measurement Antenna TxBF

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 263 of 272                   |

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## 7.7 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 7-39 per Section 15.209.***

| Frequency         | Field Strength<br>[μV/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 7-39. Radiated Limits**

### Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024

### 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

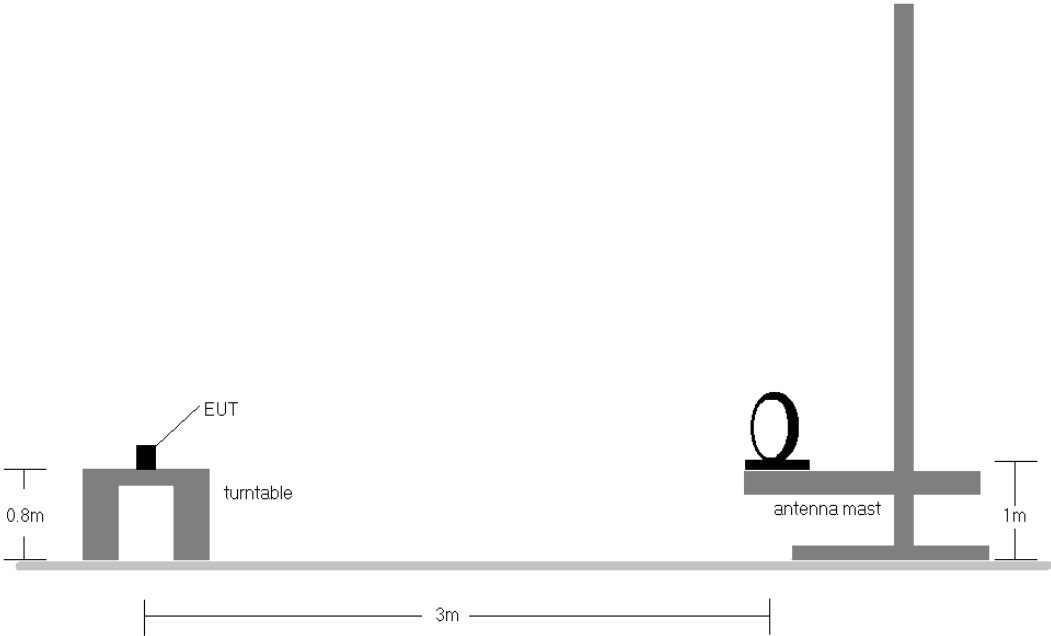
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 264 of 272                   |

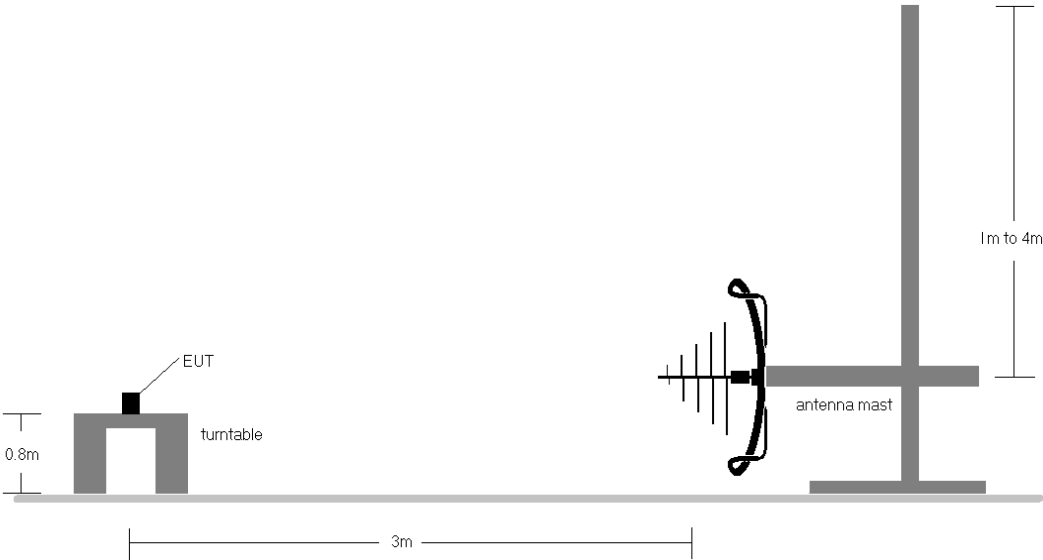
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**Test Setup**

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: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 265 of 272                   |

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## Test Notes

1. All emissions lying in restricted bands specified in §15.205 are below the limit shown in Table 7-39.
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  $_{[dB\mu V/m]} = \text{Analyzer Level }_{[dBm]} + 107 + \text{AFCL }_{[dB/m]}$
- $\text{AFCL }_{[dB/m]} = \text{Antenna Factor }_{[dB/m]} + \text{Cable Loss }_{[dB]} - \text{Preamplifier Gain }_{[dB]}$
- $\text{Margin }_{[dB]} = \text{Field Strength Level }_{[dB\mu V/m]} - \text{Limit }_{[dB\mu V/m]}$

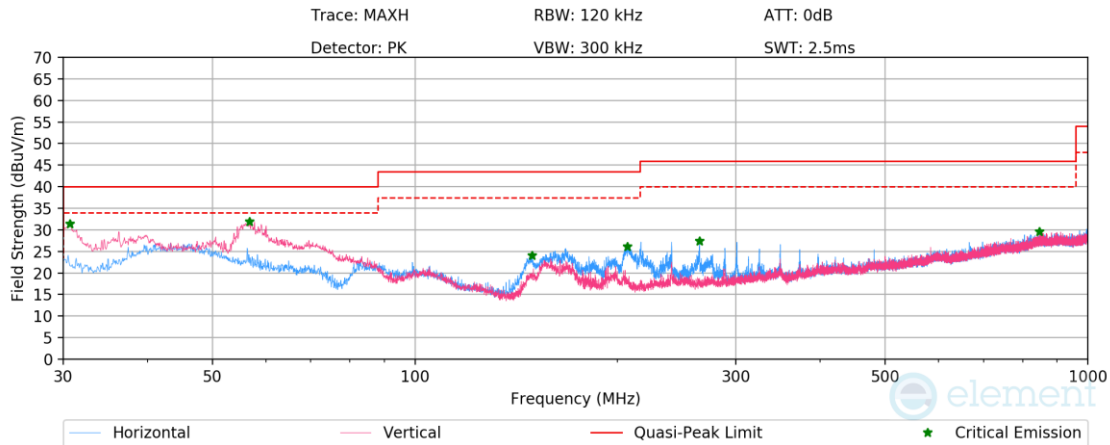
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                            | EUT Type:<br>Tablet Device | Page 266 of 272                   |

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## Radiated Spurious Emissions (Below 1GHz)

**\$15.209**

**TxBF**



**Plot 7-419. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII BDR ePA – 5844MHz), with AC/DC adaptor**

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 30.69           | Max-Peak | V               | 100                 | -                          | -56.27               | -19.30      | 31.42                   | 40.00          | -8.58       |
| 56.79           | Max-Peak | V               | 100                 | -                          | -59.05               | -16.03      | 31.92                   | 40.00          | -8.08       |
| 149.31          | Max-Peak | H               | 200                 | -                          | -61.75               | -21.18      | 24.07                   | 43.50          | -19.43      |
| 206.91          | Max-Peak | H               | 100                 | -                          | -62.79               | -18.12      | 26.09                   | 43.50          | -17.41      |
| 264.87          | Max-Peak | H               | 100                 | -                          | -63.31               | -16.24      | 27.45                   | 46.00          | -18.55      |
| 847.63          | Max-Peak | H               | 200                 | -                          | -72.69               | -4.70       | 29.61                   | 46.00          | -16.39      |

**Table 7-40. Radiated Spurious Emissions Below 1GHz TxBF (NB UNII BDR ePA – 5844MHz), with AC/DC adaptor**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 267 of 272                   |

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## 7.8 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<br>(MHz) | Conducted Limit (dBμV) |           |
|--------------------------------|------------------------|-----------|
|                                | Quasi-peak             | Average   |
| 0.15 – 0.5                     | 66 to 56*              | 56 to 46* |
| 0.5 – 5                        | 56                     | 46        |
| 5 – 30                         | 60                     | 50        |

**Table 7-41. Conducted Limits**

\*Decreases with the logarithm of the frequency.

#### Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024, 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

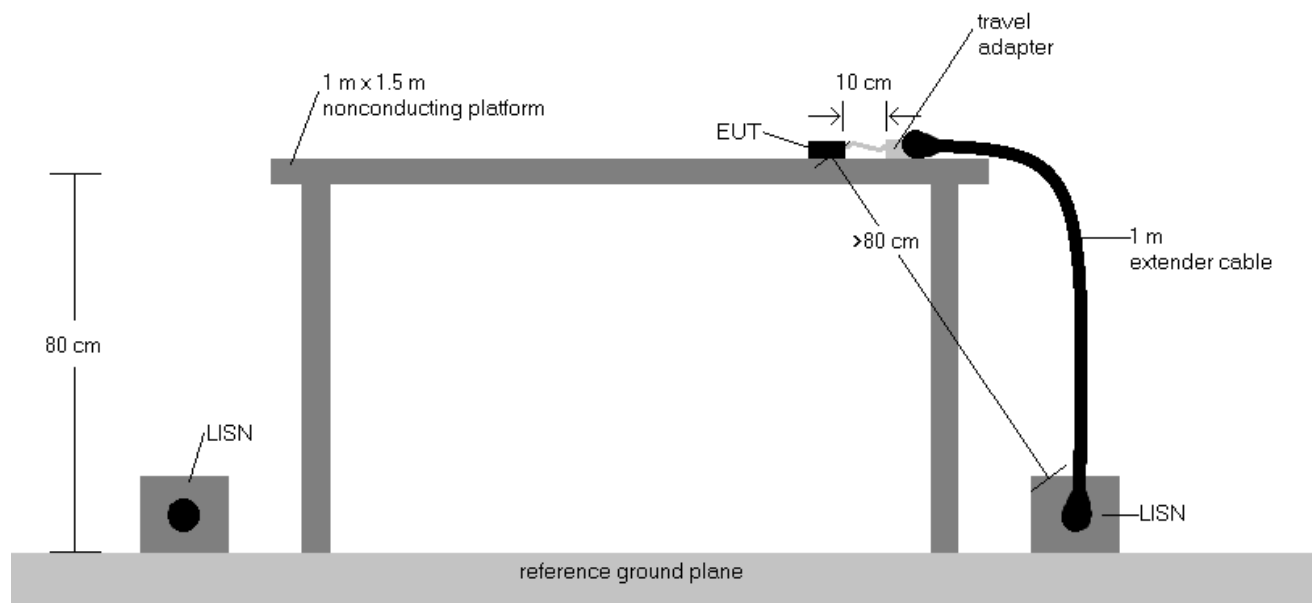
1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 268 of 272                   |

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## Test Setup

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



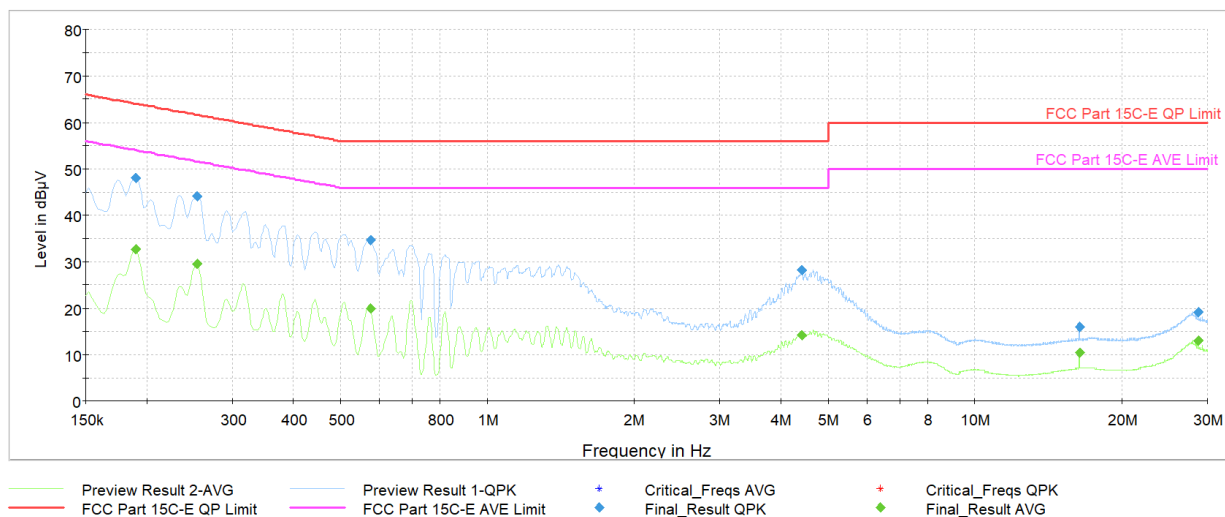
**Figure 7-8. Test Instrument & Measurement Setup**

## 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: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 269 of 272                   |

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**Plot 7-420. AC Line Conducted Plot TxBF (NB UNII BDR ePA – 5844MHz) (L1) with AC/DC adaptor**

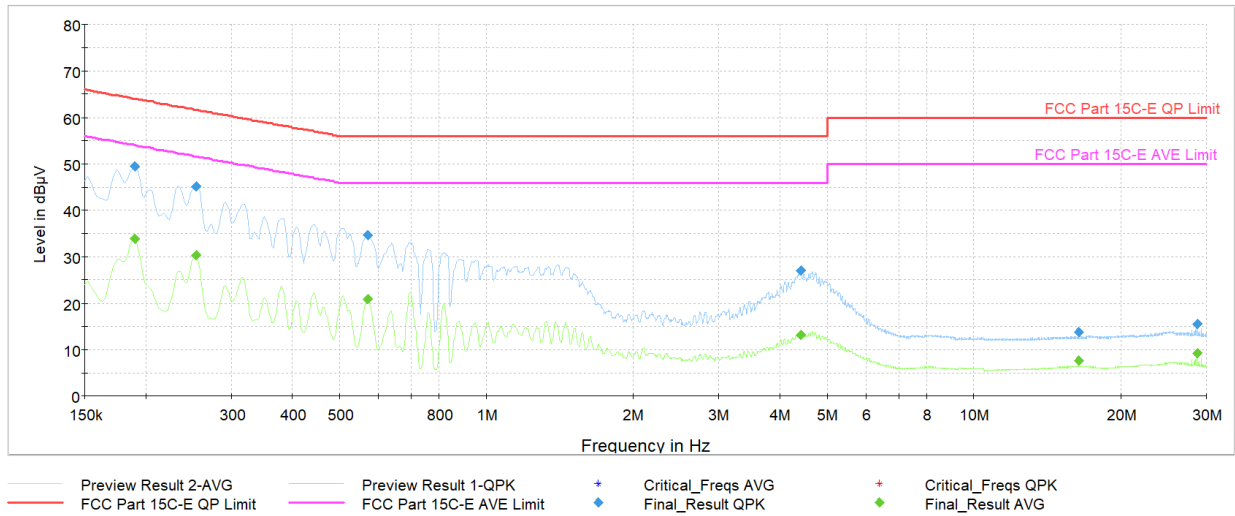
| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.191           | FINAL         | —                | 32.71          | 54.02        | -21.30      | L1   | GND |
| 0.191           | FINAL         | 48.0             | —              | 64.02        | -15.98      | L1   | GND |
| 0.254           | FINAL         | —                | 29.55          | 51.64        | -22.09      | L1   | GND |
| 0.254           | FINAL         | 44.1             | —              | 61.64        | -17.58      | L1   | GND |
| 0.575           | FINAL         | —                | 19.86          | 46.00        | -26.14      | L1   | GND |
| 0.575           | FINAL         | 34.8             | —              | 56.00        | -21.24      | L1   | GND |
| 4.423           | FINAL         | 28.3             | —              | 56.00        | -27.74      | L1   | GND |
| 4.423           | FINAL         | —                | 14.25          | 46.00        | -31.75      | L1   | GND |
| 16.364          | FINAL         | 15.9             | —              | 60.00        | -44.07      | L1   | GND |
| 16.364          | FINAL         | —                | 10.48          | 50.00        | -39.52      | L1   | GND |
| 28.687          | FINAL         | —                | 12.97          | 50.00        | -37.03      | L1   | GND |
| 28.687          | FINAL         | 19.2             | —              | 60.00        | -40.84      | L1   | GND |

**Table 7-42. AC Line Conducted Data TxBF (NB UNII BDR ePA – 5844MHz) (L1) with AC/DC adaptor**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 270 of 272                   |

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**Plot 7-421. AC Line Conducted Plot TxBF (NB UNII BDR ePA – 5844MHz) (N) with AC/DC adaptor**

| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE  |
|-----------------|---------------|------------------|----------------|--------------|-------------|------|-----|
| 0.191           | FINAL         | —                | 33.93          | 54.02        | -20.08      | N    | GND |
| 0.191           | FINAL         | 49.5             | —              | 64.02        | -14.56      | N    | GND |
| 0.254           | FINAL         | —                | 30.44          | 51.64        | -21.20      | N    | GND |
| 0.254           | FINAL         | 45.2             | —              | 61.64        | -16.45      | N    | GND |
| 0.571           | FINAL         | —                | 20.96          | 46.00        | -25.04      | N    | GND |
| 0.571           | FINAL         | 34.6             | —              | 56.00        | -21.39      | N    | GND |
| 4.418           | FINAL         | 27.1             | —              | 56.00        | -28.93      | N    | GND |
| 4.418           | FINAL         | —                | 13.15          | 46.00        | -32.85      | N    | GND |
| 16.368          | FINAL         | 13.8             | —              | 60.00        | -46.22      | N    | GND |
| 16.368          | FINAL         | —                | 7.63           | 50.00        | -42.37      | N    | GND |
| 28.685          | FINAL         | —                | 9.18           | 50.00        | -40.82      | N    | GND |
| 28.687          | FINAL         | 15.5             | —              | 60.00        | -44.52      | N    | GND |

**Table 7-43. AC Line Conducted TxBF (NB UNII BDR ePA – 5844MHz) (N) with AC/DC adaptor**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                              | EUT Type:<br>Tablet Device            | Page 271 of 272                   |

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## 8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device** **FCC ID: BCGA3459** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3459                           |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100079-10-R6.BCG | Test Dates:<br>09/18/2025 - 12/23/2025                                                                                            | EUT Type:<br>Tablet Device | Page 272 of 272                   |

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