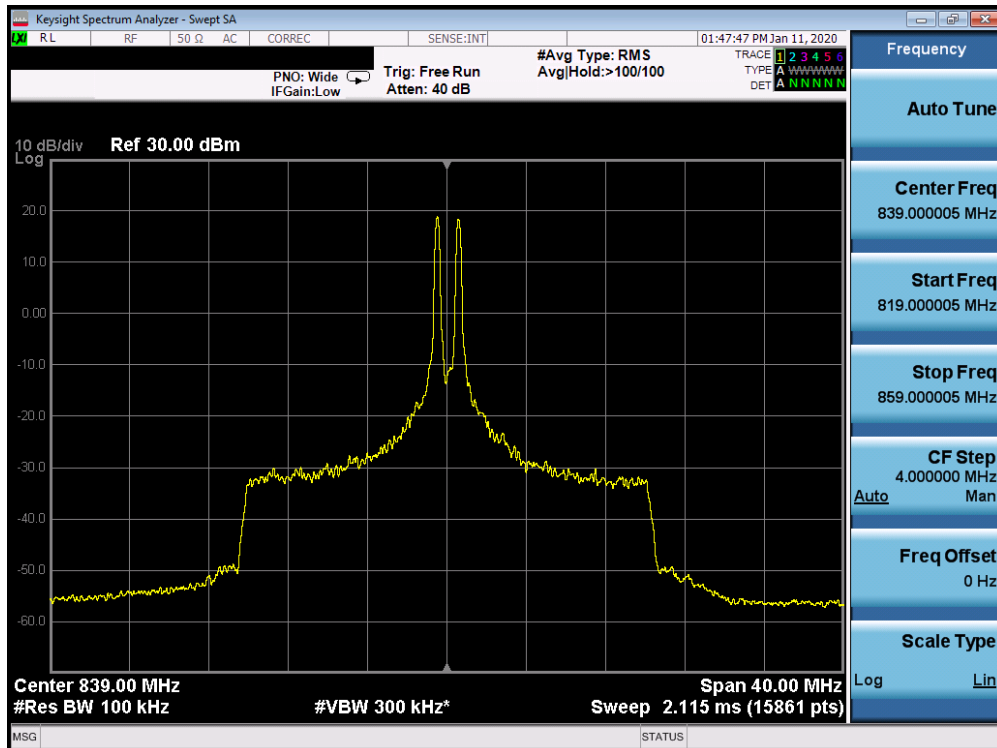
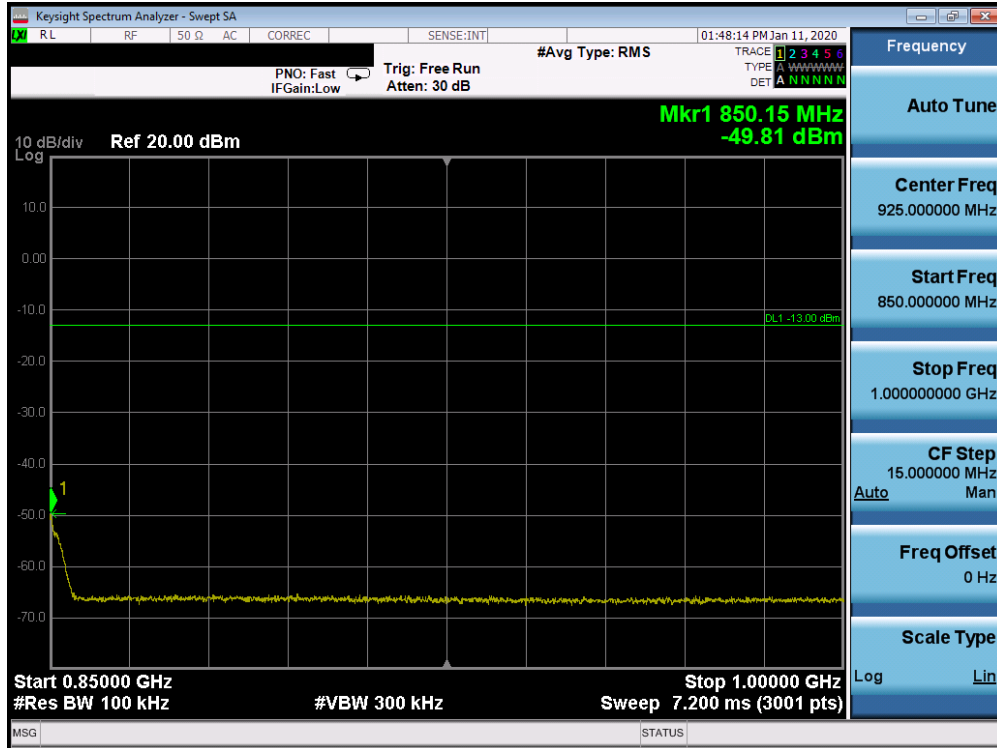


Plot 7-430. Conducted Spurious Plot (Band 5 – 10.0MHz QPSK – PCC 1/49 SCC 1/0 – High Channel)

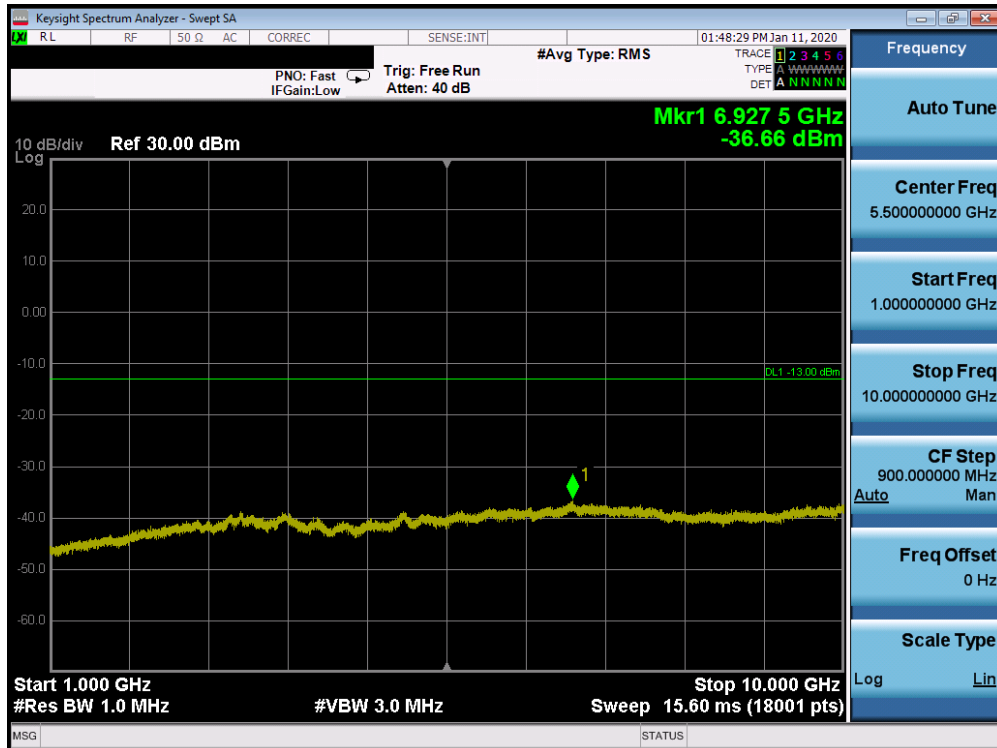


Plot 7-431. Conducted Spurious Plot (Band 5 – 10.0MHz QPSK – PCC 1/49 SCC 1/0 – High Channel)

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 | PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 257 of 421 |

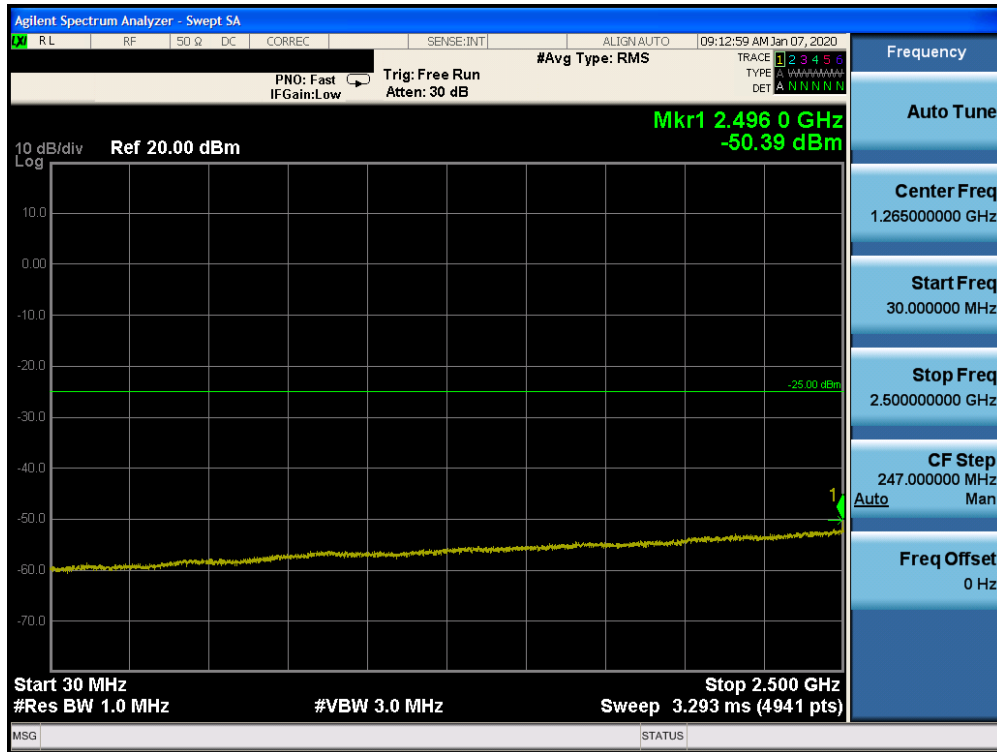


Plot 7-432. Conducted Spurious Plot (Band 5 – 10.0MHz QPSK – PCC 1/49 SCC 1/0 – High Channel)

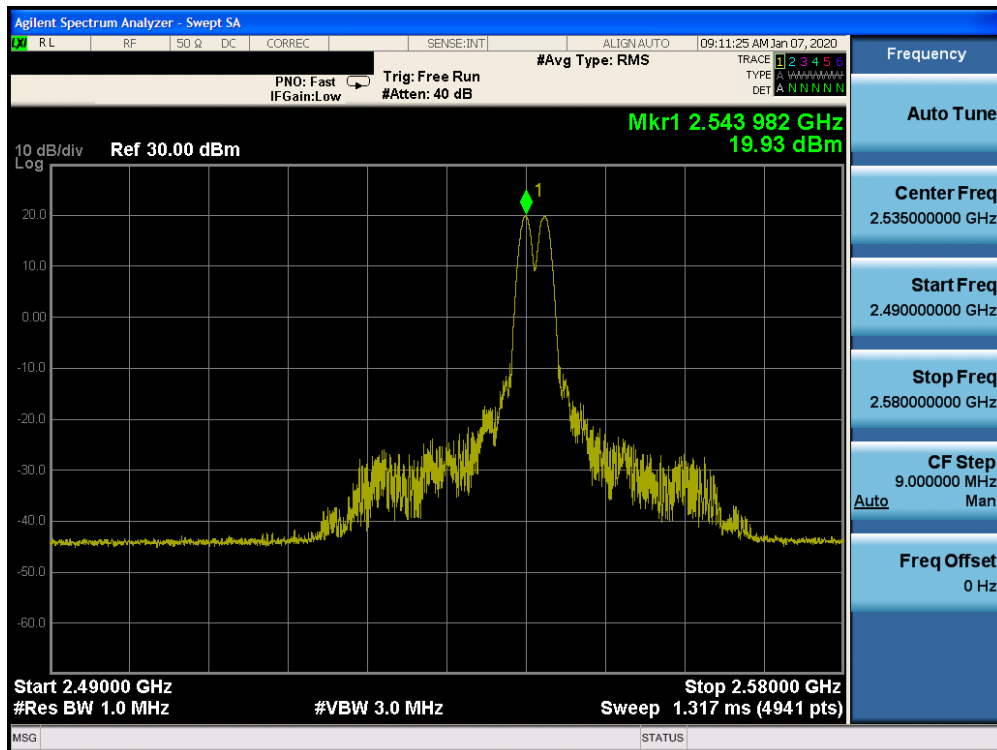


Plot 7-433. Conducted Spurious Plot (Band 5 – 10.0MHz QPSK – PCC 1/49 SCC 1/0 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 258 of 421 |

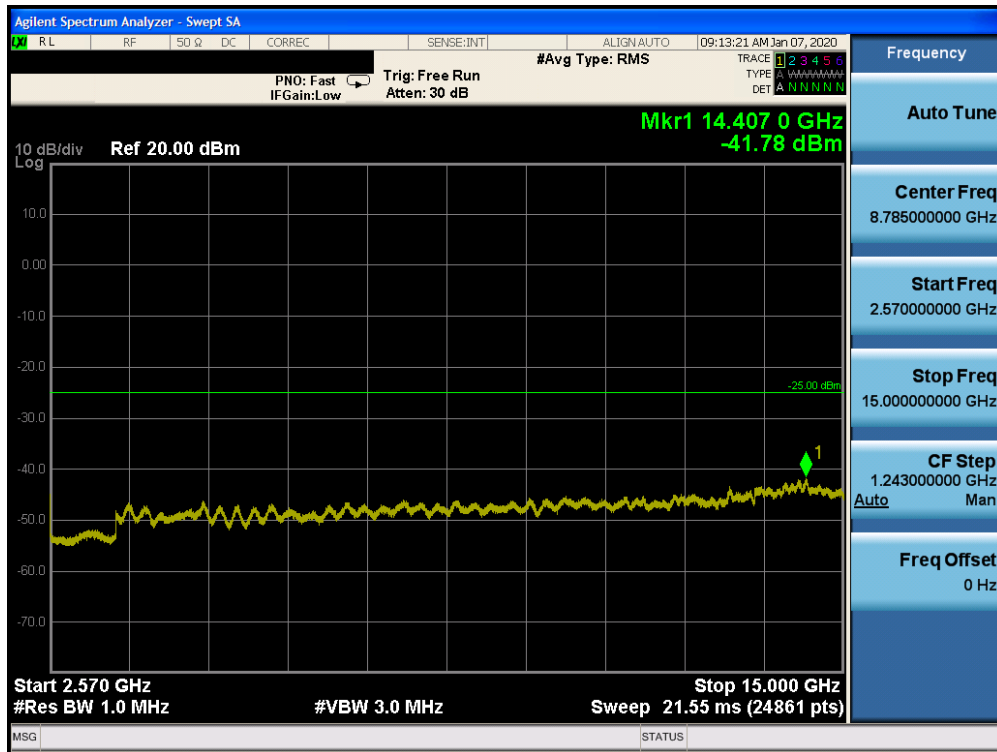


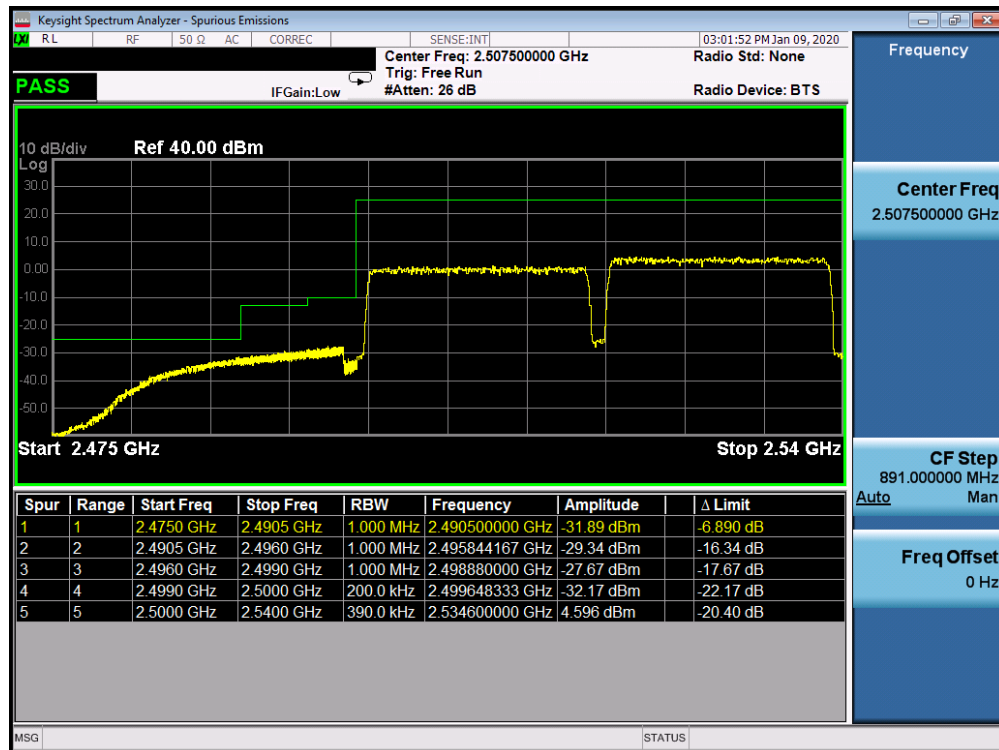
Plot 7-436. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)



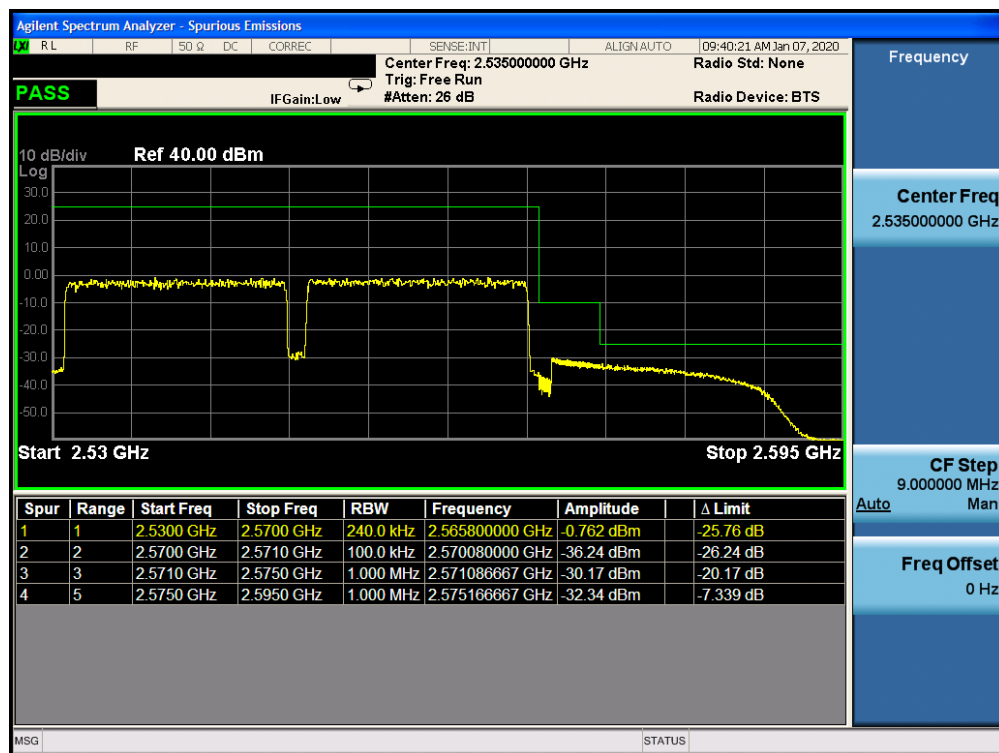
Plot 7-437. Conducted Spurious Plot (Band 7 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 260 of 421 |



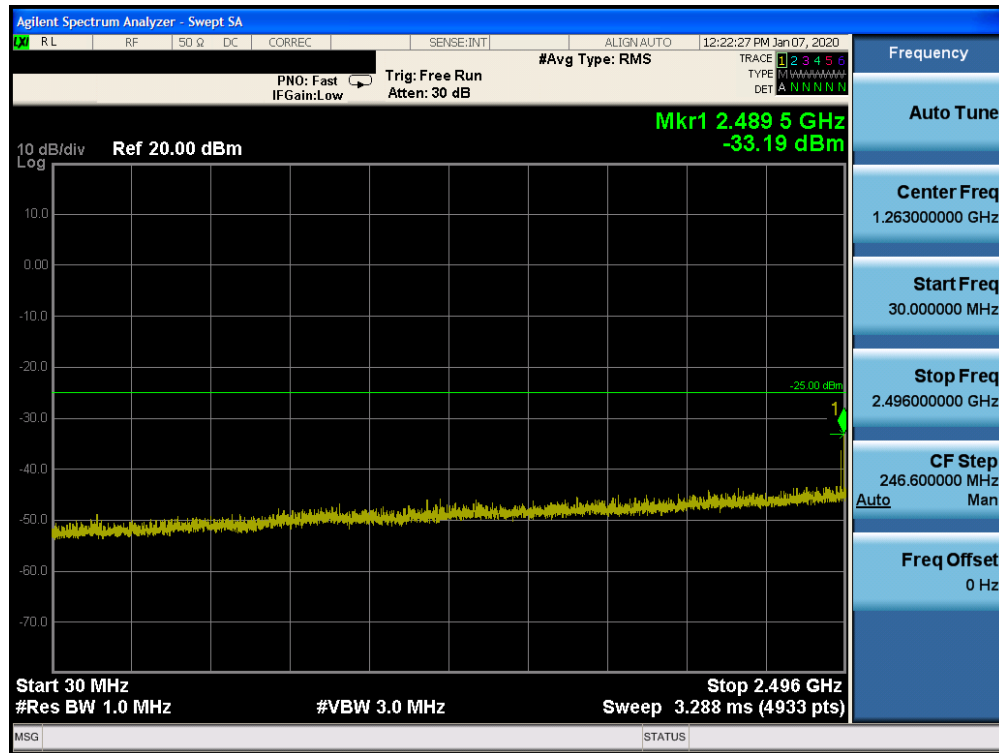


Plot 7-440. Lower ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

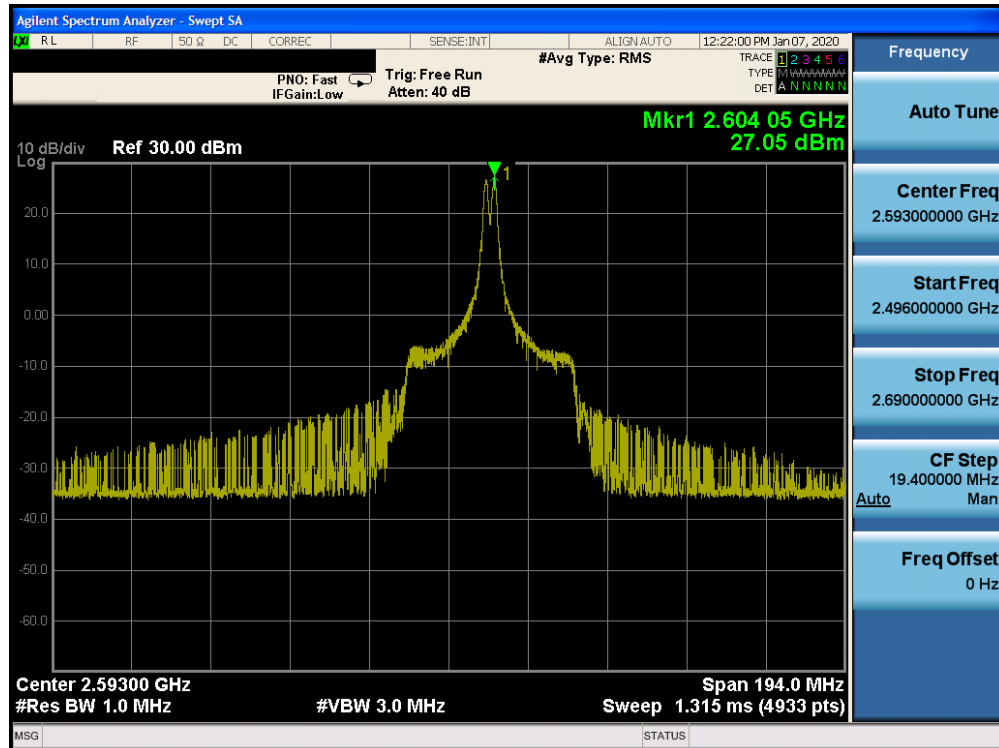


Plot 7-441. Upper ACP Plot (Band 7 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 262 of 421 |

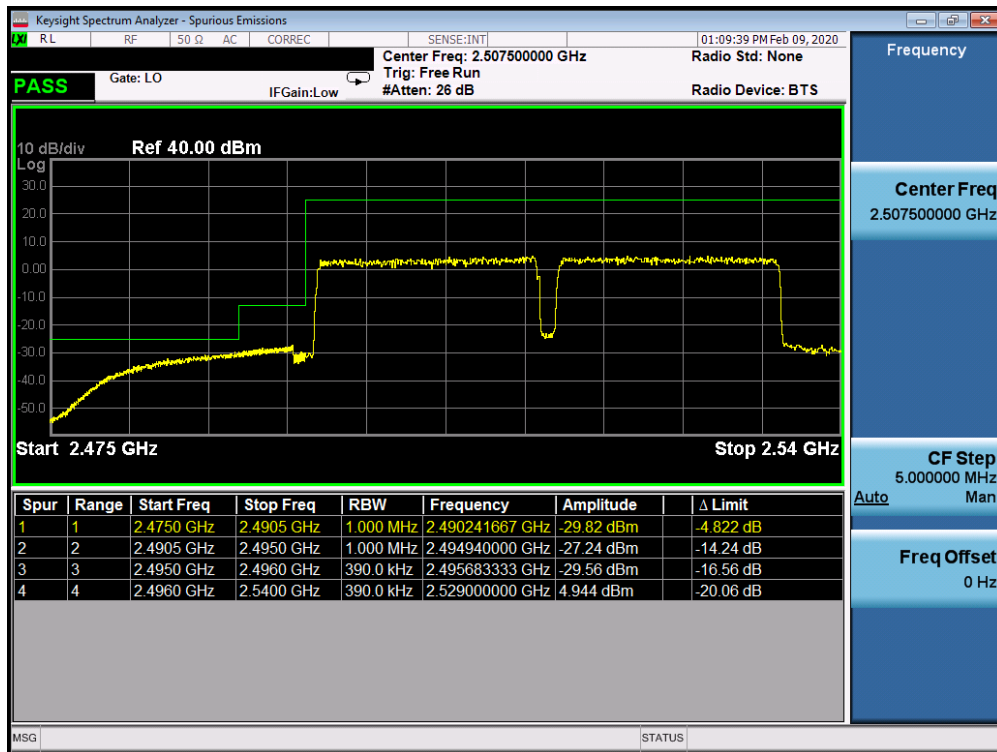


Plot 7-442. Conducted Spurious Plot (41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

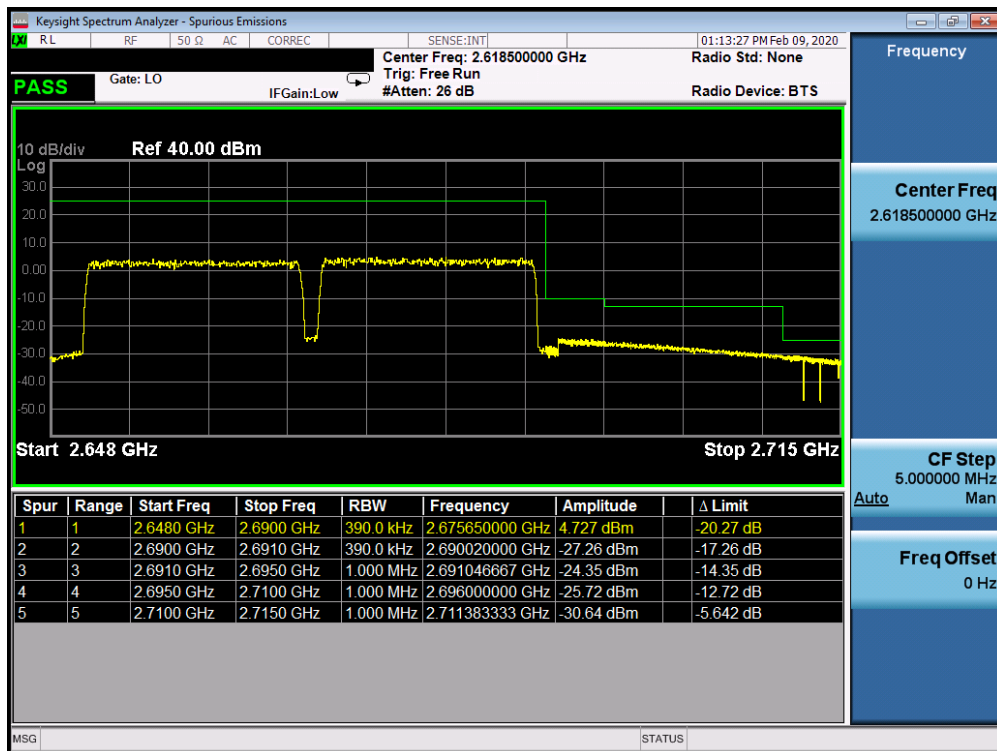


Plot 7-443. Conducted Spurious Plot (41 – 20.0MHz QPSK – PCC 1/99 SCC 1/0 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 263 of 421 |



Plot 7-446. Lower ACP Plot (41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)



Plot 7-447. Upper ACP Plot (41 QPSK – PCC:20 MHz SCC:20 MHz – Full RB)

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 | PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 265 of 421 |

7.8 Radiated Power (ERP/EIRP)

Test Overview

Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI/TIA-603-E-2016 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using vertically and horizontally polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.2.1

Test Settings

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured is:

$$\text{ERP/EIRP} = \text{PMeas} - \text{LC} + \text{GT}$$

Where:

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm)

PMeas = measured transmitter output power or PSD, in dBW or dBm

LC = signal attenuation in the connecting cable between the transmitter and antenna in dB

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

Test Setup

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



Figure 7-7. ERP/EIRP Measurement Setup

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.
- 3) The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
- 4) The Ant. Gains (GT) are listed in dBi.
- 5) Refer to Table 2-3 Section 2.3 of this test report for correlation between Antennas and Ports.

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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7.8.1 Port-A Radiated Power (ERP/EIRP)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|
| 665.50 | 5 | QPSK | 1 / 0 | 25.70 | -1.20 | 22.35 | 0.172 | 34.77 | -12.42 |
| 680.50 | 5 | QPSK | 1 / 24 | 25.70 | -1.20 | 22.35 | 0.172 | 34.77 | -12.42 |
| 695.50 | 5 | QPSK | 1 / 24 | 25.46 | -1.20 | 22.11 | 0.163 | 34.77 | -12.66 |
| 665.50 | 5 | 16-QAM | 1 / 0 | 24.85 | -1.20 | 21.50 | 0.141 | 34.77 | -13.27 |
| 665.50 | 5 | 64-QAM | 1 / 0 | 24.01 | -1.20 | 20.66 | 0.116 | 34.77 | -14.11 |
| 668.00 | 10 | QPSK | 1 / 0 | 25.69 | -1.20 | 22.34 | 0.171 | 34.77 | -12.43 |
| 680.50 | 10 | QPSK | 1 / 49 | 25.60 | -1.20 | 22.25 | 0.168 | 34.77 | -12.52 |
| 693.00 | 10 | QPSK | 1 / 0 | 25.67 | -1.20 | 22.32 | 0.171 | 34.77 | -12.45 |
| 668.00 | 10 | 16-QAM | 1 / 0 | 25.01 | -1.20 | 21.66 | 0.147 | 34.77 | -13.11 |
| 668.00 | 10 | 64-QAM | 1 / 0 | 23.95 | -1.20 | 20.60 | 0.115 | 34.77 | -14.17 |
| 670.50 | 15 | QPSK | 1 / 0 | 25.62 | -1.20 | 22.27 | 0.169 | 34.77 | -12.50 |
| 680.50 | 15 | QPSK | 1 / 0 | 25.54 | -1.20 | 22.19 | 0.166 | 34.77 | -12.58 |
| 690.50 | 15 | QPSK | 1 / 0 | 25.54 | -1.20 | 22.19 | 0.166 | 34.77 | -12.58 |
| 670.50 | 15 | 16-QAM | 1 / 0 | 24.85 | -1.20 | 21.50 | 0.141 | 34.77 | -13.27 |
| 670.50 | 15 | 64-QAM | 1 / 0 | 23.84 | -1.20 | 20.49 | 0.112 | 34.77 | -14.28 |
| 673.00 | 20 | QPSK | 1 / 0 | 25.64 | -1.20 | 22.29 | 0.169 | 34.77 | -12.48 |
| 680.50 | 20 | QPSK | 1 / 99 | 25.67 | -1.20 | 22.32 | 0.171 | 34.77 | -12.45 |
| 688.00 | 20 | QPSK | 1 / 0 | 25.43 | -1.20 | 22.08 | 0.161 | 34.77 | -12.69 |
| 680.50 | 20 | 16-QAM | 1 / 99 | 24.91 | -1.20 | 21.56 | 0.143 | 34.77 | -13.21 |
| 680.50 | 20 | 64-QAM | 1 / 99 | 23.91 | -1.20 | 20.56 | 0.114 | 34.77 | -14.21 |

Table 7-36. ERP Data (Band 71)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 268 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 699.70 | 1.4 | QPSK | 1 / 0 | 25.45 | -1.20 | 22.10 | 0.162 | 34.77 | -12.67 | 24.25 | 0.266 | 36.99 | -12.74 |
| 707.50 | 1.4 | QPSK | 1 / 5 | 25.64 | -1.20 | 22.29 | 0.169 | 34.77 | -12.48 | 24.44 | 0.278 | 36.99 | -12.55 |
| 715.30 | 1.4 | QPSK | 1 / 5 | 25.70 | -1.20 | 22.35 | 0.172 | 34.77 | -12.42 | 24.50 | 0.282 | 36.99 | -12.49 |
| 715.30 | 1.4 | 16-QAM | 1 / 0 | 24.89 | -1.20 | 21.54 | 0.143 | 34.77 | -13.23 | 23.69 | 0.234 | 36.99 | -13.30 |
| 715.30 | 1.4 | 64-QAM | 1 / 0 | 23.89 | -1.20 | 20.54 | 0.113 | 34.77 | -14.23 | 22.69 | 0.186 | 36.99 | -14.30 |
| 700.50 | 3 | QPSK | 1 / 14 | 25.55 | -1.20 | 22.20 | 0.166 | 34.77 | -12.57 | 24.35 | 0.272 | 36.99 | -12.64 |
| 707.50 | 3 | QPSK | 1 / 0 | 25.59 | -1.20 | 22.24 | 0.167 | 34.77 | -12.53 | 24.39 | 0.275 | 36.99 | -12.60 |
| 714.50 | 3 | QPSK | 1 / 14 | 25.57 | -1.20 | 22.22 | 0.167 | 34.77 | -12.55 | 24.37 | 0.274 | 36.99 | -12.62 |
| 707.50 | 3 | 16-QAM | 1 / 0 | 24.95 | -1.20 | 21.60 | 0.145 | 34.77 | -13.17 | 23.75 | 0.237 | 36.99 | -13.24 |
| 707.50 | 3 | 64-QAM | 1 / 0 | 23.81 | -1.20 | 20.46 | 0.111 | 34.77 | -14.31 | 22.61 | 0.182 | 36.99 | -14.38 |
| 701.50 | 5 | QPSK | 1 / 24 | 25.50 | -1.20 | 22.15 | 0.164 | 34.77 | -12.62 | 24.30 | 0.269 | 36.99 | -12.69 |
| 707.50 | 5 | QPSK | 1 / 0 | 25.51 | -1.20 | 22.16 | 0.164 | 34.77 | -12.61 | 24.31 | 0.270 | 36.99 | -12.68 |
| 713.50 | 5 | QPSK | 1 / 24 | 25.61 | -1.20 | 22.26 | 0.168 | 34.77 | -12.51 | 24.41 | 0.276 | 36.99 | -12.58 |
| 713.50 | 5 | 16-QAM | 1 / 24 | 24.63 | -1.20 | 21.28 | 0.134 | 34.77 | -13.49 | 23.43 | 0.220 | 36.99 | -13.56 |
| 713.50 | 5 | 64-QAM | 1 / 24 | 24.00 | -1.20 | 20.65 | 0.116 | 34.77 | -14.12 | 22.80 | 0.191 | 36.99 | -14.19 |
| 704.00 | 10 | QPSK | 1 / 49 | 25.49 | -1.20 | 22.14 | 0.164 | 34.77 | -12.63 | 24.29 | 0.269 | 36.99 | -12.70 |
| 707.50 | 10 | QPSK | 1 / 0 | 25.64 | -1.20 | 22.29 | 0.169 | 34.77 | -12.48 | 24.44 | 0.278 | 36.99 | -12.55 |
| 711.00 | 10 | QPSK | 1 / 49 | 25.61 | -1.20 | 22.26 | 0.168 | 34.77 | -12.51 | 24.41 | 0.276 | 36.99 | -12.58 |
| 707.50 | 10 | 16-QAM | 1 / 0 | 24.88 | -1.20 | 21.53 | 0.142 | 34.77 | -13.24 | 23.68 | 0.233 | 36.99 | -13.31 |
| 707.50 | 10 | 64-QAM | 1 / 0 | 23.74 | -1.20 | 20.39 | 0.109 | 34.77 | -14.38 | 22.54 | 0.179 | 36.99 | -14.45 |

Table 7-37. ERP Data (Band 12)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 706.50 | 5 | QPSK | 1 / 0 | 25.54 | -1.20 | 22.19 | 0.166 | 34.77 | -12.58 | 24.34 | 0.272 | 36.99 | -12.65 |
| 710.00 | 5 | QPSK | 1 / 0 | 25.53 | -1.20 | 22.18 | 0.165 | 34.77 | -12.59 | 24.33 | 0.271 | 36.99 | -12.66 |
| 713.50 | 5 | QPSK | 1 / 24 | 25.64 | -1.20 | 22.29 | 0.169 | 34.77 | -12.48 | 24.44 | 0.278 | 36.99 | -12.55 |
| 713.50 | 5 | 16-QAM | 1 / 24 | 24.66 | -1.20 | 21.31 | 0.135 | 34.77 | -13.46 | 23.46 | 0.222 | 36.99 | -13.53 |
| 713.50 | 5 | 64-QAM | 1 / 24 | 23.81 | -1.20 | 20.46 | 0.111 | 34.77 | -14.31 | 22.61 | 0.182 | 36.99 | -14.38 |
| 709.00 | 10 | QPSK | 1 / 0 | 25.61 | -1.20 | 22.26 | 0.168 | 34.77 | -12.51 | 24.41 | 0.276 | 36.99 | -12.58 |
| 710.00 | 10 | QPSK | 1 / 49 | 25.58 | -1.20 | 22.23 | 0.167 | 34.77 | -12.54 | 24.38 | 0.274 | 36.99 | -12.61 |
| 711.00 | 10 | QPSK | 1 / 49 | 25.70 | -1.20 | 22.35 | 0.172 | 34.77 | -12.42 | 24.50 | 0.282 | 36.99 | -12.49 |
| 711.00 | 10 | 16-QAM | 1 / 0 | 24.98 | -1.20 | 21.63 | 0.146 | 34.77 | -13.14 | 23.78 | 0.239 | 36.99 | -13.21 |
| 711.00 | 10 | 64-QAM | 1 / 49 | 23.90 | -1.20 | 20.55 | 0.114 | 34.77 | -14.22 | 22.70 | 0.186 | 36.99 | -14.29 |

Table 7-38. ERP Data (Band 17)

| | | | | | | | | | | | | | |
|---|---|---------------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | | | | | | Approved by: Quality Manager | |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | | | | | | | | | Page 269 of 421 | |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 779.50 | 5 | QPSK | 1 / 0 | 25.70 | -1.20 | 22.35 | 0.172 | 34.77 | -12.42 | 24.50 | 0.282 | 36.99 | -12.49 |
| 782.00 | 5 | QPSK | 1 / 12 | 25.24 | -1.20 | 21.89 | 0.155 | 34.77 | -12.88 | 24.04 | 0.254 | 36.99 | -12.95 |
| 784.50 | 5 | QPSK | 1 / 0 | 25.24 | -1.20 | 21.89 | 0.155 | 34.77 | -12.88 | 24.04 | 0.254 | 36.99 | -12.95 |
| 779.50 | 5 | 16-QAM | 1 / 0 | 24.91 | -1.20 | 21.56 | 0.143 | 34.77 | -13.21 | 23.71 | 0.235 | 36.99 | -13.28 |
| 779.50 | 5 | 64-QAM | 1 / 0 | 23.87 | -1.20 | 20.52 | 0.113 | 34.77 | -14.25 | 22.67 | 0.185 | 36.99 | -14.32 |
| 782.00 | 10 | QPSK | 1 / 0 | 25.70 | -1.20 | 22.35 | 0.172 | 34.77 | -12.42 | 24.50 | 0.282 | 36.99 | -12.49 |
| 782.00 | 10 | 16-QAM | 1 / 0 | 24.86 | -1.20 | 21.51 | 0.142 | 34.77 | -13.26 | 23.66 | 0.232 | 36.99 | -13.33 |
| 782.00 | 10 | 64-QAM | 1 / 0 | 23.86 | -1.20 | 20.51 | 0.112 | 34.77 | -14.26 | 22.66 | 0.185 | 36.99 | -14.33 |

Table 7-39. ERP Data (Band 13)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 824.70 | 1.4 | QPSK | 1 / 5 | 25.57 | -0.70 | 22.72 | 0.187 | 38.45 | -15.73 | 24.87 | 0.307 | 40.61 | -15.74 |
| 836.50 | 1.4 | QPSK | 1 / 0 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 848.30 | 1.4 | QPSK | 1 / 5 | 25.56 | -0.70 | 22.71 | 0.187 | 38.45 | -15.74 | 24.86 | 0.306 | 40.61 | -15.75 |
| 836.50 | 1.4 | 16-QAM | 1 / 2 | 24.94 | -0.70 | 22.09 | 0.162 | 38.45 | -16.36 | 24.24 | 0.265 | 40.61 | -16.37 |
| 836.50 | 1.4 | 64-QAM | 1 / 0 | 24.25 | -0.70 | 21.40 | 0.138 | 38.45 | -17.05 | 23.55 | 0.226 | 40.61 | -17.06 |
| 825.50 | 3 | QPSK | 1 / 7 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 836.50 | 3 | QPSK | 1 / 0 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 847.50 | 3 | QPSK | 1 / 7 | 25.66 | -0.70 | 22.81 | 0.191 | 38.45 | -15.64 | 24.96 | 0.313 | 40.61 | -15.65 |
| 825.50 | 3 | 16-QAM | 1 / 7 | 24.89 | -0.70 | 22.04 | 0.160 | 38.45 | -16.41 | 24.19 | 0.262 | 40.61 | -16.42 |
| 825.50 | 3 | 64-QAM | 1 / 14 | 24.02 | -0.70 | 21.17 | 0.131 | 38.45 | -17.28 | 23.32 | 0.215 | 40.61 | -17.29 |
| 826.50 | 5 | QPSK | 1 / 24 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 836.50 | 5 | QPSK | 1 / 0 | 25.44 | -0.70 | 22.59 | 0.182 | 38.45 | -15.86 | 24.74 | 0.298 | 40.61 | -15.87 |
| 846.50 | 5 | QPSK | 1 / 0 | 25.50 | -0.70 | 22.65 | 0.184 | 38.45 | -15.80 | 24.80 | 0.302 | 40.61 | -15.81 |
| 826.50 | 5 | 16-QAM | 1 / 12 | 24.73 | -0.70 | 21.88 | 0.154 | 38.45 | -16.57 | 24.03 | 0.253 | 40.61 | -16.58 |
| 826.50 | 5 | 64-QAM | 1 / 24 | 24.02 | -0.70 | 21.17 | 0.131 | 38.45 | -17.28 | 23.32 | 0.215 | 40.61 | -17.29 |
| 829.00 | 10 | QPSK | 1 / 25 | 25.67 | -0.70 | 22.82 | 0.191 | 38.45 | -15.63 | 24.97 | 0.314 | 40.61 | -15.64 |
| 836.50 | 10 | QPSK | 1 / 0 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 844.00 | 10 | QPSK | 1 / 25 | 25.69 | -0.70 | 22.84 | 0.192 | 38.45 | -15.61 | 24.99 | 0.316 | 40.61 | -15.62 |
| 836.50 | 10 | 16-QAM | 1 / 0 | 24.72 | -0.70 | 21.87 | 0.154 | 38.45 | -16.58 | 24.02 | 0.252 | 40.61 | -16.59 |
| 836.50 | 10 | 64-QAM | 1 / 0 | 24.25 | -0.70 | 21.40 | 0.138 | 38.45 | -17.05 | 23.55 | 0.226 | 40.61 | -17.06 |

Table 7-40. ERP Data (Band 5)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 270 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 824.70 | 1.4 | QPSK | 1 / 5 | 25.47 | -0.70 | 22.62 | 0.183 | 38.45 | -15.83 | 24.77 | 0.300 | 40.61 | -15.84 |
| 836.50 | 1.4 | QPSK | 1 / 5 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 848.30 | 1.4 | QPSK | 1 / 0 | 25.61 | -0.70 | 22.76 | 0.189 | 38.45 | -15.69 | 24.91 | 0.310 | 40.61 | -15.70 |
| 836.50 | 1.4 | 16-QAM | 1 / 0 | 24.85 | -0.70 | 22.00 | 0.158 | 38.45 | -16.45 | 24.15 | 0.260 | 40.61 | -16.46 |
| 836.50 | 1.4 | 64-QAM | 1 / 2 | 24.11 | -0.70 | 21.26 | 0.134 | 38.45 | -17.19 | 23.41 | 0.219 | 40.61 | -17.20 |
| 825.50 | 3 | QPSK | 1 / 7 | 25.49 | -0.70 | 22.64 | 0.184 | 38.45 | -15.81 | 24.79 | 0.301 | 40.61 | -15.82 |
| 836.50 | 3 | QPSK | 1 / 7 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 847.50 | 3 | QPSK | 1 / 0 | 25.49 | -0.70 | 22.64 | 0.184 | 38.45 | -15.81 | 24.79 | 0.301 | 40.61 | -15.82 |
| 836.50 | 3 | 16-QAM | 1 / 0 | 24.84 | -0.70 | 21.99 | 0.158 | 38.45 | -16.46 | 24.14 | 0.259 | 40.61 | -16.47 |
| 836.50 | 3 | 64-QAM | 1 / 7 | 24.14 | -0.70 | 21.29 | 0.135 | 38.45 | -17.16 | 23.44 | 0.221 | 40.61 | -17.17 |
| 826.50 | 5 | QPSK | 1 / 24 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 836.50 | 5 | QPSK | 1 / 0 | 25.62 | -0.70 | 22.77 | 0.189 | 38.45 | -15.68 | 24.92 | 0.310 | 40.61 | -15.69 |
| 846.50 | 5 | QPSK | 1 / 0 | 25.50 | -0.70 | 22.65 | 0.184 | 38.45 | -15.80 | 24.80 | 0.302 | 40.61 | -15.81 |
| 826.50 | 5 | 16-QAM | 1 / 12 | 24.65 | -0.70 | 21.80 | 0.151 | 38.45 | -16.65 | 23.95 | 0.248 | 40.61 | -16.66 |
| 826.50 | 5 | 64-QAM | 1 / 24 | 24.03 | -0.70 | 21.18 | 0.131 | 38.45 | -17.27 | 23.33 | 0.215 | 40.61 | -17.28 |
| 829.00 | 10 | QPSK | 1 / 25 | 25.68 | -0.70 | 22.83 | 0.192 | 38.45 | -15.62 | 24.98 | 0.315 | 40.61 | -15.63 |
| 836.50 | 10 | QPSK | 1 / 25 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 844.00 | 10 | QPSK | 1 / 25 | 25.70 | -0.70 | 22.85 | 0.193 | 38.45 | -15.60 | 25.00 | 0.316 | 40.61 | -15.61 |
| 836.50 | 10 | 16-QAM | 1 / 25 | 24.72 | -0.70 | 21.87 | 0.154 | 38.45 | -16.58 | 24.02 | 0.252 | 40.61 | -16.59 |
| 836.50 | 10 | 64-QAM | 1 / 25 | 24.03 | -0.70 | 21.18 | 0.131 | 38.45 | -17.27 | 23.33 | 0.215 | 40.61 | -17.28 |

Table 7-41. ERP Data (Band 26)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 271 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 25.58 | -2.20 | 23.38 | 0.218 | 30.00 | -6.62 |
| 1732.50 | 1.4 | QPSK | 1 / 0 | 25.35 | -2.20 | 23.15 | 0.207 | 30.00 | -6.85 |
| 1754.30 | 1.4 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1754.30 | 1.4 | 16-QAM | 1 / 5 | 24.79 | -2.20 | 22.59 | 0.182 | 30.00 | -7.41 |
| 1754.30 | 1.4 | 64-QAM | 1 / 5 | 23.92 | -2.20 | 21.72 | 0.149 | 30.00 | -8.28 |
| 1711.50 | 3 | QPSK | 1 / 7 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1732.50 | 3 | QPSK | 1 / 14 | 25.48 | -2.20 | 23.28 | 0.213 | 30.00 | -6.72 |
| 1753.50 | 3 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1711.50 | 3 | 16-QAM | 1 / 7 | 24.77 | -2.20 | 22.57 | 0.181 | 30.00 | -7.43 |
| 1711.50 | 3 | 64-QAM | 1 / 0 | 23.87 | -2.20 | 21.67 | 0.147 | 30.00 | -8.33 |
| 1712.50 | 5 | QPSK | 1 / 12 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1732.50 | 5 | QPSK | 1 / 24 | 25.43 | -2.20 | 23.23 | 0.210 | 30.00 | -6.77 |
| 1752.50 | 5 | QPSK | 1 / 0 | 25.57 | -2.20 | 23.37 | 0.217 | 30.00 | -6.63 |
| 1712.50 | 5 | 16-QAM | 1 / 24 | 24.69 | -2.20 | 22.49 | 0.177 | 30.00 | -7.51 |
| 1712.50 | 5 | 64-QAM | 1 / 24 | 23.92 | -2.20 | 21.72 | 0.149 | 30.00 | -8.28 |
| 1715.00 | 10 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1732.50 | 10 | QPSK | 1 / 49 | 25.65 | -2.20 | 23.45 | 0.221 | 30.00 | -6.55 |
| 1750.00 | 10 | QPSK | 1 / 0 | 25.68 | -2.20 | 23.48 | 0.223 | 30.00 | -6.52 |
| 1715.00 | 10 | 16-QAM | 1 / 0 | 24.80 | -2.20 | 22.60 | 0.182 | 30.00 | -7.40 |
| 1715.00 | 10 | 64-QAM | 1 / 0 | 23.87 | -2.20 | 21.67 | 0.147 | 30.00 | -8.33 |
| 1717.50 | 15 | QPSK | 1 / 0 | 25.65 | -2.20 | 23.45 | 0.221 | 30.00 | -6.55 |
| 1732.50 | 15 | QPSK | 1 / 74 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1747.50 | 15 | QPSK | 1 / 36 | 25.69 | -2.20 | 23.49 | 0.223 | 30.00 | -6.51 |
| 1732.50 | 15 | 16-QAM | 1 / 74 | 24.76 | -2.20 | 22.56 | 0.180 | 30.00 | -7.44 |
| 1732.50 | 15 | 64-QAM | 1 / 74 | 23.85 | -2.20 | 21.65 | 0.146 | 30.00 | -8.35 |
| 1720.00 | 20 | QPSK | 1 / 0 | 25.39 | -2.20 | 23.19 | 0.208 | 30.00 | -6.81 |
| 1732.50 | 20 | QPSK | 1 / 99 | 25.61 | -2.20 | 23.41 | 0.219 | 30.00 | -6.59 |
| 1745.00 | 20 | QPSK | 1 / 50 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1745.00 | 20 | 16-QAM | 1 / 50 | 24.69 | -2.20 | 22.49 | 0.177 | 30.00 | -7.51 |
| 1745.00 | 20 | 64-QAM | 1 / 50 | 23.89 | -2.20 | 21.69 | 0.148 | 30.00 | -8.31 |

Table 7-42. EIRP Data (Band 4)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 272 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 25.46 | -2.20 | 23.26 | 0.212 | 30.00 | -6.74 |
| 1745.00 | 1.4 | QPSK | 1 / 0 | 25.60 | -2.20 | 23.40 | 0.219 | 30.00 | -6.60 |
| 1779.30 | 1.4 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1779.30 | 1.4 | 16-QAM | 1 / 0 | 24.77 | -2.20 | 22.57 | 0.181 | 30.00 | -7.43 |
| 1779.30 | 1.4 | 64-QAM | 1 / 0 | 23.98 | -2.20 | 21.78 | 0.151 | 30.00 | -8.22 |
| 1711.50 | 3 | QPSK | 1 / 7 | 25.66 | -2.20 | 23.46 | 0.222 | 30.00 | -6.54 |
| 1745.00 | 3 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1778.50 | 3 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1745.00 | 3 | 16-QAM | 1 / 7 | 24.78 | -2.20 | 22.58 | 0.181 | 30.00 | -7.42 |
| 1745.00 | 3 | 64-QAM | 1 / 7 | 23.93 | -2.20 | 21.73 | 0.149 | 30.00 | -8.27 |
| 1712.50 | 5 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1745.00 | 5 | QPSK | 1 / 0 | 25.68 | -2.20 | 23.48 | 0.223 | 30.00 | -6.52 |
| 1777.50 | 5 | QPSK | 1 / 24 | 25.62 | -2.20 | 23.42 | 0.220 | 30.00 | -6.58 |
| 1712.50 | 5 | 16-QAM | 1 / 12 | 24.85 | -2.20 | 22.65 | 0.184 | 30.00 | -7.35 |
| 1712.50 | 5 | 64-QAM | 1 / 0 | 24.06 | -2.20 | 21.86 | 0.153 | 30.00 | -8.14 |
| 1715.00 | 10 | QPSK | 1 / 0 | 25.67 | -2.20 | 23.47 | 0.222 | 30.00 | -6.53 |
| 1745.00 | 10 | QPSK | 1 / 0 | 25.66 | -2.20 | 23.46 | 0.222 | 30.00 | -6.54 |
| 1775.00 | 10 | QPSK | 1 / 49 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1775.00 | 10 | 16-QAM | 1 / 25 | 24.90 | -2.20 | 22.70 | 0.186 | 30.00 | -7.30 |
| 1775.00 | 10 | 64-QAM | 1 / 49 | 23.97 | -2.20 | 21.77 | 0.150 | 30.00 | -8.23 |
| 1717.50 | 15 | QPSK | 1 / 0 | 25.52 | -2.20 | 23.32 | 0.215 | 30.00 | -6.68 |
| 1745.00 | 15 | QPSK | 1 / 36 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1772.50 | 15 | QPSK | 1 / 36 | 25.59 | -2.20 | 23.39 | 0.218 | 30.00 | -6.61 |
| 1745.00 | 15 | 16-QAM | 1 / 36 | 24.87 | -2.20 | 22.67 | 0.185 | 30.00 | -7.33 |
| 1745.00 | 15 | 64-QAM | 1 / 36 | 24.08 | -2.20 | 21.88 | 0.154 | 30.00 | -8.12 |
| 1720.00 | 20 | QPSK | 1 / 0 | 25.36 | -2.20 | 23.16 | 0.207 | 30.00 | -6.84 |
| 1745.00 | 20 | QPSK | 1 / 50 | 25.64 | -2.20 | 23.44 | 0.221 | 30.00 | -6.56 |
| 1770.00 | 20 | QPSK | 1 / 99 | 25.70 | -2.20 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1770.00 | 20 | 16-QAM | 1 / 99 | 24.78 | -2.20 | 22.58 | 0.181 | 30.00 | -7.42 |
| 1770.00 | 20 | 64-QAM | 1 / 99 | 23.92 | -2.20 | 21.72 | 0.149 | 30.00 | -8.28 |

Table 7-43. EIRP Data (Band 66)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 273 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 25.33 | -2.20 | 23.13 | 0.206 | 33.01 | -9.88 |
| 1880.00 | 1.4 | QPSK | 1 / 5 | 25.58 | -2.20 | 23.38 | 0.218 | 33.01 | -9.63 |
| 1909.30 | 1.4 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1909.30 | 1.4 | 16-QAM | 1 / 0 | 24.76 | -2.20 | 22.56 | 0.180 | 33.01 | -10.45 |
| 1909.30 | 1.4 | 64-QAM | 1 / 0 | 24.06 | -2.20 | 21.86 | 0.153 | 33.01 | -11.15 |
| 1851.50 | 3 | QPSK | 1 / 7 | 25.43 | -2.20 | 23.23 | 0.210 | 33.01 | -9.78 |
| 1880.00 | 3 | QPSK | 1 / 7 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1908.50 | 3 | QPSK | 1 / 7 | 25.60 | -2.20 | 23.40 | 0.219 | 33.01 | -9.61 |
| 1880.00 | 3 | 16-QAM | 1 / 7 | 24.86 | -2.20 | 22.66 | 0.185 | 33.01 | -10.35 |
| 1880.00 | 3 | 64-QAM | 1 / 14 | 24.03 | -2.20 | 21.83 | 0.152 | 33.01 | -11.18 |
| 1852.50 | 5 | QPSK | 1 / 24 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1880.00 | 5 | QPSK | 1 / 12 | 25.69 | -2.20 | 23.49 | 0.223 | 33.01 | -9.52 |
| 1907.50 | 5 | QPSK | 1 / 24 | 25.59 | -2.20 | 23.39 | 0.218 | 33.01 | -9.62 |
| 1852.50 | 5 | 16-QAM | 1 / 24 | 24.93 | -2.20 | 22.73 | 0.187 | 33.01 | -10.28 |
| 1852.50 | 5 | 64-QAM | 1 / 24 | 24.12 | -2.20 | 21.92 | 0.156 | 33.01 | -11.09 |
| 1855.00 | 10 | QPSK | 1 / 49 | 25.54 | -2.20 | 23.34 | 0.216 | 33.01 | -9.67 |
| 1880.00 | 10 | QPSK | 1 / 25 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1905.00 | 10 | QPSK | 1 / 49 | 25.62 | -2.20 | 23.42 | 0.220 | 33.01 | -9.59 |
| 1880.00 | 10 | 16-QAM | 1 / 25 | 24.85 | -2.20 | 22.65 | 0.184 | 33.01 | -10.36 |
| 1880.00 | 10 | 64-QAM | 1 / 0 | 23.95 | -2.20 | 21.75 | 0.150 | 33.01 | -11.26 |
| 1857.50 | 15 | QPSK | 1 / 36 | 25.67 | -2.20 | 23.47 | 0.222 | 33.01 | -9.54 |
| 1880.00 | 15 | QPSK | 1 / 36 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1902.50 | 15 | QPSK | 1 / 74 | 25.57 | -2.20 | 23.37 | 0.217 | 33.01 | -9.64 |
| 1880.00 | 15 | 16-QAM | 1 / 36 | 24.98 | -2.20 | 22.78 | 0.190 | 33.01 | -10.23 |
| 1880.00 | 15 | 64-QAM | 1 / 36 | 24.13 | -2.20 | 21.93 | 0.156 | 33.01 | -11.08 |
| 1860.00 | 20 | QPSK | 1 / 50 | 25.44 | -2.20 | 23.24 | 0.211 | 33.01 | -9.77 |
| 1880.00 | 20 | QPSK | 1 / 50 | 25.65 | -2.20 | 23.45 | 0.221 | 33.01 | -9.56 |
| 1900.00 | 20 | QPSK | 1 / 99 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1900.00 | 20 | 16-QAM | 1 / 99 | 24.81 | -2.20 | 22.61 | 0.182 | 33.01 | -10.40 |
| 1900.00 | 20 | 64-QAM | 1 / 99 | 23.98 | -2.20 | 21.78 | 0.151 | 33.01 | -11.23 |

Table 7-44. EIRP Data (Band 2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 274 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 25.44 | -2.20 | 23.24 | 0.211 | 33.01 | -9.77 |
| 1882.50 | 1.4 | QPSK | 1 / 0 | 25.66 | -2.20 | 23.46 | 0.222 | 33.01 | -9.55 |
| 1914.30 | 1.4 | QPSK | 1 / 5 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1914.30 | 1.4 | 16-QAM | 1 / 0 | 25.03 | -2.20 | 22.83 | 0.192 | 33.01 | -10.18 |
| 1914.30 | 1.4 | 64-QAM | 1 / 5 | 23.94 | -2.20 | 21.74 | 0.149 | 33.01 | -11.27 |
| 1851.50 | 3 | QPSK | 1 / 7 | 25.48 | -2.20 | 23.28 | 0.213 | 33.01 | -9.73 |
| 1882.50 | 3 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1913.50 | 3 | QPSK | 1 / 7 | 25.50 | -2.20 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1882.50 | 3 | 16-QAM | 1 / 7 | 24.91 | -2.20 | 22.71 | 0.187 | 33.01 | -10.30 |
| 1882.50 | 3 | 64-QAM | 1 / 7 | 23.87 | -2.20 | 21.67 | 0.147 | 33.01 | -11.34 |
| 1852.50 | 5 | QPSK | 1 / 24 | 25.63 | -2.20 | 23.43 | 0.220 | 33.01 | -9.58 |
| 1882.50 | 5 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1912.50 | 5 | QPSK | 1 / 0 | 25.52 | -2.20 | 23.32 | 0.215 | 33.01 | -9.69 |
| 1882.50 | 5 | 16-QAM | 1 / 24 | 24.87 | -2.20 | 22.67 | 0.185 | 33.01 | -10.34 |
| 1882.50 | 5 | 64-QAM | 1 / 12 | 23.99 | -2.20 | 21.79 | 0.151 | 33.01 | -11.22 |
| 1855.00 | 10 | QPSK | 1 / 49 | 25.60 | -2.20 | 23.40 | 0.219 | 33.01 | -9.61 |
| 1882.50 | 10 | QPSK | 1 / 0 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1910.00 | 10 | QPSK | 1 / 25 | 25.60 | -2.20 | 23.40 | 0.219 | 33.01 | -9.61 |
| 1882.50 | 10 | 16-QAM | 1 / 0 | 24.94 | -2.20 | 22.74 | 0.188 | 33.01 | -10.27 |
| 1882.50 | 10 | 64-QAM | 1 / 25 | 24.00 | -2.20 | 21.80 | 0.151 | 33.01 | -11.21 |
| 1857.50 | 15 | QPSK | 1 / 36 | 25.58 | -2.20 | 23.38 | 0.218 | 33.01 | -9.63 |
| 1882.50 | 15 | QPSK | 1 / 36 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1907.50 | 15 | QPSK | 1 / 36 | 25.59 | -2.20 | 23.39 | 0.218 | 33.01 | -9.62 |
| 1882.50 | 15 | 16-QAM | 1 / 36 | 24.93 | -2.20 | 22.73 | 0.187 | 33.01 | -10.28 |
| 1882.50 | 15 | 64-QAM | 1 / 0 | 23.98 | -2.20 | 21.78 | 0.151 | 33.01 | -11.23 |
| 1860.00 | 20 | QPSK | 1 / 50 | 25.44 | -2.20 | 23.24 | 0.211 | 33.01 | -9.77 |
| 1882.50 | 20 | QPSK | 1 / 50 | 25.65 | -2.20 | 23.45 | 0.221 | 33.01 | -9.56 |
| 1905.00 | 20 | QPSK | 1 / 50 | 25.70 | -2.20 | 23.50 | 0.224 | 33.01 | -9.51 |
| 1905.00 | 20 | 16-QAM | 1 / 50 | 24.80 | -2.20 | 22.60 | 0.182 | 33.01 | -10.41 |
| 1905.00 | 20 | 64-QAM | 1 / 99 | 23.87 | -2.20 | 21.67 | 0.147 | 33.01 | -11.34 |

Table 7-45. EIRP Data (Band 25)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 275 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2307.50 | 5 | QPSK | 1 / 24 | 23.99 | -1.00 | 22.99 | 0.199 | 23.98 | -0.99 |
| 2312.50 | 5 | QPSK | 1 / 24 | 23.85 | -1.00 | 22.85 | 0.193 | 23.98 | -1.13 |
| 2307.50 | 5 | 16-QAM | 1 / 24 | 23.10 | -1.00 | 22.10 | 0.162 | 23.98 | -1.88 |
| 2307.50 | 5 | 64-QAM | 1 / 12 | 22.14 | -1.00 | 21.14 | 0.130 | 23.98 | -2.84 |
| 2310.00 | 10 | QPSK | 1 / 0 | 23.99 | -1.00 | 22.99 | 0.199 | 23.98 | -0.99 |
| 2310.00 | 10 | 16-QAM | 1 / 0 | 23.03 | -1.00 | 22.03 | 0.160 | 23.98 | -1.95 |
| 2310.00 | 10 | 64-QAM | 1 / 0 | 22.16 | -1.00 | 21.16 | 0.131 | 23.98 | -2.82 |

Table 7-46. EIRP Data (Band 30)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 276 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2502.50 | 5 | QPSK | 1 / 24 | 25.70 | -0.10 | 25.60 | 0.363 | 33.01 | -7.41 |
| 2535.00 | 5 | QPSK | 1 / 12 | 25.67 | -0.10 | 25.57 | 0.361 | 33.01 | -7.44 |
| 2567.50 | 5 | QPSK | 1 / 0 | 25.31 | -0.10 | 25.21 | 0.332 | 33.01 | -7.80 |
| 2502.50 | 5 | 16-QAM | 1 / 0 | 24.74 | -0.10 | 24.64 | 0.291 | 33.01 | -8.37 |
| 2502.50 | 5 | 64-QAM | 1 / 0 | 23.84 | -0.10 | 23.74 | 0.237 | 33.01 | -9.27 |
| 2505.00 | 10 | QPSK | 1 / 49 | 25.60 | -0.10 | 25.50 | 0.355 | 33.01 | -7.51 |
| 2535.00 | 10 | QPSK | 1 / 25 | 25.70 | -0.10 | 25.60 | 0.363 | 33.01 | -7.41 |
| 2565.00 | 10 | QPSK | 1 / 25 | 25.45 | -0.10 | 25.35 | 0.343 | 33.01 | -7.66 |
| 2535.00 | 10 | 16-QAM | 1 / 25 | 24.81 | -0.10 | 24.71 | 0.296 | 33.01 | -8.30 |
| 2535.00 | 10 | 64-QAM | 1 / 49 | 23.91 | -0.10 | 23.81 | 0.240 | 33.01 | -9.20 |
| 2507.50 | 15 | QPSK | 1 / 36 | 25.50 | -0.10 | 25.40 | 0.347 | 33.01 | -7.61 |
| 2535.00 | 15 | QPSK | 1 / 36 | 25.70 | -0.10 | 25.60 | 0.363 | 33.01 | -7.41 |
| 2562.50 | 15 | QPSK | 1 / 74 | 25.25 | -0.10 | 25.15 | 0.327 | 33.01 | -7.86 |
| 2535.00 | 15 | 16-QAM | 1 / 0 | 24.84 | -0.10 | 24.74 | 0.298 | 33.01 | -8.27 |
| 2535.00 | 15 | 64-QAM | 1 / 36 | 23.92 | -0.10 | 23.82 | 0.241 | 33.01 | -9.19 |
| 2510.00 | 20 | QPSK | 1 / 99 | 25.37 | -0.10 | 25.27 | 0.337 | 33.01 | -7.74 |
| 2535.00 | 20 | QPSK | 1 / 0 | 25.70 | -0.10 | 25.60 | 0.363 | 33.01 | -7.41 |
| 2560.00 | 20 | QPSK | 1 / 99 | 25.55 | -0.10 | 25.45 | 0.351 | 33.01 | -7.56 |
| 2535.00 | 20 | 16-QAM | 1 / 0 | 25.01 | -0.10 | 24.91 | 0.310 | 33.01 | -8.10 |
| 2535.00 | 20 | 64-QAM | 1 / 0 | 24.01 | -0.10 | 23.91 | 0.246 | 33.01 | -9.10 |

Table 7-47. EIRP Data (Band 7)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 277 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 0 | 27.69 | -0.10 | 27.59 | 0.574 | 33.01 | -5.42 |
| 2593.00 | 5 | QPSK | 1 / 0 | 28.10 | -0.10 | 28.00 | 0.631 | 33.01 | -5.01 |
| 2687.50 | 5 | QPSK | 1 / 0 | 28.43 | -0.10 | 28.33 | 0.681 | 33.01 | -4.68 |
| 2687.50 | 5 | 16-QAM | 1 / 0 | 27.70 | -0.10 | 27.60 | 0.575 | 33.01 | -5.41 |
| 2687.50 | 5 | 64-QAM | 1 / 0 | 26.68 | -0.10 | 26.58 | 0.455 | 33.01 | -6.43 |
| 2501.00 | 10 | QPSK | 1 / 49 | 27.62 | -0.10 | 27.52 | 0.565 | 33.01 | -5.49 |
| 2593.00 | 10 | QPSK | 1 / 0 | 28.54 | -0.10 | 28.44 | 0.698 | 33.01 | -4.57 |
| 2685.00 | 10 | QPSK | 1 / 25 | 28.36 | -0.10 | 28.26 | 0.670 | 33.01 | -4.75 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 27.86 | -0.10 | 27.76 | 0.597 | 33.01 | -5.25 |
| 2593.00 | 10 | 64-QAM | 1 / 49 | 26.84 | -0.10 | 26.74 | 0.472 | 33.01 | -6.27 |
| 2503.50 | 15 | QPSK | 1 / 74 | 27.64 | -0.10 | 27.54 | 0.568 | 33.01 | -5.47 |
| 2593.00 | 15 | QPSK | 1 / 36 | 28.68 | -0.10 | 28.58 | 0.721 | 33.01 | -4.43 |
| 2682.50 | 15 | QPSK | 1 / 0 | 28.37 | -0.10 | 28.27 | 0.671 | 33.01 | -4.74 |
| 2593.00 | 15 | 16-QAM | 1 / 36 | 27.77 | -0.10 | 27.67 | 0.585 | 33.01 | -5.34 |
| 2593.00 | 15 | 64-QAM | 1 / 36 | 26.78 | -0.10 | 26.68 | 0.466 | 33.01 | -6.33 |
| 2506.00 | 20 | QPSK | 1 / 99 | 27.70 | -0.10 | 27.60 | 0.575 | 33.01 | -5.41 |
| 2593.00 | 20 | QPSK | 1 / 50 | 28.68 | -0.10 | 28.58 | 0.721 | 33.01 | -4.43 |
| 2680.00 | 20 | QPSK | 1 / 0 | 28.29 | -0.10 | 28.19 | 0.659 | 33.01 | -4.82 |
| 2593.00 | 20 | 16-QAM | 1 / 50 | 27.80 | -0.10 | 27.70 | 0.589 | 33.01 | -5.31 |
| 2593.00 | 20 | 64-QAM | 1 / 50 | 26.82 | -0.10 | 26.72 | 0.470 | 33.01 | -6.29 |

Table 7-48. EIRP Data (Band 41 PC2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 278 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 24 | 25.67 | -0.10 | 25.57 | 0.361 | 33.01 | -7.44 |
| 2593.00 | 5 | QPSK | 1 / 24 | 25.63 | -0.10 | 25.53 | 0.357 | 33.01 | -7.48 |
| 2687.50 | 5 | QPSK | 1 / 0 | 25.32 | -0.10 | 25.22 | 0.333 | 33.01 | -7.79 |
| 2687.50 | 5 | 16-QAM | 1 / 0 | 24.52 | -0.10 | 24.42 | 0.277 | 33.01 | -8.59 |
| 2687.50 | 5 | 64-QAM | 1 / 24 | 23.42 | -0.10 | 23.32 | 0.215 | 33.01 | -9.69 |
| 2501.00 | 10 | QPSK | 1 / 49 | 25.70 | -0.10 | 25.60 | 0.363 | 33.01 | -7.41 |
| 2593.00 | 10 | QPSK | 1 / 49 | 25.70 | -0.10 | 25.60 | 0.363 | 33.01 | -7.41 |
| 2685.00 | 10 | QPSK | 1 / 25 | 25.32 | -0.10 | 25.22 | 0.333 | 33.01 | -7.79 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 24.62 | -0.10 | 24.52 | 0.283 | 33.01 | -8.49 |
| 2593.00 | 10 | 64-QAM | 1 / 49 | 23.72 | -0.10 | 23.62 | 0.230 | 33.01 | -9.39 |
| 2503.50 | 15 | QPSK | 1 / 36 | 25.48 | -0.10 | 25.38 | 0.345 | 33.01 | -7.63 |
| 2593.00 | 15 | QPSK | 1 / 36 | 25.53 | -0.10 | 25.43 | 0.349 | 33.01 | -7.58 |
| 2682.50 | 15 | QPSK | 1 / 0 | 25.41 | -0.10 | 25.31 | 0.340 | 33.01 | -7.70 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 24.53 | -0.10 | 24.43 | 0.277 | 33.01 | -8.58 |
| 2593.00 | 15 | 64-QAM | 1 / 36 | 23.45 | -0.10 | 23.35 | 0.216 | 33.01 | -9.66 |
| 2506.00 | 20 | QPSK | 1 / 50 | 25.58 | -0.10 | 25.48 | 0.353 | 33.01 | -7.53 |
| 2593.00 | 20 | QPSK | 1 / 99 | 25.53 | -0.10 | 25.43 | 0.349 | 33.01 | -7.58 |
| 2680.00 | 20 | QPSK | 1 / 0 | 25.55 | -0.10 | 25.45 | 0.351 | 33.01 | -7.56 |
| 2593.00 | 20 | 16-QAM | 1 / 50 | 24.67 | -0.10 | 24.57 | 0.286 | 33.01 | -8.44 |
| 2593.00 | 20 | 64-QAM | 1 / 99 | 23.61 | -0.10 | 23.51 | 0.224 | 33.01 | -9.50 |

Table 7-49. EIRP Data (Band 41 PC3)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 279 of 421 |

7.8.2 Port-B Radiated Power (ERP/EIRP)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|-----------|--------------|-----------------|-------------|
| 665.50 | 5 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 |
| 680.50 | 5 | QPSK | 1 / 0 | 24.39 | -1.90 | 20.34 | 0.108 | 34.77 | -14.43 |
| 695.50 | 5 | QPSK | 1 / 24 | 24.25 | -1.90 | 20.20 | 0.105 | 34.77 | -14.57 |
| 665.50 | 5 | 16-QAM | 1 / 24 | 23.74 | -1.90 | 19.69 | 0.093 | 34.77 | -15.08 |
| 665.50 | 5 | 64-QAM | 1 / 12 | 22.87 | -1.90 | 18.82 | 0.076 | 34.77 | -15.95 |
| 668.00 | 10 | QPSK | 1 / 0 | 24.43 | -1.90 | 20.38 | 0.109 | 34.77 | -14.39 |
| 680.50 | 10 | QPSK | 1 / 0 | 24.43 | -1.90 | 20.38 | 0.109 | 34.77 | -14.39 |
| 693.00 | 10 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 |
| 693.00 | 10 | 16-QAM | 1 / 49 | 23.67 | -1.90 | 19.62 | 0.092 | 34.77 | -15.15 |
| 693.00 | 10 | 64-QAM | 1 / 0 | 22.90 | -1.90 | 18.85 | 0.077 | 34.77 | -15.92 |
| 670.50 | 15 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 |
| 680.50 | 15 | QPSK | 1 / 0 | 24.30 | -1.90 | 20.25 | 0.106 | 34.77 | -14.52 |
| 690.50 | 15 | QPSK | 1 / 36 | 24.25 | -1.90 | 20.20 | 0.105 | 34.77 | -14.57 |
| 670.50 | 15 | 16-QAM | 1 / 0 | 23.75 | -1.90 | 19.70 | 0.093 | 34.77 | -15.07 |
| 670.50 | 15 | 64-QAM | 1 / 0 | 22.90 | -1.90 | 18.85 | 0.077 | 34.77 | -15.92 |
| 673.00 | 20 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 |
| 680.50 | 20 | QPSK | 1 / 99 | 24.42 | -1.90 | 20.37 | 0.109 | 34.77 | -14.40 |
| 688.00 | 20 | QPSK | 1 / 50 | 24.28 | -1.90 | 20.23 | 0.105 | 34.77 | -14.54 |
| 673.00 | 20 | 16-QAM | 1 / 0 | 23.65 | -1.90 | 19.60 | 0.091 | 34.77 | -15.17 |
| 673.00 | 20 | 64-QAM | 1 / 0 | 22.71 | -1.90 | 18.66 | 0.073 | 34.77 | -16.11 |

Table 7-50. ERP Data (Band 71)

| | | | |
|---|--|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 280 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 699.70 | 1.4 | QPSK | 1 / 5 | 24.15 | -1.90 | 20.10 | 0.102 | 34.77 | -14.67 | 22.25 | 0.168 | 36.99 | -14.74 |
| 707.50 | 1.4 | QPSK | 1 / 5 | 24.28 | -1.90 | 20.23 | 0.105 | 34.77 | -14.54 | 22.38 | 0.173 | 36.99 | -14.61 |
| 715.30 | 1.4 | QPSK | 1 / 5 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 715.30 | 1.4 | 16-QAM | 1 / 0 | 23.66 | -1.90 | 19.61 | 0.091 | 34.77 | -15.16 | 21.76 | 0.150 | 36.99 | -15.23 |
| 715.30 | 1.4 | 64-QAM | 1 / 0 | 22.72 | -1.90 | 18.67 | 0.074 | 34.77 | -16.10 | 20.82 | 0.121 | 36.99 | -16.17 |
| 700.50 | 3 | QPSK | 1 / 7 | 24.37 | -1.90 | 20.32 | 0.108 | 34.77 | -14.45 | 22.47 | 0.177 | 36.99 | -14.52 |
| 707.50 | 3 | QPSK | 1 / 7 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 714.50 | 3 | QPSK | 1 / 7 | 24.47 | -1.90 | 20.42 | 0.110 | 34.77 | -14.35 | 22.57 | 0.181 | 36.99 | -14.42 |
| 707.50 | 3 | 16-QAM | 1 / 7 | 23.75 | -1.90 | 19.70 | 0.093 | 34.77 | -15.07 | 21.85 | 0.153 | 36.99 | -15.14 |
| 707.50 | 3 | 64-QAM | 1 / 7 | 22.85 | -1.90 | 18.80 | 0.076 | 34.77 | -15.97 | 20.95 | 0.124 | 36.99 | -16.04 |
| 701.50 | 5 | QPSK | 1 / 24 | 24.39 | -1.90 | 20.34 | 0.108 | 34.77 | -14.43 | 22.49 | 0.177 | 36.99 | -14.50 |
| 707.50 | 5 | QPSK | 1 / 12 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 713.50 | 5 | QPSK | 1 / 24 | 24.37 | -1.90 | 20.32 | 0.108 | 34.77 | -14.45 | 22.47 | 0.177 | 36.99 | -14.52 |
| 707.50 | 5 | 16-QAM | 1 / 0 | 23.72 | -1.90 | 19.67 | 0.093 | 34.77 | -15.10 | 21.82 | 0.152 | 36.99 | -15.17 |
| 707.50 | 5 | 64-QAM | 1 / 0 | 22.77 | -1.90 | 18.72 | 0.074 | 34.77 | -16.05 | 20.87 | 0.122 | 36.99 | -16.12 |
| 704.00 | 10 | QPSK | 1 / 49 | 24.30 | -1.90 | 20.25 | 0.106 | 34.77 | -14.52 | 22.40 | 0.174 | 36.99 | -14.59 |
| 707.50 | 10 | QPSK | 1 / 0 | 24.49 | -1.90 | 20.44 | 0.111 | 34.77 | -14.33 | 22.59 | 0.182 | 36.99 | -14.40 |
| 711.00 | 10 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 711.00 | 10 | 16-QAM | 1 / 0 | 23.56 | -1.90 | 19.51 | 0.089 | 34.77 | -15.26 | 21.66 | 0.147 | 36.99 | -15.33 |
| 711.00 | 10 | 64-QAM | 1 / 49 | 22.68 | -1.90 | 18.63 | 0.073 | 34.77 | -16.14 | 20.78 | 0.120 | 36.99 | -16.21 |

Table 7-51. ERP Data (Band 12)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 706.50 | 5 | QPSK | 1 / 12 | 24.39 | -1.90 | 20.34 | 0.108 | 34.77 | -14.43 | 22.49 | 0.177 | 36.99 | -14.50 |
| 710.00 | 5 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 713.50 | 5 | QPSK | 1 / 24 | 24.34 | -1.90 | 20.29 | 0.107 | 34.77 | -14.48 | 22.44 | 0.175 | 36.99 | -14.55 |
| 710.00 | 5 | 16-QAM | 1 / 0 | 23.61 | -1.90 | 19.56 | 0.090 | 34.77 | -15.21 | 21.71 | 0.148 | 36.99 | -15.28 |
| 710.00 | 5 | 64-QAM | 1 / 0 | 22.68 | -1.90 | 18.63 | 0.073 | 34.77 | -16.14 | 20.78 | 0.120 | 36.99 | -16.21 |
| 709.00 | 10 | QPSK | 1 / 49 | 24.38 | -1.90 | 20.33 | 0.108 | 34.77 | -14.44 | 22.48 | 0.177 | 36.99 | -14.51 |
| 710.00 | 10 | QPSK | 1 / 0 | 24.42 | -1.90 | 20.37 | 0.109 | 34.77 | -14.40 | 22.52 | 0.179 | 36.99 | -14.47 |
| 711.00 | 10 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 711.00 | 10 | 16-QAM | 1 / 0 | 23.57 | -1.90 | 19.52 | 0.090 | 34.77 | -15.25 | 21.67 | 0.147 | 36.99 | -15.32 |
| 711.00 | 10 | 64-QAM | 1 / 0 | 22.55 | -1.90 | 18.50 | 0.071 | 34.77 | -16.27 | 20.65 | 0.116 | 36.99 | -16.34 |

Table 7-52. ERP Data (Band 17)

| | | | | | | | | | | | | | |
|---|---|------------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | | | | | | Approved by: Quality Manager | |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | | | | | | | | | Page 281 of 421 | |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 779.50 | 5 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 782.00 | 5 | QPSK | 1 / 12 | 24.10 | -1.90 | 20.05 | 0.101 | 34.77 | -14.72 | 22.20 | 0.166 | 36.99 | -14.79 |
| 784.50 | 5 | QPSK | 1 / 0 | 23.97 | -1.90 | 19.92 | 0.098 | 34.77 | -14.85 | 22.07 | 0.161 | 36.99 | -14.92 |
| 779.50 | 5 | 16-QAM | 1 / 0 | 23.59 | -1.90 | 19.54 | 0.090 | 34.77 | -15.23 | 21.69 | 0.148 | 36.99 | -15.30 |
| 779.50 | 5 | 64-QAM | 1 / 0 | 22.82 | -1.90 | 18.77 | 0.075 | 34.77 | -16.00 | 20.92 | 0.124 | 36.99 | -16.07 |
| 782.00 | 10 | QPSK | 1 / 0 | 24.50 | -1.90 | 20.45 | 0.111 | 34.77 | -14.32 | 22.60 | 0.182 | 36.99 | -14.39 |
| 782.00 | 10 | 16-QAM | 1 / 0 | 23.70 | -1.90 | 19.65 | 0.092 | 34.77 | -15.12 | 21.80 | 0.151 | 36.99 | -15.19 |
| 782.00 | 10 | 64-QAM | 1 / 0 | 22.79 | -1.90 | 18.74 | 0.075 | 34.77 | -16.03 | 20.89 | 0.123 | 36.99 | -16.10 |

Table 7-53. ERP Data (Band 13)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 824.70 | 1.4 | QPSK | 1 / 0 | 24.45 | -0.60 | 21.70 | 0.148 | 38.45 | -16.75 | 23.85 | 0.243 | 40.61 | -16.76 |
| 836.50 | 1.4 | QPSK | 1 / 0 | 24.25 | -0.60 | 21.50 | 0.141 | 38.45 | -16.95 | 23.65 | 0.232 | 40.61 | -16.96 |
| 848.30 | 1.4 | QPSK | 1 / 5 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 848.30 | 1.4 | 16-QAM | 1 / 5 | 23.60 | -0.60 | 20.85 | 0.122 | 38.45 | -17.60 | 23.00 | 0.200 | 40.61 | -17.61 |
| 848.30 | 1.4 | 64-QAM | 1 / 5 | 22.86 | -0.60 | 20.11 | 0.103 | 38.45 | -18.34 | 22.26 | 0.168 | 40.61 | -18.35 |
| 825.50 | 3 | QPSK | 1 / 0 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 836.50 | 3 | QPSK | 1 / 14 | 24.31 | -0.60 | 21.56 | 0.143 | 38.45 | -16.89 | 23.71 | 0.235 | 40.61 | -16.90 |
| 847.50 | 3 | QPSK | 1 / 7 | 24.33 | -0.60 | 21.58 | 0.144 | 38.45 | -16.87 | 23.73 | 0.236 | 40.61 | -16.88 |
| 825.50 | 3 | 16-QAM | 1 / 0 | 23.73 | -0.60 | 20.98 | 0.125 | 38.45 | -17.47 | 23.13 | 0.206 | 40.61 | -17.48 |
| 825.50 | 3 | 64-QAM | 1 / 0 | 22.88 | -0.60 | 20.13 | 0.103 | 38.45 | -18.32 | 22.28 | 0.169 | 40.61 | -18.33 |
| 826.50 | 5 | QPSK | 1 / 0 | 24.39 | -0.60 | 21.64 | 0.146 | 38.45 | -16.81 | 23.79 | 0.239 | 40.61 | -16.82 |
| 836.50 | 5 | QPSK | 1 / 24 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 846.50 | 5 | QPSK | 1 / 0 | 24.25 | -0.60 | 21.50 | 0.141 | 38.45 | -16.95 | 23.65 | 0.232 | 40.61 | -16.96 |
| 836.50 | 5 | 16-QAM | 1 / 24 | 23.67 | -0.60 | 20.92 | 0.124 | 38.45 | -17.53 | 23.07 | 0.203 | 40.61 | -17.54 |
| 836.50 | 5 | 64-QAM | 1 / 24 | 22.81 | -0.60 | 20.06 | 0.101 | 38.45 | -18.39 | 22.21 | 0.166 | 40.61 | -18.40 |
| 829.00 | 10 | QPSK | 1 / 0 | 24.43 | -0.60 | 21.68 | 0.147 | 38.45 | -16.77 | 23.83 | 0.242 | 40.61 | -16.78 |
| 836.50 | 10 | QPSK | 1 / 49 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 844.00 | 10 | QPSK | 1 / 0 | 24.45 | -0.60 | 21.70 | 0.148 | 38.45 | -16.75 | 23.85 | 0.243 | 40.61 | -16.76 |
| 836.50 | 10 | 16-QAM | 1 / 49 | 23.81 | -0.60 | 21.06 | 0.128 | 38.45 | -17.39 | 23.21 | 0.209 | 40.61 | -17.40 |
| 836.50 | 10 | 64-QAM | 1 / 25 | 22.79 | -0.60 | 20.04 | 0.101 | 38.45 | -18.41 | 22.19 | 0.166 | 40.61 | -18.42 |

Table 7-54. ERP Data (Band 5)

| | | | |
|---|--|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 282 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|-----------------|-------------|--------------|--------------|------------------|-------------|
| 824.70 | 1.4 | QPSK | 1 / 0 | 24.44 | -0.60 | 21.69 | 0.148 | 38.45 | -16.76 | 23.84 | 0.242 | 40.61 | -16.77 |
| 836.50 | 1.4 | QPSK | 1 / 0 | 24.23 | -0.60 | 21.48 | 0.141 | 38.45 | -16.97 | 23.63 | 0.231 | 40.61 | -16.98 |
| 848.30 | 1.4 | QPSK | 1 / 5 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 848.30 | 1.4 | 16-QAM | 1 / 0 | 23.70 | -0.60 | 20.95 | 0.124 | 38.45 | -17.50 | 23.10 | 0.204 | 40.61 | -17.51 |
| 848.30 | 1.4 | 64-QAM | 1 / 5 | 22.69 | -0.60 | 19.94 | 0.099 | 38.45 | -18.51 | 22.09 | 0.162 | 40.61 | -18.52 |
| 825.50 | 3 | QPSK | 1 / 0 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 836.50 | 3 | QPSK | 1 / 0 | 24.29 | -0.60 | 21.54 | 0.143 | 38.45 | -16.91 | 23.69 | 0.234 | 40.61 | -16.92 |
| 847.50 | 3 | QPSK | 1 / 7 | 24.33 | -0.60 | 21.58 | 0.144 | 38.45 | -16.87 | 23.73 | 0.236 | 40.61 | -16.88 |
| 825.50 | 3 | 16-QAM | 1 / 0 | 23.66 | -0.60 | 20.91 | 0.123 | 38.45 | -17.54 | 23.06 | 0.202 | 40.61 | -17.55 |
| 825.50 | 3 | 64-QAM | 1 / 0 | 22.75 | -0.60 | 20.00 | 0.100 | 38.45 | -18.45 | 22.15 | 0.164 | 40.61 | -18.46 |
| 826.50 | 5 | QPSK | 1 / 0 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 836.50 | 5 | QPSK | 1 / 0 | 24.45 | -0.60 | 21.70 | 0.148 | 38.45 | -16.75 | 23.85 | 0.243 | 40.61 | -16.76 |
| 846.50 | 5 | QPSK | 1 / 0 | 24.36 | -0.60 | 21.61 | 0.145 | 38.45 | -16.84 | 23.76 | 0.238 | 40.61 | -16.85 |
| 826.50 | 5 | 16-QAM | 1 / 0 | 23.63 | -0.60 | 20.88 | 0.122 | 38.45 | -17.57 | 23.03 | 0.201 | 40.61 | -17.58 |
| 826.50 | 5 | 64-QAM | 1 / 12 | 22.82 | -0.60 | 20.07 | 0.102 | 38.45 | -18.38 | 22.22 | 0.167 | 40.61 | -18.39 |
| 829.00 | 10 | QPSK | 1 / 0 | 24.49 | -0.60 | 21.74 | 0.149 | 38.45 | -16.71 | 23.89 | 0.245 | 40.61 | -16.72 |
| 836.50 | 10 | QPSK | 1 / 0 | 24.31 | -0.60 | 21.56 | 0.143 | 38.45 | -16.89 | 23.71 | 0.235 | 40.61 | -16.90 |
| 844.00 | 10 | QPSK | 1 / 0 | 24.50 | -0.60 | 21.75 | 0.150 | 38.45 | -16.70 | 23.90 | 0.245 | 40.61 | -16.71 |
| 844.00 | 10 | 16-QAM | 1 / 0 | 23.72 | -0.60 | 20.97 | 0.125 | 38.45 | -17.48 | 23.12 | 0.205 | 40.61 | -17.49 |
| 844.00 | 10 | 64-QAM | 1 / 49 | 22.66 | -0.60 | 19.91 | 0.098 | 38.45 | -18.54 | 22.06 | 0.161 | 40.61 | -18.55 |

Table 7-55. ERP Data (Band 26)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 283 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 23.06 | -2.70 | 20.36 | 0.109 | 30.00 | -9.64 |
| 1732.50 | 1.4 | QPSK | 1 / 5 | 23.24 | -2.70 | 20.54 | 0.113 | 30.00 | -9.46 |
| 1754.30 | 1.4 | QPSK | 1 / 5 | 23.46 | -2.70 | 20.76 | 0.119 | 30.00 | -9.24 |
| 1754.30 | 1.4 | 16-QAM | 1 / 2 | 22.70 | -2.70 | 20.00 | 0.100 | 30.00 | -10.00 |
| 1754.30 | 1.4 | 64-QAM | 1 / 5 | 21.76 | -2.70 | 19.06 | 0.081 | 30.00 | -10.94 |
| 1711.50 | 3 | QPSK | 1 / 7 | 23.06 | -2.70 | 20.36 | 0.109 | 30.00 | -9.64 |
| 1732.50 | 3 | QPSK | 1 / 0 | 23.24 | -2.70 | 20.54 | 0.113 | 30.00 | -9.46 |
| 1753.50 | 3 | QPSK | 1 / 7 | 23.26 | -2.70 | 20.56 | 0.114 | 30.00 | -9.44 |
| 1753.50 | 3 | 16-QAM | 1 / 7 | 22.49 | -2.70 | 19.79 | 0.095 | 30.00 | -10.21 |
| 1753.50 | 3 | 64-QAM | 1 / 7 | 21.68 | -2.70 | 18.98 | 0.079 | 30.00 | -11.02 |
| 1712.50 | 5 | QPSK | 1 / 24 | 23.24 | -2.70 | 20.54 | 0.113 | 30.00 | -9.46 |
| 1732.50 | 5 | QPSK | 1 / 0 | 23.49 | -2.70 | 20.79 | 0.120 | 30.00 | -9.21 |
| 1752.50 | 5 | QPSK | 1 / 0 | 23.35 | -2.70 | 20.65 | 0.116 | 30.00 | -9.35 |
| 1732.50 | 5 | 16-QAM | 1 / 0 | 22.68 | -2.70 | 19.98 | 0.100 | 30.00 | -10.02 |
| 1732.50 | 5 | 64-QAM | 1 / 0 | 21.79 | -2.70 | 19.09 | 0.081 | 30.00 | -10.91 |
| 1715.00 | 10 | QPSK | 1 / 0 | 23.18 | -2.70 | 20.48 | 0.112 | 30.00 | -9.52 |
| 1732.50 | 10 | QPSK | 1 / 0 | 23.47 | -2.70 | 20.77 | 0.119 | 30.00 | -9.23 |
| 1750.00 | 10 | QPSK | 1 / 25 | 23.30 | -2.70 | 20.60 | 0.115 | 30.00 | -9.40 |
| 1732.50 | 10 | 16-QAM | 1 / 0 | 22.70 | -2.70 | 20.00 | 0.100 | 30.00 | -10.00 |
| 1732.50 | 10 | 64-QAM | 1 / 0 | 21.87 | -2.70 | 19.17 | 0.083 | 30.00 | -10.83 |
| 1717.50 | 15 | QPSK | 1 / 36 | 23.46 | -2.70 | 20.76 | 0.119 | 30.00 | -9.24 |
| 1732.50 | 15 | QPSK | 1 / 0 | 23.39 | -2.70 | 20.69 | 0.117 | 30.00 | -9.31 |
| 1747.50 | 15 | QPSK | 1 / 36 | 23.38 | -2.70 | 20.68 | 0.117 | 30.00 | -9.32 |
| 1717.50 | 15 | 16-QAM | 1 / 36 | 22.60 | -2.70 | 19.90 | 0.098 | 30.00 | -10.10 |
| 1717.50 | 15 | 64-QAM | 1 / 74 | 21.81 | -2.70 | 19.11 | 0.081 | 30.00 | -10.89 |
| 1720.00 | 20 | QPSK | 1 / 99 | 23.47 | -2.70 | 20.77 | 0.119 | 30.00 | -9.23 |
| 1732.50 | 20 | QPSK | 1 / 0 | 23.27 | -2.70 | 20.57 | 0.114 | 30.00 | -9.43 |
| 1745.00 | 20 | QPSK | 1 / 99 | 23.50 | -2.70 | 20.80 | 0.120 | 30.00 | -9.20 |
| 1745.00 | 20 | 16-QAM | 1 / 99 | 22.63 | -2.70 | 19.93 | 0.098 | 30.00 | -10.07 |
| 1745.00 | 20 | 64-QAM | 1 / 50 | 21.75 | -2.70 | 19.05 | 0.080 | 30.00 | -10.95 |

Table 7-56. EIRP Data (Band 4)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 284 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 22.93 | -2.70 | 20.23 | 0.105 | 30.00 | -9.77 |
| 1745.00 | 1.4 | QPSK | 1 / 0 | 23.05 | -2.70 | 20.35 | 0.108 | 30.00 | -9.65 |
| 1779.30 | 1.4 | QPSK | 1 / 5 | 23.45 | -2.70 | 20.75 | 0.119 | 30.00 | -9.25 |
| 1779.30 | 1.4 | 16-QAM | 1 / 5 | 22.66 | -2.70 | 19.96 | 0.099 | 30.00 | -10.04 |
| 1779.30 | 1.4 | 64-QAM | 1 / 5 | 21.51 | -2.70 | 18.81 | 0.076 | 30.00 | -11.19 |
| 1711.50 | 3 | QPSK | 1 / 7 | 22.91 | -2.70 | 20.21 | 0.105 | 30.00 | -9.79 |
| 1745.00 | 3 | QPSK | 1 / 14 | 23.03 | -2.70 | 20.33 | 0.108 | 30.00 | -9.67 |
| 1778.50 | 3 | QPSK | 1 / 14 | 23.24 | -2.70 | 20.54 | 0.113 | 30.00 | -9.46 |
| 1778.50 | 3 | 16-QAM | 1 / 14 | 22.39 | -2.70 | 19.69 | 0.093 | 30.00 | -10.31 |
| 1778.50 | 3 | 64-QAM | 1 / 14 | 21.47 | -2.70 | 18.77 | 0.075 | 30.00 | -11.23 |
| 1712.50 | 5 | QPSK | 1 / 24 | 23.06 | -2.70 | 20.36 | 0.109 | 30.00 | -9.64 |
| 1745.00 | 5 | QPSK | 1 / 24 | 23.34 | -2.70 | 20.64 | 0.116 | 30.00 | -9.36 |
| 1777.50 | 5 | QPSK | 1 / 24 | 23.31 | -2.70 | 20.61 | 0.115 | 30.00 | -9.39 |
| 1745.00 | 5 | 16-QAM | 1 / 24 | 22.47 | -2.70 | 19.77 | 0.095 | 30.00 | -10.23 |
| 1745.00 | 5 | 64-QAM | 1 / 24 | 21.50 | -2.70 | 18.80 | 0.076 | 30.00 | -11.20 |
| 1715.00 | 10 | QPSK | 1 / 25 | 23.11 | -2.70 | 20.41 | 0.110 | 30.00 | -9.59 |
| 1745.00 | 10 | QPSK | 1 / 49 | 23.17 | -2.70 | 20.47 | 0.111 | 30.00 | -9.53 |
| 1775.00 | 10 | QPSK | 1 / 0 | 23.26 | -2.70 | 20.56 | 0.114 | 30.00 | -9.44 |
| 1775.00 | 10 | 16-QAM | 1 / 49 | 22.50 | -2.70 | 19.80 | 0.095 | 30.00 | -10.20 |
| 1775.00 | 10 | 64-QAM | 1 / 25 | 21.48 | -2.70 | 18.78 | 0.076 | 30.00 | -11.22 |
| 1717.50 | 15 | QPSK | 1 / 36 | 23.27 | -2.70 | 20.57 | 0.114 | 30.00 | -9.43 |
| 1745.00 | 15 | QPSK | 1 / 74 | 23.16 | -2.70 | 20.46 | 0.111 | 30.00 | -9.54 |
| 1772.50 | 15 | QPSK | 1 / 0 | 23.28 | -2.70 | 20.58 | 0.114 | 30.00 | -9.42 |
| 1772.50 | 15 | 16-QAM | 1 / 74 | 22.43 | -2.70 | 19.73 | 0.094 | 30.00 | -10.27 |
| 1772.50 | 15 | 64-QAM | 1 / 0 | 21.43 | -2.70 | 18.73 | 0.075 | 30.00 | -11.27 |
| 1720.00 | 20 | QPSK | 1 / 99 | 23.41 | -2.70 | 20.71 | 0.118 | 30.00 | -9.29 |
| 1745.00 | 20 | QPSK | 1 / 99 | 23.04 | -2.70 | 20.34 | 0.108 | 30.00 | -9.66 |
| 1770.00 | 20 | QPSK | 1 / 0 | 23.50 | -2.70 | 20.80 | 0.120 | 30.00 | -9.20 |
| 1770.00 | 20 | 16-QAM | 1 / 0 | 22.61 | -2.70 | 19.91 | 0.098 | 30.00 | -10.09 |
| 1770.00 | 20 | 64-QAM | 1 / 0 | 21.70 | -2.70 | 19.00 | 0.079 | 30.00 | -11.00 |

Table 7-57. EIRP Data (Band 66)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 285 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 23.33 | -2.60 | 20.73 | 0.118 | 33.01 | -12.28 |
| 1880.00 | 1.4 | QPSK | 1 / 0 | 23.44 | -2.60 | 20.84 | 0.121 | 33.01 | -12.17 |
| 1909.30 | 1.4 | QPSK | 1 / 2 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1909.30 | 1.4 | 16-QAM | 1 / 0 | 22.83 | -2.60 | 20.23 | 0.105 | 33.01 | -12.78 |
| 1909.30 | 1.4 | 64-QAM | 1 / 2 | 21.83 | -2.60 | 19.23 | 0.084 | 33.01 | -13.78 |
| 1851.50 | 3 | QPSK | 1 / 7 | 23.24 | -2.60 | 20.64 | 0.116 | 33.01 | -12.37 |
| 1880.00 | 3 | QPSK | 1 / 7 | 23.35 | -2.60 | 20.75 | 0.119 | 33.01 | -12.26 |
| 1908.50 | 3 | QPSK | 1 / 7 | 23.33 | -2.60 | 20.73 | 0.118 | 33.01 | -12.28 |
| 1880.00 | 3 | 16-QAM | 1 / 0 | 22.60 | -2.60 | 20.00 | 0.100 | 33.01 | -13.01 |
| 1880.00 | 3 | 64-QAM | 1 / 0 | 21.75 | -2.60 | 19.15 | 0.082 | 33.01 | -13.86 |
| 1852.50 | 5 | QPSK | 1 / 24 | 23.34 | -2.60 | 20.74 | 0.119 | 33.01 | -12.27 |
| 1880.00 | 5 | QPSK | 1 / 0 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1907.50 | 5 | QPSK | 1 / 0 | 23.28 | -2.60 | 20.68 | 0.117 | 33.01 | -12.33 |
| 1880.00 | 5 | 16-QAM | 1 / 0 | 22.65 | -2.60 | 20.05 | 0.101 | 33.01 | -12.96 |
| 1880.00 | 5 | 64-QAM | 1 / 0 | 21.64 | -2.60 | 19.04 | 0.080 | 33.01 | -13.97 |
| 1855.00 | 10 | QPSK | 1 / 49 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1880.00 | 10 | QPSK | 1 / 0 | 23.38 | -2.60 | 20.78 | 0.120 | 33.01 | -12.23 |
| 1905.00 | 10 | QPSK | 1 / 25 | 23.44 | -2.60 | 20.84 | 0.121 | 33.01 | -12.17 |
| 1855.00 | 10 | 16-QAM | 1 / 49 | 22.68 | -2.60 | 20.08 | 0.102 | 33.01 | -12.93 |
| 1855.00 | 10 | 64-QAM | 1 / 49 | 21.72 | -2.60 | 19.12 | 0.082 | 33.01 | -13.89 |
| 1857.50 | 15 | QPSK | 1 / 36 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1880.00 | 15 | QPSK | 1 / 36 | 23.37 | -2.60 | 20.77 | 0.119 | 33.01 | -12.24 |
| 1902.50 | 15 | QPSK | 1 / 36 | 23.35 | -2.60 | 20.75 | 0.119 | 33.01 | -12.26 |
| 1857.50 | 15 | 16-QAM | 1 / 36 | 22.87 | -2.60 | 20.27 | 0.106 | 33.01 | -12.74 |
| 1857.50 | 15 | 64-QAM | 1 / 36 | 21.77 | -2.60 | 19.17 | 0.083 | 33.01 | -13.84 |
| 1860.00 | 20 | QPSK | 1 / 50 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1880.00 | 20 | QPSK | 1 / 50 | 23.24 | -2.60 | 20.64 | 0.116 | 33.01 | -12.37 |
| 1900.00 | 20 | QPSK | 1 / 50 | 23.44 | -2.60 | 20.84 | 0.121 | 33.01 | -12.17 |
| 1860.00 | 20 | 16-QAM | 1 / 50 | 22.75 | -2.60 | 20.15 | 0.104 | 33.01 | -12.86 |
| 1860.00 | 20 | 64-QAM | 1 / 50 | 21.75 | -2.60 | 19.15 | 0.082 | 33.01 | -13.86 |

Table 7-58. EIRP Data (Band 2)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 286 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 0 | 23.07 | -2.60 | 20.47 | 0.111 | 33.01 | -12.54 |
| 1882.50 | 1.4 | QPSK | 1 / 0 | 23.08 | -2.60 | 20.48 | 0.112 | 33.01 | -12.53 |
| 1914.30 | 1.4 | QPSK | 6 / 0 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1914.30 | 1.4 | 16-QAM | 1 / 0 | 22.63 | -2.60 | 20.03 | 0.101 | 33.01 | -12.98 |
| 1914.30 | 1.4 | 64-QAM | 6 / 0 | 21.75 | -2.60 | 19.15 | 0.082 | 33.01 | -13.86 |
| 1851.50 | 3 | QPSK | 8 / 4 | 23.35 | -2.60 | 20.75 | 0.119 | 33.01 | -12.26 |
| 1882.50 | 3 | QPSK | 8 / 4 | 23.34 | -2.60 | 20.74 | 0.119 | 33.01 | -12.27 |
| 1913.50 | 3 | QPSK | 8 / 4 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1913.50 | 3 | 16-QAM | 15 / 0 | 22.67 | -2.60 | 20.07 | 0.102 | 33.01 | -12.94 |
| 1913.50 | 3 | 64-QAM | 15 / 0 | 21.77 | -2.60 | 19.17 | 0.083 | 33.01 | -13.84 |
| 1852.50 | 5 | QPSK | 1 / 24 | 23.42 | -2.60 | 20.82 | 0.121 | 33.01 | -12.19 |
| 1882.50 | 5 | QPSK | 1 / 0 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1912.50 | 5 | QPSK | 1 / 12 | 23.40 | -2.60 | 20.80 | 0.120 | 33.01 | -12.21 |
| 1882.50 | 5 | 16-QAM | 25 / 0 | 22.78 | -2.60 | 20.18 | 0.104 | 33.01 | -12.83 |
| 1882.50 | 5 | 64-QAM | 25 / 0 | 21.74 | -2.60 | 19.14 | 0.082 | 33.01 | -13.87 |
| 1855.00 | 10 | QPSK | 1 / 0 | 23.49 | -2.60 | 20.89 | 0.123 | 33.01 | -12.12 |
| 1882.50 | 10 | QPSK | 50 / 0 | 23.43 | -2.60 | 20.83 | 0.121 | 33.01 | -12.18 |
| 1910.00 | 10 | QPSK | 1 / 0 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1910.00 | 10 | 16-QAM | 1 / 0 | 22.70 | -2.60 | 20.10 | 0.102 | 33.01 | -12.91 |
| 1910.00 | 10 | 64-QAM | 1 / 0 | 21.88 | -2.60 | 19.28 | 0.085 | 33.01 | -13.73 |
| 1857.50 | 15 | QPSK | 36 / 18 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1882.50 | 15 | QPSK | 75 / 0 | 23.25 | -2.60 | 20.65 | 0.116 | 33.01 | -12.36 |
| 1907.50 | 15 | QPSK | 1 / 0 | 23.42 | -2.60 | 20.82 | 0.121 | 33.01 | -12.19 |
| 1857.50 | 15 | 16-QAM | 36 / 18 | 22.78 | -2.60 | 20.18 | 0.104 | 33.01 | -12.83 |
| 1857.50 | 15 | 64-QAM | 1 / 0 | 21.88 | -2.60 | 19.28 | 0.085 | 33.01 | -13.73 |
| 1860.00 | 20 | QPSK | 50 / 25 | 23.32 | -2.60 | 20.72 | 0.118 | 33.01 | -12.29 |
| 1882.50 | 20 | QPSK | 100 / 0 | 23.09 | -2.60 | 20.49 | 0.112 | 33.01 | -12.52 |
| 1905.00 | 20 | QPSK | 1 / 0 | 23.50 | -2.60 | 20.90 | 0.123 | 33.01 | -12.11 |
| 1905.00 | 20 | 16-QAM | 1 / 0 | 22.64 | -2.60 | 20.04 | 0.101 | 33.01 | -12.97 |
| 1905.00 | 20 | 64-QAM | 1 / 0 | 21.75 | -2.60 | 19.15 | 0.082 | 33.01 | -13.86 |

Table 7-59. EIRP Data (Band 25)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 287 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2307.50 | 5 | QPSK | 1 / 0 | 23.00 | -3.10 | 19.90 | 0.098 | 23.98 | -4.08 |
| 2312.50 | 5 | QPSK | 1 / 24 | 22.69 | -3.10 | 19.59 | 0.091 | 23.98 | -4.39 |
| 2307.50 | 5 | 16-QAM | 1 / 0 | 22.14 | -3.10 | 19.04 | 0.080 | 23.98 | -4.94 |
| 2307.50 | 5 | 64-QAM | 1 / 0 | 21.22 | -3.10 | 18.12 | 0.065 | 23.98 | -5.86 |
| 2310.00 | 10 | QPSK | 1 / 0 | 23.00 | -3.10 | 19.90 | 0.098 | 23.98 | -4.08 |
| 2310.00 | 10 | 16-QAM | 1 / 49 | 22.14 | -3.10 | 19.04 | 0.080 | 23.98 | -4.94 |
| 2310.00 | 10 | 64-QAM | 1 / 0 | 21.39 | -3.10 | 18.29 | 0.067 | 23.98 | -5.69 |

Table 7-60. EIRP Data (Band 30)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 288 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2502.50 | 5 | QPSK | 1 / 0 | 22.54 | -0.40 | 22.14 | 0.164 | 33.01 | -10.87 |
| 2535.00 | 5 | QPSK | 1 / 24 | 23.00 | -0.40 | 22.60 | 0.182 | 33.01 | -10.41 |
| 2567.50 | 5 | QPSK | 1 / 12 | 22.64 | -0.40 | 22.24 | 0.167 | 33.01 | -10.77 |
| 2535.00 | 5 | 16-QAM | 1 / 24 | 22.30 | -0.40 | 21.90 | 0.155 | 33.01 | -11.11 |
| 2535.00 | 5 | 64-QAM | 1 / 24 | 21.23 | -0.40 | 20.83 | 0.121 | 33.01 | -12.18 |
| 2505.00 | 10 | QPSK | 1 / 49 | 22.87 | -0.40 | 22.47 | 0.177 | 33.01 | -10.54 |
| 2535.00 | 10 | QPSK | 1 / 49 | 23.00 | -0.40 | 22.60 | 0.182 | 33.01 | -10.41 |
| 2565.00 | 10 | QPSK | 1 / 25 | 22.72 | -0.40 | 22.32 | 0.171 | 33.01 | -10.69 |
| 2535.00 | 10 | 16-QAM | 1 / 49 | 22.24 | -0.40 | 21.84 | 0.153 | 33.01 | -11.17 |
| 2535.00 | 10 | 64-QAM | 1 / 49 | 21.43 | -0.40 | 21.03 | 0.127 | 33.01 | -11.98 |
| 2507.50 | 15 | QPSK | 1 / 74 | 23.00 | -0.40 | 22.60 | 0.182 | 33.01 | -10.41 |
| 2535.00 | 15 | QPSK | 1 / 74 | 22.87 | -0.40 | 22.47 | 0.177 | 33.01 | -10.54 |
| 2562.50 | 15 | QPSK | 1 / 74 | 22.52 | -0.40 | 22.12 | 0.163 | 33.01 | -10.89 |
| 2507.50 | 15 | 16-QAM | 1 / 74 | 22.33 | -0.40 | 21.93 | 0.156 | 33.01 | -11.08 |
| 2507.50 | 15 | 64-QAM | 1 / 74 | 21.46 | -0.40 | 21.06 | 0.128 | 33.01 | -11.95 |
| 2510.00 | 20 | QPSK | 1 / 50 | 22.57 | -0.40 | 22.17 | 0.165 | 33.01 | -10.84 |
| 2535.00 | 20 | QPSK | 1 / 99 | 22.57 | -0.40 | 22.17 | 0.165 | 33.01 | -10.84 |
| 2560.00 | 20 | QPSK | 1 / 99 | 22.80 | -0.40 | 22.40 | 0.174 | 33.01 | -10.61 |
| 2560.00 | 20 | 16-QAM | 1 / 99 | 22.06 | -0.40 | 21.66 | 0.147 | 33.01 | -11.35 |
| 2560.00 | 20 | 64-QAM | 1 / 99 | 21.11 | -0.40 | 20.71 | 0.118 | 33.01 | -12.30 |

Table 7-61. EIRP Data (Band 7)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 289 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 12 | 23.93 | -0.40 | 23.53 | 0.225 | 33.01 | -9.48 |
| 2593.00 | 5 | QPSK | 1 / 0 | 24.94 | -0.40 | 24.54 | 0.284 | 33.01 | -8.47 |
| 2687.50 | 5 | QPSK | 1 / 24 | 24.63 | -0.40 | 24.23 | 0.265 | 33.01 | -8.78 |
| 2593.00 | 5 | 16-QAM | 1 / 0 | 23.92 | -0.40 | 23.52 | 0.225 | 33.01 | -9.49 |
| 2593.00 | 5 | 64-QAM | 1 / 0 | 22.92 | -0.40 | 22.52 | 0.179 | 33.01 | -10.49 |
| 2501.00 | 10 | QPSK | 1 / 0 | 23.90 | -0.40 | 23.50 | 0.224 | 33.01 | -9.51 |
| 2593.00 | 10 | QPSK | 1 / 0 | 24.98 | -0.40 | 24.58 | 0.287 | 33.01 | -8.43 |
| 2685.00 | 10 | QPSK | 1 / 49 | 24.78 | -0.40 | 24.38 | 0.274 | 33.01 | -8.63 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 23.79 | -0.40 | 23.39 | 0.218 | 33.01 | -9.62 |
| 2593.00 | 10 | 64-QAM | 1 / 25 | 22.82 | -0.40 | 22.42 | 0.175 | 33.01 | -10.59 |
| 2503.50 | 15 | QPSK | 1 / 0 | 23.75 | -0.40 | 23.35 | 0.216 | 33.01 | -9.66 |
| 2593.00 | 15 | QPSK | 1 / 0 | 24.88 | -0.40 | 24.48 | 0.281 | 33.01 | -8.53 |
| 2682.50 | 15 | QPSK | 1 / 74 | 24.70 | -0.40 | 24.30 | 0.269 | 33.01 | -8.71 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 23.75 | -0.40 | 23.35 | 0.216 | 33.01 | -9.66 |
| 2593.00 | 15 | 64-QAM | 1 / 36 | 22.79 | -0.40 | 22.39 | 0.173 | 33.01 | -10.62 |
| 2506.00 | 20 | QPSK | 1 / 0 | 23.84 | -0.40 | 23.44 | 0.221 | 33.01 | -9.57 |
| 2593.00 | 20 | QPSK | 1 / 0 | 24.91 | -0.40 | 24.51 | 0.282 | 33.01 | -8.50 |
| 2680.00 | 20 | QPSK | 1 / 99 | 24.70 | -0.40 | 24.30 | 0.269 | 33.01 | -8.71 |
| 2593.00 | 20 | 16-QAM | 1 / 0 | 23.89 | -0.40 | 23.49 | 0.223 | 33.01 | -9.52 |
| 2593.00 | 20 | 64-QAM | 1 / 0 | 23.13 | -0.40 | 22.73 | 0.187 | 33.01 | -10.28 |

Table 7-62. EIRP Data (Band 41 PC2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 290 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 12 | 22.97 | -0.40 | 22.57 | 0.181 | 33.01 | -10.44 |
| 2593.00 | 5 | QPSK | 1 / 0 | 22.93 | -0.40 | 22.53 | 0.179 | 33.01 | -10.48 |
| 2687.50 | 5 | QPSK | 1 / 24 | 22.71 | -0.40 | 22.31 | 0.170 | 33.01 | -10.70 |
| 2593.00 | 5 | 16-QAM | 1 / 0 | 22.00 | -0.40 | 21.60 | 0.145 | 33.01 | -11.41 |
| 2593.00 | 5 | 64-QAM | 1 / 0 | 20.95 | -0.40 | 20.55 | 0.114 | 33.01 | -12.46 |
| 2501.00 | 10 | QPSK | 1 / 25 | 22.87 | -0.40 | 22.47 | 0.177 | 33.01 | -10.54 |
| 2593.00 | 10 | QPSK | 1 / 0 | 22.97 | -0.40 | 22.57 | 0.181 | 33.01 | -10.44 |
| 2685.00 | 10 | QPSK | 1 / 49 | 22.78 | -0.40 | 22.38 | 0.173 | 33.01 | -10.63 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 21.88 | -0.40 | 21.48 | 0.141 | 33.01 | -11.53 |
| 2593.00 | 10 | 64-QAM | 1 / 0 | 20.81 | -0.40 | 20.41 | 0.110 | 33.01 | -12.60 |
| 2503.50 | 15 | QPSK | 1 / 0 | 22.69 | -0.40 | 22.29 | 0.169 | 33.01 | -10.72 |
| 2593.00 | 15 | QPSK | 1 / 0 | 22.85 | -0.40 | 22.45 | 0.176 | 33.01 | -10.56 |
| 2682.50 | 15 | QPSK | 1 / 74 | 22.73 | -0.40 | 22.33 | 0.171 | 33.01 | -10.68 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 21.85 | -0.40 | 21.45 | 0.140 | 33.01 | -11.56 |
| 2593.00 | 15 | 64-QAM | 1 / 36 | 20.84 | -0.40 | 20.44 | 0.111 | 33.01 | -12.57 |
| 2506.00 | 20 | QPSK | 1 / 0 | 22.84 | -0.40 | 22.44 | 0.175 | 33.01 | -10.57 |
| 2593.00 | 20 | QPSK | 1 / 50 | 22.80 | -0.40 | 22.40 | 0.174 | 33.01 | -10.61 |
| 2680.00 | 20 | QPSK | 1 / 99 | 22.86 | -0.40 | 22.46 | 0.176 | 33.01 | -10.55 |
| 2593.00 | 20 | 16-QAM | 1 / 0 | 21.96 | -0.40 | 21.56 | 0.143 | 33.01 | -11.45 |
| 2593.00 | 20 | 64-QAM | 1 / 99 | 20.84 | -0.40 | 20.44 | 0.111 | 33.01 | -12.57 |

Table 7-63. EIRP Data (Band 41 PC3)

| | | | |
|---|--|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 291 of 421 |

7.8.3 Port-C Radiated Power (ERP/EIRP)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 24.74 | -1.50 | 23.24 | 0.211 | 30.00 | -6.76 |
| 1732.50 | 1.4 | QPSK | 1 / 0 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1754.30 | 1.4 | QPSK | 1 / 0 | 24.94 | -1.50 | 23.44 | 0.221 | 30.00 | -6.56 |
| 1732.50 | 1.4 | 16-QAM | 1 / 0 | 24.29 | -1.50 | 22.79 | 0.190 | 30.00 | -7.21 |
| 1732.50 | 1.4 | 64-QAM | 1 / 0 | 22.74 | -1.50 | 21.24 | 0.133 | 30.00 | -8.76 |
| 1711.50 | 3 | QPSK | 1 / 7 | 24.82 | -1.50 | 23.32 | 0.215 | 30.00 | -6.68 |
| 1732.50 | 3 | QPSK | 1 / 7 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1753.50 | 3 | QPSK | 1 / 7 | 24.77 | -1.50 | 23.27 | 0.212 | 30.00 | -6.73 |
| 1732.50 | 3 | 16-QAM | 1 / 7 | 24.29 | -1.50 | 22.79 | 0.190 | 30.00 | -7.21 |
| 1732.50 | 3 | 64-QAM | 1 / 7 | 23.38 | -1.50 | 21.88 | 0.154 | 30.00 | -8.12 |
| 1712.50 | 5 | QPSK | 1 / 24 | 24.75 | -1.50 | 23.25 | 0.211 | 30.00 | -6.75 |
| 1732.50 | 5 | QPSK | 1 / 0 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1752.50 | 5 | QPSK | 1 / 0 | 24.58 | -1.50 | 23.08 | 0.203 | 30.00 | -6.92 |
| 1732.50 | 5 | 16-QAM | 1 / 0 | 24.09 | -1.50 | 22.59 | 0.182 | 30.00 | -7.41 |
| 1732.50 | 5 | 64-QAM | 1 / 12 | 23.30 | -1.50 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1715.00 | 10 | QPSK | 1 / 25 | 24.72 | -1.50 | 23.22 | 0.210 | 30.00 | -6.78 |
| 1732.50 | 10 | QPSK | 1 / 0 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1750.00 | 10 | QPSK | 1 / 49 | 24.72 | -1.50 | 23.22 | 0.210 | 30.00 | -6.78 |
| 1732.50 | 10 | 16-QAM | 1 / 0 | 24.25 | -1.50 | 22.75 | 0.188 | 30.00 | -7.25 |
| 1732.50 | 10 | 64-QAM | 1 / 0 | 23.51 | -1.50 | 22.01 | 0.159 | 30.00 | -7.99 |
| 1717.50 | 15 | QPSK | 1 / 36 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1732.50 | 15 | QPSK | 1 / 36 | 24.99 | -1.50 | 23.49 | 0.223 | 30.00 | -6.51 |
| 1747.50 | 15 | QPSK | 1 / 0 | 24.72 | -1.50 | 23.22 | 0.210 | 30.00 | -6.78 |
| 1717.50 | 15 | 16-QAM | 1 / 74 | 24.12 | -1.50 | 22.62 | 0.183 | 30.00 | -7.38 |
| 1717.50 | 15 | 64-QAM | 1 / 36 | 23.44 | -1.50 | 21.94 | 0.156 | 30.00 | -8.06 |
| 1720.00 | 20 | QPSK | 1 / 99 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1732.50 | 20 | QPSK | 1 / 50 | 24.82 | -1.50 | 23.32 | 0.215 | 30.00 | -6.68 |
| 1745.00 | 20 | QPSK | 1 / 0 | 24.94 | -1.50 | 23.44 | 0.221 | 30.00 | -6.56 |
| 1720.00 | 20 | 16-QAM | 1 / 99 | 24.15 | -1.50 | 22.65 | 0.184 | 30.00 | -7.35 |
| 1720.00 | 20 | 64-QAM | 1 / 99 | 23.43 | -1.50 | 21.93 | 0.156 | 30.00 | -8.07 |

Table 7-64. EIRP Data (Band 4)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 292 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 24.77 | -1.50 | 23.27 | 0.212 | 30.00 | -6.73 |
| 1745.00 | 1.4 | QPSK | 1 / 5 | 24.78 | -1.50 | 23.28 | 0.213 | 30.00 | -6.72 |
| 1779.30 | 1.4 | QPSK | 1 / 5 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1779.30 | 1.4 | 16-QAM | 1 / 0 | 24.12 | -1.50 | 22.62 | 0.183 | 30.00 | -7.38 |
| 1779.30 | 1.4 | 64-QAM | 1 / 0 | 23.27 | -1.50 | 21.77 | 0.150 | 30.00 | -8.23 |
| 1711.50 | 3 | QPSK | 1 / 7 | 24.90 | -1.50 | 23.40 | 0.219 | 30.00 | -6.60 |
| 1745.00 | 3 | QPSK | 1 / 7 | 24.93 | -1.50 | 23.43 | 0.220 | 30.00 | -6.57 |
| 1778.50 | 3 | QPSK | 1 / 7 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1778.50 | 3 | 16-QAM | 1 / 0 | 24.17 | -1.50 | 22.67 | 0.185 | 30.00 | -7.33 |
| 1778.50 | 3 | 64-QAM | 1 / 7 | 23.19 | -1.50 | 21.69 | 0.148 | 30.00 | -8.31 |
| 1712.50 | 5 | QPSK | 1 / 24 | 24.97 | -1.50 | 23.47 | 0.222 | 30.00 | -6.53 |
| 1745.00 | 5 | QPSK | 1 / 0 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1777.50 | 5 | QPSK | 1 / 0 | 24.98 | -1.50 | 23.48 | 0.223 | 30.00 | -6.52 |
| 1745.00 | 5 | 16-QAM | 1 / 0 | 24.20 | -1.50 | 22.70 | 0.186 | 30.00 | -7.30 |
| 1745.00 | 5 | 64-QAM | 1 / 0 | 23.31 | -1.50 | 21.81 | 0.152 | 30.00 | -8.19 |
| 1715.00 | 10 | QPSK | 1 / 0 | 24.88 | -1.50 | 23.38 | 0.218 | 30.00 | -6.62 |
| 1745.00 | 10 | QPSK | 1 / 0 | 24.90 | -1.50 | 23.40 | 0.219 | 30.00 | -6.60 |
| 1775.00 | 10 | QPSK | 1 / 0 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1775.00 | 10 | 16-QAM | 1 / 25 | 24.15 | -1.50 | 22.65 | 0.184 | 30.00 | -7.35 |
| 1775.00 | 10 | 64-QAM | 1 / 0 | 23.34 | -1.50 | 21.84 | 0.153 | 30.00 | -8.16 |
| 1717.50 | 15 | QPSK | 1 / 74 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1745.00 | 15 | QPSK | 1 / 0 | 24.79 | -1.50 | 23.29 | 0.213 | 30.00 | -6.71 |
| 1772.50 | 15 | QPSK | 1 / 0 | 24.91 | -1.50 | 23.41 | 0.219 | 30.00 | -6.59 |
| 1717.50 | 15 | 16-QAM | 1 / 36 | 24.19 | -1.50 | 22.69 | 0.186 | 30.00 | -7.31 |
| 1717.50 | 15 | 64-QAM | 1 / 74 | 23.29 | -1.50 | 21.79 | 0.151 | 30.00 | -8.21 |
| 1720.00 | 20 | QPSK | 1 / 99 | 24.96 | -1.50 | 23.46 | 0.222 | 30.00 | -6.54 |
| 1745.00 | 20 | QPSK | 1 / 0 | 24.69 | -1.50 | 23.19 | 0.208 | 30.00 | -6.81 |
| 1770.00 | 20 | QPSK | 1 / 0 | 25.00 | -1.50 | 23.50 | 0.224 | 30.00 | -6.50 |
| 1770.00 | 20 | 16-QAM | 1 / 0 | 24.14 | -1.50 | 22.64 | 0.184 | 30.00 | -7.36 |
| 1770.00 | 20 | 64-QAM | 1 / 0 | 23.31 | -1.50 | 21.81 | 0.152 | 30.00 | -8.19 |

Table 7-65. EIRP Data (Band 66)

| | | | |
|---|--|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 293 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 24.85 | -1.70 | 23.15 | 0.207 | 33.01 | -9.86 |
| 1880.00 | 1.4 | QPSK | 1 / 0 | 24.86 | -1.70 | 23.16 | 0.207 | 33.01 | -9.85 |
| 1909.30 | 1.4 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1909.30 | 1.4 | 16-QAM | 1 / 2 | 24.19 | -1.70 | 22.49 | 0.177 | 33.01 | -10.52 |
| 1909.30 | 1.4 | 64-QAM | 1 / 2 | 23.18 | -1.70 | 21.48 | 0.141 | 33.01 | -11.53 |
| 1851.50 | 3 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1880.00 | 3 | QPSK | 1 / 7 | 24.99 | -1.70 | 23.29 | 0.213 | 33.01 | -9.72 |
| 1908.50 | 3 | QPSK | 1 / 0 | 24.98 | -1.70 | 23.28 | 0.213 | 33.01 | -9.73 |
| 1851.50 | 3 | 16-QAM | 1 / 7 | 24.26 | -1.70 | 22.56 | 0.180 | 33.01 | -10.45 |
| 1851.50 | 3 | 64-QAM | 1 / 0 | 23.29 | -1.70 | 21.59 | 0.144 | 33.01 | -11.42 |
| 1852.50 | 5 | QPSK | 1 / 0 | 24.86 | -1.70 | 23.16 | 0.207 | 33.01 | -9.85 |
| 1880.00 | 5 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1907.50 | 5 | QPSK | 1 / 0 | 24.92 | -1.70 | 23.22 | 0.210 | 33.01 | -9.79 |
| 1880.00 | 5 | 16-QAM | 1 / 0 | 24.18 | -1.70 | 22.48 | 0.177 | 33.01 | -10.53 |
| 1880.00 | 5 | 64-QAM | 1 / 12 | 23.24 | -1.70 | 21.54 | 0.143 | 33.01 | -11.47 |
| 1855.00 | 10 | QPSK | 1 / 0 | 24.71 | -1.70 | 23.01 | 0.200 | 33.01 | -10.00 |
| 1880.00 | 10 | QPSK | 1 / 49 | 24.78 | -1.70 | 23.08 | 0.203 | 33.01 | -9.93 |
| 1905.00 | 10 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1905.00 | 10 | 16-QAM | 1 / 25 | 24.17 | -1.70 | 22.47 | 0.177 | 33.01 | -10.54 |
| 1905.00 | 10 | 64-QAM | 1 / 0 | 23.43 | -1.70 | 21.73 | 0.149 | 33.01 | -11.28 |
| 1857.50 | 15 | QPSK | 1 / 0 | 24.87 | -1.70 | 23.17 | 0.207 | 33.01 | -9.84 |
| 1880.00 | 15 | QPSK | 1 / 36 | 24.85 | -1.70 | 23.15 | 0.207 | 33.01 | -9.86 |
| 1902.50 | 15 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1902.50 | 15 | 16-QAM | 1 / 36 | 24.17 | -1.70 | 22.47 | 0.177 | 33.01 | -10.54 |
| 1902.50 | 15 | 64-QAM | 1 / 36 | 23.42 | -1.70 | 21.72 | 0.149 | 33.01 | -11.29 |
| 1860.00 | 20 | QPSK | 1 / 0 | 24.61 | -1.70 | 22.91 | 0.195 | 33.01 | -10.10 |
| 1880.00 | 20 | QPSK | 1 / 99 | 24.60 | -1.70 | 22.90 | 0.195 | 33.01 | -10.11 |
| 1900.00 | 20 | QPSK | 1 / 50 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1900.00 | 20 | 16-QAM | 1 / 50 | 24.12 | -1.70 | 22.42 | 0.175 | 33.01 | -10.59 |
| 1900.00 | 20 | 64-QAM | 1 / 50 | 23.29 | -1.70 | 21.59 | 0.144 | 33.01 | -11.42 |

Table 7-66. EIRP Data (Band 2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 294 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 24.77 | -1.70 | 23.07 | 0.203 | 33.01 | -9.94 |
| 1882.50 | 1.4 | QPSK | 1 / 0 | 24.62 | -1.70 | 22.92 | 0.196 | 33.01 | -10.09 |
| 1914.30 | 1.4 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1914.30 | 1.4 | 16-QAM | 1 / 0 | 24.02 | -1.70 | 22.32 | 0.171 | 33.01 | -10.69 |
| 1914.30 | 1.4 | 64-QAM | 1 / 0 | 22.91 | -1.70 | 21.21 | 0.132 | 33.01 | -11.80 |
| 1851.50 | 3 | QPSK | 1 / 0 | 24.89 | -1.70 | 23.19 | 0.208 | 33.01 | -9.82 |
| 1882.50 | 3 | QPSK | 1 / 7 | 24.99 | -1.70 | 23.29 | 0.213 | 33.01 | -9.72 |
| 1913.50 | 3 | QPSK | 1 / 7 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1913.50 | 3 | 16-QAM | 1 / 7 | 23.85 | -1.70 | 22.15 | 0.164 | 33.01 | -10.86 |
| 1913.50 | 3 | 64-QAM | 1 / 14 | 22.90 | -1.70 | 21.20 | 0.132 | 33.01 | -11.81 |
| 1852.50 | 5 | QPSK | 1 / 0 | 24.63 | -1.70 | 22.93 | 0.196 | 33.01 | -10.08 |
| 1882.50 | 5 | QPSK | 1 / 24 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1912.50 | 5 | QPSK | 1 / 12 | 24.90 | -1.70 | 23.20 | 0.209 | 33.01 | -9.81 |
| 1882.50 | 5 | 16-QAM | 1 / 24 | 24.24 | -1.70 | 22.54 | 0.179 | 33.01 | -10.47 |
| 1882.50 | 5 | 64-QAM | 1 / 24 | 23.27 | -1.70 | 21.57 | 0.144 | 33.01 | -11.44 |
| 1855.00 | 10 | QPSK | 1 / 0 | 24.90 | -1.70 | 23.20 | 0.209 | 33.01 | -9.81 |
| 1882.50 | 10 | QPSK | 1 / 25 | 24.96 | -1.70 | 23.26 | 0.212 | 33.01 | -9.75 |
| 1910.00 | 10 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1910.00 | 10 | 16-QAM | 1 / 0 | 23.88 | -1.70 | 22.18 | 0.165 | 33.01 | -10.83 |
| 1910.00 | 10 | 64-QAM | 1 / 25 | 22.79 | -1.70 | 21.09 | 0.129 | 33.01 | -11.92 |
| 1857.50 | 15 | QPSK | 1 / 0 | 24.70 | -1.70 | 23.00 | 0.200 | 33.01 | -10.01 |
| 1882.50 | 15 | QPSK | 1 / 74 | 24.88 | -1.70 | 23.18 | 0.208 | 33.01 | -9.83 |
| 1907.50 | 15 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1907.50 | 15 | 16-QAM | 1 / 0 | 23.96 | -1.70 | 22.26 | 0.168 | 33.01 | -10.75 |
| 1907.50 | 15 | 64-QAM | 1 / 0 | 22.96 | -1.70 | 21.26 | 0.134 | 33.01 | -11.75 |
| 1860.00 | 20 | QPSK | 1 / 0 | 24.53 | -1.70 | 22.83 | 0.192 | 33.01 | -10.18 |
| 1882.50 | 20 | QPSK | 1 / 99 | 24.93 | -1.70 | 23.23 | 0.210 | 33.01 | -9.78 |
| 1905.00 | 20 | QPSK | 1 / 0 | 25.00 | -1.70 | 23.30 | 0.214 | 33.01 | -9.71 |
| 1905.00 | 20 | 16-QAM | 1 / 0 | 24.17 | -1.70 | 22.47 | 0.177 | 33.01 | -10.54 |
| 1905.00 | 20 | 64-QAM | 1 / 0 | 23.03 | -1.70 | 21.33 | 0.136 | 33.01 | -11.68 |

Table 7-67. EIRP Data (Band 25)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 295 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2307.50 | 5 | QPSK | 1 / 12 | 23.43 | -0.20 | 23.23 | 0.210 | 23.98 | -0.75 |
| 2312.50 | 5 | QPSK | 1 / 0 | 23.25 | -0.20 | 23.05 | 0.202 | 23.98 | -0.93 |
| 2307.50 | 5 | 16-QAM | 1 / 12 | 22.70 | -0.20 | 22.50 | 0.178 | 23.98 | -1.48 |
| 2307.50 | 5 | 64-QAM | 1 / 12 | 21.68 | -0.20 | 21.48 | 0.141 | 23.98 | -2.50 |
| 2310.00 | 10 | QPSK | 1 / 25 | 23.50 | -0.20 | 23.30 | 0.214 | 23.98 | -0.68 |
| 2310.00 | 10 | 16-QAM | 1 / 25 | 22.63 | -0.20 | 22.43 | 0.175 | 23.98 | -1.55 |
| 2310.00 | 10 | 64-QAM | 1 / 25 | 21.91 | -0.20 | 21.71 | 0.148 | 23.98 | -2.27 |

Table 7-68. EIRP Data (Band 30)

| | | | |
|--|---|-----------------------------------|--|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 296 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2502.50 | 5 | QPSK | 1 / 12 | 25.00 | 0.30 | 25.30 | 0.339 | 33.01 | -7.71 |
| 2535.00 | 5 | QPSK | 1 / 0 | 24.76 | 0.30 | 25.06 | 0.321 | 33.01 | -7.95 |
| 2567.50 | 5 | QPSK | 1 / 24 | 24.69 | 0.30 | 24.99 | 0.316 | 33.01 | -8.02 |
| 2502.50 | 5 | 16-QAM | 1 / 24 | 24.24 | 0.30 | 24.54 | 0.284 | 33.01 | -8.47 |
| 2502.50 | 5 | 64-QAM | 1 / 24 | 23.16 | 0.30 | 23.46 | 0.222 | 33.01 | -9.55 |
| 2505.00 | 10 | QPSK | 1 / 0 | 25.00 | 0.30 | 25.30 | 0.339 | 33.01 | -7.71 |
| 2535.00 | 10 | QPSK | 1 / 49 | 24.74 | 0.30 | 25.04 | 0.319 | 33.01 | -7.97 |
| 2565.00 | 10 | QPSK | 1 / 49 | 24.76 | 0.30 | 25.06 | 0.321 | 33.01 | -7.95 |
| 2505.00 | 10 | 16-QAM | 1 / 25 | 24.20 | 0.30 | 24.50 | 0.282 | 33.01 | -8.51 |
| 2505.00 | 10 | 64-QAM | 1 / 0 | 23.15 | 0.30 | 23.45 | 0.221 | 33.01 | -9.56 |
| 2507.50 | 15 | QPSK | 1 / 74 | 25.00 | 0.30 | 25.30 | 0.339 | 33.01 | -7.71 |
| 2535.00 | 15 | QPSK | 1 / 74 | 24.52 | 0.30 | 24.82 | 0.303 | 33.01 | -8.19 |
| 2562.50 | 15 | QPSK | 1 / 74 | 24.55 | 0.30 | 24.85 | 0.305 | 33.01 | -8.16 |
| 2507.50 | 15 | 16-QAM | 1 / 74 | 24.06 | 0.30 | 24.36 | 0.273 | 33.01 | -8.65 |
| 2507.50 | 15 | 64-QAM | 1 / 74 | 23.04 | 0.30 | 23.34 | 0.216 | 33.01 | -9.67 |
| 2510.00 | 20 | QPSK | 1 / 50 | 25.00 | 0.30 | 25.30 | 0.339 | 33.01 | -7.71 |
| 2535.00 | 20 | QPSK | 1 / 99 | 24.86 | 0.30 | 25.16 | 0.328 | 33.01 | -7.85 |
| 2560.00 | 20 | QPSK | 1 / 99 | 24.54 | 0.30 | 24.84 | 0.305 | 33.01 | -8.17 |
| 2510.00 | 20 | 16-QAM | 1 / 50 | 24.17 | 0.30 | 24.47 | 0.280 | 33.01 | -8.54 |
| 2510.00 | 20 | 64-QAM | 1 / 0 | 23.25 | 0.30 | 23.55 | 0.226 | 33.01 | -9.46 |

Table 7-69. EIRP Data (Band 7)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 297 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 0 | 25.86 | 0.30 | 26.16 | 0.413 | 33.01 | -6.85 |
| 2593.00 | 5 | QPSK | 1 / 24 | 27.93 | 0.30 | 28.23 | 0.665 | 33.01 | -4.78 |
| 2687.50 | 5 | QPSK | 1 / 24 | 27.83 | 0.30 | 28.13 | 0.650 | 33.01 | -4.88 |
| 2593.00 | 5 | 16-QAM | 1 / 12 | 27.43 | 0.30 | 27.73 | 0.593 | 33.01 | -5.28 |
| 2593.00 | 5 | 64-QAM | 1 / 0 | 26.51 | 0.30 | 26.81 | 0.480 | 33.01 | -6.20 |
| 2501.00 | 10 | QPSK | 1 / 0 | 25.96 | 0.30 | 26.26 | 0.423 | 33.01 | -6.75 |
| 2593.00 | 10 | QPSK | 1 / 49 | 28.00 | 0.30 | 28.30 | 0.676 | 33.01 | -4.71 |
| 2685.00 | 10 | QPSK | 1 / 49 | 27.89 | 0.30 | 28.19 | 0.659 | 33.01 | -4.82 |
| 2593.00 | 10 | 16-QAM | 1 / 49 | 27.43 | 0.30 | 27.73 | 0.593 | 33.01 | -5.28 |
| 2593.00 | 10 | 64-QAM | 1 / 49 | 26.33 | 0.30 | 26.63 | 0.460 | 33.01 | -6.38 |
| 2503.50 | 15 | QPSK | 1 / 0 | 26.00 | 0.30 | 26.30 | 0.427 | 33.01 | -6.71 |
| 2593.00 | 15 | QPSK | 1 / 36 | 27.99 | 0.30 | 28.29 | 0.675 | 33.01 | -4.72 |
| 2682.50 | 15 | QPSK | 1 / 74 | 27.86 | 0.30 | 28.16 | 0.655 | 33.01 | -4.85 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 27.12 | 0.30 | 27.42 | 0.552 | 33.01 | -5.59 |
| 2593.00 | 15 | 64-QAM | 1 / 36 | 26.42 | 0.30 | 26.72 | 0.470 | 33.01 | -6.29 |
| 2506.00 | 20 | QPSK | 1 / 0 | 25.87 | 0.30 | 26.17 | 0.414 | 33.01 | -6.84 |
| 2593.00 | 20 | QPSK | 1 / 99 | 27.94 | 0.30 | 28.24 | 0.667 | 33.01 | -4.77 |
| 2680.00 | 20 | QPSK | 1 / 99 | 27.83 | 0.30 | 28.13 | 0.650 | 33.01 | -4.88 |
| 2593.00 | 20 | 16-QAM | 1 / 99 | 27.42 | 0.30 | 27.72 | 0.592 | 33.01 | -5.29 |
| 2593.00 | 20 | 64-QAM | 1 / 50 | 26.50 | 0.30 | 26.80 | 0.479 | 33.01 | -6.21 |

Table 7-70. EIRP Data (Band 41 PC2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 298 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 0 | 24.30 | 0.30 | 24.60 | 0.288 | 33.01 | -8.41 |
| 2593.00 | 5 | QPSK | 1 / 0 | 25.58 | 0.30 | 25.88 | 0.387 | 33.01 | -7.13 |
| 2687.50 | 5 | QPSK | 1 / 24 | 25.48 | 0.30 | 25.78 | 0.378 | 33.01 | -7.23 |
| 2593.00 | 5 | 16-QAM | 1 / 24 | 24.57 | 0.30 | 24.87 | 0.307 | 33.01 | -8.14 |
| 2593.00 | 5 | 64-QAM | 1 / 24 | 23.51 | 0.30 | 23.81 | 0.240 | 33.01 | -9.20 |
| 2501.00 | 10 | QPSK | 1 / 0 | 24.30 | 0.30 | 24.60 | 0.288 | 33.01 | -8.41 |
| 2593.00 | 10 | QPSK | 1 / 0 | 25.57 | 0.30 | 25.87 | 0.386 | 33.01 | -7.14 |
| 2685.00 | 10 | QPSK | 1 / 49 | 25.54 | 0.30 | 25.84 | 0.384 | 33.01 | -7.17 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 24.44 | 0.30 | 24.74 | 0.298 | 33.01 | -8.27 |
| 2593.00 | 10 | 64-QAM | 1 / 25 | 23.54 | 0.30 | 23.84 | 0.242 | 33.01 | -9.17 |
| 2503.50 | 15 | QPSK | 1 / 0 | 24.28 | 0.30 | 24.58 | 0.287 | 33.01 | -8.43 |
| 2593.00 | 15 | QPSK | 1 / 0 | 25.44 | 0.30 | 25.74 | 0.375 | 33.01 | -7.27 |
| 2682.50 | 15 | QPSK | 1 / 74 | 25.50 | 0.30 | 25.80 | 0.380 | 33.01 | -7.21 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 24.32 | 0.30 | 24.62 | 0.290 | 33.01 | -8.39 |
| 2593.00 | 15 | 64-QAM | 1 / 36 | 23.46 | 0.30 | 23.76 | 0.238 | 33.01 | -9.25 |
| 2506.00 | 20 | QPSK | 1 / 0 | 24.30 | 0.30 | 24.60 | 0.288 | 33.01 | -8.41 |
| 2593.00 | 20 | QPSK | 1 / 99 | 25.55 | 0.30 | 25.85 | 0.385 | 33.01 | -7.16 |
| 2680.00 | 20 | QPSK | 1 / 99 | 25.57 | 0.30 | 25.87 | 0.386 | 33.01 | -7.14 |
| 2593.00 | 20 | 16-QAM | 1 / 99 | 24.53 | 0.30 | 24.83 | 0.304 | 33.01 | -8.18 |
| 2593.00 | 20 | 64-QAM | 1 / 99 | 23.53 | 0.30 | 23.83 | 0.242 | 33.01 | -9.18 |

Table 7-71. EIRP Data (Band 41 PC3)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 299 of 421 |

7.8.4 Port-D Radiated Power (ERP/EIRP)

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 22.79 | -1.20 | 21.59 | 0.144 | 30.00 | -8.41 |
| 1732.50 | 1.4 | QPSK | 1 / 5 | 22.91 | -1.20 | 21.71 | 0.148 | 30.00 | -8.29 |
| 1754.30 | 1.4 | QPSK | 1 / 5 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1754.30 | 1.4 | 16-QAM | 1 / 0 | 22.30 | -1.20 | 21.10 | 0.129 | 30.00 | -8.90 |
| 1754.30 | 1.4 | 64-QAM | 1 / 0 | 21.32 | -1.20 | 20.12 | 0.103 | 30.00 | -9.88 |
| 1711.50 | 3 | QPSK | 1 / 7 | 22.83 | -1.20 | 21.63 | 0.146 | 30.00 | -8.37 |
| 1732.50 | 3 | QPSK | 1 / 0 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1753.50 | 3 | QPSK | 1 / 7 | 22.93 | -1.20 | 21.73 | 0.149 | 30.00 | -8.27 |
| 1732.50 | 3 | 16-QAM | 1 / 0 | 22.37 | -1.20 | 21.17 | 0.131 | 30.00 | -8.83 |
| 1732.50 | 3 | 64-QAM | 1 / 14 | 21.28 | -1.20 | 20.08 | 0.102 | 30.00 | -9.92 |
| 1712.50 | 5 | QPSK | 1 / 24 | 22.74 | -1.20 | 21.54 | 0.143 | 30.00 | -8.46 |
| 1732.50 | 5 | QPSK | 1 / 0 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1752.50 | 5 | QPSK | 1 / 12 | 22.64 | -1.20 | 21.44 | 0.139 | 30.00 | -8.56 |
| 1732.50 | 5 | 16-QAM | 1 / 0 | 22.05 | -1.20 | 20.85 | 0.122 | 30.00 | -9.15 |
| 1732.50 | 5 | 64-QAM | 1 / 12 | 21.07 | -1.20 | 19.87 | 0.097 | 30.00 | -10.13 |
| 1715.00 | 10 | QPSK | 1 / 49 | 22.90 | -1.20 | 21.70 | 0.148 | 30.00 | -8.30 |
| 1732.50 | 10 | QPSK | 1 / 0 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1750.00 | 10 | QPSK | 1 / 49 | 22.78 | -1.20 | 21.58 | 0.144 | 30.00 | -8.42 |
| 1732.50 | 10 | 16-QAM | 1 / 0 | 22.19 | -1.20 | 20.99 | 0.126 | 30.00 | -9.01 |
| 1732.50 | 10 | 64-QAM | 1 / 0 | 21.17 | -1.20 | 19.97 | 0.099 | 30.00 | -10.03 |
| 1717.50 | 15 | QPSK | 1 / 36 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1732.50 | 15 | QPSK | 1 / 0 | 22.99 | -1.20 | 21.79 | 0.151 | 30.00 | -8.21 |
| 1747.50 | 15 | QPSK | 1 / 74 | 22.72 | -1.20 | 21.52 | 0.142 | 30.00 | -8.48 |
| 1717.50 | 15 | 16-QAM | 1 / 74 | 22.21 | -1.20 | 21.01 | 0.126 | 30.00 | -8.99 |
| 1717.50 | 15 | 64-QAM | 1 / 74 | 21.23 | -1.20 | 20.03 | 0.101 | 30.00 | -9.97 |
| 1720.00 | 20 | QPSK | 1 / 99 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1732.50 | 20 | QPSK | 1 / 0 | 22.83 | -1.20 | 21.63 | 0.146 | 30.00 | -8.37 |
| 1745.00 | 20 | QPSK | 1 / 99 | 22.88 | -1.20 | 21.68 | 0.147 | 30.00 | -8.32 |
| 1720.00 | 20 | 16-QAM | 1 / 50 | 22.19 | -1.20 | 20.99 | 0.126 | 30.00 | -9.01 |
| 1720.00 | 20 | 64-QAM | 1 / 99 | 21.10 | -1.20 | 19.90 | 0.098 | 30.00 | -10.10 |

Table 7-72. EIRP Data (Band 4)

| | | | |
|---|--|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 300 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1710.70 | 1.4 | QPSK | 1 / 5 | 22.72 | -1.20 | 21.52 | 0.142 | 30.00 | -8.48 |
| 1745.00 | 1.4 | QPSK | 1 / 0 | 22.68 | -1.20 | 21.48 | 0.141 | 30.00 | -8.52 |
| 1779.30 | 1.4 | QPSK | 1 / 5 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1779.30 | 1.4 | 16-QAM | 1 / 2 | 22.12 | -1.20 | 20.92 | 0.124 | 30.00 | -9.08 |
| 1779.30 | 1.4 | 64-QAM | 1 / 0 | 21.09 | -1.20 | 19.89 | 0.097 | 30.00 | -10.11 |
| 1711.50 | 3 | QPSK | 1 / 14 | 22.85 | -1.20 | 21.65 | 0.146 | 30.00 | -8.35 |
| 1745.00 | 3 | QPSK | 1 / 7 | 22.82 | -1.20 | 21.62 | 0.145 | 30.00 | -8.38 |
| 1778.50 | 3 | QPSK | 1 / 14 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1778.50 | 3 | 16-QAM | 1 / 14 | 22.13 | -1.20 | 20.93 | 0.124 | 30.00 | -9.07 |
| 1778.50 | 3 | 64-QAM | 1 / 7 | 21.20 | -1.20 | 20.00 | 0.100 | 30.00 | -10.00 |
| 1712.50 | 5 | QPSK | 1 / 24 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1745.00 | 5 | QPSK | 1 / 24 | 22.98 | -1.20 | 21.78 | 0.151 | 30.00 | -8.22 |
| 1777.50 | 5 | QPSK | 1 / 24 | 22.91 | -1.20 | 21.71 | 0.148 | 30.00 | -8.29 |
| 1712.50 | 5 | 16-QAM | 1 / 24 | 22.23 | -1.20 | 21.03 | 0.127 | 30.00 | -8.97 |
| 1712.50 | 5 | 64-QAM | 1 / 12 | 21.22 | -1.20 | 20.02 | 0.100 | 30.00 | -9.98 |
| 1715.00 | 10 | QPSK | 1 / 49 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1745.00 | 10 | QPSK | 1 / 49 | 22.76 | -1.20 | 21.56 | 0.143 | 30.00 | -8.44 |
| 1775.00 | 10 | QPSK | 1 / 49 | 22.83 | -1.20 | 21.63 | 0.146 | 30.00 | -8.37 |
| 1715.00 | 10 | 16-QAM | 1 / 49 | 22.26 | -1.20 | 21.06 | 0.128 | 30.00 | -8.94 |
| 1715.00 | 10 | 64-QAM | 1 / 49 | 21.25 | -1.20 | 20.05 | 0.101 | 30.00 | -9.95 |
| 1717.50 | 15 | QPSK | 1 / 36 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1745.00 | 15 | QPSK | 1 / 36 | 22.71 | -1.20 | 21.51 | 0.142 | 30.00 | -8.49 |
| 1772.50 | 15 | QPSK | 1 / 36 | 22.79 | -1.20 | 21.59 | 0.144 | 30.00 | -8.41 |
| 1717.50 | 15 | 16-QAM | 1 / 74 | 22.23 | -1.20 | 21.03 | 0.127 | 30.00 | -8.97 |
| 1717.50 | 15 | 64-QAM | 1 / 74 | 21.13 | -1.20 | 19.93 | 0.098 | 30.00 | -10.07 |
| 1720.00 | 20 | QPSK | 1 / 99 | 23.00 | -1.20 | 21.80 | 0.151 | 30.00 | -8.20 |
| 1745.00 | 20 | QPSK | 1 / 99 | 22.61 | -1.20 | 21.41 | 0.138 | 30.00 | -8.59 |
| 1770.00 | 20 | QPSK | 1 / 0 | 22.89 | -1.20 | 21.69 | 0.148 | 30.00 | -8.31 |
| 1720.00 | 20 | 16-QAM | 1 / 50 | 22.16 | -1.20 | 20.96 | 0.125 | 30.00 | -9.04 |
| 1720.00 | 20 | 64-QAM | 1 / 50 | 21.02 | -1.20 | 19.82 | 0.096 | 30.00 | -10.18 |

Table 7-73. EIRP Data (Band 66)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 301 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 22.95 | -0.30 | 22.65 | 0.184 | 33.01 | -10.36 |
| 1880.00 | 1.4 | QPSK | 1 / 2 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1909.30 | 1.4 | QPSK | 1 / 5 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1880.00 | 1.4 | 16-QAM | 1 / 0 | 22.38 | -0.30 | 22.08 | 0.161 | 33.01 | -10.93 |
| 1880.00 | 1.4 | 64-QAM | 1 / 2 | 21.39 | -0.30 | 21.09 | 0.129 | 33.01 | -11.92 |
| 1851.50 | 3 | QPSK | 1 / 14 | 22.96 | -0.30 | 22.66 | 0.185 | 33.01 | -10.35 |
| 1880.00 | 3 | QPSK | 1 / 7 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1908.50 | 3 | QPSK | 1 / 14 | 22.77 | -0.30 | 22.47 | 0.177 | 33.01 | -10.54 |
| 1880.00 | 3 | 16-QAM | 1 / 0 | 22.28 | -0.30 | 21.98 | 0.158 | 33.01 | -11.03 |
| 1880.00 | 3 | 64-QAM | 1 / 14 | 21.28 | -0.30 | 20.98 | 0.125 | 33.01 | -12.03 |
| 1852.50 | 5 | QPSK | 1 / 24 | 22.95 | -0.30 | 22.65 | 0.184 | 33.01 | -10.36 |
| 1880.00 | 5 | QPSK | 1 / 0 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1907.50 | 5 | QPSK | 1 / 0 | 22.67 | -0.30 | 22.37 | 0.173 | 33.01 | -10.64 |
| 1880.00 | 5 | 16-QAM | 1 / 0 | 22.15 | -0.30 | 21.85 | 0.153 | 33.01 | -11.16 |
| 1880.00 | 5 | 64-QAM | 1 / 12 | 21.15 | -0.30 | 20.85 | 0.122 | 33.01 | -12.16 |
| 1855.00 | 10 | QPSK | 1 / 25 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1880.00 | 10 | QPSK | 1 / 0 | 22.85 | -0.30 | 22.55 | 0.180 | 33.01 | -10.46 |
| 1905.00 | 10 | QPSK | 1 / 25 | 22.79 | -0.30 | 22.49 | 0.177 | 33.01 | -10.52 |
| 1855.00 | 10 | 16-QAM | 1 / 25 | 22.11 | -0.30 | 21.81 | 0.152 | 33.01 | -11.20 |
| 1855.00 | 10 | 64-QAM | 1 / 49 | 21.15 | -0.30 | 20.85 | 0.122 | 33.01 | -12.16 |
| 1857.50 | 15 | QPSK | 1 / 36 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1880.00 | 15 | QPSK | 1 / 36 | 22.74 | -0.30 | 22.44 | 0.175 | 33.01 | -10.57 |
| 1902.50 | 15 | QPSK | 1 / 36 | 22.60 | -0.30 | 22.30 | 0.170 | 33.01 | -10.71 |
| 1857.50 | 15 | 16-QAM | 1 / 36 | 22.16 | -0.30 | 21.86 | 0.153 | 33.01 | -11.15 |
| 1857.50 | 15 | 64-QAM | 1 / 36 | 21.13 | -0.30 | 20.83 | 0.121 | 33.01 | -12.18 |
| 1860.00 | 20 | QPSK | 1 / 50 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1880.00 | 20 | QPSK | 1 / 50 | 22.73 | -0.30 | 22.43 | 0.175 | 33.01 | -10.58 |
| 1900.00 | 20 | QPSK | 1 / 99 | 22.87 | -0.30 | 22.57 | 0.181 | 33.01 | -10.44 |
| 1860.00 | 20 | 16-QAM | 1 / 50 | 22.34 | -0.30 | 22.04 | 0.160 | 33.01 | -10.97 |
| 1860.00 | 20 | 64-QAM | 1 / 50 | 21.02 | -0.30 | 20.72 | 0.118 | 33.01 | -12.29 |

Table 7-74. EIRP Data (Band 2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 302 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1850.70 | 1.4 | QPSK | 1 / 5 | 22.70 | -0.30 | 22.40 | 0.174 | 33.01 | -10.61 |
| 1882.50 | 1.4 | QPSK | 1 / 0 | 22.73 | -0.30 | 22.43 | 0.175 | 33.01 | -10.58 |
| 1914.30 | 1.4 | QPSK | 1 / 5 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1914.30 | 1.4 | 16-QAM | 1 / 0 | 22.23 | -0.30 | 21.93 | 0.156 | 33.01 | -11.08 |
| 1914.30 | 1.4 | 64-QAM | 1 / 0 | 21.16 | -0.30 | 20.86 | 0.122 | 33.01 | -12.15 |
| 1851.50 | 3 | QPSK | 1 / 14 | 22.95 | -0.30 | 22.65 | 0.184 | 33.01 | -10.36 |
| 1882.50 | 3 | QPSK | 1 / 0 | 22.93 | -0.30 | 22.63 | 0.183 | 33.01 | -10.38 |
| 1913.50 | 3 | QPSK | 1 / 7 | 22.96 | -0.30 | 22.66 | 0.185 | 33.01 | -10.35 |
| 1913.50 | 3 | 16-QAM | 1 / 7 | 22.27 | -0.30 | 21.97 | 0.157 | 33.01 | -11.04 |
| 1913.50 | 3 | 64-QAM | 1 / 14 | 21.42 | -0.30 | 21.12 | 0.129 | 33.01 | -11.89 |
| 1852.50 | 5 | QPSK | 1 / 24 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1882.50 | 5 | QPSK | 1 / 0 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1912.50 | 5 | QPSK | 1 / 24 | 22.91 | -0.30 | 22.61 | 0.182 | 33.01 | -10.40 |
| 1852.50 | 5 | 16-QAM | 1 / 24 | 22.30 | -0.30 | 22.00 | 0.158 | 33.01 | -11.01 |
| 1852.50 | 5 | 64-QAM | 1 / 24 | 21.16 | -0.30 | 20.86 | 0.122 | 33.01 | -12.15 |
| 1855.00 | 10 | QPSK | 1 / 25 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1882.50 | 10 | QPSK | 1 / 0 | 22.82 | -0.30 | 22.52 | 0.179 | 33.01 | -10.49 |
| 1910.00 | 10 | QPSK | 1 / 49 | 22.89 | -0.30 | 22.59 | 0.182 | 33.01 | -10.42 |
| 1855.00 | 10 | 16-QAM | 1 / 25 | 22.21 | -0.30 | 21.91 | 0.155 | 33.01 | -11.10 |
| 1855.00 | 10 | 64-QAM | 1 / 49 | 21.29 | -0.30 | 20.99 | 0.126 | 33.01 | -12.02 |
| 1857.50 | 15 | QPSK | 1 / 36 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1882.50 | 15 | QPSK | 1 / 36 | 22.68 | -0.30 | 22.38 | 0.173 | 33.01 | -10.63 |
| 1907.50 | 15 | QPSK | 1 / 74 | 22.70 | -0.30 | 22.40 | 0.174 | 33.01 | -10.61 |
| 1857.50 | 15 | 16-QAM | 1 / 36 | 22.06 | -0.30 | 21.76 | 0.150 | 33.01 | -11.25 |
| 1857.50 | 15 | 64-QAM | 1 / 36 | 21.24 | -0.30 | 20.94 | 0.124 | 33.01 | -12.07 |
| 1860.00 | 20 | QPSK | 1 / 50 | 22.88 | -0.30 | 22.58 | 0.181 | 33.01 | -10.43 |
| 1882.50 | 20 | QPSK | 1 / 0 | 22.57 | -0.30 | 22.27 | 0.169 | 33.01 | -10.74 |
| 1905.00 | 20 | QPSK | 1 / 99 | 23.00 | -0.30 | 22.70 | 0.186 | 33.01 | -10.31 |
| 1905.00 | 20 | 16-QAM | 1 / 99 | 22.14 | -0.30 | 21.84 | 0.153 | 33.01 | -11.17 |
| 1905.00 | 20 | 64-QAM | 1 / 99 | 21.12 | -0.30 | 20.82 | 0.121 | 33.01 | -12.19 |

Table 7-75. EIRP Data (Band 25)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 303 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2307.50 | 5 | QPSK | 1 / 0 | 22.48 | 0.40 | 22.88 | 0.194 | 23.98 | -1.10 |
| 2312.50 | 5 | QPSK | 1 / 24 | 22.48 | 0.40 | 22.88 | 0.194 | 23.98 | -1.10 |
| 2307.50 | 5 | 16-QAM | 1 / 0 | 21.56 | 0.40 | 21.96 | 0.157 | 23.98 | -2.02 |
| 2307.50 | 5 | 64-QAM | 1 / 0 | 20.58 | 0.40 | 20.98 | 0.125 | 23.98 | -3.00 |
| 2310.00 | 10 | QPSK | 1 / 0 | 22.31 | 0.40 | 22.71 | 0.187 | 23.98 | -1.27 |
| 2310.00 | 10 | 16-QAM | 1 / 0 | 21.39 | 0.40 | 21.79 | 0.151 | 23.98 | -2.19 |
| 2310.00 | 10 | 64-QAM | 1 / 0 | 20.61 | 0.40 | 21.01 | 0.126 | 23.98 | -2.97 |

Table 7-76. EIRP Data (Band 30)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 304 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2502.50 | 5 | QPSK | 1 / 0 | 23.00 | 0.50 | 23.50 | 0.224 | 33.01 | -9.51 |
| 2535.00 | 5 | QPSK | 1 / 24 | 22.83 | 0.50 | 23.33 | 0.215 | 33.01 | -9.68 |
| 2567.50 | 5 | QPSK | 1 / 24 | 22.66 | 0.50 | 23.16 | 0.207 | 33.01 | -9.85 |
| 2502.50 | 5 | 16-QAM | 1 / 0 | 22.08 | 0.50 | 22.58 | 0.181 | 33.01 | -10.43 |
| 2502.50 | 5 | 64-QAM | 1 / 0 | 20.97 | 0.50 | 21.47 | 0.140 | 33.01 | -11.54 |
| 2505.00 | 10 | QPSK | 1 / 0 | 23.00 | 0.50 | 23.50 | 0.224 | 33.01 | -9.51 |
| 2535.00 | 10 | QPSK | 1 / 49 | 22.72 | 0.50 | 23.22 | 0.210 | 33.01 | -9.79 |
| 2565.00 | 10 | QPSK | 1 / 49 | 22.56 | 0.50 | 23.06 | 0.202 | 33.01 | -9.95 |
| 2505.00 | 10 | 16-QAM | 1 / 49 | 21.91 | 0.50 | 22.41 | 0.174 | 33.01 | -10.60 |
| 2505.00 | 10 | 64-QAM | 1 / 49 | 20.98 | 0.50 | 21.48 | 0.141 | 33.01 | -11.53 |
| 2507.50 | 15 | QPSK | 1 / 74 | 23.00 | 0.50 | 23.50 | 0.224 | 33.01 | -9.51 |
| 2535.00 | 15 | QPSK | 1 / 74 | 22.75 | 0.50 | 23.25 | 0.211 | 33.01 | -9.76 |
| 2562.50 | 15 | QPSK | 1 / 74 | 22.51 | 0.50 | 23.01 | 0.200 | 33.01 | -10.00 |
| 2507.50 | 15 | 16-QAM | 1 / 36 | 22.13 | 0.50 | 22.63 | 0.183 | 33.01 | -10.38 |
| 2507.50 | 15 | 64-QAM | 1 / 74 | 21.15 | 0.50 | 21.65 | 0.146 | 33.01 | -11.36 |
| 2510.00 | 20 | QPSK | 1 / 50 | 23.00 | 0.50 | 23.50 | 0.224 | 33.01 | -9.51 |
| 2535.00 | 20 | QPSK | 1 / 99 | 22.76 | 0.50 | 23.26 | 0.212 | 33.01 | -9.75 |
| 2560.00 | 20 | QPSK | 1 / 99 | 22.52 | 0.50 | 23.02 | 0.200 | 33.01 | -9.99 |
| 2510.00 | 20 | 16-QAM | 1 / 99 | 22.09 | 0.50 | 22.59 | 0.182 | 33.01 | -10.42 |
| 2510.00 | 20 | 64-QAM | 1 / 50 | 21.13 | 0.50 | 21.63 | 0.146 | 33.01 | -11.38 |

Table 7-77. EIRP Data (Band 7)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 305 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 0 | 23.47 | 0.50 | 23.97 | 0.249 | 33.01 | -9.04 |
| 2502.50 | 5 | QPSK | 1 / 0 | 23.48 | 0.50 | 23.98 | 0.250 | 33.01 | -9.03 |
| 2593.00 | 5 | QPSK | 1 / 24 | 25.40 | 0.50 | 25.90 | 0.389 | 33.01 | -7.11 |
| 2687.50 | 5 | QPSK | 1 / 0 | 25.28 | 0.50 | 25.78 | 0.378 | 33.01 | -7.23 |
| 2593.00 | 5 | 16-QAM | 1 / 24 | 24.94 | 0.50 | 25.44 | 0.350 | 33.01 | -7.57 |
| 2593.00 | 5 | 64-QAM | 1 / 12 | 23.91 | 0.50 | 24.41 | 0.276 | 33.01 | -8.60 |
| 2501.00 | 10 | QPSK | 1 / 0 | 23.50 | 0.50 | 24.00 | 0.251 | 33.01 | -9.01 |
| 2505.00 | 10 | QPSK | 1 / 0 | 23.47 | 0.50 | 23.97 | 0.249 | 33.01 | -9.04 |
| 2593.00 | 10 | QPSK | 1 / 49 | 25.45 | 0.50 | 25.95 | 0.394 | 33.01 | -7.06 |
| 2685.00 | 10 | QPSK | 1 / 49 | 25.37 | 0.50 | 25.87 | 0.386 | 33.01 | -7.14 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 24.78 | 0.50 | 25.28 | 0.337 | 33.01 | -7.73 |
| 2593.00 | 10 | 64-QAM | 1 / 49 | 23.83 | 0.50 | 24.33 | 0.271 | 33.01 | -8.68 |
| 2503.50 | 15 | QPSK | 1 / 0 | 23.48 | 0.50 | 23.98 | 0.250 | 33.01 | -9.03 |
| 2507.50 | 15 | QPSK | 1 / 0 | 23.43 | 0.50 | 23.93 | 0.247 | 33.01 | -9.08 |
| 2593.00 | 15 | QPSK | 1 / 0 | 25.49 | 0.50 | 25.99 | 0.397 | 33.01 | -7.02 |
| 2682.50 | 15 | QPSK | 1 / 74 | 25.31 | 0.50 | 25.81 | 0.381 | 33.01 | -7.20 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 24.60 | 0.50 | 25.10 | 0.324 | 33.01 | -7.91 |
| 2593.00 | 15 | 64-QAM | 1 / 74 | 23.76 | 0.50 | 24.26 | 0.267 | 33.01 | -8.75 |
| 2506.00 | 20 | QPSK | 1 / 99 | 23.42 | 0.50 | 23.92 | 0.247 | 33.01 | -9.09 |
| 2510.00 | 20 | QPSK | 1 / 0 | 23.44 | 0.50 | 23.94 | 0.248 | 33.01 | -9.07 |
| 2593.00 | 20 | QPSK | 1 / 0 | 25.49 | 0.50 | 25.99 | 0.397 | 33.01 | -7.02 |
| 2680.00 | 20 | QPSK | 1 / 99 | 25.34 | 0.50 | 25.84 | 0.384 | 33.01 | -7.17 |
| 2593.00 | 20 | 16-QAM | 1 / 50 | 24.89 | 0.50 | 25.39 | 0.346 | 33.01 | -7.62 |
| 2593.00 | 20 | 64-QAM | 1 / 99 | 24.13 | 0.50 | 24.63 | 0.290 | 33.01 | -8.38 |

Table 7-78. EIRP Data (Band 41 PC2)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 306 of 421 |

| Frequency [MHz] | Channel Bandwidth [MHz] | Mod. | RB Size/Offset | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-------------------------|--------|----------------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 2498.50 | 5 | QPSK | 1 / 0 | 22.50 | 0.50 | 23.00 | 0.200 | 33.01 | -10.01 |
| 2593.00 | 5 | QPSK | 1 / 24 | 22.45 | 0.50 | 22.95 | 0.197 | 33.01 | -10.06 |
| 2687.50 | 5 | QPSK | 1 / 0 | 22.33 | 0.50 | 22.83 | 0.192 | 33.01 | -10.18 |
| 2593.00 | 5 | 16-QAM | 1 / 24 | 21.99 | 0.50 | 22.49 | 0.177 | 33.01 | -10.52 |
| 2593.00 | 5 | 64-QAM | 1 / 12 | 20.96 | 0.50 | 21.46 | 0.140 | 33.01 | -11.55 |
| 2501.00 | 10 | QPSK | 1 / 0 | 22.50 | 0.50 | 23.00 | 0.200 | 33.01 | -10.01 |
| 2593.00 | 10 | QPSK | 1 / 49 | 22.50 | 0.50 | 23.00 | 0.200 | 33.01 | -10.01 |
| 2685.00 | 10 | QPSK | 1 / 49 | 22.42 | 0.50 | 22.92 | 0.196 | 33.01 | -10.09 |
| 2593.00 | 10 | 16-QAM | 1 / 0 | 21.83 | 0.50 | 22.33 | 0.171 | 33.01 | -10.68 |
| 2593.00 | 10 | 64-QAM | 1 / 49 | 20.88 | 0.50 | 21.38 | 0.137 | 33.01 | -11.63 |
| 2503.50 | 15 | QPSK | 1 / 0 | 22.50 | 0.50 | 23.00 | 0.200 | 33.01 | -10.01 |
| 2593.00 | 15 | QPSK | 1 / 36 | 22.50 | 0.50 | 23.00 | 0.200 | 33.01 | -10.01 |
| 2682.50 | 15 | QPSK | 1 / 74 | 22.36 | 0.50 | 22.86 | 0.193 | 33.01 | -10.15 |
| 2593.00 | 15 | 16-QAM | 1 / 0 | 21.65 | 0.50 | 22.15 | 0.164 | 33.01 | -10.86 |
| 2593.00 | 15 | 64-QAM | 1 / 74 | 20.81 | 0.50 | 21.31 | 0.135 | 33.01 | -11.70 |
| 2506.00 | 20 | QPSK | 1 / 99 | 22.45 | 0.50 | 22.95 | 0.197 | 33.01 | -10.06 |
| 2593.00 | 20 | QPSK | 1 / 0 | 22.50 | 0.50 | 23.00 | 0.200 | 33.01 | -10.01 |
| 2680.00 | 20 | QPSK | 1 / 99 | 22.39 | 0.50 | 22.89 | 0.195 | 33.01 | -10.12 |
| 2593.00 | 20 | 16-QAM | 1 / 50 | 21.94 | 0.50 | 22.44 | 0.175 | 33.01 | -10.57 |
| 2593.00 | 20 | 64-QAM | 1 / 99 | 21.18 | 0.50 | 21.68 | 0.147 | 33.01 | -11.33 |

Table 7-79. EIRP Data (Band 41 PC3)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 307 of 421 |

7.9 Radiated Spurious Emissions Measurements

Test Overview

Radiated spurious emissions measurements are performed using the substitution method described in ANSI/TIA-603-E-2016 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using vertically and horizontally polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

ANSI/TIA-603-E-2016 – Section 2.2.12

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 308 of 421 |

Test Setup

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

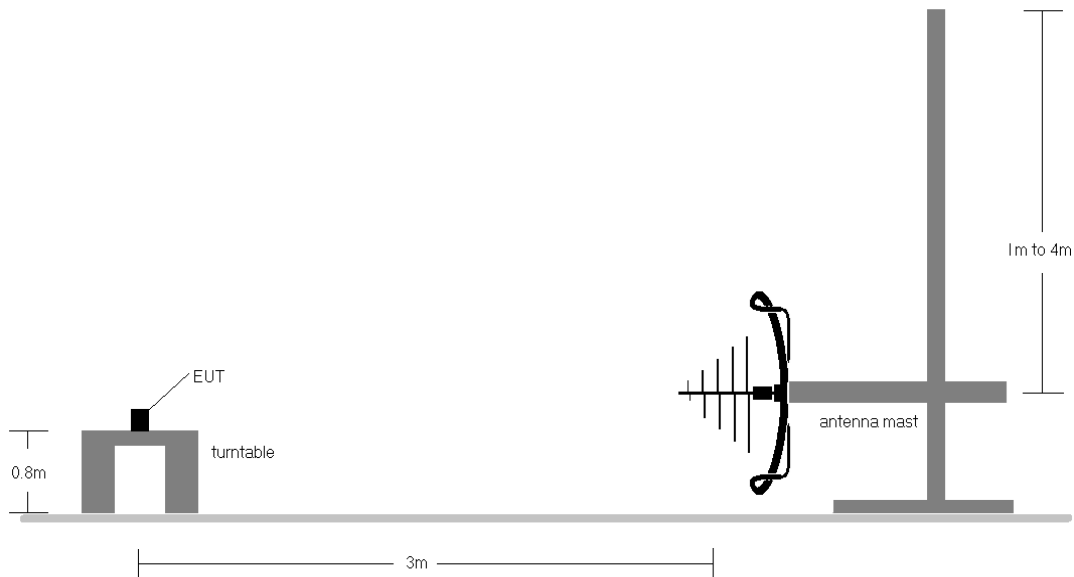


Figure 7-8. Test Instrument & Measurement Setup < 1GHz

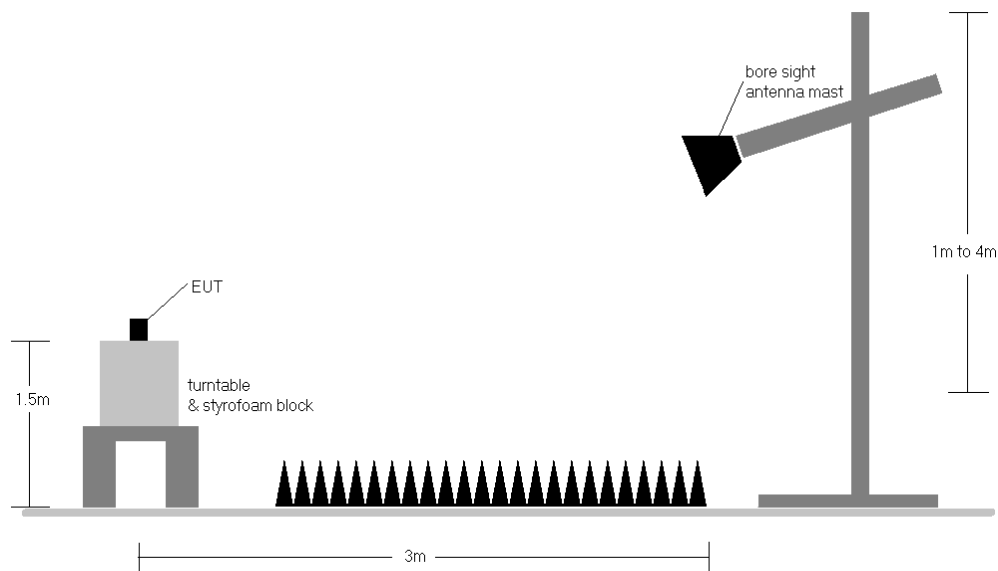


Figure 7-9. Test Instrument & Measurement Setup > 1GHz

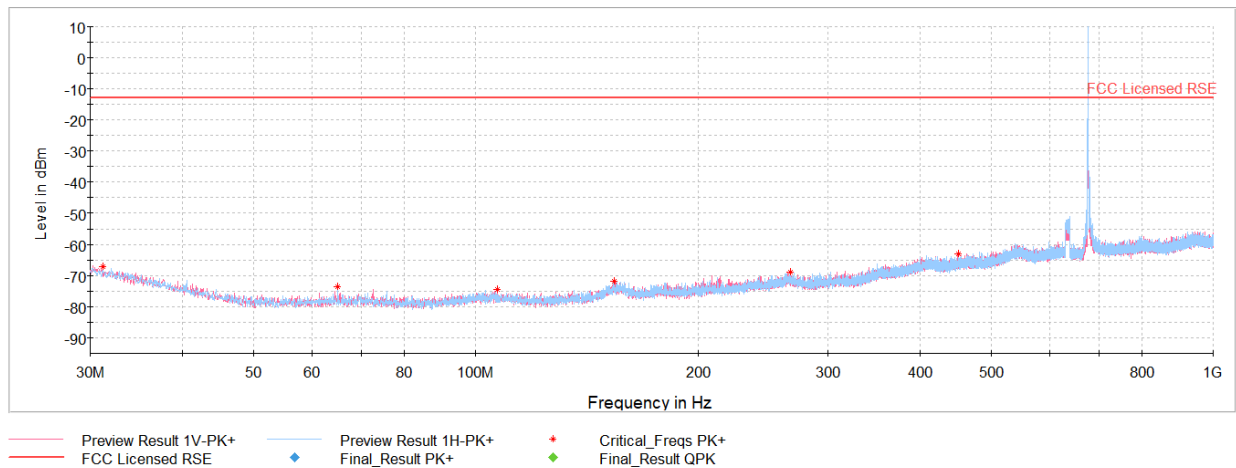
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 309 of 421 |

Test Notes

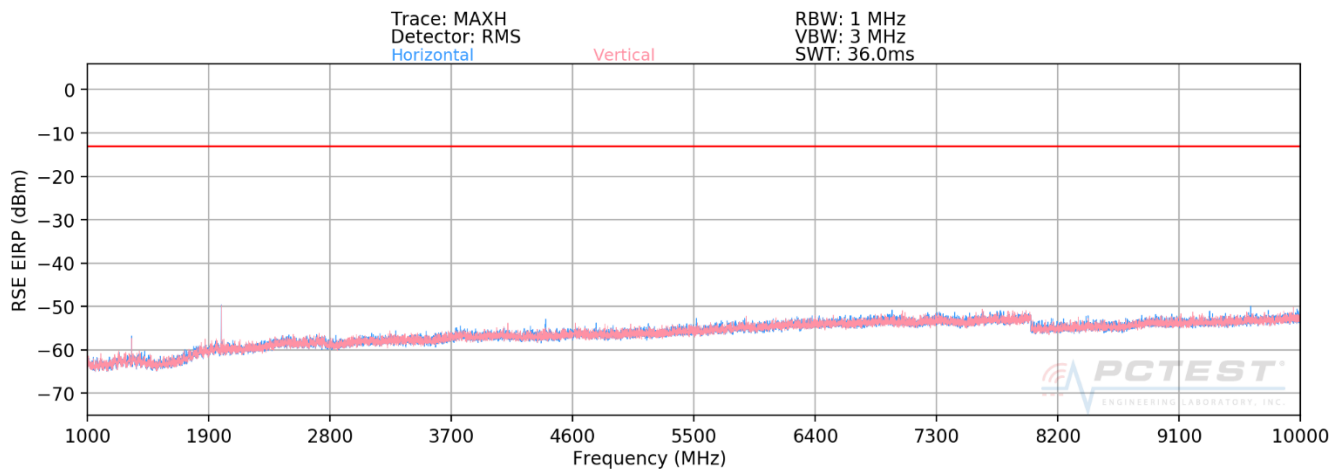
- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.
- 3) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 4) Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 5) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 6) Below 1GHz pre-scan plot shows no significant emissions.

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 310 of 421 |

7.9.1 ANT 3 (Port-A) Radiated Spurious Emissions Measurements Band 71



Plot 7-448. Radiated Spurious Plot below 1GHz (Band 71)



Plot 7-449. Radiated Spurious Plot above 1GHz (Band 71)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 311 of 421 |

OPERATING FREQUENCY: 673.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1346.00 | H | 240 | 174 | -67.69 | 3.46 | -64.22 | -51.2 |
| 2019.00 | H | 161 | 104 | -66.79 | 4.27 | -62.52 | -49.5 |
| 2692.00 | V | - | - | -70.21 | 6.52 | -63.68 | -50.7 |
| 3365.00 | V | - | - | -71.43 | 8.00 | -63.43 | -50.4 |
| 4038.00 | V | - | - | -71.16 | 9.10 | -62.06 | -49.1 |

Table 7-80. Radiated Spurious Data (Band 71 – Low Channel)

OPERATING FREQUENCY: 680.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1361.00 | H | 121 | 100 | -68.44 | 3.40 | -65.04 | -52.0 |
| 2041.50 | V | 217 | 227 | -66.37 | 4.53 | -61.84 | -48.8 |
| 2722.00 | V | - | - | -70.15 | 6.61 | -63.54 | -50.5 |
| 3402.50 | V | - | - | -71.67 | 8.11 | -63.56 | -50.6 |
| 4083.00 | V | - | - | -71.39 | 8.98 | -62.41 | -49.4 |

Table 7-81. Radiated Spurious Data (Band 71 – Mid Channel)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 312 of 421 |

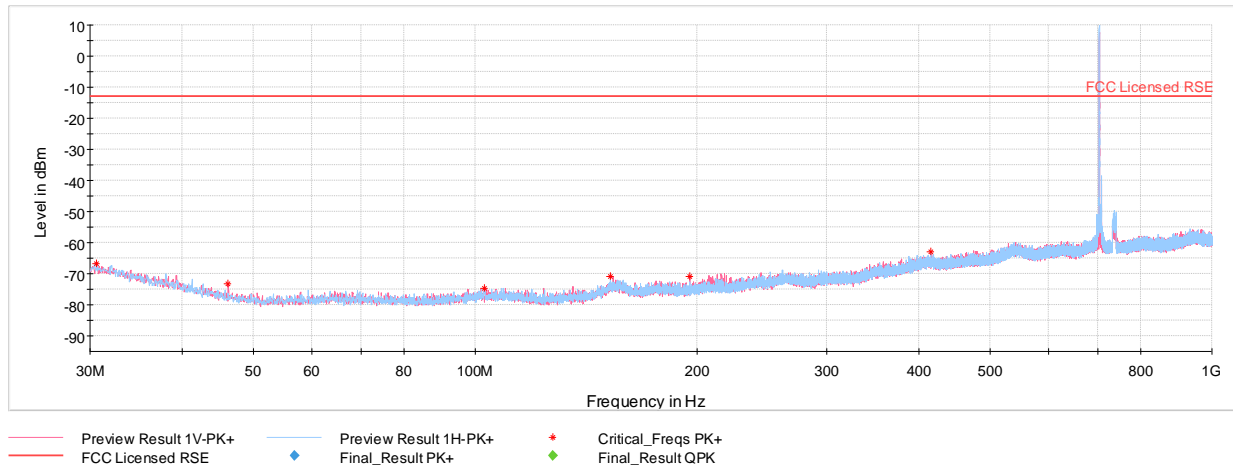
OPERATING FREQUENCY: 688.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1376.00 | V | - | - | -71.04 | 3.71 | -67.33 | -54.3 |
| 2064.00 | V | 185 | 244 | -67.61 | 4.58 | -63.03 | -50.0 |
| 2752.00 | V | - | - | -70.42 | 6.67 | -63.74 | -50.7 |
| 3440.00 | V | - | - | -71.45 | 8.12 | -63.33 | -50.3 |
| 4128.00 | V | - | - | -71.39 | 8.98 | -62.40 | -49.4 |

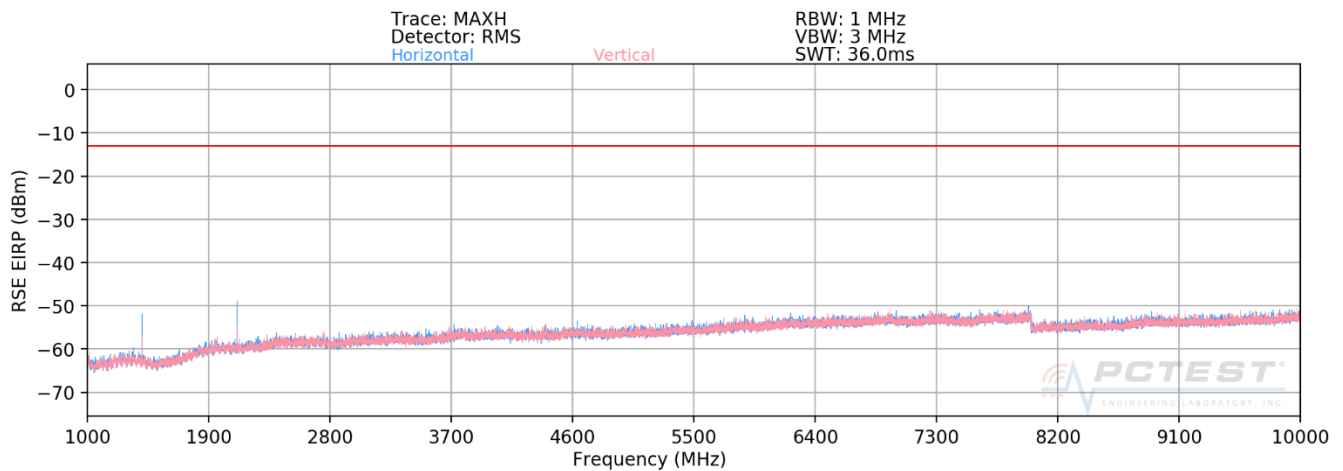
Table 7-82. Radiated Spurious Data (Band 71 – High Channel)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 313 of 421 |

Band 12/17



Plot 7-450. Radiated Spurious Plot below 1GHz (Band 12/17)



Plot 7-451. Radiated Spurious Plot above 1GHz (Band 12/17)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 314 of 421 |

OPERATING FREQUENCY: 704.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1408.00 | H | 199 | 174 | -68.43 | 4.35 | -64.08 | -51.1 |
| 2112.00 | V | - | - | -69.84 | 5.05 | -64.78 | -51.8 |
| 2816.00 | V | - | - | -71.32 | 6.90 | -64.43 | -51.4 |
| 3520.00 | V | - | - | -71.40 | 8.03 | -63.36 | -50.4 |

Table 7-83. Radiated Spurious Data (Band 12 – Low Channel)

OPERATING FREQUENCY: 707.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1415.00 | H | 206 | 178 | -65.23 | 4.42 | -60.81 | -47.8 |
| 2122.50 | H | 144 | 139 | -65.54 | 5.22 | -60.32 | -47.3 |
| 2830.00 | H | - | - | -71.73 | 7.01 | -64.72 | -51.7 |
| 3537.50 | H | - | - | -71.02 | 8.00 | -63.02 | -50.0 |
| 4245.00 | H | - | - | -71.40 | 9.21 | -62.19 | -49.2 |

Table 7-84. Radiated Spurious Data (Band 12 – Mid Channel)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 315 of 421 |

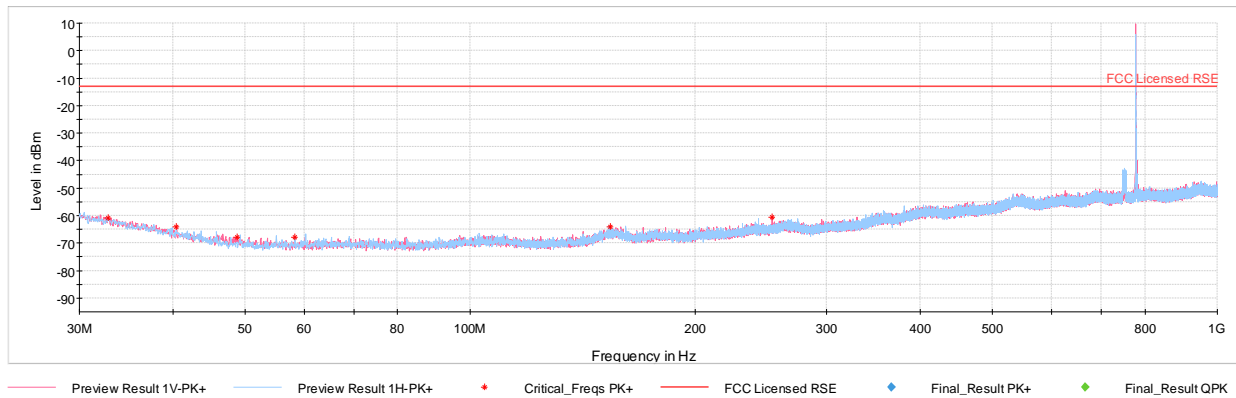
OPERATING FREQUENCY: 711.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1422.00 | H | 210 | 173 | -67.28 | 4.50 | -62.78 | -49.8 |
| 2133.00 | H | 104 | 193 | -62.56 | 5.34 | -57.22 | -44.2 |
| 2844.00 | V | - | - | -71.60 | 7.06 | -64.54 | -51.5 |
| 3555.00 | V | - | - | -70.90 | 7.98 | -62.92 | -49.9 |
| 4266.00 | V | - | - | -71.45 | 9.23 | -62.22 | -49.2 |

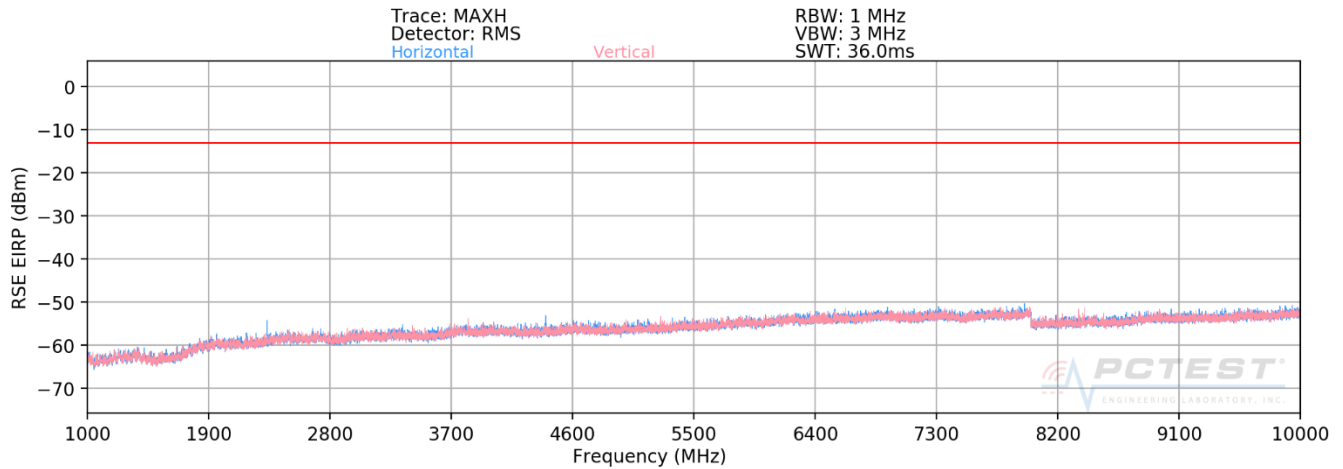
Table 7-85. Radiated Spurious Data (Band 12/17 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 316 of 421 |

Band 13



Plot 7-452. Radiated Spurious Plot below 1GHz (Band 13)



Plot 7-453. Radiated Spurious Plot above 1GHz (Band 13)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 317 of 421 |

OPERATING FREQUENCY: 779.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 2338.50 | V | - | - | -70.55 | 6.21 | -64.35 | -51.3 |
| 3118.00 | V | - | - | -71.16 | 7.46 | -63.71 | -50.7 |
| 3897.50 | V | - | - | -71.42 | 8.89 | -62.53 | -49.5 |

Table 7-86. Radiated Spurious Data (Band 13 – Low Channel)

OPERATING FREQUENCY: 782.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 2346.00 | V | 205 | 94 | -64.77 | 6.22 | -58.54 | -45.5 |
| 3128.00 | V | - | - | -71.16 | 7.50 | -63.66 | -50.7 |
| 3910.00 | V | - | - | -71.05 | 8.92 | -62.13 | -49.1 |
| 4692.00 | V | - | - | -71.81 | 9.87 | -61.94 | -48.9 |

Table 7-87. Radiated Spurious Data (Band 13 – Mid Channel)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 318 of 421 |

OPERATING FREQUENCY: 784.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 2353.50 | V | - | - | -69.52 | 6.22 | -63.31 | -50.3 |
| 3138.00 | V | - | - | -71.21 | 7.54 | -63.67 | -50.7 |
| 3922.50 | V | - | - | -71.44 | 8.95 | -62.49 | -49.5 |

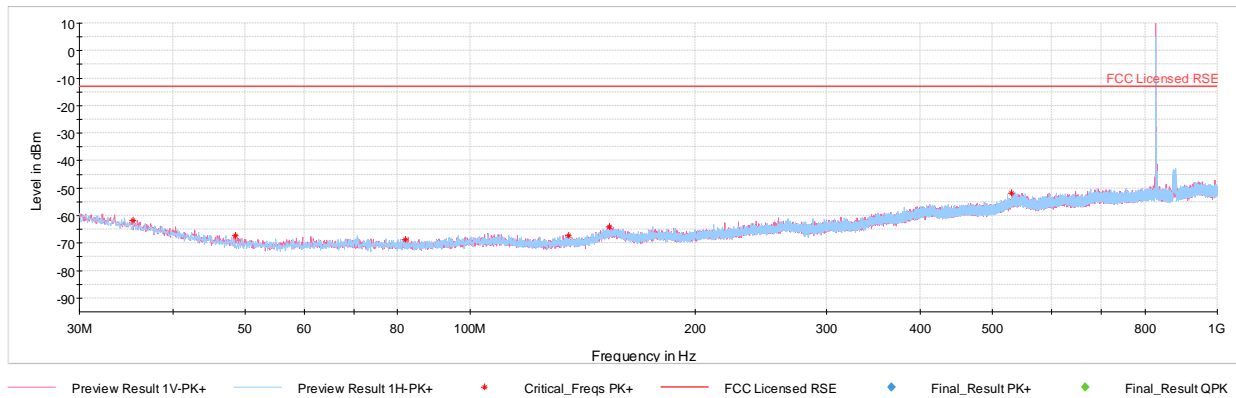
Table 7-88. Radiated Spurious Data (Band 13 – High Channel)

MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.00 MHz
 DISTANCE: 3 meters
 NARROWBAND EMISSION LIMIT: -50 dBm
 WIDEBAND EMISSION LIMIT: -40 dBm/MHz

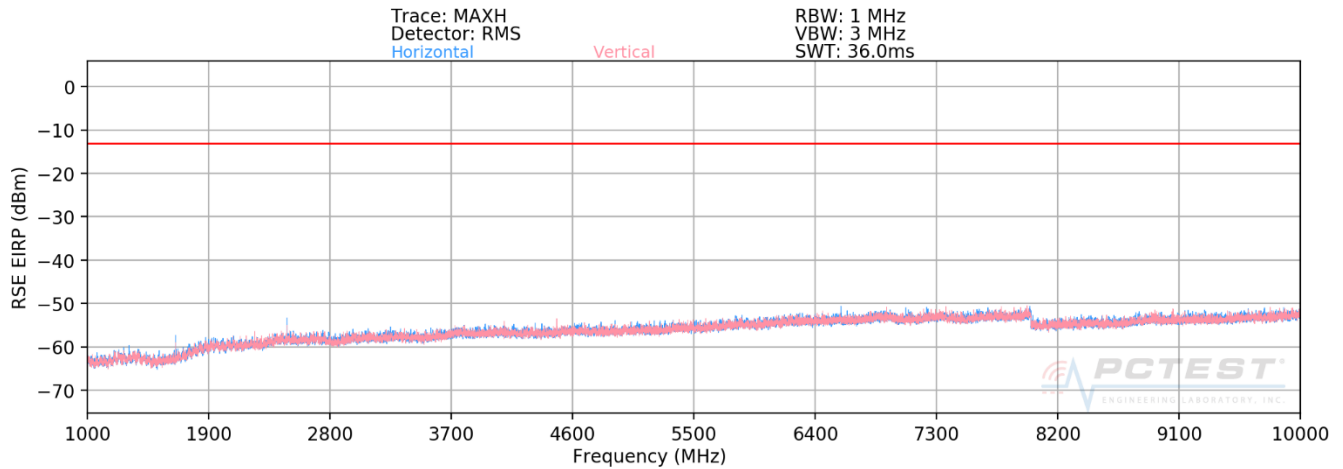
| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1559.00 | H | 145 | 178 | -72.37 | 5.80 | -66.57 | -26.6 |
| 1564.00 | V | 158 | 177 | -72.34 | 5.82 | -66.53 | -26.5 |
| 1569.00 | H | 247 | 178 | -71.25 | 5.82 | -65.43 | -25.4 |

Table 7-89. Radiated Spurious Data (Band 13 – 1559-1610MHz Band)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 319 of 421 |



Plot 7-454. Radiated Spurious Plot below 1GHz (Band 26/5)



Plot 7-455. Radiated Spurious Plot above 1GHz (Band 26/5)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 320 of 421 |

OPERATING FREQUENCY: 829.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1658.00 | V | 150 | 118 | -70.01 | 5.55 | -64.46 | -51.5 |
| 2487.00 | V | 112 | 115 | -68.91 | 5.92 | -62.99 | -50.0 |
| 3316.00 | V | - | - | -70.66 | 7.89 | -62.76 | -49.8 |
| 4145.00 | V | - | - | -71.38 | 9.06 | -62.32 | -49.3 |
| 4974.00 | V | - | - | -71.32 | 9.99 | -61.33 | -48.3 |

Table 7-90. Radiated Spurious Data (Band 26/5 – Low Channel)

OPERATING FREQUENCY: 836.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1673.00 | V | 153 | 124 | -69.54 | 5.60 | -63.94 | -50.9 |
| 2509.50 | V | 176 | 128 | -67.71 | 5.91 | -61.81 | -48.8 |
| 3346.00 | V | - | - | -70.69 | 7.94 | -62.75 | -49.8 |
| 4182.50 | V | - | - | -70.82 | 9.12 | -61.70 | -48.7 |
| 5019.00 | V | - | - | -71.20 | 10.00 | -61.20 | -48.2 |

Table 7-91. Radiated Spurious Data (Band 26/5 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 321 of 421 |

OPERATING FREQUENCY: 844.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

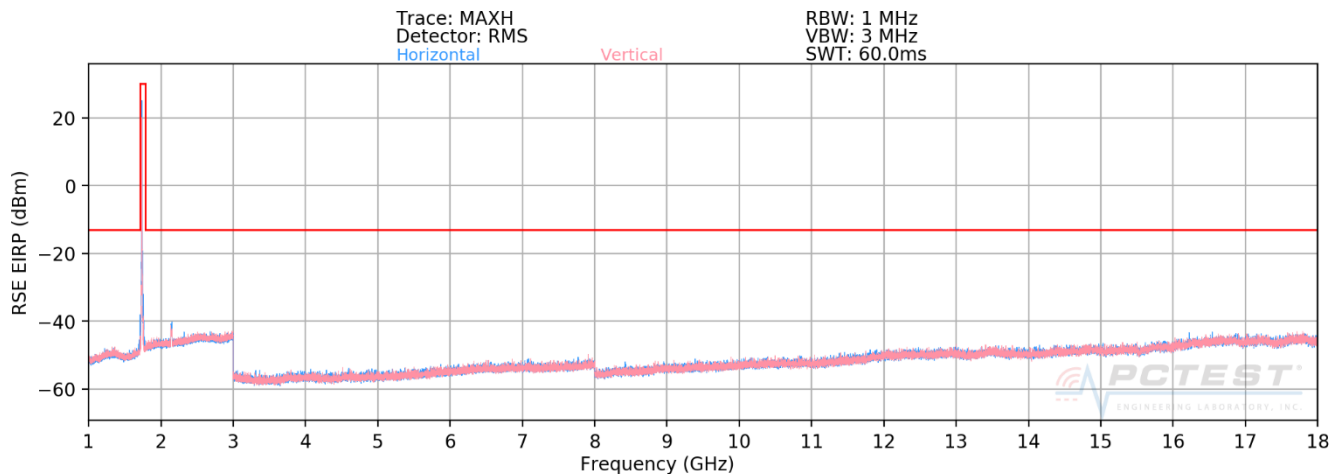
| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1688.00 | V | 129 | 129 | -71.12 | 5.61 | -65.51 | -52.5 |
| 2532.00 | V | 119 | 194 | -69.71 | 5.93 | -63.79 | -50.8 |
| 3376.00 | V | - | - | -71.17 | 8.01 | -63.16 | -50.2 |
| 4220.00 | V | - | - | -71.61 | 9.18 | -62.43 | -49.4 |
| 5064.00 | V | - | - | -71.38 | 10.05 | -61.33 | -48.3 |

Table 7-92. Radiated Spurious Data (Band 26/5 – High Channel)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 322 of 421 |

7.9.2 ANT 4b (Port-A) Radiated Spurious Emissions Measurements

Band 66/4



Plot 7-456. Radiated Spurious Plot above 1GHz (Band 66/4)

OPERATING FREQUENCY: 1720.00 MHz

MODULATION SIGNAL: QPSK

BANDWIDTH: 20.0 MHz

DISTANCE: 3 meters

LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3440.00 | V | - | - | -70.39 | 8.12 | -62.27 | -49.3 |
| 5160.00 | V | - | - | -71.61 | 10.14 | -61.47 | -48.5 |
| 6880.00 | V | - | - | -70.89 | 11.38 | -59.51 | -46.5 |

Table 7-93. Radiated Spurious Data (Band 66 – Low Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 323 of 421 |

OPERATING FREQUENCY: 1745.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3490.00 | V | - | - | -70.63 | 8.09 | -62.54 | -49.5 |
| 5235.00 | V | - | - | -71.65 | 10.26 | -61.39 | -48.4 |
| 6980.00 | V | - | - | -70.83 | 11.47 | -59.37 | -46.4 |

Table 7-94. Radiated Spurious Data (Band 66 – Mid Channel)

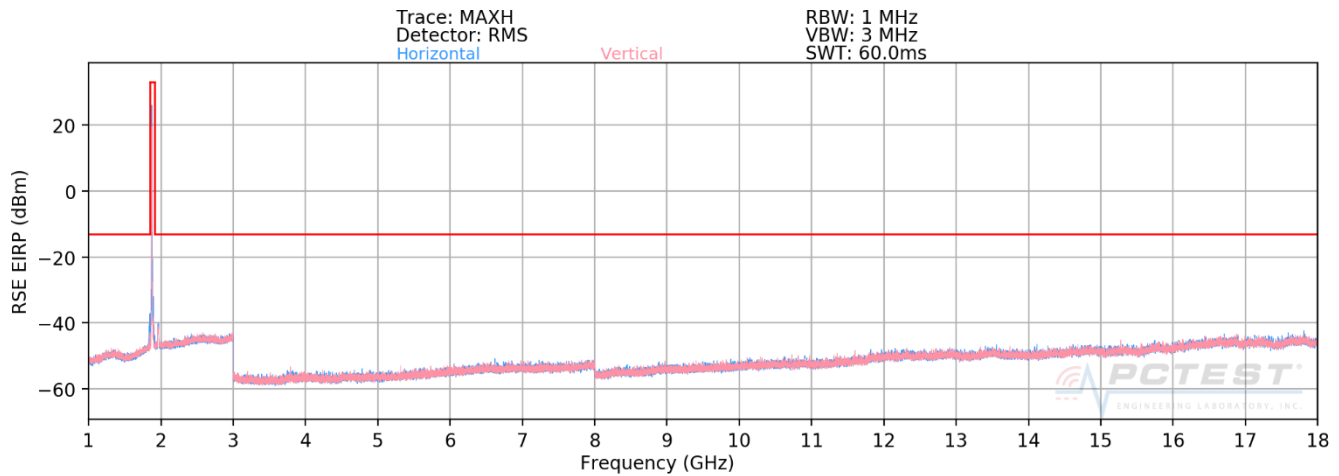
OPERATING FREQUENCY: 1770.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3540.00 | V | - | - | -70.33 | 7.99 | -62.34 | -49.3 |
| 5310.00 | V | - | - | -71.71 | 10.28 | -61.43 | -48.4 |
| 7080.00 | V | - | - | -71.10 | 11.58 | -59.53 | -46.5 |

Table 7-95. Radiated Spurious Data (Band 66/4 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 324 of 421 |

Band 25/2



Plot 7-457. Radiated Spurious Plot above 1GHz (Band 25/2)

OPERATING FREQUENCY: 1860.00 MHz

MODULATION SIGNAL: QPSK

BANDWIDTH: 20.0 MHz

DISTANCE: 3 meters

LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3720.00 | V | - | - | -70.37 | 8.43 | -61.94 | -48.9 |
| 5580.00 | V | - | - | -71.70 | 10.72 | -60.98 | -48.0 |
| 7440.00 | V | - | - | -71.39 | 11.90 | -59.49 | -46.5 |

Table 7-96. Radiated Spurious Data (Band 25 – Low Channel)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 325 of 421 |

OPERATING FREQUENCY: 1882.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3765.00 | H | - | - | -70.24 | 8.48 | -61.76 | -48.8 |
| 5647.50 | H | - | - | -71.33 | 10.69 | -60.64 | -47.6 |
| 7530.00 | H | - | - | -71.34 | 11.99 | -59.36 | -46.4 |

Table 7-97. Radiated Spurious Data (Band 25 – Mid Channel)

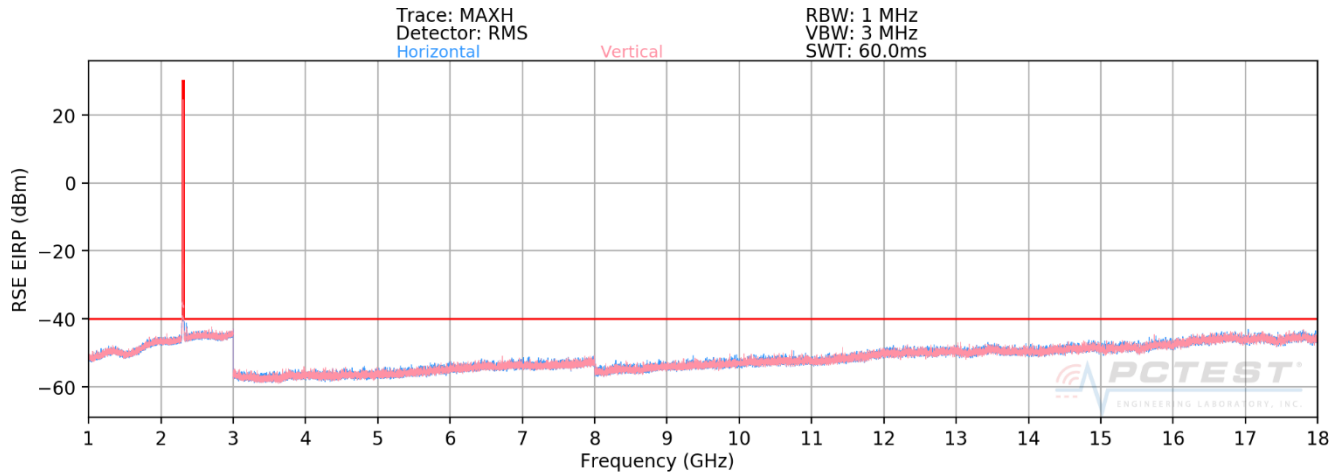
OPERATING FREQUENCY: 1905.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3810.00 | H | - | - | -69.96 | 8.59 | -61.36 | -48.4 |
| 5715.00 | H | - | - | -71.51 | 10.66 | -60.85 | -47.8 |
| 7620.00 | H | - | - | -71.38 | 12.16 | -59.22 | -46.2 |

Table 7-98. Radiated Spurious Data (Band 25/2 – High Channel)

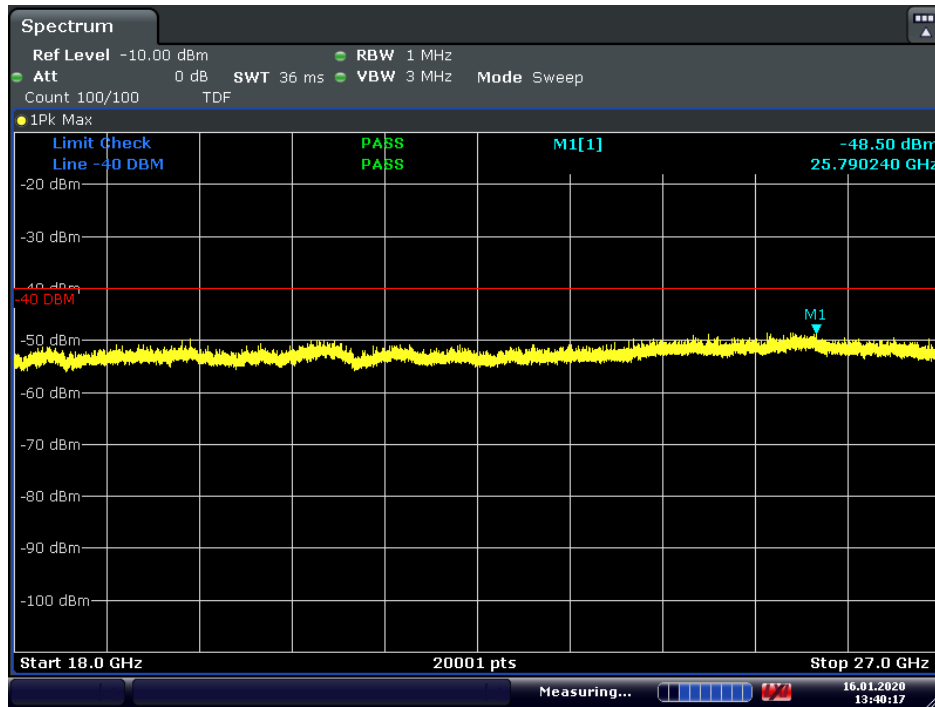
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 326 of 421 |

Band 30



Plot 7-458. Radiated Spurious Plot 1GHz - 18GHz (Band 30)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 327 of 421 |



Plot 7-459. Radiated Spurious Plot 18GHz – 27GHz H (Band 30)



Plot 7-460. Radiated Spurious Plot 18GHz – 27GHz V (Band 30)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 328 of 421 |

OPERATING FREQUENCY: 2307.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4615.00 | V | - | - | -71.61 | 9.49 | -62.12 | -22.1 |
| 6922.50 | V | - | - | -69.82 | 11.40 | -58.41 | -18.4 |
| 9230.00 | V | - | - | -70.63 | 13.29 | -57.34 | -17.3 |

Table 7-99. Radiated Spurious Data (Band 30 – Low Channel)

OPERATING FREQUENCY: 2310.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4620.00 | V | 131 | 199 | -71.28 | 9.51 | -61.76 | -21.8 |
| 6930.00 | V | 114 | 186 | -69.37 | 11.41 | -57.96 | -18.0 |
| 9240.00 | V | - | - | -71.16 | 13.30 | -57.86 | -17.9 |
| 11550.00 | V | - | - | -67.33 | 13.25 | -54.08 | -14.1 |
| 13860.00 | V | - | - | -67.30 | 14.42 | -52.88 | -12.9 |

Table 7-100. Radiated Spurious Data (Band 30 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 329 of 421 |

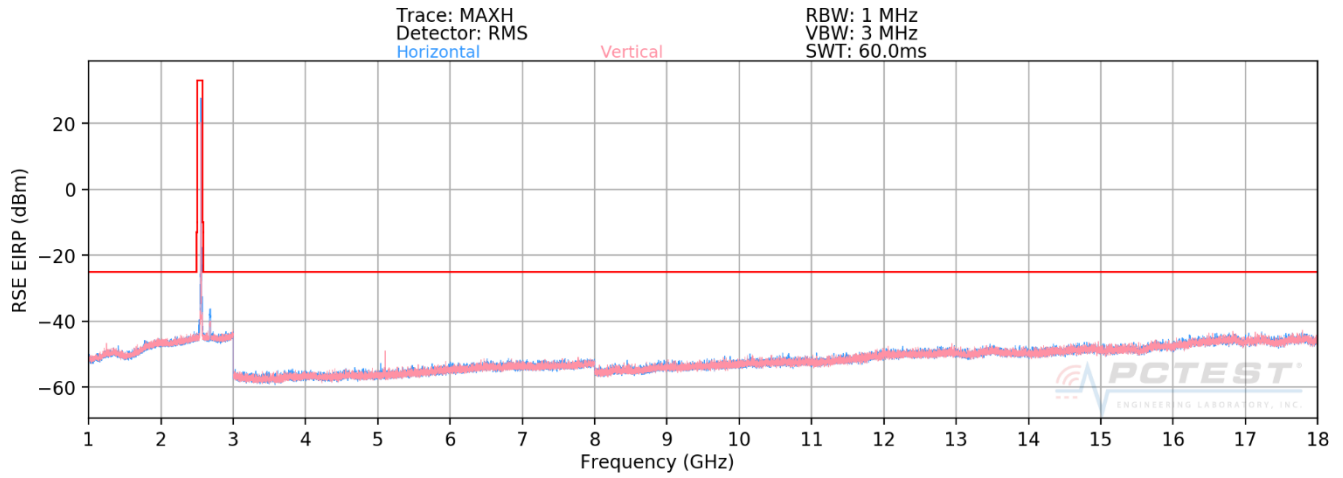
OPERATING FREQUENCY: 2312.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4625.00 | V | 211 | 74 | -71.53 | 9.54 | -61.99 | -22.0 |
| 6937.50 | V | - | - | -70.01 | 11.41 | -58.59 | -18.6 |
| 9250.00 | V | - | - | -71.14 | 13.31 | -57.84 | -17.8 |
| 11562.50 | V | - | - | -67.17 | 13.24 | -53.92 | -13.9 |

Table 7-101. Radiated Spurious Data (Band 30 – High Channel)

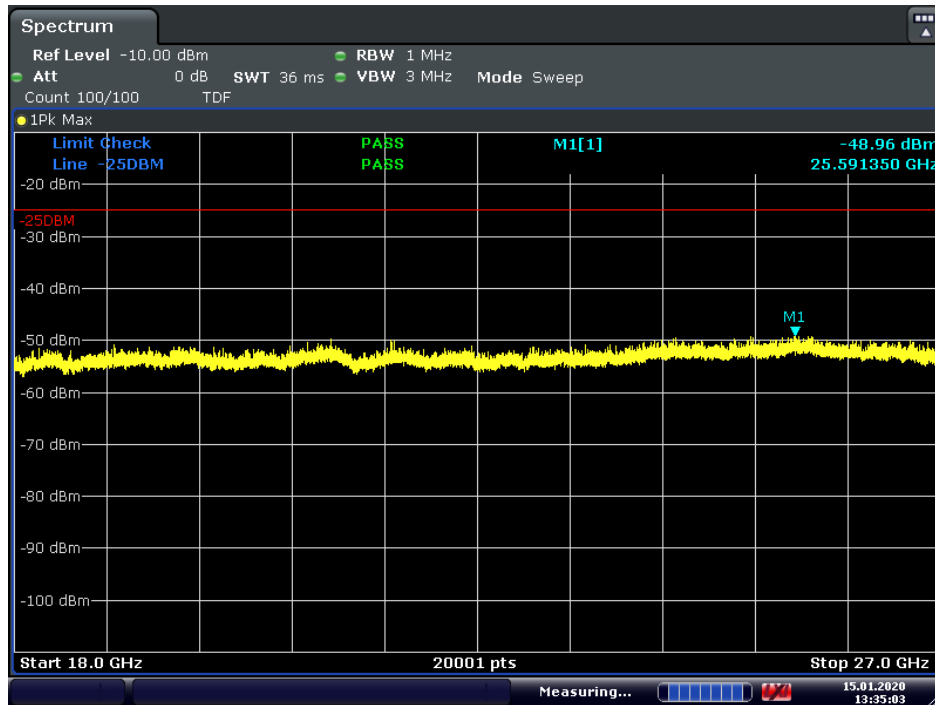
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 330 of 421 |

Band 7

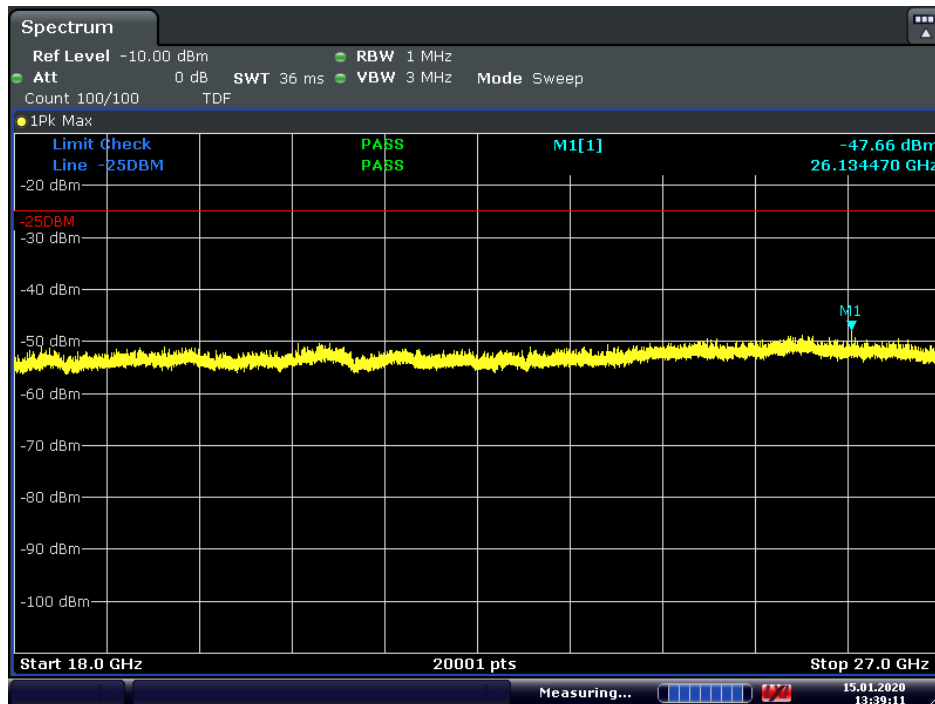


Plot 7-461. Radiated Spurious Plot 1GHz - 18GHz (Band 7)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 331 of 421 |



Plot 7-462. Radiated Spurious Plot 18GHz – 27GHz H (Band 7)



Plot 7-463. Radiated Spurious Plot 18GHz – 27GHz V (Band 7)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 332 of 421 |

OPERATING FREQUENCY: 2510.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | V | 284 | 129 | -68.87 | 10.00 | -58.87 | -33.9 |
| 7530.00 | V | - | - | -71.13 | 11.99 | -59.15 | -34.1 |
| 10040.00 | V | - | - | -71.21 | 13.11 | -58.09 | -33.1 |
| 12550.00 | V | - | - | -68.19 | 13.13 | -55.06 | -30.1 |

Table 7-102. Radiated Spurious Data (Band 7 – Low Channel)

OPERATING FREQUENCY: 2535.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | V | 298 | 132 | -65.86 | 10.07 | -55.79 | -30.8 |
| 7605.00 | V | - | - | -71.58 | 12.15 | -59.43 | -34.4 |
| 10140.00 | V | - | - | -70.70 | 13.10 | -57.60 | -32.6 |
| 12675.00 | V | - | - | -68.21 | 13.15 | -55.06 | -30.1 |

Table 7-103. Radiated Spurious Data (Band 7 – Mid Channel)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 333 of 421 |

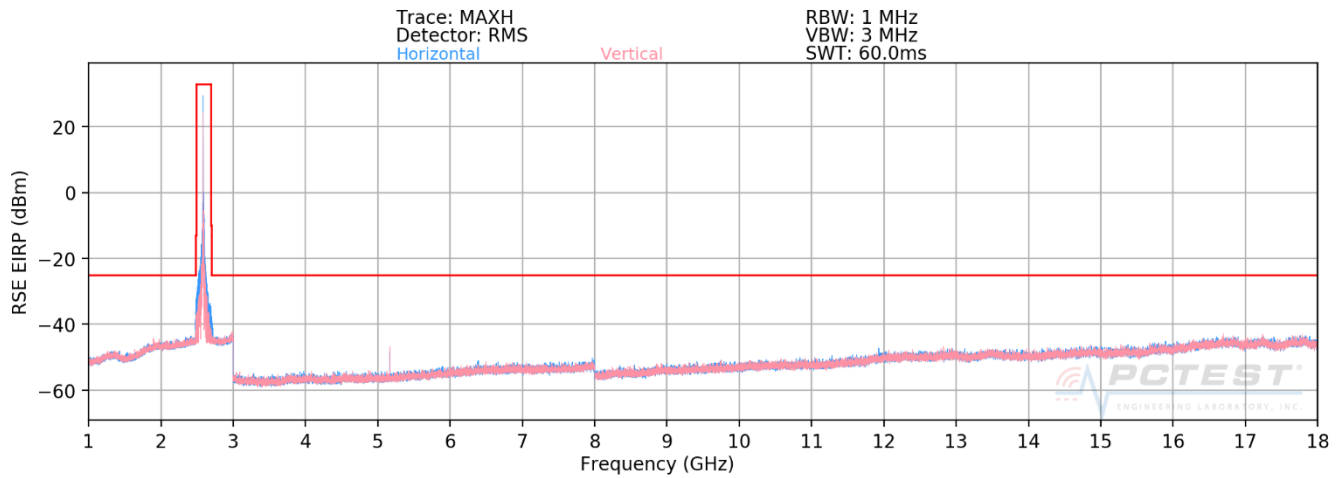
OPERATING FREQUENCY: 2560.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | V | 307 | 131 | -64.90 | 10.10 | -54.80 | -29.8 |
| 7680.00 | V | - | - | -71.38 | 12.15 | -59.23 | -34.2 |
| 10240.00 | V | - | - | -70.95 | 13.10 | -57.84 | -32.8 |
| 12800.00 | V | - | - | -68.48 | 13.17 | -55.31 | -30.3 |

Table 7-104. Radiated Spurious Data (Band 7 – High Channel)

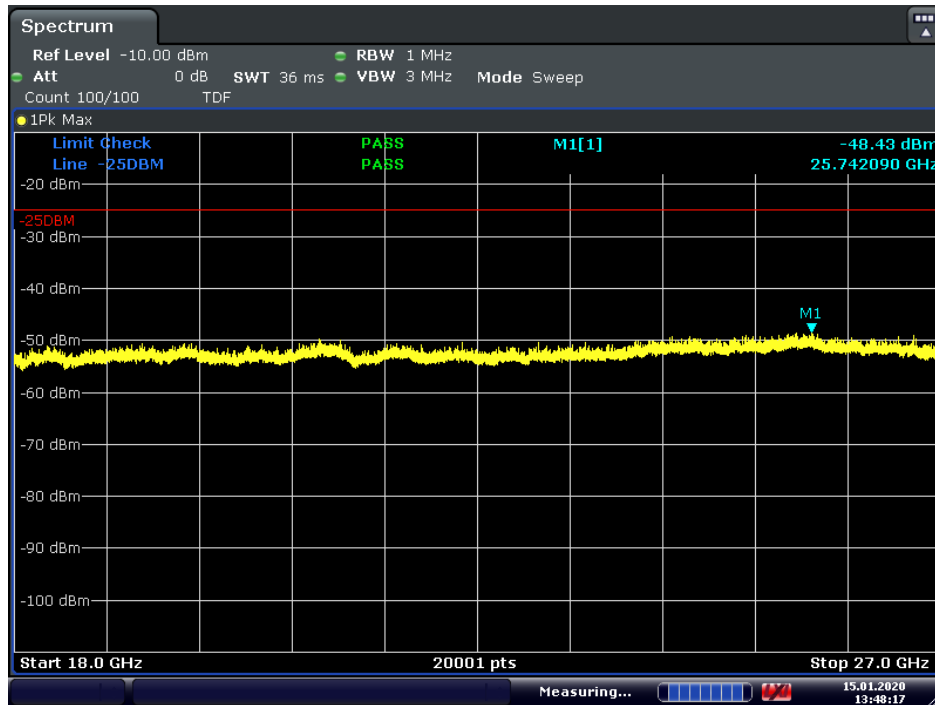
| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 334 of 421 |

Band 41

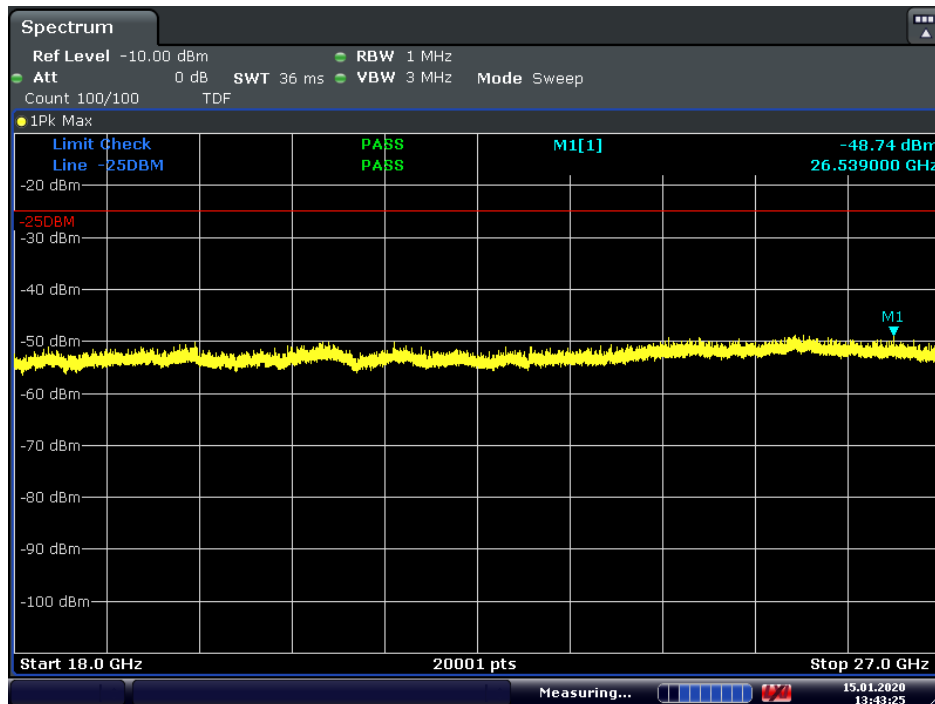


Plot 7-464. Radiated Spurious Plot 1GHz - 18GHz (Band 41)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 335 of 421 |



Plot 7-465. Radiated Spurious Plot 18GHz – 27GHz H (Band 41)



Plot 7-466. Radiated Spurious Plot 18GHz – 27GHz V (Band 41)

| | | | |
|---|--|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 336 of 421 |

OPERATING FREQUENCY: 2506.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | V | 270 | 128 | -57.52 | 9.99 | -47.53 | -22.5 |
| 7518.00 | V | - | - | -62.28 | 11.99 | -50.30 | -25.3 |
| 10024.00 | V | - | - | -62.17 | 13.11 | -49.06 | -24.1 |
| 12530.00 | V | - | - | -59.81 | 13.15 | -46.66 | -21.7 |

Table 7-105. Radiated Spurious Data (Band 41 – Low Channel)

OPERATING FREQUENCY: 2593.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | V | 287 | 138 | -48.69 | 10.20 | -38.48 | -13.5 |
| 7779.00 | V | 109 | 123 | -61.30 | 12.20 | -49.10 | -24.1 |
| 10372.00 | V | - | - | -63.15 | 13.07 | -50.08 | -25.1 |
| 12965.00 | V | - | - | -59.82 | 13.25 | -46.57 | -21.6 |
| 15558.00 | V | - | - | -59.28 | 14.01 | -45.27 | -20.3 |

Table 7-106. Radiated Spurious Data (Band 41 – Mid Channel)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 337 of 421 |



OPERATING FREQUENCY: 2680.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | V | 326 | 216 | -53.70 | 10.37 | -43.33 | -18.3 |
| 8040.00 | V | - | - | -64.45 | 12.53 | -51.91 | -26.9 |
| 10720.00 | V | - | - | -63.22 | 13.07 | -50.15 | -25.1 |
| 13400.00 | V | - | - | -60.50 | 13.78 | -46.72 | -21.7 |

Table 7-107. Radiated Spurious Data (Band 41 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 338 of 421 |

7.9.3 ANT 1 (Port-B) Radiated Spurious Emissions Measurements Band 71

OPERATING FREQUENCY: 673.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1346.00 | V | - | - | -70.80 | 3.46 | -67.33 | -54.3 |
| 2019.00 | V | - | - | -69.32 | 4.27 | -65.05 | -52.1 |
| 2692.00 | V | - | - | -70.39 | 6.52 | -63.86 | -50.9 |

Table 7-108. Radiated Spurious Data (Band 71 – Low Channel)

OPERATING FREQUENCY: 680.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1361.00 | V | - | - | -70.69 | 3.40 | -67.29 | -54.3 |
| 2041.50 | V | - | - | -69.63 | 4.53 | -65.10 | -52.1 |
| 2722.00 | V | - | - | -70.23 | 6.61 | -63.62 | -50.6 |

Table 7-109. Radiated Spurious Data (Band 71 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 339 of 421 |



OPERATING FREQUENCY: 688.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1376.00 | V | - | - | -70.98 | 3.71 | -67.27 | -54.3 |
| 2064.00 | V | - | - | -69.47 | 4.58 | -64.89 | -51.9 |
| 2752.00 | V | - | - | -70.20 | 6.67 | -63.52 | -50.5 |

Table 7-110. Radiated Spurious Data (Band 71 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 340 of 421 |

Band 12/17

OPERATING FREQUENCY: 704.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1408.00 | H | - | - | -71.81 | 4.35 | -67.46 | -54.5 |
| 2112.00 | V | - | - | -69.90 | 5.05 | -64.84 | -51.8 |
| 2816.00 | V | - | - | -71.12 | 6.90 | -64.23 | -51.2 |

Table 7-111. Radiated Spurious Data (Band 12 – Low Channel)

OPERATING FREQUENCY: 707.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1415.00 | H | 136 | 188 | -71.67 | 4.42 | -67.25 | -54.2 |
| 2122.50 | H | - | - | -70.05 | 5.22 | -64.83 | -51.8 |
| 2830.00 | H | - | - | -71.62 | 7.01 | -64.61 | -51.6 |

Table 7-112. Radiated Spurious Data (Band 12 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 341 of 421 |



OPERATING FREQUENCY: 711.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 10.0 MHz
DISTANCE: 3 meters
LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1422.00 | V | 277 | 166 | -70.26 | 4.50 | -65.76 | -52.8 |
| 2133.00 | V | 131 | 141 | -66.71 | 5.34 | -61.37 | -48.4 |
| 2844.00 | V | - | - | -71.60 | 7.06 | -64.54 | -51.5 |

Table 7-113. Radiated Spurious Data (Band 12/17 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 342 of 421 |

Band 13

OPERATING FREQUENCY: 779.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 2338.50 | V | 133 | 122 | -57.10 | 6.21 | -50.90 | -37.9 |
| 3118.00 | V | - | - | -71.24 | 7.46 | -63.79 | -50.8 |
| 3897.50 | V | - | - | -71.30 | 8.89 | -62.41 | -49.4 |
| 4677.00 | V | - | - | -71.52 | 9.79 | -61.73 | -48.7 |

Table 7-114. Radiated Spurious Data (Band 13 – Low Channel)

OPERATING FREQUENCY: 782.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 2346.00 | V | 135 | 122 | -56.11 | 6.22 | -49.88 | -36.9 |
| 3128.00 | V | - | - | -70.81 | 7.50 | -63.31 | -50.3 |
| 3910.00 | V | - | - | -71.11 | 8.92 | -62.19 | -49.2 |
| 4692.00 | V | - | - | -71.70 | 9.87 | -61.83 | -48.8 |

Table 7-115. Radiated Spurious Data (Band 13 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 343 of 421 |

OPERATING FREQUENCY: 784.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 2353.50 | H | 165 | 123 | -61.79 | 6.22 | -55.58 | -42.6 |
| 3138.00 | H | - | - | -71.16 | 7.54 | -63.62 | -50.6 |
| 3922.50 | H | - | - | -71.08 | 8.95 | -62.13 | -49.1 |
| 4707.00 | H | - | - | -71.77 | 9.92 | -61.85 | -48.9 |

Table 7-116. Radiated Spurious Data (Band 13 – High Channel)

MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.00 MHz
 DISTANCE: 3 meters
 NARROWBAND EMISSION LIMIT: -50 dBm
 WIDEBAND EMISSION LIMIT: -40 dBm/MHz

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1559.00 | H | 160 | 142 | -66.72 | 5.80 | -60.92 | -20.9 |
| 1564.00 | H | 159 | 144 | -66.56 | 5.82 | -60.75 | -20.7 |
| 1569.00 | H | 158 | 142 | -67.53 | 5.82 | -61.71 | -21.7 |

Table 7-117. Radiated Spurious Data (Band 13 – 1559-1610MHz Band)

| | | | |
|---|---|------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 344 of 421 |

Band 26/5

OPERATING FREQUENCY: 829.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1658.00 | H | 107 | 141 | -71.78 | 5.55 | -66.23 | -53.2 |
| 2487.00 | H | 243 | 93 | -68.50 | 5.92 | -62.58 | -49.6 |
| 3316.00 | H | - | - | -70.95 | 7.89 | -63.05 | -50.1 |
| 4145.00 | H | - | - | -71.53 | 9.06 | -62.47 | -49.5 |
| 4974.00 | H | - | - | -71.40 | 9.99 | -61.41 | -48.4 |

Table 7-118. Radiated Spurious Data (Band 26/5 – Low Channel)

OPERATING FREQUENCY: 836.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1673.00 | H | 103 | 138 | -72.52 | 5.60 | -66.92 | -53.9 |
| 2509.50 | H | 217 | 104 | -68.99 | 5.91 | -63.09 | -50.1 |
| 3346.00 | H | - | - | -71.13 | 7.94 | -63.19 | -50.2 |
| 4182.50 | H | - | - | -71.65 | 9.12 | -62.53 | -49.5 |
| 5019.00 | H | - | - | -71.54 | 10.00 | -61.54 | -48.5 |

Table 7-119. Radiated Spurious Data (Band 26/5 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 345 of 421 |



OPERATING FREQUENCY: 844.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 10.0 MHz
DISTANCE: 3 meters
LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1688.00 | H | 129 | 182 | -72.14 | 5.61 | -66.53 | -53.5 |
| 2532.00 | H | - | - | -70.04 | 5.93 | -64.12 | -51.1 |
| 3376.00 | H | - | - | -71.31 | 8.01 | -63.30 | -50.3 |
| 4220.00 | H | - | - | -71.74 | 9.18 | -62.56 | -49.6 |

Table 7-120. Radiated Spurious Data (Band 26/5 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 346 of 421 |

7.9.4 ANT 2b (Port-B) Radiated Spurious Emissions Measurements

Band 66/4

OPERATING FREQUENCY: 1720.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3440.00 | H | - | - | -70.55 | 8.12 | -62.43 | -49.4 |
| 5160.00 | V | 320 | 48 | -70.36 | 10.14 | -60.22 | -47.2 |
| 6880.00 | H | - | - | -70.91 | 11.38 | -59.53 | -46.5 |
| 8600.00 | H | - | - | -73.58 | 13.02 | -60.56 | -47.6 |
| 10320.00 | H | - | - | -70.64 | 13.10 | -57.54 | -44.5 |

Table 7-121. Radiated Spurious Data (Band 66 – Low Channel)

OPERATING FREQUENCY: 1745.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3490.00 | H | - | - | -70.87 | 8.09 | -62.78 | -49.8 |
| 5235.00 | H | - | - | -71.89 | 10.26 | -61.63 | -48.6 |
| 6980.00 | H | - | - | -71.09 | 11.47 | -59.63 | -46.6 |

Table 7-122. Radiated Spurious Data (Band 66 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 347 of 421 |



OPERATING FREQUENCY: 1770.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3540.00 | H | - | - | -70.41 | 7.99 | -62.41 | -49.4 |
| 5310.00 | H | - | - | -71.85 | 10.28 | -61.57 | -48.6 |
| 7080.00 | H | - | - | -71.43 | 11.58 | -59.86 | -46.9 |

Table 7-123. Radiated Spurious Data (Band 66/4 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 348 of 421 |

Band 25/2

OPERATING FREQUENCY: 1860.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3720.00 | H | - | - | -70.57 | 8.43 | -62.14 | -49.1 |
| 5580.00 | H | - | - | -71.52 | 10.72 | -60.80 | -47.8 |
| 7440.00 | H | - | - | -71.08 | 11.90 | -59.18 | -46.2 |

Table 7-124. Radiated Spurious Data (Band 25/2 – Low Channel)

OPERATING FREQUENCY: 1882.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3765.00 | H | - | - | -70.20 | 8.48 | -61.72 | -48.7 |
| 5647.50 | H | - | - | -70.95 | 10.69 | -60.26 | -47.3 |
| 7530.00 | H | - | - | -71.17 | 11.99 | -59.19 | -46.2 |

Table 7-125. Radiated Spurious Data (Band 25 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 349 of 421 |

OPERATING FREQUENCY: 1905.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3810.00 | H | - | - | -70.18 | 8.59 | -61.58 | -48.6 |
| 5715.00 | H | - | - | -71.38 | 10.66 | -60.72 | -47.7 |
| 7620.00 | H | - | - | -71.42 | 12.16 | -59.26 | -46.3 |

Table 7-126. Radiated Spurious Data (Band 25/2 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 350 of 421 |

Band 30

OPERATING FREQUENCY: 2307.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4615.00 | H | - | - | -71.63 | 9.49 | -62.14 | -22.1 |
| 6922.50 | H | - | - | -69.87 | 11.40 | -58.46 | -18.5 |
| 9230.00 | H | - | - | -70.74 | 13.29 | -57.45 | -17.5 |

Table 7-127. Radiated Spurious Data (Band 30 – Low Channel)

OPERATING FREQUENCY: 2310.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4620.00 | H | - | - | -71.47 | 9.51 | -61.95 | -22.0 |
| 6930.00 | H | - | - | -69.99 | 11.41 | -58.58 | -18.6 |
| 9240.00 | H | - | - | -71.07 | 13.30 | -57.77 | -17.8 |

Table 7-128. Radiated Spurious Data (Band 30 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 351 of 421 |



OPERATING FREQUENCY: 2312.50 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 5.0 MHz
DISTANCE: 3 meters
LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4625.00 | H | - | - | -71.80 | 9.54 | -62.26 | -22.3 |
| 6937.50 | H | - | - | -70.21 | 11.41 | -58.79 | -18.8 |
| 9250.00 | H | - | - | -70.99 | 13.31 | -57.69 | -17.7 |

Table 7-129. Radiated Spurious Data (Band 30 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 352 of 421 |

Band 7

OPERATING FREQUENCY: 2510.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | V | - | - | -71.04 | 10.00 | -61.04 | -36.0 |
| 7530.00 | V | - | - | -71.12 | 11.99 | -59.14 | -34.1 |
| 10040.00 | V | - | - | -71.12 | 13.11 | -58.00 | -33.0 |

Table 7-130. Radiated Spurious Data (Band 7 – Low Channel)

OPERATING FREQUENCY: 2535.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | V | - | - | -71.42 | 10.07 | -61.35 | -36.4 |
| 7580.00 | V | - | - | -71.17 | 12.08 | -59.08 | -34.1 |
| 10090.00 | V | - | - | -70.79 | 13.09 | -57.70 | -32.7 |

Table 7-131. Radiated Spurious Data (Band 7 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 353 of 421 |



OPERATING FREQUENCY: 2560.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | V | - | - | -71.51 | 10.10 | -61.41 | -36.4 |
| 7680.00 | V | - | - | -71.37 | 12.15 | -59.22 | -34.2 |
| 10240.00 | V | - | - | -71.04 | 13.10 | -57.93 | -32.9 |

Table 7-132. Radiated Spurious Data (Band 7 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 354 of 421 |

Band 41

OPERATING FREQUENCY: 2506.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | H | - | - | -63.14 | 9.99 | -53.15 | -28.1 |
| 7518.00 | H | - | - | -61.91 | 11.99 | -49.93 | -24.9 |
| 10024.00 | H | - | - | -62.29 | 13.11 | -49.18 | -24.2 |

Table 7-133. Radiated Spurious Data (Band 41 – Low Channel)

OPERATING FREQUENCY: 2593.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | H | - | - | -62.04 | 10.20 | -51.83 | -26.8 |
| 7779.00 | H | - | - | -61.72 | 12.20 | -49.52 | -24.5 |
| 10372.00 | H | - | - | -62.32 | 13.07 | -49.25 | -24.3 |

Table 7-134. Radiated Spurious Data (Band 41 – Mid Channel)

| | | | | |
|---|---|------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 355 of 421 |



OPERATING FREQUENCY: 2690.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5380.00 | H | - | - | -62.44 | 10.10 | -52.34 | -27.3 |
| 8060.00 | H | - | - | -62.16 | 12.21 | -49.96 | -25.0 |
| 10740.00 | H | - | - | -61.24 | 13.07 | -48.17 | -23.2 |

Table 7-135. Radiated Spurious Data (Band 41 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 356 of 421 |

7.9.5 ANT 4a (Port-C) Radiated Spurious Emissions Measurements Band 66/4

OPERATING FREQUENCY: 1720.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3440.00 | H | - | - | -70.66 | 8.12 | -62.54 | -49.5 |
| 5160.00 | H | - | - | -72.06 | 10.14 | -61.92 | -48.9 |
| 6880.00 | H | - | - | -71.16 | 11.38 | -59.78 | -46.8 |

Table 7-136. Radiated Spurious Data (Band 66/4 – Low Channel)

OPERATING FREQUENCY: 1745.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3490.00 | H | - | - | -70.77 | 8.09 | -62.68 | -49.7 |
| 5235.00 | H | - | - | -72.18 | 10.26 | -61.92 | -48.9 |
| 6980.00 | H | - | - | -71.21 | 11.47 | -59.75 | -46.7 |

Table 7-137. Radiated Spurious Data (Band 66/4 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 357 of 421 |

OPERATING FREQUENCY: 1770.00 MHz

MODULATION SIGNAL: QPSK

BANDWIDTH: 20.0 MHz

DISTANCE: 3 meters

LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3540.00 | H | - | - | -70.40 | 7.99 | -62.41 | -49.4 |
| 5310.00 | H | - | - | -71.99 | 10.28 | -61.71 | -48.7 |
| 7080.00 | H | - | - | -71.40 | 11.58 | -59.83 | -46.8 |

Table 7-138. Radiated Spurious Data (Band 66/4 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 358 of 421 |

Band 25/2

OPERATING FREQUENCY: 1860.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3720.00 | H | - | - | -71.05 | 8.43 | -62.62 | -49.6 |
| 5580.00 | H | - | - | -72.10 | 10.72 | -61.38 | -48.4 |
| 7440.00 | H | - | - | -71.15 | 11.90 | -59.25 | -46.2 |

Table 7-139. Radiated Spurious Data (Band 25 – Low Channel)

OPERATING FREQUENCY: 1882.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3765.00 | H | - | - | -70.71 | 8.48 | -62.23 | -49.2 |
| 5647.50 | H | - | - | -71.61 | 10.69 | -60.92 | -47.9 |
| 7530.00 | H | - | - | -71.56 | 11.99 | -59.58 | -46.6 |

Table 7-140. Radiated Spurious Data (Band 25 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 359 of 421 |

OPERATING FREQUENCY: 1905.00 MHz

MODULATION SIGNAL: QPSK

BANDWIDTH: 20.0 MHz

DISTANCE: 3 meters

LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3810.00 | H | - | - | -70.35 | 8.59 | -61.75 | -48.8 |
| 5715.00 | H | - | - | -71.29 | 10.66 | -60.63 | -47.6 |
| 7620.00 | H | - | - | -71.86 | 12.16 | -59.70 | -46.7 |

Table 7-141. Radiated Spurious Data (Band 25/2 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 360 of 421 |

Band 30

OPERATING FREQUENCY: 2307.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4615.00 | H | - | - | -70.68 | 9.49 | -61.19 | -21.2 |
| 6922.50 | H | - | - | -70.62 | 11.40 | -59.22 | -19.2 |
| 9230.00 | H | - | - | -72.42 | 13.29 | -59.13 | -19.1 |

Table 7-142. Radiated Spurious Data (Band 30 – Low Channel)

OPERATING FREQUENCY: 2310.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4620.00 | H | - | - | -70.80 | 9.51 | -61.28 | -21.3 |
| 6930.00 | H | - | - | -70.64 | 11.41 | -59.23 | -19.2 |
| 9240.00 | H | - | - | -72.28 | 13.30 | -58.98 | -19.0 |

Table 7-143. Radiated Spurious Data (Band 30 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 361 of 421 |

OPERATING FREQUENCY: 2312.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4625.00 | H | - | - | -71.00 | 9.54 | -61.46 | -21.5 |
| 6937.50 | H | - | - | -70.75 | 11.41 | -59.33 | -19.3 |
| 9250.00 | H | - | - | -72.17 | 13.31 | -58.86 | -18.9 |

Table 7-144. Radiated Spurious Data (Band 30 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 362 of 421 |

Band 7

OPERATING FREQUENCY: 2510.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | H | - | - | -61.38 | 10.00 | -51.38 | -26.4 |
| 7530.00 | H | - | - | -61.94 | 11.99 | -49.96 | -25.0 |
| 10040.00 | H | - | - | -62.79 | 13.11 | -49.67 | -24.7 |

Table 7-145. Radiated Spurious Data (Band 7 – Low Channel)

OPERATING FREQUENCY: 2535.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | V | 107 | 121 | -59.19 | 10.07 | -49.12 | -24.1 |
| 7605.00 | V | - | - | -61.98 | 12.15 | -49.83 | -24.8 |
| 10140.00 | V | - | - | -61.68 | 13.10 | -48.58 | -23.6 |
| 12675.00 | V | - | - | -59.43 | 13.15 | -46.28 | -21.3 |

Table 7-146. Radiated Spurious Data (Band 7 – Mid Channel)

| | | | | |
|---|---|------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 363 of 421 |

OPERATING FREQUENCY: 2560.00 MHz

MODULATION SIGNAL: QPSK

BANDWIDTH: 20.0 MHz

DISTANCE: 3 meters

LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | V | - | - | -62.08 | 10.11 | -51.97 | -27.0 |
| 7680.00 | V | - | - | -62.22 | 12.15 | -50.07 | -25.1 |
| 10240.00 | V | - | - | -62.45 | 13.10 | -49.35 | -24.4 |

Table 7-147. Radiated Spurious Data (Band 7 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 364 of 421 |

Band 41

OPERATING FREQUENCY: 2506.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | H | - | - | -61.55 | 9.99 | -51.56 | -26.6 |
| 7518.00 | H | - | - | -62.45 | 11.99 | -50.47 | -25.5 |
| 10024.00 | H | - | - | -62.22 | 13.11 | -49.11 | -24.1 |

Table 7-148. Radiated Spurious Data (Band 41 – Low Channel)

OPERATING FREQUENCY: 2593.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | H | 124 | 298 | -60.32 | 10.20 | -50.11 | -25.1 |
| 7779.00 | V | 236 | 185 | -56.93 | 12.20 | -44.73 | -19.7 |
| 10372.00 | V | - | - | -61.73 | 13.07 | -48.66 | -23.7 |
| 12965.00 | V | - | - | -59.68 | 13.25 | -46.43 | -21.4 |
| 15558.00 | V | - | - | -58.98 | 14.01 | -44.97 | -20.0 |

Table 7-149. Radiated Spurious Data (Band 41 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 365 of 421 |

OPERATING FREQUENCY: 2680.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | V | 112 | 121 | -59.07 | 10.37 | -48.70 | -23.7 |
| 8040.00 | H | 245 | 184 | -55.99 | 12.53 | -43.45 | -18.5 |
| 10720.00 | H | 115 | 167 | -61.03 | 13.07 | -47.96 | -23.0 |
| 13400.00 | H | - | - | -59.81 | 13.78 | -46.03 | -21.0 |
| 16080.00 | H | - | - | -58.19 | 13.63 | -44.56 | -19.6 |

Table 7-150. Radiated Spurious Data (Band 41 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 366 of 421 |

7.9.6 ANT 2a (Port-D) Radiated Spurious Emissions Measurements Band 66/4

OPERATING FREQUENCY: 1720.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3440.00 | H | - | - | -70.59 | 8.12 | -62.47 | -49.5 |
| 5160.00 | H | - | - | -71.75 | 10.14 | -61.61 | -48.6 |
| 6880.00 | H | - | - | -71.13 | 11.38 | -59.75 | -46.7 |

Table 7-151. Radiated Spurious Data (Band 66 – Low Channel)

OPERATING FREQUENCY: 1745.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3490.00 | H | - | - | -70.93 | 8.09 | -62.84 | -49.8 |
| 5235.00 | H | - | - | -72.04 | 10.26 | -61.78 | -48.8 |
| 6980.00 | H | - | - | -71.15 | 11.47 | -59.69 | -46.7 |

Table 7-152. Radiated Spurious Data (Band 66 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 367 of 421 |

OPERATING FREQUENCY: 1770.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3540.00 | H | - | - | -70.51 | 7.99 | -62.52 | -49.5 |
| 5310.00 | H | - | - | -71.80 | 10.28 | -61.52 | -48.5 |
| 7080.00 | H | - | - | -71.47 | 11.58 | -59.90 | -46.9 |

Table 7-153. Radiated Spurious Data (Band 66/4 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 368 of 421 |

Band 25/2

OPERATING FREQUENCY: 1860.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3720.00 | H | - | - | -70.90 | 8.43 | -62.47 | -49.5 |
| 5580.00 | H | - | - | -72.08 | 10.72 | -61.36 | -48.4 |
| 7440.00 | H | - | - | -71.38 | 11.90 | -59.48 | -46.5 |

Table 7-154. Radiated Spurious Data (Band 25 – Low Channel)

OPERATING FREQUENCY: 1882.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3765.00 | H | - | - | -70.56 | 8.48 | -62.08 | -49.1 |
| 5647.50 | H | - | - | -71.56 | 10.69 | -60.87 | -47.9 |
| 7530.00 | H | - | - | -71.58 | 11.99 | -59.60 | -46.6 |

Table 7-155. Radiated Spurious Data (Band 25/2 – Mid Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 369 of 421 |

OPERATING FREQUENCY: 1905.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 3810.00 | H | - | - | -70.55 | 8.59 | -61.95 | -49.0 |
| 5715.00 | H | - | - | -71.83 | 10.66 | -61.17 | -48.2 |
| 7620.00 | H | - | - | -71.59 | 12.16 | -59.43 | -46.4 |

Table 7-156. Radiated Spurious Data (Band 25/2 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 370 of 421 |

Band 30

OPERATING FREQUENCY: 2307.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 5.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4615.00 | H | - | - | -70.81 | 9.49 | -61.32 | -21.3 |
| 6922.50 | H | - | - | -71.02 | 11.40 | -59.62 | -19.6 |
| 9230.00 | H | - | - | -72.49 | 13.29 | -59.20 | -19.2 |

Table 7-157. Radiated Spurious Data (Band 30 – Low Channel)

OPERATING FREQUENCY: 2310.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4620.00 | H | - | - | -71.36 | 9.51 | -61.84 | -21.8 |
| 6930.00 | H | - | - | -71.01 | 11.41 | -59.60 | -19.6 |
| 9240.00 | H | - | - | -72.64 | 13.30 | -59.34 | -19.3 |

Table 7-158. Radiated Spurious Data (Band 30 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 371 of 421 |

OPERATING FREQUENCY: 2312.50 MHz

MODULATION SIGNAL: QPSK

BANDWIDTH: 5.0 MHz

DISTANCE: 3 meters

LIMIT: -40 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 4625.00 | H | - | - | -71.36 | 9.54 | -61.82 | -21.8 |
| 6937.50 | H | - | - | -71.09 | 11.41 | -59.67 | -19.7 |
| 9250.00 | H | - | - | -72.53 | 13.31 | -59.22 | -19.2 |

Table 7-159. Radiated Spurious Data (Band 30 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 372 of 421 |

Band 7

OPERATING FREQUENCY: 2510.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | H | - | - | -71.75 | 10.00 | -61.75 | -36.7 |
| 7530.00 | H | - | - | -71.66 | 11.99 | -59.68 | -34.7 |
| 10040.00 | H | - | - | -71.43 | 13.11 | -58.31 | -33.3 |

Table 7-160. Radiated Spurious Data (Band 7 – Low Channel)

OPERATING FREQUENCY: 2535.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | H | - | - | -72.05 | 10.07 | -61.98 | -37.0 |
| 7605.00 | H | - | - | -71.64 | 12.15 | -59.49 | -34.5 |
| 10140.00 | H | - | - | -71.03 | 13.10 | -57.93 | -32.9 |

Table 7-161. Radiated Spurious Data (Band 7 – Mid Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 373 of 421 |

OPERATING FREQUENCY: 2560.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | H | - | - | -71.83 | 10.10 | -61.73 | -36.7 |
| 7680.00 | H | - | - | -71.65 | 12.15 | -59.50 | -34.5 |
| 10240.00 | H | - | - | -71.15 | 13.10 | -58.04 | -33.0 |

Table 7-162. Radiated Spurious Data (Band 7 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 374 of 421 |

Band 41

OPERATING FREQUENCY: 2506.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | H | - | - | -61.60 | 9.99 | -51.61 | -26.6 |
| 7518.00 | H | - | - | -62.24 | 11.99 | -50.26 | -25.3 |
| 10024.00 | H | - | - | -61.94 | 13.11 | -48.83 | -23.8 |

Table 7-163. Radiated Spurious Data (Band 41 – Low Channel)

OPERATING FREQUENCY: 2593.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | H | - | - | -62.54 | 10.20 | -52.33 | -27.3 |
| 7779.00 | H | - | - | -61.68 | 12.20 | -49.48 | -24.5 |
| 10372.00 | H | - | - | -61.64 | 13.07 | -48.57 | -23.6 |

Table 7-164. Radiated Spurious Data (Band 41 – Mid Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 375 of 421 |



OPERATING FREQUENCY: 2680.00 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | EIRP Level at Sub Ant Port [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | H | - | - | -62.17 | 10.37 | -51.80 | -26.8 |
| 8040.00 | H | - | - | -62.92 | 12.53 | -50.38 | -25.4 |
| 10720.00 | H | - | - | -61.54 | 13.07 | -48.47 | -23.5 |

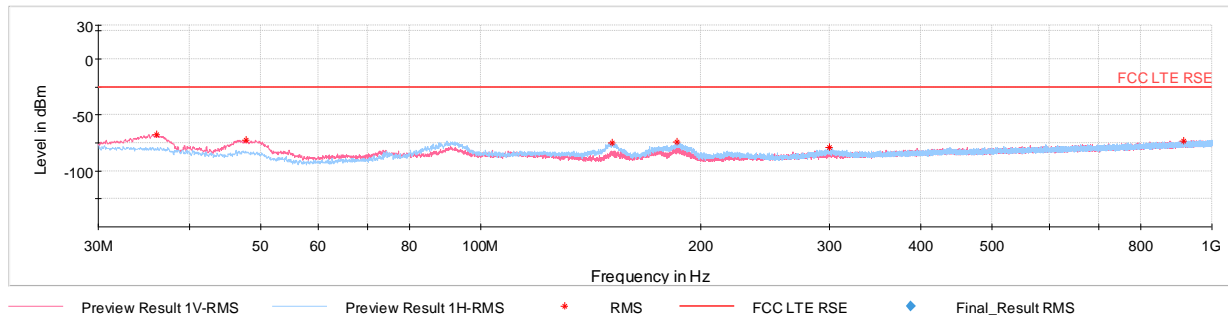
Table 7-165. Radiated Spurious Data (Band 41 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 376 of 421 |

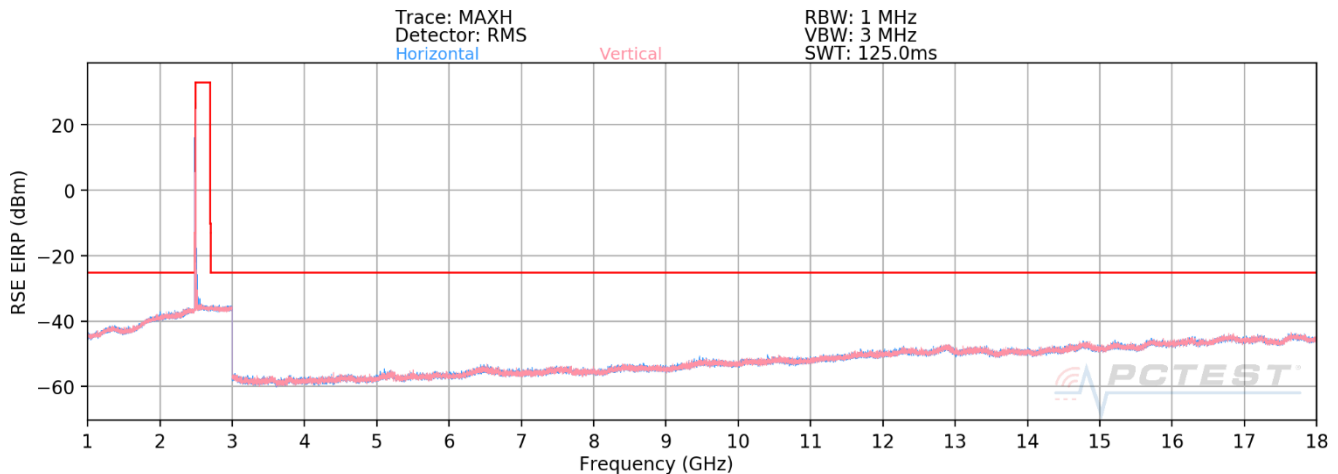
Simultaneous Tx Radiated Spurious Emissions Measurements

| Description | Bluetooth | LTE |
|---------------------------|-----------|----------------|
| Antenna | 4a | 4a |
| Channel | 6 | 39750 |
| Operating Frequency (MHz) | 2480 | 2506 |
| Mode/Modulation | GFSK ePA | QPSK/1RB/20MHz |

Table 7-166. Worst Case Configuration



Plot 7-467. Radiated Spurious Plot Below 1GHz

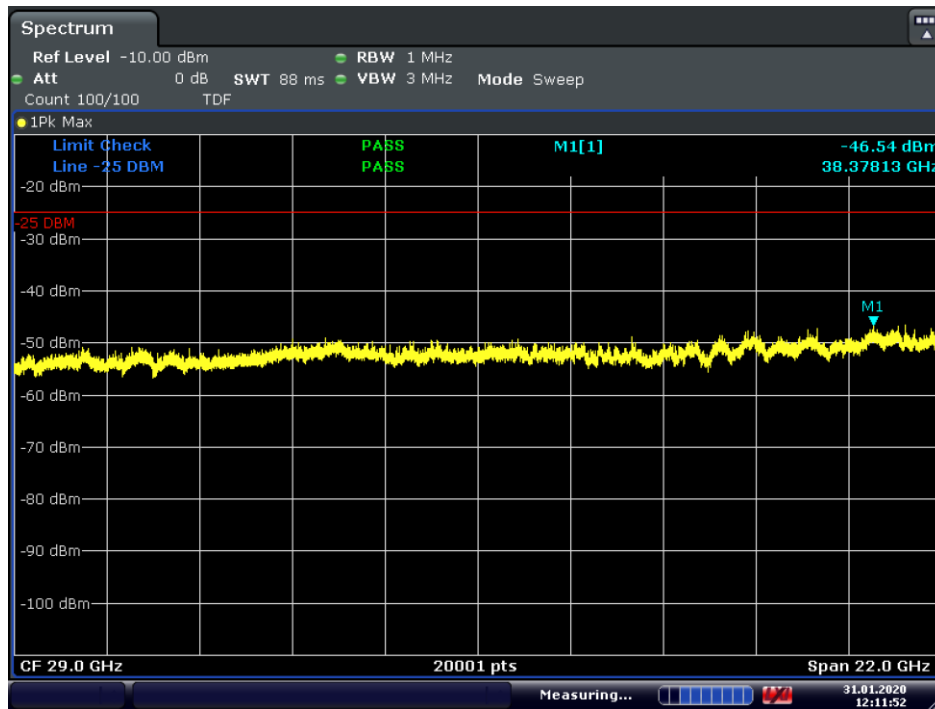


Plot 7-468. Radiated Spurious Plot Above 1GHz

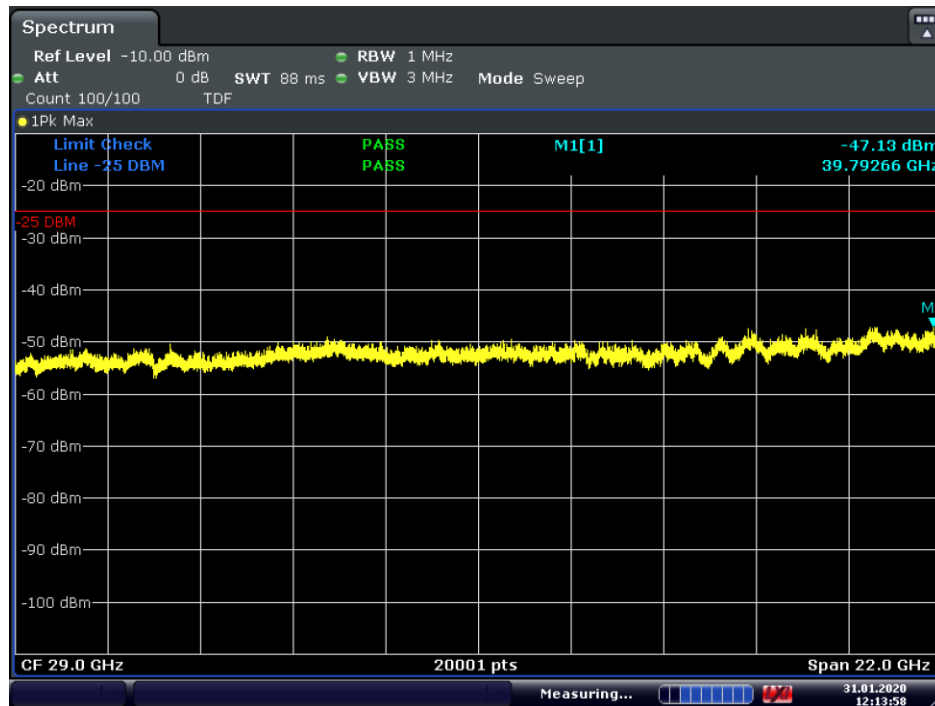
| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|-------------|
| 5012.00 | V | - | - | -69.39 | 9.99 | -59.40 | -25.0 | -34.4 |
| 7518.00 | V | - | - | -68.80 | 11.99 | -56.82 | -25.0 | -31.8 |
| 10024.00 | V | - | - | -68.70 | 13.11 | -55.59 | -25.0 | -30.6 |

Table 7-167. Radiated Spurious Data Above 1GHz

| | | | | | | | | |
|---|---|---------------------------------------|--|--|--|--|---------------------------------|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | | | | Approved by: Quality Manager | |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | | | | Page 377 of 421 | |



Plot 7-469. Radiated Spurious Plot Above 18GHz (Ant. Pol H)



Plot 7-470. Radiated Spurious Data Above 18GHz (Ant. Pol V)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 378 of 421 |



7.10 Uplink Carrier Aggregation Radiated Measurements

\$2.1053, \$27.53(m)

Test Overview

Radiated spurious emissions measurements are performed using the substitution method described in ANSI/TIA-603-D-2010 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using vertically and horizontally polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as peak measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v02r02 – Section 5.8

ANSI/TIA-603-D-2010 – Section 2.2.12

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. No. of sweep points $\geq 2 \times$ span / RBW
4. Detector = RMS
5. Trace mode = trace average for continuous emissions, max hold for pulse emissions
6. The trace was allowed to stabilize

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 379 of 421 |

Test Setup

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

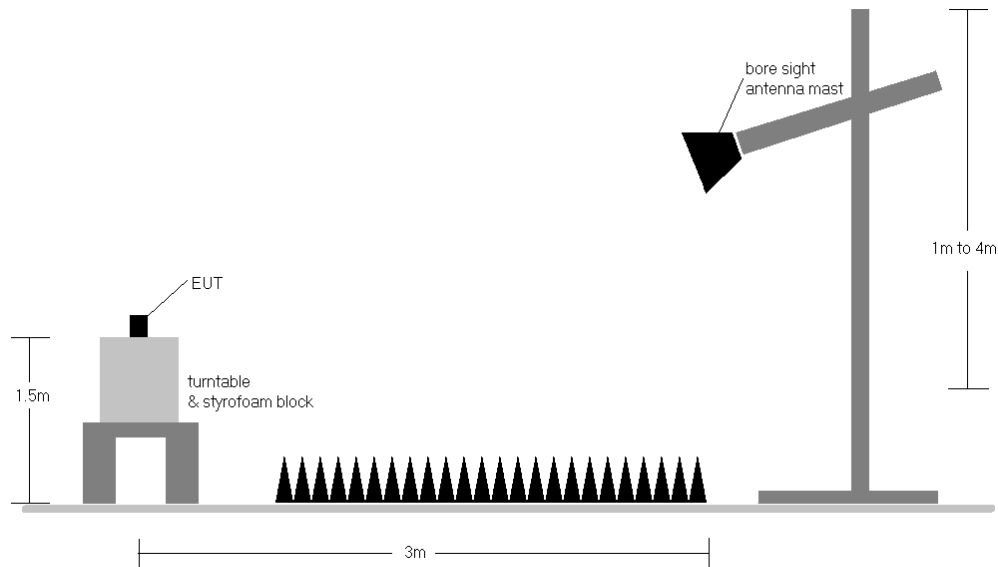


Figure 7-10. Test Instrument & Measurement Setup

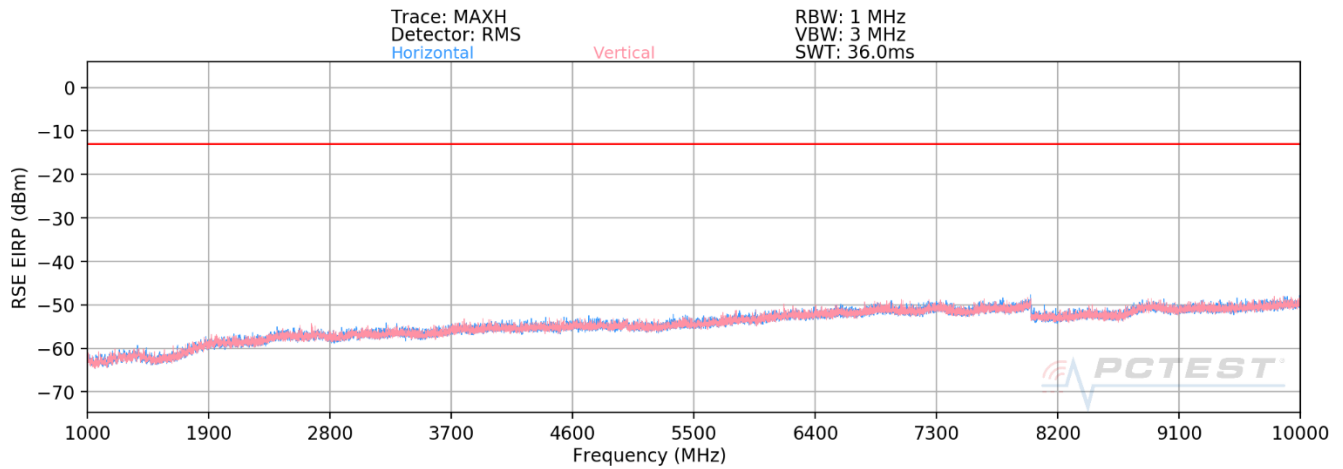
Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.
- 3) Radiated spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. The worst case (highest) emissions were found while operating with QPSK modulation with both carriers set to transmit using 1RB.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 6) No significant emissions were found as a result of two uplink carriers operating contiguously.
- 7) All ports were tested and only the worst case data were reported.
- 8) Refer to Table 2-3 Section 2.3 of this test report for correlation between Antennas and Ports.

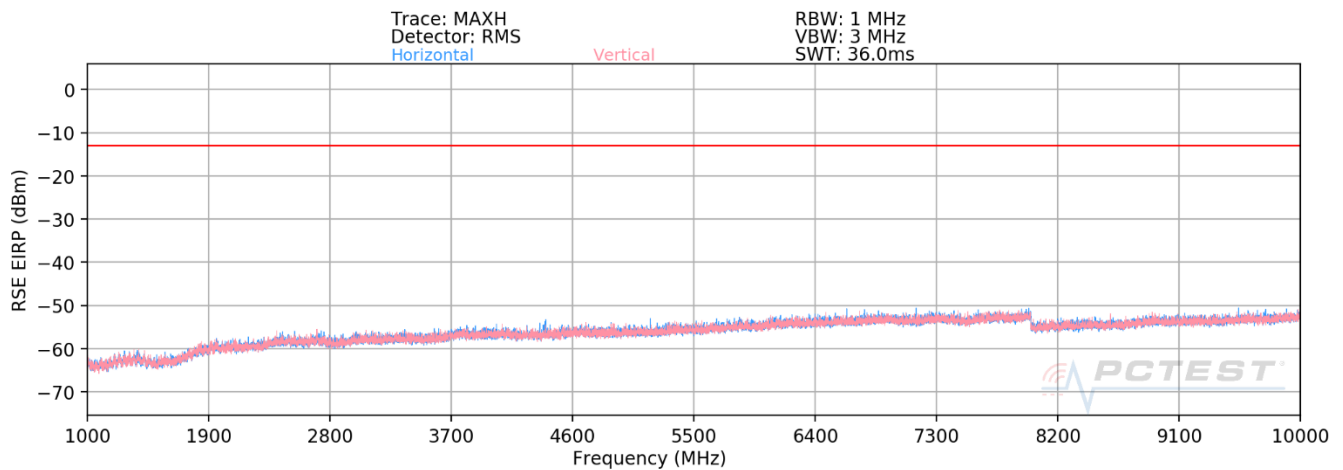
| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 | PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 380 of 421 |

7.10.1 ANT 3 (Port-A) Radiated Spurious Emissions Measurements

Band 5



Plot 7-471. Radiated Spurious Plot (ULCA B5 PCC: RB 1 Offset 49, SCC: RB 1 Offset 0 – Low Channel)



Plot 7-472. Radiated Spurious Plot (ULCA B5 PCC: RB 1 Offset 0, SCC: RB 1 Offset 49 – High Channel)

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 381 of 421 |

OPERATING FREQUENCY (PCC): 829.00 MHz
 OPERATING FREQUENCY (SCC): 838.90 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1658.00 | V | 193 | 113 | -71.20 | 5.50 | -65.70 | -40.7 |
| 2487.00 | V | - | - | -69.49 | 5.92 | -63.57 | -38.6 |
| 3316.00 | V | - | - | -70.94 | 7.87 | -63.07 | -38.1 |

Table 7-168. Radiated Spurious Data (ULCA B5 PCC: RB 1 Offset 49, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 844.00 MHz
 OPERATING FREQUENCY (SCC): 834.10 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

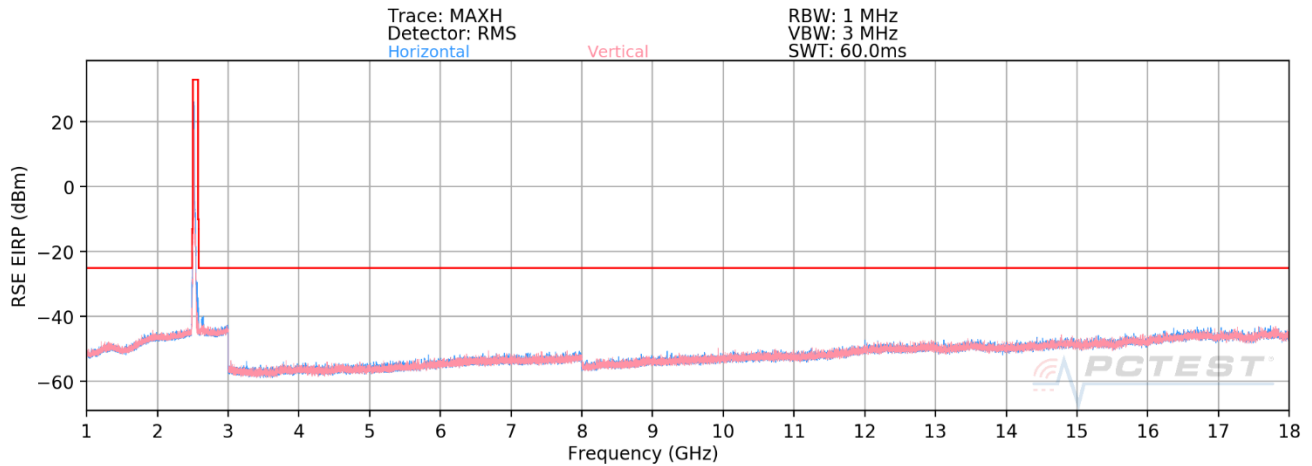
| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1688.00 | V | 179 | 117 | -70.66 | 5.65 | -65.01 | -40.0 |
| 2535.00 | V | - | - | -69.68 | 5.95 | -63.73 | -38.7 |
| 3376.00 | V | - | - | -70.98 | 8.04 | -62.94 | -37.9 |
| 4220.00 | V | - | - | -71.29 | 9.19 | -62.10 | -37.1 |

Table 7-169. Radiated Spurious Data (ULCA B5 PCC: RB 1 Offset 0, SCC: RB 1 Offset 49 – High Channel)

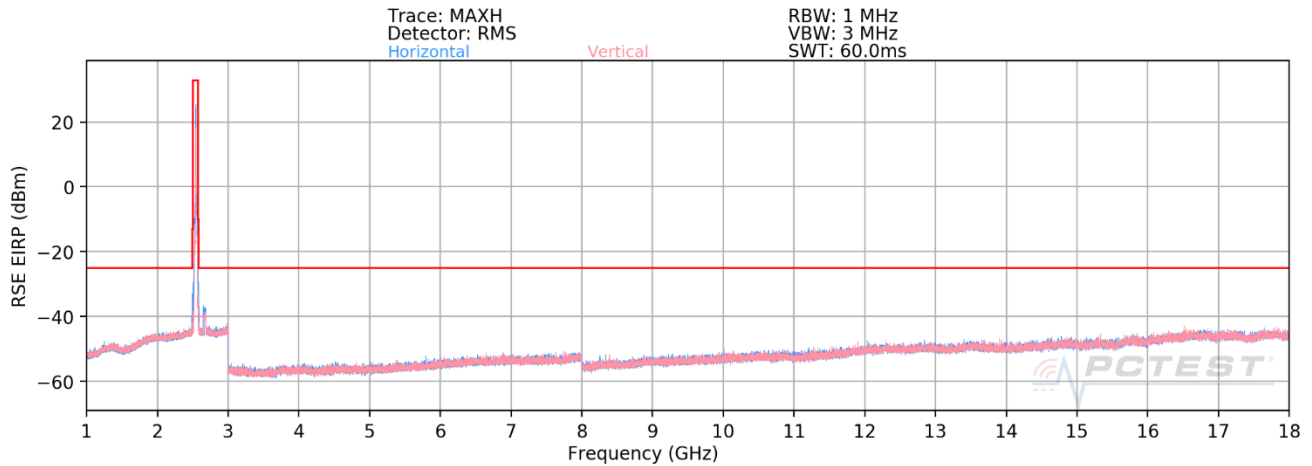
| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 382 of 421 |

7.10.2 ANT 4b (Port-A) Radiated Spurious Emissions Measurements

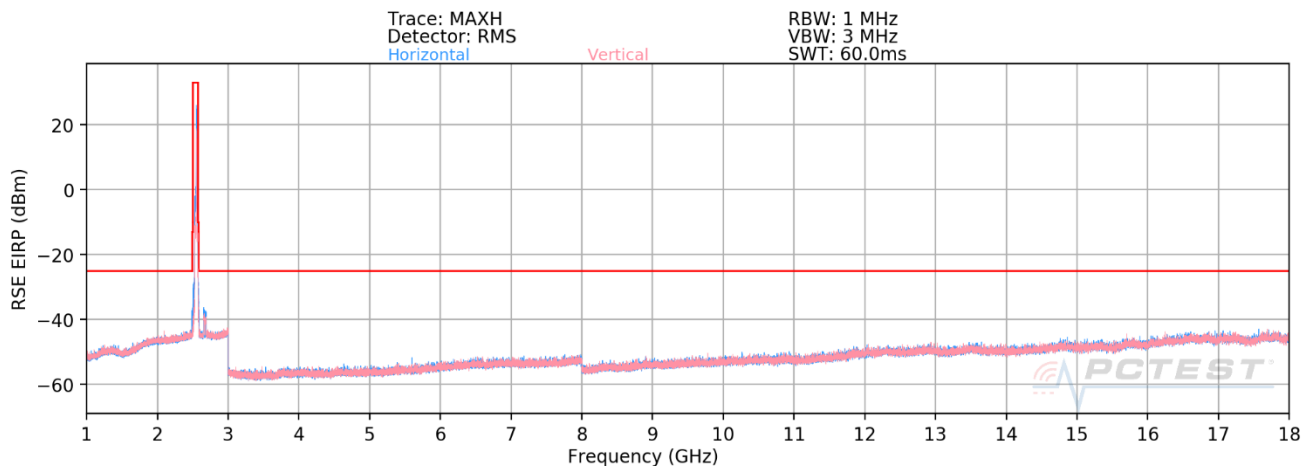
Band 7



Plot 7-473. Radiated Spurious Plot (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)



Plot 7-474. Radiated Spurious Plot (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)



Plot 7-475. Radiated Spurious Plot (ULCA B7 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 | PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 383 of 421 |

OPERATING FREQUENCY (PCC): 2510.00 MHz
 OPERATING FREQUENCY (SCC): 2529.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | V | 293 | 131 | -67.92 | 10.13 | -57.79 | -32.8 |
| 7530.00 | V | - | - | -71.00 | 12.02 | -58.99 | -34.0 |
| 10040.00 | V | - | - | -71.39 | 13.11 | -58.27 | -33.3 |
| 12550.00 | V | - | - | -68.36 | 13.16 | -55.20 | -30.2 |

Table 7-170. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2535.00 MHz
 OPERATING FREQUENCY (SCC): 2554.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | V | 266 | 136 | -70.78 | 10.16 | -60.62 | -35.6 |
| 7605.00 | V | 316 | 284 | -69.10 | 11.98 | -57.12 | -32.1 |
| 10140.00 | V | - | - | -70.84 | 13.03 | -57.81 | -32.8 |
| 12675.00 | V | - | - | -68.70 | 13.17 | -55.53 | -30.5 |
| 15210.00 | V | - | - | -67.92 | 14.04 | -53.88 | -28.9 |

Table 7-171. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | | |
|---|---|------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 384 of 421 |



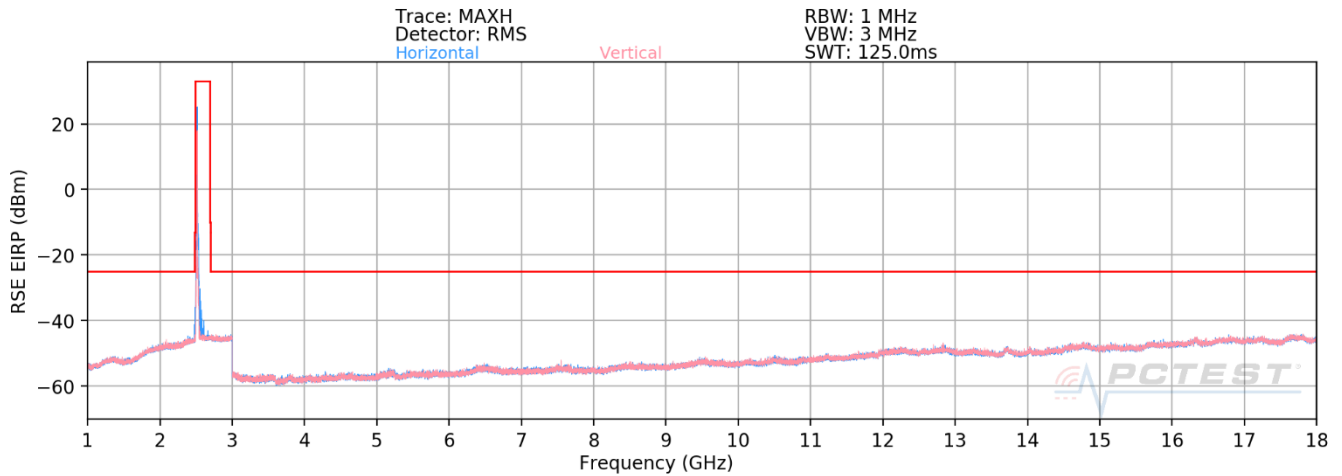
OPERATING FREQUENCY (PCC): 2560.00 MHz
OPERATING FREQUENCY (SCC): 2540.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | V | 285 | 131 | -70.48 | 10.22 | -60.26 | -35.3 |
| 7680.00 | V | 105 | 183 | -67.79 | 12.06 | -55.73 | -30.7 |
| 10240.00 | V | - | - | -71.07 | 13.05 | -58.01 | -33.0 |
| 12800.00 | V | - | - | -68.63 | 13.17 | -55.46 | -30.5 |
| 15360.00 | V | - | - | -68.73 | 14.05 | -54.68 | -29.7 |

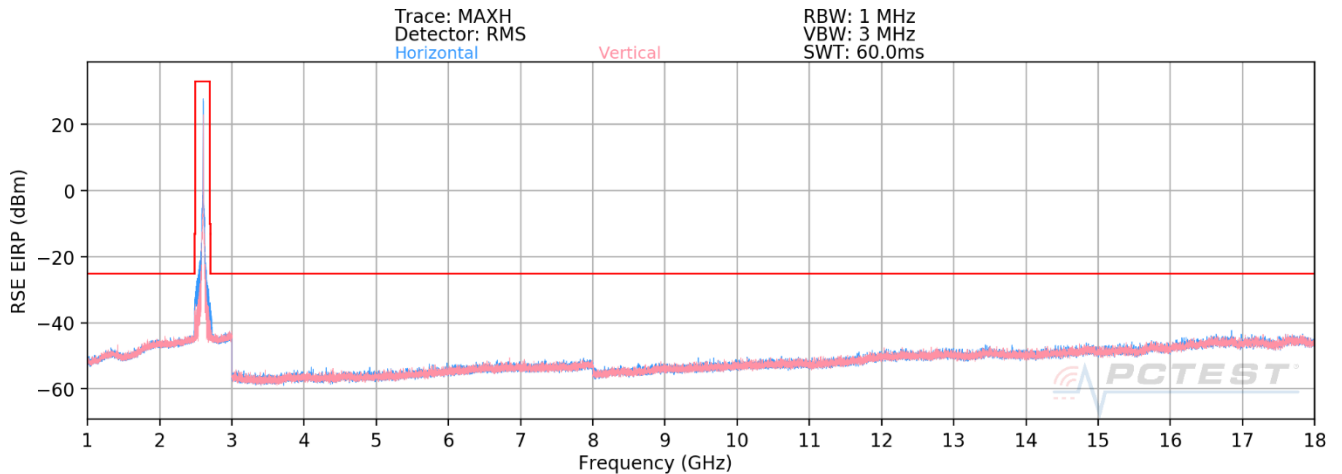
Table 7-172. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|--|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 | | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 385 of 421 |

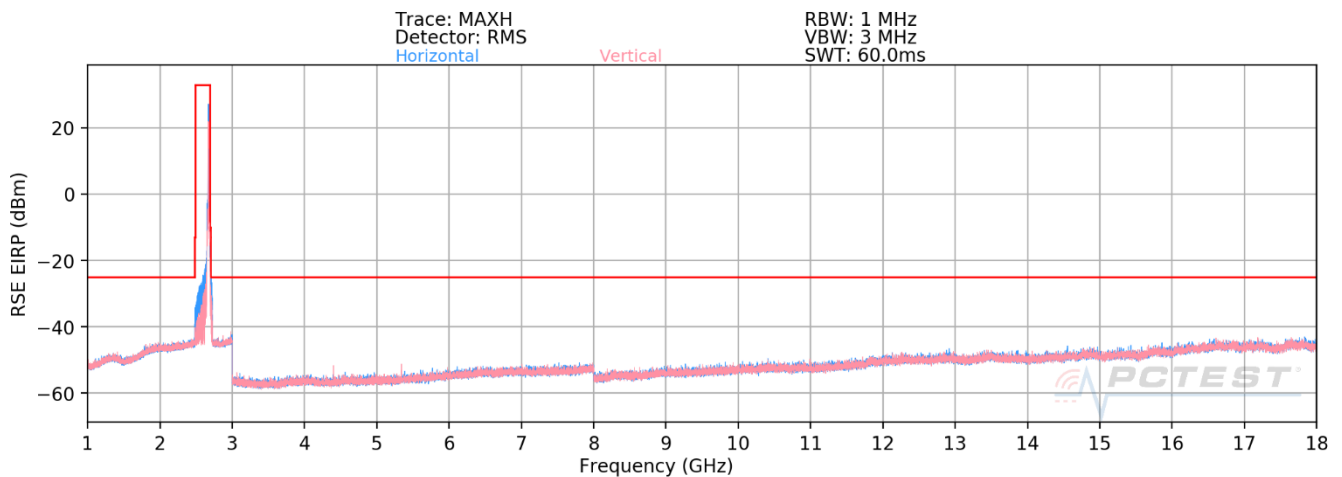
Band 41



Plot 7-476. Radiated Spurious Plot (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)



Plot 7-477. Radiated Spurious Plot (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)



Plot 7-478. Radiated Spurious Plot (ULCA B41 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | |
|---|--|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 | PCTEST | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 386 of 421 |

OPERATING FREQUENCY (PCC): 2506.00 MHz
 OPERATING FREQUENCY (SCC): 2525.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | V | 283 | 139 | -57.97 | 9.99 | -47.98 | -23.0 |
| 7518.00 | V | 111 | 14 | -63.11 | 11.99 | -51.12 | -26.1 |
| 10024.00 | V | - | - | -62.21 | 13.11 | -49.10 | -24.1 |
| 12530.00 | V | - | - | -59.27 | 13.15 | -46.13 | -21.1 |
| 15036.00 | V | - | - | -59.17 | 14.06 | -45.12 | -20.1 |

Table 7-173. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2593.00 MHz
 OPERATING FREQUENCY (SCC): 2612.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | V | 297 | 142 | -59.12 | 10.20 | -48.92 | -23.9 |
| 7779.00 | V | 111 | 290 | -61.62 | 12.20 | -49.42 | -24.4 |
| 10372.00 | V | - | - | -62.21 | 13.07 | -49.14 | -24.1 |
| 12965.00 | V | - | - | -59.34 | 13.25 | -46.09 | -21.1 |
| 15558.00 | V | - | - | -58.90 | 14.01 | -44.89 | -19.9 |

Table 7-174. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 387 of 421 |



OPERATING FREQUENCY (PCC): 2680.00 MHz
OPERATING FREQUENCY (SCC): 2660.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | V | 146 | 166 | -59.60 | 10.37 | -49.23 | -24.2 |
| 8040.00 | V | - | - | -63.47 | 12.53 | -50.93 | -25.9 |
| 10720.00 | V | - | - | -61.73 | 13.07 | -48.66 | -23.7 |
| 13400.00 | V | - | - | -60.78 | 13.78 | -47.00 | -22.0 |

Table 7-175. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 388 of 421 |

7.10.3 ANT 1 (Port-B) Radiated Spurious Emissions Measurements

Band 5

OPERATING FREQUENCY (PCC): 829.00 MHz
 OPERATING FREQUENCY (SCC): 838.90 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1658.00 | V | 139 | 200 | -73.04 | 5.50 | -67.54 | -42.5 |
| 2487.00 | V | 164 | 110 | -64.50 | 5.92 | -58.58 | -33.6 |
| 3316.00 | V | - | - | -70.79 | 7.87 | -62.92 | -37.9 |
| 4145.00 | V | - | - | -70.83 | 9.02 | -61.81 | -36.8 |
| 4974.00 | V | - | - | -71.91 | 10.01 | -61.89 | -36.9 |

Table 7-176. Radiated Spurious Data (ULCA B5 PCC: RB 1 Offset 49, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 844.00 MHz
 OPERATING FREQUENCY (SCC): 834.10 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 1688.00 | V | 221 | 201 | -72.74 | 5.65 | -67.09 | -42.1 |
| 2532.00 | V | - | - | -69.68 | 5.93 | -63.75 | -38.8 |
| 3376.00 | V | - | - | -70.93 | 8.04 | -62.89 | -37.9 |
| 4220.00 | V | - | - | -71.50 | 9.19 | -62.31 | -37.3 |

Table 7-177. Radiated Spurious Data (ULCA B5 PCC: RB 1 Offset 0, SCC: RB 1 Offset 49 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 389 of 421 |

7.10.4 ANT 2b (Port-B) Radiated Spurious Emissions Measurements

Band 7

OPERATING FREQUENCY (PCC): 2510.00 MHz
 OPERATING FREQUENCY (SCC): 2529.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | H | - | - | -71.37 | 10.00 | -61.37 | -36.4 |
| 7530.00 | H | - | - | -71.61 | 11.99 | -59.62 | -34.6 |
| 10040.00 | H | - | - | -69.20 | 13.11 | -56.08 | -31.1 |

Table 7-178. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2535.00 MHz
 OPERATING FREQUENCY (SCC): 2554.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | H | - | - | -71.62 | 10.07 | -61.56 | -36.6 |
| 7605.00 | H | - | - | -70.80 | 12.15 | -58.65 | -33.6 |
| 10140.00 | H | - | - | -70.90 | 13.10 | -57.80 | -32.8 |

Table 7-179. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | | |
|---|---|------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 390 of 421 |



OPERATING FREQUENCY (PCC): 2560.00 MHz
OPERATING FREQUENCY (SCC): 2540.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | H | - | - | -71.50 | 10.10 | -61.40 | -36.4 |
| 7680.00 | H | - | - | -70.36 | 12.15 | -58.20 | -33.2 |
| 10240.00 | H | - | - | -70.63 | 13.10 | -57.53 | -32.5 |

Table 7-180. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 391 of 421 |

Band 41

OPERATING FREQUENCY (PCC): 2506.00 MHz
 OPERATING FREQUENCY (SCC): 2525.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | H | - | - | -68.87 | 10.13 | -58.74 | -33.7 |
| 7518.00 | H | 156 | 78 | -65.97 | 12.03 | -53.95 | -28.9 |
| 10024.00 | H | - | - | -67.84 | 13.13 | -54.71 | -29.7 |
| 12530.00 | H | - | - | -64.53 | 13.18 | -51.35 | -26.4 |
| 15036.00 | H | - | - | -64.99 | 14.01 | -50.97 | -26.0 |

Table 7-181. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2593.00 MHz
 OPERATING FREQUENCY (SCC): 2612.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | H | - | - | -68.11 | 10.30 | -57.81 | -32.8 |
| 7779.00 | H | 103 | 196 | -67.08 | 12.16 | -54.92 | -29.9 |
| 10372.00 | H | - | - | -67.19 | 13.18 | -54.01 | -29.0 |
| 12965.00 | H | - | - | -63.93 | 13.27 | -50.67 | -25.7 |
| 15558.00 | H | - | - | -63.92 | 14.02 | -49.90 | -24.9 |

Table 7-182. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | | |
|---|---|------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 392 of 421 |



OPERATING FREQUENCY (PCC): 2680.00 MHz
OPERATING FREQUENCY (SCC): 2660.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | H | - | - | -68.20 | 10.42 | -57.78 | -32.8 |
| 8040.00 | H | 158 | 75 | -66.98 | 12.49 | -54.49 | -29.5 |
| 10720.00 | H | - | - | -67.12 | 13.20 | -53.92 | -28.9 |
| 13400.00 | H | - | - | -64.64 | 13.78 | -50.86 | -25.9 |
| 16080.00 | H | - | - | -62.82 | 13.51 | -49.31 | -24.3 |

Table 7-183. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 393 of 421 |

7.10.5 ANT 4a (Port-C) Radiated Spurious Emissions Measurements

Band 7

OPERATING FREQUENCY (PCC): 2510.00 MHz
 OPERATING FREQUENCY (SCC): 2529.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | H | - | - | -71.61 | 10.13 | -61.48 | -36.5 |
| 7530.00 | H | - | - | -70.90 | 12.02 | -58.89 | -33.9 |
| 10040.00 | H | - | - | -70.81 | 13.11 | -57.69 | -32.7 |

Table 7-184. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2535.00 MHz
 OPERATING FREQUENCY (SCC): 2554.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | H | - | - | -72.03 | 10.16 | -61.87 | -36.9 |
| 7605.00 | H | - | - | -70.58 | 11.98 | -58.60 | -33.6 |
| 10140.00 | H | - | - | -69.76 | 13.03 | -56.73 | -31.7 |

Table 7-185. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 394 of 421 |



OPERATING FREQUENCY (PCC): 2560.00 MHz
OPERATING FREQUENCY (SCC): 2540.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | H | - | - | -71.75 | 10.22 | -61.53 | -36.5 |
| 7680.00 | H | - | - | -71.03 | 12.06 | -58.97 | -34.0 |
| 10240.00 | H | - | - | -70.11 | 13.05 | -57.05 | -32.1 |

Table 7-186. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 395 of 421 |

Band 41

OPERATING FREQUENCY (PCC): 2506.00 MHz
 OPERATING FREQUENCY (SCC): 2525.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | H | - | - | -68.71 | 10.13 | -58.58 | -33.6 |
| 7518.00 | H | 359 | 133 | -64.58 | 12.03 | -52.56 | -27.6 |
| 10024.00 | H | - | - | -68.01 | 13.13 | -54.88 | -29.9 |
| 12530.00 | H | - | - | -64.35 | 13.18 | -51.17 | -26.2 |
| 15036.00 | H | - | - | -65.04 | 14.01 | -51.02 | -26.0 |

Table 7-187. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2593.00 MHz
 OPERATING FREQUENCY (SCC): 2612.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | H | - | - | -68.32 | 10.30 | -58.02 | -33.0 |
| 7779.00 | H | 104 | 177 | -66.91 | 12.16 | -54.75 | -29.8 |
| 10372.00 | H | - | - | -66.74 | 13.18 | -53.56 | -28.6 |
| 12965.00 | H | - | - | -63.99 | 13.27 | -50.73 | -25.7 |
| 15558.00 | H | - | - | -64.16 | 14.02 | -50.14 | -25.1 |

Table 7-188. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 396 of 421 |



OPERATING FREQUENCY (PCC): 2680.00 MHz
OPERATING FREQUENCY (SCC): 2660.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | H | - | - | -68.13 | 10.42 | -57.71 | -32.7 |
| 8040.00 | H | 107 | 291 | -67.81 | 12.49 | -55.32 | -30.3 |
| 10720.00 | H | - | - | -66.43 | 13.20 | -53.23 | -28.2 |
| 13400.00 | H | - | - | -63.86 | 13.78 | -50.08 | -25.1 |
| 16080.00 | H | - | - | -61.75 | 13.51 | -48.24 | -23.2 |

Table 7-189. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 397 of 421 |

7.10.6 ANT 2a (Port-D) Radiated Spurious Emissions Measurements

Band 7

OPERATING FREQUENCY (PCC): 2510.00 MHz
 OPERATING FREQUENCY (SCC): 2529.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5020.00 | H | - | - | -69.22 | 10.13 | -59.09 | -34.1 |
| 7530.00 | H | - | - | -69.73 | 12.02 | -57.72 | -32.7 |
| 10040.00 | H | - | - | -70.29 | 13.11 | -57.17 | -32.2 |

Table 7-190. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2535.00 MHz
 OPERATING FREQUENCY (SCC): 2554.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5070.00 | H | - | - | -70.11 | 10.16 | -59.95 | -35.0 |
| 7605.00 | H | - | - | -69.49 | 11.98 | -57.51 | -32.5 |
| 10140.00 | H | - | - | -68.95 | 13.03 | -55.92 | -30.9 |

Table 7-191. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | | |
|---|---|------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 398 of 421 |



OPERATING FREQUENCY (PCC): 2560.00 MHz
OPERATING FREQUENCY (SCC): 2540.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5120.00 | H | - | - | -70.84 | 10.22 | -60.62 | -35.6 |
| 7680.00 | H | - | - | -70.83 | 12.06 | -58.77 | -33.8 |
| 10240.00 | H | - | - | -69.46 | 13.05 | -56.40 | -31.4 |

Table 7-192. Radiated Spurious Data (ULCA B7 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 399 of 421 |

Band 41

OPERATING FREQUENCY (PCC): 2506.00 MHz
 OPERATING FREQUENCY (SCC): 2525.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5012.00 | V | - | - | -68.55 | 10.13 | -58.42 | -33.4 |
| 7518.00 | V | 266 | 35 | -64.85 | 12.03 | -52.83 | -27.8 |
| 10024.00 | V | - | - | -67.59 | 13.13 | -54.46 | -29.5 |
| 12530.00 | V | - | - | -64.27 | 13.18 | -51.09 | -26.1 |
| 15036.00 | V | - | - | -65.04 | 14.01 | -51.02 | -26.0 |

Table 7-193. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Low Channel)

OPERATING FREQUENCY (PCC): 2593.00 MHz
 OPERATING FREQUENCY (SCC): 2612.80 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5186.00 | V | - | - | -68.35 | 10.30 | -58.05 | -33.1 |
| 7779.00 | V | 250 | 15 | -62.58 | 12.16 | -50.42 | -25.4 |
| 10372.00 | V | - | - | -66.60 | 13.18 | -53.42 | -28.4 |
| 12965.00 | V | - | - | -64.34 | 13.27 | -51.08 | -26.1 |
| 15558.00 | V | - | - | -63.48 | 14.02 | -49.46 | -24.5 |

Table 7-194. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 99, SCC: RB 1 Offset 0 – Mid Channel)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 400 of 421 |



OPERATING FREQUENCY (PCC): 2680.00 MHz
OPERATING FREQUENCY (SCC): 2660.20 MHz
MODULATION SIGNAL: QPSK
BANDWIDTH: 20.0 MHz
DISTANCE: 3 meters
LIMIT: -25 dBm

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Level at Antenna Terminals [dBm] | Substitute Antenna Gain [dBi] | Spurious Emission Level [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------------------------------|-------------|
| 5360.00 | V | - | - | -68.49 | 10.42 | -58.07 | -33.1 |
| 8040.00 | V | 248 | 25 | -64.73 | 12.49 | -52.24 | -27.2 |
| 10720.00 | V | - | - | -66.50 | 13.20 | -53.30 | -28.3 |
| 13400.00 | V | - | - | -64.30 | 13.78 | -50.52 | -25.5 |
| 16080.00 | V | - | - | -61.62 | 13.51 | -48.11 | -23.1 |

Table 7-195. Radiated Spurious Data (ULCA B41 PCC: RB 1 Offset 0, SCC: RB 1 Offset 99 – High Channel)

| | | | | |
|---|---|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | | Page 401 of 421 |

7.11 Frequency Stability / Temperature Variation

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI/TIA-603-E-2016. The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 22, the frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency. For Part 24, Part 27, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI/TIA-603-E-2016

Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

Test Setup

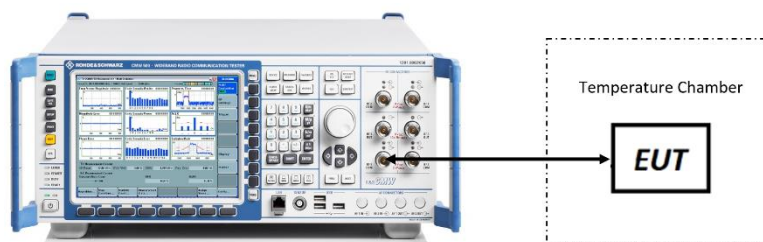


Figure 7-11. Test Instrument & Measurement Setup

Test Notes

1. All ports were tested and only the worst case data were reported.
2. Refer to Table 2-1 Section 2.3 of this test report for correlation between Antennas and Ports.

| | | | |
|---|---|----------------------------|---------------------------------|
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Band 71 Frequency Stability Measurements

OPERATING FREQUENCY: 680,500,000 Hz

CHANNEL: 133297

REFERENCE VOLTAGE: 3.80 VDC

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 680,500,004 | 4 | 0.0000006 |
| 100 % | | - 20 | 680,500,004 | 4 | 0.0000006 |
| 100 % | | - 10 | 680,500,004 | 4 | 0.0000007 |
| 100 % | | 0 | 680,500,005 | 5 | 0.0000007 |
| 100 % | | + 10 | 680,500,005 | 5 | 0.0000008 |
| 100 % | | + 20 | 680,500,004 | 4 | 0.0000006 |
| 100 % | | + 30 | 680,500,004 | 4 | 0.0000006 |
| 100 % | | + 40 | 680,500,005 | 5 | 0.0000008 |
| 100 % | | + 50 | 680,500,004 | 4 | 0.0000006 |
| BATT. ENDPOINT | 3.20 | + 20 | 680,500,003 | 3 | 0.0000004 |

Table 7-196. Frequency Stability Data (Band 71)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 71 Frequency Stability Measurements

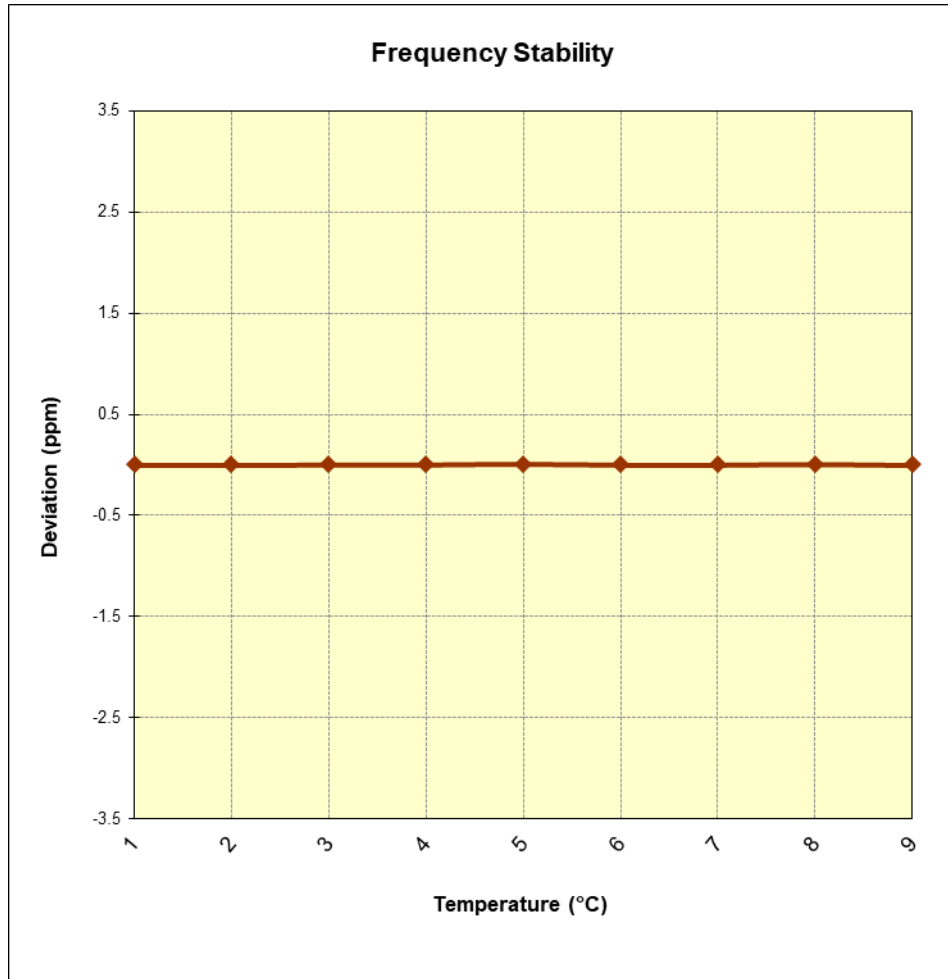


Figure 7-12. Frequency Stability Graph (Band 71)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 12/17 Frequency Stability Measurements

OPERATING FREQUENCY: 707,500,000 Hz
 CHANNEL: 23790
 REFERENCE VOLTAGE: 3.80 VDC

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 707,500,005 | 5 | 0.0000007 |
| 100 % | | - 20 | 707,500,005 | 5 | 0.0000006 |
| 100 % | | - 10 | 707,500,004 | 4 | 0.0000006 |
| 100 % | | 0 | 707,500,005 | 5 | 0.0000007 |
| 100 % | | + 10 | 707,500,004 | 4 | 0.0000005 |
| 100 % | | + 20 | 707,499,996 | -4 | -0.0000005 |
| 100 % | | + 30 | 707,500,003 | 3 | 0.0000005 |
| 100 % | | + 40 | 707,500,004 | 4 | 0.0000006 |
| 100 % | | + 50 | 707,500,004 | 4 | 0.0000006 |
| BATT. ENDPOINT | 3.20 | + 20 | 707,500,002 | 2 | 0.0000003 |

Table 7-197. Frequency Stability Data (Band 12/17)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 12/17 Frequency Stability Measurements

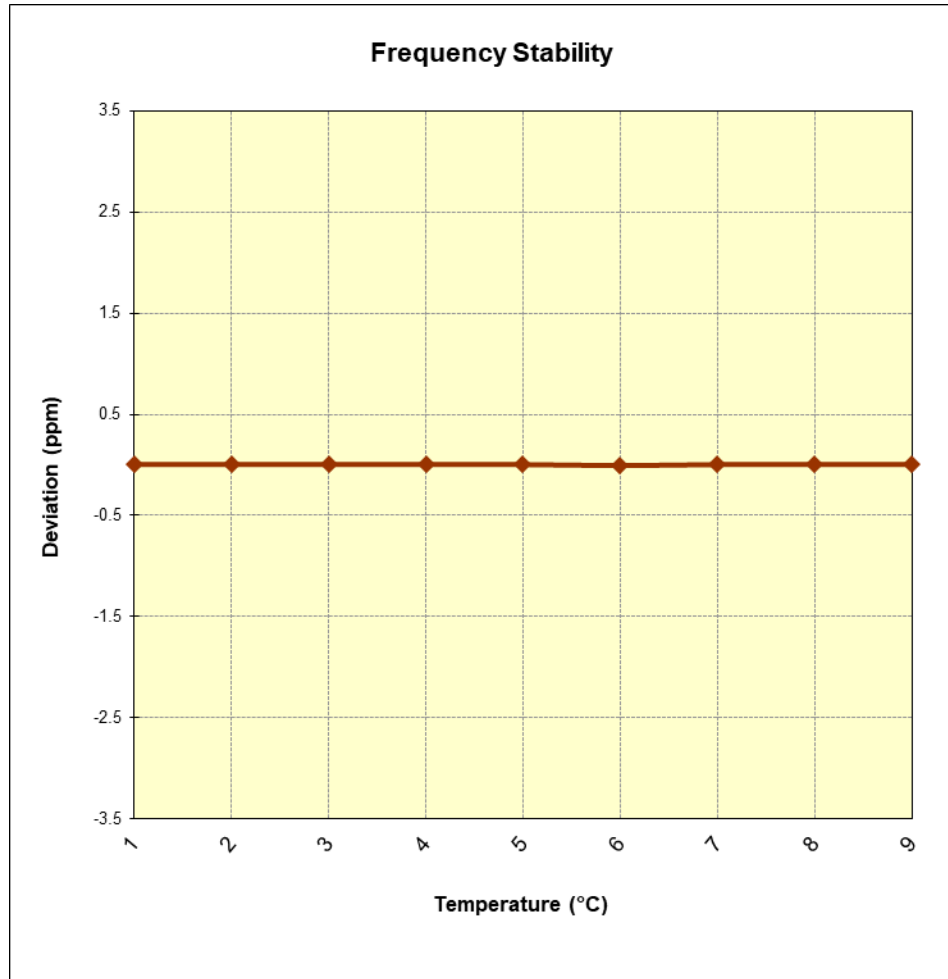


Figure 7-13. Frequency Stability Graph (Band 12/17)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 13 Frequency Stability Measurements

OPERATING FREQUENCY: 782,000,000 Hz

CHANNEL: 23230

REFERENCE VOLTAGE: 3.80 VDC

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 781,999,996 | -4 | -0.0000005 |
| 100 % | | - 20 | 781,999,996 | -4 | -0.0000005 |
| 100 % | | - 10 | 782,000,004 | 4 | 0.0000005 |
| 100 % | | 0 | 782,000,003 | 3 | 0.0000004 |
| 100 % | | + 10 | 782,000,004 | 4 | 0.0000006 |
| 100 % | | + 20 | 782,000,004 | 4 | 0.0000006 |
| 100 % | | + 30 | 782,000,004 | 4 | 0.0000005 |
| 100 % | | + 40 | 782,000,005 | 5 | 0.0000007 |
| 100 % | | + 50 | 782,000,005 | 5 | 0.0000007 |
| BATT. ENDPOINT | 3.20 | + 20 | 782,000,004 | 4 | 0.0000005 |

Table 7-198. Frequency Stability Data (Band 13)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 13 Frequency Stability Measurements

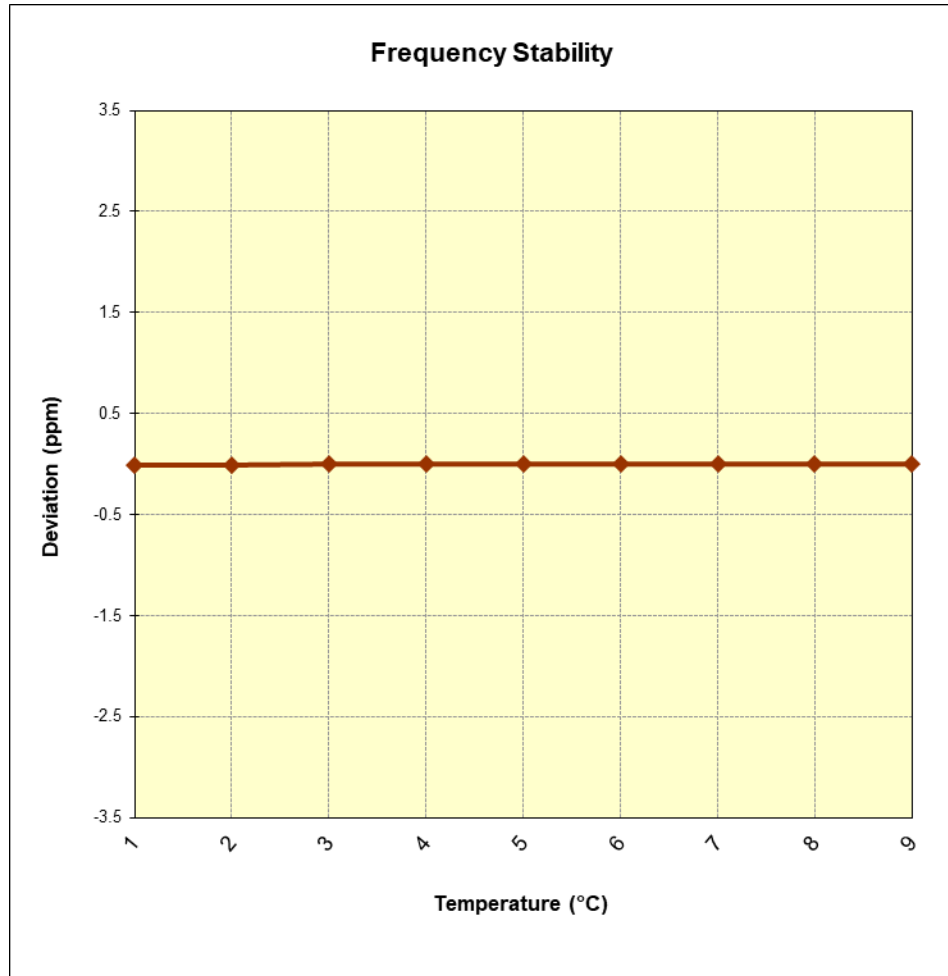


Figure 7-14. Frequency Stability Graph (Band 13)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 26/5 Frequency Stability Measurements

OPERATING FREQUENCY: 836,500,000 Hz

CHANNEL: 26865

REFERENCE VOLTAGE: 3.80 VDC

DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 836,500,005 | 5 | 0.0000006 |
| 100 % | | - 20 | 836,500,004 | 4 | 0.0000005 |
| 100 % | | - 10 | 836,500,004 | 4 | 0.0000005 |
| 100 % | | 0 | 836,500,004 | 4 | 0.0000005 |
| 100 % | | + 10 | 836,500,005 | 5 | 0.0000006 |
| 100 % | | + 20 | 836,500,005 | 5 | 0.0000006 |
| 100 % | | + 30 | 836,500,006 | 6 | 0.0000007 |
| 100 % | | + 40 | 836,500,004 | 4 | 0.0000005 |
| 100 % | | + 50 | 836,500,004 | 4 | 0.0000005 |
| BATT. ENDPOINT | 3.20 | + 20 | 836,500,006 | 6 | 0.0000007 |

Table 7-199. Frequency Stability Data (Band 26/5)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
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Band 26/5 Frequency Stability Measurements

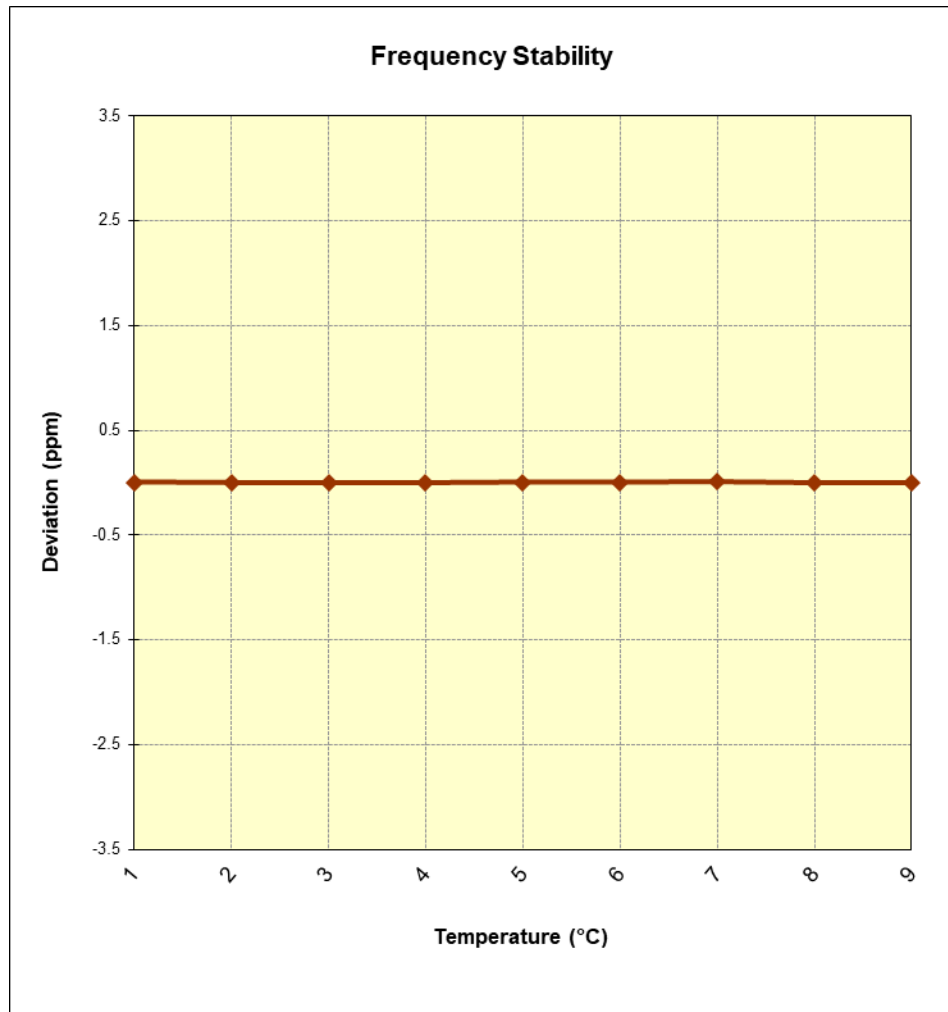


Figure 7-15. Frequency Stability Graph (Band 26/5)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 66/4 Frequency Stability Measurements

OPERATING FREQUENCY: 1,745,000,000 Hz

CHANNEL: 132322

REFERENCE VOLTAGE: 3.80 VDC

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 1,745,000,008 | 8 | 0.0000004 |
| 100 % | | - 20 | 1,745,000,007 | 7 | 0.0000004 |
| 100 % | | - 10 | 1,745,000,007 | 7 | 0.0000004 |
| 100 % | | 0 | 1,745,000,008 | 8 | 0.0000005 |
| 100 % | | + 10 | 1,745,000,008 | 8 | 0.0000005 |
| 100 % | | + 20 | 1,745,000,006 | 6 | 0.0000004 |
| 100 % | | + 30 | 1,745,000,006 | 6 | 0.0000003 |
| 100 % | | + 40 | 1,745,000,008 | 8 | 0.0000005 |
| 100 % | | + 50 | 1,745,000,009 | 9 | 0.0000005 |
| BATT. ENDPOINT | 3.20 | + 20 | 1,745,000,003 | 3 | 0.0000002 |

Table 7-200. Frequency Stability Data (Band 66/4)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 66/4 Frequency Stability Measurements

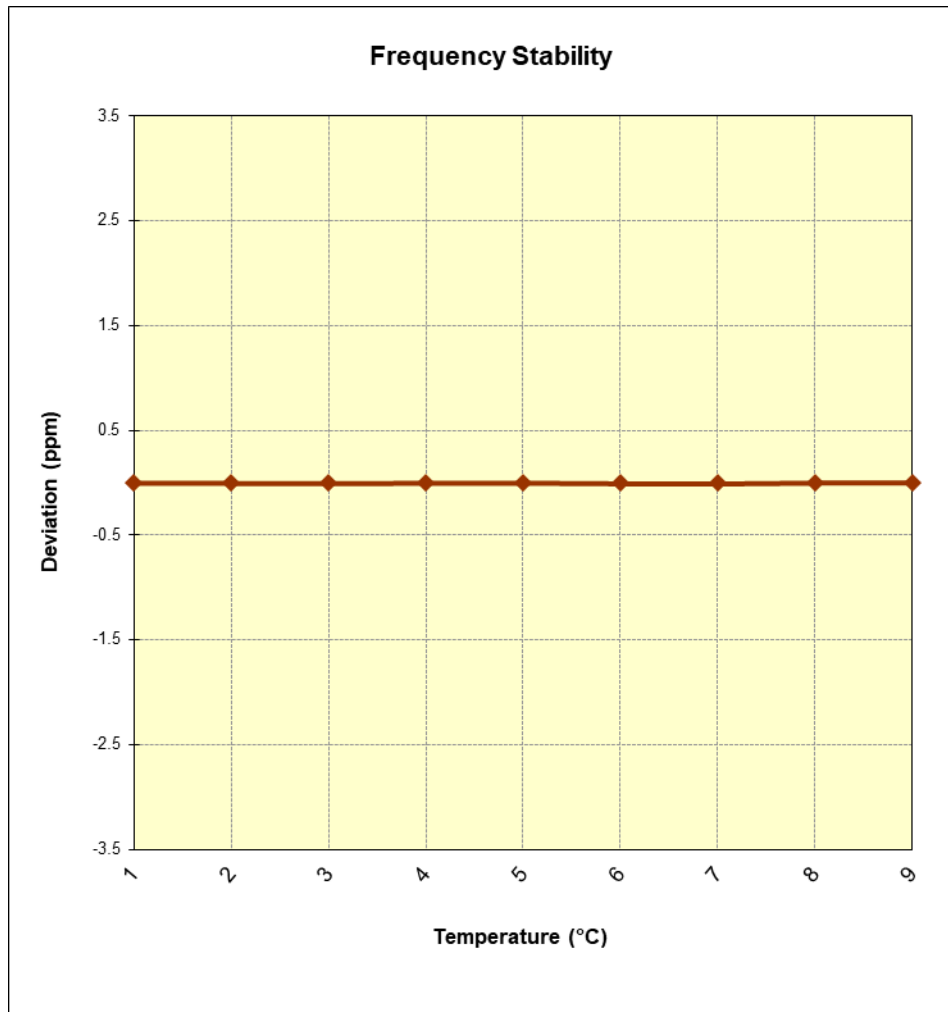


Figure 7-16. Frequency Stability Graph (Band 66/4)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 25/2 Frequency Stability Measurements

OPERATING FREQUENCY: 1,882,500,000 Hz

CHANNEL: 26365

REFERENCE VOLTAGE: 3.80 VDC

DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 1,882,500,008 | 8 | 0.0000004 |
| 100 % | | - 20 | 1,882,500,009 | 9 | 0.0000005 |
| 100 % | | - 10 | 1,882,500,008 | 8 | 0.0000004 |
| 100 % | | 0 | 1,882,500,008 | 8 | 0.0000004 |
| 100 % | | + 10 | 1,882,500,007 | 7 | 0.0000004 |
| 100 % | | + 20 | 1,882,500,007 | 7 | 0.0000004 |
| 100 % | | + 30 | 1,882,500,007 | 7 | 0.0000003 |
| 100 % | | + 40 | 1,882,500,007 | 7 | 0.0000004 |
| 100 % | | + 50 | 1,882,500,008 | 8 | 0.0000004 |
| BATT. ENDPOINT | 3.20 | + 20 | 1,882,500,005 | 5 | 0.0000003 |

Table 7-201. Frequency Stability Data (Band 25/2)

| | | | |
|---|---|----------------------------|---------------------------------|
| FCC ID: BCGA2068 |  MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
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Band 25/2 Frequency Stability Measurements

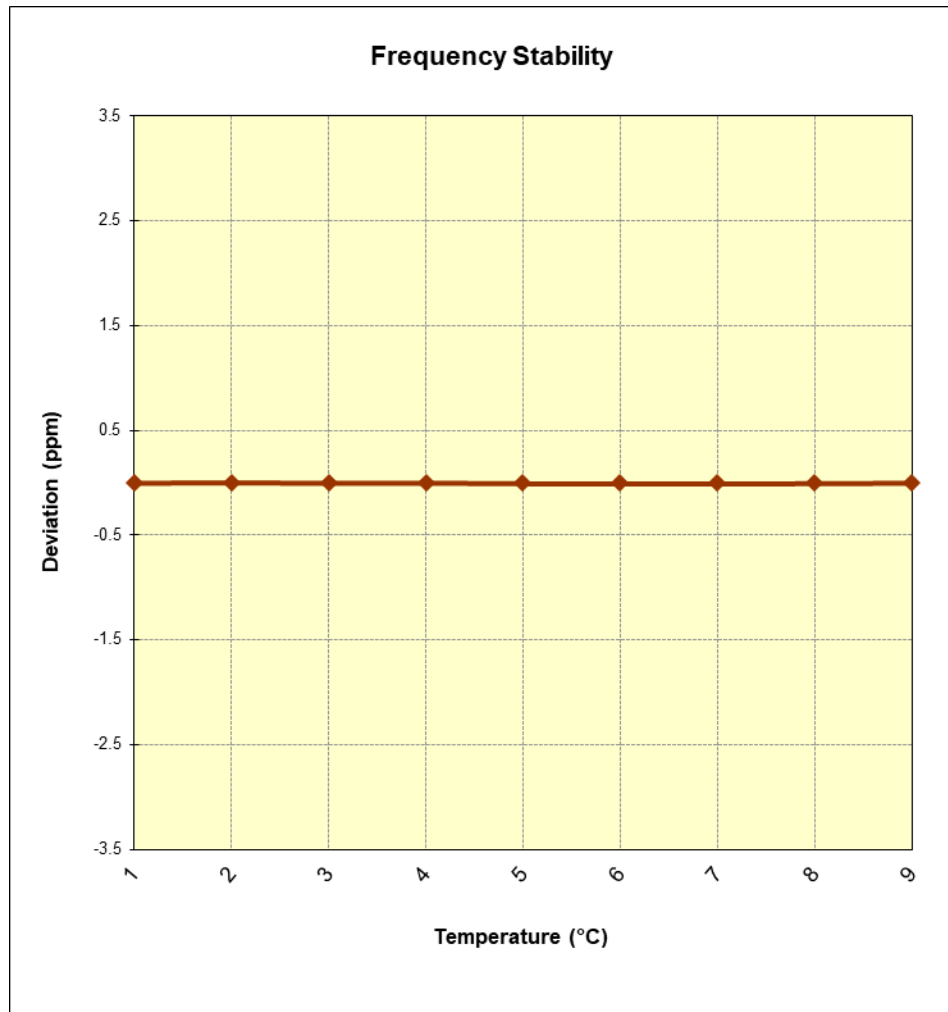


Figure 7-17. Frequency Stability Graph (Band 25/2)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 414 of 421 |

Band 30 Frequency Stability Measurements

OPERATING FREQUENCY: 2,310,000,000 Hz

CHANNEL: 27710

REFERENCE VOLTAGE: 3.80 VDC

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 2,310,000,012 | 12 | 0.0000005 |
| 100 % | | - 20 | 2,310,000,013 | 13 | 0.0000005 |
| 100 % | | - 10 | 2,310,000,012 | 12 | 0.0000005 |
| 100 % | | 0 | 2,310,000,011 | 11 | 0.0000005 |
| 100 % | | + 10 | 2,310,000,013 | 13 | 0.0000005 |
| 100 % | | + 20 | 2,310,000,009 | 9 | 0.0000004 |
| 100 % | | + 30 | 2,310,000,010 | 10 | 0.0000004 |
| 100 % | | + 40 | 2,310,000,009 | 9 | 0.0000004 |
| 100 % | | + 50 | 2,310,000,010 | 10 | 0.0000005 |
| BATT. ENDPOINT | 3.20 | + 20 | 2,310,000,011 | 11 | 0.0000005 |

Table 7-202. Frequency Stability Data (Band 30)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 30 Frequency Stability Measurements

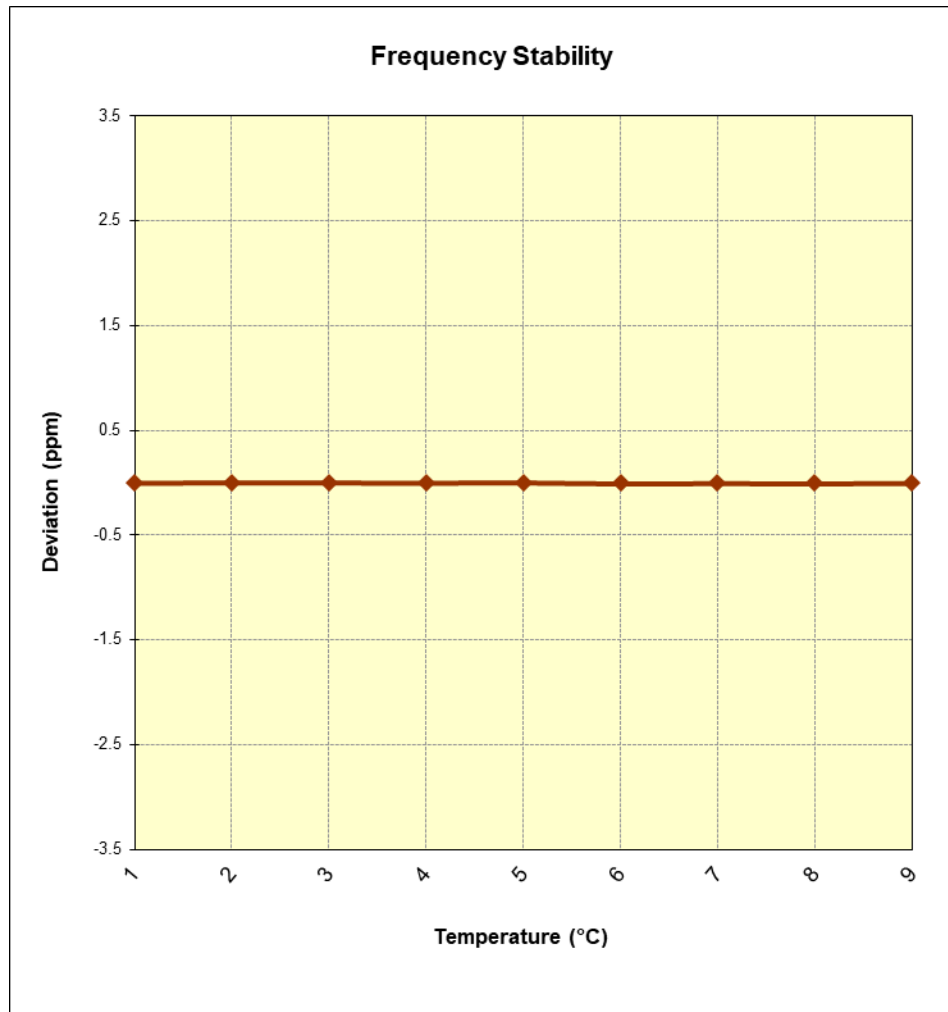


Figure 7-18. Frequency Stability Graph (Band 30)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 416 of 421 |

Band 7 Frequency Stability Measurements

| | | |
|----------------------|---------------|-----|
| OPERATING FREQUENCY: | 2,535,000,000 | Hz |
| CHANNEL: | 21100 | |
| REFERENCE VOLTAGE: | 3.80 | VDC |

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 2,535,000,011 | 11 | 0.0000004 |
| 100 % | | - 20 | 2,535,000,010 | 10 | 0.0000004 |
| 100 % | | - 10 | 2,535,000,011 | 11 | 0.0000004 |
| 100 % | | 0 | 2,535,000,011 | 11 | 0.0000004 |
| 100 % | | + 10 | 2,535,000,010 | 10 | 0.0000004 |
| 100 % | | + 20 | 2,535,000,011 | 11 | 0.0000004 |
| 100 % | | + 30 | 2,535,000,011 | 11 | 0.0000004 |
| 100 % | | + 40 | 2,535,000,011 | 11 | 0.0000004 |
| 100 % | | + 50 | 2,535,000,011 | 11 | 0.0000004 |
| BATT. ENDPOINT | 3.20 | + 20 | 2,535,000,009 | 9 | 0.0000004 |

Table 7-203. Frequency Stability Data (Band 7)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 417 of 421 |

Band 7 Frequency Stability Measurements

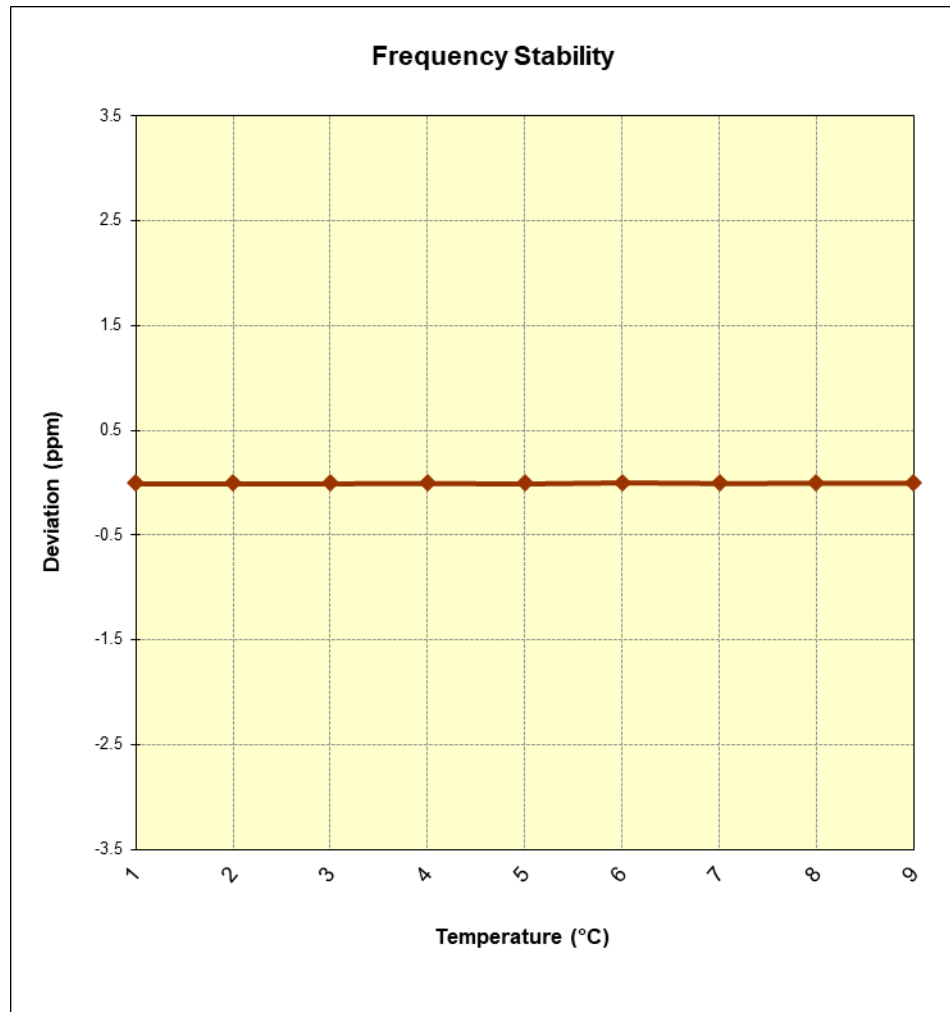


Figure 7-19. Frequency Stability Graph (Band 7)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 418 of 421 |

Band 41 Frequency Stability Measurements

OPERATING FREQUENCY: 2,593,000,000 Hz

CHANNEL: 40620

REFERENCE VOLTAGE: 3.80 VDC

| VOLTAGE (%) | POWER (VDC) | TEMP (°C) | FREQUENCY (Hz) | Freq. Dev. (Hz) | Deviation (%) |
|----------------|-------------|-----------|----------------|-----------------|---------------|
| 100 % | 3.80 | - 30 | 2,593,000,020 | 20 | 0.0000008 |
| 100 % | | - 20 | 2,593,000,020 | 20 | 0.0000008 |
| 100 % | | - 10 | 2,593,000,019 | 19 | 0.0000007 |
| 100 % | | 0 | 2,593,000,020 | 20 | 0.0000008 |
| 100 % | | + 10 | 2,593,000,016 | 16 | 0.0000006 |
| 100 % | | + 20 | 2,593,000,015 | 15 | 0.0000006 |
| 100 % | | + 30 | 2,593,000,017 | 17 | 0.0000006 |
| 100 % | | + 40 | 2,593,000,018 | 18 | 0.0000007 |
| 100 % | | + 50 | 2,593,000,018 | 18 | 0.0000007 |
| BATT. ENDPOINT | 3.20 | + 20 | 2,593,000,022 | 22 | 0.0000008 |

Table 7-204. Frequency Stability Data (Band 41)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

| | | | |
|---|---|---------------------------------------|---------------------------------|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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Band 41 Frequency Stability Measurements

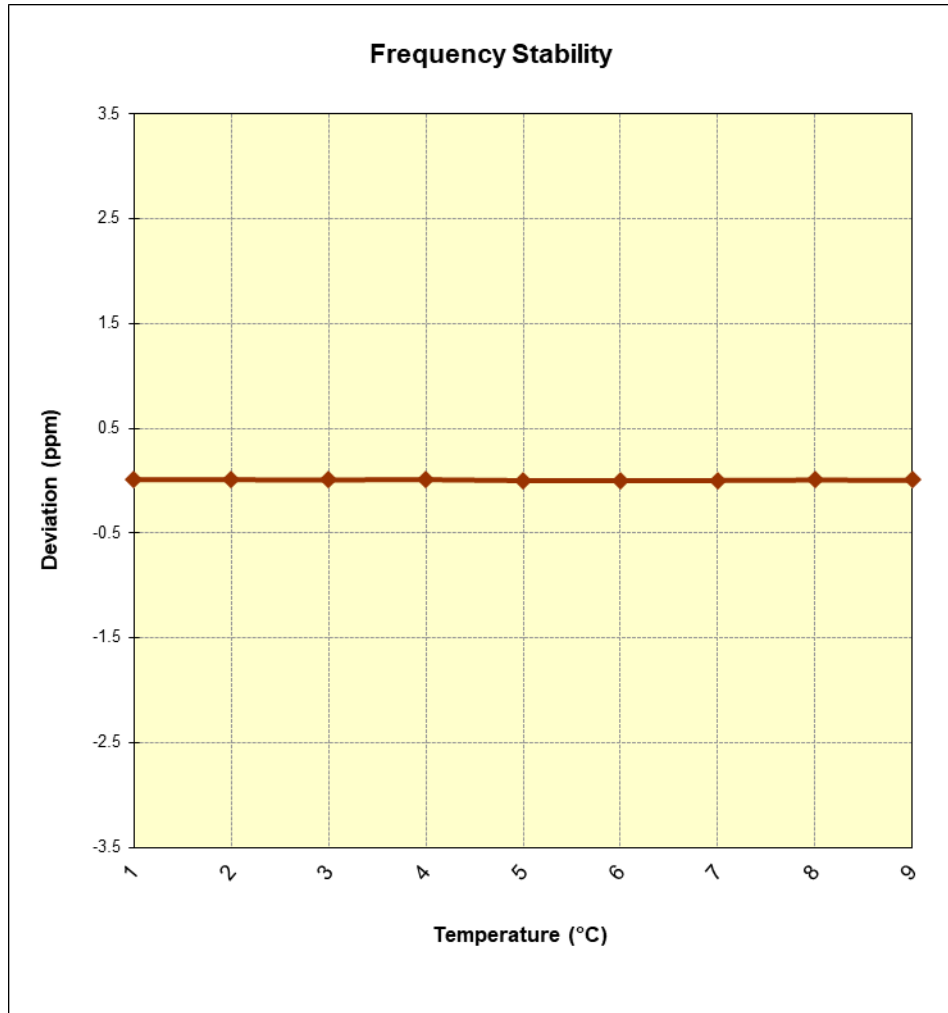


Figure 7-20. Frequency Stability Graph (Band 41)

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2068** complies with all the requirements of Part 22, 24, & 27 of the FCC Rules for LTE operation only.

| | | | |
|--|---|---|--|
| FCC ID: BCGA2068 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
| Test Report S/N: 1C1912170051-03.BCG | Test Dates: 12/10/2019 - 02/11/2020 | EUT Type: Tablet Device | Page 421 of 421 |