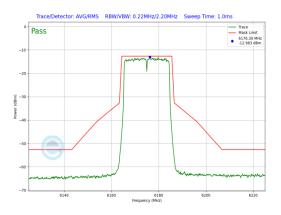
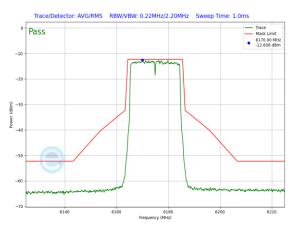


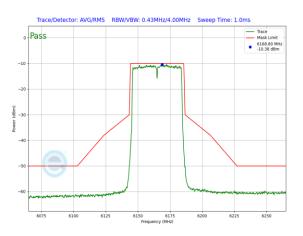
Low Data Rate



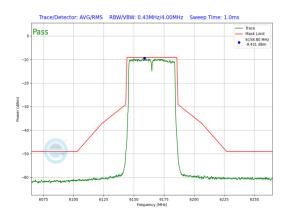
Plot 7-1251. SP In-Band Emission Plot SDM Diversity Antenna WF2a (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



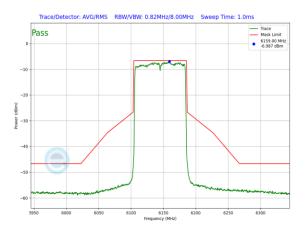
Plot 7-1252. SP In-Band Emission Plot SDM Diversity Antenna WF7b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



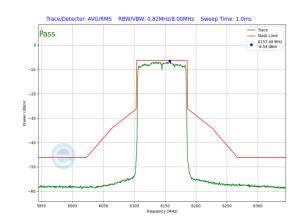
Plot 7-1253. SP In-Band Emission Plot SDM Diversity Antenna WF2a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



Plot 7-1254. SP In-Band Emission Plot SDM Diversity Antenna WF7b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



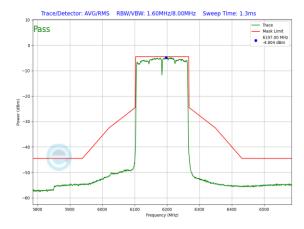
Plot 7-1255. SP In-Band Emission Plot SDM Diversity Antenna WF2a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



Plot 7-1256. SP In-Band Emission Plot SDM Diversity Antenna WF7b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)

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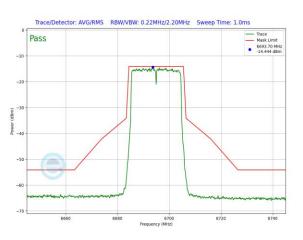




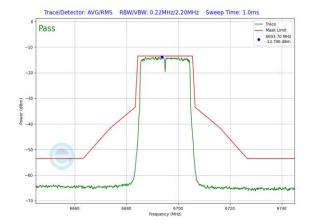




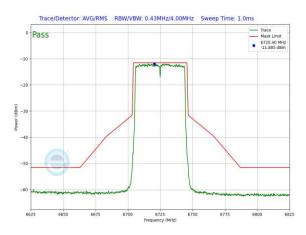
Plot 7-1258. SP In-Band Emission Plot SDM Diversity Antenna WF7b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)



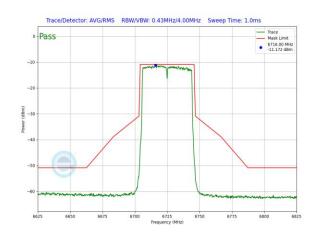
Plot 7-1259. SP In-Band Emission Plot SDM Diversity Antenna WF2a (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)



Plot 7-1260. SP In-Band Emission Plot SDM Diversity Antenna WF7b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)



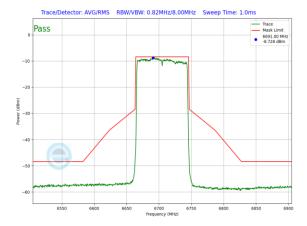
Plot 7-1261. SP In-Band Emission Plot SDM Diversity Antenna WF2a (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



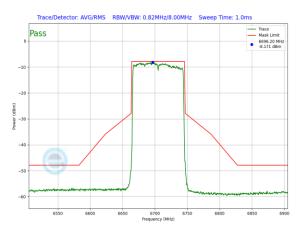
Plot 7-1262. SP In-Band Emission Plot SDM Diversity Antenna WF7b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
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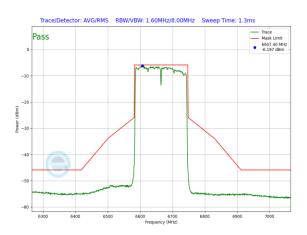
Plot 7-1263. SP In-Band Emission Plot SDM Diversity Antenna WF2a (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-1264. SP In-Band Emission Plot SDM Diversity Antenna WF7b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-1265. SP In-Band Emission Plot SDM Diversity Antenna WF2a (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

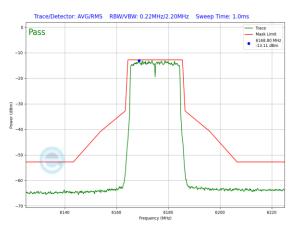


Plot 7-1266. SP In-Band Emission Plot SDM Diversity Antenna WF7b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

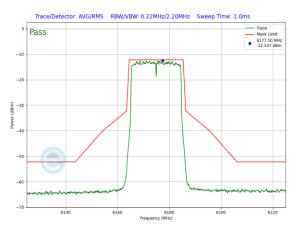
| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
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| Test Report S/N: | Test Dates: | EUT Type: | Dogo 264 of EE2 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 364 of 552 |
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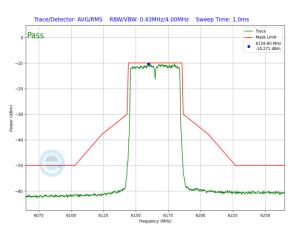
Mid Data Rate



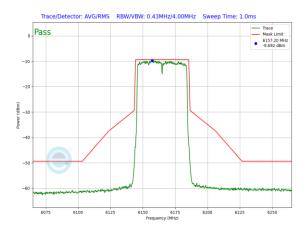




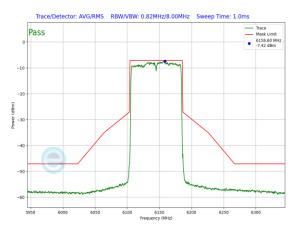
Plot 7-1268. SP In-Band Emission Plot SDM Diversity Antenna WF7b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



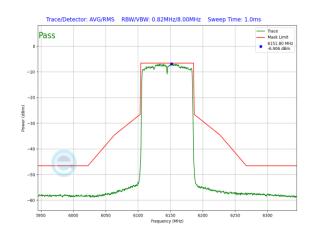
Plot 7-1269. SP In-Band Emission Plot SDM Diversity Antenna WF2a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)



Plot 7-1270. SP In-Band Emission Plot SDM Diversity Antenna WF7b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)



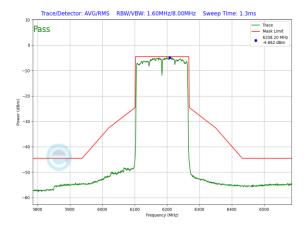
Plot 7-1271. SP In-Band Emission Plot SDM Diversity Antenna WF2a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



Plot 7-1272. SP In-Band Emission Plot SDM Diversity Antenna WF7b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)

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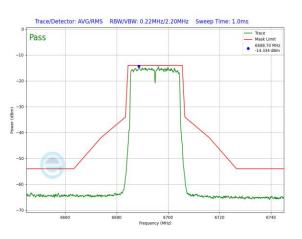




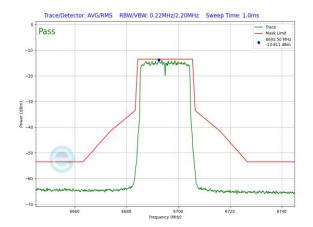
Plot 7-1273. SP In-Band Emission Plot SDM Diversity Antenna WF2a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)



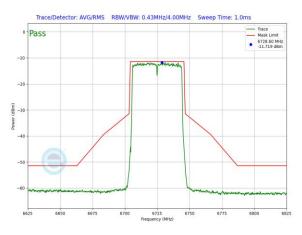
Plot 7-1274. SP In-Band Emission Plot SDM Diversity Antenna WF7b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)



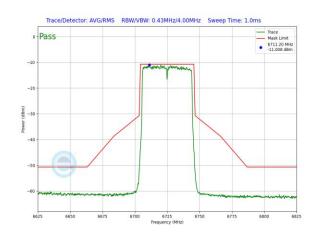
Plot 7-1275. SP In-Band Emission Plot SDM Diversity Antenna WF2a (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)



Plot 7-1276. SP In-Band Emission Plot SDM Diversity Antenna WF7b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)



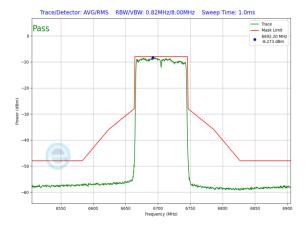
Plot 7-1277. SP In-Band Emission Plot SDM Diversity Antenna WF2a (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



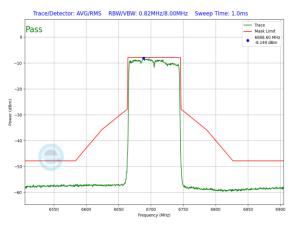


| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
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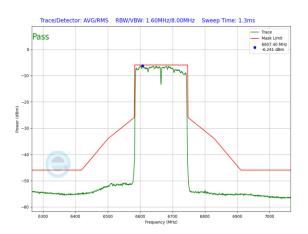
Plot 7-1279. SP In-Band Emission Plot SDM Diversity Antenna WF2a (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-1280. SP In-Band Emission Plot SDM Diversity Antenna WF7b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-1281. SP In-Band Emission Plot SDM Diversity Antenna WF2a (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

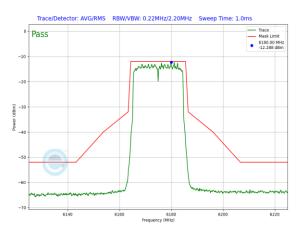


Plot 7-1282. SP In-Band Emission Plot SDM Diversity Antenna WF7b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

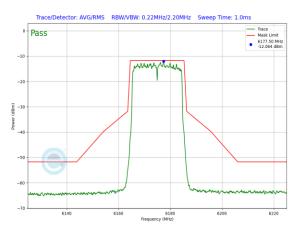
| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
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| Test Report S/N: | Test Dates: | EUT Type: | Dogo 267 of 552 |
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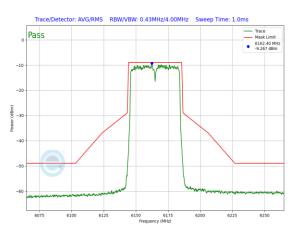
High Data Rate



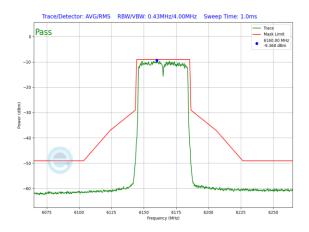




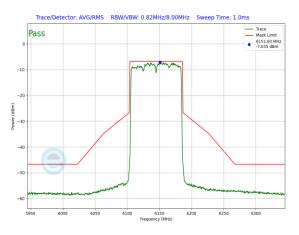
Plot 7-1284. SP In-Band Emission Plot SDM Diversity Antenna WF7b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



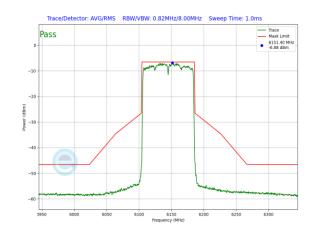
Plot 7-1285. SP In-Band Emission Plot SDM Diversity Antenna WF2a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



Plot 7-1286. SP In-Band Emission Plot SDM Diversity Antenna WF7b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



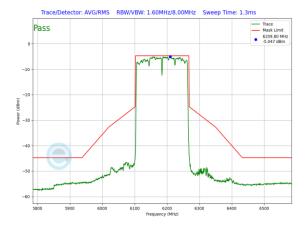
Plot 7-1287. SP In-Band Emission Plot SDM Diversity Antenna WF2a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



Plot 7-1288. SP In-Band Emission Plot SDM Diversity Antenna WF7b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)

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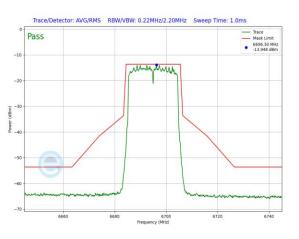




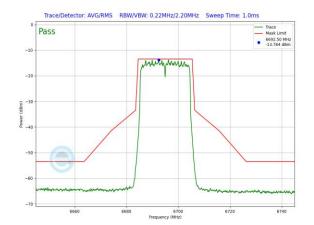
Plot 7-1289. SP In-Band Emission Plot SDM Diversity Antenna WF2a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



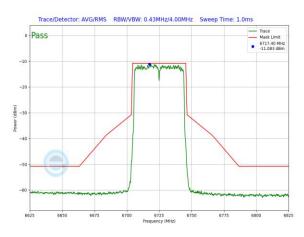
Plot 7-1290. SP In-Band Emission Plot SDM Diversity Antenna WF7b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



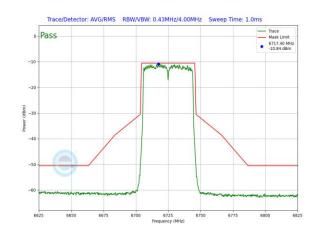
Plot 7-1291. SP In-Band Emission Plot SDM Diversity Antenna WF2a (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-1292. SP In-Band Emission Plot SDM Diversity Antenna WF7b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



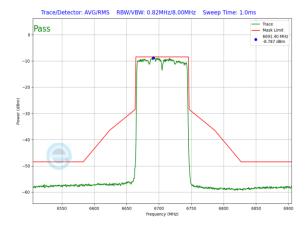
Plot 7-1293. SP In-Band Emission Plot SDM Diversity Antenna WF2a (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-1294. SP In-Band Emission Plot SDM Diversity Antenna WF7b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)

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Plot 7-1295. SP In-Band Emission Plot SDM Diversity Antenna WF2a (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-1296. SP In-Band Emission Plot SDM Diversity Antenna WF7b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-1297. SP In-Band Emission Plot SDM Diversity Antenna WF2a (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)



Plot 7-1298. SP In-Band Emission Plot SDM Diversity Antenna WF7b (160MHz

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7.6 Contention Based Protocol – 802.11a/ax(SU) §15.407(d)(6), RSS-248 [4.8]

Test Overview and Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed LPI devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, LPI devices must detect RF energy throughout their intended operating channel.

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2 KDB 987594 D02 v02r01

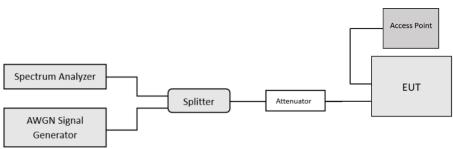
Test Settings

- 1. Configure the EUT to transmit with a constant duty cycle.
- 2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth
- 3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
- 4. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
- 5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
- Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
- Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
- 8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
- Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
- 10. Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
- 11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

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Test Setup





Test Notes

- 1. The EUT does not support channel puncturing.
- 2. Per guidance from KDB 987594 D02 v02r01, contention-based protocol was tested using an AWGN signal with a bandwidth of 10MHz. The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
- 3. Per KDB 987594 D04 v02, contention-based protocol was tested with receiver with the lowest antenna gain.
- 4. 15 trials were ran in order to assure that at least 90% of certainty was met.

Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Equation 7-1. Incumbent Detection Level Calculation

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| Band | Channel | Channel Frquency [MHz] | Channel BW [MHz] | Incumbent Frequency [MHz] | Injected (AWGN) [dBm] | Antenna Gain [dBi] | Adjusted Power Level [dBm] | Detection Limit [dBm] | Margin [dB] |
|--------|---------|------------------------------|---------------------|---------------------------------|-----------------------------|-----------------------|-------------------------------------|-----------------------------|----------------|
| | 53 | 6215 | 20 | 6215 | -70.94 | -4.70 | -68.84 | -62.0 | -6.84 |
| UNII | | | | 6110 | -67.89 | -4.70 | -65.79 | -62.0 | -3.79 |
| Band 5 | 47 | 6185 | 160 | 6185 | -67.83 | -4.70 | -65.73 | -62.0 | -3.73 |
| | | | | 6260 | -67.91 | -4.70 | -65.81 | -62.0 | -3.81 |
| | 101 | 6455 | 20 | 6455 | -67.80 | -4.70 | -65.70 | -62.0 | -3.70 |
| UNII | | | | 6430 | -67.59 | -4.70 | -65.49 | -62.0 | -3.49 |
| Band 6 | 111 | 6505 | 160 | 6505 | -67.65 | -4.70 | -65.55 | -62.0 | -3.55 |
| | | | | 6580 | -67.77 | -4.70 | -65.67 | -62.0 | -3.67 |
| | 149 | 6695 | 20 | 6695 | -68.80 | -4.70 | -66.70 | -62.0 | -4.70 |
| UNII | | | | 6590 | -67.79 | -4.70 | -65.69 | -62.0 | -3.69 |
| Band 7 | 143 | 6665 | 160 | 6665 | -67.51 | -4.70 | -65.41 | -62.0 | -3.41 |
| | | | | 6740 | -67.46 | -4.70 | -65.36 | -62.0 | -3.36 |
| | 197 | 6935 | 20 | 6935 | -69.00 | -4.70 | -66.90 | -62.0 | -4.90 |
| UNII | | | | 6910 | -67.61 | -4.70 | -65.51 | -62.0 | -3.51 |
| Band 8 | 207 | 6985 | 160 | 6985 | -67.79 | -4.70 | -65.69 | -62.0 | -3.69 |
| | | | | 7060 | -67.77 | -4.70 | -65.67 | -62.0 | -3.67 |

Table 7-161. Contention Based Protocol – Incumbent Detection Results

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕒 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 373 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 373 01 552 | |
| | | | V 10.5 12/15/2021 | |



| Band | Channel | Channel Frquency [MHz] | Channel BW [MHz] | Incumbent Frequency [MHz] | EUT Transmission Status Adjusted AWGN Power (dBm) | | |
|--------|-----------|------------------------------|---------------------|---------------------------------|--|---------|--------|
| | | | | | Normal | Minimal | Ceased |
| - | 53 | 6215 | 20 | 6215 | -79.84 | -70.15 | -68.84 |
| UNII | | | | 6110 | -76.79 | -67.53 | -65.79 |
| Band 5 | Band 5 47 | 6185 | 160 | 6185 | -76.73 | -66.89 | -65.73 |
| | | | | 6260 | -76.81 | -67.32 | -65.81 |
| | 101 | 6455 | 20 | 6455 | -76.70 | -67.13 | -65.70 |
| UNII | | | | 6430 | -76.49 | -66.97 | -65.49 |
| Band 6 | 111 | 6505 | 160 | 6505 | -76.55 | -67.18 | -65.55 |
| | | | | 6580 | -76.67 | -67.29 | -65.67 |
| | 149 | 6695 | 20 | 6695 | -77.70 | -68.30 | -66.70 |
| UNII | | | | 6750 | -76.69 | -67.35 | -65.69 |
| Band 7 | 175 | 6665 | 160 | 6825 | -76.41 | -67.24 | -65.41 |
| | | | | 6900 | -76.36 | -67.51 | -65.36 |
| | 197 | 6935 | 20 | 6935 | -77.90 | -68.21 | -66.90 |
| UNII | | | | 6910 | -76.51 | -67.94 | -65.51 |
| Band 8 | 207 | 6985 | 160 | 6985 | -76.69 | -67.69 | -65.69 |
| | | | | 7060 | -76.67 | -67.93 | -65.67 |

Table 7-162. Contention Based Protocol – Detection Results – All Tx Cases

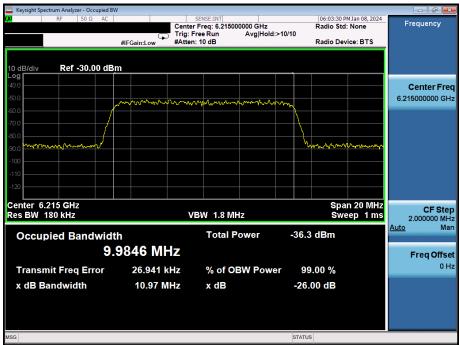
| | | | | | | | | | CBP Detectio | n (1 = Detecti | on, Blank = No | Detection) | | | | | | | | | |
|--------|---------|------------------------------|---------------------|---|---|---|---|---|--------------|----------------|----------------|------------|----|----|----|----|----|----|--------------------------|--------------|-----------|
| Band | Channel | Channel Frquency [MHz] | Channel BW [MHz] | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Detection Rate [%] | Limit [%] | Pass/Fail |
| | 53 | 6215 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| UNII | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| Band 5 | 47 | 6185 | 160 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | 101 | 6455 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| UNII | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| Band 6 | 111 | 6505 | 160 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | 149 | 6695 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| UNII | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| Band 7 | 175 | 6665 | 160 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | | | [[| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | 197 | 6935 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| UNII | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| Band 8 | 207 | 6985 | 160 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |
| | | | I [| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100.0 | 90 | Pass |

Table 7-163. Contention Based Protocol – Incumbent Detection Trial Results

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 274 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 374 of 552 |
| | | | V 10.5 12/15/2021 |



AWGN Plots



Plot 7-1299. AWGN Signal – UNII 5 – 20MHz



Plot 7-1300. AWGN Signal - UNII 5 - 160MHz - Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element | Approved by: Technical Manager | |
|------------------------------------|------------------------|-----------------------------------|--------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 275 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 375 of 552 |
| | | | V/ 10 5 12/15/2021 |



| Keysight Spectrum Analyzer - Occupied BW | |
|---|---|
| M RF 50 Ω AC SENSE:INT Center Freq 6.185000000 GHz Center Freq: 6.185000000 GHz | 07:59:47 PM Jan 08, 2024 Radio Std: None Frequency |
| Trig: Free Run Avg Hold:>10/10 | |
| #IFGain:Low #Atten: 0 dB | Radio Device: BTS |
| 10 dB/div Ref -30.00 dBm | |
| 40.0 | Center Freq |
| -50.0 | 6.185000000 GHz |
| -000 000 000 000 000 000 000 000 000 00 | |
| -70.0 | |
| -80.0 | |
| .90.0 | |
| -100 minument | hannanna |
| -110 | |
| -120 | |
| | |
| Center 6.185 GHz Res BW 180 kHz VBW 1.8 MHz | Span 20 MHz CF Step Sweep 1 ms 2.000000 MHz |
| Occupied Bandwidth Total Power -3 | 6.0 dBm |
| 9.9347 MHz | |
| 9.9347 WIFIZ | Freq Offset |
| Transmit Freq Error 36.001 kHz % of OBW Power | 99.00 % ^{0 Hz} |
| x dB Bandwidth 10.88 MHz x dB -2 | 26.00 dB |
| | |
| | |
| | |
| MSG ST | ATUS |

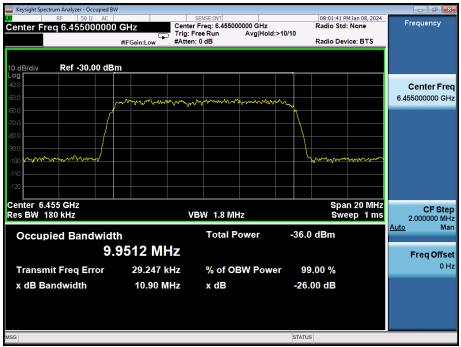
Plot 7-1301. AWGN Signal – UNII 5 – 160MHz – Mid



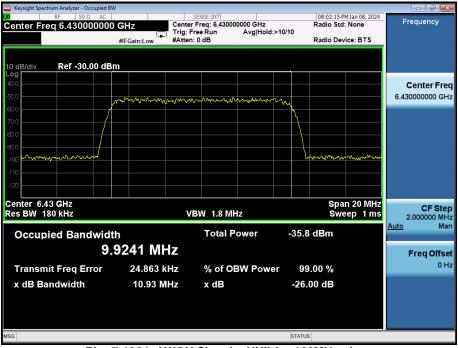
Plot 7-1302. AWGN Signal – UNII 5 – 160MHz - High

| FCC ID: BCGA2898 IC: 579C-A2898 | | | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 276 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 376 of 552 |
| | | | V/ 10 5 12/15/2021 |





Plot 7-1303. AWGN Signal – UNII 6 – 20MHz



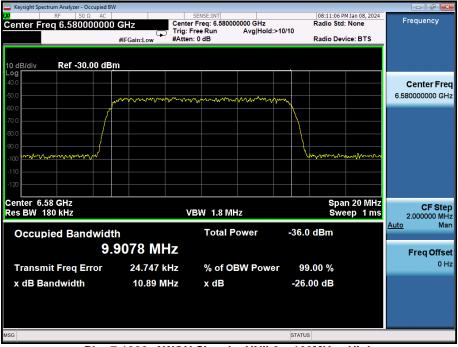
Plot 7-1304. AWGN Signal - UNII 6 - 160MHz - Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕒 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 377 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 377 01 552 | |
| | | | V/ 10 5 12/15/2021 | |



| Keysight Spectrum Analyzer - Occupied BW | | | | | |
|--|--------------------|------------------------------------|------------|--|-----------------|
| Center Freq 6.505000000 | CHz Cente | SENSE:INT Freq: 6.505000000 GHz | | 08:02:41 PM Jan 08, Radio Std: None | Frequency |
| Center Tree 0.505000000 | Trig: | FreeRun Avg Holo n:0.dB | | Radio Device: BT | |
| | #IFGain:Low #Atter | | | Radio Device: B I | 5 |
| 10 dB/div Ref -30.00 dBr | n | | | | |
| -40.0 | | | | | Center Freq |
| -50.0 | | manna | | | 6.505000000 GHz |
| -60.0 | | a whereas the she end and a | ~~vu | | |
| -70.0 | | | | | |
| -80.0 | | | | | |
| -90.0 | | | | | |
| -100 mm man man man M | | | <u>ل</u> ب | www. | <u>^</u> |
| -110 | | | | | |
| -120 | | | | | |
| Center 6.505 GHz | | | | Span 20 N | |
| Res BW 180 kHz | \ \ | /BW 1.8 MHz | | Sweep 1 | |
| Occupied Bandwidt | b | Total Power | -35.8 | dBm | <u>Auto</u> Man |
| | | | 00.0 | dBill | |
| 9.3 | 9147 MHz | | | | Freq Offset |
| Transmit Freq Error | 36.632 kHz | % of OBW Pow | ver 99. | 00 % | 0 Hz |
| x dB Bandwidth | 10.91 MHz | x dB | -26.0 | 0 dB | |
| | | | | | |
| | | | | | |
| | | | | | |
| MSG | | | STATUS | | |

Plot 7-1305. AWGN Signal – UNII 6 – 160MHz – Mid



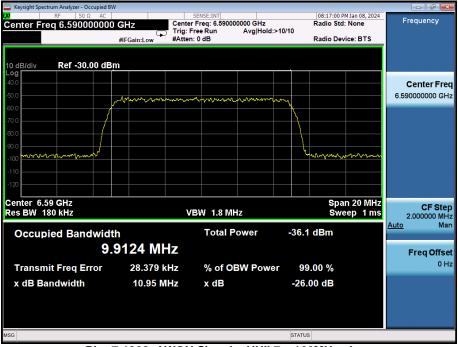
Plot 7-1306. AWGN Signal - UNII 6 - 160MHz - High

| FCC ID: BCGA2898 IC: 579C-A2898 | | | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 279 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 378 of 552 | |
| | | | V/ 10 5 12/15/2021 | |



| 🔤 Keysight Spectrum Analyzer - Occupied B | | | | | - 6 - |
|---|------------|------------------------------------|----------|--|-------------------------|
| Center Freq 6.69500000 | | SENSE:INT Freg: 6.695000000 GHz | | 08:12:30 PM Jan 08, 2024 adio Std: None | Frequency |
| | | ree Run Avg Hold | | adio Device: BTS | |
| | an ounieou | | | | |
| 10 dB/div Ref -30.00 dB | m | | | | |
| -40.0 | | | | | Center Freg |
| -50.0 | mmmmmm | nh am h har mon how h | | | 6.695000000 GHz |
| -60.0 | | | | | |
| -70.0 | | | + | | |
| -80.0 | | | +++++ | | |
| -90.0 | | | | | |
| -100 mm who may mand | | | ~~~~~ | www.www. | |
| -110 | | | | | |
| -120 | | | | | |
| Center 6.695 GHz Res BW 180 kHz | VI | BW 1.8 MHz | | Span 20 MHz Sweep 1 ms | CF Step 2.000000 MHz |
| Occupied Bandwid | th | Total Power | -35.5 d | Bm | <u>Auto</u> Man |
| | 8765 MHz | | | | |
| | | | | | Freq Offset 0 Hz |
| Transmit Freq Error | 14.098 kHz | % of OBW Pow | er 99.00 | 0% | 0 H2 |
| x dB Bandwidth | 10.86 MHz | x dB | -26.00 | dB | |
| | | | | | |
| | | | | | |
| MSG | | | STATUS | | |
| | | | 0 | | |

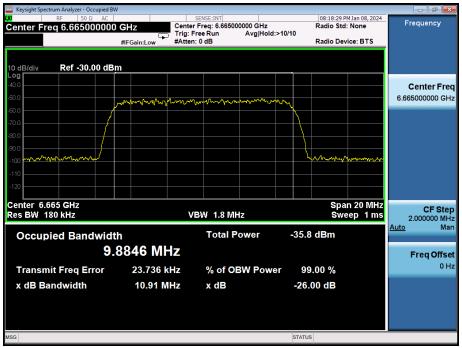
Plot 7-1307. AWGN Signal - UNII 7 - 20MHz



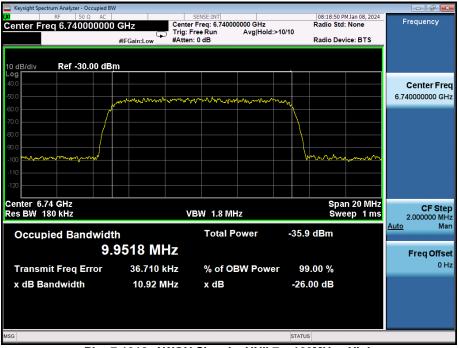
Plot 7-1308. AWGN Signal – UNII 7 – 160MHz - Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 379 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 379 of 552 | |
| | | | V/ 10 5 12/15/2021 | |





Plot 7-1309. AWGN Signal – UNII 7 – 160MHz – Mid



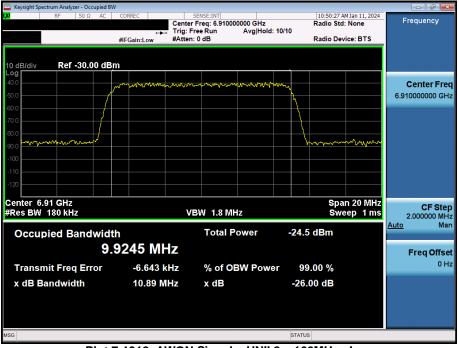
Plot 7-1310. AWGN Signal - UNII 7 - 160MHz - High

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 380 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 300 01 352 |
| | | | V 10 5 12/15/2021 |



| 🔤 Keysight Spectru | um Analyzer - Occupied | BW | | | | | | | | | 7 X |
|--------------------|----------------------------|-------------|---------------------|----------|-----------|--------|-------|-------------------------|----------------|------------|--------|
| (X) Contor Fro | RF 50 Ω AC q 6.93500000 | | SENS Center Free | E:INT | 000 GHz | | | 08:19:24 P Radio Std | M Jan 08, 2024 | Frequen | су |
| Center Fred | q 0.95500000 | G | Trig: Free I | Run | Avg Hold: | >10/10 | | | | | |
| | | #IFGain:Low | #Atten: 0 d | В | | | | Radio Dev | /ice: BTS | | |
| | | | | | | | | | | | |
| 10 dB/div Log | Ref -30.00 dl | Bm | | | | | | | | | |
| -40.0 | | | | | | | | | | Cente | r Frea |
| -50.0 | | mmum | A 44 - 44 | M | 1 | | | | | 6.93500000 | |
| -60.0 | | and warne | 4. 0414 MANA | · | A carrier | m | | | | | _ |
| -70.0 | / | ~ | | | |) | | | | | |
| -80.0 | / | | | | | | | | | | |
| -90.0 | / | | | | | | | | | | |
| -100 mmm | monnom | | | | | | ٦, | J.M. volution | ww | | |
| -110 | | | | | | | | | | | |
| -120 | | | | | | | | | | | |
| | | | | | | | | | | | |
| Center 6.93 | | | | | | | | | n 20 MHz | CF | Step |
| Res BW 18 | 0 kHz | | VBW | 1.8 MH | Z | | | SWe | eep 1 ms | 2.00000 | 0 MHz |
| Occupie | ed Bandwid | ith | | Fotal Po | ower | -3 | 5.9 | dBm | | Auto | Man |
| Cocupit | | .8858 M | LI-7 | | | | | | | | |
| | 5 | .0000 101 | ΠΖ | | | | | | | Freq | |
| Transmit | t Freq Error | 9.944 | kHz 9 | % of OE | W Powe | er | 99 | .00 % | | | 0 Hz |
| x dB Ban | ndwidth | 10.91 | MHz | (dB | | - | 26.0 |)0 dB | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| MSG | | | | | | ST | TATUS | | | | |
| | | | | | | | | | | | |

Plot 7-1311. AWGN Signal – UNII 8 – 20MHz



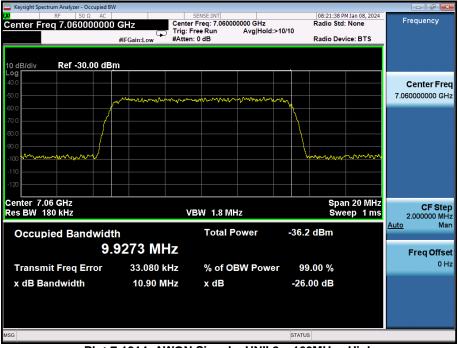
Plot 7-1312. AWGN Signal - UNII 8 - 160MHz - Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 381 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | raye 301 01 352 |
| | | | V/ 10 5 12/15/2021 |



| Keysight Spectrum Analyzer - Occupied BV | V | | | | |
|--|-------------------|---|----------|---|-----------------|
| KF 50 Ω AC Center Freq 6.985000000 | CHa | SENSE:INT Freq: 6.985000000 GHz | | :21:07 PM Jan 08, 2024 dio Std: None | Frequency |
| Center Freq 6.985000000 | Trig: | Free Run Avg Hold | d:>10/10 | | |
| | #IFGain:Low #Atte | n: 0 dB | Ra | dio Device: BTS | |
| | | | | | |
| 10 dB/div Ref -30.00 dB | m | | | | |
| -40.0 | | | | | Center Freq |
| -50.0 | | manna | | | 6.985000000 GHz |
| -60.0 | mmmmm | and a harmon and a second and a second se | my | | |
| -70.0 | | | <u> </u> | | |
| -80.0 | | | | | |
| -90.0 | | | | | |
| -100 manufarmary | | | bur | man | |
| -110 | | | | | |
| -120 | | | | | |
| | | | | | |
| Center 6.985 GHz | , | | | Span 20 MHz | CF Step |
| Res BW 180 kHz | | /BW 1.8 MHz | | Sweep 1 ms | 2.000000 MHz |
| Occupied Bandwidt | h | Total Power | -36.0 dE | Sm | <u>Auto</u> Man |
| | 9088 MHz | | | | |
| 3. | | | | | Freq Offset |
| Transmit Freq Error | 29.588 kHz | % of OBW Pow | er 99.00 | % | 0 Hz |
| x dB Bandwidth | 10.83 MHz | x dB | -26.00 | dB | |
| | | | | | |
| | | | | | |
| | | | | | |
| MSG | | | STATUS | | |
| | | | | | |

Plot 7-1313. AWGN Signal - UNII 8 - 160MHz - Mid

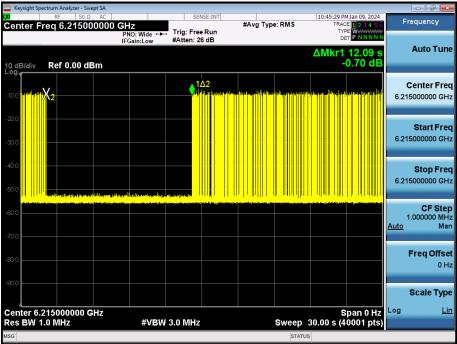


Plot 7-1314. AWGN Signal - UNII 8 - 160MHz - High

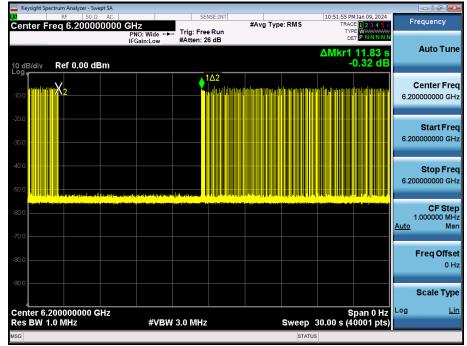
| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 202 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 382 of 552 |
| | | | V/ 10 5 12/15/2021 |



Contention-Based Protocol Timing Plots



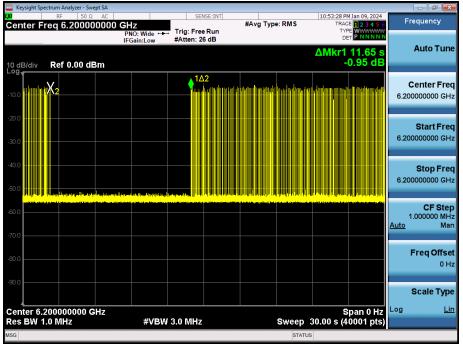
Plot 7-1315. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Channel 53



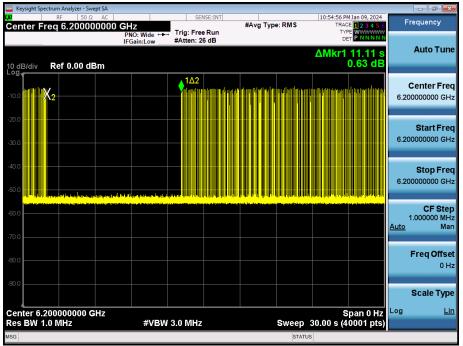
Plot 7-1316. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 282 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 383 of 552 |
| | | | V/ 10 5 12/15/2021 |





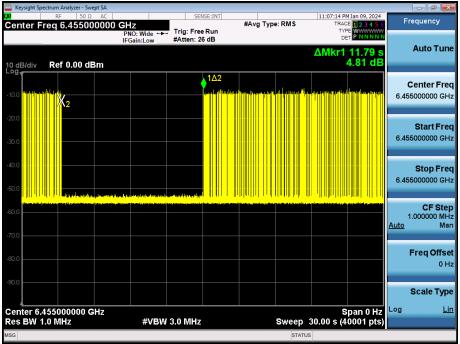
Plot 7-1317. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – Mid



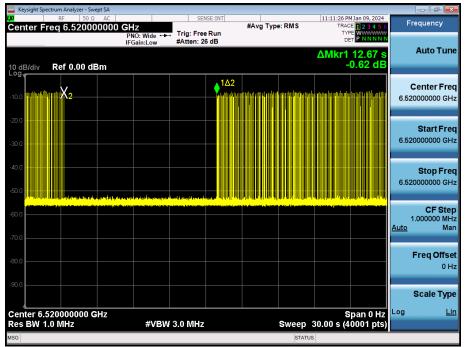
Plot 7-1318. Contention Based Protocol Timing Plot - UNII 5 - 160MHz Channel 47 - High

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 384 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 304 01 332 |
| | | | V 10 5 12/15/2021 |





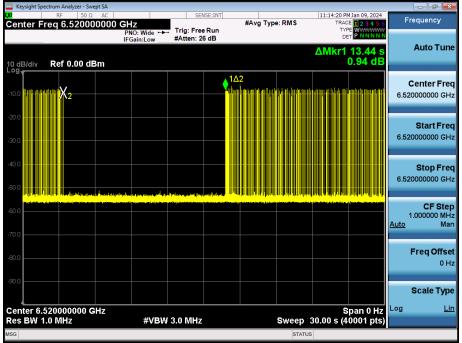
Plot 7-1319. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101



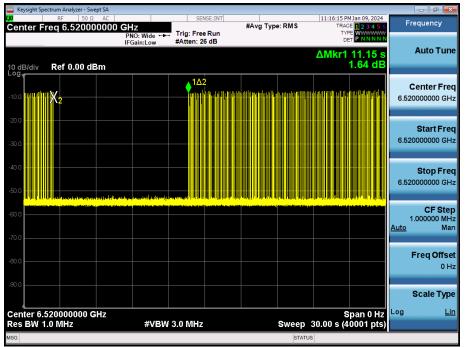
Plot 7-1320. Contention Based Protocol Timing Plot - UNII 6 - 160MHz Channel 111 - Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 385 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 300 01 352 |
| | | | V/ 10 5 12/15/2021 |





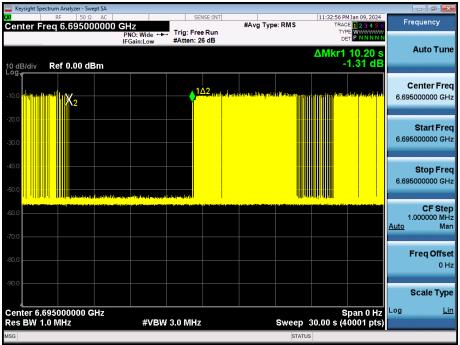
Plot 7-1321. Contention Based Protocol Timing Plot - UNII 6 - 160MHz Channel 111 - Mid



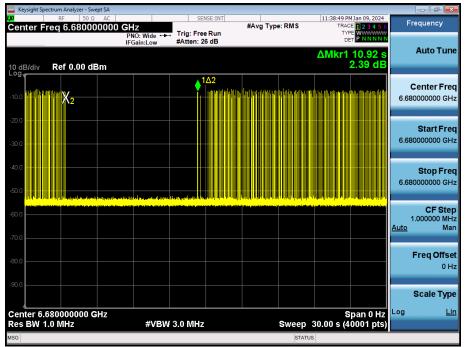
Plot 7-1322. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – High

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 386 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 300 01 332 |
| | | | V 10 5 12/15/2021 |





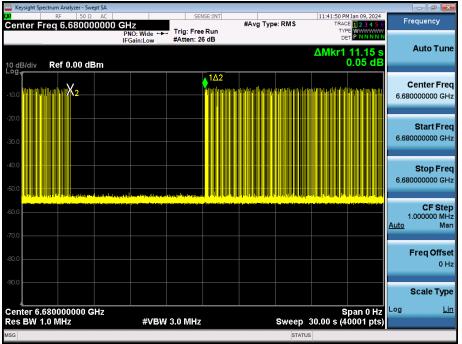
Plot 7-1323. Contention Based Protocol Timing Plot - UNII 7 - 20MHz Channel 149



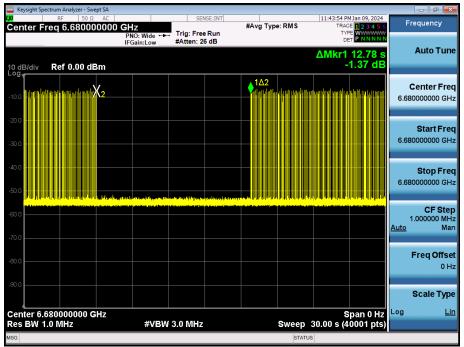
Plot 7-1324. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 387 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | raye 301 01 352 |
| | | | V/ 10 5 12/15/2021 |





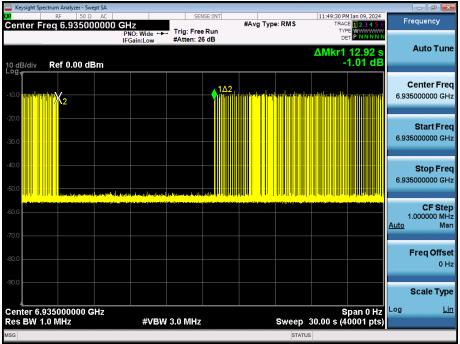
Plot 7-1325. Contention Based Protocol Timing Plot - UNII 7 - 160MHz Channel 143 - Mid



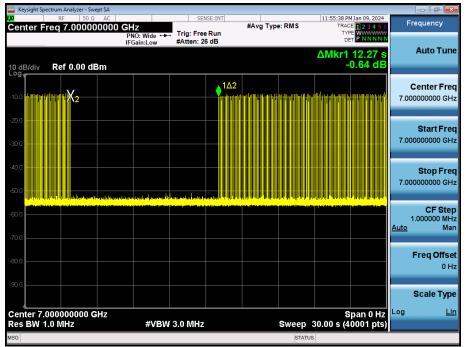
Plot 7-1326. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – High

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕒 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 388 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 300 01 552 |
| | | | \/ 10 5 12/15/2021 |





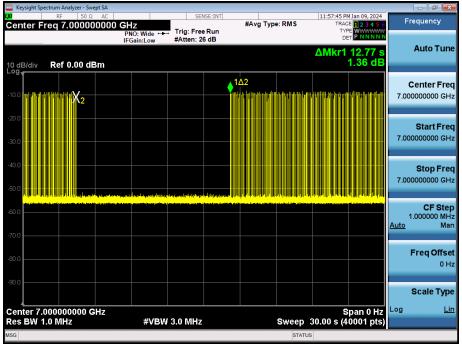
Plot 7-1327. Contention Based Protocol Timing Plot - UNII 8 - 20MHz Channel 197



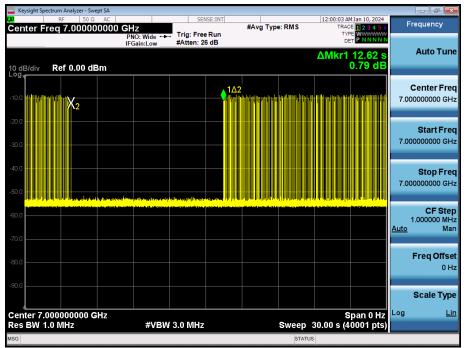
Plot 7-1328. Contention Based Protocol Timing Plot - UNII 8 - 160MHz Channel 207 - Low

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 200 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 389 of 552 |
| | | | V/ 10 5 12/15/2021 |





Plot 7-1329. Contention Based Protocol Timing Plot - UNII 8 - 160MHz Channel 207 - Mid

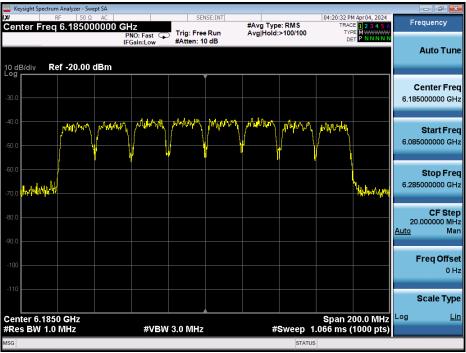


Plot 7-1330. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 390 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 390 01 552 |
| | | | \/ 10 5 12/15/2021 |



CBP Bandwidth Reduction Plots



Plot 7-1331. 160MHz Bandwidth – Before AWGN Signal Injected – Channel 47



Plot 7-1332. 160MHz Bandwidth – AWGN Signal Injected at Low End – Channel 47

| FCC ID: BCGA2898 IC: 579C-A2898 | element MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager | |
|------------------------------------|---|---------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 201 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 391 of 552 | |
| | | · | V 10.5 12/15/2021 | |



| | ectrum Analyzer - Swept SA | | | | | | | | | x |
|-------------------------------------|------------------------------------|-------------------------------|---|---------------|------------------------|-----------------------|--|------------------------|---------------------------------------|--------------|
| ເໝ Center Fi | RF 50 Ω AC req 6.185000000 | GHz | SENSE | | #Avg Type Avg Hold: | | TRAC | E 1 2 3 4 5 6 | Frequency | |
| 10 dB/div | Ref -20.00 dBm | PNO: Fast 😱 IFGain:Low | #Atten: 10 d | | Avginoid. | | 1 6.185 | 00 GHz 70 dBm | Auto Tu | une |
| -30.0 | | | | | | | | | Center F 6.185000000 (| - |
| -40.0 | | | | | | | | | Start F 6.085000000 0 | |
| -60.0 -70.0 <mark>Նետրովե</mark> | and the sheet of the second second | n, 1949 hall North May Parala | ap-liptertonic pair | and hat being | Juna and the second | had annotation of the | for the state of t | مايدريوريم البريريم | Stop F 6.285000000 (| |
| -80.0 | | | | | | | | | CF Si 20.000000 M <u>Auto</u> M | |
| -100 | | | | | | | | | Freq Off 0 | fset 0 Hz |
| Center 6.1 | | #VBW | 3.0 MHz | | #9 | Sween 1 | Span 2 | 00.0 MHz 1000 pts) | Scale Ty Log | ype Lin |
| MSG | | | 6 m m m m m m m m m m m m m m m m m m m | | | STATUS | | 1000 (100) | | - |

Plot 7-1333. 160MHz Bandwidth – AWGN Signal Injected at Center – Channel 47

| | ectrum Analyzer - Swept SA | | | | | |
|-----------------------|--|---|------------|-------------------|---|---|
| اللا Center Fi | RF 50 Ω AC req 6.185000000 | | NSE:INT #A | g Type: RMS | 04:22:54 PM Apr 04, 2024 TRACE 1 2 3 4 5 6 | Frequency |
| Conter 1 | 100 0.10000000 | PNO: Fast +++ Trig: Free IFGain:Low #Atten: 10 | eRun Avg | Hold: 100/100 | TYPE MWWWWW DET PNNNN | |
| 10 dB/div Log | Ref -20.00 dBm | | | Mkı | 1 6.260 00 GHz -70.363 dBm | Auto Tune |
| -30.0 | | | | nullet | | Center Freq 6.185000000 GHz |
| -40.0 | | | | | | Start Freq 6.085000000 GHz |
| -60.0 | dautak wa matuk | torphone reals have been with the | ha hada wa | harder (Na N | 1 بالله سرود مراجع المراجع | Stop Freq 6.285000000 GHz |
| -80.0 | al is a factor of a star o | in a line of δ ₁ and δ2 an | | երող տես հեր շփ տ | | CF Step 20.000000 MHz <u>Auto</u> Man |
| -90.0 | | | | | | Freq Offsel 0 Hz |
| -110 | | | | | | Scale Type |
| Center 6.′ #Res BW | | #VBW 3.0 MHz | | #Sweep 1 | Span 200.0 MHz .066 ms (1000 pts) | Log <u>Lin</u> |
| MSG | | | | STATU | 3 | |

Plot 7-1334. 160MHz Bandwidth – AWGN Signal Injected at High End – Channel 47

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕒 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 202 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 392 of 552 |
| | | | V 10.5 12/15/2021 |



7.7 Radiated Spurious Emissions – Above 1GHz §15.407(b) §15.205 §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. 802.11a, 802.11ax(SU) (20MHz BW), 802.11ax(SU) (40MHz BW), 802.11ax(SU) (80MHz), 802.11ax(SU) (160MHz) and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.925-7.125 GHz band: All emissions outside of the 5.925-7.125 GHz band shall not exceed an EIRP of -27 dBm/MHz. Emissions found in a restricted band are subject to the limits of 15.209 and RSS-Gen (8.9) as shown in the table below.

| Frequency | Field Strength [µV/m] | Measured Distance [Meters] | |
|-----------------|--------------------------|-------------------------------|--|
| Above 960.0 MHz | 500 | 3 | |

Table 7-164. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Sections 12.7.7.2, 12.7.6, 12.7.5 KDB 789033 D02 v02r01 – Section G

Test Settings

Average Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = power average (RMS)
- 5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
- 6. Averaging type = power (RMS)
- 7. Sweep time = auto couple
- 8. Trace was averaged over 100 sweeps

Peak Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕞 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 202 of EE2 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 393 of 552 |
| | | | V/ 10 5 12/15/2021 |



Test Setup

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

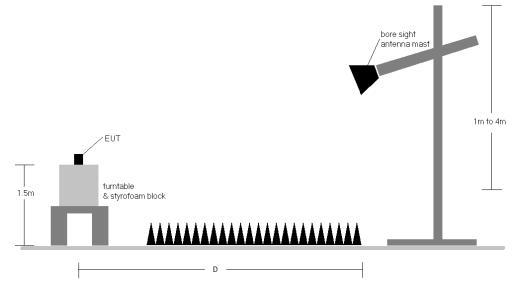


Figure 7-6. Test Instrument & Measurement Setup

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 204 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 394 of 552 |
| | | | V 10.5 12/15/2021 |



Test Notes

- 1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-164.
- 2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-164. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.
- 3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
- 4. This unit was tested with its standard battery.
- 5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
- 6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
- 8. All data rates were investigated and only the worse case is reported
- 9. The unit was tested with all possible modes and only the highest emission is reported.
- 10. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 11. All radiated measurements were tested at the highest supported power setting per band.

Sample Calculations

Determining Spurious Emissions Levels

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

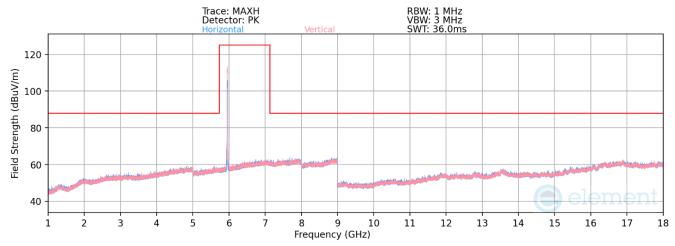
Radiated Band Edge Measurement Offset

• The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.6 was calculated using the formula:

Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

| FCC ID: BCGA2898 IC: 579C-A2898 | element MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
|------------------------------------|---|---------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 205 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 395 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | V 40 E 40/4E/201 |





7.7.1 Antenna WF7a Radiated Spurious Emission

Plot 7-1335. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax – Ch. 1)

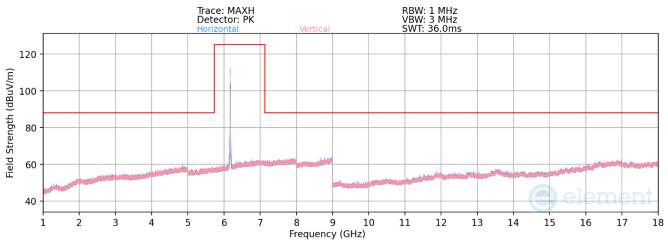
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5955MHz |
| Channel: | 1 |
| | |

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|---|--------------------|----------|--------------------|---------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| * | 11910.00 | Average | Н | - | - | -84.12 | 15.70 | 38.58 | 53.98 | -15.40 |
| * | 11910.00 | Peak | Н | - | - | -72.36 | 15.70 | 50.34 | 73.98 | -23.64 |
| * | 17865.00 | Average | Н | - | - | -85.06 | 22.63 | 44.57 | 53.98 | -9.41 |
| * | 17865.00 | Peak | Н | - | - | -72.96 | 22.63 | 56.67 | 73.98 | -17.31 |

Table 7-165. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 396 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 390 01 552 |
| | | | \/ 10 5 12/15/2021 |







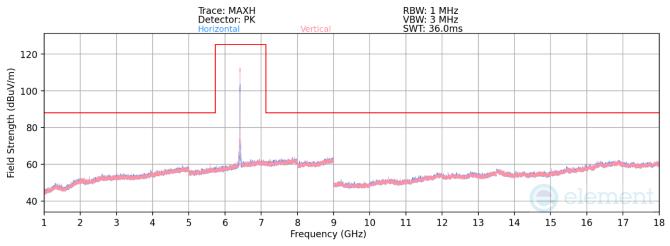
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6175MHz |
| Channel: | 45 |
| | |

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|---|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| * | 12350.00 | Peak | V | - | - | -73.54 | 20.83 | 54.29 | 73.98 | -19.69 |
| * | 12350.00 | Average | V | - | - | -84.88 | 21.02 | 43.14 | 53.98 | -10.84 |

Table 7-166. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 397 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 397 01 552 | |
| | | | V 10 5 12/15/2021 | |







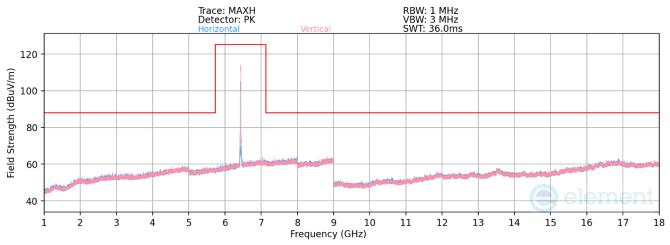
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6415MHz |
| Channel: | 93 |
| | |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 12830.00 | Average | V | - | - | -85.24 | 22.26 | 44.02 | 68.23 | -24.21 |
| 12830.00 | Peak | V | - | - | -73.58 | 22.26 | 55.68 | 88.23 | -32.55 |

Table 7-167. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 209 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 398 of 552 | |
| | | | V/ 10 5 12/15/2021 | |







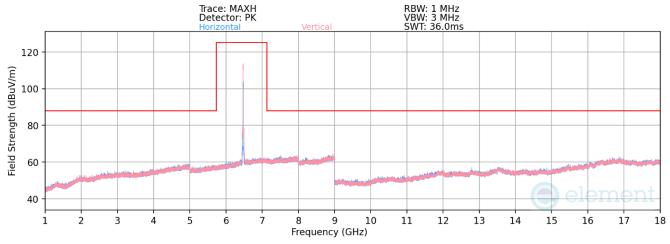
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6435MHz |
| Channel: | 97 |

| Frequency [MHz] | ör | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|---------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 12870.00 | Average | V | - | - | -85.84 | 21.63 | 42.79 | 68.23 | -25.44 |
| 12870.00 | Peak | V | - | - | -72.51 | 21.63 | 56.12 | 88.23 | -32.11 |

Table 7-168. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dago 200 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 399 of 552 | |
| | | | V/ 10 5 12/15/2021 | |





Plot 7-1339. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax - Ch. 105, MCS2)

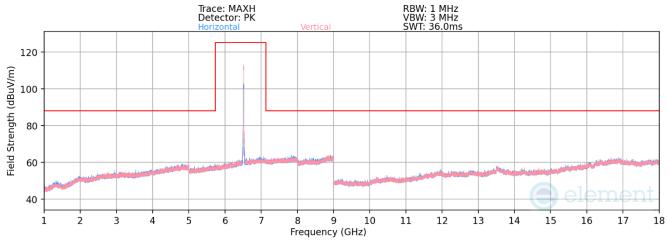
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6475MHz |
| Channel: | 105 |
| | |

| Frequency [MHz] | or | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|---------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 12950.00 | Average | Н | - | - | -85.59 | 21.76 | 43.17 | 68.23 | -25.06 |
| 12950.00 | Peak | Н | - | - | -73.06 | 21.76 | 55.70 | 88.23 | -32.53 |

Table 7-169. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 400 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Fage 400 01 552 | |
| | | | V/ 10 5 12/15/2021 | |





Plot 7-1340. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax - Ch. 113)

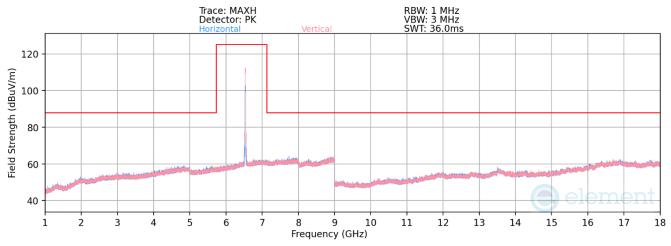
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6515MHz |
| Channel: | 113 |
| | |

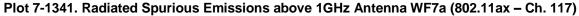
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 13030.00 | Average | V | - | - | -85.72 | 22.06 | 43.34 | 68.23 | -24.89 |
| 13030.00 | Peak | V | - | - | -72.45 | 22.06 | 56.61 | 88.23 | -31.62 |

Table 7-170. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 401 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 401 of 552 | |
| | | | V 10 5 12/15/2021 | |







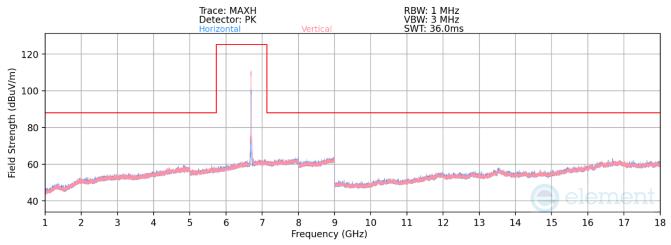
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6535MHz |
| Channel: | 117 |
| | |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 13070.00 | Average | V | - | - | -85.83 | 21.52 | 42.69 | 68.23 | -25.54 |
| 13070.00 | Peak | V | - | - | -72.80 | 21.52 | 55.72 | 88.23 | -32.51 |

Table 7-171. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 402 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 402 01 552 | |
| | | | V/ 10 5 12/15/2021 | |







| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6695MHz |
| Channel: | 149 |
| | |

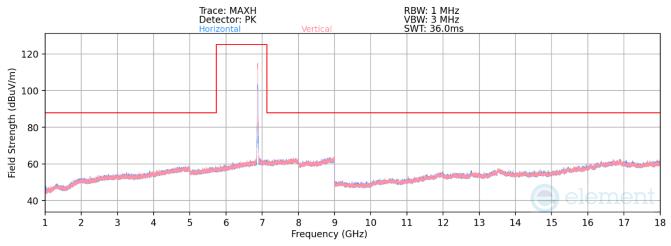
| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|---|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| * | 13390.00 | Peak | V | - | - | -72.98 | 22.47 | 56.49 | 73.98 | -17.49 |
| * | 13390.00 | Average | V | - | - | -84.83 | 22.47 | 44.64 | 53.98 | -9.34 |

Table 7-172. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 402 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 403 of 552 | |
| | | | \/ 10 5 12/15/2021 | |

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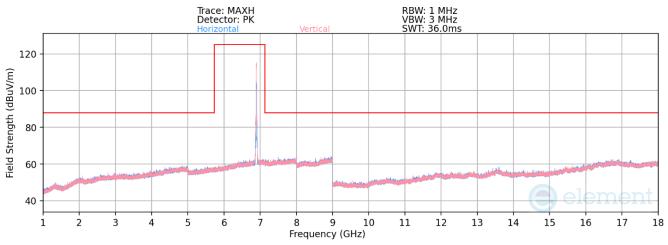
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6875MHz |
| Channel: | 185 |
| | |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 13750.00 | Average | V | - | - | -84.93 | 21.79 | 43.86 | 68.23 | -24.37 |
| 13750.00 | Peak | V | - | - | -71.49 | 21.79 | 57.30 | 88.23 | -30.93 |

Table 7-173. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 404 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 404 of 552 | |
| | | | V/ 10 5 12/15/2021 | |







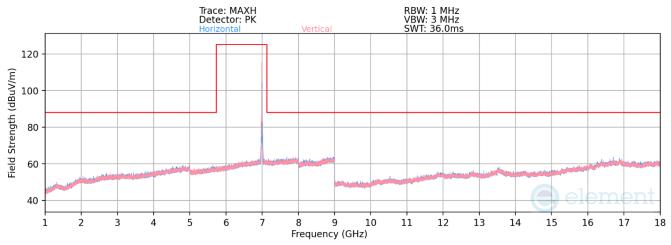
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6895MHz |
| Channel: | 189 |
| | |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 13790.00 | Average | V | - | - | -85.76 | 21.86 | 43.10 | 68.23 | -25.13 |
| 13790.00 | Peak | V | - | - | -72.04 | 21.86 | 56.82 | 88.23 | -31.41 |

Table 7-174. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 405 of 550 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 405 of 552 |
| | | | V 10.5 12/15/2021 |





Plot 7-1345. Radiated Spurious Emissions above 1GHz Antenna WF7a (802.11ax - Ch. 209, MCS2)

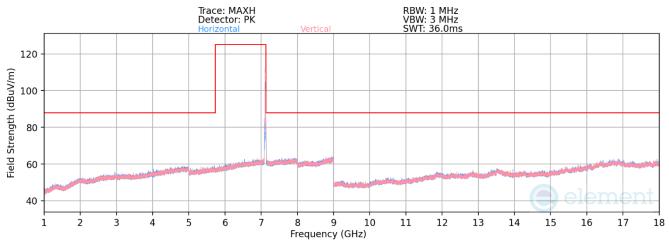
| 802.11ax |
|----------|
| MCS2 |
| 3 Meters |
| 6995MHz |
| 209 |
| |

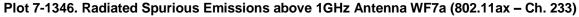
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 13990.00 | Average | V | - | - | -85.32 | 22.21 | 43.89 | 68.23 | -24.34 |
| 13990.00 | Peak | V | - | - | -73.25 | 22.21 | 55.96 | 88.23 | -32.27 |

Table 7-175. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 406 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 406 of 552 | |
| | | | V/ 10 5 12/15/2021 | |







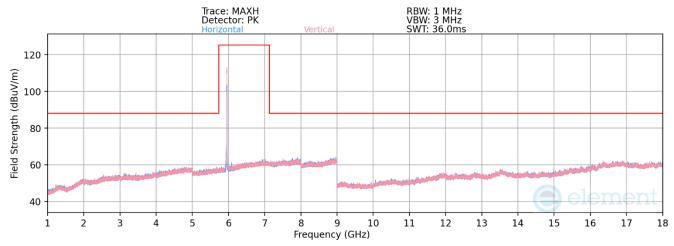
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 7115MHz |
| Channel: | 233 |
| | |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 14230.00 | Average | V | - | - | -85.92 | 22.04 | 43.12 | 68.23 | -25.11 |
| 14230.00 | Peak | V | - | - | -73.23 | 22.04 | 55.81 | 88.23 | -32.42 |

Table 7-176. Radiated Spurious Emission Measurements Antenna WF7a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 407 of 552 |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 407 01 552 |
| | | | V 10.5 12/15/2021 |





7.7.2 Antenna WF2a Radiated Spurious Emission

Plot 7-1347. Radiated Spurious Emissions above 1GHz Antenna WF2a (802.11ax – Ch. 1)

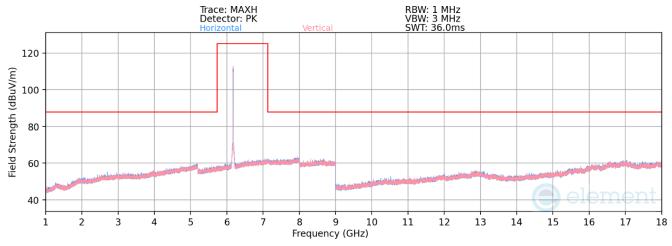
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5955MHz |
| Channel: | 1 |
| | |

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|---|--------------------|----------|--------------------|---------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| * | 11910.00 | Average | Н | - | - | -84.25 | 15.70 | 38.45 | 53.98 | -15.53 |
| * | 11910.00 | Peak | Н | - | - | -72.92 | 15.70 | 49.78 | 73.98 | -24.20 |
| * | 17865.00 | Average | Н | - | - | -85.12 | 22.63 | 44.51 | 53.98 | -9.47 |
| * | 17865.00 | Peak | Н | - | - | -72.45 | 22.63 | 57.18 | 73.98 | -16.80 |

Table 7-177. Radiated Spurious Emission Measurements Antenna WF2a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🤤 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Daga 408 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 408 of 552 | |
| | | | V/ 10 5 12/15/2021 | |





Plot 7-1348. Radiated Spurious Emissions above 1GHz Antenna WF2a (802.11ax - Ch. 45, MCS2)

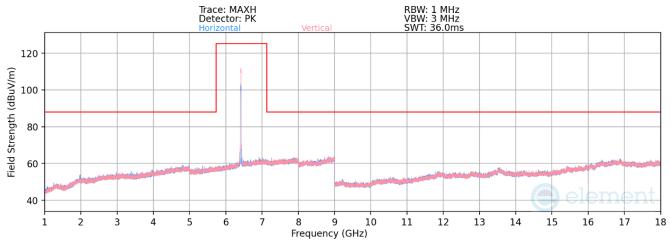
| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6175MHz |
| Channel: | 45 |
| | |

| | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|---|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| * | 12350.00 | Peak | Н | - | - | -72.66 | 20.86 | 55.20 | 73.98 | -18.78 |
| * | 12350.00 | Average | Н | - | - | -84.85 | 20.86 | 43.01 | 53.98 | -10.97 |

Table 7-178. Radiated Spurious Emission Measurements Antenna WF2a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕒 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 409 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 409 01 552 | |
| | | | V/ 10 5 12/15/2021 | |





Plot 7-1349. Radiated Spurious Emissions above 1GHz Antenna WF2a (802.11ax - Ch. 93)

| Mode: | 802.11ax |
|---------------------------|----------|
| Data Rate: | MCS2 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6415MHz |
| Channel: | 93 |
| | |

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 12830.00 | Average | н | - | - | -85.89 | 22.26 | 43.28 | 68.23 | -24.95 |
| 12830.00 | Peak | н | - | - | -73.39 | 22.26 | 55.87 | 88.23 | -32.36 |

Table 7-179. Radiated Spurious Emission Measurements Antenna WF2a

| FCC ID: BCGA2898 IC: 579C-A2898 | element 🕒 | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 410 of 552 | |
| 1C2311270065-13-R2.BCG | 12/1/2023 - 04/04/2024 | Tablet Device | Page 410 of 552 | |
| | | | \/ 10 5 12/15/2021 | |